

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031822\
 Data File : VX027540.D
 Acq On : 18 Mar 2022 20:03
 Operator : JC/MD
 Sample : N1998-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 19 03:10:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

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

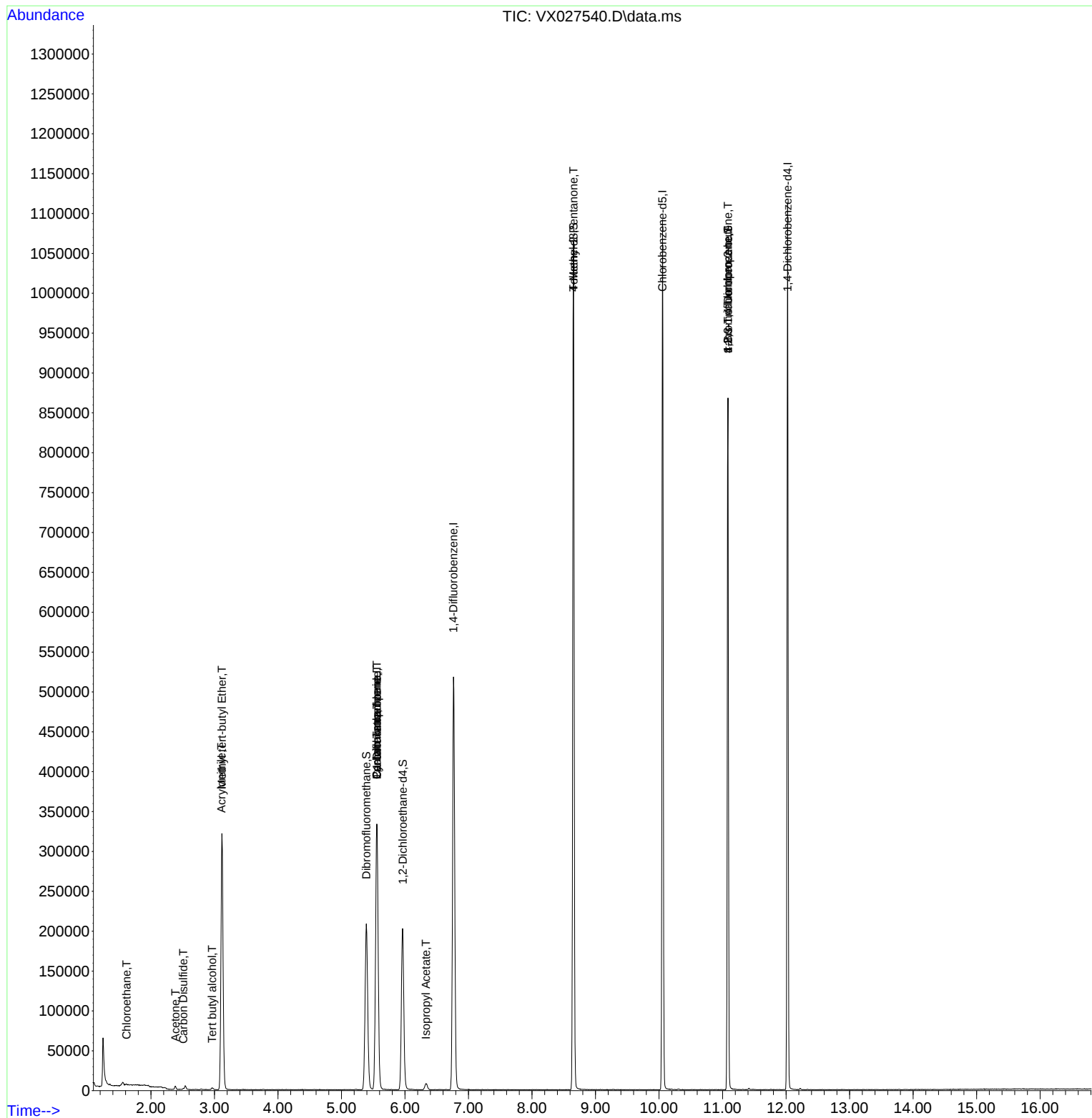
Internal Standards						
1) Pentafluorobenzene	5.556	168	330855	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	553507	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	508876	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	231822	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	202174	49.603	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.200%
35) Dibromofluoromethane	5.391	113	182169	51.154	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.300%
50) Toluene-d8	8.653	98	651388	48.337	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.680%
62) 4-Bromofluorobenzene	11.085	95	235670	47.580	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.160%
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	616	Below Cal	#	49
6) Chloroethane	1.618	64	3855	1.929	ug/l #	59
11) Tert butyl alcohol	2.965	59	2494	3.211	ug/l #	72
15) Acrylonitrile	3.111	53	4208	2.383	ug/l #	31
16) Acetone	2.386	43	3989	2.401	ug/l	95
17) Carbon Disulfide	2.508	76	1575	0.201	ug/l #	86
19) Methyl tert-butyl Ether	3.117	73	368262	35.528	ug/l	100
31) Cyclohexane	5.556	56	5628	1.112	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	23066	4.740	ug/l #	50
38) Carbon Tetrachloride	5.556	117	32604	5.856	ug/l #	16
43) Isopropyl Acetate	6.330	43	2648	0.339	ug/l #	11
51) 4-Methyl-2-Pentanone	8.653	43	2438	0.489	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	114461	23.605	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	114461	71.690	ug/l #	15

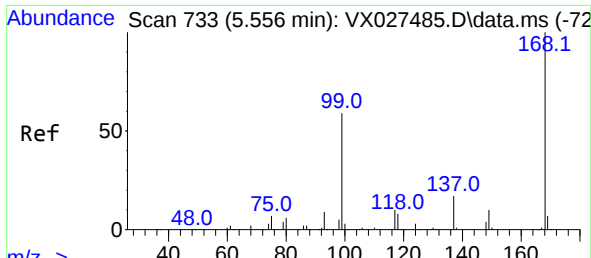
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031822\
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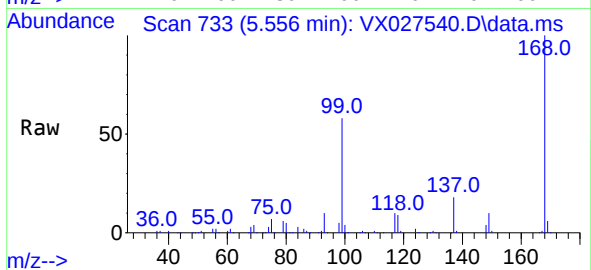
Quant Time: Mar 19 03:10:10 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 17 15:02:59 2022
Response via : Initial Calibration



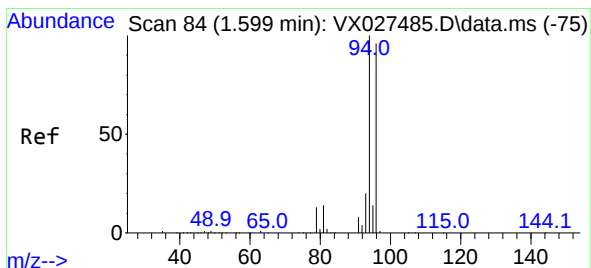
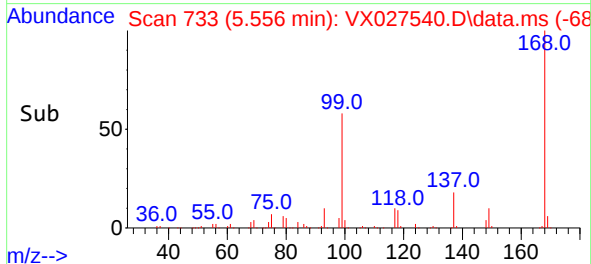
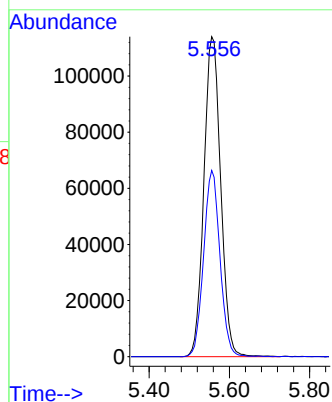


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027540.D
Acq: 18 Mar 2022 20:03

Instrument :
MSVOA_X
ClientSampleId :

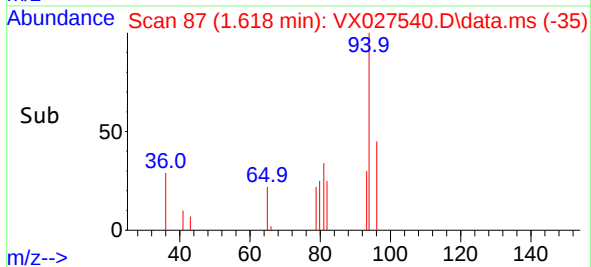
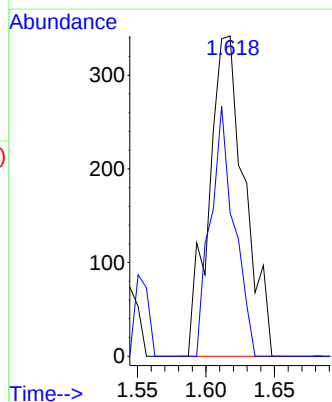
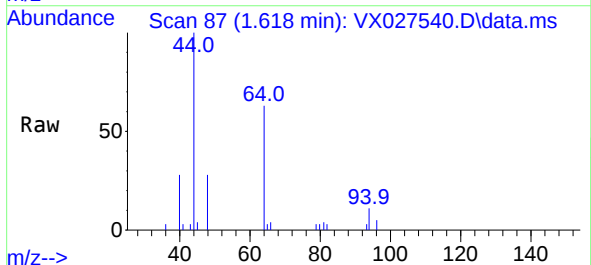


Tgt Ion:168 Resp: 330855
Ion Ratio Lower Upper
168 100
99 58.2 41.7 62.5

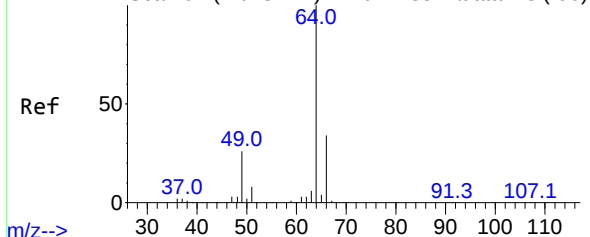


#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX027540.D
Acq: 18 Mar 2022 20:03

Tgt Ion: 94 Resp: 616
Ion Ratio Lower Upper
94 100
96 44.7 75.3 112.9#



Abundance Scan 97 (1.678 min): VX027485.D\data.ms (-90)

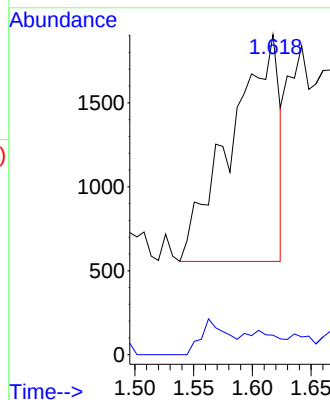
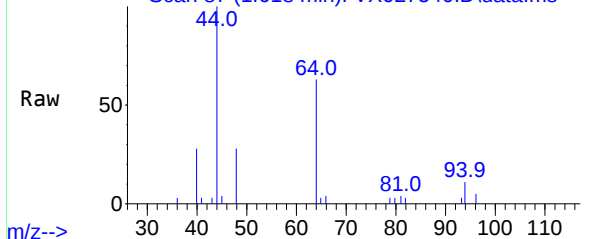


#6
Chloroethane
Concen: 1.929 ug/l
RT: 1.618 min Scan# 81
Delta R.T. -0.061 min
Lab File: VX027540.D
Acq: 18 Mar 2022 20:03

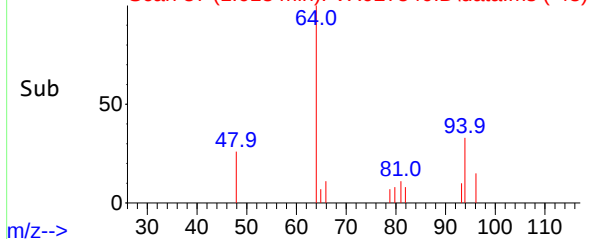
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 64 Resp: 3855
Ion Ratio Lower Upper
64 100
66 8.6 25.3 37.9#

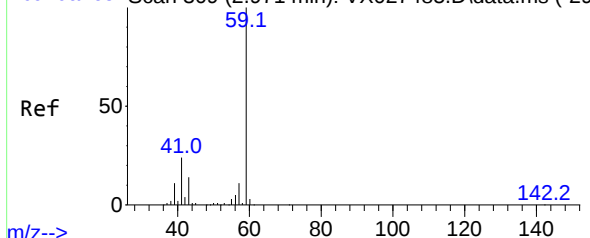
Abundance Scan 87 (1.618 min): VX027540.D\data.ms



Abundance Scan 87 (1.618 min): VX027540.D\data.ms (-48)



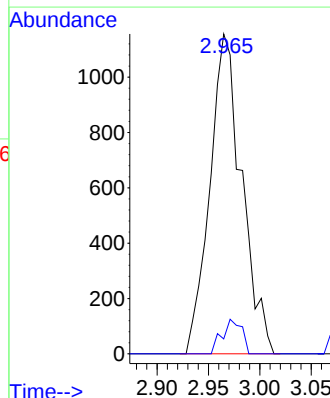
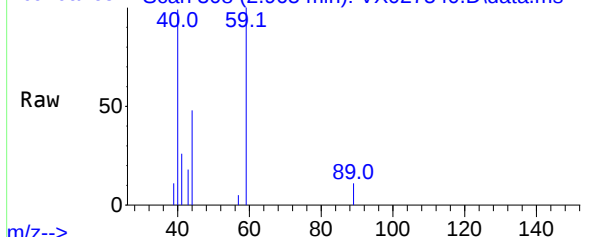
Abundance Scan 309 (2.971 min): VX027485.D\data.ms (-29)



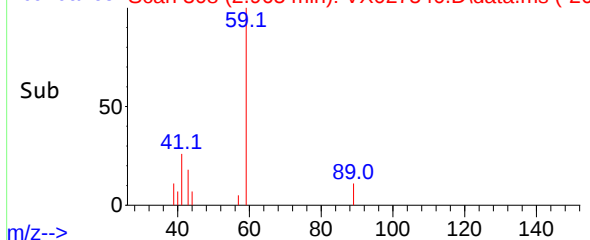
#11
Tert butyl alcohol
Concen: 3.211 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.006 min
Lab File: VX027540.D
Acq: 18 Mar 2022 20:03

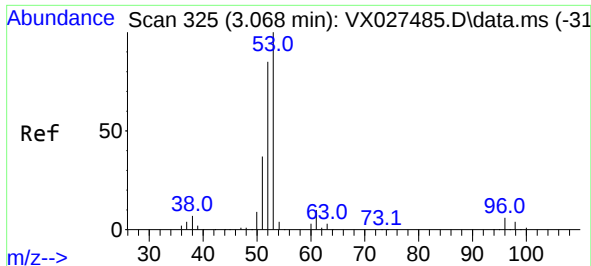
Tgt Ion: 59 Resp: 2494
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

Abundance Scan 308 (2.965 min): VX027540.D\data.ms



Abundance Scan 308 (2.965 min): VX027540.D\data.ms (-26)

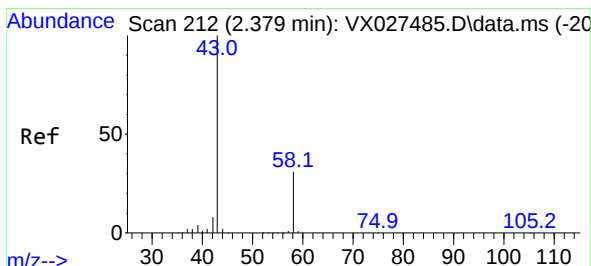
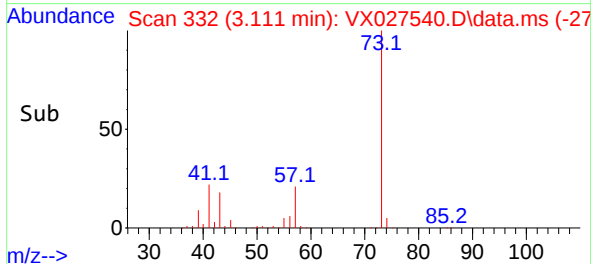
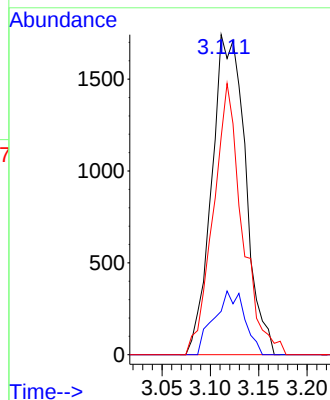
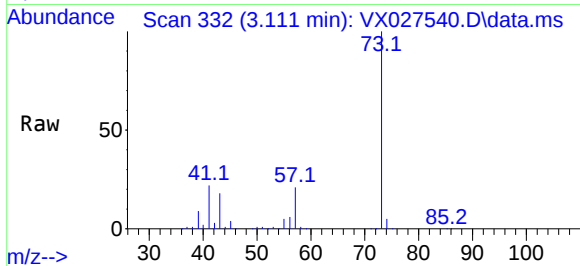




#15
Acrylonitrile
Concen: 2.383 ug/l
RT: 3.111 min Scan# 31
Delta R.T. 0.043 min
Lab File: VX027540.D
Acq: 18 Mar 2022 20:03

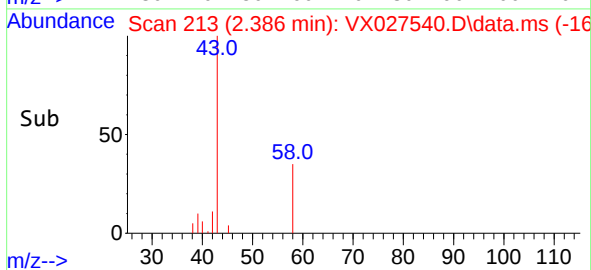
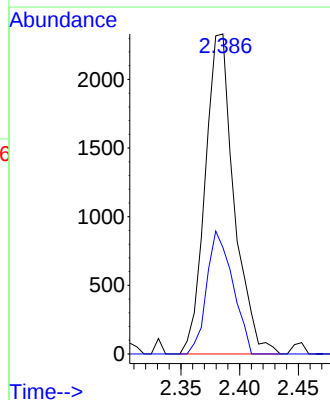
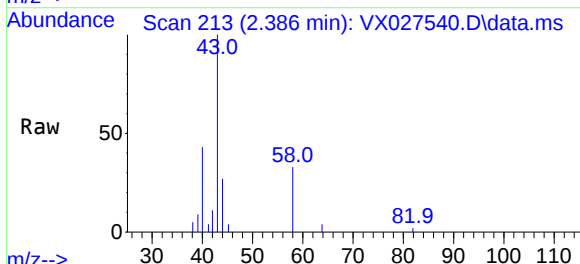
Instrument :
MSVOA_X
ClientSampleId :

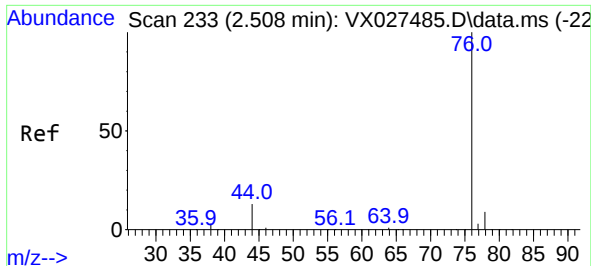
Tgt Ion: 53 Resp: 4208
Ion Ratio Lower Upper
53 100
52 18.1 65.7 98.5#
51 73.2 28.4 42.6#



#16
Acetone
Concen: 2.401 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX027540.D
Acq: 18 Mar 2022 20:03

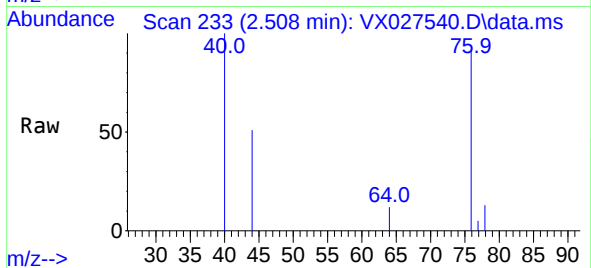
Tgt Ion: 43 Resp: 3989
Ion Ratio Lower Upper
43 100
58 33.2 28.8 43.2



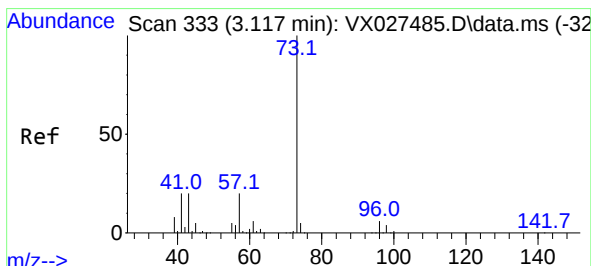
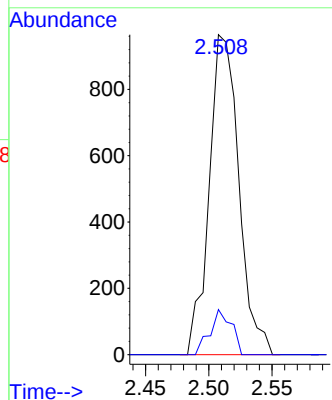
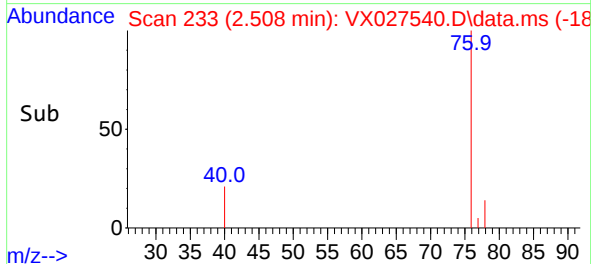


#17
Carbon Disulfide
Concen: 0.201 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX027540.D
Acq: 18 Mar 2022 20:03

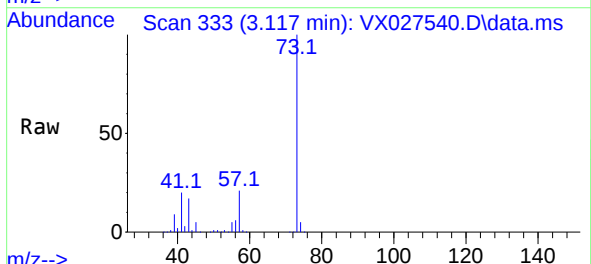
Instrument :
MSVOA_X
ClientSampleId :



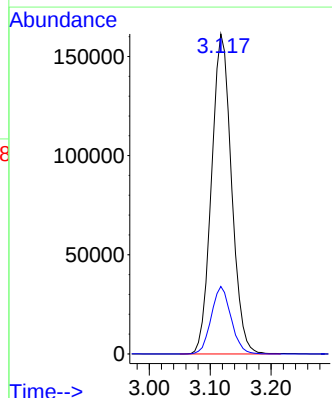
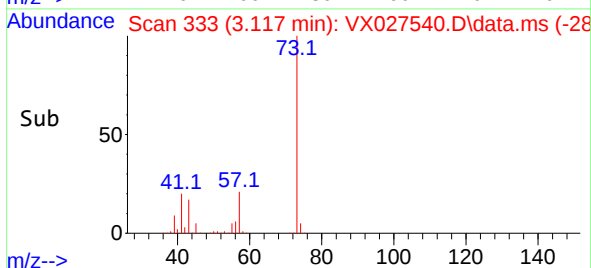
Tgt Ion: 76 Resp: 1575
Ion Ratio Lower Upper
76 100
78 14.1 7.2 10.8#

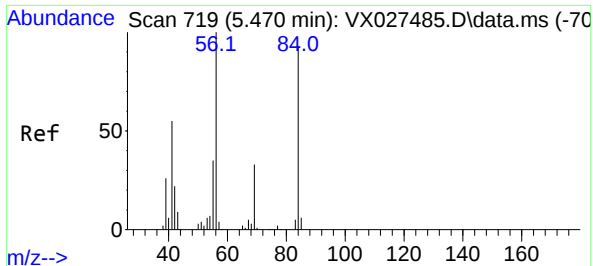


#19
Methyl tert-butyl Ether
Concen: 35.528 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX027540.D
Acq: 18 Mar 2022 20:03



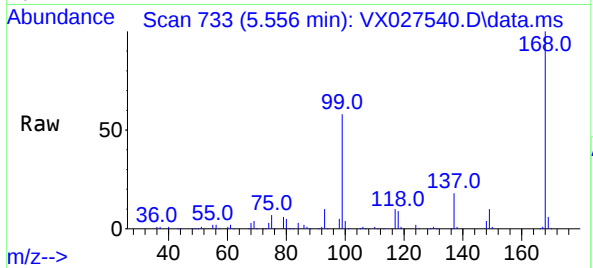
Tgt Ion: 73 Resp: 368262
Ion Ratio Lower Upper
73 100
57 21.1 16.8 25.2



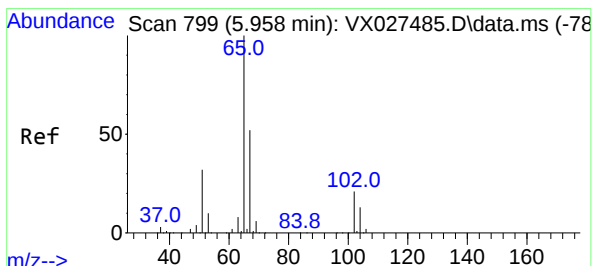
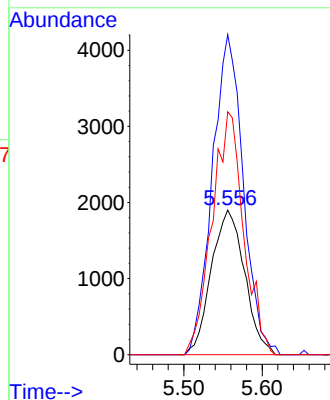
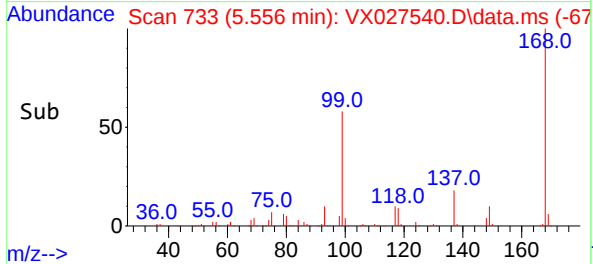


#31
Cyclohexane
Concen: 1.112 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX027540.D
Acq: 18 Mar 2022 20:03

Instrument :
MSVOA_X
ClientSampleId :

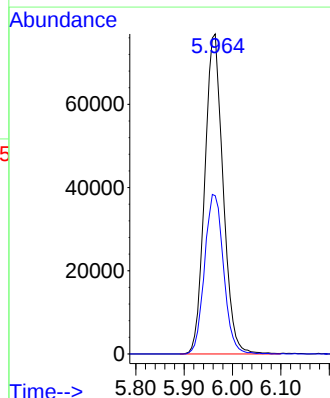
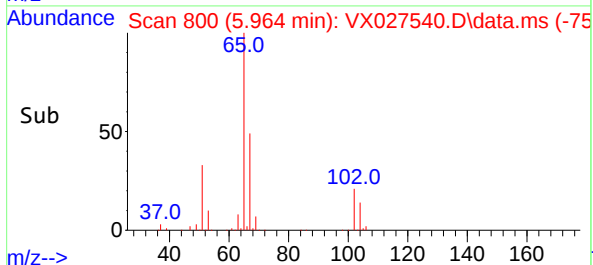
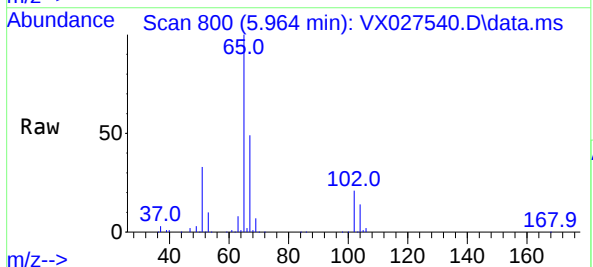


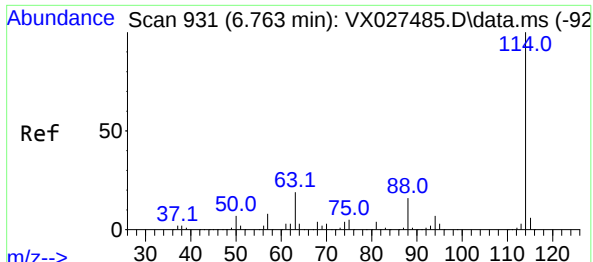
Tgt Ion: 56 Resp: 5628
Ion Ratio Lower Upper
56 100
69 221.3 26.7 40.1#
84 168.0 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 49.603 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX027540.D
Acq: 18 Mar 2022 20:03

Tgt Ion: 65 Resp: 202174
Ion Ratio Lower Upper
65 100
67 51.8 0.0 107.4

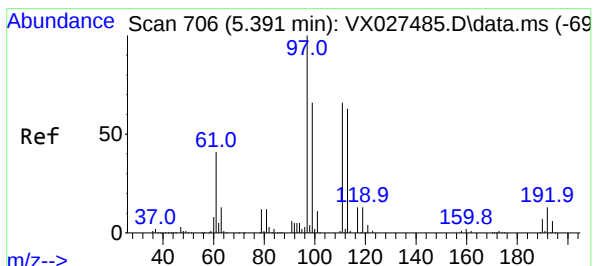
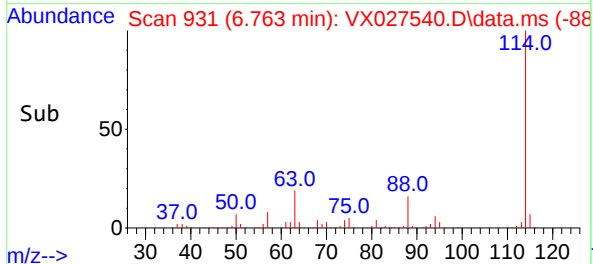
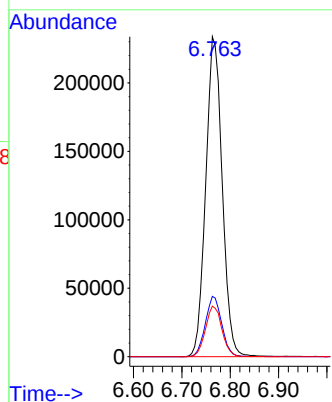
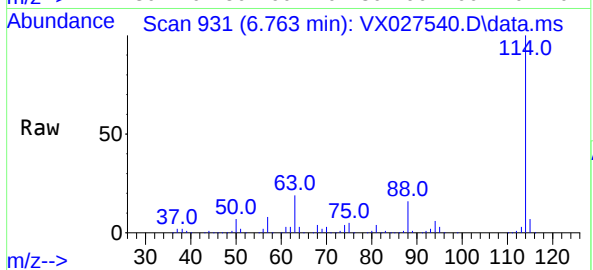




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX027540.D
Acq: 18 Mar 2022 20:03

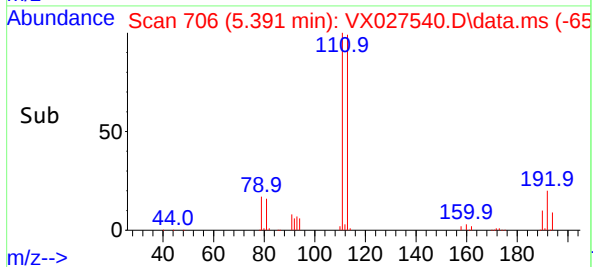
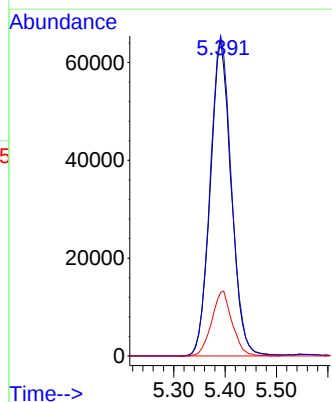
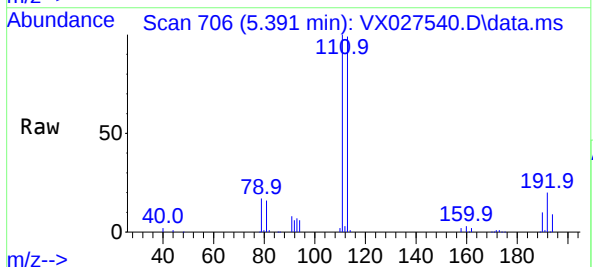
Instrument :
MSVOA_X
ClientSampleId :

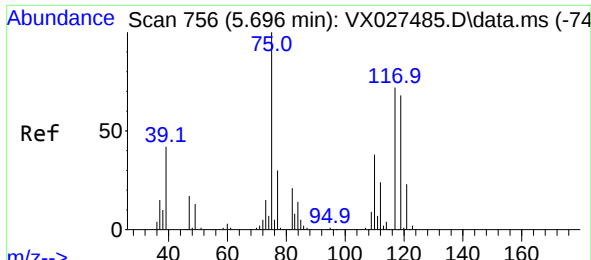
Tgt Ion:114 Resp: 553507
Ion Ratio Lower Upper
114 100
63 18.9 0.0 36.8
88 15.8 0.0 32.4



#35
Dibromofluoromethane
Concen: 51.154 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027540.D
Acq: 18 Mar 2022 20:03

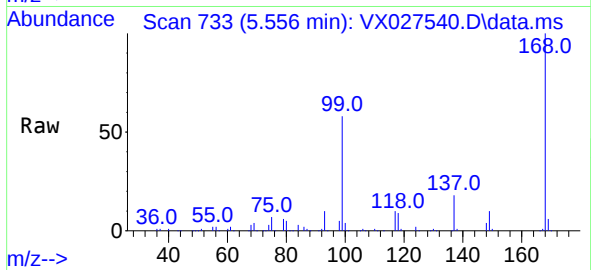
Tgt Ion:113 Resp: 182169
Ion Ratio Lower Upper
113 100
111 103.0 82.8 124.2
192 20.1 16.9 25.3



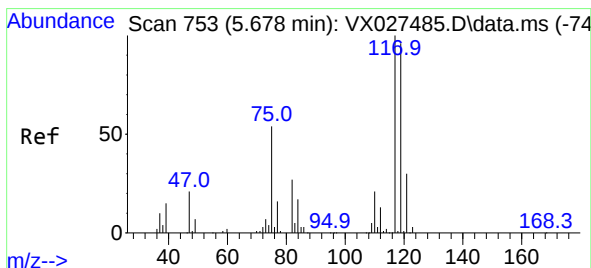
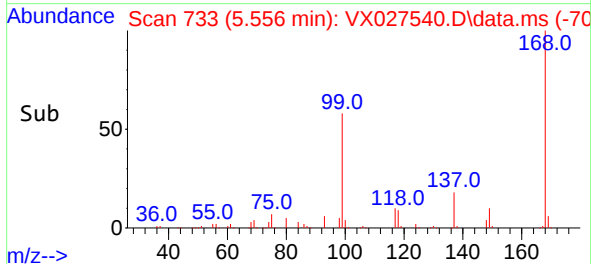
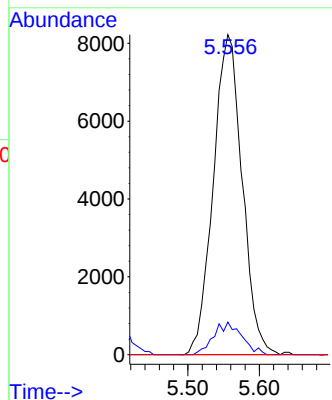


#36
1,1-Dichloropropene
Concen: 4.740 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX027540.D
Acq: 18 Mar 2022 20:03

Instrument :
MSVOA_X
ClientSampleId :

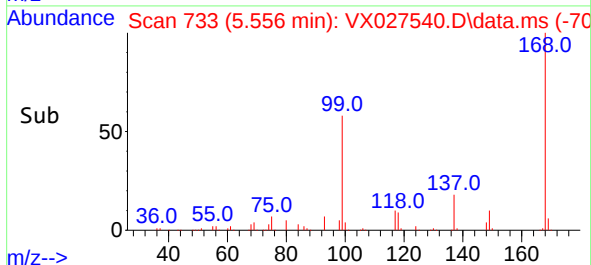
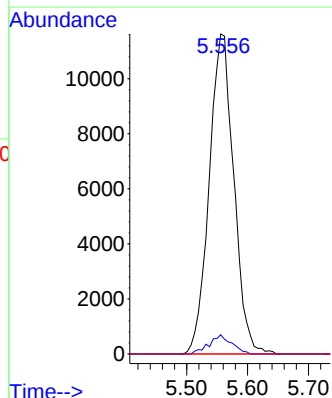
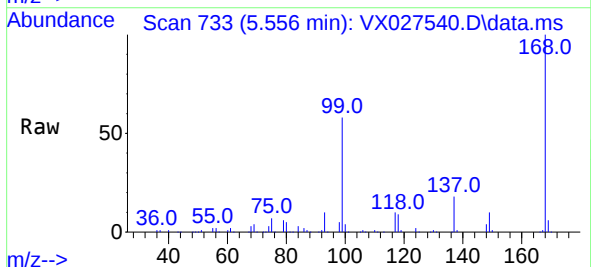


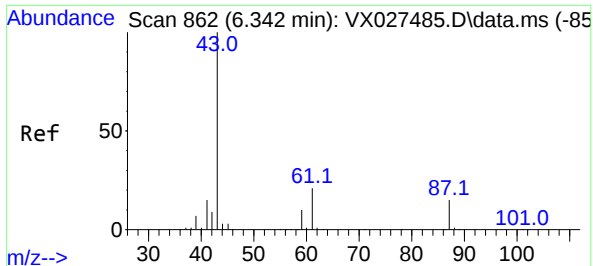
Tgt Ion: 75 Resp: 23066
Ion Ratio Lower Upper
75 100
110 9.9 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.856 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX027540.D
Acq: 18 Mar 2022 20:03

Tgt Ion: 117 Resp: 32604
Ion Ratio Lower Upper
117 100
119 6.0 77.3 115.9#
121 0.0 24.2 36.2#





#43

Isopropyl Acetate

Concen: 0.339 ug/l

RT: 6.330 min Scan# 860

Delta R.T. -0.012 min

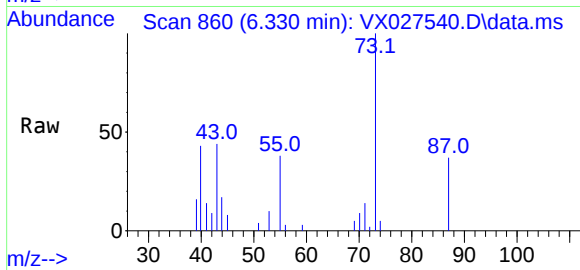
Lab File: VX027540.D

Acq: 18 Mar 2022 20:03

Instrument :

MSVOA_X

ClientSampleId :



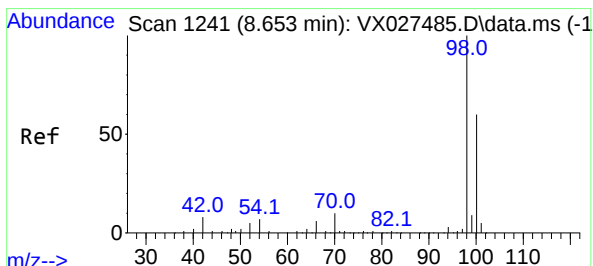
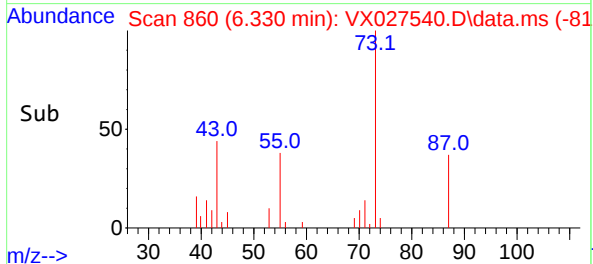
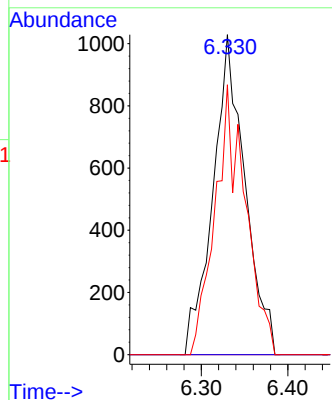
Tgt Ion: 43 Resp: 2648

Ion Ratio Lower Upper

43 100

61 0.0 18.5 27.7#

87 79.6 13.0 19.6#



#50

Toluene-d8

Concen: 48.337 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX027540.D

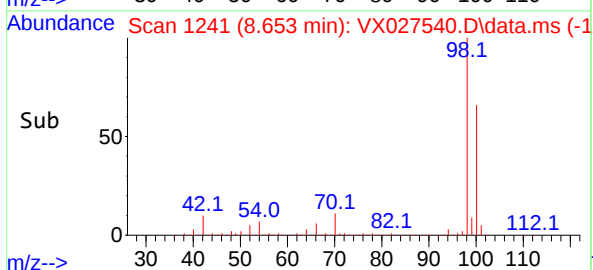
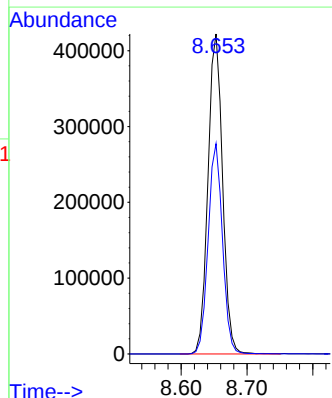
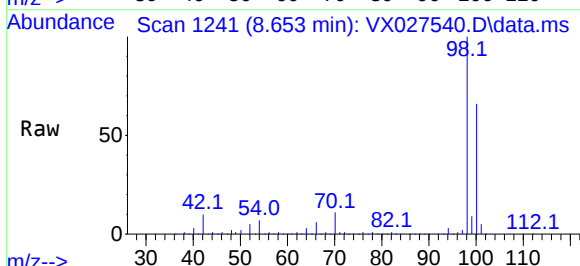
Acq: 18 Mar 2022 20:03

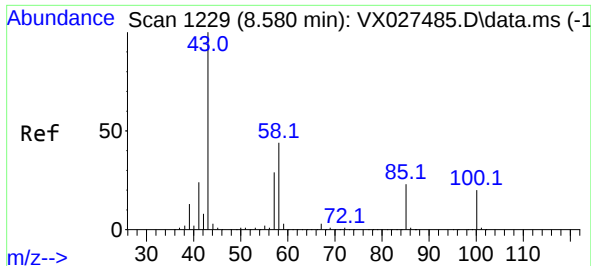
Tgt Ion: 98 Resp: 651388

Ion Ratio Lower Upper

98 100

100 64.5 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 0.489 ug/l

RT: 8.653 min Scan# 1

Delta R.T. 0.073 min

Lab File: VX027540.D

Acq: 18 Mar 2022 20:03

Instrument :

MSVOA_X

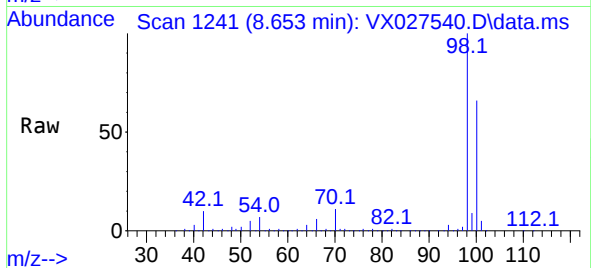
ClientSampleId :

Tgt Ion: 43 Resp: 2438

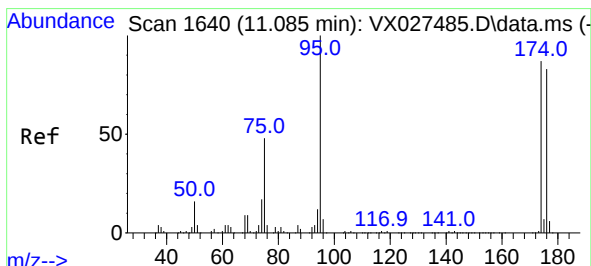
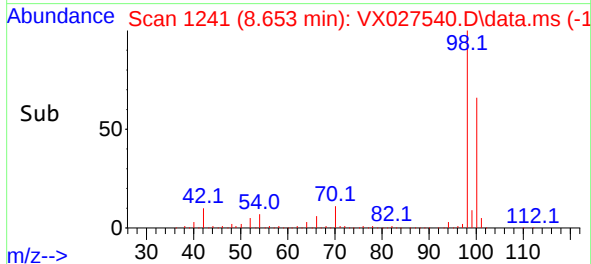
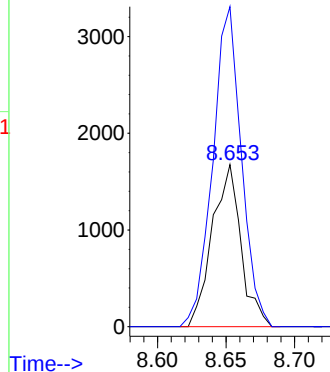
Ion Ratio Lower Upper

43 100

58 197.3 36.1 54.1#



Abundance



#62

4-Bromofluorobenzene

Concen: 47.580 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX027540.D

Acq: 18 Mar 2022 20:03

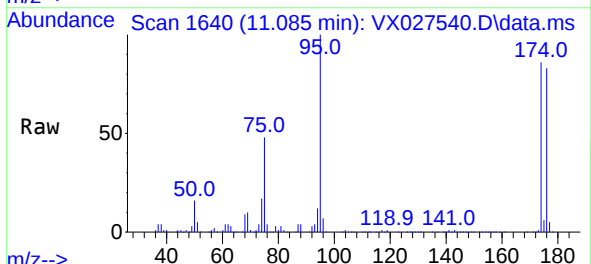
Tgt Ion: 95 Resp: 235670

Ion Ratio Lower Upper

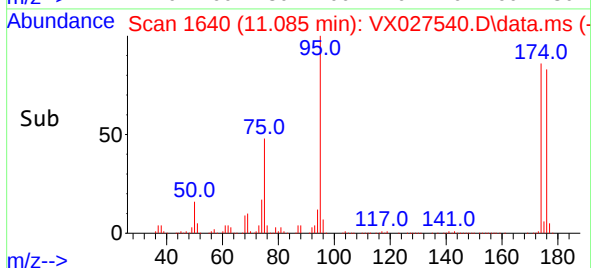
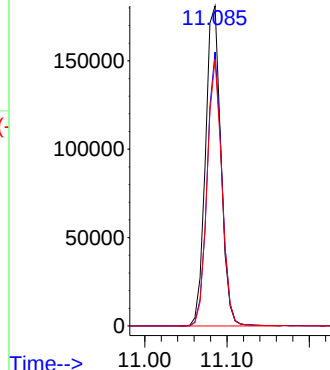
95 100

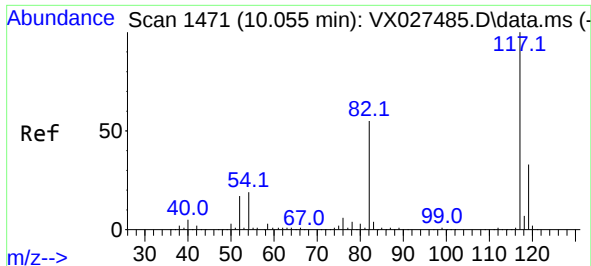
174 81.5 0.0 163.0

176 79.7 0.0 155.0



Abundance

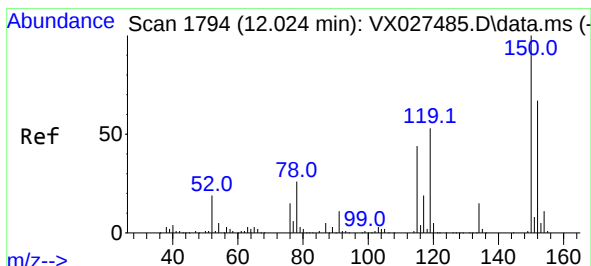
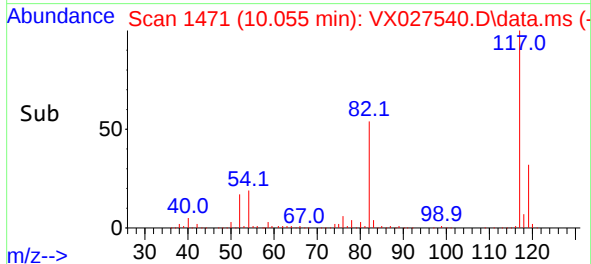
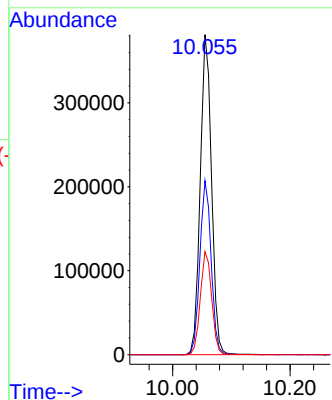
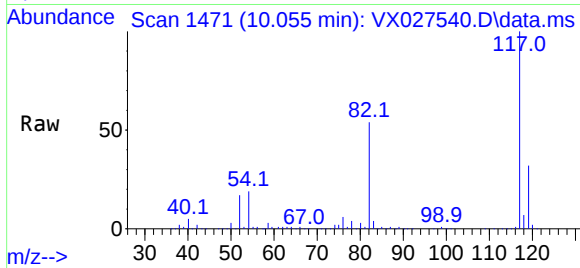




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027540.D
Acq: 18 Mar 2022 20:03

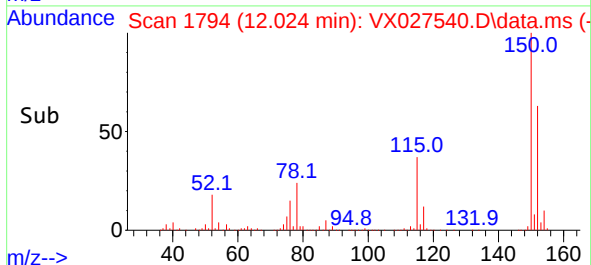
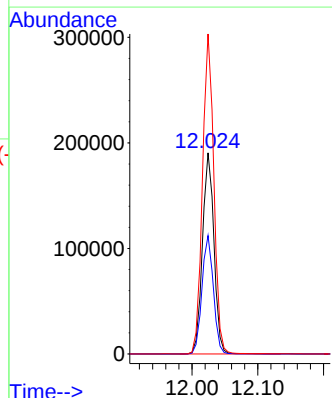
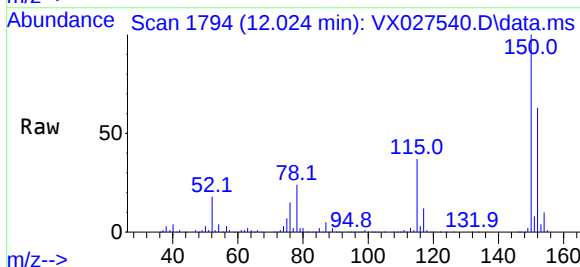
Instrument :
MSVOA_X
ClientSampleId :

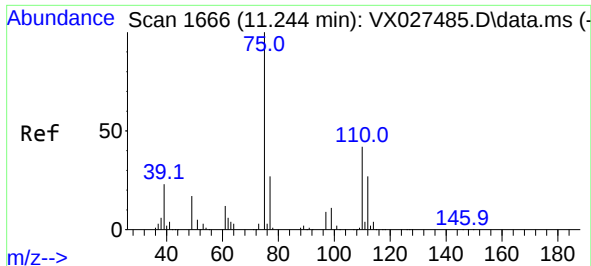
Tgt Ion:117 Resp: 508876
Ion Ratio Lower Upper
117 100
82 54.4 41.8 62.8
119 32.2 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027540.D
Acq: 18 Mar 2022 20:03

Tgt Ion:152 Resp: 231822
Ion Ratio Lower Upper
152 100
115 58.4 37.5 112.7
150 157.2 0.0 338.2

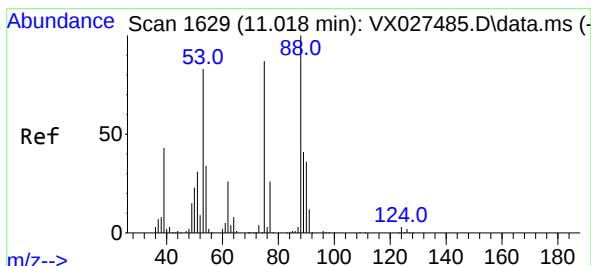
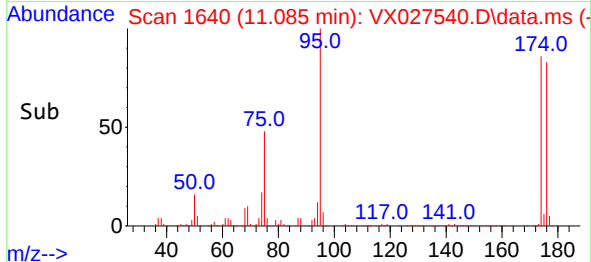
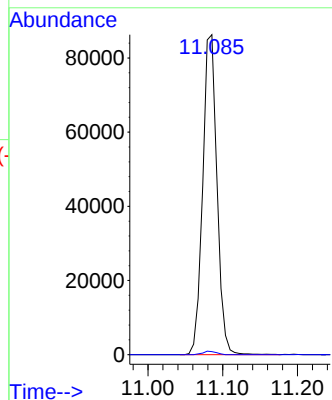
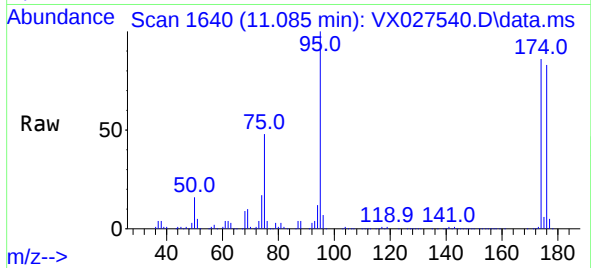




#76
1,2,3-Trichloropropane
Concen: 23.605 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX027540.D
Acq: 18 Mar 2022 20:03

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 114461
Ion Ratio Lower Upper
75 100
77 1.0 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.690 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX027540.D
Acq: 18 Mar 2022 20:03

Tgt Ion: 75 Resp: 114461
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

