

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042823\
 Data File : VX035404.D
 Acq On : 28 Apr 2023 20:21
 Operator : JC/MD
 Sample : 02495-03RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PZ-02

Quant Time: Apr 29 00:44:27 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	238419	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	394894	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	363087	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	173207	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	142132	49.413	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.820%
35) Dibromofluoromethane	5.391	113	120877	49.872	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.740%
50) Toluene-d8	8.647	98	463850	50.732	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.460%
62) 4-Bromofluorobenzene	11.079	95	177388	51.574	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.140%

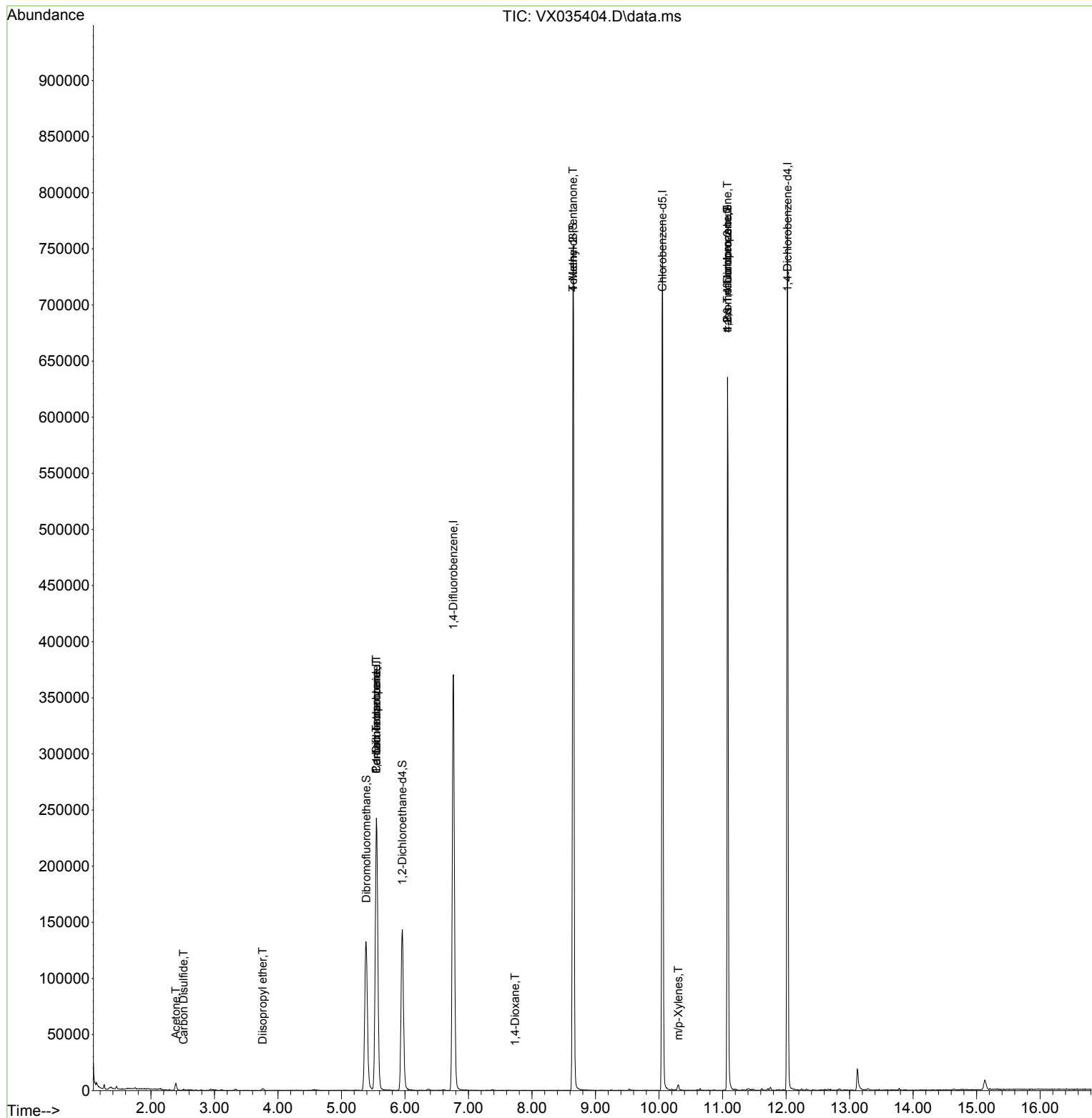
Target Compounds					Qvalue	
16) Acetone	2.392	43	6912	5.533	ug/l #	84
17) Carbon Disulfide	2.514	76	1185	0.213	ug/l #	75
22) Diisopropyl ether	3.757	45	1659	0.206	ug/l #	61
36) 1,1-Dichloropropene	5.550	75	16446	4.346	ug/l #	52
38) Carbon Tetrachloride	5.550	117	23559	6.557	ug/l #	15
49) 1,4-Dioxane	7.732	88	19	0.274	ug/l #	23
51) 4-Methyl-2-Pentanone	8.647	43	1928	0.540	ug/l #	1
68) m/p-Xylenes	10.305	106	1333	0.256	ug/l	89
76) 1,2,3-Trichloropropane	11.079	75	87567	25.344	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	87567	82.086	ug/l #	8

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

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PZ-02

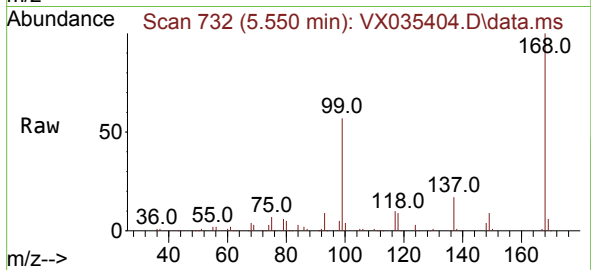
Quant Time: Apr 29 00:44:27 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 16:31:40 2023
Response via : Initial Calibration



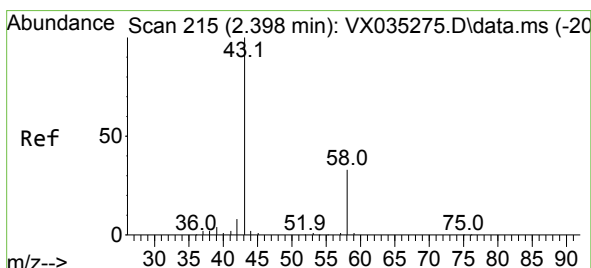
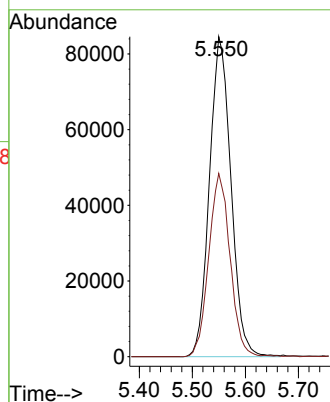
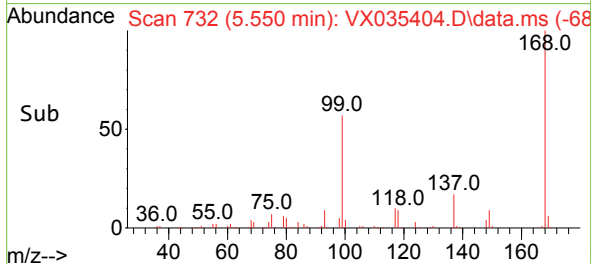


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035404.D
Acq: 28 Apr 2023 20:21

Instrument :
MSVOA_X
ClientSampleId :
PZ-02

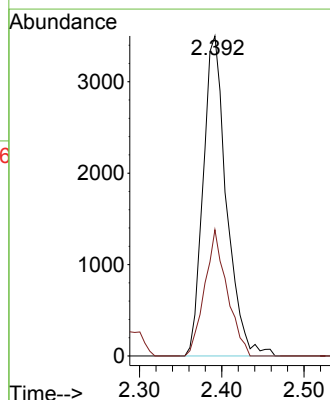
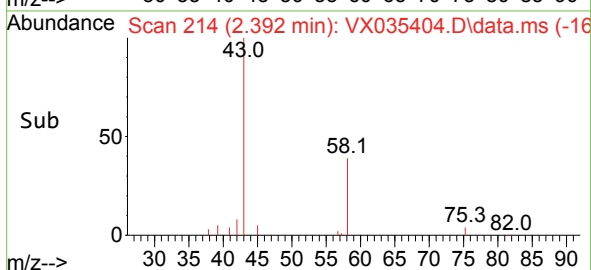
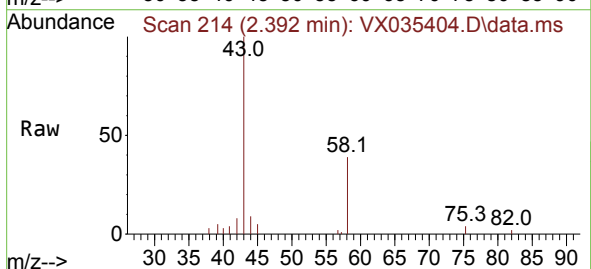


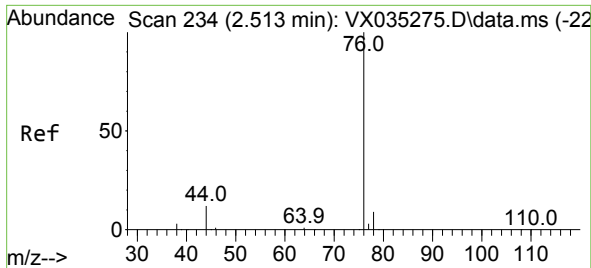
Tgt Ion:168 Resp: 238419
Ion Ratio Lower Upper
168 100
99 57.2 45.7 68.5



#16
Acetone
Concen: 5.533 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX035404.D
Acq: 28 Apr 2023 20:21

Tgt Ion: 43 Resp: 6912
Ion Ratio Lower Upper
43 100
58 39.5 24.7 37.1#

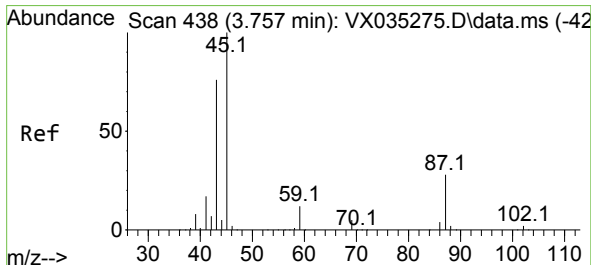
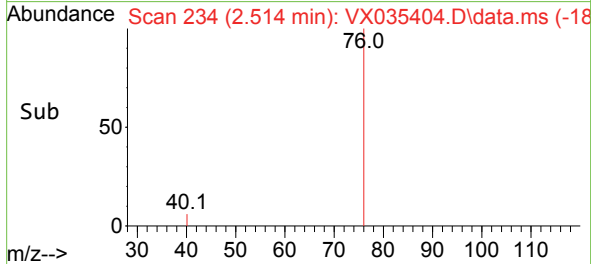
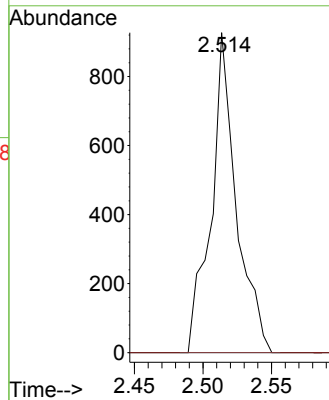
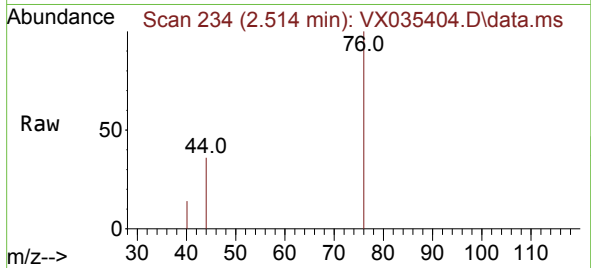




#17
Carbon Disulfide
Concen: 0.213 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX035404.D
Acq: 28 Apr 2023 20:21

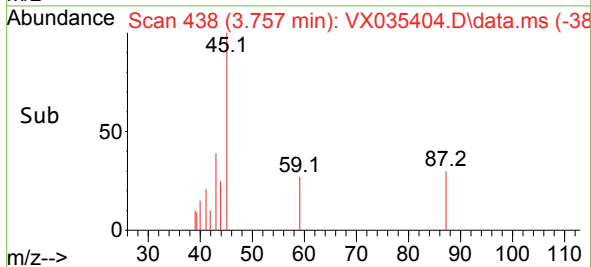
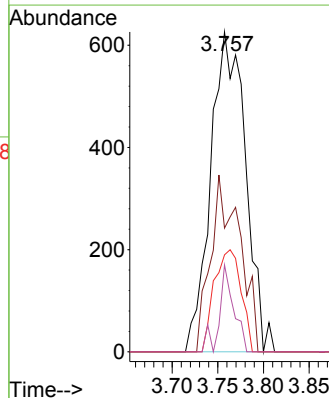
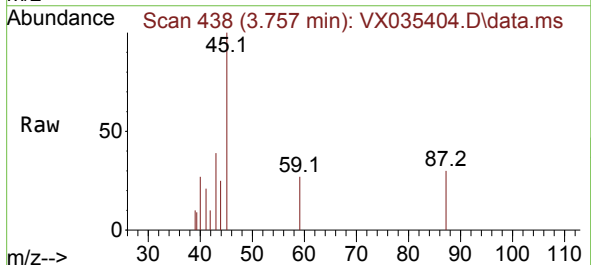
Instrument :
MSVOA_X
ClientSampleId :
PZ-02

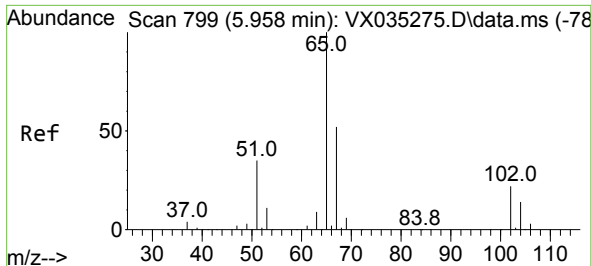
Tgt Ion: 76 Resp: 1185
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#22
Diisopropyl ether
Concen: 0.206 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX035404.D
Acq: 28 Apr 2023 20:21

Tgt Ion: 45 Resp: 1659
Ion Ratio Lower Upper
45 100
43 38.7 65.4 98.2#
87 30.4 20.6 31.0
59 27.2 9.0 13.6#





#33

1,2-Dichloroethane-d4

Concen: 49.413 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX035404.D

Acq: 28 Apr 2023 20:21

Instrument :

MSVOA_X

ClientSampleId :

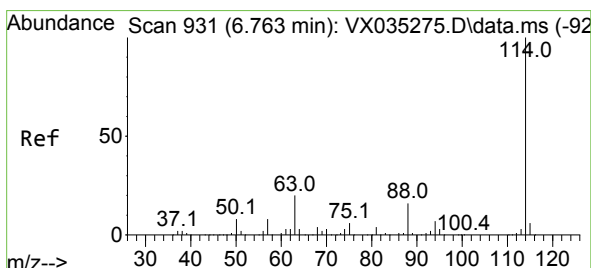
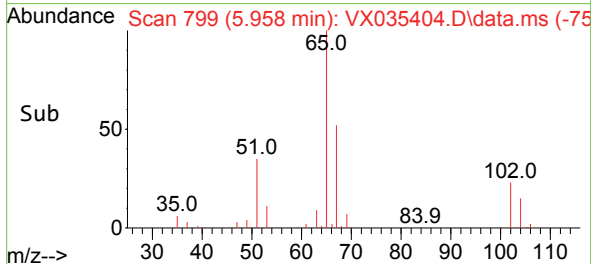
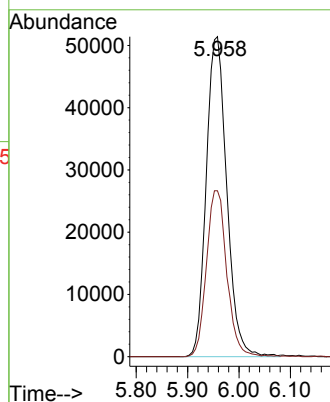
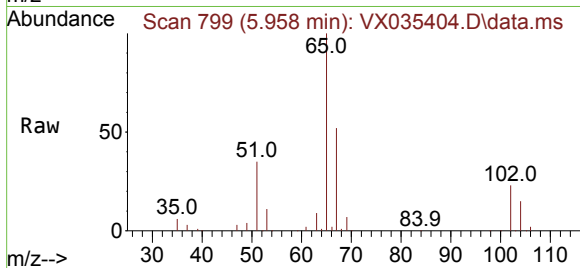
PZ-02

Tgt Ion: 65 Resp: 142132

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# 931

Delta R.T. -0.000 min

Lab File: VX035404.D

Acq: 28 Apr 2023 20:21

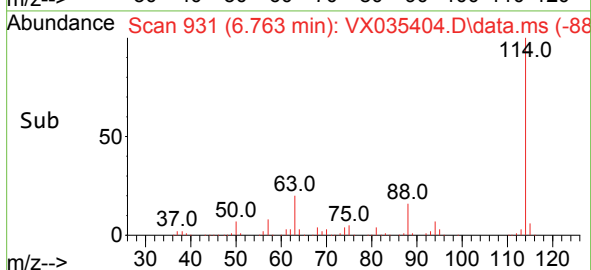
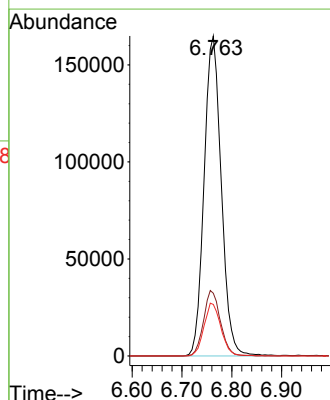
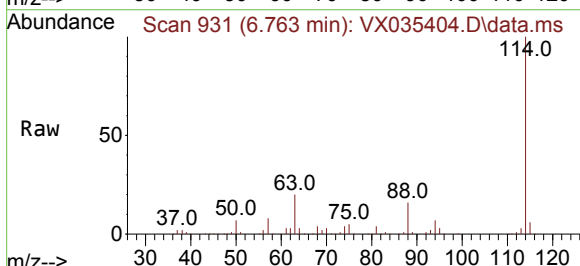
Tgt Ion: 114 Resp: 394894

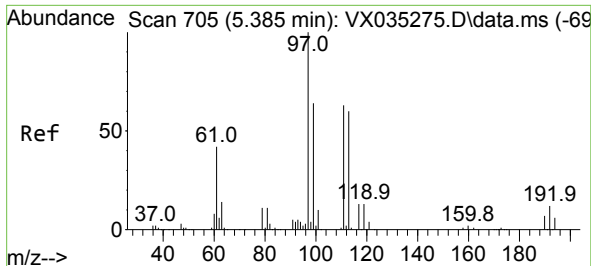
Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.2

88 16.1 0.0 33.2

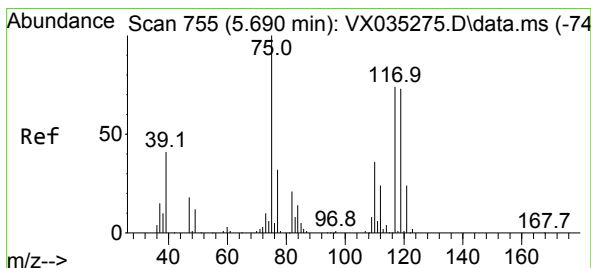
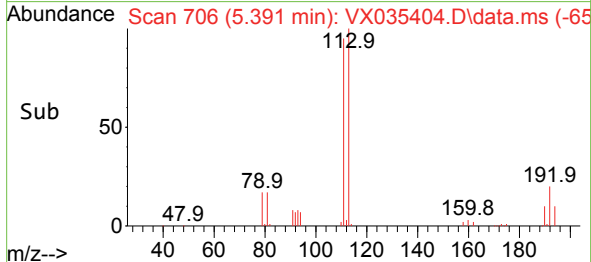
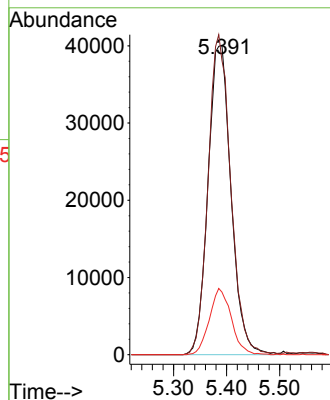
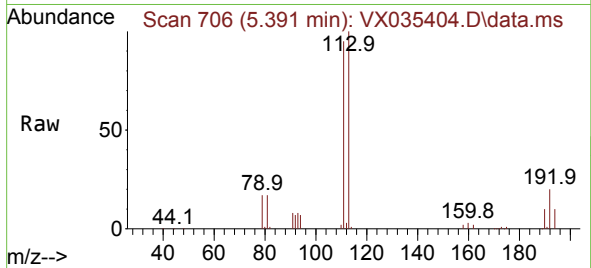




#35
Dibromofluoromethane
Concen: 49.872 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX035404.D
Acq: 28 Apr 2023 20:21

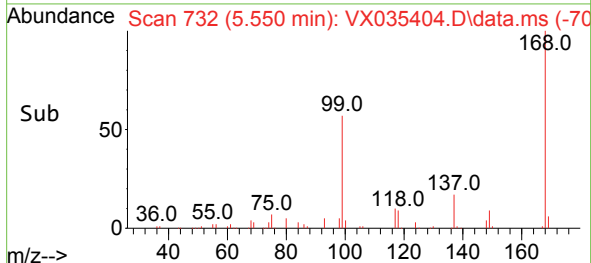
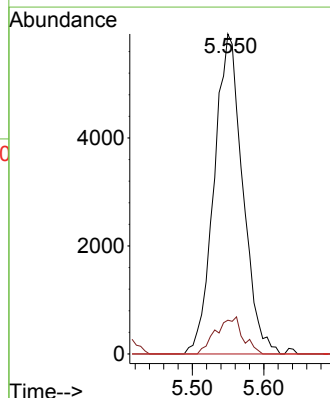
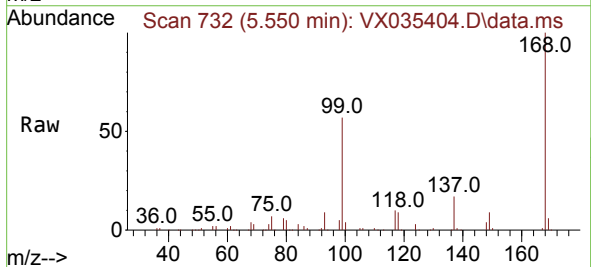
Instrument :
MSVOA_X
ClientSampleId :
PZ-02

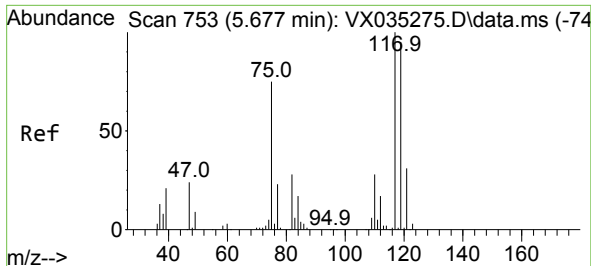
Tgt Ion:113 Resp: 120877
Ion Ratio Lower Upper
113 100
111 101.3 83.7 125.5
192 20.4 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.346 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX035404.D
Acq: 28 Apr 2023 20:21

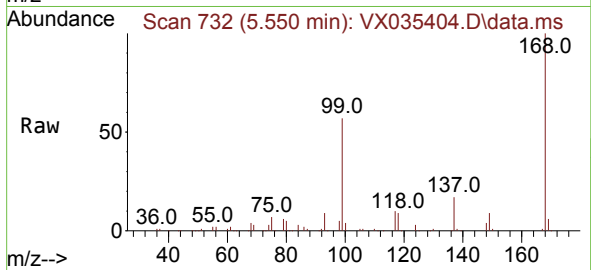
Tgt Ion: 75 Resp: 16446
Ion Ratio Lower Upper
75 100
110 10.9 17.5 52.5#
77 0.0 24.3 36.5#



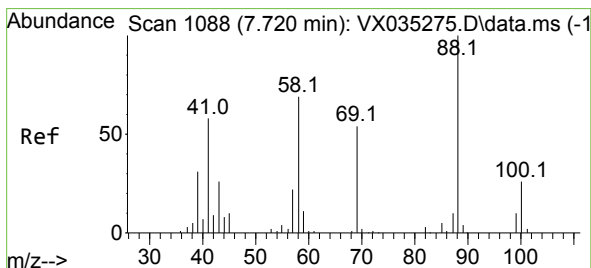
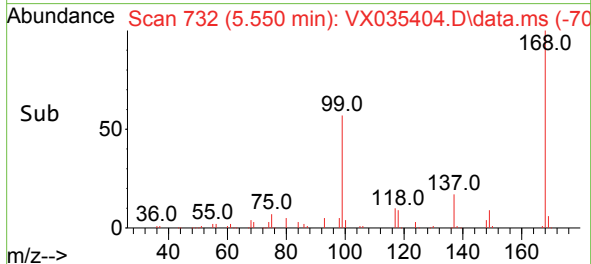
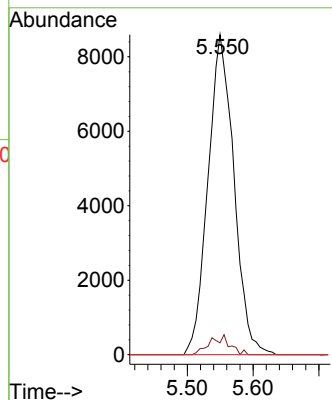


#38
Carbon Tetrachloride
Concen: 6.557 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.127 min
Lab File: VX035404.D
Acq: 28 Apr 2023 20:21

Instrument :
MSVOA_X
ClientSampleId :
PZ-02

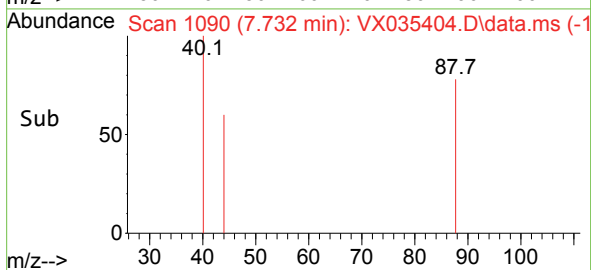
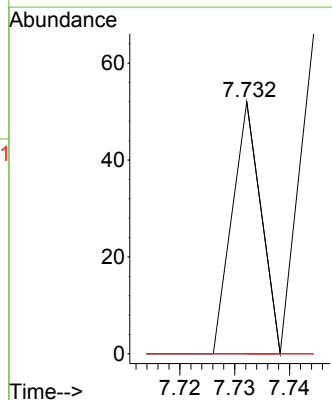
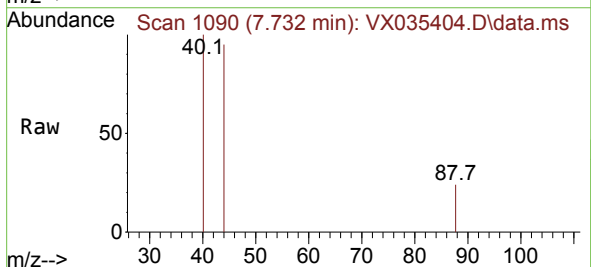


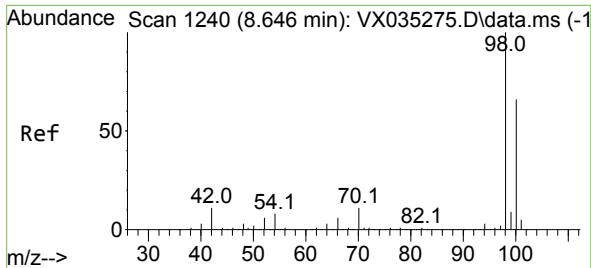
Tgt Ion:117 Resp: 23559
Ion Ratio Lower Upper
117 100
119 3.7 76.6 114.8#
121 0.0 23.8 35.6#



#49
1,4-Dioxane
Concen: 0.274 ug/l
RT: 7.732 min Scan# 1090
Delta R.T. 0.012 min
Lab File: VX035404.D
Acq: 28 Apr 2023 20:21

Tgt Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 0.0 27.7 41.5#
58 0.0 56.8 85.2#

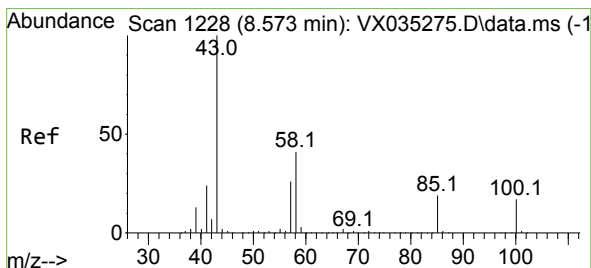
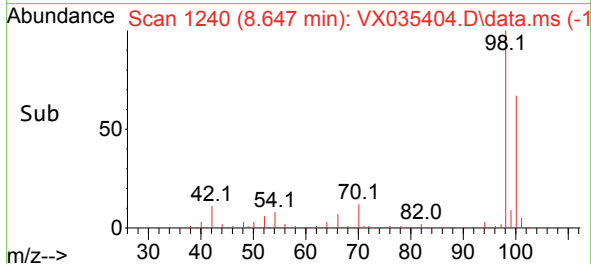
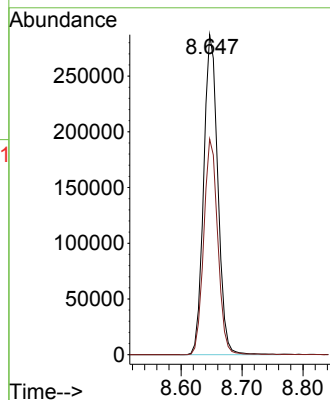
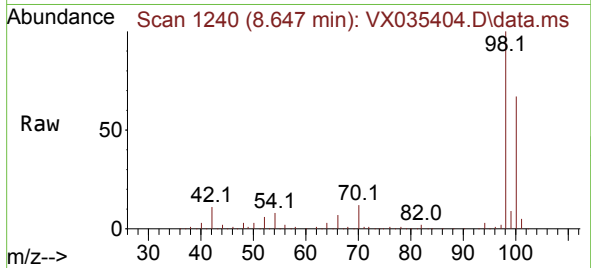




#50
Toluene-d8
Concen: 50.732 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX035404.D
Acq: 28 Apr 2023 20:21

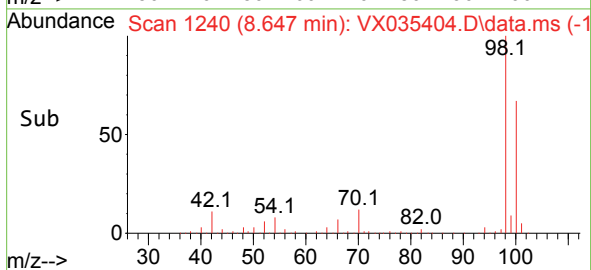
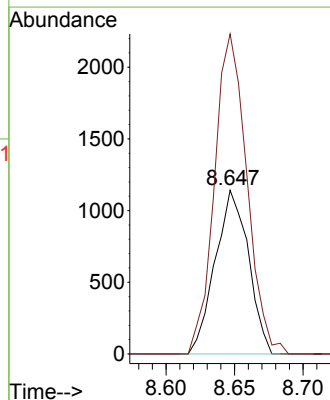
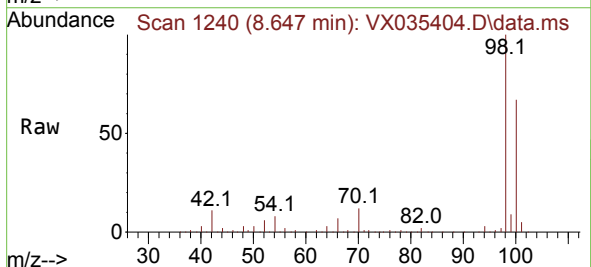
Instrument :
MSVOA_X
ClientSampleId :
PZ-02

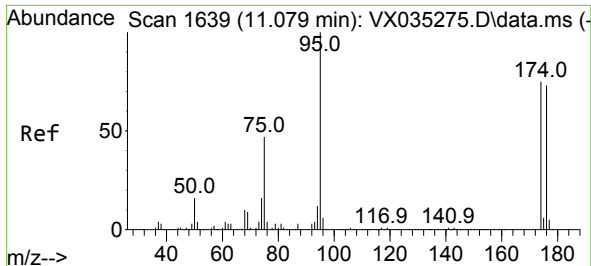
Tgt Ion: 98 Resp: 463850
Ion Ratio Lower Upper
98 100
100 66.7 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.540 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.074 min
Lab File: VX035404.D
Acq: 28 Apr 2023 20:21

Tgt Ion: 43 Resp: 1928
Ion Ratio Lower Upper
43 100
58 190.4 30.6 46.0#

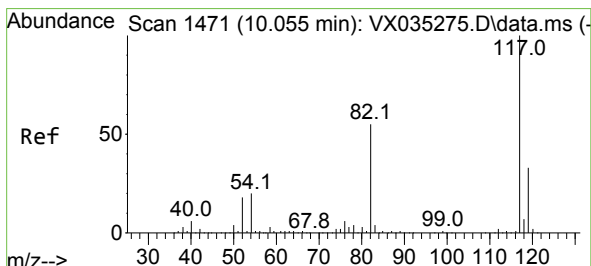
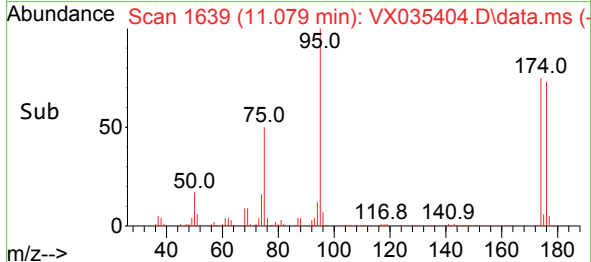
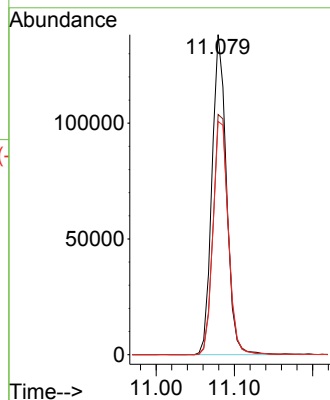
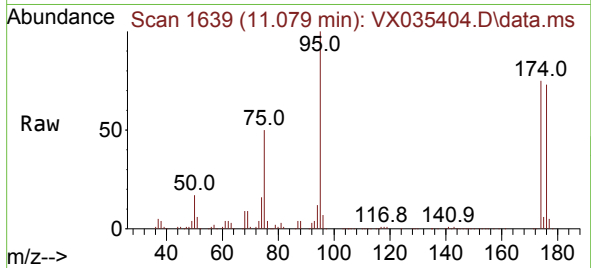




#62
4-Bromofluorobenzene
Concen: 51.574 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX035404.D
Acq: 28 Apr 2023 20:21

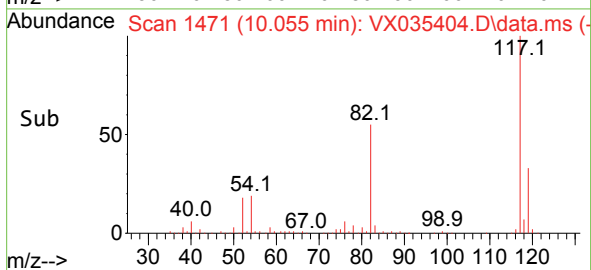
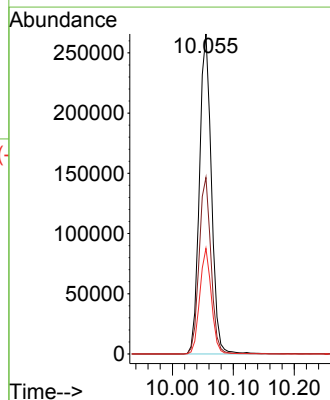
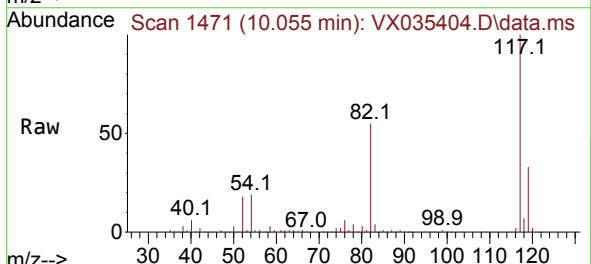
Instrument :
MSVOA_X
ClientSampleId :
PZ-02

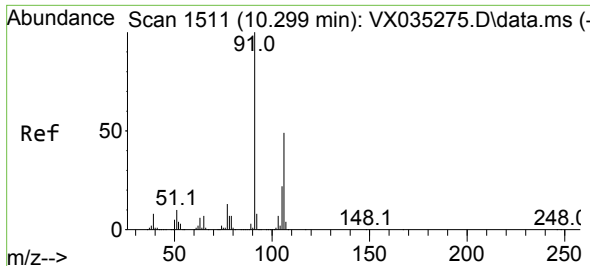
Tgt Ion: 95 Resp: 177388
Ion Ratio Lower Upper
95 100
174 78.1 0.0 147.4
176 77.2 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035404.D
Acq: 28 Apr 2023 20:21

Tgt Ion: 117 Resp: 363087
Ion Ratio Lower Upper
117 100
82 55.1 45.0 67.4
119 33.0 26.0 39.0

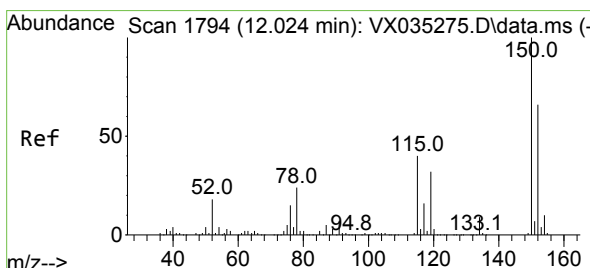
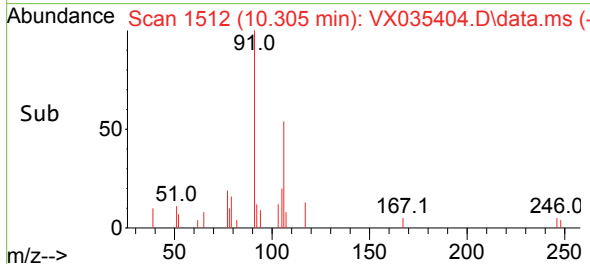
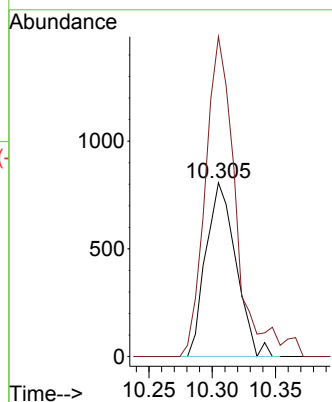
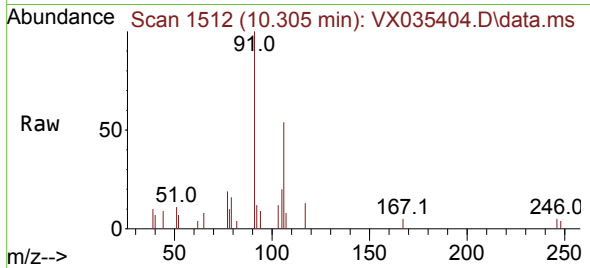




#68
m/p-Xylenes
Concen: 0.256 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX035404.D
Acq: 28 Apr 2023 20:21

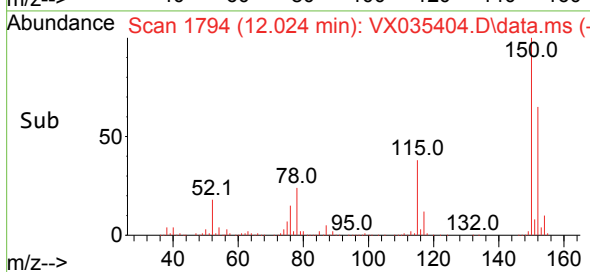
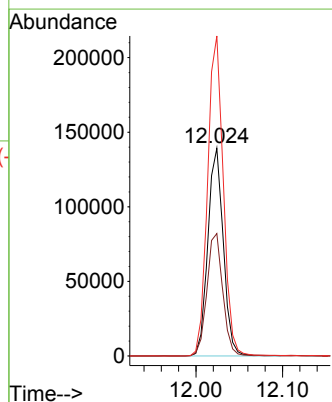
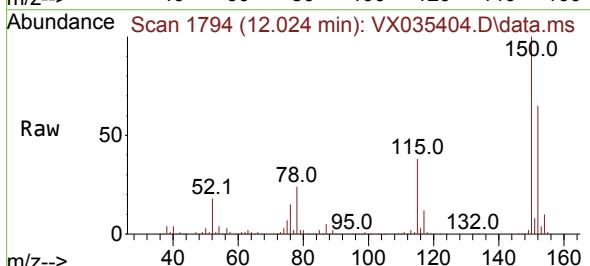
Instrument :
MSVOA_X
ClientSampleId :
PZ-02

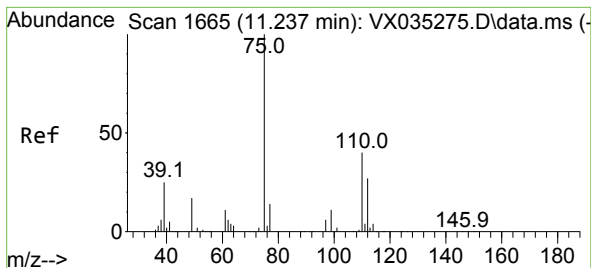
Tgt Ion:106 Resp: 1333
Ion Ratio Lower Upper
106 100
91 187.6 164.0 246.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035404.D
Acq: 28 Apr 2023 20:21

Tgt Ion:152 Resp: 173207
Ion Ratio Lower Upper
152 100
115 60.2 45.0 135.0
150 156.1 0.0 352.4

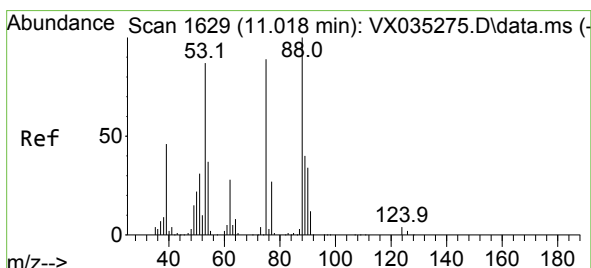
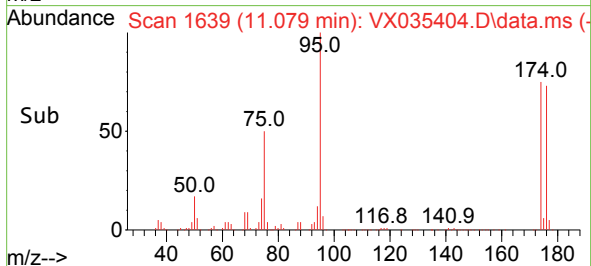
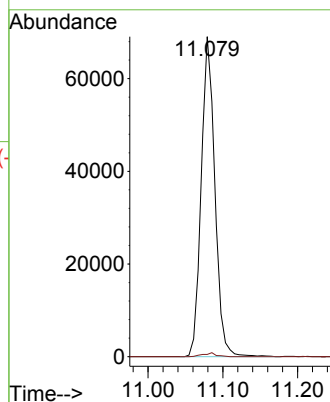
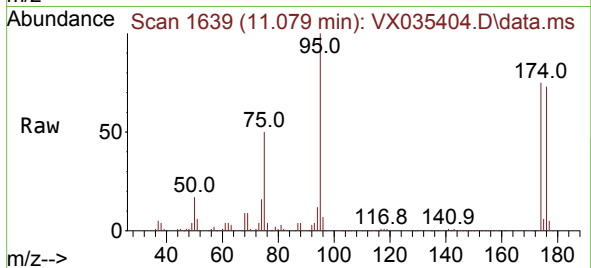




#76
1,2,3-Trichloropropane
Concen: 25.344 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX035404.D
Acq: 28 Apr 2023 20:21

Instrument :
MSVOA_X
ClientSampleId :
PZ-02

Tgt Ion: 75 Resp: 87567
Ion Ratio Lower Upper
75 100
77 1.2 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.086 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035404.D
Acq: 28 Apr 2023 20:21

Tgt Ion: 75 Resp: 87567
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

