

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062220\
 Data File : VN061995.D
 Acq On : 22 Jun 2020 13:25
 Operator : JC/MD
 Sample : VN0622WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/23/2020 12:47:54 PM

Quant Time: Jun 23 05:32:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	170325	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	295636	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	276491	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	127416	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	116798	51.13	ug/l	0.00
Spiked Amount 50.000			Recovery =	102.26%		
35) Dibromofluoromethane	7.55	113	96516	51.03	ug/l	0.00
Spiked Amount 50.000			Recovery =	102.06%		
50) Toluene-d8	10.06	98	369849	49.74	ug/l	0.00
Spiked Amount 50.000			Recovery =	99.48%		
62) 4-Bromofluorobenzene	12.37	95	121392	47.60	ug/l	0.00
Spiked Amount 50.000			Recovery =	95.20%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	41289	18.814	ug/l	99
3) Chloromethane	2.03	50	43626	18.453	ug/l	99
4) Vinyl Chloride	2.16	62	53675	19.044	ug/l	99
5) Bromomethane	2.53	94	36843	17.023	ug/l	99
6) Chloroethane	2.67	64	37033	19.415	ug/l	98
7) Trichlorofluoromethane	2.98	101	65851	19.560	ug/l	99
8) Diethyl Ether	3.37	74	23393	20.669	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.71	101	34686	20.083	ug/l	99
10) Methyl Iodide	3.91	142	39095	22.079	ug/l #	94
11) Tert butyl alcohol	4.73	59	34446	108.971	ug/l #	88
12) 1,1-Dichloroethene	3.70	96	34170	19.745	ug/l	90
13) Acrolein	3.57	56	18847	99.759	ug/l	94
14) Allyl chloride	4.27	41	44008	19.160	ug/l	96
15) Acrylonitrile	4.93	53	88142	112.534	ug/l	99
16) Acetone	3.77	43	72279	107.121	ug/l	98
17) Carbon Disulfide	4.01	76	79638	15.727	ug/l	99
18) Methyl Acetate	4.28	43	44261	22.784	ug/l	97
19) Methyl tert-butyl Ether	5.00	73	118216	20.516	ug/l	98
20) Methylene Chloride	4.50	84	42181	19.188	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	37415	18.823	ug/l	97
22) Diisopropyl ether	5.90	45	110386	21.014	ug/l	97
23) Vinyl Acetate	5.84	43	429888	104.050	ug/l	98
24) 1,1-Dichloroethane	5.80	63	70142	20.398	ug/l	100
25) 2-Butanone	6.78	43	109692	111.424	ug/l	99
26) 2,2-Dichloropropane	6.78	77	59295	20.495	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	44980	19.611	ug/l	97
28) Bromochloromethane	7.15	49	33658	21.983	ug/l	92
29) Tetrahydrofuran	7.17	42	72487	111.884	ug/l	96
30) Chloroform	7.33	83	73818	20.086	ug/l	96
31) Cyclohexane	7.62	56	52517	17.446	ug/l #	92
32) 1,1,1-Trichloroethane	7.53	97	62334	19.916	ug/l	98
36) 1,1-Dichloropropene	7.75	75	51309	19.028	ug/l	99
37) Ethyl Acetate	6.88	43	45244	21.486	ug/l	100
38) Carbon Tetrachloride	7.73	117	52246	19.565	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	51258	17.653	ug/l	98
40) Benzene	8.00	78	163374	20.001	ug/l	98
41) Methacrylonitrile	7.13	41	17439	19.367	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	56660	20.343	ug/l	98
43) Isopropyl Acetate	8.12	43	75489	21.273	ug/l	100
44) Trichloroethene	8.80	130	41494	19.302	ug/l	99
45) 1,2-Dichloropropane	9.09	63	43129	21.485	ug/l	98
46) Dibromomethane	9.18	93	28803	20.376	ug/l	98
47) Bromodichloromethane	9.37	83	58373	20.167	ug/l	100
48) Methyl methacrylate	9.17	41	33472	20.741	ug/l	98
49) 1,4-Dioxane	9.17	88	15416	416.077	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	231130	110.218	ug/l	99
52) Toluene	10.12	92	103214	20.120	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	61796	20.111	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	68376	20.487	ug/l	100
55) 1,1,2-Trichloroethane	10.54	97	43326	21.466	ug/l	97
56) Ethyl methacrylate	10.40	69	55156	19.754	ug/l	97
57) 1,3-Dichloropropane	10.68	76	71823	21.004	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	106579	100.052	ug/l	98
59) 2-Hexanone	10.72	43	166104	107.237	ug/l	98
60) Dibromochloromethane	10.87	129	46187	20.507	ug/l	100
61) 1,2-Dibromoethane	10.98	107	42768	20.292	ug/l	98
64) Tetrachloroethene	10.60	164	35498	20.143	ug/l	96
65) Chlorobenzene	11.41	112	113451	19.446	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	40414	19.862	ug/l	97
67) Ethyl Benzene	11.48	91	192311	19.660	ug/l	99
68) m/p-Xylenes	11.60	106	150604	39.928	ug/l	99
69) o-Xylene	11.92	106	71160	19.773	ug/l	99
70) Styrene	11.94	104	118649	19.689	ug/l	99
71) Bromoform	12.10	173	30279	20.409	ug/l #	98
73) Isopropylbenzene	12.22	105	185781	20.518	ug/l	99
74) N-amyl acetate	12.05	43	59949	20.227	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	62526	21.240	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	55780m	22.299	ug/l	
77) Bromobenzene	12.50	156	46845	20.507	ug/l	98
78) n-propylbenzene	12.57	91	211895	20.510	ug/l	99
79) 2-Chlorotoluene	12.65	91	127253	20.508	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	153189	20.450	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	18864	20.568	ug/l	95
82) 4-Chlorotoluene	12.75	91	130958	20.425	ug/l	97
83) tert-Butylbenzene	12.97	119	128546	20.242	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	154901	20.948	ug/l	100
85) sec-Butylbenzene	13.15	105	172108	20.706	ug/l	99
86) p-Isopropyltoluene	13.26	119	152569	20.599	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	83238	19.979	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	82675	19.386	ug/l	99
89) n-Butylbenzene	13.59	91	119099	19.254	ug/l	99
90) Hexachloroethane	13.85	117	28557	21.062	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	81168	20.237	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	10296	21.544	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	33927	17.926	ug/l	98
94) Hexachlorobutadiene	14.98	225	15199	20.390	ug/l	97
95) Naphthalene	15.10	128	98226	17.901	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	34255	18.275	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

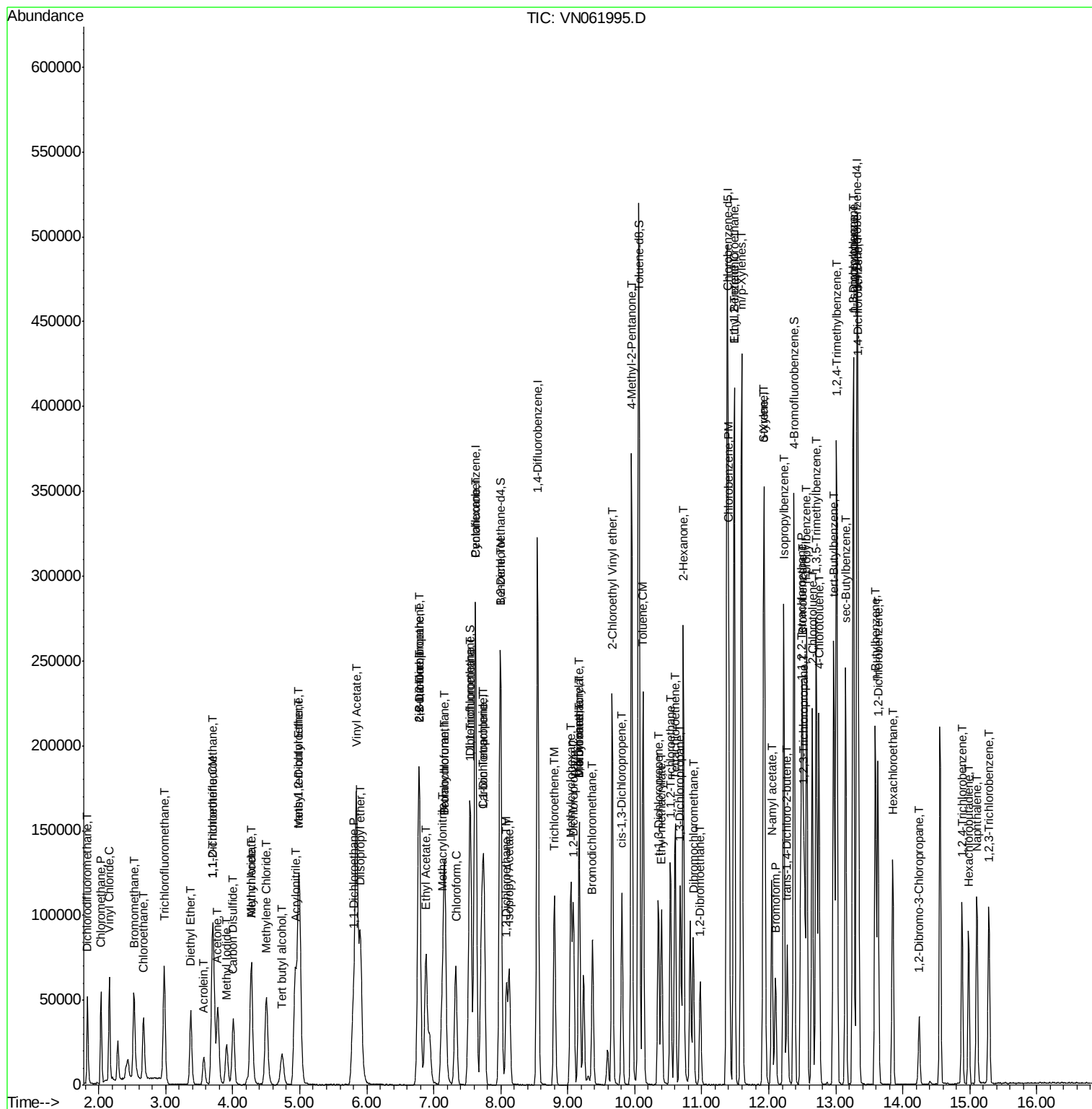
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Data File : VN061995.D
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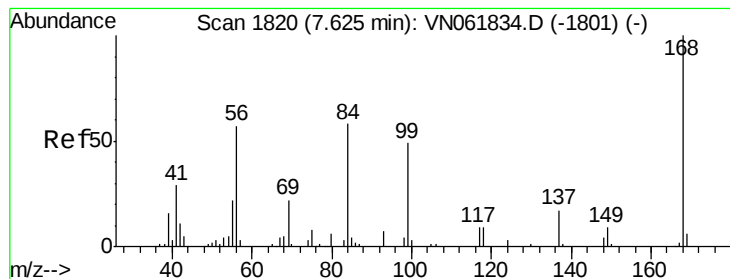
Instrument :
MSVOA_N
ClientSampleId :
VN0622WBS01

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061995.D

Acq: 22 Jun 2020 13:25

Instrument :

MSVOA_N

ClientSampleId :

VN0622WBS01

Tot Ion:168 Resp: 170325

Ion Ratio Lower Upper

168 100

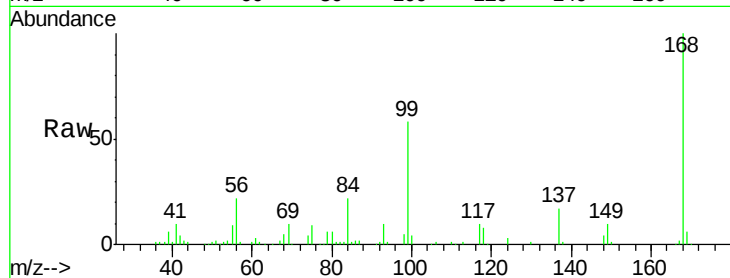
99 57.5 44.6 67.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

80000

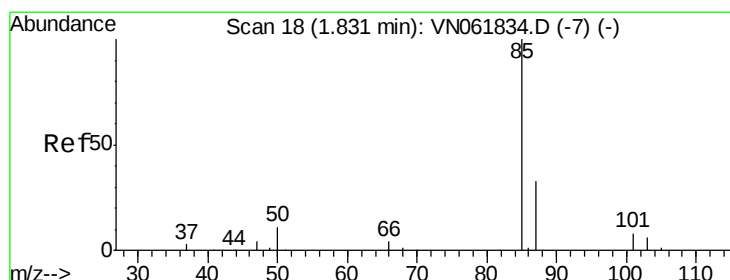
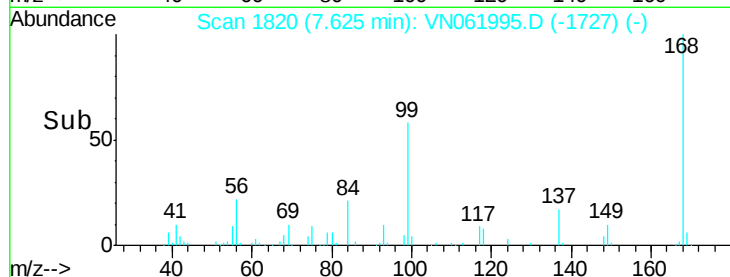
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40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.814 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061995.D

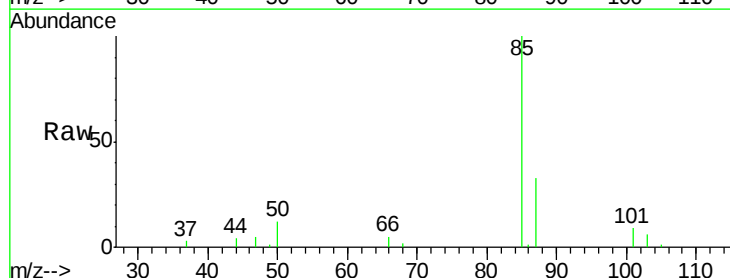
Acq: 22 Jun 2020 13:25

Tgt Ion: 85 Resp: 41289

Ion Ratio Lower Upper

85 100

87 32.8 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

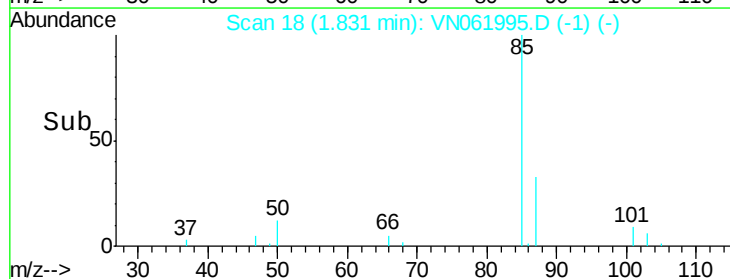
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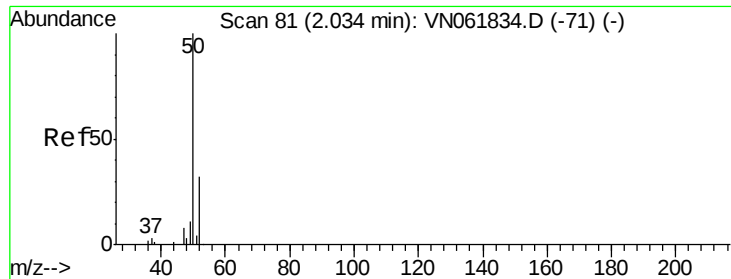
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10000

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Time-->





#3

Chloromethane

Concen: 18.453 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN061995.D

Acq: 22 Jun 2020 13:25

Instrument :

MSVOA_N

ClientSampleId :

VN0622WBS01

Tot Ion: 50 Resp: 43626

Ion Ratio Lower Upper

50 100

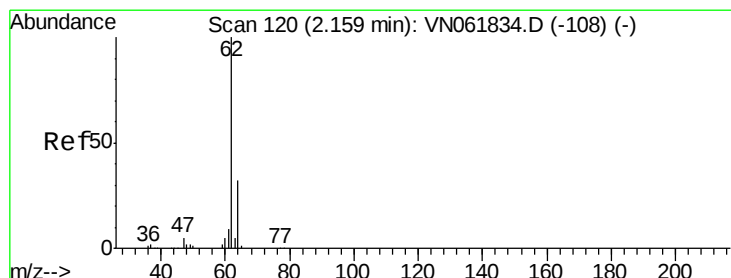
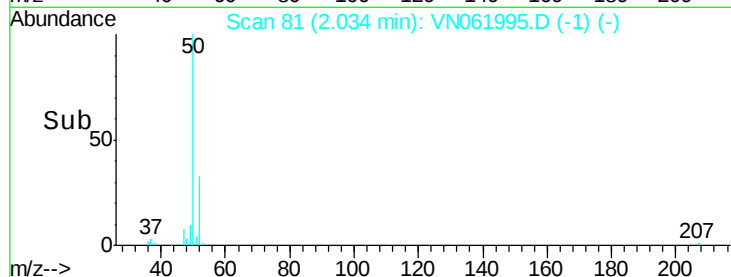
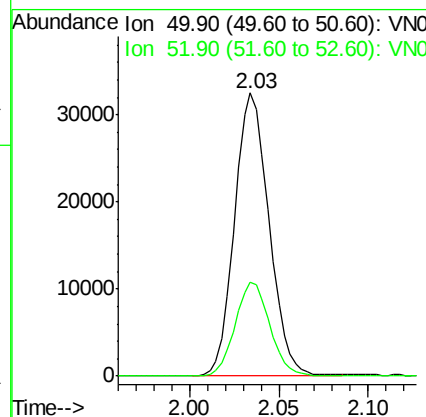
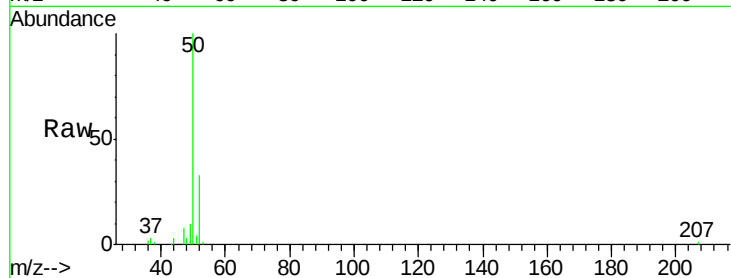
52 33.2 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.044 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN061995.D

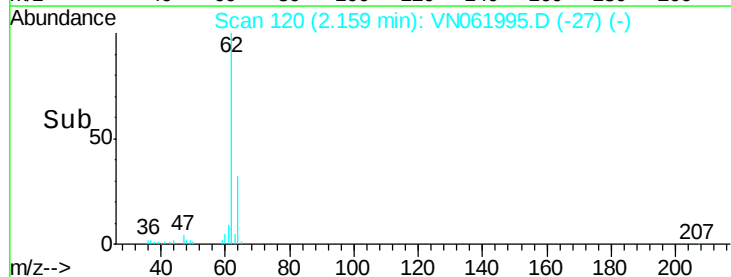
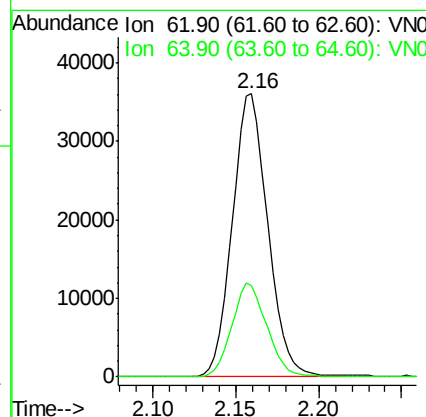
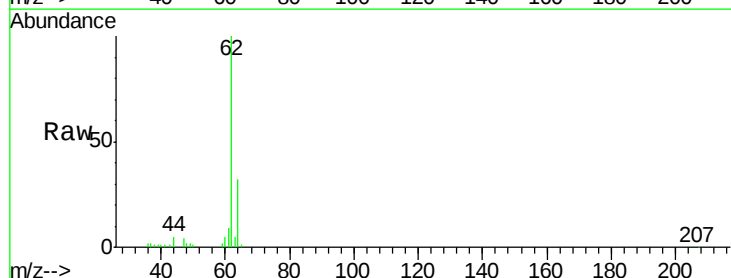
Acq: 22 Jun 2020 13:25

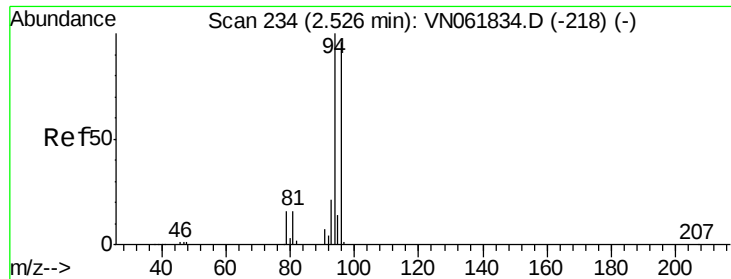
Tgt Ion: 62 Resp: 53675

Ion Ratio Lower Upper

62 100

64 32.4 25.5 38.3





#5

Bromomethane

Concen: 17.023 ug/l

RT: 2.53 min Scan# 234

Delta R.T. 0.00 min

Lab File: VN061995.D

Acq: 22 Jun 2020 13:25

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 36843

Ion Ratio Lower Upper

94 100

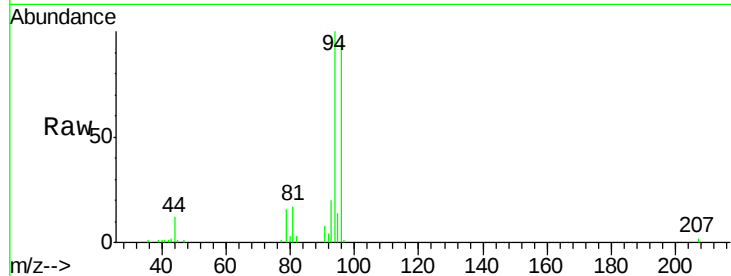
96 95.0 76.7 115.1

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VN061834.D (-218) (-)

Ion 95.90 (95.60 to 96.60): VN061834.D (-218) (-)

2.53

20000

15000

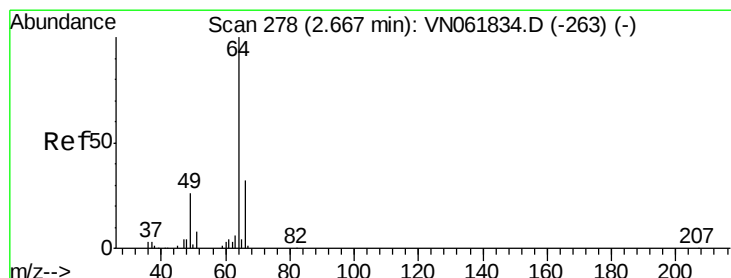
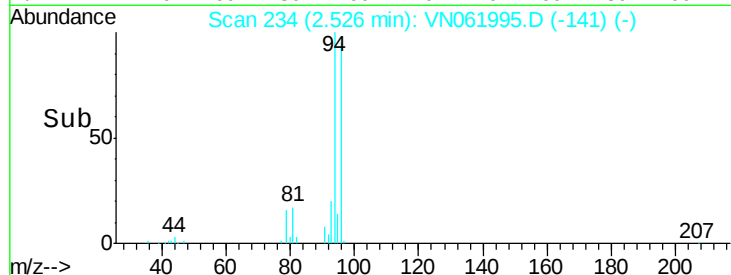
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0

2.50 2.60

Time-->



#6

Chloroethane

Concen: 19.415 ug/l

RT: 2.67 min Scan# 278

Delta R.T. 0.00 min

Lab File: VN061995.D

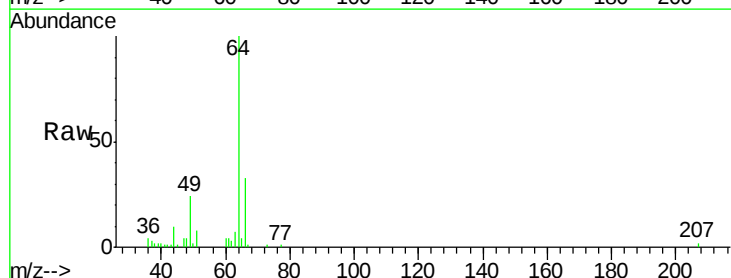
Acq: 22 Jun 2020 13:25

Tgt Ion: 64 Resp: 37033

Ion Ratio Lower Upper

64 100

66 32.9 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VN061834.D (-263) (-)

Ion 65.90 (65.60 to 66.60): VN061834.D (-263) (-)

2.67

20000

15000

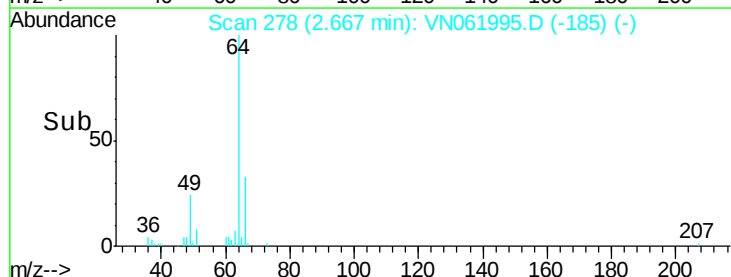
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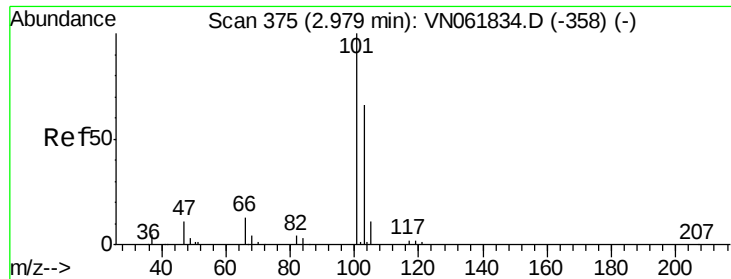
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0

2.60 2.65 2.70 2.75

Time-->





#7

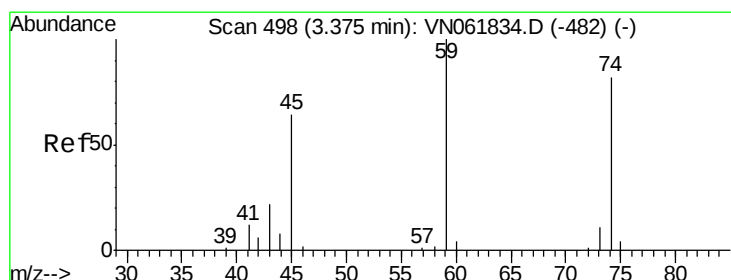
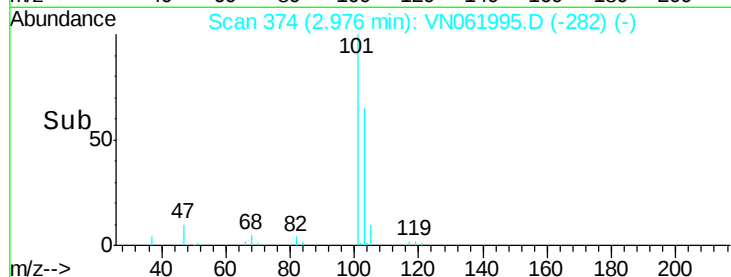
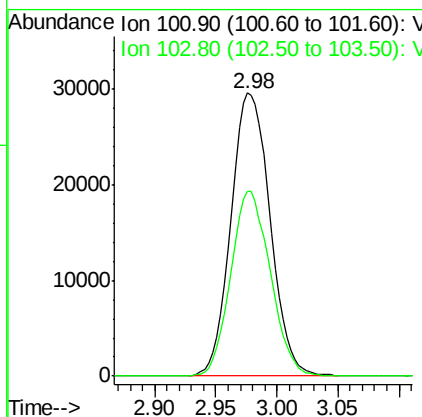
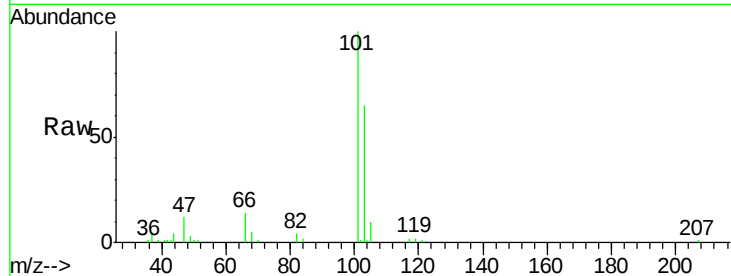
Trichlorofluoromethane
Concen: 19.560 ug/l
RT: 2.98 min Scan# 374
Delta R.T. -0.00 min
Lab File: VN061995.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.4	52.8	79.2

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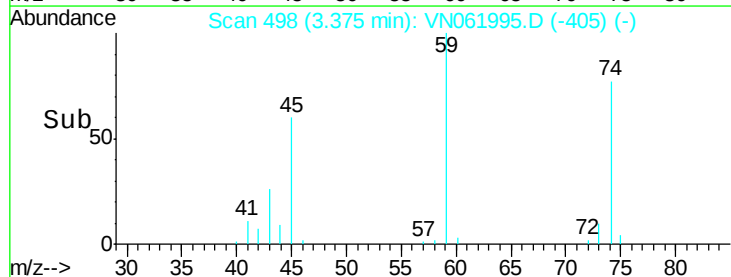
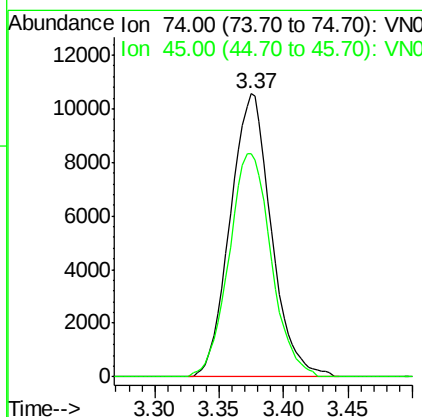
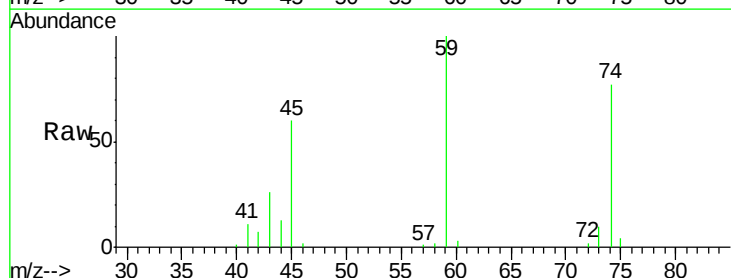
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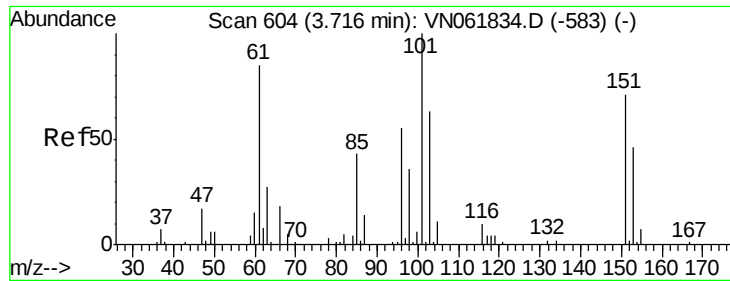


#8

Diethyl Ether
Concen: 20.669 ug/l
RT: 3.37 min Scan# 498
Delta R.T. 0.00 min
Lab File: VN061995.D
Acq: 22 Jun 2020 13:25

Tgt Ion	Ratio	Lower	Upper
74	100		
45	80.9	39.1	117.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.083 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN061995.D

Acq: 22 Jun 2020 13:25

Instrument :

MSVOA_N

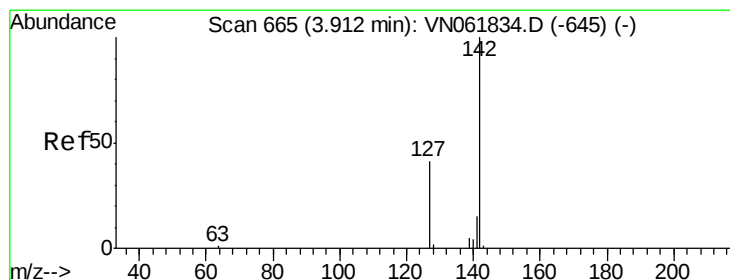
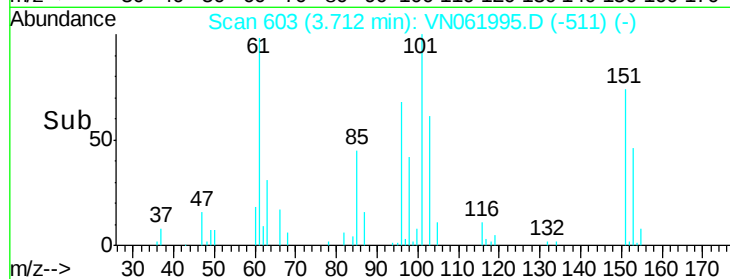
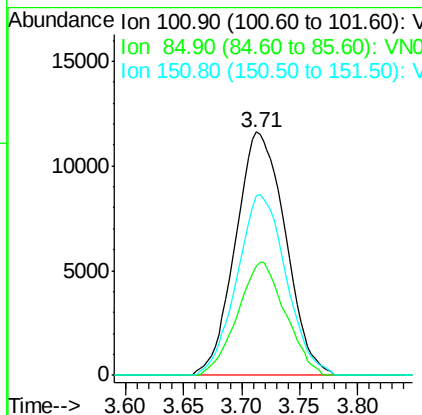
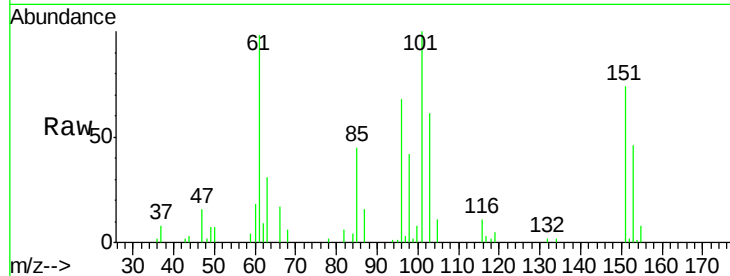
ClientSampleId :

VN0622WBS01

Tot Ion:	101	Resp:	34686
Ion Ratio	Lower	Upper	
101	100		
85	44.5	35.0	52.6
151	73.4	59.2	88.8

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#10

Methyl Iodide

Concen: 22.079 ug/l

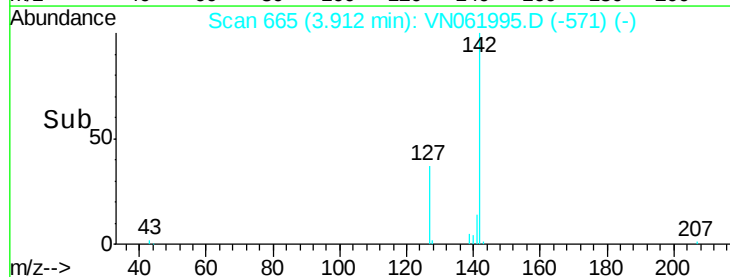
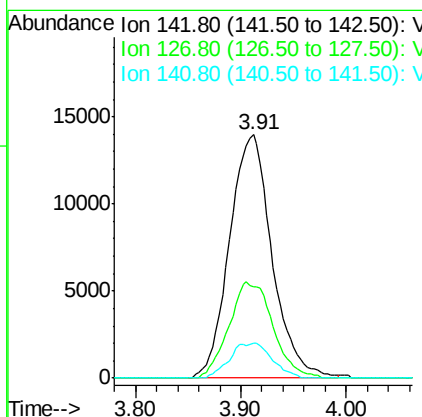
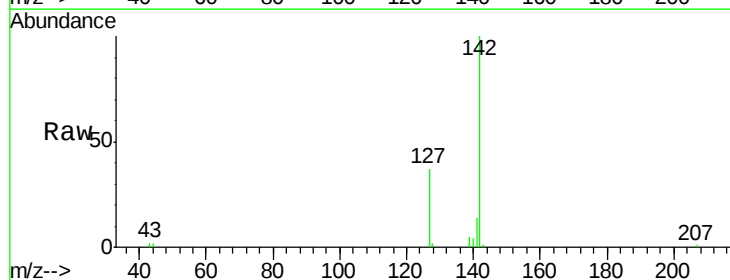
RT: 3.91 min Scan# 665

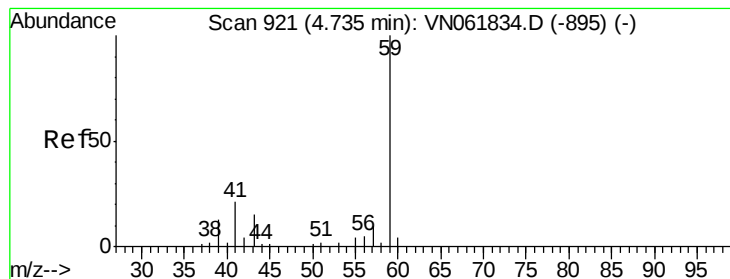
Delta R.T. 0.00 min

Lab File: VN061995.D

Acq: 22 Jun 2020 13:25

Tgt Ion:	142	Resp:	39095
Ion Ratio	Lower	Upper	
142	100		
127	40.8	33.4	50.0
141	6.3	11.3	16.9#





#11

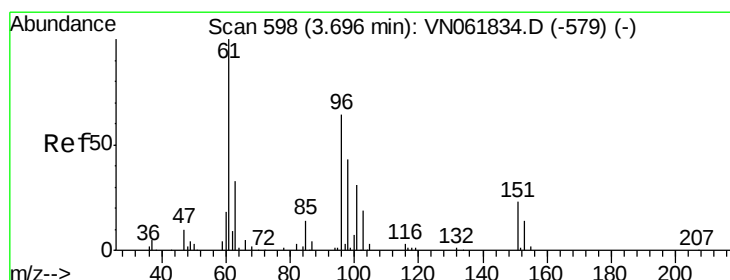
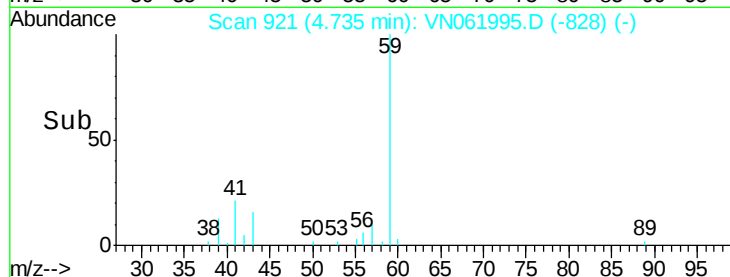
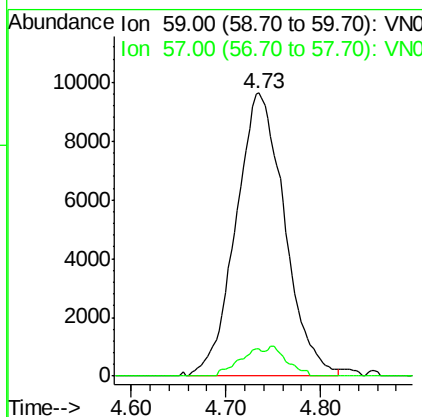
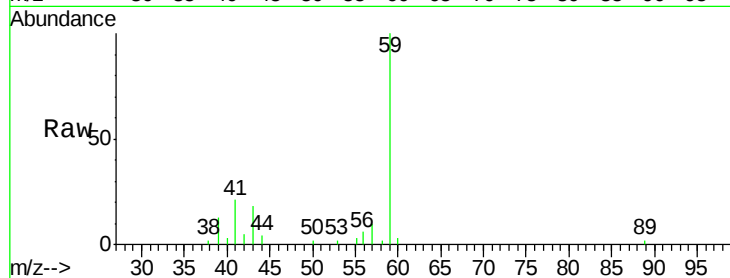
Tert butyl alcohol
Concen: 108.971 ug/l
RT: 4.73 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN061995.D
Acq: 22 Jun 2020 13:25

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	5.2	7.7	11.5#

Manual Integrations
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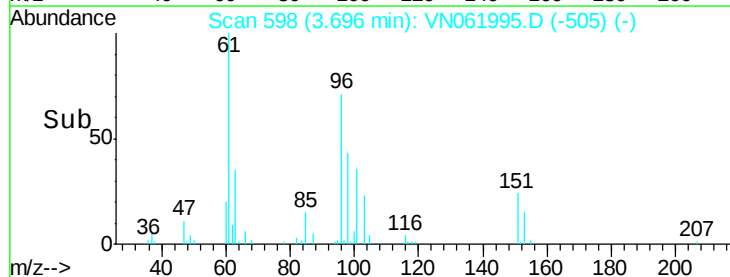
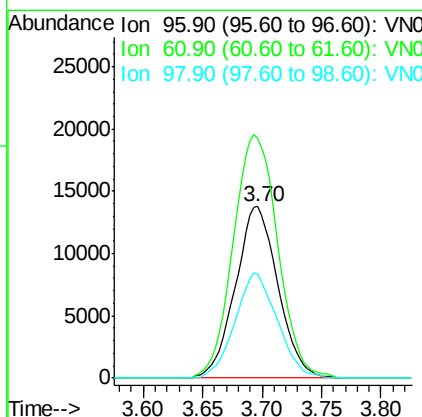
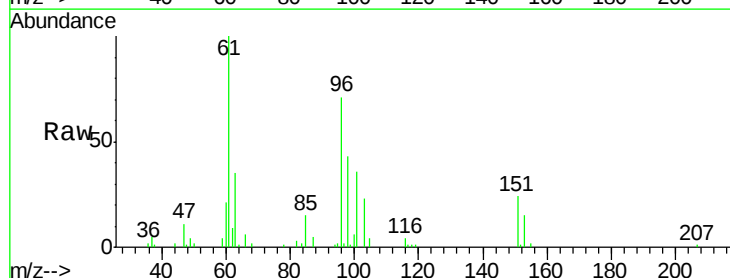
MMDadoda
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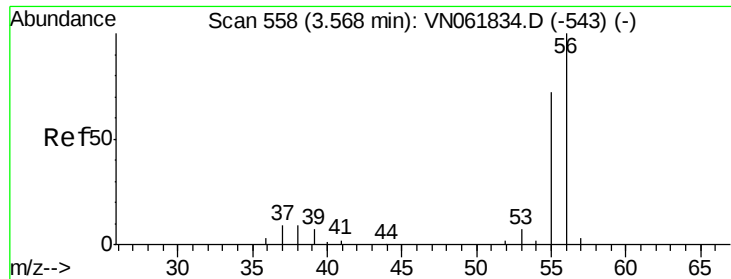


#12

1,1-Dichloroethene
Concen: 19.745 ug/l
RT: 3.70 min Scan# 598
Delta R.T. 0.00 min
Lab File: VN061995.D
Acq: 22 Jun 2020 13:25

Tgt Ion	Ratio	Lower	Upper
96	100		
61	140.2	124.3	186.5
98	60.8	53.1	79.7





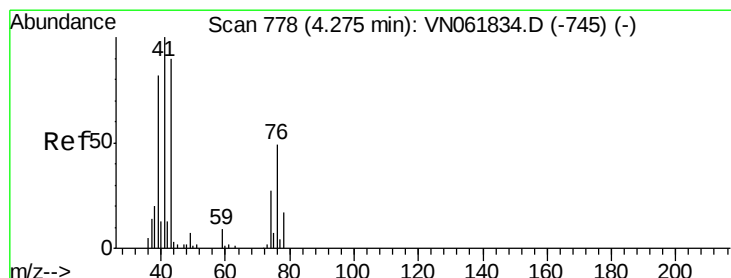
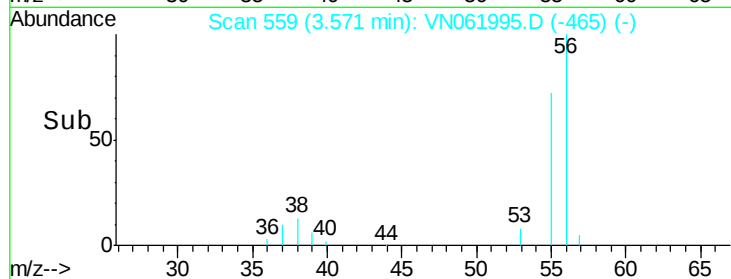
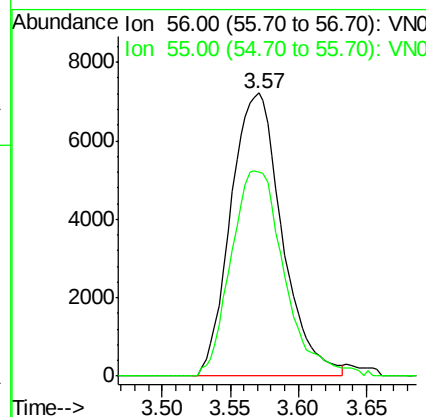
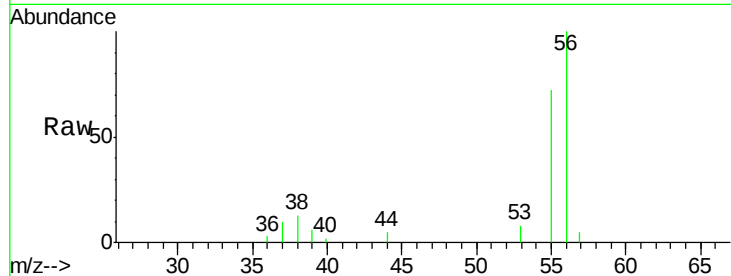
#13
Acrolein
Concen: 99.759 ug/l
RT: 3.57 min Scan# 559
Delta R.T. 0.00 min
Lab File: VN061995.D
Acq: 22 Jun 2020 13:25

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBS01

Tot Ion	56	Resp	18847
Ion Ratio	100	Lower	Upper
56	100		
55	75.3	56.2	84.4

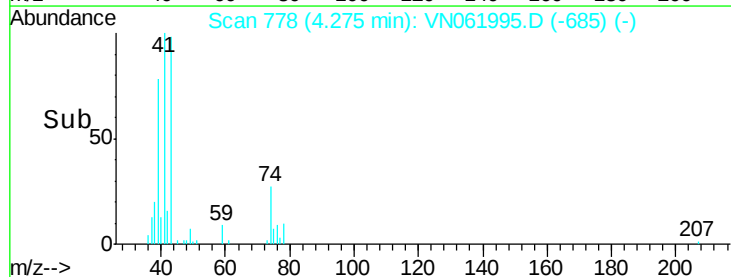
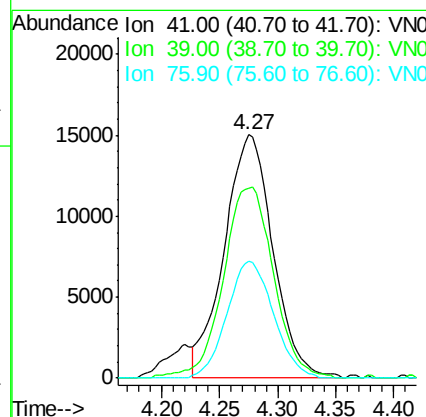
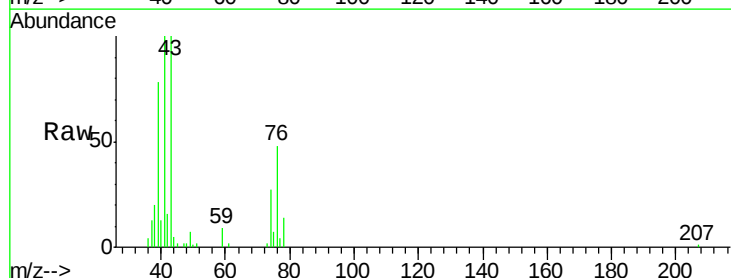
Manual Integrations
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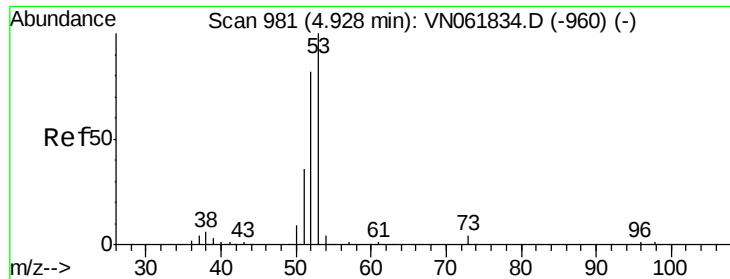
MMDadoda
6/23/2020 12:47:54 PM



#14
Allyl chloride
Concen: 19.160 ug/l
RT: 4.27 min Scan# 778
Delta R.T. 0.00 min
Lab File: VN061995.D
Acq: 22 Jun 2020 13:25

Tgt Ion	41	Resp	44008
Ion Ratio	100	Lower	Upper
41	100		
39	80.9	60.2	90.2
76	45.6	36.3	54.5





#15

Acrylonitrile

Concen: 112.534 ug/l

RT: 4.93 min Scan# 983

Delta R.T. 0.01 min

Lab File: VN061995.D

Acq: 22 Jun 2020 13:25

Instrument :

MSVOA_N

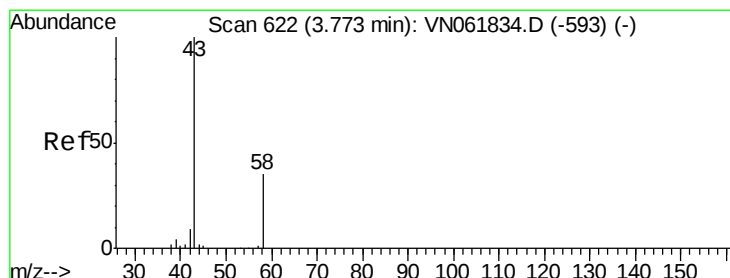
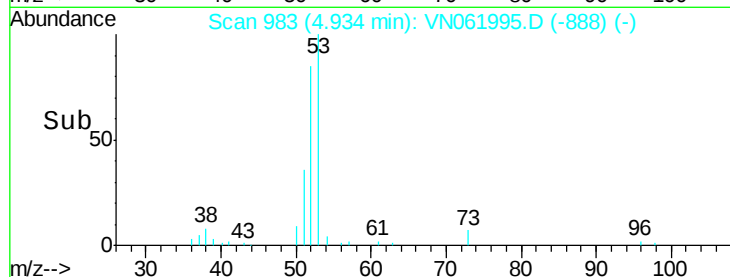
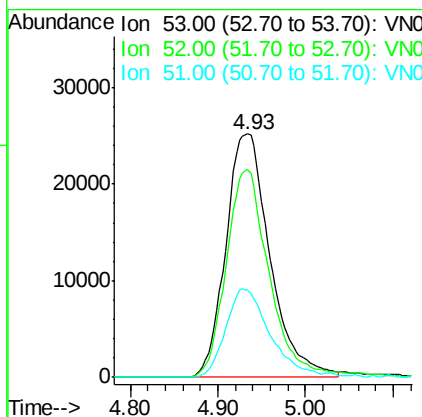
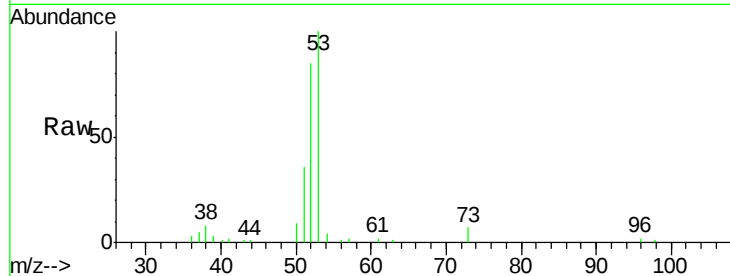
ClientSampleId :

VN0622WBS01

Tot Ion:	53	Resp:	88142
Ion	Ratio	Lower	Upper
53	100		
52	83.0	65.2	97.8
51	36.2	29.3	43.9

Manual Integrations
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#16

Acetone

Concen: 107.121 ug/l

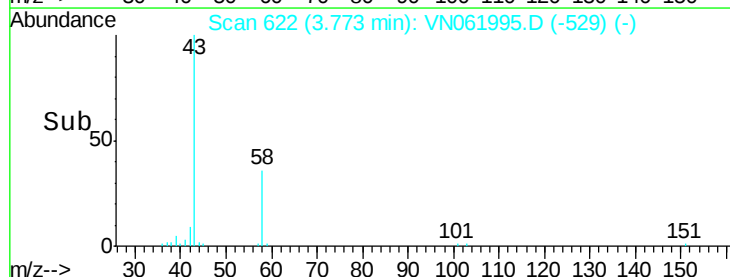
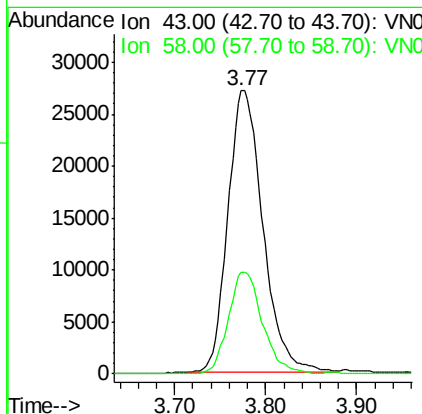
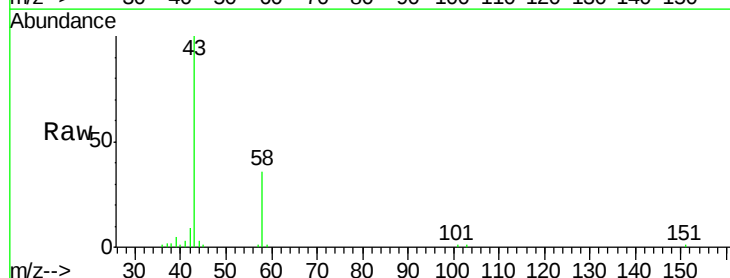
RT: 3.77 min Scan# 622

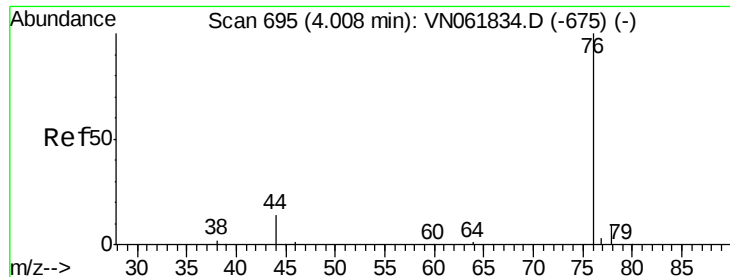
Delta R.T. 0.00 min

Lab File: VN061995.D

Acq: 22 Jun 2020 13:25

Tgt Ion:	43	Resp:	72279
Ion	Ratio	Lower	Upper
43	100		
58	36.2	27.8	41.8





#17

Carbon Disulfide

Concen: 15.727 ug/l

RT: 4.01 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN061995.D

Acq: 22 Jun 2020 13:25

Tot Ion: 76 Resp: 79638

Ion Ratio Lower Upper

76 100

78 8.7 7.3 10.9

Instrument :

MSVOA_N

ClientSampleId :

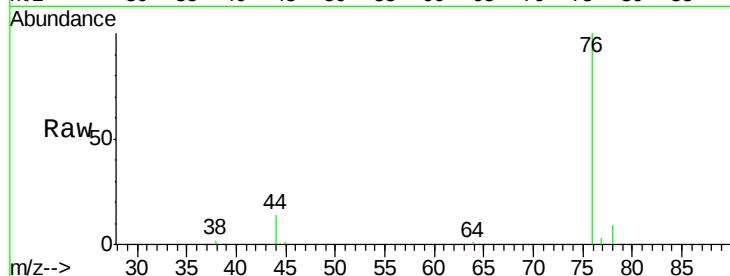
VN0622WBS01

Manual Integrations

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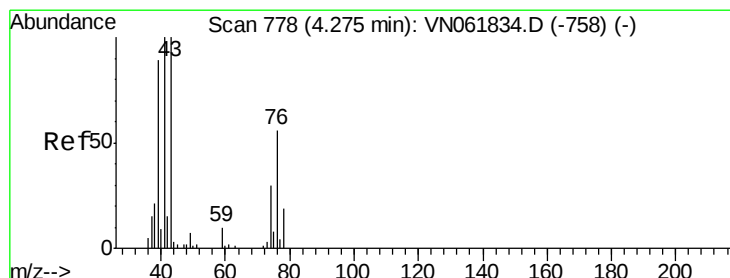
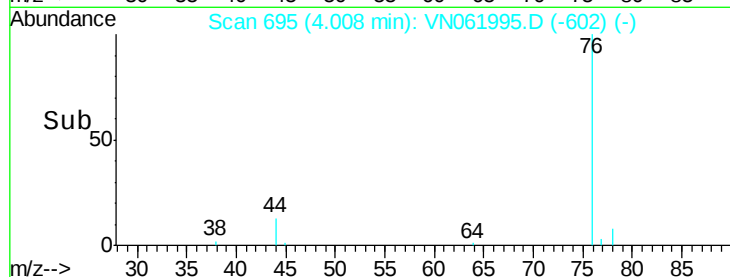
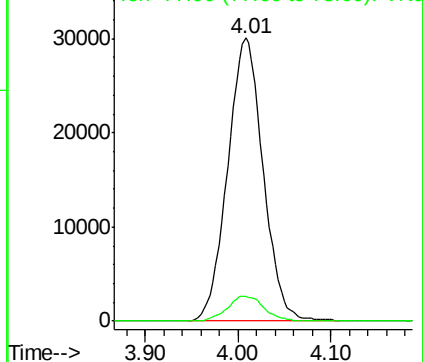
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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 22.784 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN061995.D

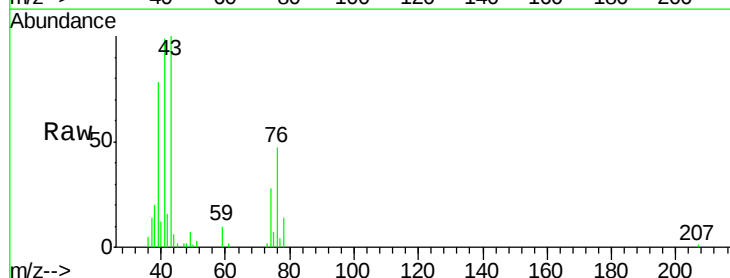
Acq: 22 Jun 2020 13:25

Tgt Ion: 43 Resp: 44261

Ion Ratio Lower Upper

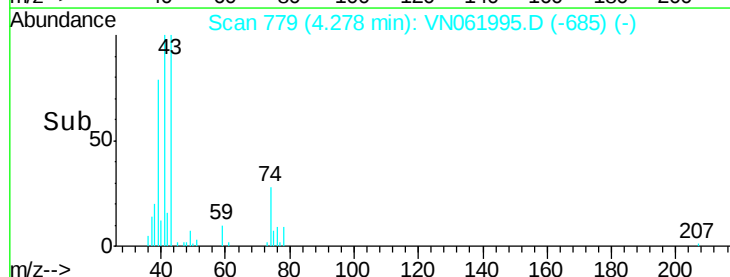
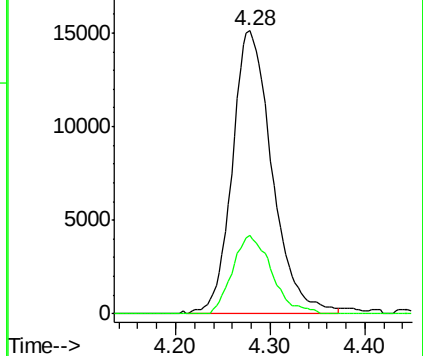
43 100

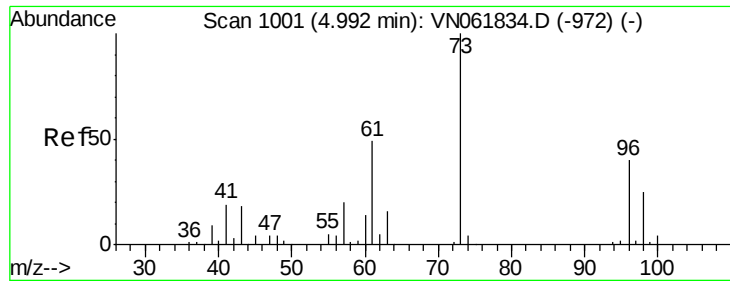
74 27.3 23.0 34.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





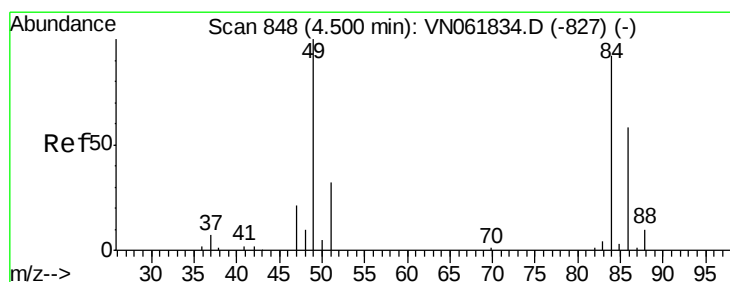
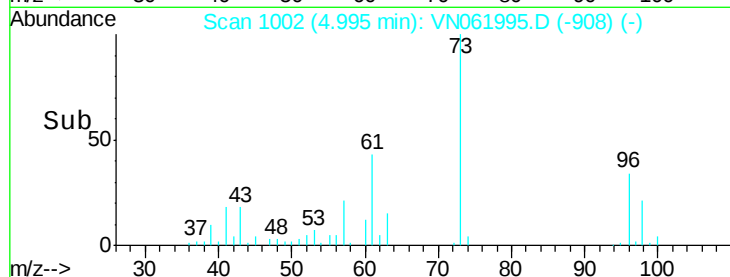
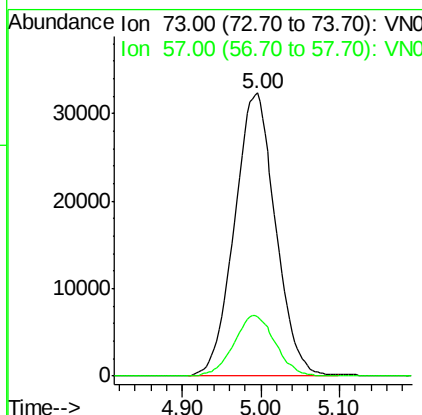
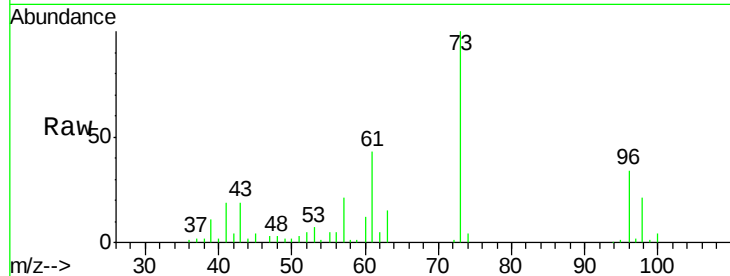
#19
Methvl tert-butvl Ether
Concen: 20.516 ug/l
RT: 5.00 min Scan# 1002
Delta R.T. 0.00 min
Lab File: VN061995.D
Acq: 22 Jun 2020 13:25

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBS01

Tot Ion: 73 Resp: 118216
Ion Ratio Lower Upper
73 100
57 21.2 16.2 24.4

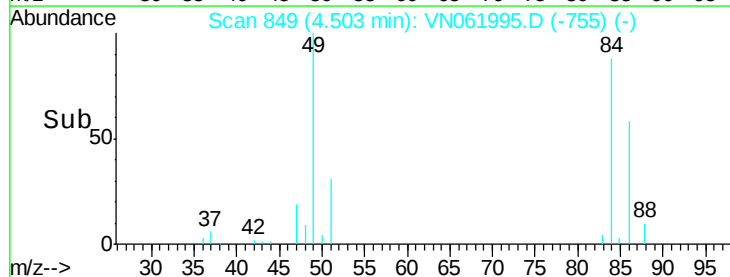
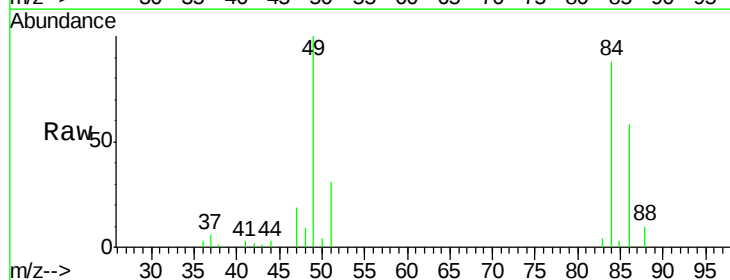
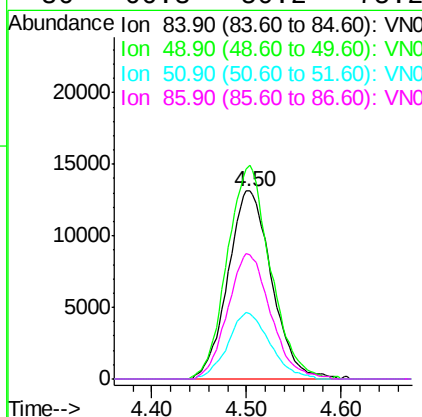
Manual Integrations
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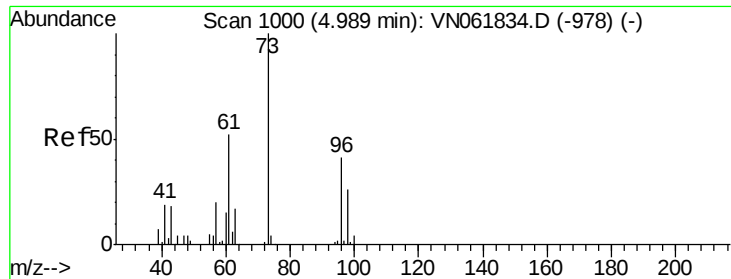
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#20
Methylene Chloride
Concen: 19.188 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN061995.D
Acq: 22 Jun 2020 13:25

Tgt Ion: 84 Resp: 42181
Ion Ratio Lower Upper
84 100
49 113.7 87.0 130.4
51 35.0 27.8 41.6
86 66.3 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 18.823 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN061995.D

Acq: 22 Jun 2020 13:25

Instrument :

MSVOA_N

ClientSampleId :

VN0622WBS01

Tot Ion: 96 Resp: 37415

Ion Ratio Lower Upper

96 100

61 125.6 102.2 153.4

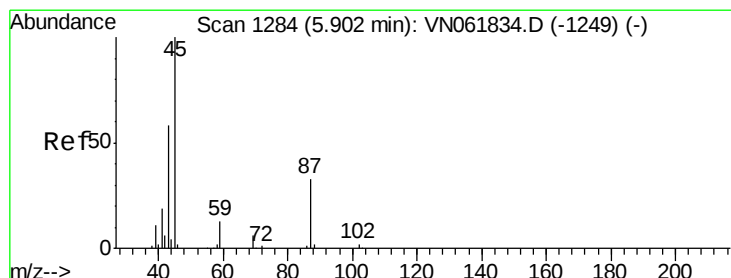
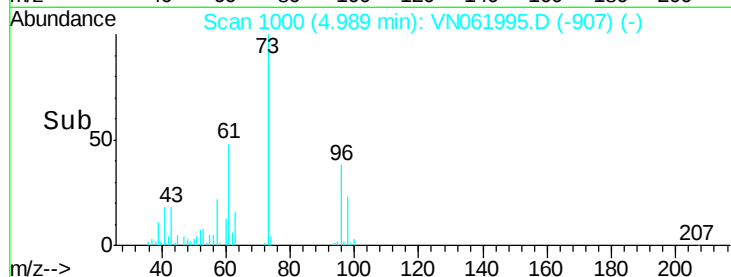
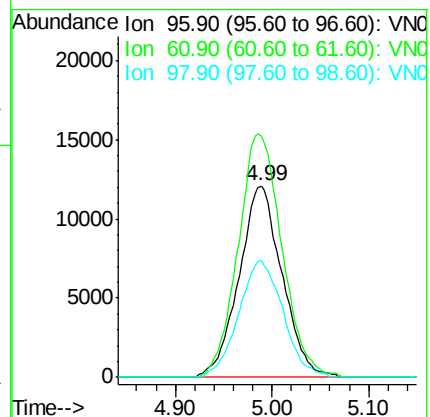
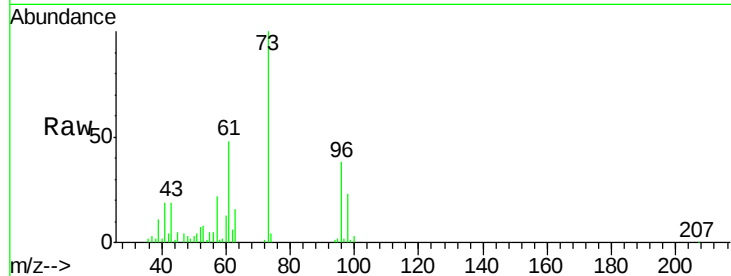
98 60.7 51.2 76.8

Manual Integrations

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#22

Diisopropyl ether

Concen: 21.014 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VN061995.D

Acq: 22 Jun 2020 13:25

Tgt Ion: 45 Resp: 110386

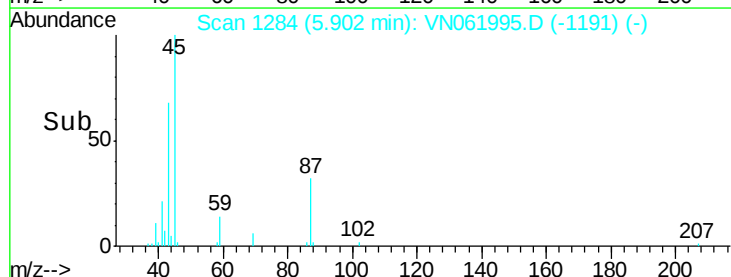
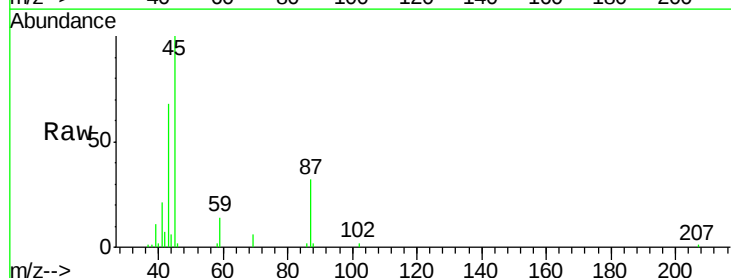
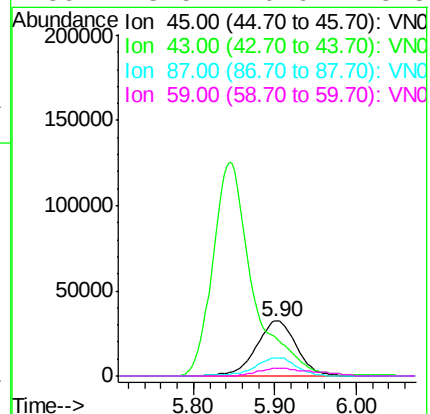
Ion Ratio Lower Upper

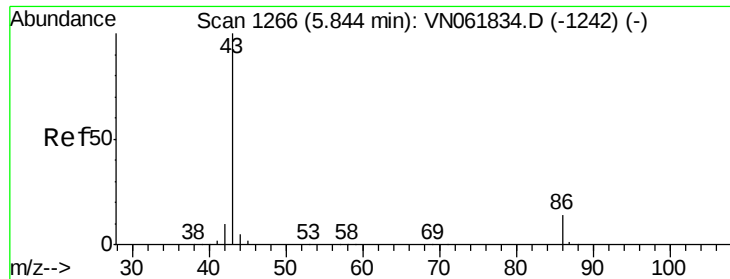
45 100

43 64.5 49.4 74.2

87 32.4 27.4 41.0

59 13.5 10.6 15.8





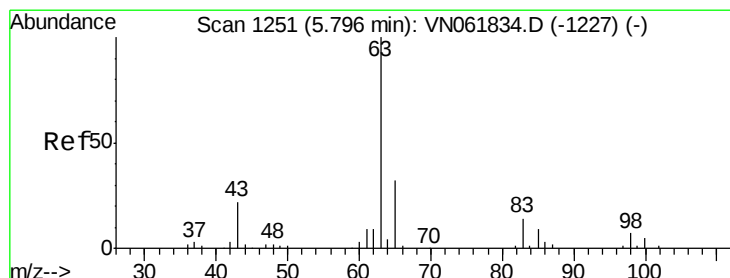
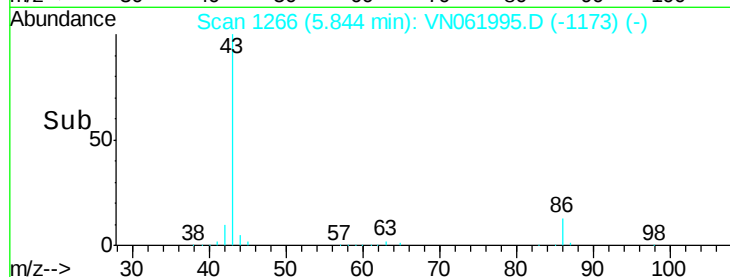
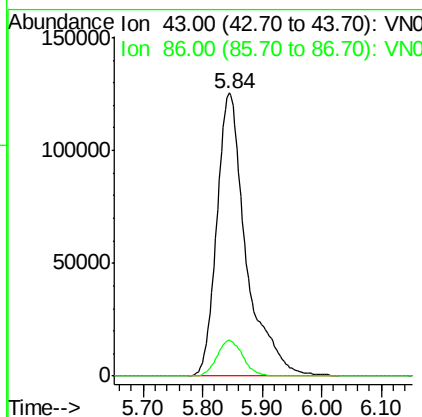
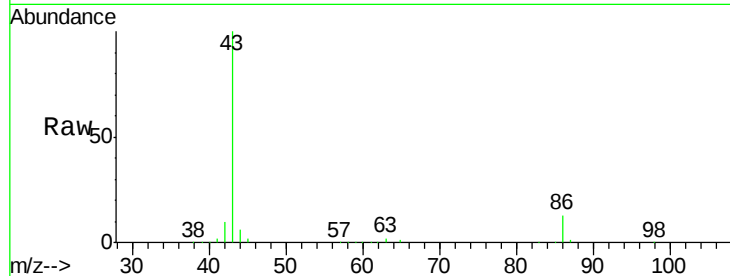
#23
 Vinyl Acetate
 Concen: 104.050 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: VN061995.D
 Acq: 22 Jun 2020 13:25

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0622WBS01

Tot Ion	43	Resp	429888
Ion Ratio	Lower	Upper	
43	100		
86	12.7	10.9	16.3

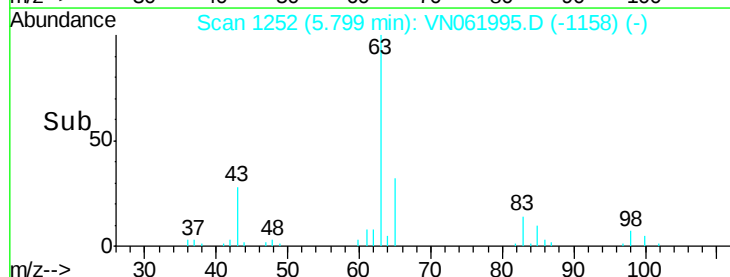
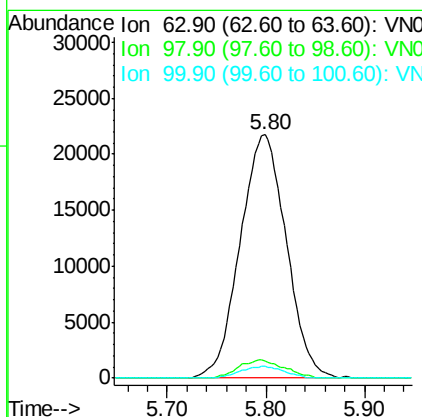
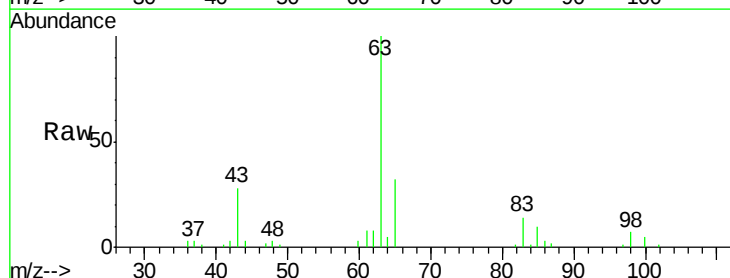
Manual Integrations
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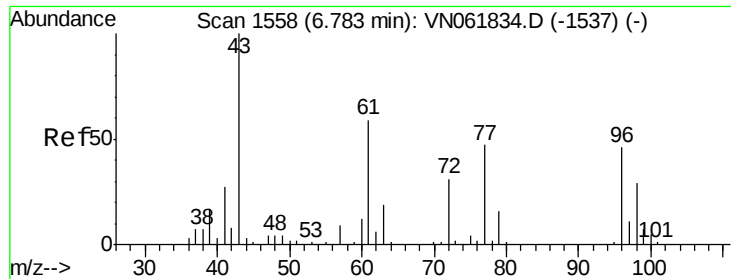
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 20.398 ug/l
 RT: 5.80 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VN061995.D
 Acq: 22 Jun 2020 13:25

Tgt Ion	63	Resp	70142
Ion Ratio	Lower	Upper	
63	100		
98	6.9	3.5	10.4
100	4.8	2.5	7.4





#25

2-Butanone

Concen: 111.424 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. 0.00 min

Lab File: VN061995.D

Acq: 22 Jun 2020 13:25

Instrument :

MSVOA_N

ClientSampleId :

VN0622WBS01

Tot Ion: 43 Resp: 109692

Ion Ratio Lower Upper

43 100

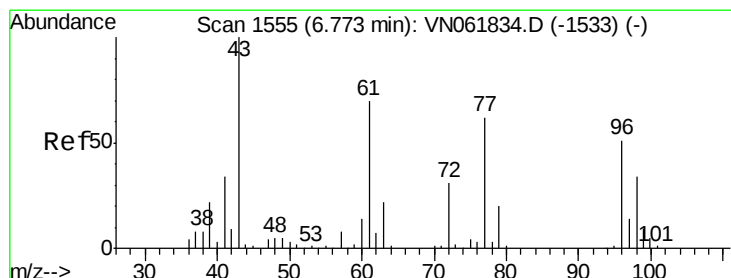
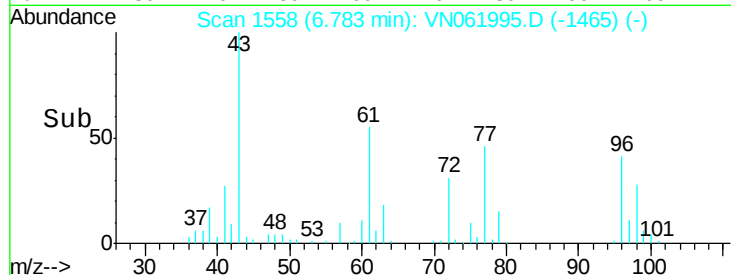
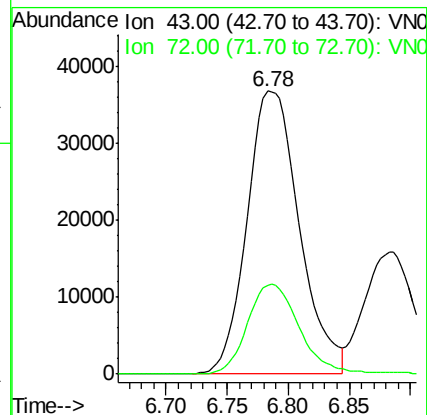
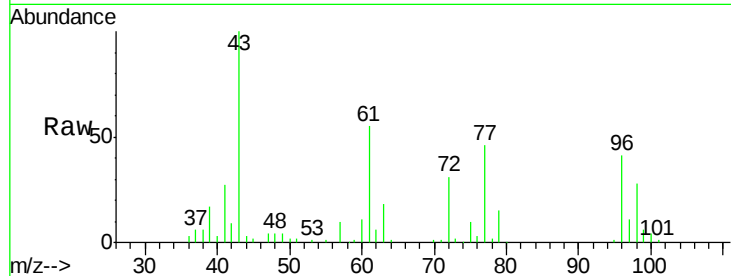
72 31.5 24.6 37.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.495 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. 0.00 min

Lab File: VN061995.D

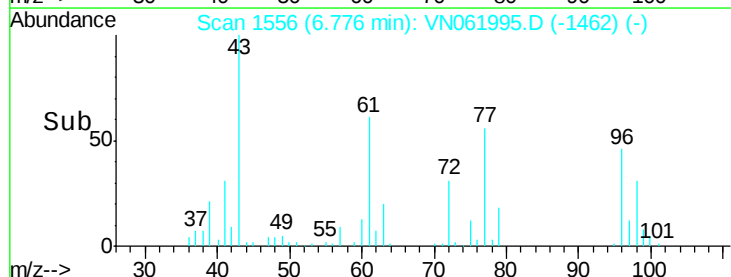
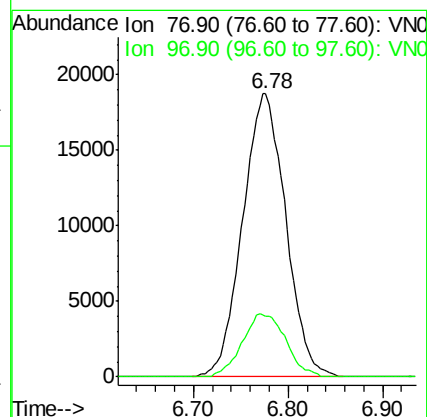
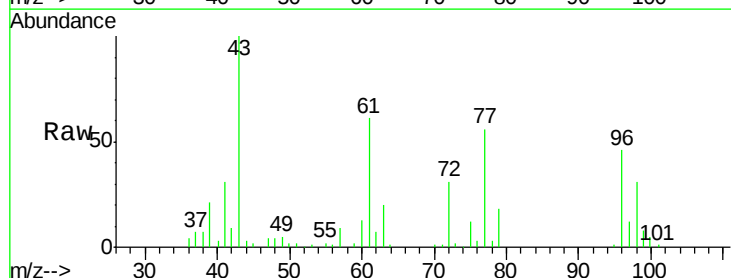
Acq: 22 Jun 2020 13:25

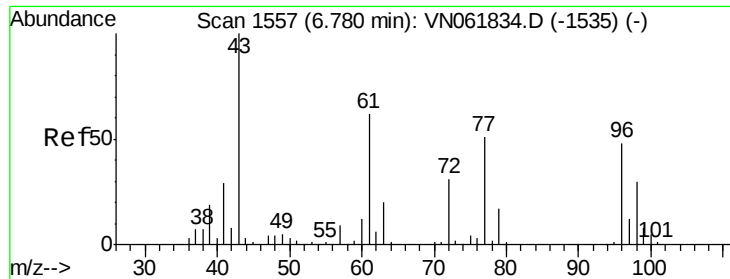
Tgt Ion: 77 Resp: 59295

Ion Ratio Lower Upper

77 100

97 22.5 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 19.611 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN061995.D

Acq: 22 Jun 2020 13:25

Instrument :

MSVOA_N

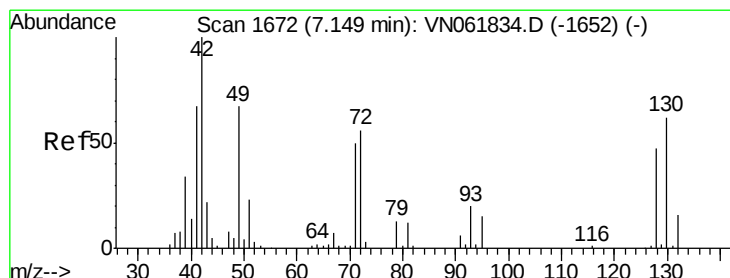
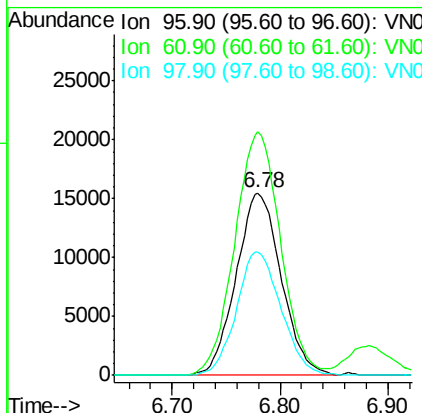
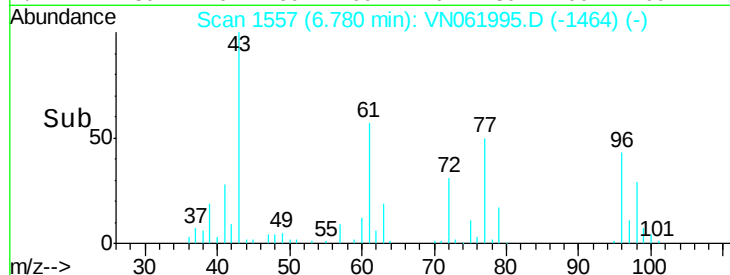
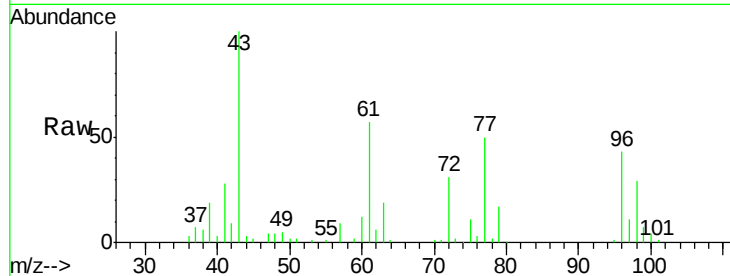
ClientSampled :

VN0622WBS01

Tot Ion:	96	Resp:	44980
Ion	Ratio	Lower	Upper
96	100		
61	135.8	0.0	265.6
98	66.9	0.0	128.2

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#28

Bromochloromethane

Concen: 21.983 ug/l

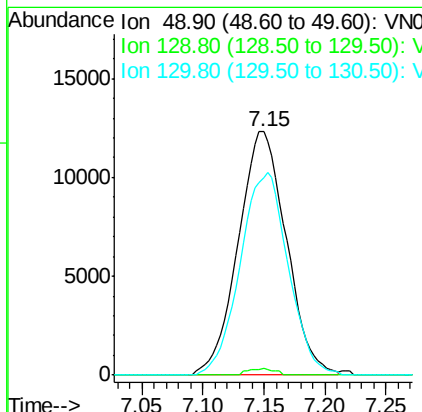
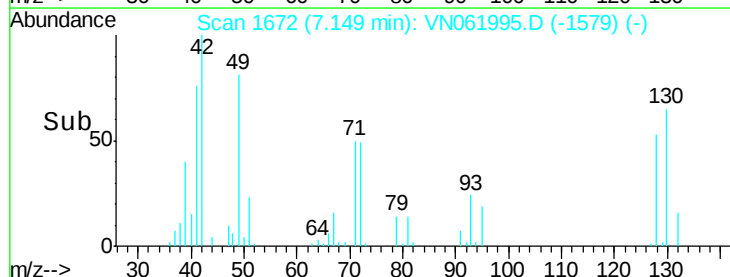
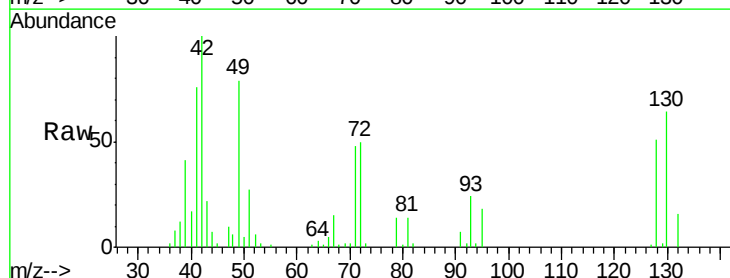
RT: 7.15 min Scan# 1672

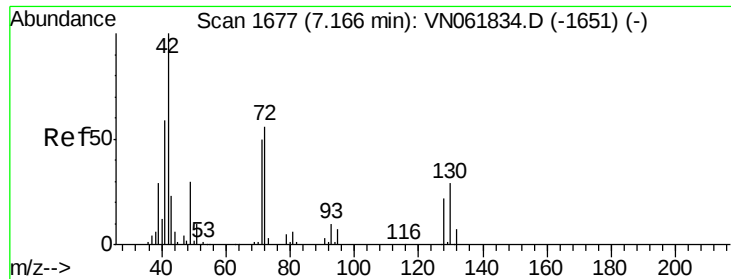
Delta R.T. 0.00 min

Lab File: VN061995.D

Acq: 22 Jun 2020 13:25

Tgt Ion:	49	Resp:	33658
Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	4.0
130	83.0	72.2	108.2





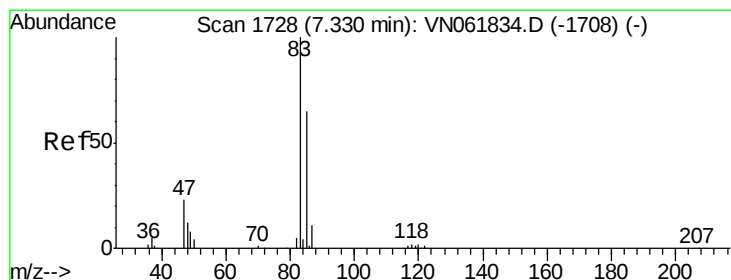
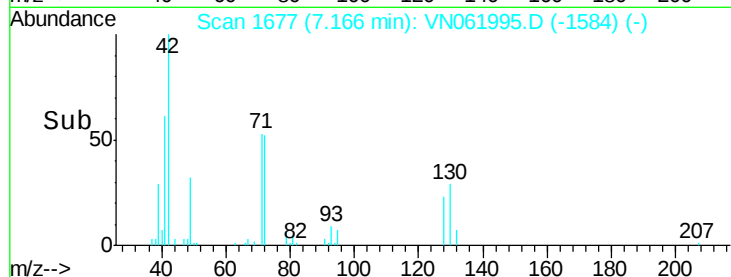
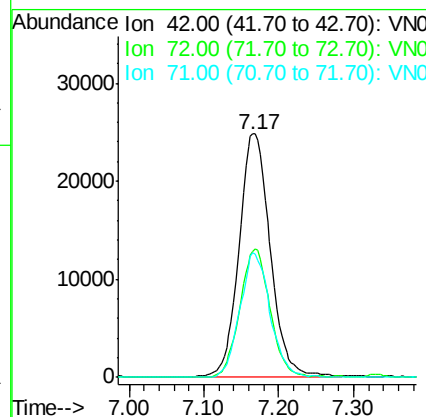
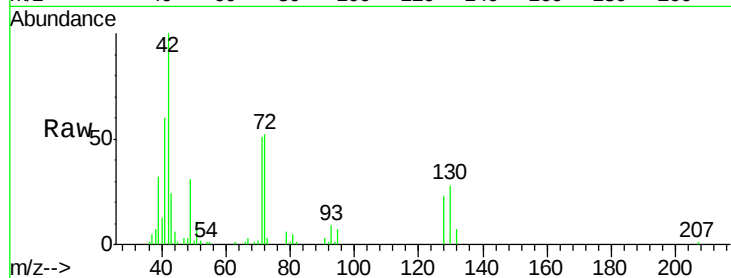
#29
Tetrahydrofuran
Concen: 111.884 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.00 min
Lab File: VN061995.D
Acq: 22 Jun 2020 13:25

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.5	44.0	66.0
71	48.8	40.0	60.0

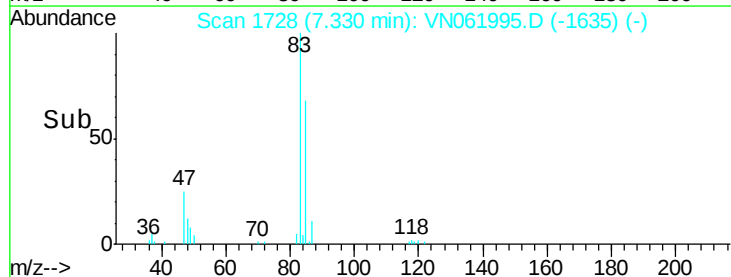
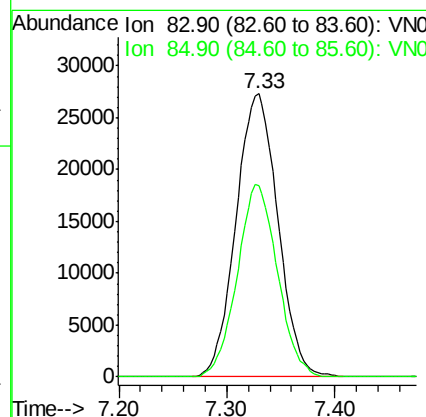
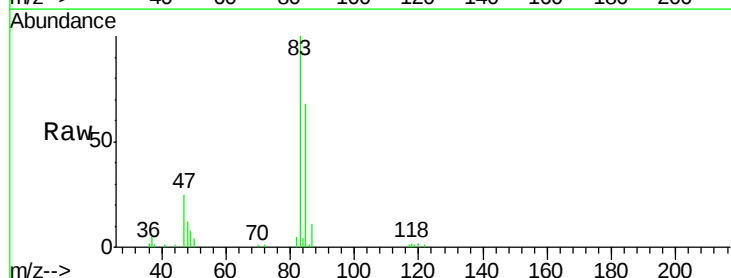
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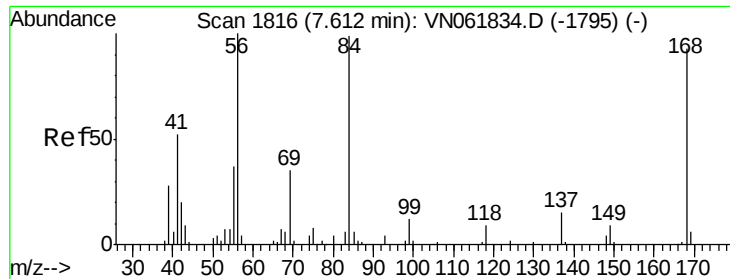
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#30
Chloroform
Concen: 20.086 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. 0.00 min
Lab File: VN061995.D
Acq: 22 Jun 2020 13:25

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.8	52.0	78.0





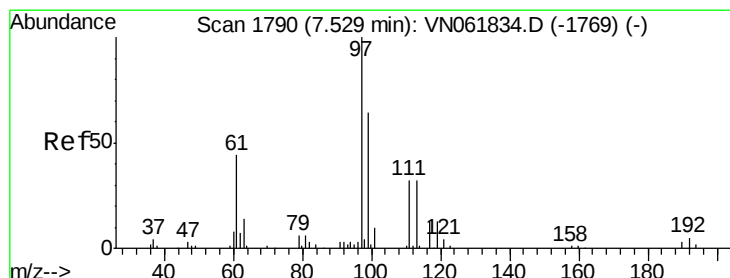
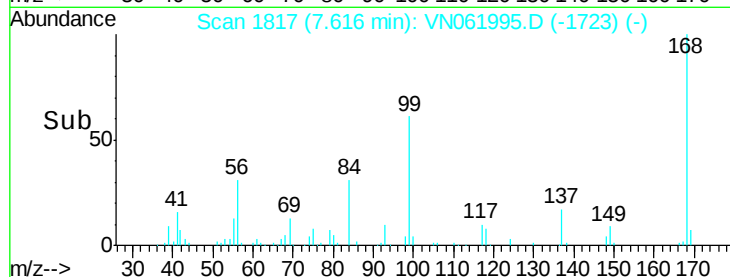
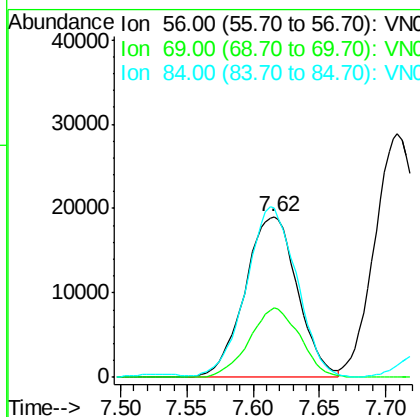
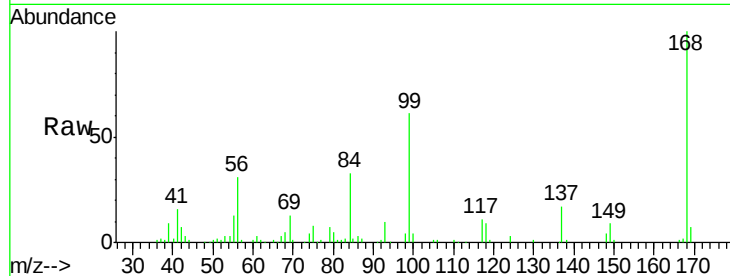
#31
Cyclohexane
Concen: 17.446 ug/l
RT: 7.62 min Scan# 1817
Delta R.T. 0.00 min
Lab File: VN061995.D
Acq: 22 Jun 2020 13:25

Instrument :
MSVOA_N
ClientSampled :
VN0622WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	43.2	27.7	41.5#
84	103.8	79.1	118.7

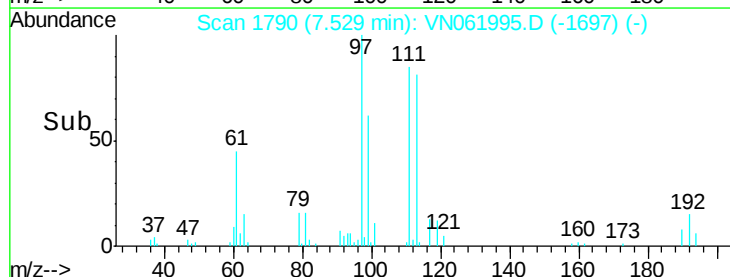
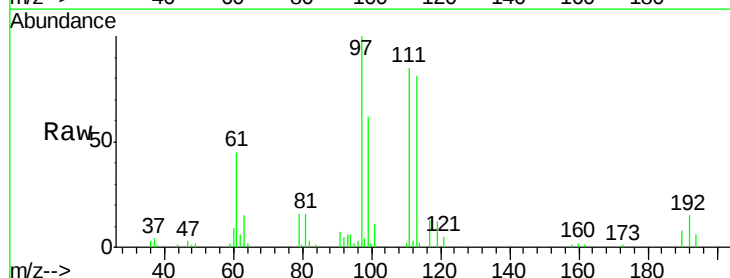
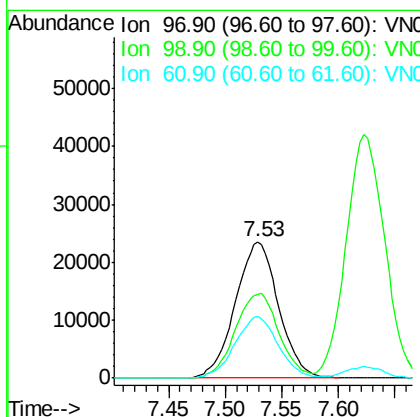
Manual Integrations
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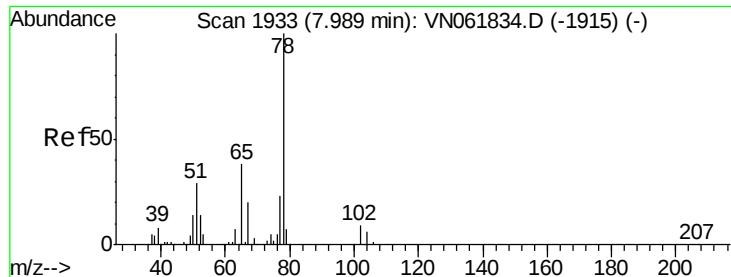
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 19.916 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VN061995.D
Acq: 22 Jun 2020 13:25

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.0	51.5	77.3
61	45.3	35.1	52.7





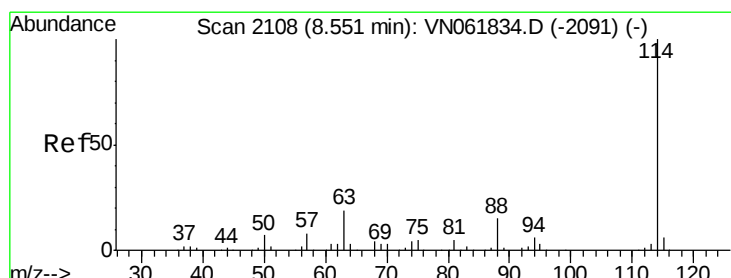
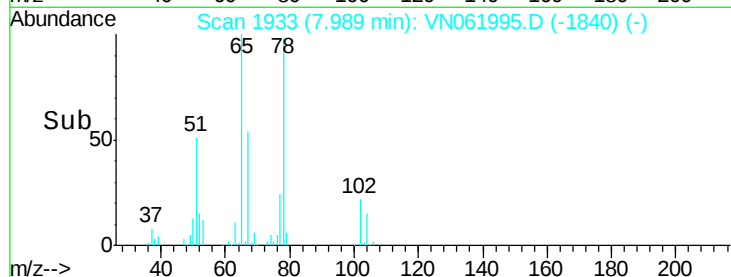
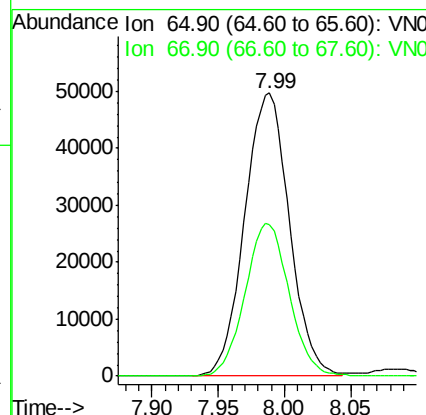
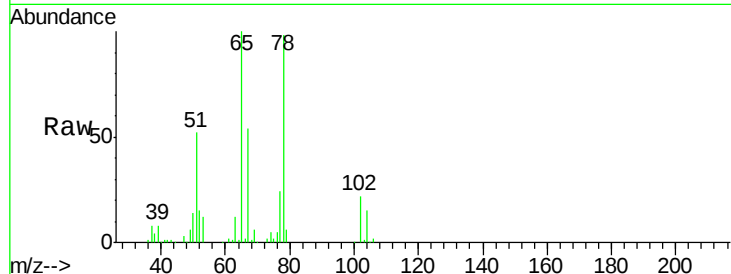
#33
 1,2-Dichloroethane-d4
 Concen: 51.131 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN061995.D
 Acq: 22 Jun 2020 13:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.3	0.0	106.2	

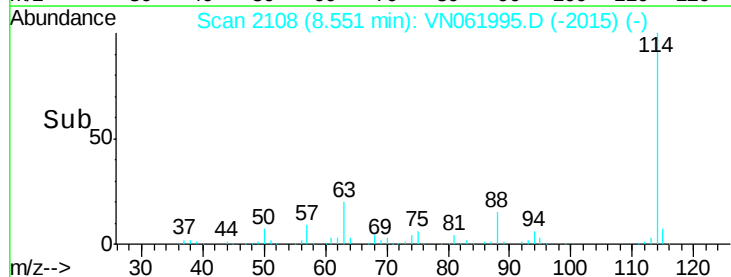
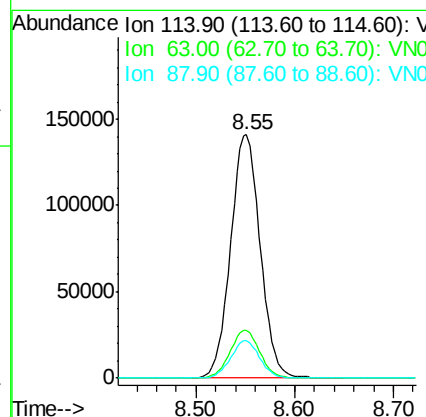
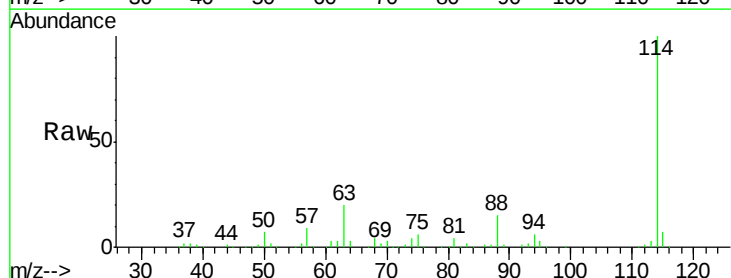
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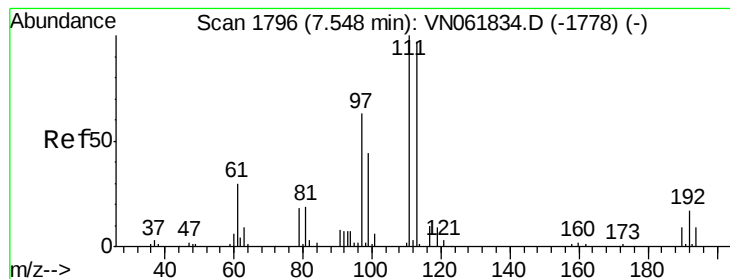
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN061995.D
 Acq: 22 Jun 2020 13:25

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	19.8	0.0	37.6	
88	15.4	0.0	31.0	





#35

Dibromofluoromethane

Concen: 51.031 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VN061995.D

Acq: 22 Jun 2020 13:25

Instrument :

MSVOA_N

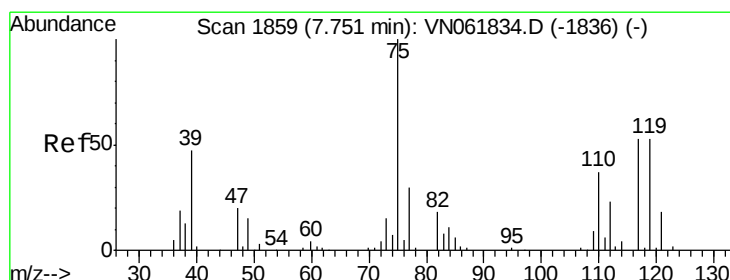
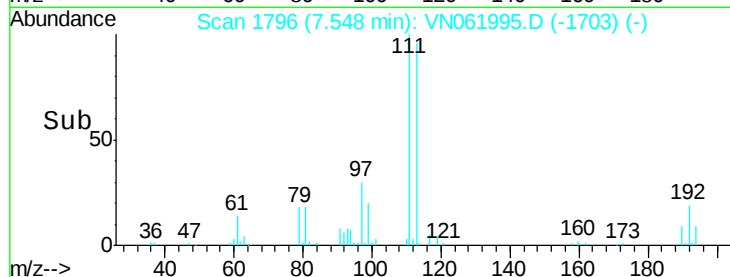
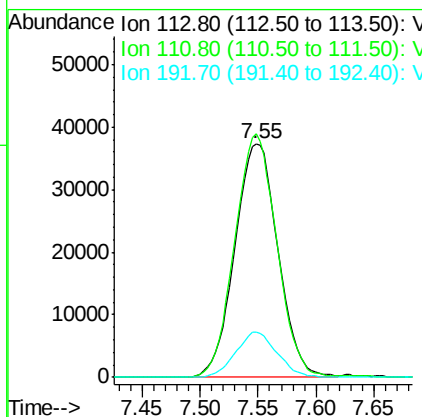
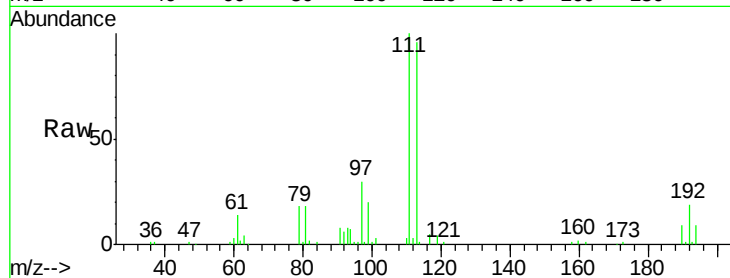
ClientSampleId :

VN0622WBS01

Tot Ion:	113	Resp:	96516
Ion	Ratio	Lower	Upper
113	100		
111	101.9	83.7	125.5
192	18.4	13.9	20.9

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#36

1,1-Dichloropropene

Concen: 19.028 ug/l

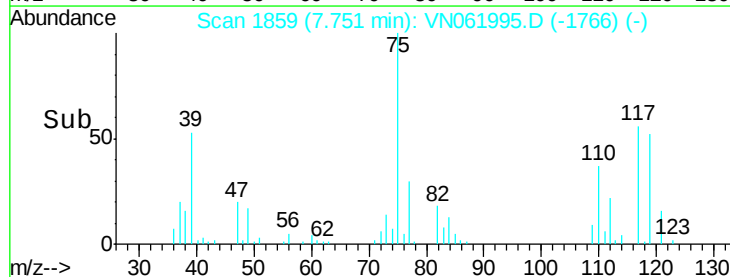
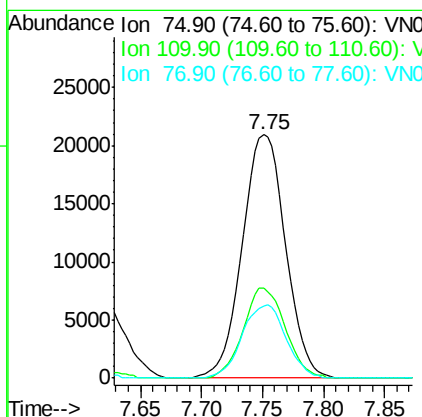
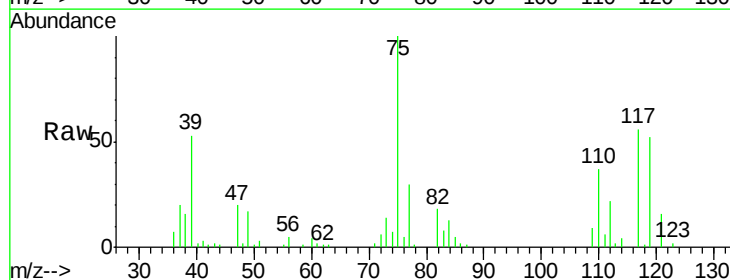
RT: 7.75 min Scan# 1859

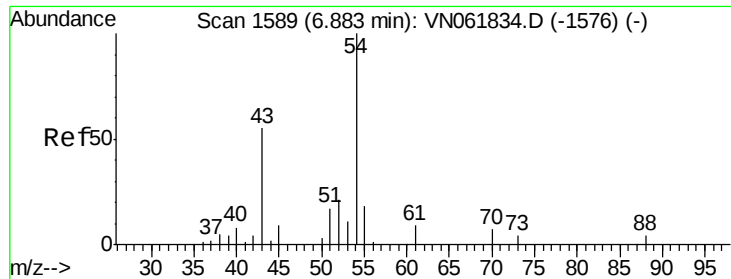
Delta R.T. 0.00 min

Lab File: VN061995.D

Acq: 22 Jun 2020 13:25

Tgt Ion:	75	Resp:	51309
Ion	Ratio	Lower	Upper
75	100		
110	35.9	18.2	54.6
77	30.6	24.2	36.4





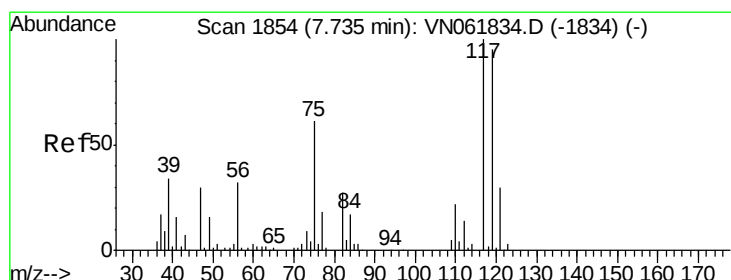
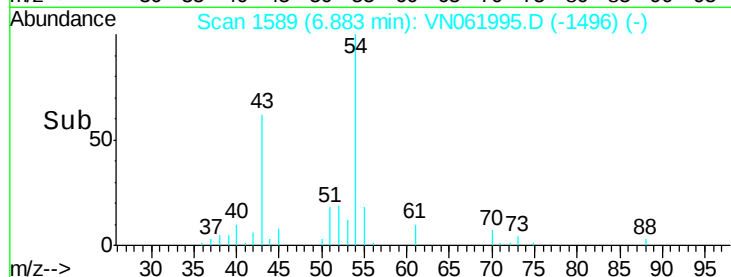
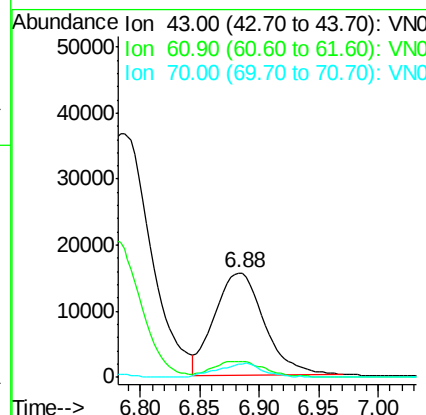
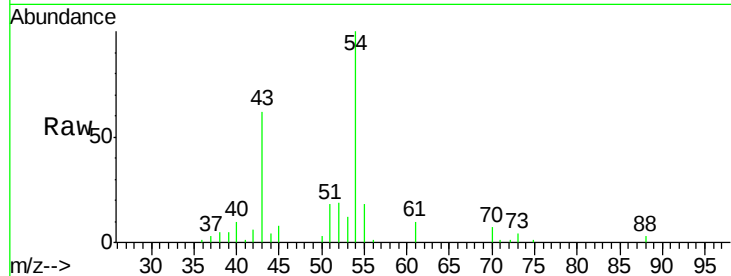
#37
Ethyl Acetate
Concen: 21.486 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. 0.00 min
Lab File: VN061995.D
Acq: 22 Jun 2020 13:25

Instrument :
MSVOA_N
ClientSampleID :
VN0622WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.5	13.0	19.4
70	11.9	9.4	14.2

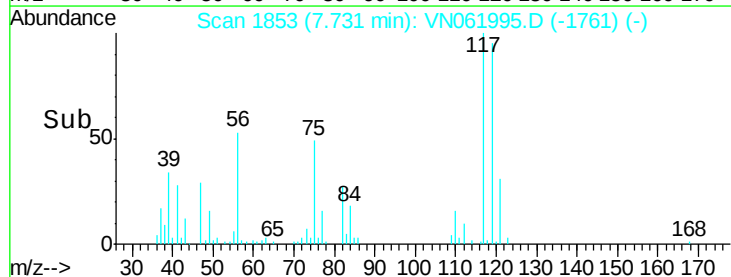
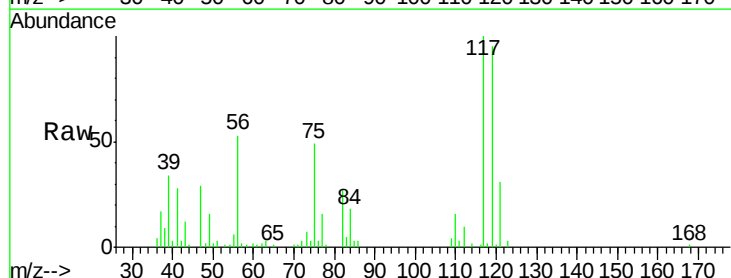
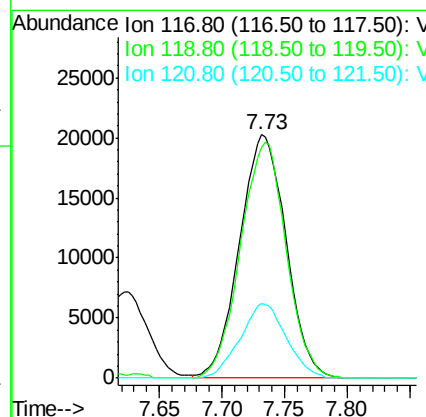
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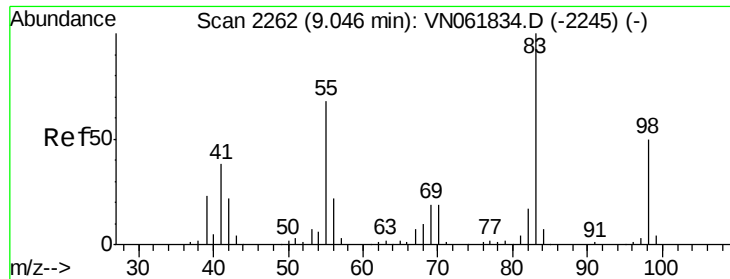
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#38
Carbon Tetrachloride
Concen: 19.565 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN061995.D
Acq: 22 Jun 2020 13:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.6	75.8	113.6
121	30.6	23.8	35.6





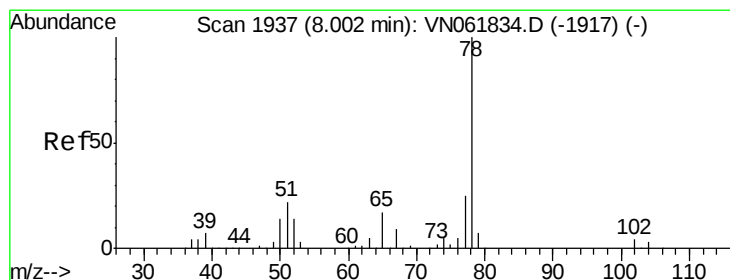
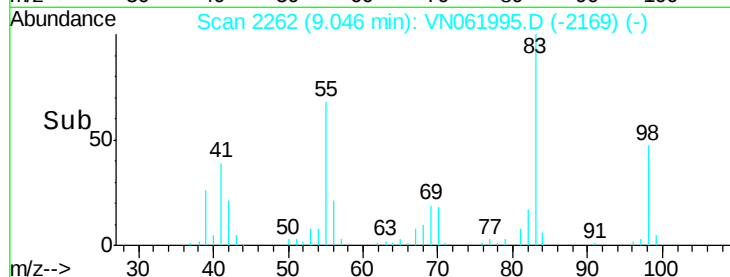
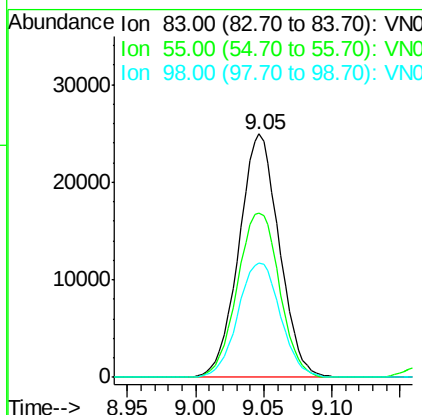
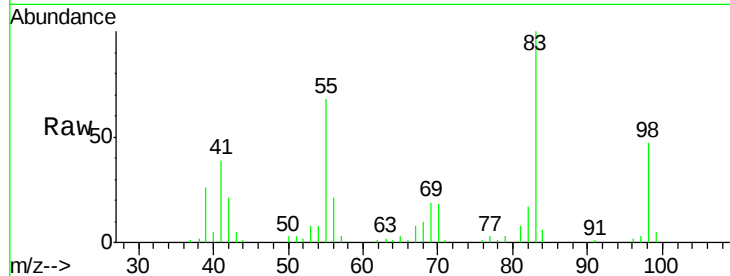
#39
Methvlcvclohexane
Concen: 17.653 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN061995.D
Acq: 22 Jun 2020 13:25

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	67.7	54.2	81.4
98	47.0	39.8	59.6

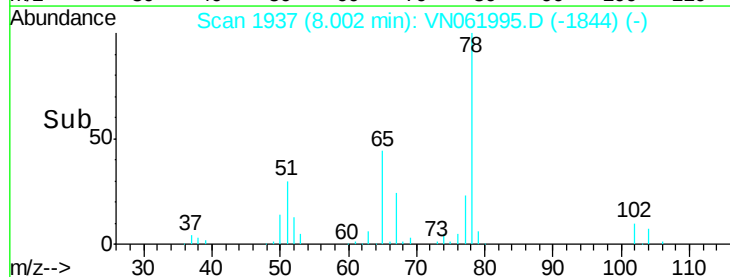
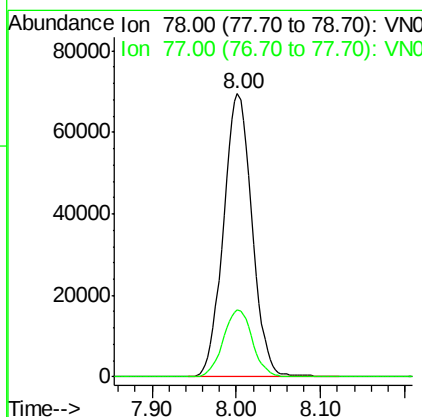
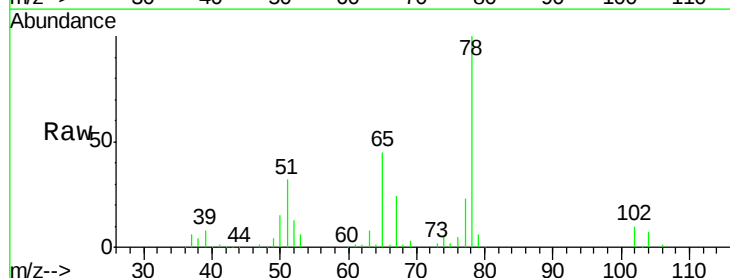
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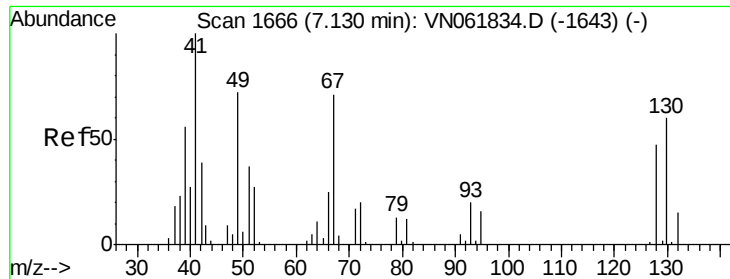
MMDadoda
6/23/2020 12:47:54 PM



#40
Benzene
Concen: 20.001 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN061995.D
Acq: 22 Jun 2020 13:25

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.7	29.5





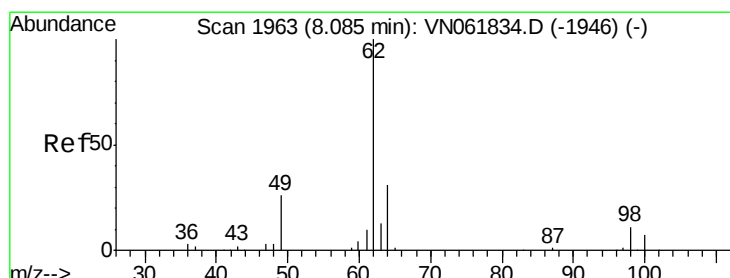
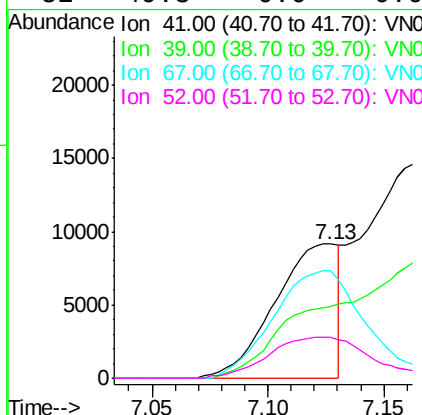
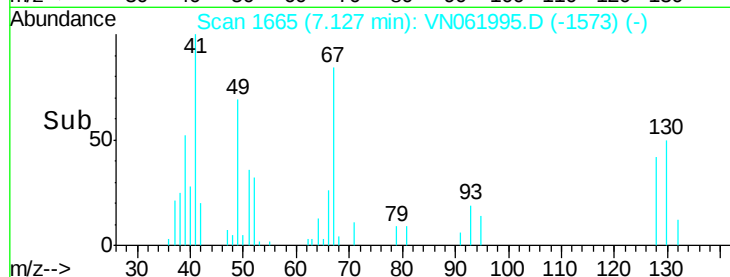
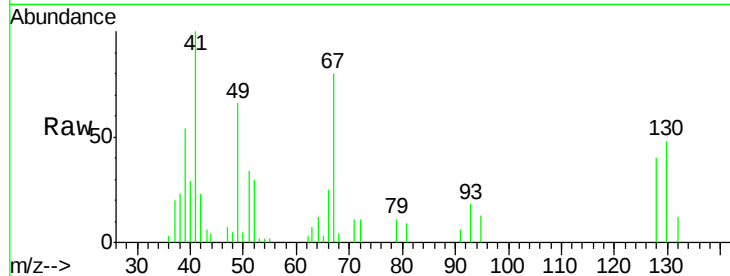
#41
Methacrylonitrile
Concen: 19.367 ug/l
RT: 7.13 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VN061995.D
Acq: 22 Jun 2020 13:25

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBS01

Tot Ion	41	Resp	17439
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	116.7	0.0	0.0#
52	49.3	0.0	0.0#

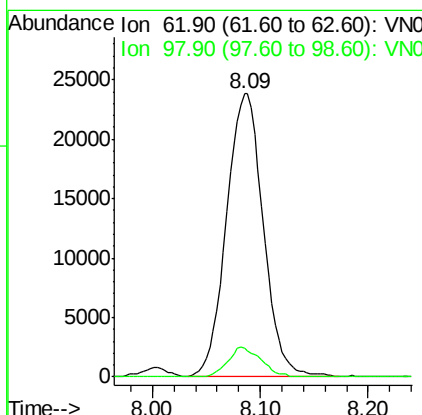
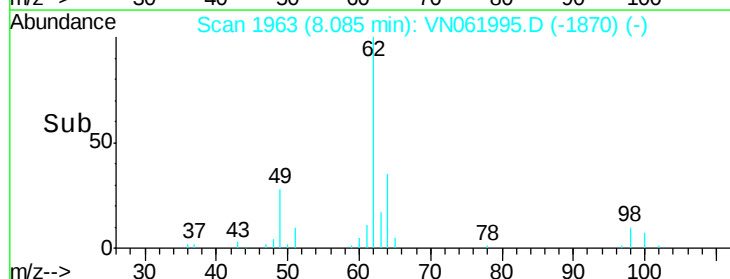
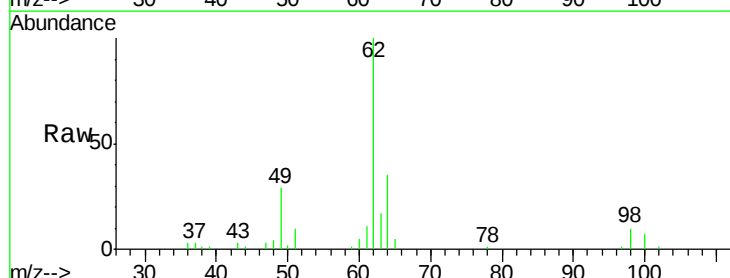
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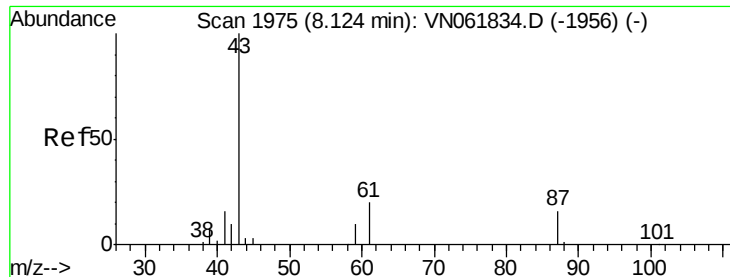
MMDadoda
6/23/2020 12:47:54 PM



#42
1,2-Dichloroethane
Concen: 20.343 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN061995.D
Acq: 22 Jun 2020 13:25

Tgt Ion	62	Resp	56660
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	20.4





#43

Isopropyl Acetate

Concen: 21.273 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. 0.00 min

Lab File: VN061995.D

Acq: 22 Jun 2020 13:25

Instrument :

MSVOA_N

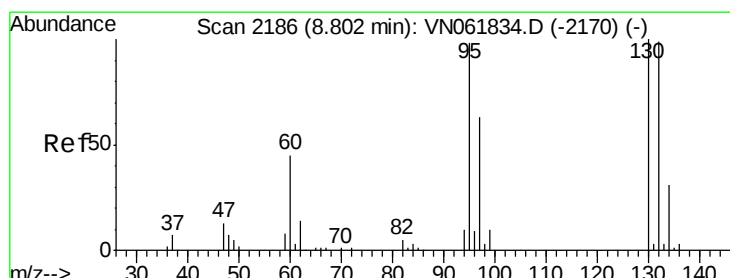
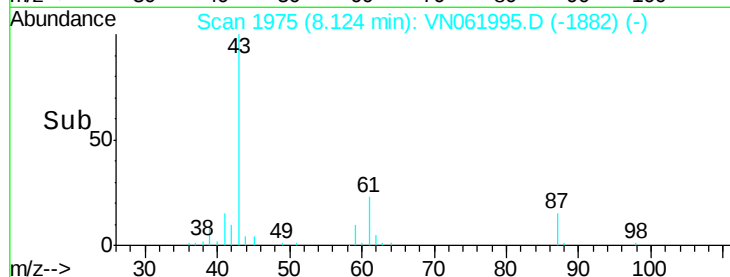
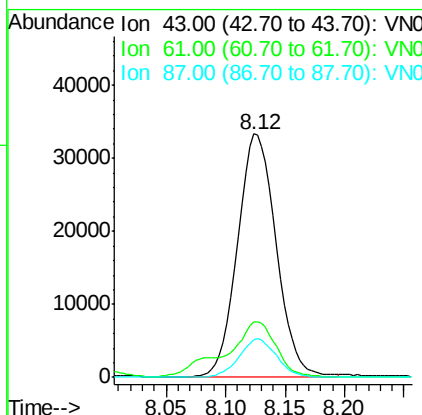
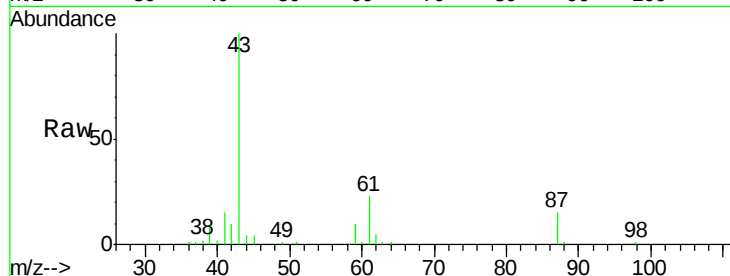
ClientSampleId :

VN0622WBS01

Tot Ion:	43	Resp:	75489
Ion	Ratio	Lower	Upper
43	100		
61	29.9	24.0	36.0
87	15.2	12.5	18.7

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#44

Trichloroethene

Concen: 19.302 ug/l

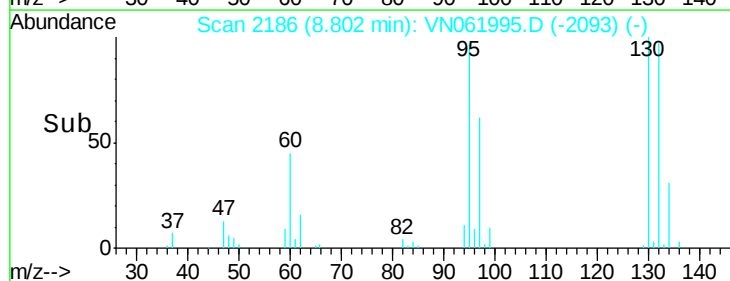
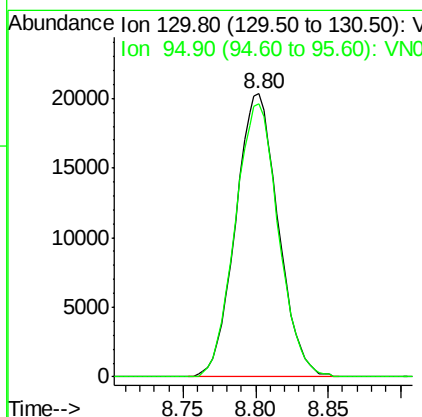
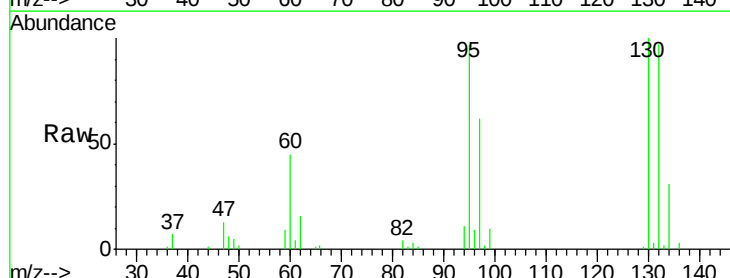
RT: 8.80 min Scan# 2186

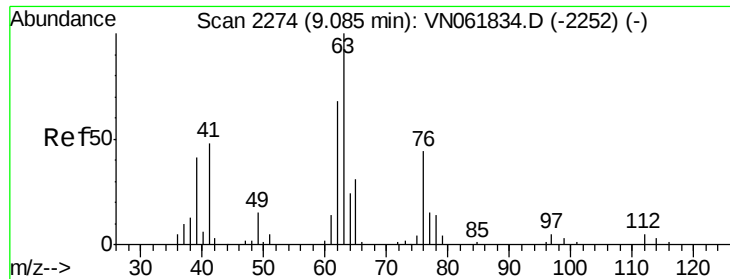
Delta R.T. 0.00 min

Lab File: VN061995.D

Acq: 22 Jun 2020 13:25

Tgt Ion:	130	Resp:	41494
Ion	Ratio	Lower	Upper
130	100		
95	96.6	0.0	195.6





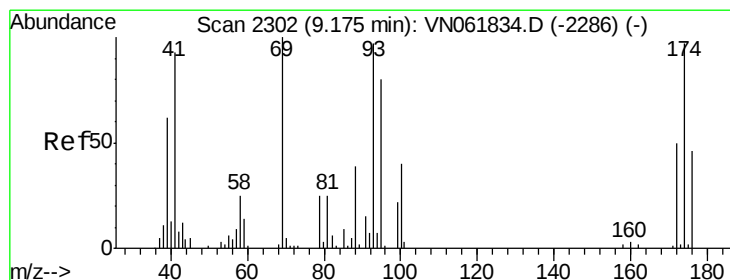
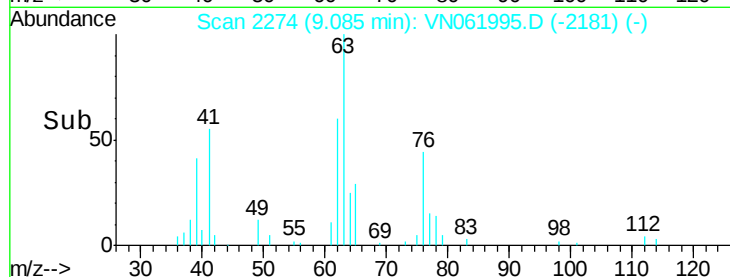
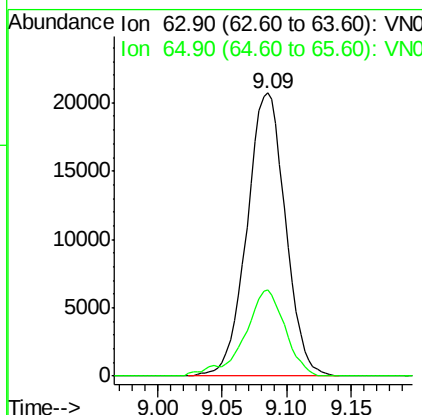
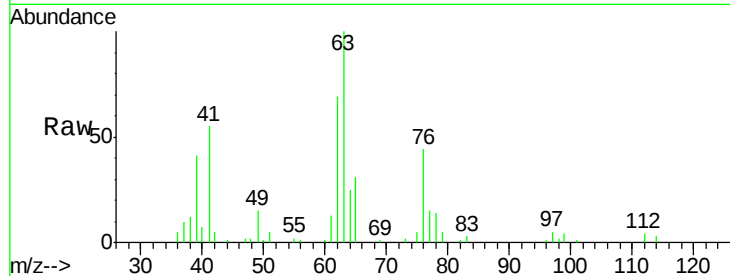
#45
 1,2-Dichloropropane
 Concen: 21.485 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: VN061995.D
 Acq: 22 Jun 2020 13:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBS01

Tot Ion: 63 Resp: 43129
 Ion Ratio Lower Upper
 63 100
 65 30.5 25.1 37.7

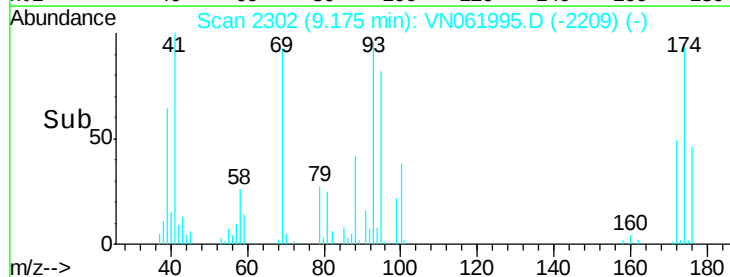
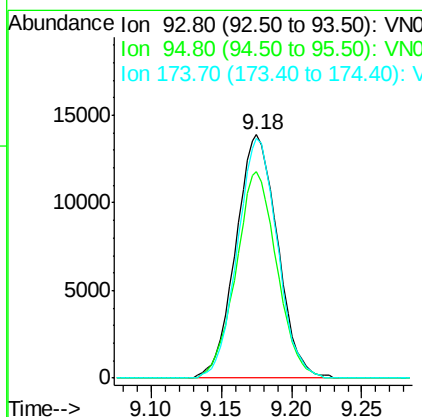
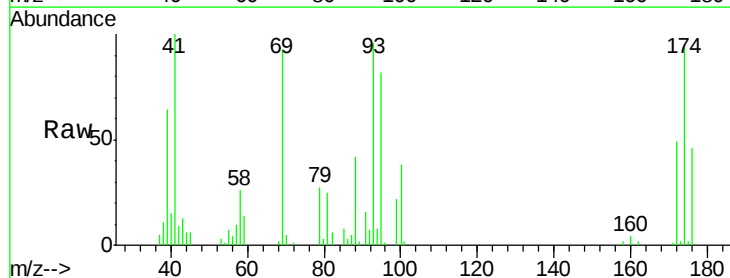
Manual Integrations
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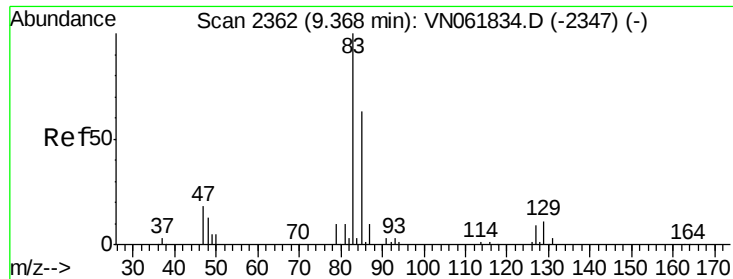
MMDadoda
 6/23/2020 12:47:54 PM



#46
 Dibromomethane
 Concen: 20.376 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. 0.00 min
 Lab File: VN061995.D
 Acq: 22 Jun 2020 13:25

Tgt Ion: 93 Resp: 28803
 Ion Ratio Lower Upper
 93 100
 95 82.6 65.8 98.6
 174 94.0 78.5 117.7





#47

Bromodichloromethane

Concen: 20.167 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. 0.00 min

Lab File: VN061995.D

Acq: 22 Jun 2020 13:25

Instrument :

MSVOA_N

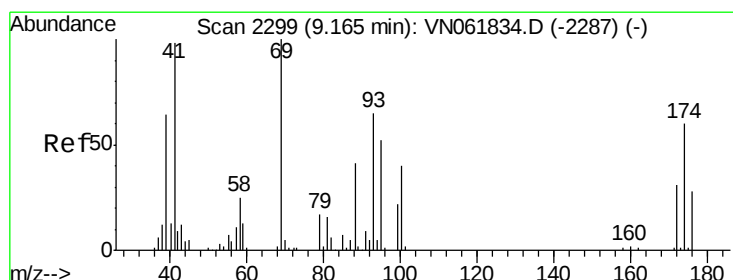
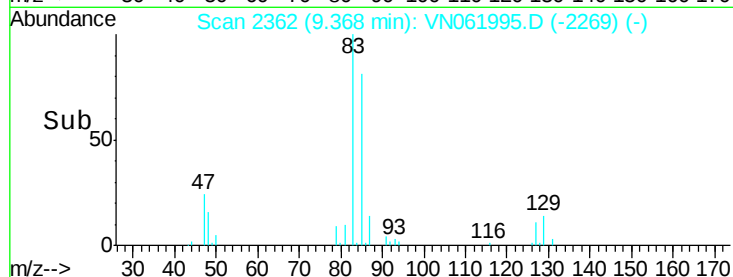
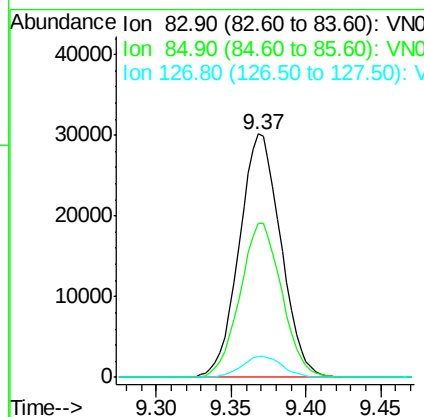
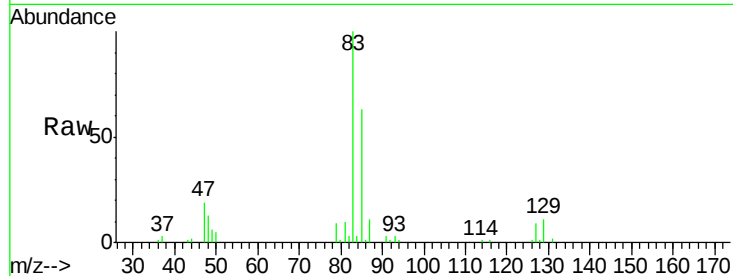
ClientSampleId :

VN0622WBS01

Tot Ion:	83	Resp:	58373
Ion Ratio	Lower	Upper	
83	100		
85	63.1	50.8	76.2
127	8.7	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 20.741 ug/l

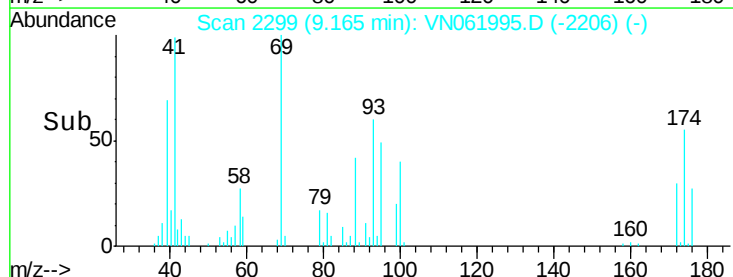
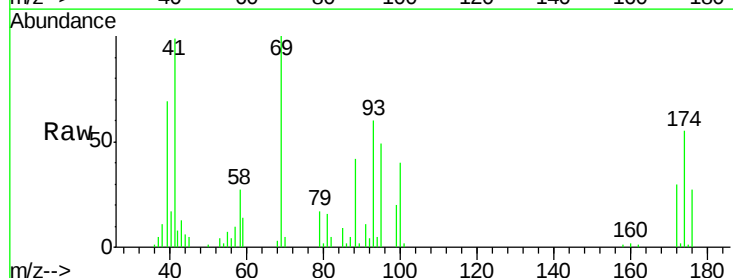
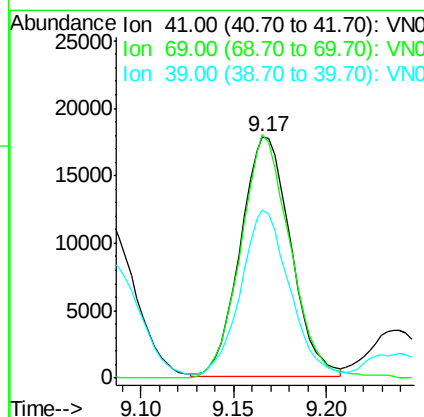
RT: 9.17 min Scan# 2299

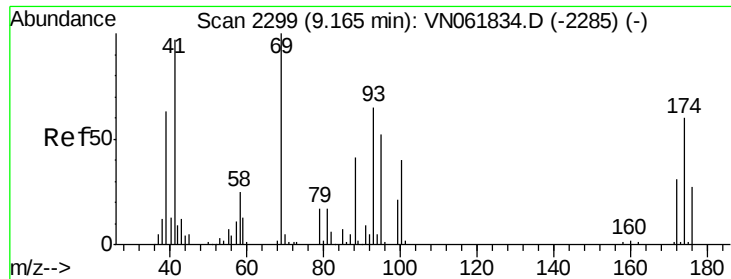
Delta R.T. 0.00 min

Lab File: VN061995.D

Acq: 22 Jun 2020 13:25

Tgt Ion:	41	Resp:	33472
Ion Ratio	Lower	Upper	
41	100		
69	100.6	83.0	124.4
39	69.3	55.1	82.7





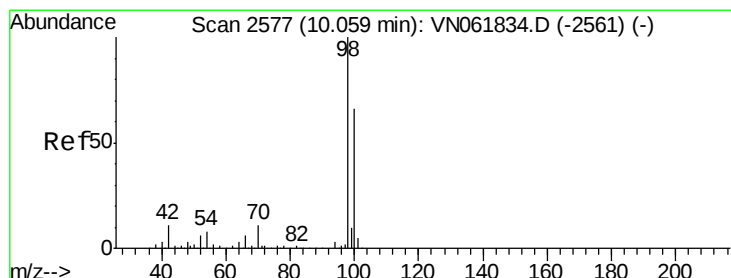
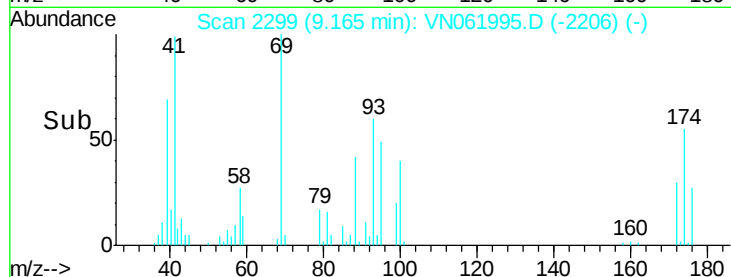
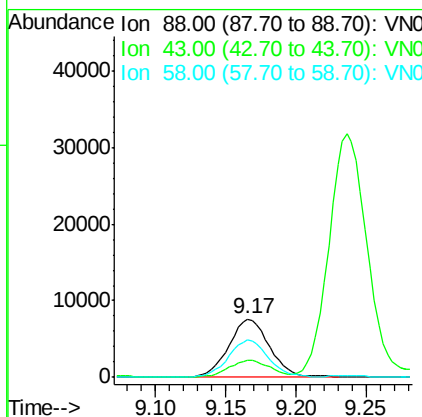
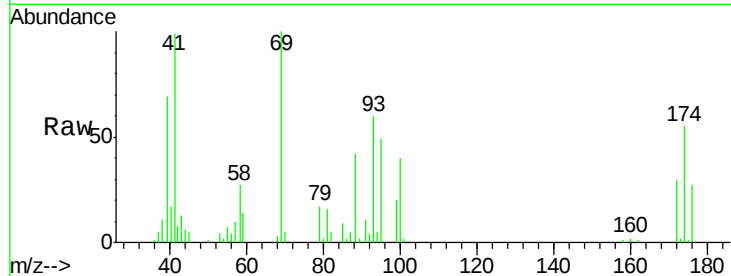
#49
1,4-Dioxane
Concen: 416.077 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. 0.00 min
Lab File: VN061995.D
Acq: 22 Jun 2020 13:25

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.6	23.4	35.2
58	62.4	49.8	74.6

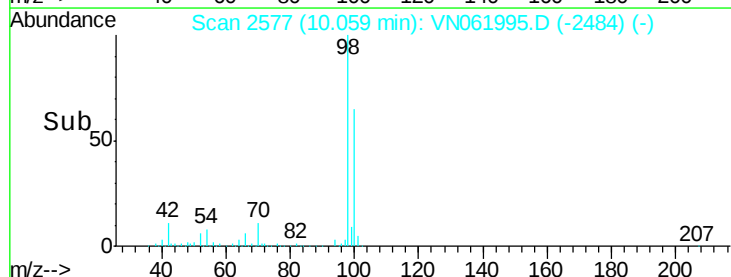
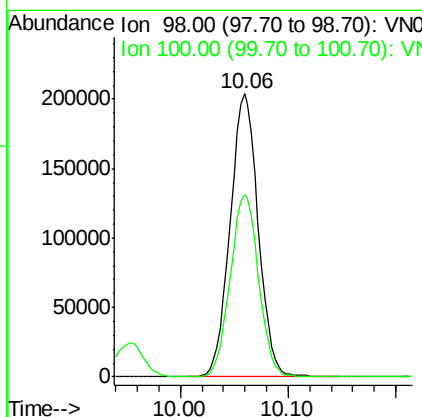
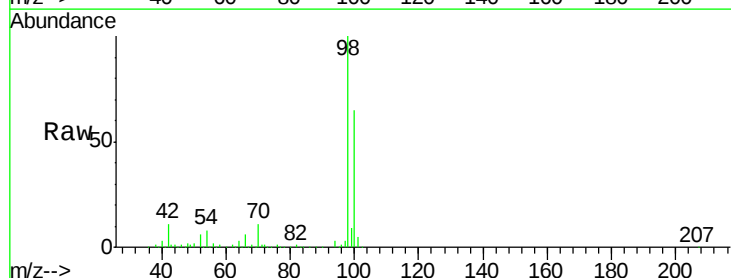
Manual Integrations
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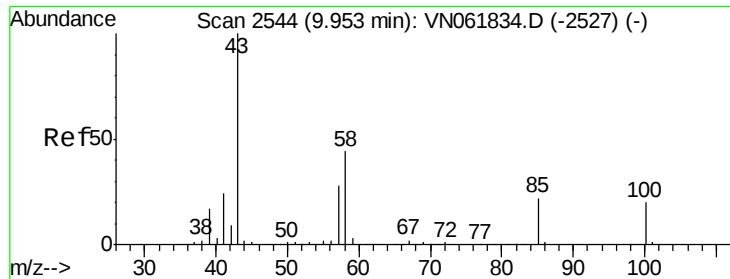
MMDadoda
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#50
Toluene-d8
Concen: 49.741 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN061995.D
Acq: 22 Jun 2020 13:25

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.7	79.1





#51

4-Methyl-2-Pentanone

Concen: 110.218 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. 0.00 min

Lab File: VN061995.D

Acq: 22 Jun 2020 13:25

Instrument :

MSVOA_N

ClientSampleId :

VN0622WBS01

Tot Ion: 43 Resp: 231130

Ion Ratio Lower Upper

43 100

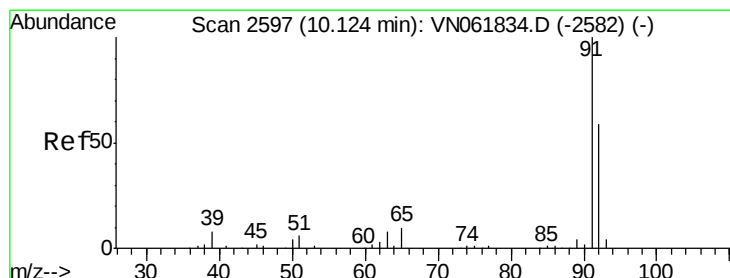
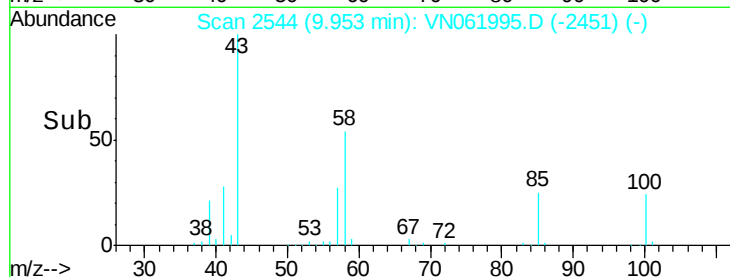
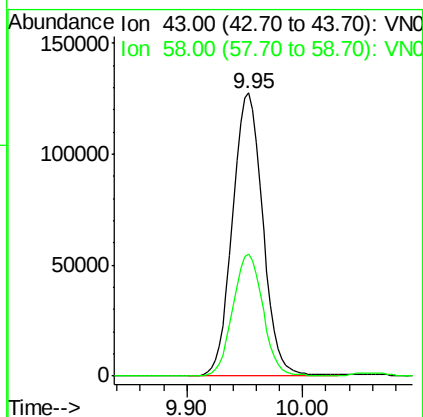
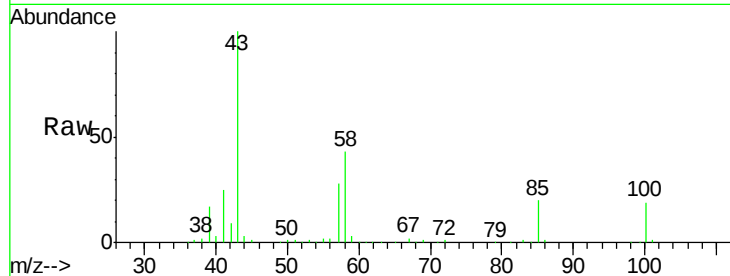
58 42.8 34.6 52.0

Manual Integrations

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#52

Toluene

Concen: 20.120 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. 0.00 min

Lab File: VN061995.D

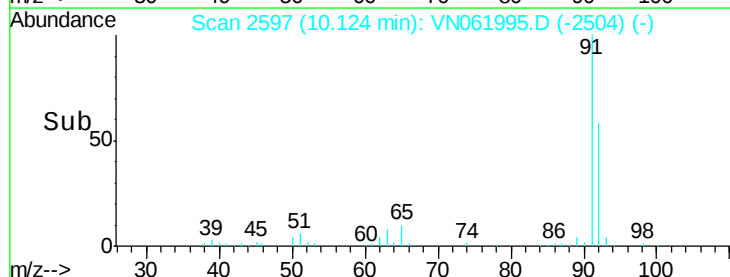
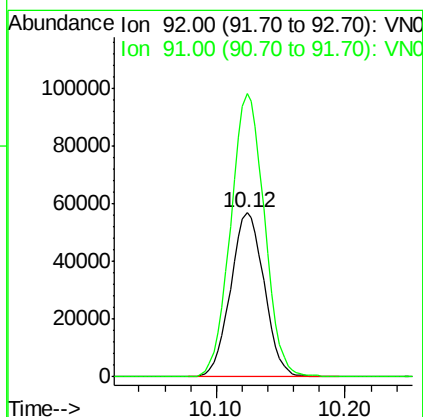
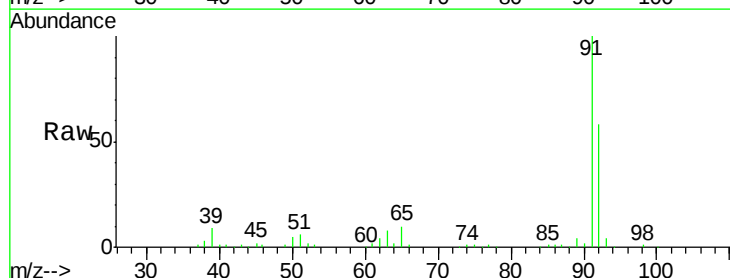
Acq: 22 Jun 2020 13:25

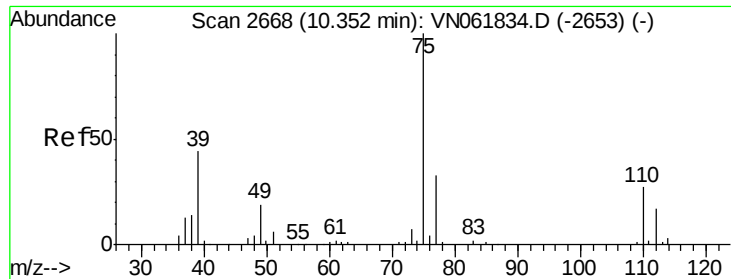
Tgt Ion: 92 Resp: 103214

Ion Ratio Lower Upper

92 100

91 173.1 137.1 205.7





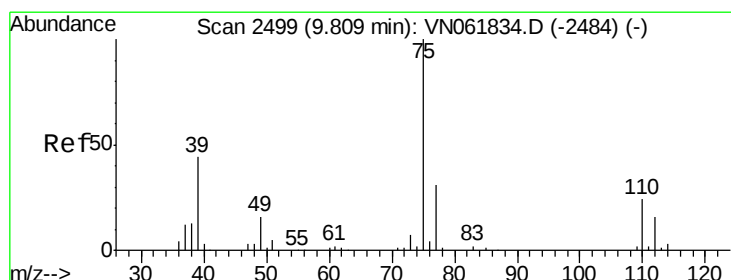
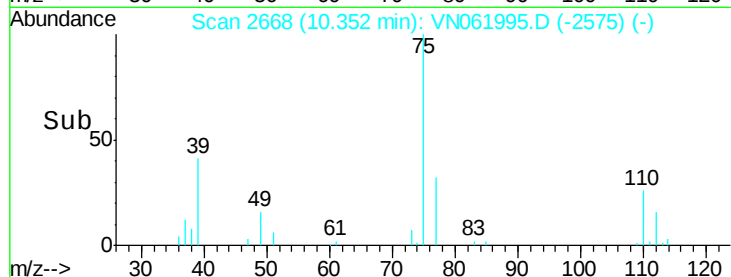
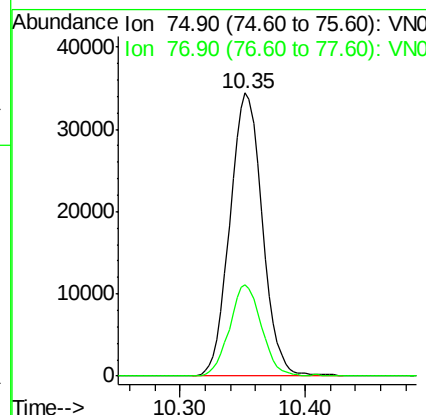
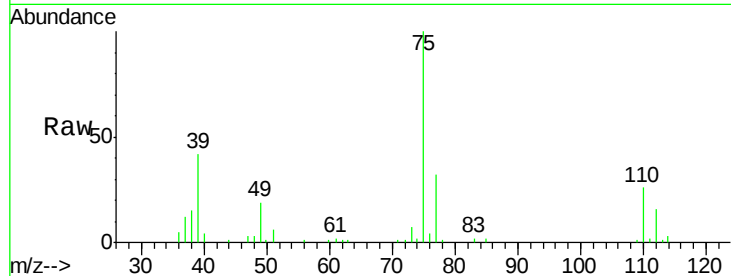
#53
t-1,3-Dichloropropene
Concen: 20.111 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. 0.00 min
Lab File: VN061995.D
Acq: 22 Jun 2020 13:25

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBS01

Tot Ion: 75 Resp: 61796
Ion Ratio Lower Upper
75 100
77 32.3 26.3 39.5

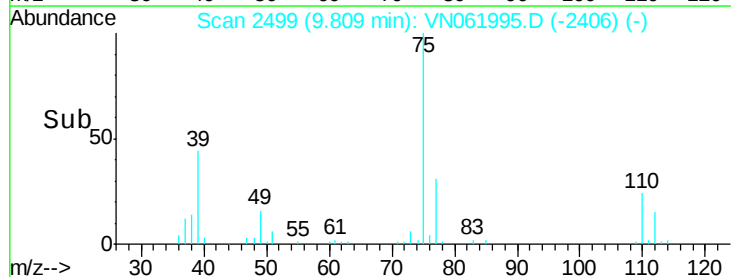
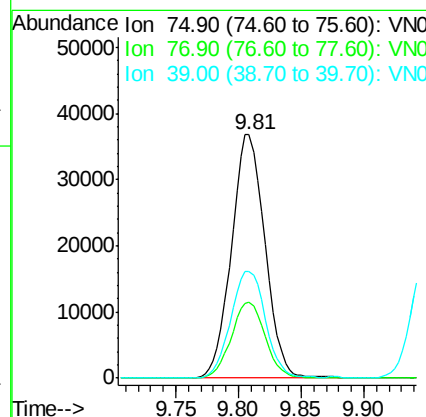
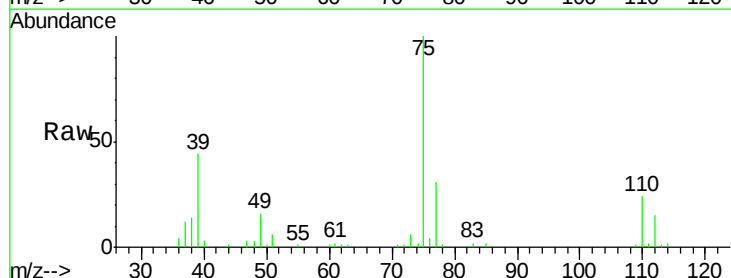
Manual Integrations
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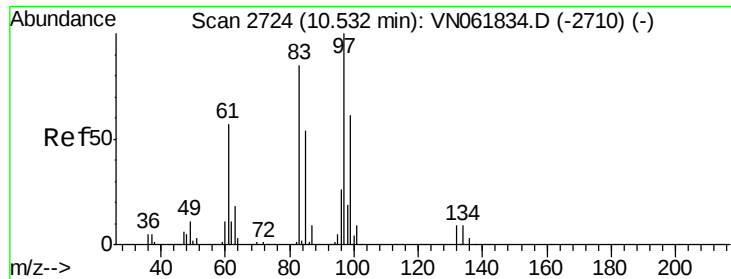
MMDadoda
6/23/2020 12:47:54 PM



#54
cis-1,3-Dichloropropene
Concen: 20.487 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. 0.00 min
Lab File: VN061995.D
Acq: 22 Jun 2020 13:25

Tgt Ion: 75 Resp: 68376
Ion Ratio Lower Upper
75 100
77 31.0 24.8 37.2
39 44.0 35.4 53.0





#55

1,1,2-Trichloroethane

Concen: 21.466 ug/l

RT: 10.54 min Scan# 2725

Delta R.T. 0.00 min

Lab File: VN061995.D

Acq: 22 Jun 2020 13:25

Instrument :

MSVOA_N

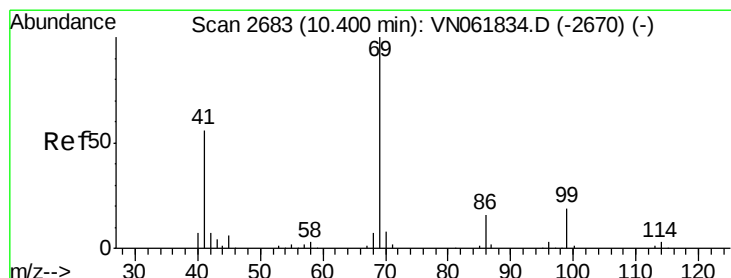
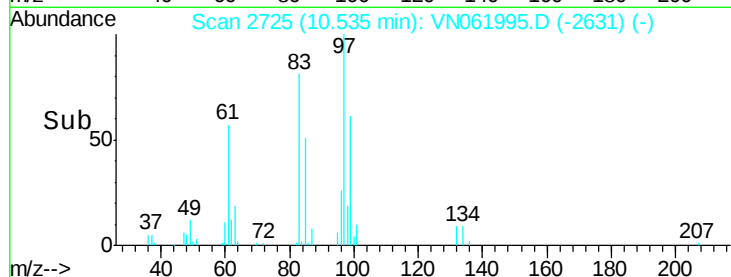
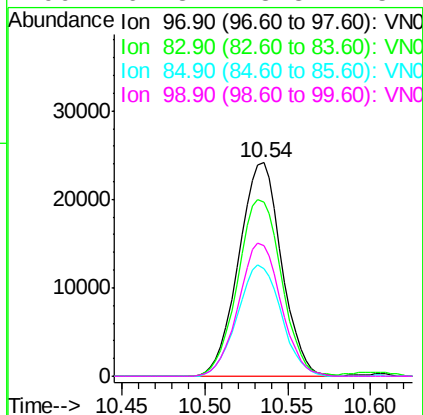
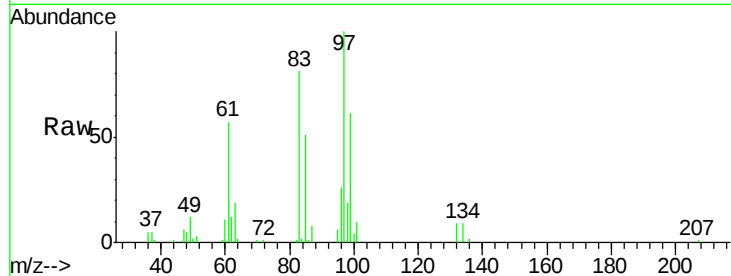
ClientSampleId :

VN0622WBS01

Tot Ion:	97	Resp:	43326
Ion	Ratio	Lower	Upper
97	100		
83	81.4	67.7	101.5
85	50.6	43.4	65.0
99	61.3	48.8	73.2

Manual Integrations
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#56

Ethyl methacrylate

Concen: 19.754 ug/l

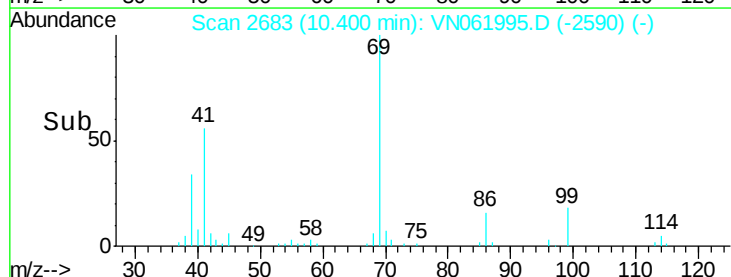
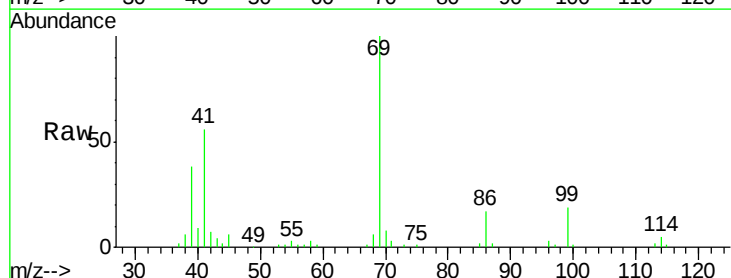
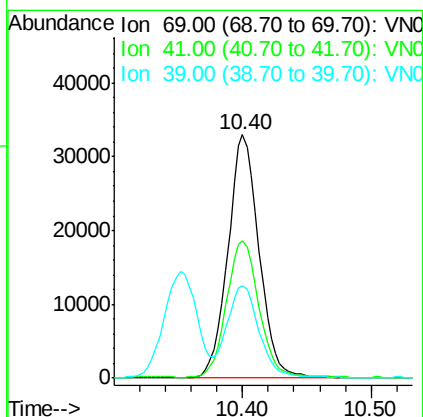
RT: 10.40 min Scan# 2683

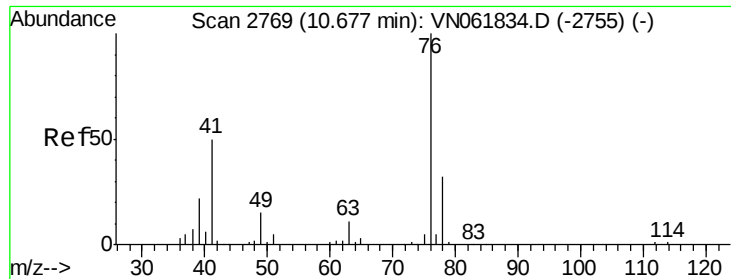
Delta R.T. 0.00 min

Lab File: VN061995.D

Acq: 22 Jun 2020 13:25

Tgt Ion:	69	Resp:	55156
Ion	Ratio	Lower	Upper
69	100		
41	59.5	44.9	67.3
39	38.1	30.0	45.0





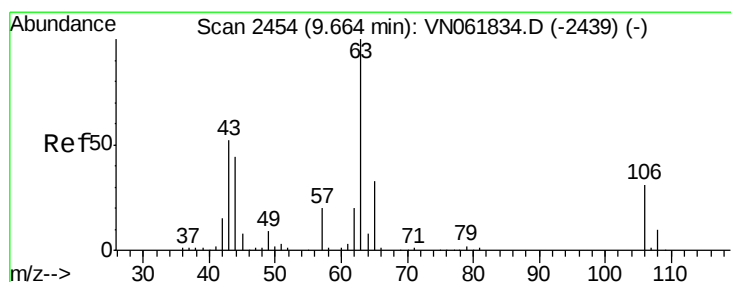
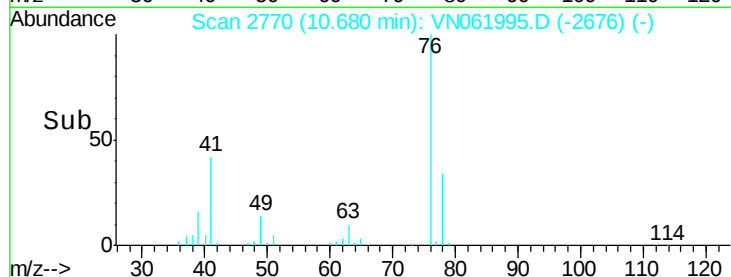
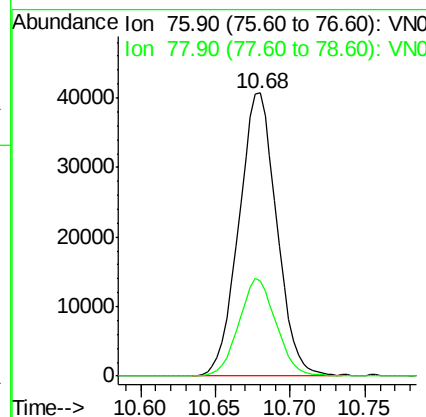
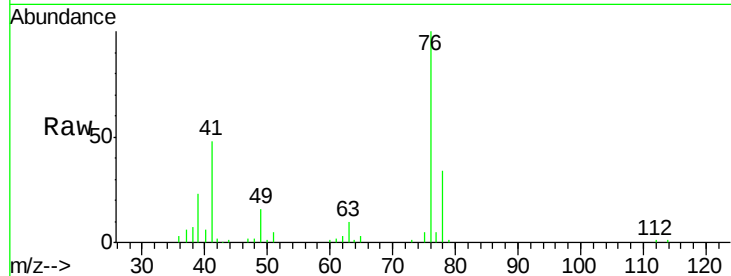
#57
 1,3-Dichloropropane
 Concen: 21.004 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. 0.00 min
 Lab File: VN061995.D
 Acq: 22 Jun 2020 13:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBS01

Tot Ion: 76 Resp: 71823
 Ion Ratio Lower Upper
 76 100
 78 33.7 25.8 38.8

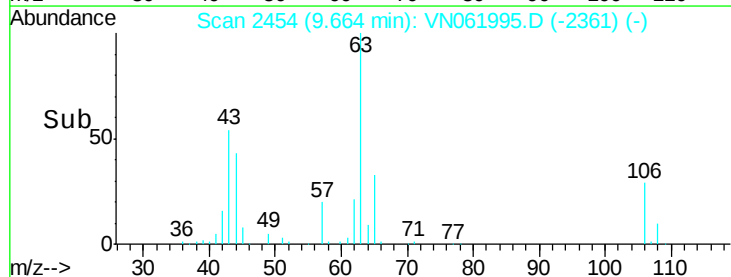
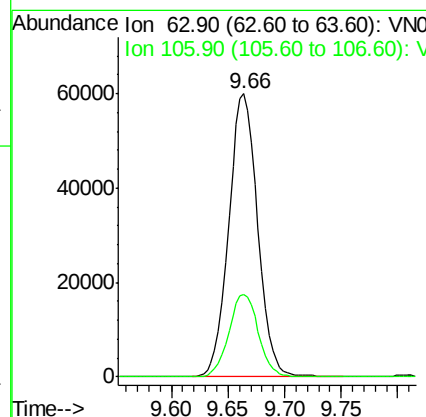
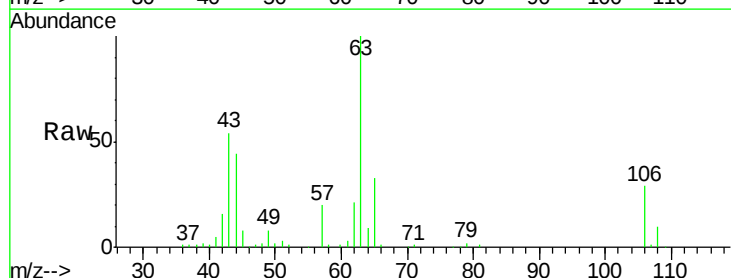
Manual Integrations
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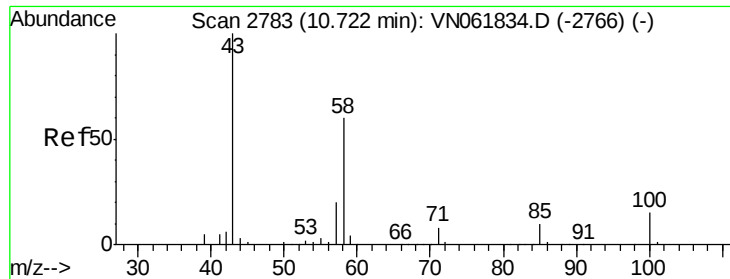
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 100.052 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN061995.D
 Acq: 22 Jun 2020 13:25

Tgt Ion: 63 Resp: 106579
 Ion Ratio Lower Upper
 63 100
 106 29.7 24.6 36.8





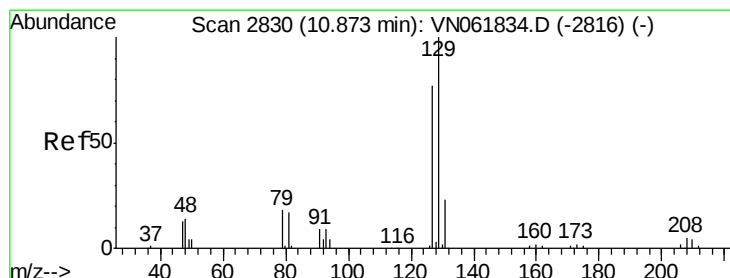
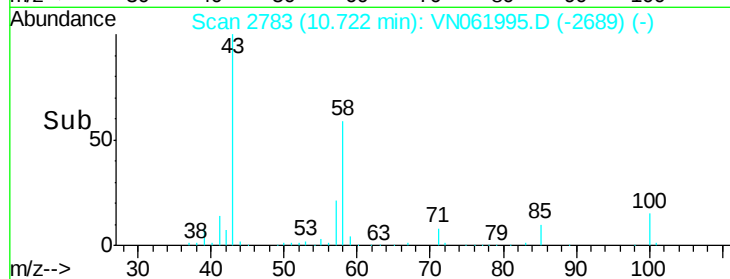
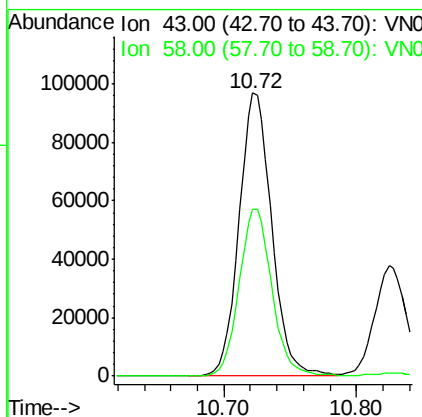
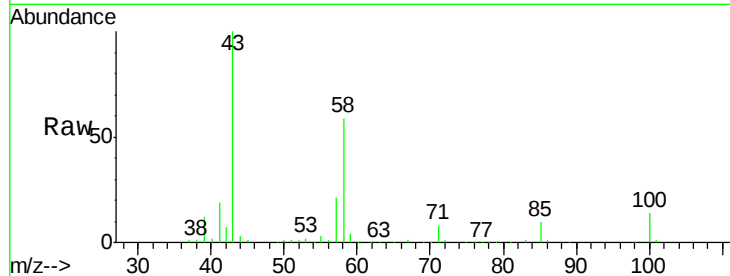
#59
2-Hexanone
Concen: 107.237 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN061995.D
Acq: 22 Jun 2020 13:25

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBS01

Tot Ion: 43 Resp: 166104
Ion Ratio Lower Upper
43 100
58 59.1 30.1 90.5

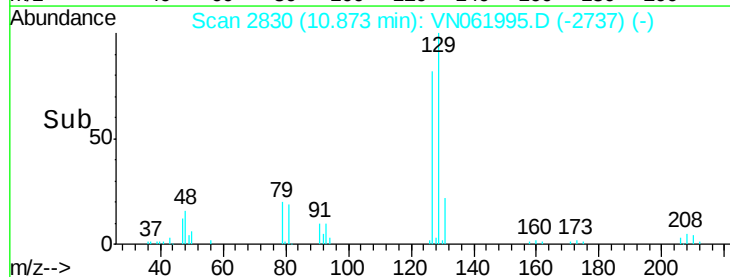
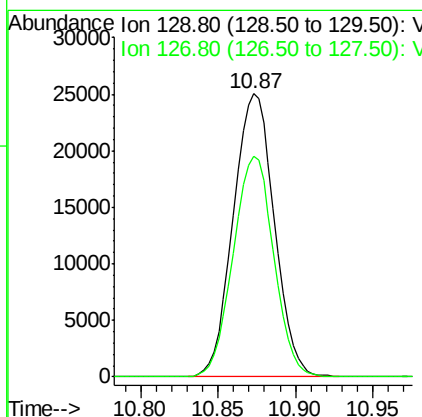
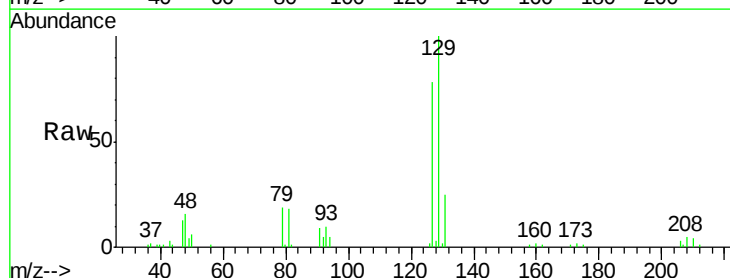
Manual Integrations
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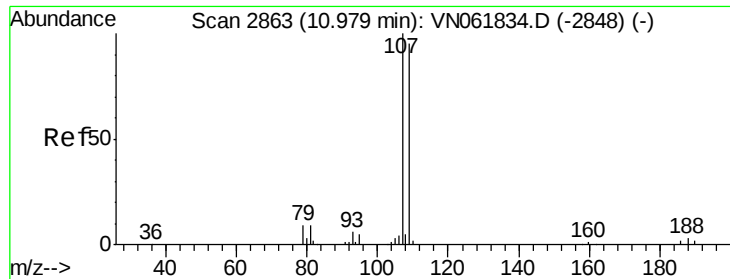
MMDadoda
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#60
Dibromochloromethane
Concen: 20.507 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. 0.00 min
Lab File: VN061995.D
Acq: 22 Jun 2020 13:25

Tgt Ion: 129 Resp: 46187
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.5





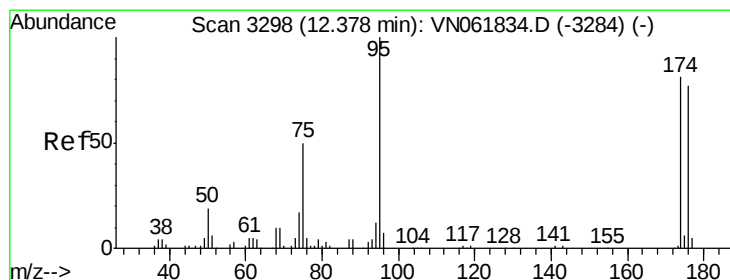
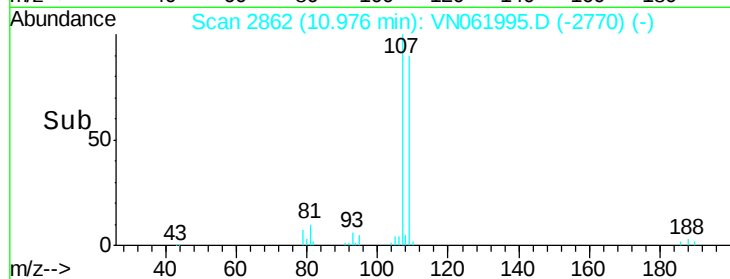
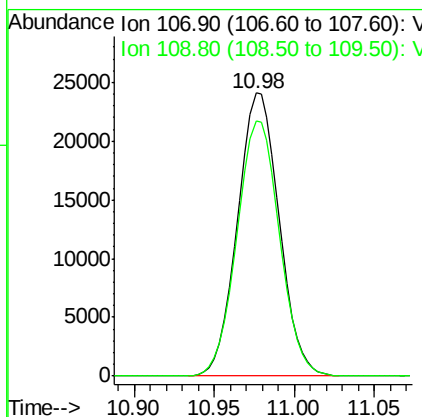
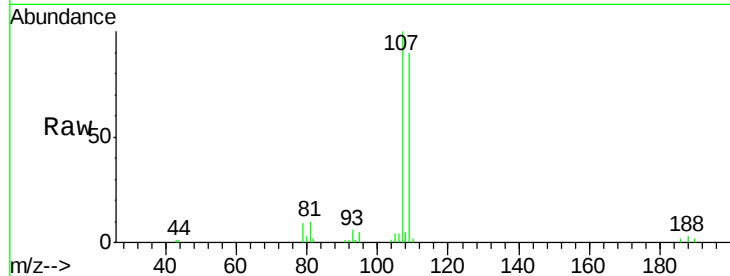
#61
 1,2-Dibromoethane
 Concen: 20.292 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN061995.D
 Acq: 22 Jun 2020 13:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBS01

Tot Ion: 107 Resp: 42768
 Ion Ratio Lower Upper
 107 100
 109 92.2 75.0 112.6

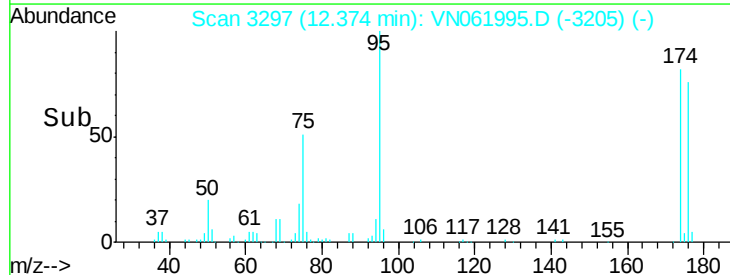
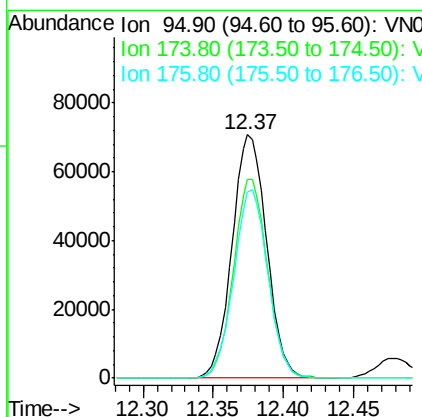
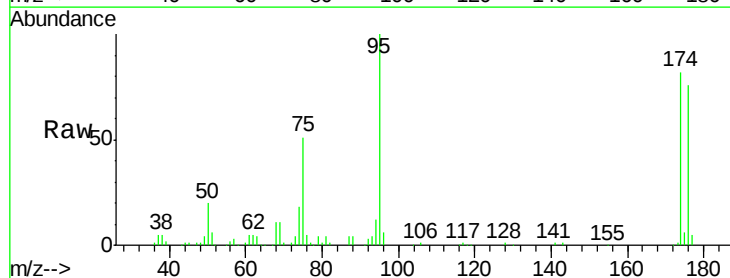
Manual Integrations
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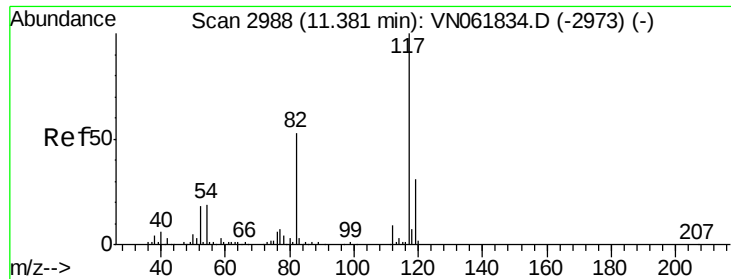
MMDadoda
 6/23/2020 12:47:54 PM



#62
 4-Bromofluorobenzene
 Concen: 47.595 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN061995.D
 Acq: 22 Jun 2020 13:25

Tgt Ion: 95 Resp: 121392
 Ion Ratio Lower Upper
 95 100
 174 80.4 0.0 158.6
 176 76.7 0.0 152.0





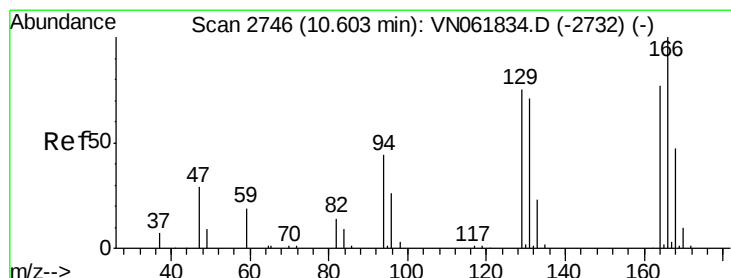
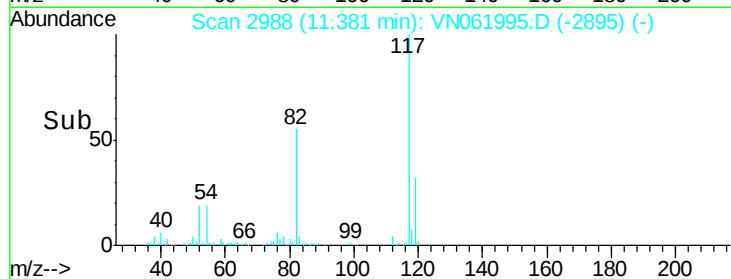
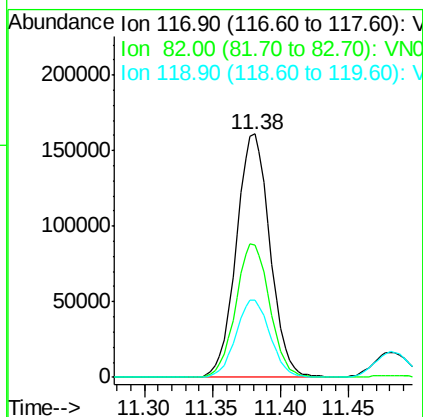
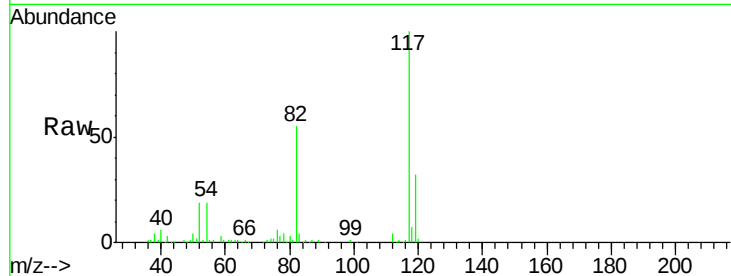
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061995.D
Acq: 22 Jun 2020 13:25

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.5	42.6	64.0
119	31.6	24.7	37.1

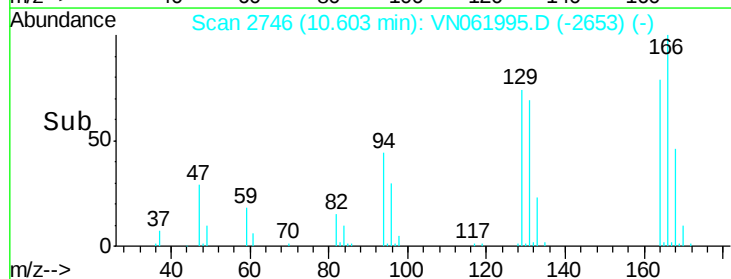
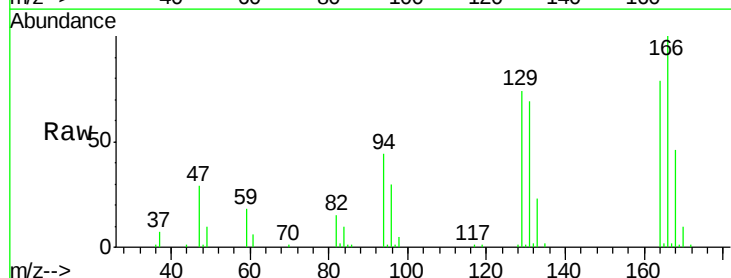
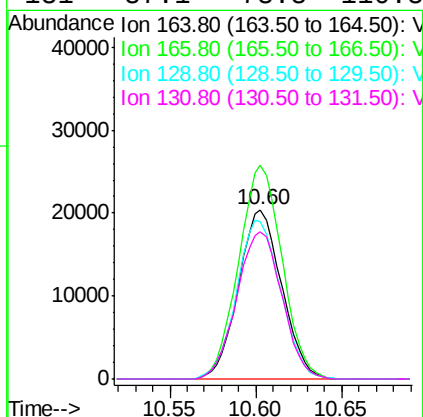
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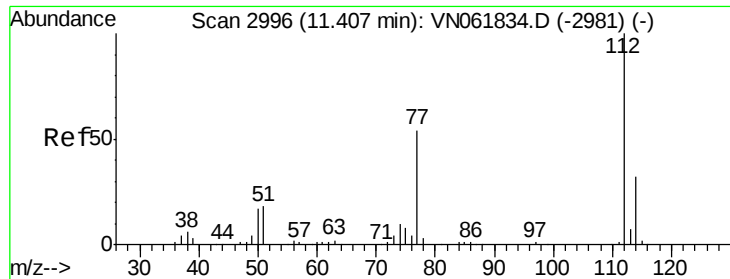
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#64
Tetrachloroethene
Concen: 20.143 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN061995.D
Acq: 22 Jun 2020 13:25

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.3	103.5	155.3
129	93.4	77.5	116.3
131	87.1	73.8	110.8





#65

Chlorobenzene

Concen: 19.446 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN061995.D

Acq: 22 Jun 2020 13:25

Instrument :

MSVOA_N

ClientSampleId :

VN0622WBS01

Tot Ion:112 Resp: 113451

Ion Ratio Lower Upper

112 100

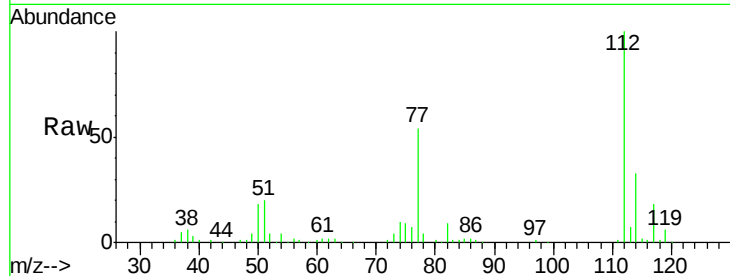
114 32.9 25.8 38.6

Manual Integrations

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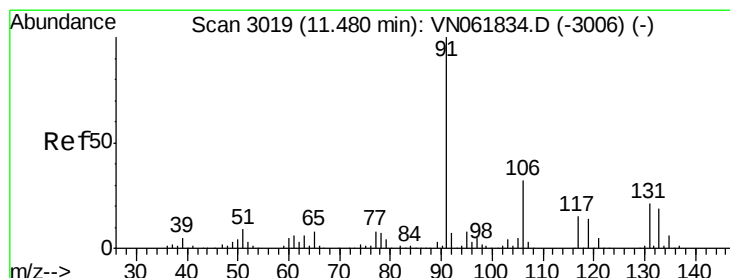
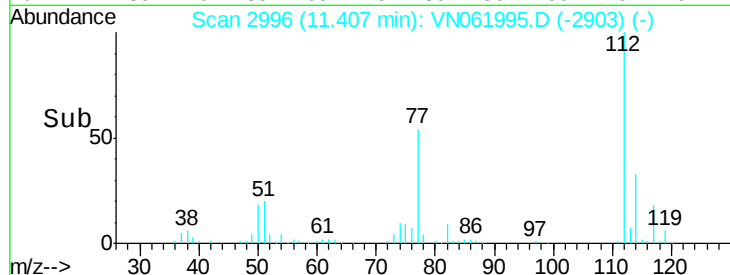
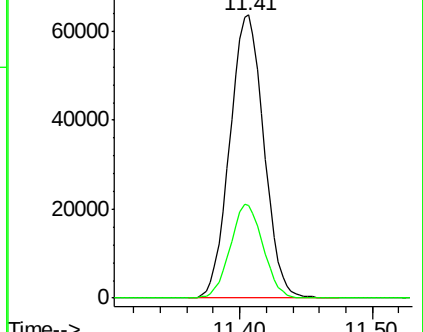
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.862 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. 0.00 min

Lab File: VN061995.D

Acq: 22 Jun 2020 13:25

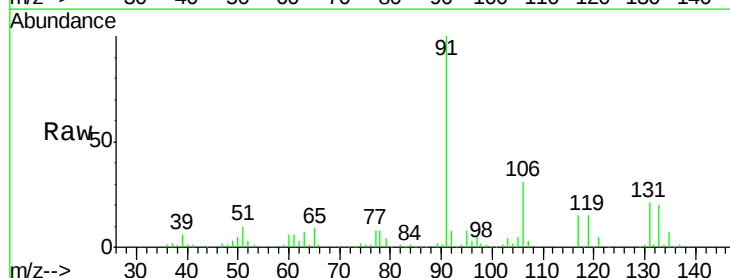
Tgt Ion:131 Resp: 40414

Ion Ratio Lower Upper

131 100

133 95.4 47.5 142.5

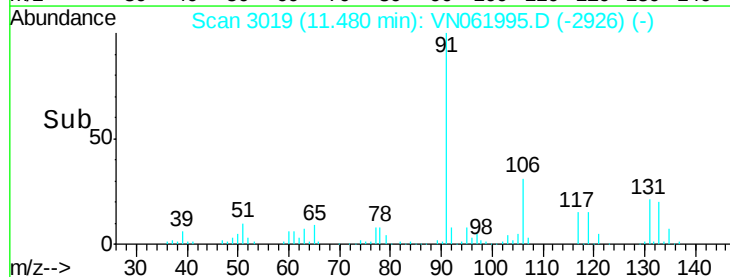
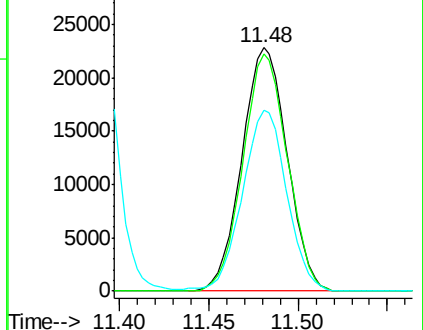
119 72.6 34.0 101.8

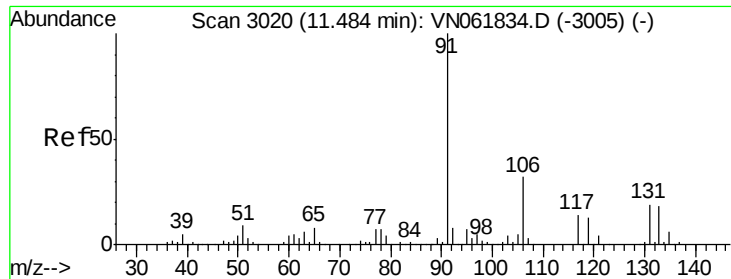


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





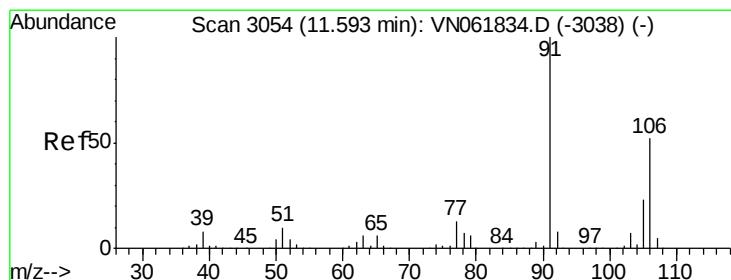
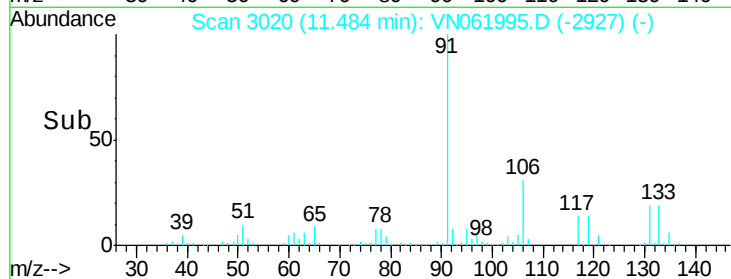
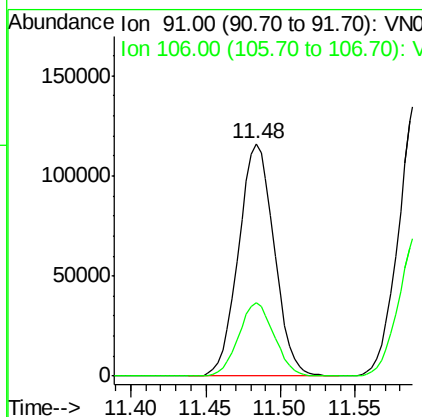
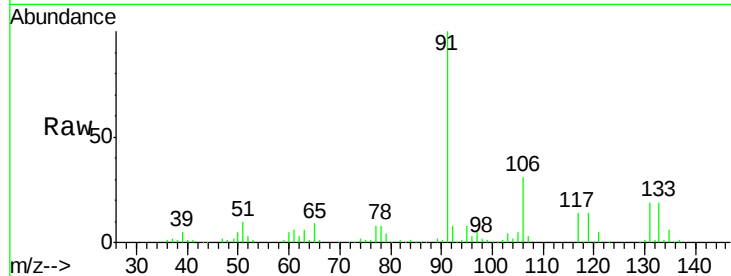
#67
Ethyl Benzene
Concen: 19.660 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN061995.D
Acq: 22 Jun 2020 13:25

Instrument :
MSVOA_N
ClientSampled :
VN0622WBS01

Tot Ion: 91 Resp: 192311
Ion Ratio Lower Upper
91 100
106 31.4 25.4 38.2

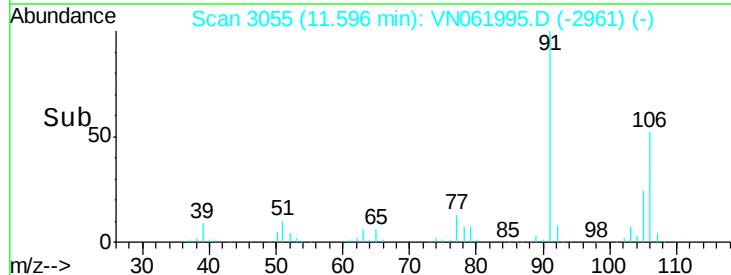
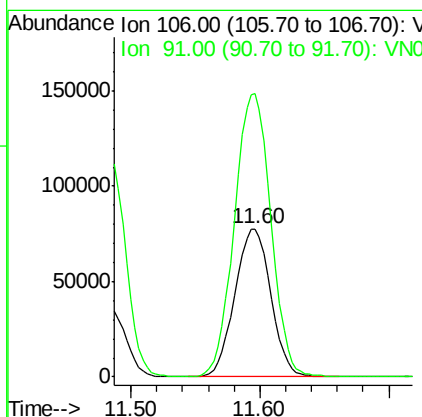
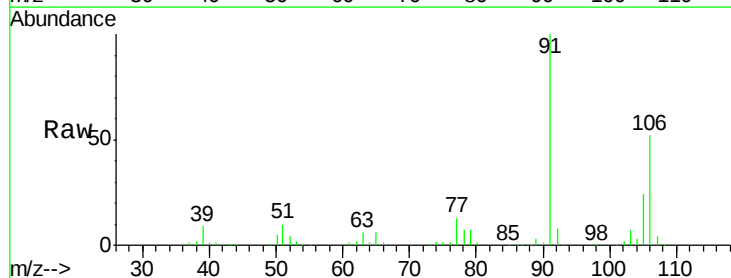
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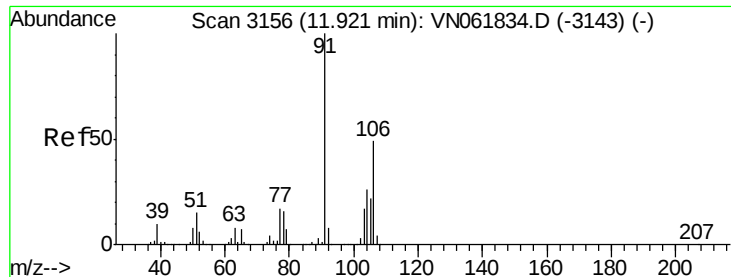
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#68
m/p-Xylenes
Concen: 39.928 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN061995.D
Acq: 22 Jun 2020 13:25

Tgt Ion: 106 Resp: 150604
Ion Ratio Lower Upper
106 100
91 194.4 157.0 235.6





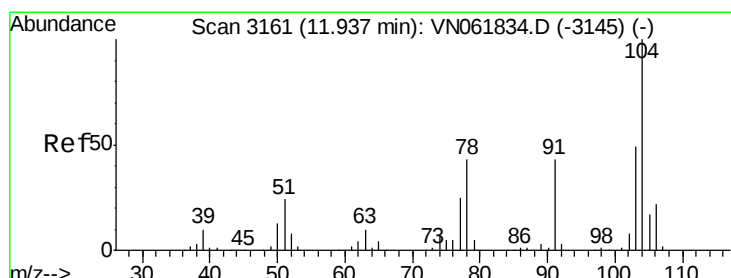
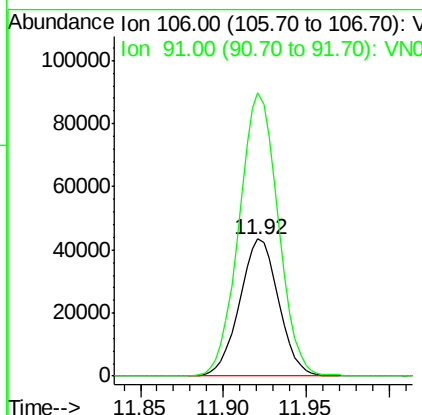
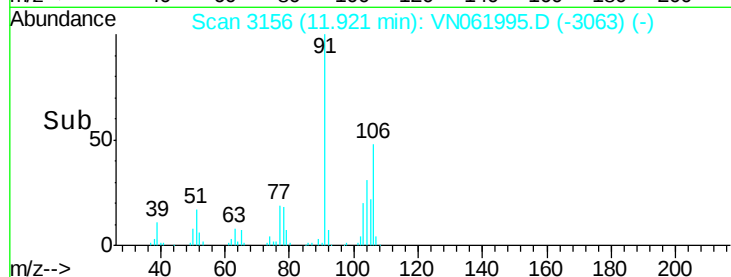
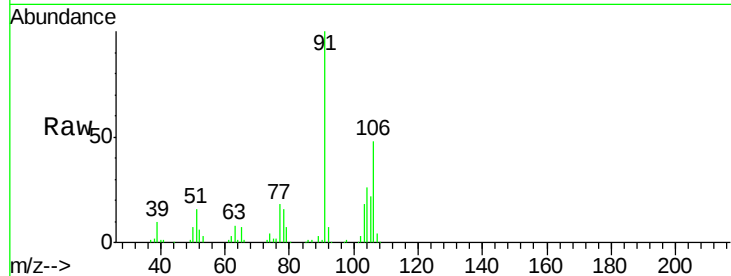
#69
o-Xylene
Concen: 19.773 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN061995.D
Acq: 22 Jun 2020 13:25

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBS01

Tot Ion:106 Resp: 71160
Ion Ratio Lower Upper
106 100
91 207.5 103.0 308.9

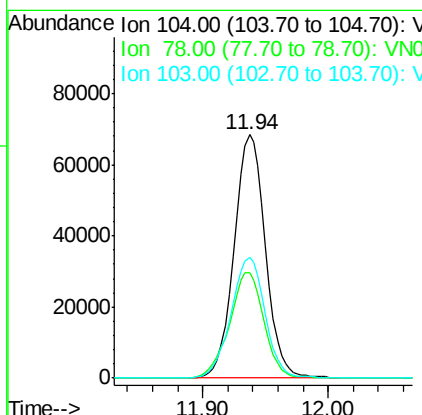
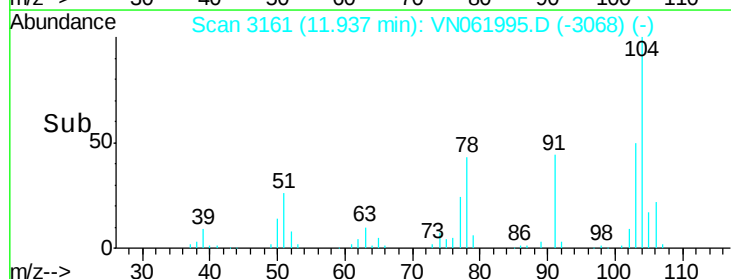
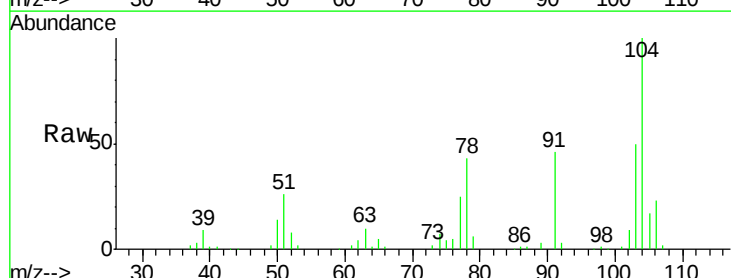
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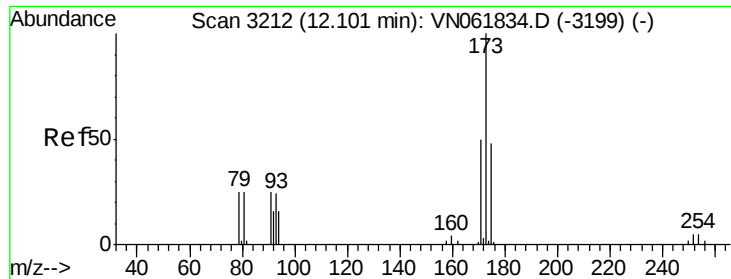
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#70
Styrene
Concen: 19.689 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN061995.D
Acq: 22 Jun 2020 13:25

Tgt Ion:104 Resp: 118649
Ion Ratio Lower Upper
104 100
78 47.7 37.6 56.4
103 53.9 43.0 64.4





#71

Bromoform

Concen: 20.409 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. 0.00 min

Lab File: VN061995.D

Acq: 22 Jun 2020 13:25

Instrument :

MSVOA_N

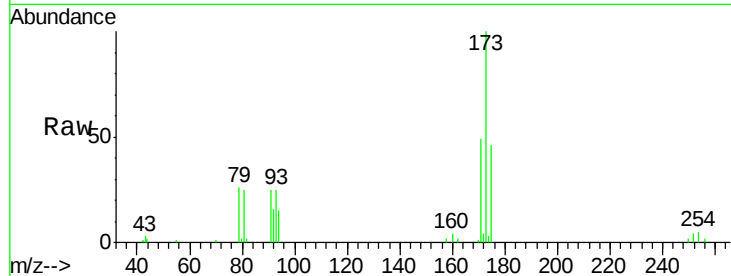
ClientSampleId :

VN0622WBS01

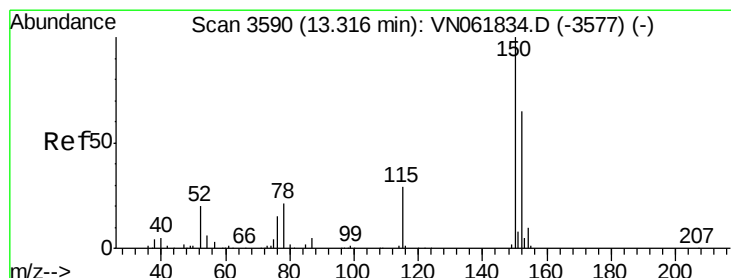
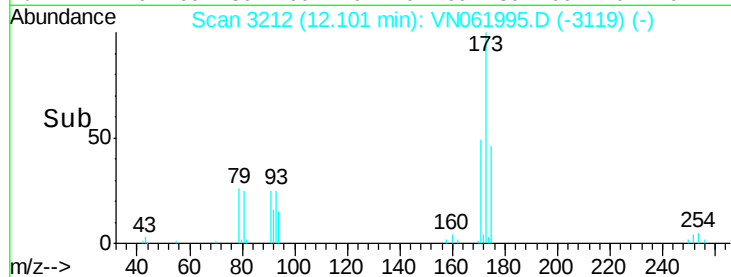
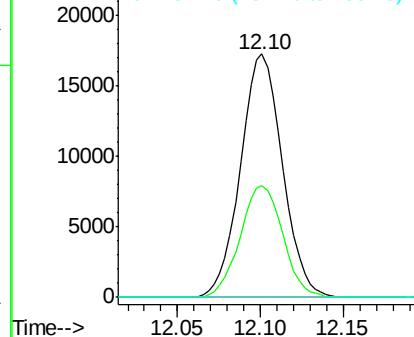
Tot Ion	Ratio	Lower	Upper
173	100		
175	46.5	23.9	71.7
254	0.0	0.0	0.0

Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

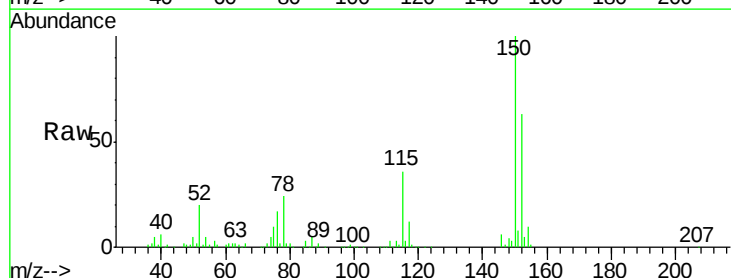
RT: 13.32 min Scan# 3590

Delta R.T. 0.00 min

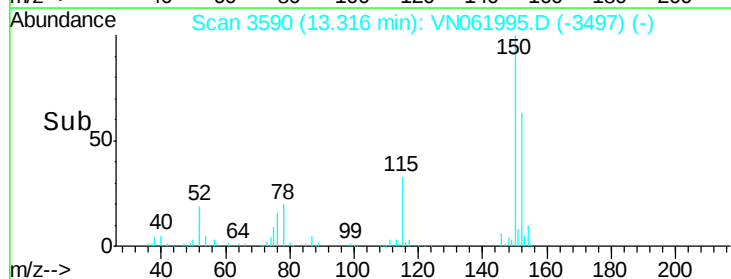
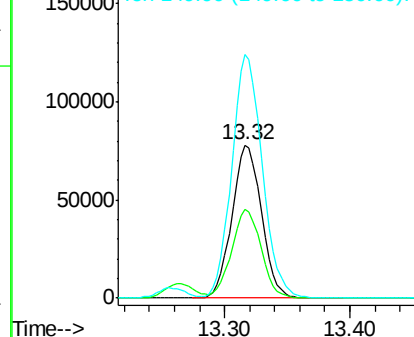
Lab File: VN061995.D

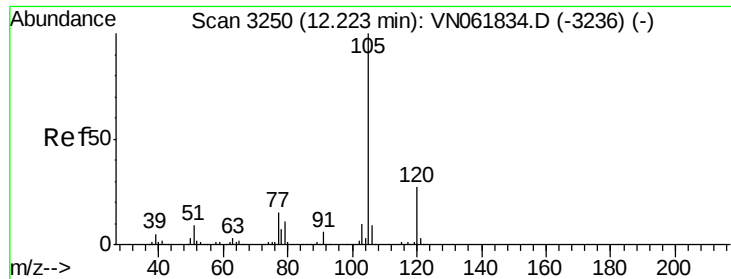
Acq: 22 Jun 2020 13:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.9	29.1	87.3
150	164.8	0.0	347.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.518 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN061995.D

Acq: 22 Jun 2020 13:25

Instrument :

MSVOA_N

ClientSampleId :

VN0622WBS01

Tot Ion: 105 Resp: 185781

Ion Ratio Lower Upper

105 100

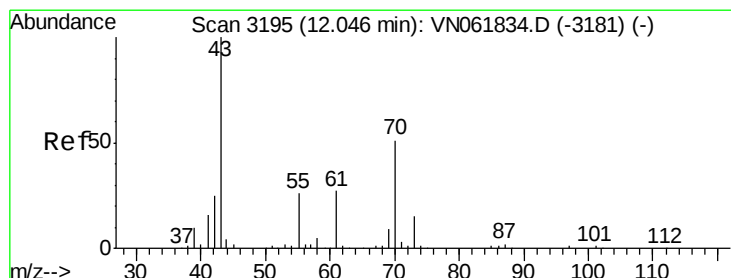
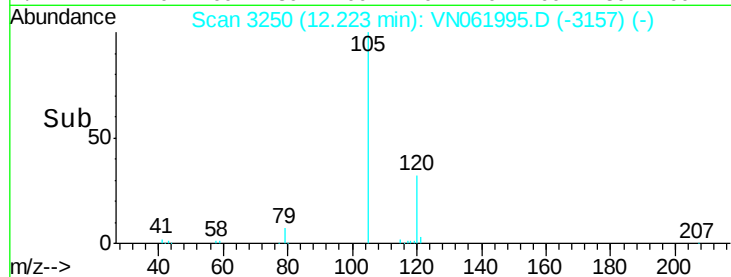
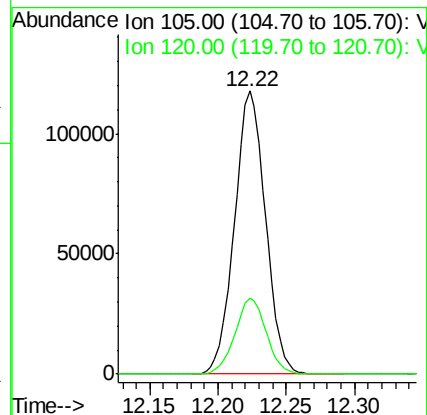
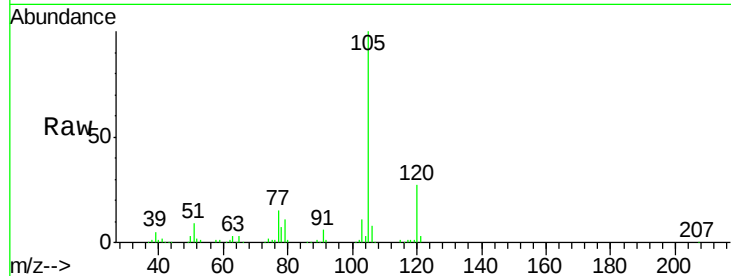
120 26.9 13.3 39.8

Manual Integrations

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#74

N-ethyl acetate

Concen: 20.227 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN061995.D

Acq: 22 Jun 2020 13:25

Tgt Ion: 43 Resp: 59949

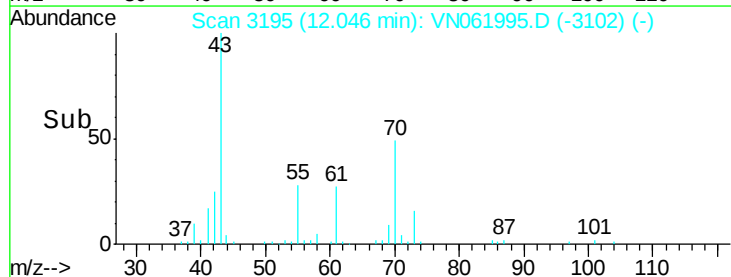
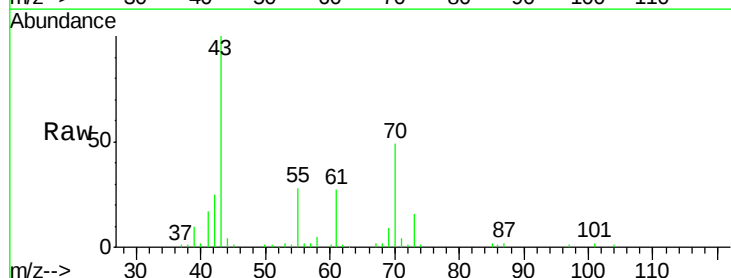
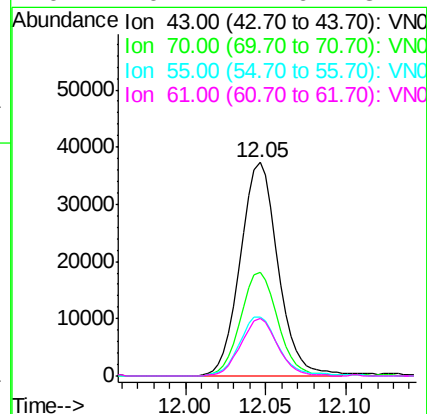
Ion Ratio Lower Upper

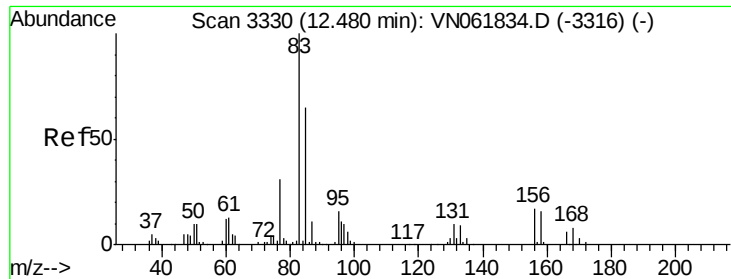
43 100

70 48.4 40.6 60.8

55 28.4 21.5 32.3

61 26.2 21.6 32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 21.240 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN061995.D

Acq: 22 Jun 2020 13:25

Instrument :

MSVOA_N

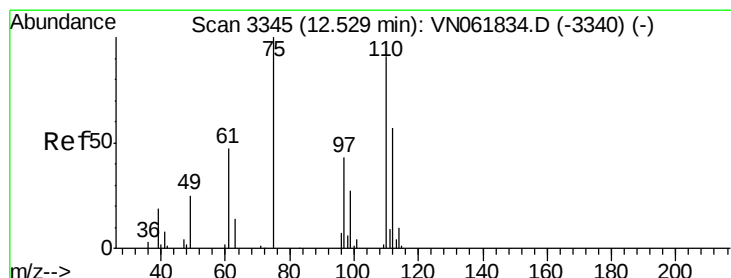
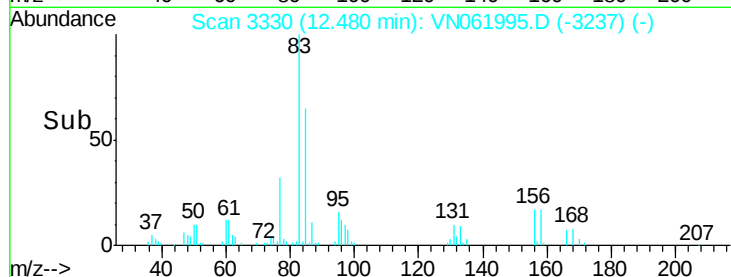
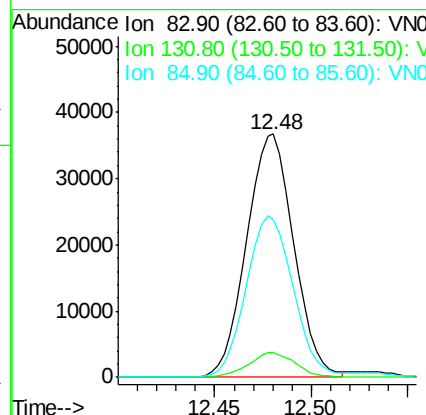
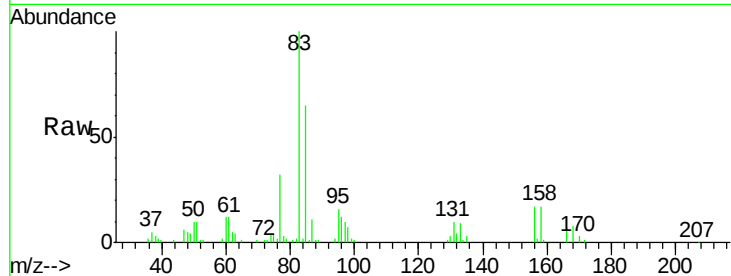
ClientSampleId :

VN0622WBS01

Tot Ion:	83	Resp:	62526
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.0	15.0
85	66.0	32.4	97.2

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#76

1,2,3-Trichloropropane

Concen: 22.299 ug/l m

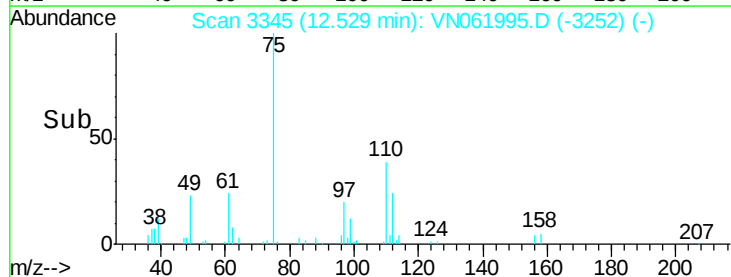
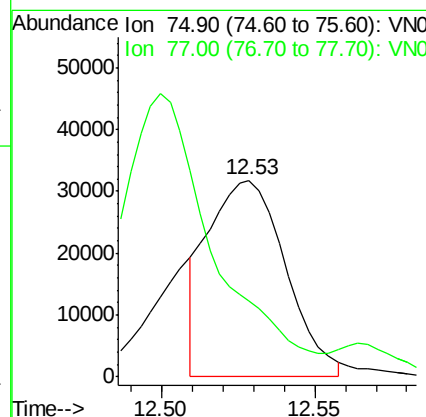
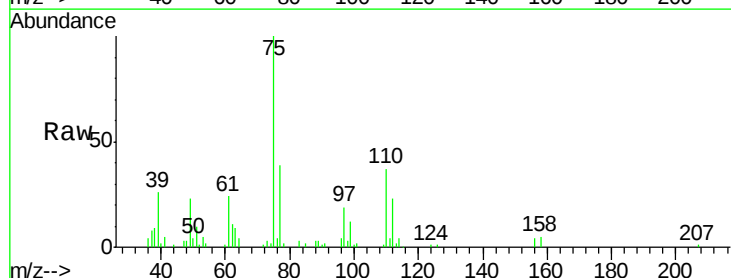
RT: 12.53 min Scan# 3345

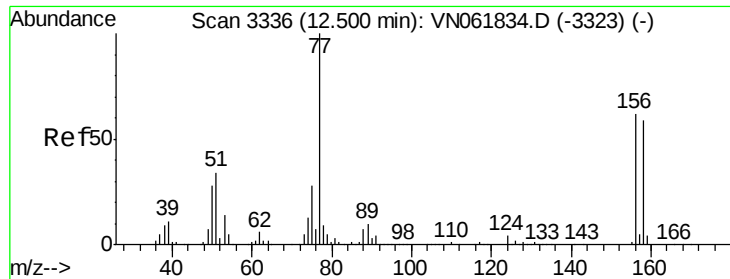
Delta R.T. 0.00 min

Lab File: VN061995.D

Acq: 22 Jun 2020 13:25

Tgt Ion:	75	Resp:	55780
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.507 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN061995.D

Acq: 22 Jun 2020 13:25

Instrument :

MSVOA_N

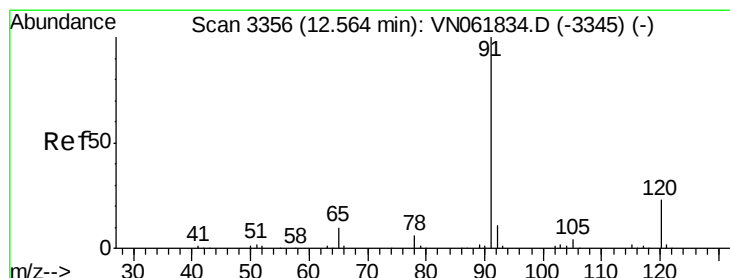
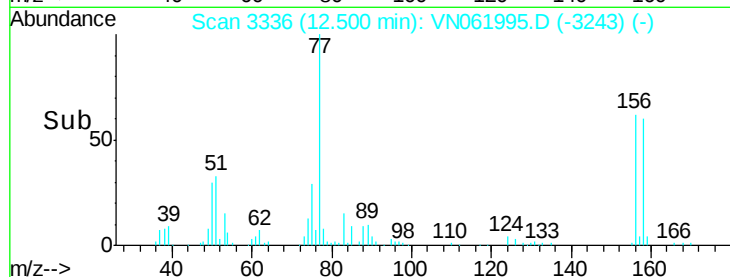
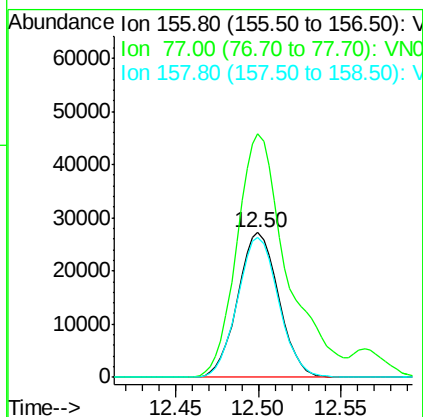
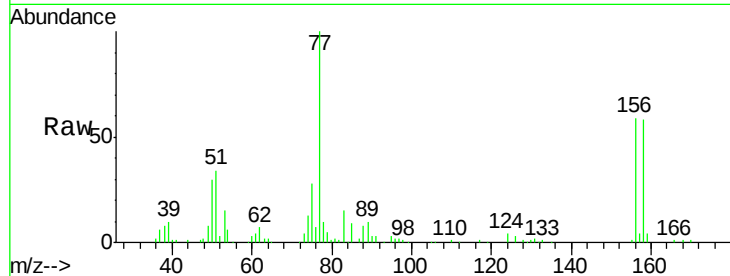
ClientSampleId :

VN0622WBS01

Tot Ion	156	Resp	46845
Ion	Ratio	Lower	Upper
156	100		
77	205.7	100.7	302.1
158	97.1	48.5	145.5

Manual Integrations
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#78

n-propylbenzene

Concen: 20.510 ug/l

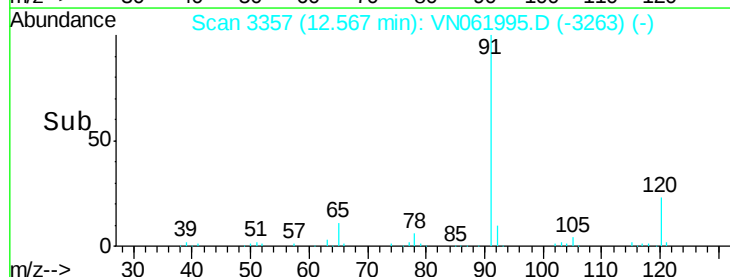
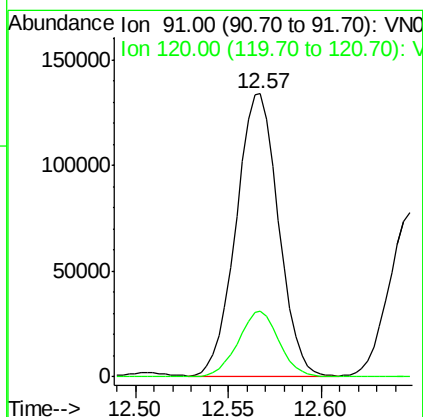
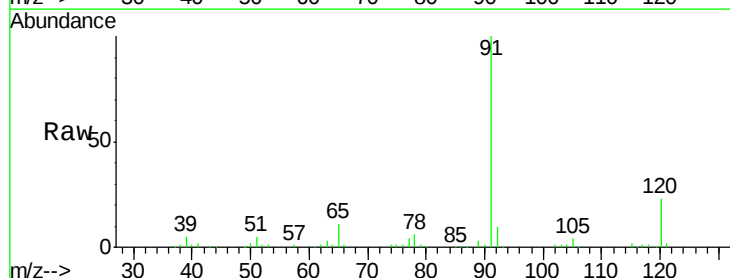
RT: 12.57 min Scan# 3357

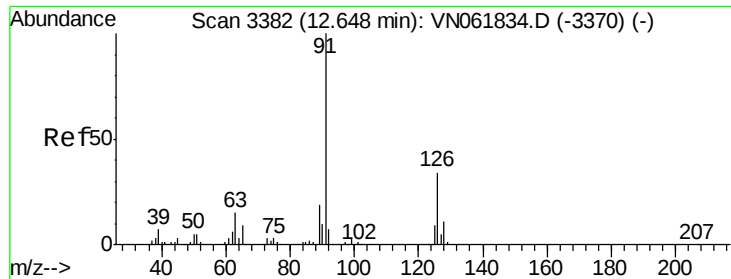
Delta R.T. 0.00 min

Lab File: VN061995.D

Acq: 22 Jun 2020 13:25

Tgt Ion	91	Resp	211895
Ion	Ratio	Lower	Upper
91	100		
120	22.6	11.6	34.8





#79

2-Chlorotoluene

Concen: 20.508 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. 0.00 min

Lab File: VN061995.D

Acq: 22 Jun 2020 13:25

Instrument :

MSVOA_N

ClientSampleId :

VN0622WBS01

Tot Ion: 91 Resp: 127253

Ion Ratio Lower Upper

91 100

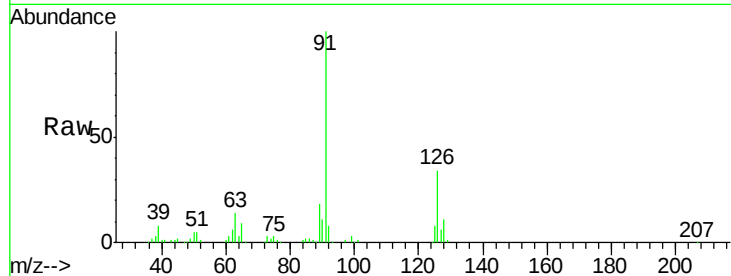
126 34.2 17.3 51.7

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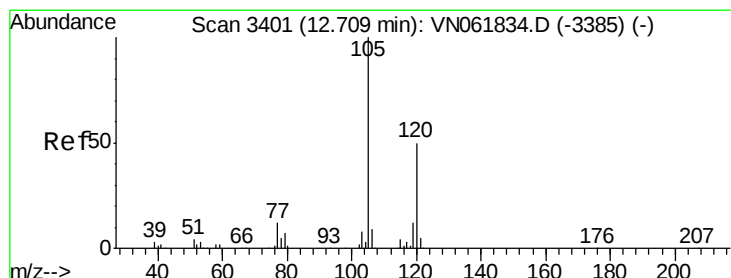
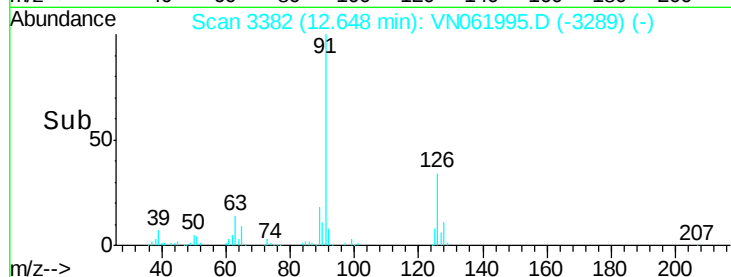
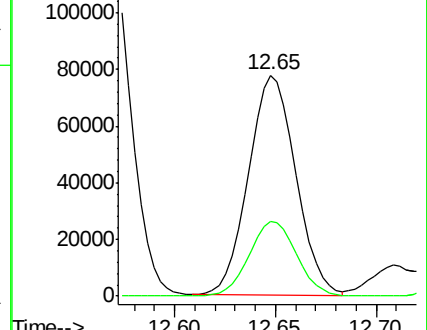
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Abundance Ion 91.00 (90.70 to 91.70): VN061834.D (-3370) (-)

Ion 125.90 (125.60 to 126.60): VN061834.D (-3370) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.450 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN061995.D

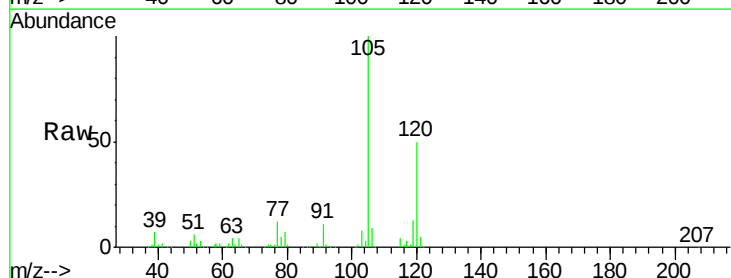
Acq: 22 Jun 2020 13:25

Tgt Ion: 105 Resp: 153189

Ion Ratio Lower Upper

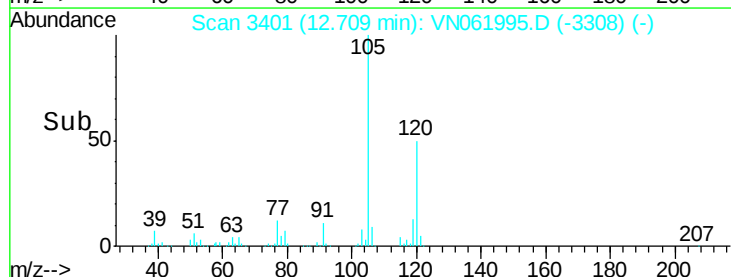
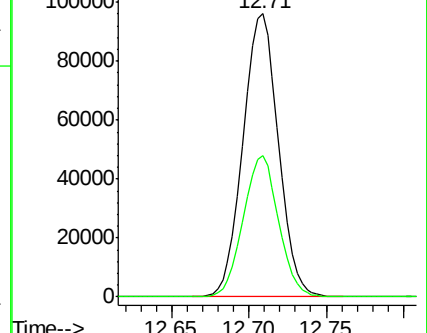
105 100

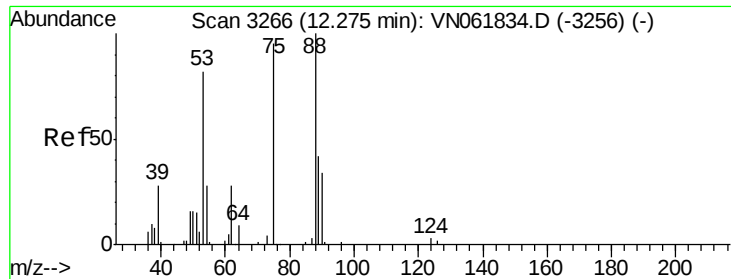
120 49.7 24.9 74.7



Abundance Ion 105.00 (104.70 to 105.70): VN061834.D (-3385) (-)

Ion 120.00 (119.70 to 120.70): VN061834.D (-3385) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 20.568 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN061995.D

Acq: 22 Jun 2020 13:25

Instrument :

MSVOA_N

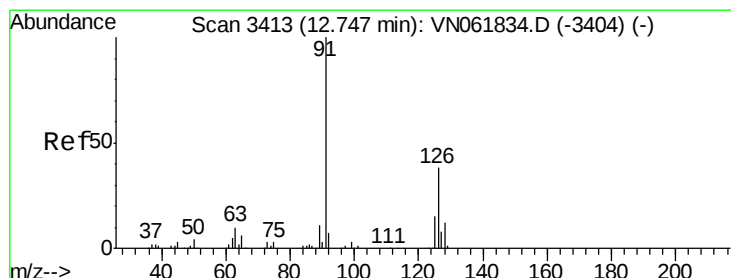
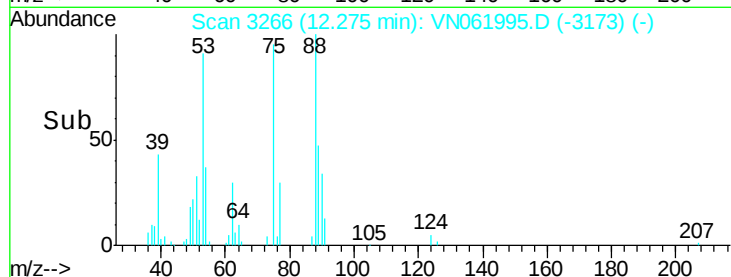
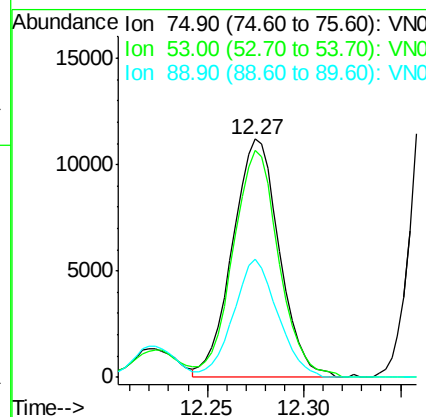
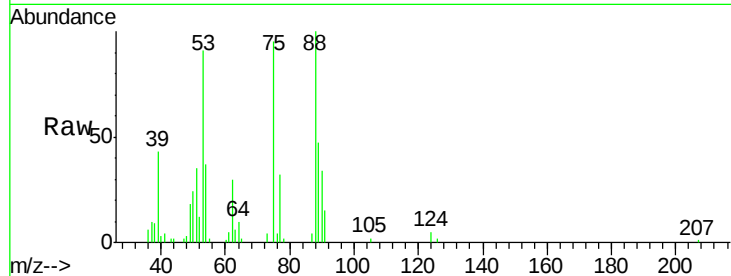
ClientSampleId :

VN0622WBS01

Tot Ion:	75	Resp:	18864
Ion Ratio	Lower	Upper	
75	100		
53	93.3	70.4	105.6
89	46.6	36.0	54.0

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#82

4-Chlorotoluene

Concen: 20.425 ug/l

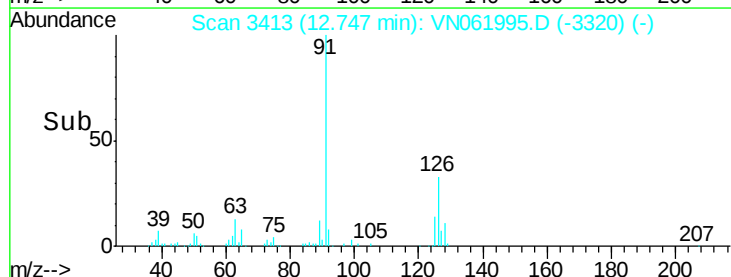
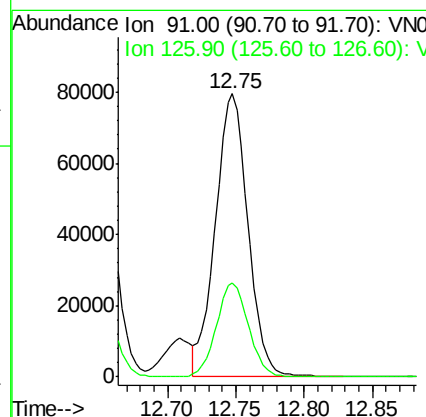
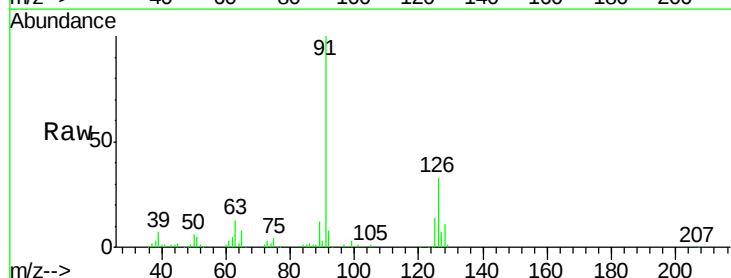
RT: 12.75 min Scan# 3413

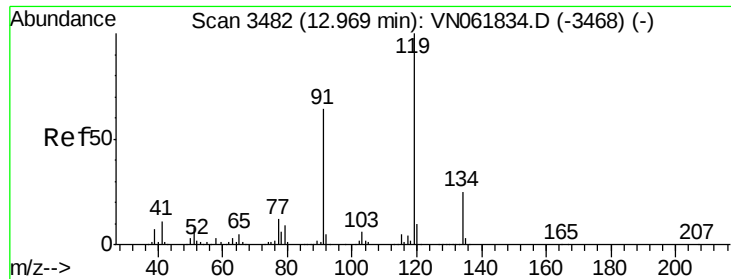
Delta R.T. 0.00 min

Lab File: VN061995.D

Acq: 22 Jun 2020 13:25

Tgt Ion:	91	Resp:	130958
Ion Ratio	Lower	Upper	
91	100		
126	32.8	17.2	51.6





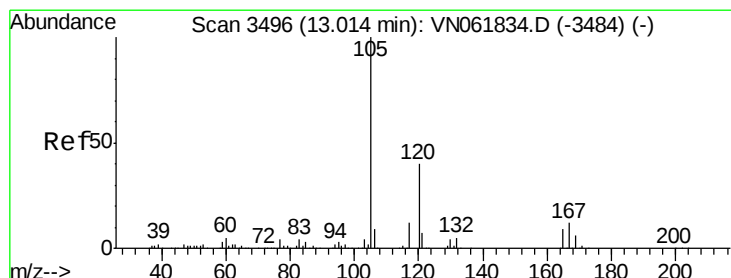
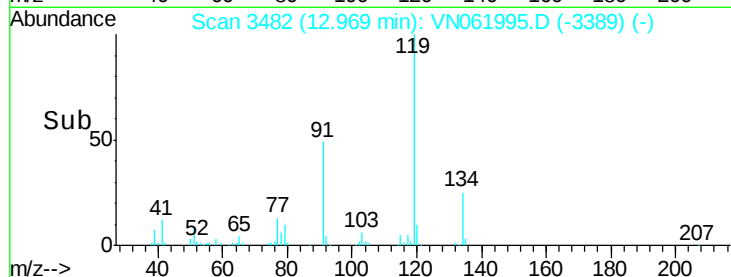
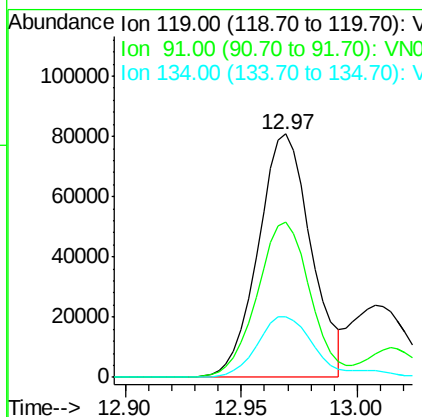
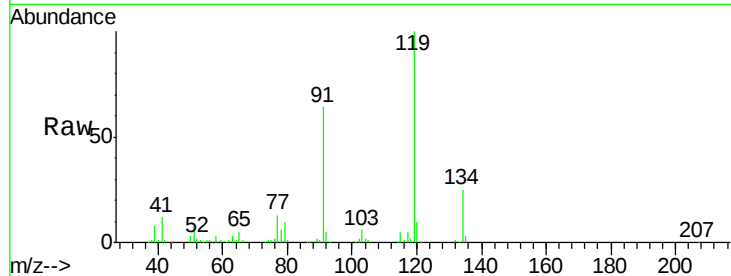
#83
 tert-Butylbenzene
 Concen: 20.242 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. 0.00 min
 Lab File: VN061995.D
 Acq: 22 Jun 2020 13:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	128546		
91	64.4	31.5	94.5	
134	26.0	13.3	39.9	

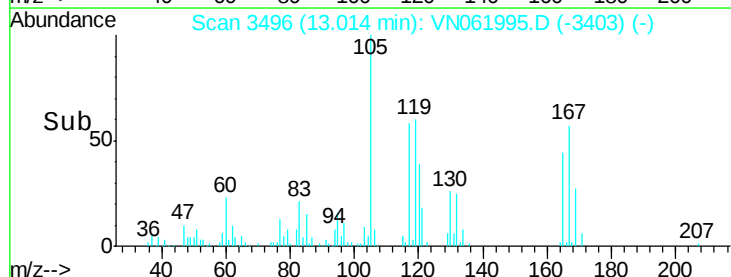
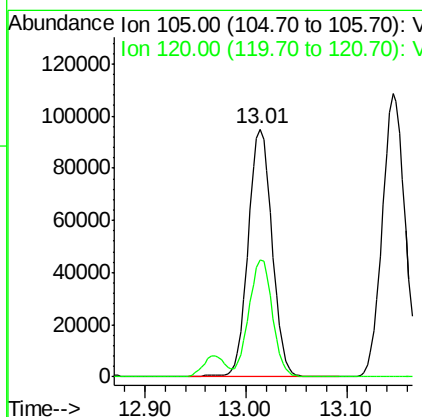
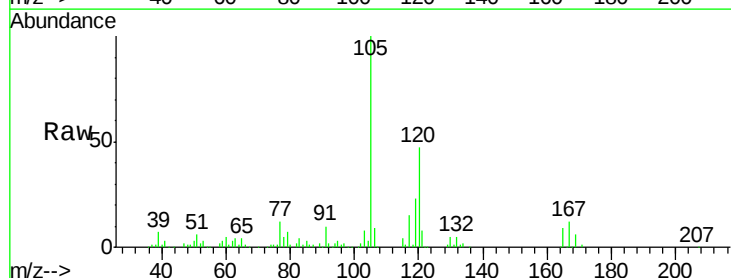
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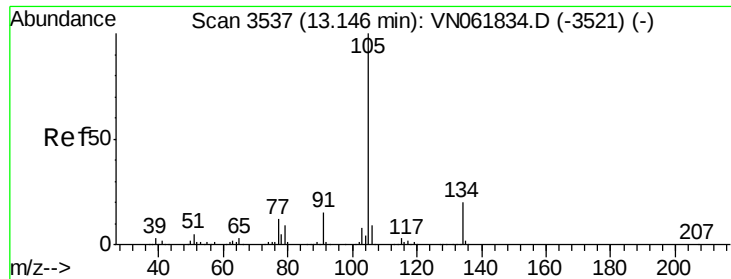
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.948 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN061995.D
 Acq: 22 Jun 2020 13:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	154901		
120	46.7	23.3	69.9	





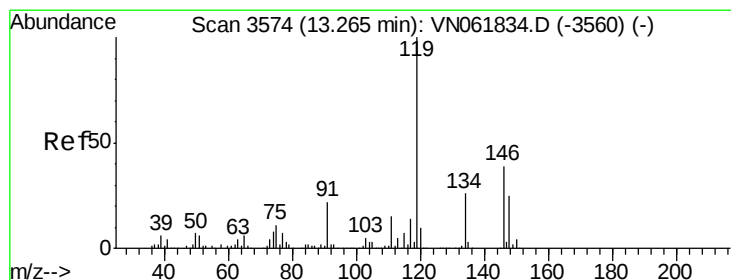
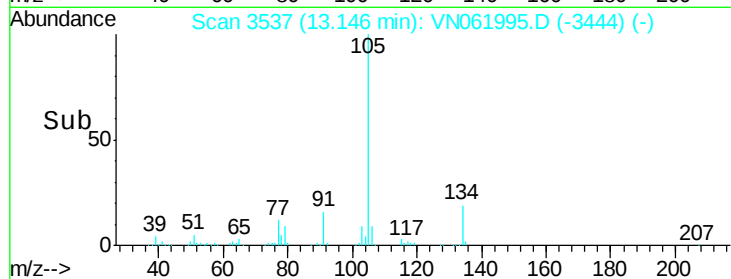
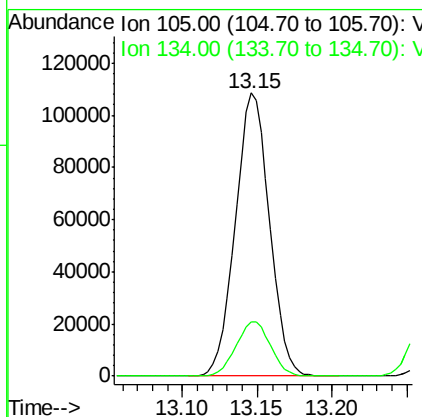
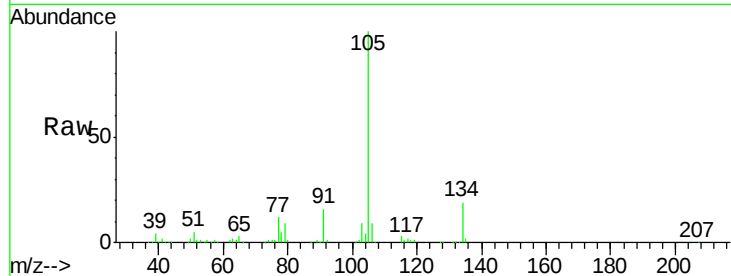
#85
 sec-Butylbenzene
 Concen: 20.706 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. 0.00 min
 Lab File: VN061995.D
 Acq: 22 Jun 2020 13:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.5	10.1	30.1

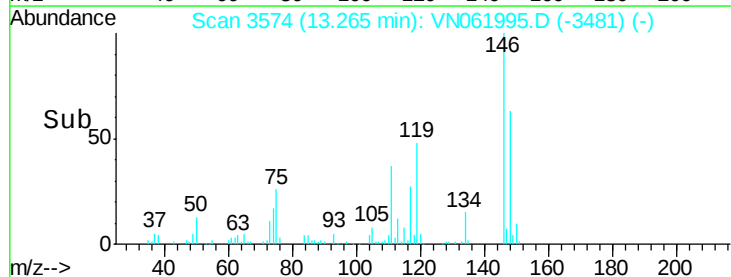
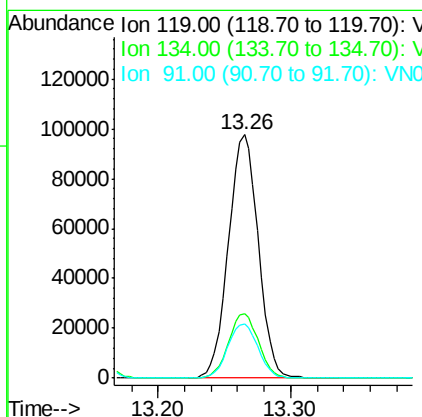
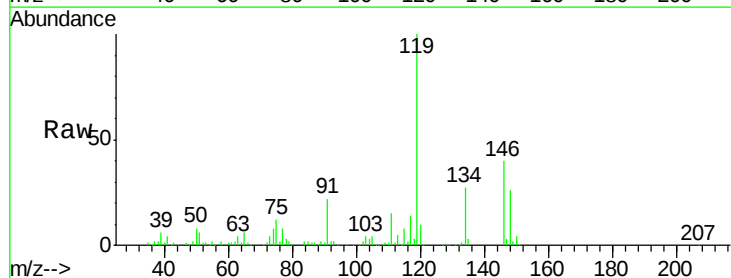
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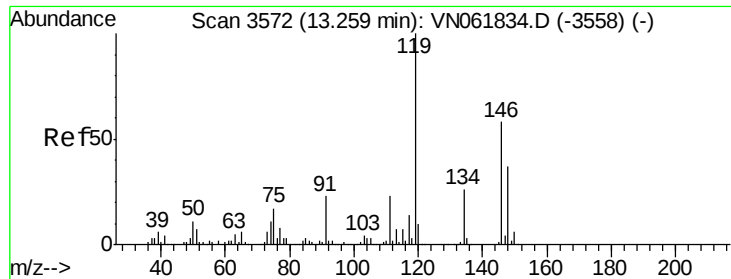
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#86
 p-Isopropyltoluene
 Concen: 20.599 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. 0.00 min
 Lab File: VN061995.D
 Acq: 22 Jun 2020 13:25

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.5	13.3	39.9
91	22.7	11.2	33.6





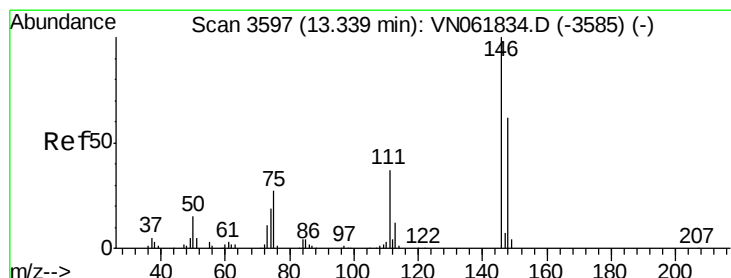
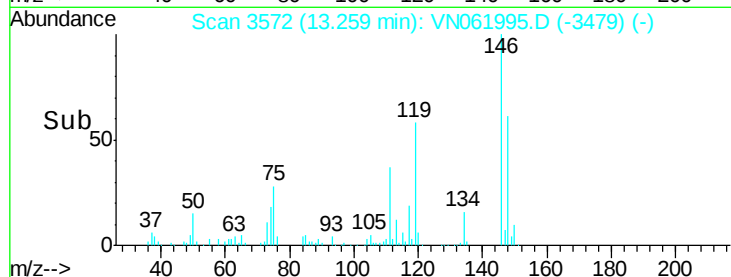
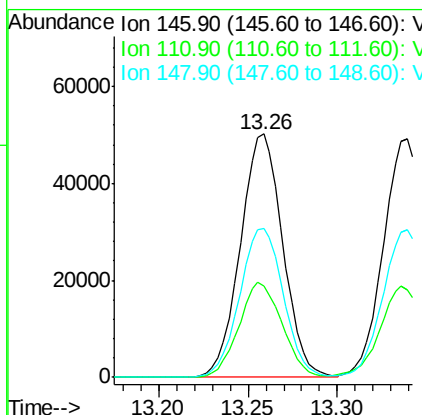
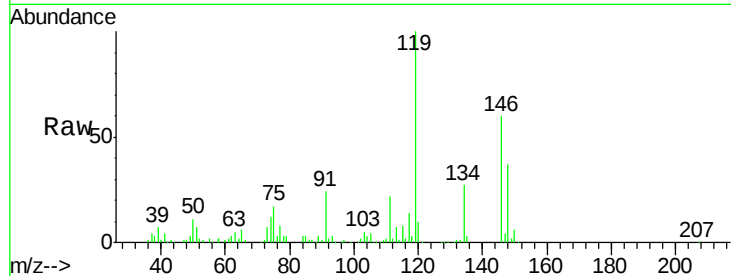
#87
 1,3-Dichlorobenzene
 Concen: 19.979 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN061995.D
 Acq: 22 Jun 2020 13:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.6	58.8
148	63.3	31.8	95.4

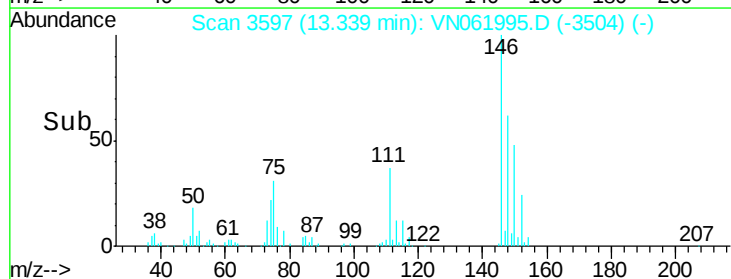
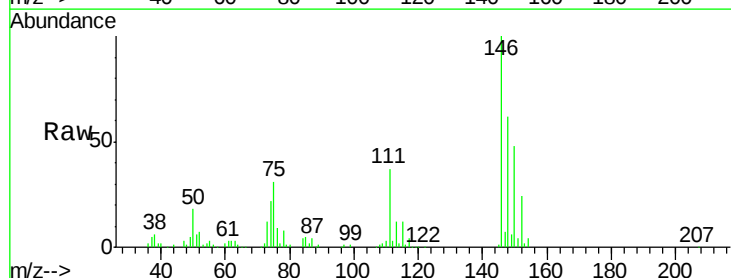
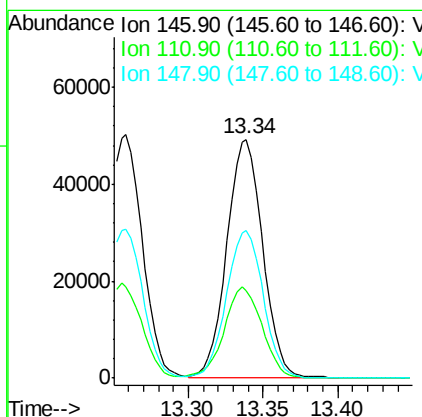
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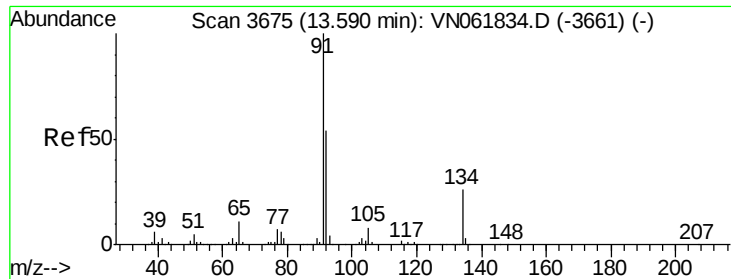
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#88
 1,4-Dichlorobenzene
 Concen: 19.386 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN061995.D
 Acq: 22 Jun 2020 13:25

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.4	19.3	57.8
148	63.3	31.6	94.7





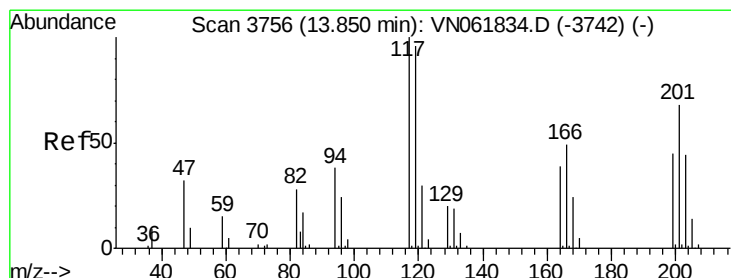
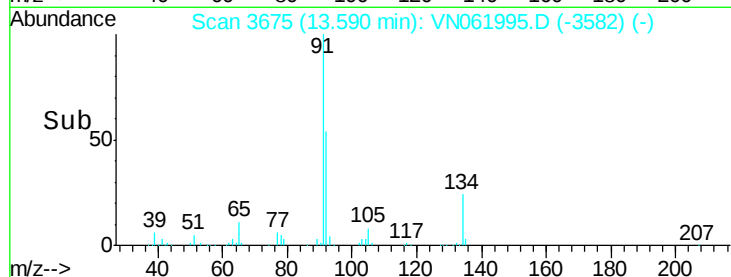
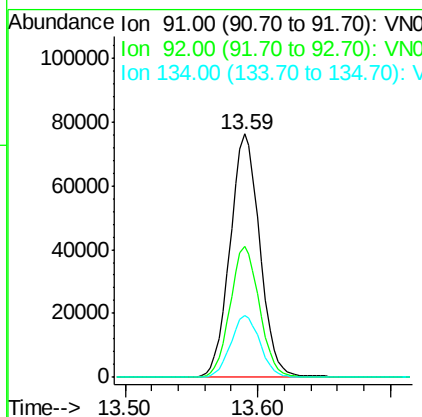
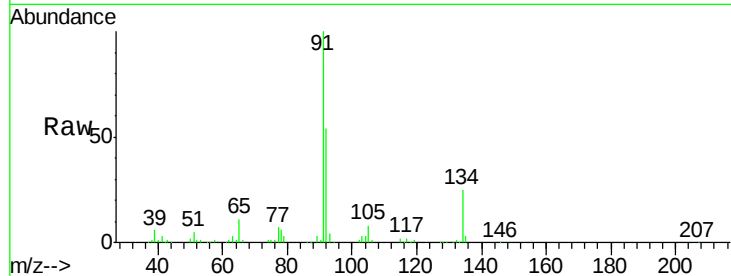
#89
n-Butylbenzene
Concen: 19.254 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN061995.D
Acq: 22 Jun 2020 13:25

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		119099		
92	52.9	27.0	80.8		
134	25.1	13.0	39.0		

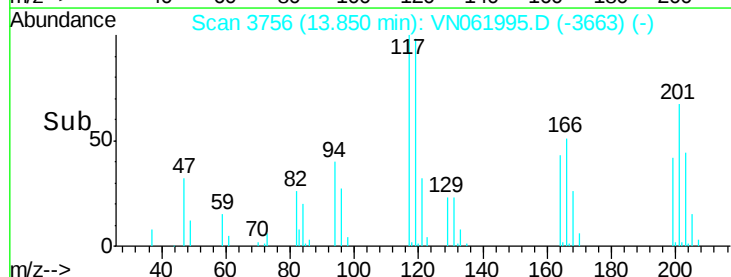
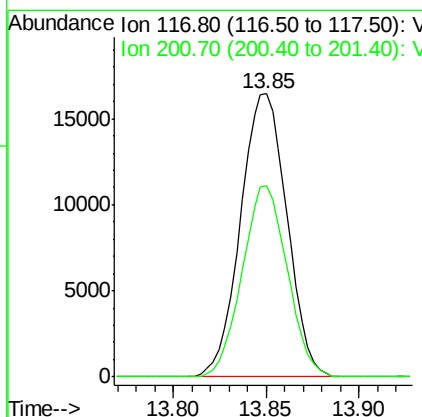
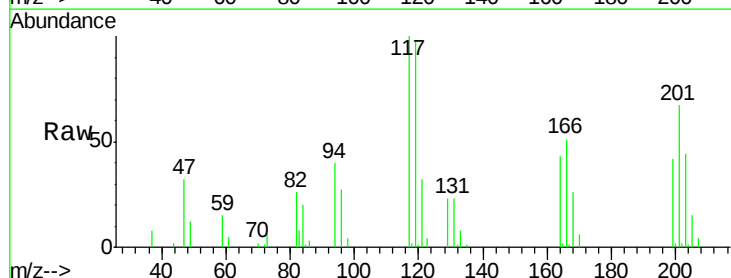
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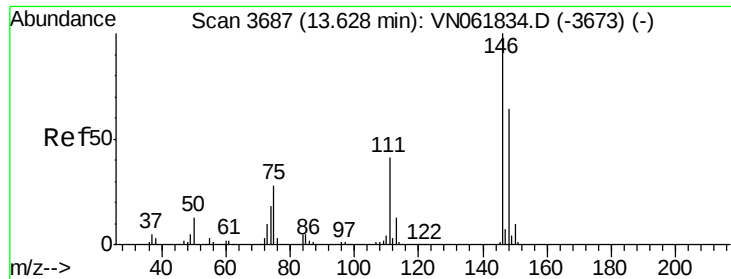
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#90
Hexachloroethane
Concen: 21.062 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. 0.00 min
Lab File: VN061995.D
Acq: 22 Jun 2020 13:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		28557		
201	65.5	34.6	103.8		





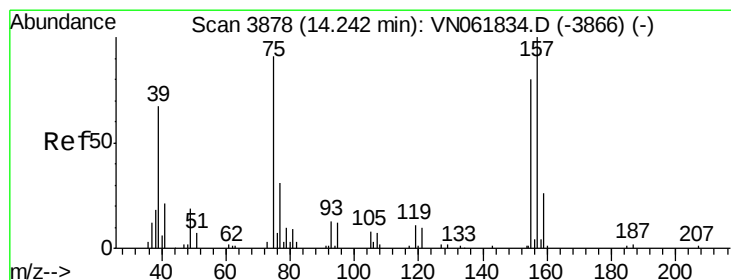
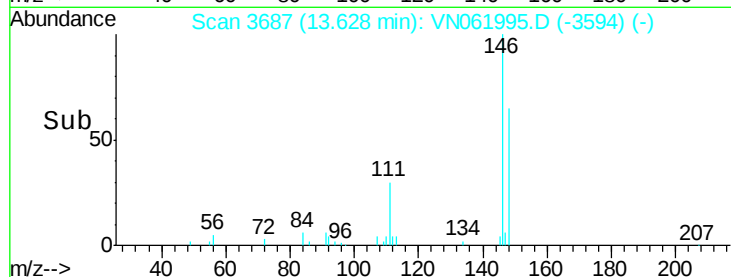
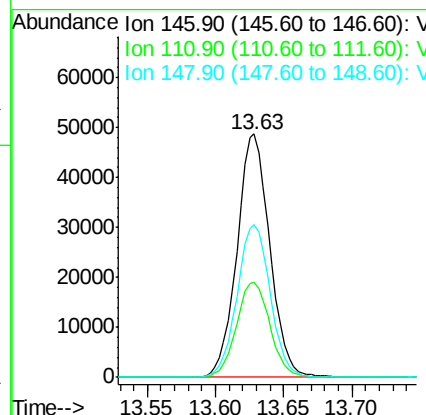
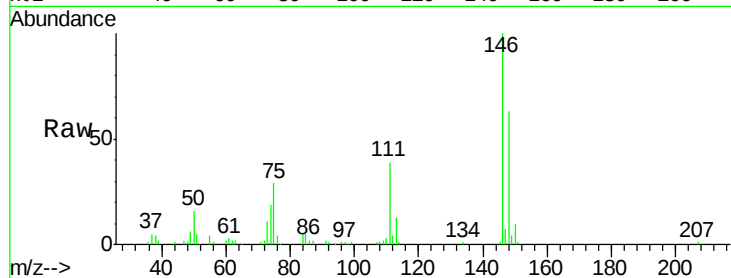
#91
 1,2-Dichlorobenzene
 Concen: 20.237 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN061995.D
 Acq: 22 Jun 2020 13:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.4	61.2
148	63.6	31.8	95.4

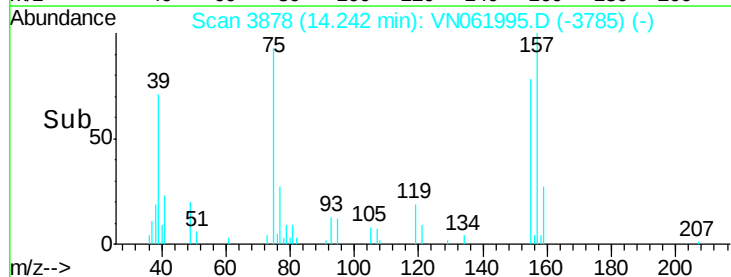
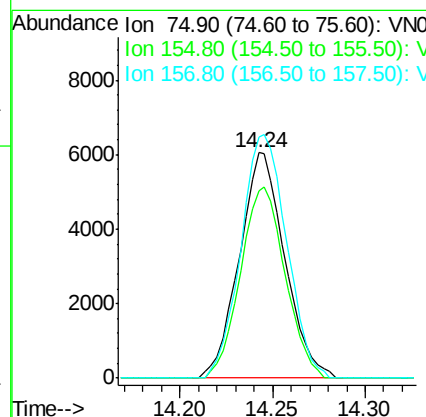
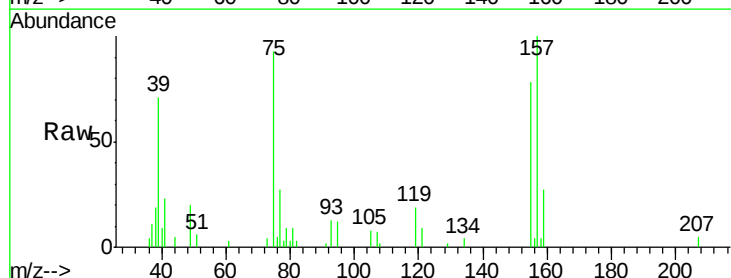
Manual Integrations
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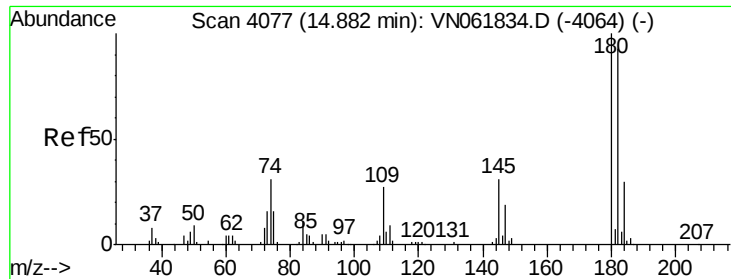
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.544 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. 0.00 min
 Lab File: VN061995.D
 Acq: 22 Jun 2020 13:25

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.1	44.4	133.2
157	108.5	57.0	171.2





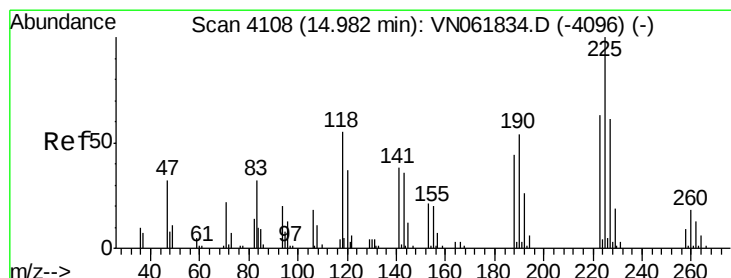
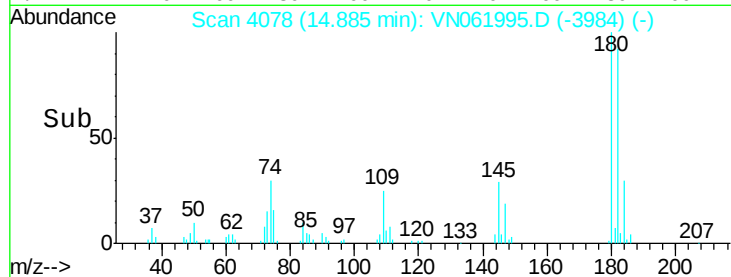
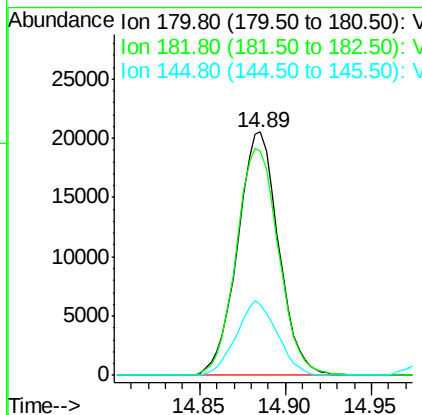
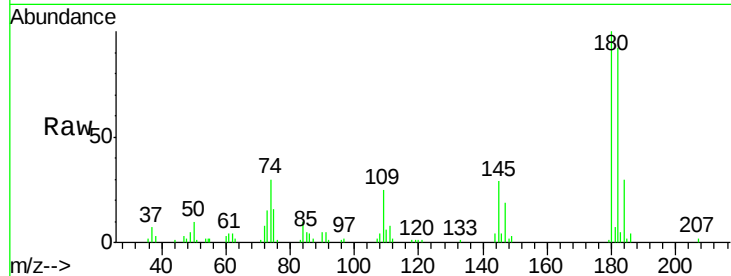
#93
 1,2,4-Trichlorobenzene
 Concen: 17.926 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN061995.D
 Acq: 22 Jun 2020 13:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.6	47.0	141.2
145	30.6	15.8	47.3

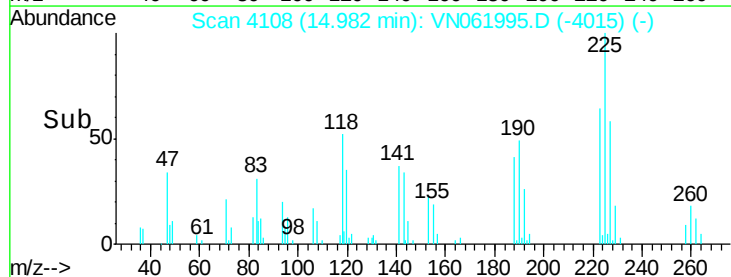
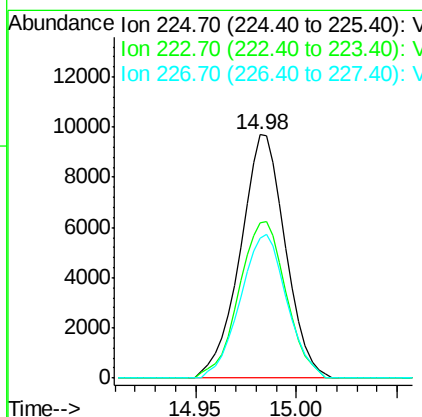
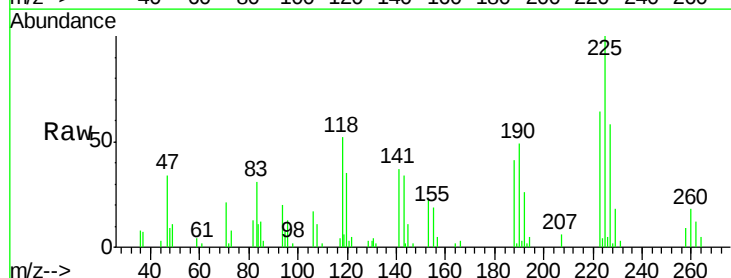
Manual Integrations
 APPROVED

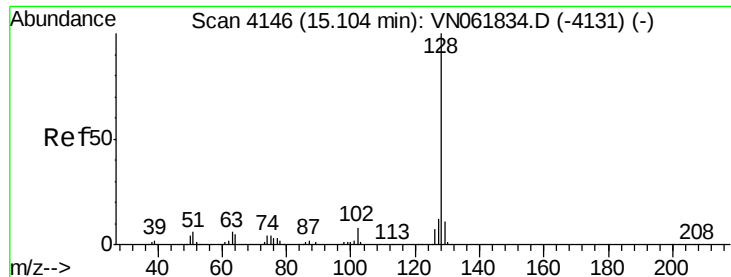
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#94
 Hexachlorobutadiene
 Concen: 20.390 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN061995.D
 Acq: 22 Jun 2020 13:25

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.9	31.7	95.1
227	60.6	30.1	90.3





#95

Naphthalene

Concen: 17.901 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN061995.D

Acq: 22 Jun 2020 13:25

Instrument :

MSVOA_N

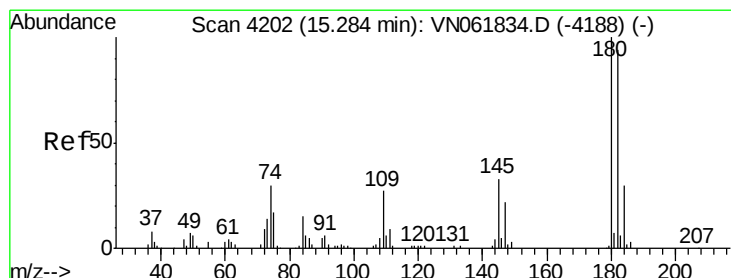
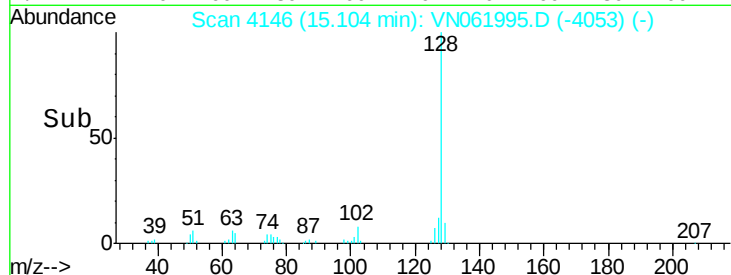
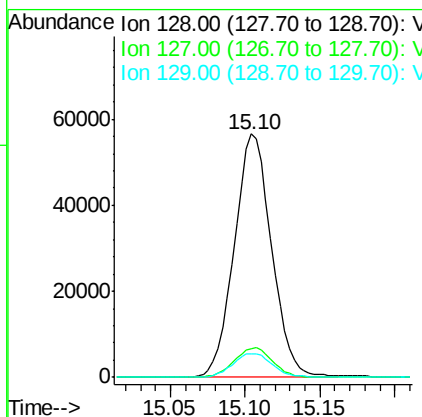
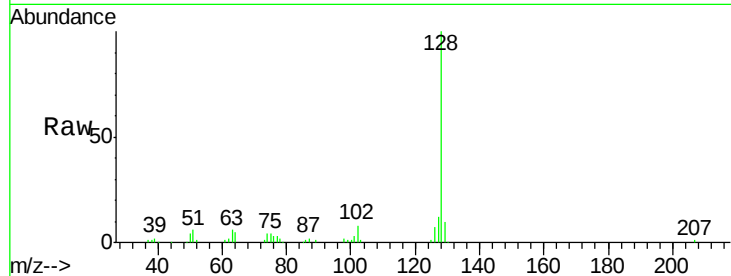
ClientSampleId :

VN0622WBS01

Tot Ion:	128	Resp:	98226
Ion Ratio	Lower	Upper	
128	100		
127	12.4	10.3	15.5
129	10.4	8.6	13.0

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 18.275 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN061995.D

Acq: 22 Jun 2020 13:25

Tgt Ion:	180	Resp:	34255
Ion Ratio	Lower	Upper	
180	100		
182	97.0	47.9	143.6
145	34.2	16.5	49.5

