

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032222\
 Data File : VX027637.D
 Acq On : 23 Mar 2022 01:22
 Operator : JC/MD
 Sample : N2062-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2R

Quant Time: Mar 23 07:41:19 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)

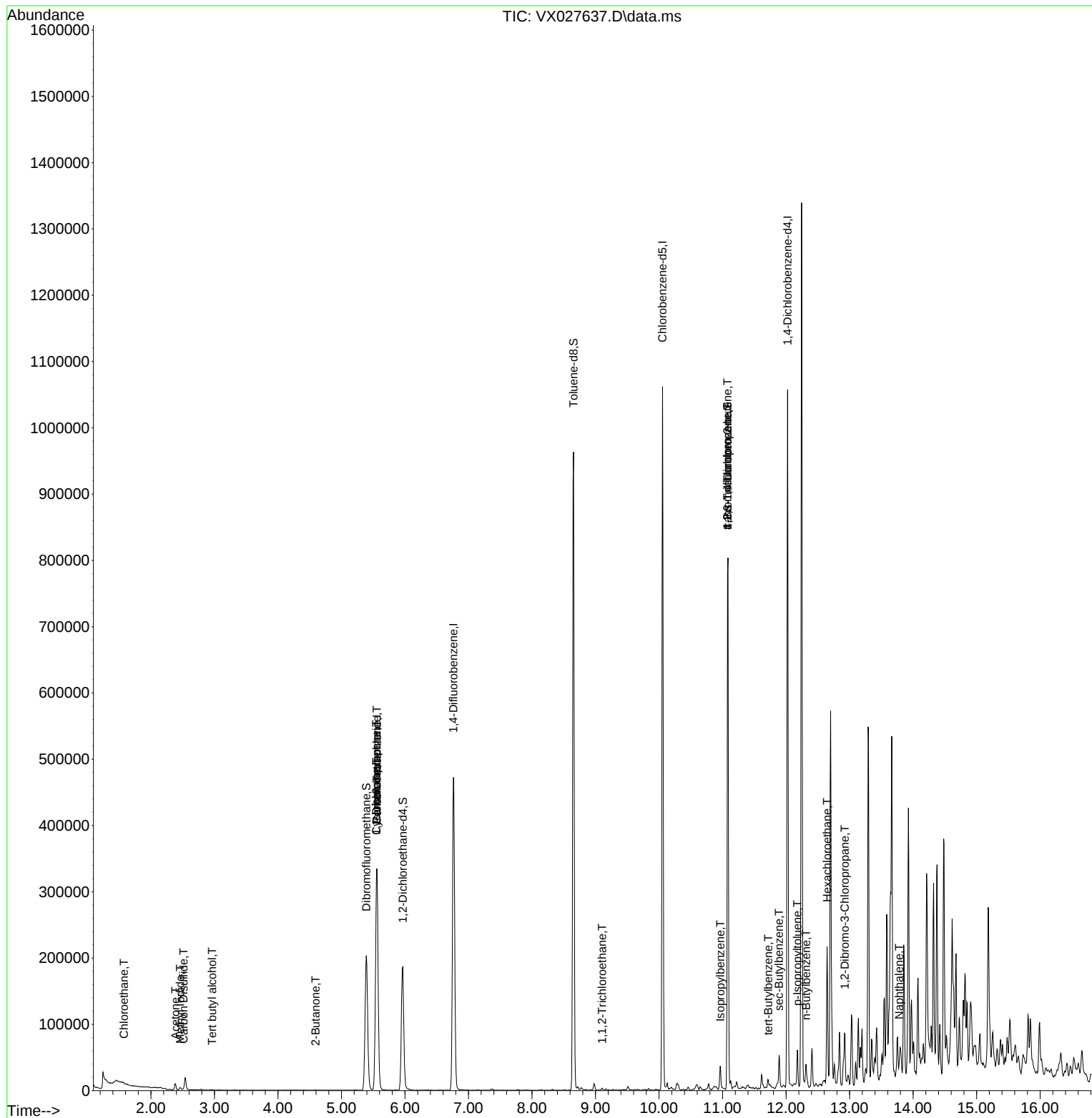
Internal Standards						
1) Pentafluorobenzene	5.556	168	337964	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	532239	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	484717	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	220745	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	180732	43.410	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	86.820%
35) Dibromofluoromethane	5.391	113	178090	52.007	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	104.020%
50) Toluene-d8	8.653	98	627332	48.413	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.820%
62) 4-Bromofluorobenzene	11.079	95	223897	47.010	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	94.020%
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	916	Below Cal	#	68
6) Chloroethane	1.575	64	2224	1.089	ug/l #	58
10) Methyl Iodide	2.459	142	3639	0.840	ug/l	99
11) Tert butyl alcohol	2.965	59	504	0.635	ug/l #	72
16) Acetone	2.386	43	10438	6.151	ug/l #	86
17) Carbon Disulfide	2.514	76	1902	0.238	ug/l #	85
25) 2-Butanone	4.593	43	776	0.304	ug/l	90
31) Cyclohexane	5.550	56	5867	1.135	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	22153	4.734	ug/l #	50
38) Carbon Tetrachloride	5.556	117	32015	5.980	ug/l #	16
55) 1,1,2-Trichloroethane	9.104	97	1195	0.326	ug/l #	20
73) Isopropylbenzene	10.963	105	17740	1.103	ug/l	99
76) 1,2,3-Trichloropropane	11.079	75	107107	23.197	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	107107	70.451	ug/l #	15
83) tert-Butylbenzene	11.719	119	4420	0.330	ug/l #	73
85) sec-Butylbenzene	11.890	105	25021	1.544	ug/l	95
86) p-Isopropyltoluene	12.177	119	24909	1.790	ug/l	94
89) n-Butylbenzene	12.317	91	3480	0.300	ug/l #	44
90) Hexachloroethane	12.646	117	70933	31.966	ug/l #	10
92) 1,2-Dibromo-3-Chloropr...	12.926	75	469	0.401	ug/l #	1
95) Naphthalene	13.780	128	6850	0.448	ug/l #	69

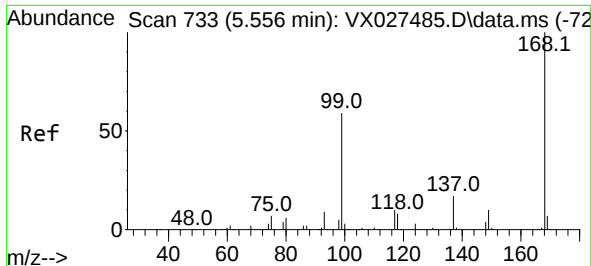
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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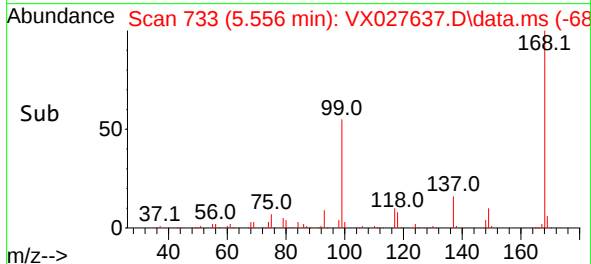
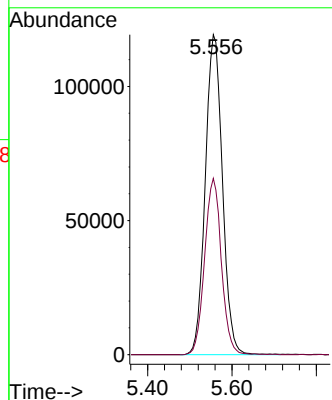
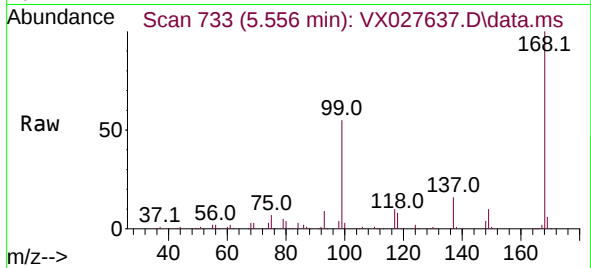




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027637.D
Acq: 23 Mar 2022 01:22

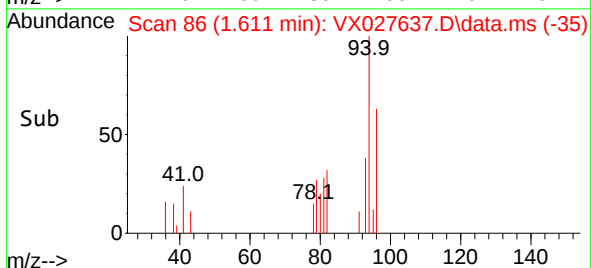
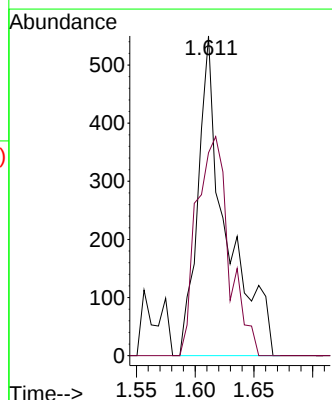
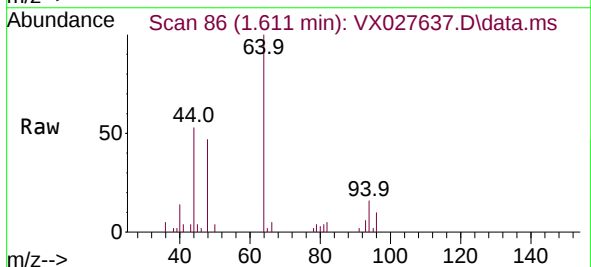
Instrument :
MSVOA_X
ClientSampleId :
MW-2R

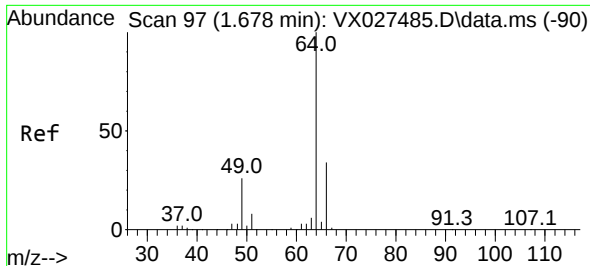
Tgt Ion:168 Resp: 337964
Ion Ratio Lower Upper
168 100
99 55.1 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX027637.D
Acq: 23 Mar 2022 01:22

Tgt Ion: 94 Resp: 916
Ion Ratio Lower Upper
94 100
96 63.5 75.3 112.9#

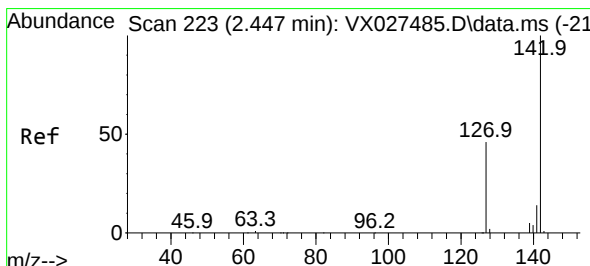
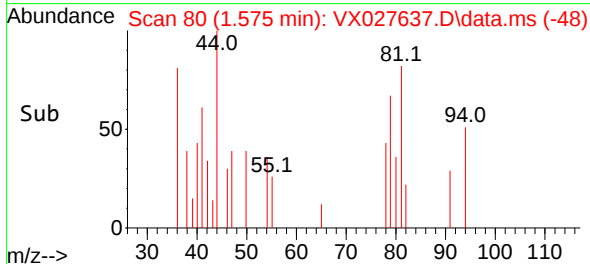
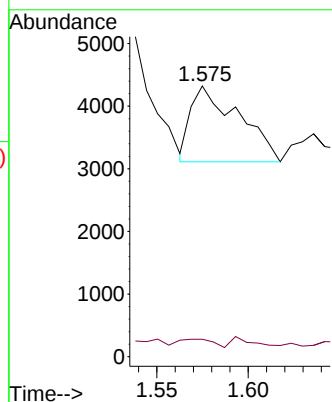
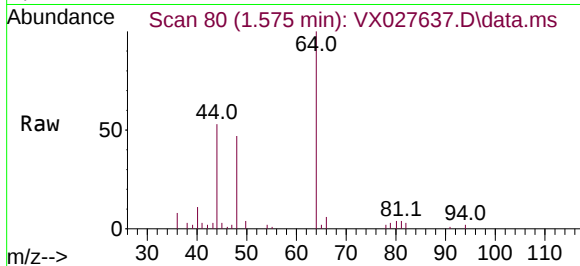




#6
Chloroethane
Concen: 1.089 ug/l
RT: 1.575 min Scan# 80
Delta R.T. -0.104 min
Lab File: VX027637.D
Acq: 23 Mar 2022 01:22

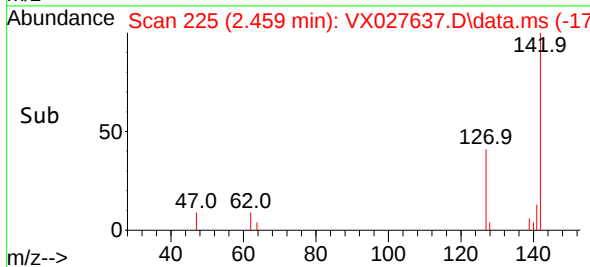
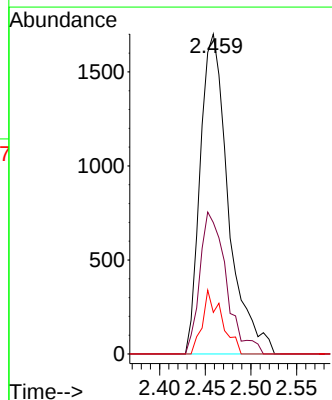
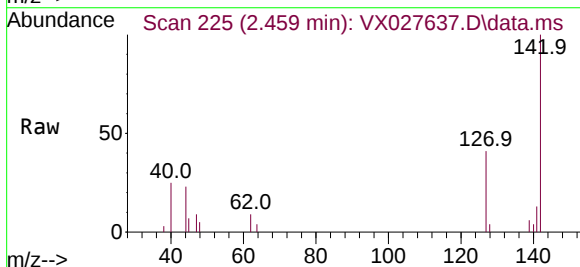
Instrument :
MSVOA_X
ClientSampleId :
MW-2R

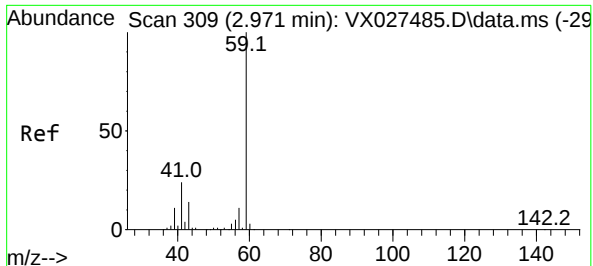
Tgt Ion: 64 Resp: 2224
Ion Ratio Lower Upper
64 100
66 8.3 25.3 37.9#



#10
Methyl Iodide
Concen: 0.840 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.012 min
Lab File: VX027637.D
Acq: 23 Mar 2022 01:22

Tgt Ion: 142 Resp: 3639
Ion Ratio Lower Upper
142 100
127 41.7 33.9 50.9
141 13.7 11.4 17.2

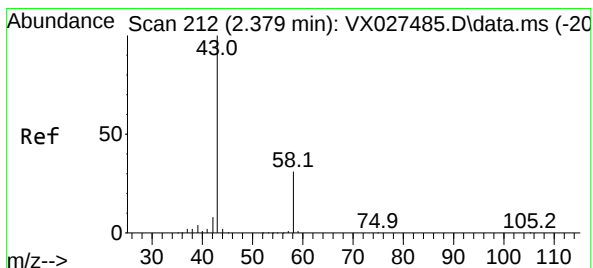
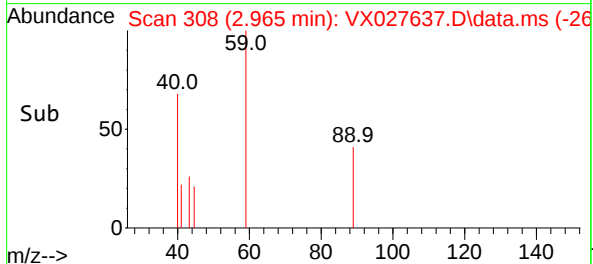
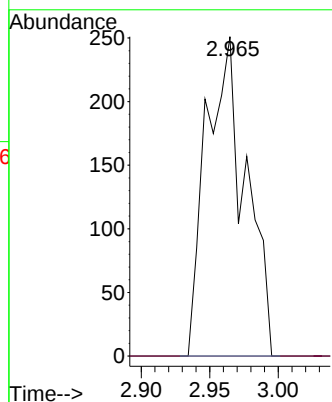
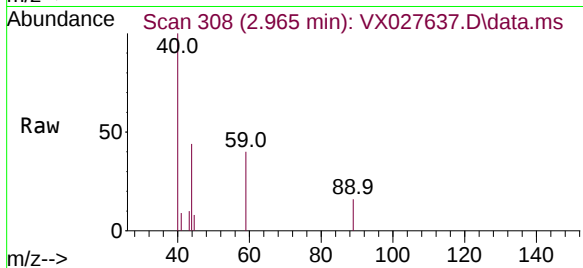




#11
Tert butyl alcohol
Concen: 0.635 ug/l
RT: 2.965 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX027637.D
Acq: 23 Mar 2022 01:22

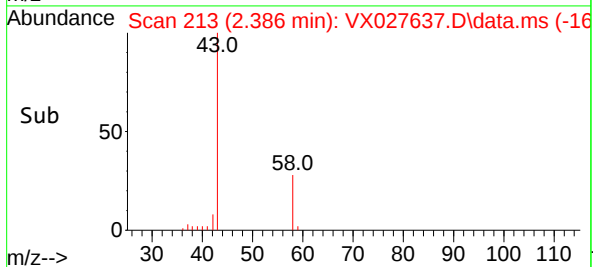
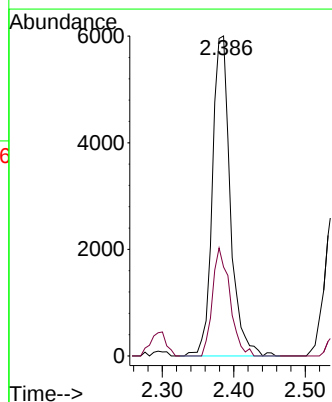
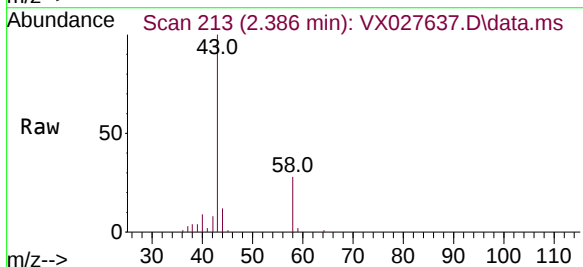
Instrument :
MSVOA_X
ClientSampleId :
MW-2R

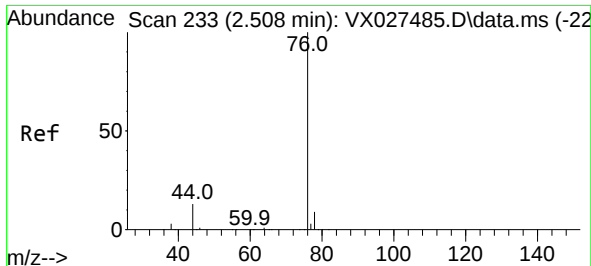
Tgt Ion: 59 Resp: 504
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 6.151 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX027637.D
Acq: 23 Mar 2022 01:22

Tgt Ion: 43 Resp: 10438
Ion Ratio Lower Upper
43 100
58 27.8 28.8 43.2#





#17

Carbon Disulfide

Concen: 0.238 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX027637.D

Acq: 23 Mar 2022 01:22

Instrument :

MSVOA_X

ClientSampleId :

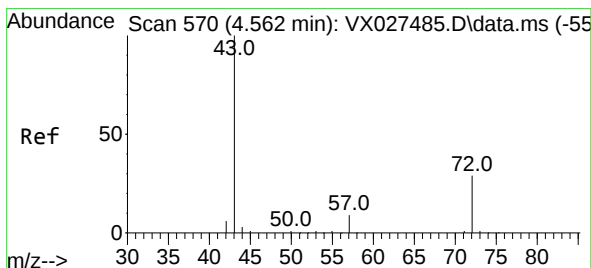
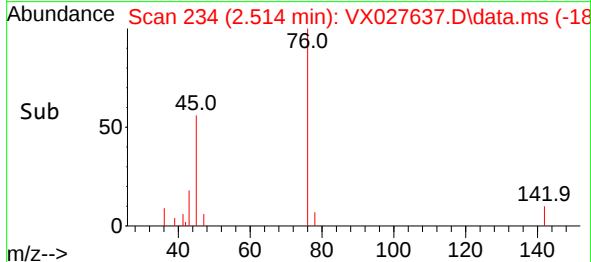
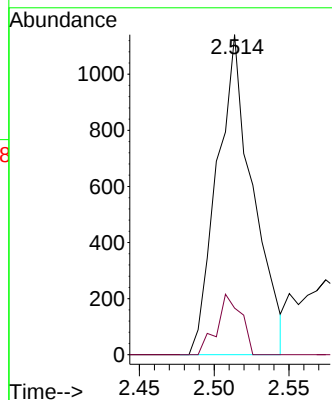
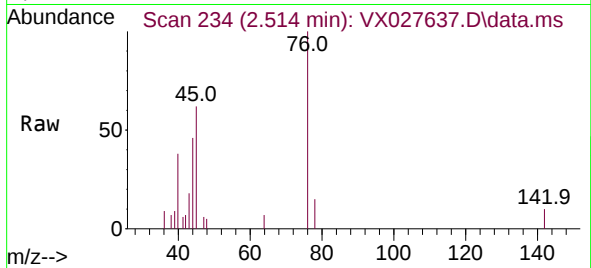
MW-2R

Tgt Ion: 76 Resp: 1902

Ion Ratio Lower Upper

76 100

78 14.5 7.2 10.8#



#25

2-Butanone

Concen: 0.304 ug/l

RT: 4.593 min Scan# 575

Delta R.T. 0.031 min

Lab File: VX027637.D

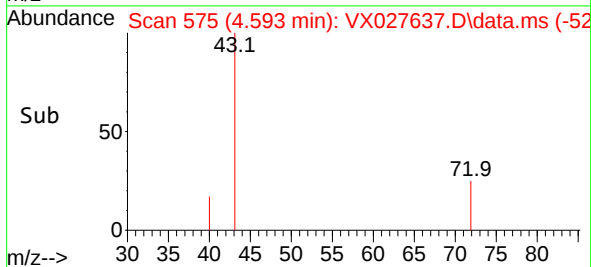
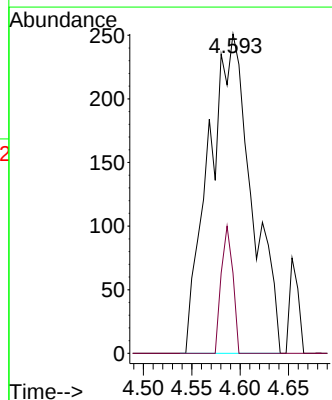
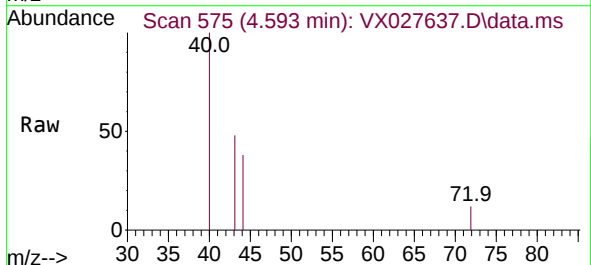
Acq: 23 Mar 2022 01:22

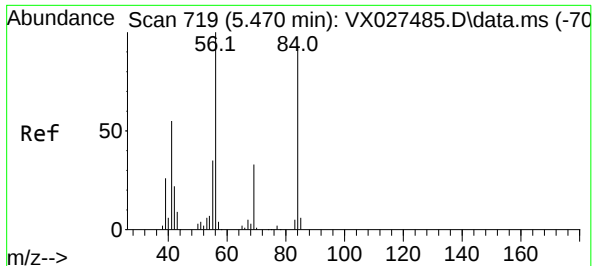
Tgt Ion: 43 Resp: 776

Ion Ratio Lower Upper

43 100

72 25.1 24.4 36.6

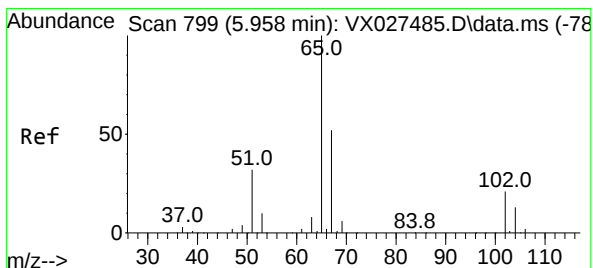
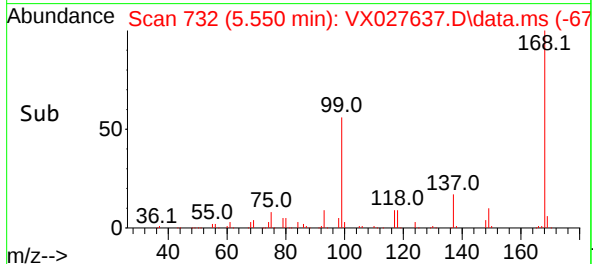
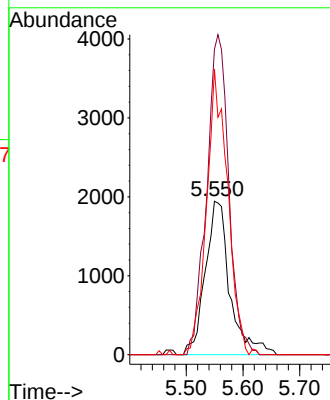
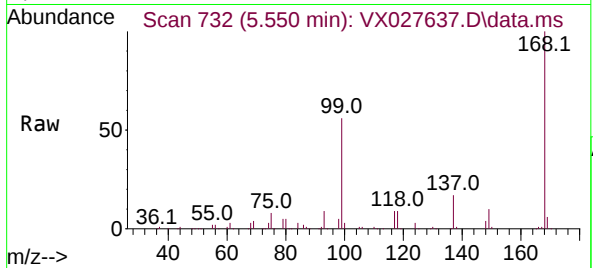




#31
Cyclohexane
Concen: 1.135 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX027637.D
Acq: 23 Mar 2022 01:22

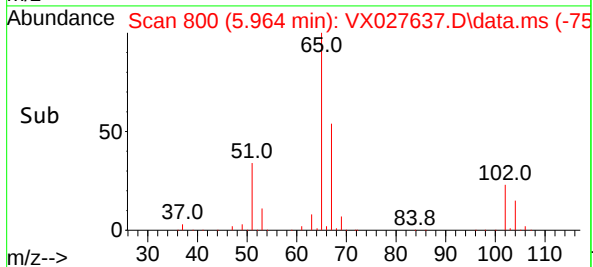
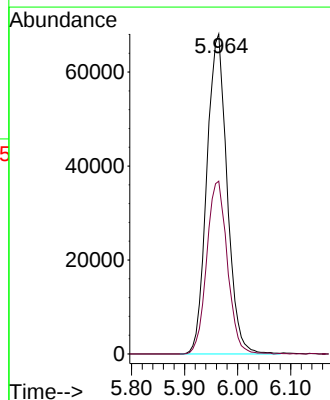
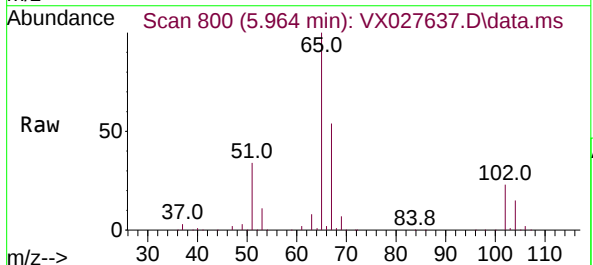
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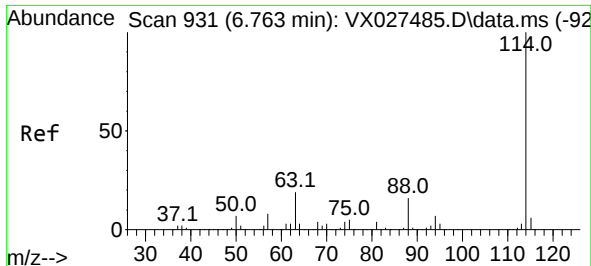
Tgt Ion: 56 Resp: 5867
Ion Ratio Lower Upper
56 100
69 199.1 26.7 40.1#
84 186.3 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 43.410 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX027637.D
Acq: 23 Mar 2022 01:22

Tgt Ion: 65 Resp: 180732
Ion Ratio Lower Upper
65 100
67 55.0 0.0 107.4

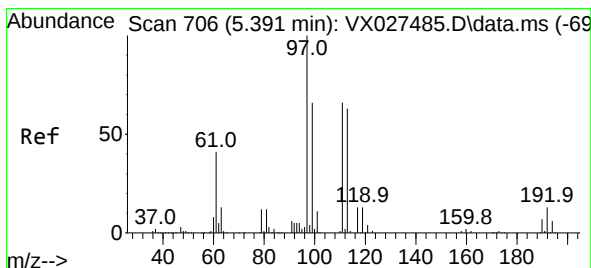
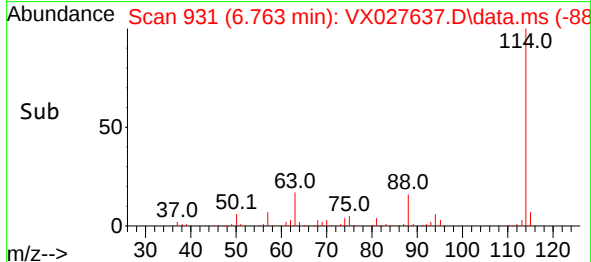
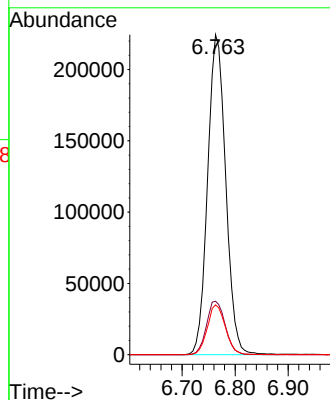
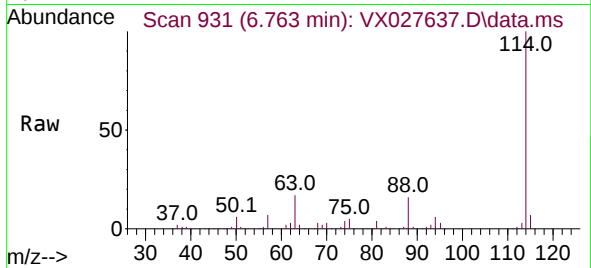




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX027637.D
Acq: 23 Mar 2022 01:22

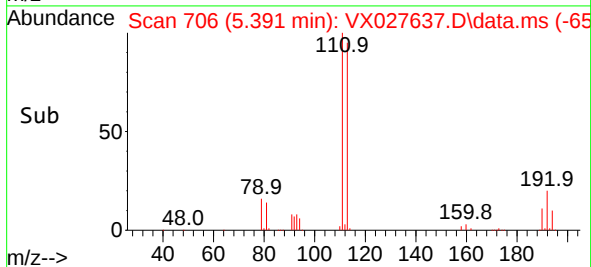
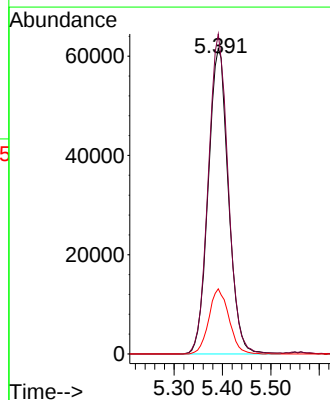
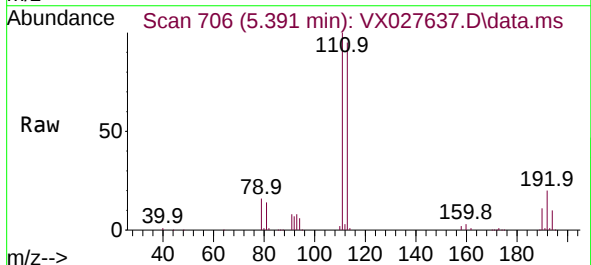
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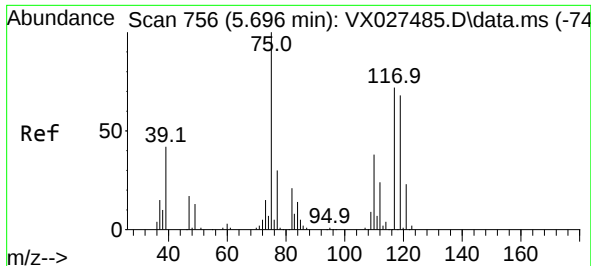
Tgt Ion:114 Resp: 532239
Ion Ratio Lower Upper
114 100
63 16.7 0.0 36.8
88 15.6 0.0 32.4



#35
Dibromofluoromethane
Concen: 52.007 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027637.D
Acq: 23 Mar 2022 01:22

Tgt Ion:113 Resp: 178090
Ion Ratio Lower Upper
113 100
111 103.7 82.8 124.2
192 21.2 16.9 25.3

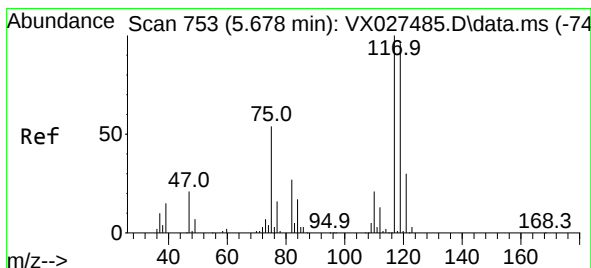
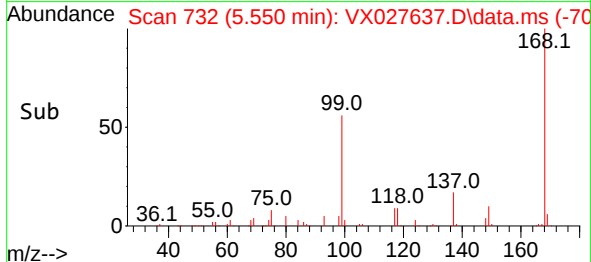
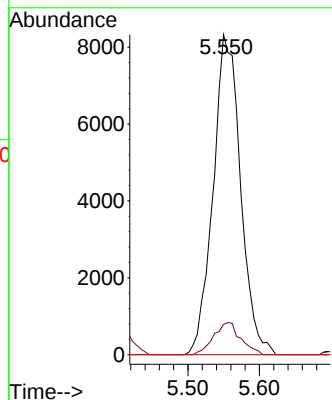
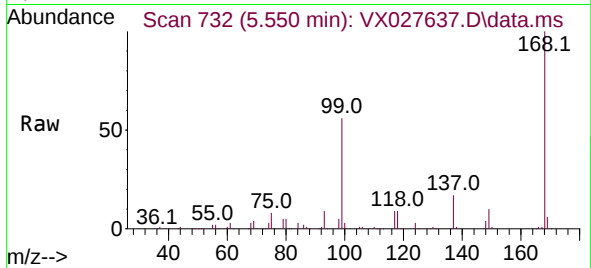




#36
1,1-Dichloropropene
Concen: 4.734 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX027637.D
Acq: 23 Mar 2022 01:22

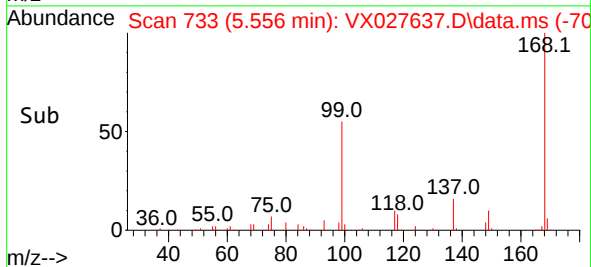
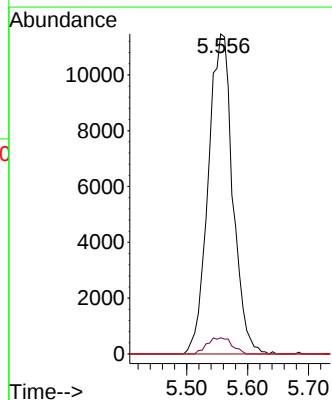
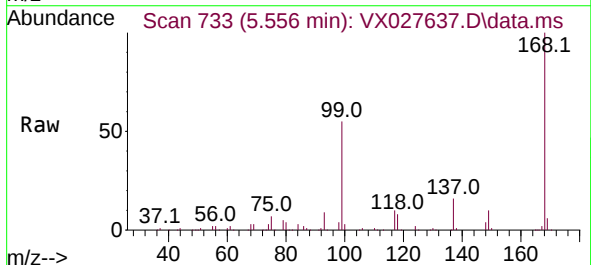
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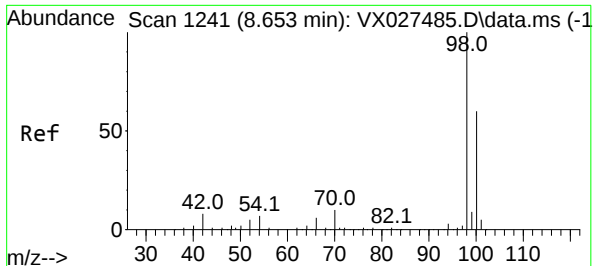
Tgt Ion: 75 Resp: 22153
Ion Ratio Lower Upper
75 100
110 9.9 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.980 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX027637.D
Acq: 23 Mar 2022 01:22

Tgt Ion: 117 Resp: 32015
Ion Ratio Lower Upper
117 100
119 5.1 77.3 115.9#
121 0.0 24.2 36.2#

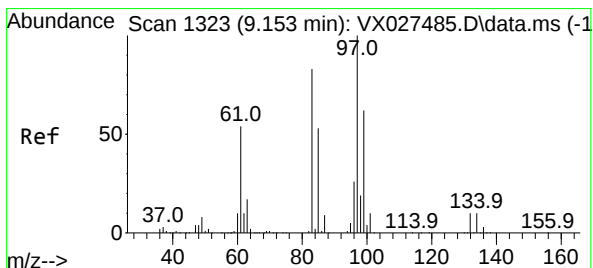
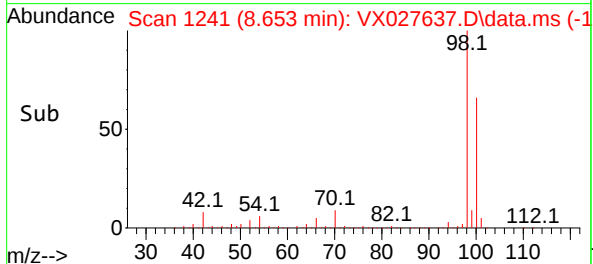
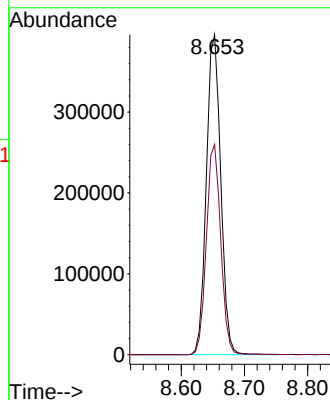
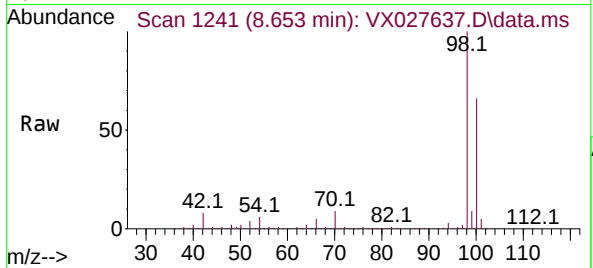




#50
Toluene-d8
Concen: 48.413 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027637.D
Acq: 23 Mar 2022 01:22

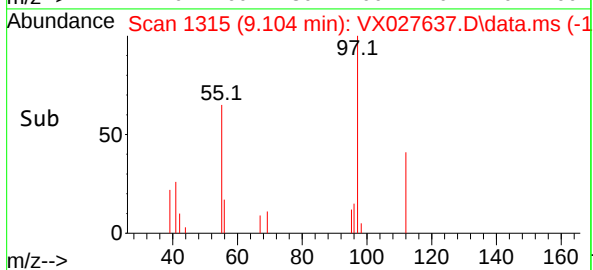
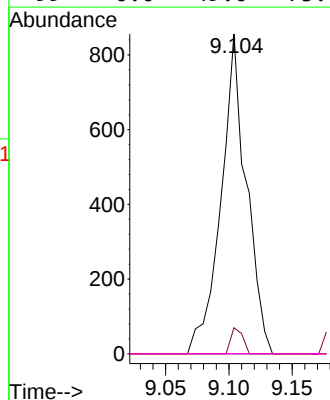
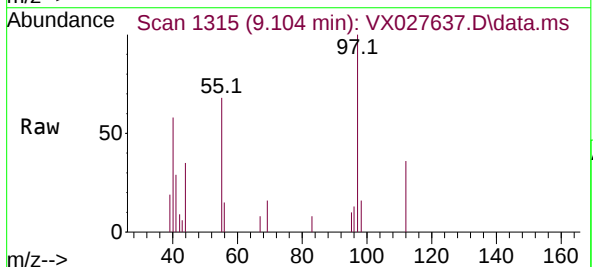
Instrument :
MSVOA_X
ClientSampleId :
MW-2R

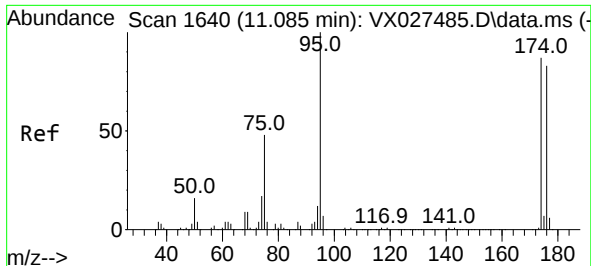
Tgt Ion: 98 Resp: 627332
Ion Ratio Lower Upper
98 100
100 65.5 52.6 78.8



#55
1,1,2-Trichloroethane
Concen: 0.326 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.049 min
Lab File: VX027637.D
Acq: 23 Mar 2022 01:22

Tgt Ion: 97 Resp: 1195
Ion Ratio Lower Upper
97 100
83 8.2 66.2 99.4#
85 0.0 42.9 64.3#
99 0.0 49.0 73.6#

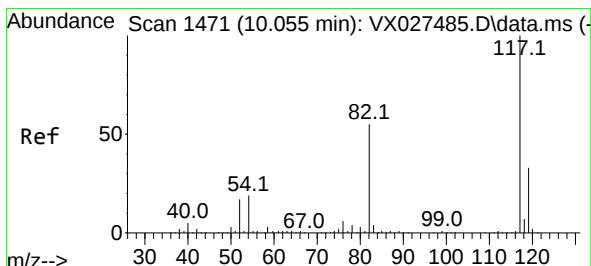
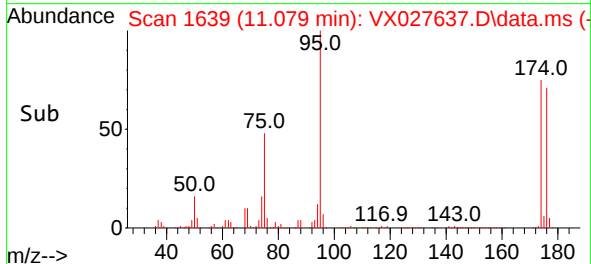
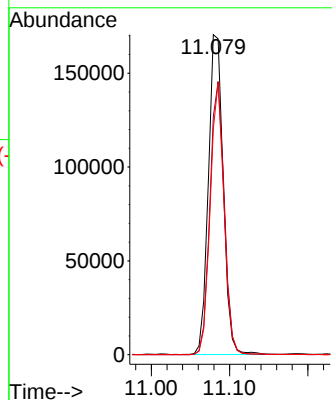
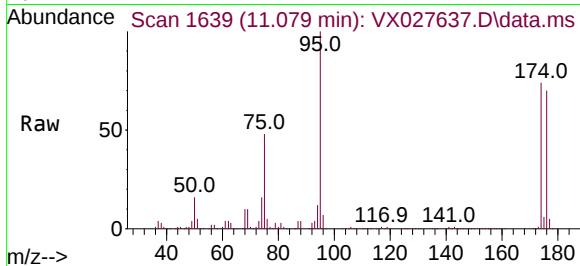




#62
4-Bromofluorobenzene
Concen: 47.010 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027637.D
Acq: 23 Mar 2022 01:22

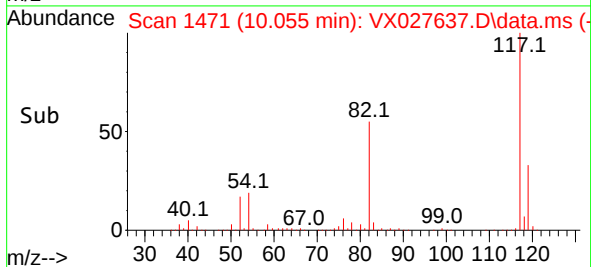
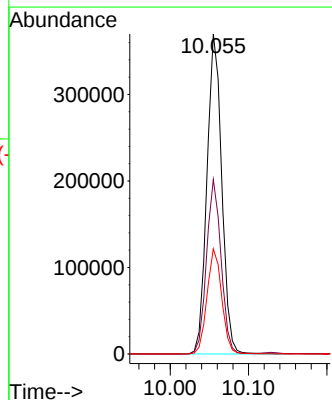
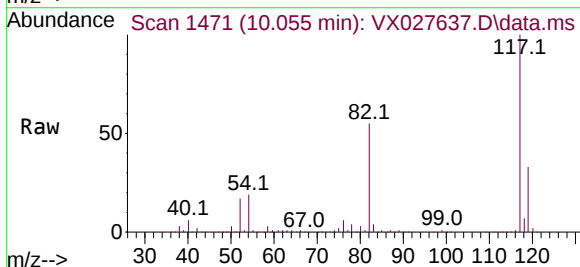
Instrument :
MSVOA_X
ClientSampleId :
MW-2R

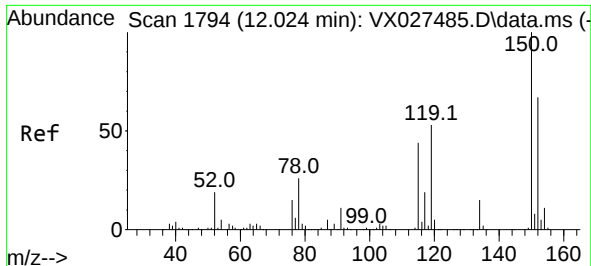
Tgt Ion: 95 Resp: 223897
Ion Ratio Lower Upper
95 100
174 82.5 0.0 163.0
176 79.0 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027637.D
Acq: 23 Mar 2022 01:22

Tgt Ion: 117 Resp: 484717
Ion Ratio Lower Upper
117 100
82 54.5 41.8 62.8
119 32.9 24.8 37.2

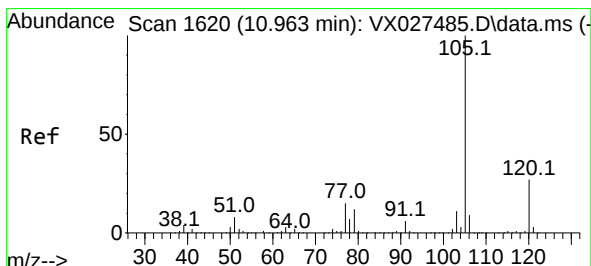
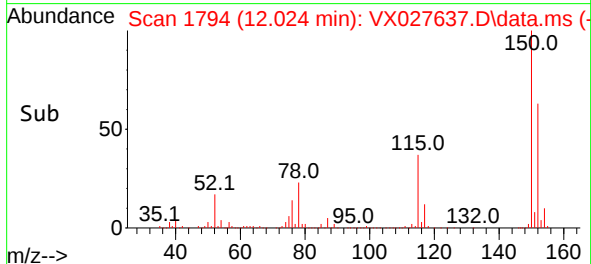
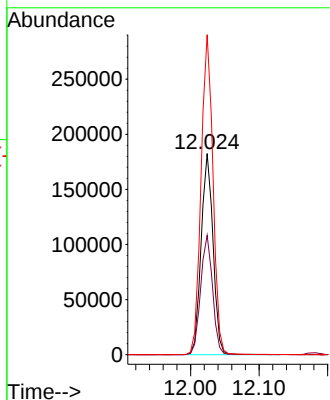
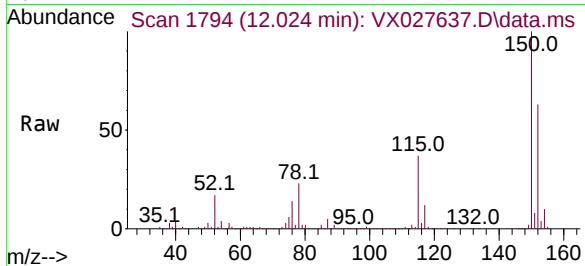




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027637.D
Acq: 23 Mar 2022 01:22

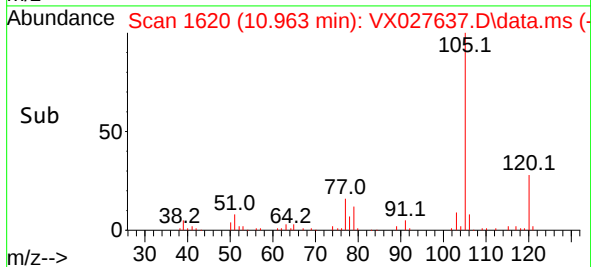
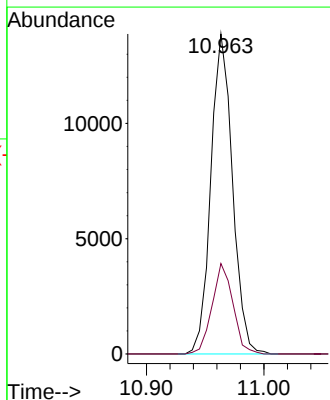
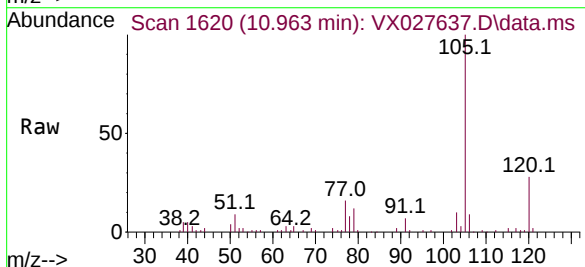
Instrument :
MSVOA_X
ClientSampleId :
MW-2R

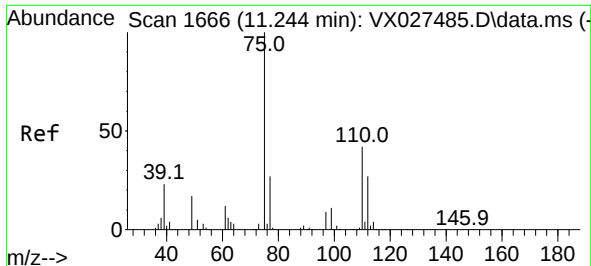
Tgt Ion:152 Resp: 220745
Ion Ratio Lower Upper
152 100
115 59.7 37.5 112.7
150 159.3 0.0 338.2



#73
Isopropylbenzene
Concen: 1.103 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX027637.D
Acq: 23 Mar 2022 01:22

Tgt Ion:105 Resp: 17740
Ion Ratio Lower Upper
105 100
120 27.3 13.5 40.5

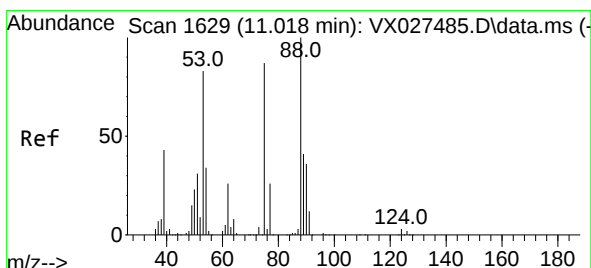
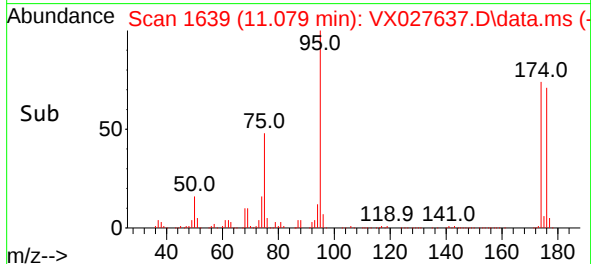
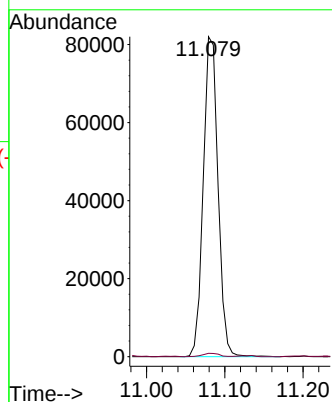
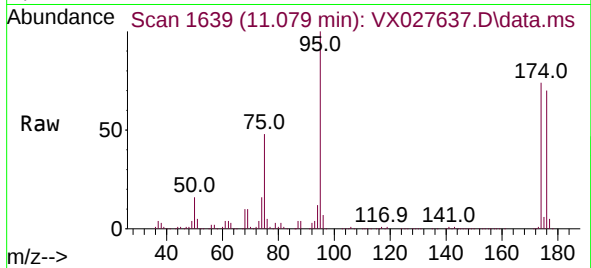




#76
1,2,3-Trichloropropane
Concen: 23.197 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027637.D
Acq: 23 Mar 2022 01:22

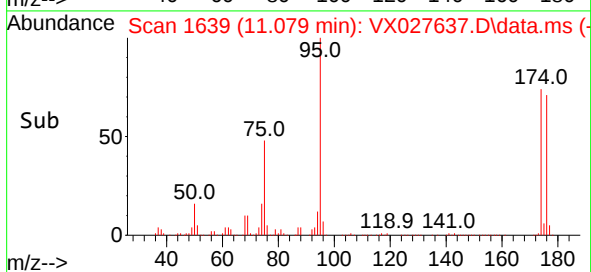
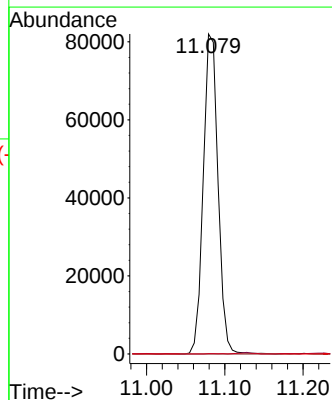
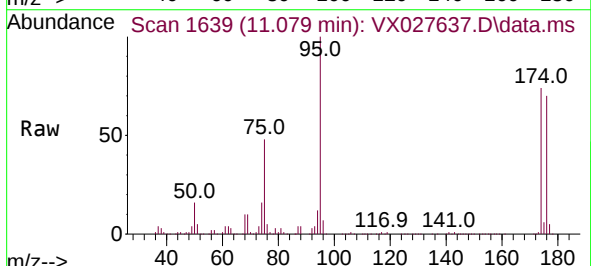
Instrument :
MSVOA_X
ClientSampleId :
MW-2R

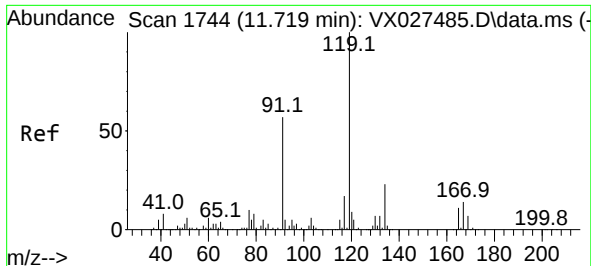
Tgt Ion: 75 Resp: 107107
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.451 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027637.D
Acq: 23 Mar 2022 01:22

Tgt Ion: 75 Resp: 107107
Ion Ratio Lower Upper
75 100
53 0.1 69.0 103.4#
89 0.0 37.0 55.6#

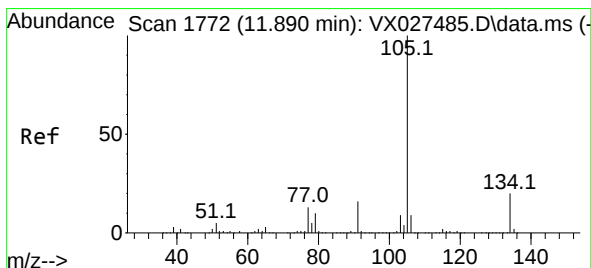
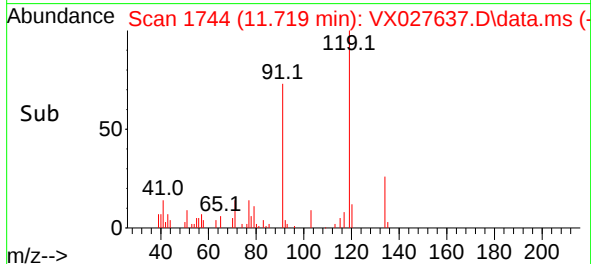
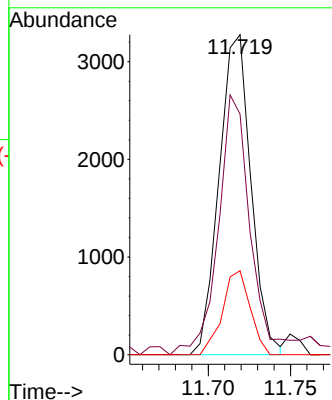
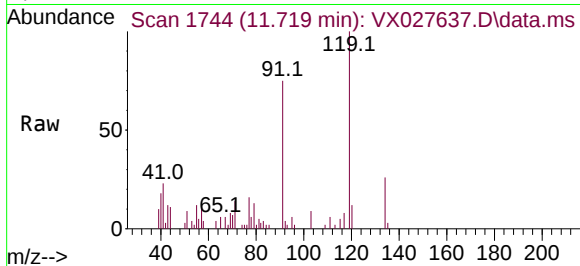




#83
tert-Butylbenzene
Concen: 0.330 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VX027637.D
Acq: 23 Mar 2022 01:22

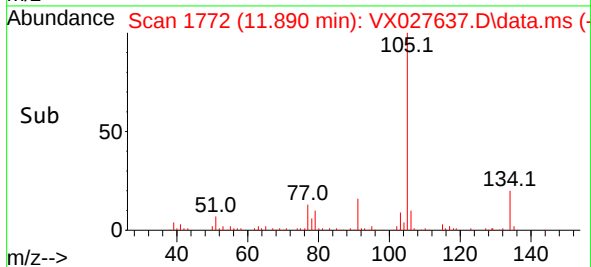
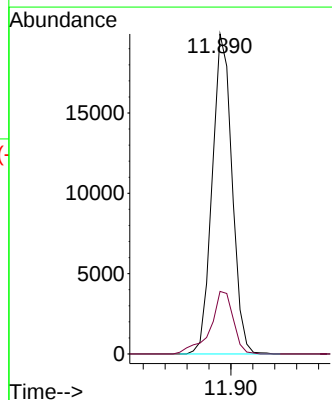
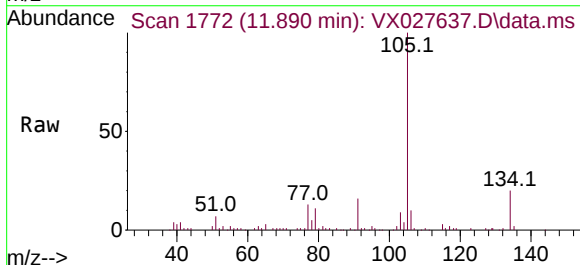
Instrument :
MSVOA_X
ClientSampleId :
MW-2R

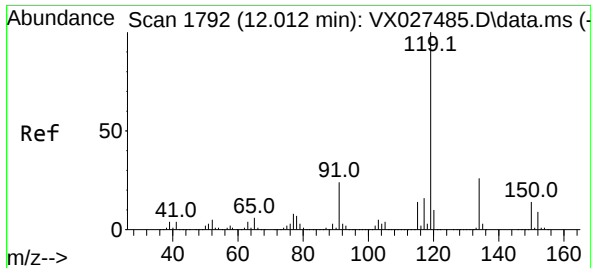
Tgt Ion:119 Resp: 4420
Ion Ratio Lower Upper
119 100
91 80.9 26.9 80.6#
134 22.9 11.4 34.2



#85
sec-Butylbenzene
Concen: 1.544 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX027637.D
Acq: 23 Mar 2022 01:22

Tgt Ion:105 Resp: 25021
Ion Ratio Lower Upper
105 100
134 22.5 10.2 30.4

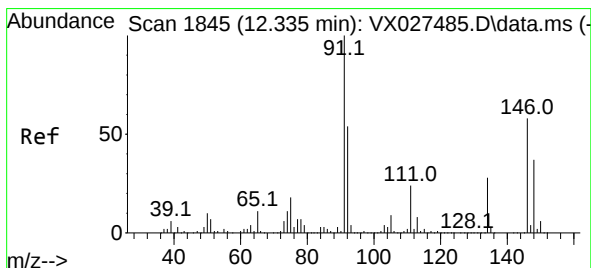
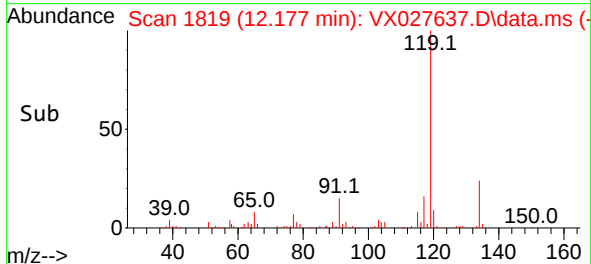
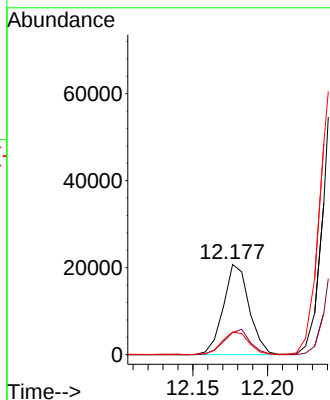
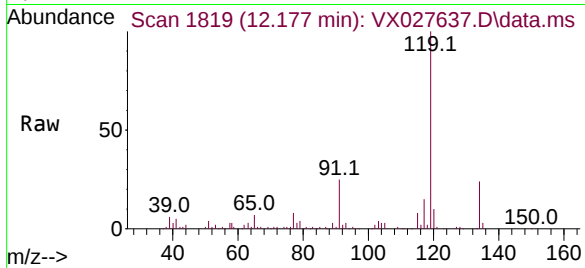




#86
p-Isopropyltoluene
Concen: 1.790 ug/l
RT: 12.177 min Scan# 1819
Delta R.T. 0.165 min
Lab File: VX027637.D
Acq: 23 Mar 2022 01:22

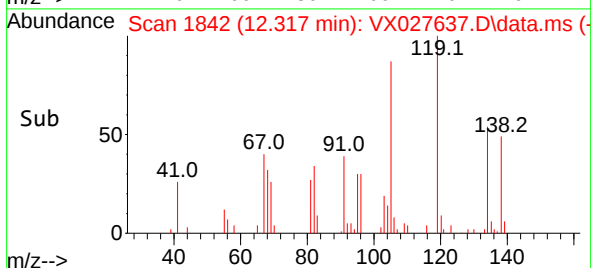
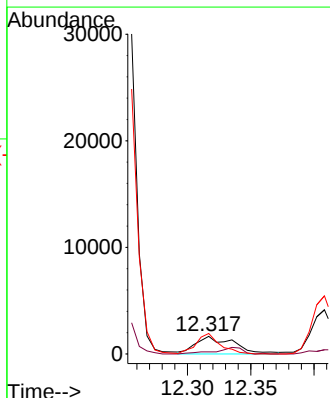
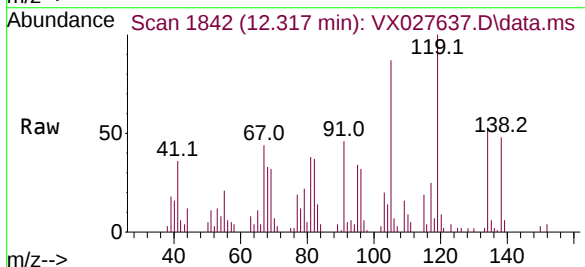
Instrument :
MSVOA_X
ClientSampleId :
MW-2R

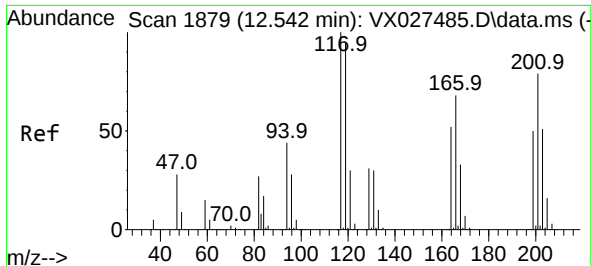
Tgt Ion:119 Resp: 24909
Ion Ratio Lower Upper
119 100
134 27.9 13.0 39.0
91 26.7 11.3 33.9



#89
n-Butylbenzene
Concen: 0.300 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.018 min
Lab File: VX027637.D
Acq: 23 Mar 2022 01:22

Tgt Ion: 91 Resp: 3480
Ion Ratio Lower Upper
91 100
92 26.3 27.8 83.3#
134 72.1 13.3 39.8#

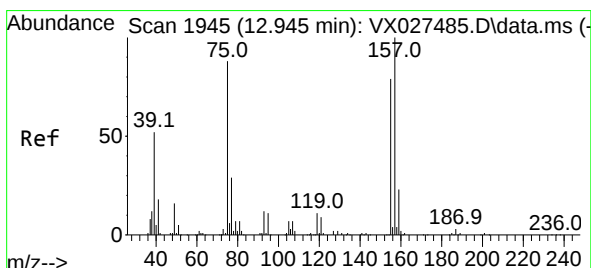
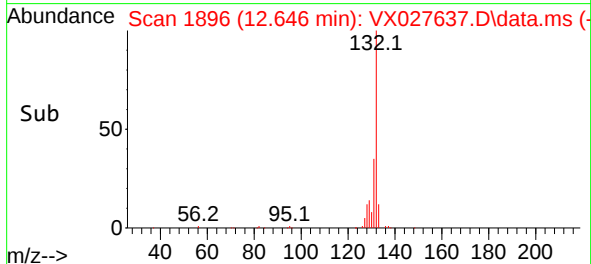
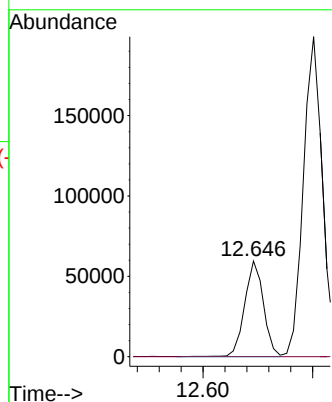
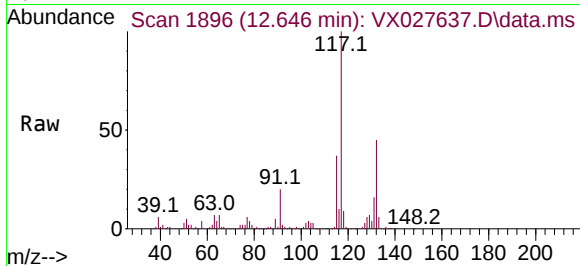




#90
Hexachloroethane
Concen: 31.966 ug/l
RT: 12.646 min Scan# 117
Delta R.T. 0.104 min
Lab File: VX027637.D
Acq: 23 Mar 2022 01:22

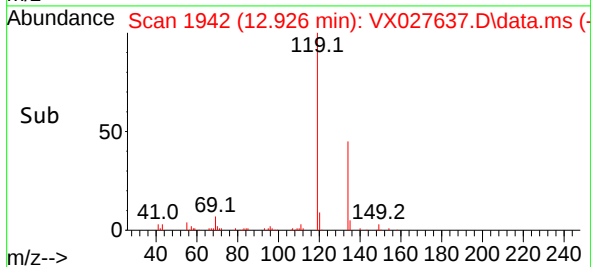
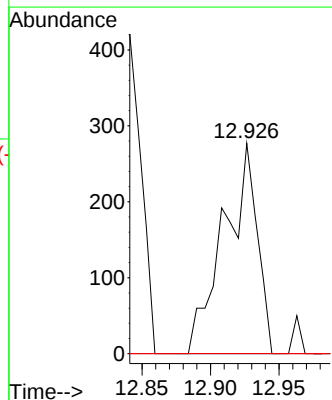
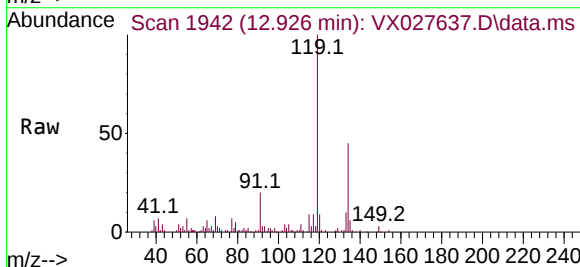
Instrument :
MSVOA_X
ClientSampleId :
MW-2R

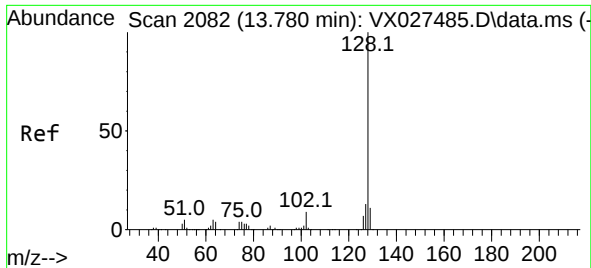
Tgt Ion:117 Resp: 70933
Ion Ratio Lower Upper
117 100
201 0.0 39.5 118.5#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.401 ug/l
RT: 12.926 min Scan# 1942
Delta R.T. -0.018 min
Lab File: VX027637.D
Acq: 23 Mar 2022 01:22

Tgt Ion: 75 Resp: 469
Ion Ratio Lower Upper
75 100
155 0.0 47.0 141.2#
157 0.0 57.9 173.6#





#95

Naphthalene

Concen: 0.448 ug/l

RT: 13.780 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX027637.D

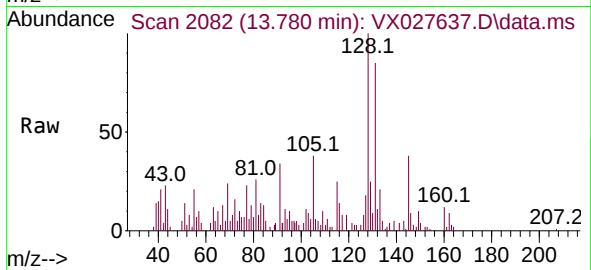
Acq: 23 Mar 2022 01:22

Instrument :

MSVOA_X

ClientSampleId :

MW-2R



Tgt Ion:128 Resp: 6850

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.4#

129 0.0 8.7 13.1#

