

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033122\
 Data File : VN071737.D
 Acq On : 01 Apr 2022 05:16
 Operator : JC\MD
 Sample : PB143762ZHE#01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB143762ZHE#01

Quant Time: Apr 01 06:06:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

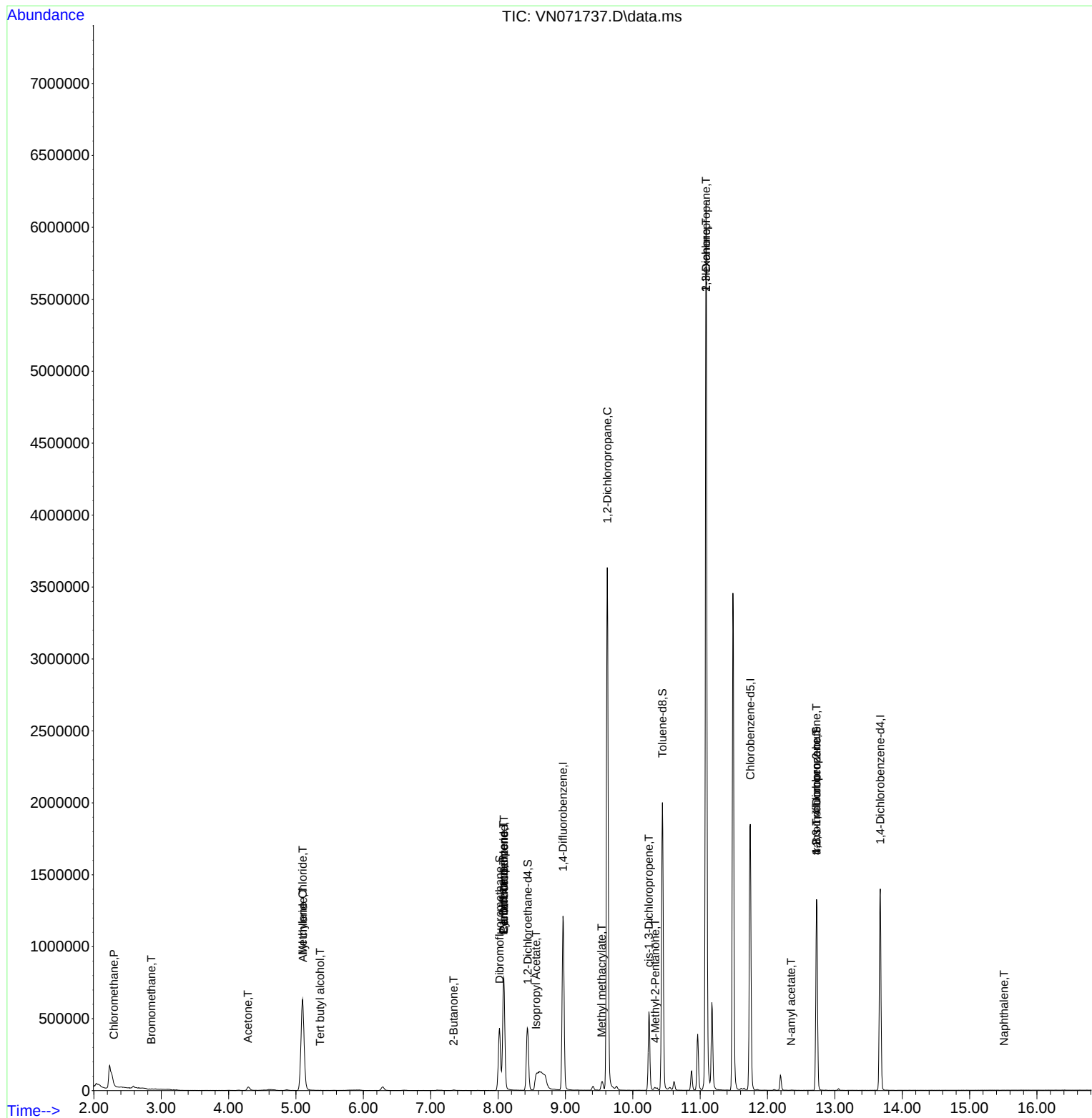
Internal Standards						
1) Pentafluorobenzene	8.086	168	639379	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1109131	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	1163127	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	415659	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.439	65	370530	50.763	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.520%			
35) Dibromofluoromethane	8.022	113	314996	48.263	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 96.520%			
50) Toluene-d8	10.439	98	1426837	53.442	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.880%			
62) 4-Bromofluorobenzene	12.727	95	479614	55.544	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 111.080%			
Target Compounds						Qvalue
3) Chloromethane	2.299	50	2298	0.357	ug/l #	79
5) Bromomethane	2.852	94	924	0.201	ug/l	92
11) Tert butyl alcohol	5.357	59	354	0.299	ug/l #	72
14) Allyl chloride	5.104	41	15995	1.867	ug/l #	24
16) Acetone	4.287	43	44354	14.219	ug/l	98
18) Methyl Acetate	4.863	43	10514	Below Cal		94
20) Methylene Chloride	5.098	84	551888	83.937	ug/l	99
25) 2-Butanone	7.339	43	7228	1.607	ug/l	97
31) Cyclohexane	8.081	56	10924	1.100	ug/l #	1
36) 1,1-Dichloropropene	8.081	75	44495	4.882	ug/l #	48
38) Carbon Tetrachloride	8.086	117	58530	6.553	ug/l #	16
43) Isopropyl Acetate	8.563	43	148245	8.934	ug/l #	73
45) 1,2-Dichloropropane	9.622	63	4961	0.690	ug/l #	44
48) Methyl methacrylate	9.539	41	16217	2.356	ug/l #	10
49) 1,4-Dioxane	9.628	88	630	Below Cal		1
51) 4-Methyl-2-Pentanone	10.333	43	10627	1.114	ug/l #	86
54) cis-1,3-Dichloropropene	10.239	75	106656	9.581	ug/l #	59
57) 1,3-Dichloropropane	11.086	76	70143	5.601	ug/l #	43
59) 2-Hexanone	11.086	43	875208	130.306	ug/l #	47
74) N-amyl acetate	12.351	43	2033	0.203	ug/l #	40
76) 1,2,3-Trichloropropane	12.727	75	233302	24.229	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	233302	75.085	ug/l #	10
95) Naphthalene	15.510	128	832	3.844	ug/l #	69

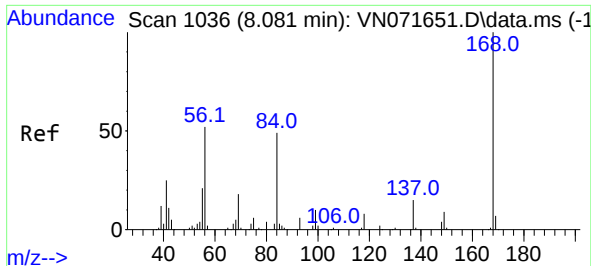
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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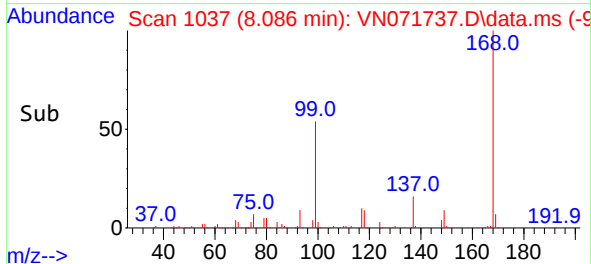
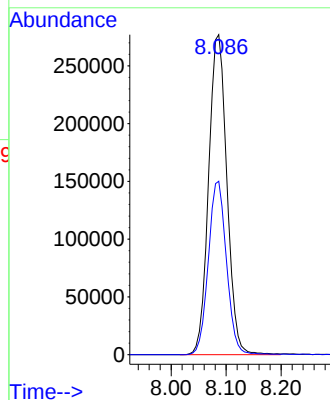
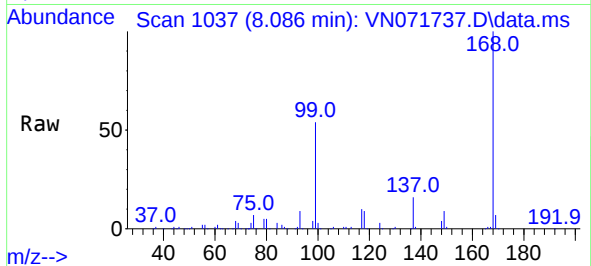




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN071737.D
Acq: 01 Apr 2022 05:16

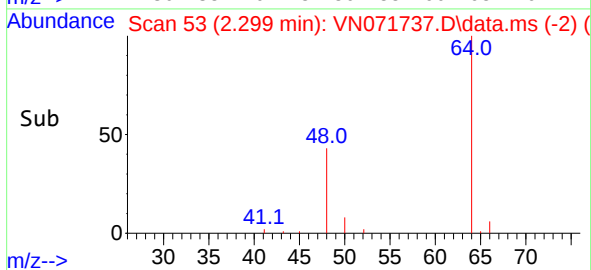
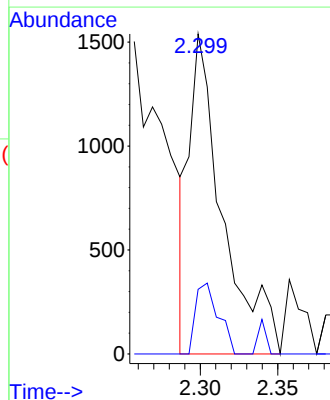
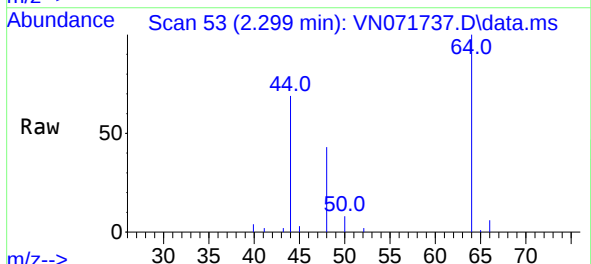
Instrument :
MSVOA_N
ClientSampleId :
PB143762ZHE#01

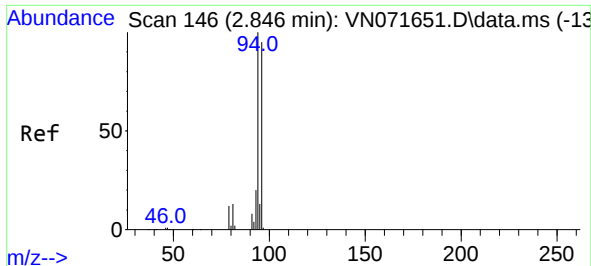
Tgt Ion:168 Resp: 639379
Ion Ratio Lower Upper
168 100
99 54.2 42.3 63.5



#3
Chloromethane
Concen: 0.357 ug/l
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN071737.D
Acq: 01 Apr 2022 05:16

Tgt Ion: 50 Resp: 2298
Ion Ratio Lower Upper
50 100
52 20.2 25.7 38.5#

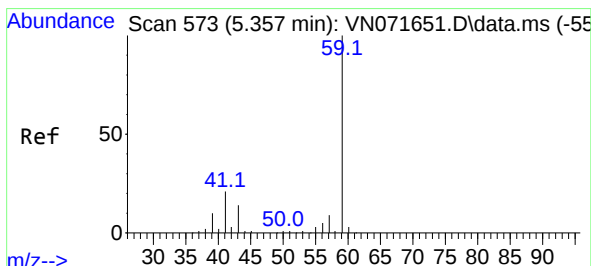
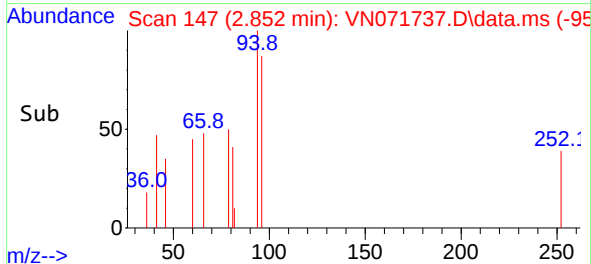
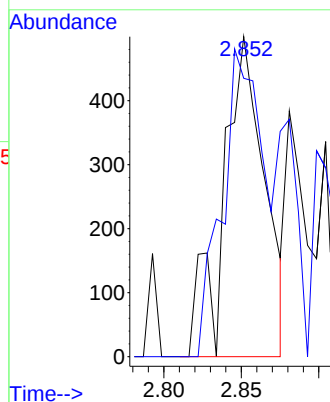
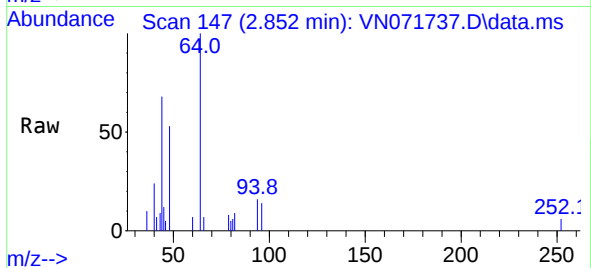




#5
Bromomethane
Concen: 0.201 ug/l
RT: 2.852 min Scan# 146
Delta R.T. 0.006 min
Lab File: VN071737.D
Acq: 01 Apr 2022 05:16

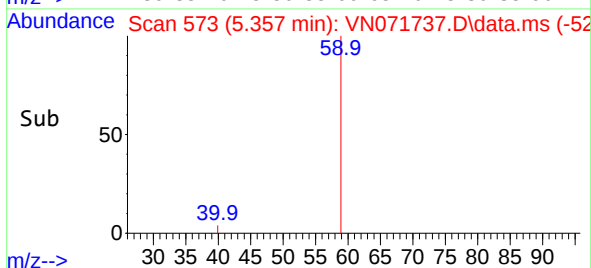
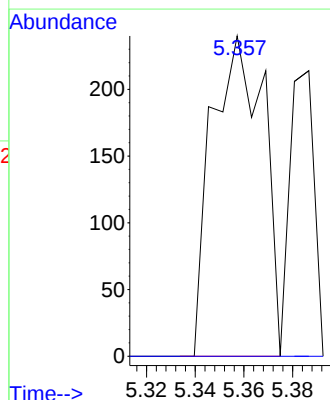
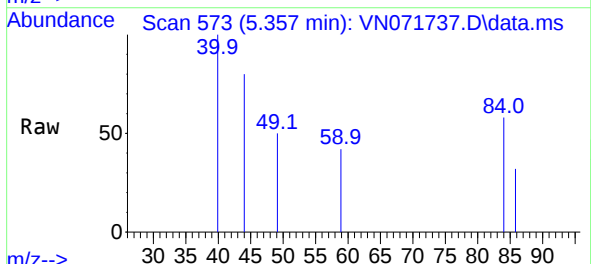
Instrument :
MSVOA_N
ClientSampleId :
PB143762ZHE#01

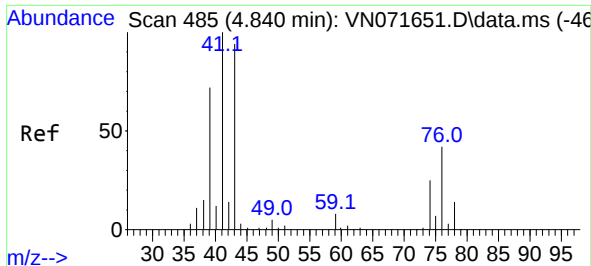
Tgt Ion: 94 Resp: 924
Ion Ratio Lower Upper
94 100
96 87.0 76.0 114.0



#11
Tert butyl alcohol
Concen: 0.299 ug/l
RT: 5.357 min Scan# 573
Delta R.T. 0.000 min
Lab File: VN071737.D
Acq: 01 Apr 2022 05:16

Tgt Ion: 59 Resp: 354
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

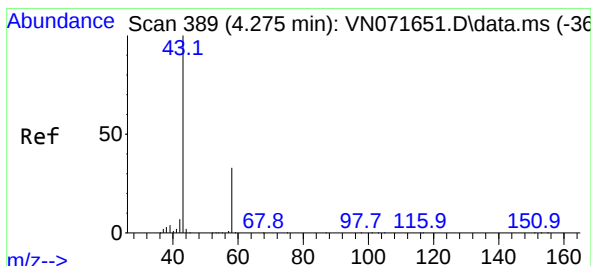
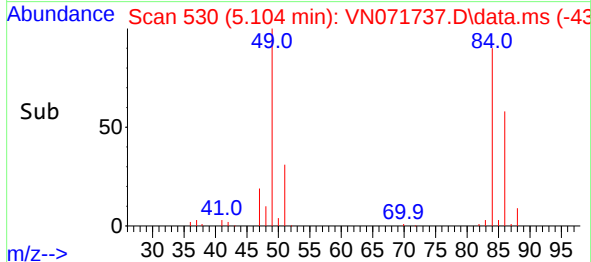
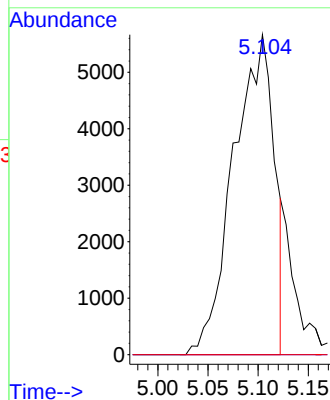
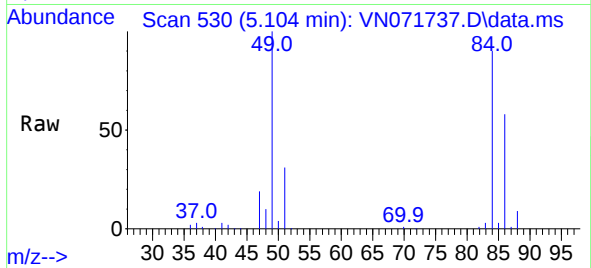




#14
Allyl chloride
Concen: 1.867 ug/l
RT: 5.104 min Scan# 51
Delta R.T. 0.264 min
Lab File: VN071737.D
Acq: 01 Apr 2022 05:16

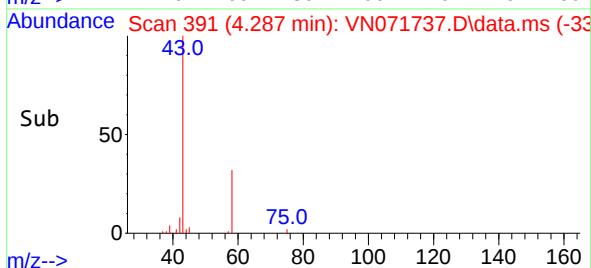
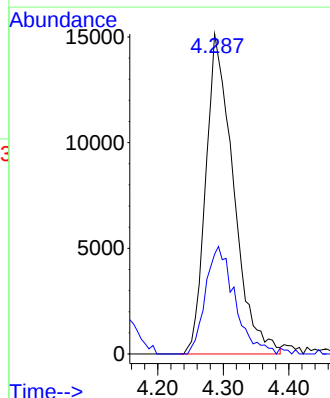
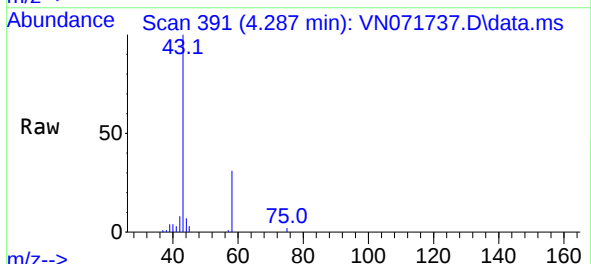
Instrument :
MSVOA_N
ClientSampleId :
PB143762ZHE#01

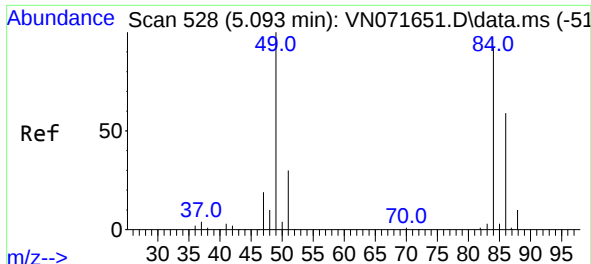
Tgt Ion: 41 Resp: 15995
Ion Ratio Lower Upper
41 100
39 0.0 53.2 79.8#
76 0.0 29.9 44.9#



#16
Acetone
Concen: 14.219 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.012 min
Lab File: VN071737.D
Acq: 01 Apr 2022 05:16

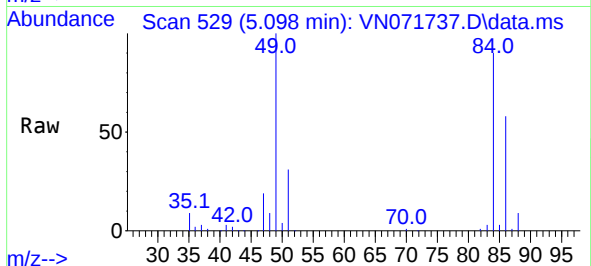
Tgt Ion: 43 Resp: 44354
Ion Ratio Lower Upper
43 100
58 31.2 26.0 39.0





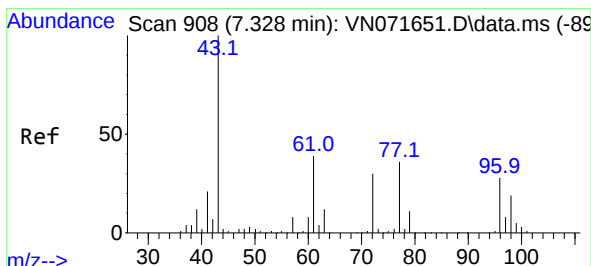
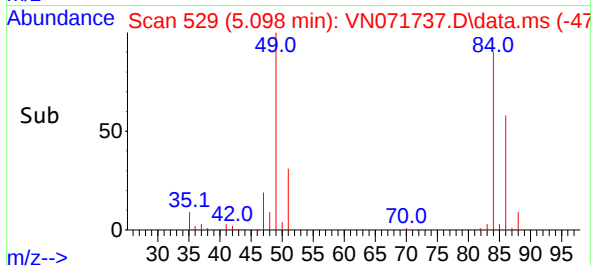
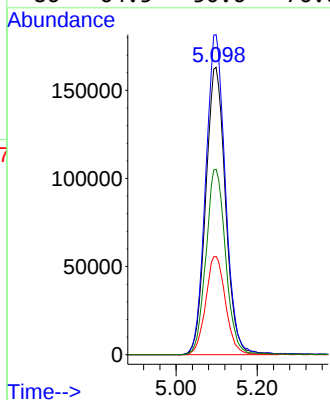
#20
Methylene Chloride
Concen: 83.937 ug/l
RT: 5.098 min Scan# 51
Delta R.T. 0.005 min
Lab File: VN071737.D
Acq: 01 Apr 2022 05:16

Instrument :
MSVOA_N
ClientSampleId :
PB143762ZHE#01



Tgt Ion: 84 Resp: 551888

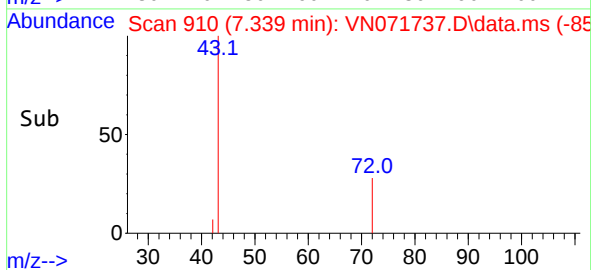
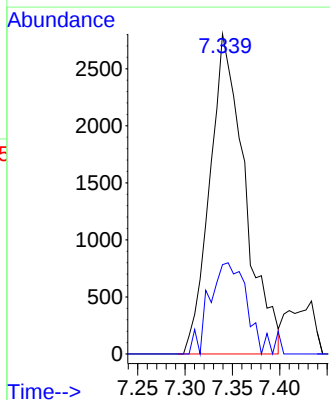
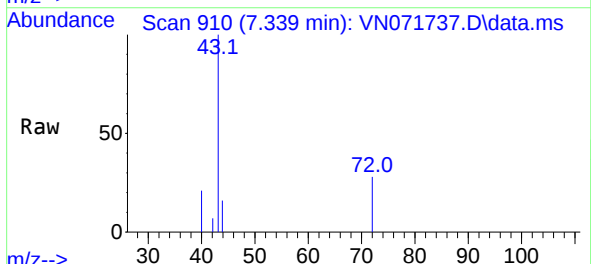
Ion	Ratio	Lower	Upper
84	100		
49	111.3	88.3	132.5
51	34.1	28.2	42.2
86	64.5	50.6	76.0

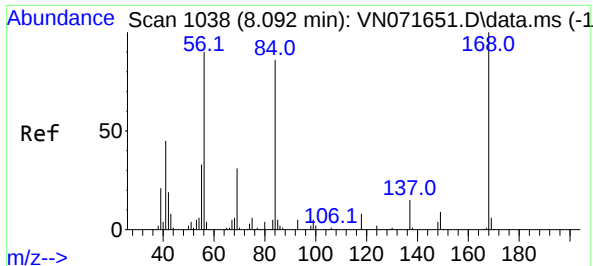


#25
2-Butanone
Concen: 1.607 ug/l
RT: 7.339 min Scan# 910
Delta R.T. 0.011 min
Lab File: VN071737.D
Acq: 01 Apr 2022 05:16

Tgt Ion: 43 Resp: 7228

Ion	Ratio	Lower	Upper
43	100		
72	27.9	23.7	35.5





#31

Cyclohexane

Concen: 1.100 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.011 min

Lab File: VN071737.D

Acq: 01 Apr 2022 05:16

Instrument :

MSVOA_N

ClientSampleId :

PB143762ZHE#01

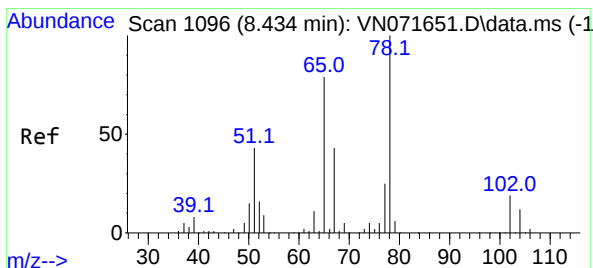
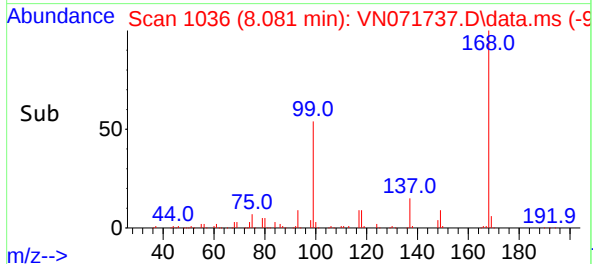
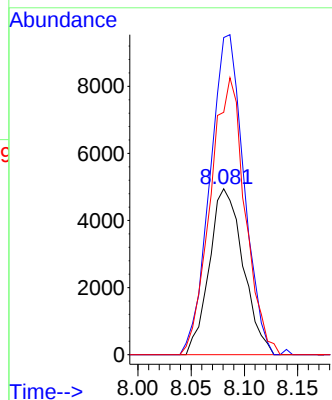
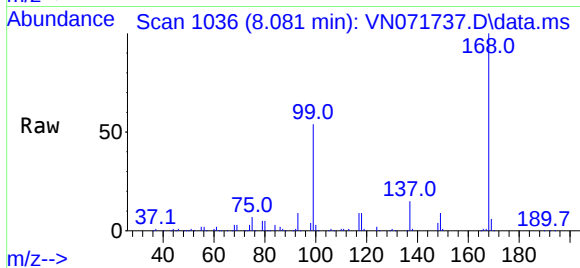
Tgt Ion: 56 Resp: 10924

Ion Ratio Lower Upper

56 100

69 191.1 27.8 41.8#

84 146.1 76.9 115.3#



#33

1,2-Dichloroethane-d4

Concen: 50.763 ug/l

RT: 8.439 min Scan# 1097

Delta R.T. 0.005 min

Lab File: VN071737.D

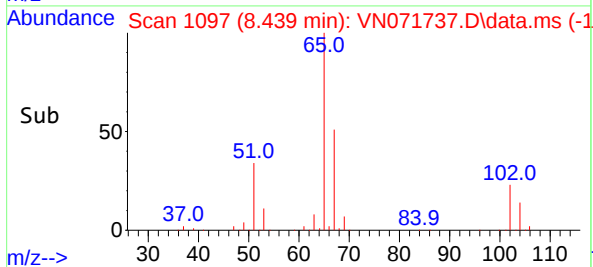
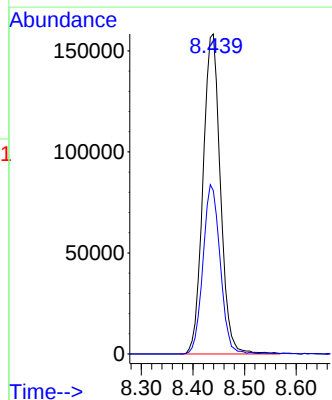
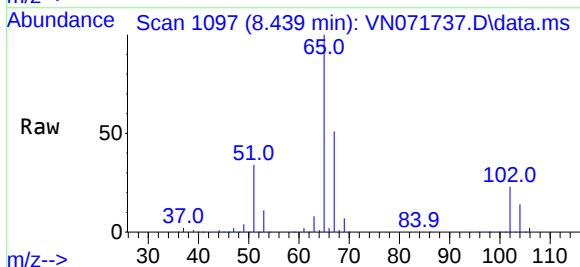
Acq: 01 Apr 2022 05:16

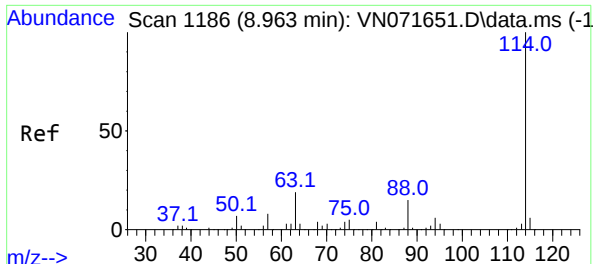
Tgt Ion: 65 Resp: 370530

Ion Ratio Lower Upper

65 100

67 52.3 0.0 104.8

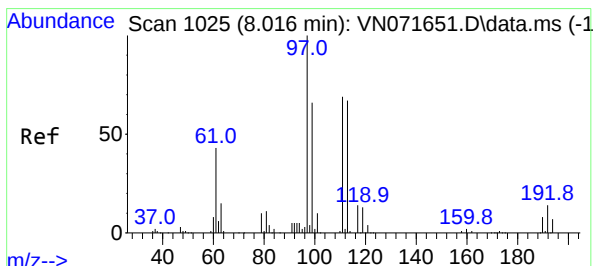
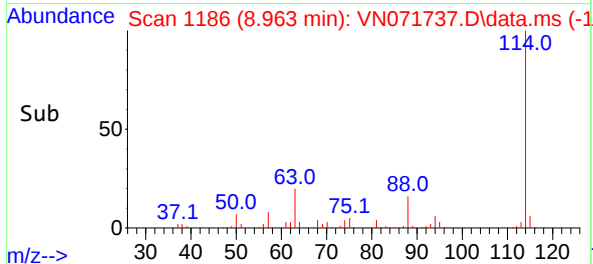
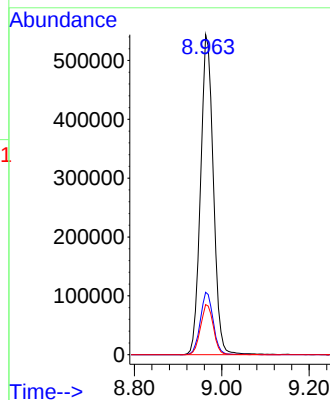
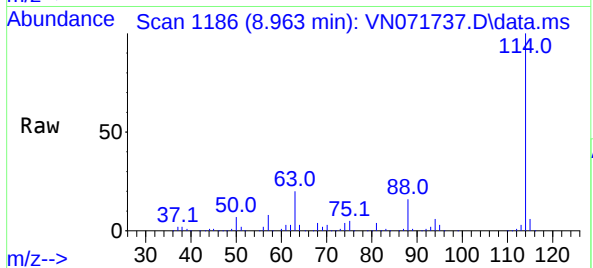




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071737.D
Acq: 01 Apr 2022 05:16

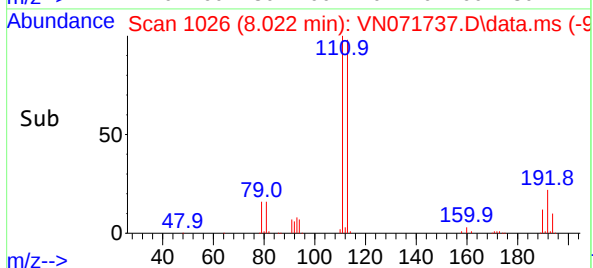
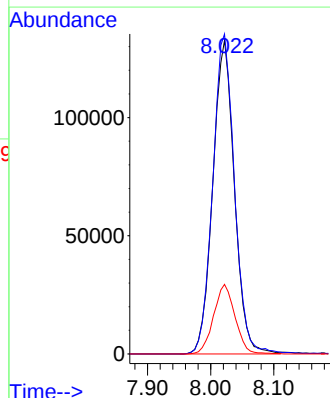
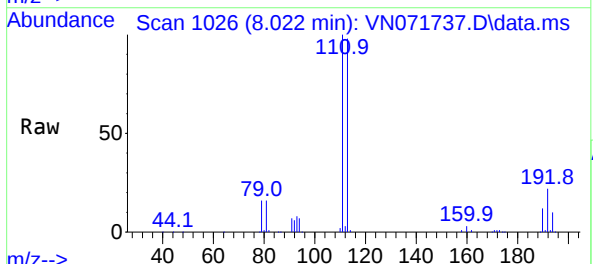
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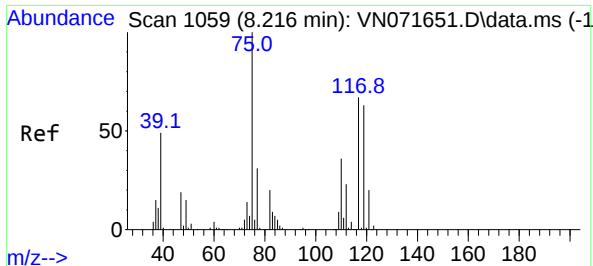
Tgt Ion:114 Resp: 1109131
Ion Ratio Lower Upper
114 100
63 19.5 0.0 40.0
88 15.7 0.0 32.6



#35
Dibromofluoromethane
Concen: 48.263 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN071737.D
Acq: 01 Apr 2022 05:16

Tgt Ion:113 Resp: 314996
Ion Ratio Lower Upper
113 100
111 103.1 81.4 122.0
192 22.0 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.882 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.135 min

Lab File: VN071737.D

Acq: 01 Apr 2022 05:16

Instrument :

MSVOA_N

ClientSampleId :

PB143762ZHE#01

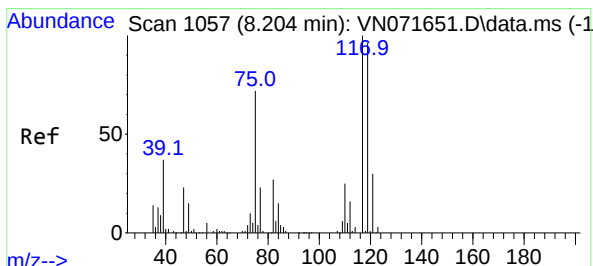
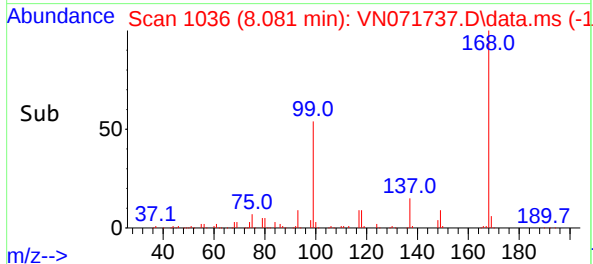
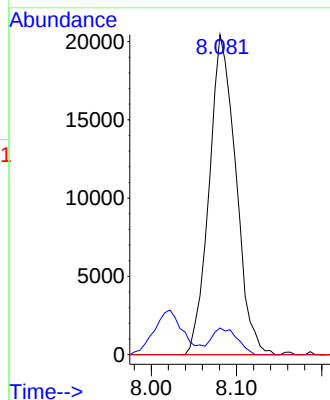
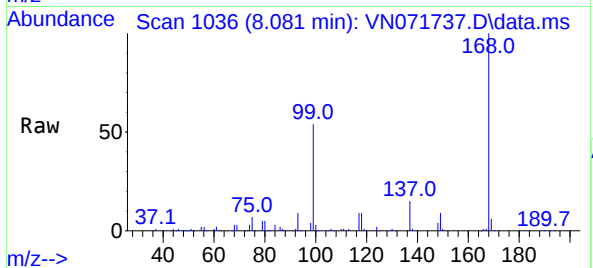
Tgt Ion: 75 Resp: 44495

Ion Ratio Lower Upper

75 100

110 7.8 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.553 ug/l

RT: 8.086 min Scan# 1037

Delta R.T. -0.118 min

Lab File: VN071737.D

Acq: 01 Apr 2022 05:16

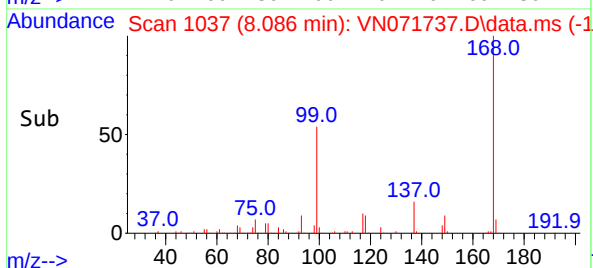
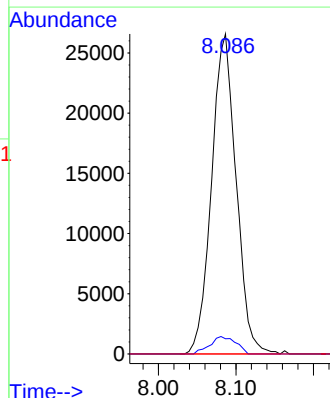
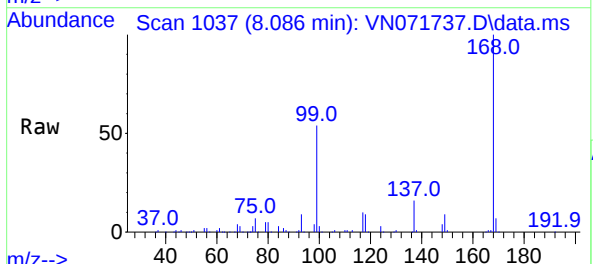
Tgt Ion: 117 Resp: 58530

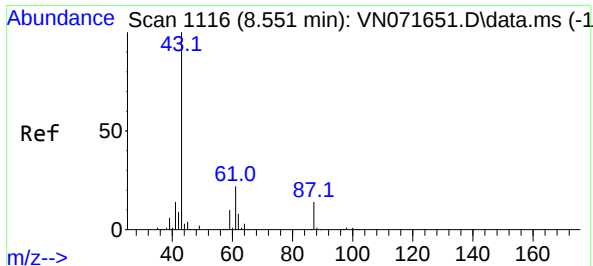
Ion Ratio Lower Upper

117 100

119 4.8 75.8 113.8#

121 0.0 24.6 37.0#

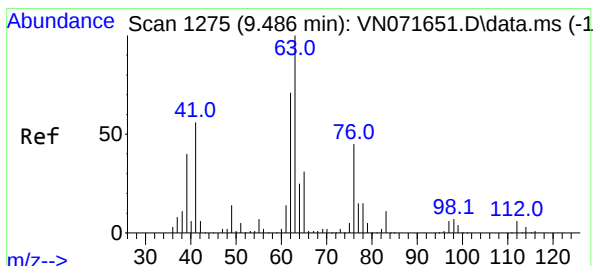
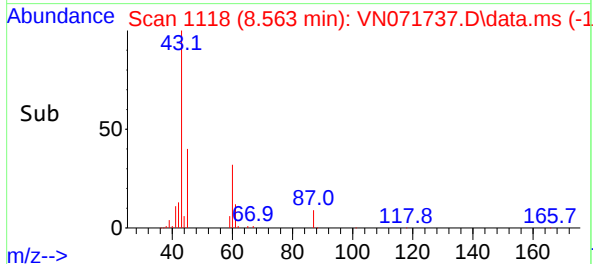
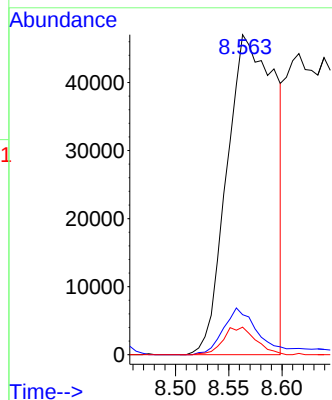
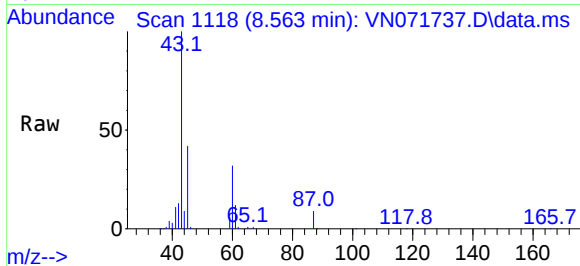




#43
Isopropyl Acetate
Concen: 8.934 ug/l
RT: 8.563 min Scan# 1116
Delta R.T. 0.012 min
Lab File: VN071737.D
Acq: 01 Apr 2022 05:16

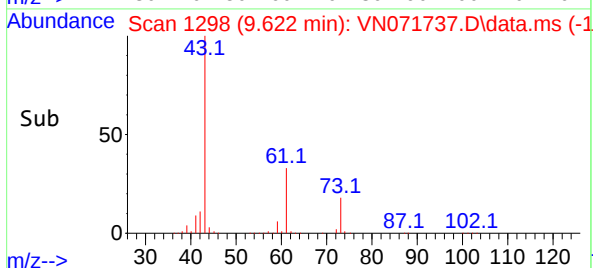
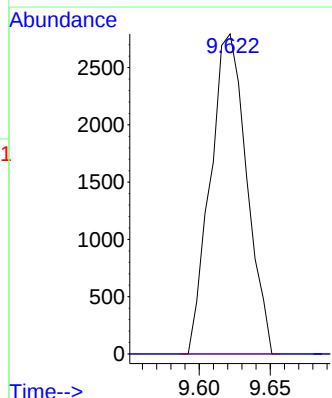
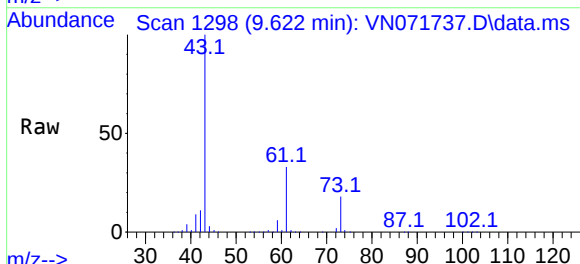
Instrument :
MSVOA_N
ClientSampleId :
PB143762ZHE#01

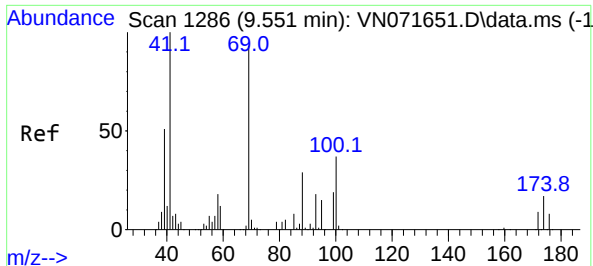
Tgt Ion: 43 Resp: 148245
Ion Ratio Lower Upper
43 100
61 11.6 21.9 32.9#
87 5.8 12.0 18.0#



#45
1,2-Dichloropropane
Concen: 0.690 ug/l
RT: 9.622 min Scan# 1298
Delta R.T. 0.136 min
Lab File: VN071737.D
Acq: 01 Apr 2022 05:16

Tgt Ion: 63 Resp: 4961
Ion Ratio Lower Upper
63 100
65 0.0 24.9 37.3#

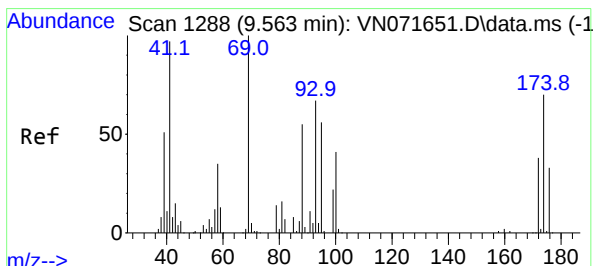
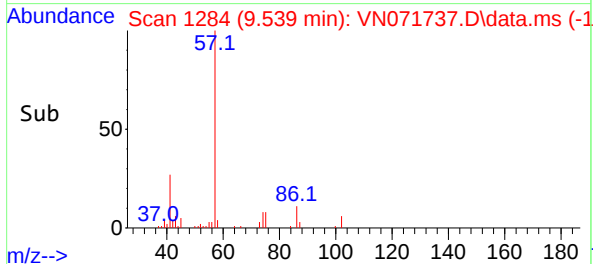
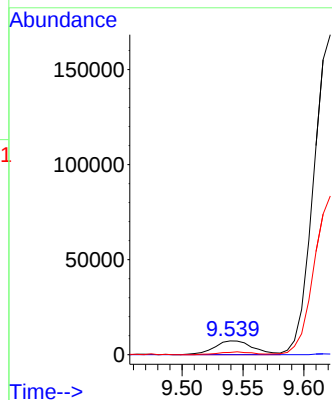
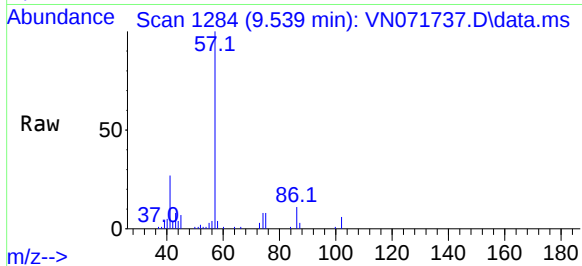




#48
Methyl methacrylate
Concen: 2.356 ug/l
RT: 9.539 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN071737.D
Acq: 01 Apr 2022 05:16

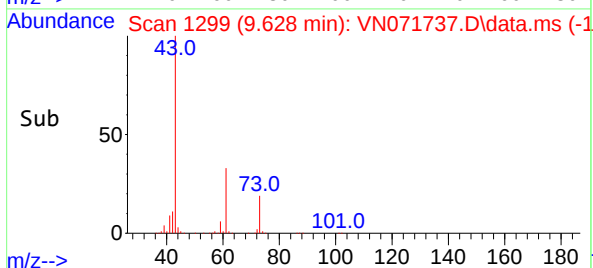
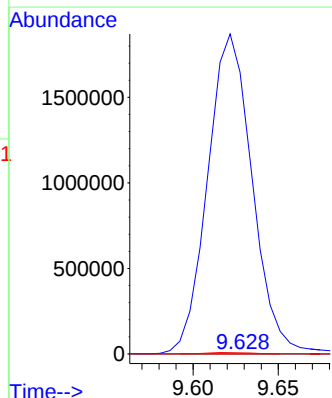
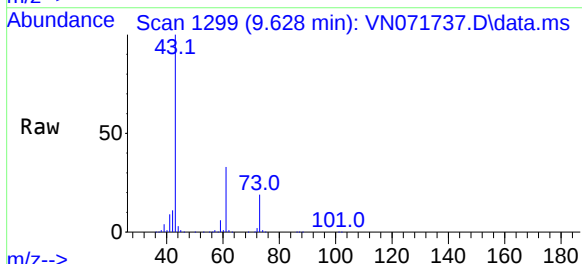
Instrument :
MSVOA_N
ClientSampleId :
PB143762ZHE#01

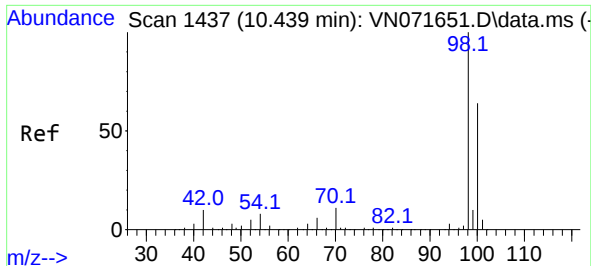
Tgt Ion: 41 Resp: 16217
Ion Ratio Lower Upper
41 100
69 0.0 74.7 112.1#
39 0.0 45.6 68.4#



#49
1,4-Dioxane
Concen: Below Cal
RT: 9.628 min Scan# 1299
Delta R.T. 0.065 min
Lab File: VN071737.D
Acq: 01 Apr 2022 05:16

Tgt Ion: 88 Resp: 630
Ion Ratio Lower Upper
88 100
43 546944.0 20.2 30.4#
58 2664.8 54.2 81.4#

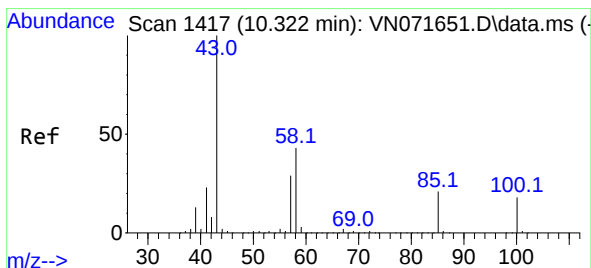
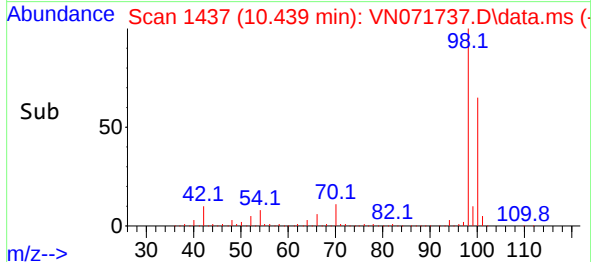
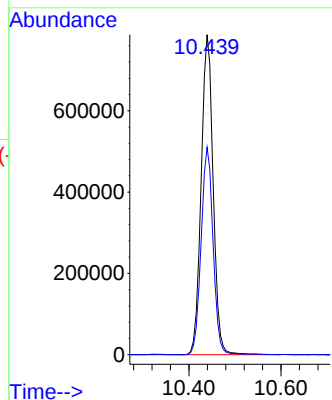
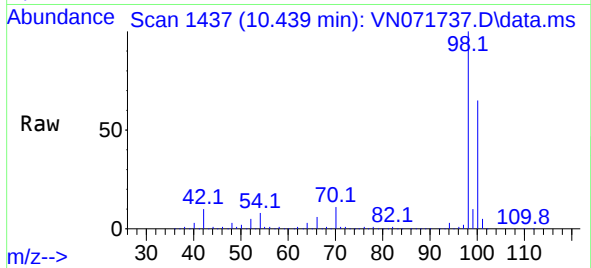




#50
Toluene-d8
Concen: 53.442 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071737.D
Acq: 01 Apr 2022 05:16

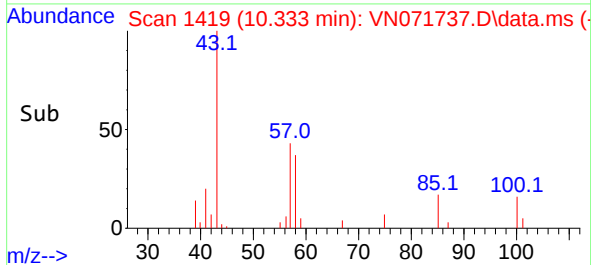
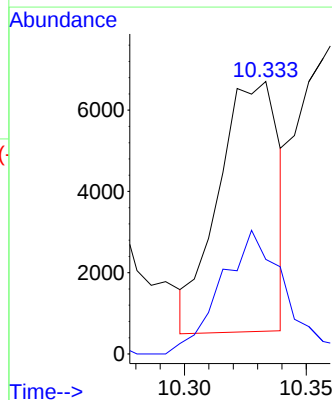
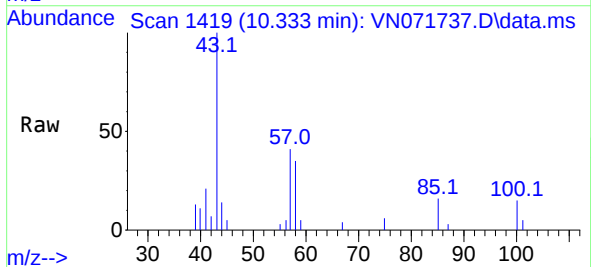
Instrument :
MSVOA_N
ClientSampleId :
PB143762ZHE#01

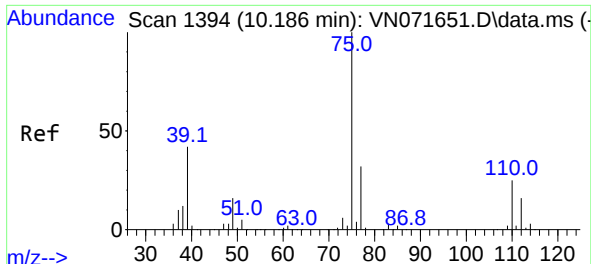
Tgt Ion: 98 Resp: 1426837
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 1.114 ug/l
RT: 10.333 min Scan# 1419
Delta R.T. 0.011 min
Lab File: VN071737.D
Acq: 01 Apr 2022 05:16

Tgt Ion: 43 Resp: 10627
Ion Ratio Lower Upper
43 100
58 51.4 34.1 51.1#

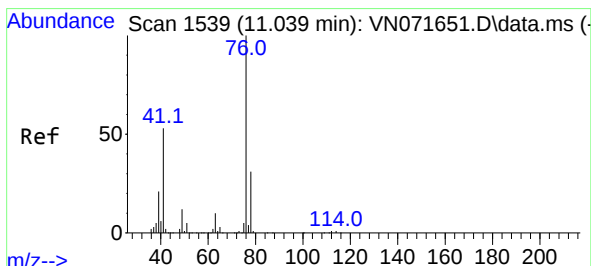
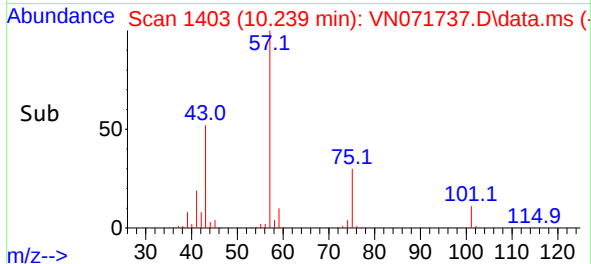
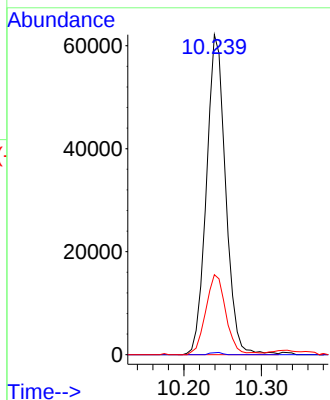
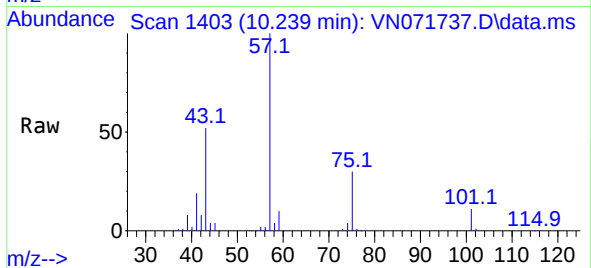




#54
 cis-1,3-Dichloropropene
 Concen: 9.581 ug/l
 RT: 10.239 min Scan# 14
 Delta R.T. 0.053 min
 Lab File: VN071737.D
 Acq: 01 Apr 2022 05:16

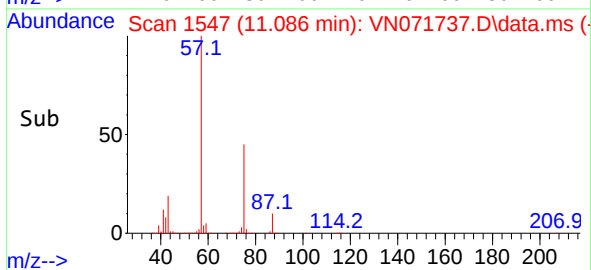
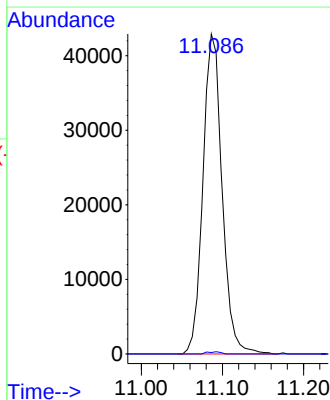
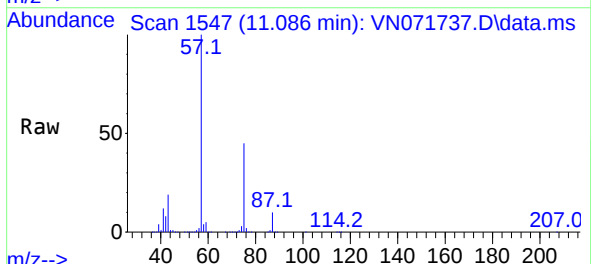
Instrument :
 MSVOA_N
 ClientSampleId :
 PB143762ZHE#01

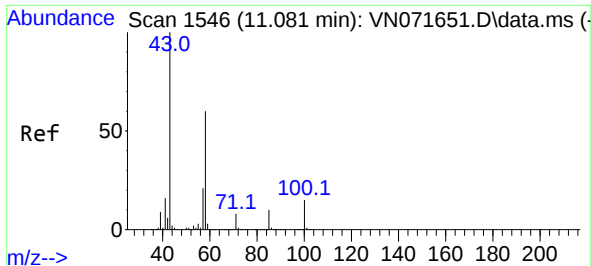
Tgt Ion: 75 Resp: 106656
 Ion Ratio Lower Upper
 75 100
 77 0.6 25.2 37.8#
 39 25.0 35.7 53.5#



#57
 1,3-Dichloropropane
 Concen: 5.601 ug/l
 RT: 11.086 min Scan# 1547
 Delta R.T. 0.047 min
 Lab File: VN071737.D
 Acq: 01 Apr 2022 05:16

Tgt Ion: 76 Resp: 70143
 Ion Ratio Lower Upper
 76 100
 78 0.5 26.2 39.2#

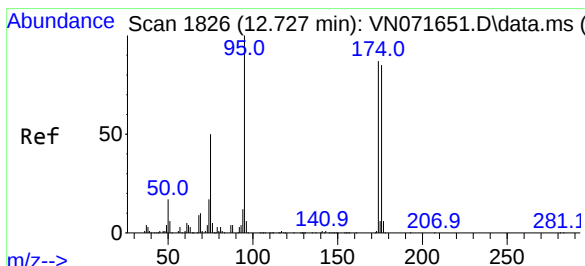
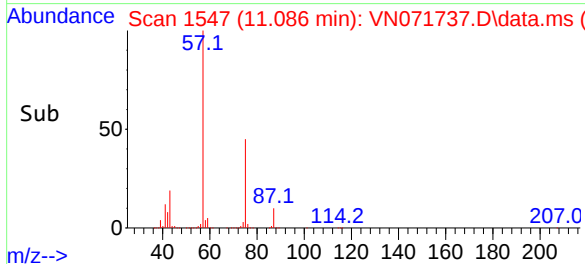
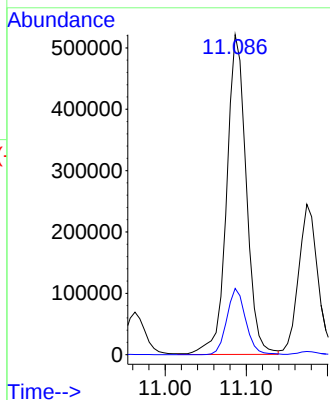
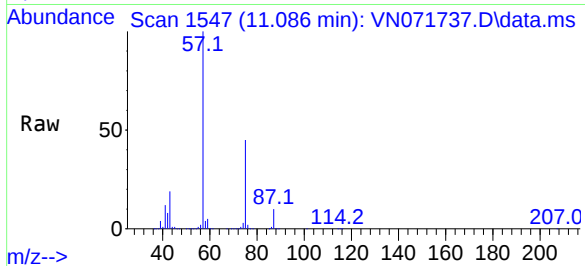




#59
2-Hexanone
Concen: 130.306 ug/l
RT: 11.086 min Scan# 1154
Delta R.T. 0.005 min
Lab File: VN071737.D
Acq: 01 Apr 2022 05:16

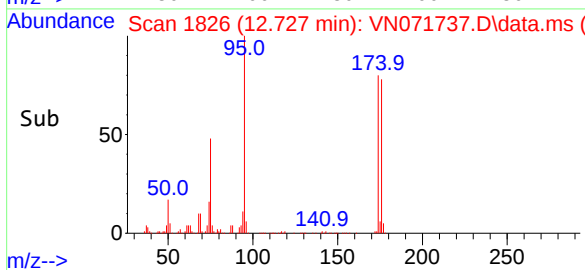
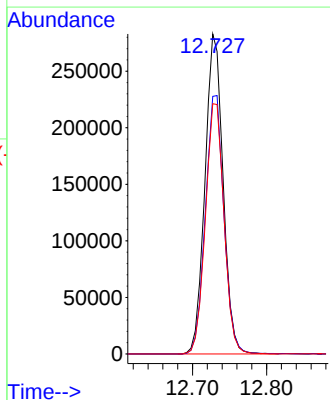
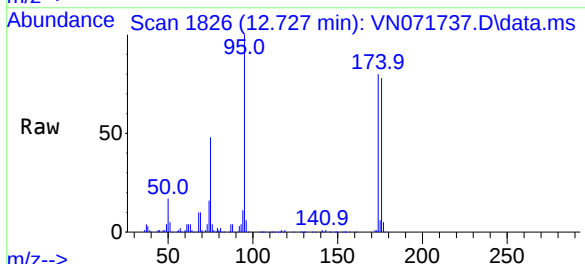
Instrument :
MSVOA_N
ClientSampleId :
PB143762ZHE#01

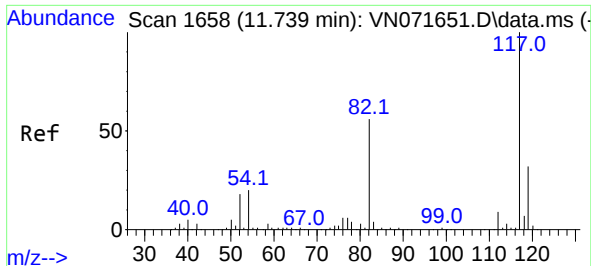
Tgt Ion: 43 Resp: 875208
Ion Ratio Lower Upper
43 100
58 19.9 29.7 89.1#



#62
4-Bromofluorobenzene
Concen: 55.544 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071737.D
Acq: 01 Apr 2022 05:16

Tgt Ion: 95 Resp: 479614
Ion Ratio Lower Upper
95 100
174 83.0 0.0 167.6
176 80.5 0.0 163.4

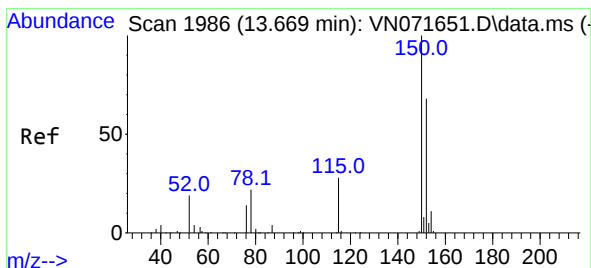
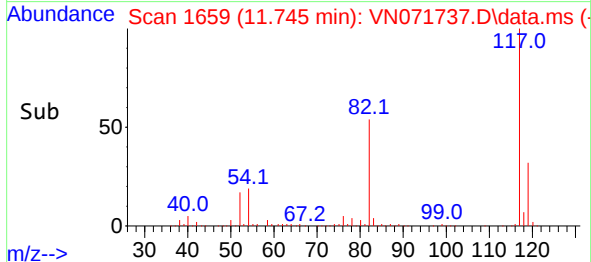
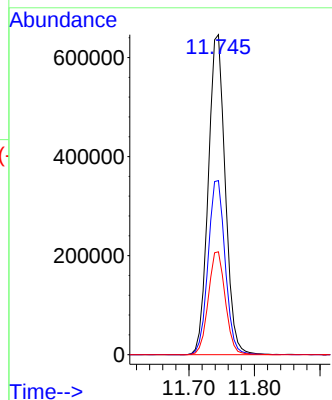
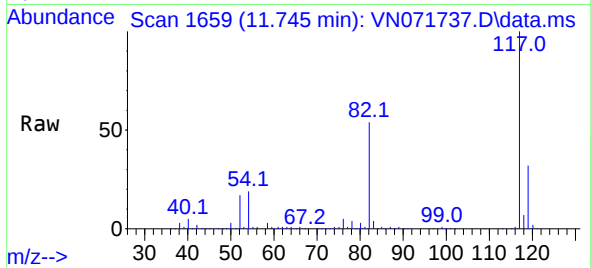




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.745 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN071737.D
Acq: 01 Apr 2022 05:16

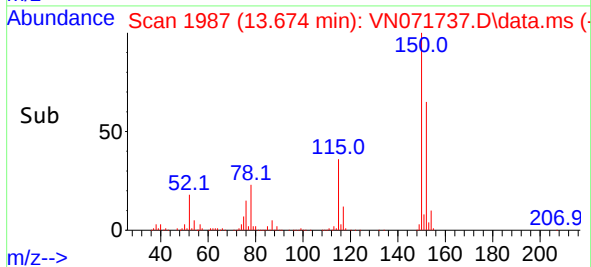
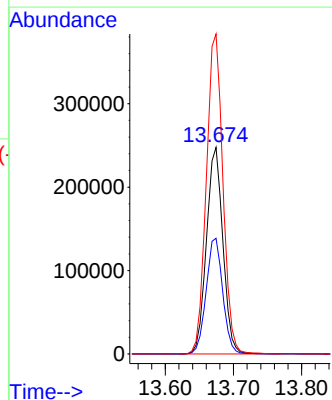
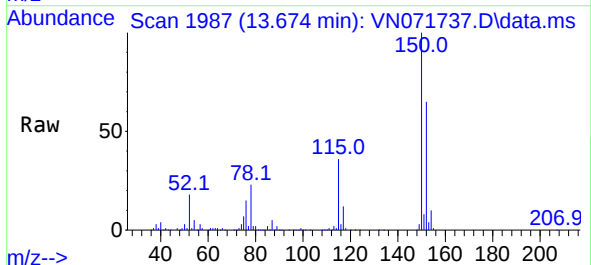
Instrument :
MSVOA_N
ClientSampleId :
PB143762ZHE#01

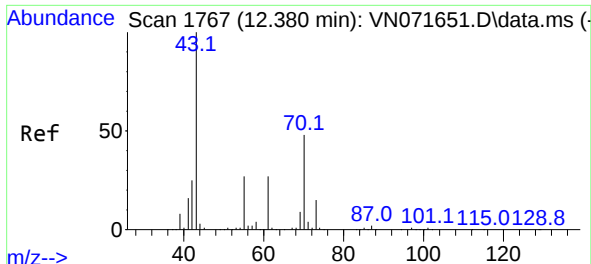
Tgt Ion:117 Resp: 1163127
Ion Ratio Lower Upper
117 100
82 54.4 44.2 66.2
119 32.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.005 min
Lab File: VN071737.D
Acq: 01 Apr 2022 05:16

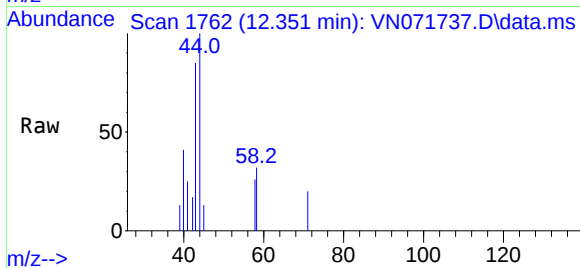
Tgt Ion:152 Resp: 415659
Ion Ratio Lower Upper
152 100
115 56.5 28.9 86.7
150 156.2 0.0 356.2



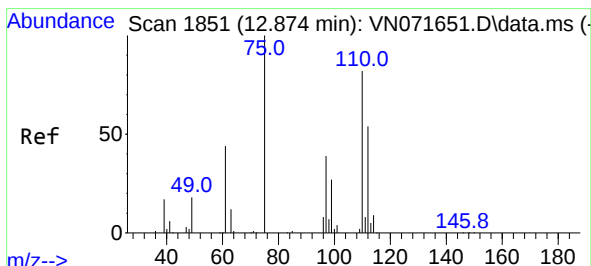
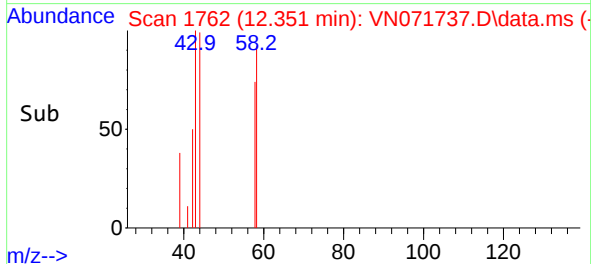
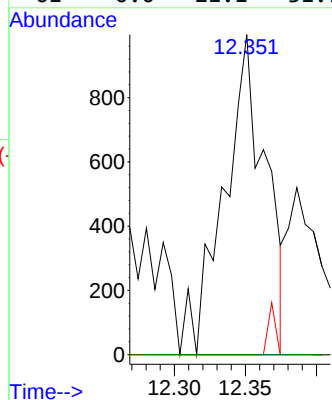


#74
N-amy1 acetate
Concen: 0.203 ug/l
RT: 12.351 min Scan# 11
Delta R.T. -0.029 min
Lab File: VN071737.D
Acq: 01 Apr 2022 05:16

Instrument :
MSVOA_N
ClientSampleId :
PB143762ZHE#01

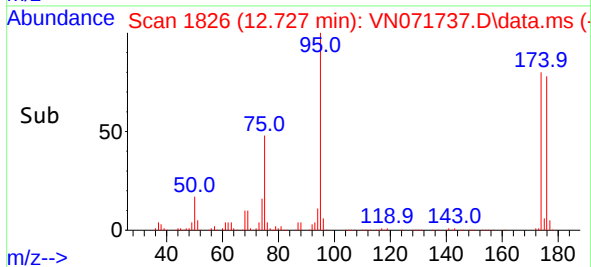
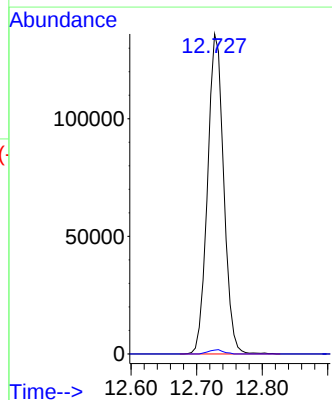
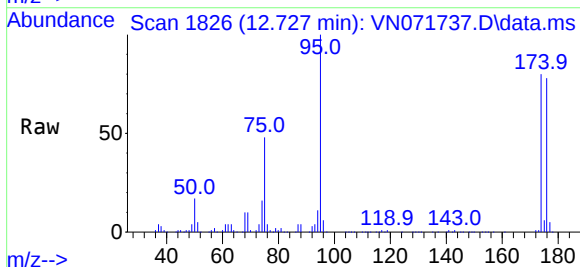


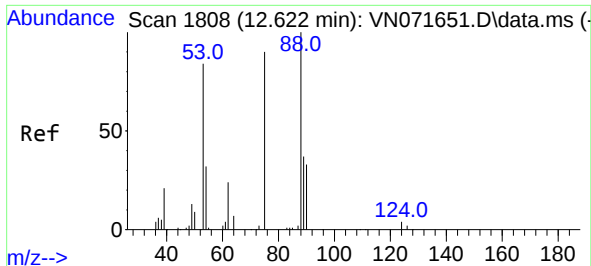
Tgt Ion:	43	Resp:	2033
Ion	Ratio	Lower	Upper
43	100		
70	0.0	39.0	58.4#
55	2.8	21.1	31.7#
61	0.0	21.1	31.7#



#76
1,2,3-Trichloropropane
Concen: 24.229 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071737.D
Acq: 01 Apr 2022 05:16

Tgt Ion:	75	Resp:	233302
Ion	Ratio	Lower	Upper
75	100		
77	1.2	98.5	295.5#

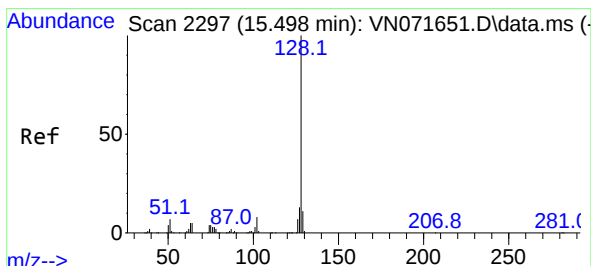
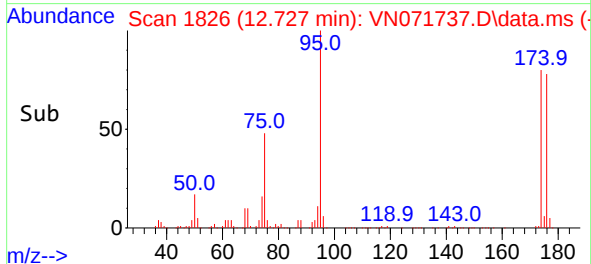
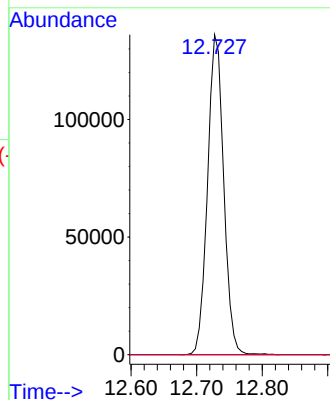
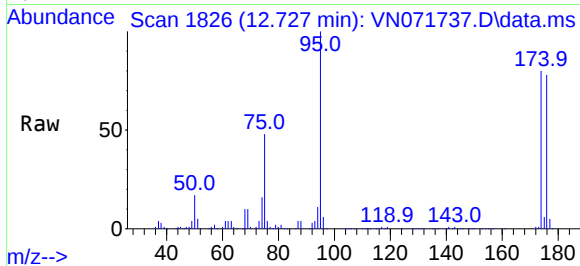




#81
trans-1,4-Dichloro-2-butene
Concen: 75.085 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN071737.D
Acq: 01 Apr 2022 05:16

Instrument :
MSVOA_N
ClientSampleId :
PB143762ZHE#01

Tgt Ion: 75 Resp: 233302
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#95
Naphthalene
Concen: 3.844 ug/l
RT: 15.510 min Scan# 2299
Delta R.T. 0.012 min
Lab File: VN071737.D
Acq: 01 Apr 2022 05:16

Tgt Ion: 128 Resp: 832
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#

