

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042022\
 Data File : VX028200.D
 Acq On : 20 Apr 2022 16:12
 Operator : JC/MD
 Sample : N2432-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB220414

Quant Time: Apr 21 06:14:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

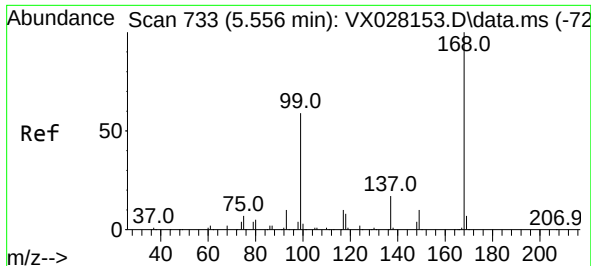
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	375717	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	648845	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	606592	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	280729	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	275496	56.236	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 112.480%			
35) Dibromofluoromethane	5.391	113	251025	55.167	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 110.340%			
50) Toluene-d8	8.653	98	904291	51.742	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.480%			
62) 4-Bromofluorobenzene	11.079	95	326732	48.894	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 97.780%			
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	296	Below Cal	#	42
5) Bromomethane	1.587	94	160	Below Cal	#	55
6) Chloroethane	1.691	64	363	Below Cal	#	43
10) Methyl Iodide	2.459	142	594	5.362	ug/l #	89
11) Tert butyl alcohol	2.953	59	2014	Below Cal	#	72
16) Acetone	2.380	43	3722	1.098	ug/l	89
20) Methylene Chloride	2.788	84	746	0.205	ug/l #	75
31) Cyclohexane	5.550	56	7001	1.173	ug/l #	31
36) 1,1-Dichloropropene	5.556	75	26774	4.511	ug/l #	50
38) Carbon Tetrachloride	5.556	117	36890	5.506	ug/l #	17
51) 4-Methyl-2-Pentanone	8.653	43	3288	0.523	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	162050	29.331	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	162050	87.163	ug/l #	15
90) Hexachloroethane	12.457	117	19	1.820	ug/l #	10

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

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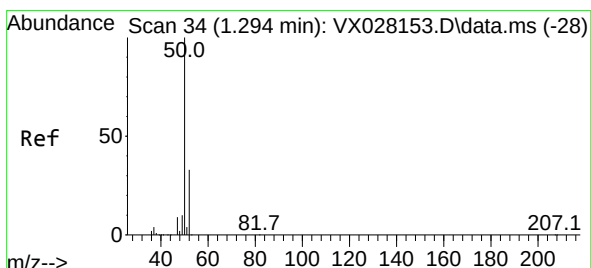
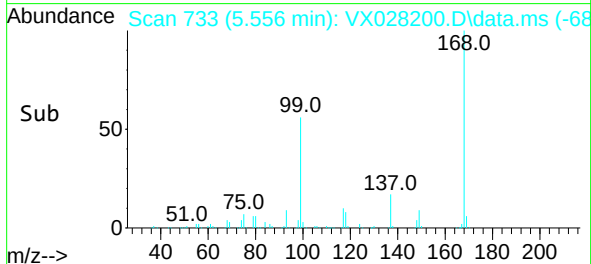
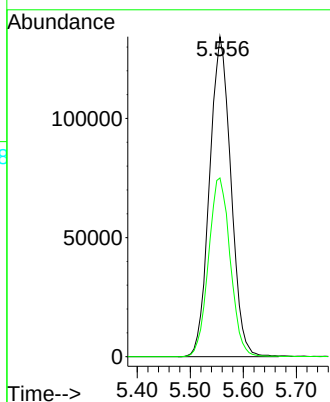
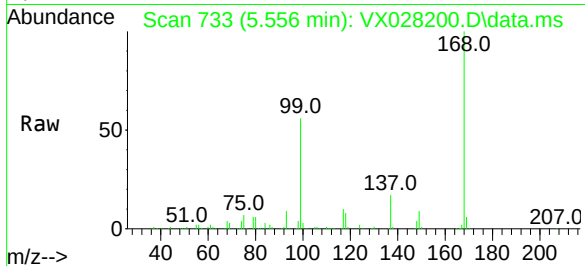




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028200.D
Acq: 20 Apr 2022 16:12

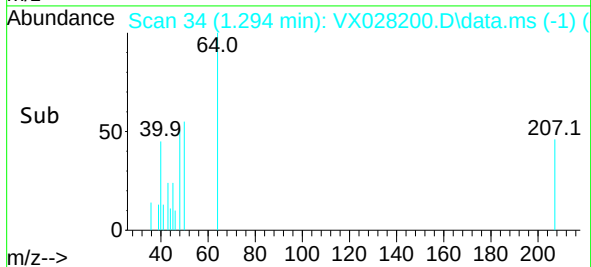
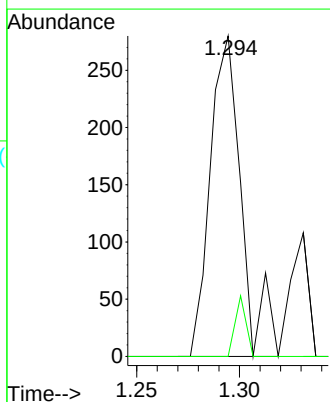
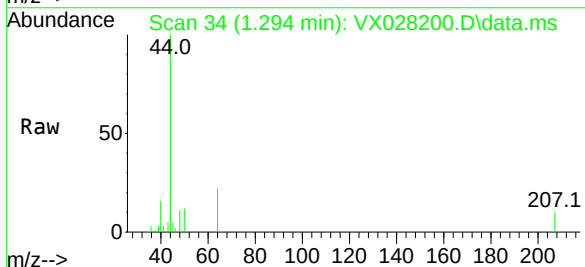
Instrument :
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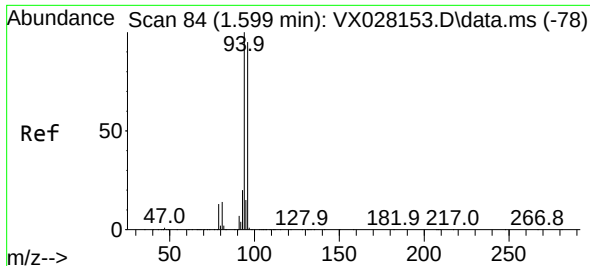
Tgt Ion:168 Resp: 375717
Ion Ratio Lower Upper
168 100
99 55.9 41.7 62.5



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX028200.D
Acq: 20 Apr 2022 16:12

Tgt Ion: 50 Resp: 296
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6

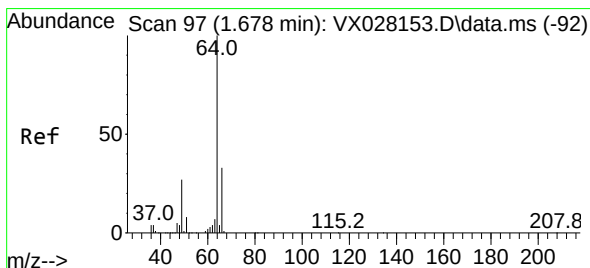
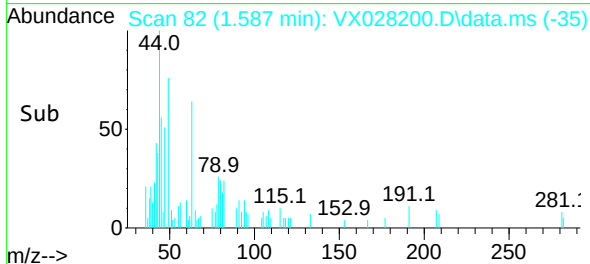
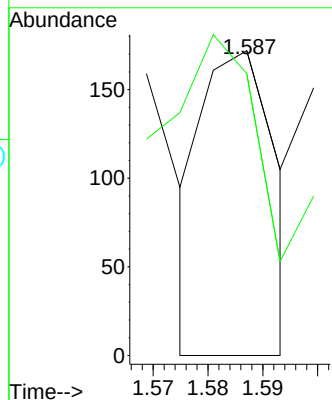
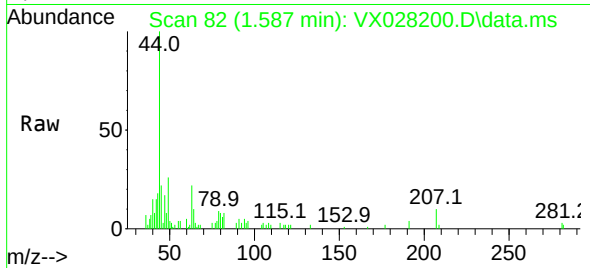




#5
Bromomethane
Concen: Below Cal
RT: 1.587 min Scan# 81
Delta R.T. -0.012 min
Lab File: VX028200.D
Acq: 20 Apr 2022 16:12

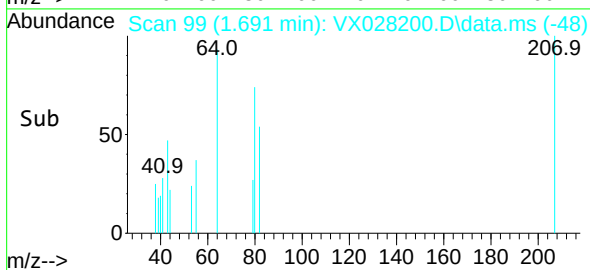
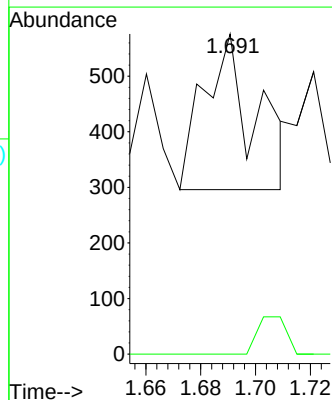
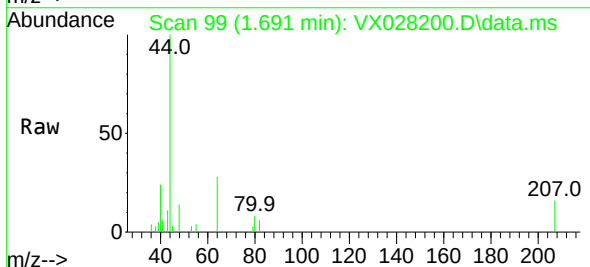
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ClientSampleId :
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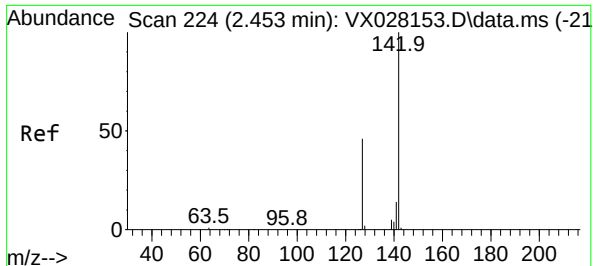
Tgt Ion: 94 Resp: 160
Ion Ratio Lower Upper
94 100
96 137.7 75.3 112.9#



#6
Chloroethane
Concen: Below Cal
RT: 1.691 min Scan# 99
Delta R.T. 0.013 min
Lab File: VX028200.D
Acq: 20 Apr 2022 16:12

Tgt Ion: 64 Resp: 363
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#





#10

Methyl Iodide

Concen: 5.362 ug/l

RT: 2.459 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX028200.D

Acq: 20 Apr 2022 16:12

Instrument :

MSVOA_X

ClientSampleId :

FB220414

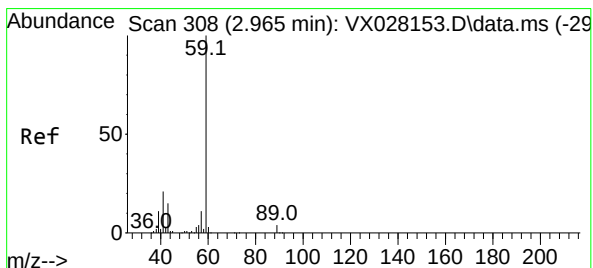
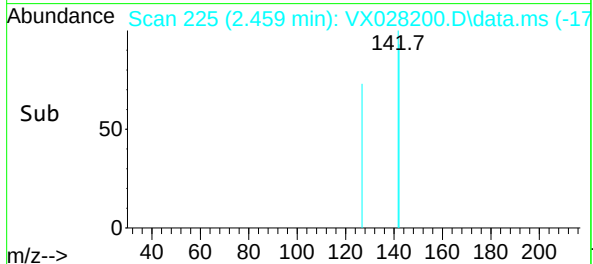
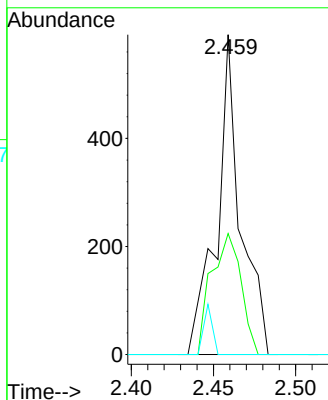
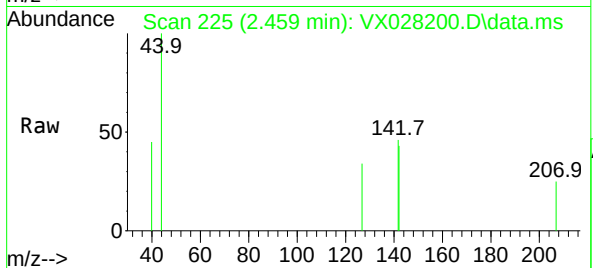
Tgt Ion:142 Resp: 594

Ion Ratio Lower Upper

142 100

127 47.1 33.9 50.9

141 5.7 11.4 17.2#



#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.953 min Scan# 306

Delta R.T. -0.012 min

Lab File: VX028200.D

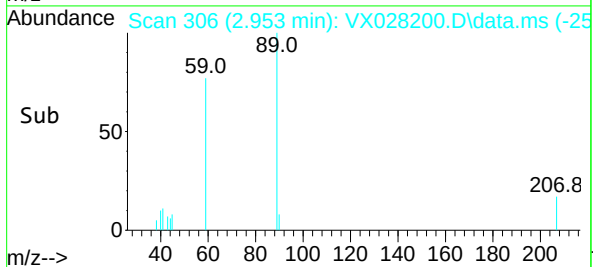
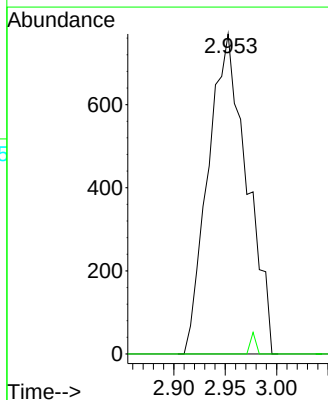
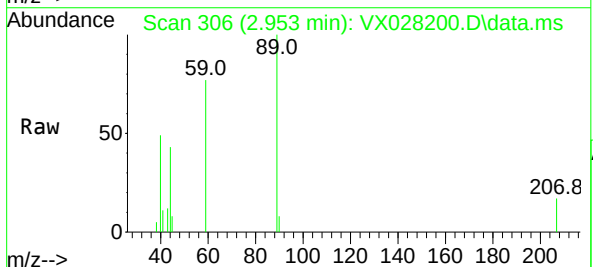
Acq: 20 Apr 2022 16:12

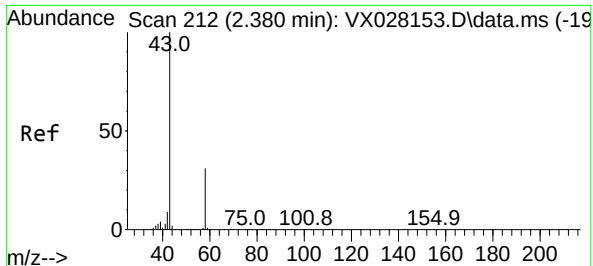
Tgt Ion: 59 Resp: 2014

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#

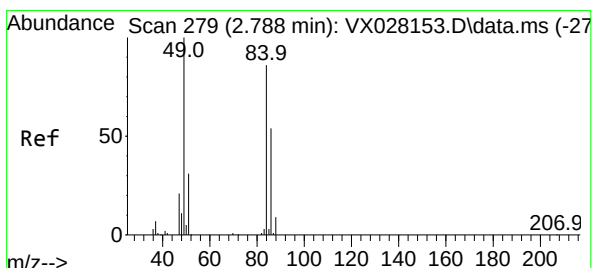
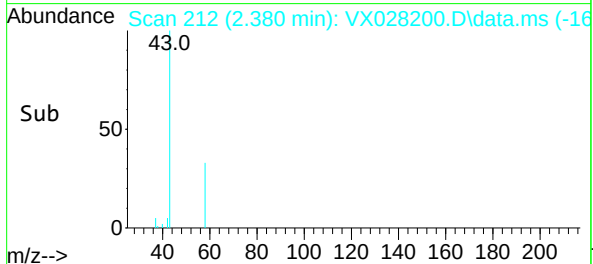
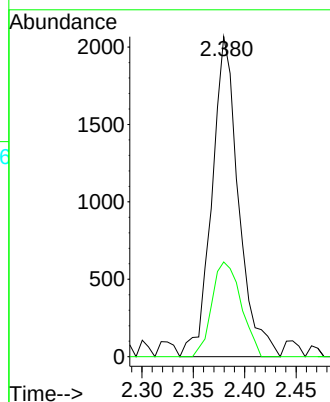
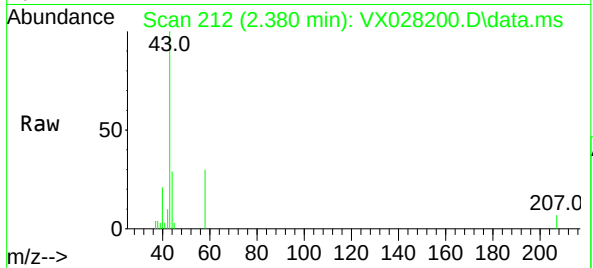




#16
Acetone
Concen: 1.098 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX028200.D
Acq: 20 Apr 2022 16:12

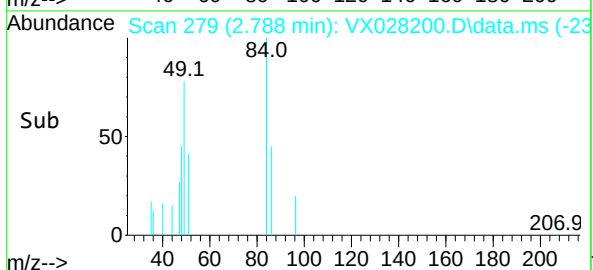
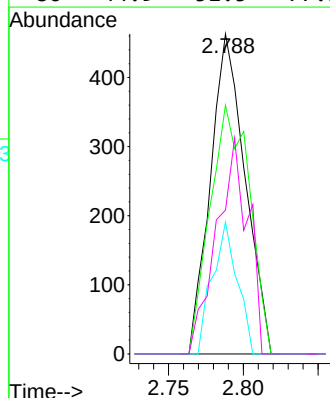
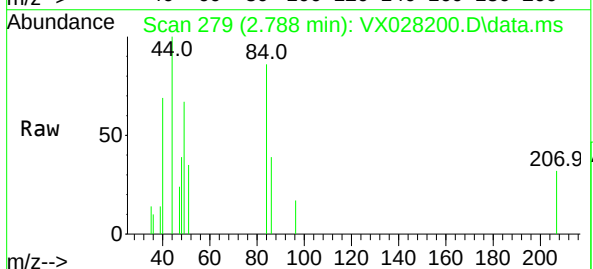
Instrument :
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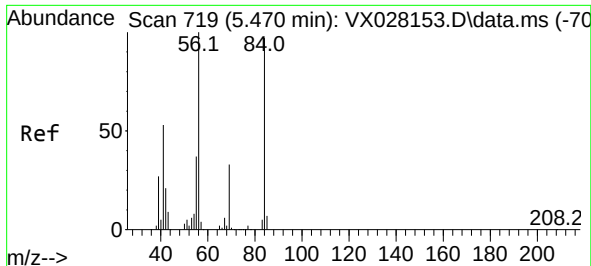
Tgt Ion: 43 Resp: 3722
Ion Ratio Lower Upper
43 100
58 29.6 28.8 43.2



#20
Methylene Chloride
Concen: 0.205 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX028200.D
Acq: 20 Apr 2022 16:12

Tgt Ion: 84 Resp: 746
Ion Ratio Lower Upper
84 100
49 77.8 85.5 128.3#
51 41.3 26.6 39.8#
86 44.9 51.5 77.3#

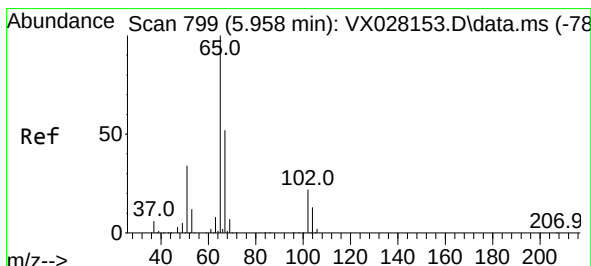
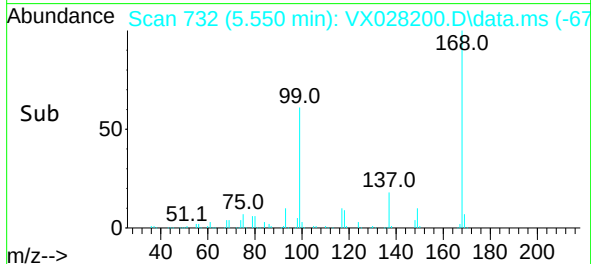
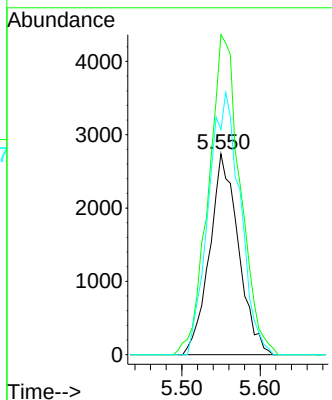
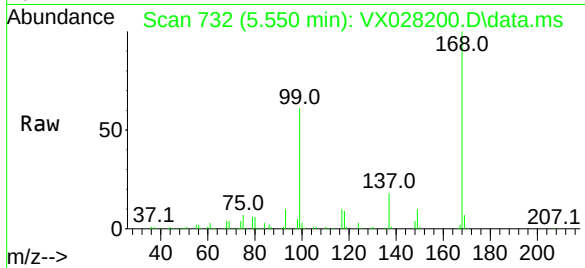




#31
Cyclohexane
Concen: 1.173 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX028200.D
Acq: 20 Apr 2022 16:12

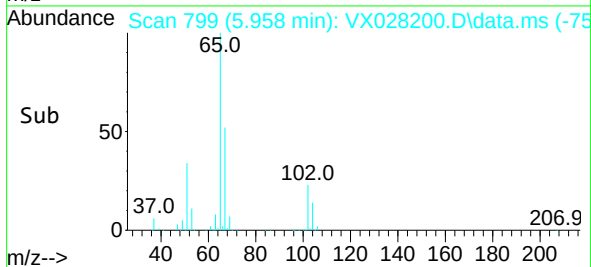
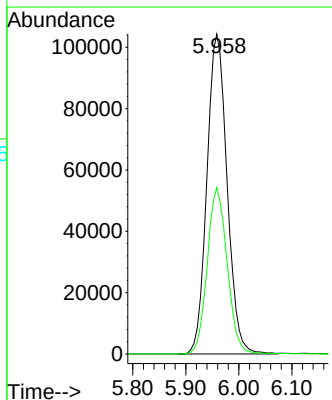
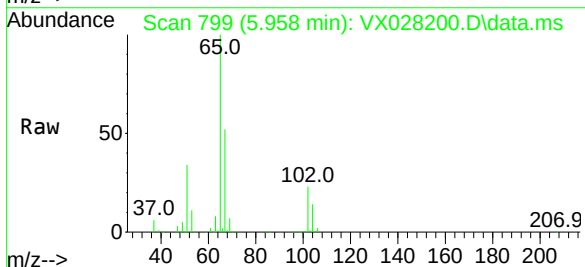
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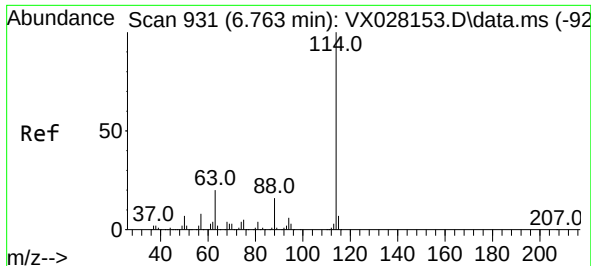
Tgt Ion: 56 Resp: 7001
Ion Ratio Lower Upper
56 100
69 159.4 26.7 40.1#
84 112.1 77.2 115.8



#33
1,2-Dichloroethane-d4
Concen: 56.236 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028200.D
Acq: 20 Apr 2022 16:12

Tgt Ion: 65 Resp: 275496
Ion Ratio Lower Upper
65 100
67 51.3 0.0 107.4

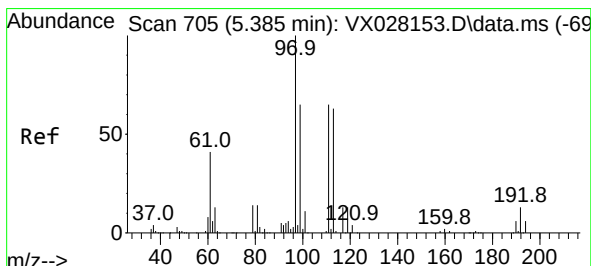
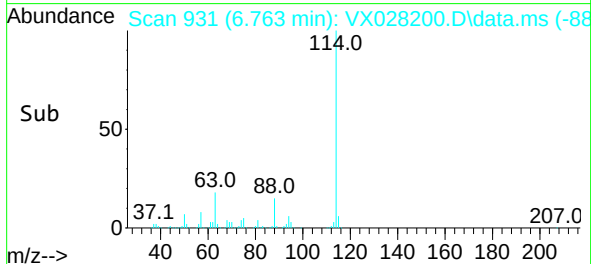
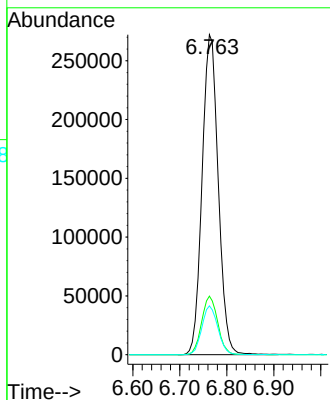
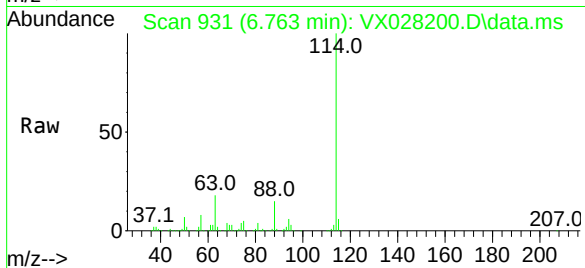




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028200.D
Acq: 20 Apr 2022 16:12

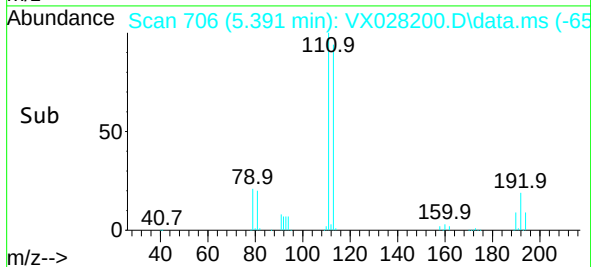
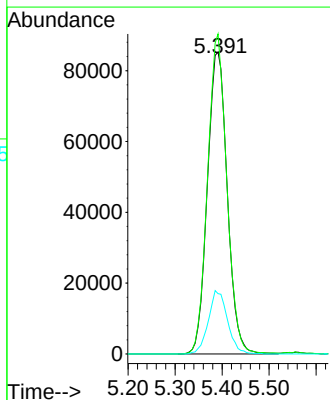
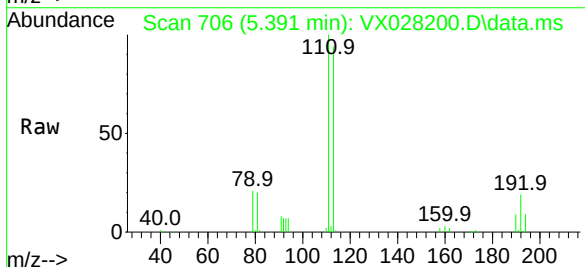
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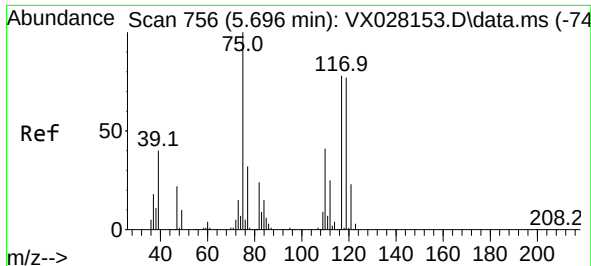
Tgt Ion:114 Resp: 648845
Ion Ratio Lower Upper
114 100
63 18.3 0.0 36.8
88 15.3 0.0 32.4



#35
Dibromofluoromethane
Concen: 55.167 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028200.D
Acq: 20 Apr 2022 16:12

Tgt Ion:113 Resp: 251025
Ion Ratio Lower Upper
113 100
111 102.1 82.8 124.2
192 20.2 16.9 25.3

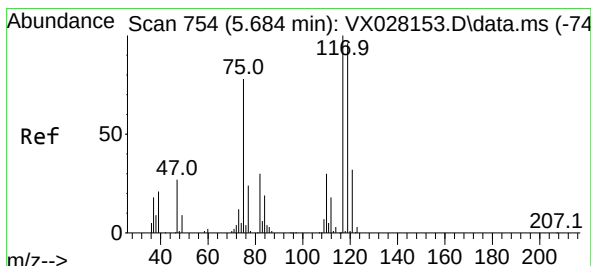
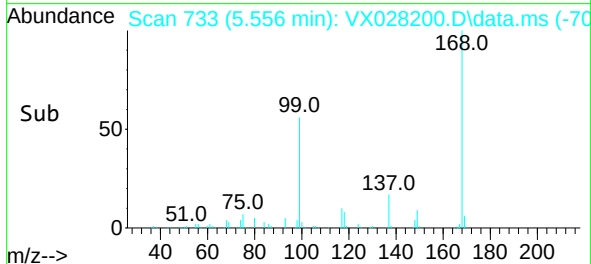
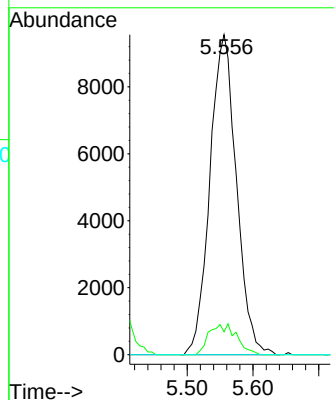
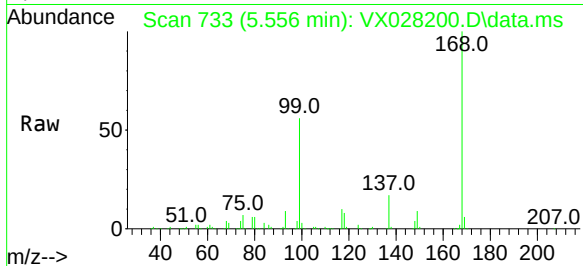




#36
1,1-Dichloropropene
Concen: 4.511 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX028200.D
Acq: 20 Apr 2022 16:12

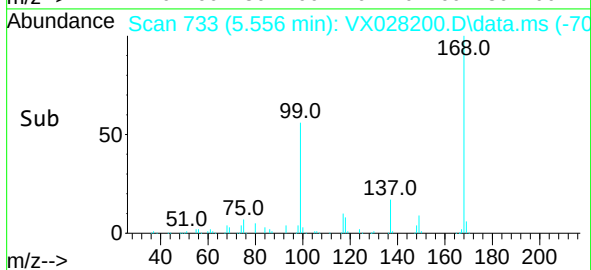
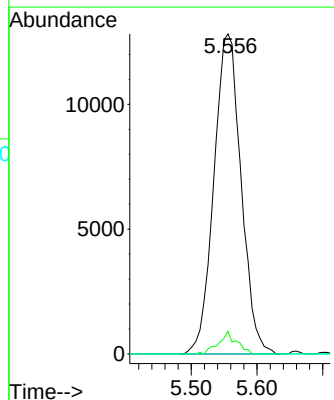
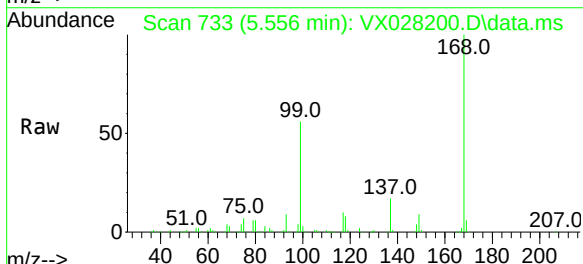
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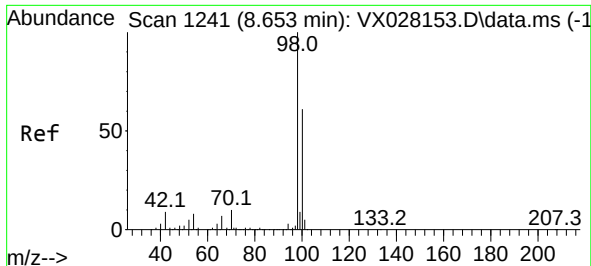
Tgt Ion: 75 Resp: 26774
Ion Ratio Lower Upper
75 100
110 9.9 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.506 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX028200.D
Acq: 20 Apr 2022 16:12

Tgt Ion: 117 Resp: 36890
Ion Ratio Lower Upper
117 100
119 7.0 77.3 115.9#
121 0.0 24.2 36.2#

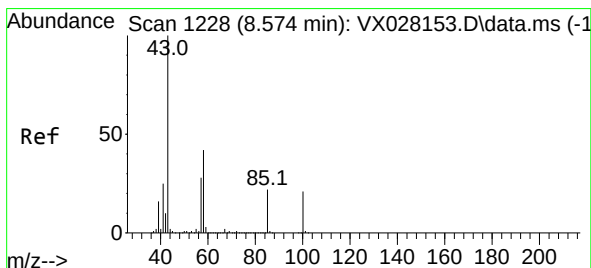
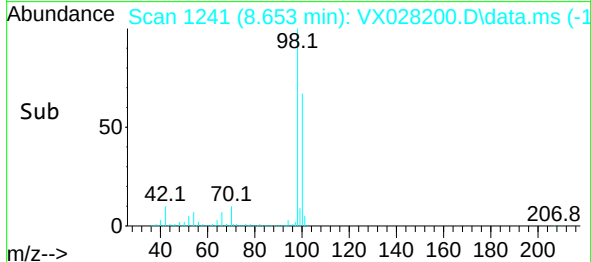
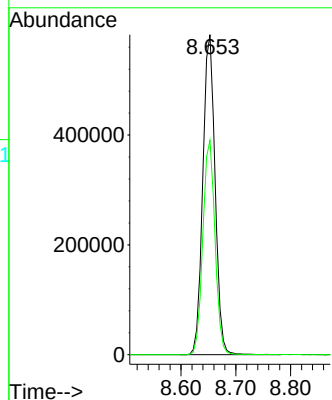
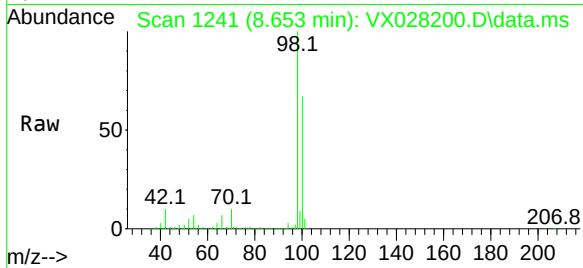




#50
Toluene-d8
Concen: 51.742 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX028200.D
Acq: 20 Apr 2022 16:12

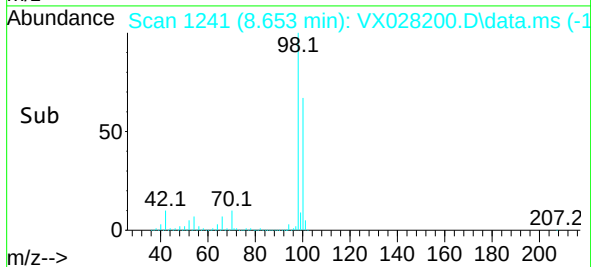
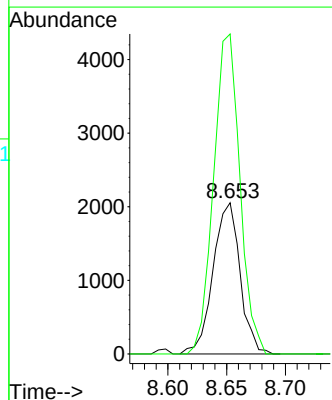
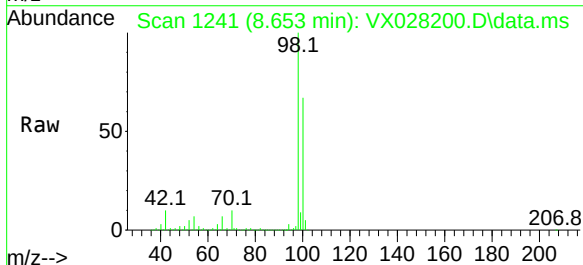
Instrument :
MSVOA_X
ClientSampleId :
FB220414

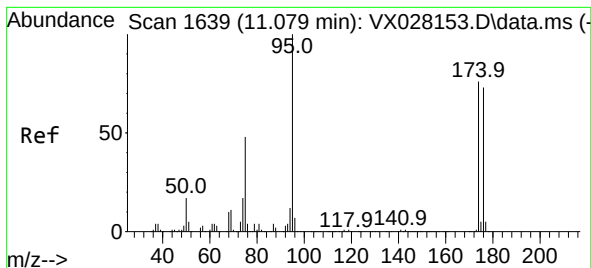
Tgt Ion: 98 Resp: 904291
Ion Ratio Lower Upper
98 100
100 66.4 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.523 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX028200.D
Acq: 20 Apr 2022 16:12

Tgt Ion: 43 Resp: 3288
Ion Ratio Lower Upper
43 100
58 206.1 36.1 54.1#

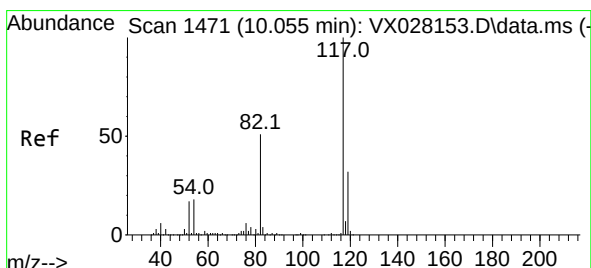
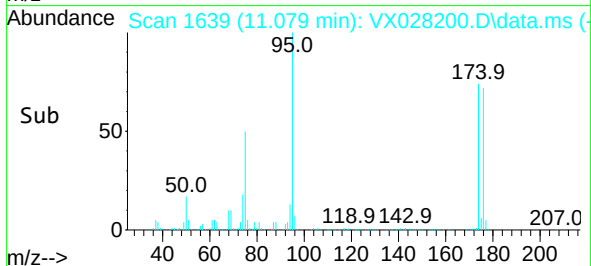
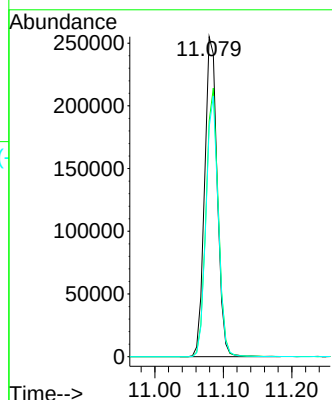
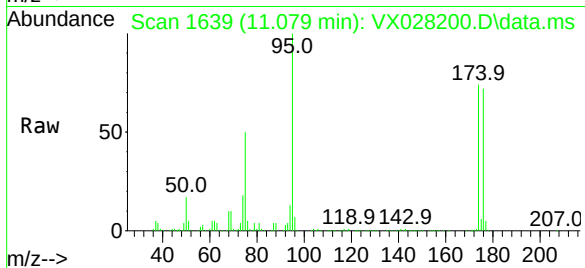




#62
4-Bromofluorobenzene
Concen: 48.894 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028200.D
Acq: 20 Apr 2022 16:12

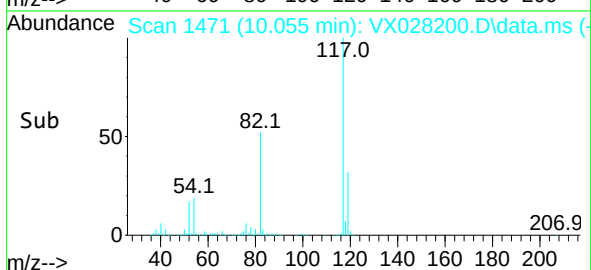
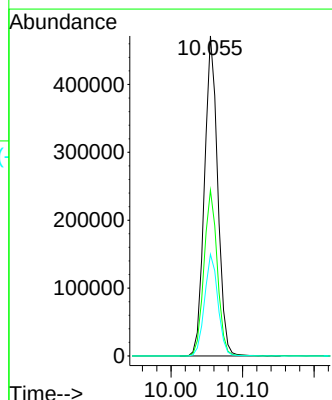
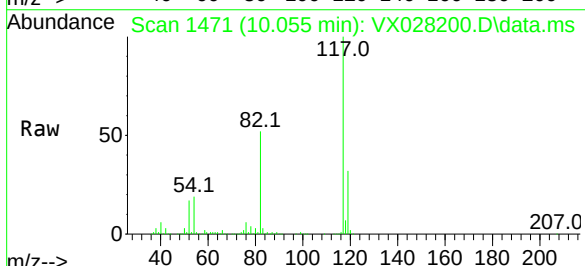
Instrument :
MSVOA_X
ClientSampleId :
FB220414

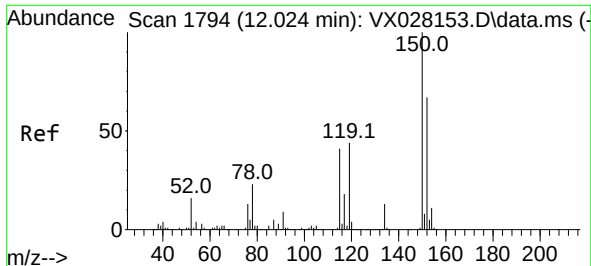
Tgt Ion: 95 Resp: 326732
Ion Ratio Lower Upper
95 100
174 82.2 0.0 163.0
176 79.6 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028200.D
Acq: 20 Apr 2022 16:12

Tgt Ion: 117 Resp: 606592
Ion Ratio Lower Upper
117 100
82 51.8 41.8 62.8
119 31.7 24.8 37.2

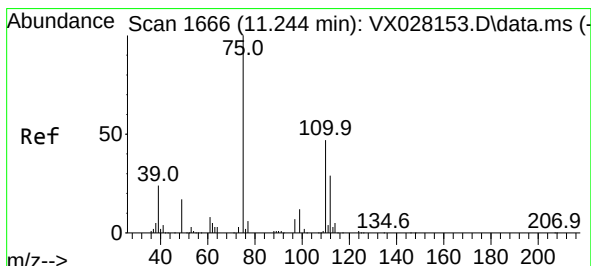
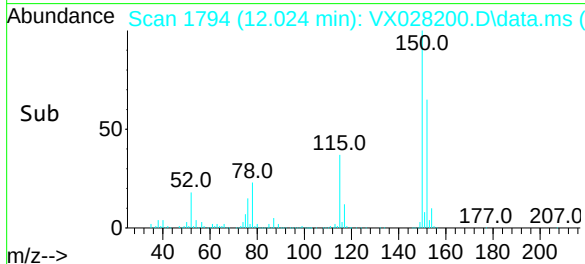
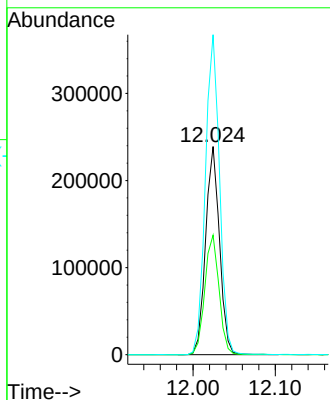
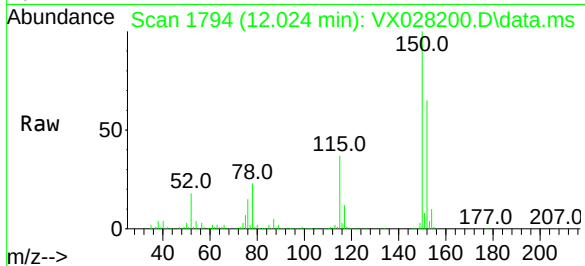




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028200.D
Acq: 20 Apr 2022 16:12

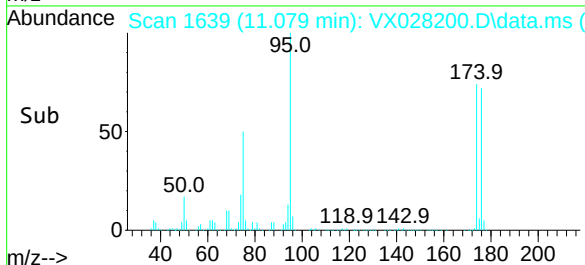
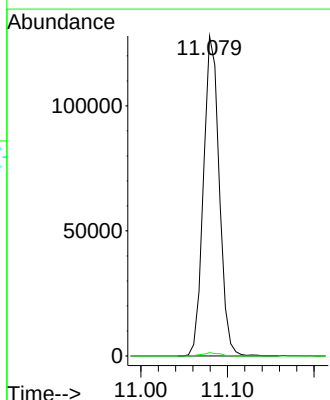
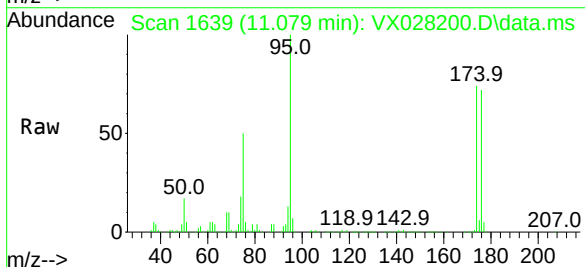
Instrument :
MSVOA_X
ClientSampleId :
FB220414

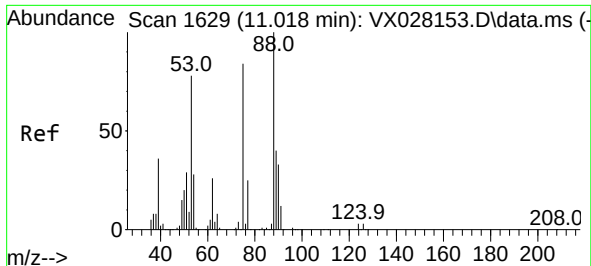
Tgt Ion:152 Resp: 280729
Ion Ratio Lower Upper
152 100
115 58.8 37.5 112.7
150 156.3 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 29.331 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX028200.D
Acq: 20 Apr 2022 16:12

Tgt Ion: 75 Resp: 162050
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#

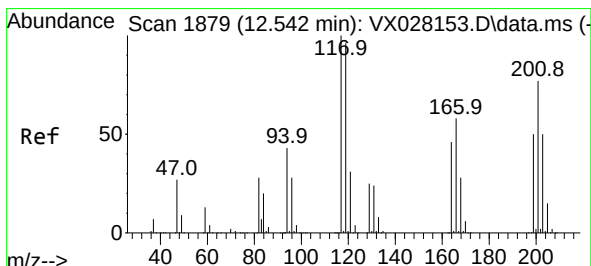
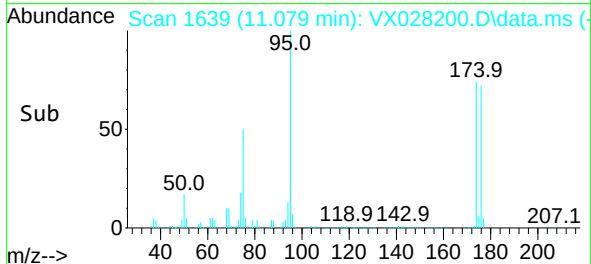
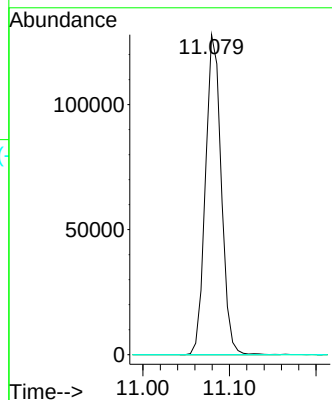
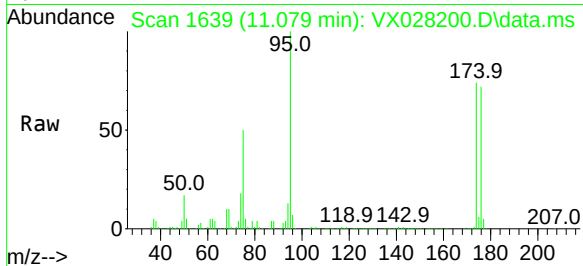




#81
trans-1,4-Dichloro-2-butene
Concen: 87.163 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028200.D
Acq: 20 Apr 2022 16:12

Instrument :
MSVOA_X
ClientSampleId :
FB220414

Tgt Ion: 75 Resp: 162050
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#90
Hexachloroethane
Concen: 1.820 ug/l
RT: 12.457 min Scan# 1865
Delta R.T. -0.085 min
Lab File: VX028200.D
Acq: 20 Apr 2022 16:12

Tgt Ion: 117 Resp: 19
Ion Ratio Lower Upper
117 100
201 0.0 39.5 118.5#

