

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062722\
 Data File : VX029824.D
 Acq On : 27 Jun 2022 18:28
 Operator : JC/MD
 Sample : N3366-07DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-27DL

Quant Time: Jun 28 10:15:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062722W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 27 15:32:24 2022
 Response via : Initial Calibration

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

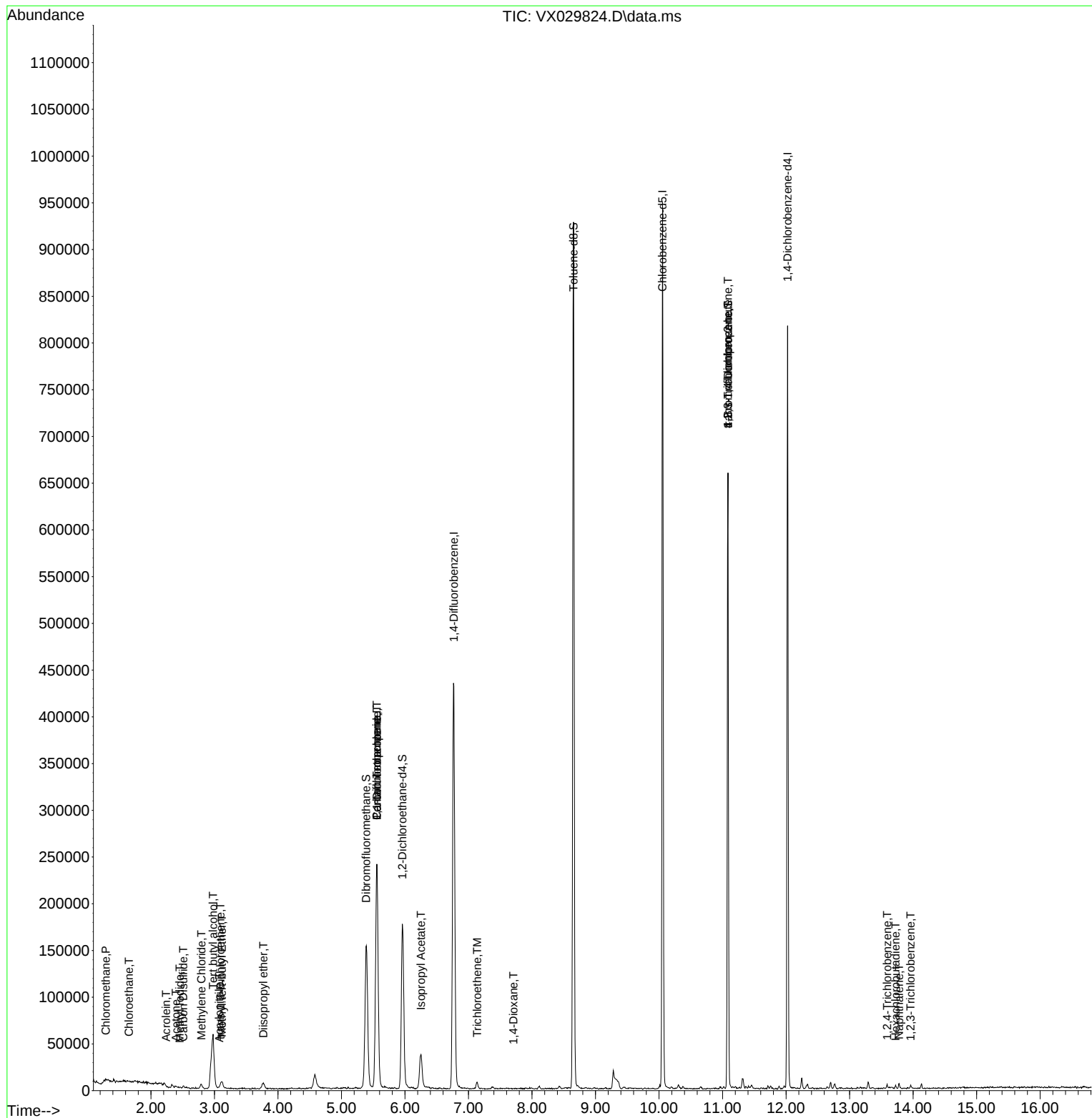
Internal Standards						
1) Pentafluorobenzene	5.556	168	213416	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	456839	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	413665	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	160015	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	168380	50.926	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.860%	
35) Dibromofluoromethane	5.385	113	141141	48.094	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.180%	
50) Toluene-d8	8.653	98	572071	49.777	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.560%	
62) 4-Bromofluorobenzene	11.085	95	189968	45.199	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 90.400%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	662	0.223	ug/l #	58
5) Bromomethane	1.611	94	413	Below Cal	#	61
6) Chloroethane	1.654	64	1302	0.758	ug/l #	59
10) Methyl Iodide	2.453	142	1204	0.415	ug/l	98
11) Tert butyl alcohol	2.977	59	85688	95.647	ug/l #	94
13) Acrolein	2.239	56	298	0.515	ug/l #	15
15) Acrylonitrile	3.075	53	882	0.453	ug/l #	78
16) Acetone	2.392	43	1997	1.267	ug/l	99
17) Carbon Disulfide	2.508	76	2941	0.439	ug/l #	86
19) Methyl tert-butyl Ether	3.117	73	7796	0.866	ug/l #	89
20) Methylene Chloride	2.794	84	2034	0.624	ug/l #	84
21) trans-1,2-Dichloroethene	3.093	96	593	0.213	ug/l #	86
22) Diisopropyl ether	3.770	45	7385	0.760	ug/l #	80
36) 1,1-Dichloropropene	5.556	75	19717	4.587	ug/l #	49
38) Carbon Tetrachloride	5.556	117	23838	6.836	ug/l #	16
43) Isopropyl Acetate	6.251	43	10743	1.326	ug/l #	58
44) Trichloroethene	7.135	130	2484	0.750	ug/l	82
49) 1,4-Dioxane	7.708	88	20	0.207	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	91236	20.113	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	91236	61.173	ug/l #	15
93) 1,2,4-Trichlorobenzene	13.591	180	772	0.239	ug/l	96
94) Hexachlorobutadiene	13.725	225	404	0.349	ug/l	92
95) Naphthalene	13.780	128	2831	0.207	ug/l	95
96) 1,2,3-Trichlorobenzene	13.963	180	873	0.268	ug/l	75

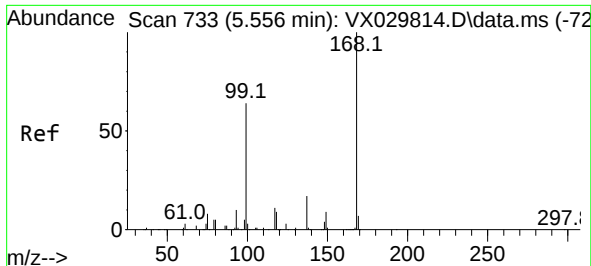
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampleId :
MW-27DL

Quant Time: Jun 28 10:15:18 2022
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Quant Title : SW846 8260
QLast Update : Mon Jun 27 15:32:24 2022
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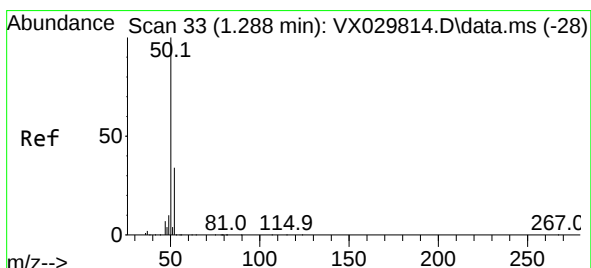
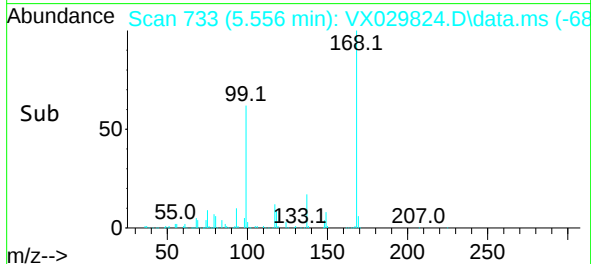
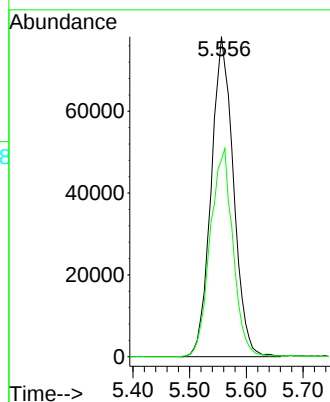
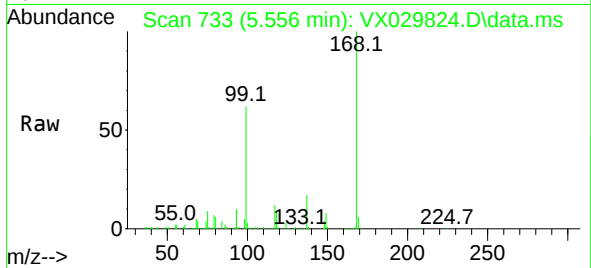




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029824.D
Acq: 27 Jun 2022 18:28

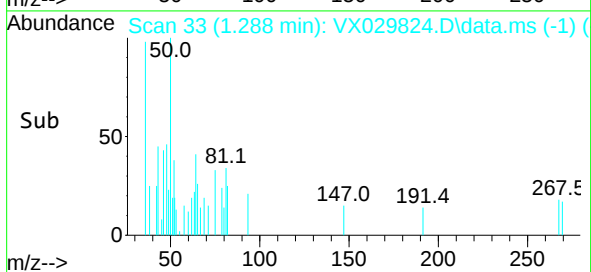
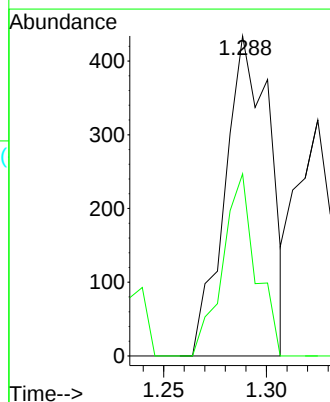
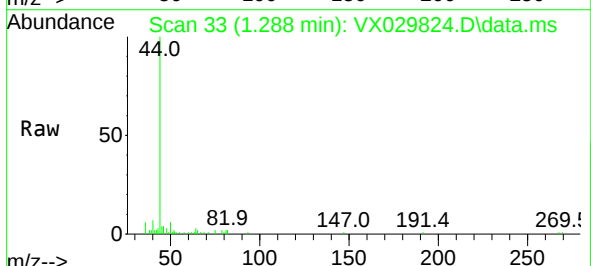
Instrument :
MSVOA_X
ClientSampleId :
MW-27DL

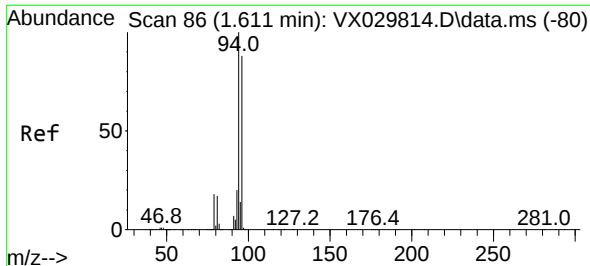
Tgt Ion:168 Resp: 213416
Ion Ratio Lower Upper
168 100
99 61.6 41.7 62.5



#3
Chloromethane
Concen: 0.223 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX029824.D
Acq: 27 Jun 2022 18:28

Tgt Ion: 50 Resp: 662
Ion Ratio Lower Upper
50 100
52 56.9 26.4 39.6#

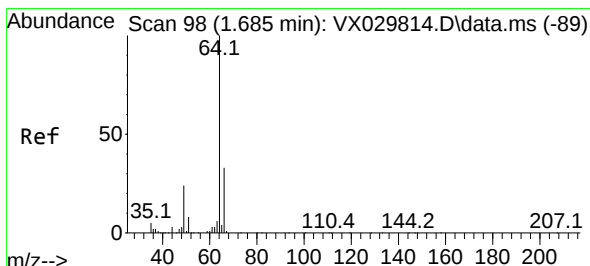
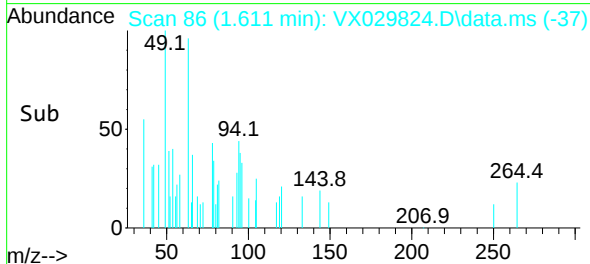
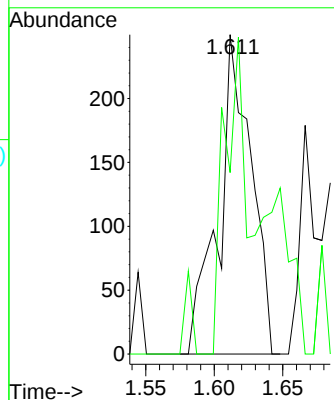
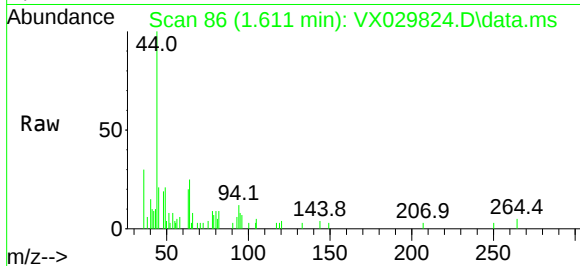




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX029824.D
Acq: 27 Jun 2022 18:28

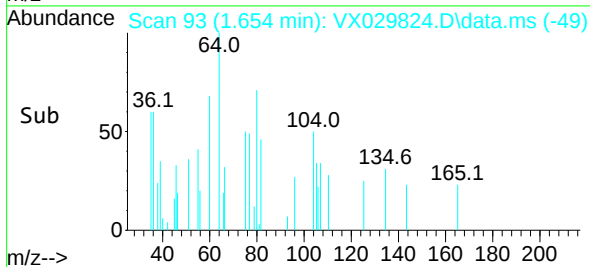
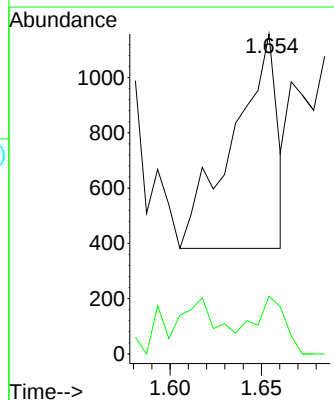
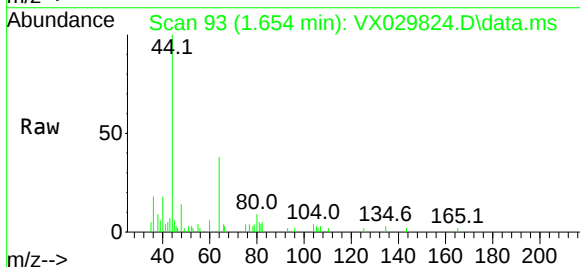
Instrument :
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ClientSampleId :
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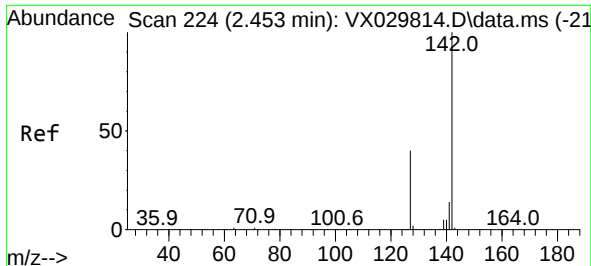
Tgt Ion: 94 Resp: 413
Ion Ratio Lower Upper
94 100
96 56.8 75.3 112.9#



#6
Chloroethane
Concen: 0.758 ug/l
RT: 1.654 min Scan# 93
Delta R.T. -0.031 min
Lab File: VX029824.D
Acq: 27 Jun 2022 18:28

Tgt Ion: 64 Resp: 1302
Ion Ratio Lower Upper
64 100
66 8.9 25.3 37.9#

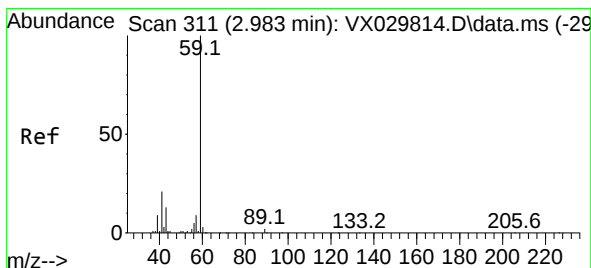
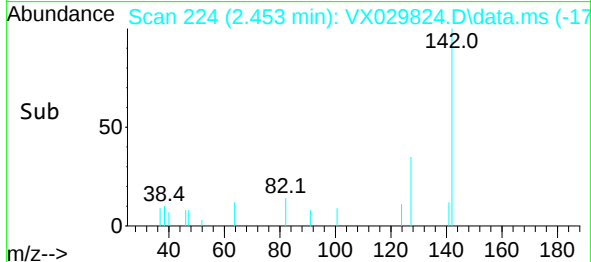
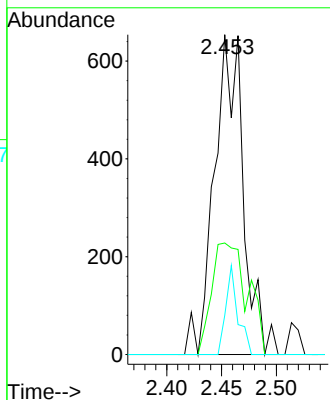
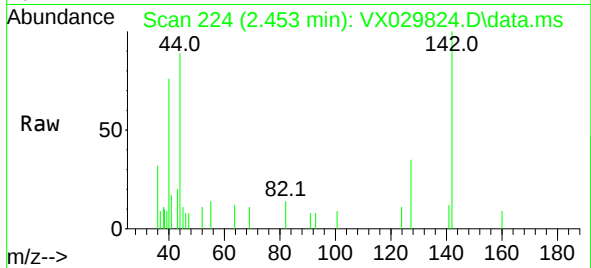




#10
Methyl Iodide
Concen: 0.415 ug/l
RT: 2.453 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX029824.D
Acq: 27 Jun 2022 18:28

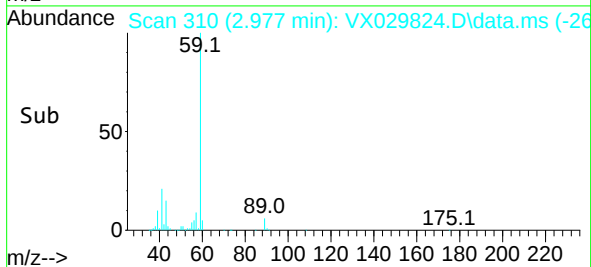
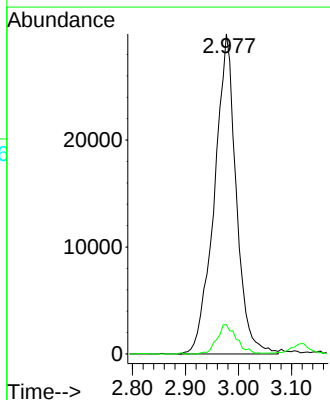
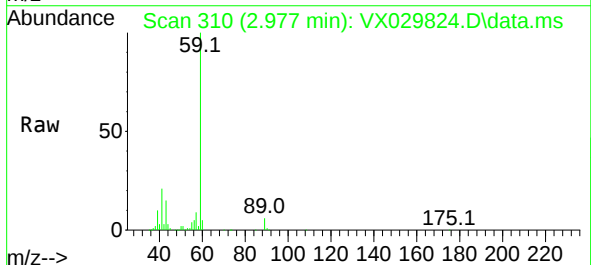
Instrument :
MSVOA_X
ClientSampleId :
MW-27DL

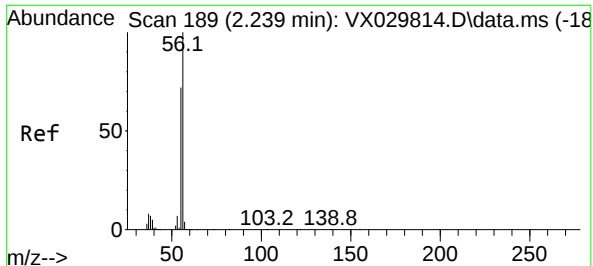
Tgt Ion:142 Resp: 1204
Ion Ratio Lower Upper
142 100
127 43.0 33.9 50.9
141 11.5 11.4 17.2



#11
Tert butyl alcohol
Concen: 95.647 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.006 min
Lab File: VX029824.D
Acq: 27 Jun 2022 18:28

Tgt Ion: 59 Resp: 85688
Ion Ratio Lower Upper
59 100
57 8.3 8.3 12.5#

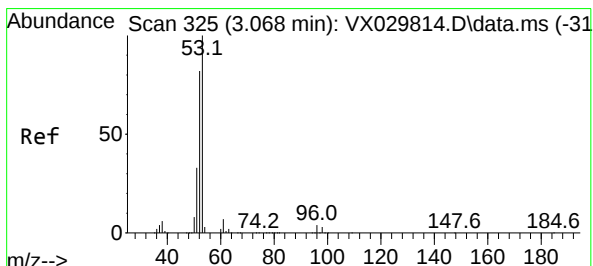
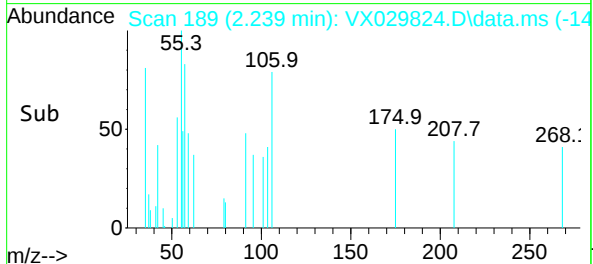
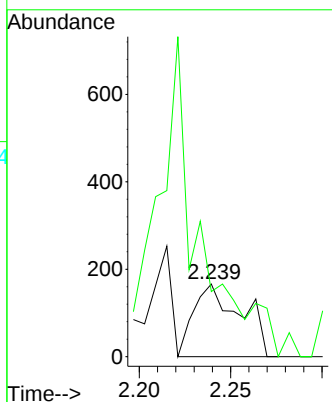
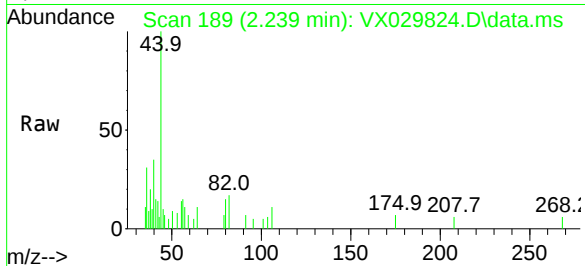




#13
Acrolein
Concen: 0.515 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029824.D
Acq: 27 Jun 2022 18:28

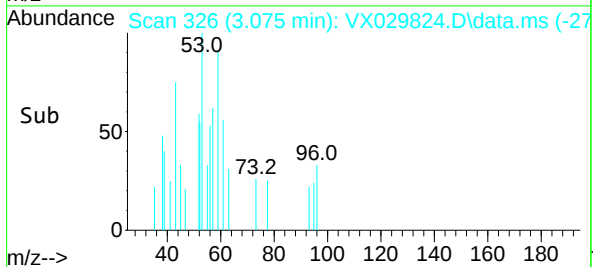
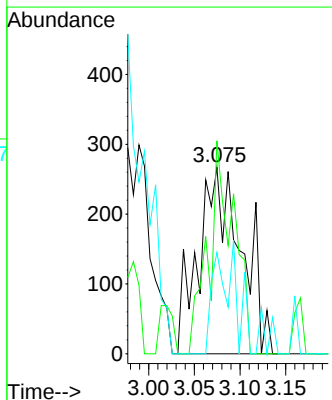
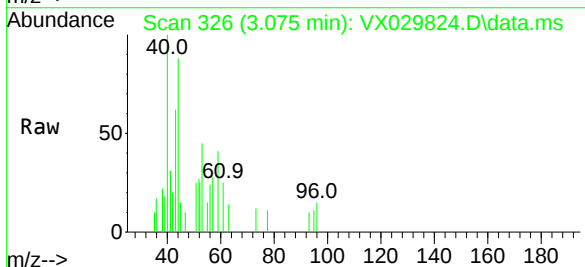
Instrument :
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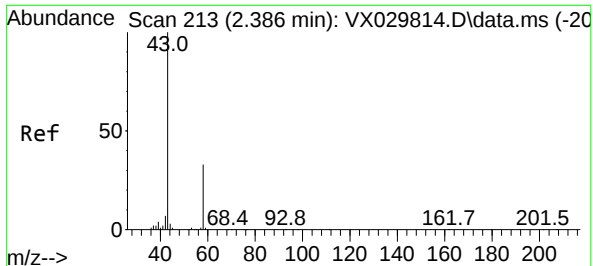
Tgt Ion: 56 Resp: 298
Ion Ratio Lower Upper
56 100
55 0.0 55.0 82.6#



#15
Acrylonitrile
Concen: 0.453 ug/l
RT: 3.075 min Scan# 326
Delta R.T. 0.006 min
Lab File: VX029824.D
Acq: 27 Jun 2022 18:28

Tgt Ion: 53 Resp: 882
Ion Ratio Lower Upper
53 100
52 66.6 65.7 98.5
51 17.2 28.4 42.6#

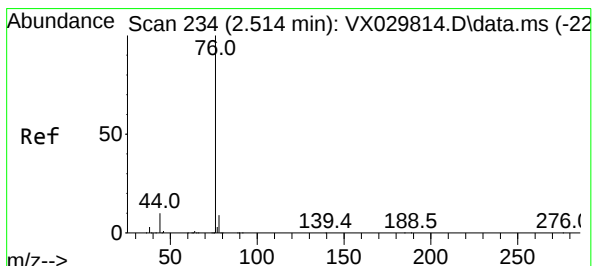
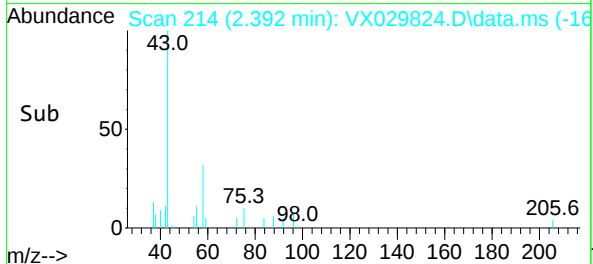
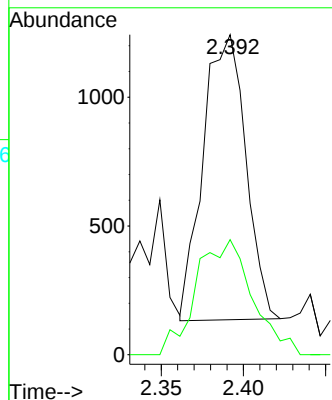
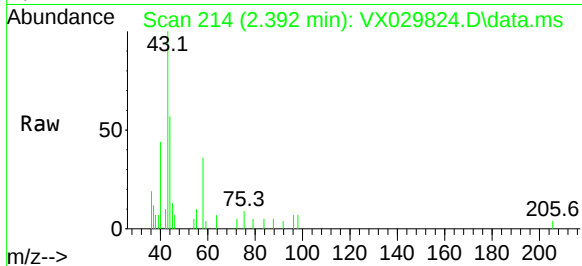




#16
Acetone
Concen: 1.267 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX029824.D
Acq: 27 Jun 2022 18:28

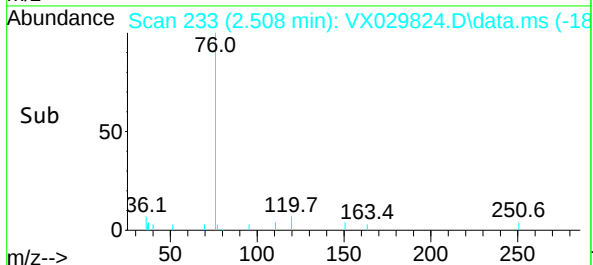
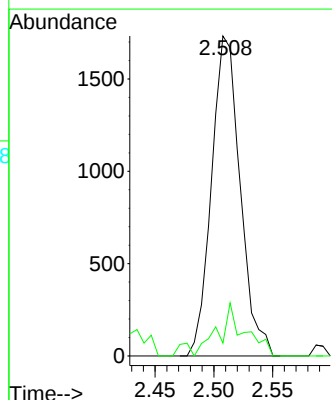
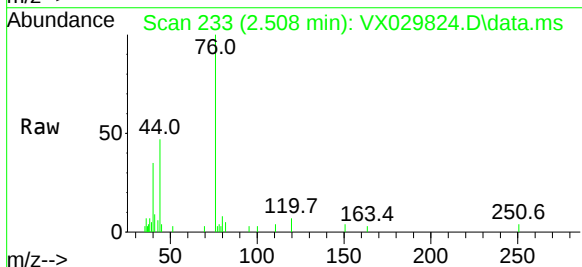
Instrument :
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ClientSampleId :
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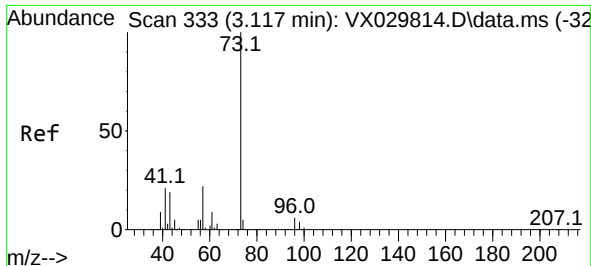
Tgt Ion: 43 Resp: 1997
Ion Ratio Lower Upper
43 100
58 35.6 28.8 43.2



#17
Carbon Disulfide
Concen: 0.439 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX029824.D
Acq: 27 Jun 2022 18:28

Tgt Ion: 76 Resp: 2941
Ion Ratio Lower Upper
76 100
78 4.0 7.2 10.8#

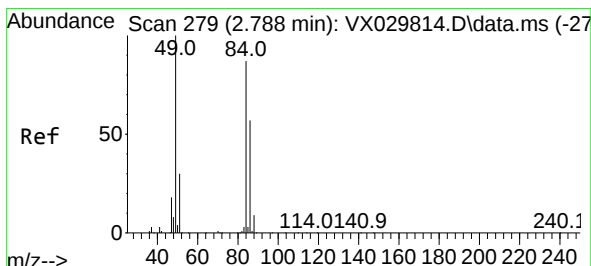
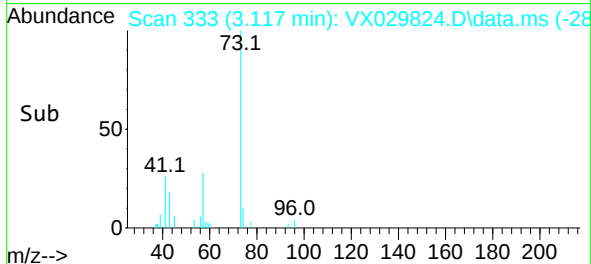
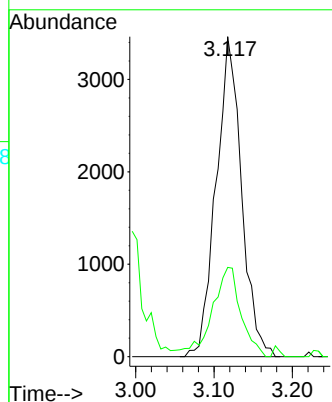
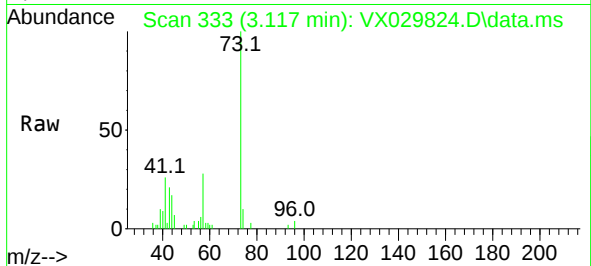




#19
Methyl tert-butyl Ether
Concen: 0.866 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX029824.D
Acq: 27 Jun 2022 18:28

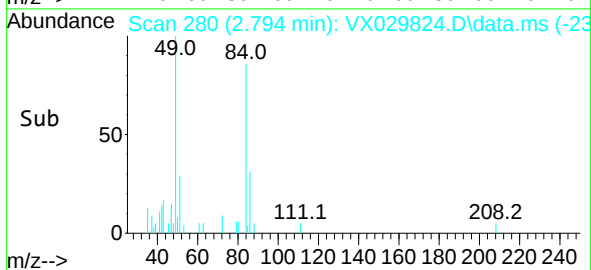
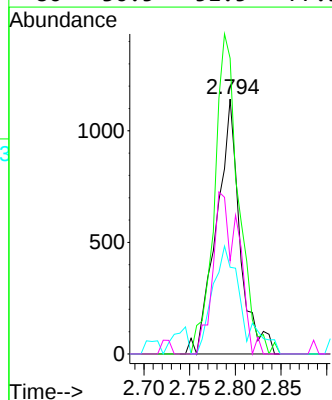
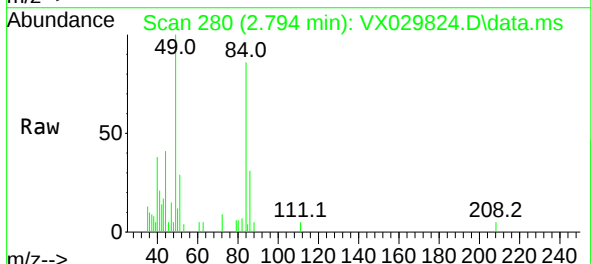
Instrument :
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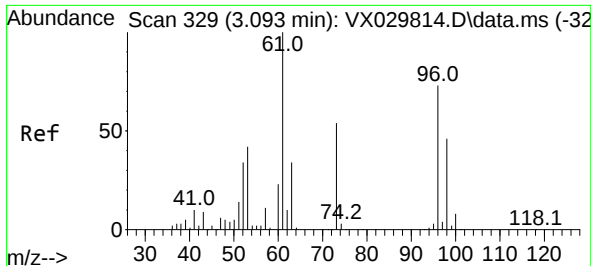
Tgt Ion: 73 Resp: 7796
Ion Ratio Lower Upper
73 100
57 26.3 16.8 25.2#



#20
Methylene Chloride
Concen: 0.624 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX029824.D
Acq: 27 Jun 2022 18:28

Tgt Ion: 84 Resp: 2034
Ion Ratio Lower Upper
84 100
49 116.0 85.5 128.3
51 34.1 26.6 39.8
86 36.5 51.5 77.3#

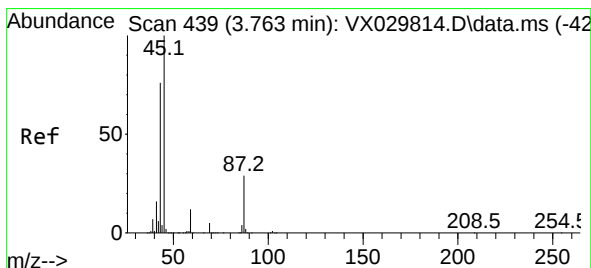
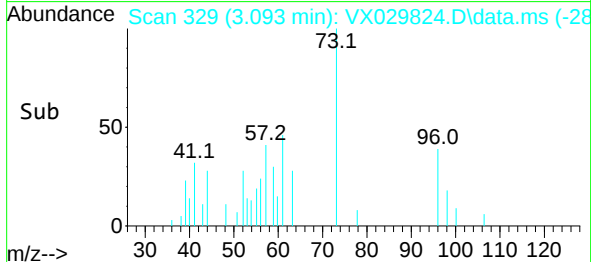
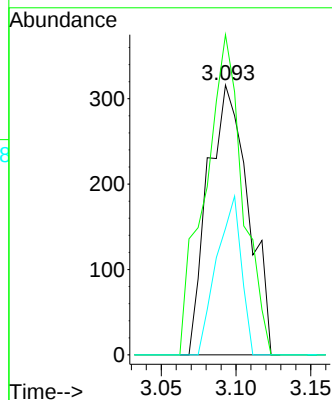
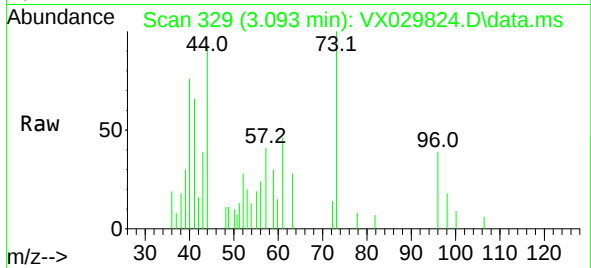




#21
trans-1,2-Dichloroethene
Concen: 0.213 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX029824.D
Acq: 27 Jun 2022 18:28

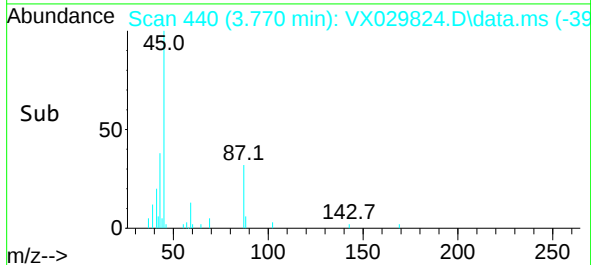
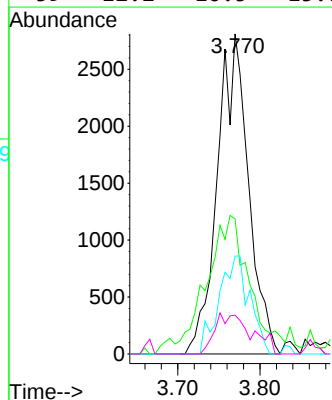
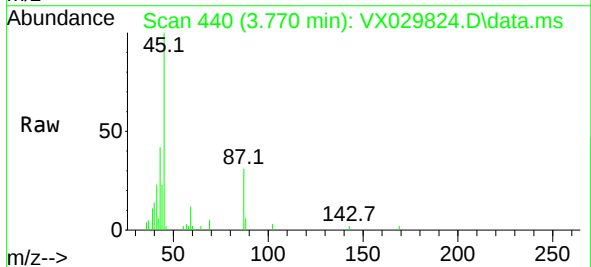
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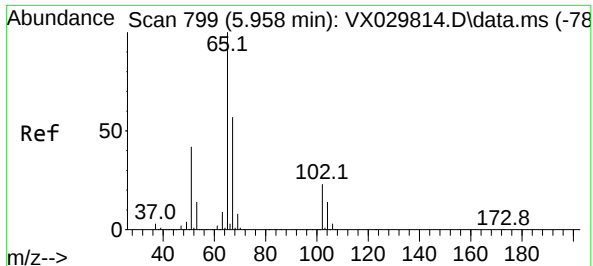
Tgt Ion: 96 Resp: 593
Ion Ratio Lower Upper
96 100
61 118.7 105.4 158.2
98 46.8 50.0 75.0#



#22
Diisopropyl ether
Concen: 0.760 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.006 min
Lab File: VX029824.D
Acq: 27 Jun 2022 18:28

Tgt Ion: 45 Resp: 7385
Ion Ratio Lower Upper
45 100
43 38.2 50.8 76.2#
87 30.5 26.6 39.8
59 12.2 10.5 15.7

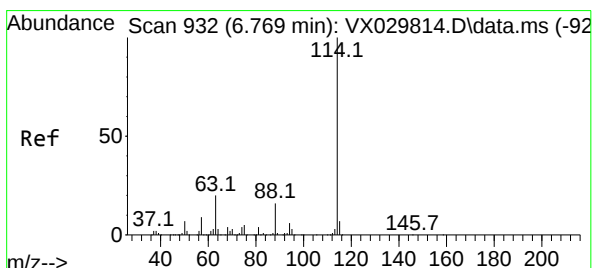
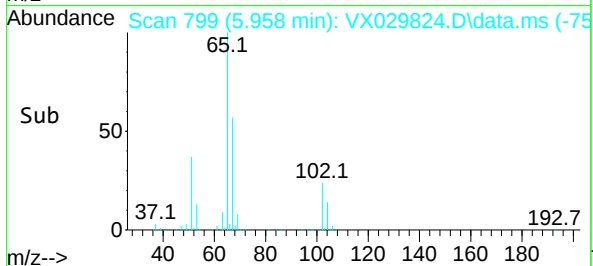
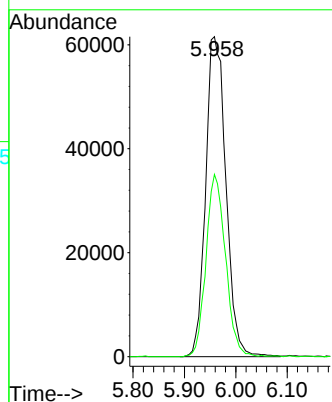
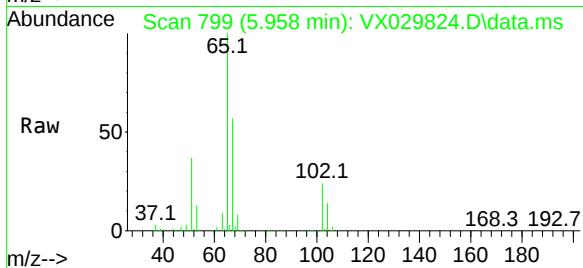




#33
 1,2-Dichloroethane-d4
 Concen: 50.926 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX029824.D
 Acq: 27 Jun 2022 18:28

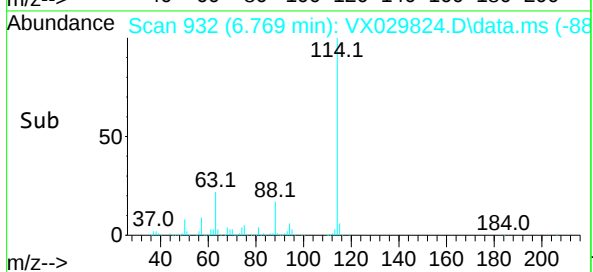
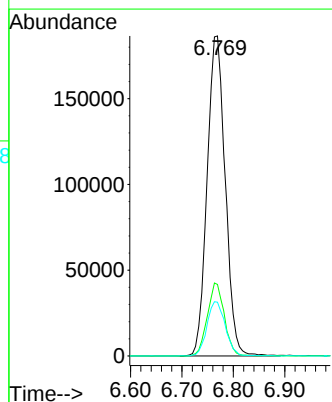
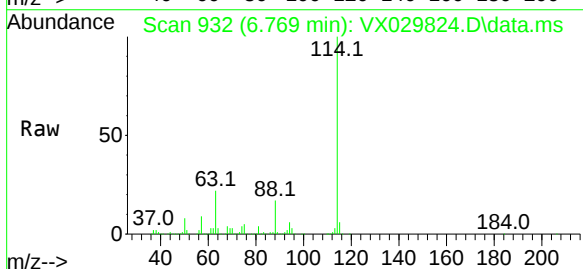
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-27DL

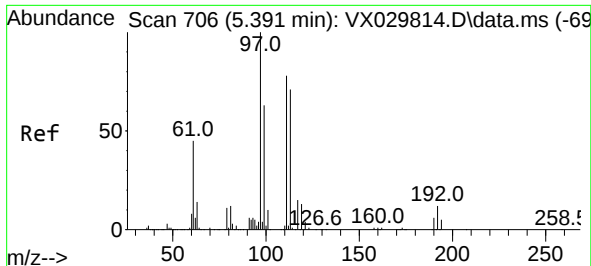
Tgt Ion: 65 Resp: 168380
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX029824.D
 Acq: 27 Jun 2022 18:28

Tgt Ion: 114 Resp: 456839
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 36.8
 88 16.8 0.0 32.4

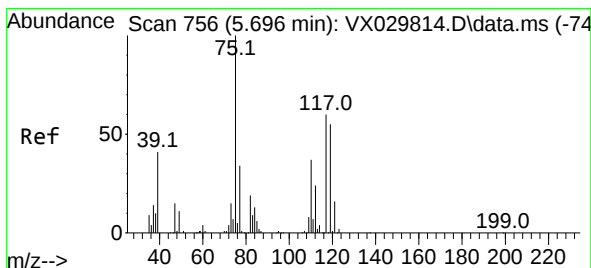
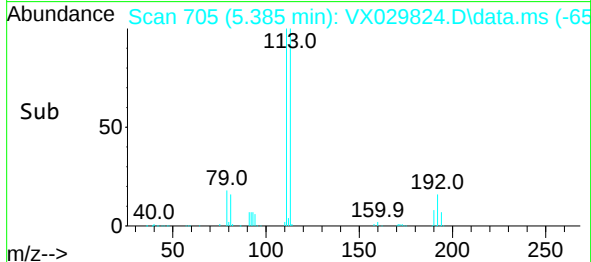
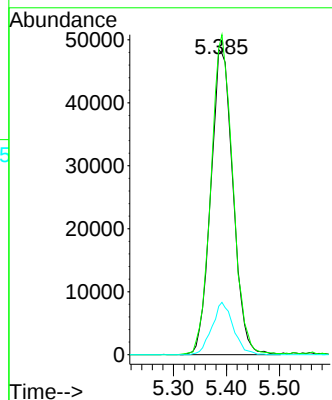
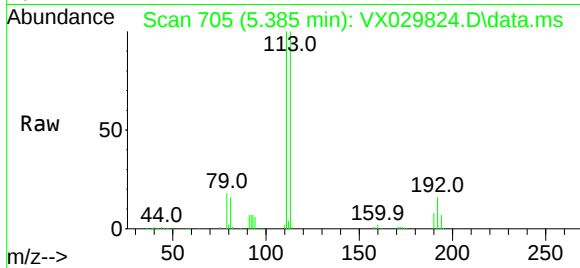




#35
Dibromofluoromethane
Concen: 48.094 ug/l
RT: 5.385 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX029824.D
Acq: 27 Jun 2022 18:28

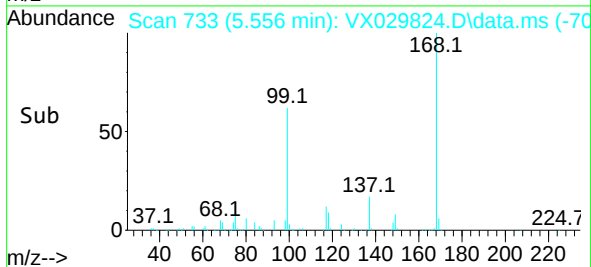
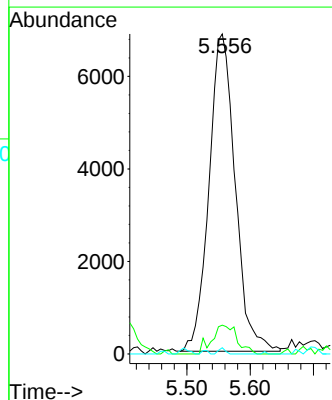
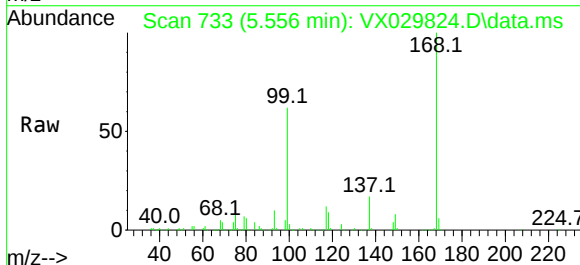
Instrument :
MSVOA_X
ClientSampleId :
MW-27DL

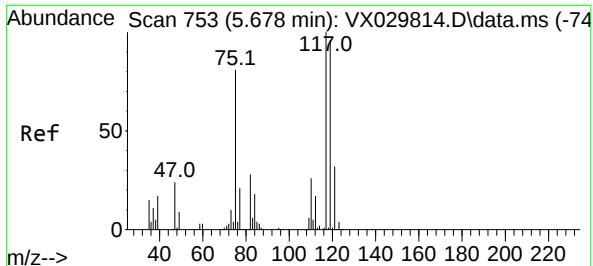
Tgt Ion:113 Resp: 141141
Ion Ratio Lower Upper
113 100
111 103.3 82.8 124.2
192 16.5 16.9 25.3#



#36
1,1-Dichloropropene
Concen: 4.587 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX029824.D
Acq: 27 Jun 2022 18:28

Tgt Ion: 75 Resp: 19717
Ion Ratio Lower Upper
75 100
110 8.7 18.3 54.8#
77 0.5 24.8 37.2#

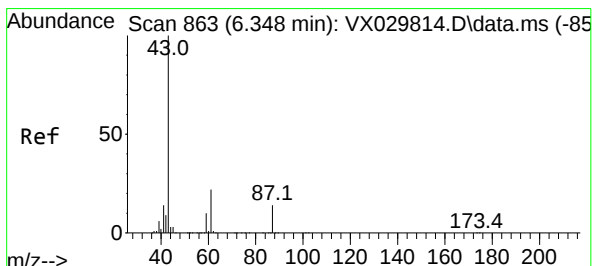
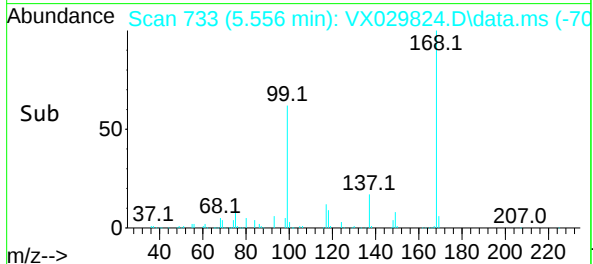
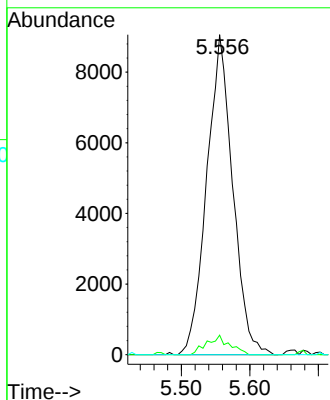
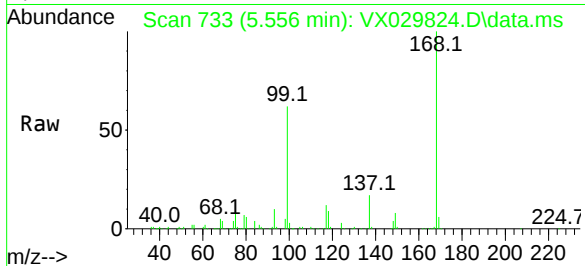




#38
Carbon Tetrachloride
Concen: 6.836 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX029824.D
Acq: 27 Jun 2022 18:28

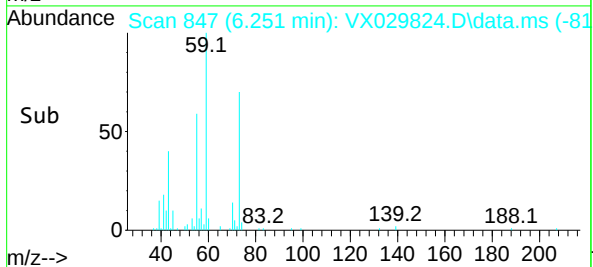
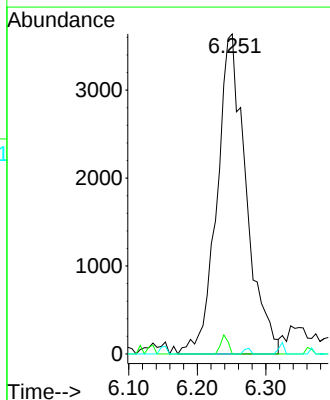
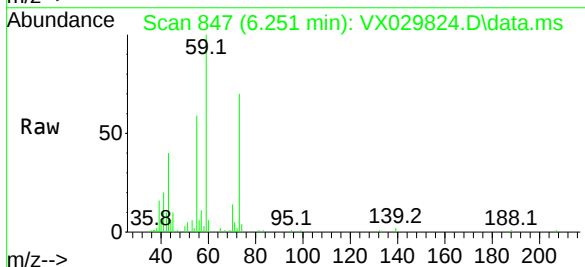
Instrument :
MSVOA_X
ClientSampleId :
MW-27DL

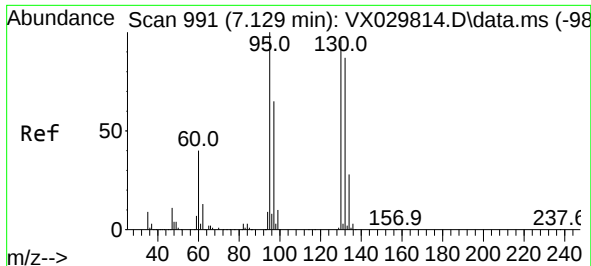
Tgt Ion:117 Resp: 23838
Ion Ratio Lower Upper
117 100
119 6.1 77.3 115.9#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 1.326 ug/l
RT: 6.251 min Scan# 847
Delta R.T. -0.097 min
Lab File: VX029824.D
Acq: 27 Jun 2022 18:28

Tgt Ion: 43 Resp: 10743
Ion Ratio Lower Upper
43 100
61 1.5 18.5 27.7#
87 0.0 13.0 19.6#

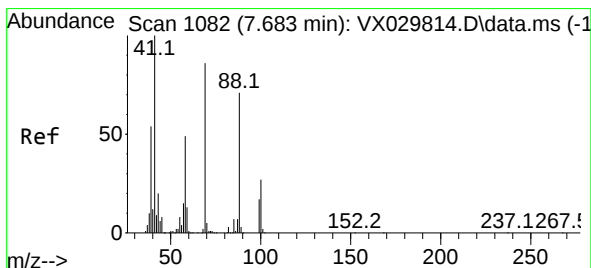
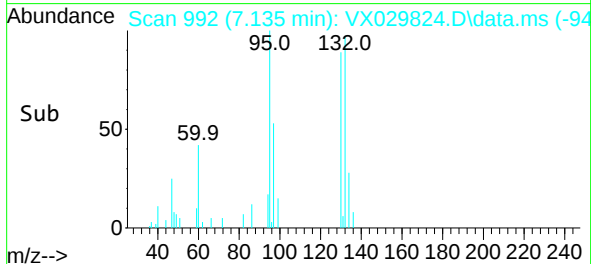
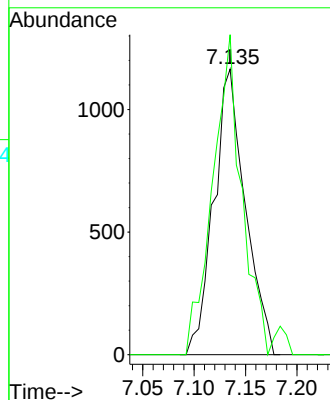
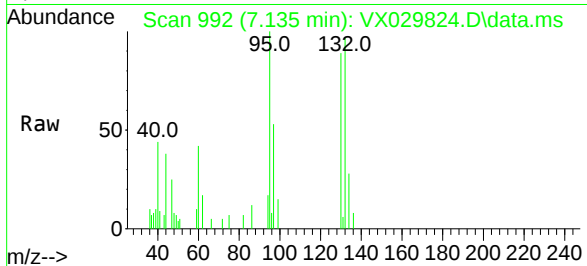




#44
Trichloroethene
Concen: 0.750 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX029824.D
Acq: 27 Jun 2022 18:28

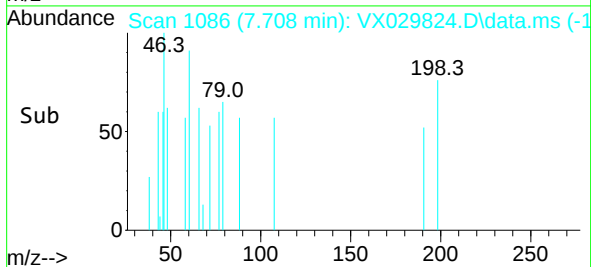
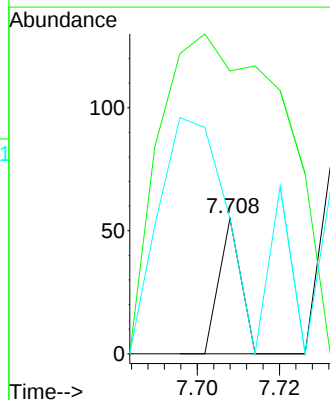
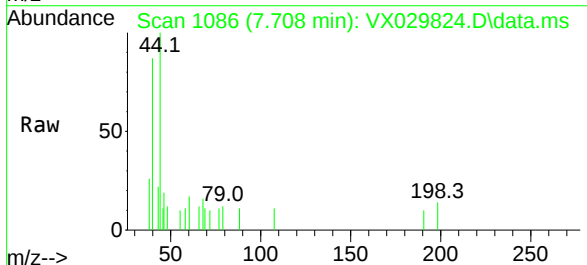
Instrument :
MSVOA_X
ClientSampleId :
MW-27DL

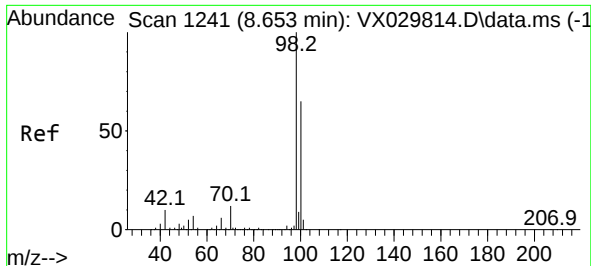
Tgt Ion:130 Resp: 2484
Ion Ratio Lower Upper
130 100
95 112.0 0.0 188.8



#49
1,4-Dioxane
Concen: 0.207 ug/l
RT: 7.708 min Scan# 1086
Delta R.T. 0.024 min
Lab File: VX029824.D
Acq: 27 Jun 2022 18:28

Tgt Ion: 88 Resp: 20
Ion Ratio Lower Upper
88 100
43 1480.0 21.9 32.9#
58 540.0 53.7 80.5#

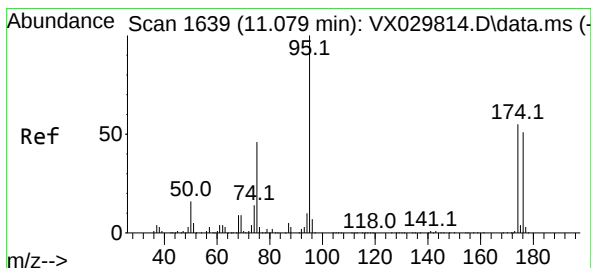
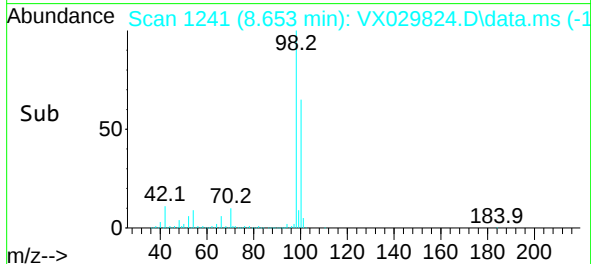
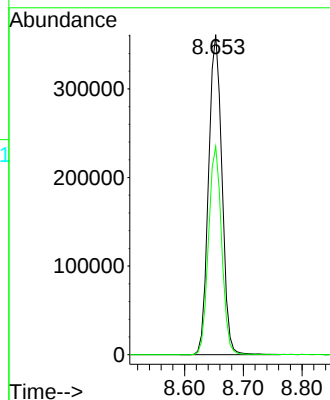
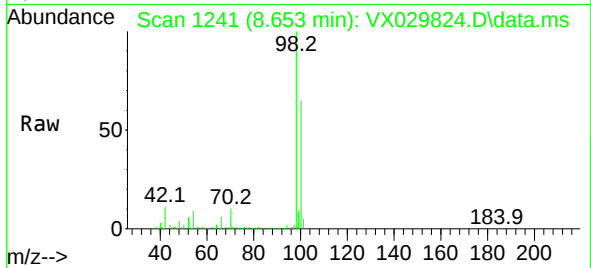




#50
Toluene-d8
Concen: 49.777 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029824.D
Acq: 27 Jun 2022 18:28

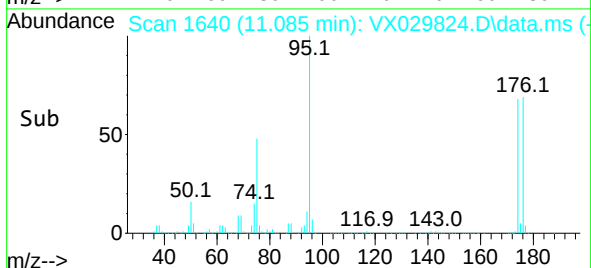
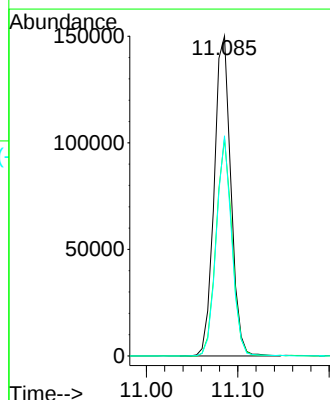
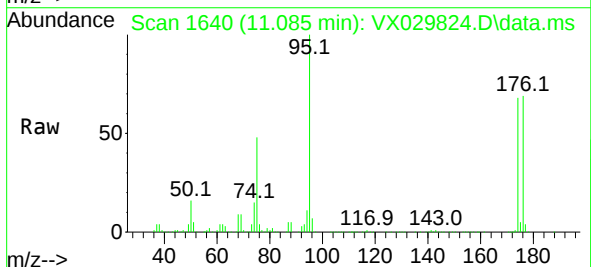
Instrument :
MSVOA_X
ClientSampleId :
MW-27DL

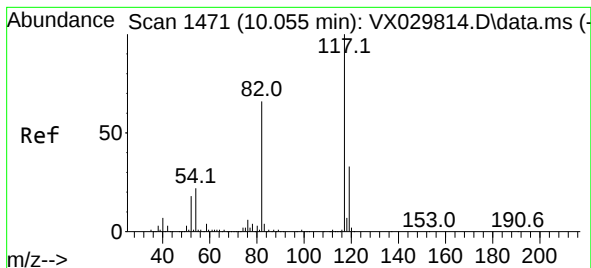
Tgt Ion: 98 Resp: 572071
Ion Ratio Lower Upper
98 100
100 63.7 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 45.199 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX029824.D
Acq: 27 Jun 2022 18:28

Tgt Ion: 95 Resp: 189968
Ion Ratio Lower Upper
95 100
174 65.0 0.0 163.0
176 63.7 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: VX029824.D

Acq: 27 Jun 2022 18:28

Instrument :

MSVOA_X

ClientSampleId :

MW-27DL

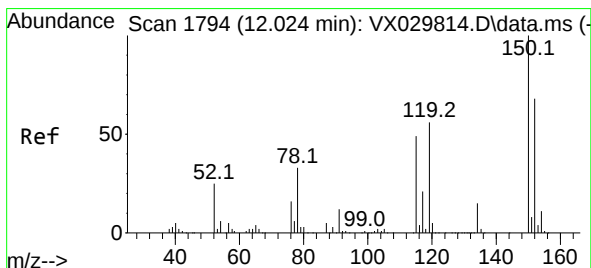
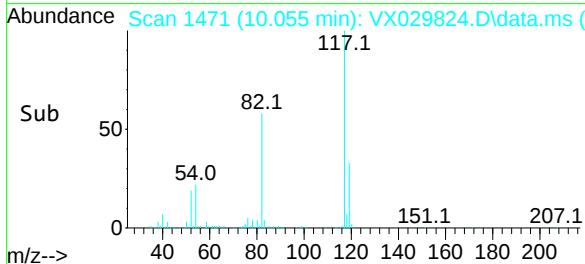
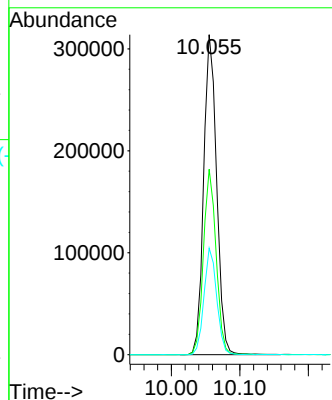
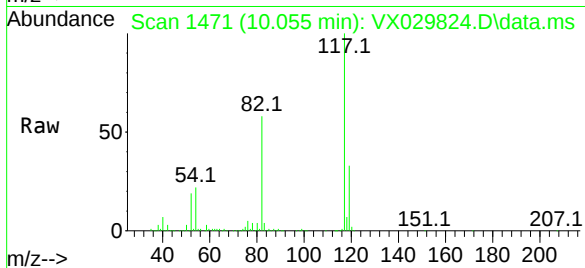
Tgt Ion:117 Resp: 413665

Ion Ratio Lower Upper

117 100

82 57.9 41.8 62.8

119 33.3 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: VX029824.D

Acq: 27 Jun 2022 18:28

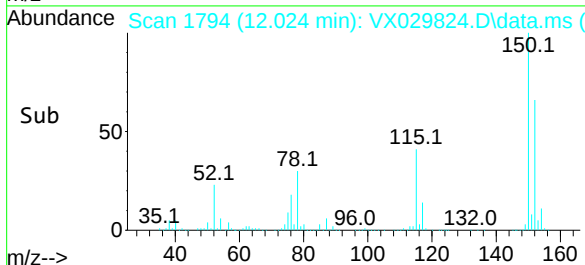
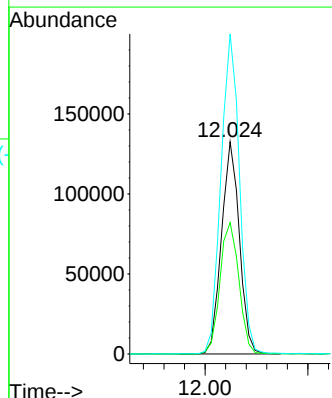
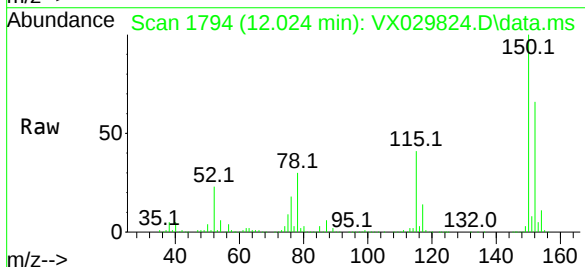
Tgt Ion:152 Resp: 160015

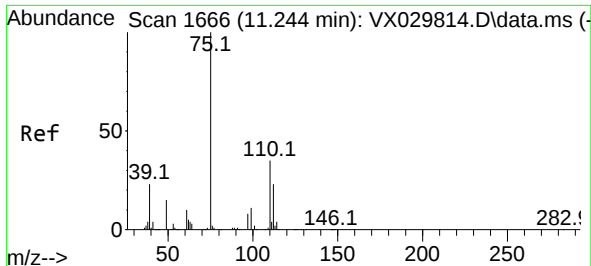
Ion Ratio Lower Upper

152 100

115 65.5 37.5 112.7

150 156.1 0.0 338.2

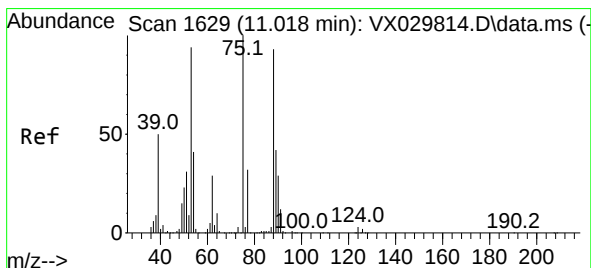
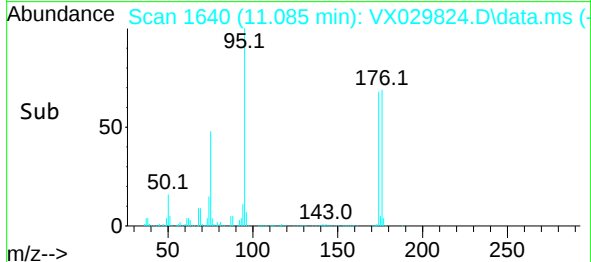
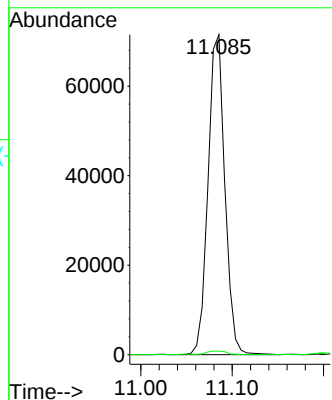
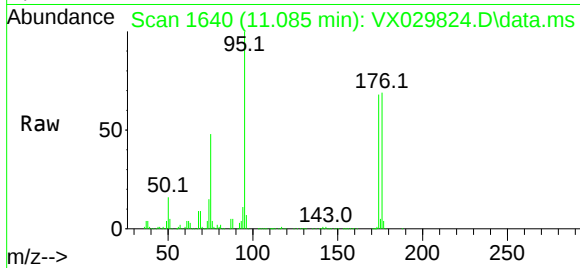




#76
1,2,3-Trichloropropane
Concen: 20.113 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX029824.D
Acq: 27 Jun 2022 18:28

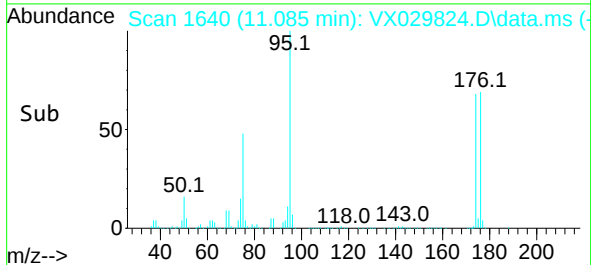
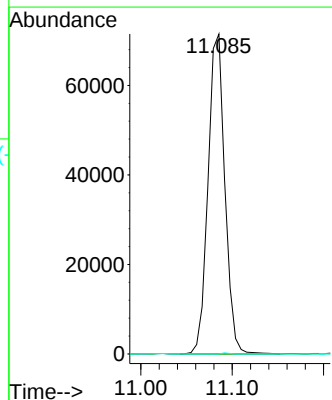
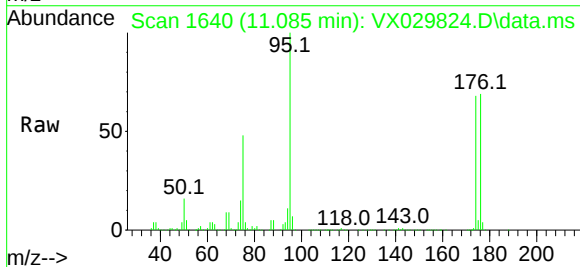
Instrument :
MSVOA_X
ClientSampleId :
MW-27DL

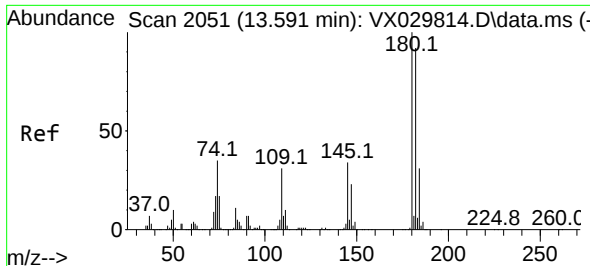
Tgt Ion: 75 Resp: 91236
Ion Ratio Lower Upper
75 100
77 1.5 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.173 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX029824.D
Acq: 27 Jun 2022 18:28

Tgt Ion: 75 Resp: 91236
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.1 37.0 55.6#

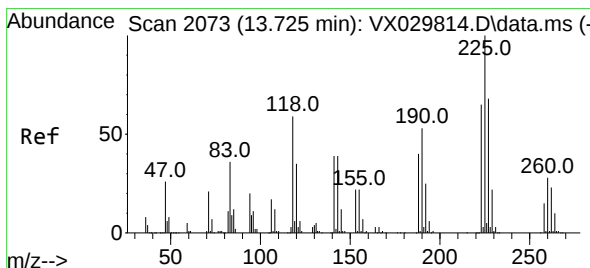
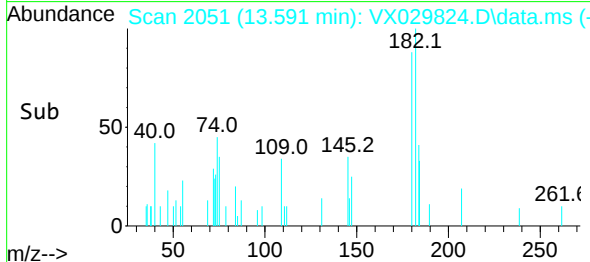
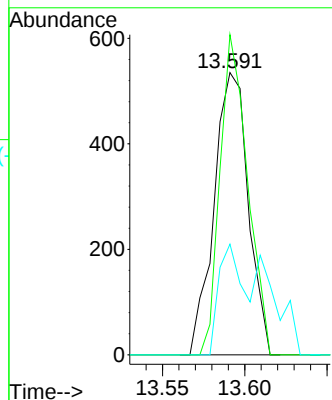
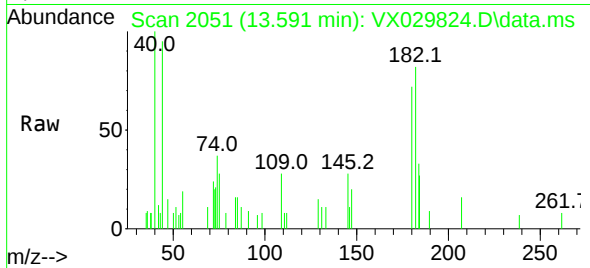




#93
1,2,4-Trichlorobenzene
Concen: 0.239 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX029824.D
Acq: 27 Jun 2022 18:28

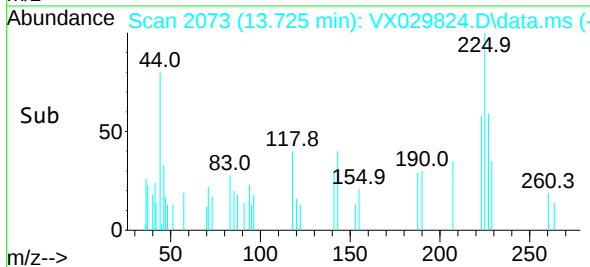
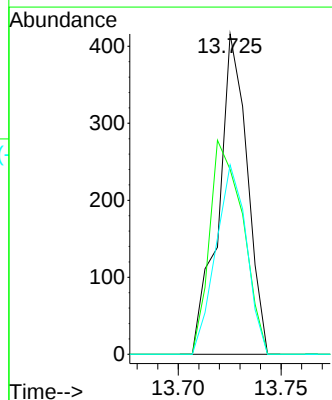
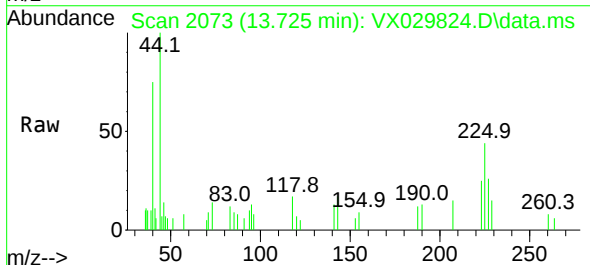
Instrument :
MSVOA_X
ClientSampleId :
MW-27DL

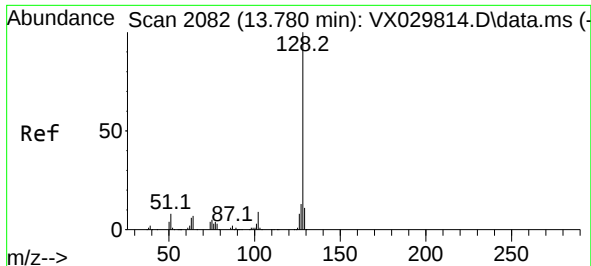
Tgt Ion:180 Resp: 772
Ion Ratio Lower Upper
180 100
182 91.5 47.7 143.1
145 29.0 15.2 45.5



#94
Hexachlorobutadiene
Concen: 0.349 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX029824.D
Acq: 27 Jun 2022 18:28

Tgt Ion:225 Resp: 404
Ion Ratio Lower Upper
225 100
223 77.2 34.2 102.5
227 63.1 33.9 101.7

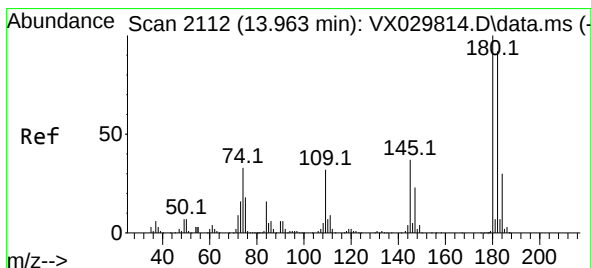
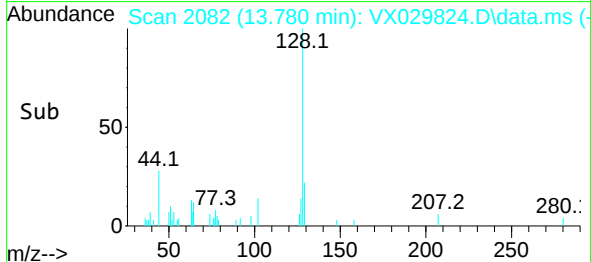
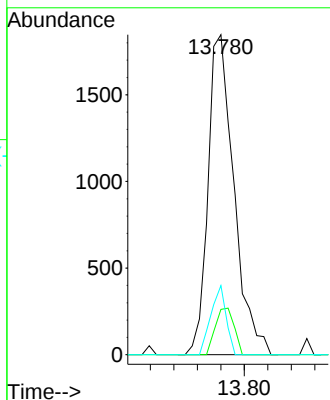
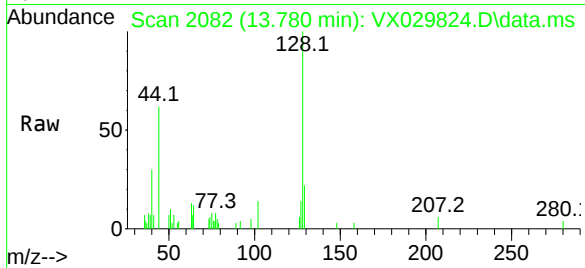




#95
Naphthalene
Concen: 0.207 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX029824.D
Acq: 27 Jun 2022 18:28

Instrument :
MSVOA_X
ClientSampleId :
MW-27DL

Tgt Ion:	128	Resp:	2831
Ion	Ratio	Lower	Upper
128	100		
127	10.5	10.2	15.4
129	12.7	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 0.268 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX029824.D
Acq: 27 Jun 2022 18:28

Tgt Ion:	180	Resp:	873
Ion	Ratio	Lower	Upper
180	100		
182	69.2	50.0	149.8
145	37.5	16.2	48.5

