

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011423\
 Data File : VX033725.D
 Acq On : 13 Jan 2023 16:19
 Operator : JC/MD
 Sample : 01156-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 16 05:37:34 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)

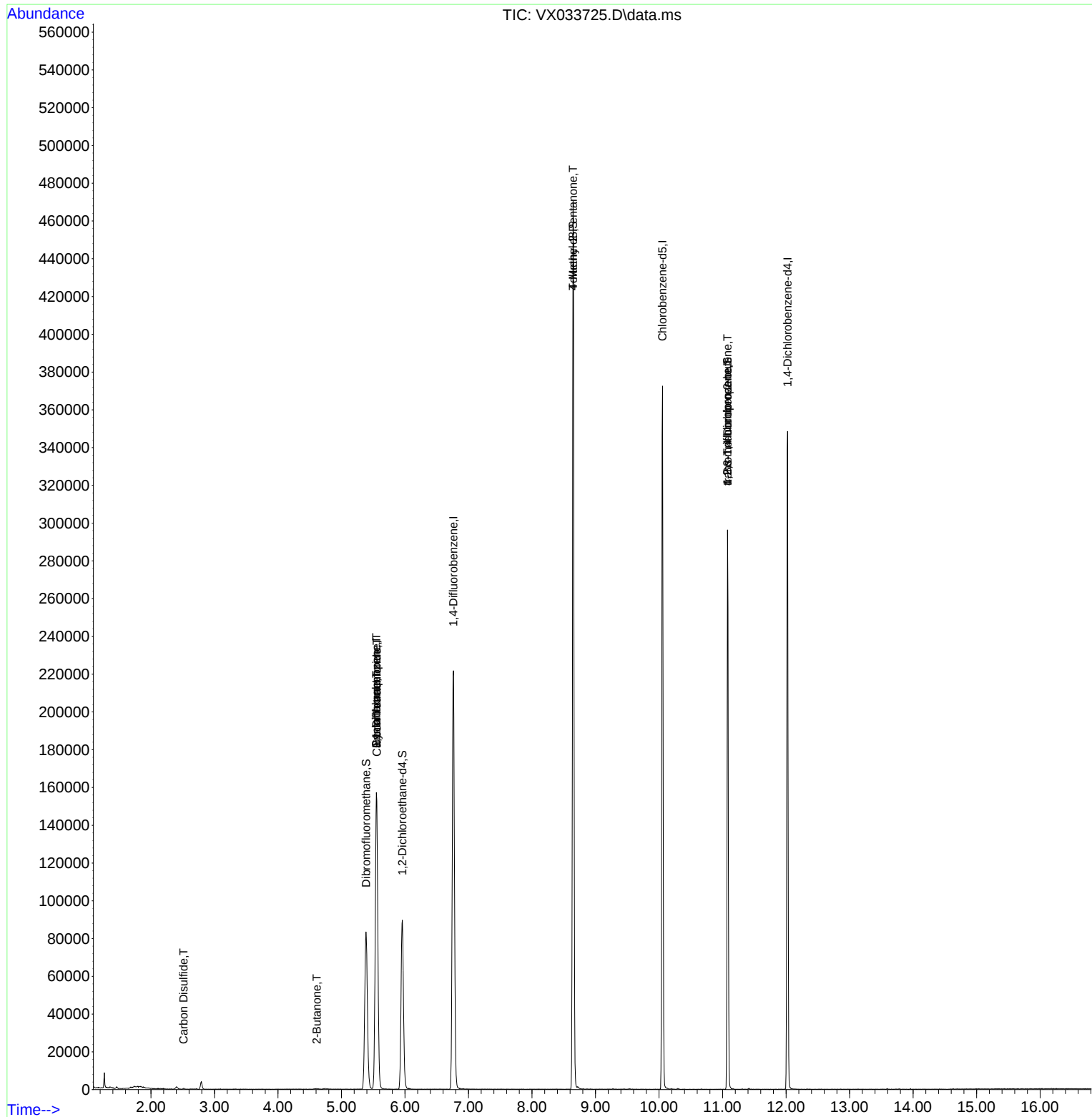
Internal Standards						
1) Pentafluorobenzene	5.550	168	162629	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	239878	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	165915	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74835	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	88265	51.547	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.100%	
35) Dibromofluoromethane	5.385	113	73403	49.280	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.560%	
50) Toluene-d8	8.647	98	275859	50.830	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.660%	
62) 4-Bromofluorobenzene	11.079	95	69950	34.715	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 69.440%#	
Target Compounds						
					Qvalue	
16) Acetone	2.398	43	1900	Below Cal	#	85
17) Carbon Disulfide	2.514	76	463	1.955	ug/l #	76
20) Methylene Chloride	2.788	84	1792	Below Cal		87
25) 2-Butanone	4.611	43	475	0.425	ug/l #	51
31) Cyclohexane	5.550	56	2727	1.082	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	10866	4.998	ug/l #	49
37) Ethyl Acetate	4.733	43	1255	Below Cal	#	68
38) Carbon Tetrachloride	5.556	117	14770	6.560	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1141	0.541	ug/l #	1
64) Tetrachloroethene	9.275	164	23	Below Cal	#	32
73) Isopropylbenzene	10.963	105	20	Below Cal	#	48
76) 1,2,3-Trichloropropane	11.079	75	38809	28.225	ug/l #	34
79) 2-Chlorotoluene	11.360	91	22	Below Cal	#	39
81) trans-1,4-Dichloro-2-b...	11.079	75	38809	87.720	ug/l #	8
82) 4-Chlorotoluene	11.457	91	65	Below Cal	#	43

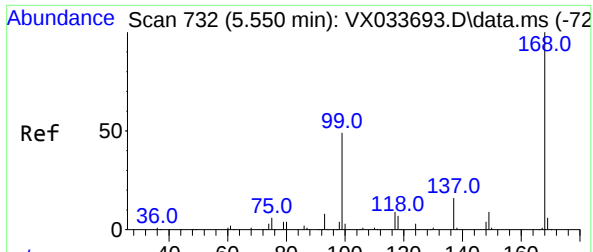
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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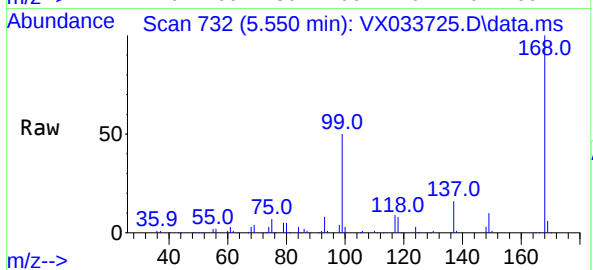
Quant Time: Jan 16 05:37:34 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 11 14:48:42 2023
Response via : Initial Calibration



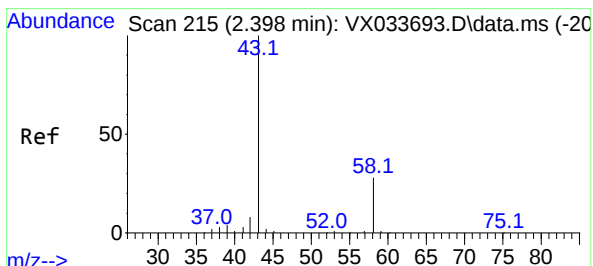
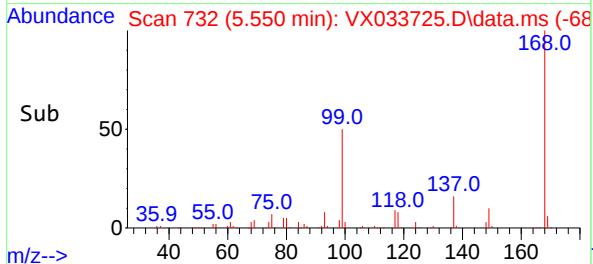
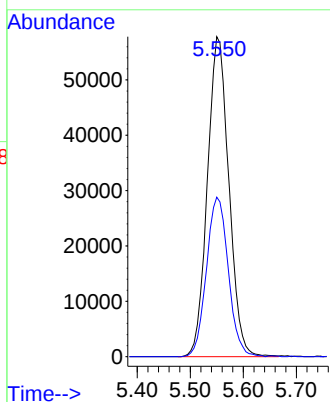


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033725.D
Acq: 13 Jan 2023 16:19

Instrument :
MSVOA_X
ClientSampleId :

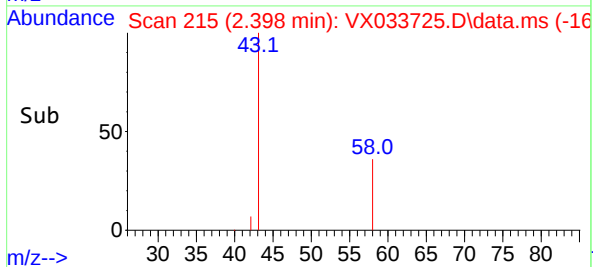
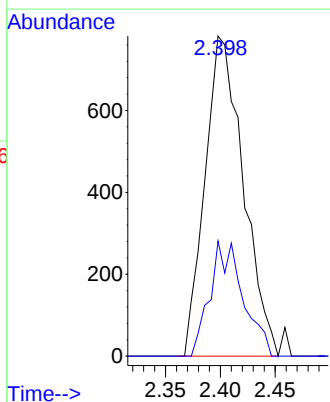
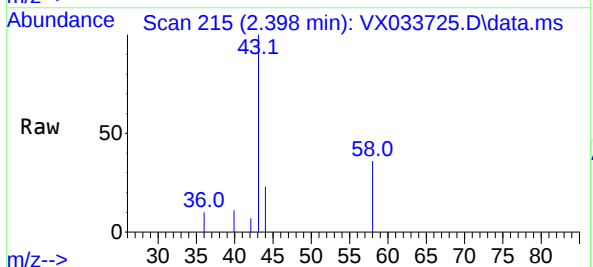


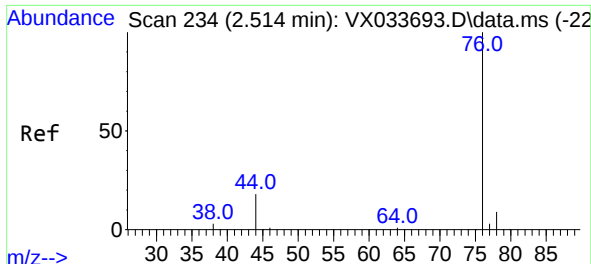
Tgt Ion:168 Resp: 162629
Ion Ratio Lower Upper
168 100
99 49.9 39.6 59.4



#16
Acetone
Concen: Below Cal
RT: 2.398 min Scan# 215
Delta R.T. -0.000 min
Lab File: VX033725.D
Acq: 13 Jan 2023 16:19

Tgt Ion: 43 Resp: 1900
Ion Ratio Lower Upper
43 100
58 35.9 22.6 33.8#

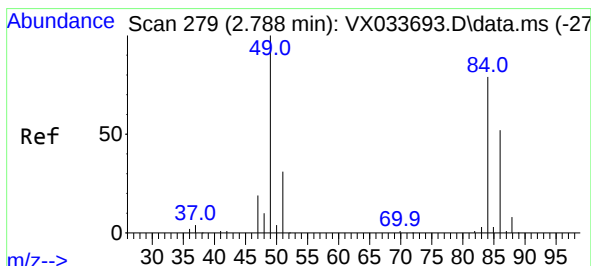
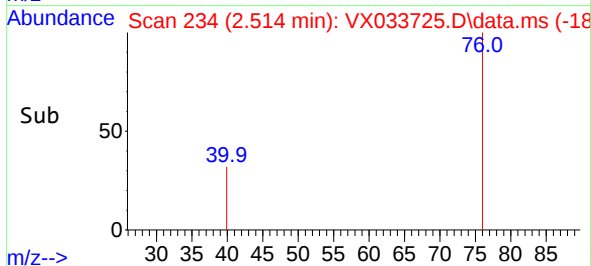
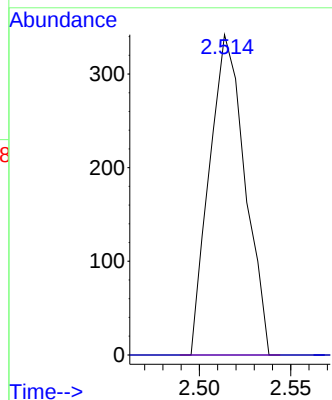
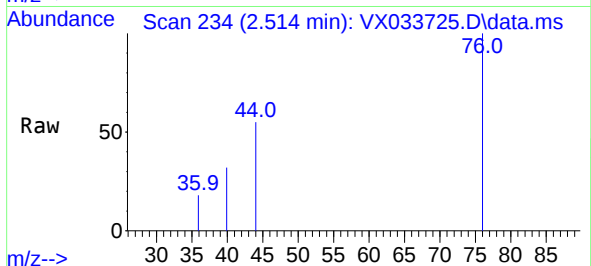




#17
Carbon Disulfide
Concen: 1.955 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX033725.D
Acq: 13 Jan 2023 16:19

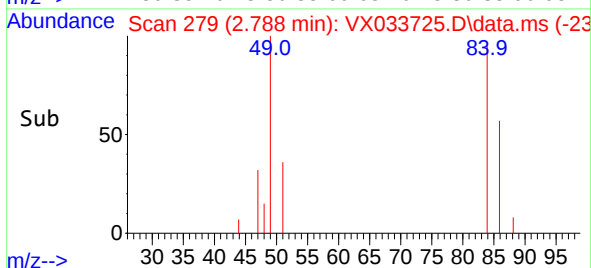
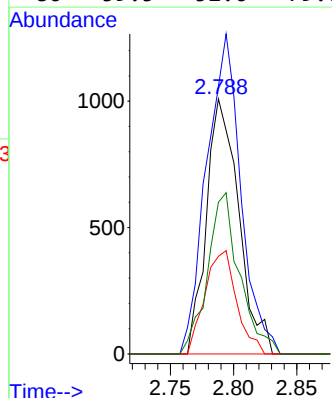
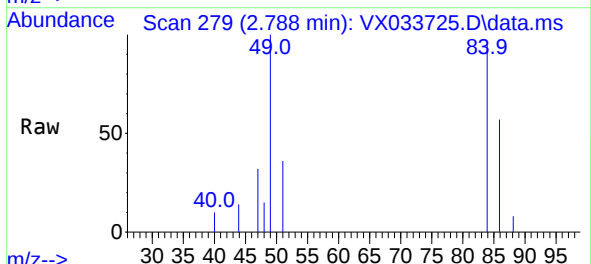
Instrument :
MSVOA_X
ClientSampleId :

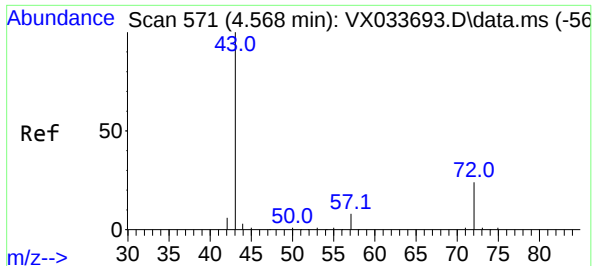
Tgt Ion: 76 Resp: 463
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX033725.D
Acq: 13 Jan 2023 16:19

Tgt Ion: 84 Resp: 1792
Ion Ratio Lower Upper
84 100
49 104.9 101.1 151.7
51 38.3 31.0 46.6
86 59.5 52.6 79.0





#25

2-Butanone

Concen: 0.425 ug/l

RT: 4.611 min Scan# 51

Delta R.T. 0.043 min

Lab File: VX033725.D

Acq: 13 Jan 2023 16:19

Instrument :

MSVOA_X

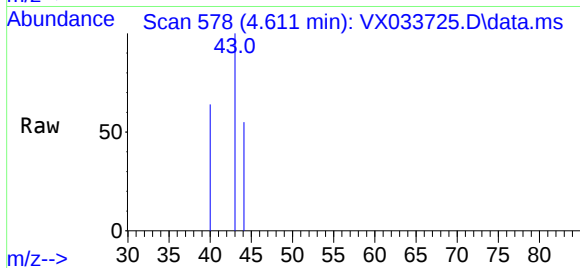
ClientSampleId :

Tgt Ion: 43 Resp: 475

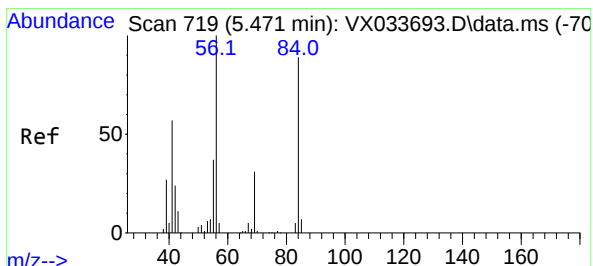
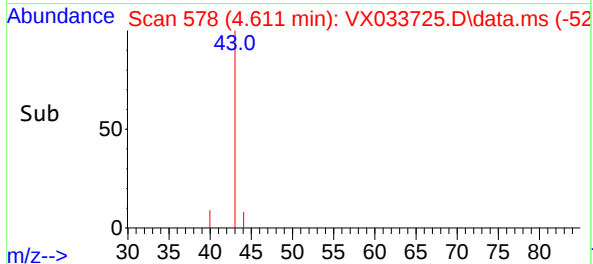
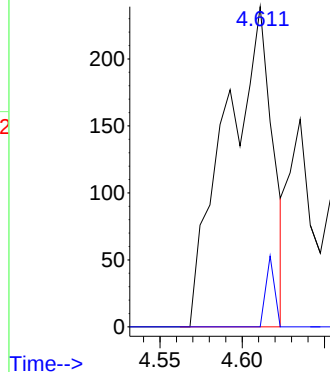
Ion Ratio Lower Upper

43 100

72 0.0 19.4 29.2#



Abundance



#31

Cyclohexane

Concen: 1.082 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX033725.D

Acq: 13 Jan 2023 16:19

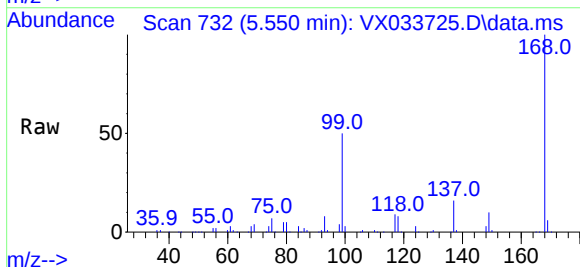
Tgt Ion: 56 Resp: 2727

Ion Ratio Lower Upper

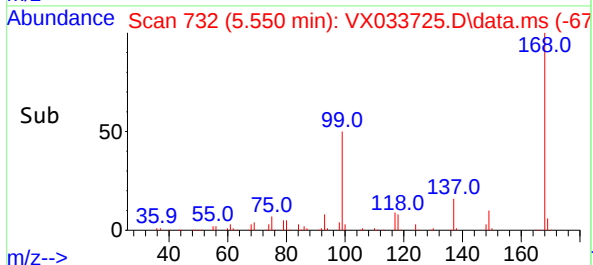
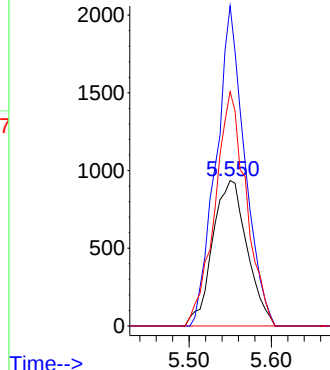
56 100

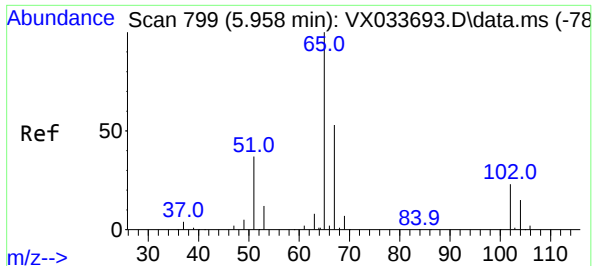
69 220.0 24.6 37.0#

84 161.0 71.0 106.6#



Abundance

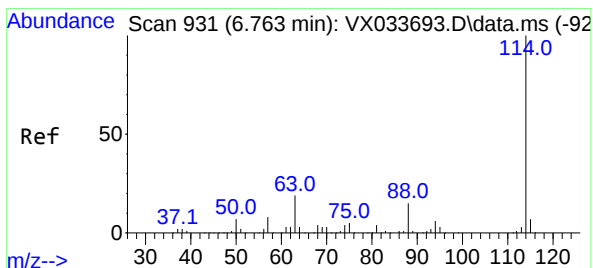
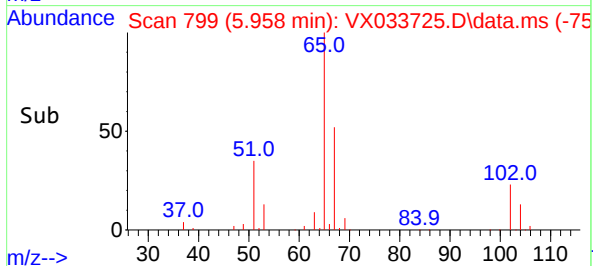
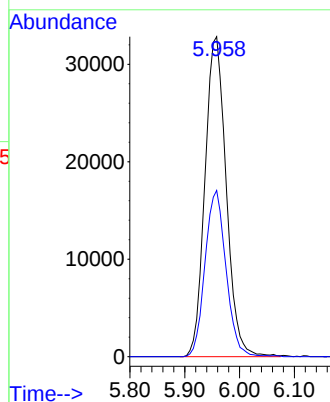
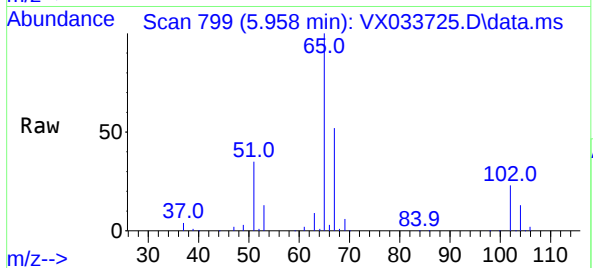




#33
 1,2-Dichloroethane-d4
 Concen: 51.547 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX033725.D
 Acq: 13 Jan 2023 16:19

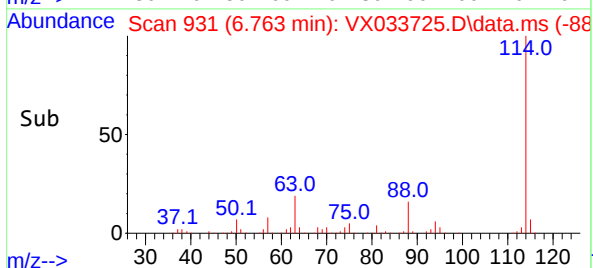
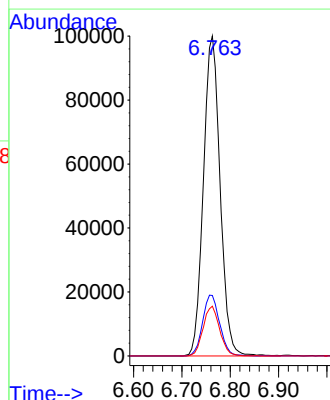
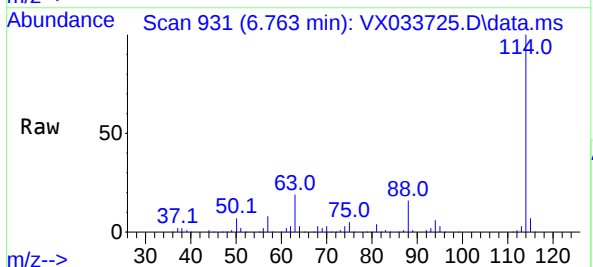
Instrument :
 MSVOA_X
 ClientSampleId :

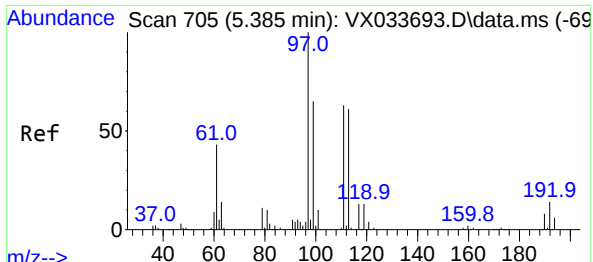
Tgt Ion: 65 Resp: 88265
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX033725.D
 Acq: 13 Jan 2023 16:19

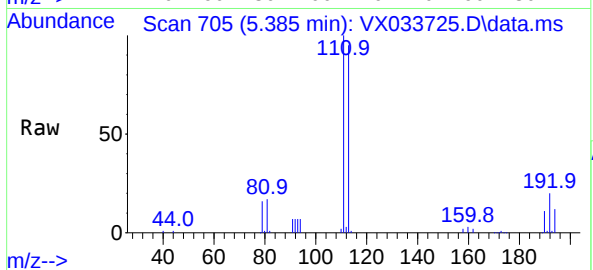
Tgt Ion: 114 Resp: 239878
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 37.4
 88 15.6 0.0 30.6



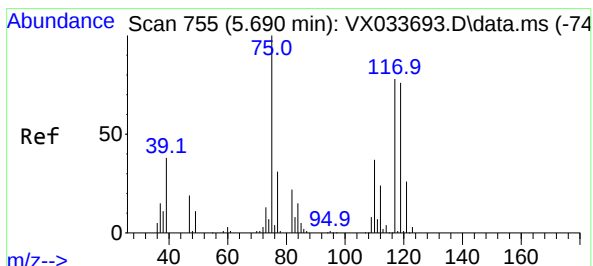
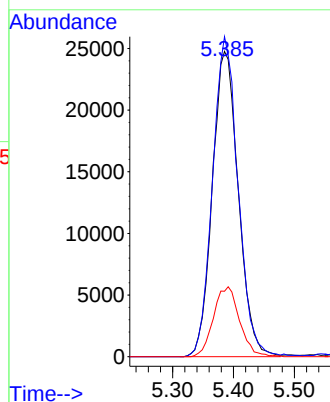
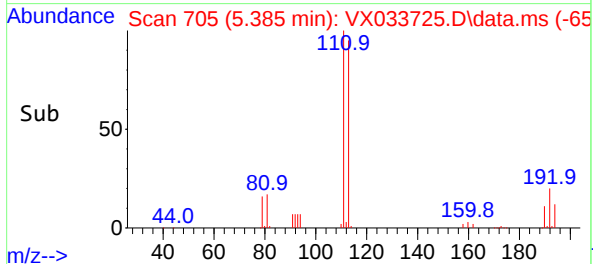


#35
Dibromofluoromethane
Concen: 49.280 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033725.D
Acq: 13 Jan 2023 16:19

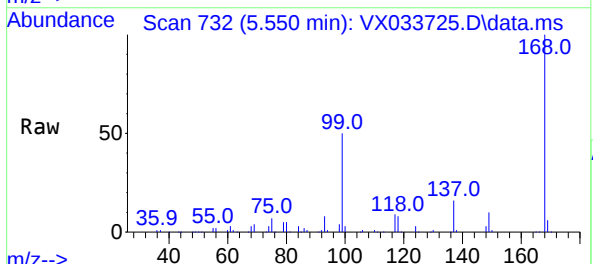
Instrument :
MSVOA_X
ClientSampleId :



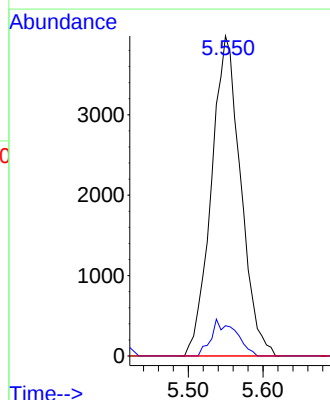
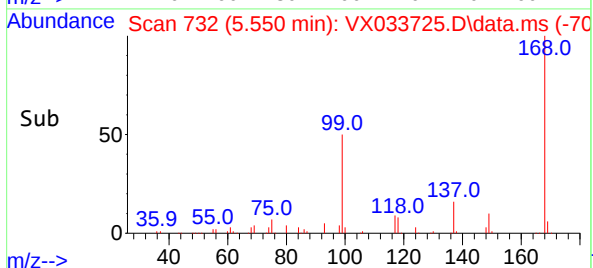
Tgt Ion:113 Resp: 73403
Ion Ratio Lower Upper
113 100
111 103.0 83.0 124.6
192 23.0 19.0 28.4

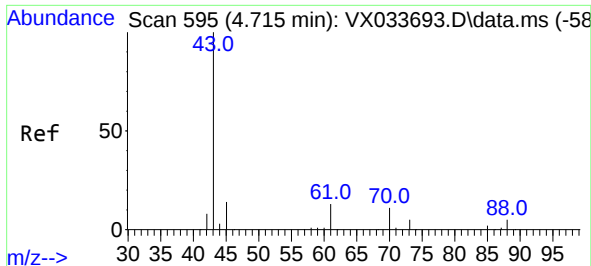


#36
1,1-Dichloropropene
Concen: 4.998 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX033725.D
Acq: 13 Jan 2023 16:19



Tgt Ion: 75 Resp: 10866
Ion Ratio Lower Upper
75 100
110 9.6 18.8 56.4#
77 0.0 25.1 37.7#

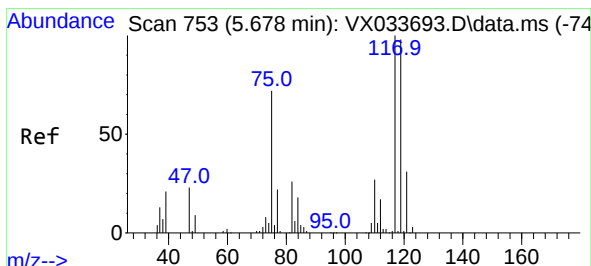
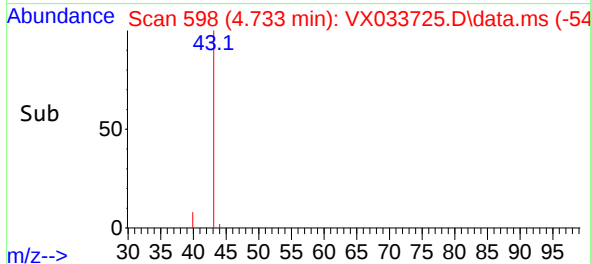
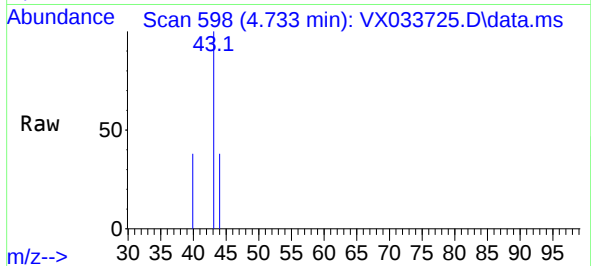




#37
Ethyl Acetate
Concen: Below Cal
RT: 4.733 min Scan# 595
Delta R.T. 0.018 min
Lab File: VX033725.D
Acq: 13 Jan 2023 16:19

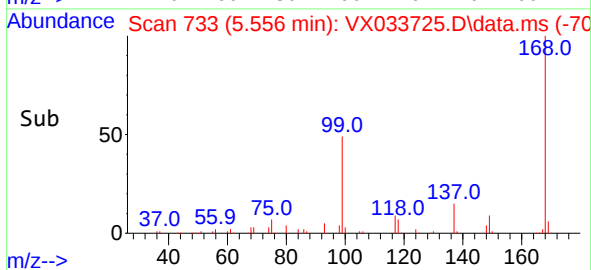
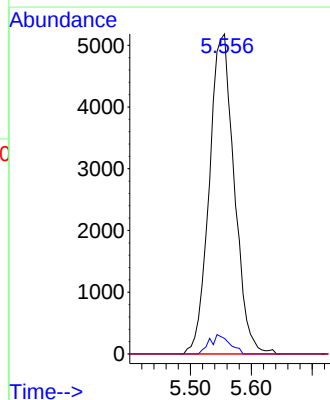
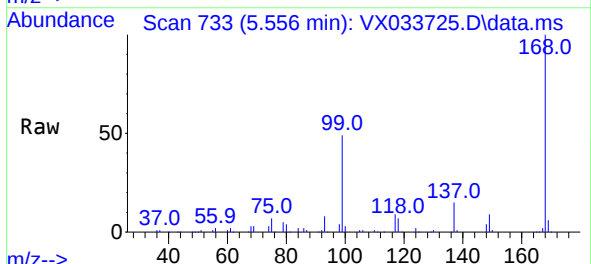
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MSVOA_X
ClientSampleId :

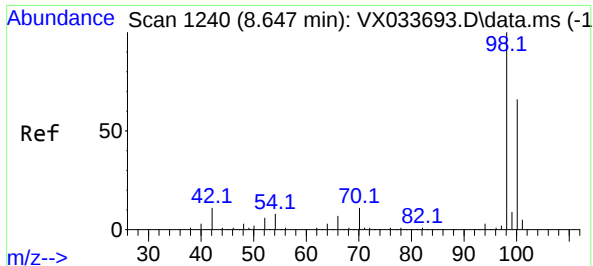
Tgt Ion: 43 Resp: 1255
Ion Ratio Lower Upper
43 100
61 0.0 11.1 16.7#
70 0.0 8.5 12.7#



#38
Carbon Tetrachloride
Concen: 6.560 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX033725.D
Acq: 13 Jan 2023 16:19

Tgt Ion: 117 Resp: 14770
Ion Ratio Lower Upper
117 100
119 4.8 78.0 117.0#
121 0.0 24.4 36.6#

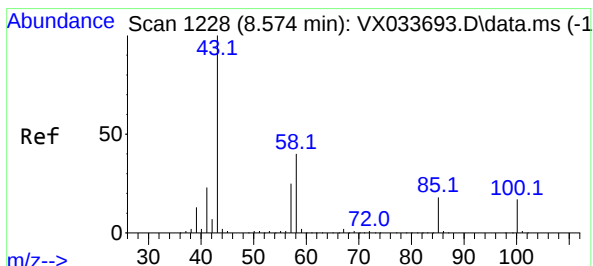
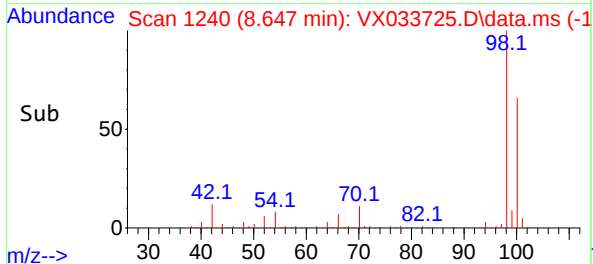
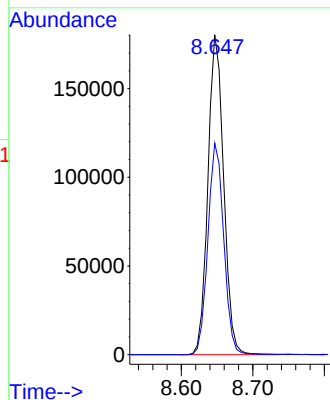
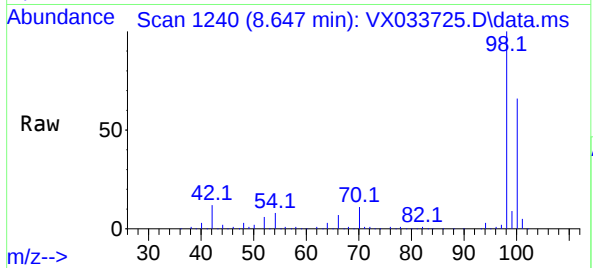




#50
Toluene-d8
Concen: 50.830 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX033725.D
Acq: 13 Jan 2023 16:19

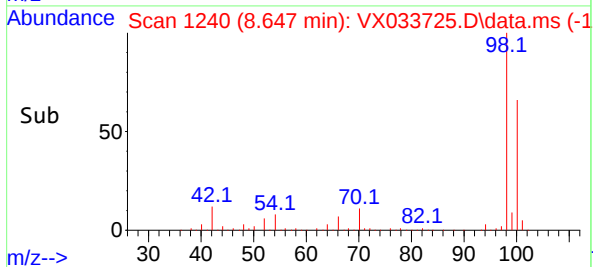
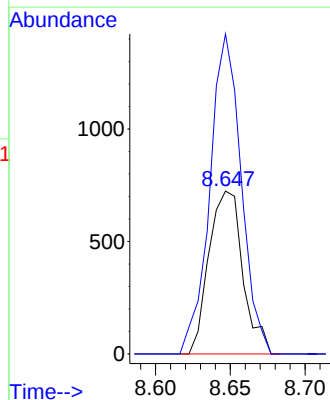
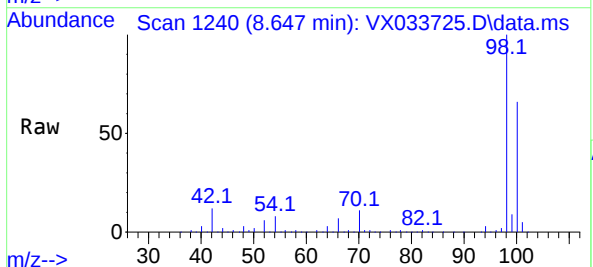
Instrument :
MSVOA_X
ClientSampleId :

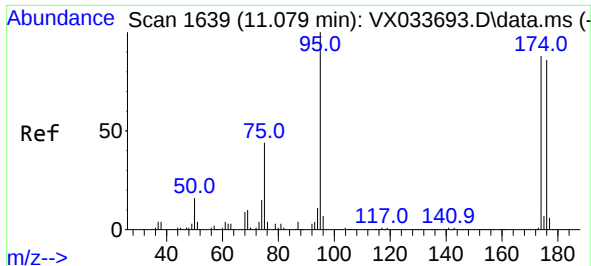
Tgt Ion: 98 Resp: 275859
Ion Ratio Lower Upper
98 100
100 66.6 53.6 80.4



#51
4-Methyl-2-Pentanone
Concen: 0.541 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX033725.D
Acq: 13 Jan 2023 16:19

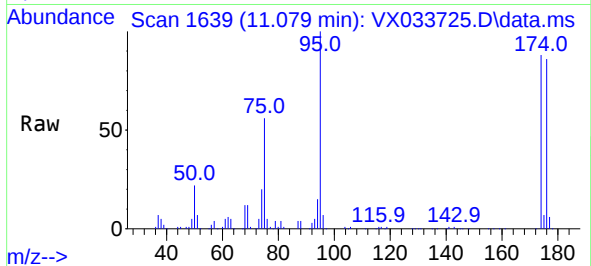
Tgt Ion: 43 Resp: 1141
Ion Ratio Lower Upper
43 100
58 181.9 31.2 46.8#



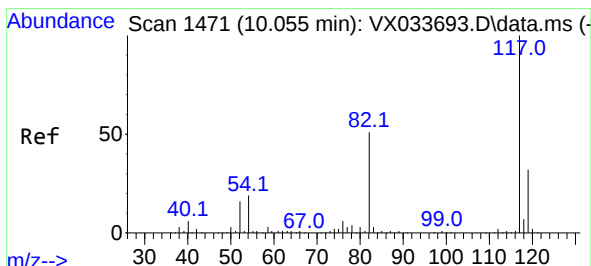
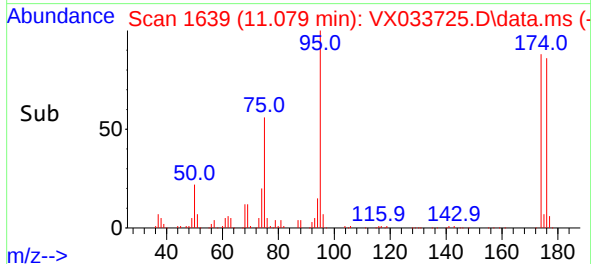
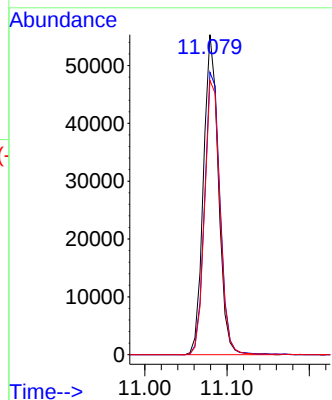


#62
4-Bromofluorobenzene
Concen: 34.715 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033725.D
Acq: 13 Jan 2023 16:19

Instrument :
MSVOA_X
ClientSampleId :

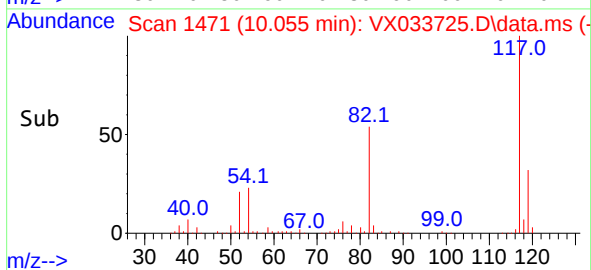
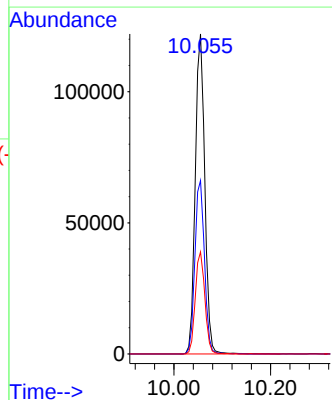
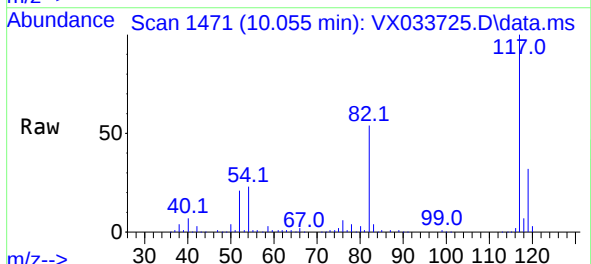


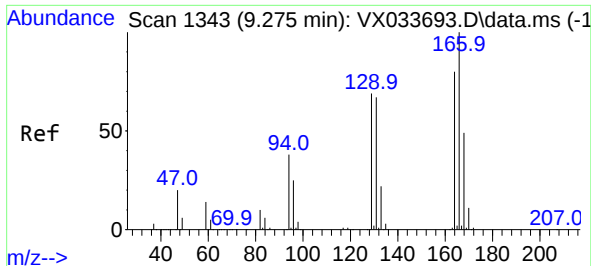
Tgt Ion: 95 Resp: 69950
Ion Ratio Lower Upper
95 100
174 91.2 0.0 184.4
176 88.1 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033725.D
Acq: 13 Jan 2023 16:19

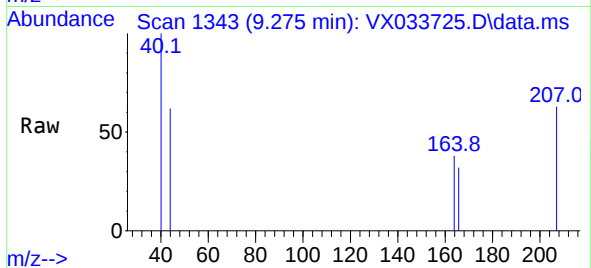
Tgt Ion: 117 Resp: 165915
Ion Ratio Lower Upper
117 100
82 54.2 40.6 60.8
119 31.9 25.6 38.4



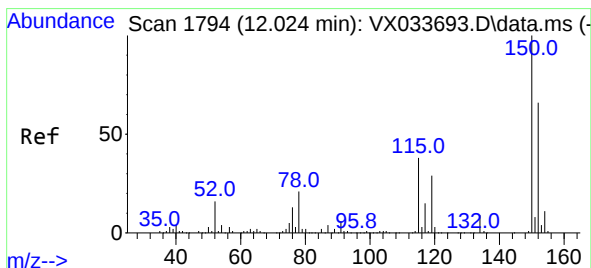
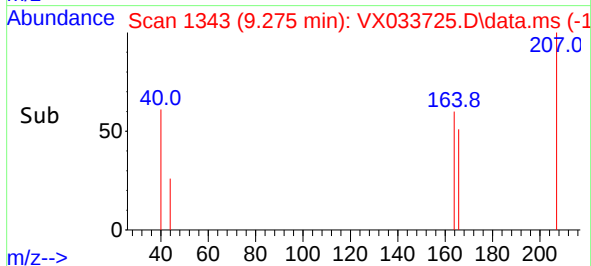
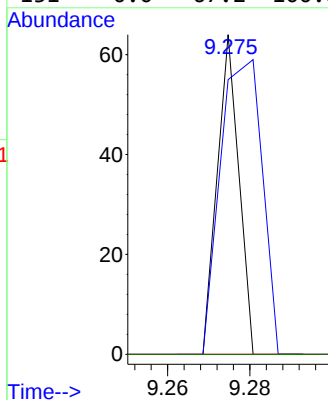


#64
Tetrachloroethene
Concen: Below Cal
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033725.D
Acq: 13 Jan 2023 16:19

Instrument :
MSVOA_X
ClientSampleId :

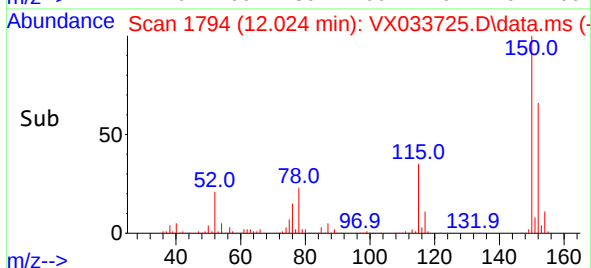
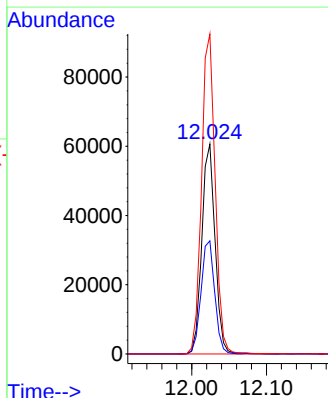
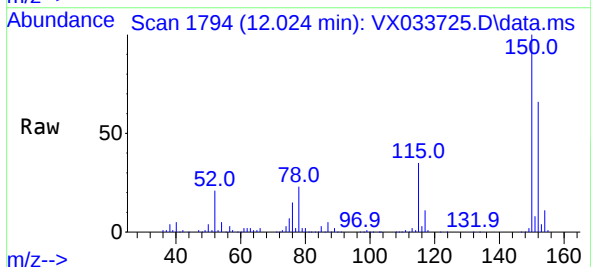


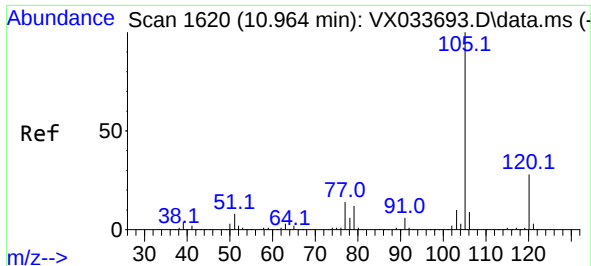
Tgt Ion:164 Resp: 23
Ion Ratio Lower Upper
164 100
166 85.9 100.2 150.2#
129 0.0 69.2 103.8#
131 0.0 67.2 100.8#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX033725.D
Acq: 13 Jan 2023 16:19

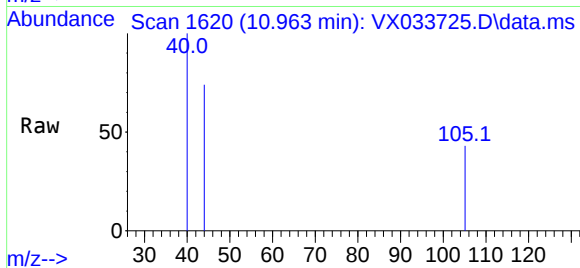
Tgt Ion:152 Resp: 74835
Ion Ratio Lower Upper
152 100
115 55.6 38.7 116.1
150 156.1 0.0 348.2



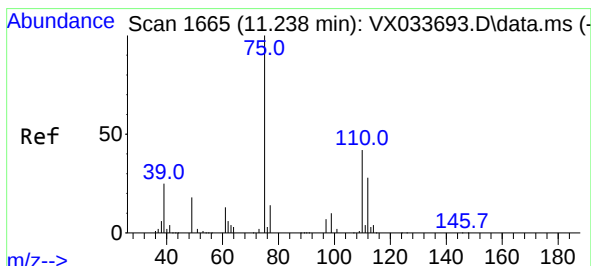
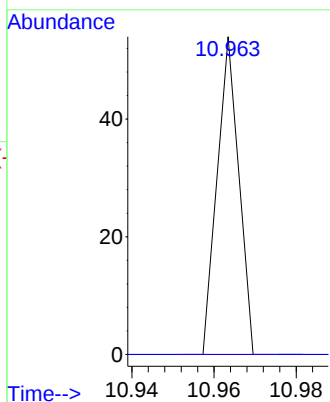


#73
Isopropylbenzene
Concen: Below Cal
RT: 10.963 min Scan# 1639
Delta R.T. -0.001 min
Lab File: VX033725.D
Acq: 13 Jan 2023 16:19

Instrument : MSVOA_X
ClientSampleId :

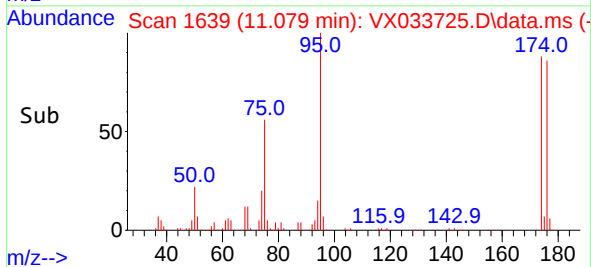
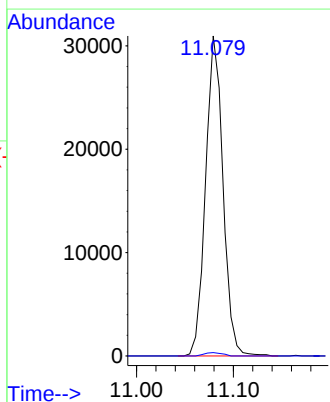
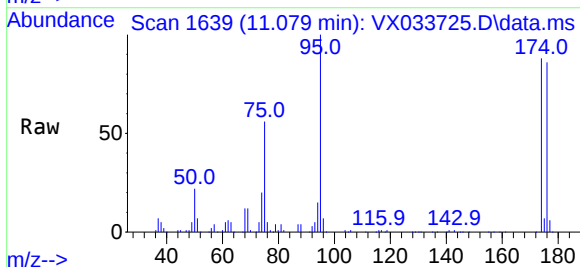


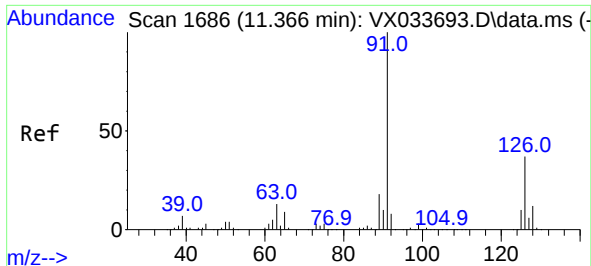
Tgt Ion:105 Resp: 20
Ion Ratio Lower Upper
105 100
120 0.0 13.6 40.8#



#76
1,2,3-Trichloropropane
Concen: 28.225 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX033725.D
Acq: 13 Jan 2023 16:19

Tgt Ion: 75 Resp: 38809
Ion Ratio Lower Upper
75 100
77 1.1 21.8 65.4#

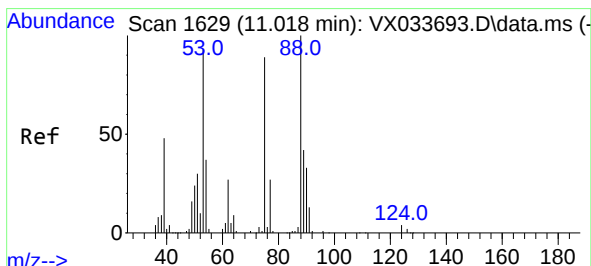
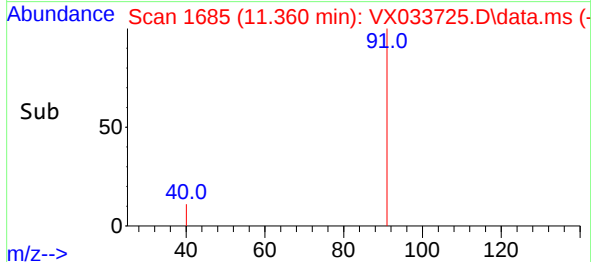
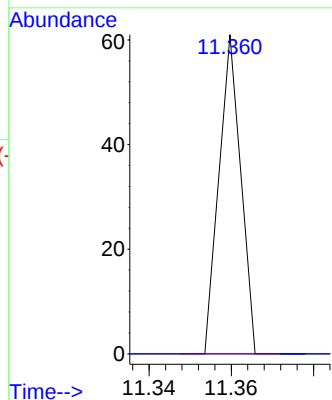
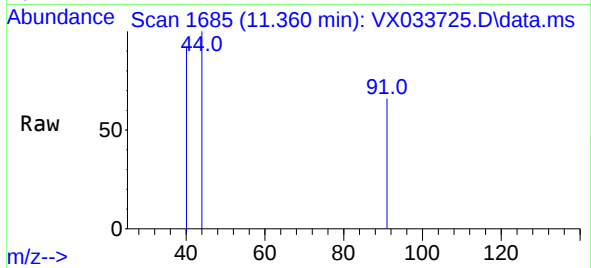




#79
2-Chlorotoluene
Concen: Below Cal
RT: 11.360 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VX033725.D
Acq: 13 Jan 2023 16:19

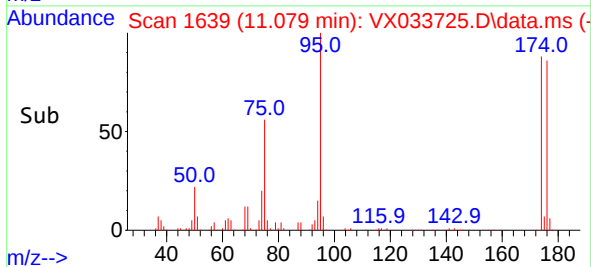
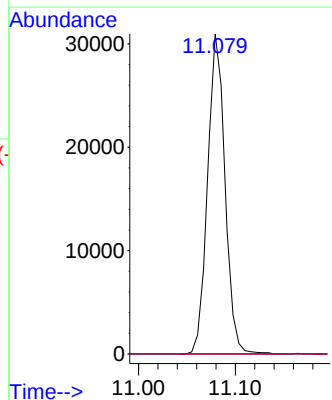
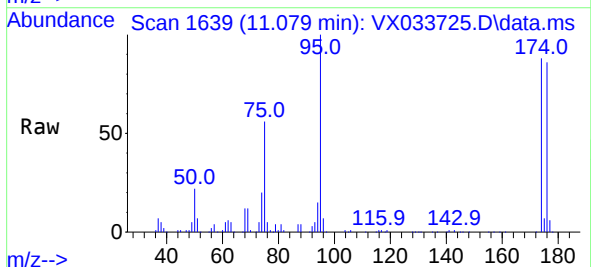
Instrument :
MSVOA_X
ClientSampleId :

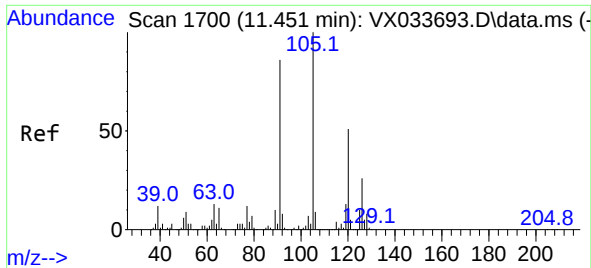
Tgt Ion: 91 Resp: 22
Ion Ratio Lower Upper
91 100
126 0.0 18.1 54.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.720 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033725.D
Acq: 13 Jan 2023 16:19

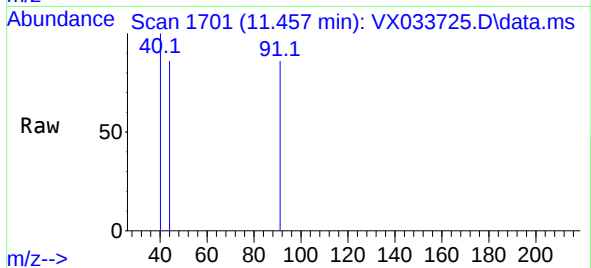
Tgt Ion: 75 Resp: 38809
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#





#82
 4-Chlorotoluene
 Concen: Below Cal
 RT: 11.457 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX033725.D
 Acq: 13 Jan 2023 16:19

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 91 Resp: 65
 Ion Ratio Lower Upper
 91 100
 126 0.0 15.8 47.4#

