

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042822\
 Data File : VX028395.D
 Acq On : 28 Apr 2022 12:35
 Operator : JC/MD
 Sample : VX0428WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0428WBL01

Quant Time: Apr 29 04:07:48 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)

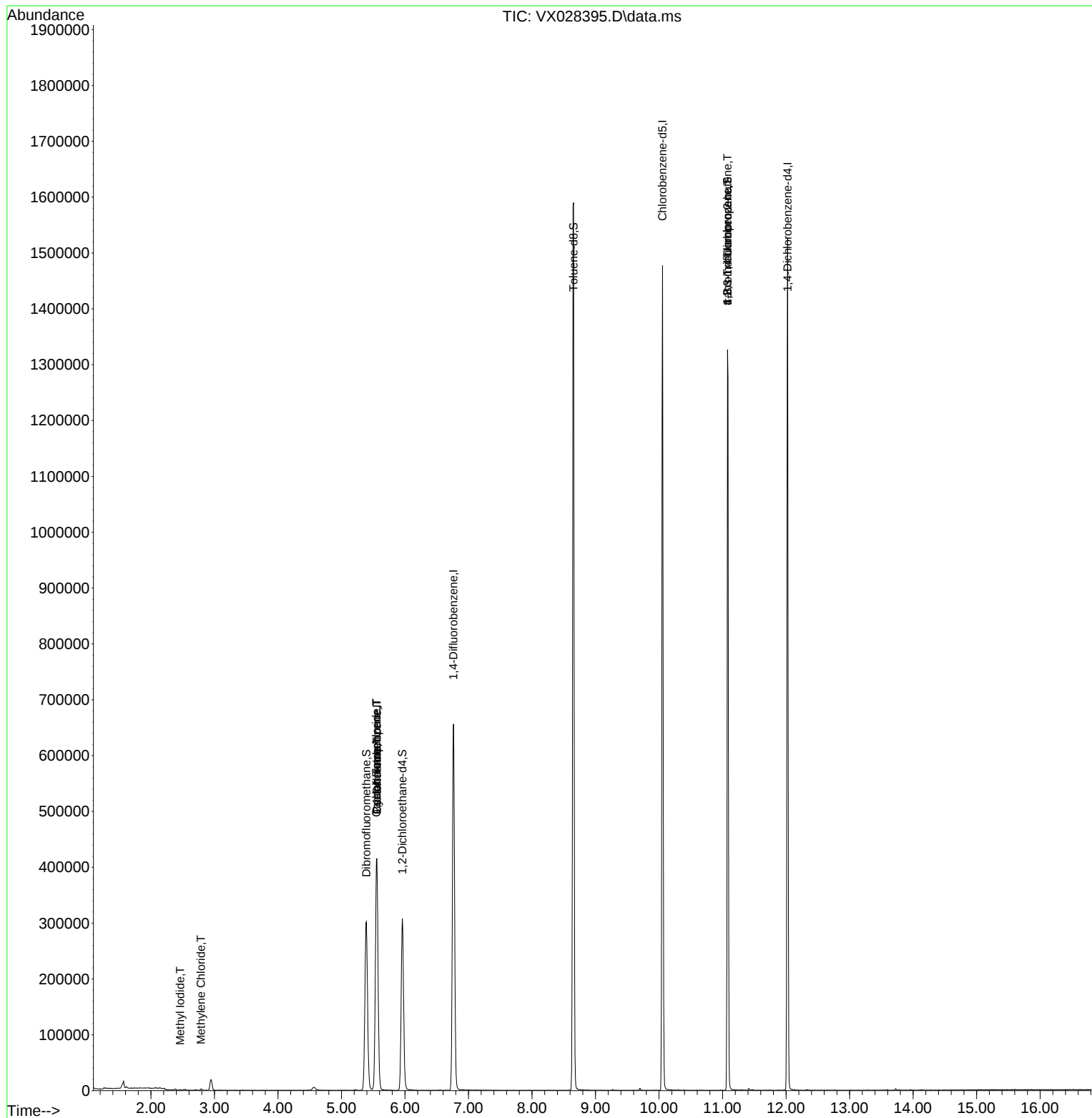
Internal Standards						
1) Pentafluorobenzene	5.556	168	411355	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	709191	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	670904	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	318555	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	291054	54.265	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 108.520%		
35) Dibromofluoromethane	5.391	113	262442	52.768	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 105.540%		
50) Toluene-d8	8.653	98	973643	50.970	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 101.940%		
62) 4-Bromofluorobenzene	11.079	95	349087	47.795	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 95.580%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	474	Below Cal	#	88
5) Bromomethane	1.611	94	1350	Below Cal		96
6) Chloroethane	1.697	64	306	Below Cal	#	43
10) Methyl Iodide	2.459	142	830	5.398	ug/l #	96
16) Acetone	2.380	43	2096	Below Cal		93
20) Methylene Chloride	2.788	84	1049	0.264	ug/l #	85
31) Cyclohexane	5.556	56	8176	1.251	ug/l #	19
36) 1,1-Dichloropropene	5.556	75	30985	4.776	ug/l #	50
38) Carbon Tetrachloride	5.550	117	40927	5.588	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	174371	27.813	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	174371	82.653	ug/l #	15

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

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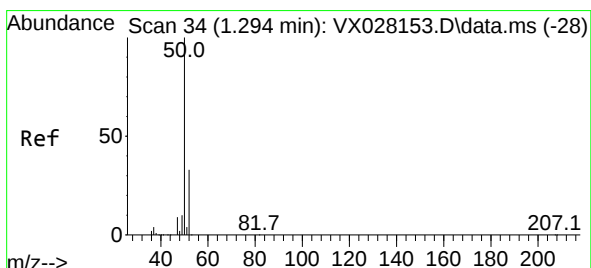
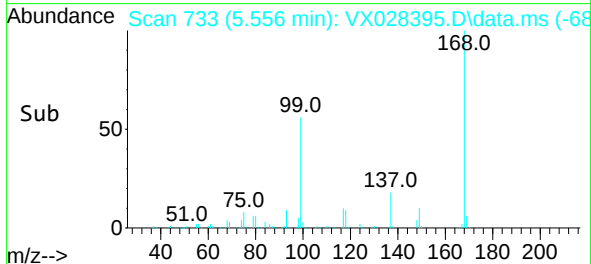
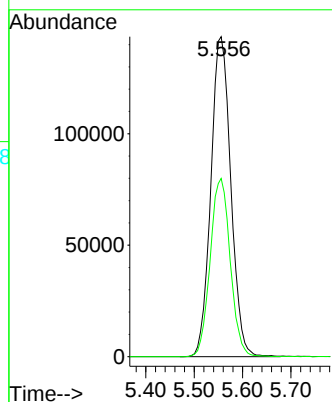
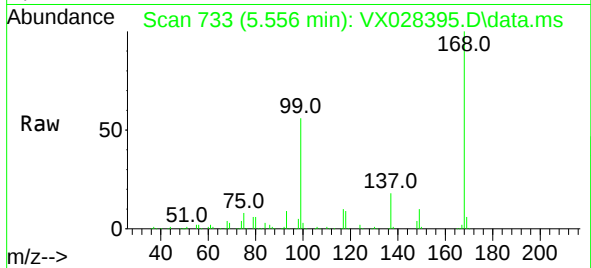




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028395.D
Acq: 28 Apr 2022 12:35

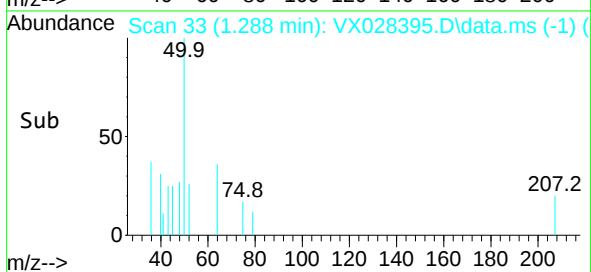
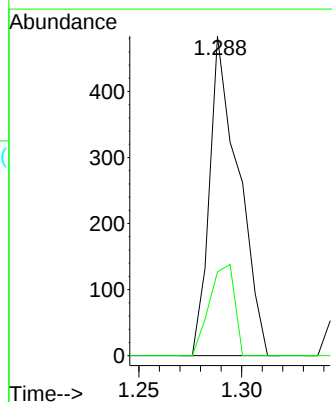
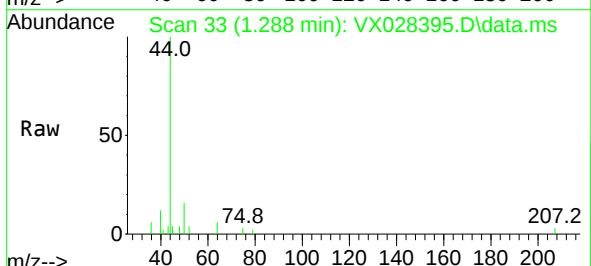
Instrument :
MSVOA_X
ClientSampleId :
VX0428WBL01

Tgt Ion:168 Resp: 411355
Ion Ratio Lower Upper
168 100
99 55.7 41.7 62.5



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX028395.D
Acq: 28 Apr 2022 12:35

Tgt Ion: 50 Resp: 474
Ion Ratio Lower Upper
50 100
52 26.2 26.4 39.6#

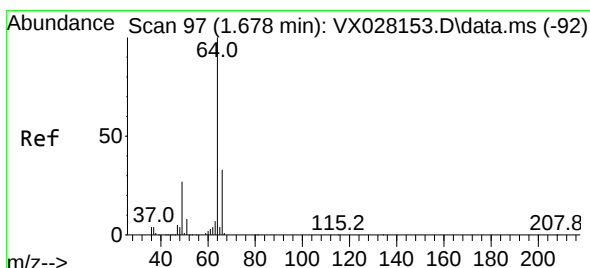
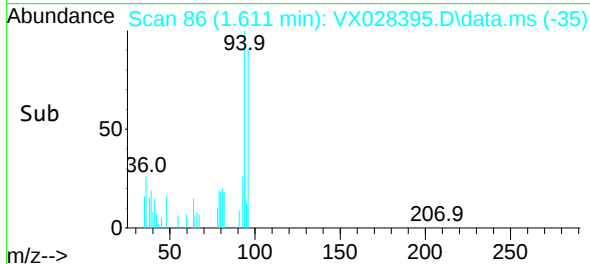
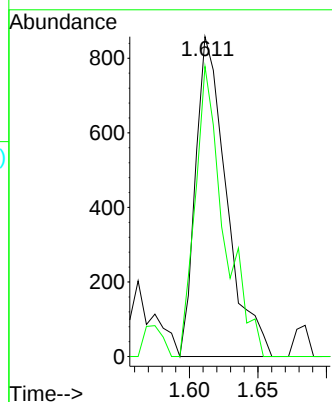
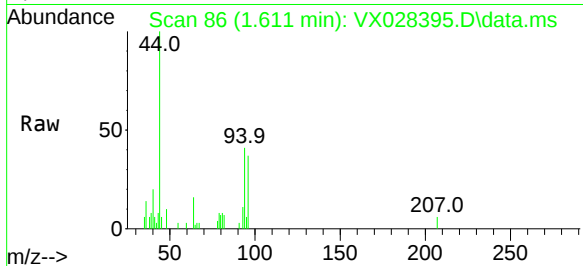




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX028395.D
Acq: 28 Apr 2022 12:35

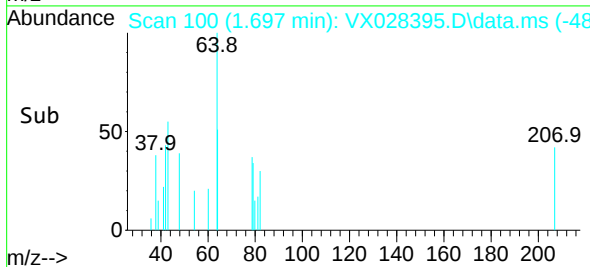
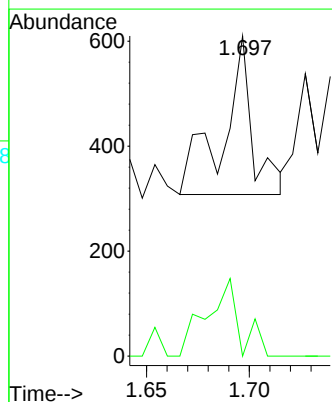
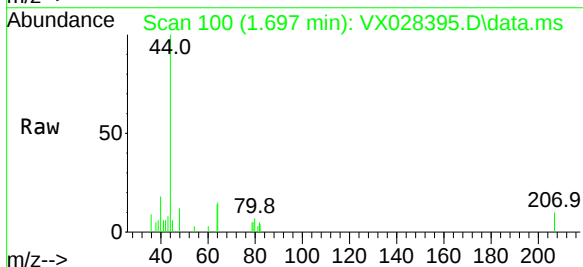
Instrument :
MSVOA_X
ClientSampleId :
VX0428WBL01

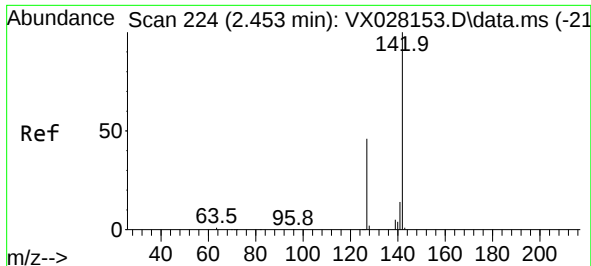
Tgt Ion: 94 Resp: 1350
Ion Ratio Lower Upper
94 100
96 90.7 75.3 112.9



#6
Chloroethane
Concen: Below Cal
RT: 1.697 min Scan# 100
Delta R.T. 0.019 min
Lab File: VX028395.D
Acq: 28 Apr 2022 12:35

Tgt Ion: 64 Resp: 306
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

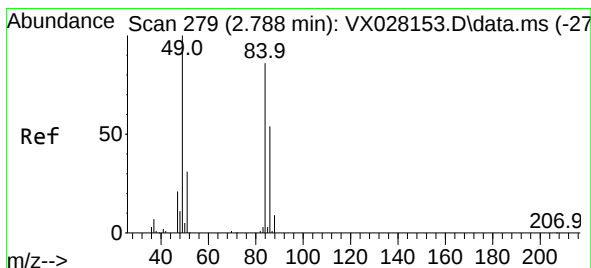
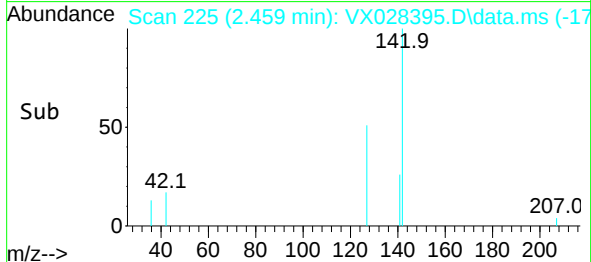
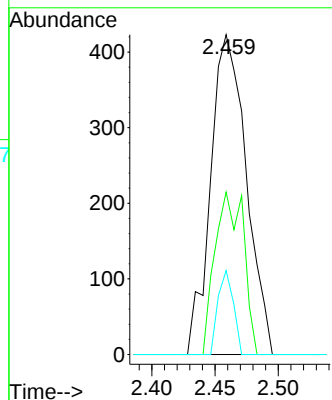
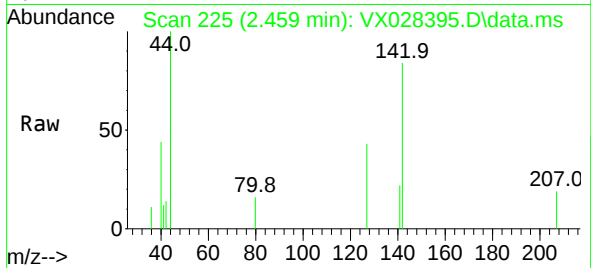




#10
Methyl Iodide
Concen: 5.398 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX028395.D
Acq: 28 Apr 2022 12:35

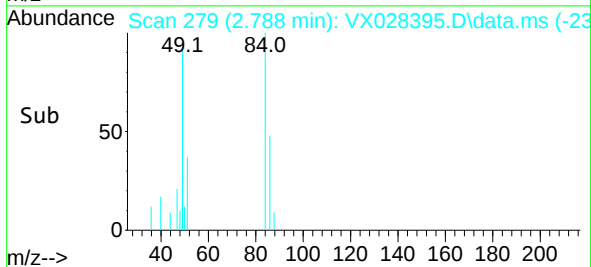
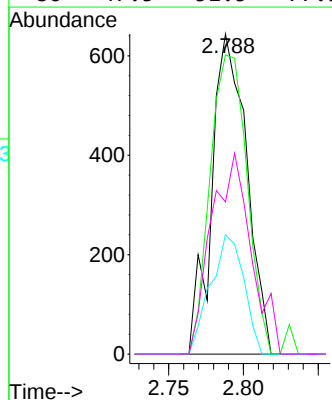
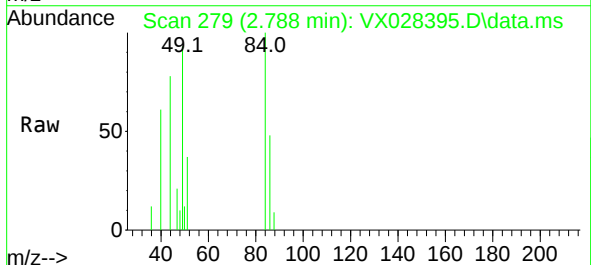
Instrument :
MSVOA_X
ClientSampleId :
VX0428WBL01

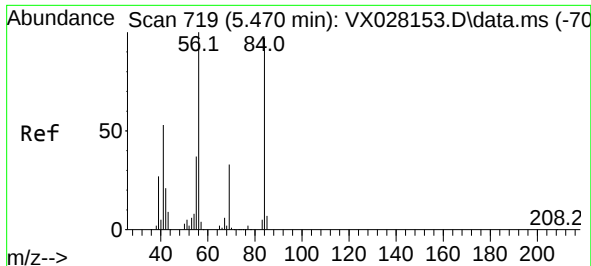
Tgt Ion:142 Resp: 830
Ion Ratio Lower Upper
142 100
127 40.7 33.9 50.9
141 11.2 11.4 17.2#



#20
Methylene Chloride
Concen: 0.264 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX028395.D
Acq: 28 Apr 2022 12:35

Tgt Ion: 84 Resp: 1049
Ion Ratio Lower Upper
84 100
49 93.5 85.5 128.3
51 37.3 26.6 39.8
86 47.5 51.5 77.3#

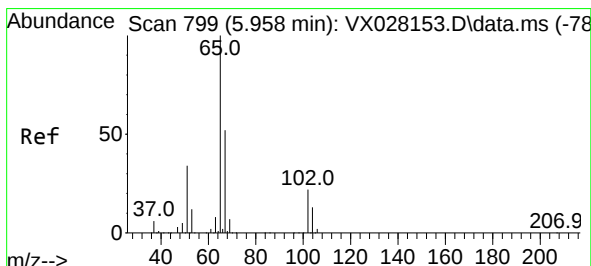
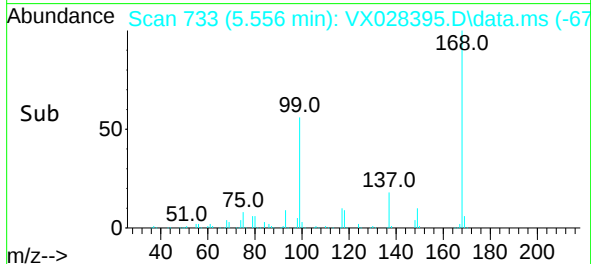
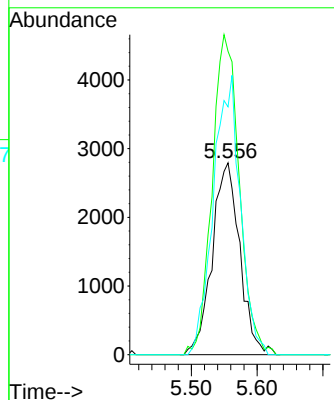
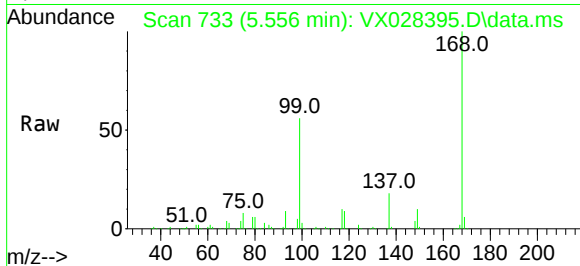




#31
Cyclohexane
Concen: 1.251 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX028395.D
Acq: 28 Apr 2022 12:35

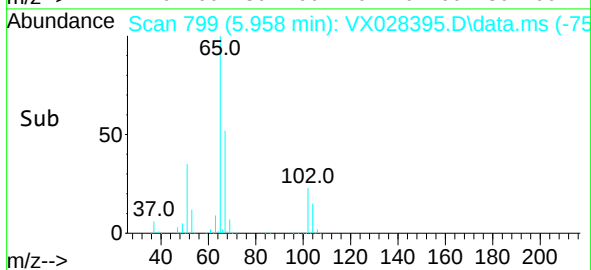
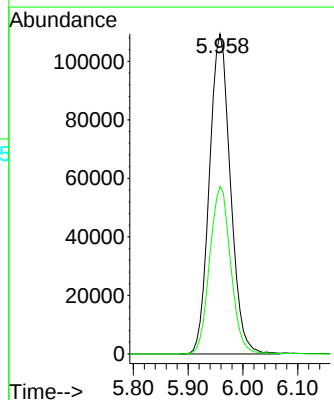
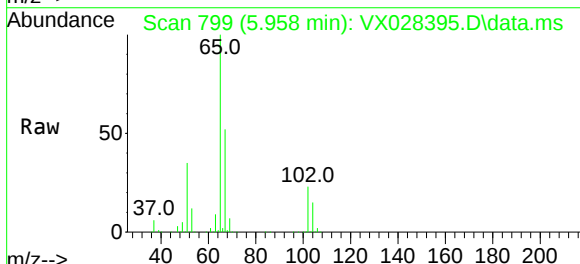
Instrument :
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ClientSampleId :
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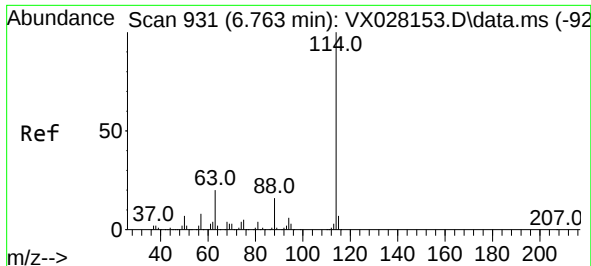
Tgt Ion: 56 Resp: 8176
Ion Ratio Lower Upper
56 100
69 158.1 26.7 40.1#
84 129.2 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 54.265 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028395.D
Acq: 28 Apr 2022 12:35

Tgt Ion: 65 Resp: 291054
Ion Ratio Lower Upper
65 100
67 52.4 0.0 107.4

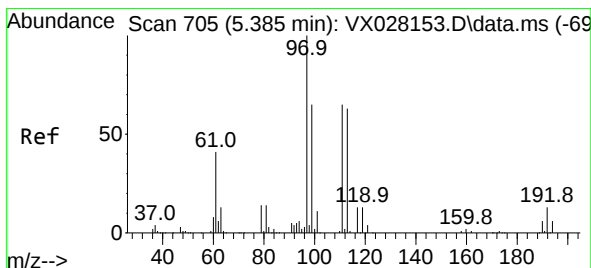
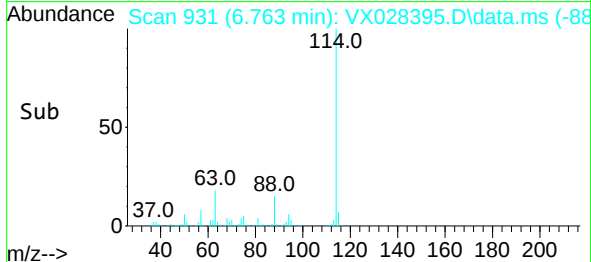
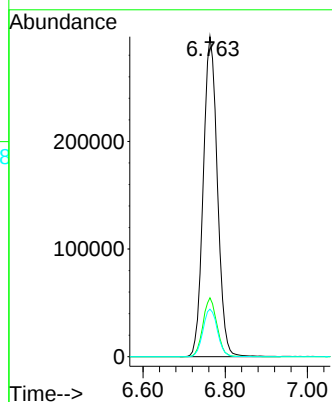
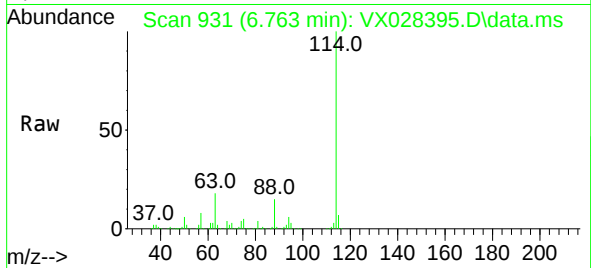




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028395.D
Acq: 28 Apr 2022 12:35

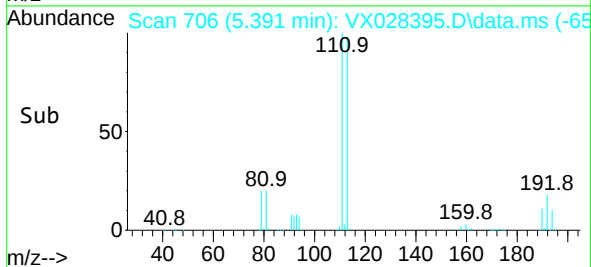
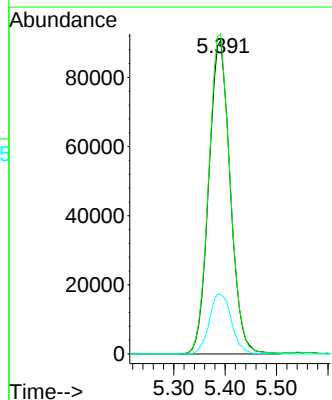
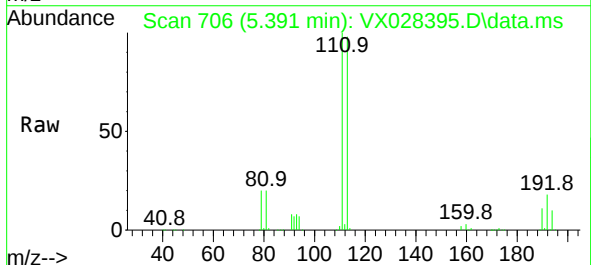
Instrument :
MSVOA_X
ClientSampleId :
VX0428WBL01

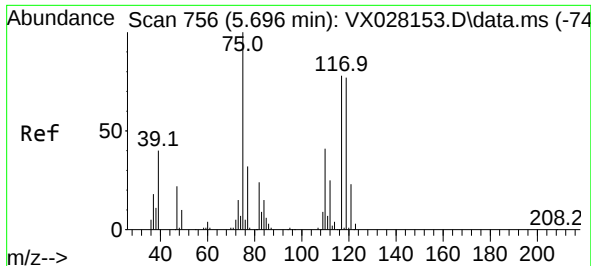
Tgt Ion:114 Resp: 709191
Ion Ratio Lower Upper
114 100
63 18.4 0.0 36.8
88 14.9 0.0 32.4



#35
Dibromofluoromethane
Concen: 52.768 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028395.D
Acq: 28 Apr 2022 12:35

Tgt Ion:113 Resp: 262442
Ion Ratio Lower Upper
113 100
111 102.3 82.8 124.2
192 19.9 16.9 25.3

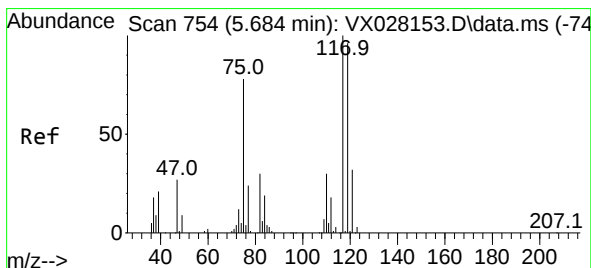
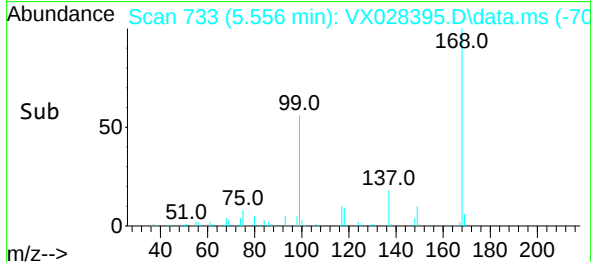
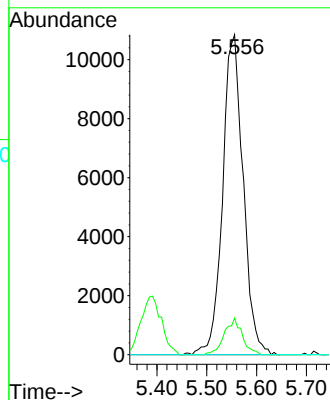
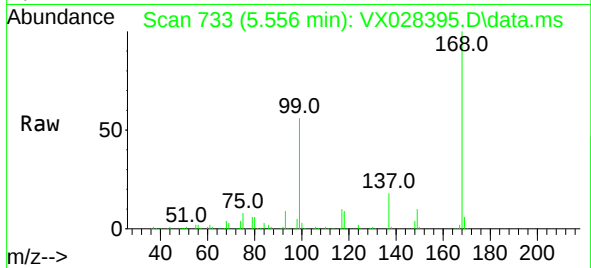




#36
1,1-Dichloropropene
Concen: 4.776 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX028395.D
Acq: 28 Apr 2022 12:35

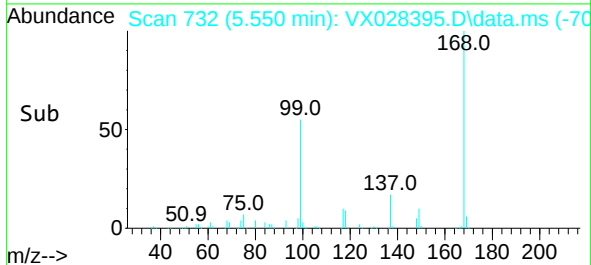
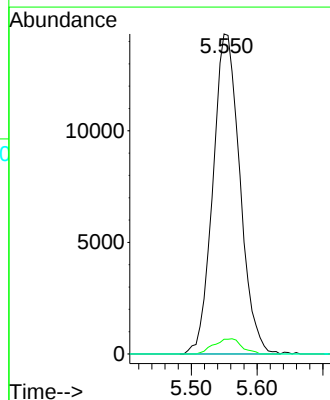
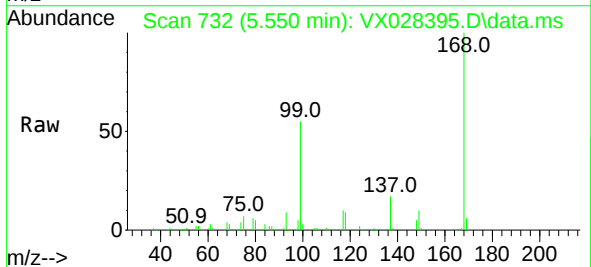
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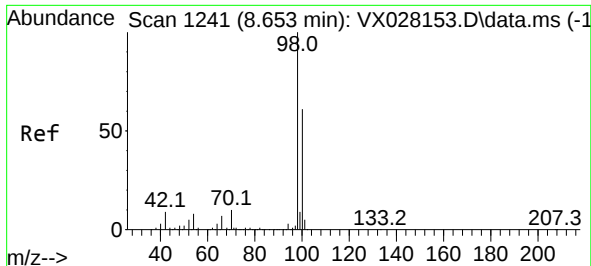
Tgt Ion: 75 Resp: 30985
Ion Ratio Lower Upper
75 100
110 10.0 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.588 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX028395.D
Acq: 28 Apr 2022 12:35

Tgt Ion: 117 Resp: 40927
Ion Ratio Lower Upper
117 100
119 4.6 77.3 115.9#
121 0.0 24.2 36.2#

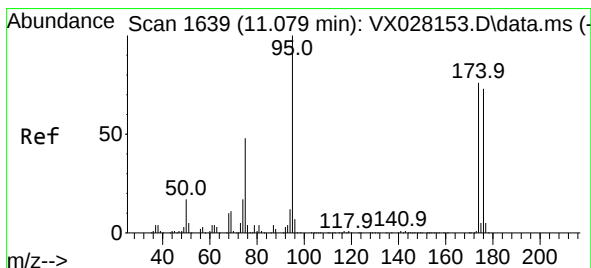
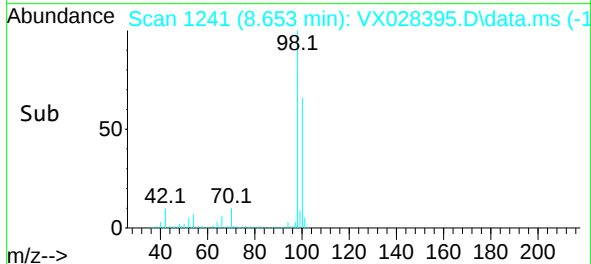
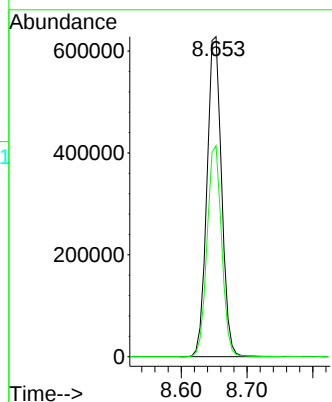
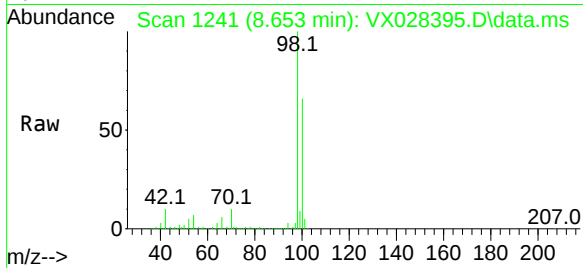




#50
Toluene-d8
Concen: 50.970 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028395.D
Acq: 28 Apr 2022 12:35

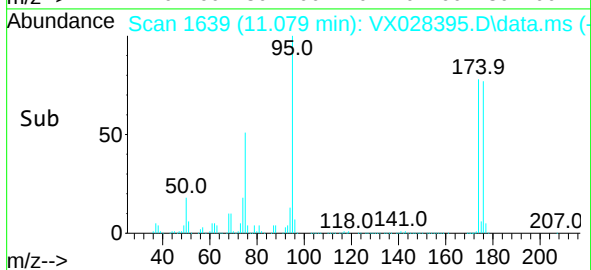
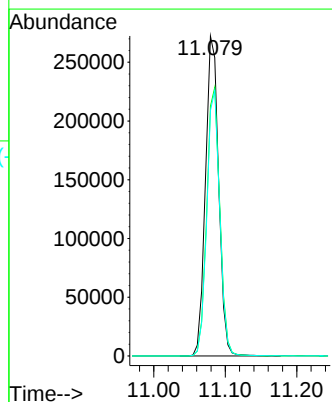
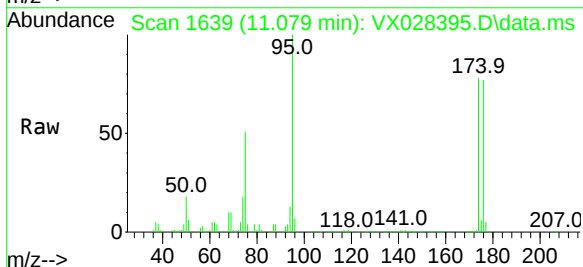
Instrument :
MSVOA_X
ClientSampleId :
VX0428WBL01

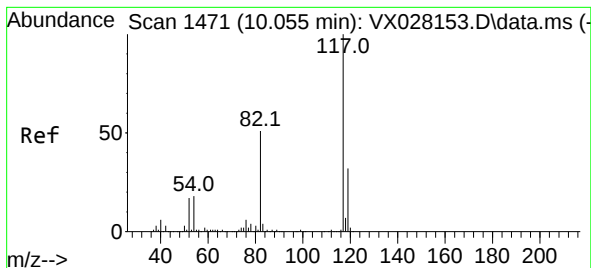
Tgt Ion: 98 Resp: 973643
Ion Ratio Lower Upper
98 100
100 65.6 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 47.795 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028395.D
Acq: 28 Apr 2022 12:35

Tgt Ion: 95 Resp: 349087
Ion Ratio Lower Upper
95 100
174 83.4 0.0 163.0
176 81.6 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: VX028395.D

Acq: 28 Apr 2022 12:35

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBL01

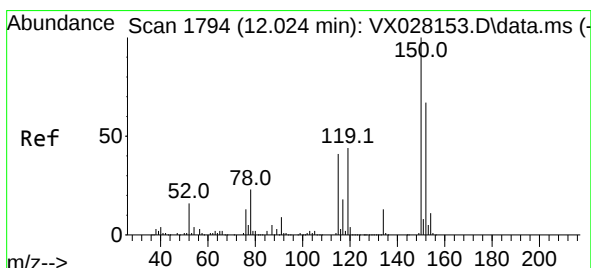
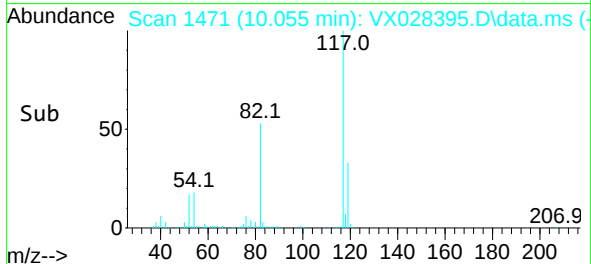
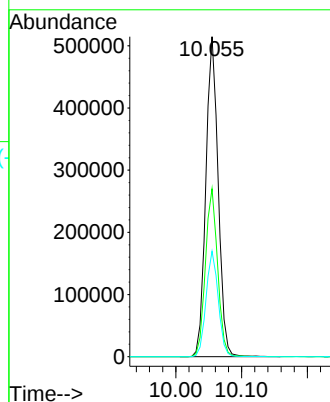
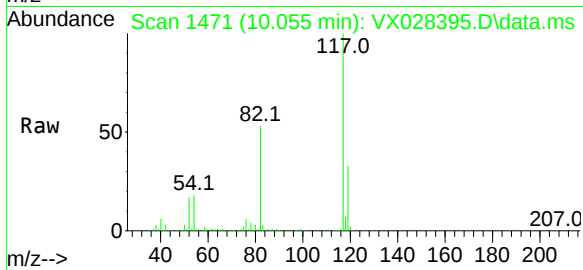
Tgt Ion:117 Resp: 670904

Ion Ratio Lower Upper

117 100

82 52.5 41.8 62.8

119 33.0 24.8 37.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX028395.D

Acq: 28 Apr 2022 12:35

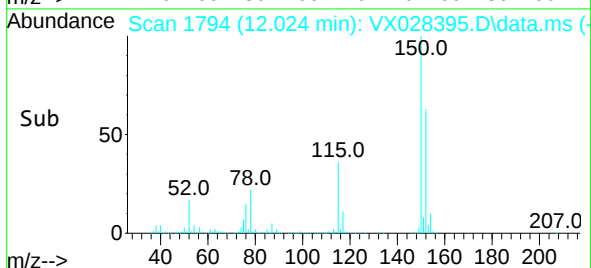
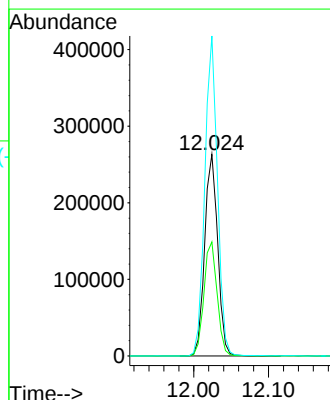
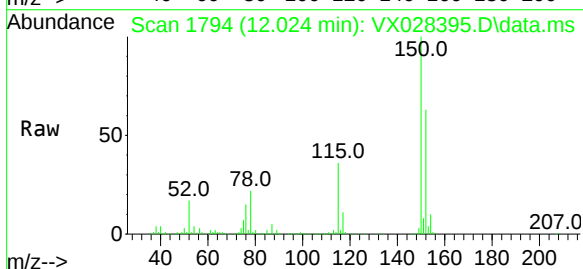
Tgt Ion:152 Resp: 318555

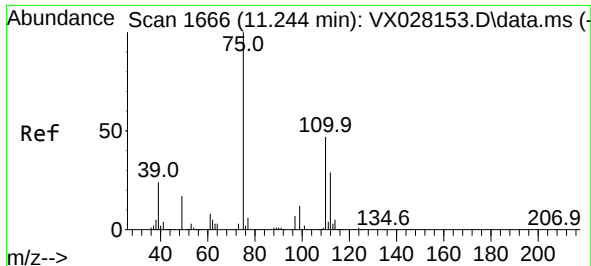
Ion Ratio Lower Upper

152 100

115 57.4 37.5 112.7

150 153.9 0.0 338.2

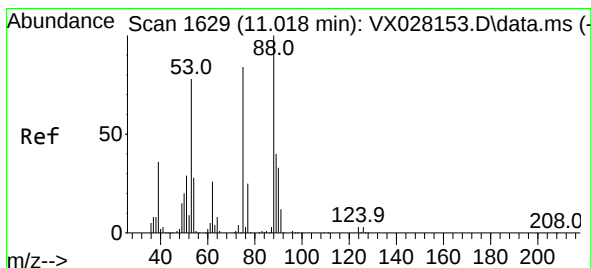
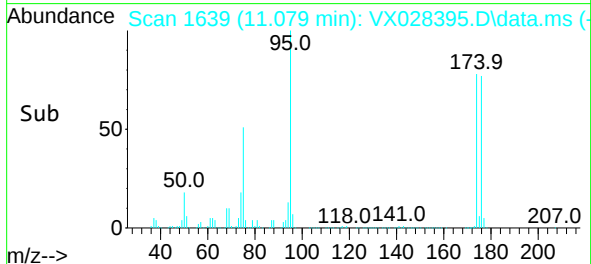
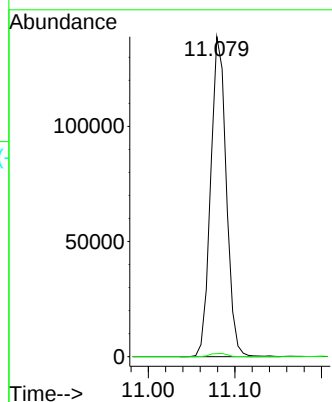
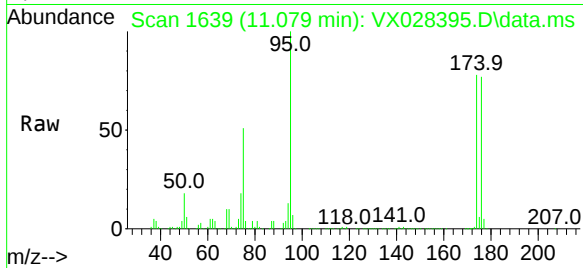




#76
1,2,3-Trichloropropane
Concen: 27.813 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX028395.D
Acq: 28 Apr 2022 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX0428WBL01

Tgt Ion: 75 Resp: 174371
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.653 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028395.D
Acq: 28 Apr 2022 12:35

Tgt Ion: 75 Resp: 174371
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

