

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071621\
 Data File : VX023328.D
 Acq On : 16 Jul 2021 15:32
 Operator : JC/MD
 Sample : M3087-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

Quant Time: Jul 17 02:10:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:29:42 2021
 Response via : Initial Calibration

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

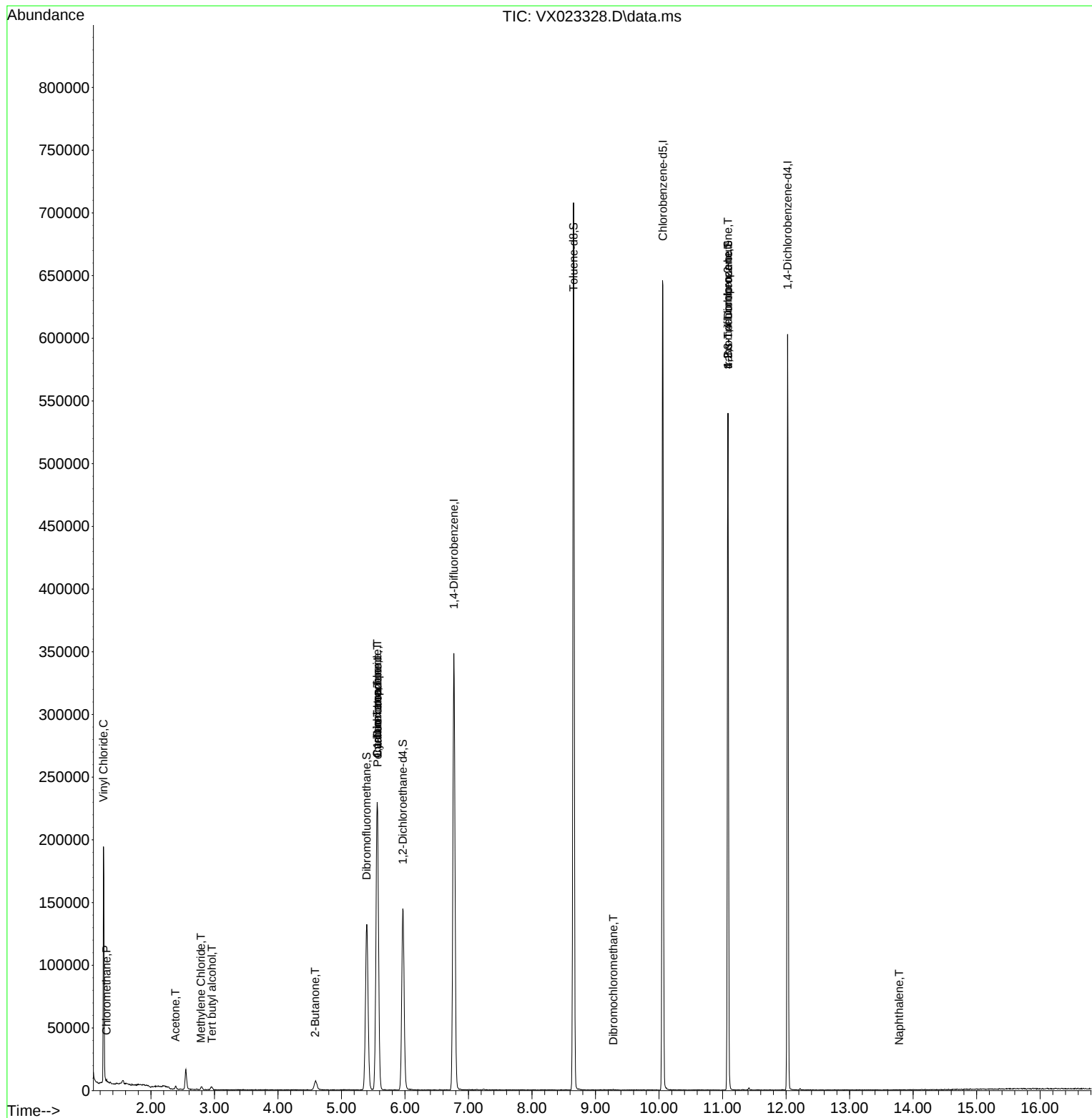
Internal Standards						
1) Pentafluorobenzene	5.568	168	213296	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	344932	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	307231	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	120004	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	148903	51.942	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 103.880%		
35) Dibromofluoromethane	5.397	113	114099	51.225	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 102.440%		
50) Toluene-d8	8.653	98	411325	49.505	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 99.000%		
62) 4-Bromofluorobenzene	11.085	95	143818	44.836	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 89.680%		
Target Compounds						
						Qvalue
3) Chloromethane	1.300	50	434	0.227	ug/l #	61
4) Vinyl Chloride	1.252	62	1646	0.813	ug/l #	51
5) Bromomethane	1.624	94	565	Below Cal	#	46
11) Tert butyl alcohol	2.959	59	1566	2.597	ug/l #	73
16) Acetone	2.386	43	2721	2.399	ug/l	92
20) Methylene Chloride	2.788	84	1101	0.451	ug/l	92
25) 2-Butanone	4.586	43	354	0.207	ug/l #	45
31) Cyclohexane	5.562	56	4154	1.210	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	16776	5.456	ug/l #	50
38) Carbon Tetrachloride	5.562	117	22317	6.953	ug/l #	17
60) Dibromochloromethane	9.281	129	23	3.121	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	75954	31.452	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	75954	84.219	ug/l #	12
95) Naphthalene	13.780	128	33	1.279	ug/l #	69

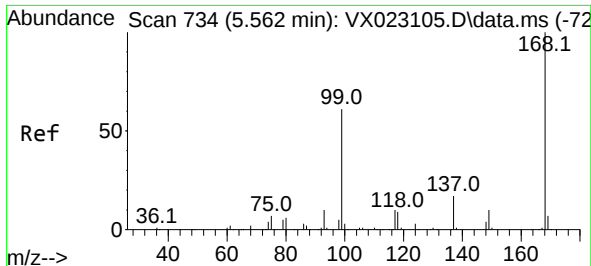
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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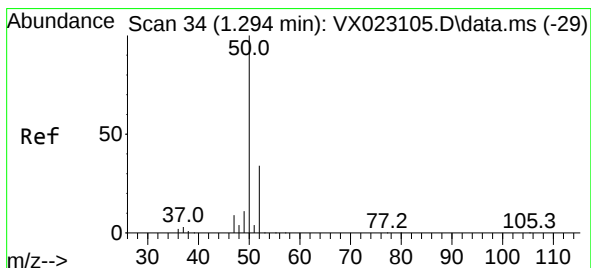
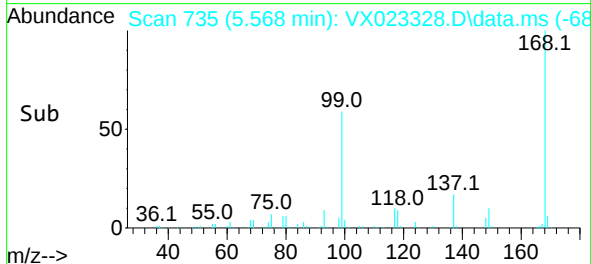
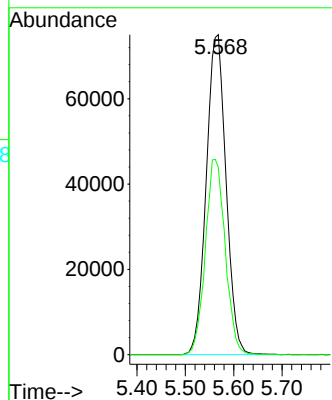
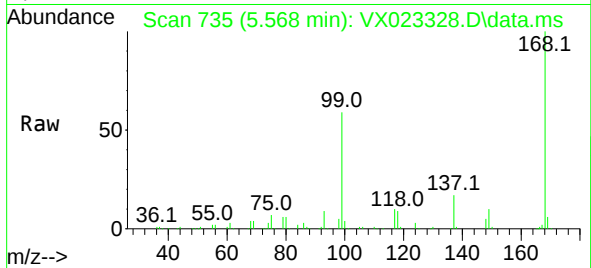




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX023328.D
Acq: 16 Jul 2021 15:32

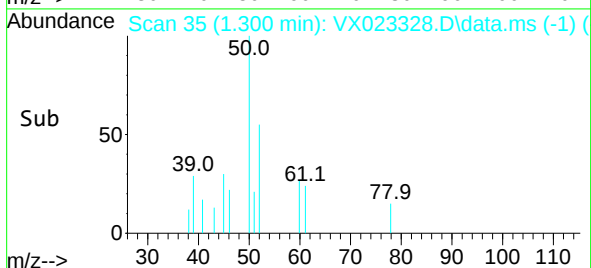
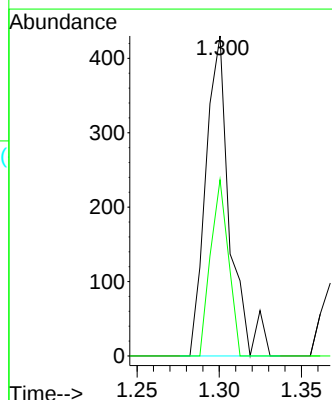
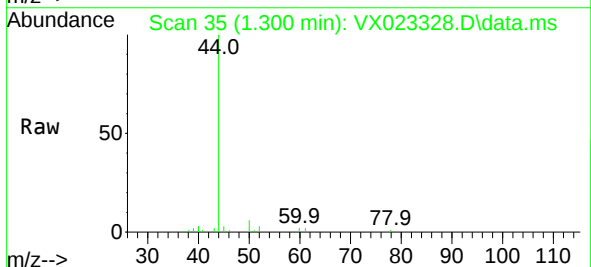
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

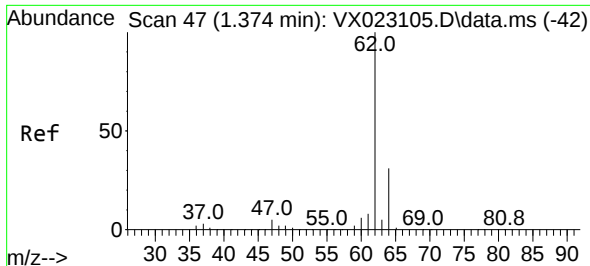
Tgt Ion:168 Resp: 213296
Ion Ratio Lower Upper
168 100
99 58.6 45.8 68.6



#3
Chloromethane
Concen: 0.227 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX023328.D
Acq: 16 Jul 2021 15:32

Tgt Ion: 50 Resp: 434
Ion Ratio Lower Upper
50 100
52 55.1 26.4 39.6#

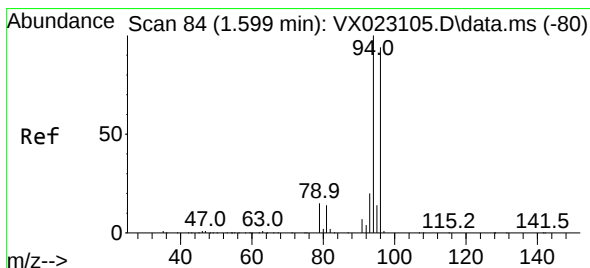
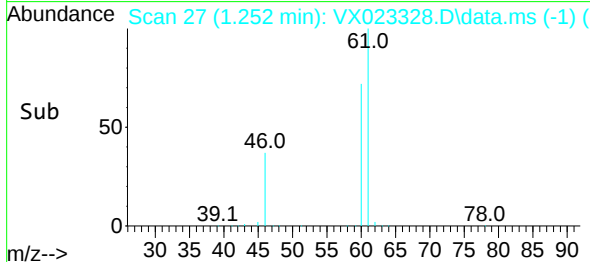
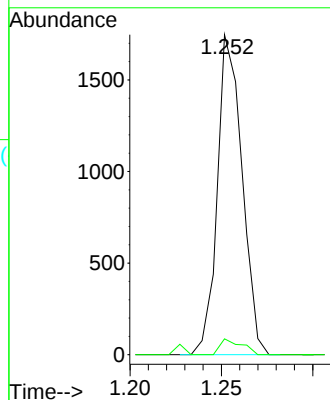
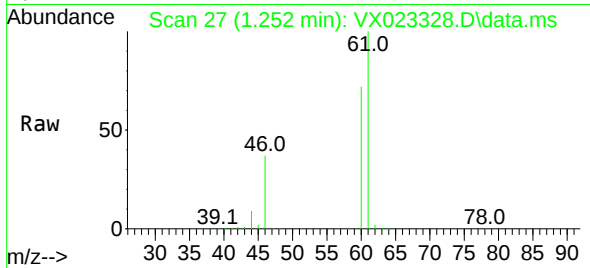




#4
 Vinyl Chloride
 Concen: 0.813 ug/l
 RT: 1.252 min Scan# 27
 Delta R.T. -0.122 min
 Lab File: VX023328.D
 Acq: 16 Jul 2021 15:32

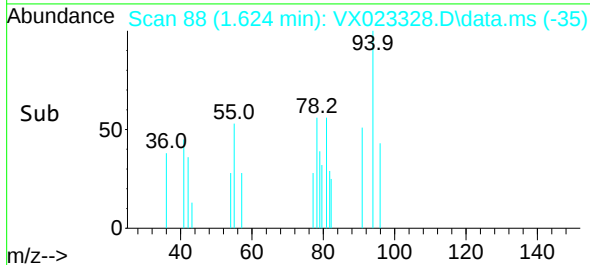
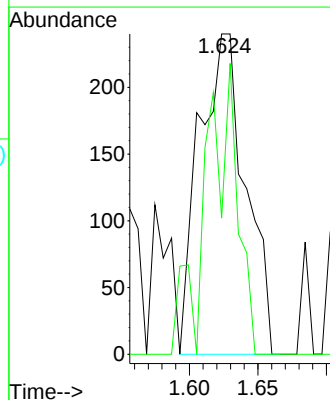
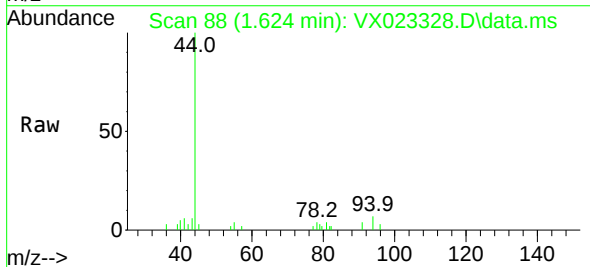
Instrument :
 MSVOA_X
 ClientSampleId :
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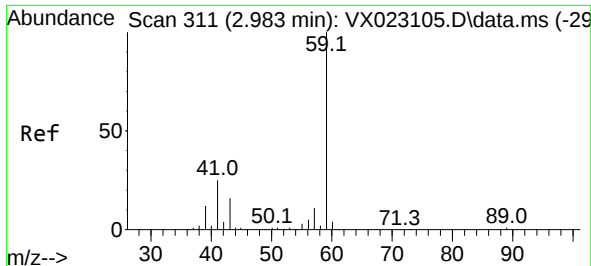
Tgt Ion: 62 Resp: 1646
 Ion Ratio Lower Upper
 62 100
 64 5.0 25.7 38.5#



#5
 Bromomethane
 Concen: Below Cal
 RT: 1.624 min Scan# 88
 Delta R.T. 0.025 min
 Lab File: VX023328.D
 Acq: 16 Jul 2021 15:32

Tgt Ion: 94 Resp: 565
 Ion Ratio Lower Upper
 94 100
 96 42.5 76.4 114.6#



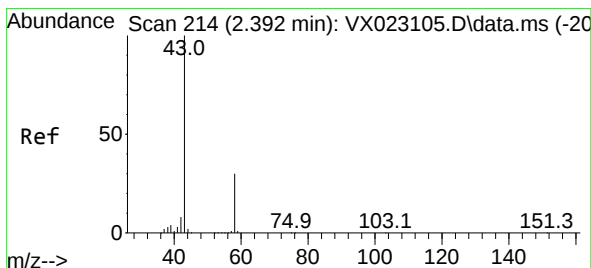
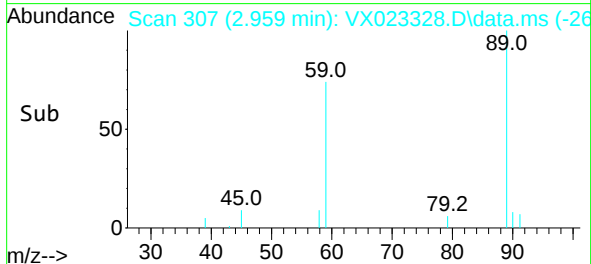
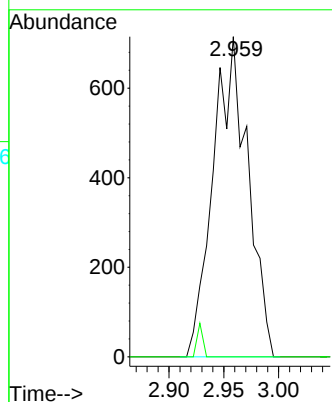
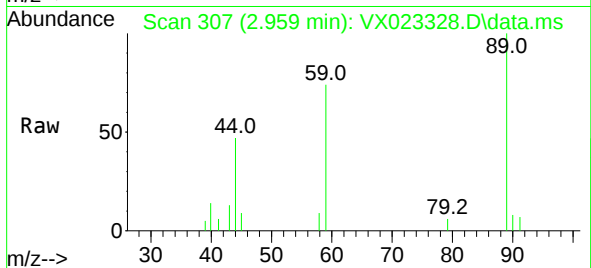


#11

Tert butyl alcohol
Concen: 2.597 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX023328.D
Acq: 16 Jul 2021 15:32

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

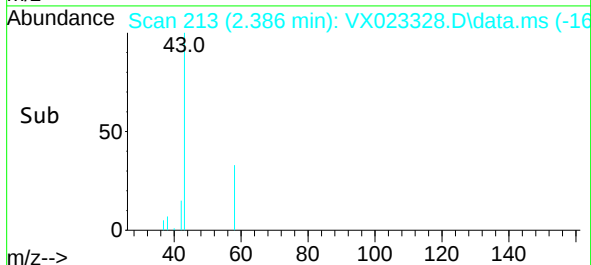
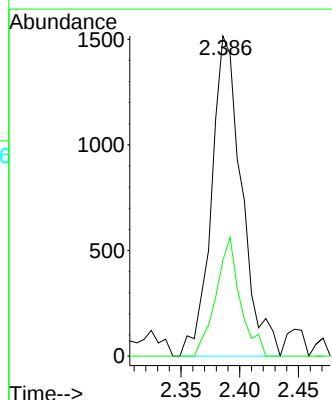
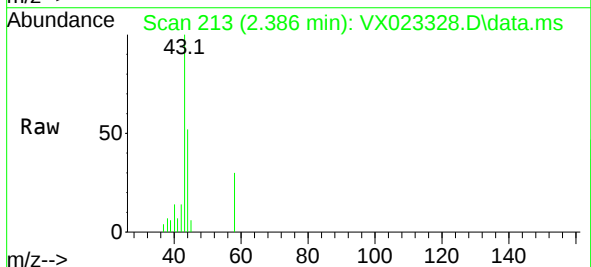
Tgt Ion: 59 Resp: 1566
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

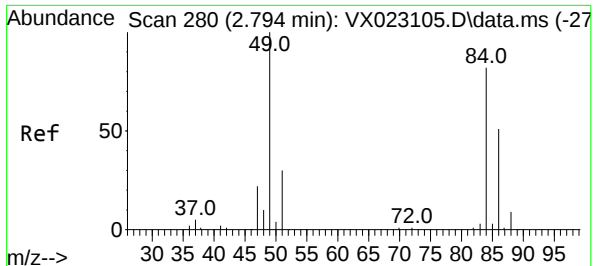


#16

Acetone
Concen: 2.399 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023328.D
Acq: 16 Jul 2021 15:32

Tgt Ion: 43 Resp: 2721
Ion Ratio Lower Upper
43 100
58 29.9 27.8 41.8





#20

Methylene Chloride

Concen: 0.451 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.006 min

Lab File: VX023328.D

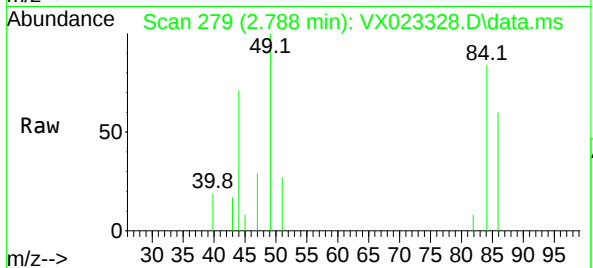
Acq: 16 Jul 2021 15:32

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA



Tgt Ion: 84 Resp: 1101

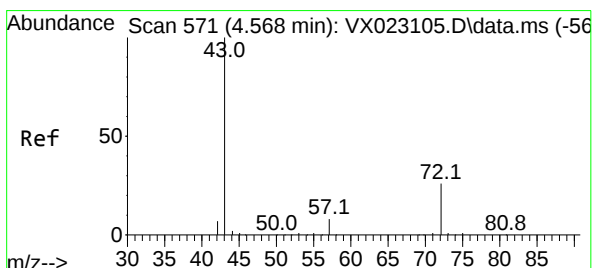
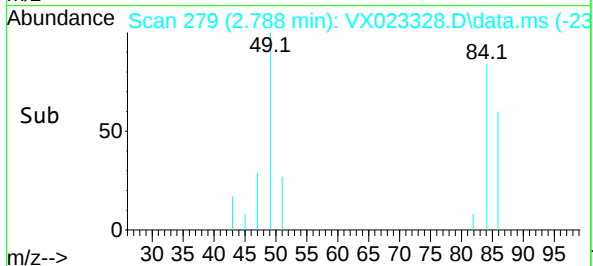
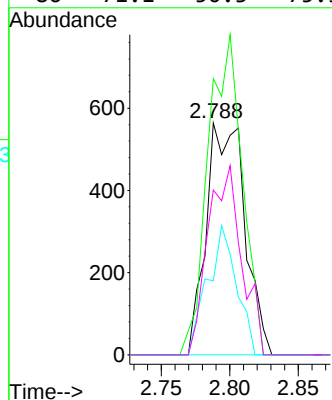
Ion Ratio Lower Upper

84 100

49 119.1 88.6 132.8

51 31.9 27.0 40.6

86 71.1 50.3 75.5



#25

2-Butanone

Concen: 0.207 ug/l

RT: 4.586 min Scan# 574

Delta R.T. 0.018 min

Lab File: VX023328.D

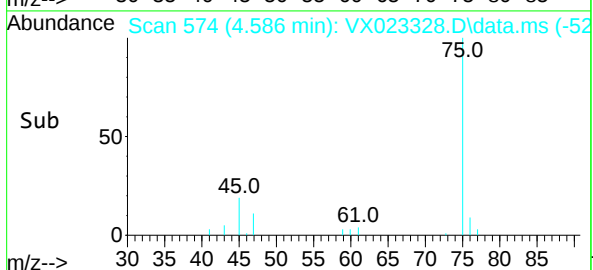
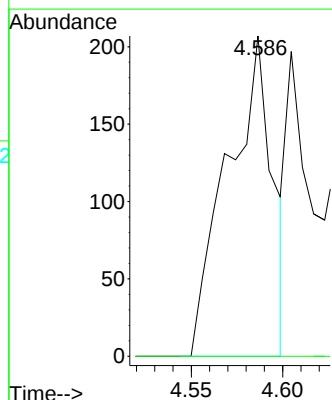
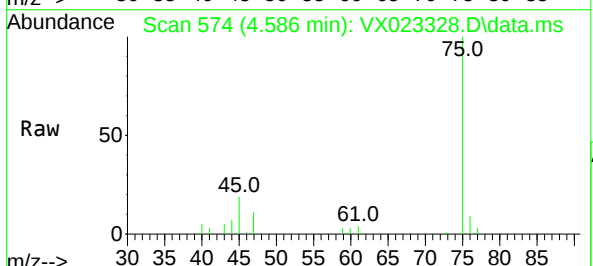
Acq: 16 Jul 2021 15:32

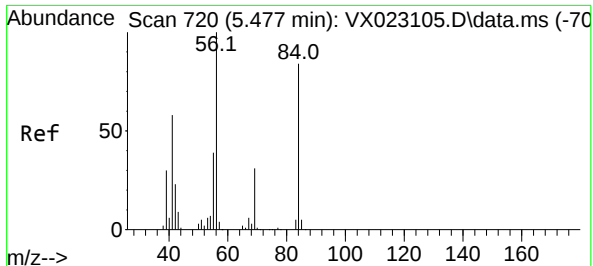
Tgt Ion: 43 Resp: 354

Ion Ratio Lower Upper

43 100

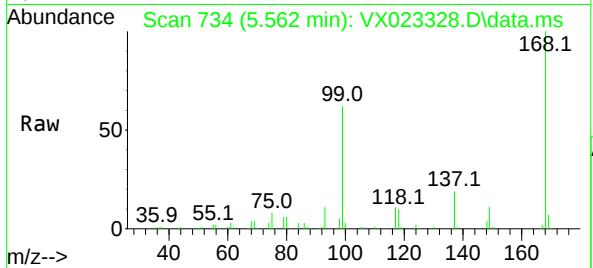
72 0.0 23.7 35.5#



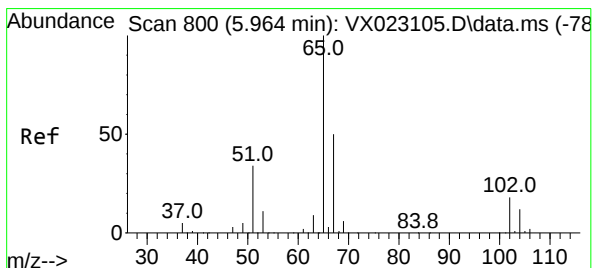
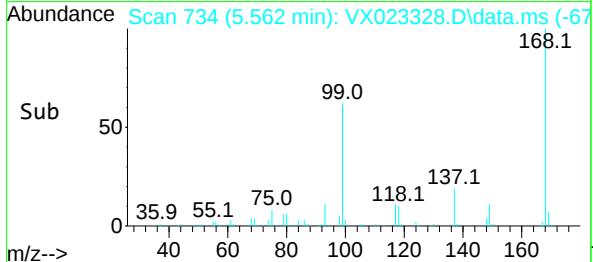
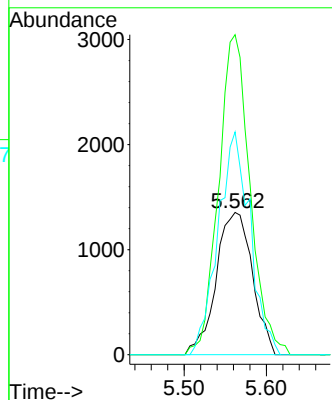


#31
Cyclohexane
Concen: 1.210 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX023328.D
Acq: 16 Jul 2021 15:32

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

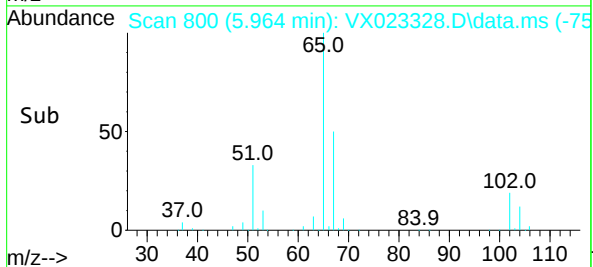
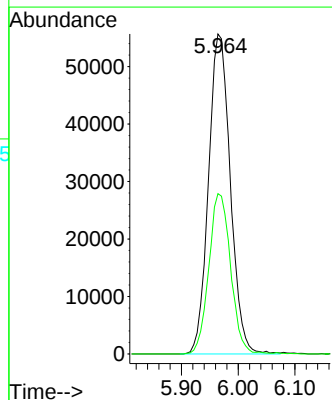
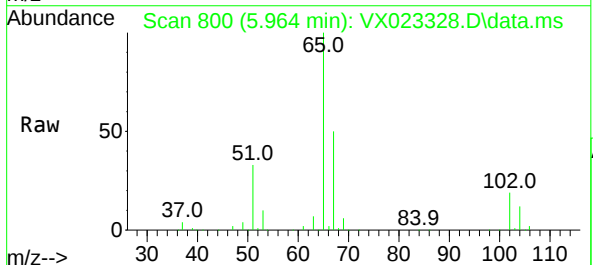


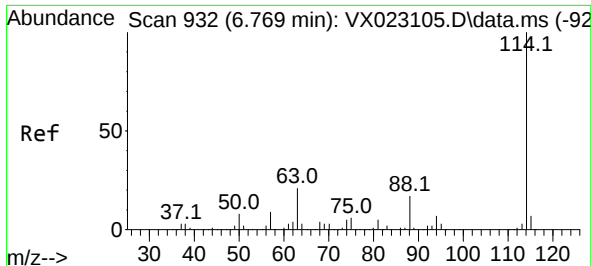
Tgt Ion: 56 Resp: 4154
Ion Ratio Lower Upper
56 100
69 225.0 25.3 37.9#
84 156.6 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 51.942 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023328.D
Acq: 16 Jul 2021 15:32

Tgt Ion: 65 Resp: 148903
Ion Ratio Lower Upper
65 100
67 50.0 0.0 105.4

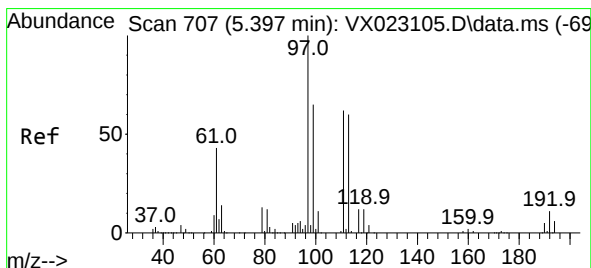
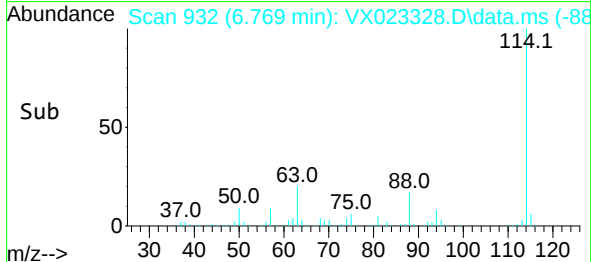
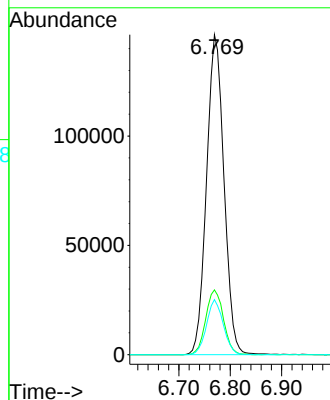
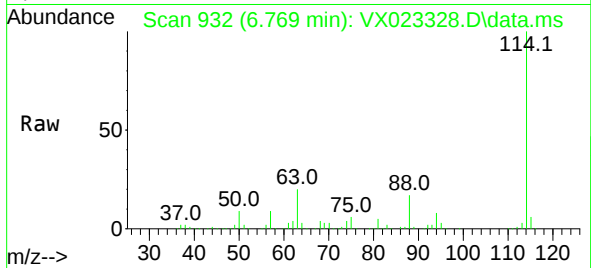




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023328.D
Acq: 16 Jul 2021 15:32

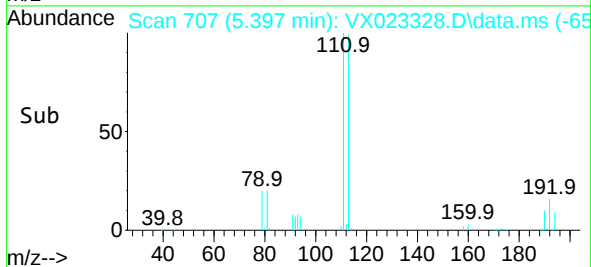
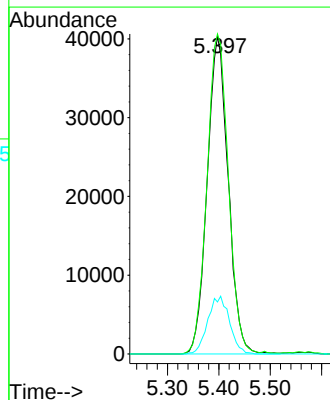
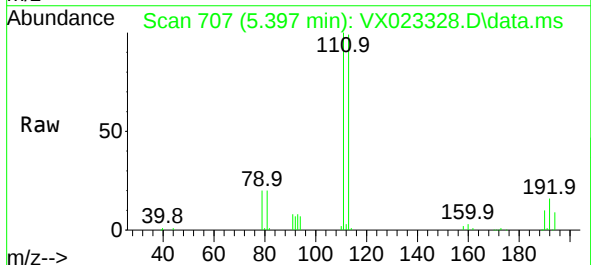
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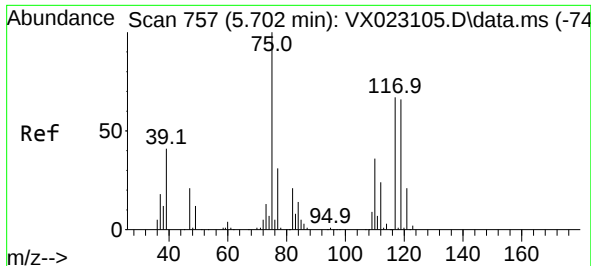
Tgt Ion:114 Resp: 344932
Ion Ratio Lower Upper
114 100
63 20.3 0.0 40.8
88 17.2 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.225 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023328.D
Acq: 16 Jul 2021 15:32

Tgt Ion:113 Resp: 114099
Ion Ratio Lower Upper
113 100
111 102.8 81.9 122.9
192 18.8 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.456 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX023328.D

Acq: 16 Jul 2021 15:32

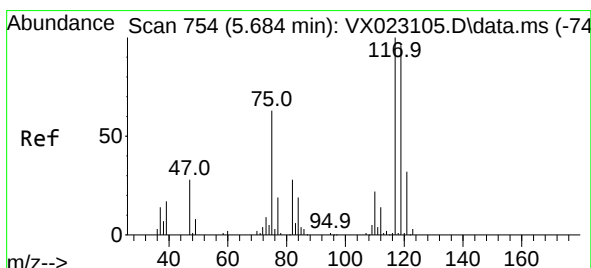
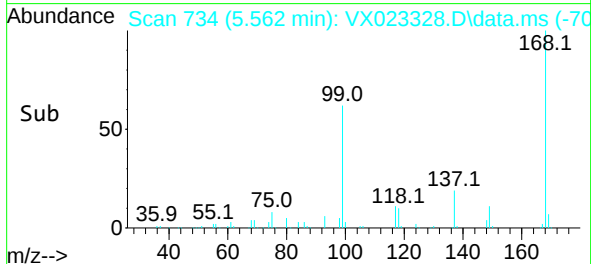
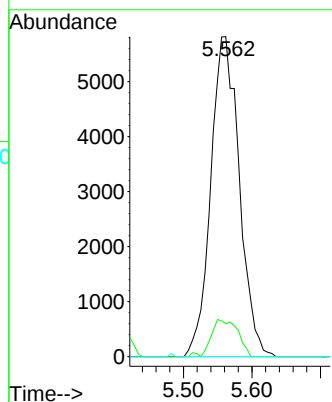
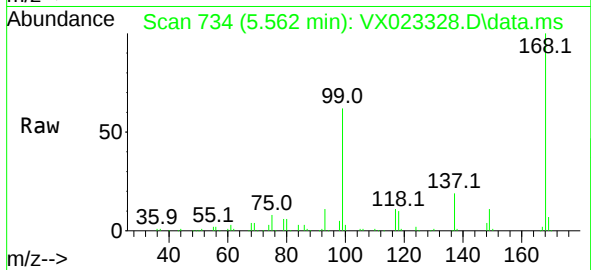
Tgt Ion:	75	Resp:	16776
Ion	Ratio	Lower	Upper
75	100		
110	10.9	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA



#38

Carbon Tetrachloride

Concen: 6.953 ug/l

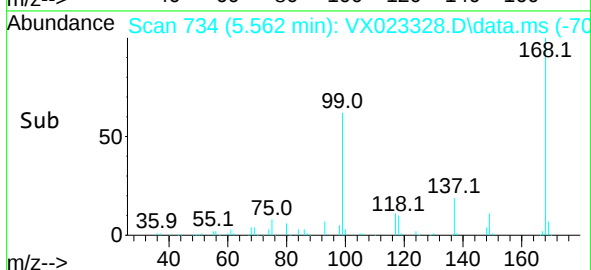
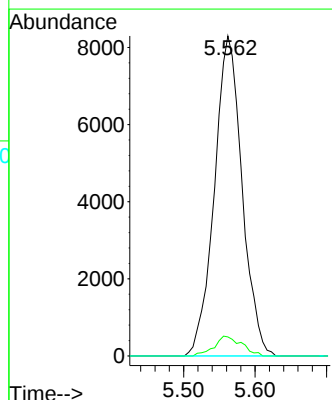
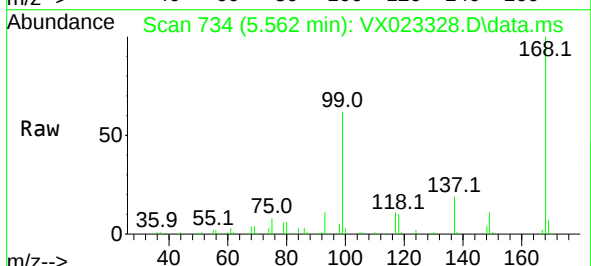
RT: 5.562 min Scan# 734

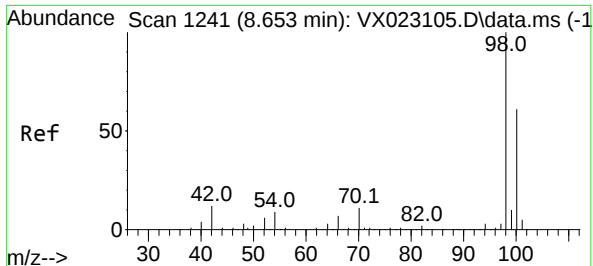
Delta R.T. -0.122 min

Lab File: VX023328.D

Acq: 16 Jul 2021 15:32

Tgt Ion:	117	Resp:	22317
Ion	Ratio	Lower	Upper
117	100		
119	6.0	76.2	114.2#
121	0.0	24.8	37.2#

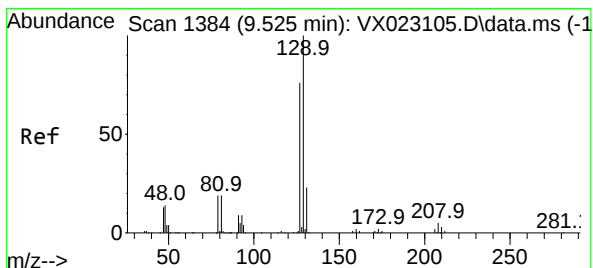
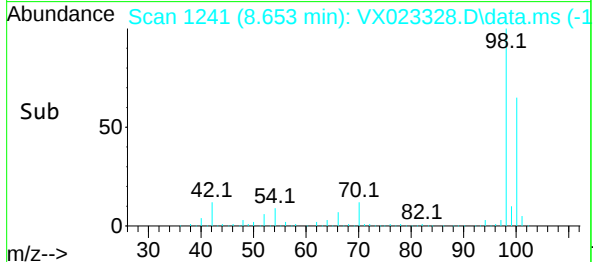
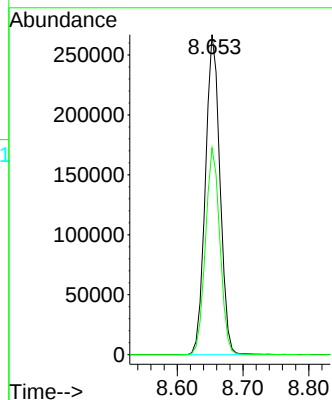
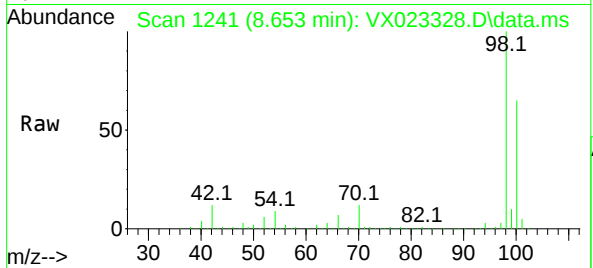




#50
Toluene-d8
Concen: 49.505 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023328.D
Acq: 16 Jul 2021 15:32

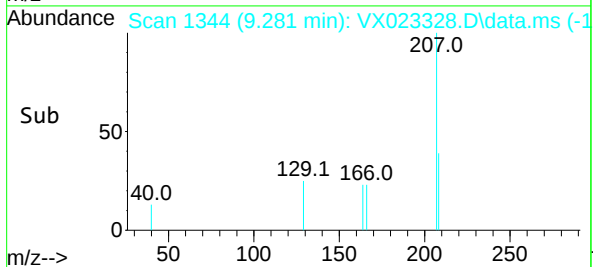
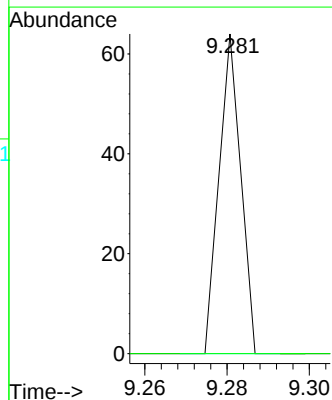
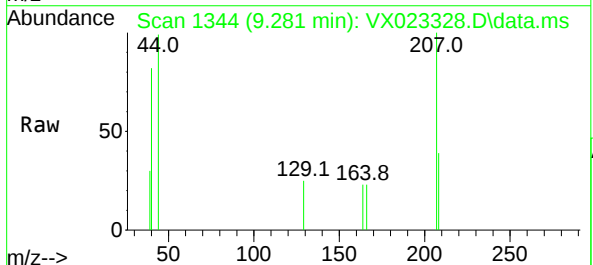
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

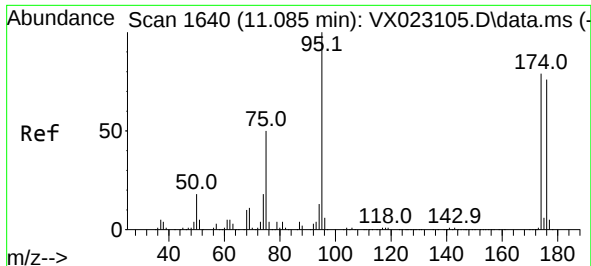
Tgt Ion: 98 Resp: 411325
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9



#60
Dibromochloromethane
Concen: 3.121 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.244 min
Lab File: VX023328.D
Acq: 16 Jul 2021 15:32

Tgt Ion: 129 Resp: 23
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

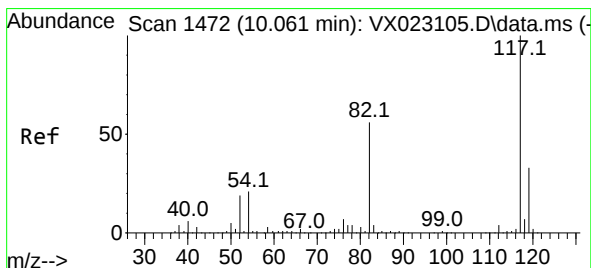
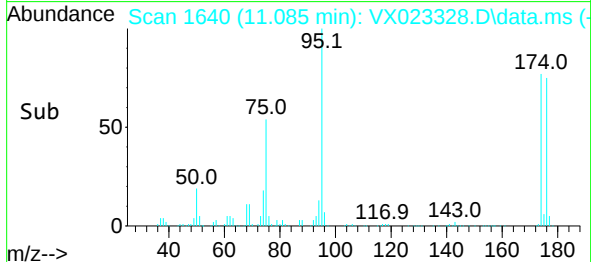
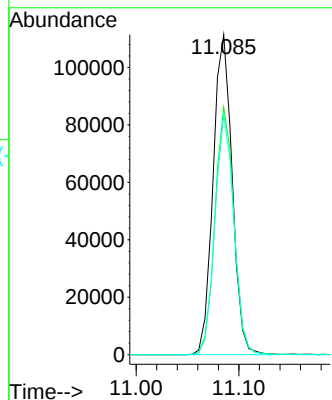
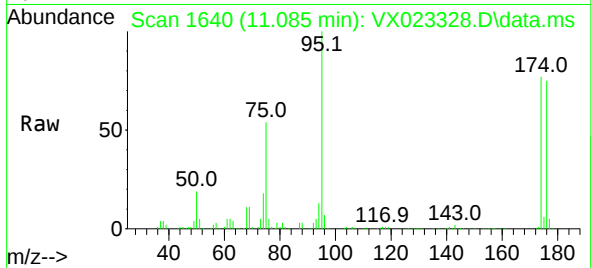




#62
4-Bromofluorobenzene
Concen: 44.836 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023328.D
Acq: 16 Jul 2021 15:32

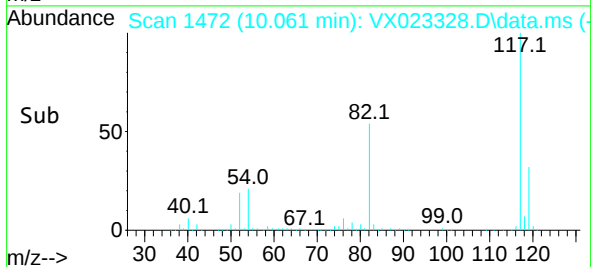
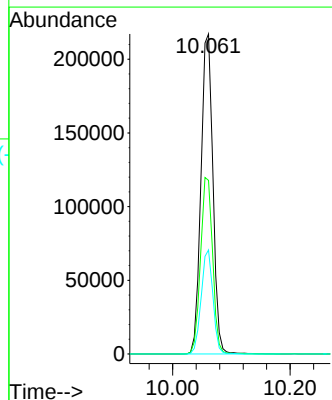
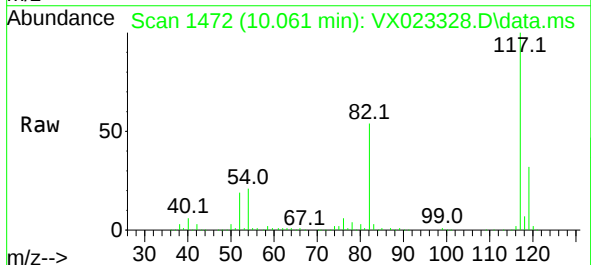
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

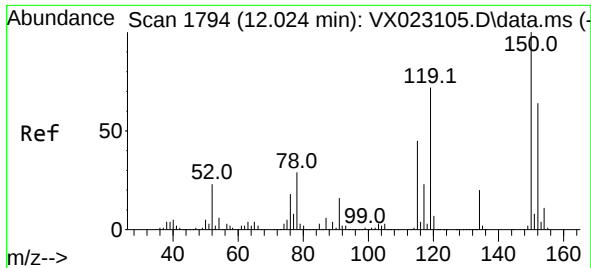
Tgt Ion: 95 Resp: 143818
Ion Ratio Lower Upper
95 100
174 76.7 0.0 154.6
176 74.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX023328.D
Acq: 16 Jul 2021 15:32

Tgt Ion: 117 Resp: 307231
Ion Ratio Lower Upper
117 100
82 54.2 47.4 71.2
119 32.5 26.6 39.8

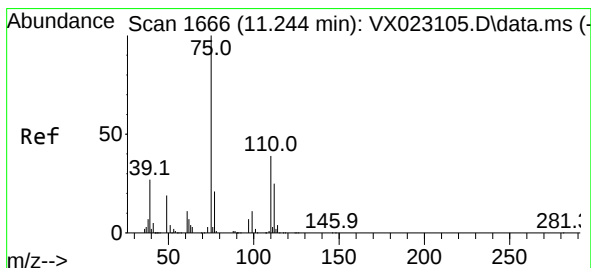
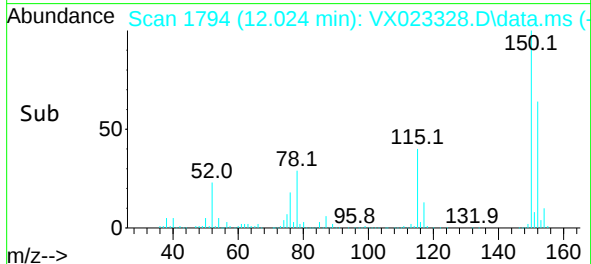
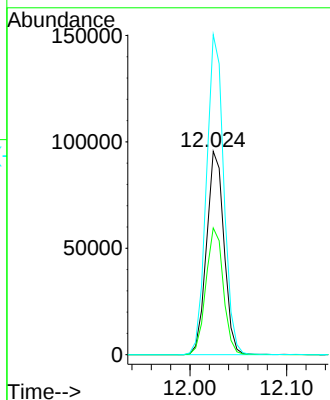
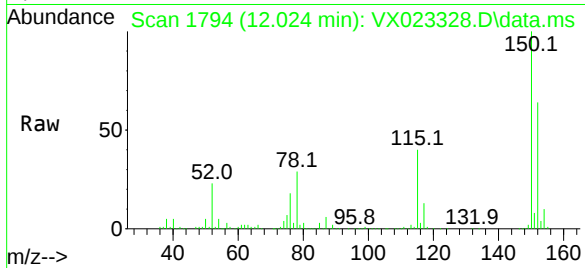




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023328.D
Acq: 16 Jul 2021 15:32

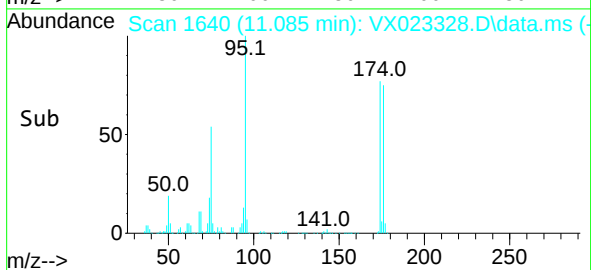
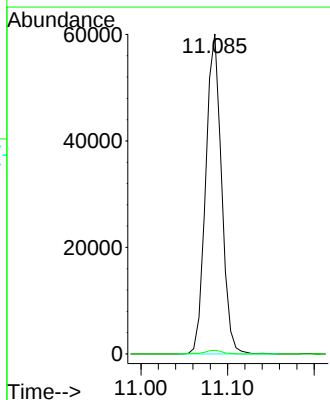
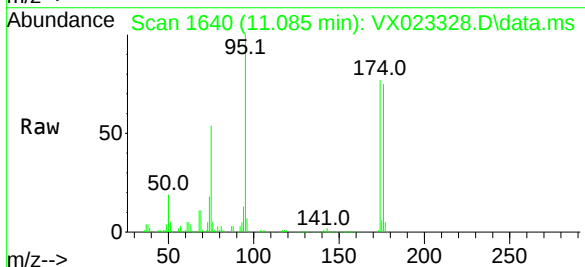
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

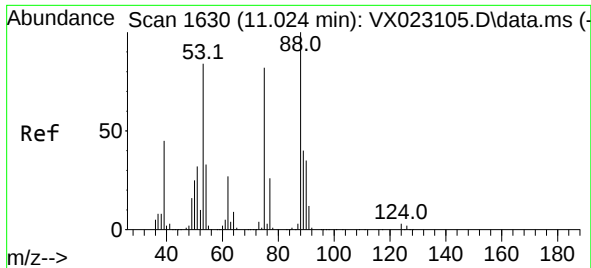
Tgt Ion:152 Resp: 120004
Ion Ratio Lower Upper
152 100
115 62.2 41.1 123.3
150 156.1 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 31.452 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023328.D
Acq: 16 Jul 2021 15:32

Tgt Ion: 75 Resp: 75954
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#

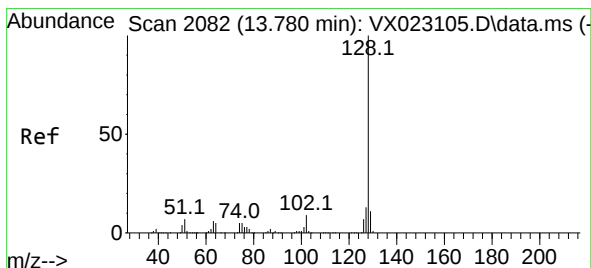
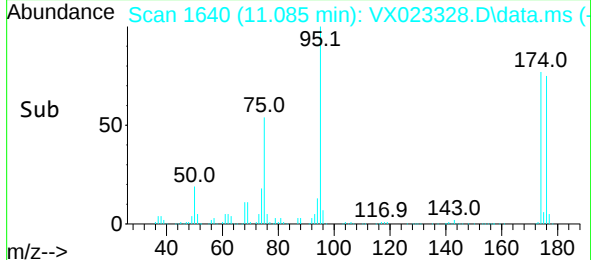
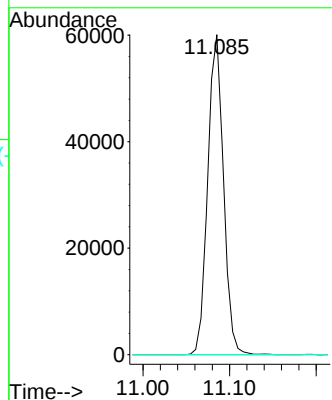
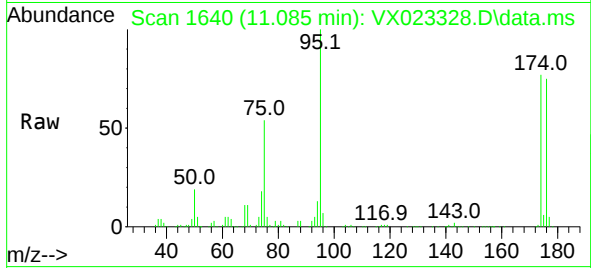




#81
trans-1,4-Dichloro-2-butene
Concen: 84.219 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023328.D
Acq: 16 Jul 2021 15:32

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

Tgt Ion: 75 Resp: 75954
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.279 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX023328.D
Acq: 16 Jul 2021 15:32

Tgt Ion:128 Resp: 33
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

