

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031122\
 Data File : VX027391.D
 Acq On : 11 Mar 2022 10:45
 Operator : JC/MD
 Sample : VX0311MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311MBL01

Quant Time: Mar 11 23:09:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 15:54:34 2022
 Response via : Initial Calibration

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

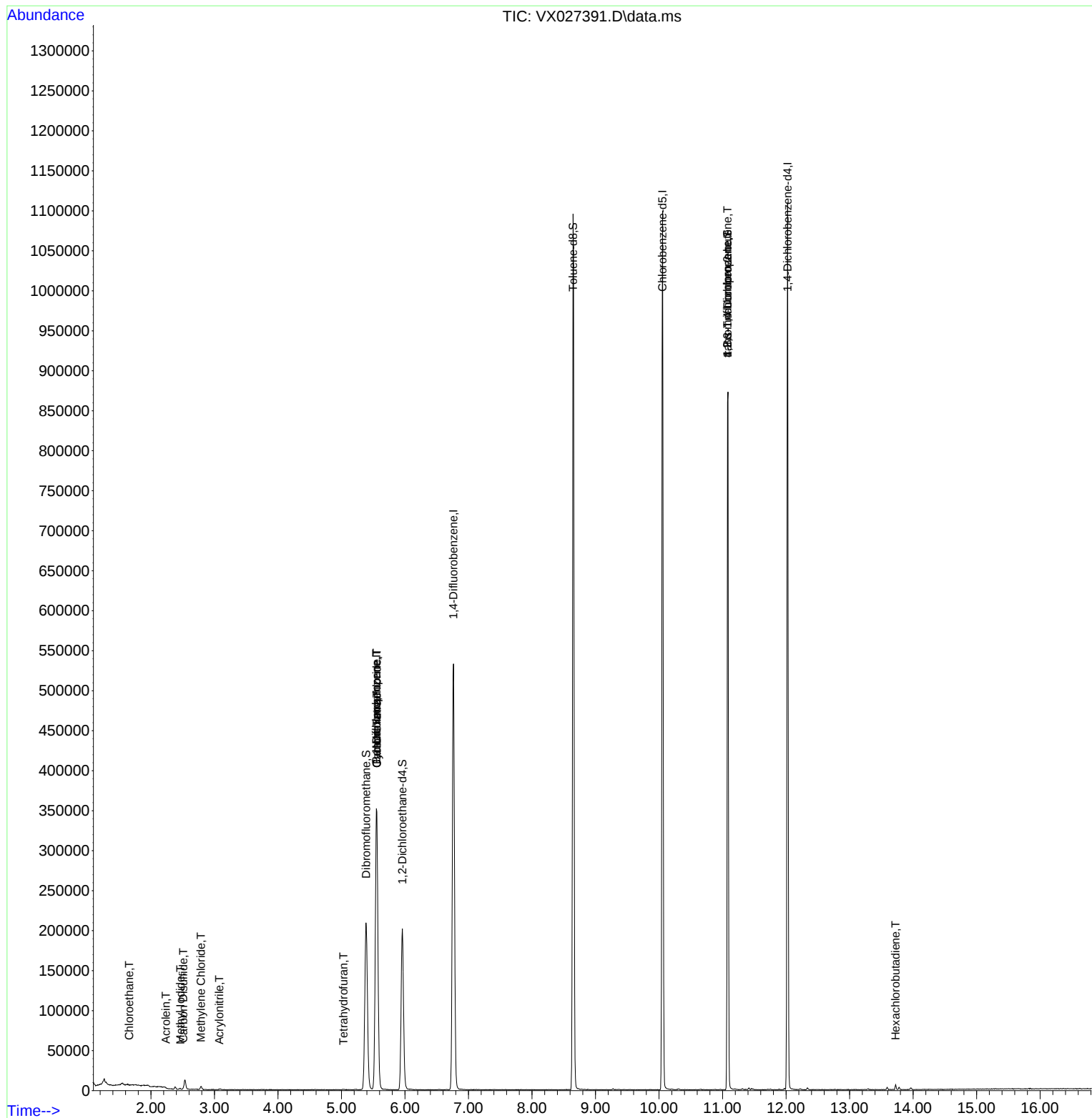
Internal Standards						
1) Pentafluorobenzene	5.550	168	362633	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	586497	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	538263	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	245942	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	194037	45.884	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.760%		
35) Dibromofluoromethane	5.385	113	187805	49.626	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.260%		
50) Toluene-d8	8.647	98	687424	48.114	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.220%		
62) 4-Bromofluorobenzene	11.079	95	248545	45.644	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	91.280%		
Target Compounds						Qvalue
5) Bromomethane	1.617	94	731	Below Cal		83
6) Chloroethane	1.654	64	695	0.720 ug/l #		43
10) Methyl Iodide	2.465	142	1387	0.269 ug/l		95
13) Acrolein	2.233	56	198	0.341 ug/l #		79
15) Acrylonitrile	3.075	53	520	0.238 ug/l #		85
16) Acetone	2.380	43	2767	Below Cal #		87
17) Carbon Disulfide	2.508	76	2082	0.218 ug/l		95
20) Methylene Chloride	2.788	84	2027	0.491 ug/l		95
29) Tetrahydrofuran	5.032	42	412	0.214 ug/l #		59
31) Cyclohexane	5.556	56	5691	0.962 ug/l #		1
36) 1,1-Dichloropropene	5.550	75	23863	4.542 ug/l #		50
38) Carbon Tetrachloride	5.556	117	34295	6.312 ug/l #		16
76) 1,2,3-Trichloropropane	11.079	75	113391	21.014 ug/l #		38
81) trans-1,4-Dichloro-2-b...	11.079	75	113391	67.961 ug/l #		15
94) Hexachlorobutadiene	13.725	225	1089	0.450 ug/l		86

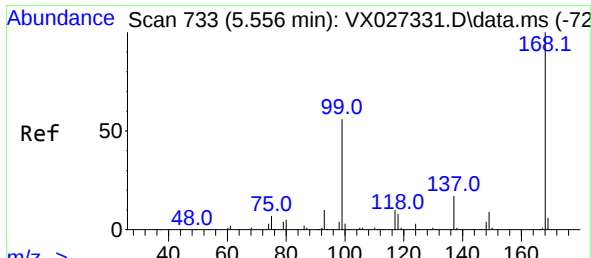
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
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Quant Time: Mar 11 23:09:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 08 15:54:34 2022
Response via : Initial Calibration

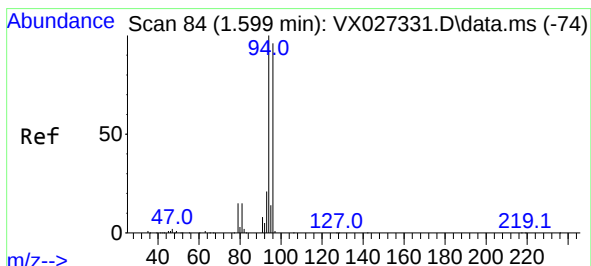
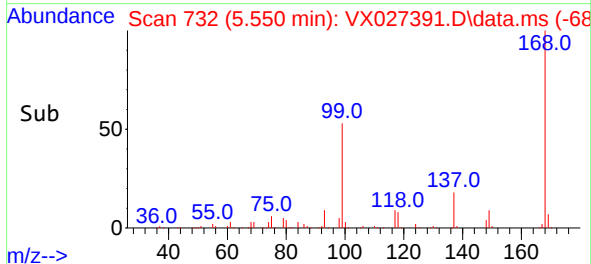
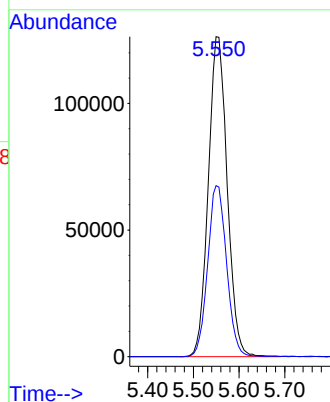
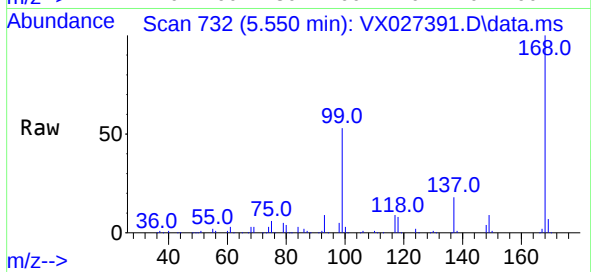




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX027391.D
Acq: 11 Mar 2022 10:45

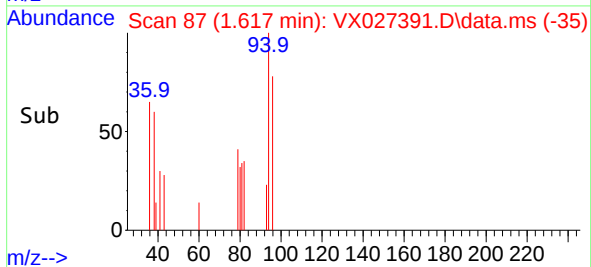
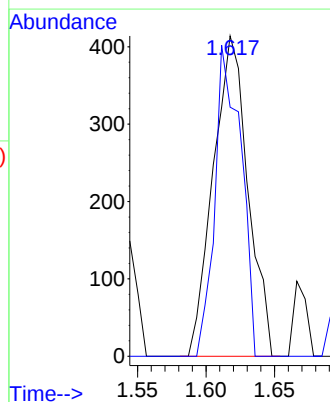
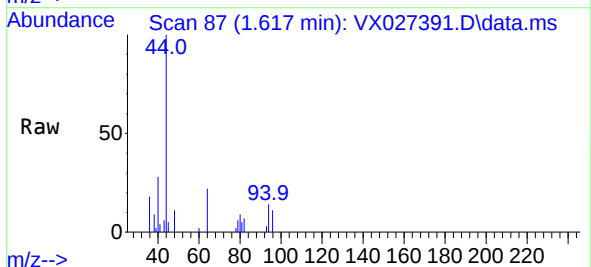
Instrument :
MSVOA_X
ClientSampleId :
VX0311MBL01

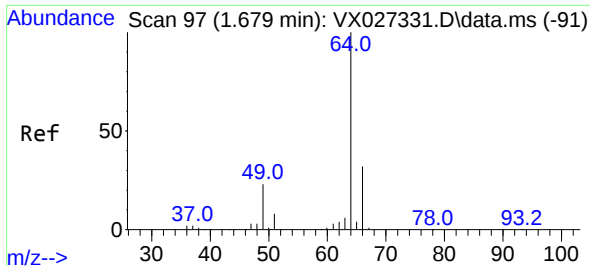
Tgt Ion:168 Resp: 362633
Ion Ratio Lower Upper
168 100
99 53.4 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX027391.D
Acq: 11 Mar 2022 10:45

Tgt Ion: 94 Resp: 731
Ion Ratio Lower Upper
94 100
96 77.8 75.3 112.9

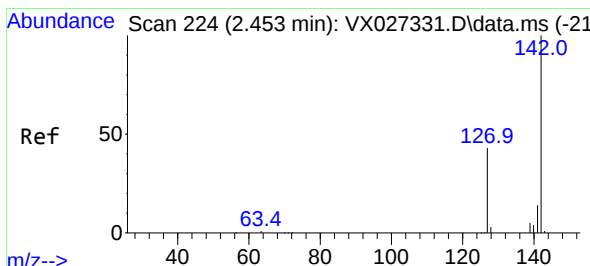
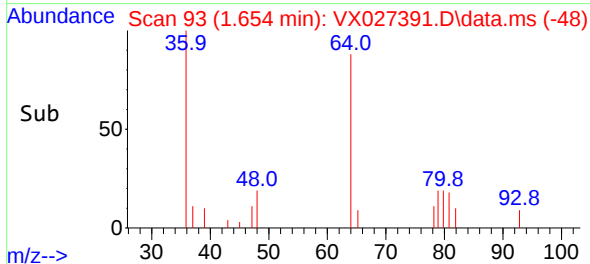
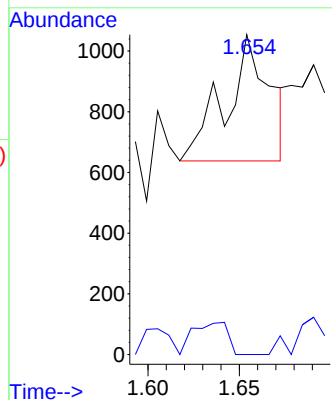
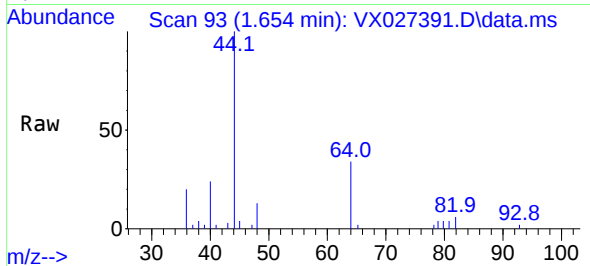




#6
Chloroethane
Concen: 0.720 ug/l
RT: 1.654 min Scan# 91
Delta R.T. -0.025 min
Lab File: VX027391.D
Acq: 11 Mar 2022 10:45

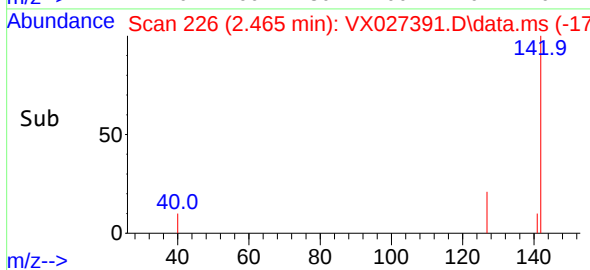
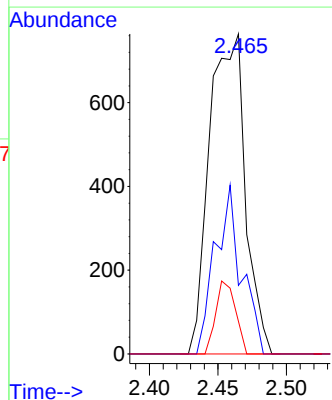
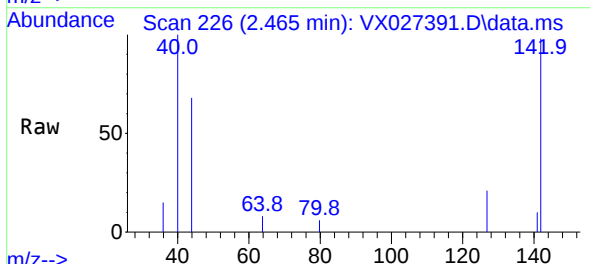
Instrument :
MSVOA_X
ClientSampleId :
VX0311MBL01

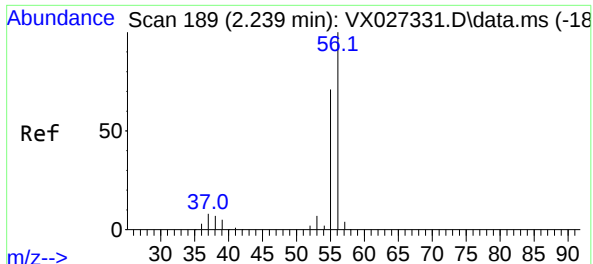
Tgt Ion: 64 Resp: 695
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#10
Methyl Iodide
Concen: 0.269 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX027391.D
Acq: 11 Mar 2022 10:45

Tgt Ion: 142 Resp: 1387
Ion Ratio Lower Upper
142 100
127 38.7 33.9 50.9
141 12.5 11.4 17.2

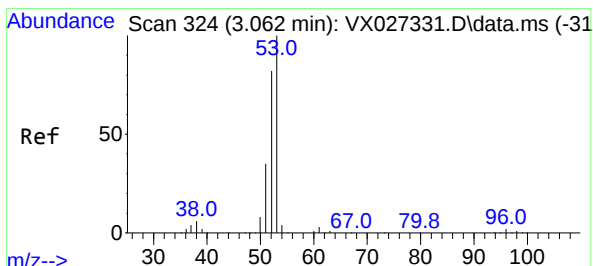
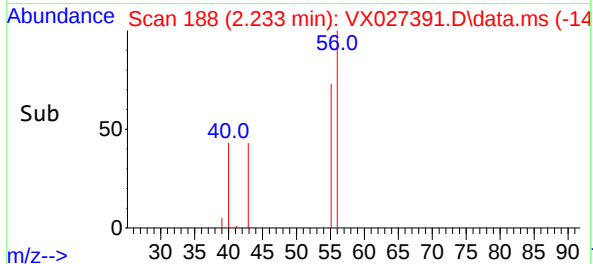
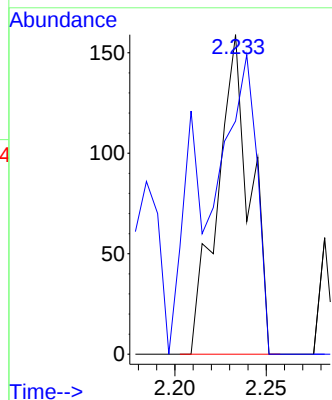
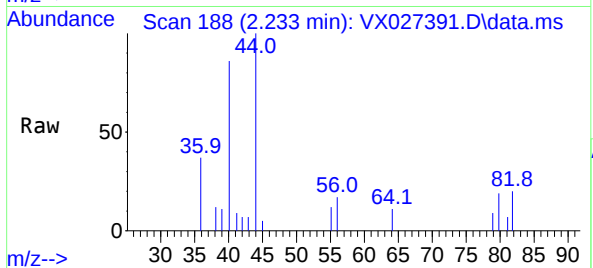




#13
Acrolein
Concen: 0.341 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX027391.D
Acq: 11 Mar 2022 10:45

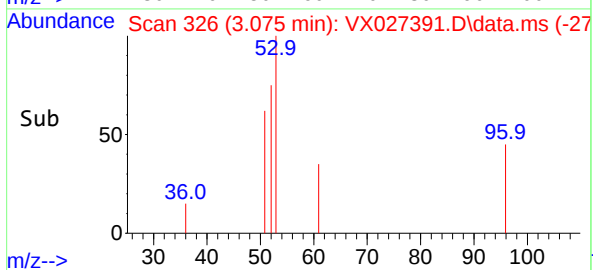
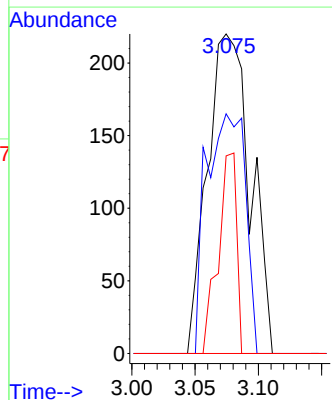
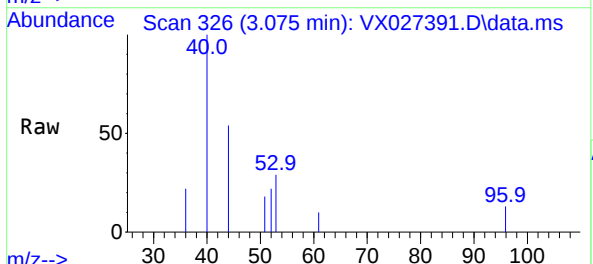
Instrument :
MSVOA_X
ClientSampleId :
VX0311MBL01

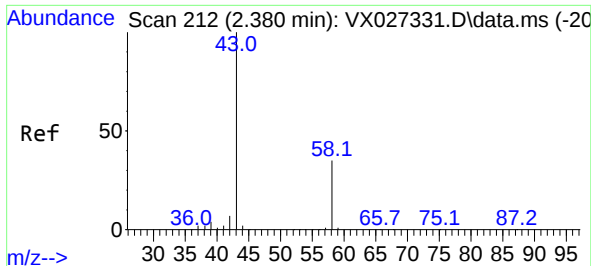
Tgt Ion: 56 Resp: 198
Ion Ratio Lower Upper
56 100
55 85.9 55.0 82.6#



#15
Acrylonitrile
Concen: 0.238 ug/l
RT: 3.075 min Scan# 326
Delta R.T. 0.013 min
Lab File: VX027391.D
Acq: 11 Mar 2022 10:45

Tgt Ion: 53 Resp: 520
Ion Ratio Lower Upper
53 100
52 68.1 65.7 98.5
51 26.7 28.4 42.6#

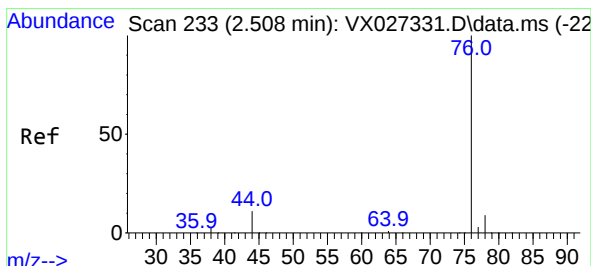
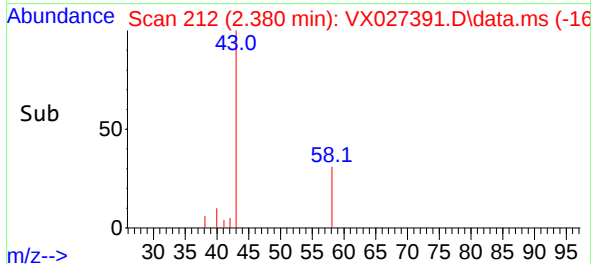
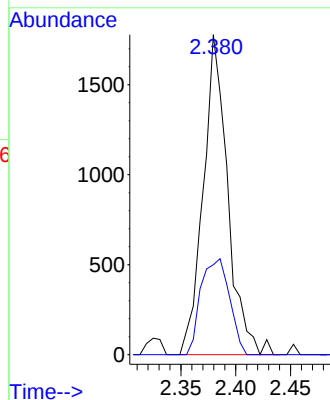
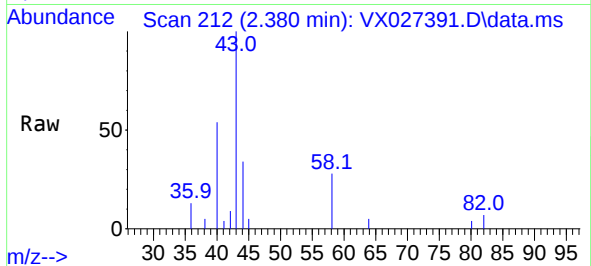




#16
Acetone
Concen: Below Cal
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX027391.D
Acq: 11 Mar 2022 10:45

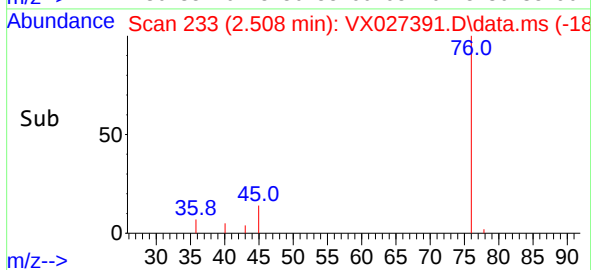
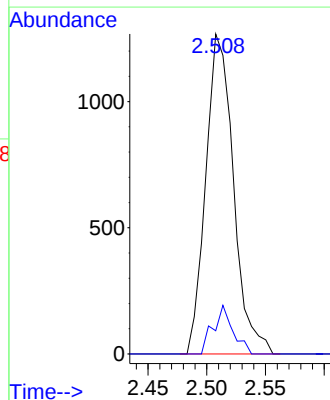
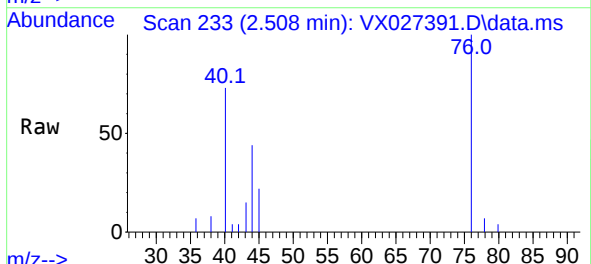
Instrument :
MSVOA_X
ClientSampleId :
VX0311MBL01

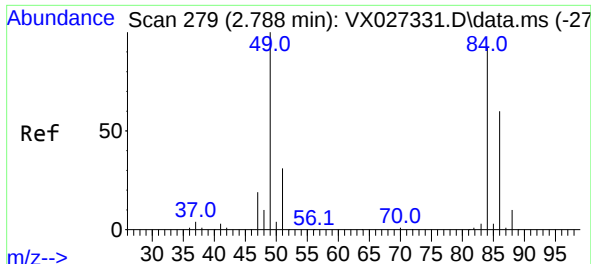
Tgt Ion: 43 Resp: 2767
Ion Ratio Lower Upper
43 100
58 28.1 28.8 43.2#



#17
Carbon Disulfide
Concen: 0.218 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.000 min
Lab File: VX027391.D
Acq: 11 Mar 2022 10:45

Tgt Ion: 76 Resp: 2082
Ion Ratio Lower Upper
76 100
78 7.3 7.2 10.8



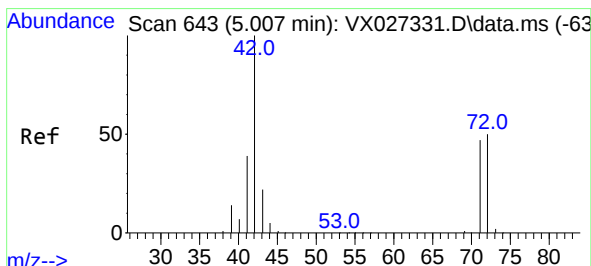
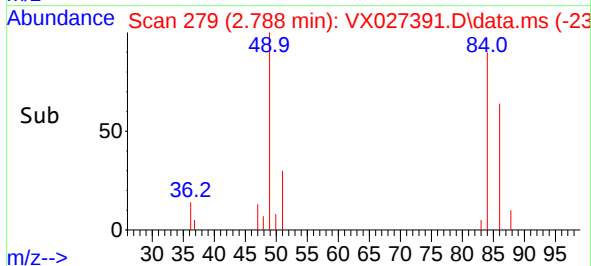
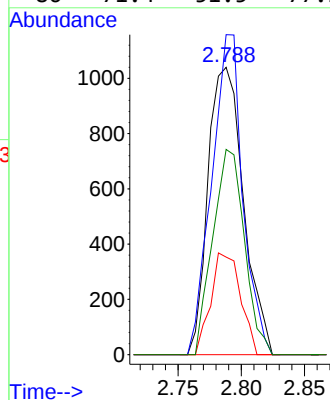
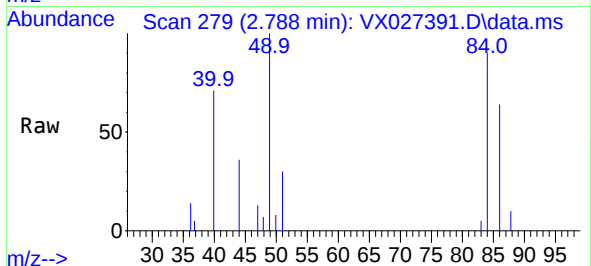


#20
Methylene Chloride
Concen: 0.491 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX027391.D
Acq: 11 Mar 2022 10:45

Instrument :
MSVOA_X
ClientSampleId :
VX0311MBL01

Tgt Ion: 84 Resp: 2027

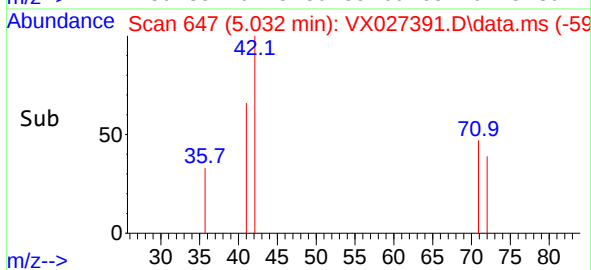
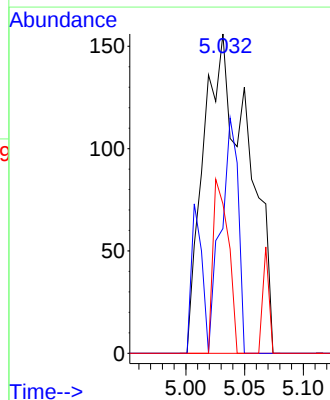
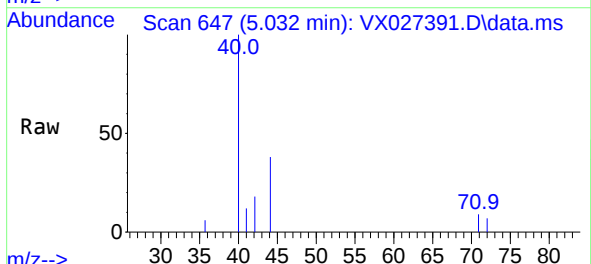
Ion	Ratio	Lower	Upper
84	100		
49	111.3	85.5	128.3
51	33.9	26.6	39.8
86	71.4	51.5	77.3

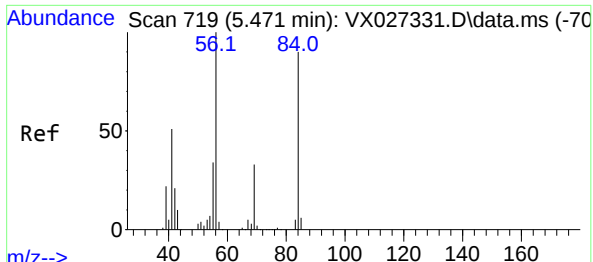


#29
Tetrahydrofuran
Concen: 0.214 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.025 min
Lab File: VX027391.D
Acq: 11 Mar 2022 10:45

Tgt Ion: 42 Resp: 412

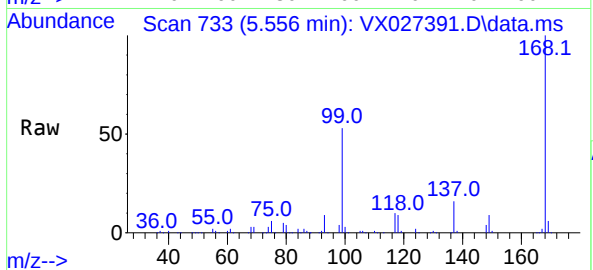
Ion	Ratio	Lower	Upper
42	100		
72	28.9	44.1	66.1#
71	18.4	40.5	60.7#



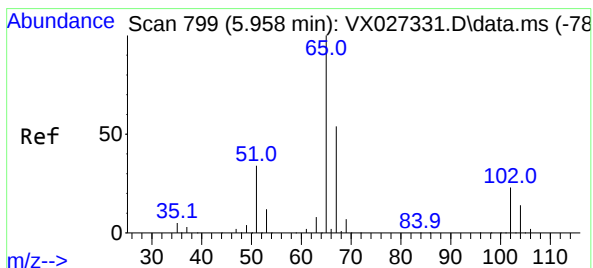
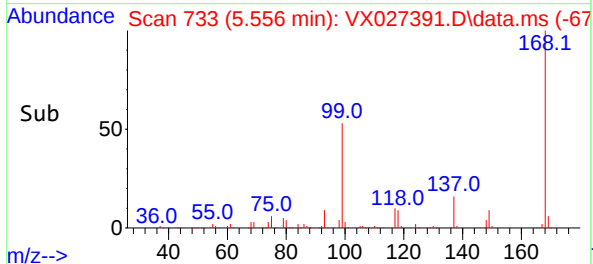
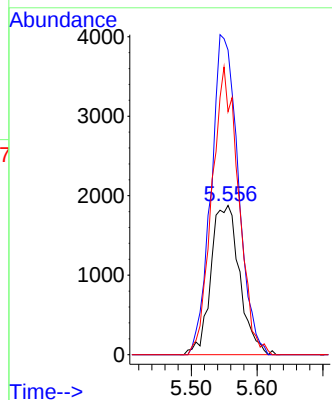


#31
Cyclohexane
Concen: 0.962 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX027391.D
Acq: 11 Mar 2022 10:45

Instrument :
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ClientSampleId :
VX0311MBL01

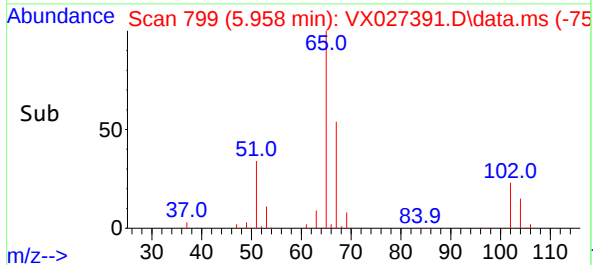
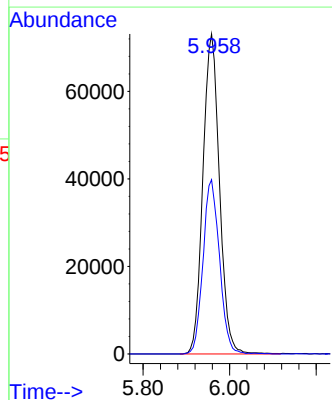
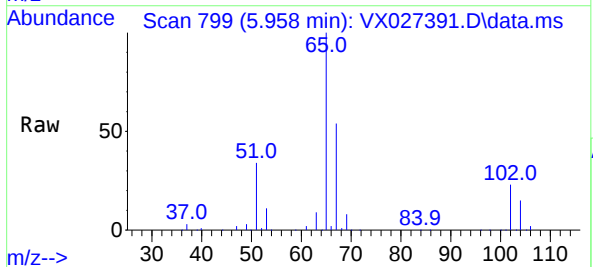


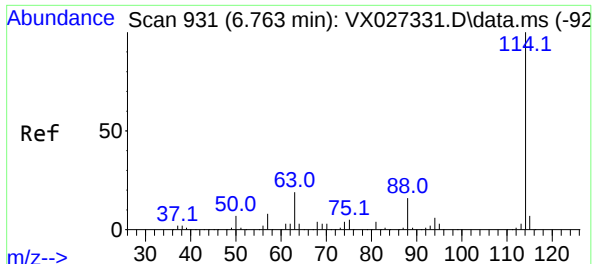
Tgt Ion: 56 Resp: 5691
Ion Ratio Lower Upper
56 100
69 204.0 26.7 40.1#
84 162.8 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 45.884 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027391.D
Acq: 11 Mar 2022 10:45

Tgt Ion: 65 Resp: 194037
Ion Ratio Lower Upper
65 100
67 54.1 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: VX027391.D

Acq: 11 Mar 2022 10:45

Instrument :

MSVOA_X

ClientSampleId :

VX0311MBL01

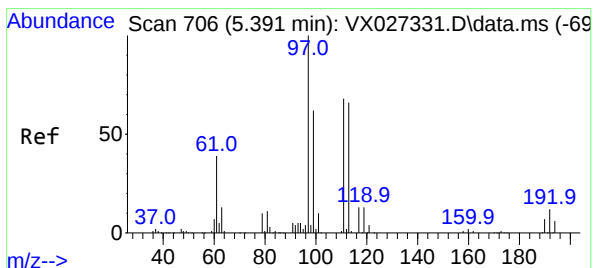
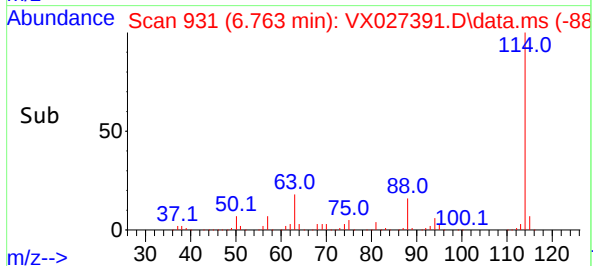
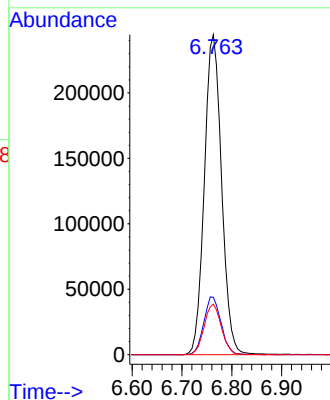
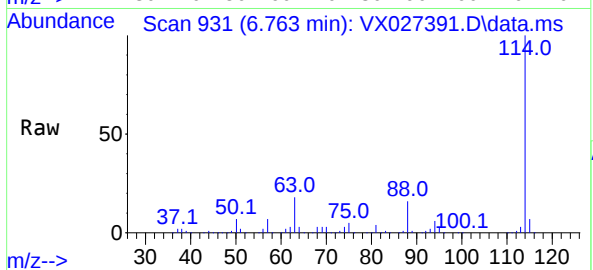
Tgt Ion:114 Resp: 586497

Ion Ratio Lower Upper

114 100

63 17.9 0.0 36.8

88 15.8 0.0 32.4



#35

Dibromofluoromethane

Concen: 49.626 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX027391.D

Acq: 11 Mar 2022 10:45

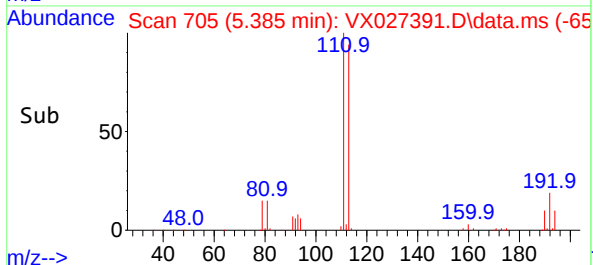
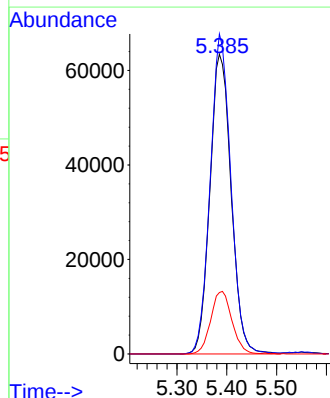
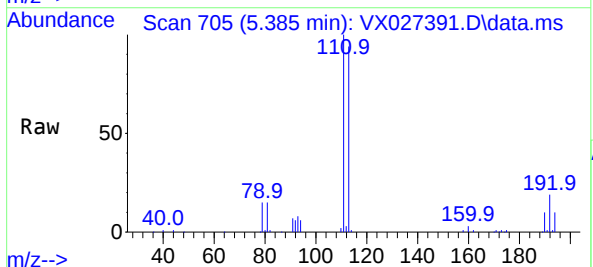
Tgt Ion:113 Resp: 187805

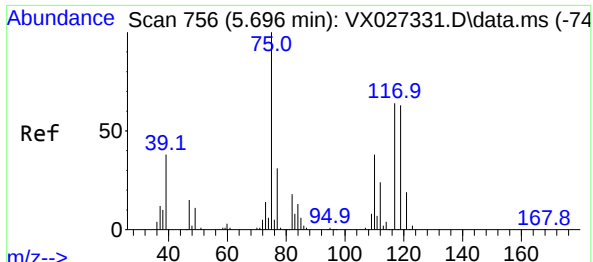
Ion Ratio Lower Upper

113 100

111 103.6 82.8 124.2

192 20.8 16.9 25.3

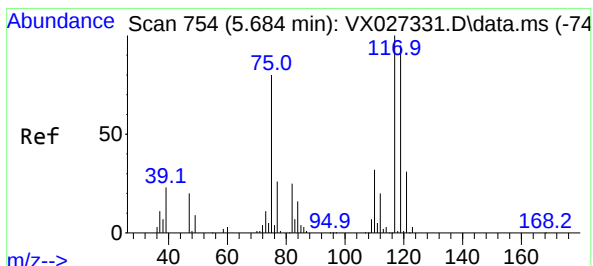
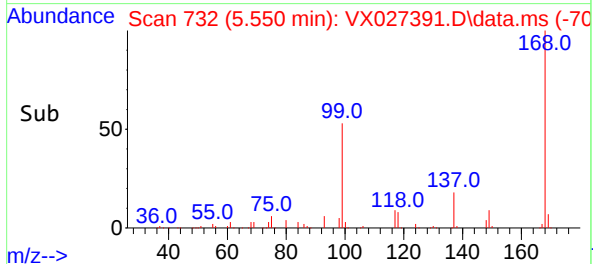
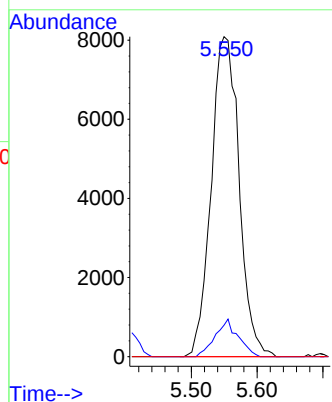
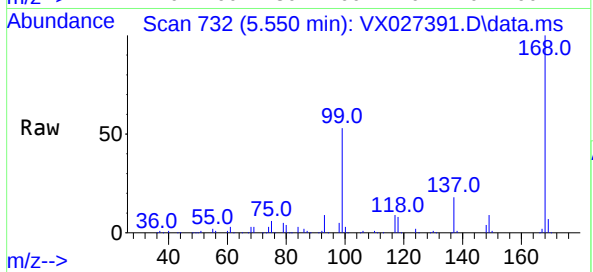




#36
1,1-Dichloropropene
Concen: 4.542 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX027391.D
Acq: 11 Mar 2022 10:45

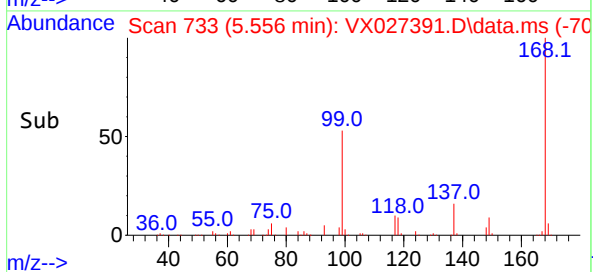
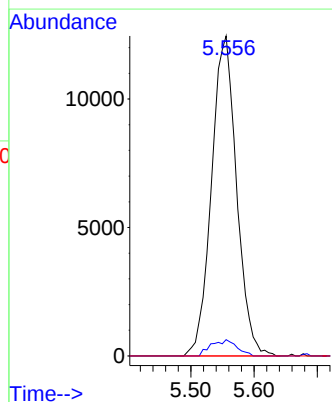
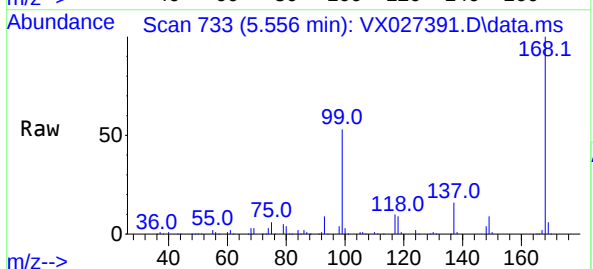
Instrument :
MSVOA_X
ClientSampleId :
VX0311MBL01

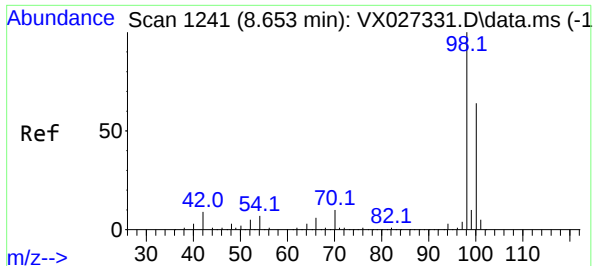
Tgt Ion: 75 Resp: 23863
Ion Ratio Lower Upper
75 100
110 9.6 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.312 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX027391.D
Acq: 11 Mar 2022 10:45

Tgt Ion: 117 Resp: 34295
Ion Ratio Lower Upper
117 100
119 5.1 77.3 115.9#
121 0.0 24.2 36.2#

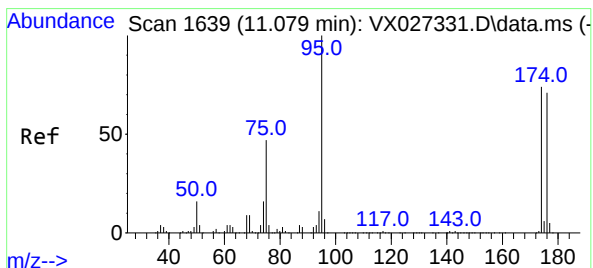
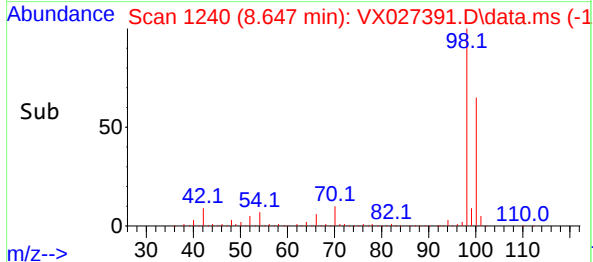
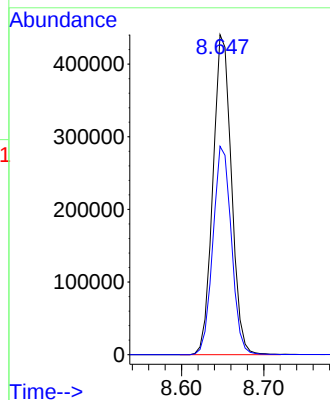
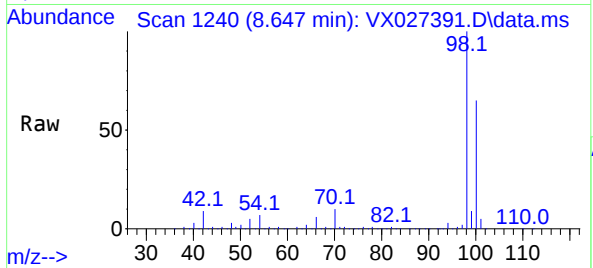




#50
Toluene-d8
Concen: 48.114 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX027391.D
Acq: 11 Mar 2022 10:45

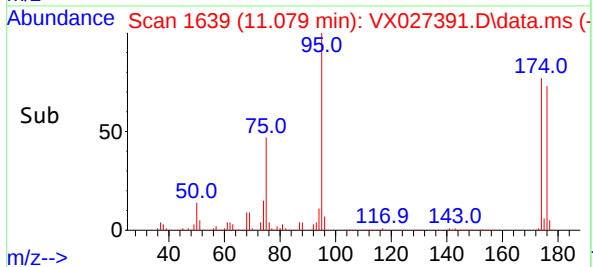
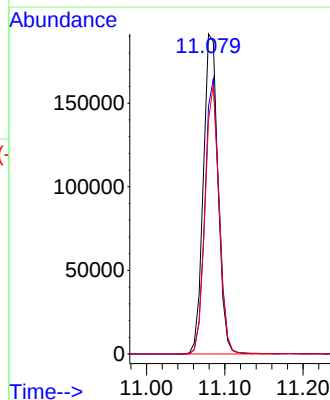
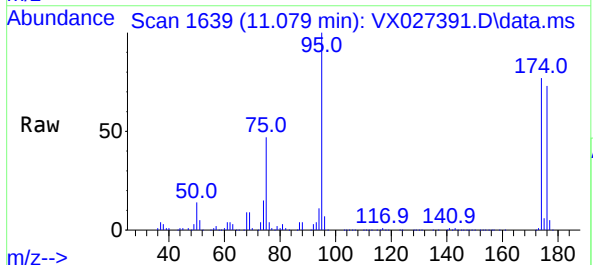
Instrument :
MSVOA_X
ClientSampleId :
VX0311MBL01

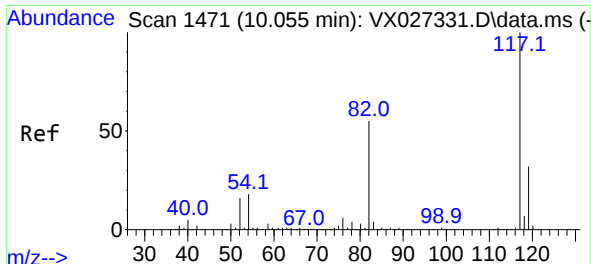
Tgt Ion: 98 Resp: 687424
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 45.644 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX027391.D
Acq: 11 Mar 2022 10:45

Tgt Ion: 95 Resp: 248545
Ion Ratio Lower Upper
95 100
174 83.4 0.0 163.0
176 80.5 0.0 155.0

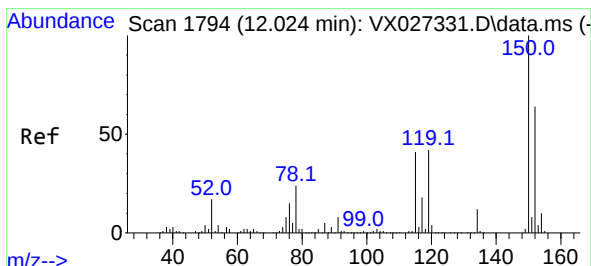
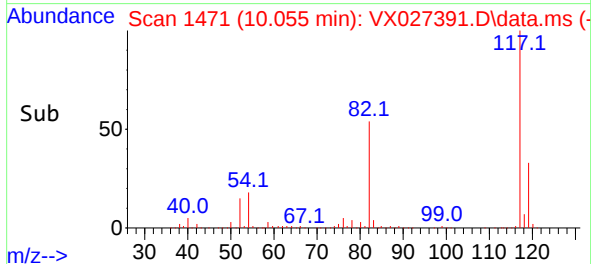
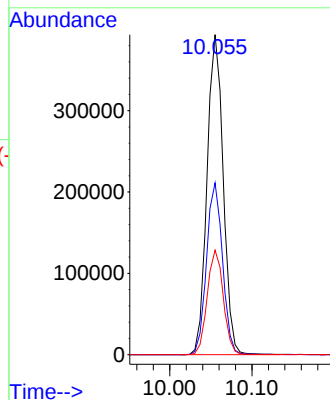
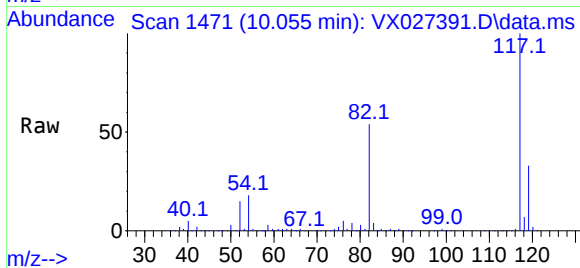




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027391.D
Acq: 11 Mar 2022 10:45

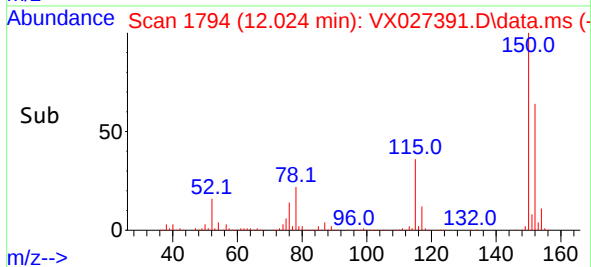
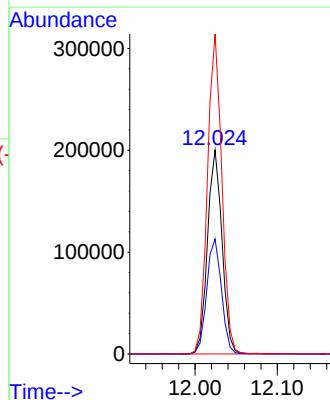
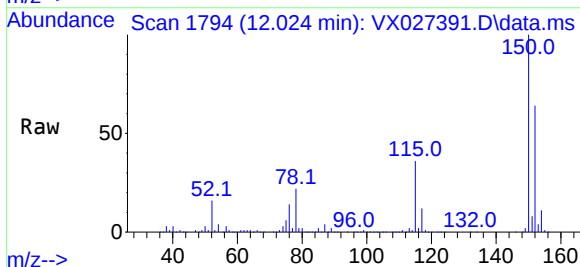
Instrument :
MSVOA_X
ClientSampleId :
VX0311MBL01

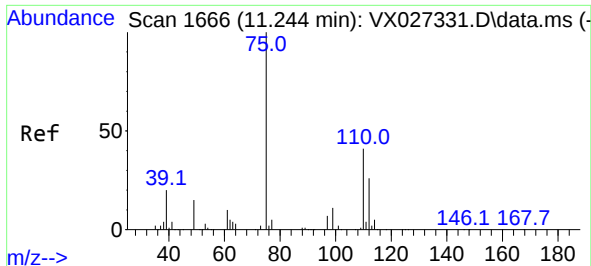
Tgt Ion:117 Resp: 538263
Ion Ratio Lower Upper
117 100
82 53.7 41.8 62.8
119 32.7 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027391.D
Acq: 11 Mar 2022 10:45

Tgt Ion:152 Resp: 245942
Ion Ratio Lower Upper
152 100
115 57.3 37.5 112.7
150 154.7 0.0 338.2

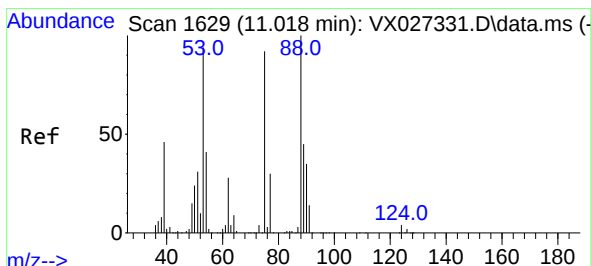
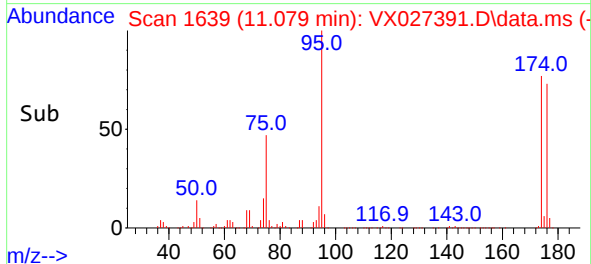
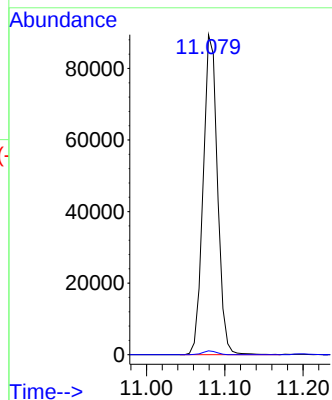
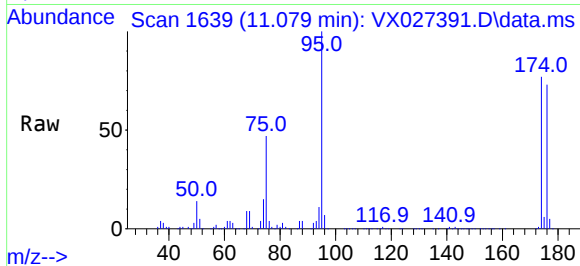




#76
1,2,3-Trichloropropane
Concen: 21.014 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027391.D
Acq: 11 Mar 2022 10:45

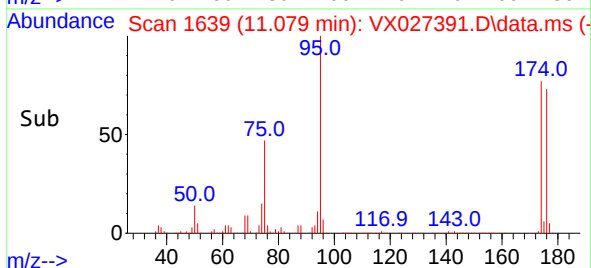
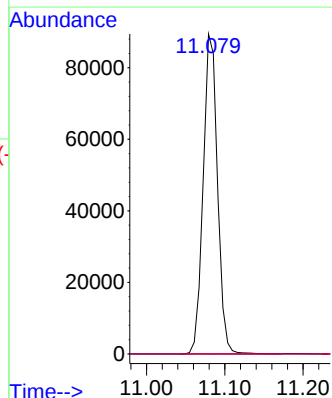
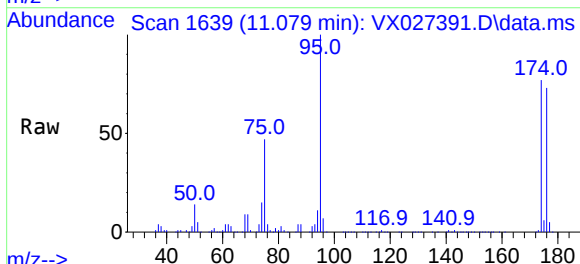
Instrument :
MSVOA_X
ClientSampleId :
VX0311MBL01

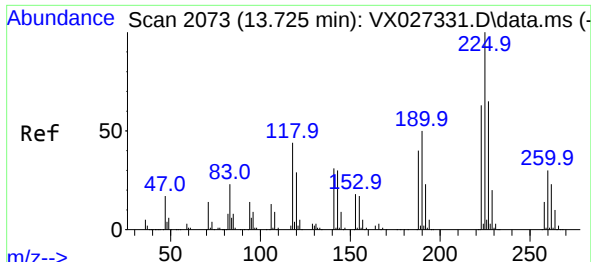
Tgt Ion: 75 Resp: 113391
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.961 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027391.D
Acq: 11 Mar 2022 10:45

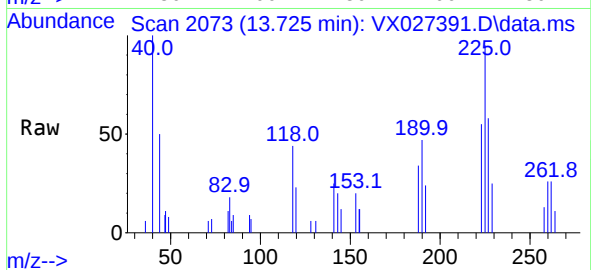
Tgt Ion: 75 Resp: 113391
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#





#94
 Hexachlorobutadiene
 Concen: 0.450 ug/l
 RT: 13.725 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VX027391.D
 Acq: 11 Mar 2022 10:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311MBL01



Tgt Ion:225 Resp: 1089

Ion	Ratio	Lower	Upper
225	100		
223	53.6	34.2	102.5
227	59.8	33.9	101.7

