

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040622\
 Data File : VN071886.D
 Acq On : 06 Apr 2022 17:56
 Operator : JC\MD
 Sample : PB143897ZHE#06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB143897ZHE#06

Quant Time: Apr 07 04:29:34 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

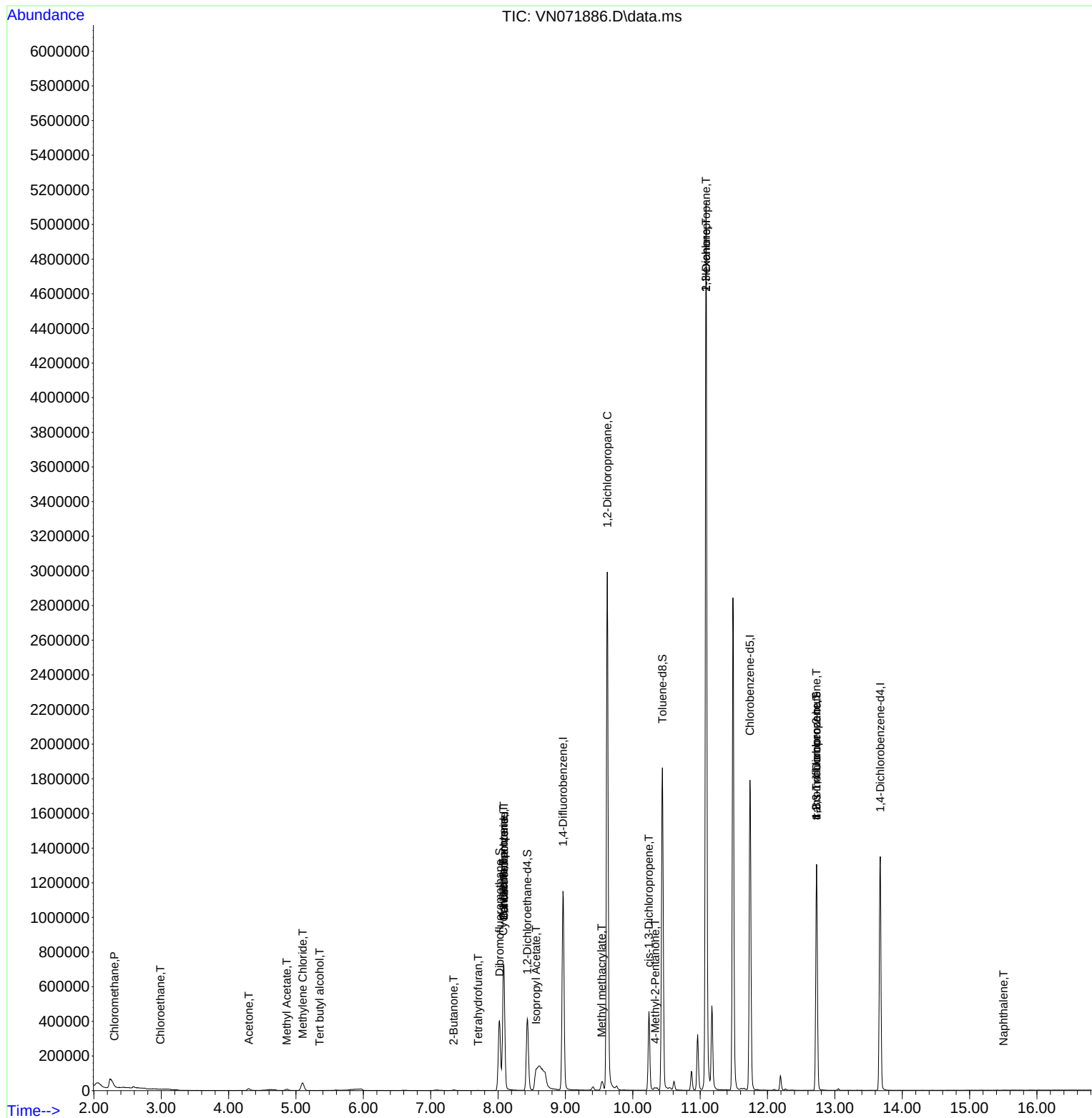
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.086	168	616664	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1076755	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1126228	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	400944	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	344131	48.883	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.760%
35) Dibromofluoromethane	8.022	113	304825	48.109	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.220%
50) Toluene-d8	10.439	98	1381481	53.299	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	106.600%
62) 4-Bromofluorobenzene	12.727	95	466145	55.608	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	111.220%
Target Compounds						
					Qvalue	
3) Chloromethane	2.304	50	1614	0.260	ug/l #	82
6) Chloroethane	2.987	64	995	0.203	ug/l #	42
11) Tert butyl alcohol	5.351	59	316	0.277	ug/l #	72
16) Acetone	4.298	43	18886	6.277	ug/l	90
18) Methyl Acetate	4.863	43	16121	0.670	ug/l	99
20) Methylene Chloride	5.098	84	38941	6.141	ug/l	94
25) 2-Butanone	7.339	43	7382	1.702	ug/l	95
29) Tetrahydrofuran	7.704	42	763	0.272	ug/l #	66
31) Cyclohexane	8.075	56	9752	1.019	ug/l #	1
36) 1,1-Dichloropropene	8.081	75	42406	4.793	ug/l #	48
38) Carbon Tetrachloride	8.086	117	55783	6.433	ug/l #	16
43) Isopropyl Acetate	8.563	43	145256	9.017	ug/l #	71
45) 1,2-Dichloropropane	9.622	63	3913	0.560	ug/l #	44
48) Methyl methacrylate	9.539	41	13750	2.057	ug/l #	10
49) 1,4-Dioxane	9.616	88	397	Below Cal	#	1
51) 4-Methyl-2-Pentanone	10.333	43	10462	1.130	ug/l	88
54) cis-1,3-Dichloropropene	10.239	75	92601	8.569	ug/l #	59
57) 1,3-Dichloropropane	11.086	76	59741	4.914	ug/l #	43
59) 2-Hexanone	11.086	43	707626	108.523	ug/l #	48
76) 1,2,3-Trichloropropane	12.727	75	219979	23.684	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	219979	73.395	ug/l #	10
95) Naphthalene	15.504	128	584	3.832	ug/l #	69

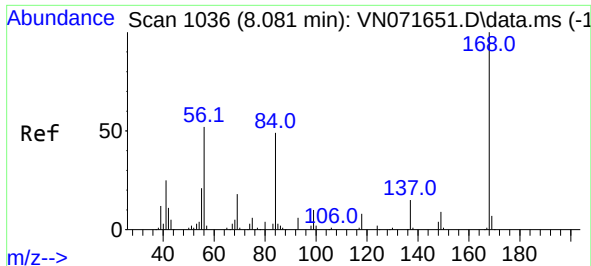
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040622\
Data File : VN071886.D
Acq On : 06 Apr 2022 17:56
Operator : JC\MD
Sample : PB143897ZHE#06
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB143897ZHE#06

Quant Time: Apr 07 04:29:34 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

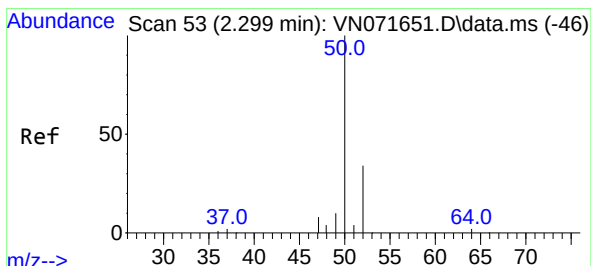
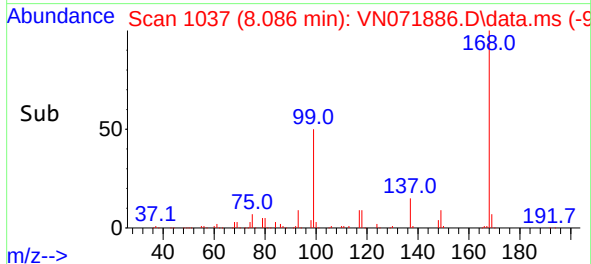
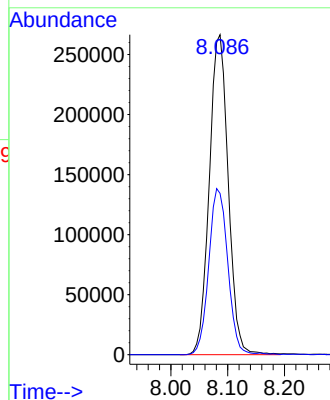
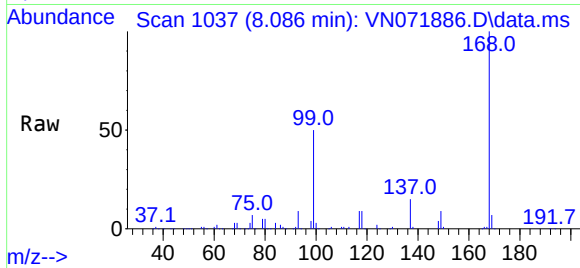




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN071886.D
Acq: 06 Apr 2022 17:56

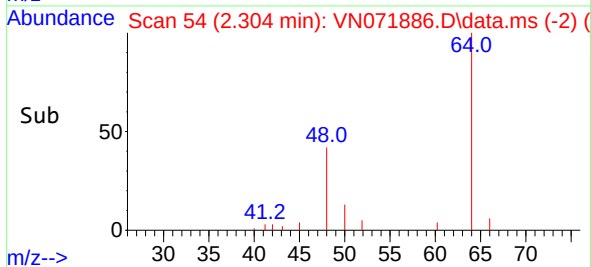
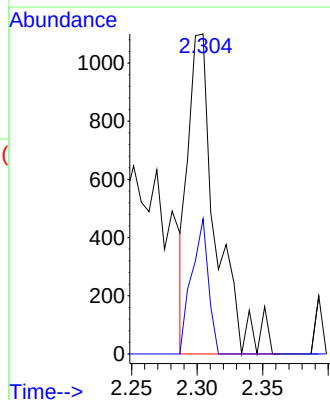
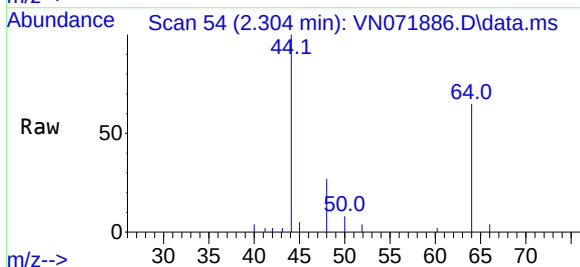
Instrument :
MSVOA_N
ClientSampleId :
PB143897ZHE#06

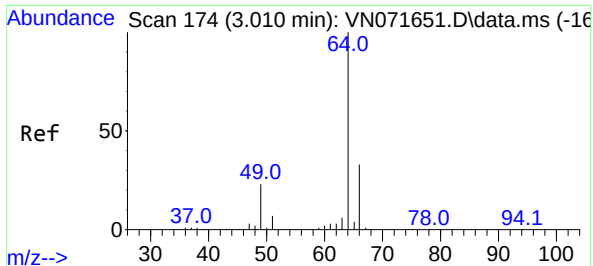
Tgt Ion:168 Resp: 616664
Ion Ratio Lower Upper
168 100
99 50.4 42.3 63.5



#3
Chloromethane
Concen: 0.260 ug/l
RT: 2.304 min Scan# 54
Delta R.T. 0.005 min
Lab File: VN071886.D
Acq: 06 Apr 2022 17:56

Tgt Ion: 50 Resp: 1614
Ion Ratio Lower Upper
50 100
52 42.3 25.7 38.5#

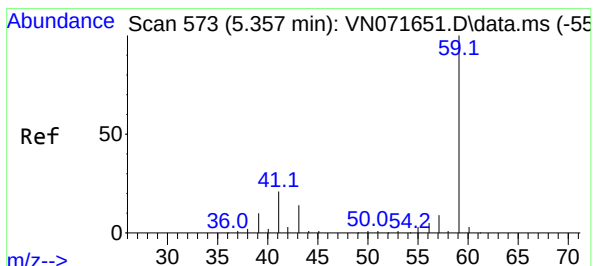
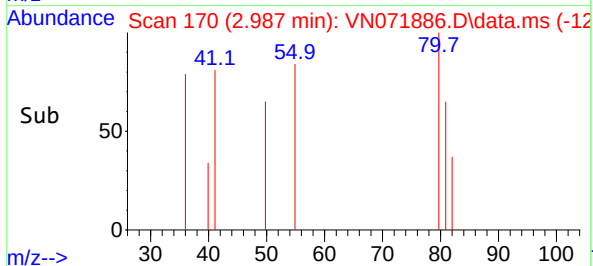
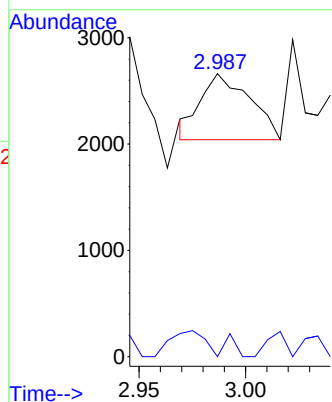
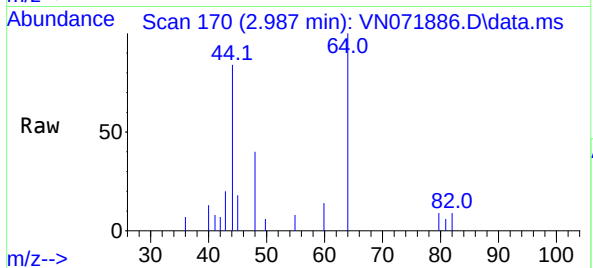




#6
Chloroethane
Concen: 0.203 ug/l
RT: 2.987 min Scan# 11
Delta R.T. -0.023 min
Lab File: VN071886.D
Acq: 06 Apr 2022 17:56

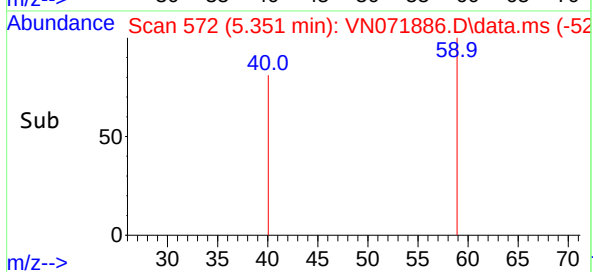
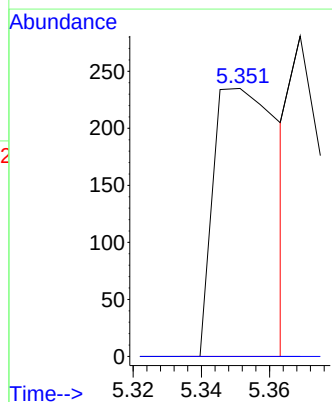
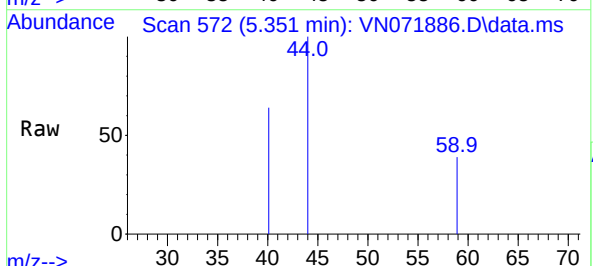
Instrument :
MSVOA_N
ClientSampleId :
PB143897ZHE#06

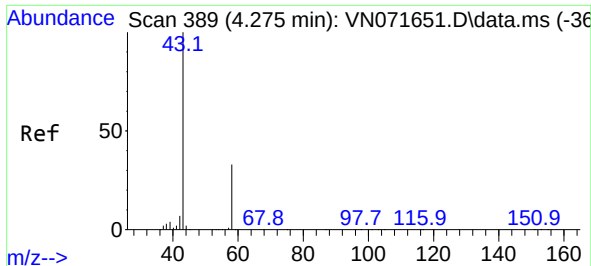
Tgt Ion: 64 Resp: 995
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#11
Tert butyl alcohol
Concen: 0.277 ug/l
RT: 5.351 min Scan# 572
Delta R.T. -0.006 min
Lab File: VN071886.D
Acq: 06 Apr 2022 17:56

Tgt Ion: 59 Resp: 316
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

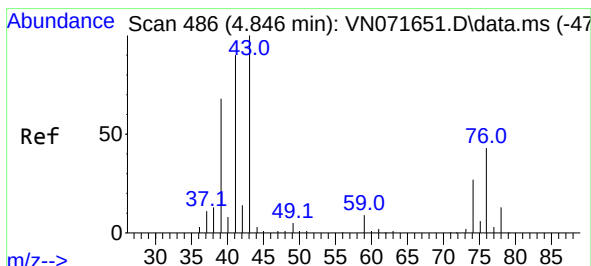
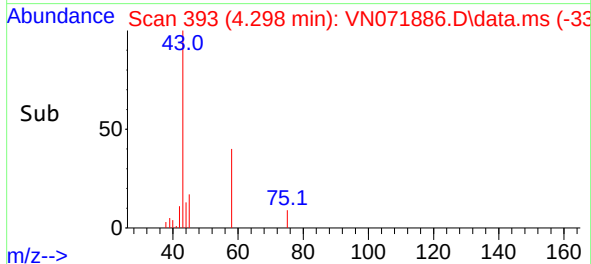
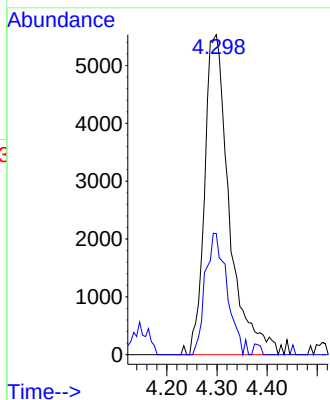
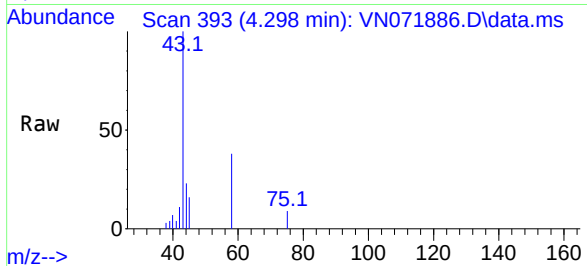




#16
Acetone
Concen: 6.277 ug/l
RT: 4.298 min Scan# 393
Delta R.T. 0.023 min
Lab File: VN071886.D
Acq: 06 Apr 2022 17:56

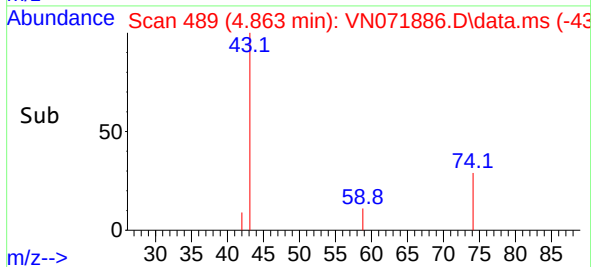
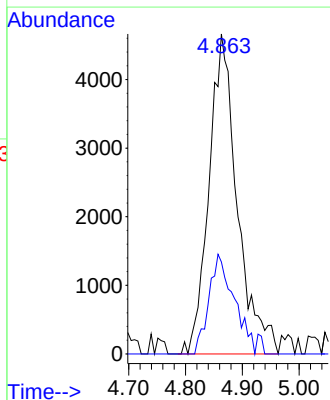
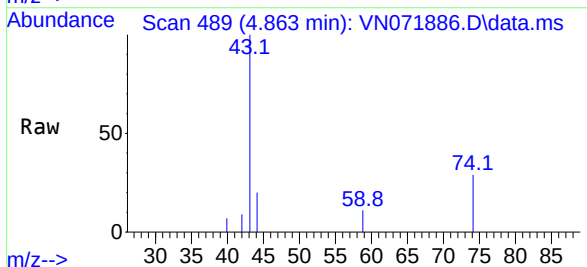
Instrument :
MSVOA_N
ClientSampleId :
PB143897ZHE#06

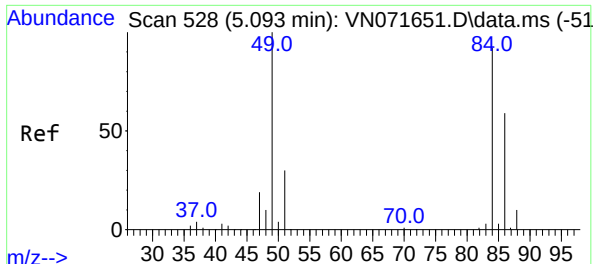
Tgt Ion: 43 Resp: 18886
Ion Ratio Lower Upper
43 100
58 37.9 26.0 39.0



#18
Methyl Acetate
Concen: 0.670 ug/l
RT: 4.863 min Scan# 489
Delta R.T. 0.017 min
Lab File: VN071886.D
Acq: 06 Apr 2022 17:56

Tgt Ion: 43 Resp: 16121
Ion Ratio Lower Upper
43 100
74 27.7 21.6 32.4



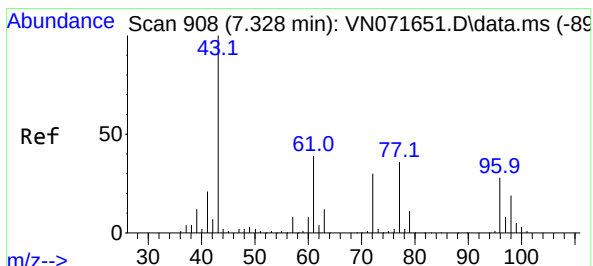
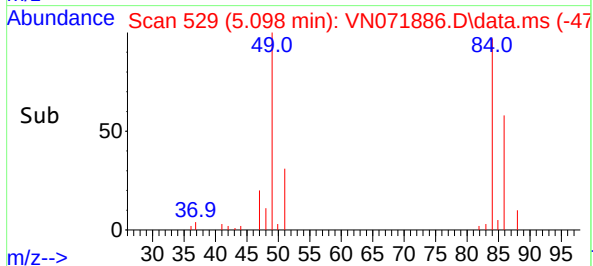
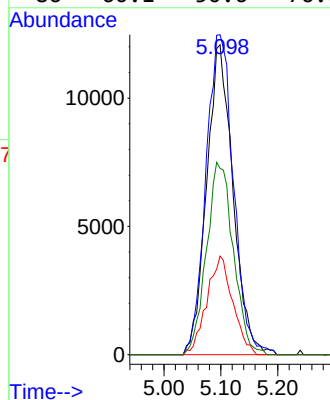
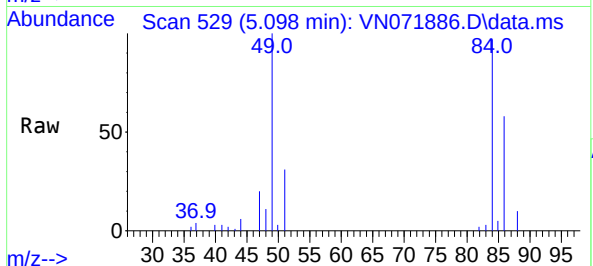


#20
Methylene Chloride
Concen: 6.141 ug/l
RT: 5.098 min Scan# 51
Delta R.T. 0.005 min
Lab File: VN071886.D
Acq: 06 Apr 2022 17:56

Instrument :
MSVOA_N
ClientSampleId :
PB143897ZHE#06

Tgt Ion: 84 Resp: 38941

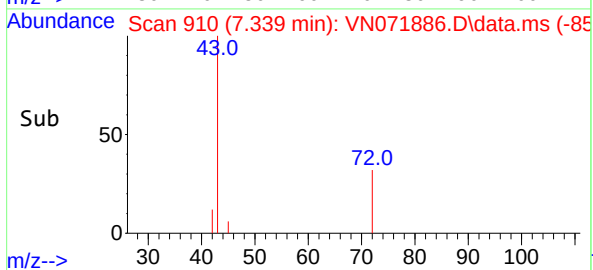
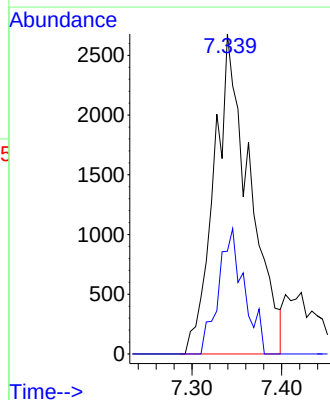
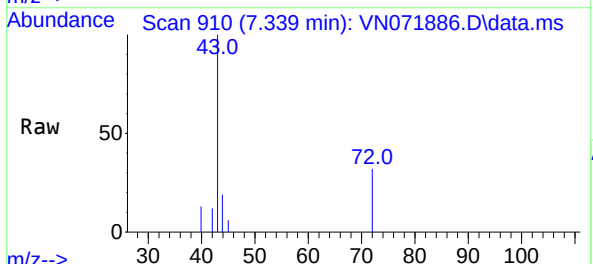
Ion	Ratio	Lower	Upper
84	100		
49	103.2	88.3	132.5
51	31.8	28.2	42.2
86	60.1	50.6	76.0

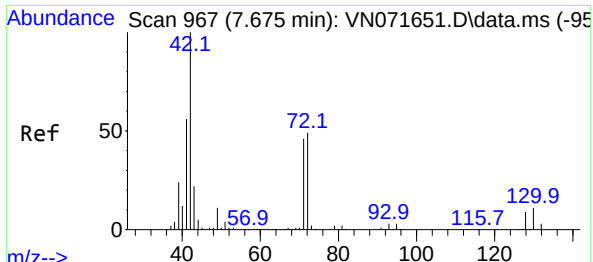


#25
2-Butanone
Concen: 1.702 ug/l
RT: 7.339 min Scan# 910
Delta R.T. 0.011 min
Lab File: VN071886.D
Acq: 06 Apr 2022 17:56

Tgt Ion: 43 Resp: 7382

Ion	Ratio	Lower	Upper
43	100		
72	32.1	23.7	35.5





#29

Tetrahydrofuran

Concen: 0.272 ug/l

RT: 7.704 min Scan# 91

Delta R.T. 0.029 min

Lab File: VN071886.D

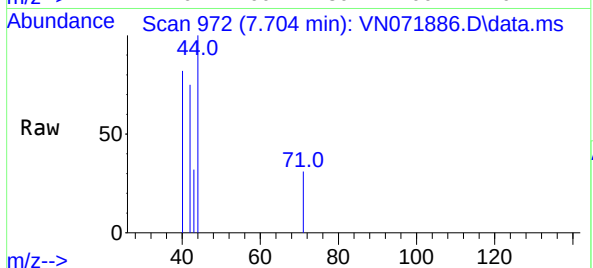
Acq: 06 Apr 2022 17:56

Instrument :

MSVOA_N

ClientSampleId :

PB143897ZHE#06



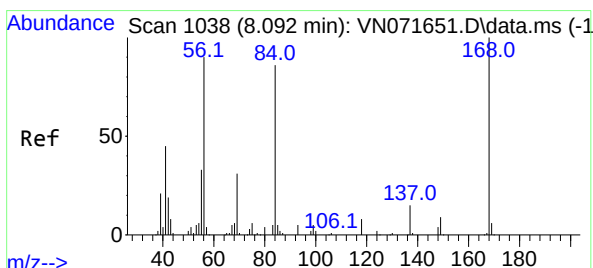
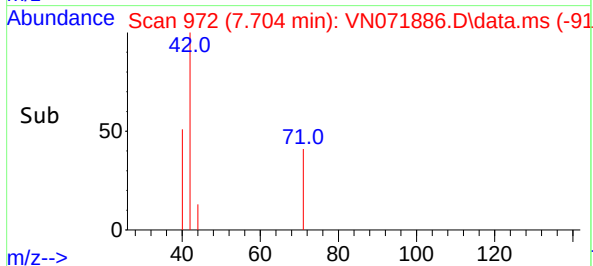
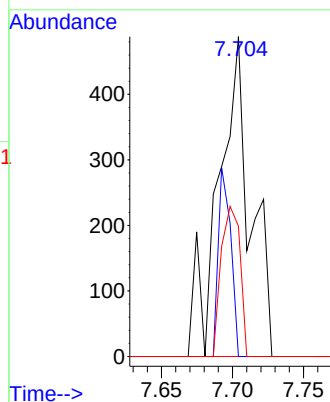
Tgt Ion: 42 Resp: 763

Ion Ratio Lower Upper

42 100

72 22.7 39.7 59.5#

71 27.5 36.6 55.0#



#31

Cyclohexane

Concen: 1.019 ug/l

RT: 8.075 min Scan# 1035

Delta R.T. -0.017 min

Lab File: VN071886.D

Acq: 06 Apr 2022 17:56

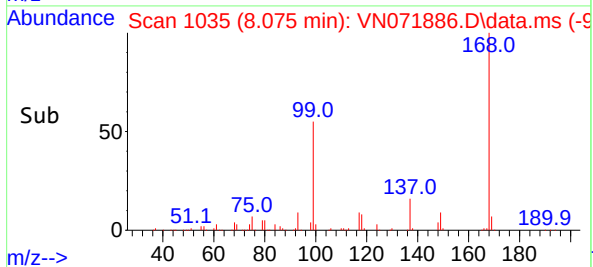
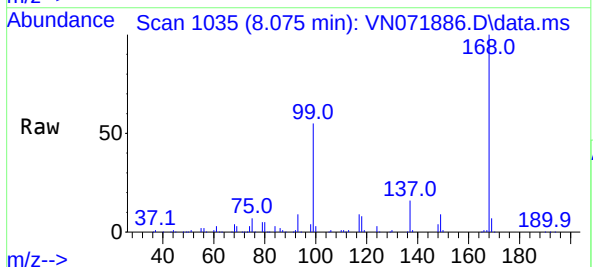
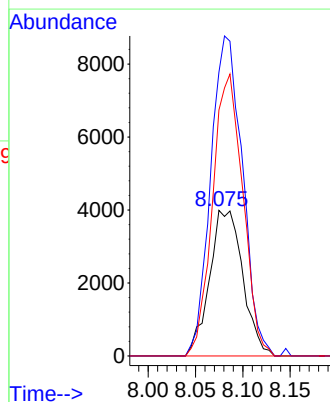
Tgt Ion: 56 Resp: 9752

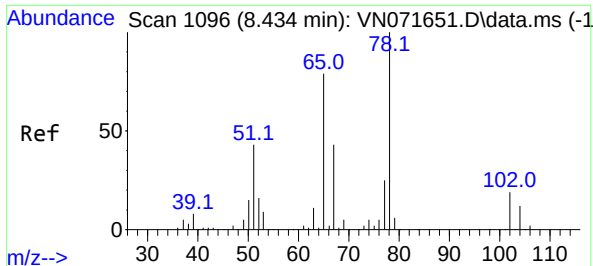
Ion Ratio Lower Upper

56 100

69 194.9 27.8 41.8#

84 169.0 76.9 115.3#

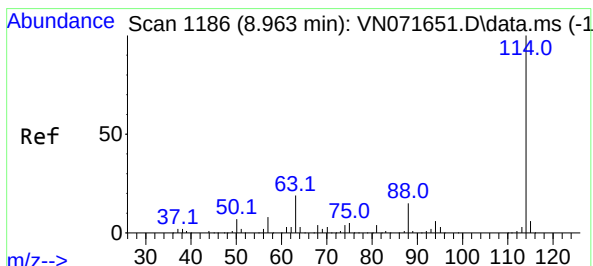
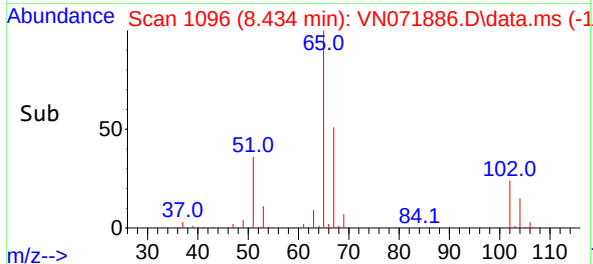
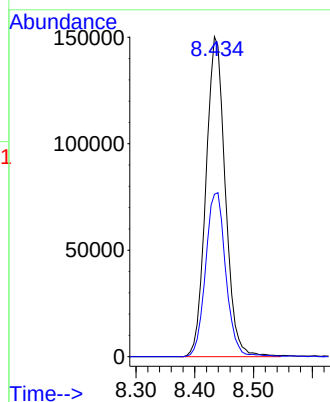
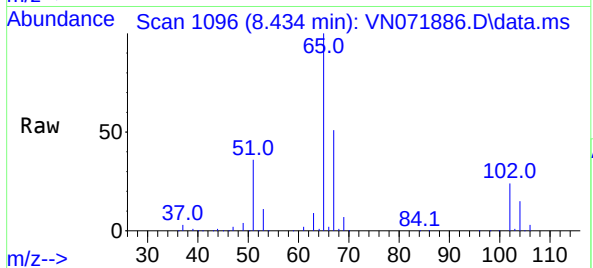




#33
1,2-Dichloroethane-d4
Concen: 48.883 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071886.D
Acq: 06 Apr 2022 17:56

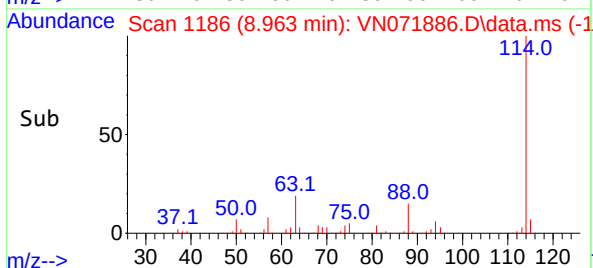
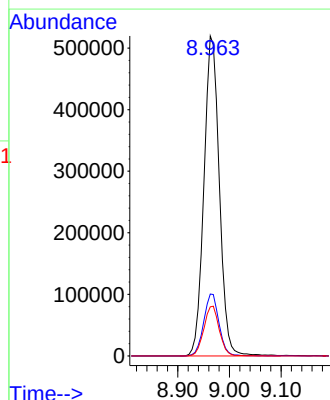
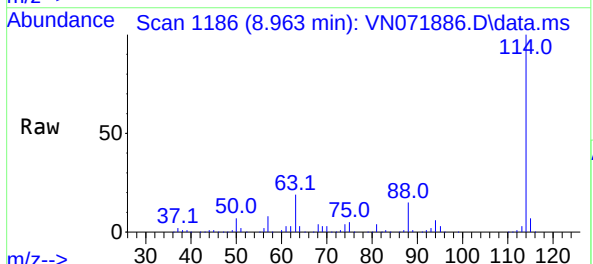
Instrument :
MSVOA_N
ClientSampleId :
PB143897ZHE#06

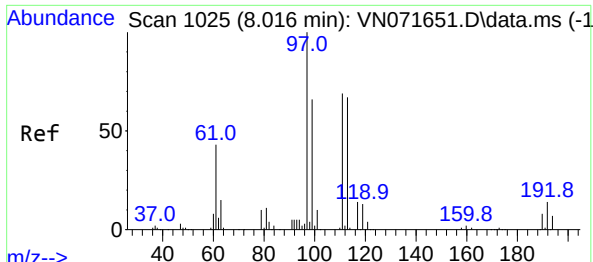
Tgt Ion: 65 Resp: 344131
Ion Ratio Lower Upper
65 100
67 53.3 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071886.D
Acq: 06 Apr 2022 17:56

Tgt Ion: 114 Resp: 1076755
Ion Ratio Lower Upper
114 100
63 19.4 0.0 40.0
88 15.4 0.0 32.6

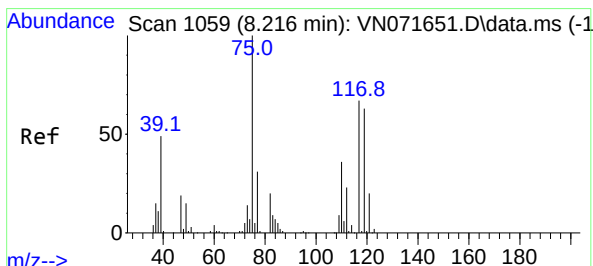
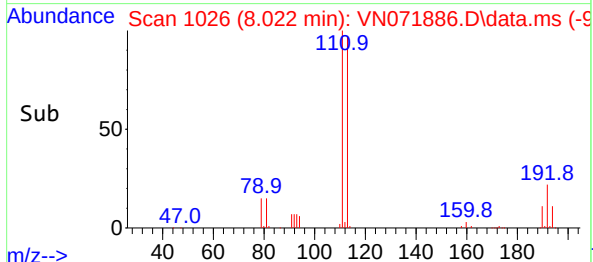
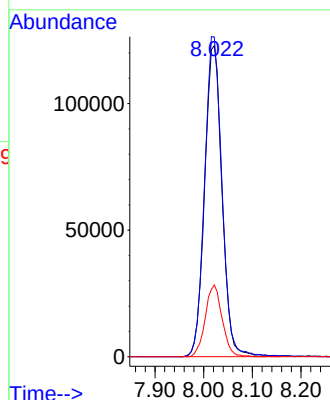
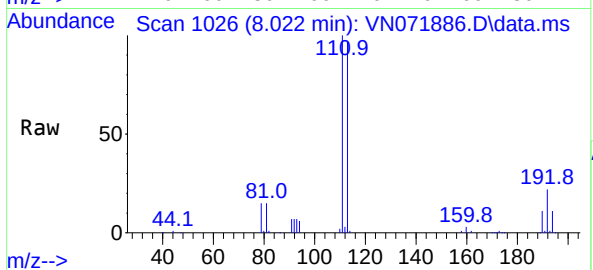




#35
Dibromofluoromethane
Concen: 48.109 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN071886.D
Acq: 06 Apr 2022 17:56

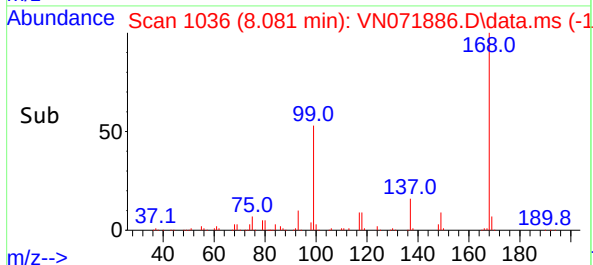
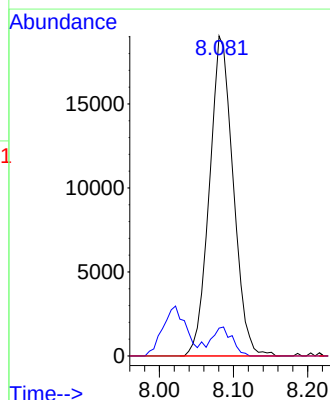
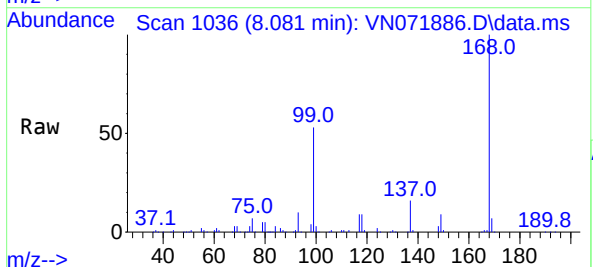
Instrument :
MSVOA_N
ClientSampleId :
PB143897ZHE#06

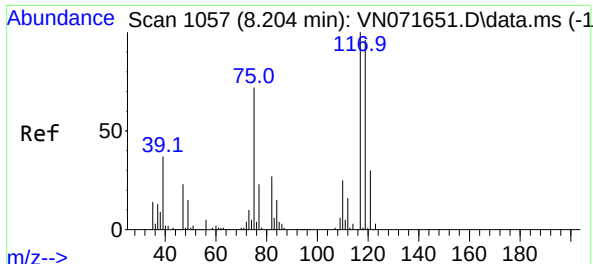
Tgt Ion:113 Resp: 304825
Ion Ratio Lower Upper
113 100
111 102.3 81.4 122.0
192 22.3 17.0 25.6



#36
1,1-Dichloropropene
Concen: 4.793 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.135 min
Lab File: VN071886.D
Acq: 06 Apr 2022 17:56

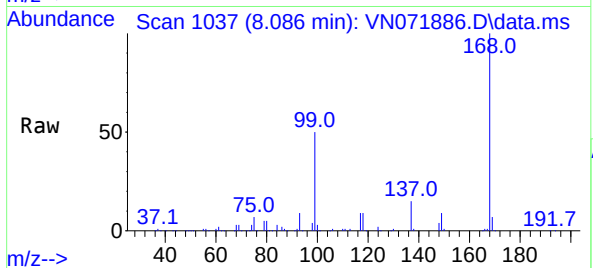
Tgt Ion: 75 Resp: 42406
Ion Ratio Lower Upper
75 100
110 8.5 18.3 54.8#
77 0.0 25.1 37.7#



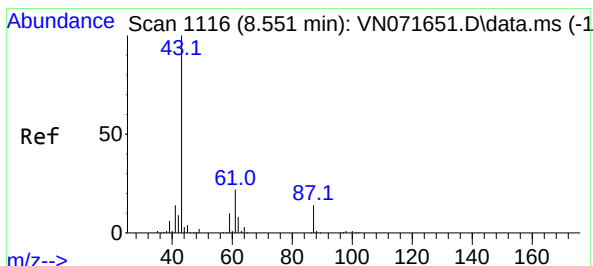
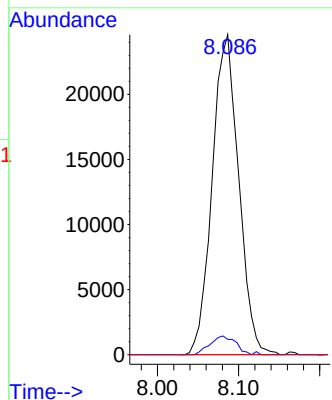
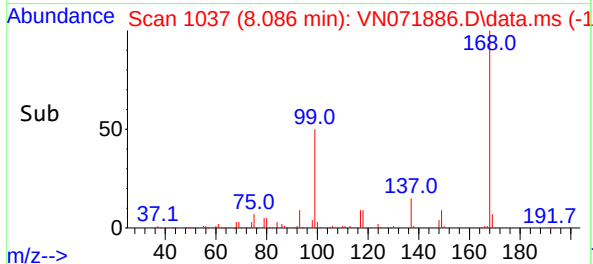


#38
Carbon Tetrachloride
Concen: 6.433 ug/l
RT: 8.086 min Scan# 1107
Delta R.T. -0.118 min
Lab File: VN071886.D
Acq: 06 Apr 2022 17:56

Instrument :
MSVOA_N
ClientSampleId :
PB143897ZHE#06

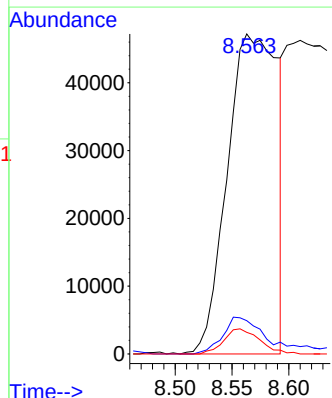
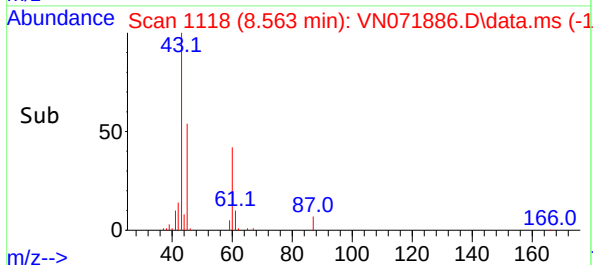
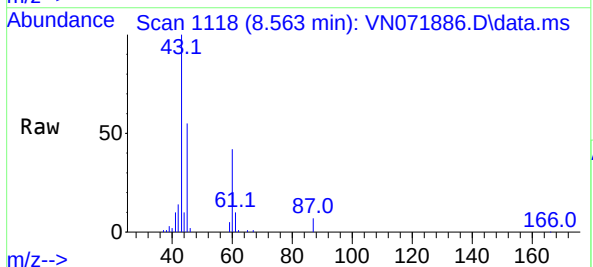


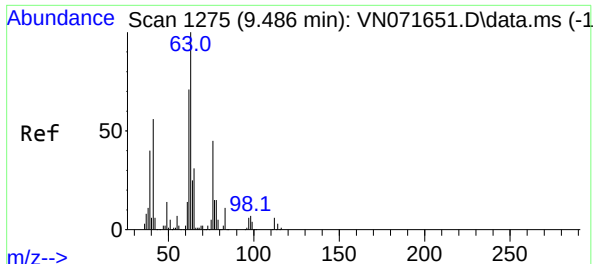
Tgt Ion:117 Resp: 55783
Ion Ratio Lower Upper
117 100
119 4.8 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 9.017 ug/l
RT: 8.563 min Scan# 1118
Delta R.T. 0.012 min
Lab File: VN071886.D
Acq: 06 Apr 2022 17:56

Tgt Ion: 43 Resp: 145256
Ion Ratio Lower Upper
43 100
61 10.4 21.9 32.9#
87 5.6 12.0 18.0#

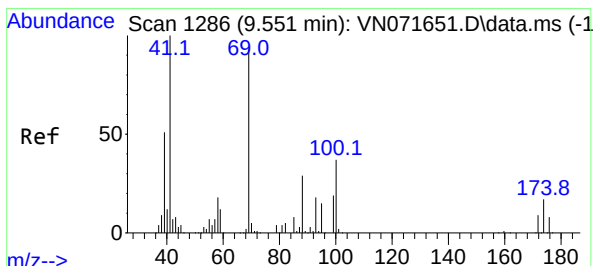
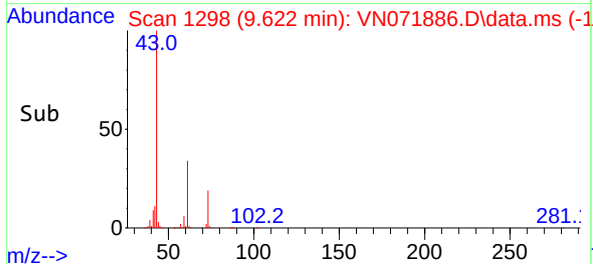
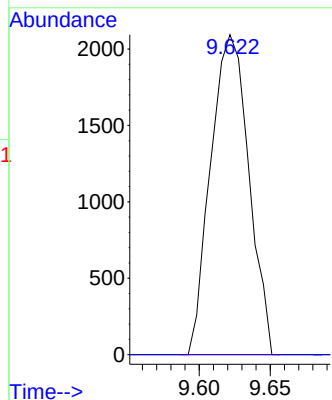
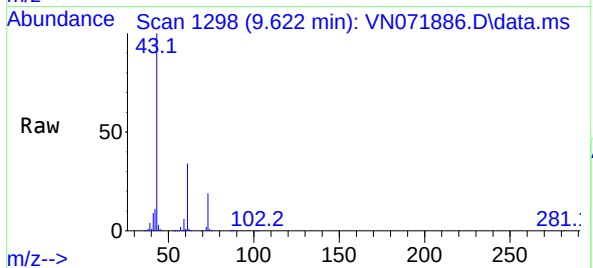




#45
1,2-Dichloropropane
Concen: 0.560 ug/l
RT: 9.622 min Scan# 1275
Delta R.T. 0.136 min
Lab File: VN071886.D
Acq: 06 Apr 2022 17:56

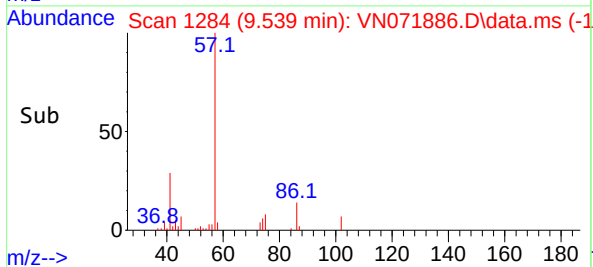
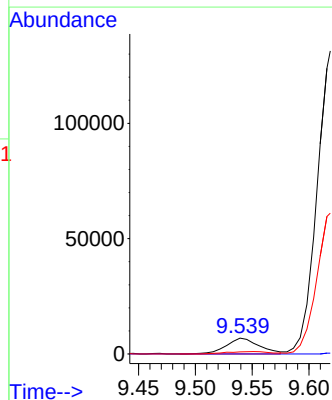
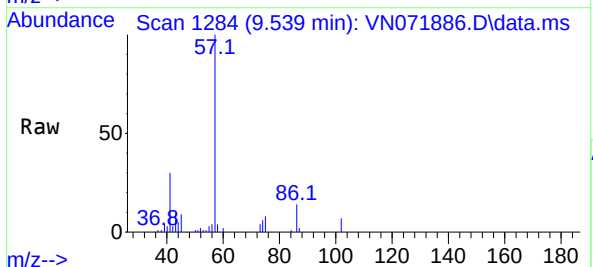
Instrument :
MSVOA_N
ClientSampleId :
PB143897ZHE#06

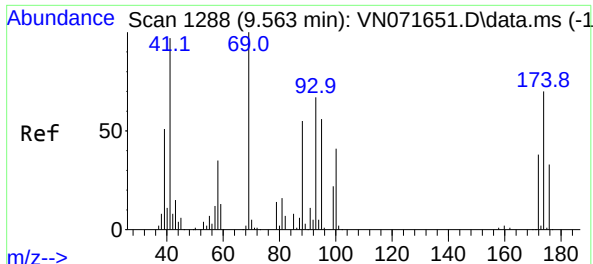
Tgt Ion: 63 Resp: 3913
Ion Ratio Lower Upper
63 100
65 0.0 24.9 37.3#



#48
Methyl methacrylate
Concen: 2.057 ug/l
RT: 9.539 min Scan# 1284
Delta R.T. -0.012 min
Lab File: VN071886.D
Acq: 06 Apr 2022 17:56

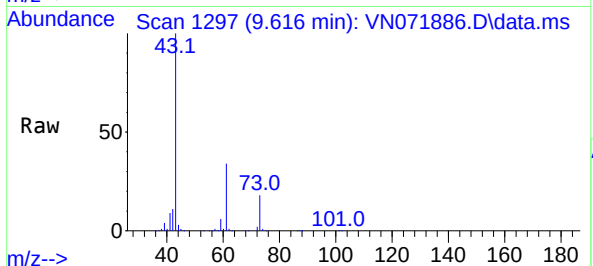
Tgt Ion: 41 Resp: 13750
Ion Ratio Lower Upper
41 100
69 0.0 74.7 112.1#
39 0.0 45.6 68.4#



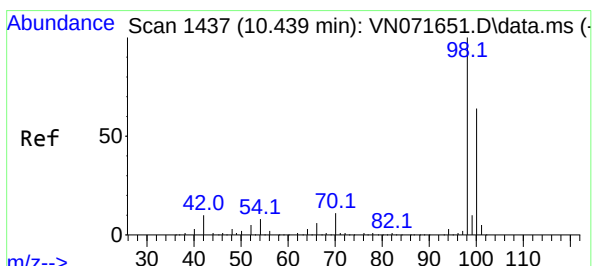
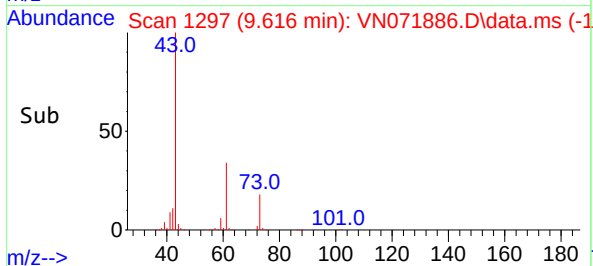
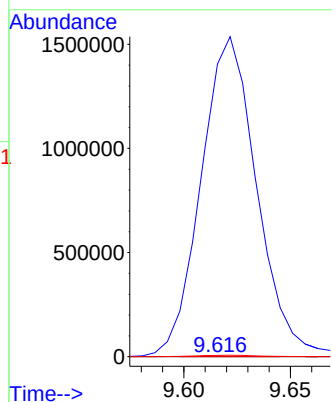


#49
1,4-Dioxane
Concen: Below Cal
RT: 9.616 min Scan# 1288
Delta R.T. 0.053 min
Lab File: VN071886.D
Acq: 06 Apr 2022 17:56

Instrument :
MSVOA_N
ClientSampleId :
PB143897ZHE#06

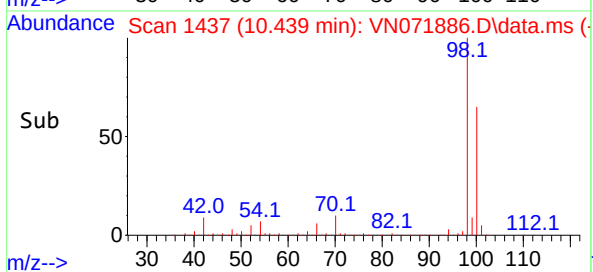
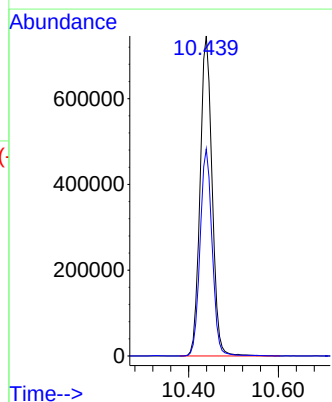
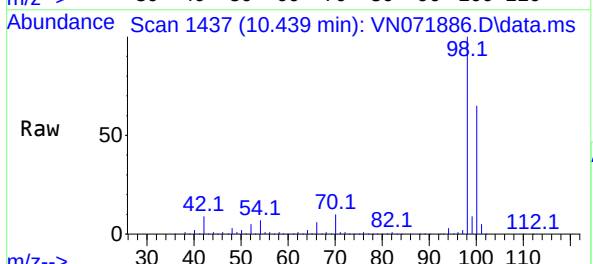


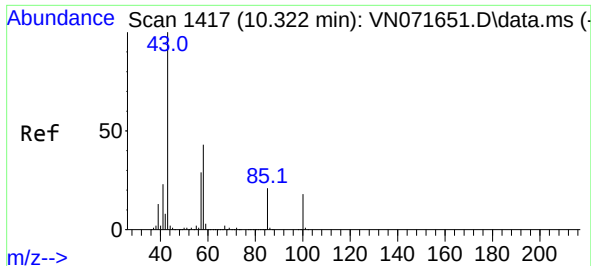
Tgt Ion: 88 Resp: 397
Ion Ratio Lower Upper
88 100
43 717097.2 20.2 30.4#
58 3642.3 54.2 81.4#



#50
Toluene-d8
Concen: 53.299 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071886.D
Acq: 06 Apr 2022 17:56

Tgt Ion: 98 Resp: 1381481
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8

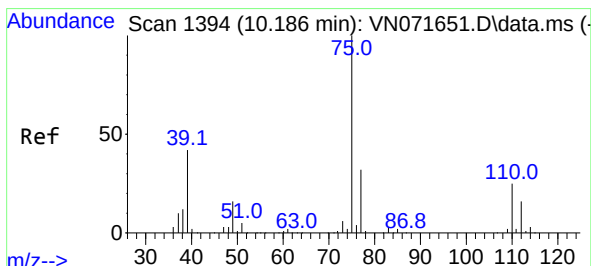
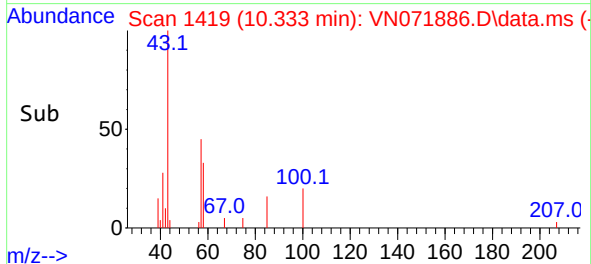
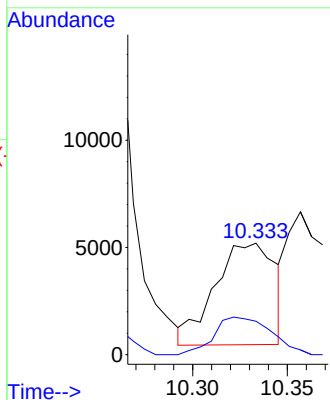
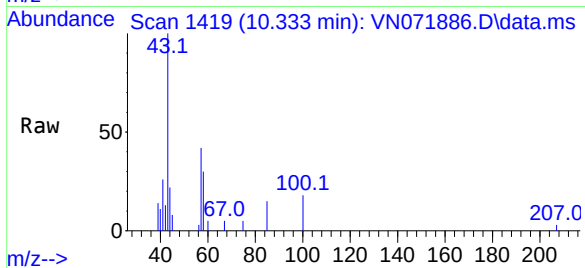




#51
4-Methyl-2-Pentanone
Concen: 1.130 ug/l
RT: 10.333 min Scan# 1417
Delta R.T. 0.011 min
Lab File: VN071886.D
Acq: 06 Apr 2022 17:56

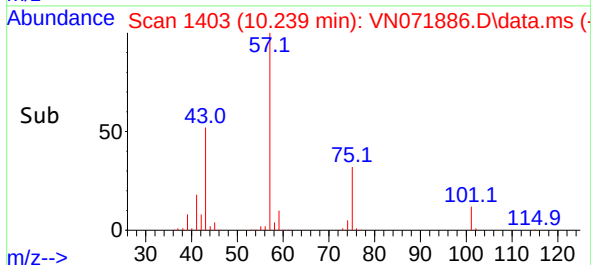
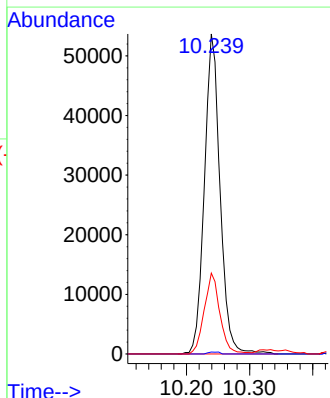
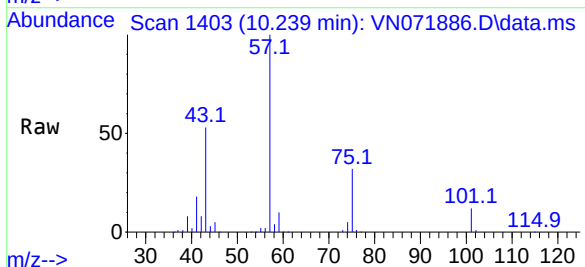
Instrument :
MSVOA_N
ClientSampleId :
PB143897ZHE#06

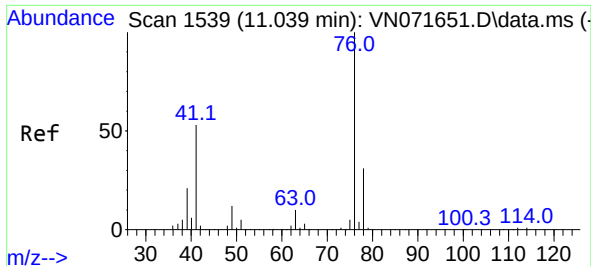
Tgt Ion: 43 Resp: 10462
Ion Ratio Lower Upper
43 100
58 35.2 34.1 51.1



#54
cis-1,3-Dichloropropene
Concen: 8.569 ug/l
RT: 10.239 min Scan# 1403
Delta R.T. 0.053 min
Lab File: VN071886.D
Acq: 06 Apr 2022 17:56

Tgt Ion: 75 Resp: 92601
Ion Ratio Lower Upper
75 100
77 0.6 25.2 37.8#
39 25.2 35.7 53.5#

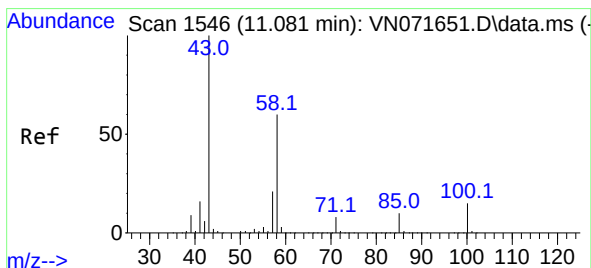
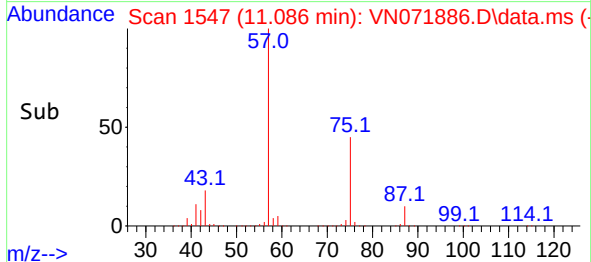
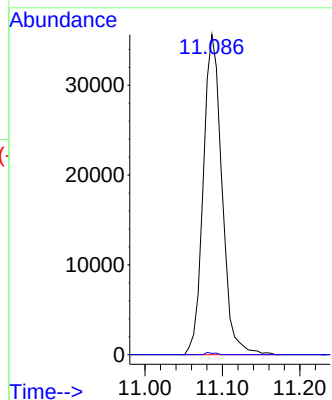
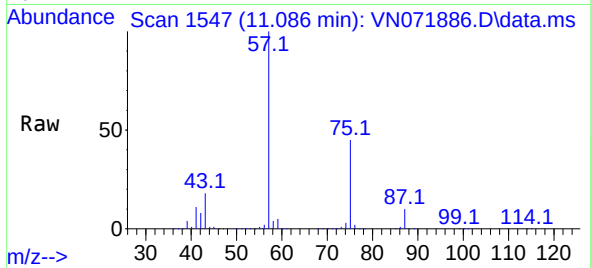




#57
1,3-Dichloropropane
Concen: 4.914 ug/l
RT: 11.086 min Scan# 1547
Delta R.T. 0.047 min
Lab File: VN071886.D
Acq: 06 Apr 2022 17:56

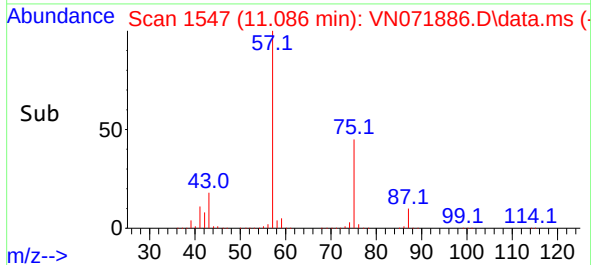
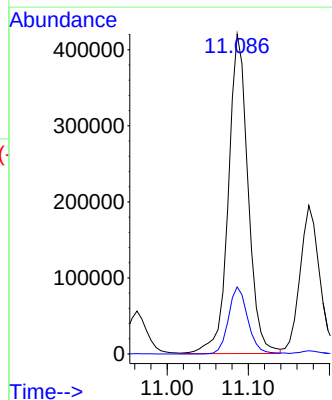
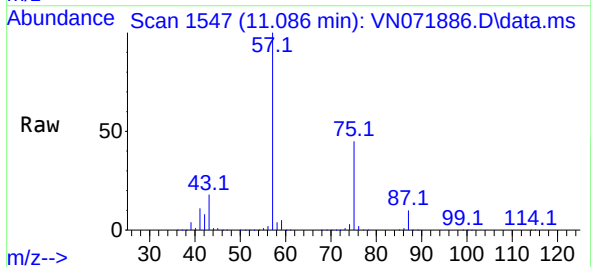
Instrument :
MSVOA_N
ClientSampleId :
PB143897ZHE#06

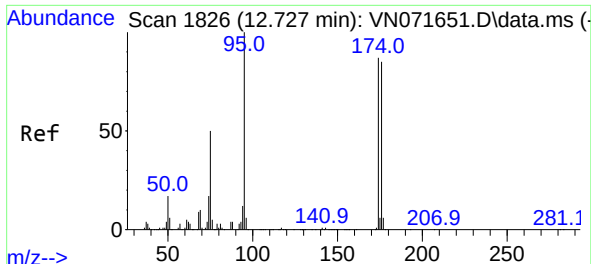
Tgt Ion: 76 Resp: 59741
Ion Ratio Lower Upper
76 100
78 0.3 26.2 39.2#



#59
2-Hexanone
Concen: 108.523 ug/l
RT: 11.086 min Scan# 1547
Delta R.T. 0.005 min
Lab File: VN071886.D
Acq: 06 Apr 2022 17:56

Tgt Ion: 43 Resp: 707626
Ion Ratio Lower Upper
43 100
58 20.6 29.7 89.1#

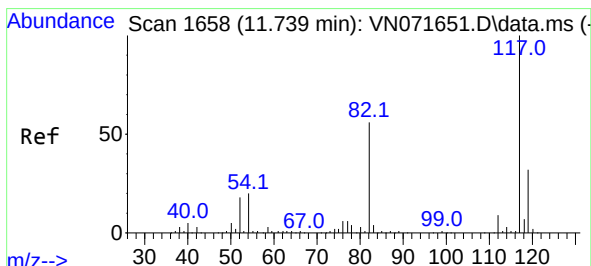
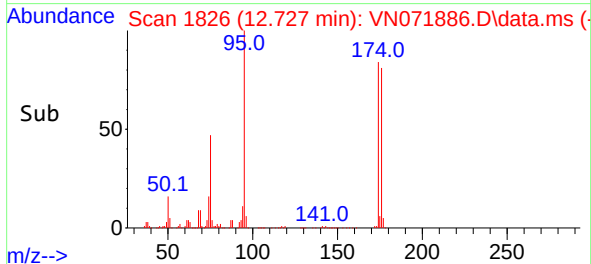
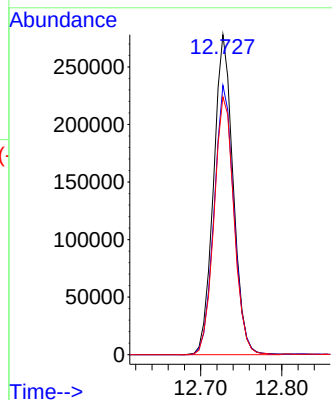
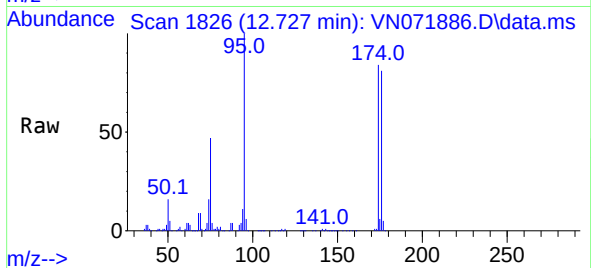




#62
4-Bromofluorobenzene
Concen: 55.608 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071886.D
Acq: 06 Apr 2022 17:56

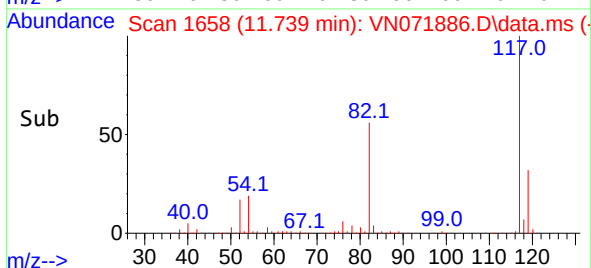
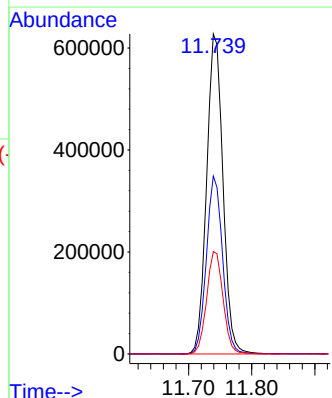
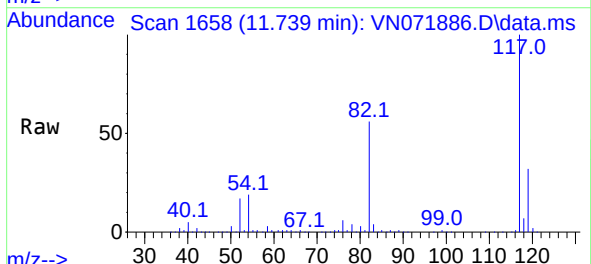
Instrument :
MSVOA_N
ClientSampleId :
PB143897ZHE#06

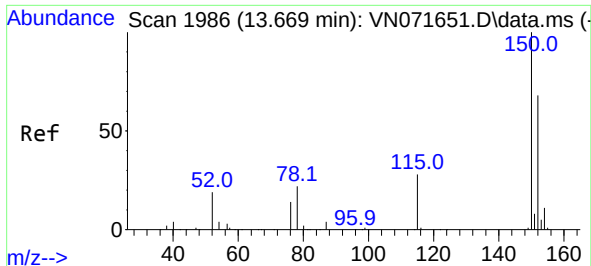
Tgt Ion: 95 Resp: 466145
Ion Ratio Lower Upper
95 100
174 84.9 0.0 167.6
176 82.1 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071886.D
Acq: 06 Apr 2022 17:56

Tgt Ion: 117 Resp: 1126228
Ion Ratio Lower Upper
117 100
82 55.6 44.2 66.2
119 32.0 25.4 38.0

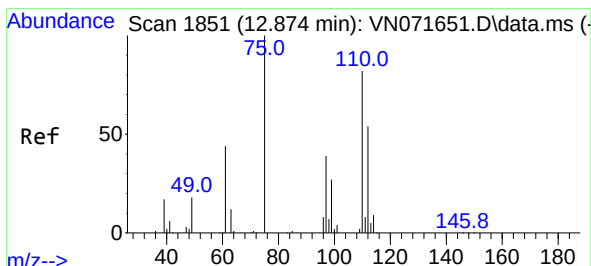
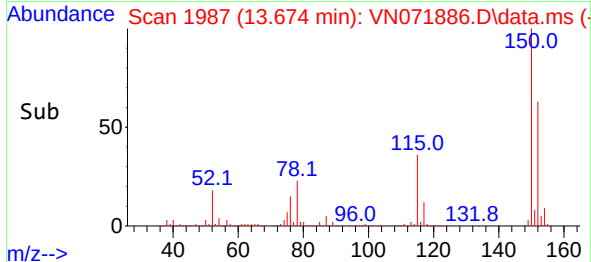
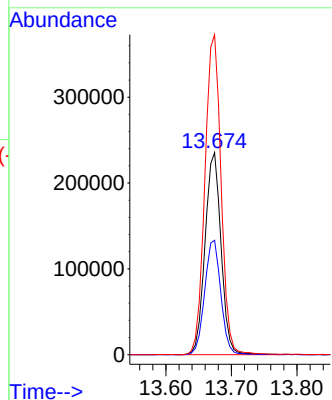
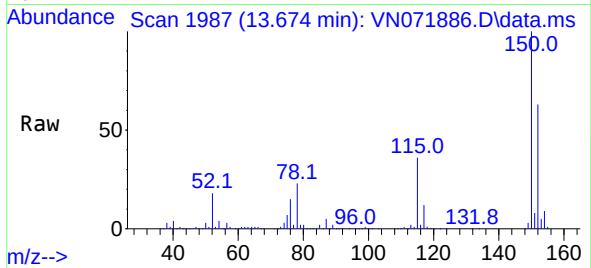




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.005 min
Lab File: VN071886.D
Acq: 06 Apr 2022 17:56

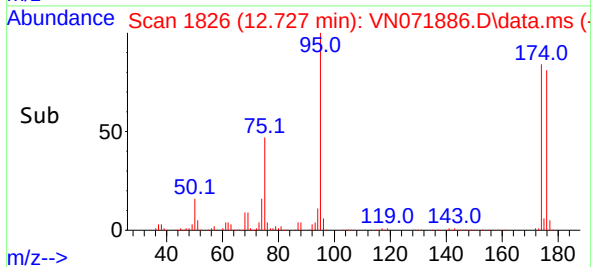
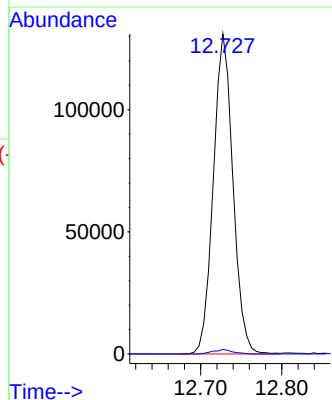
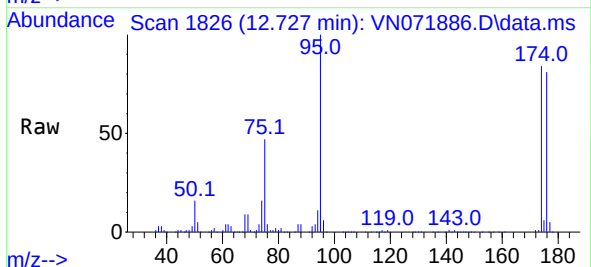
Instrument :
MSVOA_N
ClientSampleId :
PB143897ZHE#06

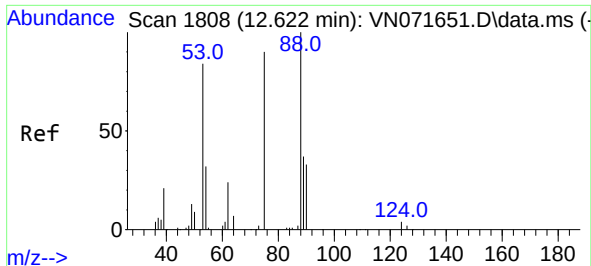
Tgt Ion:152 Resp: 400944
Ion Ratio Lower Upper
152 100
115 57.1 28.9 86.7
150 159.9 0.0 356.2



#76
1,2,3-Trichloropropane
Concen: 23.684 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071886.D
Acq: 06 Apr 2022 17:56

Tgt Ion: 75 Resp: 219979
Ion Ratio Lower Upper
75 100
77 1.4 98.5 295.5#

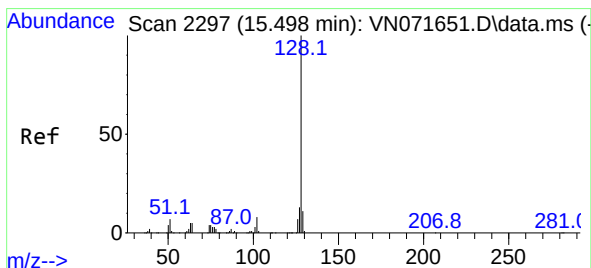
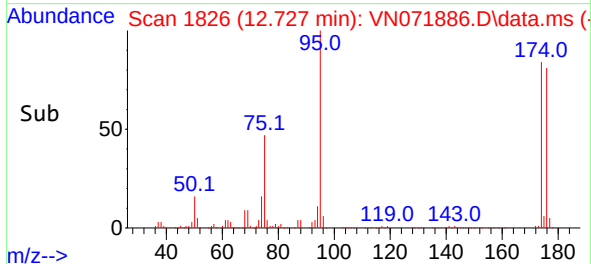
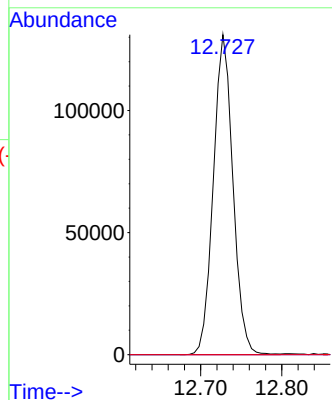
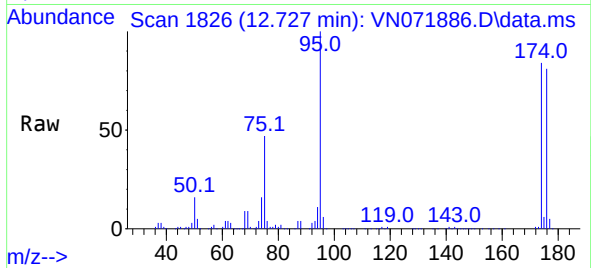




#81
trans-1,4-Dichloro-2-butene
Concen: 73.395 ug/l
RT: 12.727 min Scan# 1808
Delta R.T. 0.105 min
Lab File: VN071886.D
Acq: 06 Apr 2022 17:56

Instrument :
MSVOA_N
ClientSampleId :
PB143897ZHE#06

Tgt Ion: 75 Resp: 219979
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#95
Naphthalene
Concen: 3.832 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN071886.D
Acq: 06 Apr 2022 17:56

Tgt Ion: 128 Resp: 584
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#

