

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042122\
 Data File : VX028232.D
 Acq On : 21 Apr 2022 11:37
 Operator : JC/MD
 Sample : VX0421MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0421MBL01

Quant Time: Apr 21 16:40:25 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)

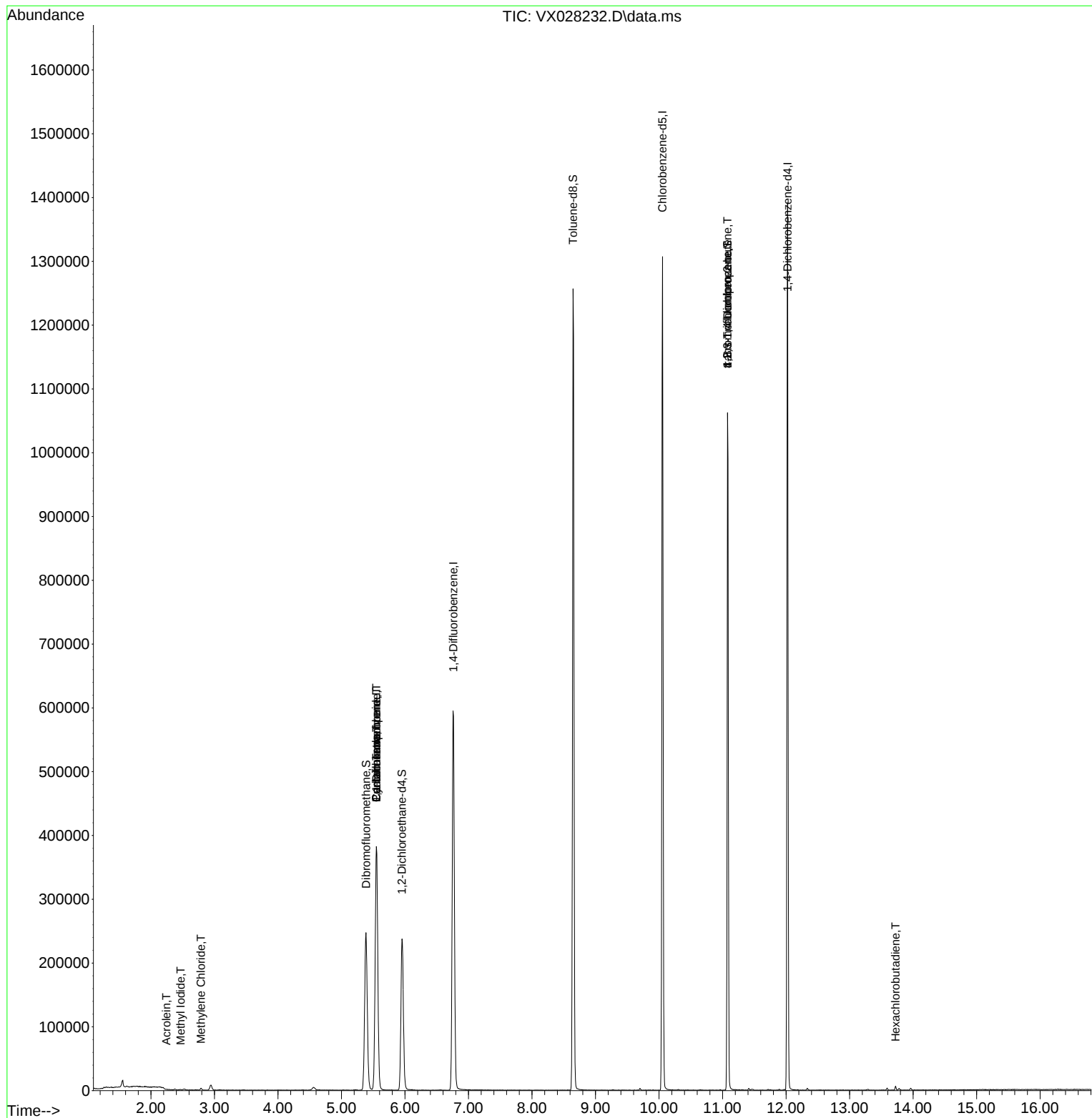
Internal Standards						
1) Pentafluorobenzene	5.550	168	376898	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	646309	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	616420	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	285557	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	228490	46.495	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	92.980%
35) Dibromofluoromethane	5.385	113	212602	46.906	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.820%
50) Toluene-d8	8.647	98	767090	44.064	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	88.120%
62) 4-Bromofluorobenzene	11.079	95	277478	41.687	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	83.380%
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	300	Below Cal	#	81
5) Bromomethane	1.612	94	950	Below Cal		93
6) Chloroethane	1.685	64	212	Below Cal	#	57
8) Diethyl Ether	2.014	74	24	Below Cal	#	1
10) Methyl Iodide	2.465	142	846	5.416	ug/l #	88
11) Tert butyl alcohol	2.947	59	4567	Below Cal	#	76
13) Acrolein	2.239	56	174	0.289	ug/l #	58
16) Acetone	2.374	43	1596	Below Cal		98
20) Methylene Chloride	2.788	84	1235	0.339	ug/l #	89
31) Cyclohexane	5.550	56	7242	1.210	ug/l #	3
36) 1,1-Dichloropropene	5.550	75	27289	4.616	ug/l #	50
38) Carbon Tetrachloride	5.550	117	37557	5.627	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	141004	25.090	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	141004	74.561	ug/l #	15
94) Hexachlorobutadiene	13.725	225	888	0.351	ug/l	89

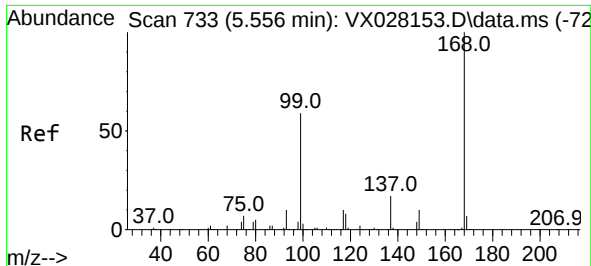
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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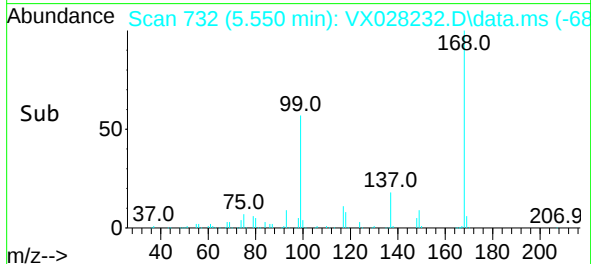
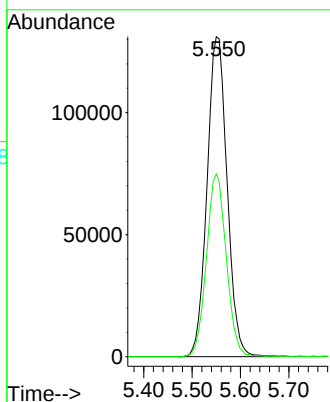
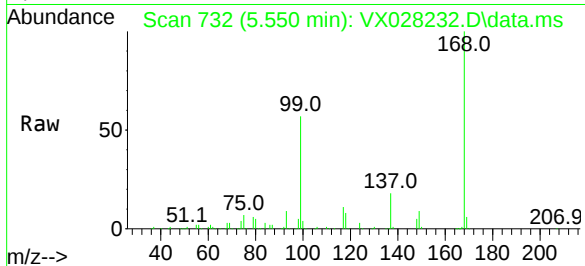




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX028232.D
Acq: 21 Apr 2022 11:37

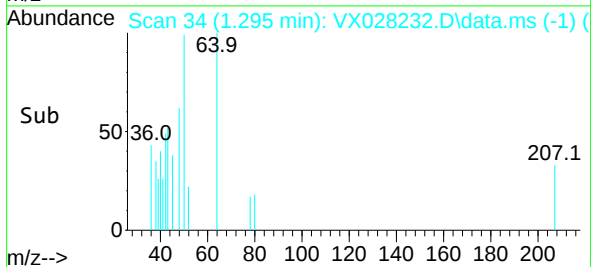
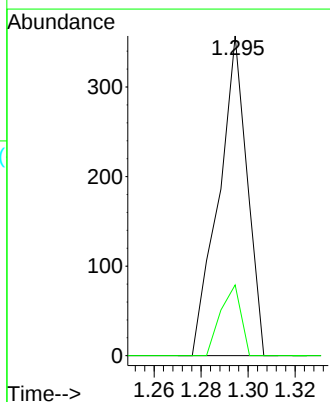
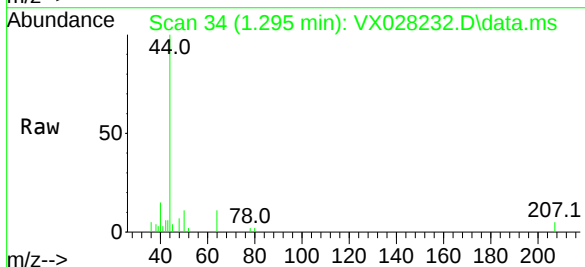
Instrument :
MSVOA_X
ClientSampleId :
VX0421MBL01

Tgt Ion:168 Resp: 376898
Ion Ratio Lower Upper
168 100
99 57.1 41.7 62.5



#3
Chloromethane
Concen: Below Cal
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX028232.D
Acq: 21 Apr 2022 11:37

Tgt Ion: 50 Resp: 300
Ion Ratio Lower Upper
50 100
52 22.1 26.4 39.6#

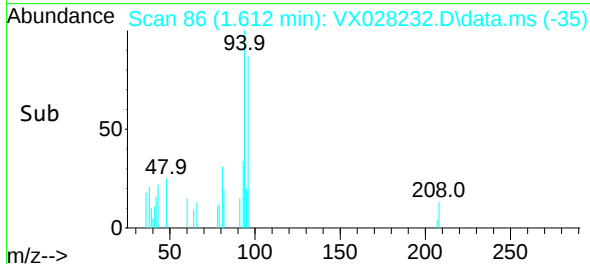
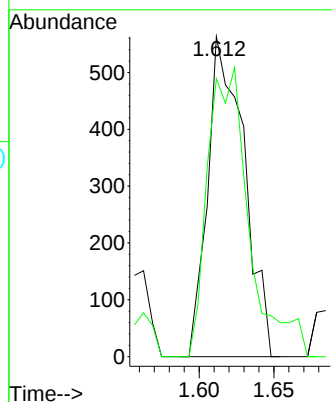
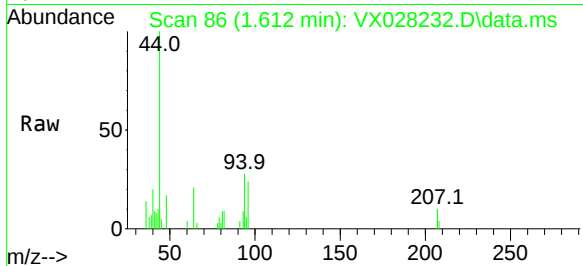




#5
Bromomethane
Concen: Below Cal
RT: 1.612 min Scan# 80
Delta R.T. 0.013 min
Lab File: VX028232.D
Acq: 21 Apr 2022 11:37

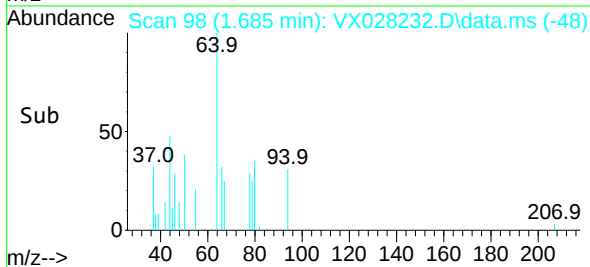
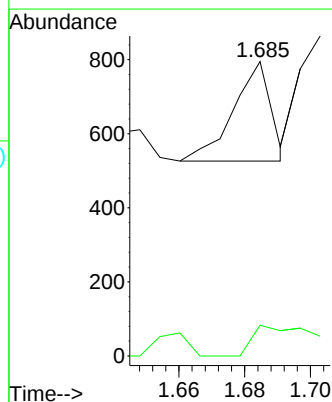
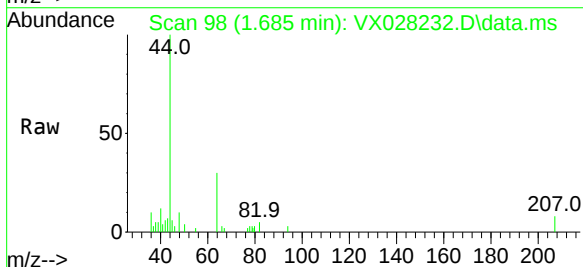
Instrument :
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ClientSampleId :
VX0421MBL01

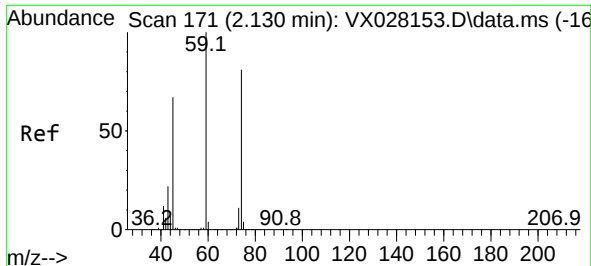
Tgt Ion: 94 Resp: 950
Ion Ratio Lower Upper
94 100
96 86.9 75.3 112.9



#6
Chloroethane
Concen: Below Cal
RT: 1.685 min Scan# 98
Delta R.T. 0.007 min
Lab File: VX028232.D
Acq: 21 Apr 2022 11:37

Tgt Ion: 64 Resp: 212
Ion Ratio Lower Upper
64 100
66 7.8 25.3 37.9#

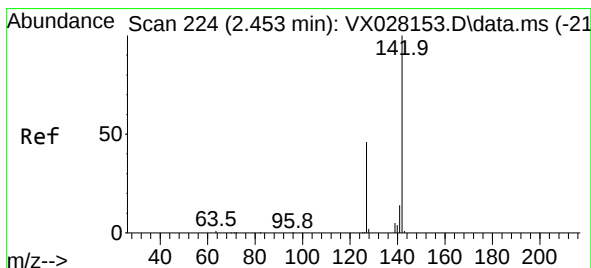
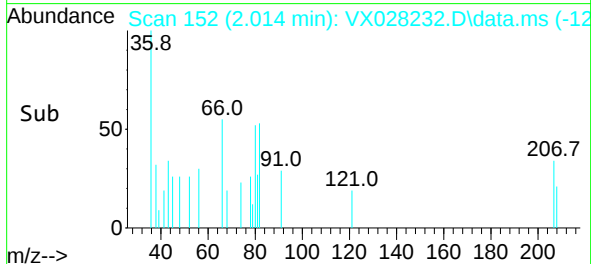
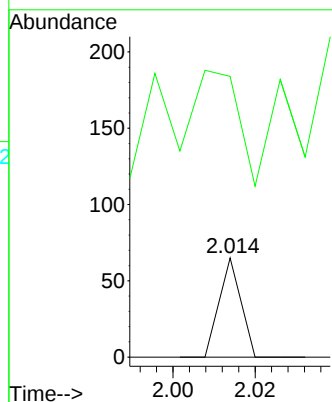
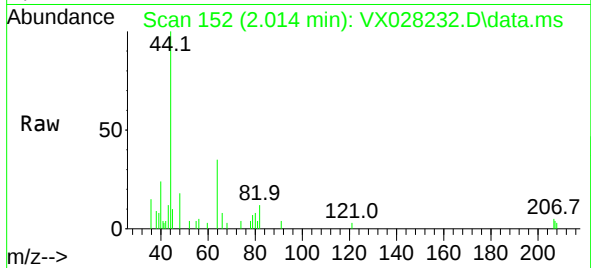




#8
Diethyl Ether
Concen: Below Cal
RT: 2.014 min Scan# 11
Delta R.T. -0.116 min
Lab File: VX028232.D
Acq: 21 Apr 2022 11:37

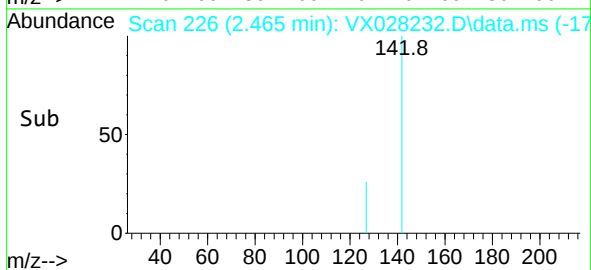
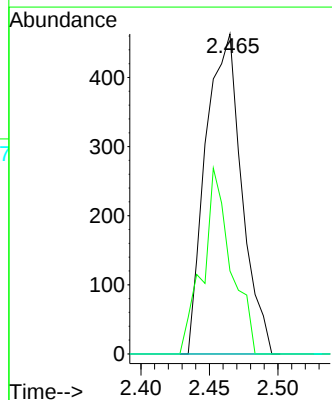
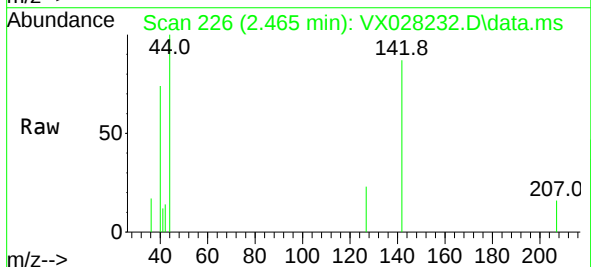
Instrument :
MSVOA_X
ClientSampleId :
VX0421MBL01

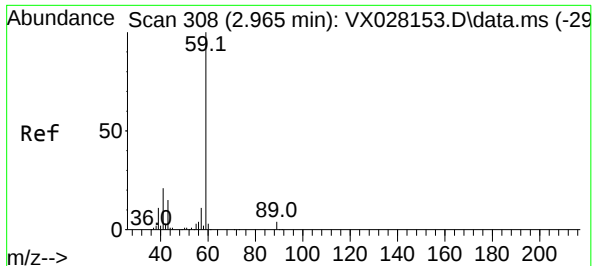
Tgt Ion: 74 Resp: 24
Ion Ratio Lower Upper
74 100
45 720.8 42.0 126.0#



#10
Methyl Iodide
Concen: 5.416 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX028232.D
Acq: 21 Apr 2022 11:37

Tgt Ion: 142 Resp: 846
Ion Ratio Lower Upper
142 100
127 45.5 33.9 50.9
141 0.0 11.4 17.2#

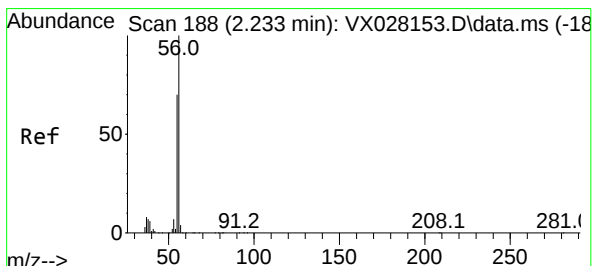
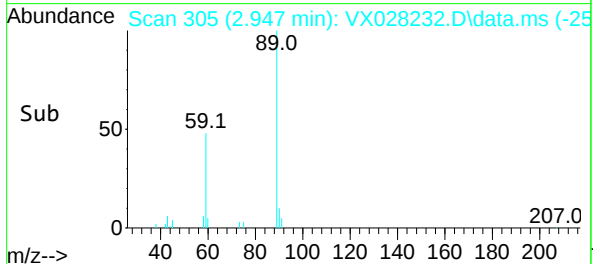
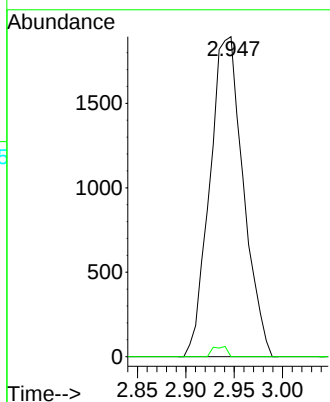
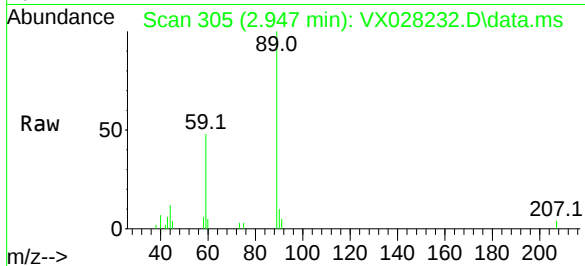




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX028232.D
Acq: 21 Apr 2022 11:37

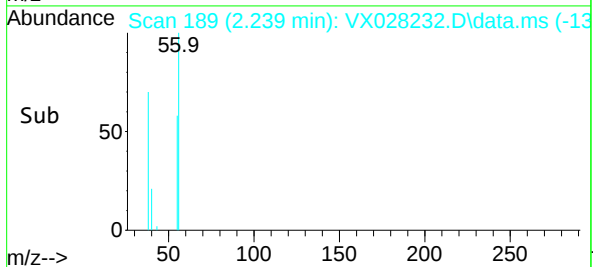
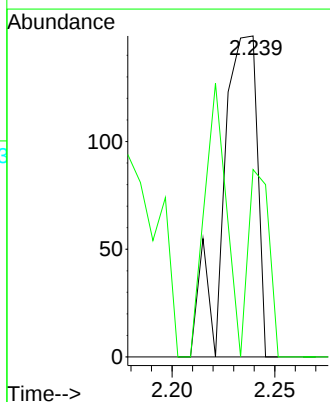
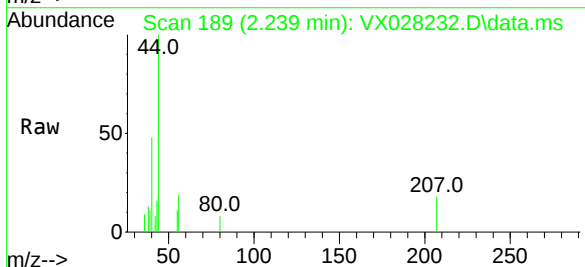
Instrument :
MSVOA_X
ClientSampleId :
VX0421MBL01

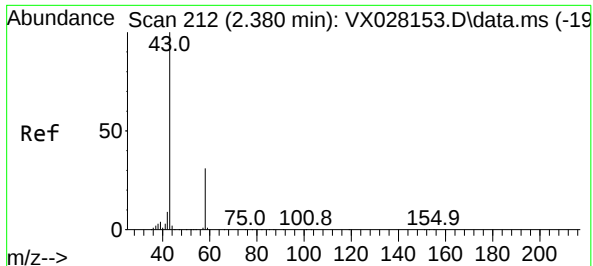
Tgt Ion: 59 Resp: 4567
Ion Ratio Lower Upper
59 100
57 1.3 8.3 12.5#



#13
Acrolein
Concen: 0.289 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX028232.D
Acq: 21 Apr 2022 11:37

Tgt Ion: 56 Resp: 174
Ion Ratio Lower Upper
56 100
55 35.1 55.0 82.6#

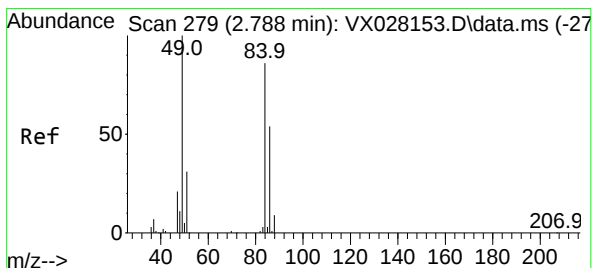
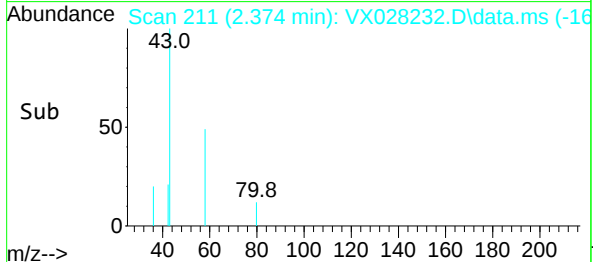
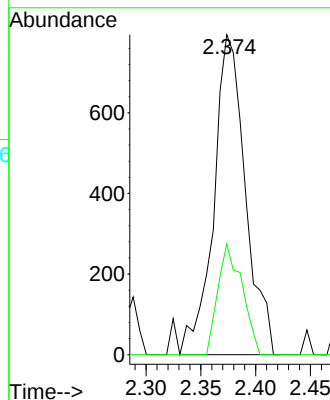
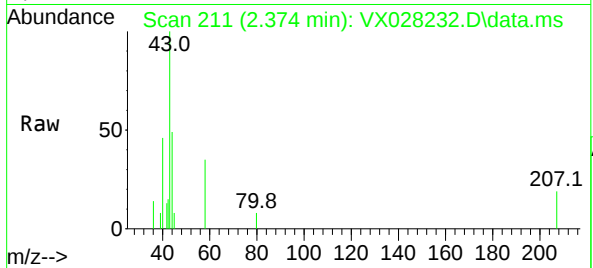




#16
Acetone
Concen: Below Cal
RT: 2.374 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX028232.D
Acq: 21 Apr 2022 11:37

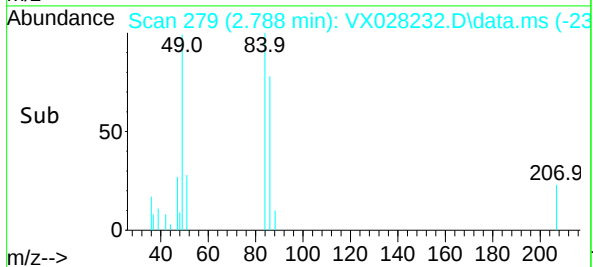
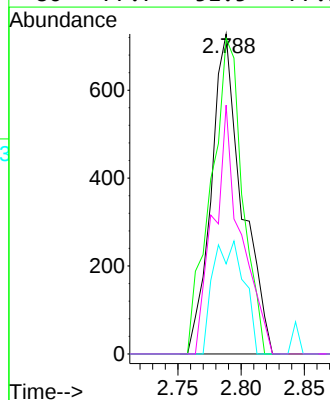
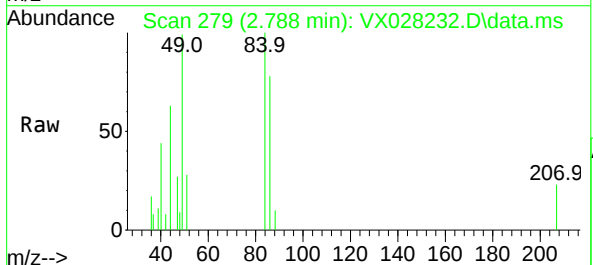
Instrument :
MSVOA_X
ClientSampleId :
VX0421MBL01

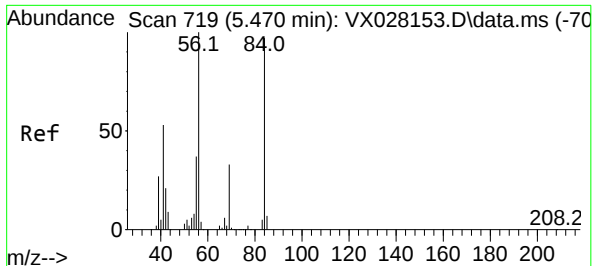
Tgt Ion: 43 Resp: 1596
Ion Ratio Lower Upper
43 100
58 34.6 28.8 43.2



#20
Methylene Chloride
Concen: 0.339 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX028232.D
Acq: 21 Apr 2022 11:37

Tgt Ion: 84 Resp: 1235
Ion Ratio Lower Upper
84 100
49 98.6 85.5 128.3
51 28.2 26.6 39.8
86 77.7 51.5 77.3#

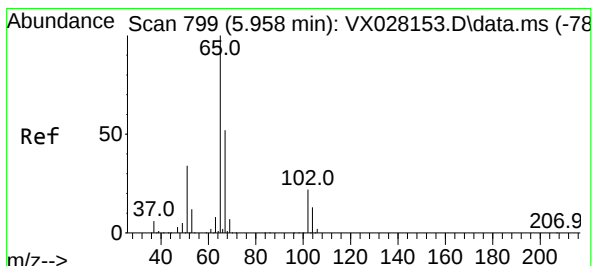
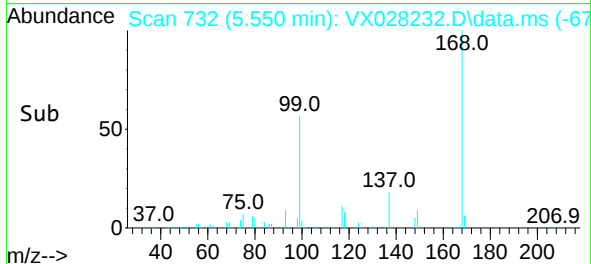
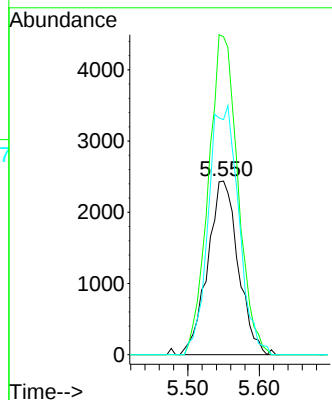
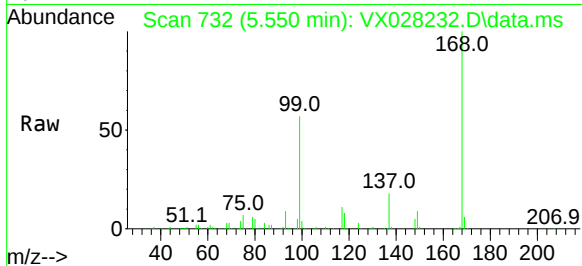




#31
Cyclohexane
Concen: 1.210 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX028232.D
Acq: 21 Apr 2022 11:37

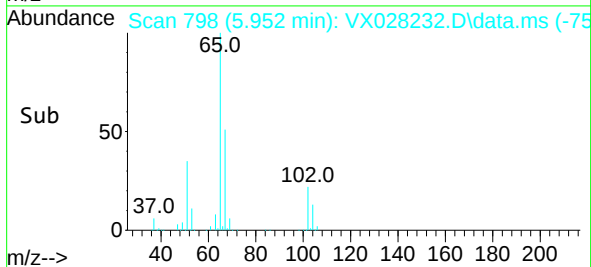
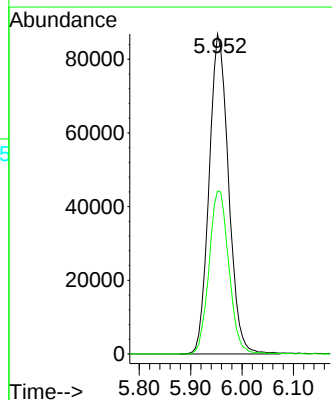
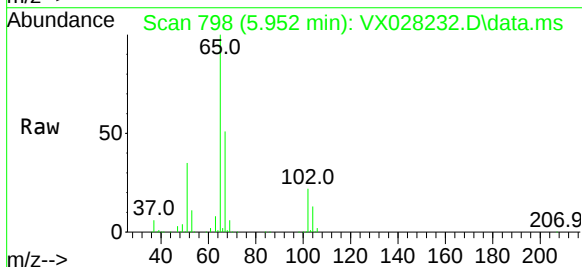
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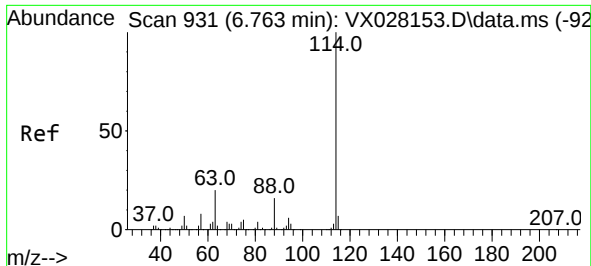
Tgt Ion: 56 Resp: 7242
Ion Ratio Lower Upper
56 100
69 183.1 26.7 40.1#
84 135.3 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 46.495 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX028232.D
Acq: 21 Apr 2022 11:37

Tgt Ion: 65 Resp: 228490
Ion Ratio Lower Upper
65 100
67 51.8 0.0 107.4

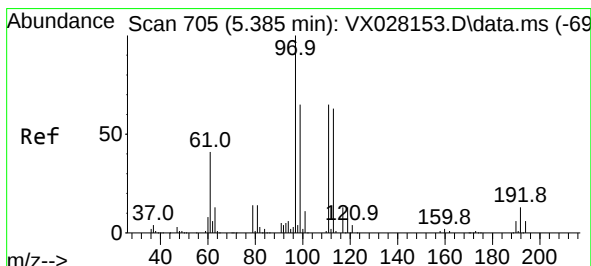
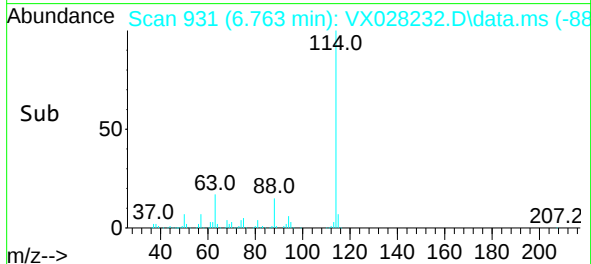
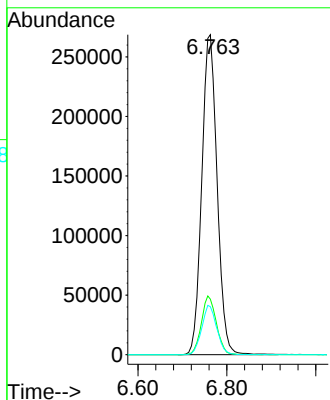
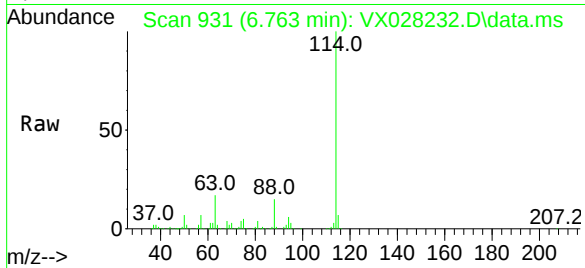




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX028232.D
Acq: 21 Apr 2022 11:37

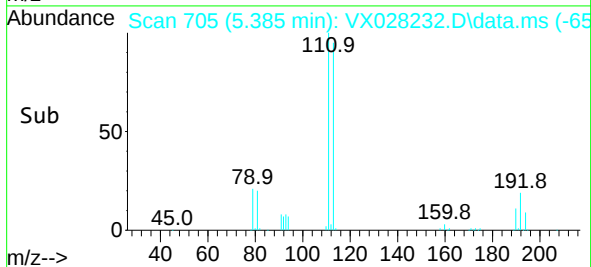
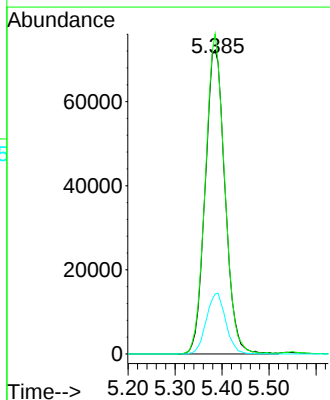
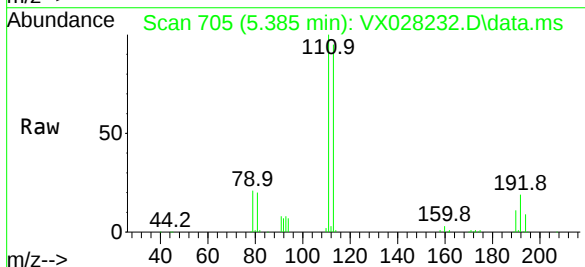
Instrument :
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VX0421MBL01

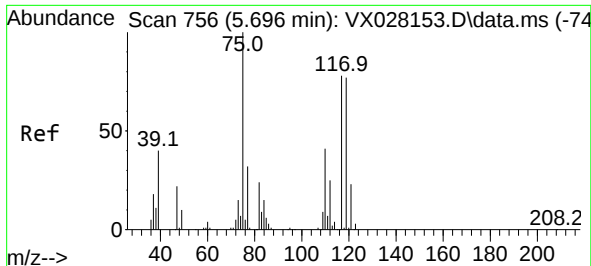
Tgt Ion:114 Resp: 646309
Ion Ratio Lower Upper
114 100
63 17.4 0.0 36.8
88 15.0 0.0 32.4



#35
Dibromofluoromethane
Concen: 46.906 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX028232.D
Acq: 21 Apr 2022 11:37

Tgt Ion:113 Resp: 212602
Ion Ratio Lower Upper
113 100
111 101.7 82.8 124.2
192 19.5 16.9 25.3

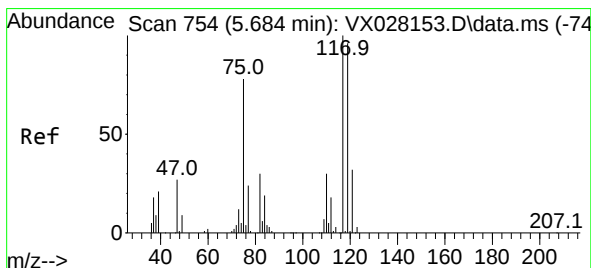
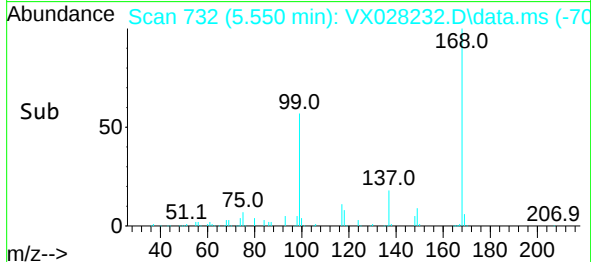
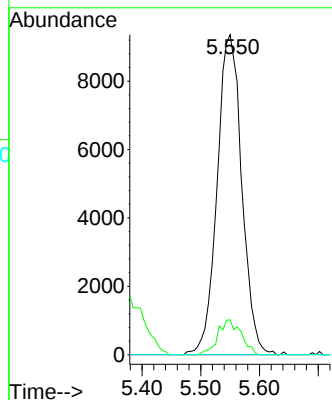
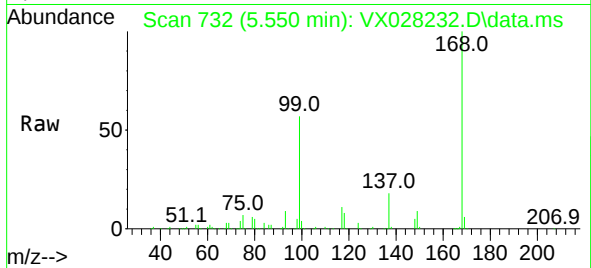




#36
1,1-Dichloropropene
Concen: 4.616 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX028232.D
Acq: 21 Apr 2022 11:37

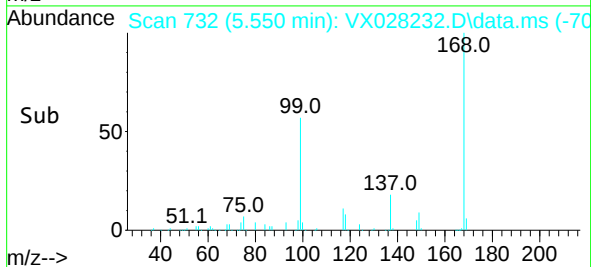
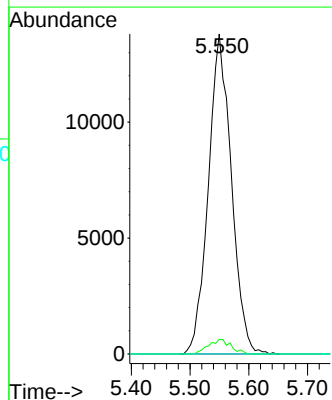
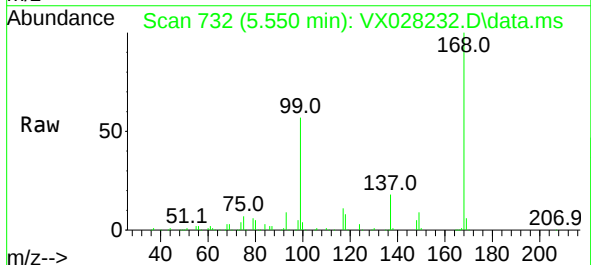
Instrument :
MSVOA_X
ClientSampleId :
VX0421MBL01

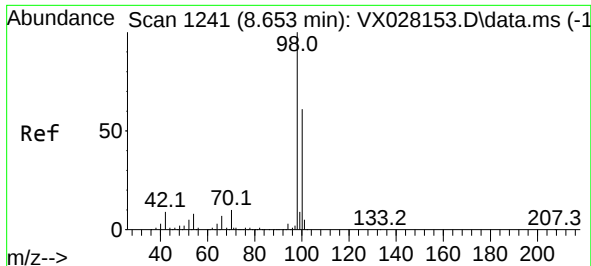
Tgt Ion: 75 Resp: 27289
Ion Ratio Lower Upper
75 100
110 10.2 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.627 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX028232.D
Acq: 21 Apr 2022 11:37

Tgt Ion: 117 Resp: 37557
Ion Ratio Lower Upper
117 100
119 4.6 77.3 115.9#
121 0.0 24.2 36.2#

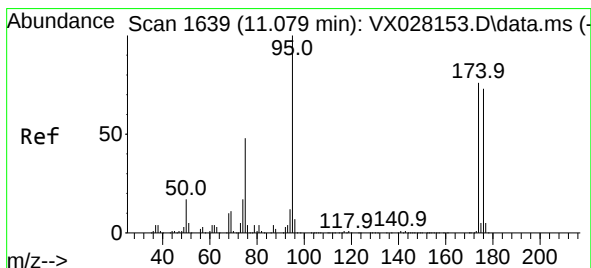
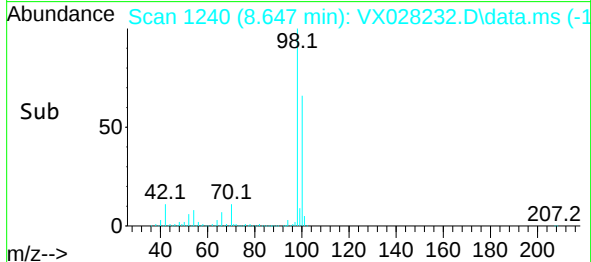
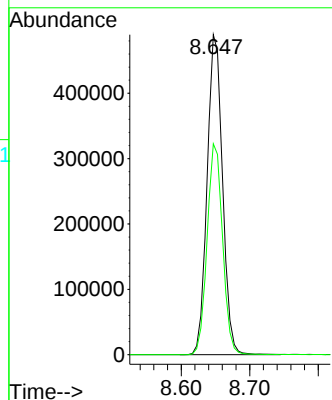
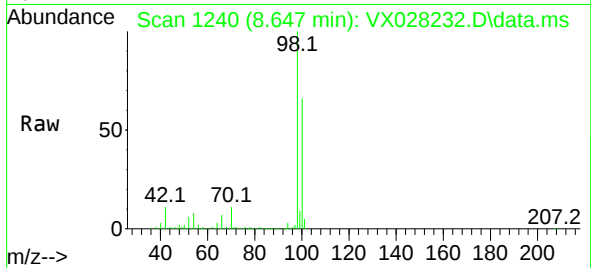




#50
Toluene-d8
Concen: 44.064 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX028232.D
Acq: 21 Apr 2022 11:37

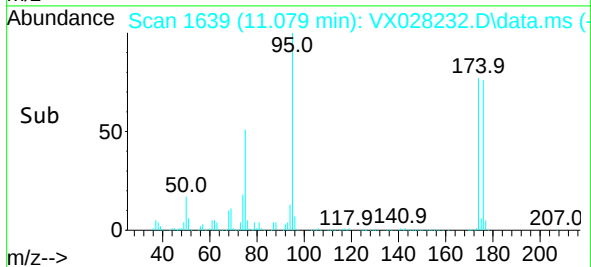
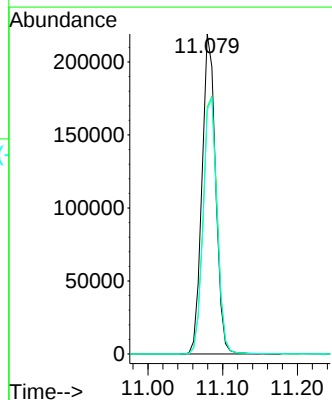
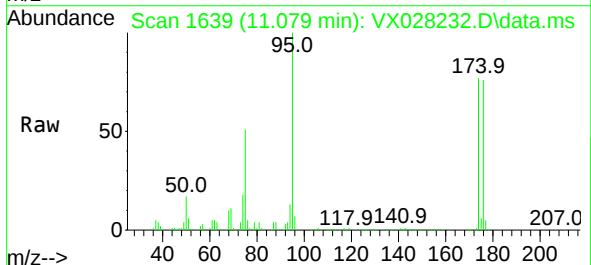
Instrument :
MSVOA_X
ClientSampleId :
VX0421MBL01

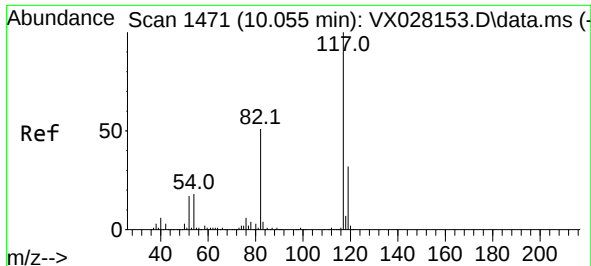
Tgt Ion: 98 Resp: 767090
Ion Ratio Lower Upper
98 100
100 66.2 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 41.687 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028232.D
Acq: 21 Apr 2022 11:37

Tgt Ion: 95 Resp: 277478
Ion Ratio Lower Upper
95 100
174 83.4 0.0 163.0
176 81.8 0.0 155.0

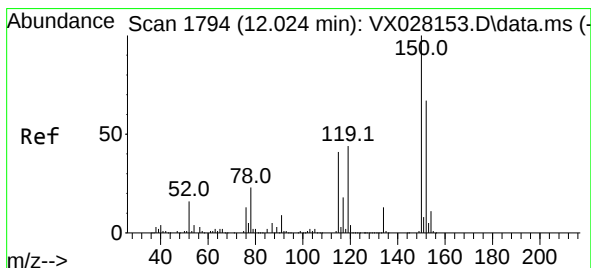
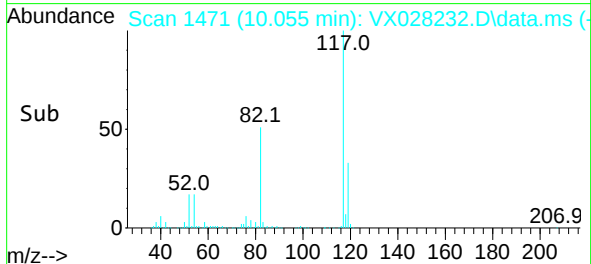
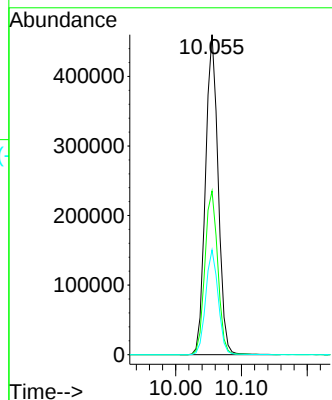
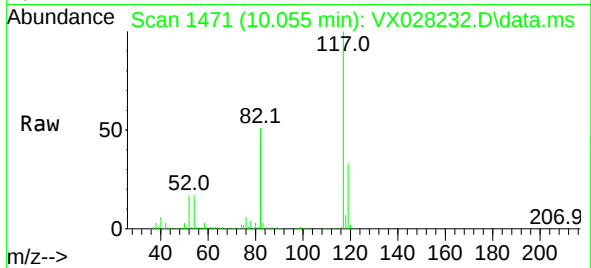




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028232.D
Acq: 21 Apr 2022 11:37

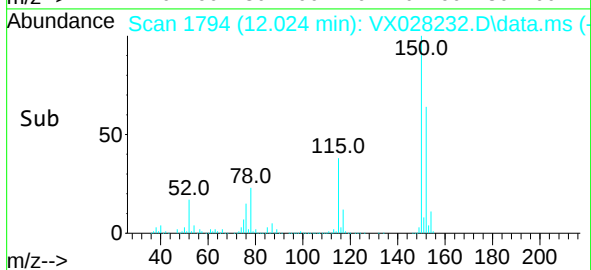
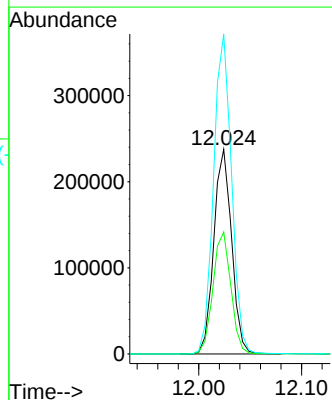
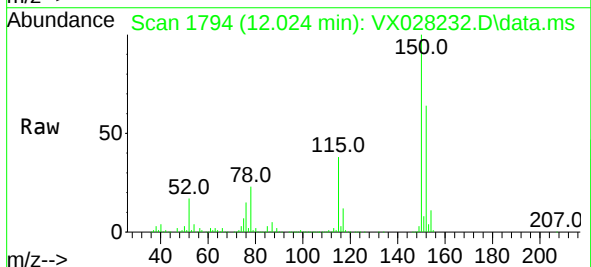
Instrument :
MSVOA_X
ClientSampleId :
VX0421MBL01

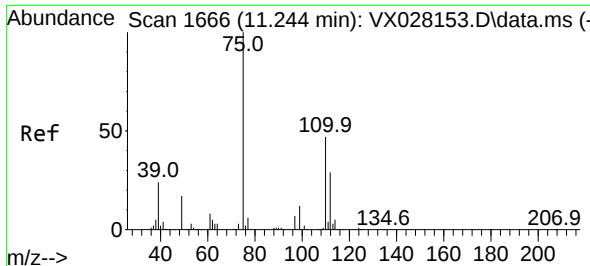
Tgt Ion:117 Resp: 616420
Ion Ratio Lower Upper
117 100
82 51.2 41.8 62.8
119 32.8 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028232.D
Acq: 21 Apr 2022 11:37

Tgt Ion:152 Resp: 285557
Ion Ratio Lower Upper
152 100
115 59.9 37.5 112.7
150 157.6 0.0 338.2

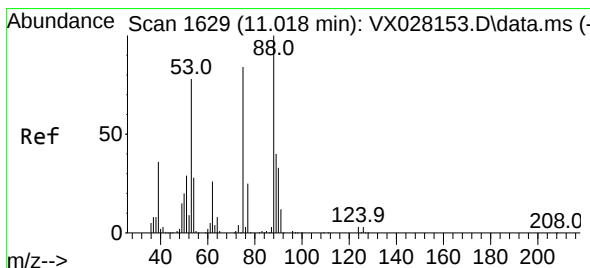
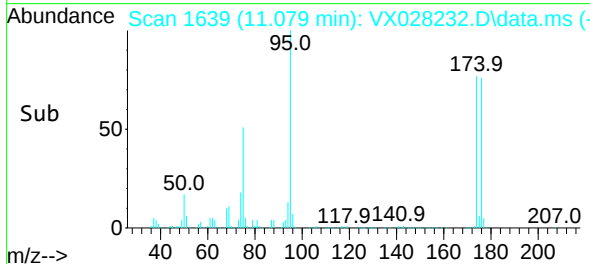
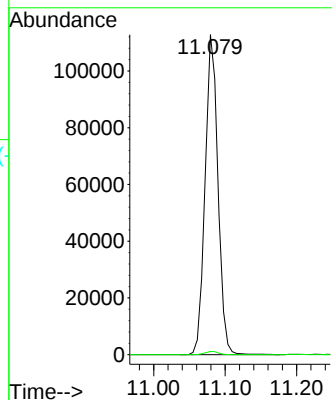
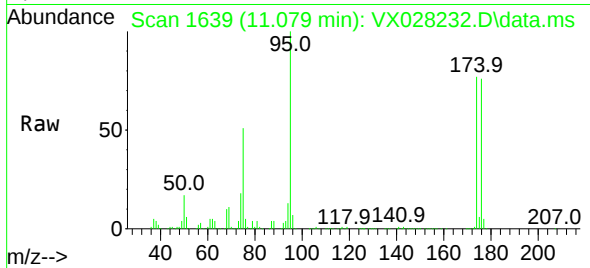




#76
1,2,3-Trichloropropane
Concen: 25.090 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX028232.D
Acq: 21 Apr 2022 11:37

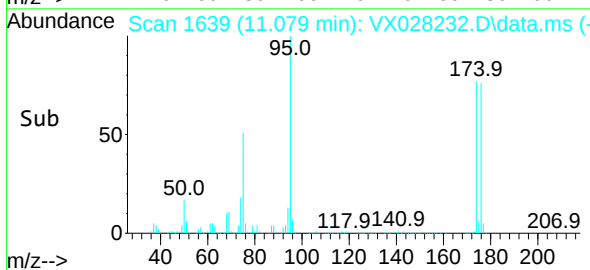
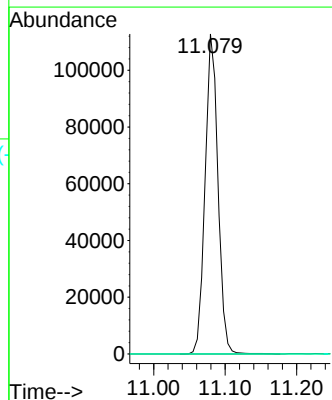
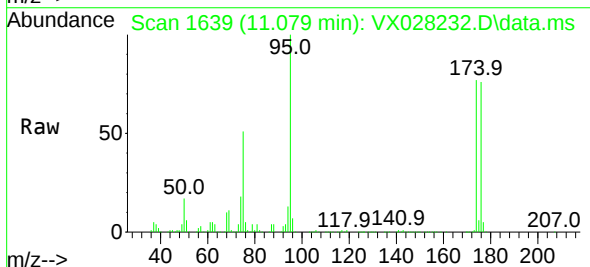
Instrument :
MSVOA_X
ClientSampleId :
VX0421MBL01

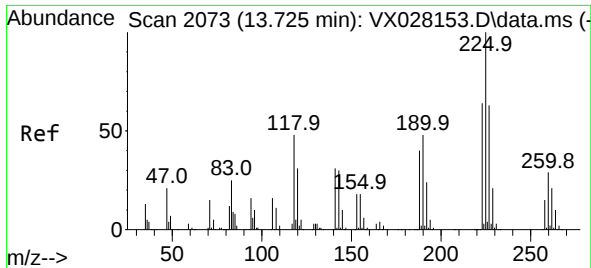
Tgt Ion: 75 Resp: 141004
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.561 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028232.D
Acq: 21 Apr 2022 11:37

Tgt Ion: 75 Resp: 141004
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#





#94
 Hexachlorobutadiene
 Concen: 0.351 ug/l
 RT: 13.725 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VX028232.D
 Acq: 21 Apr 2022 11:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0421MBL01

Tgt Ion:	225	Resp:	888
Ion	Ratio	Lower	Upper
225	100		
223	51.1	34.2	102.5
227	66.7	33.9	101.7

