

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042723\
 Data File : VX035353.D
 Acq On : 27 Apr 2023 19:50
 Operator : JC/MD
 Sample : 02495-01RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PZ-01

Quant Time: Apr 28 05:10:44 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	5.556	168	225496	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	367679	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	327989	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	145355	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	134969	49.612	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.220%
35) Dibromofluoromethane	5.385	113	113470	50.281	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.560%
50) Toluene-d8	8.647	98	428157	50.294	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.580%
62) 4-Bromofluorobenzene	11.079	95	154065	48.108	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.220%

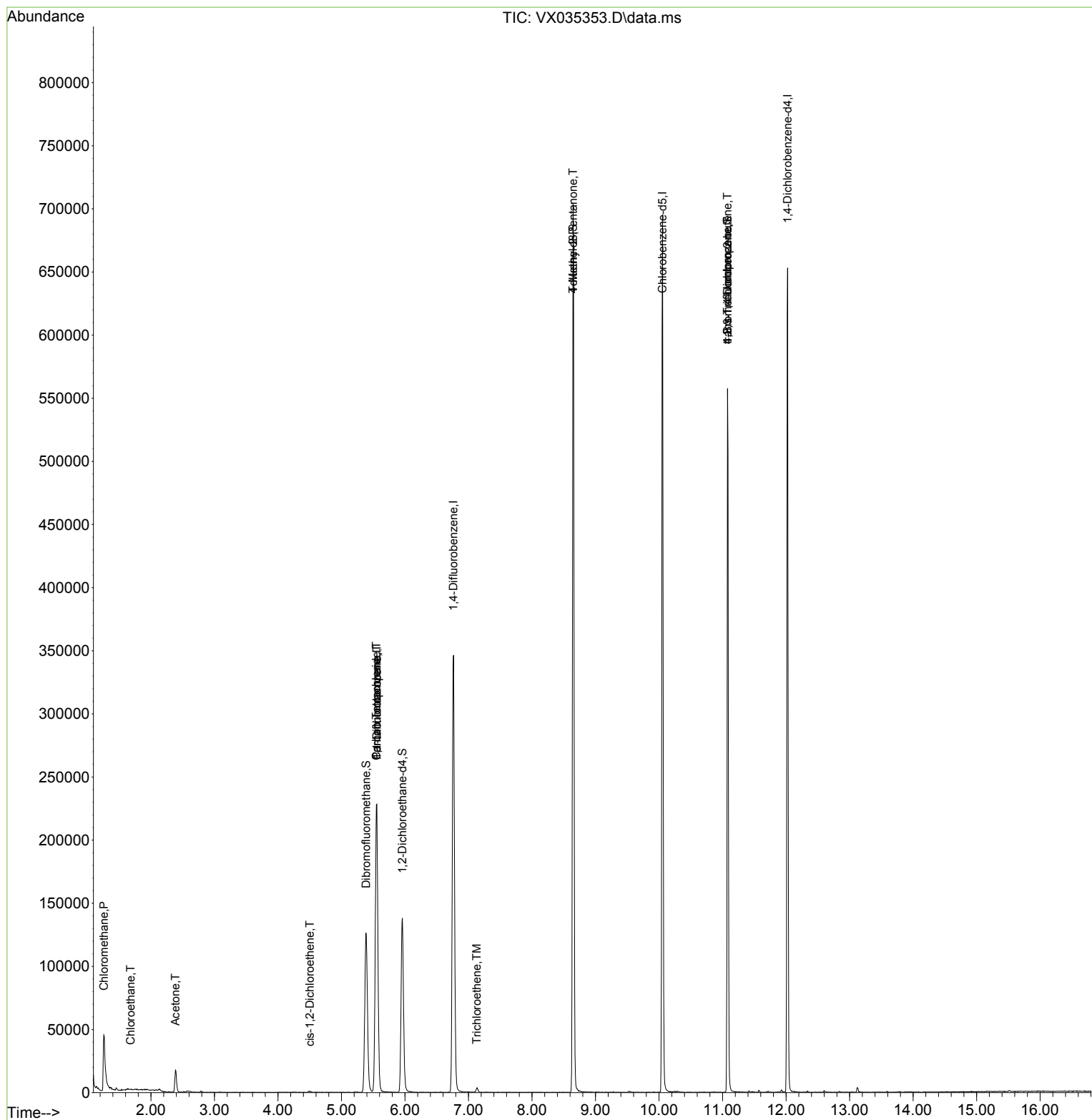
Target Compounds					Qvalue	
3) Chloromethane	1.258	50	1159	0.534	ug/l #	42
6) Chloroethane	1.679	64	800	0.628	ug/l #	42
16) Acetone	2.386	43	20886	17.677	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	607	0.217	ug/l	69
36) 1,1-Dichloropropene	5.556	75	15939	4.523	ug/l #	47
38) Carbon Tetrachloride	5.550	117	22479	6.720	ug/l #	16
44) Trichloroethene	7.129	130	1379	0.495	ug/l	65
51) 4-Methyl-2-Pentanone	8.647	43	1761	0.530	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	77762	26.819	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	77762	86.862	ug/l #	8

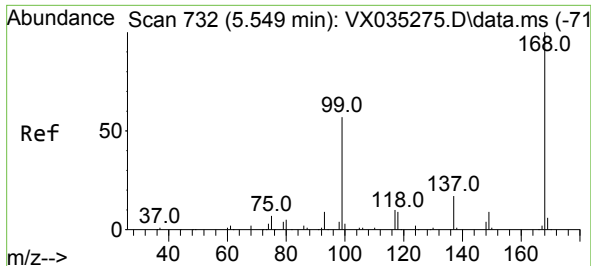
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

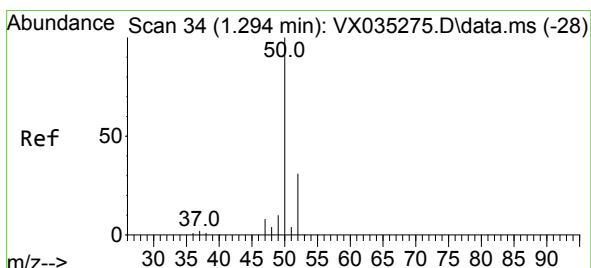
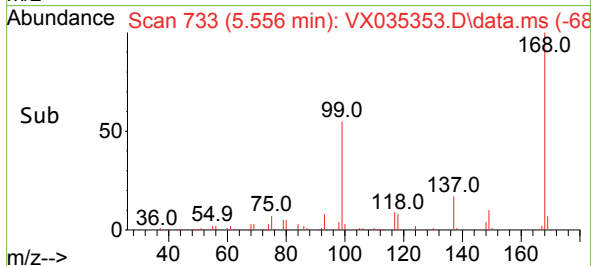
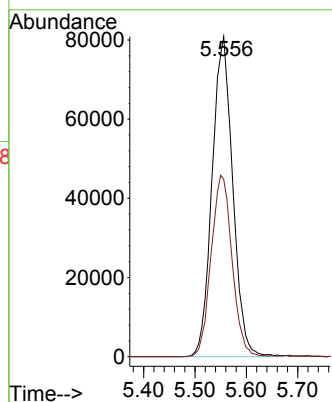
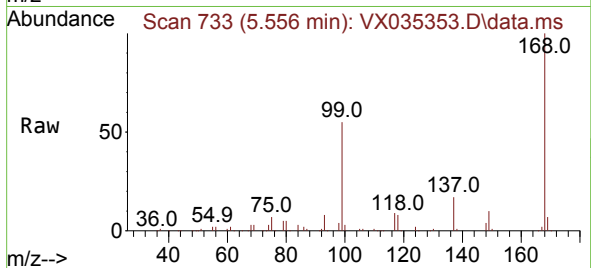




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX035353.D
Acq: 27 Apr 2023 19:50

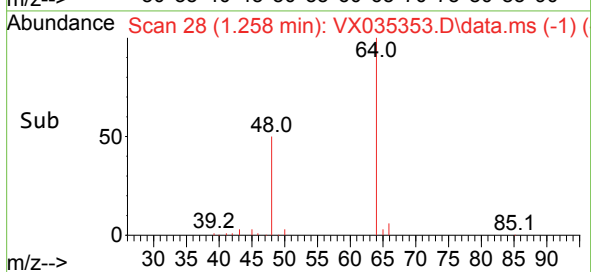
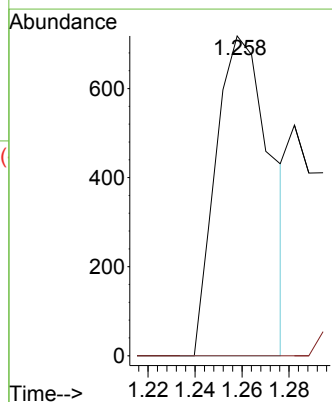
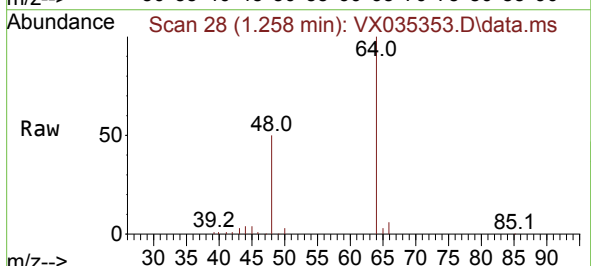
Instrument :
MSVOA_X
ClientSampleId :
PZ-01

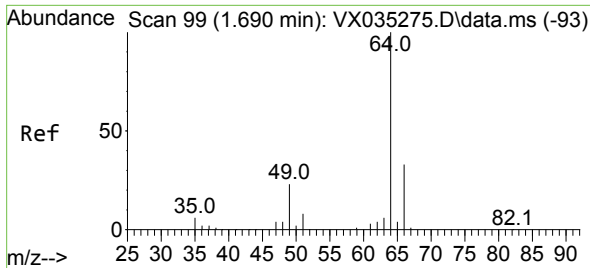
Tgt Ion:168 Resp: 225496
Ion Ratio Lower Upper
168 100
99 55.4 45.7 68.5



#3
Chloromethane
Concen: 0.534 ug/l
RT: 1.258 min Scan# 28
Delta R.T. -0.036 min
Lab File: VX035353.D
Acq: 27 Apr 2023 19:50

Tgt Ion: 50 Resp: 1159
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#

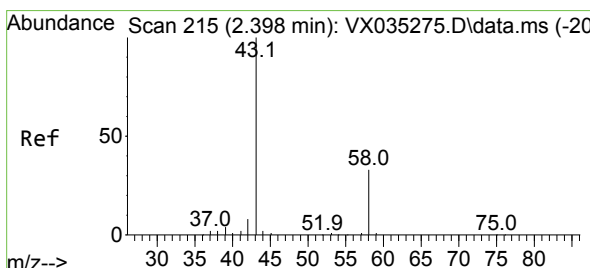
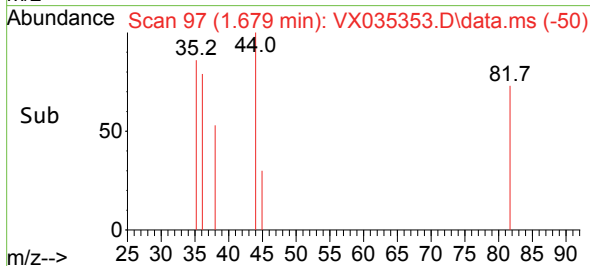
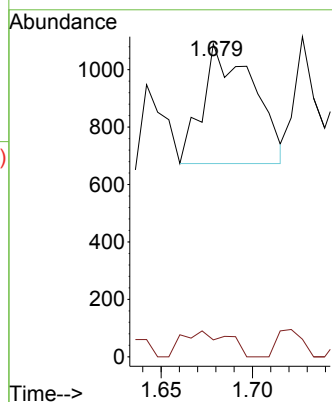
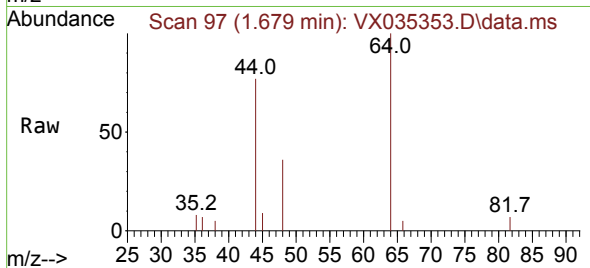




#6
Chloroethane
Concen: 0.628 ug/l
RT: 1.679 min Scan# 91
Delta R.T. -0.011 min
Lab File: VX035353.D
Acq: 27 Apr 2023 19:50

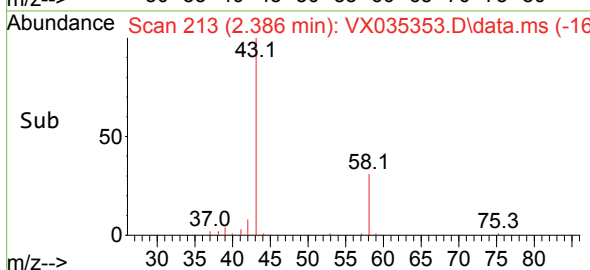
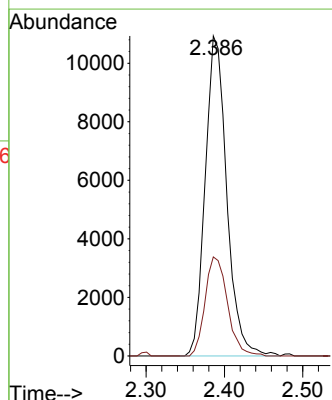
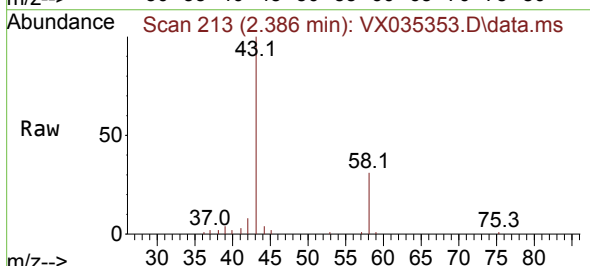
Instrument :
MSVOA_X
ClientSampleId :
PZ-01

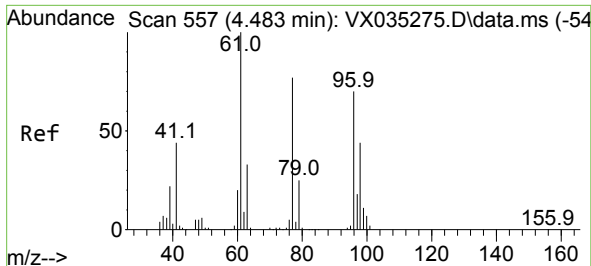
Tgt Ion: 64 Resp: 800
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#16
Acetone
Concen: 17.677 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.012 min
Lab File: VX035353.D
Acq: 27 Apr 2023 19:50

Tgt Ion: 43 Resp: 20886
Ion Ratio Lower Upper
43 100
58 31.0 24.7 37.1





#27

cis-1,2-Dichloroethene

Concen: 0.217 ug/l

RT: 4.501 min Scan# 5

Delta R.T. 0.018 min

Lab File: VX035353.D

Acq: 27 Apr 2023 19:50

Instrument :

MSVOA_X

ClientSampleId :

PZ-01

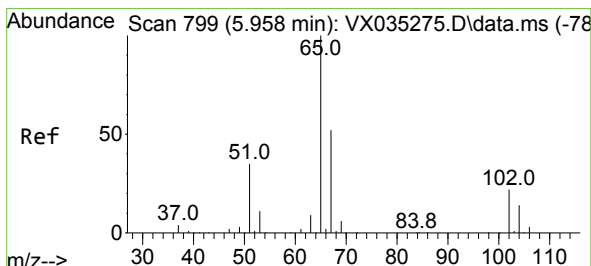
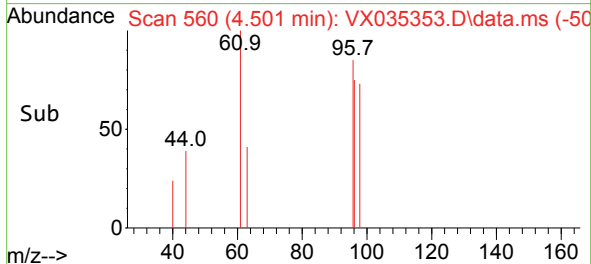
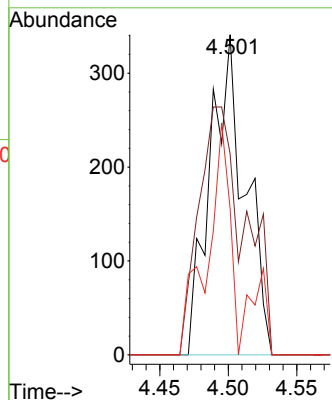
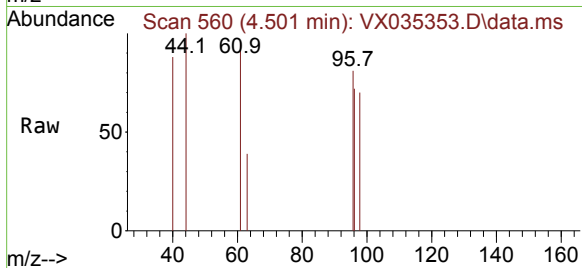
Tgt Ion: 96 Resp: 607

Ion Ratio Lower Upper

96 100

61 101.2 0.0 300.4

98 54.0 0.0 129.0



#33

1,2-Dichloroethane-d4

Concen: 49.612 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX035353.D

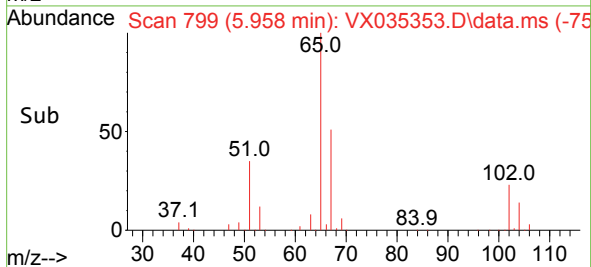
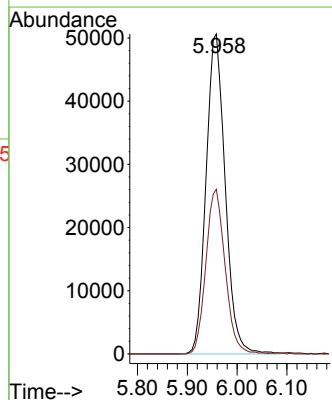
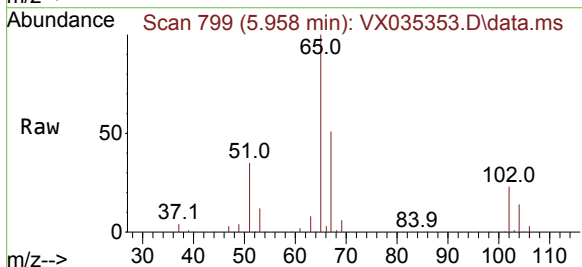
Acq: 27 Apr 2023 19:50

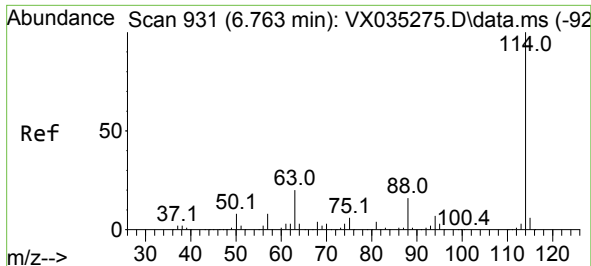
Tgt Ion: 65 Resp: 134969

Ion Ratio Lower Upper

65 100

67 51.8 0.0 104.0

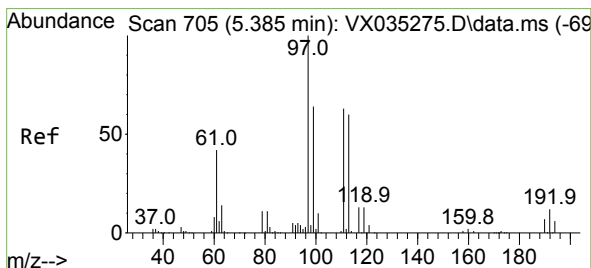
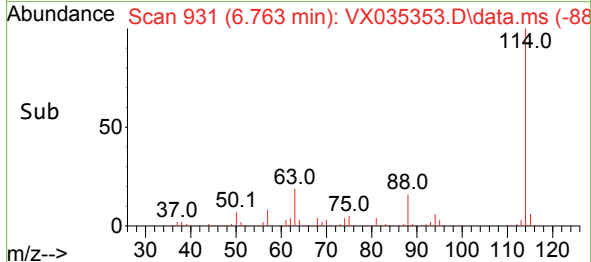
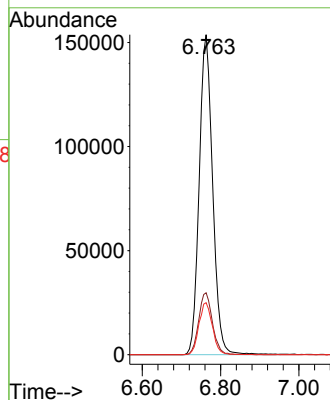
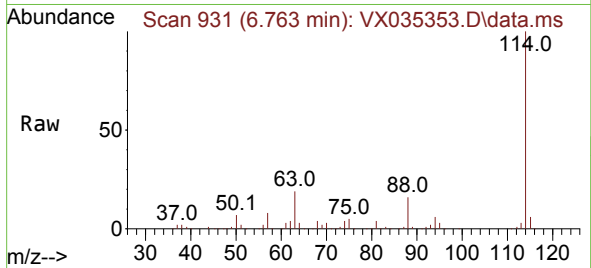




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX035353.D
Acq: 27 Apr 2023 19:50

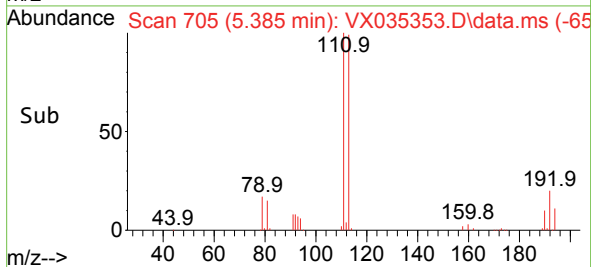
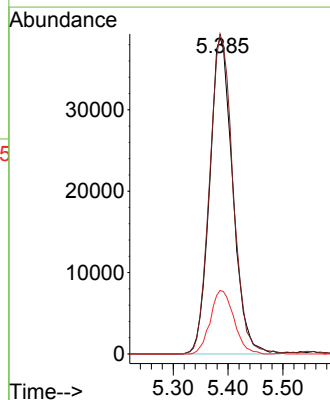
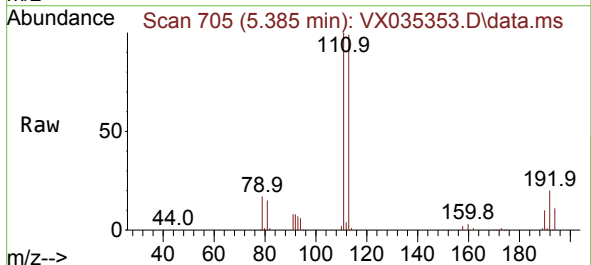
Instrument :
MSVOA_X
ClientSampleId :
PZ-01

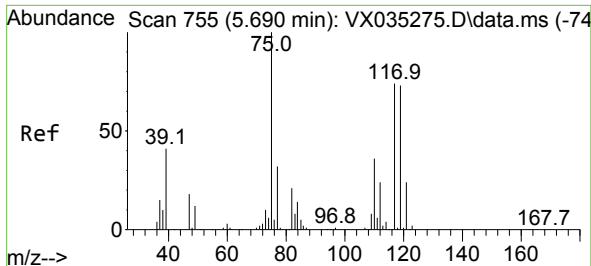
Tgt Ion:114 Resp: 367679
Ion Ratio Lower Upper
114 100
63 19.3 0.0 42.2
88 16.3 0.0 33.2



#35
Dibromofluoromethane
Concen: 50.281 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035353.D
Acq: 27 Apr 2023 19:50

Tgt Ion:113 Resp: 113470
Ion Ratio Lower Upper
113 100
111 102.2 83.7 125.5
192 20.5 15.4 23.2

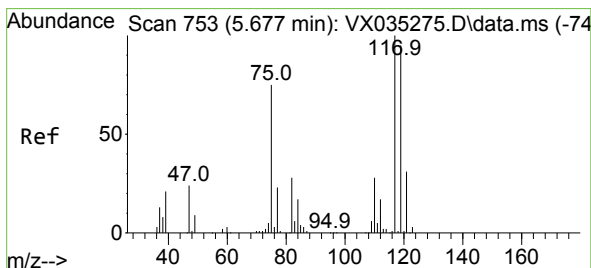
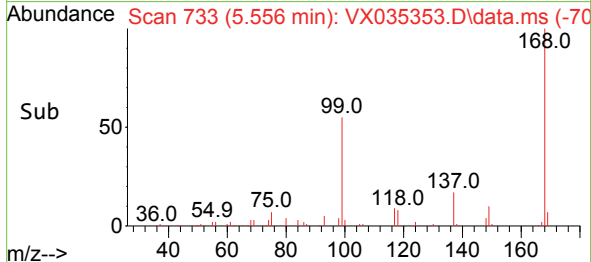
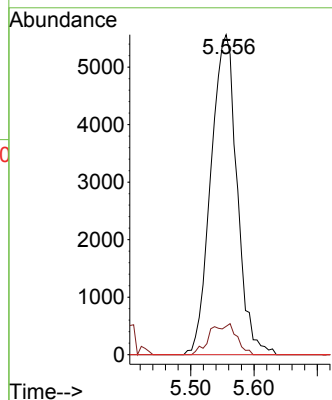
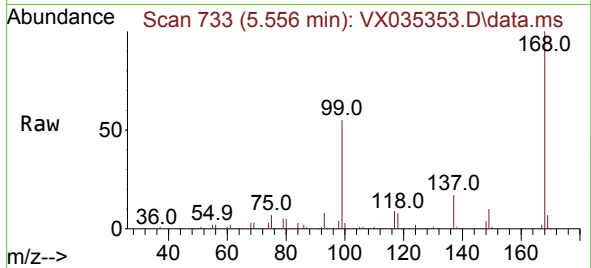




#36
1,1-Dichloropropene
Concen: 4.523 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX035353.D
Acq: 27 Apr 2023 19:50

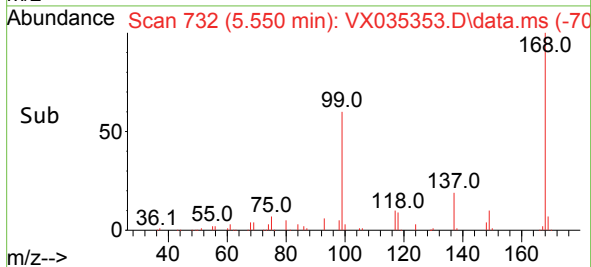
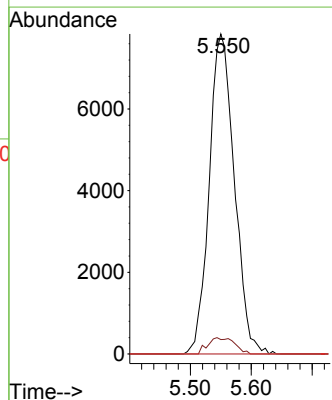
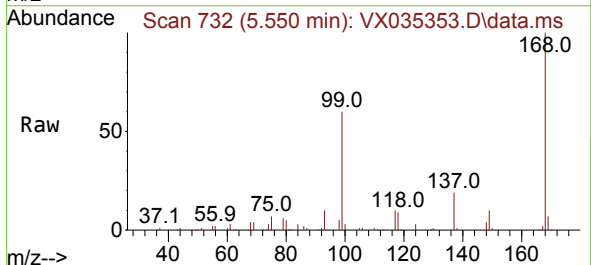
Instrument :
MSVOA_X
ClientSampleId :
PZ-01

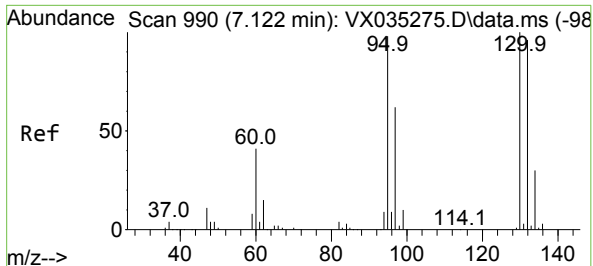
Tgt Ion: 75 Resp: 15939
Ion Ratio Lower Upper
75 100
110 5.4 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.720 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.127 min
Lab File: VX035353.D
Acq: 27 Apr 2023 19:50

Tgt Ion: 117 Resp: 22479
Ion Ratio Lower Upper
117 100
119 4.5 76.6 114.8#
121 0.0 23.8 35.6#

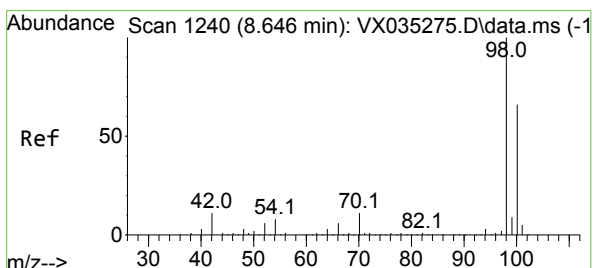
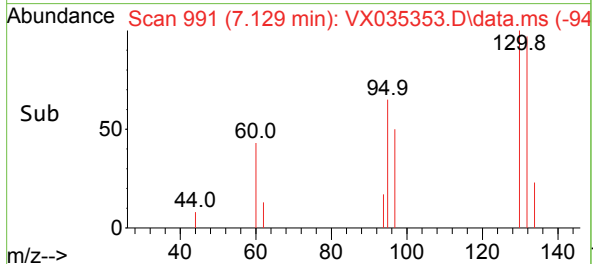
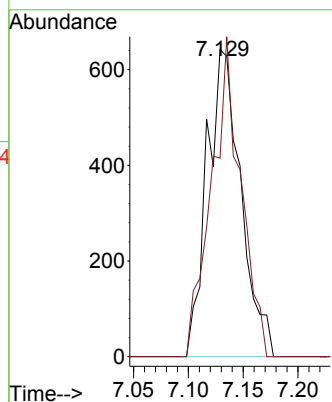
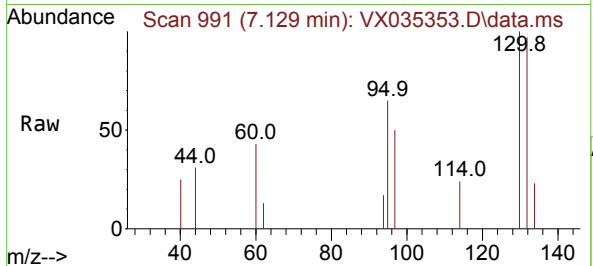




#44
 Trichloroethene
 Concen: 0.495 ug/l
 RT: 7.129 min Scan# 991
 Delta R.T. 0.007 min
 Lab File: VX035353.D
 Acq: 27 Apr 2023 19:50

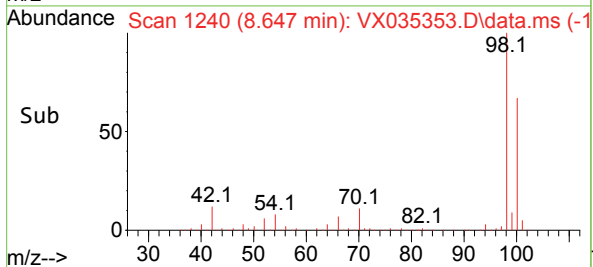
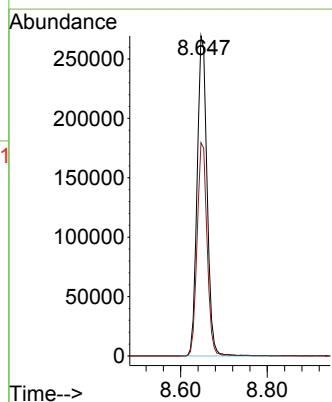
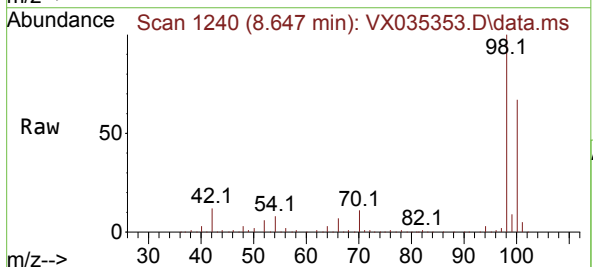
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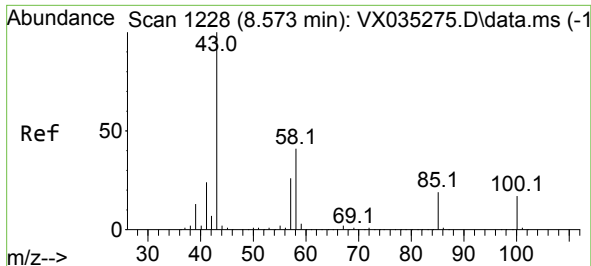
Tgt Ion:130 Resp: 1379
 Ion Ratio Lower Upper
 130 100
 95 64.6 0.0 198.4



#50
 Toluene-d8
 Concen: 50.294 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. 0.001 min
 Lab File: VX035353.D
 Acq: 27 Apr 2023 19:50

Tgt Ion: 98 Resp: 428157
 Ion Ratio Lower Upper
 98 100
 100 66.7 52.5 78.7

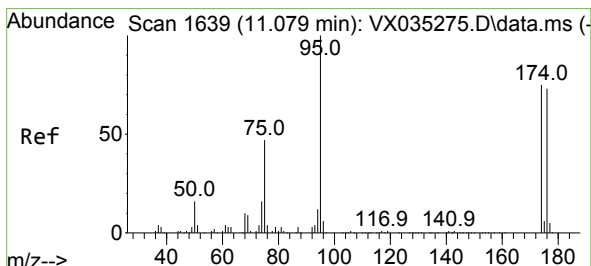
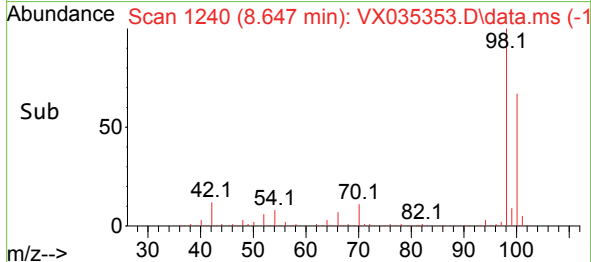
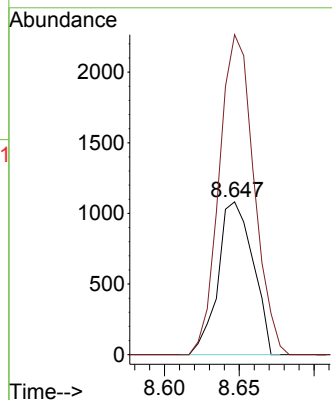
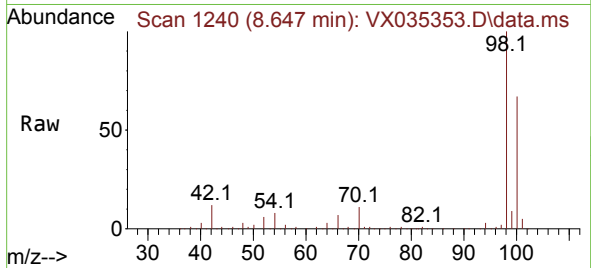




#51
4-Methyl-2-Pentanone
Concen: 0.530 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.074 min
Lab File: VX035353.D
Acq: 27 Apr 2023 19:50

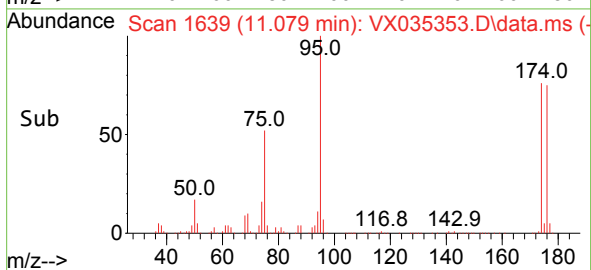
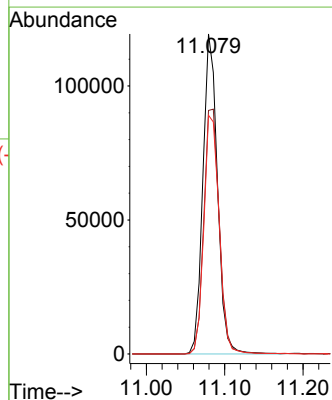
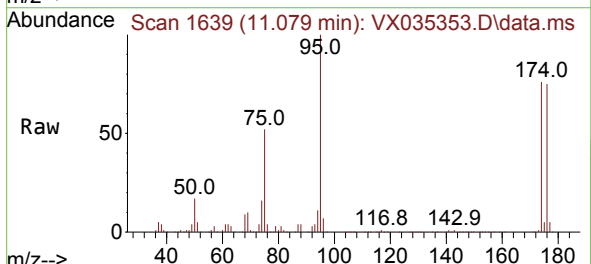
Instrument :
MSVOA_X
ClientSampleId :
PZ-01

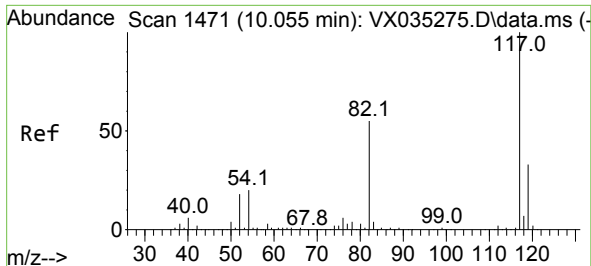
Tgt Ion: 43 Resp: 1761
Ion Ratio Lower Upper
43 100
58 208.1 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 48.108 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035353.D
Acq: 27 Apr 2023 19:50

Tgt Ion: 95 Resp: 154065
Ion Ratio Lower Upper
95 100
174 81.4 0.0 147.4
176 78.4 0.0 140.6

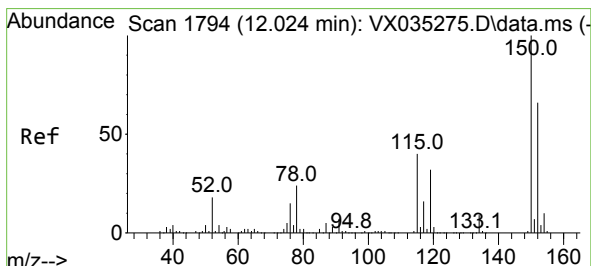
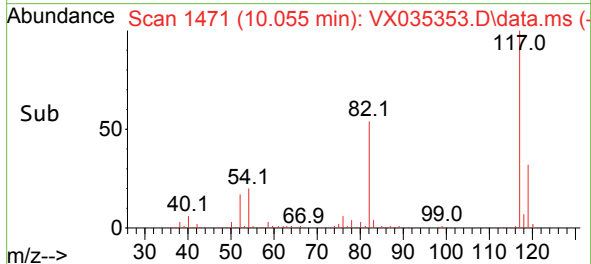
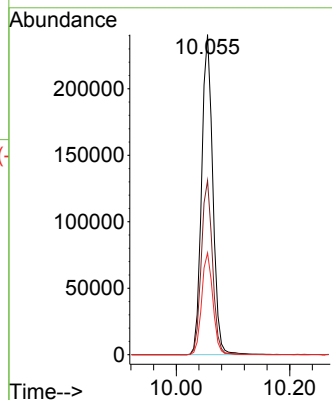
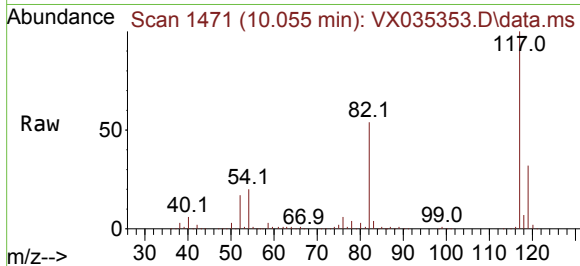




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035353.D
Acq: 27 Apr 2023 19:50

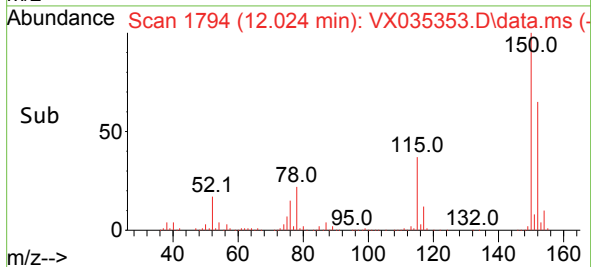
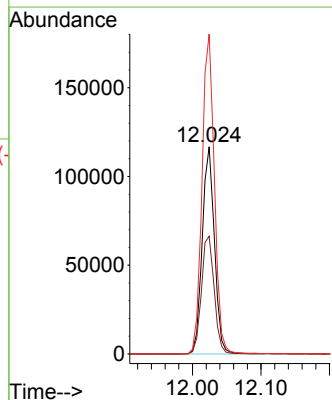
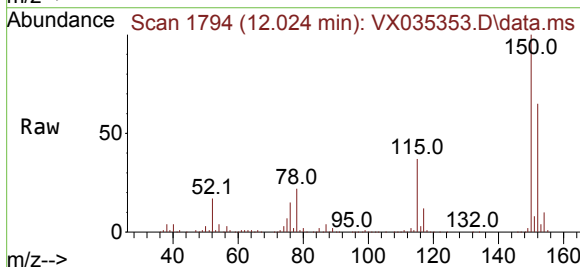
Instrument :
MSVOA_X
ClientSampleId :
PZ-01

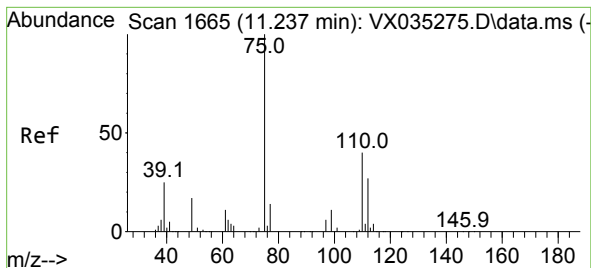
Tgt Ion:117 Resp: 327989
Ion Ratio Lower Upper
117 100
82 54.4 45.0 67.4
119 31.8 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035353.D
Acq: 27 Apr 2023 19:50

Tgt Ion:152 Resp: 145355
Ion Ratio Lower Upper
152 100
115 59.3 45.0 135.0
150 156.4 0.0 352.4





#76

1,2,3-Trichloropropane

Concen: 26.819 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX035353.D

Acq: 27 Apr 2023 19:50

Instrument :

MSVOA_X

ClientSampleId :

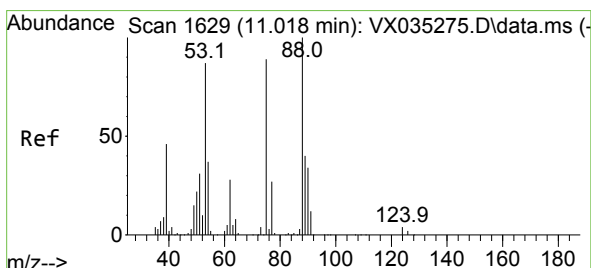
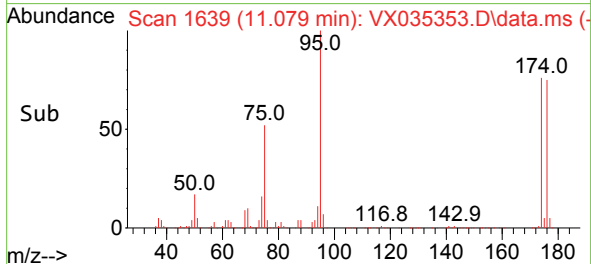
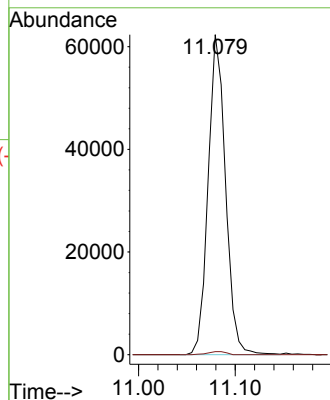
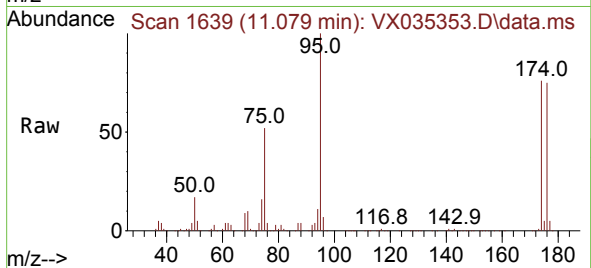
PZ-01

Tgt Ion: 75 Resp: 77762

Ion Ratio Lower Upper

75 100

77 1.0 21.6 64.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 86.862 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX035353.D

Acq: 27 Apr 2023 19:50

Tgt Ion: 75 Resp: 77762

Ion Ratio Lower Upper

75 100

53 0.0 82.6 124.0#

89 0.1 36.9 55.3#

