

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062723\
 Data File : VX036353.D
 Acq On : 27 Jun 2023 16:23
 Operator : JC/MD
 Sample : 03289-12RE
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-05-0-2.0

Quant Time: Jun 28 04:22:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

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

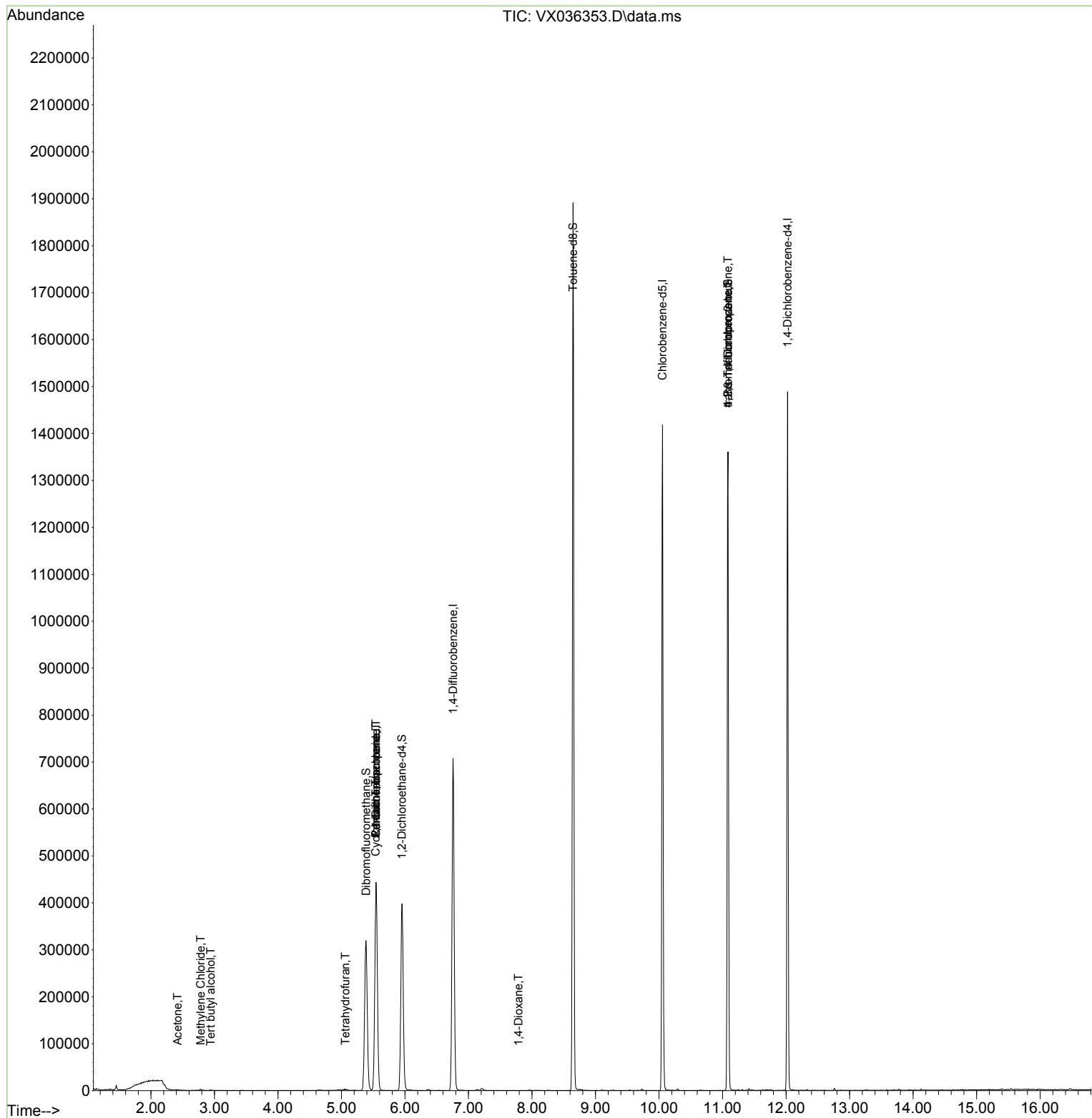
Internal Standards						
1) Pentafluorobenzene	5.544	168	416238	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	713791	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	641718	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	310253	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	384925	64.515	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 129.020%#			
35) Dibromofluoromethane	5.385	113	280743	59.650	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 119.300%			
50) Toluene-d8	8.647	98	1092293	62.137	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 124.280%#			
62) 4-Bromofluorobenzene	11.085	95	403430	65.155	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 130.300%#			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.941	59	778	0.716	ug/l #	78
16) Acetone	2.416	43	1257	0.493	ug/l #	88
20) Methylene Chloride	2.782	84	1292	0.235	ug/l #	84
29) Tetrahydrofuran	5.062	42	1367	0.586	ug/l #	76
31) Cyclohexane	5.538	56	9246	1.209	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	33020	4.707	ug/l #	51
38) Carbon Tetrachloride	5.544	117	41822	6.527	ug/l #	15
49) 1,4-Dioxane	7.787	88	44	0.349	ug/l #	12
76) 1,2,3-Trichloropropane	11.085	75	208732	31.541	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	208732	102.816	ug/l #	5

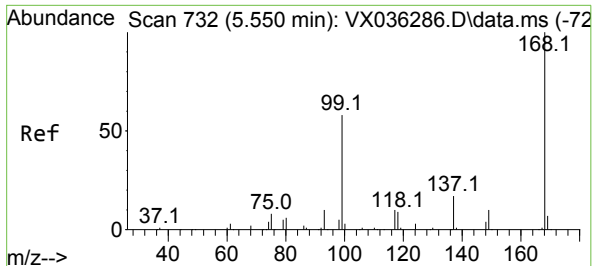
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062723\
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SB-05-0-2.0

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
Quant Title : SW846 8260
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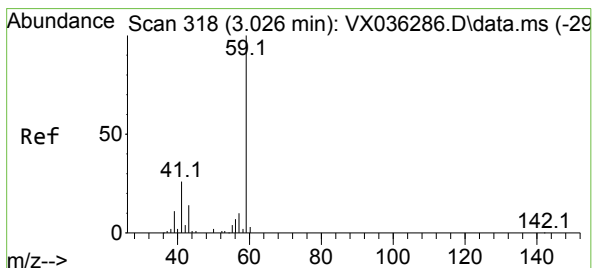
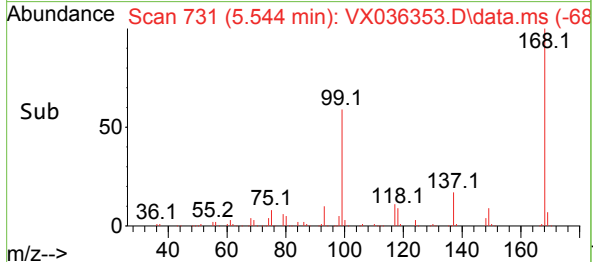
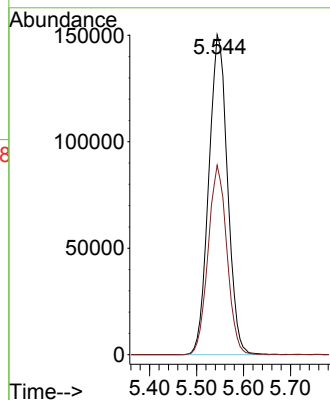
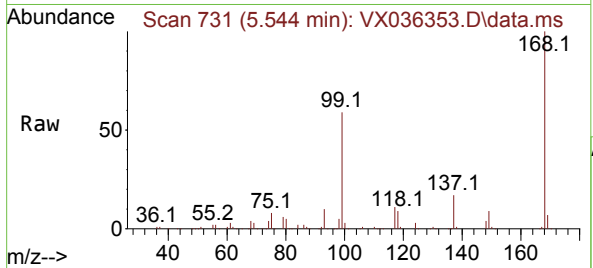




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.005 min
Lab File: VX036353.D
Acq: 27 Jun 2023 16:23

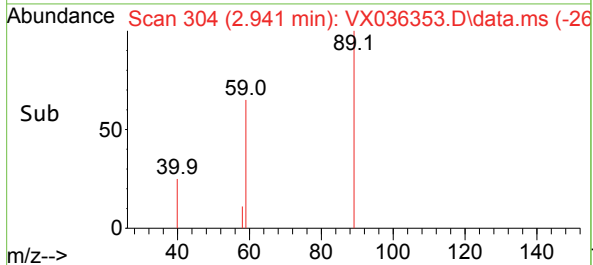
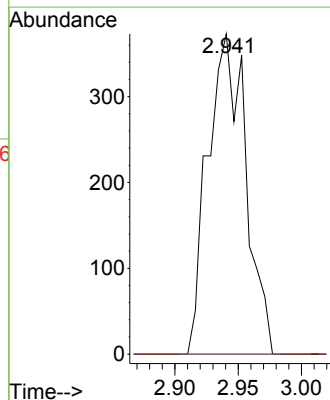
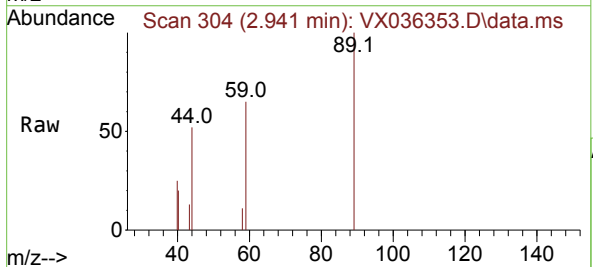
Instrument :
MSVOA_X
ClientSampleId :
SB-05-0-2.0

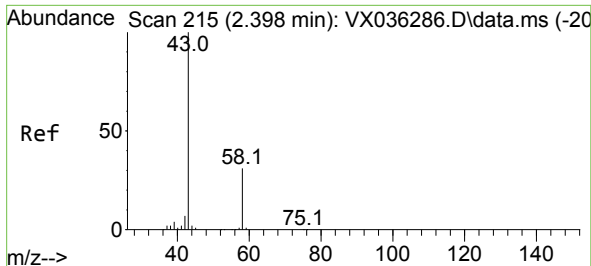
Tgt Ion:168 Resp: 416238
Ion Ratio Lower Upper
168 100
99 59.2 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.716 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.072 min
Lab File: VX036353.D
Acq: 27 Jun 2023 16:23

Tgt Ion: 59 Resp: 778
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

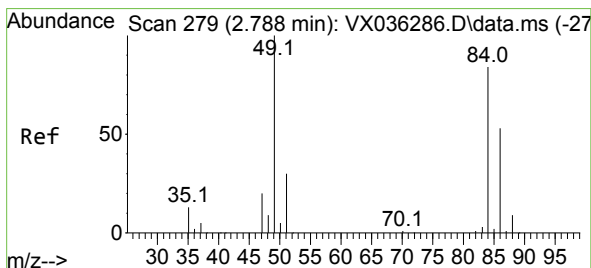
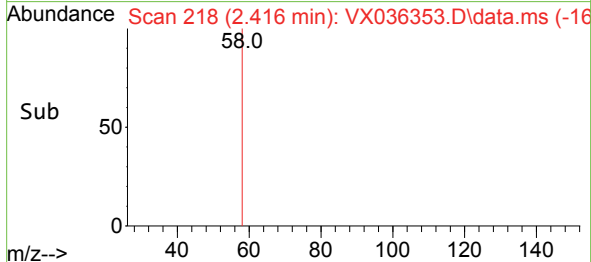
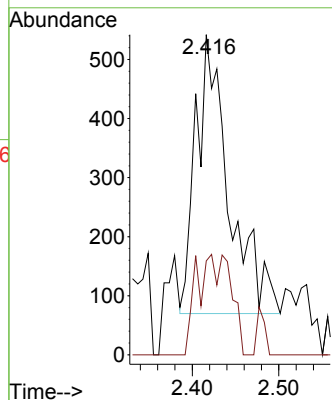
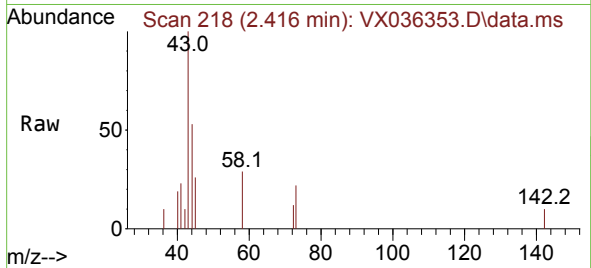




#16
Acetone
Concen: 0.493 ug/l
RT: 2.416 min Scan# 215
Delta R.T. 0.012 min
Lab File: VX036353.D
Acq: 27 Jun 2023 16:23

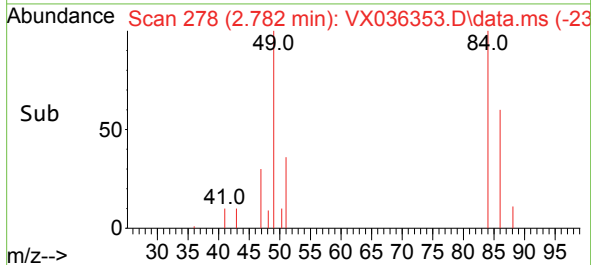
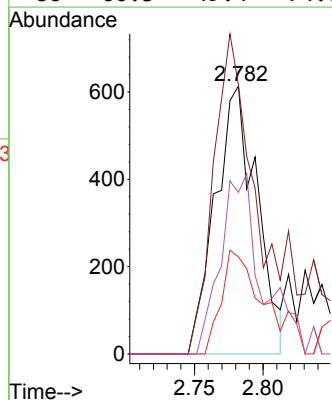
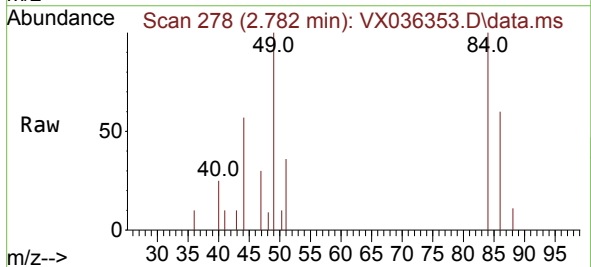
Instrument :
MSVOA_X
ClientSampleId :
SB-05-0-2.0

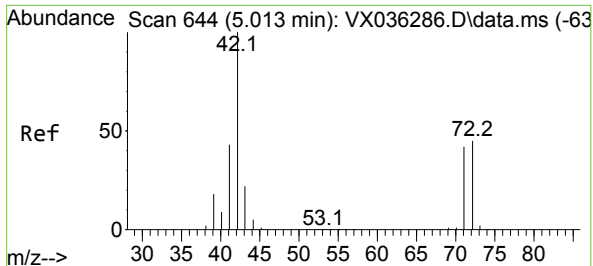
Tgt Ion: 43 Resp: 1257
Ion Ratio Lower Upper
43 100
58 33.7 21.9 32.9#



#20
Methylene Chloride
Concen: 0.235 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX036353.D
Acq: 27 Jun 2023 16:23

Tgt Ion: 84 Resp: 1292
Ion Ratio Lower Upper
84 100
49 100.3 103.6 155.4#
51 36.2 33.8 50.6
86 60.3 49.4 74.0





#29

Tetrahydrofuran

Concen: 0.586 ug/l

RT: 5.062 min Scan# 61

Delta R.T. 0.043 min

Lab File: VX036353.D

Acq: 27 Jun 2023 16:23

Instrument :

MSVOA_X

ClientSampleId :

SB-05-0-2.0

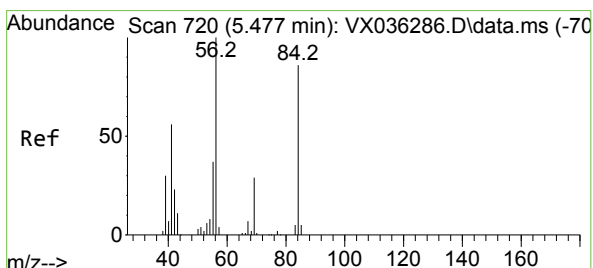
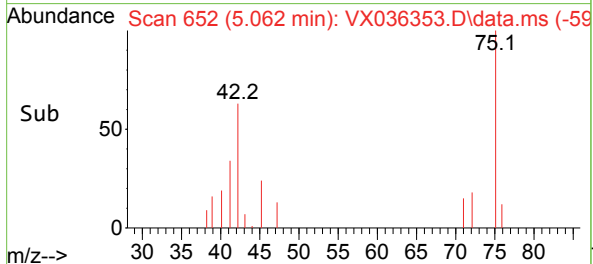
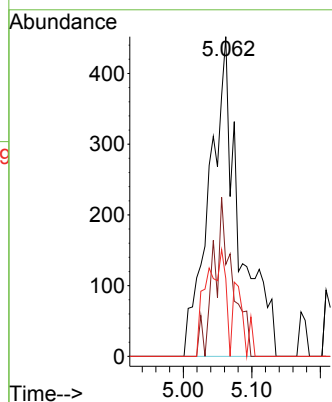
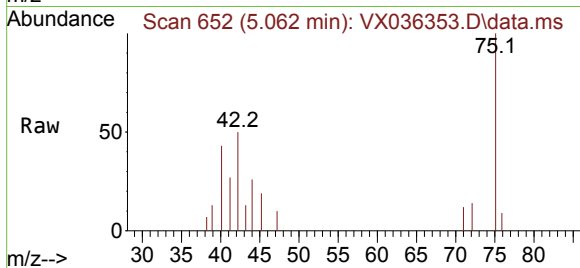
Tgt Ion: 42 Resp: 1367

Ion Ratio Lower Upper

42 100

72 31.0 34.2 51.4#

71 21.1 32.2 48.2#



#31

Cyclohexane

Concen: 1.209 ug/l

RT: 5.538 min Scan# 730

Delta R.T. 0.068 min

Lab File: VX036353.D

Acq: 27 Jun 2023 16:23

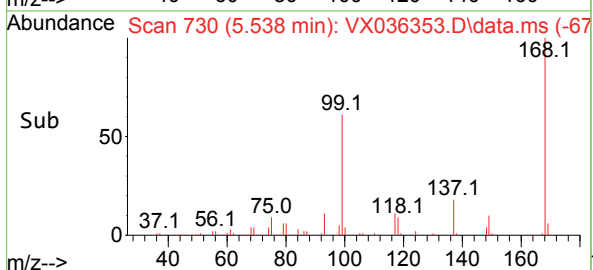
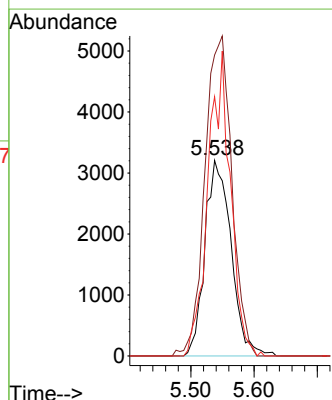
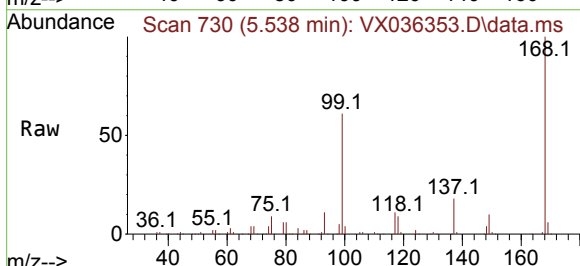
Tgt Ion: 56 Resp: 9246

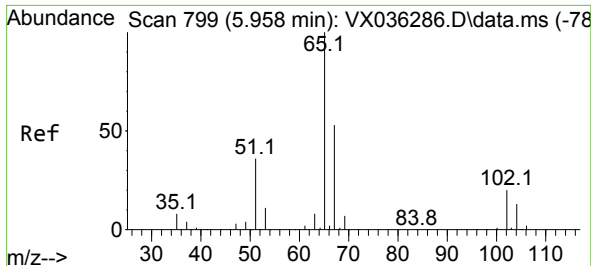
Ion Ratio Lower Upper

56 100

69 153.9 23.4 35.2#

84 132.5 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 64.515 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX036353.D

Acq: 27 Jun 2023 16:23

Instrument :

MSVOA_X

ClientSampleId :

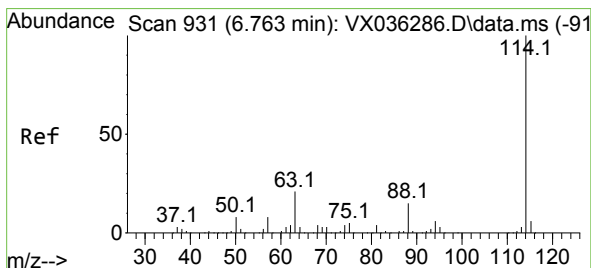
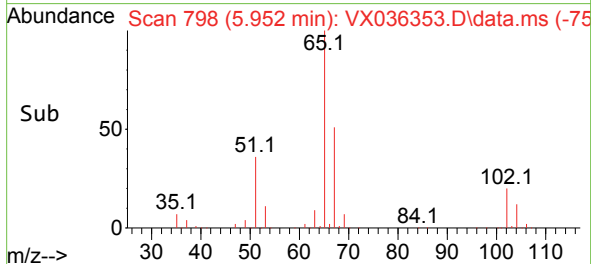
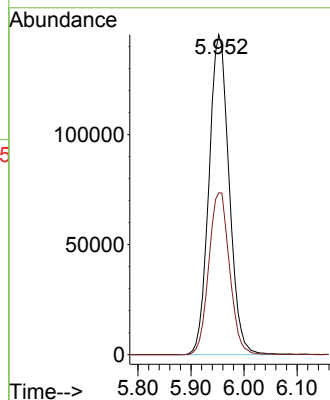
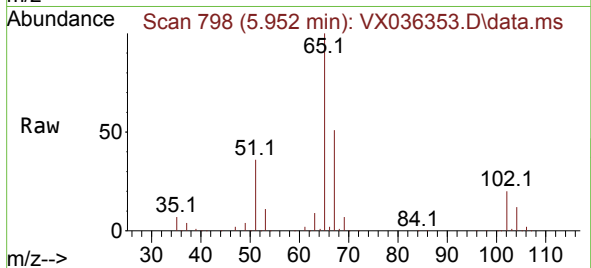
SB-05-0-2.0

Tgt Ion: 65 Resp: 384925

Ion Ratio Lower Upper

65 100

67 52.0 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX036353.D

Acq: 27 Jun 2023 16:23

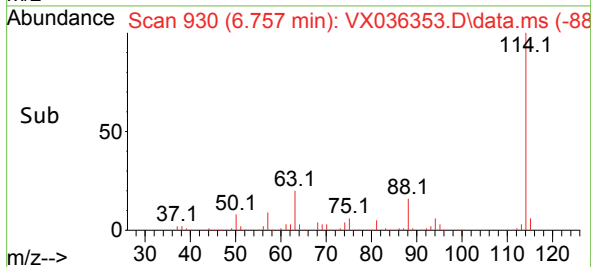
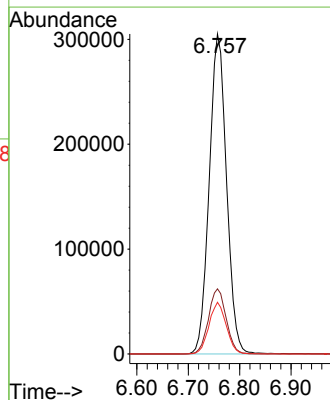
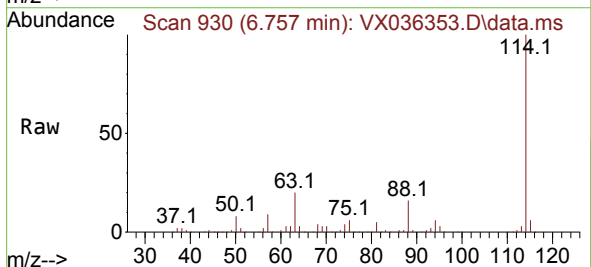
Tgt Ion: 114 Resp: 713791

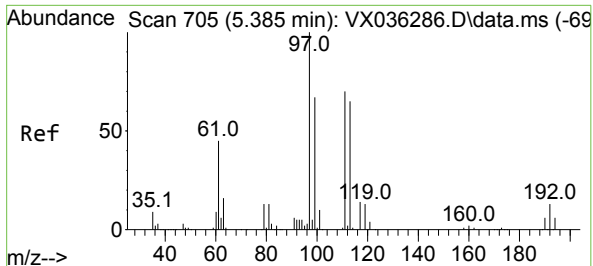
Ion Ratio Lower Upper

114 100

63 20.4 0.0 45.0

88 16.1 0.0 36.6





#35

Dibromofluoromethane

Concen: 59.650 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX036353.D

Acq: 27 Jun 2023 16:23

Instrument :

MSVOA_X

ClientSampleId :

SB-05-0-2.0

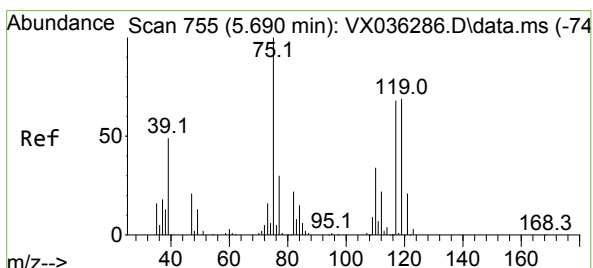
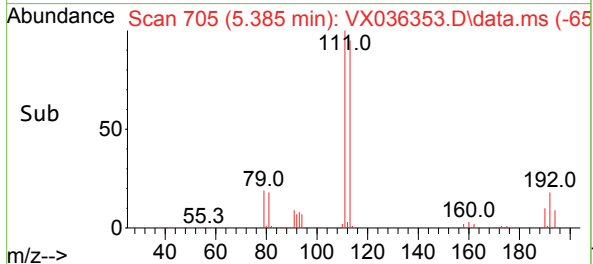
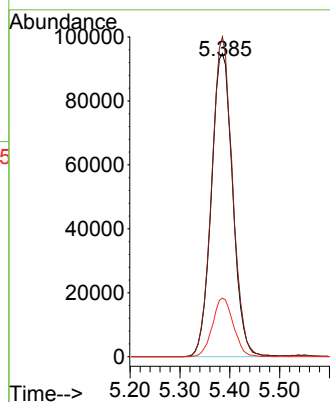
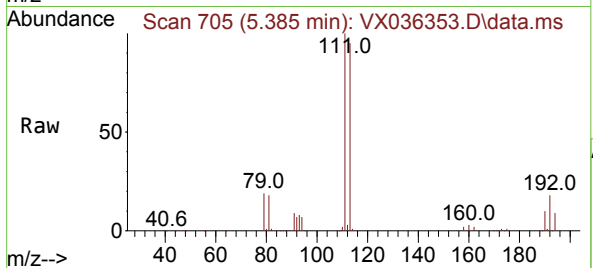
Tgt Ion:113 Resp: 280743

Ion Ratio Lower Upper

113 100

111 103.3 82.9 124.3

192 19.0 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.707 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.152 min

Lab File: VX036353.D

Acq: 27 Jun 2023 16:23

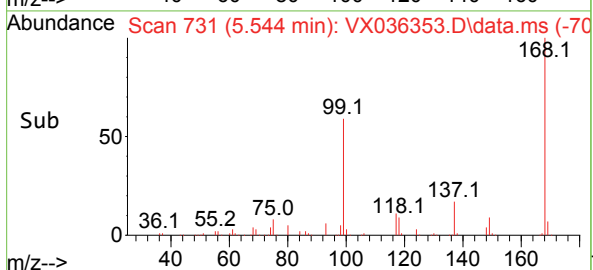
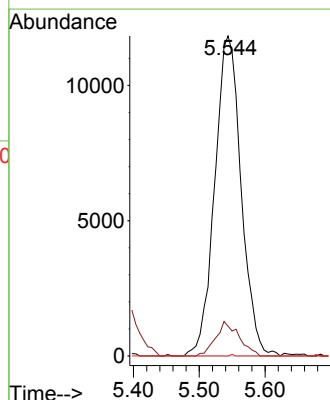
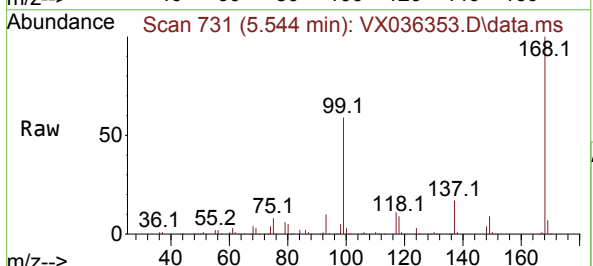
Tgt Ion: 75 Resp: 33020

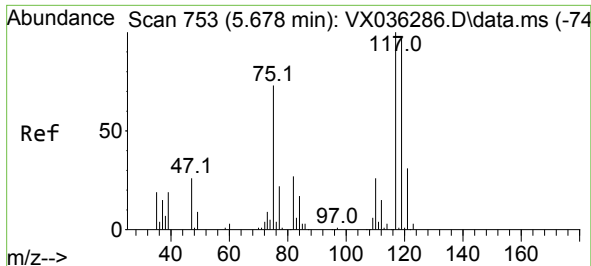
Ion Ratio Lower Upper

75 100

110 9.5 17.0 50.9#

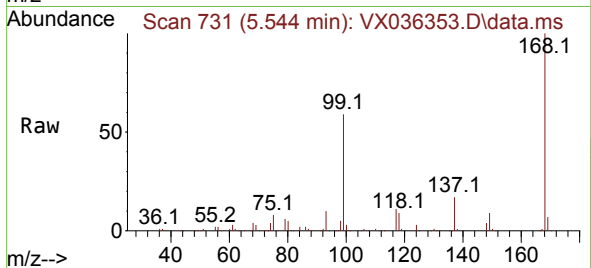
77 0.1 24.7 37.1#



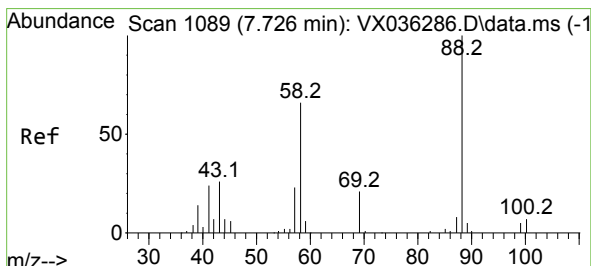
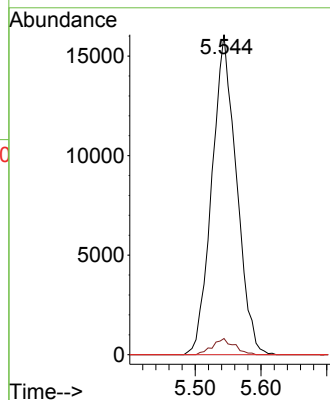
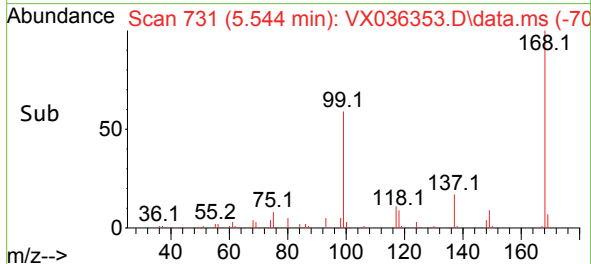


#38
Carbon Tetrachloride
Concen: 6.527 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX036353.D
Acq: 27 Jun 2023 16:23

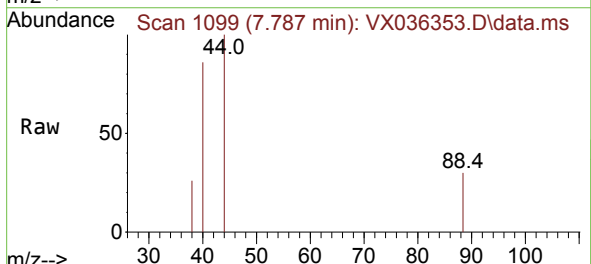
Instrument :
MSVOA_X
ClientSampleId :
SB-05-0-2.0



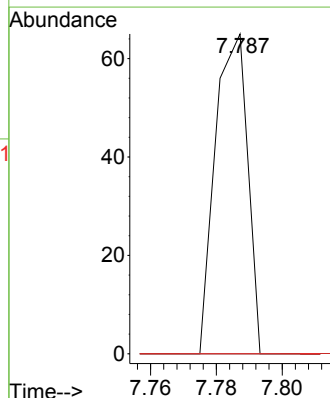
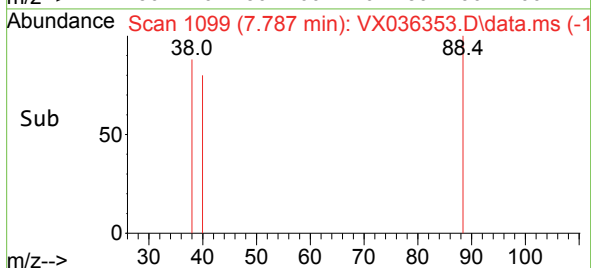
Tgt Ion:117 Resp: 41822
Ion Ratio Lower Upper
117 100
119 5.1 78.2 117.2#
121 0.0 24.4 36.6#

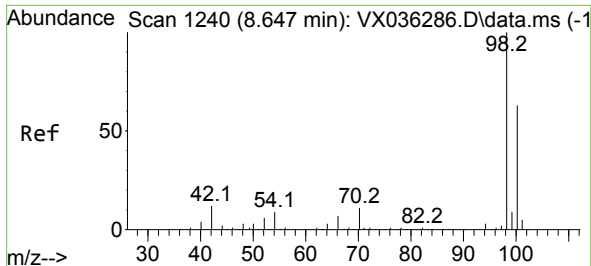


#49
1,4-Dioxane
Concen: 0.349 ug/l
RT: 7.787 min Scan# 1099
Delta R.T. 0.055 min
Lab File: VX036353.D
Acq: 27 Jun 2023 16:23



Tgt Ion: 88 Resp: 44
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 60.1 90.1#

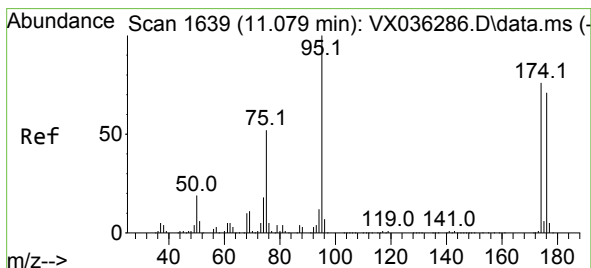
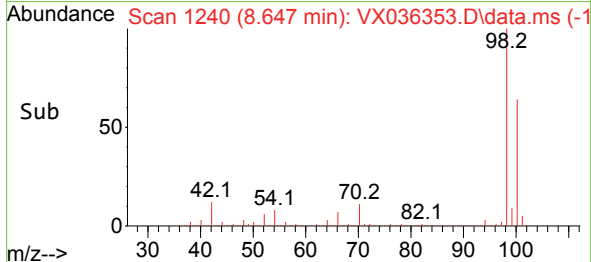
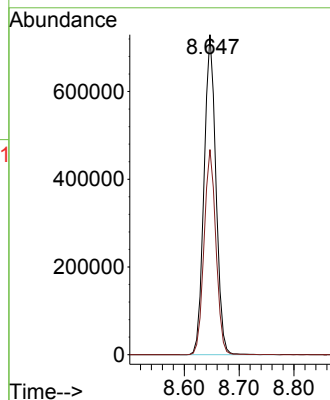
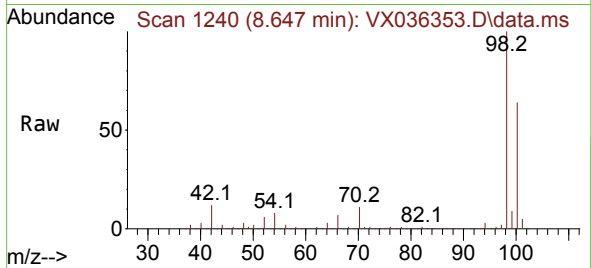




#50
Toluene-d8
Concen: 62.137 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX036353.D
Acq: 27 Jun 2023 16:23

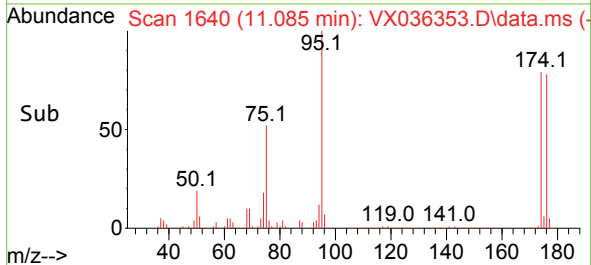
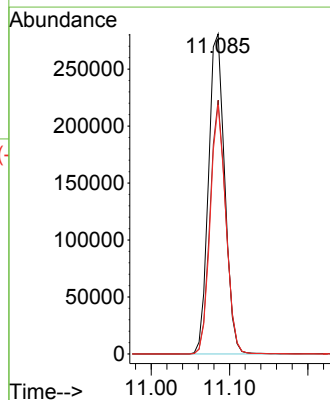
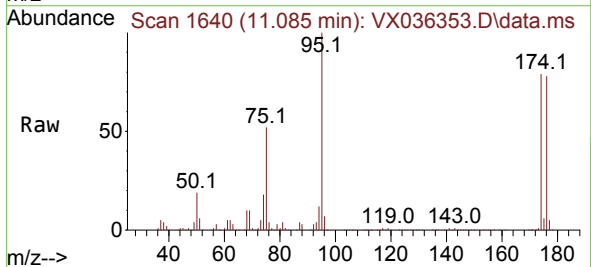
Instrument :
MSVOA_X
ClientSampleId :
SB-05-0-2.0

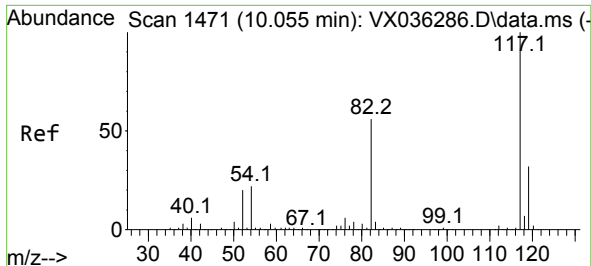
Tgt Ion: 98 Resp: 1092293
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 65.155 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX036353.D
Acq: 27 Jun 2023 16:23

Tgt Ion: 95 Resp: 403430
Ion Ratio Lower Upper
95 100
174 76.6 0.0 135.6
176 74.7 0.0 131.0

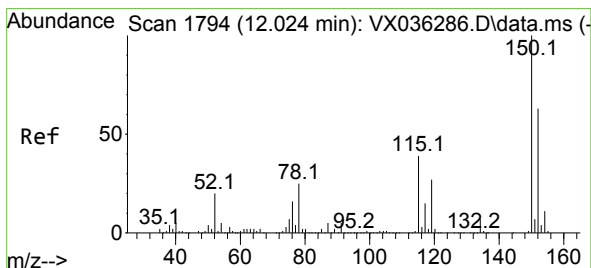
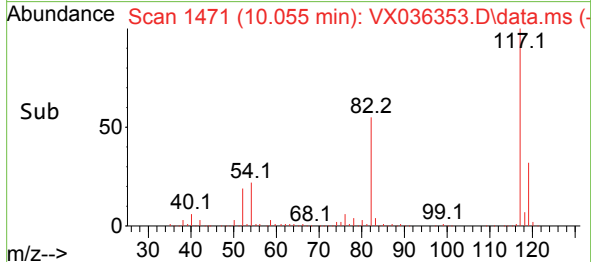
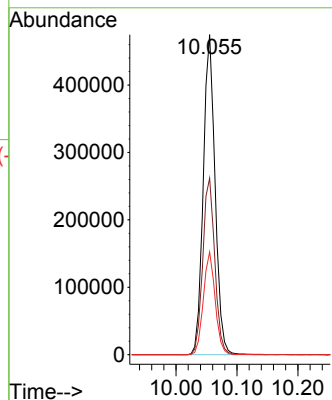
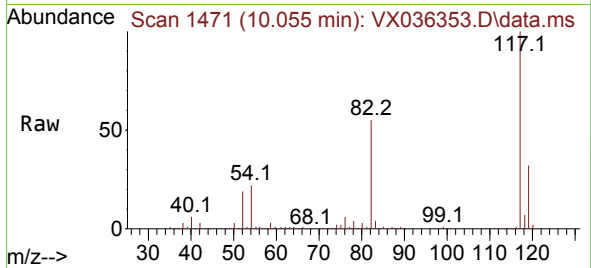




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036353.D
Acq: 27 Jun 2023 16:23

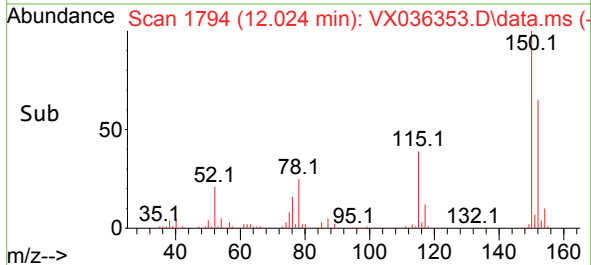
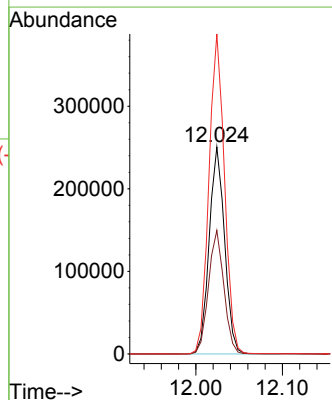
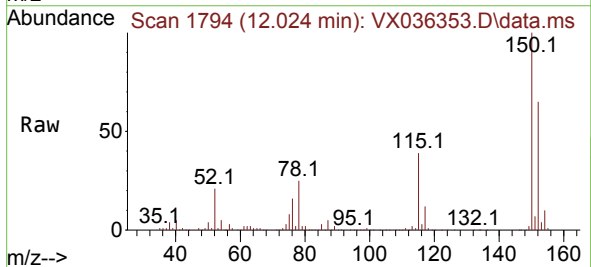
Instrument :
MSVOA_X
ClientSampleId :
SB-05-0-2.0

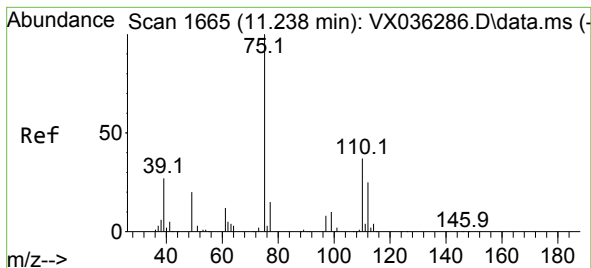
Tgt Ion:117 Resp: 641718
Ion Ratio Lower Upper
117 100
82 55.1 46.2 69.4
119 32.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036353.D
Acq: 27 Jun 2023 16:23

Tgt Ion:152 Resp: 310253
Ion Ratio Lower Upper
152 100
115 59.6 43.3 129.9
150 155.6 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 31.541 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. -0.153 min

Lab File: VX036353.D

Acq: 27 Jun 2023 16:23

Instrument :

MSVOA_X

ClientSampleId :

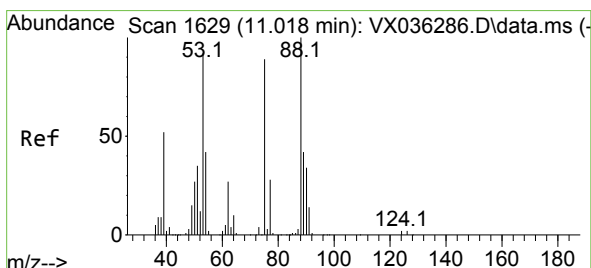
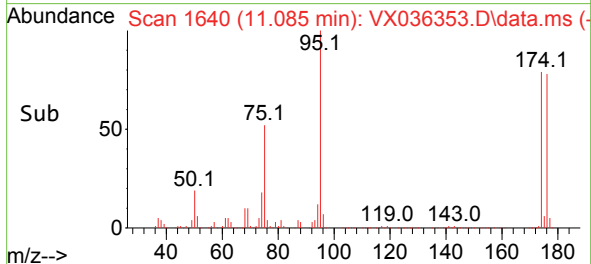
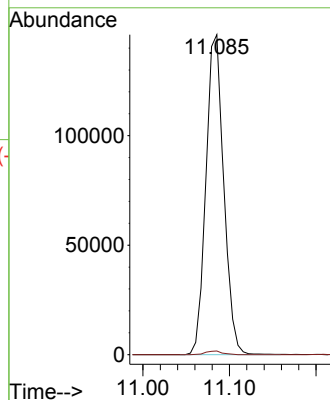
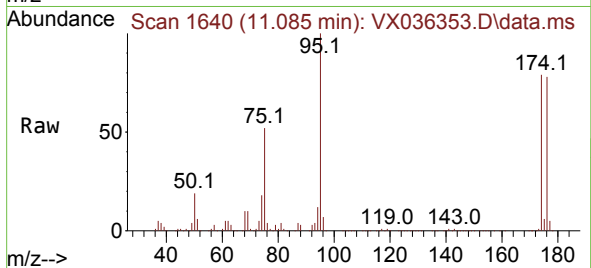
SB-05-0-2.0

Tgt Ion: 75 Resp: 208732

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 102.816 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.067 min

Lab File: VX036353.D

Acq: 27 Jun 2023 16:23

Tgt Ion: 75 Resp: 208732

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

