

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032723\
 Data File : VX034748.D
 Acq On : 27 Mar 2023 14:39
 Operator : JC/MD
 Sample : 02100-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DS-01-032323

Quant Time: Mar 28 03:19:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

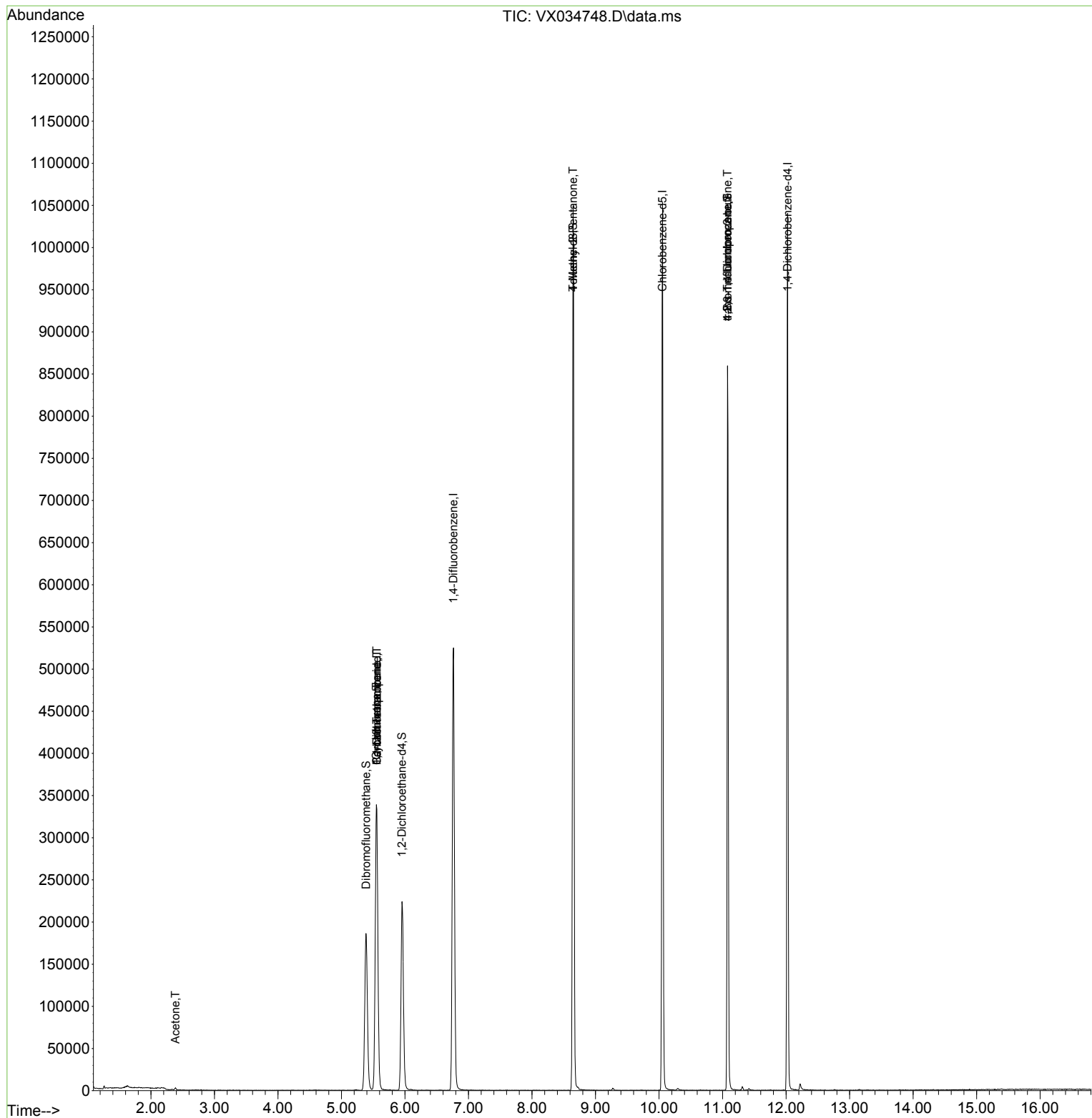
Internal Standards						
1) Pentafluorobenzene	5.555	168	311817	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.763	114	524593	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	465700	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	205756	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	220693	48.650	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.300%
35) Dibromofluoromethane	5.385	113	161848	46.728	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.460%
50) Toluene-d8	8.646	98	620692	48.004	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.000%
62) 4-Bromofluorobenzene	11.079	95	236347	45.254	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.500%
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	375	Below Cal	#	77
16) Acetone	2.385	43	2758	1.291	ug/l #	76
31) Cyclohexane	5.549	56	7508	1.180	ug/l #	1
36) 1,1-Dichloropropene	5.555	75	26097	4.906	ug/l #	46
38) Carbon Tetrachloride	5.555	117	33206	6.274	ug/l #	17
51) 4-Methyl-2-Pentanone	8.646	43	3171	0.555	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	124061	26.260	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	124061	71.040	ug/l #	8

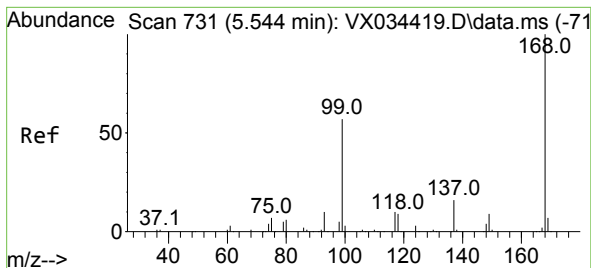
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 28 03:19:35 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
Quant Title : SW846 8260
QLast Update : Mon Mar 13 10:29:32 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.555 min Scan# 71

Delta R.T. 0.011 min

Lab File: VX034748.D

Acq: 27 Mar 2023 14:39

Instrument :

MSVOA_X

ClientSampleId :

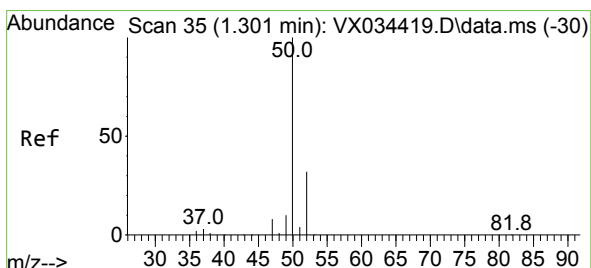
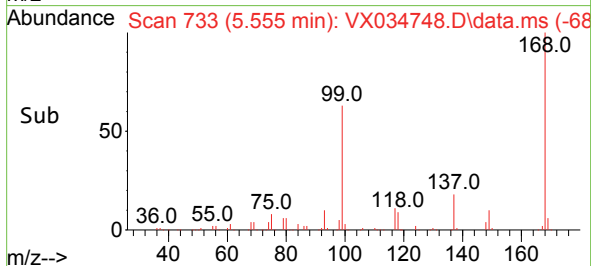
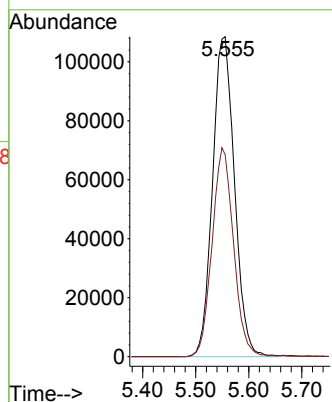
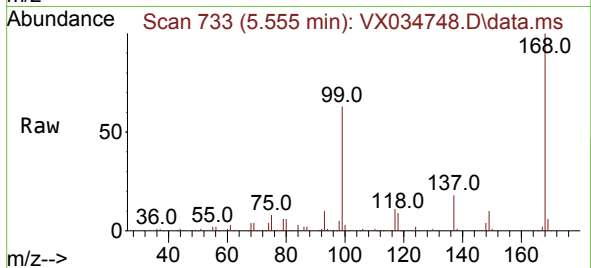
DS-01-032323

Tgt Ion:168 Resp: 311817

Ion Ratio Lower Upper

168 100

99 63.1 45.7 68.5



#3

Chloromethane

Concen: Below Cal

RT: 1.288 min Scan# 33

Delta R.T. -0.013 min

Lab File: VX034748.D

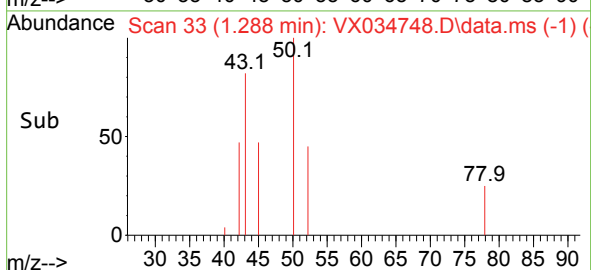
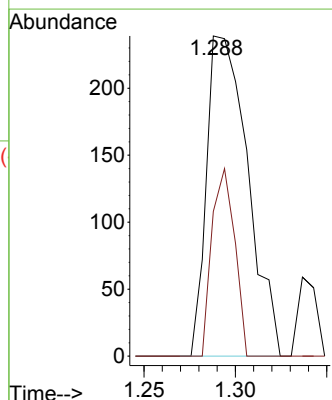
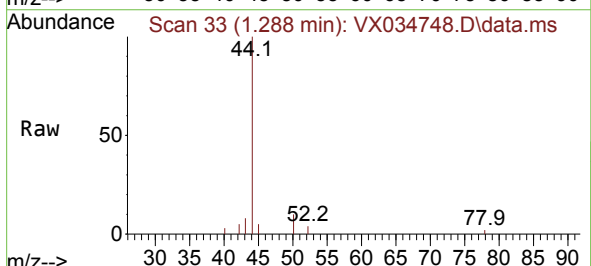
Acq: 27 Mar 2023 14:39

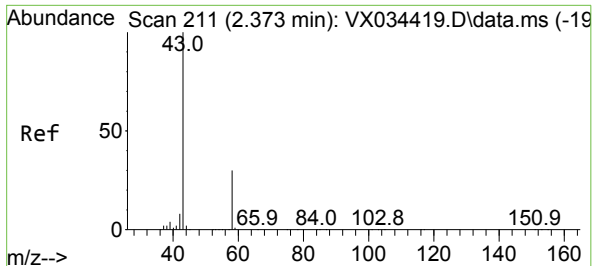
Tgt Ion: 50 Resp: 375

Ion Ratio Lower Upper

50 100

52 45.2 25.9 38.9#

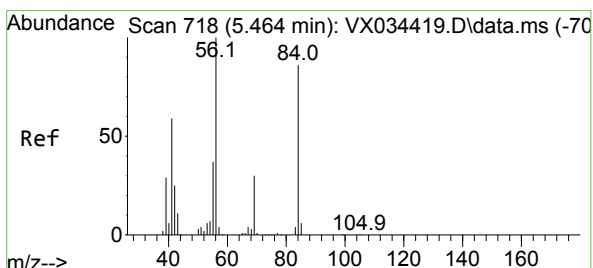
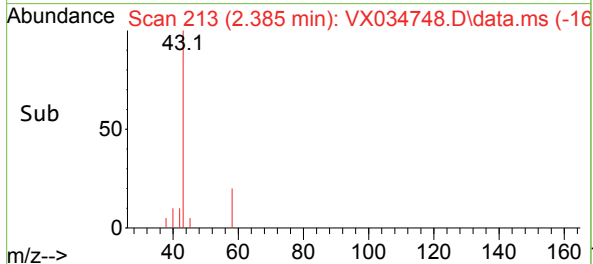
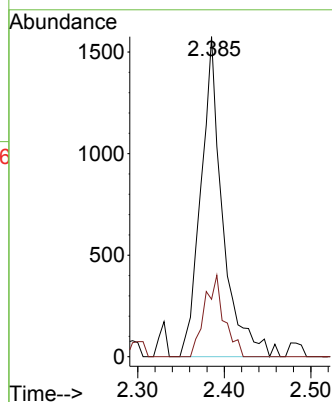
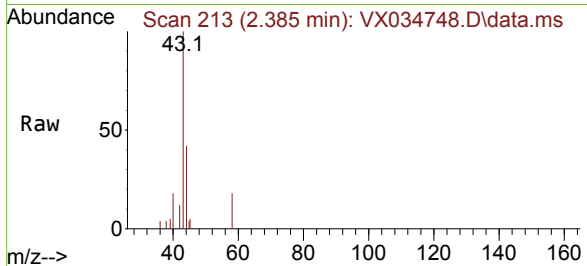




#16
Acetone
Concen: 1.291 ug/l
RT: 2.385 min Scan# 211
Delta R.T. 0.012 min
Lab File: VX034748.D
Acq: 27 Mar 2023 14:39

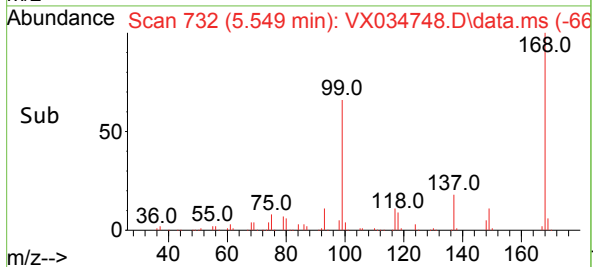
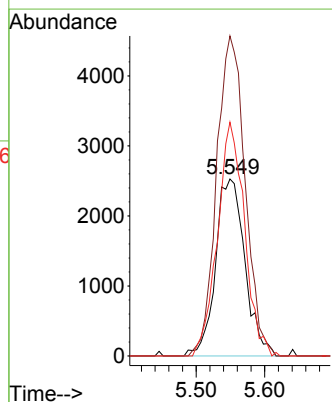
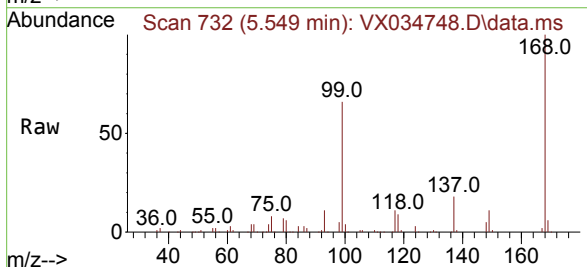
Instrument :
MSVOA_X
ClientSampleId :
DS-01-032323

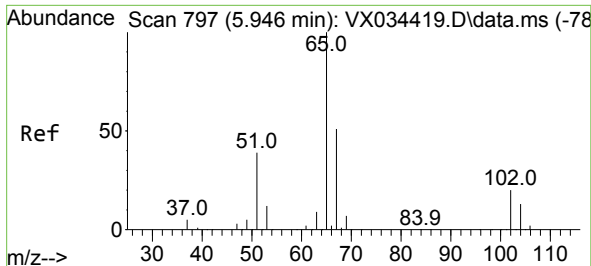
Tgt Ion: 43 Resp: 2758
Ion Ratio Lower Upper
43 100
58 18.0 24.7 37.1#



#31
Cyclohexane
Concen: 1.180 ug/l
RT: 5.549 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX034748.D
Acq: 27 Mar 2023 14:39

Tgt Ion: 56 Resp: 7508
Ion Ratio Lower Upper
56 100
69 180.9 23.7 35.5#
84 132.2 68.5 102.7#





#33

1,2-Dichloroethane-d4

Concen: 48.650 ug/l

RT: 5.952 min Scan# 797

Delta R.T. 0.006 min

Lab File: VX034748.D

Acq: 27 Mar 2023 14:39

Instrument :

MSVOA_X

ClientSampleId :

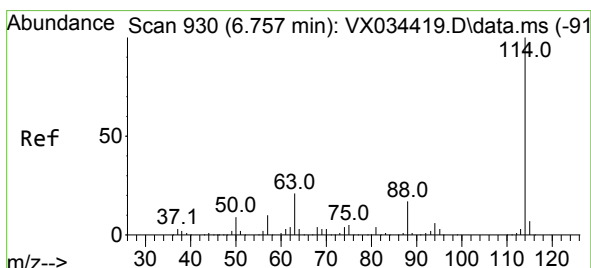
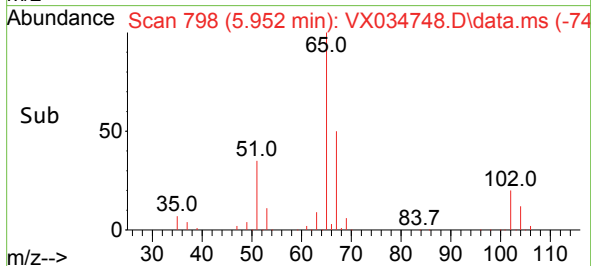
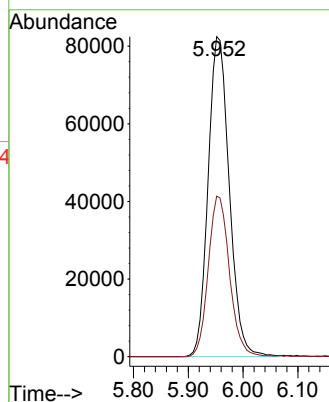
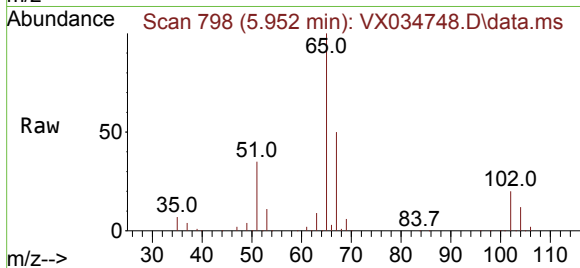
DS-01-032323

Tgt Ion: 65 Resp: 220693

Ion Ratio Lower Upper

65 100

67 50.4 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034748.D

Acq: 27 Mar 2023 14:39

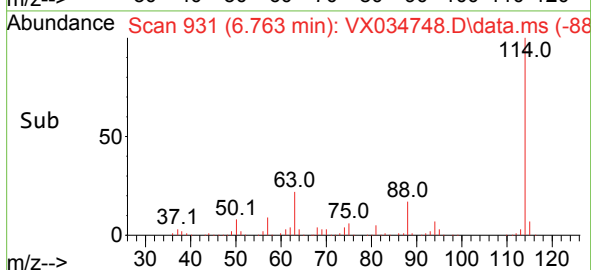
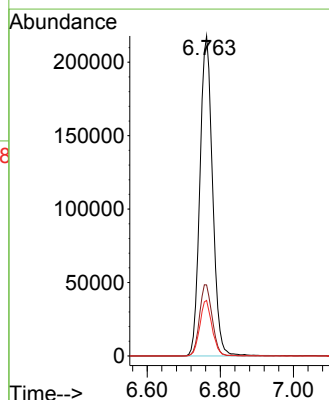
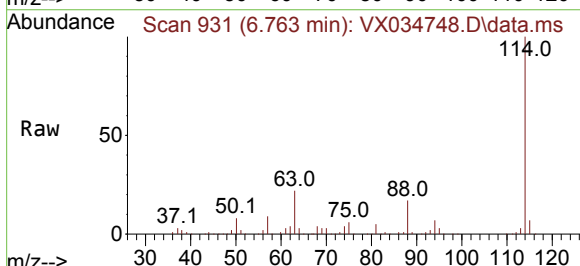
Tgt Ion: 114 Resp: 524593

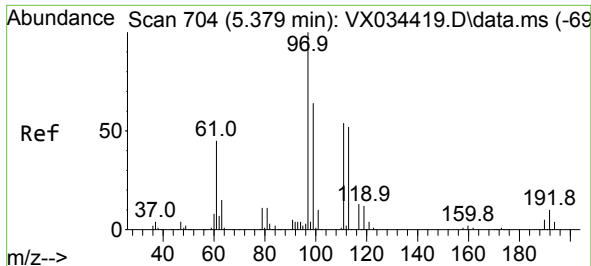
Ion Ratio Lower Upper

114 100

63 22.2 0.0 42.2

88 17.3 0.0 33.2

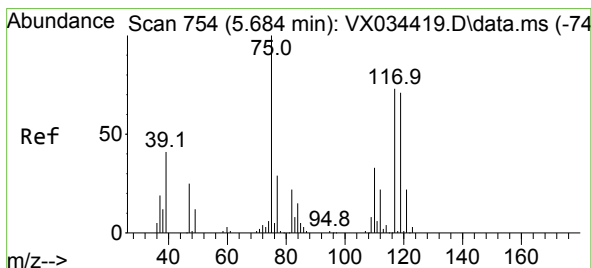
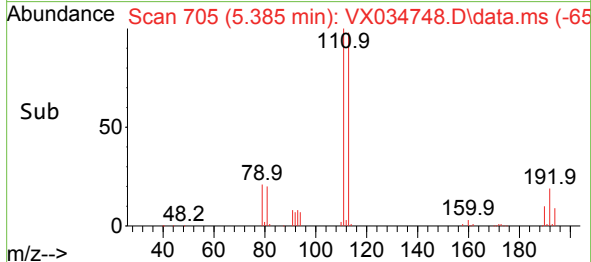
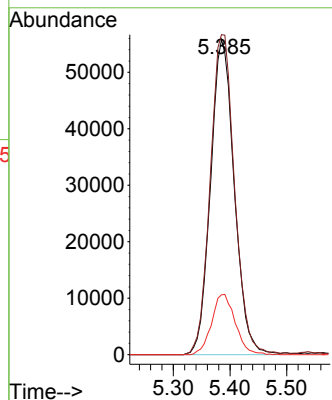
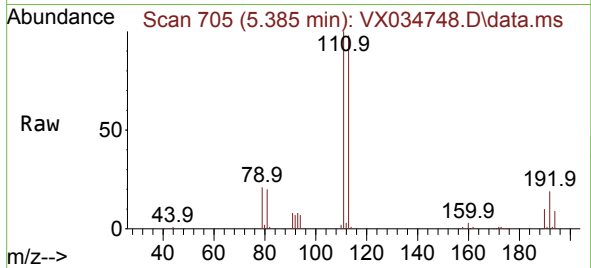




#35
Dibromofluoromethane
Concen: 46.728 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX034748.D
Acq: 27 Mar 2023 14:39

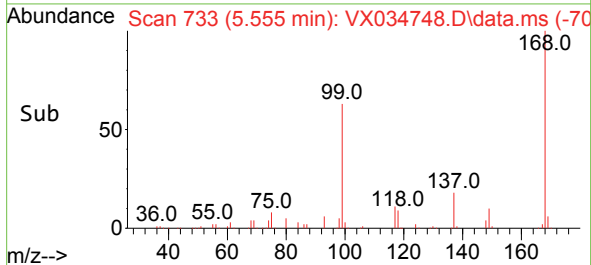
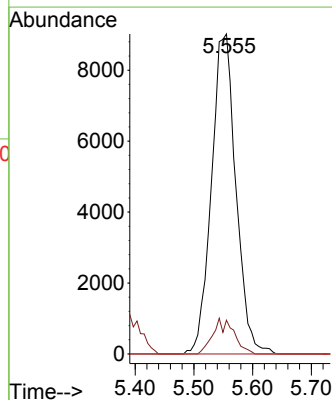
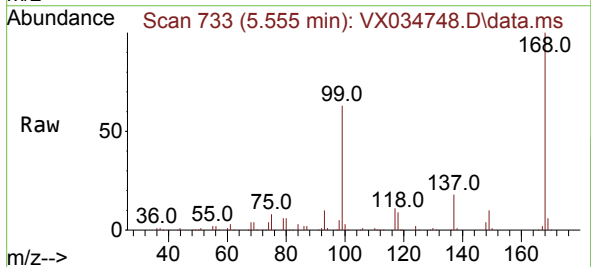
Instrument :
MSVOA_X
ClientSampleId :
DS-01-032323

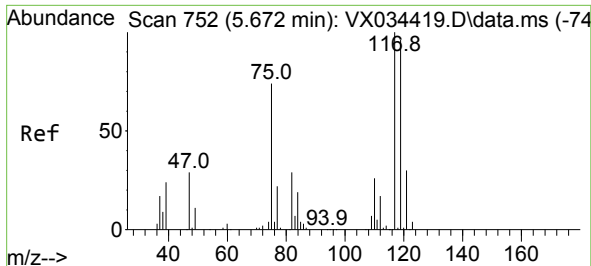
Tgt Ion:113 Resp: 161848
Ion Ratio Lower Upper
113 100
111 104.6 83.7 125.5
192 19.1 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.906 ug/l
RT: 5.555 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX034748.D
Acq: 27 Mar 2023 14:39

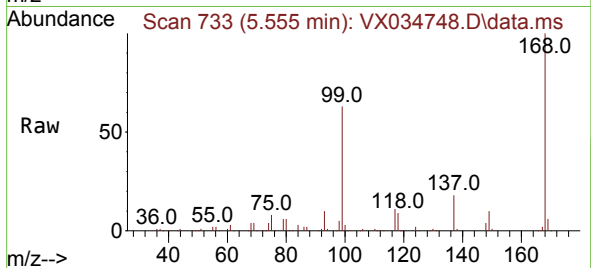
Tgt Ion: 75 Resp: 26097
Ion Ratio Lower Upper
75 100
110 4.8 17.5 52.5#
77 0.0 24.3 36.5#



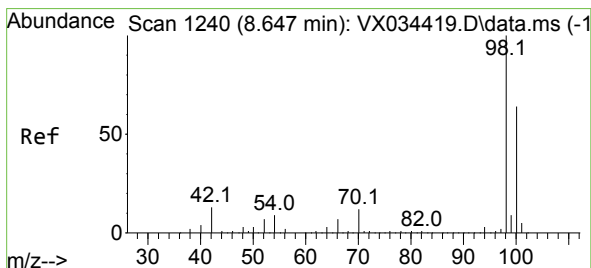
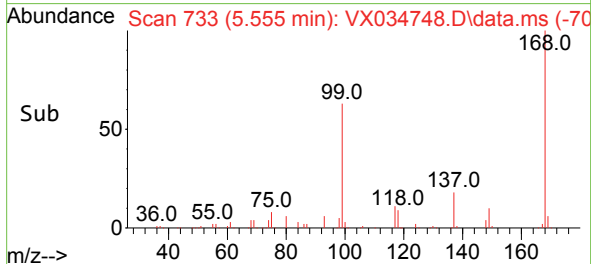
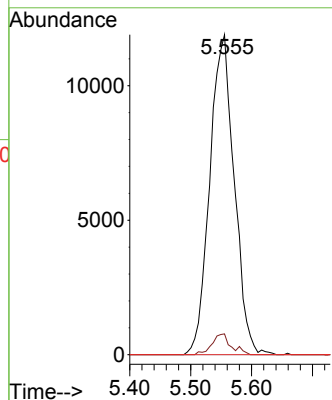


#38
Carbon Tetrachloride
Concen: 6.274 ug/l
RT: 5.555 min Scan# 711
Delta R.T. -0.116 min
Lab File: VX034748.D
Acq: 27 Mar 2023 14:39

Instrument :
MSVOA_X
ClientSampleId :
DS-01-032323

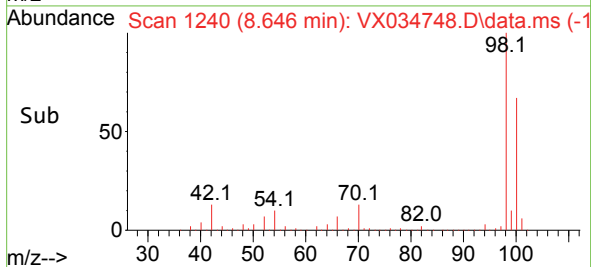
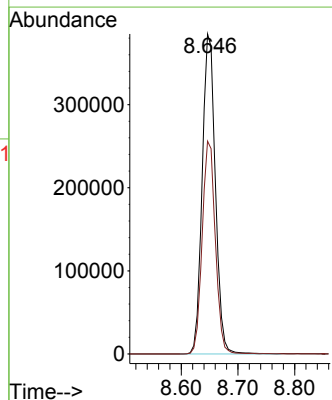
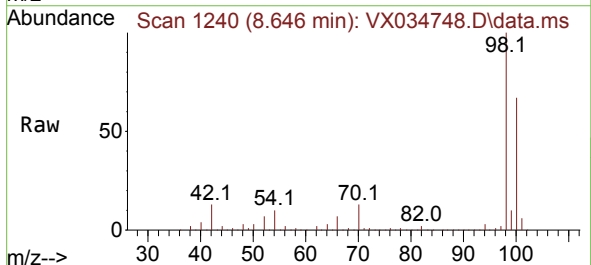


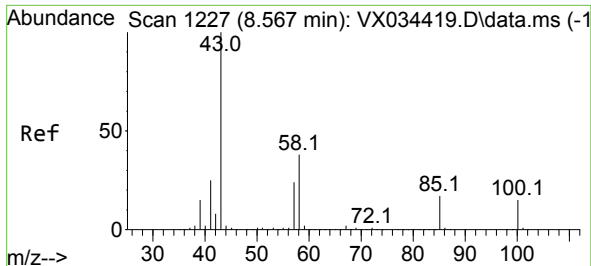
Tgt Ion:117 Resp: 33206
Ion Ratio Lower Upper
117 100
119 6.5 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 48.004 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034748.D
Acq: 27 Mar 2023 14:39

Tgt Ion: 98 Resp: 620692
Ion Ratio Lower Upper
98 100
100 66.5 52.5 78.7

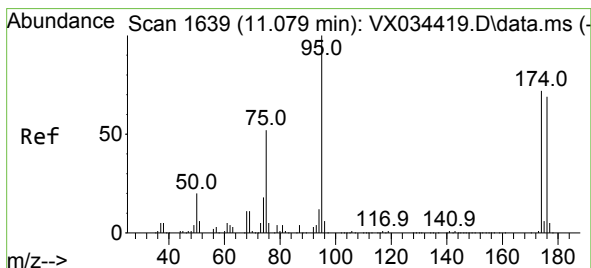
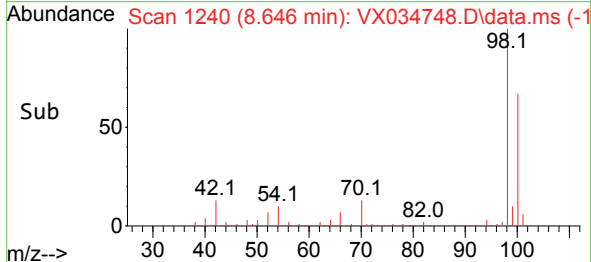
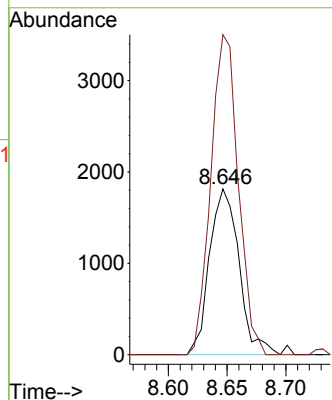
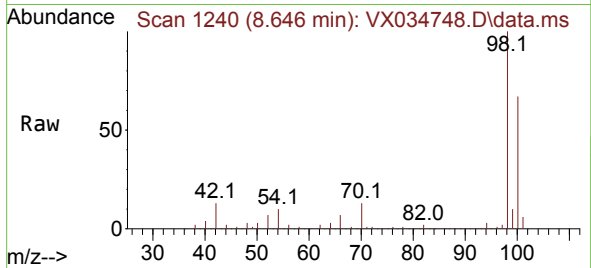




#51
4-Methyl-2-Pentanone
Concen: 0.555 ug/l
RT: 8.646 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX034748.D
Acq: 27 Mar 2023 14:39

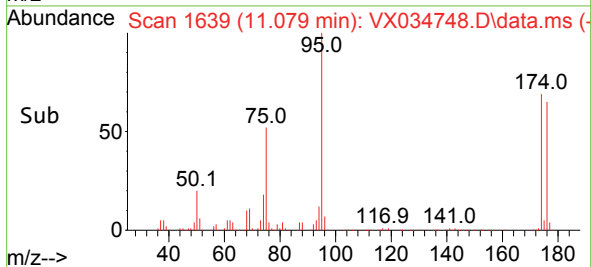
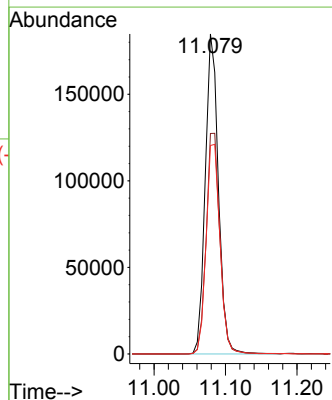
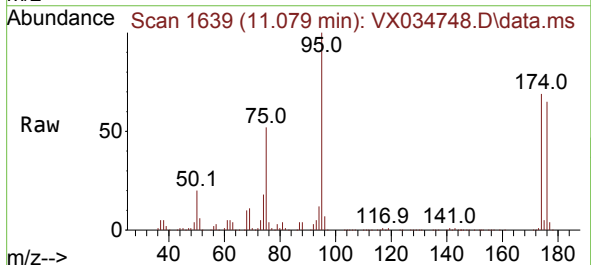
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ClientSampleId :
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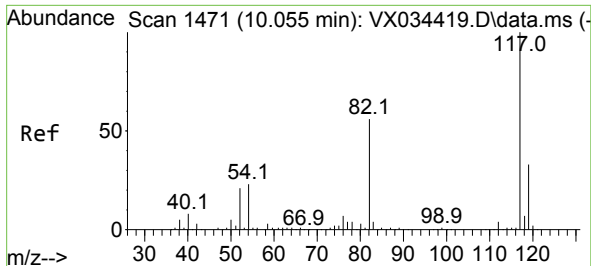
Tgt Ion: 43 Resp: 3171
Ion Ratio Lower Upper
43 100
58 179.9 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 45.254 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034748.D
Acq: 27 Mar 2023 14:39

Tgt Ion: 95 Resp: 236347
Ion Ratio Lower Upper
95 100
174 72.0 0.0 147.4
176 69.4 0.0 140.6

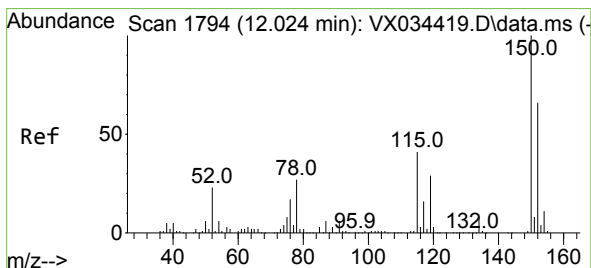
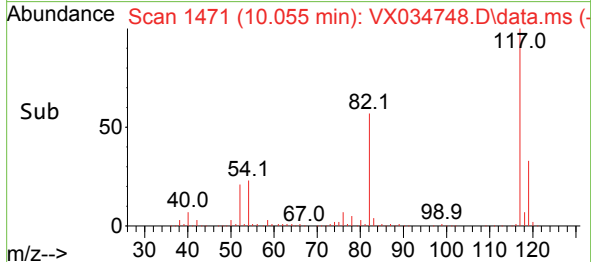
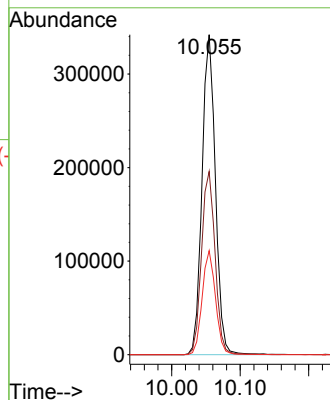
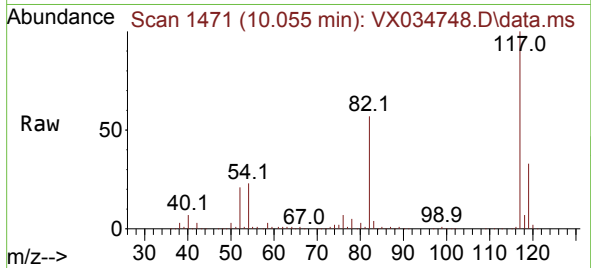




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034748.D
Acq: 27 Mar 2023 14:39

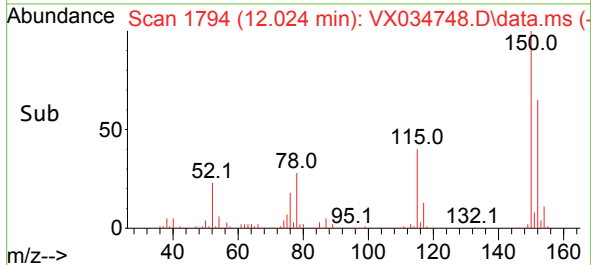
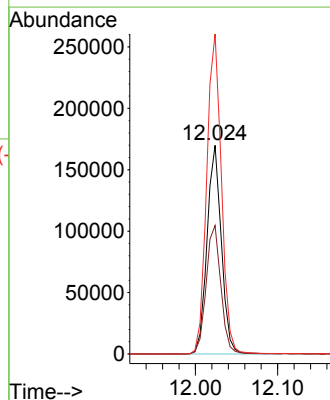
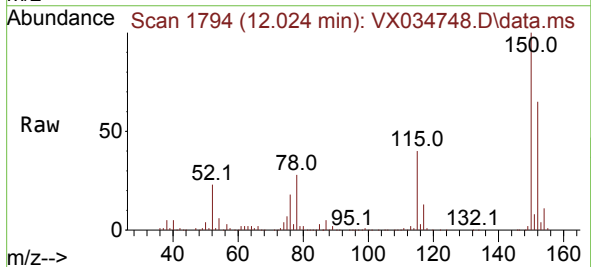
Instrument :
MSVOA_X
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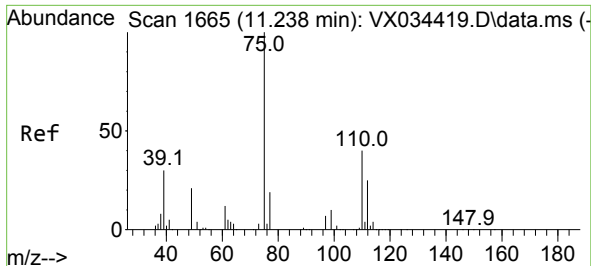
Tgt Ion:117 Resp: 465700
Ion Ratio Lower Upper
117 100
82 57.2 45.0 67.4
119 32.5 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX034748.D
Acq: 27 Mar 2023 14:39

Tgt Ion:152 Resp: 205756
Ion Ratio Lower Upper
152 100
115 63.4 45.0 135.0
150 157.5 0.0 352.4

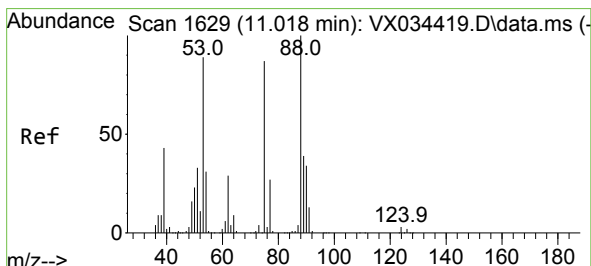
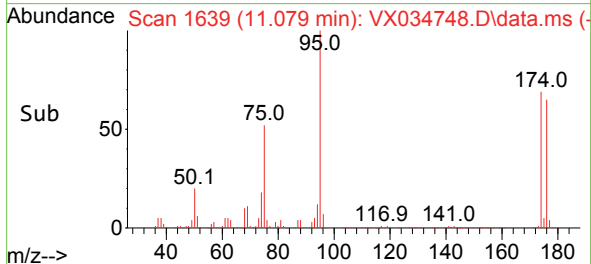
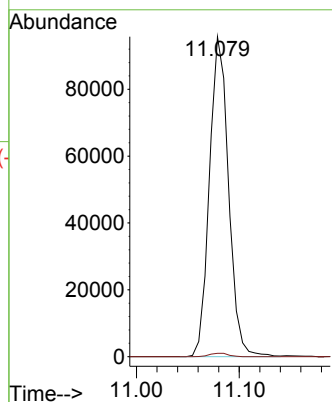
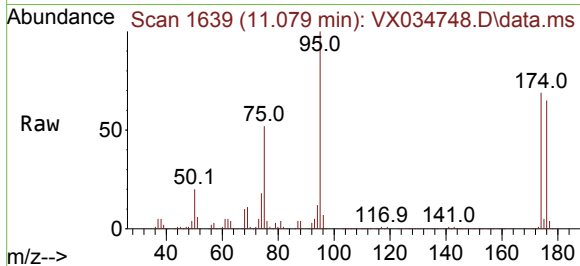




#76
1,2,3-Trichloropropane
Concen: 26.260 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX034748.D
Acq: 27 Mar 2023 14:39

Instrument :
MSVOA_X
ClientSampleId :
DS-01-032323

Tgt Ion: 75 Resp: 124061
Ion Ratio Lower Upper
75 100
77 1.1 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.040 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034748.D
Acq: 27 Mar 2023 14:39

Tgt Ion: 75 Resp: 124061
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

