

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062420\
 Data File : VN062084.D
 Acq On : 25 Jun 2020 00:14
 Operator : JC/MD
 Sample : VN0624MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624MBS01

Manual Integrations
 APPROVED

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 6/25/2020 6:10:52 PM

Quant Time: Jun 25 05:43:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	235443	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	429906	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	395700	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	172671	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	165439	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	
35) Dibromofluoromethane	7.55	113	136182	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
50) Toluene-d8	10.06	98	514471	46.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.32%	
62) 4-Bromofluorobenzene	12.38	95	164969	44.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	46585	17.505	ug/l	100
3) Chloromethane	2.03	50	65110	19.978	ug/l	97
4) Vinyl Chloride	2.16	62	74080	17.676	ug/l	100
5) Bromomethane	2.53	94	46926	17.325	ug/l	99
6) Chloroethane	2.67	64	53473	18.678	ug/l	99
7) Trichlorofluoromethane	2.98	101	88012	17.043	ug/l	96
8) Diethyl Ether	3.37	74	35233	19.539	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	45928	16.983	ug/l	97
10) Methyl Iodide	3.91	142	47404	15.565	ug/l	99
11) Tert butyl alcohol	4.74	59	46956	98.982	ug/l	98
12) 1,1-Dichloroethene	3.70	96	49311	18.240	ug/l	97
13) Acrolein	3.57	56	39556	85.166	ug/l	99
14) Allyl chloride	4.27	41	64858	17.621	ug/l	97
15) Acrylonitrile	4.93	53	125115	96.784	ug/l	100
16) Acetone	3.78	43	97894	91.829	ug/l	98
17) Carbon Disulfide	4.01	76	140220	18.140	ug/l	97
18) Methyl Acetate	4.28	43	48129	18.324	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	167176	19.352	ug/l	99
20) Methylene Chloride	4.50	84	59625	19.526	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	53515	17.376	ug/l	98
22) Diisopropyl ether	5.90	45	159423	19.023	ug/l	97
23) Vinyl Acetate	5.84	43	650373	95.052	ug/l	99
24) 1,1-Dichloroethane	5.80	63	98151	18.187	ug/l	98
25) 2-Butanone	6.79	43	152064	94.158	ug/l	99
26) 2,2-Dichloropropane	6.78	77	67945	15.109	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	62314	17.981	ug/l	98
28) Bromochloromethane	7.15	49	39096	16.697	ug/l	99
29) Tetrahydrofuran	7.17	42	101066	95.536	ug/l	98
30) Chloroform	7.33	83	100909	18.378	ug/l	98
31) Cyclohexane	7.61	56	78491	17.195	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	83006	17.926	ug/l	100
36) 1,1-Dichloropropene	7.75	75	70149	16.234	ug/l	99
37) Ethyl Acetate	6.88	43	67447	18.849	ug/l	98
38) Carbon Tetrachloride	7.73	117	69219	16.991	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	73921	15.613	ug/l	100
40) Benzene	8.00	78	227971	17.309	ug/l	100
41) Methacrylonitrile	7.13	41	28746	17.329	ug/l	98
42) 1,2-Dichloroethane	8.08	62	81957	18.418	ug/l	99
43) Isopropyl Acetate	8.13	43	105906	18.156	ug/l #	88
44) Trichloroethene	8.80	130	55784	16.790	ug/l	100
45) 1,2-Dichloropropane	9.08	63	58683	18.060	ug/l	94
46) Dibromomethane	9.17	93	39813	18.072	ug/l	98
47) Bromodichloromethane	9.37	83	79703	17.918	ug/l	100
48) Methyl methacrylate	9.17	41	47344	18.102	ug/l	98
49) 1,4-Dioxane	9.17	88	21092	363.662	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	322818	94.724	ug/l	99
52) Toluene	10.12	92	141176	17.567	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	81642	16.682	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	90320	17.335	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	57209	18.110	ug/l	98
56) Ethyl methacrylate	10.40	69	76904	18.242	ug/l	97
57) 1,3-Dichloropropane	10.68	76	98569	18.128	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	139591	88.865	ug/l	99
59) 2-Hexanone	10.72	43	225785	91.749	ug/l	100
60) Dibromochloromethane	10.87	129	60665	18.139	ug/l	98
61) 1,2-Dibromoethane	10.98	107	58367	17.982	ug/l	99
64) Tetrachloroethene	10.60	164	45215	16.728	ug/l	97
65) Chlorobenzene	11.41	112	149273	17.178	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	53063	17.659	ug/l	100
67) Ethyl Benzene	11.48	91	254224	17.323	ug/l	99
68) m/p-Xylenes	11.60	106	194158	34.205	ug/l	100
69) o-Xylene	11.92	106	92464	17.265	ug/l	98
70) Styrene	11.94	104	155405	17.399	ug/l	99
71) Bromoform	12.10	173	38360	17.955	ug/l #	98
73) Isopropylbenzene	12.22	105	241281	18.052	ug/l	99
74) N-amyl acetate	12.05	43	80989	18.703	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	84679	19.038	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	71361m	17.556	ug/l	
77) Bromobenzene	12.50	156	59639	17.972	ug/l	98
78) n-propylbenzene	12.57	91	269949	17.657	ug/l	99
79) 2-Chlorotoluene	12.65	91	164697	17.819	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	197054	18.186	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	22711	16.317	ug/l	93
82) 4-Chlorotoluene	12.75	91	164124	17.171	ug/l	100
83) tert-Butylbenzene	12.97	119	163369	17.618	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	194601	17.983	ug/l	99
85) sec-Butylbenzene	13.15	105	214038	17.468	ug/l	100
86) p-Isopropyltoluene	13.26	119	186851	17.406	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	101340	17.391	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	97550	16.241	ug/l	95
89) n-Butylbenzene	13.59	91	142278	15.942	ug/l	100
90) Hexachloroethane	13.85	117	35954	17.070	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	97801	17.308	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.25	75	14479	20.320	ug/l	94

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	40878	16.560	ug/l	98
94) Hexachlorobutadiene	14.98	225	17820	16.621	ug/l	100
95) Naphthalene	15.11	128	122340	17.672	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	42806	16.959	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: VN062084.D

Acq: 25 Jun 2020 00:14

Instrument :

MSVOA_N

ClientSampleId :

VN0624MBS01

Tot Ion:168 Resp: 235443

Ion Ratio Lower Upper

168 100

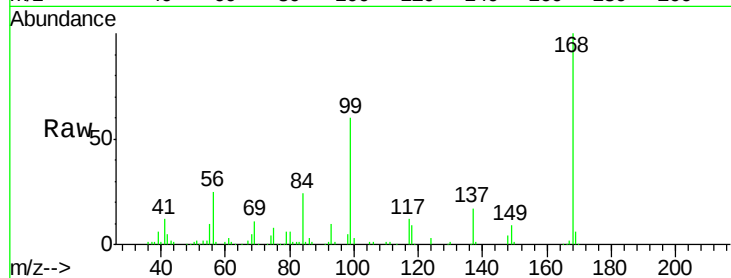
99 60.5 45.8 68.8

Manual Integrations

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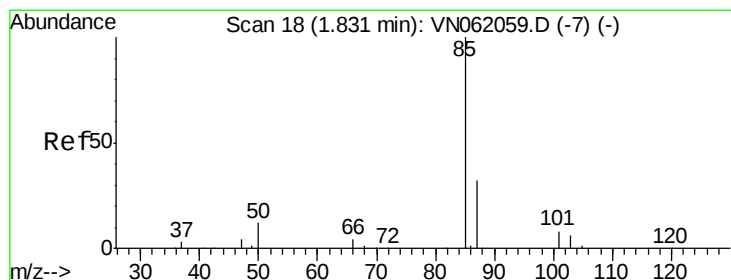
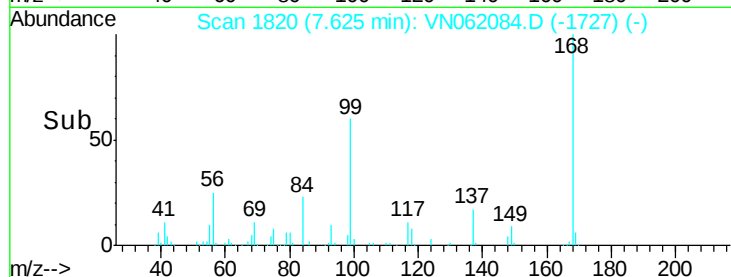
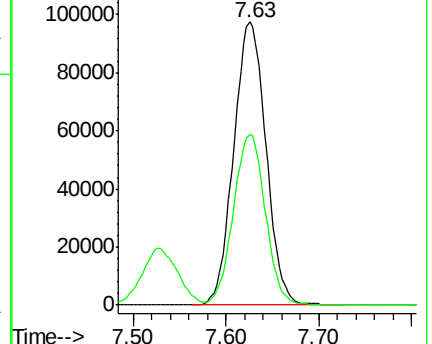
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 17.505 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062084.D

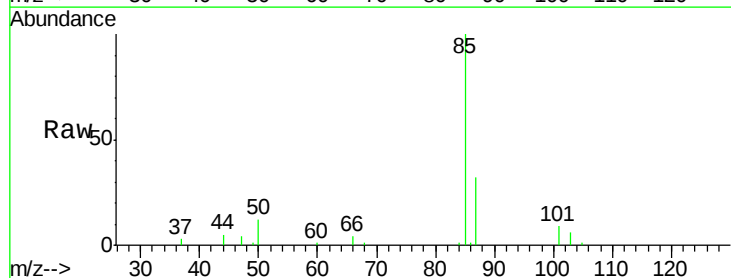
Acq: 25 Jun 2020 00:14

Tgt Ion: 85 Resp: 46585

Ion Ratio Lower Upper

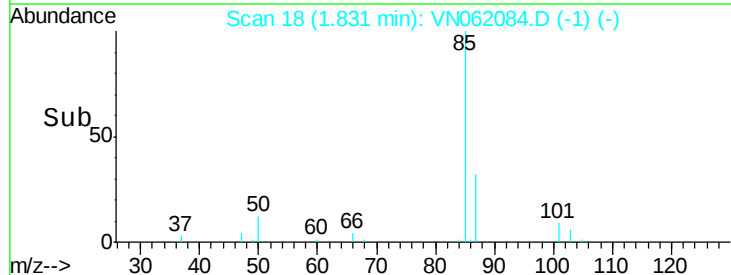
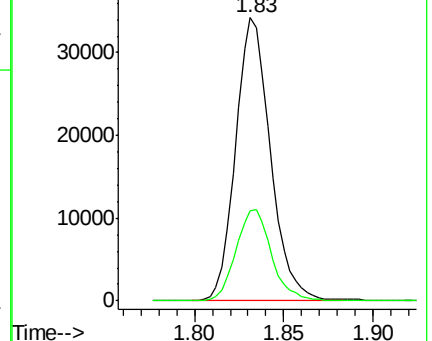
85 100

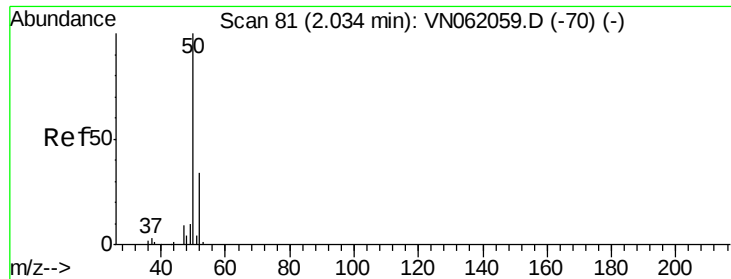
87 32.0 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 19.978 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062084.D

Acq: 25 Jun 2020 00:14

Instrument :

MSVOA_N

ClientSampleId :

VN0624MBS01

Tot Ion: 50 Resp: 65110

Ion Ratio Lower Upper

50 100

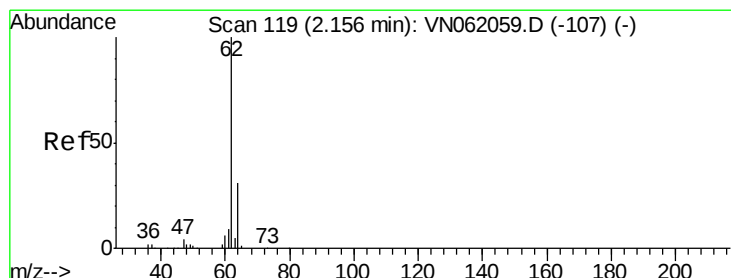
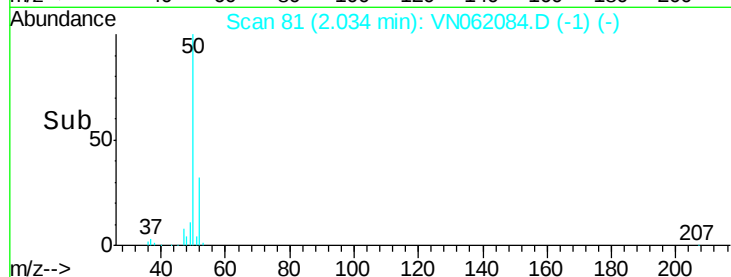
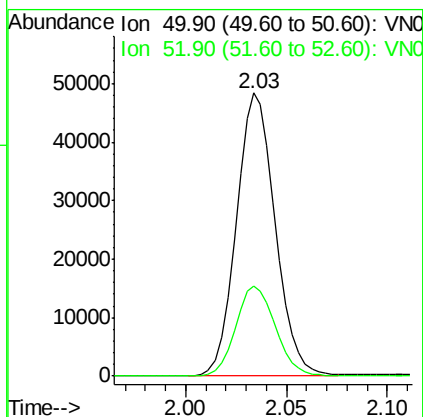
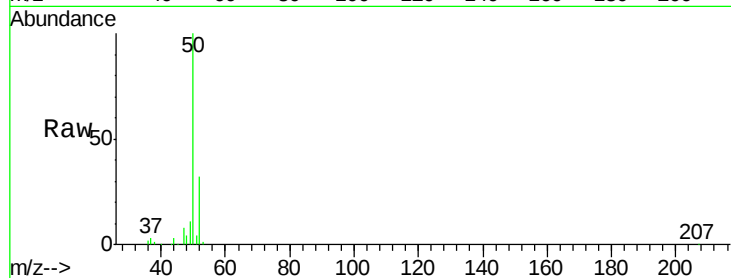
52 31.8 27.0 40.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 17.676 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062084.D

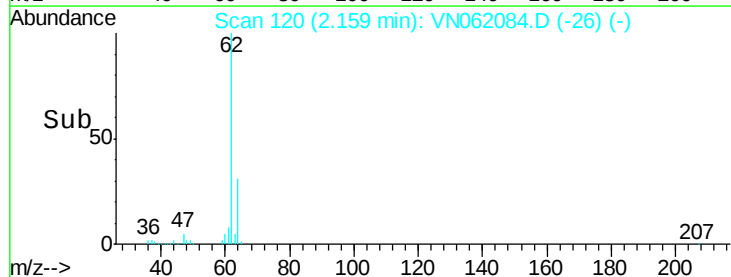
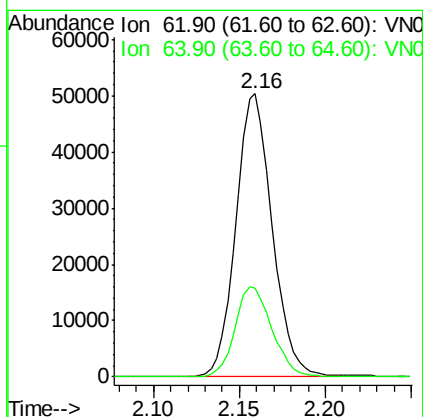
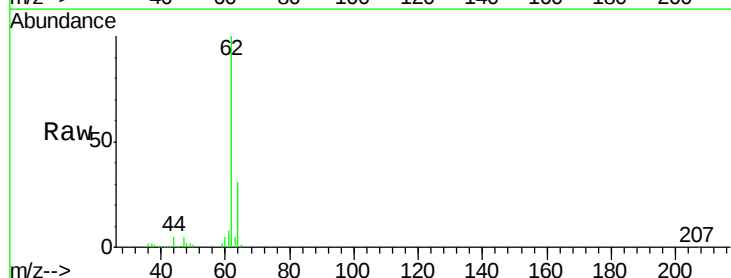
Acq: 25 Jun 2020 00:14

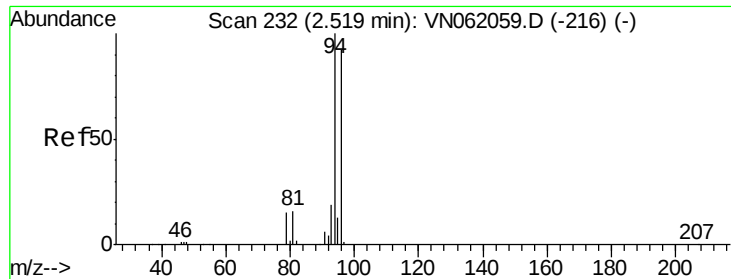
Tgt Ion: 62 Resp: 74080

Ion Ratio Lower Upper

62 100

64 31.3 25.1 37.7





#5

Bromomethane

Concen: 17.325 ug/l

RT: 2.53 min Scan# 235

Delta R.T. 0.01 min

Lab File: VN062084.D

Acq: 25 Jun 2020 00:14

Instrument :

MSVOA_N

ClientSampled :

VN0624MBS01

Tot Ion: 94 Resp: 46926

Ion Ratio Lower Upper

94 100

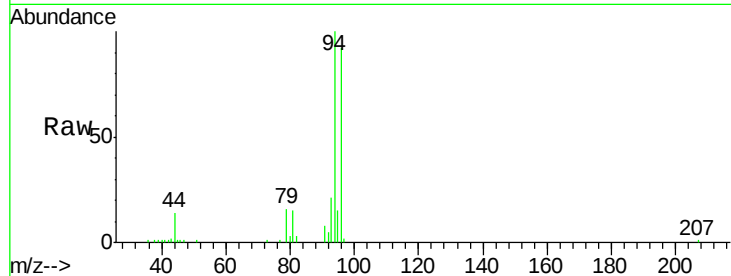
96 92.4 73.4 110.2

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VN062059.D (-216) (-)

Ion 95.90 (95.60 to 96.60): VN062059.D (-216) (-)

25000

20000

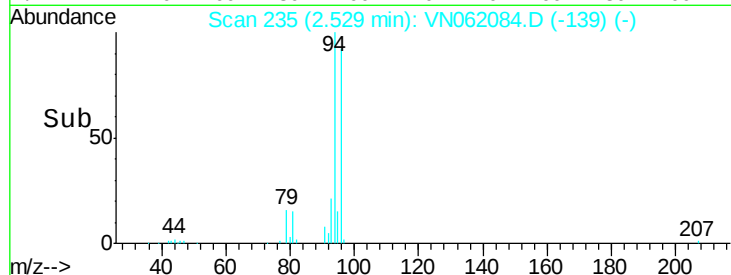
15000

10000

5000

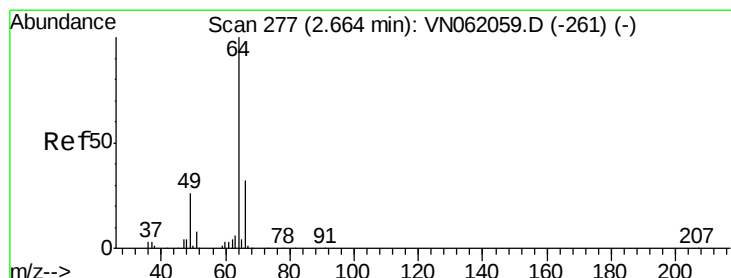
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Time-->



2.53

2.45 2.50 2.55 2.60 2.65



#6

Chloroethane

Concen: 18.678 ug/l

RT: 2.67 min Scan# 279

Delta R.T. 0.01 min

Lab File: VN062084.D

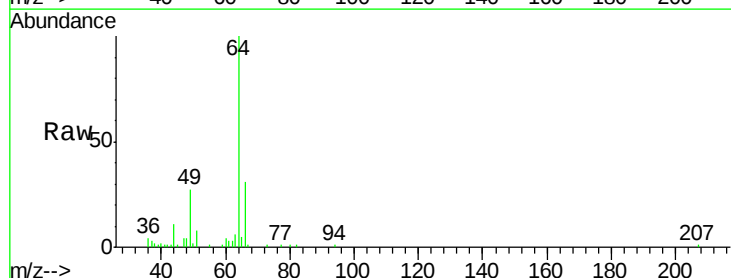
Acq: 25 Jun 2020 00:14

Tgt Ion: 64 Resp: 53473

Ion Ratio Lower Upper

64 100

66 31.5 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VN062059.D (-261) (-)

Ion 65.90 (65.60 to 66.60): VN062059.D (-261) (-)

30000

25000

20000

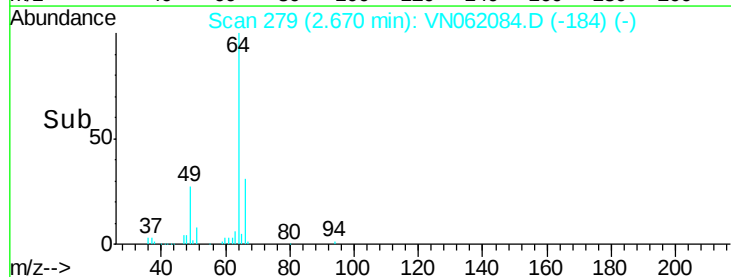
15000

10000

5000

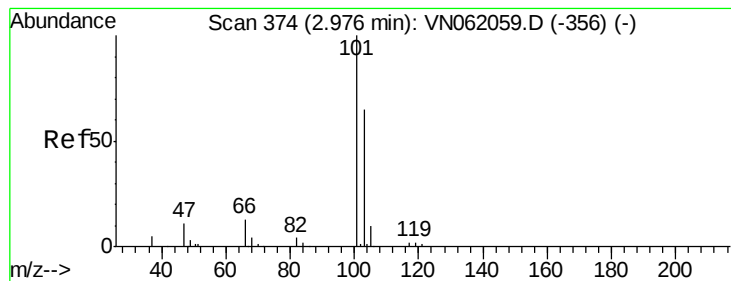
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Time-->



2.67

2.60 2.65 2.70 2.75



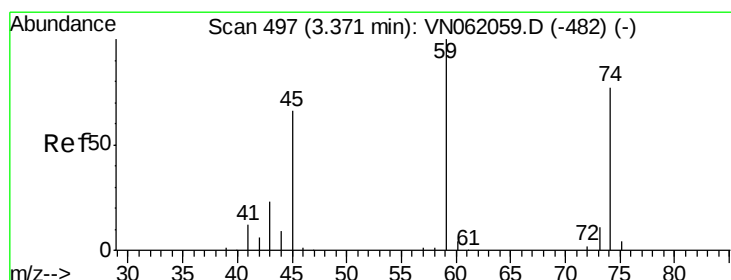
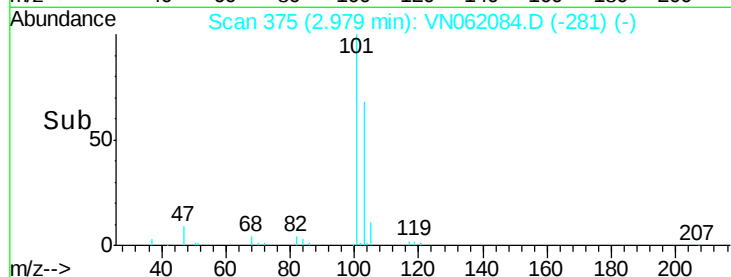
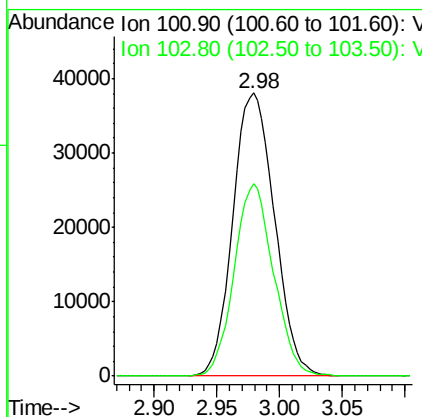
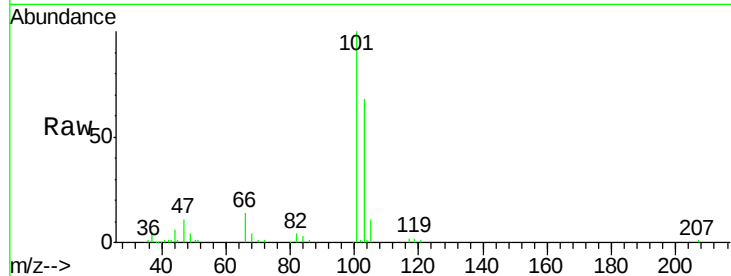
#7
 Trichlorofluoromethane
 Concen: 17.043 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. 0.00 min
 Lab File: VN062084.D
 Acq: 25 Jun 2020 00:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624MBS01

Tot Ion:101 Resp: 88012
 Ion Ratio Lower Upper
 101 100
 103 67.9 51.8 77.6

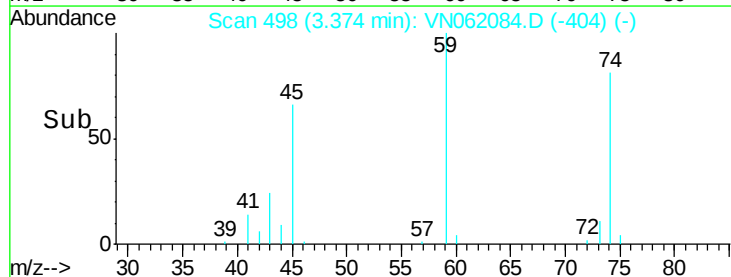
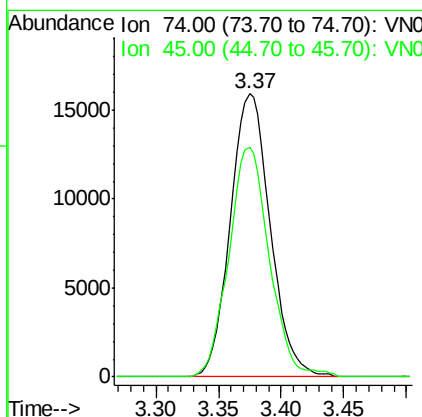
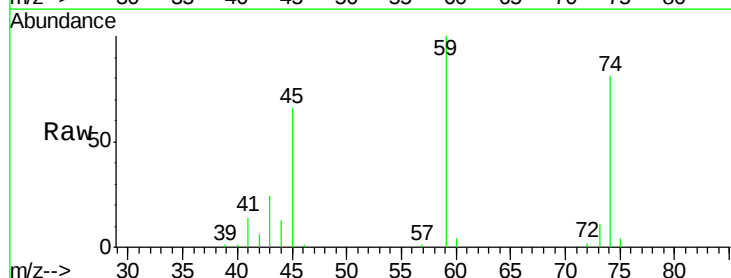
Manual Integrations
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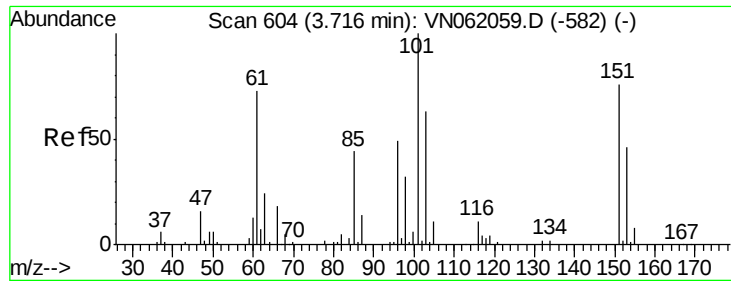
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#8
 Diethyl Ether
 Concen: 19.539 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN062084.D
 Acq: 25 Jun 2020 00:14

Tgt Ion: 74 Resp: 35233
 Ion Ratio Lower Upper
 74 100
 45 82.1 42.5 127.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.983 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN062084.D

Acq: 25 Jun 2020 00:14

Instrument :

MSVOA_N

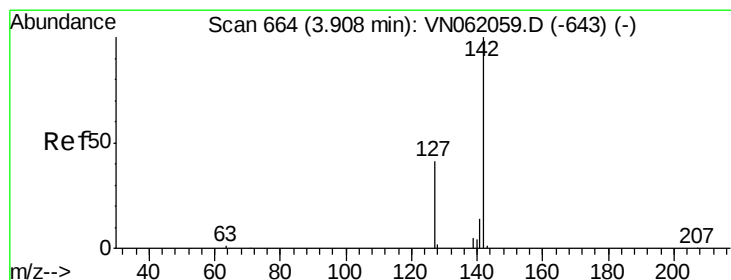
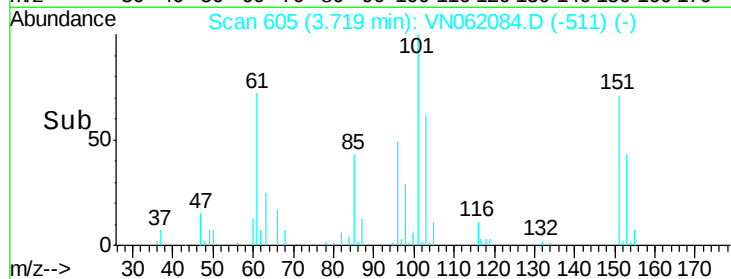
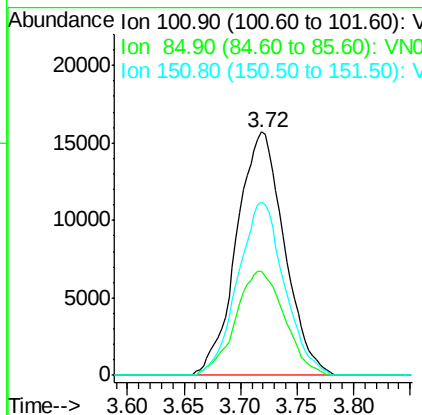
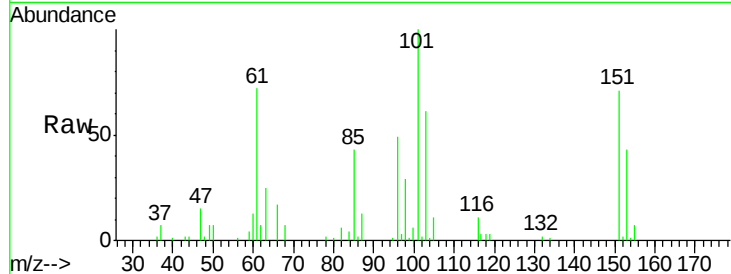
ClientSampleId :

VN0624MBS01

Tot Ion:	101	Resp:	45928
Ion Ratio	Lower	Upper	
101	100		
85	44.0	34.5	51.7
151	69.6	57.8	86.8

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#10

Methyl Iodide

Concen: 15.565 ug/l

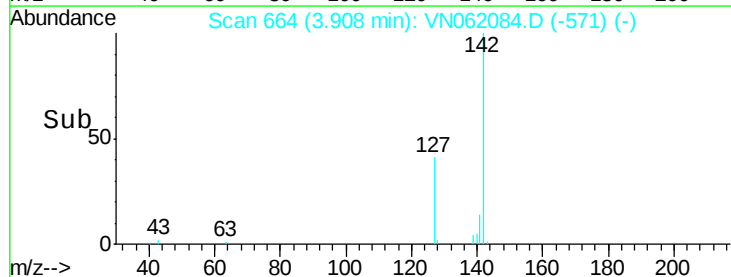
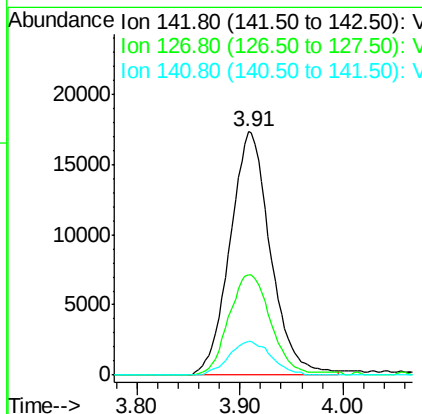
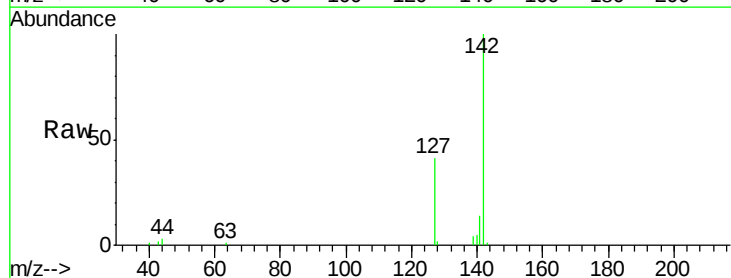
RT: 3.91 min Scan# 664

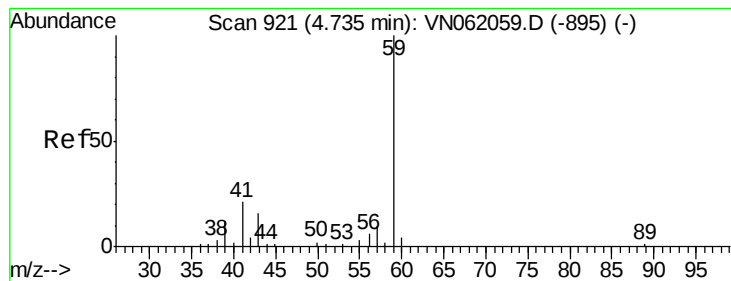
Delta R.T. -0.00 min

Lab File: VN062084.D

Acq: 25 Jun 2020 00:14

Tgt Ion:	142	Resp:	47404
Ion Ratio	Lower	Upper	
142	100		
127	42.4	33.6	50.4
141	14.5	11.3	16.9





#11

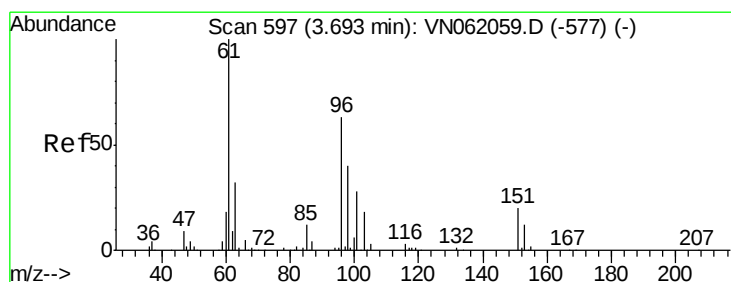
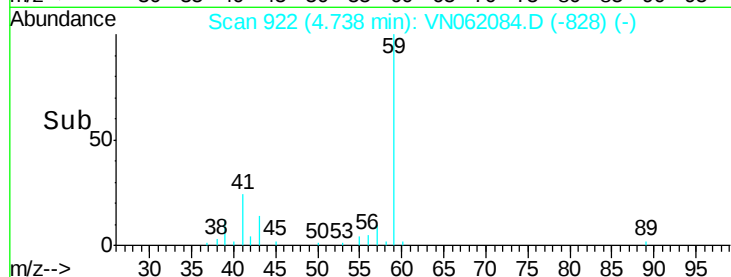
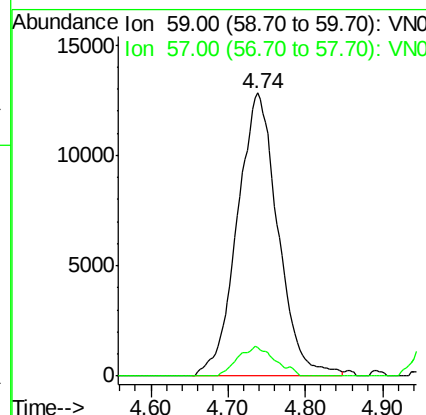
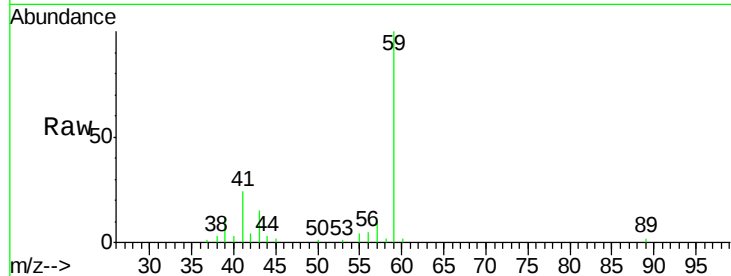
Tert butyl alcohol
 Concen: 98.982 ug/l
 RT: 4.74 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: VN062084.D
 Acq: 25 Jun 2020 00:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624MBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.5	8.3	12.5

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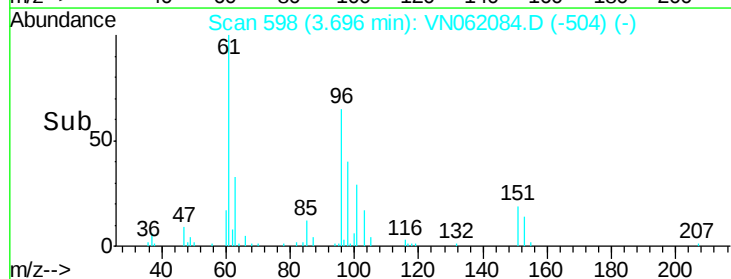
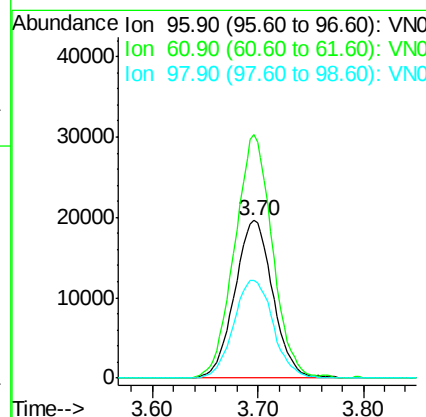
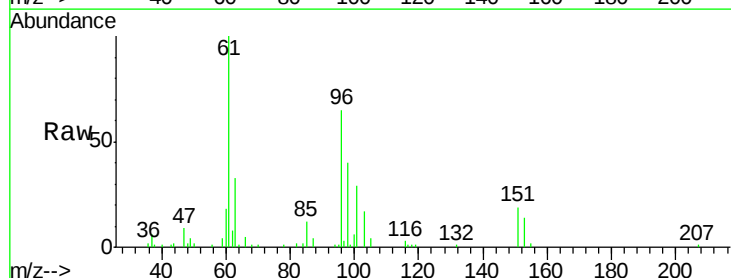
MMDadoda
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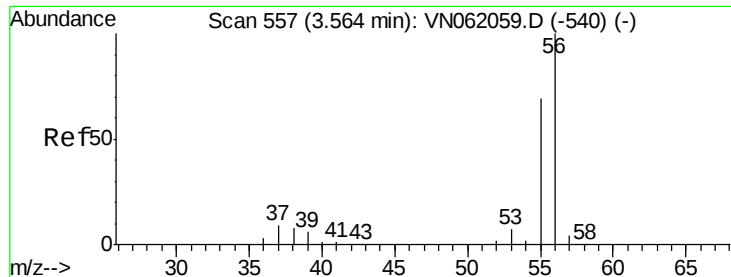


#12

1,1-Dichloroethene
 Concen: 18.240 ug/l
 RT: 3.70 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: VN062084.D
 Acq: 25 Jun 2020 00:14

Tgt Ion	Ratio	Lower	Upper
96	100		
61	154.5	126.7	190.1
98	61.9	51.0	76.4





#13

Acrolein

Concen: 85.166 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062084.D

Acq: 25 Jun 2020 00:14

Instrument :

MSVOA_N

ClientSampleId :

VN0624MBS01

Tot Ion: 56 Resp: 39556

Ion Ratio Lower Upper

56 100

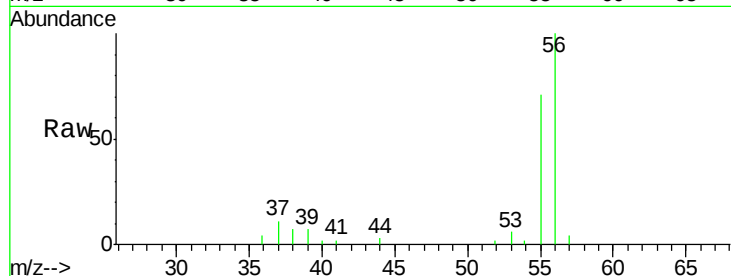
55 70.4 55.5 83.3

Manual Integrations

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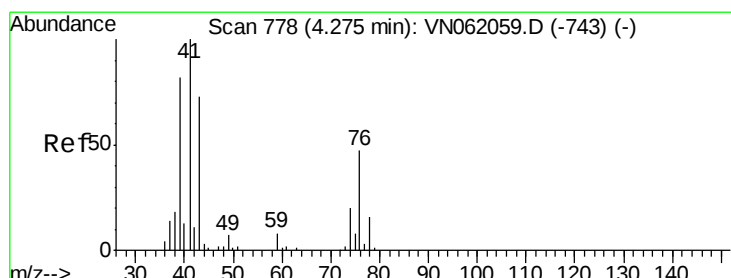
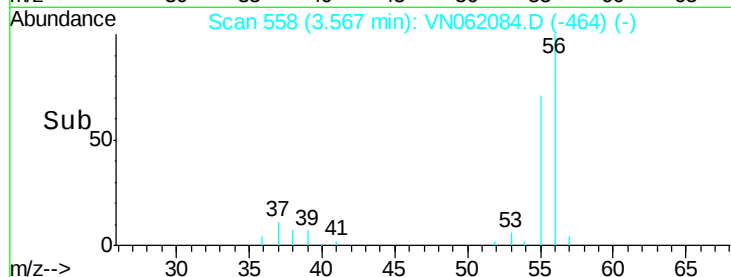
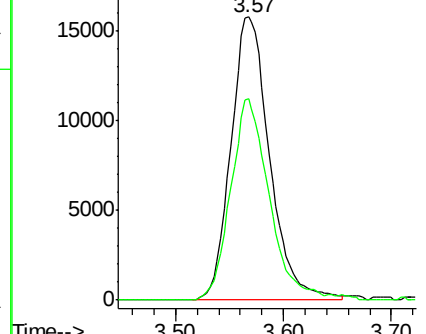
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VN062059.D (-540) (-)

Ion 55.00 (54.70 to 55.70): VN062059.D (-540) (-)



#14

Allyl chloride

Concen: 17.621 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062084.D

Acq: 25 Jun 2020 00:14

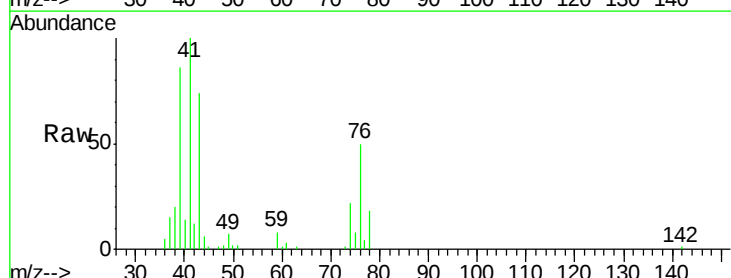
Tgt Ion: 41 Resp: 64858

Ion Ratio Lower Upper

41 100

39 77.0 60.0 90.0

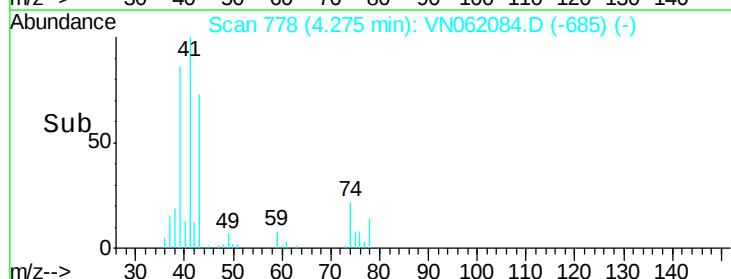
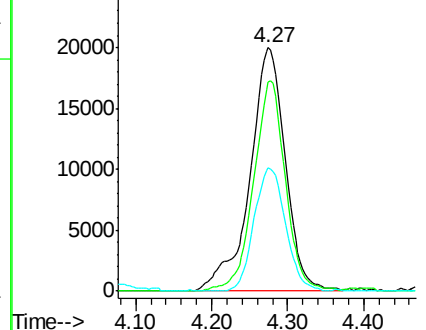
76 44.7 34.1 51.1



Abundance Ion 41.00 (40.70 to 41.70): VN062059.D (-743) (-)

Ion 39.00 (38.70 to 39.70): VN062059.D (-743) (-)

Ion 75.90 (75.60 to 76.60): VN062059.D (-743) (-)





#15

Acrylonitrile

Concen: 96.784 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN062084.D

Acq: 25 Jun 2020 00:14

Instrument :

MSVOA_N

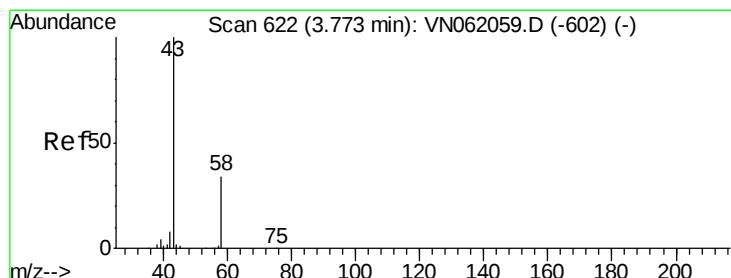
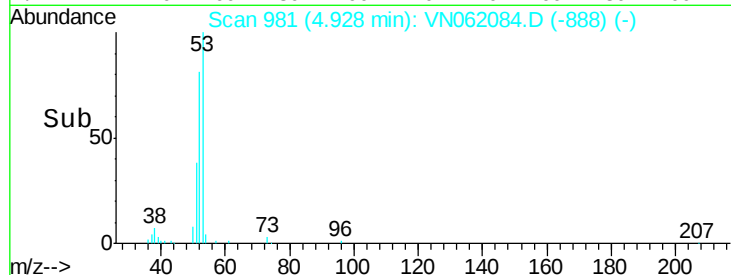
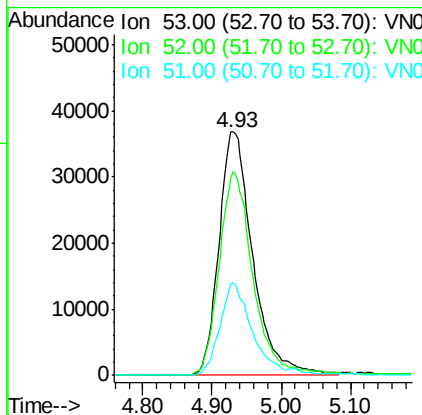
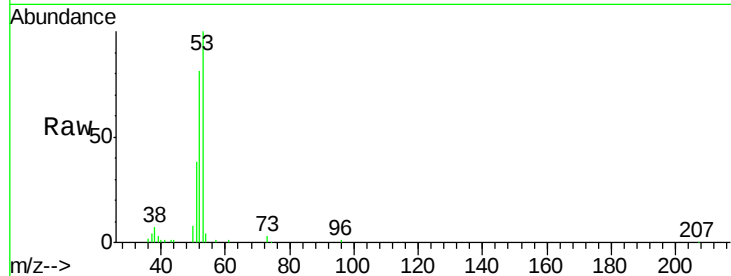
ClientSampleId :

VN0624MBS01

Tot Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.2	99.4
51	35.7	28.9	43.3

Manual Integrations
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#16

Acetone

Concen: 91.829 ug/l

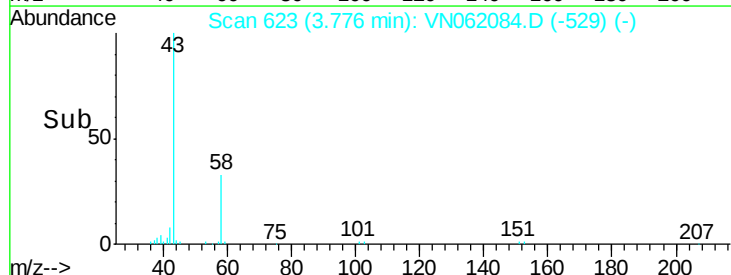
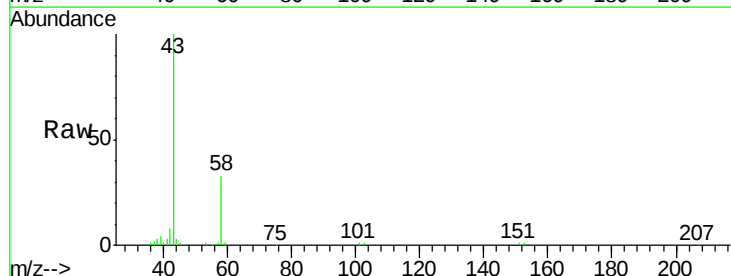
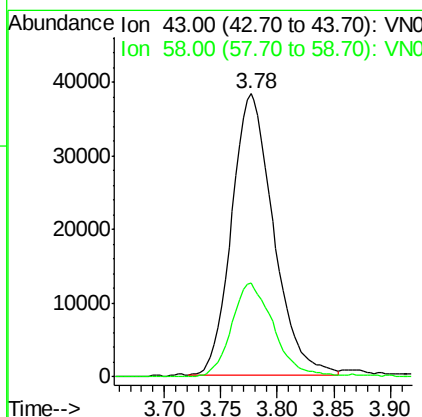
RT: 3.78 min Scan# 623

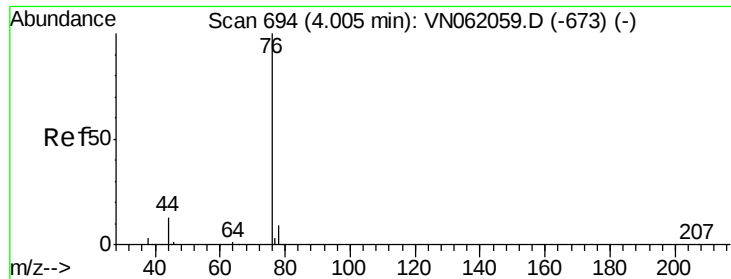
Delta R.T. 0.00 min

Lab File: VN062084.D

Acq: 25 Jun 2020 00:14

Tgt Ion	Ratio	Lower	Upper
43	100		
58	33.3	27.5	41.3





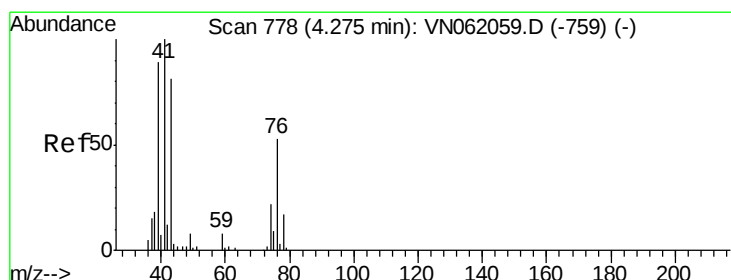
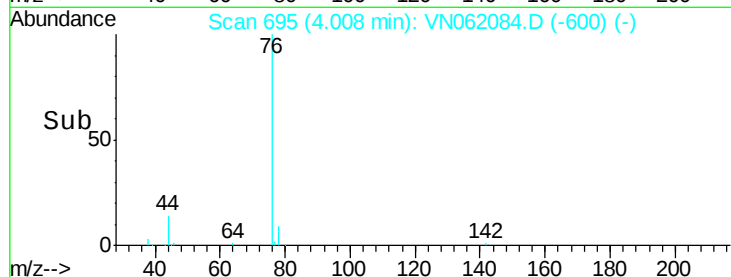
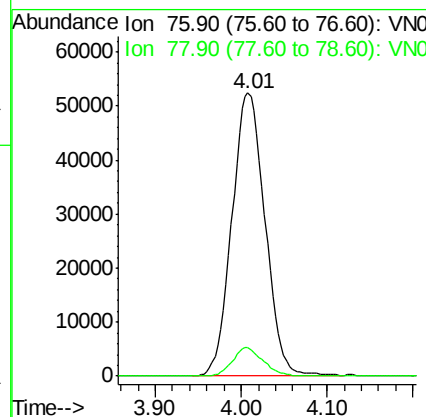
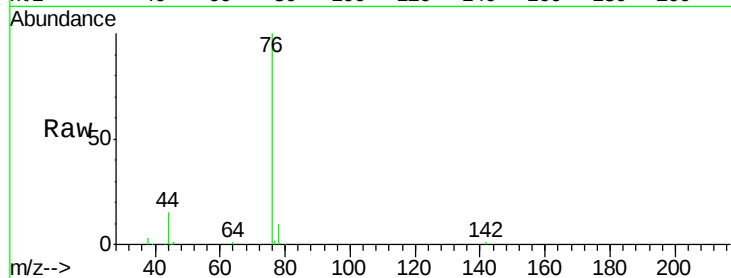
#17
Carbon Disulfide
Concen: 18.140 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN062084.D
Acq: 25 Jun 2020 00:14

Instrument :
MSVOA_N
ClientSampleId :
VN0624MBS01

Tot Ion: 76 Resp: 140220
Ion Ratio Lower Upper
76 100
78 10.0 7.2 10.8

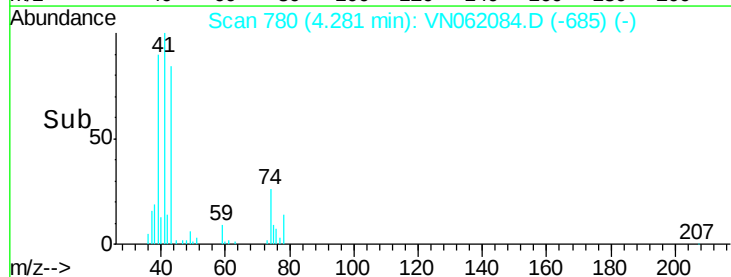
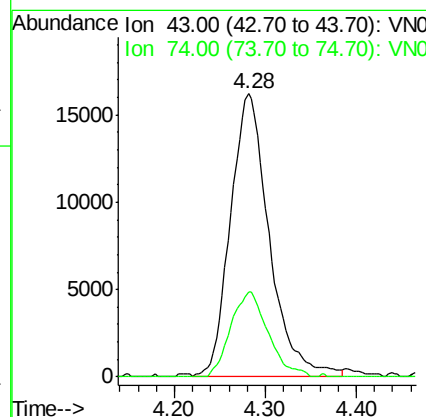
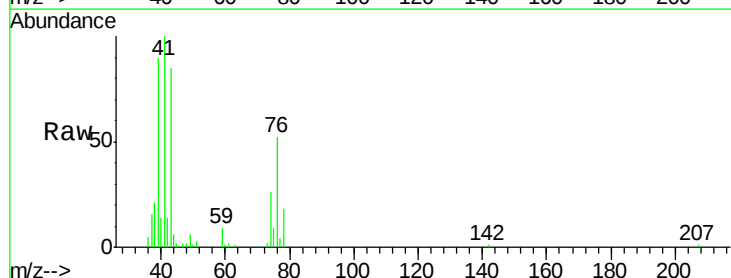
Manual Integrations
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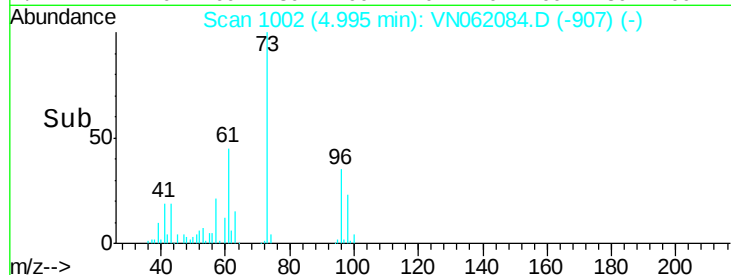
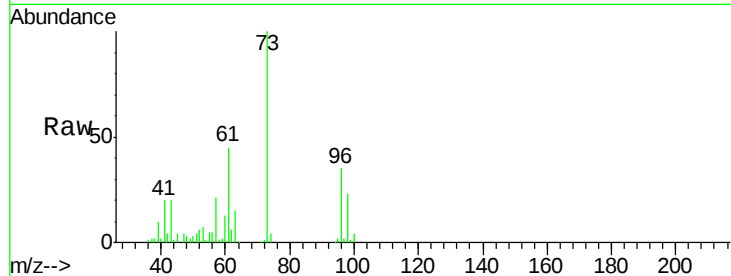
MMDadoda
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#18
Methyl Acetate
Concen: 18.324 ug/l
RT: 4.28 min Scan# 780
Delta R.T. 0.01 min
Lab File: VN062084.D
Acq: 25 Jun 2020 00:14

Tgt Ion: 43 Resp: 48129
Ion Ratio Lower Upper
43 100
74 28.9 22.9 34.3





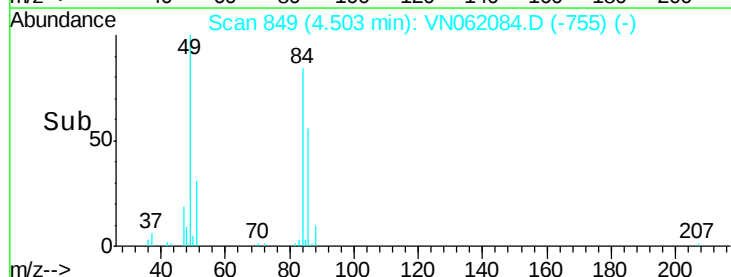
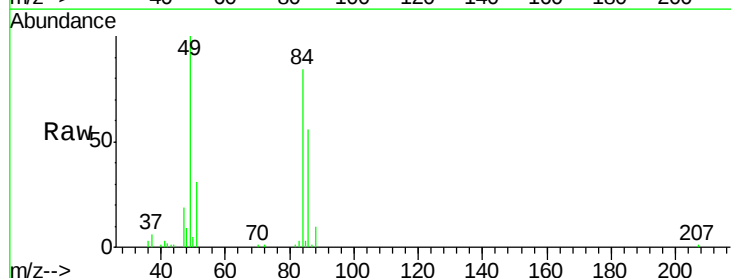
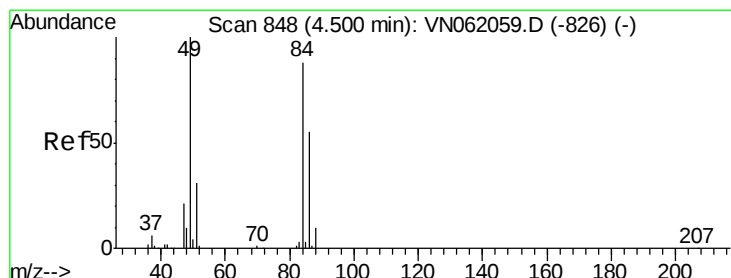
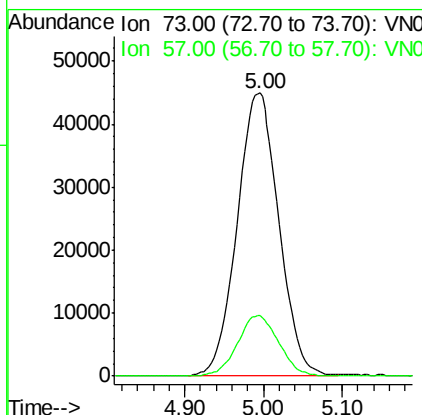
#19
Methvl tert-butvl Ether
Concen: 19.352 ug/l
RT: 5.00 min Scan# 1002
Delta R.T. 0.01 min
Lab File: VN062084.D
Acq: 25 Jun 2020 00:14

Tot Ion: 73 Resp: 167176
Ion Ratio Lower Upper
73 100
57 21.3 16.6 24.8

Instrument :
MSVOA_N
ClientSampleId :
VN0624MBS01

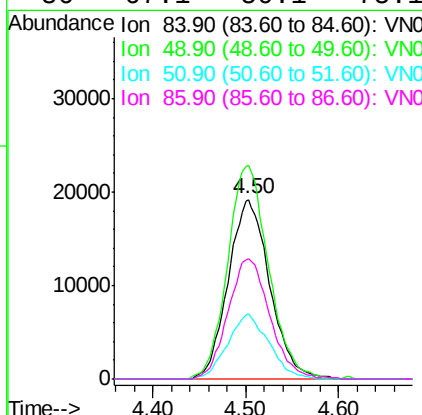
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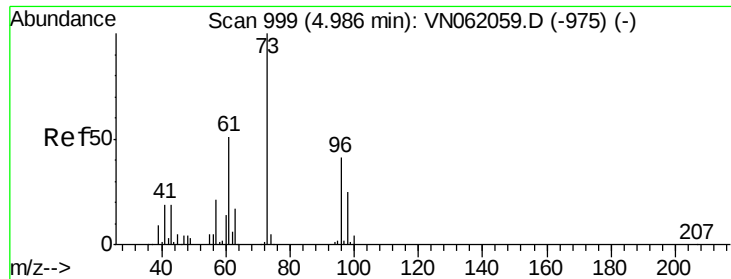
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#20
Methylene Chloride
Concen: 19.526 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN062084.D
Acq: 25 Jun 2020 00:14

Tgt Ion: 84 Resp: 59625
Ion Ratio Lower Upper
84 100
49 119.0 90.6 136.0
51 36.4 27.8 41.8
86 67.1 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 17.376 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN062084.D

Acq: 25 Jun 2020 00:14

Instrument :

MSVOA_N

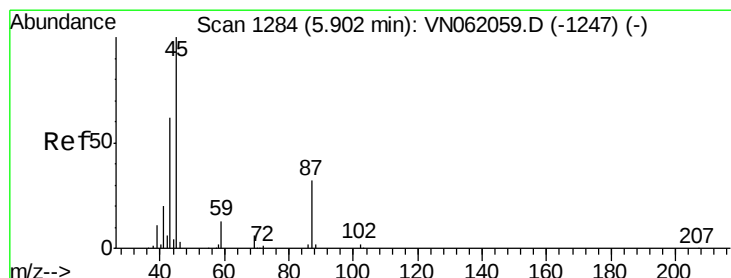
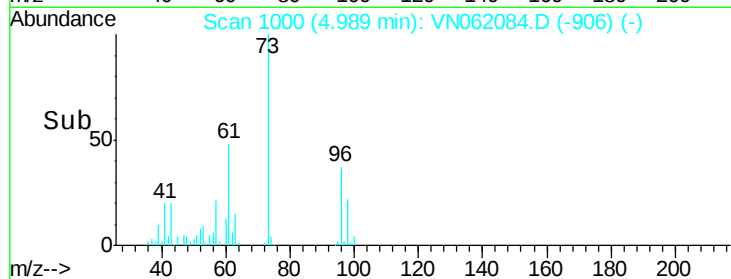
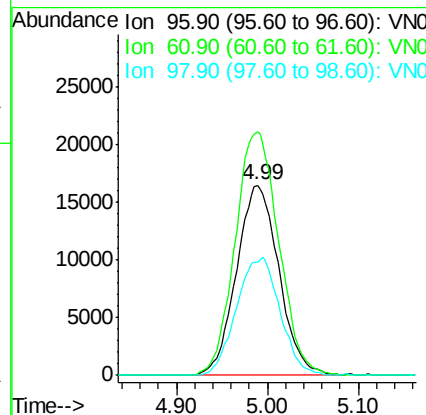
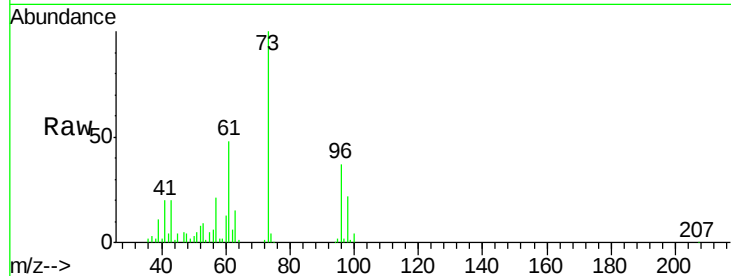
ClientSampleId :

VN0624MBS01

Tot Ion:	96	Resp:	53515
Ion	Ratio	Lower	Upper
96	100		
61	127.9	101.4	152.2
98	59.4	49.3	73.9

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#22

Diisopropyl ether

Concen: 19.023 ug/l

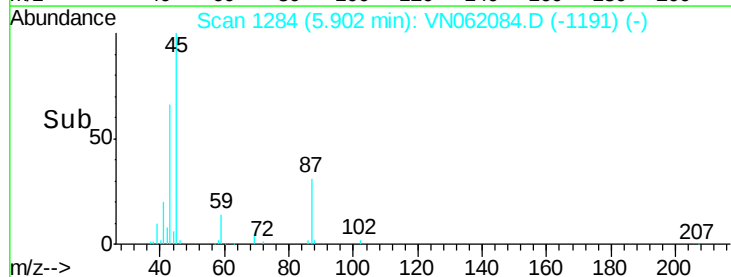
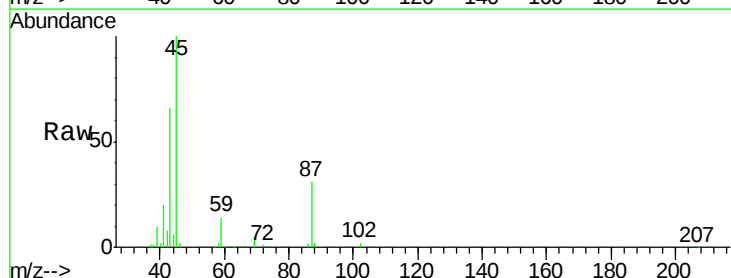
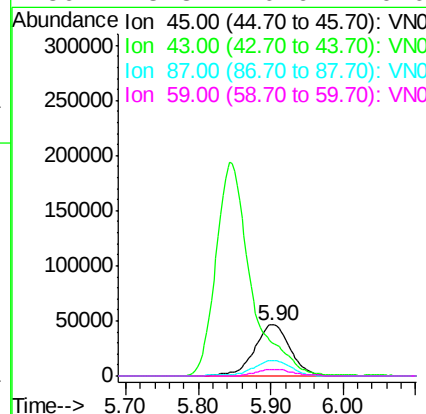
RT: 5.90 min Scan# 1284

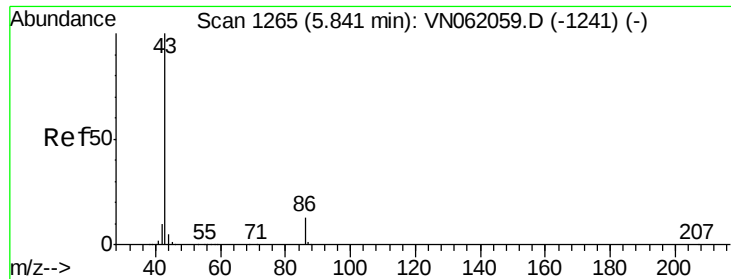
Delta R.T. -0.00 min

Lab File: VN062084.D

Acq: 25 Jun 2020 00:14

Tgt Ion:	45	Resp:	159423
Ion	Ratio	Lower	Upper
45	100		
43	64.3	49.7	74.5
87	30.8	25.9	38.9
59	13.3	10.6	16.0





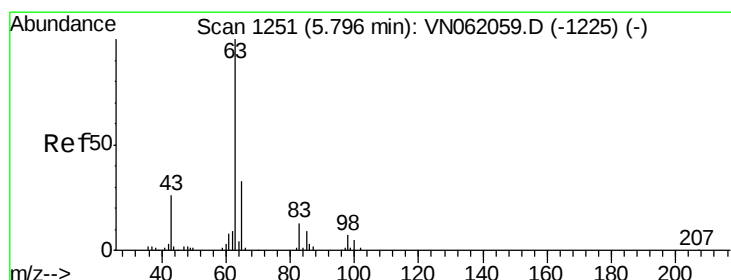
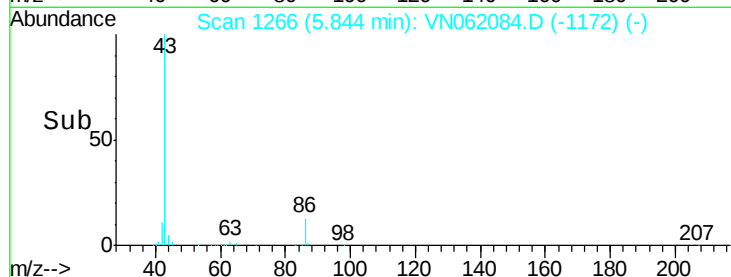
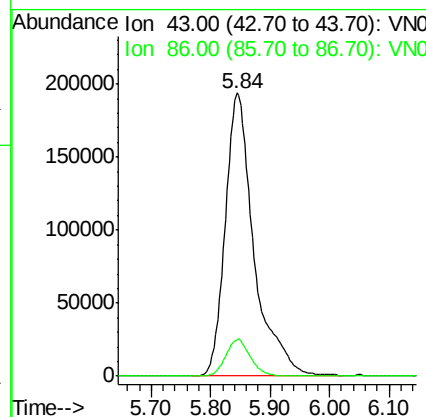
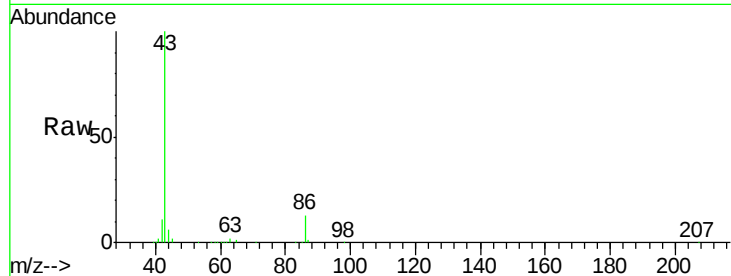
#23
 Vinyl Acetate
 Concen: 95.052 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: VN062084.D
 Acq: 25 Jun 2020 00:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624MBS01

Tot Ion	43	Resp	650373
Ion Ratio	Lower	Upper	
43	100		
86	13.0	10.1	15.1

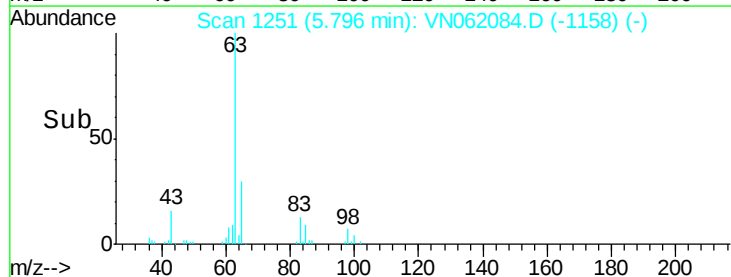
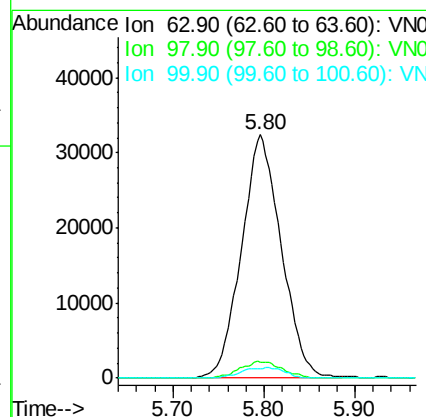
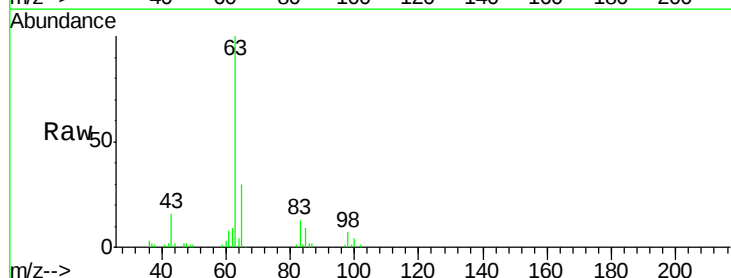
Manual Integrations
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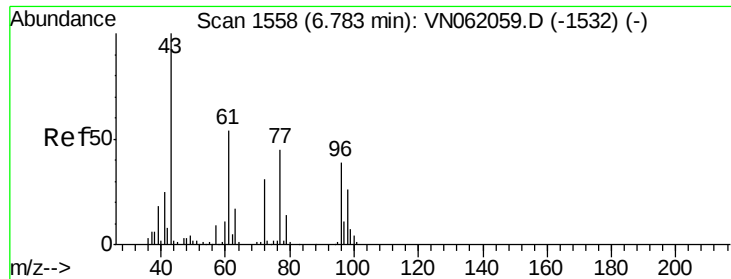
MMDadoda
 6/25/2020 6:10:52 PM



#24
 1,1-Dichloroethane
 Concen: 18.187 ug/l
 RT: 5.80 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VN062084.D
 Acq: 25 Jun 2020 00:14

Tgt Ion	63	Resp	98151
Ion Ratio	Lower	Upper	
63	100		
98	6.6	3.6	10.9
100	3.7	2.4	7.1





#25

2-Butanone

Concen: 94.158 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VN062084.D

Acq: 25 Jun 2020 00:14

Instrument :

MSVOA_N

ClientSampleId :

VN0624MBS01

Tot Ion: 43 Resp: 152064

Ion Ratio Lower Upper

43 100

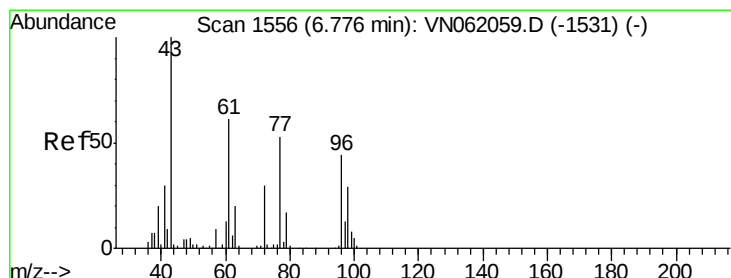
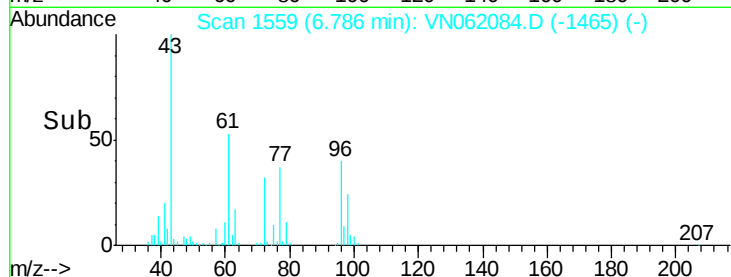
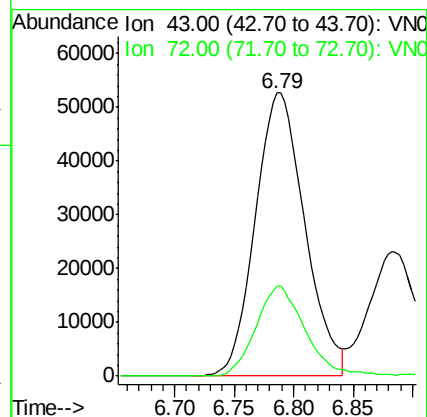
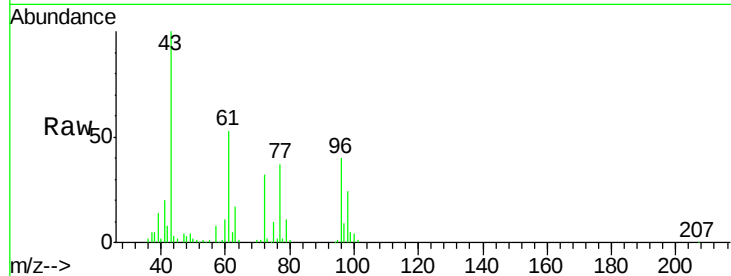
72 31.7 24.8 37.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 15.109 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

Lab File: VN062084.D

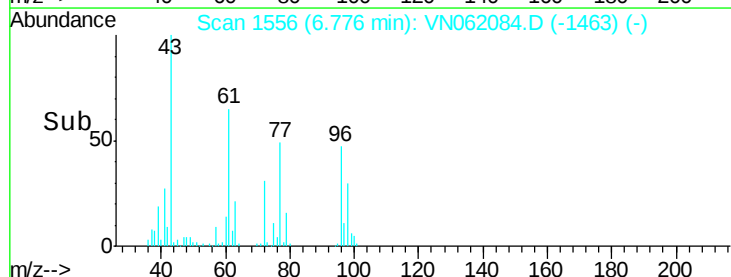
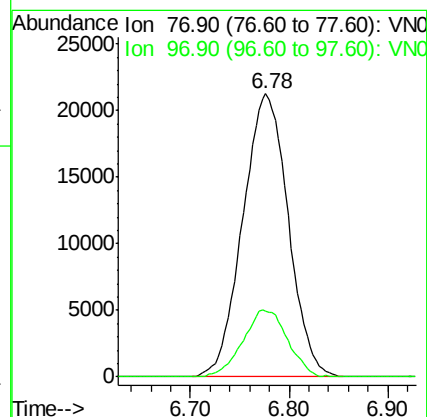
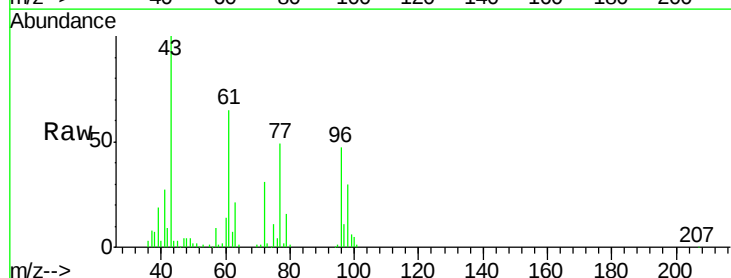
Acq: 25 Jun 2020 00:14

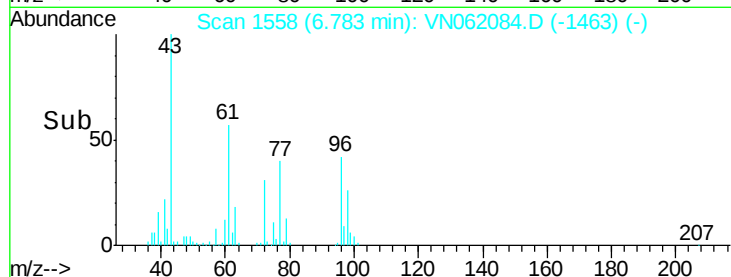
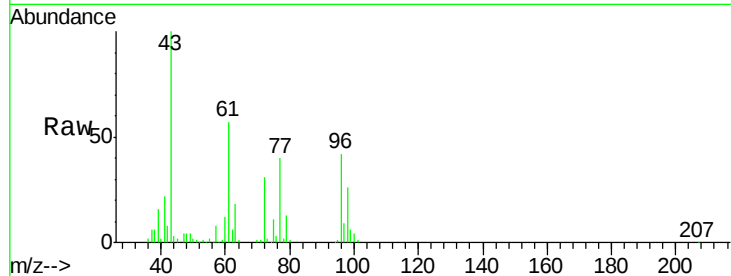
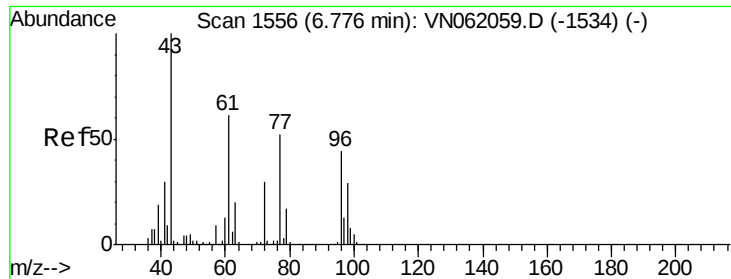
Tgt Ion: 77 Resp: 67945

Ion Ratio Lower Upper

77 100

97 23.2 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 17.981 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. 0.01 min

Lab File: VN062084.D

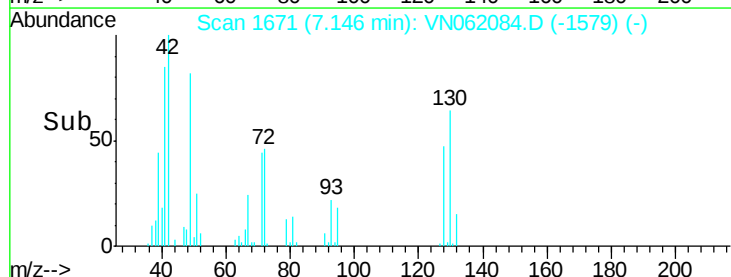
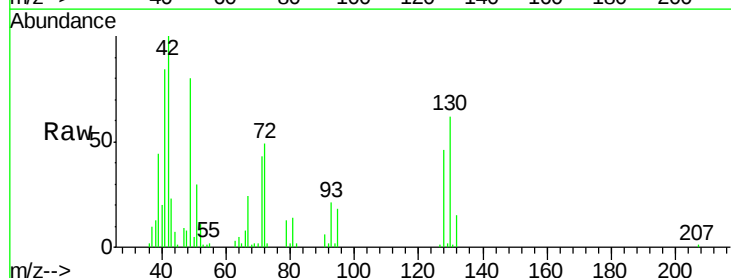
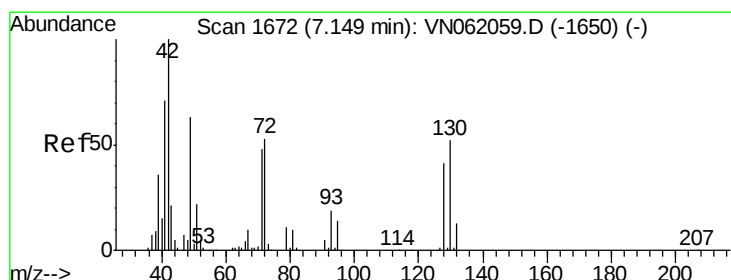
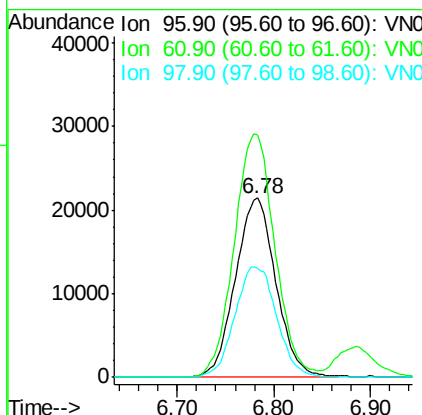
Acq: 25 Jun 2020 00:14

Tot Ion	Ratio	Resp	Lower	Upper
96	100	62314		
61	136.8		0.0	280.4
98	63.4		0.0	129.4

Instrument :
MSVOA_N
ClientSampleId :
VN0624MBS01

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#28

Bromochloromethane

Concen: 16.697 ug/l

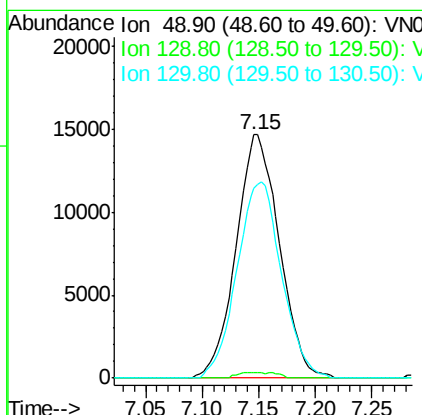
RT: 7.15 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VN062084.D

Acq: 25 Jun 2020 00:14

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	39096		
129	1.4		0.0	4.4
130	82.8		65.5	98.3





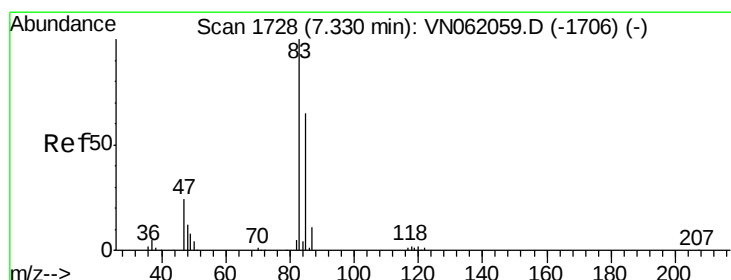
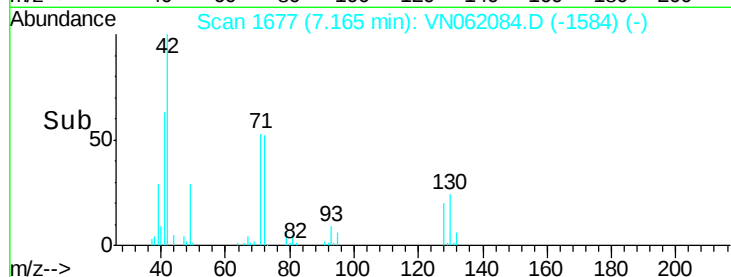
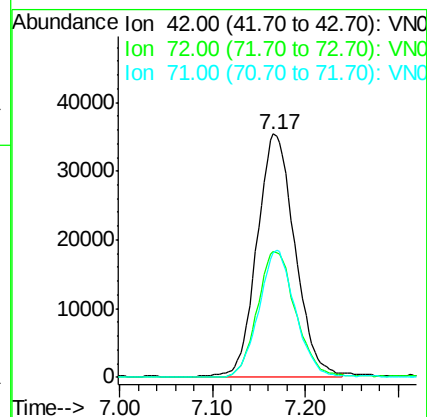
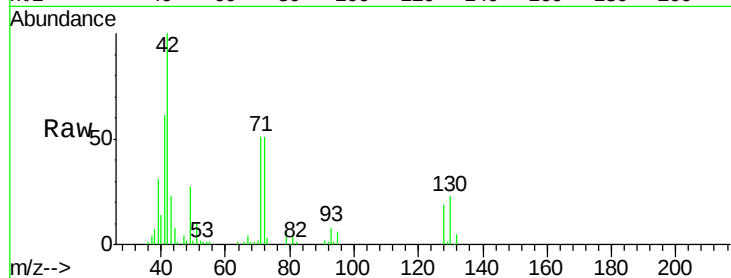
#29
Tetrahydrofuran
Concen: 95.536 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062084.D
Acq: 25 Jun 2020 00:14

Instrument :
MSVOA_N
ClientSampleId :
VN0624MBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	52.4	41.1	61.7
71	50.0	38.2	57.4

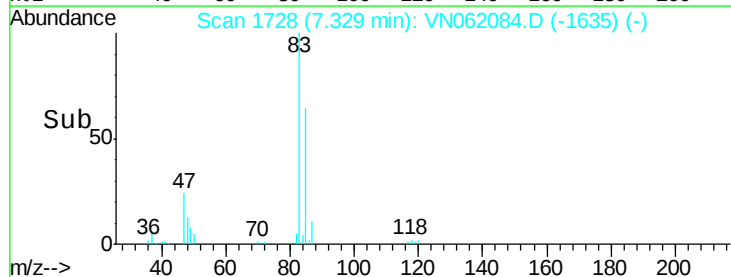
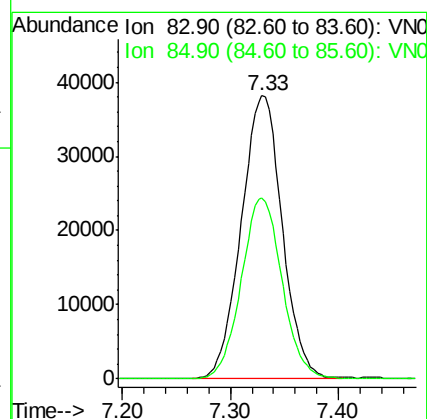
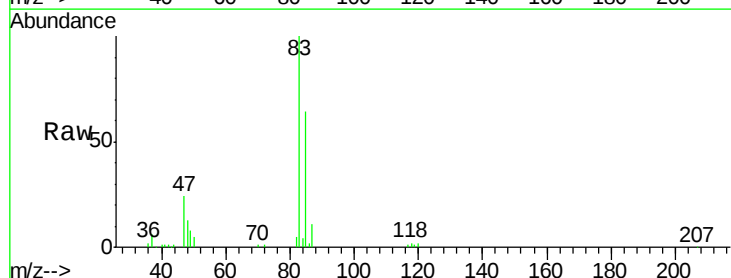
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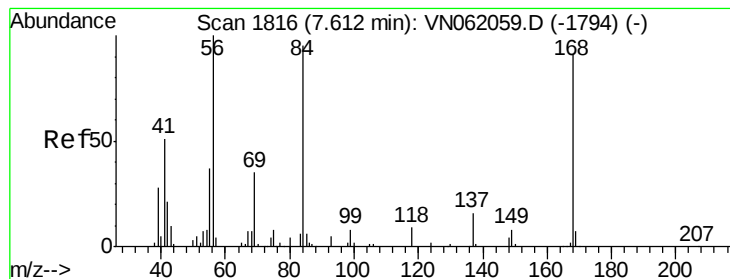
MMDadoda
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#30
Chloroform
Concen: 18.378 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062084.D
Acq: 25 Jun 2020 00:14

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	52.3	78.5





#31

Cyclohexane

Concen: 17.195 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN062084.D

Acq: 25 Jun 2020 00:14

Instrument :

MSVOA_N

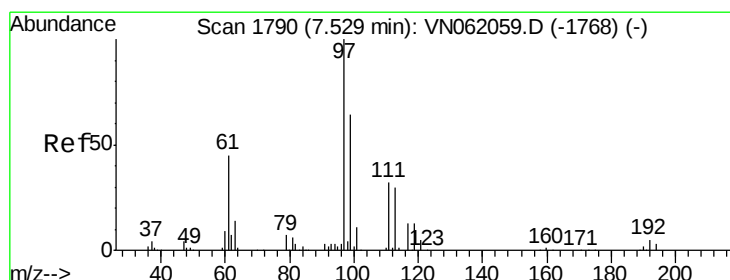
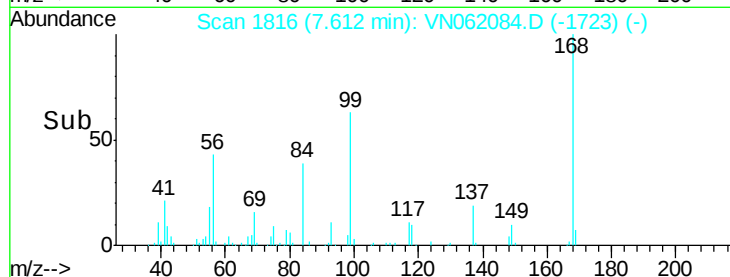
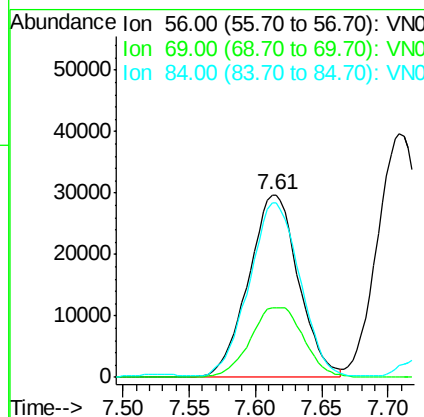
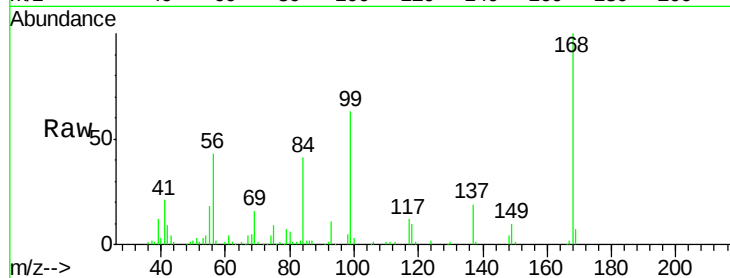
ClientSampleId :

VN0624MBS01

Tot Ion:	56	Resp:	78491
Ion Ratio	Lower	Upper	
56	100		
69	38.0	28.0	42.0
84	94.4	76.1	114.1

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#32

1,1,1-Trichloroethane

Concen: 17.926 ug/l

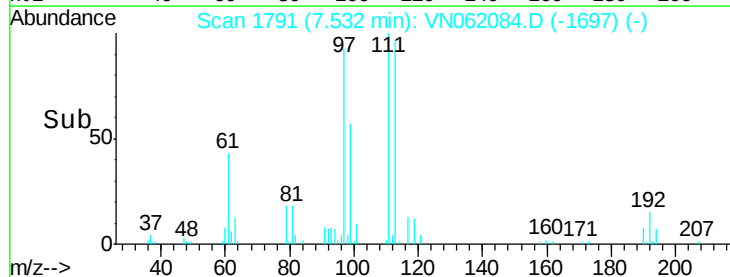
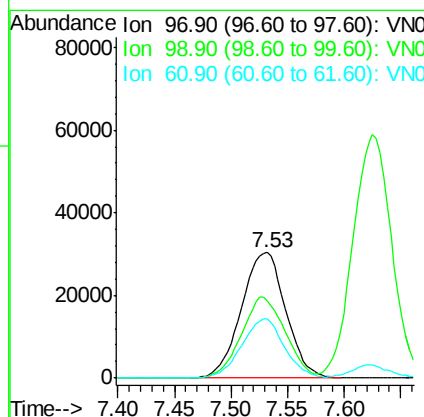
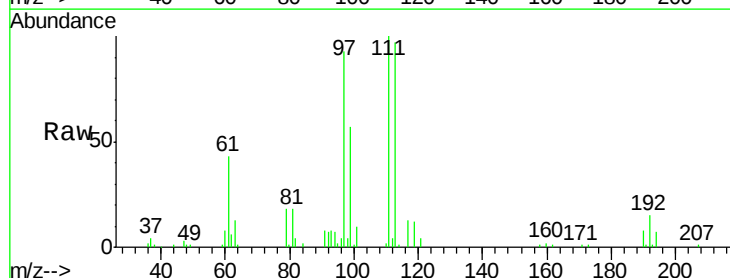
RT: 7.53 min Scan# 1791

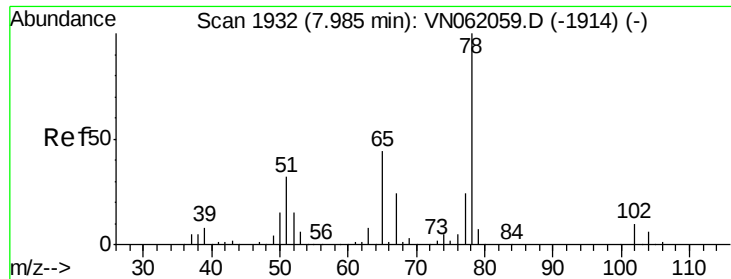
Delta R.T. 0.00 min

Lab File: VN062084.D

Acq: 25 Jun 2020 00:14

Tgt Ion:	97	Resp:	83006
Ion Ratio	Lower	Upper	
97	100		
99	63.6	51.0	76.4
61	45.4	36.2	54.2





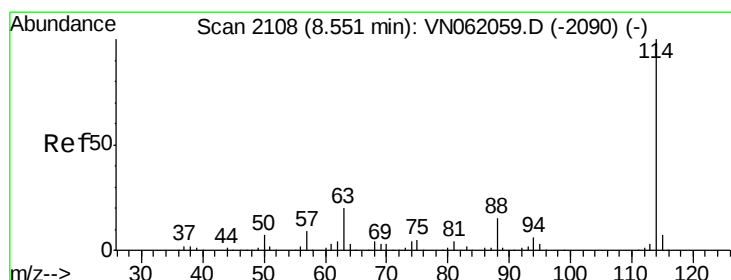
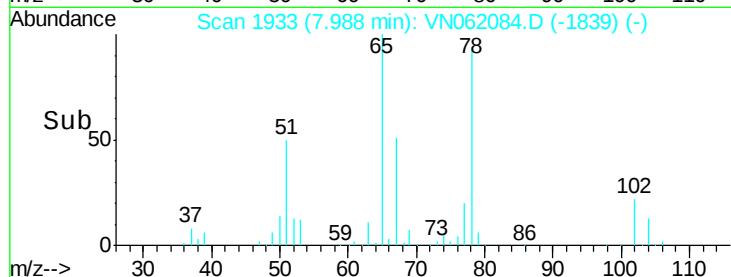
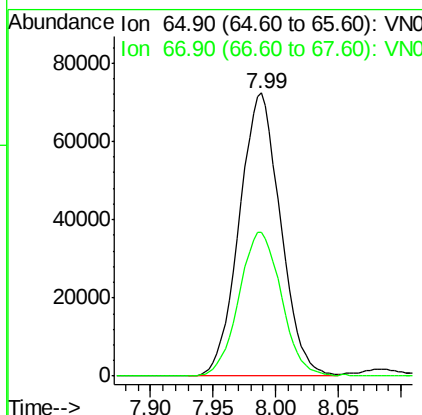
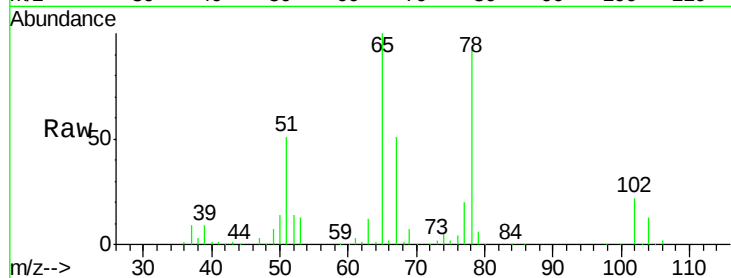
#33
 1,2-Dichloroethane-d4
 Concen: 50.071 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062084.D
 Acq: 25 Jun 2020 00:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624MBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	165439		
67	52.2	0.0	106.2	

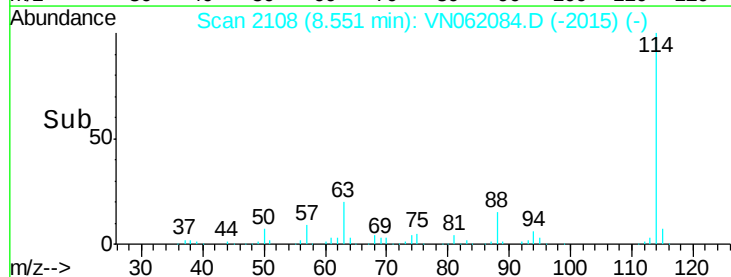
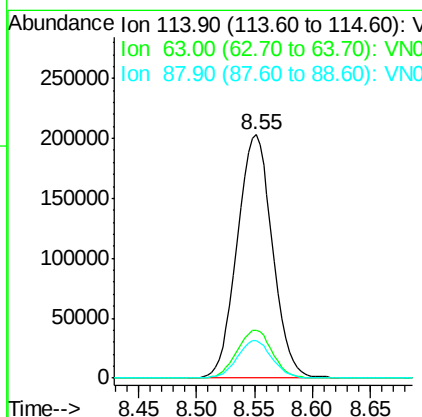
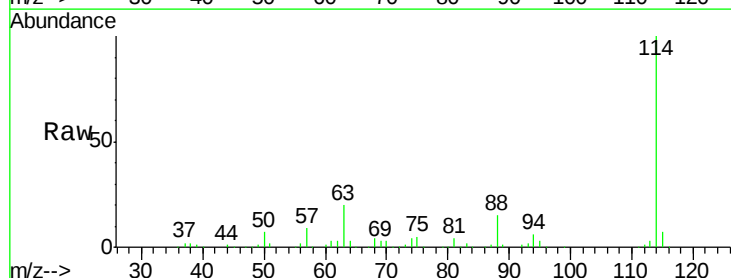
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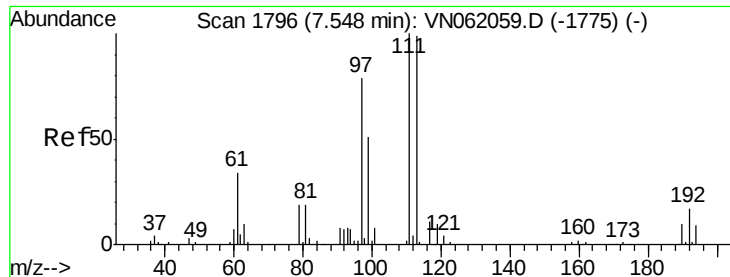
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062084.D
 Acq: 25 Jun 2020 00:14

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	429906		
63	19.8	0.0	39.2	
88	15.3	0.0	30.8	





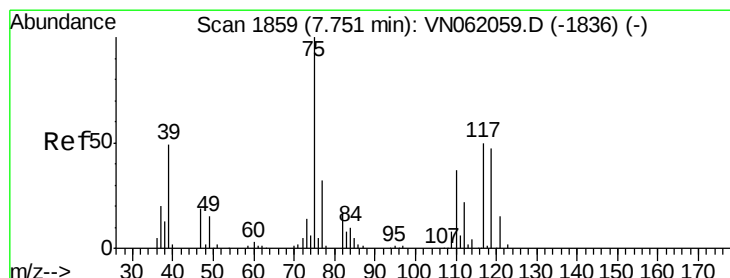
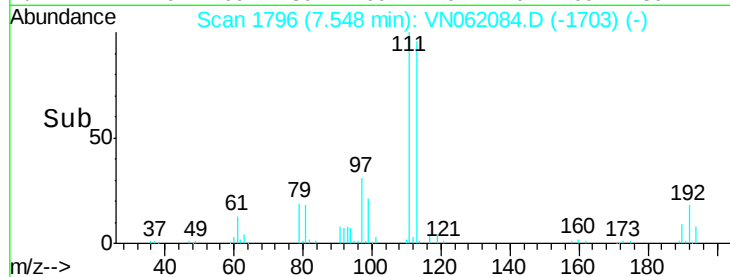
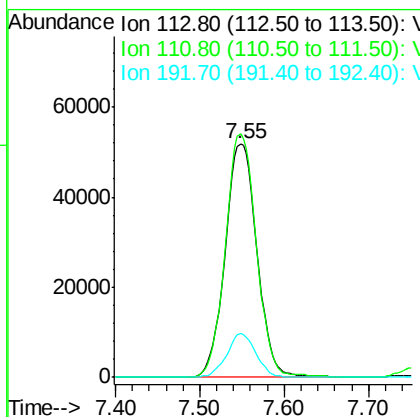
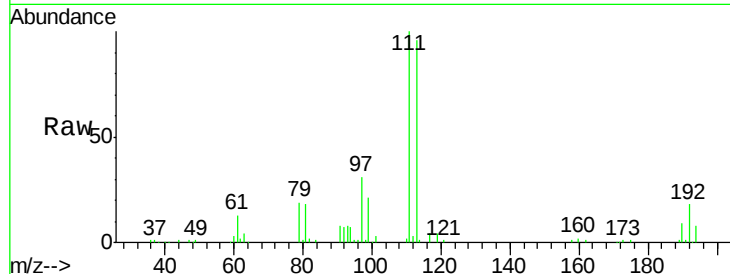
#35
 Dibromofluoromethane
 Concen: 49.376 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062084.D
 Acq: 25 Jun 2020 00:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624MBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	101.6	82.2	123.4	
192	17.3	14.0	21.0	

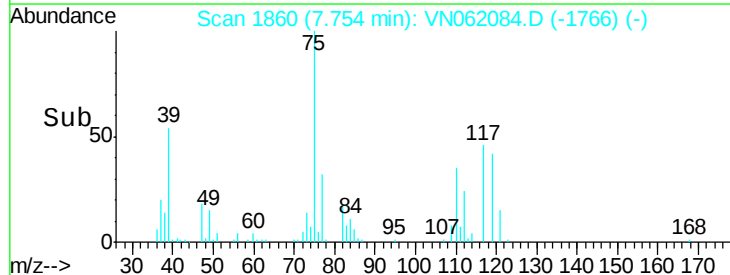
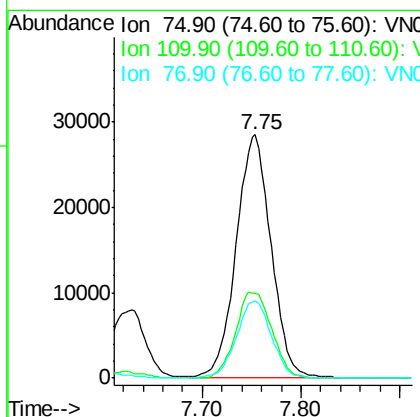
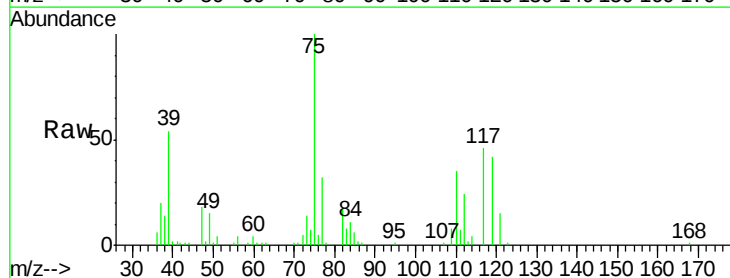
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#36
 1,1-Dichloropropene
 Concen: 16.234 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VN062084.D
 Acq: 25 Jun 2020 00:14

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	36.2	17.9	53.8	
77	31.6	24.9	37.3	





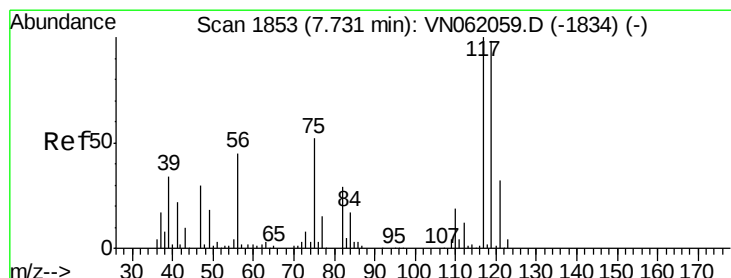
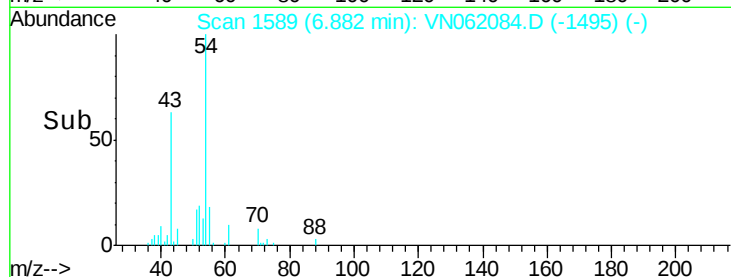
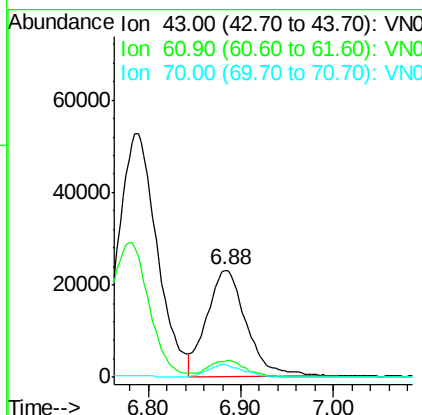
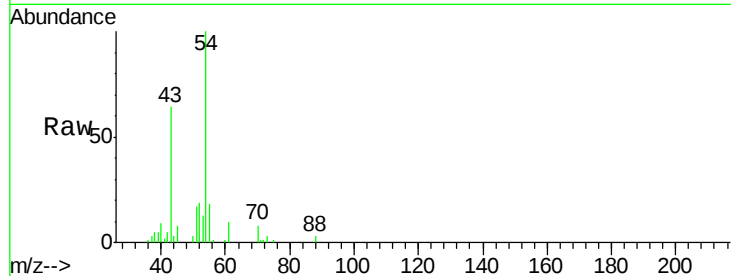
#37
Ethyl Acetate
Concen: 18.849 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. 0.00 min
Lab File: VN062084.D
Acq: 25 Jun 2020 00:14

Instrument :
MSVOA_N
ClientSampleId :
VN0624MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.7	12.0	18.0
70	11.0	9.6	14.4

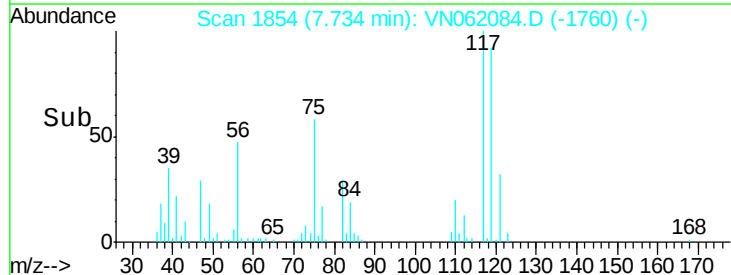
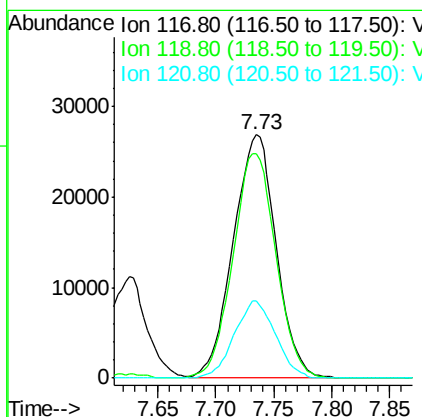
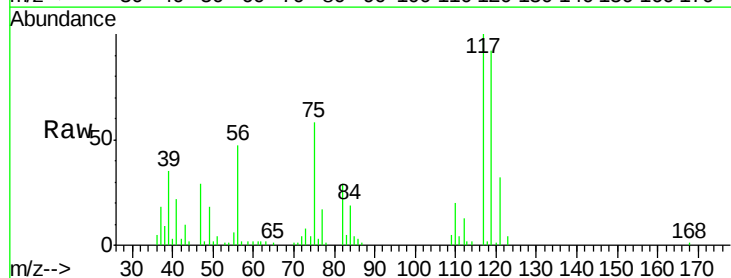
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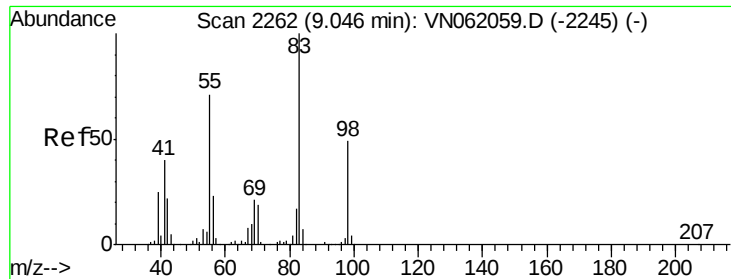
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#38
Carbon Tetrachloride
Concen: 16.991 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN062084.D
Acq: 25 Jun 2020 00:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.1	78.2	117.2
121	31.7	25.8	38.6





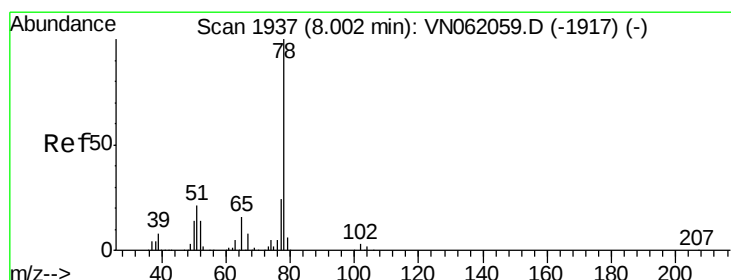
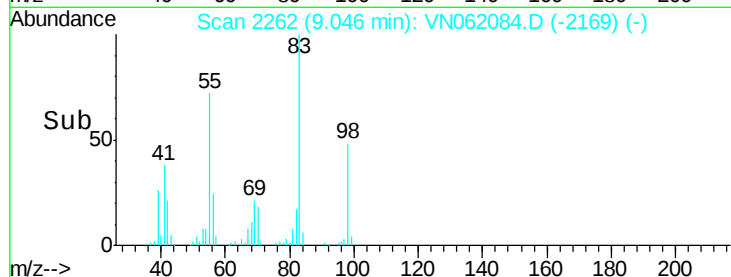
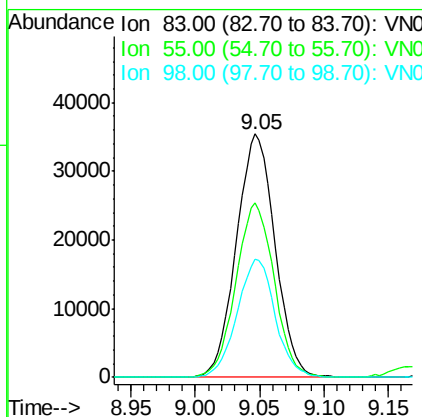
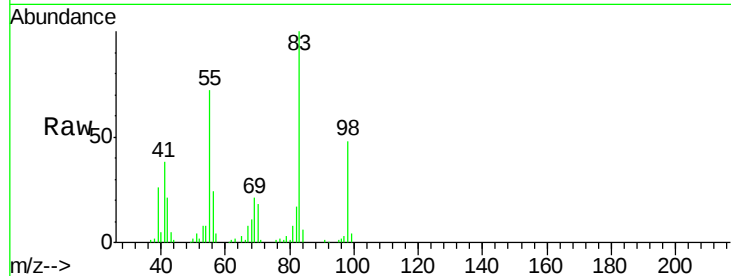
#39
Methvlcvclohexane
Concen: 15.613 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062084.D
Acq: 25 Jun 2020 00:14

Instrument :
MSVOA_N
ClientSampleId :
VN0624MBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.5	57.0	85.6
98	48.3	39.0	58.6

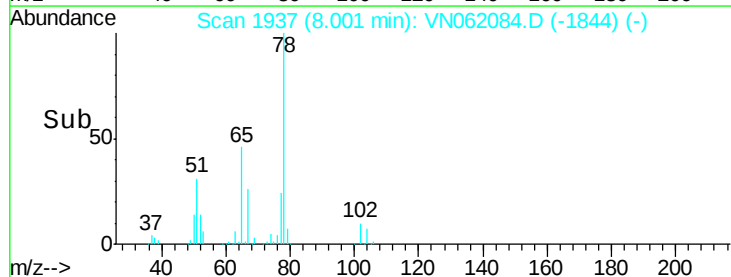
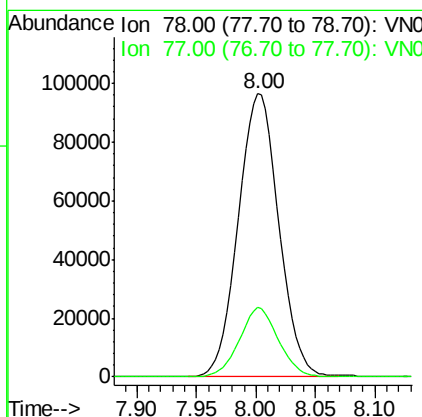
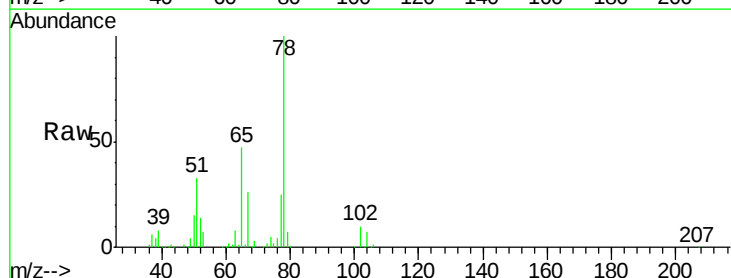
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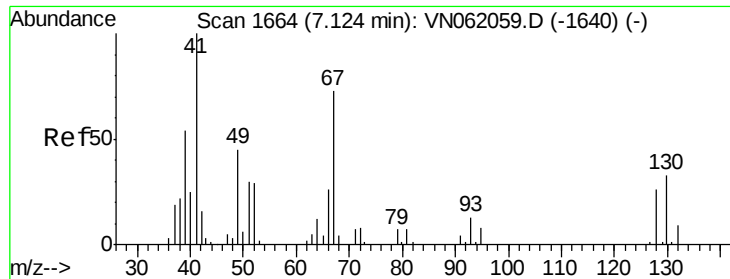
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#40
Benzene
Concen: 17.309 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062084.D
Acq: 25 Jun 2020 00:14

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.5	29.3





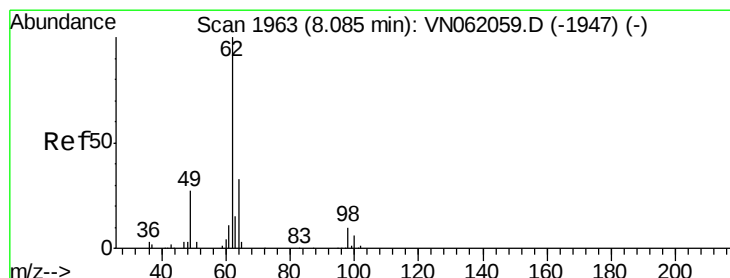
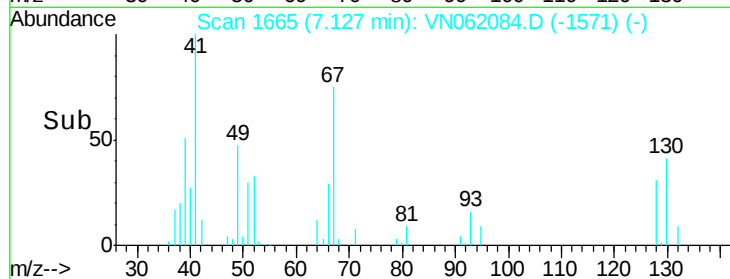
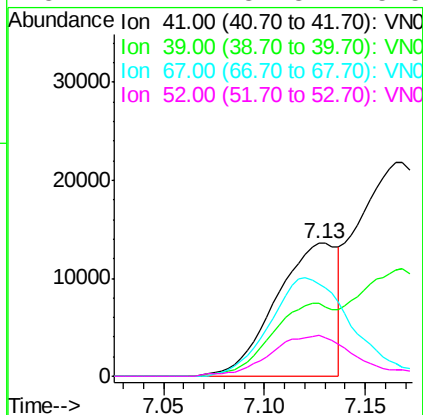
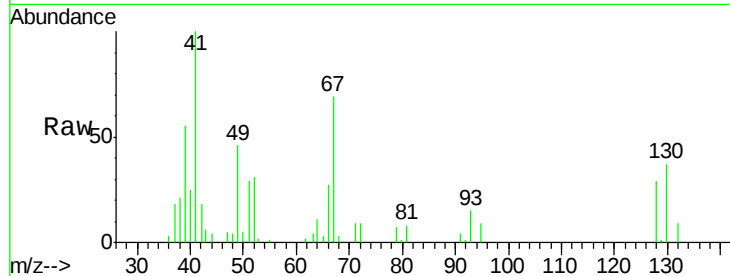
#41
Methacrylonitrile
Concen: 17.329 ug/l
RT: 7.13 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VN062084.D
Acq: 25 Jun 2020 00:14

Instrument :
MSVOA_N
ClientSampleId :
VN0624MBS01

Tot Ion	41	Resp	28746
Ion	Ratio	Lower	Upper
41	100		
39	52.4	44.2	66.2
67	98.5	79.5	119.3
52	42.7	32.3	48.5

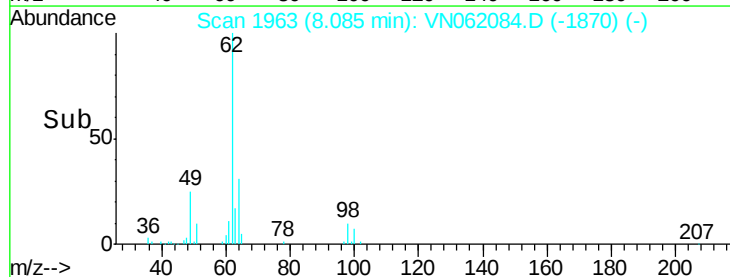
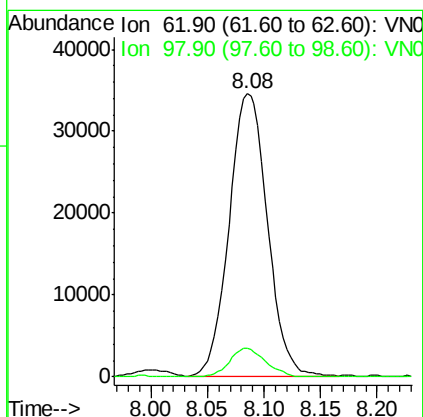
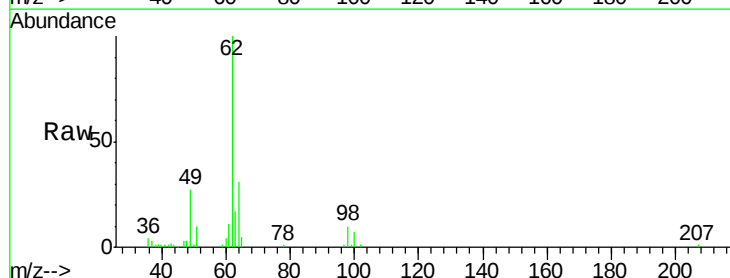
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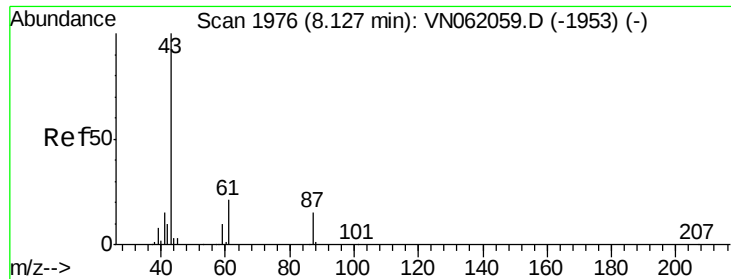
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#42
1,2-Dichloroethane
Concen: 18.418 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062084.D
Acq: 25 Jun 2020 00:14

Tgt Ion	62	Resp	81957
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.8





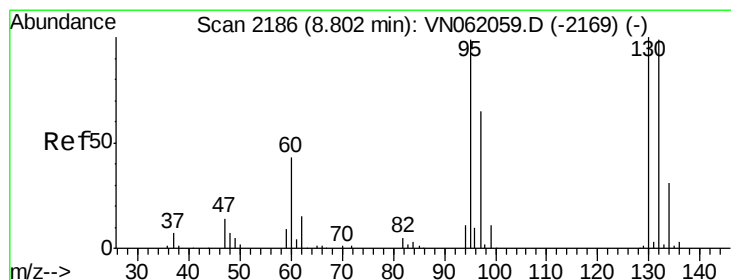
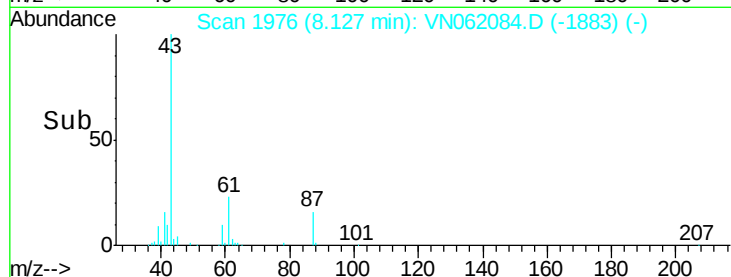
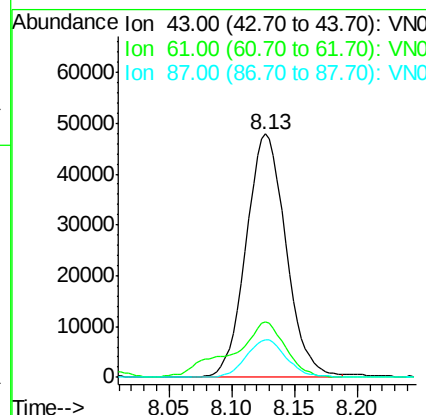
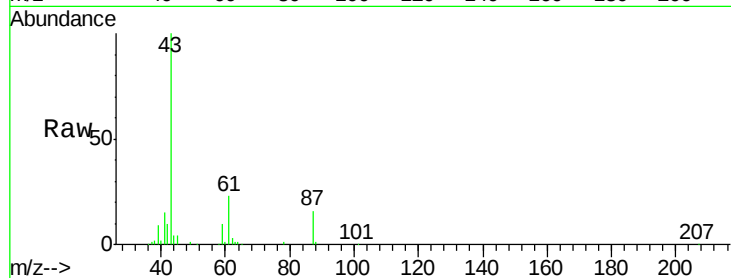
#43
Isopropyl Acetate
Concen: 18.156 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. -0.00 min
Lab File: VN062084.D
Acq: 25 Jun 2020 00:14

Instrument :
MSVOA_N
ClientSampleId :
VN0624MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	30.6	17.2	25.8
87	15.5	12.1	18.1

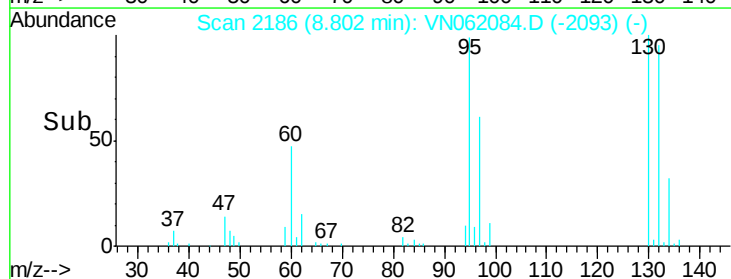
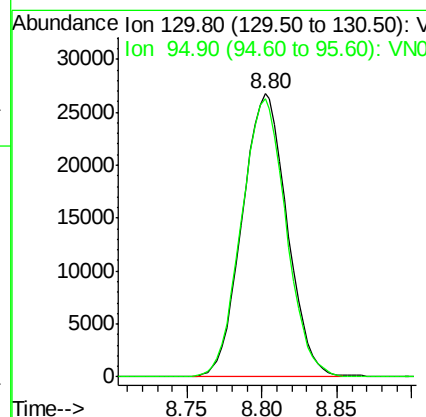
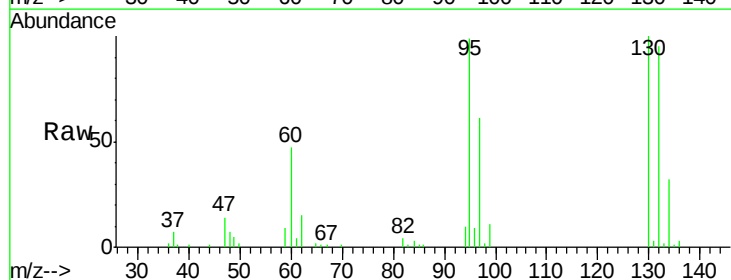
Manual Integrations
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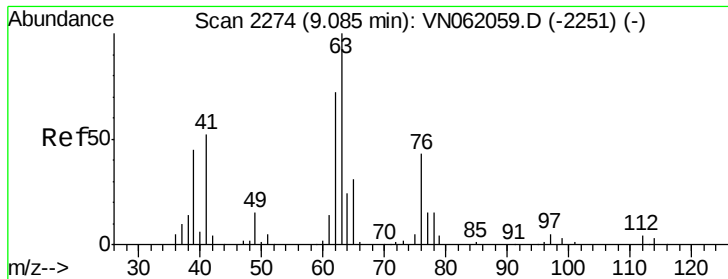
MMDadoda
6/25/2020 6:10:52 PM



#44
Trichloroethene
Concen: 16.790 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. -0.00 min
Lab File: VN062084.D
Acq: 25 Jun 2020 00:14

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.5	0.0	197.8





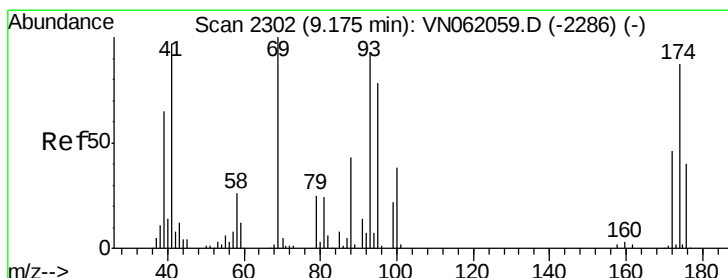
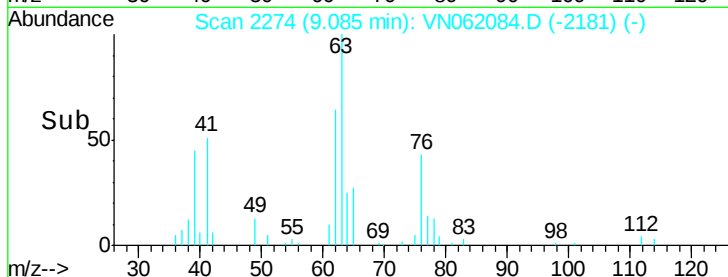
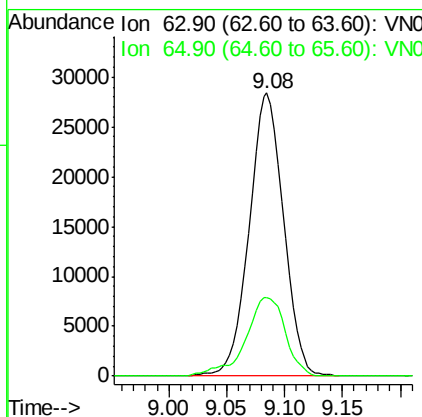
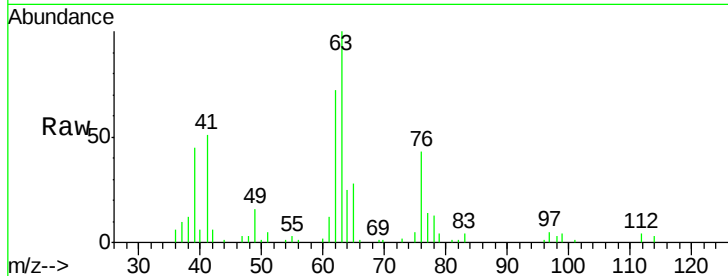
#45
 1,2-Dichloropropane
 Concen: 18.060 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062084.D
 Acq: 25 Jun 2020 00:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624MBS01

Tot Ion: 63 Resp: 58683
 Ion Ratio Lower Upper
 63 100
 65 27.8 25.0 37.4

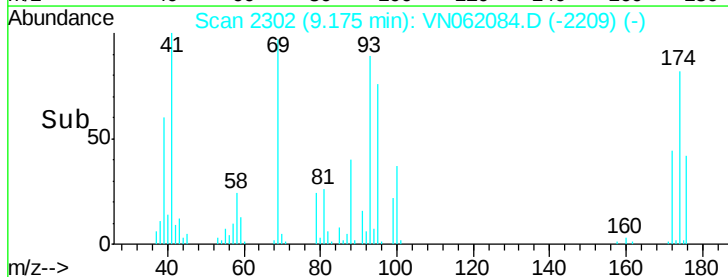
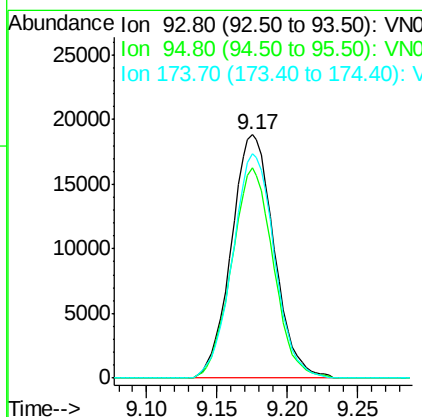
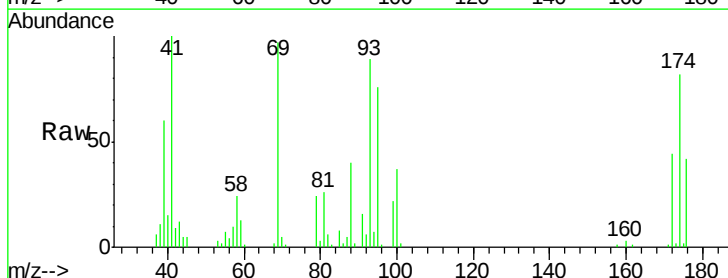
Manual Integrations
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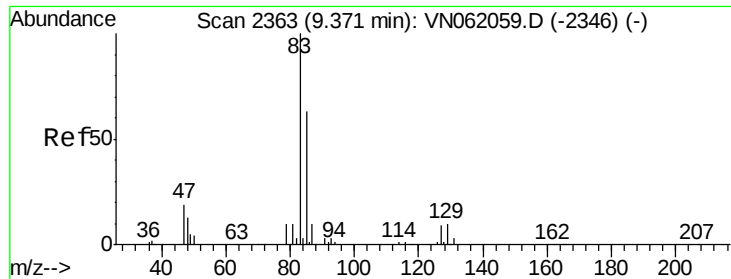
MMDadoda
 6/25/2020 6:10:52 PM



#46
 Dibromomethane
 Concen: 18.072 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062084.D
 Acq: 25 Jun 2020 00:14

Tgt Ion: 93 Resp: 39813
 Ion Ratio Lower Upper
 93 100
 95 84.4 67.0 100.6
 174 90.6 74.4 111.6





#47

Bromodichloromethane

Concen: 17.918 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN062084.D

Acq: 25 Jun 2020 00:14

Instrument :

MSVOA_N

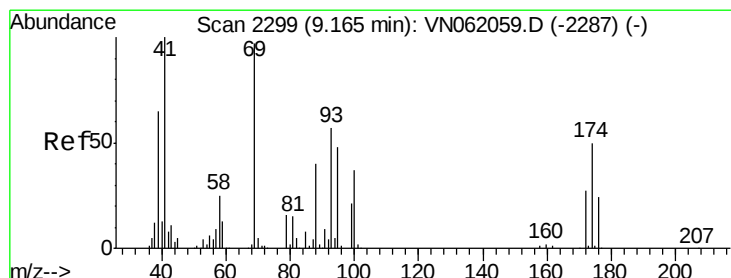
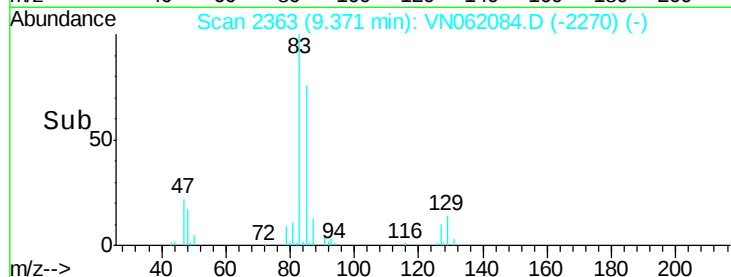
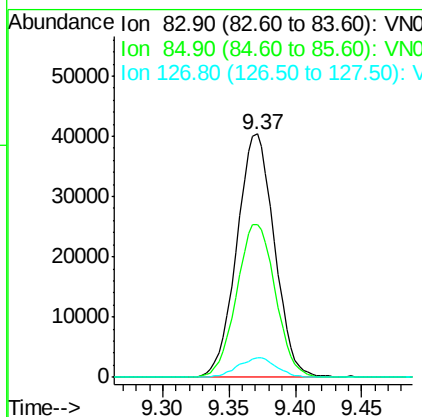
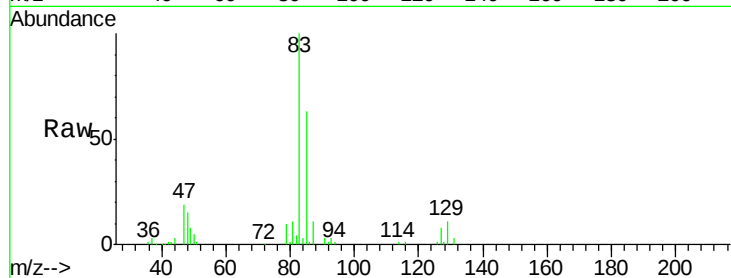
ClientSampleId :

VN0624MBS01

Tot Ion:	83	Resp:	79703
Ion	Ratio	Lower	Upper
83	100		
85	62.9	50.3	75.5
127	8.0	6.9	10.3

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#48

Methyl methacrylate

Concen: 18.102 ug/l

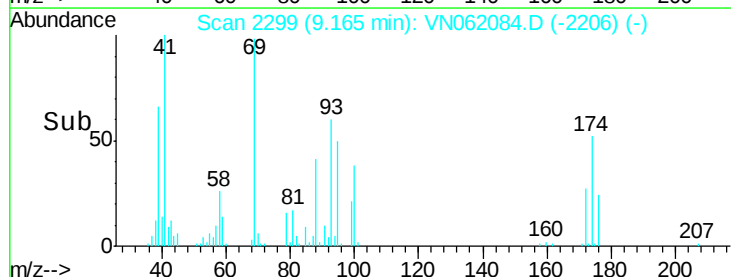
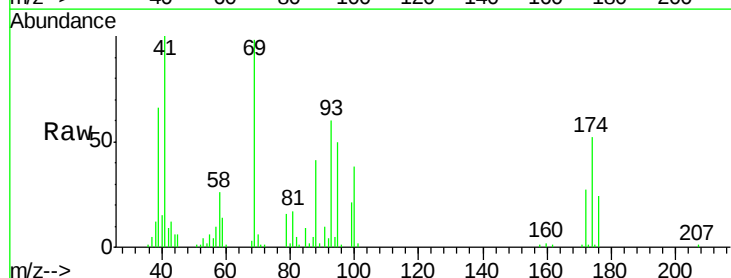
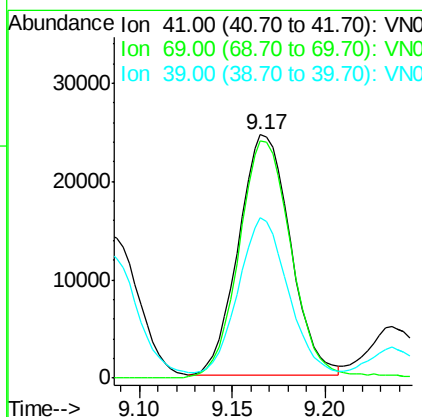
RT: 9.17 min Scan# 2299

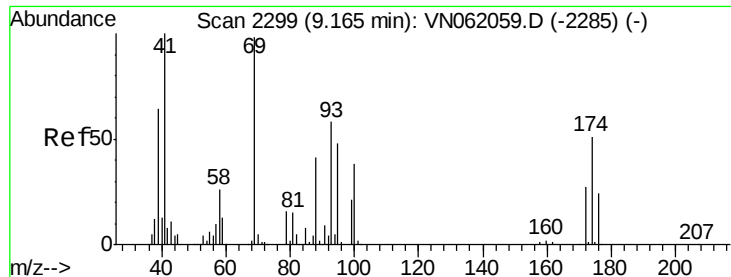
Delta R.T. -0.00 min

Lab File: VN062084.D

Acq: 25 Jun 2020 00:14

Tgt Ion:	41	Resp:	47344
Ion	Ratio	Lower	Upper
41	100		
69	100.4	80.7	121.1
39	64.8	54.5	81.7





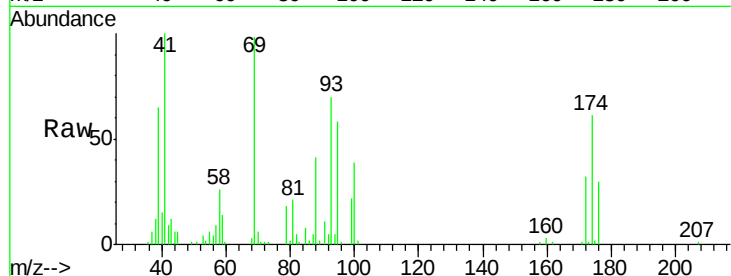
#49
1,4-Dioxane
Concen: 363.662 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VN062084.D
Acq: 25 Jun 2020 00:14

Instrument :
MSVOA_N
ClientSampleId :
VN0624MBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.6	22.0	33.0
58	61.1	49.2	73.8

Manual Integrations
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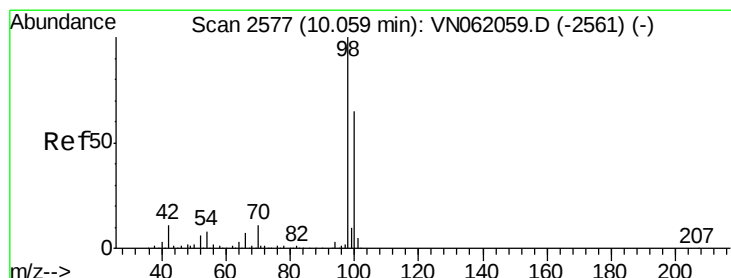
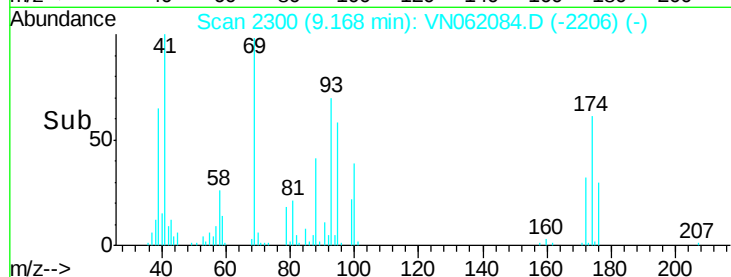
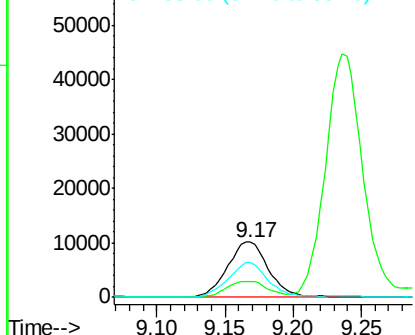


Abundance

Ion 88.00 (87.70 to 88.70): VN062059.D (-2285) (-)

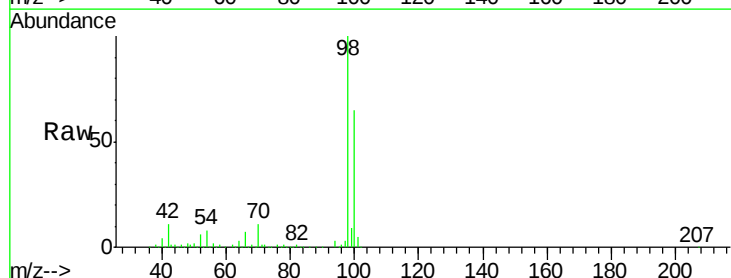
Ion 43.00 (42.70 to 43.70): VN062059.D (-2285) (-)

Ion 58.00 (57.70 to 58.70): VN062059.D (-2285) (-)



#50
Toluene-d8
Concen: 46.665 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062084.D
Acq: 25 Jun 2020 00:14

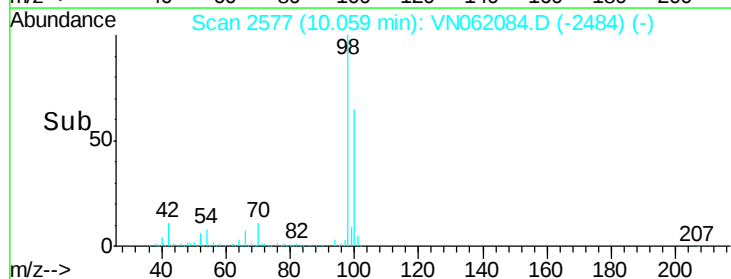
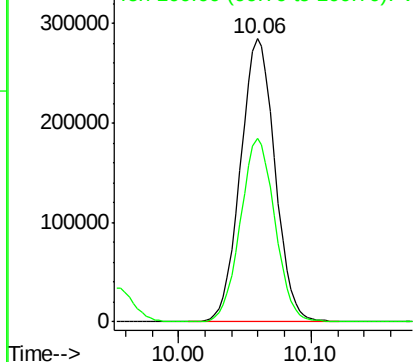
Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.2	76.8

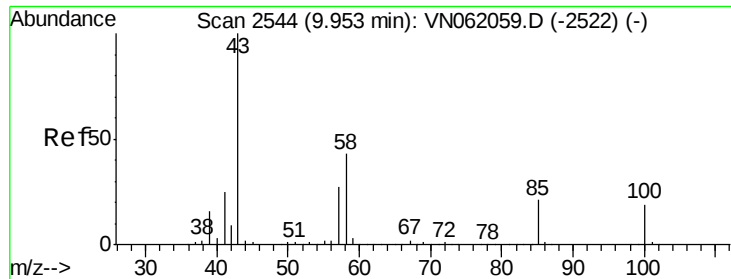


Abundance

Ion 98.00 (97.70 to 98.70): VN062059.D (-2561) (-)

Ion 100.00 (99.70 to 100.70): VN062059.D (-2561) (-)





#51

4-Methyl-2-Pentanone

Concen: 94.724 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062084.D

Acq: 25 Jun 2020 00:14

Instrument :

MSVOA_N

ClientSampleId :

VN0624MBS01

Tot Ion: 43 Resp: 322818

Ion Ratio Lower Upper

43 100

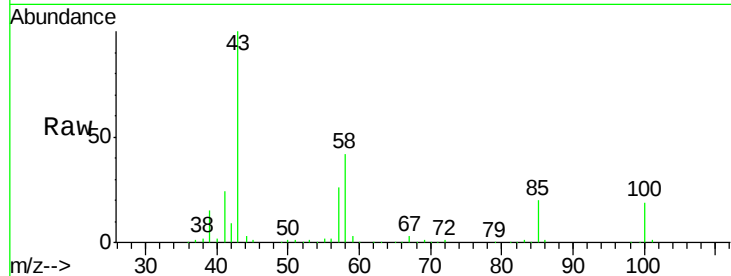
58 42.2 34.2 51.2

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Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-2522) (-)

Ion 58.00 (57.70 to 58.70): VN062059.D (-2522) (-)

9.95

200000

150000

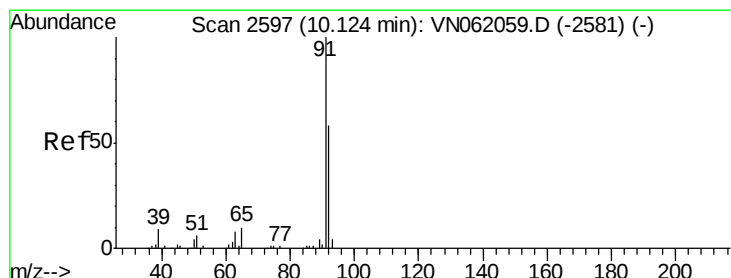
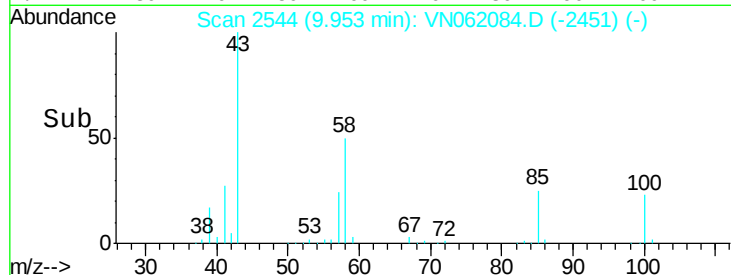
100000

50000

0

9.90 10.00

Time-->



#52

Toluene

Concen: 17.567 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062084.D

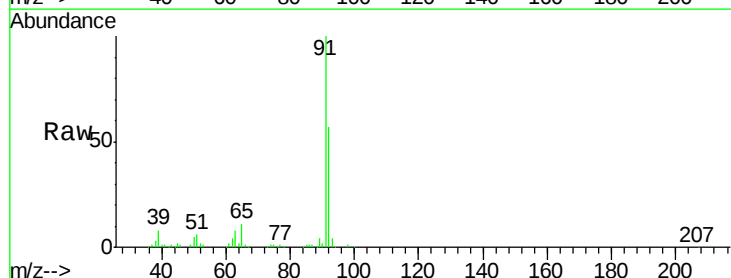
Acq: 25 Jun 2020 00:14

Tgt Ion: 92 Resp: 141176

Ion Ratio Lower Upper

92 100

91 172.5 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VN062059.D (-2581) (-)

Ion 91.00 (90.70 to 91.70): VN062059.D (-2581) (-)

10.12

150000

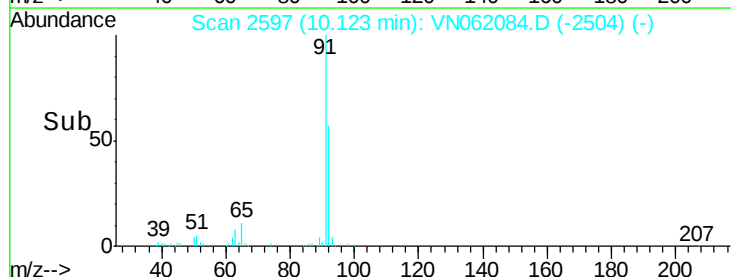
100000

50000

0

10.05 10.10 10.15 10.20

Time-->





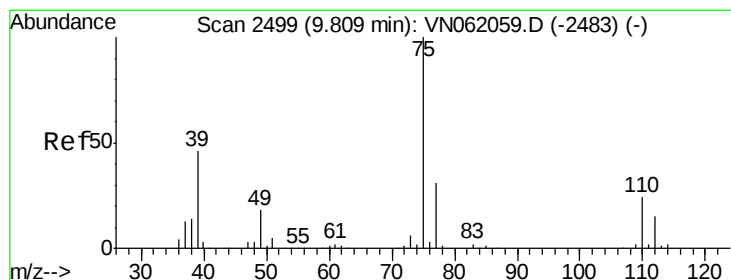
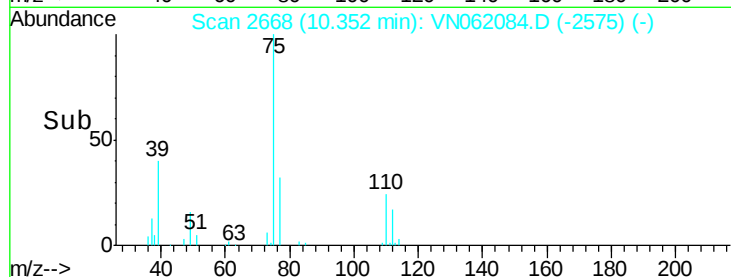
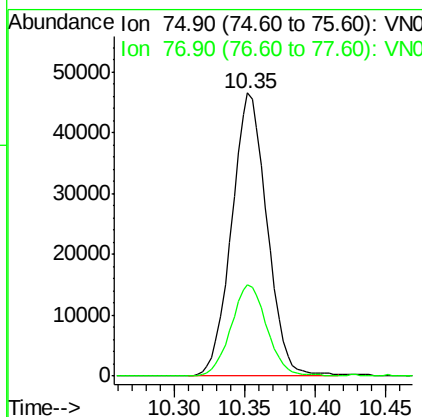
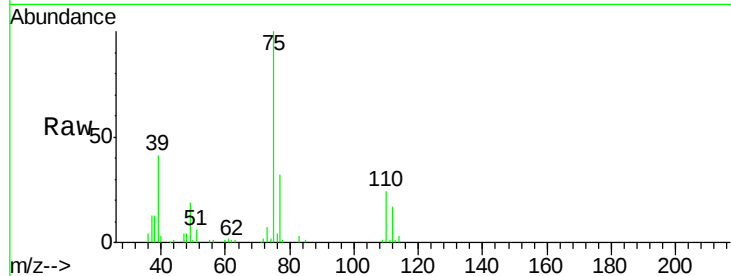
#53
t-1,3-Dichloropropene
Concen: 16.682 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. -0.00 min
Lab File: VN062084.D
Acq: 25 Jun 2020 00:14

Instrument :
MSVOA_N
ClientSampleId :
VN0624MBS01

Tot Ion: 75 Resp: 81642
Ion Ratio Lower Upper
75 100
77 32.2 25.5 38.3

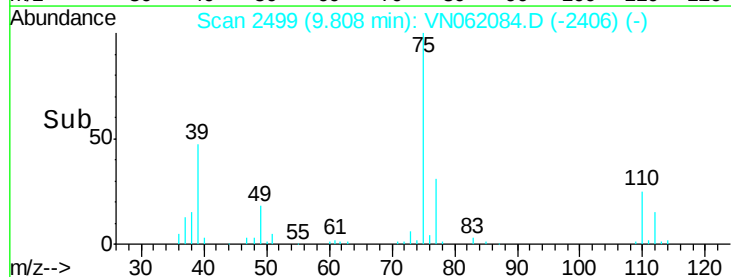
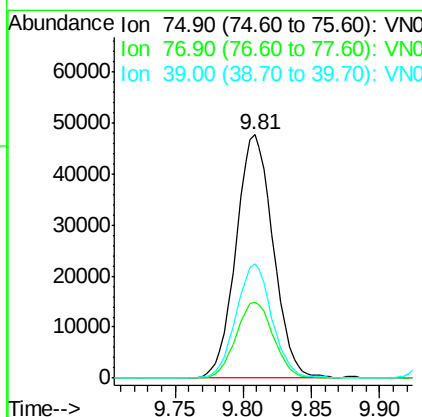
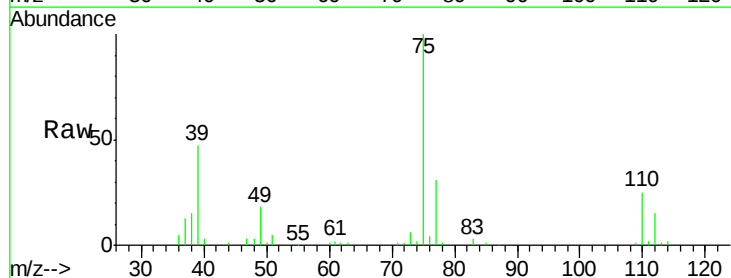
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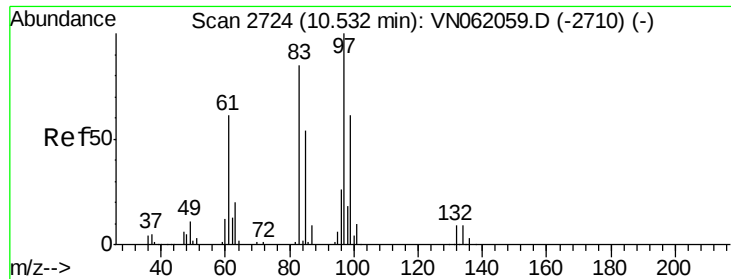
MMDadoda
6/25/2020 6:10:52 PM



#54
cis-1,3-Dichloropropene
Concen: 17.335 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VN062084.D
Acq: 25 Jun 2020 00:14

Tgt Ion: 75 Resp: 90320
Ion Ratio Lower Upper
75 100
77 31.1 25.0 37.6
39 47.2 36.9 55.3





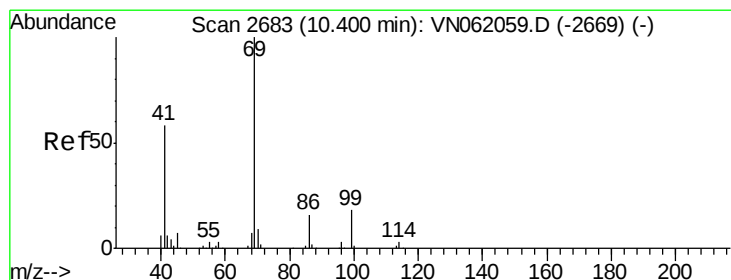
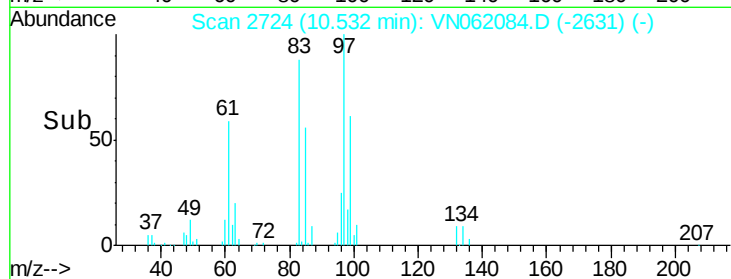
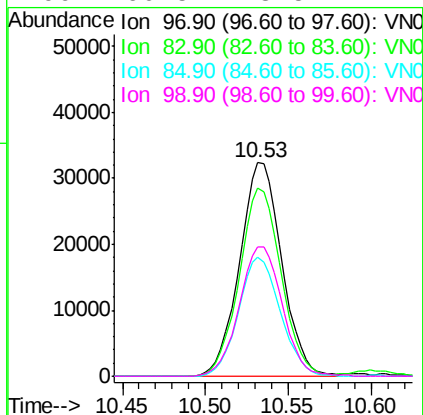
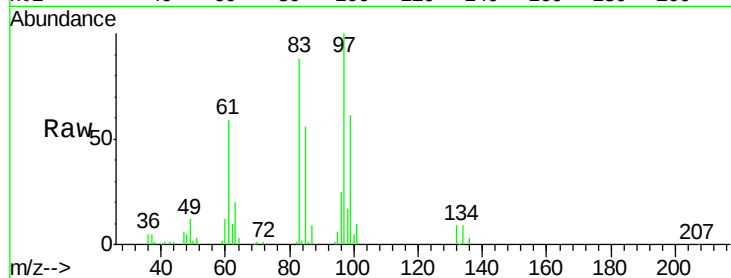
#55
 1,1,2-Trichloroethane
 Concen: 18.110 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062084.D
 Acq: 25 Jun 2020 00:14

Instrument :
 MSVOA_N
 ClientSampled :
 VN0624MBS01

Tot Ion:	97	Resp:	57209
Ion	Ratio	Lower	Upper
97	100		
83	87.8	68.2	102.2
85	55.8	43.2	64.8
99	60.5	48.5	72.7

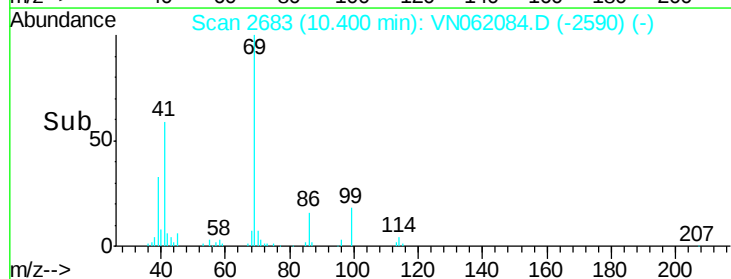
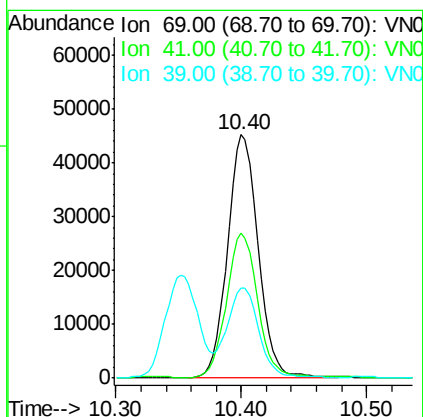
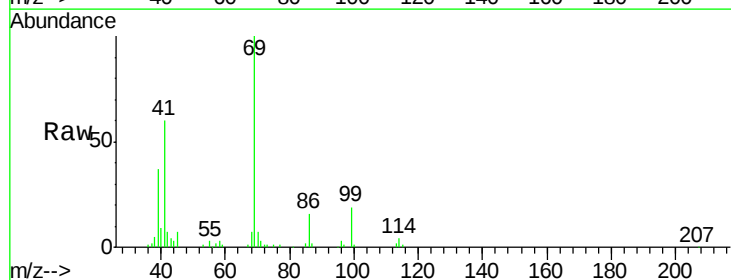
Manual Integrations
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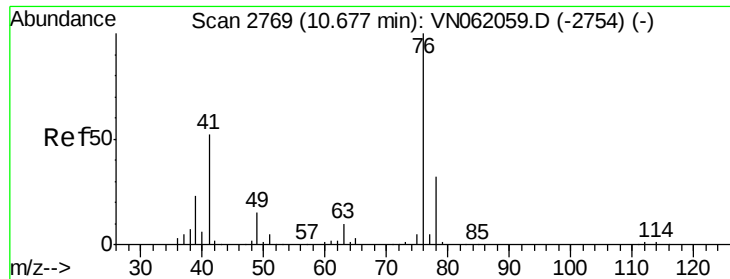
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#56
 Ethyl methacrylate
 Concen: 18.242 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062084.D
 Acq: 25 Jun 2020 00:14

Tgt Ion:	69	Resp:	76904
Ion	Ratio	Lower	Upper
69	100		
41	61.3	46.6	70.0
39	38.3	31.0	46.4





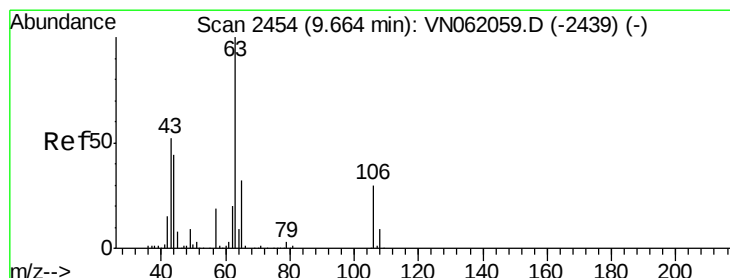
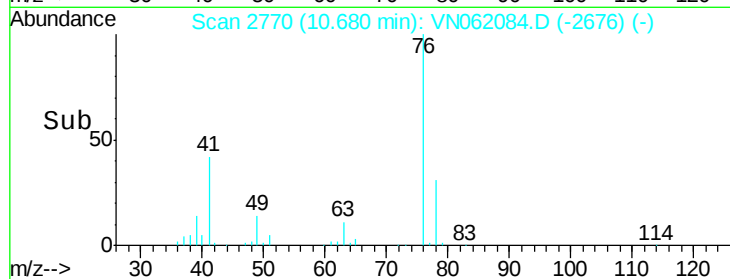
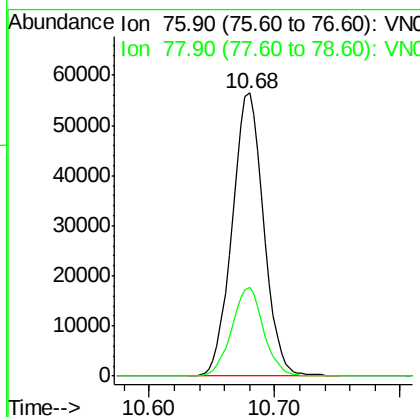
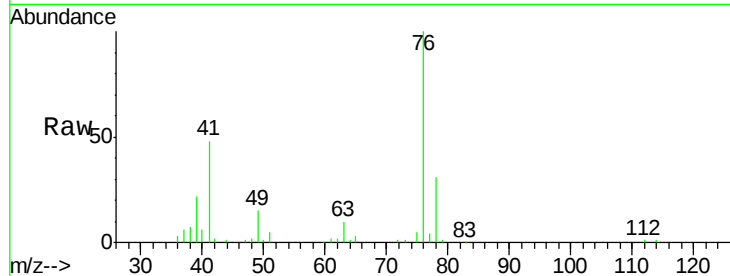
#57
 1,3-Dichloropropane
 Concen: 18.128 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. 0.00 min
 Lab File: VN062084.D
 Acq: 25 Jun 2020 00:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624MBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.5	25.8	38.8

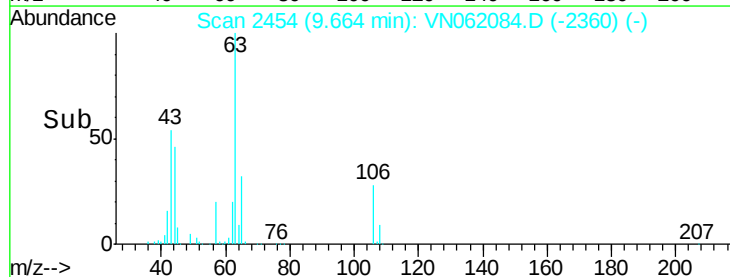
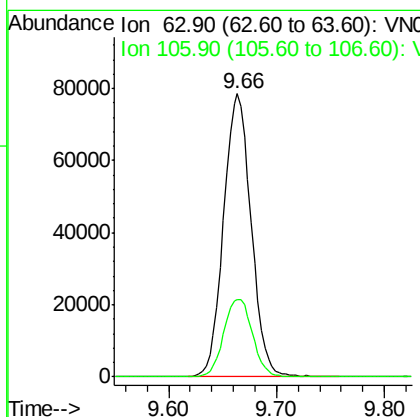
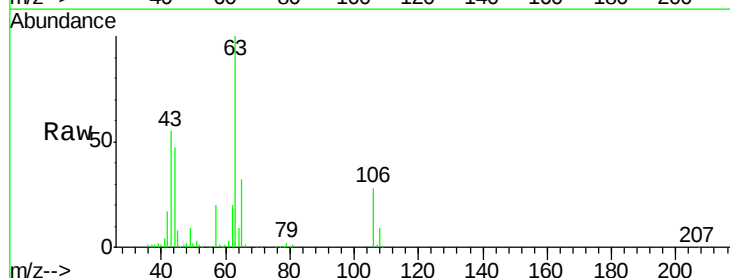
Manual Integrations
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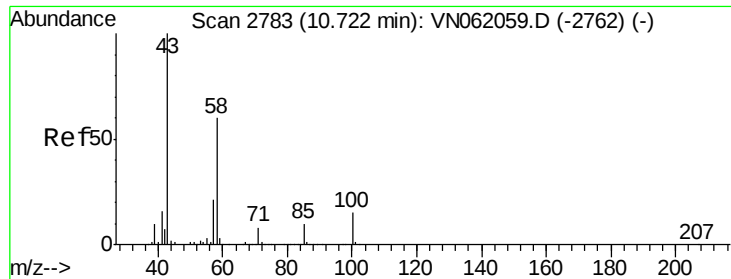
MMDadoda
 6/25/2020 6:10:52 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 88.865 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062084.D
 Acq: 25 Jun 2020 00:14

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.6	23.2	34.8





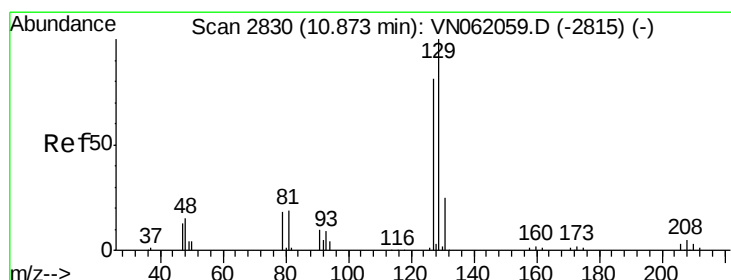
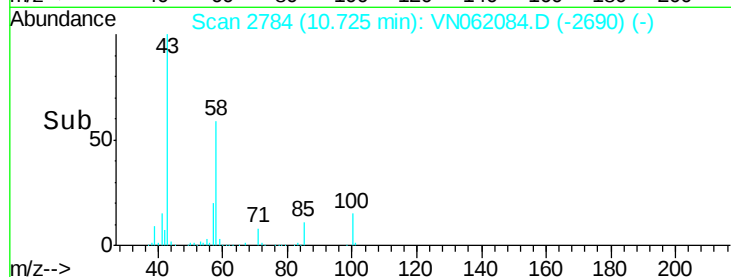
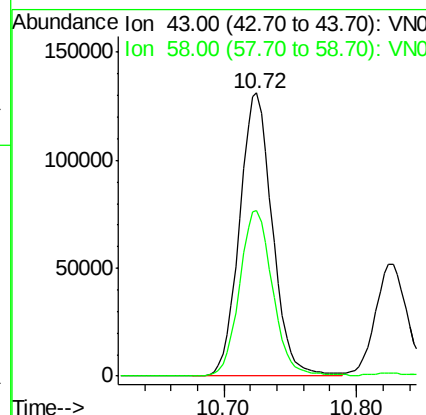
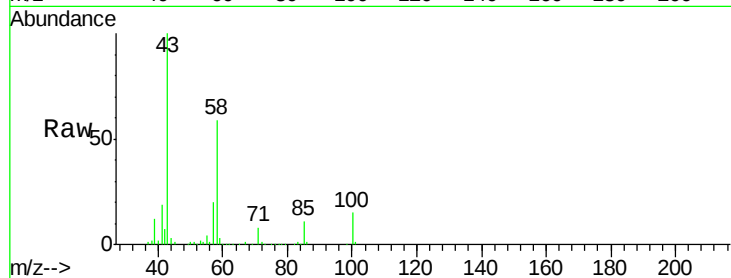
#59
2-Hexanone
Concen: 91.749 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062084.D
Acq: 25 Jun 2020 00:14

Instrument :
MSVOA_N
ClientSampleId :
VN0624MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	59.0	29.5	88.5

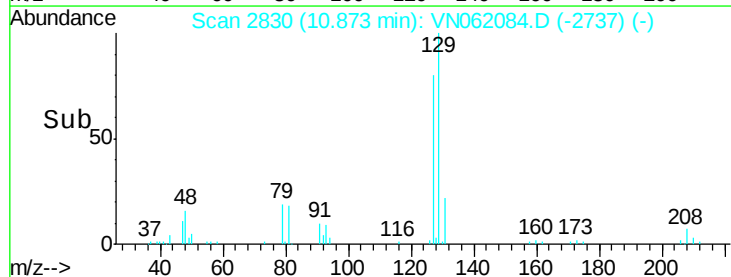
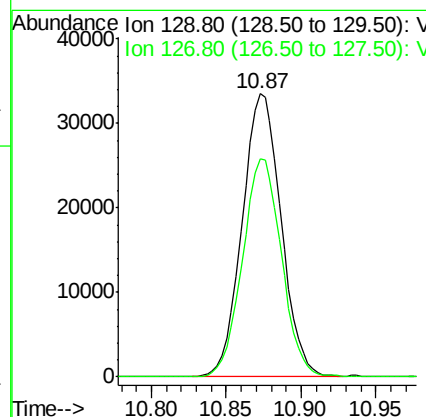
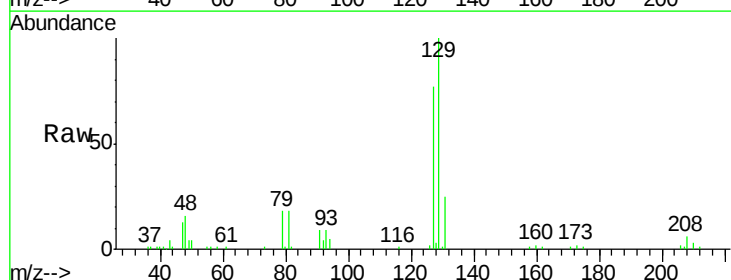
Manual Integrations
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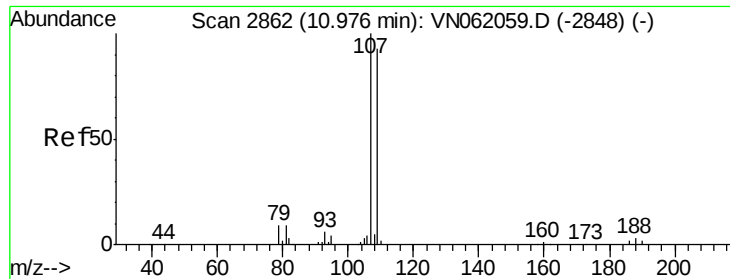
MMDadoda
6/25/2020 6:10:52 PM



#60
Dibromochloromethane
Concen: 18.139 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062084.D
Acq: 25 Jun 2020 00:14

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.1	39.5	118.5





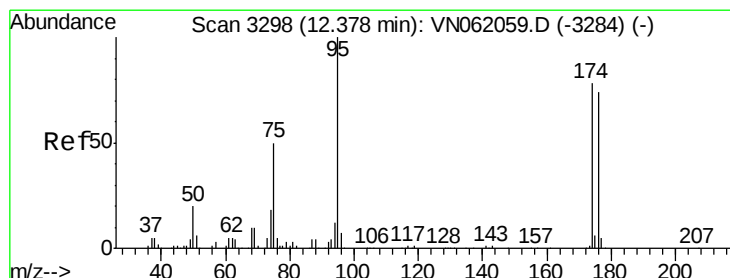
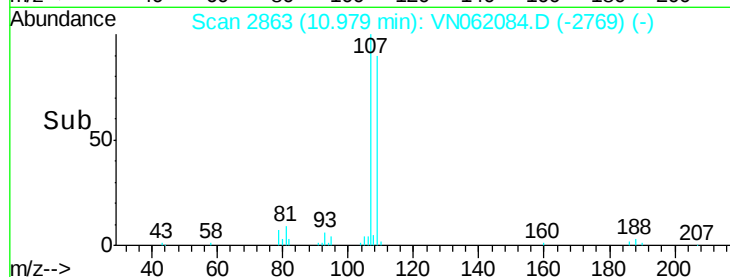
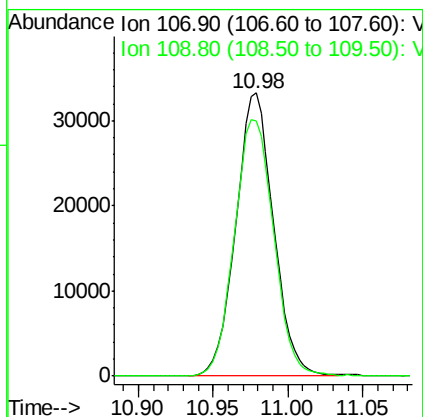
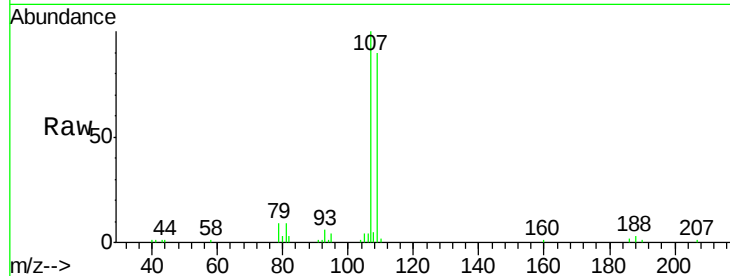
#61
 1,2-Dibromoethane
 Concen: 17.982 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN062084.D
 Acq: 25 Jun 2020 00:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624MBS01

Tot Ion: 107 Resp: 58367
 Ion Ratio Lower Upper
 107 100
 109 94.5 75.0 112.6

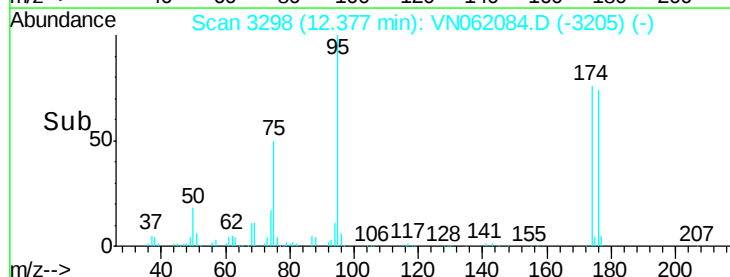
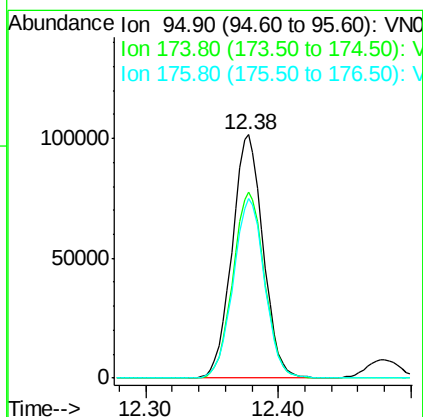
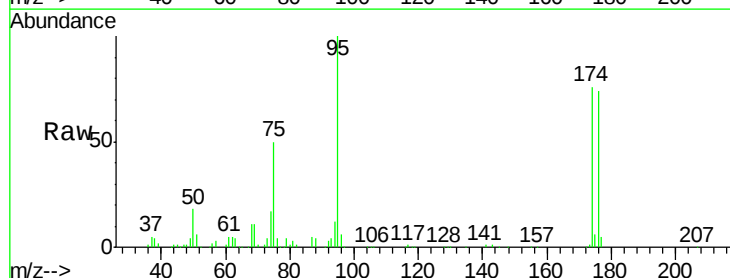
Manual Integrations
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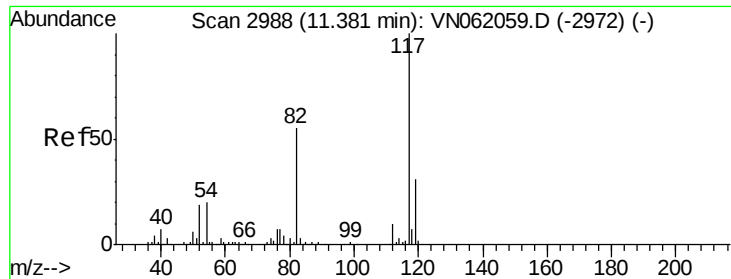
MMDadoda
 6/25/2020 6:10:52 PM



#62
 4-Bromofluorobenzene
 Concen: 44.289 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062084.D
 Acq: 25 Jun 2020 00:14

Tgt Ion: 95 Resp: 164969
 Ion Ratio Lower Upper
 95 100
 174 77.6 0.0 154.8
 176 74.4 0.0 147.4





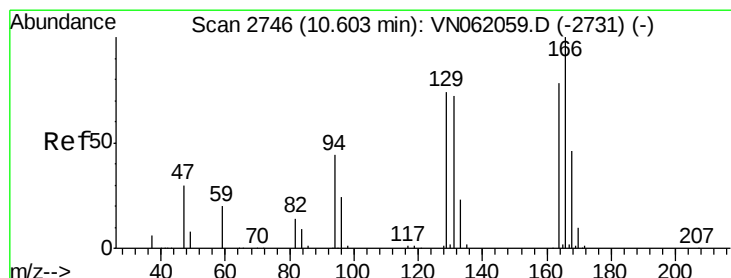
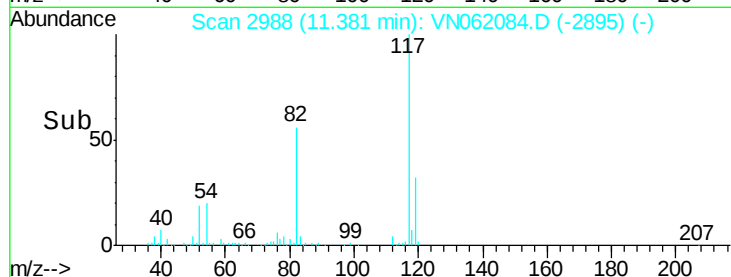
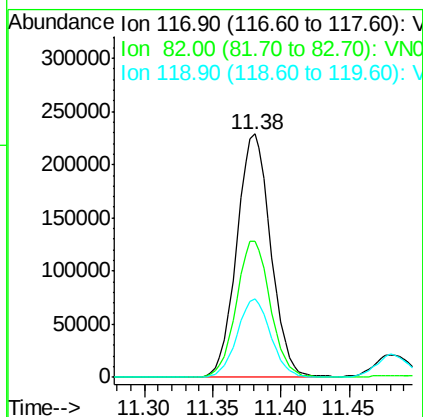
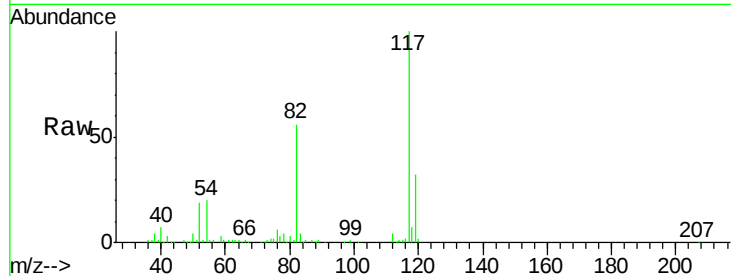
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062084.D
Acq: 25 Jun 2020 00:14

Instrument :
MSVOA_N
ClientSampleId :
VN0624MBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	395700		
82	56.0		43.8	65.8
119	32.1		25.2	37.8

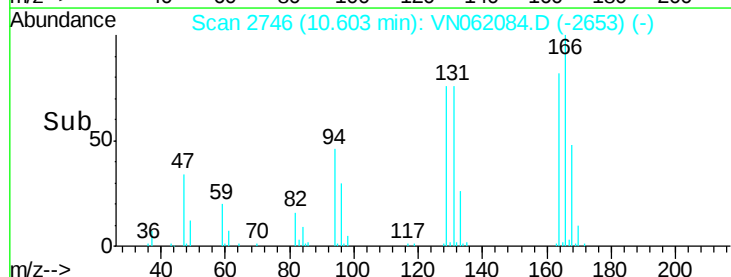
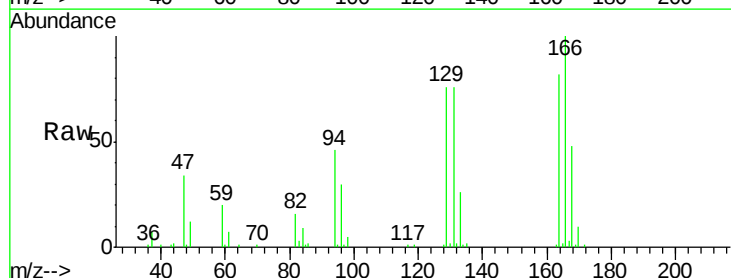
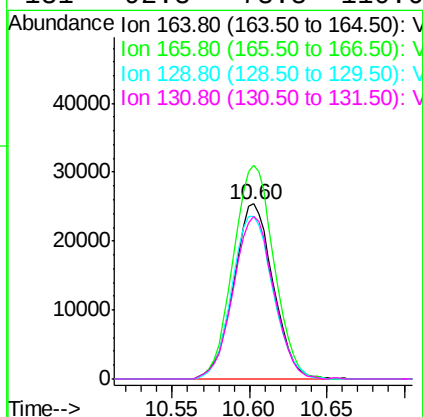
Manual Integrations
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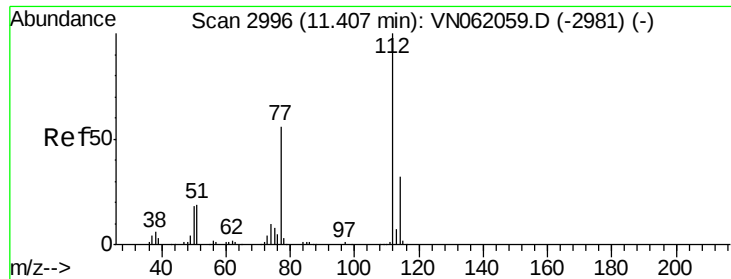
MMDadoda
6/25/2020 6:10:52 PM



#64
Tetrachloroethene
Concen: 16.728 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062084.D
Acq: 25 Jun 2020 00:14

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	45215		
166	122.1		102.9	154.3
129	93.3		75.8	113.8
131	92.8		73.8	110.6





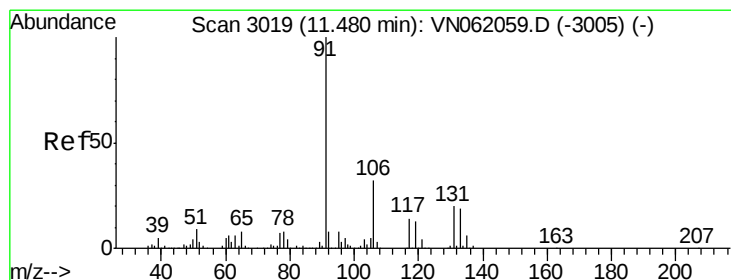
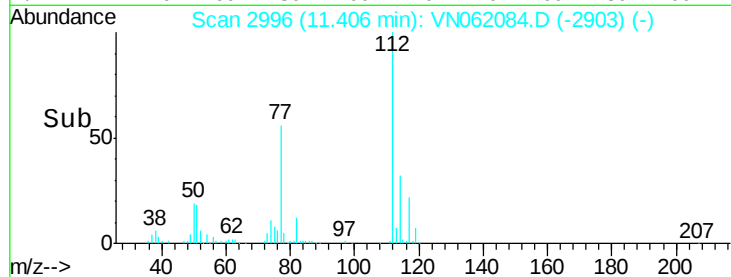
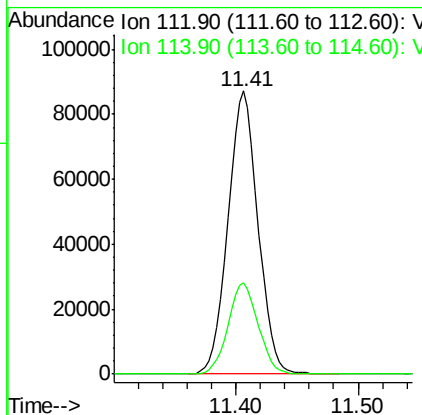
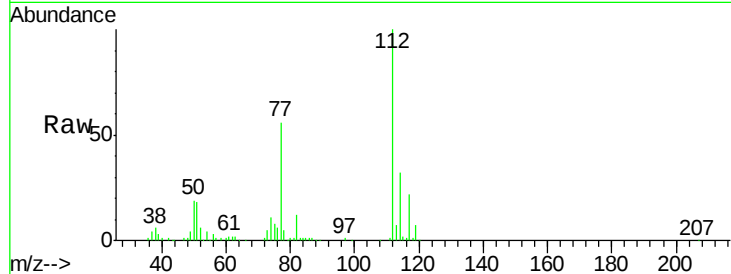
#65
Chlorobenzene
Concen: 17.178 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062084.D
Acq: 25 Jun 2020 00:14

Instrument :
MSVOA_N
ClientSampled :
VN0624MBS01

Tot Ion:112 Resp: 149273
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.8

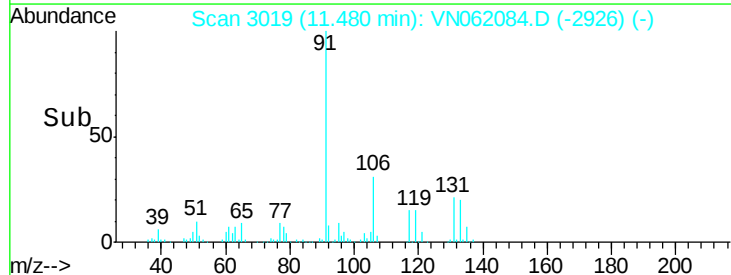
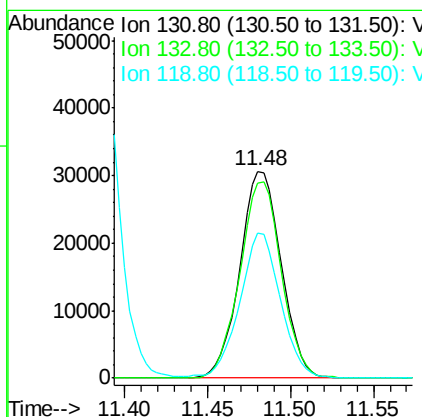
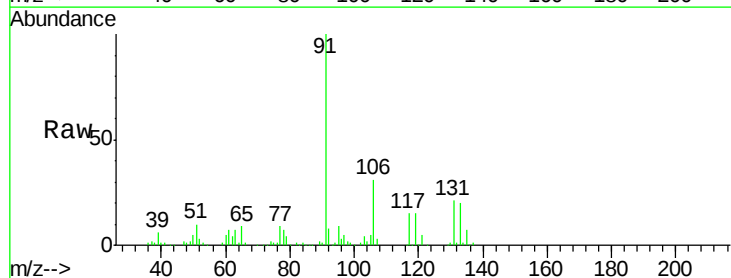
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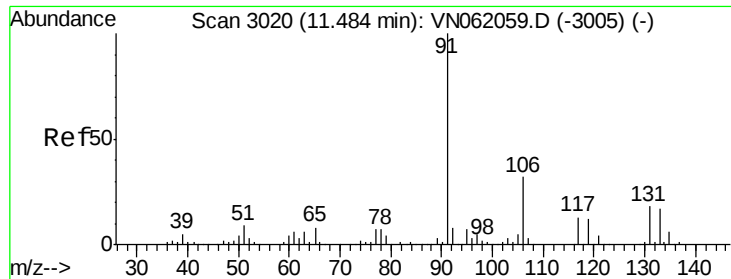
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 17.659 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062084.D
Acq: 25 Jun 2020 00:14

Tgt Ion:131 Resp: 53063
Ion Ratio Lower Upper
131 100
133 95.4 47.6 142.9
119 69.3 34.4 103.3





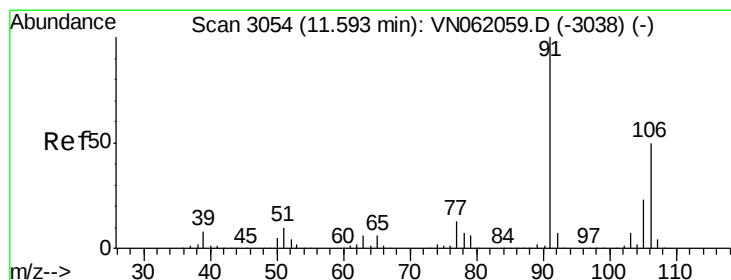
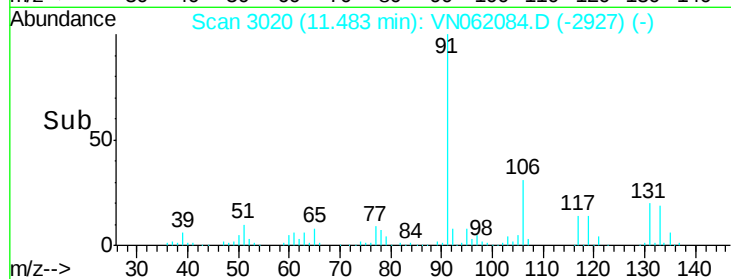
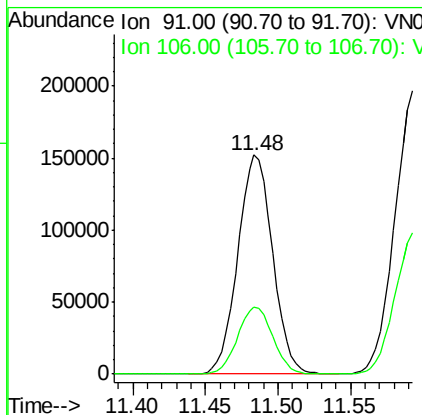
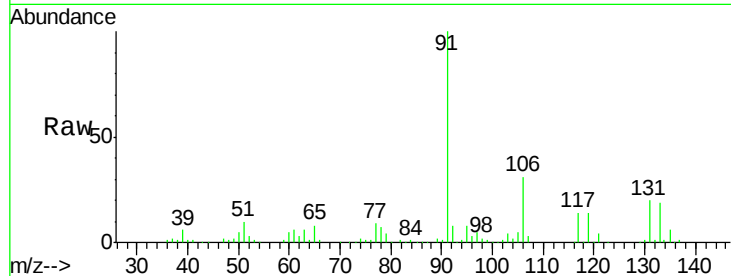
#67
Ethyl Benzene
Concen: 17.323 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062084.D
Acq: 25 Jun 2020 00:14

Instrument :
MSVOA_N
ClientSampled :
VN0624MBS01

Tot Ion: 91 Resp: 254224
Ion Ratio Lower Upper
91 100
106 30.9 25.3 37.9

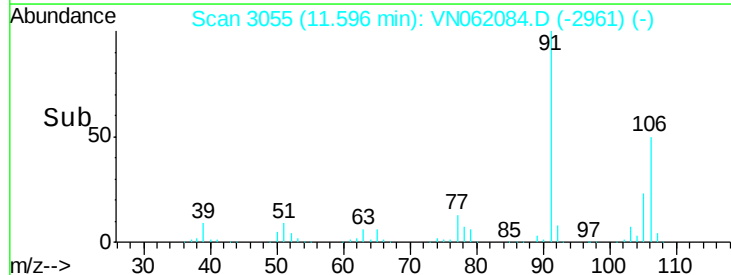
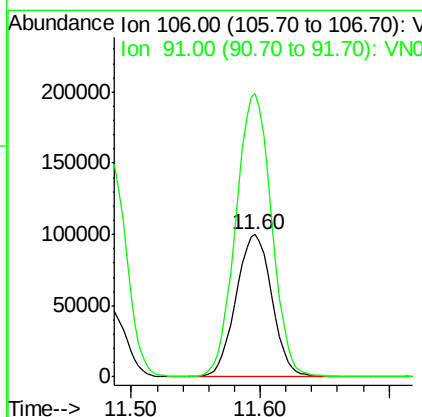
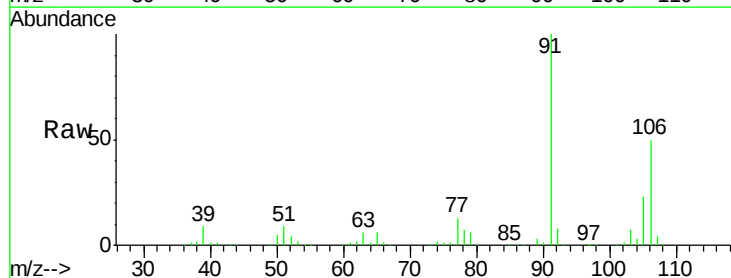
Manual Integrations
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#68
m/p-Xylenes
Concen: 34.205 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062084.D
Acq: 25 Jun 2020 00:14

Tgt Ion: 106 Resp: 194158
Ion Ratio Lower Upper
106 100
91 197.4 157.8 236.8





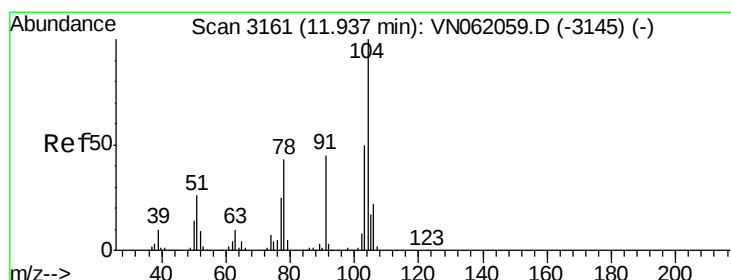
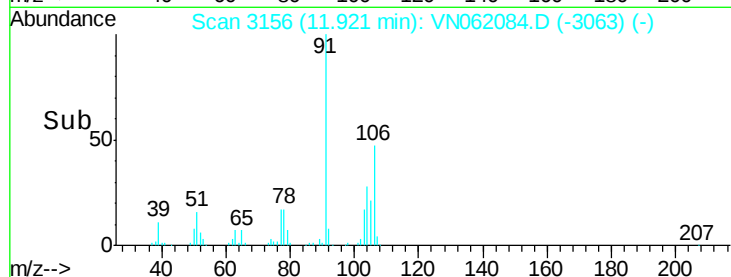
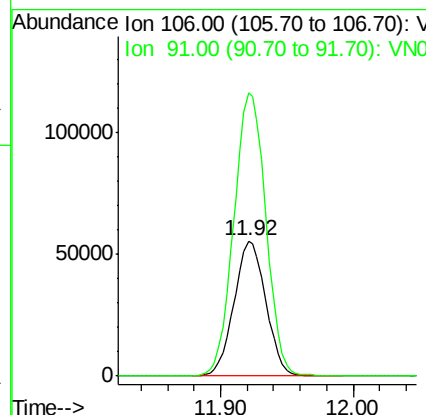
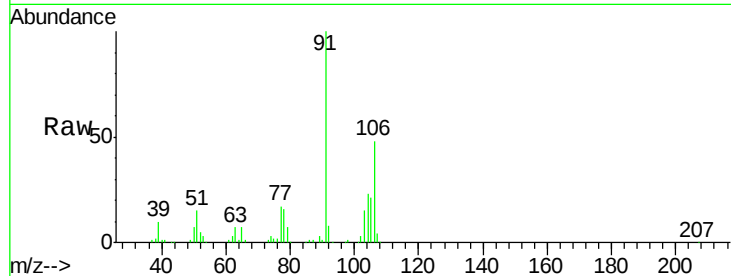
#69
o-Xylene
Concen: 17.265 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062084.D
Acq: 25 Jun 2020 00:14

Instrument :
MSVOA_N
ClientSampled :
VN0624MBS01

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	211.1	104.0	311.9	

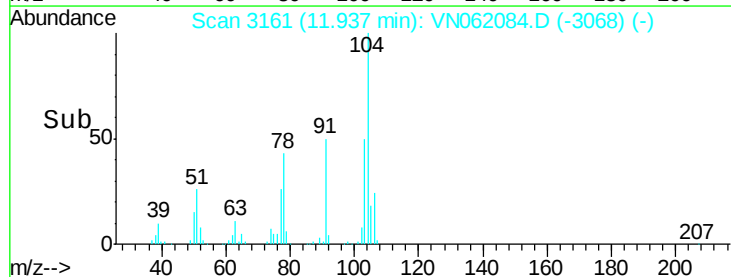
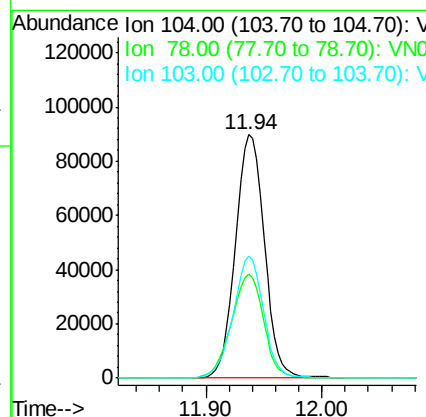
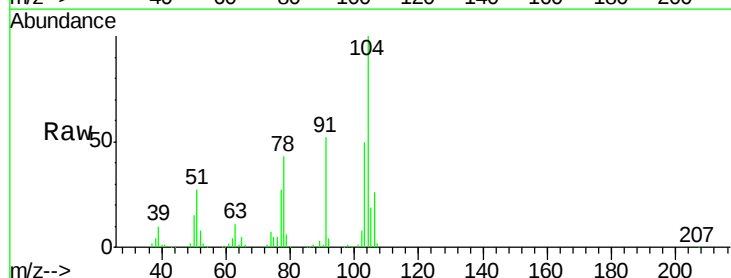
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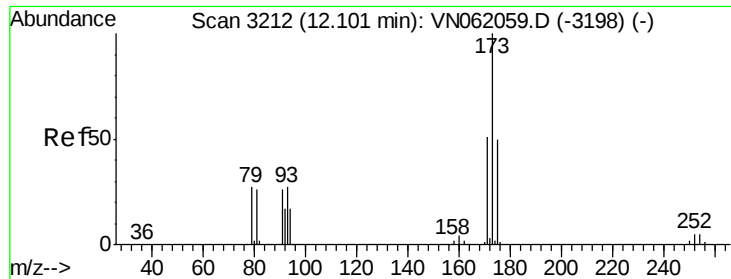
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#70
Styrene
Concen: 17.399 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062084.D
Acq: 25 Jun 2020 00:14

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	47.2	37.7	56.5	
103	52.7	43.0	64.6	





#71

Bromoform

Concen: 17.955 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062084.D

Acq: 25 Jun 2020 00:14

Instrument :

MSVOA_N

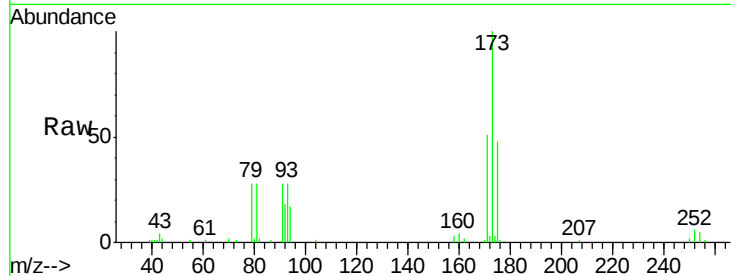
ClientSampleId :

VN0624MBS01

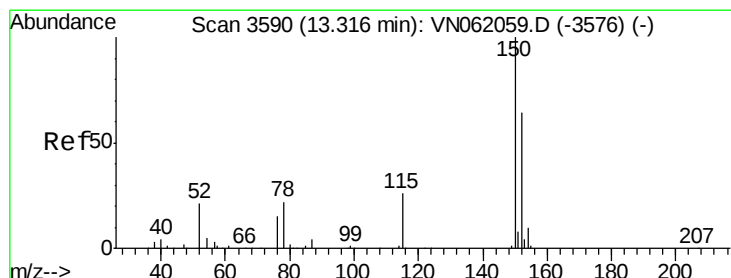
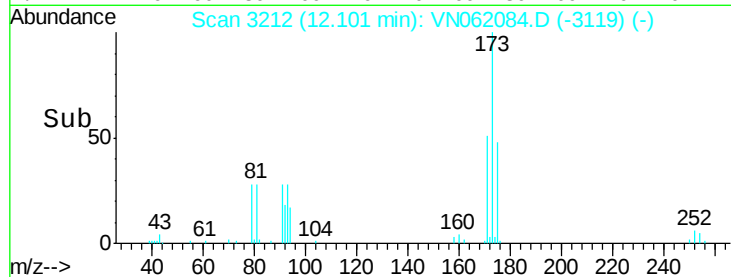
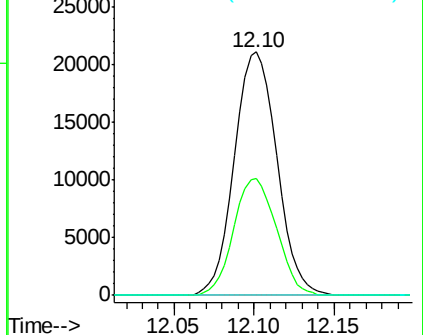
Tot Ion:	173	Resp:	38360
Ion Ratio	Lower	Upper	
173	100		
175	48.0	24.7	74.1
254	0.0	0.0	0.0

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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

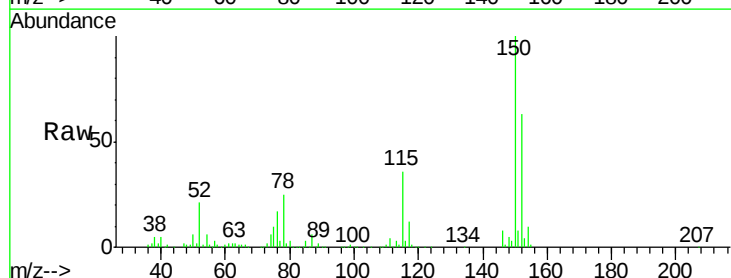
RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

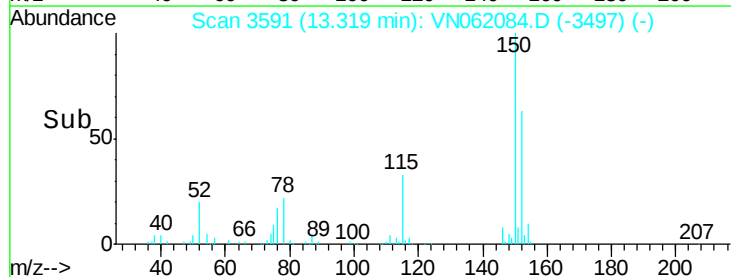
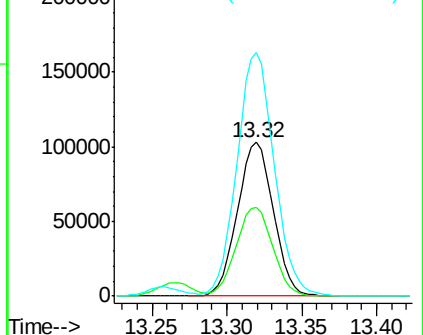
Lab File: VN062084.D

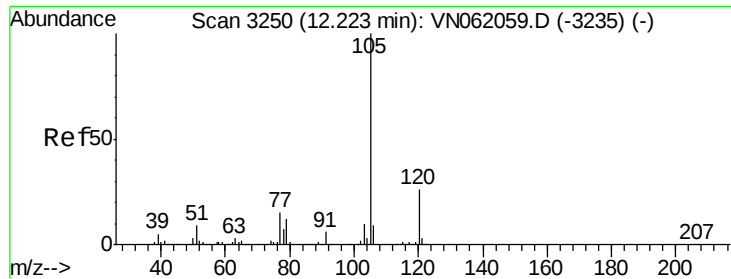
Acq: 25 Jun 2020 00:14

Tgt Ion:	152	Resp:	172671
Ion Ratio	Lower	Upper	
152	100		
115	58.4	29.5	88.5
150	163.8	0.0	351.4



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





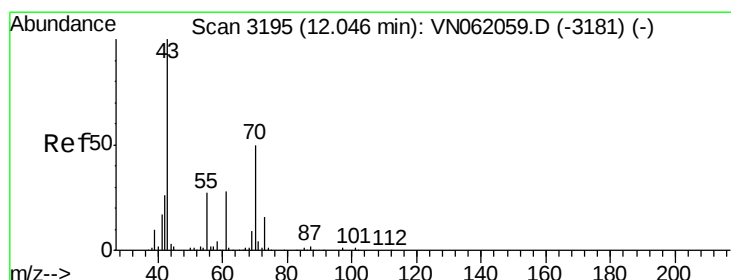
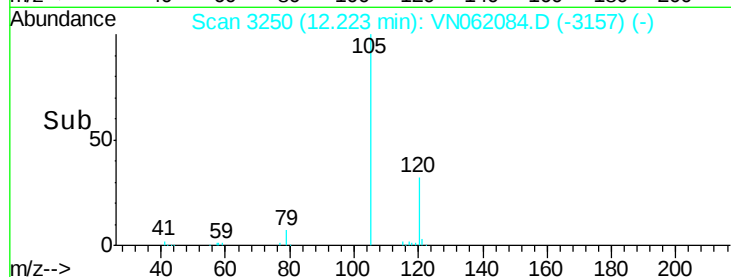
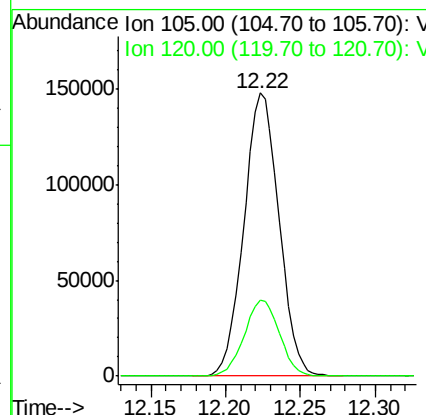
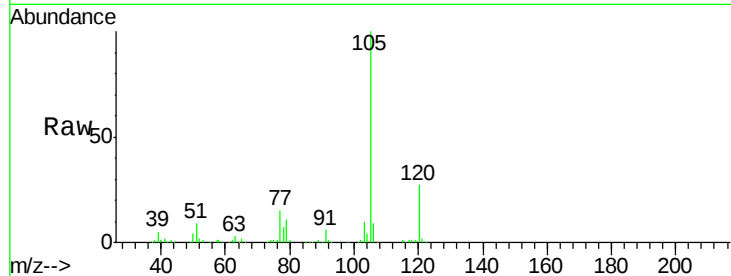
#73
Isopropylbenzene
Concen: 18.052 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. -0.00 min
Lab File: VN062084.D
Acq: 25 Jun 2020 00:14

Instrument :
MSVOA_N
ClientSampleId :
VN0624MBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.7	13.2	39.6

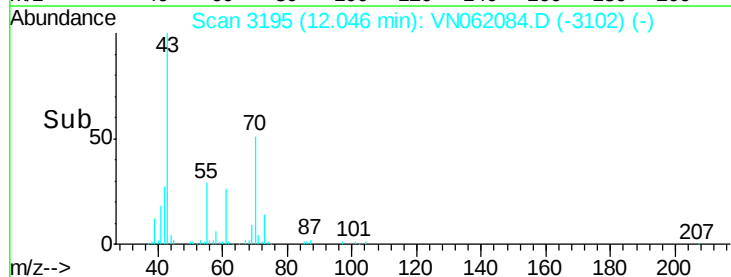
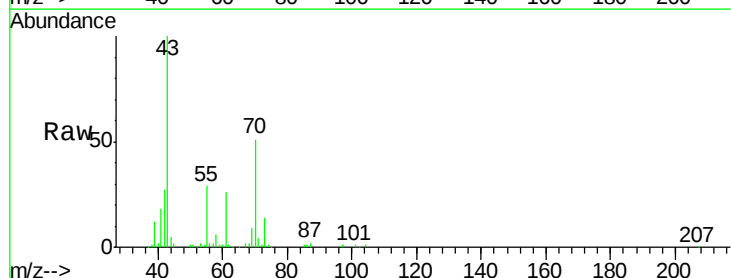
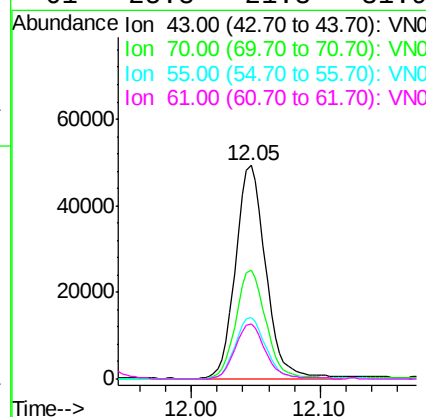
Manual Integrations
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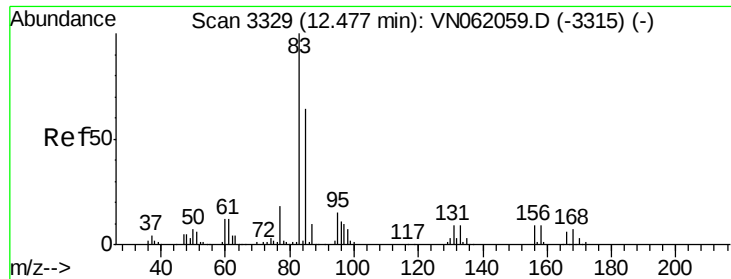
MMDadoda
6/25/2020 6:10:52 PM



#74
N-ethyl acetate
Concen: 18.703 ug/l
RT: 12.05 min Scan# 3195
Delta R.T. 0.00 min
Lab File: VN062084.D
Acq: 25 Jun 2020 00:14

Tgt Ion	Ratio	Lower	Upper
43	100		
70	51.0	39.4	59.2
55	29.2	21.7	32.5
61	25.8	21.3	31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 19.038 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062084.D

Acq: 25 Jun 2020 00:14

Instrument :

MSVOA_N

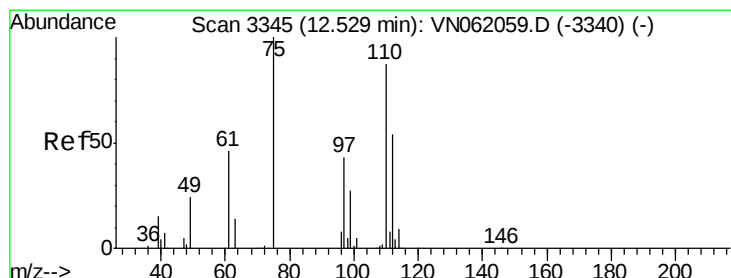
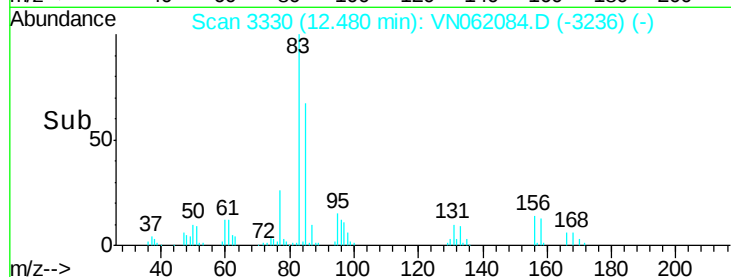
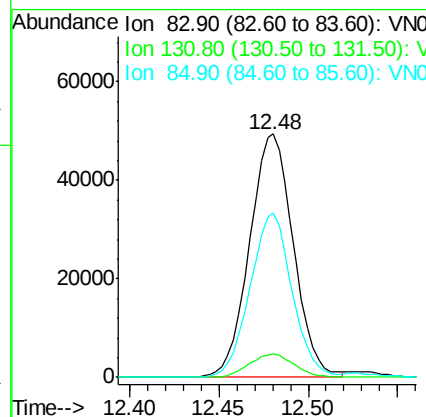
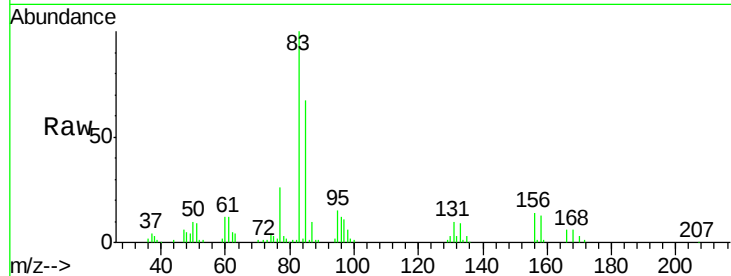
ClientSampleId :

VN0624MBS01

Tot Ion:	83	Resp:	84679
Ion Ratio	Lower	Upper	
83	100		
131	9.7	4.8	14.4
85	64.5	32.4	97.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 17.556 ug/l m

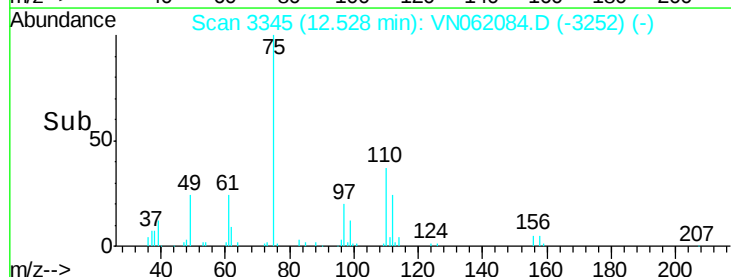
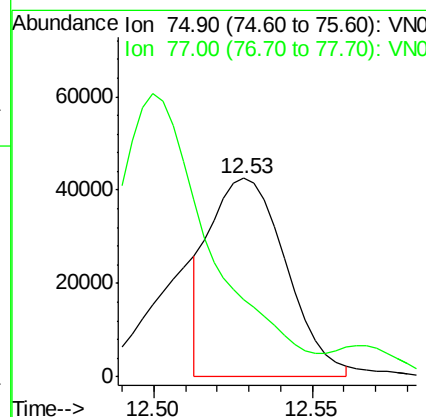
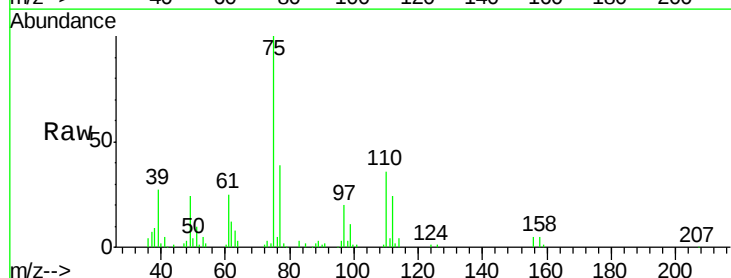
RT: 12.53 min Scan# 3345

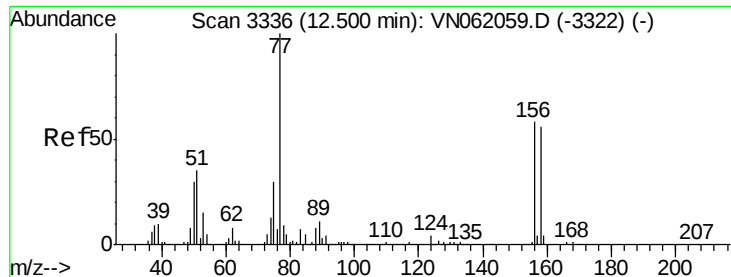
Delta R.T. -0.00 min

Lab File: VN062084.D

Acq: 25 Jun 2020 00:14

Tgt Ion:	75	Resp:	71361
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 17.972 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062084.D

Acq: 25 Jun 2020 00:14

Instrument :

MSVOA_N

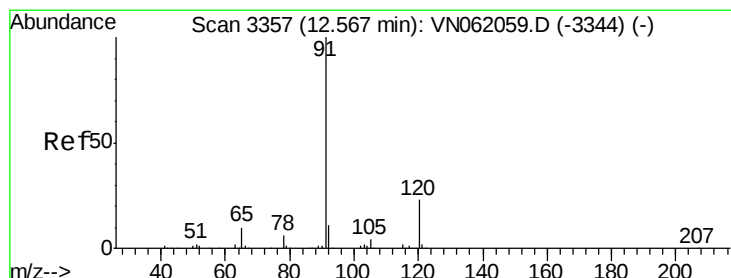
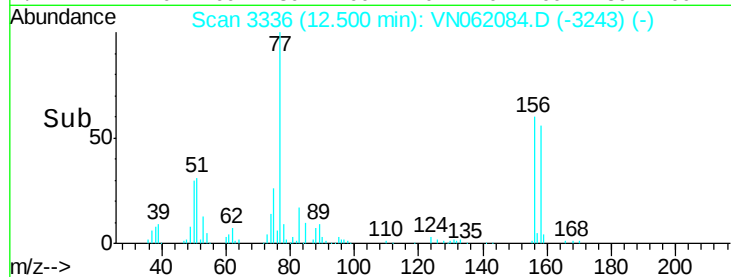
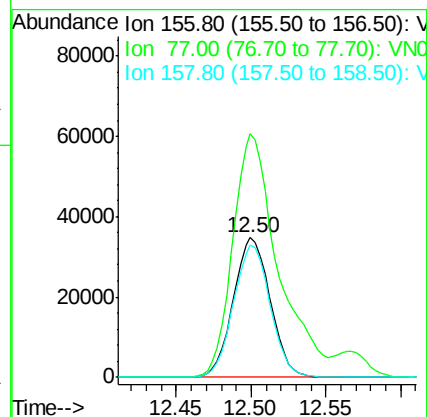
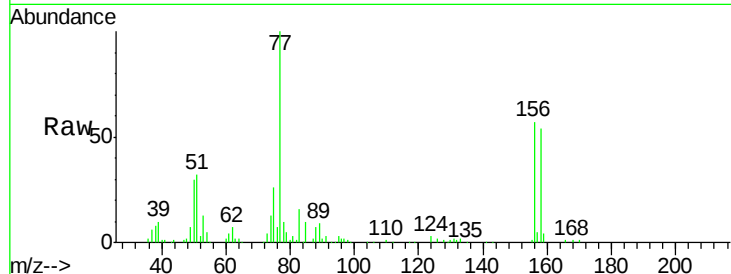
ClientSampleId :

VN0624MBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	213.8	104.6	313.8
158	94.7	48.0	144.0

Manual Integrations
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#78

n-propylbenzene

Concen: 17.657 ug/l

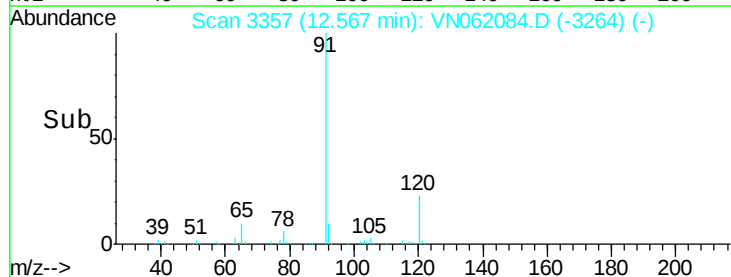
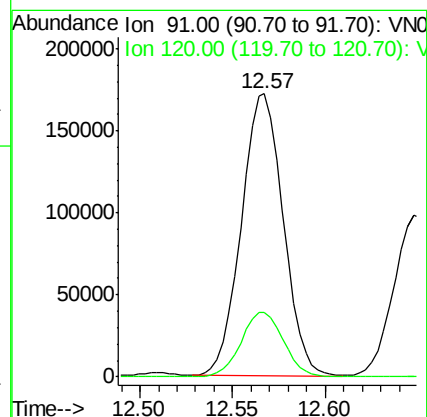
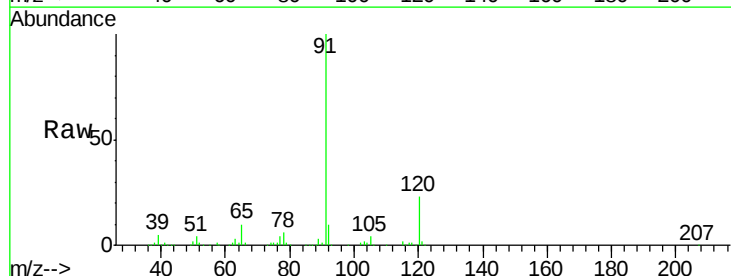
RT: 12.57 min Scan# 3357

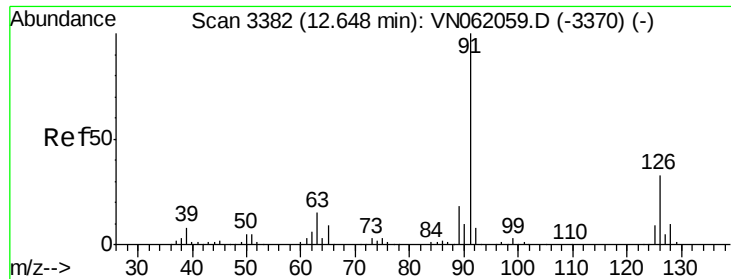
Delta R.T. -0.00 min

Lab File: VN062084.D

Acq: 25 Jun 2020 00:14

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.2	11.4	34.1





#79

2-Chlorotoluene

Concen: 17.819 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062084.D

Acq: 25 Jun 2020 00:14

Instrument :

MSVOA_N

ClientSampleId :

VN0624MBS01

Tot Ion: 91 Resp: 164697

Ion Ratio Lower Upper

91 100

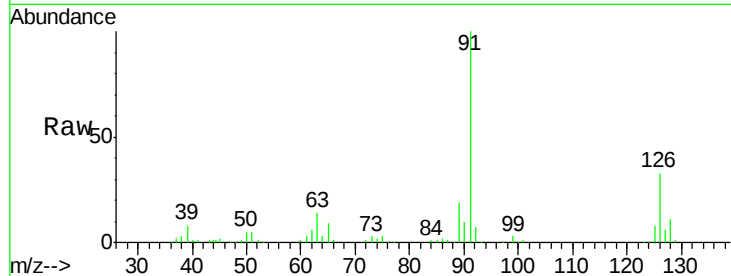
126 33.4 16.9 50.7

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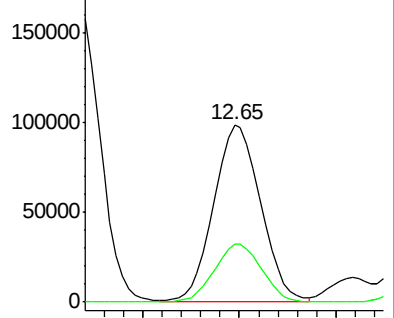
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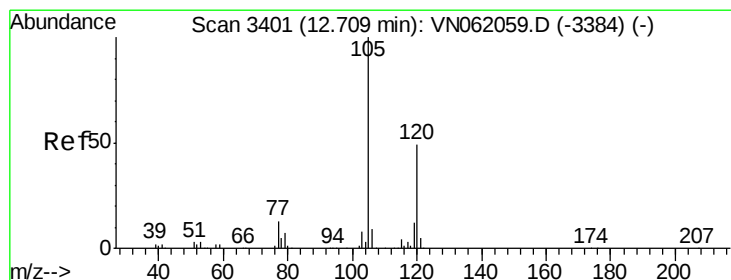
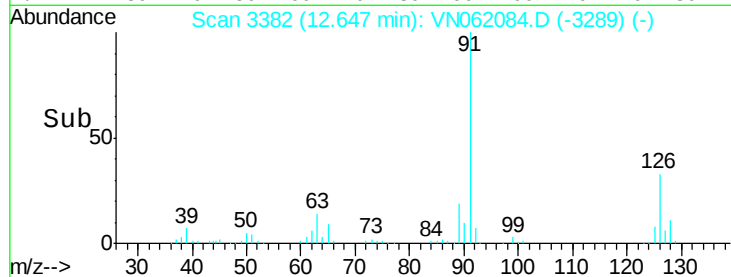


Abundance Ion 91.00 (90.70 to 91.70): VN062059.D (-3370) (-)

Ion 125.90 (125.60 to 126.60): VN062059.D (-3370) (-)



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 18.186 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062084.D

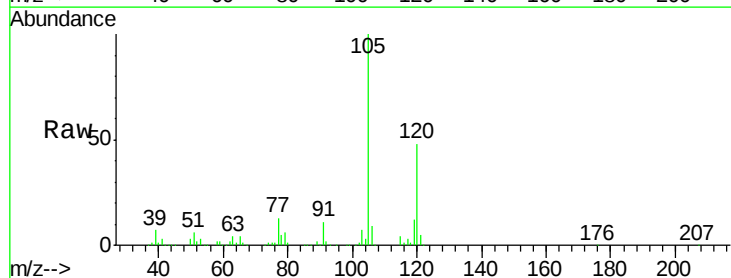
Acq: 25 Jun 2020 00:14

Tgt Ion: 105 Resp: 197054

Ion Ratio Lower Upper

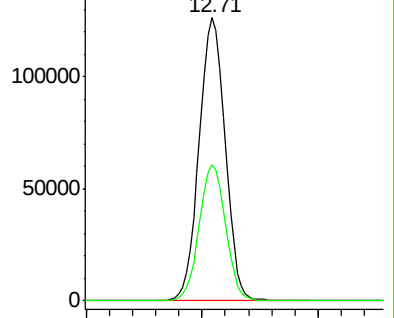
105 100

120 48.6 24.6 74.0

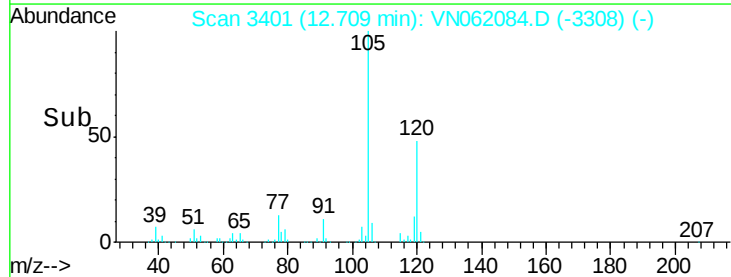


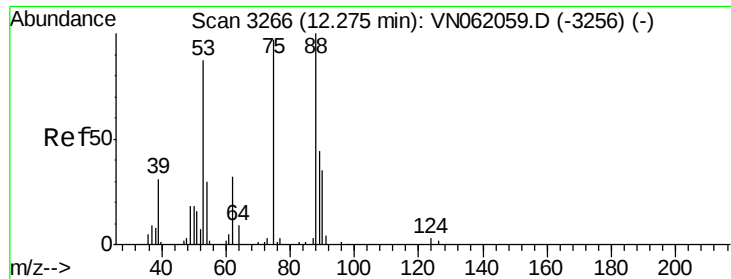
Abundance Ion 105.00 (104.70 to 105.70): VN062059.D (-3384) (-)

Ion 120.00 (119.70 to 120.70): VN062059.D (-3384) (-)



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 16.317 ug/l

RT: 12.28 min Scan# 3267

Delta R.T. 0.00 min

Lab File: VN062084.D

Acq: 25 Jun 2020 00:14

Instrument :

MSVOA_N

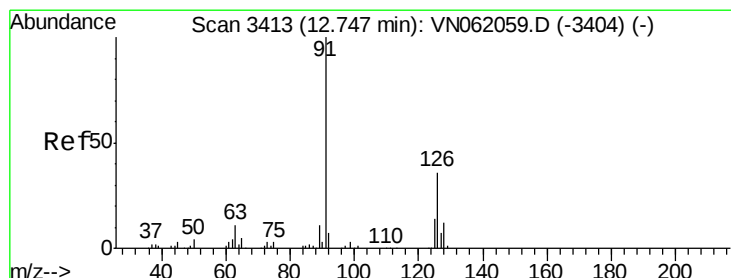
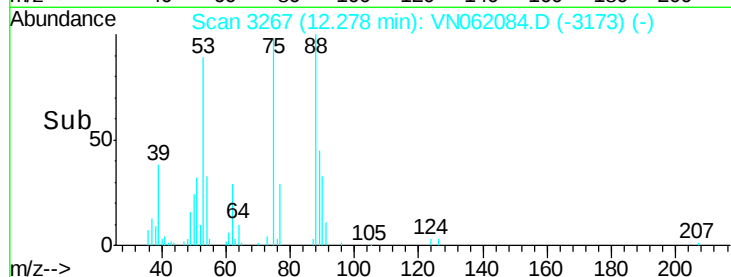
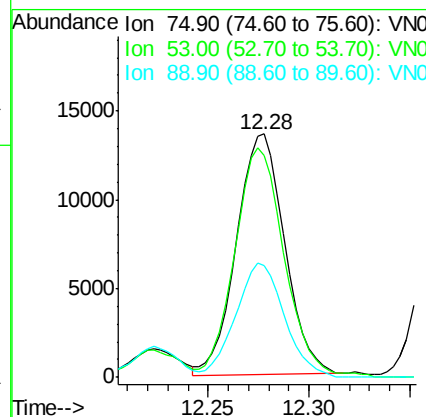
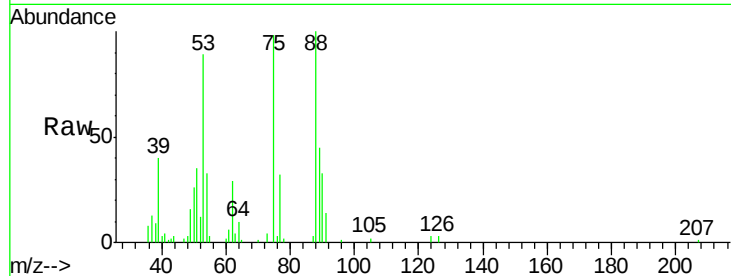
ClientSampleId :

VN0624MBS01

Tot Ion:	75	Resp:	22711
Ion	Ratio	Lower	Upper
75	100		
53	98.1	72.0	108.0
89	48.0	36.9	55.3

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#82

4-Chlorotoluene

Concen: 17.171 ug/l

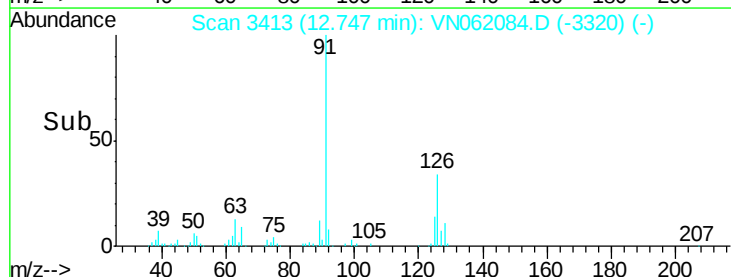
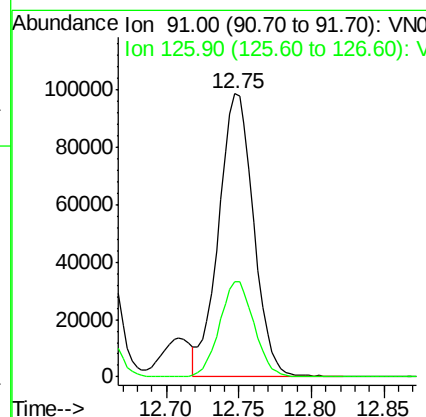
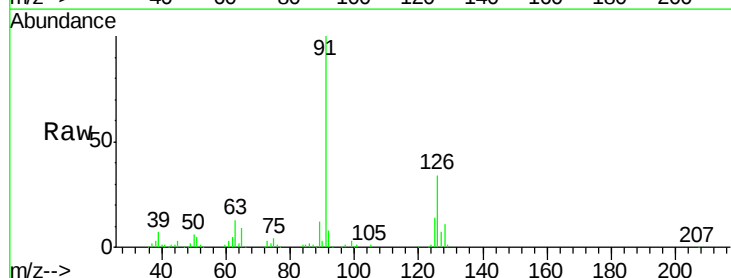
RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062084.D

Acq: 25 Jun 2020 00:14

Tgt Ion:	91	Resp:	164124
Ion	Ratio	Lower	Upper
91	100		
126	33.5	16.7	50.1





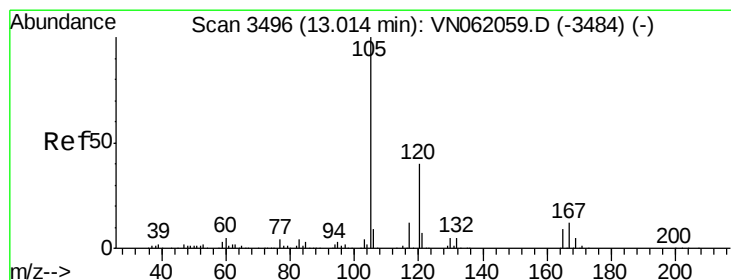
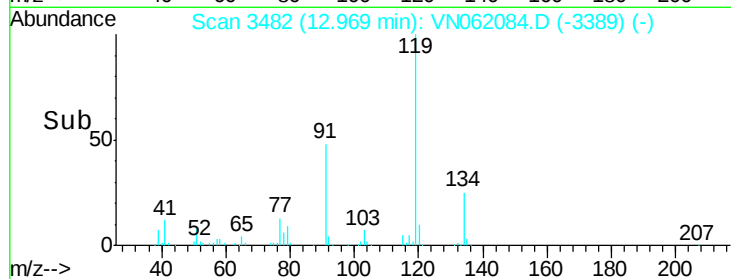
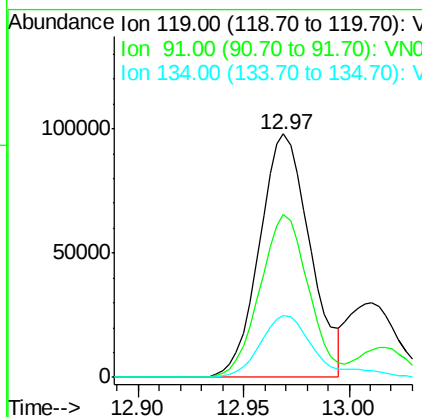
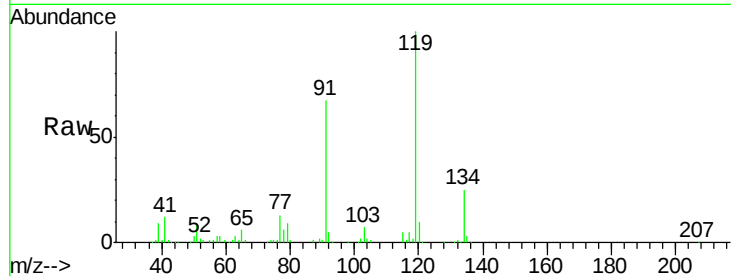
#83
 tert-Butylbenzene
 Concen: 17.618 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062084.D
 Acq: 25 Jun 2020 00:14

Instrument :
 MSVOA_N
 ClientSampled :
 VN0624MBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.4	31.7	95.1
134	27.6	13.1	39.1

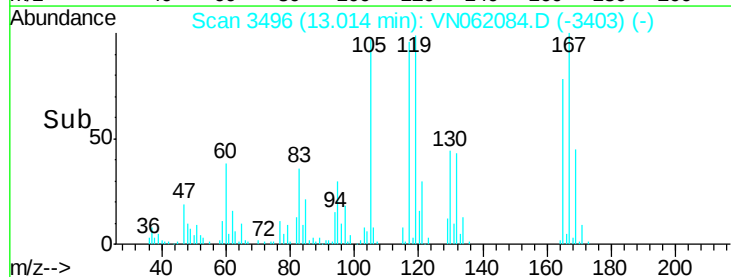
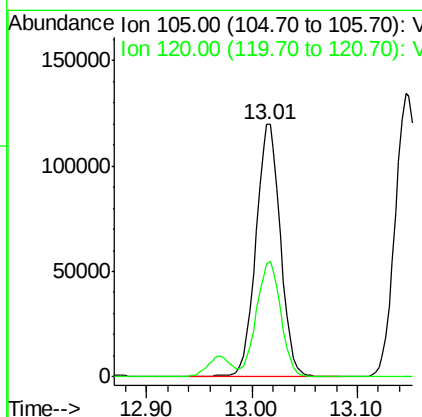
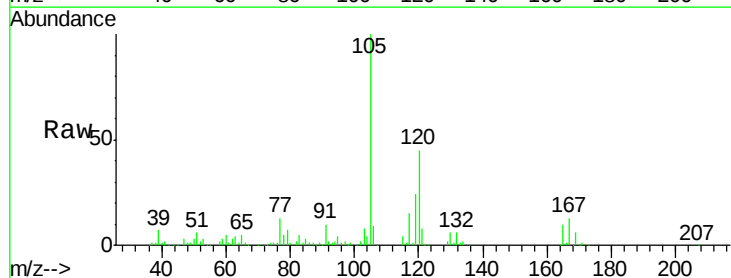
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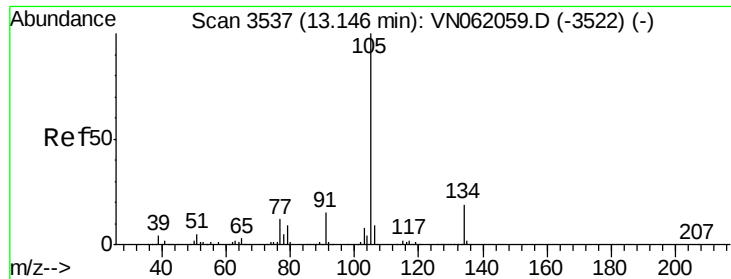
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#84
 1,2,4-Trimethylbenzene
 Concen: 17.983 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062084.D
 Acq: 25 Jun 2020 00:14

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.5	23.2	69.5





#85

sec-Butylbenzene

Concen: 17.468 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062084.D

Acq: 25 Jun 2020 00:14

Instrument :

MSVOA_N

ClientSampled :

VN0624MBS01

Tot Ion:105 Resp: 214038

Ion Ratio Lower Upper

105 100

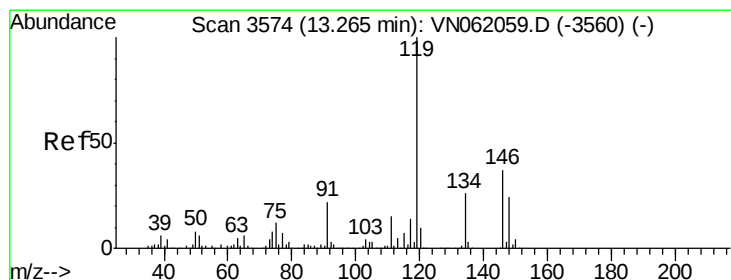
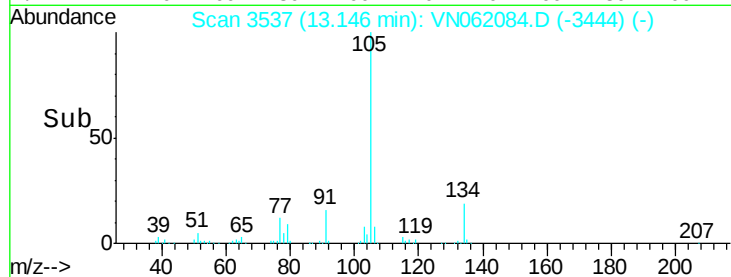
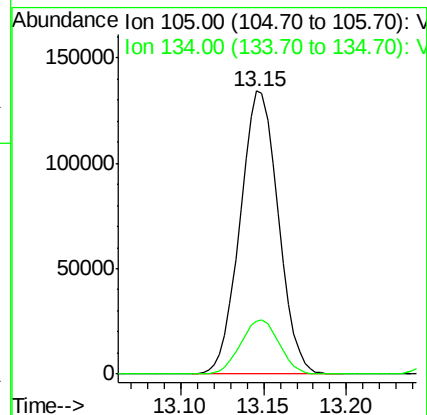
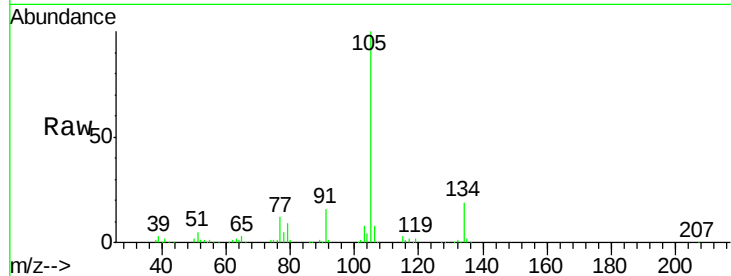
134 19.5 9.7 29.1

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#86

p-Isopropyltoluene

Concen: 17.406 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062084.D

Acq: 25 Jun 2020 00:14

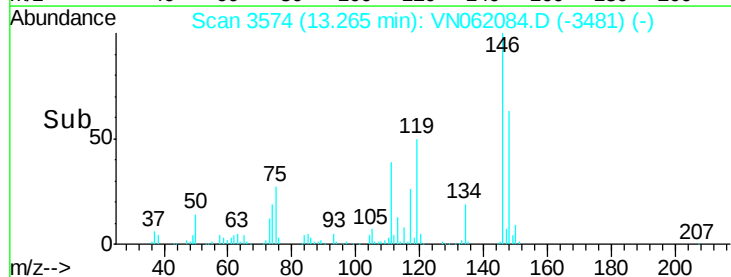
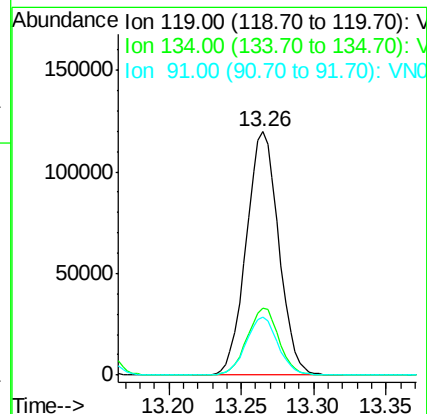
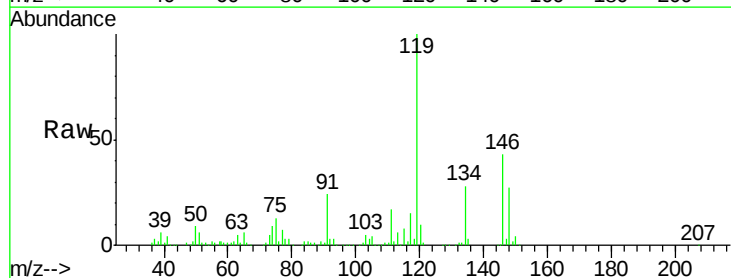
Tgt Ion:119 Resp: 186851

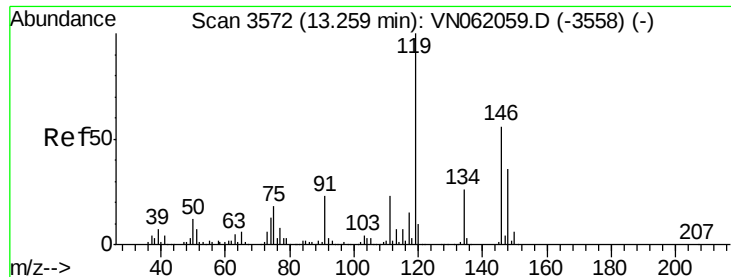
Ion Ratio Lower Upper

119 100

134 26.9 13.0 39.0

91 23.6 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 17.391 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. -0.00 min

Lab File: VN062084.D

Acq: 25 Jun 2020 00:14

Instrument :

MSVOA_N

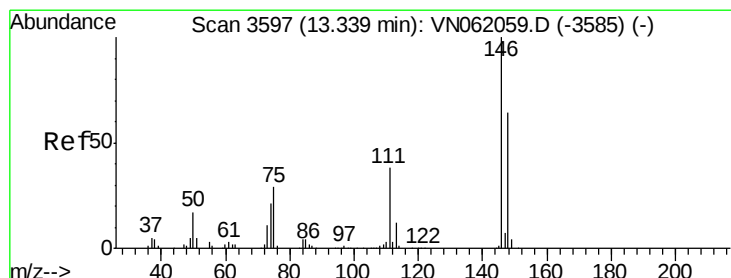
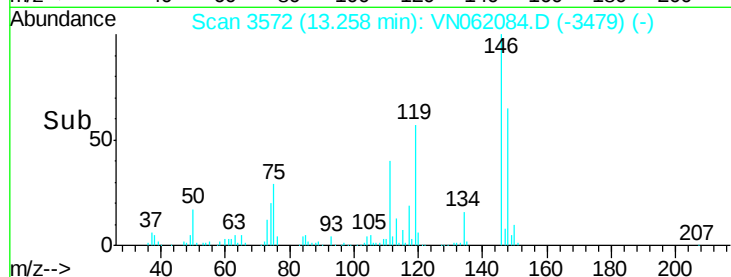
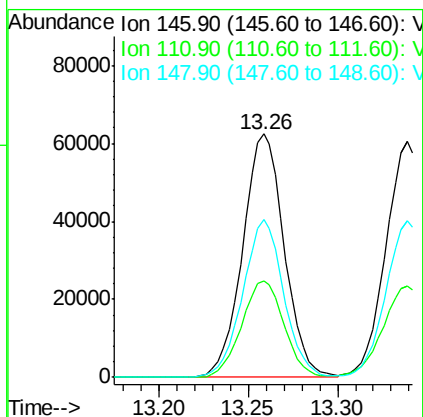
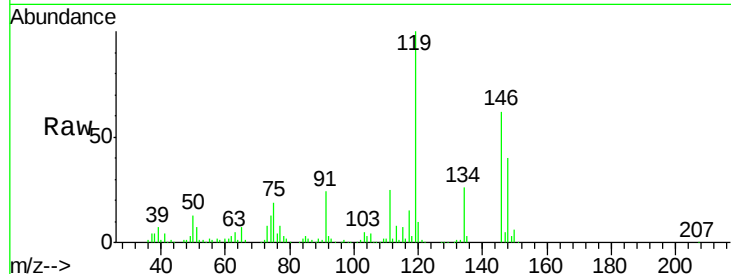
ClientSampleId :

VN0624MBS01

Tot Ion:	146	Resp:	101340
Ion Ratio	Lower	Upper	
146	100		
111	40.4	20.3	61.0
148	63.9	31.8	95.3

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#88

1,4-Dichlorobenzene

Concen: 16.241 ug/l

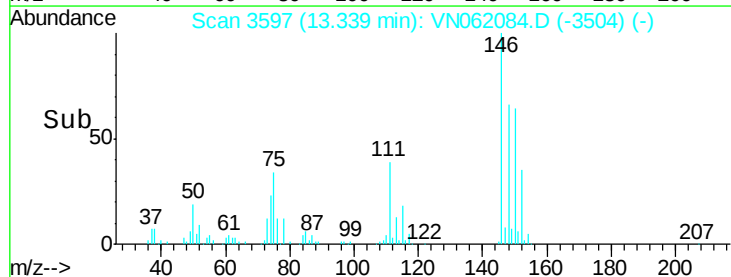
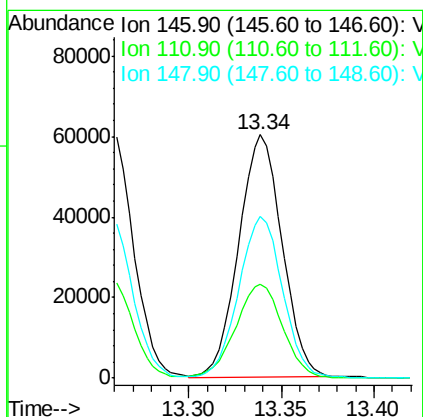
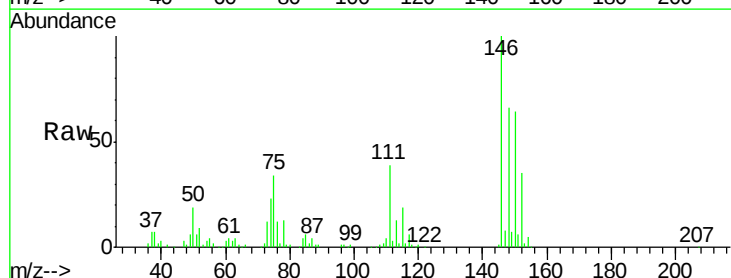
RT: 13.34 min Scan# 3597

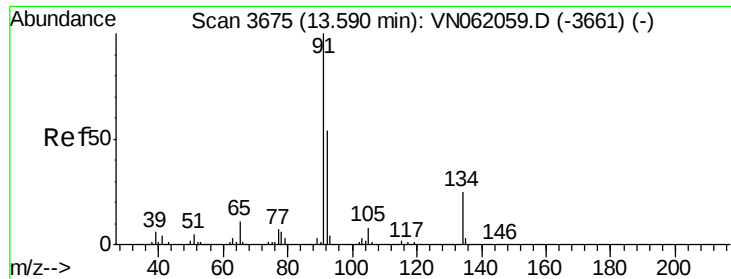
Delta R.T. -0.00 min

Lab File: VN062084.D

Acq: 25 Jun 2020 00:14

Tgt Ion:	146	Resp:	97550
Ion Ratio	Lower	Upper	
146	100		
111	42.5	19.9	59.6
148	68.0	31.9	95.9





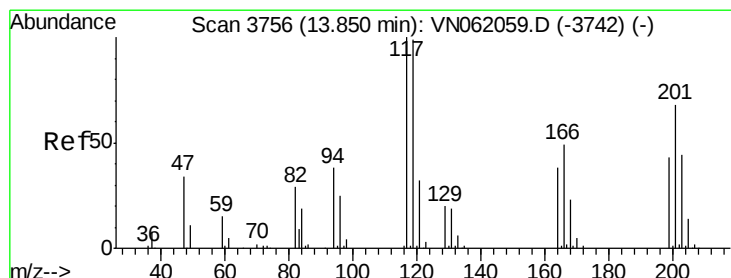
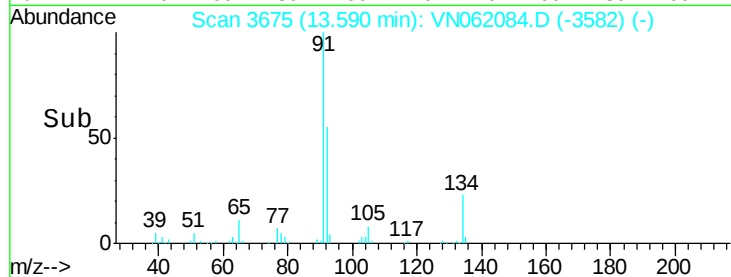
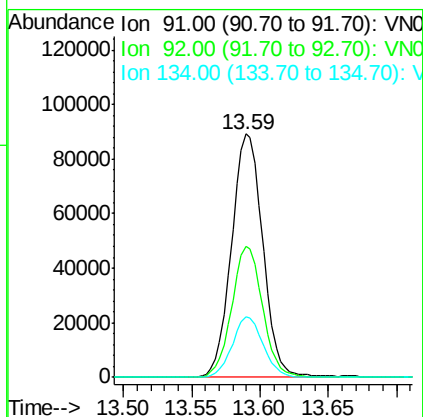
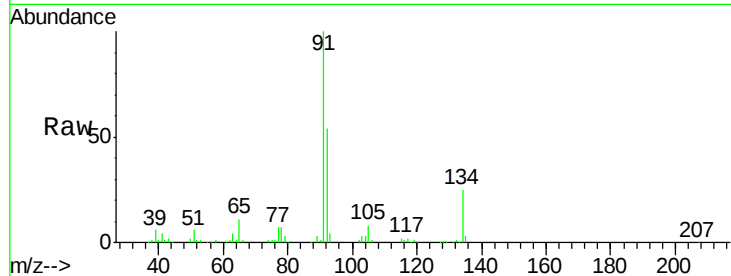
#89
n-Butylbenzene
Concen: 15.942 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062084.D
Acq: 25 Jun 2020 00:14

Instrument :
MSVOA_N
ClientSampleId :
VN0624MBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.6	79.7
134	24.5	12.3	36.9

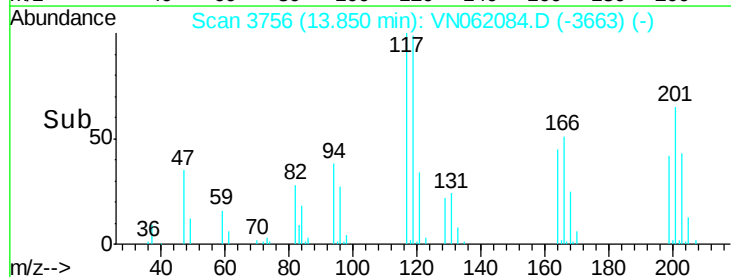
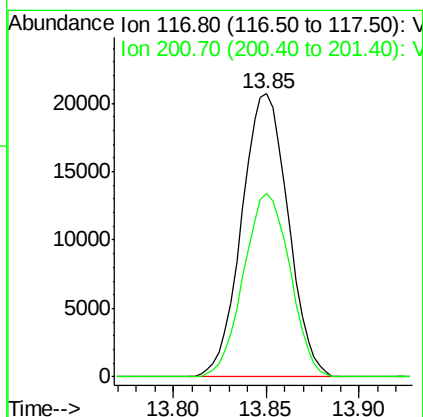
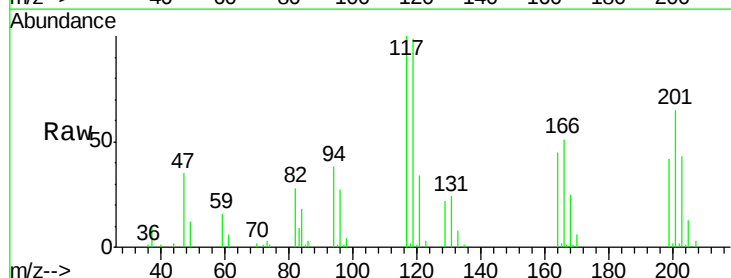
Manual Integrations
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#90
Hexachloroethane
Concen: 17.070 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062084.D
Acq: 25 Jun 2020 00:14

Tgt Ion	Ratio	Lower	Upper
117	100		
201	64.6	32.7	98.1





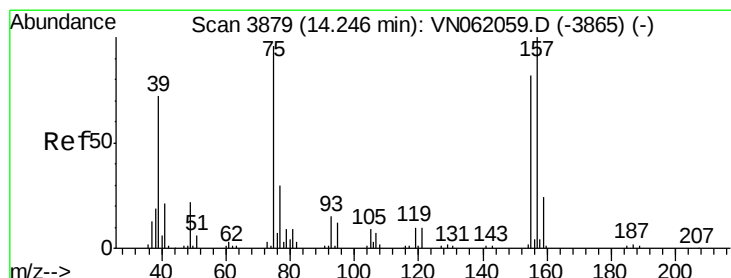
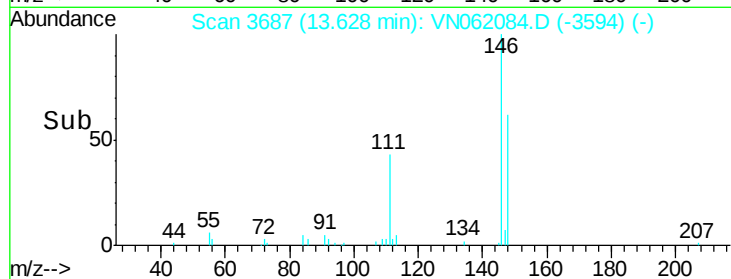
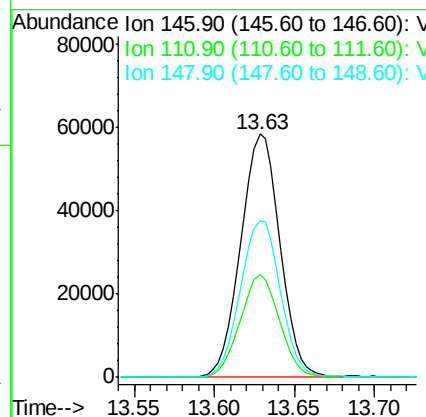
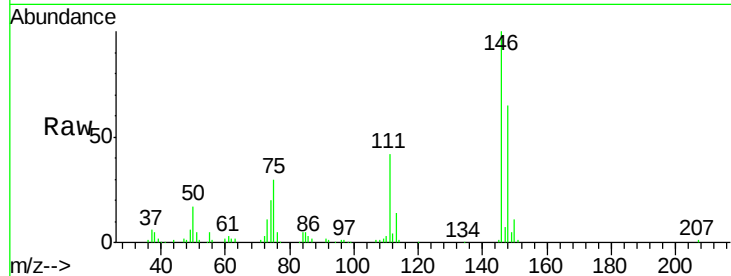
#91
 1,2-Dichlorobenzene
 Concen: 17.308 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062084.D
 Acq: 25 Jun 2020 00:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.2	63.6
148	65.8	31.9	95.5

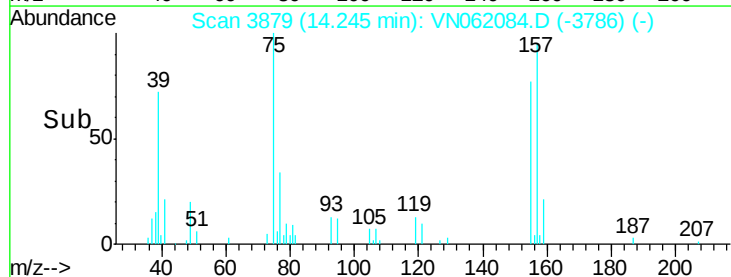
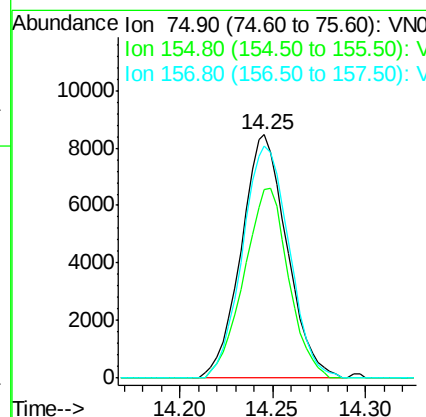
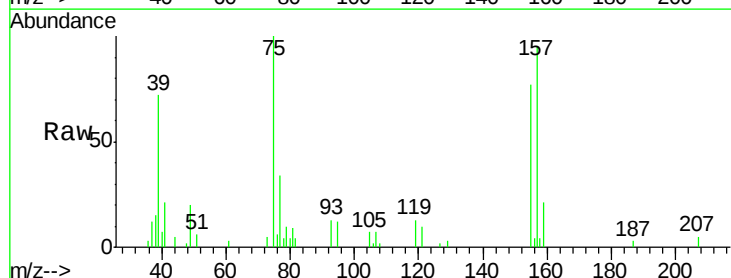
Manual Integrations
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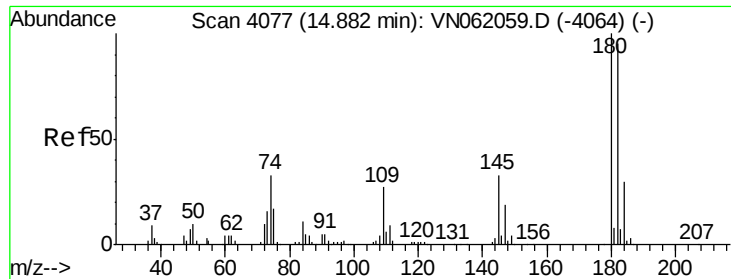
MMDadoda
 6/25/2020 6:10:52 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.320 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN062084.D
 Acq: 25 Jun 2020 00:14

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.8	40.8	122.4
157	97.3	51.4	154.3





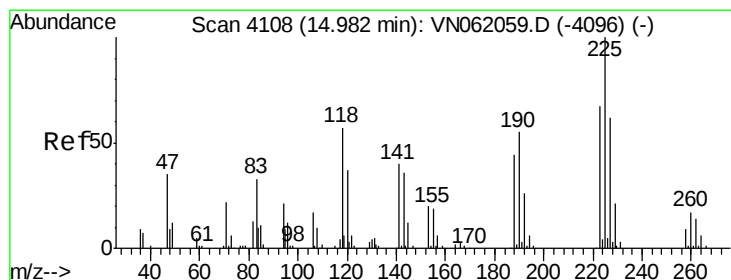
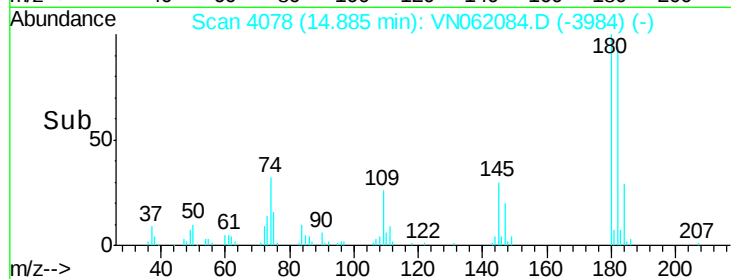
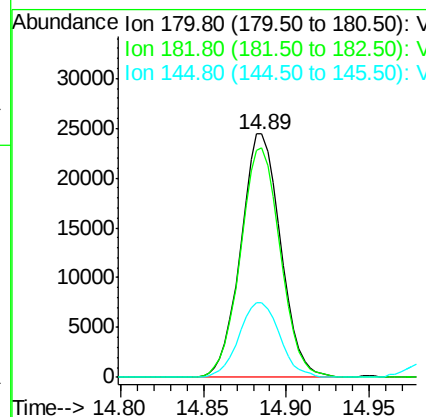
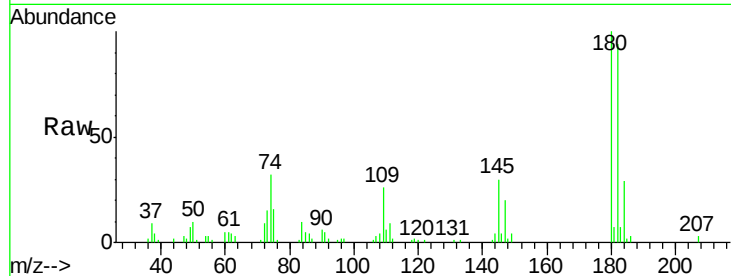
#93
 1,2,4-Trichlorobenzene
 Concen: 16.560 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN062084.D
 Acq: 25 Jun 2020 00:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624MBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.4	48.0	144.2
145	31.4	16.0	48.0

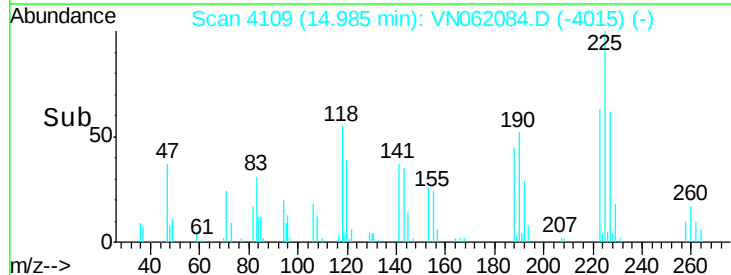
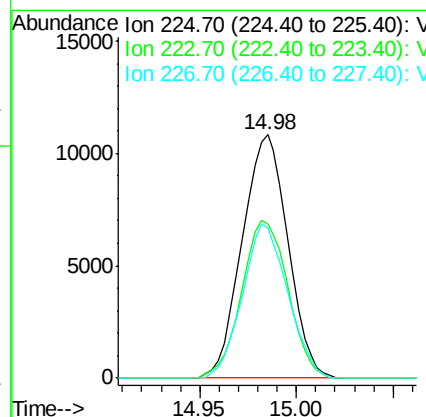
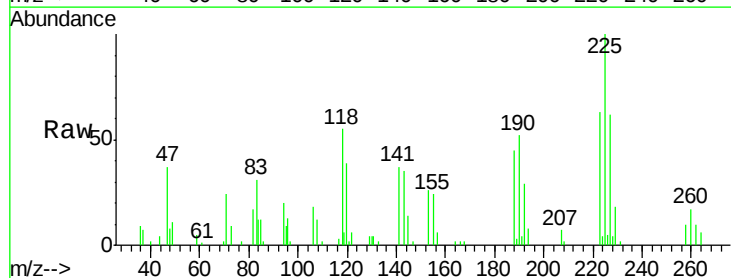
Manual Integrations
 APPROVED

MMDadoda
 6/25/2020 6:10:52 PM



#94
 Hexachlorobutadiene
 Concen: 16.621 ug/l
 RT: 14.98 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN062084.D
 Acq: 25 Jun 2020 00:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.4	32.9	98.7
227	62.3	31.3	93.8





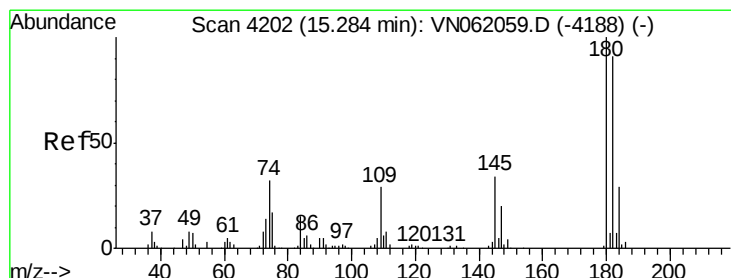
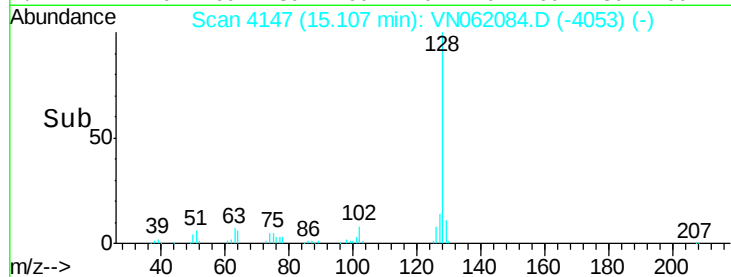
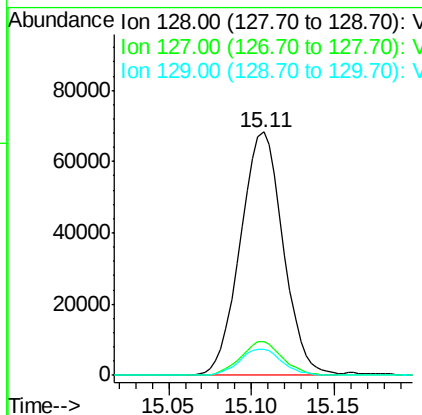
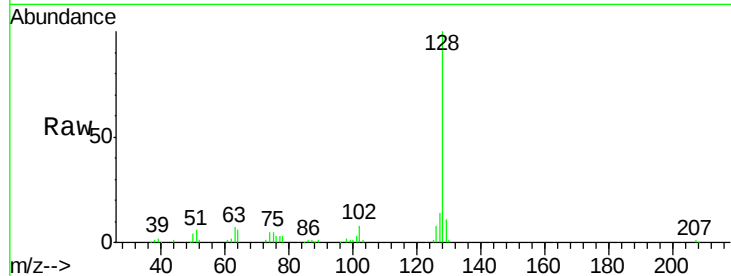
#95
Naphthalene
Concen: 17.672 ug/l
RT: 15.11 min Scan# 4147
Delta R.T. 0.00 min
Lab File: VN062084.D
Acq: 25 Jun 2020 00:14

Instrument :
MSVOA_N
ClientSampleId :
VN0624MBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.5	15.7
129	10.7	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/25/2020 6:10:52 PM



#96
1,2,3-Trichlorobenzene
Concen: 16.959 ug/l
RT: 15.29 min Scan# 4203
Delta R.T. 0.00 min
Lab File: VN062084.D
Acq: 25 Jun 2020 00:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	46.8	140.4
145	33.0	16.4	49.2

