

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042622\
 Data File : VX028341.D
 Acq On : 26 Apr 2022 11:46
 Operator : JC/MD
 Sample : VX0426MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0426MBL01

Quant Time: Apr 26 17:42:58 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)

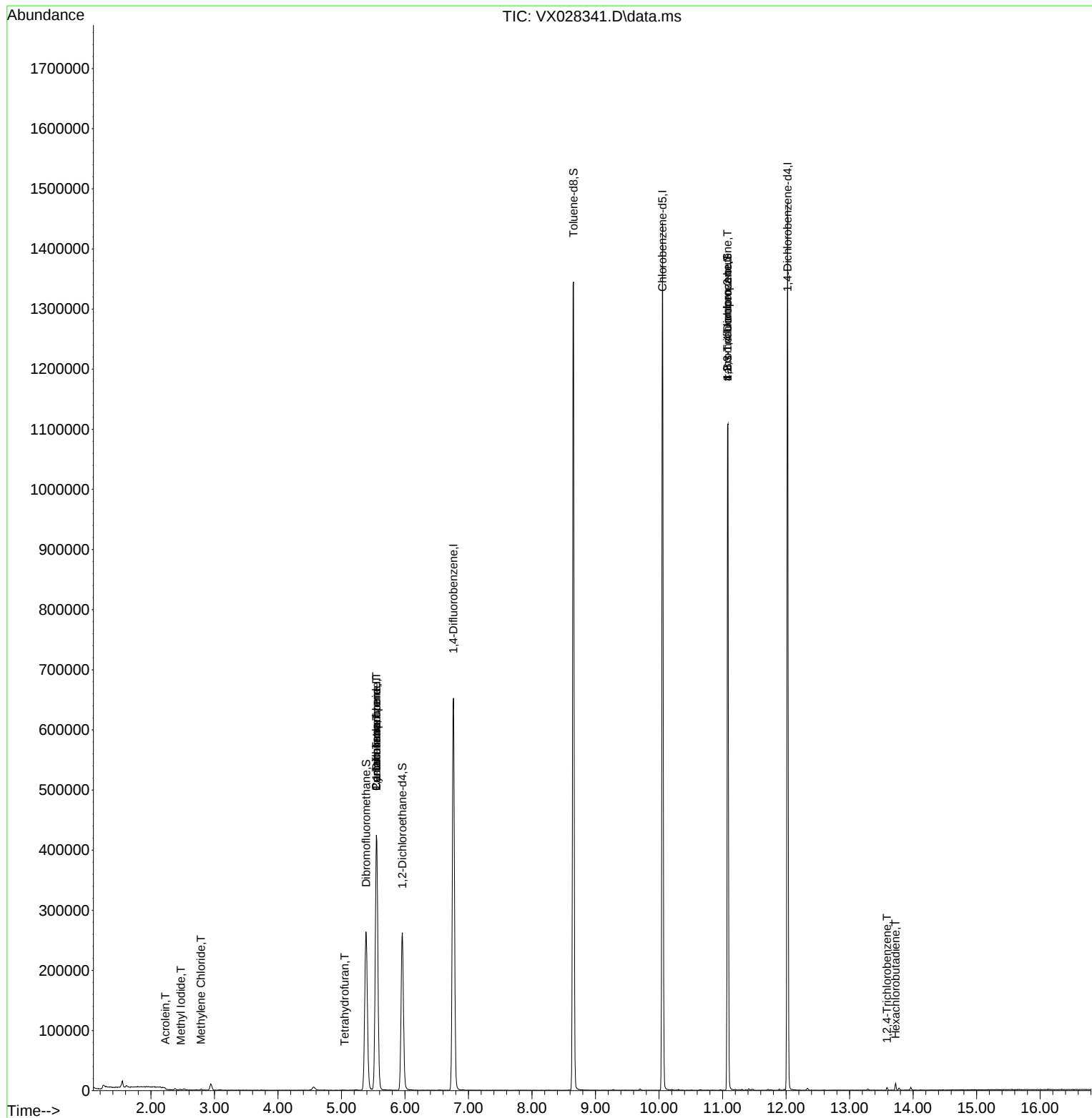
Internal Standards						
1) Pentafluorobenzene	5.549	168	420954	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	707988	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	667485	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	304321	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	247827	45.152	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	90.300%		
35) Dibromofluoromethane	5.385	113	232616	46.851	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	93.700%		
50) Toluene-d8	8.653	98	833443	43.705	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	87.400%		
62) 4-Bromofluorobenzene	11.079	95	296218	40.625	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	81.260%		
Target Compounds						Qvalue
3) Chloromethane	1.288	50	612	Below Cal		96
5) Bromomethane	1.611	94	1482	Below Cal		85
6) Chloroethane	1.690	64	437	Below Cal #		86
10) Methyl Iodide	2.471	142	1366	5.497 ug/l		98
11) Tert butyl alcohol	2.940	59	5840	Below Cal #		73
13) Acrolein	2.227	56	263	0.391 ug/l #		64
20) Methylene Chloride	2.788	84	900	0.221 ug/l #		86
29) Tetrahydrofuran	5.050	42	496	0.234 ug/l #		29
31) Cyclohexane	5.549	56	8294	1.240 ug/l #		19
36) 1,1-Dichloropropene	5.549	75	30590	4.723 ug/l #		50
38) Carbon Tetrachloride	5.549	117	40906	5.595 ug/l #		15
76) 1,2,3-Trichloropropane	11.079	75	148470	24.789 ug/l #		38
81) trans-1,4-Dichloro-2-b...	11.079	75	148470	73.668 ug/l #		15
93) 1,2,4-Trichlorobenzene	13.591	180	1210	0.200 ug/l		97
94) Hexachlorobutadiene	13.725	225	1492	0.553 ug/l		96

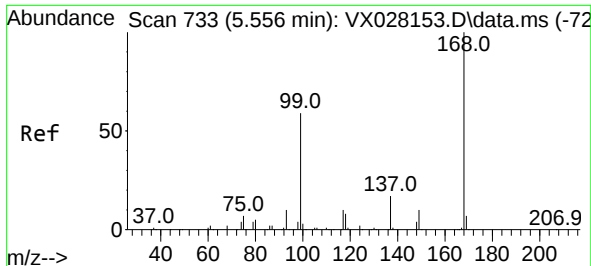
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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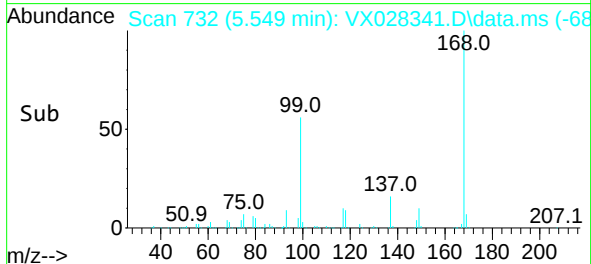
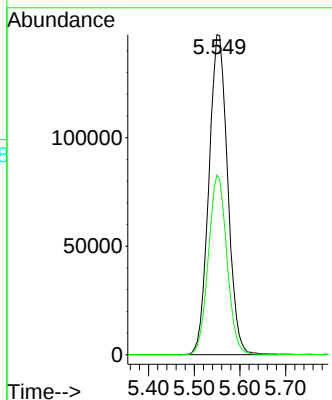
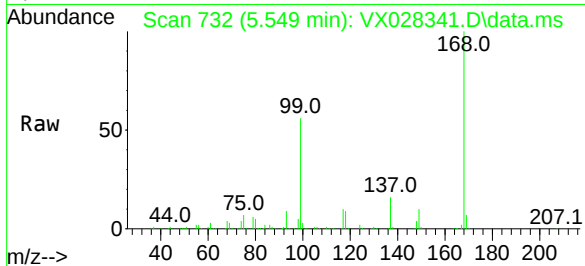




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX028341.D
Acq: 26 Apr 2022 11:46

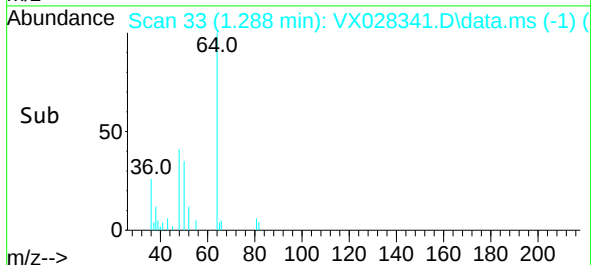
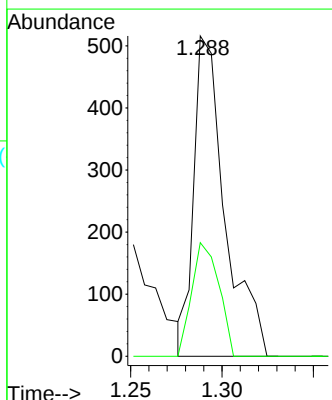
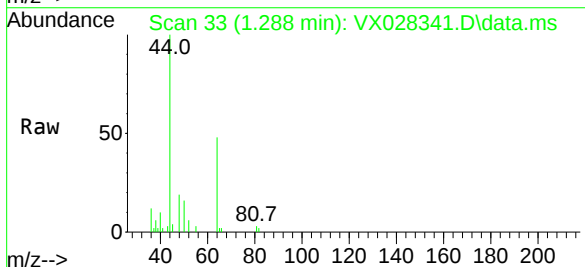
Instrument :
MSVOA_X
ClientSampleId :
VX0426MBL01

Tgt Ion:168 Resp: 420954
Ion Ratio Lower Upper
168 100
99 56.1 41.7 62.5



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX028341.D
Acq: 26 Apr 2022 11:46

Tgt Ion: 50 Resp: 612
Ion Ratio Lower Upper
50 100
52 35.5 26.4 39.6

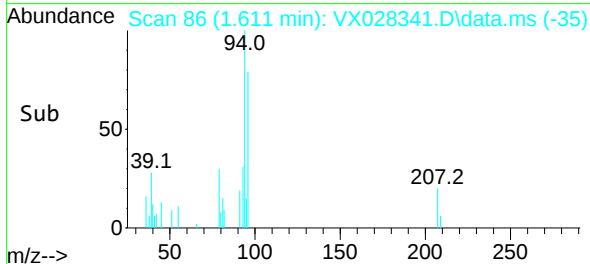
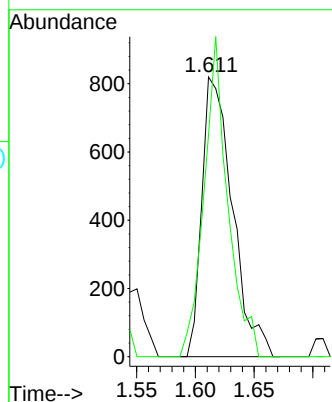
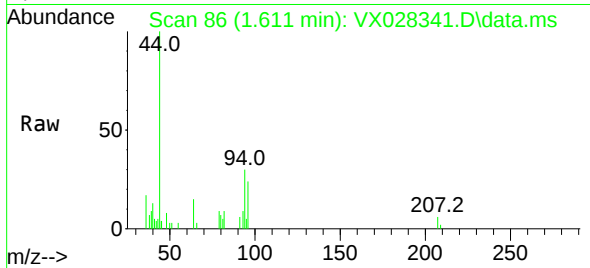




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX028341.D
Acq: 26 Apr 2022 11:46

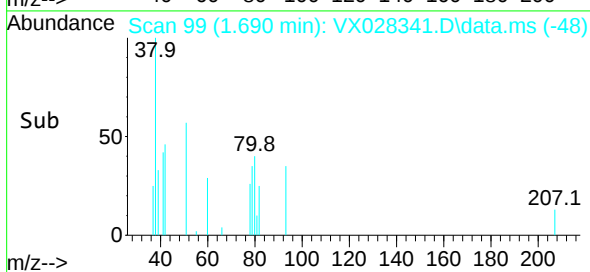
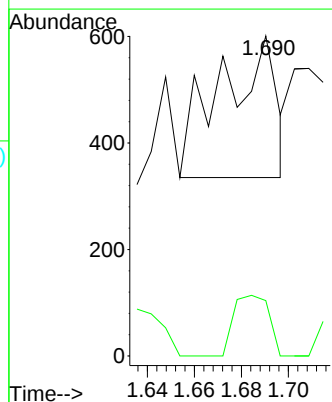
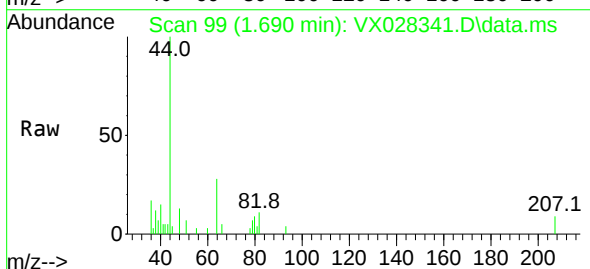
Instrument :
MSVOA_X
ClientSampleId :
VX0426MBL01

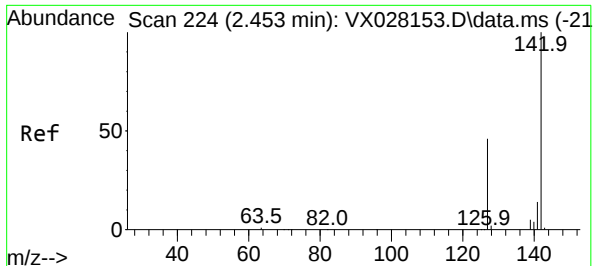
Tgt Ion: 94 Resp: 1482
Ion Ratio Lower Upper
94 100
96 79.3 75.3 112.9



#6
Chloroethane
Concen: Below Cal
RT: 1.690 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX028341.D
Acq: 26 Apr 2022 11:46

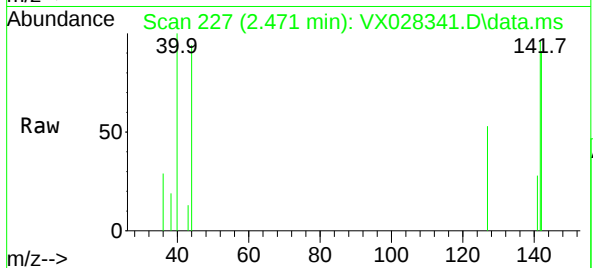
Tgt Ion: 64 Resp: 437
Ion Ratio Lower Upper
64 100
66 39.1 25.3 37.9#



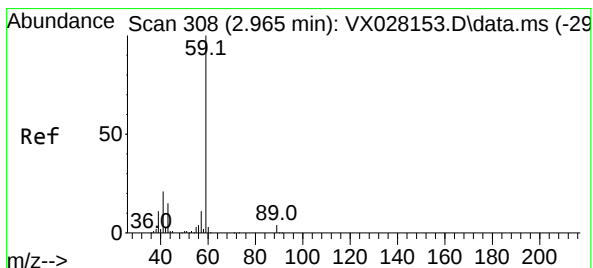
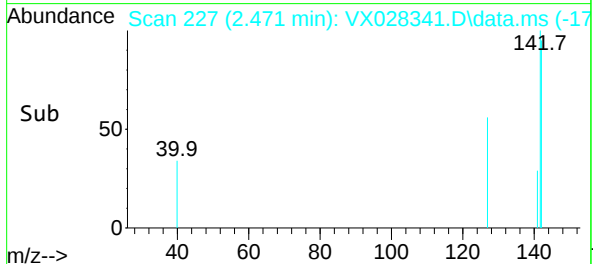
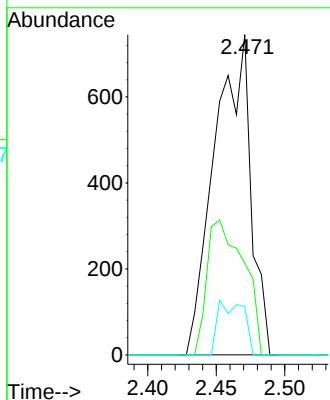


#10
Methyl Iodide
Concen: 5.497 ug/l
RT: 2.471 min Scan# 21
Delta R.T. 0.018 min
Lab File: VX028341.D
Acq: 26 Apr 2022 11:46

Instrument :
MSVOA_X
ClientSampleId :
VX0426MBL01

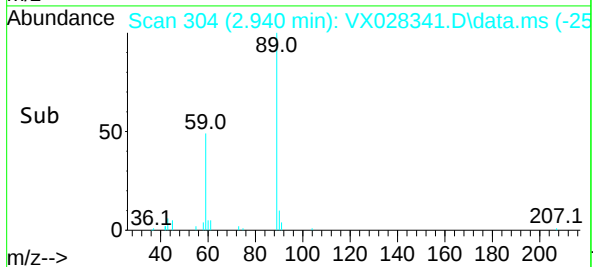
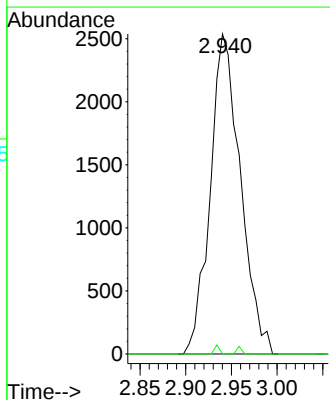
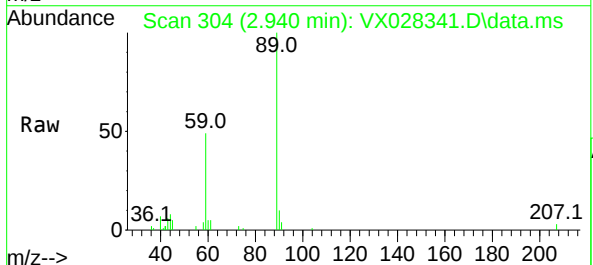


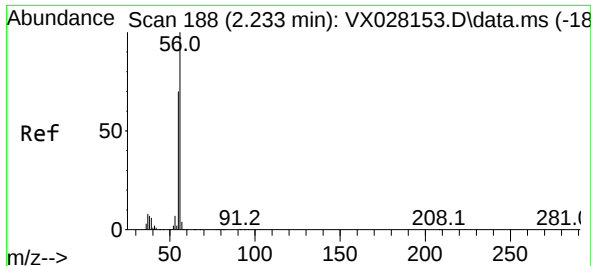
Tgt Ion:142 Resp: 1366
Ion Ratio Lower Upper
142 100
127 42.9 33.9 50.9
141 12.1 11.4 17.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.940 min Scan# 304
Delta R.T. -0.025 min
Lab File: VX028341.D
Acq: 26 Apr 2022 11:46

Tgt Ion: 59 Resp: 5840
Ion Ratio Lower Upper
59 100
57 0.5 8.3 12.5#

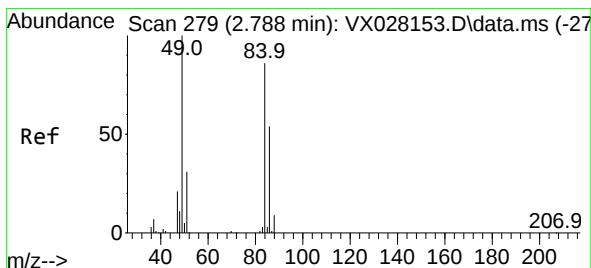
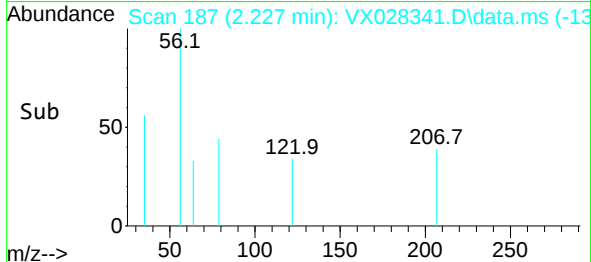
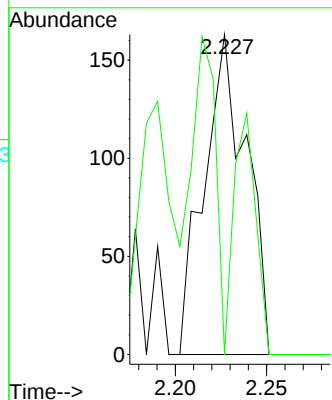
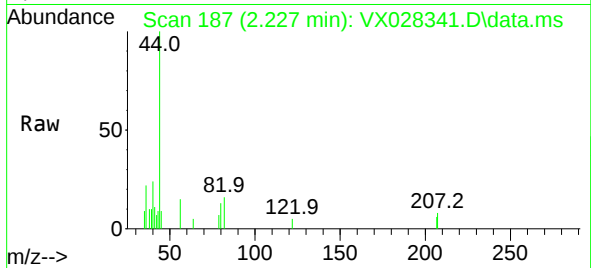




#13
Acrolein
Concen: 0.391 ug/l
RT: 2.227 min Scan# 187
Delta R.T. -0.006 min
Lab File: VX028341.D
Acq: 26 Apr 2022 11:46

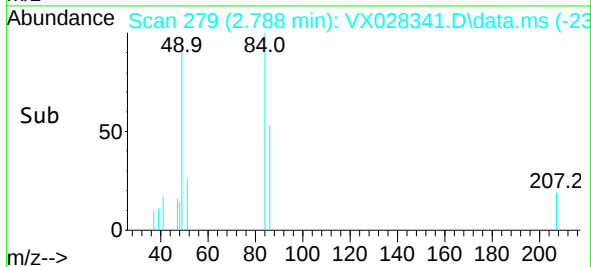
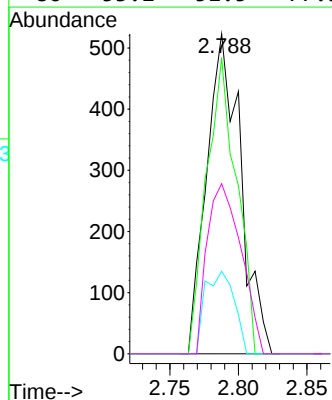
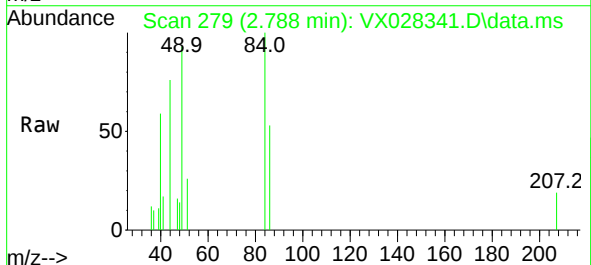
Instrument :
MSVOA_X
ClientSampleId :
VX0426MBL01

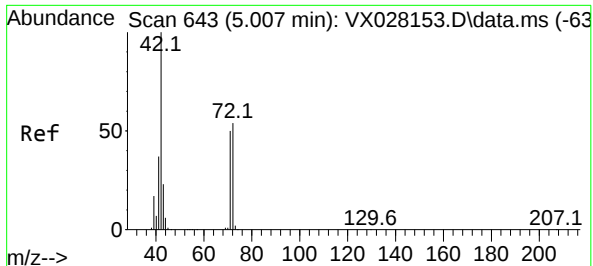
Tgt Ion: 56 Resp: 263
Ion Ratio Lower Upper
56 100
55 39.2 55.0 82.6#



#20
Methylene Chloride
Concen: 0.221 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX028341.D
Acq: 26 Apr 2022 11:46

Tgt Ion: 84 Resp: 900
Ion Ratio Lower Upper
84 100
49 92.5 85.5 128.3
51 25.8 26.6 39.8#
86 53.2 51.5 77.3





#29

Tetrahydrofuran

Concen: 0.234 ug/l

RT: 5.050 min Scan# 61

Delta R.T. 0.043 min

Lab File: VX028341.D

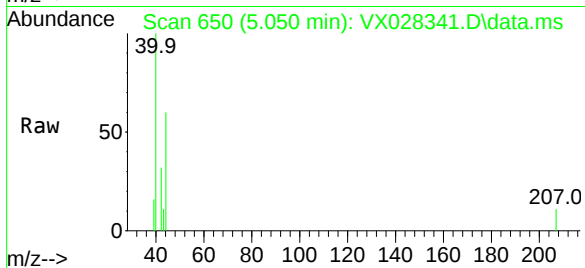
Acq: 26 Apr 2022 11:46

Instrument :

MSVOA_X

ClientSampleId :

VX0426MBL01



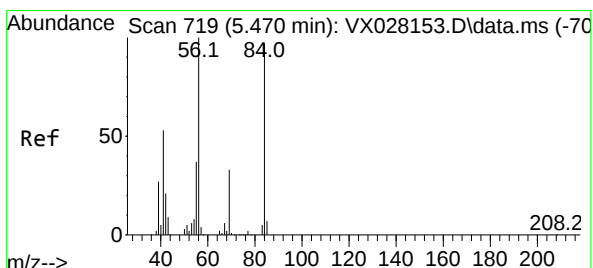
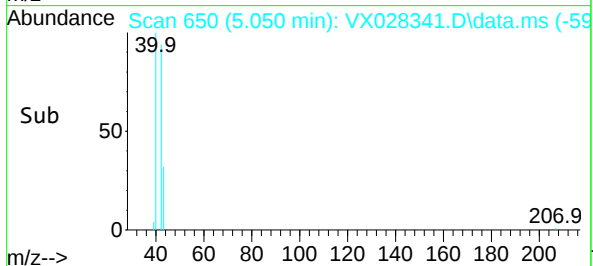
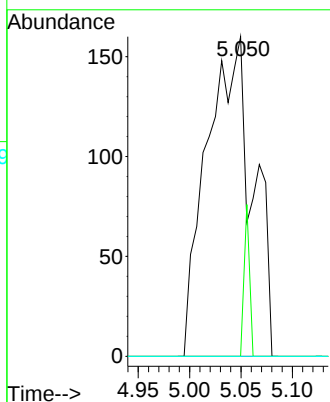
Tgt Ion: 42 Resp: 496

Ion Ratio Lower Upper

42 100

72 5.6 44.1 66.1#

71 0.0 40.5 60.7#



#31

Cyclohexane

Concen: 1.240 ug/l

RT: 5.549 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX028341.D

Acq: 26 Apr 2022 11:46

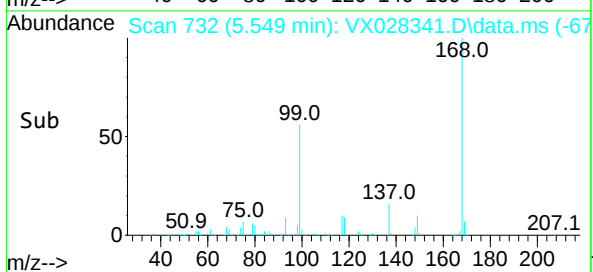
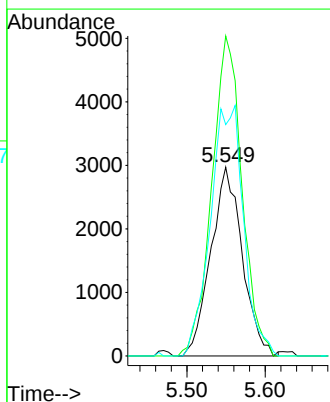
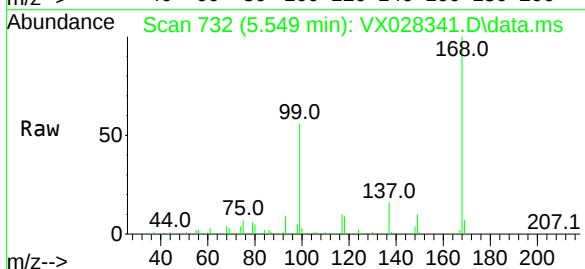
Tgt Ion: 56 Resp: 8294

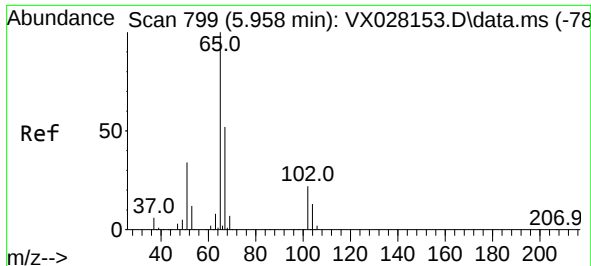
Ion Ratio Lower Upper

56 100

69 169.4 26.7 40.1#

84 122.5 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 45.152 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX028341.D

Acq: 26 Apr 2022 11:46

Instrument :

MSVOA_X

ClientSampleId :

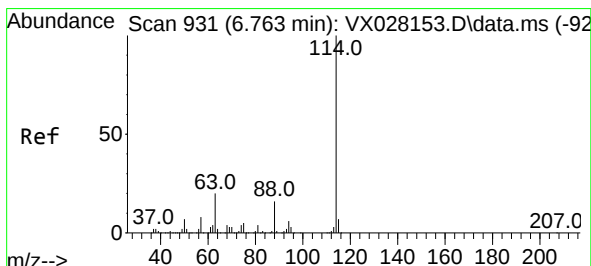
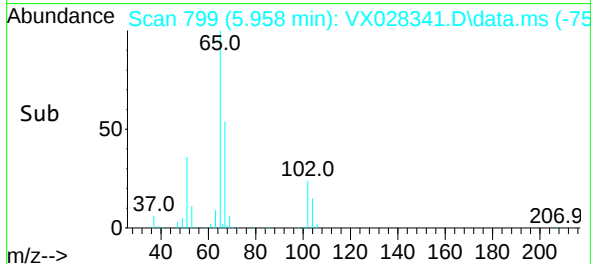
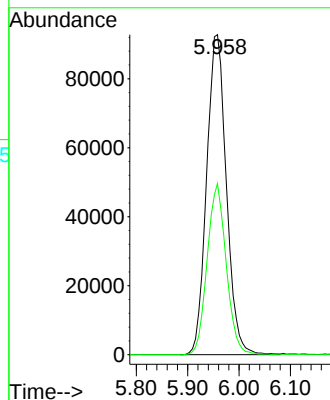
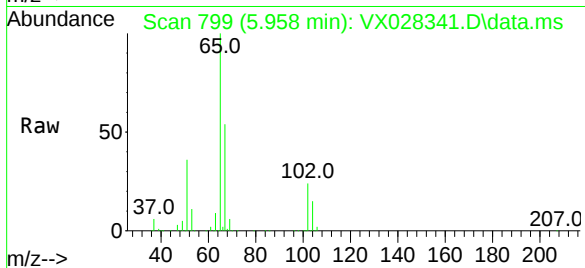
VX0426MBL01

Tgt Ion: 65 Resp: 247827

Ion Ratio Lower Upper

65 100

67 51.5 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX028341.D

Acq: 26 Apr 2022 11:46

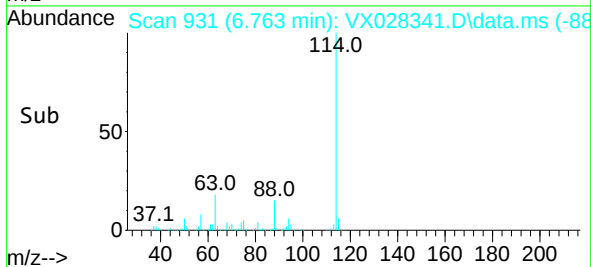
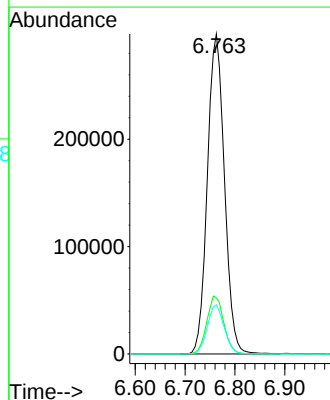
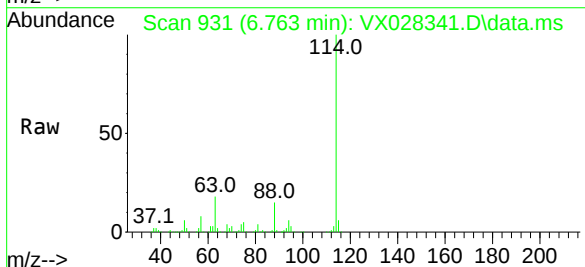
Tgt Ion: 114 Resp: 707988

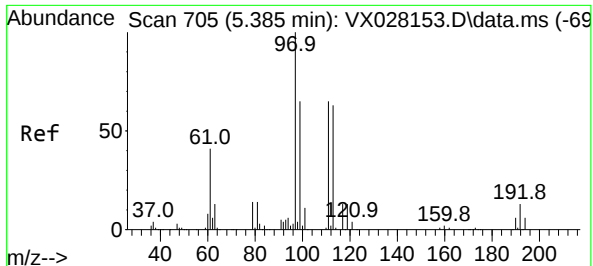
Ion Ratio Lower Upper

114 100

63 17.6 0.0 36.8

88 15.4 0.0 32.4

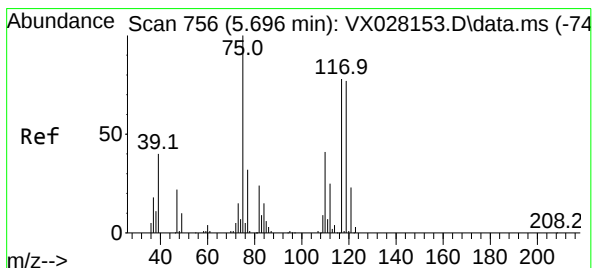
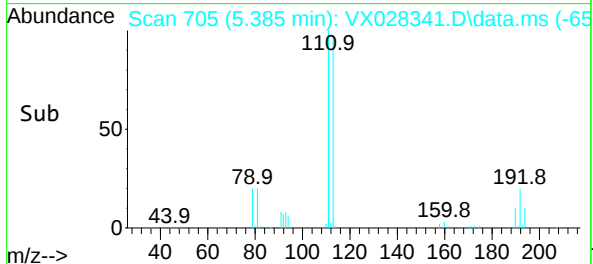
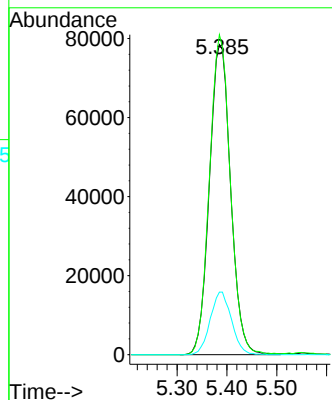
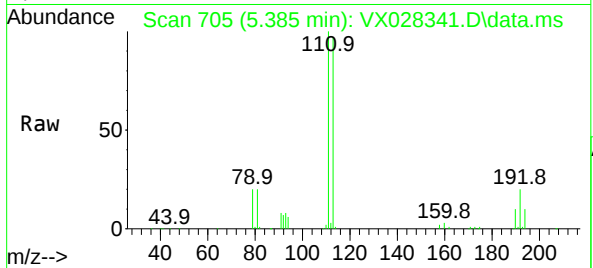




#35
Dibromofluoromethane
Concen: 46.851 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX028341.D
Acq: 26 Apr 2022 11:46

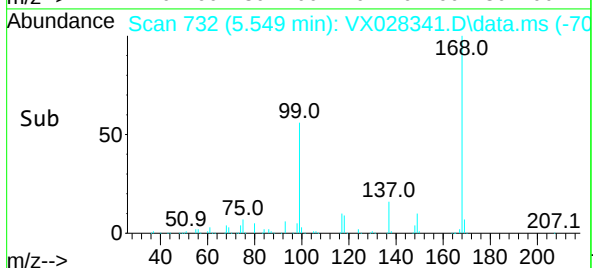
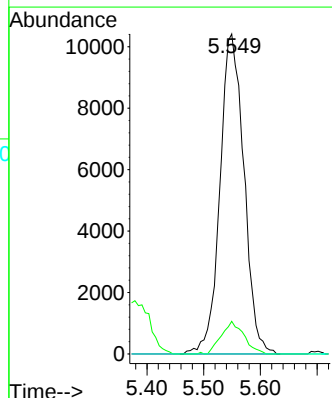
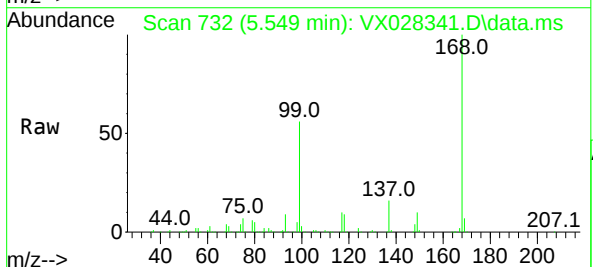
Instrument :
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VX0426MBL01

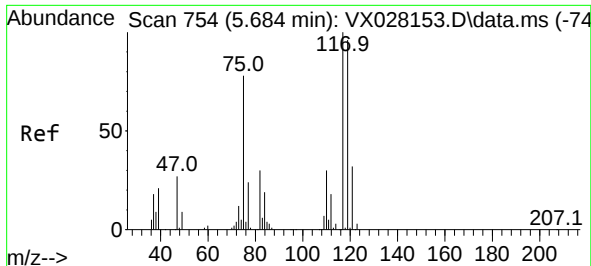
Tgt Ion:113 Resp: 232616
Ion Ratio Lower Upper
113 100
111 101.5 82.8 124.2
192 20.2 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.723 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.147 min
Lab File: VX028341.D
Acq: 26 Apr 2022 11:46

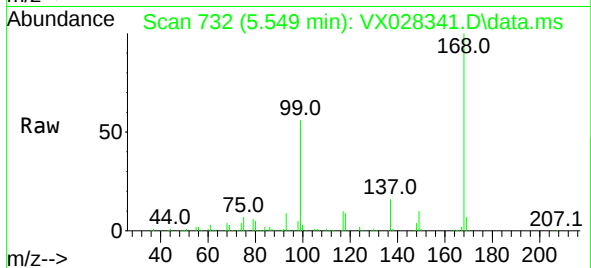
Tgt Ion: 75 Resp: 30590
Ion Ratio Lower Upper
75 100
110 9.7 18.3 54.8#
77 0.0 24.8 37.2#



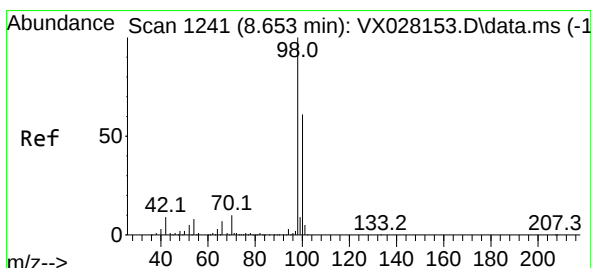
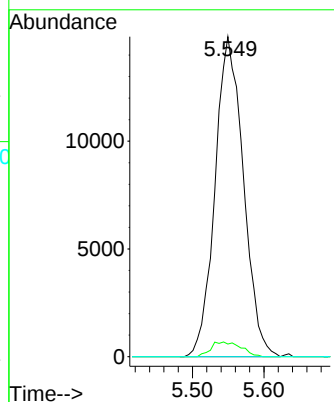
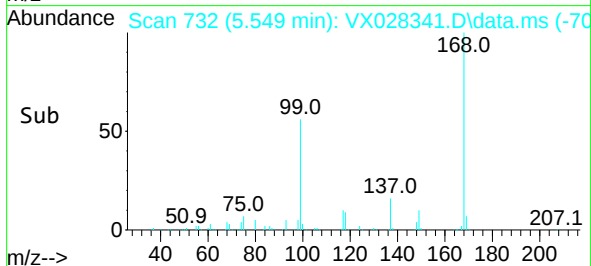


#38
Carbon Tetrachloride
Concen: 5.595 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.135 min
Lab File: VX028341.D
Acq: 26 Apr 2022 11:46

Instrument :
MSVOA_X
ClientSampleId :
VX0426MBL01

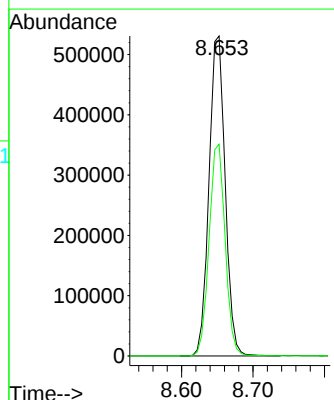
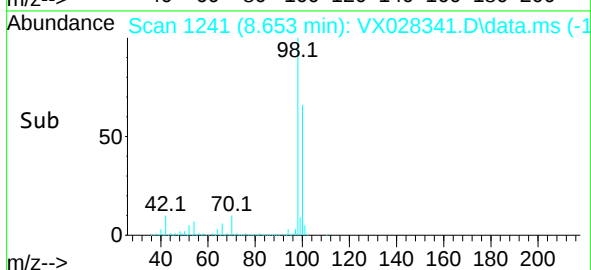
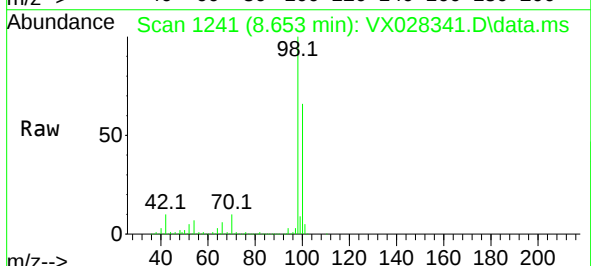


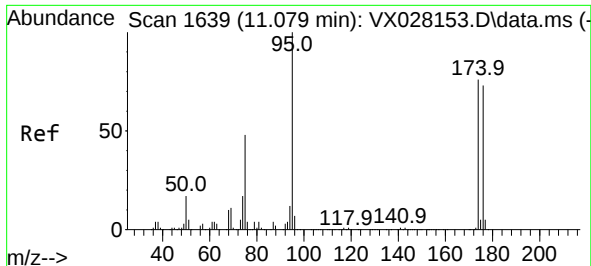
Tgt Ion:117 Resp: 40906
Ion Ratio Lower Upper
117 100
119 3.9 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 43.705 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX028341.D
Acq: 26 Apr 2022 11:46

Tgt Ion: 98 Resp: 833443
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8

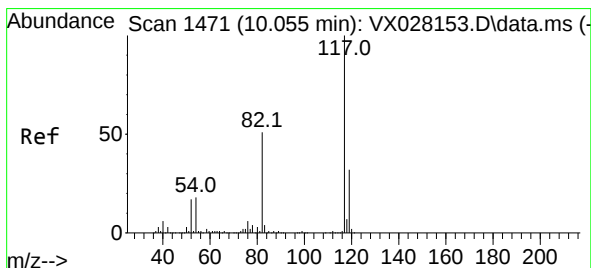
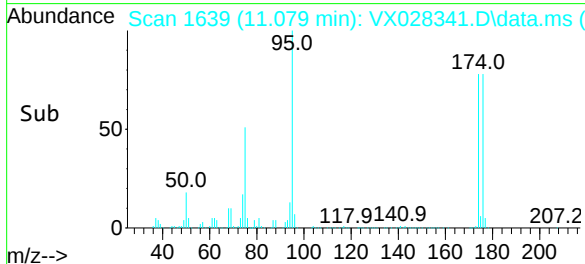
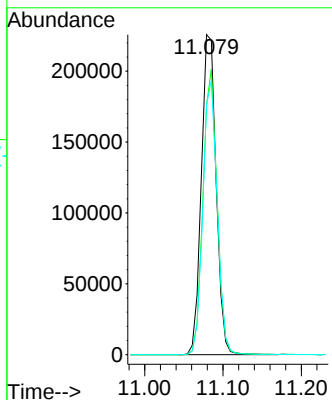
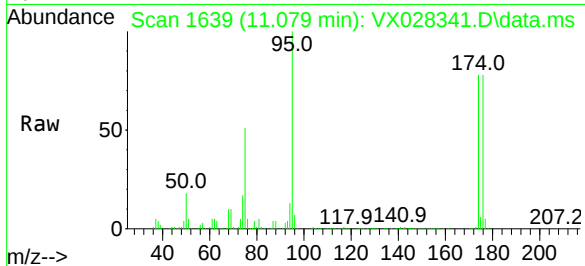




#62
4-Bromofluorobenzene
Concen: 40.625 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX028341.D
Acq: 26 Apr 2022 11:46

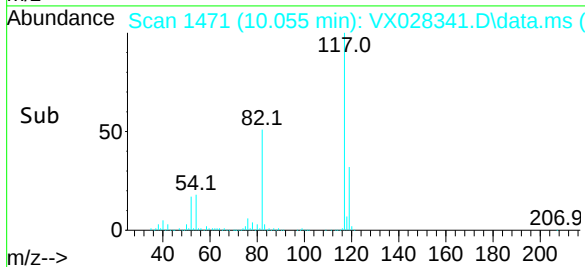
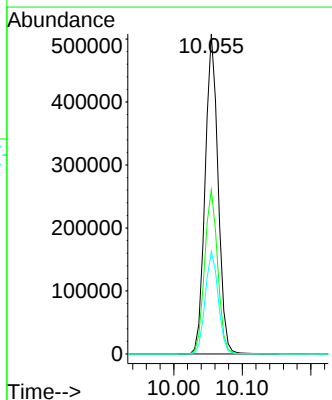
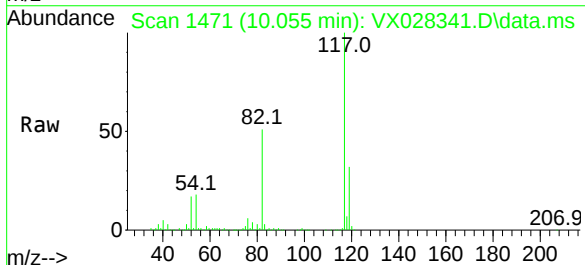
Instrument :
MSVOA_X
ClientSampleId :
VX0426MBL01

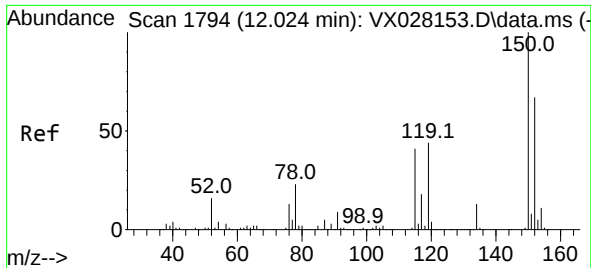
Tgt Ion: 95 Resp: 296218
Ion Ratio Lower Upper
95 100
174 85.1 0.0 163.0
176 83.1 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028341.D
Acq: 26 Apr 2022 11:46

Tgt Ion: 117 Resp: 667485
Ion Ratio Lower Upper
117 100
82 51.2 41.8 62.8
119 31.9 24.8 37.2

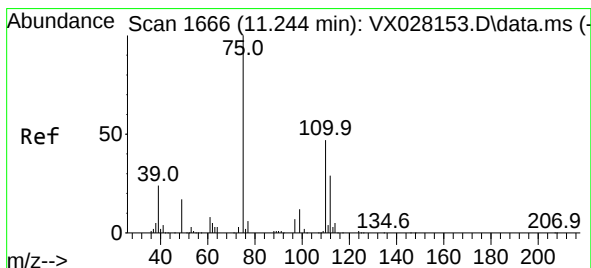
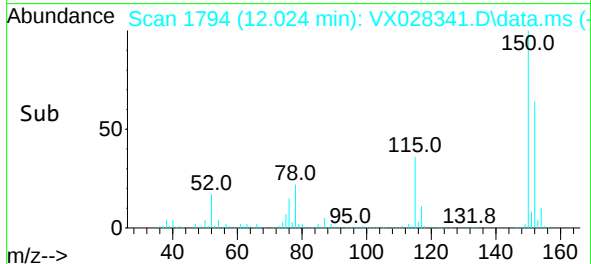
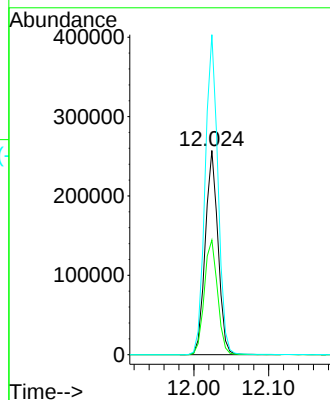
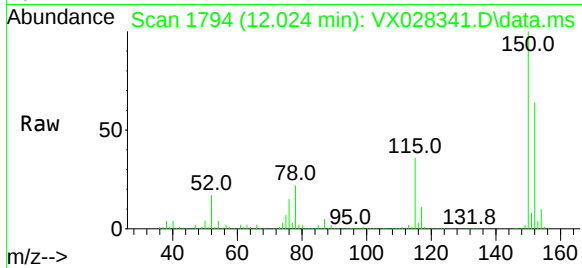




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX028341.D
 Acq: 26 Apr 2022 11:46

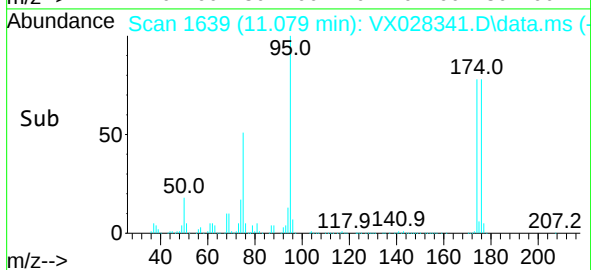
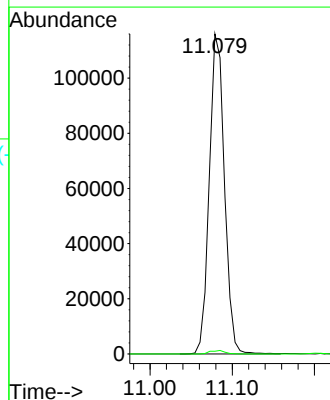
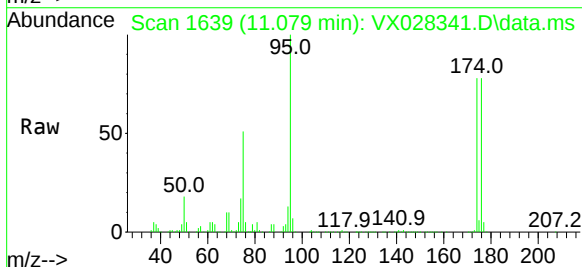
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0426MBL01

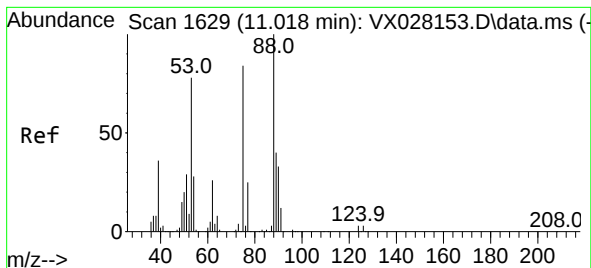
Tgt Ion:152 Resp: 304321
 Ion Ratio Lower Upper
 152 100
 115 58.2 37.5 112.7
 150 157.8 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 24.789 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX028341.D
 Acq: 26 Apr 2022 11:46

Tgt Ion: 75 Resp: 148470
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.4 58.2#

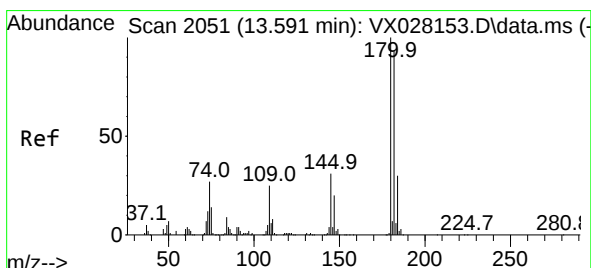
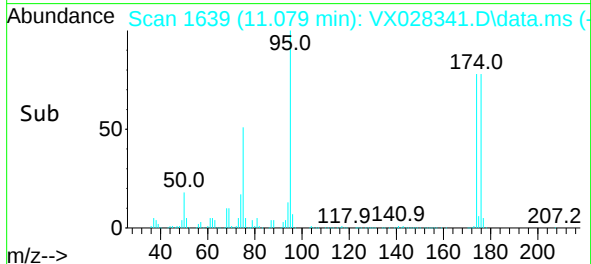
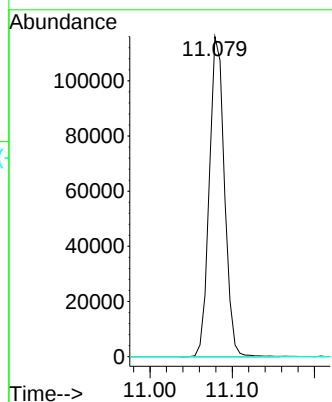
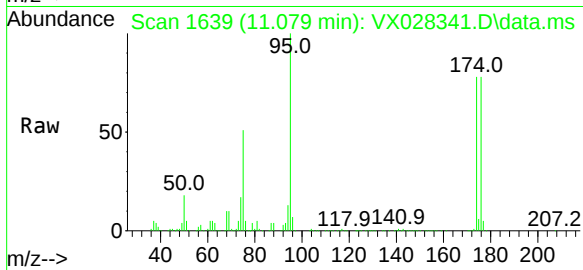




#81
trans-1,4-Dichloro-2-butene
Concen: 73.668 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028341.D
Acq: 26 Apr 2022 11:46

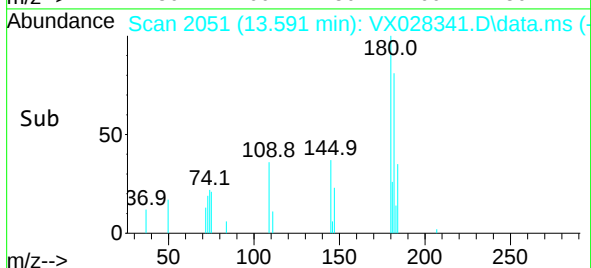
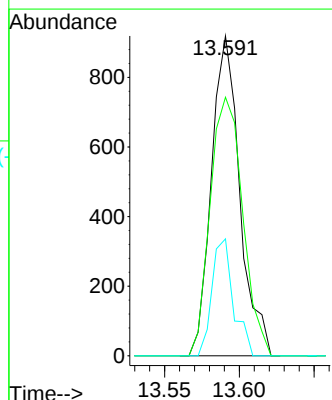
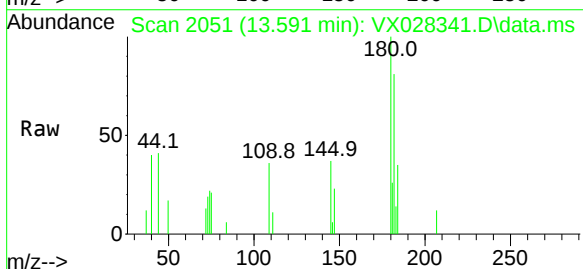
Instrument :
MSVOA_X
ClientSampleId :
VX0426MBL01

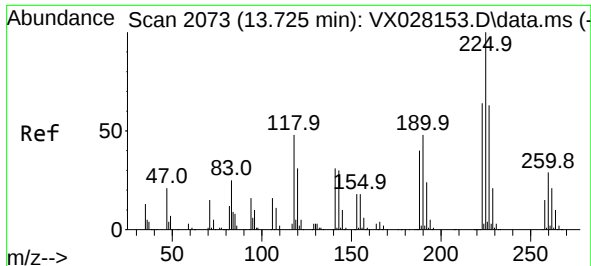
Tgt Ion: 75 Resp: 148470
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#93
1,2,4-Trichlorobenzene
Concen: 0.200 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX028341.D
Acq: 26 Apr 2022 11:46

Tgt Ion:180 Resp: 1210
Ion Ratio Lower Upper
180 100
182 92.7 47.7 143.1
145 27.7 15.2 45.5





#94
 Hexachlorobutadiene
 Concen: 0.553 ug/l
 RT: 13.725 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VX028341.D
 Acq: 26 Apr 2022 11:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0426MBL01

Tgt Ion	Ratio	Lower	Upper
225	100		
223	72.6	34.2	102.5
227	70.4	33.9	101.7

