

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042723\
 Data File : VX035349.D
 Acq On : 27 Apr 2023 18:17
 Operator : JC/MD
 Sample : 02495-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Quant Time: Apr 28 05:08:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	224211	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	369366	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	342746	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	159589	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	135858	50.225	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.460%
35) Dibromofluoromethane	5.385	113	113519	50.073	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.140%
50) Toluene-d8	8.646	98	435186	50.886	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.780%
62) 4-Bromofluorobenzene	11.079	95	165342	51.394	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.780%

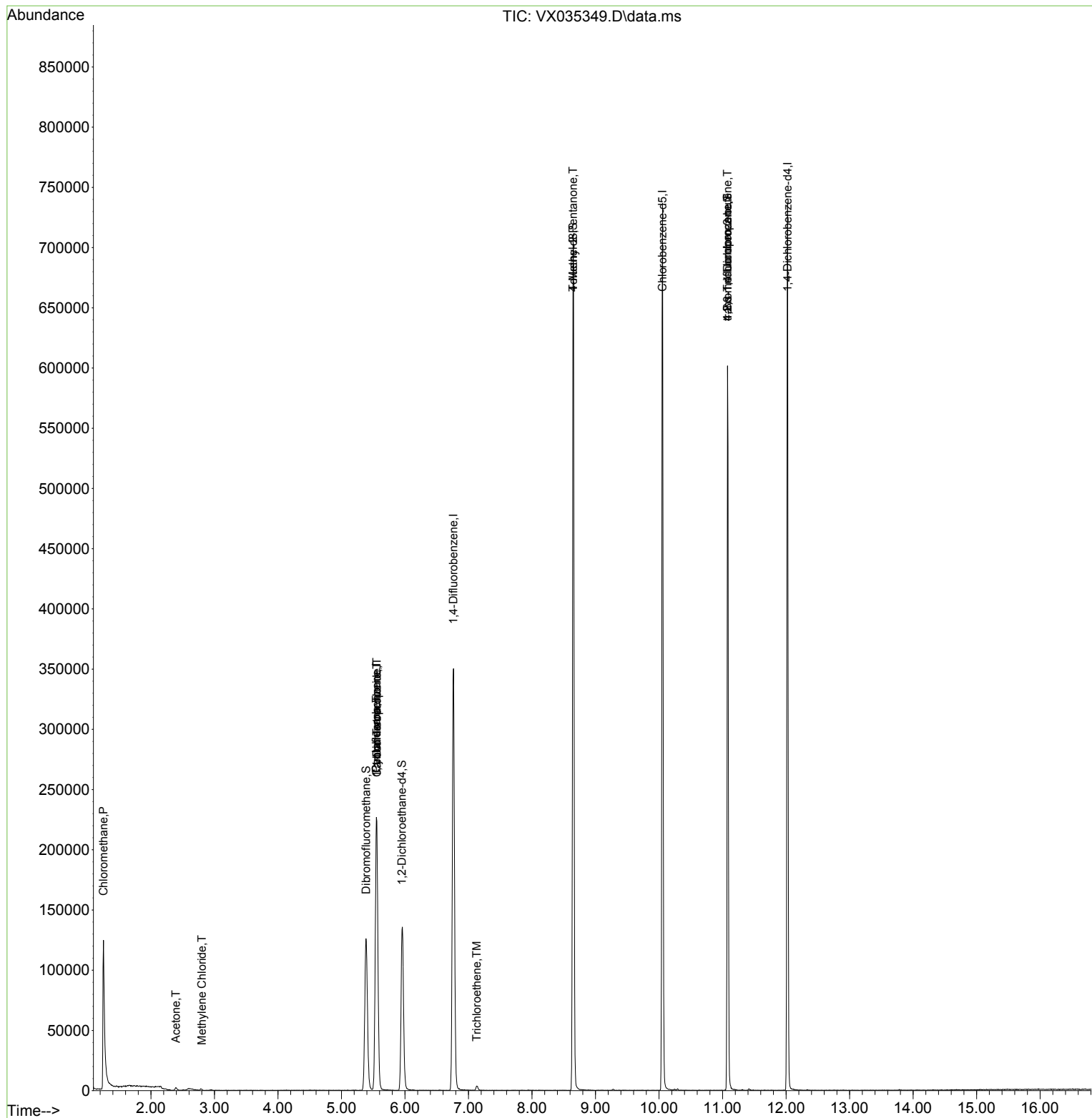
Target Compounds					Qvalue	
3) Chloromethane	1.252	50	3140	1.455	ug/l #	42
16) Acetone	2.392	43	2819	2.400	ug/l	96
20) Methylene Chloride	2.800	84	623	0.231	ug/l #	74
31) Cyclohexane	5.550	56	4213	1.098	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	16356	4.620	ug/l #	50
38) Carbon Tetrachloride	5.556	117	22599	6.725	ug/l #	17
44) Trichloroethene	7.128	130	1679	0.600	ug/l	82
51) 4-Methyl-2-Pentanone	8.646	43	1898	0.569	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	81155	25.493	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	81155	82.567	ug/l #	8

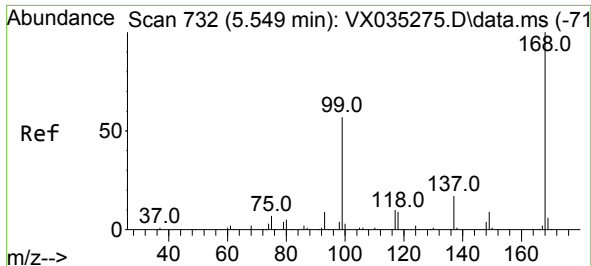
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 28 05:08:51 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

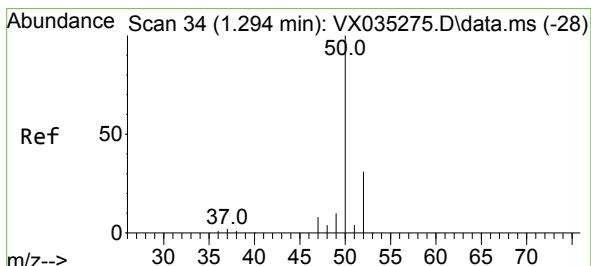
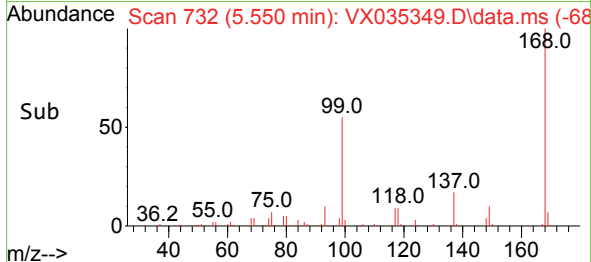
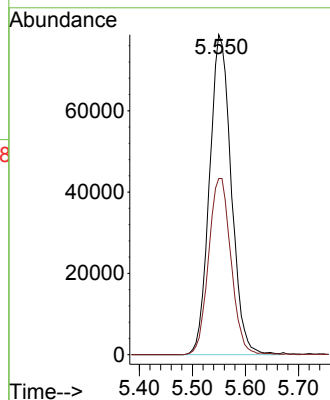
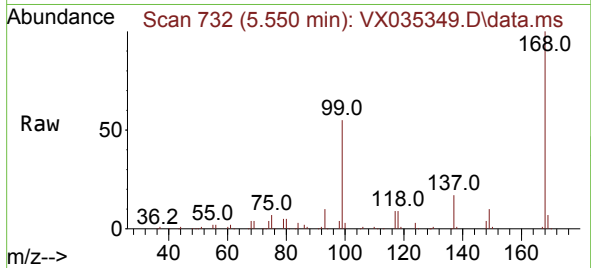




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX035349.D
Acq: 27 Apr 2023 18:17

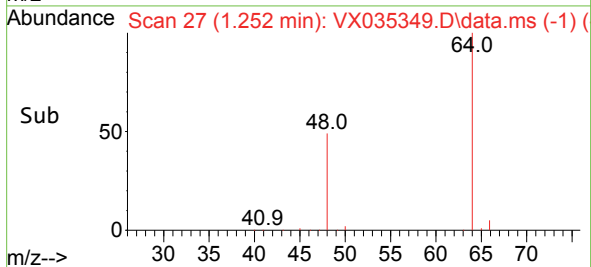
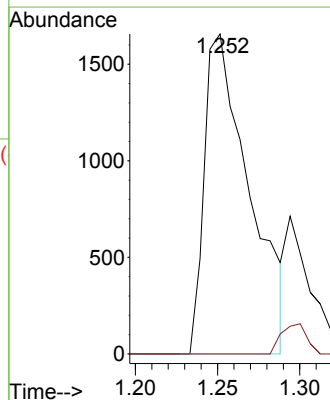
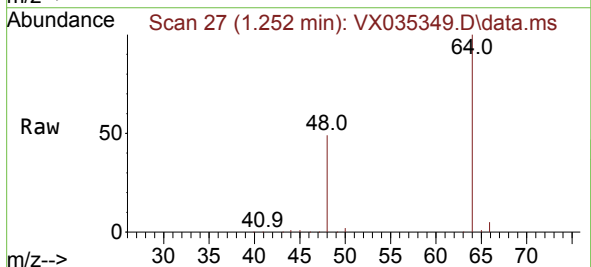
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MSVOA_X
ClientSampleId :
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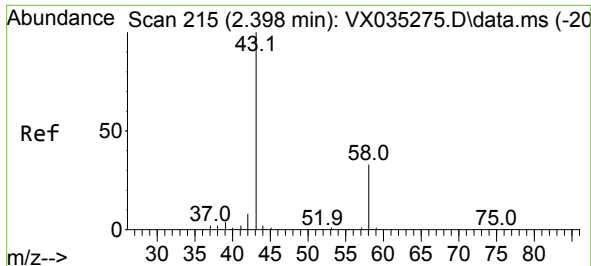
Tgt Ion:168 Resp: 224211
Ion Ratio Lower Upper
168 100
99 55.1 45.7 68.5



#3
Chloromethane
Concen: 1.455 ug/l
RT: 1.252 min Scan# 27
Delta R.T. -0.042 min
Lab File: VX035349.D
Acq: 27 Apr 2023 18:17

Tgt Ion: 50 Resp: 3140
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#

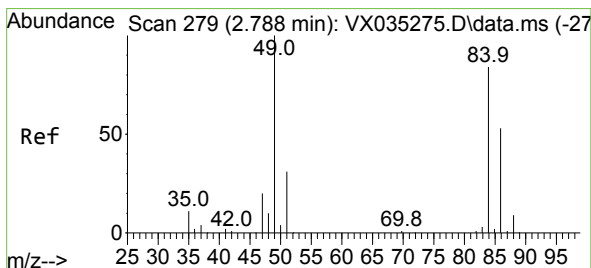
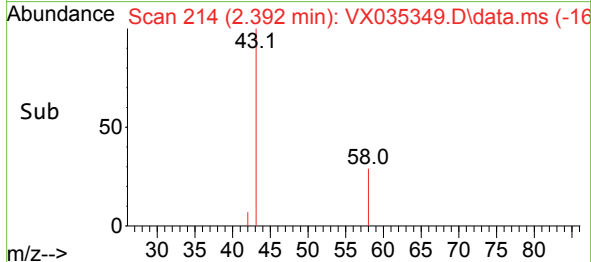
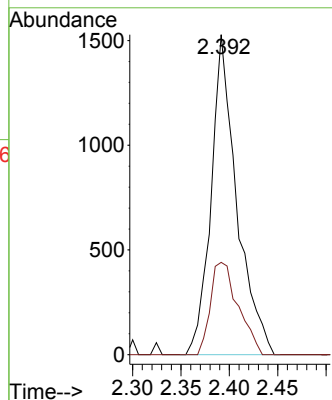
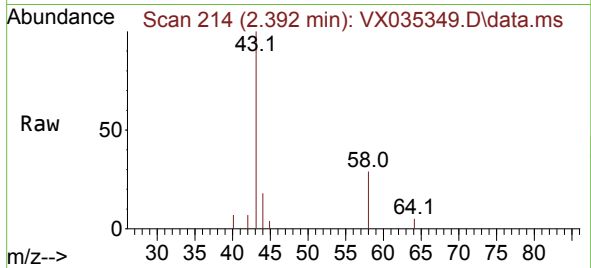




#16
Acetone
Concen: 2.400 ug/l
RT: 2.392 min Scan# 215
Delta R.T. -0.006 min
Lab File: VX035349.D
Acq: 27 Apr 2023 18:17

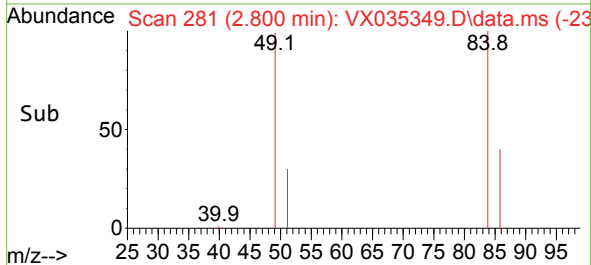
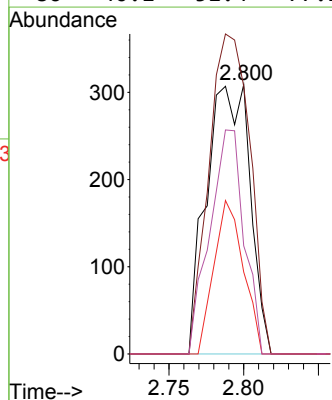
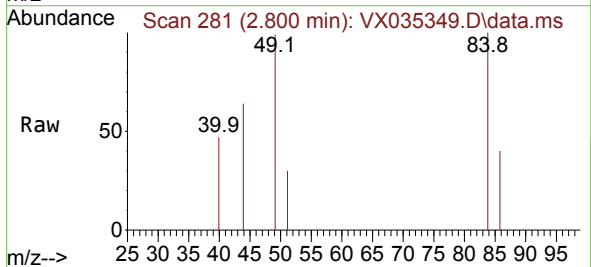
Instrument :
MSVOA_X
ClientSampleId :
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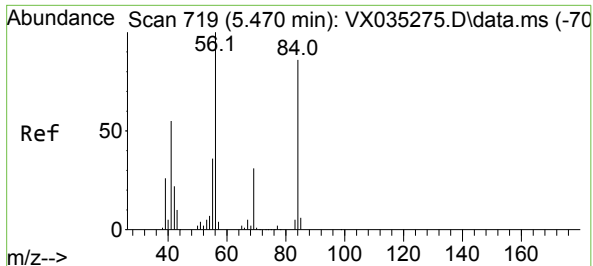
Tgt Ion: 43 Resp: 2819
Ion Ratio Lower Upper
43 100
58 28.9 24.7 37.1



#20
Methylene Chloride
Concen: 0.231 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.012 min
Lab File: VX035349.D
Acq: 27 Apr 2023 18:17

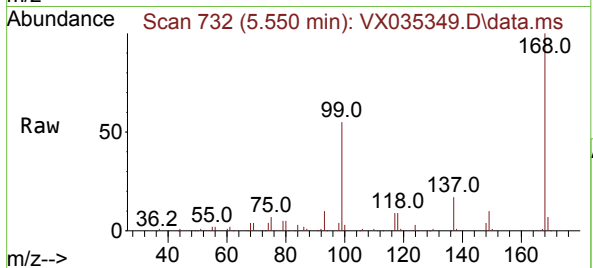
Tgt Ion: 84 Resp: 623
Ion Ratio Lower Upper
84 100
49 99.4 103.8 155.8#
51 30.4 31.8 47.8#
86 40.1 51.4 77.2#



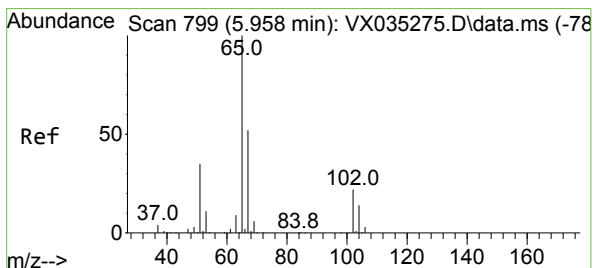
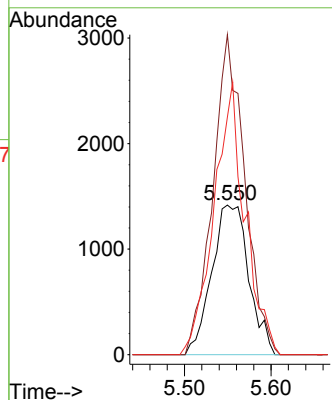
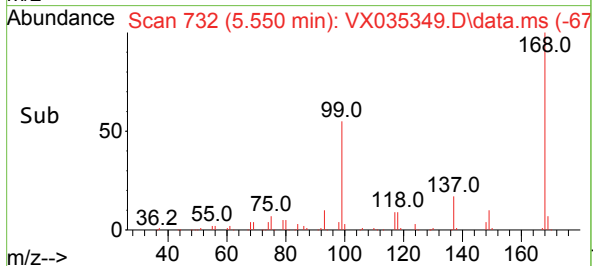


#31
Cyclohexane
Concen: 1.098 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX035349.D
Acq: 27 Apr 2023 18:17

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

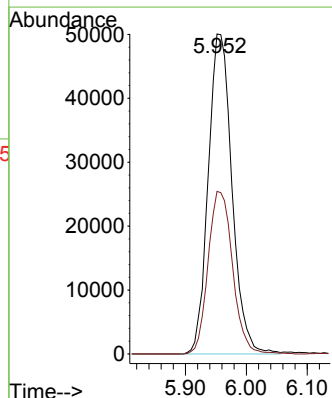
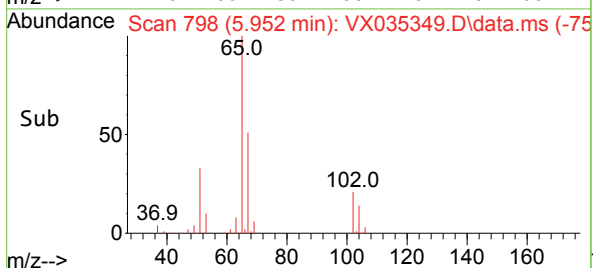
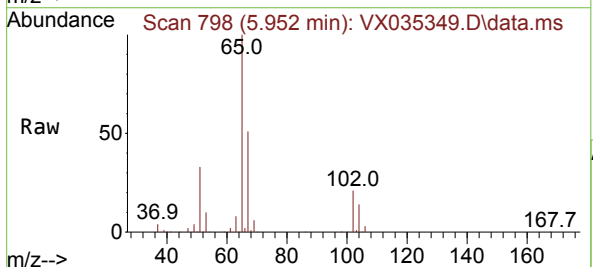


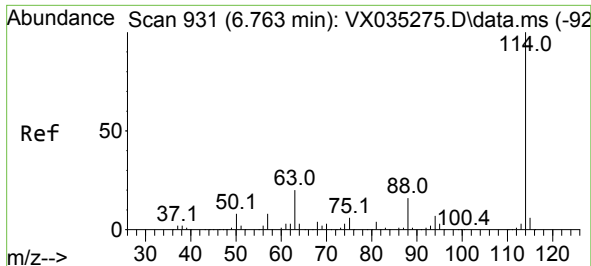
Tgt Ion: 56 Resp: 4213
Ion Ratio Lower Upper
56 100
69 213.8 23.7 35.5#
84 158.7 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 50.225 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX035349.D
Acq: 27 Apr 2023 18:17

Tgt Ion: 65 Resp: 135858
Ion Ratio Lower Upper
65 100
67 52.3 0.0 104.0

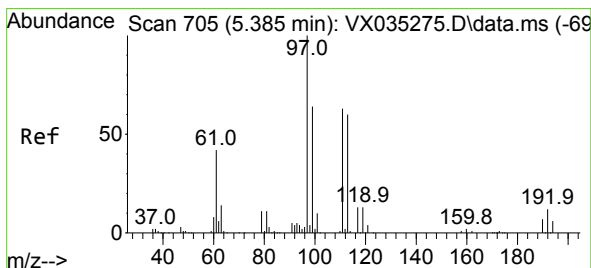
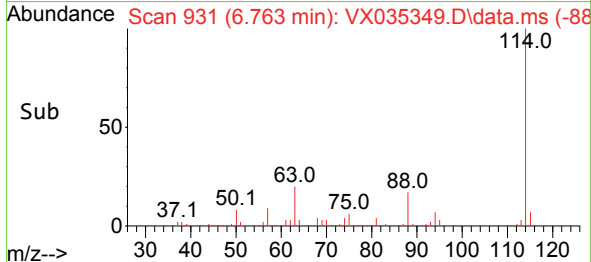
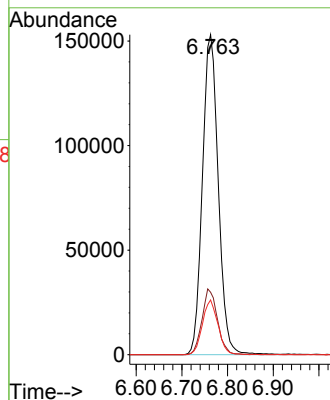
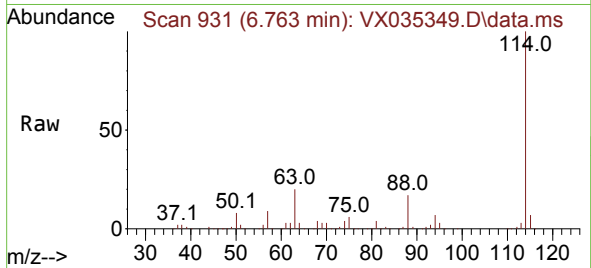




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX035349.D
Acq: 27 Apr 2023 18:17

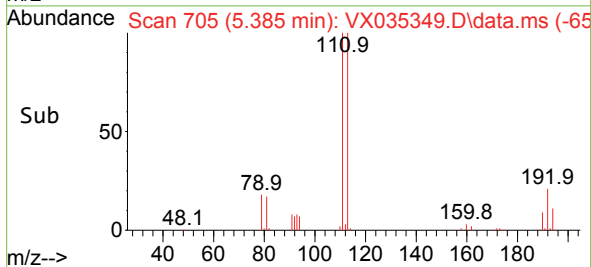
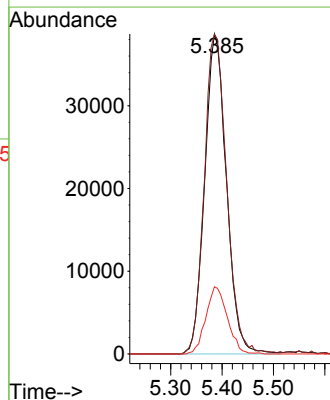
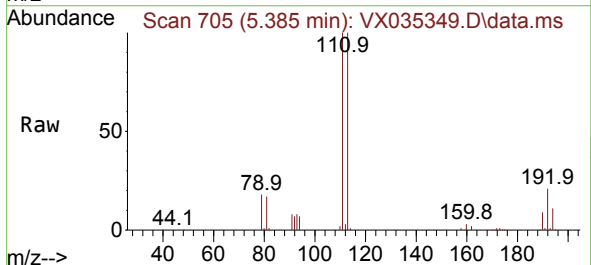
Instrument :
MSVOA_X
ClientSampleId :
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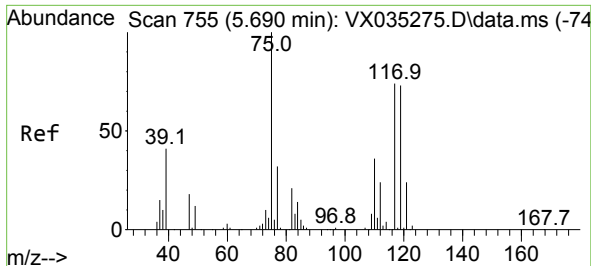
Tgt Ion:114 Resp: 369366
Ion Ratio Lower Upper
114 100
63 19.5 0.0 42.2
88 17.1 0.0 33.2



#35
Dibromofluoromethane
Concen: 50.073 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX035349.D
Acq: 27 Apr 2023 18:17

Tgt Ion:113 Resp: 113519
Ion Ratio Lower Upper
113 100
111 102.9 83.7 125.5
192 20.8 15.4 23.2

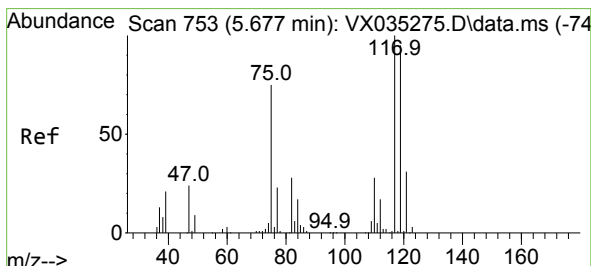
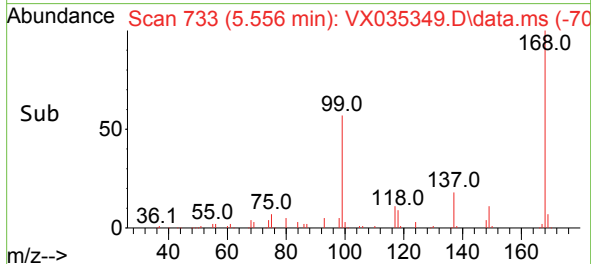
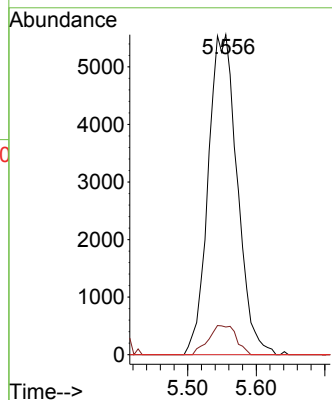
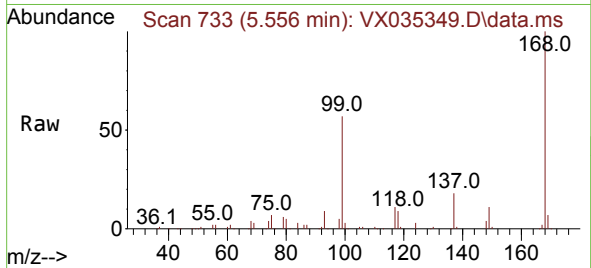




#36
 1,1-Dichloropropene
 Concen: 4.620 ug/l
 RT: 5.556 min Scan# 711
 Delta R.T. -0.134 min
 Lab File: VX035349.D
 Acq: 27 Apr 2023 18:17

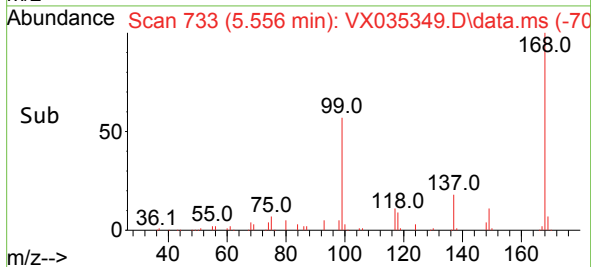
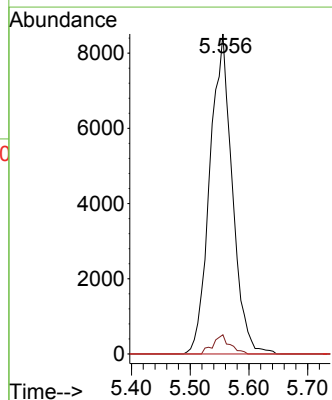
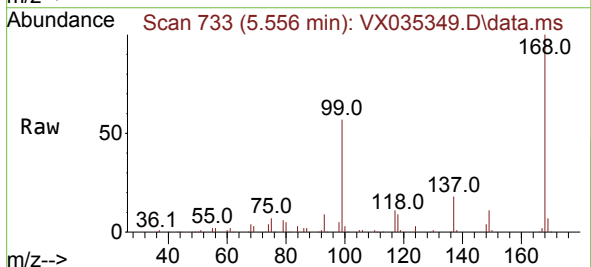
Instrument :
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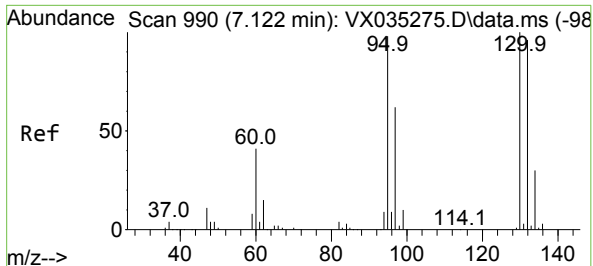
Tgt Ion: 75 Resp: 16356
 Ion Ratio Lower Upper
 75 100
 110 8.7 17.5 52.5#
 77 0.0 24.3 36.5#



#38
 Carbon Tetrachloride
 Concen: 6.725 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. -0.121 min
 Lab File: VX035349.D
 Acq: 27 Apr 2023 18:17

Tgt Ion: 117 Resp: 22599
 Ion Ratio Lower Upper
 117 100
 119 6.0 76.6 114.8#
 121 0.0 23.8 35.6#

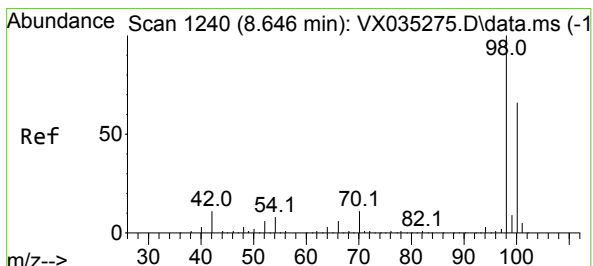
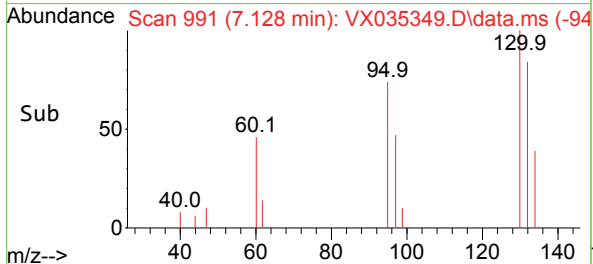
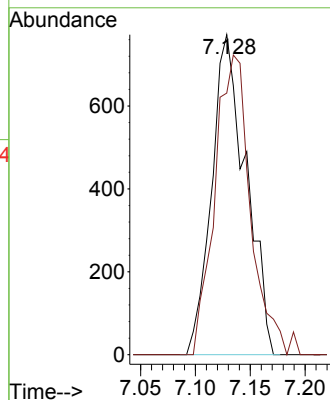
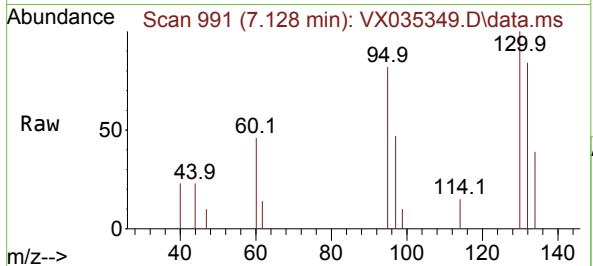




#44
 Trichloroethene
 Concen: 0.600 ug/l
 RT: 7.128 min Scan# 991
 Delta R.T. 0.006 min
 Lab File: VX035349.D
 Acq: 27 Apr 2023 18:17

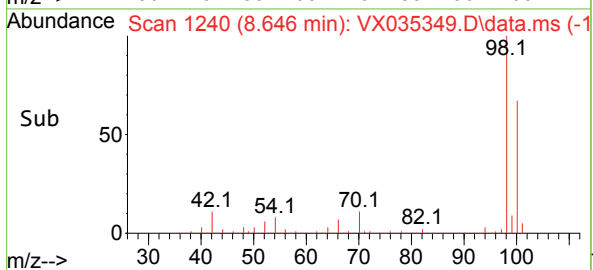
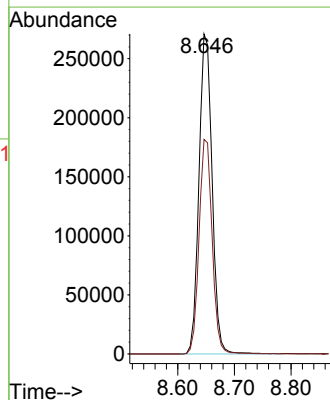
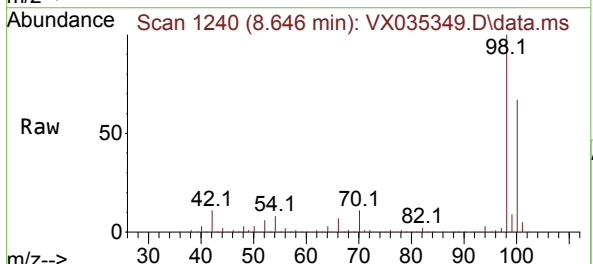
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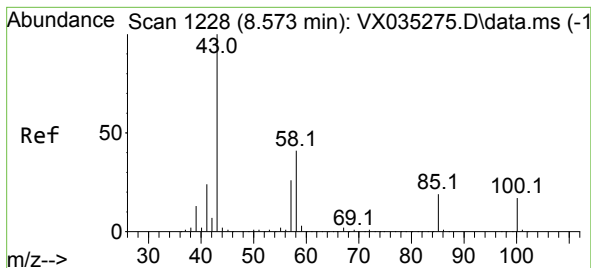
Tgt Ion:130 Resp: 1679
 Ion Ratio Lower Upper
 130 100
 95 81.7 0.0 198.4



#50
 Toluene-d8
 Concen: 50.886 ug/l
 RT: 8.646 min Scan# 1240
 Delta R.T. 0.000 min
 Lab File: VX035349.D
 Acq: 27 Apr 2023 18:17

Tgt Ion: 98 Resp: 435186
 Ion Ratio Lower Upper
 98 100
 100 66.9 52.5 78.7

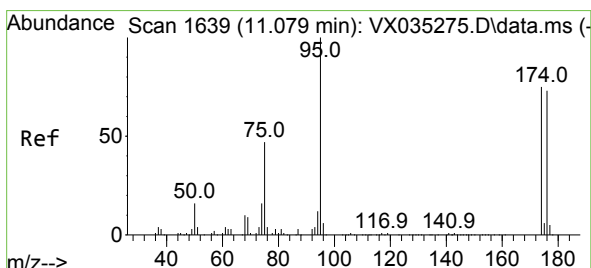
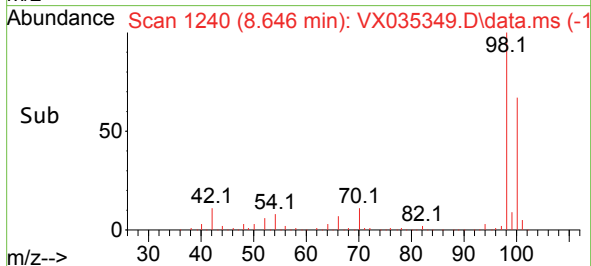
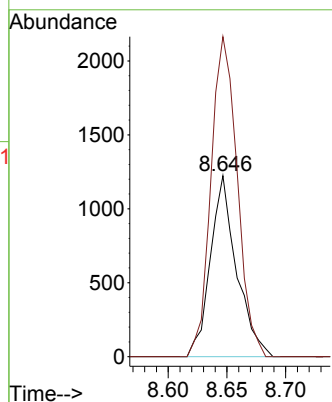
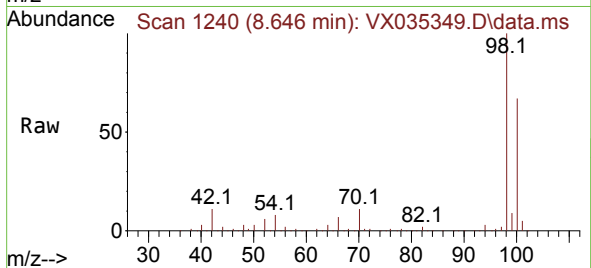




#51
4-Methyl-2-Pentanone
Concen: 0.569 ug/l
RT: 8.646 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX035349.D
Acq: 27 Apr 2023 18:17

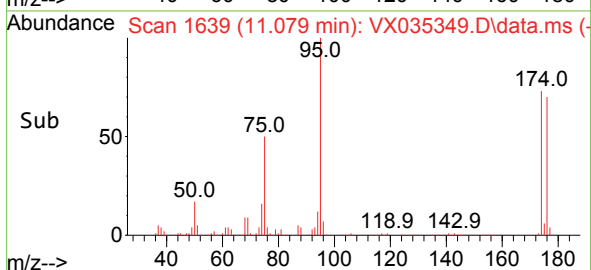
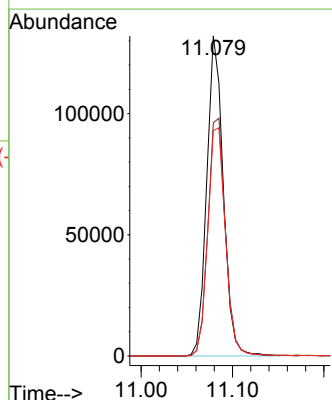
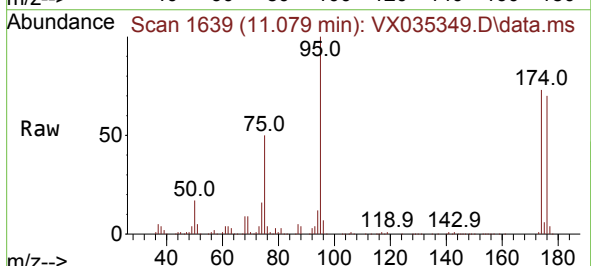
Instrument :
MSVOA_X
ClientSampleId :
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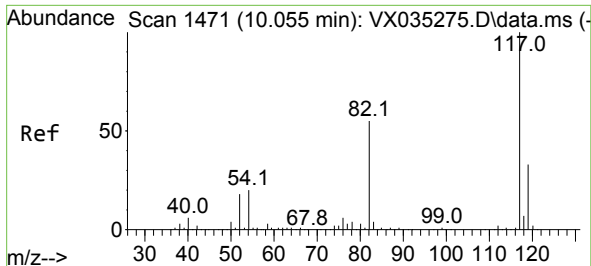
Tgt Ion: 43 Resp: 1898
Ion Ratio Lower Upper
43 100
58 177.2 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 51.394 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035349.D
Acq: 27 Apr 2023 18:17

Tgt Ion: 95 Resp: 165342
Ion Ratio Lower Upper
95 100
174 79.1 0.0 147.4
176 76.5 0.0 140.6

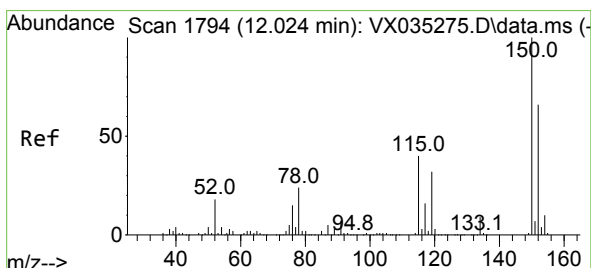
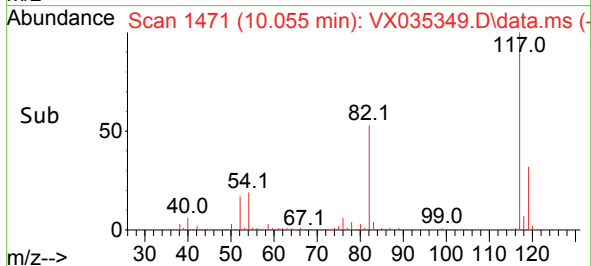
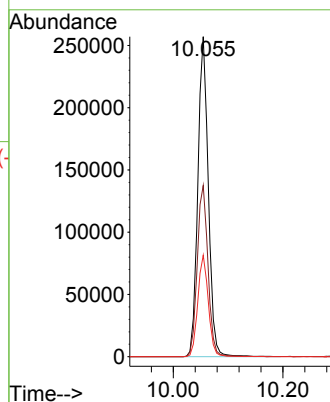
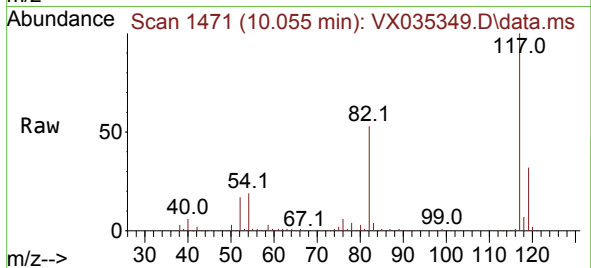




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035349.D
Acq: 27 Apr 2023 18:17

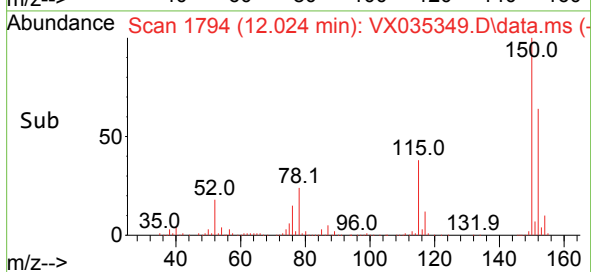
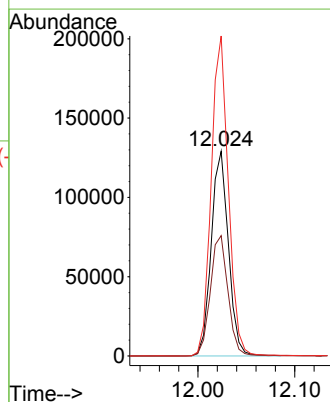
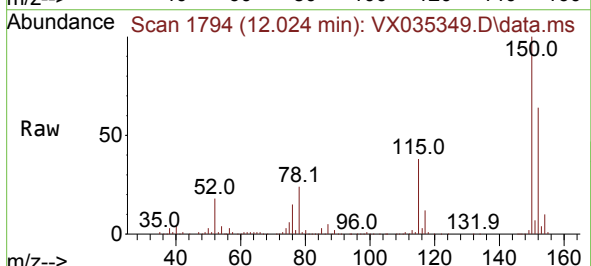
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

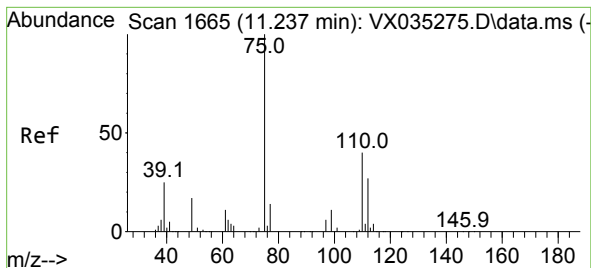
Tgt Ion:117 Resp: 342746
Ion Ratio Lower Upper
117 100
82 53.5 45.0 67.4
119 31.7 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX035349.D
Acq: 27 Apr 2023 18:17

Tgt Ion:152 Resp: 159589
Ion Ratio Lower Upper
152 100
115 60.5 45.0 135.0
150 155.9 0.0 352.4





#76

1,2,3-Trichloropropane

Concen: 25.493 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX035349.D

Acq: 27 Apr 2023 18:17

Instrument :

MSVOA_X

ClientSampleId :

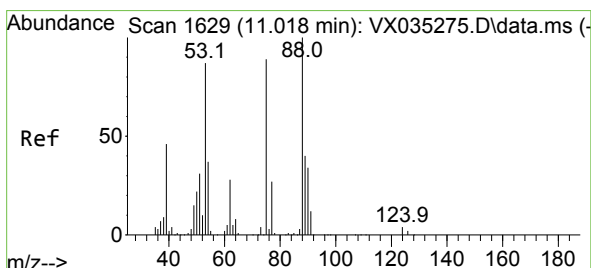
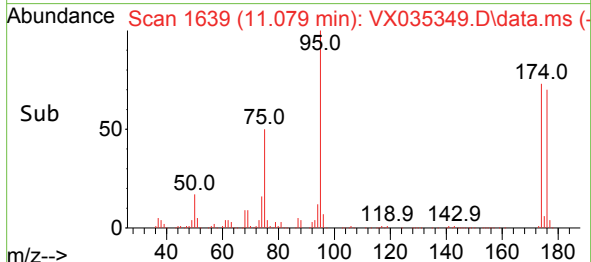
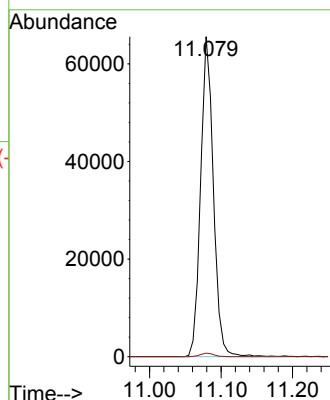
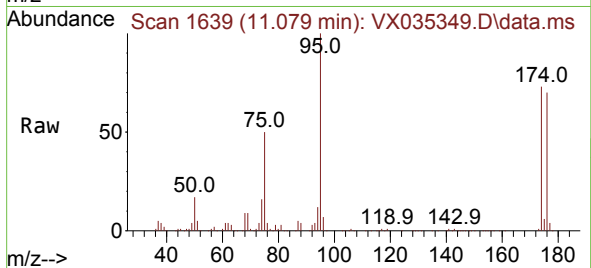
TRIP-BLANK

Tgt Ion: 75 Resp: 81155

Ion Ratio Lower Upper

75 100

77 1.2 21.6 64.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 82.567 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX035349.D

Acq: 27 Apr 2023 18:17

Tgt Ion: 75 Resp: 81155

Ion Ratio Lower Upper

75 100

53 0.0 82.6 124.0#

89 0.0 36.9 55.3#

