

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032522\
 Data File : VN071547.D
 Acq On : 25 Mar 2022 15:05
 Operator : JC\MD
 Sample : PB143557ZHE#06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB143557ZHE#06

Quant Time: Mar 26 04:02:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 25 09:52:40 2022
 Response via : Initial Calibration

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

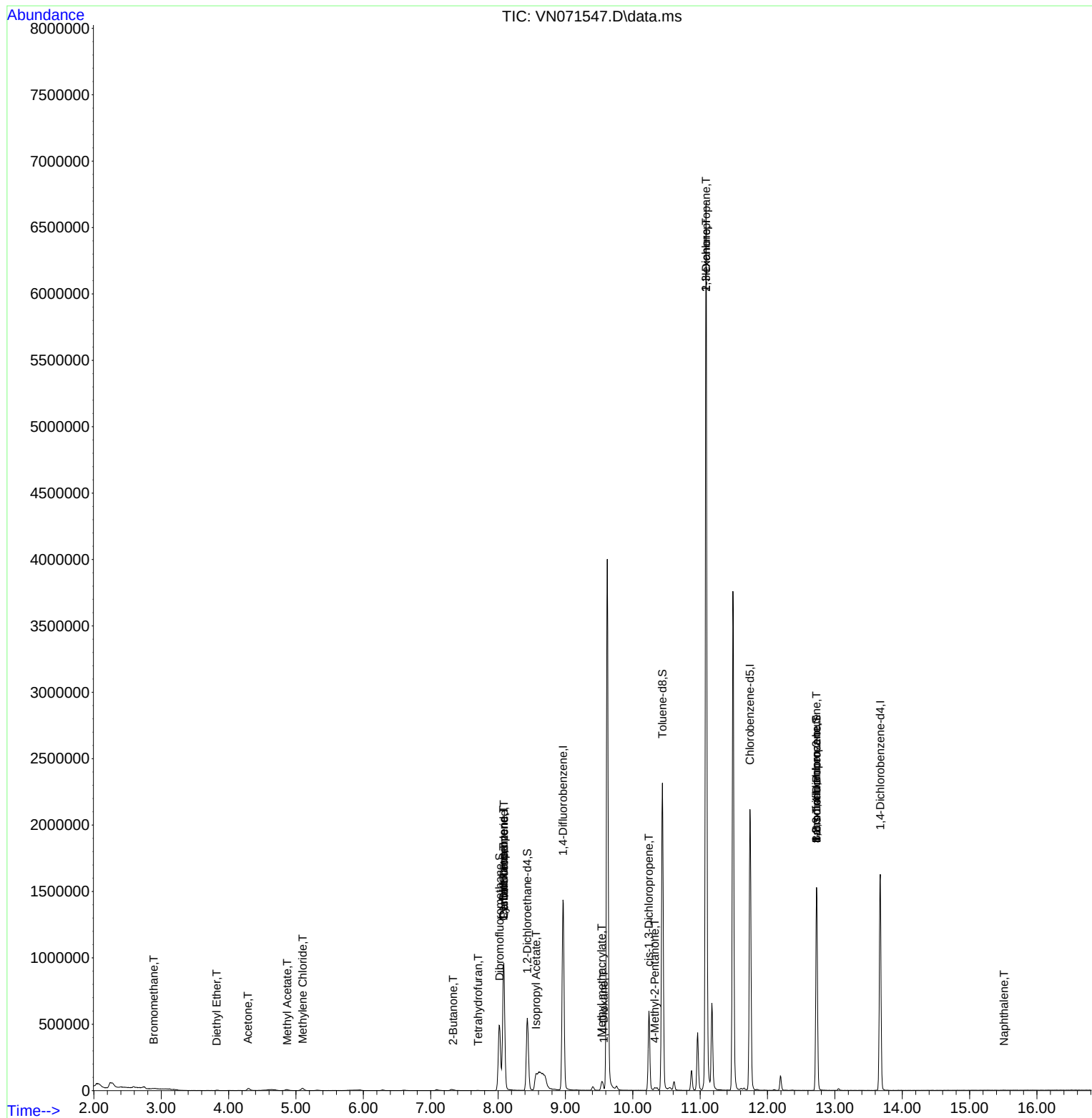
Internal Standards						
1) Pentafluorobenzene	8.086	168	776748	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1325178	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1301550	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	471591	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	454672	47.115	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.220%		
35) Dibromofluoromethane	8.022	113	376733	45.235	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	90.480%		
50) Toluene-d8	10.439	98	1668767	49.677	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.360%		
62) 4-Bromofluorobenzene	12.727	95	549079	49.884	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	99.760%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.299	50	1781	Below Cal	#	74
5) Bromomethane	2.887	94	2173	0.377	ug/l #	52
8) Diethyl Ether	3.822	74	1510	0.287	ug/l	57
16) Acetone	4.287	43	27186	6.873	ug/l	93
18) Methyl Acetate	4.869	43	16719	0.378	ug/l	95
20) Methylene Chloride	5.098	84	14439	1.567	ug/l	97
25) 2-Butanone	7.334	43	3394	0.535	ug/l	91
29) Tetrahydrofuran	7.704	42	1196	0.283	ug/l #	75
31) Cyclohexane	8.081	56	14618	1.059	ug/l #	14
36) 1,1-Dichloropropene	8.081	75	55903	4.655	ug/l #	48
38) Carbon Tetrachloride	8.086	117	71489	6.107	ug/l #	17
43) Isopropyl Acetate	8.563	43	135923	6.139	ug/l #	75
48) Methyl methacrylate	9.539	41	17302	1.831	ug/l #	11
49) 1,4-Dioxane	9.569	88	79	0.362	ug/l #	1
51) 4-Methyl-2-Pentanone	10.327	43	13377	1.021	ug/l	92
54) cis-1,3-Dichloropropene	10.239	75	118222	8.072	ug/l #	60
57) 1,3-Dichloropropane	11.086	76	74959	4.697	ug/l #	43
59) 2-Hexanone	11.086	43	960686	101.697	ug/l #	47
71) Bromoform	12.727	173	2982	0.388	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.716	83	353	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.727	75	270168	25.691	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	270168	68.783	ug/l #	10
95) Naphthalene	15.509	128	1460	3.271	ug/l #	80

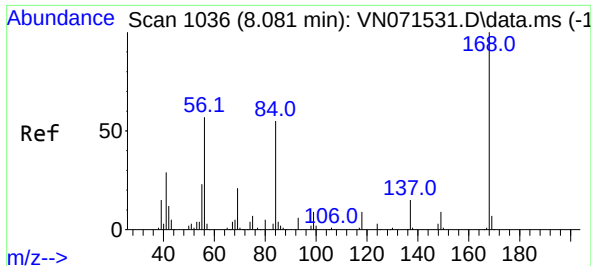
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032522\
Data File : VN071547.D
Acq On : 25 Mar 2022 15:05
Operator : JC\MD
Sample : PB143557ZHE#06
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB143557ZHE#06

Quant Time: Mar 26 04:02:14 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032522W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 25 09:52:40 2022
Response via : Initial Calibration

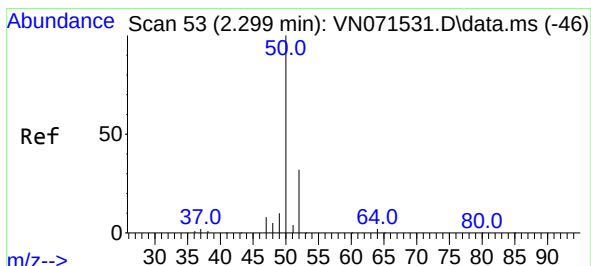
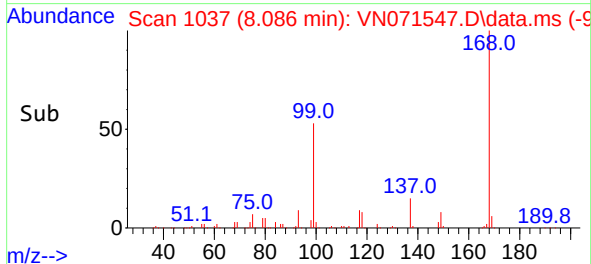
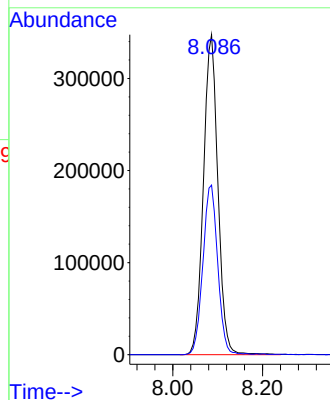
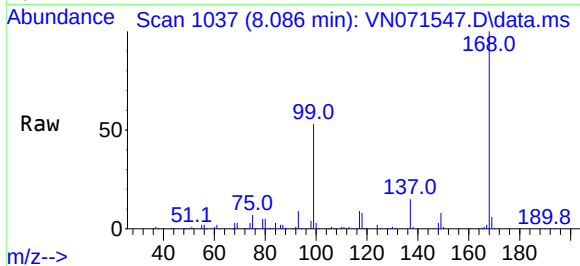




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN071547.D
Acq: 25 Mar 2022 15:05

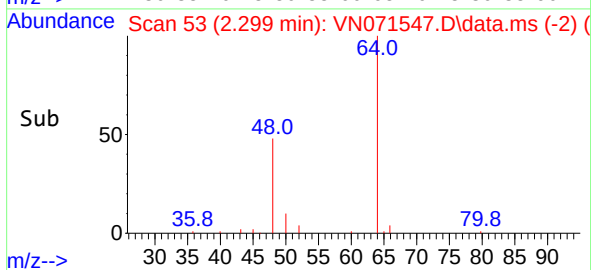
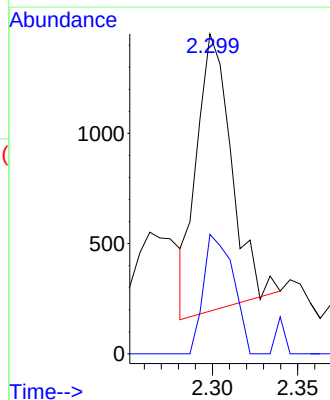
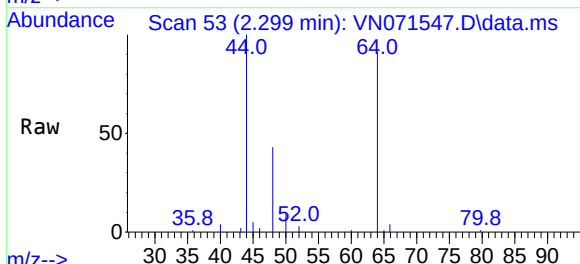
Instrument :
MSVOA_N
ClientSampleId :
PB143557ZHE#06

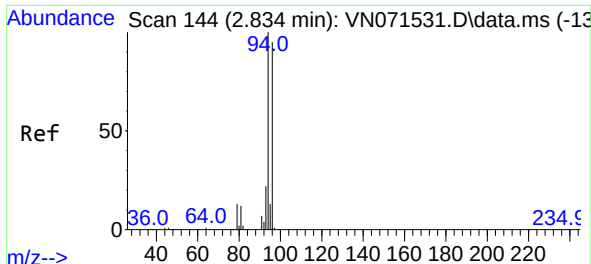
Tgt Ion:168 Resp: 776748
Ion Ratio Lower Upper
168 100
99 53.0 42.3 63.5



#3
Chloromethane
Concen: Below Cal
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN071547.D
Acq: 25 Mar 2022 15:05

Tgt Ion: 50 Resp: 1781
Ion Ratio Lower Upper
50 100
52 46.5 25.7 38.5#

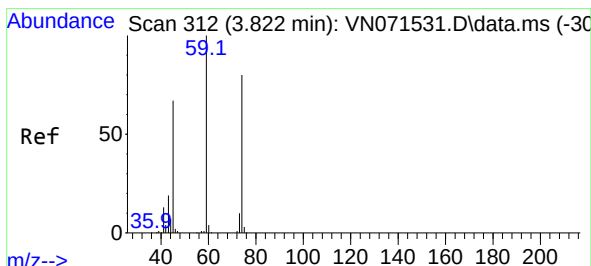
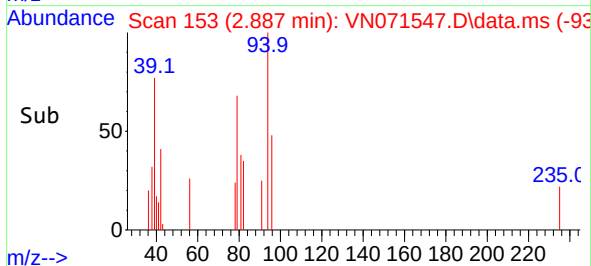
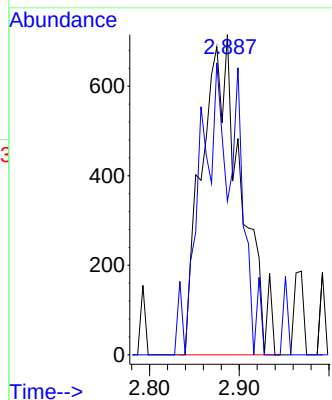
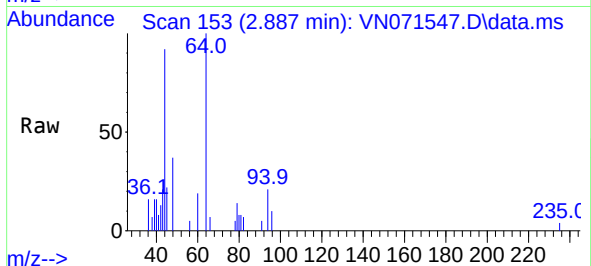




#5
Bromomethane
Concen: 0.377 ug/l
RT: 2.887 min Scan# 11
Delta R.T. 0.053 min
Lab File: VN071547.D
Acq: 25 Mar 2022 15:05

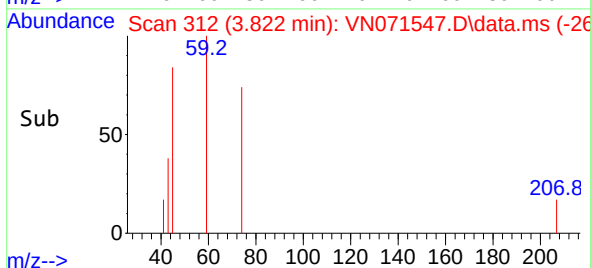
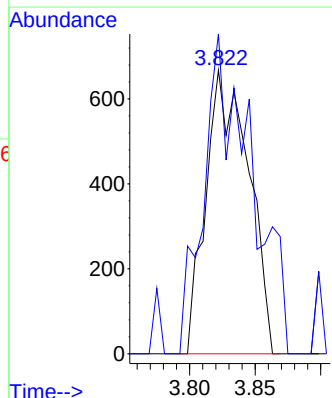
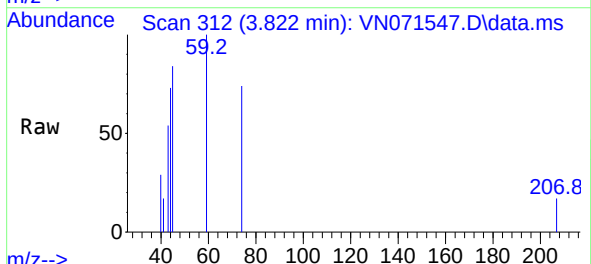
Instrument :
MSVOA_N
ClientSampleId :
PB143557ZHE#06

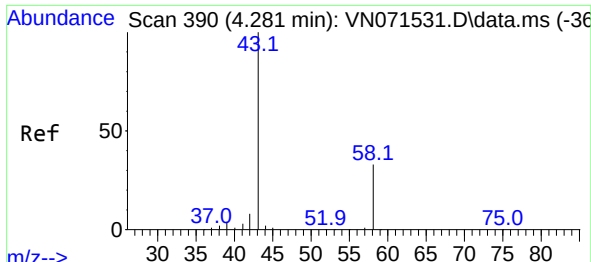
Tgt Ion: 94 Resp: 2173
Ion Ratio Lower Upper
94 100
96 48.0 76.0 114.0#



#8
Diethyl Ether
Concen: 0.287 ug/l
RT: 3.822 min Scan# 312
Delta R.T. -0.000 min
Lab File: VN071547.D
Acq: 25 Mar 2022 15:05

Tgt Ion: 74 Resp: 1510
Ion Ratio Lower Upper
74 100
45 125.2 42.9 128.5

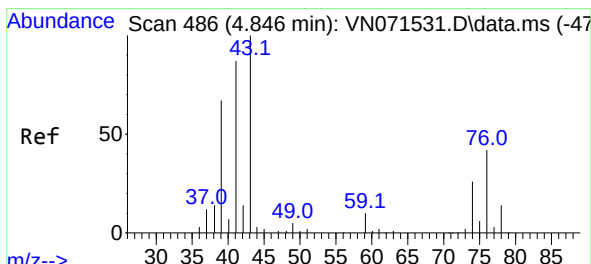
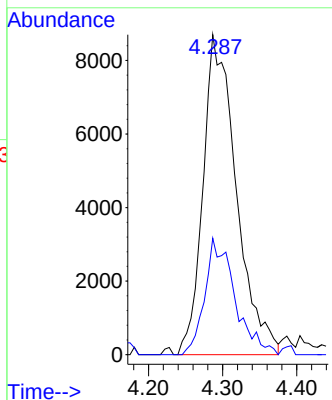




#16
Acetone
Concen: 6.873 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN071547.D
Acq: 25 Mar 2022 15:05

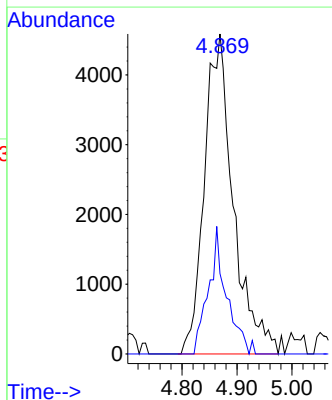
Tgt Ion: 43 Resp: 27186
Ion Ratio Lower Upper
43 100
58 36.4 26.0 39.0

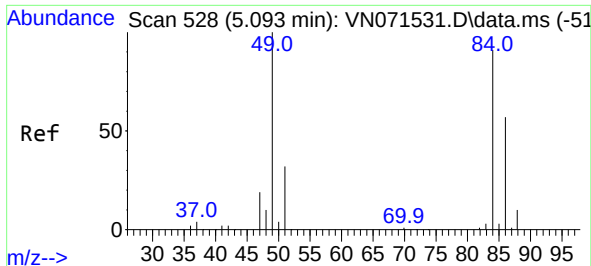
Instrument :
MSVOA_N
ClientSampleId :
PB143557ZHE#06



#18
Methyl Acetate
Concen: 0.378 ug/l
RT: 4.869 min Scan# 490
Delta R.T. 0.023 min
Lab File: VN071547.D
Acq: 25 Mar 2022 15:05

Tgt Ion: 43 Resp: 16719
Ion Ratio Lower Upper
43 100
74 24.6 21.6 32.4

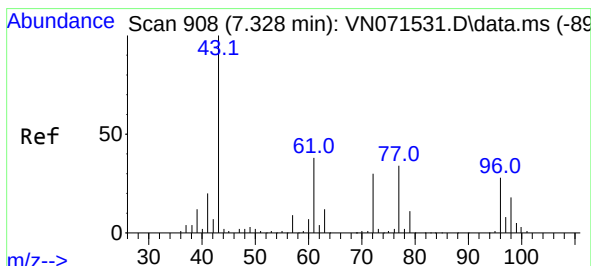
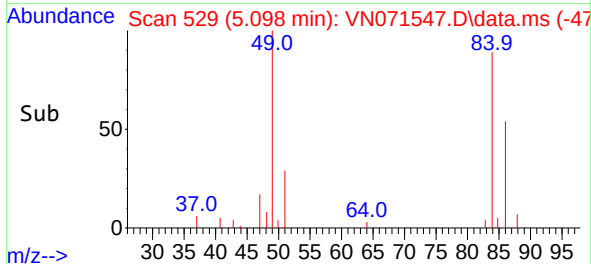
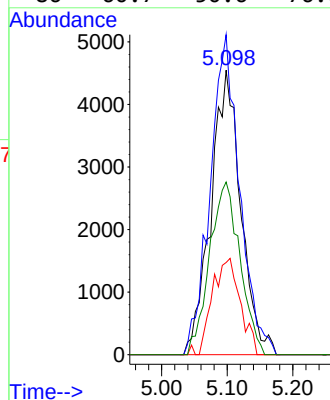
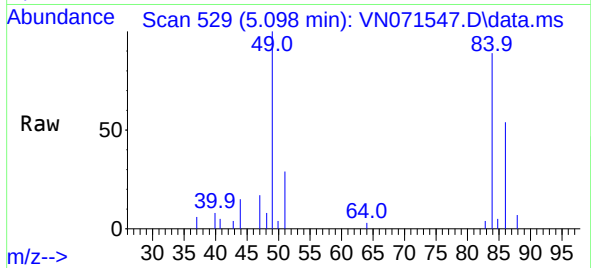




#20
Methylene Chloride
Concen: 1.567 ug/l
RT: 5.098 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN071547.D
Acq: 25 Mar 2022 15:05

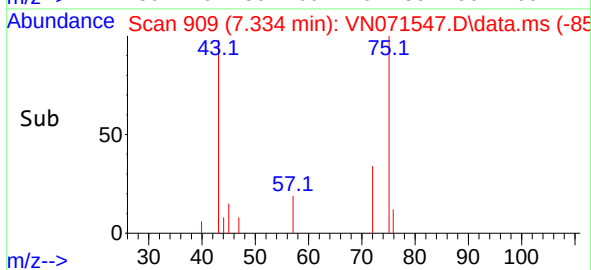
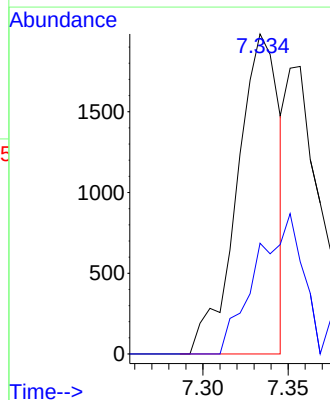
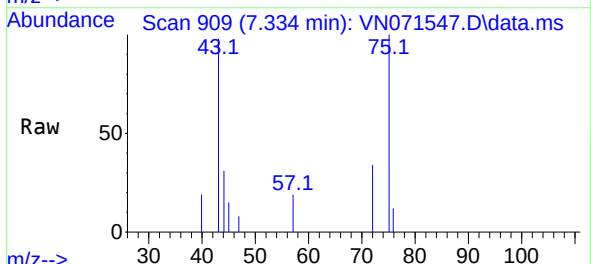
Instrument :
MSVOA_N
ClientSampleId :
PB143557ZHE#06

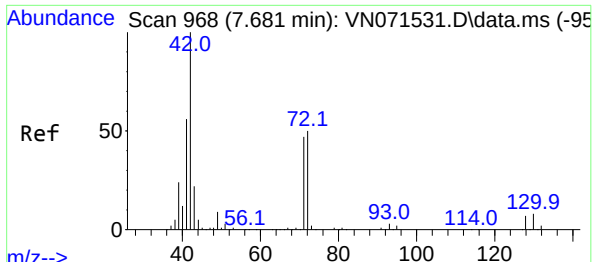
Tgt Ion:	84	Resp:	14439
Ion	Ratio	Lower	Upper
84	100		
49	112.5	88.3	132.5
51	32.4	28.2	42.2
86	60.7	50.6	76.0



#25
2-Butanone
Concen: 0.535 ug/l
RT: 7.334 min Scan# 909
Delta R.T. 0.006 min
Lab File: VN071547.D
Acq: 25 Mar 2022 15:05

Tgt Ion:	43	Resp:	3394
Ion	Ratio	Lower	Upper
43	100		
72	34.6	23.7	35.5

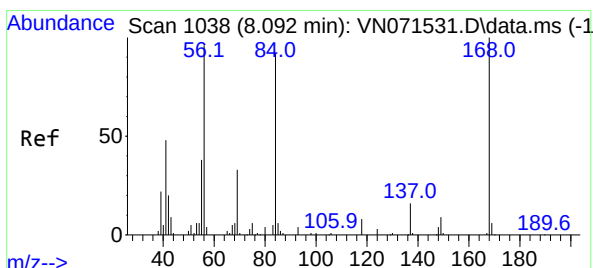
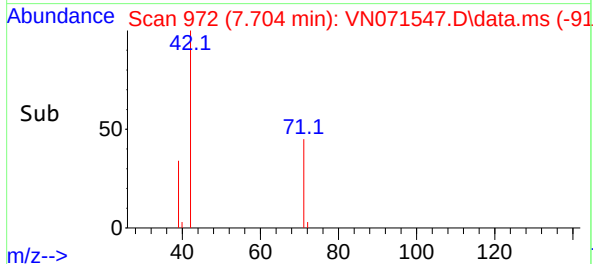
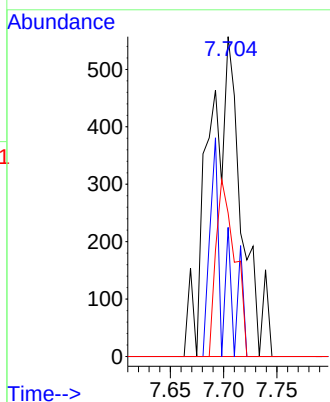
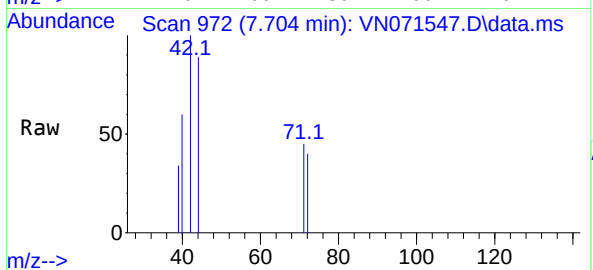




#29
Tetrahydrofuran
Concen: 0.283 ug/l
RT: 7.704 min Scan# 91
Delta R.T. 0.023 min
Lab File: VN071547.D
Acq: 25 Mar 2022 15:05

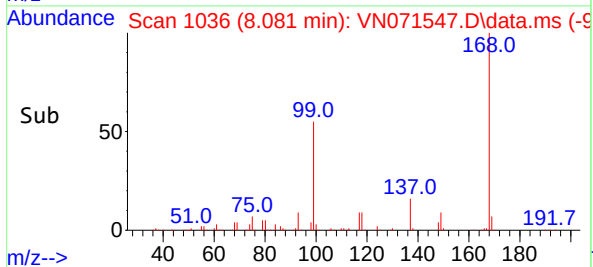
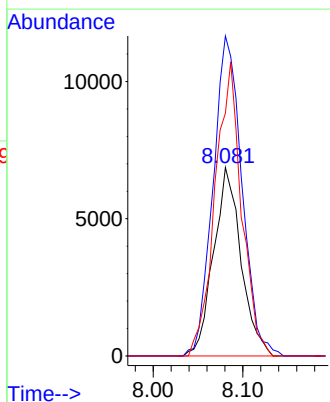
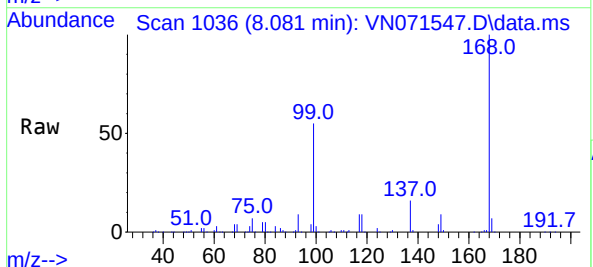
Instrument :
MSVOA_N
ClientSampleId :
PB143557ZHE#06

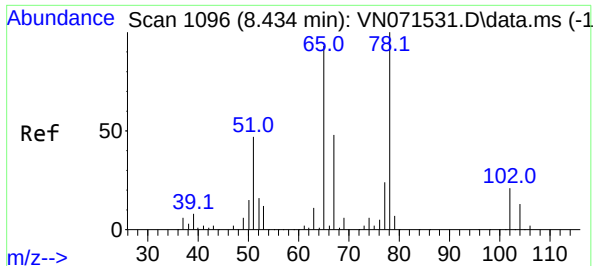
Tgt Ion:	42	Resp:	1196
Ion	Ratio	Lower	Upper
42	100		
72	29.5	39.7	59.5#
71	31.7	36.6	55.0#



#31
Cyclohexane
Concen: 1.059 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.012 min
Lab File: VN071547.D
Acq: 25 Mar 2022 15:05

Tgt Ion:	56	Resp:	14618
Ion	Ratio	Lower	Upper
56	100		
69	169.7	27.8	41.8#
84	128.7	76.9	115.3#





#33

1,2-Dichloroethane-d4

Concen: 47.115 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN071547.D

Acq: 25 Mar 2022 15:05

Instrument :

MSVOA_N

ClientSampleId :

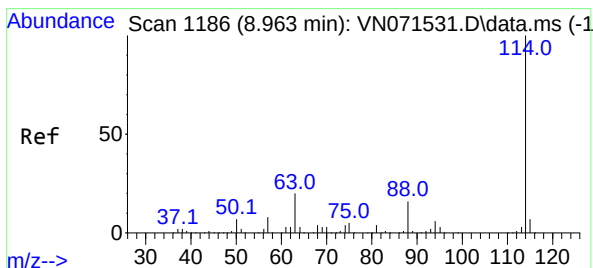
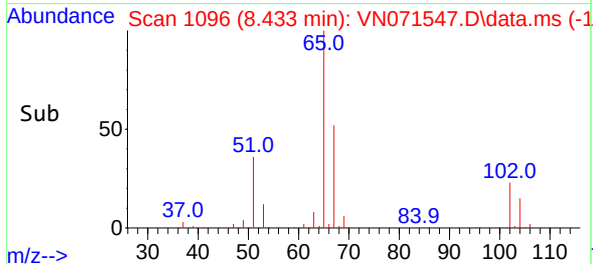
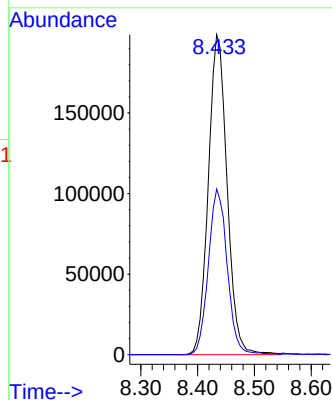
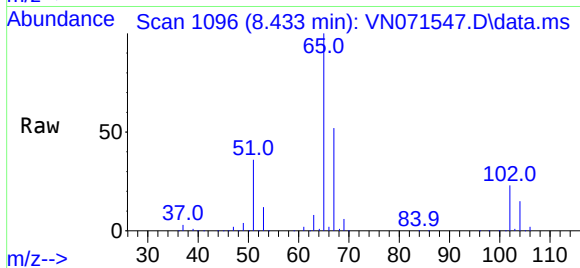
PB143557ZHE#06

Tgt Ion: 65 Resp: 454672

Ion Ratio Lower Upper

65 100

67 52.0 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: VN071547.D

Acq: 25 Mar 2022 15:05

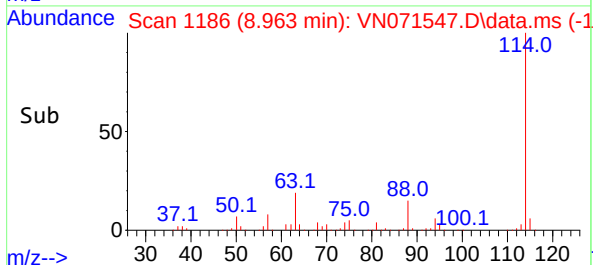
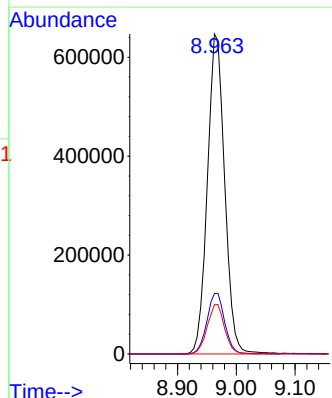
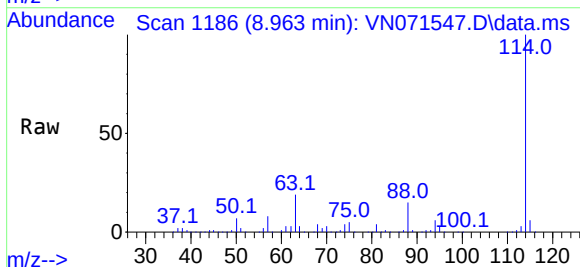
Tgt Ion: 114 Resp: 1325178

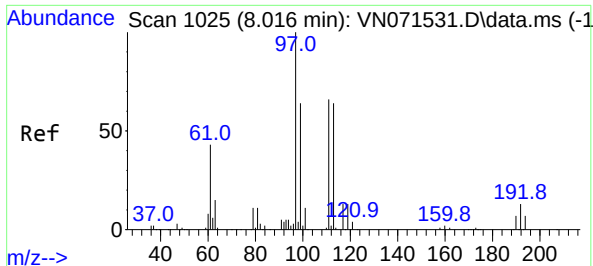
Ion Ratio Lower Upper

114 100

63 18.8 0.0 40.0

88 15.4 0.0 32.6

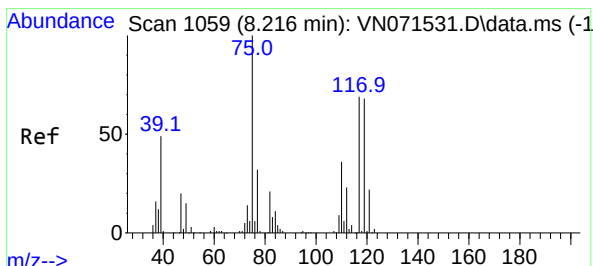
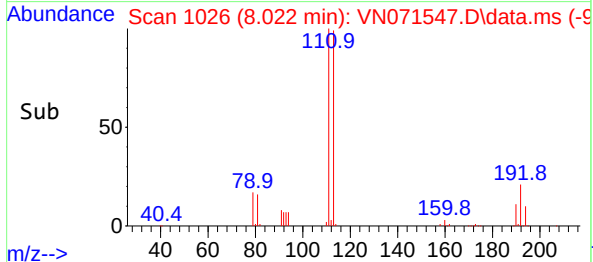
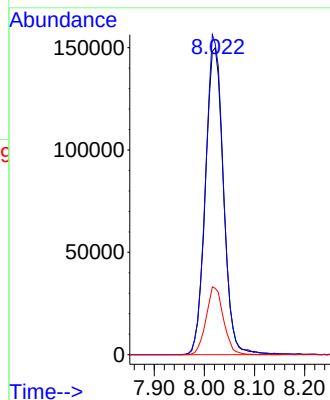
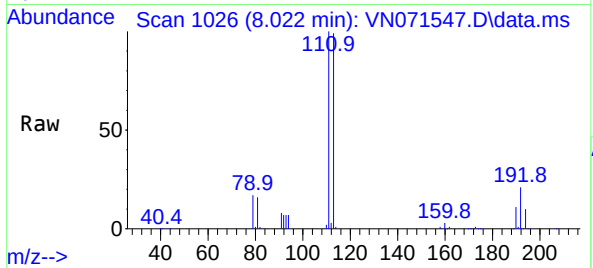




#35
Dibromofluoromethane
Concen: 45.235 ug/l
RT: 8.022 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VN071547.D
Acq: 25 Mar 2022 15:05

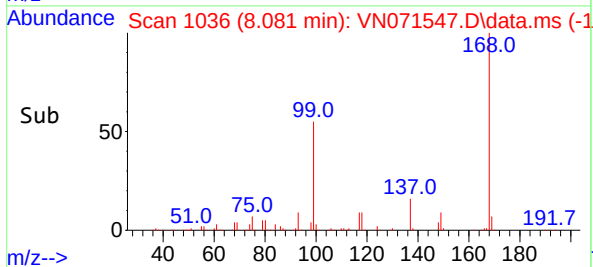
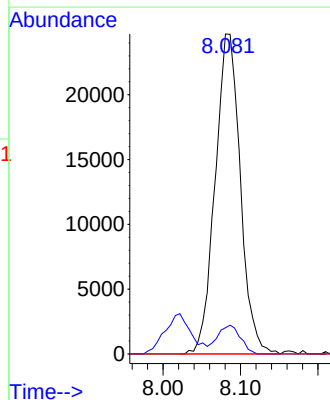
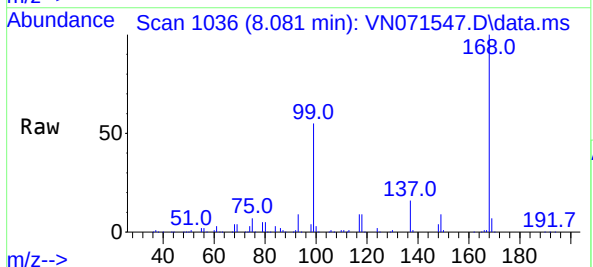
Instrument :
MSVOA_N
ClientSampleId :
PB143557ZHE#06

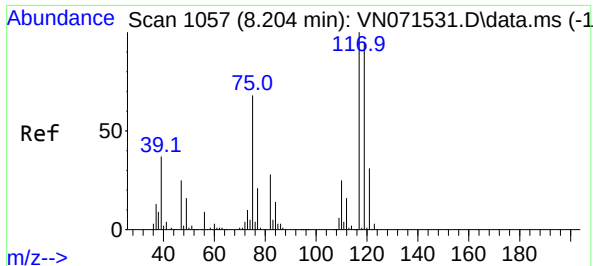
Tgt Ion:113 Resp: 376733
Ion Ratio Lower Upper
113 100
111 102.5 81.4 122.0
192 21.2 17.0 25.6



#36
1,1-Dichloropropene
Concen: 4.655 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.135 min
Lab File: VN071547.D
Acq: 25 Mar 2022 15:05

Tgt Ion: 75 Resp: 55903
Ion Ratio Lower Upper
75 100
110 8.2 18.3 54.8#
77 0.0 25.1 37.7#

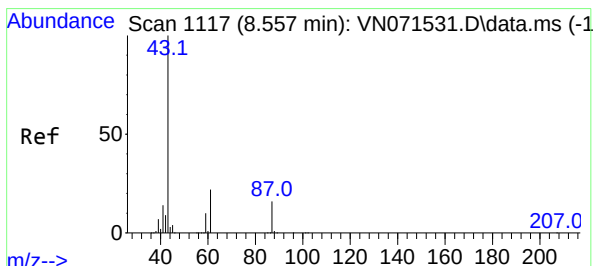
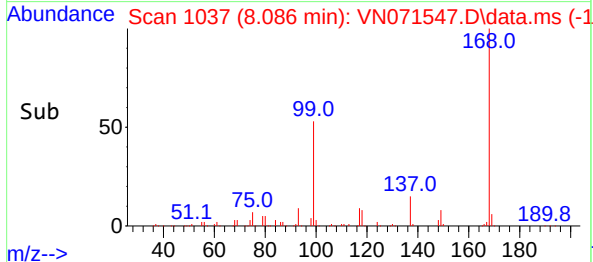
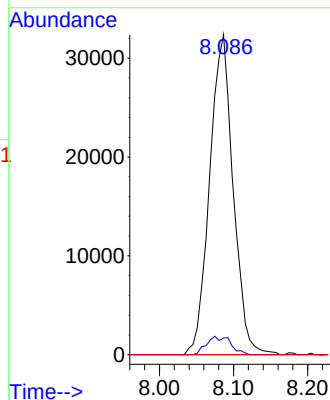
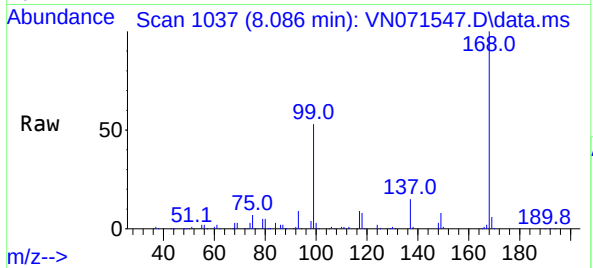




#38
Carbon Tetrachloride
Concen: 6.107 ug/l
RT: 8.086 min Scan# 1117
Delta R.T. -0.118 min
Lab File: VN071547.D
Acq: 25 Mar 2022 15:05

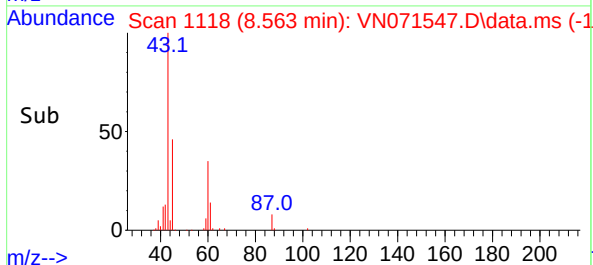
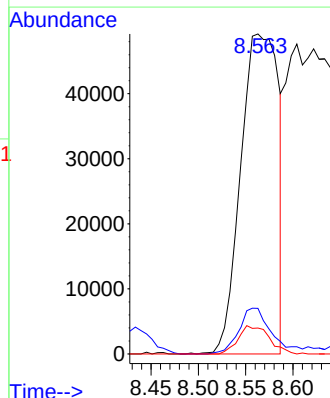
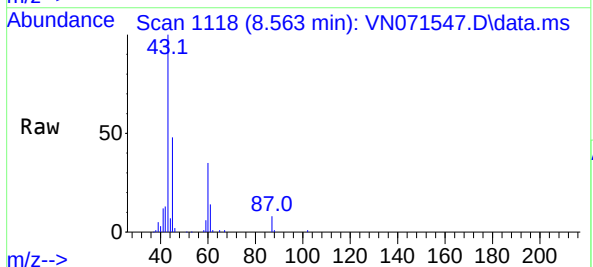
Instrument :
MSVOA_N
ClientSampleId :
PB143557ZHE#06

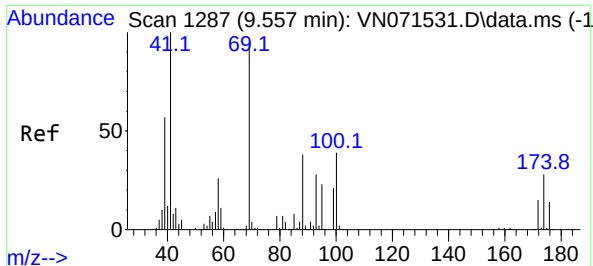
Tgt Ion:117 Resp: 71489
Ion Ratio Lower Upper
117 100
119 5.2 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 6.139 ug/l
RT: 8.563 min Scan# 1118
Delta R.T. 0.006 min
Lab File: VN071547.D
Acq: 25 Mar 2022 15:05

Tgt Ion: 43 Resp: 135923
Ion Ratio Lower Upper
43 100
61 12.4 21.9 32.9#
87 7.3 12.0 18.0#

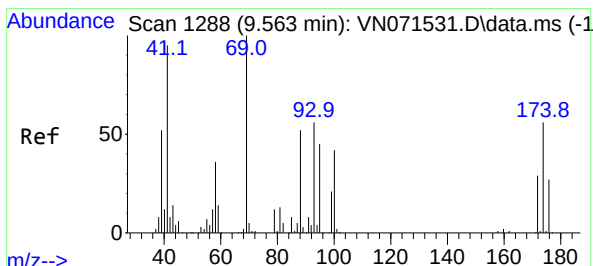
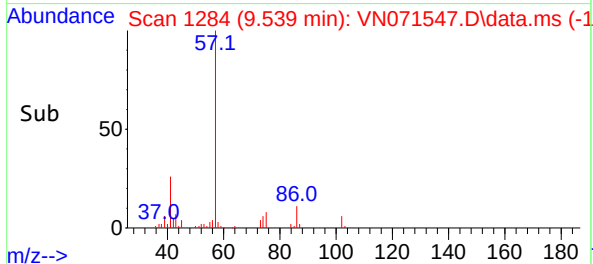
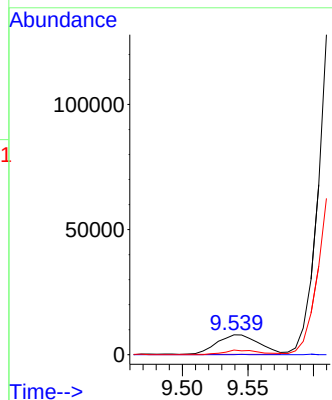
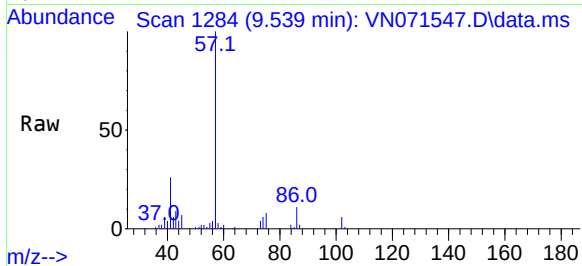




#48
Methyl methacrylate
Concen: 1.831 ug/l
RT: 9.539 min Scan# 1284
Delta R.T. -0.018 min
Lab File: VN071547.D
Acq: 25 Mar 2022 15:05

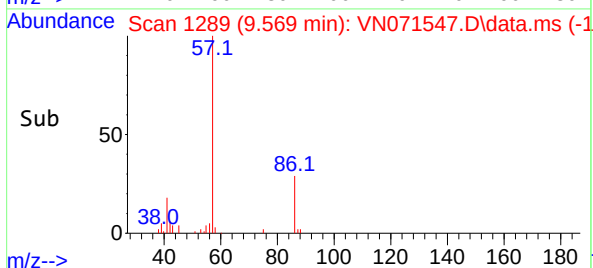
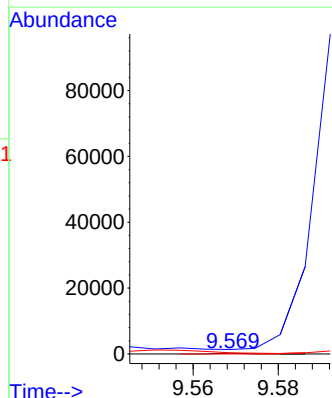
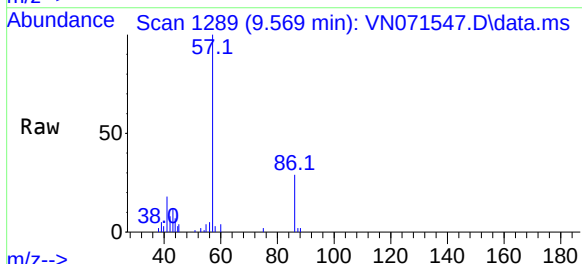
Instrument :
MSVOA_N
ClientSampleId :
PB143557ZHE#06

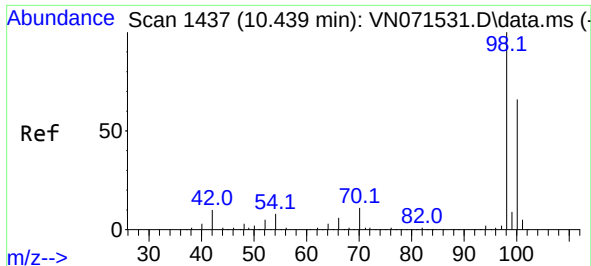
Tgt Ion: 41 Resp: 17302
Ion Ratio Lower Upper
41 100
69 0.3 74.7 112.1#
39 0.0 45.6 68.4#



#49
1,4-Dioxane
Concen: 0.362 ug/l
RT: 9.569 min Scan# 1289
Delta R.T. 0.006 min
Lab File: VN071547.D
Acq: 25 Mar 2022 15:05

Tgt Ion: 88 Resp: 79
Ion Ratio Lower Upper
88 100
43 0.0 20.2 30.4#
58 3431.6 54.2 81.4#

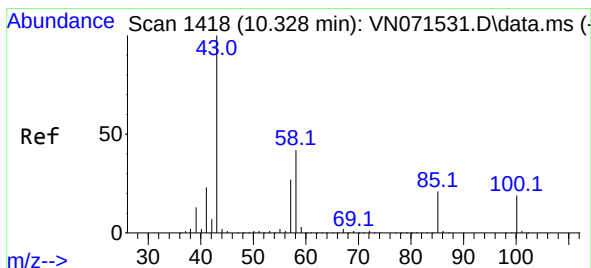
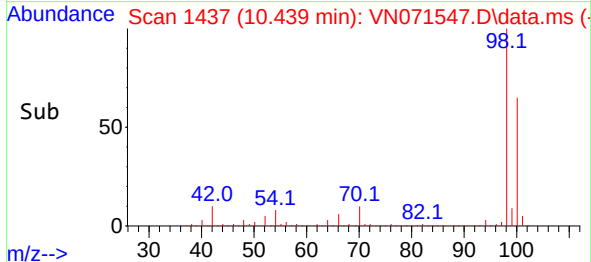
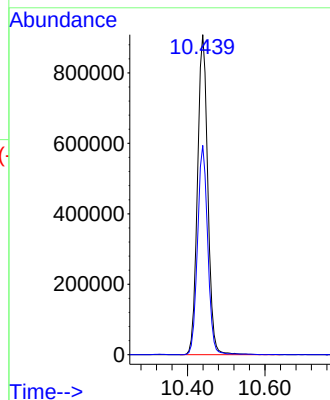
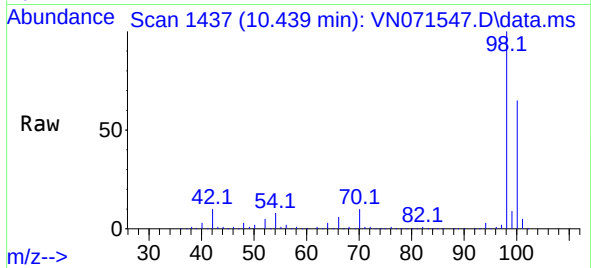




#50
Toluene-d8
Concen: 49.677 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VN071547.D
Acq: 25 Mar 2022 15:05

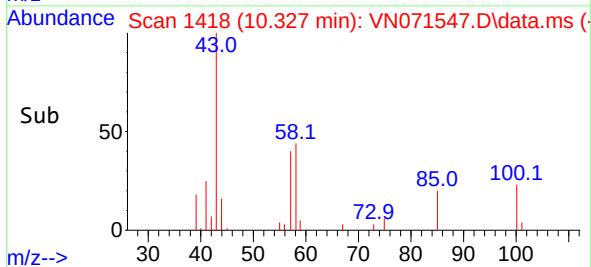
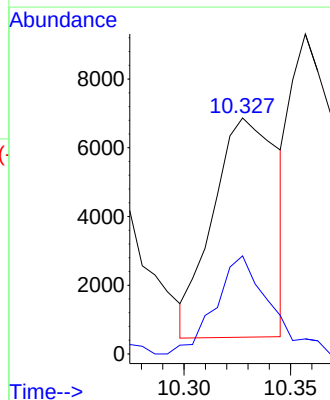
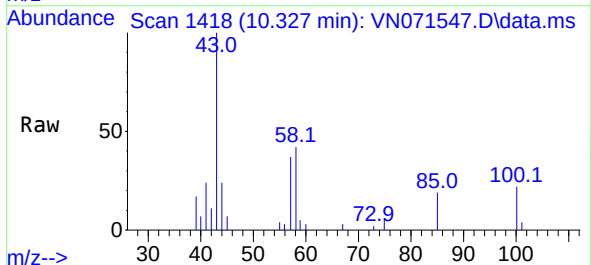
Instrument :
MSVOA_N
ClientSampleId :
PB143557ZHE#06

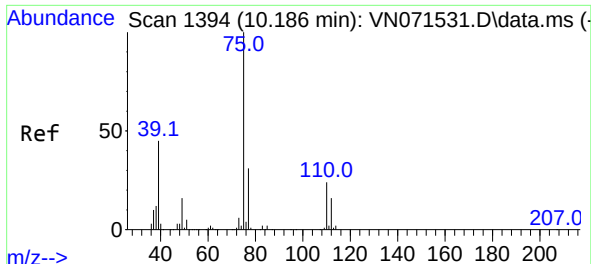
Tgt Ion: 98 Resp: 1668767
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 1.021 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN071547.D
Acq: 25 Mar 2022 15:05

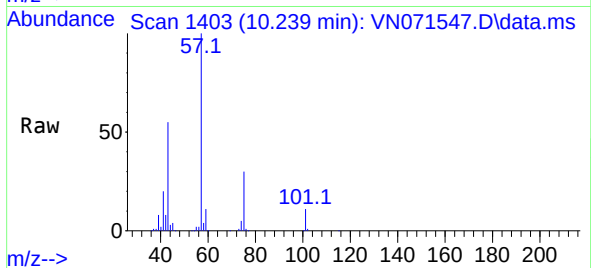
Tgt Ion: 43 Resp: 13377
Ion Ratio Lower Upper
43 100
58 37.8 34.1 51.1



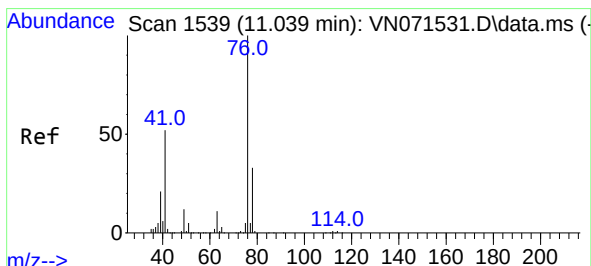
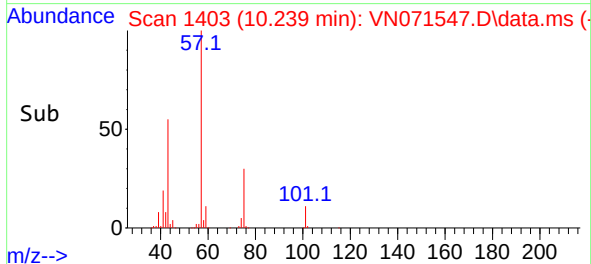
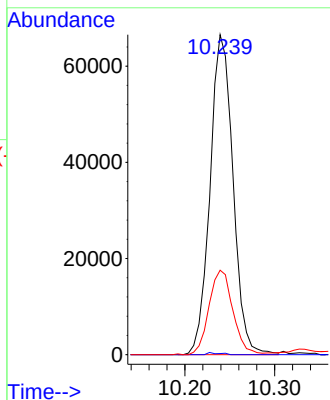


#54
cis-1,3-Dichloropropene
Concen: 8.072 ug/l
RT: 10.239 min Scan# 1403
Delta R.T. 0.053 min
Lab File: VN071547.D
Acq: 25 Mar 2022 15:05

Instrument :
MSVOA_N
ClientSampleId :
PB143557ZHE#06

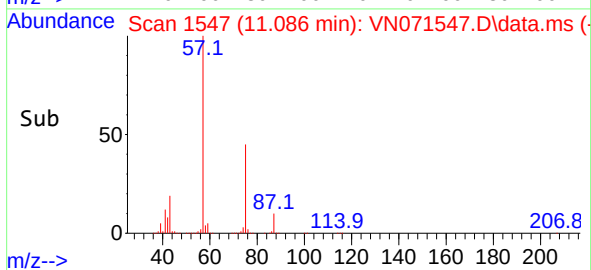
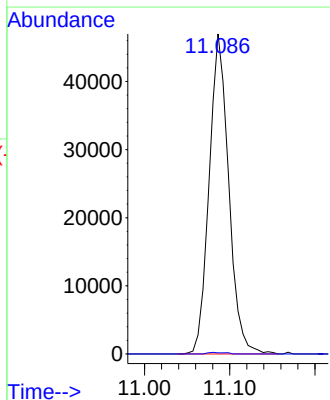
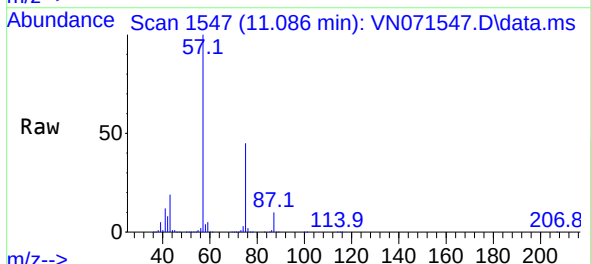


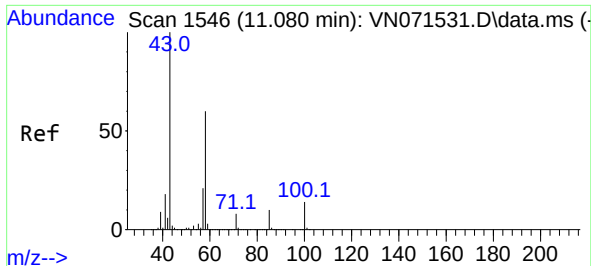
Tgt Ion: 75 Resp: 118222
Ion Ratio Lower Upper
75 100
77 0.4 25.2 37.8#
39 26.2 35.7 53.5#



#57
1,3-Dichloropropane
Concen: 4.697 ug/l
RT: 11.086 min Scan# 1547
Delta R.T. 0.047 min
Lab File: VN071547.D
Acq: 25 Mar 2022 15:05

Tgt Ion: 76 Resp: 74959
Ion Ratio Lower Upper
76 100
78 0.4 26.2 39.2#

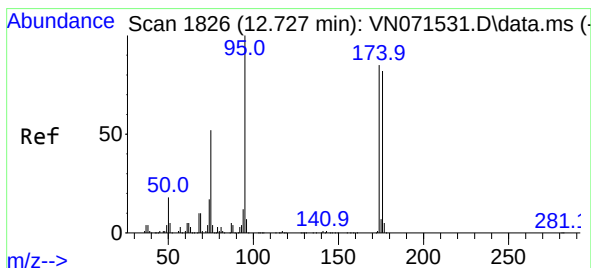
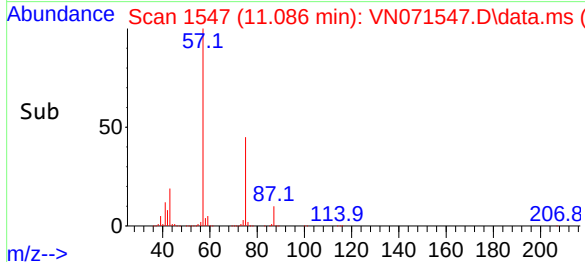
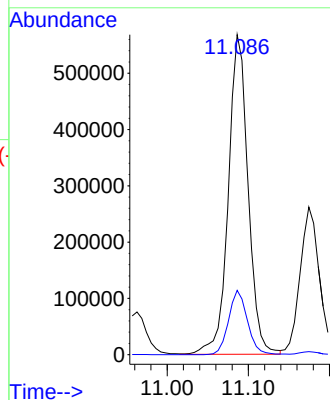
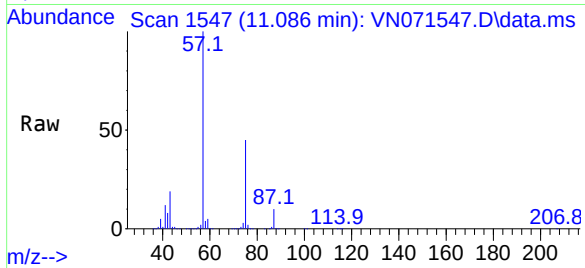




#59
2-Hexanone
Concen: 101.697 ug/l
RT: 11.086 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN071547.D
Acq: 25 Mar 2022 15:05

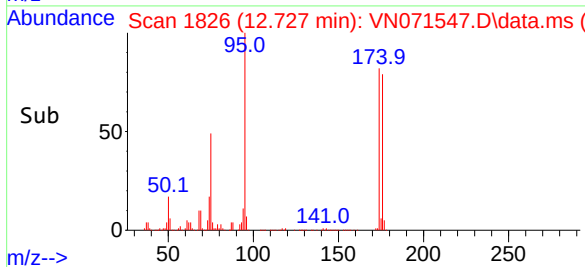
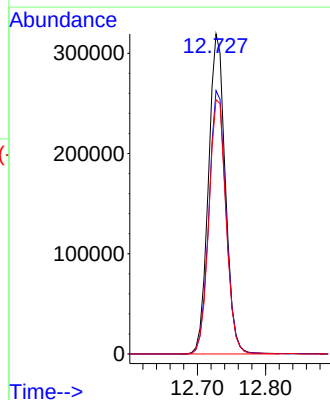
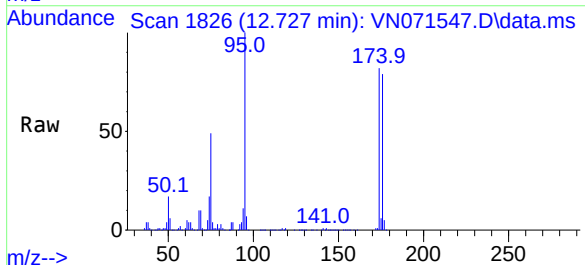
Instrument :
MSVOA_N
ClientSampleId :
PB143557ZHE#06

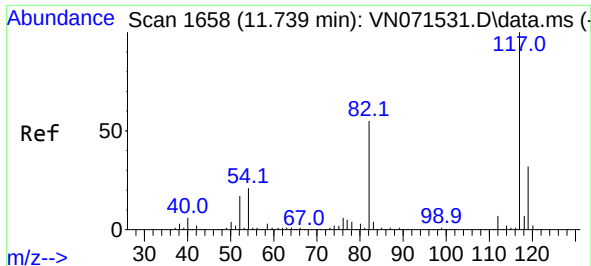
Tgt Ion: 43 Resp: 960686
Ion Ratio Lower Upper
43 100
58 19.2 29.7 89.1#



#62
4-Bromofluorobenzene
Concen: 49.884 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN071547.D
Acq: 25 Mar 2022 15:05

Tgt Ion: 95 Resp: 549079
Ion Ratio Lower Upper
95 100
174 83.3 0.0 167.6
176 80.9 0.0 163.4

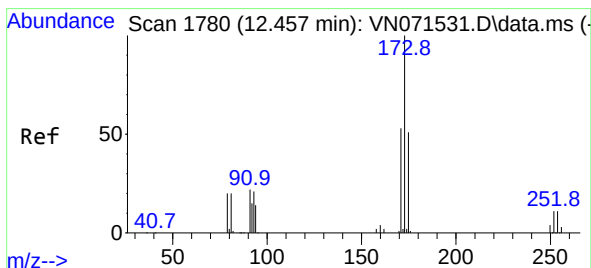
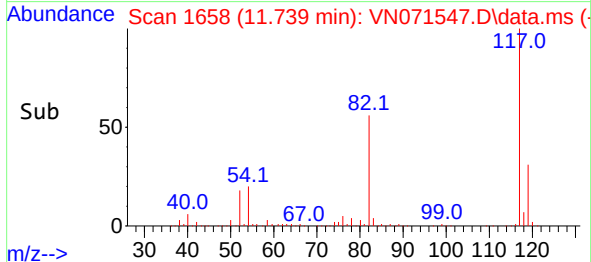
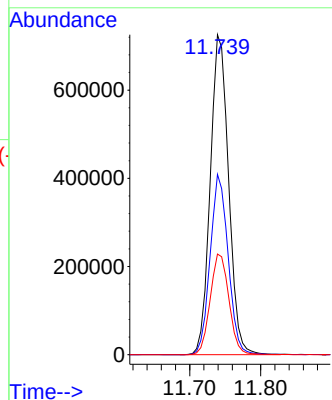
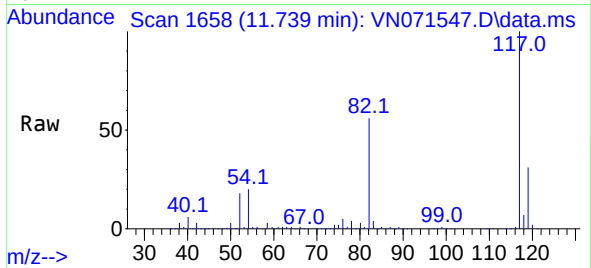




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN071547.D
Acq: 25 Mar 2022 15:05

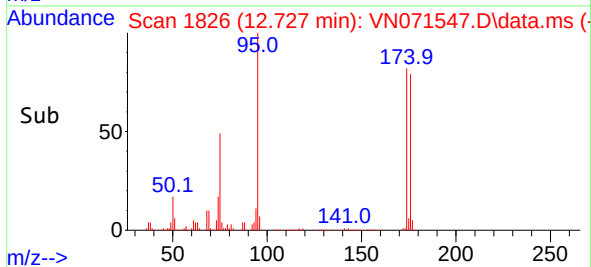
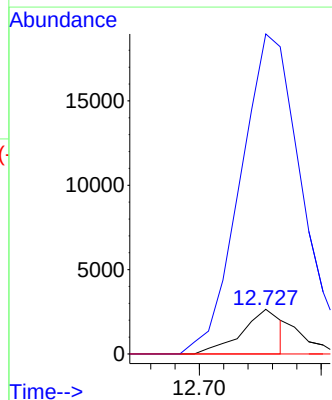
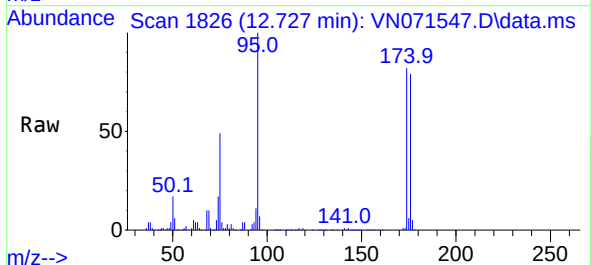
Instrument :
MSVOA_N
ClientSampleId :
PB143557ZHE#06

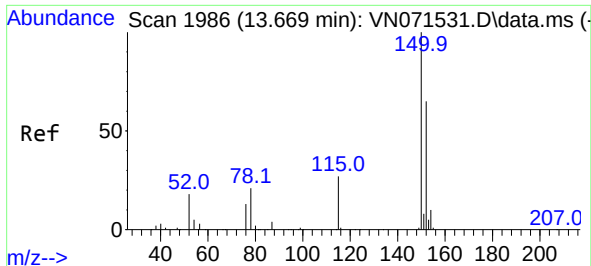
Tgt Ion:117 Resp: 1301550
Ion Ratio Lower Upper
117 100
82 56.4 44.2 66.2
119 31.5 25.4 38.0



#71
Bromoform
Concen: 0.388 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.270 min
Lab File: VN071547.D
Acq: 25 Mar 2022 15:05

Tgt Ion:173 Resp: 2982
Ion Ratio Lower Upper
173 100
175 797.4 24.6 73.6#
254 0.0 0.1 0.1#

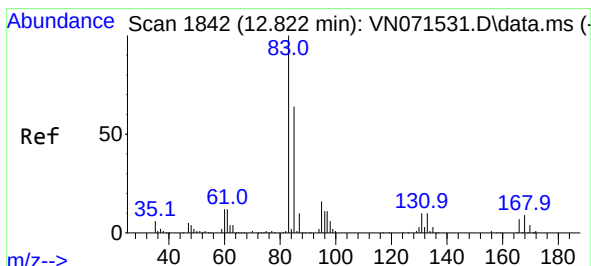
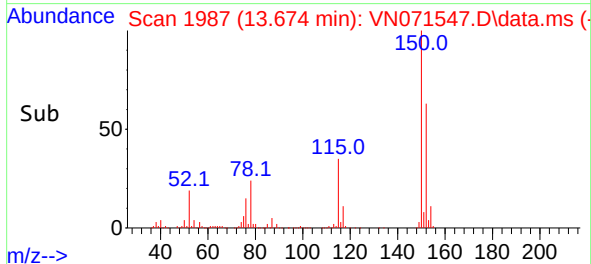
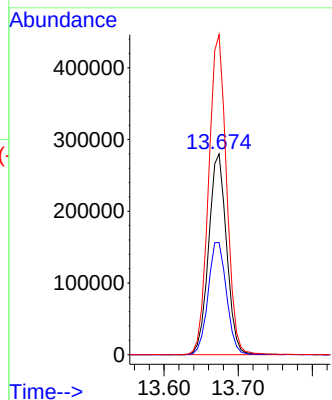
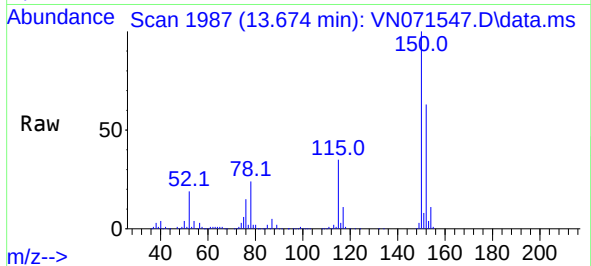




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1986
Delta R.T. 0.006 min
Lab File: VN071547.D
Acq: 25 Mar 2022 15:05

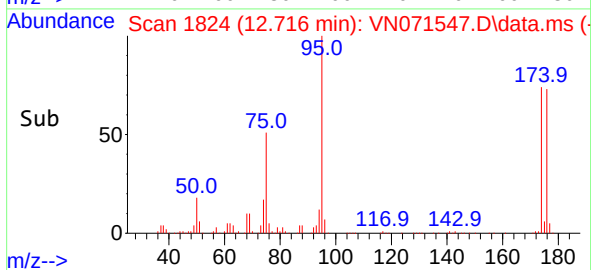
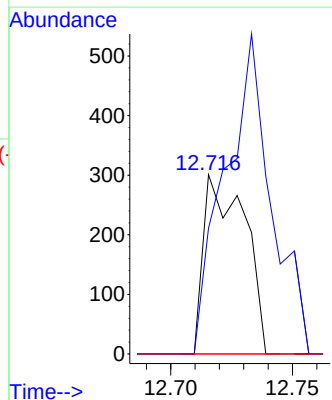
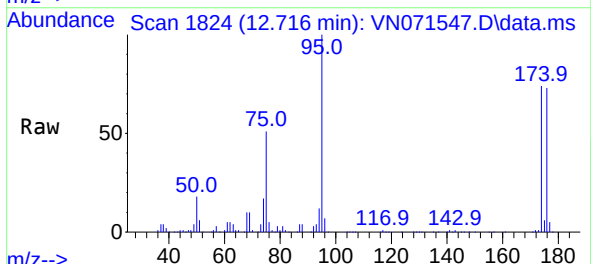
Instrument :
MSVOA_N
ClientSampleId :
PB143557ZHE#06

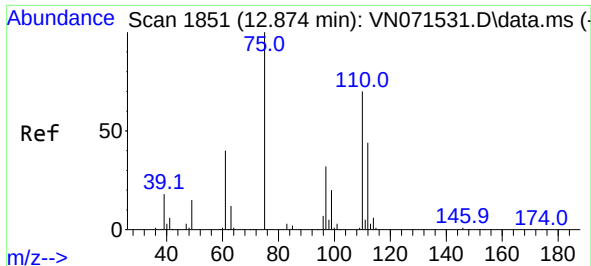
Tgt Ion:152 Resp: 471591
Ion Ratio Lower Upper
152 100
115 57.5 28.9 86.7
150 158.7 0.0 356.2



#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.716 min Scan# 1824
Delta R.T. -0.106 min
Lab File: VN071547.D
Acq: 25 Mar 2022 15:05

Tgt Ion: 83 Resp: 353
Ion Ratio Lower Upper
83 100
131 200.6 5.3 15.9#
85 0.0 32.3 96.9#

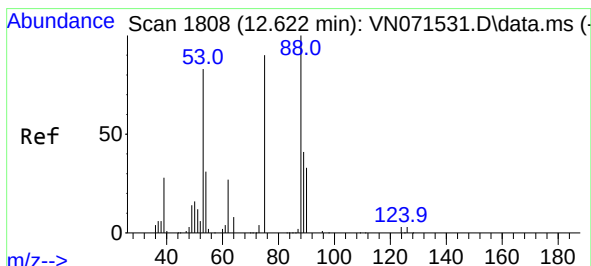
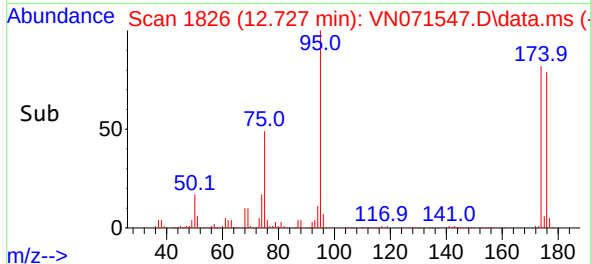
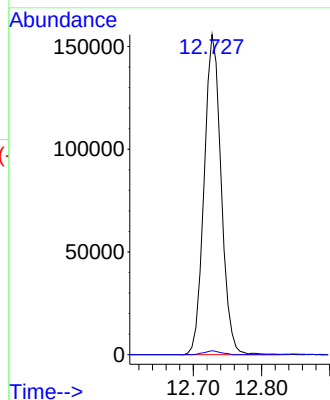
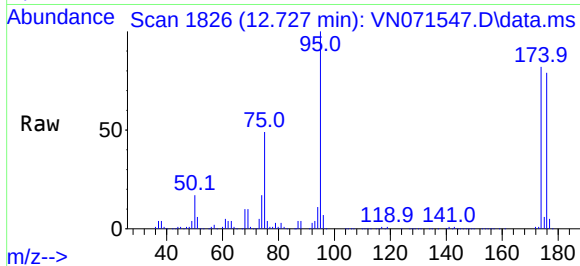




#76
1,2,3-Trichloropropane
Concen: 25.691 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071547.D
Acq: 25 Mar 2022 15:05

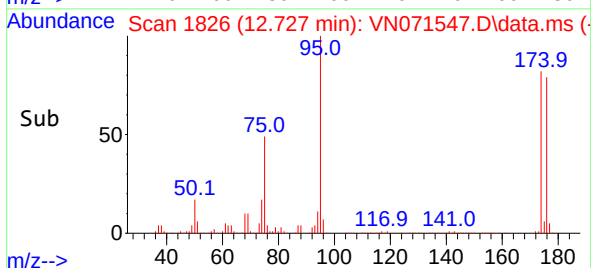
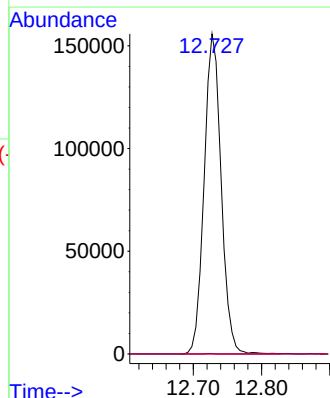
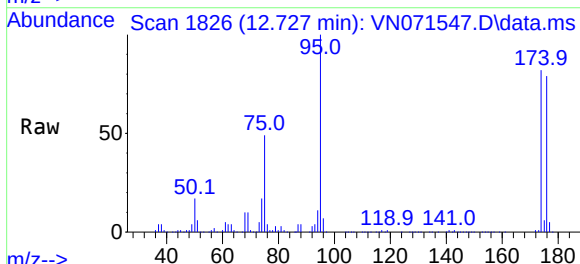
Instrument :
MSVOA_N
ClientSampleId :
PB143557ZHE#06

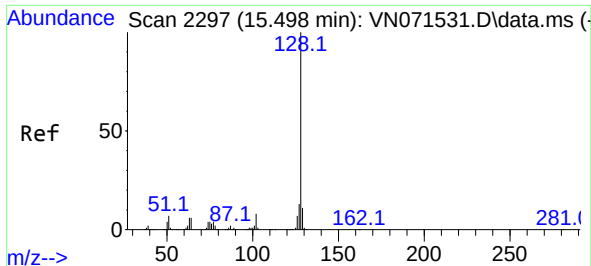
Tgt Ion: 75 Resp: 270168
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.783 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.106 min
Lab File: VN071547.D
Acq: 25 Mar 2022 15:05

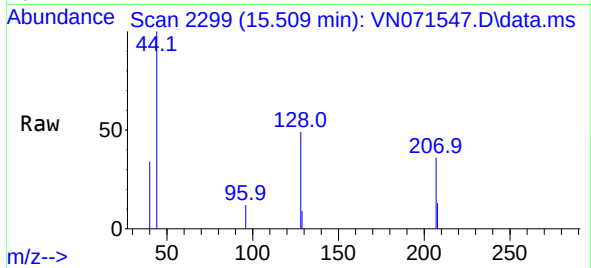
Tgt Ion: 75 Resp: 270168
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#





#95
 Naphthalene
 Concen: 3.271 ug/l
 RT: 15.509 min Scan# 21
 Delta R.T. 0.011 min
 Lab File: VN071547.D
 Acq: 25 Mar 2022 15:05

Instrument :
 MSVOA_N
 ClientSampleId :
 PB143557ZHE#06



Tgt Ion:	128	Resp:	1460
Ion	Ratio	Lower	Upper
128	100		
127	4.7	10.3	15.5#
129	3.8	8.6	13.0#

