

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081922\
 Data File : VN074036.D
 Acq On : 19 Aug 2022 19:06
 Operator : JC\MD
 Sample : PB147119ZHE#07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB147119ZHE#07

Quant Time: Aug 20 03:07:43 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)

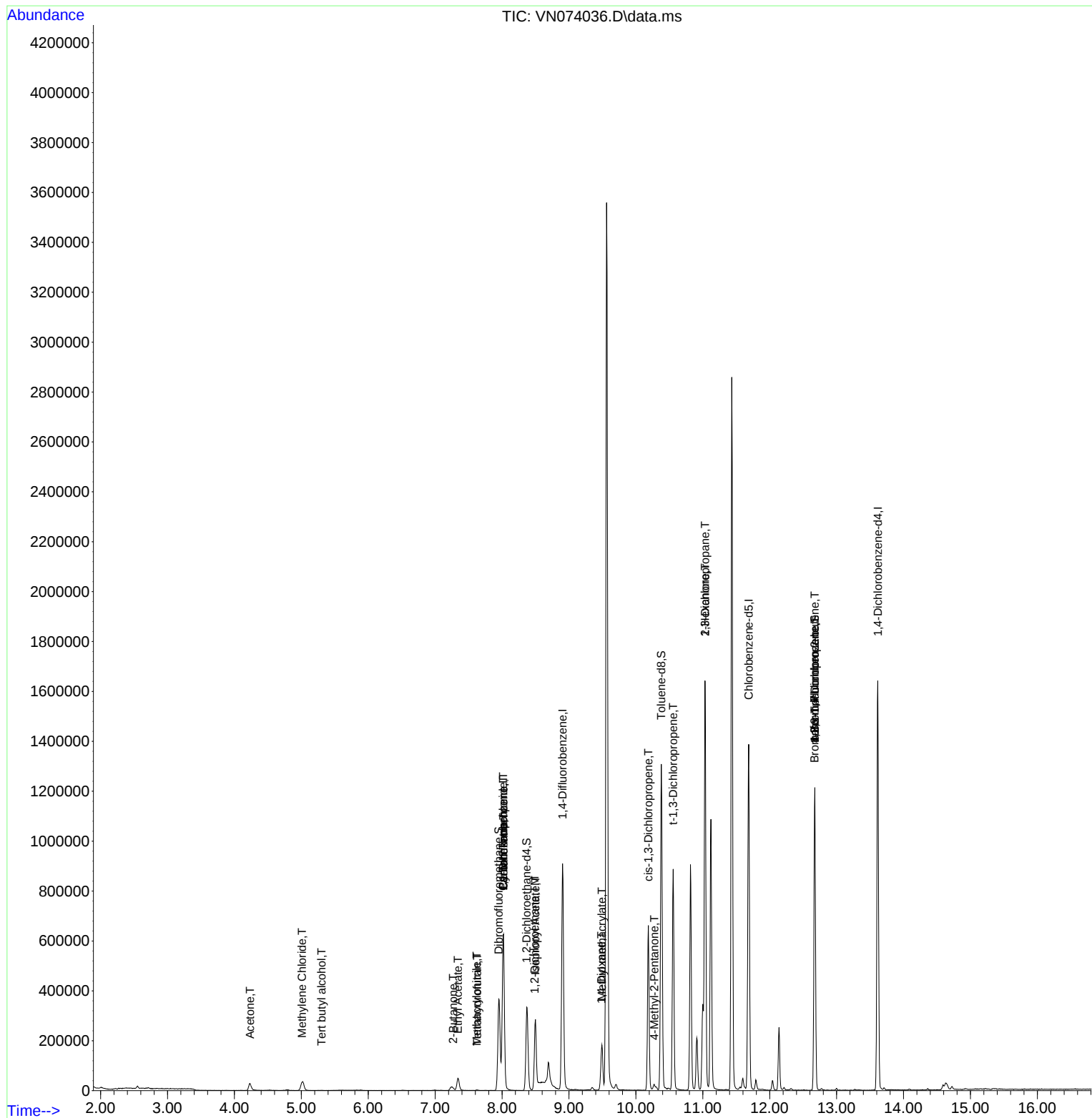
Internal Standards						
1) Pentafluorobenzene	8.022	168	528781	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	845177	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	849061	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	477152	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	281812	54.718	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.440%			
35) Dibromofluoromethane	7.951	113	271245	54.268	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.540%			
50) Toluene-d8	10.380	98	930212	48.053	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.100%			
62) 4-Bromofluorobenzene	12.674	95	401419	62.482	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 124.960%#			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.304	59	852	0.740	ug/l #	72
16) Acetone	4.234	43	51530	21.207	ug/l	96
18) Methyl Acetate	4.793	43	5723	Below Cal	#	86
20) Methylene Chloride	5.010	84	30646	5.977	ug/l	93
25) 2-Butanone	7.269	43	11358	2.948	ug/l	92
29) Tetrahydrofuran	7.628	42	1628	0.659	ug/l #	65
31) Cyclohexane	8.022	56	9112	1.269	ug/l #	13
36) 1,1-Dichloropropene	8.016	75	33738	4.860	ug/l #	49
37) Ethyl Acetate	7.339	43	74449	8.852	ug/l	98
38) Carbon Tetrachloride	8.016	117	47981	6.046	ug/l #	17
41) Methacrylonitrile	7.622	41	883	0.232	ug/l #	20
42) 1,2-Dichloroethane	8.486	62	2251	0.299	ug/l #	74
43) Isopropyl Acetate	8.498	43	330713	27.601	ug/l #	91
48) Methyl methacrylate	9.492	41	10601	2.068	ug/l #	39
49) 1,4-Dioxane	9.486	88	171	1.122	ug/l #	1
51) 4-Methyl-2-Pentanone	10.275	43	12814	1.582	ug/l	94
53) t-1,3-Dichloropropene	10.557	75	2405	0.300	ug/l #	1
54) cis-1,3-Dichloropropene	10.186	75	125867	14.365	ug/l #	62
57) 1,3-Dichloropropane	11.033	76	17873	1.881	ug/l #	42
59) 2-Hexanone	11.033	43	216817	34.777	ug/l #	50
71) Bromoform	12.669	173	1869	0.306	ug/l #	28
76) 1,2,3-Trichloropropane	12.674	75	196148	19.778	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	196148	56.252	ug/l #	11

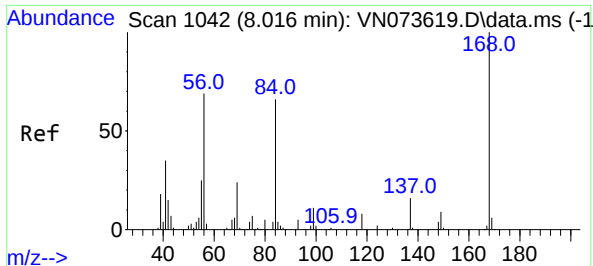
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081922\
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Quant Title : SW846 8260
QLast Update : Tue Aug 16 00:45:21 2022
Response via : Initial Calibration

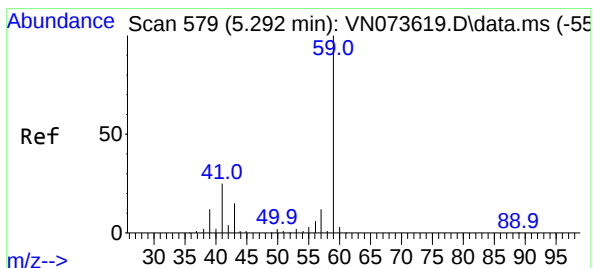
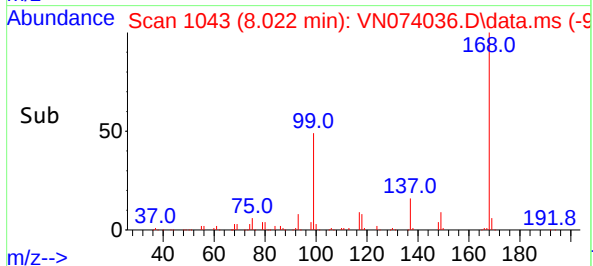
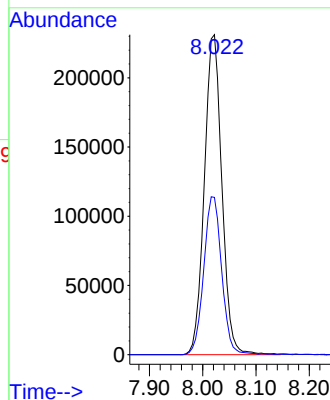
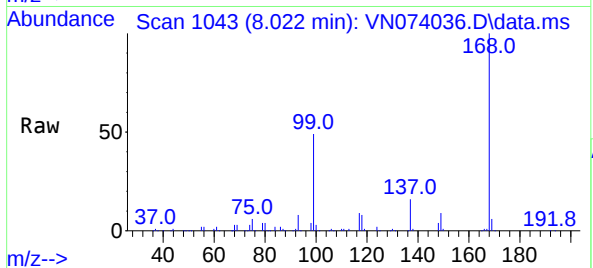




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN074036.D
Acq: 19 Aug 2022 19:06

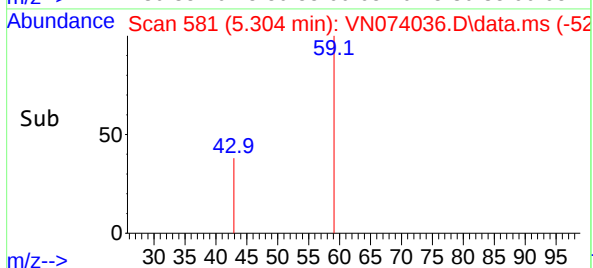
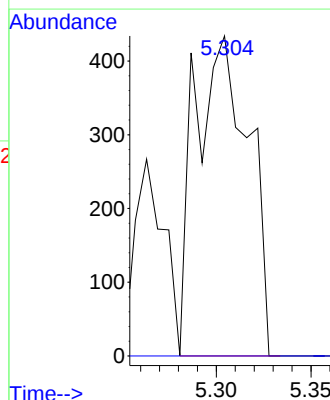
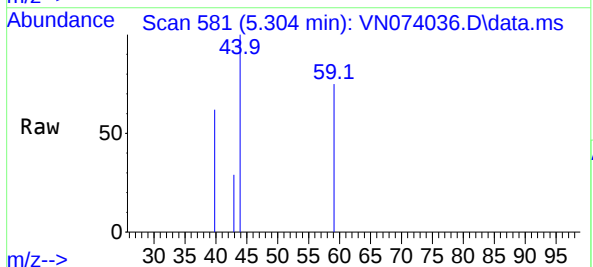
Instrument :
MSVOA_N
ClientSampleId :
PB147119ZHE#07

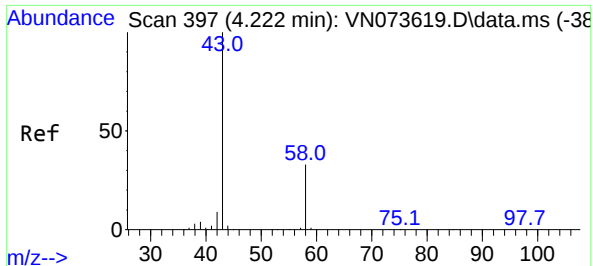
Tgt Ion:168 Resp: 528781
Ion Ratio Lower Upper
168 100
99 49.2 42.3 63.5



#11
Tert butyl alcohol
Concen: 0.740 ug/l
RT: 5.304 min Scan# 581
Delta R.T. 0.012 min
Lab File: VN074036.D
Acq: 19 Aug 2022 19:06

Tgt Ion: 59 Resp: 852
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

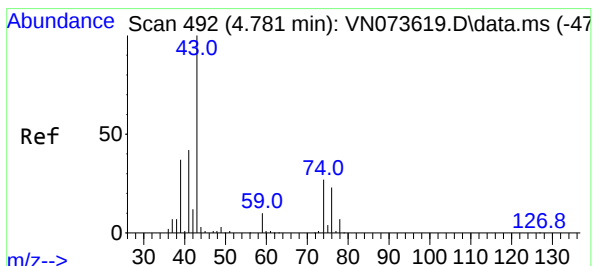
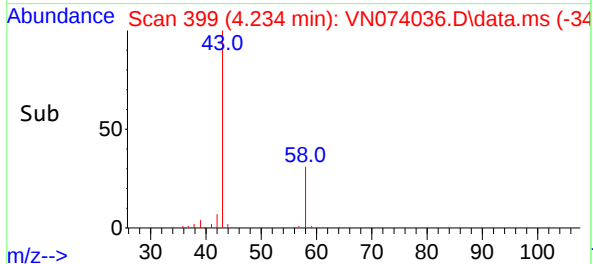
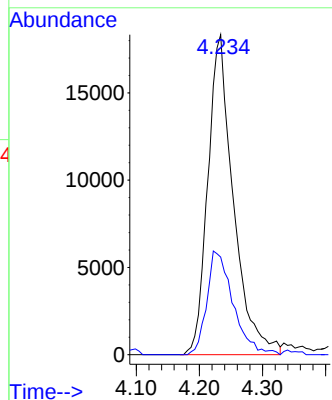
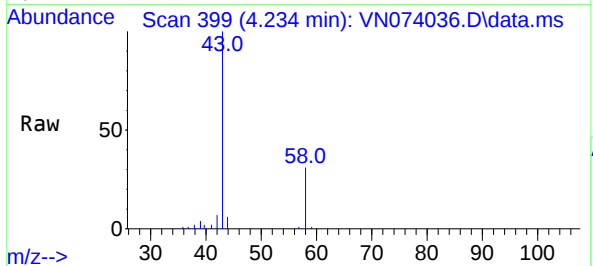




#16
Acetone
Concen: 21.207 ug/l
RT: 4.234 min Scan# 399
Delta R.T. 0.012 min
Lab File: VN074036.D
Acq: 19 Aug 2022 19:06

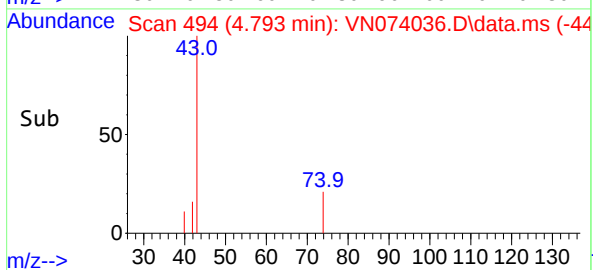
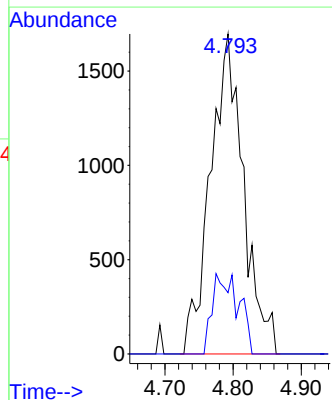
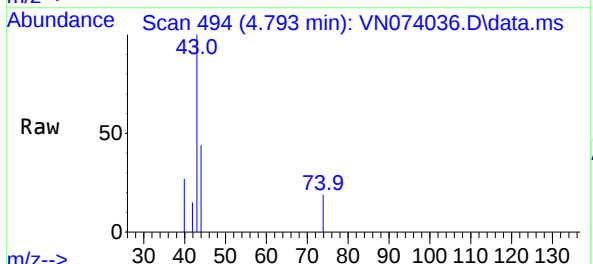
Instrument :
MSVOA_N
ClientSampleId :
PB147119ZHE#07

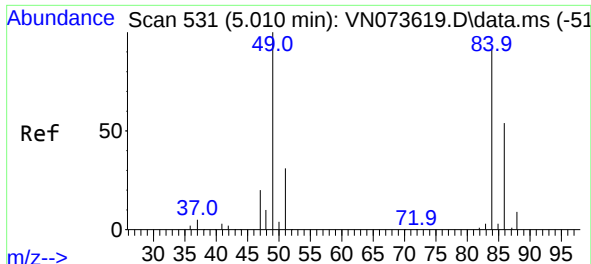
Tgt Ion: 43 Resp: 51530
Ion Ratio Lower Upper
43 100
58 30.5 26.0 39.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.793 min Scan# 494
Delta R.T. 0.012 min
Lab File: VN074036.D
Acq: 19 Aug 2022 19:06

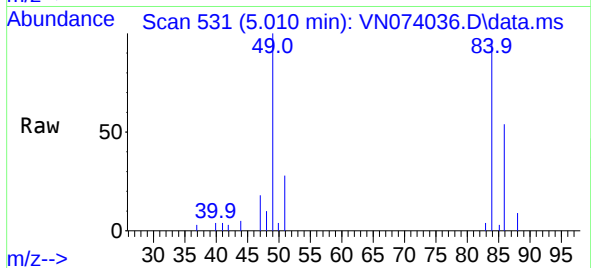
Tgt Ion: 43 Resp: 5723
Ion Ratio Lower Upper
43 100
74 19.8 21.6 32.4#



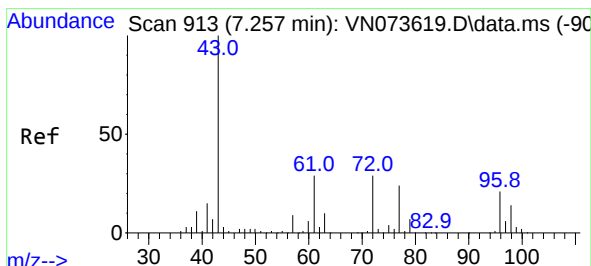
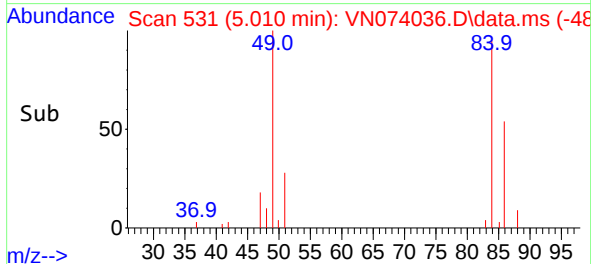
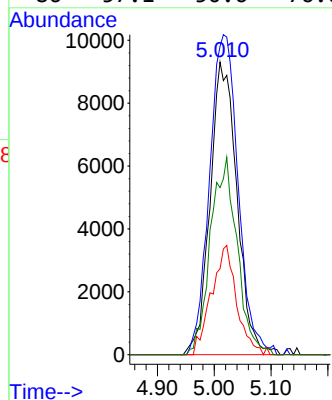


#20
Methylene Chloride
Concen: 5.977 ug/l
RT: 5.010 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN074036.D
Acq: 19 Aug 2022 19:06

Instrument :
MSVOA_N
ClientSampleId :
PB147119ZHE#07

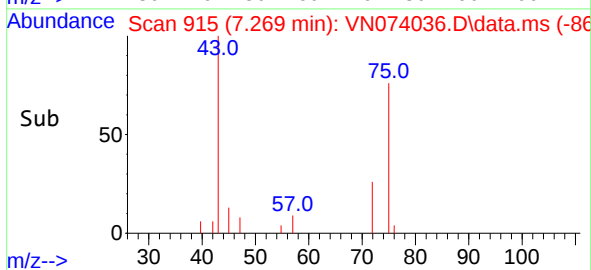
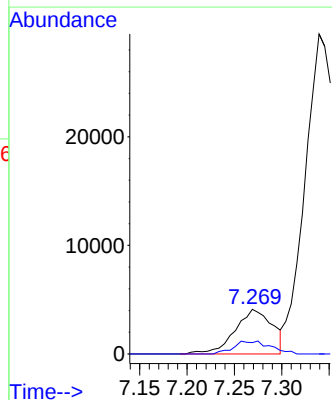
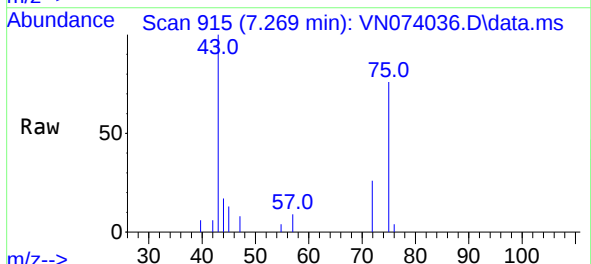


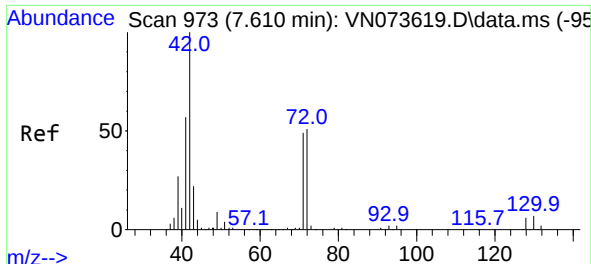
Tgt Ion: 84 Resp: 30646
Ion Ratio Lower Upper
84 100
49 105.4 88.3 132.5
51 29.4 28.2 42.2
86 57.1 50.6 76.0



#25
2-Butanone
Concen: 2.948 ug/l
RT: 7.269 min Scan# 915
Delta R.T. 0.012 min
Lab File: VN074036.D
Acq: 19 Aug 2022 19:06

Tgt Ion: 43 Resp: 11358
Ion Ratio Lower Upper
43 100
72 25.5 23.7 35.5

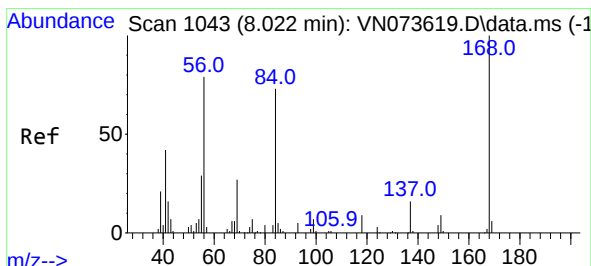
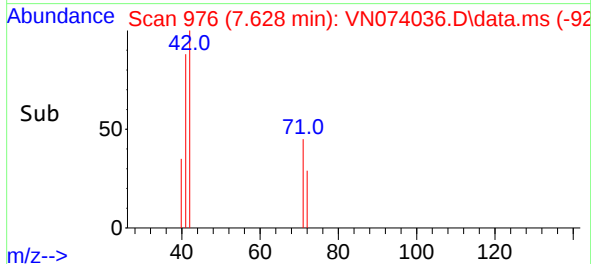
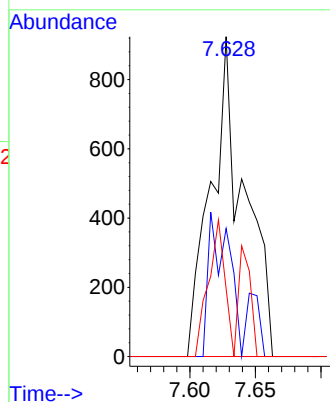
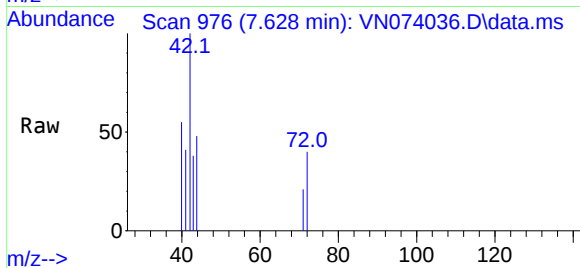




#29
Tetrahydrofuran
Concen: 0.659 ug/l
RT: 7.628 min Scan# 91
Delta R.T. 0.018 min
Lab File: VN074036.D
Acq: 19 Aug 2022 19:06

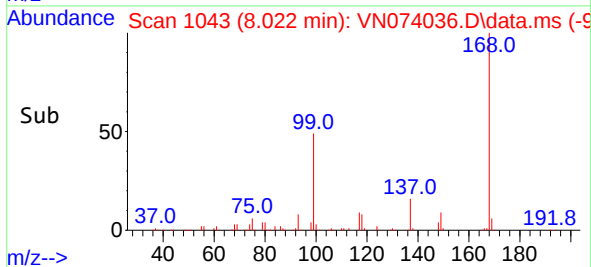
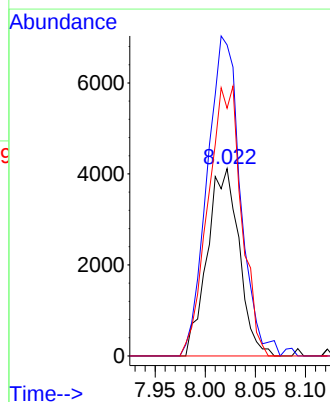
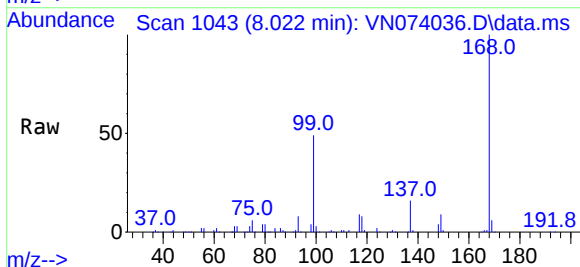
Instrument :
MSVOA_N
ClientSampleId :
PB147119ZHE#07

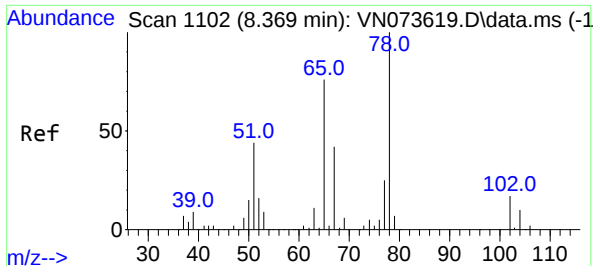
Tgt Ion:	42	Resp:	1628
Ion	Ratio	Lower	Upper
42	100		
72	27.4	39.7	59.5#
71	21.4	36.6	55.0#



#31
Cyclohexane
Concen: 1.269 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN074036.D
Acq: 19 Aug 2022 19:06

Tgt Ion:	56	Resp:	9112
Ion	Ratio	Lower	Upper
56	100		
69	165.9	27.8	41.8#
84	132.2	76.9	115.3#





#33

1,2-Dichloroethane-d4

Concen: 54.718 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN074036.D

Acq: 19 Aug 2022 19:06

Instrument :

MSVOA_N

ClientSampleId :

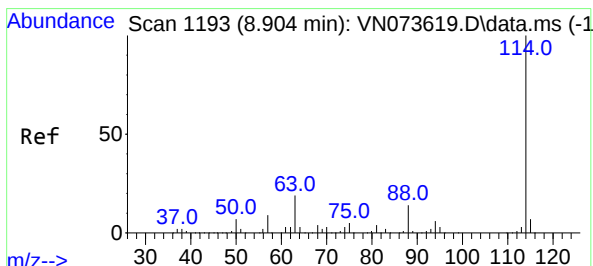
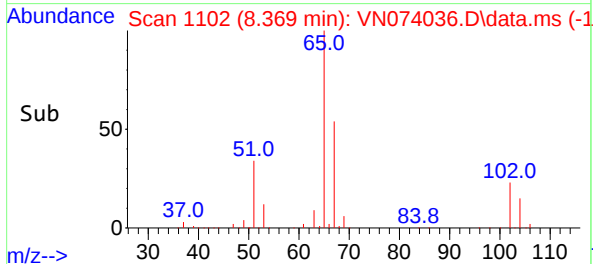
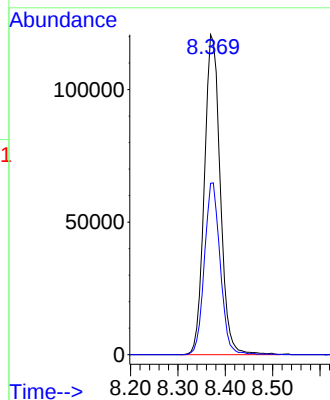
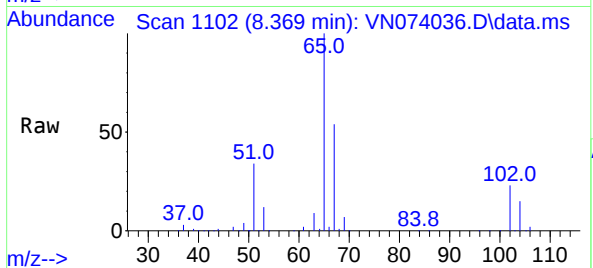
PB147119ZHE#07

Tgt Ion: 65 Resp: 281812

Ion Ratio Lower Upper

65 100

67 53.0 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: VN074036.D

Acq: 19 Aug 2022 19:06

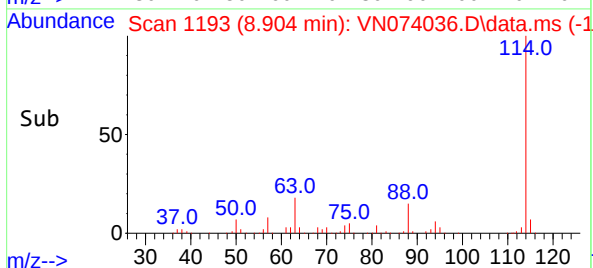
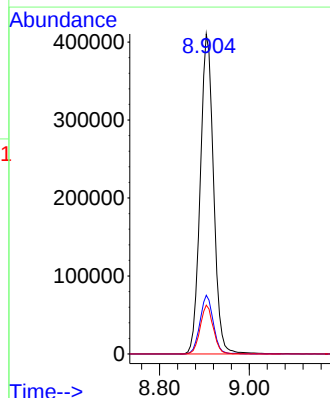
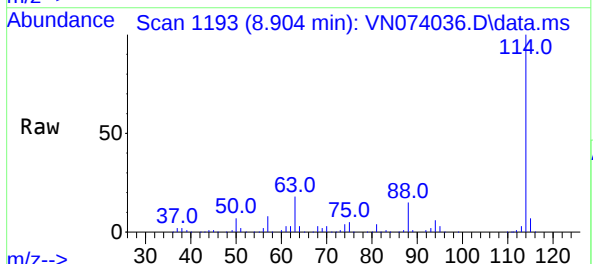
Tgt Ion: 114 Resp: 845177

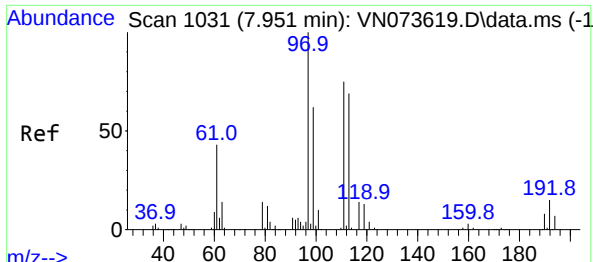
Ion Ratio Lower Upper

114 100

63 18.4 0.0 40.0

88 15.3 0.0 32.6

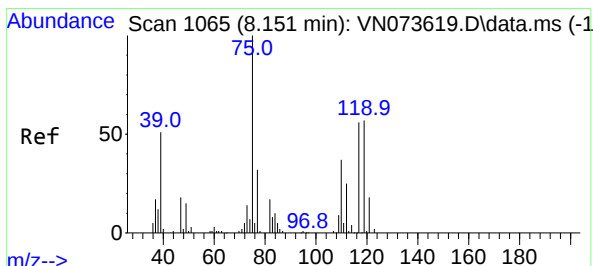
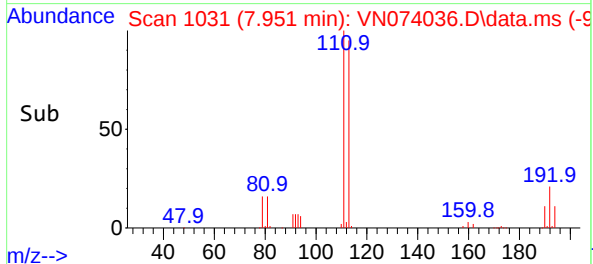
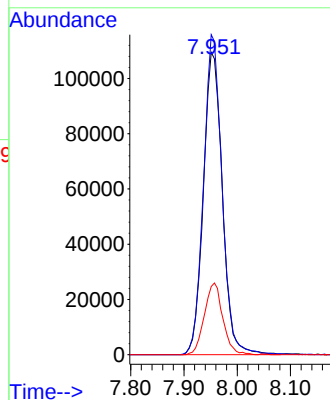
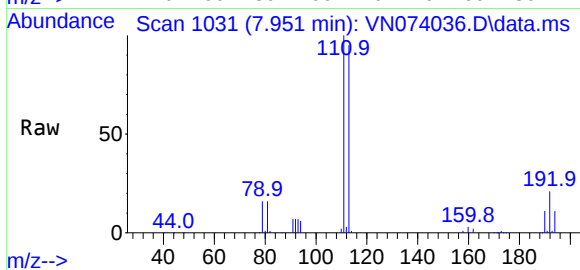




#35
Dibromofluoromethane
Concen: 54.268 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN074036.D
Acq: 19 Aug 2022 19:06

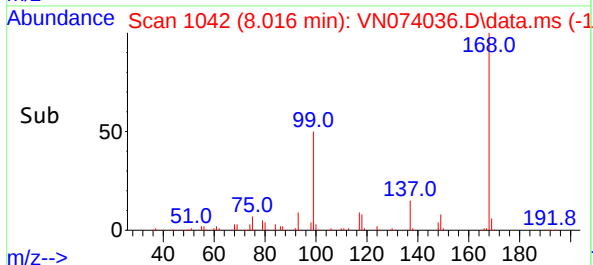
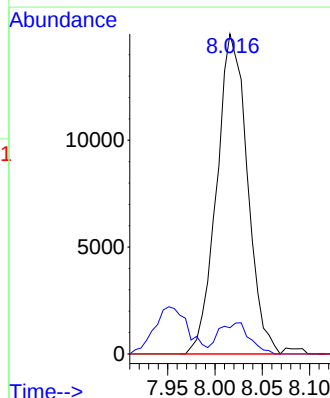
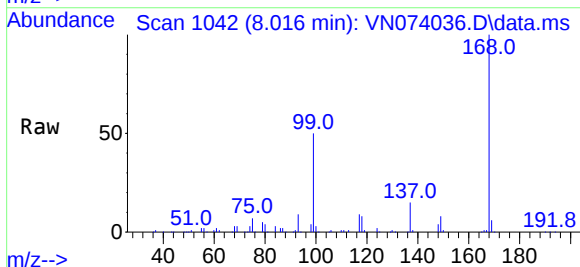
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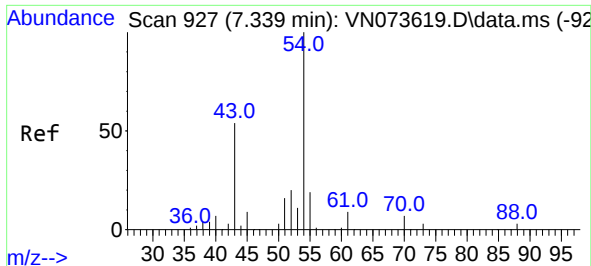
Tgt Ion:113 Resp: 271245
Ion Ratio Lower Upper
113 100
111 103.4 81.4 122.0
192 23.0 17.0 25.6



#36
1,1-Dichloropropene
Concen: 4.860 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.135 min
Lab File: VN074036.D
Acq: 19 Aug 2022 19:06

Tgt Ion: 75 Resp: 33738
Ion Ratio Lower Upper
75 100
110 9.8 18.3 54.8#
77 0.0 25.1 37.7#

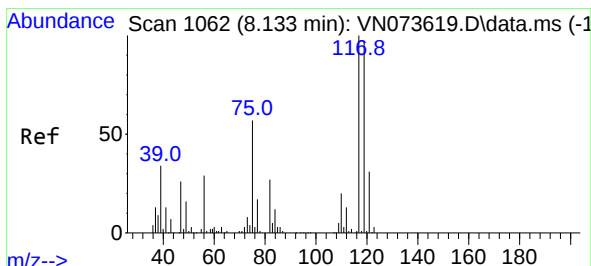
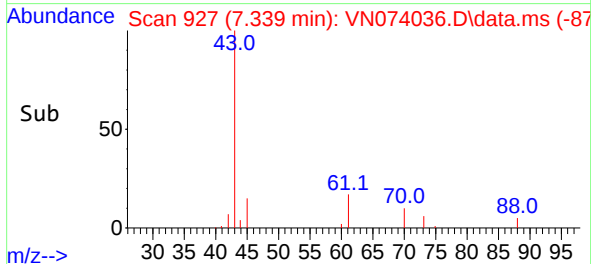
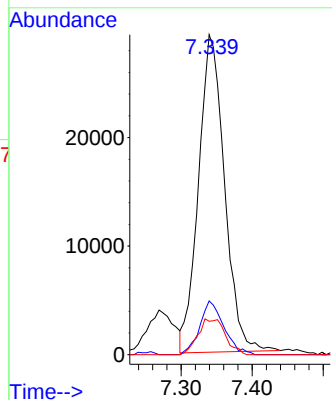
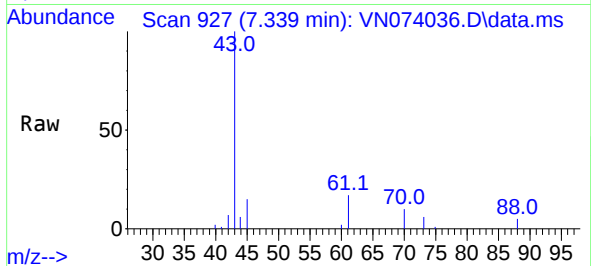




#37
Ethyl Acetate
Concen: 8.852 ug/l
RT: 7.339 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN074036.D
Acq: 19 Aug 2022 19:06

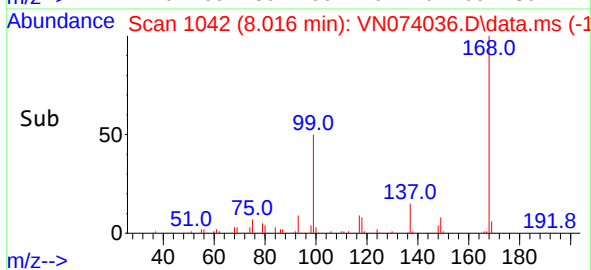
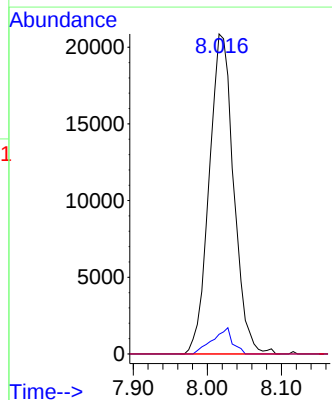
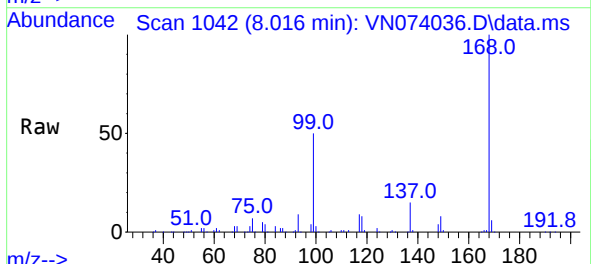
Instrument :
MSVOA_N
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PB147119ZHE#07

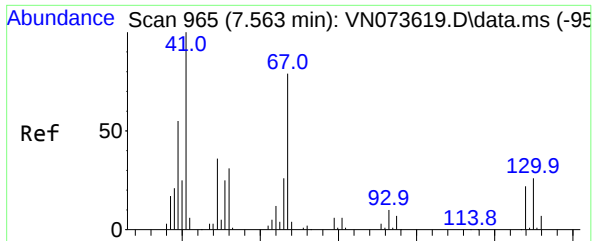
Tgt Ion:	43	Resp:	74449
Ion	Ratio	Lower	Upper
43	100		
61	15.8	11.8	17.6
70	11.8	9.3	13.9



#38
Carbon Tetrachloride
Concen: 6.046 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.117 min
Lab File: VN074036.D
Acq: 19 Aug 2022 19:06

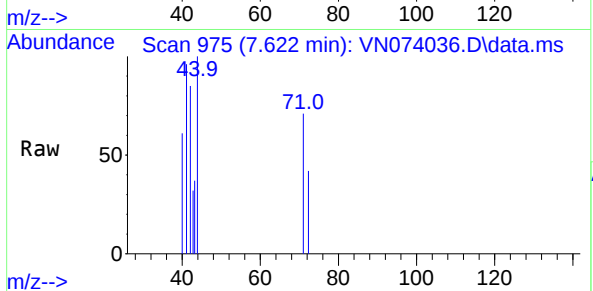
Tgt Ion:	117	Resp:	47981
Ion	Ratio	Lower	Upper
117	100		
119	6.1	75.8	113.8#
121	0.0	24.6	37.0#



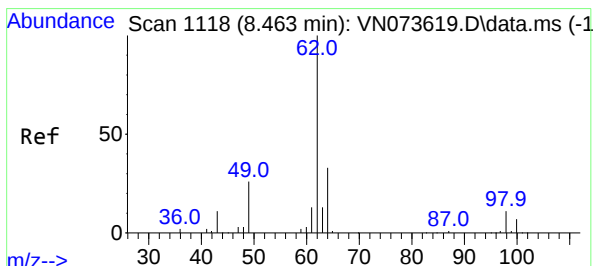
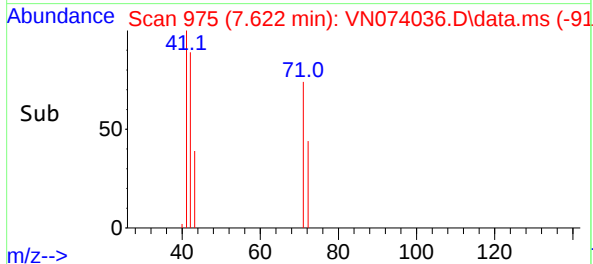
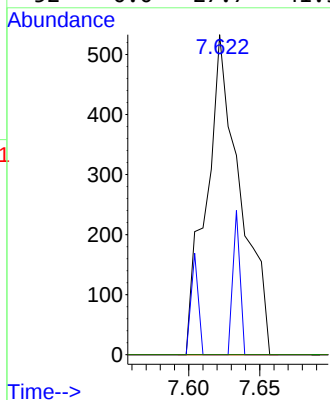


#41
Methacrylonitrile
Concen: 0.232 ug/l
RT: 7.622 min Scan# 91
Delta R.T. 0.059 min
Lab File: VN074036.D
Acq: 19 Aug 2022 19:06

Instrument :
MSVOA_N
ClientSampleId :
PB147119ZHE#07

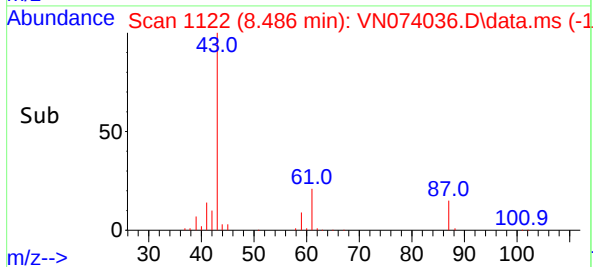
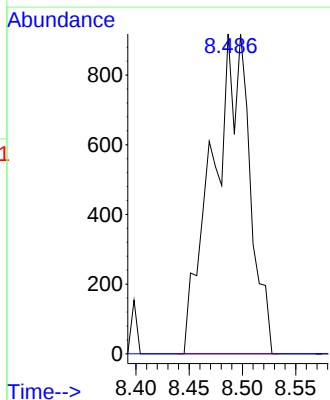
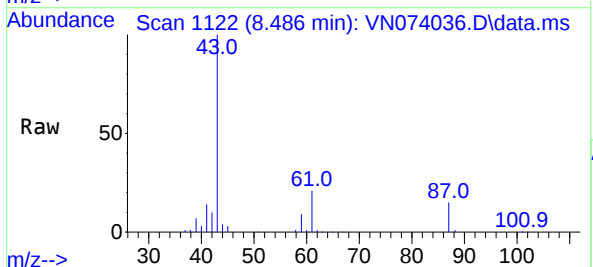


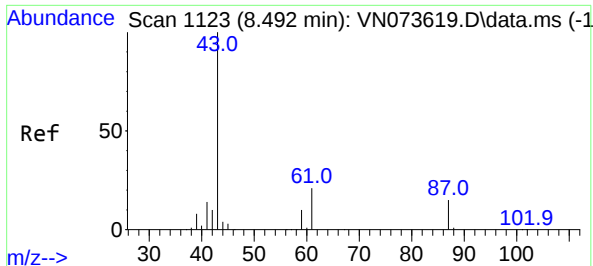
Tgt Ion:	41	Resp:	883
Ion	Ratio	Lower	Upper
41	100		
39	9.6	48.6	73.0#
67	0.0	73.4	110.2#
52	0.0	27.7	41.5#



#42
1,2-Dichloroethane
Concen: 0.299 ug/l
RT: 8.486 min Scan# 1122
Delta R.T. 0.023 min
Lab File: VN074036.D
Acq: 19 Aug 2022 19:06

Tgt Ion:	62	Resp:	2251
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	19.4

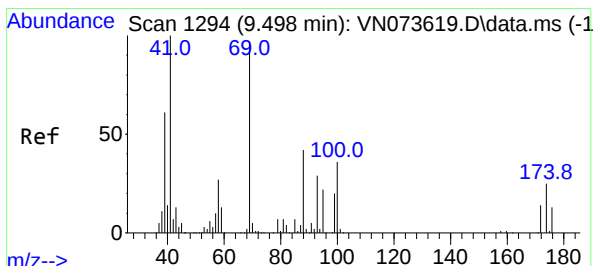
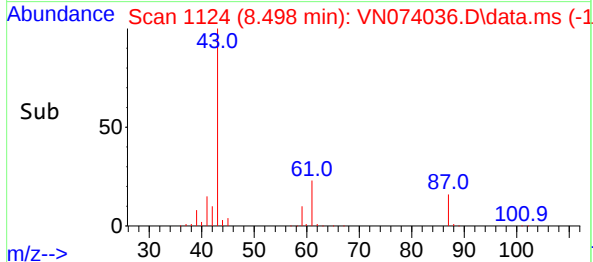
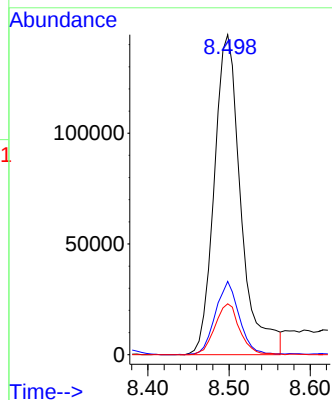
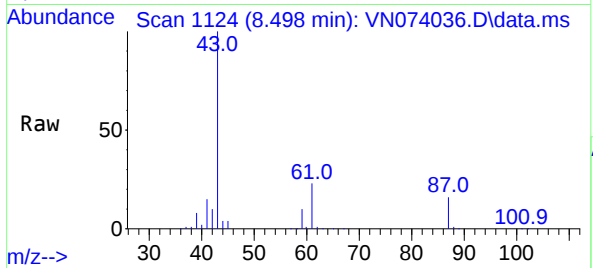




#43
Isopropyl Acetate
Concen: 27.601 ug/l
RT: 8.498 min Scan# 1123
Delta R.T. 0.006 min
Lab File: VN074036.D
Acq: 19 Aug 2022 19:06

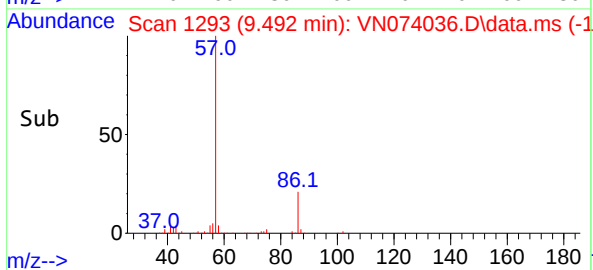
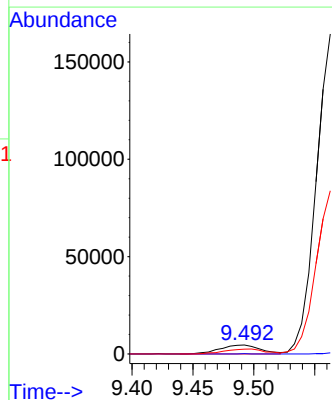
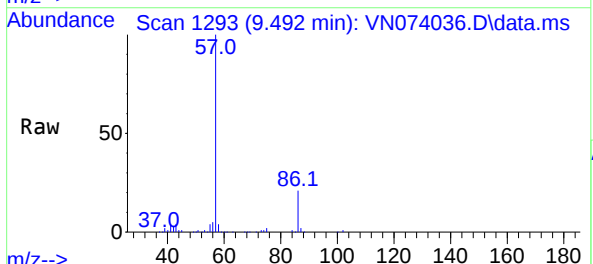
Instrument :
MSVOA_N
ClientSampleId :
PB147119ZHE#07

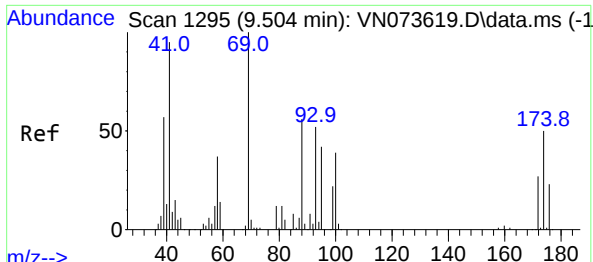
Tgt Ion: 43 Resp: 330713
Ion Ratio Lower Upper
43 100
61 20.5 21.9 32.9#
87 14.7 12.0 18.0



#48
Methyl methacrylate
Concen: 2.068 ug/l
RT: 9.492 min Scan# 1293
Delta R.T. -0.006 min
Lab File: VN074036.D
Acq: 19 Aug 2022 19:06

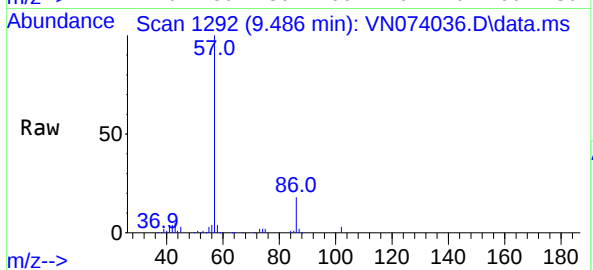
Tgt Ion: 41 Resp: 10601
Ion Ratio Lower Upper
41 100
69 0.7 74.7 112.1#
39 54.5 45.6 68.4



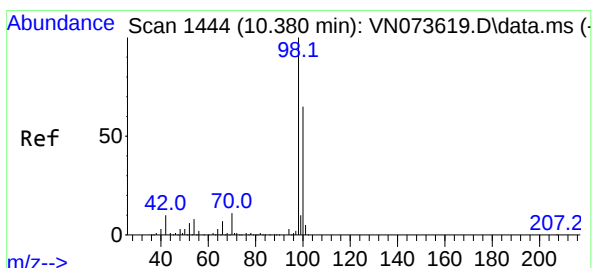
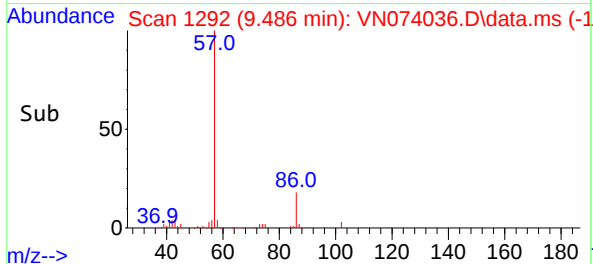
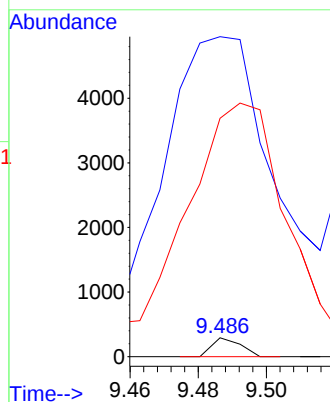


#49
1,4-Dioxane
Concen: 1.122 ug/l
RT: 9.486 min Scan# 1295
Delta R.T. -0.018 min
Lab File: VN074036.D
Acq: 19 Aug 2022 19:06

Instrument :
MSVOA_N
ClientSampleId :
PB147119ZHE#07

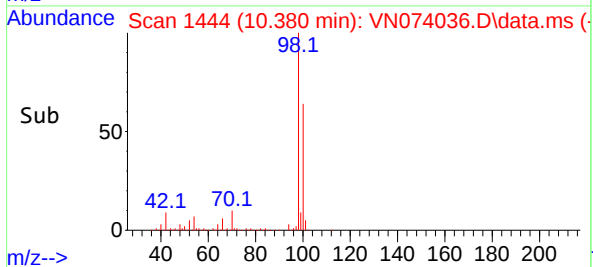
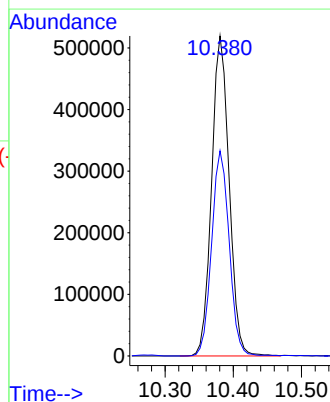
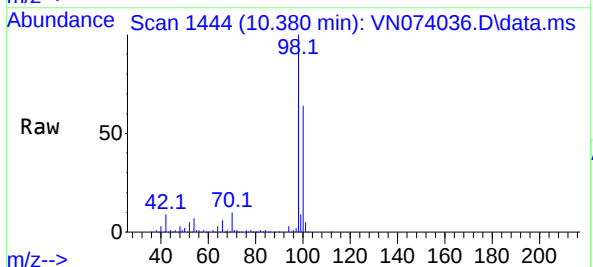


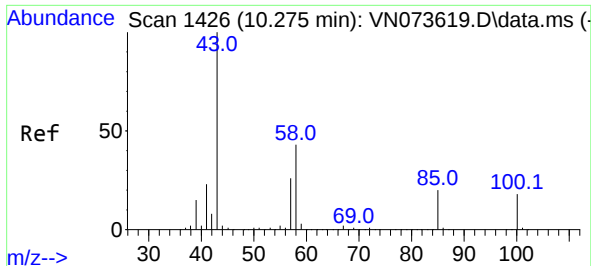
Tgt Ion: 88 Resp: 171
Ion Ratio Lower Upper
88 100
43 0.0 20.2 30.4#
58 4986.0 54.2 81.4#



#50
Toluene-d8
Concen: 48.053 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074036.D
Acq: 19 Aug 2022 19:06

Tgt Ion: 98 Resp: 930212
Ion Ratio Lower Upper
98 100
100 64.3 52.6 78.8

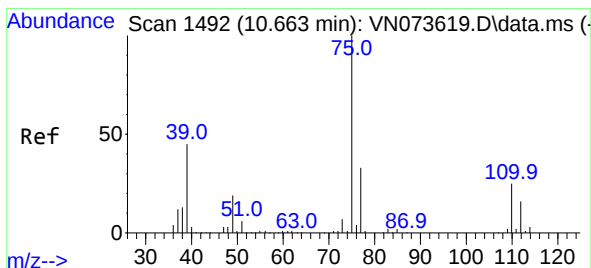
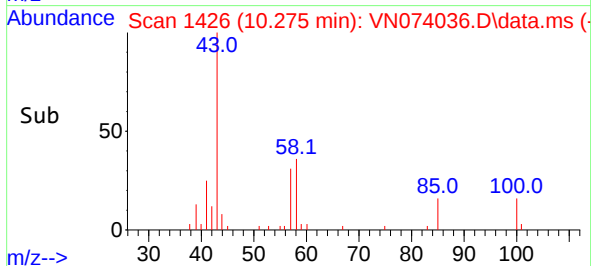
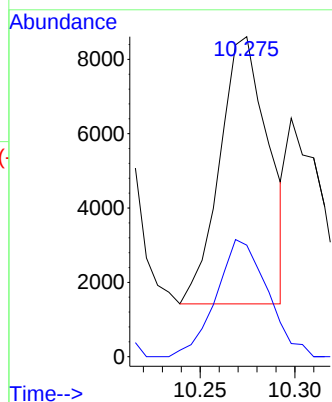
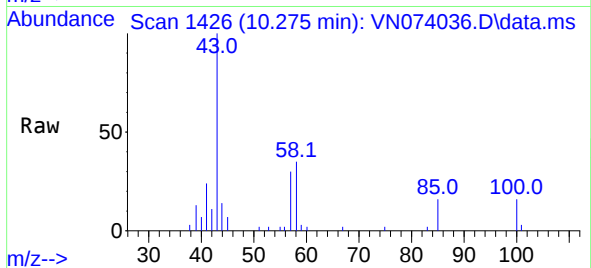




#51
4-Methyl-2-Pentanone
Concen: 1.582 ug/l
RT: 10.275 min Scan# 1426
Delta R.T. -0.000 min
Lab File: VN074036.D
Acq: 19 Aug 2022 19:06

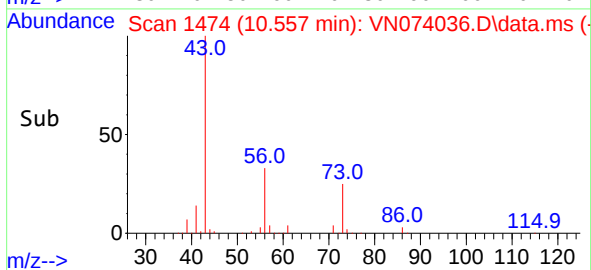
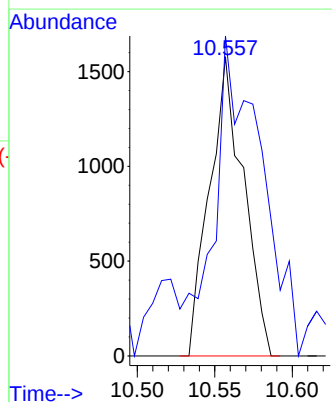
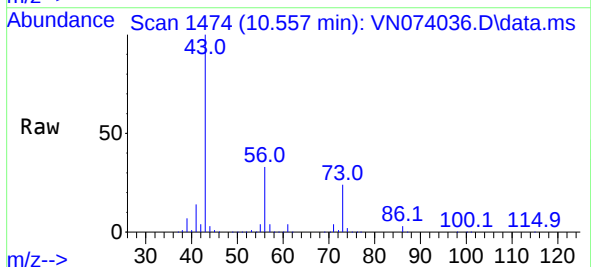
Instrument :
MSVOA_N
ClientSampleId :
PB147119ZHE#07

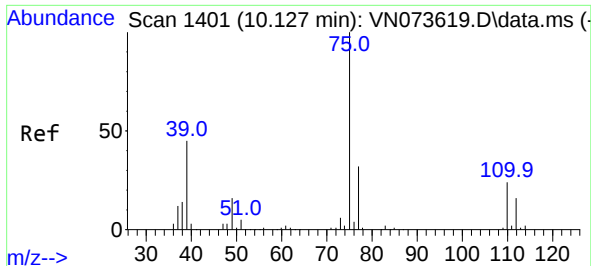
Tgt Ion: 43 Resp: 12814
Ion Ratio Lower Upper
43 100
58 46.3 34.1 51.1



#53
t-1,3-Dichloropropene
Concen: 0.300 ug/l
RT: 10.557 min Scan# 1474
Delta R.T. -0.106 min
Lab File: VN074036.D
Acq: 19 Aug 2022 19:06

Tgt Ion: 75 Resp: 2405
Ion Ratio Lower Upper
75 100
77 91.3 25.6 38.4#

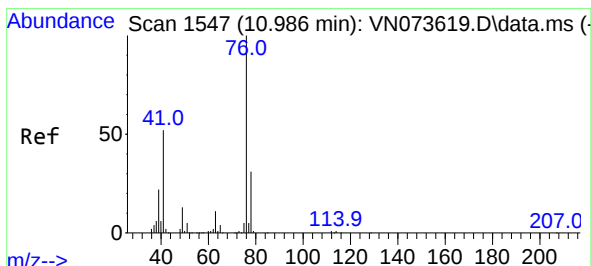
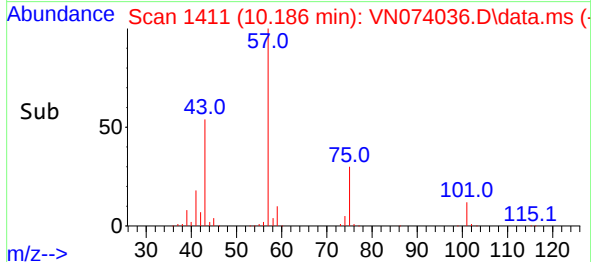
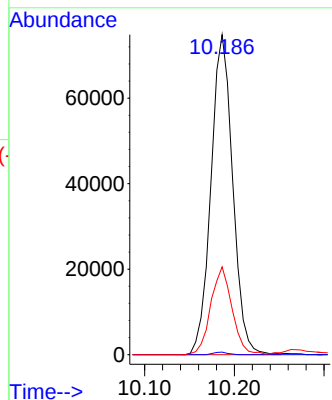
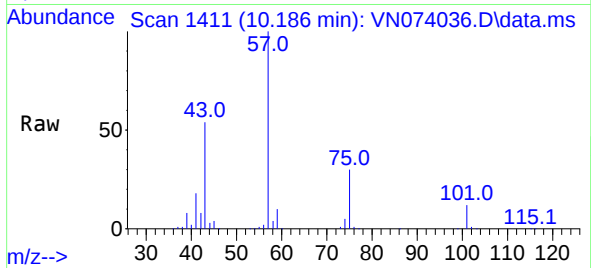




#54
cis-1,3-Dichloropropene
Concen: 14.365 ug/l
RT: 10.186 min Scan# 1411
Delta R.T. 0.059 min
Lab File: VN074036.D
Acq: 19 Aug 2022 19:06

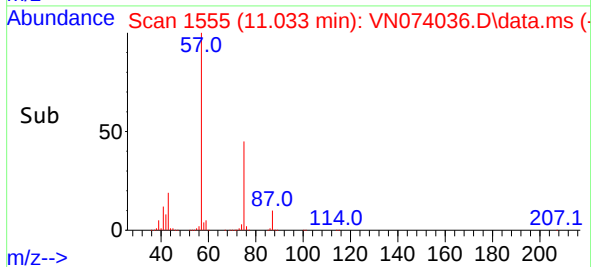
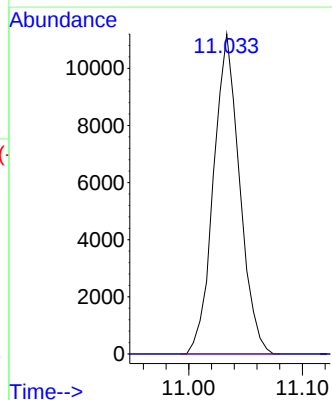
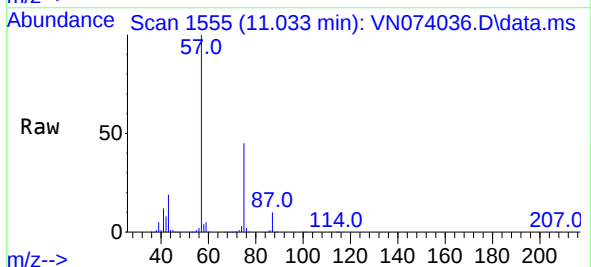
Instrument :
MSVOA_N
ClientSampleId :
PB147119ZHE#07

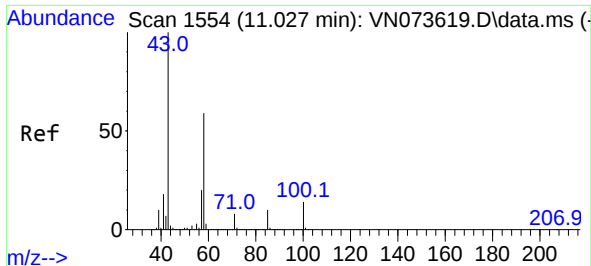
Tgt Ion: 75 Resp: 125867
Ion Ratio Lower Upper
75 100
77 0.8 25.2 37.8#
39 27.5 35.7 53.5#



#57
1,3-Dichloropropane
Concen: 1.881 ug/l
RT: 11.033 min Scan# 1555
Delta R.T. 0.047 min
Lab File: VN074036.D
Acq: 19 Aug 2022 19:06

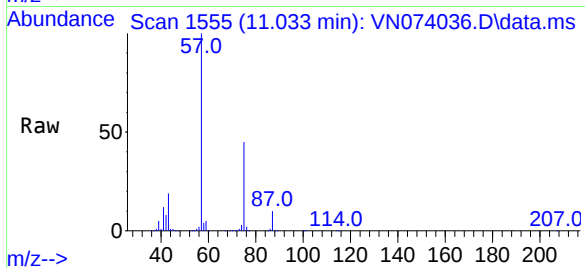
Tgt Ion: 76 Resp: 17873
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#



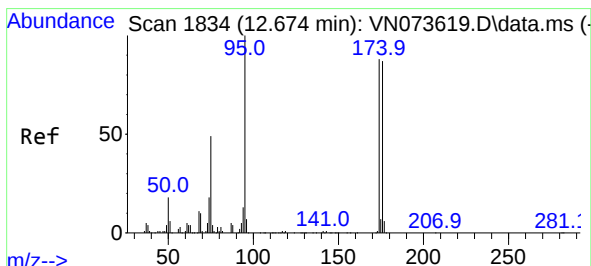
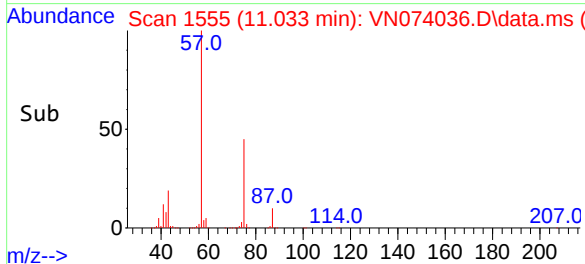
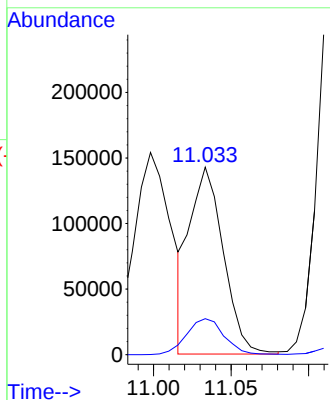


#59
2-Hexanone
Concen: 34.777 ug/l
RT: 11.033 min Scan# 1155
Delta R.T. 0.006 min
Lab File: VN074036.D
Acq: 19 Aug 2022 19:06

Instrument :
MSVOA_N
ClientSampleId :
PB147119ZHE#07

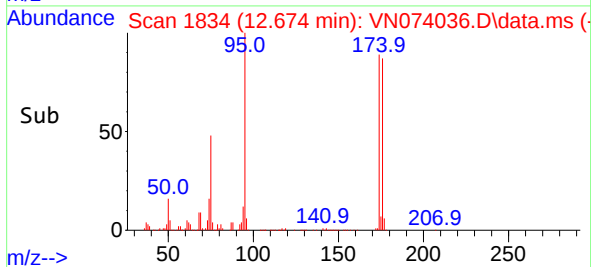
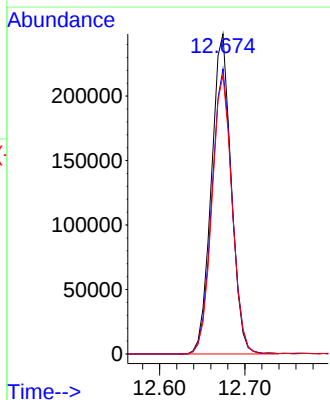
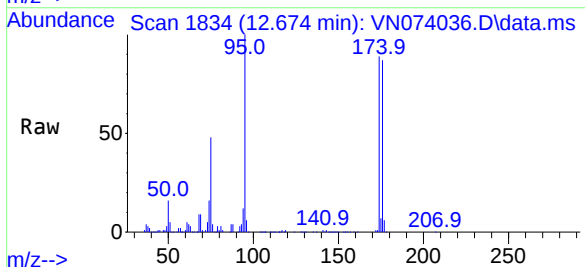


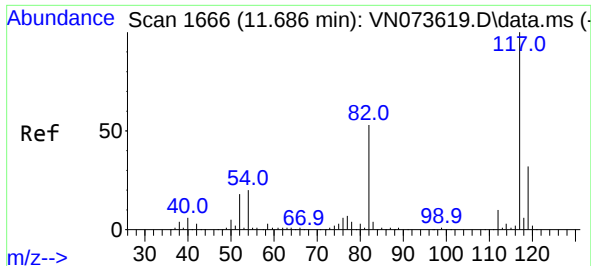
Tgt Ion: 43 Resp: 216817
Ion Ratio Lower Upper
43 100
58 21.5 29.7 89.1#



#62
4-Bromofluorobenzene
Concen: 62.482 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074036.D
Acq: 19 Aug 2022 19:06

Tgt Ion: 95 Resp: 401419
Ion Ratio Lower Upper
95 100
174 90.8 0.0 167.6
176 88.2 0.0 163.4

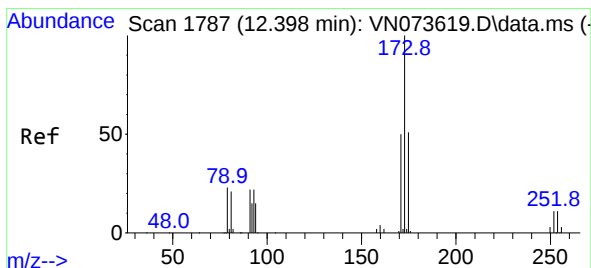
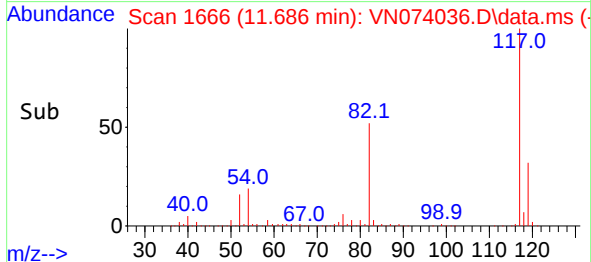
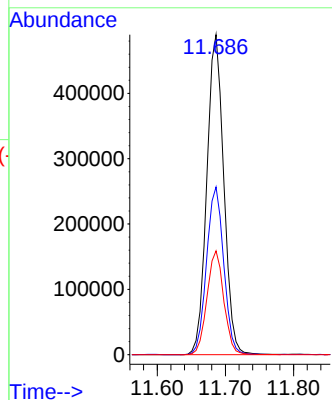
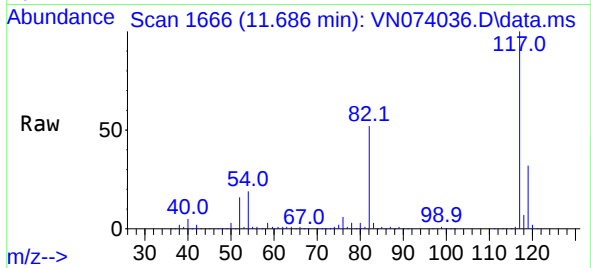




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN074036.D
Acq: 19 Aug 2022 19:06

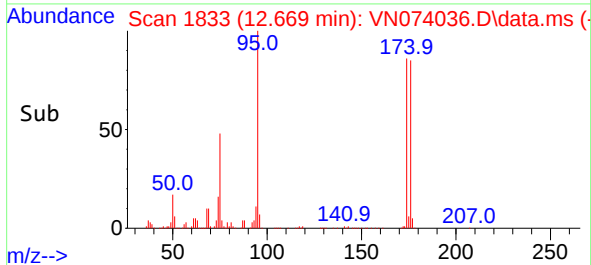
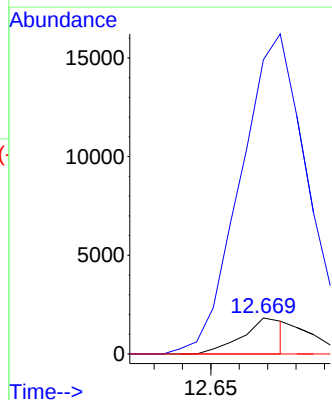
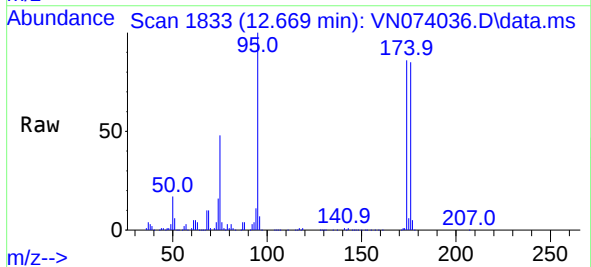
Instrument :
MSVOA_N
ClientSampleId :
PB147119ZHE#07

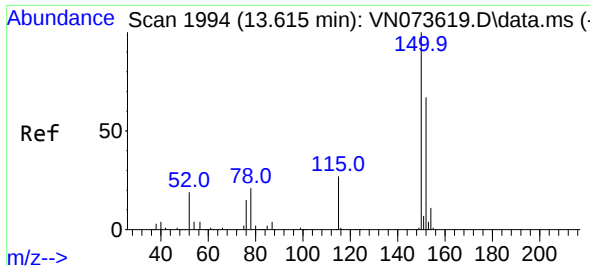
Tgt Ion:117 Resp: 849061
Ion Ratio Lower Upper
117 100
82 52.4 44.2 66.2
119 32.5 25.4 38.0



#71
Bromoform
Concen: 0.306 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.271 min
Lab File: VN074036.D
Acq: 19 Aug 2022 19:06

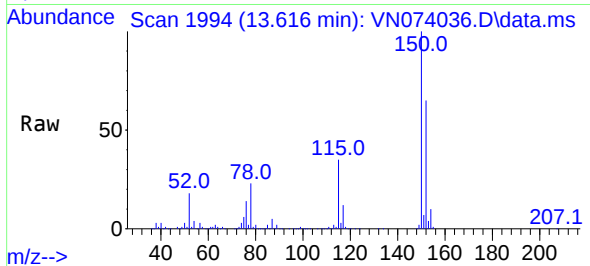
Tgt Ion:173 Resp: 1869
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#



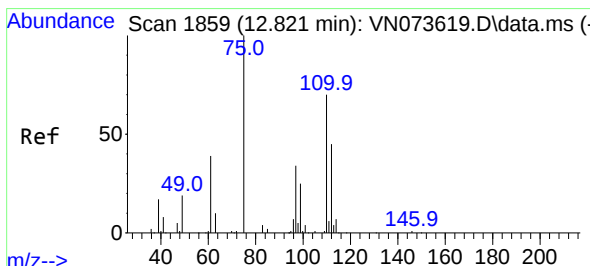
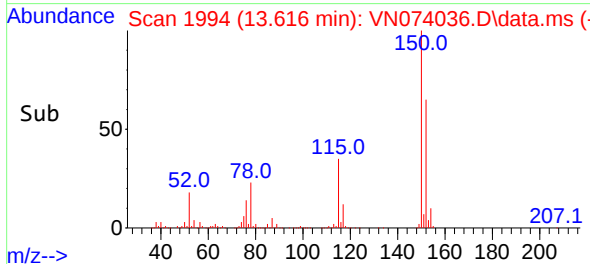
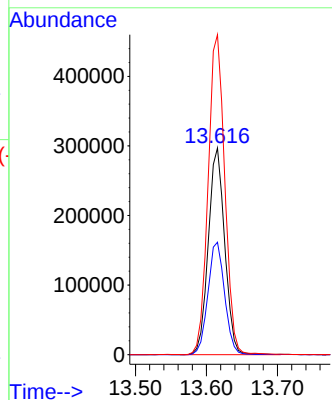


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.001 min
Lab File: VN074036.D
Acq: 19 Aug 2022 19:06

Instrument :
MSVOA_N
ClientSampleId :
PB147119ZHE#07

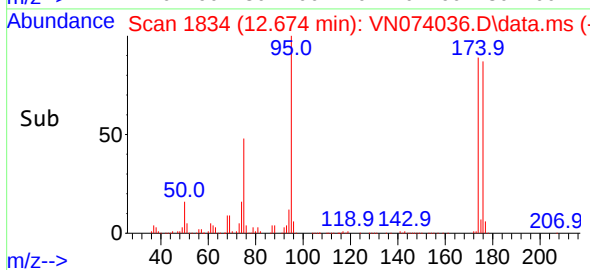
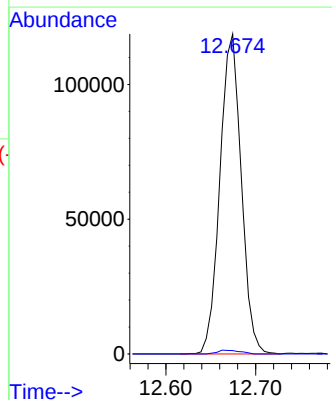
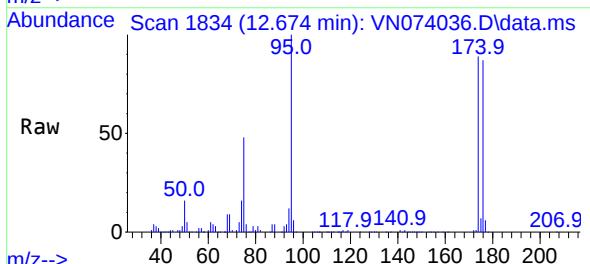


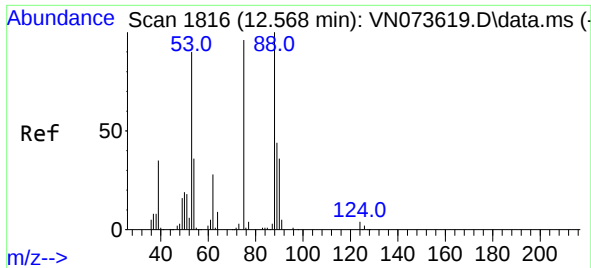
Tgt Ion:152 Resp: 477152
Ion Ratio Lower Upper
152 100
115 55.5 28.9 86.7
150 157.4 0.0 356.2



#76
1,2,3-Trichloropropane
Concen: 19.778 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.147 min
Lab File: VN074036.D
Acq: 19 Aug 2022 19:06

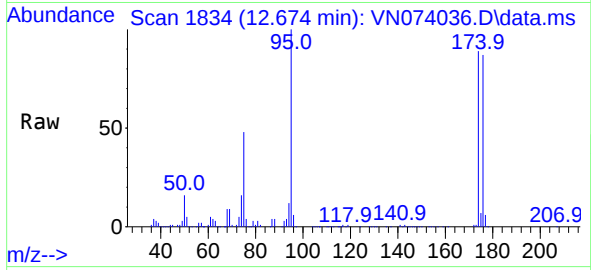
Tgt Ion: 75 Resp: 196148
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 56.252 ug/l
RT: 12.674 min Scan# 1816
Delta R.T. 0.106 min
Lab File: VN074036.D
Acq: 19 Aug 2022 19:06

Instrument :
MSVOA_N
ClientSampleId :
PB147119ZHE#07



Tgt Ion: 75 Resp: 196148
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#

