

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081623\
 Data File : VX037016.D
 Acq On : 16 Aug 2023 14:35
 Operator : JC/MD
 Sample : 04024-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT15811-20230815

Quant Time: Aug 17 04:15:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

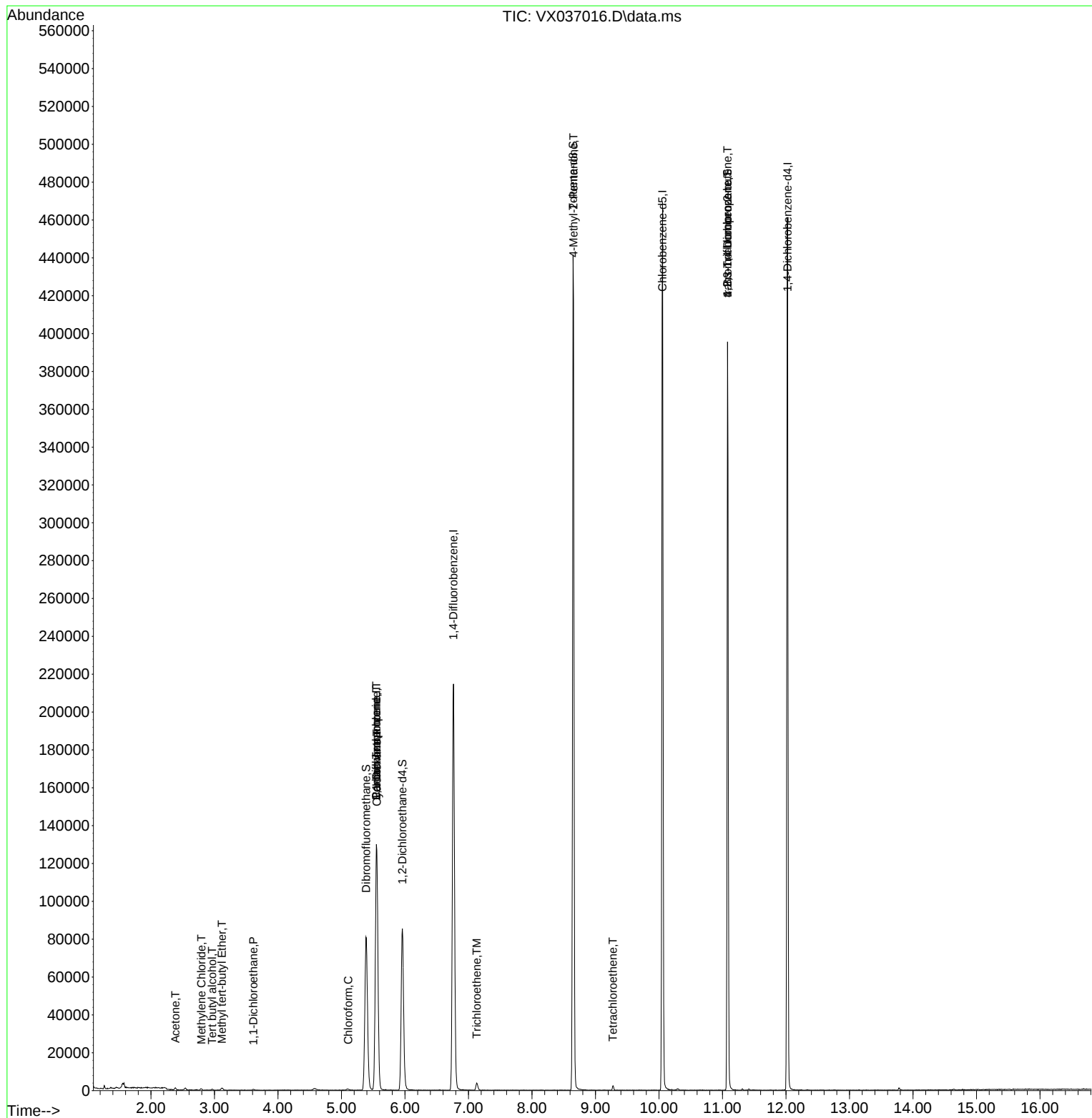
Internal Standards						
1) Pentafluorobenzene	5.550	168	119830	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	221346	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	210630	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96777	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85555	48.253	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.500%
35) Dibromofluoromethane	5.385	113	71782	47.181	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.360%
50) Toluene-d8	8.647	98	265068	49.130	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.260%
62) 4-Bromofluorobenzene	11.079	95	106981	52.557	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.120%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.965	59	628	1.496	ug/l #	78
16) Acetone	2.386	43	1263	1.717	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	1428	0.283	ug/l #	85
20) Methylene Chloride	2.794	84	469	0.287	ug/l #	76
24) 1,1-Dichloroethane	3.611	63	625	0.222	ug/l #	83
30) Chloroform	5.105	83	891	0.310	ug/l #	73
31) Cyclohexane	5.556	56	2642	1.076	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	9977	4.400	ug/l #	51
38) Carbon Tetrachloride	5.550	117	13128	5.445	ug/l #	15
44) Trichloroethene	7.129	130	1632	0.946	ug/l	100
51) 4-Methyl-2-Pentanone	8.653	43	1070	0.438	ug/l #	1
64) Tetrachloroethene	9.275	164	315	0.201	ug/l #	87
76) 1,2,3-Trichloropropane	11.079	75	56405	24.779	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	56405	56.164	ug/l #	5

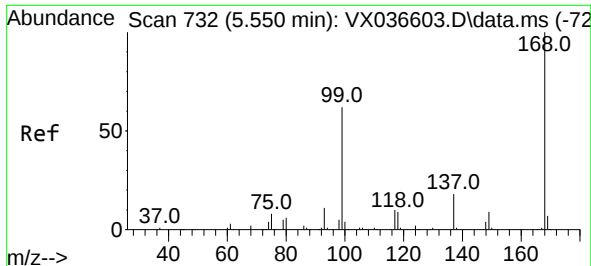
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081623\
Data File : VX037016.D
Acq On : 16 Aug 2023 14:35
Operator : JC/MD
Sample : 04024-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TT15811-20230815

Quant Time: Aug 17 04:15:16 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration

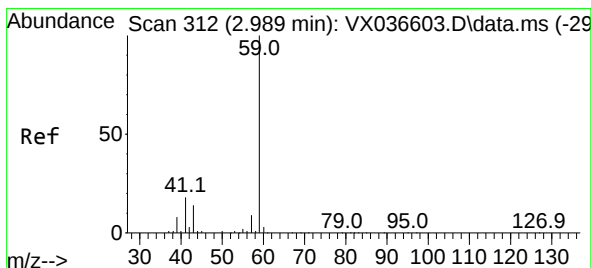
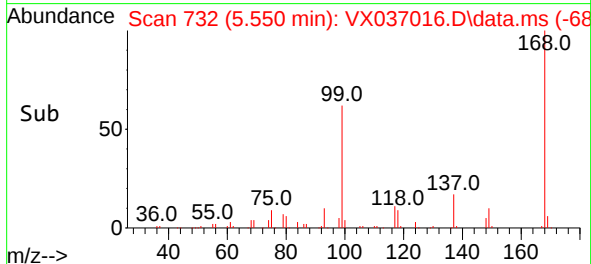
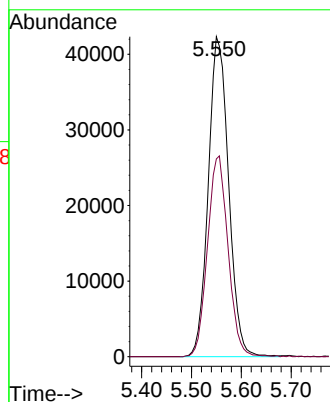
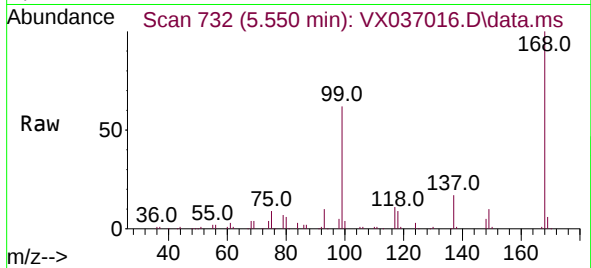




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037016.D
Acq: 16 Aug 2023 14:35

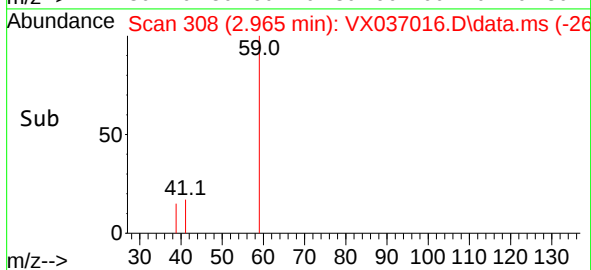
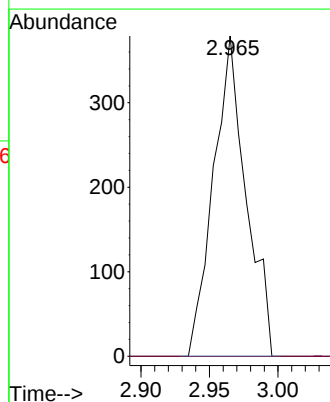
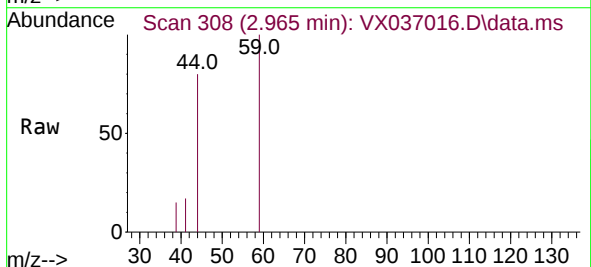
Instrument :
MSVOA_X
ClientSampleId :
TT15811-20230815

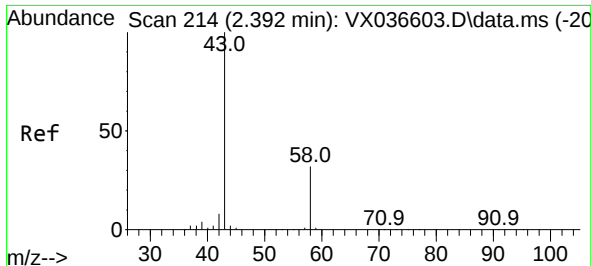
Tgt Ion:168 Resp: 119830
Ion Ratio Lower Upper
168 100
99 61.8 56.6 85.0



#11
Tert butyl alcohol
Concen: 1.496 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.024 min
Lab File: VX037016.D
Acq: 16 Aug 2023 14:35

Tgt Ion: 59 Resp: 628
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

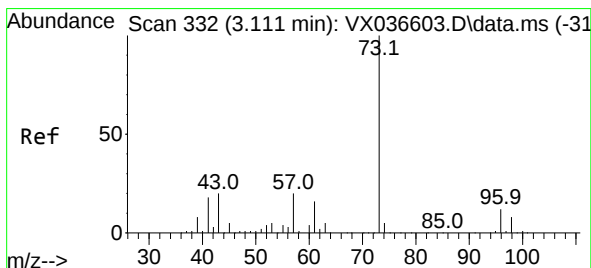
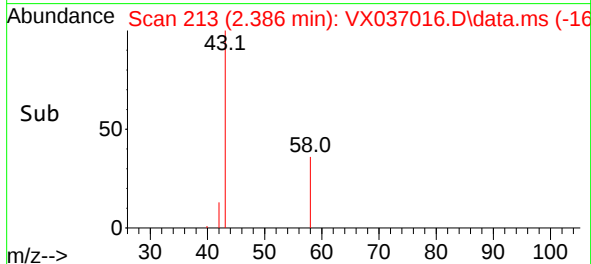
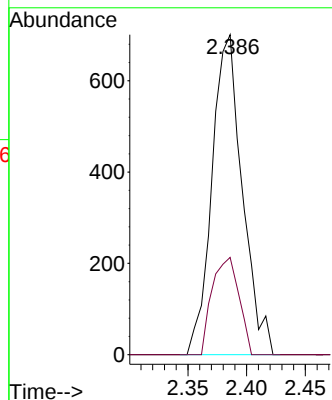
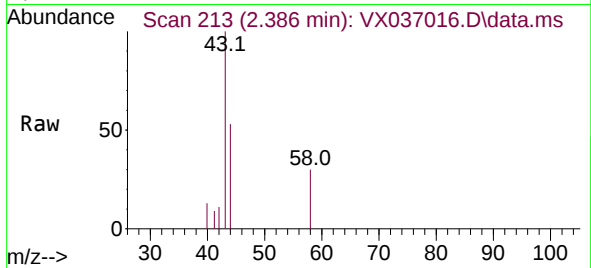




#16
Acetone
Concen: 1.717 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX037016.D
Acq: 16 Aug 2023 14:35

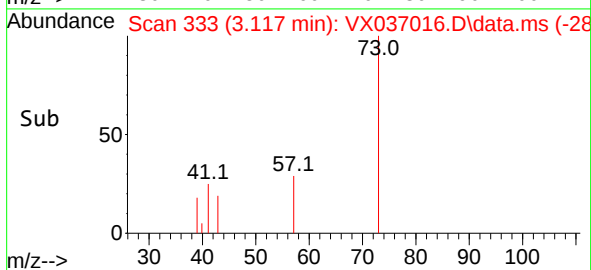
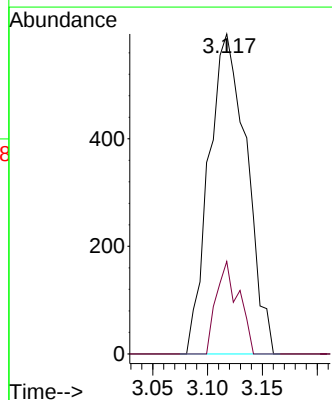
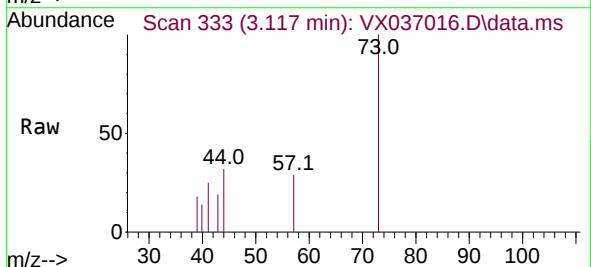
Instrument :
MSVOA_X
ClientSampleId :
TT15811-20230815

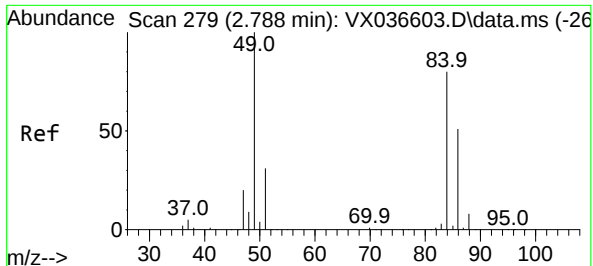
Tgt Ion: 43 Resp: 1263
Ion Ratio Lower Upper
43 100
58 30.4 21.9 32.9



#19
Methyl tert-butyl Ether
Concen: 0.283 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX037016.D
Acq: 16 Aug 2023 14:35

Tgt Ion: 73 Resp: 1428
Ion Ratio Lower Upper
73 100
57 28.9 17.3 25.9#



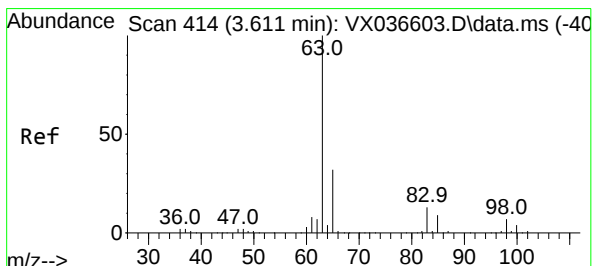
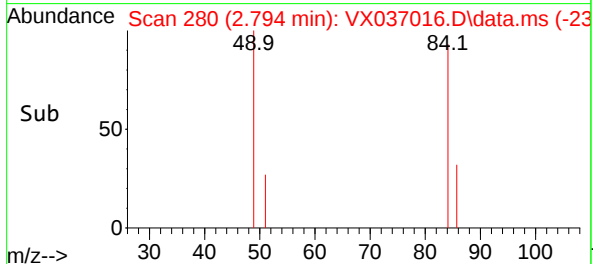
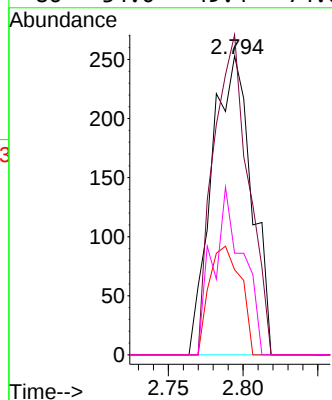
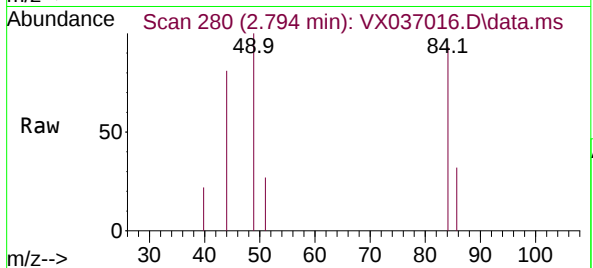


#20
Methylene Chloride
Concen: 0.287 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX037016.D
Acq: 16 Aug 2023 14:35

Instrument :
MSVOA_X
ClientSampleId :
TT15811-20230815

Tgt Ion: 84 Resp: 469

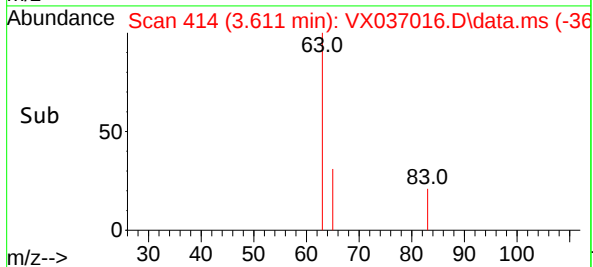
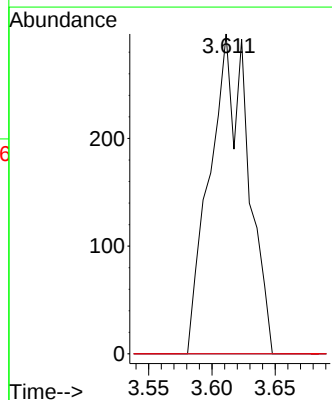
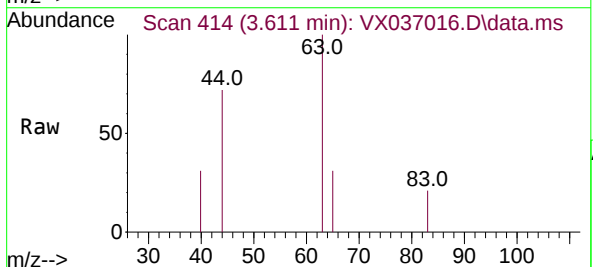
Ion	Ratio	Lower	Upper
84	100		
49	107.1	103.6	155.4
51	28.5	33.8	50.6#
86	34.0	49.4	74.0#

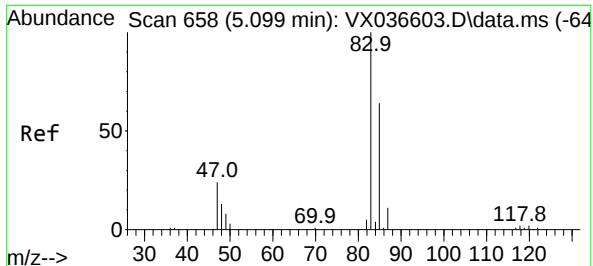


#24
1,1-Dichloroethane
Concen: 0.222 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX037016.D
Acq: 16 Aug 2023 14:35

Tgt Ion: 63 Resp: 625

Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.3	9.8#
100	0.0	2.1	6.5#





#30

Chloroform

Concen: 0.310 ug/l

RT: 5.105 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX037016.D

Acq: 16 Aug 2023 14:35

Instrument :

MSVOA_X

ClientSampleId :

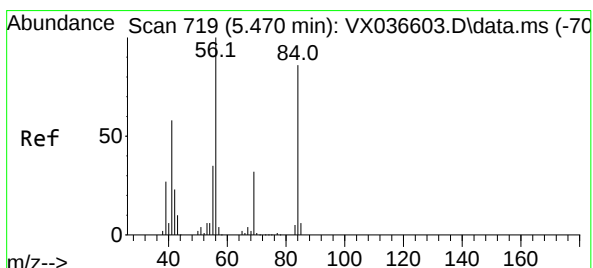
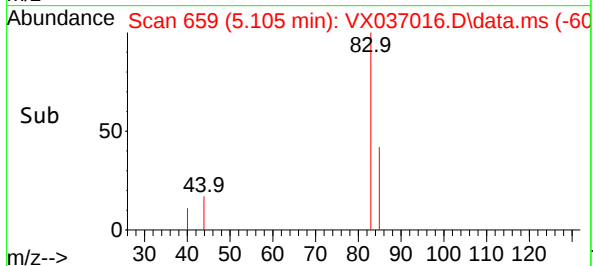
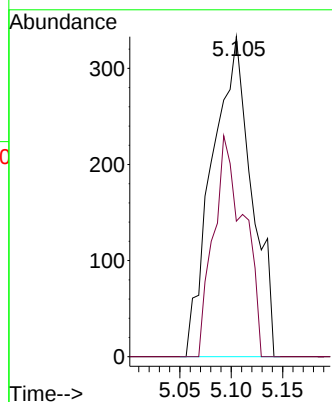
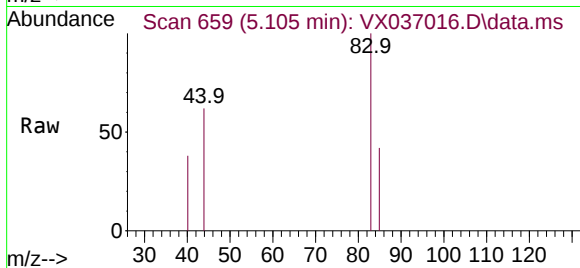
TT15811-20230815

Tgt Ion: 83 Resp: 891

Ion Ratio Lower Upper

83 100

85 42.3 50.3 75.5#



#31

Cyclohexane

Concen: 1.076 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.086 min

Lab File: VX037016.D

Acq: 16 Aug 2023 14:35

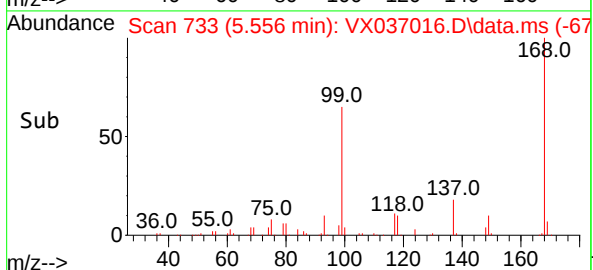
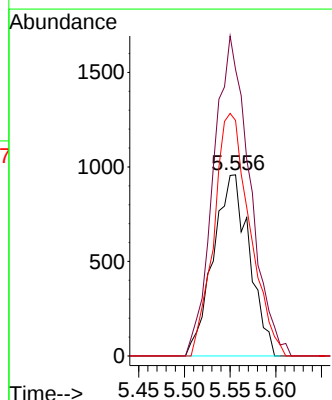
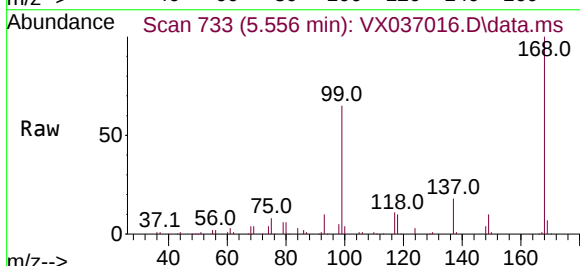
Tgt Ion: 56 Resp: 2642

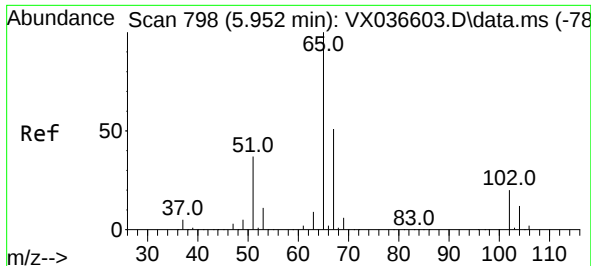
Ion Ratio Lower Upper

56 100

69 158.1 23.4 35.2#

84 130.1 65.9 98.9#

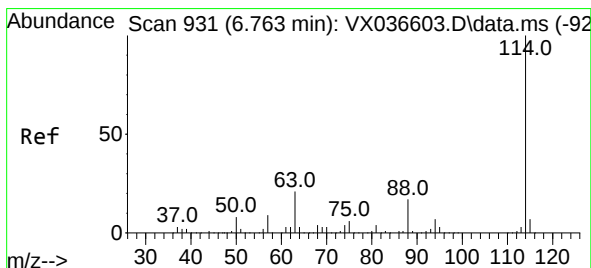
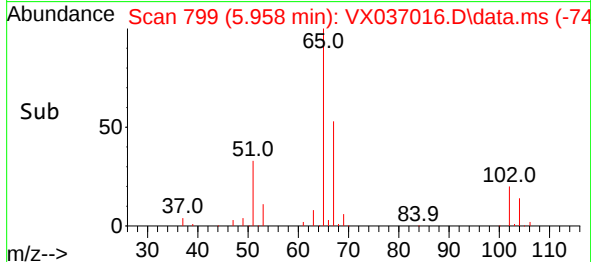
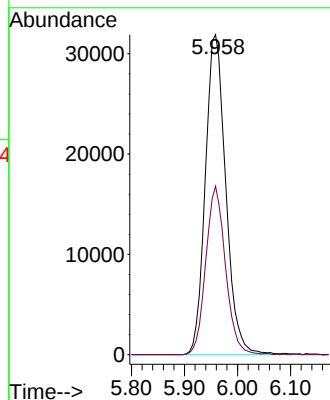
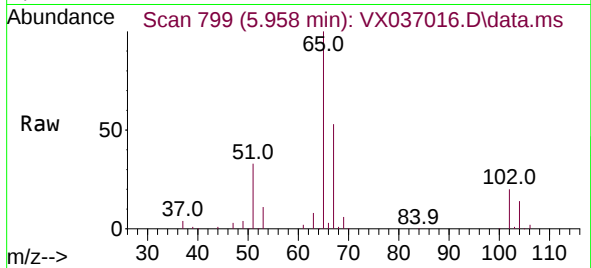




#33
1,2-Dichloroethane-d4
Concen: 48.253 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX037016.D
Acq: 16 Aug 2023 14:35

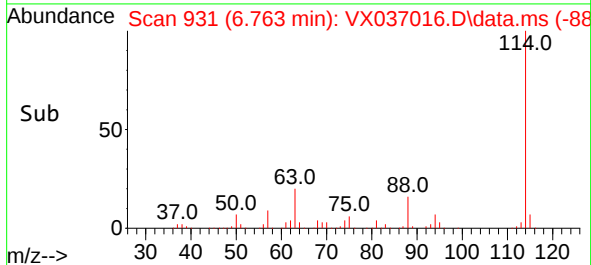
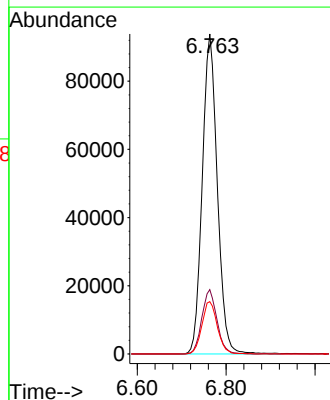
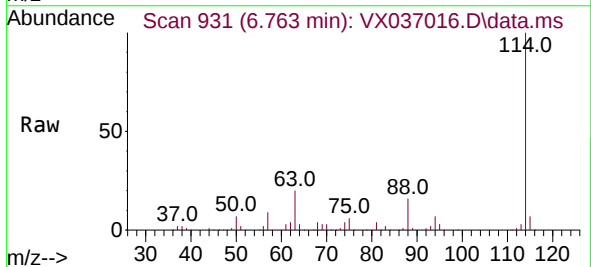
Instrument :
MSVOA_X
ClientSampleId :
TT15811-20230815

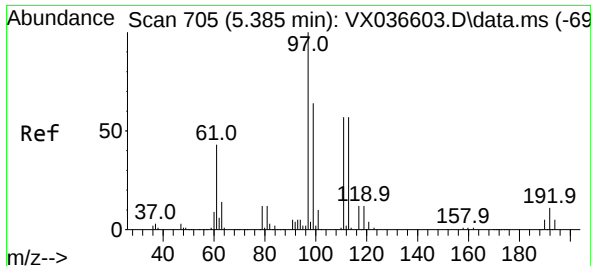
Tgt Ion: 65 Resp: 85555
Ion Ratio Lower Upper
65 100
67 50.8 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX037016.D
Acq: 16 Aug 2023 14:35

Tgt Ion: 114 Resp: 221346
Ion Ratio Lower Upper
114 100
63 20.1 0.0 45.0
88 16.4 0.0 36.6

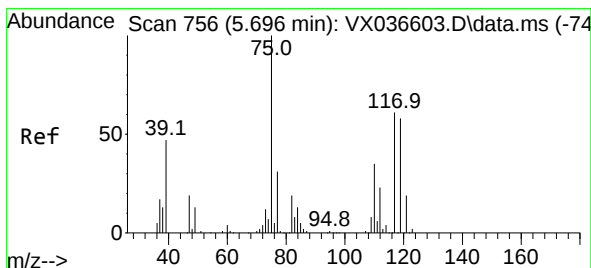
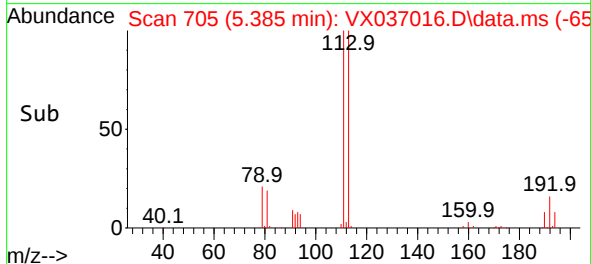
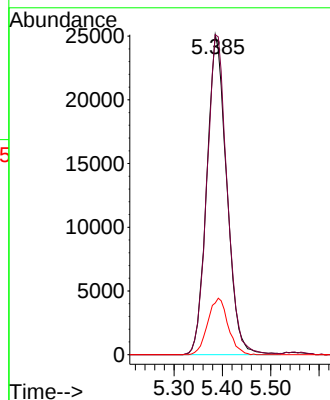
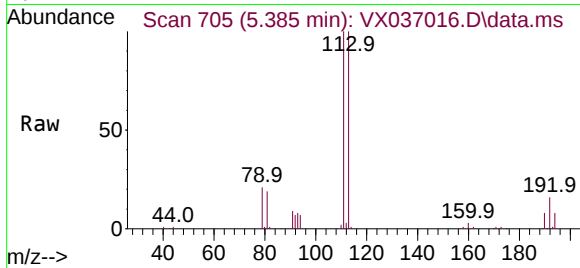




#35
Dibromofluoromethane
Concen: 47.181 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037016.D
Acq: 16 Aug 2023 14:35

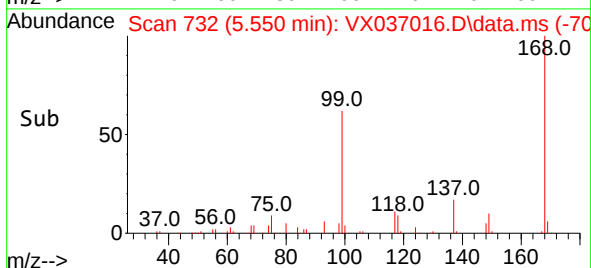
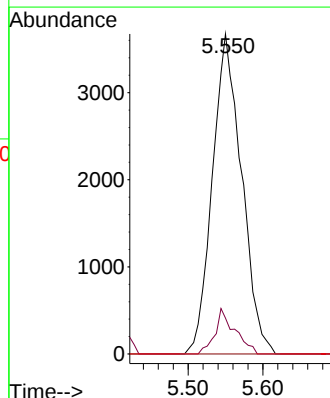
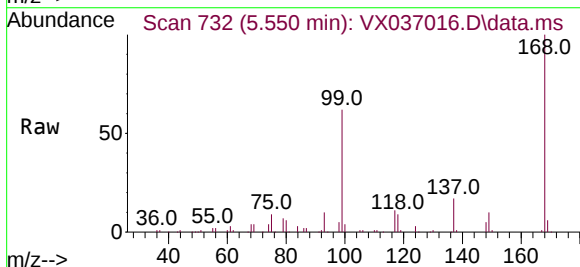
Instrument :
MSVOA_X
ClientSampleId :
TT15811-20230815

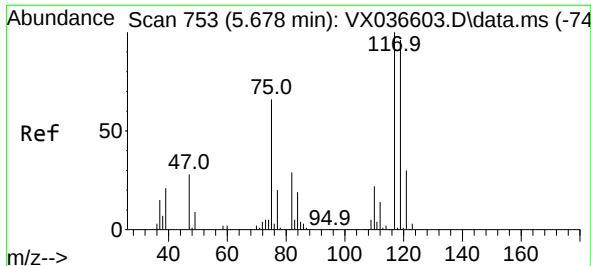
Tgt Ion:113 Resp: 71782
Ion Ratio Lower Upper
113 100
111 101.4 82.9 124.3
192 18.0 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.400 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX037016.D
Acq: 16 Aug 2023 14:35

Tgt Ion: 75 Resp: 9977
Ion Ratio Lower Upper
75 100
110 9.7 17.0 50.9#
77 0.0 24.7 37.1#

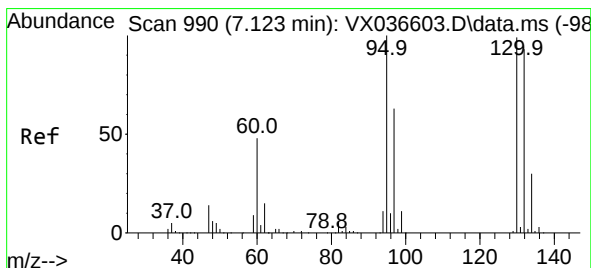
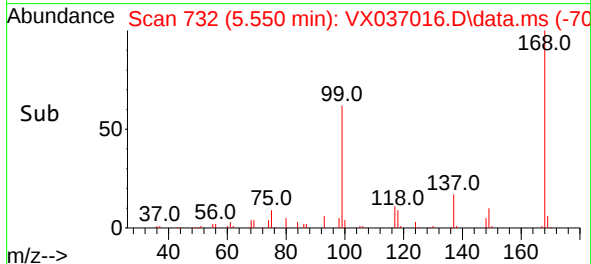
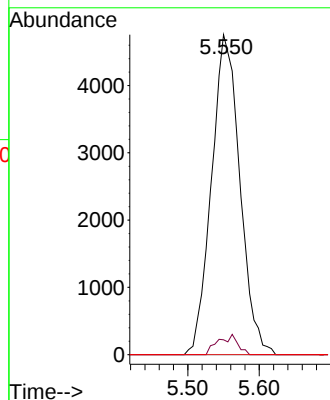
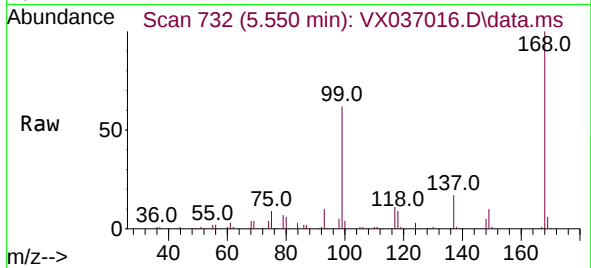




#38
Carbon Tetrachloride
Concen: 5.445 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX037016.D
Acq: 16 Aug 2023 14:35

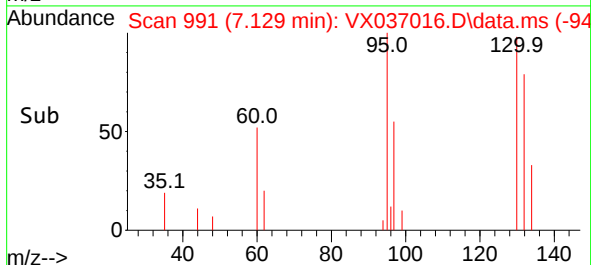
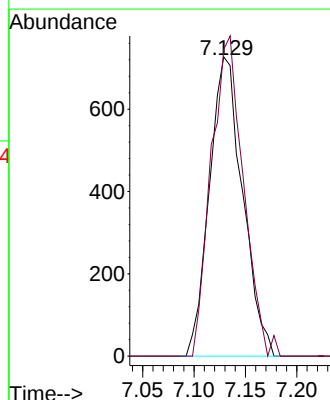
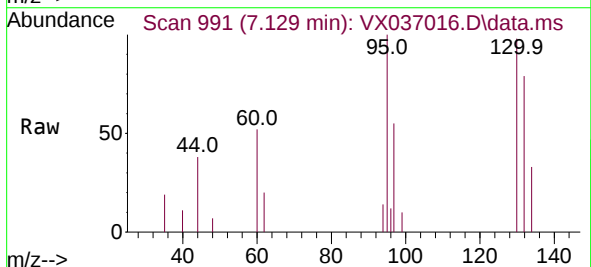
Instrument :
MSVOA_X
ClientSampleId :
TT15811-20230815

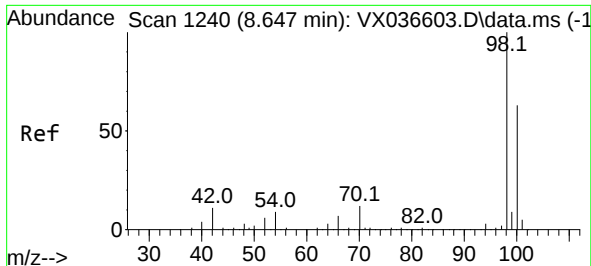
Tgt Ion:117 Resp: 13128
Ion Ratio Lower Upper
117 100
119 4.6 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 0.946 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX037016.D
Acq: 16 Aug 2023 14:35

Tgt Ion:130 Resp: 1632
Ion Ratio Lower Upper
130 100
95 102.5 0.0 204.4

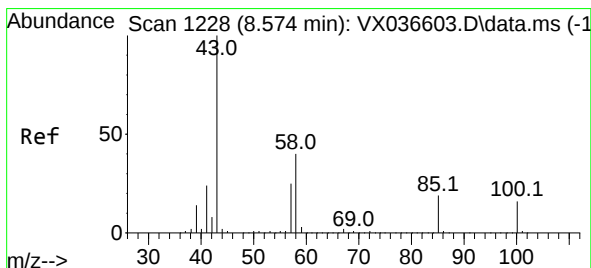
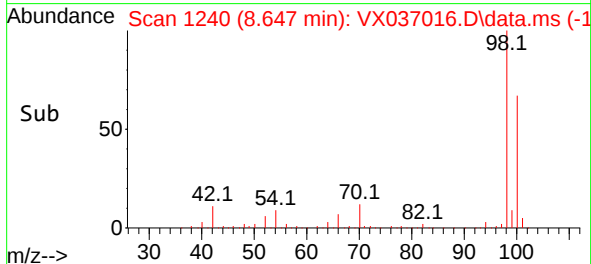
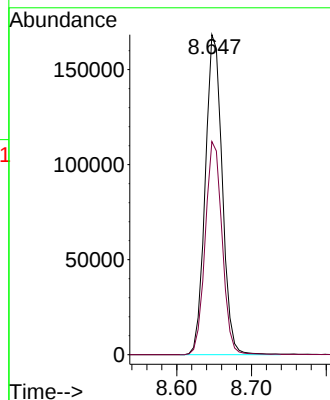
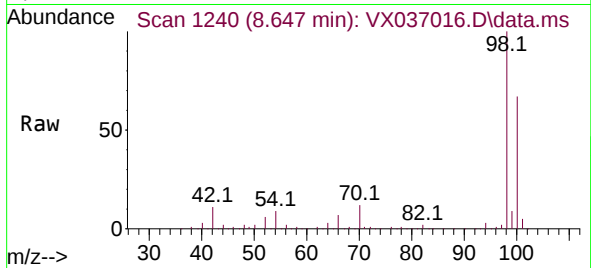




#50
Toluene-d8
Concen: 49.130 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037016.D
Acq: 16 Aug 2023 14:35

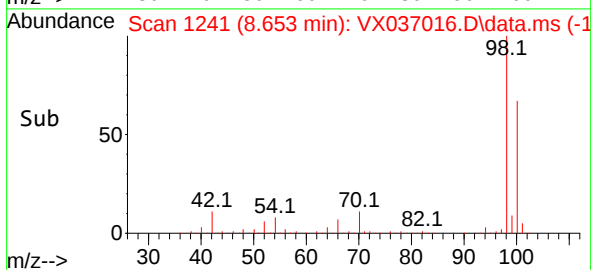
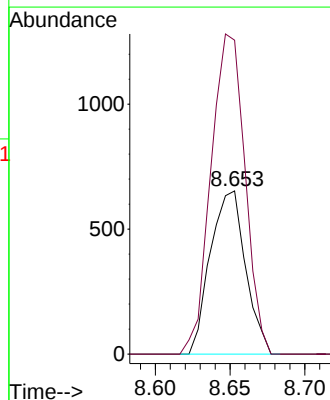
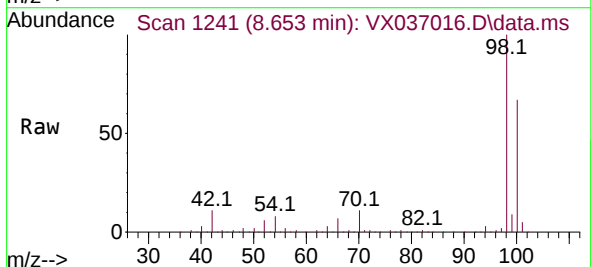
Instrument :
MSVOA_X
ClientSampleId :
TT15811-20230815

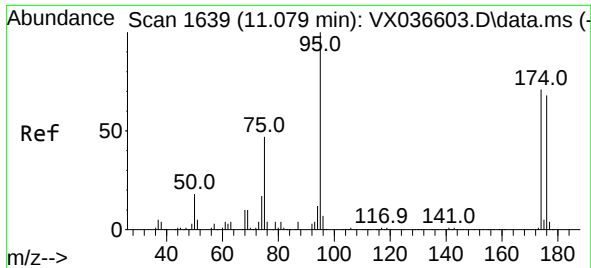
Tgt Ion: 98 Resp: 265068
Ion Ratio Lower Upper
98 100
100 66.6 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.438 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX037016.D
Acq: 16 Aug 2023 14:35

Tgt Ion: 43 Resp: 1070
Ion Ratio Lower Upper
43 100
58 189.7 30.4 45.6#

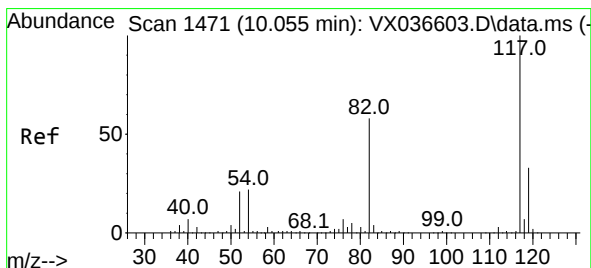
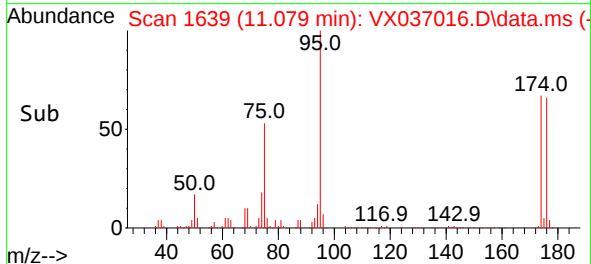
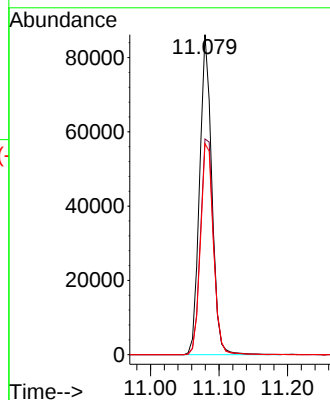
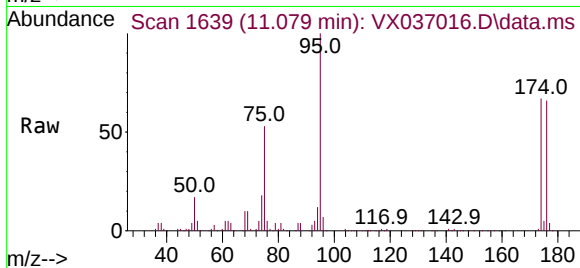




#62
4-Bromofluorobenzene
Concen: 52.557 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037016.D
Acq: 16 Aug 2023 14:35

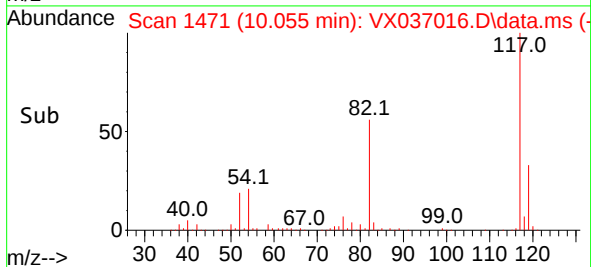
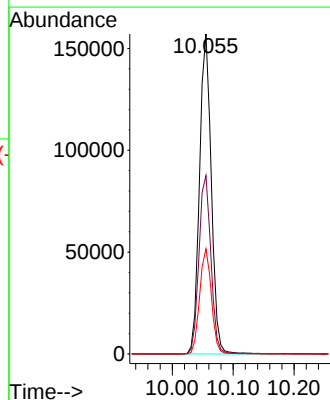
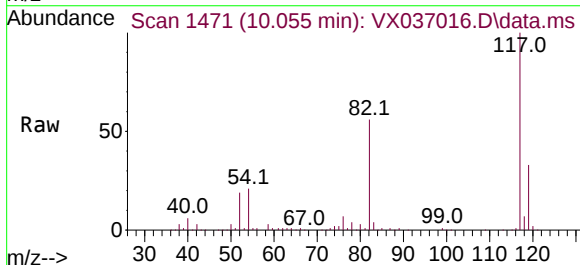
Instrument :
MSVOA_X
ClientSampleId :
TT15811-20230815

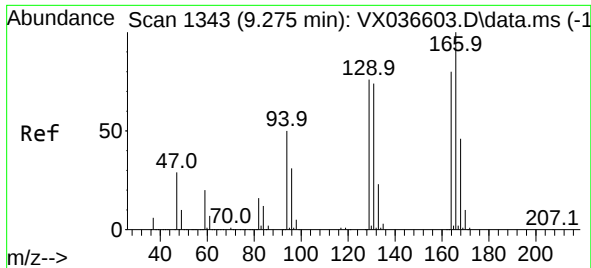
Tgt Ion: 95 Resp: 106981
Ion Ratio Lower Upper
95 100
174 72.2 0.0 135.6
176 69.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037016.D
Acq: 16 Aug 2023 14:35

Tgt Ion: 117 Resp: 210630
Ion Ratio Lower Upper
117 100
82 55.8 46.2 69.4
119 32.8 25.5 38.3

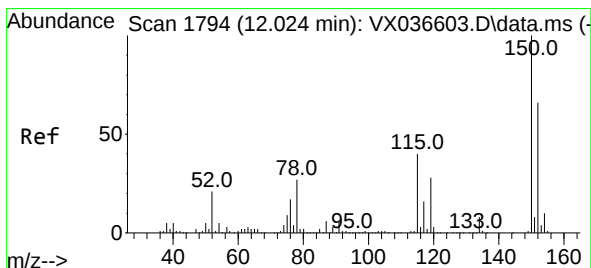
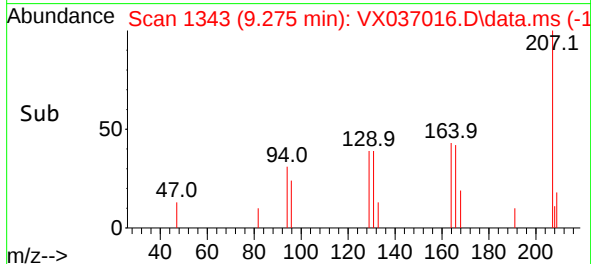
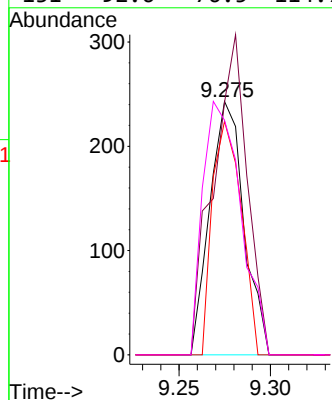
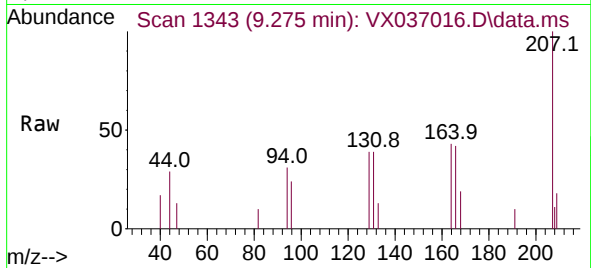




#64
Tetrachloroethene
Concen: 0.201 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037016.D
Acq: 16 Aug 2023 14:35

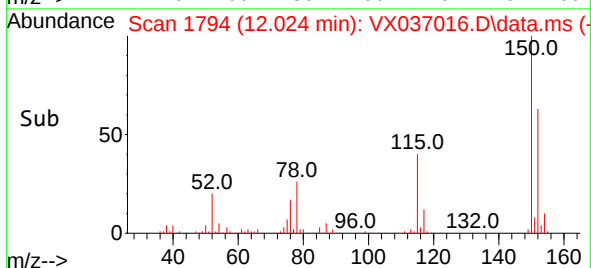
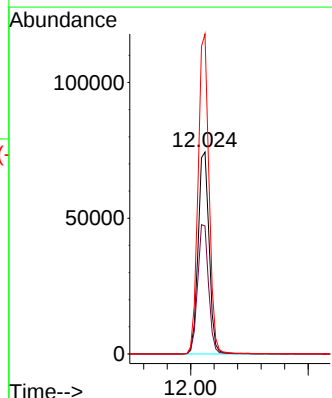
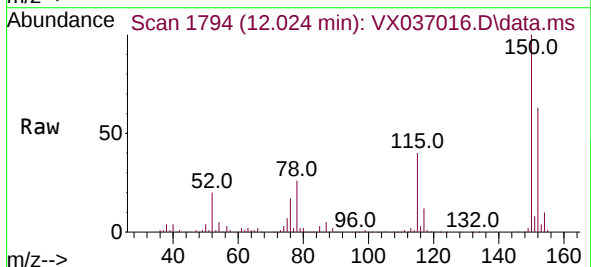
Instrument :
MSVOA_X
ClientSampleId :
TT15811-20230815

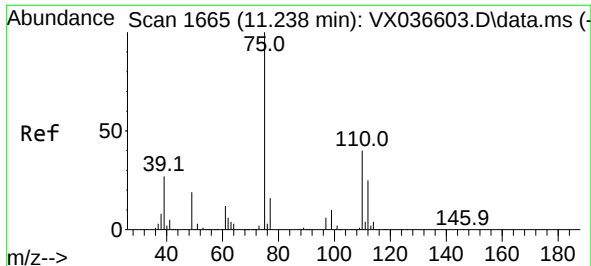
Tgt Ion:164 Resp: 315
Ion Ratio Lower Upper
164 100
166 99.6 102.7 154.1#
129 92.2 80.4 120.6
131 92.6 76.5 114.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX037016.D
Acq: 16 Aug 2023 14:35

Tgt Ion:152 Resp: 96777
Ion Ratio Lower Upper
152 100
115 63.7 43.3 129.9
150 157.8 0.0 345.0

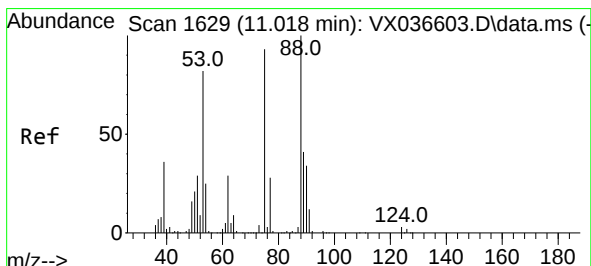
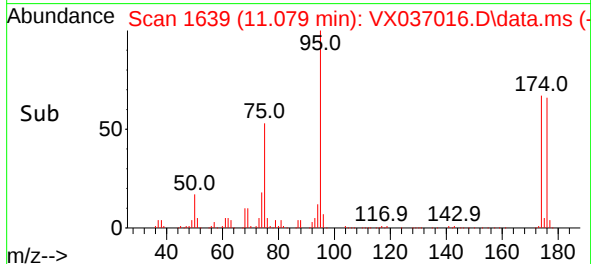
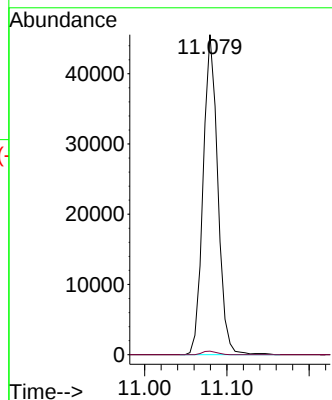
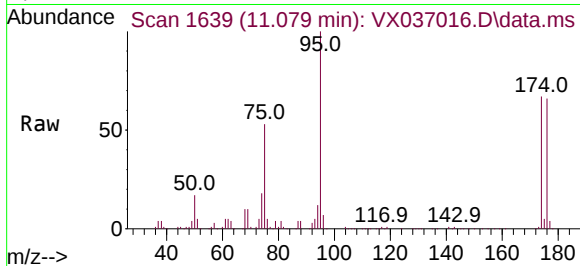




#76
1,2,3-Trichloropropane
Concen: 24.779 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX037016.D
Acq: 16 Aug 2023 14:35

Instrument :
MSVOA_X
ClientSampleId :
TT15811-20230815

Tgt Ion: 75 Resp: 56405
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.164 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037016.D
Acq: 16 Aug 2023 14:35

Tgt Ion: 75 Resp: 56405
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

