

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062723\
 Data File : VX036344.D
 Acq On : 27 Jun 2023 12:22
 Operator : JC/MD
 Sample : VX0627WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0627WBL01

Quant Time: Jun 28 04:18:35 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)

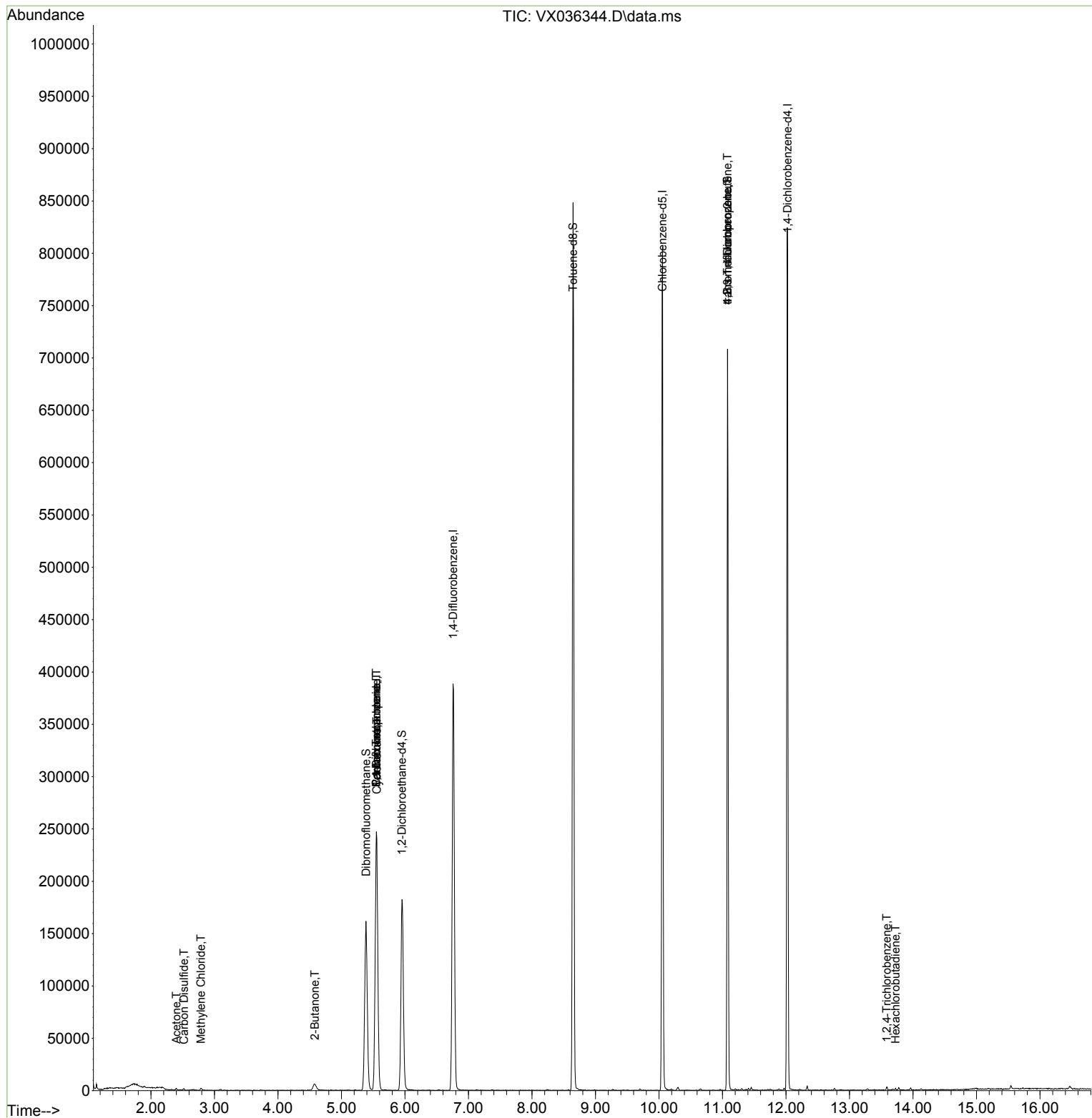
Internal Standards						
1) Pentafluorobenzene	5.550	168	231957	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	404318	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	366433	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	170958	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	178028	53.543	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 107.080%		
35) Dibromofluoromethane	5.385	113	137213	51.468	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 102.940%		
50) Toluene-d8	8.647	98	505208	50.737	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 101.480%		
62) 4-Bromofluorobenzene	11.079	95	180304	51.408	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 102.820%		
Target Compounds						
					Qvalue	
16) Acetone	2.398	43	1461	1.028	ug/l #	80
17) Carbon Disulfide	2.520	76	1487	0.230	ug/l #	93
20) Methylene Chloride	2.788	84	786	0.257	ug/l #	67
25) 2-Butanone	4.581	43	533	0.261	ug/l #	51
31) Cyclohexane	5.556	56	5654	1.327	ug/l #	7
36) 1,1-Dichloropropene	5.550	75	18342	4.616	ug/l #	51
38) Carbon Tetrachloride	5.550	117	23508	6.477	ug/l #	14
76) 1,2,3-Trichloropropane	11.079	75	93118	25.536	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	93118	83.240	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.585	180	922	0.261	ug/l	86
94) Hexachlorobutadiene	13.725	225	363	0.251	ug/l	74

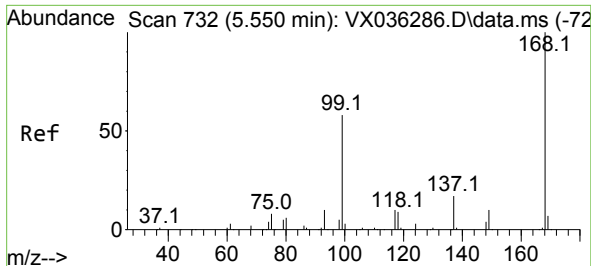
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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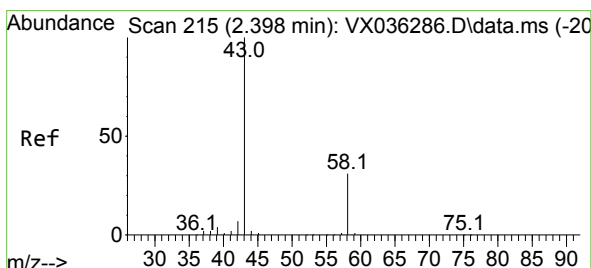
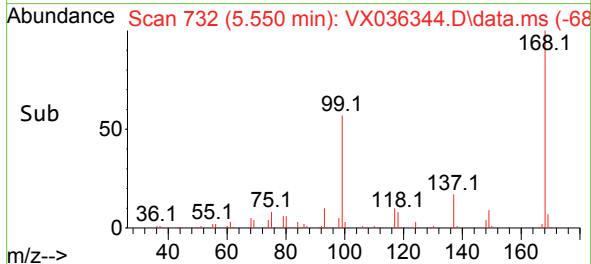
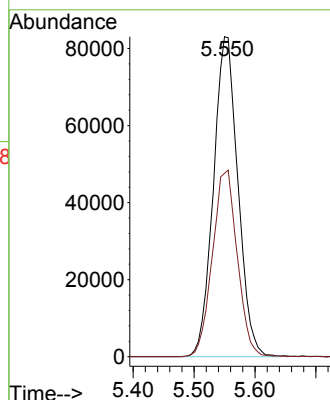
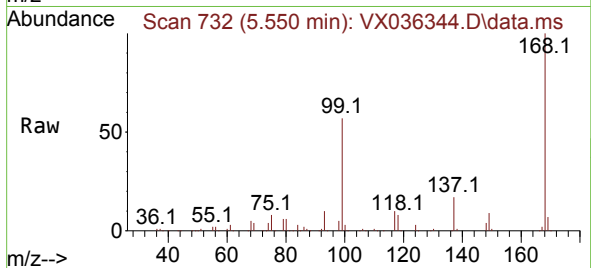




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX036344.D
Acq: 27 Jun 2023 12:22

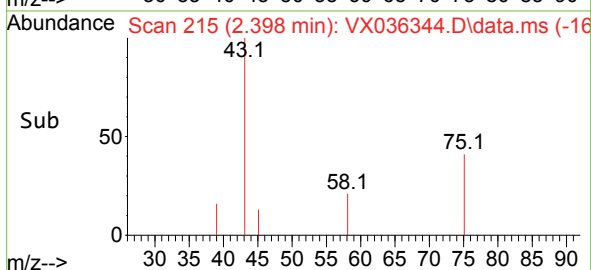
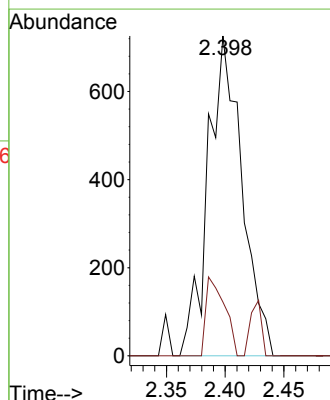
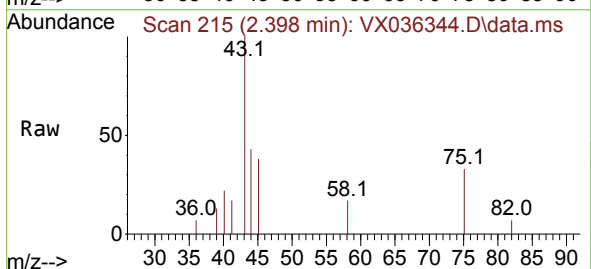
Instrument :
MSVOA_X
ClientSampleId :
VX0627WBL01

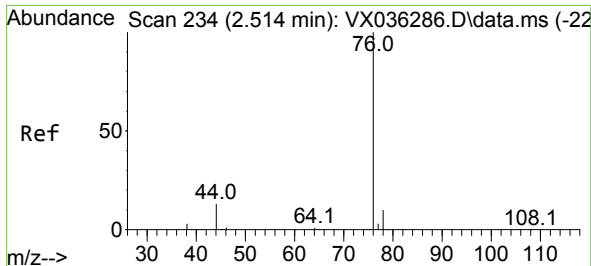
Tgt Ion:168 Resp: 231957
Ion Ratio Lower Upper
168 100
99 57.3 56.6 85.0



#16
Acetone
Concen: 1.028 ug/l
RT: 2.398 min Scan# 215
Delta R.T. -0.006 min
Lab File: VX036344.D
Acq: 27 Jun 2023 12:22

Tgt Ion: 43 Resp: 1461
Ion Ratio Lower Upper
43 100
58 16.8 21.9 32.9





#17

Carbon Disulfide

Concen: 0.230 ug/l

RT: 2.520 min Scan# 21

Delta R.T. 0.007 min

Lab File: VX036344.D

Acq: 27 Jun 2023 12:22

Instrument :

MSVOA_X

ClientSampleId :

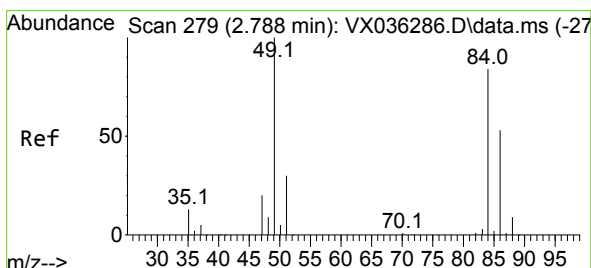
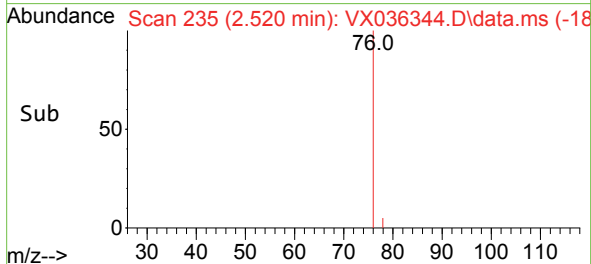
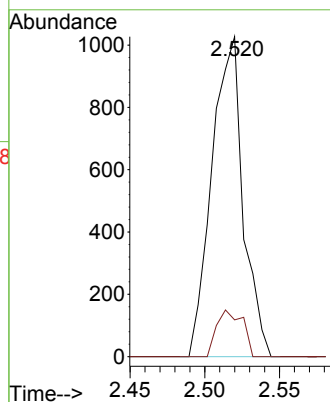
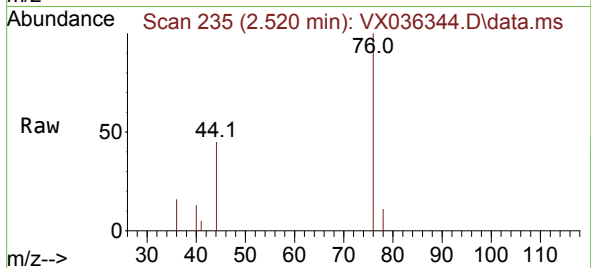
VX0627WBL01

Tgt Ion: 76 Resp: 1487

Ion Ratio Lower Upper

76 100

78 11.5 7.0 10.6#



#20

Methylene Chloride

Concen: 0.257 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX036344.D

Acq: 27 Jun 2023 12:22

Tgt Ion: 84 Resp: 786

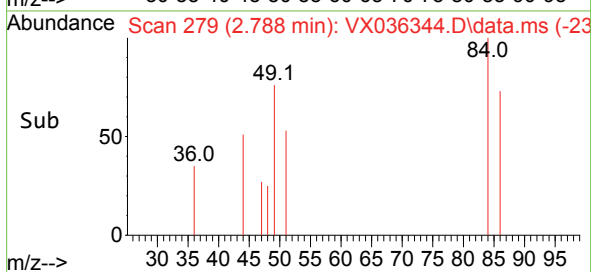
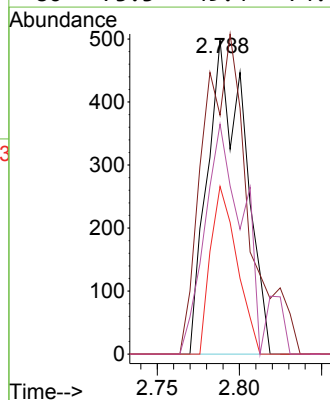
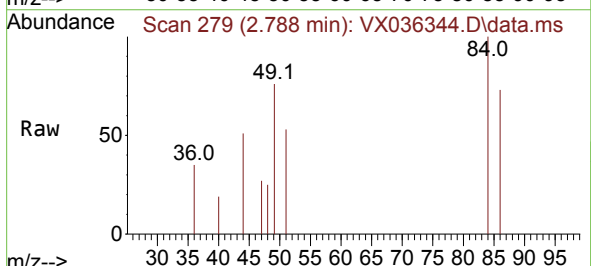
Ion Ratio Lower Upper

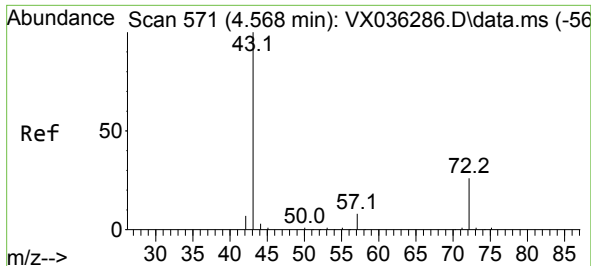
84 100

49 76.1 103.6 155.4#

51 53.4 33.8 50.6#

86 73.3 49.4 74.0

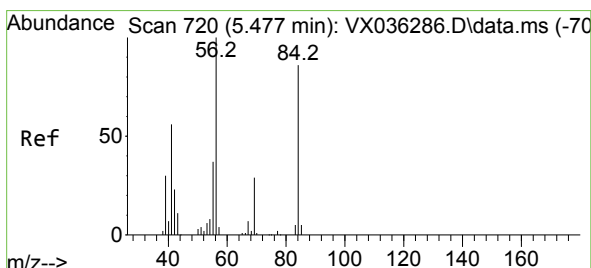
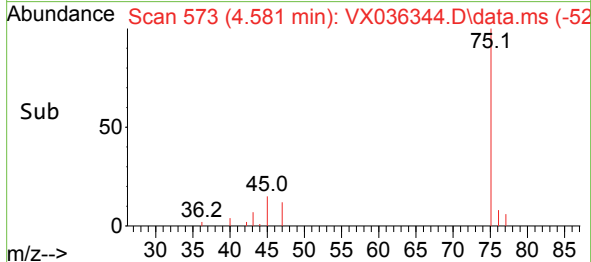
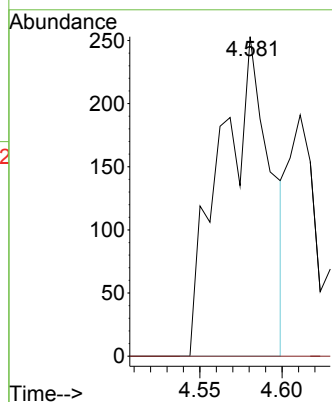
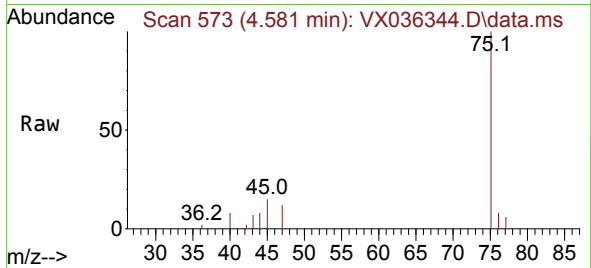




#25
2-Butanone
Concen: 0.261 ug/l
RT: 4.581 min Scan# 51
Delta R.T. 0.013 min
Lab File: VX036344.D
Acq: 27 Jun 2023 12:22

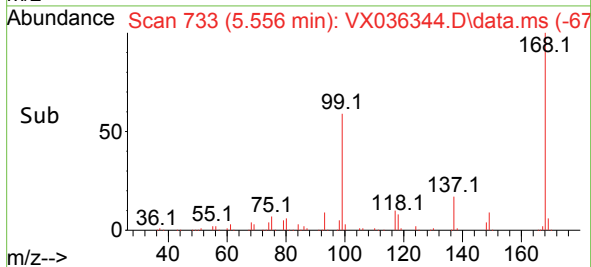
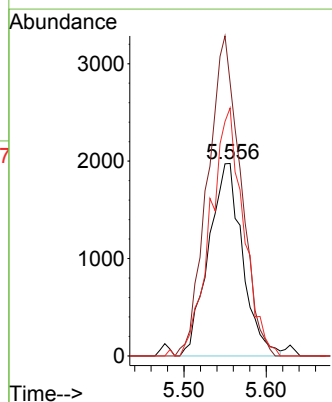
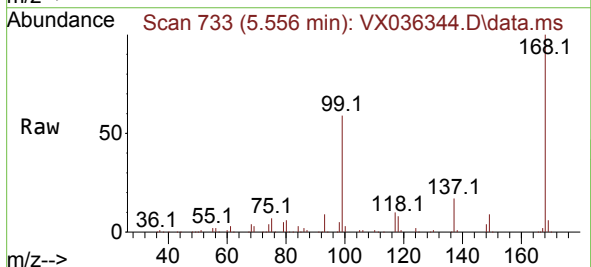
Instrument :
MSVOA_X
ClientSampleId :
VX0627WBL01

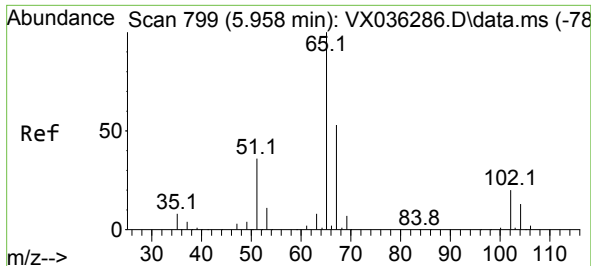
Tgt Ion: 43 Resp: 533
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#31
Cyclohexane
Concen: 1.327 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.086 min
Lab File: VX036344.D
Acq: 27 Jun 2023 12:22

Tgt Ion: 56 Resp: 5654
Ion Ratio Lower Upper
56 100
69 142.0 23.4 35.2#
84 128.9 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 53.543 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX036344.D

Acq: 27 Jun 2023 12:22

Instrument :

MSVOA_X

ClientSampleId :

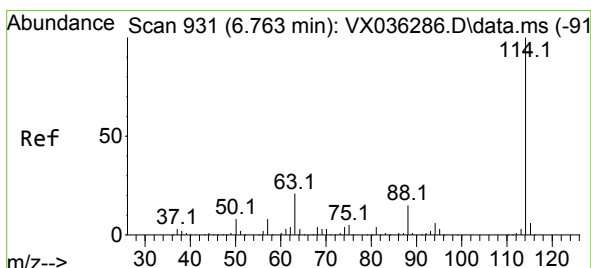
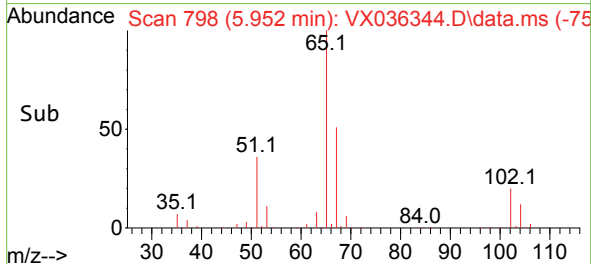
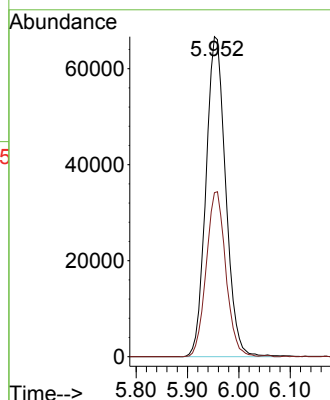
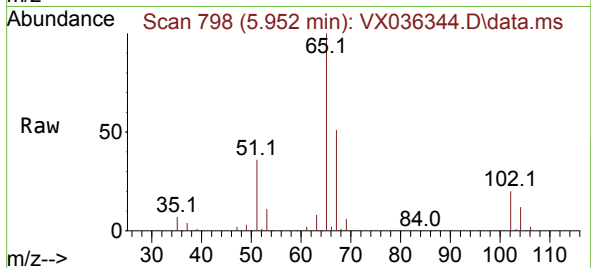
VX0627WBL01

Tgt Ion: 65 Resp: 178028

Ion Ratio Lower Upper

65 100

67 51.1 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: VX036344.D

Acq: 27 Jun 2023 12:22

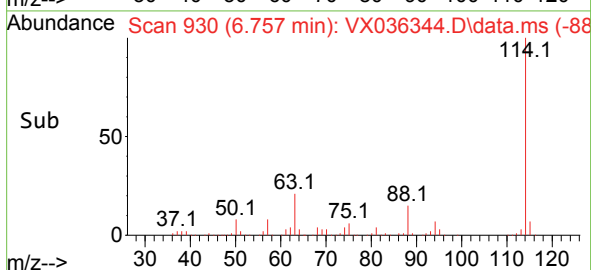
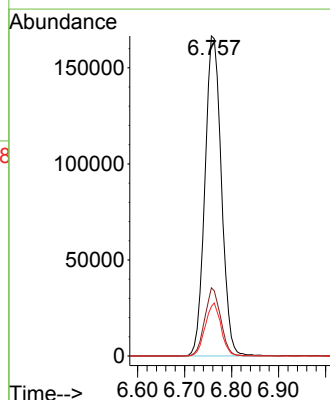
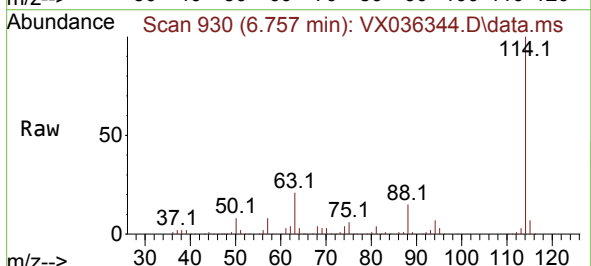
Tgt Ion: 114 Resp: 404318

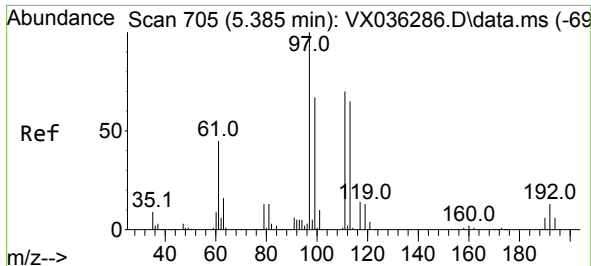
Ion Ratio Lower Upper

114 100

63 21.3 0.0 45.0

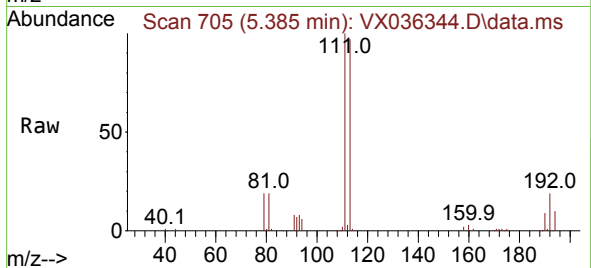
88 15.5 0.0 36.6



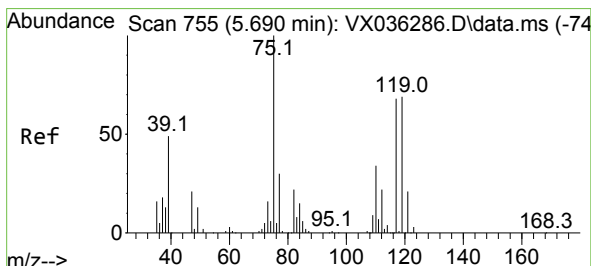
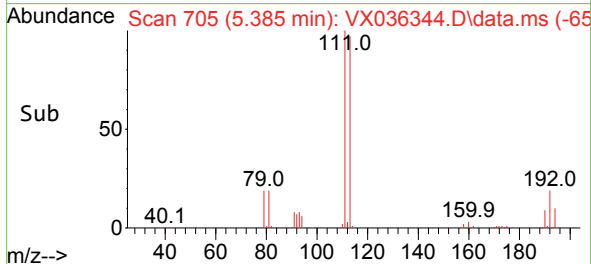
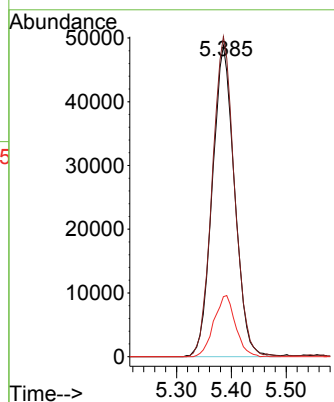


#35
Dibromofluoromethane
Concen: 51.468 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036344.D
Acq: 27 Jun 2023 12:22

Instrument :
MSVOA_X
ClientSampleId :
VX0627WBL01

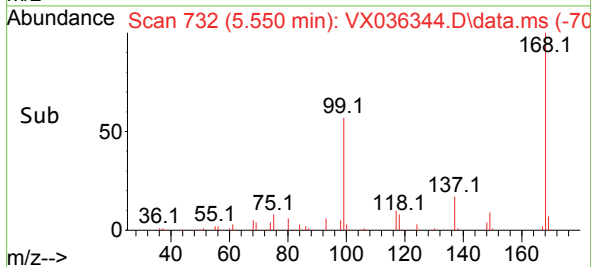
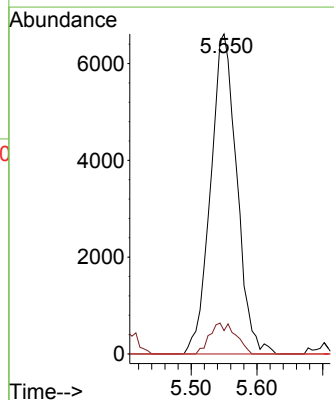
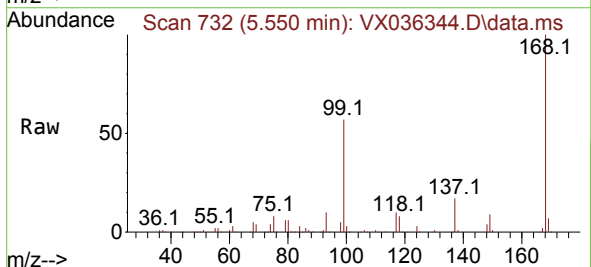


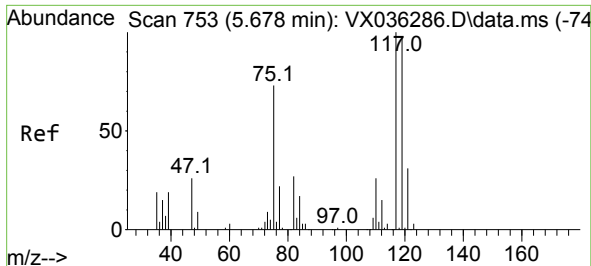
Tgt Ion:113 Resp: 137213
Ion Ratio Lower Upper
113 100
111 103.1 82.9 124.3
192 19.1 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.616 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX036344.D
Acq: 27 Jun 2023 12:22

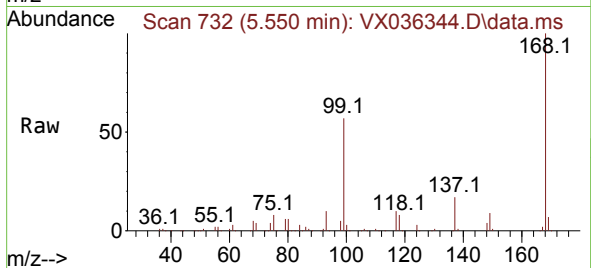
Tgt Ion: 75 Resp: 18342
Ion Ratio Lower Upper
75 100
110 9.6 17.0 50.9#
77 0.0 24.7 37.1#



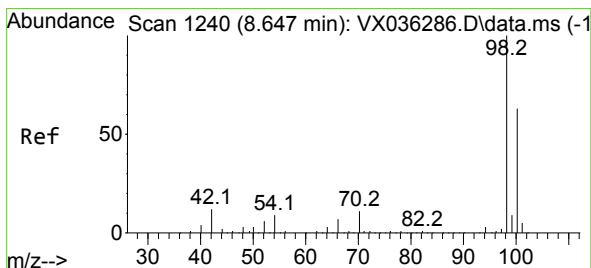
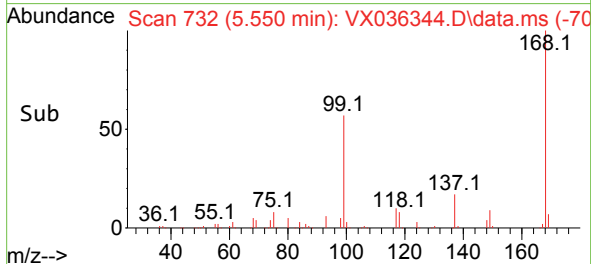
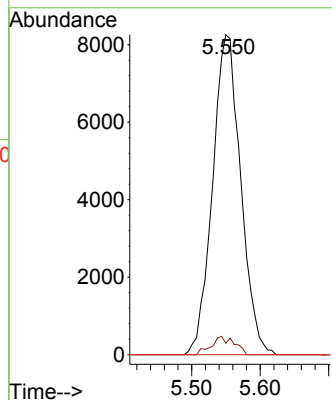


#38
Carbon Tetrachloride
Concen: 6.477 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX036344.D
Acq: 27 Jun 2023 12:22

Instrument :
MSVOA_X
ClientSampleId :
VX0627WBL01

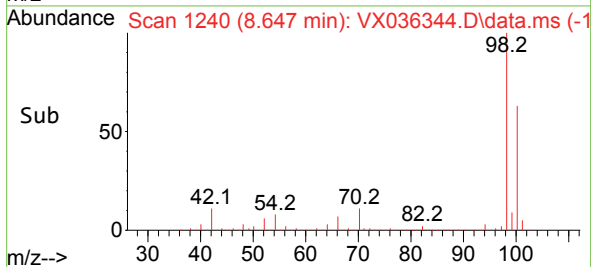
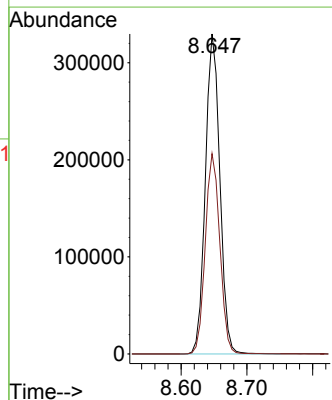
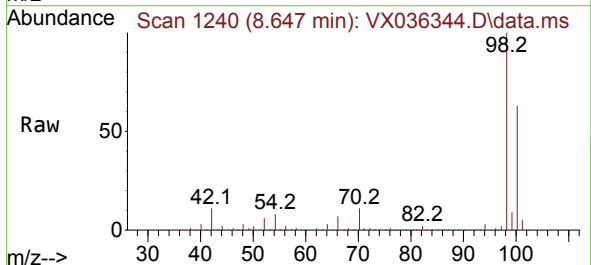


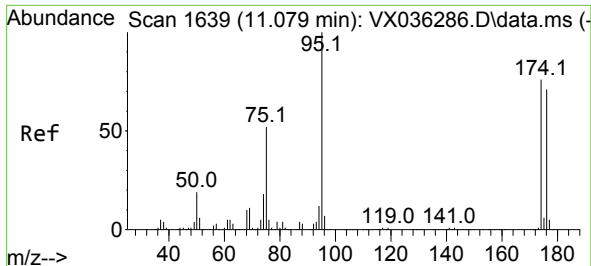
Tgt Ion:117 Resp: 23508
Ion Ratio Lower Upper
117 100
119 3.6 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 50.737 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036344.D
Acq: 27 Jun 2023 12:22

Tgt Ion: 98 Resp: 505208
Ion Ratio Lower Upper
98 100
100 62.9 53.1 79.7

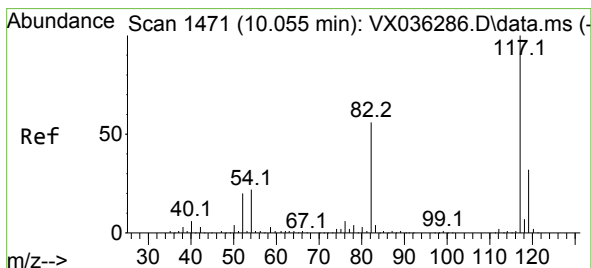
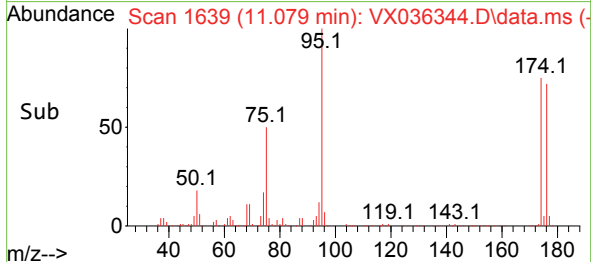
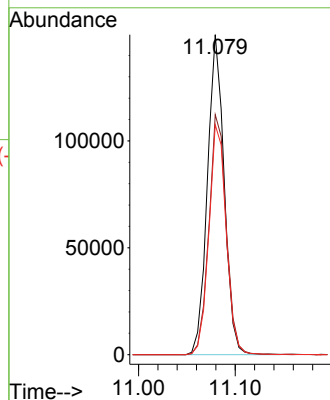
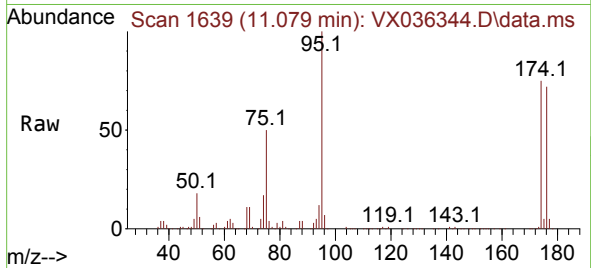




#62
4-Bromofluorobenzene
Concen: 51.408 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX036344.D
Acq: 27 Jun 2023 12:22

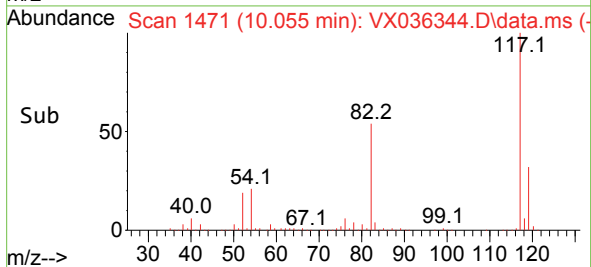
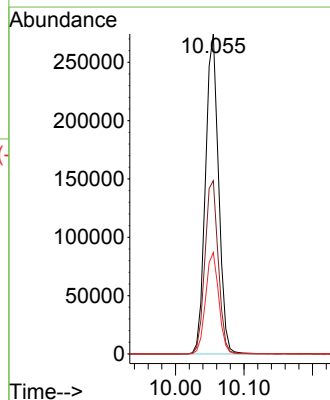
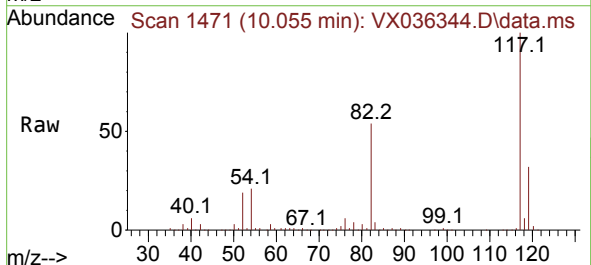
Instrument :
MSVOA_X
ClientSampleId :
VX0627WBL01

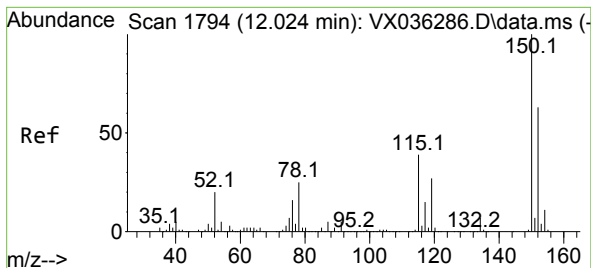
Tgt Ion: 95 Resp: 180304
Ion Ratio Lower Upper
95 100
174 78.0 0.0 135.6
176 74.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036344.D
Acq: 27 Jun 2023 12:22

Tgt Ion: 117 Resp: 366433
Ion Ratio Lower Upper
117 100
82 54.2 46.2 69.4
119 31.7 25.5 38.3

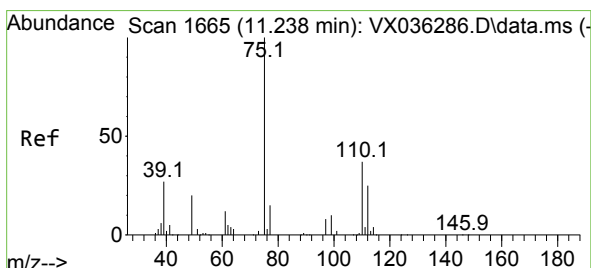
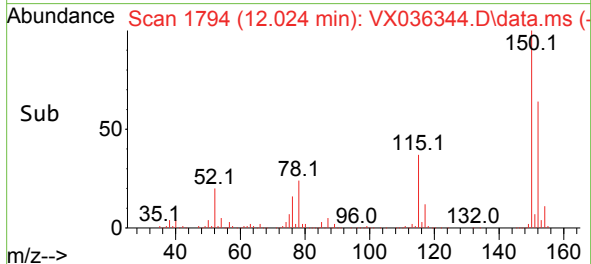
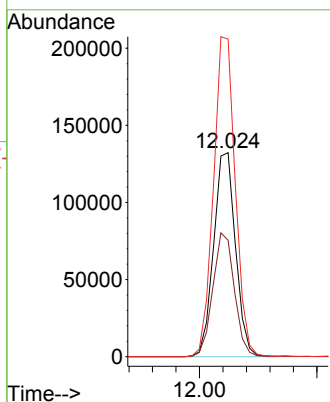
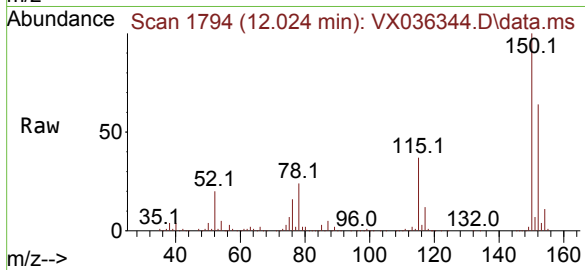




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX036344.D
 Acq: 27 Jun 2023 12:22

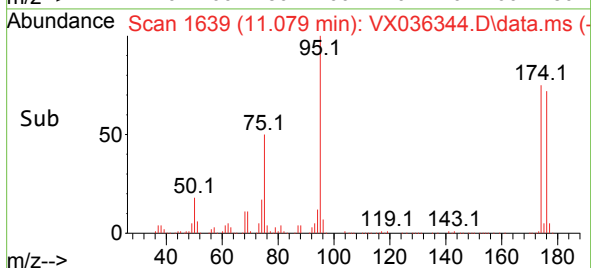
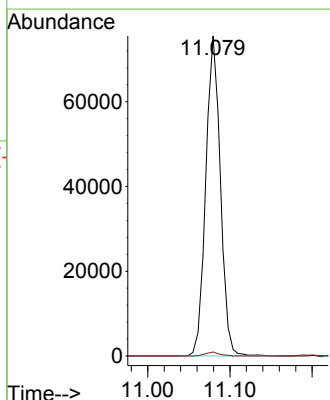
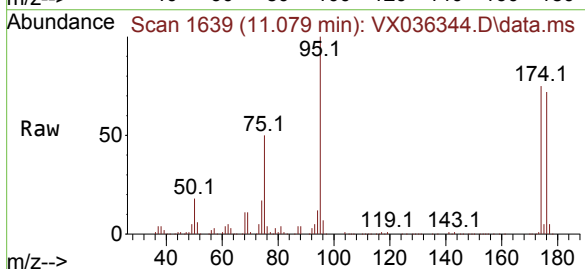
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0627WBL01

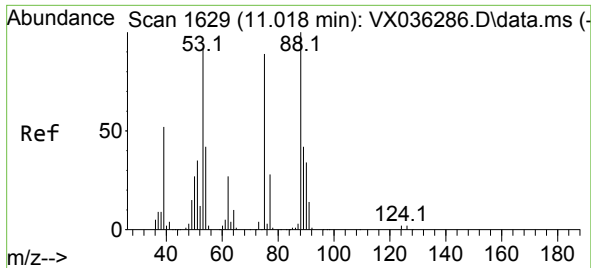
Tgt Ion:152 Resp: 170958
 Ion Ratio Lower Upper
 152 100
 115 59.8 43.3 129.9
 150 156.3 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 25.536 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX036344.D
 Acq: 27 Jun 2023 12:22

Tgt Ion: 75 Resp: 93118
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#

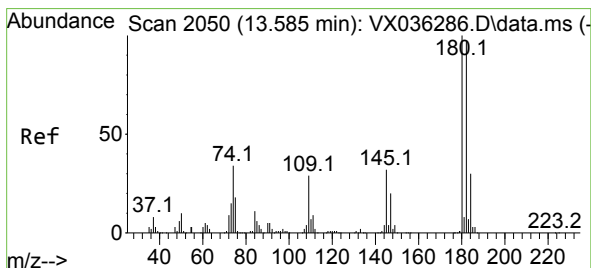
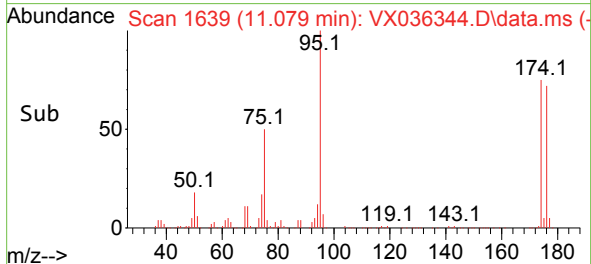
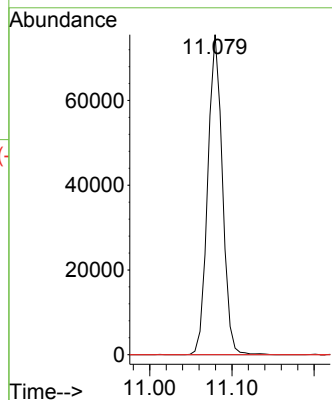
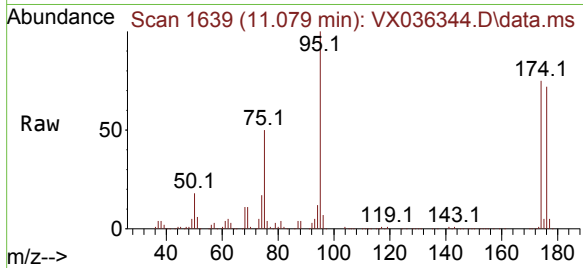




#81
trans-1,4-Dichloro-2-butene
Concen: 83.240 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX036344.D
Acq: 27 Jun 2023 12:22

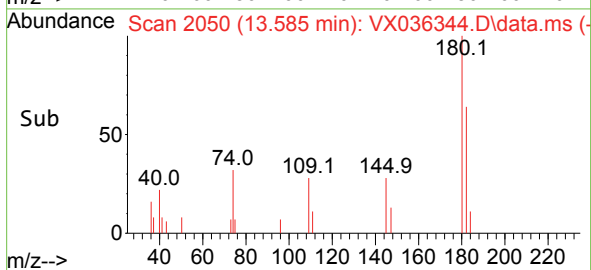
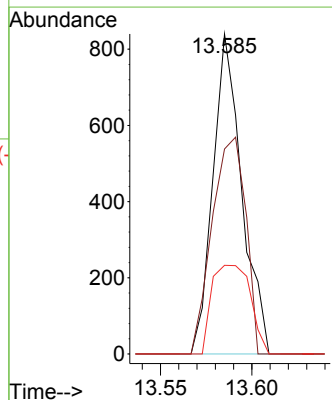
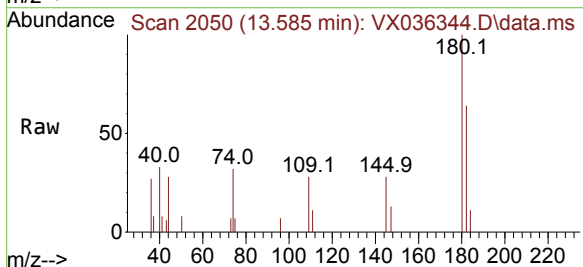
Instrument :
MSVOA_X
ClientSampleId :
VX0627WBL01

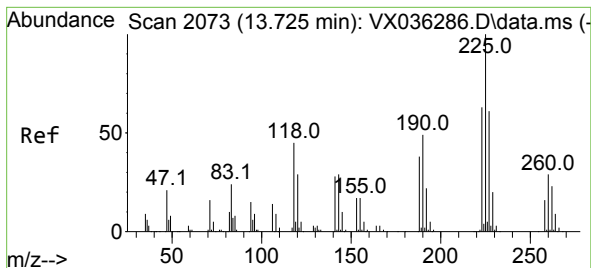
Tgt Ion: 75 Resp: 93118
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.261 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX036344.D
Acq: 27 Jun 2023 12:22

Tgt Ion:180 Resp: 922
Ion Ratio Lower Upper
180 100
182 78.7 48.3 144.8
145 37.2 18.0 54.0





#94

Hexachlorobutadiene

Concen: 0.251 ug/l

RT: 13.725 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX036344.D

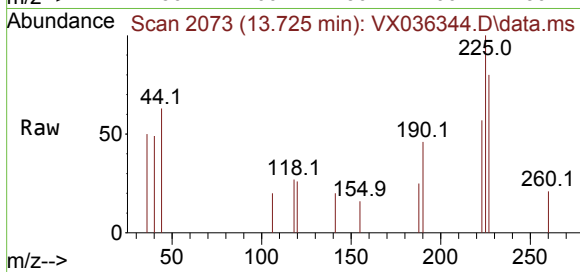
Acq: 27 Jun 2023 12:22

Instrument :

MSVOA_X

ClientSampleId :

VX0627WBL01



Tgt Ion:225 Resp: 363

Ion Ratio Lower Upper

225 100

223 73.6 31.1 93.2

227 93.9 32.5 97.5

