

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042723\
 Data File : VX035340.D
 Acq On : 27 Apr 2023 14:48
 Operator : JC/MD
 Sample : 02492-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01

Quant Time: Apr 28 05:05:56 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)

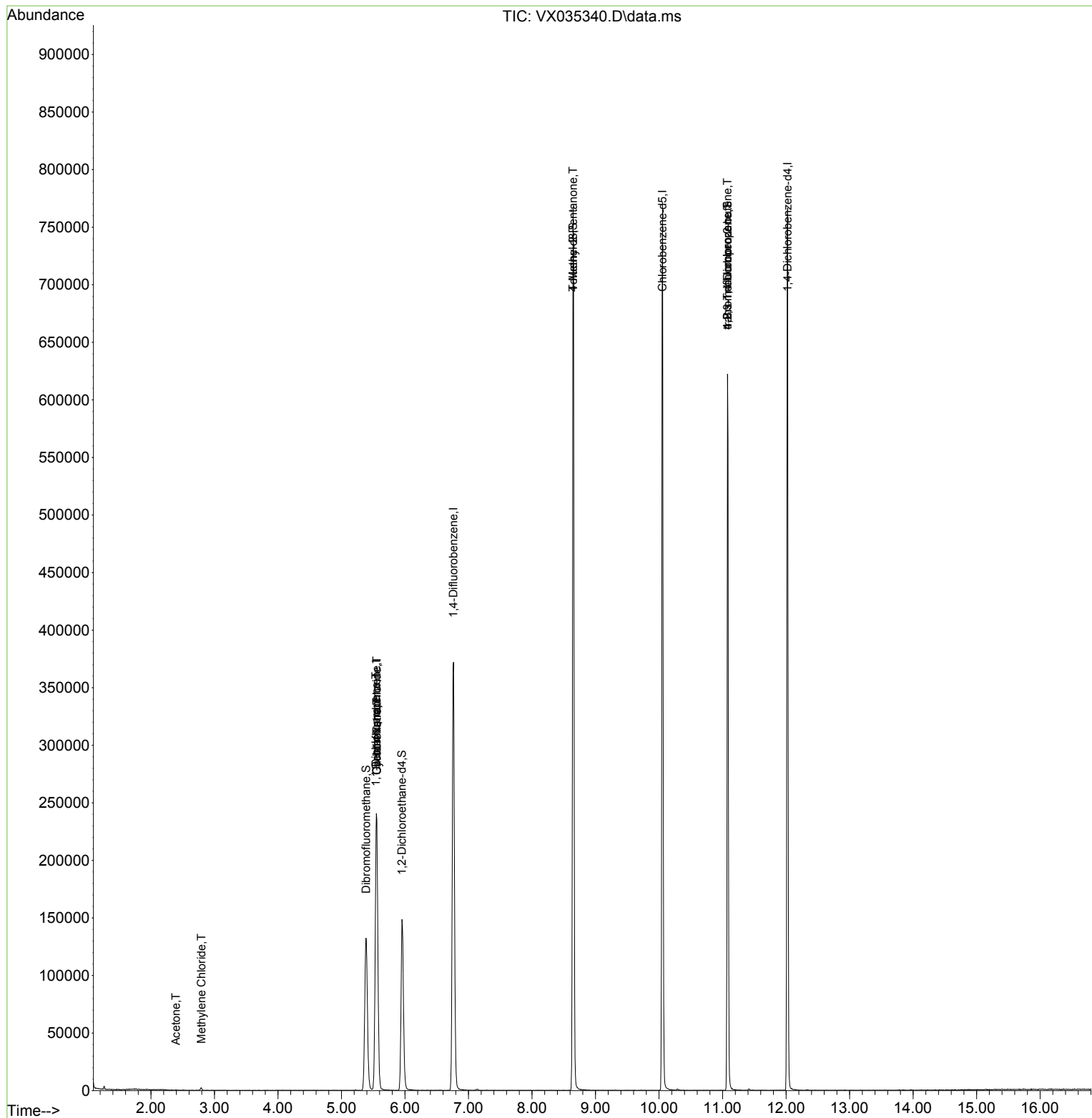
Internal Standards						
1) Pentafluorobenzene	5.550	168	239127	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	390375	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	356885	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	169274	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	142461	49.381	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.760%
35) Dibromofluoromethane	5.385	113	120116	50.132	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.260%
50) Toluene-d8	8.647	98	462121	51.128	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.260%
62) 4-Bromofluorobenzene	11.079	95	175449	51.601	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.200%
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	409	0.326	ug/l #	44
20) Methylene Chloride	2.794	84	1053	0.367	ug/l #	76
31) Cyclohexane	5.556	56	4349	1.063	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	17514	4.681	ug/l #	51
38) Carbon Tetrachloride	5.556	117	23719	6.678	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	2055	0.583	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	85042	25.185	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	85042	81.571	ug/l #	8

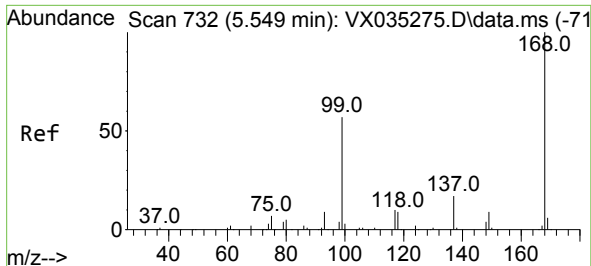
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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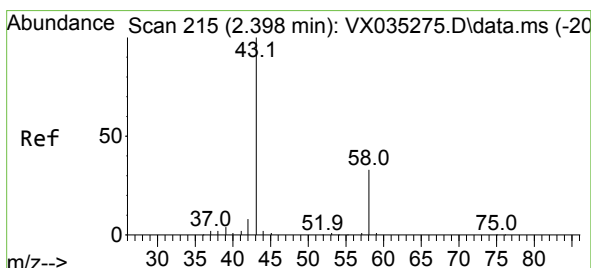
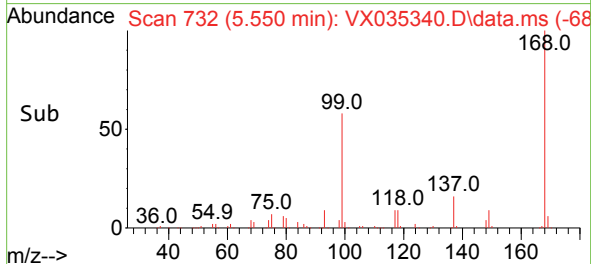
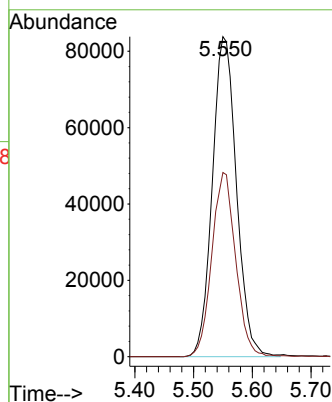
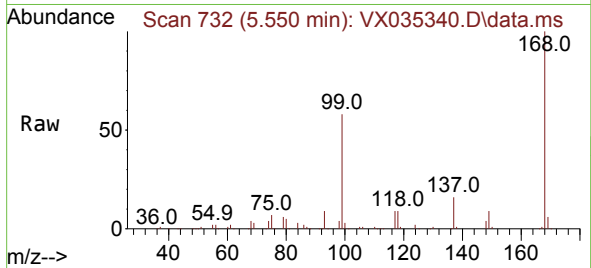




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035340.D
Acq: 27 Apr 2023 14:48

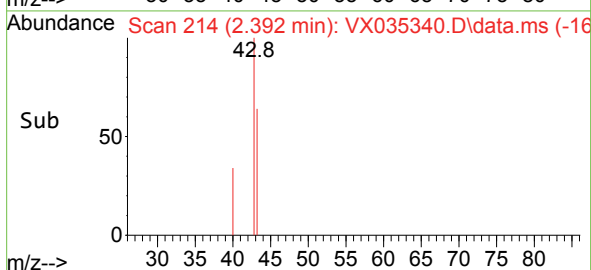
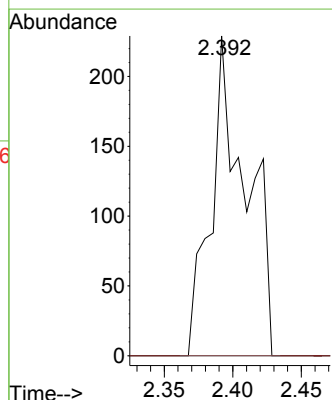
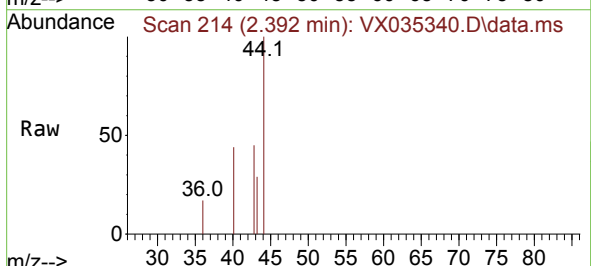
Instrument :
MSVOA_X
ClientSampleId :
TB-01

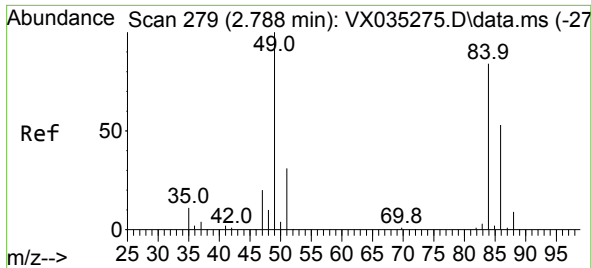
Tgt Ion:168 Resp: 239127
Ion Ratio Lower Upper
168 100
99 57.5 45.7 68.5



#16
Acetone
Concen: 0.326 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX035340.D
Acq: 27 Apr 2023 14:48

Tgt Ion: 43 Resp: 409
Ion Ratio Lower Upper
43 100
58 0.0 24.7 37.1#





#20

Methylene Chloride

Concen: 0.367 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX035340.D

Acq: 27 Apr 2023 14:48

Instrument :

MSVOA_X

ClientSampleId :

TB-01

Tgt Ion: 84 Resp: 1053

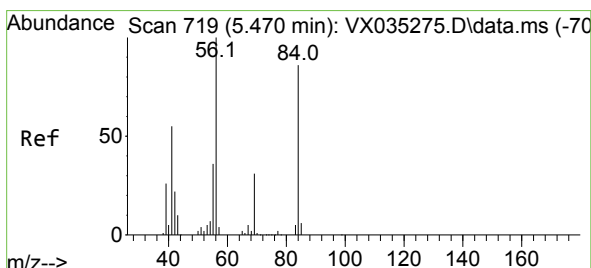
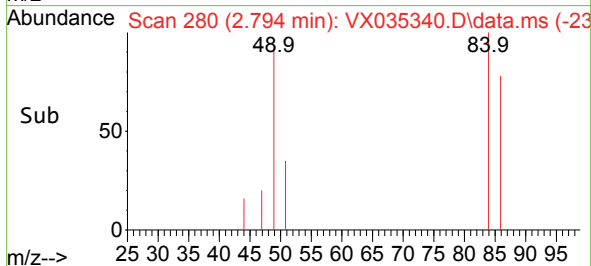
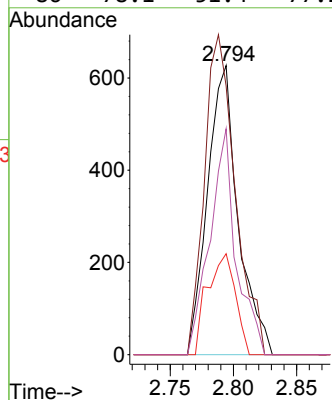
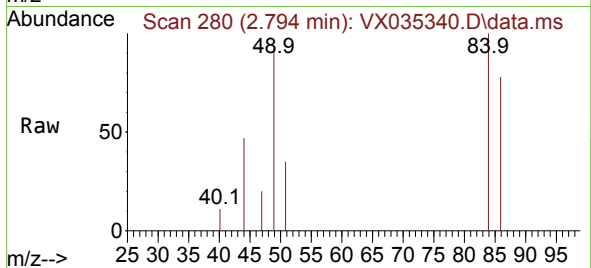
Ion Ratio Lower Upper

84 100

49 93.0 103.8 155.8#

51 34.9 31.8 47.8

86 78.1 51.4 77.2#



#31

Cyclohexane

Concen: 1.063 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.086 min

Lab File: VX035340.D

Acq: 27 Apr 2023 14:48

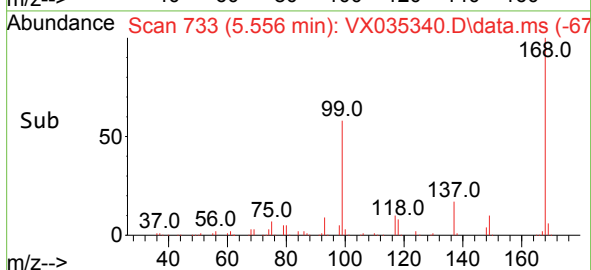
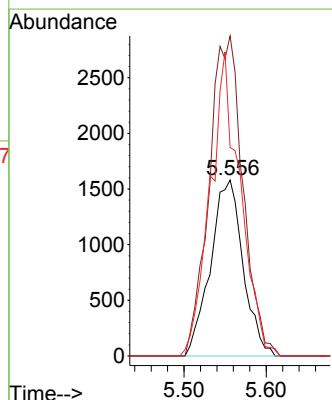
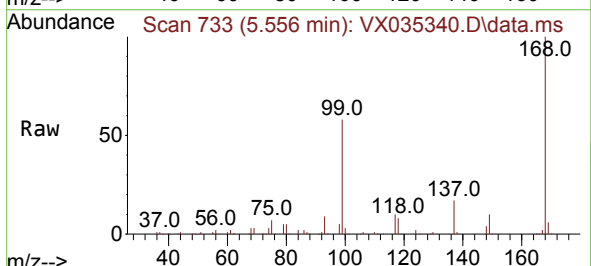
Tgt Ion: 56 Resp: 4349

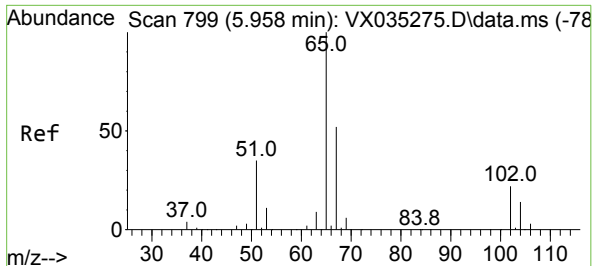
Ion Ratio Lower Upper

56 100

69 182.0 23.7 35.5#

84 118.5 68.5 102.7#





#33

1,2-Dichloroethane-d4

Concen: 49.381 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX035340.D

Acq: 27 Apr 2023 14:48

Instrument :

MSVOA_X

ClientSampleId :

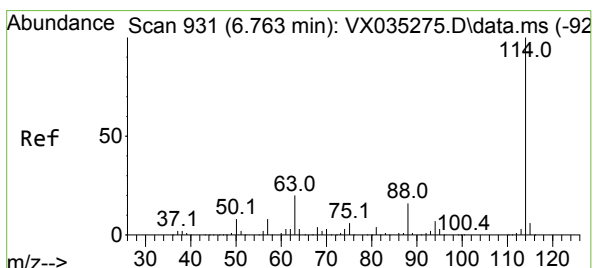
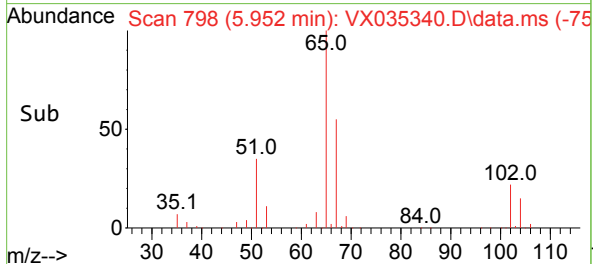
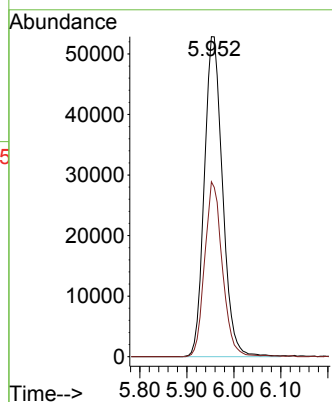
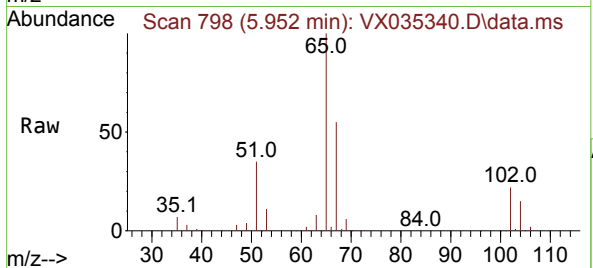
TB-01

Tgt Ion: 65 Resp: 142461

Ion Ratio Lower Upper

65 100

67 52.8 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: VX035340.D

Acq: 27 Apr 2023 14:48

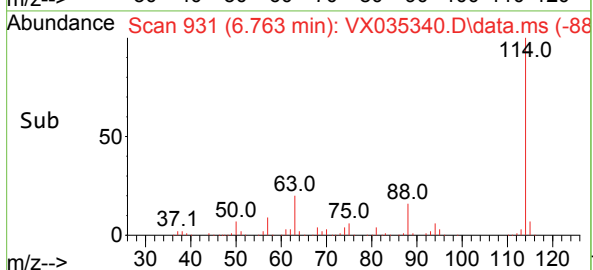
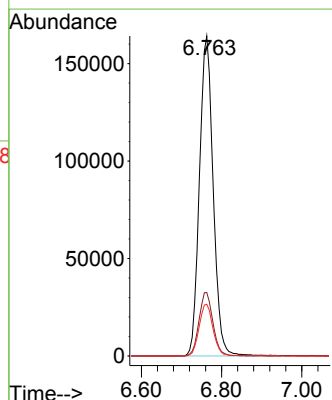
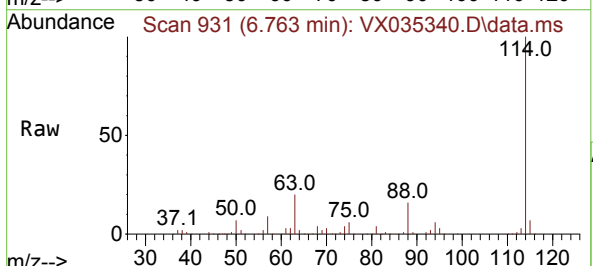
Tgt Ion: 114 Resp: 390375

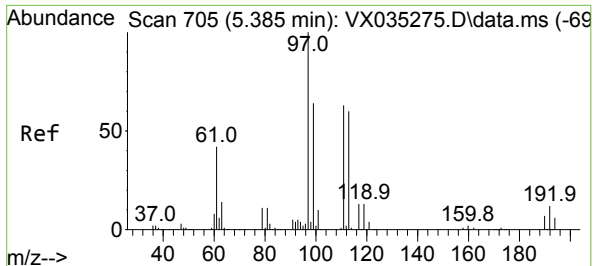
Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.2

88 16.2 0.0 33.2

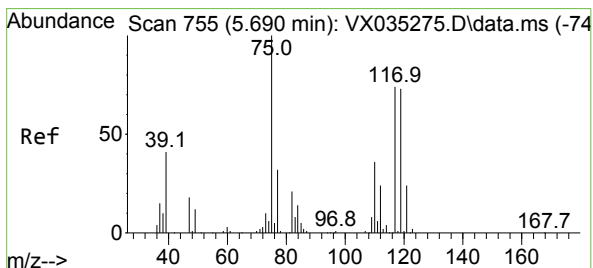
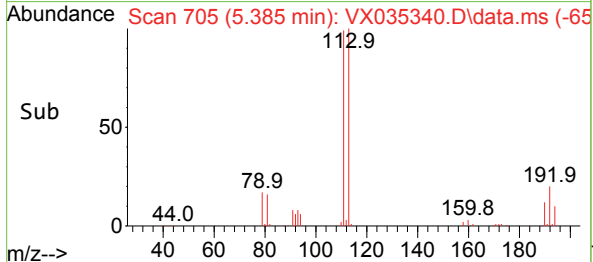
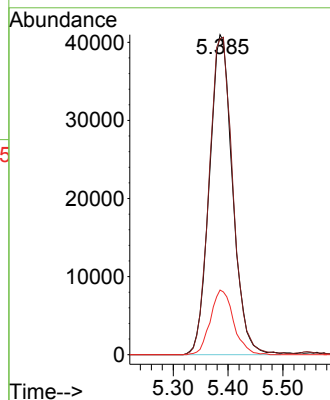
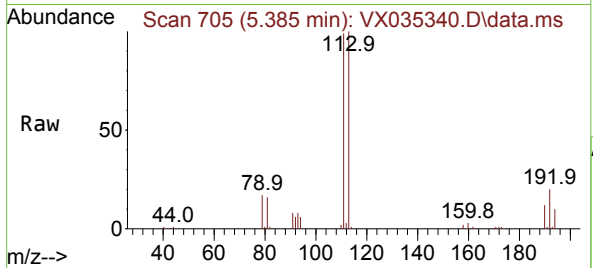




#35
Dibromofluoromethane
Concen: 50.132 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035340.D
Acq: 27 Apr 2023 14:48

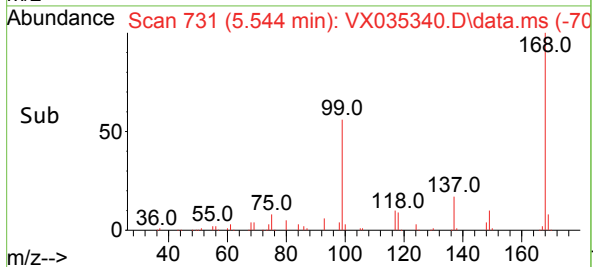
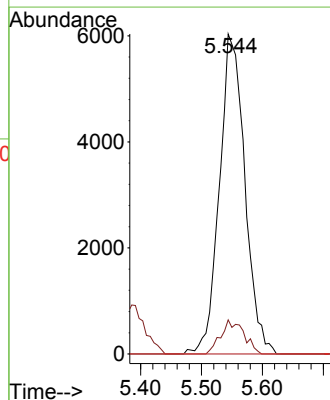
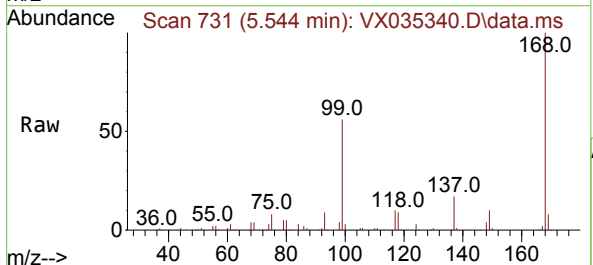
Instrument :
MSVOA_X
ClientSampleId :
TB-01

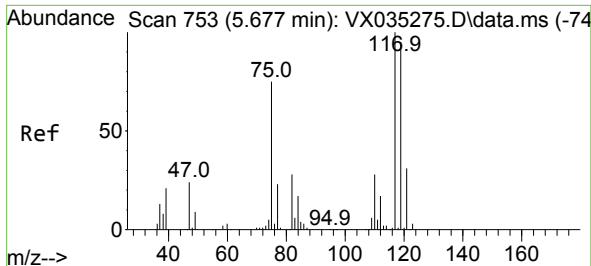
Tgt Ion:113 Resp: 120116
Ion Ratio Lower Upper
113 100
111 101.6 83.7 125.5
192 20.2 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.681 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX035340.D
Acq: 27 Apr 2023 14:48

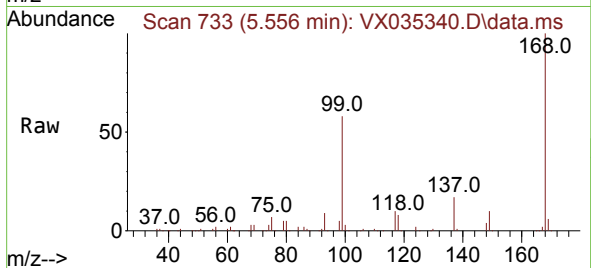
Tgt Ion: 75 Resp: 17514
Ion Ratio Lower Upper
75 100
110 9.6 17.5 52.5#
77 0.0 24.3 36.5#



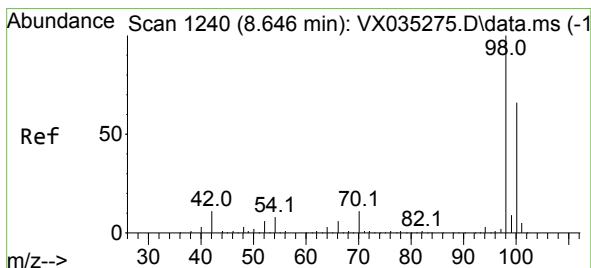
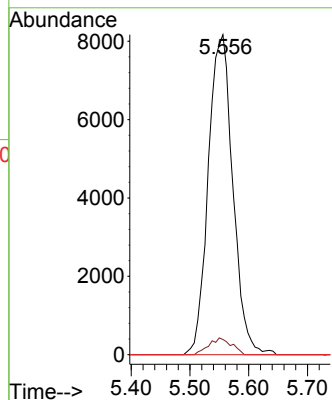
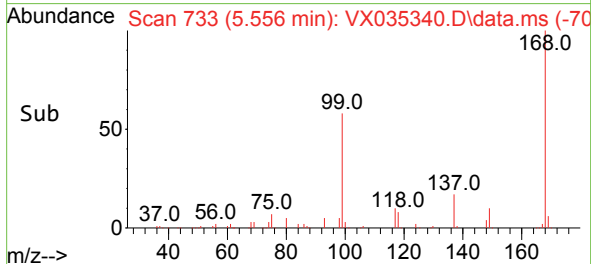


#38
Carbon Tetrachloride
Concen: 6.678 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.121 min
Lab File: VX035340.D
Acq: 27 Apr 2023 14:48

Instrument :
MSVOA_X
ClientSampleId :
TB-01

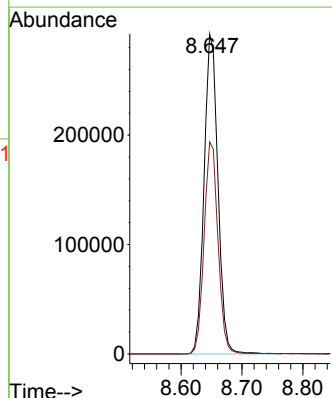
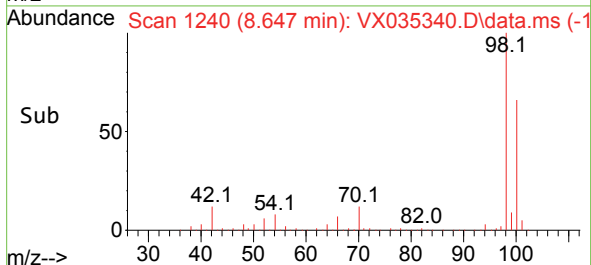
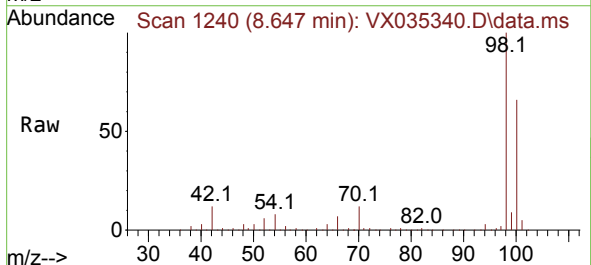


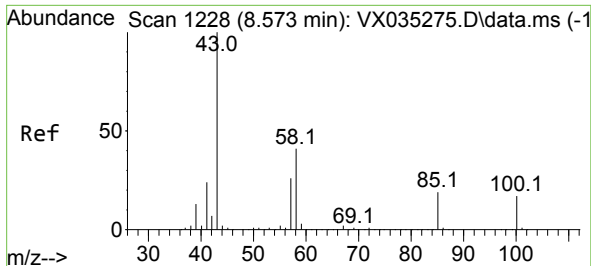
Tgt Ion:117 Resp: 23719
Ion Ratio Lower Upper
117 100
119 4.8 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 51.128 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX035340.D
Acq: 27 Apr 2023 14:48

Tgt Ion: 98 Resp: 462121
Ion Ratio Lower Upper
98 100
100 66.5 52.5 78.7

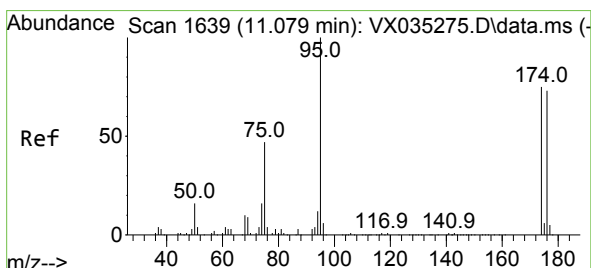
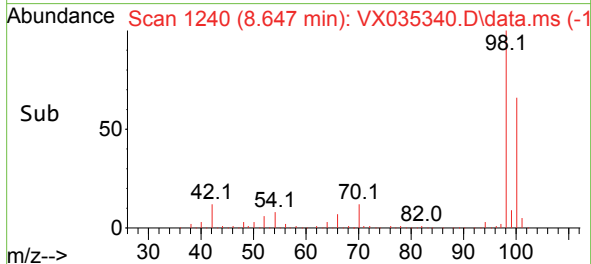
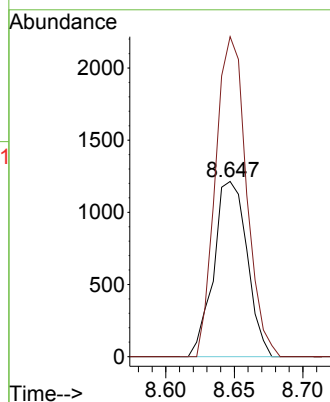
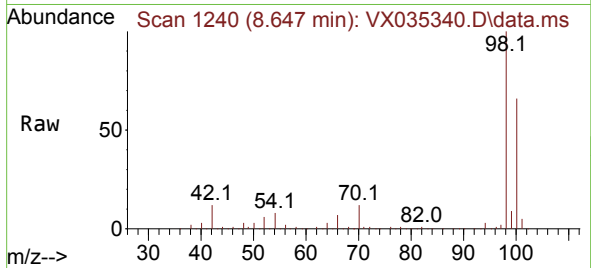




#51
4-Methyl-2-Pentanone
Concen: 0.583 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.074 min
Lab File: VX035340.D
Acq: 27 Apr 2023 14:48

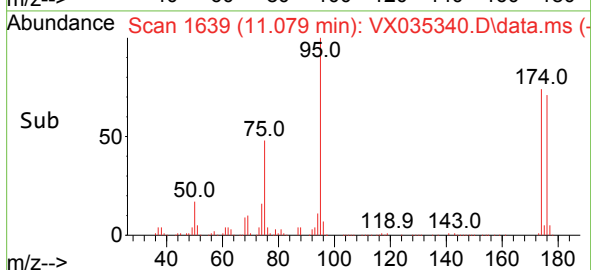
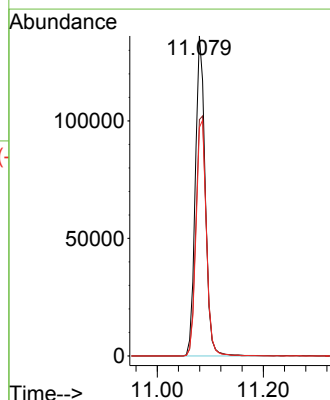
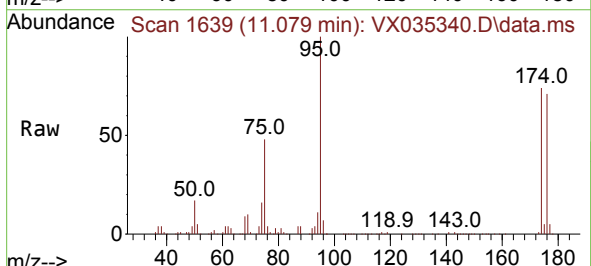
Instrument :
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ClientSampleId :
TB-01

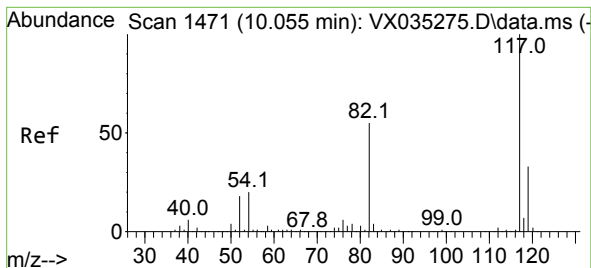
Tgt Ion: 43 Resp: 2055
Ion Ratio Lower Upper
43 100
58 169.4 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 51.601 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035340.D
Acq: 27 Apr 2023 14:48

Tgt Ion: 95 Resp: 175449
Ion Ratio Lower Upper
95 100
174 79.4 0.0 147.4
176 76.9 0.0 140.6

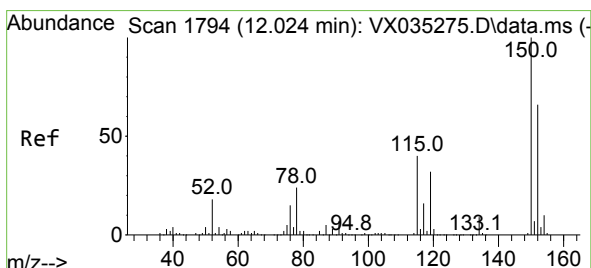
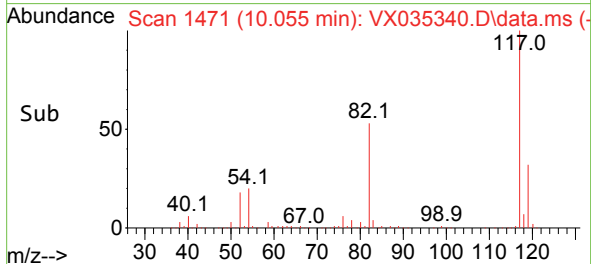
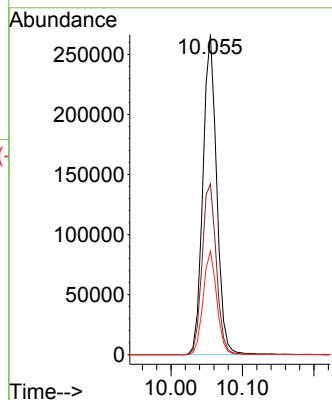
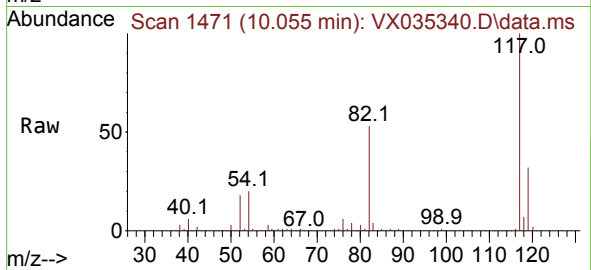




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035340.D
Acq: 27 Apr 2023 14:48

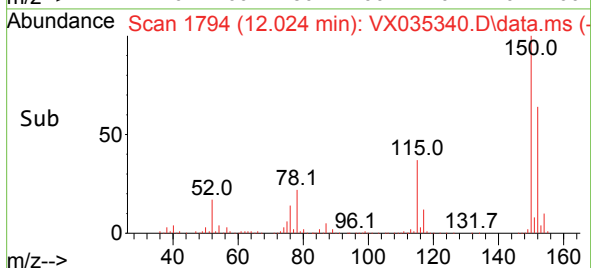
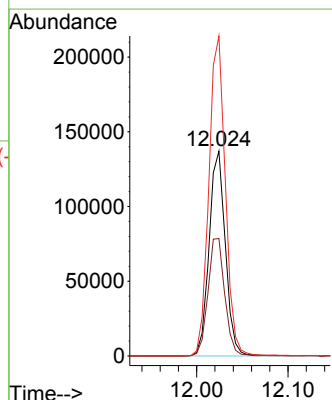
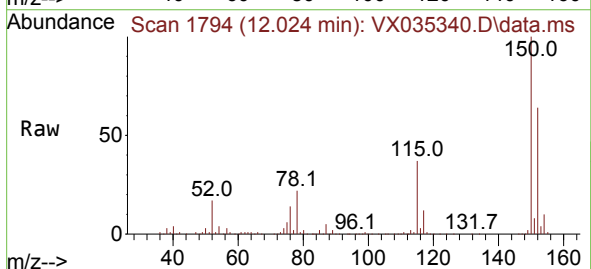
Instrument :
MSVOA_X
ClientSampleId :
TB-01

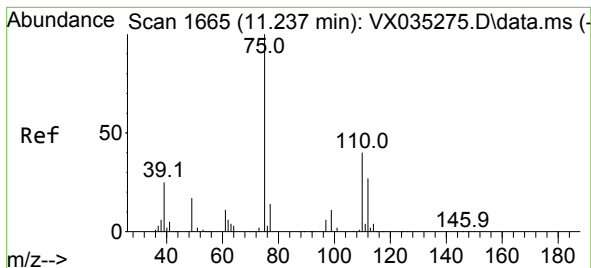
Tgt Ion:117 Resp: 356885
Ion Ratio Lower Upper
117 100
82 53.4 45.0 67.4
119 32.4 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035340.D
Acq: 27 Apr 2023 14:48

Tgt Ion:152 Resp: 169274
Ion Ratio Lower Upper
152 100
115 59.4 45.0 135.0
150 158.3 0.0 352.4





#76

1,2,3-Trichloropropane

Concen: 25.185 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX035340.D

Acq: 27 Apr 2023 14:48

Instrument :

MSVOA_X

ClientSampleId :

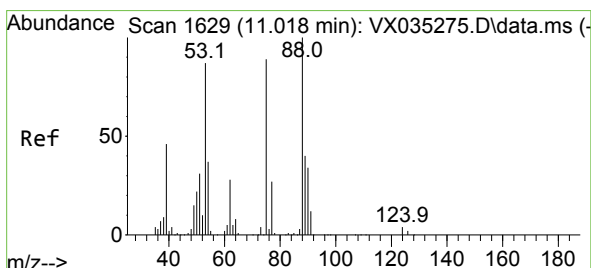
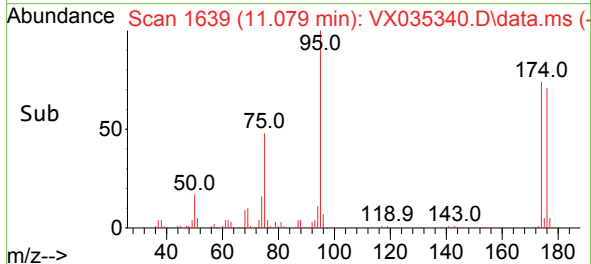
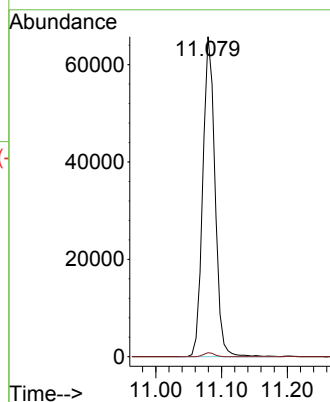
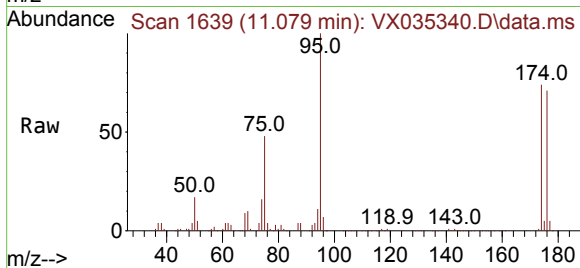
TB-01

Tgt Ion: 75 Resp: 85042

Ion Ratio Lower Upper

75 100

77 1.1 21.6 64.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 81.571 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX035340.D

Acq: 27 Apr 2023 14:48

Tgt Ion: 75 Resp: 85042

Ion Ratio Lower Upper

75 100

53 0.0 82.6 124.0#

89 0.0 36.9 55.3#

