

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082923\
 Data File : VX037341.D
 Acq On : 29 Aug 2023 14:51
 Operator : JC/MD
 Sample : 04207-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OW-07B-67-082823-H

Quant Time: Aug 30 02:07:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

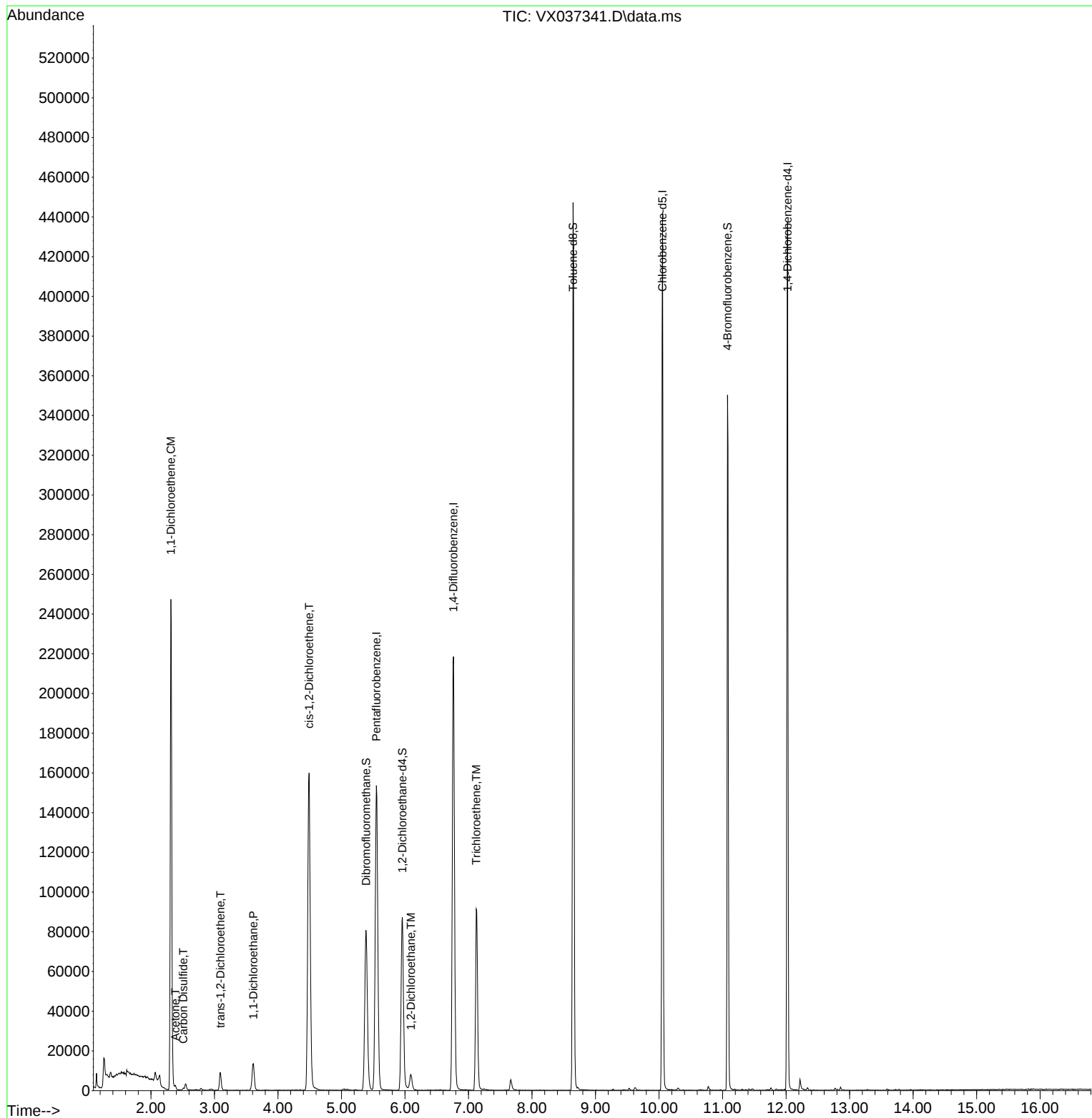
Internal Standards						
1) Pentafluorobenzene	5.550	168	143289	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	233836	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	206019	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94376	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	86499	41.873	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	83.740%		
35) Dibromofluoromethane	5.385	113	72346	46.716	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.440%		
50) Toluene-d8	8.647	98	271678	48.363	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.720%		
62) 4-Bromofluorobenzene	11.079	95	99236	44.952	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.900%		
Target Compounds					Qvalue	
12) 1,1-Dichloroethene	2.313	96	86031	58.325	ug/l	84
16) Acetone	2.386	43	2148	2.658	ug/l	93
17) Carbon Disulfide	2.508	76	1316	0.351	ug/l	100
21) trans-1,2-Dichloroethene	3.093	96	3942	2.351	ug/l	91
24) 1,1-Dichloroethane	3.611	63	15732	5.355	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	107841	54.555	ug/l	79
42) 1,2-Dichloroethane	6.092	62	9349	3.778	ug/l	95
44) Trichloroethene	7.123	130	37674	21.055	ug/l	98

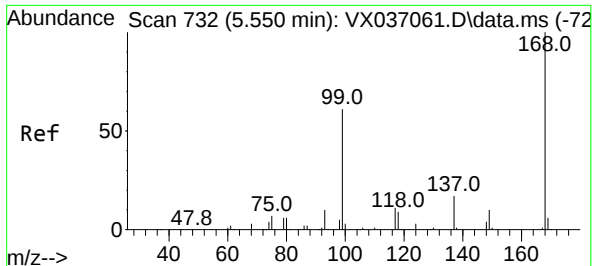
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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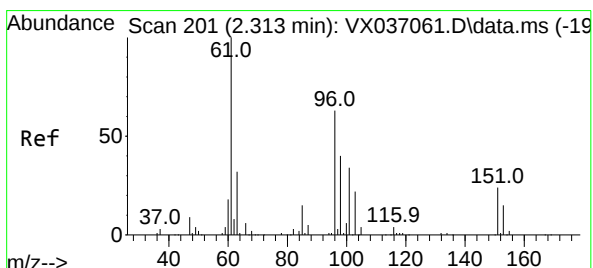
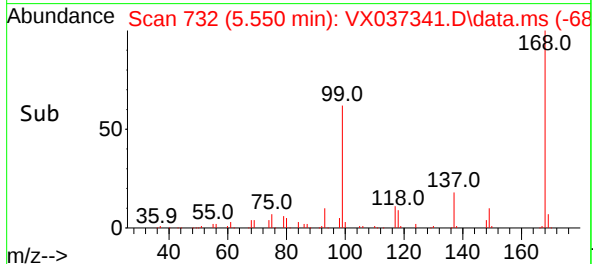
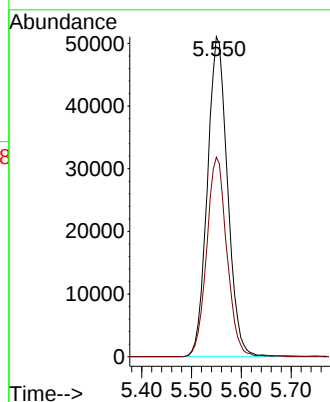
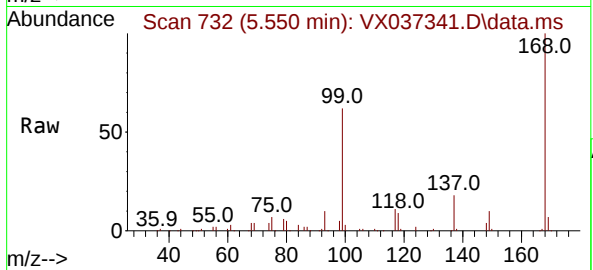




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX037341.D
Acq: 29 Aug 2023 14:51

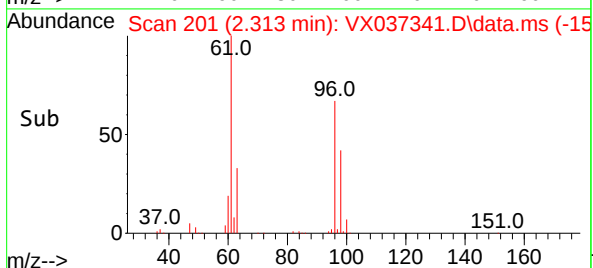
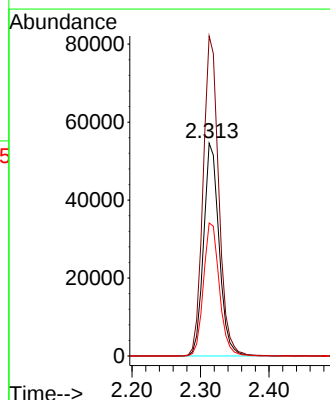
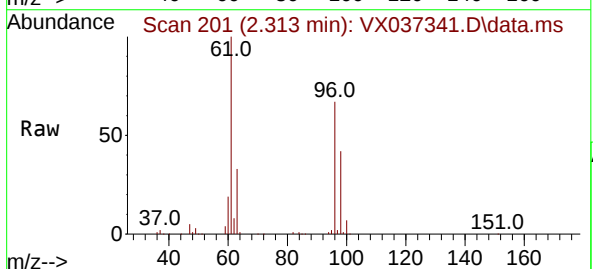
Instrument :
MSVOA_X
ClientSampleId :
OW-07B-67-082823-H

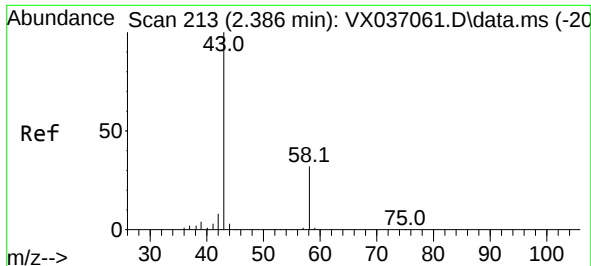
Tgt Ion:168 Resp: 143289
Ion Ratio Lower Upper
168 100
99 62.3 56.6 85.0



#12
1,1-Dichloroethene
Concen: 58.325 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX037341.D
Acq: 29 Aug 2023 14:51

Tgt Ion: 96 Resp: 86031
Ion Ratio Lower Upper
96 100
61 150.4 144.6 216.8
98 62.5 50.4 75.6

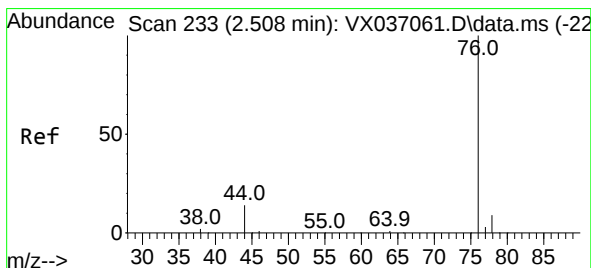
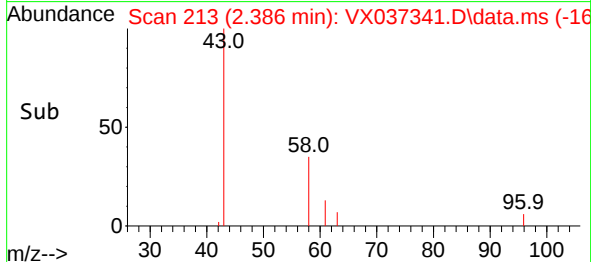
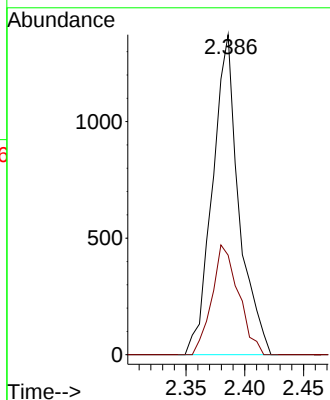
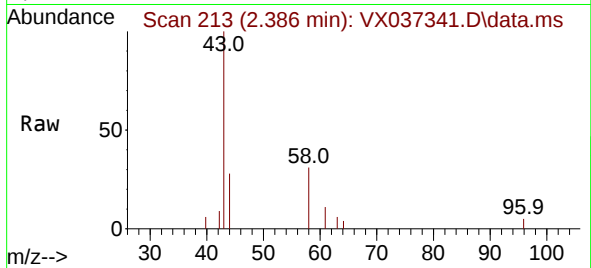




#16
Acetone
Concen: 2.658 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX037341.D
Acq: 29 Aug 2023 14:51

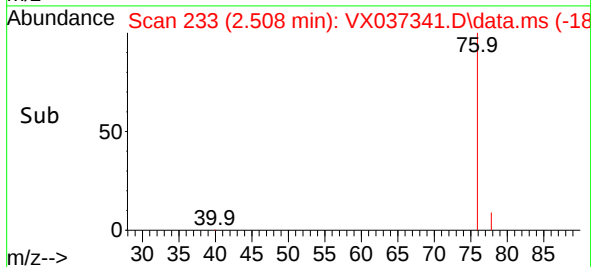
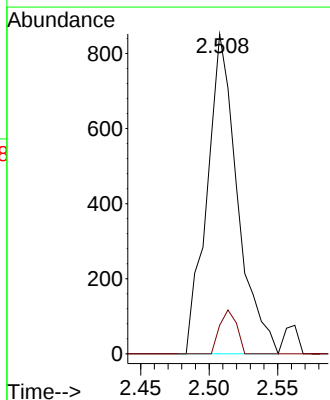
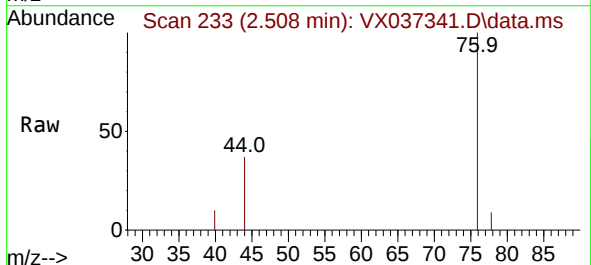
Instrument :
MSVOA_X
ClientSampleId :
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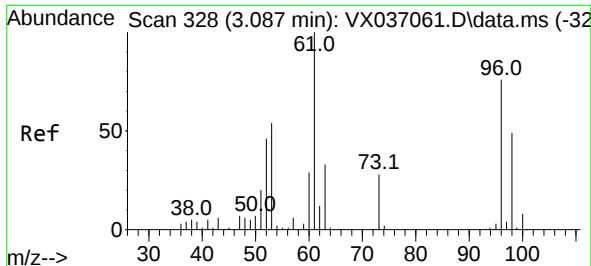
Tgt Ion: 43 Resp: 2148
Ion Ratio Lower Upper
43 100
58 31.1 21.9 32.9



#17
Carbon Disulfide
Concen: 0.351 ug/l
RT: 2.508 min Scan# 233
Delta R.T. 0.000 min
Lab File: VX037341.D
Acq: 29 Aug 2023 14:51

Tgt Ion: 76 Resp: 1316
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6

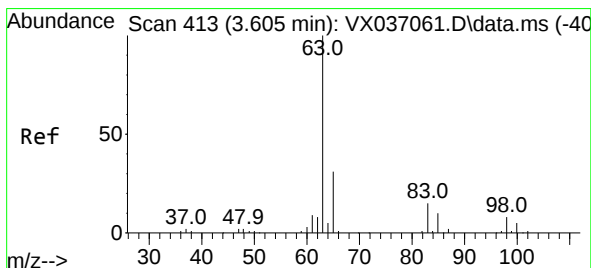
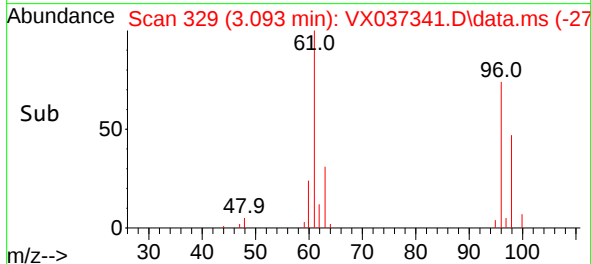
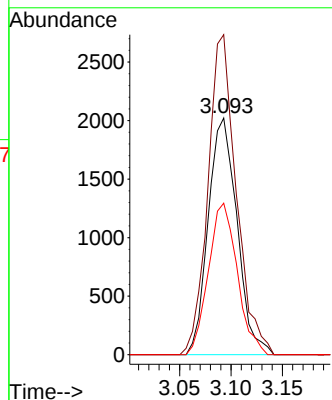
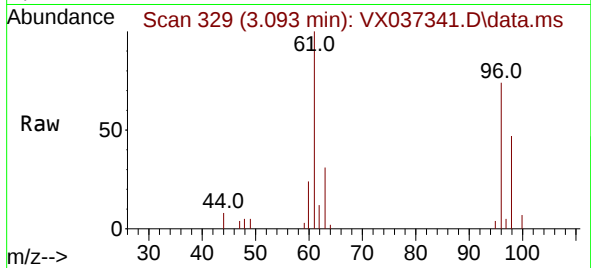




#21
trans-1,2-Dichloroethene
Concen: 2.351 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX037341.D
Acq: 29 Aug 2023 14:51

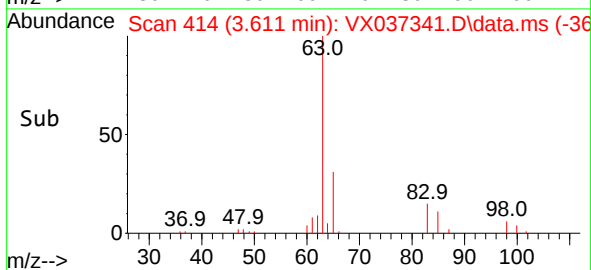
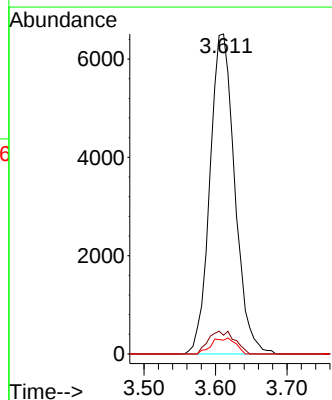
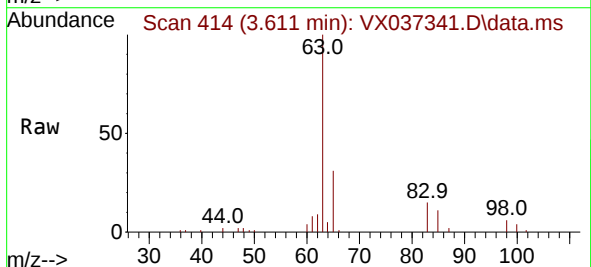
Instrument :
MSVOA_X
ClientSampleId :
OW-07B-67-082823-H

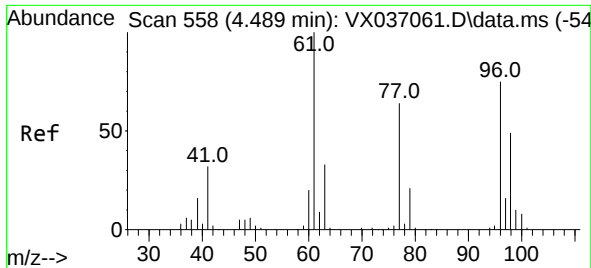
Tgt Ion: 96 Resp: 3942
Ion Ratio Lower Upper
96 100
61 135.2 119.2 178.8
98 64.0 48.7 73.1



#24
1,1-Dichloroethane
Concen: 5.355 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX037341.D
Acq: 29 Aug 2023 14:51

Tgt Ion: 63 Resp: 15732
Ion Ratio Lower Upper
63 100
98 5.8 3.3 9.8
100 4.3 2.1 6.5





#27

cis-1,2-Dichloroethene

Concen: 54.555 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX037341.D

Acq: 29 Aug 2023 14:51

Instrument :

MSVOA_X

ClientSampleId :

OW-07B-67-082823-H

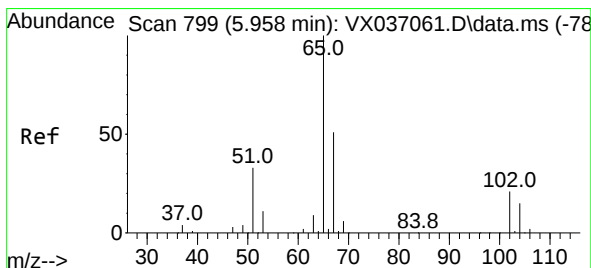
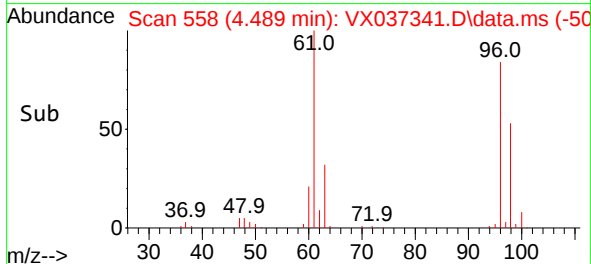
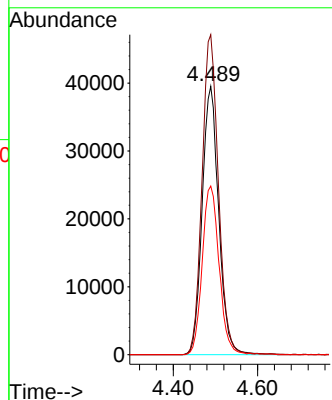
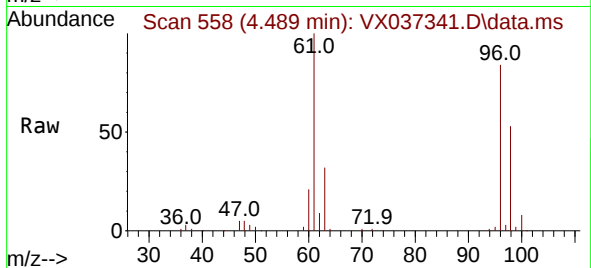
Tgt Ion: 96 Resp: 107841

Ion Ratio Lower Upper

96 100

61 118.4 0.0 312.2

98 64.3 0.0 129.0



#33

1,2-Dichloroethane-d4

Concen: 41.873 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX037341.D

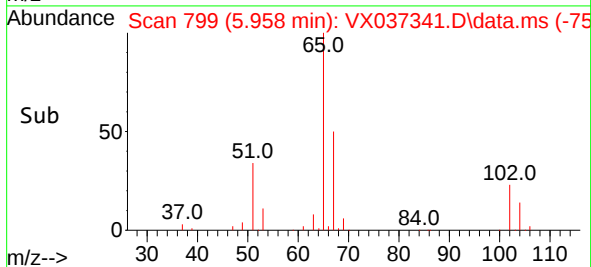
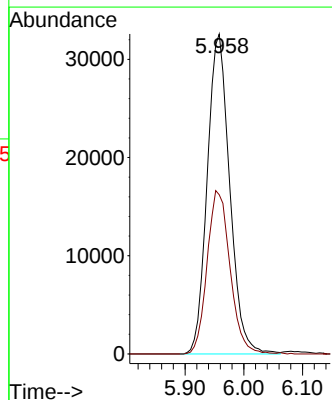
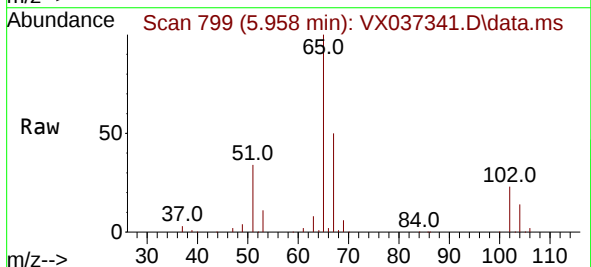
Acq: 29 Aug 2023 14:51

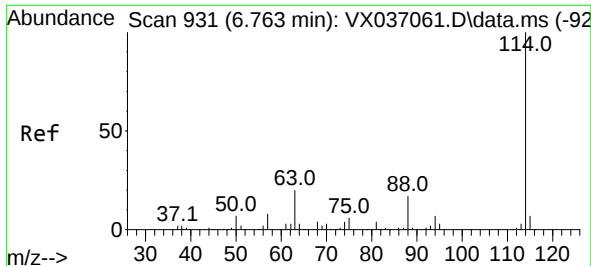
Tgt Ion: 65 Resp: 86499

Ion Ratio Lower Upper

65 100

67 52.2 0.0 100.2

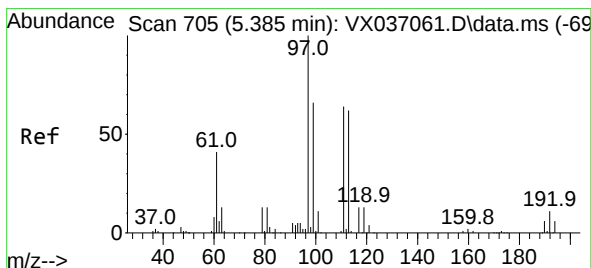
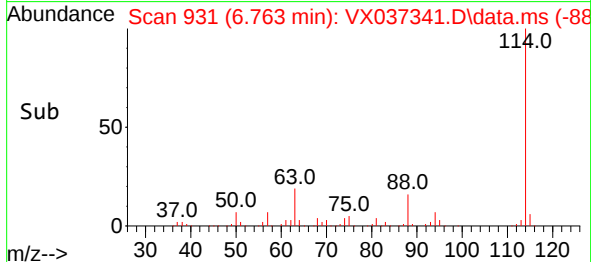
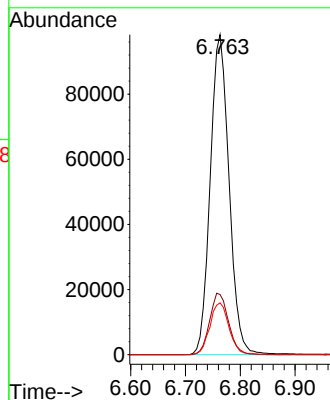
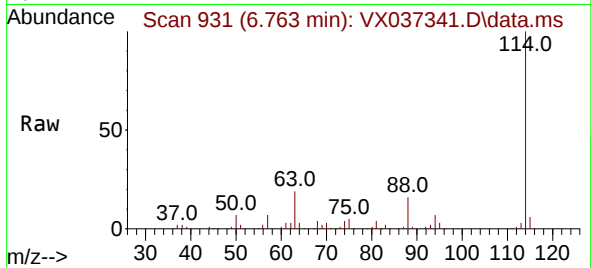




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX037341.D
Acq: 29 Aug 2023 14:51

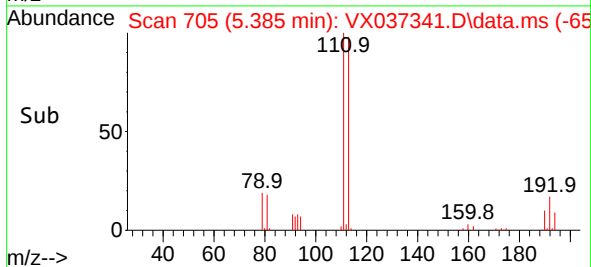
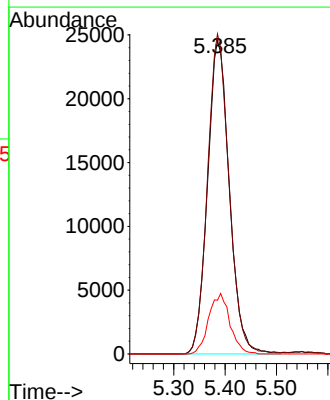
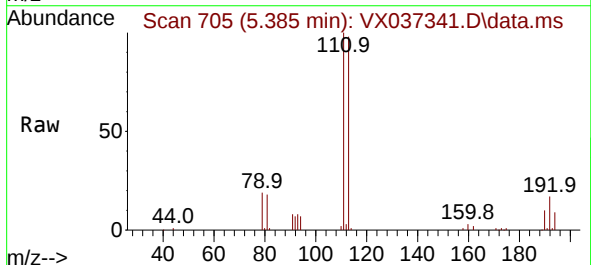
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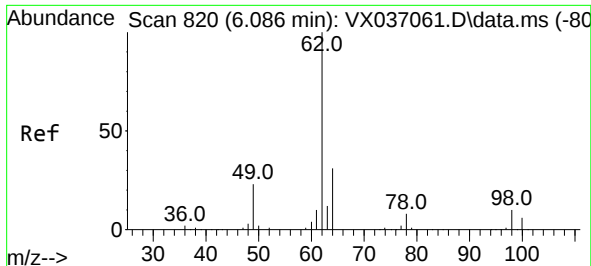
Tgt Ion:114 Resp: 233836
Ion Ratio Lower Upper
114 100
63 18.8 0.0 45.0
88 16.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.716 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037341.D
Acq: 29 Aug 2023 14:51

Tgt Ion:113 Resp: 72346
Ion Ratio Lower Upper
113 100
111 100.9 82.9 124.3
192 18.7 13.3 19.9





#42

1,2-Dichloroethane

Concen: 3.778 ug/l

RT: 6.092 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX037341.D

Acq: 29 Aug 2023 14:51

Instrument :

MSVOA_X

ClientSampleId :

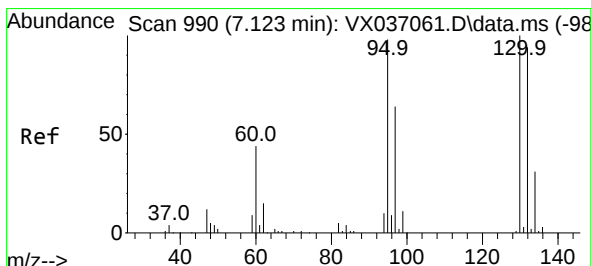
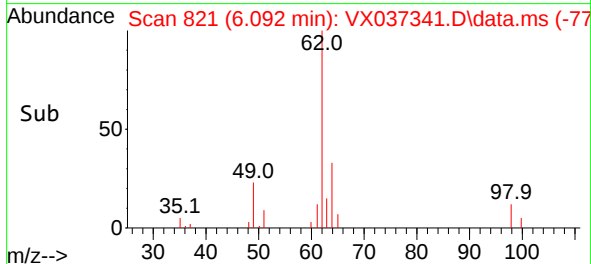
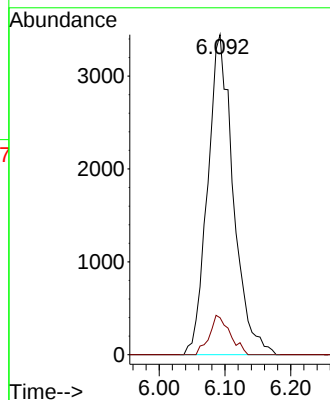
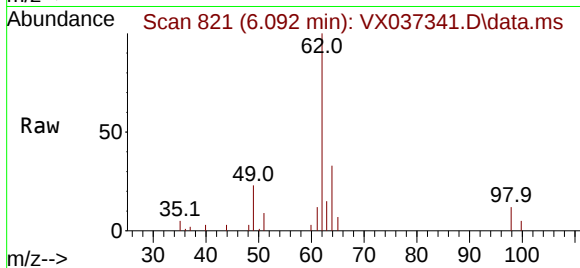
OW-07B-67-082823-H

Tgt Ion: 62 Resp: 9349

Ion Ratio Lower Upper

62 100

98 9.9 0.0 16.0



#44

Trichloroethene

Concen: 21.055 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX037341.D

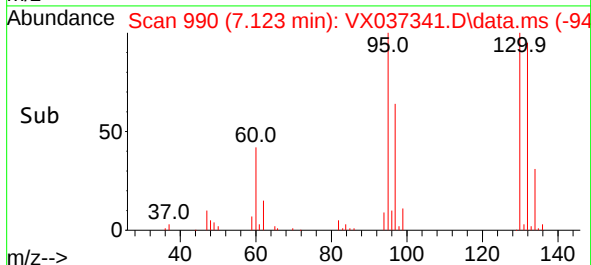
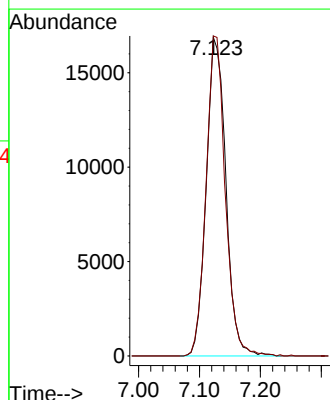
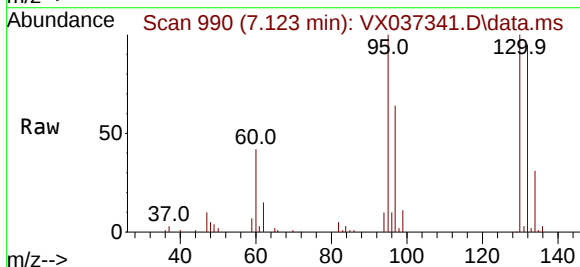
Acq: 29 Aug 2023 14:51

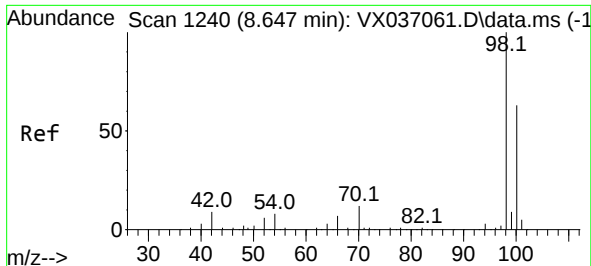
Tgt Ion: 130 Resp: 37674

Ion Ratio Lower Upper

130 100

95 100.4 0.0 204.4

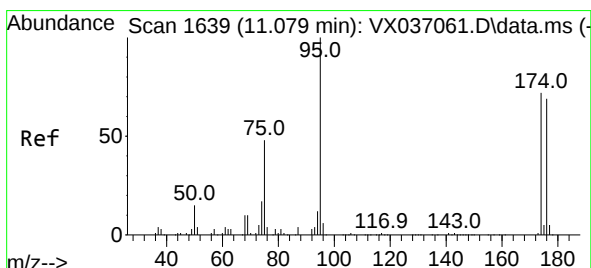
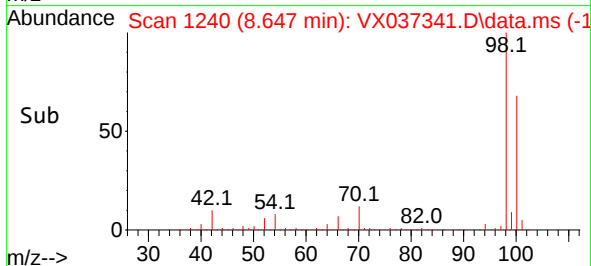
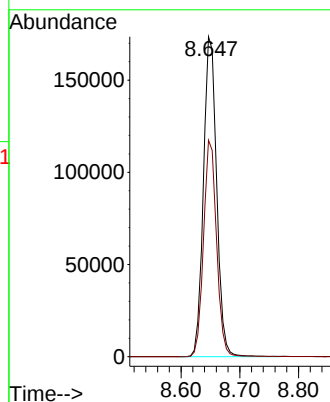
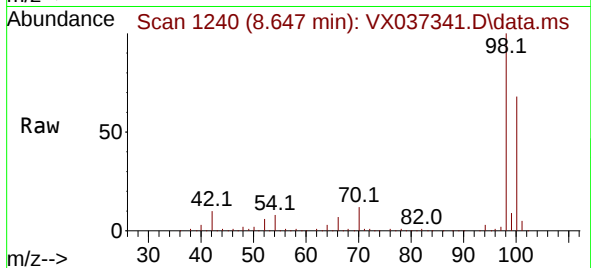




#50
Toluene-d8
Concen: 48.363 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037341.D
Acq: 29 Aug 2023 14:51

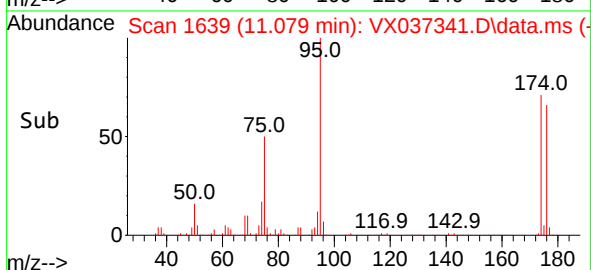
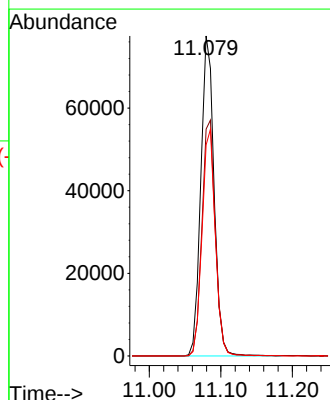
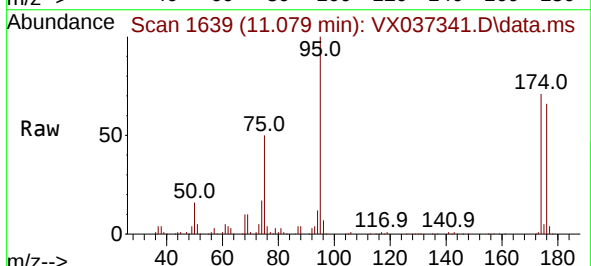
Instrument :
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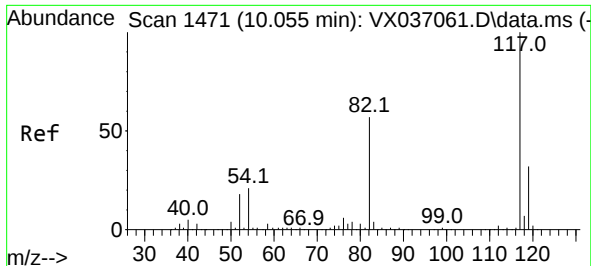
Tgt Ion: 98 Resp: 271678
Ion Ratio Lower Upper
98 100
100 66.7 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 44.952 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037341.D
Acq: 29 Aug 2023 14:51

Tgt Ion: 95 Resp: 99236
Ion Ratio Lower Upper
95 100
174 74.8 0.0 135.6
176 71.2 0.0 131.0

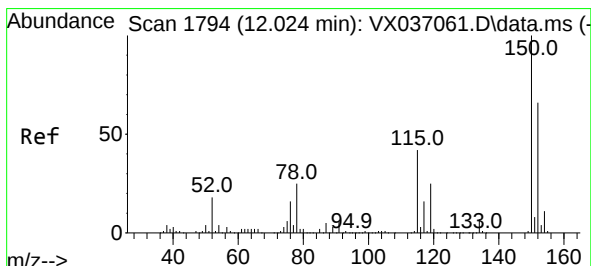
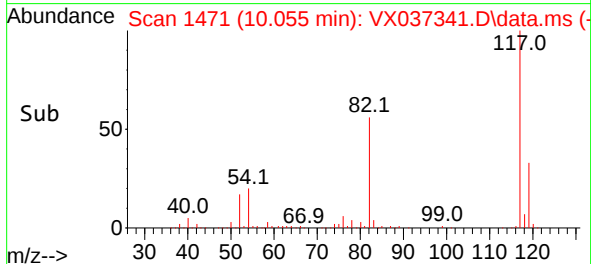
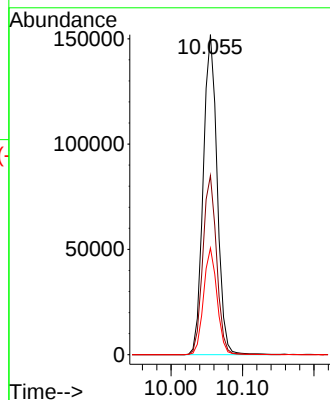
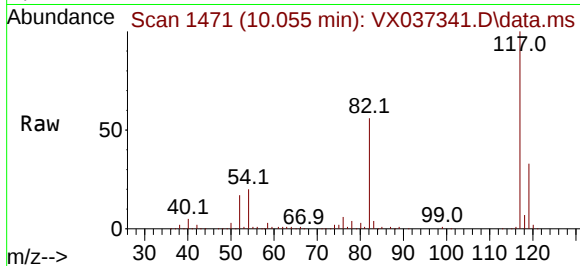




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037341.D
Acq: 29 Aug 2023 14:51

Instrument :
MSVOA_X
ClientSampleId :
OW-07B-67-082823-H

Tgt Ion:117 Resp: 206019
Ion Ratio Lower Upper
117 100
82 56.0 46.2 69.4
119 33.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX037341.D
Acq: 29 Aug 2023 14:51

Tgt Ion:152 Resp: 94376
Ion Ratio Lower Upper
152 100
115 62.2 43.3 129.9
150 155.8 0.0 345.0

