

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060922\
 Data File : VX029354.D
 Acq On : 09 Jun 2022 18:45
 Operator : JC/MD
 Sample : N3266-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 10 08:10:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 08 03:00:38 2022
 Response via : Initial Calibration

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

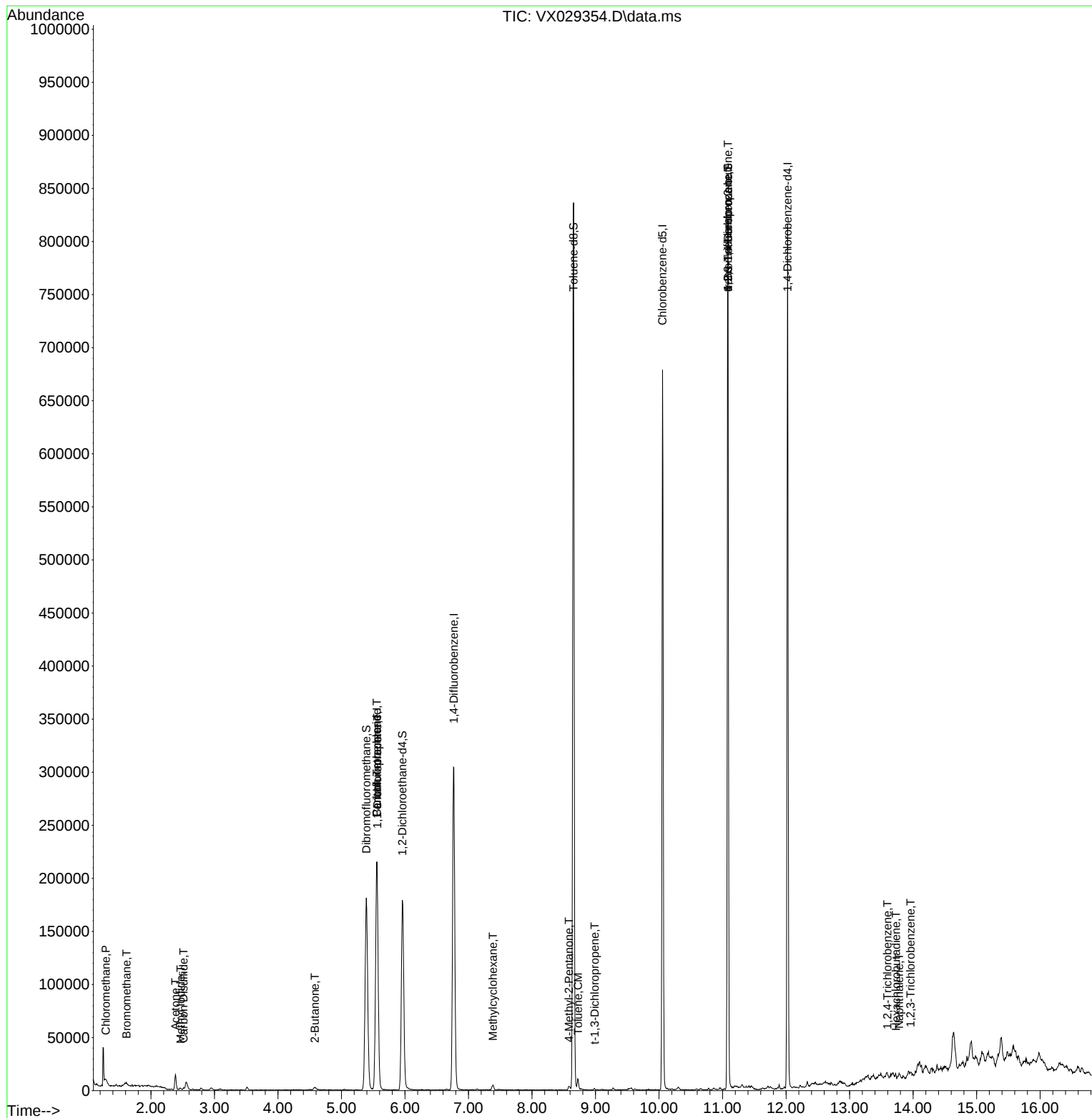
Internal Standards						
1) Pentafluorobenzene	5.556	168	200225	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	327402	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	308278	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	165714	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	177664	58.593	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 117.180%			
35) Dibromofluoromethane	5.391	113	159040	57.139	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 114.280%			
50) Toluene-d8	8.653	98	498010	50.590	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.180%			
62) 4-Bromofluorobenzene	11.085	95	231734	60.154	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 120.300%			
Target Compounds					Qvalue	
3) Chloromethane	1.288	50	826	0.243	ug/l	93
5) Bromomethane	1.617	94	1031	0.547	ug/l	97
6) Chloroethane	1.703	64	305	Below Cal	#	71
10) Methyl Iodide	2.465	142	1838	1.705	ug/l #	86
11) Tert butyl alcohol	2.953	59	1852	Below Cal	#	72
16) Acetone	2.386	43	14771	9.119	ug/l	97
17) Carbon Disulfide	2.514	76	2268	0.306	ug/l	96
25) 2-Butanone	4.580	43	4315	1.684	ug/l	96
36) 1,1-Dichloropropene	5.562	75	14997	3.262	ug/l #	51
38) Carbon Tetrachloride	5.556	117	20565	4.376	ug/l #	15
39) Methylcyclohexane	7.385	83	2235	0.395	ug/l	90
41) Methacrylonitrile	5.044	41	195	Below Cal	#	23
51) 4-Methyl-2-Pentanone	8.580	43	2236	0.479	ug/l	88
52) Toluene	8.726	92	3991	0.454	ug/l	84
53) t-1,3-Dichloropropene	8.988	75	112	1.338	ug/l #	43
76) 1,2,3-Trichloropropane	11.085	75	114462	29.572	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	114462	90.118	ug/l #	15
93) 1,2,4-Trichlorobenzene	13.597	180	753	0.220	ug/l	81
94) Hexachlorobutadiene	13.731	225	637	0.448	ug/l	91
95) Naphthalene	13.780	128	2828	0.234	ug/l #	73
96) 1,2,3-Trichlorobenzene	13.963	180	931	0.273	ug/l #	80

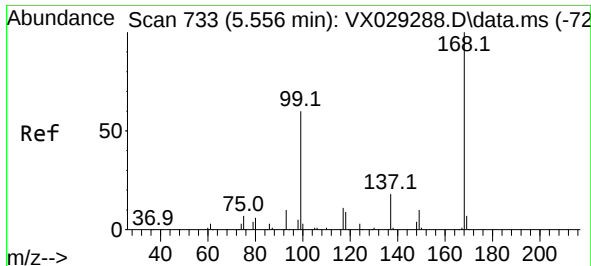
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

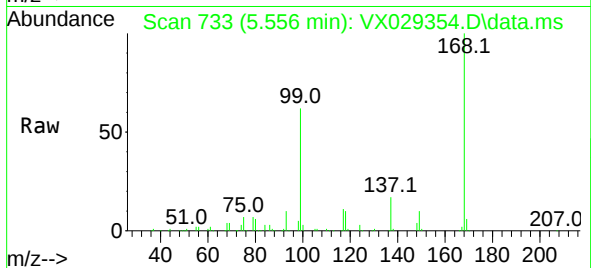
Quant Time: Jun 10 08:10:18 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060722W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 08 03:00:38 2022
Response via : Initial Calibration



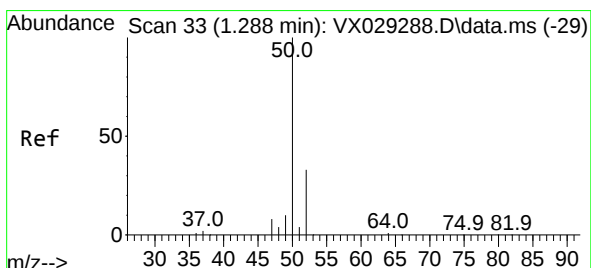
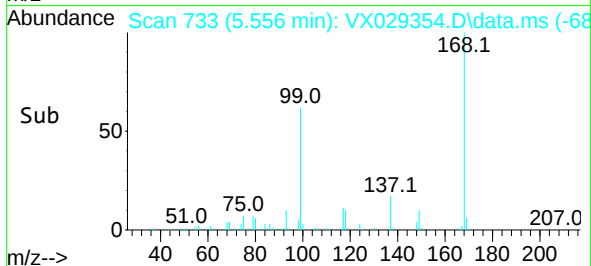
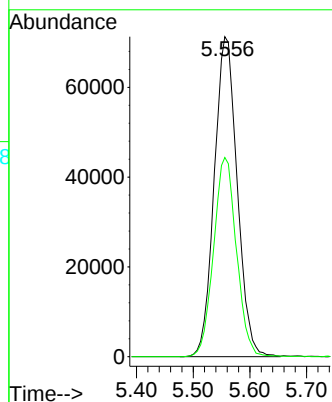


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029354.D
Acq: 09 Jun 2022 18:45

Instrument :
MSVOA_X
ClientSampleId :

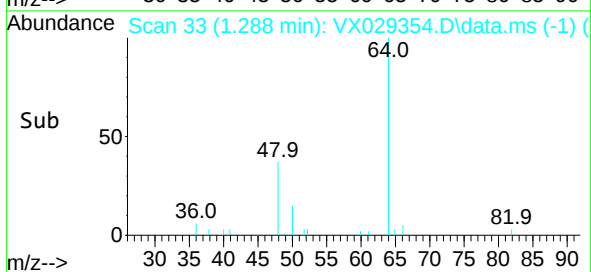
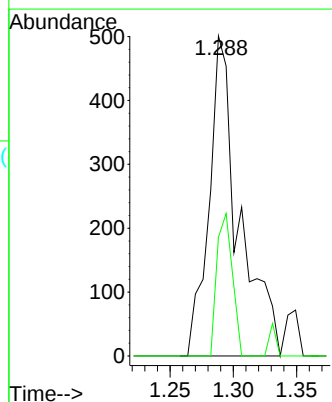
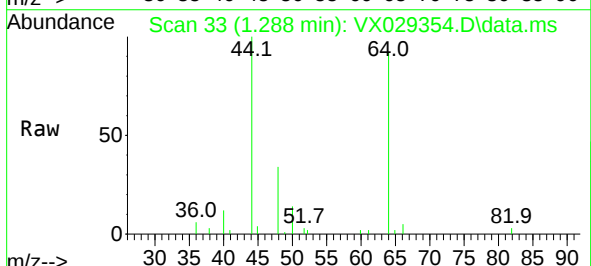


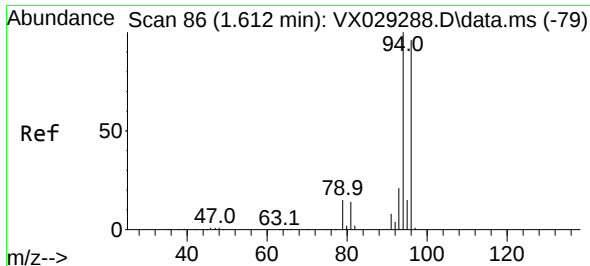
Tgt Ion:168 Resp: 200225
Ion Ratio Lower Upper
168 100
99 62.2 41.7 62.5



#3
Chloromethane
Concen: 0.243 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.000 min
Lab File: VX029354.D
Acq: 09 Jun 2022 18:45

Tgt Ion: 50 Resp: 826
Ion Ratio Lower Upper
50 100
52 37.1 26.4 39.6

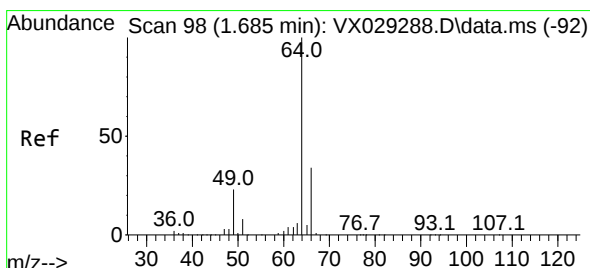
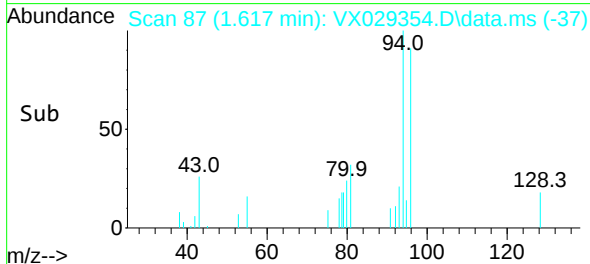
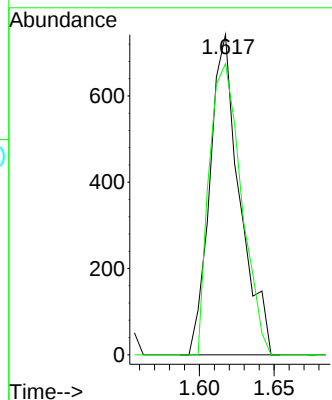
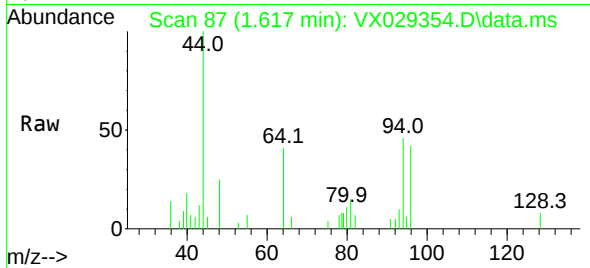




#5
Bromomethane
Concen: 0.547 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.005 min
Lab File: VX029354.D
Acq: 09 Jun 2022 18:45

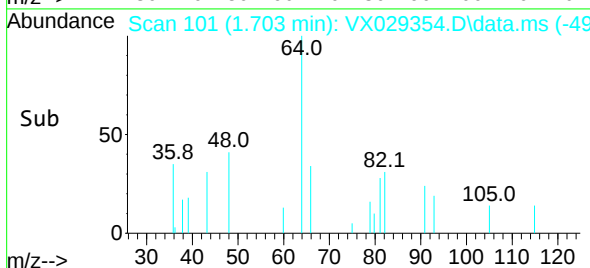
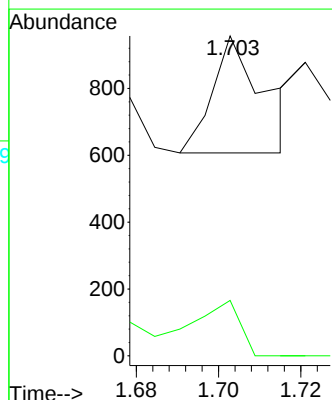
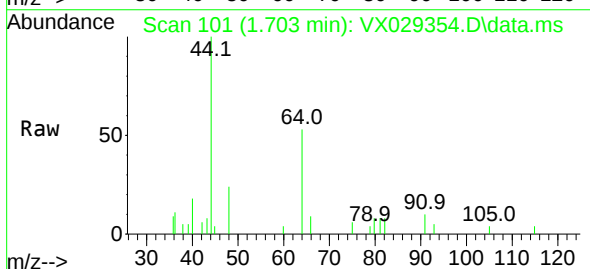
Instrument :
MSVOA_X
ClientSampleId :

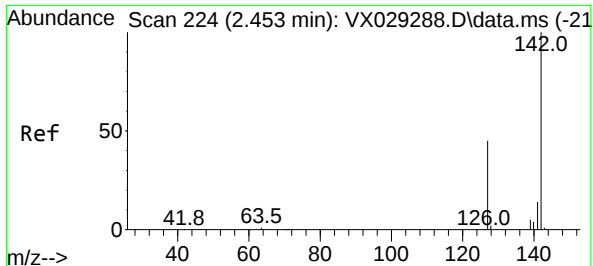
Tgt Ion: 94 Resp: 1031
Ion Ratio Lower Upper
94 100
96 91.0 75.3 112.9



#6
Chloroethane
Concen: Below Cal
RT: 1.703 min Scan# 101
Delta R.T. 0.018 min
Lab File: VX029354.D
Acq: 09 Jun 2022 18:45

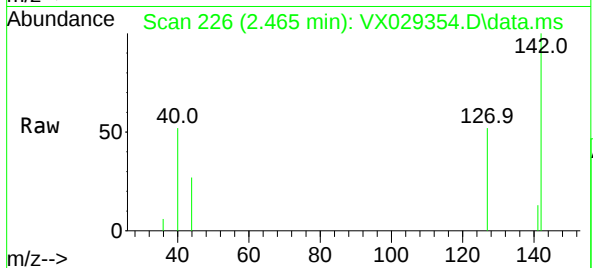
Tgt Ion: 64 Resp: 305
Ion Ratio Lower Upper
64 100
66 47.4 25.3 37.9#



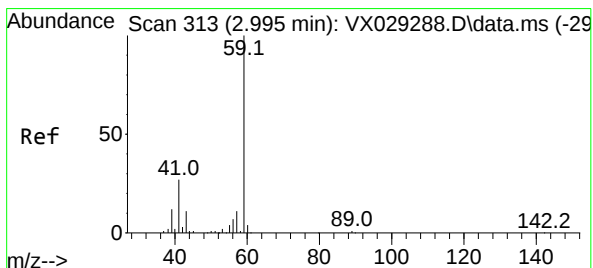
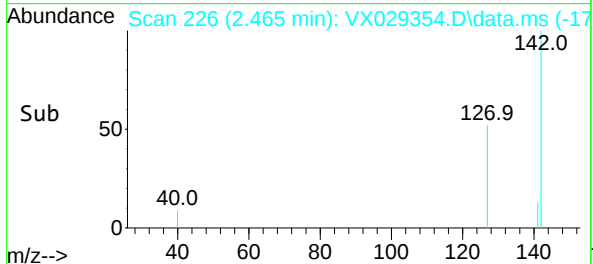
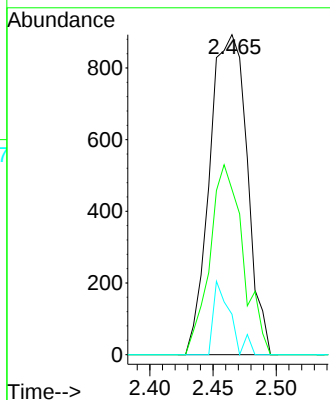


#10
Methyl Iodide
Concen: 1.705 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX029354.D
Acq: 09 Jun 2022 18:45

Instrument :
MSVOA_X
ClientSampleId :

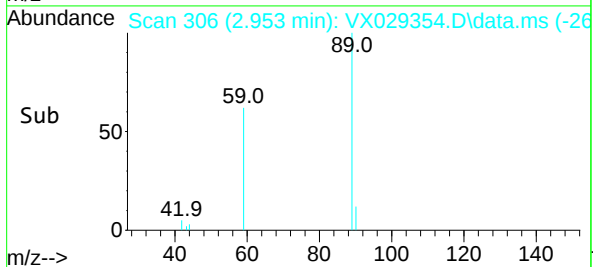
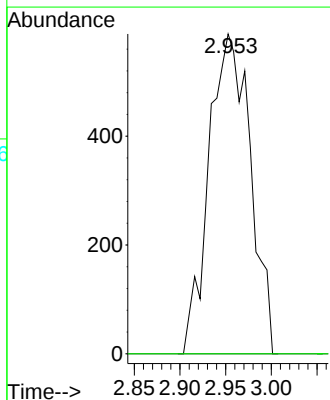
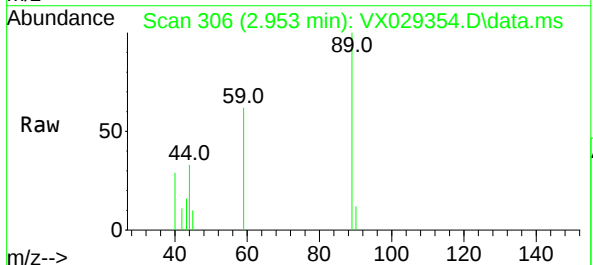


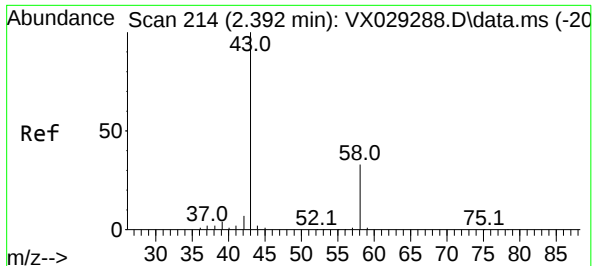
Tgt Ion:142 Resp: 1838
Ion Ratio Lower Upper
142 100
127 52.6 33.9 50.9#
141 10.4 11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.042 min
Lab File: VX029354.D
Acq: 09 Jun 2022 18:45

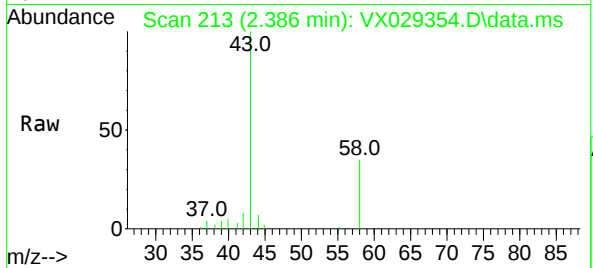
Tgt Ion: 59 Resp: 1852
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



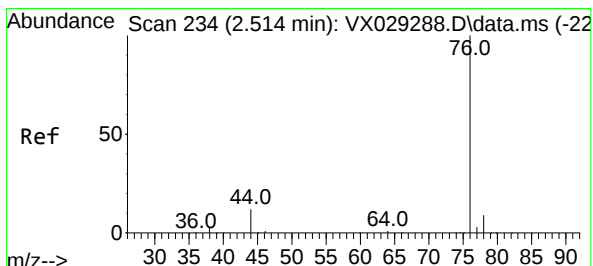
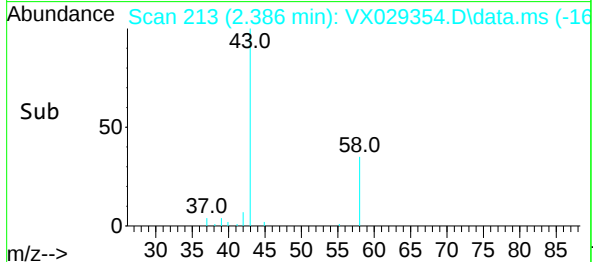
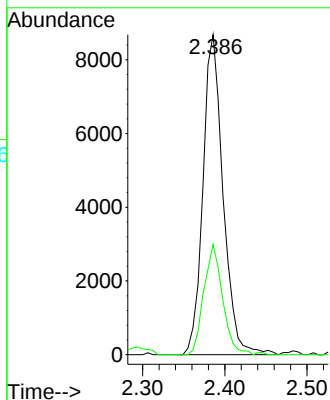


#16
Acetone
Concen: 9.119 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX029354.D
Acq: 09 Jun 2022 18:45

Instrument :
MSVOA_X
ClientSampleId :

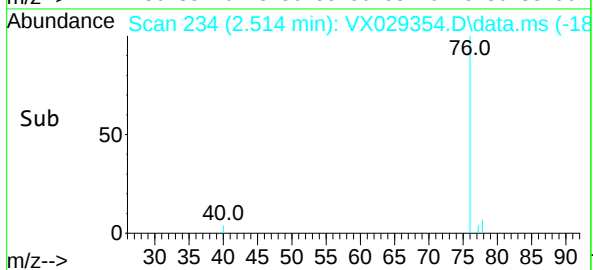
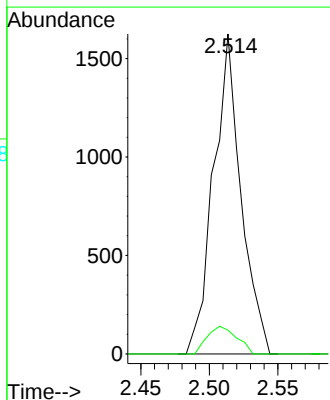
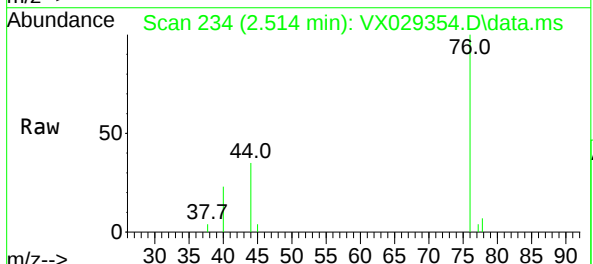


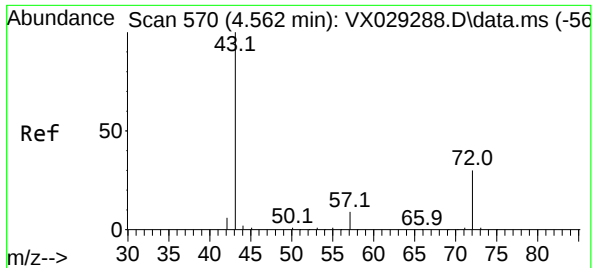
Tgt Ion: 43 Resp: 14771
Ion Ratio Lower Upper
43 100
58 34.5 28.8 43.2



#17
Carbon Disulfide
Concen: 0.306 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX029354.D
Acq: 09 Jun 2022 18:45

Tgt Ion: 76 Resp: 2268
Ion Ratio Lower Upper
76 100
78 7.4 7.2 10.8

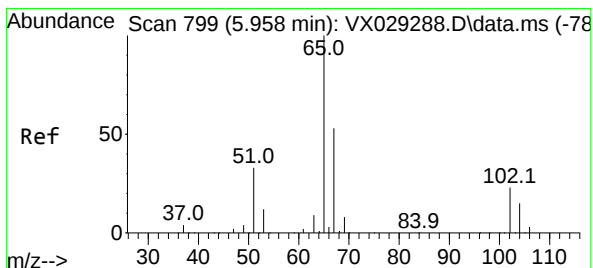
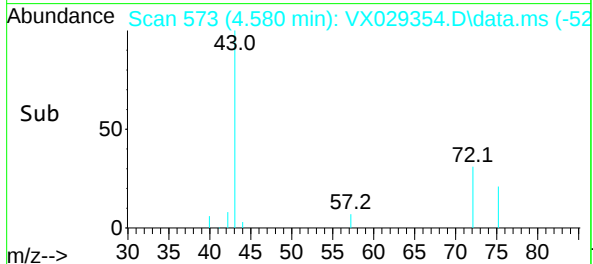
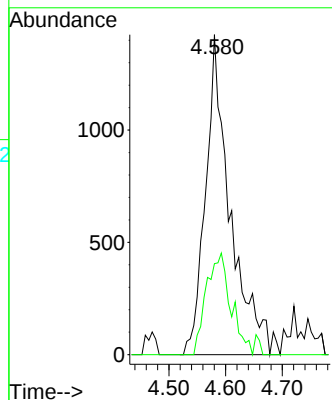
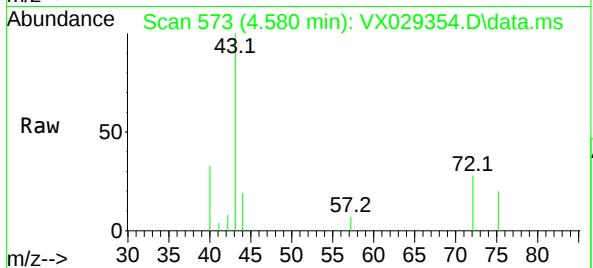




#25
2-Butanone
Concen: 1.684 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX029354.D
Acq: 09 Jun 2022 18:45

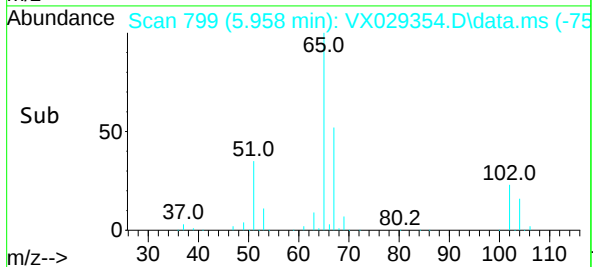
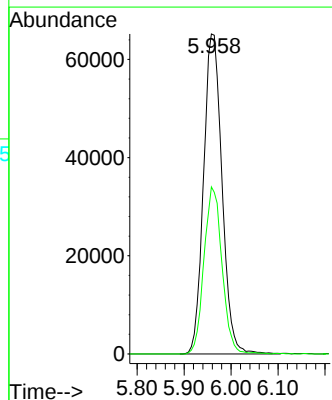
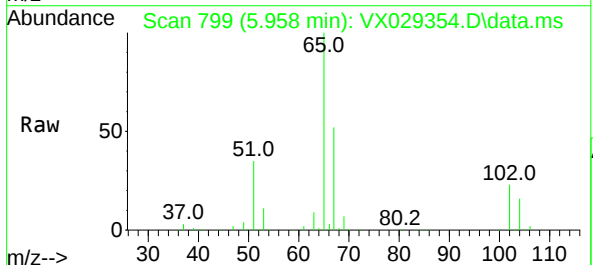
Instrument :
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ClientSampleId :

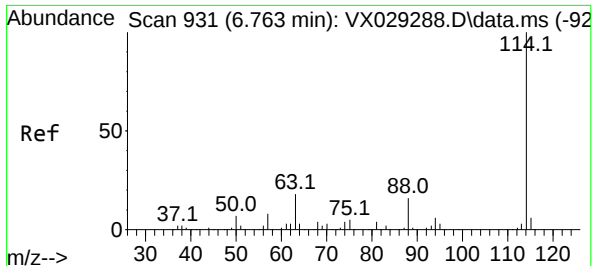
Tgt Ion: 43 Resp: 4315
Ion Ratio Lower Upper
43 100
72 28.4 24.4 36.6



#33
1,2-Dichloroethane-d4
Concen: 58.593 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029354.D
Acq: 09 Jun 2022 18:45

Tgt Ion: 65 Resp: 177664
Ion Ratio Lower Upper
65 100
67 50.7 0.0 107.4

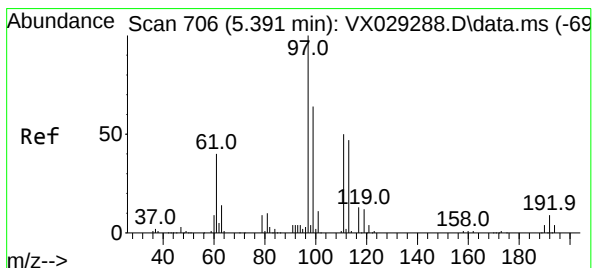
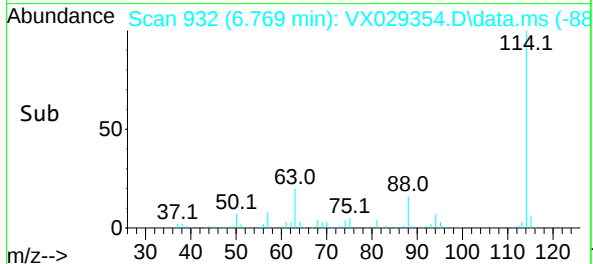
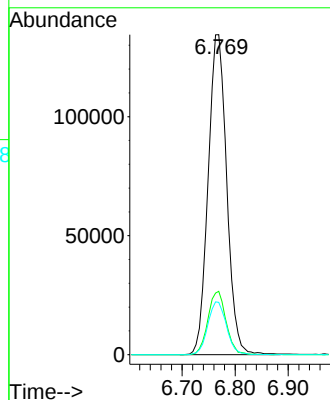
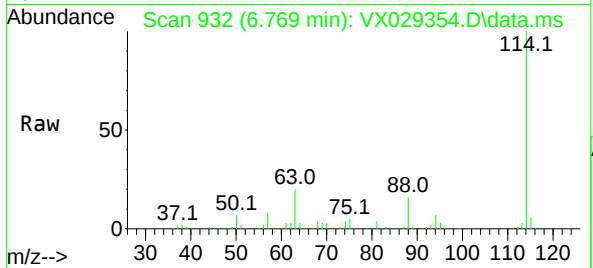




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX029354.D
Acq: 09 Jun 2022 18:45

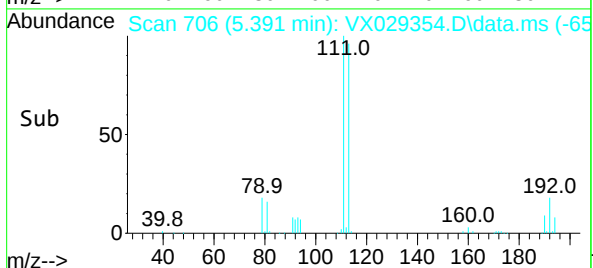
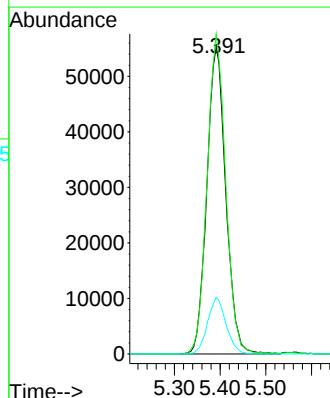
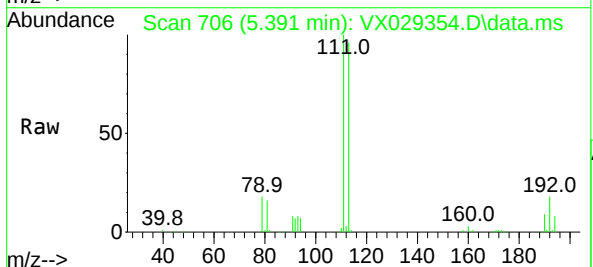
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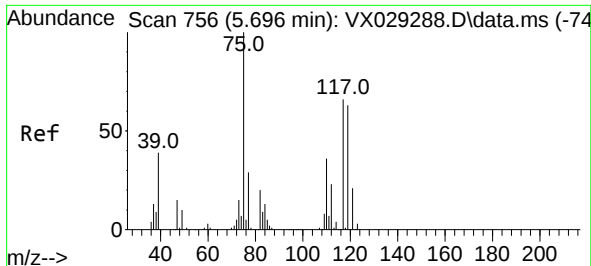
Tgt Ion:114 Resp: 327402
Ion Ratio Lower Upper
114 100
63 19.8 0.0 36.8
88 16.3 0.0 32.4



#35
Dibromofluoromethane
Concen: 57.139 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX029354.D
Acq: 09 Jun 2022 18:45

Tgt Ion:113 Resp: 159040
Ion Ratio Lower Upper
113 100
111 102.3 82.8 124.2
192 18.0 16.9 25.3

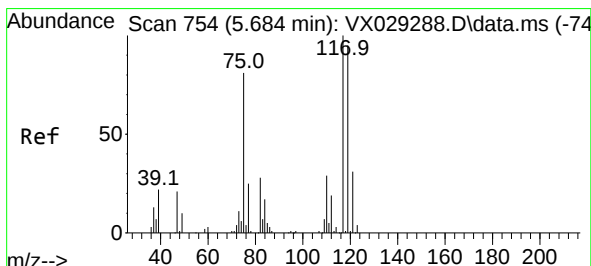
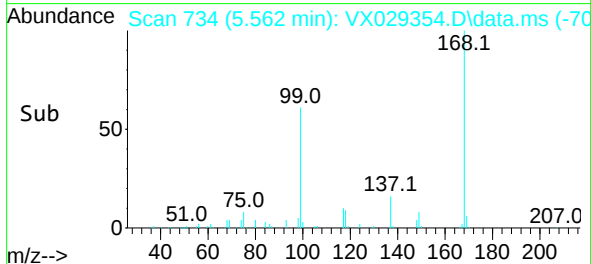
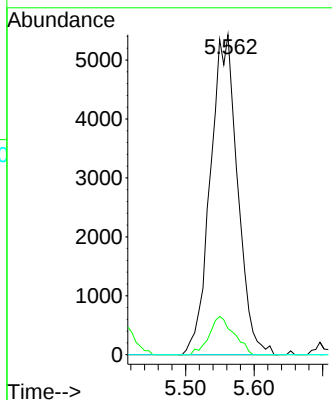
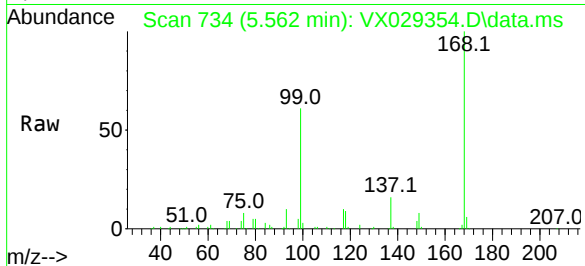




#36
1,1-Dichloropropene
Concen: 3.262 ug/l
RT: 5.562 min Scan# 713
Delta R.T. -0.134 min
Lab File: VX029354.D
Acq: 09 Jun 2022 18:45

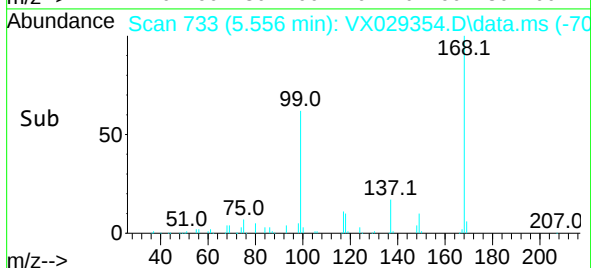
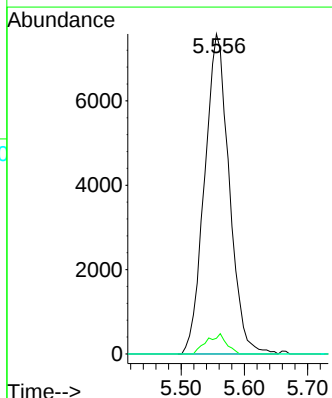
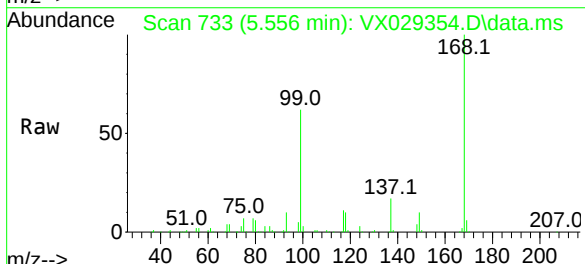
Instrument :
MSVOA_X
ClientSampleId :

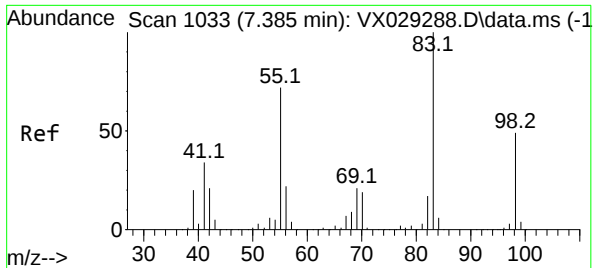
Tgt Ion: 75 Resp: 14997
Ion Ratio Lower Upper
75 100
110 10.8 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 4.376 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX029354.D
Acq: 09 Jun 2022 18:45

Tgt Ion: 117 Resp: 20565
Ion Ratio Lower Upper
117 100
119 4.9 77.3 115.9#
121 0.0 24.2 36.2#

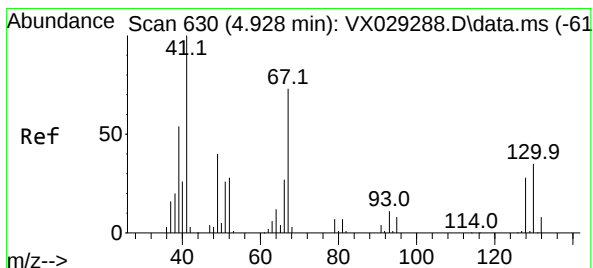
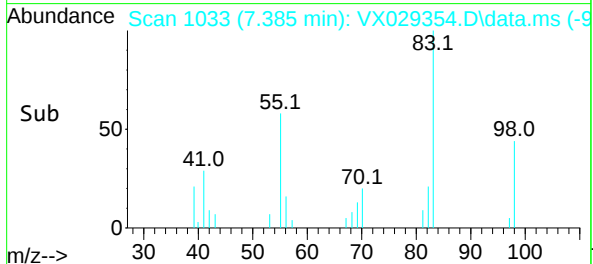
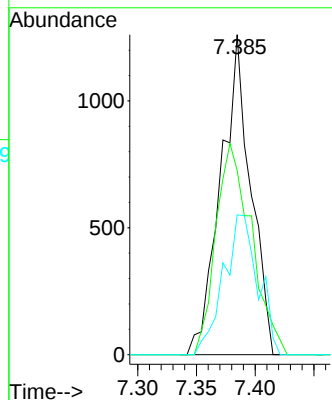
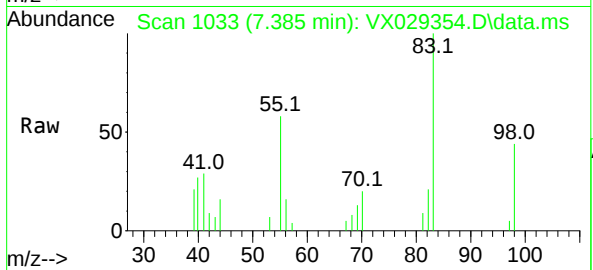




#39
Methylcyclohexane
Concen: 0.395 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX029354.D
Acq: 09 Jun 2022 18:45

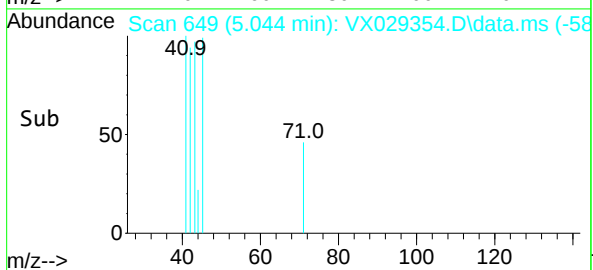
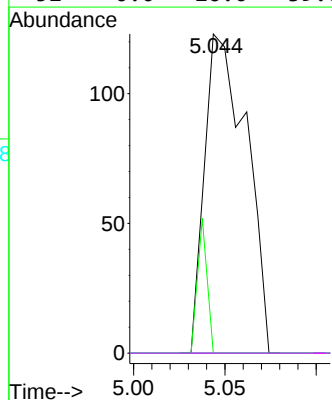
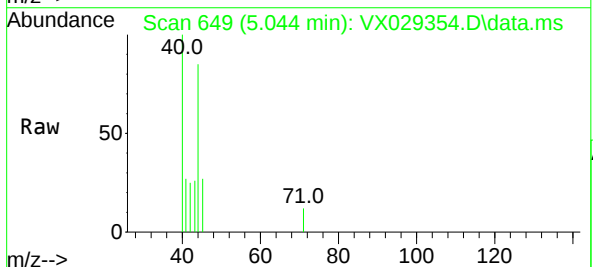
Instrument :
MSVOA_X
ClientSampleId :

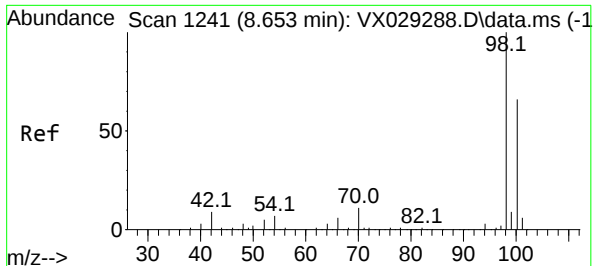
Tgt Ion: 83 Resp: 2235
Ion Ratio Lower Upper
83 100
55 57.6 54.6 81.8
98 43.7 37.4 56.2



#41
Methacrylonitrile
Concen: Below Cal
RT: 5.044 min Scan# 649
Delta R.T. 0.116 min
Lab File: VX029354.D
Acq: 09 Jun 2022 18:45

Tgt Ion: 41 Resp: 195
Ion Ratio Lower Upper
41 100
39 9.7 43.0 64.4#
67 0.0 70.2 105.4#
52 0.0 26.0 39.0#





#50

Toluene-d8

Concen: 50.590 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX029354.D

Acq: 09 Jun 2022 18:45

Instrument :

MSVOA_X

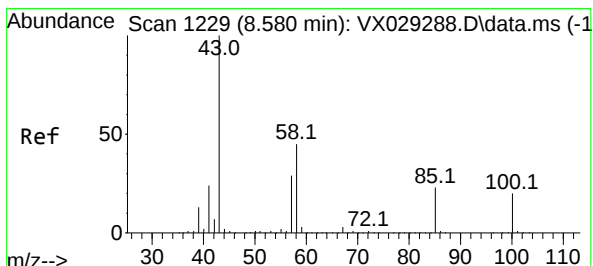
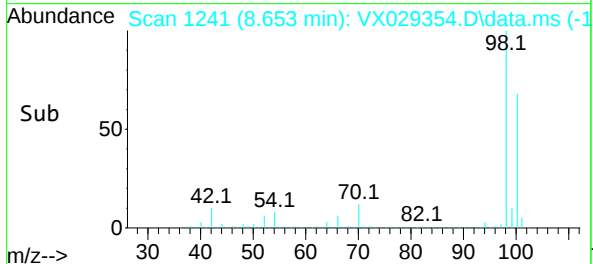
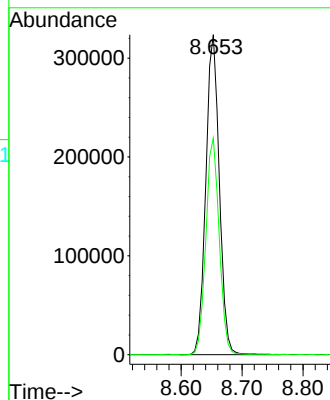
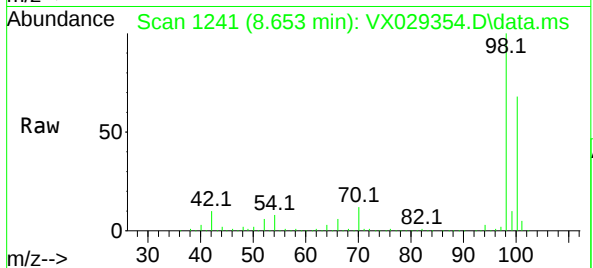
ClientSampleId :

Tgt Ion: 98 Resp: 498010

Ion Ratio Lower Upper

98 100

100 67.2 52.6 78.8



#51

4-Methyl-2-Pentanone

Concen: 0.479 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VX029354.D

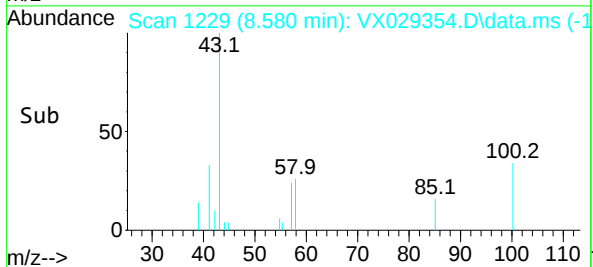
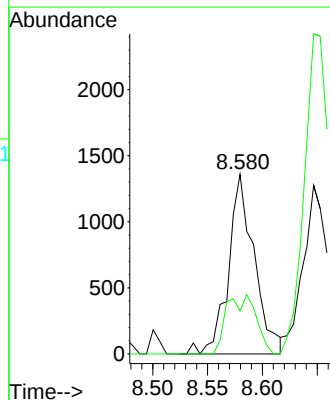
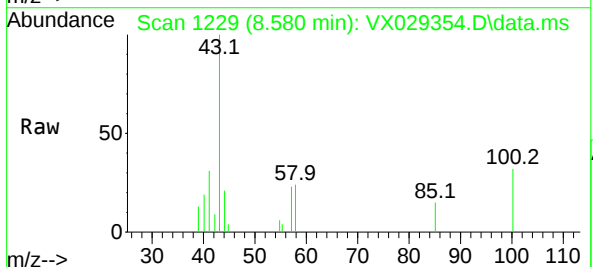
Acq: 09 Jun 2022 18:45

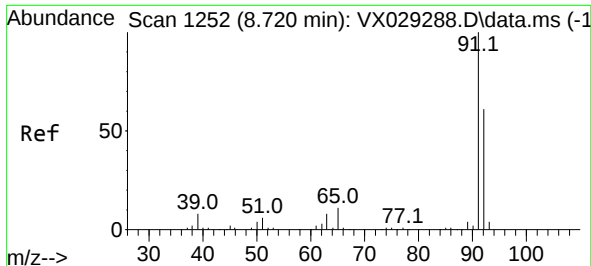
Tgt Ion: 43 Resp: 2236

Ion Ratio Lower Upper

43 100

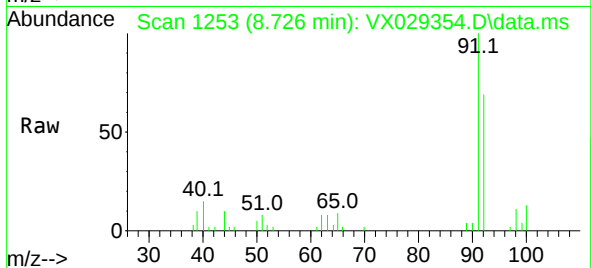
58 37.5 36.1 54.1



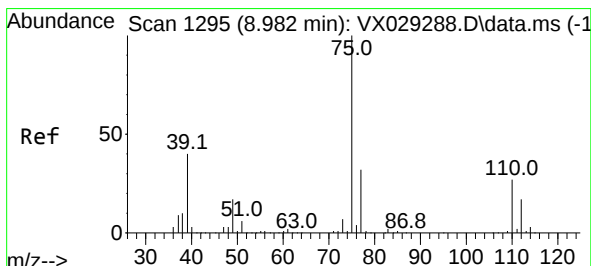
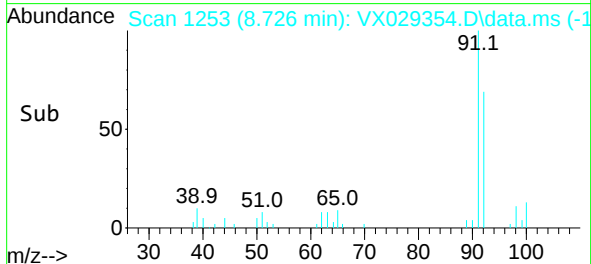
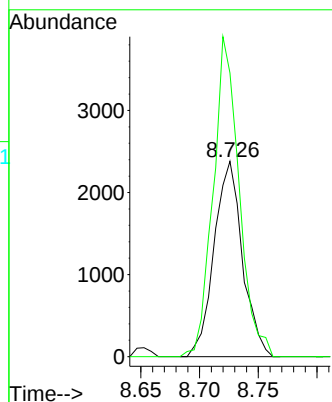


#52
Toluene
Concen: 0.454 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX029354.D
Acq: 09 Jun 2022 18:45

Instrument :
MSVOA_X
ClientSampleId :

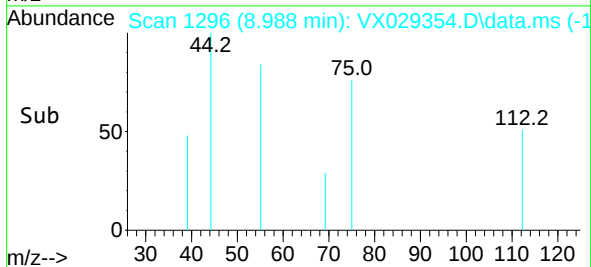
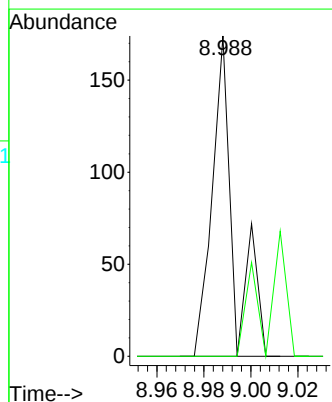
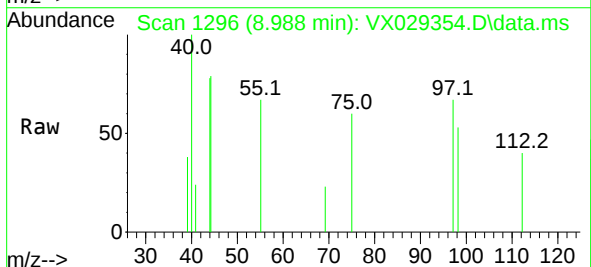


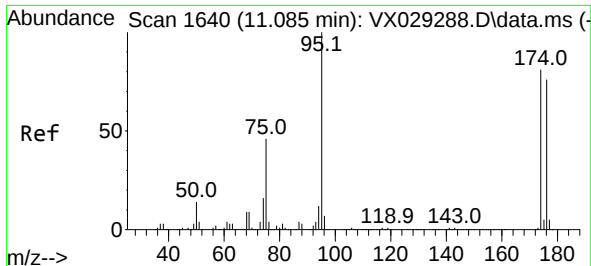
Tgt Ion: 92 Resp: 3991
Ion Ratio Lower Upper
92 100
91 150.1 137.5 206.3



#53
t-1,3-Dichloropropene
Concen: 1.338 ug/l
RT: 8.988 min Scan# 1296
Delta R.T. 0.006 min
Lab File: VX029354.D
Acq: 09 Jun 2022 18:45

Tgt Ion: 75 Resp: 112
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.0#

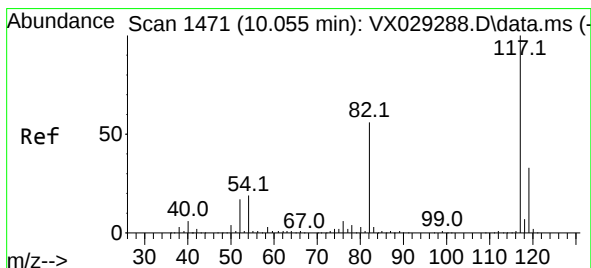
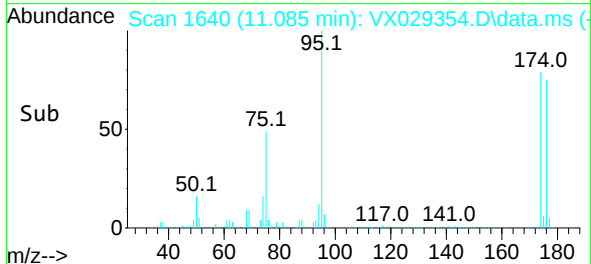
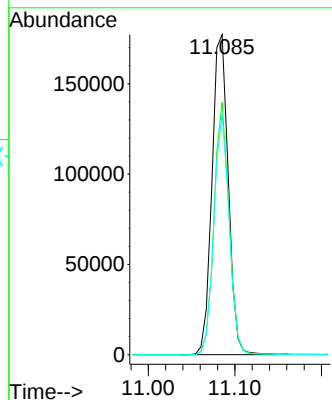
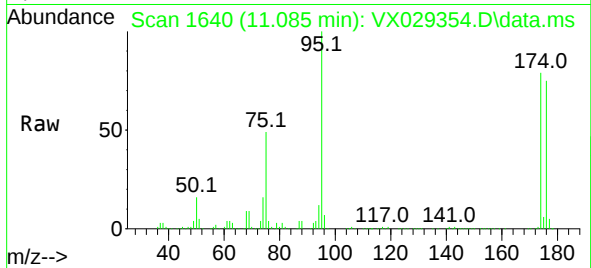




#62
4-Bromofluorobenzene
Concen: 60.154 ug/l
RT: 11.085 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX029354.D
Acq: 09 Jun 2022 18:45

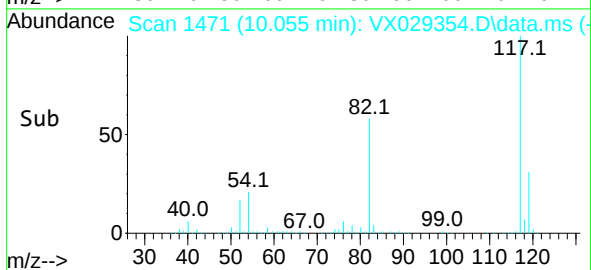
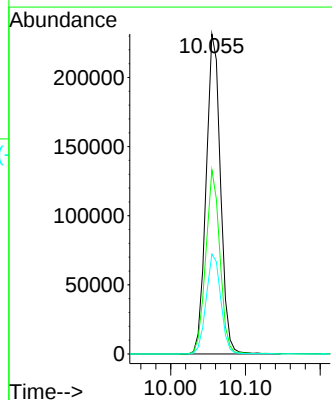
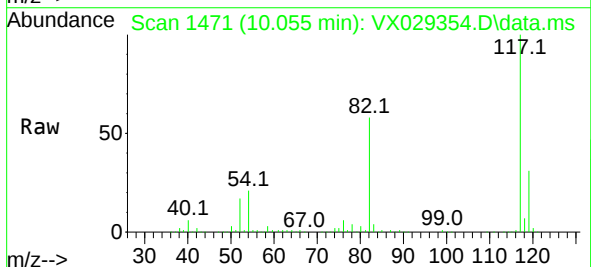
Instrument :
MSVOA_X
ClientSampleId :

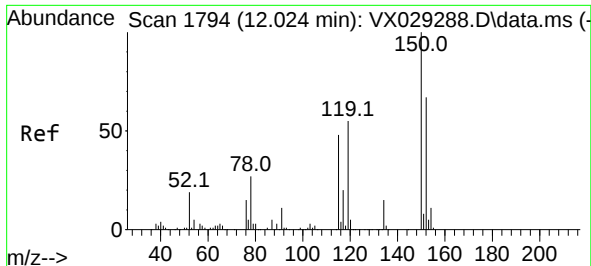
Tgt Ion: 95 Resp: 231734
Ion Ratio Lower Upper
95 100
174 73.2 0.0 163.0
176 70.5 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029354.D
Acq: 09 Jun 2022 18:45

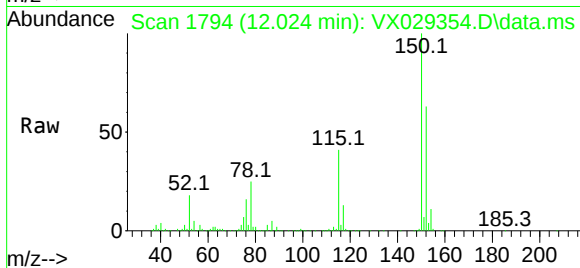
Tgt Ion: 117 Resp: 308278
Ion Ratio Lower Upper
117 100
82 57.5 41.8 62.8
119 31.2 24.8 37.2



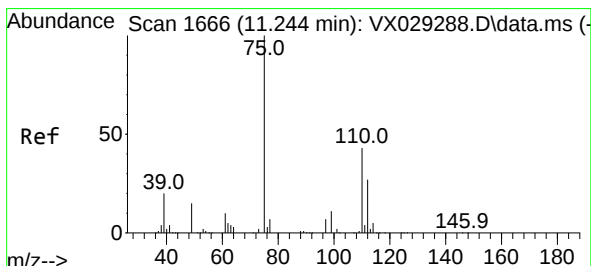
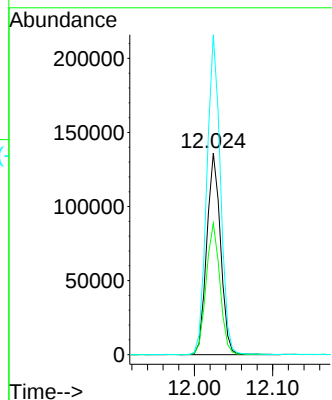
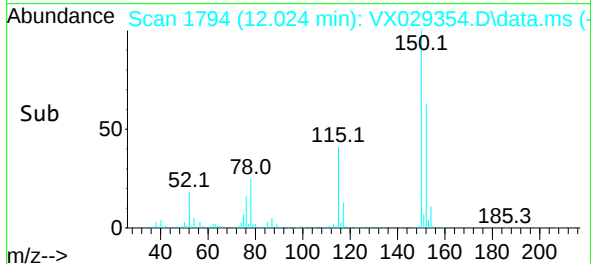


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029354.D
Acq: 09 Jun 2022 18:45

Instrument :
MSVOA_X
ClientSampleId :

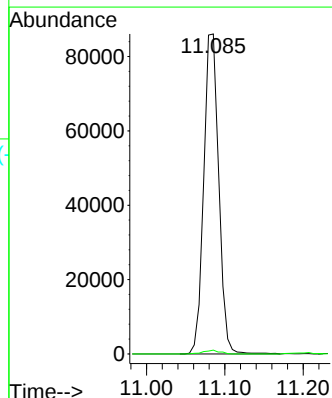
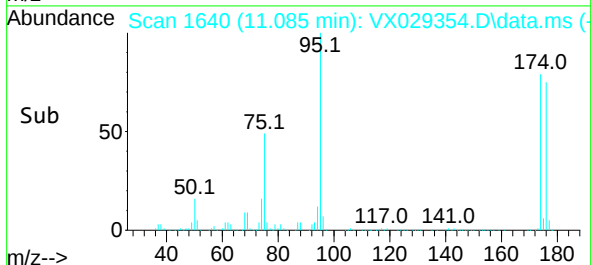
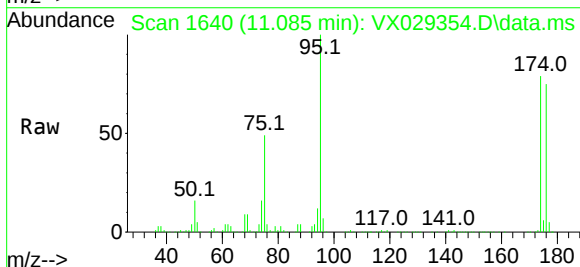


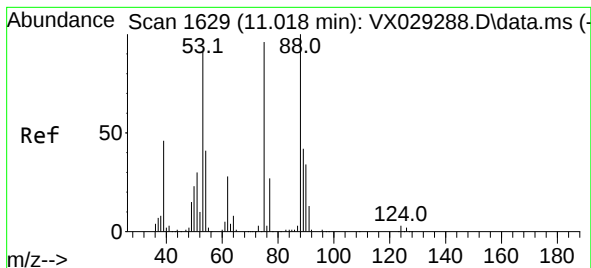
Tgt Ion:152 Resp: 165714
Ion Ratio Lower Upper
152 100
115 64.9 37.5 112.7
150 156.7 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 29.572 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX029354.D
Acq: 09 Jun 2022 18:45

Tgt Ion: 75 Resp: 114462
Ion Ratio Lower Upper
75 100
77 1.3 19.4 58.2#

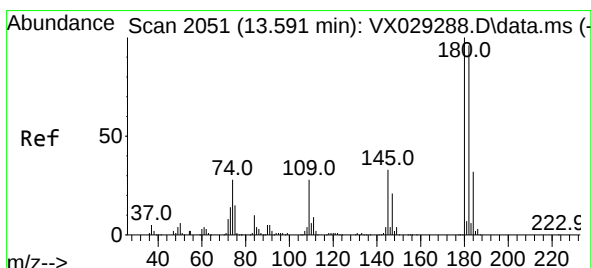
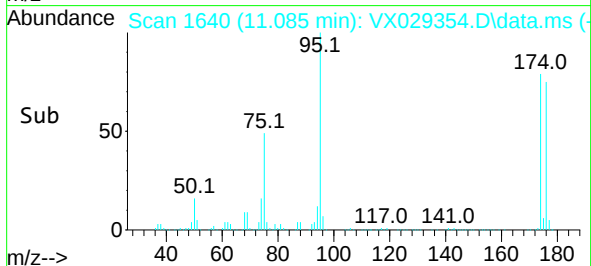
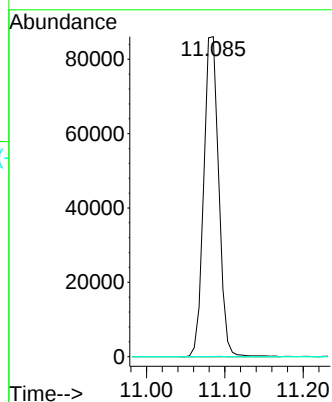
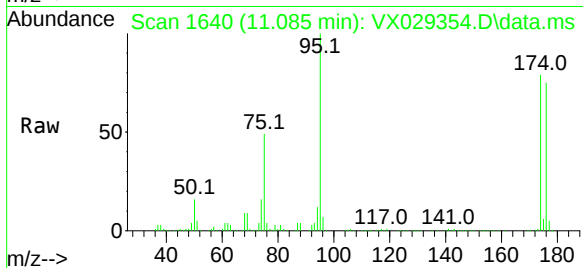




#81
trans-1,4-Dichloro-2-butene
Concen: 90.118 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.067 min
Lab File: VX029354.D
Acq: 09 Jun 2022 18:45

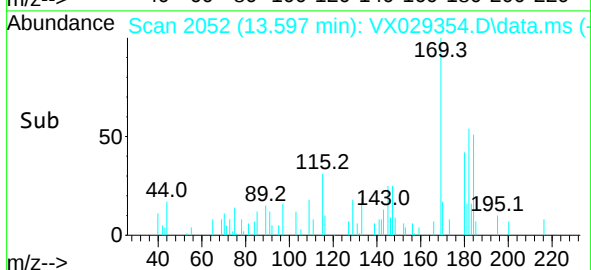
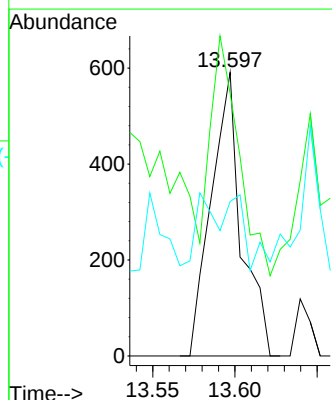
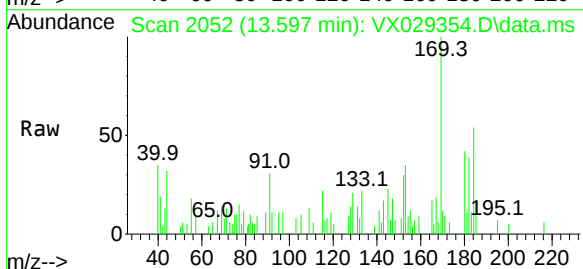
Instrument :
MSVOA_X
ClientSampleId :

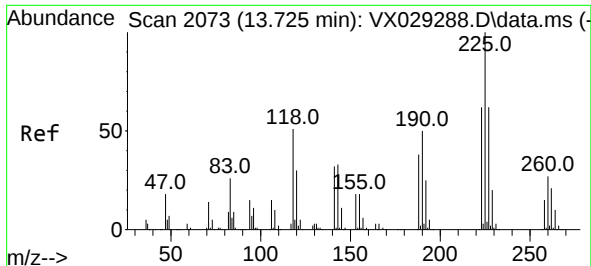
Tgt Ion: 75 Resp: 114462
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.1 37.0 55.6#



#93
1,2,4-Trichlorobenzene
Concen: 0.220 ug/l
RT: 13.597 min Scan# 2052
Delta R.T. 0.006 min
Lab File: VX029354.D
Acq: 09 Jun 2022 18:45

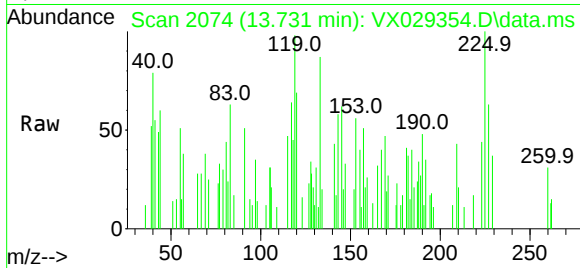
Tgt Ion: 180 Resp: 753
Ion Ratio Lower Upper
180 100
182 78.2 47.7 143.1
145 16.9 15.2 45.5



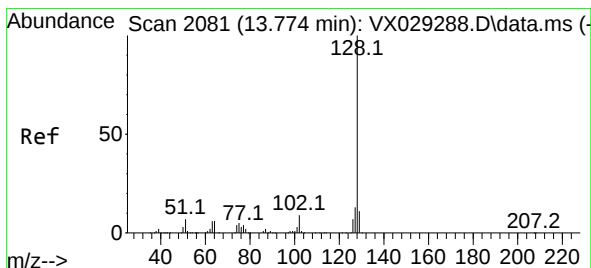
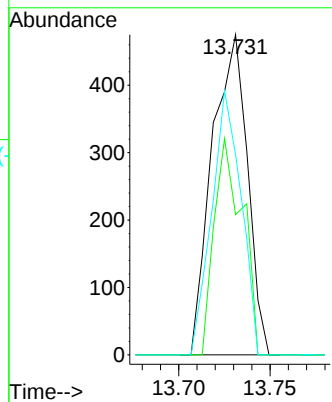
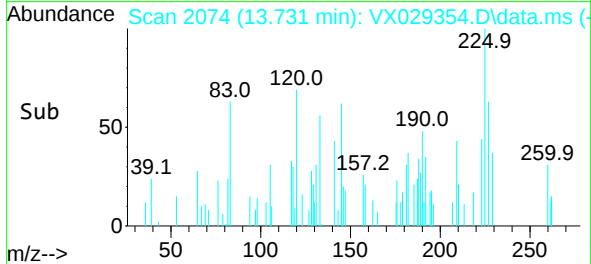


#94
Hexachlorobutadiene
Concen: 0.448 ug/l
RT: 13.731 min Scan# 2074
Delta R.T. 0.006 min
Lab File: VX029354.D
Acq: 09 Jun 2022 18:45

Instrument :
MSVOA_X
ClientSampleId :

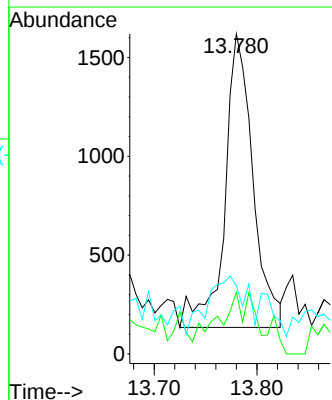
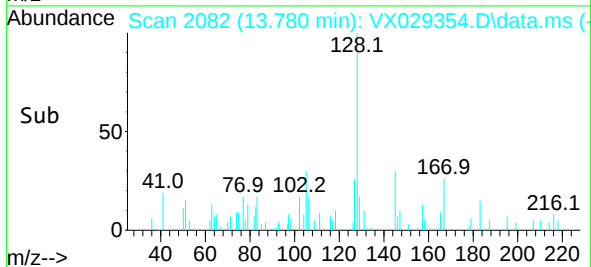
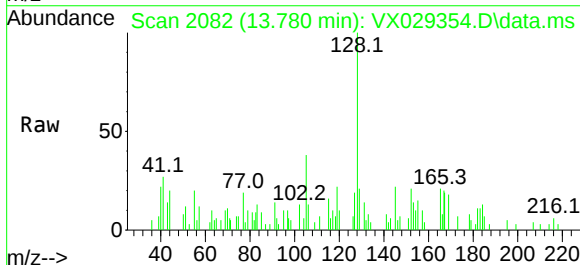


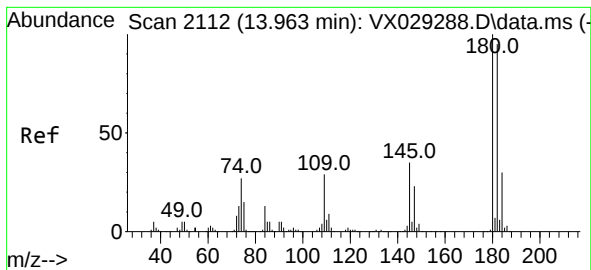
Tgt Ion:225 Resp: 637
Ion Ratio Lower Upper
225 100
223 54.2 34.2 102.5
227 68.8 33.9 101.7



#95
Naphthalene
Concen: 0.234 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX029354.D
Acq: 09 Jun 2022 18:45

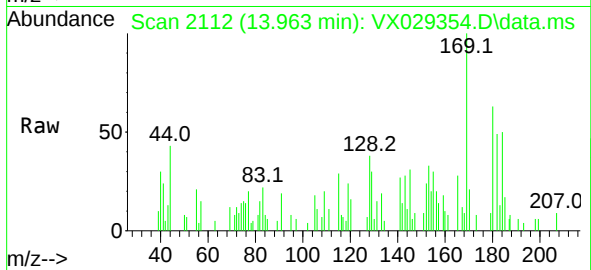
Tgt Ion:128 Resp: 2828
Ion Ratio Lower Upper
128 100
127 18.7 10.2 15.4#
129 26.4 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.273 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX029354.D
 Acq: 09 Jun 2022 18:45

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:180 Resp: 931
 Ion Ratio Lower Upper
 180 100
 182 83.4 50.0 149.8
 145 49.1 16.2 48.5#

