

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013023\
 Data File : VX033943.D
 Acq On : 30 Jan 2023 13:55
 Operator : JC/MD
 Sample : 01361-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 31 04:45:19 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)

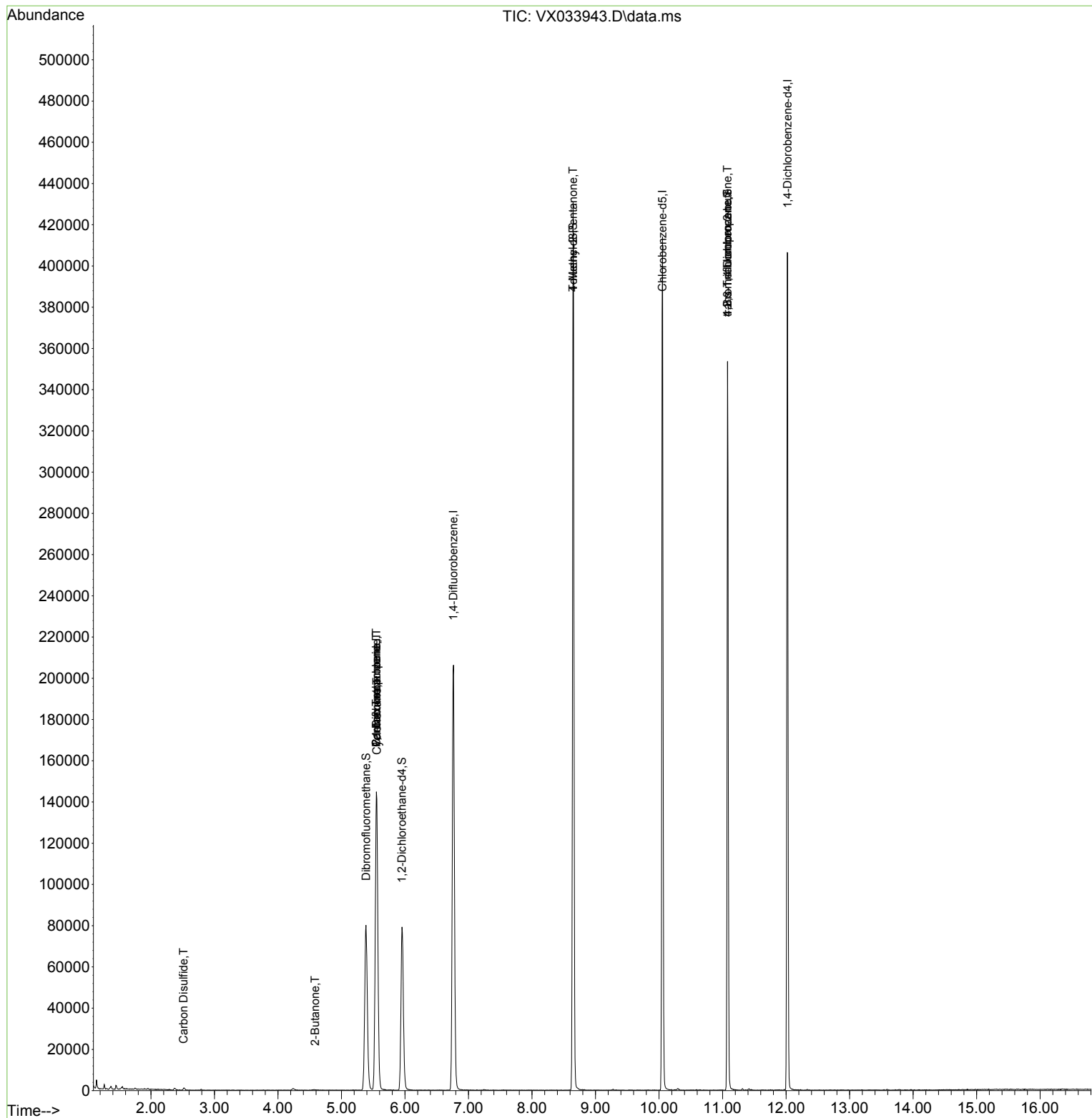
Internal Standards						
1) Pentafluorobenzene	5.550	168	157542	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	225974	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	200983	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99469	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	74911	45.161	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.320%
35) Dibromofluoromethane	5.385	113	70304	50.104	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.200%
50) Toluene-d8	8.647	98	260480	50.949	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.900%
62) 4-Bromofluorobenzene	11.079	95	90234	47.537	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.080%
Target Compounds						
					Qvalue	
16) Acetone	2.373	43	1149	Below Cal	#	89
17) Carbon Disulfide	2.514	76	676	2.023	ug/l #	76
20) Methylene Chloride	2.794	84	179	Below Cal	#	80
25) 2-Butanone	4.587	43	392	0.362	ug/l #	51
31) Cyclohexane	5.556	56	2364	0.969	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	9171	4.478	ug/l #	47
37) Ethyl Acetate	4.617	43	136	Below Cal	#	68
38) Carbon Tetrachloride	5.550	117	13605	6.414	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	949	0.478	ug/l #	1
64) Tetrachloroethene	9.275	164	20	Below Cal	#	1
73) Isopropylbenzene	10.963	105	128	Below Cal	#	48
76) 1,2,3-Trichloropropane	11.079	75	41303	22.600	ug/l #	34
79) 2-Chlorotoluene	11.366	91	114	Below Cal	#	39
81) trans-1,4-Dichloro-2-b...	11.079	75	41303	70.237	ug/l #	8
82) 4-Chlorotoluene	11.451	91	172	Below Cal	#	43

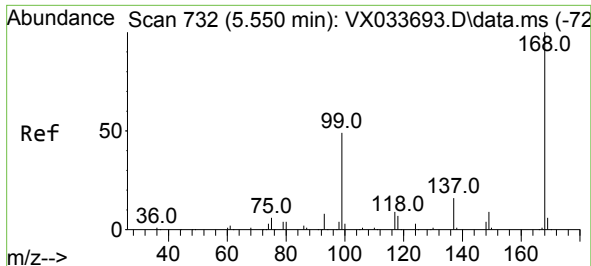
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013023\
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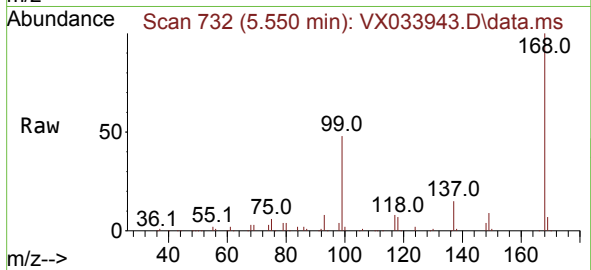
Quant Time: Jan 31 04:45:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 11 14:48:42 2023
Response via : Initial Calibration



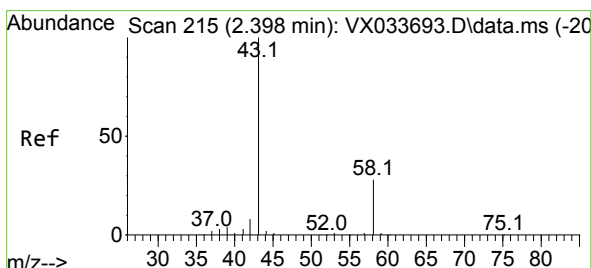
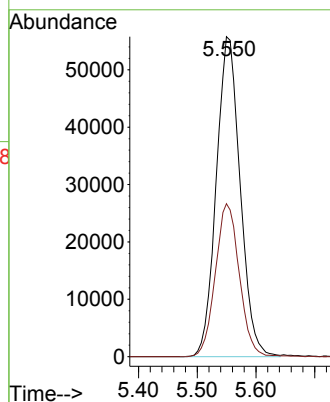
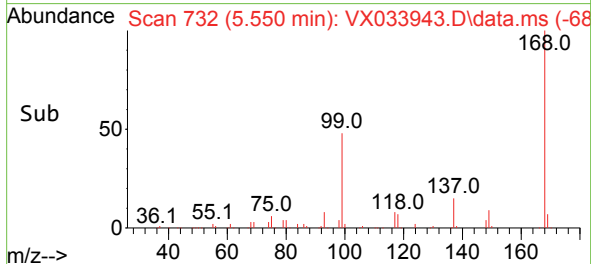


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033943.D
Acq: 30 Jan 2023 13:55

Instrument :
MSVOA_X
ClientSampleId :

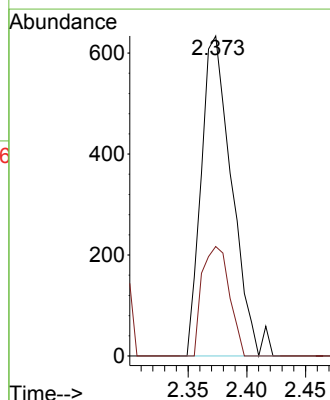
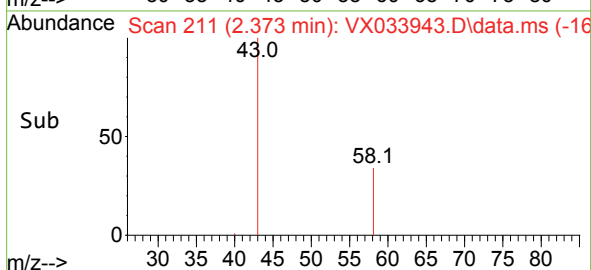
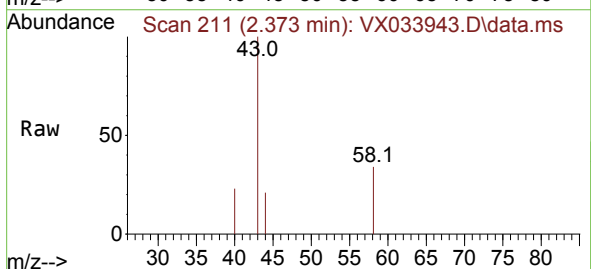


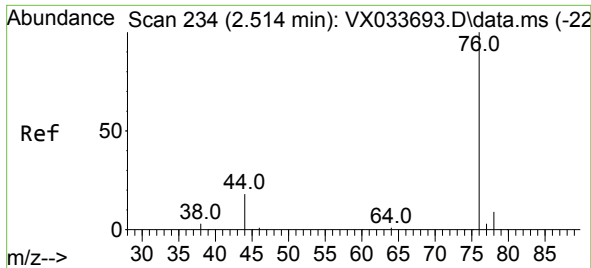
Tgt Ion:168 Resp: 157542
Ion Ratio Lower Upper
168 100
99 47.8 39.6 59.4



#16
Acetone
Concen: Below Cal
RT: 2.373 min Scan# 211
Delta R.T. -0.025 min
Lab File: VX033943.D
Acq: 30 Jan 2023 13:55

Tgt Ion: 43 Resp: 1149
Ion Ratio Lower Upper
43 100
58 34.2 22.6 33.8#





#17

Carbon Disulfide

Concen: 2.023 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

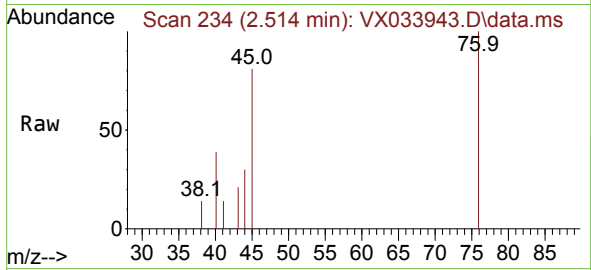
Lab File: VX033943.D

Acq: 30 Jan 2023 13:55

Instrument :

MSVOA_X

ClientSampleId :

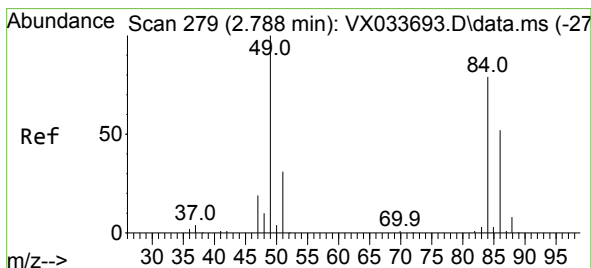
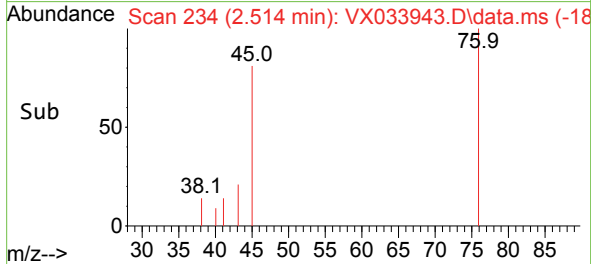
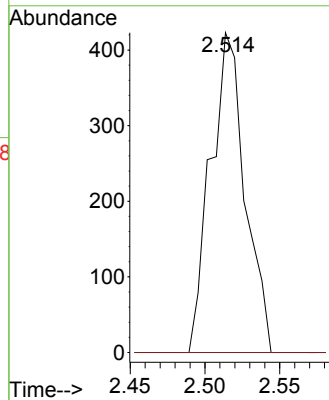


Tgt Ion: 76 Resp: 676

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#



#20

Methylene Chloride

Concen: Below Cal

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX033943.D

Acq: 30 Jan 2023 13:55

Tgt Ion: 84 Resp: 179

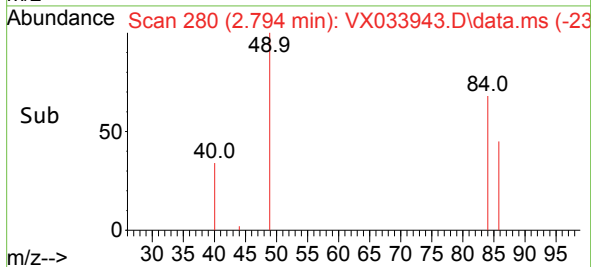
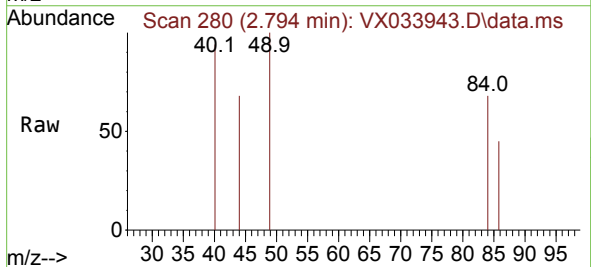
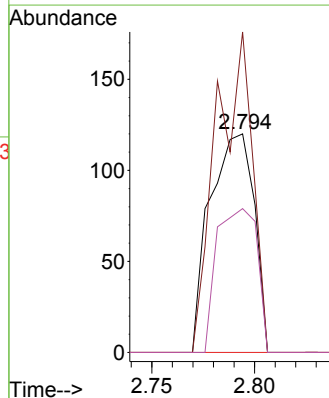
Ion Ratio Lower Upper

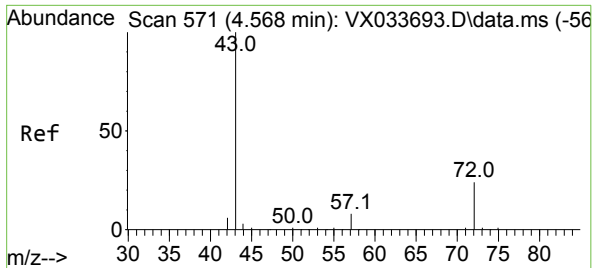
84 100

49 146.7 101.1 151.7

51 0.0 31.0 46.6#

86 65.8 52.6 79.0

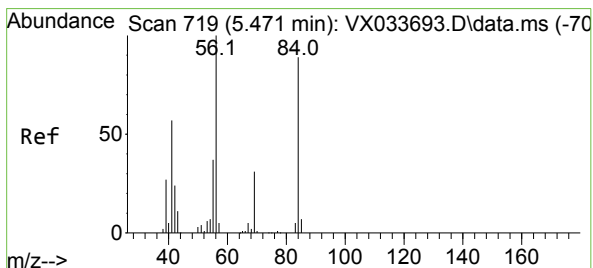
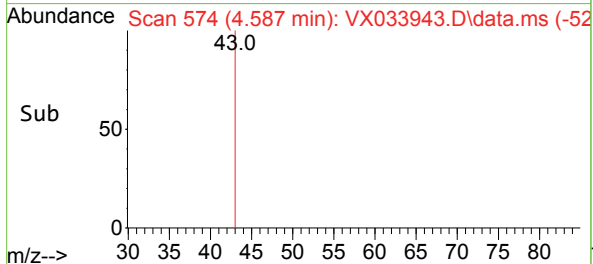
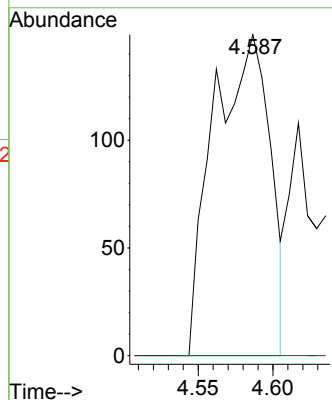
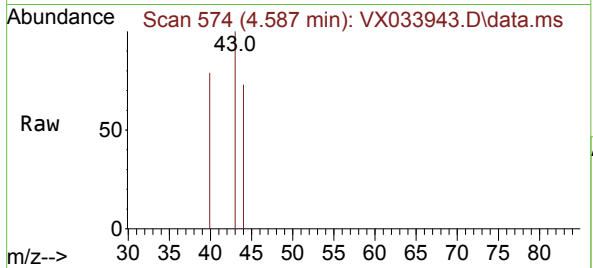




#25
2-Butanone
Concen: 0.362 ug/l
RT: 4.587 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX033943.D
Acq: 30 Jan 2023 13:55

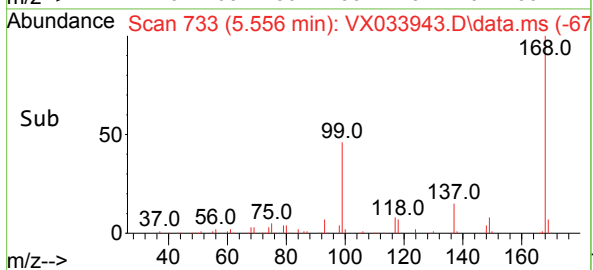
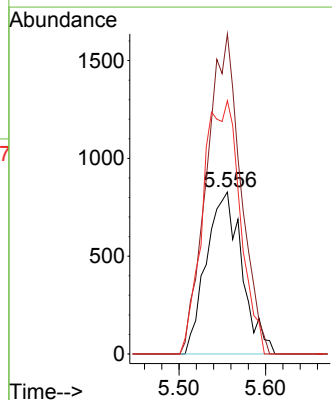
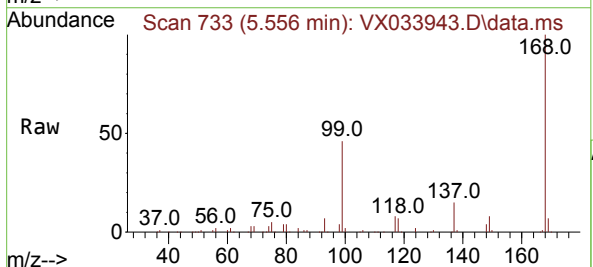
Instrument :
MSVOA_X
ClientSampleId :

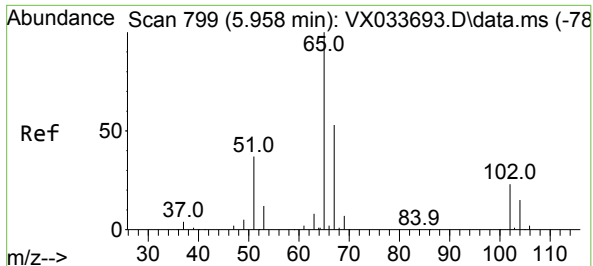
Tgt Ion: 43 Resp: 392
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#31
Cyclohexane
Concen: 0.969 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX033943.D
Acq: 30 Jan 2023 13:55

Tgt Ion: 56 Resp: 2364
Ion Ratio Lower Upper
56 100
69 197.6 24.6 37.0#
84 156.4 71.0 106.6#





#33

1,2-Dichloroethane-d4

Concen: 45.161 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX033943.D

Acq: 30 Jan 2023 13:55

Instrument :

MSVOA_X

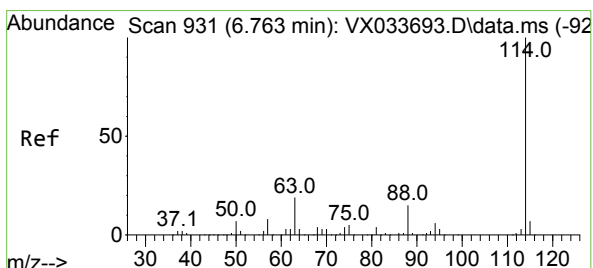
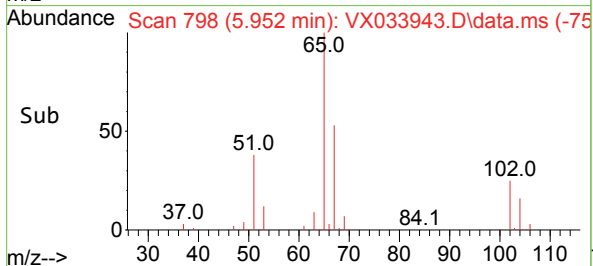
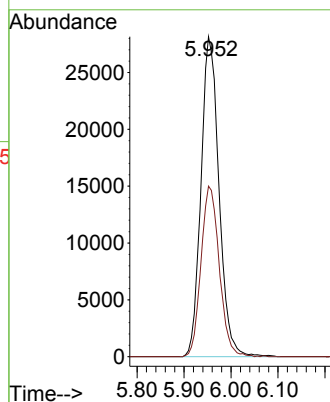
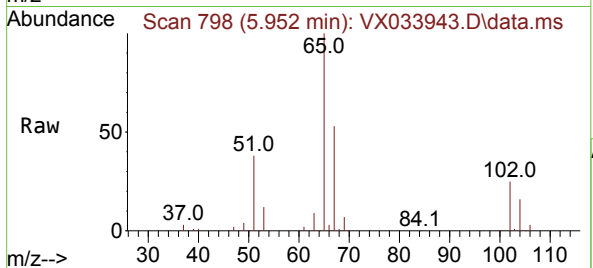
ClientSampleId :

Tgt Ion: 65 Resp: 74911

Ion Ratio Lower Upper

65 100

67 54.1 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: VX033943.D

Acq: 30 Jan 2023 13:55

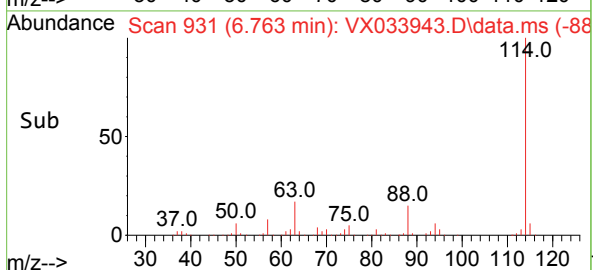
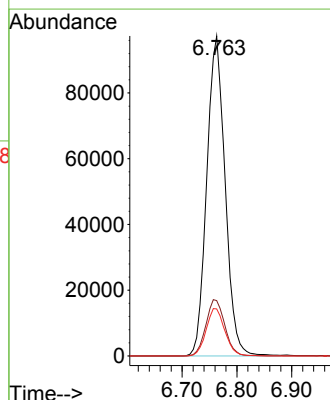
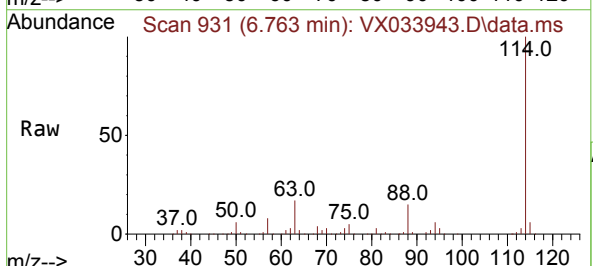
Tgt Ion:114 Resp: 225974

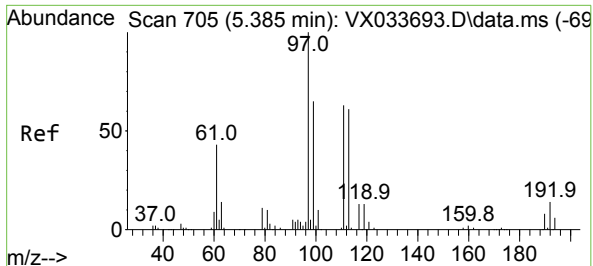
Ion Ratio Lower Upper

114 100

63 17.3 0.0 37.4

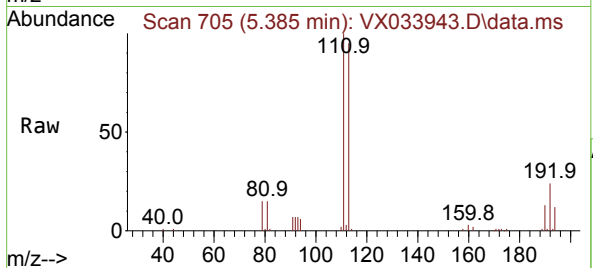
88 14.7 0.0 30.6



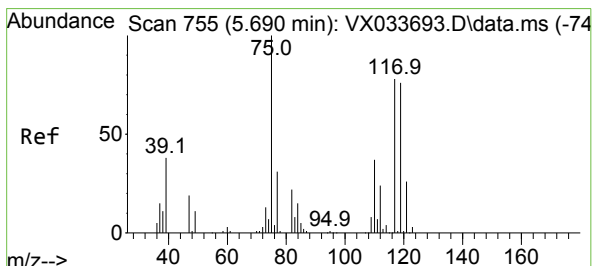
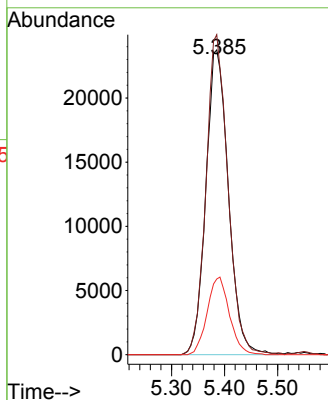
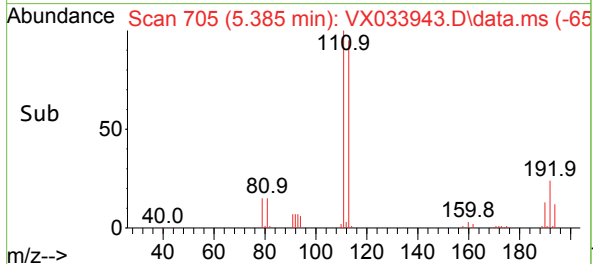


#35
Dibromofluoromethane
Concen: 50.104 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033943.D
Acq: 30 Jan 2023 13:55

Instrument :
MSVOA_X
ClientSampleId :

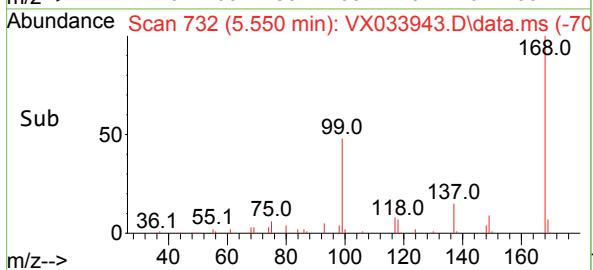
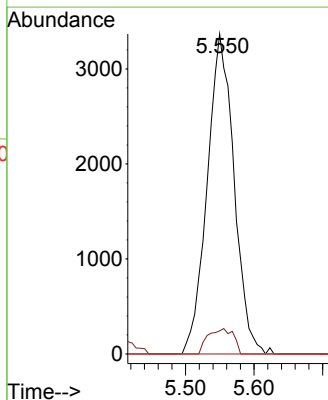
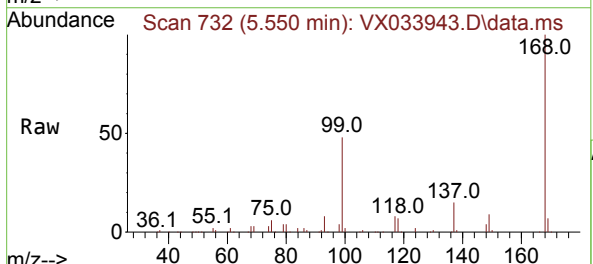


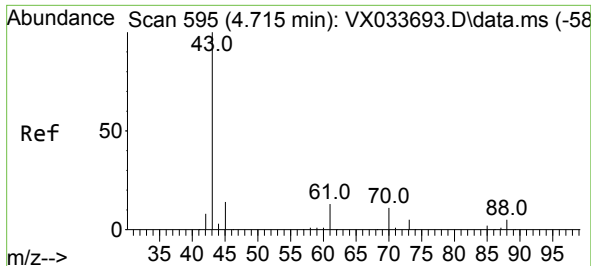
Tgt Ion:113 Resp: 70304
Ion Ratio Lower Upper
113 100
111 101.9 83.0 124.6
192 25.0 19.0 28.4



#36
1,1-Dichloropropene
Concen: 4.478 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX033943.D
Acq: 30 Jan 2023 13:55

Tgt Ion: 75 Resp: 9171
Ion Ratio Lower Upper
75 100
110 7.5 18.8 56.4#
77 0.0 25.1 37.7#





#37

Ethyl Acetate

Concen: Below Cal

RT: 4.617 min Scan# 51

Delta R.T. -0.098 min

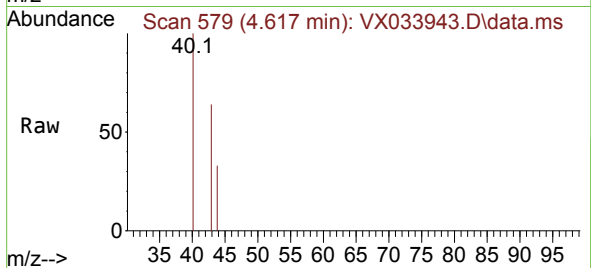
Lab File: VX033943.D

Acq: 30 Jan 2023 13:55

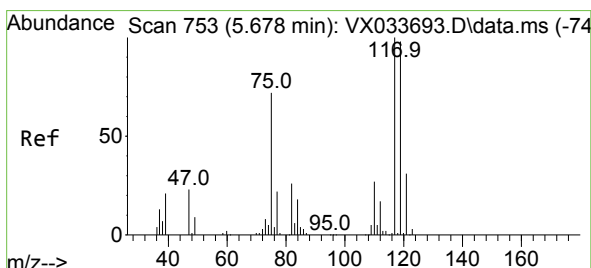
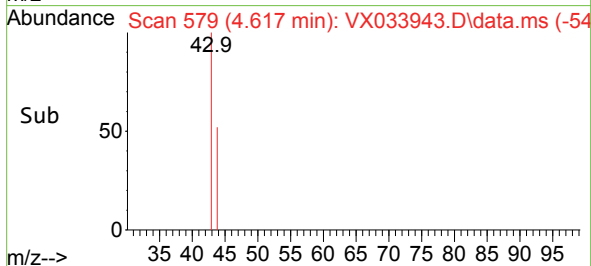
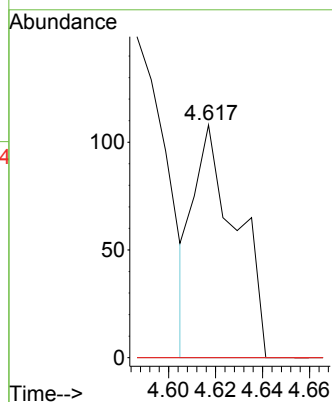
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 43	Resp:	136
Ion	Ratio	Lower Upper
43	100	
61	0.0	11.1 16.7#
70	0.0	8.5 12.7#



#38

Carbon Tetrachloride

Concen: 6.414 ug/l

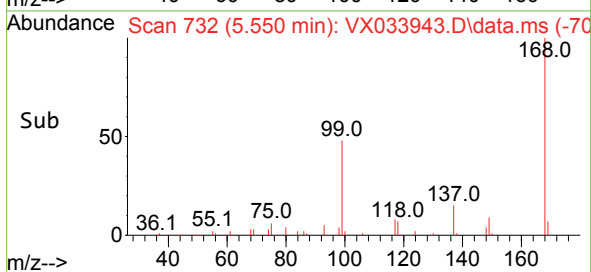
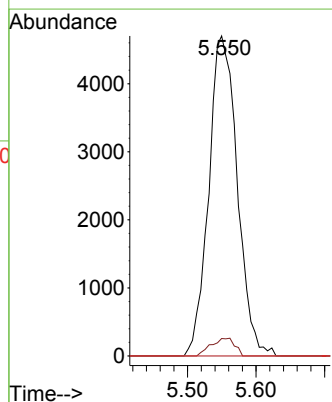
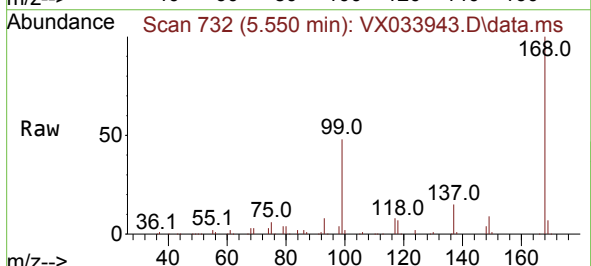
RT: 5.550 min Scan# 732

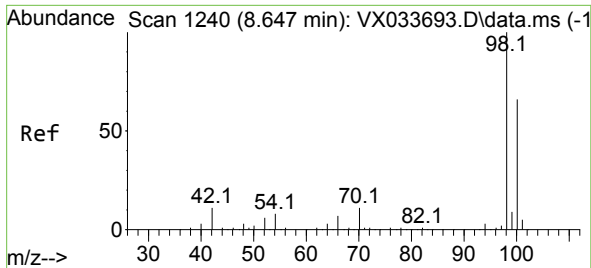
Delta R.T. -0.128 min

Lab File: VX033943.D

Acq: 30 Jan 2023 13:55

Tgt Ion: 117	Resp:	13605
Ion	Ratio	Lower Upper
117	100	
119	5.5	78.0 117.0#
121	0.0	24.4 36.6#

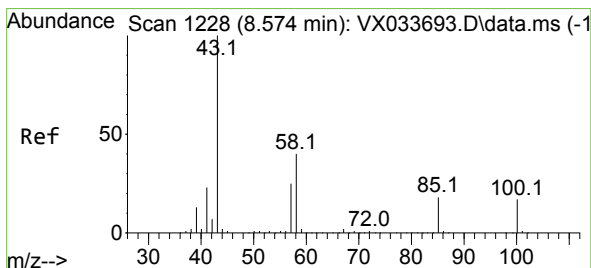
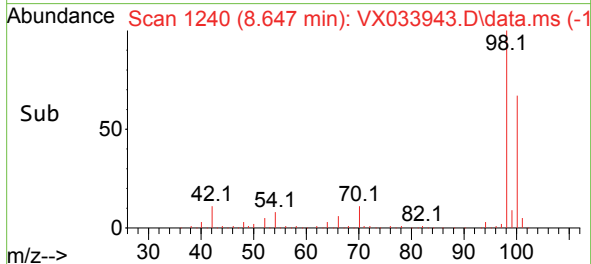
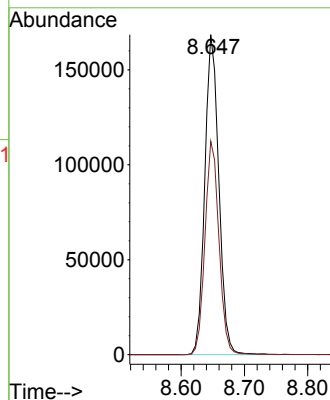
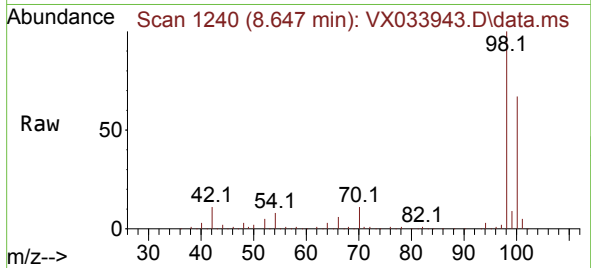




#50
Toluene-d8
Concen: 50.949 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033943.D
Acq: 30 Jan 2023 13:55

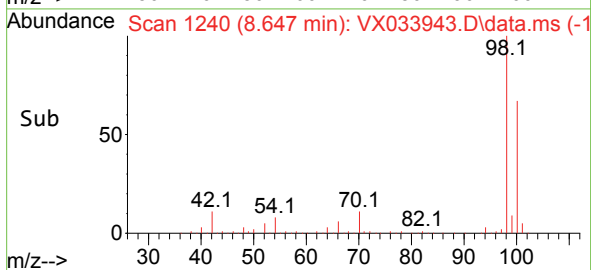
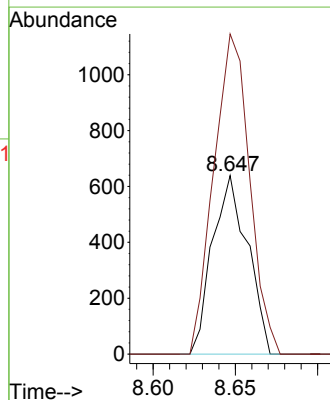
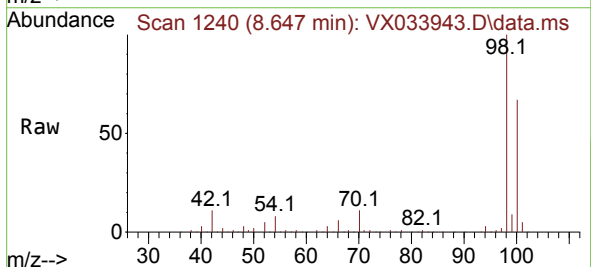
Instrument :
MSVOA_X
ClientSampleId :

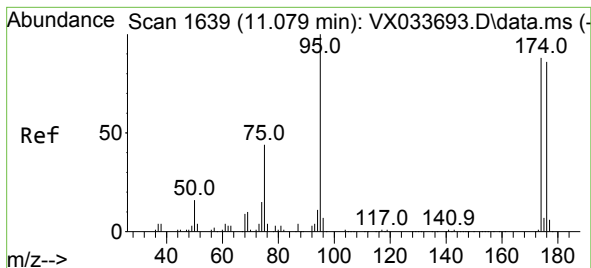
Tgt Ion: 98 Resp: 260480
Ion Ratio Lower Upper
98 100
100 66.6 53.6 80.4



#51
4-Methyl-2-Pentanone
Concen: 0.478 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX033943.D
Acq: 30 Jan 2023 13:55

Tgt Ion: 43 Resp: 949
Ion Ratio Lower Upper
43 100
58 183.2 31.2 46.8#

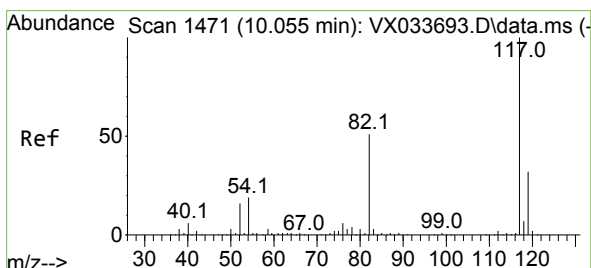
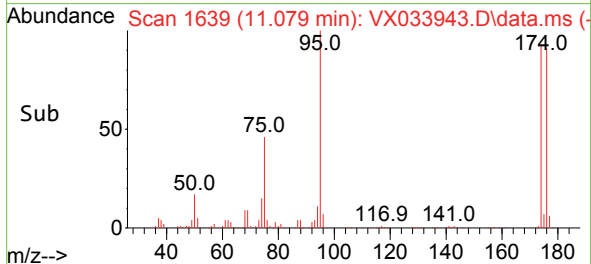
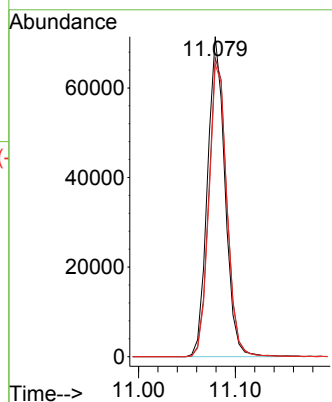
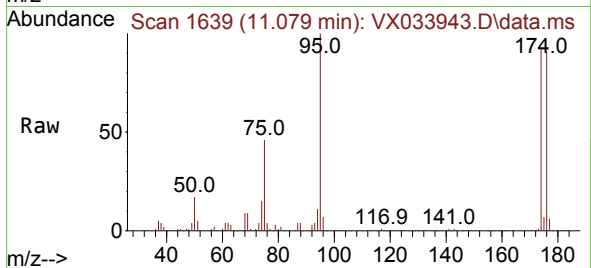




#62
4-Bromofluorobenzene
Concen: 47.537 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX033943.D
Acq: 30 Jan 2023 13:55

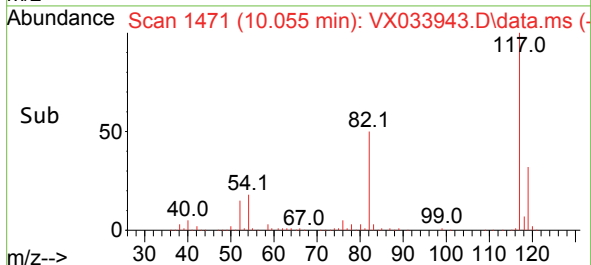
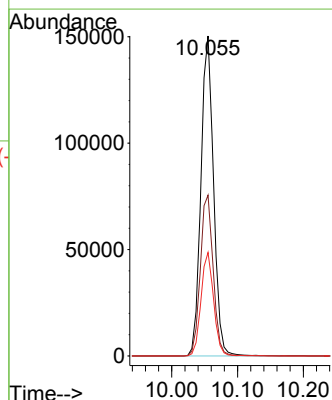
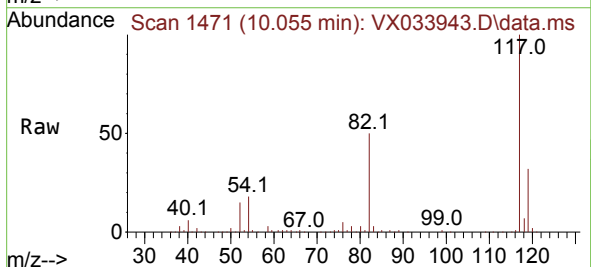
Instrument :
MSVOA_X
ClientSampleId :

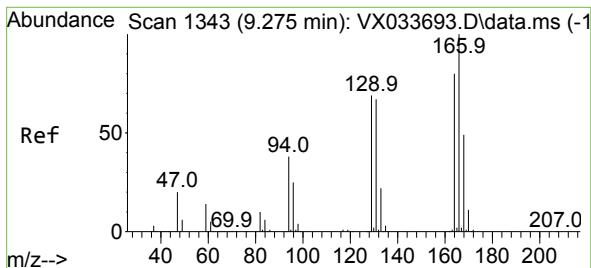
Tgt Ion: 95 Resp: 90234
Ion Ratio Lower Upper
95 100
174 95.7 0.0 184.4
176 93.5 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033943.D
Acq: 30 Jan 2023 13:55

Tgt Ion: 117 Resp: 200983
Ion Ratio Lower Upper
117 100
82 50.3 40.6 60.8
119 32.4 25.6 38.4





#64

Tetrachloroethene

Concen: Below Cal

RT: 9.275 min Scan# 1

Delta R.T. -0.000 min

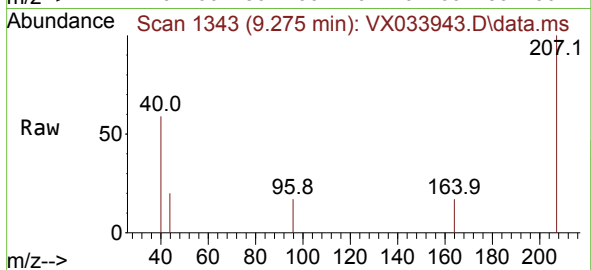
Lab File: VX033943.D

Acq: 30 Jan 2023 13:55

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:164 Resp: 20

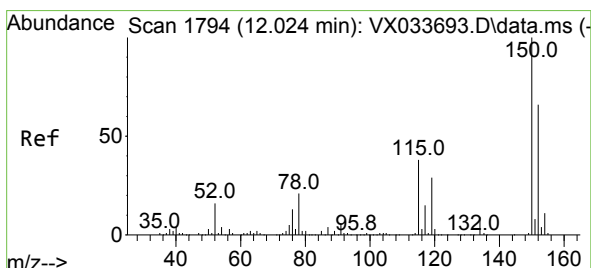
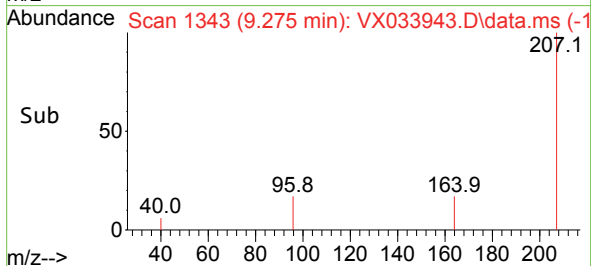
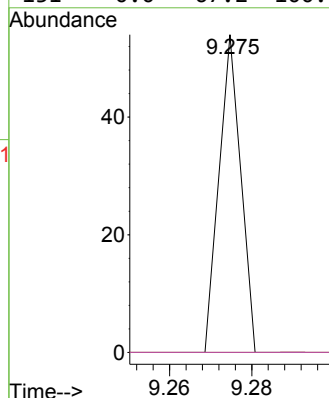
Ion Ratio Lower Upper

164 100

166 0.0 100.2 150.2#

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: VX033943.D

Acq: 30 Jan 2023 13:55

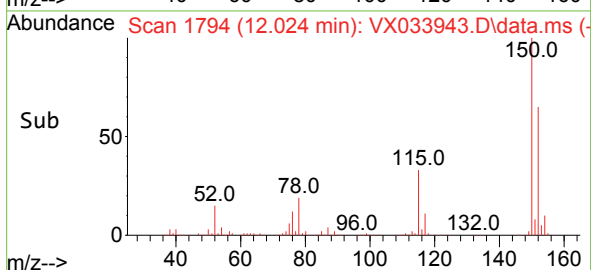
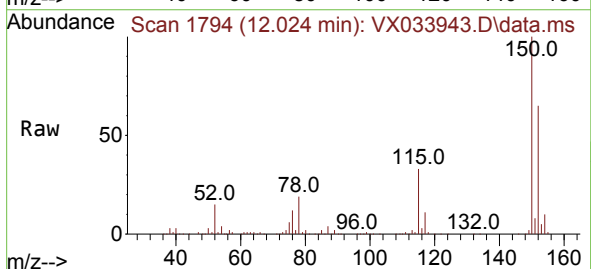
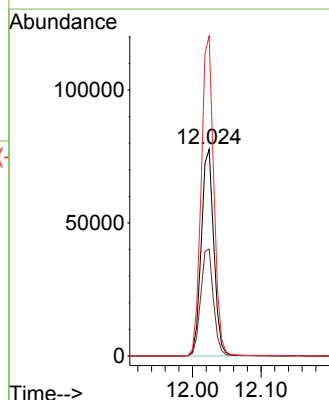
Tgt Ion:152 Resp: 99469

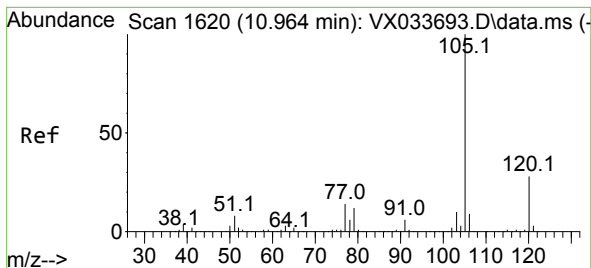
Ion Ratio Lower Upper

152 100

115 52.8 38.7 116.1

150 155.2 0.0 348.2





#73

Isopropylbenzene

Concen: Below Cal

RT: 10.963 min Scan# 1620

Delta R.T. -0.001 min

Lab File: VX033943.D

Acq: 30 Jan 2023 13:55

Instrument :

MSVOA_X

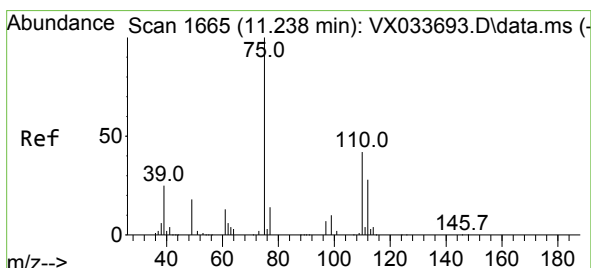
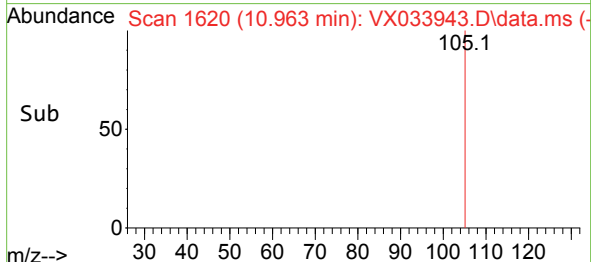
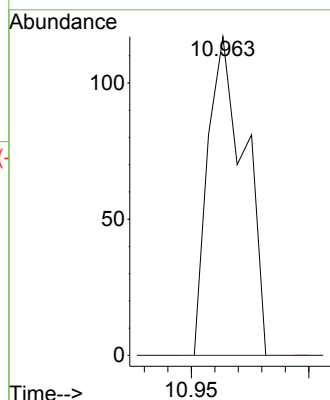
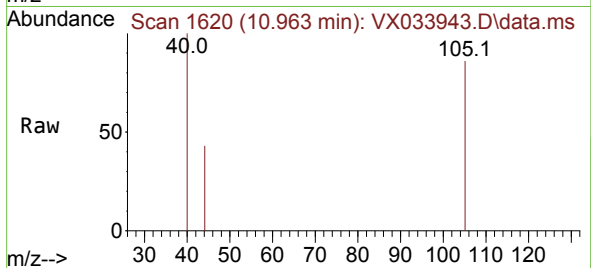
ClientSampleId :

Tgt Ion:105 Resp: 128

Ion Ratio Lower Upper

105 100

120 0.0 13.6 40.8#



#76

1,2,3-Trichloropropane

Concen: 22.600 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX033943.D

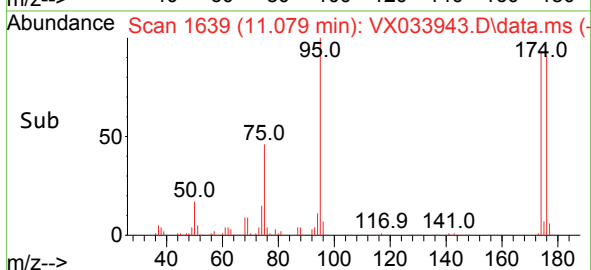
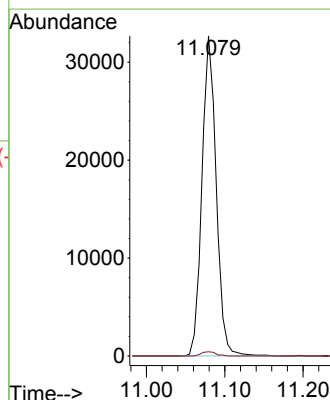
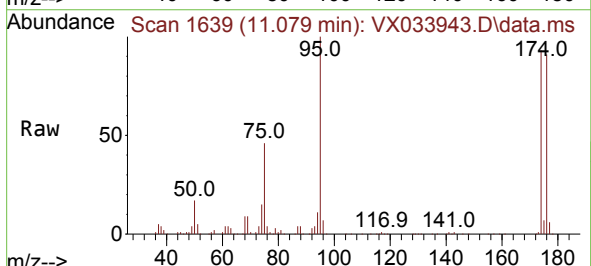
Acq: 30 Jan 2023 13:55

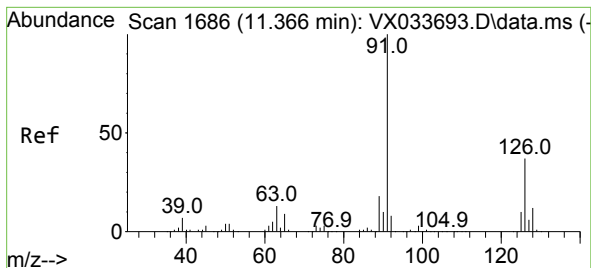
Tgt Ion: 75 Resp: 41303

Ion Ratio Lower Upper

75 100

77 1.4 21.8 65.4#





#79

2-Chlorotoluene

Concen: Below Cal

RT: 11.366 min Scan# 1686

Delta R.T. -0.000 min

Lab File: VX033943.D

Acq: 30 Jan 2023 13:55

Instrument :

MSVOA_X

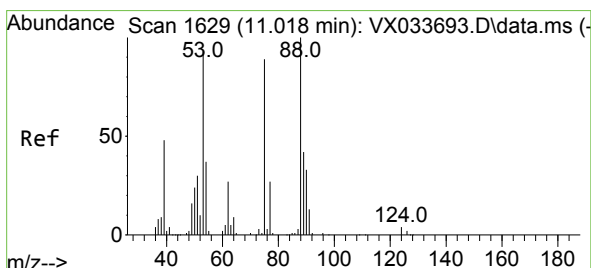
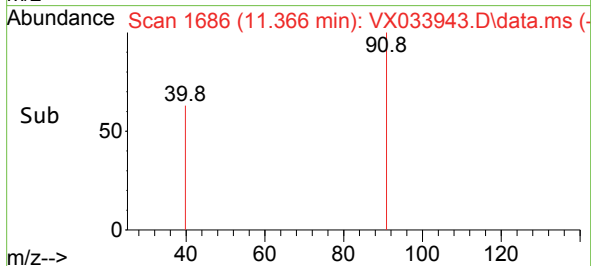
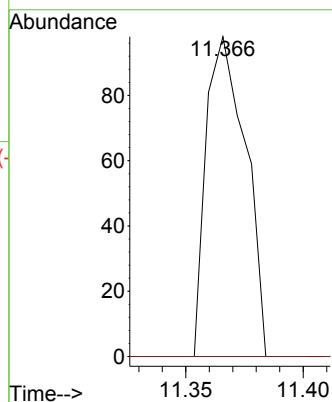
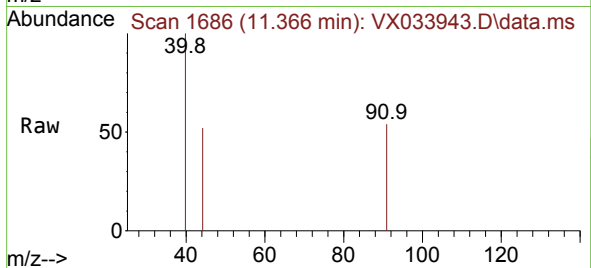
ClientSampleId :

Tgt Ion: 91 Resp: 114

Ion Ratio Lower Upper

91 100

126 0.0 18.1 54.1#



#81

trans-1,4-Dichloro-2-butene

Concen: 70.237 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX033943.D

Acq: 30 Jan 2023 13:55

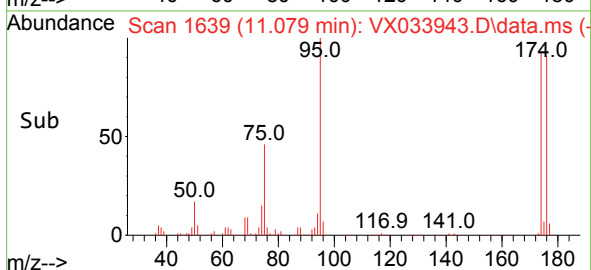
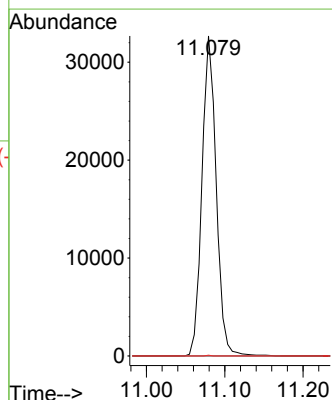
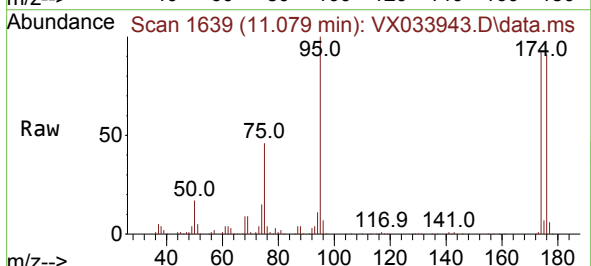
Tgt Ion: 75 Resp: 41303

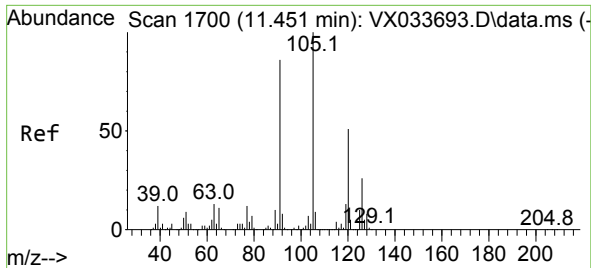
Ion Ratio Lower Upper

75 100

53 0.0 83.0 124.6#

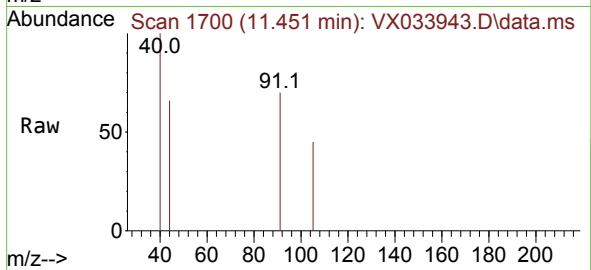
89 0.1 37.7 56.5#





#82
 4-Chlorotoluene
 Concen: Below Cal
 RT: 11.451 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX033943.D
 Acq: 30 Jan 2023 13:55

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 91 Resp: 172
 Ion Ratio Lower Upper
 91 100
 126 0.0 15.8 47.4#

