

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062220\
 Data File : VN062001.D
 Acq On : 22 Jun 2020 15:54
 Operator : JC/MD
 Sample : VN0622WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBSD01

Manual Integrations
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 6/23/2020 12:47:50 PM

Quant Time: Jun 23 05:49:56 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	156255	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	277446	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	260768	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	122182	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	111566	53.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.48%	
35) Dibromofluoromethane	7.55	113	92394	52.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.10%	
50) Toluene-d8	10.06	98	355493	50.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.88%	
62) 4-Bromofluorobenzene	12.38	95	120962	50.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.08%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.83	85	39320	19.519	ug/l	100
3) Chloromethane	2.03	50	42270	19.489	ug/l	98
4) Vinyl Chloride	2.16	62	51534	19.931	ug/l	98
5) Bromomethane	2.53	94	36683	18.475	ug/l	97
6) Chloroethane	2.67	64	35072	20.042	ug/l	99
7) Trichlorofluoromethane	2.98	101	64209	20.790	ug/l	95
8) Diethyl Ether	3.37	74	22693	21.856	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.72	101	35045	22.118	ug/l	96
10) Methyl Iodide	3.91	142	38477	23.299	ug/l	100
11) Tert butyl alcohol	4.73	59	33626	115.956	ug/l	100
12) 1,1-Dichloroethene	3.70	96	32374	20.391	ug/l	98
13) Acrolein	3.57	56	18224	105.147	ug/l	96
14) Allyl chloride	4.28	41	45340	21.518	ug/l	98
15) Acrylonitrile	4.93	53	86824	120.833	ug/l	99
16) Acetone	3.78	43	72649	117.364	ug/l	96
17) Carbon Disulfide	4.00	76	76828	16.539	ug/l	100
18) Methyl Acetate	4.28	43	42439	23.814	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	118072	22.336	ug/l	98
20) Methylene Chloride	4.50	84	40897	20.279	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	36314	19.914	ug/l	99
22) Diisopropyl ether	5.90	45	108841	22.585	ug/l	97
23) Vinyl Acetate	5.84	43	419329	110.634	ug/l	98
24) 1,1-Dichloroethane	5.80	63	68697	21.776	ug/l	97
25) 2-Butanone	6.79	43	106155	117.541	ug/l	97
26) 2,2-Dichloropropane	6.78	77	57428	21.637	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	43906	20.867	ug/l	98
28) Bromochloromethane	7.15	49	32911	23.431	ug/l	94
29) Tetrahydrofuran	7.17	42	71059	119.556	ug/l	96
30) Chloroform	7.33	83	71571	21.228	ug/l	97
31) Cyclohexane	7.62	56	50867	18.419	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	60149	20.948	ug/l	98
36) 1,1-Dichloropropene	7.75	75	48130	19.019	ug/l	97
37) Ethyl Acetate	6.89	43	46031	23.293	ug/l	98
38) Carbon Tetrachloride	7.73	117	50165	20.018	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	50446	18.513	ug/l	98
40) Benzene	8.00	78	156599	20.428	ug/l	100
41) Methacrylonitrile	7.14	41	20998m	24.849	ug/l	
42) 1,2-Dichloroethane	8.09	62	55916	21.392	ug/l	98
43) Isopropyl Acetate	8.13	43	72982	21.914	ug/l #	90
44) Trichloroethene	8.80	130	40597	20.123	ug/l	100
45) 1,2-Dichloropropane	9.09	63	39571	21.005	ug/l	100
46) Dibromomethane	9.18	93	28471	21.462	ug/l	96
47) Bromodichloromethane	9.37	83	57586	21.199	ug/l	99
48) Methyl methacrylate	9.17	41	32579	21.511	ug/l	97
49) 1,4-Dioxane	9.17	88	15131	435.160	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	227607	115.654	ug/l	100
52) Toluene	10.12	92	100833	20.944	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	61321	21.265	ug/l	96
54) cis-1,3-Dichloropropene	9.81	75	65514	20.917	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	42290	22.326	ug/l	97
56) Ethyl methacrylate	10.40	69	54039	20.495	ug/l	96
57) 1,3-Dichloropropane	10.68	76	71347	22.233	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	103168	103.199	ug/l	98
59) 2-Hexanone	10.72	43	161623	110.691	ug/l	99
60) Dibromochloromethane	10.87	129	44808	21.199	ug/l	100
61) 1,2-Dibromoethane	10.98	107	41155	20.807	ug/l	99
64) Tetrachloroethene	10.60	164	34759	20.913	ug/l	94
65) Chlorobenzene	11.41	112	110419	20.067	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	40063	20.877	ug/l	98
67) Ethyl Benzene	11.48	91	186277	20.191	ug/l	99
68) m/p-Xylenes	11.59	106	144134	40.517	ug/l	99
69) o-Xylene	11.92	106	69630	20.514	ug/l	100
70) Styrene	11.94	104	115957	20.403	ug/l	99
71) Bromoform	12.10	173	29273	20.920	ug/l #	99
73) Isopropylbenzene	12.22	105	183264	21.108	ug/l	99
74) N-amyl acetate	12.04	43	60409	21.099	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	62187	22.030	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	50710m	21.140	ug/l	
77) Bromobenzene	12.50	156	46223	21.102	ug/l	99
78) n-propylbenzene	12.56	91	202441	20.434	ug/l	99
79) 2-Chlorotoluene	12.65	91	124414	20.910	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	149905	20.869	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	19003	21.607	ug/l	95
82) 4-Chlorotoluene	12.75	91	130351	21.201	ug/l	97
83) tert-Butylbenzene	12.97	119	125080	20.540	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	151370	21.348	ug/l	100
85) sec-Butylbenzene	13.15	105	167040	20.957	ug/l	99
86) p-Isopropyltoluene	13.26	119	147828	20.814	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	80271	20.092	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	80091	19.585	ug/l	97
89) n-Butylbenzene	13.59	91	111941	18.872	ug/l	100
90) Hexachloroethane	13.85	117	26895	20.686	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	79402	20.645	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	10237	22.338	ug/l	92

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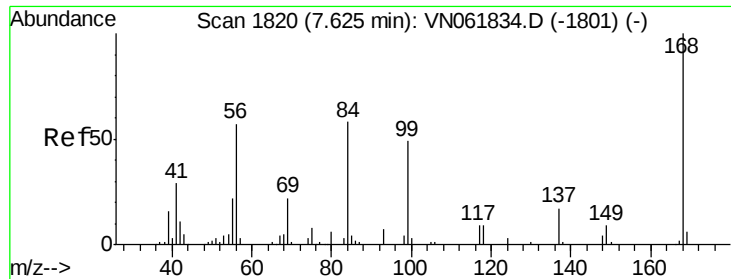
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	32990	18.178	ug/l	98
94) Hexachlorobutadiene	14.99	225	15621	21.854	ug/l	99
95) Naphthalene	15.10	128	94729	17.984	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	34493	19.191	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062001.D

Acq: 22 Jun 2020 15:54

Instrument :

MSVOA_N

ClientSampleId :

VN0622WBSD01

Tot Ion:168 Resp: 156255

Ion Ratio Lower Upper

168 100

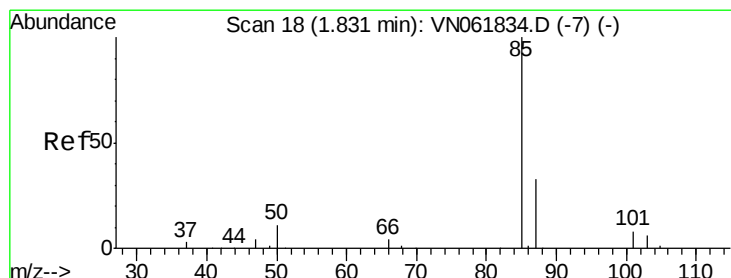
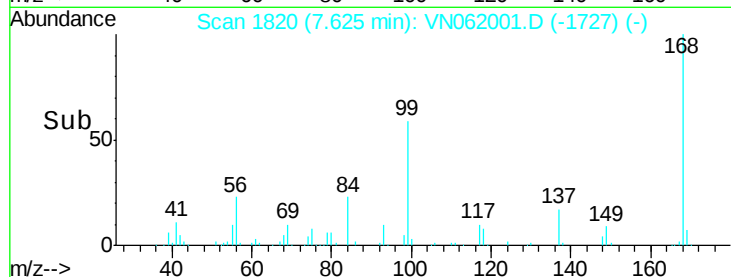
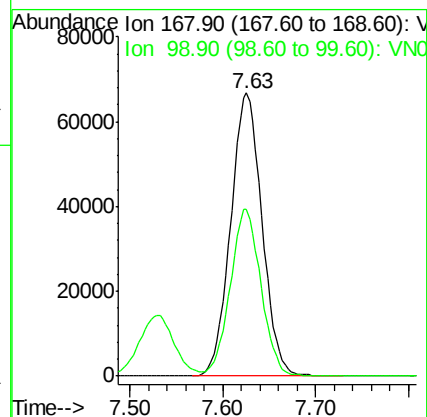
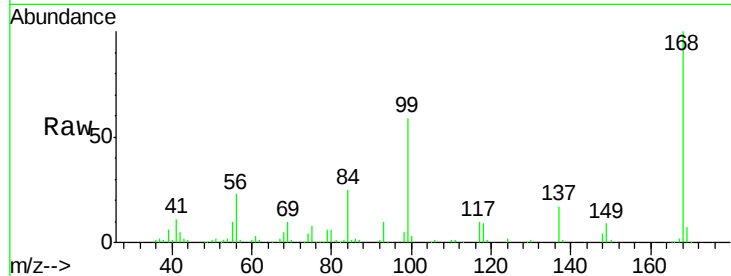
99 59.0 44.6 67.0

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 19.519 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062001.D

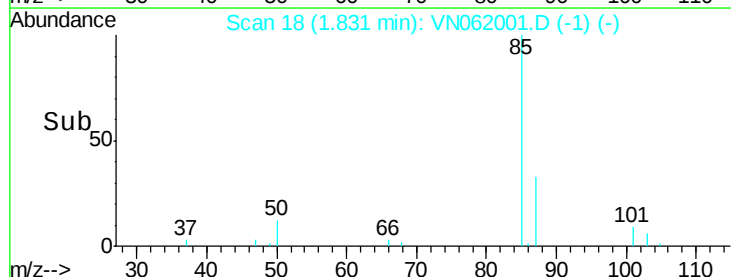
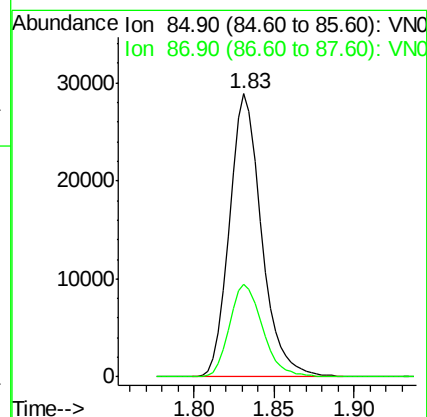
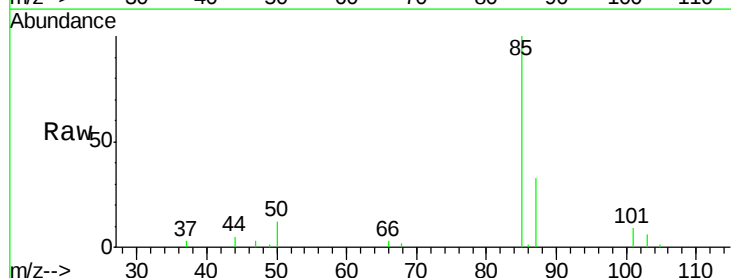
Acq: 22 Jun 2020 15:54

Tgt Ion: 85 Resp: 39320

Ion Ratio Lower Upper

85 100

87 33.0 16.6 49.8





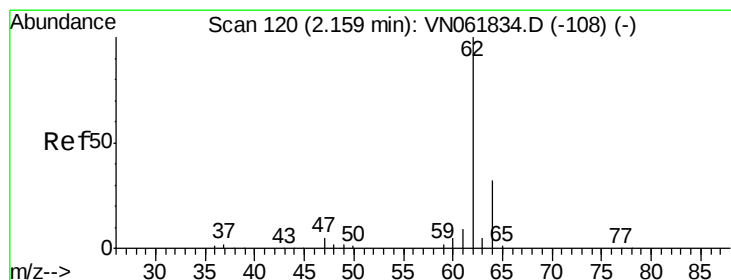
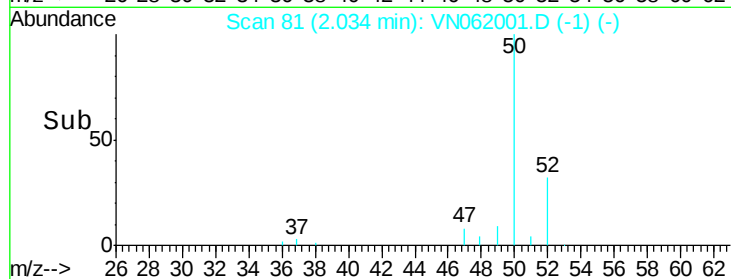
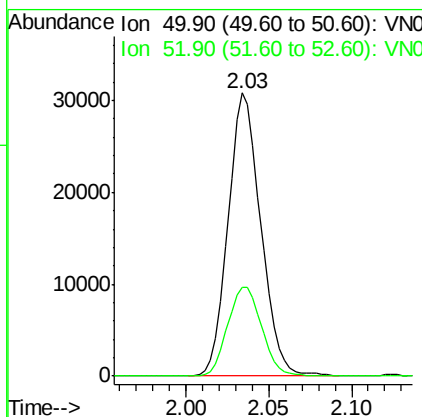
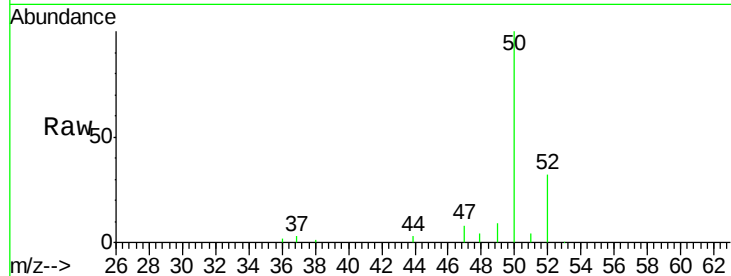
#3
Chloromethane
Concen: 19.489 ug/l
RT: 2.03 min Scan# 81
Delta R.T. -0.00 min
Lab File: VN062001.D
Acq: 22 Jun 2020 15:54

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBSD01

Tot Ion: 50 Resp: 42270
Ion Ratio Lower Upper
50 100
52 31.5 26.0 39.0

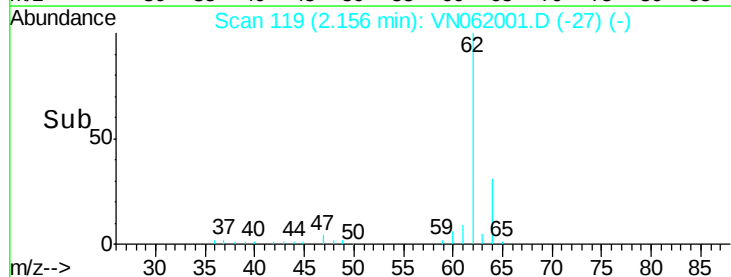
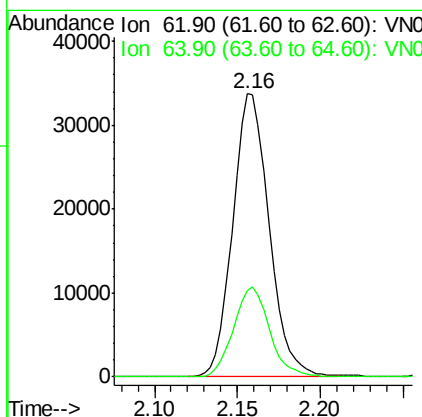
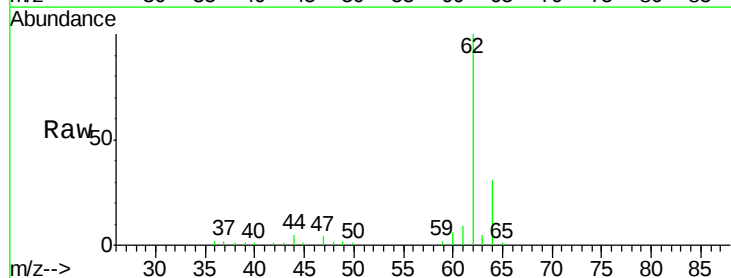
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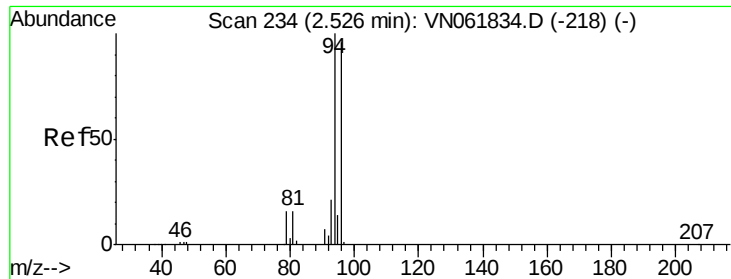
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#4
Vinyl Chloride
Concen: 19.931 ug/l
RT: 2.16 min Scan# 119
Delta R.T. -0.00 min
Lab File: VN062001.D
Acq: 22 Jun 2020 15:54

Tgt Ion: 62 Resp: 51534
Ion Ratio Lower Upper
62 100
64 30.7 25.5 38.3





#5

Bromomethane

Concen: 18.475 ug/l

RT: 2.53 min Scan# 234

Delta R.T. -0.00 min

Lab File: VN062001.D

Acq: 22 Jun 2020 15:54

Instrument :

MSVOA_N

ClientSampleId :

VN0622WBSD01

Tot Ion: 94 Resp: 36683

Ion Ratio Lower Upper

94 100

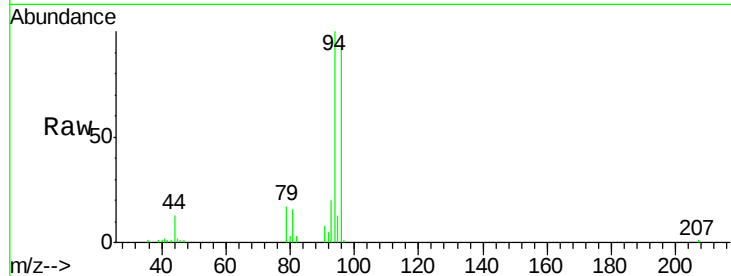
96 93.4 76.7 115.1

Manual Integrations

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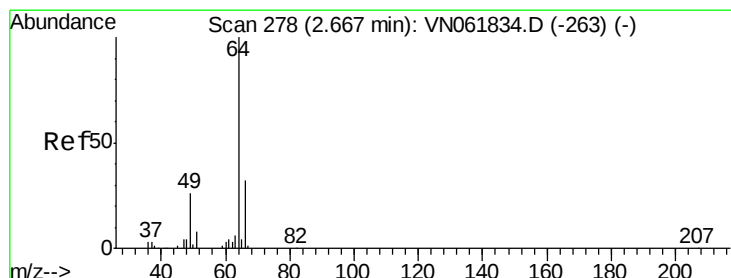
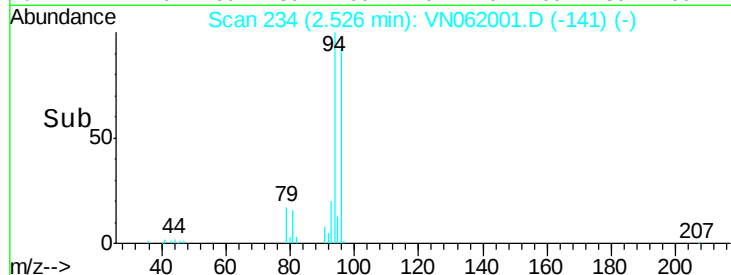
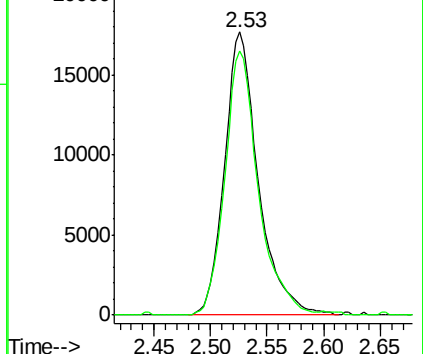
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 20.042 ug/l

RT: 2.67 min Scan# 278

Delta R.T. -0.00 min

Lab File: VN062001.D

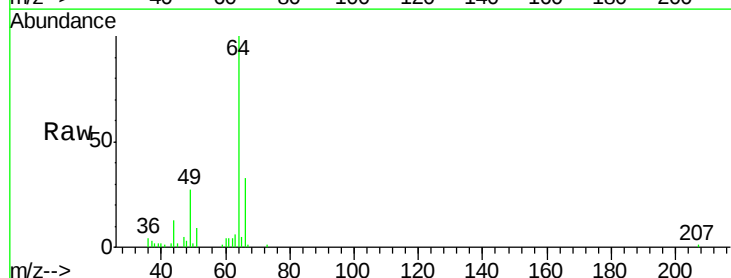
Acq: 22 Jun 2020 15:54

Tgt Ion: 64 Resp: 35072

Ion Ratio Lower Upper

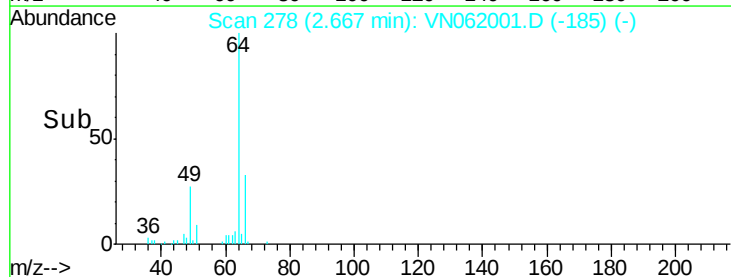
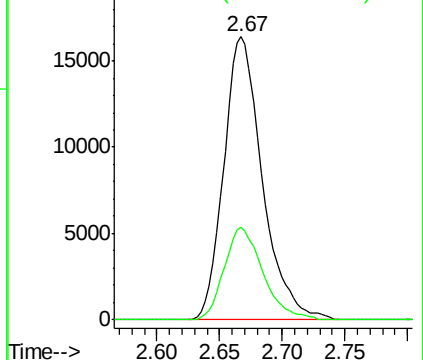
64 100

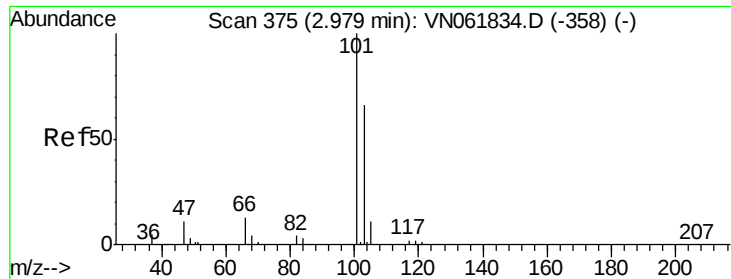
66 32.6 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

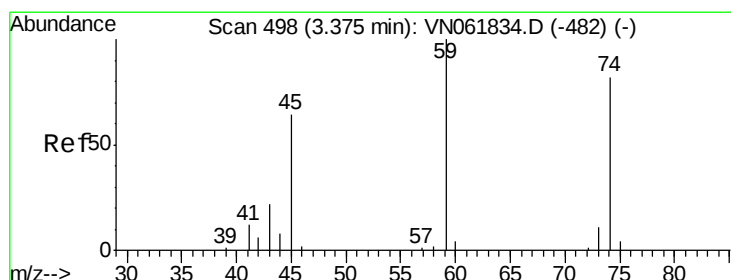
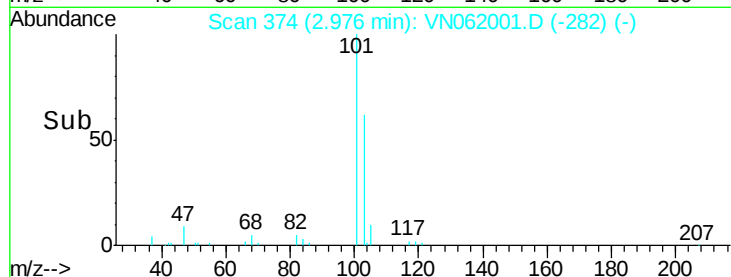
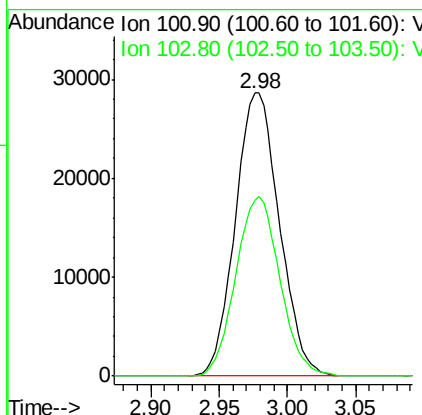
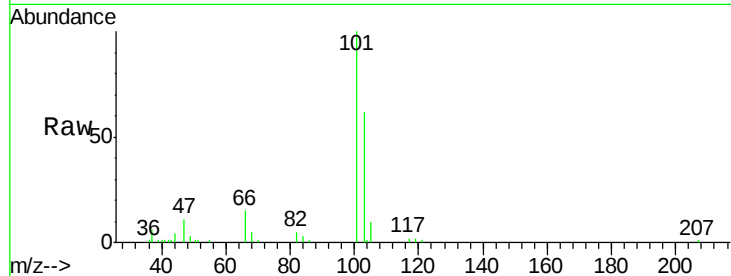
Trichlorofluoromethane
 Concen: 20.790 ug/l
 RT: 2.98 min Scan# 374
 Delta R.T. -0.00 min
 Lab File: VN062001.D
 Acq: 22 Jun 2020 15:54

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Tot Ion	Ratio	Lower	Upper
101	100		
103	62.3	52.8	79.2

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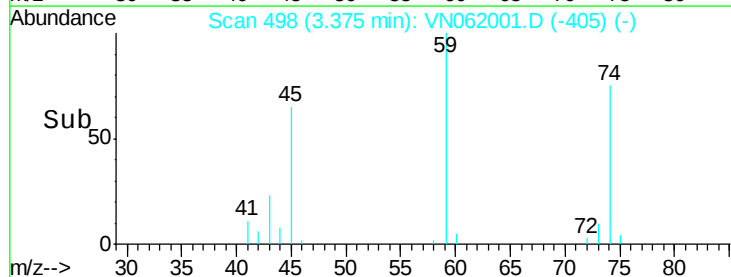
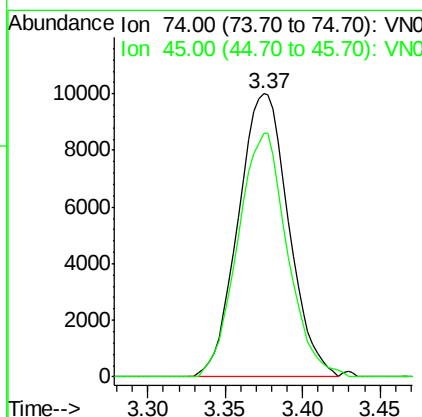
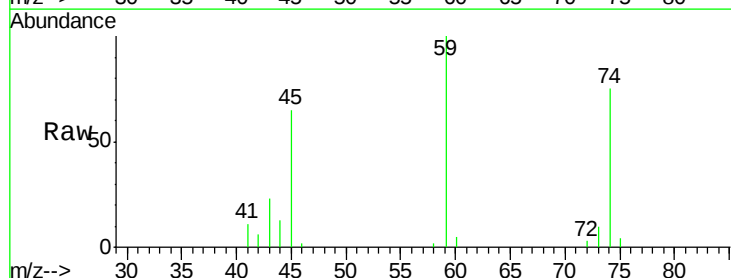
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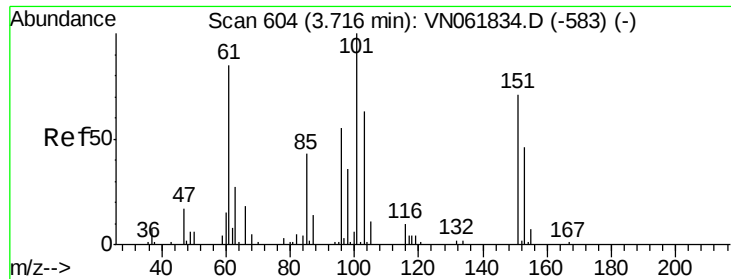


#8

Diethyl Ether
 Concen: 21.856 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. -0.00 min
 Lab File: VN062001.D
 Acq: 22 Jun 2020 15:54

Tgt Ion	Ratio	Lower	Upper
74	100		
45	84.3	39.1	117.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.118 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN062001.D

Acq: 22 Jun 2020 15:54

Instrument :

MSVOA_N

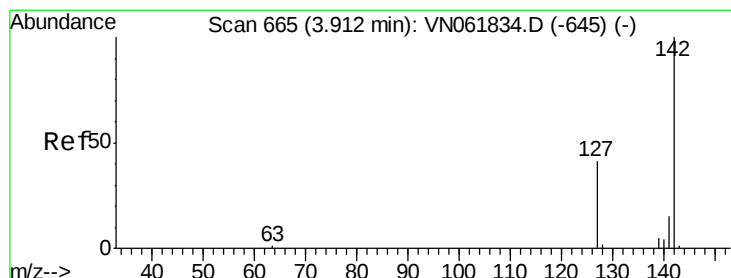
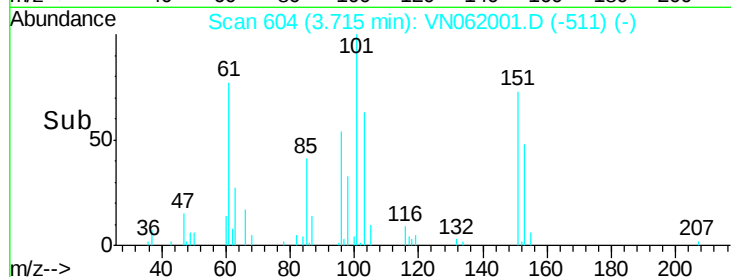
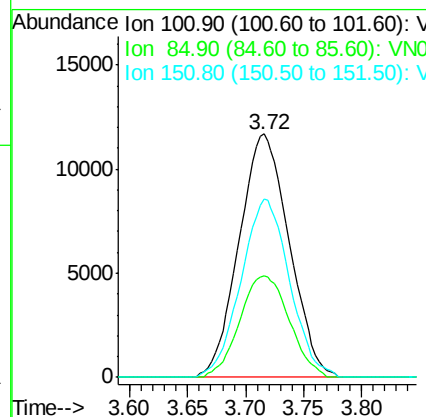
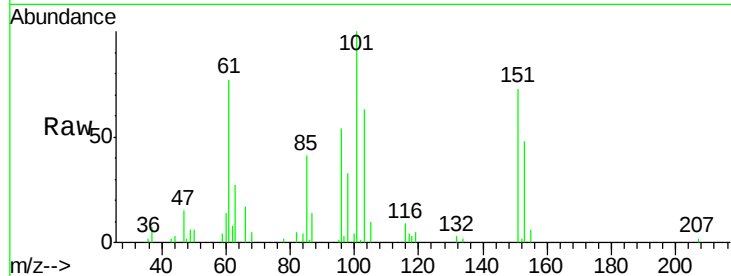
ClientSampleId :

VN0622WBSD01

Tot Ion:	101	Resp:	35045
Ion Ratio	Lower	Upper	
101	100		
85	41.1	35.0	52.6
151	71.1	59.2	88.8

Manual Integrations
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#10

Methyl Iodide

Concen: 23.299 ug/l

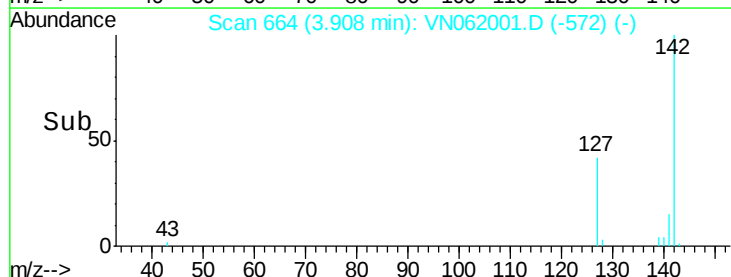
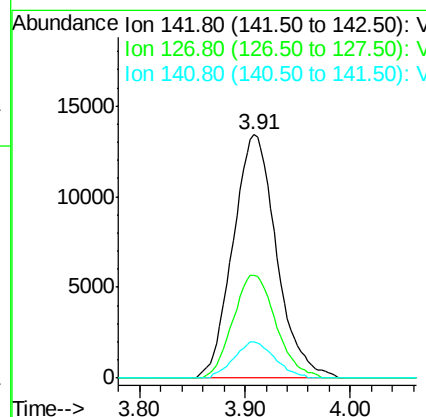
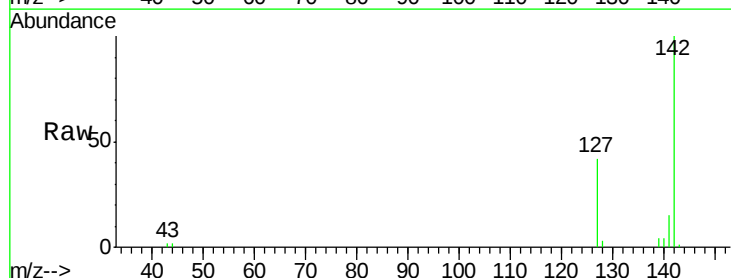
RT: 3.91 min Scan# 664

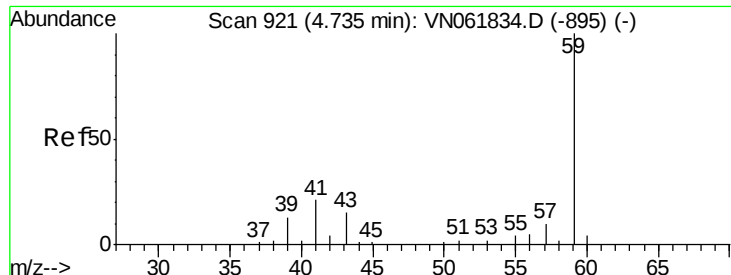
Delta R.T. -0.00 min

Lab File: VN062001.D

Acq: 22 Jun 2020 15:54

Tgt Ion:	142	Resp:	38477
Ion Ratio	Lower	Upper	
142	100		
127	41.8	33.4	50.0
141	14.0	11.3	16.9





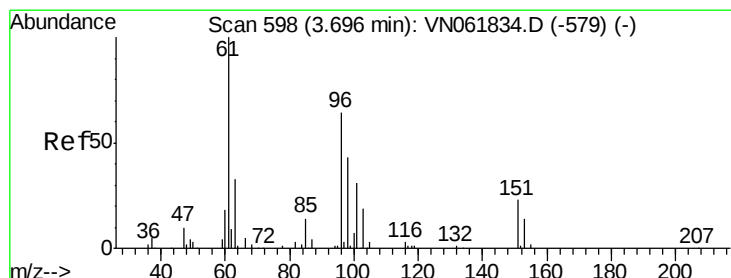
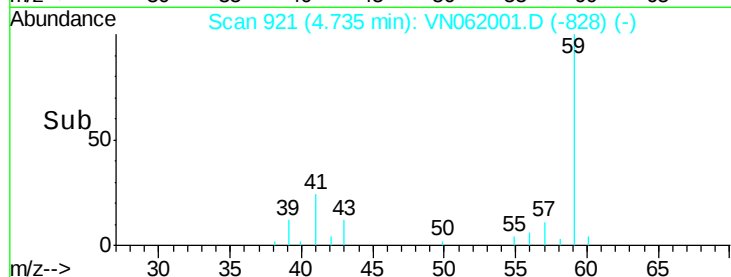
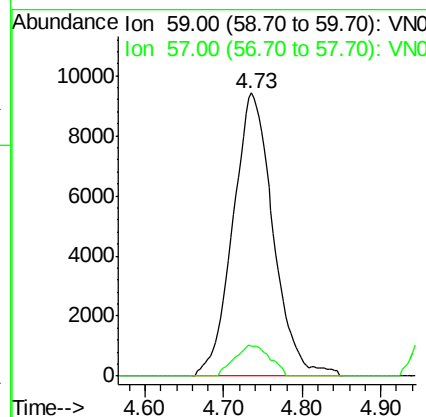
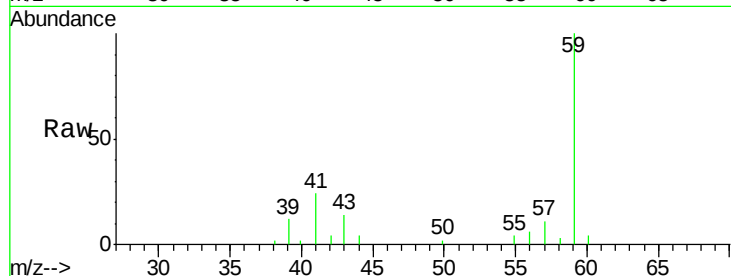
#11
Tert butyl alcohol
Concen: 115.956 ug/l
RT: 4.73 min Scan# 921
Delta R.T. -0.00 min
Lab File: VN062001.D
Acq: 22 Jun 2020 15:54

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.5	7.7	11.5

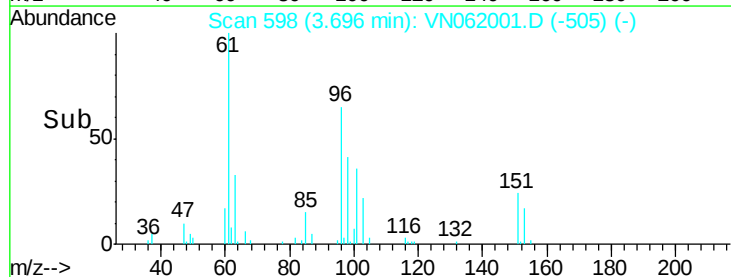
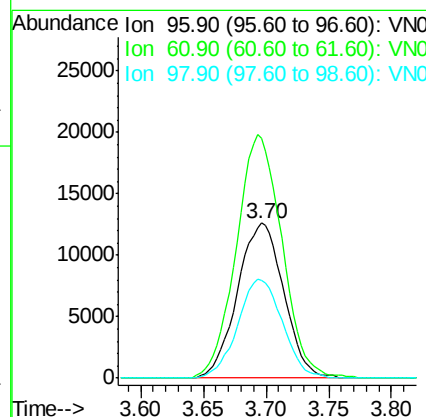
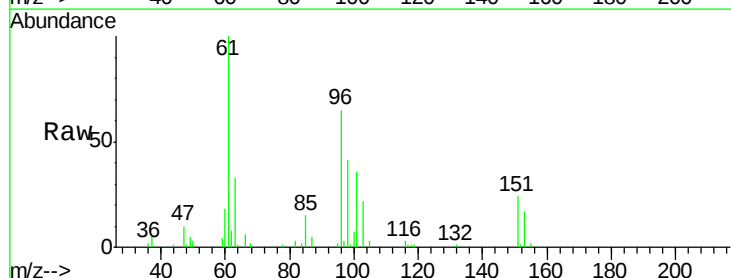
Manual Integrations
APPROVED

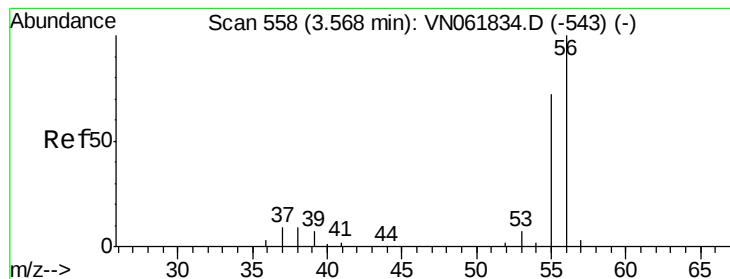
MMDadoda
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#12
1,1-Dichloroethene
Concen: 20.391 ug/l
RT: 3.70 min Scan# 598
Delta R.T. -0.00 min
Lab File: VN062001.D
Acq: 22 Jun 2020 15:54

Tgt Ion	Ratio	Lower	Upper
96	100		
61	154.7	124.3	186.5
98	63.3	53.1	79.7





#13

Acrolein

Concen: 105.147 ug/l

RT: 3.57 min Scan# 558

Delta R.T. -0.00 min

Lab File: VN062001.D

Acq: 22 Jun 2020 15:54

Instrument :

MSVOA_N

ClientSampleId :

VN0622WBSD01

Tot Ion: 56 Resp: 18224

Ion Ratio Lower Upper

56 100

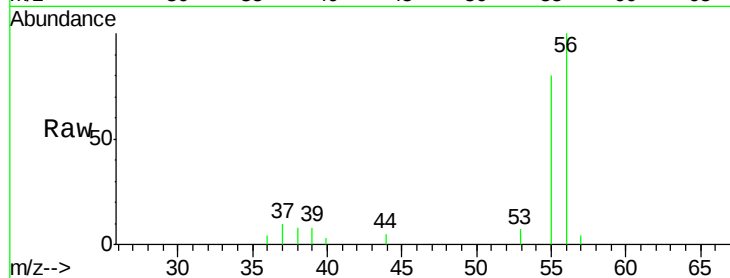
55 73.6 56.2 84.4

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Abundance Ion 56.00 (55.70 to 56.70): VN061834.D (-543) (-)

Ion 55.00 (54.70 to 55.70): VN061834.D (-543) (-)

3.57

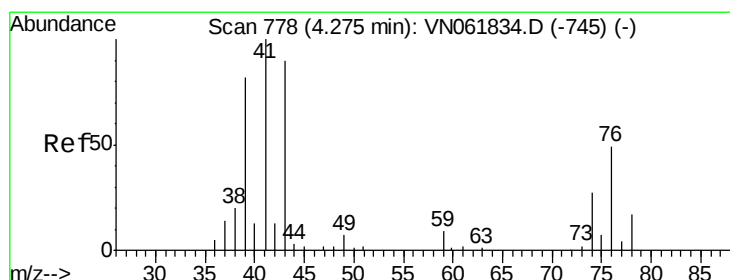
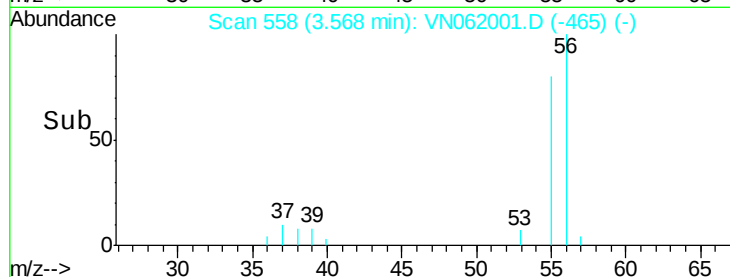
6000

4000

2000

0

Time-->



#14

Allyl chloride

Concen: 21.518 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN062001.D

Acq: 22 Jun 2020 15:54

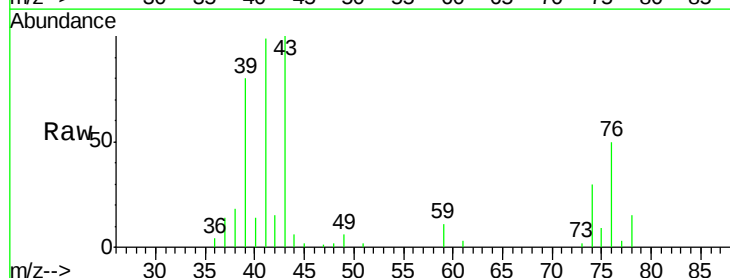
Tgt Ion: 41 Resp: 45340

Ion Ratio Lower Upper

41 100

39 76.4 60.2 90.2

76 43.8 36.3 54.5



Abundance Ion 41.00 (40.70 to 41.70): VN061834.D (-745) (-)

Ion 39.00 (38.70 to 39.70): VN061834.D (-745) (-)

Ion 75.90 (75.60 to 76.60): VN061834.D (-745) (-)

4.28

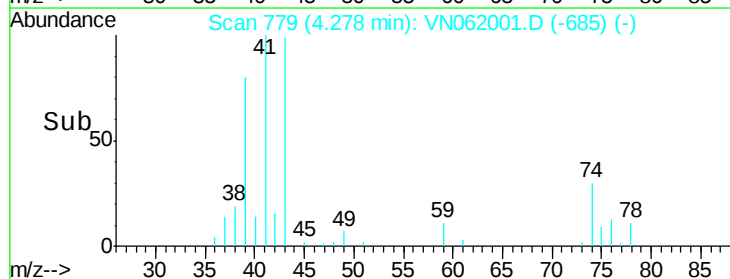
15000

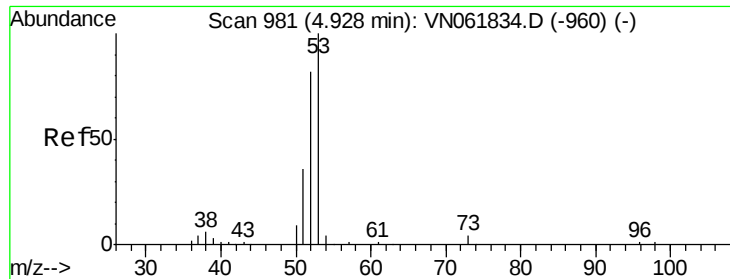
10000

5000

0

Time-->





#15

Acrylonitrile

Concen: 120.833 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062001.D

Acq: 22 Jun 2020 15:54

Instrument :

MSVOA_N

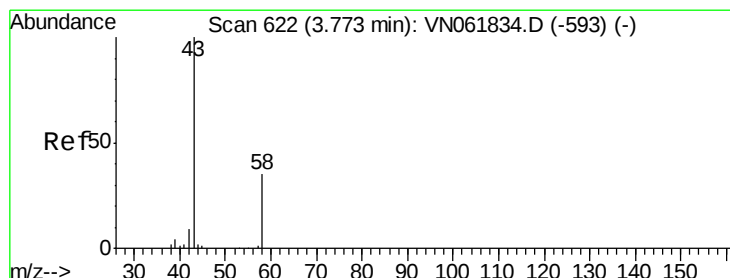
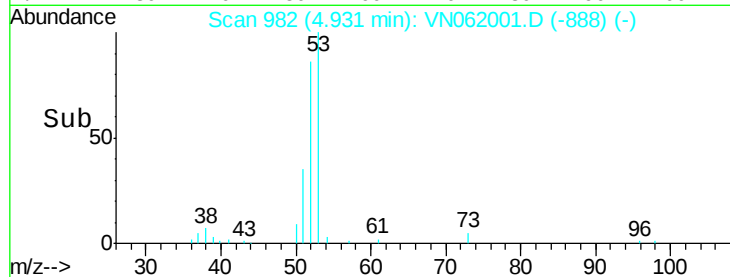
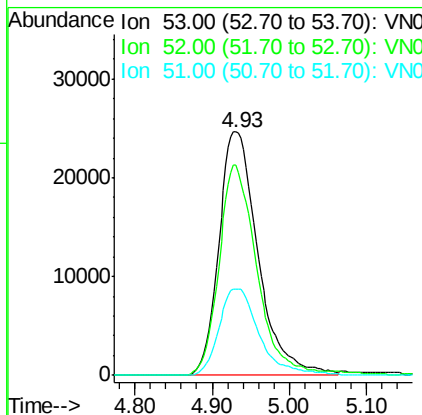
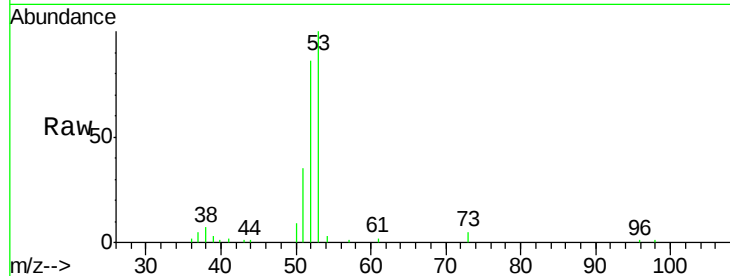
ClientSampleId :

VN0622WBSD01

Tot Ion:	53	Resp:	86824
Ion	Ratio	Lower	Upper
53	100		
52	82.6	65.2	97.8
51	35.8	29.3	43.9

Manual Integrations
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#16

Acetone

Concen: 117.364 ug/l

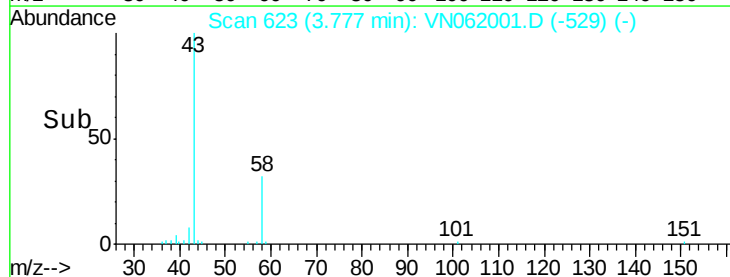
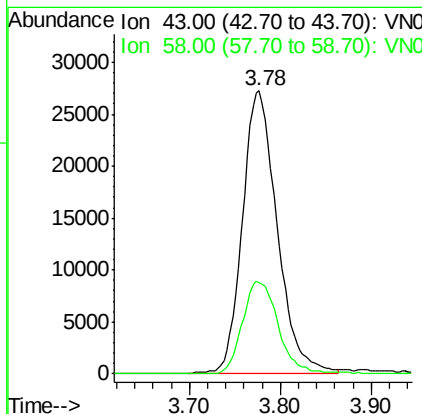
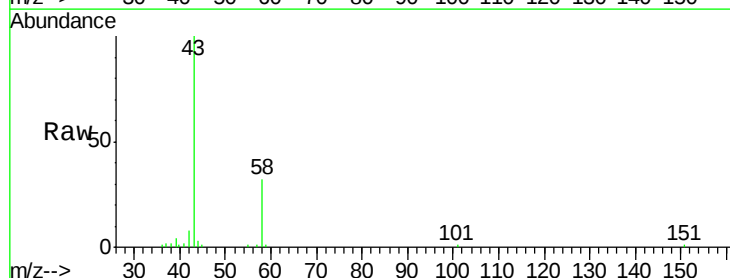
RT: 3.78 min Scan# 623

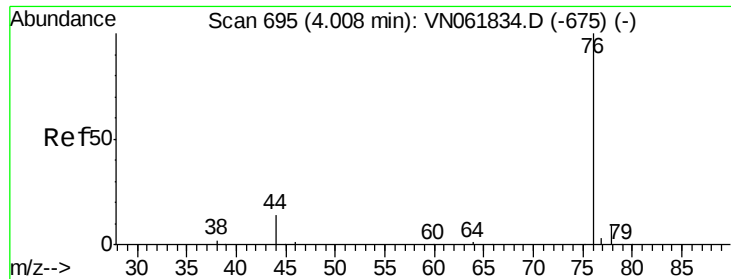
Delta R.T. 0.00 min

Lab File: VN062001.D

Acq: 22 Jun 2020 15:54

Tgt Ion:	43	Resp:	72649
Ion	Ratio	Lower	Upper
43	100		
58	32.4	27.8	41.8





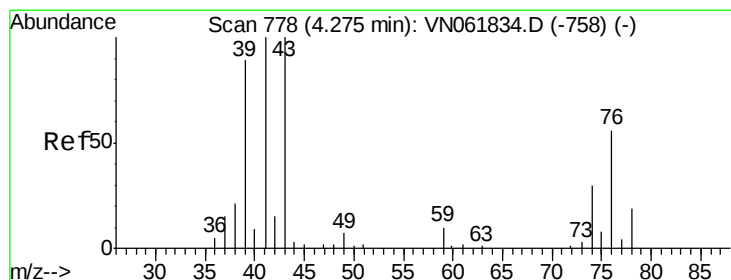
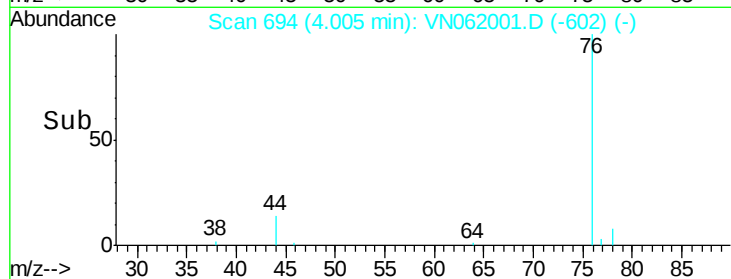
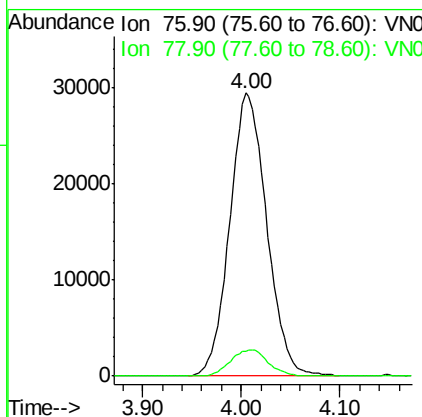
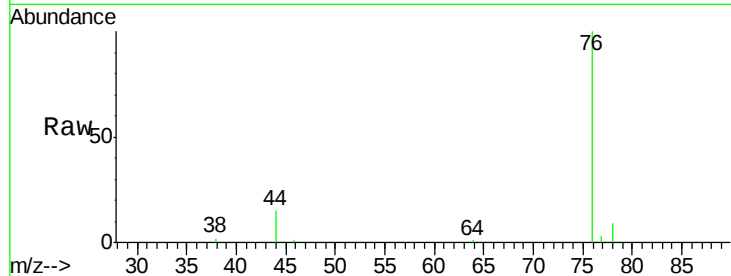
#17
Carbon Disulfide
Concen: 16.539 ug/l
RT: 4.00 min Scan# 694
Delta R.T. -0.00 min
Lab File: VN062001.D
Acq: 22 Jun 2020 15:54

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBSD01

Tot Ion: 76 Resp: 76828
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9

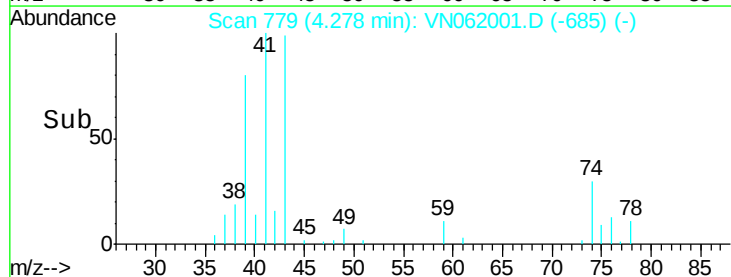
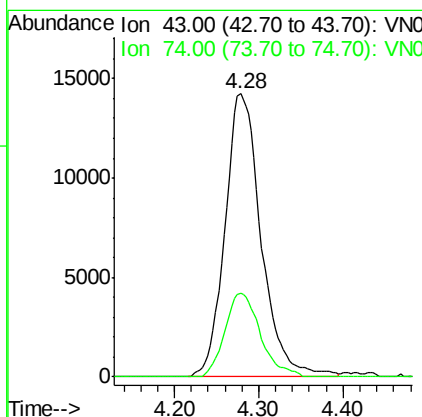
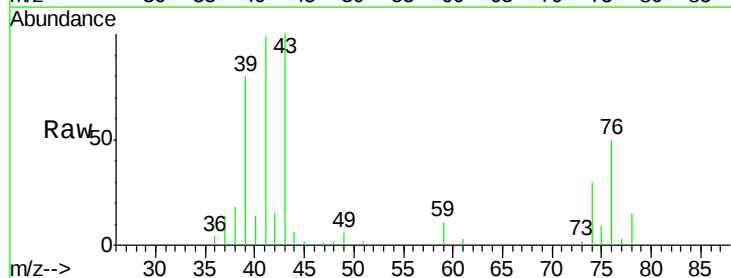
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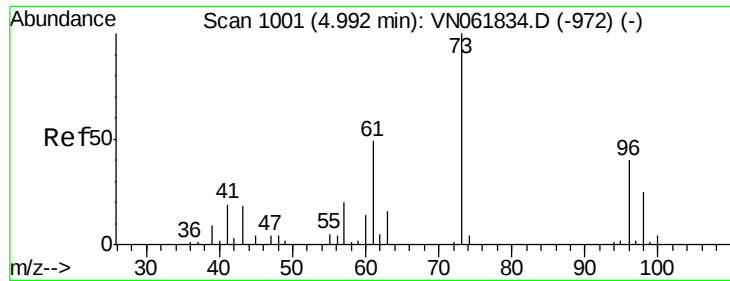
MMDadoda
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#18
Methyl Acetate
Concen: 23.814 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN062001.D
Acq: 22 Jun 2020 15:54

Tgt Ion: 43 Resp: 42439
Ion Ratio Lower Upper
43 100
74 29.1 23.0 34.4





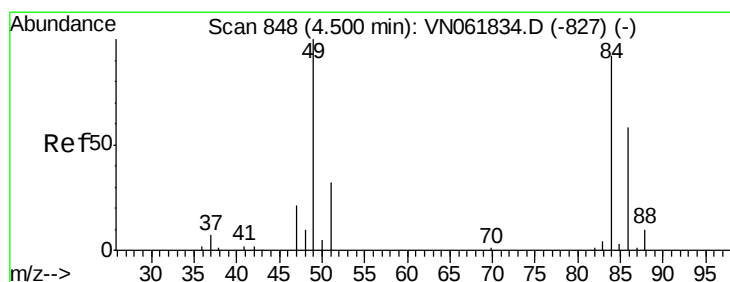
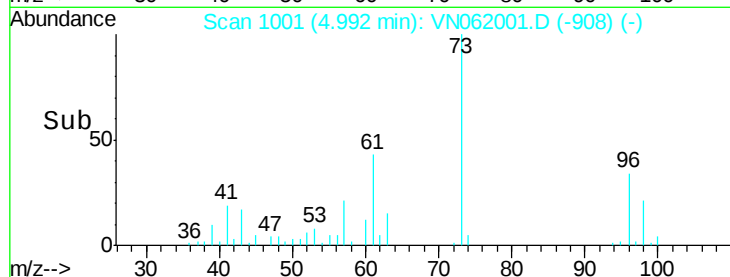
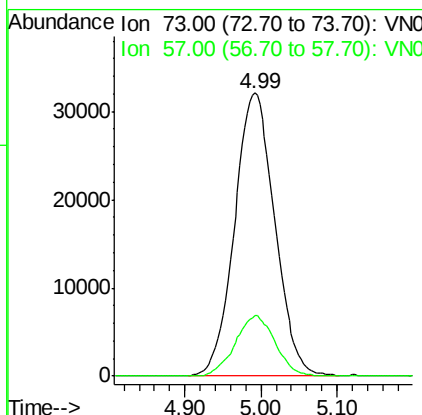
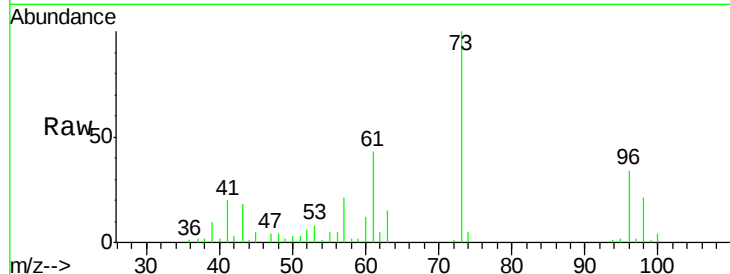
#19
Methvl tert-butvl Ether
Concen: 22.336 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VN062001.D
Acq: 22 Jun 2020 15:54

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBSD01

Tot Ion: 73 Resp: 118072
Ion Ratio Lower Upper
73 100
57 21.4 16.2 24.4

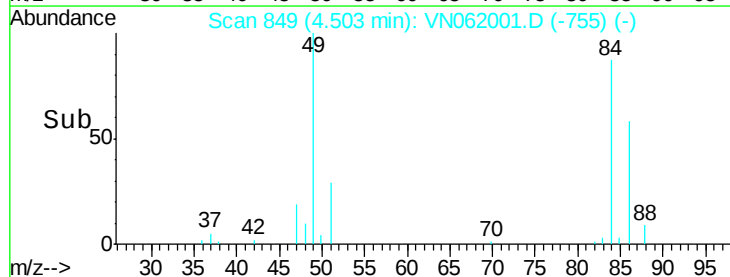
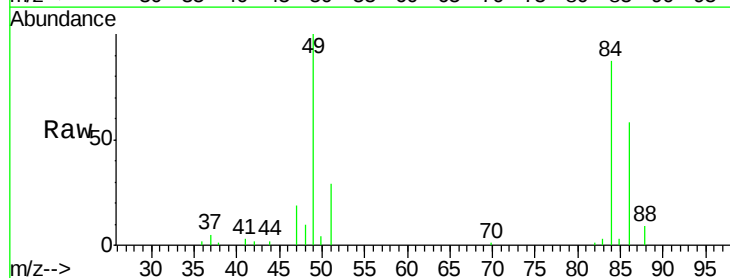
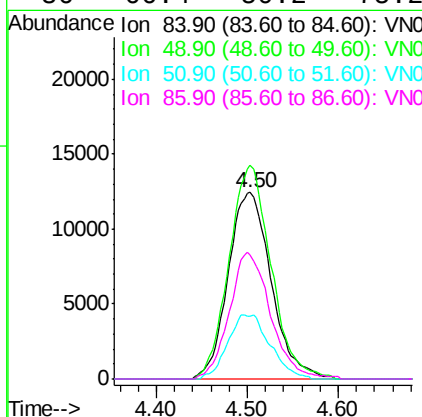
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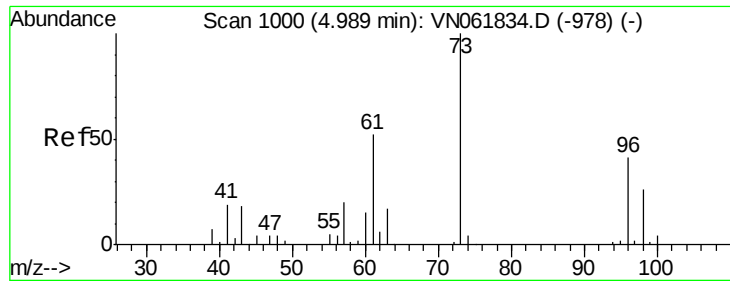
MMDadoda
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#20
Methylene Chloride
Concen: 20.279 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN062001.D
Acq: 22 Jun 2020 15:54

Tgt Ion: 84 Resp: 40897
Ion Ratio Lower Upper
84 100
49 114.3 87.0 130.4
51 33.5 27.8 41.6
86 66.4 50.2 75.2





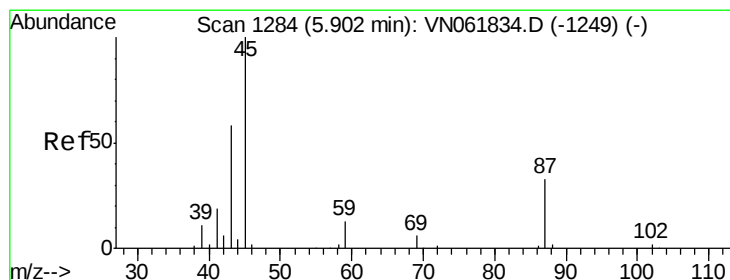
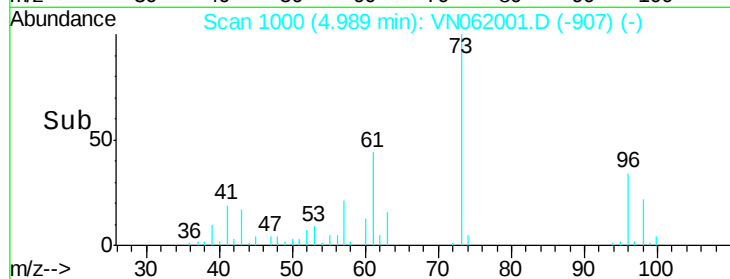
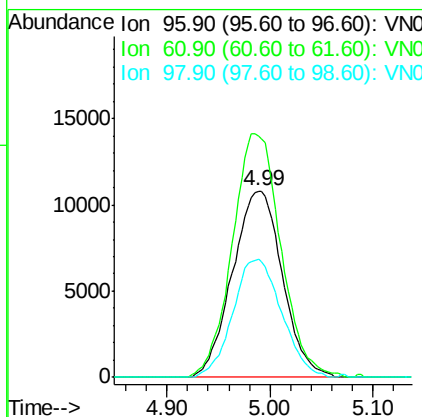
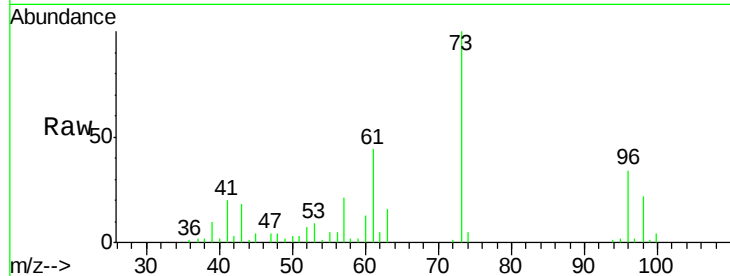
#21
trans-1,2-Dichloroethene
Concen: 19.914 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN062001.D
Acq: 22 Jun 2020 15:54

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	129.1	102.2	153.4
98	63.3	51.2	76.8

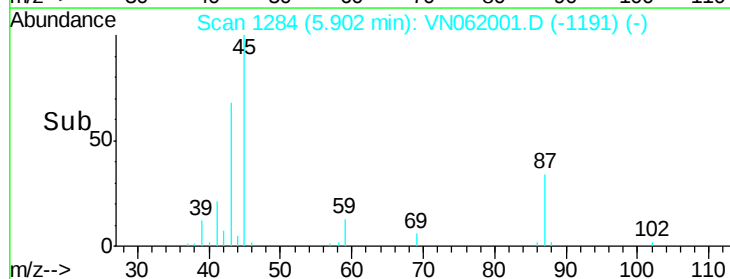
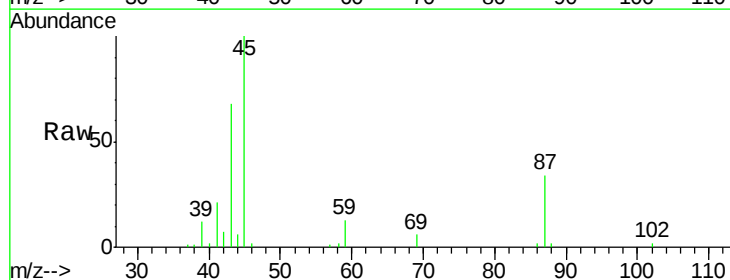
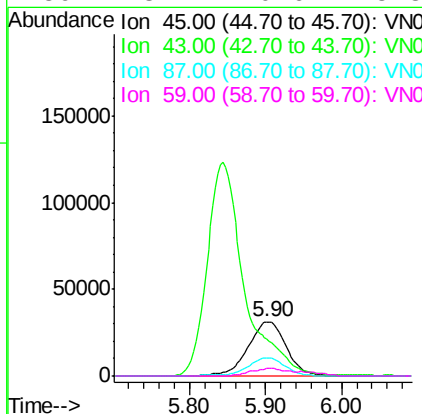
Manual Integrations
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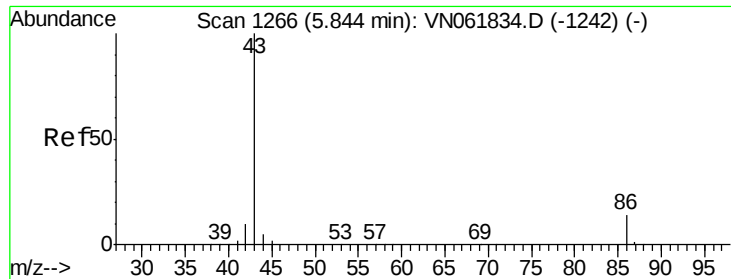
MMDadoda
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#22
Diisopropyl ether
Concen: 22.585 ug/l
RT: 5.90 min Scan# 1284
Delta R.T. -0.00 min
Lab File: VN062001.D
Acq: 22 Jun 2020 15:54

Tgt Ion	Ratio	Lower	Upper
45	100		
43	65.6	49.4	74.2
87	33.9	27.4	41.0
59	13.1	10.6	15.8





#23

Vinyl Acetate

Concen: 110.634 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VN062001.D

Acq: 22 Jun 2020 15:54

Instrument :

MSVOA_N

ClientSampleId :

VN0622WBSD01

Tot Ion: 43 Resp: 419329

Ion Ratio Lower Upper

43 100

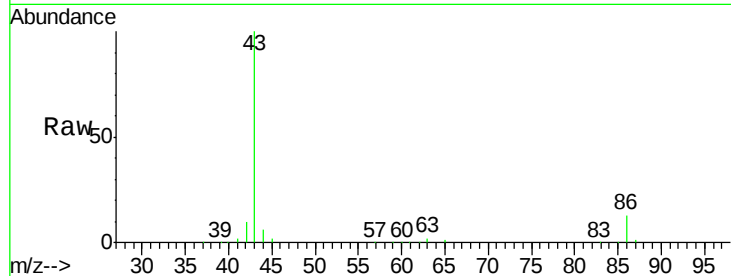
86 12.8 10.9 16.3

Manual Integrations

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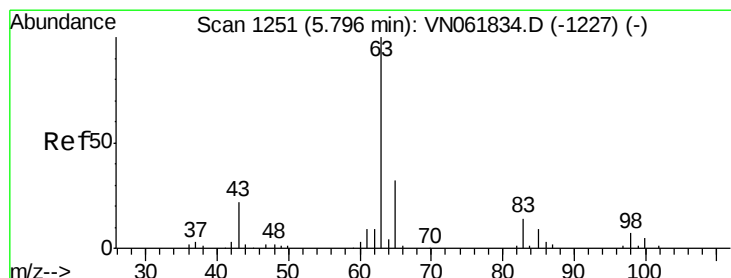
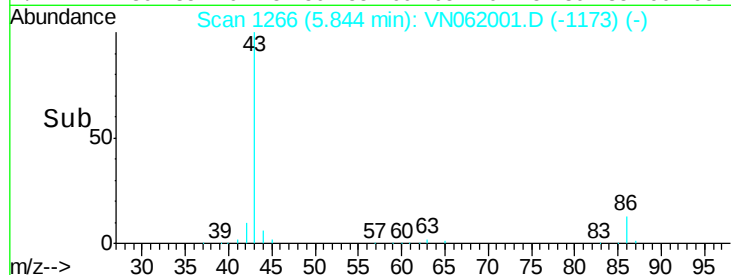
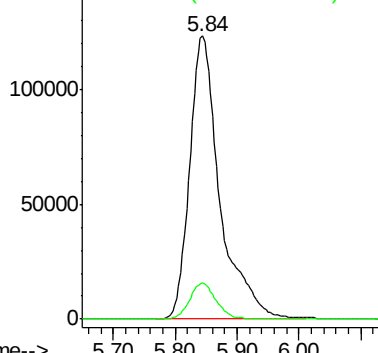
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 21.776 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062001.D

Acq: 22 Jun 2020 15:54

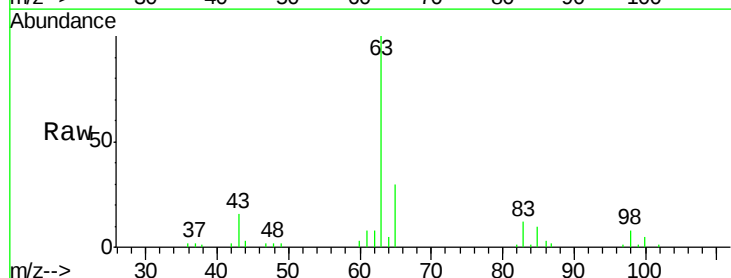
Tgt Ion: 63 Resp: 68697

Ion Ratio Lower Upper

63 100

98 8.5 3.5 10.4

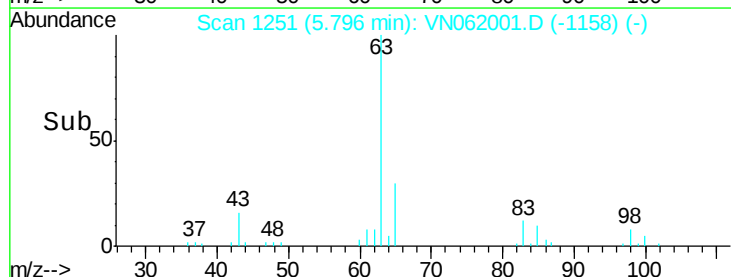
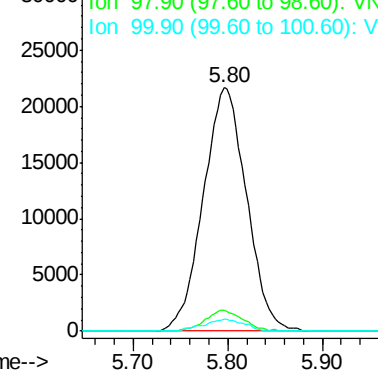
100 4.9 2.5 7.4

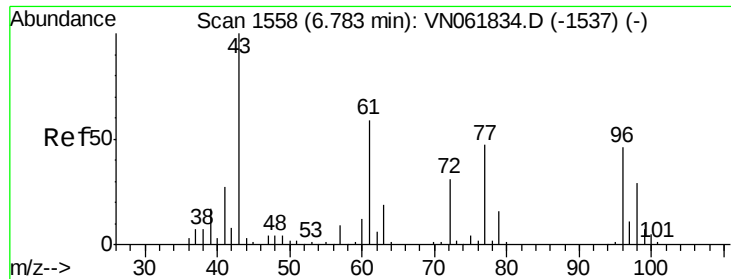


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 117.541 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VN062001.D

Acq: 22 Jun 2020 15:54

Instrument :

MSVOA_N

ClientSampleId :

VN0622WBSD01

Tot Ion: 43 Resp: 106155

Ion Ratio Lower Upper

43 100

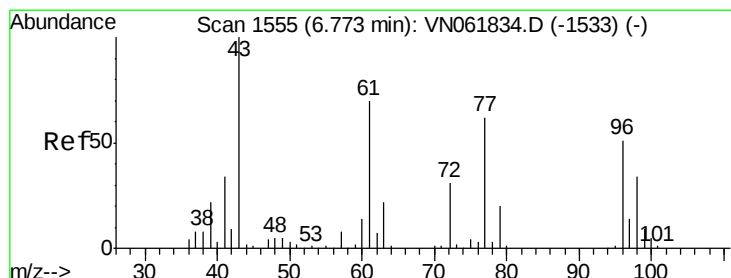
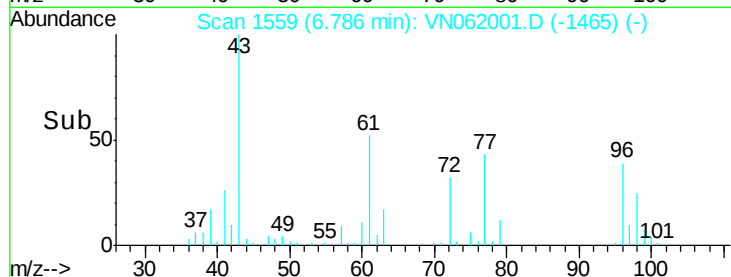
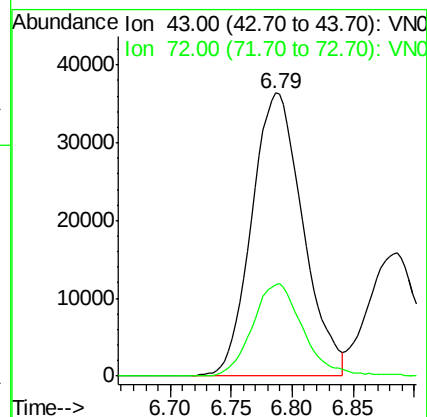
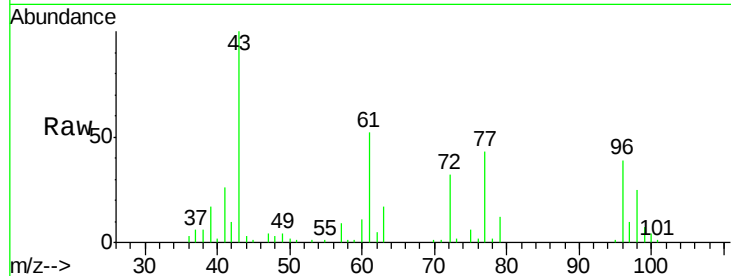
72 32.3 24.6 37.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 21.637 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. 0.00 min

Lab File: VN062001.D

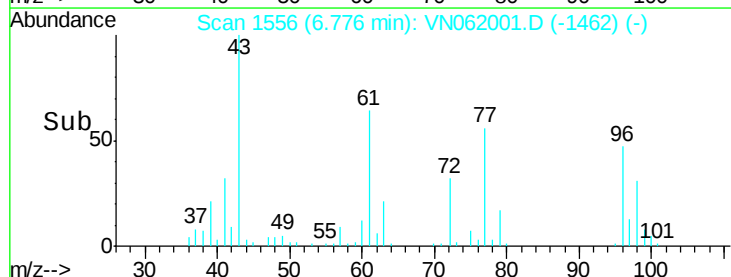
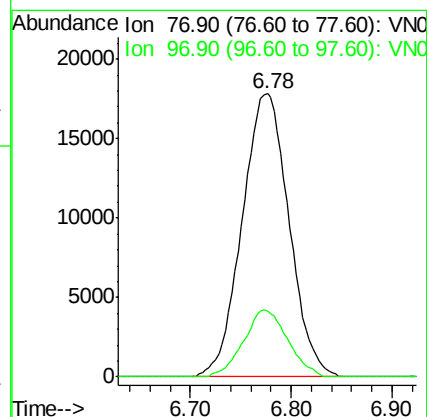
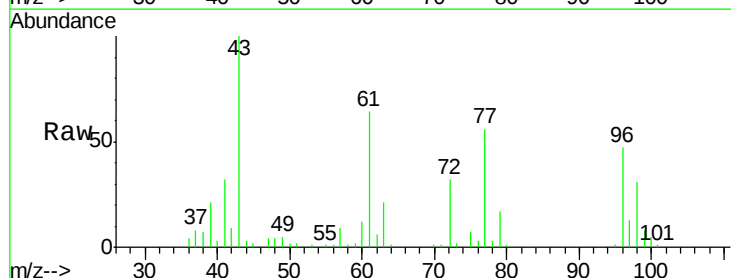
Acq: 22 Jun 2020 15:54

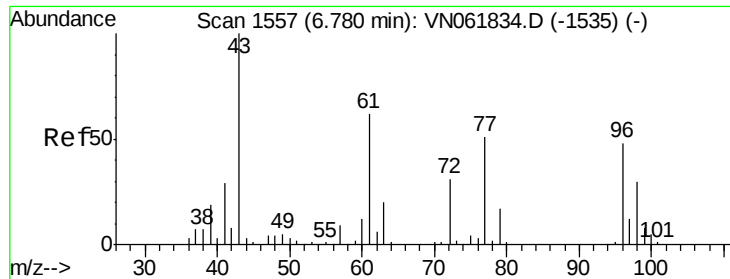
Tgt Ion: 77 Resp: 57428

Ion Ratio Lower Upper

77 100

97 22.3 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 20.867 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VN062001.D

Acq: 22 Jun 2020 15:54

Instrument :

MSVOA_N

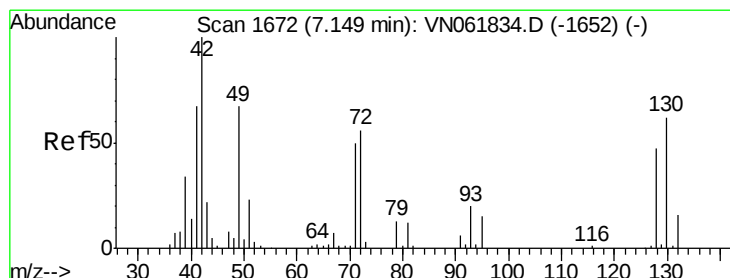
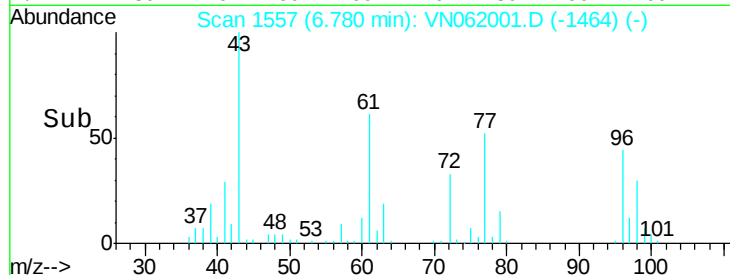
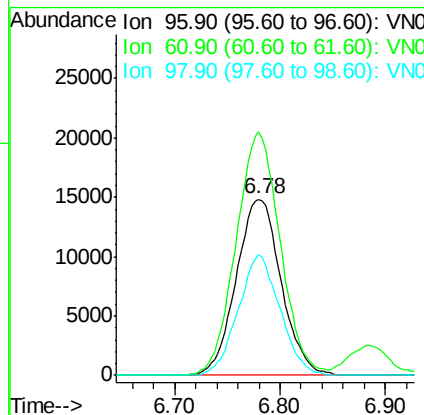
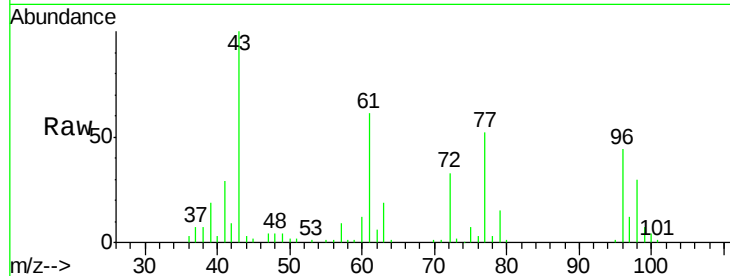
ClientSampleId :

VN0622WBSD01

Tot Ion:	96	Resp:	43906
Ion	Ratio	Lower	Upper
96	100		
61	136.0	0.0	265.6
98	63.6	0.0	128.2

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#28

Bromochloromethane

Concen: 23.431 ug/l

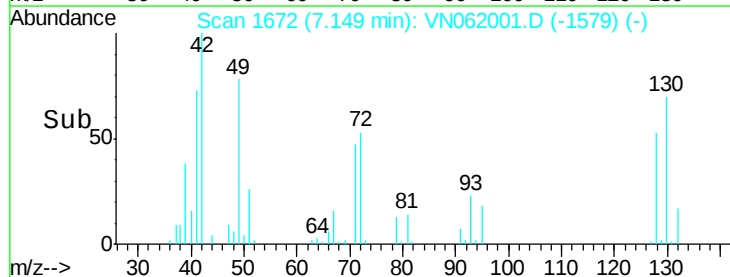
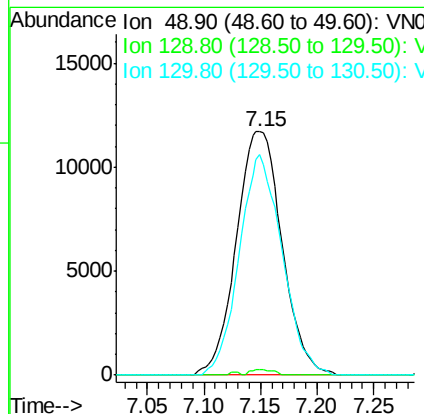
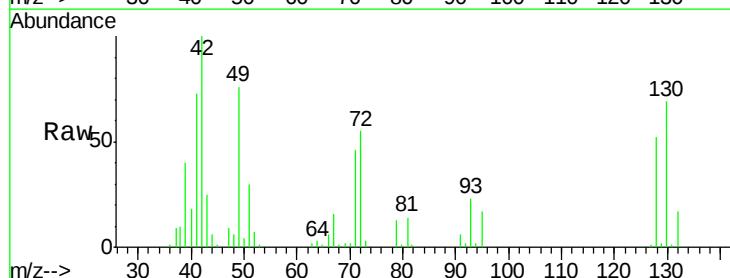
RT: 7.15 min Scan# 1672

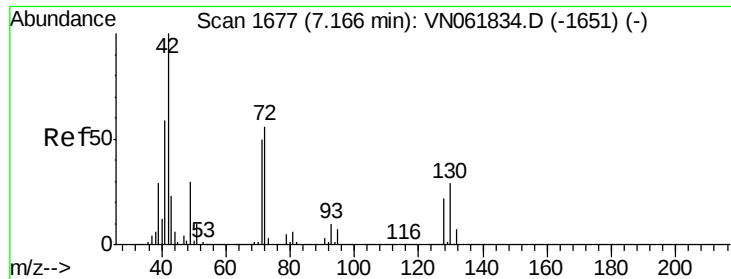
Delta R.T. -0.00 min

Lab File: VN062001.D

Acq: 22 Jun 2020 15:54

Tgt Ion:	49	Resp:	32911
Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	4.0
130	84.9	72.2	108.2





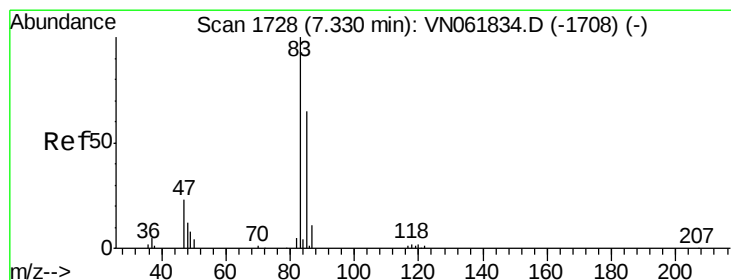
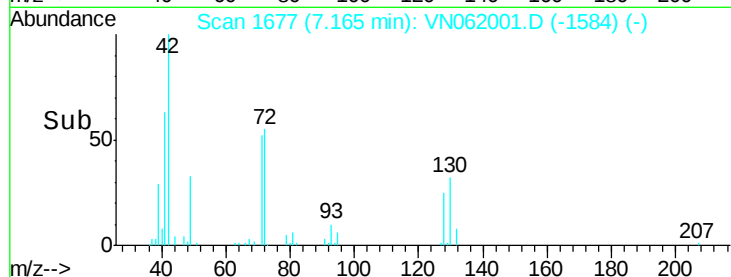
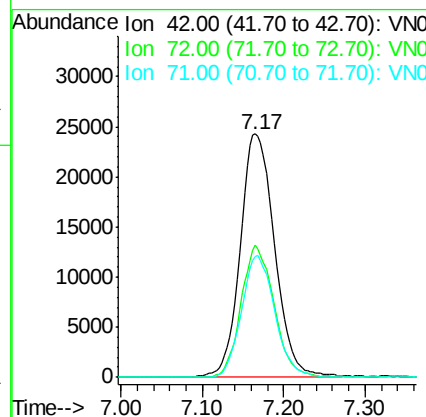
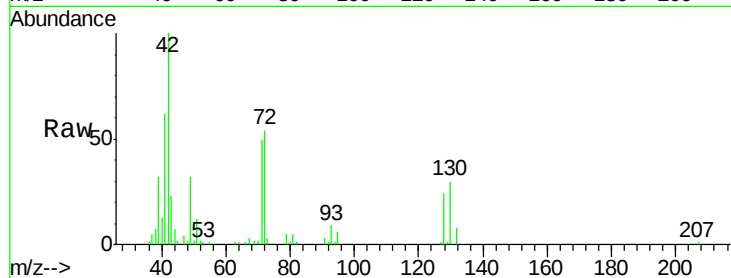
#29
Tetrahydrofuran
Concen: 119.556 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062001.D
Acq: 22 Jun 2020 15:54

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.6	44.0	66.0
71	48.1	40.0	60.0

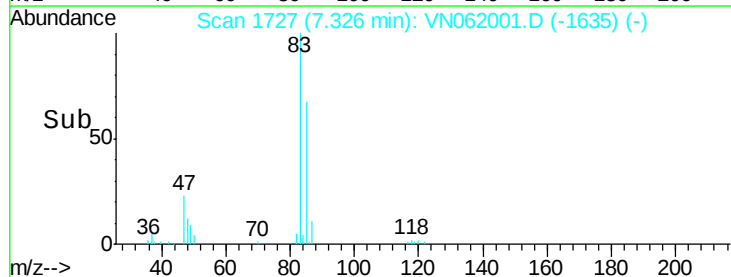
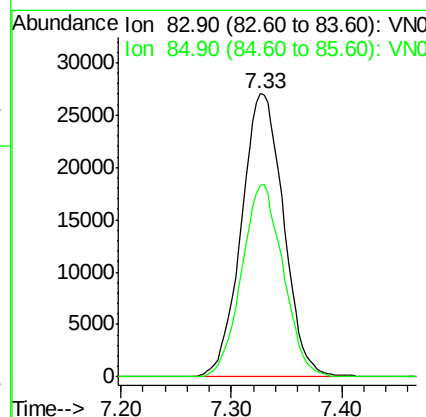
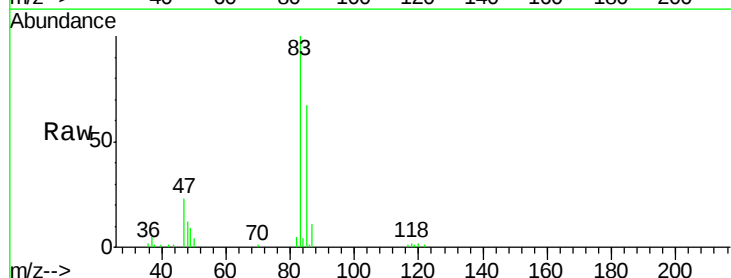
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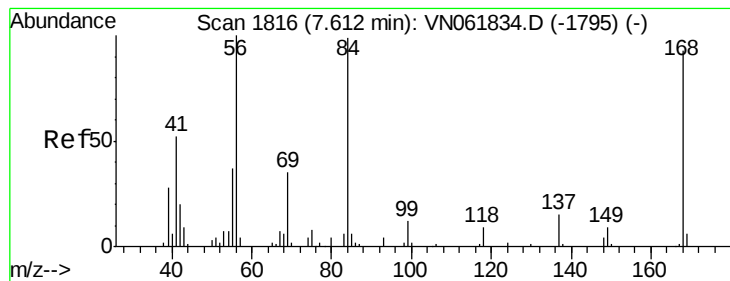
MMDadoda
6/23/2020 12:47:50 PM



#30
Chloroform
Concen: 21.228 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062001.D
Acq: 22 Jun 2020 15:54

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.4	52.0	78.0





#31

Cyclohexane

Concen: 18.419 ug/l

RT: 7.62 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VN062001.D

Acq: 22 Jun 2020 15:54

Instrument :

MSVOA_N

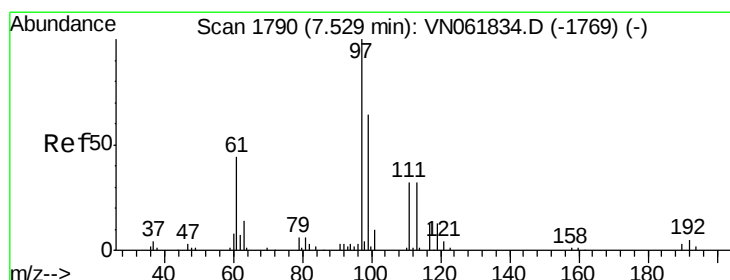
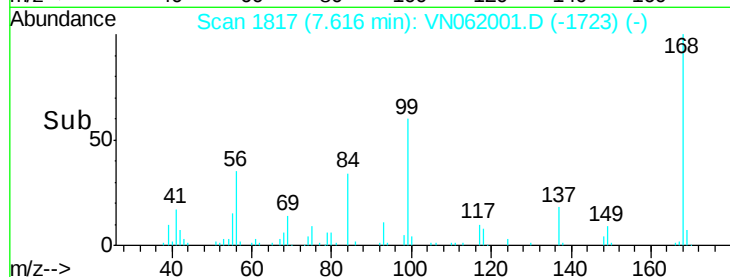
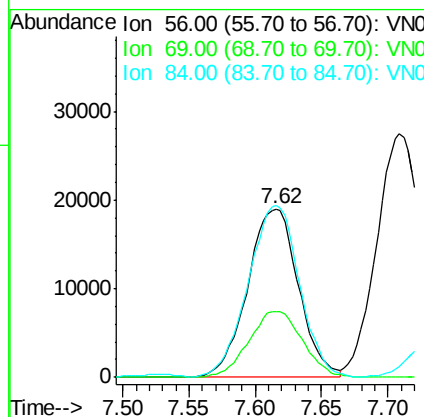
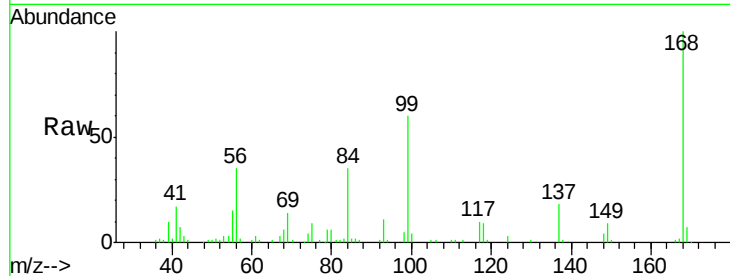
ClientSampled :

VN0622WBSD01

Tot Ion:	56	Resp:	50867
Ion	Ratio	Lower	Upper
56	100		
69	39.4	27.7	41.5
84	102.0	79.1	118.7

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 20.948 ug/l

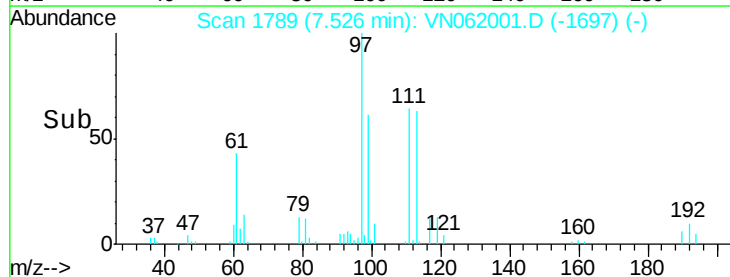
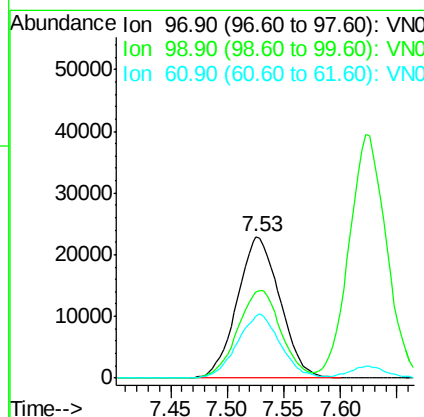
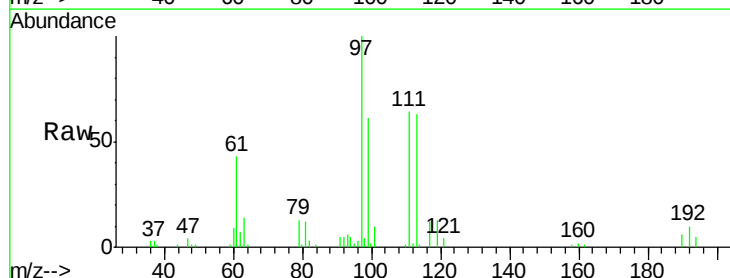
RT: 7.53 min Scan# 1789

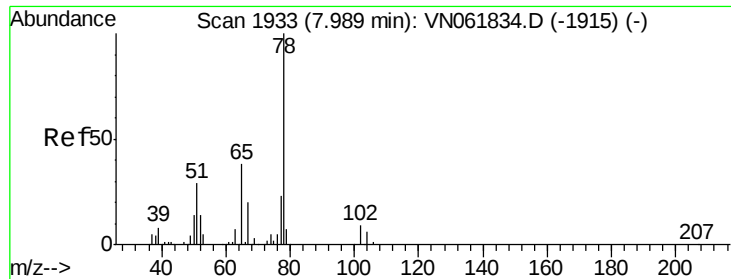
Delta R.T. -0.00 min

Lab File: VN062001.D

Acq: 22 Jun 2020 15:54

Tgt Ion:	97	Resp:	60149
Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.5	77.3
61	45.5	35.1	52.7





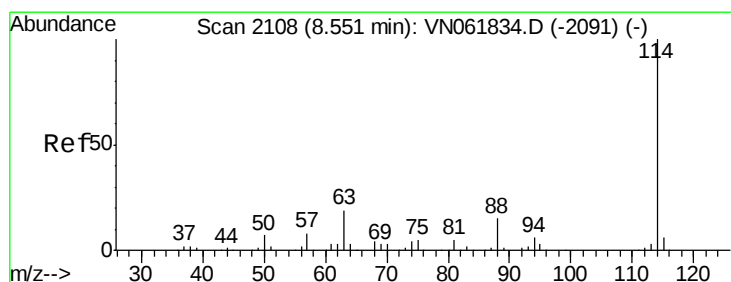
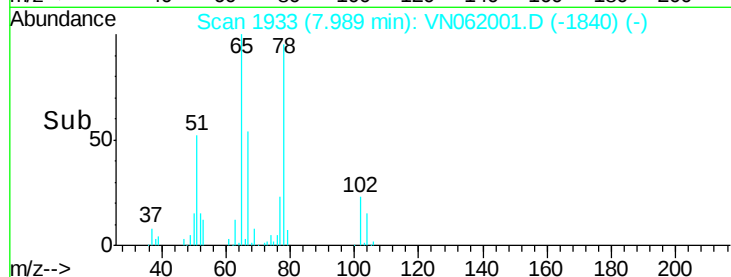
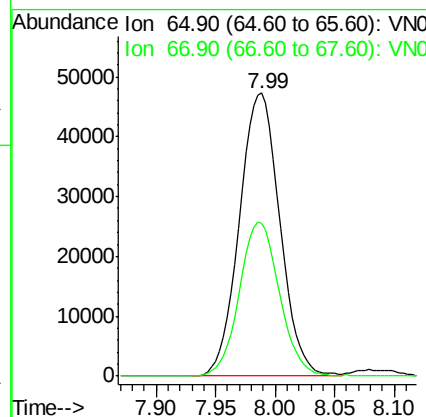
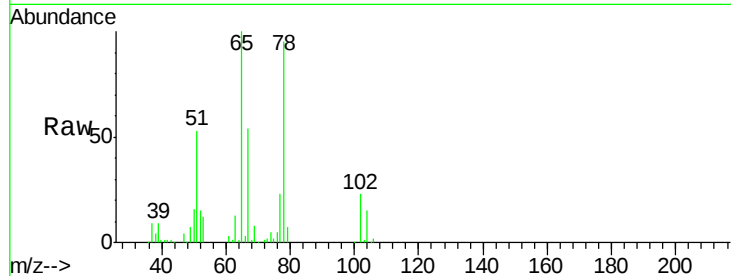
#33
 1,2-Dichloroethane-d4
 Concen: 53.238 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN062001.D
 Acq: 22 Jun 2020 15:54

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0622WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.7	0.0	106.2	

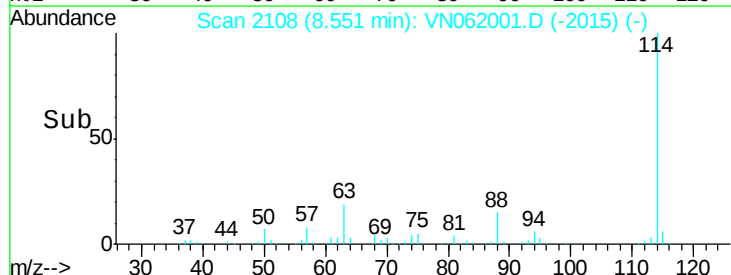
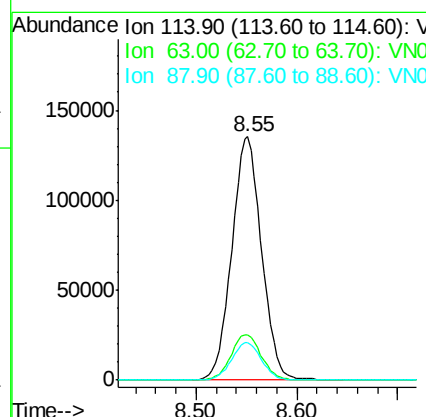
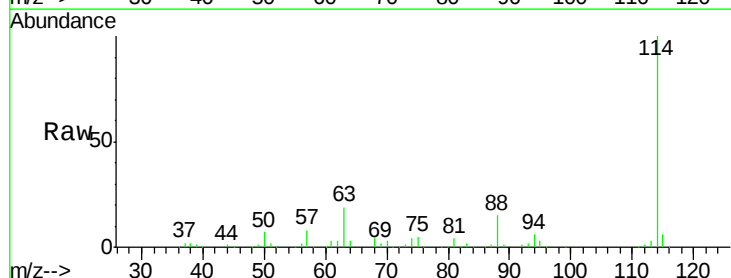
Manual Integrations
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062001.D
 Acq: 22 Jun 2020 15:54

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	18.6	0.0	37.6	
88	15.3	0.0	31.0	





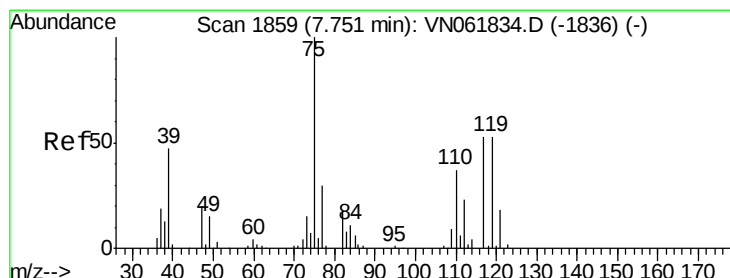
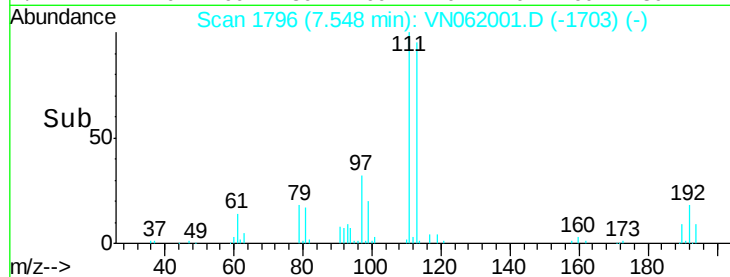
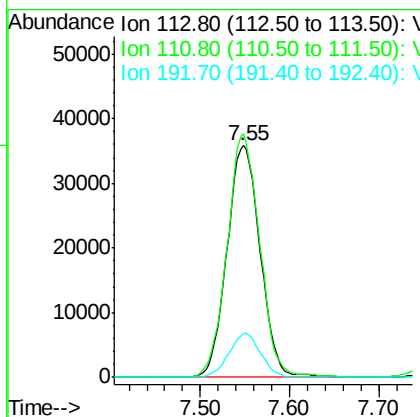
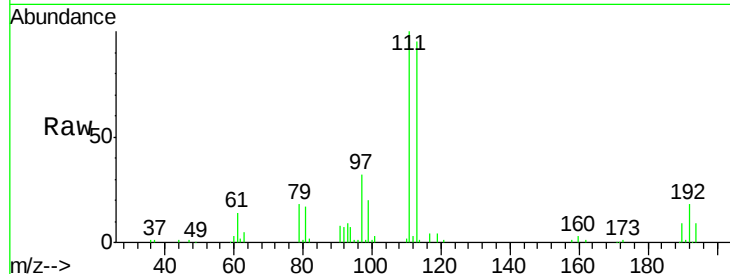
#35
 Dibromofluoromethane
 Concen: 52.054 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062001.D
 Acq: 22 Jun 2020 15:54

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0622WBSD01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	83.7	125.5
192	18.1	13.9	20.9

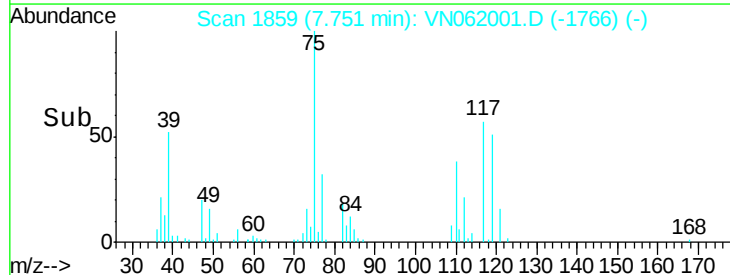
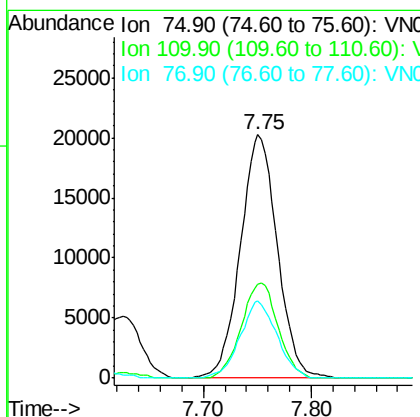
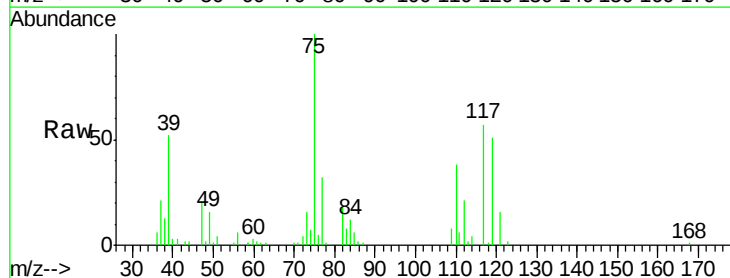
Manual Integrations
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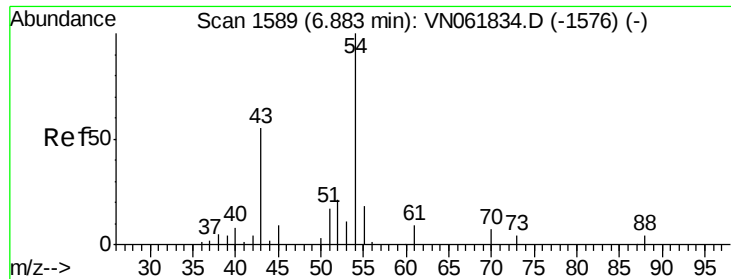
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 6/23/2020 12:47:50 PM



#36
 1,1-Dichloropropene
 Concen: 19.019 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062001.D
 Acq: 22 Jun 2020 15:54

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.7	18.2	54.6
77	31.5	24.2	36.4





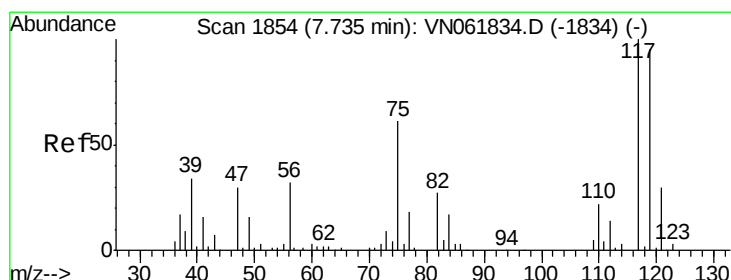
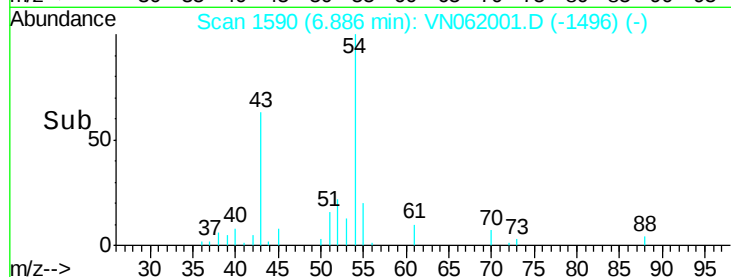
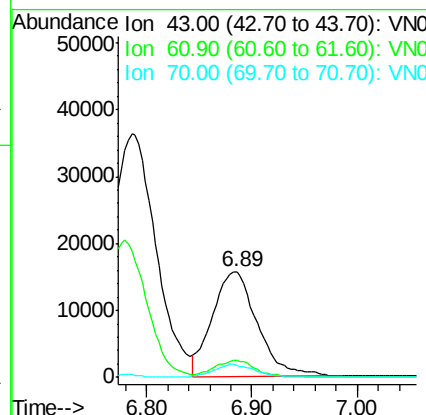
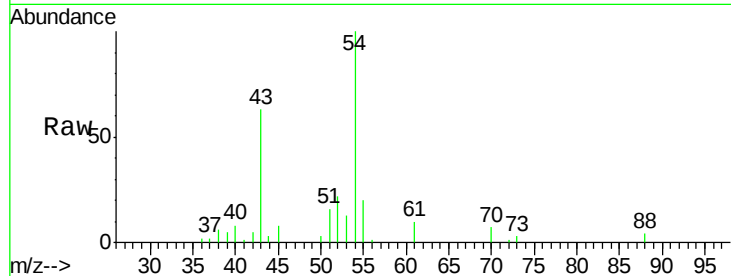
#37
Ethyl Acetate
Concen: 23.293 ug/l
RT: 6.89 min Scan# 1590
Delta R.T. 0.00 min
Lab File: VN062001.D
Acq: 22 Jun 2020 15:54

Instrument :
MSVOA_N
ClientSampleID :
VN0622WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.6	13.0	19.4
70	11.1	9.4	14.2

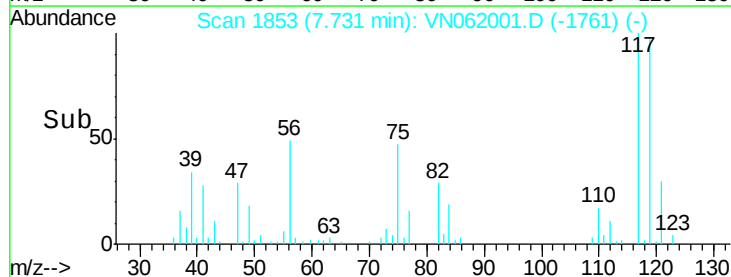
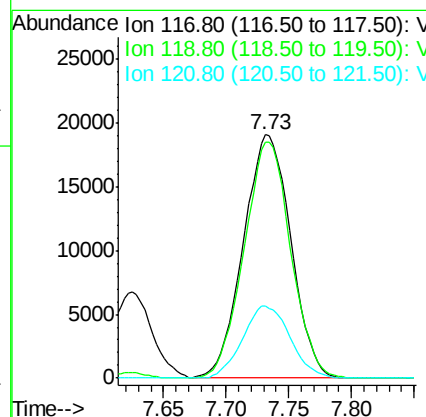
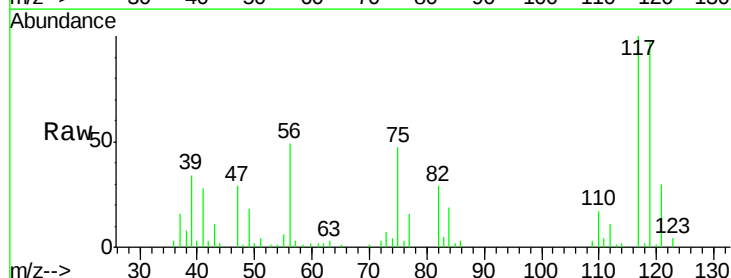
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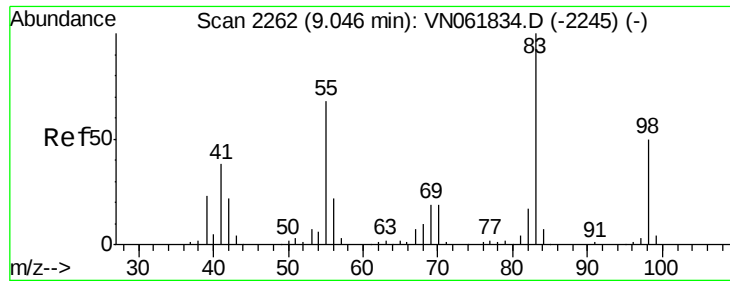
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#38
Carbon Tetrachloride
Concen: 20.018 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062001.D
Acq: 22 Jun 2020 15:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.9	75.8	113.6
121	29.7	23.8	35.6





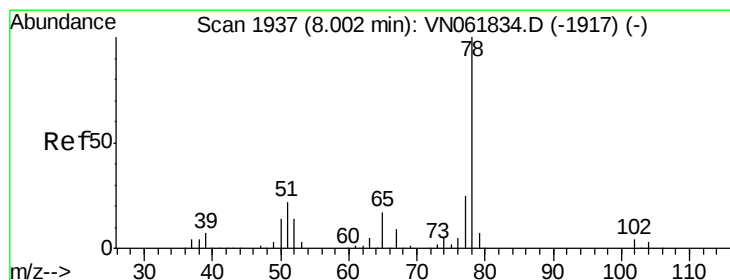
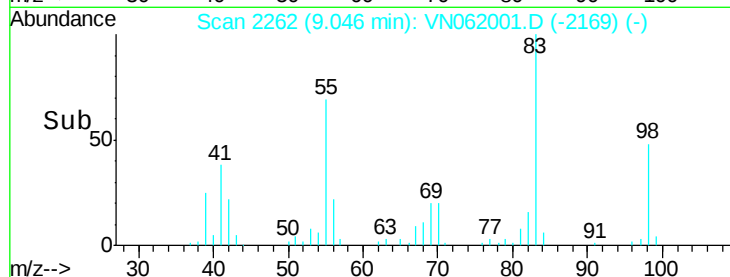
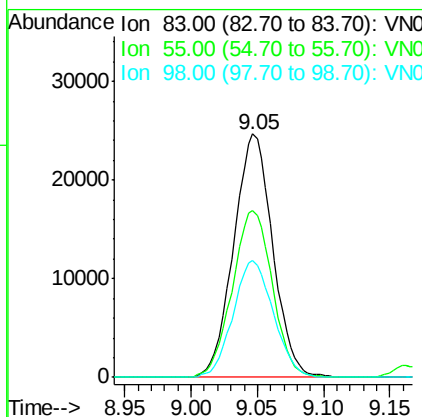
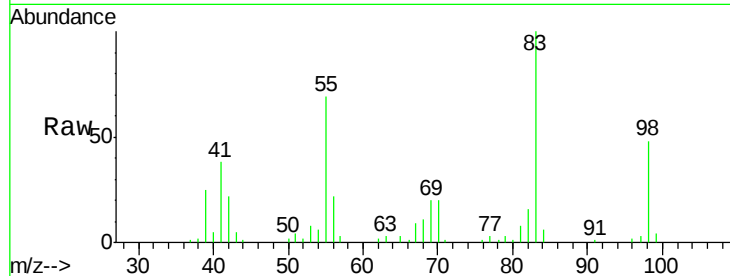
#39
Methvlcvclohexane
Concen: 18.513 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062001.D
Acq: 22 Jun 2020 15:54

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.6	54.2	81.4
98	47.8	39.8	59.6

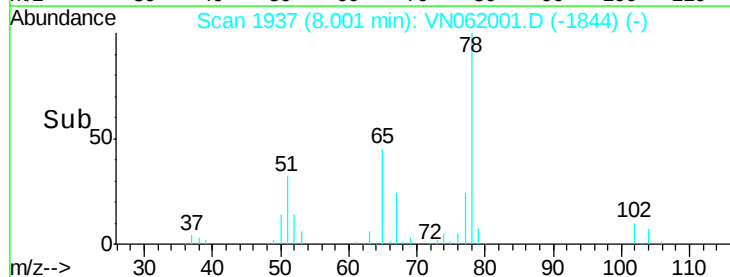
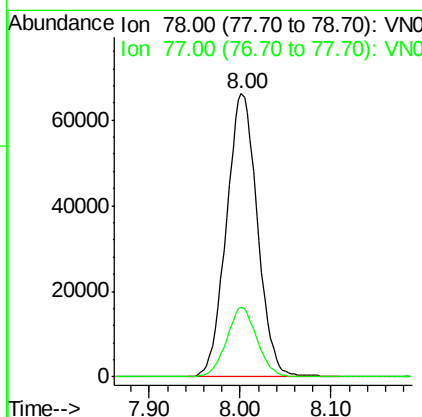
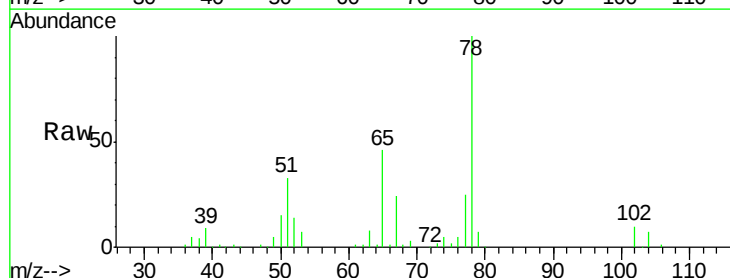
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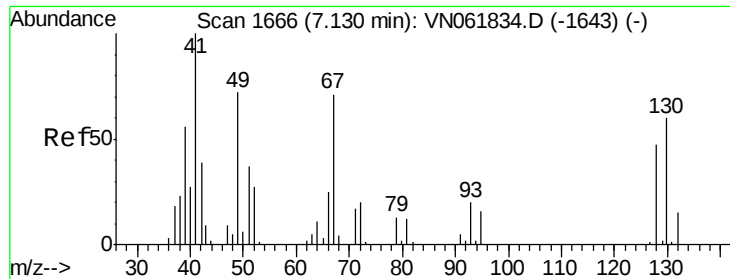
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#40
Benzene
Concen: 20.428 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062001.D
Acq: 22 Jun 2020 15:54

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.7	29.5





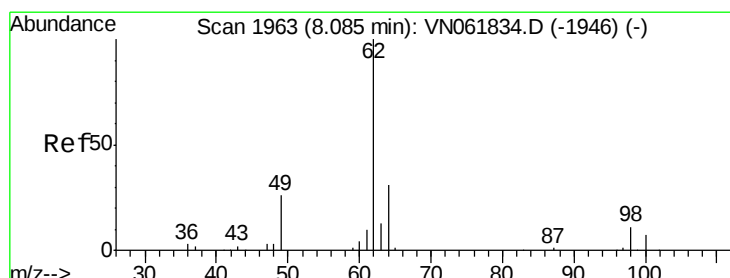
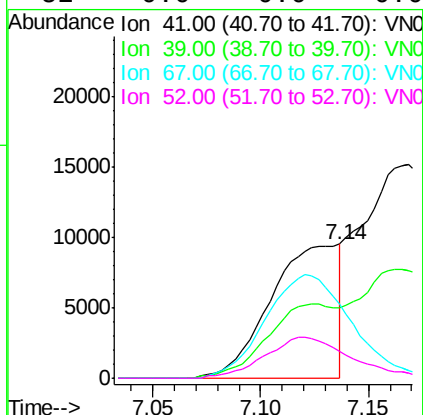
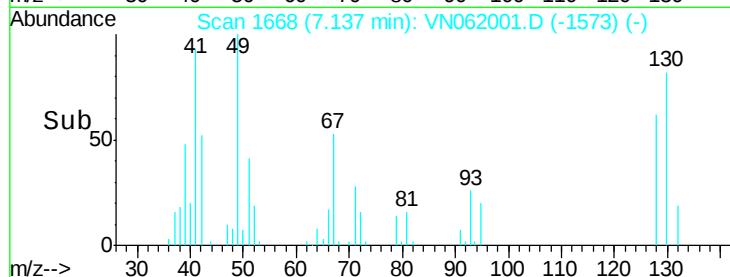
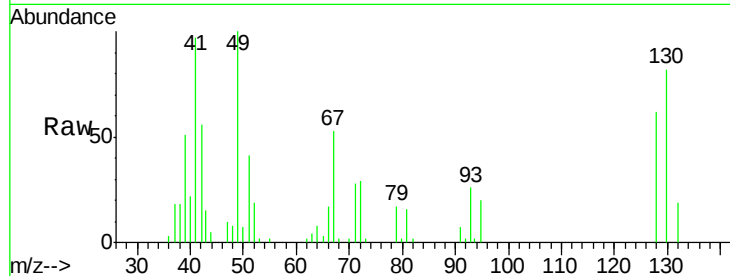
#41
Methacrylonitrile
Concen: 24.849 ug/l m
RT: 7.14 min Scan# 1668
Delta R.T. 0.01 min
Lab File: VN062001.D
Acq: 22 Jun 2020 15:54

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		20998		
39	96.2	0.0	0.0	0.0	0.0
67	0.0	0.0	0.0	0.0	0.0
52	0.0	0.0	0.0	0.0	0.0

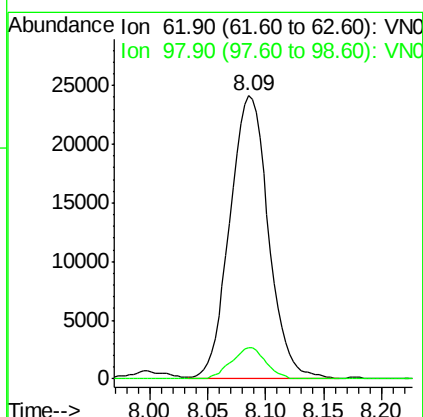
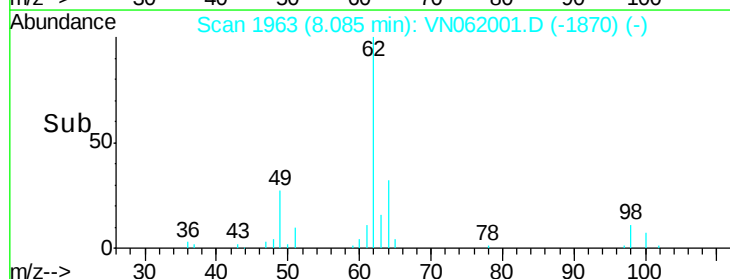
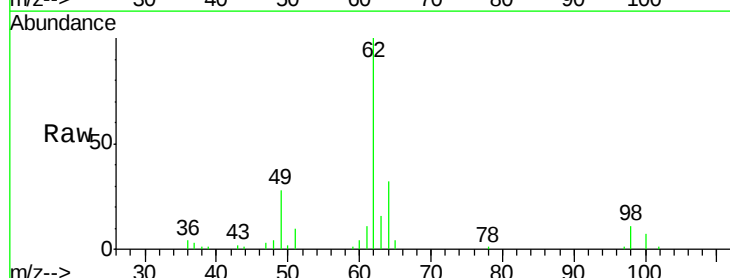
Manual Integrations
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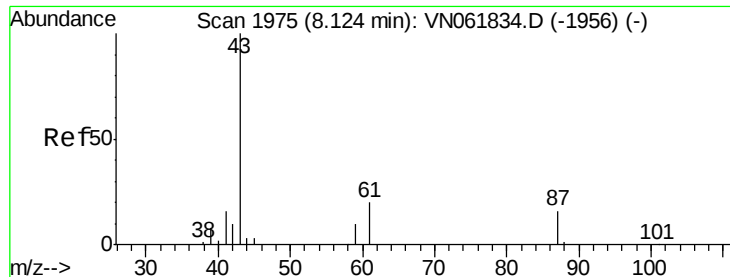
MMDadoda
6/23/2020 12:47:50 PM



#42
1,2-Dichloroethane
Concen: 21.392 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062001.D
Acq: 22 Jun 2020 15:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		55916		
98	9.6	0.0	20.4		





#43

Isopropyl Acetate

Concen: 21.914 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN062001.D

Acq: 22 Jun 2020 15:54

Instrument :

MSVOA_N

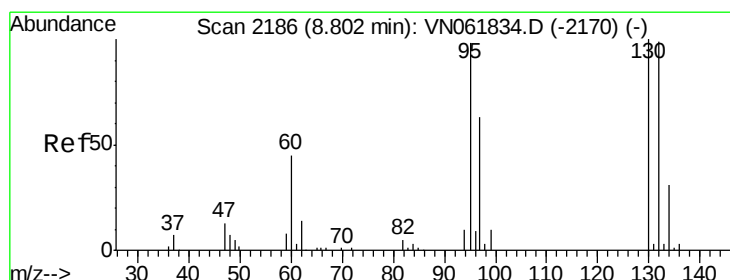
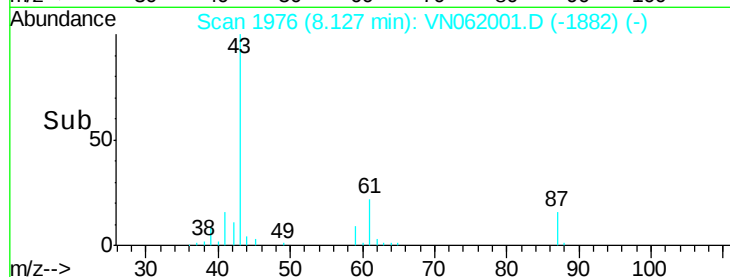
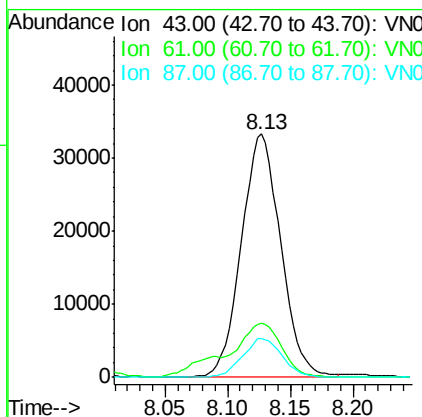
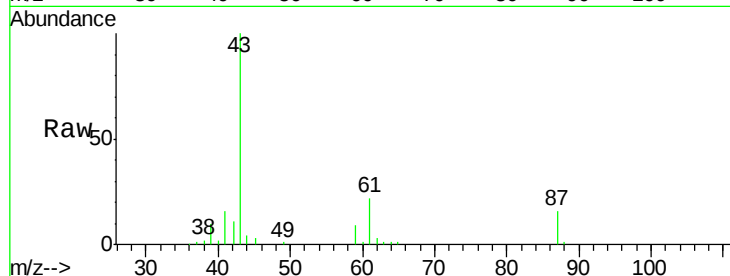
ClientSampleId :

VN0622WBSD01

Tot Ion:	43	Resp:	72982
Ion	Ratio	Lower	Upper
43	100		
61	22.3	24.0	36.0#
87	15.9	12.5	18.7

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#44

Trichloroethene

Concen: 20.123 ug/l

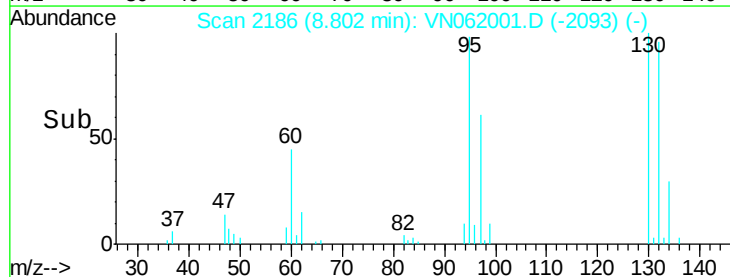
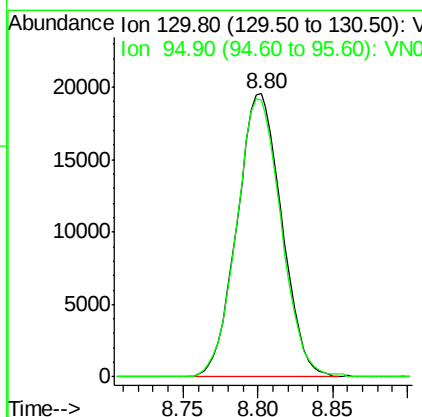
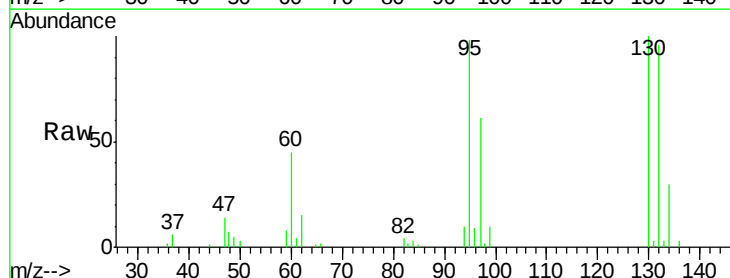
RT: 8.80 min Scan# 2186

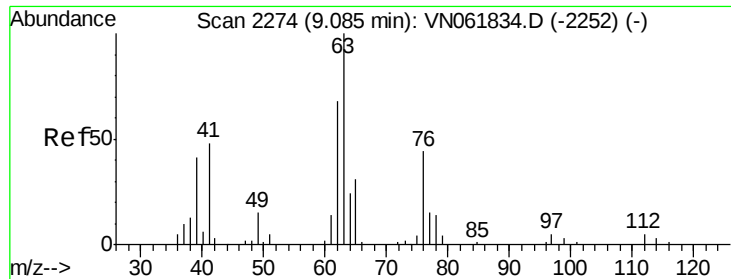
Delta R.T. -0.00 min

Lab File: VN062001.D

Acq: 22 Jun 2020 15:54

Tgt Ion:	130	Resp:	40597
Ion	Ratio	Lower	Upper
130	100		
95	97.8	0.0	195.6





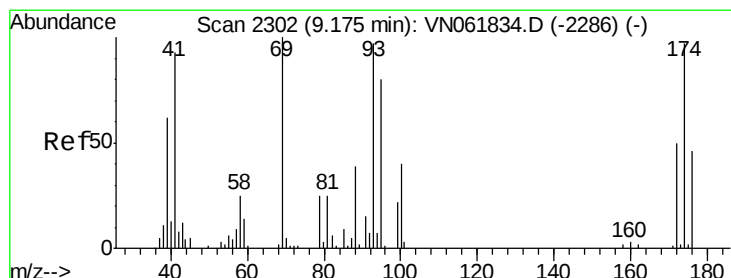
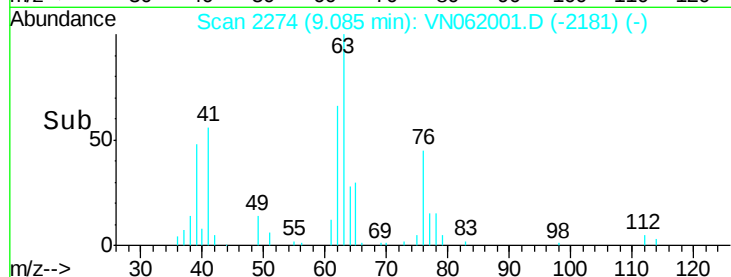
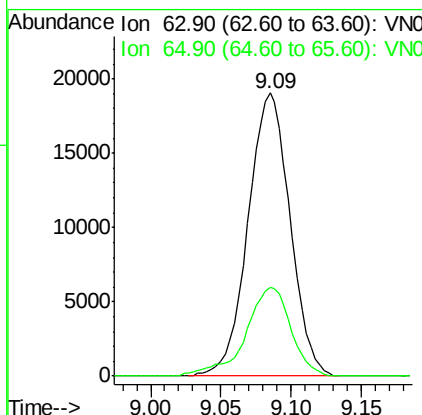
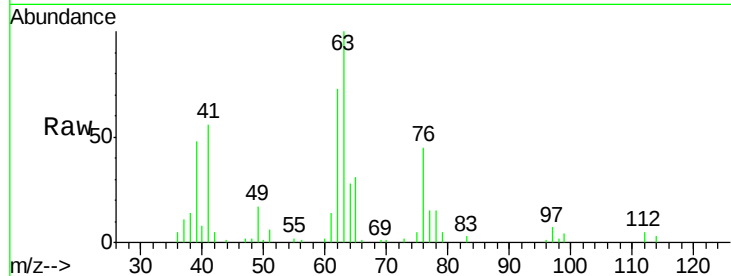
#45
 1,2-Dichloropropane
 Concen: 21.005 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062001.D
 Acq: 22 Jun 2020 15:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBSD01

Tot Ion: 63 Resp: 39571
 Ion Ratio Lower Upper
 63 100
 65 31.5 25.1 37.7

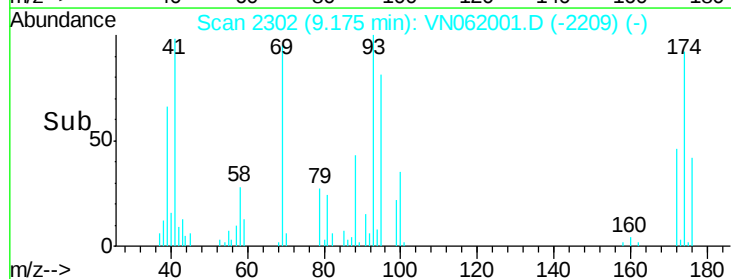
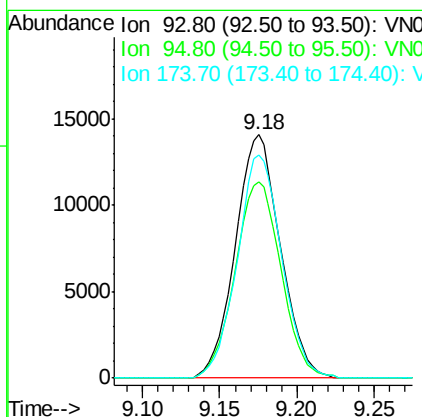
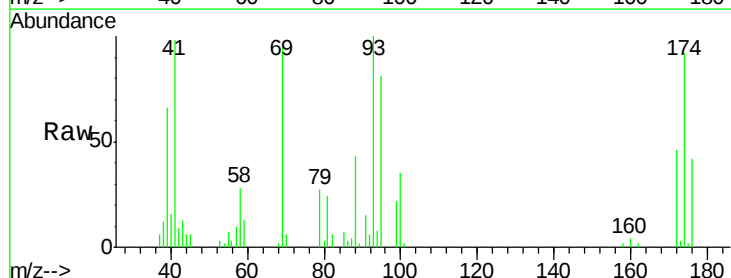
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#46
 Dibromomethane
 Concen: 21.462 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062001.D
 Acq: 22 Jun 2020 15:54

Tgt Ion: 93 Resp: 28471
 Ion Ratio Lower Upper
 93 100
 95 82.2 65.8 98.6
 174 90.6 78.5 117.7





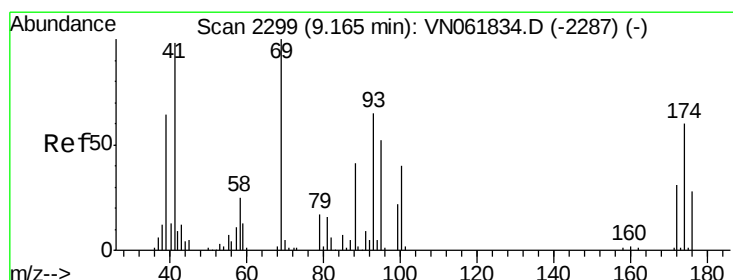
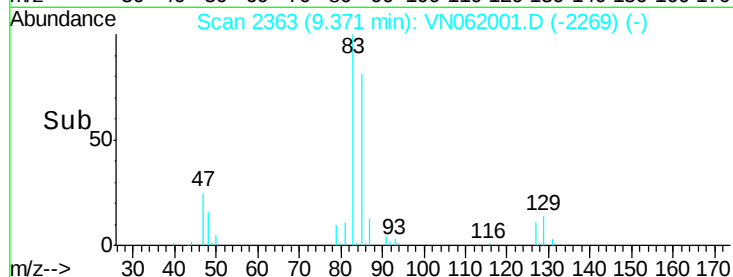
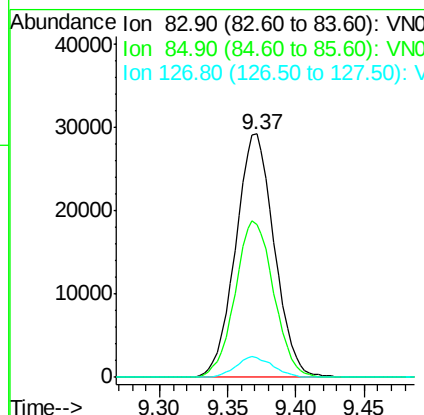
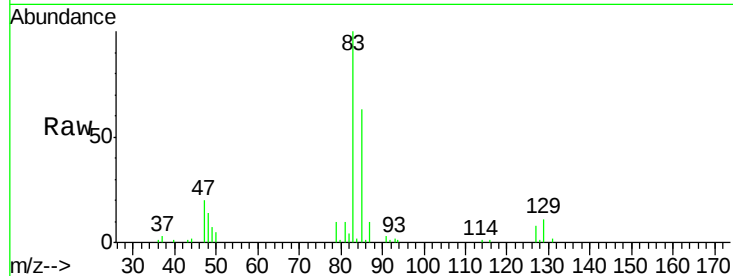
#47
Bromodichloromethane
Concen: 21.199 ug/l
RT: 9.37 min Scan# 2363
Delta R.T. 0.00 min
Lab File: VN062001.D
Acq: 22 Jun 2020 15:54

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBSD01

Tot Ion	83	Resp	57586
Ion Ratio	100	Lower	Upper
83	100		
85	63.0	50.8	76.2
127	8.2	7.0	10.4

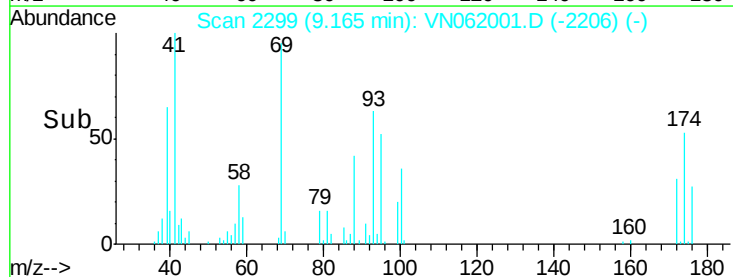
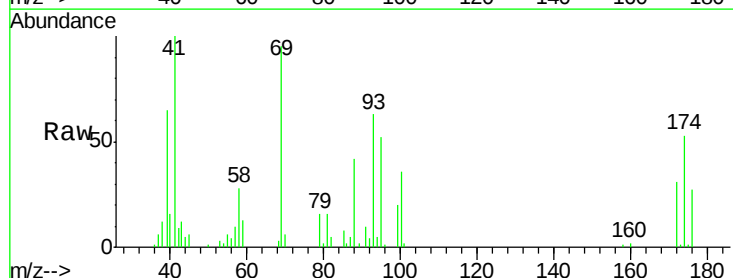
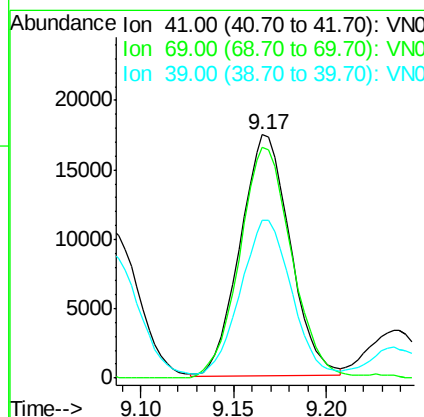
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#48
Methyl methacrylate
Concen: 21.511 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062001.D
Acq: 22 Jun 2020 15:54

Tgt Ion	41	Resp	32579
Ion Ratio	100	Lower	Upper
41	100		
69	99.3	83.0	124.4
39	67.7	55.1	82.7





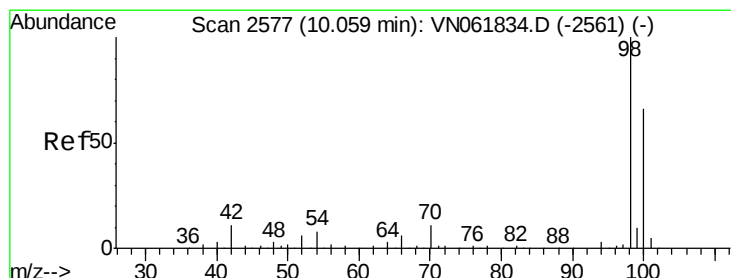
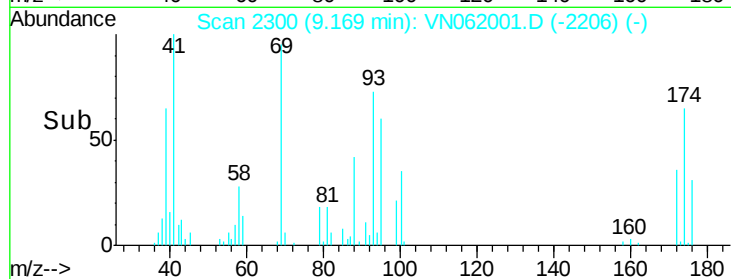
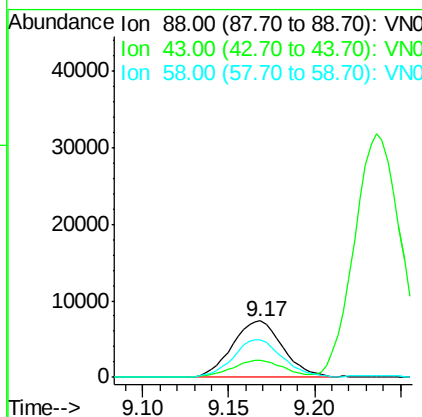
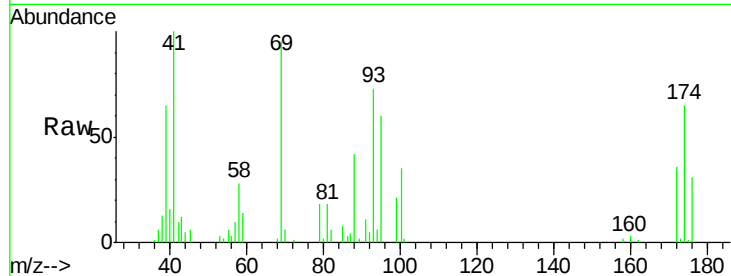
#49
1,4-Dioxane
Concen: 435.160 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VN062001.D
Acq: 22 Jun 2020 15:54

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBSD01

Tot Ion	88	Resp	15131
Ion	Ratio	Lower	Upper
88	100		
43	30.6	23.4	35.2
58	65.0	49.8	74.6

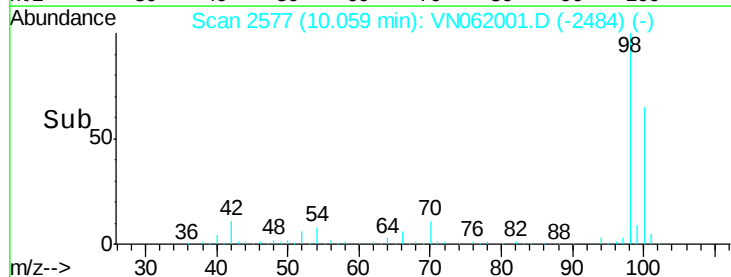
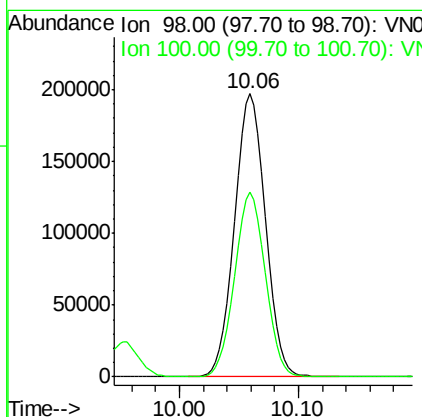
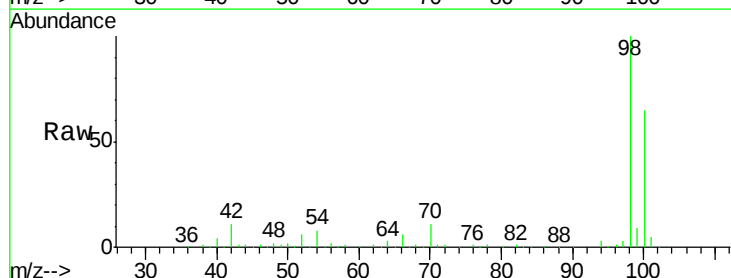
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#50
Toluene-d8
Concen: 50.944 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062001.D
Acq: 22 Jun 2020 15:54

Tgt Ion	98	Resp	355493
Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.7	79.1





#51

4-Methyl-2-Pentanone

Concen: 115.654 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062001.D

Acq: 22 Jun 2020 15:54

Instrument :

MSVOA_N

ClientSampleId :

VN0622WBSD01

Tot Ion: 43 Resp: 227607

Ion Ratio Lower Upper

43 100

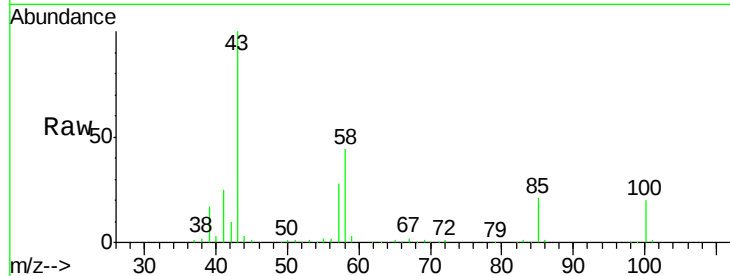
58 43.5 34.6 52.0

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Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-2527) (-)

Ion 58.00 (57.70 to 58.70): VN061834.D (-2527) (-)

9.95

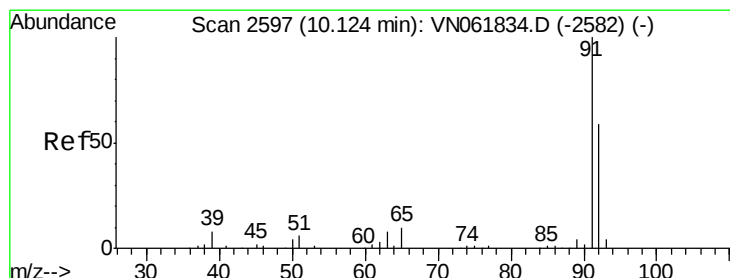
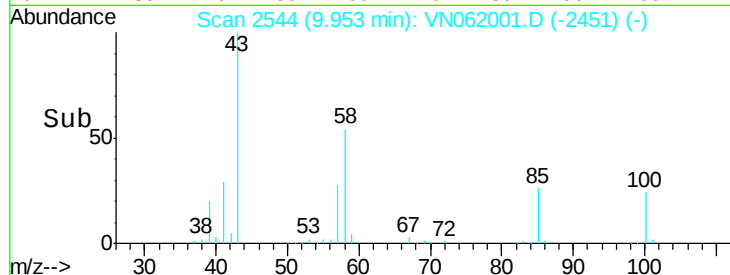
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.944 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062001.D

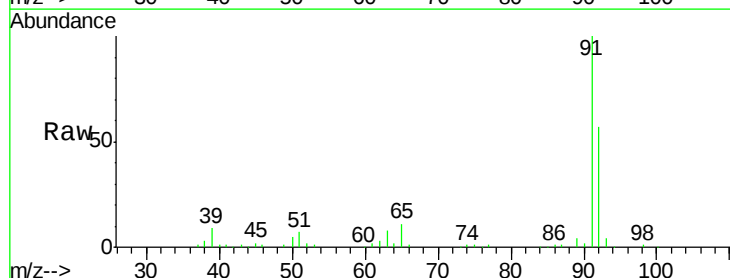
Acq: 22 Jun 2020 15:54

Tgt Ion: 92 Resp: 100833

Ion Ratio Lower Upper

92 100

91 170.0 137.1 205.7



Abundance Ion 92.00 (91.70 to 92.70): VN061834.D (-2582) (-)

Ion 91.00 (90.70 to 91.70): VN061834.D (-2582) (-)

10.12

100000

80000

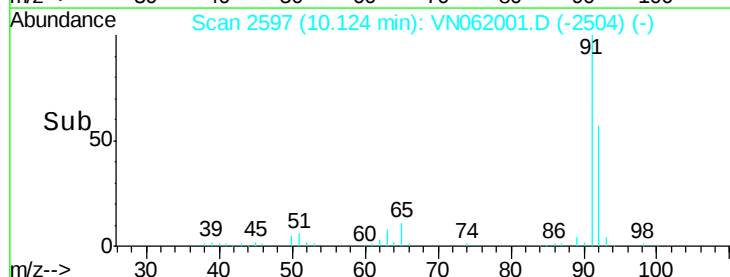
60000

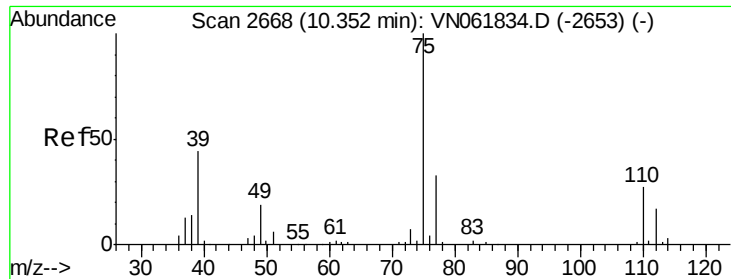
40000

20000

0

Time-->





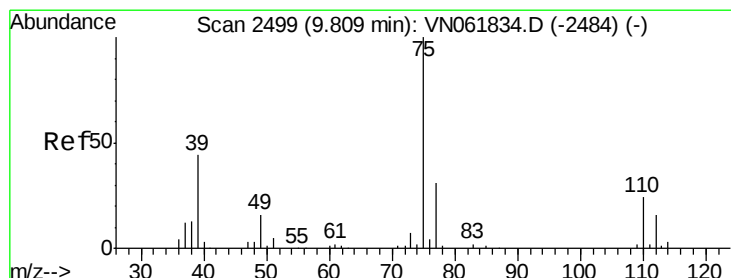
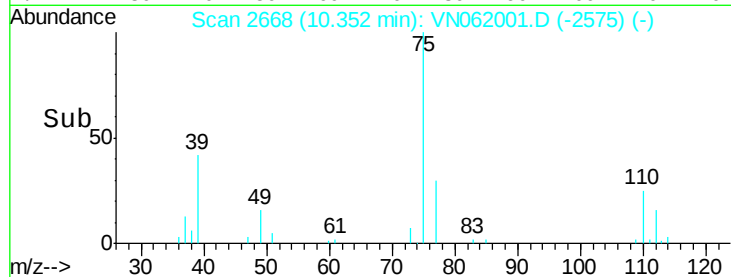
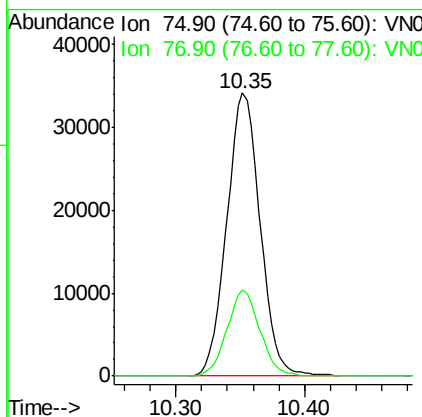
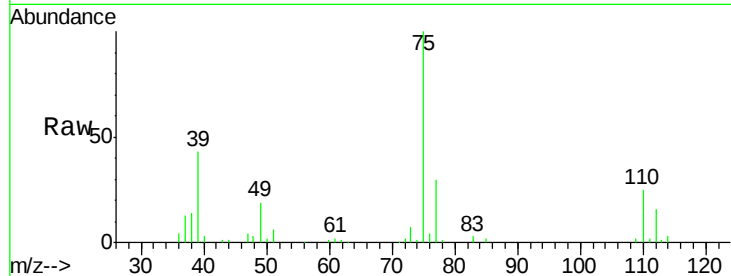
#53
t-1,3-Dichloropropene
Concen: 21.265 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. -0.00 min
Lab File: VN062001.D
Acq: 22 Jun 2020 15:54

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBSD01

Tot Ion: 75 Resp: 61321
Ion Ratio Lower Upper
75 100
77 30.5 26.3 39.5

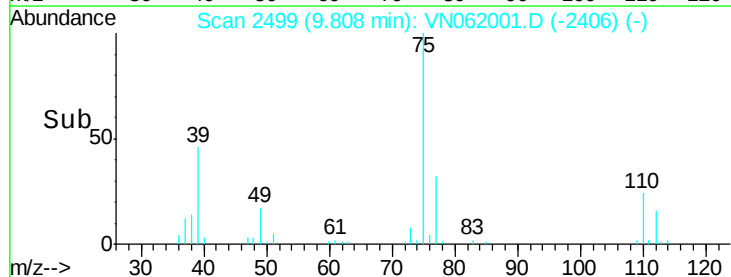
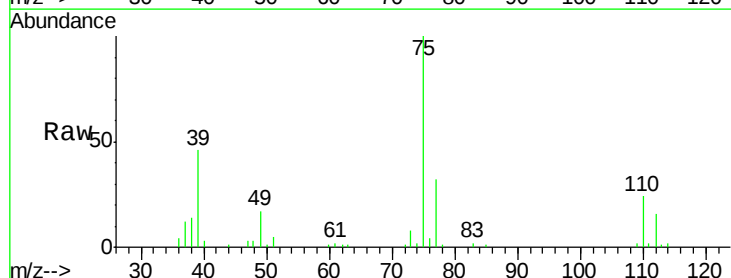
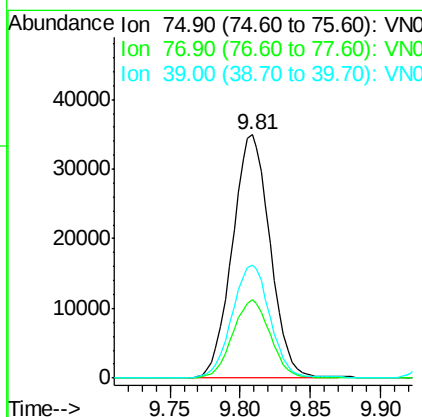
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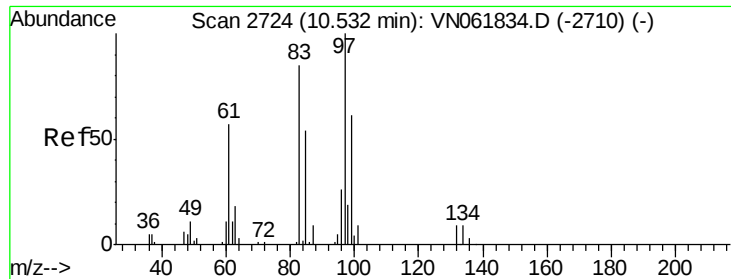
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#54
cis-1,3-Dichloropropene
Concen: 20.917 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VN062001.D
Acq: 22 Jun 2020 15:54

Tgt Ion: 75 Resp: 65514
Ion Ratio Lower Upper
75 100
77 32.1 24.8 37.2
39 46.4 35.4 53.0





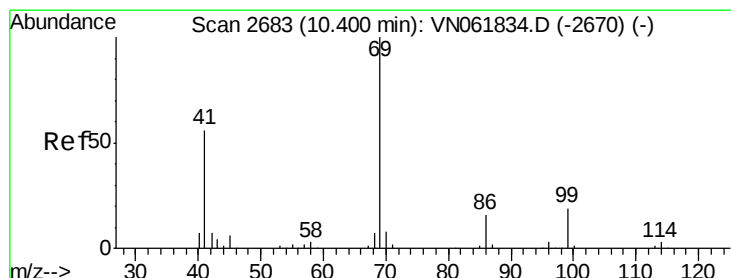
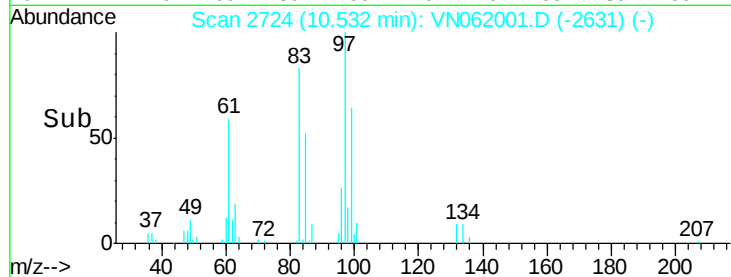
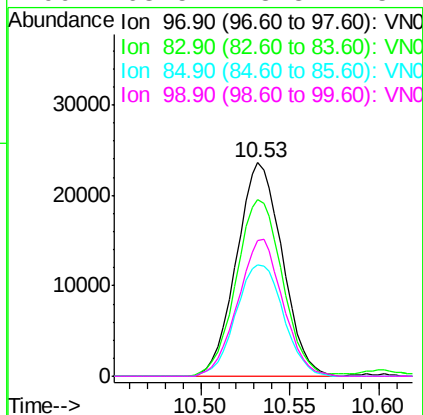
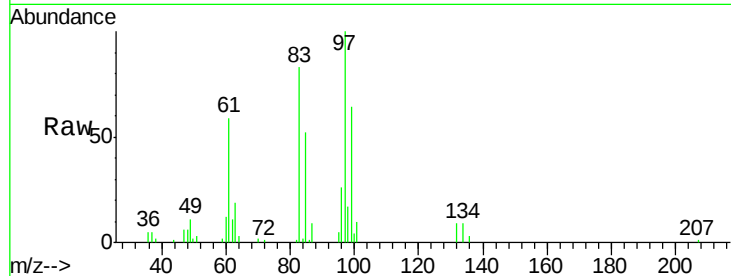
#55
 1,1,2-Trichloroethane
 Concen: 22.326 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062001.D
 Acq: 22 Jun 2020 15:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBSD01

Tot Ion	Ratio	Lower	Upper
97	100		
83	82.8	67.7	101.5
85	51.9	43.4	65.0
99	63.5	48.8	73.2

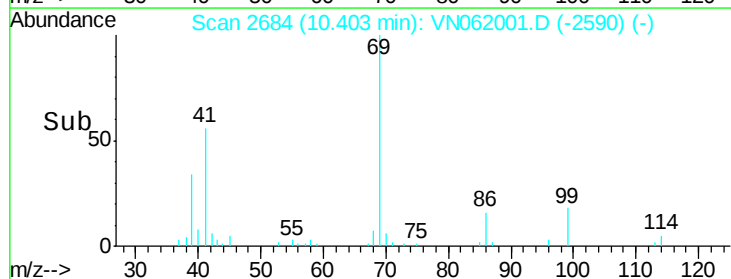
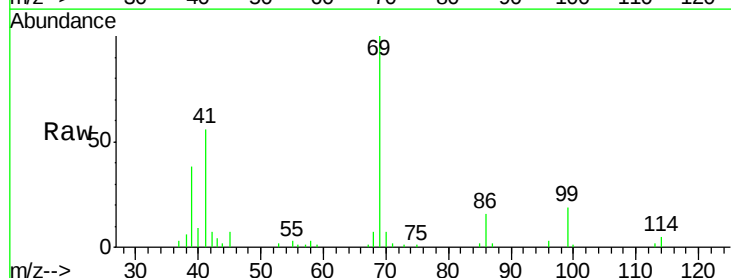
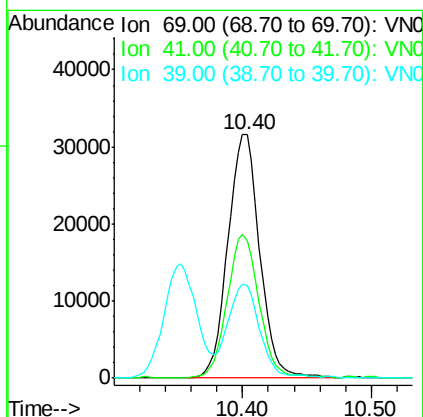
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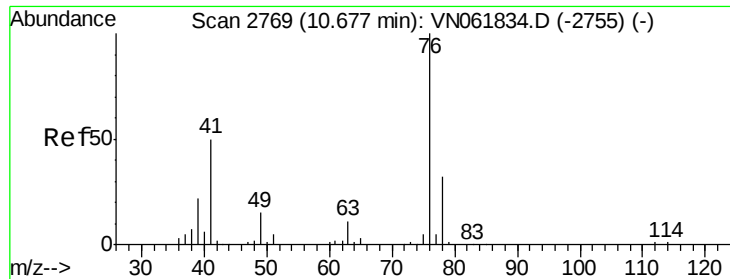
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#56
 Ethyl methacrylate
 Concen: 20.495 ug/l
 RT: 10.40 min Scan# 2684
 Delta R.T. 0.00 min
 Lab File: VN062001.D
 Acq: 22 Jun 2020 15:54

Tgt Ion	Ratio	Lower	Upper
69	100		
41	59.7	44.9	67.3
39	39.2	30.0	45.0





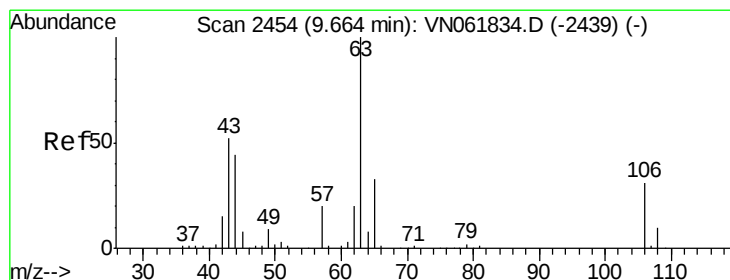
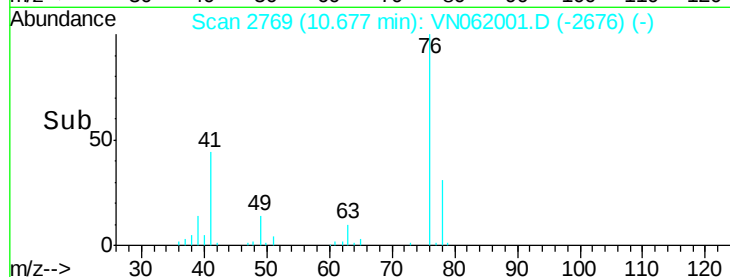
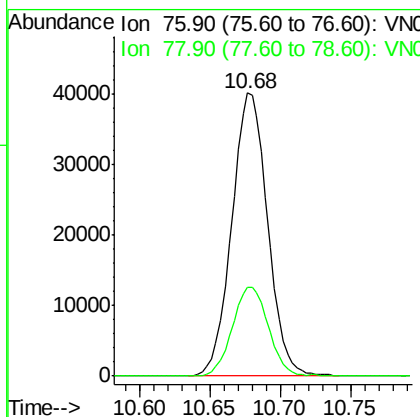
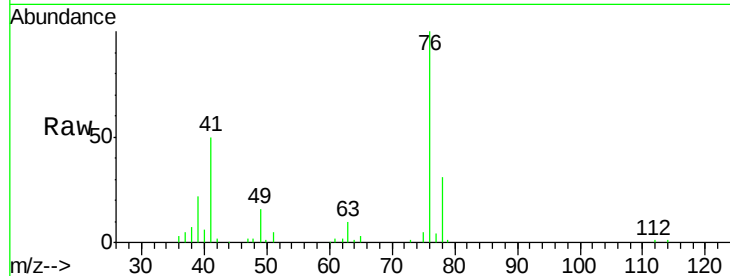
#57
 1,3-Dichloropropane
 Concen: 22.233 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062001.D
 Acq: 22 Jun 2020 15:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBSD01

Tot Ion: 76 Resp: 71347
 Ion Ratio Lower Upper
 76 100
 78 31.3 25.8 38.8

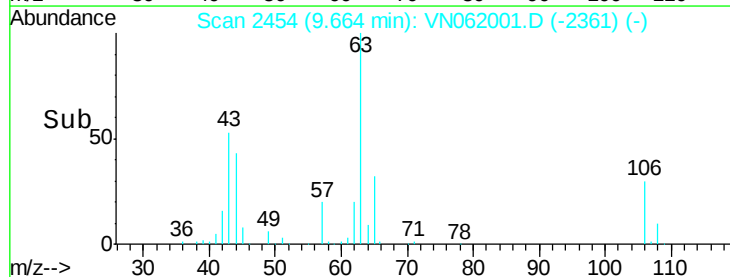
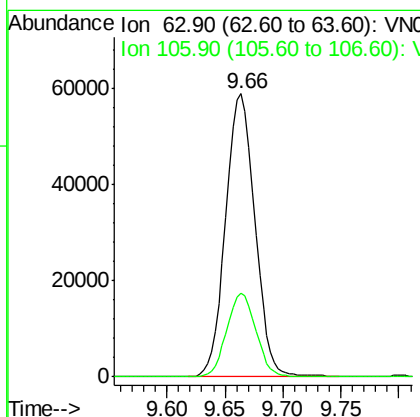
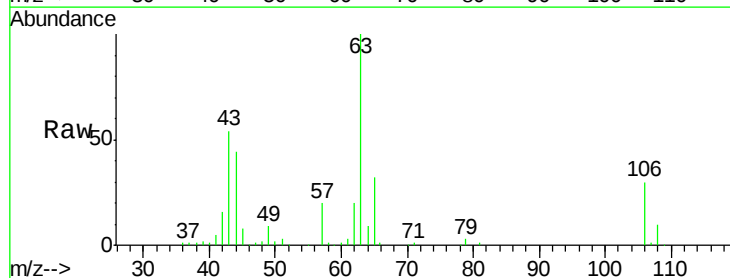
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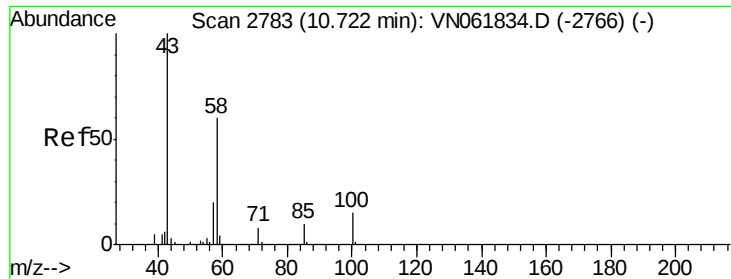
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 6/23/2020 12:47:50 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 103.199 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. -0.00 min
 Lab File: VN062001.D
 Acq: 22 Jun 2020 15:54

Tgt Ion: 63 Resp: 103168
 Ion Ratio Lower Upper
 63 100
 106 29.4 24.6 36.8





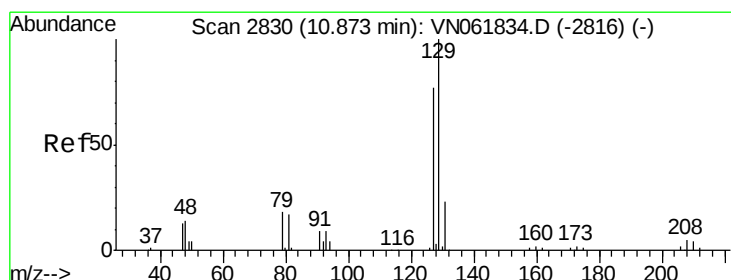
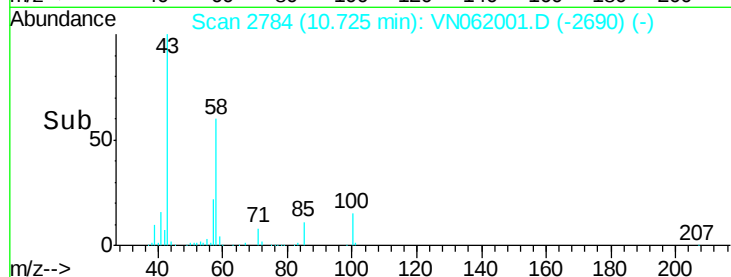
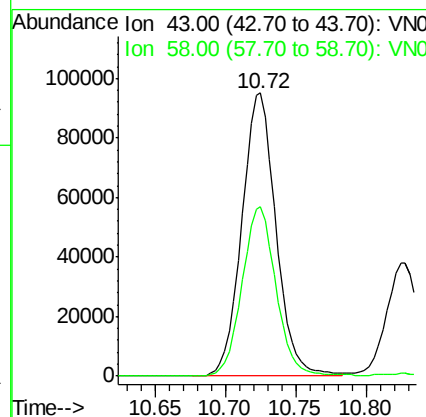
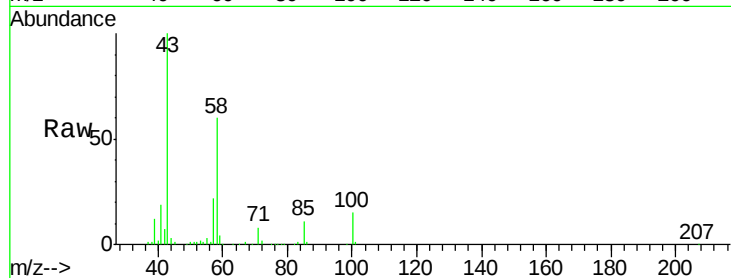
#59
2-Hexanone
Concen: 110.691 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062001.D
Acq: 22 Jun 2020 15:54

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBSD01

Tot Ion: 43 Resp: 161623
Ion Ratio Lower Upper
43 100
58 59.7 30.1 90.5

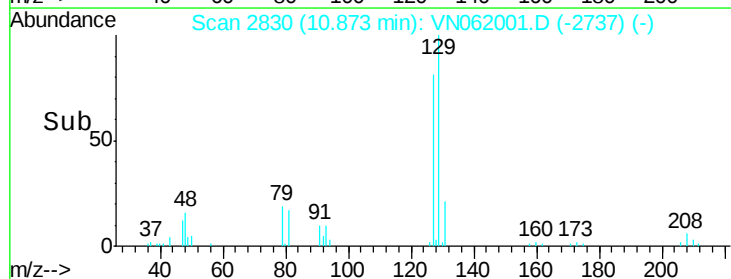
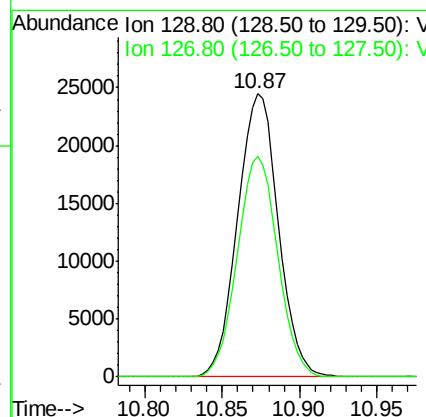
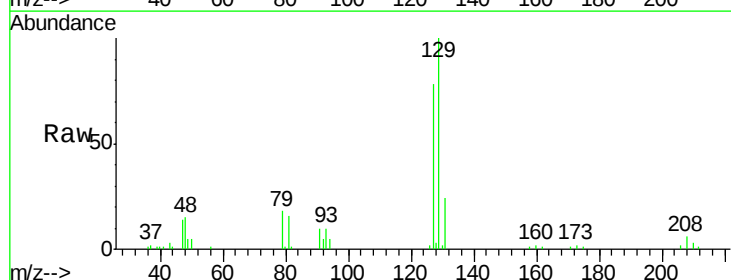
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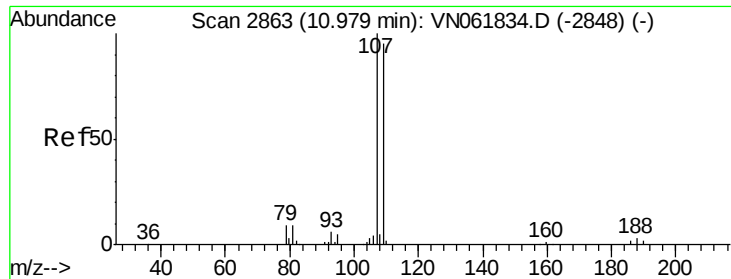
MMDadoda
6/23/2020 12:47:50 PM



#60
Dibromochloromethane
Concen: 21.199 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062001.D
Acq: 22 Jun 2020 15:54

Tgt Ion: 129 Resp: 44808
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5





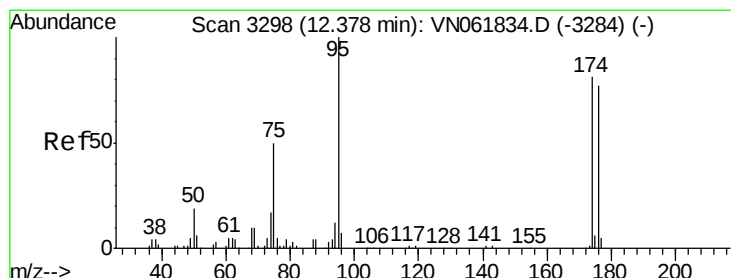
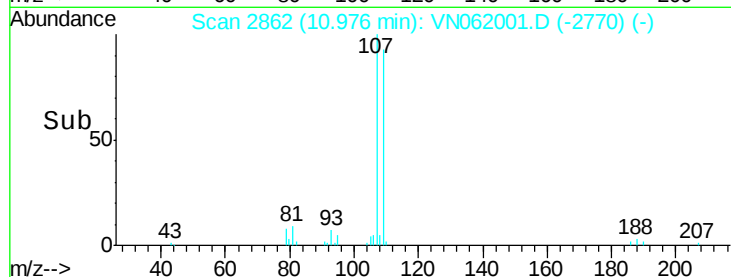
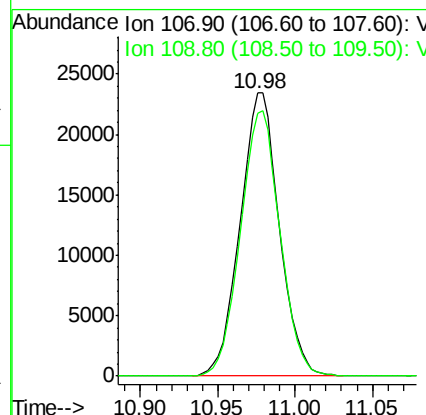
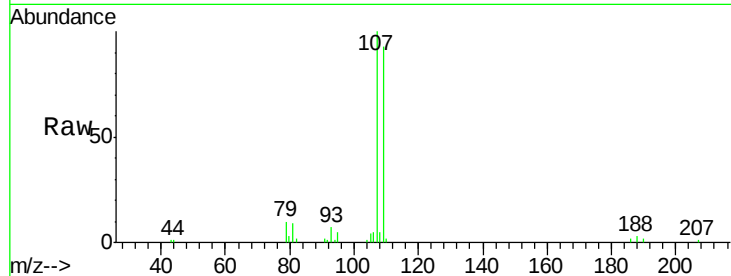
#61
 1,2-Dibromoethane
 Concen: 20.807 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062001.D
 Acq: 22 Jun 2020 15:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.5	75.0	112.6

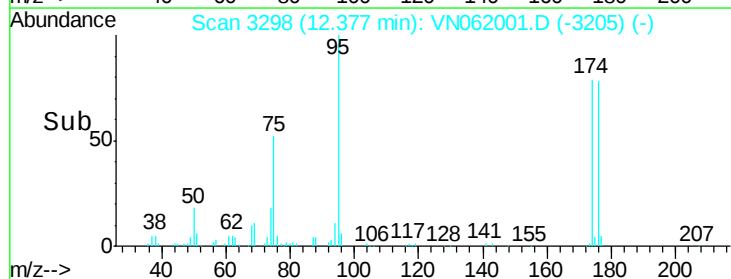
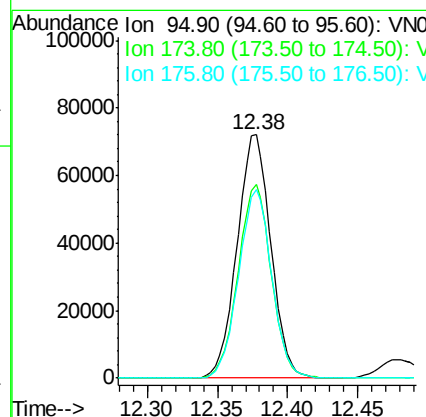
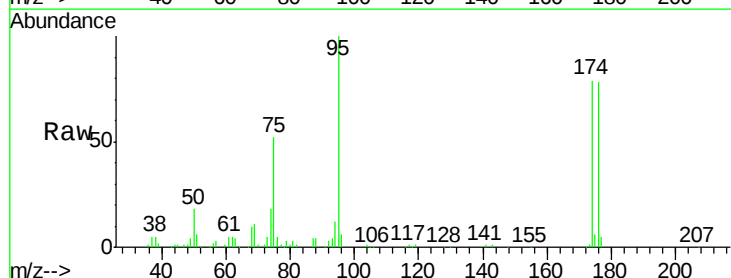
Manual Integrations
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 6/23/2020 12:47:50 PM



#62
 4-Bromofluorobenzene
 Concen: 50.536 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062001.D
 Acq: 22 Jun 2020 15:54

Tgt Ion	Ratio	Lower	Upper
95	100		
174	77.9	0.0	158.6
176	75.9	0.0	152.0





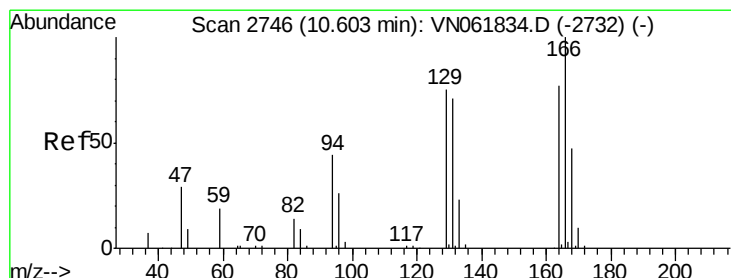
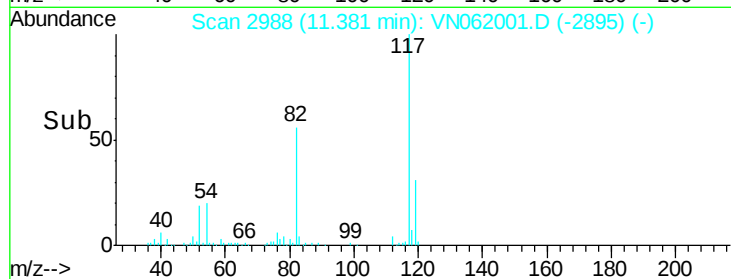
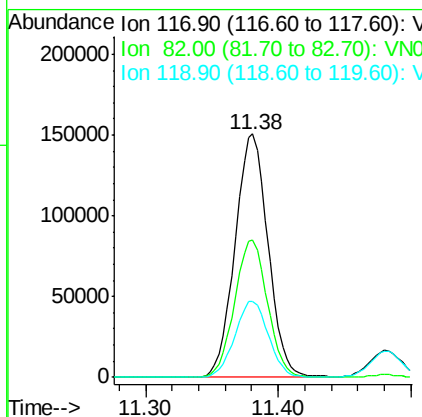
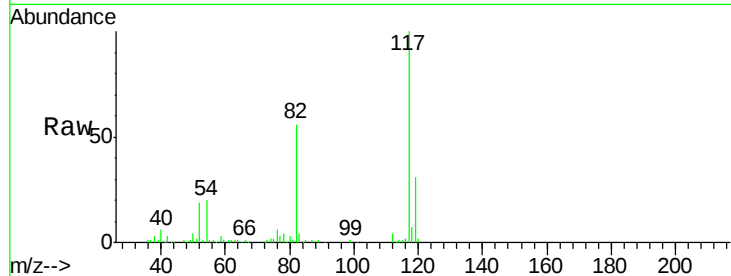
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062001.D
Acq: 22 Jun 2020 15:54

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.5	42.6	64.0
119	31.5	24.7	37.1

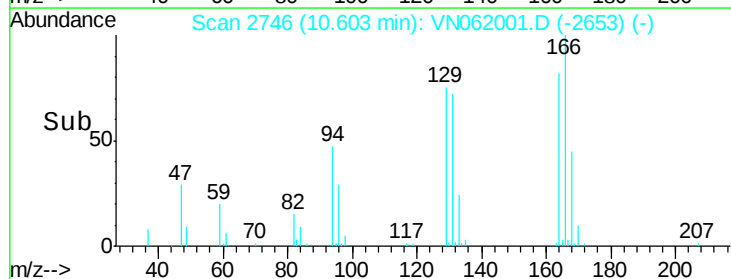
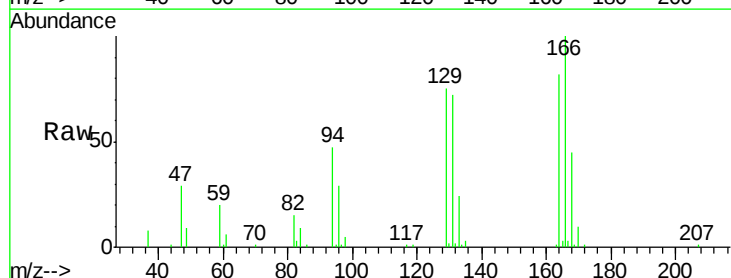
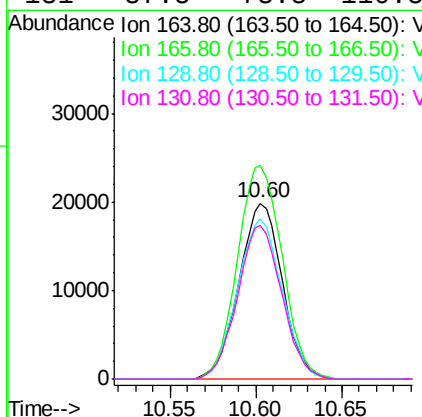
Manual Integrations
APPROVED

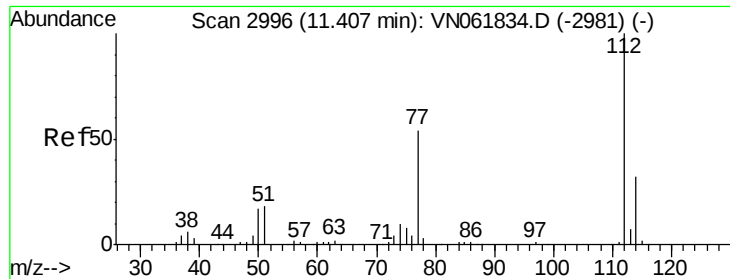
MMDadoda
6/23/2020 12:47:50 PM



#64
Tetrachloroethene
Concen: 20.913 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062001.D
Acq: 22 Jun 2020 15:54

Tgt Ion	Ratio	Lower	Upper
164	100		
166	121.4	103.5	155.3
129	91.2	77.5	116.3
131	87.5	73.8	110.8





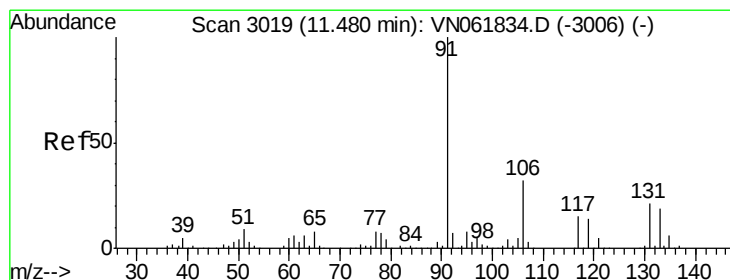
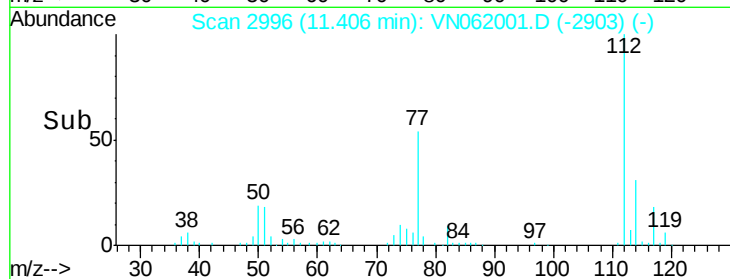
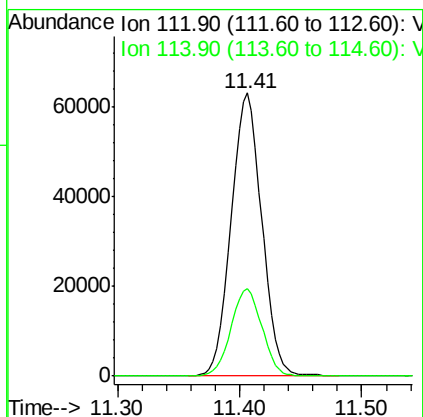
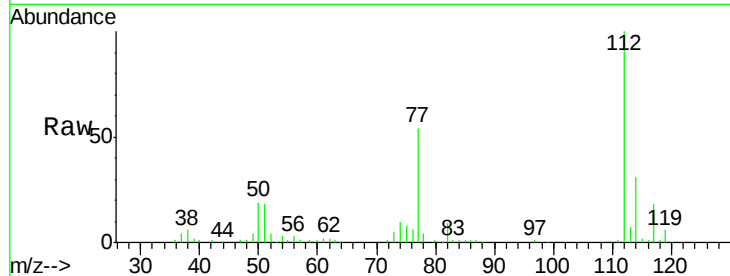
#65
Chlorobenzene
Concen: 20.067 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062001.D
Acq: 22 Jun 2020 15:54

Instrument :
MSVOA_N
ClientSampled :
VN0622WBSD01

Tot Ion:112 Resp: 110419
Ion Ratio Lower Upper
112 100
114 30.8 25.8 38.6

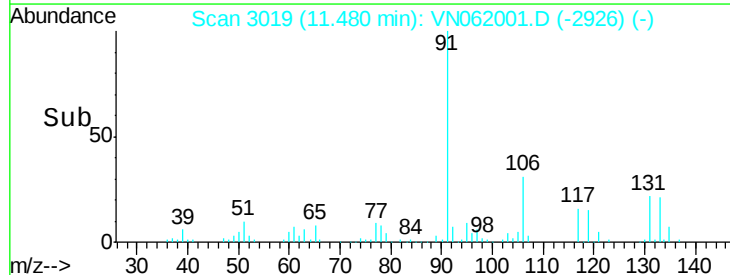
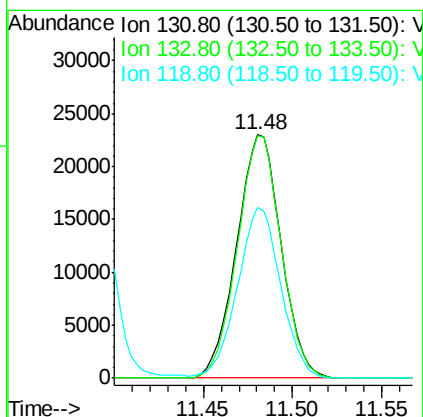
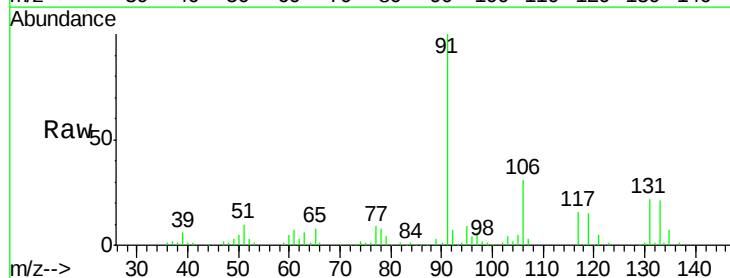
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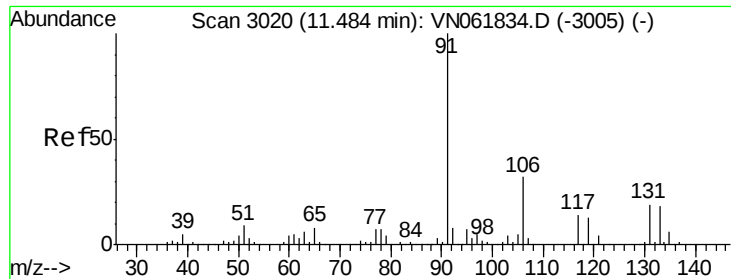
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.877 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062001.D
Acq: 22 Jun 2020 15:54

Tgt Ion:131 Resp: 40063
Ion Ratio Lower Upper
131 100
133 97.9 47.5 142.5
119 68.3 34.0 101.8





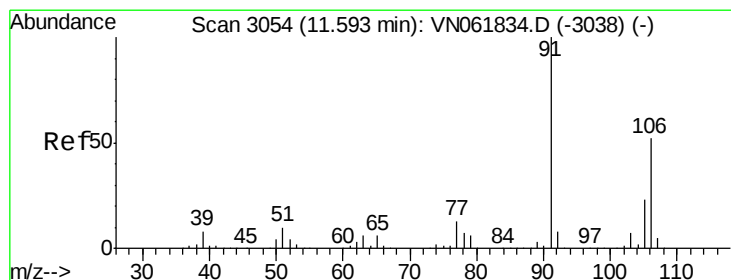
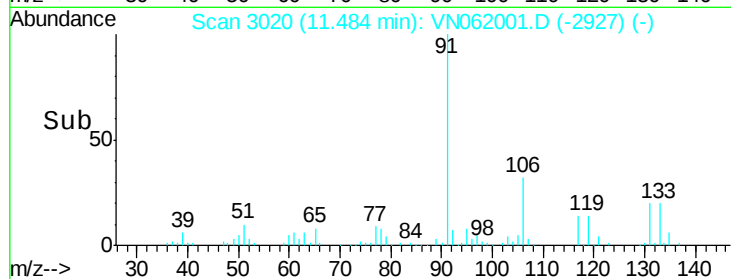
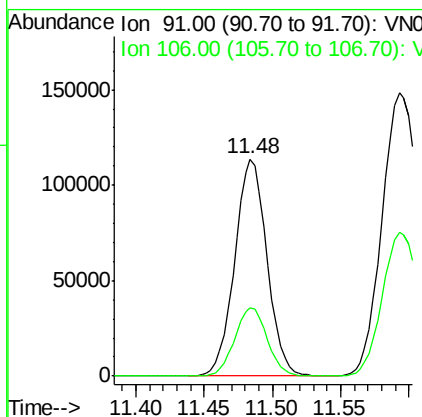
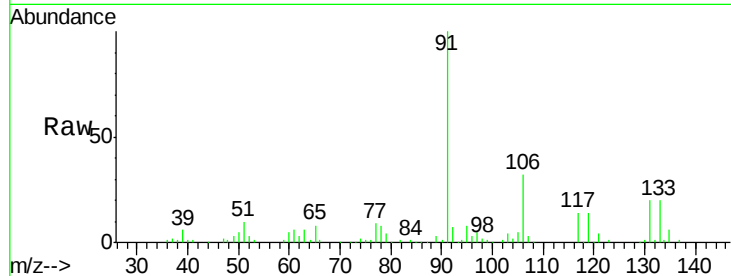
#67
Ethyl Benzene
Concen: 20.191 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062001.D
Acq: 22 Jun 2020 15:54

Instrument :
MSVOA_N
ClientSampled :
VN0622WBSD01

Tot Ion: 91 Resp: 186277
Ion Ratio Lower Upper
91 100
106 31.5 25.4 38.2

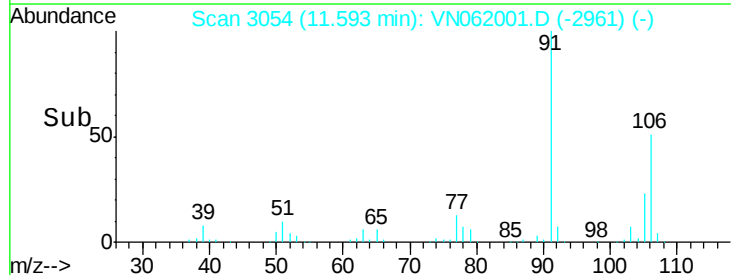
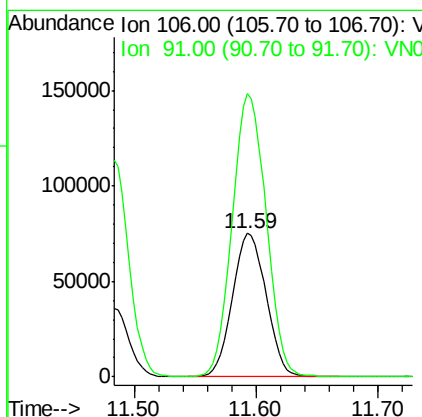
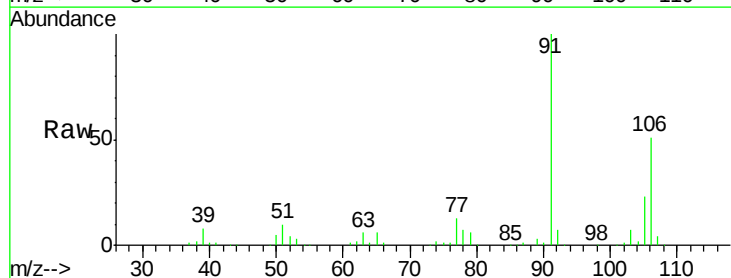
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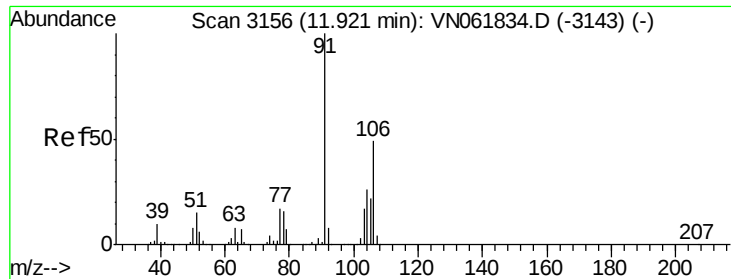
MMDadoda
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#68
m/p-Xylenes
Concen: 40.517 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062001.D
Acq: 22 Jun 2020 15:54

Tgt Ion: 106 Resp: 144134
Ion Ratio Lower Upper
106 100
91 197.6 157.0 235.6





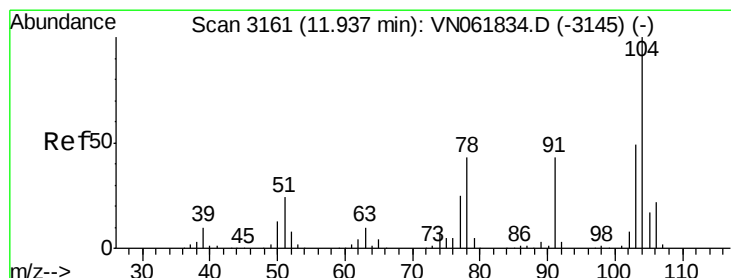
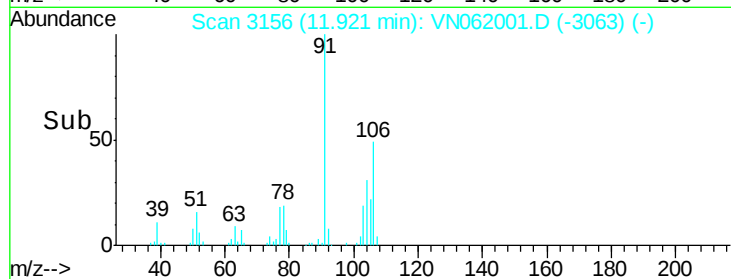
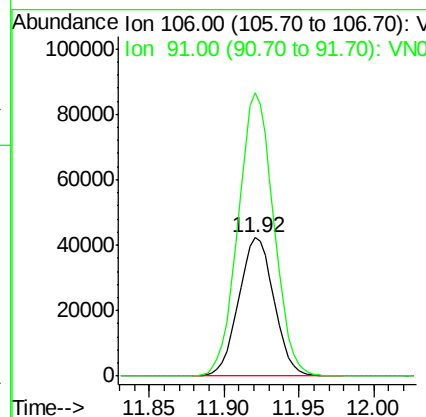
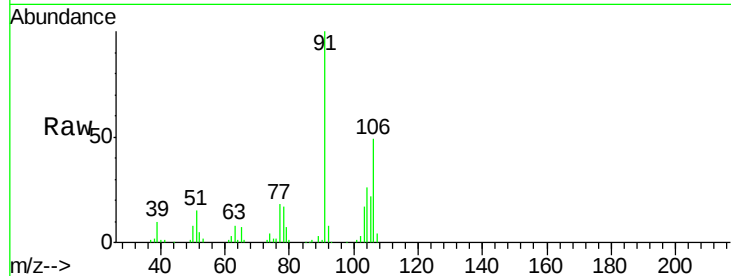
#69
o-Xylene
Concen: 20.514 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062001.D
Acq: 22 Jun 2020 15:54

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		69630		
91	205.6	103.0	308.9		

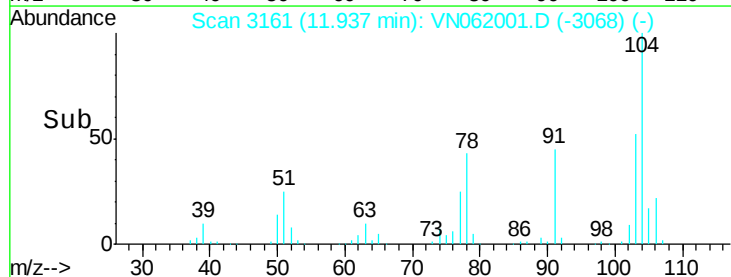
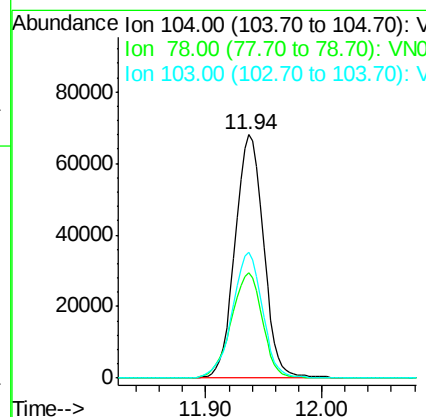
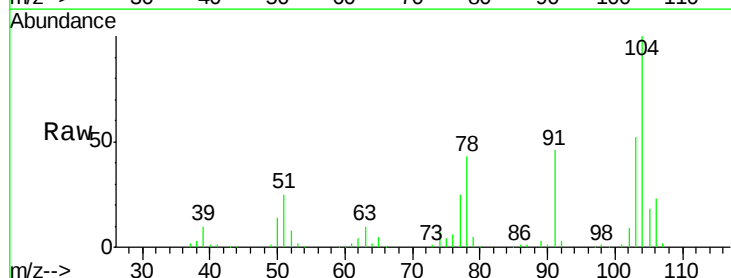
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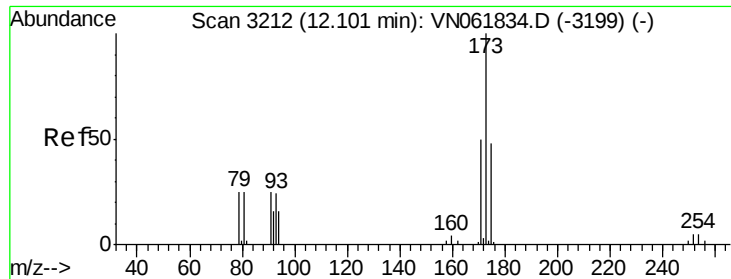
MMDadoda
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#70
Styrene
Concen: 20.403 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062001.D
Acq: 22 Jun 2020 15:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		115957		
78	47.3	37.6	56.4		
103	54.4	43.0	64.4		





#71

Bromoform

Concen: 20.920 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062001.D

Acq: 22 Jun 2020 15:54

Instrument :

MSVOA_N

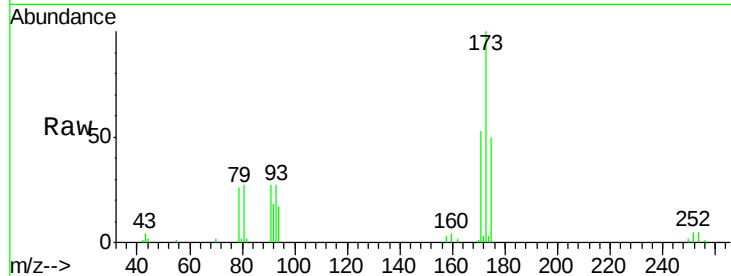
ClientSampleId :

VN0622WBSD01

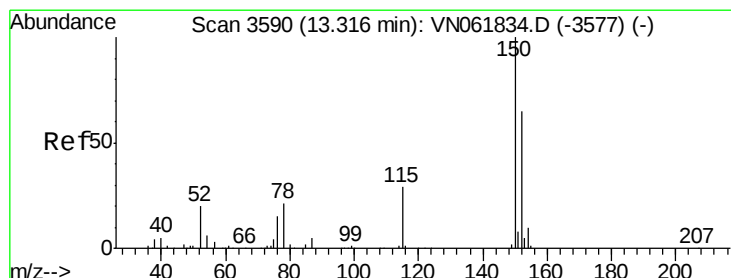
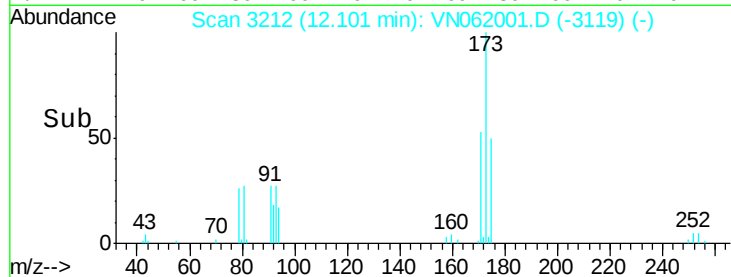
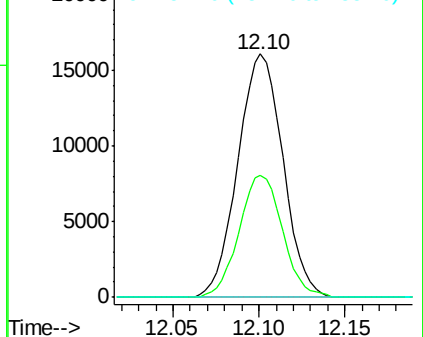
Tot Ion:	173	Resp:	29273
Ion Ratio	Lower	Upper	
173	100		
175	48.3	23.9	71.7
254	0.0	0.0	0.0

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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

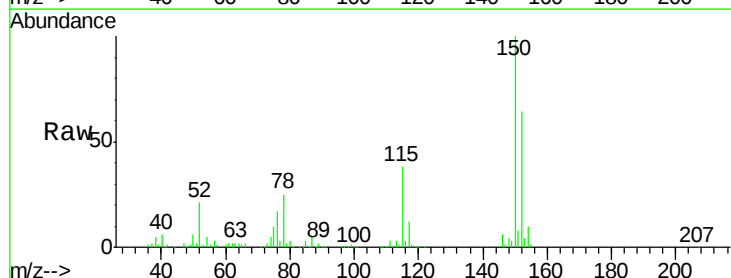
RT: 13.32 min Scan# 3590

Delta R.T. -0.00 min

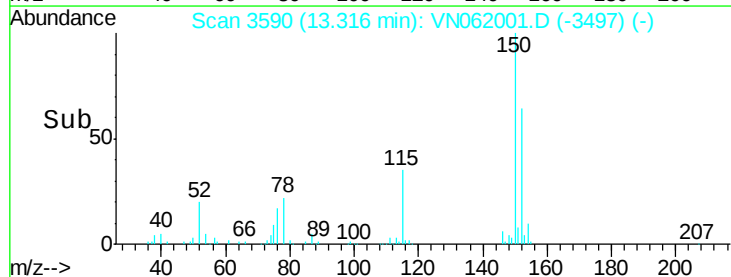
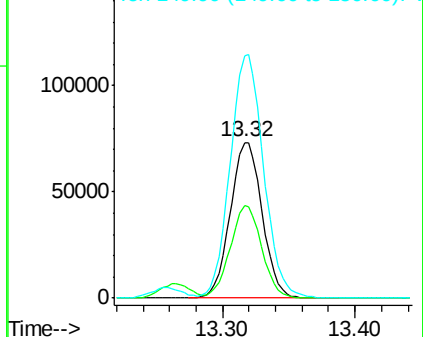
Lab File: VN062001.D

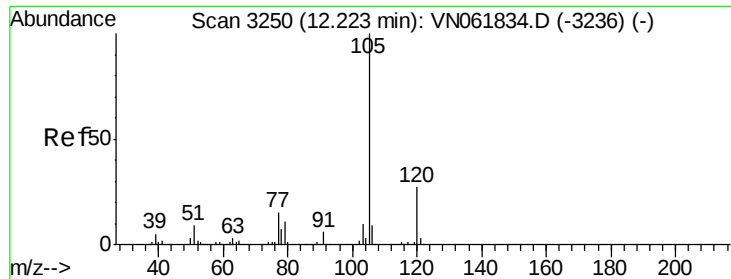
Acq: 22 Jun 2020 15:54

Tgt Ion:	152	Resp:	122182
Ion Ratio	Lower	Upper	
152	100		
115	58.9	29.1	87.3
150	163.8	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: 21.108 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062001.D

Acq: 22 Jun 2020 15:54

Instrument :

MSVOA_N

ClientSampleId :

VN0622WBSD01

Tot Ion: 105 Resp: 183264

Ion Ratio Lower Upper

105 100

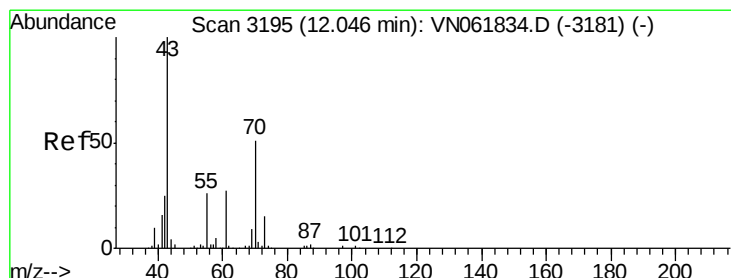
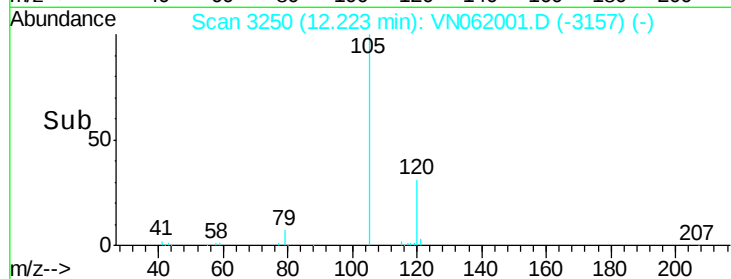
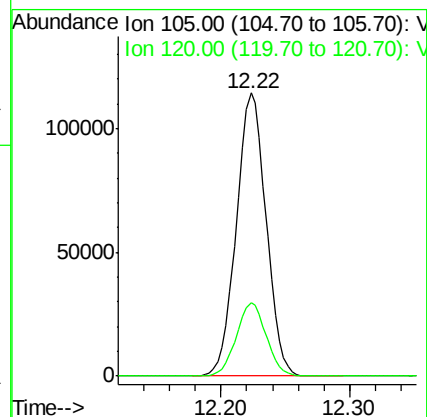
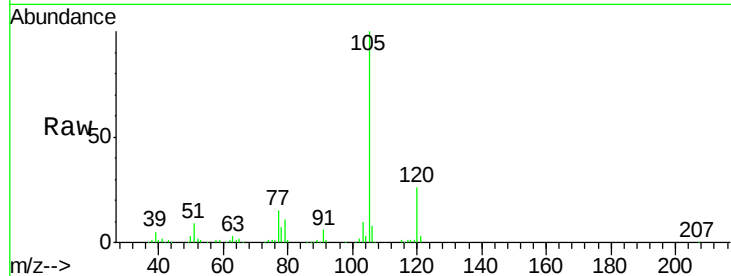
120 26.1 13.3 39.8

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#74

N-ethyl acetate

Concen: 21.099 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN062001.D

Acq: 22 Jun 2020 15:54

Tgt Ion: 43 Resp: 60409

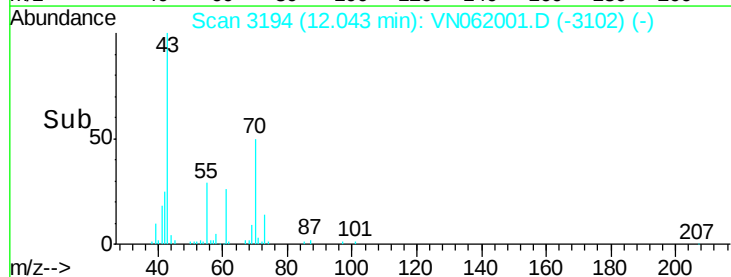
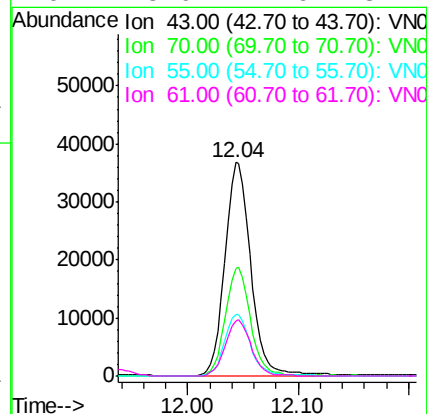
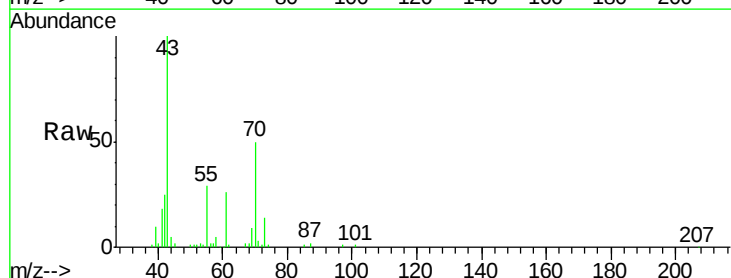
Ion Ratio Lower Upper

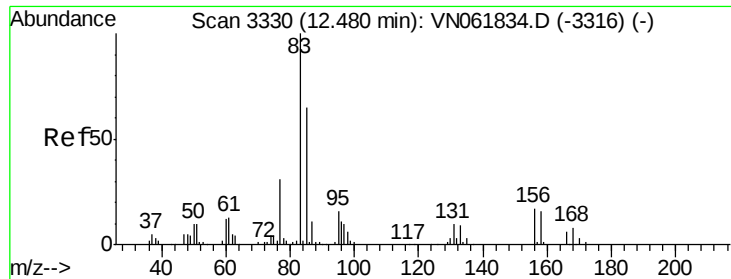
43 100

70 49.2 40.6 60.8

55 28.6 21.5 32.3

61 25.9 21.6 32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 22.030 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062001.D

Acq: 22 Jun 2020 15:54

Instrument :

MSVOA_N

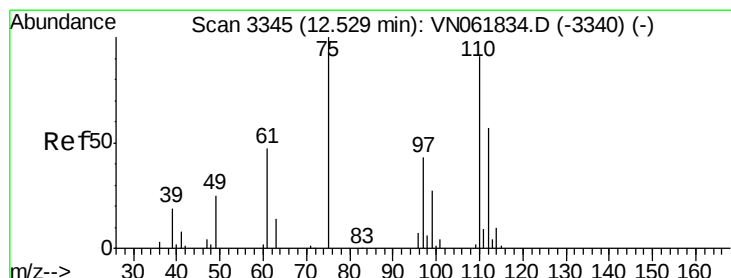
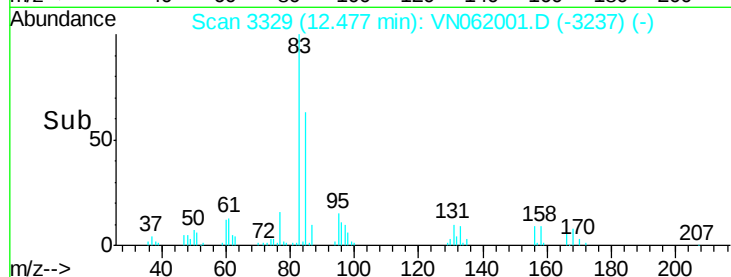
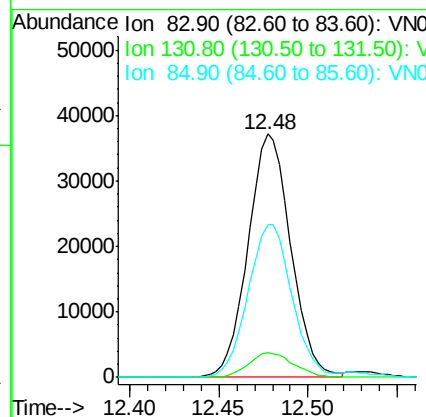
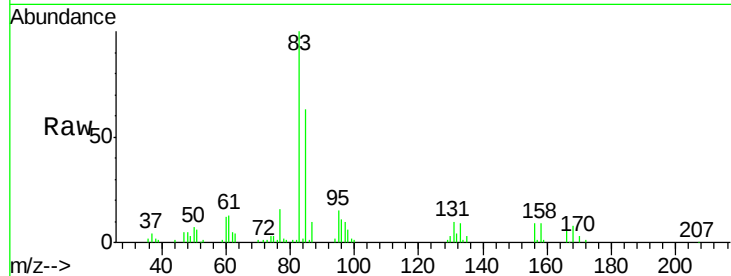
ClientSampleId :

VN0622WBSD01

Tot Ion:	83	Resp:	62187
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.0	15.0
85	64.3	32.4	97.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 21.140 ug/l m

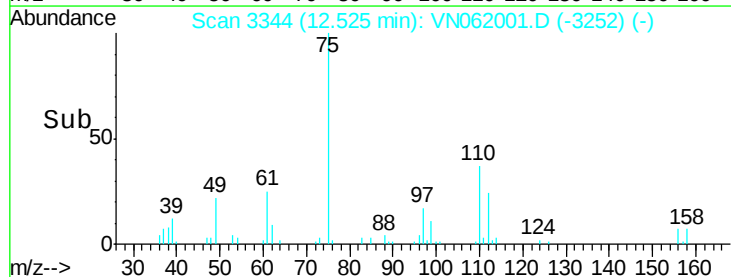
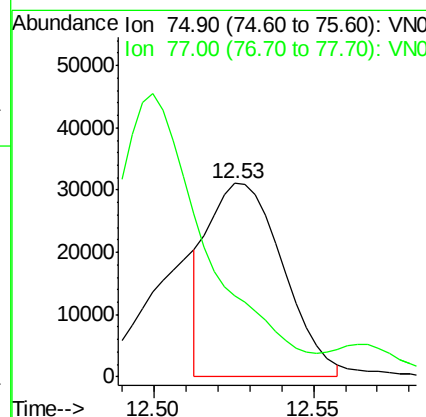
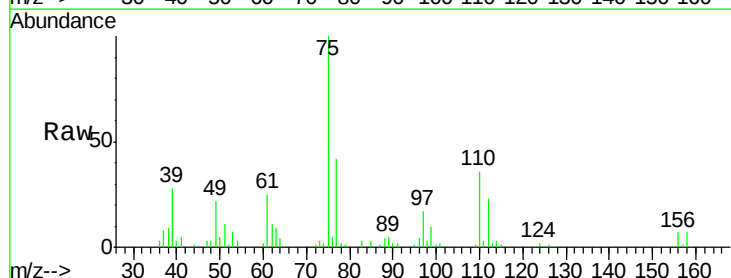
RT: 12.53 min Scan# 3344

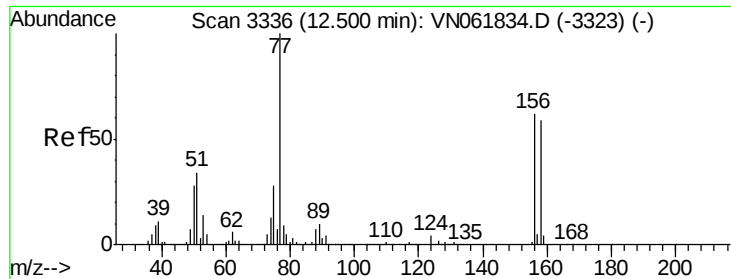
Delta R.T. -0.00 min

Lab File: VN062001.D

Acq: 22 Jun 2020 15:54

Tgt Ion:	75	Resp:	50710
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.102 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062001.D

Acq: 22 Jun 2020 15:54

Instrument :

MSVOA_N

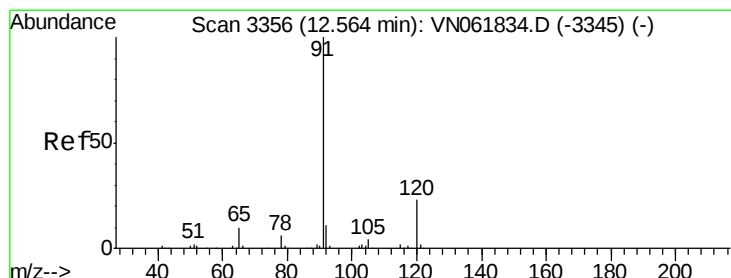
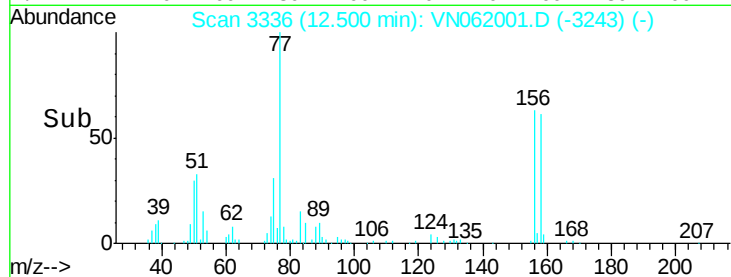
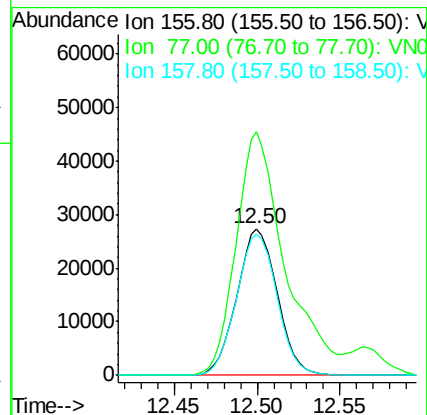
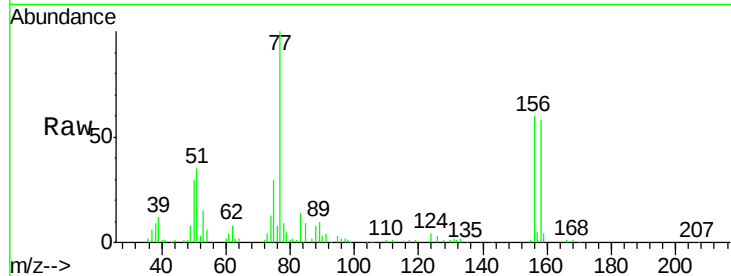
ClientSampleId :

VN0622WBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	202.5	100.7	302.1
158	97.5	48.5	145.5

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#78

n-propylbenzene

Concen: 20.434 ug/l

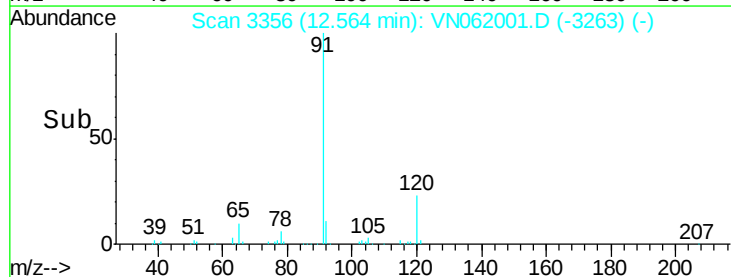
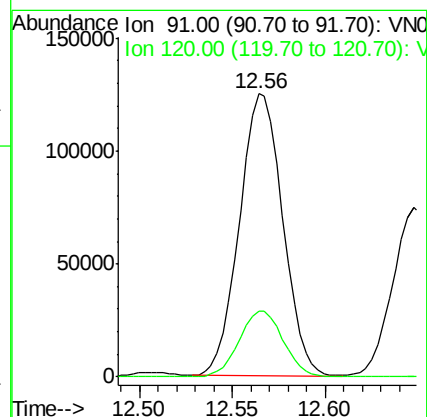
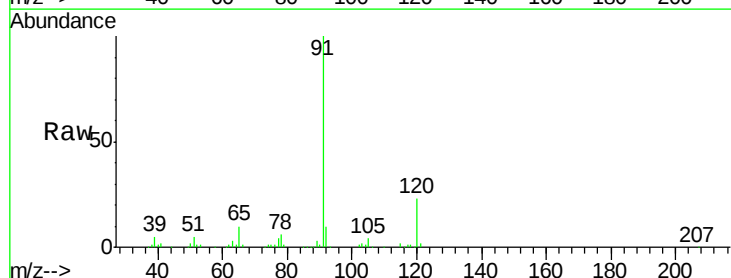
RT: 12.56 min Scan# 3356

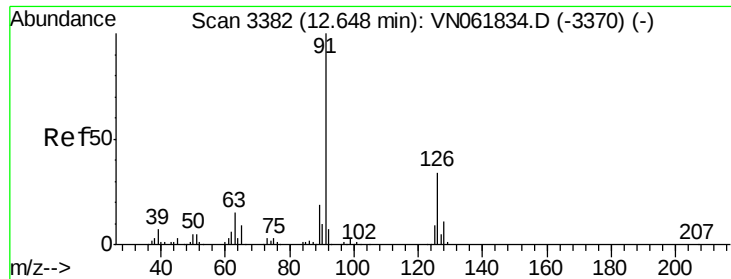
Delta R.T. -0.00 min

Lab File: VN062001.D

Acq: 22 Jun 2020 15:54

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.6	11.6	34.8





#79

2-Chlorotoluene

Concen: 20.910 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062001.D

Acq: 22 Jun 2020 15:54

Instrument :

MSVOA_N

ClientSampleId :

VN0622WBSD01

Tot Ion: 91 Resp: 124414

Ion Ratio Lower Upper

91 100

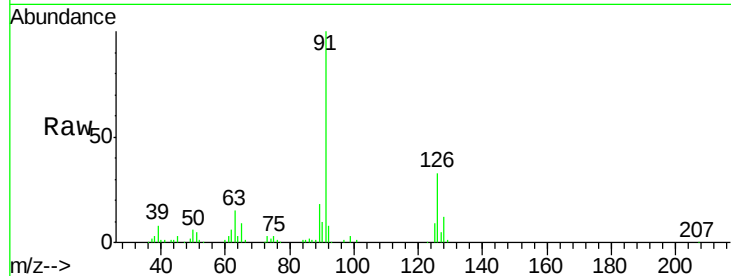
126 34.2 17.3 51.7

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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) (-)

120000

100000

80000

60000

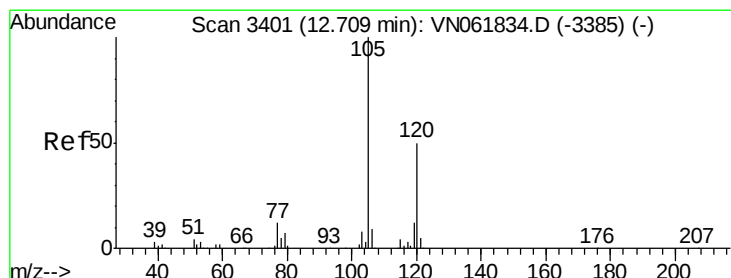
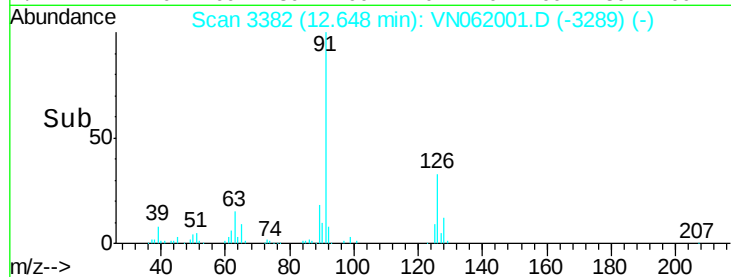
40000

20000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.869 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062001.D

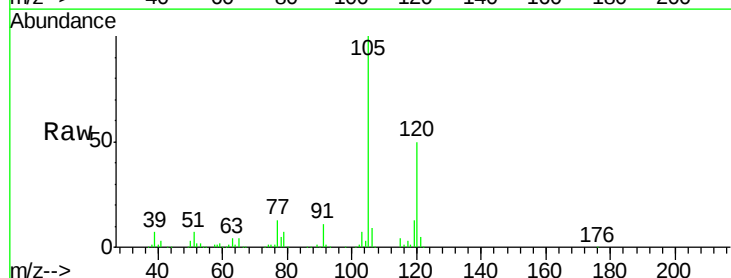
Acq: 22 Jun 2020 15:54

Tgt Ion:105 Resp: 149905

Ion Ratio Lower Upper

105 100

120 49.8 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) (-)

100000

80000

60000

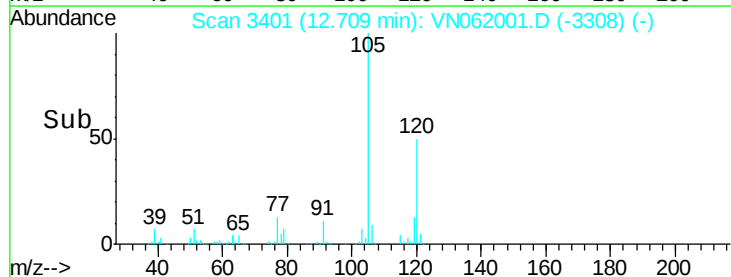
40000

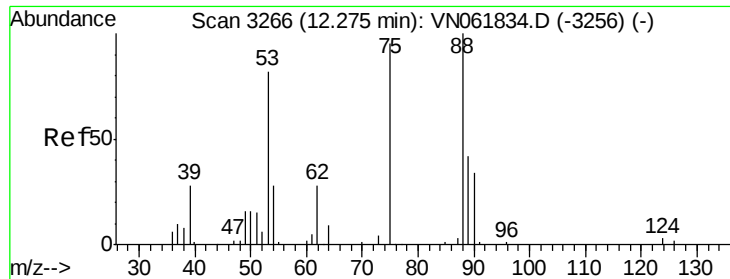
20000

0

12.65 12.70 12.75 12.80

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 21.607 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062001.D

Acq: 22 Jun 2020 15:54

Instrument :

MSVOA_N

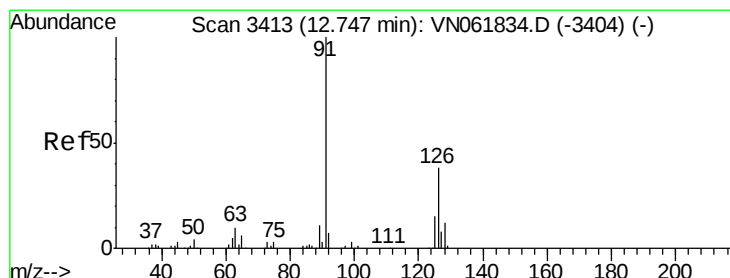
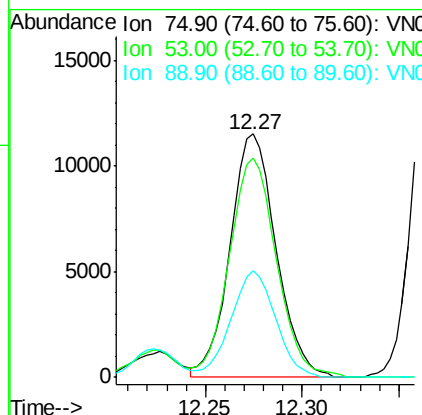
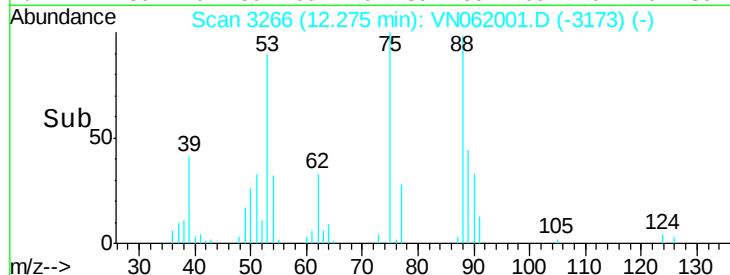
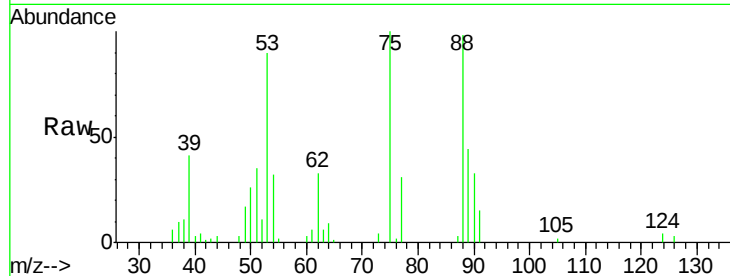
ClientSampleId :

VN0622WBSD01

Tot Ion:	75	Resp:	19003
Ion	Ratio	Lower	Upper
75	100		
53	92.8	70.4	105.6
89	42.3	36.0	54.0

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#82

4-Chlorotoluene

Concen: 21.201 ug/l

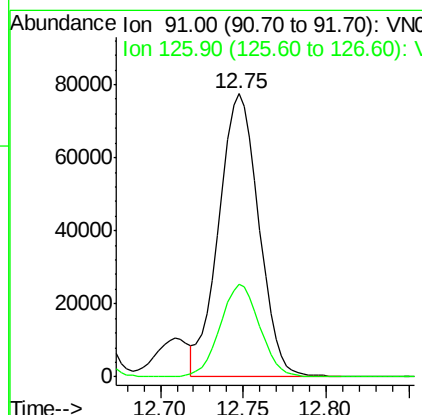
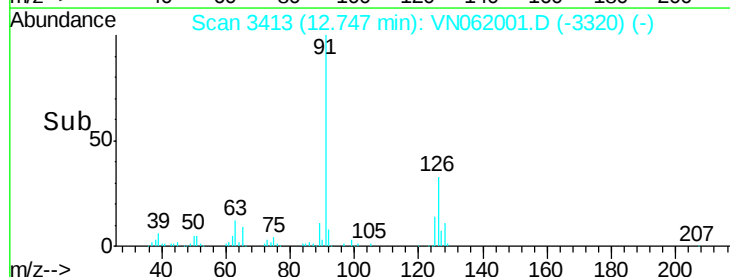
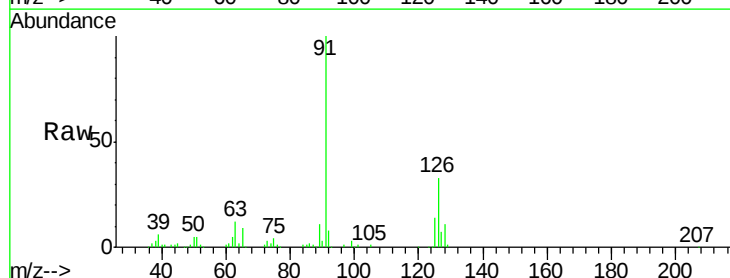
RT: 12.75 min Scan# 3413

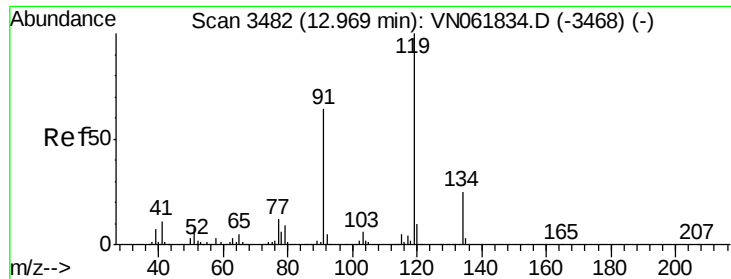
Delta R.T. -0.00 min

Lab File: VN062001.D

Acq: 22 Jun 2020 15:54

Tgt Ion:	91	Resp:	130351
Ion	Ratio	Lower	Upper
91	100		
126	32.4	17.2	51.6





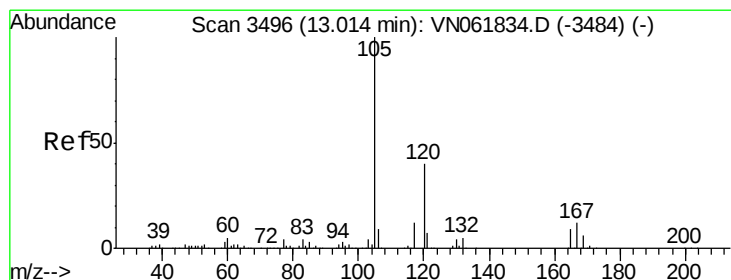
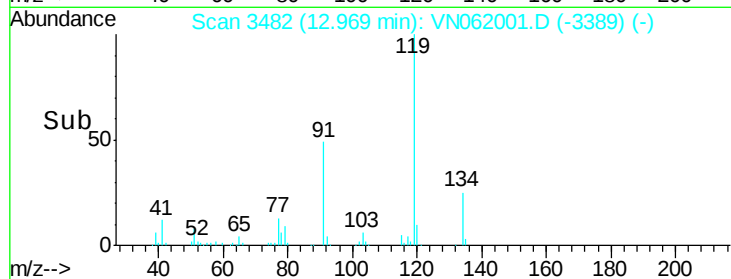
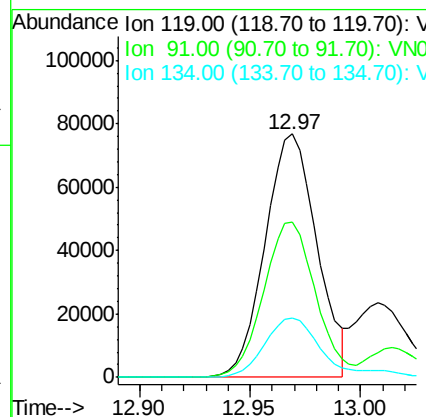
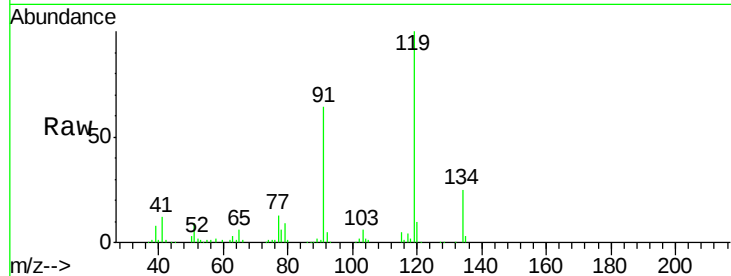
#83
 tert-Butylbenzene
 Concen: 20.540 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062001.D
 Acq: 22 Jun 2020 15:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.4	31.5	94.5
134	25.8	13.3	39.9

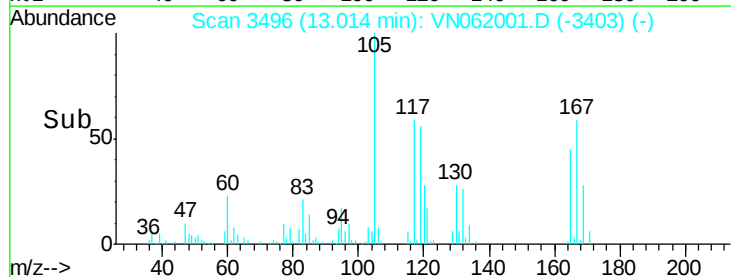
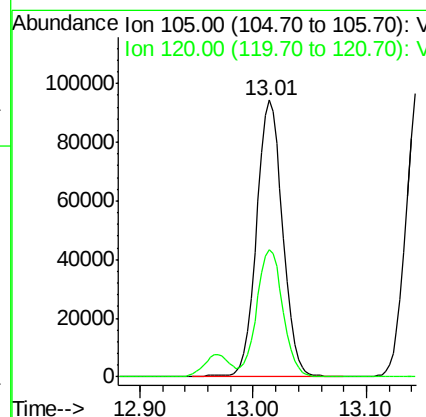
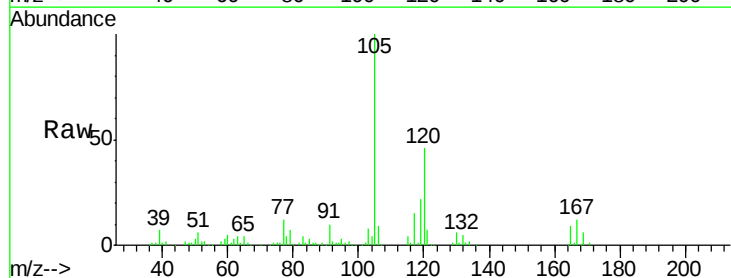
Manual Integrations
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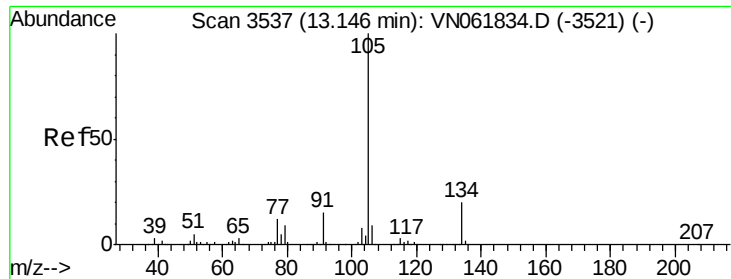
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.348 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062001.D
 Acq: 22 Jun 2020 15:54

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.3	23.3	69.9





#85

sec-Butylbenzene

Concen: 20.957 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062001.D

Acq: 22 Jun 2020 15:54

Instrument :

MSVOA_N

ClientSampleId :

VN0622WBSD01

Tot Ion:105 Resp: 167040

Ion Ratio Lower Upper

105 100

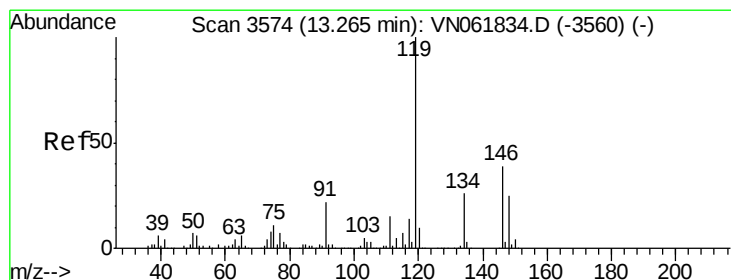
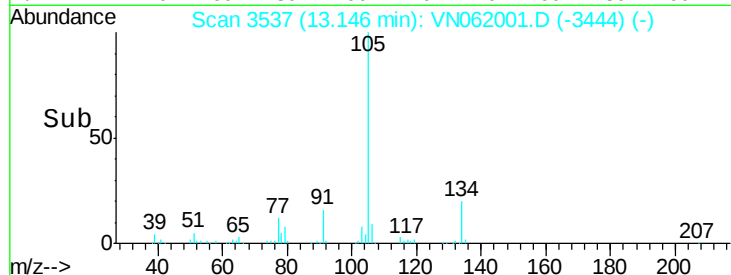
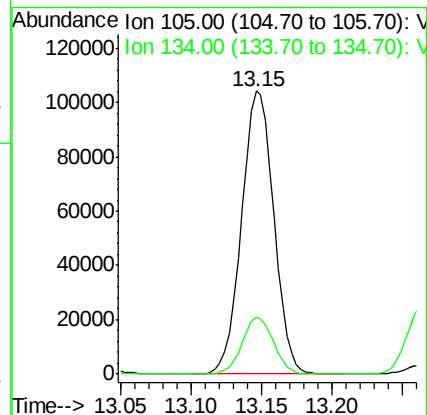
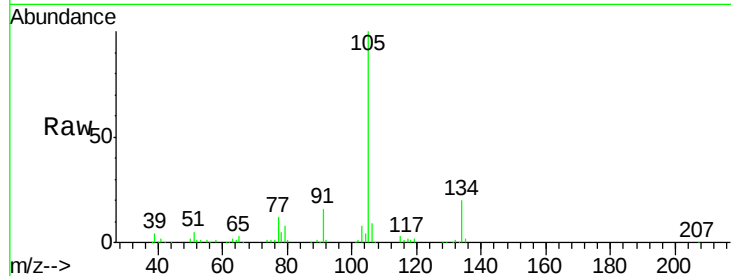
134 19.5 10.1 30.1

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#86

p-Isopropyltoluene

Concen: 20.814 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062001.D

Acq: 22 Jun 2020 15:54

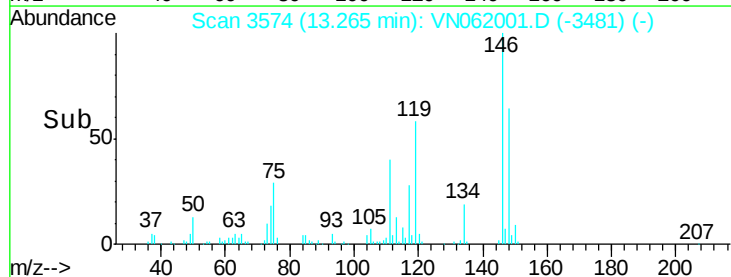
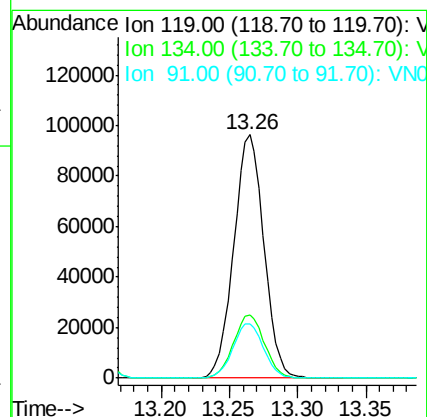
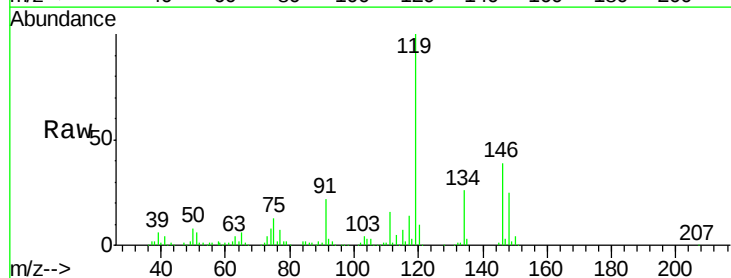
Tgt Ion:119 Resp: 147828

Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.9

91 23.3 11.2 33.6





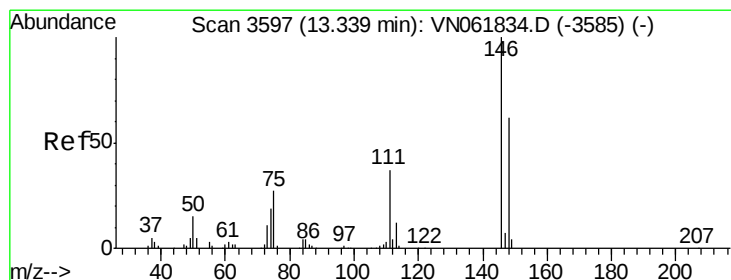
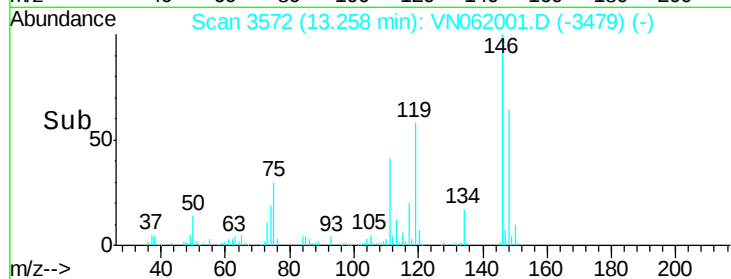
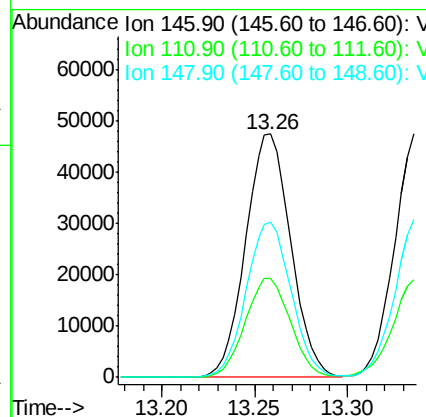
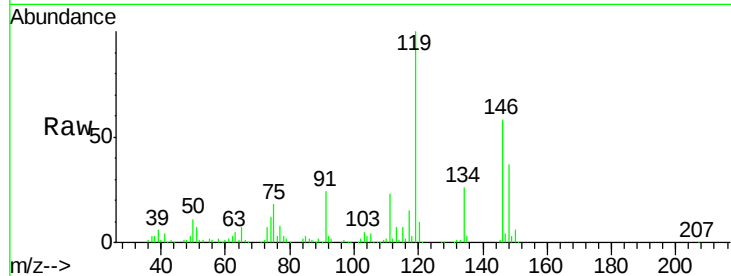
#87
 1,3-Dichlorobenzene
 Concen: 20.092 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062001.D
 Acq: 22 Jun 2020 15:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	19.6	58.8
148	63.3	31.8	95.4

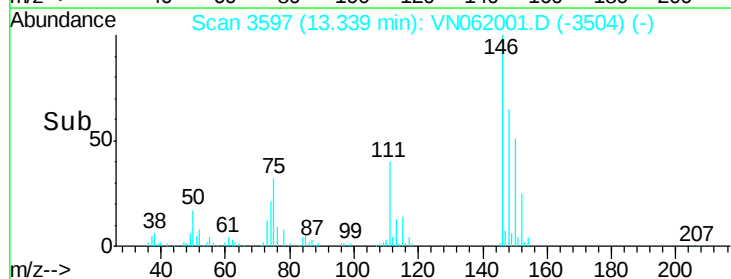
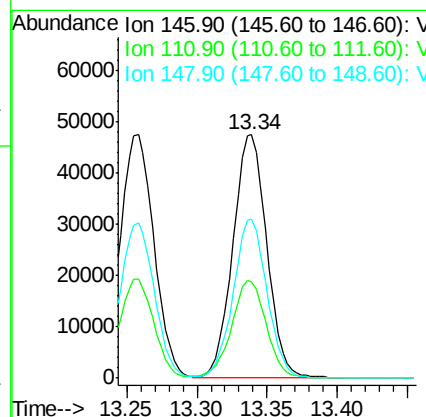
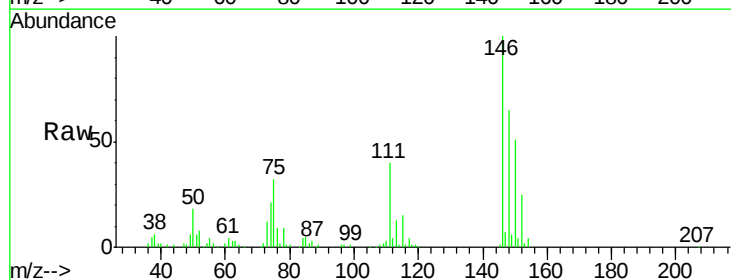
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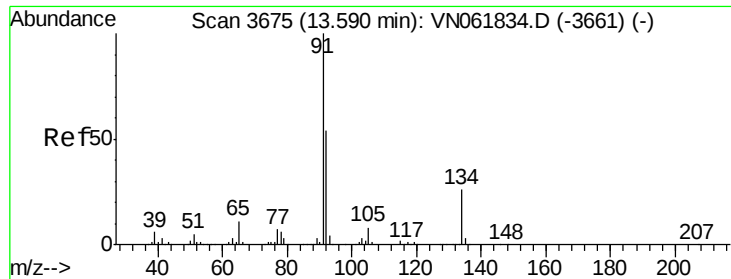
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#88
 1,4-Dichlorobenzene
 Concen: 19.585 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062001.D
 Acq: 22 Jun 2020 15:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.1	19.3	57.8
148	65.0	31.6	94.7





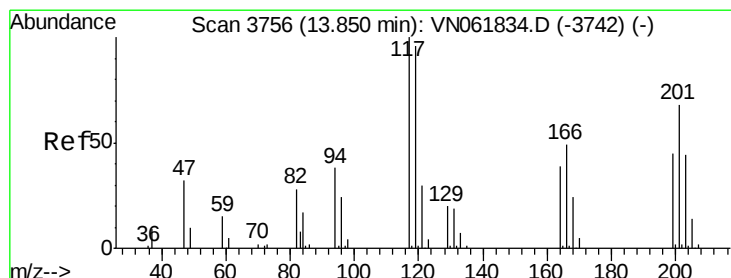
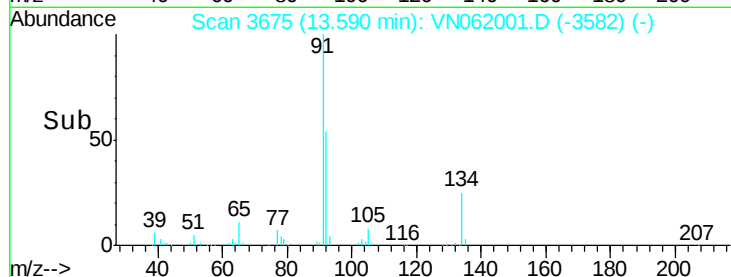
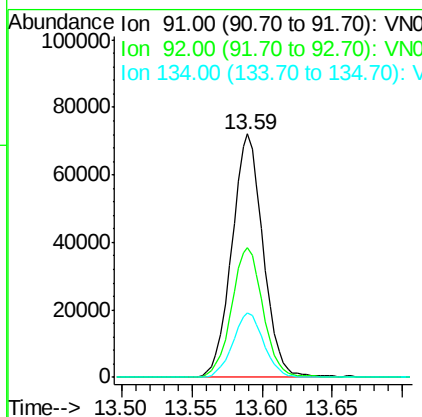
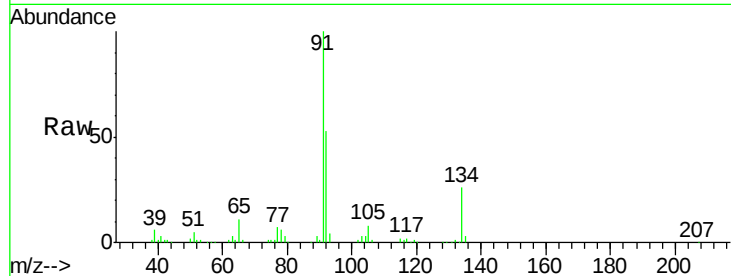
#89
n-Butylbenzene
Concen: 18.872 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062001.D
Acq: 22 Jun 2020 15:54

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.6	27.0	80.8
134	26.2	13.0	39.0

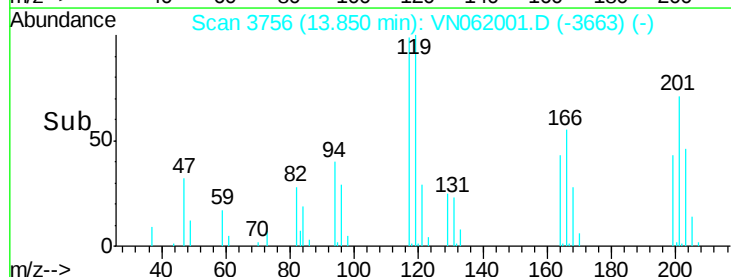
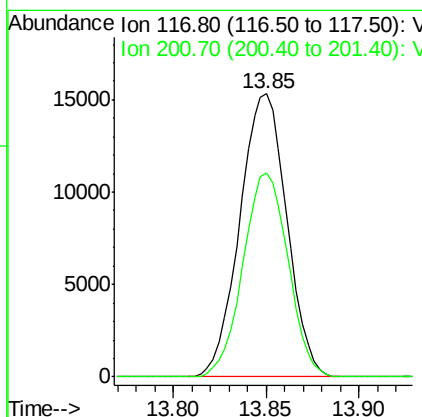
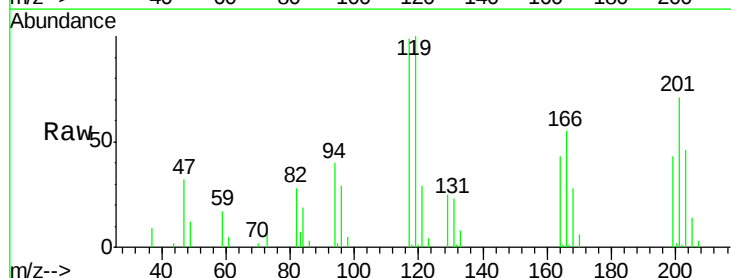
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#90
Hexachloroethane
Concen: 20.686 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062001.D
Acq: 22 Jun 2020 15:54

Tgt Ion	Ratio	Lower	Upper
117	100		
201	69.2	34.6	103.8





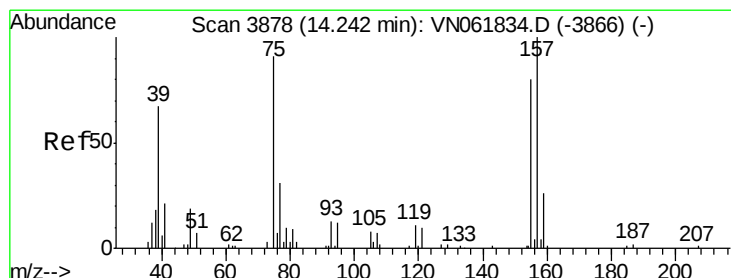
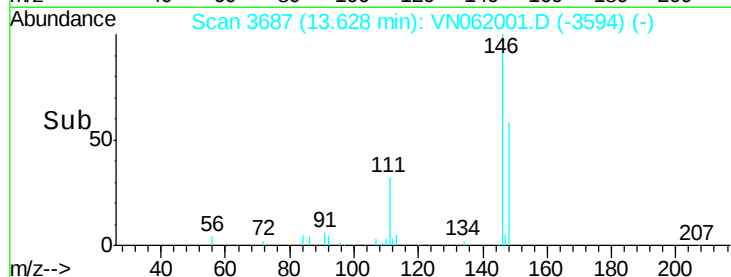
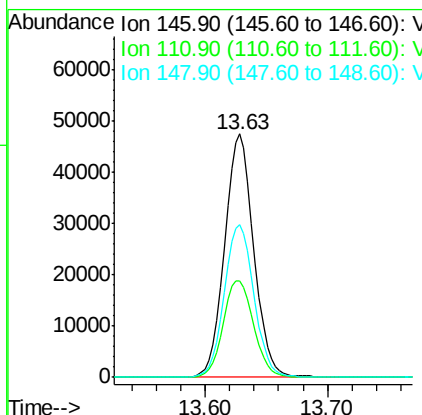
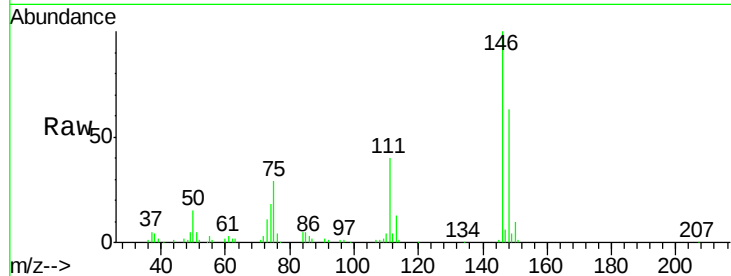
#91
 1,2-Dichlorobenzene
 Concen: 20.645 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062001.D
 Acq: 22 Jun 2020 15:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.4	61.2
148	64.0	31.8	95.4

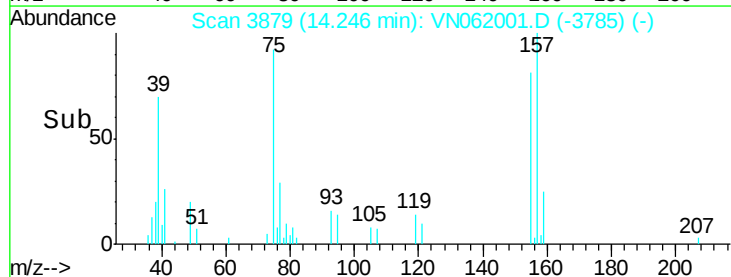
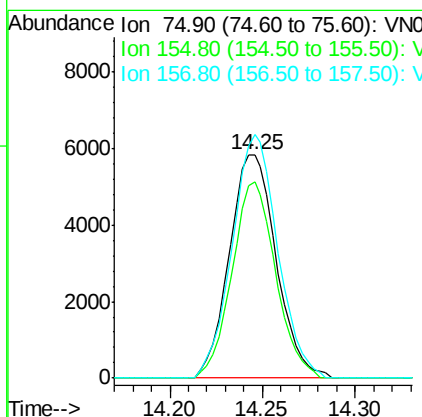
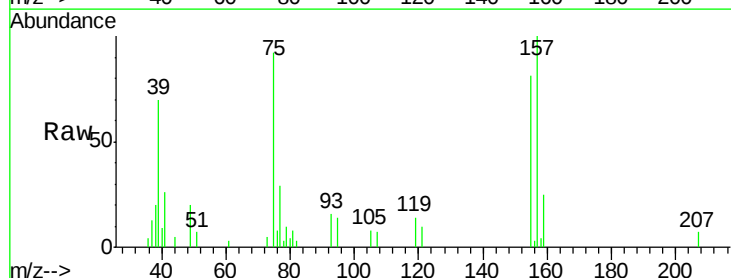
Manual Integrations
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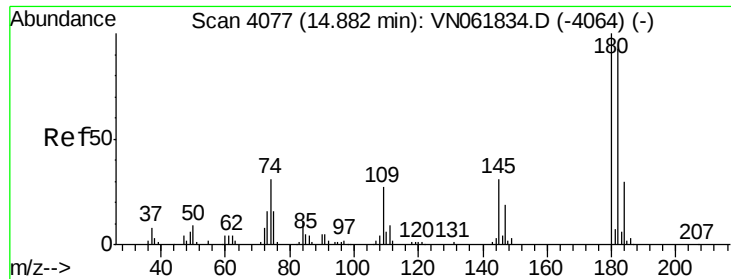
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.338 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN062001.D
 Acq: 22 Jun 2020 15:54

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.7	44.4	133.2
157	105.7	57.0	171.2





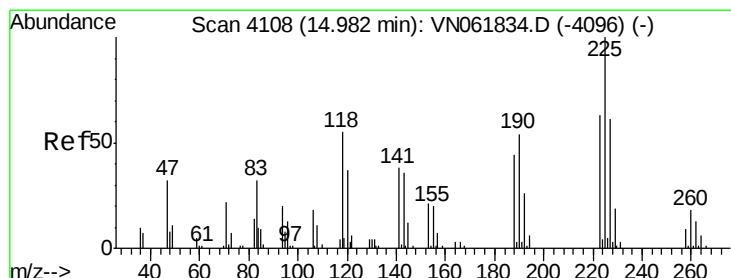
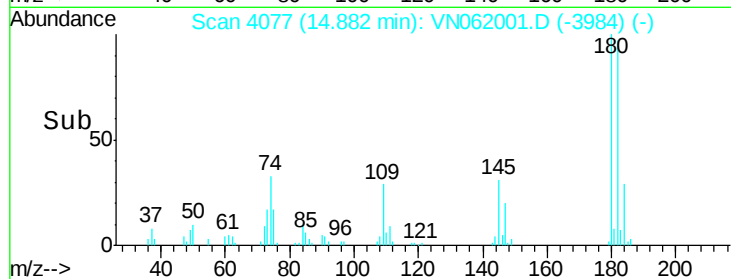
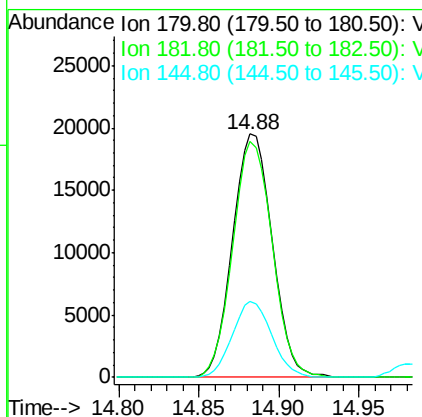
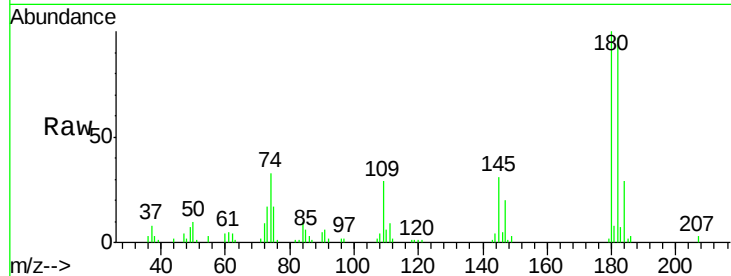
#93
 1,2,4-Trichlorobenzene
 Concen: 18.178 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN062001.D
 Acq: 22 Jun 2020 15:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.7	47.0	141.2
145	30.8	15.8	47.3

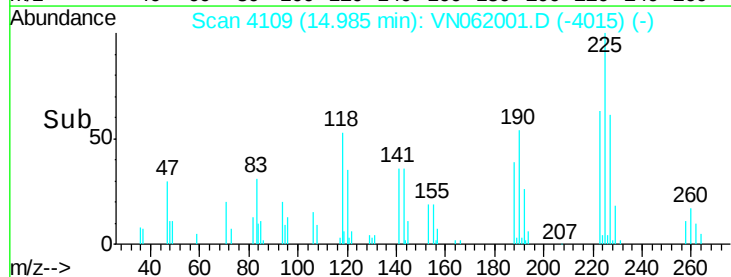
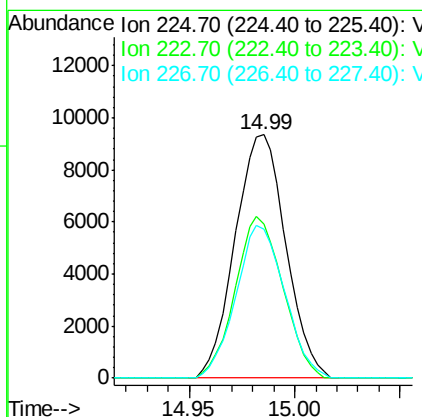
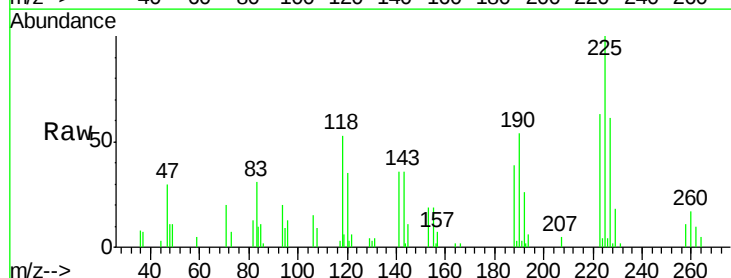
Manual Integrations
 APPROVED

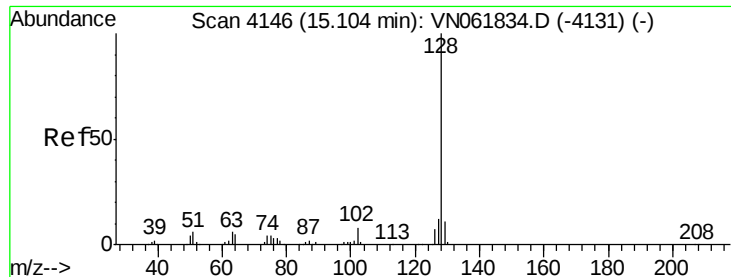
MMDadoda
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#94
 Hexachlorobutadiene
 Concen: 21.854 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN062001.D
 Acq: 22 Jun 2020 15:54

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	31.7	95.1
227	60.2	30.1	90.3





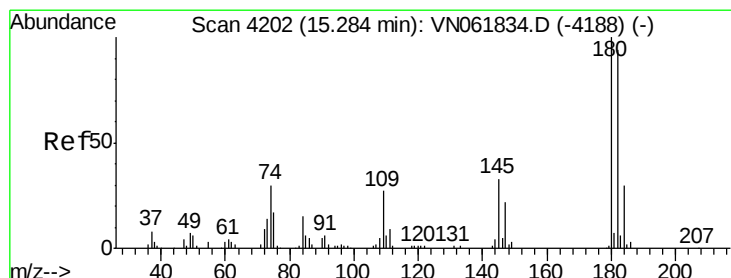
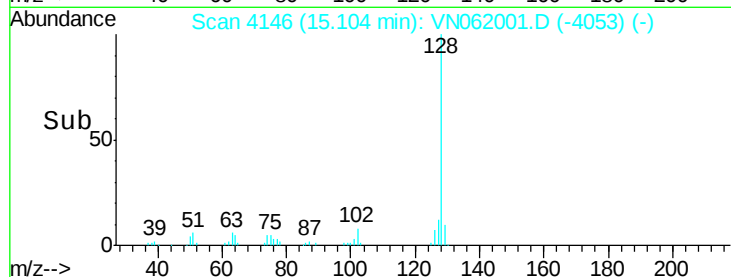
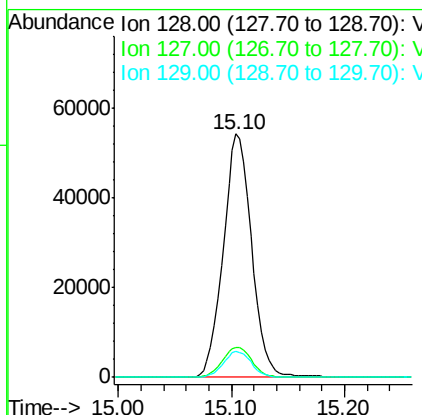
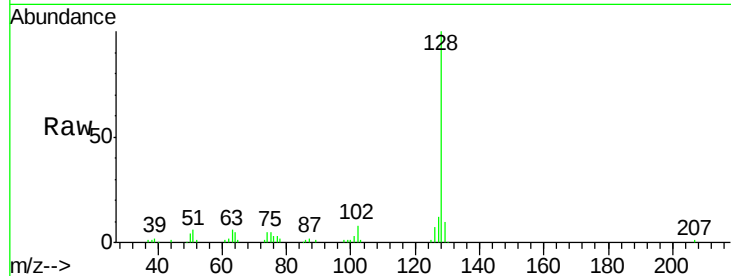
#95
Naphthalene
Concen: 17.984 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062001.D
Acq: 22 Jun 2020 15:54

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	10.4	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/23/2020 12:47:50 PM



#96
1,2,3-Trichlorobenzene
Concen: 19.191 ug/l
RT: 15.29 min Scan# 4203
Delta R.T. 0.00 min
Lab File: VN062001.D
Acq: 22 Jun 2020 15:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.8	47.9	143.6
145	32.9	16.5	49.5

