

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031623\
 Data File : VX034547.D
 Acq On : 16 Mar 2023 15:48
 Operator : JC/MD
 Sample : 01945-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 230315024-01-TRIP-BLANK

Quant Time: Mar 17 06:26:48 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)

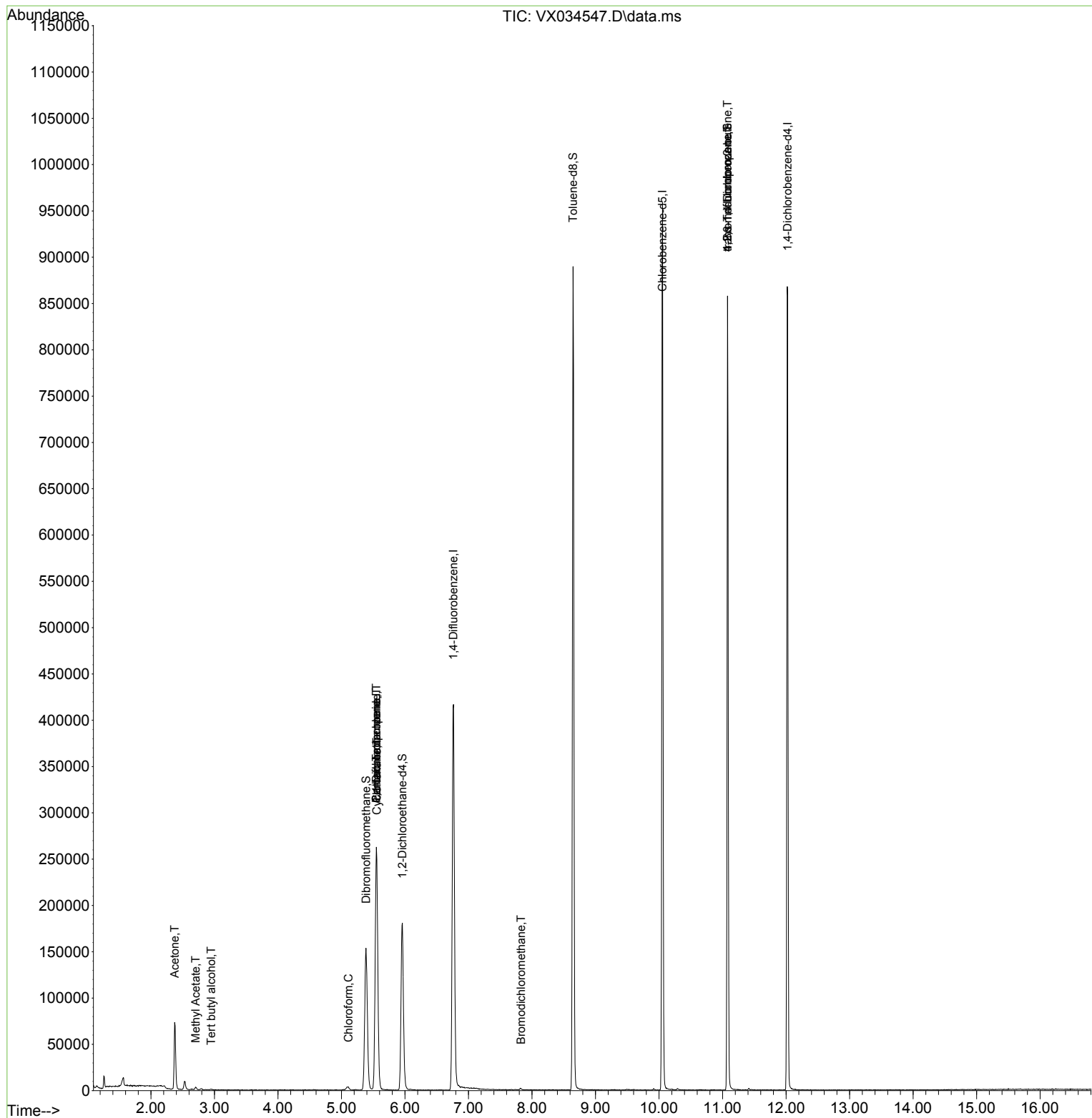
Internal Standards						
1) Pentafluorobenzene	5.550	168	245721	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	422566	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	404988	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	176024	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	170329	47.648	ug/l	0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.300%
35) Dibromofluoromethane	5.385	113	132756	47.583	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.160%
50) Toluene-d8	8.647	98	504645	48.453	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.900%
62) 4-Bromofluorobenzene	11.079	95	222448	52.877	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.760%
Target Compounds						
					Qvalue	
3) Chloromethane	1.313	50	465	Below Cal	#	42
11) Tert butyl alcohol	2.947	59	577	0.775	ug/l #	73
16) Acetone	2.374	43	78330	46.517	ug/l	97
18) Methyl Acetate	2.703	43	3589	0.652	ug/l	95
30) Chloroform	5.111	83	3772	0.688	ug/l	88
31) Cyclohexane	5.556	56	5840	1.165	ug/l #	5
36) 1,1-Dichloropropene	5.550	75	20818	4.858	ug/l #	50
38) Carbon Tetrachloride	5.550	117	25070	5.881	ug/l #	15
47) Bromodichloromethane	7.830	83	899	0.209	ug/l #	93
76) 1,2,3-Trichloropropane	11.079	75	122448	30.296	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	122448	81.960	ug/l #	8

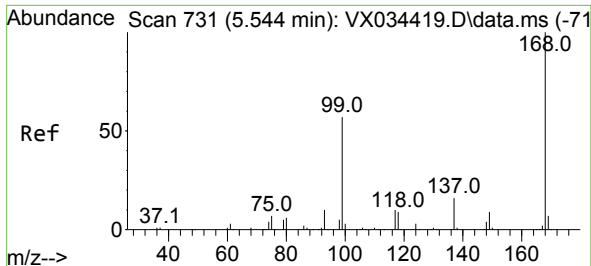
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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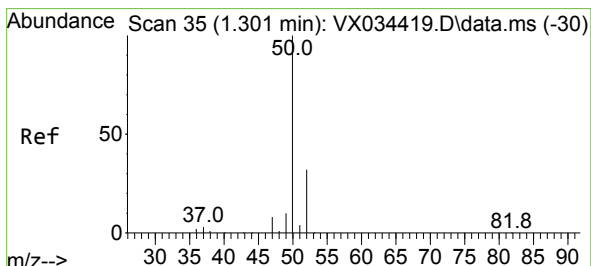
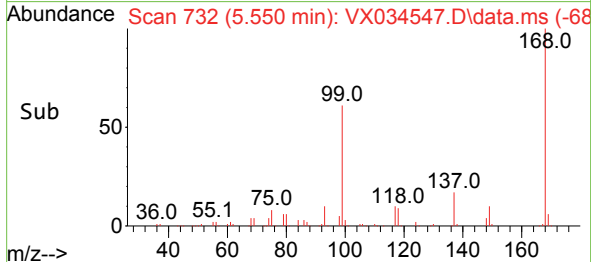
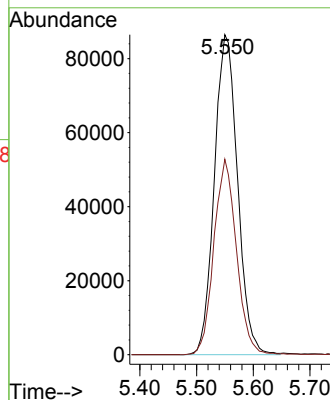
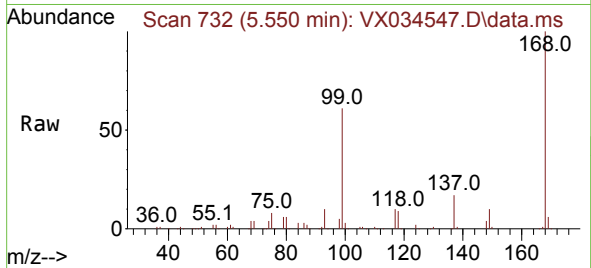




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034547.D
Acq: 16 Mar 2023 15:48

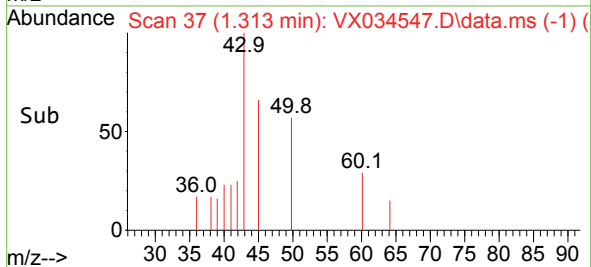
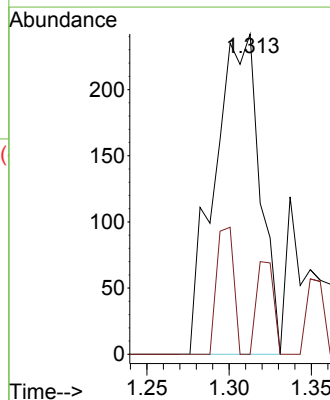
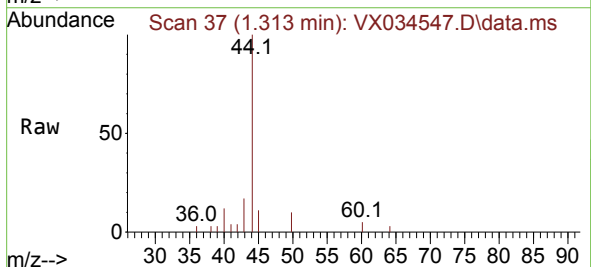
Instrument :
MSVOA_X
ClientSampleId :
230315024-01-TRIP-BLANK

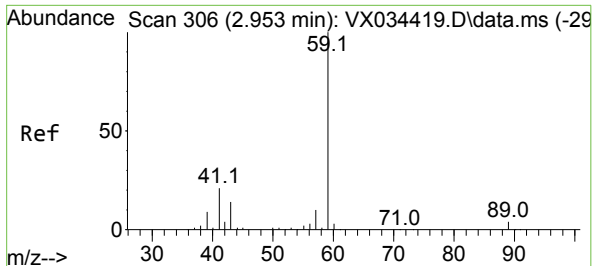
Tgt Ion:168 Resp: 245721
Ion Ratio Lower Upper
168 100
99 61.0 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.313 min Scan# 37
Delta R.T. 0.012 min
Lab File: VX034547.D
Acq: 16 Mar 2023 15:48

Tgt Ion: 50 Resp: 465
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#





#11

Tert butyl alcohol

Concen: 0.775 ug/l

RT: 2.947 min Scan# 306

Delta R.T. -0.006 min

Lab File: VX034547.D

Acq: 16 Mar 2023 15:48

Instrument :

MSVOA_X

ClientSampleId :

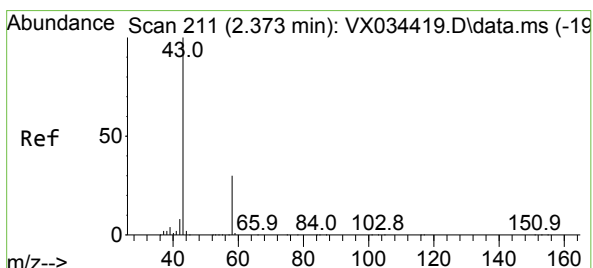
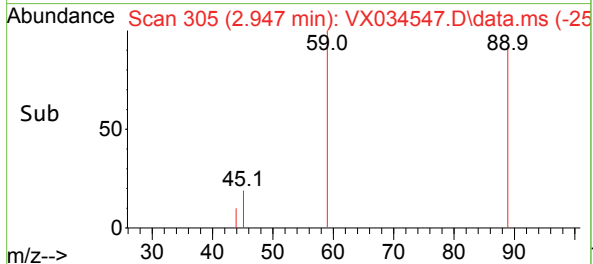
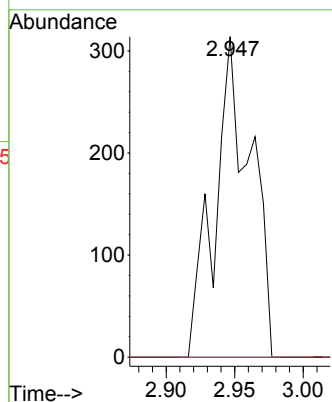
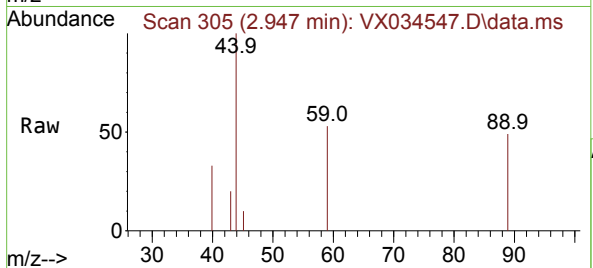
230315024-01-TRIP-BLANK

Tgt Ion: 59 Resp: 577

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



#16

Acetone

Concen: 46.517 ug/l

RT: 2.374 min Scan# 211

Delta R.T. 0.000 min

Lab File: VX034547.D

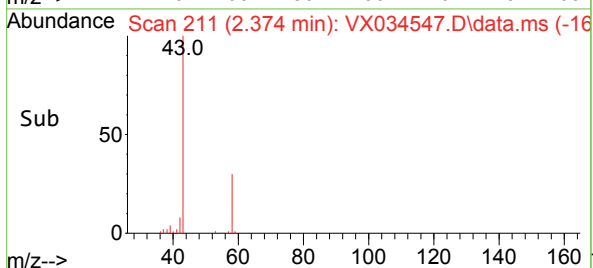
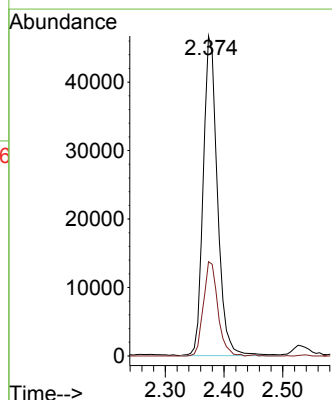
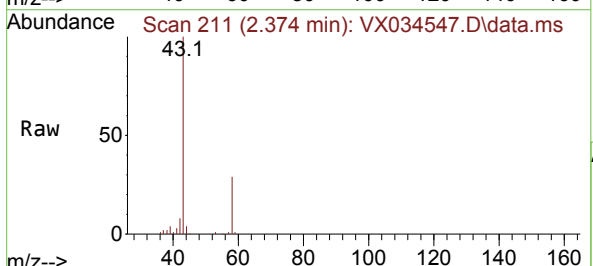
Acq: 16 Mar 2023 15:48

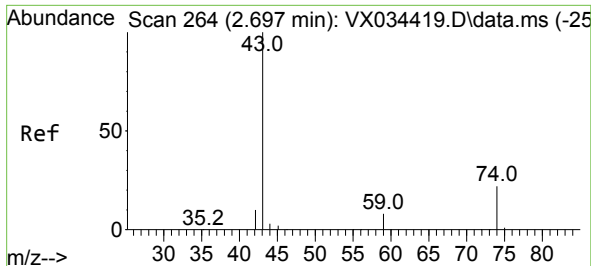
Tgt Ion: 43 Resp: 78330

Ion Ratio Lower Upper

43 100

58 29.5 24.7 37.1

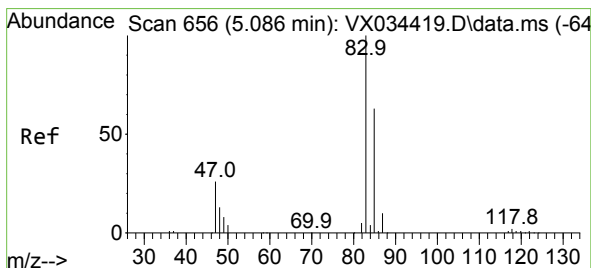
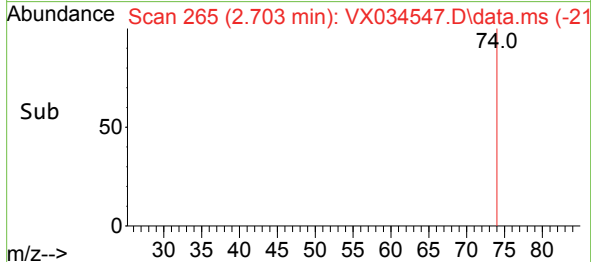
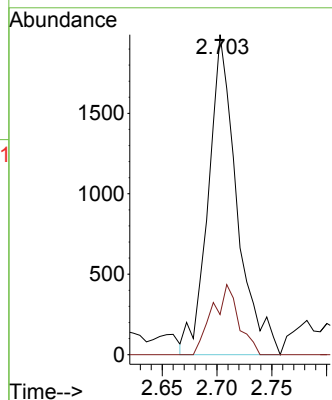
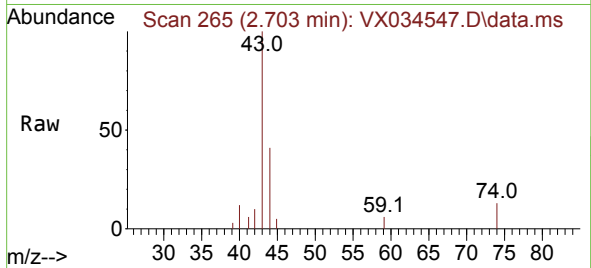




#18
Methyl Acetate
Concen: 0.652 ug/l
RT: 2.703 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX034547.D
Acq: 16 Mar 2023 15:48

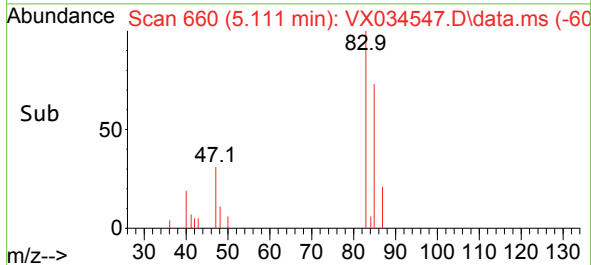
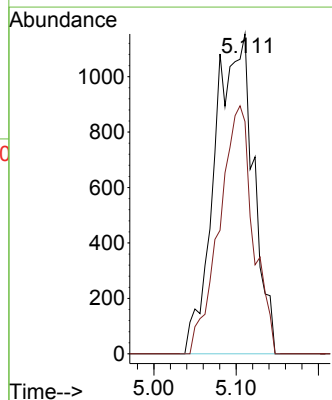
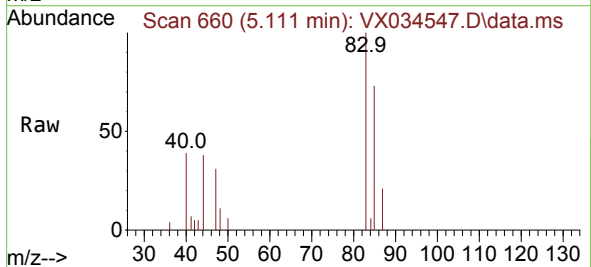
Instrument :
MSVOA_X
ClientSampleId :
230315024-01-TRIP-BLANK

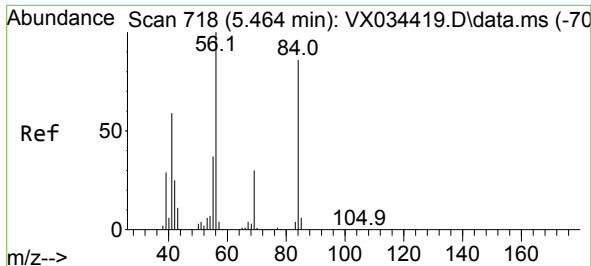
Tgt Ion: 43 Resp: 3589
Ion Ratio Lower Upper
43 100
74 20.3 18.3 27.5



#30
Chloroform
Concen: 0.688 ug/l
RT: 5.111 min Scan# 660
Delta R.T. 0.024 min
Lab File: VX034547.D
Acq: 16 Mar 2023 15:48

Tgt Ion: 83 Resp: 3772
Ion Ratio Lower Upper
83 100
85 72.6 50.6 76.0

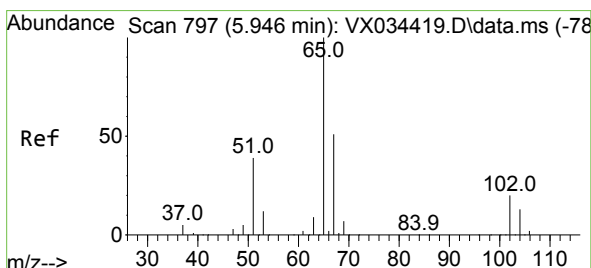
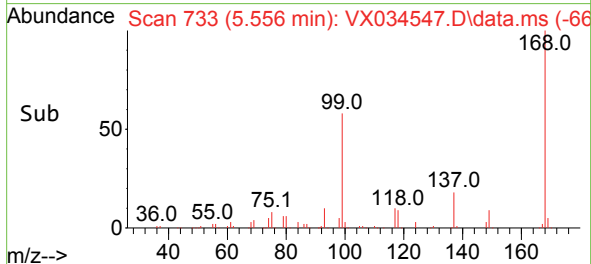
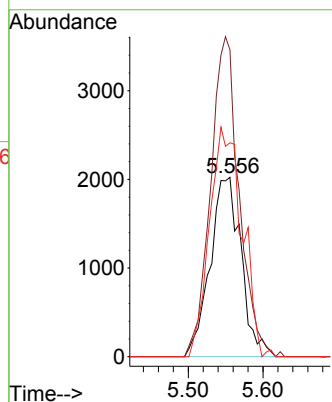
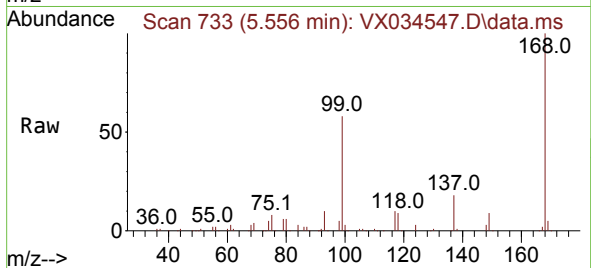




#31
Cyclohexane
Concen: 1.165 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.091 min
Lab File: VX034547.D
Acq: 16 Mar 2023 15:48

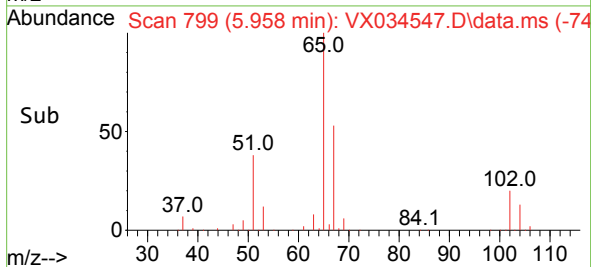
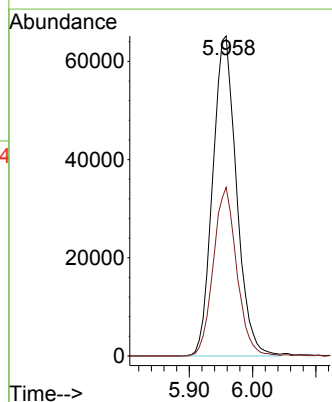
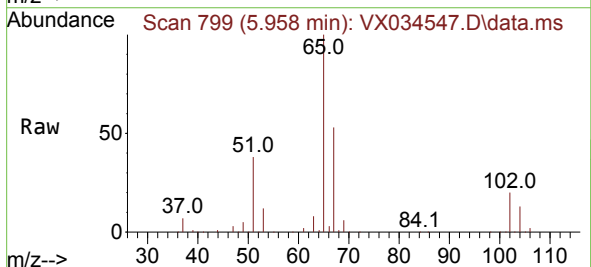
Instrument :
MSVOA_X
ClientSampleId :
230315024-01-TRIP-BLANK

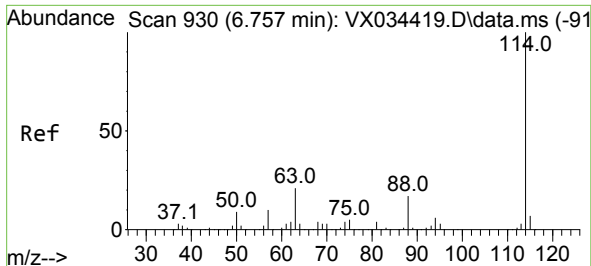
Tgt Ion: 56 Resp: 5840
Ion Ratio Lower Upper
56 100
69 171.1 23.7 35.5#
84 119.3 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 47.648 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.012 min
Lab File: VX034547.D
Acq: 16 Mar 2023 15:48

Tgt Ion: 65 Resp: 170329
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.0

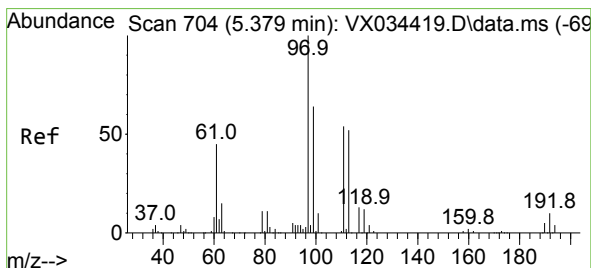
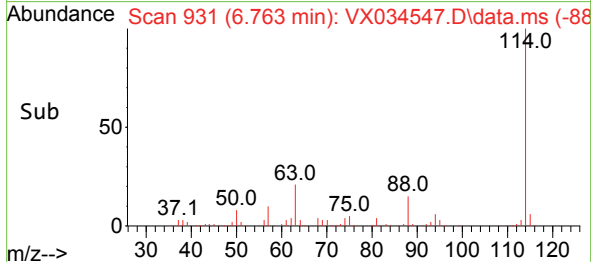
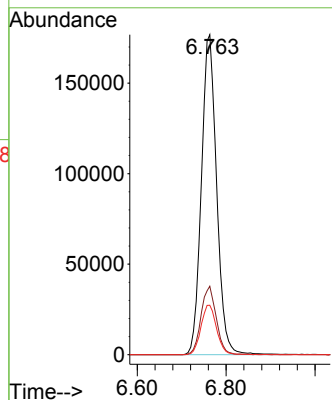
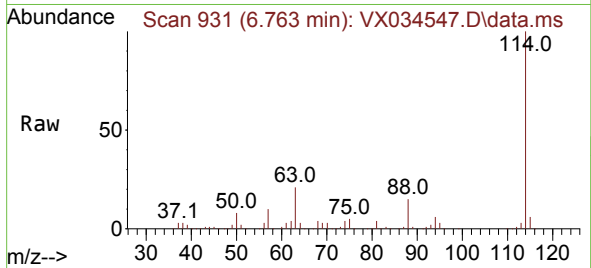




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034547.D
Acq: 16 Mar 2023 15:48

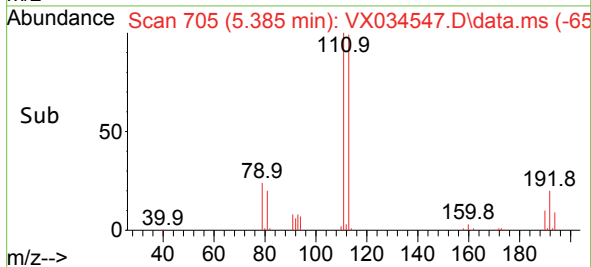
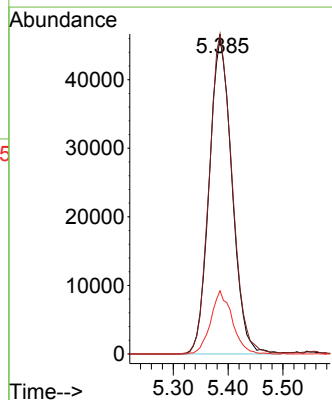
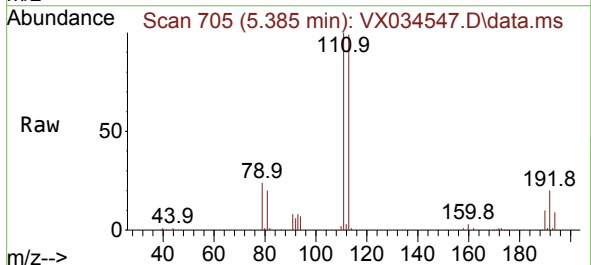
Instrument :
MSVOA_X
ClientSampleId :
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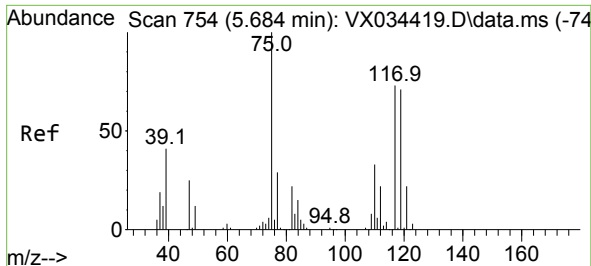
Tgt Ion:114 Resp: 422566
Ion Ratio Lower Upper
114 100
63 21.4 0.0 42.2
88 15.4 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.583 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034547.D
Acq: 16 Mar 2023 15:48

Tgt Ion:113 Resp: 132756
Ion Ratio Lower Upper
113 100
111 102.0 83.7 125.5
192 19.0 15.4 23.2

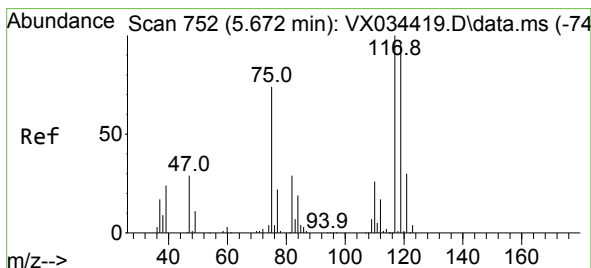
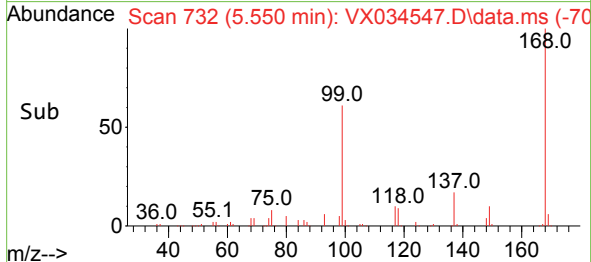
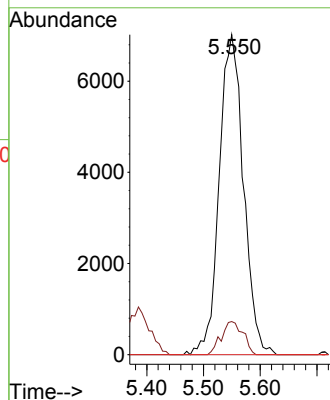
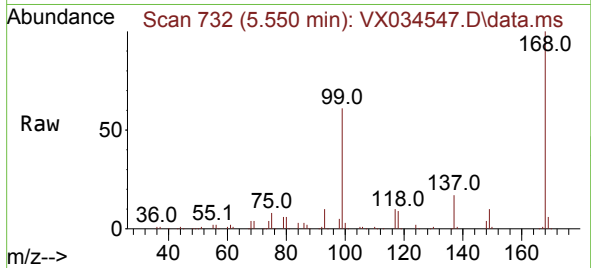




#36
1,1-Dichloropropene
Concen: 4.858 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.134 min
Lab File: VX034547.D
Acq: 16 Mar 2023 15:48

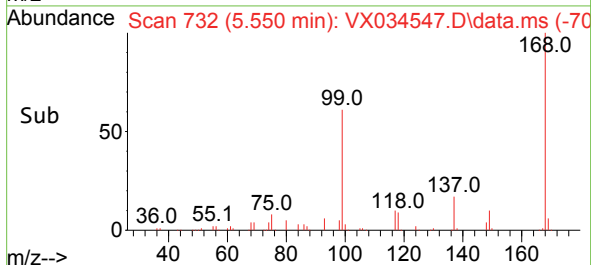
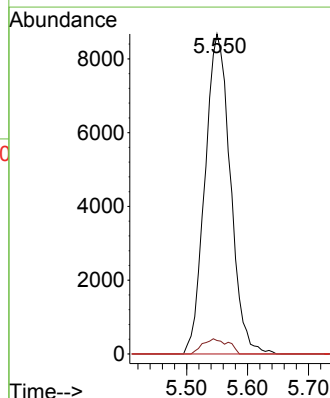
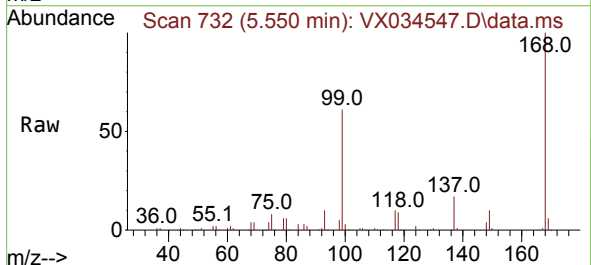
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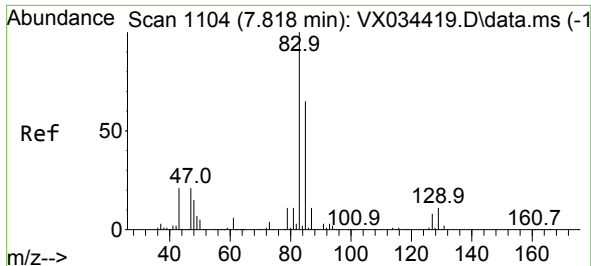
Tgt Ion: 75 Resp: 20818
Ion Ratio Lower Upper
75 100
110 9.3 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.881 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX034547.D
Acq: 16 Mar 2023 15:48

Tgt Ion: 117 Resp: 25070
Ion Ratio Lower Upper
117 100
119 4.2 76.6 114.8#
121 0.0 23.8 35.6#

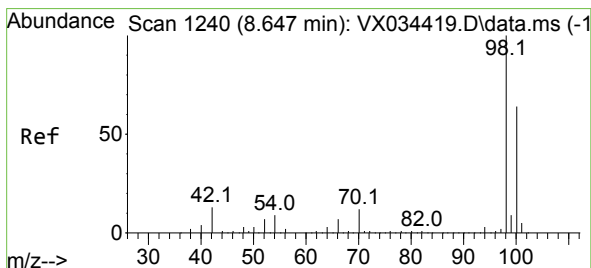
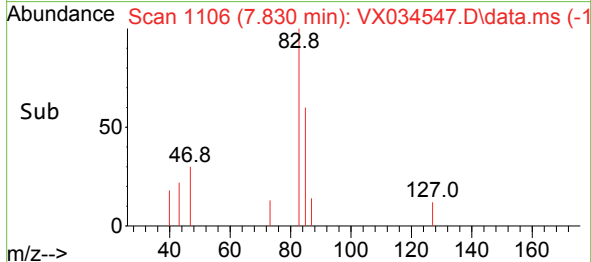
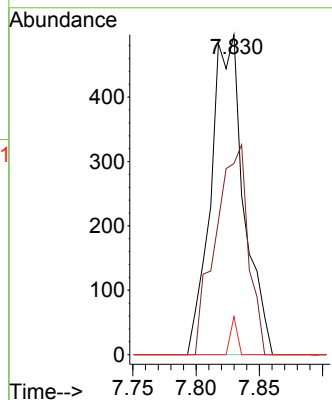
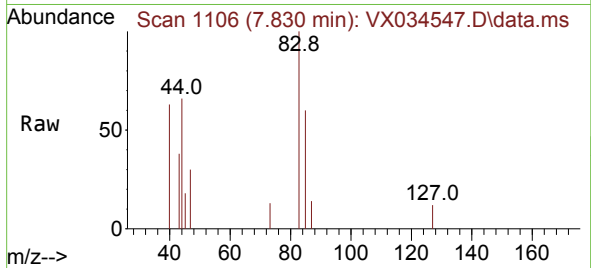




#47
Bromodichloromethane
Concen: 0.209 ug/l
RT: 7.830 min Scan# 1104
Delta R.T. 0.012 min
Lab File: VX034547.D
Acq: 16 Mar 2023 15:48

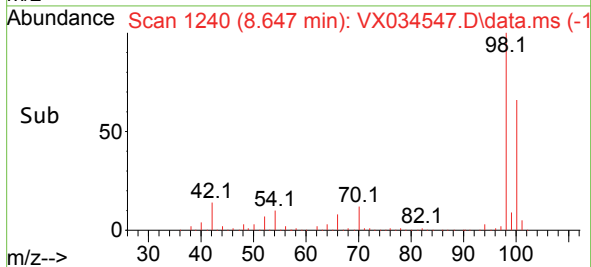
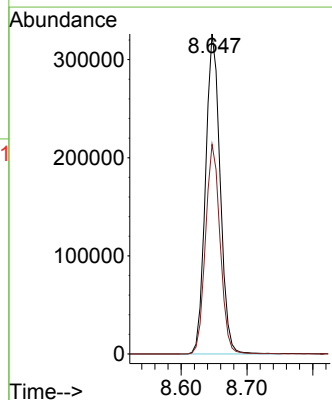
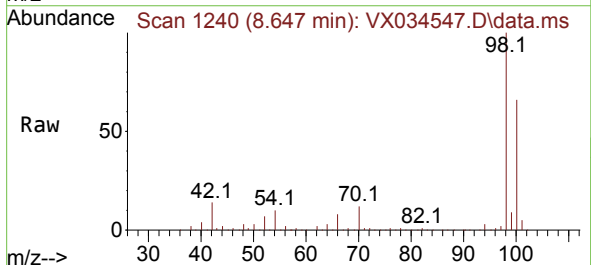
Instrument :
MSVOA_X
ClientSampleId :
230315024-01-TRIP-BLANK

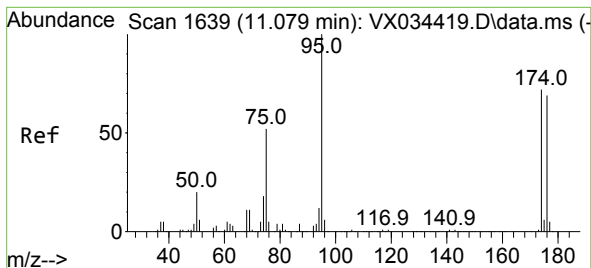
Tgt Ion: 83 Resp: 899
Ion Ratio Lower Upper
83 100
85 59.8 52.2 78.4
127 11.9 6.6 9.8#



#50
Toluene-d8
Concen: 48.453 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034547.D
Acq: 16 Mar 2023 15:48

Tgt Ion: 98 Resp: 504645
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7

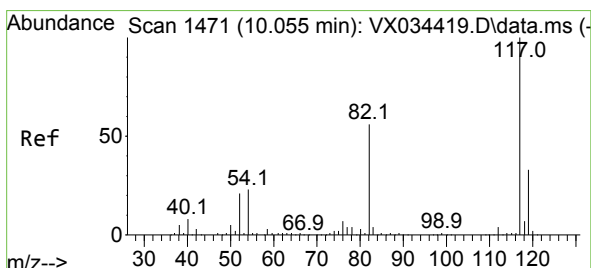
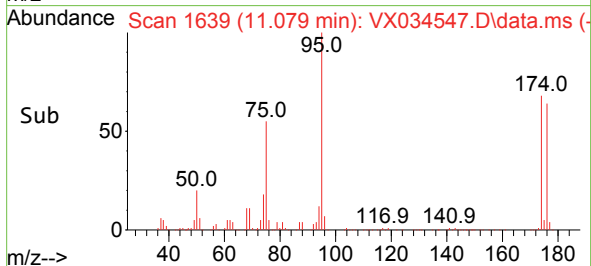
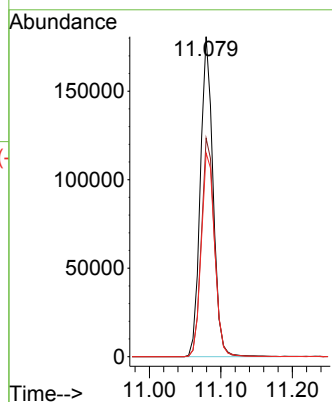
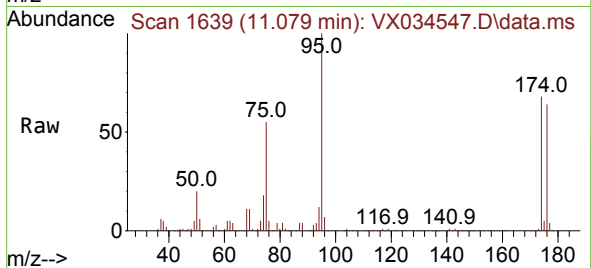




#62
4-Bromofluorobenzene
Concen: 52.877 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX034547.D
Acq: 16 Mar 2023 15:48

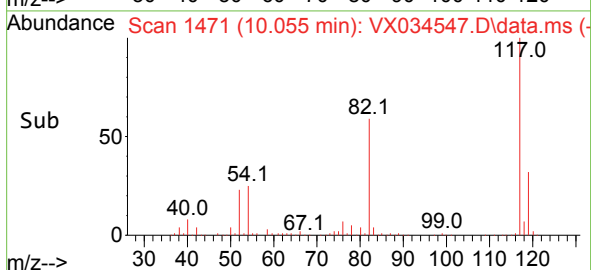
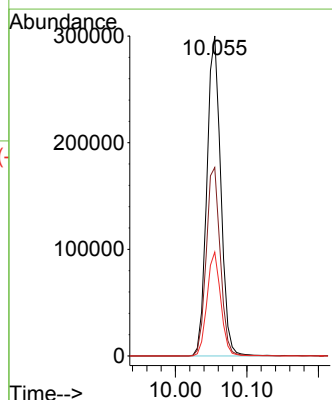
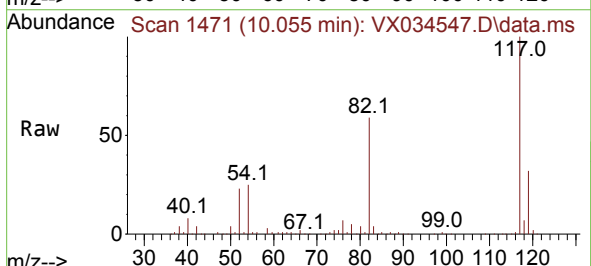
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230315024-01-TRIP-BLANK

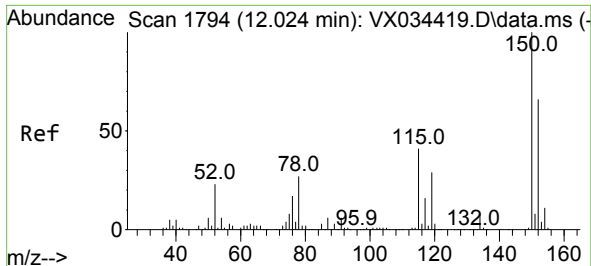
Tgt Ion: 95 Resp: 222448
Ion Ratio Lower Upper
95 100
174 70.5 0.0 147.4
176 67.4 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034547.D
Acq: 16 Mar 2023 15:48

Tgt Ion: 117 Resp: 404988
Ion Ratio Lower Upper
117 100
82 58.9 45.0 67.4
119 32.4 26.0 39.0

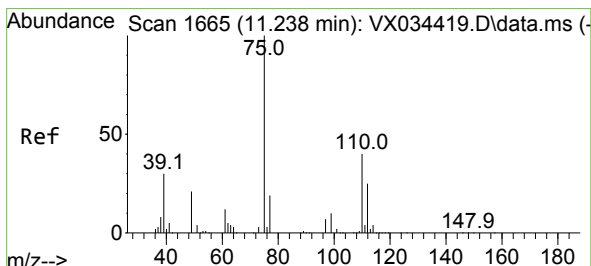
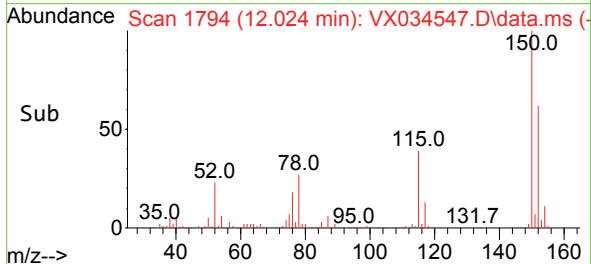
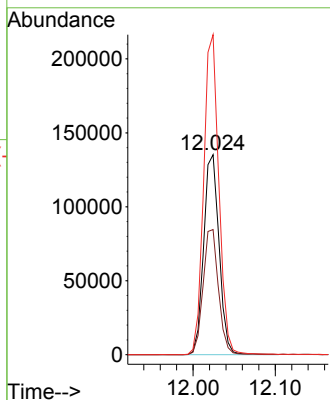
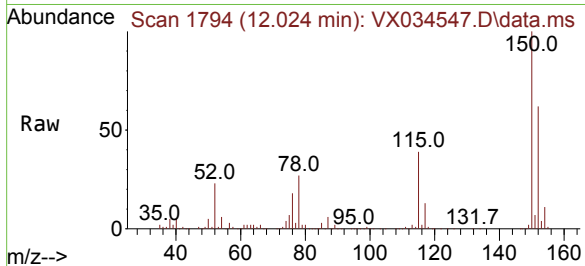




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX034547.D
 Acq: 16 Mar 2023 15:48

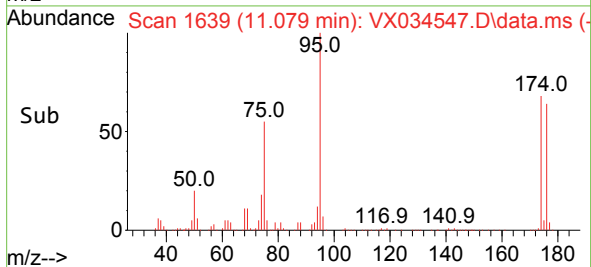
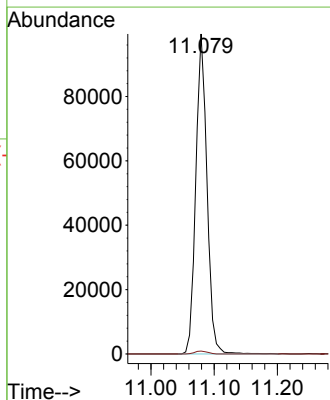
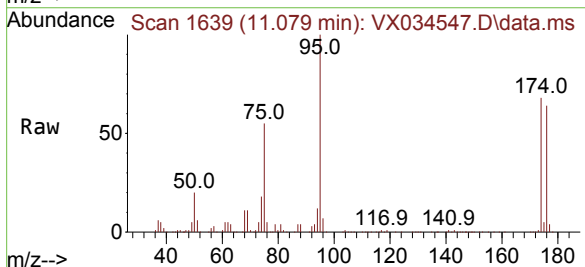
Instrument :
 MSVOA_X
 ClientSampleId :
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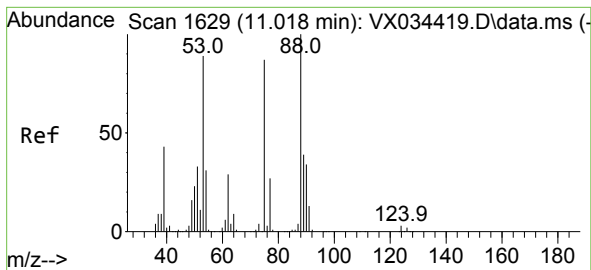
Tgt Ion:152 Resp: 176024
 Ion Ratio Lower Upper
 152 100
 115 62.7 45.0 135.0
 150 157.8 0.0 352.4



#76
 1,2,3-Trichloropropane
 Concen: 30.296 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX034547.D
 Acq: 16 Mar 2023 15:48

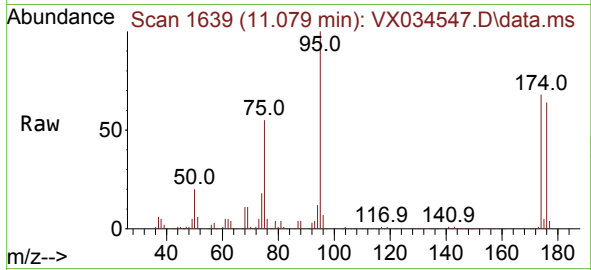
Tgt Ion: 75 Resp: 122448
 Ion Ratio Lower Upper
 75 100
 77 1.0 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.960 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX034547.D
 Acq: 16 Mar 2023 15:48

Instrument :
 MSVOA_X
 ClientSampleId :
 230315024-01-TRIP-BLANK



Tgt Ion: 75 Resp: 122448
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

