

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081922\
 Data File : VN074035.D
 Acq On : 19 Aug 2022 18:41
 Operator : JC\MD
 Sample : PB147119ZHE#06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB147119ZHE#06

Quant Time: Aug 20 03:07:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

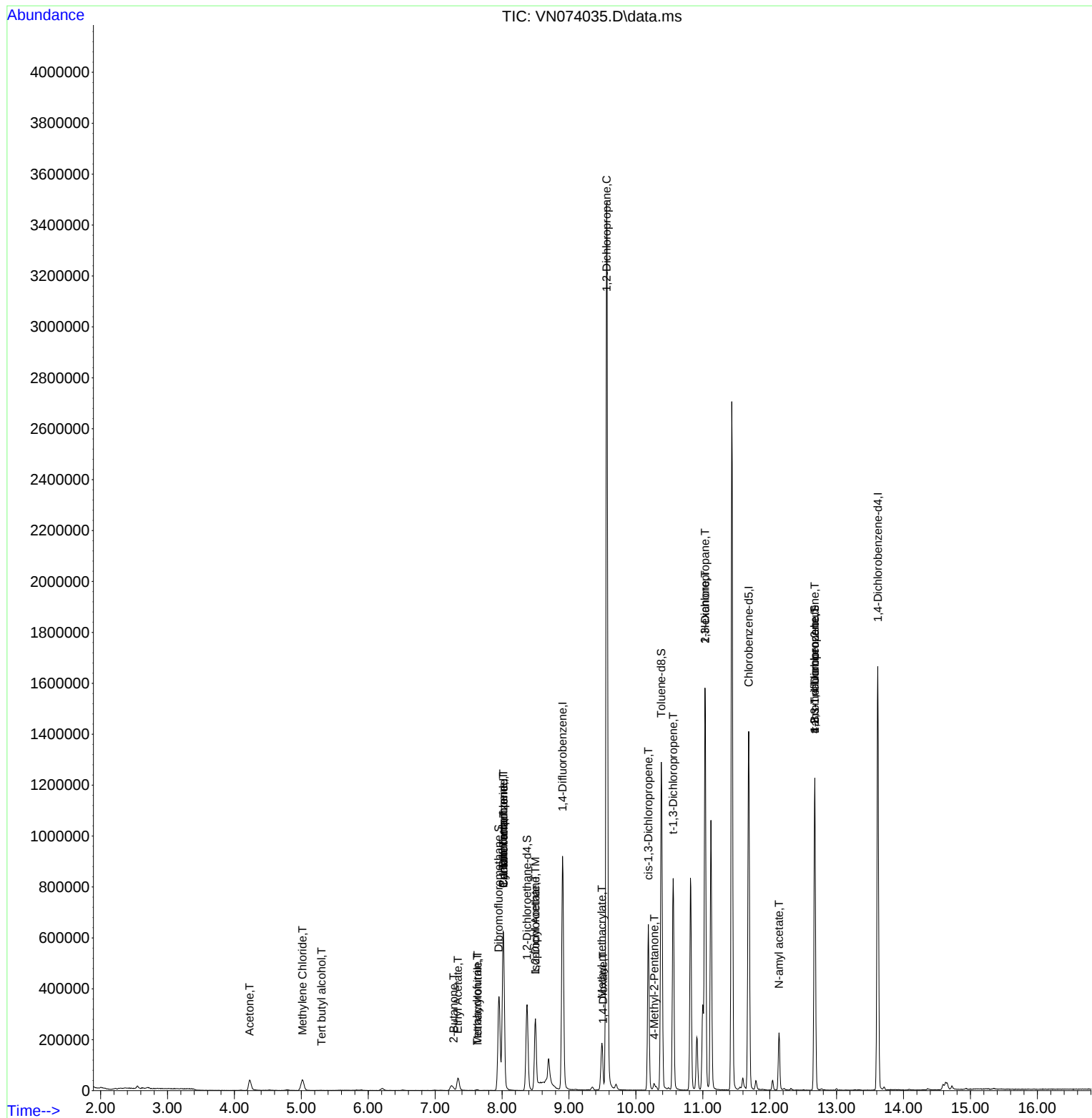
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.022	168	529998	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	857183	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	864428	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	485699	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	284432	55.099	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.200%			
35) Dibromofluoromethane	7.951	113	273576	53.967	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.940%			
50) Toluene-d8	10.380	98	923900	47.059	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 94.120%			
62) 4-Bromofluorobenzene	12.674	95	407373	62.521	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 125.040%#			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.304	59	1509	1.307	ug/l #	83
16) Acetone	4.228	43	75958	31.189	ug/l	98
18) Methyl Acetate	4.775	43	3449	Below Cal	#	48
20) Methylene Chloride	5.016	84	36689	7.139	ug/l	98
25) 2-Butanone	7.275	43	12793	3.313	ug/l	98
29) Tetrahydrofuran	7.628	42	2172	0.877	ug/l #	90
31) Cyclohexane	8.022	56	8795	1.222	ug/l #	18
36) 1,1-Dichloropropene	8.016	75	36128	5.131	ug/l #	49
37) Ethyl Acetate	7.339	43	75008	8.793	ug/l	97
38) Carbon Tetrachloride	8.022	117	47854	5.946	ug/l #	16
41) Methacrylonitrile	7.633	41	1664	0.432	ug/l #	31
42) 1,2-Dichloroethane	8.498	62	2366	0.310	ug/l #	74
43) Isopropyl Acetate	8.498	43	326772	26.890	ug/l #	91
45) 1,2-Dichloropropane	9.563	63	4977	0.934	ug/l #	44
48) Methyl methacrylate	9.492	41	10857	2.088	ug/l #	39
49) 1,4-Dioxane	9.510	88	58	0.375	ug/l #	1
51) 4-Methyl-2-Pentanone	10.274	43	14541	1.770	ug/l	89
53) t-1,3-Dichloropropene	10.557	75	2256	0.278	ug/l #	83
54) cis-1,3-Dichloropropene	10.186	75	123507	13.898	ug/l #	59
57) 1,3-Dichloropropane	11.033	76	17525	1.818	ug/l #	42
59) 2-Hexanone	11.033	43	210964	33.364	ug/l #	49
74) N-amyl acetate	12.139	43	64712	4.840	ug/l #	50
76) 1,2,3-Trichloropropane	12.674	75	198195	19.633	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	198195	55.839	ug/l #	11

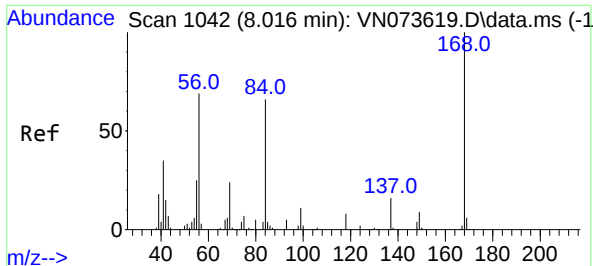
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081922\
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ALS Vial : 19 Sample Multiplier: 1

Instrument :
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Quant Title : SW846 8260
QLast Update : Tue Aug 16 00:45:21 2022
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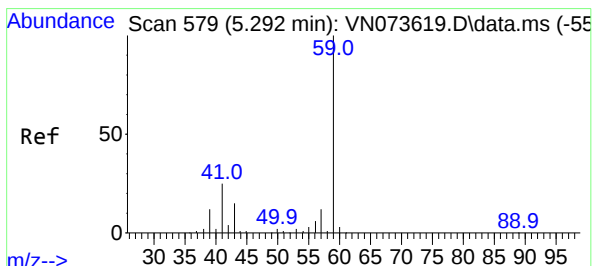
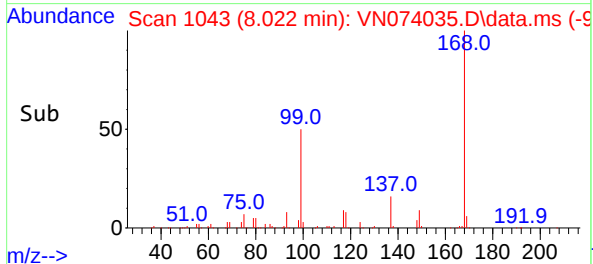
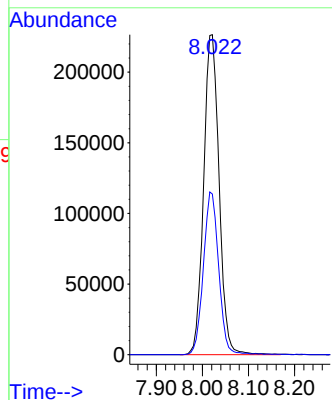
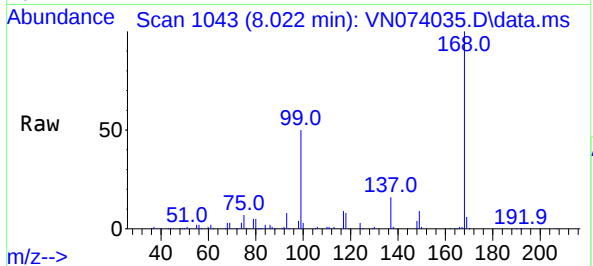




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. 0.006 min
Lab File: VN074035.D
Acq: 19 Aug 2022 18:41

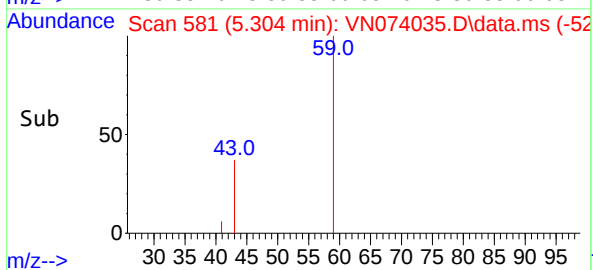
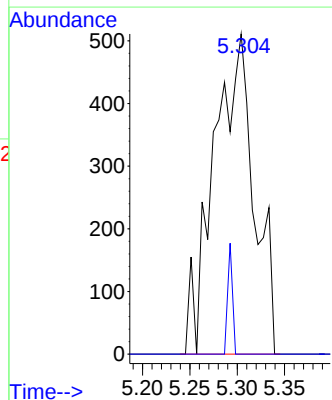
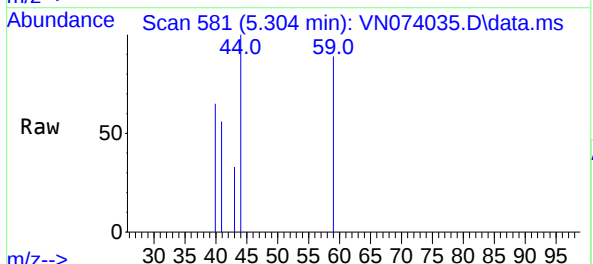
Instrument :
MSVOA_N
ClientSampleId :
PB147119ZHE#06

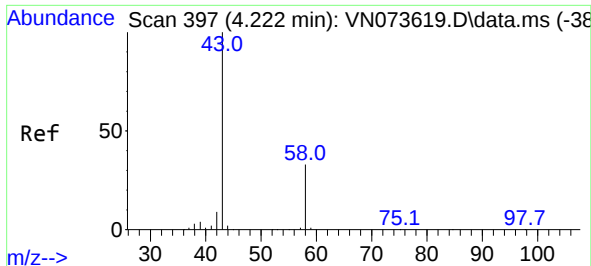
Tgt Ion:168 Resp: 529998
Ion Ratio Lower Upper
168 100
99 50.2 42.3 63.5



#11
Tert butyl alcohol
Concen: 1.307 ug/l
RT: 5.304 min Scan# 581
Delta R.T. 0.012 min
Lab File: VN074035.D
Acq: 19 Aug 2022 18:41

Tgt Ion: 59 Resp: 1509
Ion Ratio Lower Upper
59 100
57 4.1 8.3 12.5#

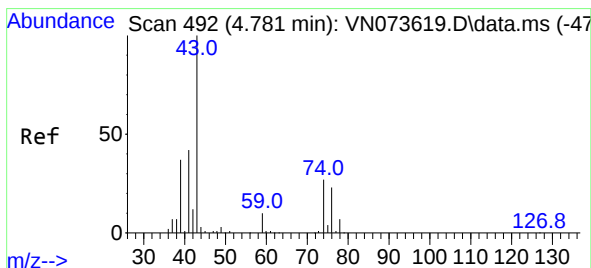
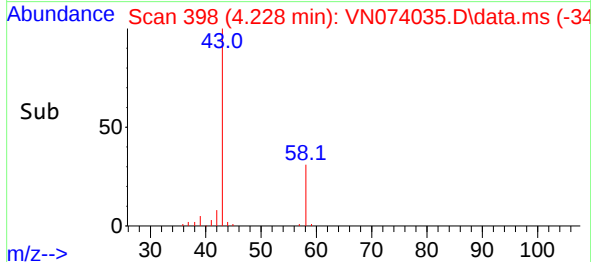
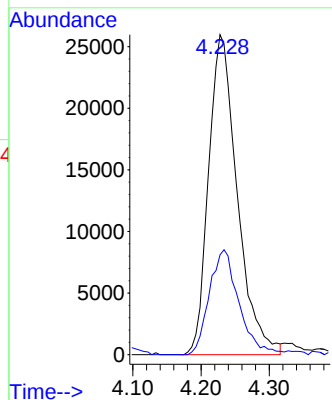
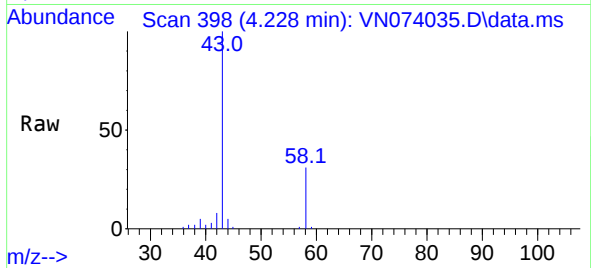




#16
Acetone
Concen: 31.189 ug/l
RT: 4.228 min Scan# 397
Delta R.T. 0.006 min
Lab File: VN074035.D
Acq: 19 Aug 2022 18:41

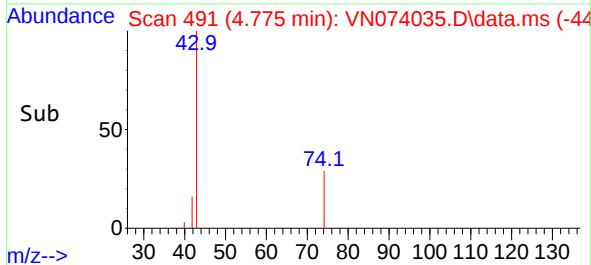
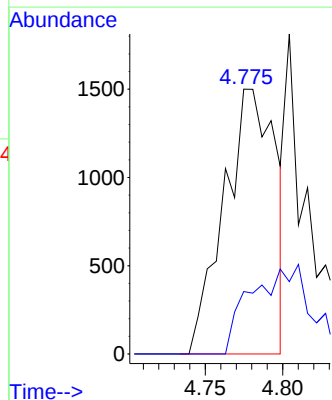
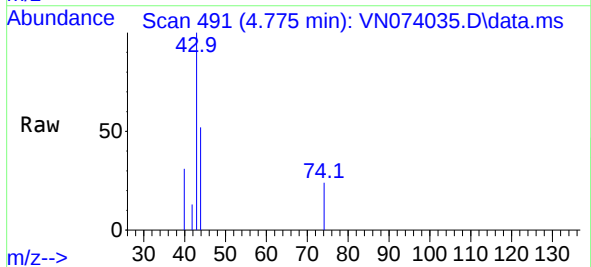
Instrument :
MSVOA_N
ClientSampleId :
PB147119ZHE#06

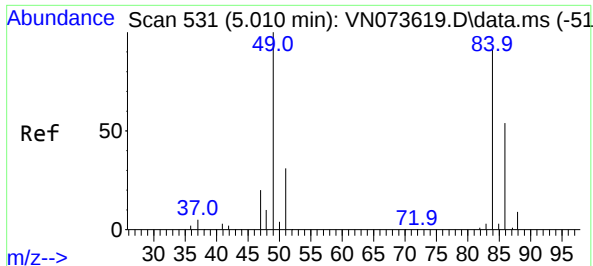
Tgt Ion: 43 Resp: 75958
Ion Ratio Lower Upper
43 100
58 31.2 26.0 39.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.775 min Scan# 491
Delta R.T. -0.006 min
Lab File: VN074035.D
Acq: 19 Aug 2022 18:41

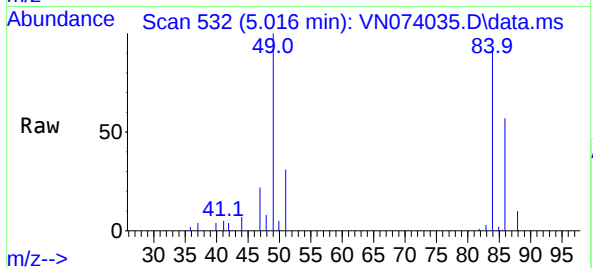
Tgt Ion: 43 Resp: 3449
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#





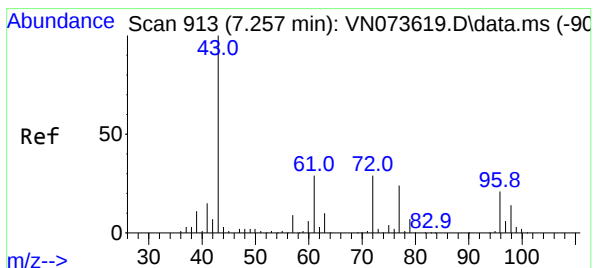
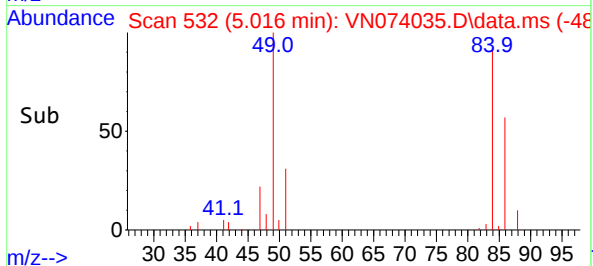
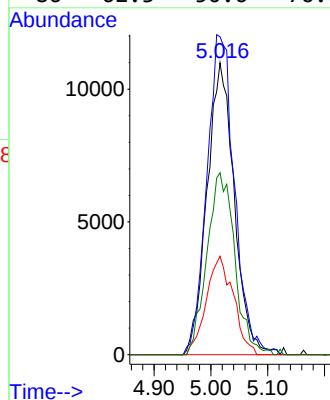
#20
Methylene Chloride
Concen: 7.139 ug/l
RT: 5.016 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN074035.D
Acq: 19 Aug 2022 18:41

Instrument :
MSVOA_N
ClientSampleId :
PB147119ZHE#06



Tgt Ion: 84 Resp: 36689

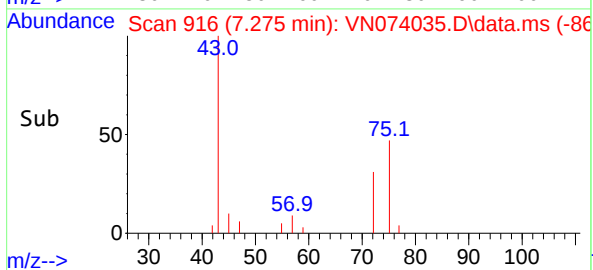
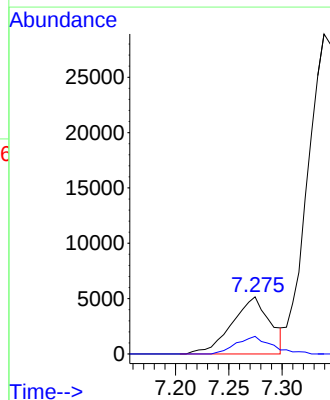
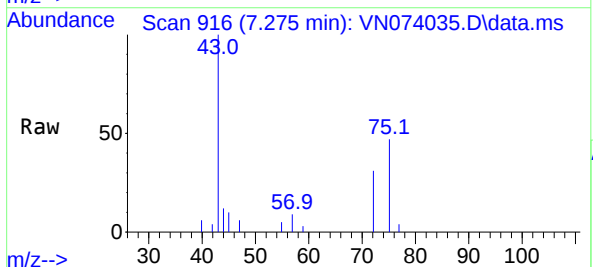
Ion	Ratio	Lower	Upper
84	100		
49	108.9	88.3	132.5
51	33.7	28.2	42.2
86	62.3	50.6	76.0

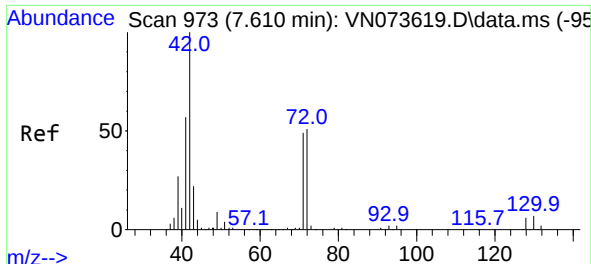


#25
2-Butanone
Concen: 3.313 ug/l
RT: 7.275 min Scan# 916
Delta R.T. 0.018 min
Lab File: VN074035.D
Acq: 19 Aug 2022 18:41

Tgt Ion: 43 Resp: 12793

Ion	Ratio	Lower	Upper
43	100		
72	30.9	23.7	35.5





#29

Tetrahydrofuran

Concen: 0.877 ug/l

RT: 7.628 min Scan# 91

Delta R.T. 0.018 min

Lab File: VN074035.D

Acq: 19 Aug 2022 18:41

Instrument :

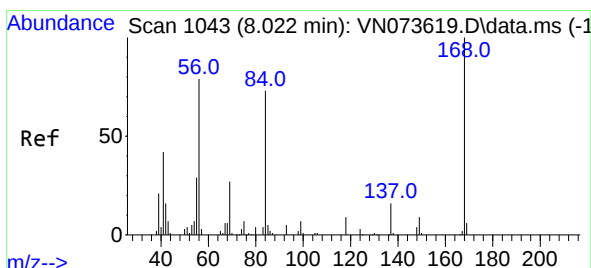
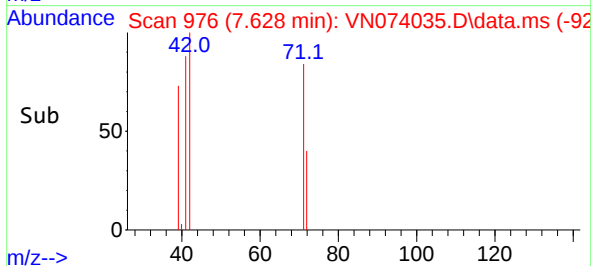
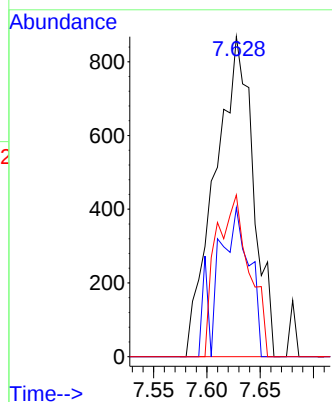
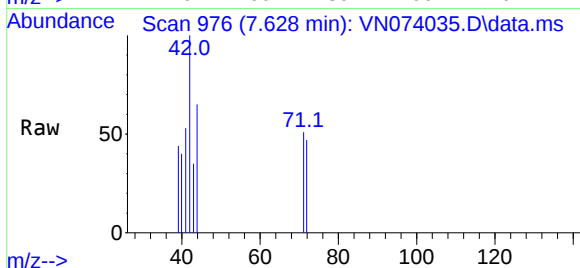
MSVOA_N

ClientSampleId :

PB147119ZHE#06

Tgt Ion: 42 Resp: 2172

Ion	Ratio	Lower	Upper
42	100		
72	38.6	39.7	59.5#
71	43.6	36.6	55.0



#31

Cyclohexane

Concen: 1.222 ug/l

RT: 8.022 min Scan# 1043

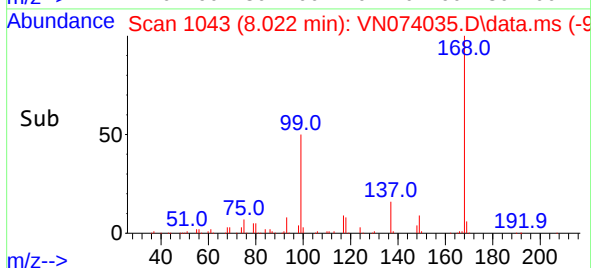
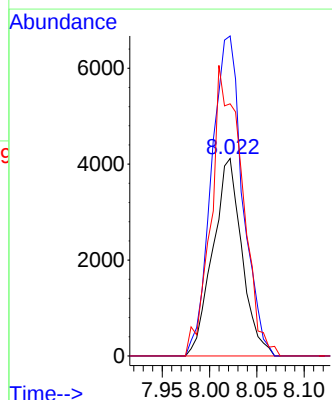
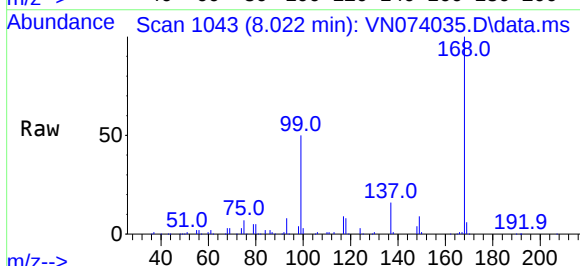
Delta R.T. -0.000 min

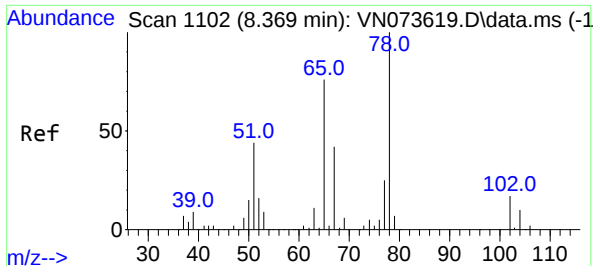
Lab File: VN074035.D

Acq: 19 Aug 2022 18:41

Tgt Ion: 56 Resp: 8795

Ion	Ratio	Lower	Upper
56	100		
69	162.1	27.8	41.8#
84	127.8	76.9	115.3#

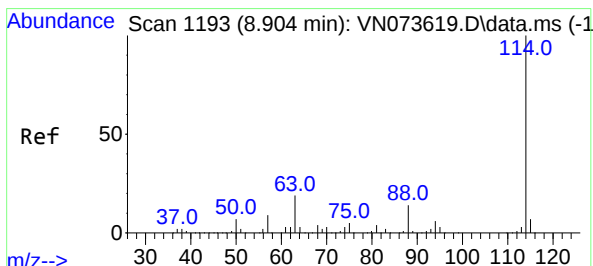
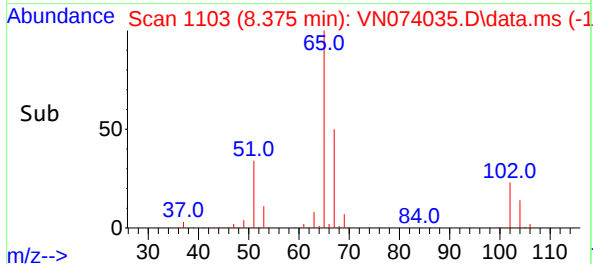
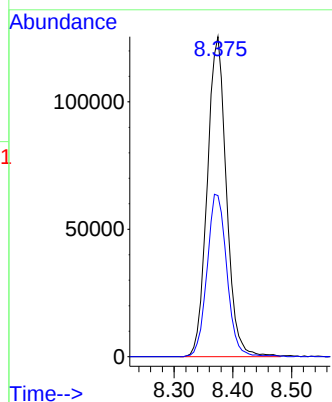
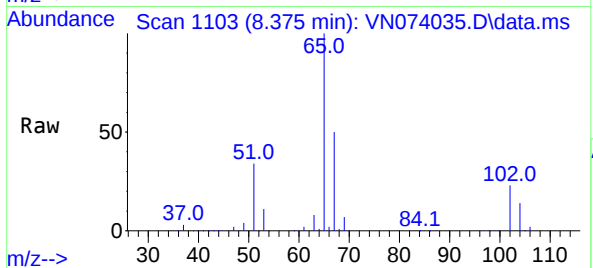




#33
1,2-Dichloroethane-d4
Concen: 55.099 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN074035.D
Acq: 19 Aug 2022 18:41

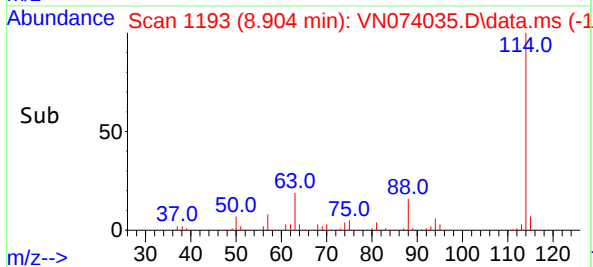
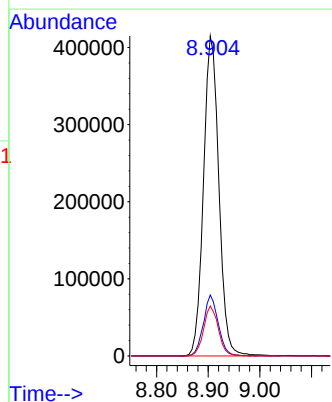
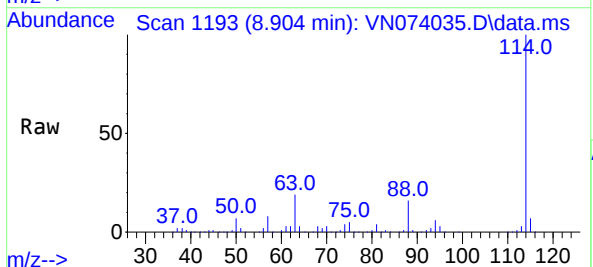
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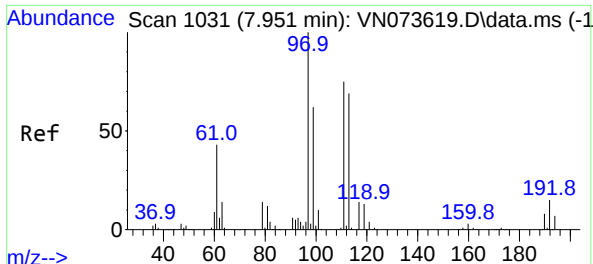
Tgt Ion: 65 Resp: 284432
Ion Ratio Lower Upper
65 100
67 52.4 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. -0.000 min
Lab File: VN074035.D
Acq: 19 Aug 2022 18:41

Tgt Ion: 114 Resp: 857183
Ion Ratio Lower Upper
114 100
63 19.1 0.0 40.0
88 15.7 0.0 32.6

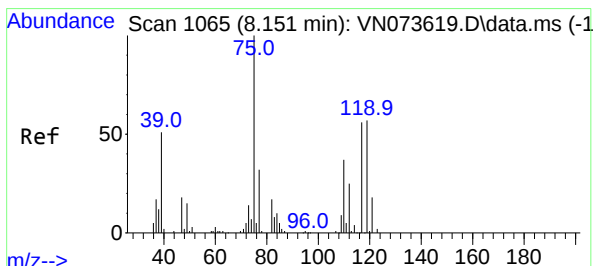
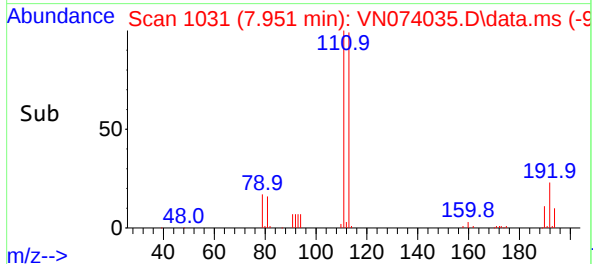
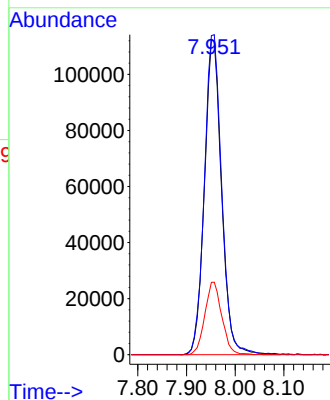
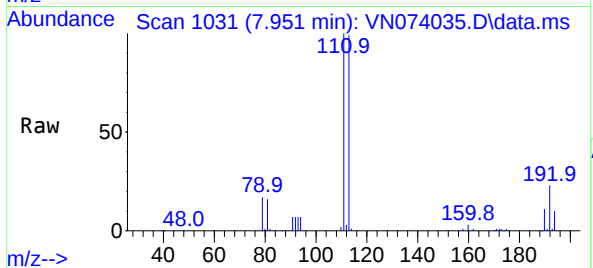




#35
Dibromofluoromethane
Concen: 53.967 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN074035.D
Acq: 19 Aug 2022 18:41

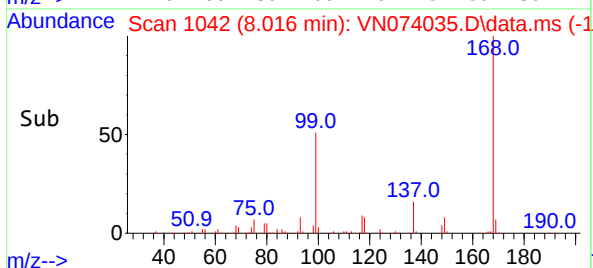
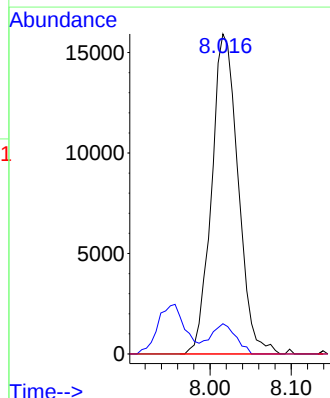
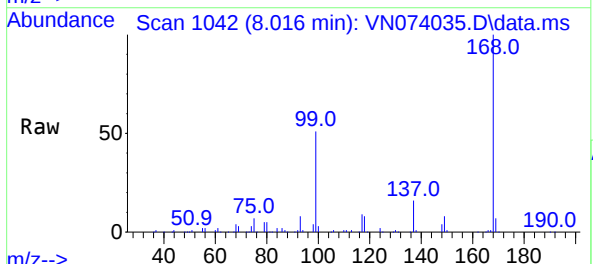
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PB147119ZHE#06

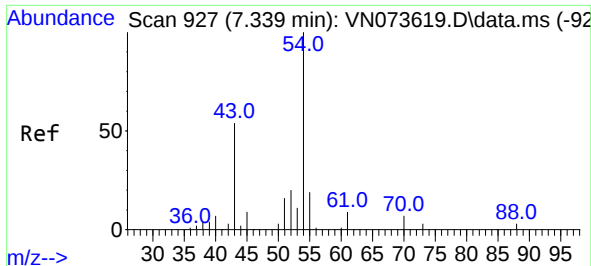
Tgt Ion:113 Resp: 273576
Ion Ratio Lower Upper
113 100
111 102.8 81.4 122.0
192 22.9 17.0 25.6



#36
1,1-Dichloropropene
Concen: 5.131 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.135 min
Lab File: VN074035.D
Acq: 19 Aug 2022 18:41

Tgt Ion: 75 Resp: 36128
Ion Ratio Lower Upper
75 100
110 9.0 18.3 54.8#
77 0.0 25.1 37.7#

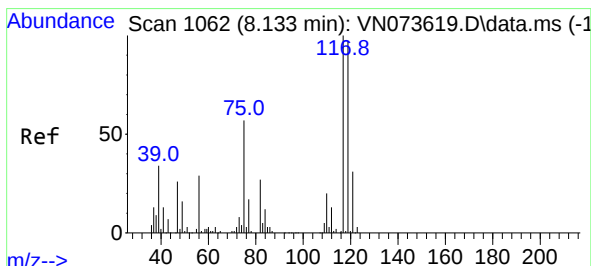
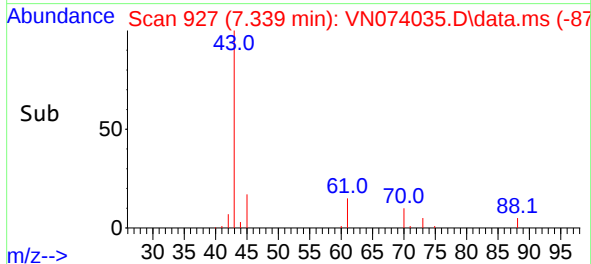
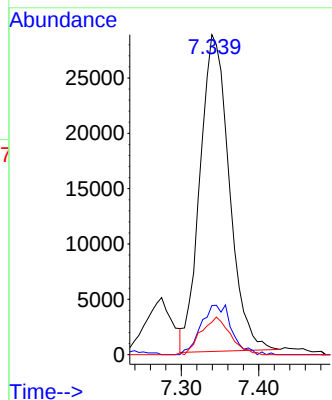
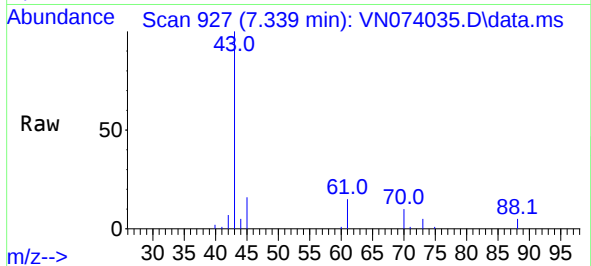




#37
Ethyl Acetate
Concen: 8.793 ug/l
RT: 7.339 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN074035.D
Acq: 19 Aug 2022 18:41

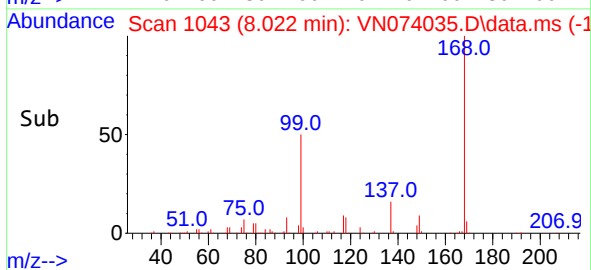
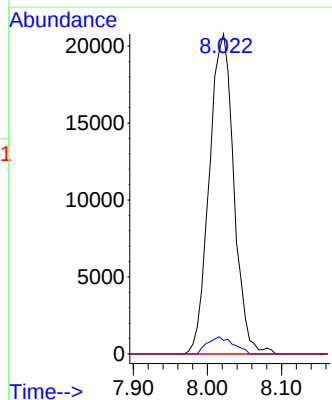
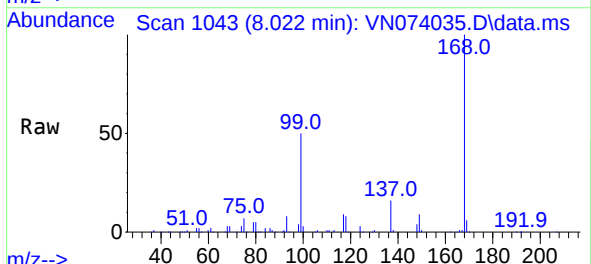
Instrument :
MSVOA_N
ClientSampleId :
PB147119ZHE#06

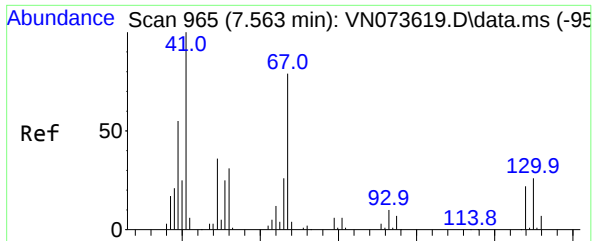
Tgt Ion:	43	Resp:	75008
Ion	Ratio	Lower	Upper
43	100		
61	16.5	11.8	17.6
70	11.9	9.3	13.9



#38
Carbon Tetrachloride
Concen: 5.946 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.111 min
Lab File: VN074035.D
Acq: 19 Aug 2022 18:41

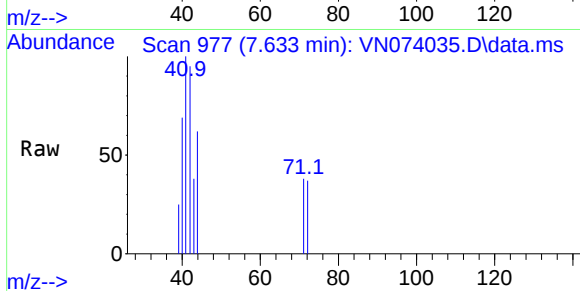
Tgt Ion:	117	Resp:	47854
Ion	Ratio	Lower	Upper
117	100		
119	4.2	75.8	113.8#
121	0.0	24.6	37.0#





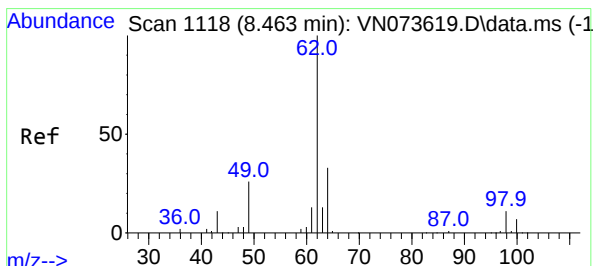
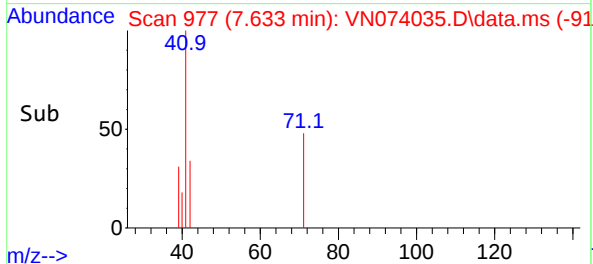
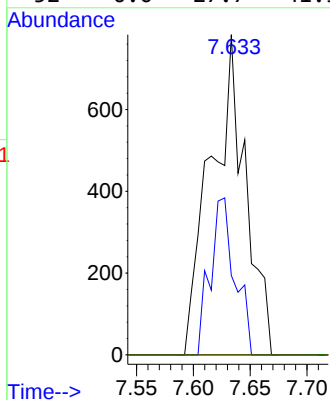
#41
Methacrylonitrile
Concen: 0.432 ug/l
RT: 7.633 min Scan# 91
Delta R.T. 0.070 min
Lab File: VN074035.D
Acq: 19 Aug 2022 18:41

Instrument :
MSVOA_N
ClientSampleId :
PB147119ZHE#06



Tgt Ion: 41 Resp: 1664

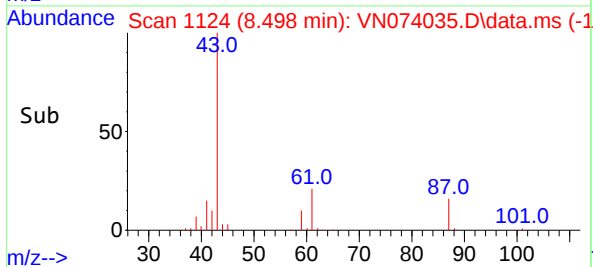
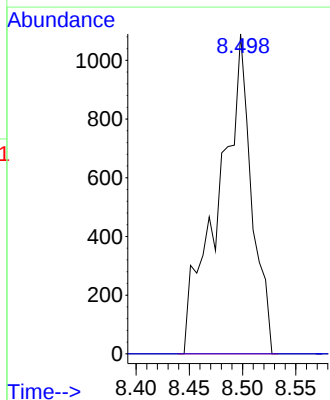
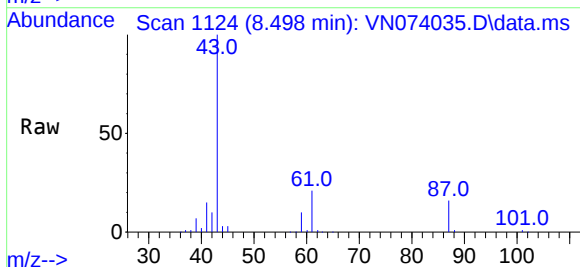
Ion	Ratio	Lower	Upper
41	100		
39	34.8	48.6	73.0#
67	0.0	73.4	110.2#
52	0.0	27.7	41.5#

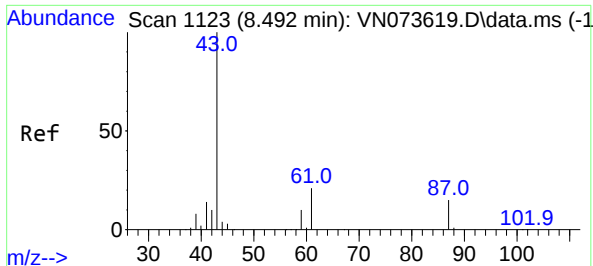


#42
1,2-Dichloroethane
Concen: 0.310 ug/l
RT: 8.498 min Scan# 1124
Delta R.T. 0.035 min
Lab File: VN074035.D
Acq: 19 Aug 2022 18:41

Tgt Ion: 62 Resp: 2366

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	19.4

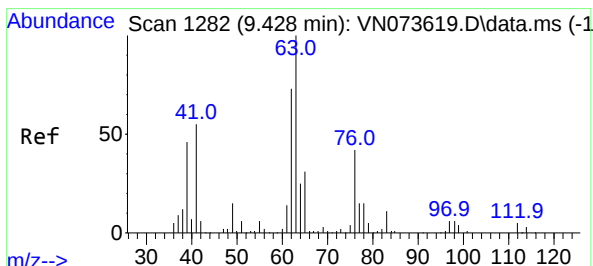
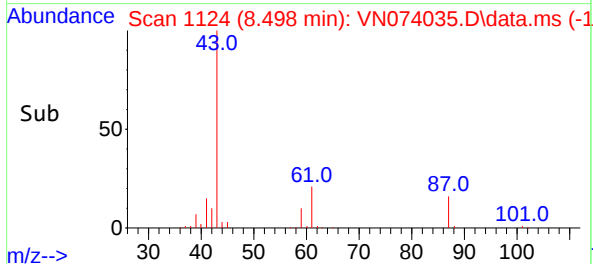
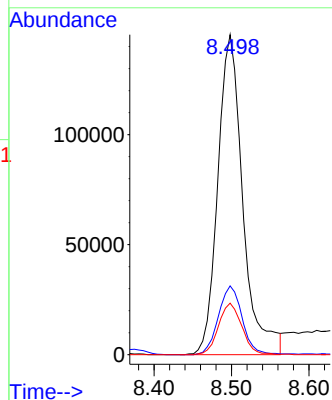
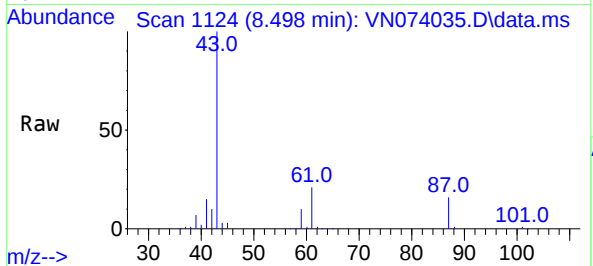




#43
Isopropyl Acetate
Concen: 26.890 ug/l
RT: 8.498 min Scan# 1123
Delta R.T. 0.006 min
Lab File: VN074035.D
Acq: 19 Aug 2022 18:41

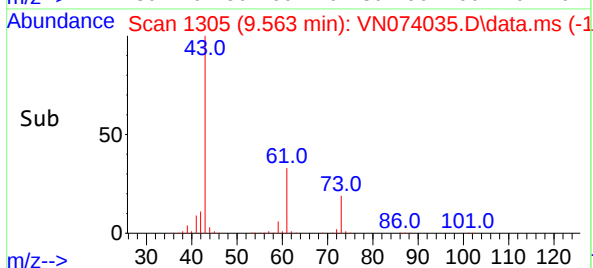
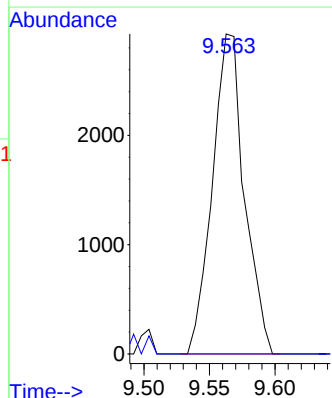
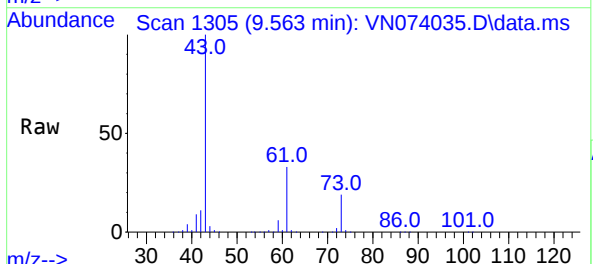
Instrument :
MSVOA_N
ClientSampleId :
PB147119ZHE#06

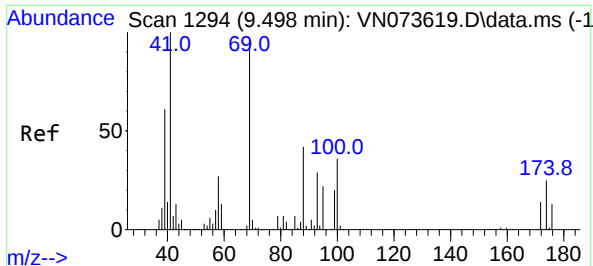
Tgt Ion: 43 Resp: 326772
Ion Ratio Lower Upper
43 100
61 20.5 21.9 32.9#
87 15.0 12.0 18.0



#45
1,2-Dichloropropane
Concen: 0.934 ug/l
RT: 9.563 min Scan# 1305
Delta R.T. 0.135 min
Lab File: VN074035.D
Acq: 19 Aug 2022 18:41

Tgt Ion: 63 Resp: 4977
Ion Ratio Lower Upper
63 100
65 0.0 24.9 37.3#

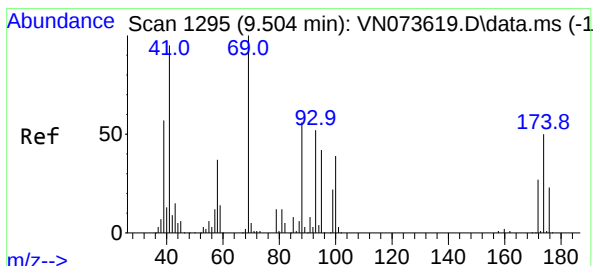
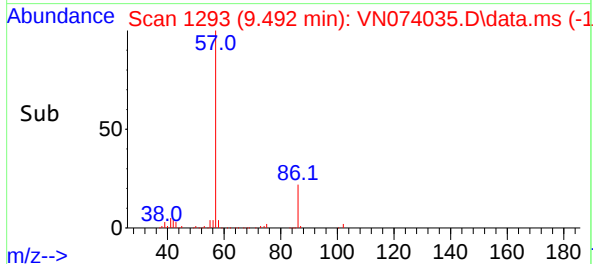
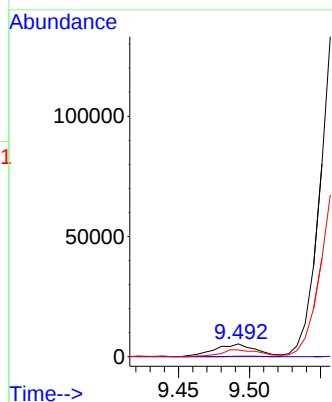
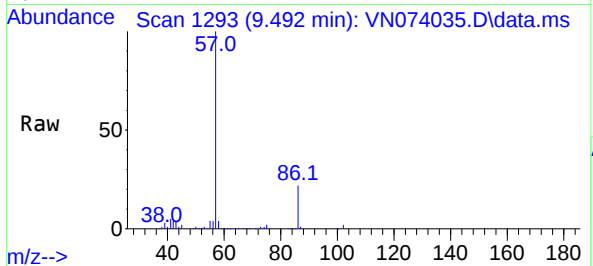




#48
Methyl methacrylate
Concen: 2.088 ug/l
RT: 9.492 min Scan# 1293
Delta R.T. -0.006 min
Lab File: VN074035.D
Acq: 19 Aug 2022 18:41

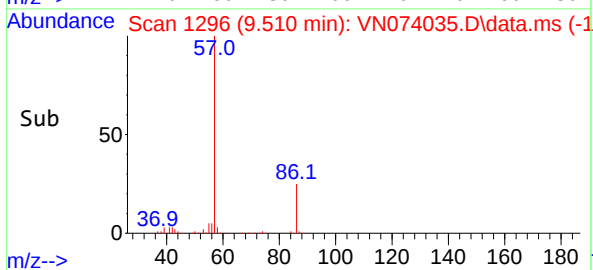
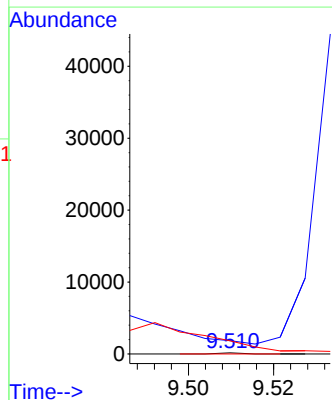
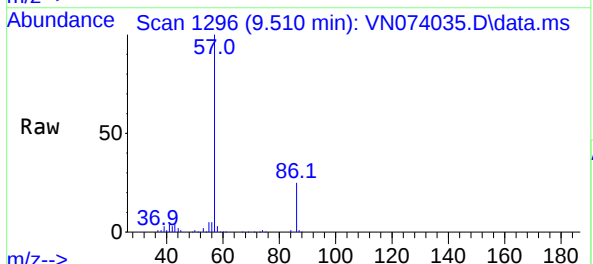
Instrument :
MSVOA_N
ClientSampleId :
PB147119ZHE#06

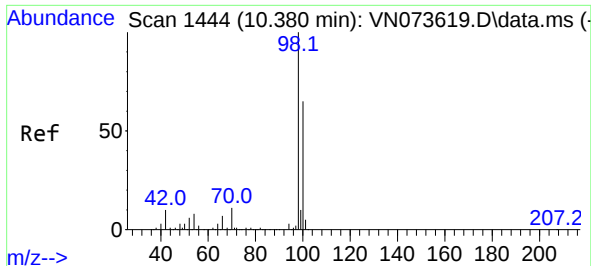
Tgt Ion: 41 Resp: 10857
Ion Ratio Lower Upper
41 100
69 3.0 74.7 112.1#
39 51.5 45.6 68.4



#49
1,4-Dioxane
Concen: 0.375 ug/l
RT: 9.510 min Scan# 1296
Delta R.T. 0.006 min
Lab File: VN074035.D
Acq: 19 Aug 2022 18:41

Tgt Ion: 88 Resp: 58
Ion Ratio Lower Upper
88 100
43 0.0 20.2 30.4#
58 14456.9 54.2 81.4#

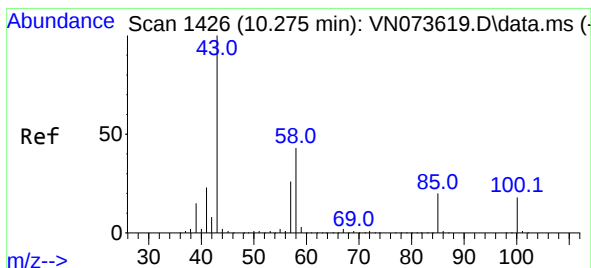
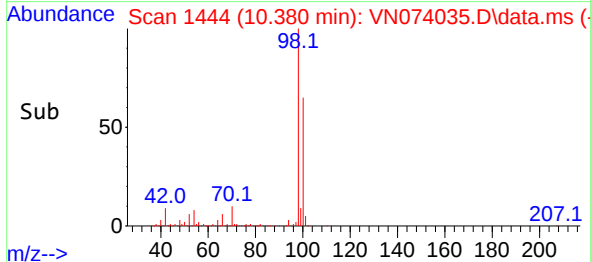
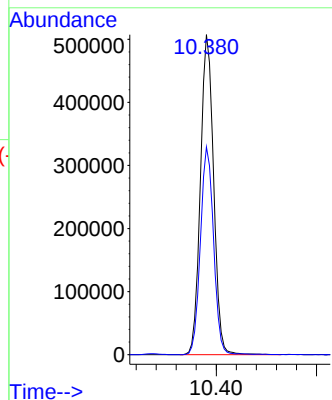
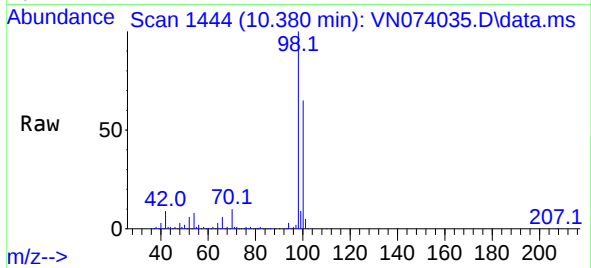




#50
Toluene-d8
Concen: 47.059 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074035.D
Acq: 19 Aug 2022 18:41

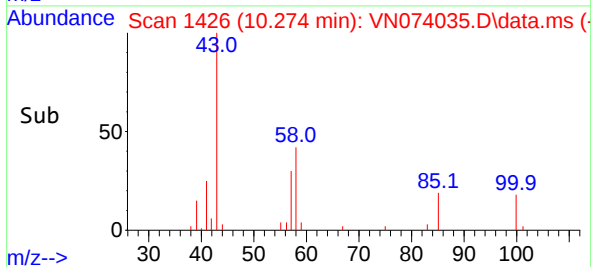
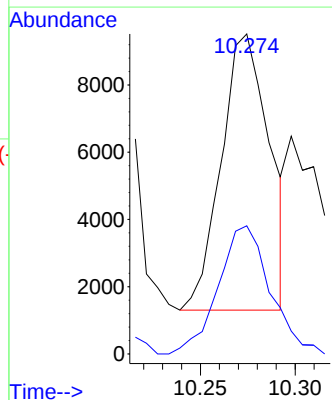
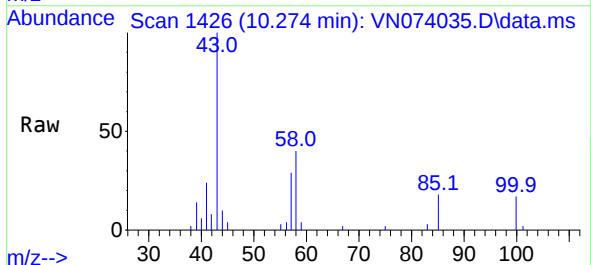
Instrument :
MSVOA_N
ClientSampleId :
PB147119ZHE#06

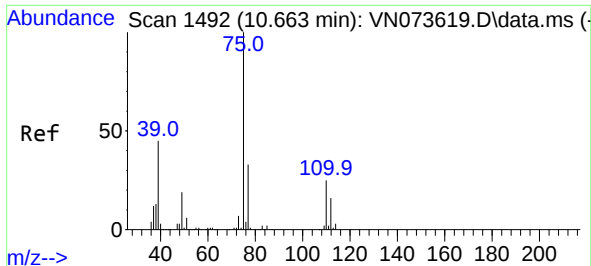
Tgt Ion: 98 Resp: 923900
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 1.770 ug/l
RT: 10.274 min Scan# 1426
Delta R.T. -0.001 min
Lab File: VN074035.D
Acq: 19 Aug 2022 18:41

Tgt Ion: 43 Resp: 14541
Ion Ratio Lower Upper
43 100
58 49.9 34.1 51.1

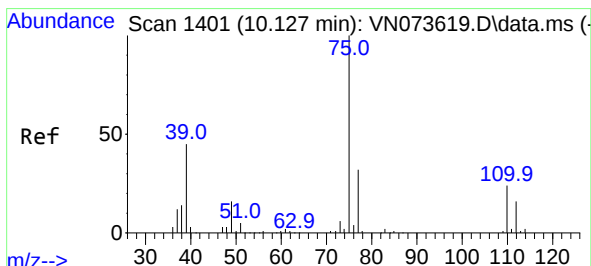
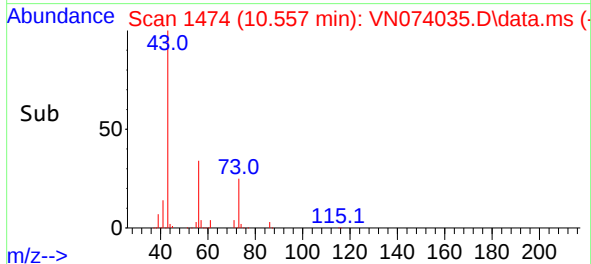
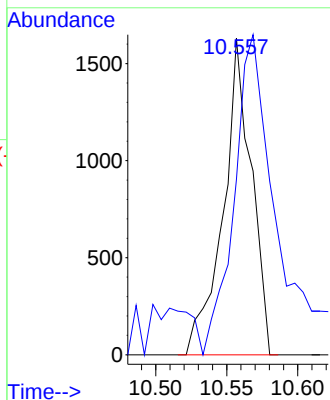
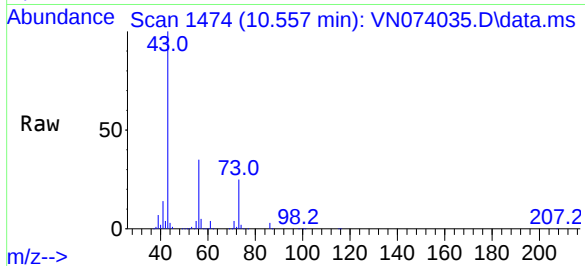




#53
t-1,3-Dichloropropene
Concen: 0.278 ug/l
RT: 10.557 min Scan# 1410
Delta R.T. -0.106 min
Lab File: VN074035.D
Acq: 19 Aug 2022 18:41

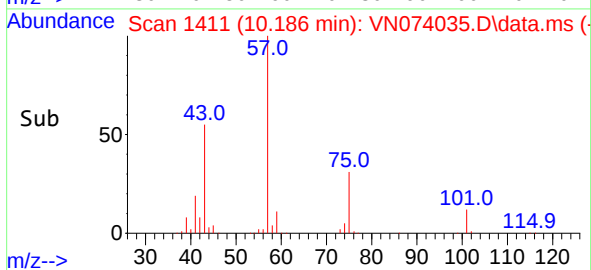
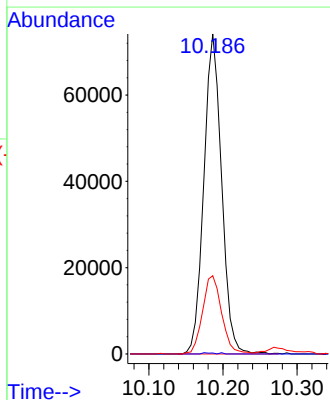
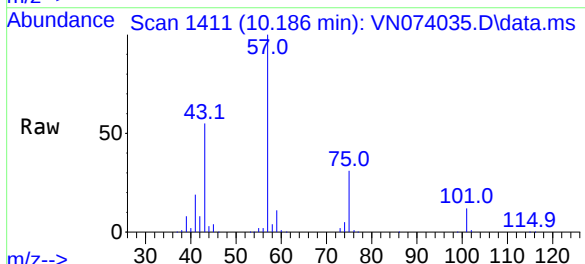
Instrument :
MSVOA_N
ClientSampleId :
PB147119ZHE#06

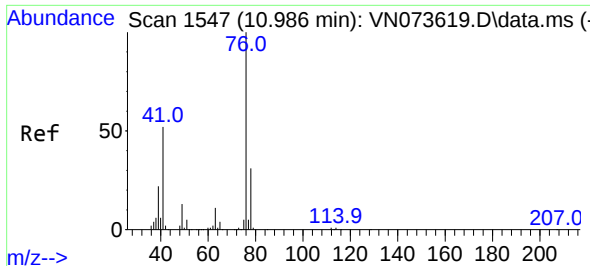
Tgt Ion: 75 Resp: 2256
Ion Ratio Lower Upper
75 100
77 41.6 25.6 38.4#



#54
cis-1,3-Dichloropropene
Concen: 13.898 ug/l
RT: 10.186 min Scan# 1411
Delta R.T. 0.059 min
Lab File: VN074035.D
Acq: 19 Aug 2022 18:41

Tgt Ion: 75 Resp: 123507
Ion Ratio Lower Upper
75 100
77 0.3 25.2 37.8#
39 24.4 35.7 53.5#

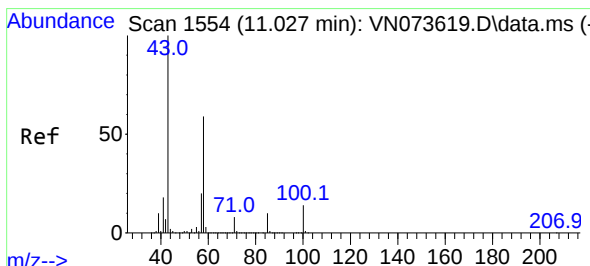
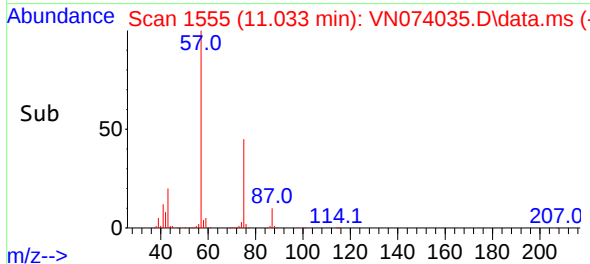
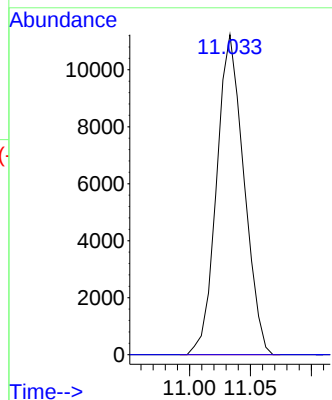
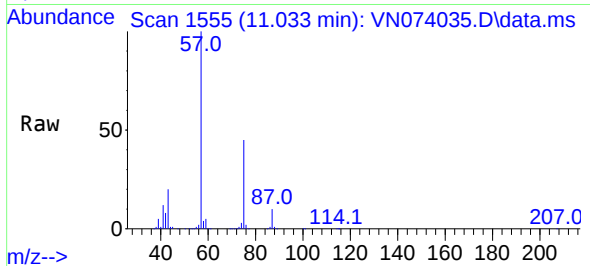




#57
1,3-Dichloropropane
Concen: 1.818 ug/l
RT: 11.033 min Scan# 1555
Delta R.T. 0.047 min
Lab File: VN074035.D
Acq: 19 Aug 2022 18:41

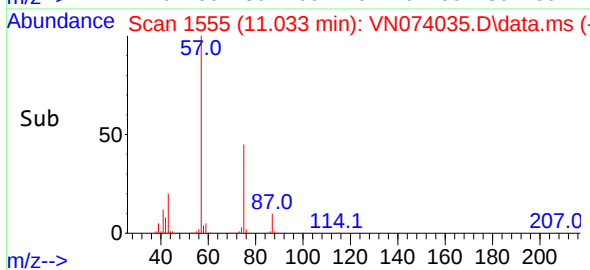
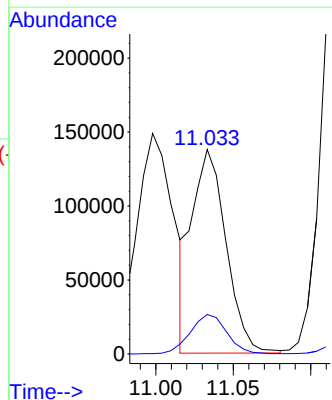
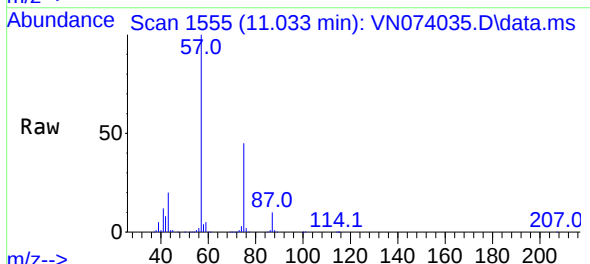
Instrument :
MSVOA_N
ClientSampleId :
PB147119ZHE#06

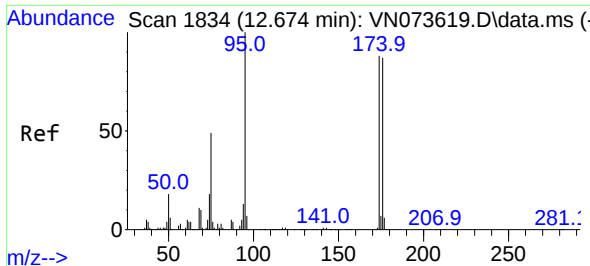
Tgt Ion: 76 Resp: 17525
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#



#59
2-Hexanone
Concen: 33.364 ug/l
RT: 11.033 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN074035.D
Acq: 19 Aug 2022 18:41

Tgt Ion: 43 Resp: 210964
Ion Ratio Lower Upper
43 100
58 20.9 29.7 89.1#

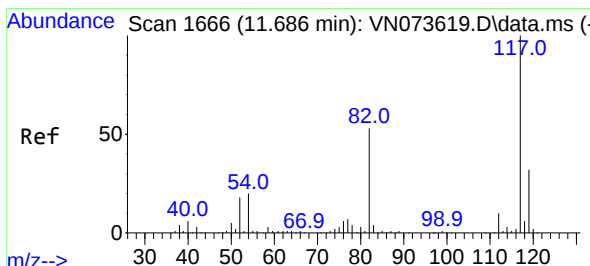
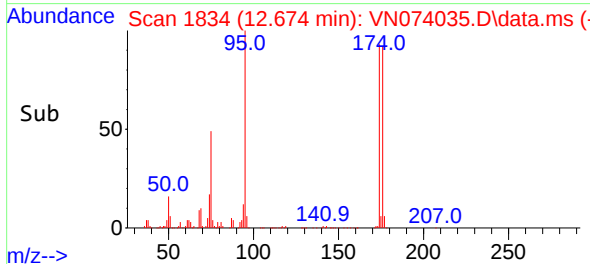
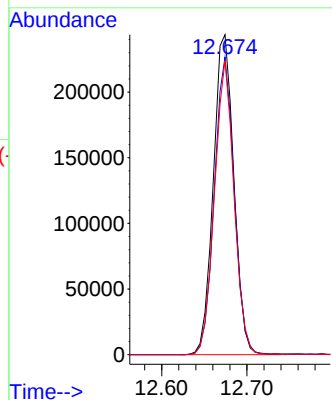
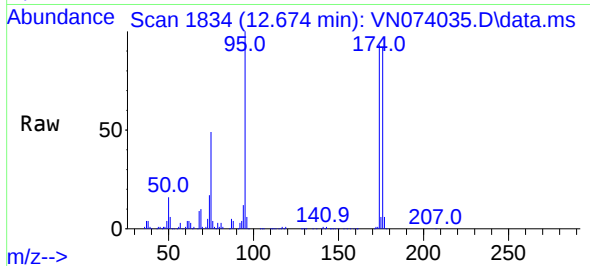




#62
4-Bromofluorobenzene
Concen: 62.521 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074035.D
Acq: 19 Aug 2022 18:41

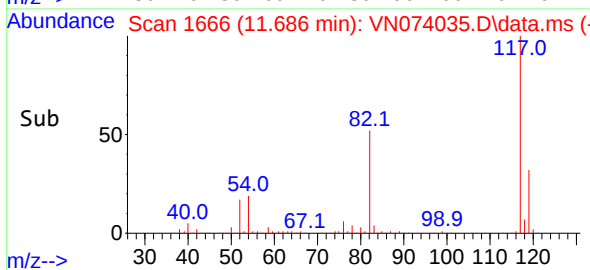
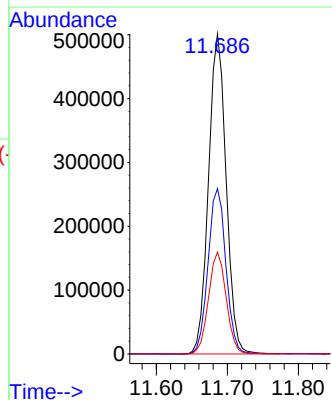
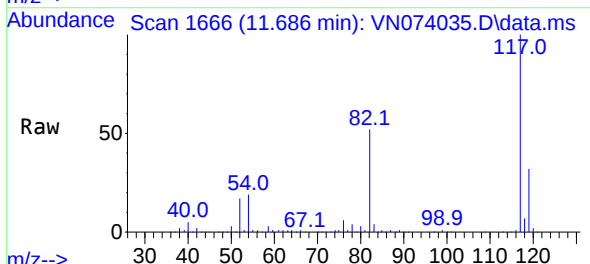
Instrument :
MSVOA_N
ClientSampleId :
PB147119ZHE#06

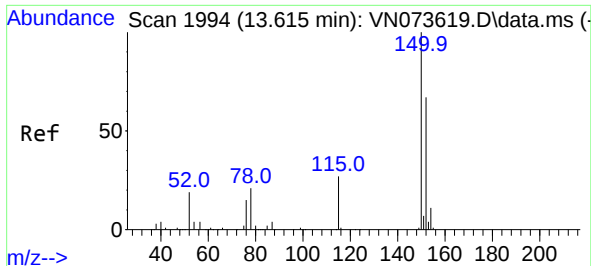
Tgt Ion: 95 Resp: 407373
Ion Ratio Lower Upper
95 100
174 90.4 0.0 167.6
176 87.3 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074035.D
Acq: 19 Aug 2022 18:41

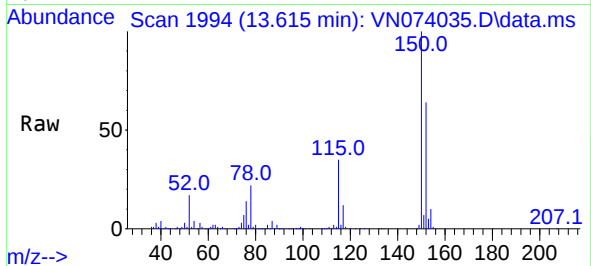
Tgt Ion: 117 Resp: 864428
Ion Ratio Lower Upper
117 100
82 51.6 44.2 66.2
119 31.8 25.4 38.0



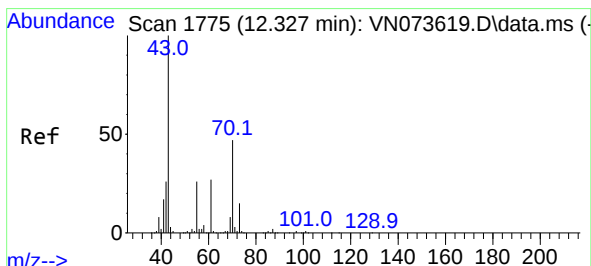
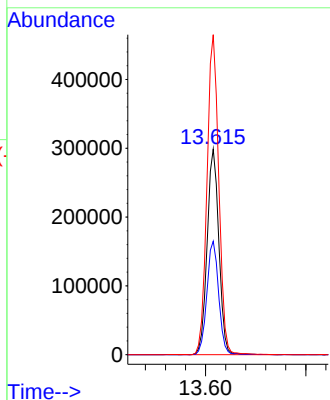
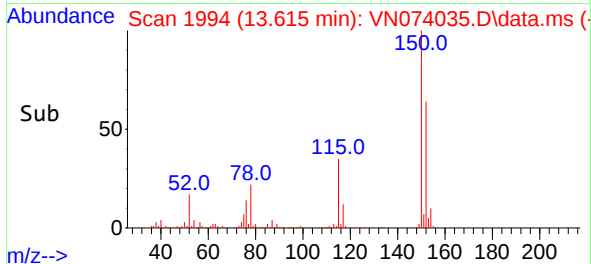


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN074035.D
Acq: 19 Aug 2022 18:41

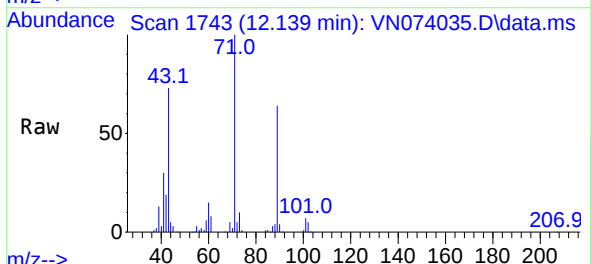
Instrument :
MSVOA_N
ClientSampleId :
PB147119ZHE#06



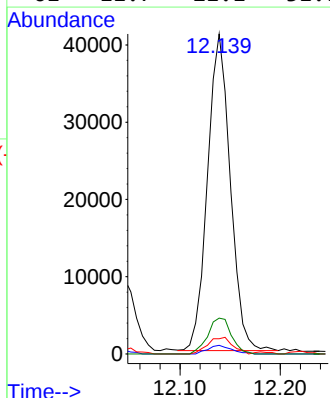
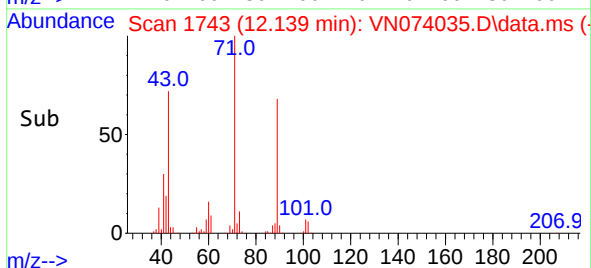
Tgt Ion:152 Resp: 485699
Ion Ratio Lower Upper
152 100
115 55.6 28.9 86.7
150 156.5 0.0 356.2

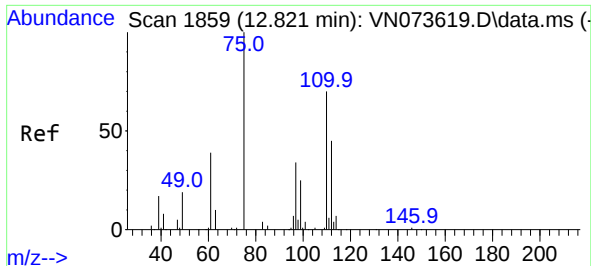


#74
N-ethyl acetate
Concen: 4.840 ug/l
RT: 12.139 min Scan# 1743
Delta R.T. -0.188 min
Lab File: VN074035.D
Acq: 19 Aug 2022 18:41



Tgt Ion: 43 Resp: 64712
Ion Ratio Lower Upper
43 100
70 2.8 39.0 58.4#
55 5.8 21.1 31.7#
61 11.7 21.1 31.7#

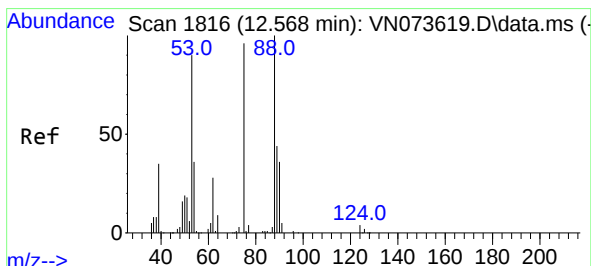
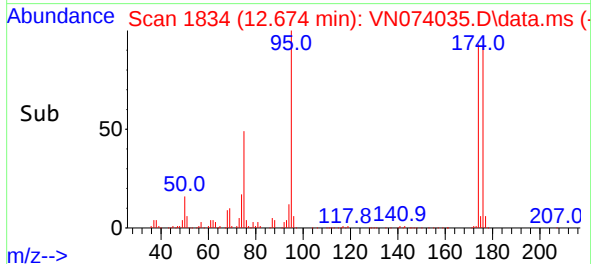
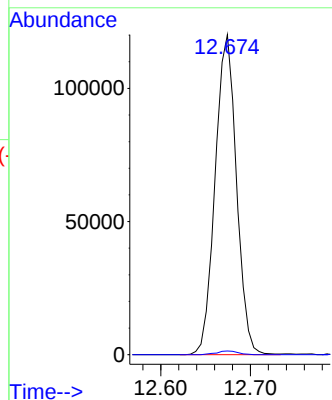
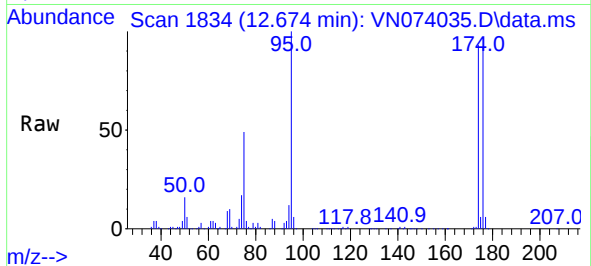




#76
1,2,3-Trichloropropane
Concen: 19.633 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.147 min
Lab File: VN074035.D
Acq: 19 Aug 2022 18:41

Instrument :
MSVOA_N
ClientSampleId :
PB147119ZHE#06

Tgt Ion: 75 Resp: 198195
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.839 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.106 min
Lab File: VN074035.D
Acq: 19 Aug 2022 18:41

Tgt Ion: 75 Resp: 198195
Ion Ratio Lower Upper
75 100
53 0.2 78.0 117.0#
89 0.0 37.2 55.8#

