

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031523\
 Data File : VX034505.D
 Acq On : 15 Mar 2023 13:56
 Operator : JC/MD
 Sample : VX0315WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBL01

Quant Time: Mar 16 05:18:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

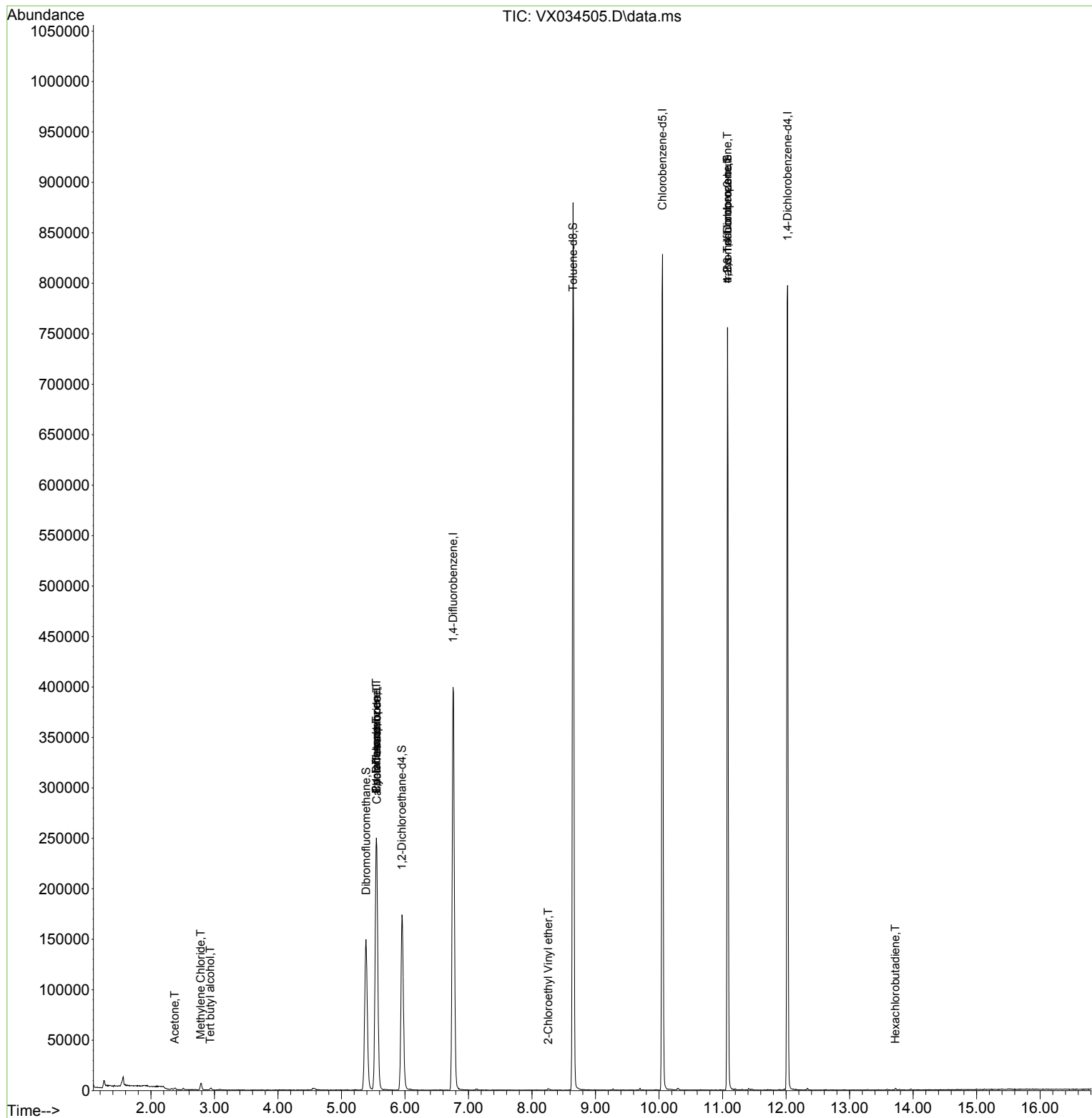
Internal Standards						
1) Pentafluorobenzene	5.550	168	238002	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	407088	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	369226	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	164492	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	163634	47.260	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.520%		
35) Dibromofluoromethane	5.385	113	128780	47.913	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.820%		
50) Toluene-d8	8.647	98	497425	49.575	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.160%		
62) 4-Bromofluorobenzene	11.079	95	191044	47.138	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.280%		
Target Compounds			Qvalue			
3) Chloromethane	1.301	50	411	Below Cal		96
11) Tert butyl alcohol	2.934	59	1000	1.387 ug/l #		73
16) Acetone	2.373	43	1479	0.907 ug/l		90
20) Methylene Chloride	2.782	84	2875	0.908 ug/l		91
31) Cyclohexane	5.550	56	6126	1.262 ug/l #		1
36) 1,1-Dichloropropene	5.550	75	19489	4.721 ug/l #		50
38) Carbon Tetrachloride	5.556	117	25479	6.204 ug/l #		15
58) 2-Chloroethyl Vinyl ether	8.257	63	834	0.332 ug/l #		62
76) 1,2,3-Trichloropropane	11.079	75	102623	27.171 ug/l #		34
81) trans-1,4-Dichloro-2-b...	11.079	75	102623	73.506 ug/l #		8
94) Hexachlorobutadiene	13.719	225	364	0.250 ug/l		82

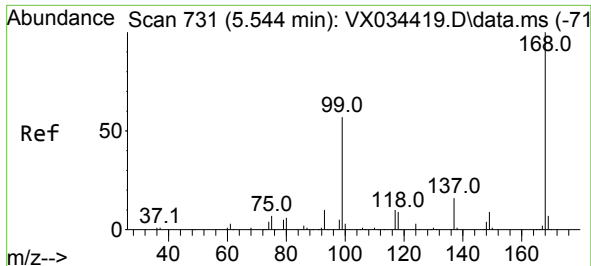
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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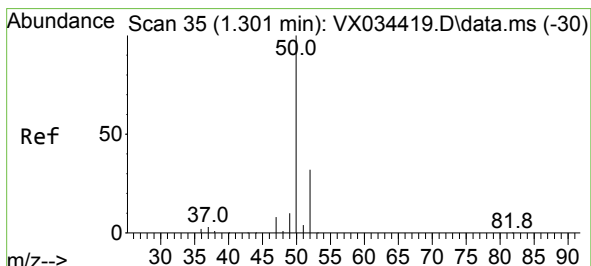
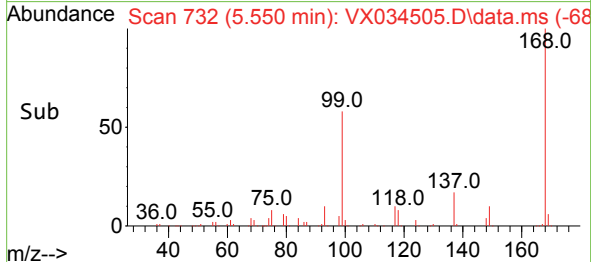
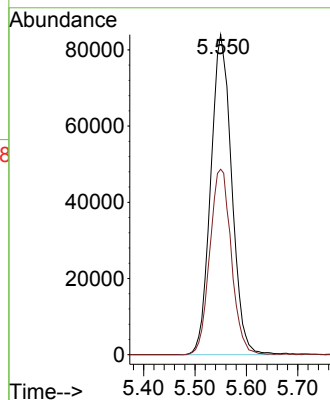
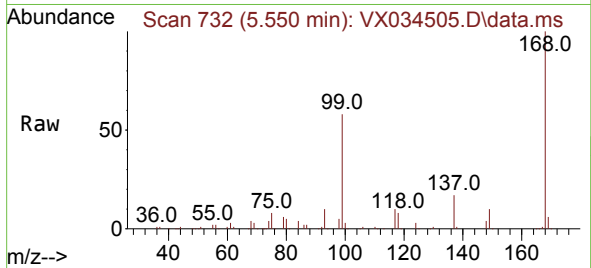




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034505.D
Acq: 15 Mar 2023 13:56

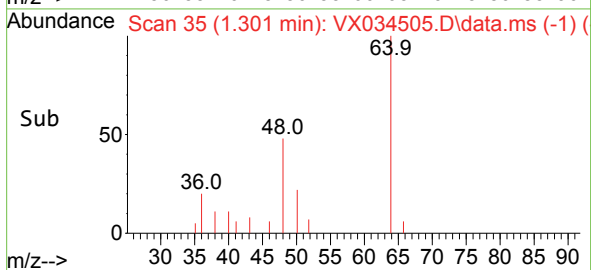
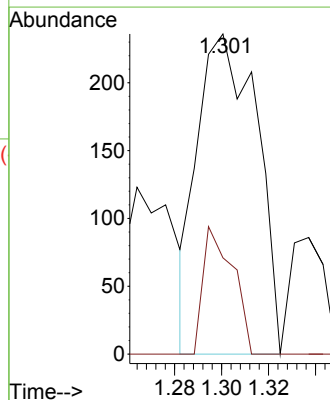
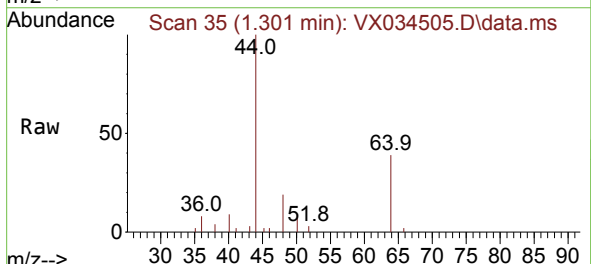
Instrument :
MSVOA_X
ClientSampleId :
VX0315WBL01

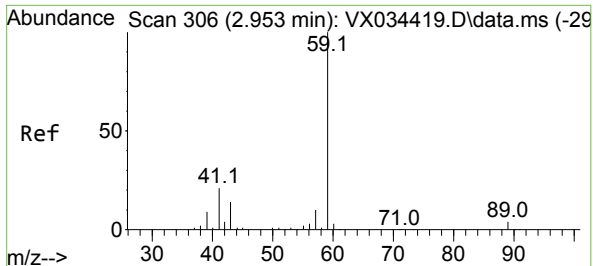
Tgt Ion:168 Resp: 238002
Ion Ratio Lower Upper
168 100
99 57.9 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX034505.D
Acq: 15 Mar 2023 13:56

Tgt Ion: 50 Resp: 411
Ion Ratio Lower Upper
50 100
52 30.1 25.9 38.9





#11

Tert butyl alcohol

Concen: 1.387 ug/l

RT: 2.934 min Scan# 306

Delta R.T. -0.018 min

Lab File: VX034505.D

Acq: 15 Mar 2023 13:56

Instrument :

MSVOA_X

ClientSampleId :

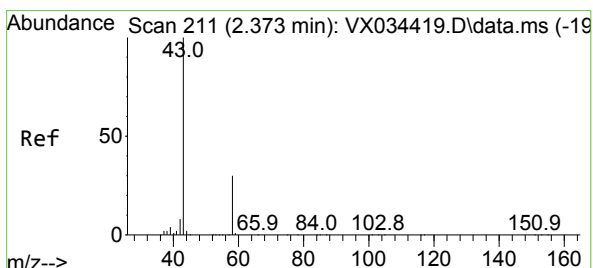
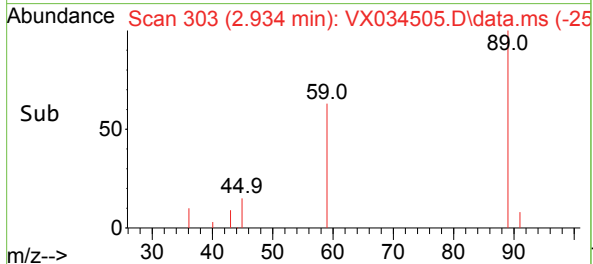
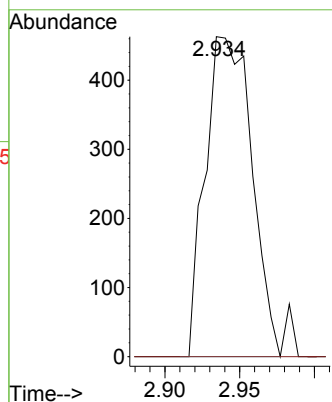
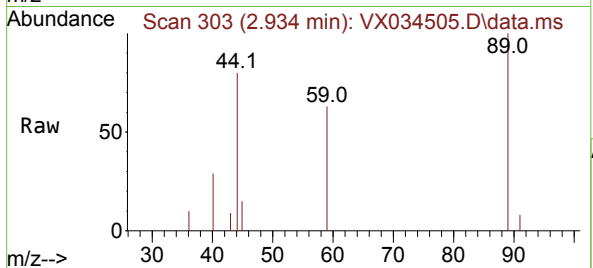
VX0315WBL01

Tgt Ion: 59 Resp: 1000

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



#16

Acetone

Concen: 0.907 ug/l

RT: 2.373 min Scan# 211

Delta R.T. 0.000 min

Lab File: VX034505.D

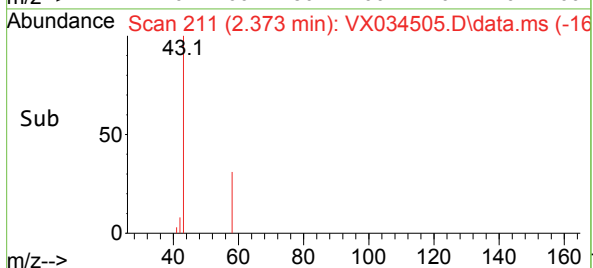
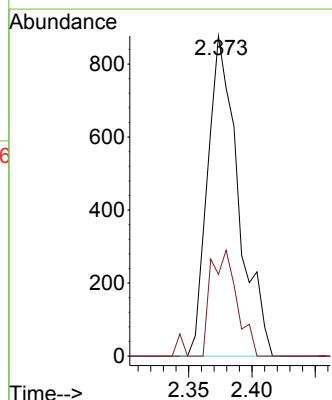
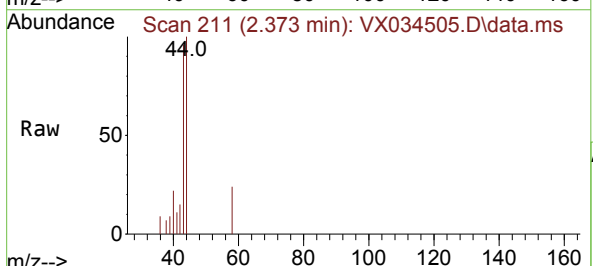
Acq: 15 Mar 2023 13:56

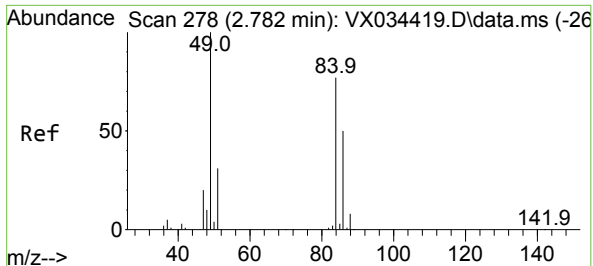
Tgt Ion: 43 Resp: 1479

Ion Ratio Lower Upper

43 100

58 25.5 24.7 37.1

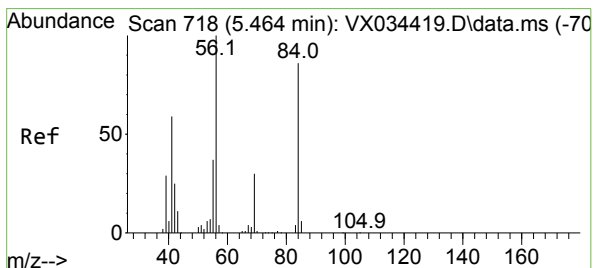
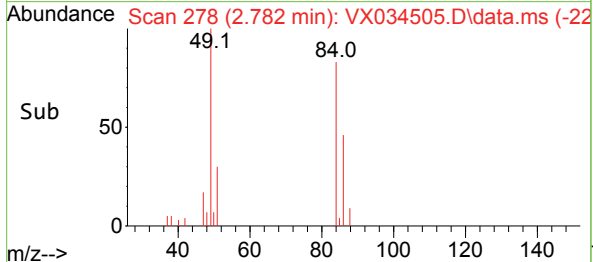
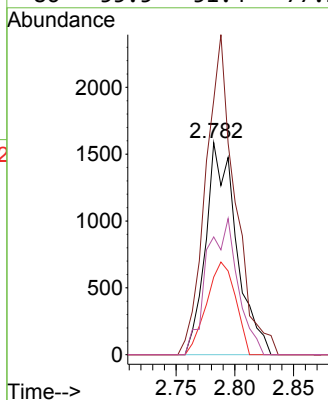
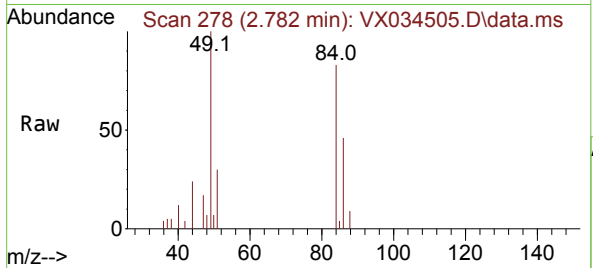




#20
Methylene Chloride
Concen: 0.908 ug/l
RT: 2.782 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX034505.D
Acq: 15 Mar 2023 13:56

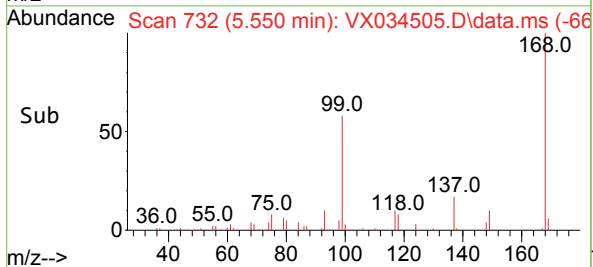
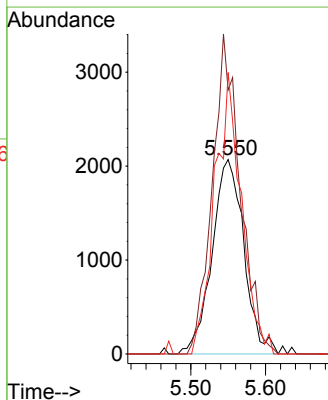
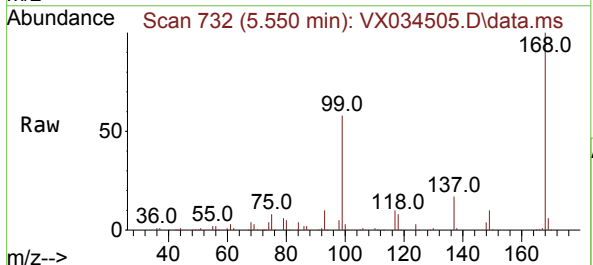
Instrument :
MSVOA_X
ClientSampleId :
VX0315WBL01

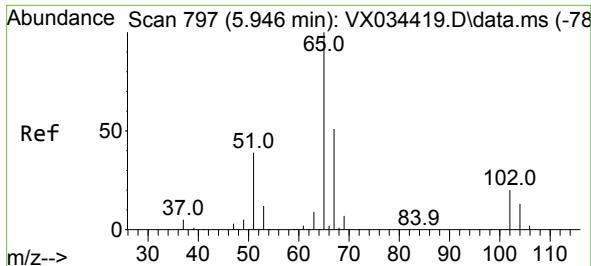
Tgt Ion:	84	Resp:	2875
Ion	Ratio	Lower	Upper
84	100		
49	120.0	103.8	155.8
51	36.6	31.8	47.8
86	55.5	51.4	77.2



#31
Cyclohexane
Concen: 1.262 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX034505.D
Acq: 15 Mar 2023 13:56

Tgt Ion:	56	Resp:	6126
Ion	Ratio	Lower	Upper
56	100		
69	135.7	23.7	35.5#
84	144.7	68.5	102.7#





#33

1,2-Dichloroethane-d4

Concen: 47.260 ug/l

RT: 5.952 min Scan# 79

Delta R.T. 0.006 min

Lab File: VX034505.D

Acq: 15 Mar 2023 13:56

Instrument :

MSVOA_X

ClientSampleId :

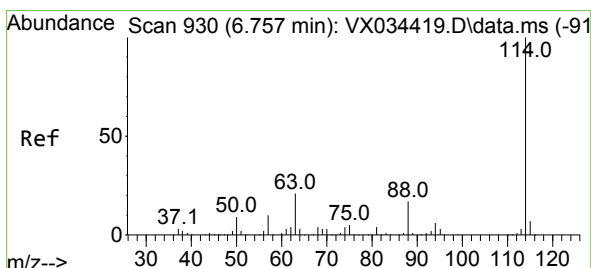
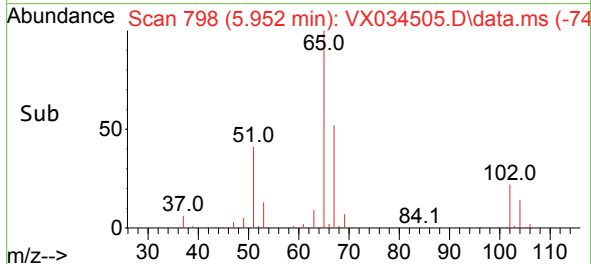
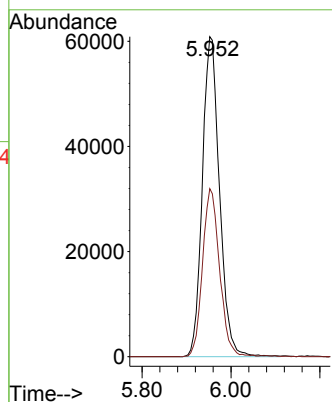
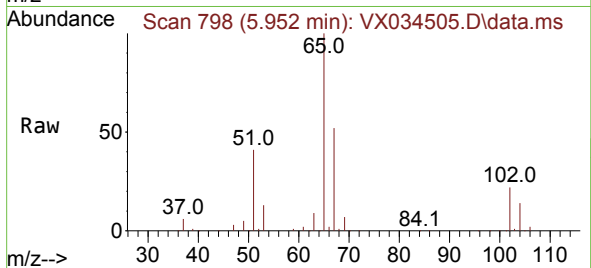
VX0315WBL01

Tgt Ion: 65 Resp: 163634

Ion Ratio Lower Upper

65 100

67 52.2 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX034505.D

Acq: 15 Mar 2023 13:56

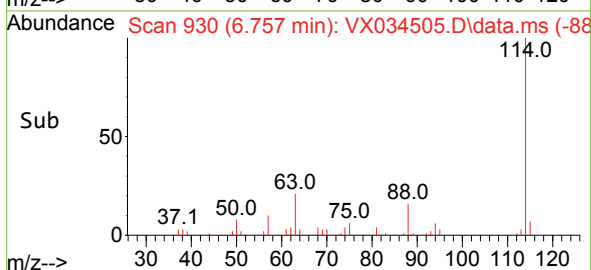
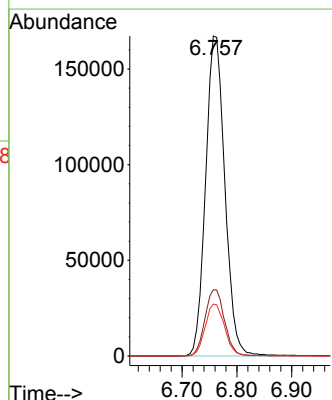
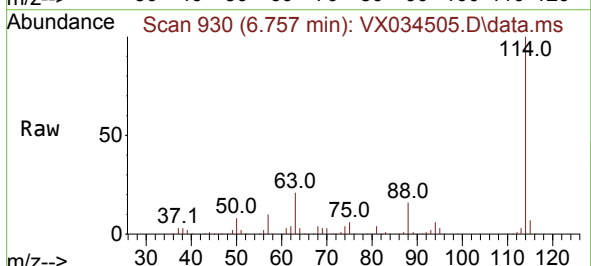
Tgt Ion: 114 Resp: 407088

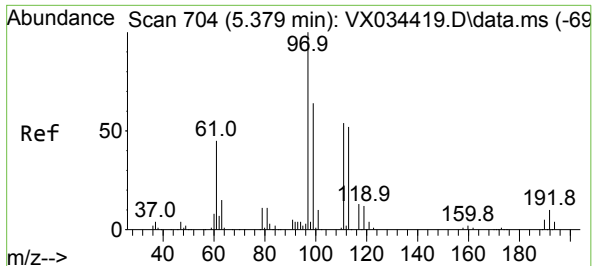
Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.2

88 16.2 0.0 33.2





#35

Dibromofluoromethane

Concen: 47.913 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX034505.D

Acq: 15 Mar 2023 13:56

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBL01

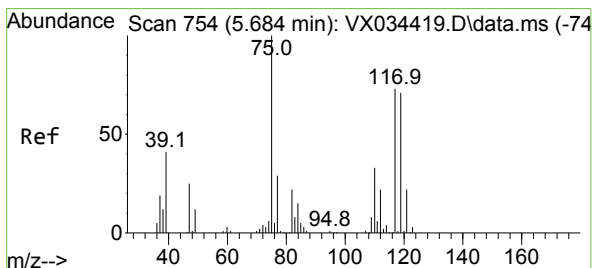
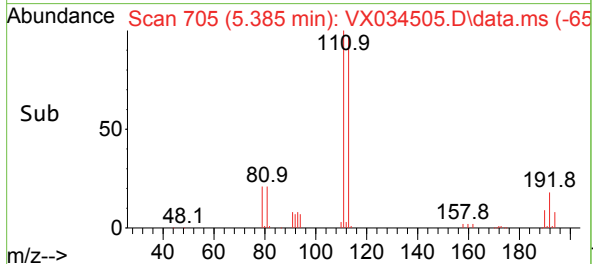
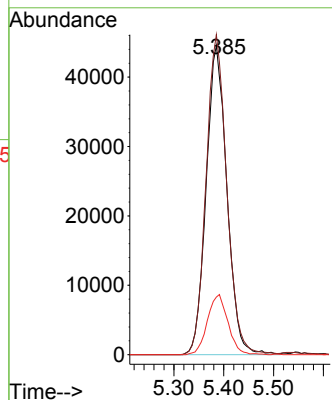
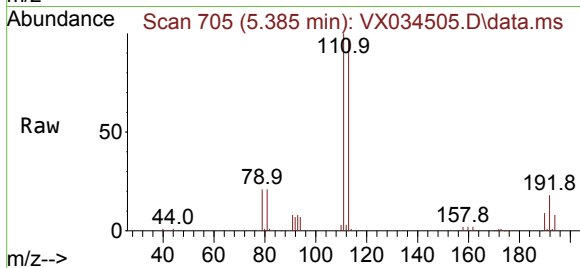
Tgt Ion:113 Resp: 128780

Ion Ratio Lower Upper

113 100

111 103.3 83.7 125.5

192 19.3 15.4 23.2



#36

1,1-Dichloropropene

Concen: 4.721 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.134 min

Lab File: VX034505.D

Acq: 15 Mar 2023 13:56

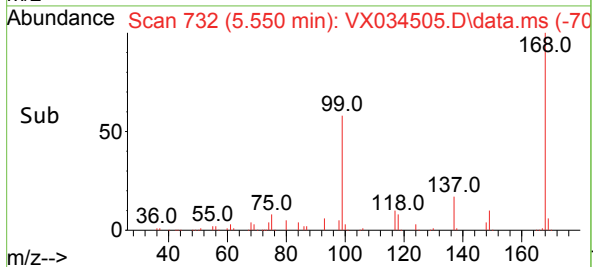
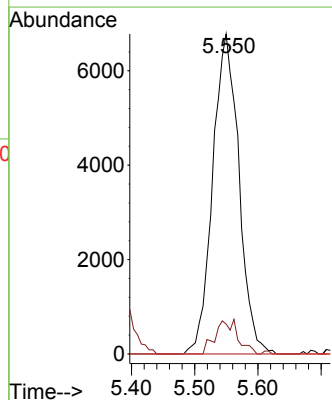
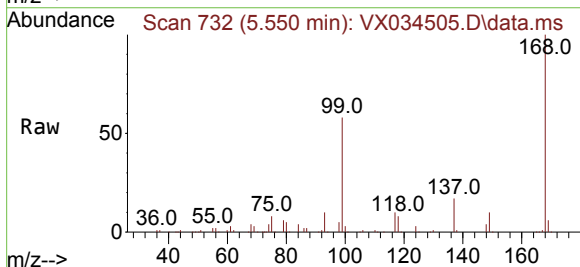
Tgt Ion: 75 Resp: 19489

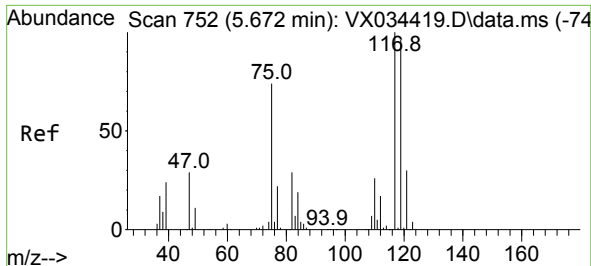
Ion Ratio Lower Upper

75 100

110 9.2 17.5 52.5#

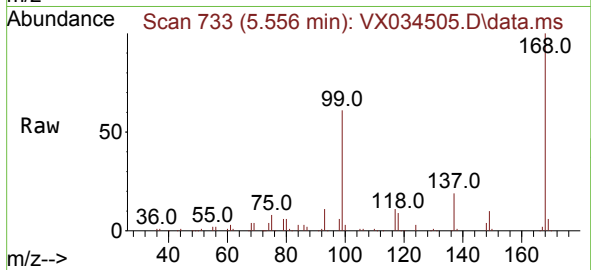
77 0.0 24.3 36.5#



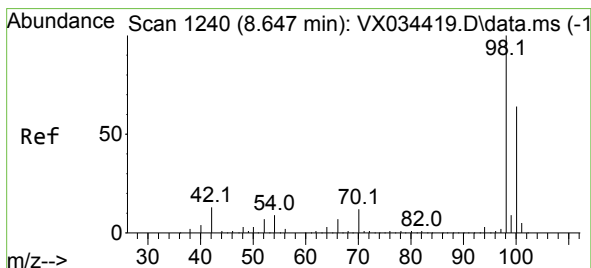
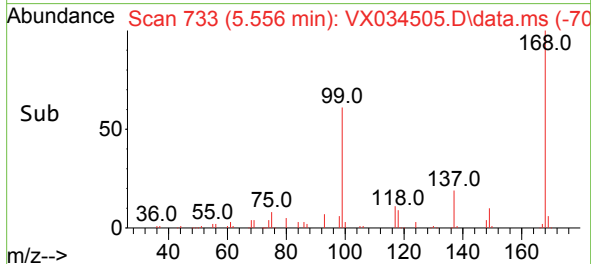
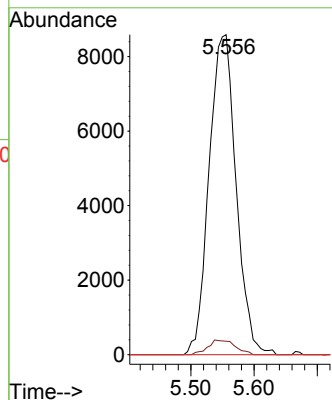


#38
Carbon Tetrachloride
Concen: 6.204 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.116 min
Lab File: VX034505.D
Acq: 15 Mar 2023 13:56

Instrument :
MSVOA_X
ClientSampleId :
VX0315WBL01

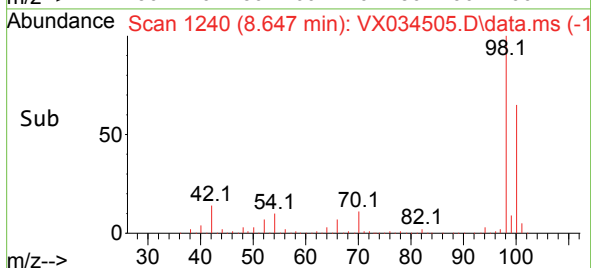
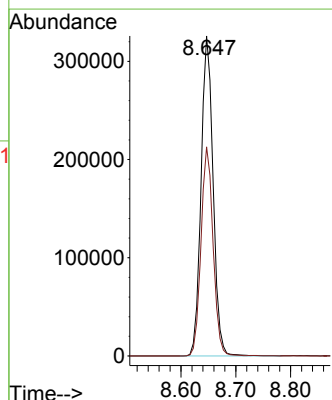
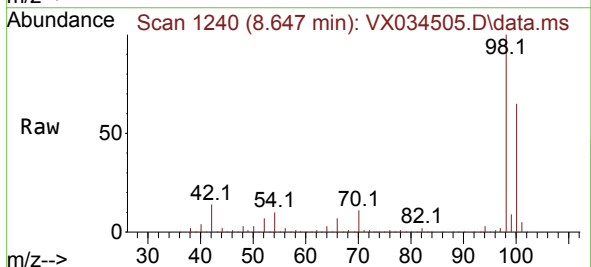


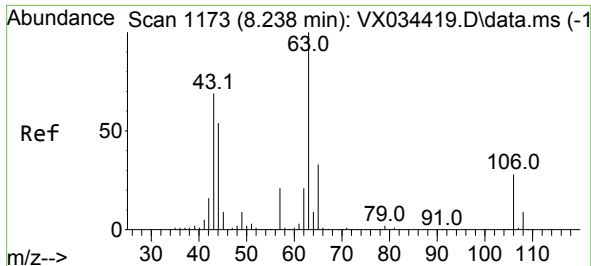
Tgt Ion:117 Resp: 25479
Ion Ratio Lower Upper
117 100
119 4.2 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 49.575 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034505.D
Acq: 15 Mar 2023 13:56

Tgt Ion: 98 Resp: 497425
Ion Ratio Lower Upper
98 100
100 65.4 52.5 78.7

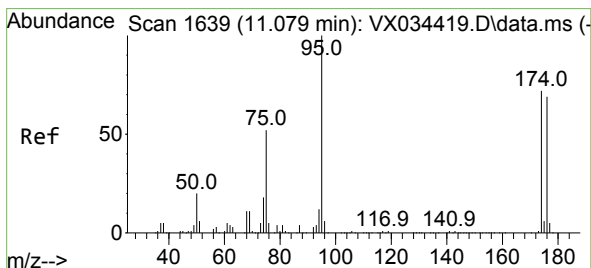
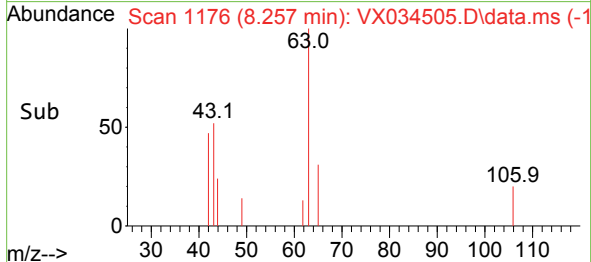
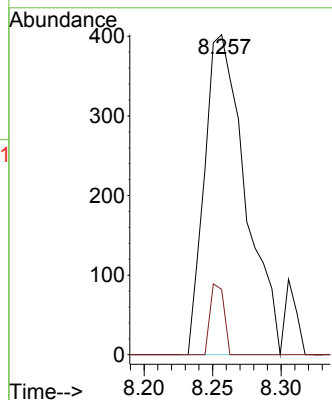
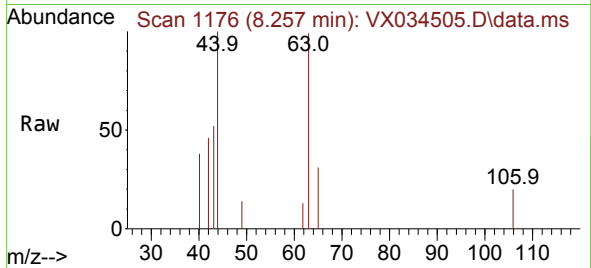




#58
2-Chloroethyl Vinyl ether
Concen: 0.332 ug/l
RT: 8.257 min Scan# 1176
Delta R.T. 0.018 min
Lab File: VX034505.D
Acq: 15 Mar 2023 13:56

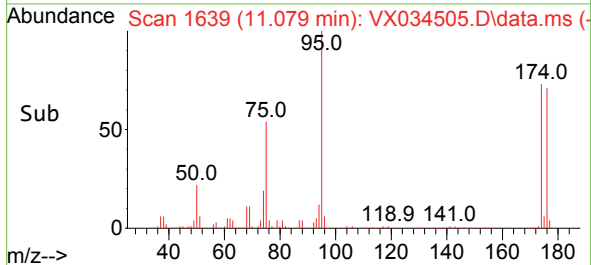
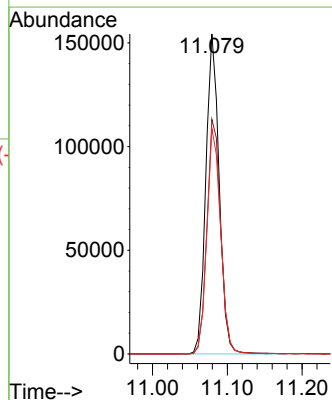
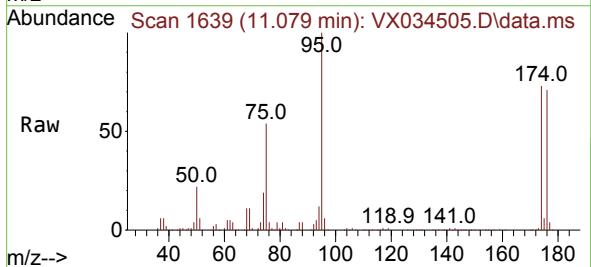
Instrument :
MSVOA_X
ClientSampleId :
VX0315WBL01

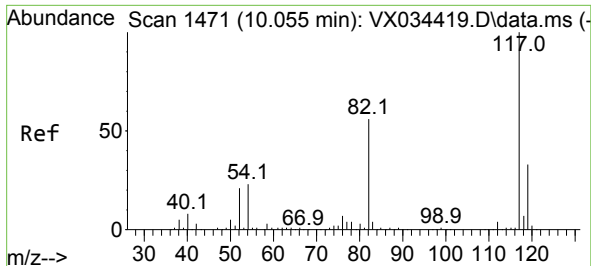
Tgt Ion: 63 Resp: 834
Ion Ratio Lower Upper
63 100
106 7.6 22.2 33.2#



#62
4-Bromofluorobenzene
Concen: 47.138 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034505.D
Acq: 15 Mar 2023 13:56

Tgt Ion: 95 Resp: 191044
Ion Ratio Lower Upper
95 100
174 75.6 0.0 147.4
176 72.9 0.0 140.6

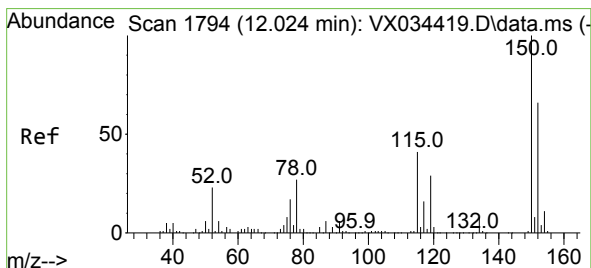
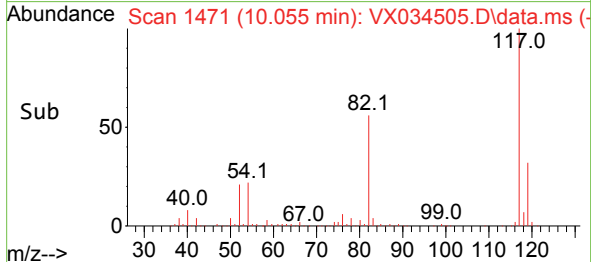
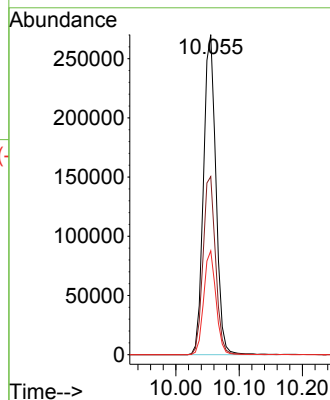
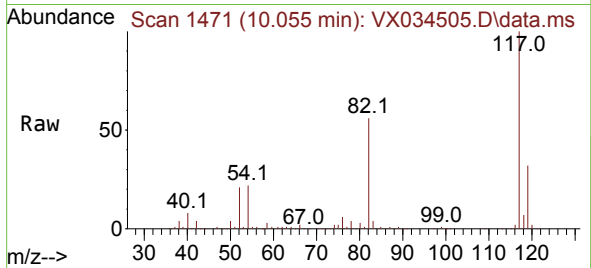




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034505.D
Acq: 15 Mar 2023 13:56

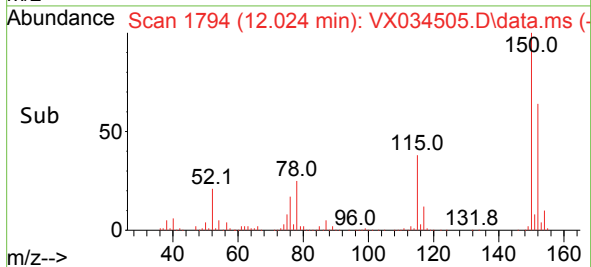
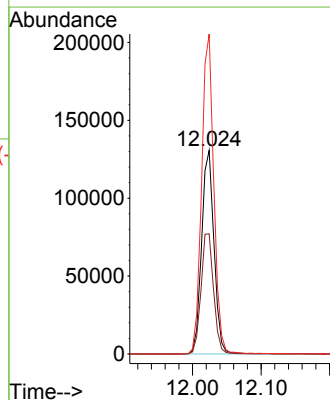
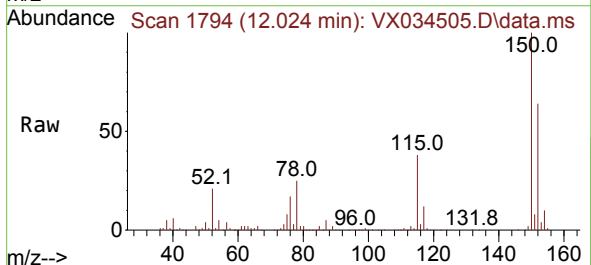
Instrument :
MSVOA_X
ClientSampleId :
VX0315WBL01

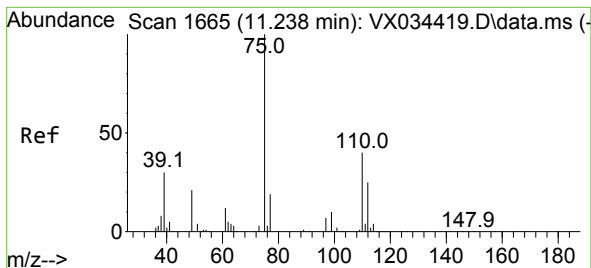
Tgt Ion:117 Resp: 369226
Ion Ratio Lower Upper
117 100
82 55.7 45.0 67.4
119 32.5 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034505.D
Acq: 15 Mar 2023 13:56

Tgt Ion:152 Resp: 164492
Ion Ratio Lower Upper
152 100
115 60.1 45.0 135.0
150 154.9 0.0 352.4

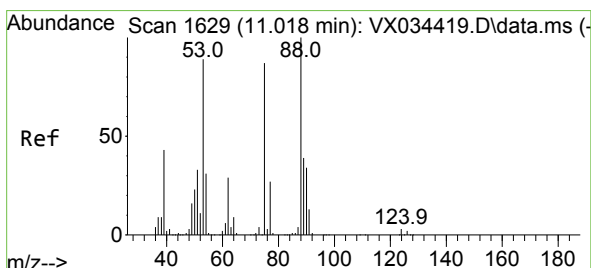
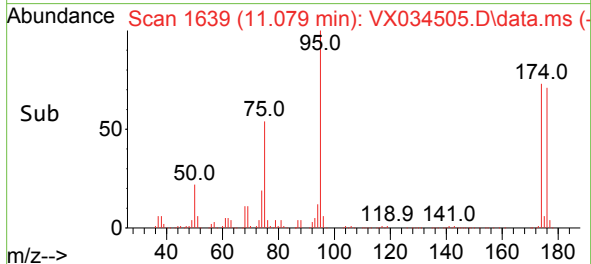
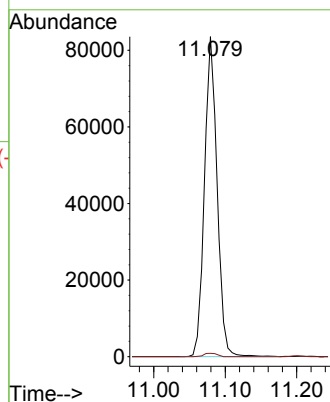
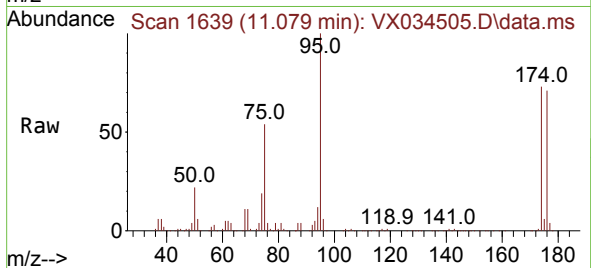




#76
1,2,3-Trichloropropane
Concen: 27.171 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX034505.D
Acq: 15 Mar 2023 13:56

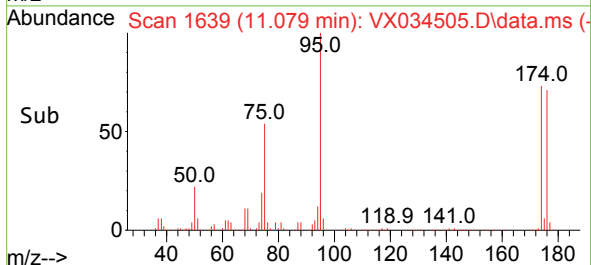
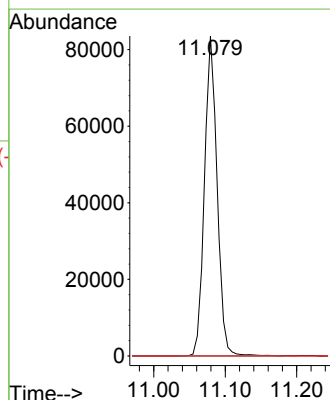
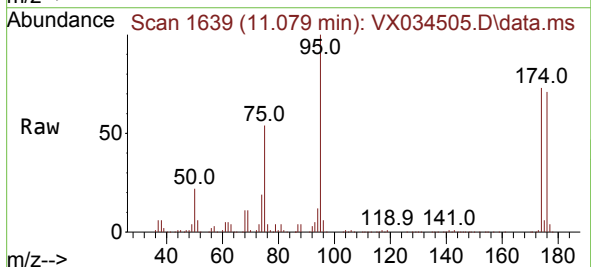
Instrument :
MSVOA_X
ClientSampleId :
VX0315WBL01

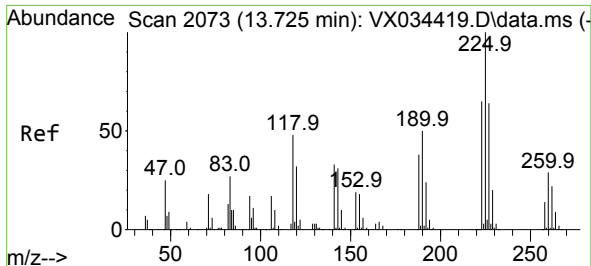
Tgt Ion: 75 Resp: 102623
Ion Ratio Lower Upper
75 100
77 1.1 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.506 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034505.D
Acq: 15 Mar 2023 13:56

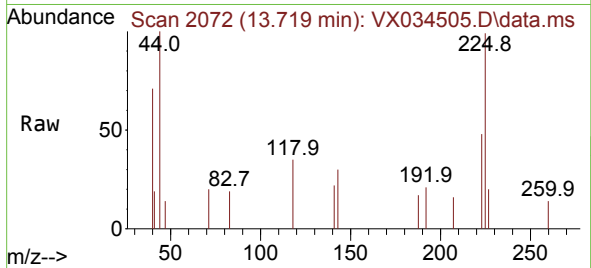
Tgt Ion: 75 Resp: 102623
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#





#94
 Hexachlorobutadiene
 Concen: 0.250 ug/l
 RT: 13.719 min Scan# 2072
 Delta R.T. -0.006 min
 Lab File: VX034505.D
 Acq: 15 Mar 2023 13:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBL01



Tgt Ion:	225	Resp:	364
Ion	Ratio	Lower	Upper
225	100		
223	72.5	32.1	96.5
227	43.7	31.8	95.4

