

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042522\
 Data File : VX028317.D
 Acq On : 25 Apr 2022 11:21
 Operator : JC/MD
 Sample : VX0425MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0425MBL01

Quant Time: Apr 26 08:09:12 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)

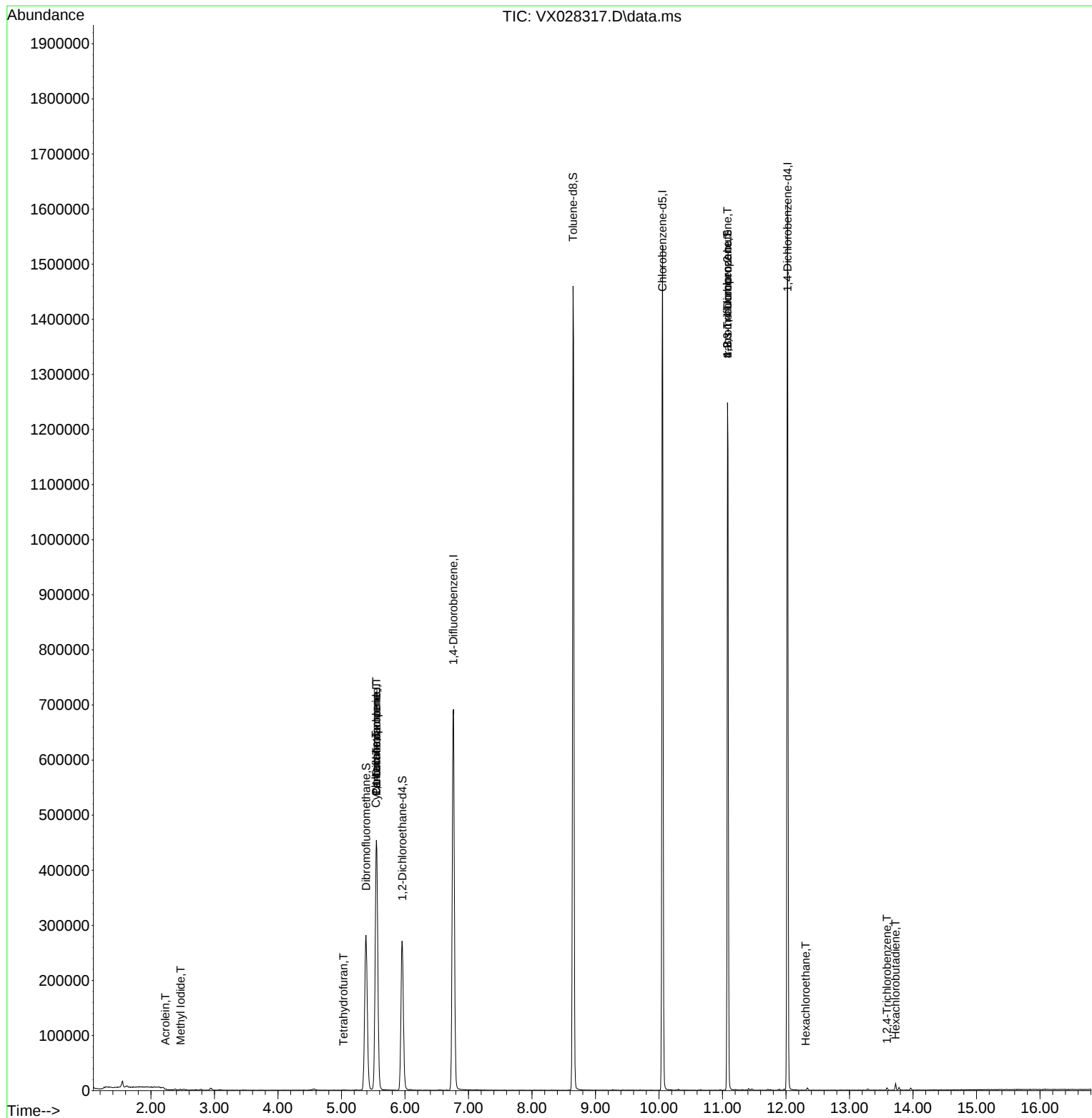
Internal Standards						
1) Pentafluorobenzene	5.550	168	460413	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	763736	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	717851	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	337879	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	257953	42.969	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	85.940%		
35) Dibromofluoromethane	5.385	113	244973	45.738	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	91.480%		
50) Toluene-d8	8.647	98	893909	43.454	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	86.900%		
62) 4-Bromofluorobenzene	11.079	95	323883	41.177	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	82.360%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	710	Below Cal		94
5) Bromomethane	1.618	94	1481	Below Cal		98
6) Chloroethane	1.679	64	354	Below Cal	#	43
10) Methyl Iodide	2.465	142	1523	5.502	ug/l	94
11) Tert butyl alcohol	2.941	59	1775	Below Cal	#	72
13) Acrolein	2.227	56	166	0.226	ug/l	# 2
16) Acetone	2.380	43	1892	Below Cal	#	82
29) Tetrahydrofuran	5.032	42	516	0.223	ug/l	# 36
31) Cyclohexane	5.544	56	8388	1.147	ug/l	# 8
36) 1,1-Dichloropropene	5.550	75	32046	4.587	ug/l	# 50
38) Carbon Tetrachloride	5.550	117	44349	5.623	ug/l	# 16
76) 1,2,3-Trichloropropane	11.079	75	161592	24.301	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	161592	72.215	ug/l	# 15
90) Hexachloroethane	12.311	117	47	1.826	ug/l	# 10
93) 1,2,4-Trichlorobenzene	13.591	180	1358	0.202	ug/l	97
94) Hexachlorobutadiene	13.725	225	1557	0.520	ug/l	93

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

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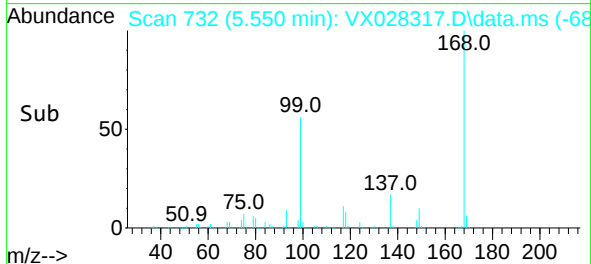
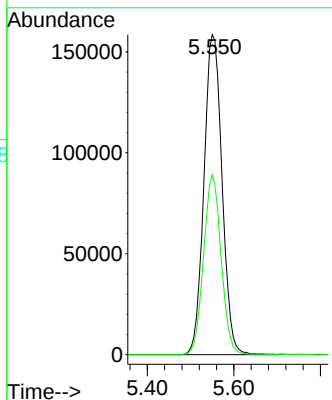
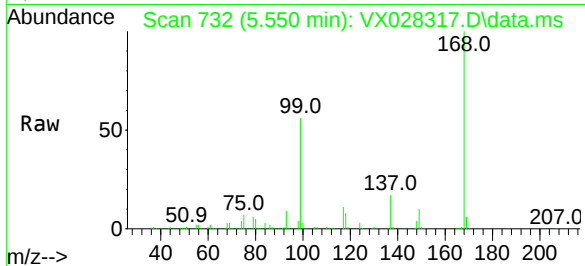




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX028317.D
Acq: 25 Apr 2022 11:21

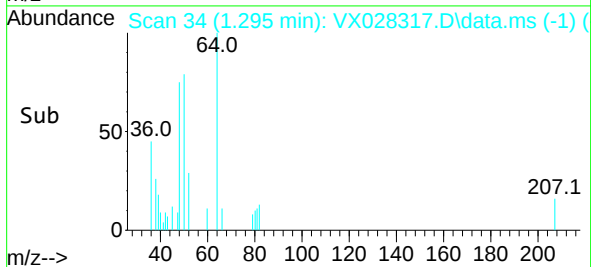
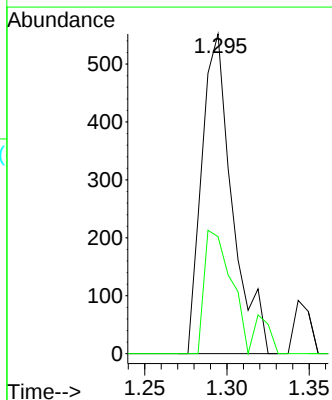
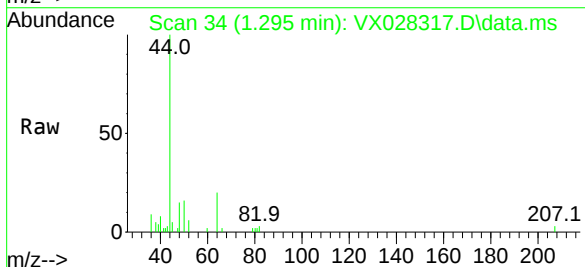
Instrument :
MSVOA_X
ClientSampleId :
VX0425MBL01

Tgt Ion:168 Resp: 460413
Ion Ratio Lower Upper
168 100
99 56.2 41.7 62.5



#3
Chloromethane
Concen: Below Cal
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX028317.D
Acq: 25 Apr 2022 11:21

Tgt Ion: 50 Resp: 710
Ion Ratio Lower Upper
50 100
52 36.6 26.4 39.6

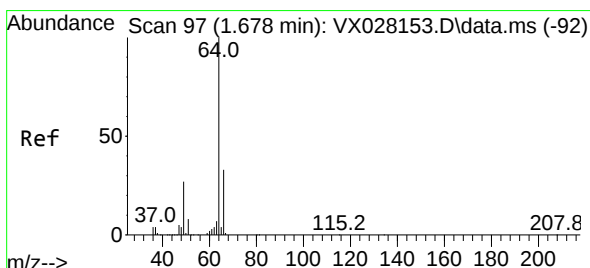
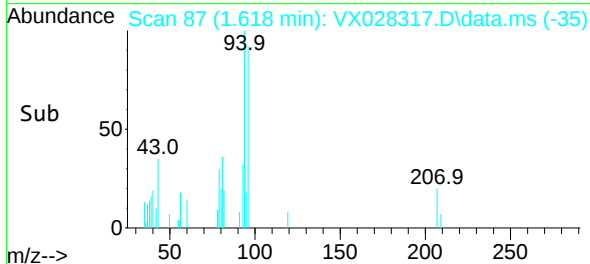
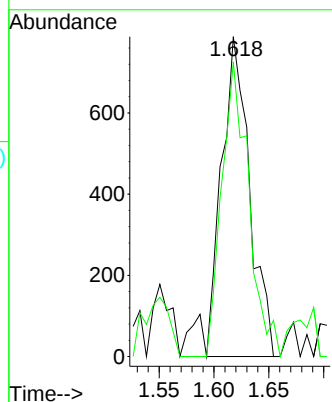
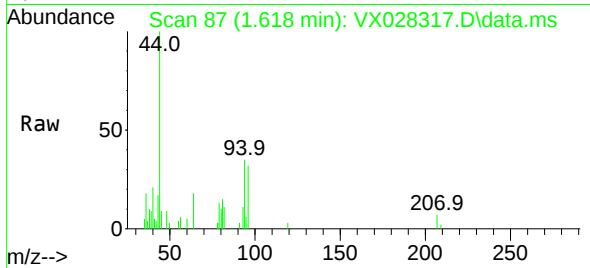




#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 81
Delta R.T. 0.019 min
Lab File: VX028317.D
Acq: 25 Apr 2022 11:21

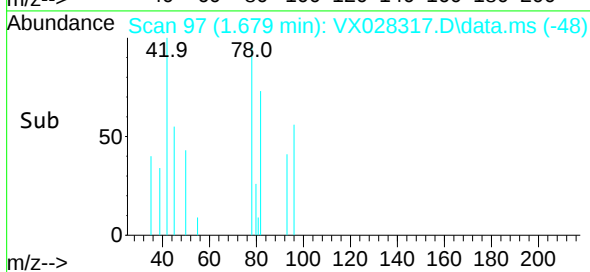
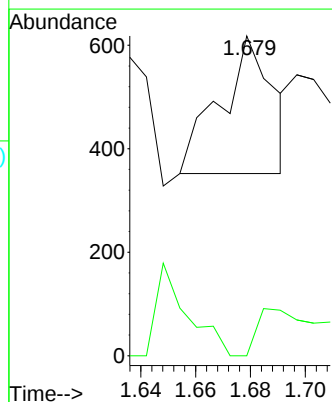
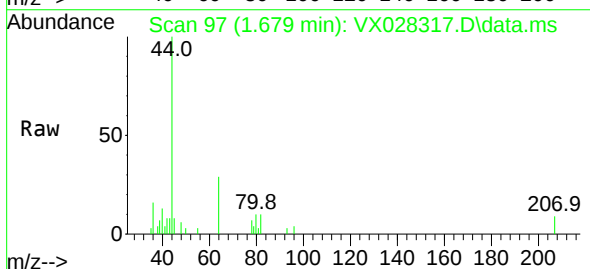
Instrument :
MSVOA_X
ClientSampleId :
VX0425MBL01

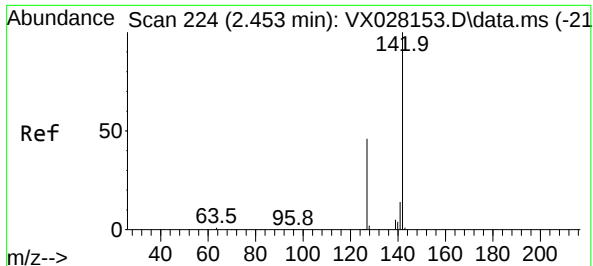
Tgt Ion: 94 Resp: 1481
Ion Ratio Lower Upper
94 100
96 92.1 75.3 112.9



#6
Chloroethane
Concen: Below Cal
RT: 1.679 min Scan# 97
Delta R.T. 0.001 min
Lab File: VX028317.D
Acq: 25 Apr 2022 11:21

Tgt Ion: 64 Resp: 354
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9

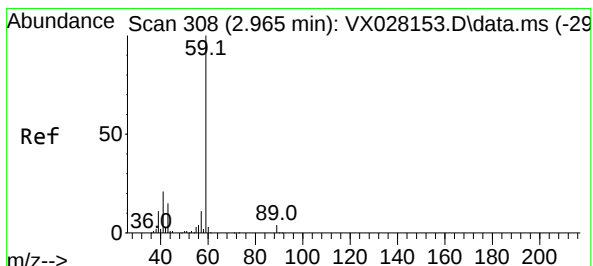
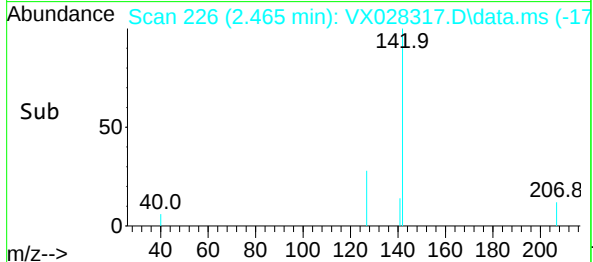
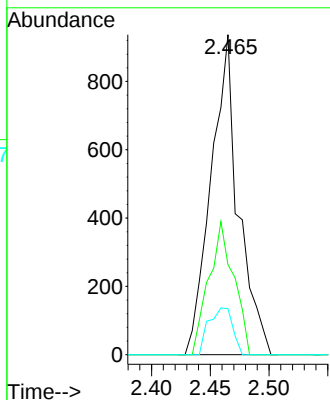
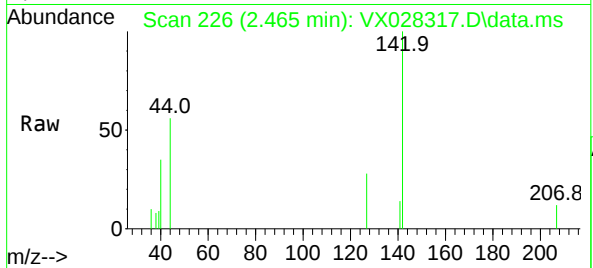




#10
Methyl Iodide
Concen: 5.502 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX028317.D
Acq: 25 Apr 2022 11:21

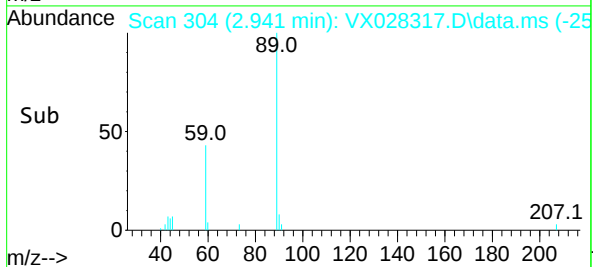
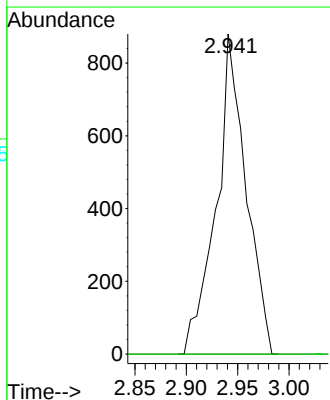
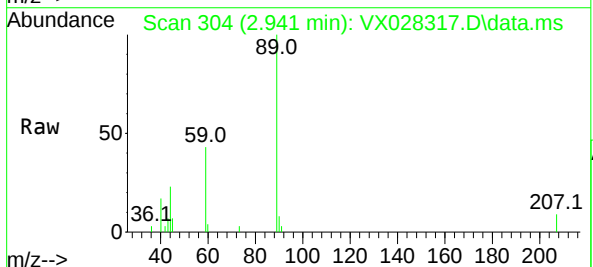
Instrument :
MSVOA_X
ClientSampleId :
VX0425MBL01

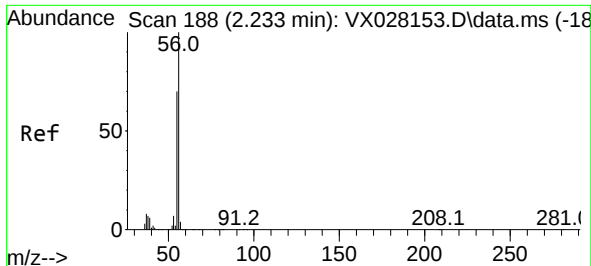
Tgt Ion:142 Resp: 1523
Ion Ratio Lower Upper
142 100
127 37.9 33.9 50.9
141 12.7 11.4 17.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.941 min Scan# 304
Delta R.T. -0.024 min
Lab File: VX028317.D
Acq: 25 Apr 2022 11:21

Tgt Ion: 59 Resp: 1775
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

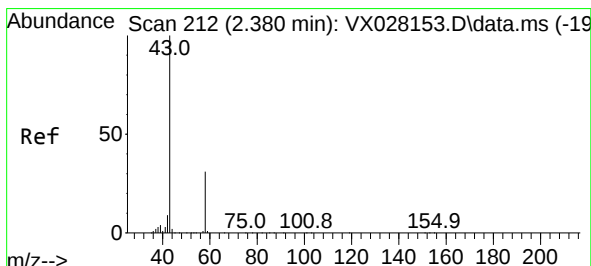
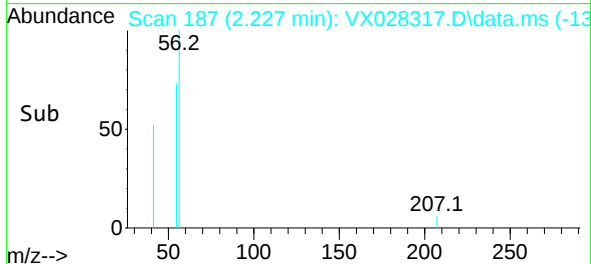
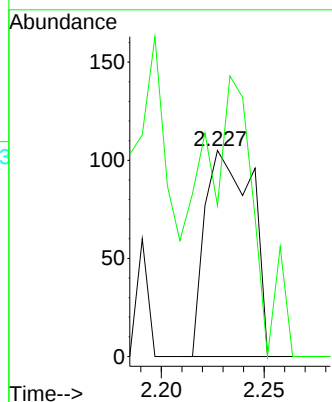
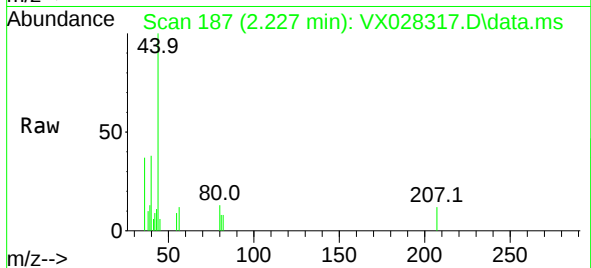




#13
Acrolein
Concen: 0.226 ug/l
RT: 2.227 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX028317.D
Acq: 25 Apr 2022 11:21

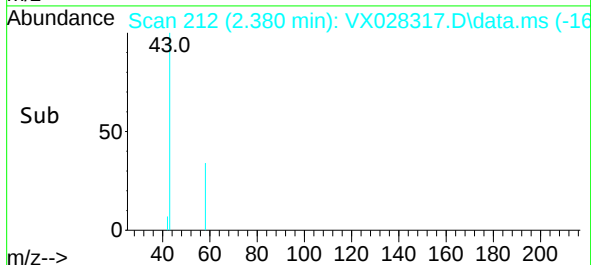
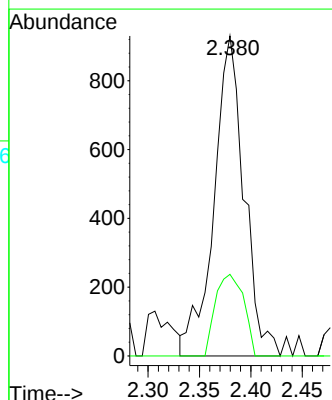
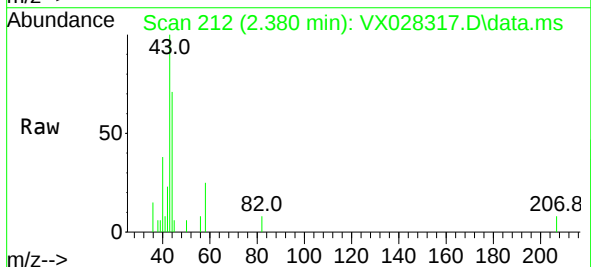
Instrument :
MSVOA_X
ClientSampleId :
VX0425MBL01

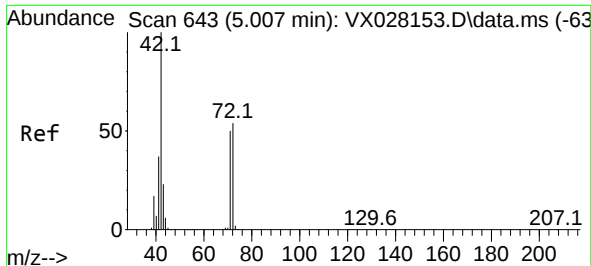
Tgt Ion: 56 Resp: 166
Ion Ratio Lower Upper
56 100
55 148.8 55.0 82.6#



#16
Acetone
Concen: Below Cal
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX028317.D
Acq: 25 Apr 2022 11:21

Tgt Ion: 43 Resp: 1892
Ion Ratio Lower Upper
43 100
58 25.5 28.8 43.2#





#29

Tetrahydrofuran

Concen: 0.223 ug/l

RT: 5.032 min Scan# 643

Delta R.T. 0.025 min

Lab File: VX028317.D

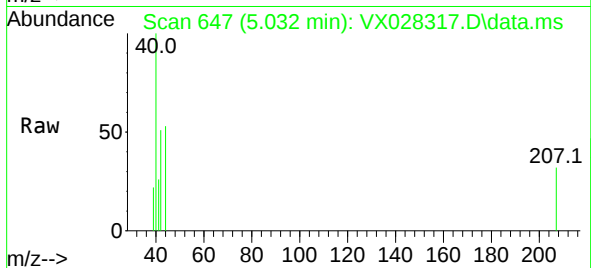
Acq: 25 Apr 2022 11:21

Instrument :

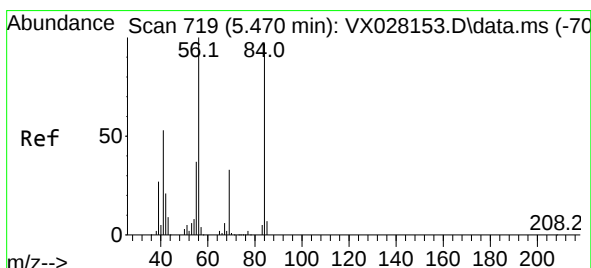
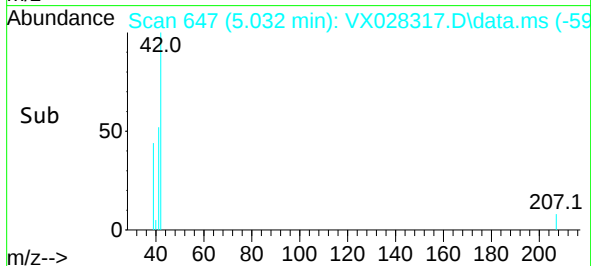
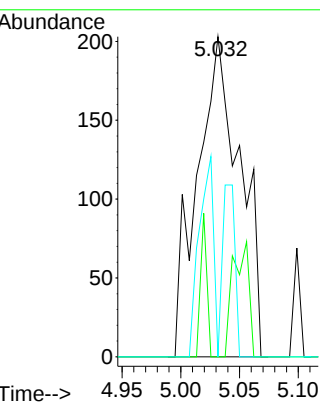
MSVOA_X

ClientSampleId :

VX0425MBL01



Tgt Ion:	42	Resp:	516
Ion Ratio	Lower	Upper	
42	100		
72	0.0	44.1	66.1#
71	15.5	40.5	60.7#



#31

Cyclohexane

Concen: 1.147 ug/l

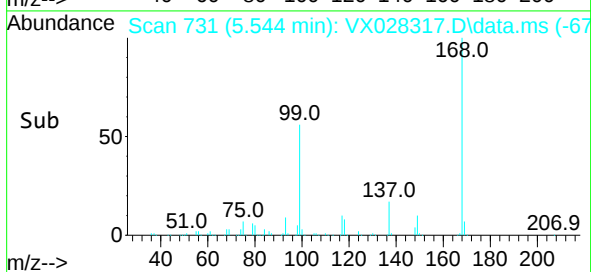
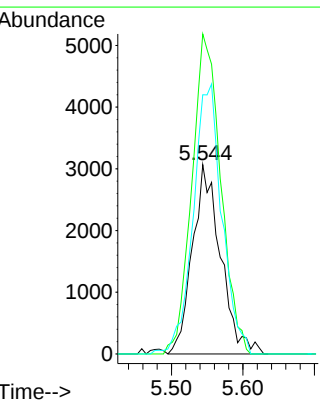
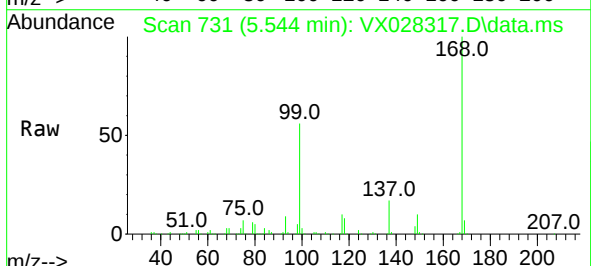
RT: 5.544 min Scan# 731

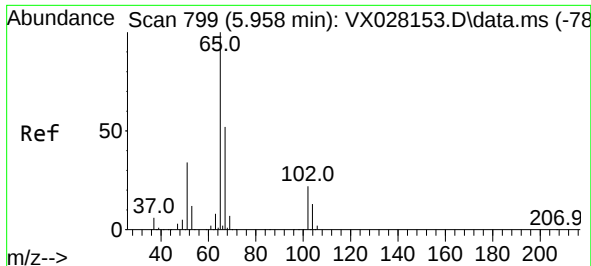
Delta R.T. 0.074 min

Lab File: VX028317.D

Acq: 25 Apr 2022 11:21

Tgt Ion:	56	Resp:	8388
Ion Ratio	Lower	Upper	
56	100		
69	169.0	26.7	40.1#
84	136.9	77.2	115.8#

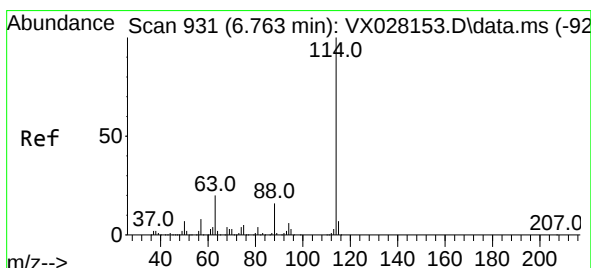
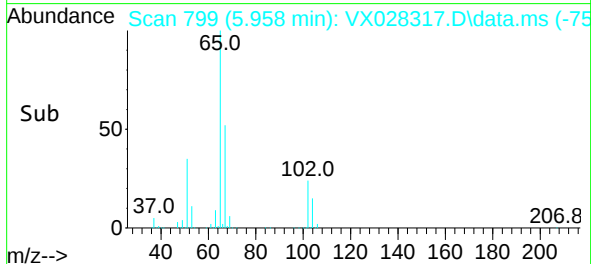
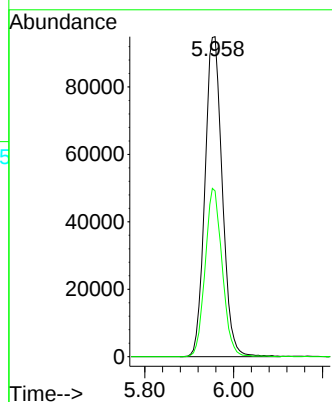
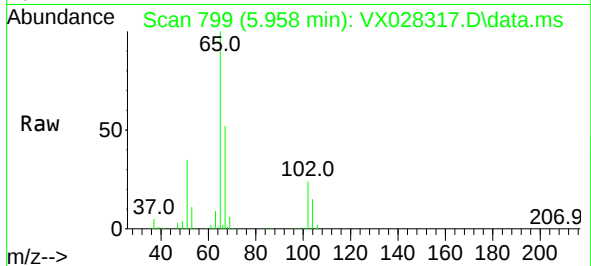




#33
 1,2-Dichloroethane-d4
 Concen: 42.969 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX028317.D
 Acq: 25 Apr 2022 11:21

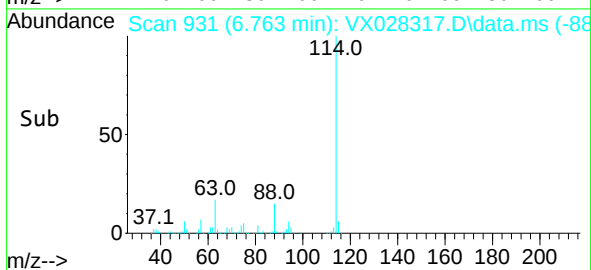
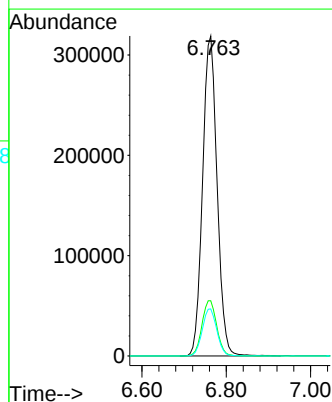
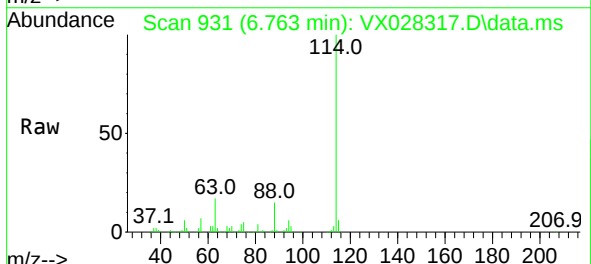
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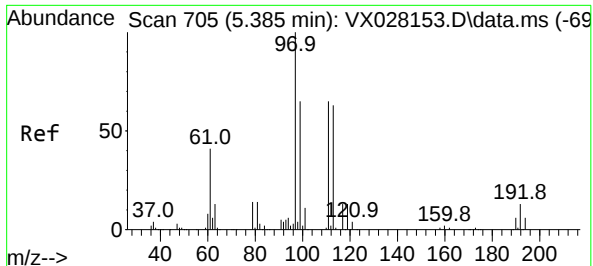
Tgt Ion: 65 Resp: 257953
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX028317.D
 Acq: 25 Apr 2022 11:21

Tgt Ion: 114 Resp: 763736
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 36.8
 88 14.7 0.0 32.4

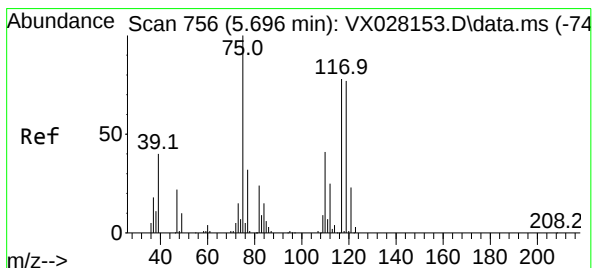
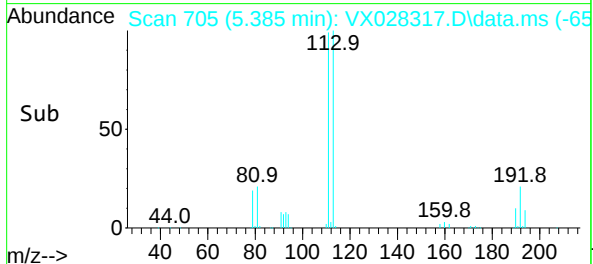
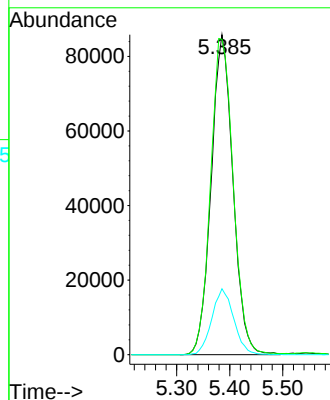
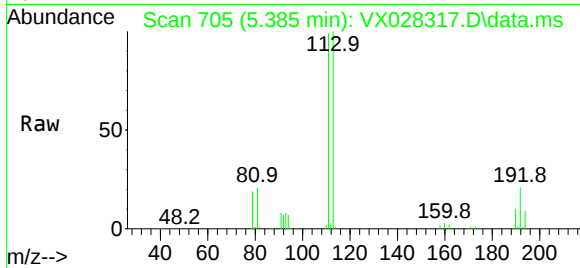




#35
Dibromofluoromethane
Concen: 45.738 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX028317.D
Acq: 25 Apr 2022 11:21

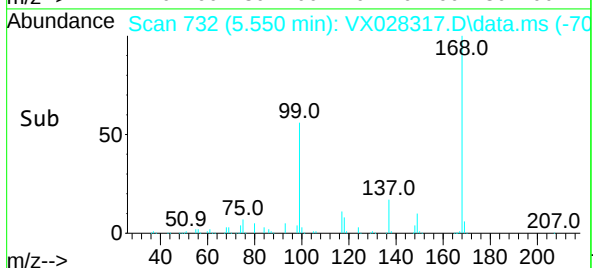
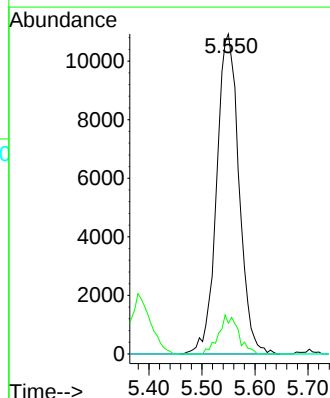
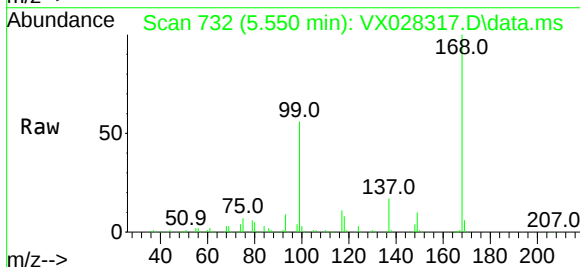
Instrument :
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VX0425MBL01

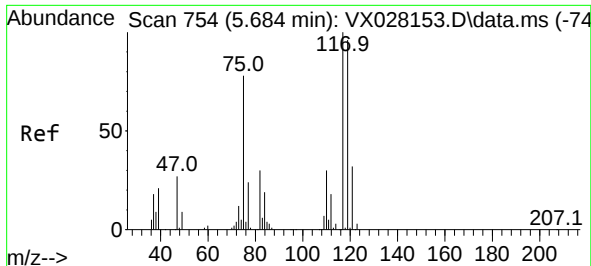
Tgt Ion:113 Resp: 244973
Ion Ratio Lower Upper
113 100
111 102.8 82.8 124.2
192 20.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.587 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX028317.D
Acq: 25 Apr 2022 11:21

Tgt Ion: 75 Resp: 32046
Ion Ratio Lower Upper
75 100
110 10.6 18.3 54.8#
77 0.0 24.8 37.2#

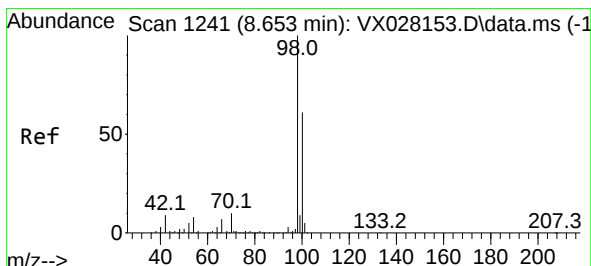
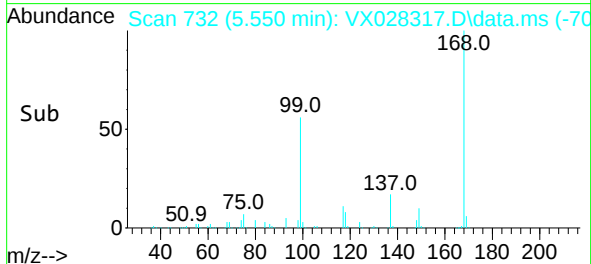
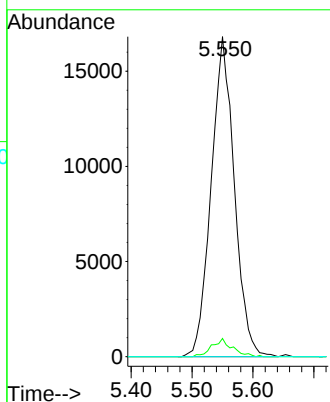
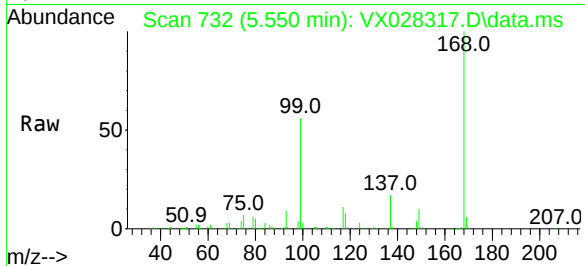




#38
Carbon Tetrachloride
Concen: 5.623 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX028317.D
Acq: 25 Apr 2022 11:21

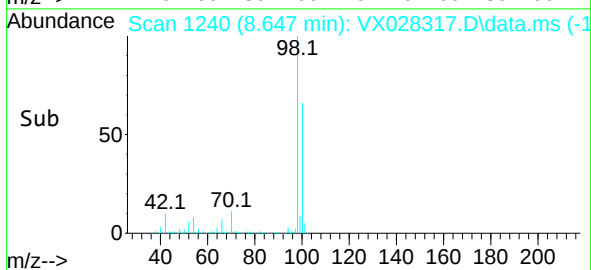
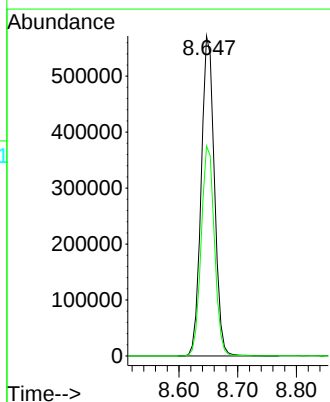
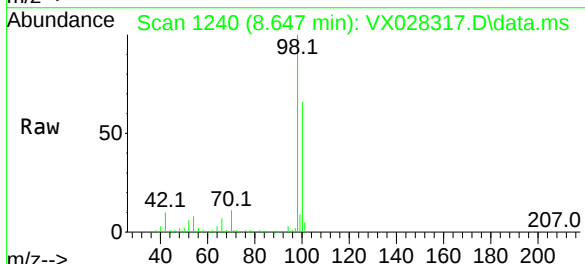
Instrument :
MSVOA_X
ClientSampleId :
VX0425MBL01

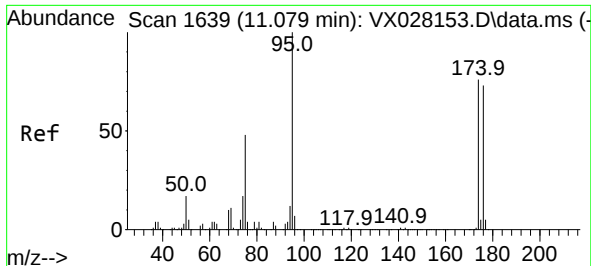
Tgt Ion:117 Resp: 44349
Ion Ratio Lower Upper
117 100
119 5.7 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 43.454 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX028317.D
Acq: 25 Apr 2022 11:21

Tgt Ion: 98 Resp: 893909
Ion Ratio Lower Upper
98 100
100 65.8 52.6 78.8

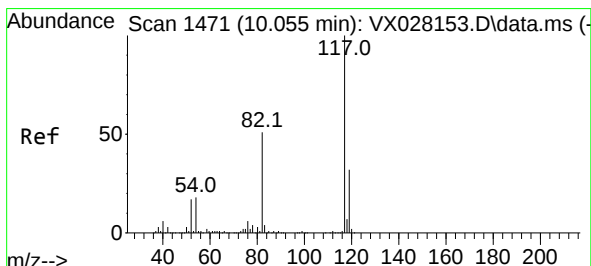
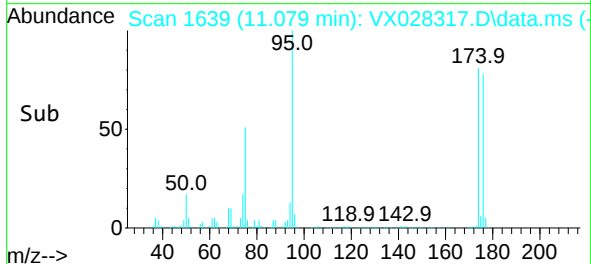
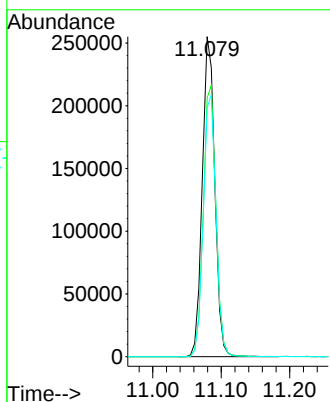
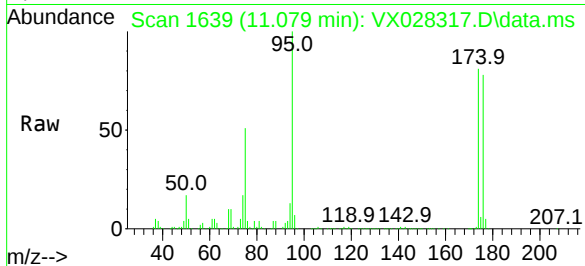




#62
4-Bromofluorobenzene
Concen: 41.177 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028317.D
Acq: 25 Apr 2022 11:21

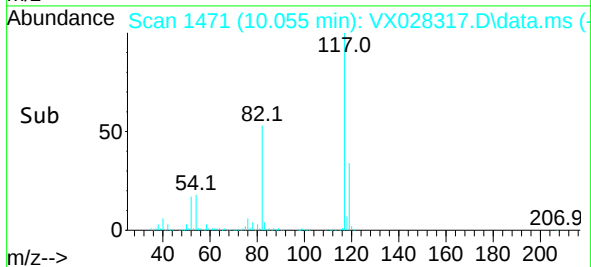
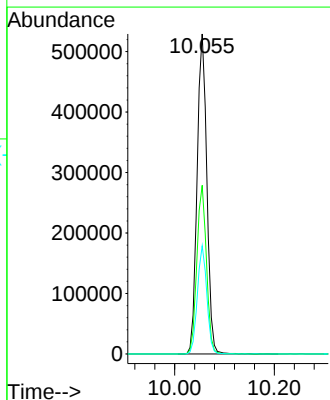
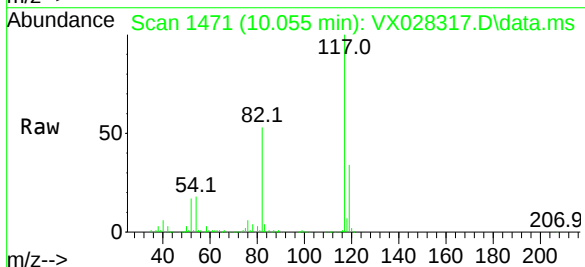
Instrument :
MSVOA_X
ClientSampleId :
VX0425MBL01

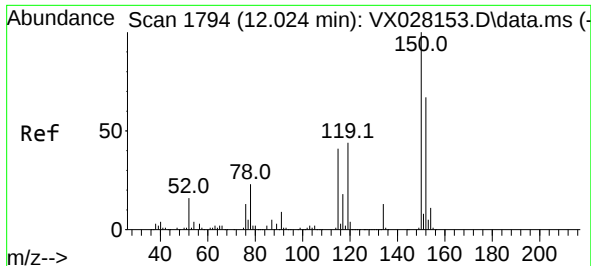
Tgt Ion: 95 Resp: 323883
Ion Ratio Lower Upper
95 100
174 86.2 0.0 163.0
176 83.2 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028317.D
Acq: 25 Apr 2022 11:21

Tgt Ion: 117 Resp: 717851
Ion Ratio Lower Upper
117 100
82 52.7 41.8 62.8
119 33.8 24.8 37.2

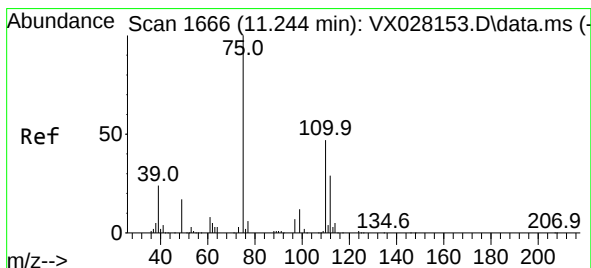
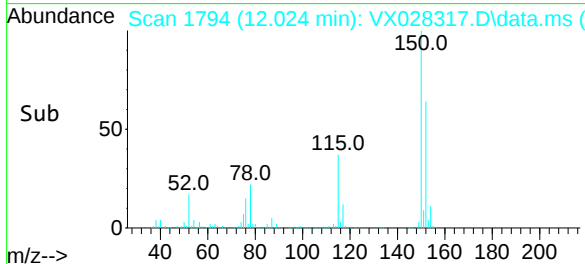
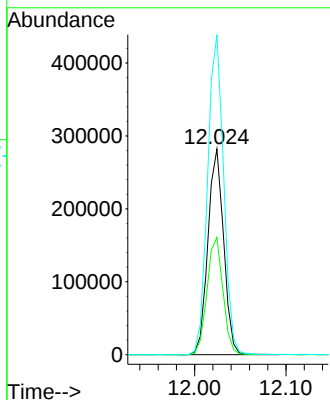
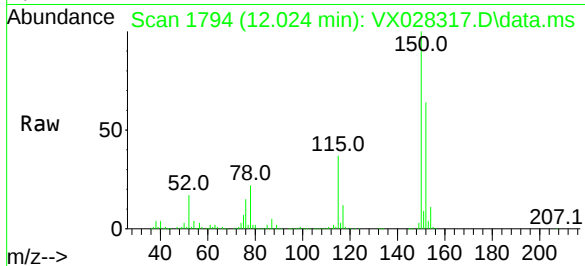




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX028317.D
 Acq: 25 Apr 2022 11:21

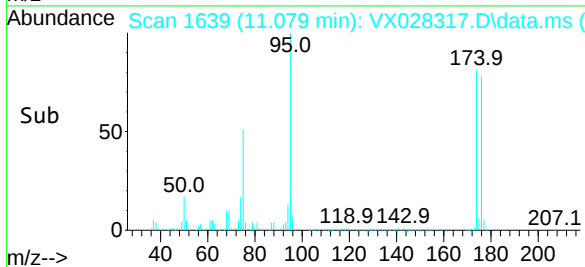
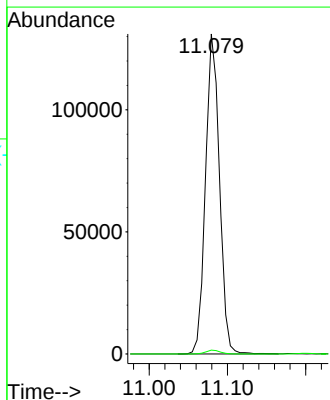
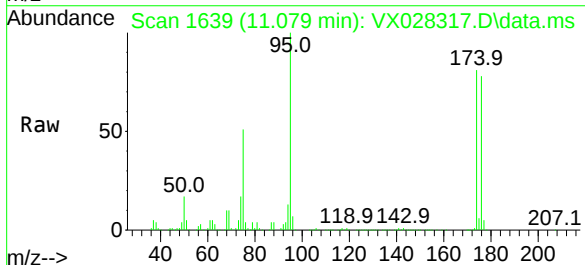
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0425MBL01

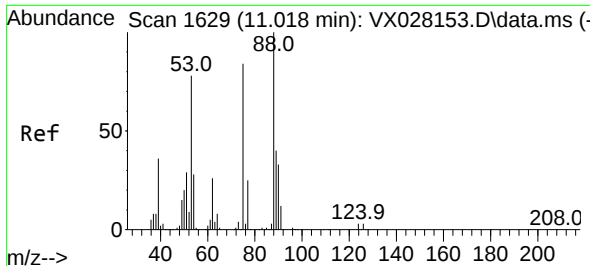
Tgt Ion:152 Resp: 337879
 Ion Ratio Lower Upper
 152 100
 115 57.7 37.5 112.7
 150 157.8 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 24.301 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX028317.D
 Acq: 25 Apr 2022 11:21

Tgt Ion: 75 Resp: 161592
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.4 58.2#

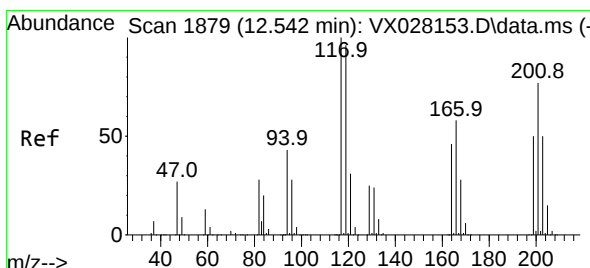
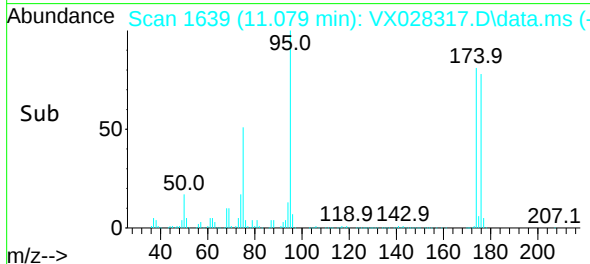
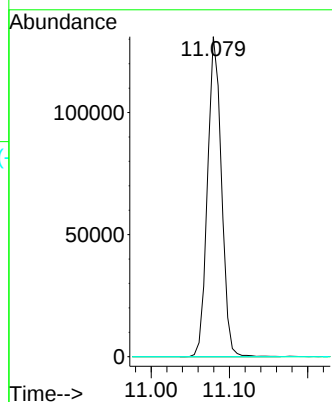
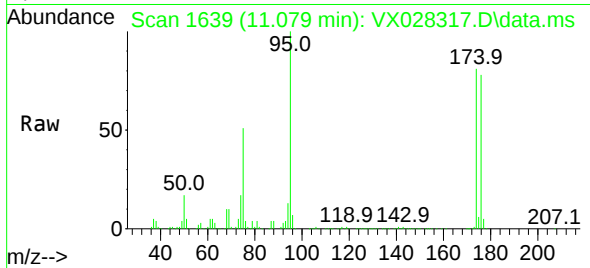




#81
trans-1,4-Dichloro-2-butene
Concen: 72.215 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028317.D
Acq: 25 Apr 2022 11:21

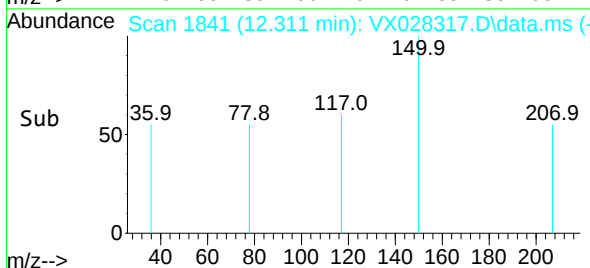
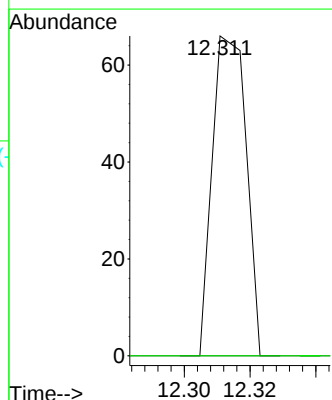
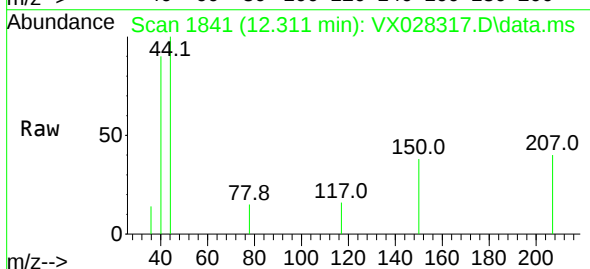
Instrument :
MSVOA_X
ClientSampleId :
VX0425MBL01

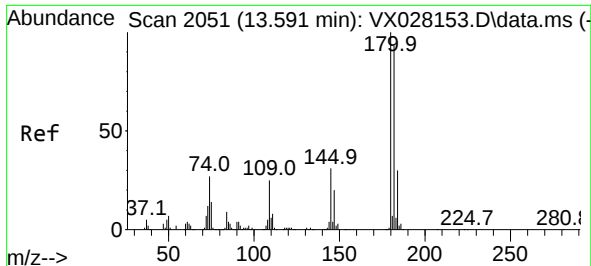
Tgt Ion: 75 Resp: 161592
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#90
Hexachloroethane
Concen: 1.826 ug/l
RT: 12.311 min Scan# 1841
Delta R.T. -0.231 min
Lab File: VX028317.D
Acq: 25 Apr 2022 11:21

Tgt Ion: 117 Resp: 47
Ion Ratio Lower Upper
117 100
201 0.0 39.5 118.5#

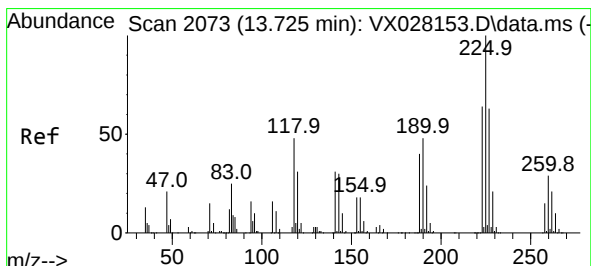
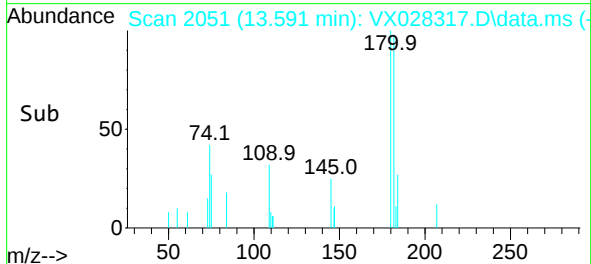
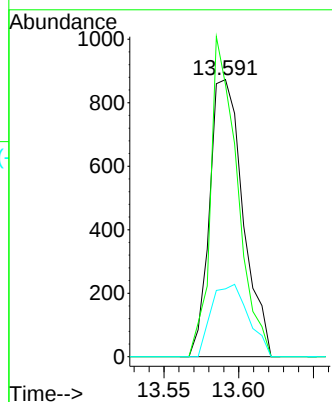
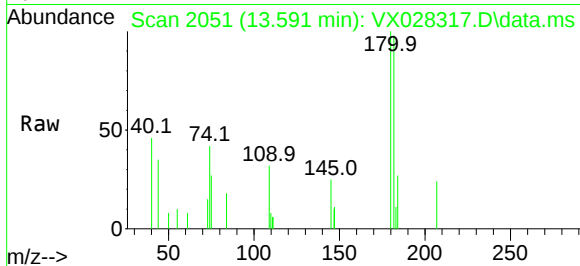




#93
 1,2,4-Trichlorobenzene
 Concen: 0.202 ug/l
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.000 min
 Lab File: VX028317.D
 Acq: 25 Apr 2022 11:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0425MBL01

Tgt Ion:180 Resp: 1358
 Ion Ratio Lower Upper
 180 100
 182 92.1 47.7 143.1
 145 28.9 15.2 45.5



#94
 Hexachlorobutadiene
 Concen: 0.520 ug/l
 RT: 13.725 min Scan# 2073
 Delta R.T. 0.000 min
 Lab File: VX028317.D
 Acq: 25 Apr 2022 11:21

Tgt Ion:225 Resp: 1557
 Ion Ratio Lower Upper
 225 100
 223 58.7 34.2 102.5
 227 69.2 33.9 101.7

