

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031423\
 Data File : VX034479.D
 Acq On : 15 Mar 2023 03:23
 Operator : JC/MD
 Sample : VX0314WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0314WBL02

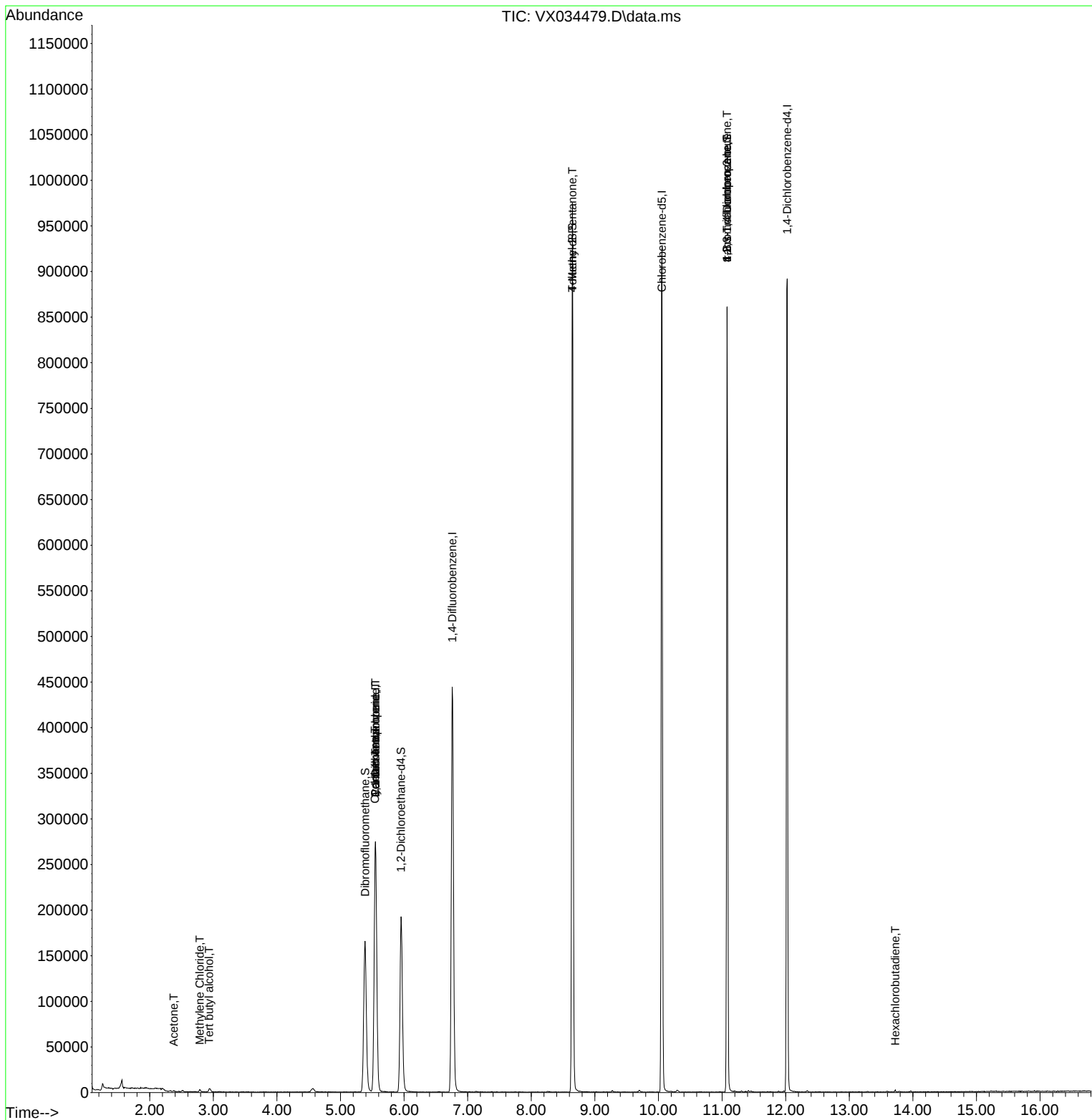
Quant Time: Mar 15 06:57:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

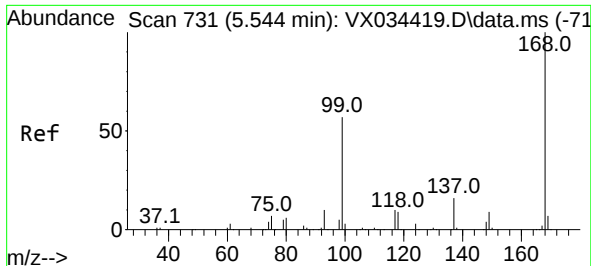
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	260104	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	455580	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	405999	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	187164	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	179574	47.456	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.920%
35) Dibromofluoromethane	5.385	113	142222	47.282	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.560%
50) Toluene-d8	8.647	98	550526	49.028	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.060%
62) 4-Bromofluorobenzene	11.079	95	216116	47.649	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.300%
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	266	Below Cal	#	42
11) Tert butyl alcohol	2.934	59	2272	2.883	ug/l #	73
16) Acetone	2.380	43	894	0.502	ug/l #	81
20) Methylene Chloride	2.788	84	1023	0.296	ug/l #	76
31) Cyclohexane	5.544	56	6004	1.131	ug/l #	5
36) 1,1-Dichloropropene	5.550	75	21079	4.563	ug/l #	51
38) Carbon Tetrachloride	5.550	117	26694	5.808	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	2693	0.543	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	112577	26.196	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	112577	70.868	ug/l #	8
94) Hexachlorobutadiene	13.725	225	409	0.247	ug/l	83

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

Quant Time: Mar 15 06:57:44 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

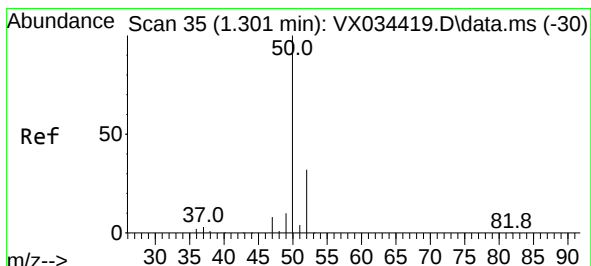
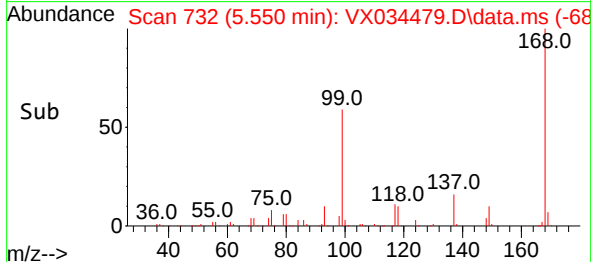
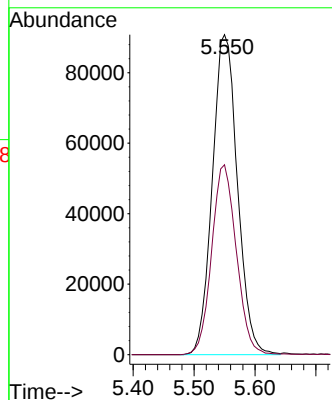
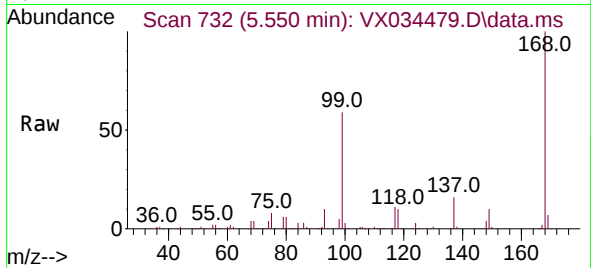




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034479.D
Acq: 15 Mar 2023 03:23

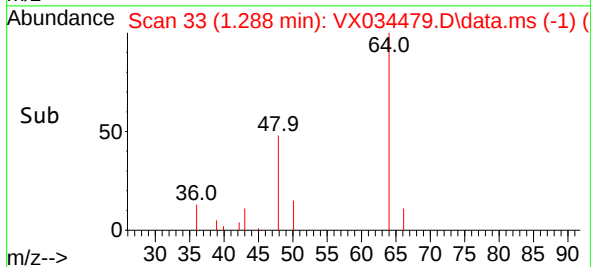
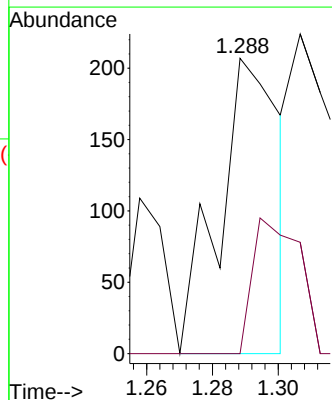
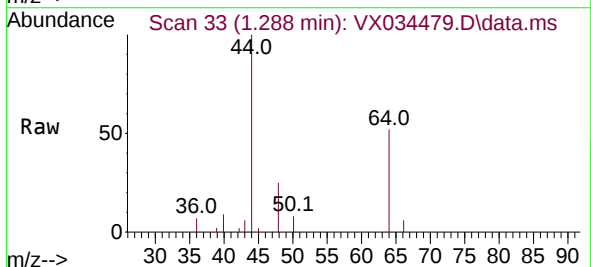
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBL02

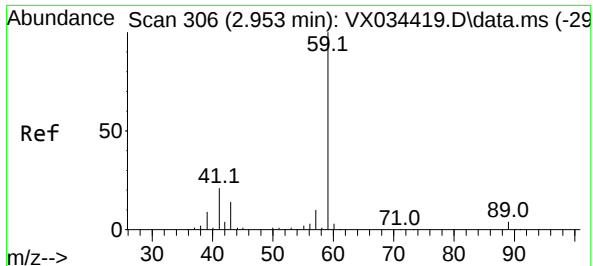
Tgt Ion:168 Resp: 260104
Ion Ratio Lower Upper
168 100
99 59.3 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. -0.013 min
Lab File: VX034479.D
Acq: 15 Mar 2023 03:23

Tgt Ion: 50 Resp: 266
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#





#11

Tert butyl alcohol

Concen: 2.883 ug/l

RT: 2.934 min Scan# 306

Delta R.T. -0.018 min

Lab File: VX034479.D

Acq: 15 Mar 2023 03:23

Instrument :

MSVOA_X

ClientSampleId :

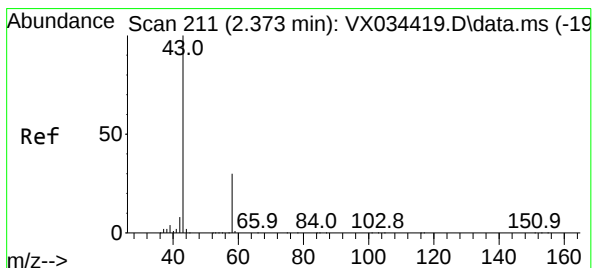
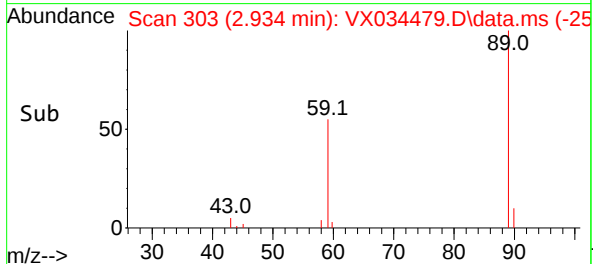
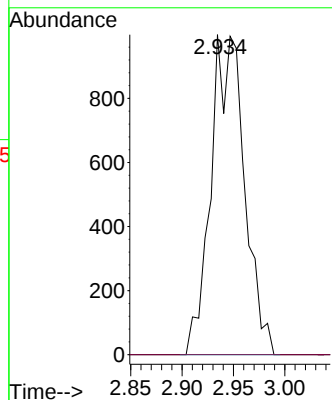
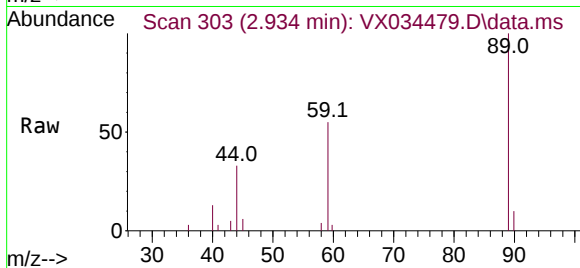
VX0314WBL02

Tgt Ion: 59 Resp: 2272

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



#16

Acetone

Concen: 0.502 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.006 min

Lab File: VX034479.D

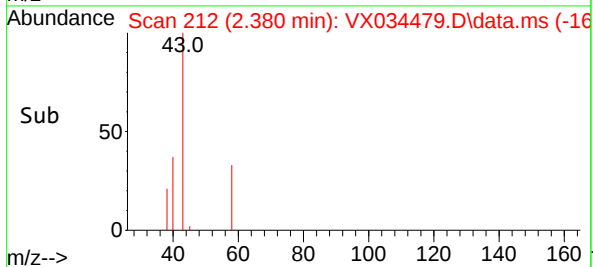
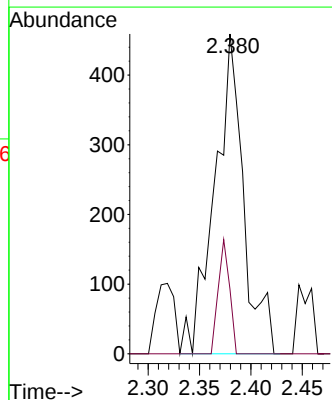
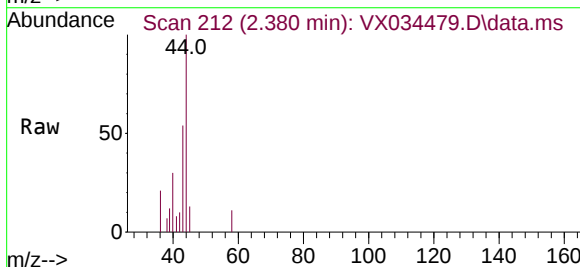
Acq: 15 Mar 2023 03:23

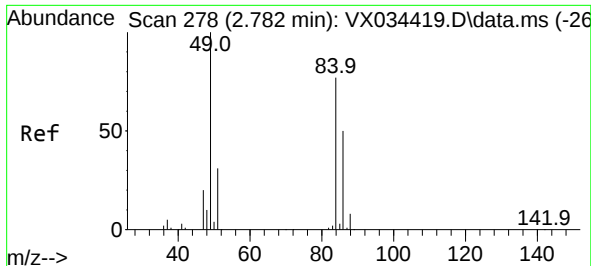
Tgt Ion: 43 Resp: 894

Ion Ratio Lower Upper

43 100

58 20.3 24.7 37.1#

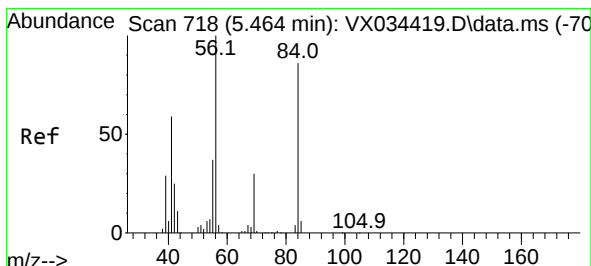
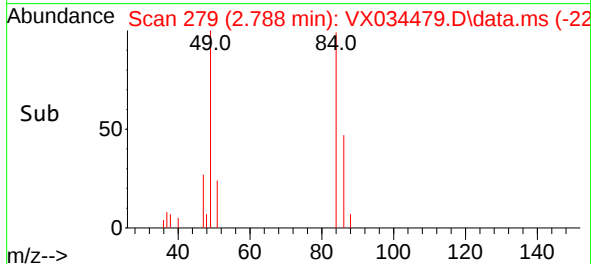
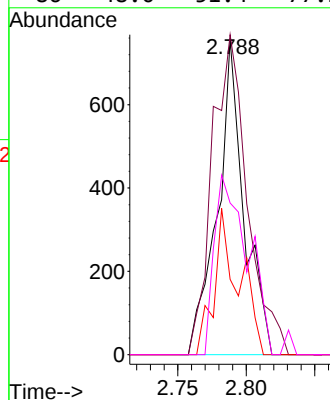
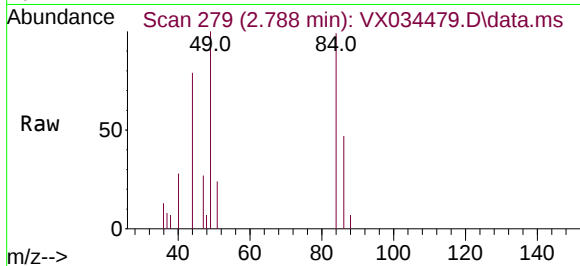




#20
Methylene Chloride
Concen: 0.296 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX034479.D
Acq: 15 Mar 2023 03:23

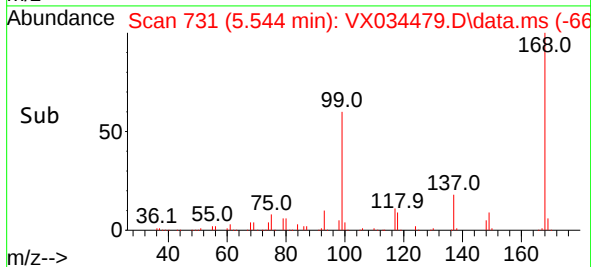
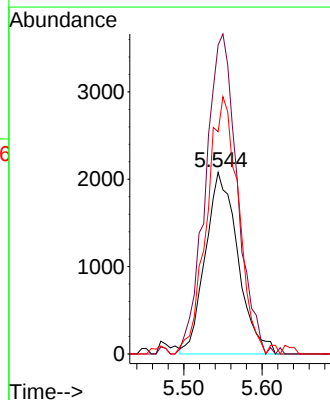
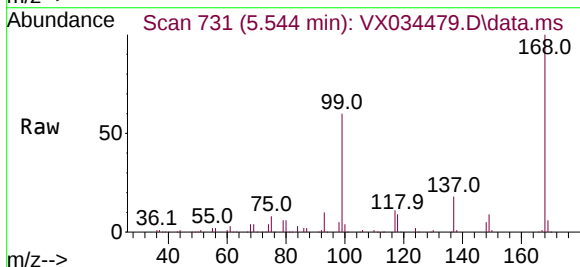
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBL02

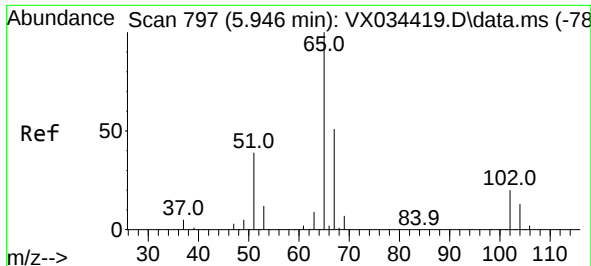
Tgt Ion:	84	Resp:	1023
Ion	Ratio	Lower	Upper
84	100		
49	101.3	103.8	155.8#
51	23.9	31.8	47.8#
86	48.0	51.4	77.2#



#31
Cyclohexane
Concen: 1.131 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX034479.D
Acq: 15 Mar 2023 03:23

Tgt Ion:	56	Resp:	6004
Ion	Ratio	Lower	Upper
56	100		
69	167.4	23.7	35.5#
84	122.3	68.5	102.7#

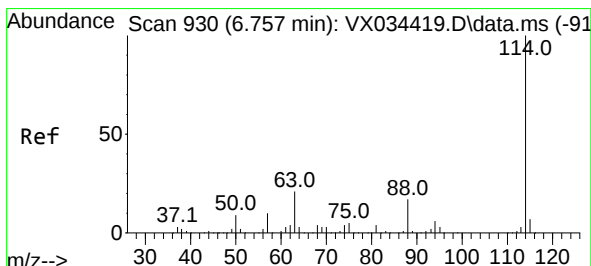
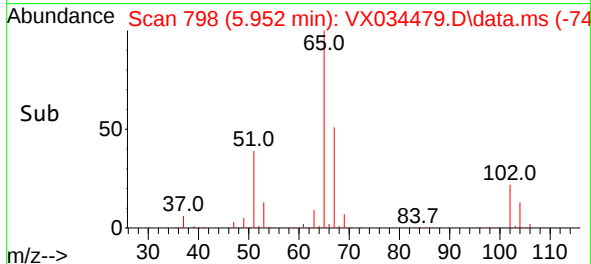
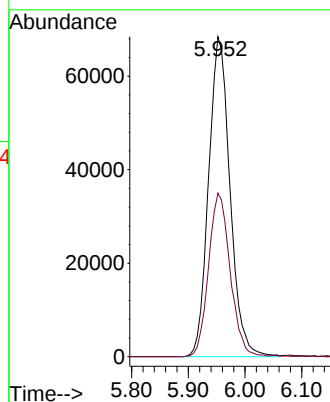
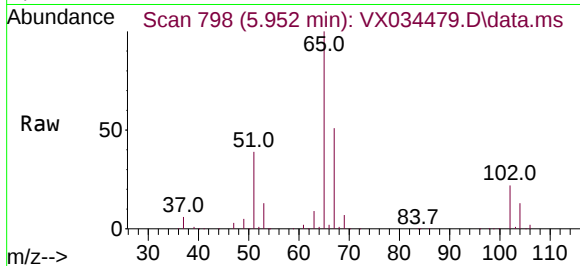




#33
 1,2-Dichloroethane-d4
 Concen: 47.456 ug/l
 RT: 5.952 min Scan# 797
 Delta R.T. 0.006 min
 Lab File: VX034479.D
 Acq: 15 Mar 2023 03:23

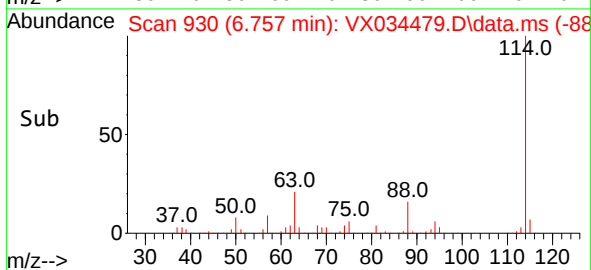
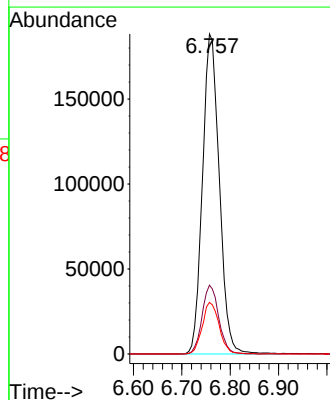
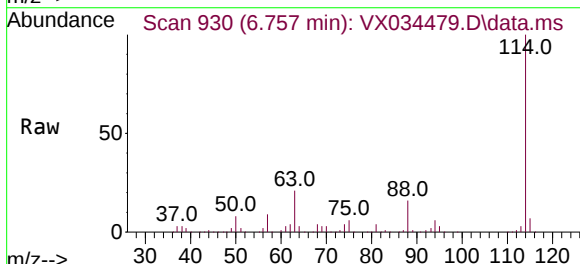
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0314WBL02

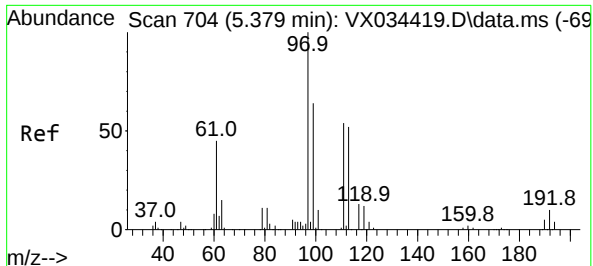
Tgt Ion: 65 Resp: 179574
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX034479.D
 Acq: 15 Mar 2023 03:23

Tgt Ion: 114 Resp: 455580
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 42.2
 88 16.1 0.0 33.2





#35

Dibromofluoromethane

Concen: 47.282 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX034479.D

Acq: 15 Mar 2023 03:23

Instrument :

MSVOA_X

ClientSampleId :

VX0314WBL02

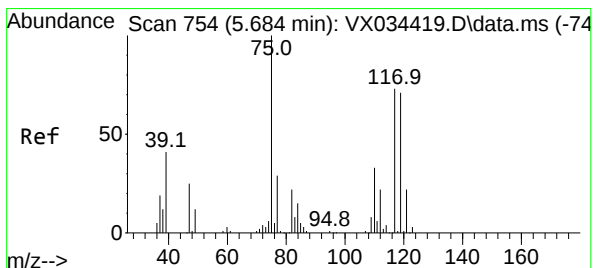
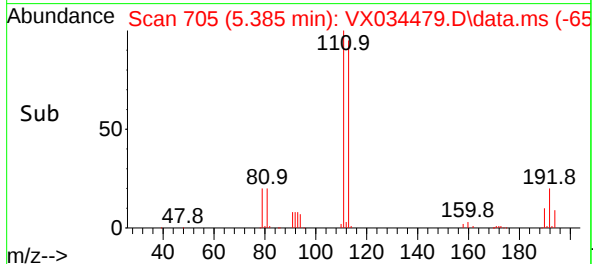
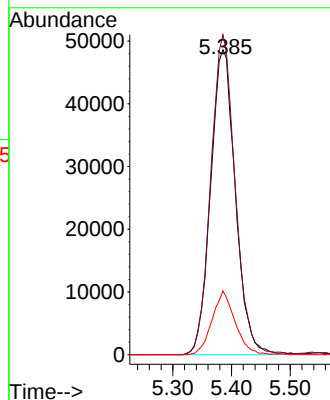
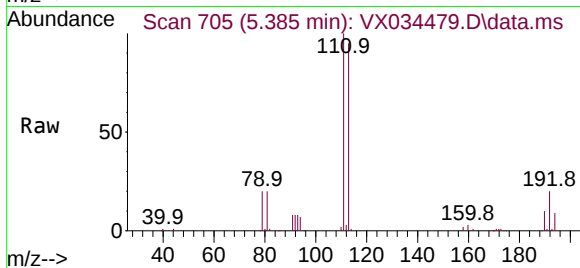
Tgt Ion:113 Resp: 142222

Ion Ratio Lower Upper

113 100

111 103.4 83.7 125.5

192 19.5 15.4 23.2



#36

1,1-Dichloropropene

Concen: 4.563 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.134 min

Lab File: VX034479.D

Acq: 15 Mar 2023 03:23

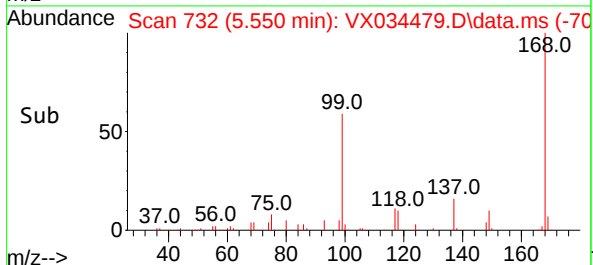
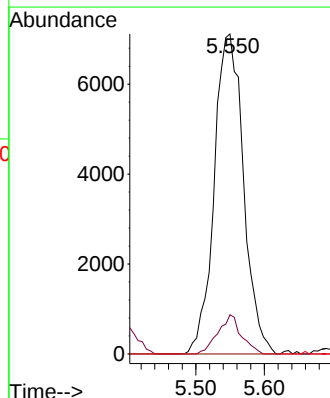
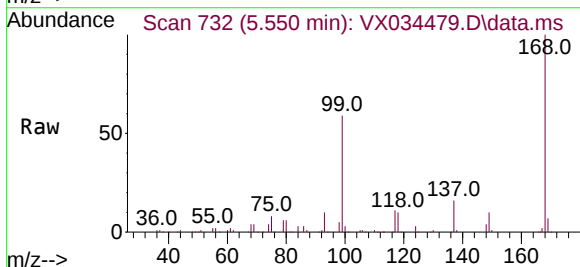
Tgt Ion: 75 Resp: 21079

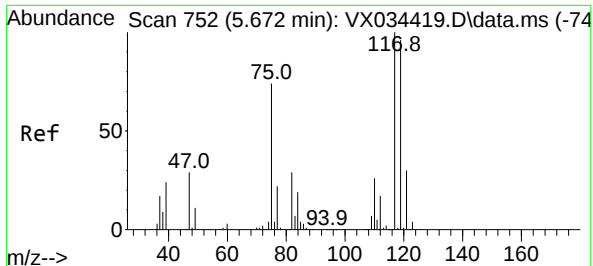
Ion Ratio Lower Upper

75 100

110 9.8 17.5 52.5#

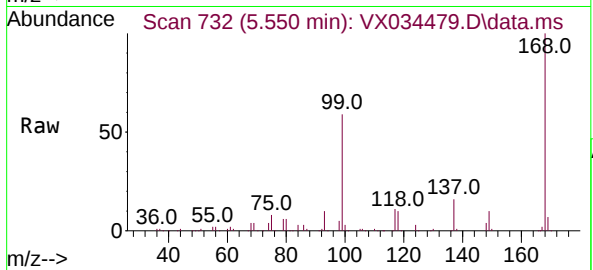
77 0.0 24.3 36.5#



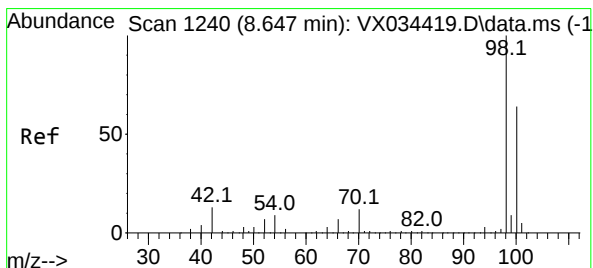
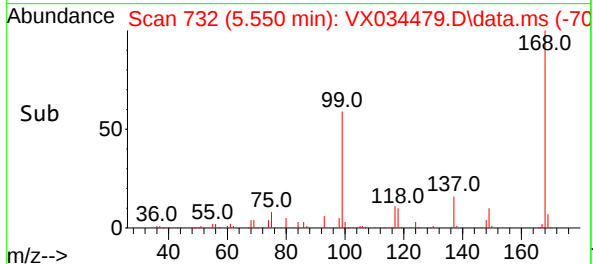
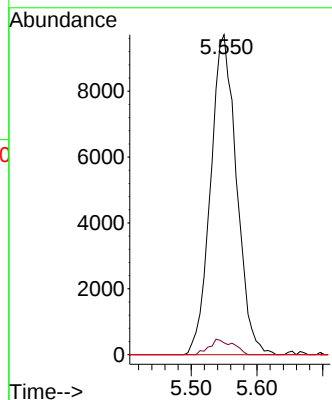


#38
Carbon Tetrachloride
Concen: 5.808 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX034479.D
Acq: 15 Mar 2023 03:23

Instrument :
MSVOA_X
ClientSampleId :
VX0314WBL02

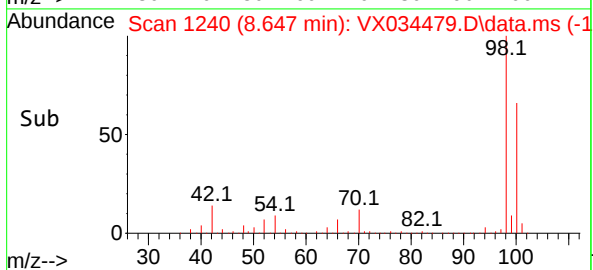
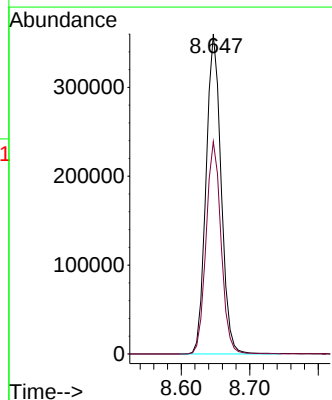
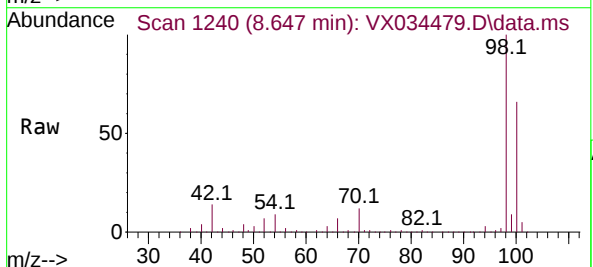


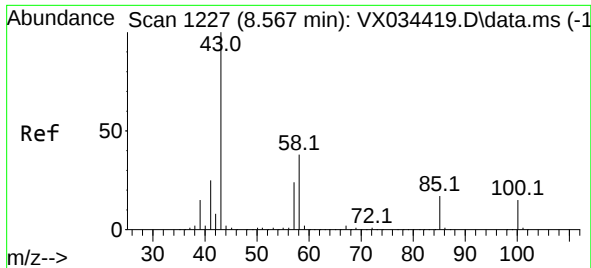
Tgt Ion:117 Resp: 26694
Ion Ratio Lower Upper
117 100
119 3.7 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 49.028 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034479.D
Acq: 15 Mar 2023 03:23

Tgt Ion: 98 Resp: 550526
Ion Ratio Lower Upper
98 100
100 66.0 52.5 78.7

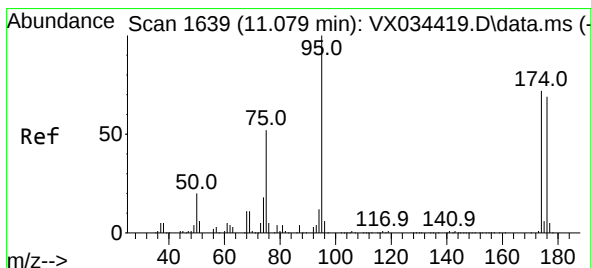
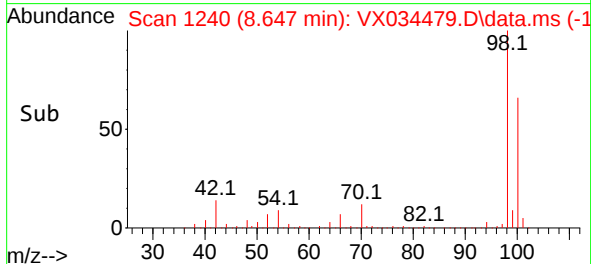
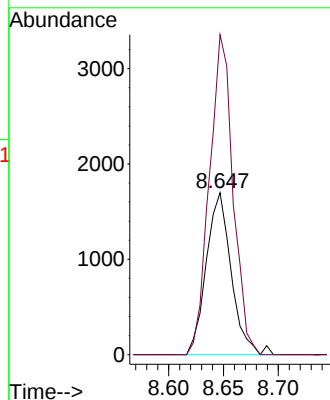
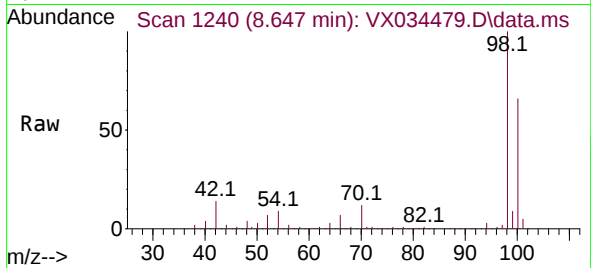




#51
4-Methyl-2-Pentanone
Concen: 0.543 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX034479.D
Acq: 15 Mar 2023 03:23

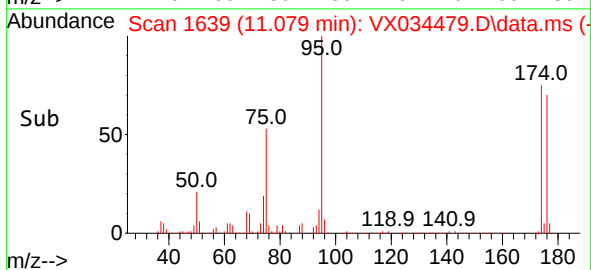
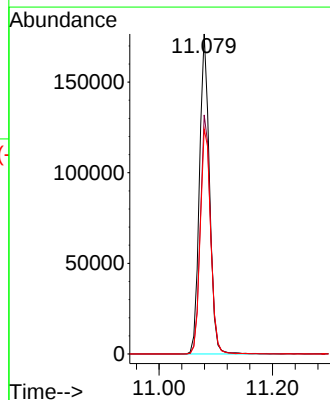
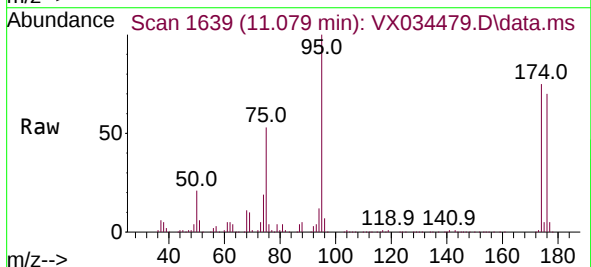
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBL02

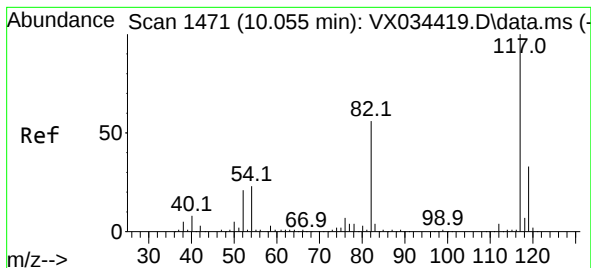
Tgt Ion: 43 Resp: 2693
Ion Ratio Lower Upper
43 100
58 186.9 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 47.649 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034479.D
Acq: 15 Mar 2023 03:23

Tgt Ion: 95 Resp: 216116
Ion Ratio Lower Upper
95 100
174 76.4 0.0 147.4
176 73.4 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: VX034479.D

Acq: 15 Mar 2023 03:23

Instrument :

MSVOA_X

ClientSampleId :

VX0314WBL02

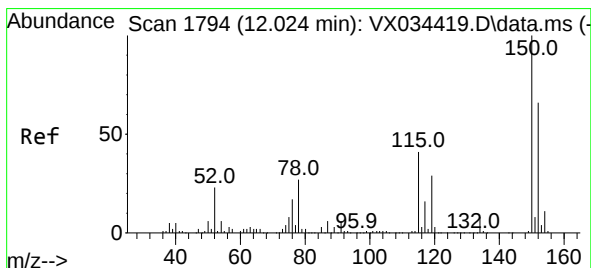
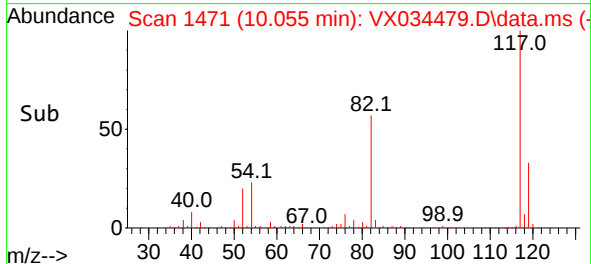
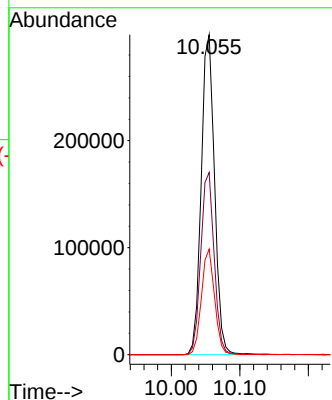
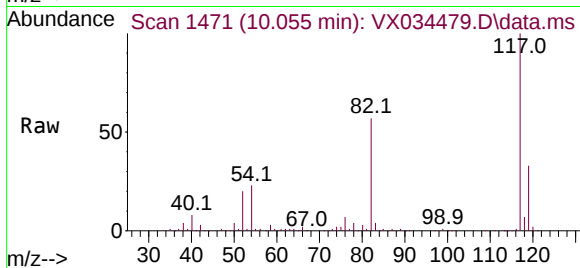
Tgt Ion:117 Resp: 405999

Ion Ratio Lower Upper

117 100

82 57.0 45.0 67.4

119 33.0 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: VX034479.D

Acq: 15 Mar 2023 03:23

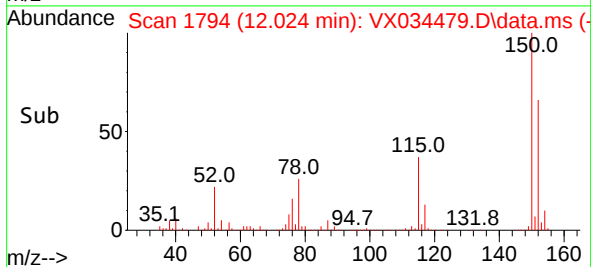
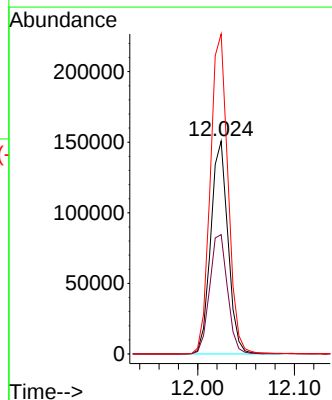
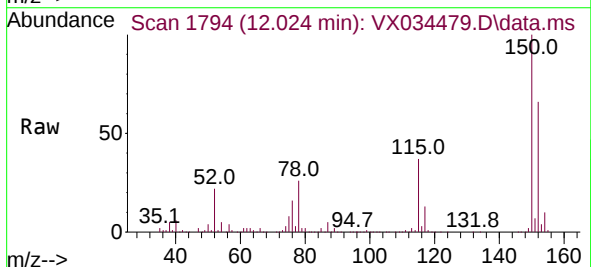
Tgt Ion:152 Resp: 187164

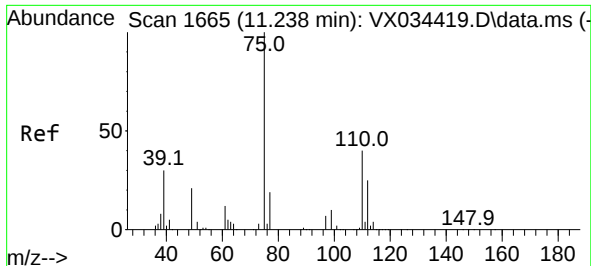
Ion Ratio Lower Upper

152 100

115 58.4 45.0 135.0

150 154.9 0.0 352.4

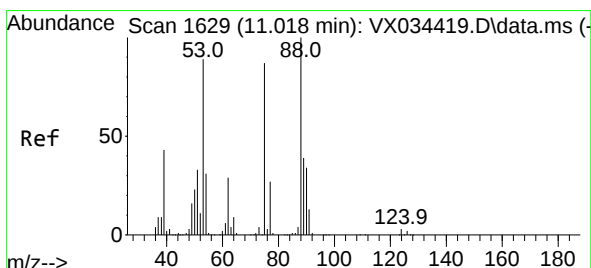
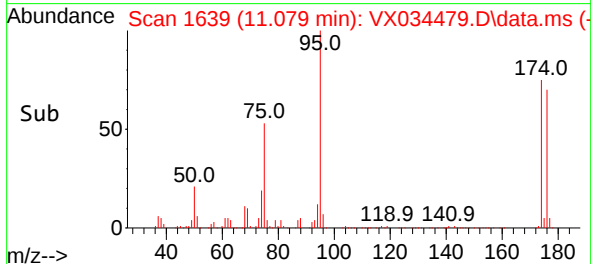
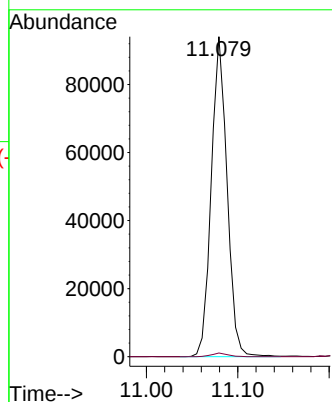
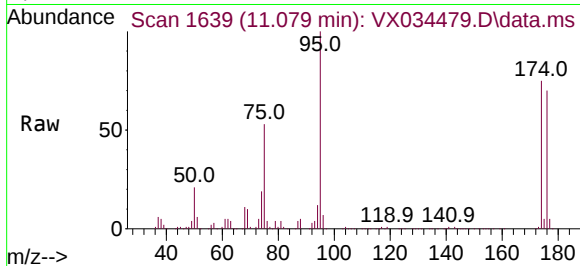




#76
1,2,3-Trichloropropane
Concen: 26.196 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX034479.D
Acq: 15 Mar 2023 03:23

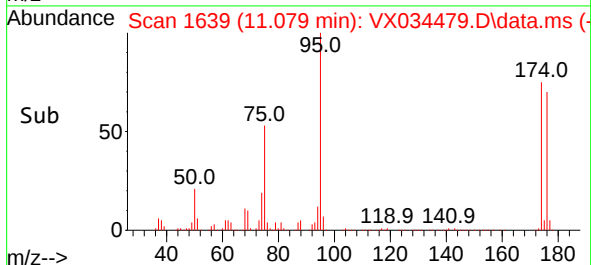
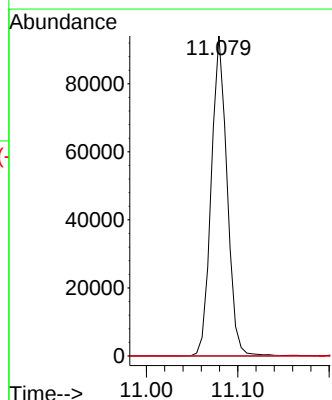
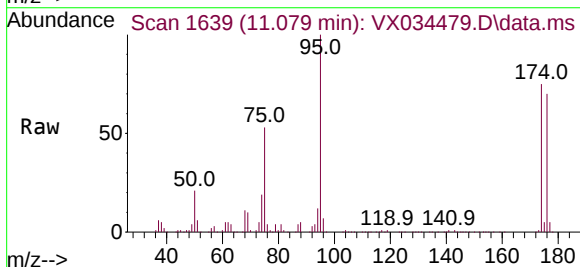
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBL02

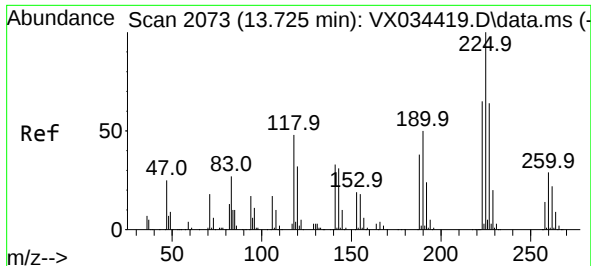
Tgt Ion: 75 Resp: 112577
Ion Ratio Lower Upper
75 100
77 1.2 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.868 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034479.D
Acq: 15 Mar 2023 03:23

Tgt Ion: 75 Resp: 112577
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#





#94

Hexachlorobutadiene

Concen: 0.247 ug/l

RT: 13.725 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX034479.D

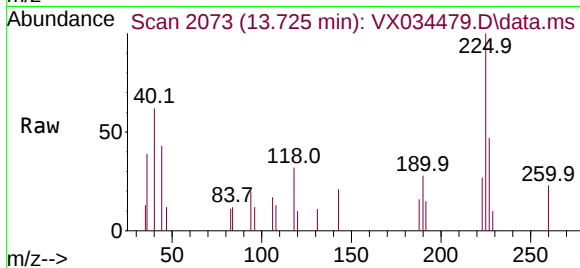
Acq: 15 Mar 2023 03:23

Instrument :

MSVOA_X

ClientSampleId :

VX0314WBL02



Tgt Ion:	225	Resp:	409
Ion	Ratio	Lower	Upper
225	100		
223	42.5	32.1	96.5
227	68.0	31.8	95.4

