

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052722\
 Data File : VX029027.D
 Acq On : 27 May 2022 16:24
 Operator : JC/MD
 Sample : N2968-06DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-28

Quant Time: May 27 22:10:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

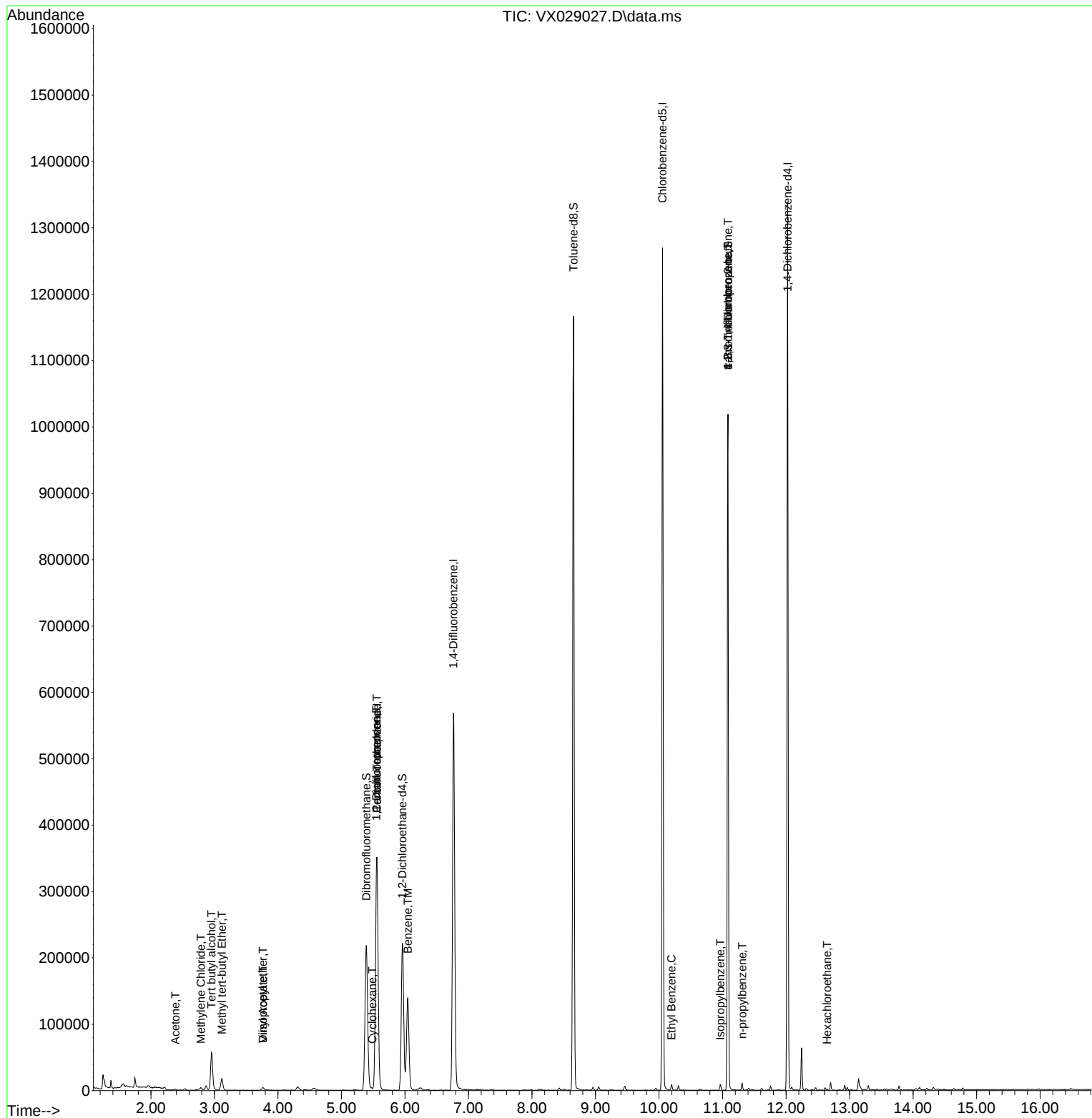
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	338024	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	599247	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	575763	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	273855	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	217911	47.029	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.060%
35) Dibromofluoromethane	5.391	113	196222	49.978	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.960%
50) Toluene-d8	8.653	98	708327	47.852	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.700%
62) 4-Bromofluorobenzene	11.085	95	281792	50.968	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	101.940%
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	1275	Below Cal		95
6) Chloroethane	1.617	64	409	Below Cal		100
11) Tert butyl alcohol	2.952	59	61150	55.995	ug/l	96
16) Acetone	2.385	43	1857	0.934	ug/l	91
19) Methyl tert-butyl Ether	3.117	73	19010	1.531	ug/l	98
20) Methylene Chloride	2.788	84	1207	0.289	ug/l	90
22) Diisopropyl ether	3.763	45	4248	0.354	ug/l #	86
23) Vinyl Acetate	3.763	43	2294	0.222	ug/l #	66
31) Cyclohexane	5.482	56	1660	0.258	ug/l #	71
36) 1,1-Dichloropropene	5.550	75	25353	4.299	ug/l #	50
38) Carbon Tetrachloride	5.556	117	35636	6.005	ug/l #	16
40) Benzene	6.043	78	176060	10.388	ug/l	98
67) Ethyl Benzene	10.195	91	5221	0.238	ug/l	97
73) Isopropylbenzene	10.963	105	4830	0.233	ug/l	99
76) 1,2,3-Trichloropropane	11.085	75	139514	21.753	ug/l #	38
78) n-propylbenzene	11.311	91	6740	0.281	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.085	75	139514	63.743	ug/l #	15
90) Hexachloroethane	12.646	117	909	0.324	ug/l #	10

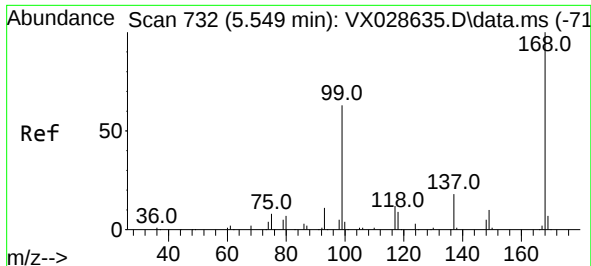
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 27 22:10:02 2022
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Quant Title : SW846 8260
QLast Update : Thu May 12 14:58:53 2022
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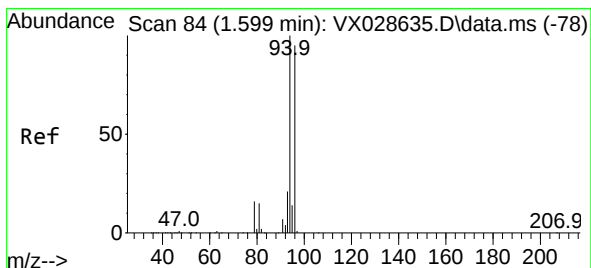
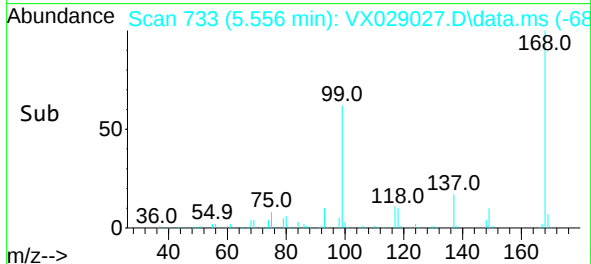
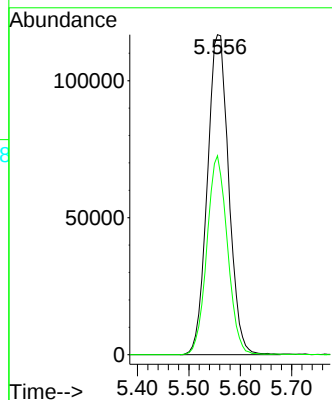
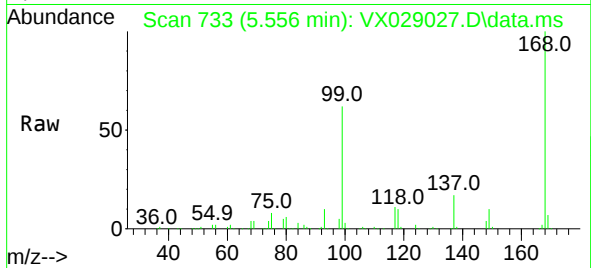




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX029027.D
Acq: 27 May 2022 16:24

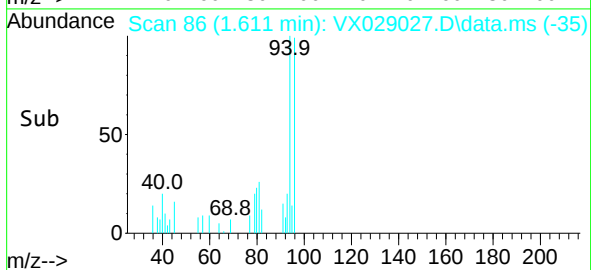
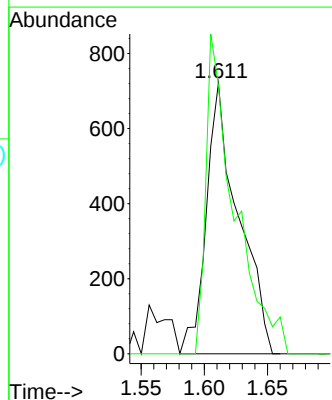
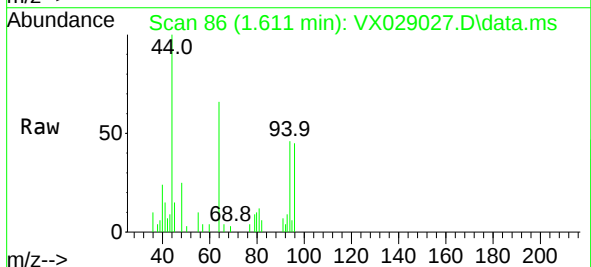
Instrument :
MSVOA_X
ClientSampleId :
MW-28

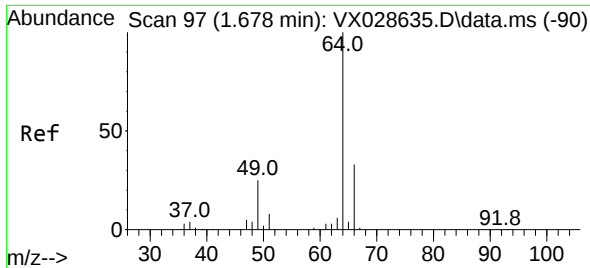
Tgt Ion:168 Resp: 338024
Ion Ratio Lower Upper
168 100
99 62.2 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX029027.D
Acq: 27 May 2022 16:24

Tgt Ion: 94 Resp: 1275
Ion Ratio Lower Upper
94 100
96 99.0 75.3 112.9

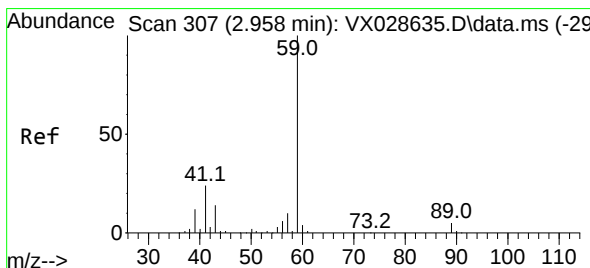
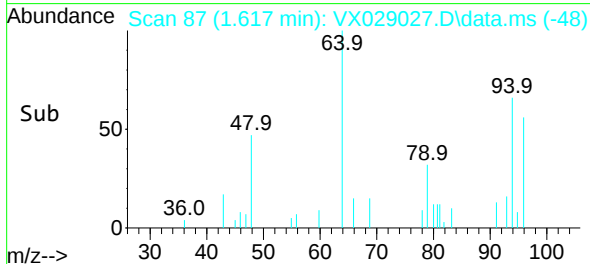
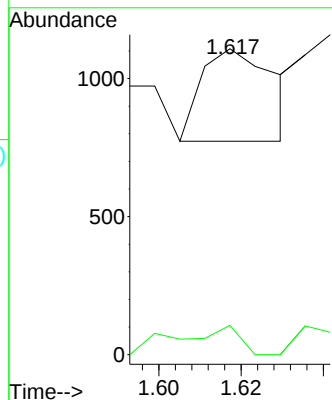
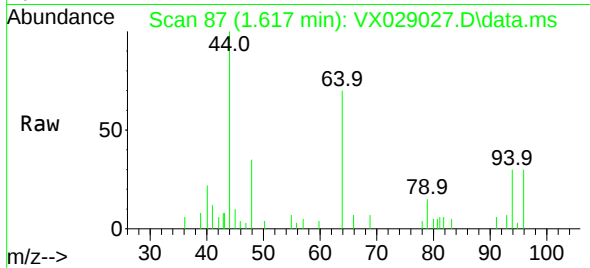




#6
Chloroethane
Concen: Below Cal
RT: 1.617 min Scan# 81
Delta R.T. -0.061 min
Lab File: VX029027.D
Acq: 27 May 2022 16:24

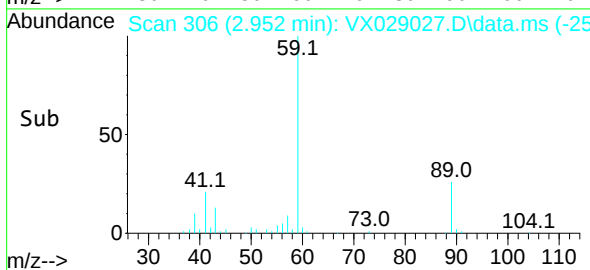
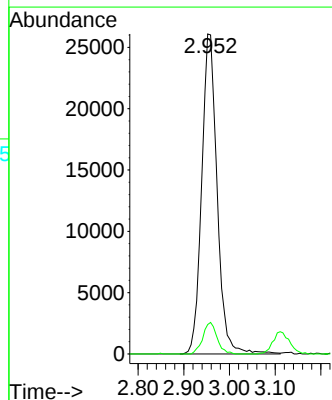
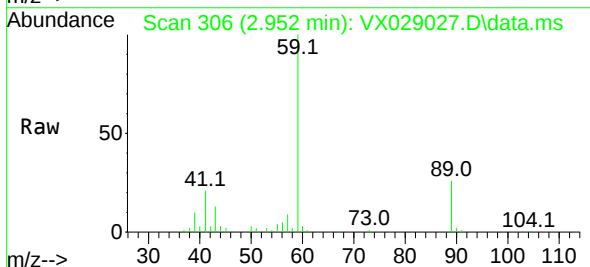
Instrument :
MSVOA_X
ClientSampleId :
MW-28

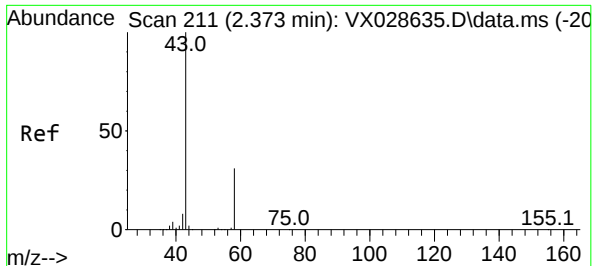
Tgt Ion: 64 Resp: 409
Ion Ratio Lower Upper
64 100
66 31.6 25.3 37.9



#11
Tert butyl alcohol
Concen: 55.995 ug/l
RT: 2.952 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX029027.D
Acq: 27 May 2022 16:24

Tgt Ion: 59 Resp: 61150
Ion Ratio Lower Upper
59 100
57 9.1 8.3 12.5

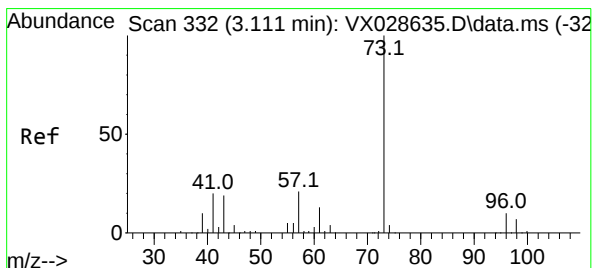
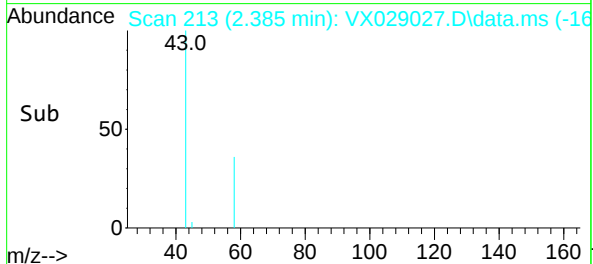
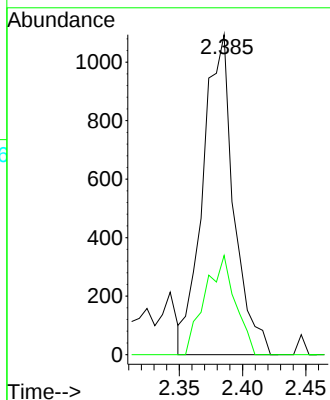
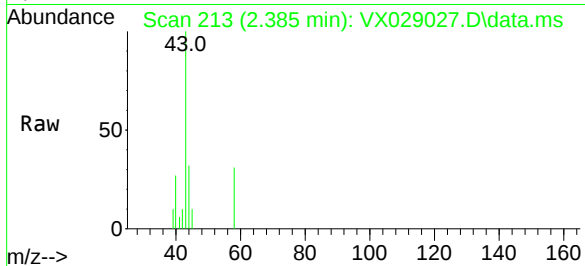




#16
Acetone
Concen: 0.934 ug/l
RT: 2.385 min Scan# 211
Delta R.T. 0.012 min
Lab File: VX029027.D
Acq: 27 May 2022 16:24

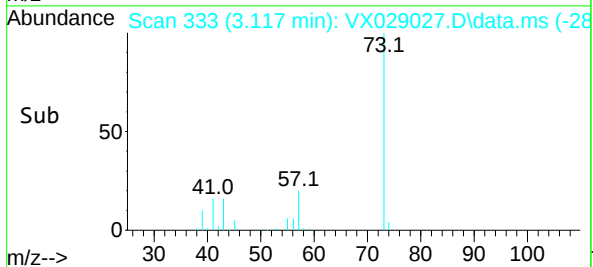
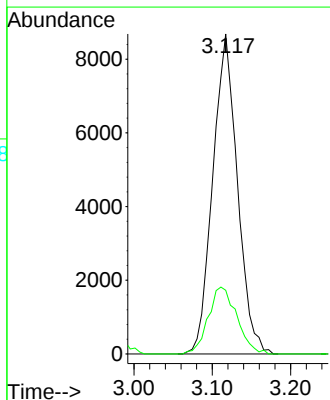
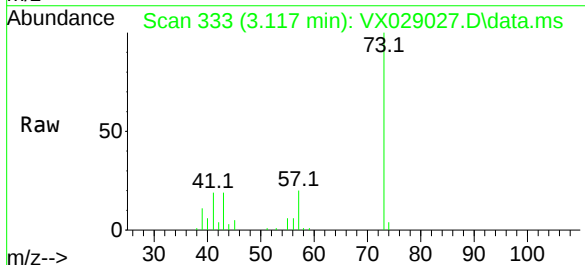
Instrument :
MSVOA_X
ClientSampleId :
MW-28

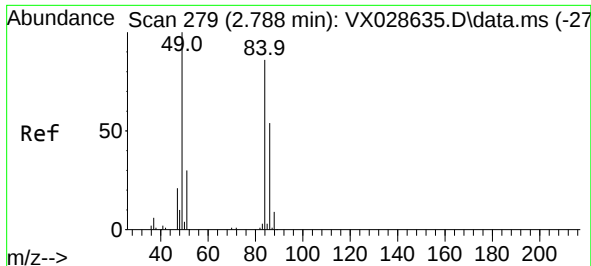
Tgt Ion: 43 Resp: 1857
Ion Ratio Lower Upper
43 100
58 31.0 28.8 43.2



#19
Methyl tert-butyl Ether
Concen: 1.531 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX029027.D
Acq: 27 May 2022 16:24

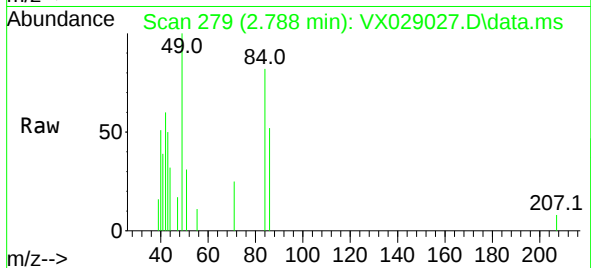
Tgt Ion: 73 Resp: 19010
Ion Ratio Lower Upper
73 100
57 19.9 16.8 25.2



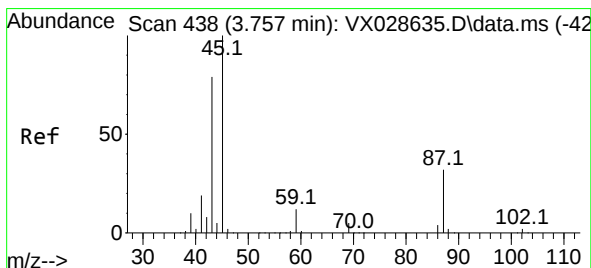
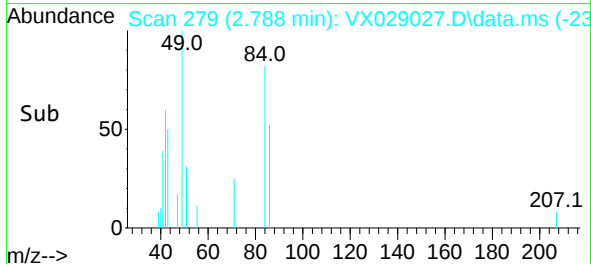
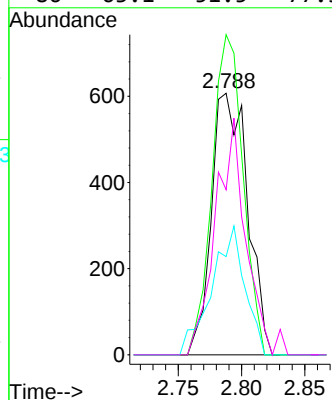


#20
Methylene Chloride
Concen: 0.289 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX029027.D
Acq: 27 May 2022 16:24

Instrument :
MSVOA_X
ClientSampleId :
MW-28

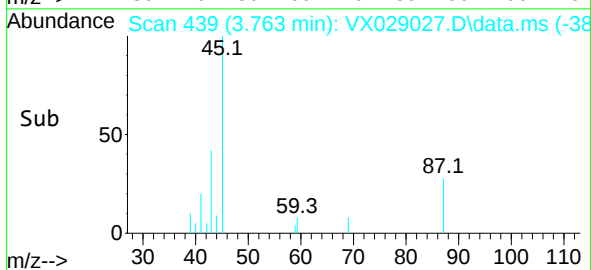
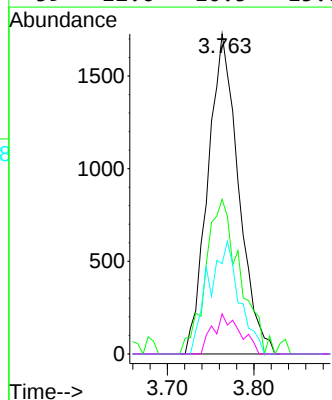
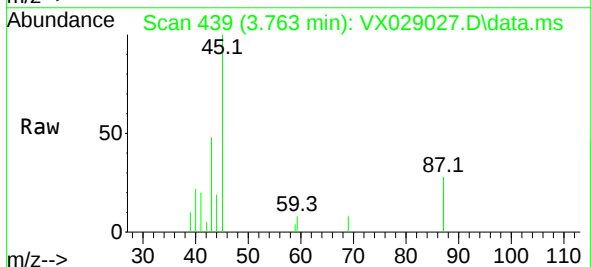


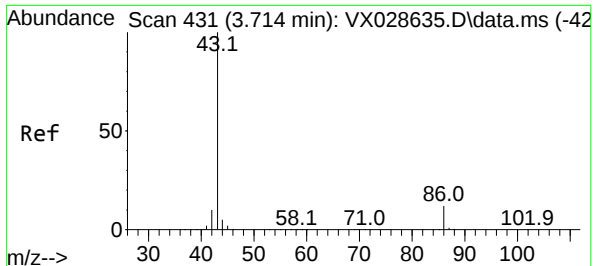
Tgt Ion:	84	Resp:	1207
Ion	Ratio	Lower	Upper
84	100		
49	122.4	85.5	128.3
51	37.6	26.6	39.8
86	63.1	51.5	77.3



#22
Diisopropyl ether
Concen: 0.354 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX029027.D
Acq: 27 May 2022 16:24

Tgt Ion:	45	Resp:	4248
Ion	Ratio	Lower	Upper
45	100		
43	48.3	50.8	76.2#
87	28.3	26.6	39.8
59	12.6	10.5	15.7

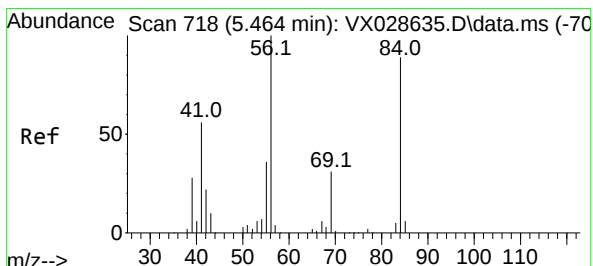
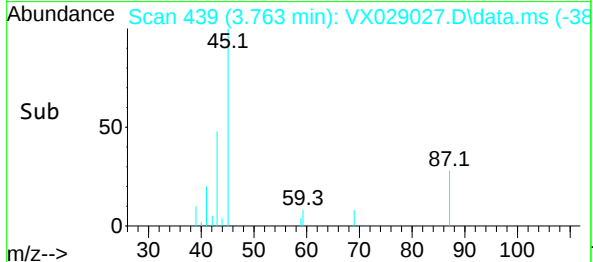
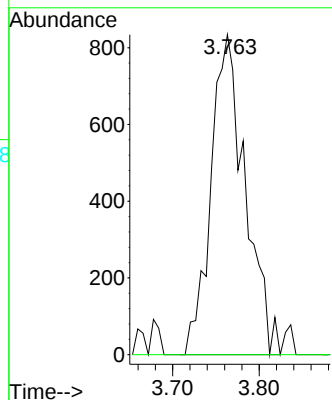
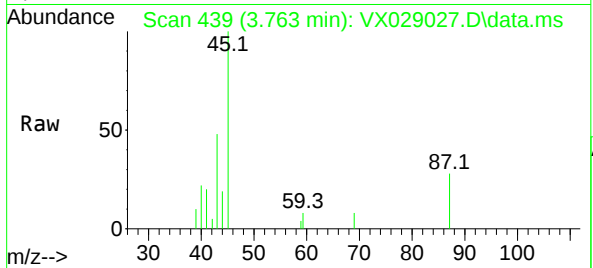




#23
 Vinyl Acetate
 Concen: 0.222 ug/l
 RT: 3.763 min Scan# 41
 Delta R.T. 0.049 min
 Lab File: VX029027.D
 Acq: 27 May 2022 16:24

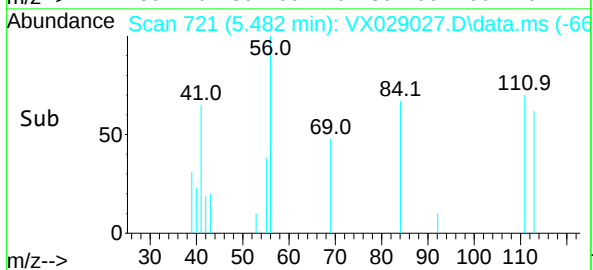
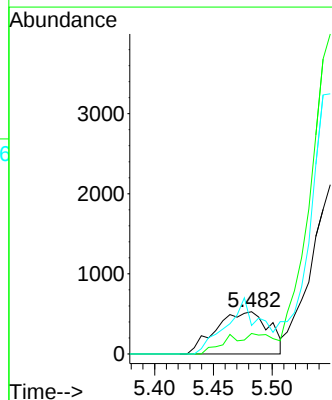
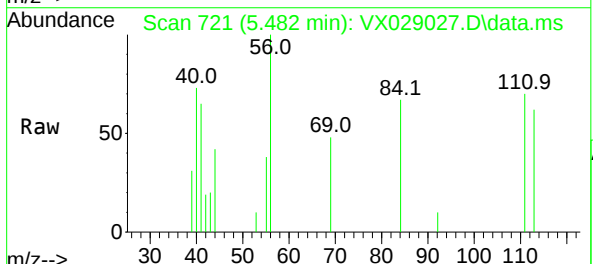
Instrument :
 MSVOA_X
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 MW-28

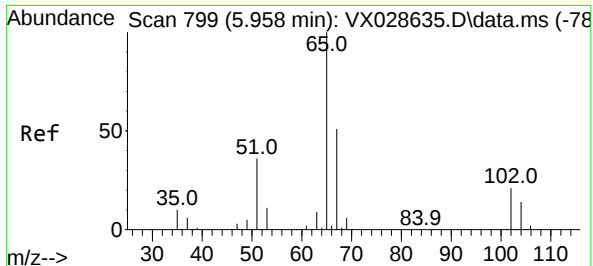
Tgt Ion: 43 Resp: 2294
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.8 16.2#



#31
 Cyclohexane
 Concen: 0.258 ug/l
 RT: 5.482 min Scan# 721
 Delta R.T. 0.018 min
 Lab File: VX029027.D
 Acq: 27 May 2022 16:24

Tgt Ion: 56 Resp: 1660
 Ion Ratio Lower Upper
 56 100
 69 48.5 26.7 40.1#
 84 67.2 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 47.029 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX029027.D

Acq: 27 May 2022 16:24

Instrument :

MSVOA_X

ClientSampleId :

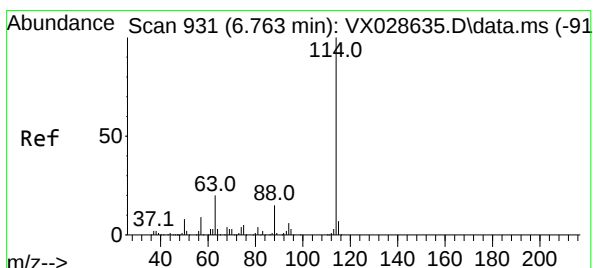
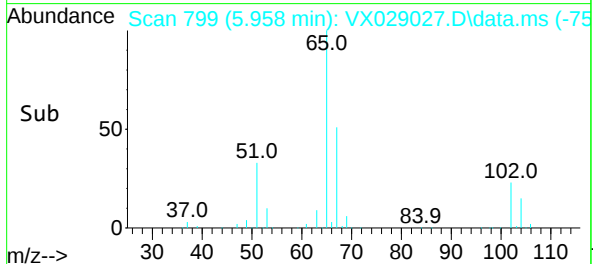
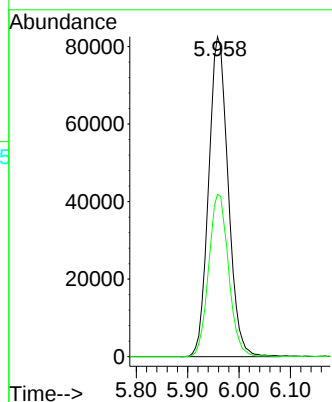
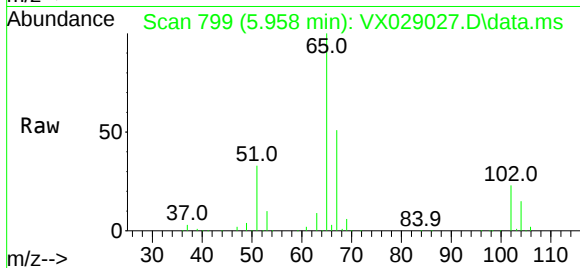
MW-28

Tgt Ion: 65 Resp: 217911

Ion Ratio Lower Upper

65 100

67 51.7 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: VX029027.D

Acq: 27 May 2022 16:24

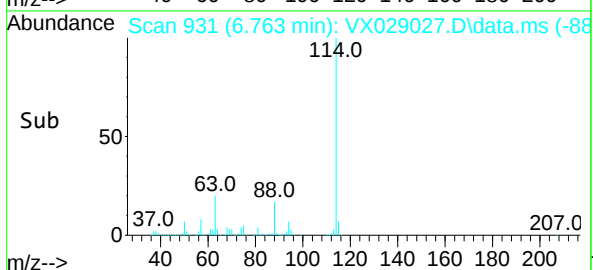
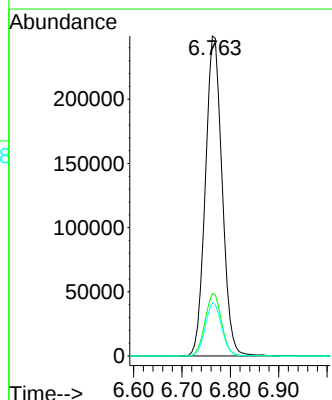
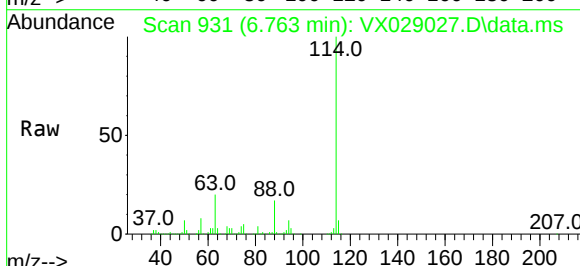
Tgt Ion: 114 Resp: 599247

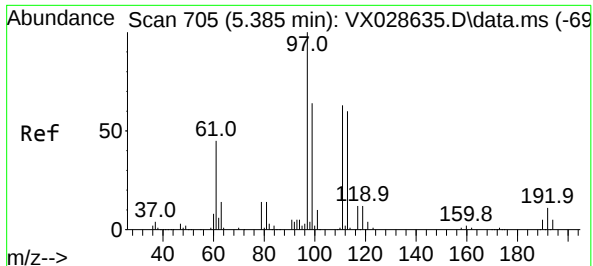
Ion Ratio Lower Upper

114 100

63 19.5 0.0 36.8

88 16.7 0.0 32.4





#35

Dibromofluoromethane

Concen: 49.978 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX029027.D

Acq: 27 May 2022 16:24

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MW-28

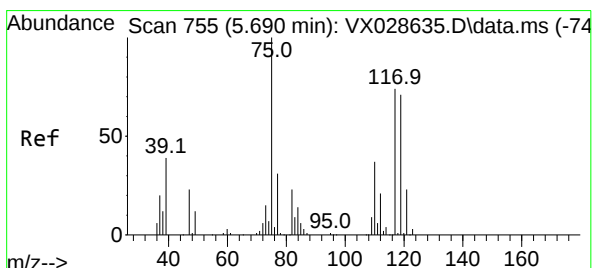
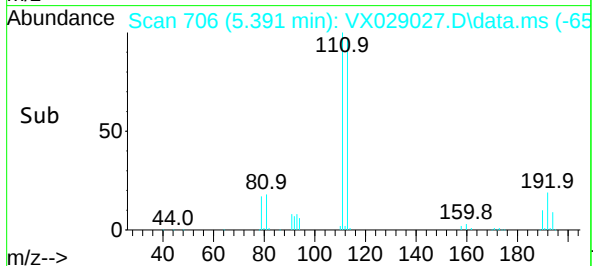
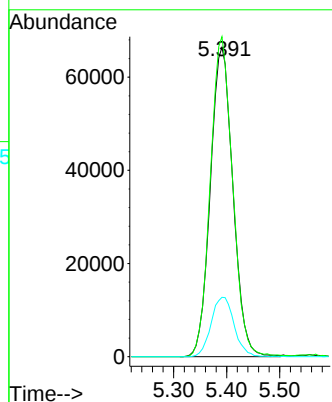
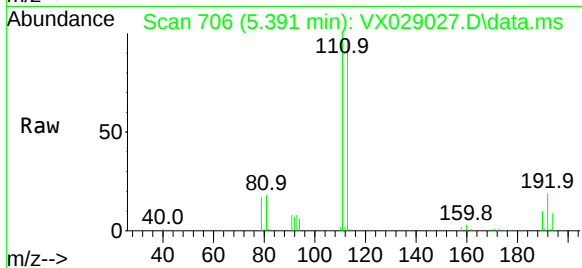
Tgt Ion:113 Resp: 196222

Ion Ratio Lower Upper

113 100

111 101.8 82.8 124.2

192 19.6 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.299 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.141 min

Lab File: VX029027.D

Acq: 27 May 2022 16:24

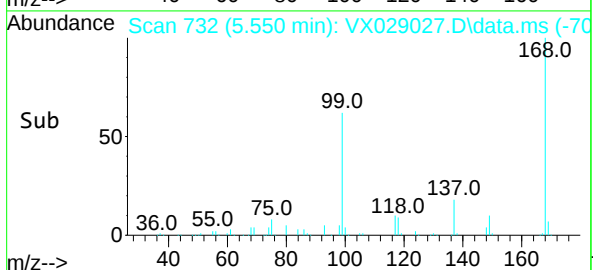
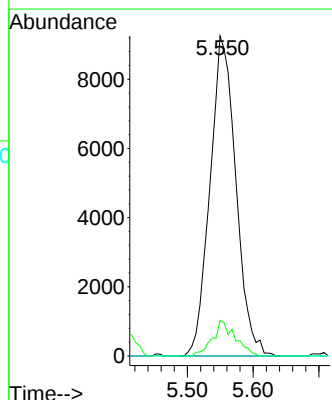
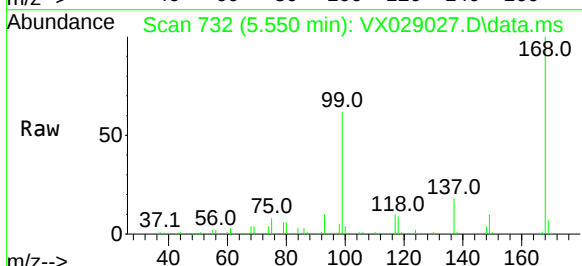
Tgt Ion: 75 Resp: 25353

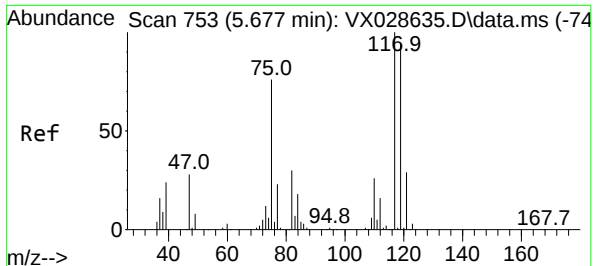
Ion Ratio Lower Upper

75 100

110 9.7 18.3 54.8#

77 0.0 24.8 37.2#

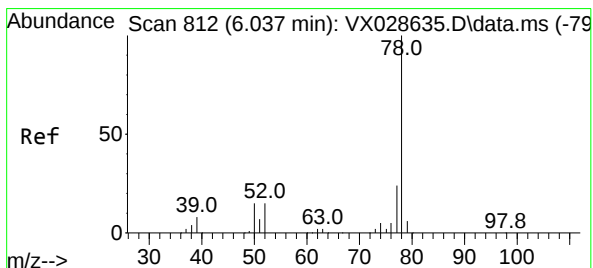
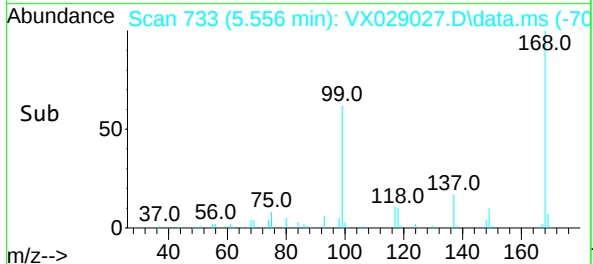
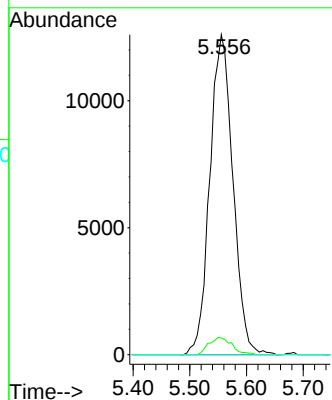
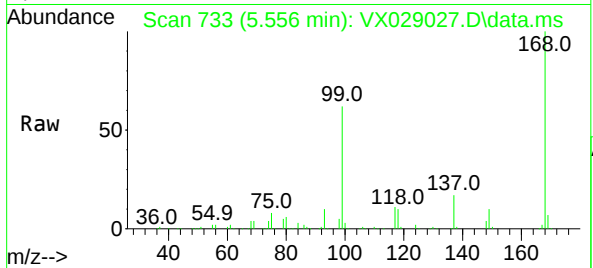




#38
Carbon Tetrachloride
Concen: 6.005 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.121 min
Lab File: VX029027.D
Acq: 27 May 2022 16:24

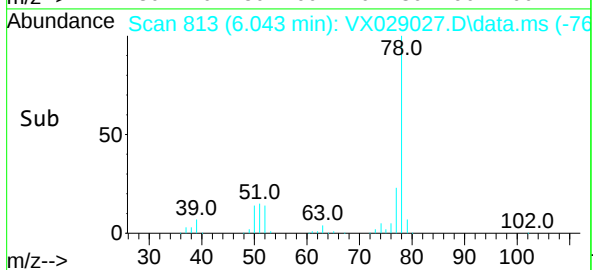
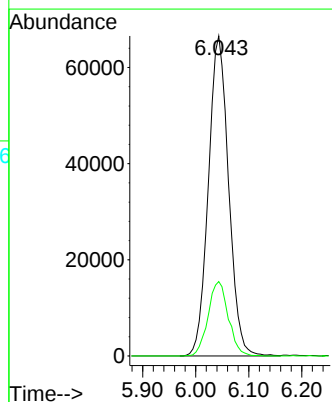
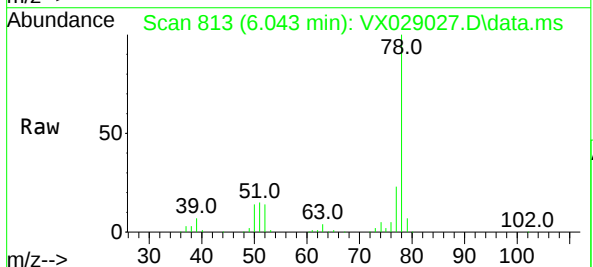
Instrument :
MSVOA_X
ClientSampleId :
MW-28

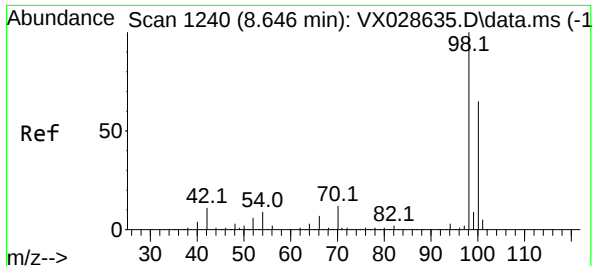
Tgt Ion:117 Resp: 35636
Ion Ratio Lower Upper
117 100
119 5.2 77.3 115.9#
121 0.0 24.2 36.2#



#40
Benzene
Concen: 10.388 ug/l
RT: 6.043 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX029027.D
Acq: 27 May 2022 16:24

Tgt Ion: 78 Resp: 176060
Ion Ratio Lower Upper
78 100
77 23.3 19.3 28.9

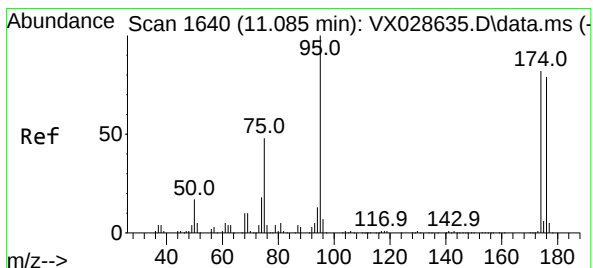
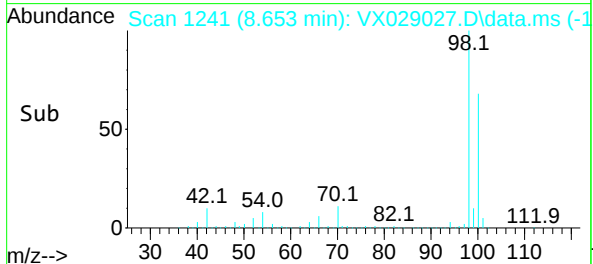
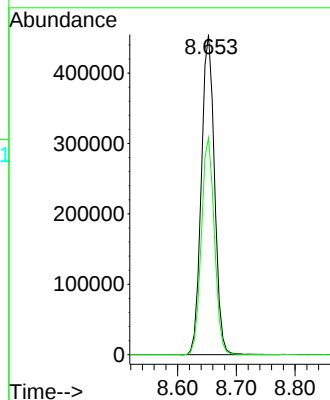
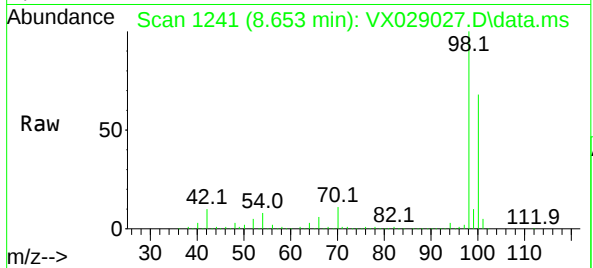




#50
Toluene-d8
Concen: 47.852 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX029027.D
Acq: 27 May 2022 16:24

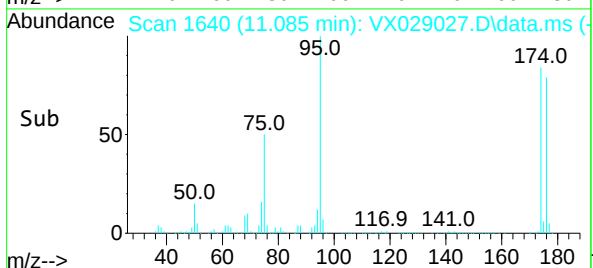
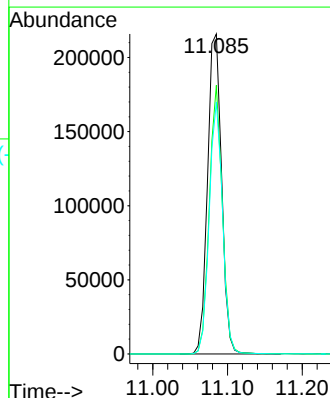
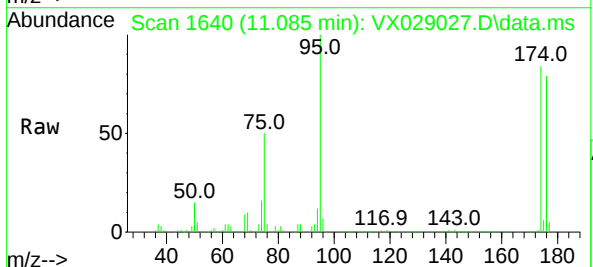
Instrument :
MSVOA_X
ClientSampleId :
MW-28

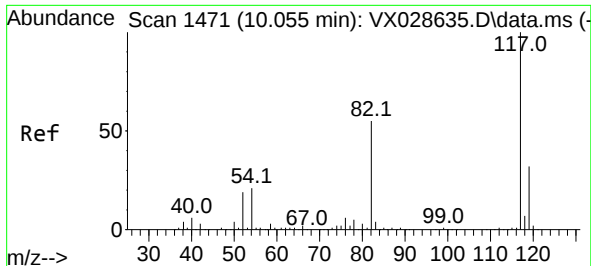
Tgt Ion: 98 Resp: 708327
Ion Ratio Lower Upper
98 100
100 67.2 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 50.968 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX029027.D
Acq: 27 May 2022 16:24

Tgt Ion: 95 Resp: 281792
Ion Ratio Lower Upper
95 100
174 77.8 0.0 163.0
176 74.7 0.0 155.0

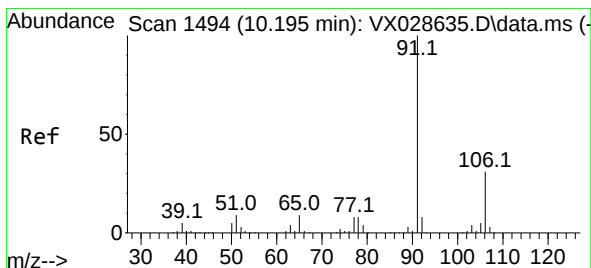
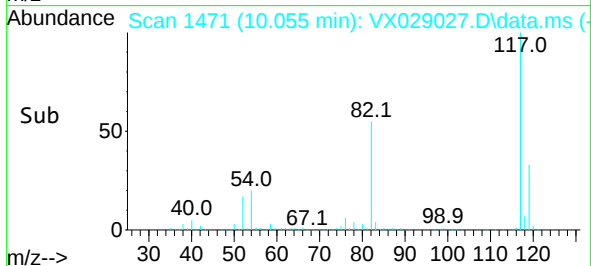
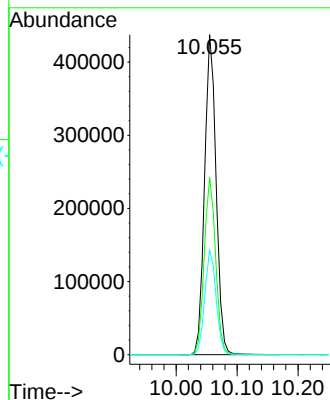
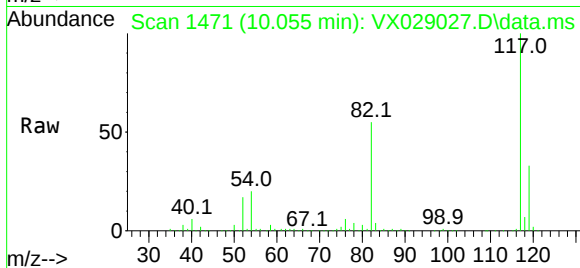




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029027.D
Acq: 27 May 2022 16:24

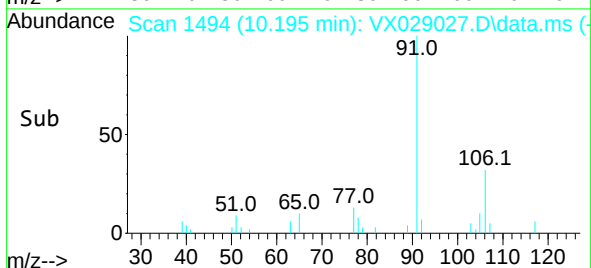
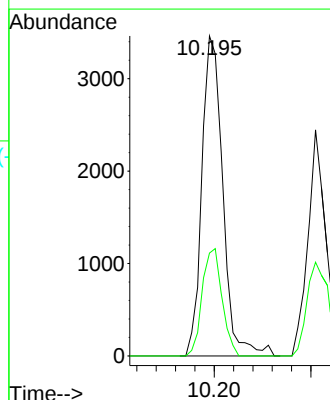
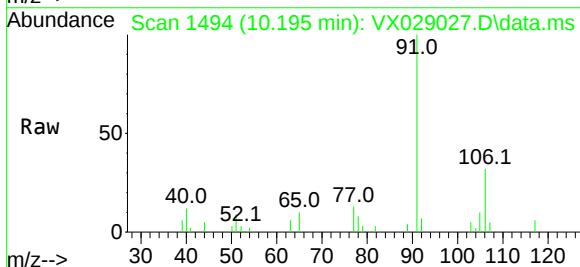
Instrument :
MSVOA_X
ClientSampleId :
MW-28

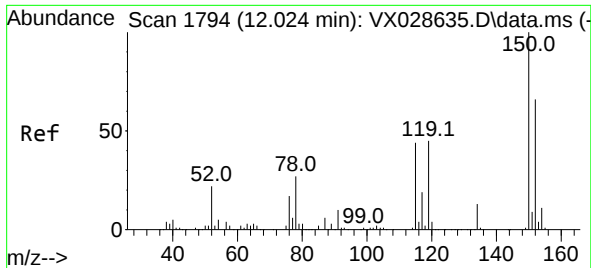
Tgt Ion:117 Resp: 575763
Ion Ratio Lower Upper
117 100
82 55.4 41.8 62.8
119 32.7 24.8 37.2



#67
Ethyl Benzene
Concen: 0.238 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX029027.D
Acq: 27 May 2022 16:24

Tgt Ion: 91 Resp: 5221
Ion Ratio Lower Upper
91 100
106 32.2 24.6 36.8

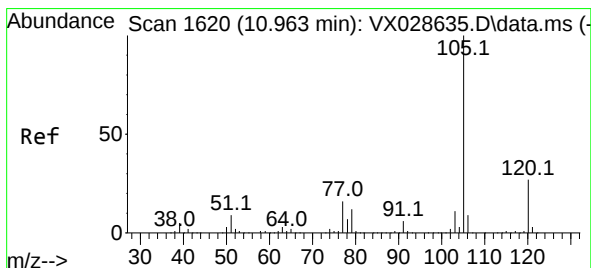
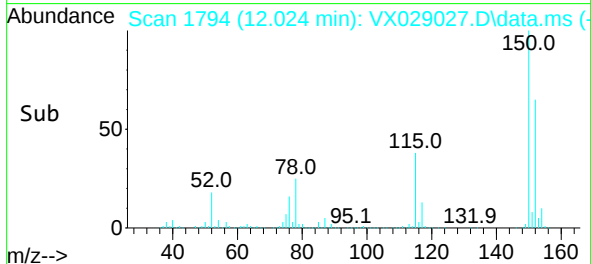
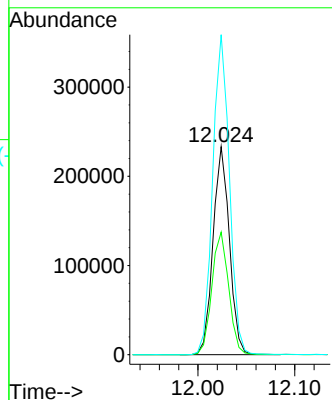
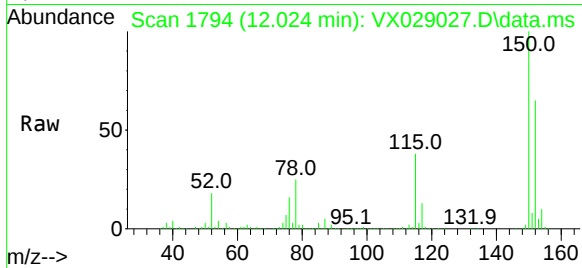




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029027.D
Acq: 27 May 2022 16:24

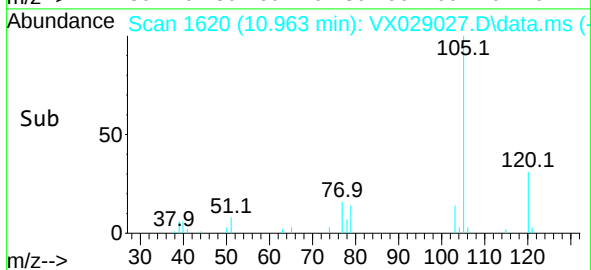
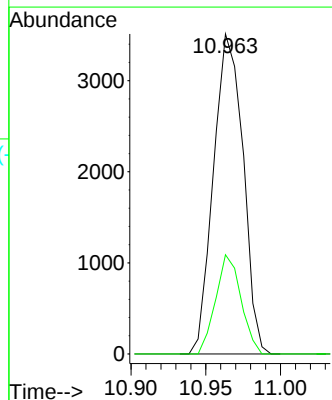
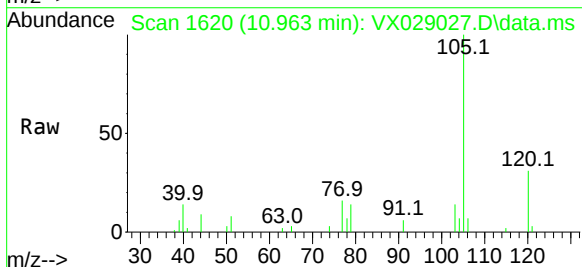
Instrument :
MSVOA_X
ClientSampleId :
MW-28

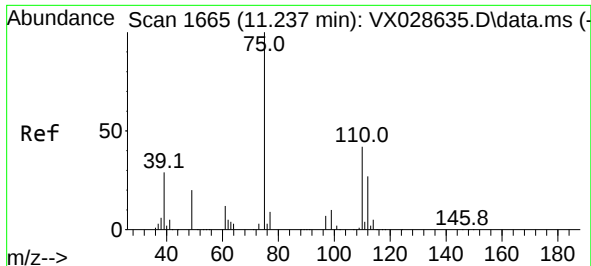
Tgt Ion:152 Resp: 273855
Ion Ratio Lower Upper
152 100
115 60.7 37.5 112.7
150 157.3 0.0 338.2



#73
Isopropylbenzene
Concen: 0.233 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX029027.D
Acq: 27 May 2022 16:24

Tgt Ion:105 Resp: 4830
Ion Ratio Lower Upper
105 100
120 26.5 13.5 40.5

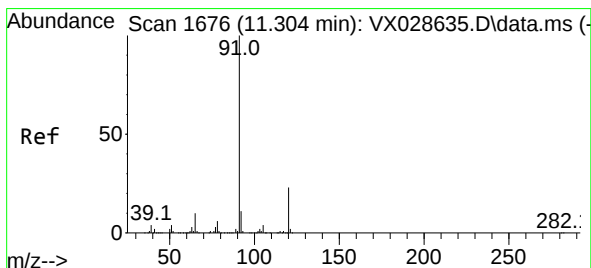
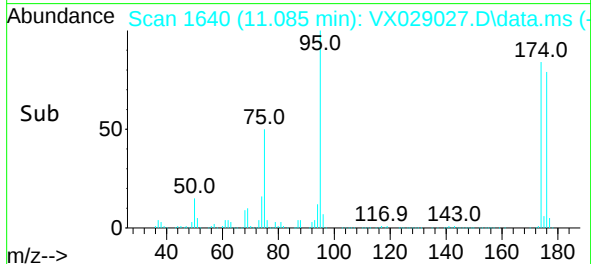
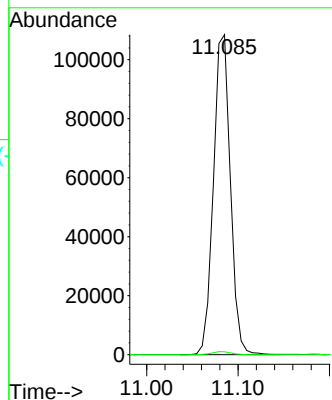
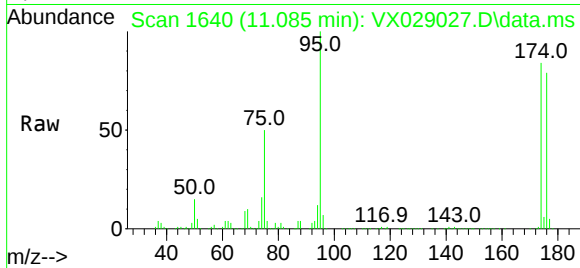




#76
1,2,3-Trichloropropane
Concen: 21.753 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.152 min
Lab File: VX029027.D
Acq: 27 May 2022 16:24

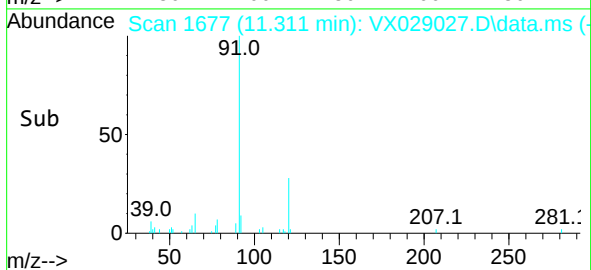
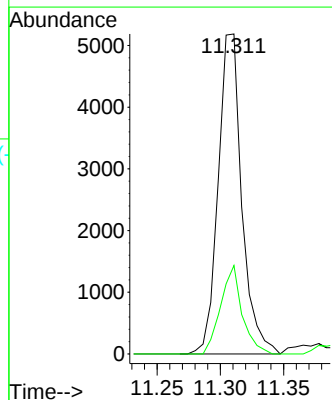
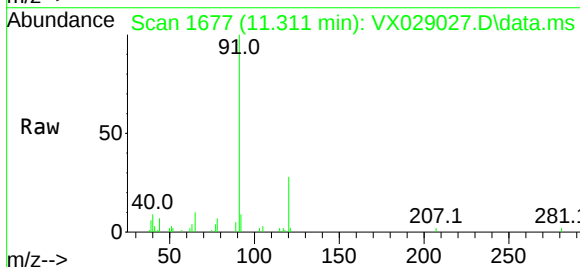
Instrument :
MSVOA_X
ClientSampleId :
MW-28

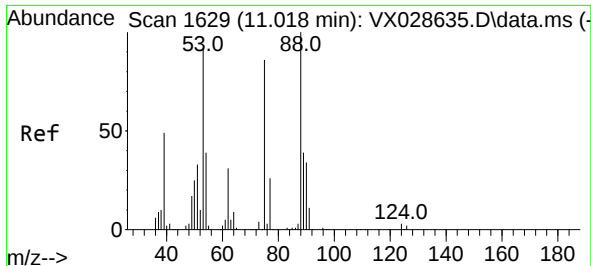
Tgt Ion: 75 Resp: 139514
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#78
n-propylbenzene
Concen: 0.281 ug/l
RT: 11.311 min Scan# 1677
Delta R.T. 0.007 min
Lab File: VX029027.D
Acq: 27 May 2022 16:24

Tgt Ion: 91 Resp: 6740
Ion Ratio Lower Upper
91 100
120 25.0 11.6 34.8

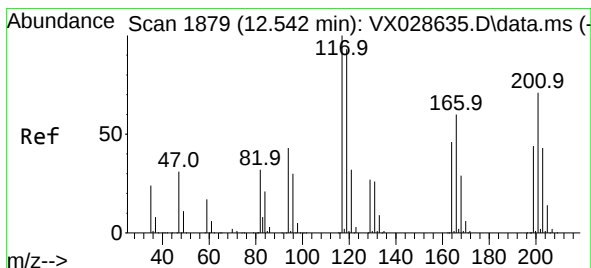
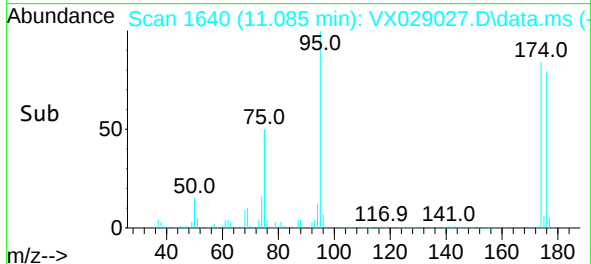
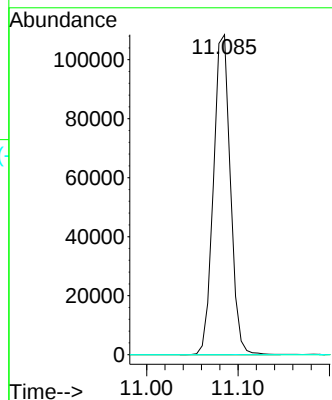
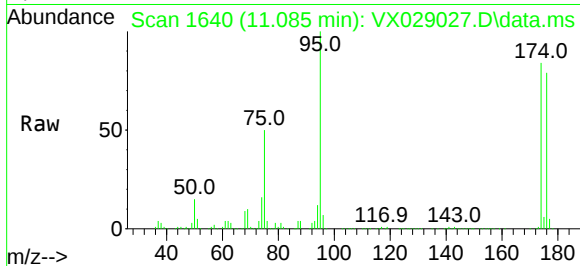




#81
trans-1,4-Dichloro-2-butene
Concen: 63.743 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.067 min
Lab File: VX029027.D
Acq: 27 May 2022 16:24

Instrument :
MSVOA_X
ClientSampleId :
MW-28

Tgt Ion: 75 Resp: 139514
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#90
Hexachloroethane
Concen: 0.324 ug/l
RT: 12.646 min Scan# 1896
Delta R.T. 0.104 min
Lab File: VX029027.D
Acq: 27 May 2022 16:24

Tgt Ion: 117 Resp: 909
Ion Ratio Lower Upper
117 100
201 0.0 39.5 118.5#

