

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012423\
 Data File : VX033875.D
 Acq On : 24 Jan 2023 18:16
 Operator : JC/MD
 Sample : 01260-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-24

Quant Time: Jan 25 03:20:44 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)

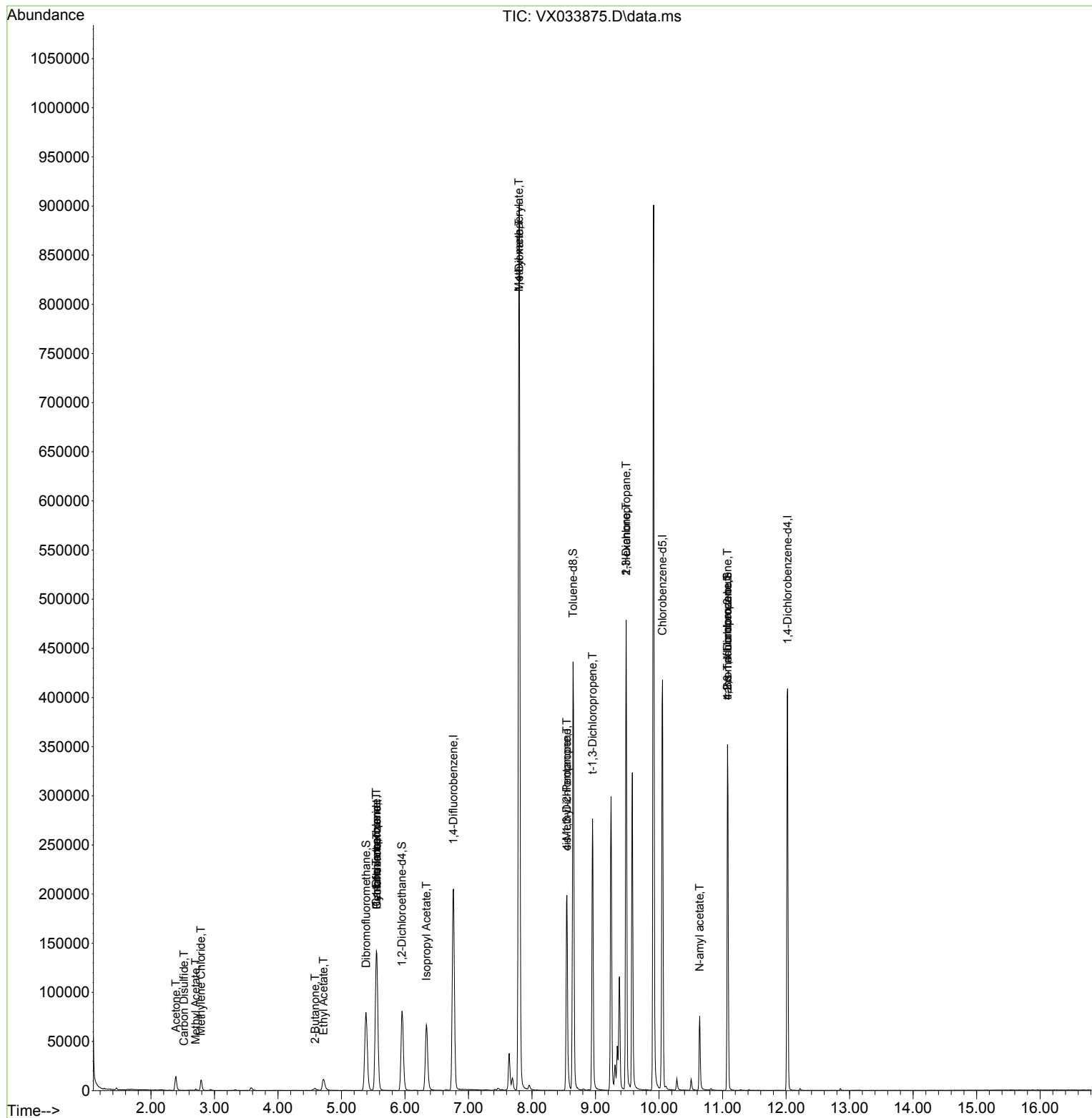
Internal Standards						
1) Pentafluorobenzene	5.556	168	156688	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	228990	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	204093	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98010	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	75873	45.990	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.980%
35) Dibromofluoromethane	5.385	113	69756	49.058	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.120%
50) Toluene-d8	8.647	98	262869	50.739	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.480%
62) 4-Bromofluorobenzene	11.079	95	90910	47.262	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.520%
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	18283	19.050	ug/l	92
17) Carbon Disulfide	2.520	76	66	1.842	ug/l #	76
18) Methyl Acetate	2.703	43	1622	0.704	ug/l	91
20) Methylene Chloride	2.788	84	5326	1.271	ug/l	93
25) 2-Butanone	4.587	43	2435	2.259	ug/l	96
31) Cyclohexane	5.556	56	2358	0.971	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	9353	4.507	ug/l #	49
37) Ethyl Acetate	4.715	43	21342	8.400	ug/l	98
38) Carbon Tetrachloride	5.550	117	13244	6.162	ug/l #	15
43) Isopropyl Acetate	6.336	43	93798	28.631	ug/l	99
48) Methyl methacrylate	7.793	41	77442	46.926	ug/l #	44
49) 1,4-Dioxane	7.799	88	97	2.657	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	69190	34.389	ug/l #	51
53) t-1,3-Dichloropropene	8.952	75	605	0.297	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	33734	14.759	ug/l #	62
57) 1,3-Dichloropropane	9.482	76	4289	1.711	ug/l #	43
59) 2-Hexanone	9.482	43	57509	41.066	ug/l #	51
73) Isopropylbenzene	11.079	105	62	Below Cal	#	48
74) N-amyl acetate	10.640	43	21197	8.236	ug/l #	51
75) 1,1,2,2-Tetrachloroethane	11.079	83	20	Below Cal	#	1
76) 1,2,3-Trichloropropane	11.079	75	41463	23.025	ug/l #	35
79) 2-Chlorotoluene	11.311	91	48	Below Cal	#	39
81) trans-1,4-Dichloro-2-b...	11.079	75	41463	71.559	ug/l #	8
82) 4-Chlorotoluene	11.311	91	48	Below Cal	#	43

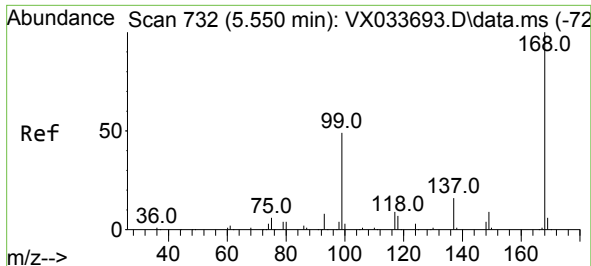
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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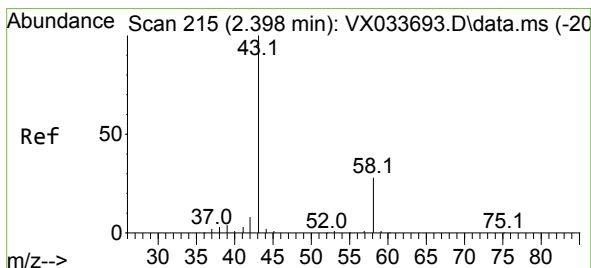
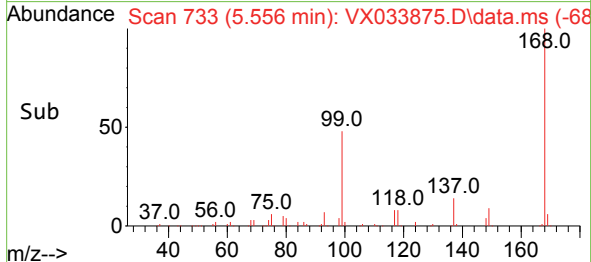
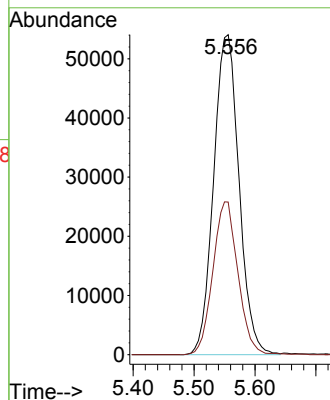
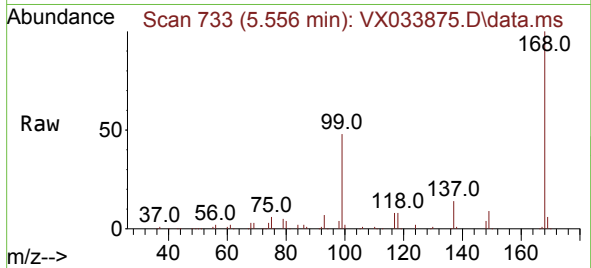




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX033875.D
Acq: 24 Jan 2023 18:16

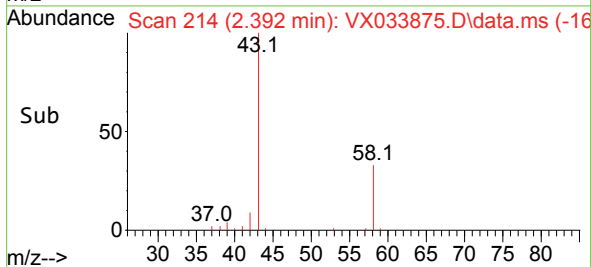
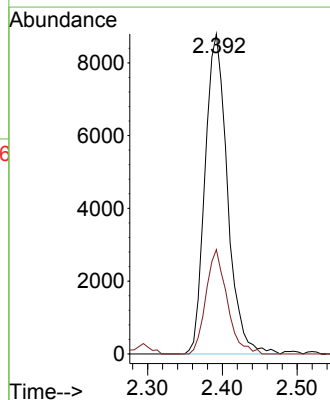
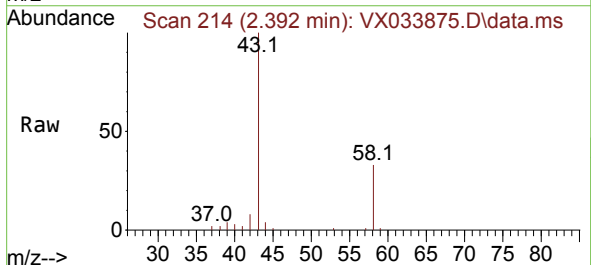
Instrument :
MSVOA_X
ClientSampleId :
TP-24

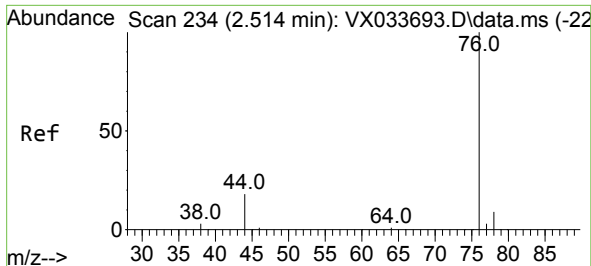
Tgt Ion:168 Resp: 156688
Ion Ratio Lower Upper
168 100
99 47.7 39.6 59.4



#16
Acetone
Concen: 19.050 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX033875.D
Acq: 24 Jan 2023 18:16

Tgt Ion: 43 Resp: 18283
Ion Ratio Lower Upper
43 100
58 32.6 22.6 33.8





#17

Carbon Disulfide

Concen: 1.842 ug/l

RT: 2.520 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX033875.D

Acq: 24 Jan 2023 18:16

Instrument :

MSVOA_X

ClientSampleId :

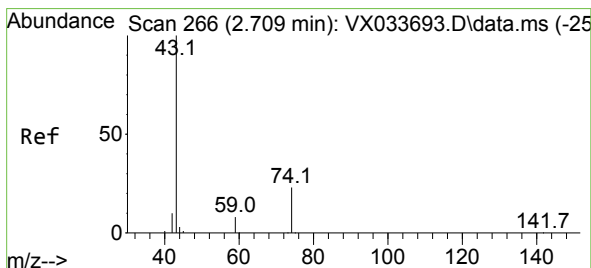
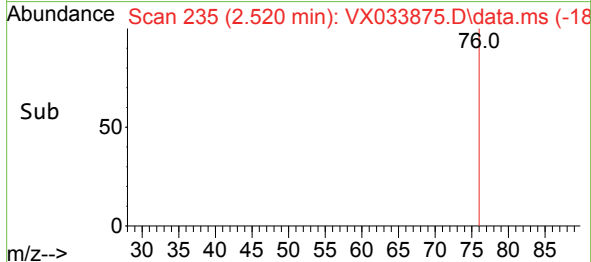
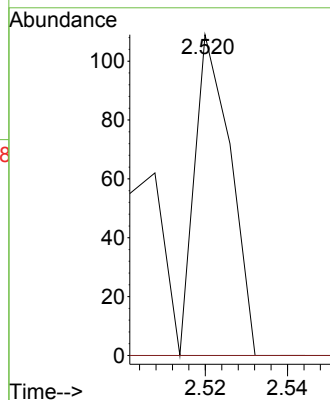
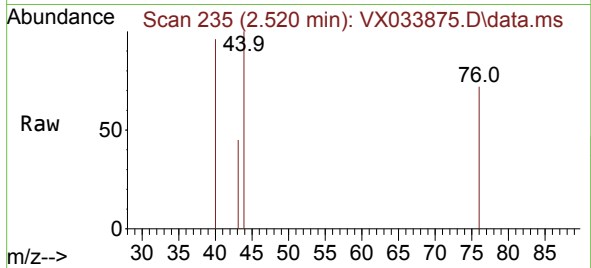
TP-24

Tgt Ion: 76 Resp: 66

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#



#18

Methyl Acetate

Concen: 0.704 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.006 min

Lab File: VX033875.D

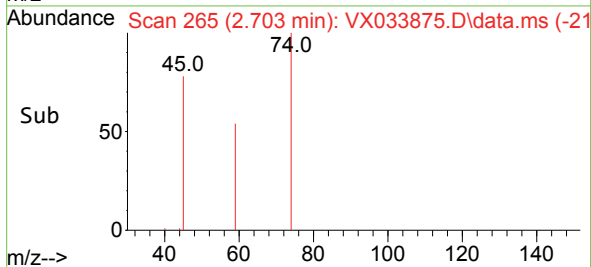
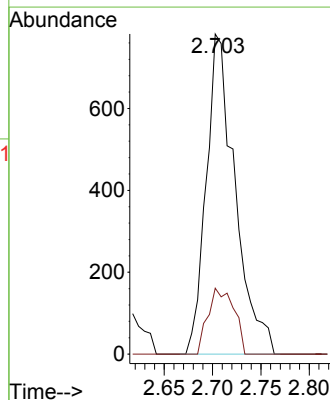
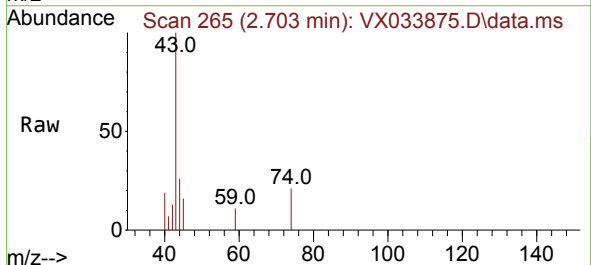
Acq: 24 Jan 2023 18:16

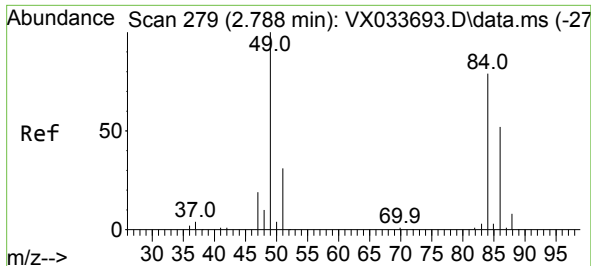
Tgt Ion: 43 Resp: 1622

Ion Ratio Lower Upper

43 100

74 18.6 18.2 27.4

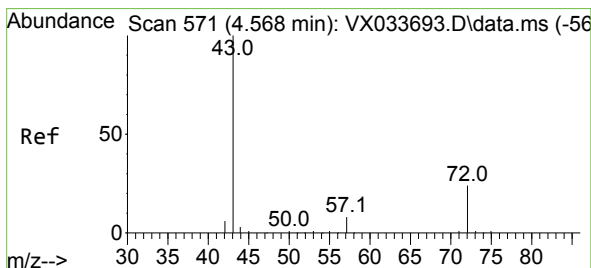
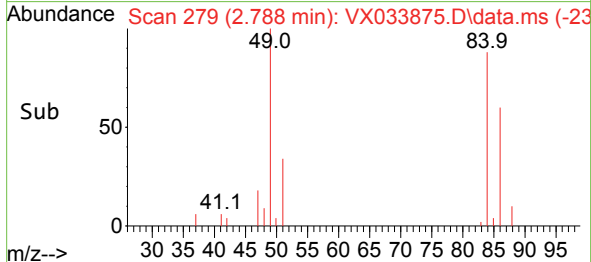
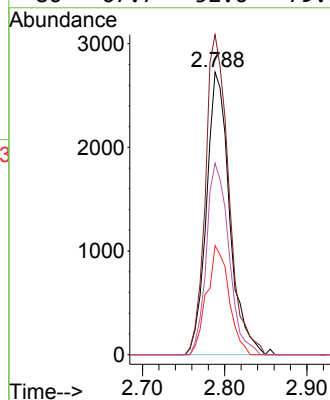
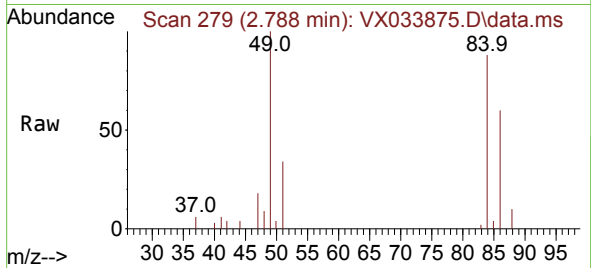




#20
Methylene Chloride
Concen: 1.271 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX033875.D
Acq: 24 Jan 2023 18:16

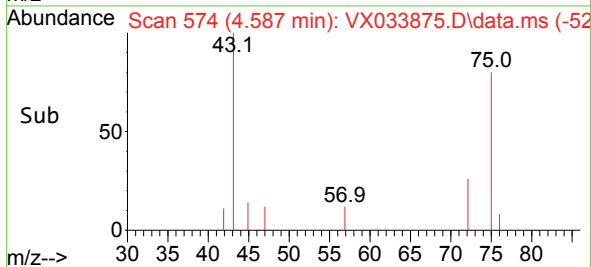
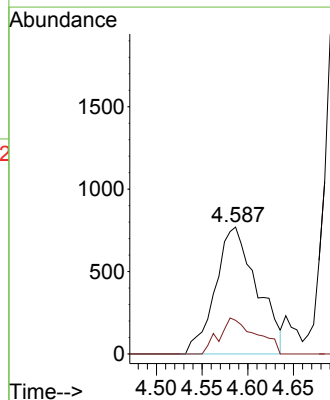
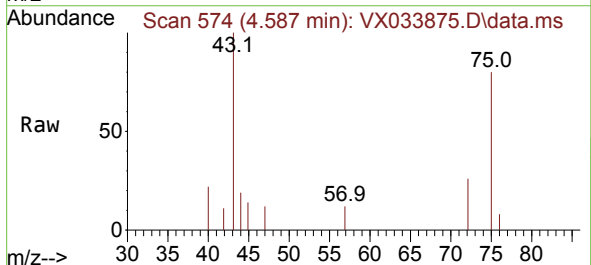
Instrument :
MSVOA_X
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TP-24

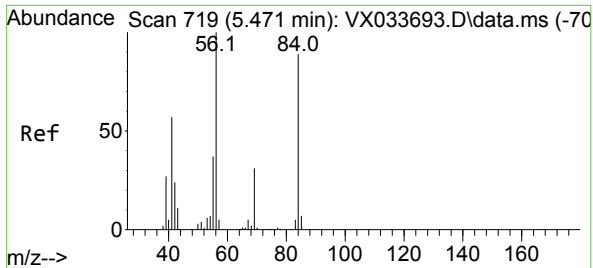
Tgt Ion: 84	Resp: 5326
Ion Ratio	Lower Upper
84 100	
49 113.2	101.1 151.7
51 38.6	31.0 46.6
86 67.7	52.6 79.0



#25
2-Butanone
Concen: 2.259 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.018 min
Lab File: VX033875.D
Acq: 24 Jan 2023 18:16

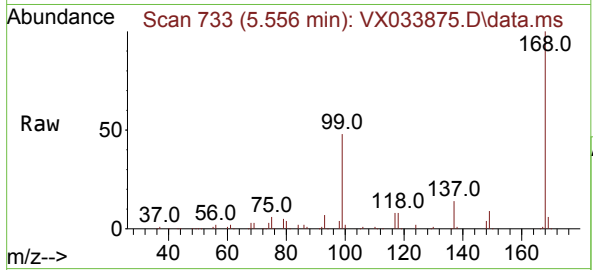
Tgt Ion: 43	Resp: 2435
Ion Ratio	Lower Upper
43 100	
72 26.5	19.4 29.2



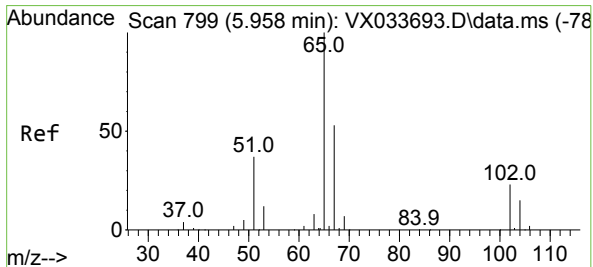
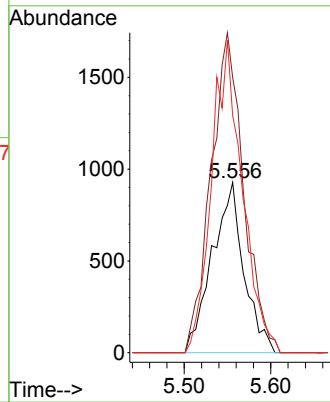
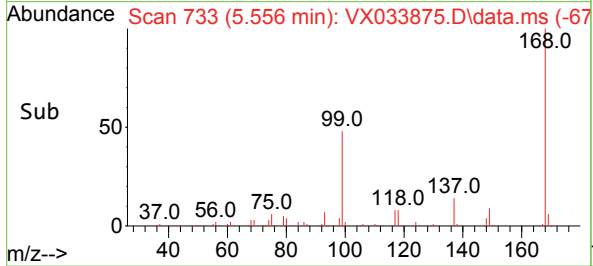


#31
Cyclohexane
Concen: 0.971 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX033875.D
Acq: 24 Jan 2023 18:16

Instrument :
MSVOA_X
ClientSampleId :
TP-24

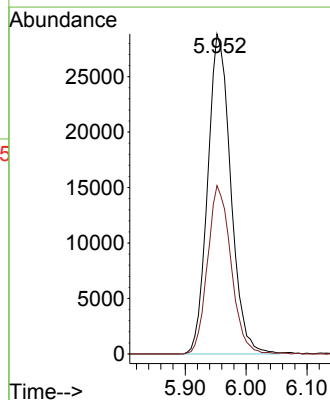
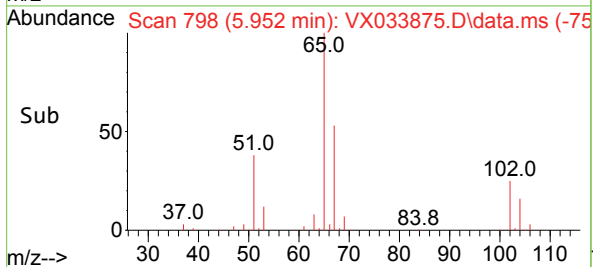
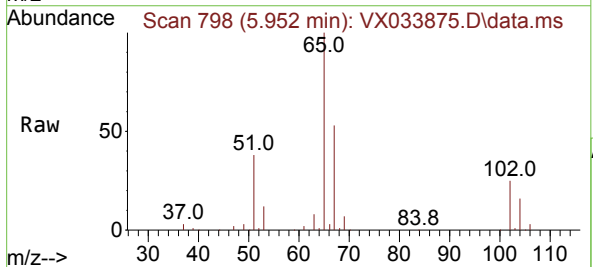


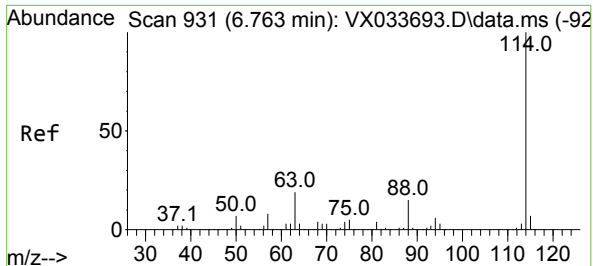
Tgt Ion: 56 Resp: 2358
Ion Ratio Lower Upper
56 100
69 161.7 24.6 37.0#
84 139.4 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 45.990 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX033875.D
Acq: 24 Jan 2023 18:16

Tgt Ion: 65 Resp: 75873
Ion Ratio Lower Upper
65 100
67 53.5 0.0 104.8

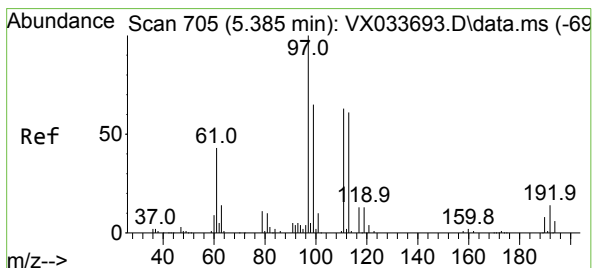
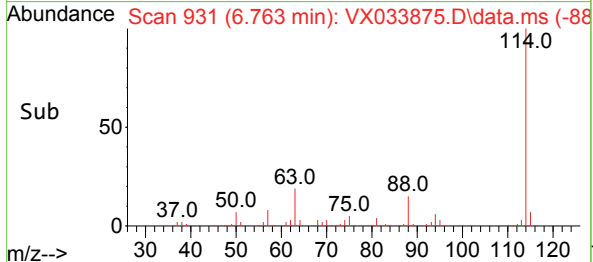
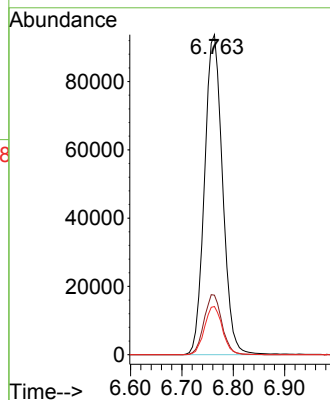
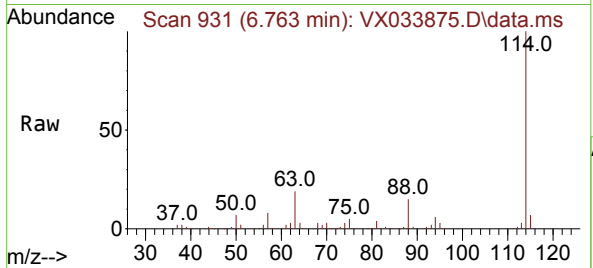




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX033875.D
Acq: 24 Jan 2023 18:16

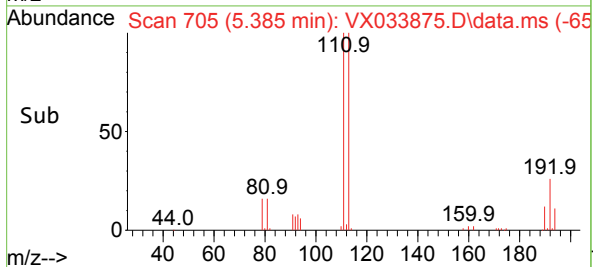
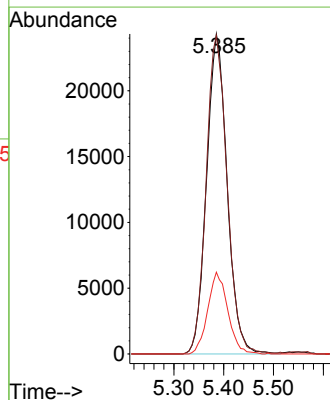
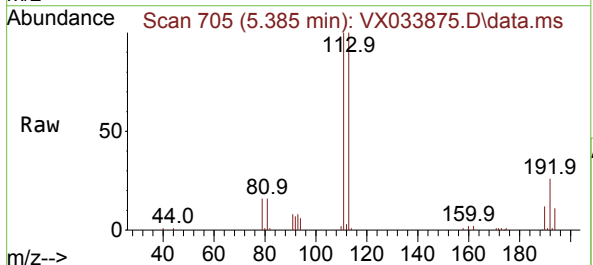
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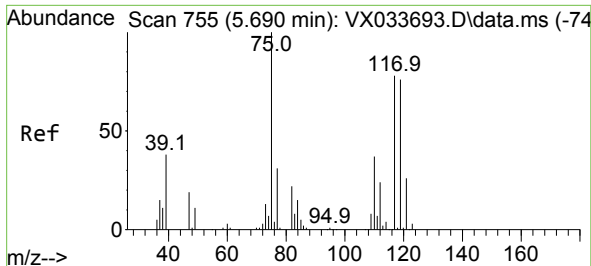
Tgt Ion:114 Resp: 228990
Ion Ratio Lower Upper
114 100
63 18.6 0.0 37.4
88 15.0 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.058 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033875.D
Acq: 24 Jan 2023 18:16

Tgt Ion:113 Resp: 69756
Ion Ratio Lower Upper
113 100
111 101.1 83.0 124.6
192 24.8 19.0 28.4

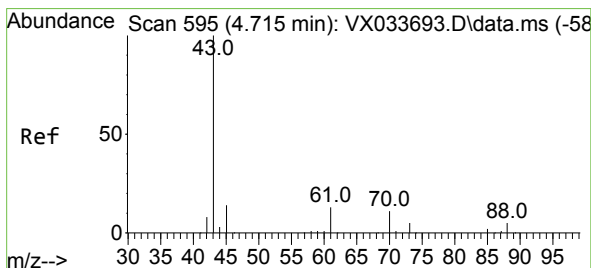
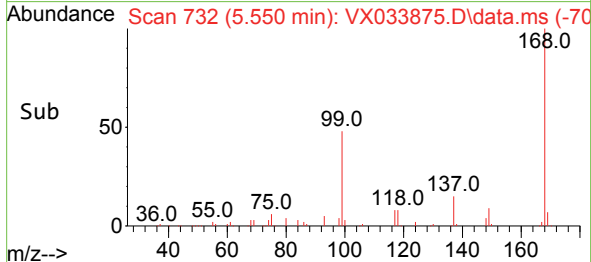
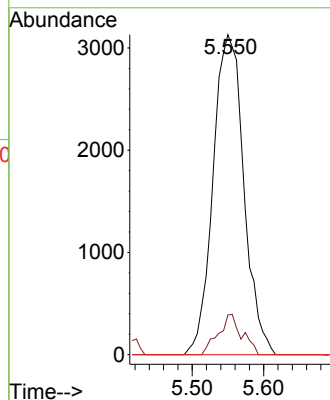
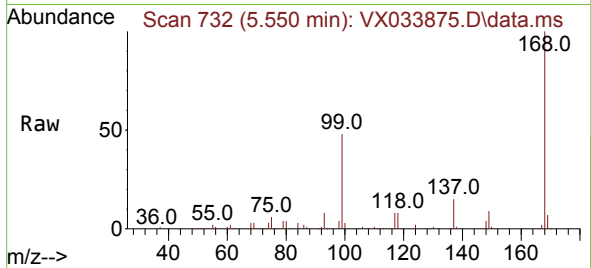




#36
1,1-Dichloropropene
Concen: 4.507 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX033875.D
Acq: 24 Jan 2023 18:16

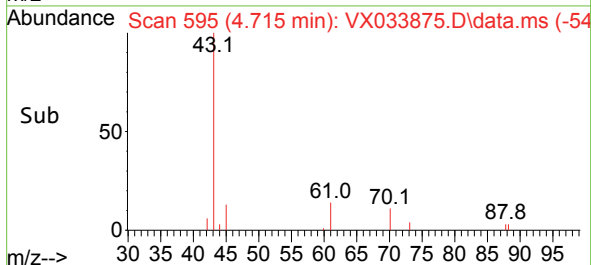
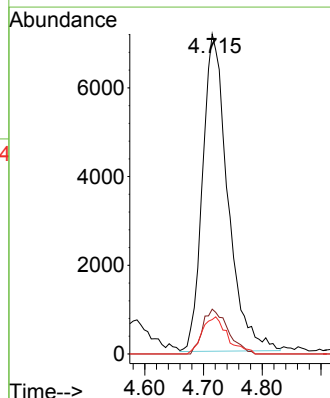
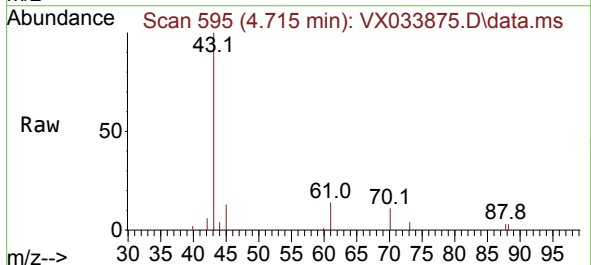
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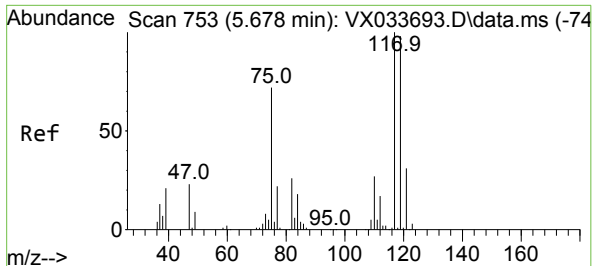
Tgt Ion: 75 Resp: 9353
Ion Ratio Lower Upper
75 100
110 9.7 18.8 56.4#
77 0.0 25.1 37.7#



#37
Ethyl Acetate
Concen: 8.400 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX033875.D
Acq: 24 Jan 2023 18:16

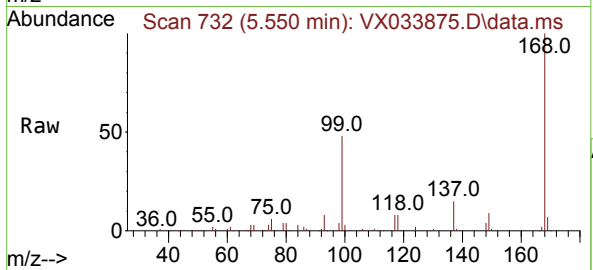
Tgt Ion: 43 Resp: 21342
Ion Ratio Lower Upper
43 100
61 14.1 11.1 16.7
70 11.8 8.5 12.7



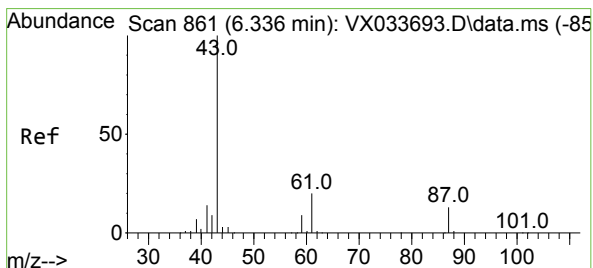
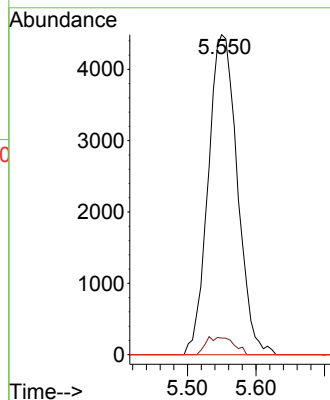
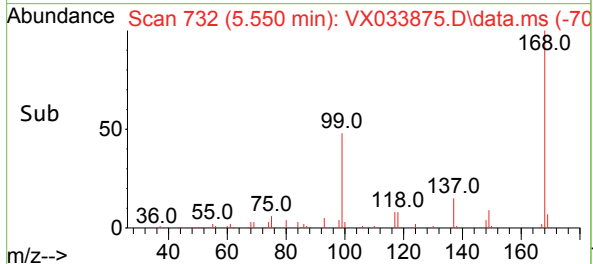


#38
Carbon Tetrachloride
Concen: 6.162 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX033875.D
Acq: 24 Jan 2023 18:16

Instrument :
MSVOA_X
ClientSampleId :
TP-24

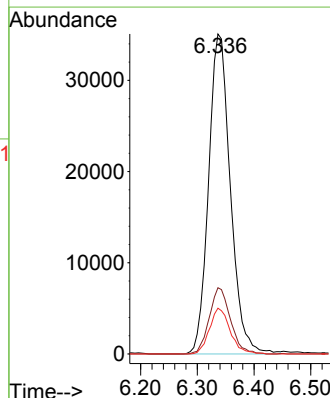
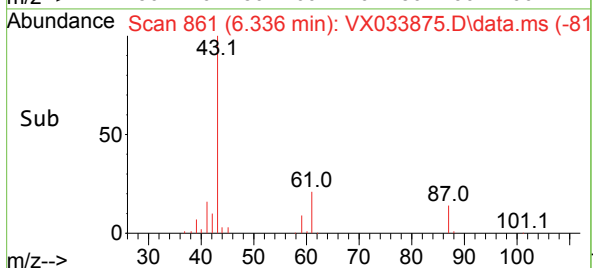
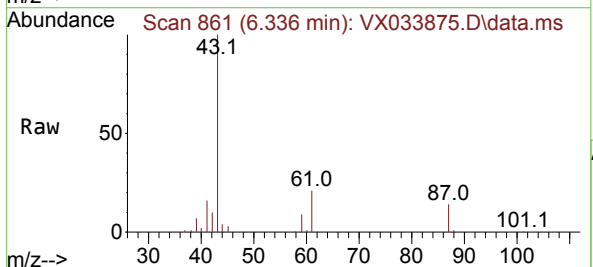


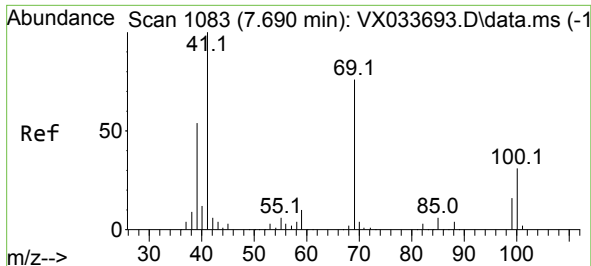
Tgt Ion:117 Resp: 13244
Ion Ratio Lower Upper
117 100
119 5.2 78.0 117.0#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 28.631 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX033875.D
Acq: 24 Jan 2023 18:16

Tgt Ion: 43 Resp: 93798
Ion Ratio Lower Upper
43 100
61 20.1 15.7 23.5
87 13.6 10.6 15.8





#48

Methyl methacrylate

Concen: 46.926 ug/l

RT: 7.793 min Scan# 1100

Delta R.T. 0.104 min

Lab File: VX033875.D

Acq: 24 Jan 2023 18:16

Instrument :

MSVOA_X

ClientSampleId :

TP-24

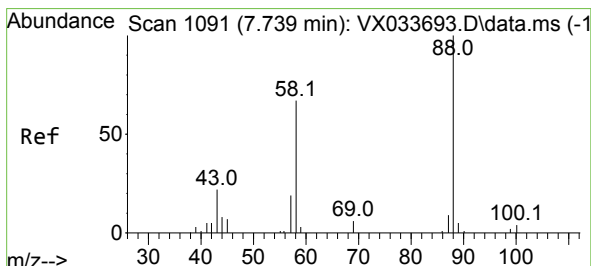
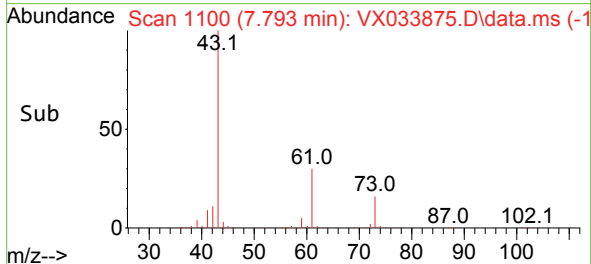
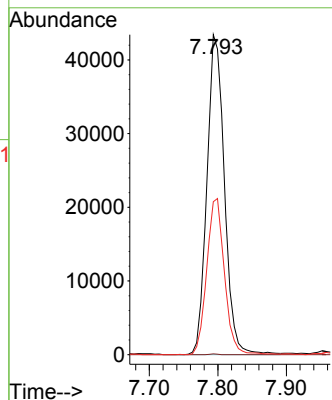
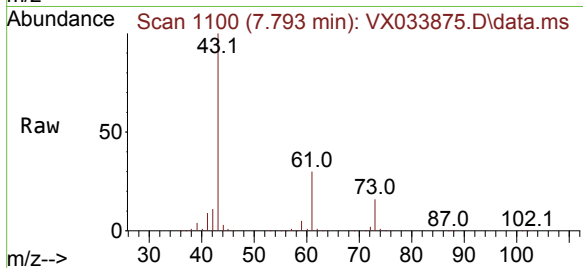
Tgt Ion: 41 Resp: 77442

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: 2.657 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.061 min

Lab File: VX033875.D

Acq: 24 Jan 2023 18:16

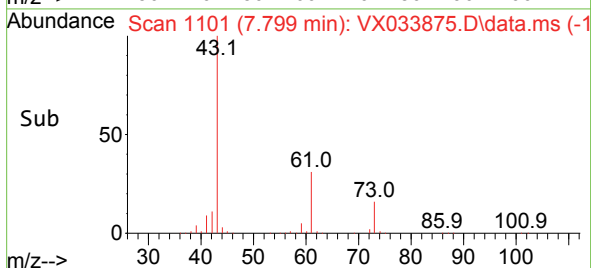
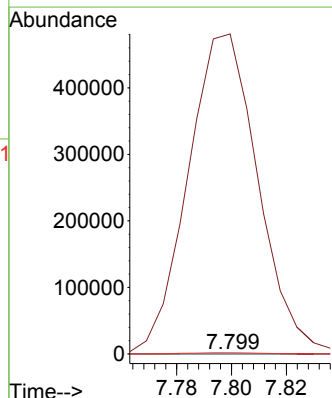
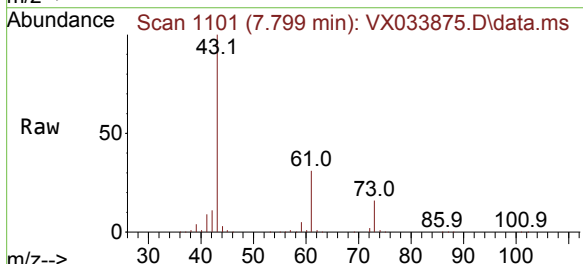
Tgt Ion: 88 Resp: 97

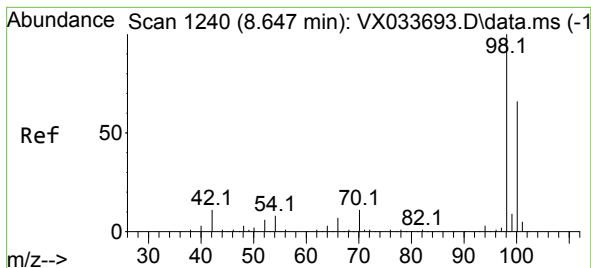
Ion Ratio Lower Upper

88 100

43 892605.2 0.0 0.0#

58 3568.0 56.5 84.7#





#50

Toluene-d8

Concen: 50.739 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX033875.D

Acq: 24 Jan 2023 18:16

Instrument :

MSVOA_X

ClientSampleId :

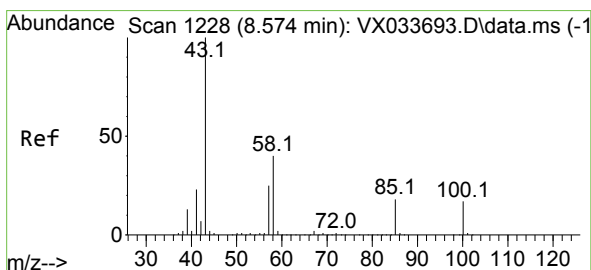
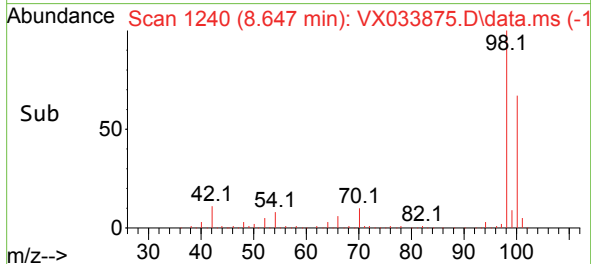
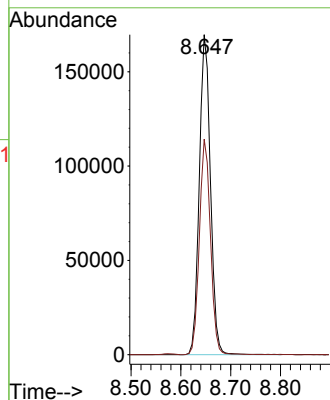
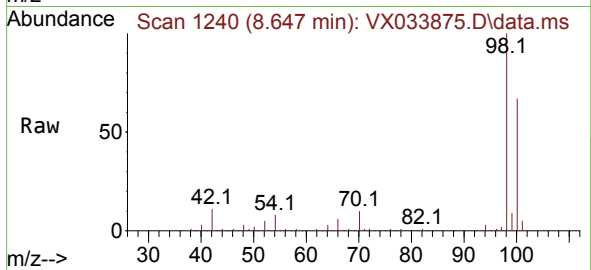
TP-24

Tgt Ion: 98 Resp: 262869

Ion Ratio Lower Upper

98 100

100 67.1 53.6 80.4



#51

4-Methyl-2-Pentanone

Concen: 34.389 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. -0.024 min

Lab File: VX033875.D

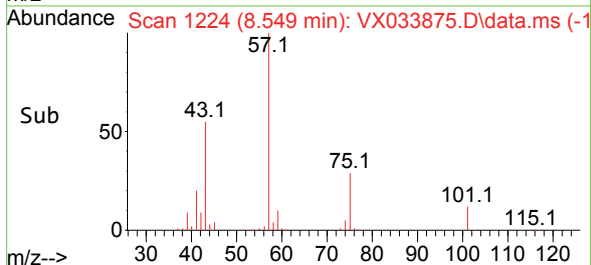
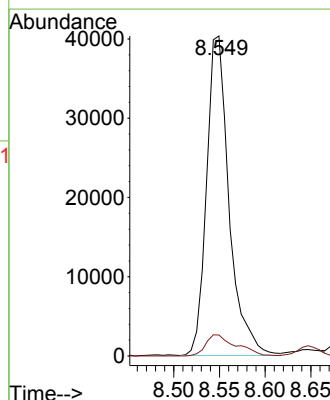
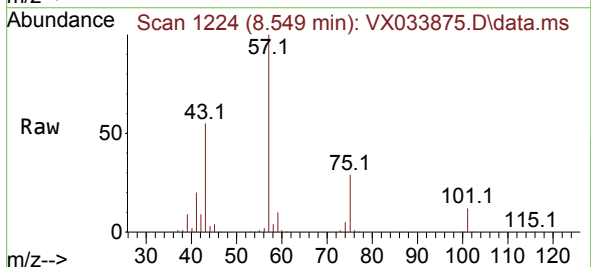
Acq: 24 Jan 2023 18:16

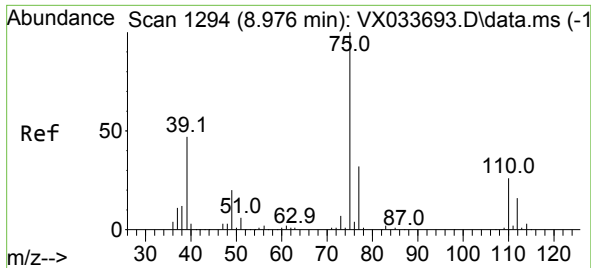
Tgt Ion: 43 Resp: 69190

Ion Ratio Lower Upper

43 100

58 9.0 31.2 46.8#

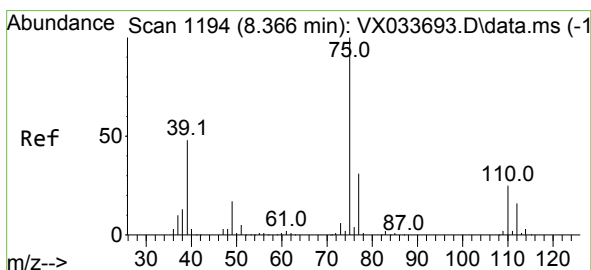
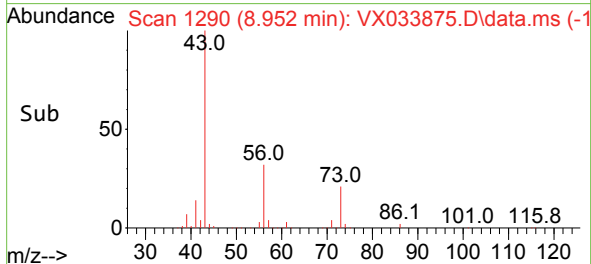
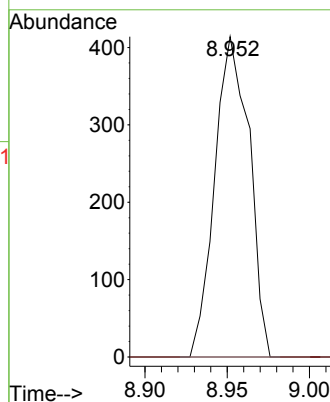
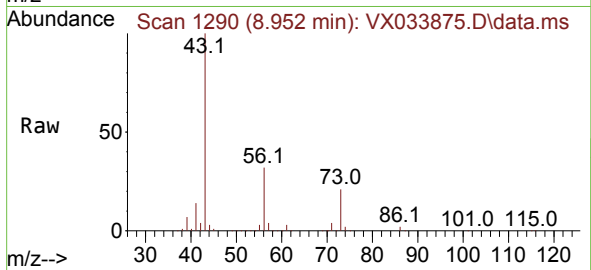




#53
 t-1,3-Dichloropropene
 Concen: 0.297 ug/l
 RT: 8.952 min Scan# 11
 Delta R.T. -0.024 min
 Lab File: VX033875.D
 Acq: 24 Jan 2023 18:16

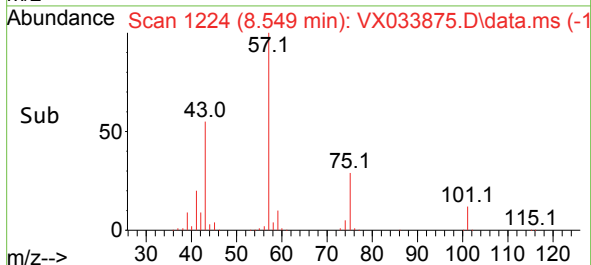
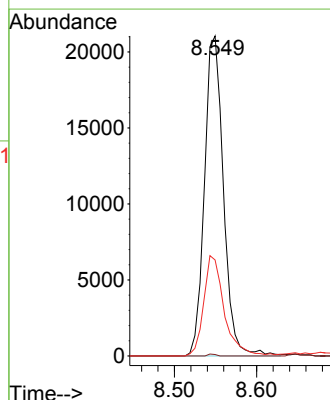
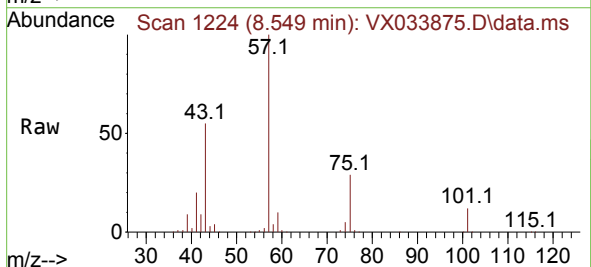
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-24

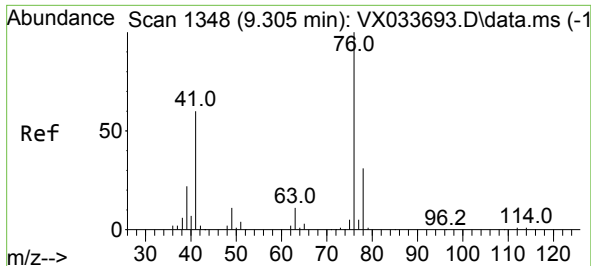
Tgt Ion: 75 Resp: 605
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.5 38.3#



#54
 cis-1,3-Dichloropropene
 Concen: 14.759 ug/l
 RT: 8.549 min Scan# 1224
 Delta R.T. 0.183 min
 Lab File: VX033875.D
 Acq: 24 Jan 2023 18:16

Tgt Ion: 75 Resp: 33734
 Ion Ratio Lower Upper
 75 100
 77 0.4 25.0 37.6#
 39 30.0 38.6 58.0#





#57

1,3-Dichloropropane

Concen: 1.711 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.177 min

Lab File: VX033875.D

Acq: 24 Jan 2023 18:16

Instrument :

MSVOA_X

ClientSampleId :

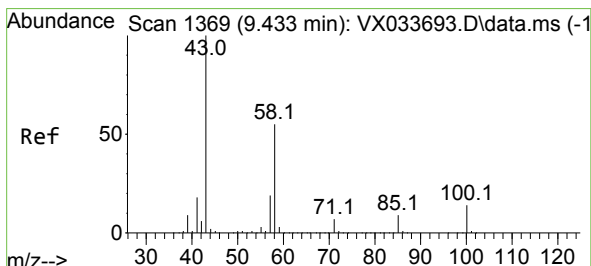
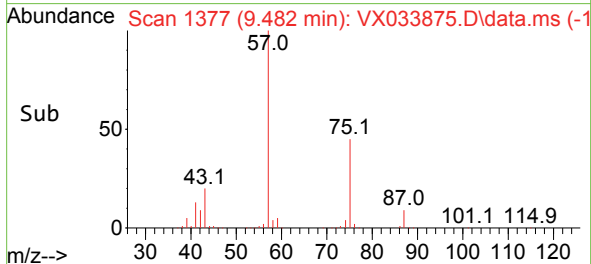
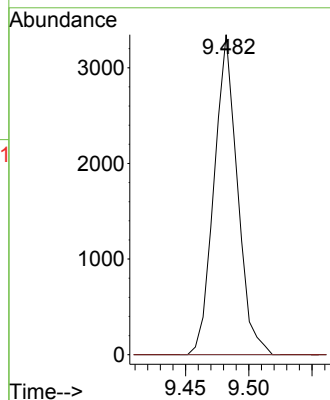
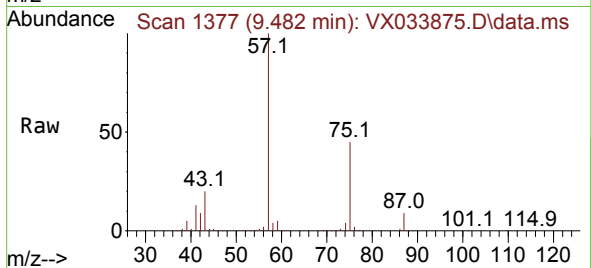
TP-24

Tgt Ion: 76 Resp: 4289

Ion Ratio Lower Upper

76 100

78 0.0 25.6 38.4#



#59

2-Hexanone

Concen: 41.066 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.049 min

Lab File: VX033875.D

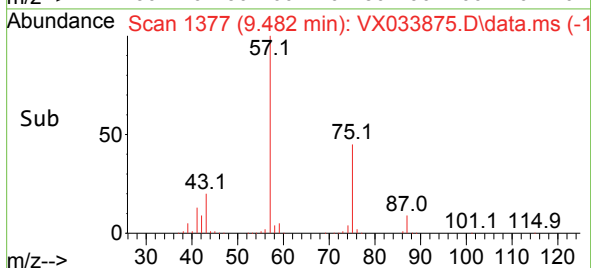
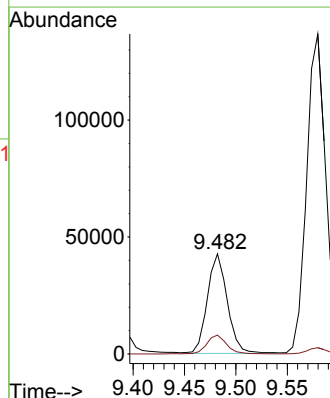
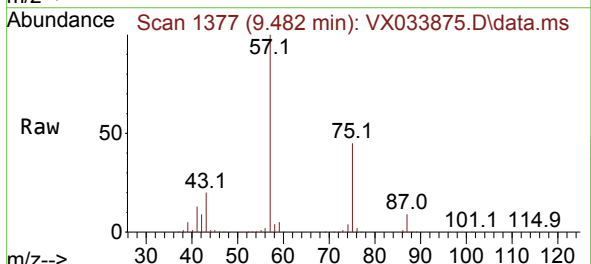
Acq: 24 Jan 2023 18:16

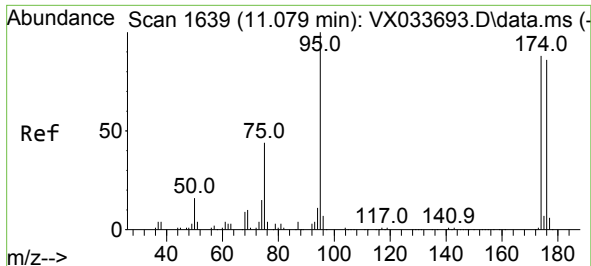
Tgt Ion: 43 Resp: 57509

Ion Ratio Lower Upper

43 100

58 19.2 27.4 82.0#

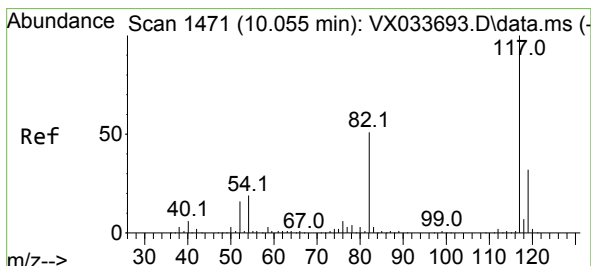
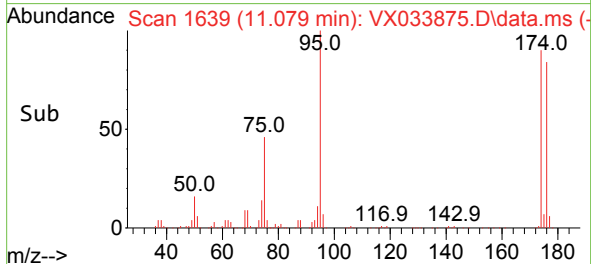
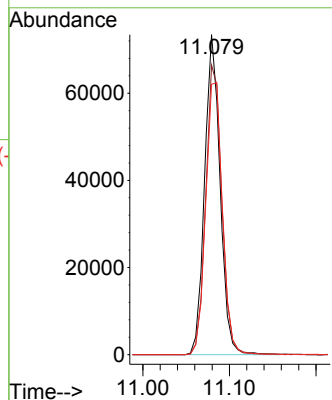
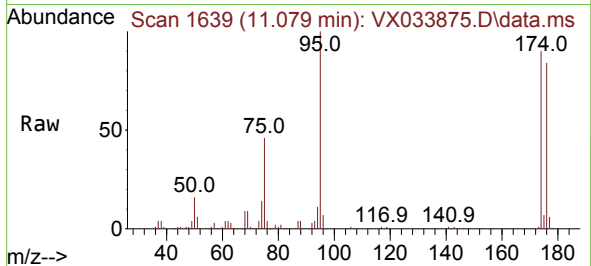




#62
4-Bromofluorobenzene
Concen: 47.262 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033875.D
Acq: 24 Jan 2023 18:16

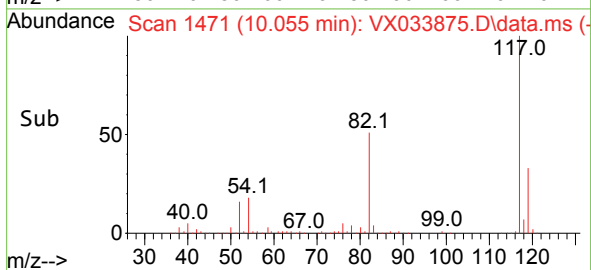
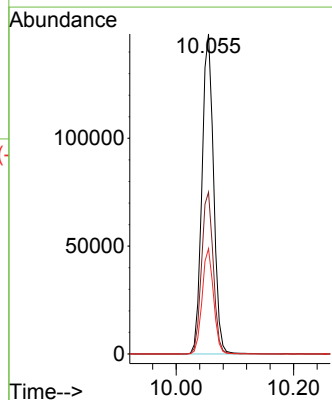
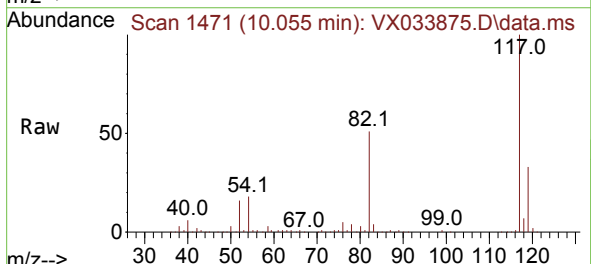
Instrument :
MSVOA_X
ClientSampleId :
TP-24

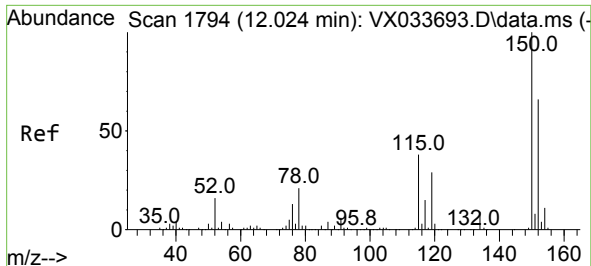
Tgt Ion: 95 Resp: 90910
Ion Ratio Lower Upper
95 100
174 94.7 0.0 184.4
176 92.6 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033875.D
Acq: 24 Jan 2023 18:16

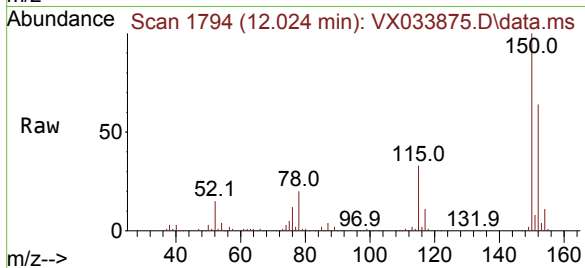
Tgt Ion: 117 Resp: 204093
Ion Ratio Lower Upper
117 100
82 50.5 40.6 60.8
119 32.9 25.6 38.4



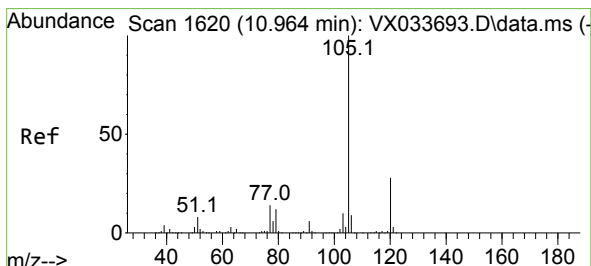
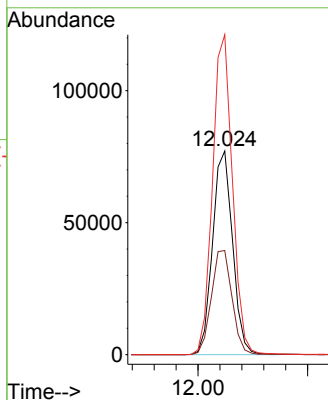
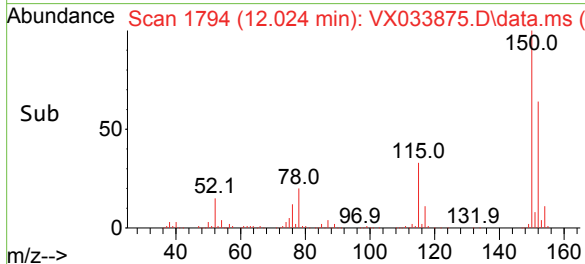


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033875.D
Acq: 24 Jan 2023 18:16

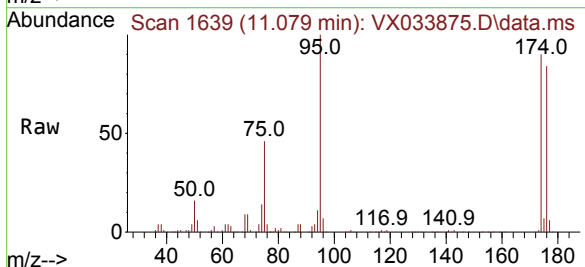
Instrument :
MSVOA_X
ClientSampleId :
TP-24



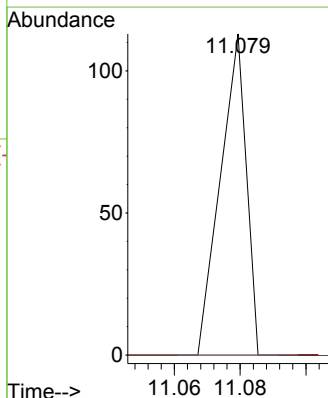
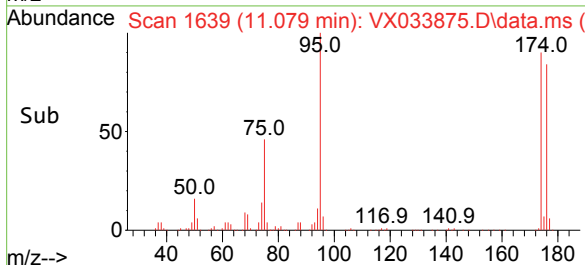
Tgt Ion:152 Resp: 98010
Ion Ratio Lower Upper
152 100
115 53.0 38.7 116.1
150 156.2 0.0 348.2

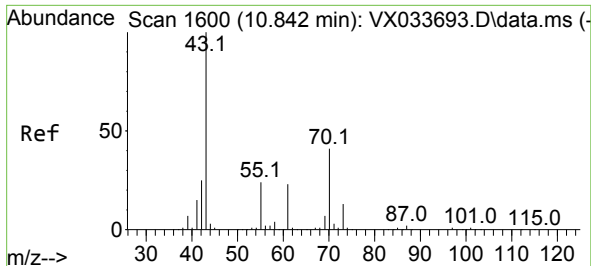


#73
Isopropylbenzene
Concen: Below Cal
RT: 11.079 min Scan# 1639
Delta R.T. 0.115 min
Lab File: VX033875.D
Acq: 24 Jan 2023 18:16



Tgt Ion:105 Resp: 62
Ion Ratio Lower Upper
105 100
120 0.0 13.6 40.8#

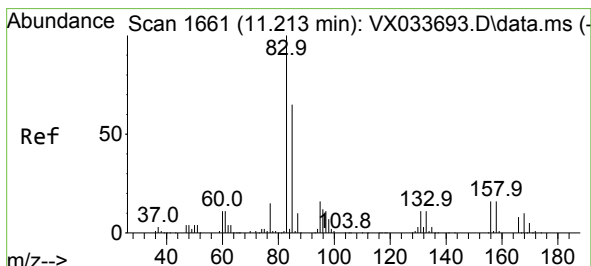
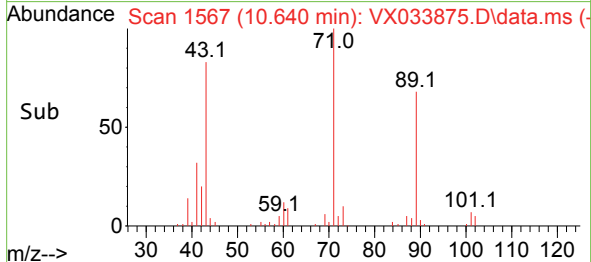
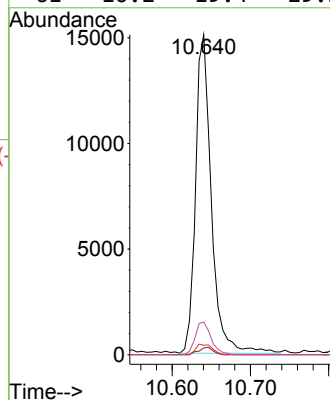
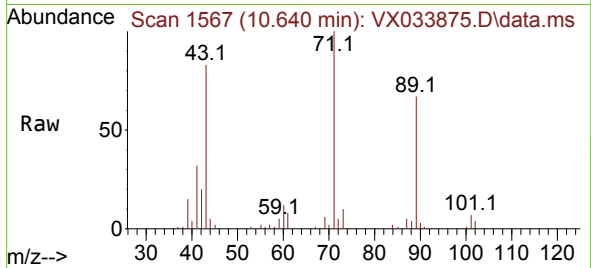




#74
N-amy1 acetate
Concen: 8.236 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.201 min
Lab File: VX033875.D
Acq: 24 Jan 2023 18:16

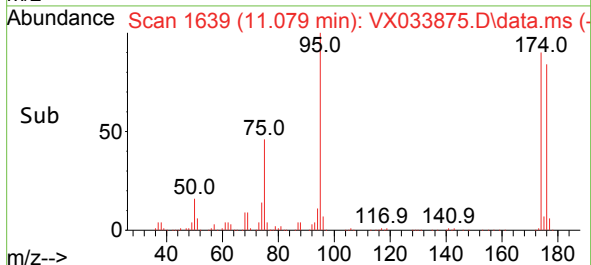
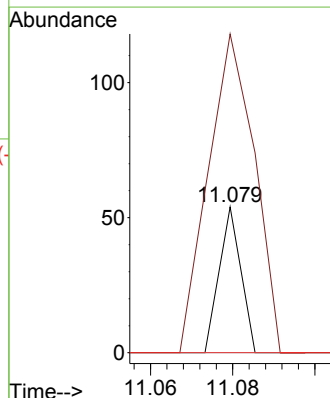
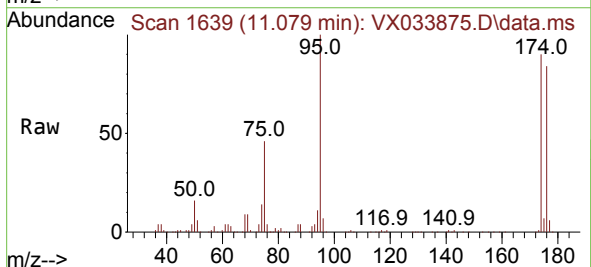
Instrument :
MSVOA_X
ClientSampleId :
TP-24

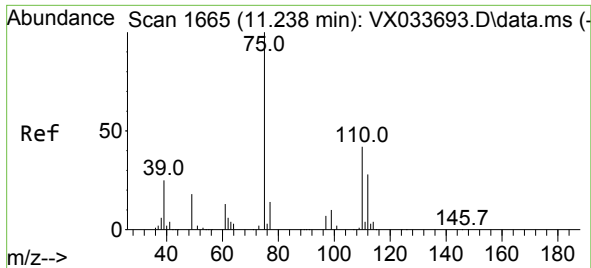
Tgt Ion: 43	Resp: 21197
Ion Ratio	Lower Upper
43	100
70	2.1 34.8 52.2#
55	3.3 19.4 29.0#
61	10.2 19.4 29.2#



#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 11.079 min Scan# 1639
Delta R.T. -0.134 min
Lab File: VX033875.D
Acq: 24 Jan 2023 18:16

Tgt Ion: 83	Resp: 20
Ion Ratio	Lower Upper
83	100
131	460.0 5.5 16.7#
85	0.0 32.3 96.9#

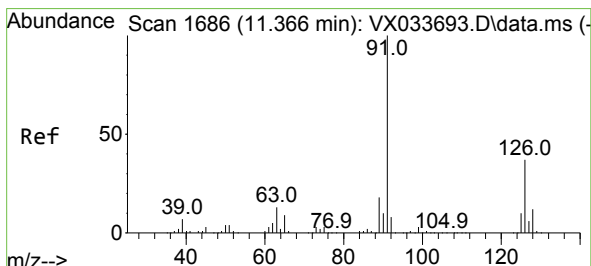
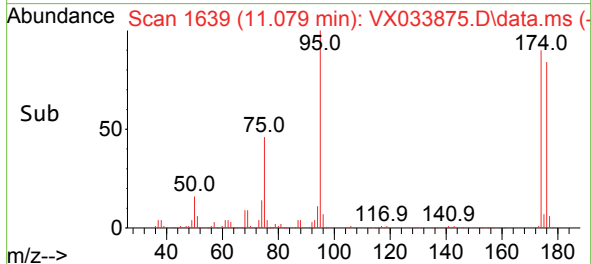
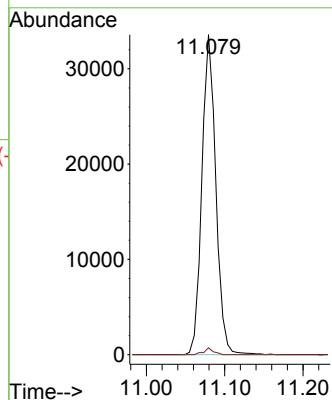
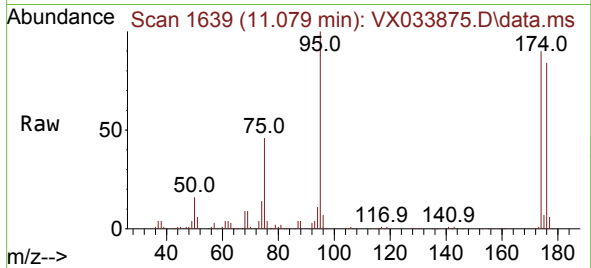




#76
1,2,3-Trichloropropane
Concen: 23.025 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX033875.D
Acq: 24 Jan 2023 18:16

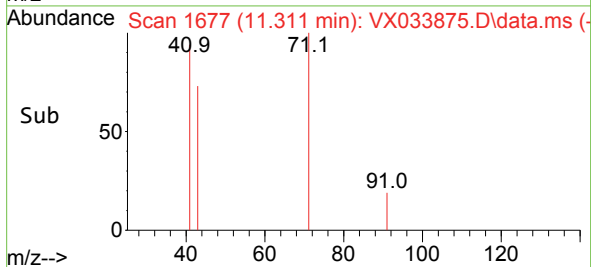
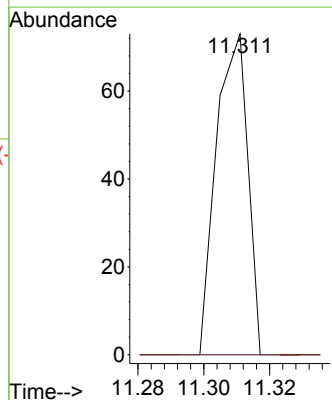
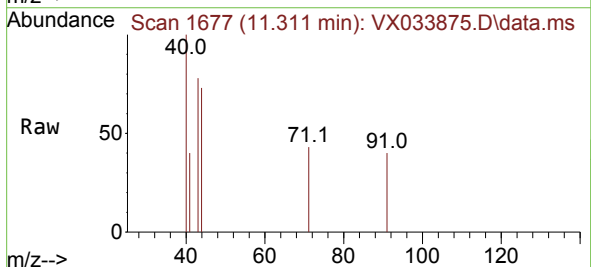
Instrument :
MSVOA_X
ClientSampleId :
TP-24

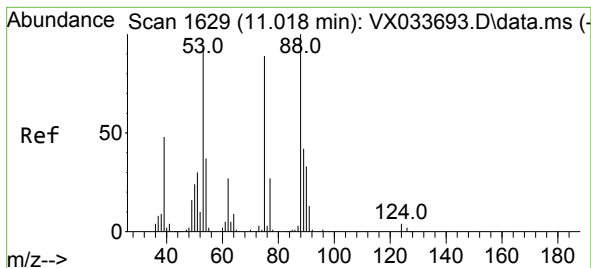
Tgt Ion: 75 Resp: 41463
Ion Ratio Lower Upper
75 100
77 1.4 21.8 65.4#



#79
2-Chlorotoluene
Concen: Below Cal
RT: 11.311 min Scan# 1677
Delta R.T. -0.055 min
Lab File: VX033875.D
Acq: 24 Jan 2023 18:16

Tgt Ion: 91 Resp: 48
Ion Ratio Lower Upper
91 100
126 0.0 18.1 54.1#

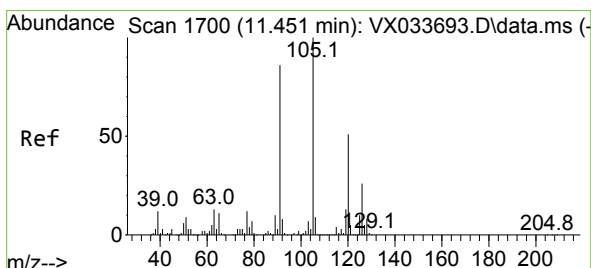
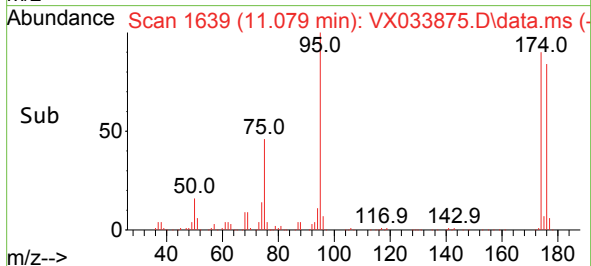
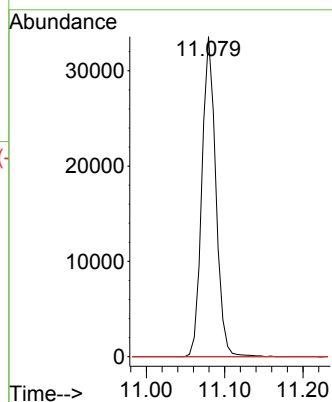
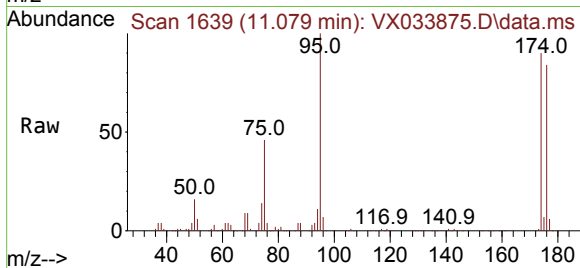




#81
trans-1,4-Dichloro-2-butene
Concen: 71.559 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033875.D
Acq: 24 Jan 2023 18:16

Instrument :
MSVOA_X
ClientSampleId :
TP-24

Tgt Ion: 75 Resp: 41463
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#



#82
4-Chlorotoluene
Concen: Below Cal
RT: 11.311 min Scan# 1677
Delta R.T. -0.140 min
Lab File: VX033875.D
Acq: 24 Jan 2023 18:16

Tgt Ion: 91 Resp: 48
Ion Ratio Lower Upper
91 100
126 0.0 15.8 47.4#

