

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031422\
 Data File : VX027425.D
 Acq On : 14 Mar 2022 16:47
 Operator : JC/MD
 Sample : N1895-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB030922

Quant Time: Mar 15 06:04:42 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)

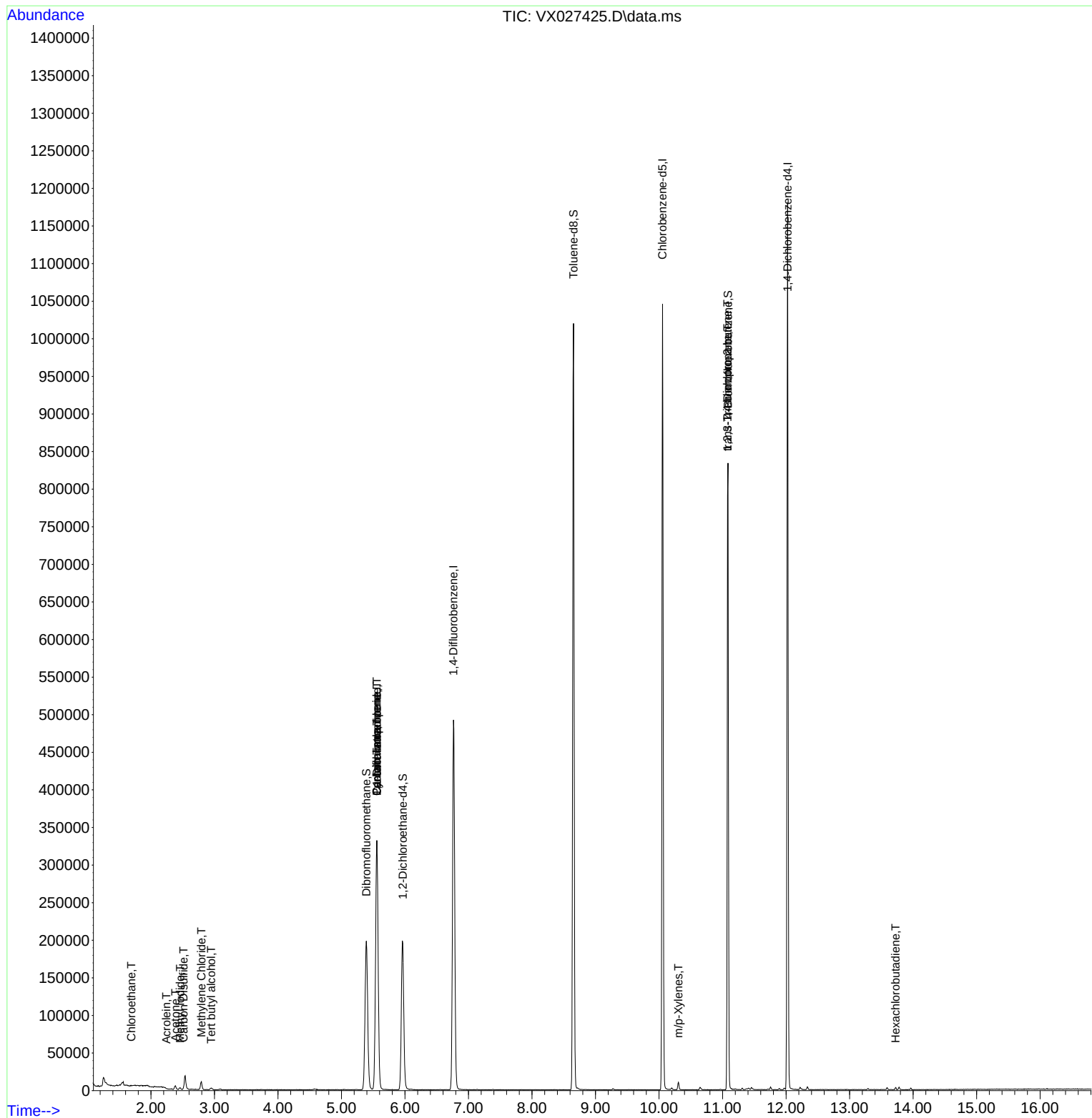
Internal Standards						
1) Pentafluorobenzene	5.556	168	314547	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	510777	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	470452	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	255567	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	200917	54.774	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 109.540%			
35) Dibromofluoromethane	5.391	113	173308	52.584	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.160%			
50) Toluene-d8	8.653	98	609574	48.990	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.980%			
62) 4-Bromofluorobenzene	11.085	95	222459	46.909	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 93.820%			
Target Compounds					Qvalue	
5) Bromomethane	1.611	94	814	Below Cal	#	77
6) Chloroethane	1.691	64	498	0.675	ug/l #	43
10) Methyl Iodide	2.459	142	2480	0.554	ug/l	92
11) Tert butyl alcohol	2.946	59	1473	2.048	ug/l #	72
13) Acrolein	2.239	56	114	0.226	ug/l #	15
16) Acetone	2.386	43	5221	0.793	ug/l	97
17) Carbon Disulfide	2.514	76	1707	0.206	ug/l #	92
20) Methylene Chloride	2.794	84	4702	1.312	ug/l #	90
31) Cyclohexane	5.556	56	6612	1.289	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	23606	5.159	ug/l #	50
38) Carbon Tetrachloride	5.556	117	32347	6.836	ug/l #	15
68) m/p-Xylenes	10.305	106	2542	0.380	ug/l	96
76) 1,2,3-Trichloropropane	11.079	75	113619	20.263	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	113619	65.533	ug/l #	15
94) Hexachlorobutadiene	13.725	225	517	0.206	ug/l	92

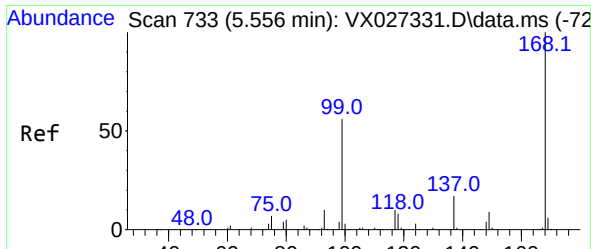
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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FB030922

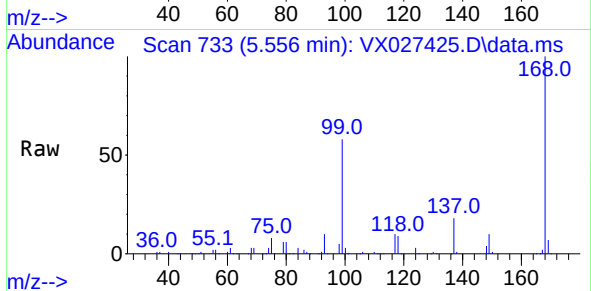
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
Quant Title : SW846 8260
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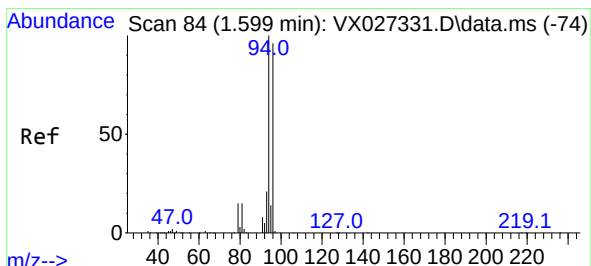
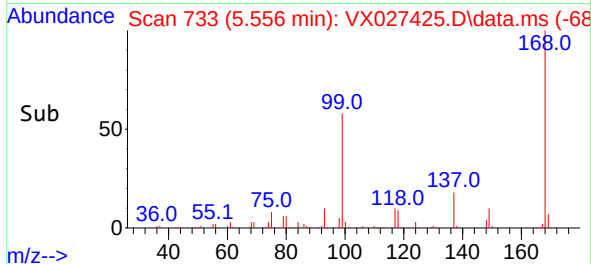
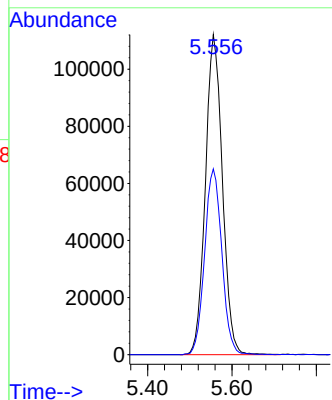


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027425.D
Acq: 14 Mar 2022 16:47

Instrument :
MSVOA_X
ClientSampleId :
FB030922

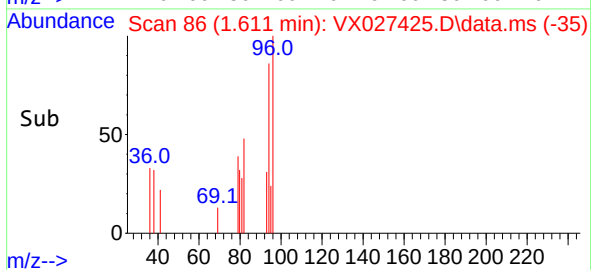
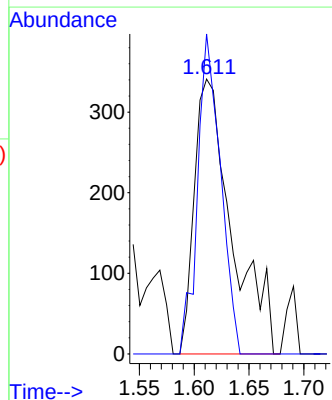
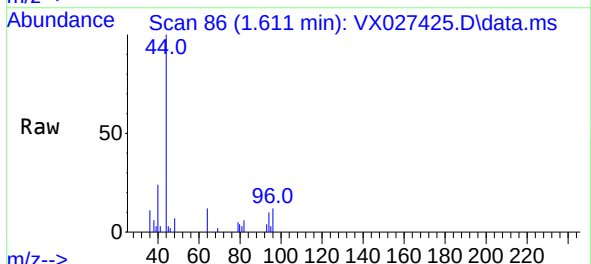


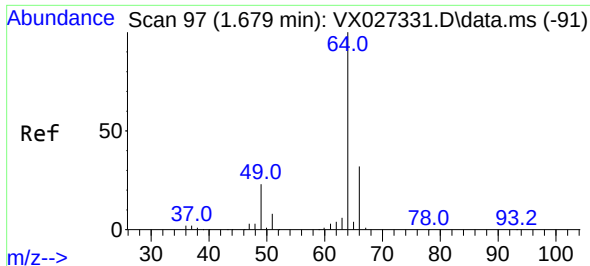
Tgt Ion:168 Resp: 314547
Ion Ratio Lower Upper
168 100
99 58.1 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX027425.D
Acq: 14 Mar 2022 16:47

Tgt Ion: 94 Resp: 814
Ion Ratio Lower Upper
94 100
96 116.4 75.3 112.9#

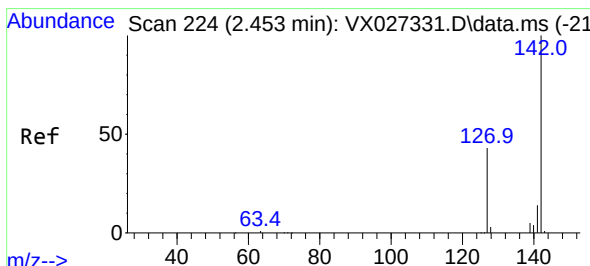
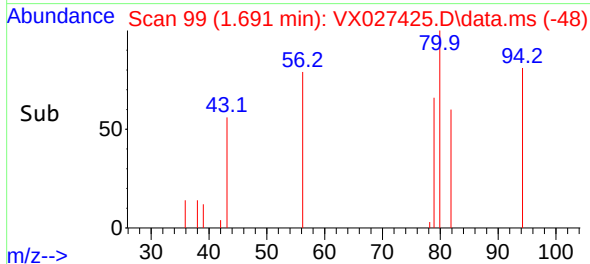
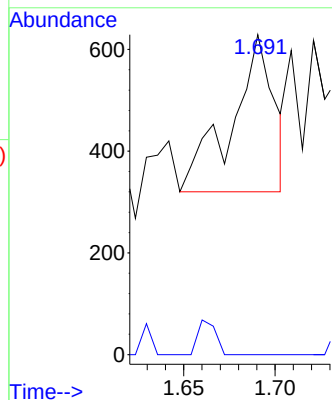
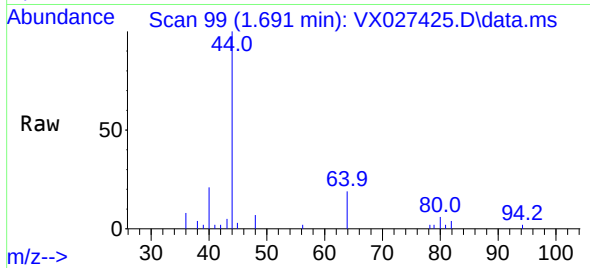




#6
Chloroethane
Concen: 0.675 ug/l
RT: 1.691 min Scan# 91
Delta R.T. 0.012 min
Lab File: VX027425.D
Acq: 14 Mar 2022 16:47

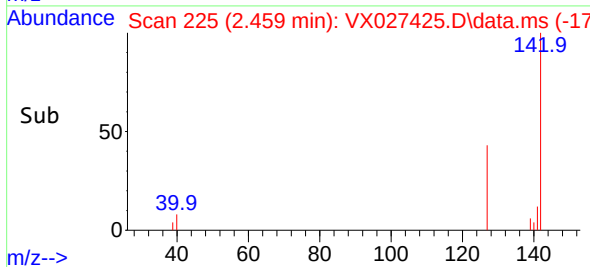
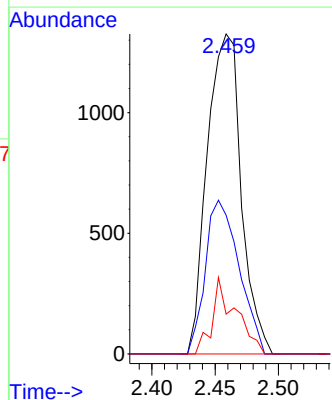
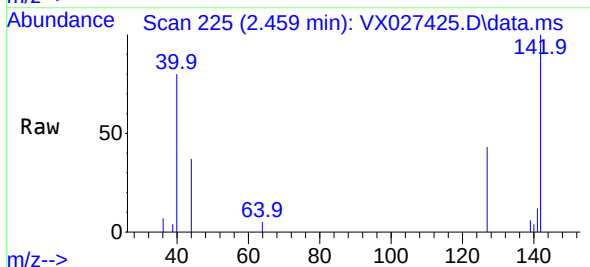
Instrument :
MSVOA_X
ClientSampleId :
FB030922

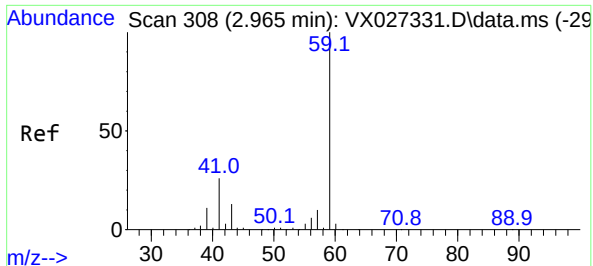
Tgt Ion: 64 Resp: 498
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#10
Methyl Iodide
Concen: 0.554 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX027425.D
Acq: 14 Mar 2022 16:47

Tgt Ion: 142 Resp: 2480
Ion Ratio Lower Upper
142 100
127 47.7 33.9 50.9
141 16.5 11.4 17.2





#11

Tert butyl alcohol

Concen: 2.048 ug/l

RT: 2.946 min Scan# 308

Delta R.T. -0.019 min

Lab File: VX027425.D

Acq: 14 Mar 2022 16:47

Instrument :

MSVOA_X

ClientSampleId :

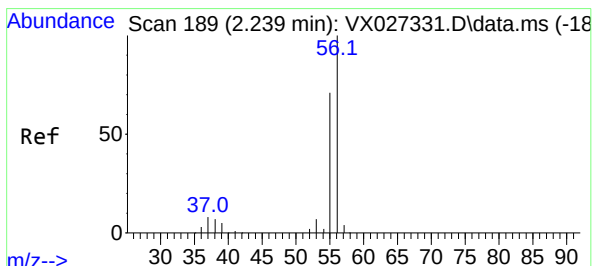
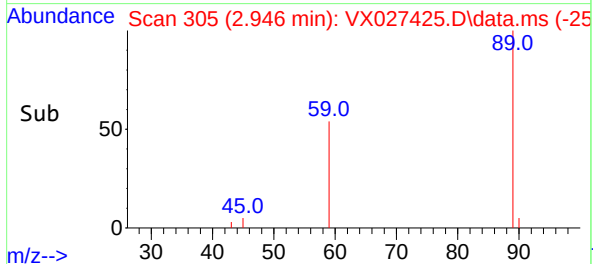
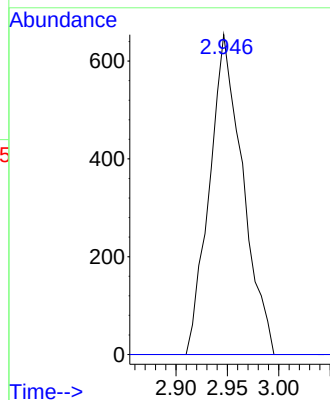
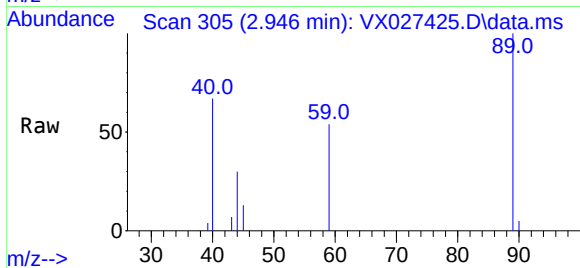
FB030922

Tgt Ion: 59 Resp: 1473

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#13

Acrolein

Concen: 0.226 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX027425.D

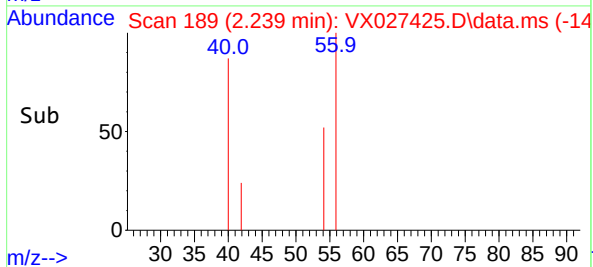
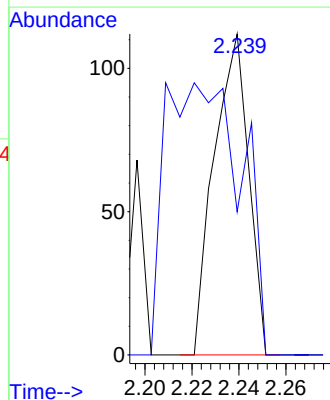
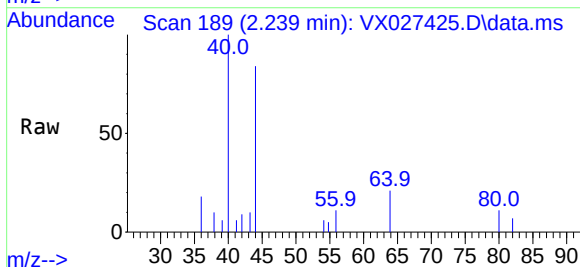
Acq: 14 Mar 2022 16:47

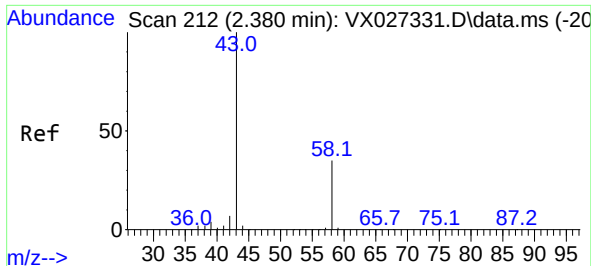
Tgt Ion: 56 Resp: 114

Ion Ratio Lower Upper

56 100

55 0.0 55.0 82.6#

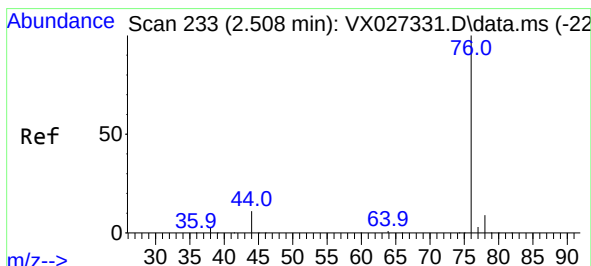
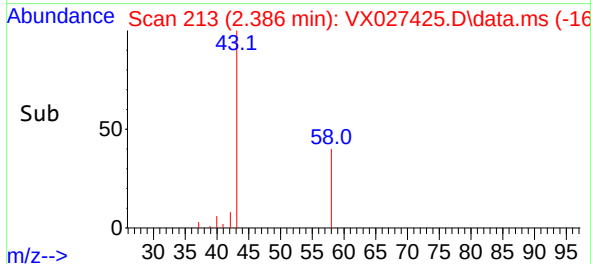
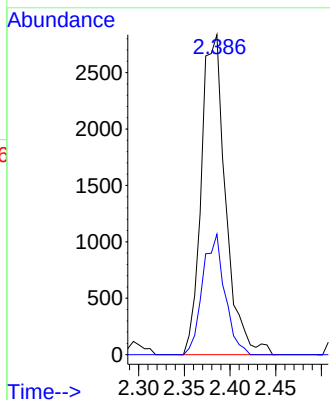
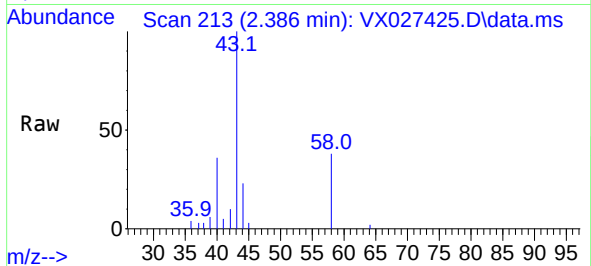




#16
Acetone
Concen: 0.793 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX027425.D
Acq: 14 Mar 2022 16:47

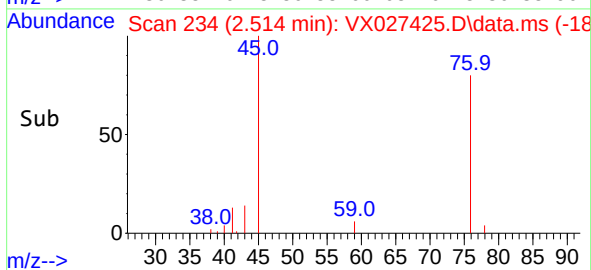
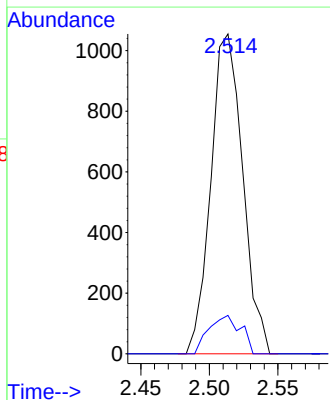
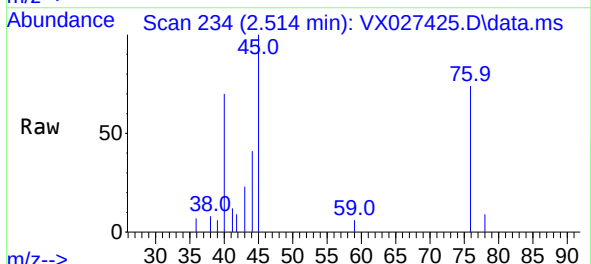
Instrument :
MSVOA_X
ClientSampleId :
FB030922

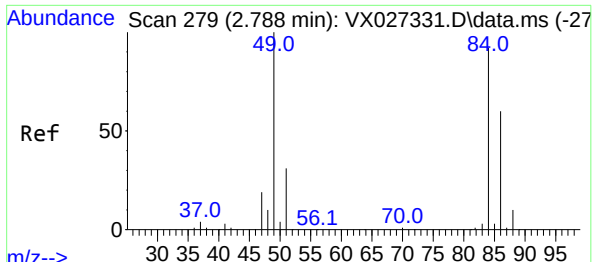
Tgt Ion: 43 Resp: 5221
Ion Ratio Lower Upper
43 100
58 37.7 28.8 43.2



#17
Carbon Disulfide
Concen: 0.206 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX027425.D
Acq: 14 Mar 2022 16:47

Tgt Ion: 76 Resp: 1707
Ion Ratio Lower Upper
76 100
78 12.0 7.2 10.8



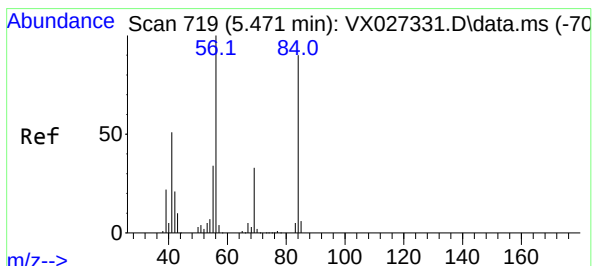
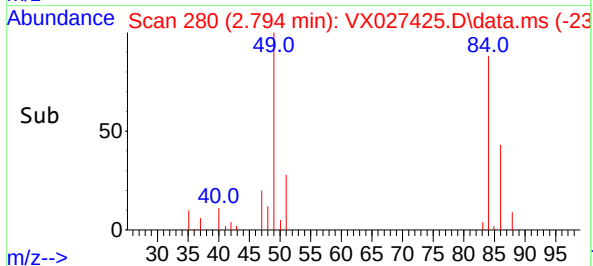
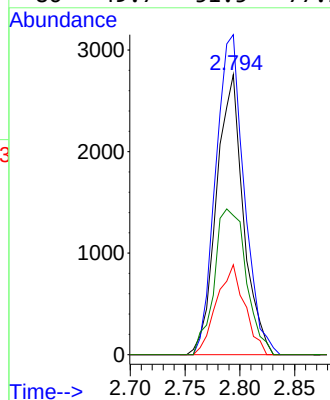
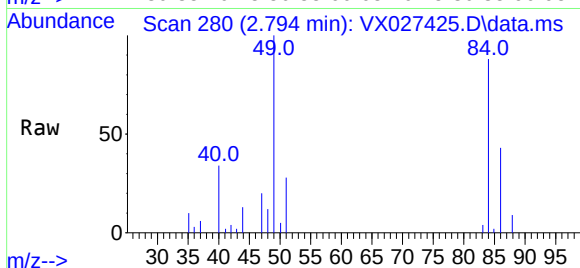


#20
Methylene Chloride
Concen: 1.312 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX027425.D
Acq: 14 Mar 2022 16:47

Instrument :
MSVOA_X
ClientSampleId :
FB030922

Tgt Ion: 84 Resp: 4702

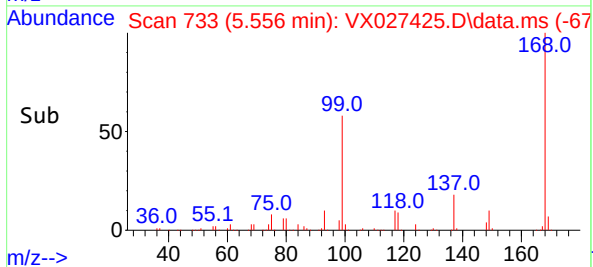
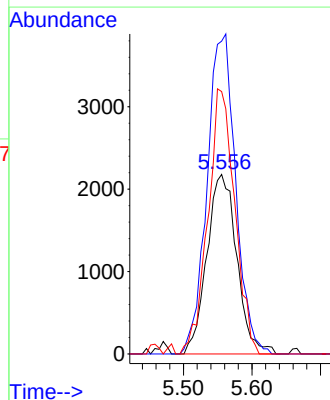
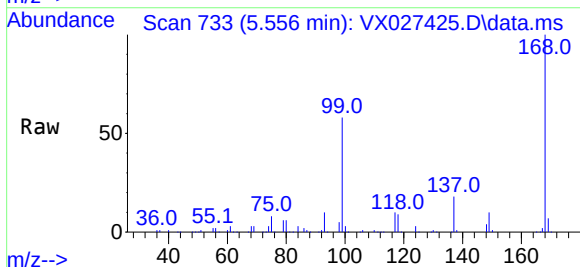
Ion	Ratio	Lower	Upper
84	100		
49	114.3	85.5	128.3
51	32.1	26.6	39.8
86	49.7	51.5	77.3

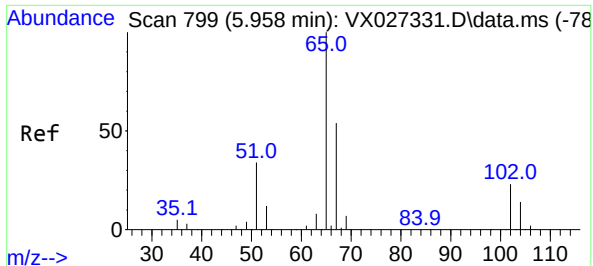


#31
Cyclohexane
Concen: 1.289 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX027425.D
Acq: 14 Mar 2022 16:47

Tgt Ion: 56 Resp: 6612

Ion	Ratio	Lower	Upper
56	100		
69	174.3	26.7	40.1
84	146.1	77.2	115.8





#33

1,2-Dichloroethane-d4

Concen: 54.774 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX027425.D

Acq: 14 Mar 2022 16:47

Instrument :

MSVOA_X

ClientSampleId :

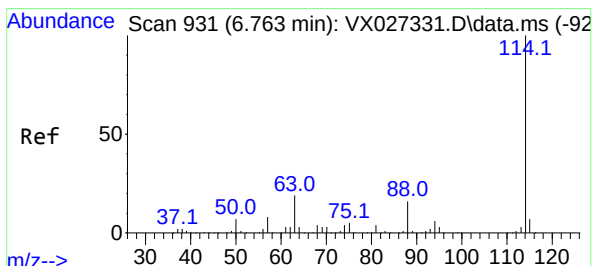
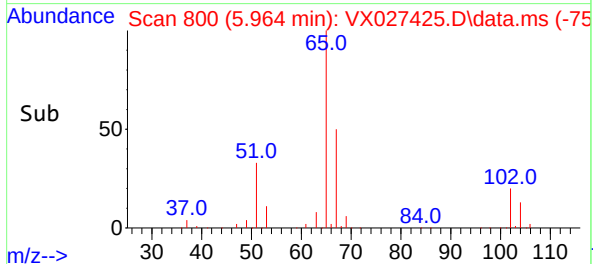
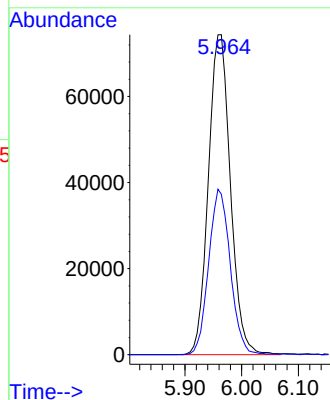
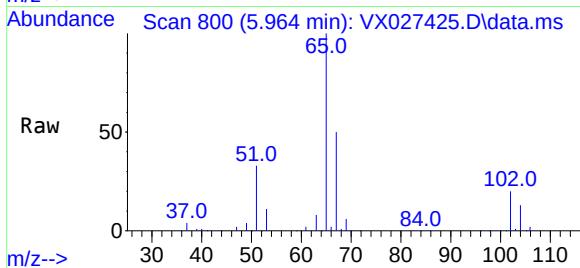
FB030922

Tgt Ion: 65 Resp: 200917

Ion Ratio Lower Upper

65 100

67 50.8 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: VX027425.D

Acq: 14 Mar 2022 16:47

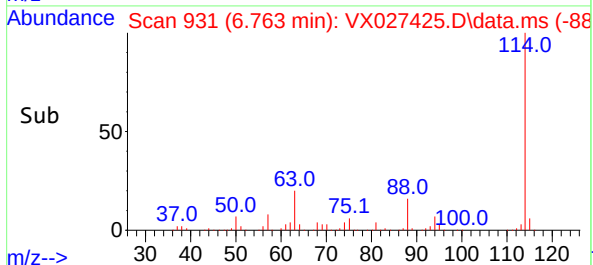
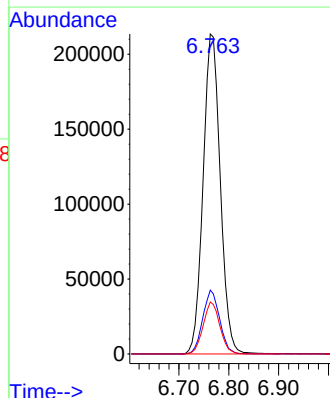
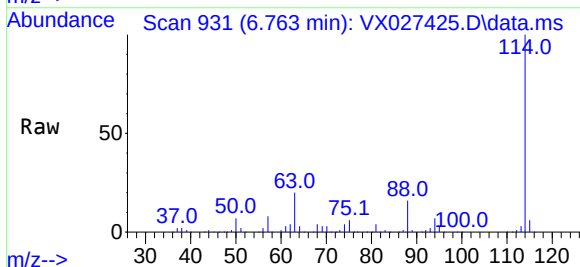
Tgt Ion: 114 Resp: 510777

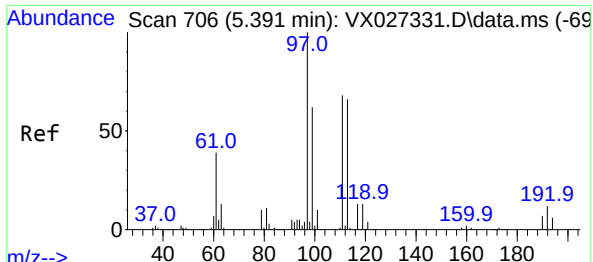
Ion Ratio Lower Upper

114 100

63 20.0 0.0 36.8

88 16.2 0.0 32.4

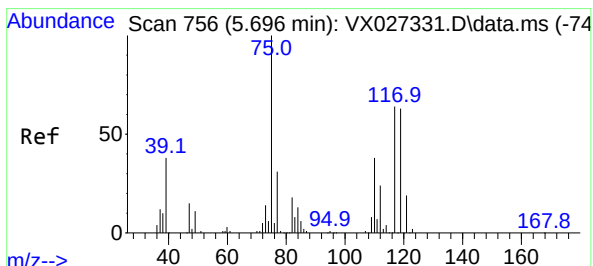
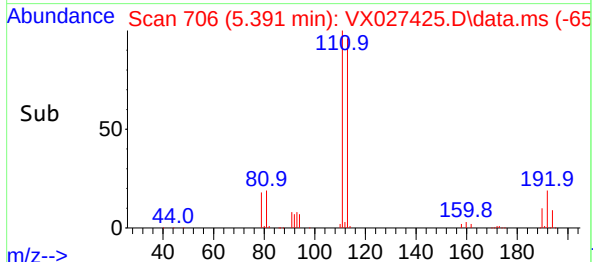
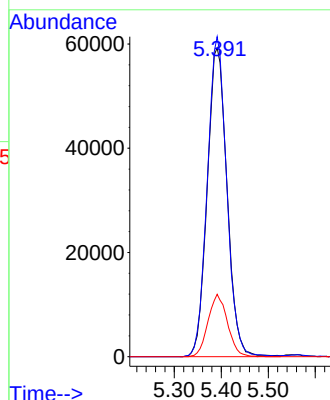
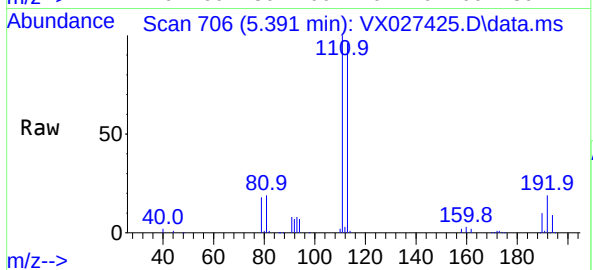




#35
Dibromofluoromethane
Concen: 52.584 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027425.D
Acq: 14 Mar 2022 16:47

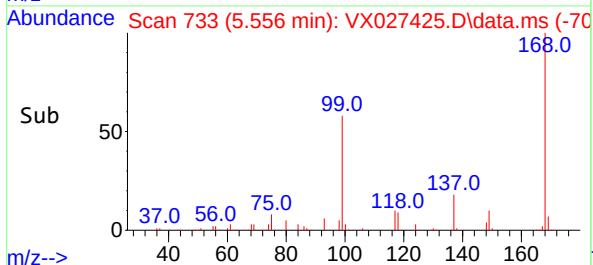
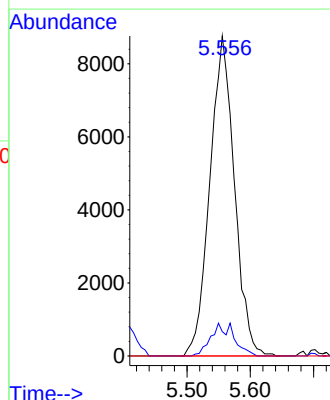
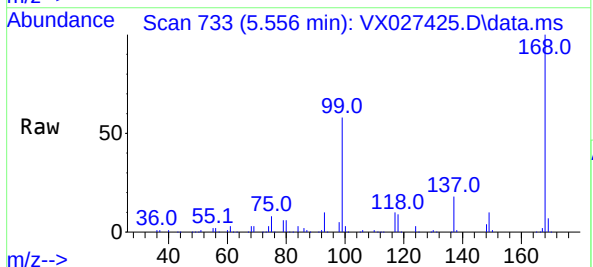
Instrument :
MSVOA_X
ClientSampleId :
FB030922

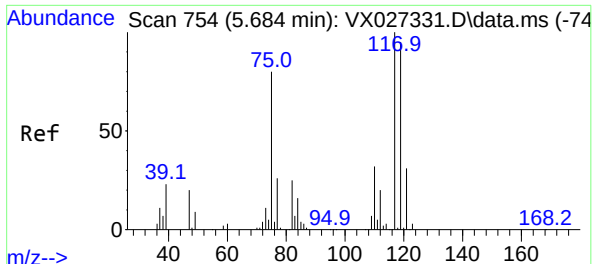
Tgt Ion:113 Resp: 173308
Ion Ratio Lower Upper
113 100
111 101.4 82.8 124.2
192 19.8 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.159 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX027425.D
Acq: 14 Mar 2022 16:47

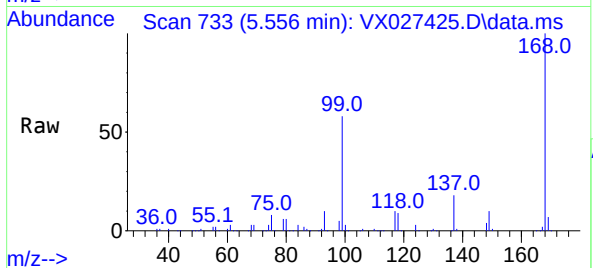
Tgt Ion: 75 Resp: 23606
Ion Ratio Lower Upper
75 100
110 9.6 18.3 54.8#
77 0.0 24.8 37.2#



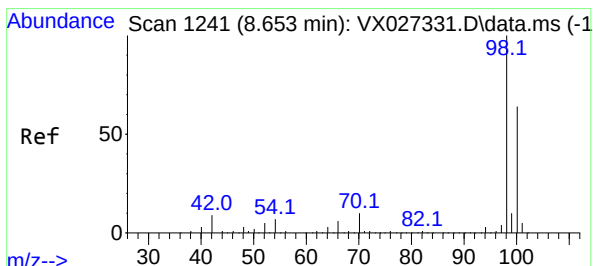
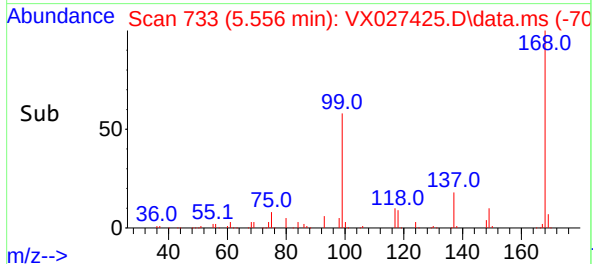
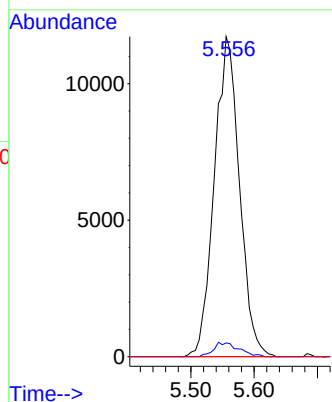


#38
Carbon Tetrachloride
Concen: 6.836 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX027425.D
Acq: 14 Mar 2022 16:47

Instrument :
MSVOA_X
ClientSampleId :
FB030922

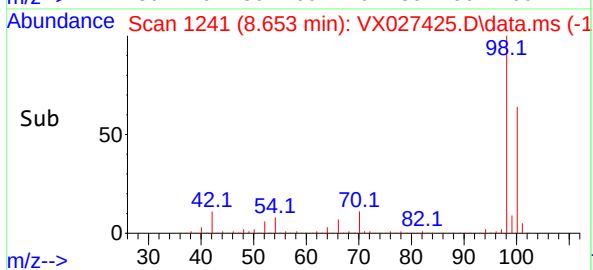
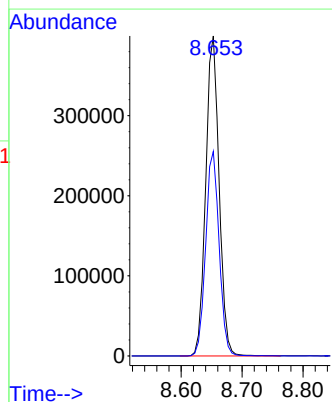
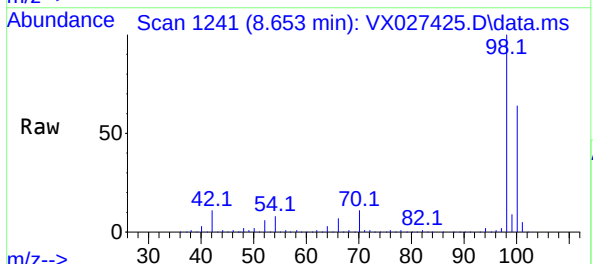


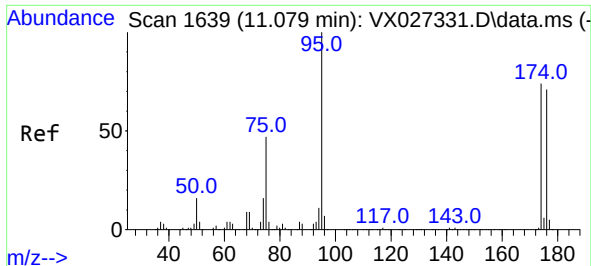
Tgt Ion:117 Resp: 32347
Ion Ratio Lower Upper
117 100
119 4.3 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 48.990 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027425.D
Acq: 14 Mar 2022 16:47

Tgt Ion: 98 Resp: 609574
Ion Ratio Lower Upper
98 100
100 64.3 52.6 78.8

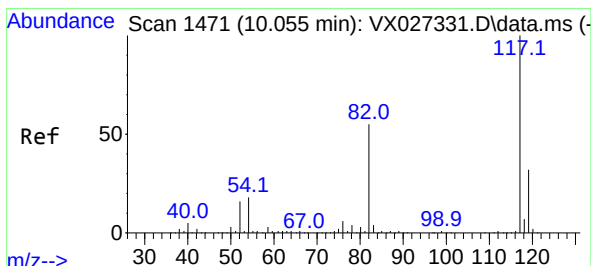
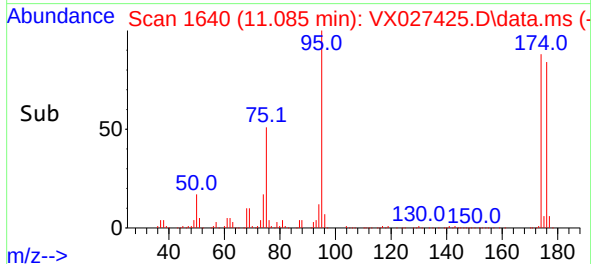
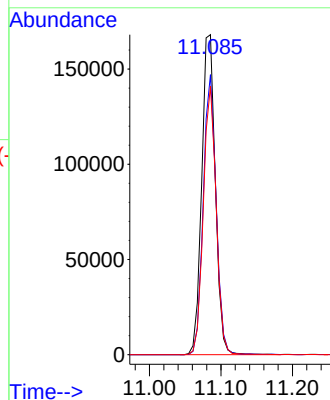
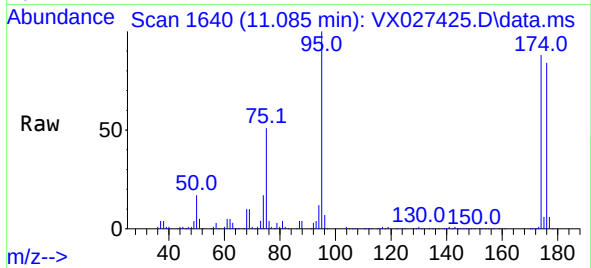




#62
4-Bromofluorobenzene
Concen: 46.909 ug/l
RT: 11.085 min Scan# 1639
Delta R.T. 0.006 min
Lab File: VX027425.D
Acq: 14 Mar 2022 16:47

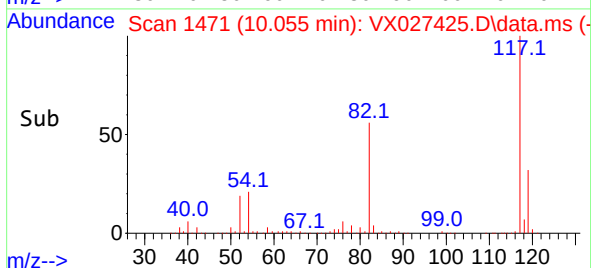
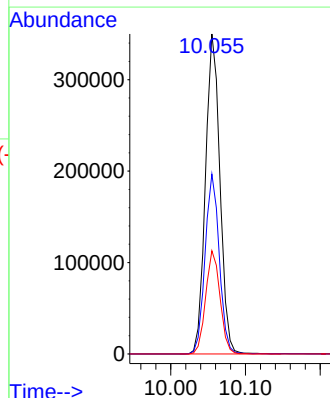
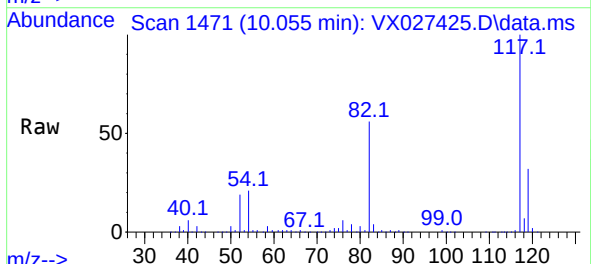
Instrument :
MSVOA_X
ClientSampleId :
FB030922

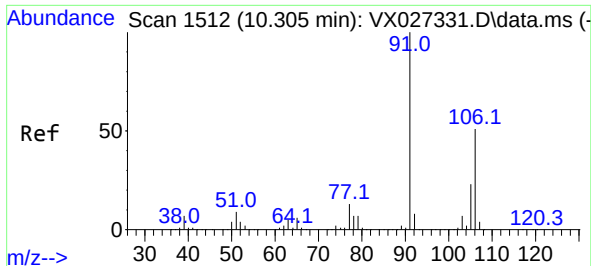
Tgt Ion: 95 Resp: 222459
Ion Ratio Lower Upper
95 100
174 82.6 0.0 163.0
176 79.3 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027425.D
Acq: 14 Mar 2022 16:47

Tgt Ion: 117 Resp: 470452
Ion Ratio Lower Upper
117 100
82 56.2 41.8 62.8
119 32.2 24.8 37.2

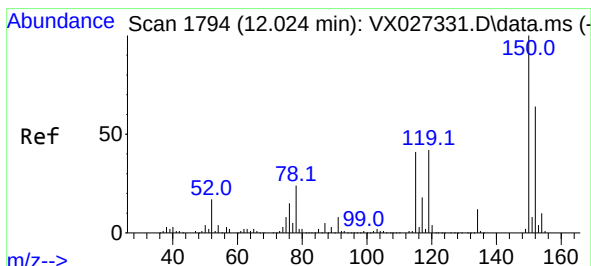
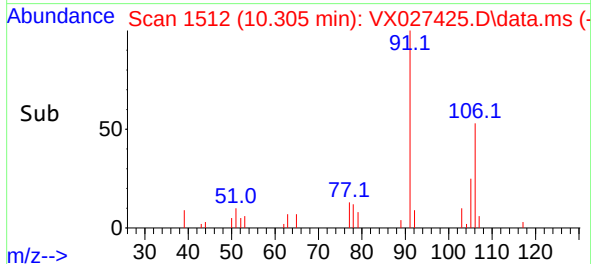
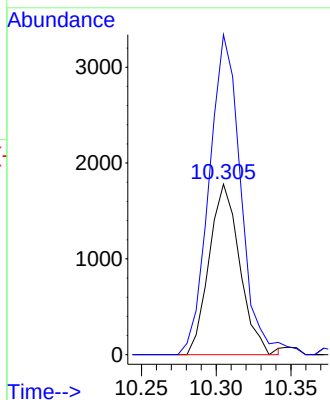
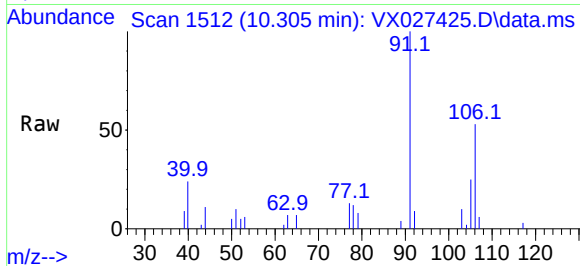




#68
m/p-Xylenes
Concen: 0.380 ug/l
RT: 10.305 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027425.D
Acq: 14 Mar 2022 16:47

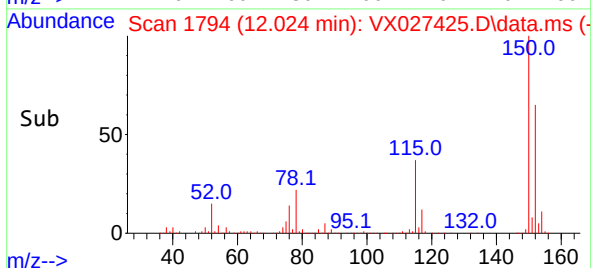
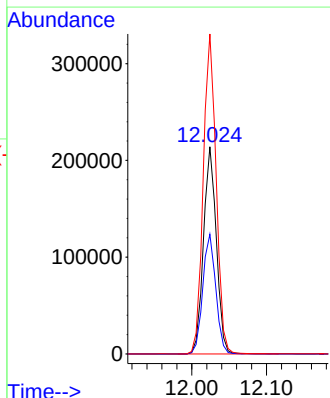
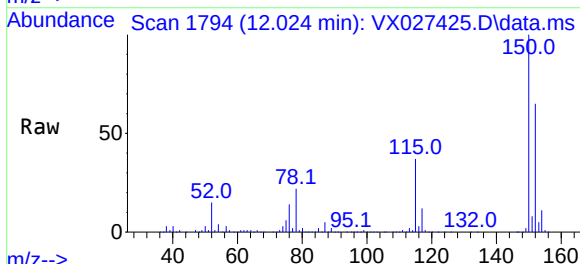
Instrument :
MSVOA_X
ClientSampleId :
FB030922

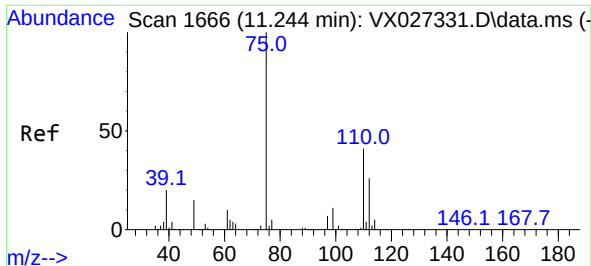
Tgt Ion:106 Resp: 2542
Ion Ratio Lower Upper
106 100
91 194.0 160.4 240.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027425.D
Acq: 14 Mar 2022 16:47

Tgt Ion:152 Resp: 255567
Ion Ratio Lower Upper
152 100
115 58.6 37.5 112.7
150 155.1 0.0 338.2

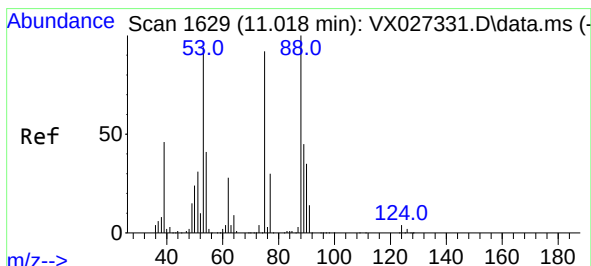
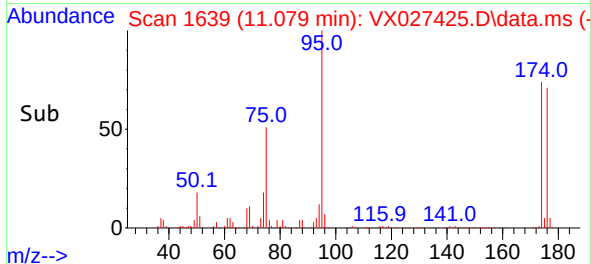
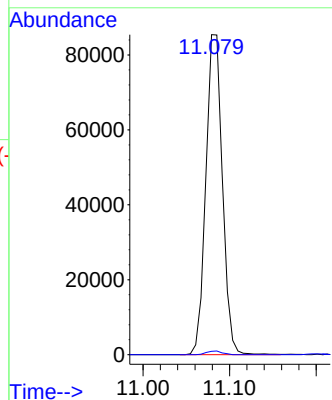
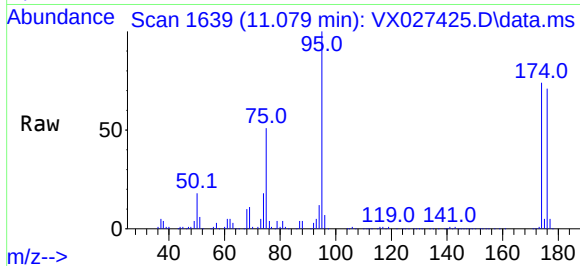




#76
1,2,3-Trichloropropane
Concen: 20.263 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027425.D
Acq: 14 Mar 2022 16:47

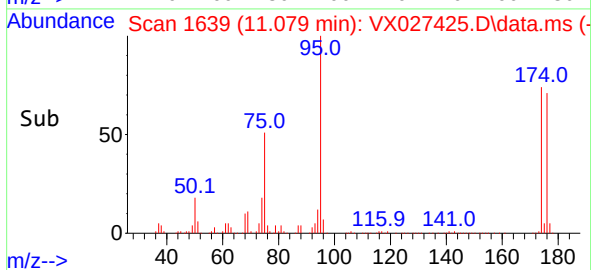
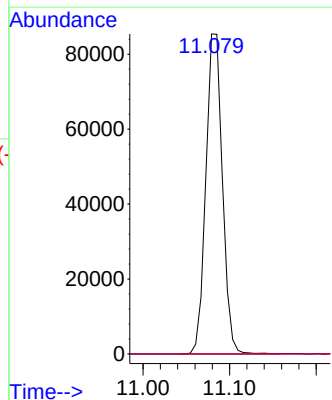
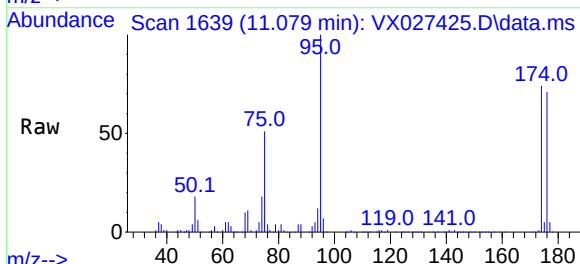
Instrument :
MSVOA_X
ClientSampleId :
FB030922

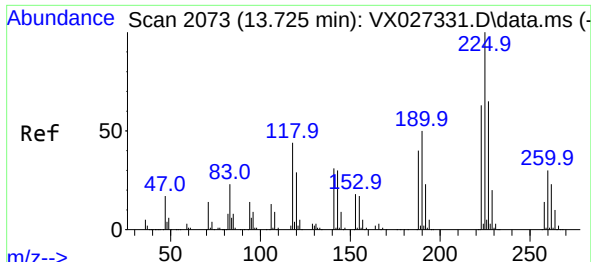
Tgt Ion: 75 Resp: 113619
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.533 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027425.D
Acq: 14 Mar 2022 16:47

Tgt Ion: 75 Resp: 113619
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#





#94

Hexachlorobutadiene

Concen: 0.206 ug/l

RT: 13.725 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX027425.D

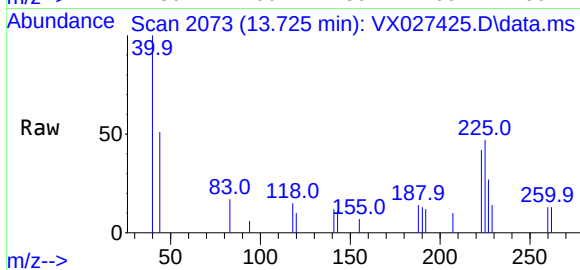
Acq: 14 Mar 2022 16:47

Instrument :

MSVOA_X

ClientSampleId :

FB030922



Tgt Ion:225 Resp: 517

Ion Ratio Lower Upper

225 100

223 80.9 34.2 102.5

227 67.7 33.9 101.7

