

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032323\
 Data File : VX034692.D
 Acq On : 23 Mar 2023 12:18
 Operator : JC/MD
 Sample : 01998-03
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BROAD-CHANNEL-SUBSTATION-TP2

Quant Time: Mar 24 05:42:43 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

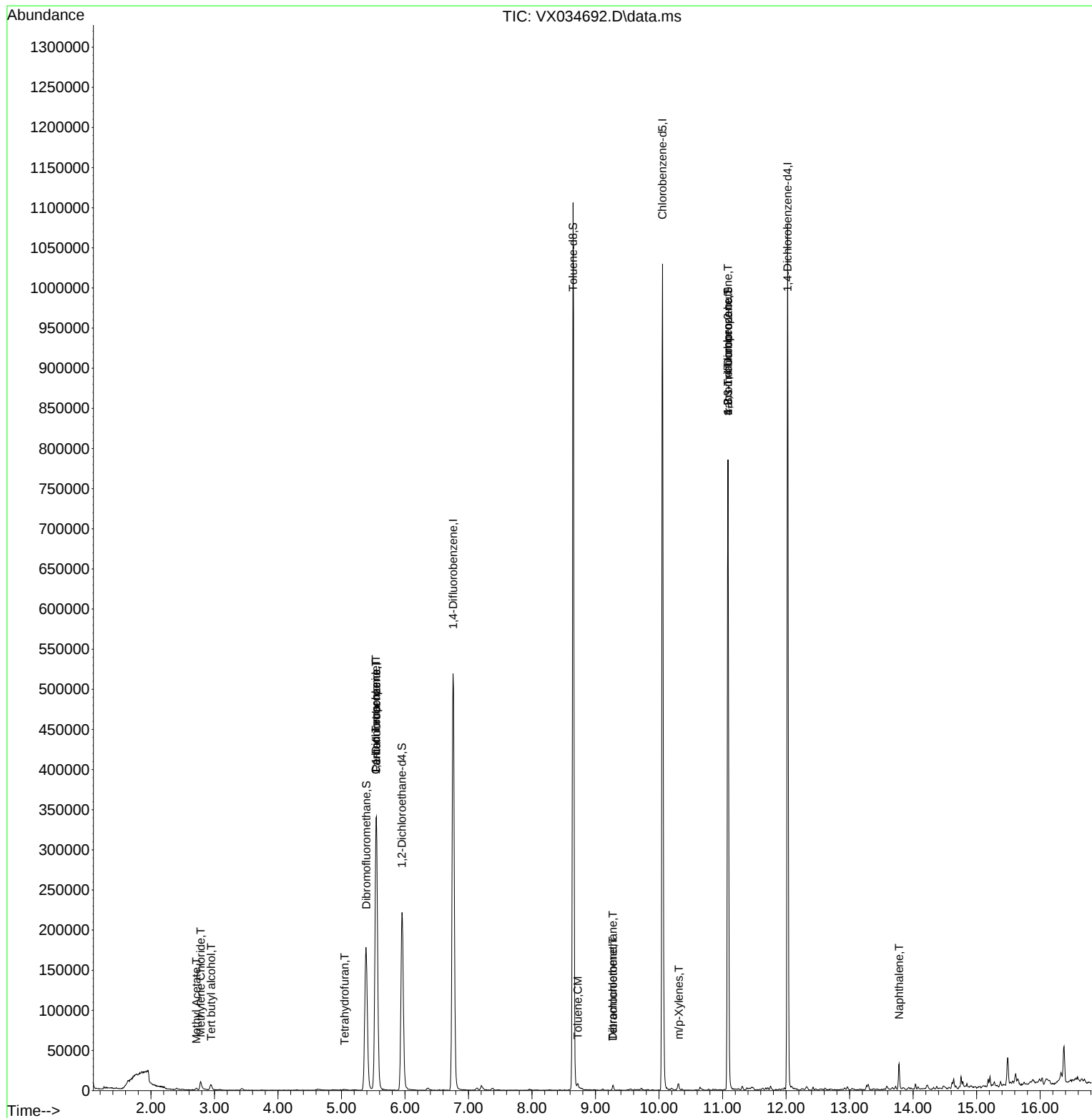
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

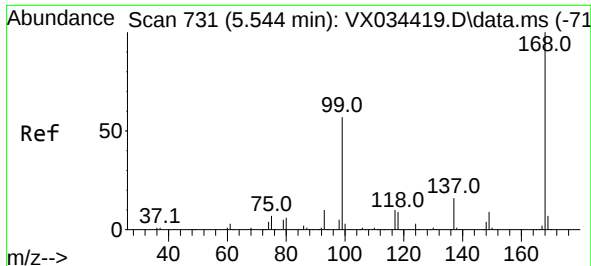
Internal Standards						
1) Pentafluorobenzene	5.550	168	314749	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	529302	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	470612	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	213967	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	220899	48.242	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.480%		
35) Dibromofluoromethane	5.391	113	155331	44.448	ug/l	0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.900%		
50) Toluene-d8	8.647	98	628888	48.206	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.420%		
62) 4-Bromofluorobenzene	11.085	95	237399	45.051	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.100%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	516	Below Cal	#	71
11) Tert butyl alcohol	2.947	59	4458	4.675	ug/l #	73
18) Methyl Acetate	2.715	43	2547	0.361	ug/l	98
20) Methylene Chloride	2.782	84	5591	1.336	ug/l	96
29) Tetrahydrofuran	5.050	42	668	0.351	ug/l #	71
36) 1,1-Dichloropropene	5.544	75	27685	5.158	ug/l #	50
38) Carbon Tetrachloride	5.544	117	33962	6.360	ug/l #	15
52) Toluene	8.720	92	2399	0.247	ug/l	90
60) Dibromochloromethane	9.275	129	908	0.224	ug/l #	10
64) Tetrachloroethene	9.275	164	1025	0.324	ug/l #	78
68) m/p-Xylenes	10.311	106	2304	0.324	ug/l	84
76) 1,2,3-Trichloropropane	11.085	75	123909	25.221	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.085	75	123909	68.230	ug/l #	8
95) Naphthalene	13.780	128	20271	1.287	ug/l	98

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

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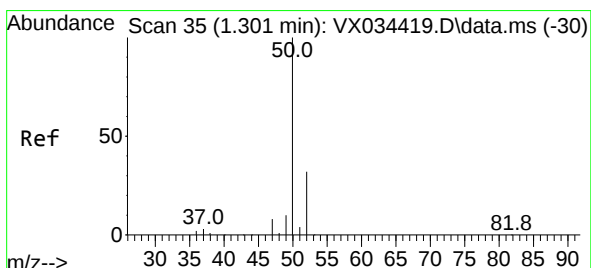
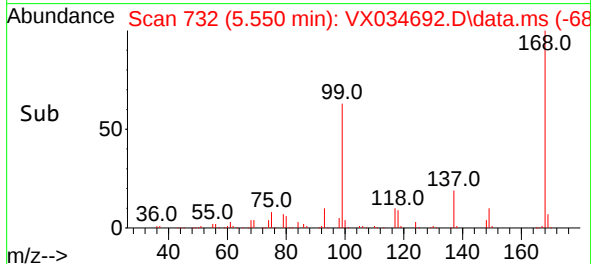
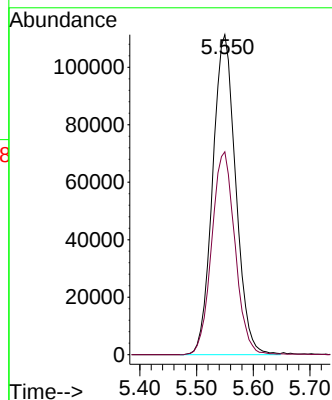
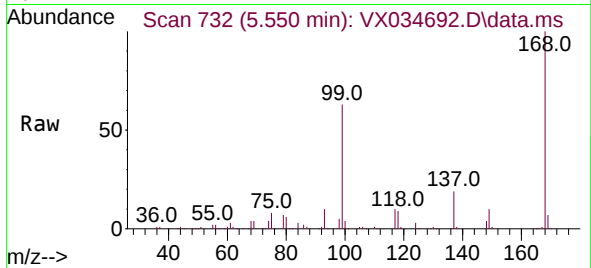




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034692.D
Acq: 23 Mar 2023 12:18

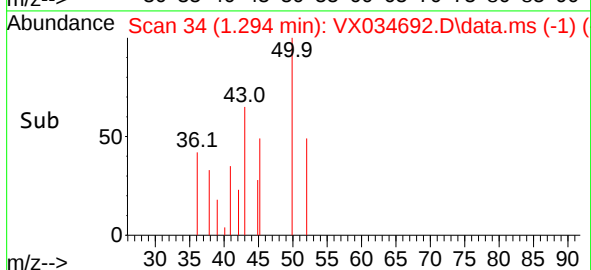
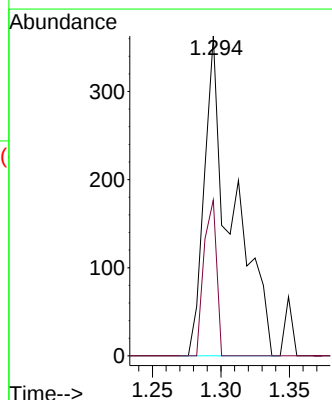
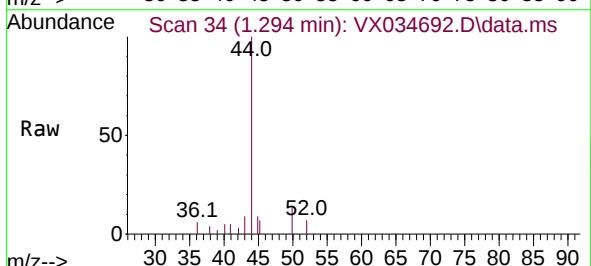
Instrument :
MSVOA_X
ClientSampleId :
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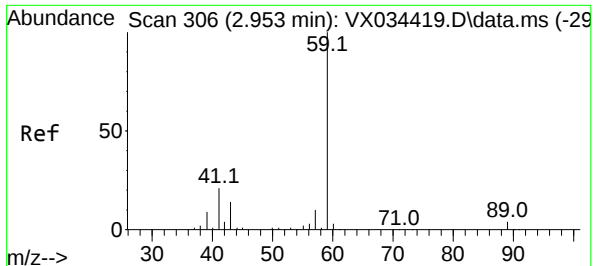
Tgt Ion:168 Resp: 314749
Ion Ratio Lower Upper
168 100
99 63.4 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. -0.007 min
Lab File: VX034692.D
Acq: 23 Mar 2023 12:18

Tgt Ion: 50 Resp: 516
Ion Ratio Lower Upper
50 100
52 48.8 25.9 38.9#

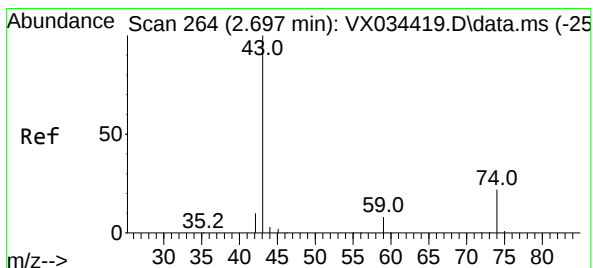
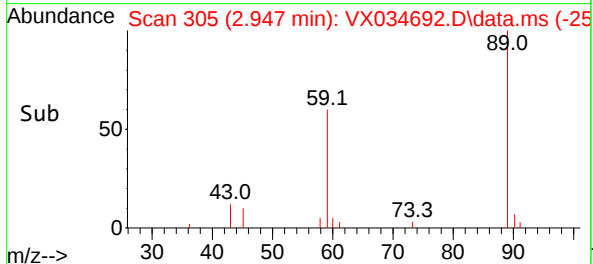
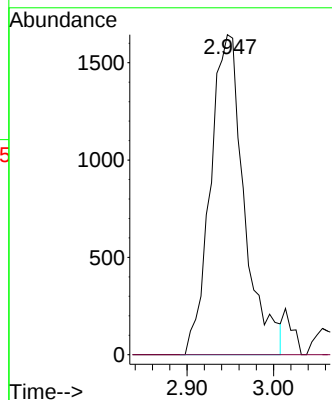
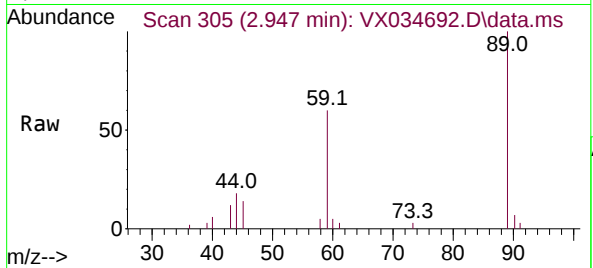




#11
Tert butyl alcohol
Concen: 4.675 ug/l
RT: 2.947 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX034692.D
Acq: 23 Mar 2023 12:18

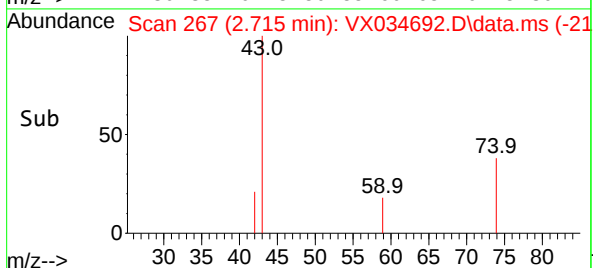
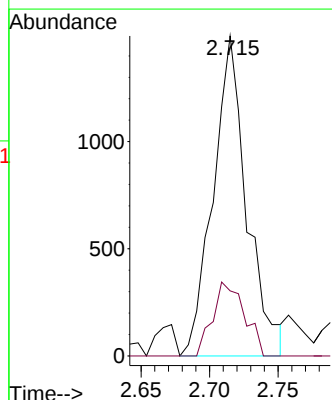
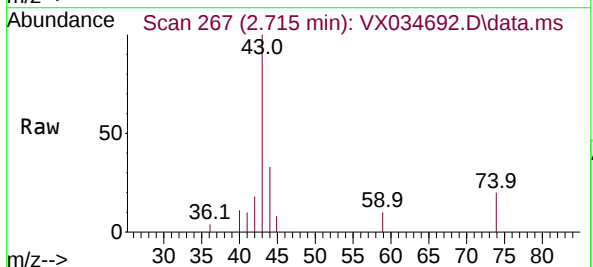
Instrument :
MSVOA_X
ClientSampleId :
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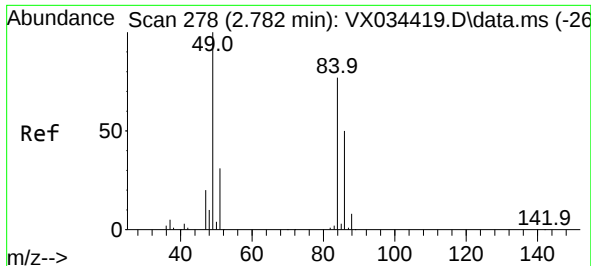
Tgt Ion: 59 Resp: 4458
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#18
Methyl Acetate
Concen: 0.361 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.018 min
Lab File: VX034692.D
Acq: 23 Mar 2023 12:18

Tgt Ion: 43 Resp: 2547
Ion Ratio Lower Upper
43 100
74 21.8 18.3 27.5

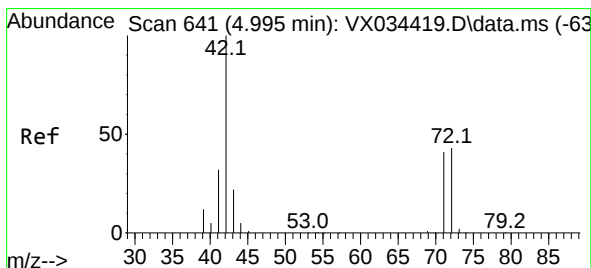
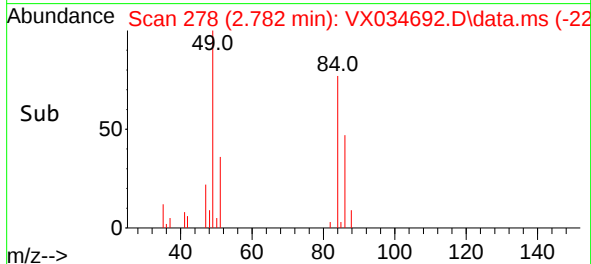
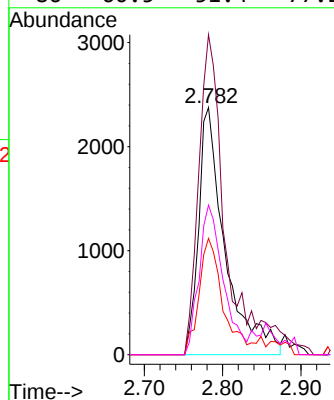
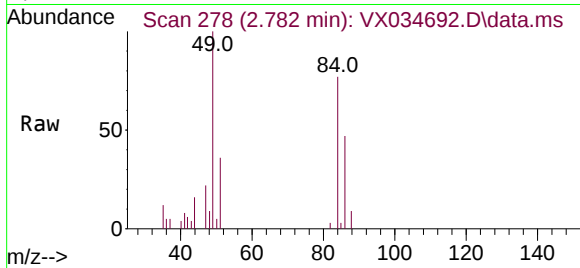




#20
Methylene Chloride
Concen: 1.336 ug/l
RT: 2.782 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX034692.D
Acq: 23 Mar 2023 12:18

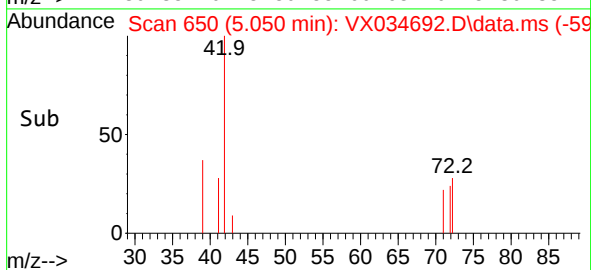
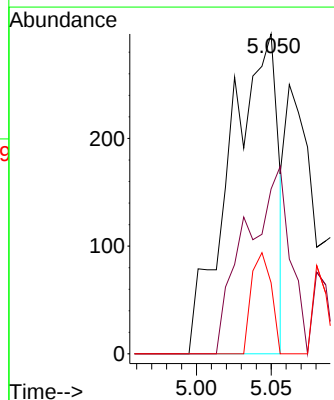
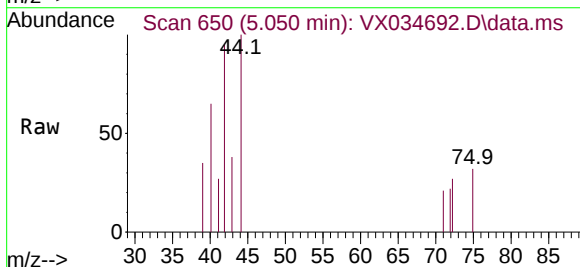
Instrument :
MSVOA_X
ClientSampleId :
BROAD-CHANNEL-SUBSTATION-TP2

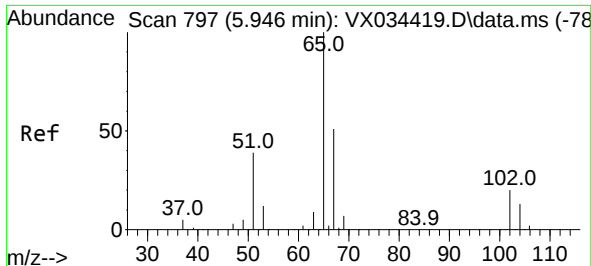
Tgt Ion:	84	Resp:	5591
Ion	Ratio	Lower	Upper
84	100		
49	129.4	103.8	155.8
51	47.1	31.8	47.8
86	60.5	51.4	77.2



#29
Tetrahydrofuran
Concen: 0.351 ug/l
RT: 5.050 min Scan# 650
Delta R.T. 0.055 min
Lab File: VX034692.D
Acq: 23 Mar 2023 12:18

Tgt Ion:	42	Resp:	668
Ion	Ratio	Lower	Upper
42	100		
72	53.3	34.5	51.7#
71	13.0	32.1	48.1#

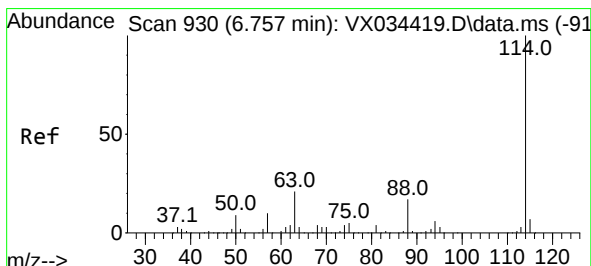
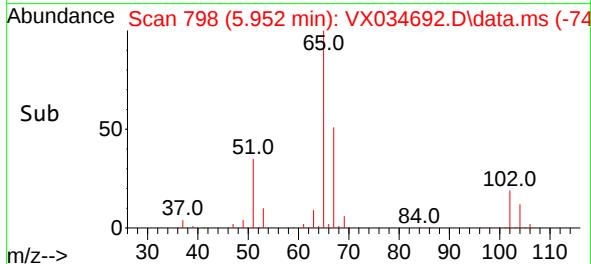
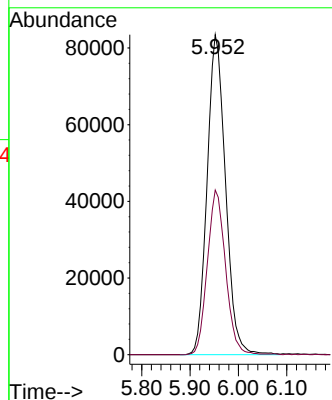
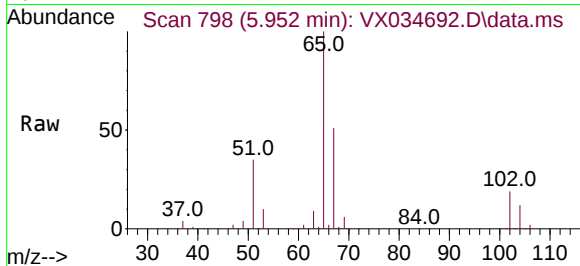




#33
 1,2-Dichloroethane-d4
 Concen: 48.242 ug/l
 RT: 5.952 min Scan# 797
 Delta R.T. 0.006 min
 Lab File: VX034692.D
 Acq: 23 Mar 2023 12:18

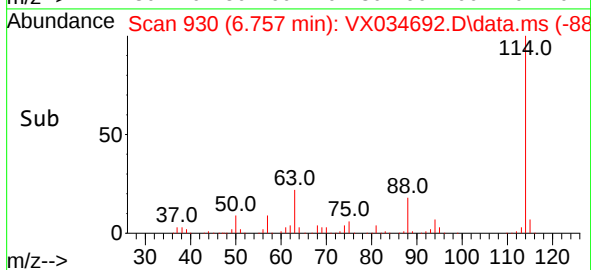
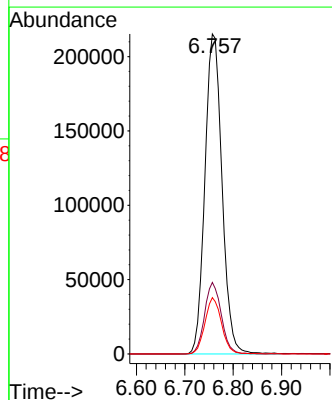
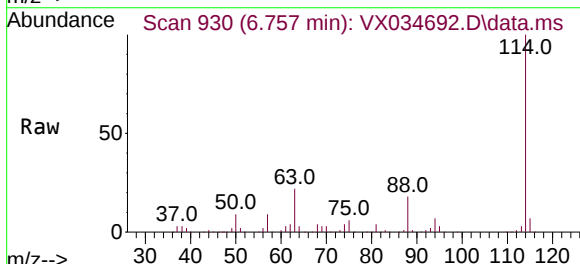
Instrument :
 MSVOA_X
 ClientSampleId :
 BROAD-CHANNEL-SUBSTATION-TP2

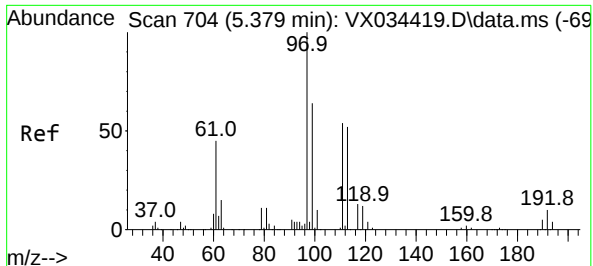
Tgt Ion: 65 Resp: 220899
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX034692.D
 Acq: 23 Mar 2023 12:18

Tgt Ion: 114 Resp: 529302
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 42.2
 88 17.6 0.0 33.2

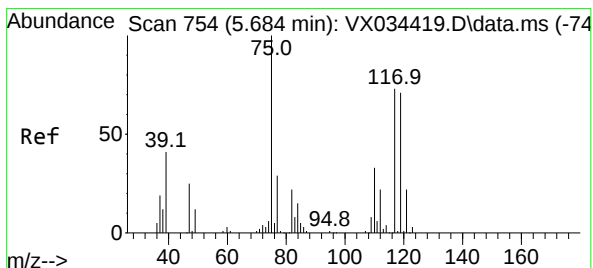
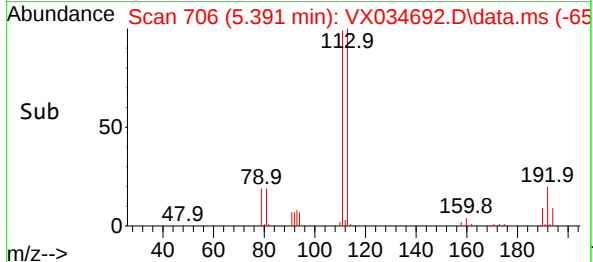
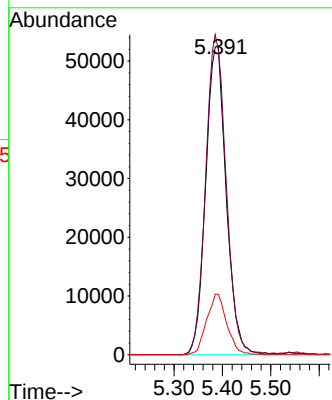
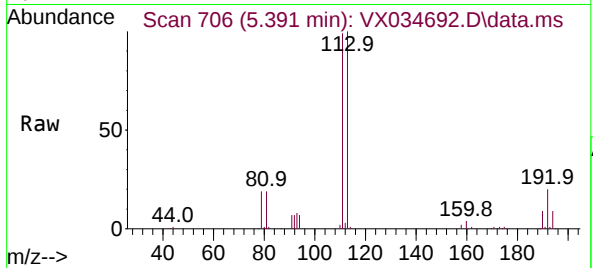




#35
Dibromofluoromethane
Concen: 44.448 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.012 min
Lab File: VX034692.D
Acq: 23 Mar 2023 12:18

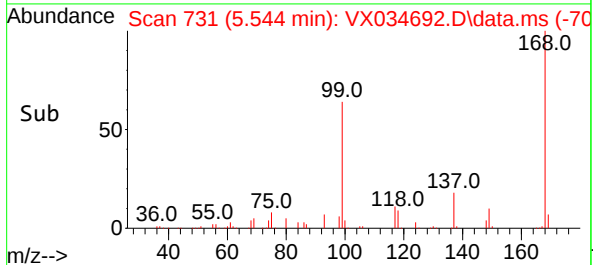
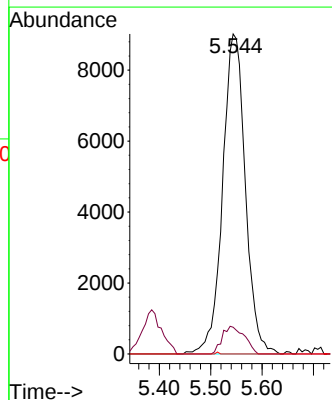
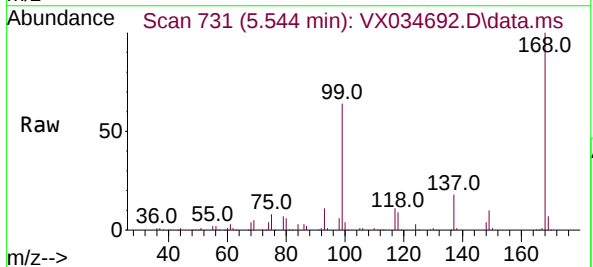
Instrument :
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ClientSampleId :
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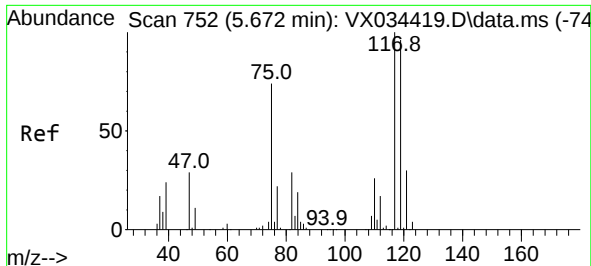
Tgt Ion:113 Resp: 155331
Ion Ratio Lower Upper
113 100
111 103.4 83.7 125.5
192 19.2 15.4 23.2



#36
1,1-Dichloropropene
Concen: 5.158 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX034692.D
Acq: 23 Mar 2023 12:18

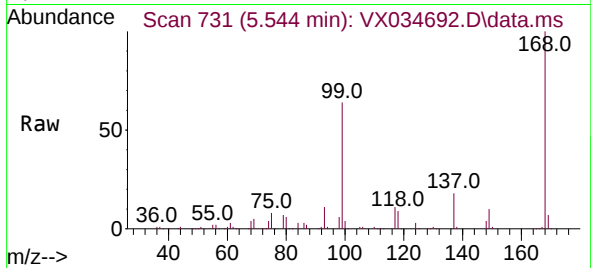
Tgt Ion: 75 Resp: 27685
Ion Ratio Lower Upper
75 100
110 8.4 17.5 52.5#
77 0.0 24.3 36.5#



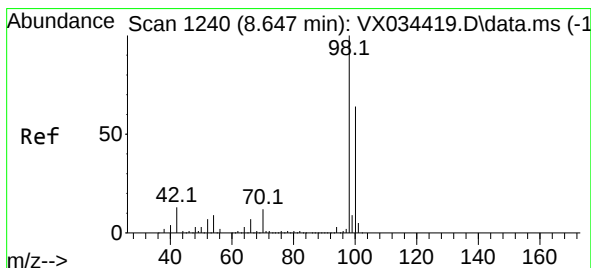
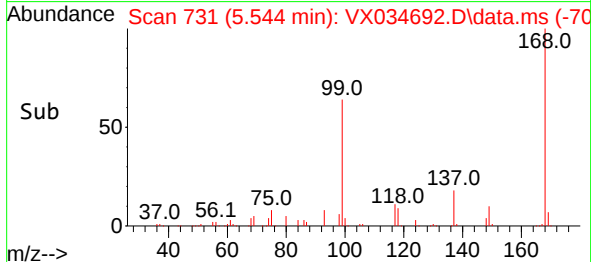
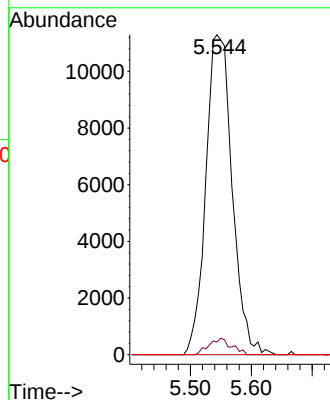


#38
Carbon Tetrachloride
Concen: 6.360 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX034692.D
Acq: 23 Mar 2023 12:18

Instrument :
MSVOA_X
ClientSampleId :
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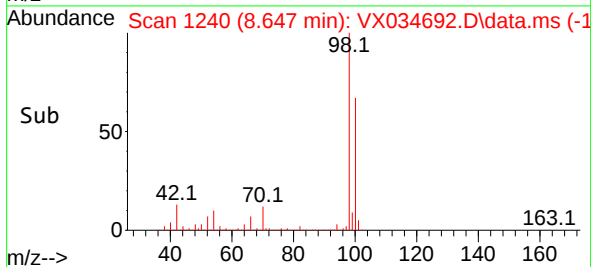
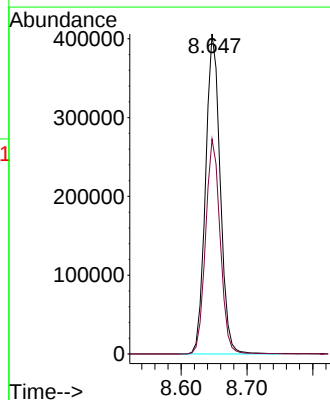
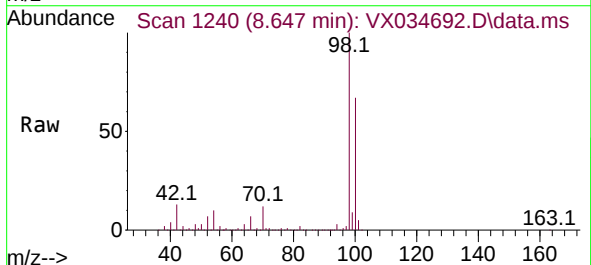


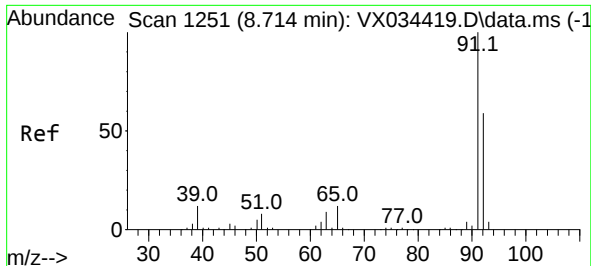
Tgt Ion:117 Resp: 33962
Ion Ratio Lower Upper
117 100
119 3.9 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 48.206 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034692.D
Acq: 23 Mar 2023 12:18

Tgt Ion: 98 Resp: 628888
Ion Ratio Lower Upper
98 100
100 67.0 52.5 78.7





#52

Toluene

Concen: 0.247 ug/l

RT: 8.720 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX034692.D

Acq: 23 Mar 2023 12:18

Instrument :

MSVOA_X

ClientSampleId :

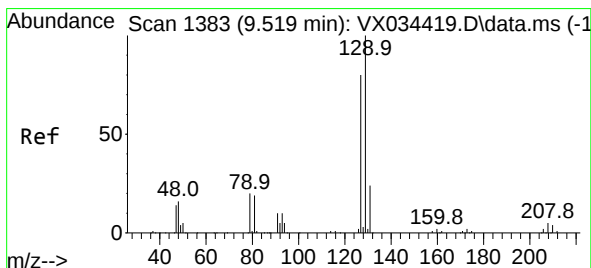
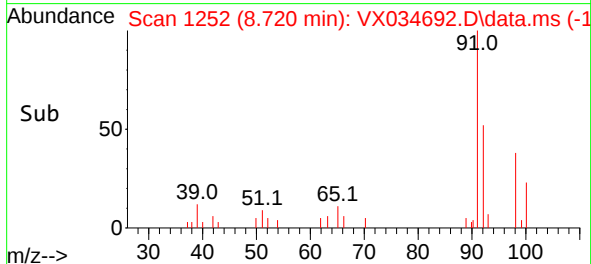
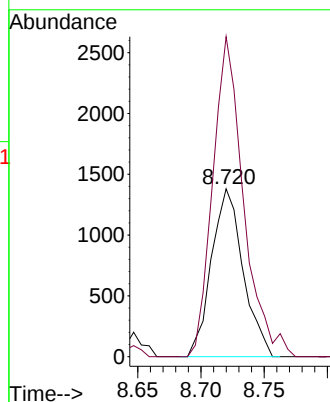
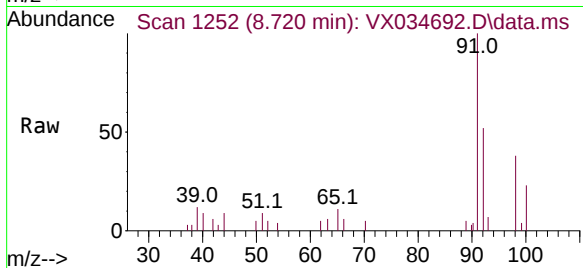
BROAD-CHANNEL-SUBSTATION-TP2

Tgt Ion: 92 Resp: 2399

Ion Ratio Lower Upper

92 100

91 185.4 136.8 205.2



#60

Dibromochloromethane

Concen: 0.224 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.244 min

Lab File: VX034692.D

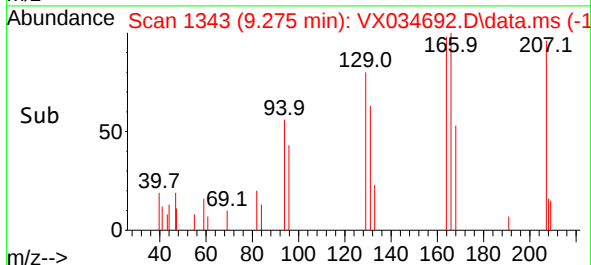
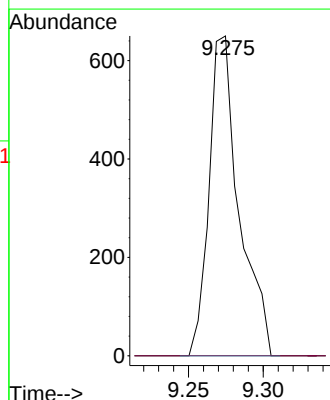
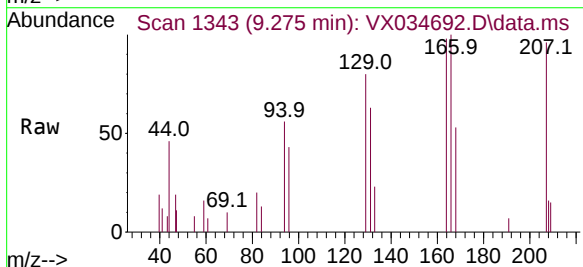
Acq: 23 Mar 2023 12:18

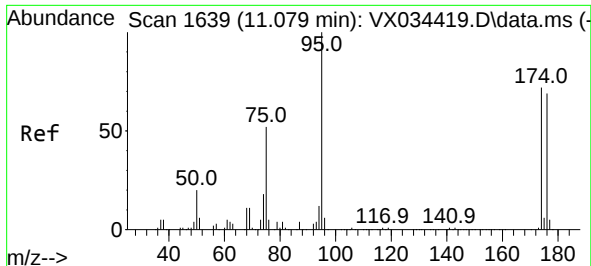
Tgt Ion: 129 Resp: 908

Ion Ratio Lower Upper

129 100

127 0.0 39.0 117.0#

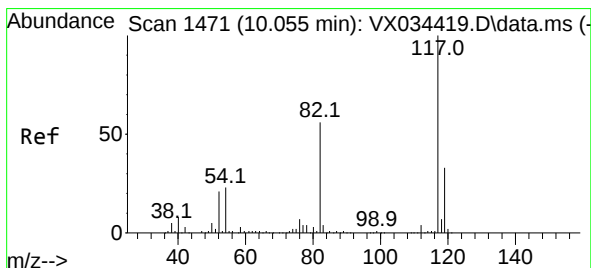
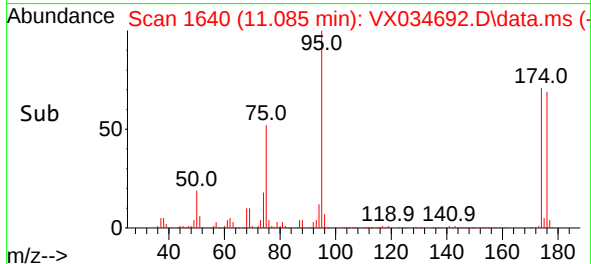
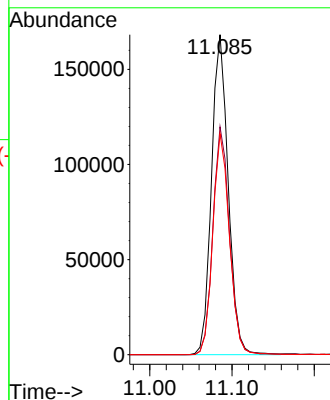
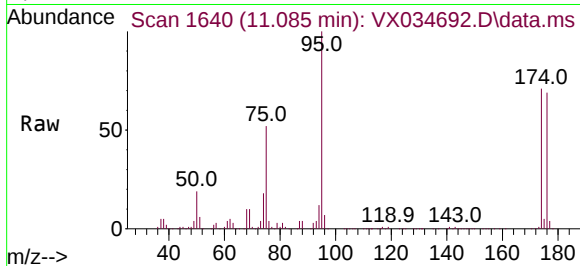




#62
4-Bromofluorobenzene
Concen: 45.051 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX034692.D
Acq: 23 Mar 2023 12:18

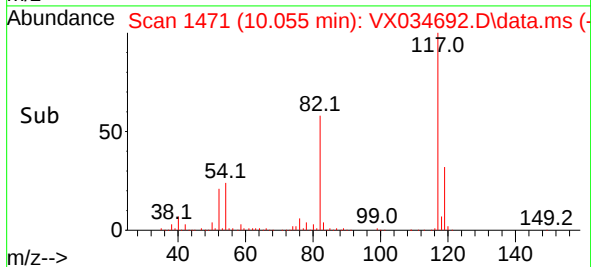
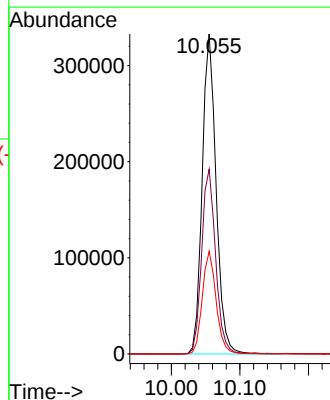
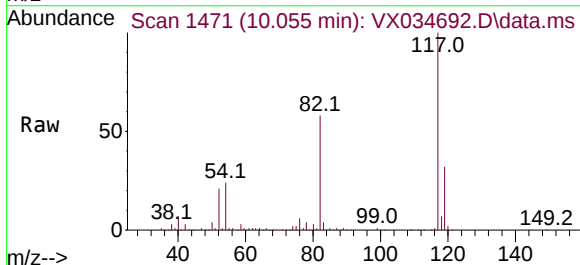
Instrument :
MSVOA_X
ClientSampleId :
BROAD-CHANNEL-SUBSTATION-TP2

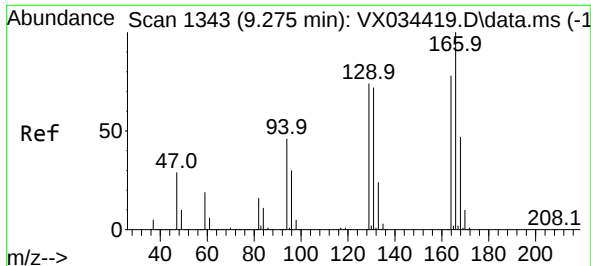
Tgt Ion: 95 Resp: 237399
Ion Ratio Lower Upper
95 100
174 71.0 0.0 147.4
176 69.0 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034692.D
Acq: 23 Mar 2023 12:18

Tgt Ion: 117 Resp: 470612
Ion Ratio Lower Upper
117 100
82 57.7 45.0 67.4
119 32.1 26.0 39.0

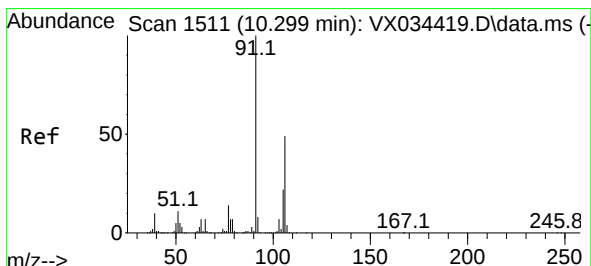
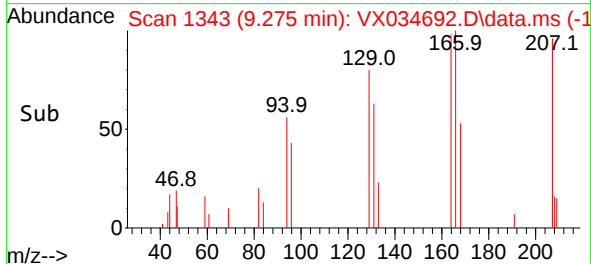
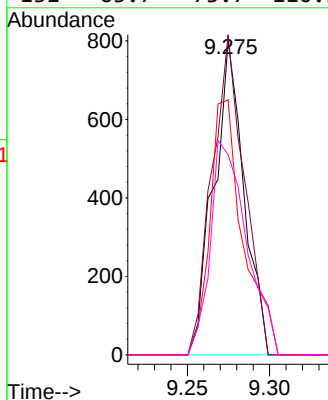
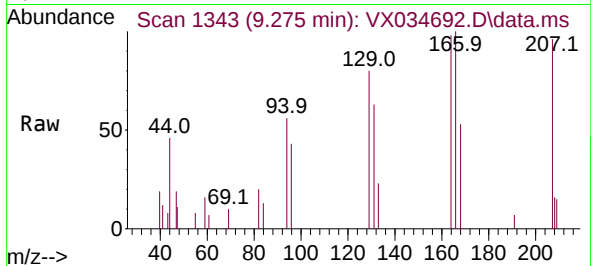




#64
Tetrachloroethene
Concen: 0.324 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034692.D
Acq: 23 Mar 2023 12:18

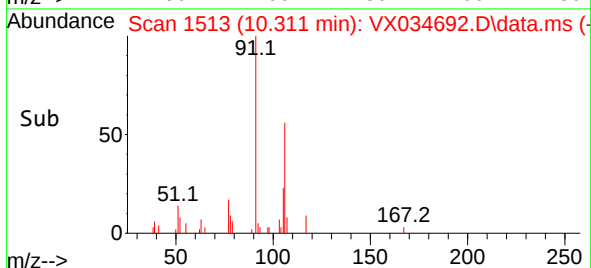
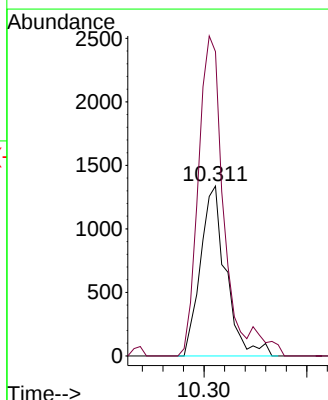
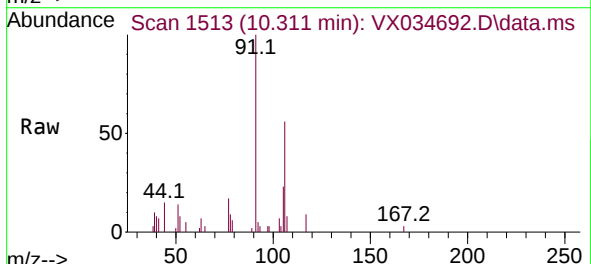
Instrument :
MSVOA_X
ClientSampleId :
BROAD-CHANNEL-SUBSTATION-TP2

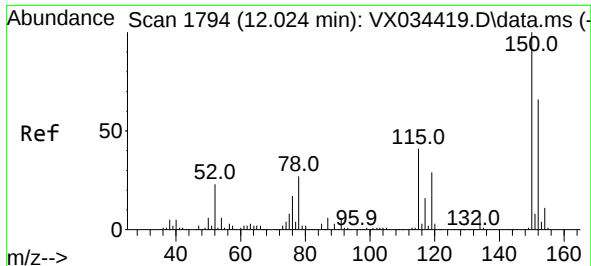
Tgt Ion:164 Resp: 1025
Ion Ratio Lower Upper
164 100
166 101.9 102.7 154.1#
129 81.1 75.6 113.4
131 63.7 73.7 110.5#



#68
m/p-Xylenes
Concen: 0.324 ug/l
RT: 10.311 min Scan# 1513
Delta R.T. 0.012 min
Lab File: VX034692.D
Acq: 23 Mar 2023 12:18

Tgt Ion:106 Resp: 2304
Ion Ratio Lower Upper
106 100
91 179.9 164.0 246.0

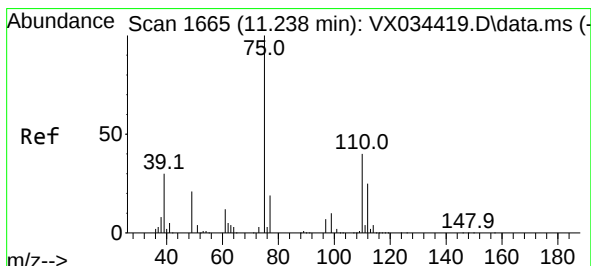
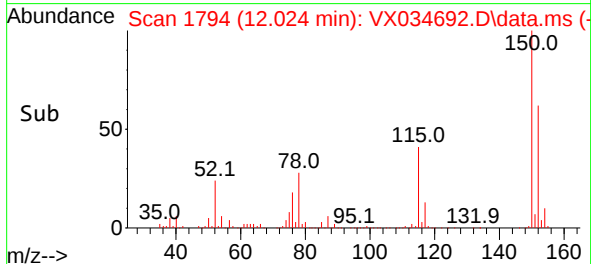
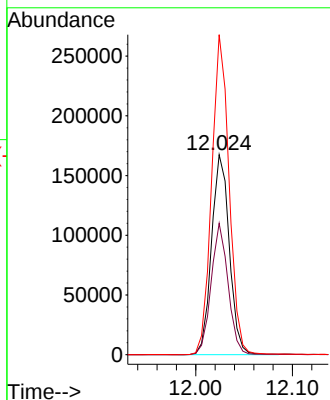
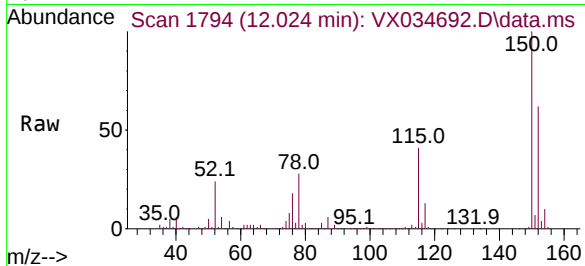




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034692.D
Acq: 23 Mar 2023 12:18

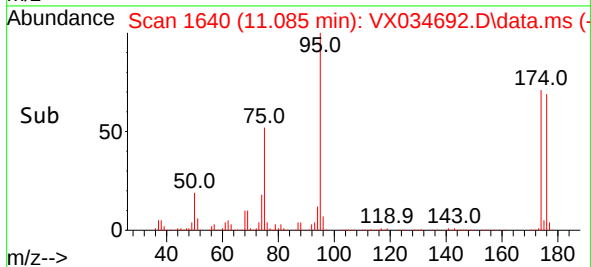
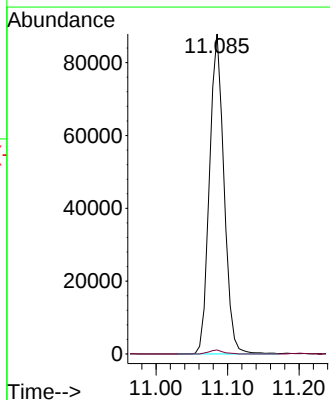
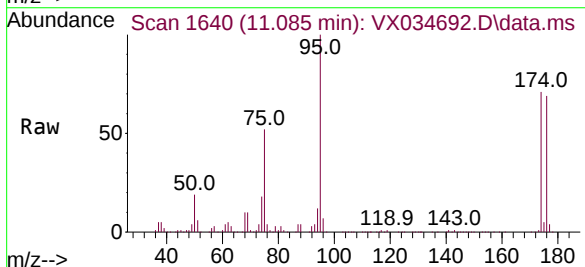
Instrument :
MSVOA_X
ClientSampleId :
BROAD-CHANNEL-SUBSTATION-TP2

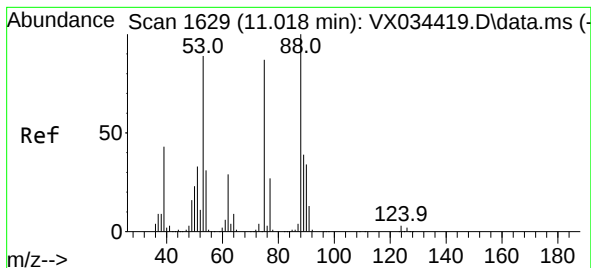
Tgt Ion:152 Resp: 213967
Ion Ratio Lower Upper
152 100
115 62.9 45.0 135.0
150 157.1 0.0 352.4



#76
1,2,3-Trichloropropane
Concen: 25.221 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.152 min
Lab File: VX034692.D
Acq: 23 Mar 2023 12:18

Tgt Ion: 75 Resp: 123909
Ion Ratio Lower Upper
75 100
77 1.2 21.6 64.8#

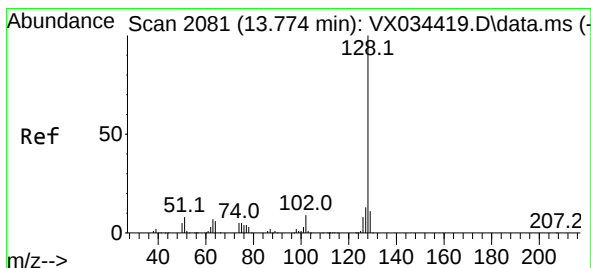
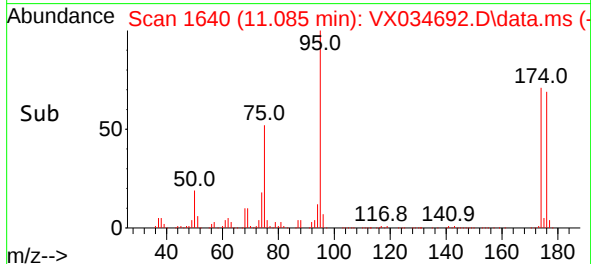
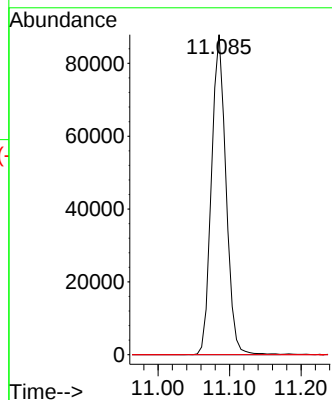
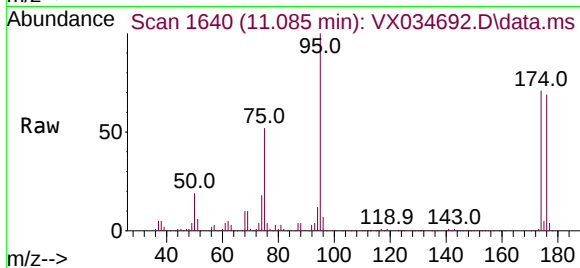




#81
trans-1,4-Dichloro-2-butene
Concen: 68.230 ug/l
RT: 11.085 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX034692.D
Acq: 23 Mar 2023 12:18

Instrument :
MSVOA_X
ClientSampleId :
BROAD-CHANNEL-SUBSTATION-TP2

Tgt Ion: 75 Resp: 123909
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 1.287 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX034692.D
Acq: 23 Mar 2023 12:18

Tgt Ion: 128 Resp: 20271
Ion Ratio Lower Upper
128 100
127 13.7 10.2 15.4
129 11.5 8.6 13.0

