

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012423\
 Data File : VX033870.D
 Acq On : 24 Jan 2023 16:21
 Operator : JC/MD
 Sample : 01260-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-26

Quant Time: Jan 25 03:18:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

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

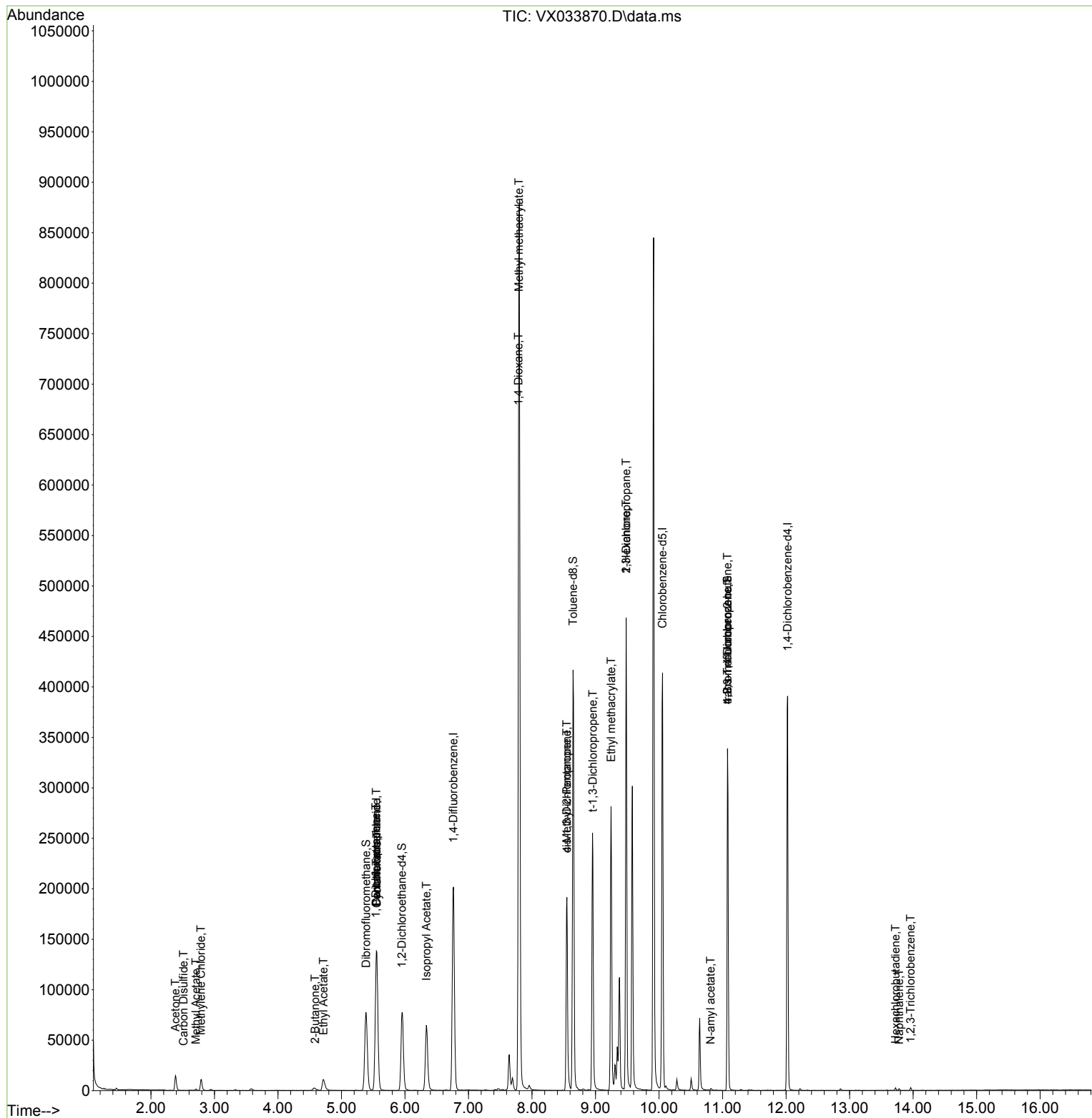
Internal Standards						
1) Pentafluorobenzene	5.550	168	152894	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	223564	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	198508	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94670	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	74855	46.499	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.000%
35) Dibromofluoromethane	5.385	113	68075	49.038	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.080%
50) Toluene-d8	8.647	98	255552	50.524	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.040%
62) 4-Bromofluorobenzene	11.079	95	88436	47.092	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.180%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	17410	18.276	ug/l	93
17) Carbon Disulfide	2.514	76	220	1.890	ug/l #	76
18) Methyl Acetate	2.709	43	1543	0.687	ug/l	93
20) Methylene Chloride	2.788	84	5454	1.465	ug/l	93
25) 2-Butanone	4.587	43	2377	2.260	ug/l	92
31) Cyclohexane	5.556	56	2342	0.989	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	9251	4.566	ug/l #	48
37) Ethyl Acetate	4.715	43	20276	8.093	ug/l	98
38) Carbon Tetrachloride	5.550	117	12879	6.138	ug/l #	15
43) Isopropyl Acetate	6.336	43	88703	27.733	ug/l	99
48) Methyl methacrylate	7.793	41	74640	46.326	ug/l #	44
49) 1,4-Dioxane	7.787	88	27	0.758	ug/l #	14
51) 4-Methyl-2-Pentanone	8.549	43	66801	34.007	ug/l #	51
53) t-1,3-Dichloropropene	8.958	75	603	0.303	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	32279	14.465	ug/l #	60
56) Ethyl methacrylate	9.244	69	581	0.273	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	4036	1.649	ug/l #	43
59) 2-Hexanone	9.482	43	54878	40.139	ug/l #	50
73) Isopropylbenzene	10.963	105	229	Below Cal	#	48
74) N-amyl acetate	10.811	43	791	0.318	ug/l #	42
76) 1,2,3-Trichloropropane	11.079	75	40890	23.508	ug/l #	34
79) 2-Chlorotoluene	11.372	91	67	Below Cal	#	39
81) trans-1,4-Dichloro-2-b...	11.079	75	40890	73.060	ug/l #	8
82) 4-Chlorotoluene	11.463	91	348	Below Cal	#	69
94) Hexachlorobutadiene	13.725	225	532	0.522	ug/l	95
95) Naphthalene	13.780	128	1477	0.247	ug/l #	95
96) 1,2,3-Trichlorobenzene	13.963	180	867	0.417	ug/l	94

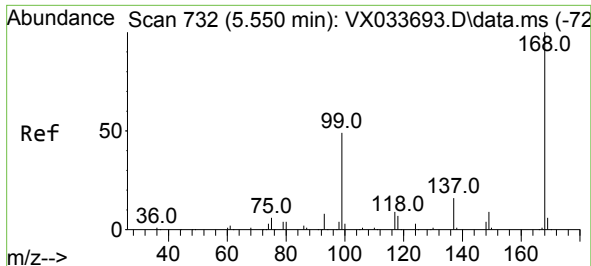
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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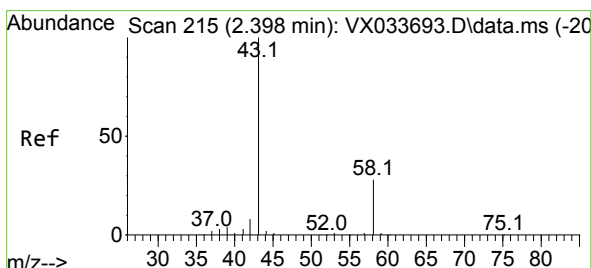
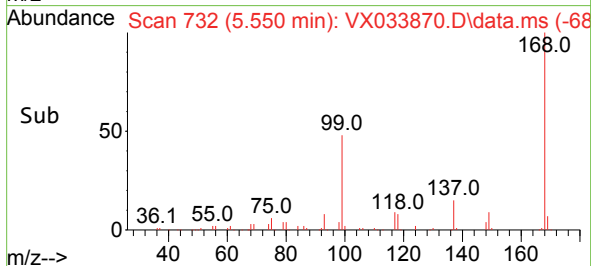
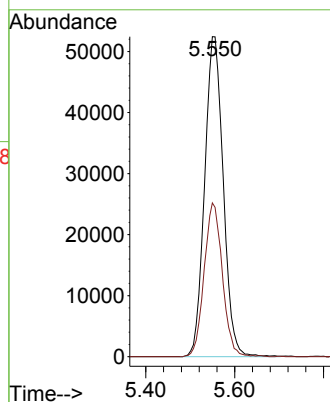
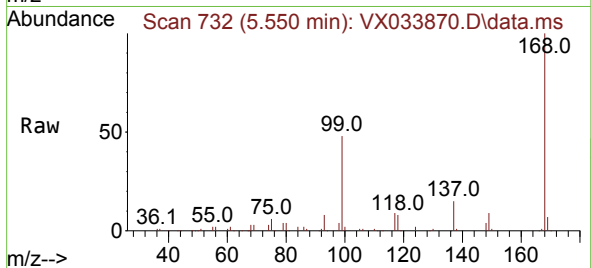




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033870.D
Acq: 24 Jan 2023 16:21

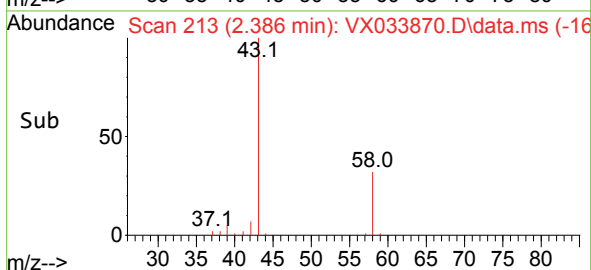
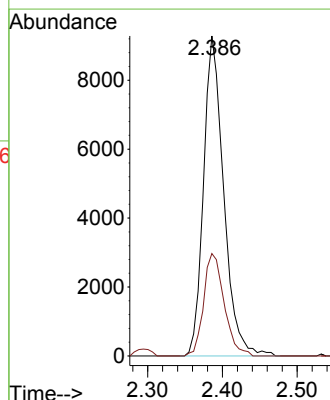
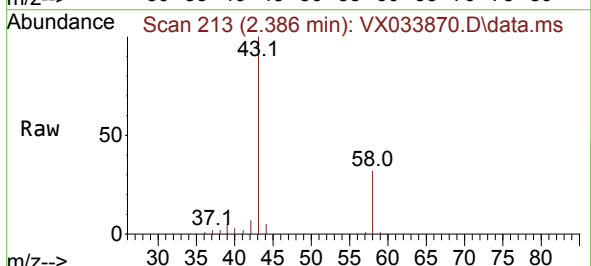
Instrument :
MSVOA_X
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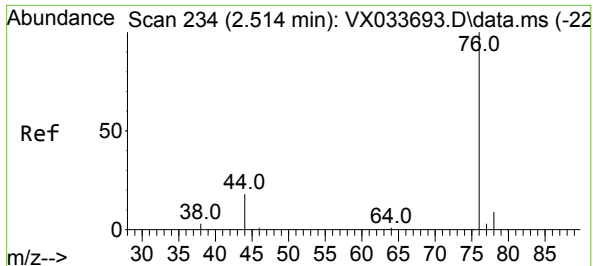
Tgt Ion:168 Resp: 152894
Ion Ratio Lower Upper
168 100
99 48.1 39.6 59.4



#16
Acetone
Concen: 18.276 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.012 min
Lab File: VX033870.D
Acq: 24 Jan 2023 16:21

Tgt Ion: 43 Resp: 17410
Ion Ratio Lower Upper
43 100
58 32.0 22.6 33.8

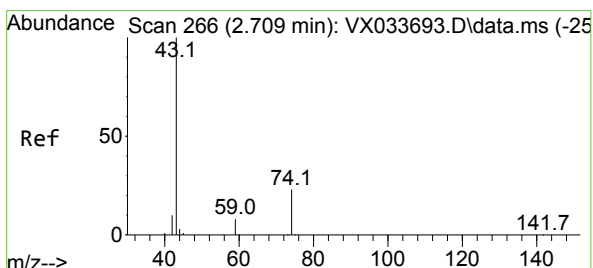
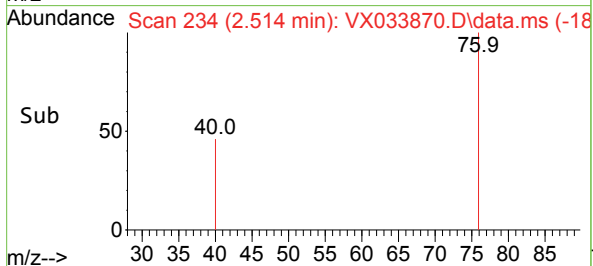
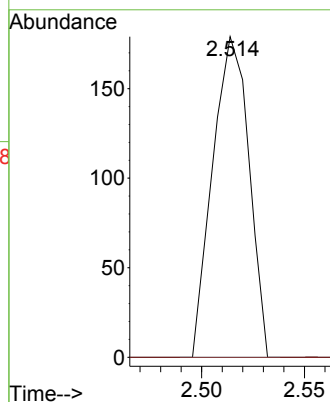
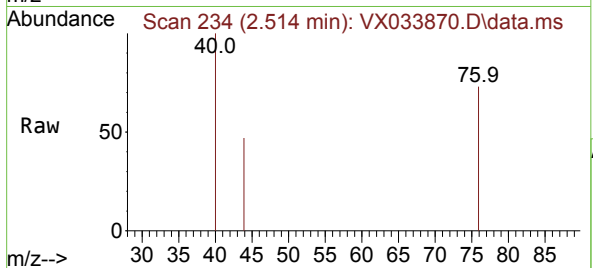




#17
Carbon Disulfide
Concen: 1.890 ug/l
RT: 2.514 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX033870.D
Acq: 24 Jan 2023 16:21

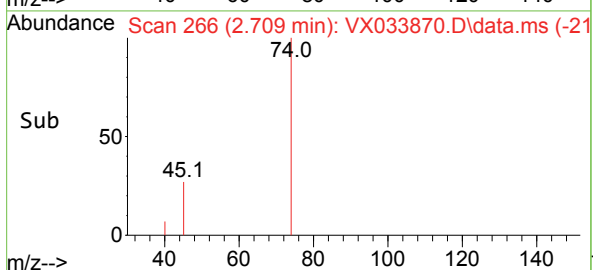
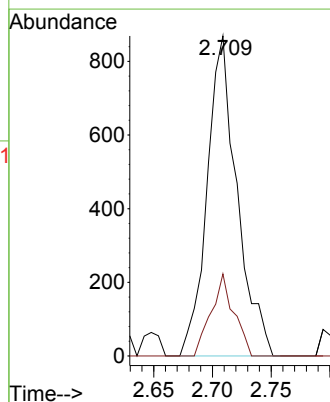
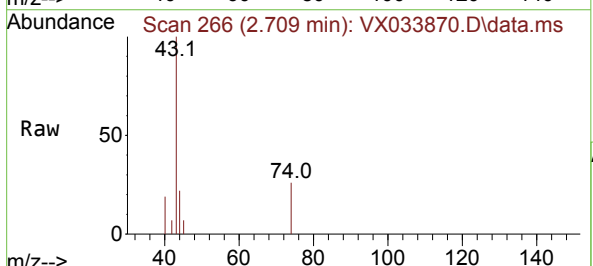
Instrument :
MSVOA_X
ClientSampleId :
TP-26

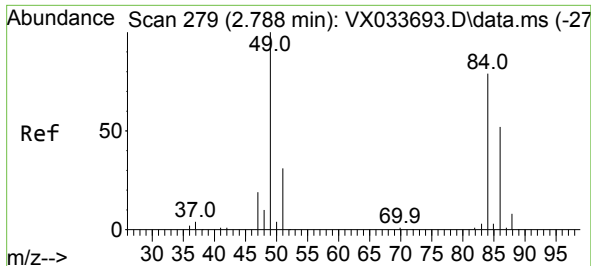
Tgt Ion: 76 Resp: 220
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



#18
Methyl Acetate
Concen: 0.687 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX033870.D
Acq: 24 Jan 2023 16:21

Tgt Ion: 43 Resp: 1543
Ion Ratio Lower Upper
43 100
74 19.5 18.2 27.4

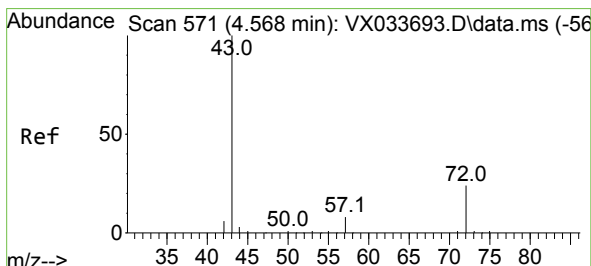
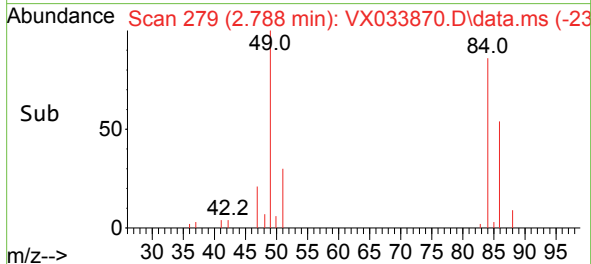
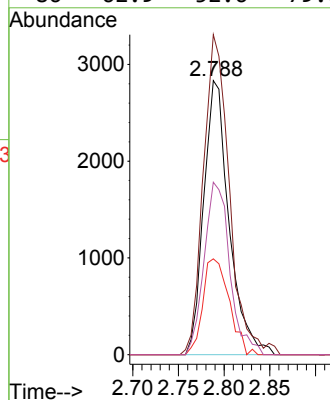
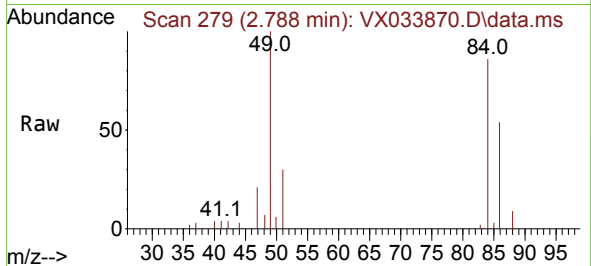




#20
Methylene Chloride
Concen: 1.465 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX033870.D
Acq: 24 Jan 2023 16:21

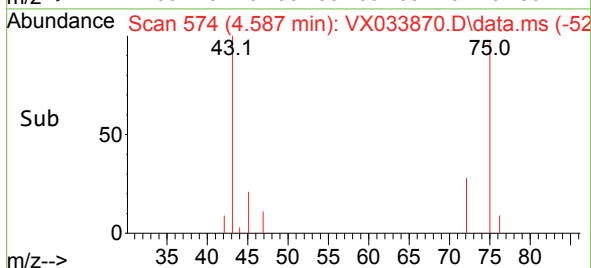
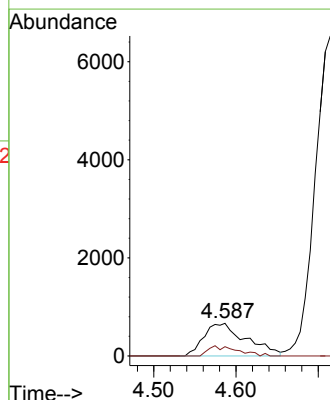
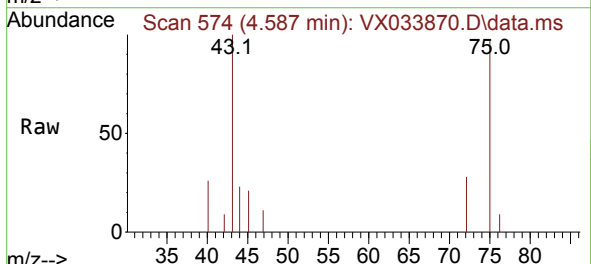
Instrument :
MSVOA_X
ClientSampleId :
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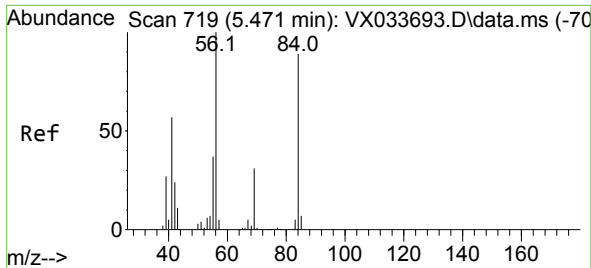
Tgt Ion:	84	Resp:	5454
Ion	Ratio	Lower	Upper
84	100		
49	116.7	101.1	151.7
51	34.9	31.0	46.6
86	62.9	52.6	79.0



#25
2-Butanone
Concen: 2.260 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.018 min
Lab File: VX033870.D
Acq: 24 Jan 2023 16:21

Tgt Ion:	43	Resp:	2377
Ion	Ratio	Lower	Upper
43	100		
72	28.4	19.4	29.2

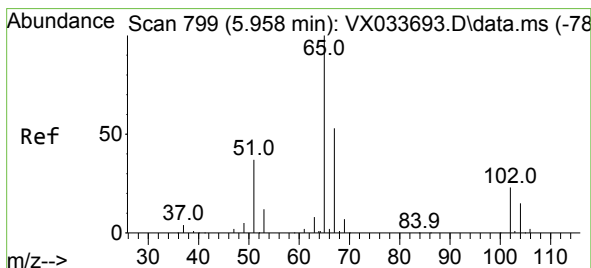
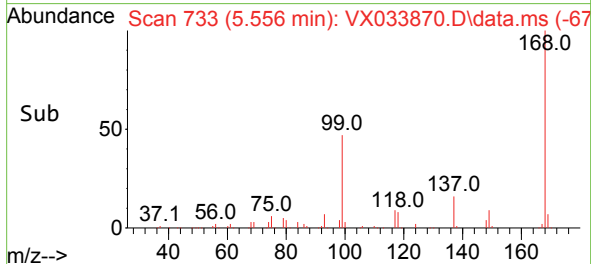
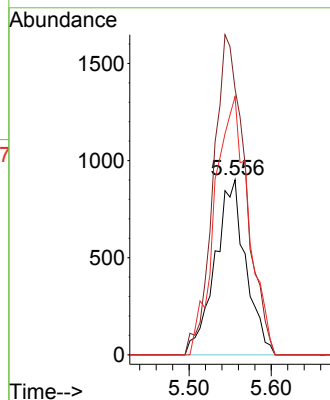
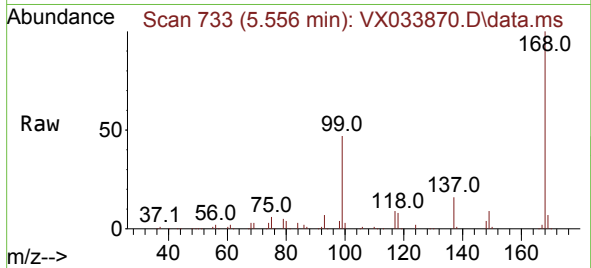




#31
Cyclohexane
Concen: 0.989 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX033870.D
Acq: 24 Jan 2023 16:21

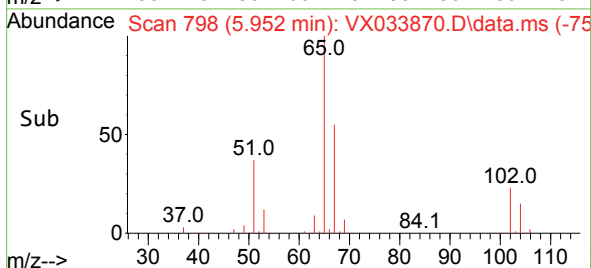
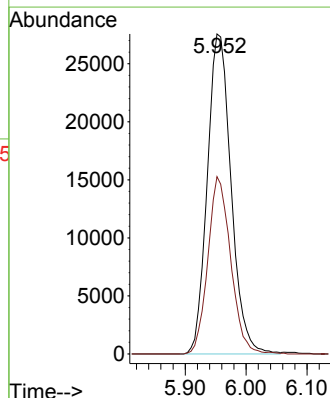
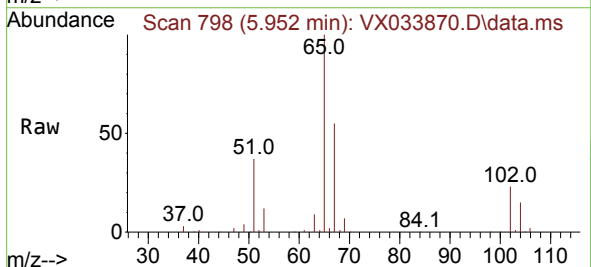
Instrument :
MSVOA_X
ClientSampleId :
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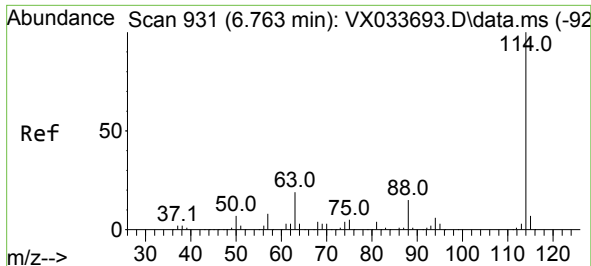
Tgt Ion: 56 Resp: 2342
Ion Ratio Lower Upper
56 100
69 151.8 24.6 37.0#
84 147.6 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 46.499 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX033870.D
Acq: 24 Jan 2023 16:21

Tgt Ion: 65 Resp: 74855
Ion Ratio Lower Upper
65 100
67 53.2 0.0 104.8

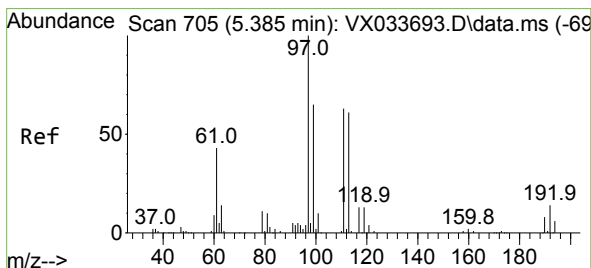
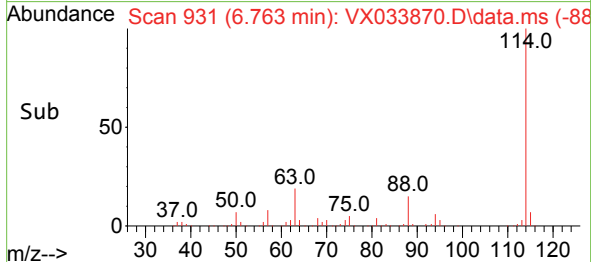
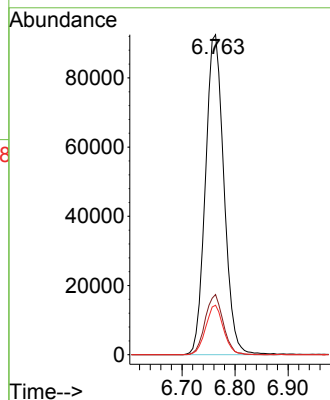
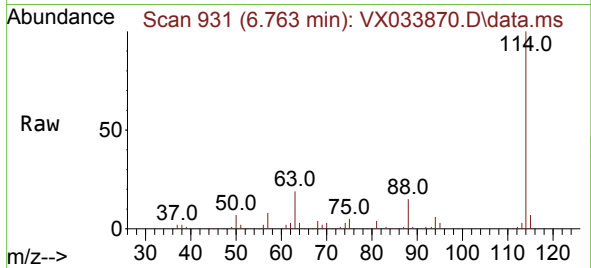




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX033870.D
Acq: 24 Jan 2023 16:21

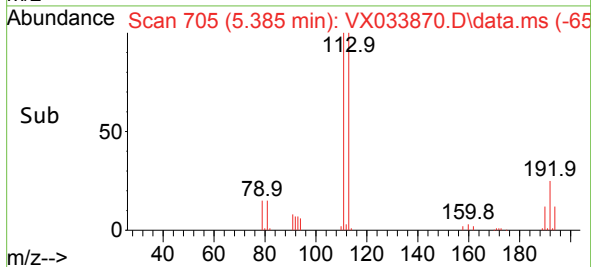
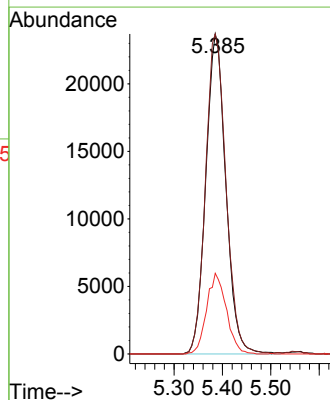
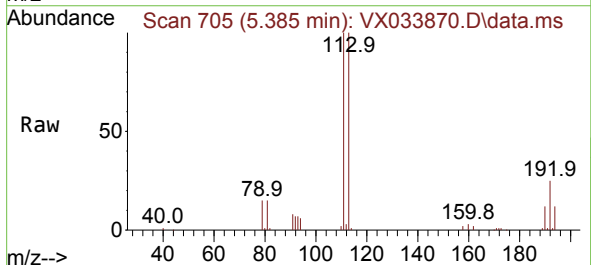
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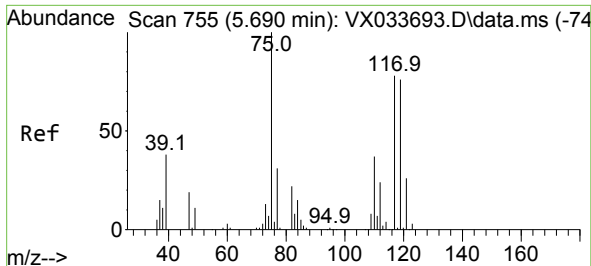
Tgt Ion:114 Resp: 223564
Ion Ratio Lower Upper
114 100
63 18.8 0.0 37.4
88 15.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.038 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033870.D
Acq: 24 Jan 2023 16:21

Tgt Ion:113 Resp: 68075
Ion Ratio Lower Upper
113 100
111 101.9 83.0 124.6
192 24.8 19.0 28.4

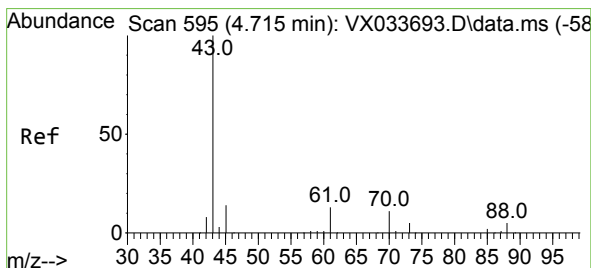
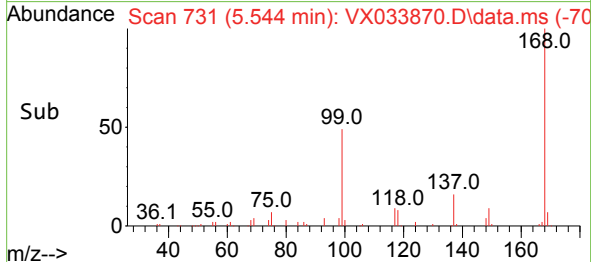
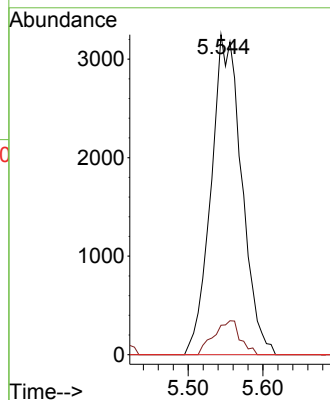
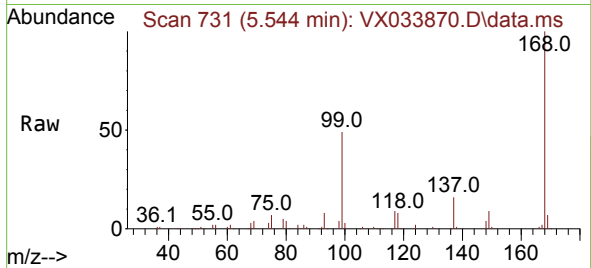




#36
1,1-Dichloropropene
Concen: 4.566 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX033870.D
Acq: 24 Jan 2023 16:21

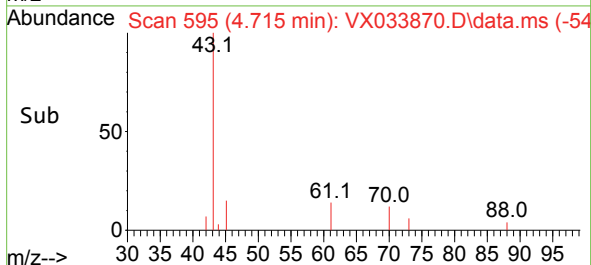
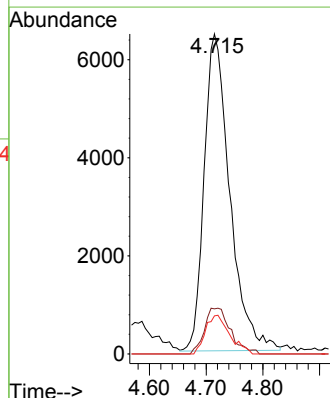
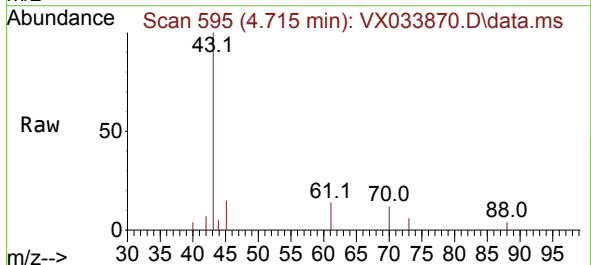
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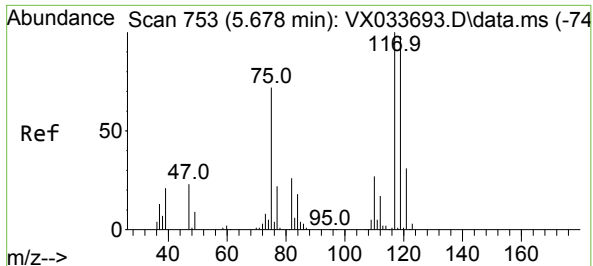
Tgt Ion: 75 Resp: 9251
Ion Ratio Lower Upper
75 100
110 9.2 18.8 56.4#
77 0.0 25.1 37.7#



#37
Ethyl Acetate
Concen: 8.093 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX033870.D
Acq: 24 Jan 2023 16:21

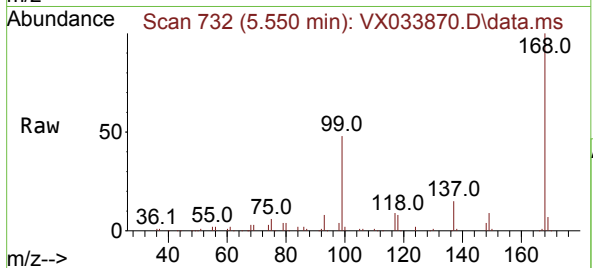
Tgt Ion: 43 Resp: 20276
Ion Ratio Lower Upper
43 100
61 14.6 11.1 16.7
70 11.5 8.5 12.7



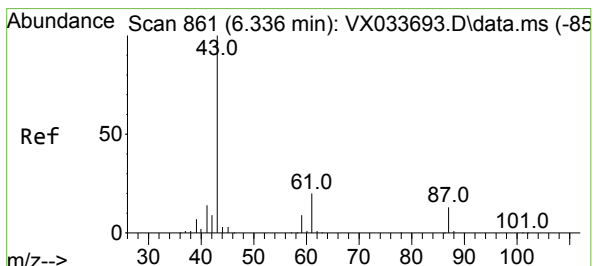
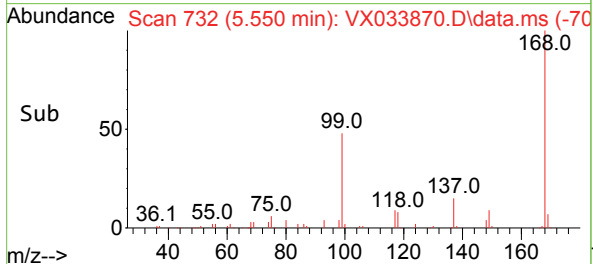
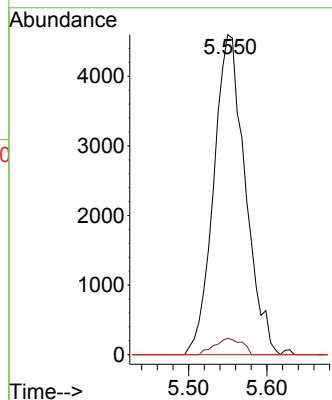


#38
Carbon Tetrachloride
Concen: 6.138 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX033870.D
Acq: 24 Jan 2023 16:21

Instrument :
MSVOA_X
ClientSampleId :
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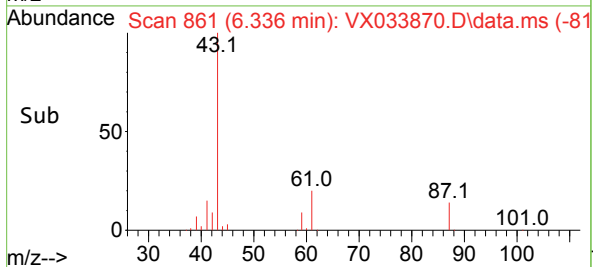
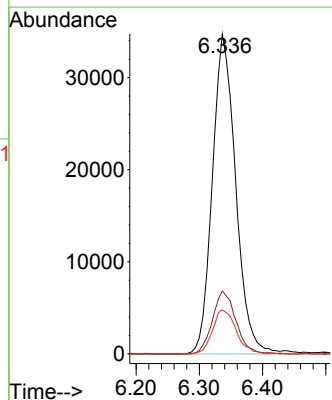
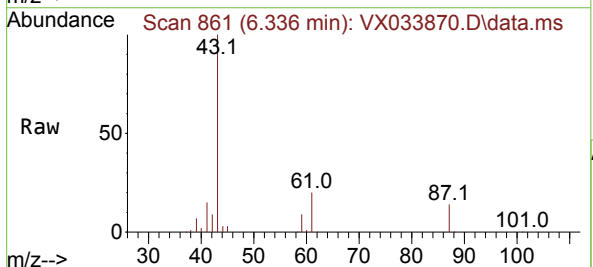


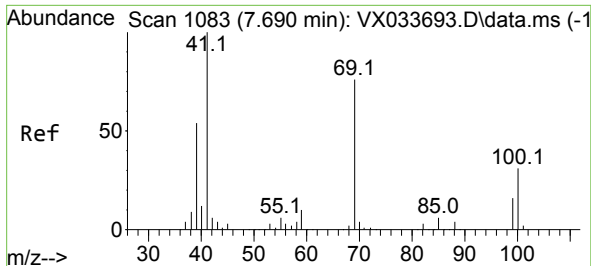
Tgt Ion:117 Resp: 12879
Ion Ratio Lower Upper
117 100
119 5.2 78.0 117.0#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 27.733 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX033870.D
Acq: 24 Jan 2023 16:21

Tgt Ion: 43 Resp: 88703
Ion Ratio Lower Upper
43 100
61 19.9 15.7 23.5
87 14.0 10.6 15.8





#48

Methyl methacrylate

Concen: 46.326 ug/l

RT: 7.793 min Scan# 1100

Delta R.T. 0.104 min

Lab File: VX033870.D

Acq: 24 Jan 2023 16:21

Instrument :

MSVOA_X

ClientSampleId :

TP-26

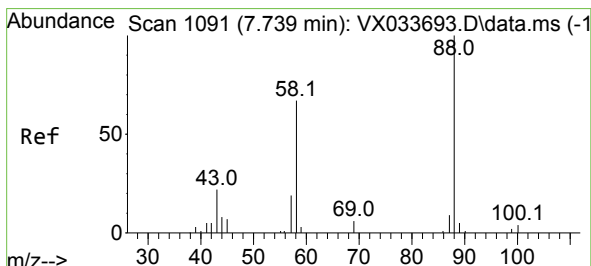
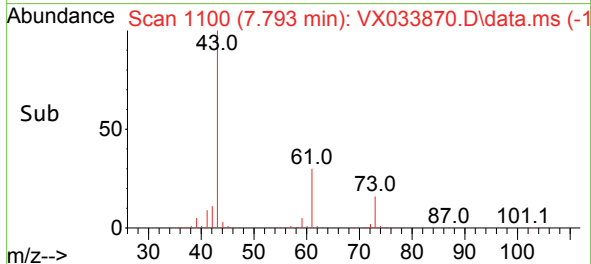
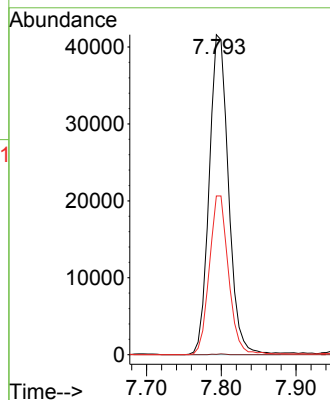
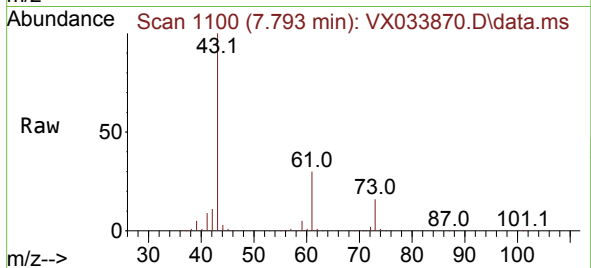
Tgt Ion: 41 Resp: 74640

Ion Ratio Lower Upper

41 100

69 0.1 63.1 94.7#

39 49.3 43.2 64.8



#49

1,4-Dioxane

Concen: 0.758 ug/l

RT: 7.787 min Scan# 1099

Delta R.T. 0.049 min

Lab File: VX033870.D

Acq: 24 Jan 2023 16:21

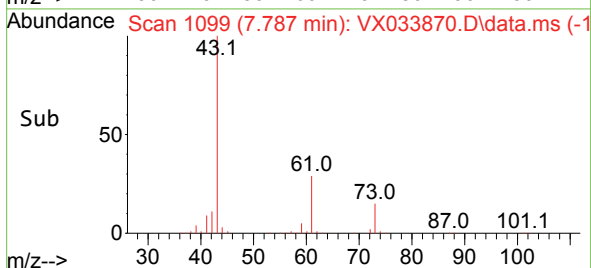
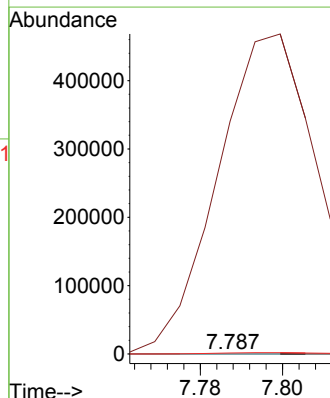
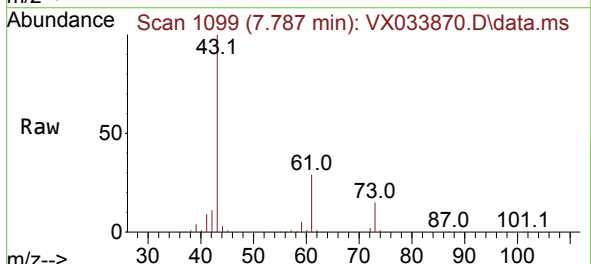
Tgt Ion: 88 Resp: 27

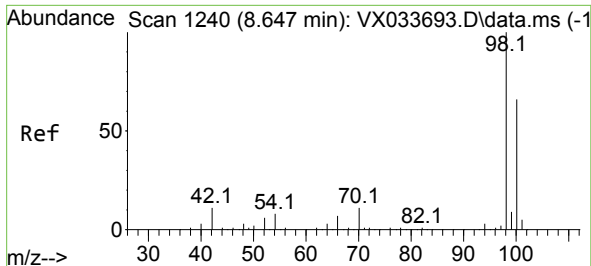
Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 0.0 56.5 84.7#

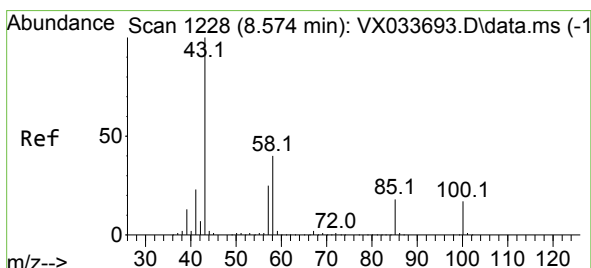
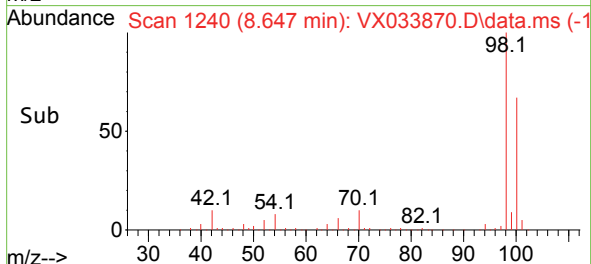
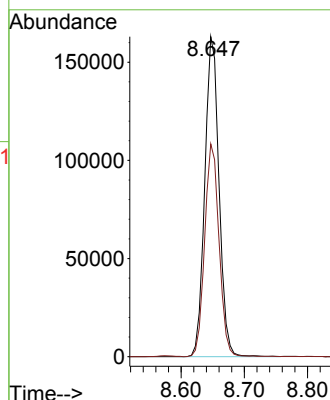
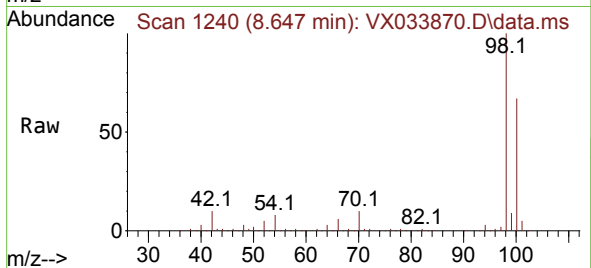




#50
Toluene-d8
Concen: 50.524 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033870.D
Acq: 24 Jan 2023 16:21

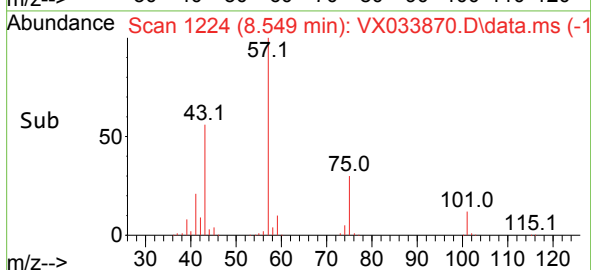
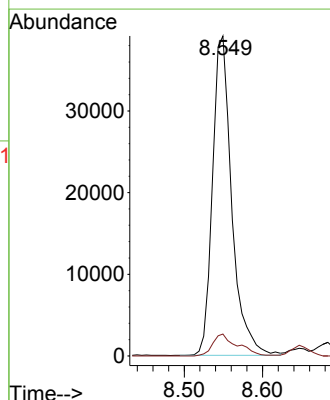
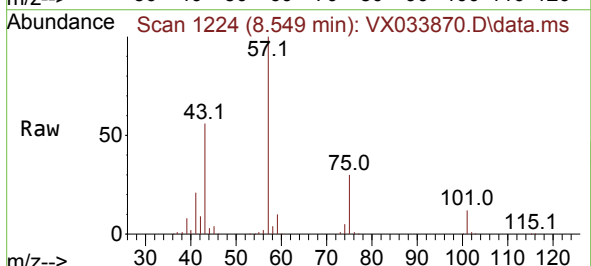
Instrument :
MSVOA_X
ClientSampleId :
TP-26

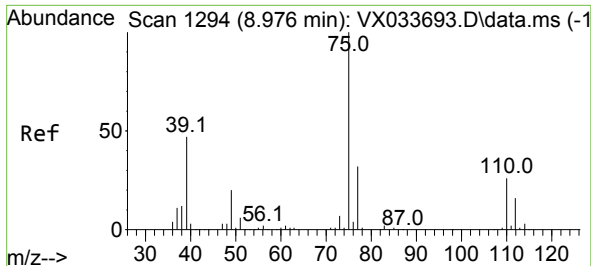
Tgt Ion: 98 Resp: 255552
Ion Ratio Lower Upper
98 100
100 67.2 53.6 80.4



#51
4-Methyl-2-Pentanone
Concen: 34.007 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX033870.D
Acq: 24 Jan 2023 16:21

Tgt Ion: 43 Resp: 66801
Ion Ratio Lower Upper
43 100
58 8.8 31.2 46.8#

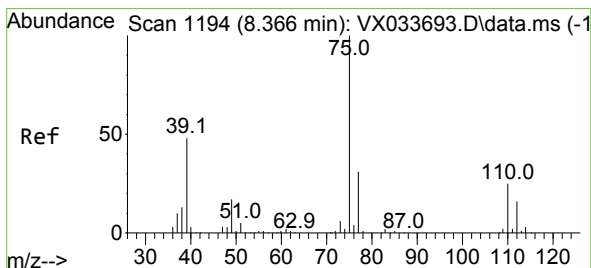
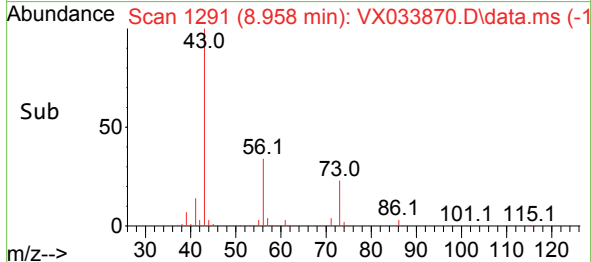
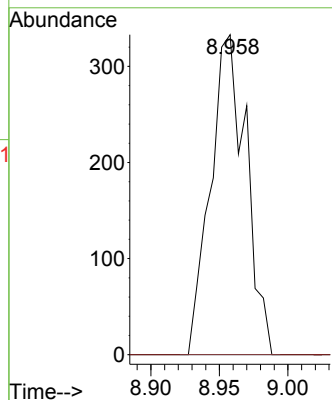
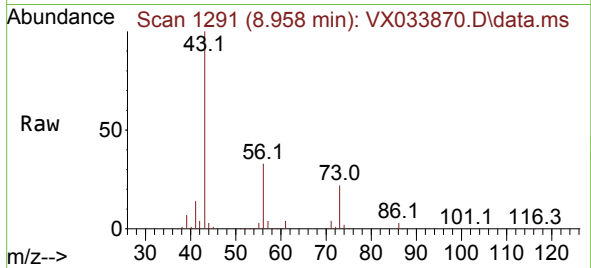




#53
 t-1,3-Dichloropropene
 Concen: 0.303 ug/l
 RT: 8.958 min Scan# 11
 Delta R.T. -0.018 min
 Lab File: VX033870.D
 Acq: 24 Jan 2023 16:21

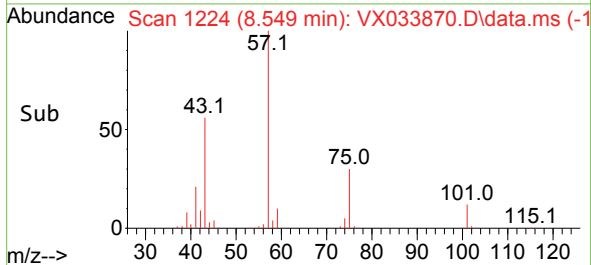
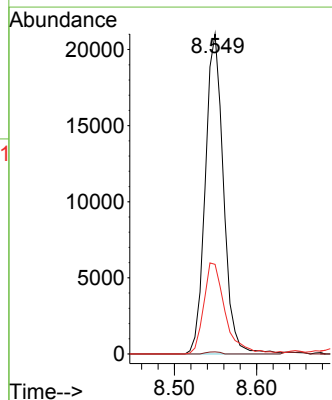
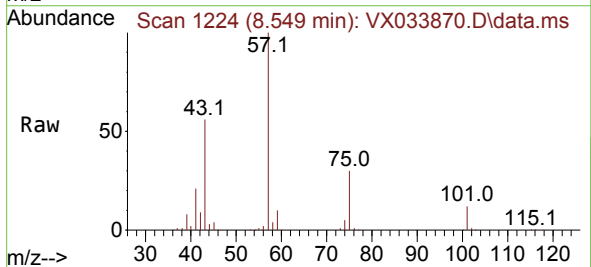
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-26

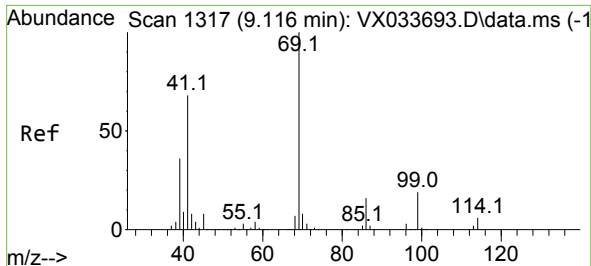
Tgt Ion: 75 Resp: 603
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.5 38.3#



#54
 cis-1,3-Dichloropropene
 Concen: 14.465 ug/l
 RT: 8.549 min Scan# 1224
 Delta R.T. 0.183 min
 Lab File: VX033870.D
 Acq: 24 Jan 2023 16:21

Tgt Ion: 75 Resp: 32279
 Ion Ratio Lower Upper
 75 100
 77 0.6 25.0 37.6#
 39 28.0 38.6 58.0#

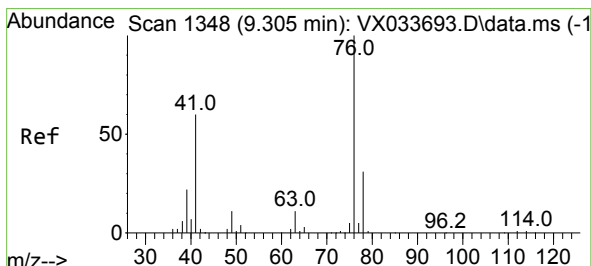
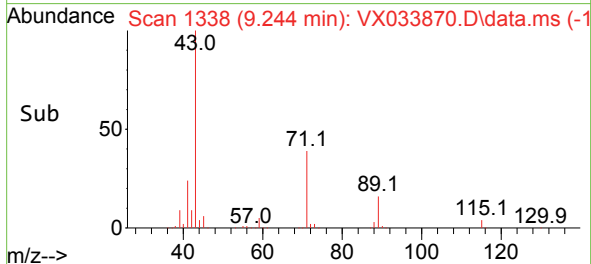
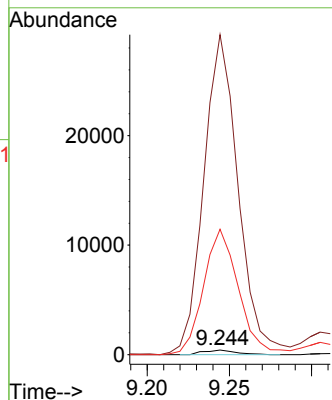
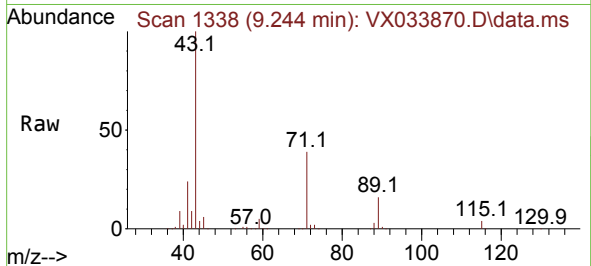




#56
Ethyl methacrylate
Concen: 0.273 ug/l
RT: 9.244 min Scan# 11
Delta R.T. 0.128 min
Lab File: VX033870.D
Acq: 24 Jan 2023 16:21

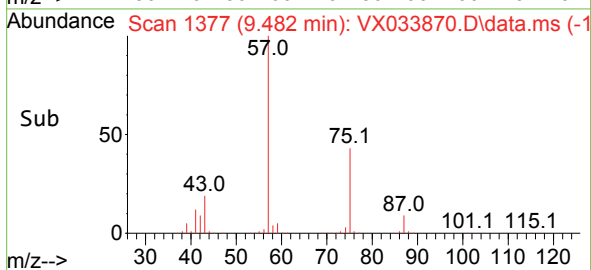
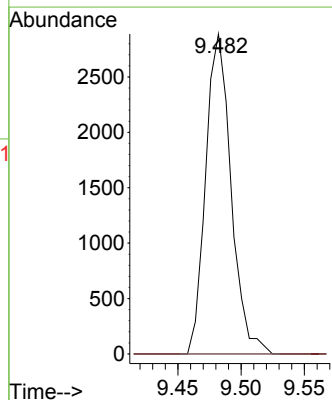
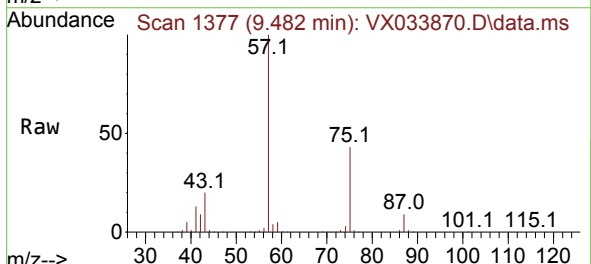
Instrument :
MSVOA_X
ClientSampleId :
TP-26

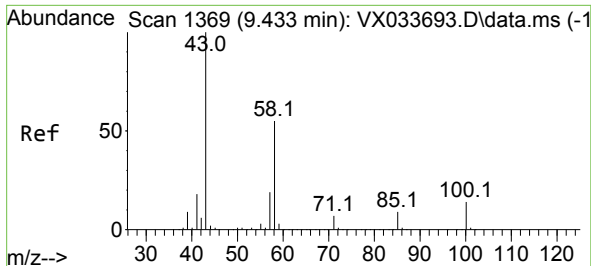
Tgt Ion: 69 Resp: 581
Ion Ratio Lower Upper
69 100
41 7273.3 55.1 82.7#
39 2924.6 28.5 42.7#



#57
1,3-Dichloropropane
Concen: 1.649 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.177 min
Lab File: VX033870.D
Acq: 24 Jan 2023 16:21

Tgt Ion: 76 Resp: 4036
Ion Ratio Lower Upper
76 100
78 0.0 25.6 38.4#





#59

2-Hexanone

Concen: 40.139 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.049 min

Lab File: VX033870.D

Acq: 24 Jan 2023 16:21

Instrument :

MSVOA_X

ClientSampleId :

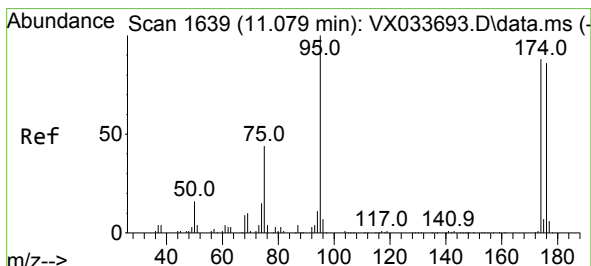
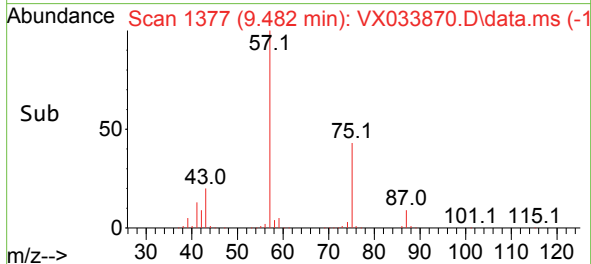
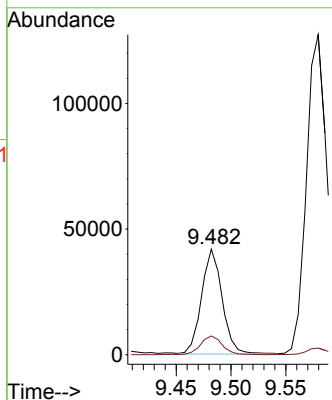
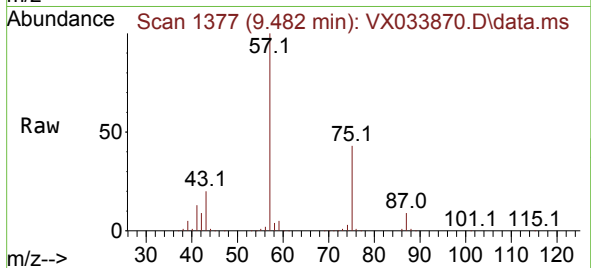
TP-26

Tgt Ion: 43 Resp: 54878

Ion Ratio Lower Upper

43 100

58 18.8 27.4 82.0#



#62

4-Bromofluorobenzene

Concen: 47.092 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX033870.D

Acq: 24 Jan 2023 16:21

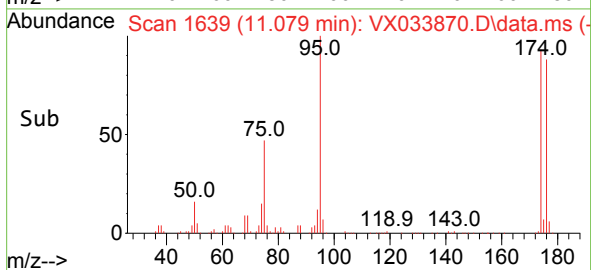
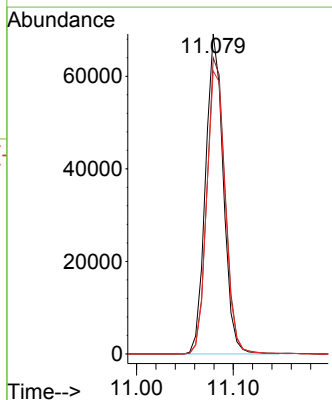
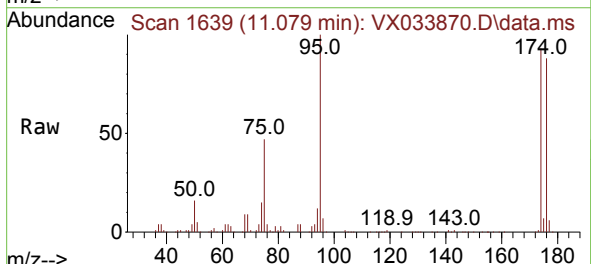
Tgt Ion: 95 Resp: 88436

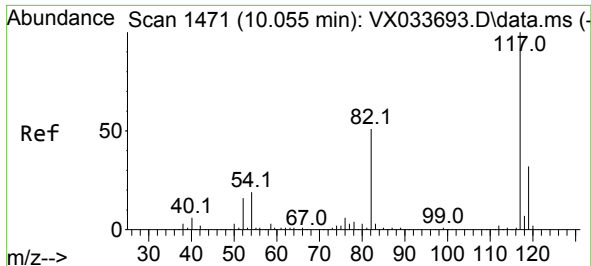
Ion Ratio Lower Upper

95 100

174 95.4 0.0 184.4

176 92.5 0.0 178.8

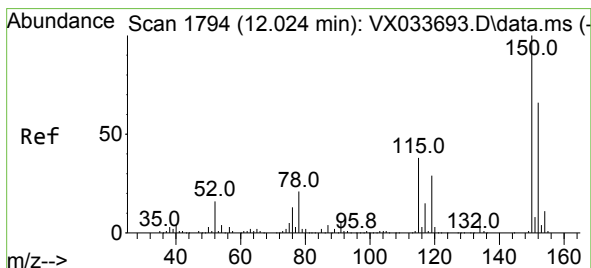
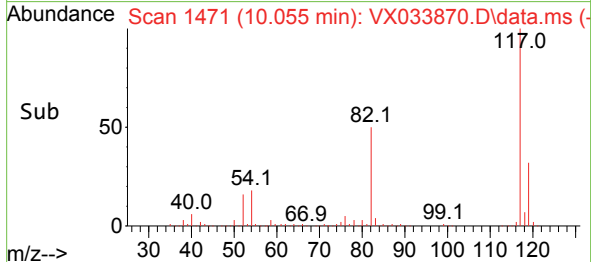
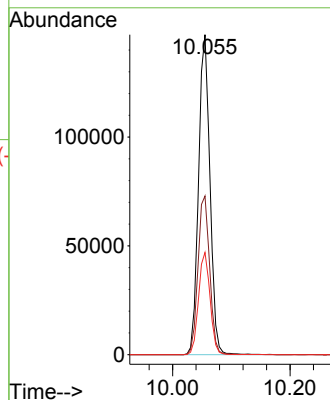
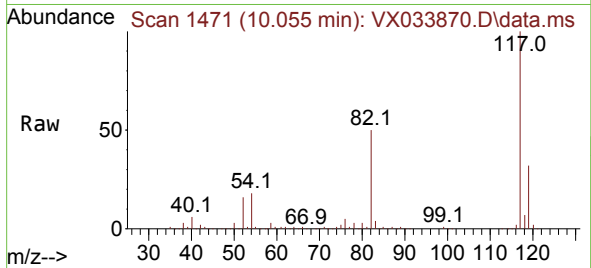




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033870.D
Acq: 24 Jan 2023 16:21

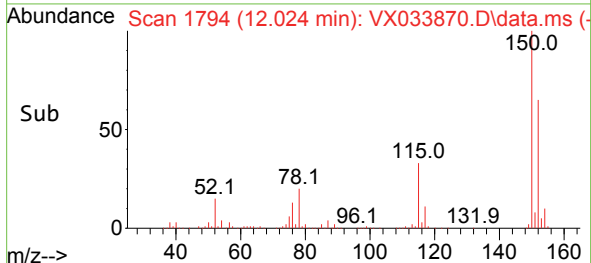
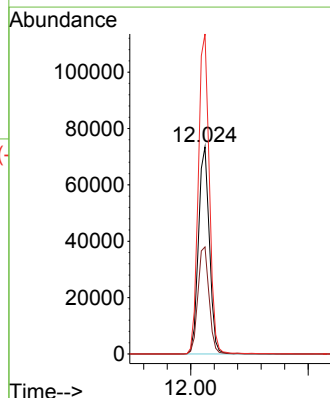
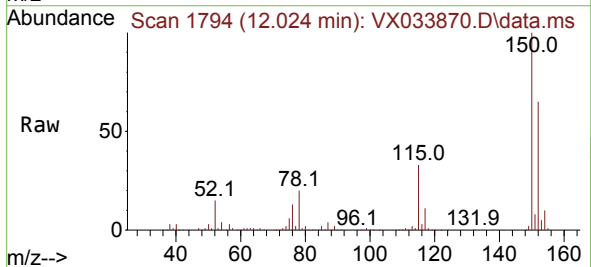
Instrument :
MSVOA_X
ClientSampleId :
TP-26

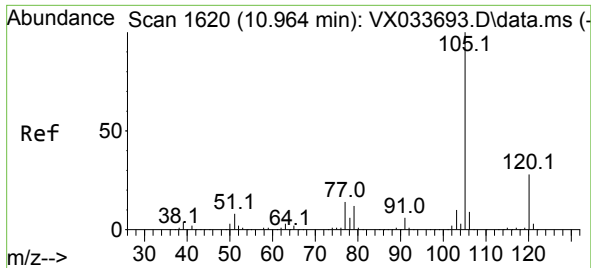
Tgt Ion:117 Resp: 198508
Ion Ratio Lower Upper
117 100
82 49.6 40.6 60.8
119 32.0 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX033870.D
Acq: 24 Jan 2023 16:21

Tgt Ion:152 Resp: 94670
Ion Ratio Lower Upper
152 100
115 52.7 38.7 116.1
150 155.6 0.0 348.2

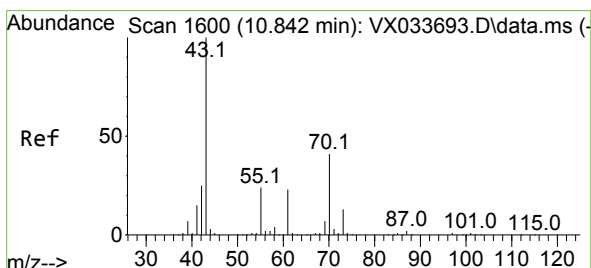
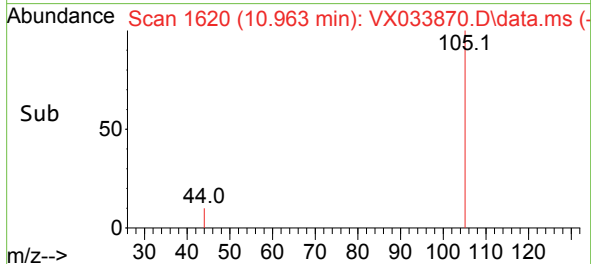
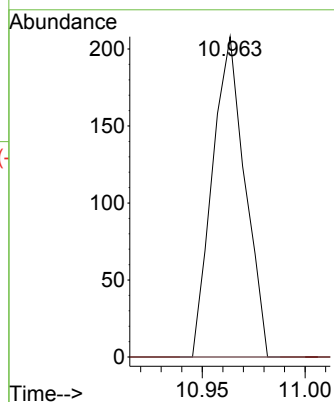
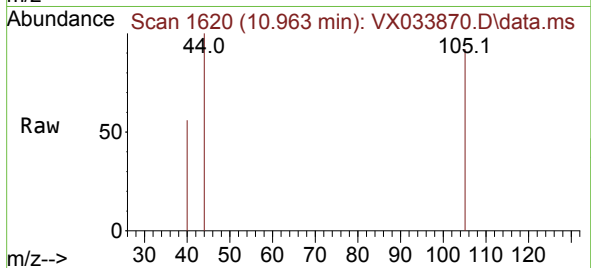




#73
Isopropylbenzene
Concen: Below Cal
RT: 10.963 min Scan# 1594
Delta R.T. -0.001 min
Lab File: VX033870.D
Acq: 24 Jan 2023 16:21

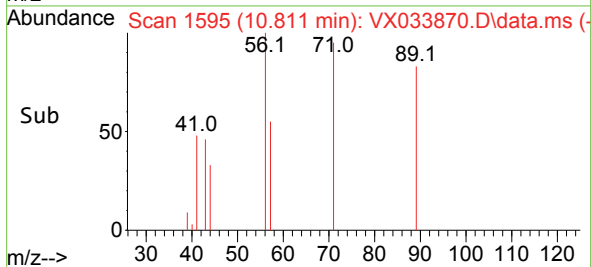
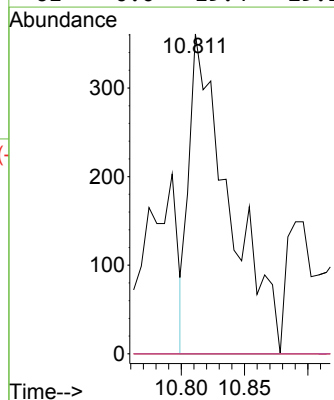
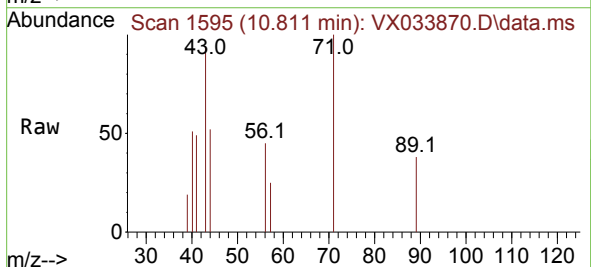
Instrument :
MSVOA_X
ClientSampleId :
TP-26

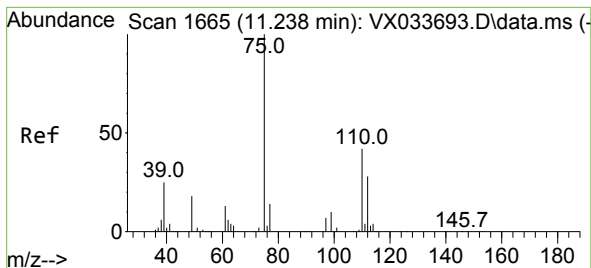
Tgt Ion:105 Resp: 229
Ion Ratio Lower Upper
105 100
120 0.0 13.6 40.8#



#74
N-ethyl acetate
Concen: 0.318 ug/l
RT: 10.811 min Scan# 1595
Delta R.T. -0.031 min
Lab File: VX033870.D
Acq: 24 Jan 2023 16:21

Tgt Ion: 43 Resp: 791
Ion Ratio Lower Upper
43 100
70 0.0 34.8 52.2#
55 0.0 19.4 29.0#
61 0.0 19.4 29.2#

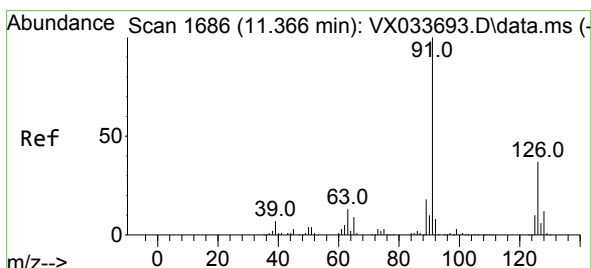
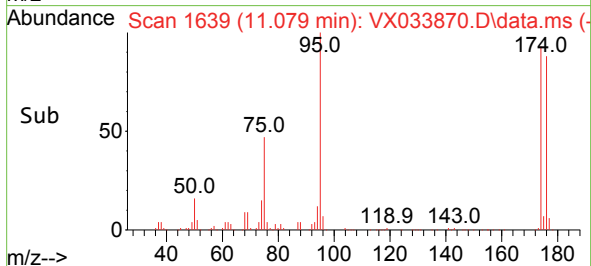
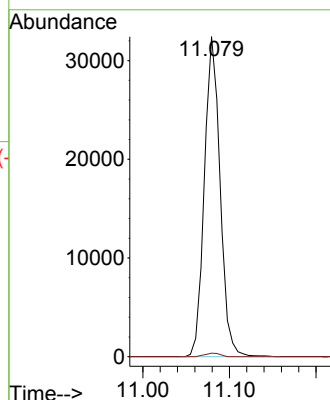
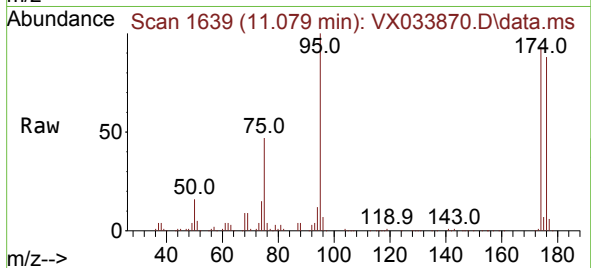




#76
1,2,3-Trichloropropane
Concen: 23.508 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX033870.D
Acq: 24 Jan 2023 16:21

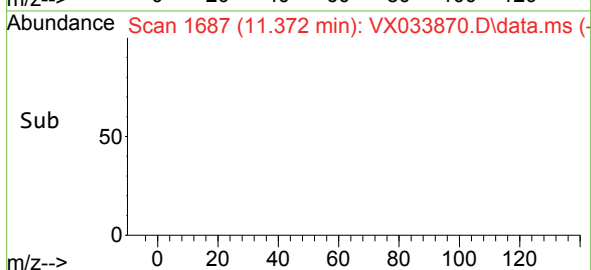
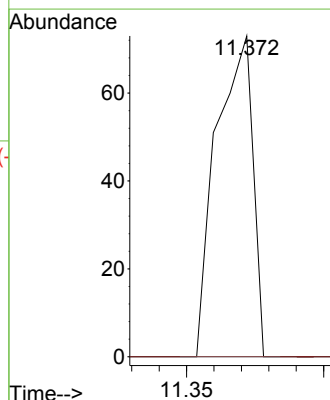
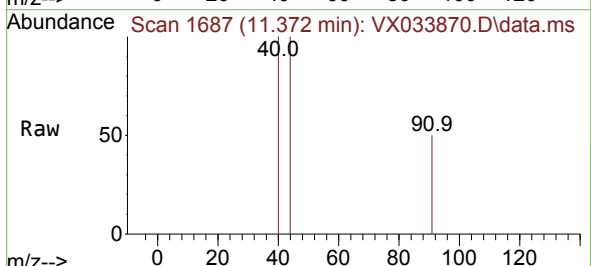
Instrument :
MSVOA_X
ClientSampleId :
TP-26

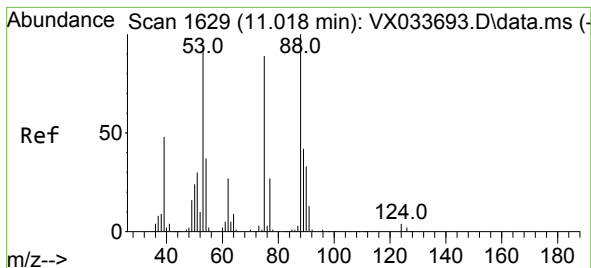
Tgt Ion: 75 Resp: 40890
Ion Ratio Lower Upper
75 100
77 1.1 21.8 65.4#



#79
2-Chlorotoluene
Concen: Below Cal
RT: 11.372 min Scan# 1687
Delta R.T. 0.006 min
Lab File: VX033870.D
Acq: 24 Jan 2023 16:21

Tgt Ion: 91 Resp: 67
Ion Ratio Lower Upper
91 100
126 0.0 18.1 54.1#

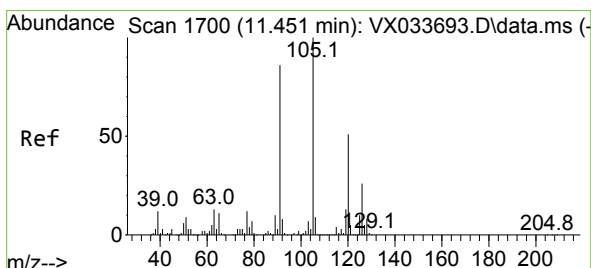
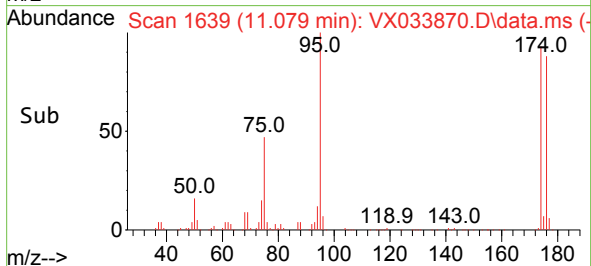
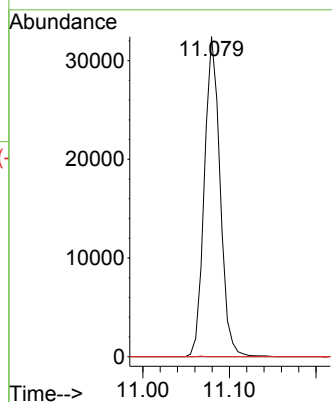
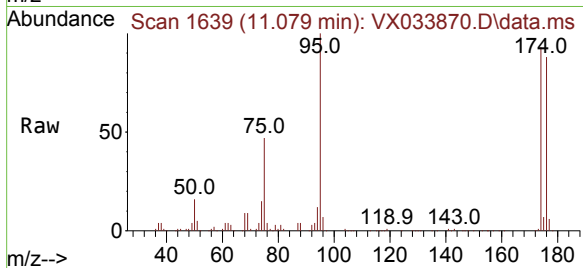




#81
trans-1,4-Dichloro-2-butene
Concen: 73.060 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX033870.D
Acq: 24 Jan 2023 16:21

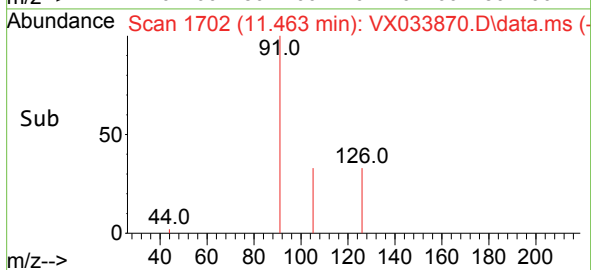
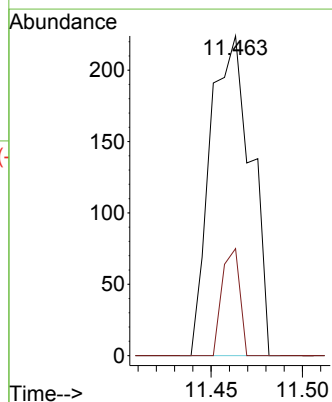
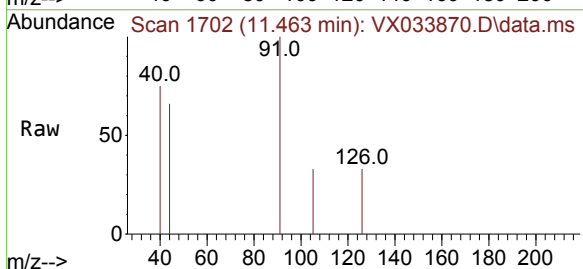
Instrument :
MSVOA_X
ClientSampleId :
TP-26

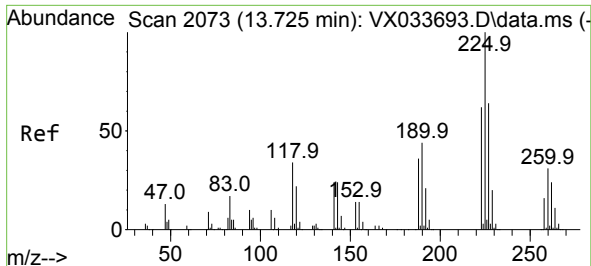
Tgt Ion: 75 Resp: 40890
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.1 37.7 56.5#



#82
4-Chlorotoluene
Concen: Below Cal
RT: 11.463 min Scan# 1702
Delta R.T. 0.012 min
Lab File: VX033870.D
Acq: 24 Jan 2023 16:21

Tgt Ion: 91 Resp: 348
Ion Ratio Lower Upper
91 100
126 14.7 15.8 47.4#

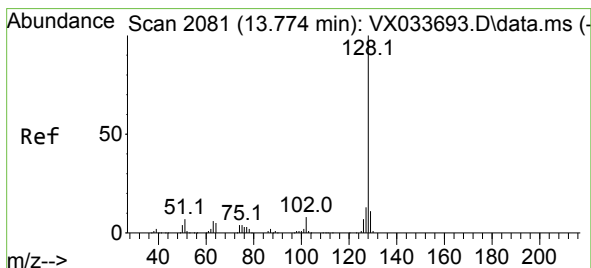
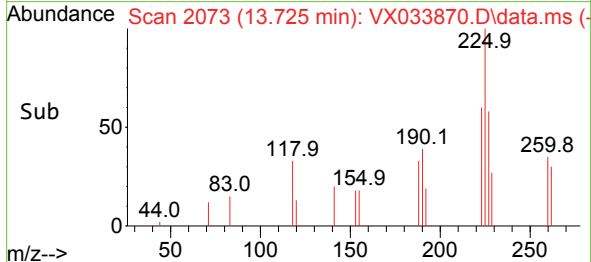
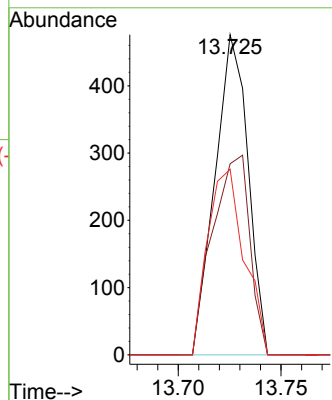
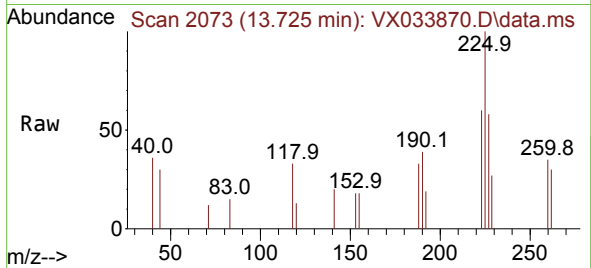




#94
Hexachlorobutadiene
Concen: 0.522 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX033870.D
Acq: 24 Jan 2023 16:21

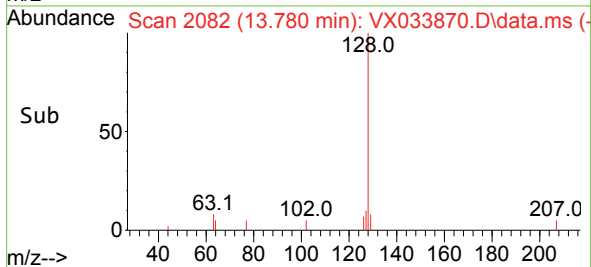
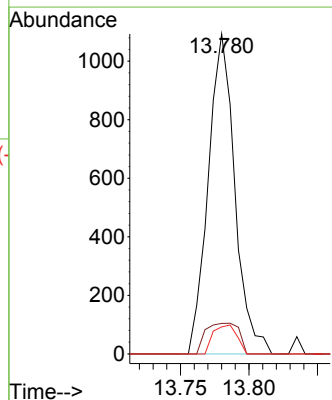
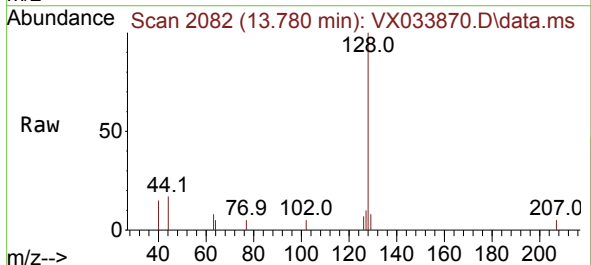
Instrument :
MSVOA_X
ClientSampleId :
TP-26

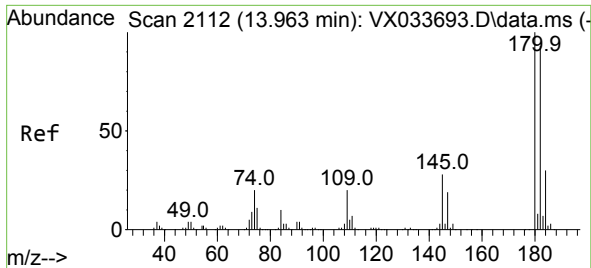
Tgt Ion:225	Resp:	532
Ion Ratio	Lower	Upper
225	100	
223	70.3	31.3 93.9
227	64.5	32.3 96.9



#95
Naphthalene
Concen: 0.247 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX033870.D
Acq: 24 Jan 2023 16:21

Tgt Ion:128	Resp:	1477
Ion Ratio	Lower	Upper
128	100	
127	11.9	10.3 15.5
129	8.0	8.7 13.1





#96

1,2,3-Trichlorobenzene

Concen: 0.417 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX033870.D

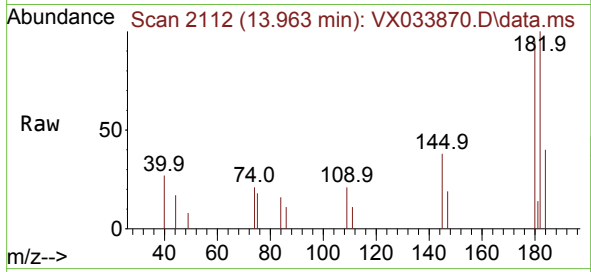
Acq: 24 Jan 2023 16:21

Instrument :

MSVOA_X

ClientSampleId :

TP-26



Tgt Ion:180 Resp: 867

Ion Ratio Lower Upper

180 100

182 101.8 47.6 142.9

145 32.6 15.1 45.3

