

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051322\
 Data File : VX028708.D
 Acq On : 14 May 2022 03:45
 Operator : JC/MD
 Sample : N2824-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COM-1

Quant Time: May 16 02:33:01 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)

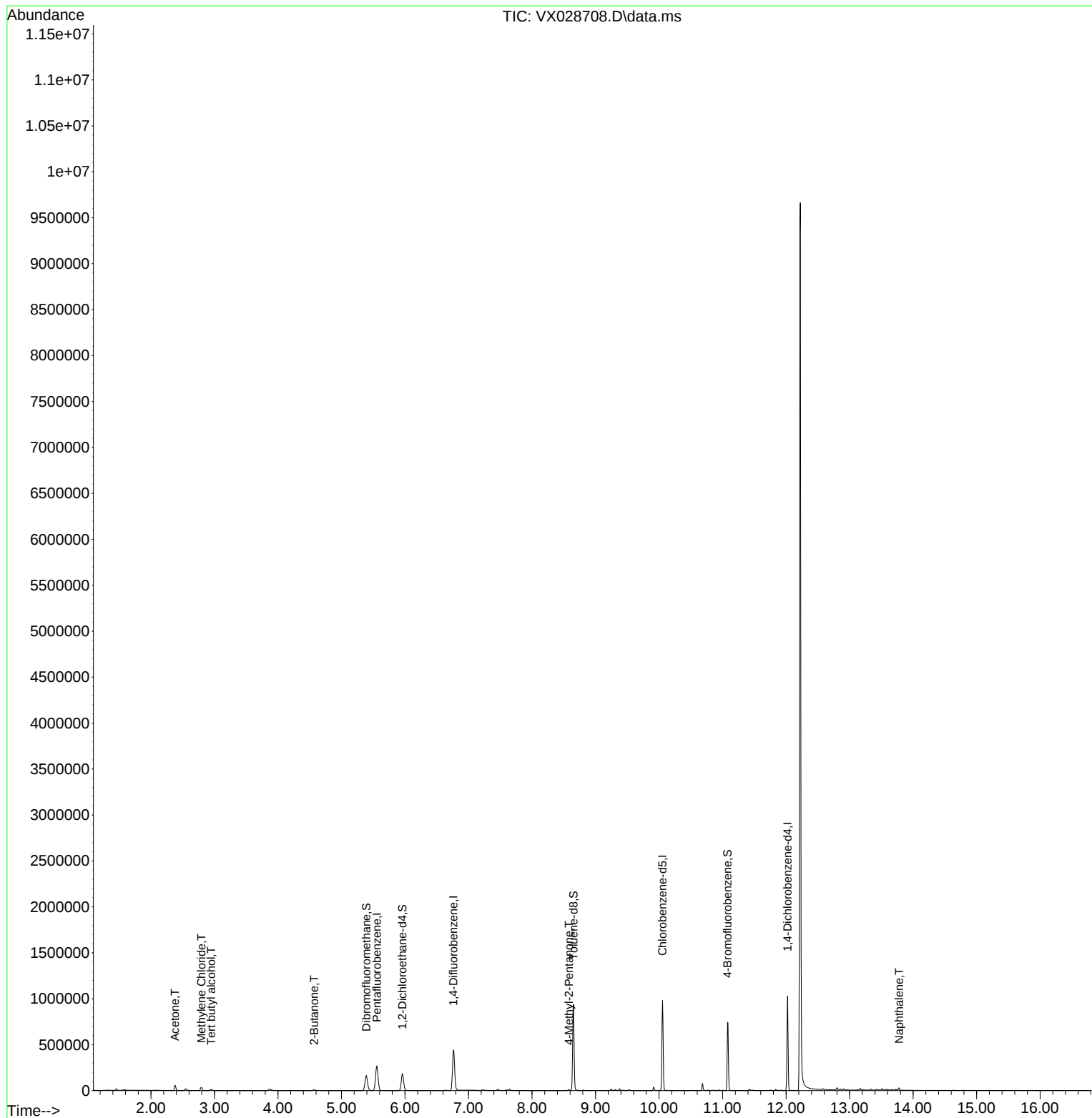
Internal Standards						
1) Pentafluorobenzene	5.556	168	236326	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	446309	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	424444	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	194739	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	173276	53.489	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 106.980%	
35) Dibromofluoromethane	5.391	113	138279	47.289	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 94.580%	
50) Toluene-d8	8.653	98	543911	49.336	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 98.680%	
62) 4-Bromofluorobenzene	11.079	95	200018	48.574	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 97.140%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.946	59	7891	3.615	ug/l	# 75
16) Acetone	2.379	43	58861	42.337	ug/l	93
20) Methylene Chloride	2.794	84	15917	5.457	ug/l	98
25) 2-Butanone	4.568	43	11323	5.188	ug/l	97
51) 4-Methyl-2-Pentanone	8.579	43	6330	1.339	ug/l	97
95) Naphthalene	13.780	128	14775	1.068	ug/l	98

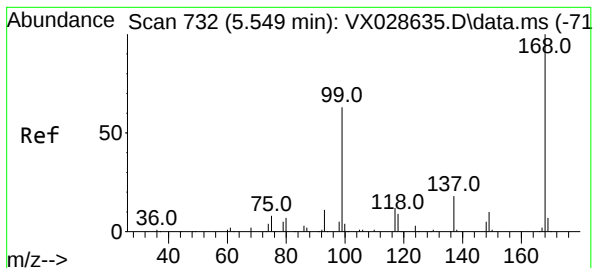
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.556 min Scan# 71

Delta R.T. 0.007 min

Lab File: VX028708.D

Acq: 14 May 2022 03:45

Instrument :

MSVOA_X

ClientSampleId :

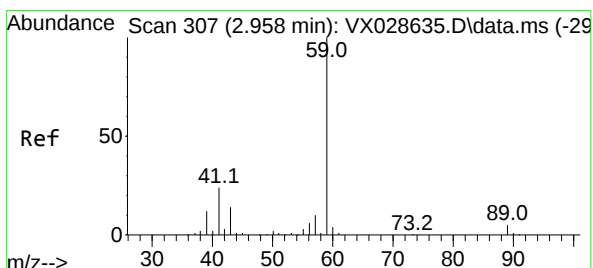
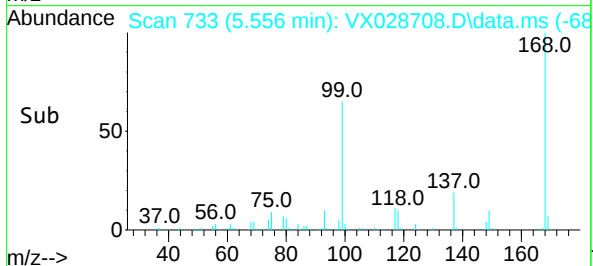
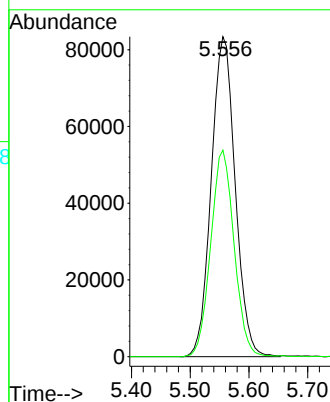
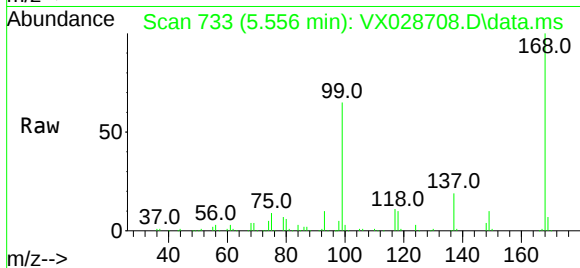
COM-1

Tgt Ion:168 Resp: 236326

Ion Ratio Lower Upper

168 100

99 64.6 41.7 62.5#



#11

Tert butyl alcohol

Concen: 3.615 ug/l

RT: 2.946 min Scan# 305

Delta R.T. -0.012 min

Lab File: VX028708.D

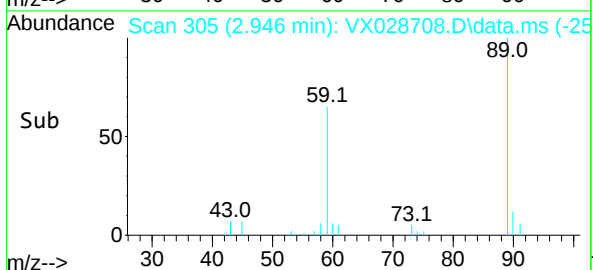
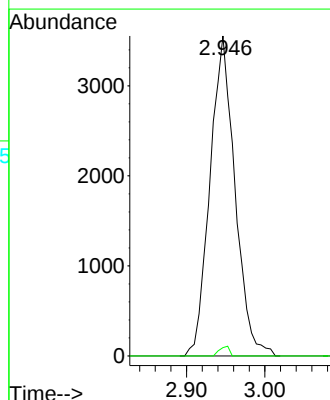
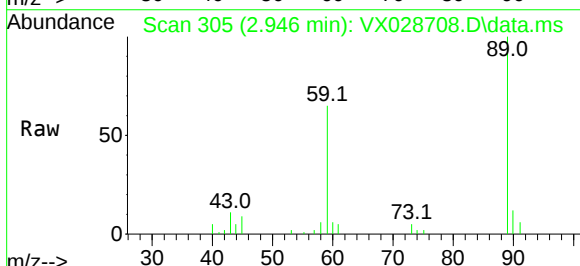
Acq: 14 May 2022 03:45

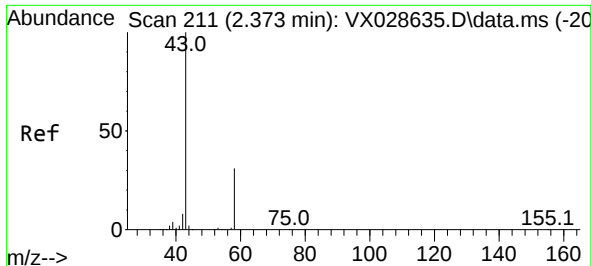
Tgt Ion: 59 Resp: 7891

Ion Ratio Lower Upper

59 100

57 1.2 8.3 12.5#

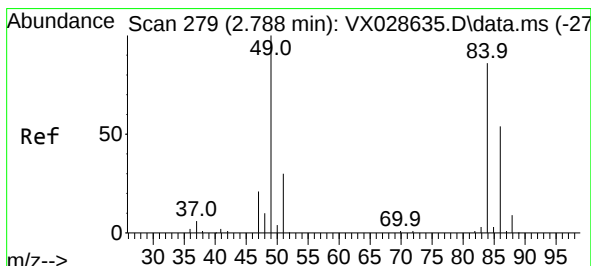
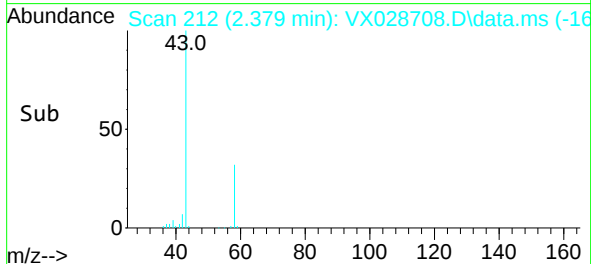
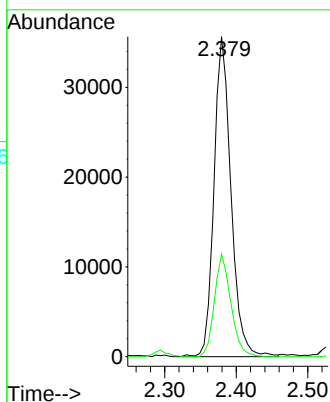
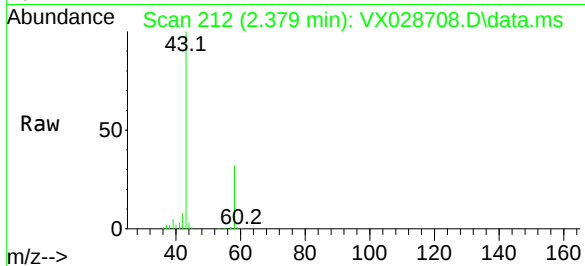




#16
Acetone
Concen: 42.337 ug/l
RT: 2.379 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX028708.D
Acq: 14 May 2022 03:45

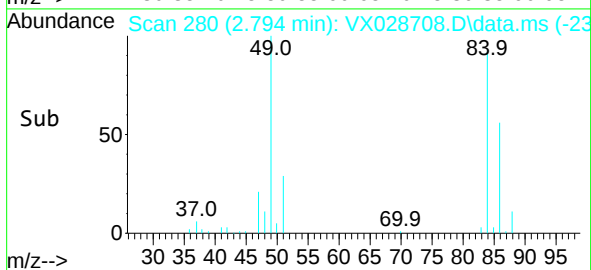
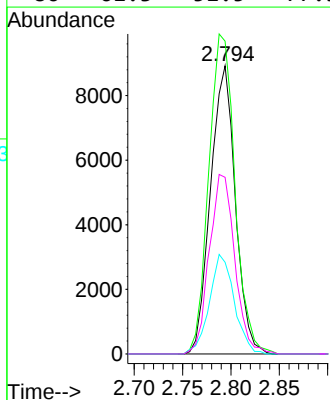
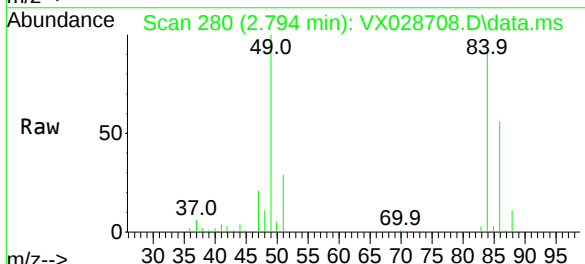
Instrument :
MSVOA_X
ClientSampleId :
COM-1

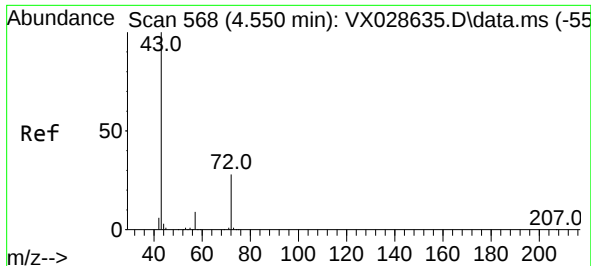
Tgt Ion: 43 Resp: 58861
Ion Ratio Lower Upper
43 100
58 32.1 28.8 43.2



#20
Methylene Chloride
Concen: 5.457 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX028708.D
Acq: 14 May 2022 03:45

Tgt Ion: 84 Resp: 15917
Ion Ratio Lower Upper
84 100
49 108.6 85.5 128.3
51 31.8 26.6 39.8
86 61.3 51.5 77.3

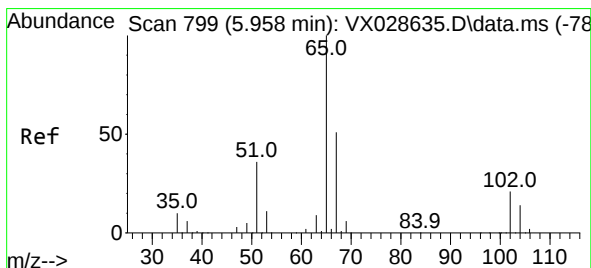
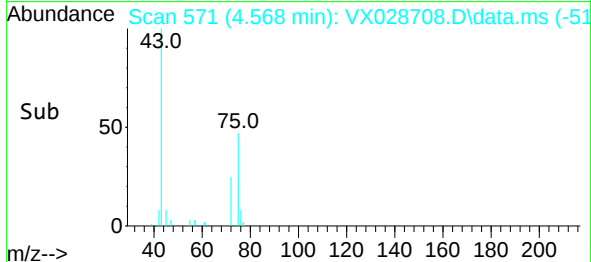
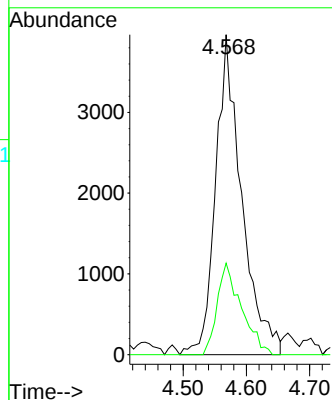
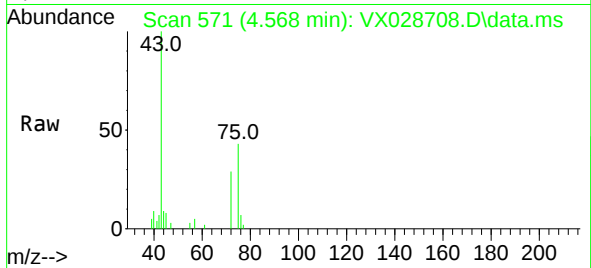




#25
2-Butanone
Concen: 5.188 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX028708.D
Acq: 14 May 2022 03:45

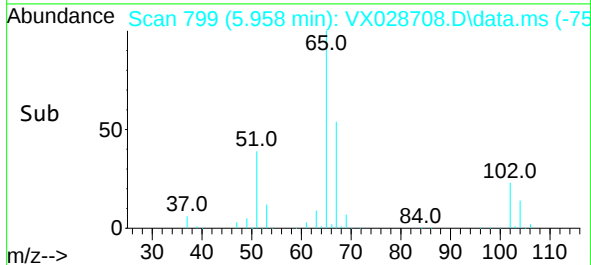
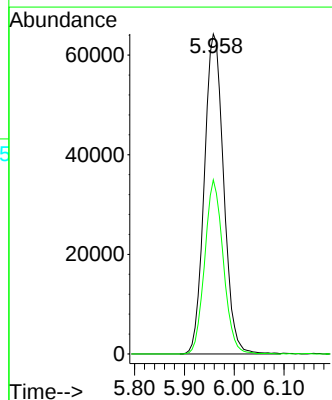
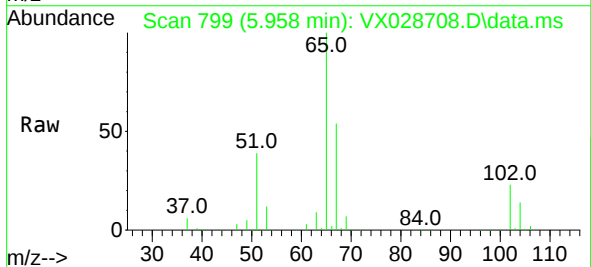
Instrument :
MSVOA_X
ClientSampleId :
COM-1

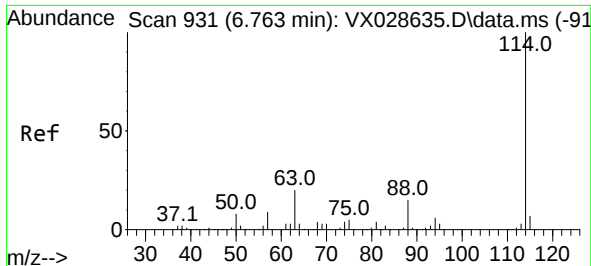
Tgt Ion: 43 Resp: 11323
Ion Ratio Lower Upper
43 100
72 28.6 24.4 36.6



#33
1,2-Dichloroethane-d4
Concen: 53.489 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX028708.D
Acq: 14 May 2022 03:45

Tgt Ion: 65 Resp: 173276
Ion Ratio Lower Upper
65 100
67 52.1 0.0 107.4

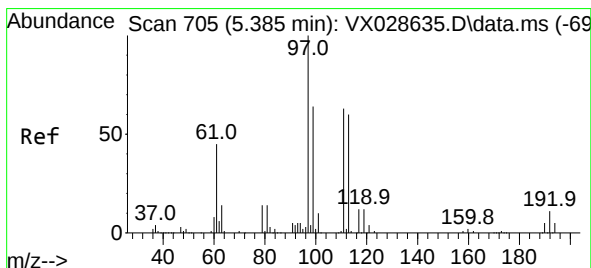
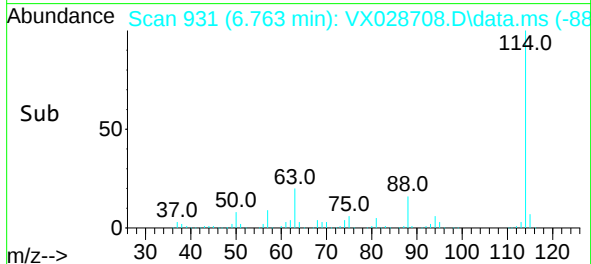
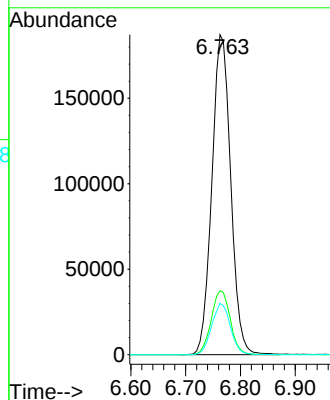
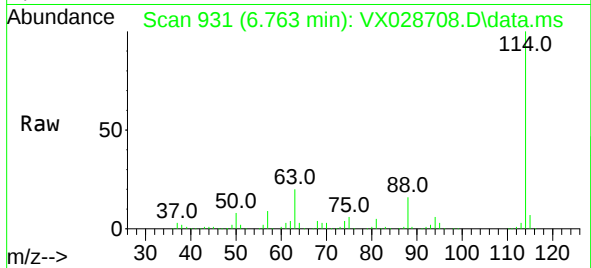




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028708.D
Acq: 14 May 2022 03:45

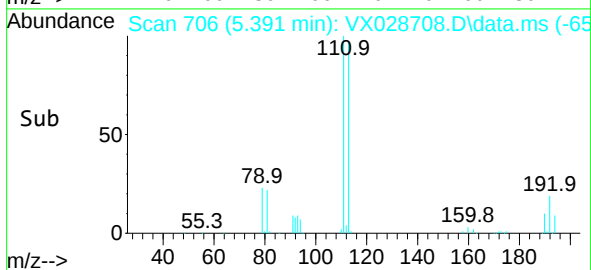
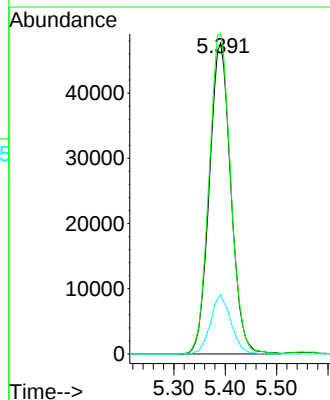
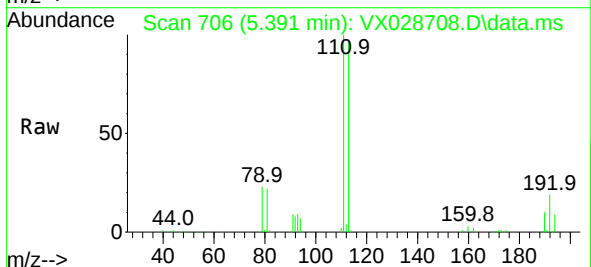
Instrument :
MSVOA_X
ClientSampleId :
COM-1

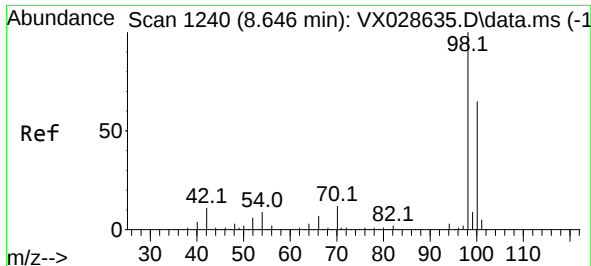
Tgt Ion:114 Resp: 446309
Ion Ratio Lower Upper
114 100
63 20.0 0.0 36.8
88 16.0 0.0 32.4



#35
Dibromofluoromethane
Concen: 47.289 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028708.D
Acq: 14 May 2022 03:45

Tgt Ion:113 Resp: 138279
Ion Ratio Lower Upper
113 100
111 104.1 82.8 124.2
192 18.2 16.9 25.3

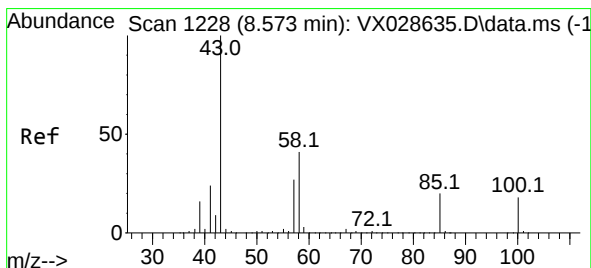
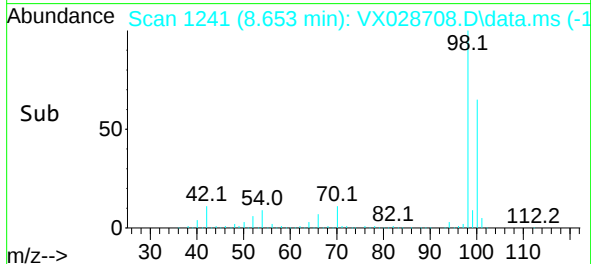
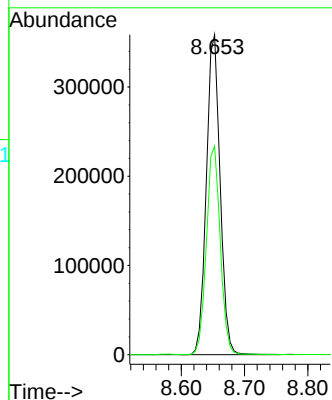
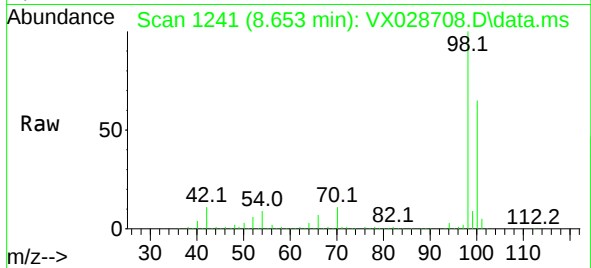




#50
Toluene-d8
Concen: 49.336 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX028708.D
Acq: 14 May 2022 03:45

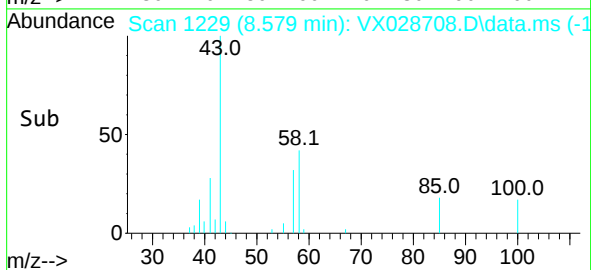
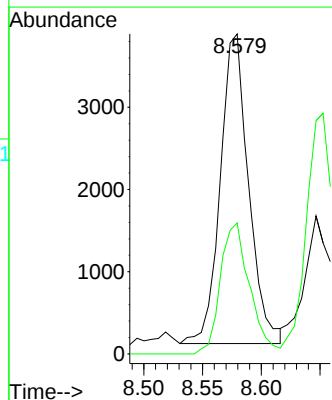
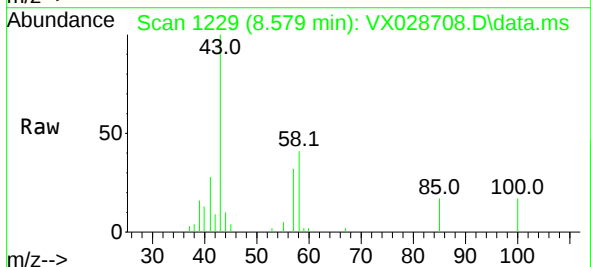
Instrument :
MSVOA_X
ClientSampleId :
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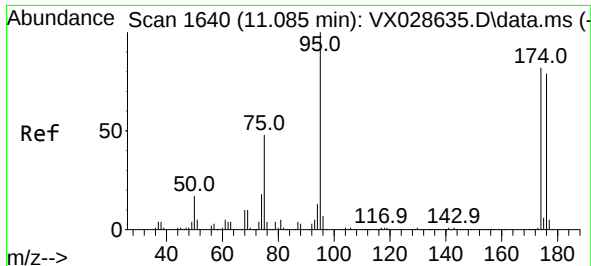
Tgt Ion: 98 Resp: 543911
Ion Ratio Lower Upper
98 100
100 65.5 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 1.339 ug/l
RT: 8.579 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX028708.D
Acq: 14 May 2022 03:45

Tgt Ion: 43 Resp: 6330
Ion Ratio Lower Upper
43 100
58 43.4 36.1 54.1

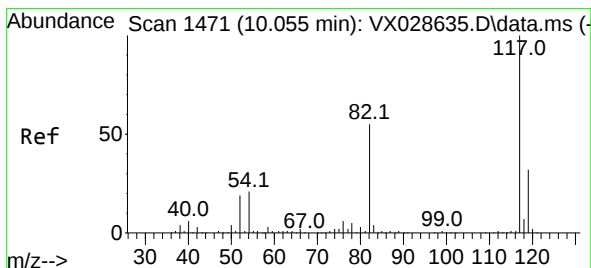
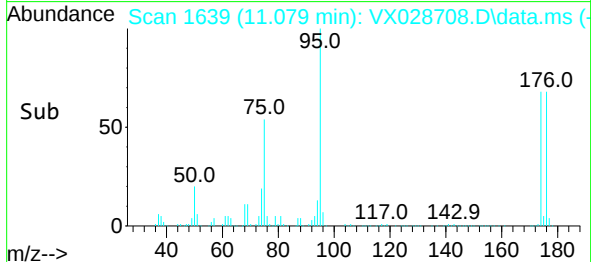
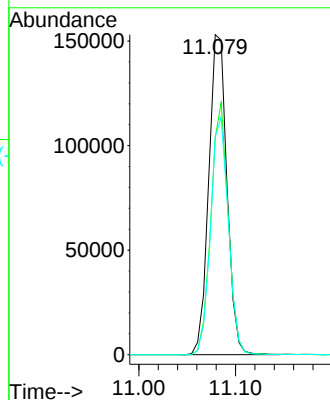
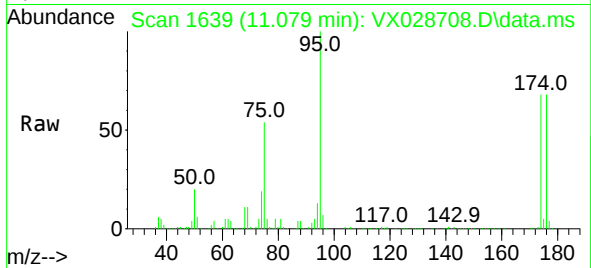




#62
4-Bromofluorobenzene
Concen: 48.574 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028708.D
Acq: 14 May 2022 03:45

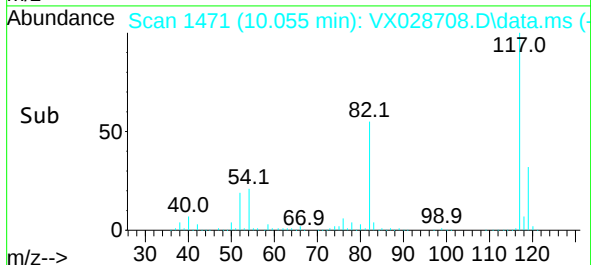
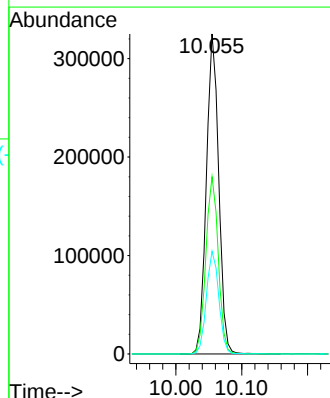
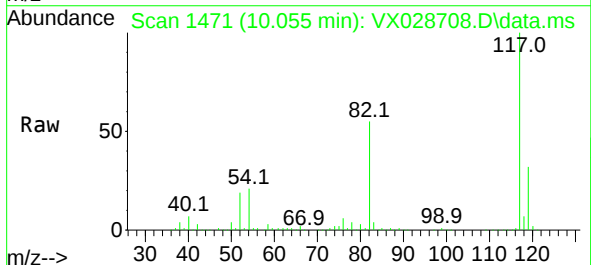
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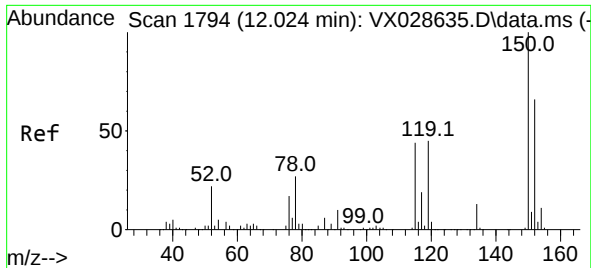
Tgt Ion: 95 Resp: 200018
Ion Ratio Lower Upper
95 100
174 74.9 0.0 163.0
176 72.6 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028708.D
Acq: 14 May 2022 03:45

Tgt Ion: 117 Resp: 424444
Ion Ratio Lower Upper
117 100
82 55.4 41.8 62.8
119 32.1 24.8 37.2

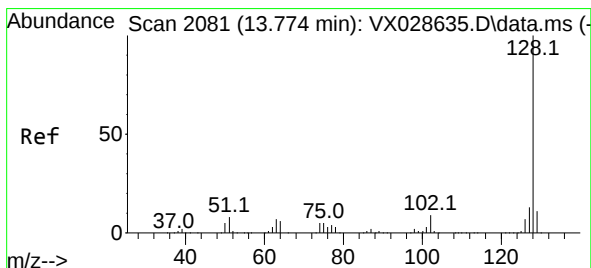
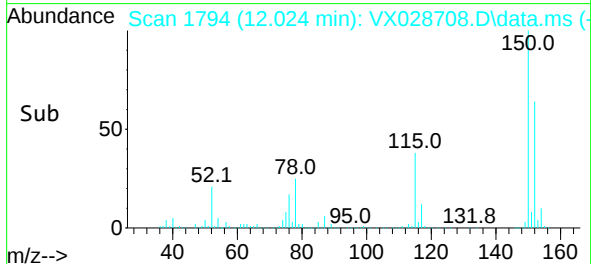
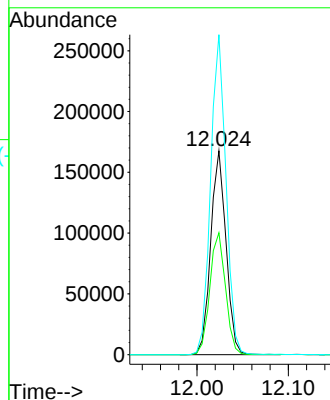
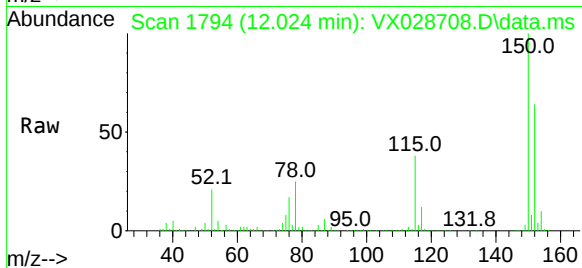




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028708.D
Acq: 14 May 2022 03:45

Instrument :
MSVOA_X
ClientSampleId :
COM-1

Tgt Ion:152 Resp: 194739
Ion Ratio Lower Upper
152 100
115 61.2 37.5 112.7
150 156.9 0.0 338.2



#95
Naphthalene
Concen: 1.068 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX028708.D
Acq: 14 May 2022 03:45

Tgt Ion:128 Resp: 14775
Ion Ratio Lower Upper
128 100
127 14.0 10.2 15.4
129 11.6 8.7 13.1

