

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082722\
 Data File : VX030897.D
 Acq On : 28 Aug 2022 02:50
 Operator : JC/MD
 Sample : N4360-2
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT17411-20220823

Quant Time: Aug 29 01:15:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 02:03:28 2022
 Response via : Initial Calibration

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

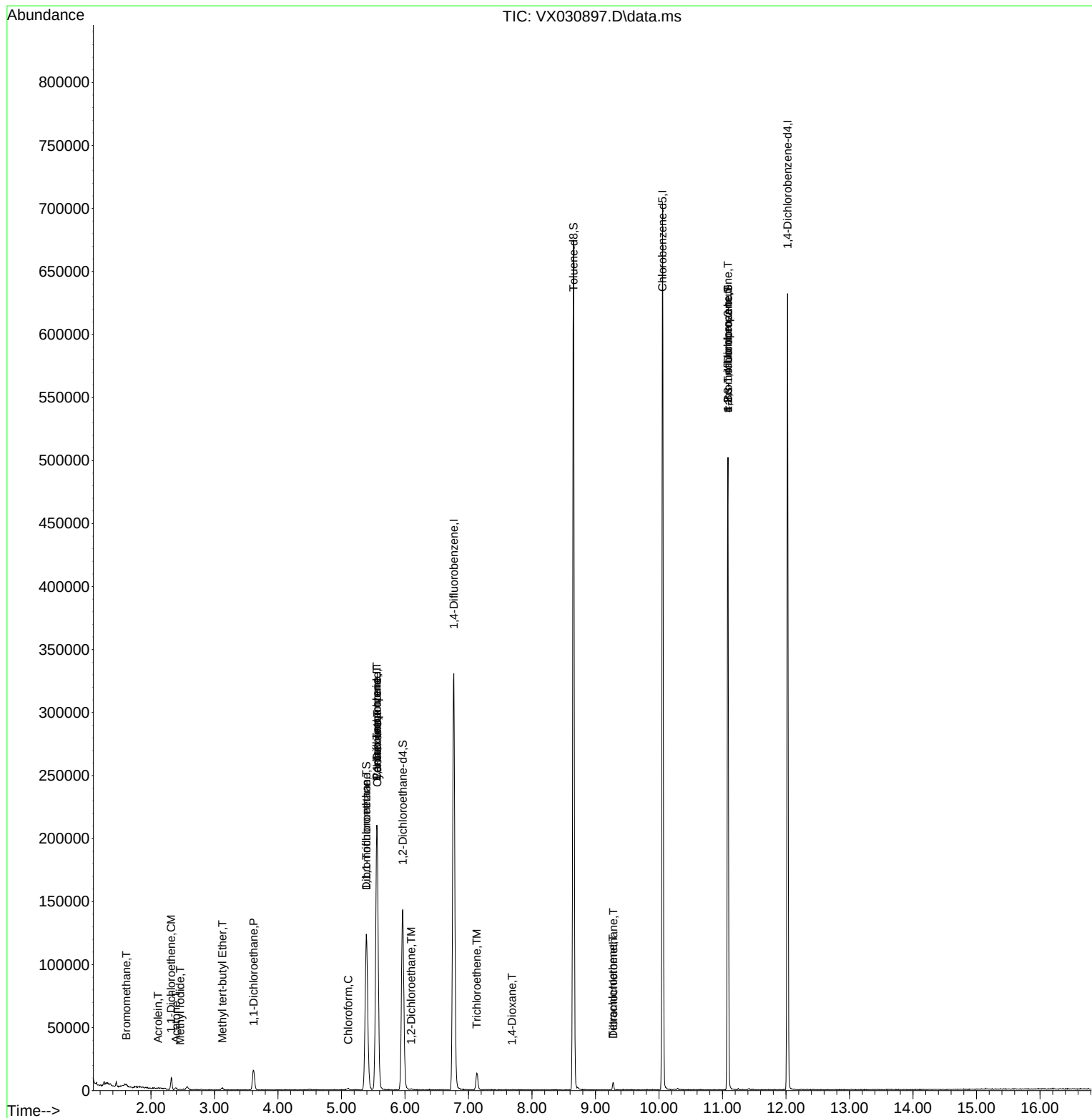
Internal Standards						
1) Pentafluorobenzene	5.556	168	186481	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	328090	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	294392	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	120725	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	140021	63.834	ug/l	0.00
Spiked Amount 50.000	Range 74	- 125	Recovery	= 127.660%	#	
35) Dibromofluoromethane	5.391	113	106415	52.775	ug/l	0.00
Spiked Amount 50.000	Range 75	- 124	Recovery	= 105.560%		
50) Toluene-d8	8.653	98	396522	56.433	ug/l	0.00
Spiked Amount 50.000	Range 86	- 113	Recovery	= 112.860%		
62) 4-Bromofluorobenzene	11.085	95	130980	50.070	ug/l	0.00
Spiked Amount 50.000	Range 83	- 123	Recovery	= 100.140%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	330	Below Cal	#	73
5) Bromomethane	1.612	94	313	0.360	ug/l #	76
6) Chloroethane	1.691	64	219	Below Cal	#	41
10) Methyl Iodide	2.459	142	266	4.191	ug/l #	45
12) 1,1-Dichloroethene	2.319	96	2830	1.674	ug/l #	80
13) Acrolein	2.111	56	63	10.196	ug/l #	14
16) Acetone	2.392	43	1669	1.647	ug/l #	71
17) Carbon Disulfide	2.508	76	539	Below Cal	#	74
19) Methyl tert-butyl Ether	3.123	73	1645	0.281	ug/l #	87
20) Methylene Chloride	2.788	84	239	Below Cal	#	75
24) 1,1-Dichloroethane	3.617	63	18595	5.222	ug/l	98
30) Chloroform	5.105	83	1432	0.382	ug/l	97
31) Cyclohexane	5.562	56	4490	1.601	ug/l #	19
32) 1,1,1-Trichloroethane	5.391	97	1791	0.591	ug/l #	40
36) 1,1-Dichloropropene	5.556	75	15893	5.788	ug/l #	49
38) Carbon Tetrachloride	5.556	117	21563	7.445	ug/l #	18
42) 1,2-Dichloroethane	6.099	62	881	0.302	ug/l #	73
44) Trichloroethene	7.129	130	5046	2.126	ug/l	95
49) 1,4-Dioxane	7.684	88	98	1.626	ug/l #	25
60) Dibromochloromethane	9.281	129	1048	0.441	ug/l #	11
64) Tetrachloroethene	9.275	164	1046	0.451	ug/l #	71
76) 1,2,3-Trichloropropane	11.085	75	68969	26.076	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.085	75	68969	84.132	ug/l #	13

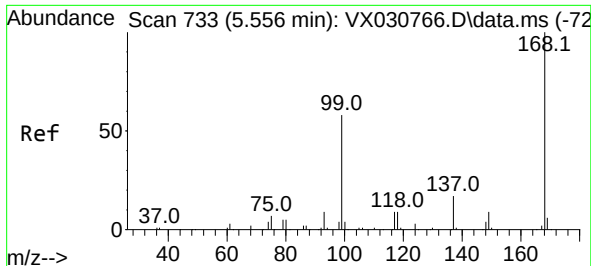
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082722\
Data File : VX030897.D
Acq On : 28 Aug 2022 02:50
Operator : JC/MD
Sample : N4360-2
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TT174I1-20220823

Quant Time: Aug 29 01:15:23 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 26 02:03:28 2022
Response via : Initial Calibration

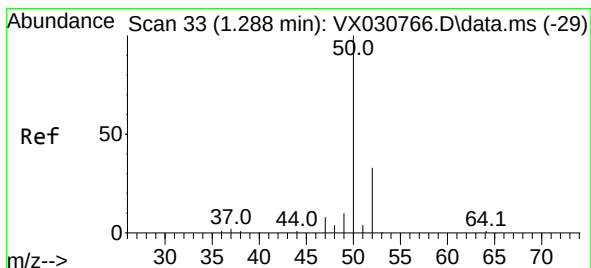
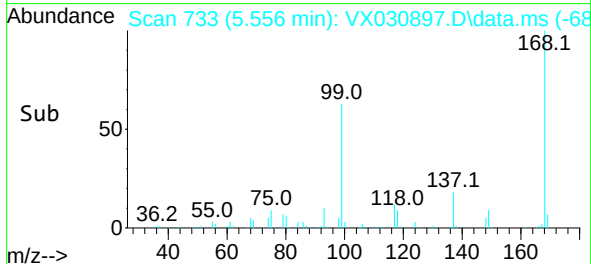
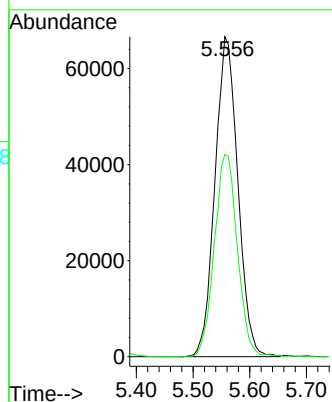
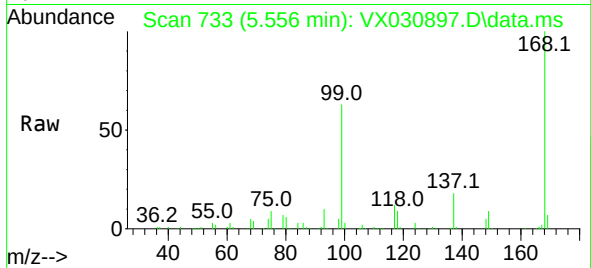




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030897.D
Acq: 28 Aug 2022 02:50

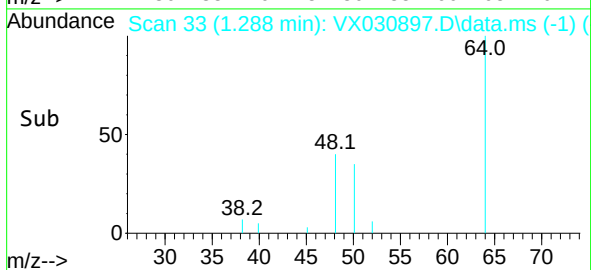
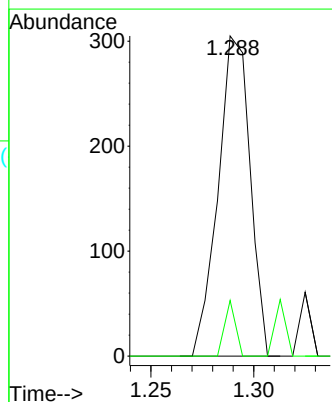
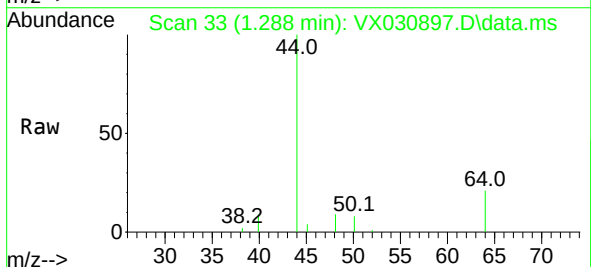
Instrument :
MSVOA_X
ClientSampleId :
TT17411-20220823

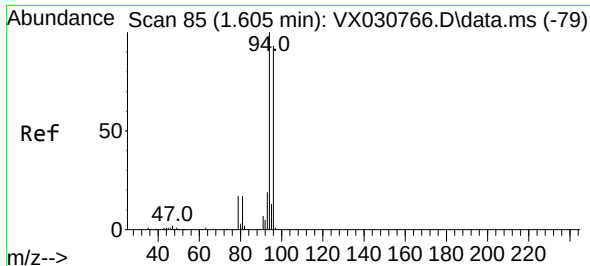
Tgt Ion:168 Resp: 186481
Ion Ratio Lower Upper
168 100
99 63.3 44.0 66.0



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX030897.D
Acq: 28 Aug 2022 02:50

Tgt Ion: 50 Resp: 330
Ion Ratio Lower Upper
50 100
52 17.4 26.3 39.5

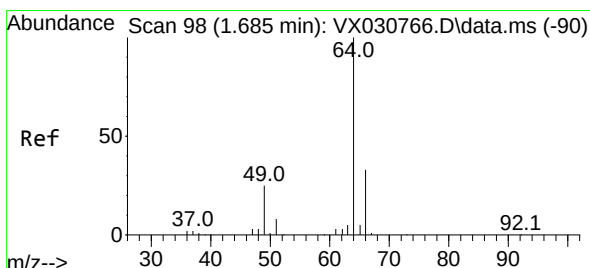
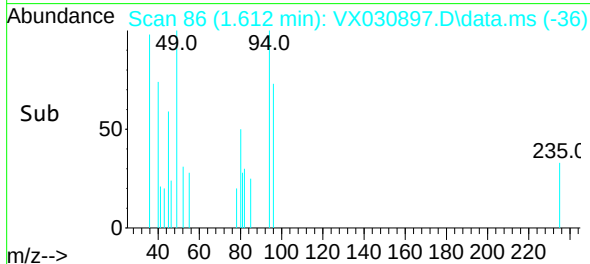
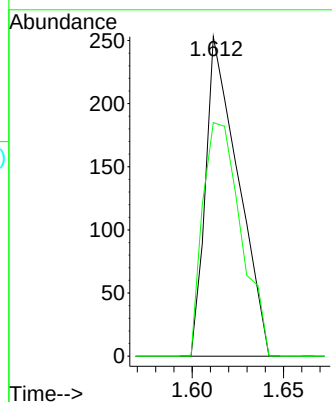
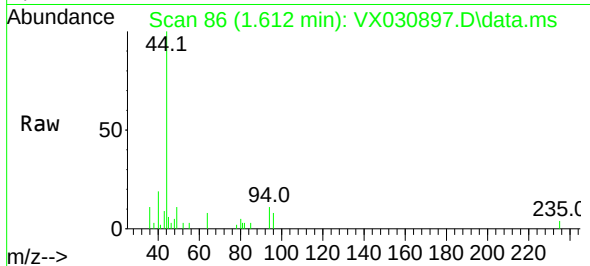




#5
Bromomethane
Concen: 0.360 ug/l
RT: 1.612 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX030897.D
Acq: 28 Aug 2022 02:50

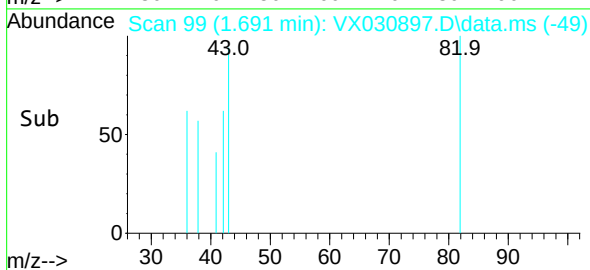
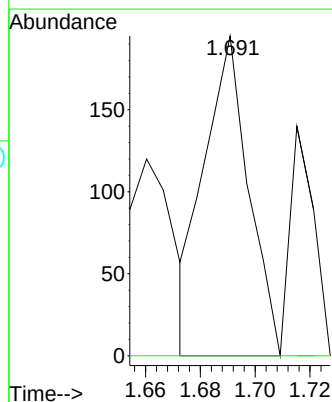
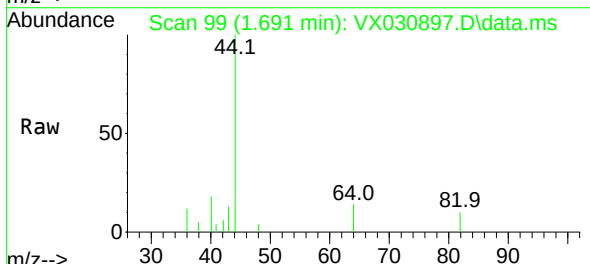
Instrument :
MSVOA_X
ClientSampleId :
TT17411-20220823

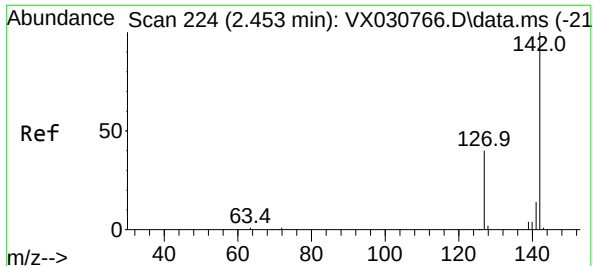
Tgt Ion: 94 Resp: 313
Ion Ratio Lower Upper
94 100
96 73.1 76.9 115.3#



#6
Chloroethane
Concen: Below Cal
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX030897.D
Acq: 28 Aug 2022 02:50

Tgt Ion: 64 Resp: 219
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#

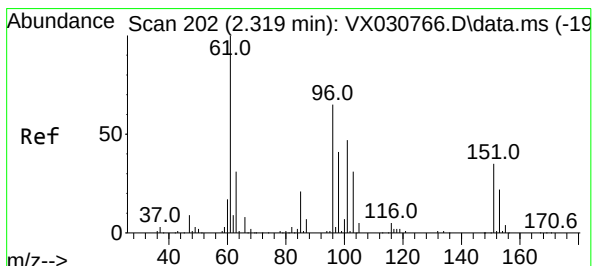
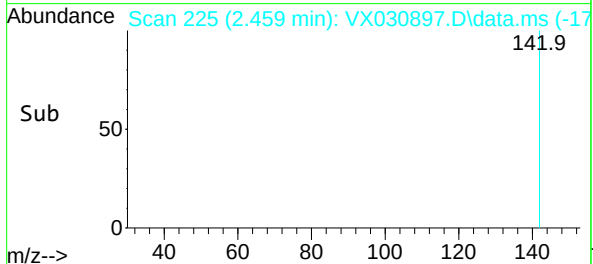
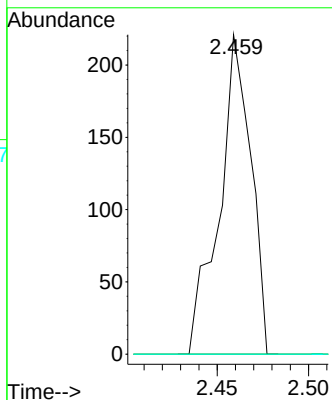
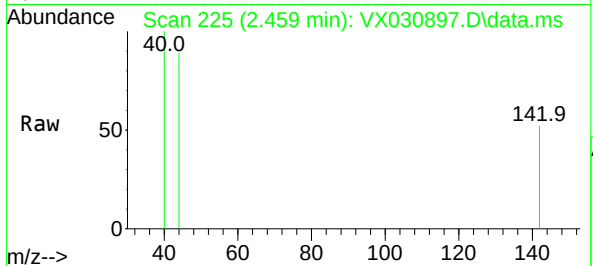




#10
Methyl Iodide
Concen: 4.191 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX030897.D
Acq: 28 Aug 2022 02:50

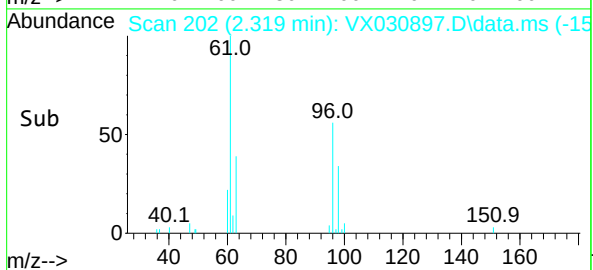
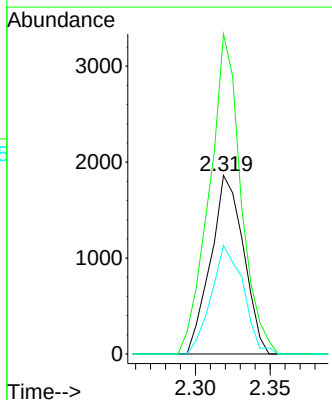
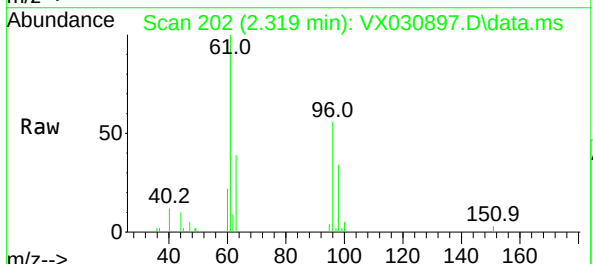
Instrument :
MSVOA_X
ClientSampleId :
TT17411-20220823

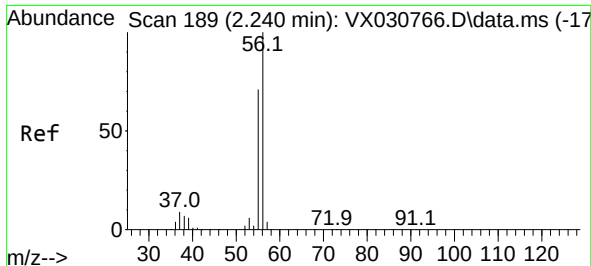
Tgt Ion:142 Resp: 266
Ion Ratio Lower Upper
142 100
127 0.0 30.2 45.2#
141 0.0 11.3 16.9#



#12
1,1-Dichloroethene
Concen: 1.674 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX030897.D
Acq: 28 Aug 2022 02:50

Tgt Ion: 96 Resp: 2830
Ion Ratio Lower Upper
96 100
61 179.3 117.4 176.0#
98 60.8 52.2 78.4

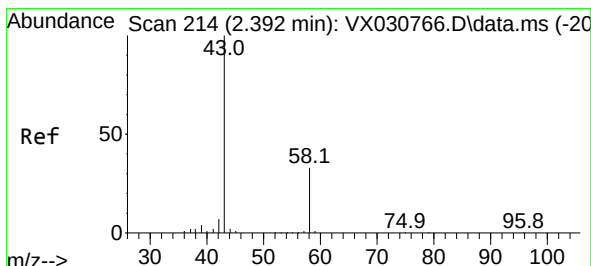
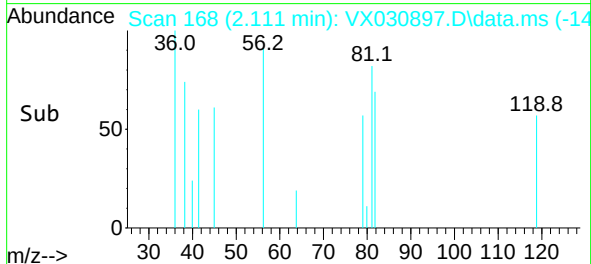
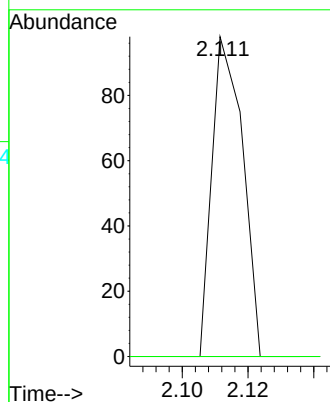
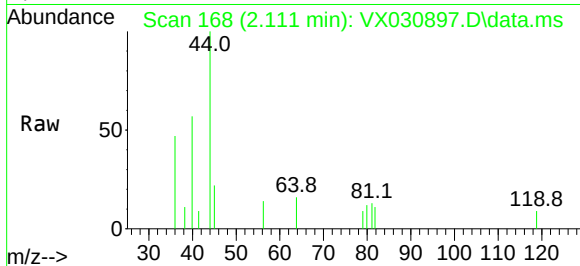




#13
Acrolein
Concen: 10.196 ug/l
RT: 2.111 min Scan# 11
Delta R.T. -0.129 min
Lab File: VX030897.D
Acq: 28 Aug 2022 02:50

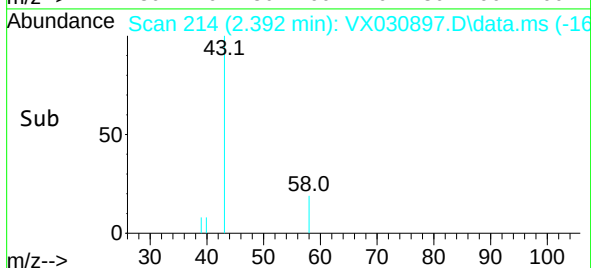
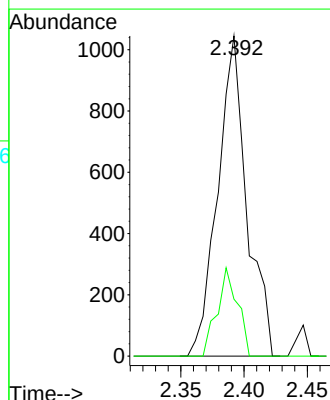
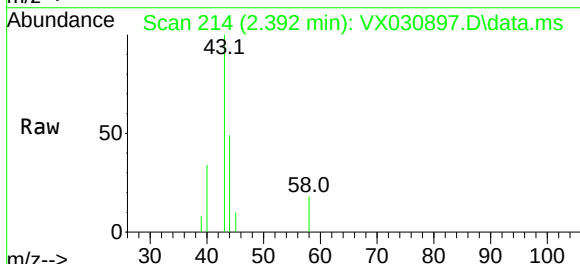
Instrument :
MSVOA_X
ClientSampleId :
TT17411-20220823

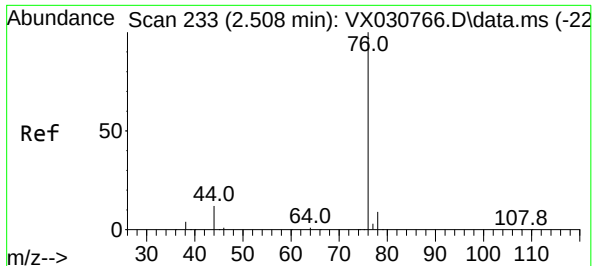
Tgt Ion: 56 Resp: 63
Ion Ratio Lower Upper
56 100
55 0.0 56.6 84.8#



#16
Acetone
Concen: 1.647 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX030897.D
Acq: 28 Aug 2022 02:50

Tgt Ion: 43 Resp: 1669
Ion Ratio Lower Upper
43 100
58 17.8 27.7 41.5#

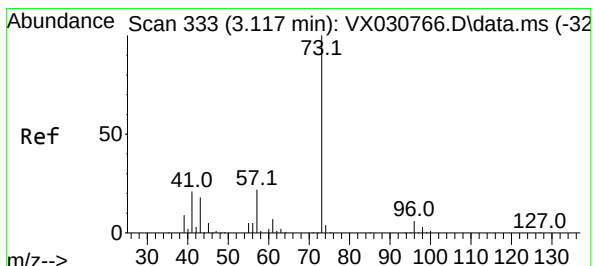
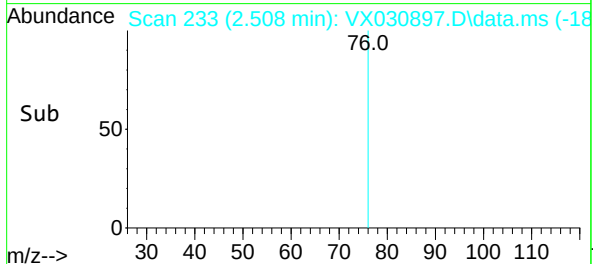
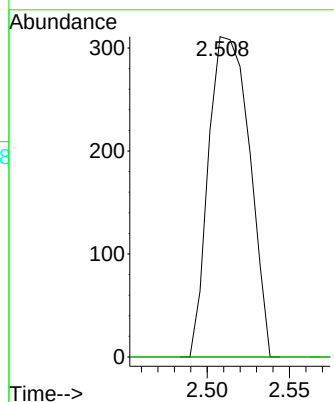
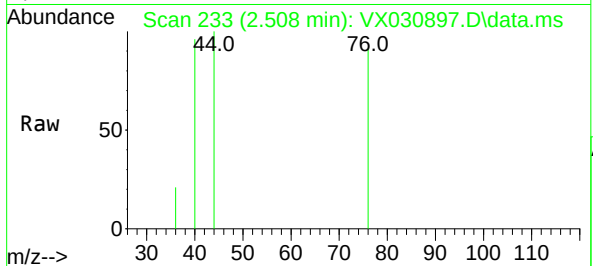




#17
Carbon Disulfide
Concen: Below Cal
RT: 2.508 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX030897.D
Acq: 28 Aug 2022 02:50

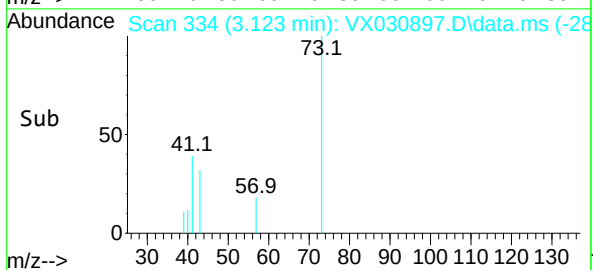
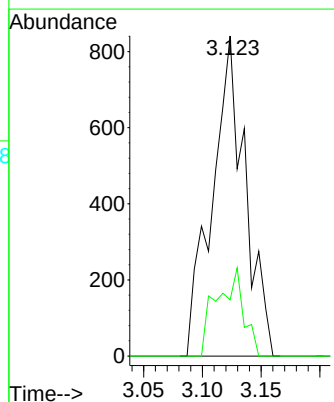
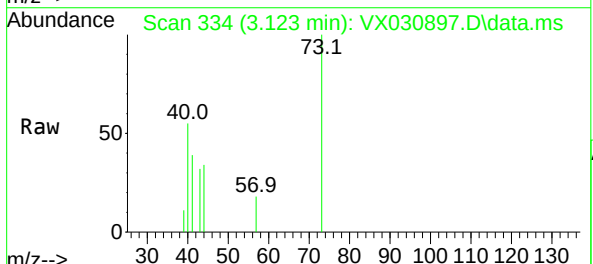
Instrument :
MSVOA_X
ClientSampleId :
TT17411-20220823

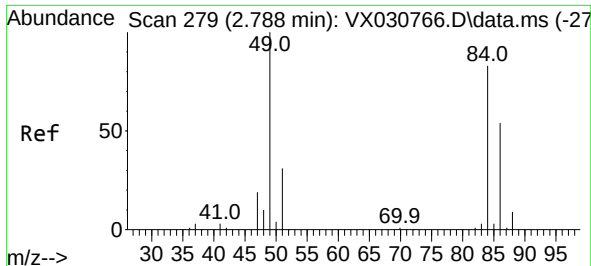
Tgt Ion: 76 Resp: 539
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#



#19
Methyl tert-butyl Ether
Concen: 0.281 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.006 min
Lab File: VX030897.D
Acq: 28 Aug 2022 02:50

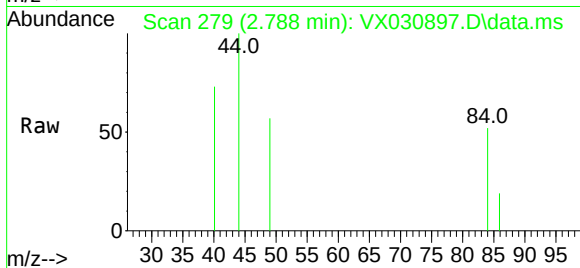
Tgt Ion: 73 Resp: 1645
Ion Ratio Lower Upper
73 100
57 17.6 19.0 28.6#



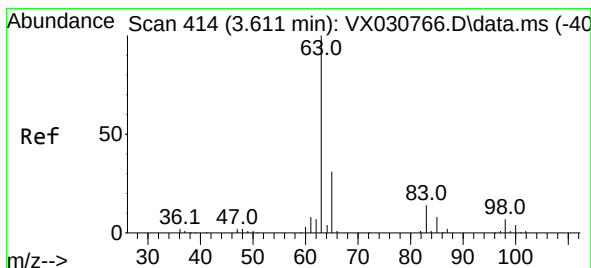
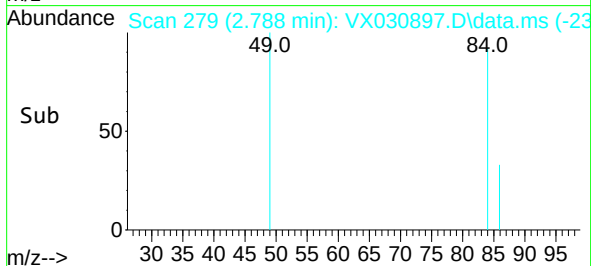
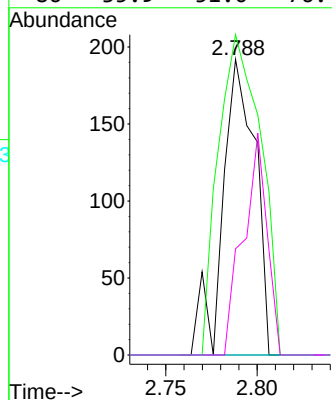


#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX030897.D
Acq: 28 Aug 2022 02:50

Instrument :
MSVOA_X
ClientSampleId :
TT17411-20220823

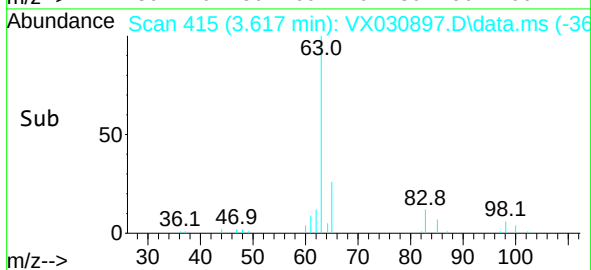
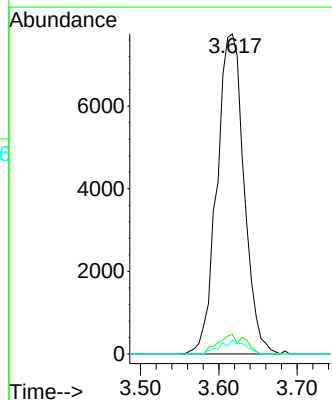
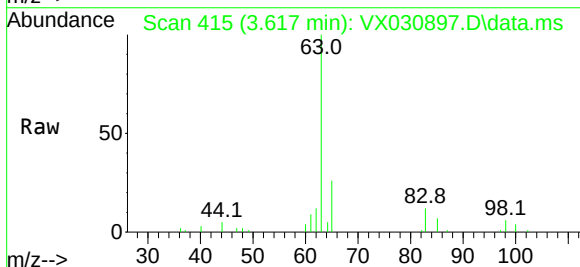


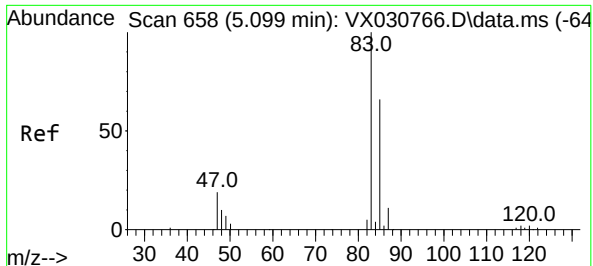
Tgt Ion:	84	Resp:	239
Ion	Ratio	Lower	Upper
84	100		
49	108.3	93.8	140.6
51	0.0	29.4	44.0#
86	35.9	51.0	76.4#



#24
1,1-Dichloroethane
Concen: 5.222 ug/l
RT: 3.617 min Scan# 415
Delta R.T. 0.006 min
Lab File: VX030897.D
Acq: 28 Aug 2022 02:50

Tgt Ion:	63	Resp:	18595
Ion	Ratio	Lower	Upper
63	100		
98	6.1	3.5	10.5
100	4.4	2.3	6.9





#30

Chloroform

Concen: 0.382 ug/l

RT: 5.105 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX030897.D

Acq: 28 Aug 2022 02:50

Instrument :

MSVOA_X

ClientSampleId :

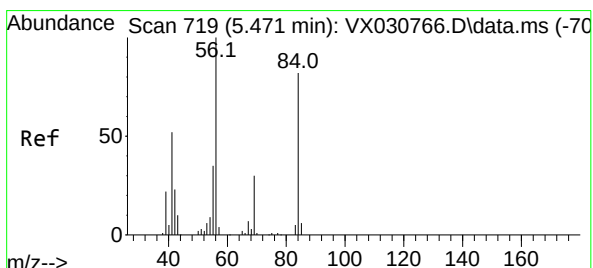
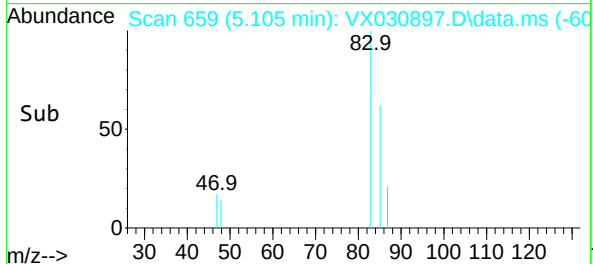
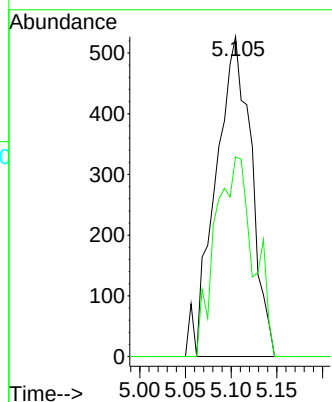
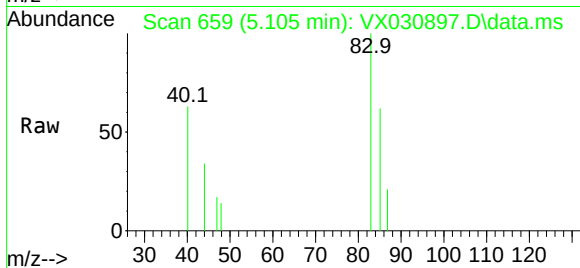
TT17411-20220823

Tgt Ion: 83 Resp: 1432

Ion Ratio Lower Upper

83 100

85 62.4 51.5 77.3



#31

Cyclohexane

Concen: 1.601 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.091 min

Lab File: VX030897.D

Acq: 28 Aug 2022 02:50

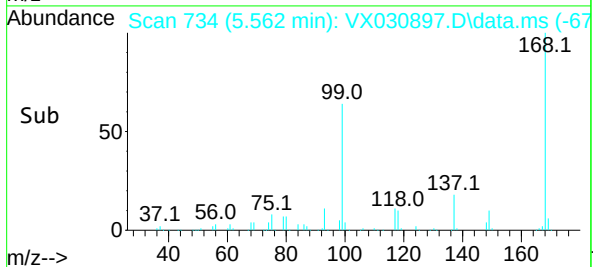
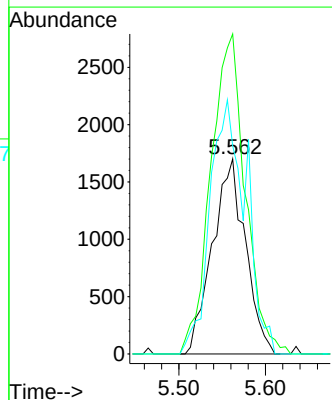
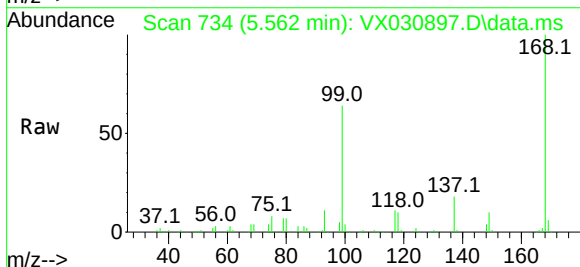
Tgt Ion: 56 Resp: 4490

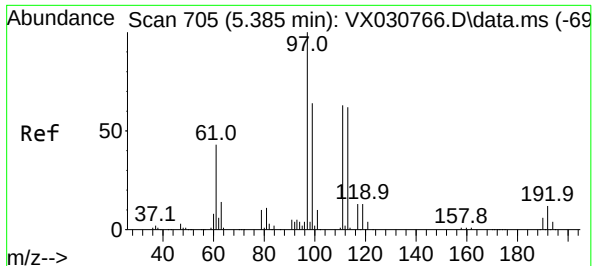
Ion Ratio Lower Upper

56 100

69 164.1 25.4 38.0#

84 106.6 68.9 103.3#





#32

1,1,1-Trichloroethane

Concen: 0.591 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX030897.D

Acq: 28 Aug 2022 02:50

Instrument :

MSVOA_X

ClientSampleId :

TT17411-20220823

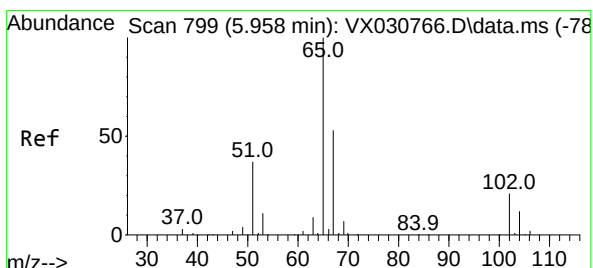
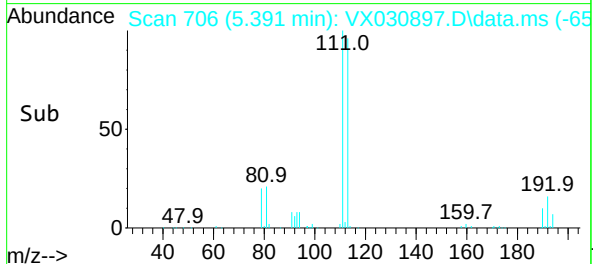
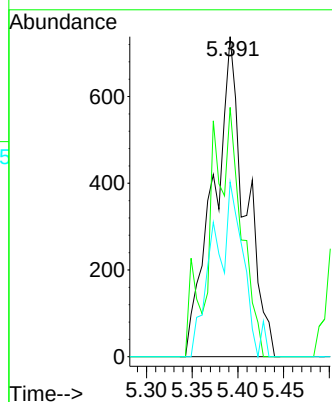
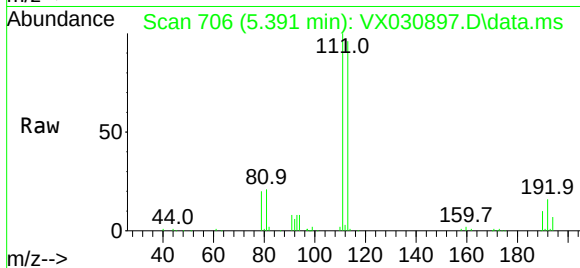
Tgt Ion: 97 Resp: 1791

Ion Ratio Lower Upper

97 100

99 0.0 51.4 77.0#

61 25.6 35.8 53.8#



#33

1,2-Dichloroethane-d4

Concen: 63.834 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX030897.D

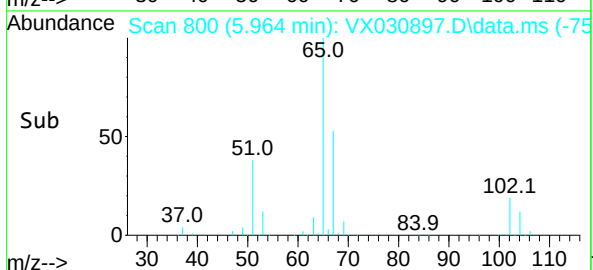
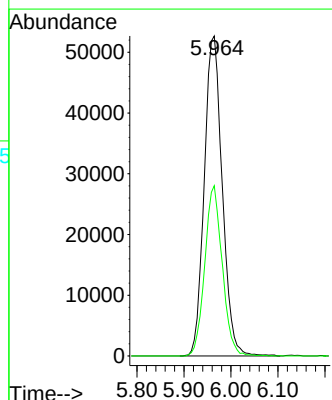
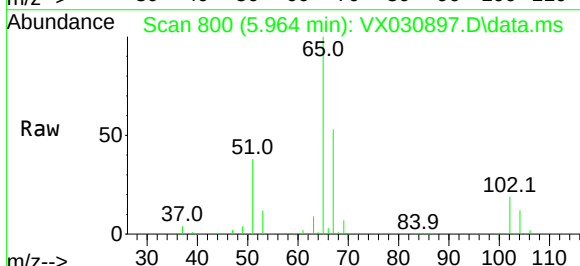
Acq: 28 Aug 2022 02:50

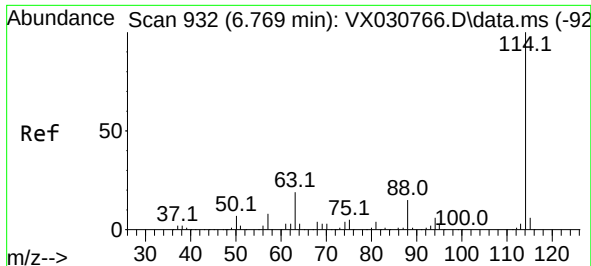
Tgt Ion: 65 Resp: 140021

Ion Ratio Lower Upper

65 100

67 51.6 0.0 109.6

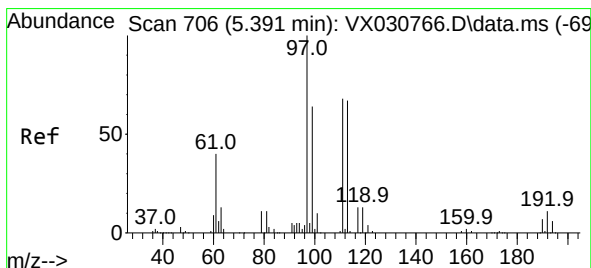
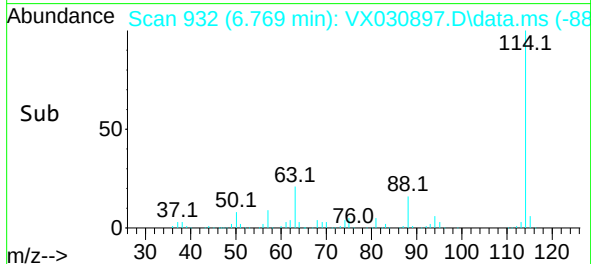
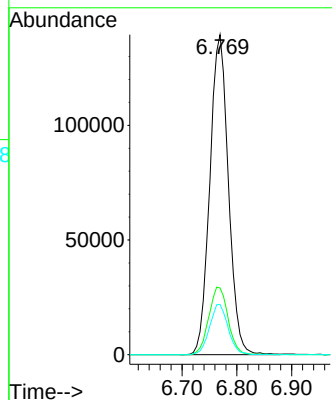
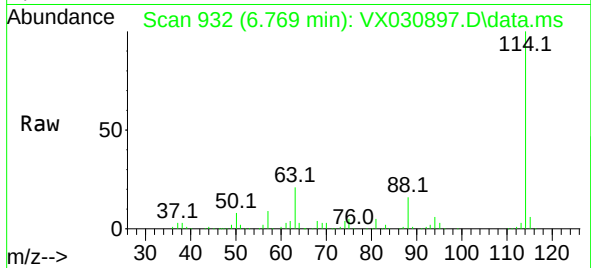




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX030897.D
Acq: 28 Aug 2022 02:50

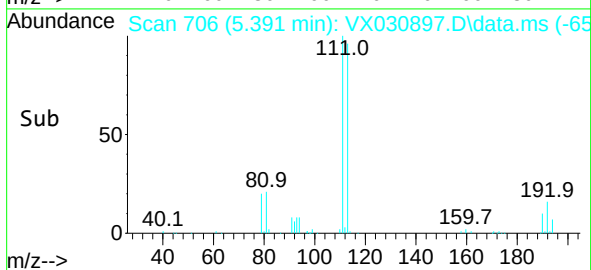
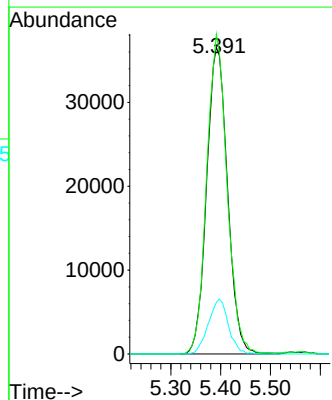
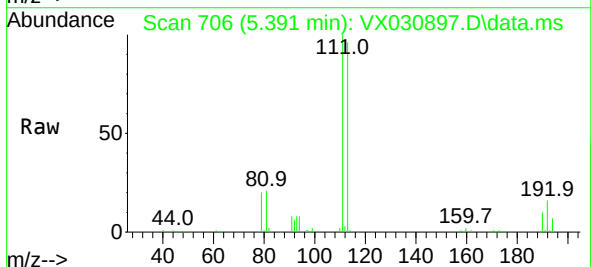
Instrument :
MSVOA_X
ClientSampleId :
TT17411-20220823

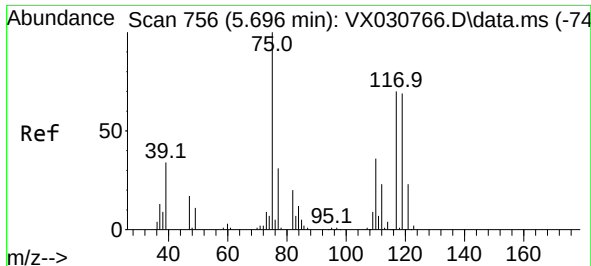
Tgt Ion:114 Resp: 328090
Ion Ratio Lower Upper
114 100
63 20.9 0.0 38.4
88 15.7 0.0 31.8



#35
Dibromofluoromethane
Concen: 52.775 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030897.D
Acq: 28 Aug 2022 02:50

Tgt Ion:113 Resp: 106415
Ion Ratio Lower Upper
113 100
111 101.8 83.2 124.8
192 17.2 14.8 22.2

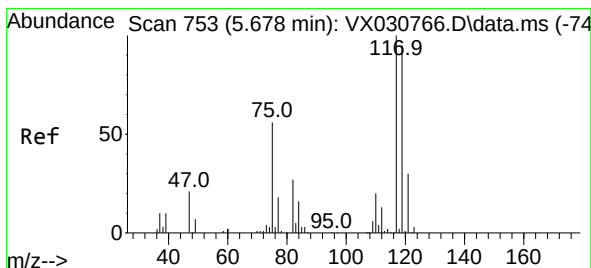
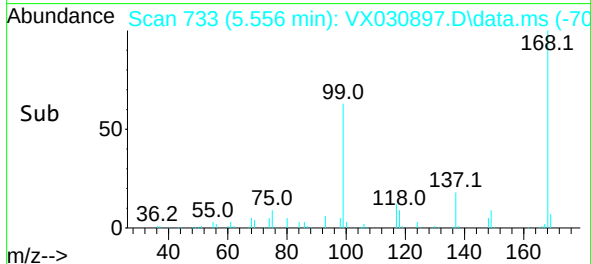
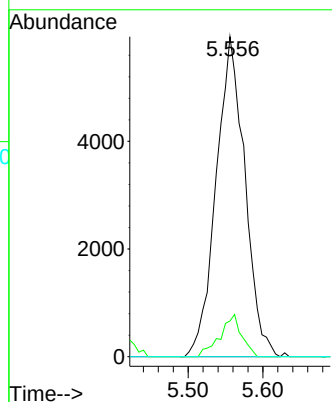
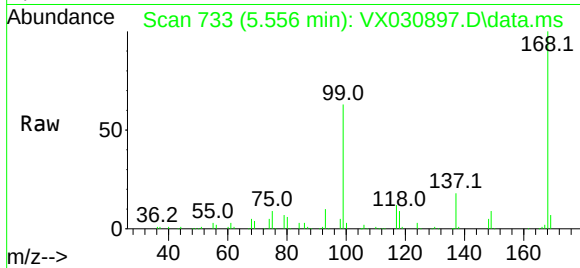




#36
1,1-Dichloropropene
Concen: 5.788 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX030897.D
Acq: 28 Aug 2022 02:50

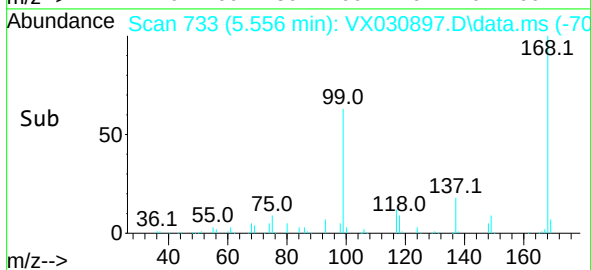
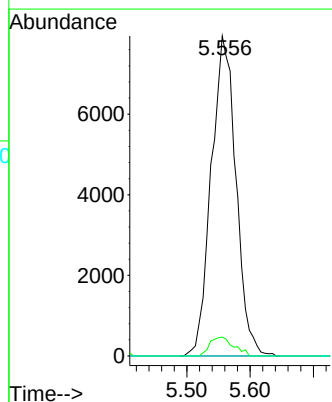
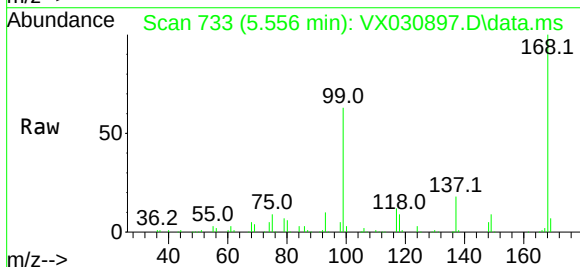
Instrument :
MSVOA_X
ClientSampleId :
TT17411-20220823

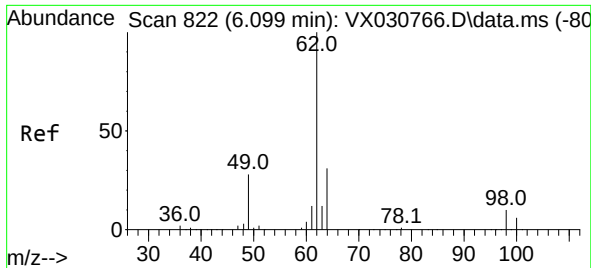
Tgt Ion: 75 Resp: 15893
Ion Ratio Lower Upper
75 100
110 10.0 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 7.445 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX030897.D
Acq: 28 Aug 2022 02:50

Tgt Ion: 117 Resp: 21563
Ion Ratio Lower Upper
117 100
119 5.9 74.1 111.1#
121 0.0 25.8 38.8#





#42

1,2-Dichloroethane

Concen: 0.302 ug/l

RT: 6.099 min Scan# 81

Delta R.T. -0.000 min

Lab File: VX030897.D

Acq: 28 Aug 2022 02:50

Instrument :

MSVOA_X

ClientSampleId :

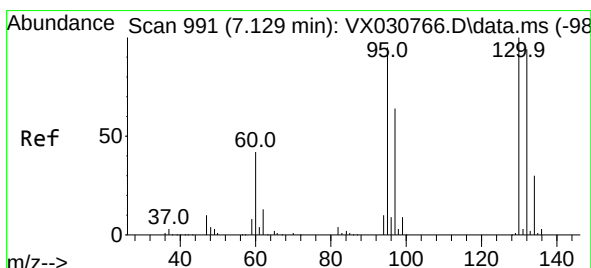
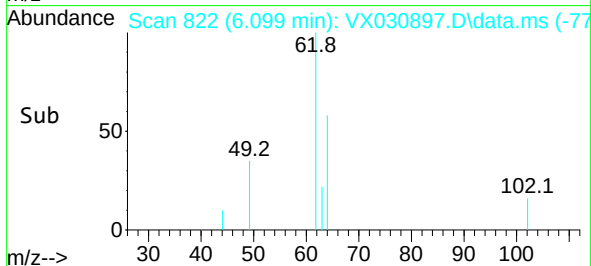
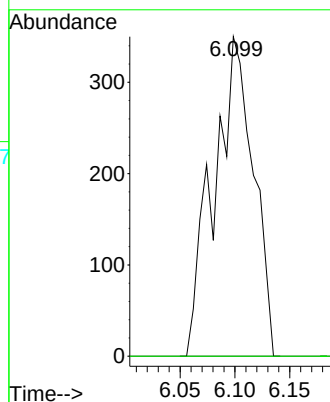
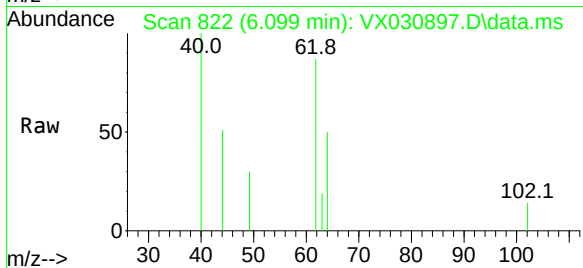
TT17411-20220823

Tgt Ion: 62 Resp: 881

Ion Ratio Lower Upper

62 100

98 0.0 0.0 20.2



#44

Trichloroethene

Concen: 2.126 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX030897.D

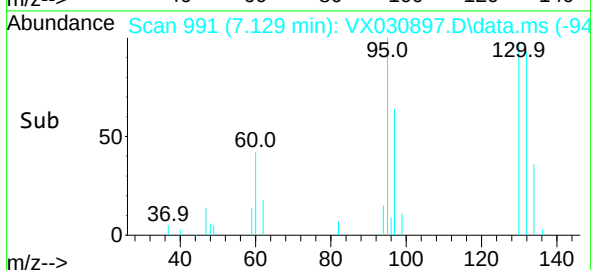
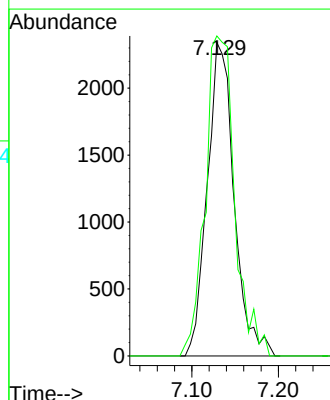
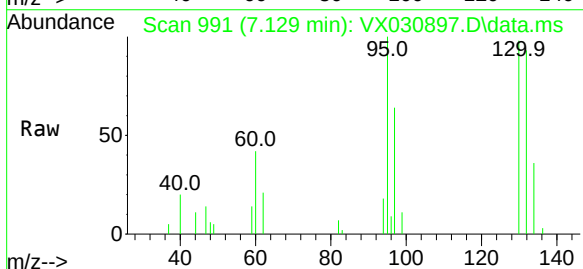
Acq: 28 Aug 2022 02:50

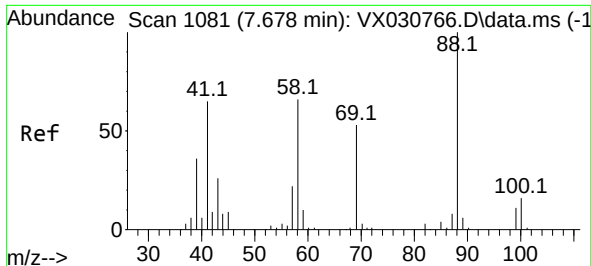
Tgt Ion:130 Resp: 5046

Ion Ratio Lower Upper

130 100

95 102.1 0.0 194.8





#49

1,4-Dioxane

Concen: 1.626 ug/l

RT: 7.684 min Scan# 1081

Delta R.T. 0.006 min

Lab File: VX030897.D

Acq: 28 Aug 2022 02:50

Instrument :

MSVOA_X

ClientSampleId :

TT17411-20220823

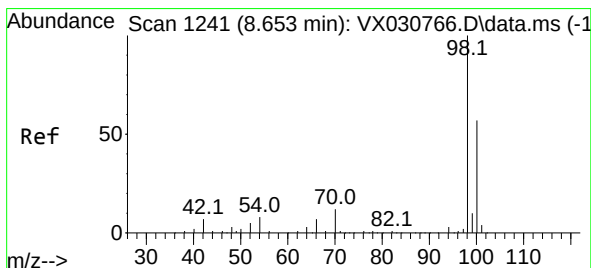
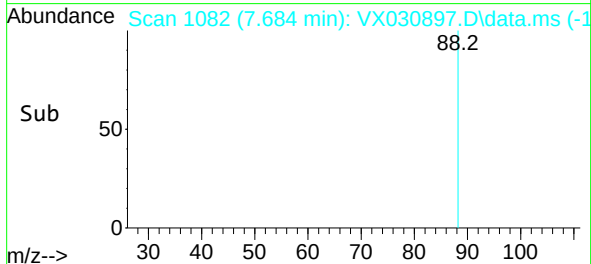
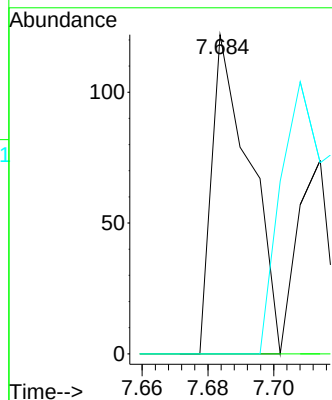
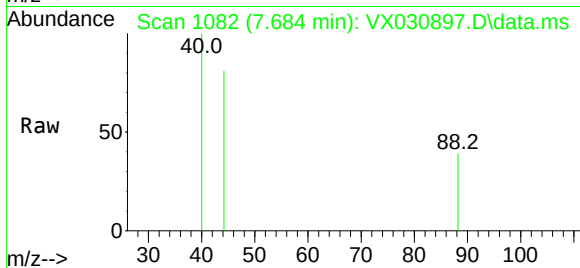
Tgt Ion: 88 Resp: 98

Ion Ratio Lower Upper

88 100

43 0.0 23.8 35.8#

58 0.0 53.8 80.6#



#50

Toluene-d8

Concen: 56.433 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX030897.D

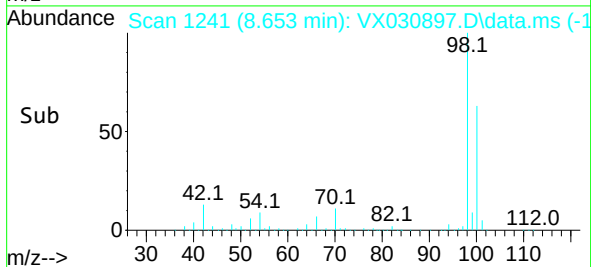
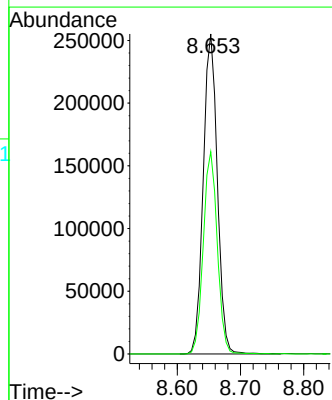
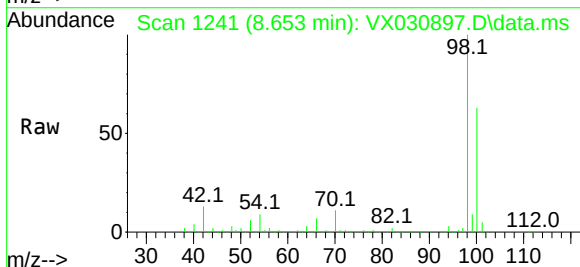
Acq: 28 Aug 2022 02:50

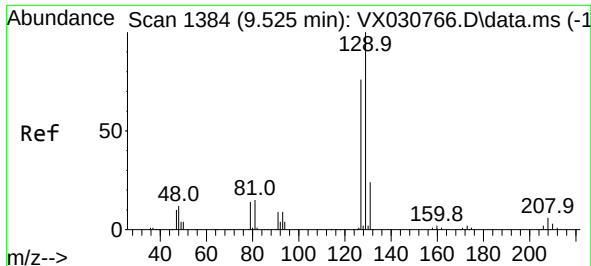
Tgt Ion: 98 Resp: 396522

Ion Ratio Lower Upper

98 100

100 62.7 52.3 78.5

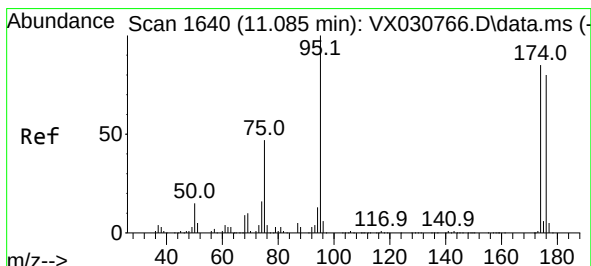
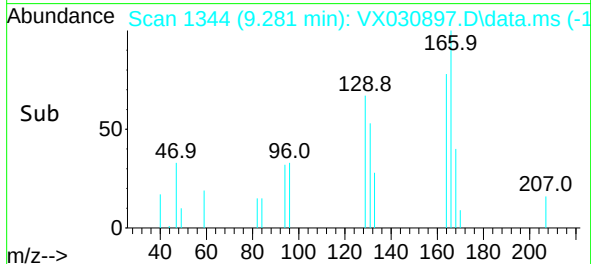
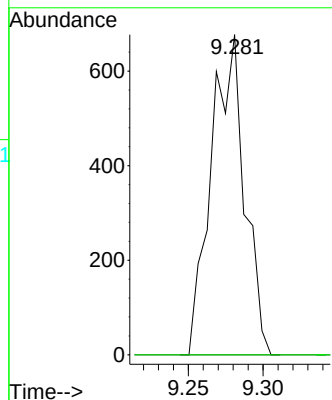
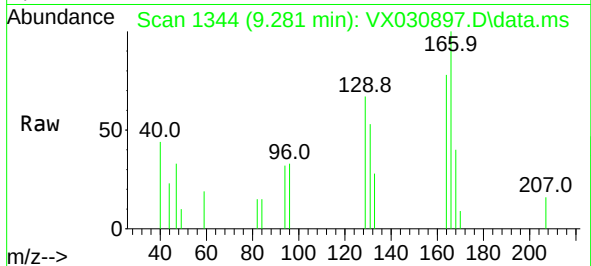




#60
Dibromochloromethane
Concen: 0.441 ug/l
RT: 9.281 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX030897.D
Acq: 28 Aug 2022 02:50

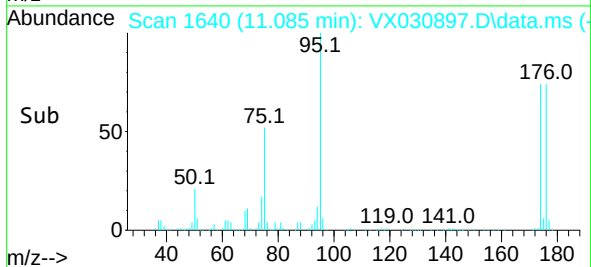
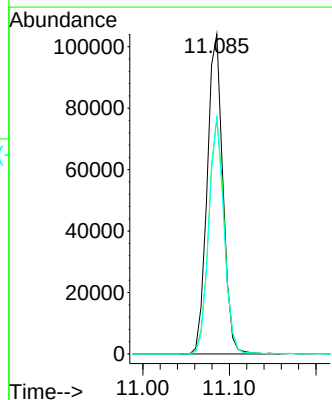
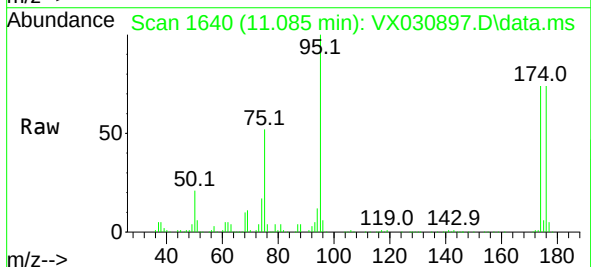
Instrument :
MSVOA_X
ClientSampleId :
TT17411-20220823

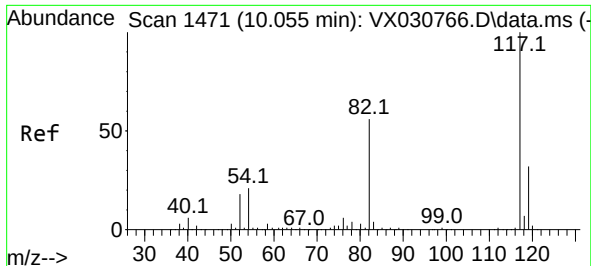
Tgt Ion:129 Resp: 1048
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#



#62
4-Bromofluorobenzene
Concen: 50.070 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030897.D
Acq: 28 Aug 2022 02:50

Tgt Ion: 95 Resp: 130980
Ion Ratio Lower Upper
95 100
174 73.6 0.0 149.0
176 71.7 0.0 146.0

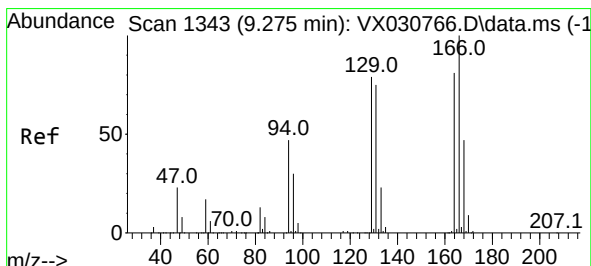
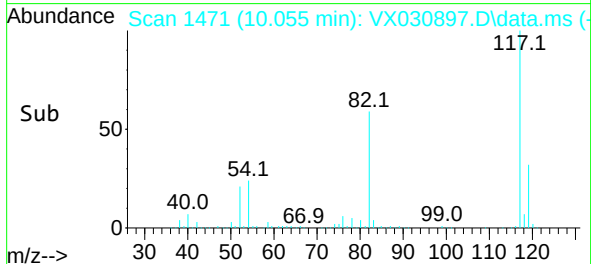
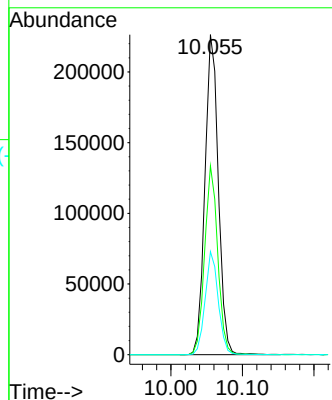
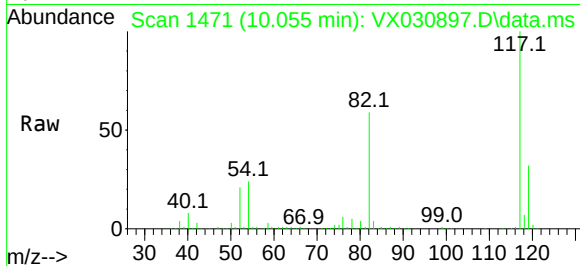




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030897.D
Acq: 28 Aug 2022 02:50

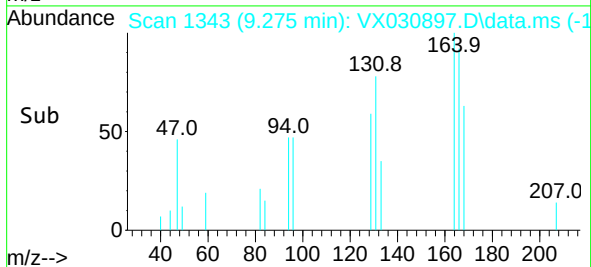
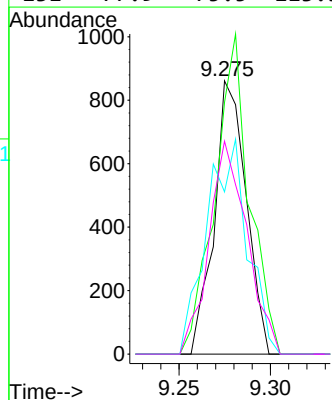
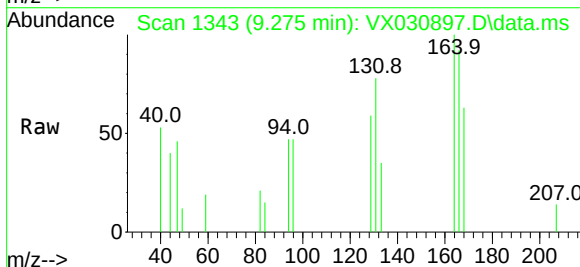
Instrument :
MSVOA_X
ClientSampleId :
TT17411-20220823

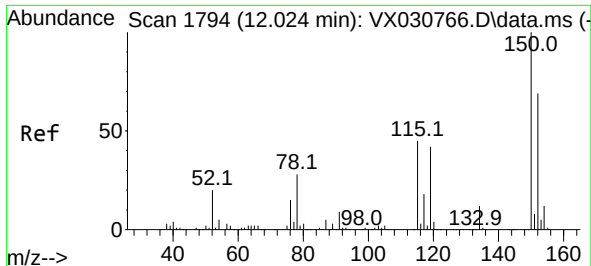
Tgt Ion:117 Resp: 294392
Ion Ratio Lower Upper
117 100
82 59.0 42.7 64.1
119 32.2 25.4 38.2



#64
Tetrachloroethene
Concen: 0.451 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX030897.D
Acq: 28 Aug 2022 02:50

Tgt Ion:164 Resp: 1046
Ion Ratio Lower Upper
164 100
166 92.1 98.2 147.4#
129 59.3 80.8 121.2#
131 77.9 75.5 113.3

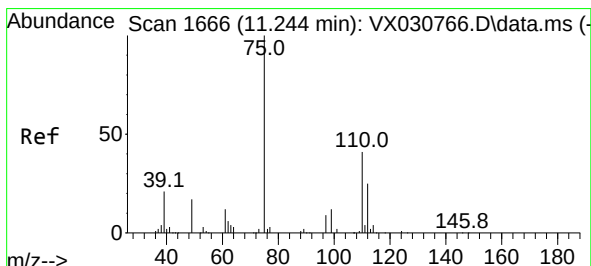
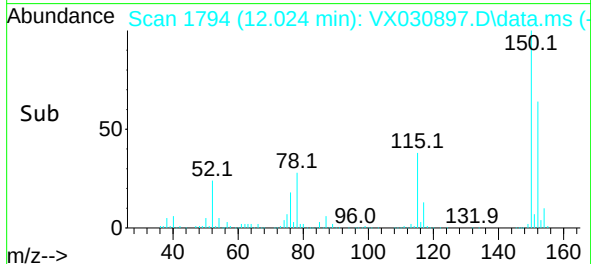
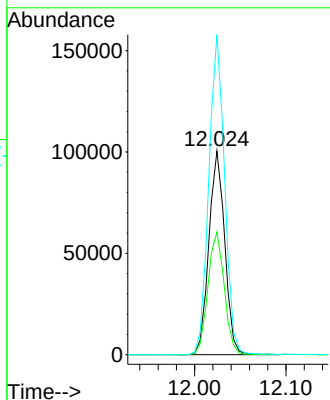
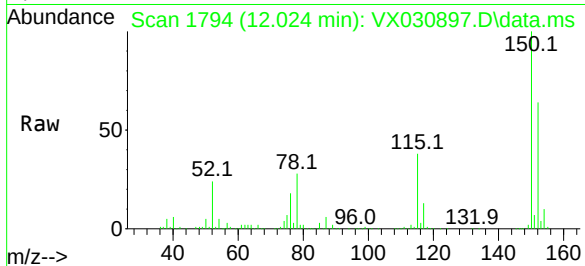




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030897.D
 Acq: 28 Aug 2022 02:50

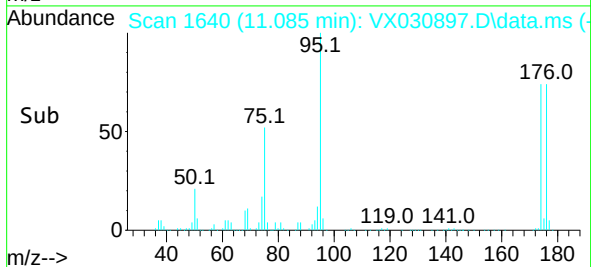
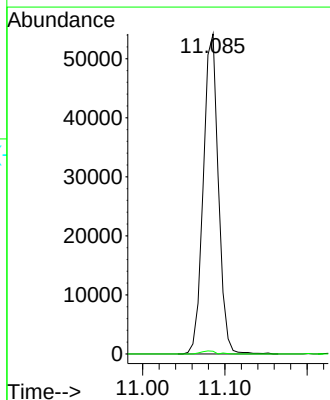
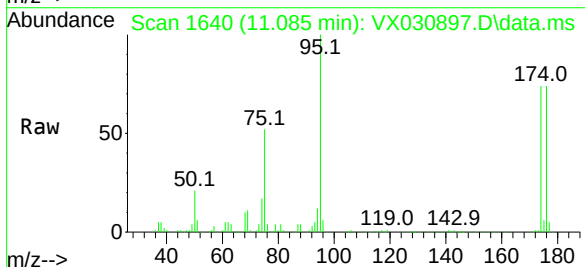
Instrument :
 MSVOA_X
 ClientSampleId :
 TT17411-20220823

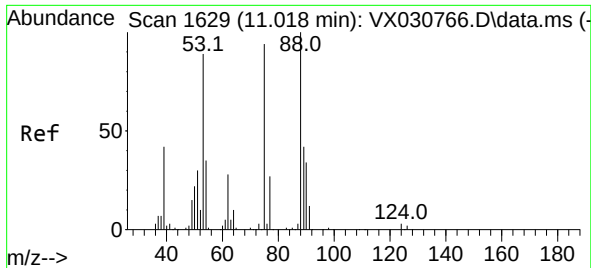
Tgt Ion:152 Resp: 120725
 Ion Ratio Lower Upper
 152 100
 115 61.8 40.5 121.5
 150 156.6 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 26.076 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX030897.D
 Acq: 28 Aug 2022 02:50

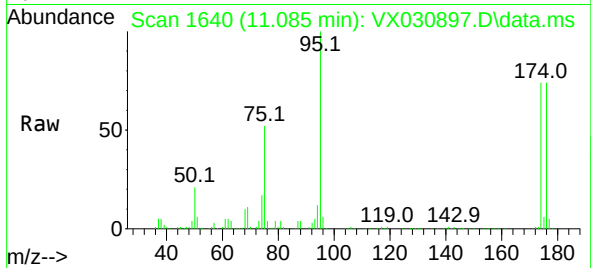
Tgt Ion: 75 Resp: 68969
 Ion Ratio Lower Upper
 75 100
 77 0.9 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.132 ug/l
 RT: 11.085 min Scan# 1
 Delta R.T. 0.067 min
 Lab File: VX030897.D
 Acq: 28 Aug 2022 02:50

Instrument :
 MSVOA_X
 ClientSampleId :
 TT17411-20220823



Tgt Ion: 75 Resp: 68969
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.2 111.4#
 89 0.0 34.8 52.2#

