

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062922\
 Data File : VX029895.D
 Acq On : 30 Jun 2022 05:37
 Operator : JC/MD
 Sample : N3481-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-28

Quant Time: Jun 30 06:29:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 05:54:51 2022
 Response via : Initial Calibration

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

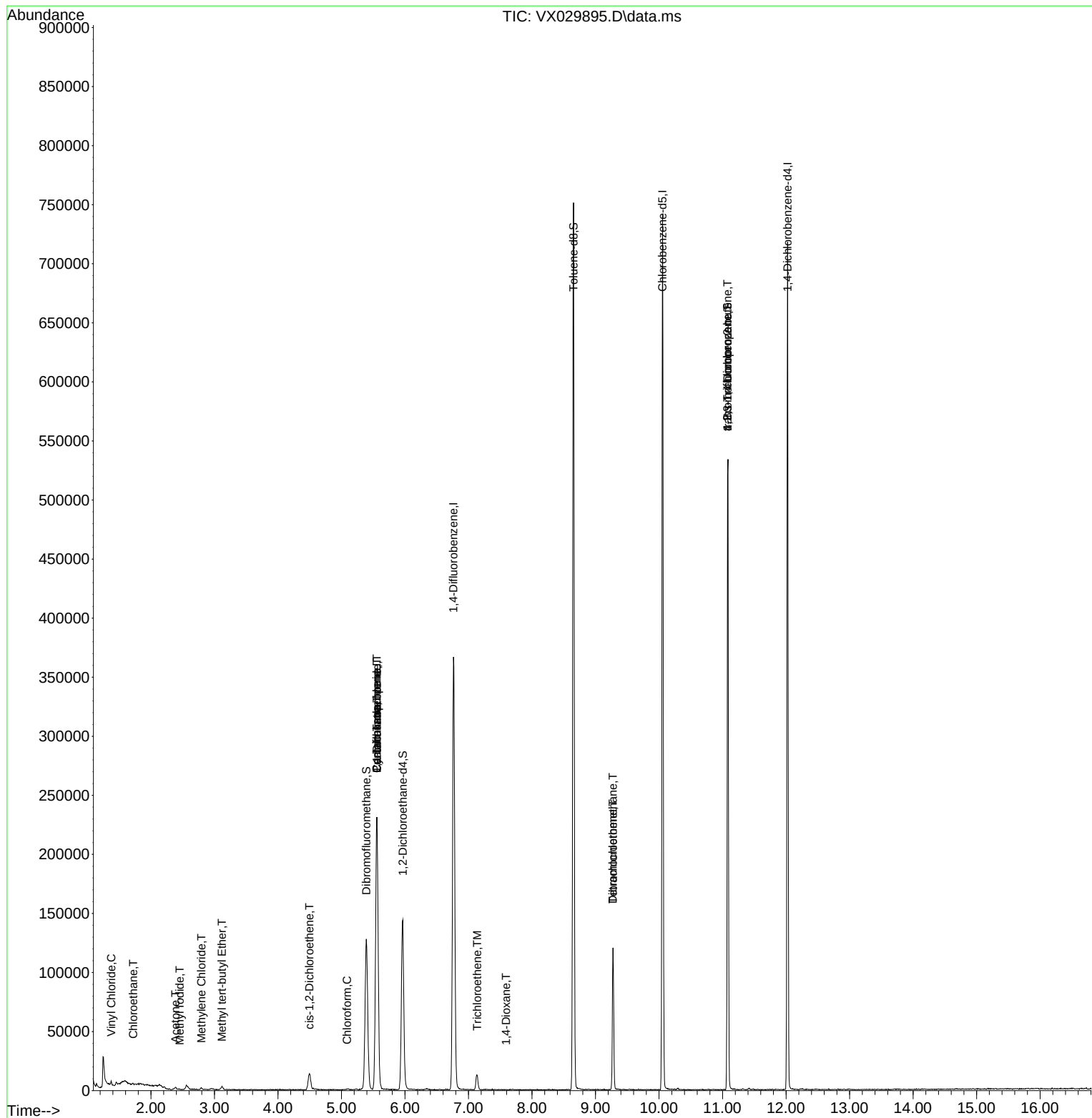
Internal Standards						
1) Pentafluorobenzene	5.556	168	227780	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	397079	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	342983	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	144771	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	125719	43.602	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.200%
35) Dibromofluoromethane	5.391	113	113790	45.855	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.700%
50) Toluene-d8	8.653	98	452929	48.653	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.300%
62) 4-Bromofluorobenzene	11.079	95	151994	46.188	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.380%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.374	62	2097	0.824	ug/l #	82
6) Chloroethane	1.721	64	438	1.265	ug/l #	41
10) Methyl Iodide	2.453	142	22	1.880	ug/l #	1
13) Acrolein	2.337	56	21	Below Cal	#	14
16) Acetone	2.386	43	2083	1.477	ug/l	92
19) Methyl tert-butyl Ether	3.117	73	2621	0.331	ug/l	98
20) Methylene Chloride	2.794	84	675	0.227	ug/l #	84
27) cis-1,2-Dichloroethene	4.495	96	9705	3.195	ug/l	88
30) Chloroform	5.086	83	1035	0.229	ug/l #	58
31) Cyclohexane	5.556	56	4888	1.216	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	16881	5.115	ug/l #	48
38) Carbon Tetrachloride	5.556	117	22079	7.720	ug/l #	16
44) Trichloroethene	7.135	130	5173	1.800	ug/l	81
49) 1,4-Dioxane	7.592	88	26	0.341	ug/l #	25
60) Dibromochloromethane	9.275	129	22222	8.964	ug/l #	11
64) Tetrachloroethene	9.275	164	21474	10.380	ug/l	94
76) 1,2,3-Trichloropropane	11.079	75	70918	20.463	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	70918	64.987	ug/l #	12

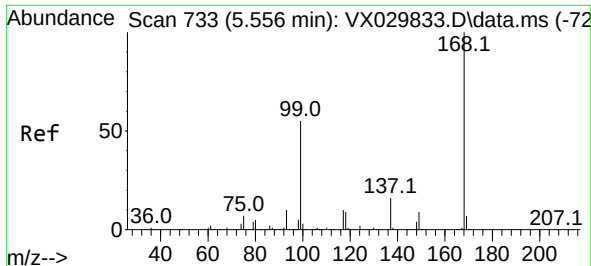
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 30 06:29:12 2022
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Quant Title : SW846 8260
QLast Update : Wed Jun 29 05:54:51 2022
Response via : Initial Calibration

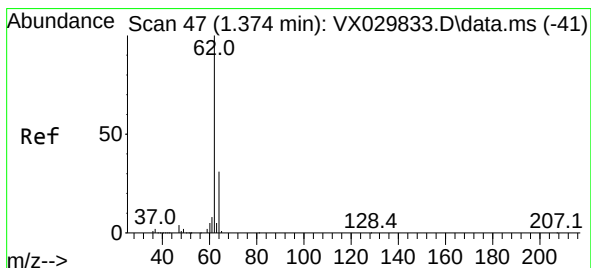
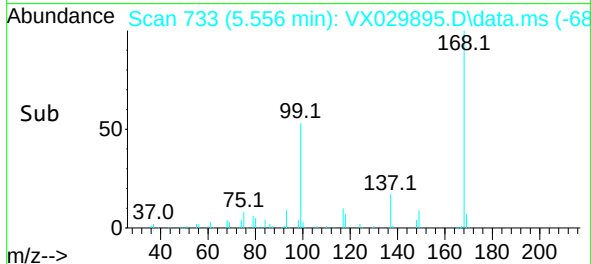
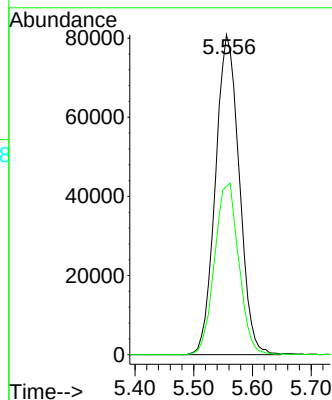
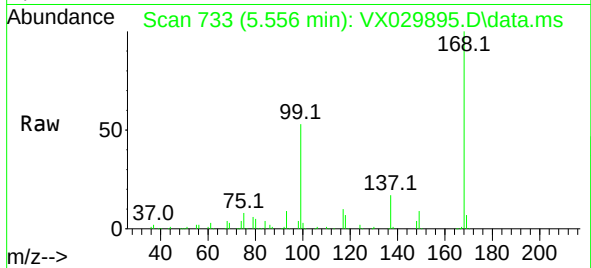




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029895.D
Acq: 30 Jun 2022 05:37

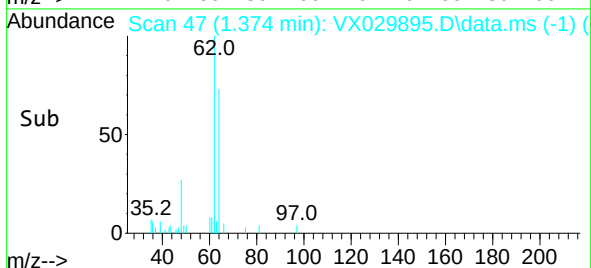
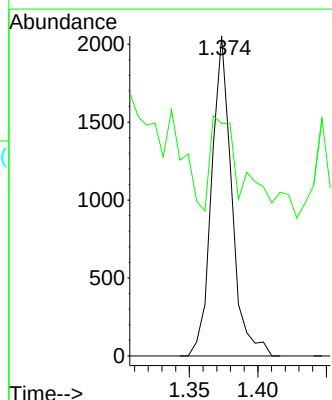
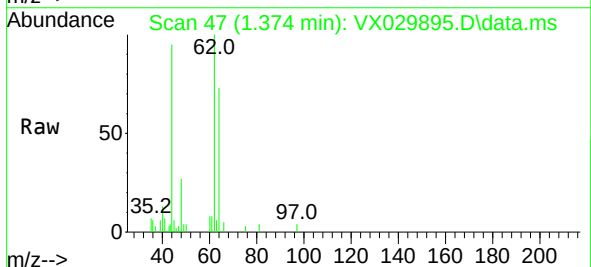
Instrument :
MSVOA_X
ClientSampleId :
MW-28

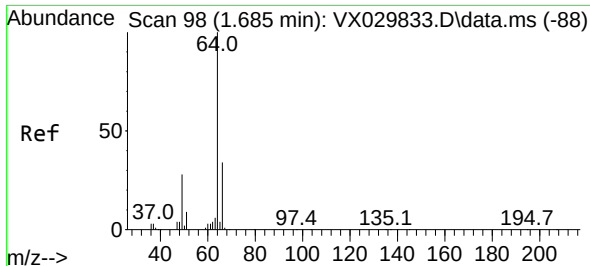
Tgt Ion:168 Resp: 227780
Ion Ratio Lower Upper
168 100
99 52.6 44.0 66.0



#4
Vinyl Chloride
Concen: 0.824 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX029895.D
Acq: 30 Jun 2022 05:37

Tgt Ion: 62 Resp: 2097
Ion Ratio Lower Upper
62 100
64 21.5 25.2 37.8#

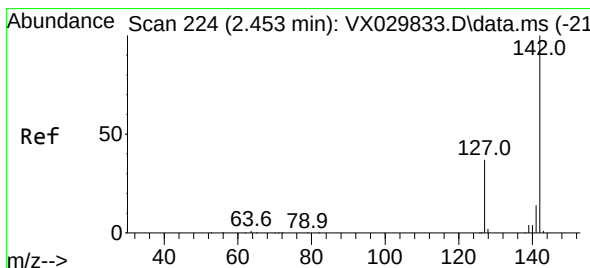
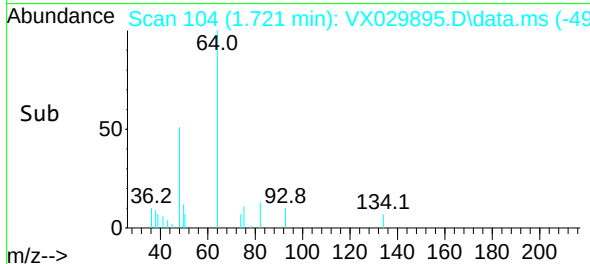
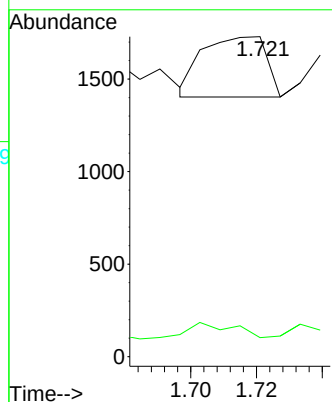
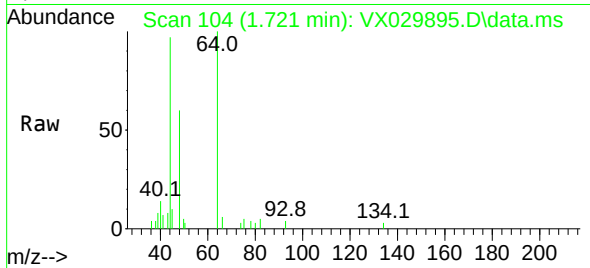




#6
Chloroethane
Concen: 1.265 ug/l
RT: 1.721 min Scan# 104
Delta R.T. 0.036 min
Lab File: VX029895.D
Acq: 30 Jun 2022 05:37

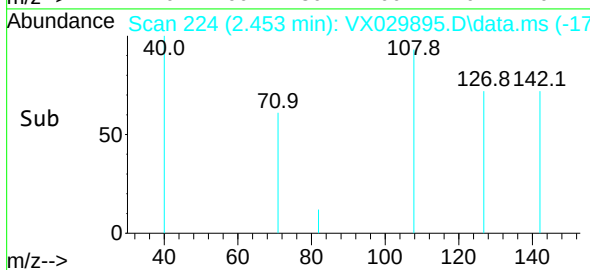
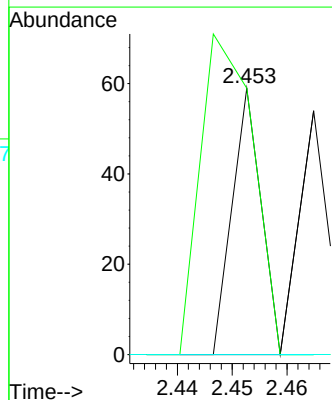
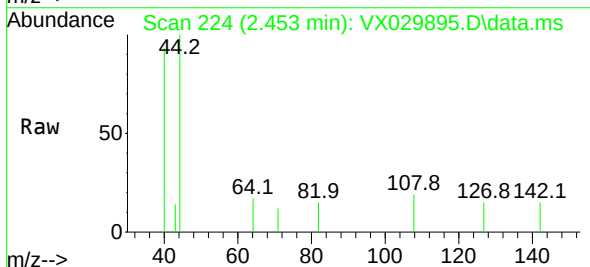
Instrument :
MSVOA_X
ClientSampleId :
MW-28

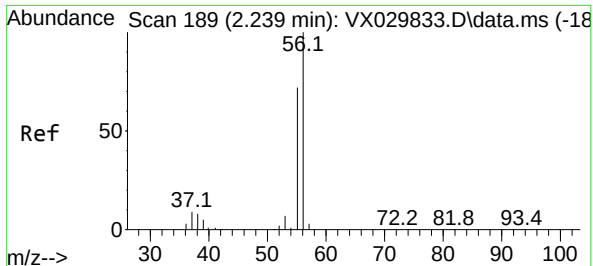
Tgt Ion: 64 Resp: 438
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#



#10
Methyl Iodide
Concen: 1.880 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX029895.D
Acq: 30 Jun 2022 05:37

Tgt Ion: 142 Resp: 22
Ion Ratio Lower Upper
142 100
127 218.2 30.2 45.2#
141 0.0 11.3 16.9#

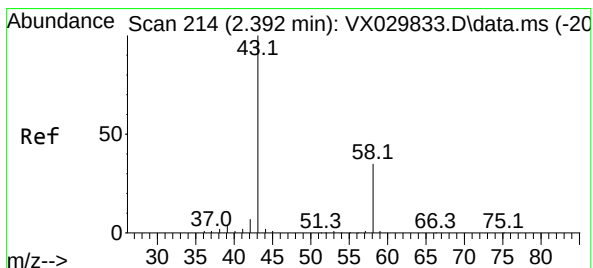
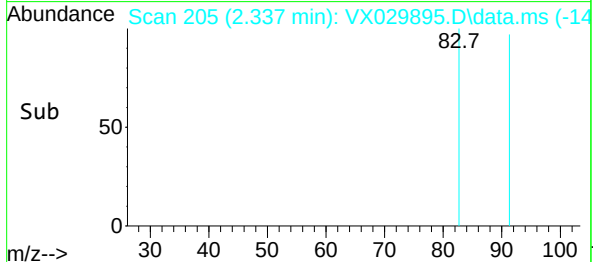
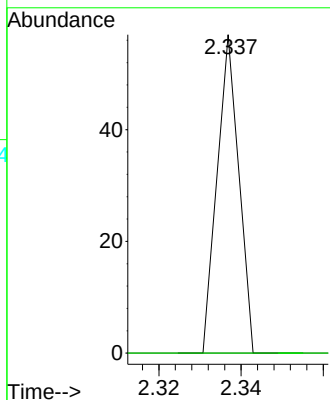
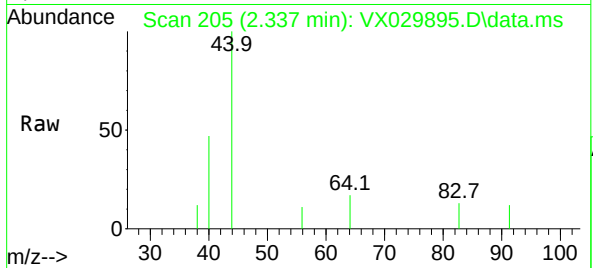




#13
Acrolein
Concen: Below Cal
RT: 2.337 min Scan# 205
Delta R.T. 0.098 min
Lab File: VX029895.D
Acq: 30 Jun 2022 05:37

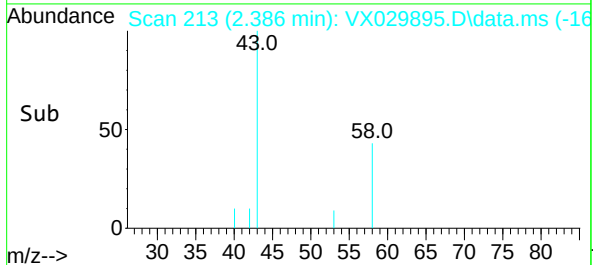
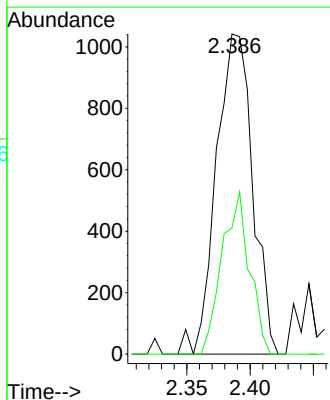
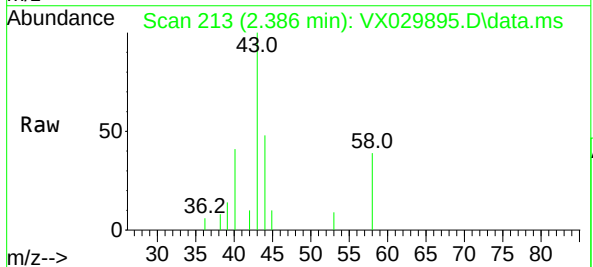
Instrument :
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ClientSampleId :
MW-28

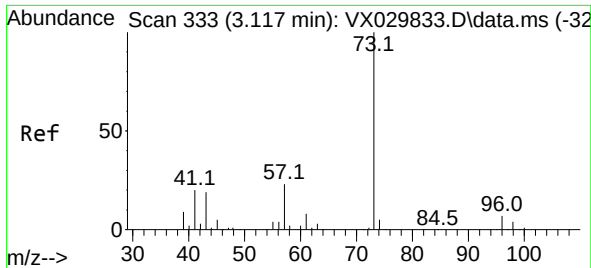
Tgt Ion: 56 Resp: 21
Ion Ratio Lower Upper
56 100
55 0.0 56.6 84.8#



#16
Acetone
Concen: 1.477 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX029895.D
Acq: 30 Jun 2022 05:37

Tgt Ion: 43 Resp: 2083
Ion Ratio Lower Upper
43 100
58 39.3 27.7 41.5

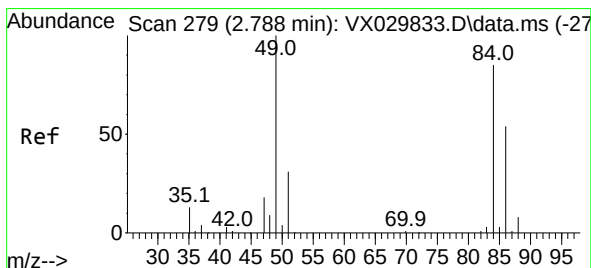
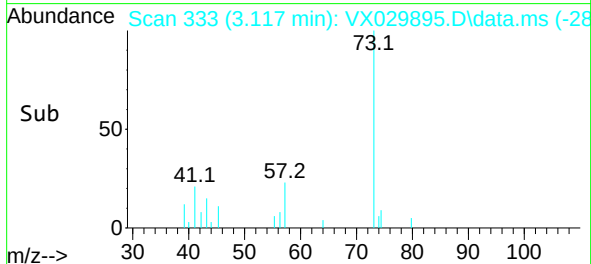
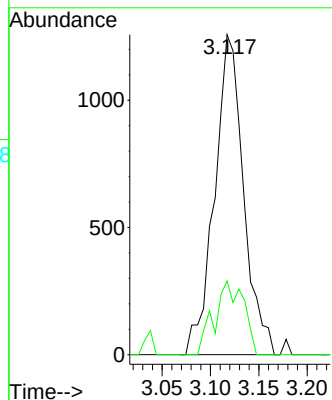
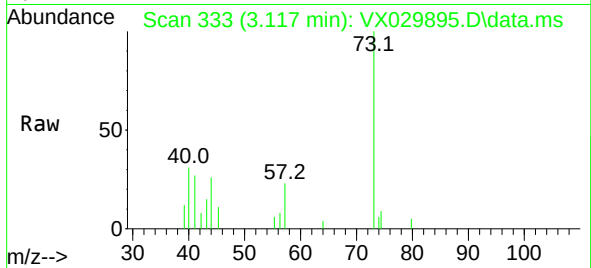




#19
Methyl tert-butyl Ether
Concen: 0.331 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX029895.D
Acq: 30 Jun 2022 05:37

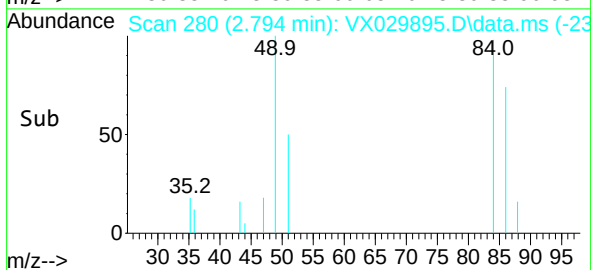
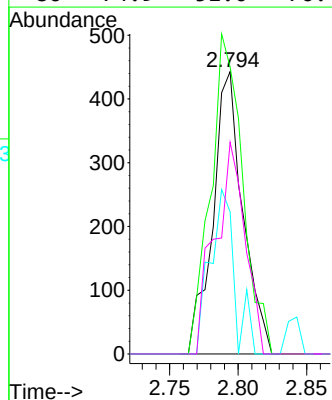
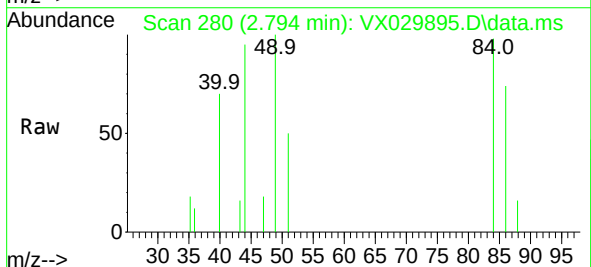
Instrument :
MSVOA_X
ClientSampleId :
MW-28

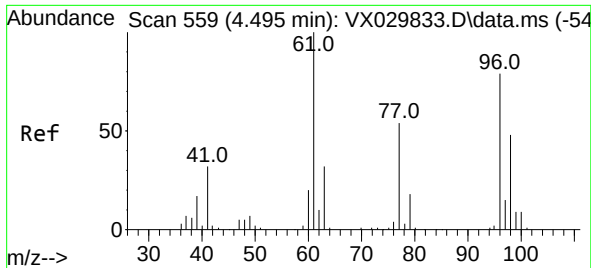
Tgt Ion: 73 Resp: 2621
Ion Ratio Lower Upper
73 100
57 23.1 19.0 28.6



#20
Methylene Chloride
Concen: 0.227 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX029895.D
Acq: 30 Jun 2022 05:37

Tgt Ion: 84 Resp: 675
Ion Ratio Lower Upper
84 100
49 101.6 93.8 140.6
51 50.3 29.4 44.0#
86 74.9 51.0 76.4





#27

cis-1,2-Dichloroethene

Concen: 3.195 ug/l

RT: 4.495 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX029895.D

Acq: 30 Jun 2022 05:37

Instrument :

MSVOA_X

ClientSampleId :

MW-28

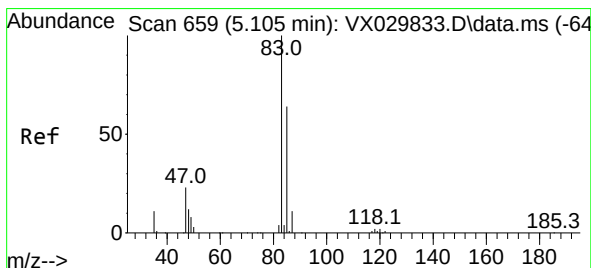
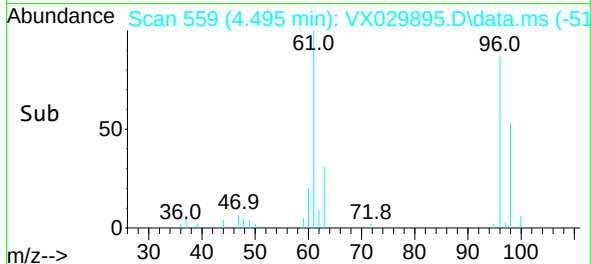
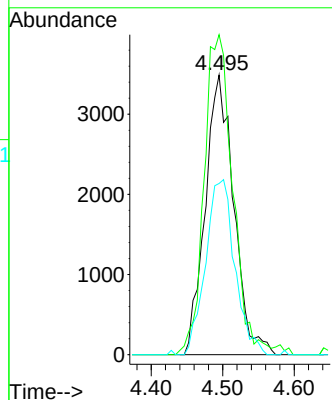
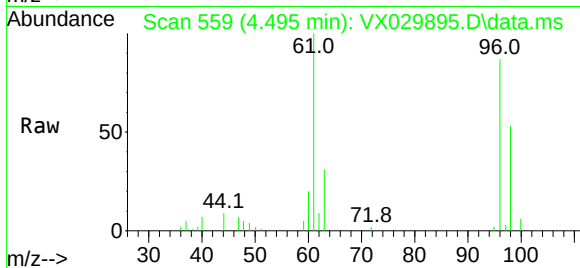
Tgt Ion: 96 Resp: 9705

Ion Ratio Lower Upper

96 100

61 114.1 0.0 270.0

98 63.8 0.0 127.8



#30

Chloroform

Concen: 0.229 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.018 min

Lab File: VX029895.D

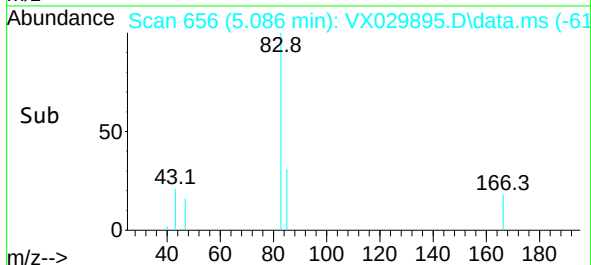
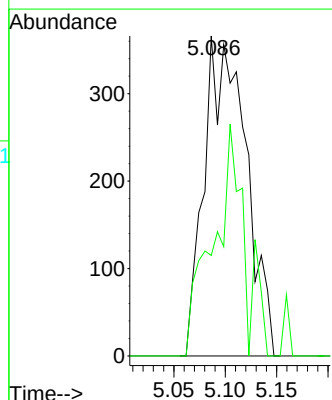
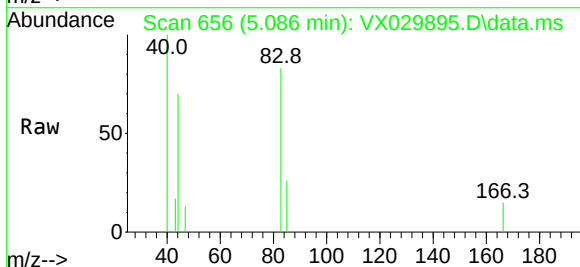
Acq: 30 Jun 2022 05:37

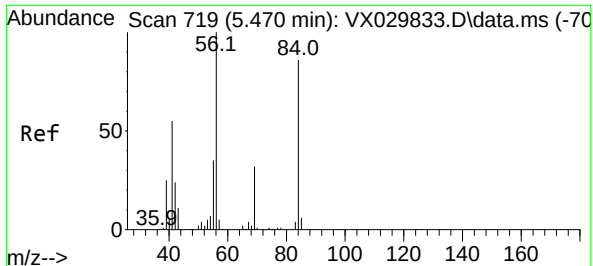
Tgt Ion: 83 Resp: 1035

Ion Ratio Lower Upper

83 100

85 31.4 51.5 77.3#

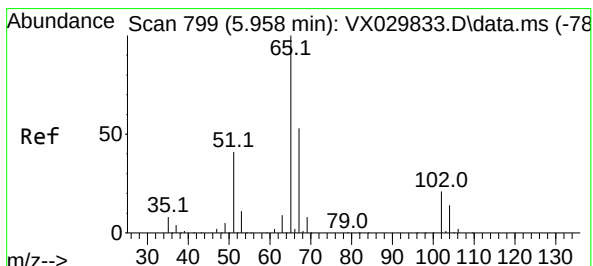
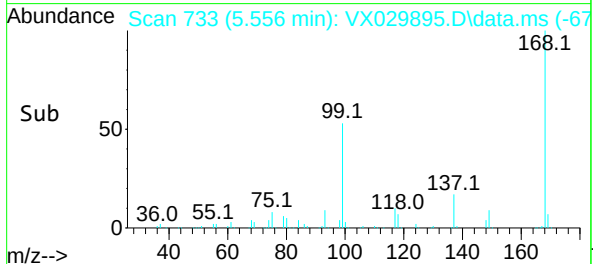
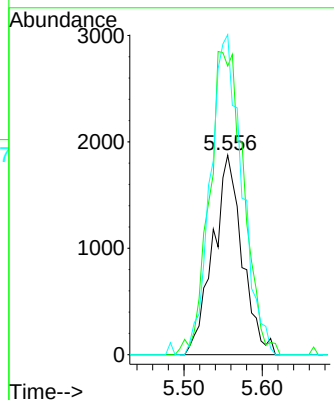
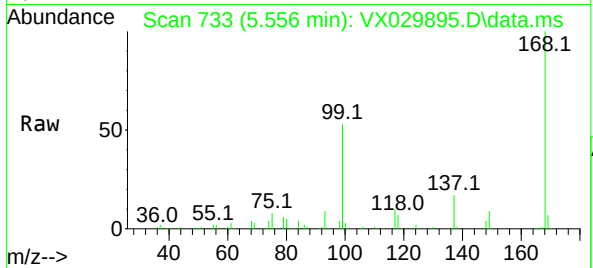




#31
Cyclohexane
Concen: 1.216 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX029895.D
Acq: 30 Jun 2022 05:37

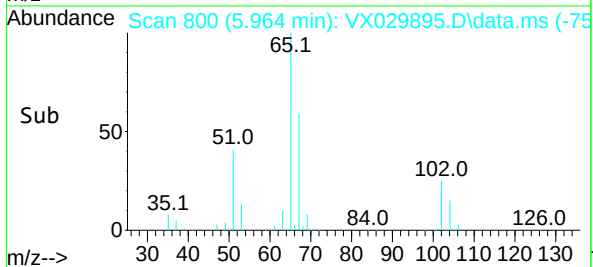
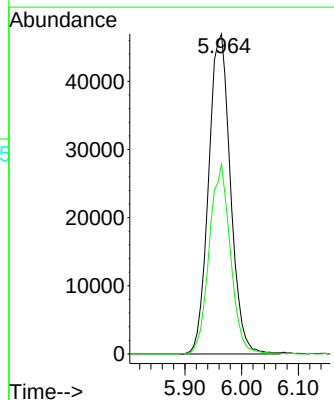
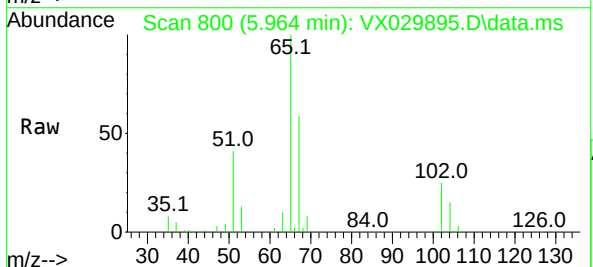
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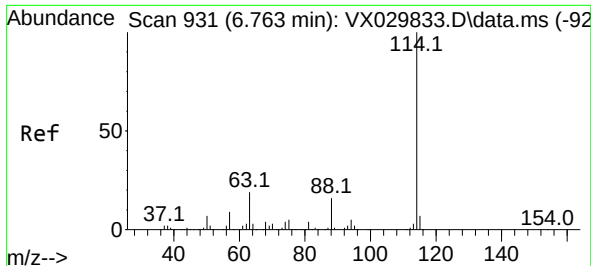
Tgt Ion: 56 Resp: 4888
Ion Ratio Lower Upper
56 100
69 144.6 25.4 38.0#
84 160.3 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 43.602 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX029895.D
Acq: 30 Jun 2022 05:37

Tgt Ion: 65 Resp: 125719
Ion Ratio Lower Upper
65 100
67 57.4 0.0 109.6

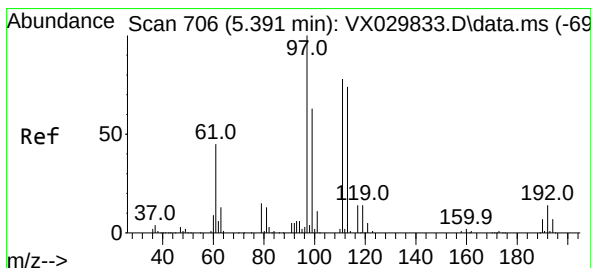
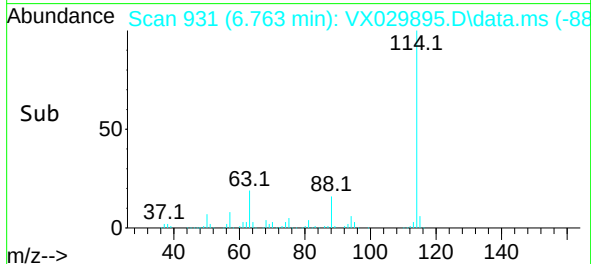
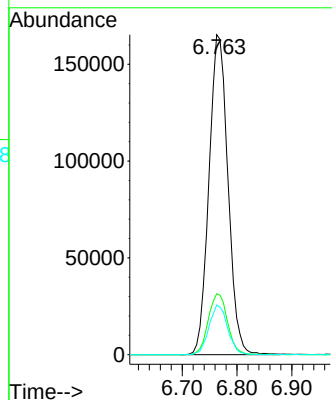
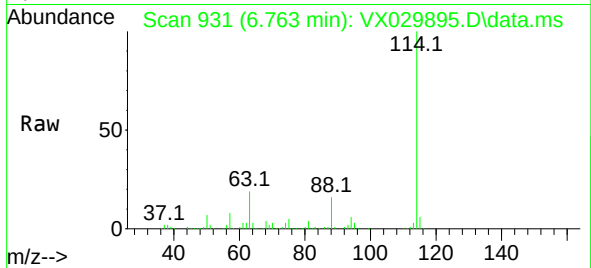




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX029895.D
Acq: 30 Jun 2022 05:37

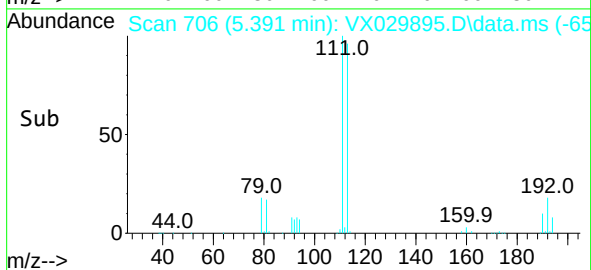
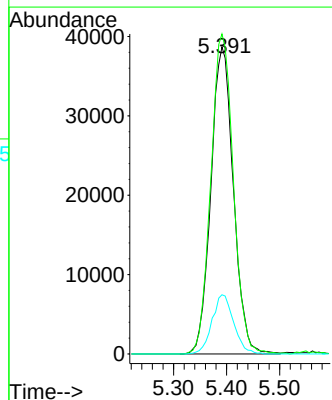
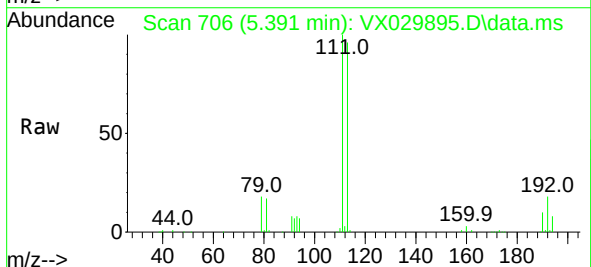
Instrument :
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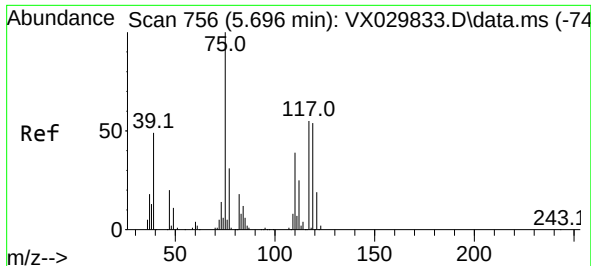
Tgt Ion:114 Resp: 397079
Ion Ratio Lower Upper
114 100
63 19.0 0.0 38.4
88 15.5 0.0 31.8



#35
Dibromofluoromethane
Concen: 45.855 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX029895.D
Acq: 30 Jun 2022 05:37

Tgt Ion:113 Resp: 113790
Ion Ratio Lower Upper
113 100
111 104.5 83.2 124.8
192 18.6 14.8 22.2

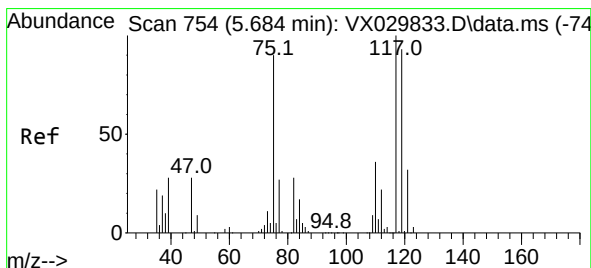
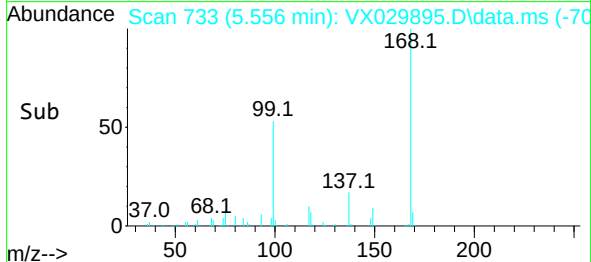
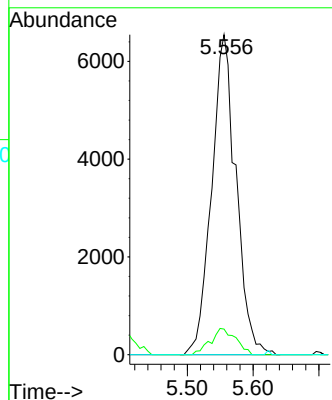
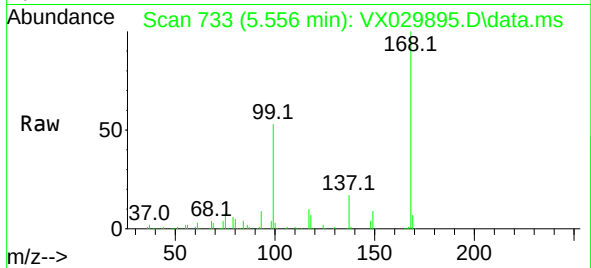




#36
1,1-Dichloropropene
Concen: 5.115 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX029895.D
Acq: 30 Jun 2022 05:37

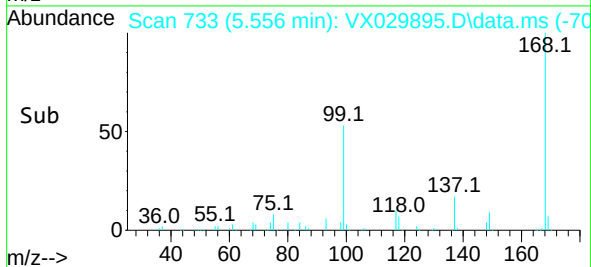
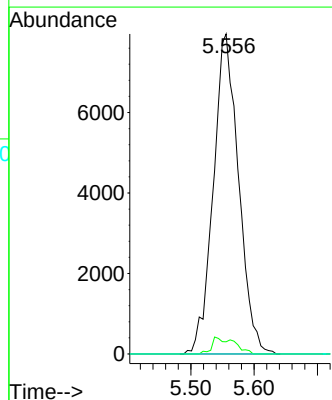
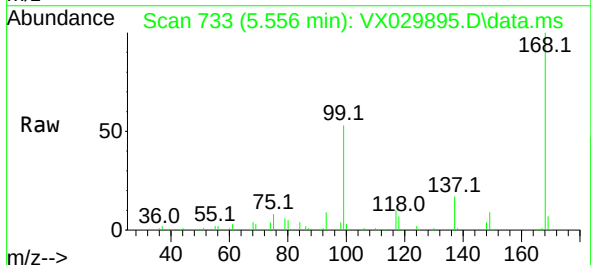
Instrument :
MSVOA_X
ClientSampleId :
MW-28

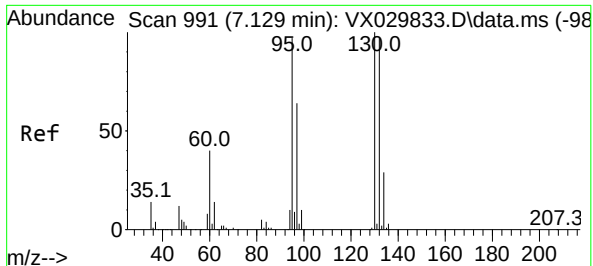
Tgt Ion: 75 Resp: 16881
Ion Ratio Lower Upper
75 100
110 8.5 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 7.720 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX029895.D
Acq: 30 Jun 2022 05:37

Tgt Ion: 117 Resp: 22079
Ion Ratio Lower Upper
117 100
119 3.8 74.1 111.1#
121 0.0 25.8 38.8#

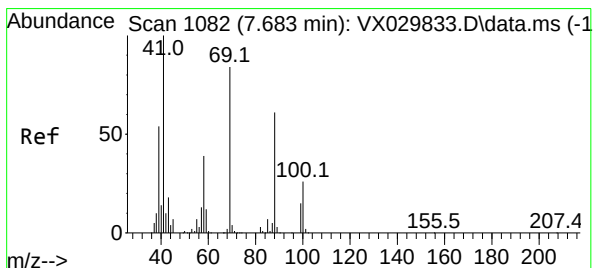
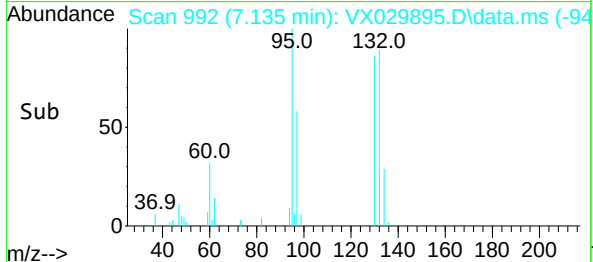
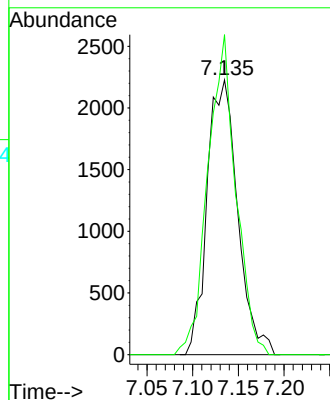
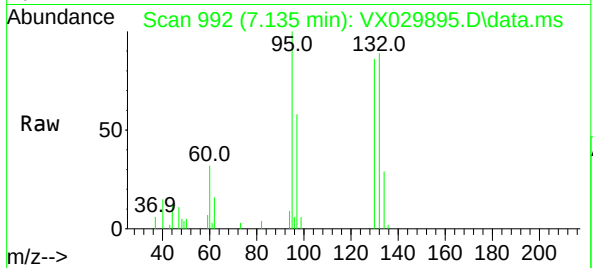




#44
Trichloroethene
Concen: 1.800 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX029895.D
Acq: 30 Jun 2022 05:37

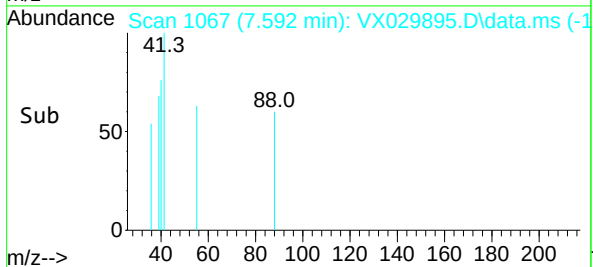
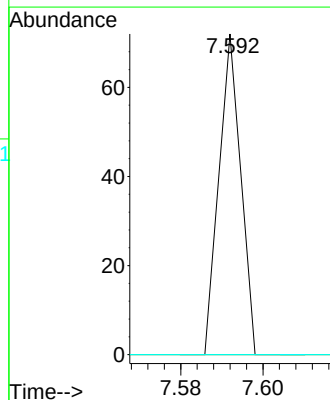
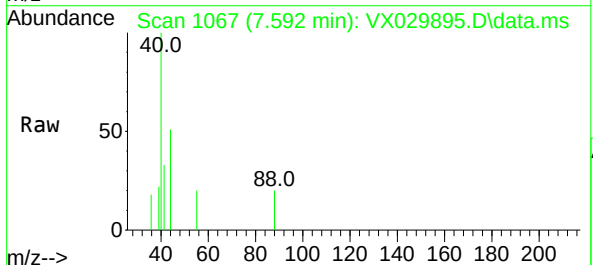
Instrument :
MSVOA_X
ClientSampleId :
MW-28

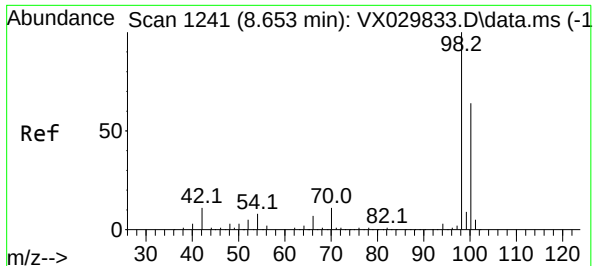
Tgt Ion:130 Resp: 5173
Ion Ratio Lower Upper
130 100
95 116.5 0.0 194.8



#49
1,4-Dioxane
Concen: 0.341 ug/l
RT: 7.592 min Scan# 1067
Delta R.T. -0.091 min
Lab File: VX029895.D
Acq: 30 Jun 2022 05:37

Tgt Ion: 88 Resp: 26
Ion Ratio Lower Upper
88 100
43 0.0 23.8 35.8#
58 0.0 53.8 80.6#

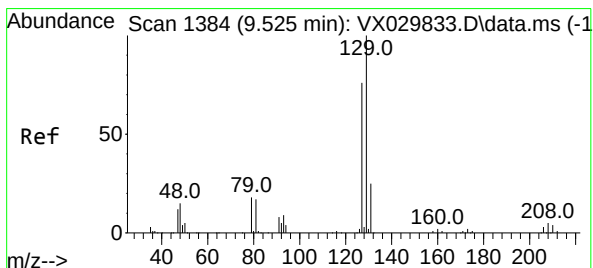
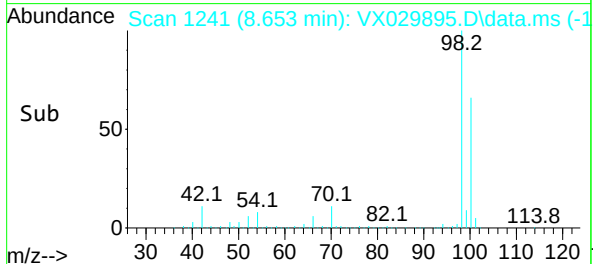
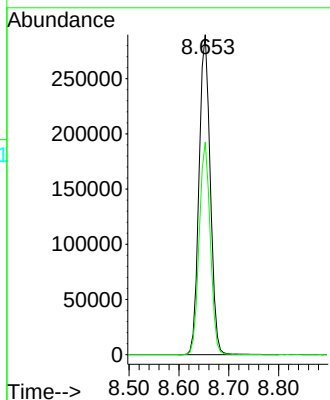
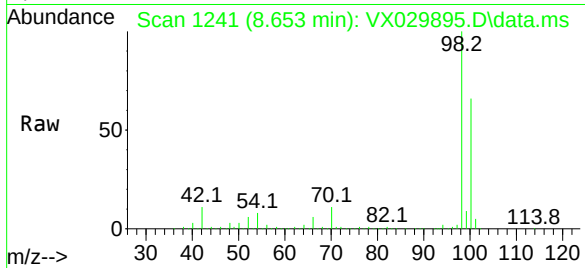




#50
Toluene-d8
Concen: 48.653 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029895.D
Acq: 30 Jun 2022 05:37

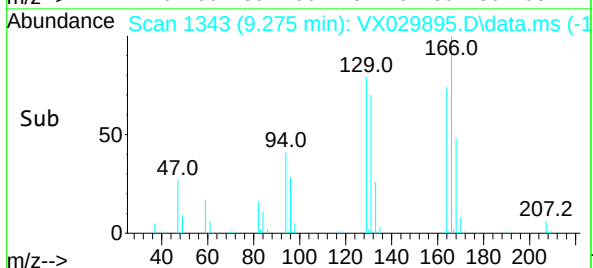
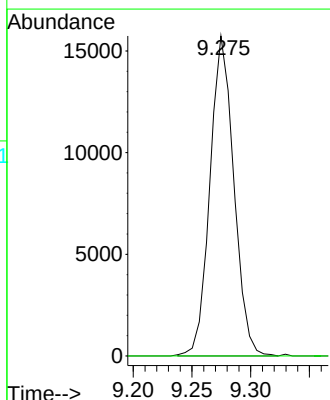
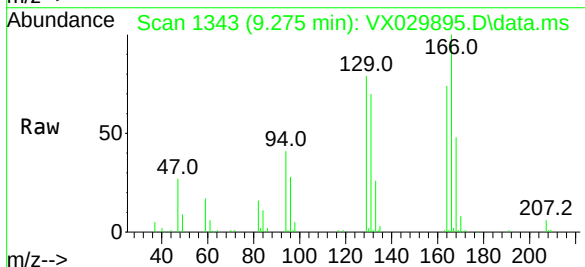
Instrument :
MSVOA_X
ClientSampleId :
MW-28

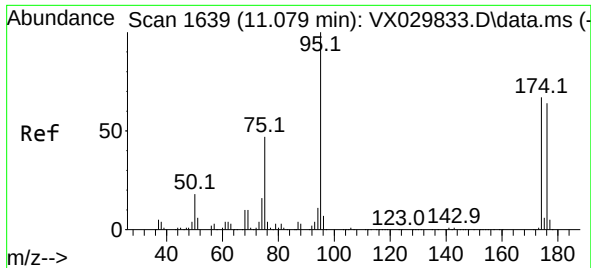
Tgt Ion: 98 Resp: 452929
Ion Ratio Lower Upper
98 100
100 65.6 52.3 78.5



#60
Dibromochloromethane
Concen: 8.964 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX029895.D
Acq: 30 Jun 2022 05:37

Tgt Ion: 129 Resp: 22222
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#

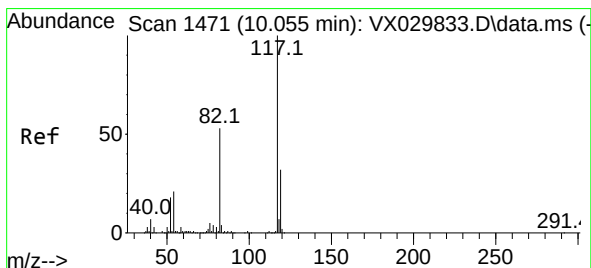
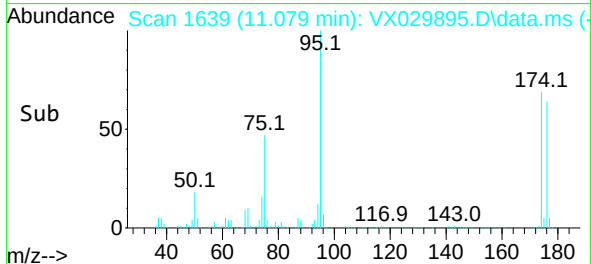
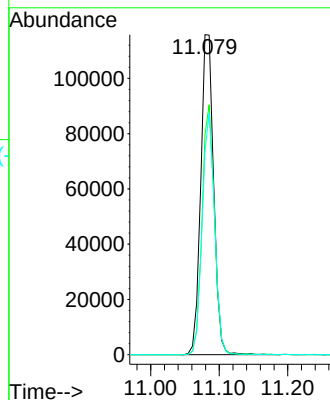
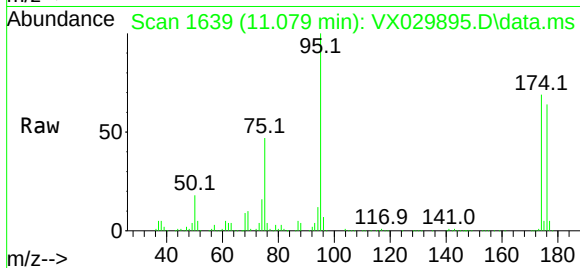




#62
4-Bromofluorobenzene
Concen: 46.188 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX029895.D
Acq: 30 Jun 2022 05:37

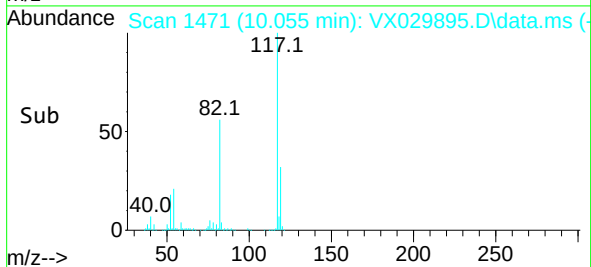
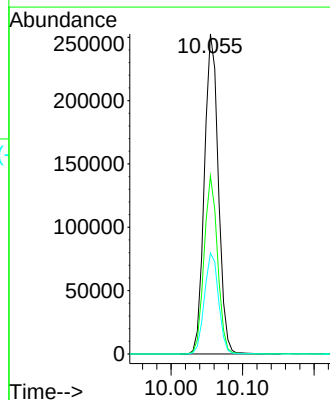
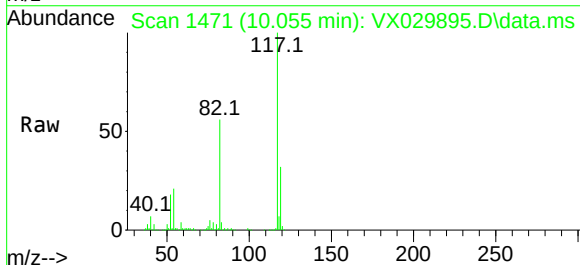
Instrument :
MSVOA_X
ClientSampleId :
MW-28

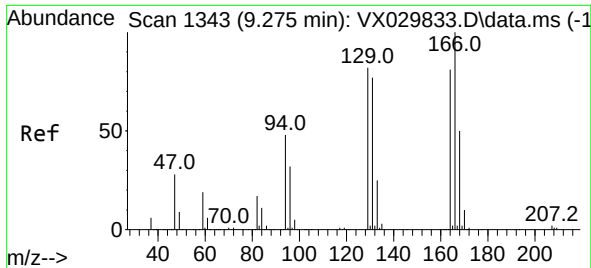
Tgt Ion: 95 Resp: 151994
Ion Ratio Lower Upper
95 100
174 74.5 0.0 149.0
176 72.6 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029895.D
Acq: 30 Jun 2022 05:37

Tgt Ion: 117 Resp: 342983
Ion Ratio Lower Upper
117 100
82 55.6 42.7 64.1
119 31.5 25.4 38.2

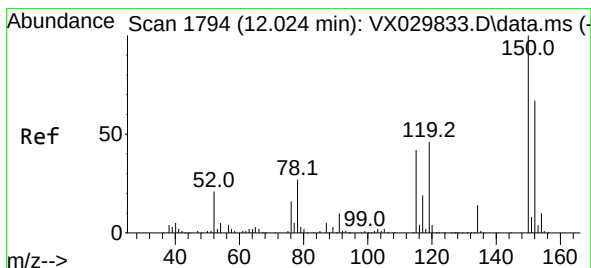
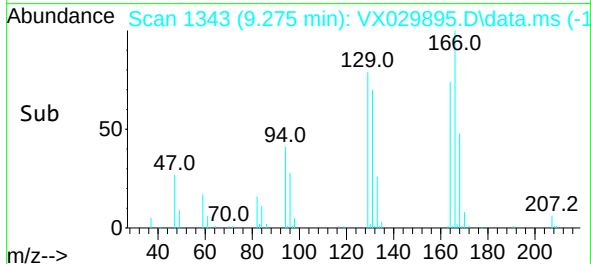
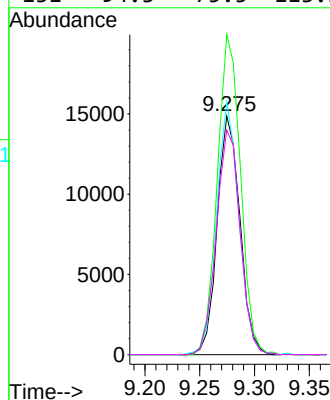
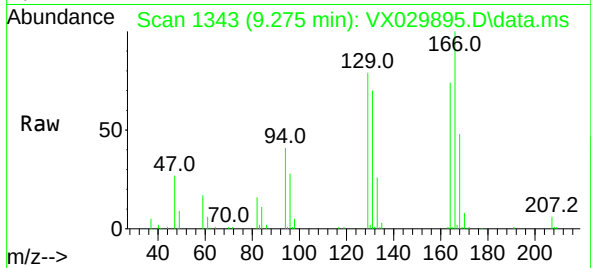




#64
Tetrachloroethene
Concen: 10.380 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029895.D
Acq: 30 Jun 2022 05:37

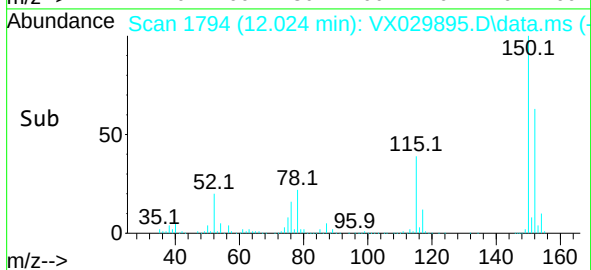
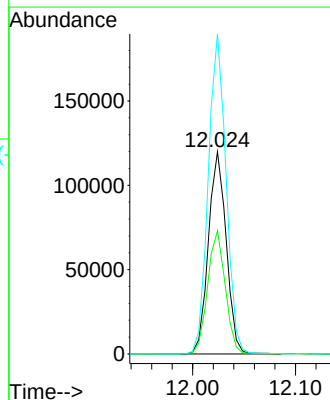
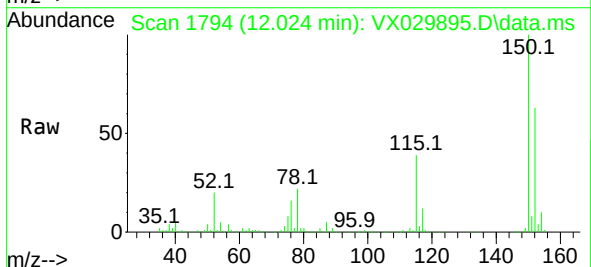
Instrument :
MSVOA_X
ClientSampleId :
MW-28

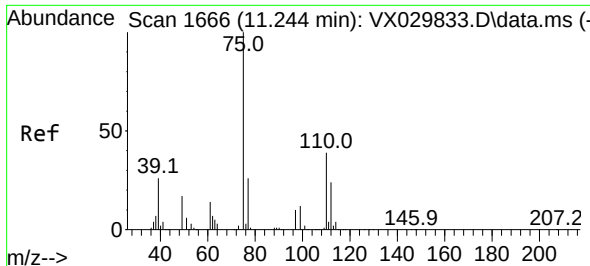
Tgt Ion:164	Resp:	21474
Ion	Ratio	Lower Upper
164	100	
166	134.3	98.2 147.4
129	106.0	80.8 121.2
131	94.3	75.5 113.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX029895.D
Acq: 30 Jun 2022 05:37

Tgt Ion:152	Resp:	144771
Ion	Ratio	Lower Upper
152	100	
115	60.4	40.5 121.5
150	157.7	0.0 347.0

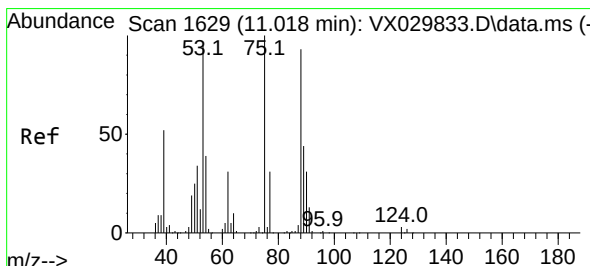
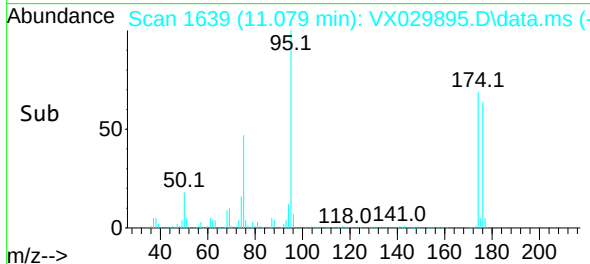
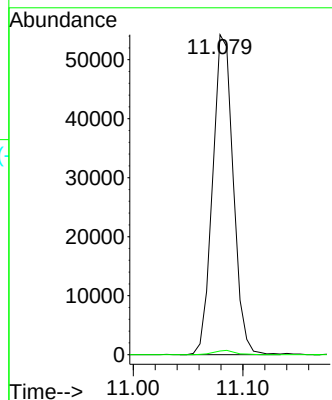
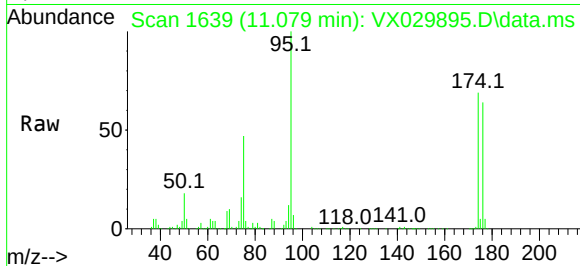




#76
1,2,3-Trichloropropane
Concen: 20.463 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029895.D
Acq: 30 Jun 2022 05:37

Instrument :
MSVOA_X
ClientSampleId :
MW-28

Tgt Ion: 75 Resp: 70918
Ion Ratio Lower Upper
75 100
77 1.4 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.987 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029895.D
Acq: 30 Jun 2022 05:37

Tgt Ion: 75 Resp: 70918
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#

