

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090922\
 Data File : VX031264.D
 Acq On : 09 Sep 2022 18:05
 Operator : JC/MD
 Sample : N4497-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Sep 12 01:00:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 07 23:22:41 2022
 Response via : Initial Calibration

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

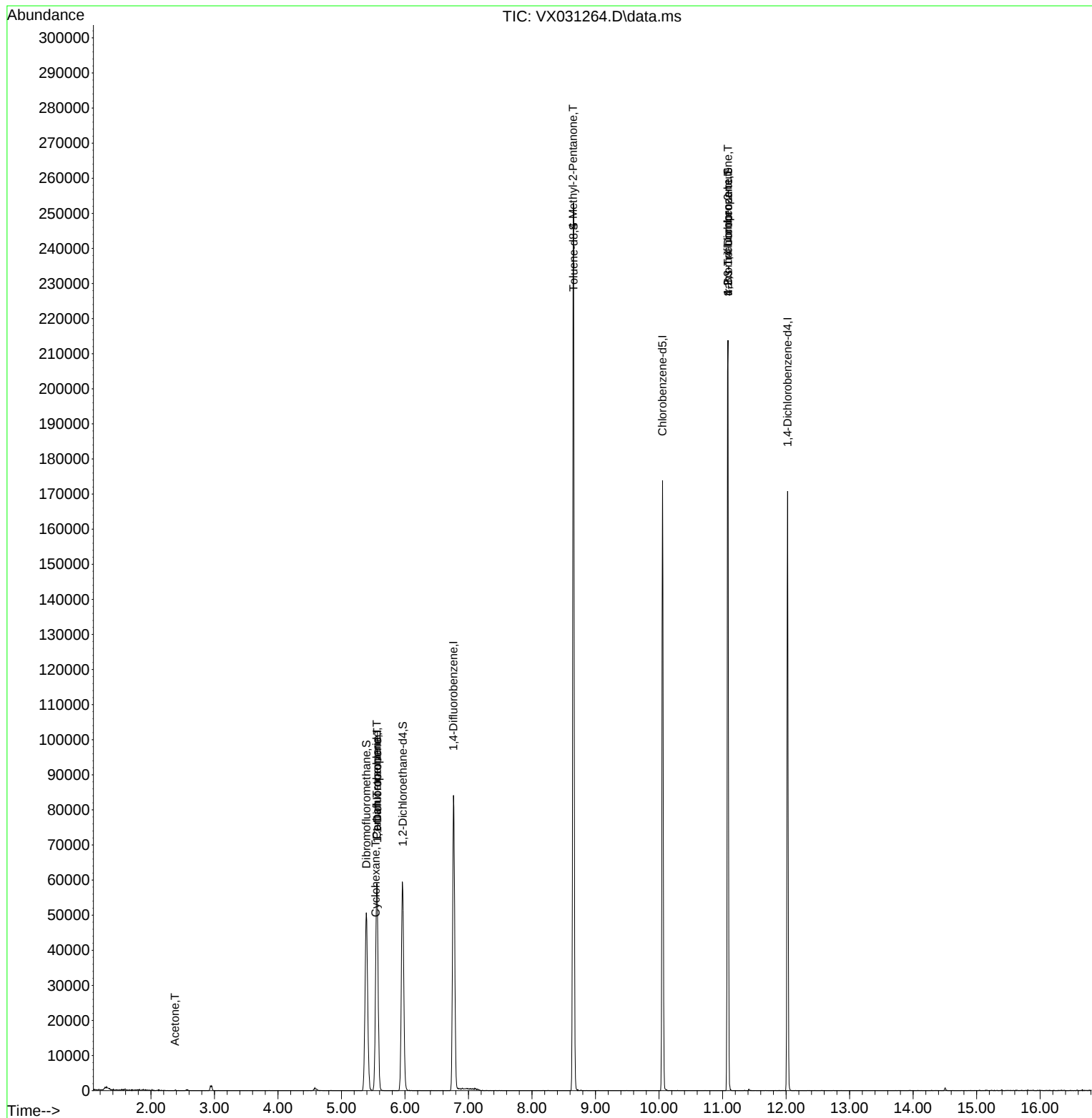
Internal Standards						
1) Pentafluorobenzene	5.556	168	44431	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	79350	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	71599	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	30314	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	70143	66.681	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 133.360%#	
35) Dibromofluoromethane	5.391	113	41849	48.397	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.800%	
50) Toluene-d8	8.653	98	143223	45.589	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 91.180%	
62) 4-Bromofluorobenzene	11.085	95	55243	47.983	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.960%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	1001	Below Cal	#	74
16) Acetone	2.380	43	181	0.497	ug/l #	40
31) Cyclohexane	5.538	56	855	0.727	ug/l #	47
36) 1,1-Dichloropropene	5.562	75	4762	3.677	ug/l #	46
38) Carbon Tetrachloride	5.556	117	6125	4.496	ug/l #	21
51) 4-Methyl-2-Pentanone	8.647	43	729	0.657	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	35575	43.000	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.085	75	35575	138.672	ug/l #	12

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

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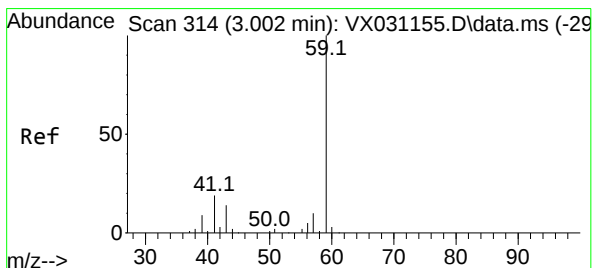
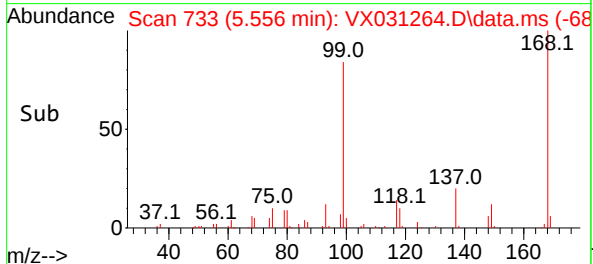
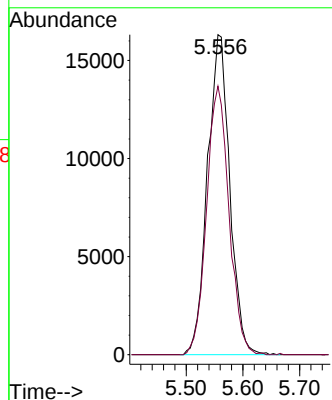
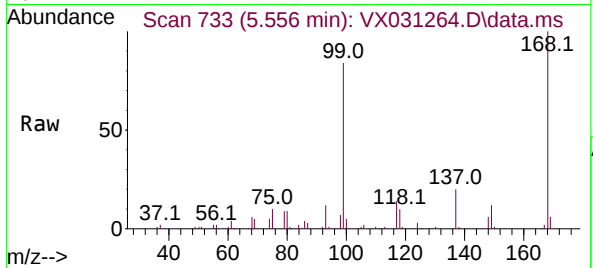




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031264.D
Acq: 09 Sep 2022 18:05

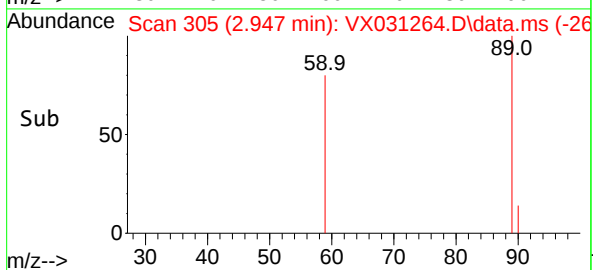
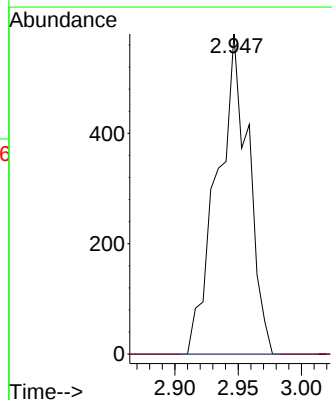
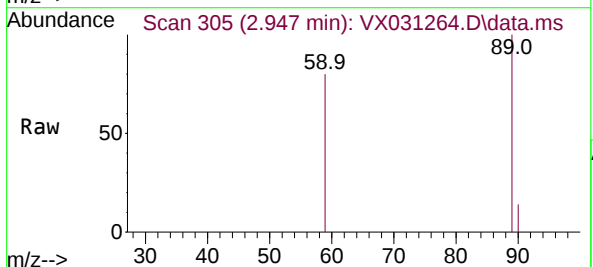
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

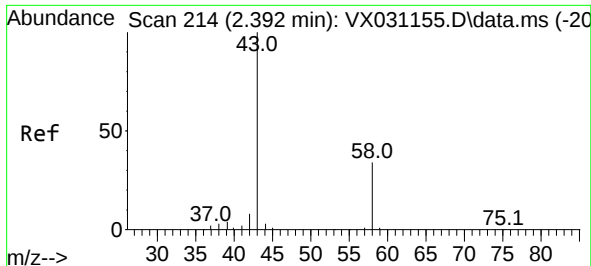
Tgt Ion:168 Resp: 44431
Ion Ratio Lower Upper
168 100
99 83.9 44.0 66.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.055 min
Lab File: VX031264.D
Acq: 09 Sep 2022 18:05

Tgt Ion: 59 Resp: 1001
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

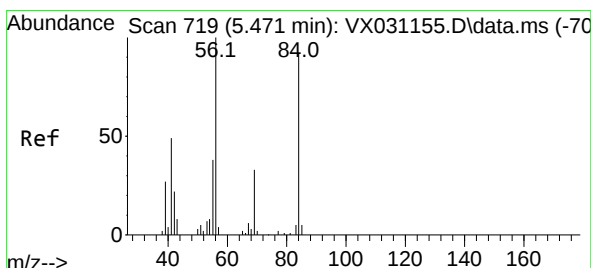
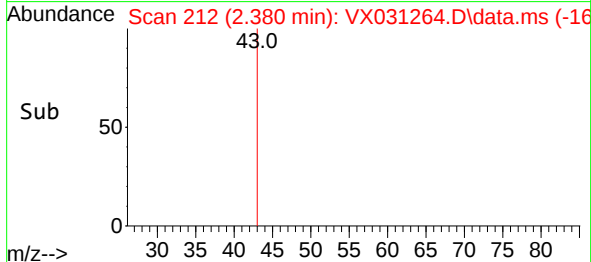
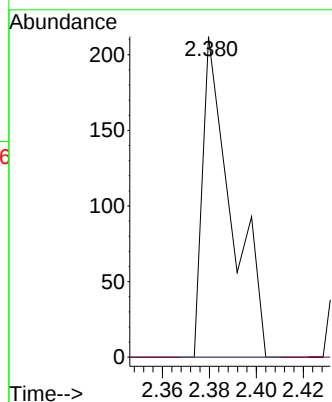
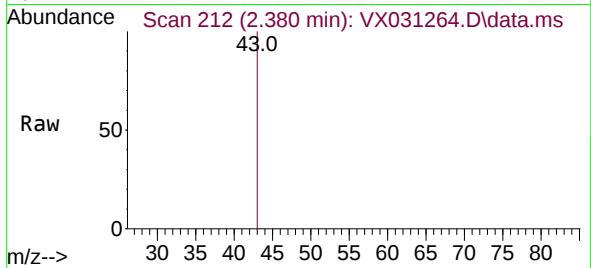




#16
Acetone
Concen: 0.497 ug/l
RT: 2.380 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX031264.D
Acq: 09 Sep 2022 18:05

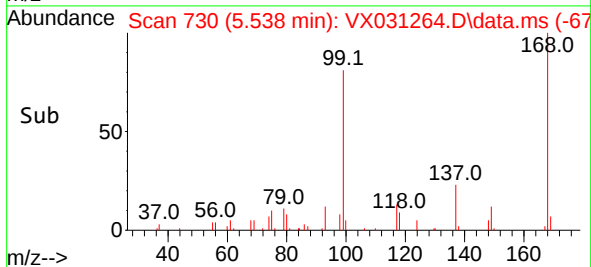
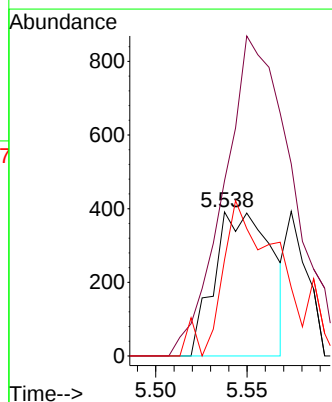
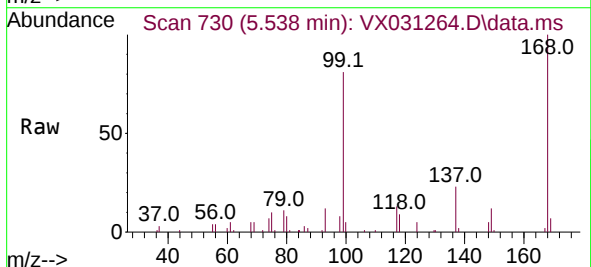
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

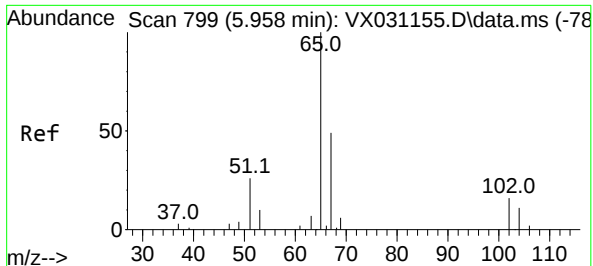
Tgt Ion: 43 Resp: 181
Ion Ratio Lower Upper
43 100
58 0.0 27.7 41.5#



#31
Cyclohexane
Concen: 0.727 ug/l
RT: 5.538 min Scan# 730
Delta R.T. 0.067 min
Lab File: VX031264.D
Acq: 09 Sep 2022 18:05

Tgt Ion: 56 Resp: 855
Ion Ratio Lower Upper
56 100
69 108.7 25.4 38.0#
84 66.8 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 66.681 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX031264.D

Acq: 09 Sep 2022 18:05

Instrument :

MSVOA_X

ClientSampleId :

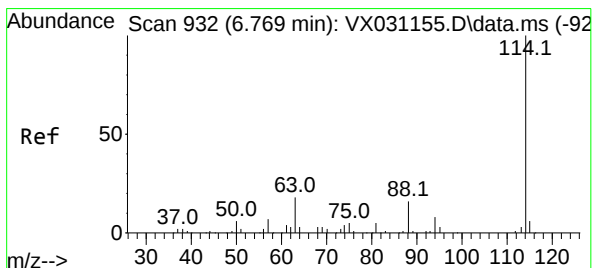
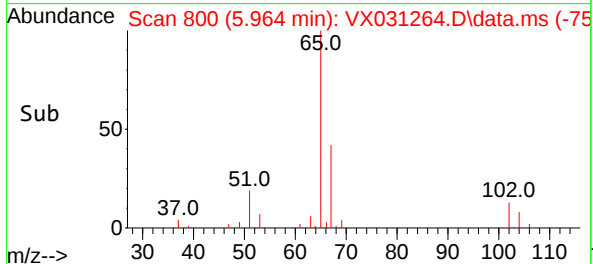
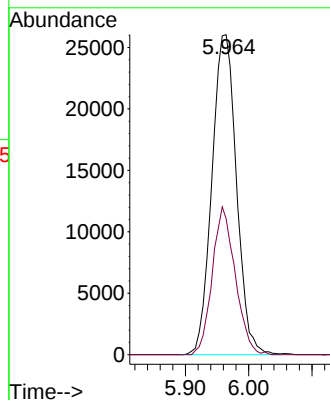
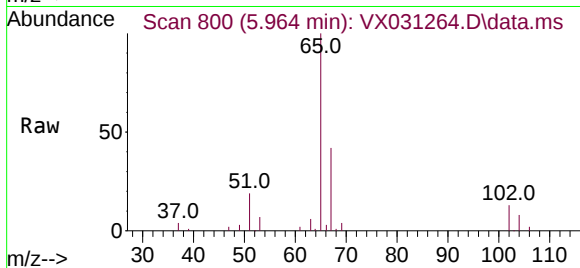
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 65 Resp: 70143

Ion Ratio Lower Upper

65 100

67 43.2 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX031264.D

Acq: 09 Sep 2022 18:05

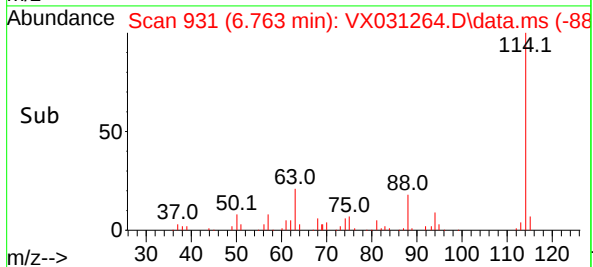
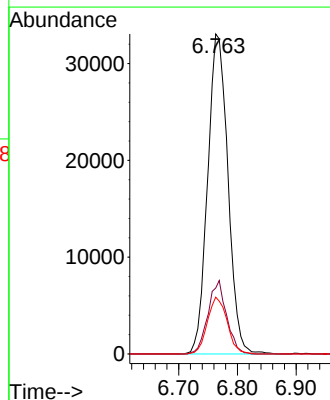
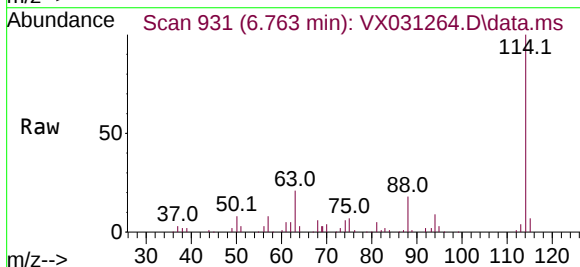
Tgt Ion: 114 Resp: 79350

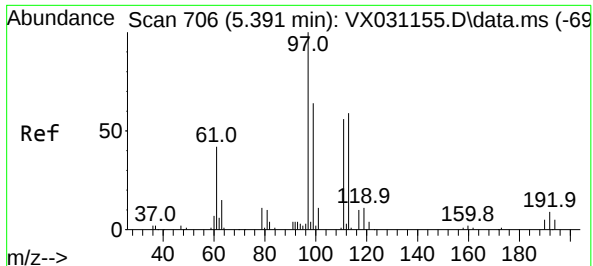
Ion Ratio Lower Upper

114 100

63 20.6 0.0 38.4

88 17.8 0.0 31.8

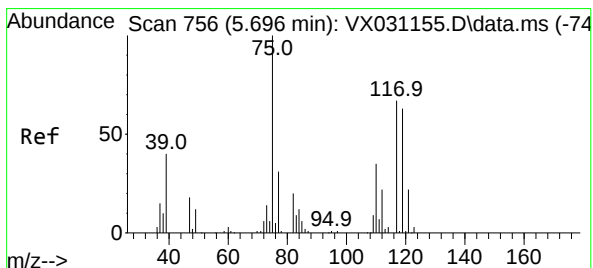
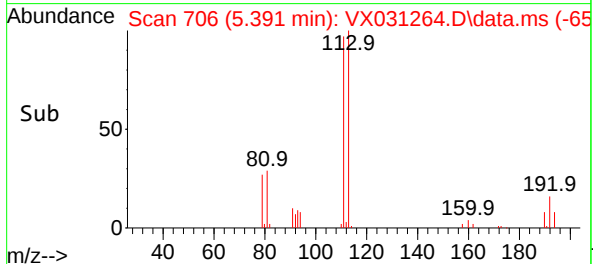
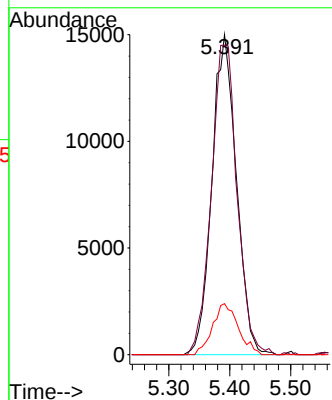
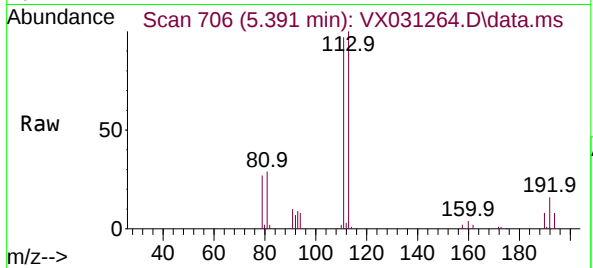




#35
Dibromofluoromethane
Concen: 48.397 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX031264.D
Acq: 09 Sep 2022 18:05

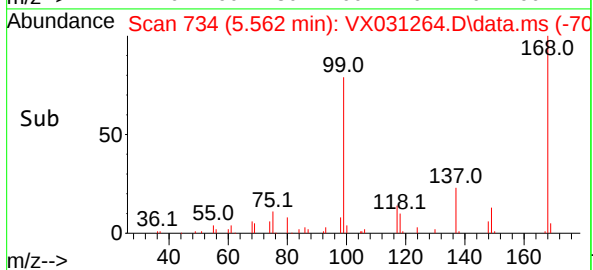
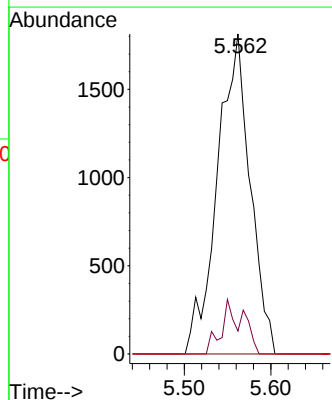
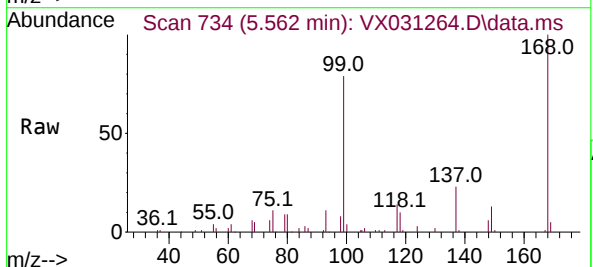
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

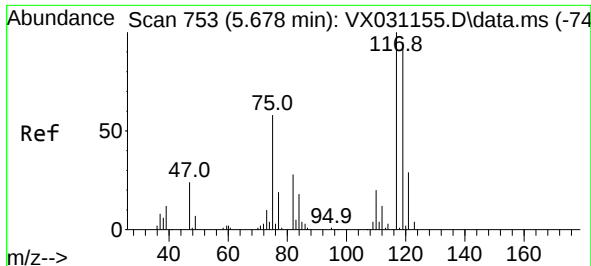
Tgt Ion:113 Resp: 41849
Ion Ratio Lower Upper
113 100
111 102.3 83.2 124.8
192 16.7 14.8 22.2



#36
1,1-Dichloropropene
Concen: 3.677 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX031264.D
Acq: 09 Sep 2022 18:05

Tgt Ion: 75 Resp: 4762
Ion Ratio Lower Upper
75 100
110 7.2 19.3 57.9#
77 0.0 24.4 36.6#

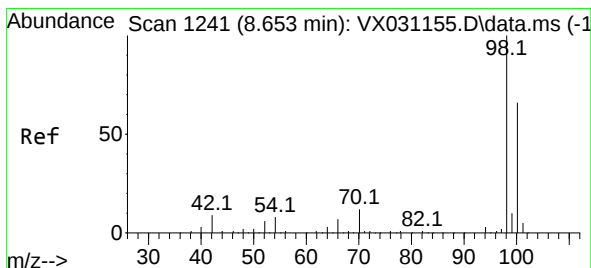
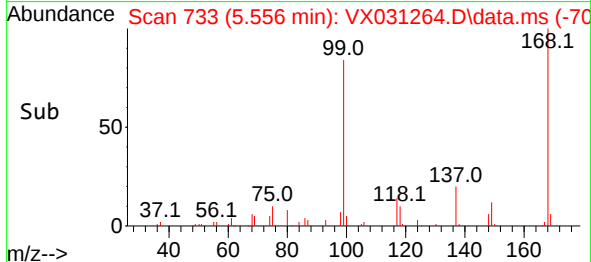
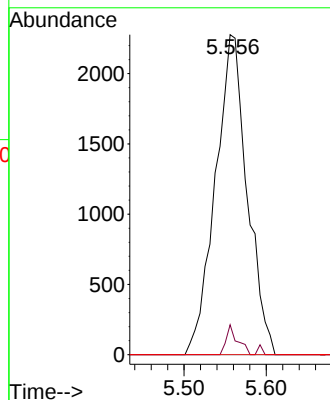
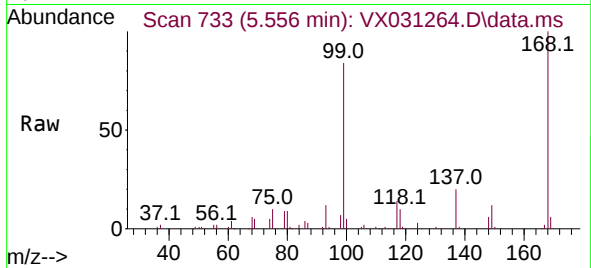




#38
Carbon Tetrachloride
Concen: 4.496 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX031264.D
Acq: 09 Sep 2022 18:05

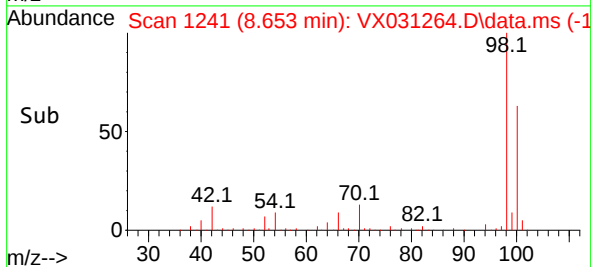
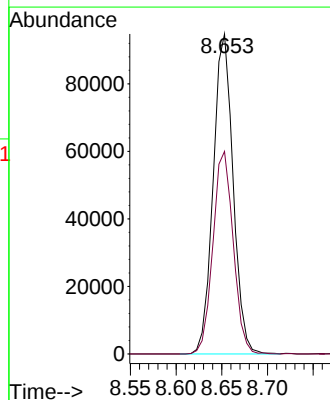
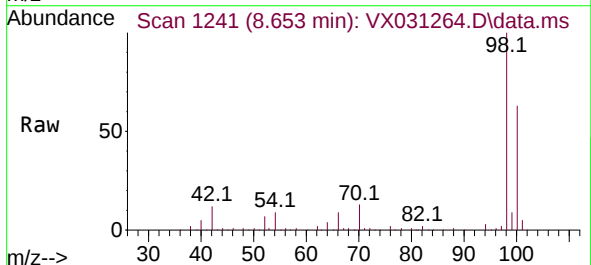
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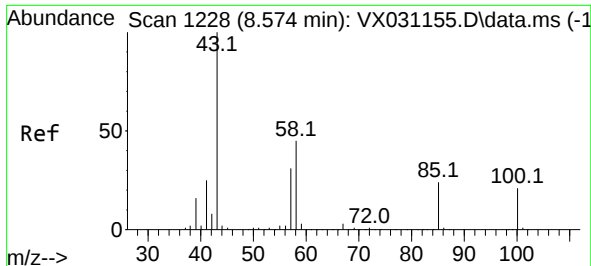
Tgt Ion:117 Resp: 6125
Ion Ratio Lower Upper
117 100
119 9.4 74.1 111.1#
121 0.0 25.8 38.8#



#50
Toluene-d8
Concen: 45.589 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031264.D
Acq: 09 Sep 2022 18:05

Tgt Ion: 98 Resp: 143223
Ion Ratio Lower Upper
98 100
100 64.6 52.3 78.5

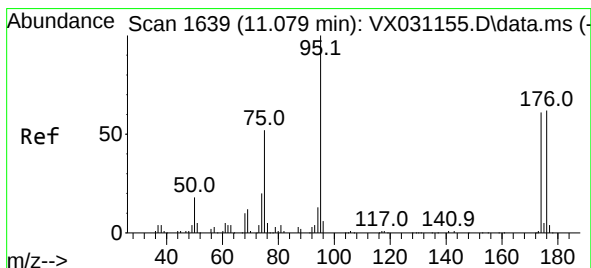
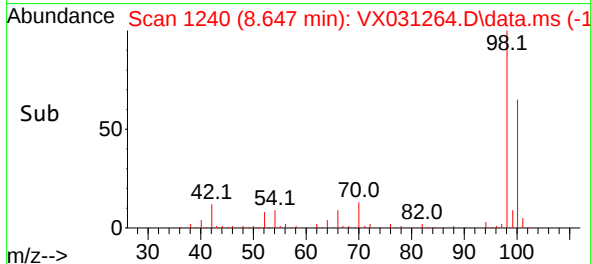
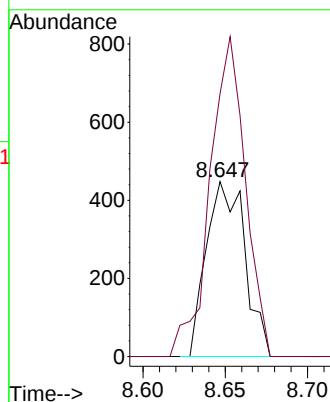
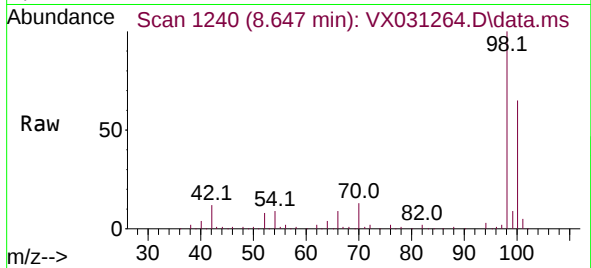




#51
4-Methyl-2-Pentanone
Concen: 0.657 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX031264.D
Acq: 09 Sep 2022 18:05

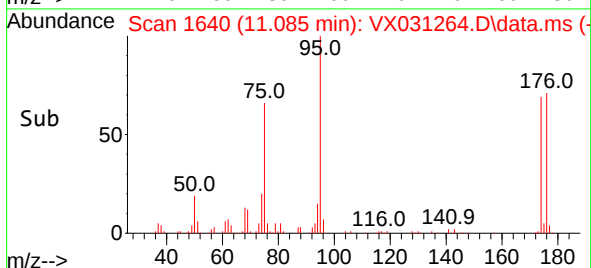
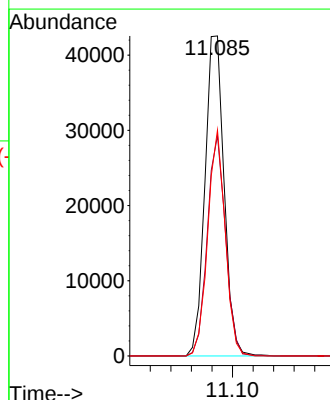
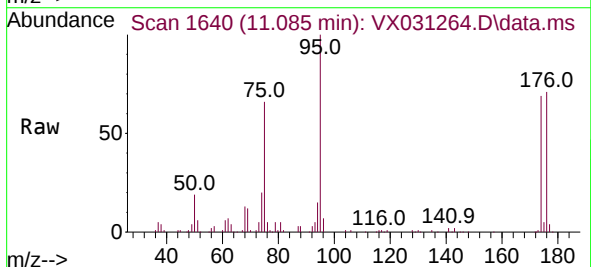
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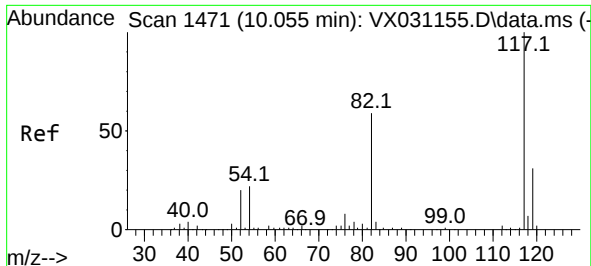
Tgt Ion: 43 Resp: 729
Ion Ratio Lower Upper
43 100
58 168.2 31.4 47.2#



#62
4-Bromofluorobenzene
Concen: 47.983 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX031264.D
Acq: 09 Sep 2022 18:05

Tgt Ion: 95 Resp: 55243
Ion Ratio Lower Upper
95 100
174 65.6 0.0 149.0
176 64.3 0.0 146.0

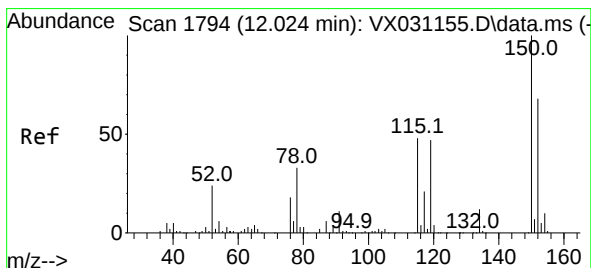
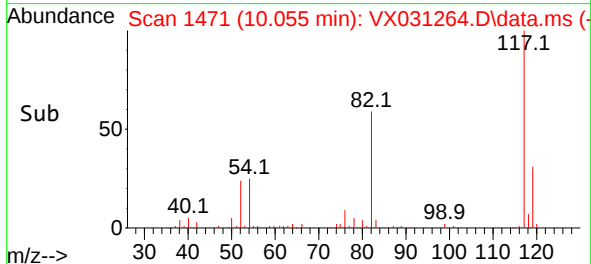
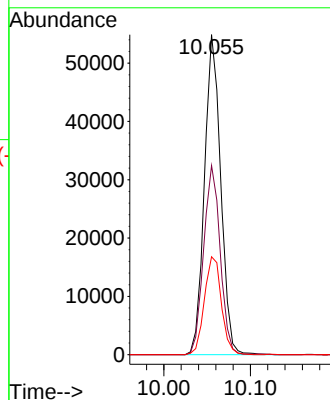
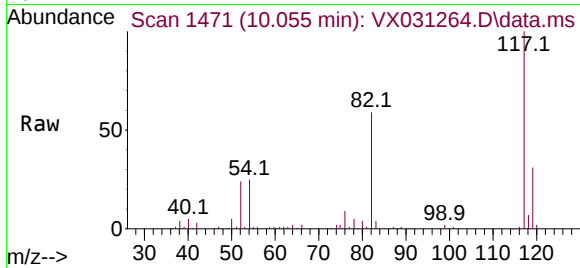




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031264.D
Acq: 09 Sep 2022 18:05

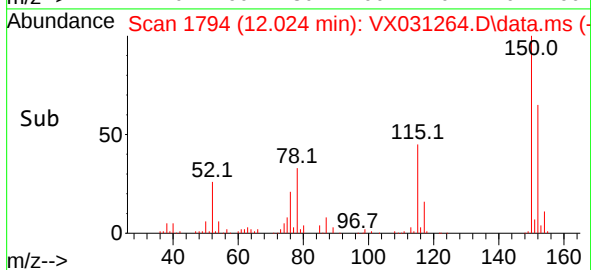
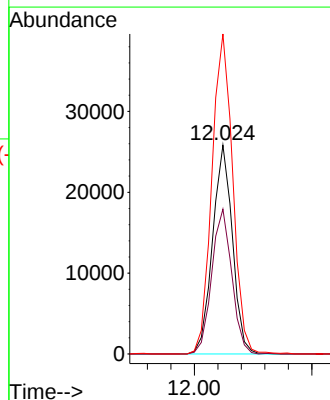
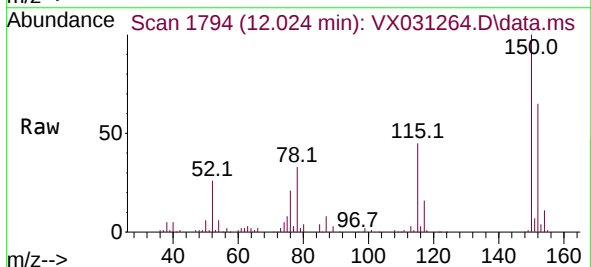
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

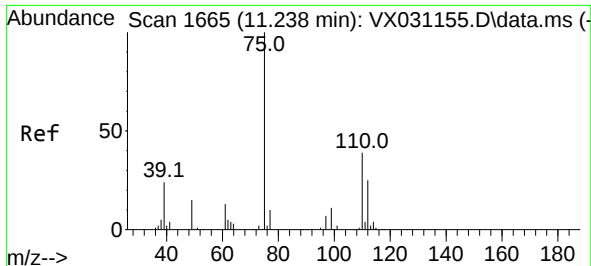
Tgt Ion:	117	Resp:	71599
Ion	Ratio	Lower	Upper
117	100		
82	59.1	42.7	64.1
119	30.6	25.4	38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX031264.D
Acq: 09 Sep 2022 18:05

Tgt Ion:	152	Resp:	30314
Ion	Ratio	Lower	Upper
152	100		
115	70.0	40.5	121.5
150	160.6	0.0	347.0

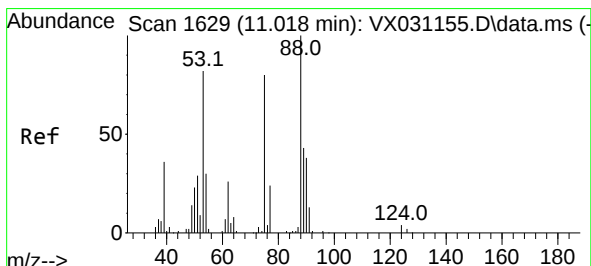
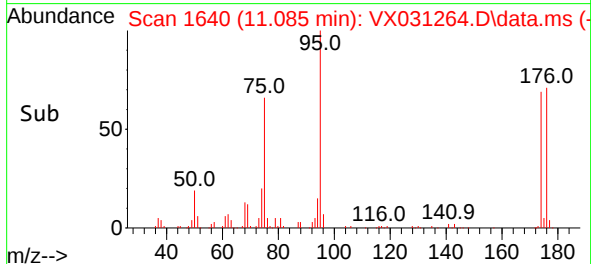
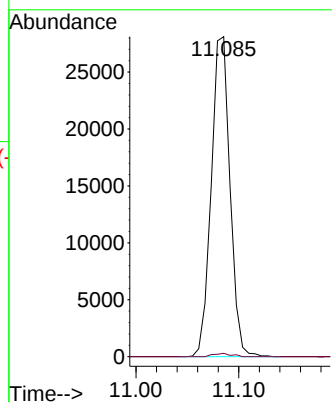
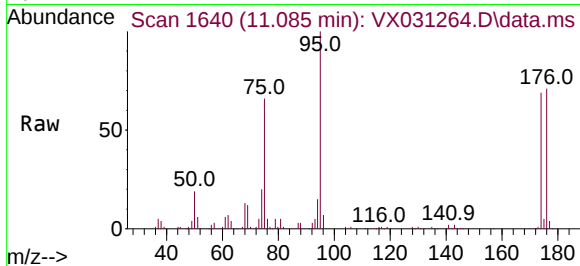




#76
1,2,3-Trichloropropane
Concen: 43.000 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.152 min
Lab File: VX031264.D
Acq: 09 Sep 2022 18:05

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

Tgt Ion: 75 Resp: 35575
Ion Ratio Lower Upper
75 100
77 1.0 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 138.672 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX031264.D
Acq: 09 Sep 2022 18:05

Tgt Ion: 75 Resp: 35575
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#

