

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092221\
 Data File : VX024431.D
 Acq On : 22 Sep 2021 13:50
 Operator : JC/MD
 Sample : M3835-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Quant Time: Sep 22 14:25:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 21 10:52:48 2021
 Response via : Initial Calibration

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

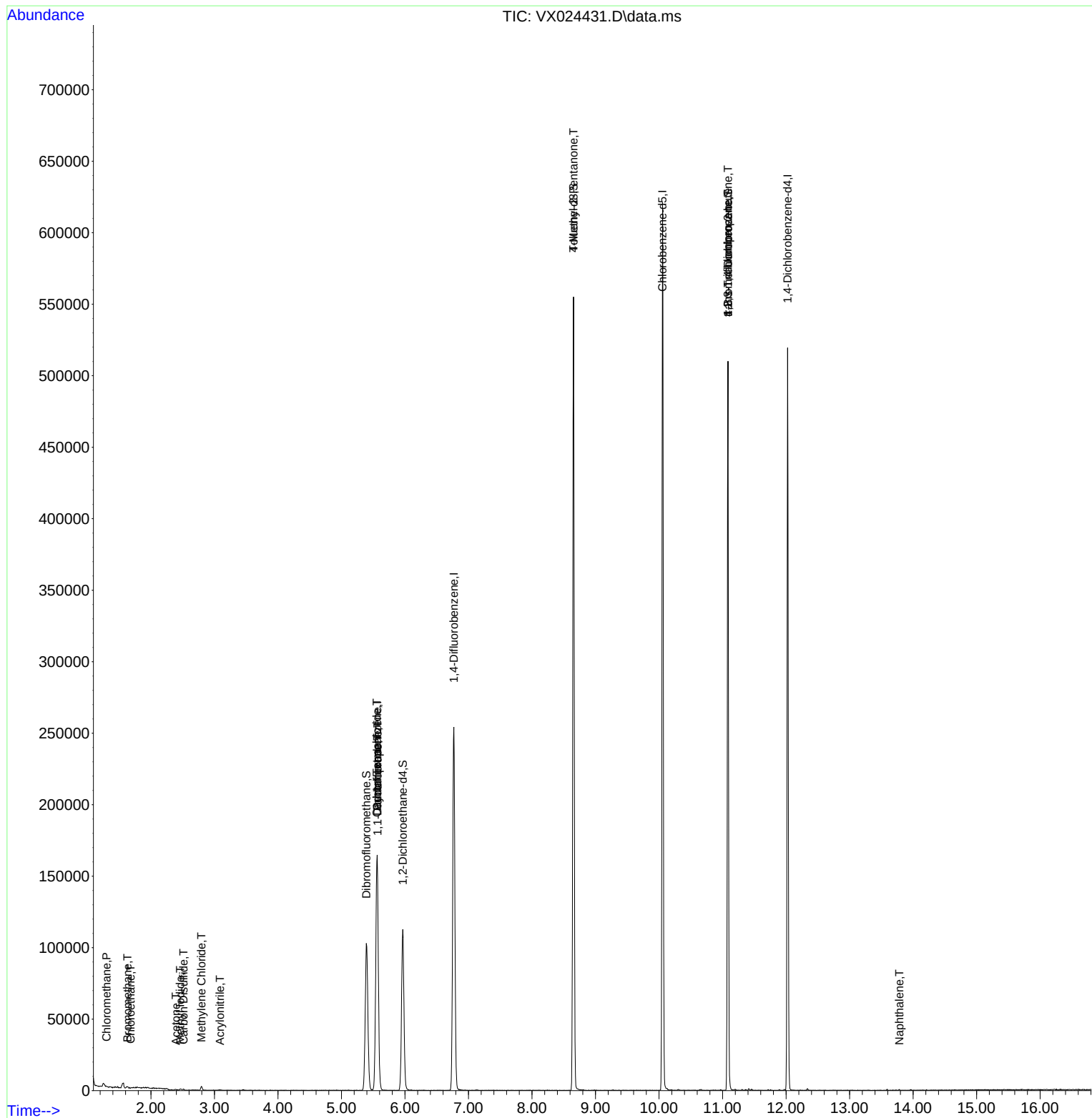
Internal Standards						
1) Pentafluorobenzene	5.562	168	150449	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	254141	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	277213	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104348	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	113598	52.951	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.900%			
35) Dibromofluoromethane	5.391	113	88044	51.658	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.320%			
50) Toluene-d8	8.653	98	309901	49.912	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.820%			
62) 4-Bromofluorobenzene	11.085	95	129708	53.680	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.360%			
Target Compounds					Qvalue	
3) Chloromethane	1.301	50	340	0.225	ug/l #	79
5) Bromomethane	1.630	94	474	0.530	ug/l	84
6) Chloroethane	1.679	64	517	0.521	ug/l #	43
10) Methyl Iodide	2.459	142	982	0.479	ug/l #	75
15) Acrylonitrile	3.087	53	201	0.229	ug/l #	68
16) Acetone	2.392	43	630	0.689	ug/l #	77
17) Carbon Disulfide	2.514	76	857	0.247	ug/l #	92
20) Methylene Chloride	2.794	84	1124	0.640	ug/l #	89
31) Cyclohexane	5.562	56	3239	1.291	ug/l #	11
36) 1,1-Dichloropropene	5.568	75	11916	5.100	ug/l #	50
38) Carbon Tetrachloride	5.556	117	15816	6.014	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	1550	0.561	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	66435	27.688	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	66435	81.432	ug/l #	12
95) Naphthalene	13.786	128	521	1.355	ug/l #	82

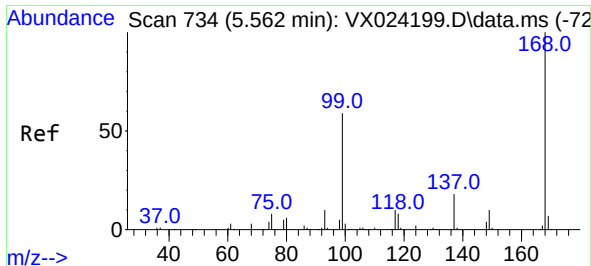
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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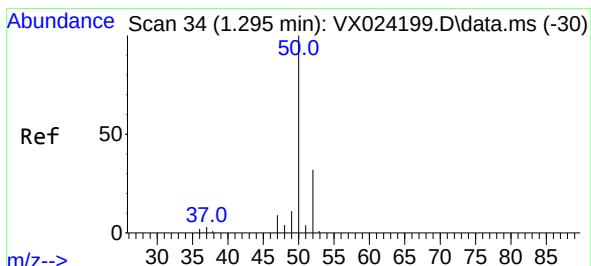
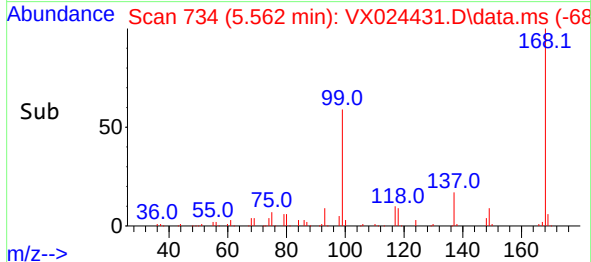
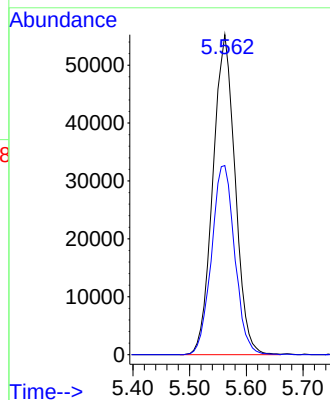
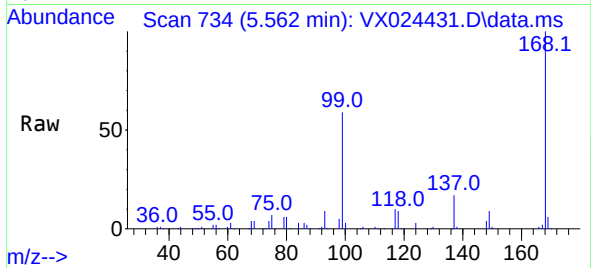




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX024431.D
Acq: 22 Sep 2021 13:50

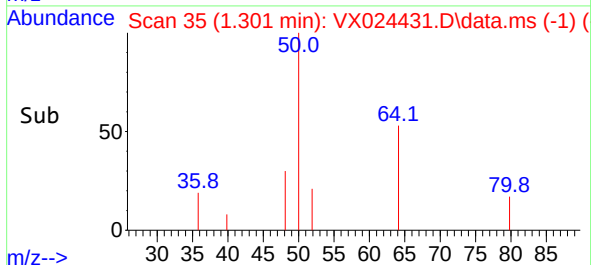
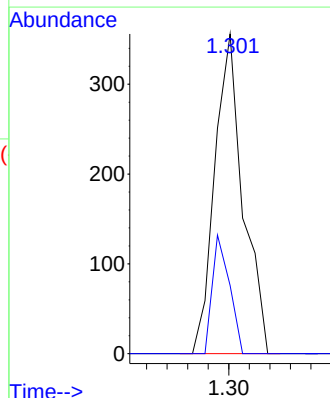
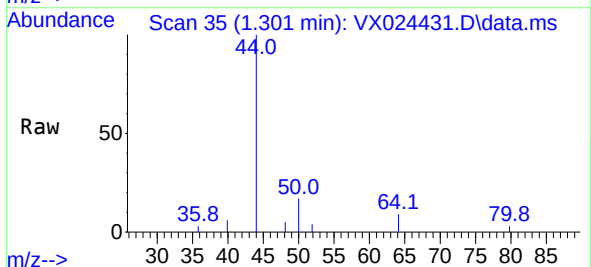
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

Tgt Ion:168 Resp: 150449
Ion Ratio Lower Upper
168 100
99 59.1 45.8 68.6

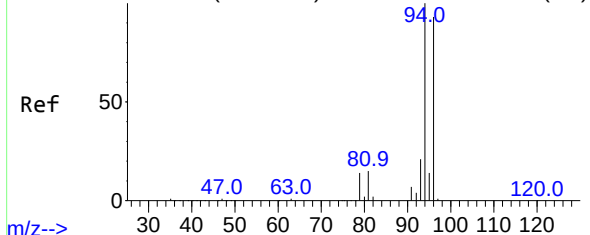


#3
Chloromethane
Concen: 0.225 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX024431.D
Acq: 22 Sep 2021 13:50

Tgt Ion: 50 Resp: 340
Ion Ratio Lower Upper
50 100
52 21.3 26.4 39.6#



Abundance Scan 84 (1.599 min): VX024199.D\data.ms (-78)

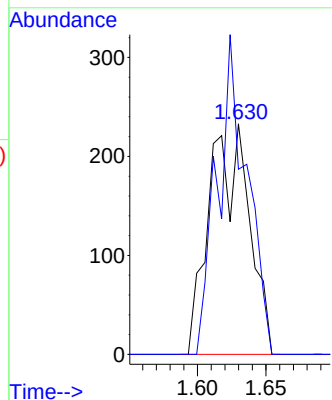
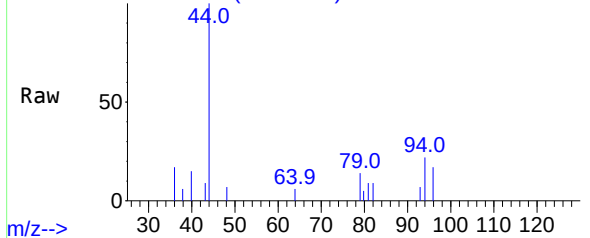


#5
Bromomethane
Concen: 0.530 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.031 min
Lab File: VX024431.D
Acq: 22 Sep 2021 13:50

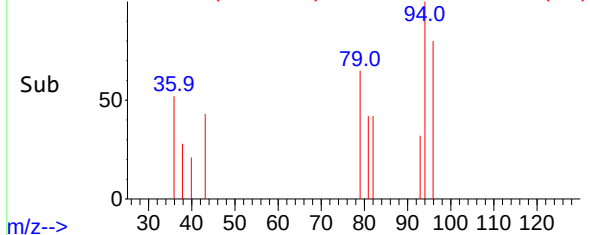
Tgt Ion: 94 Resp: 474
Ion Ratio Lower Upper
94 100
96 80.3 76.4 114.6

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

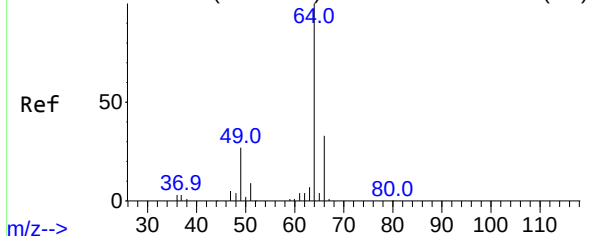
Abundance Scan 89 (1.630 min): VX024431.D\data.ms



Abundance Scan 89 (1.630 min): VX024431.D\data.ms (-35)



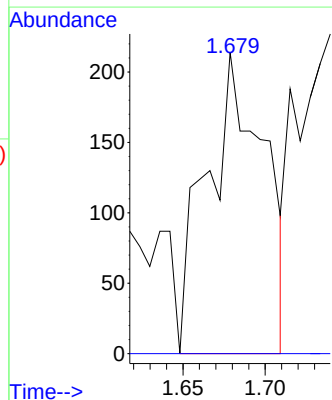
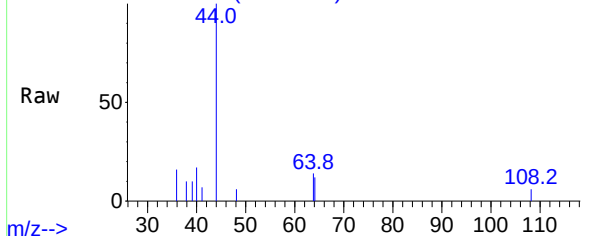
Abundance Scan 97 (1.679 min): VX024199.D\data.ms (-89)



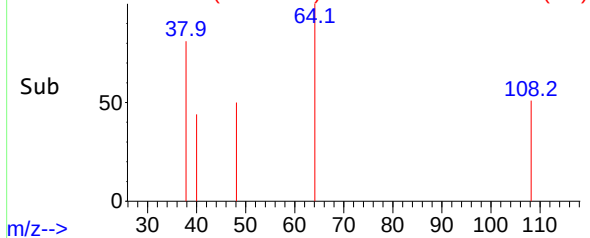
#6
Chloroethane
Concen: 0.521 ug/l
RT: 1.679 min Scan# 97
Delta R.T. -0.000 min
Lab File: VX024431.D
Acq: 22 Sep 2021 13:50

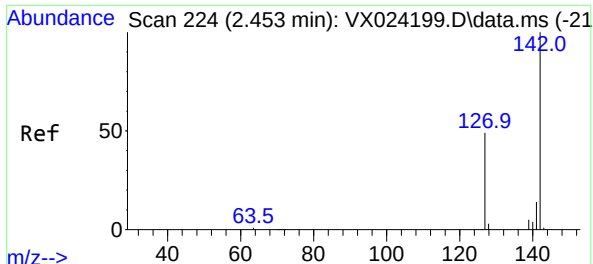
Tgt Ion: 64 Resp: 517
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#

Abundance Scan 97 (1.679 min): VX024431.D\data.ms



Abundance Scan 97 (1.679 min): VX024431.D\data.ms (-48)

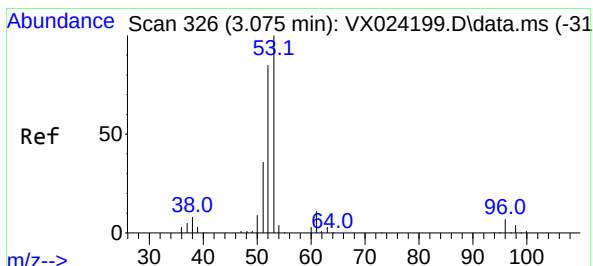
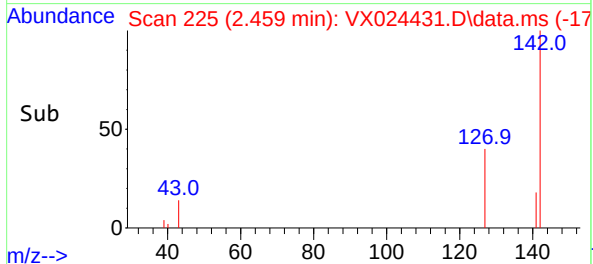
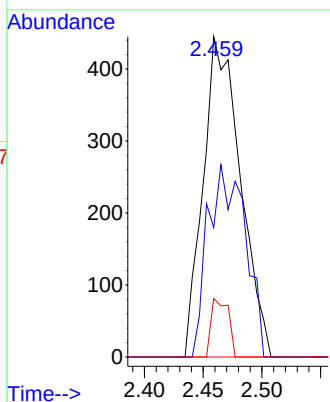
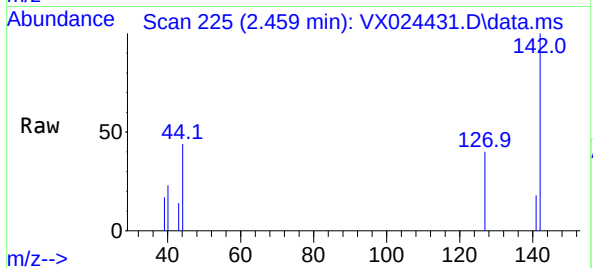




#10
Methyl Iodide
Concen: 0.479 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX024431.D
Acq: 22 Sep 2021 13:50

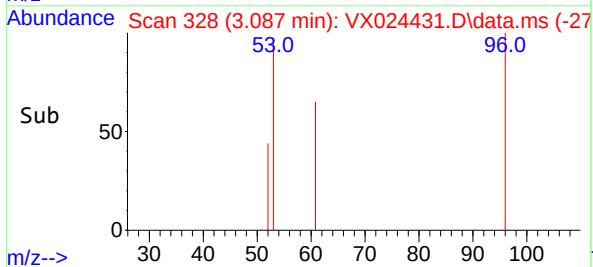
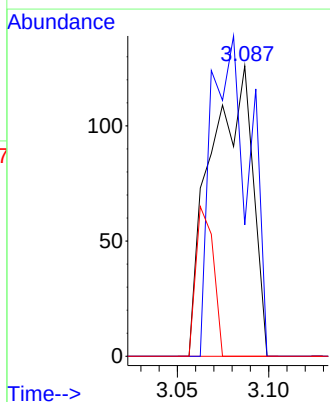
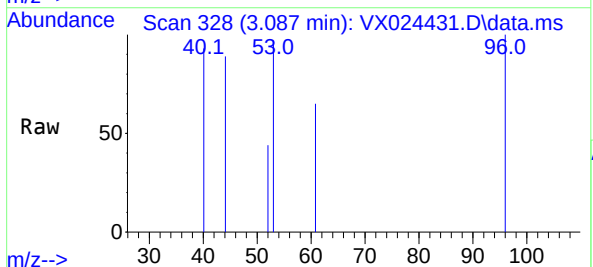
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

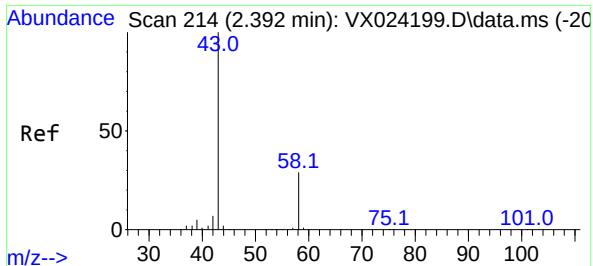
Tgt Ion:142 Resp: 982
Ion Ratio Lower Upper
142 100
127 60.0 33.3 49.9#
141 8.4 11.4 17.0#



#15
Acrylonitrile
Concen: 0.229 ug/l
RT: 3.087 min Scan# 328
Delta R.T. 0.012 min
Lab File: VX024431.D
Acq: 22 Sep 2021 13:50

Tgt Ion: 53 Resp: 201
Ion Ratio Lower Upper
53 100
52 99.5 65.3 97.9#
51 0.0 28.2 42.2#

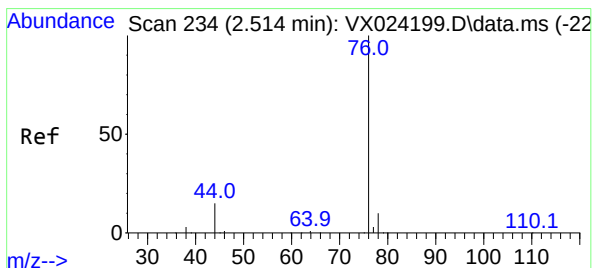
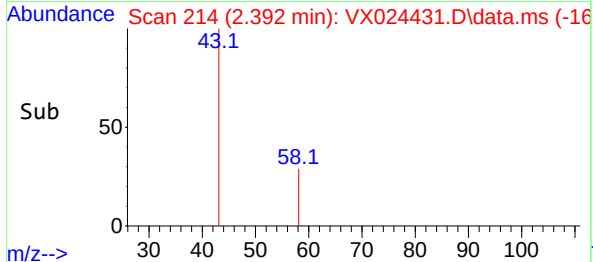
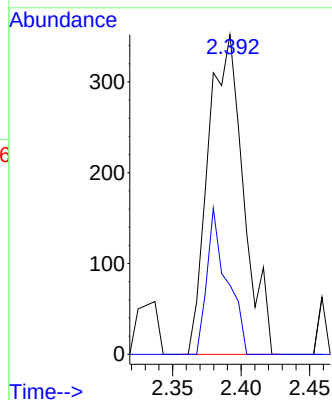
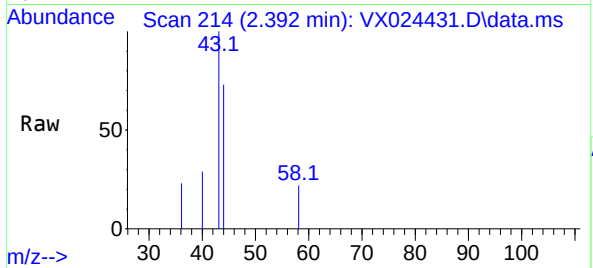




#16
Acetone
Concen: 0.689 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX024431.D
Acq: 22 Sep 2021 13:50

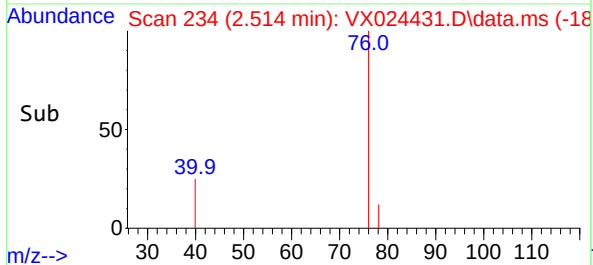
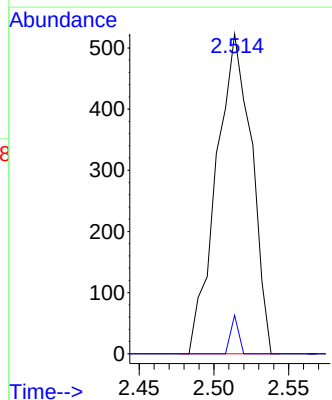
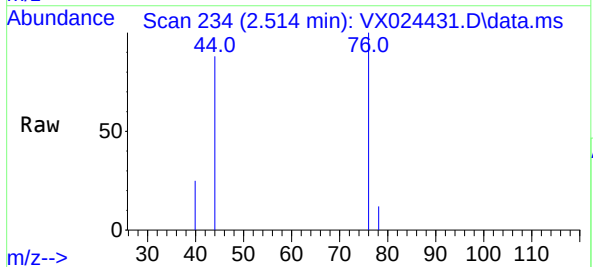
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

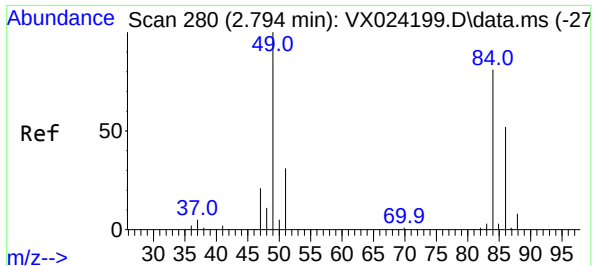
Tgt Ion: 43 Resp: 630
Ion Ratio Lower Upper
43 100
58 21.6 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.247 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024431.D
Acq: 22 Sep 2021 13:50

Tgt Ion: 76 Resp: 857
Ion Ratio Lower Upper
76 100
78 12.0 7.2 10.8#





#20

Methylene Chloride

Concen: 0.640 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX024431.D

Acq: 22 Sep 2021 13:50

Instrument :

MSVOA_X

ClientSampleId :

TRIP-BLANK

Tgt Ion: 84 Resp: 1124

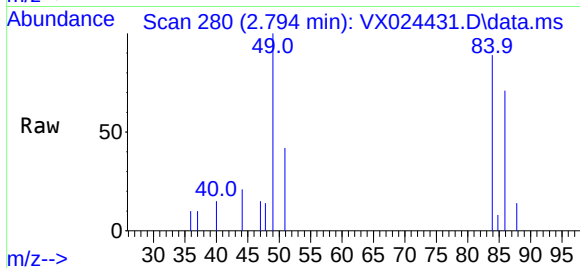
Ion Ratio Lower Upper

84 100

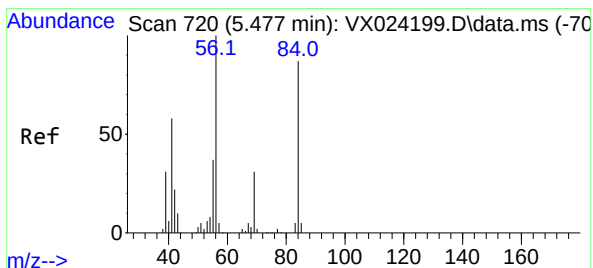
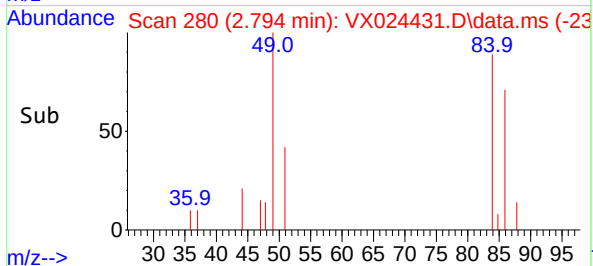
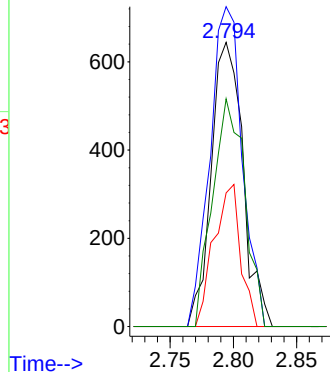
49 112.6 88.6 132.8

51 47.0 27.0 40.6#

86 80.1 50.3 75.5#



Abundance



#31

Cyclohexane

Concen: 1.291 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.085 min

Lab File: VX024431.D

Acq: 22 Sep 2021 13:50

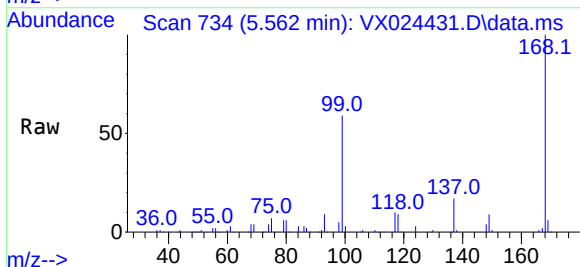
Tgt Ion: 56 Resp: 3239

Ion Ratio Lower Upper

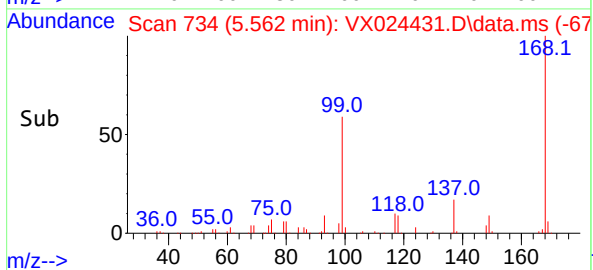
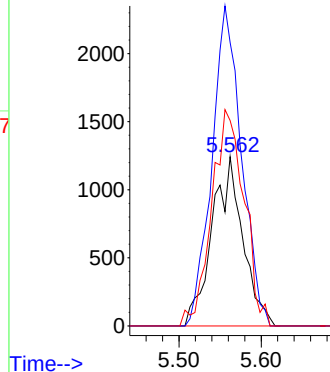
56 100

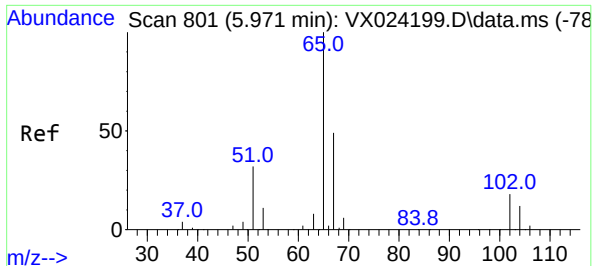
69 167.5 25.3 37.9#

84 121.3 71.4 107.0#



Abundance



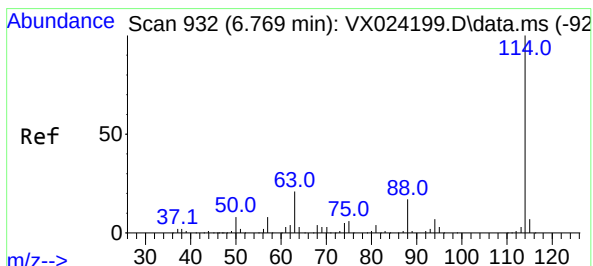
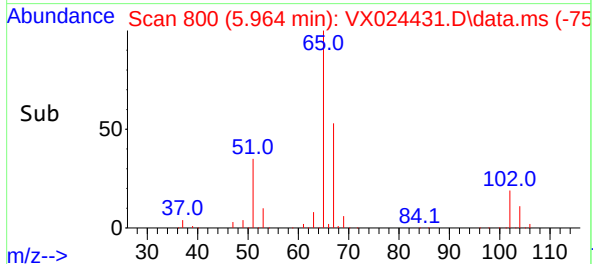
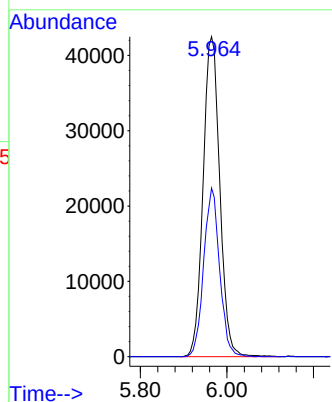
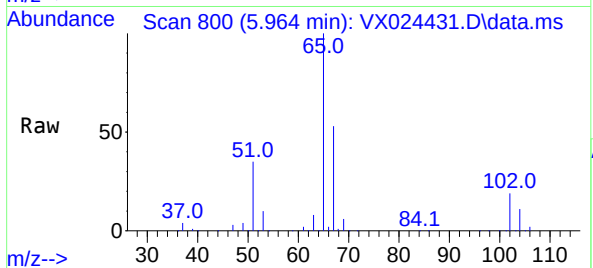


#33

1,2-Dichloroethane-d4
Concen: 52.951 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.007 min
Lab File: VX024431.D
Acq: 22 Sep 2021 13:50

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

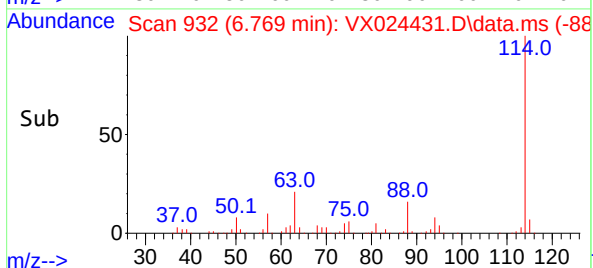
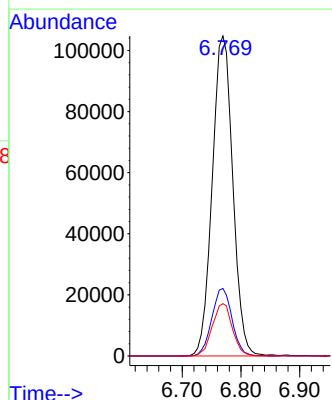
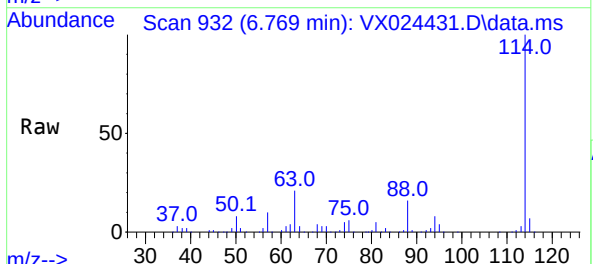
Tgt Ion: 65 Resp: 113598
Ion Ratio Lower Upper
65 100
67 50.2 0.0 105.4

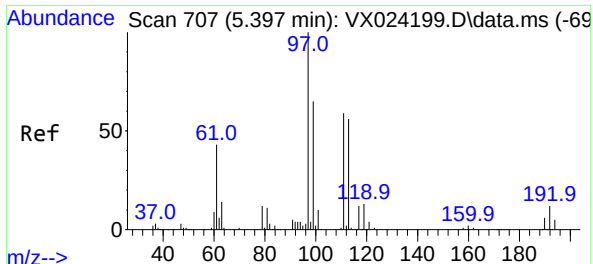


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024431.D
Acq: 22 Sep 2021 13:50

Tgt Ion: 114 Resp: 254141
Ion Ratio Lower Upper
114 100
63 21.1 0.0 40.8
88 16.4 0.0 32.8





#35

Dibromofluoromethane

Concen: 51.658 ug/l

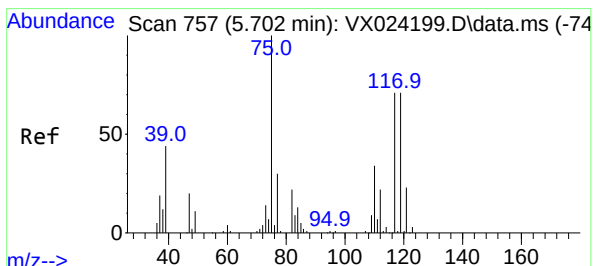
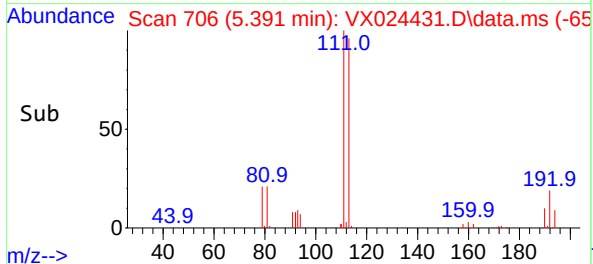
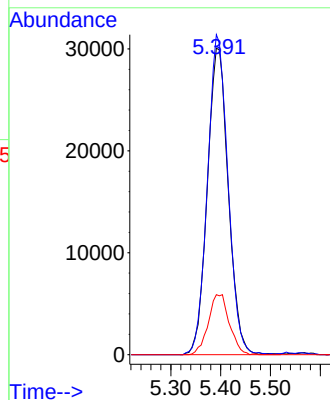
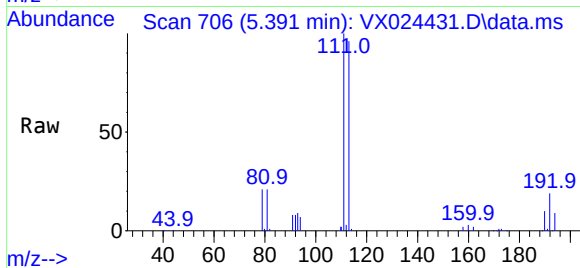
RT: 5.391 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX024431.D

Acq: 22 Sep 2021 13:50

Tgt Ion:	113	Resp:	88044
Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.9	122.9
192	19.7	16.7	25.1



#36

1,1-Dichloropropene

Concen: 5.100 ug/l

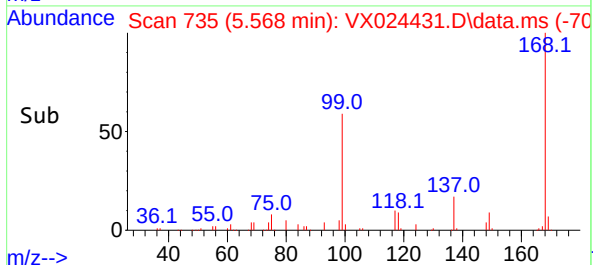
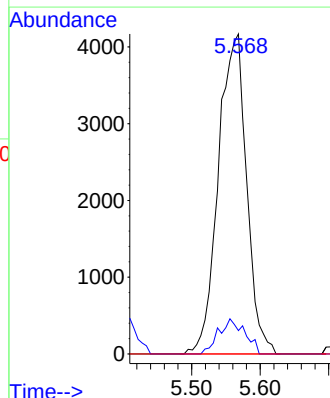
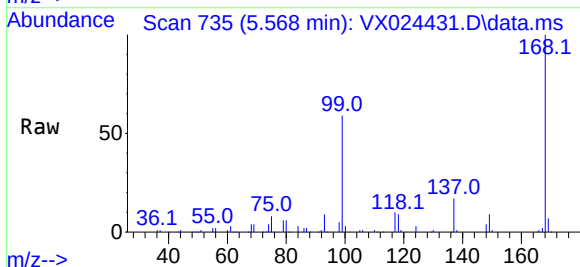
RT: 5.568 min Scan# 735

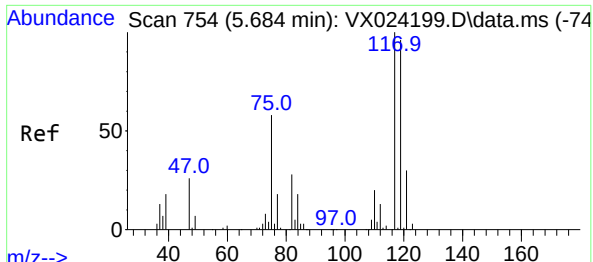
Delta R.T. -0.134 min

Lab File: VX024431.D

Acq: 22 Sep 2021 13:50

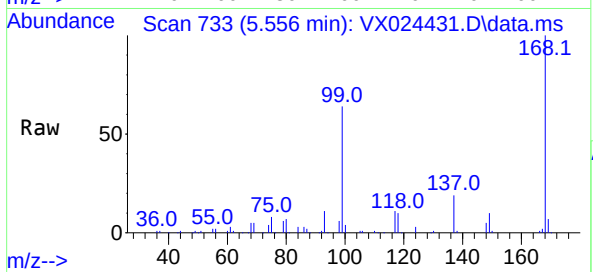
Tgt Ion:	75	Resp:	11916
Ion	Ratio	Lower	Upper
75	100		
110	10.2	18.1	54.4#
77	0.0	25.3	37.9#



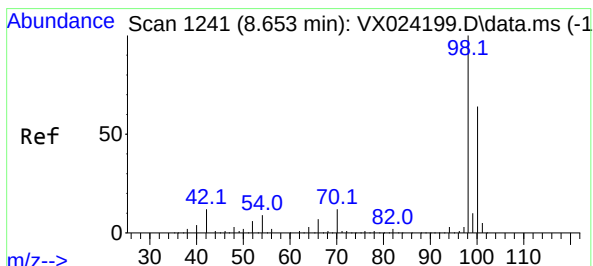
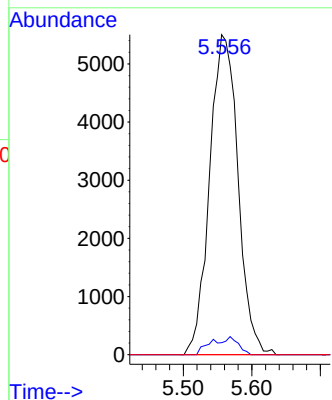
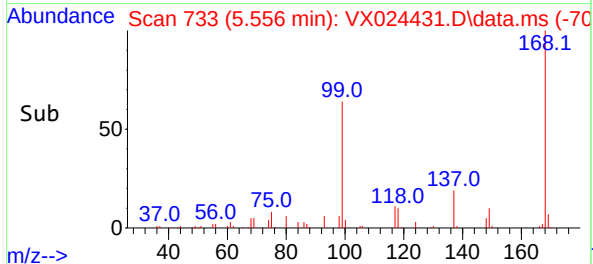


#38
Carbon Tetrachloride
Concen: 6.014 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX024431.D
Acq: 22 Sep 2021 13:50

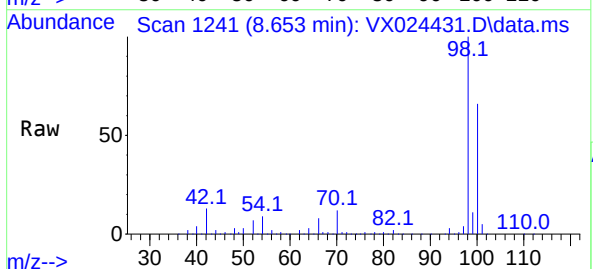
Instrument :
MSVOA_X
ClientSampleId :
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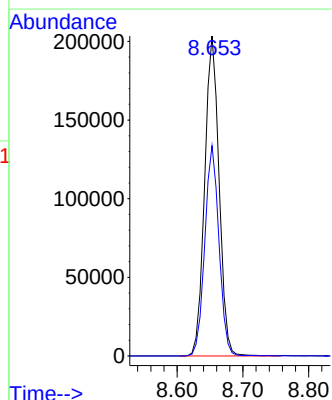
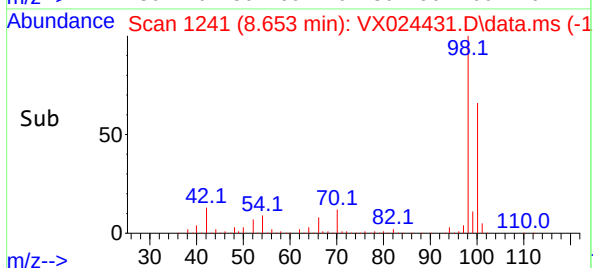
Tgt Ion:117 Resp: 15816
Ion Ratio Lower Upper
117 100
119 3.7 76.2 114.2#
121 0.0 24.8 37.2#

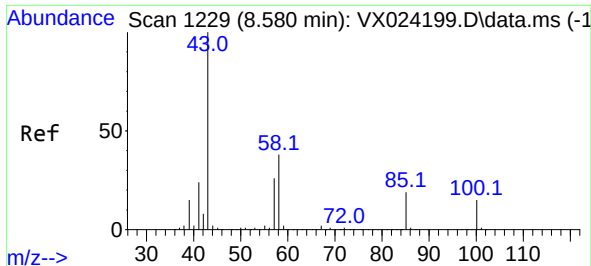


#50
Toluene-d8
Concen: 49.912 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024431.D
Acq: 22 Sep 2021 13:50



Tgt Ion: 98 Resp: 309901
Ion Ratio Lower Upper
98 100
100 64.7 51.9 77.9

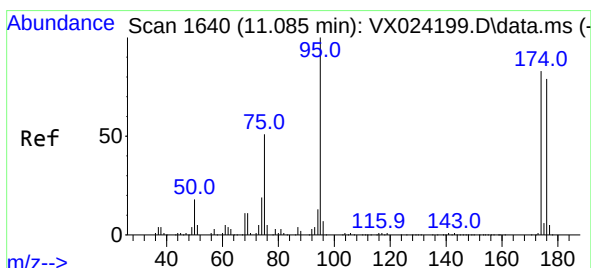
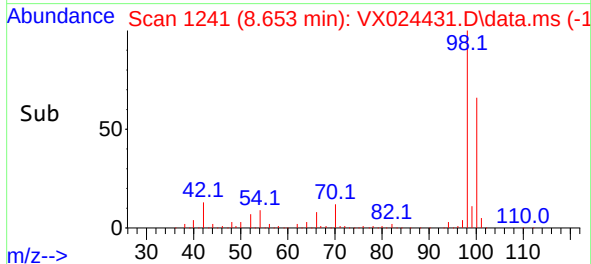
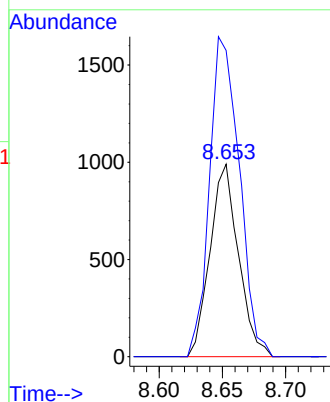
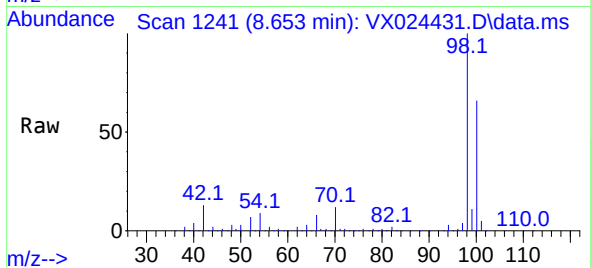




#51
4-Methyl-2-Pentanone
Concen: 0.561 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX024431.D
Acq: 22 Sep 2021 13:50

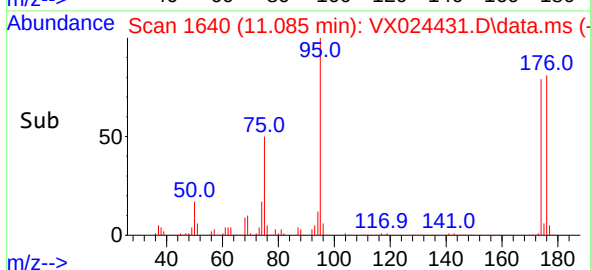
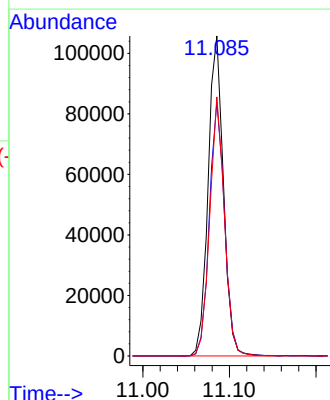
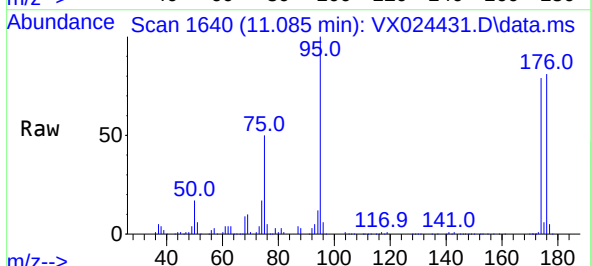
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ClientSampleId :
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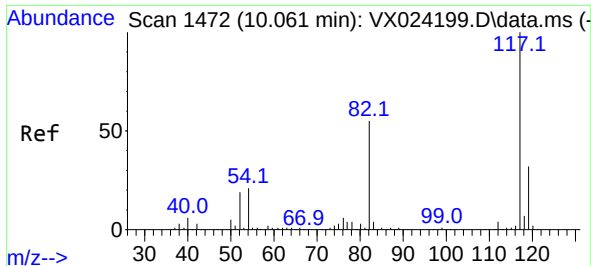
Tgt Ion: 43 Resp: 1550
Ion Ratio Lower Upper
43 100
58 174.3 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 53.680 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024431.D
Acq: 22 Sep 2021 13:50

Tgt Ion: 95 Resp: 129708
Ion Ratio Lower Upper
95 100
174 78.9 0.0 154.6
176 77.6 0.0 155.8

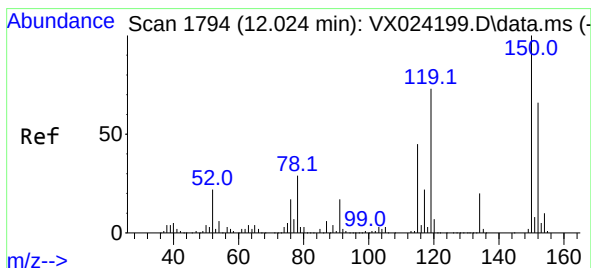
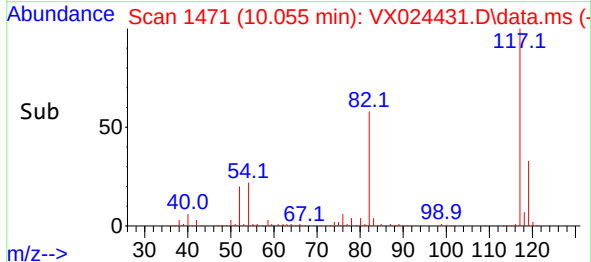
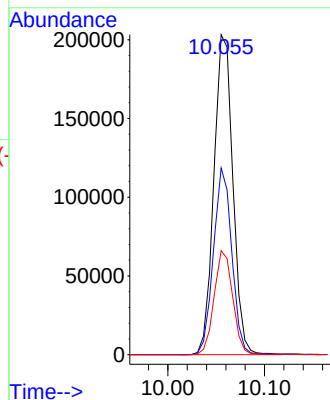
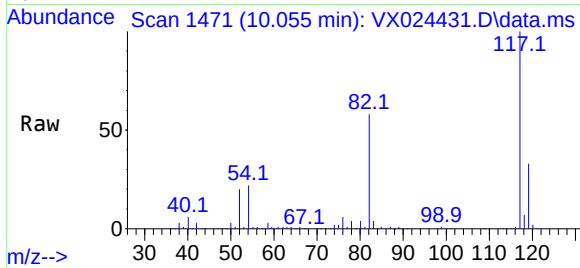




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024431.D
Acq: 22 Sep 2021 13:50

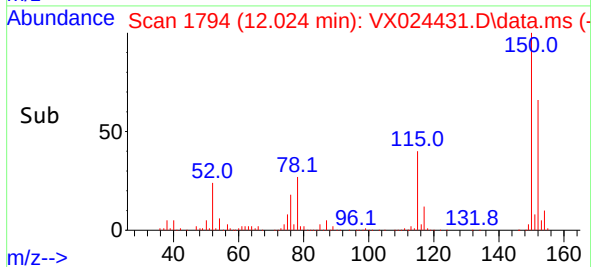
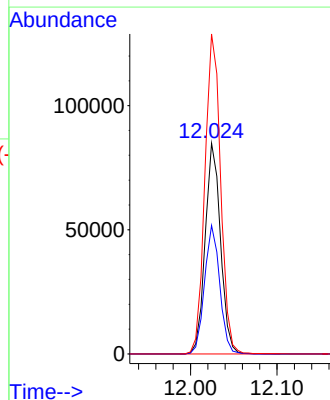
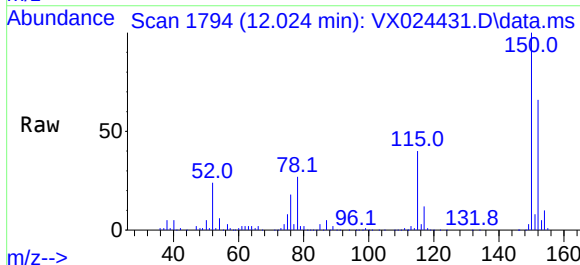
Instrument :
MSVOA_X
ClientSampleId :
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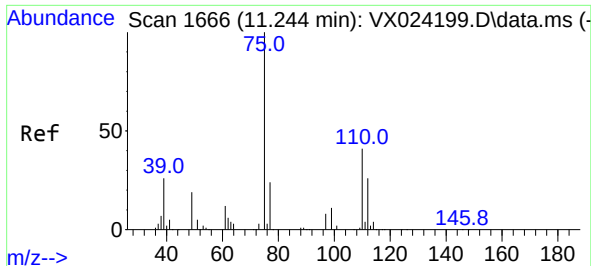
Tgt Ion:117 Resp: 277213
Ion Ratio Lower Upper
117 100
82 58.4 47.4 71.2
119 32.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024431.D
Acq: 22 Sep 2021 13:50

Tgt Ion:152 Resp: 104348
Ion Ratio Lower Upper
152 100
115 60.4 41.1 123.3
150 155.4 0.0 349.0

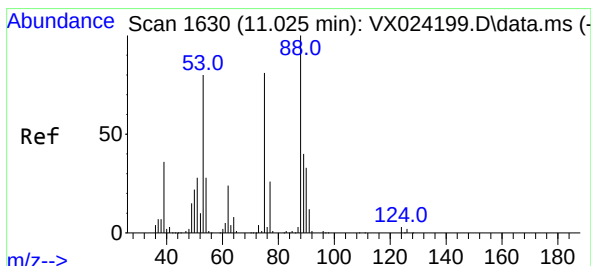
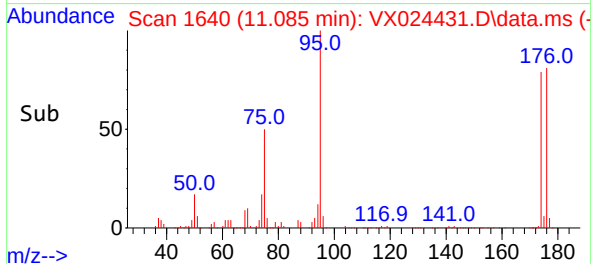
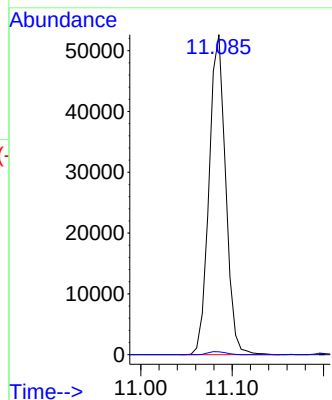
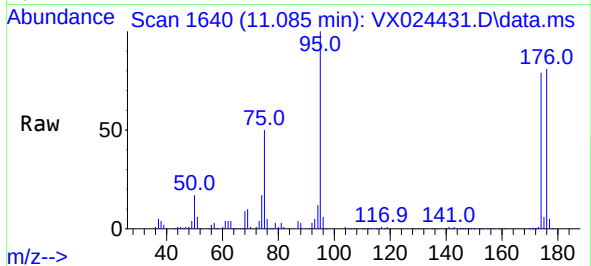




#76
1,2,3-Trichloropropane
Concen: 27.688 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024431.D
Acq: 22 Sep 2021 13:50

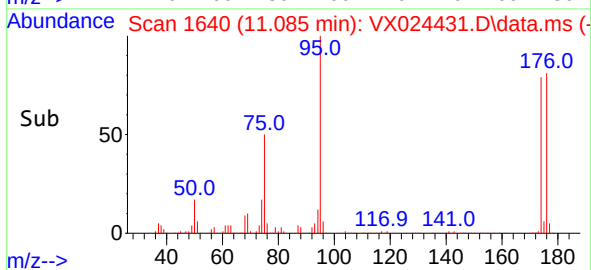
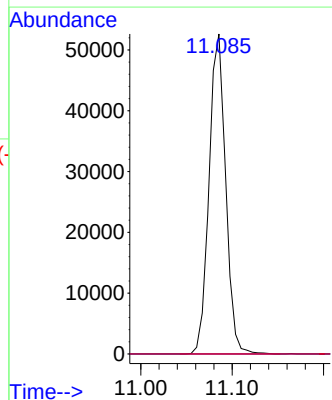
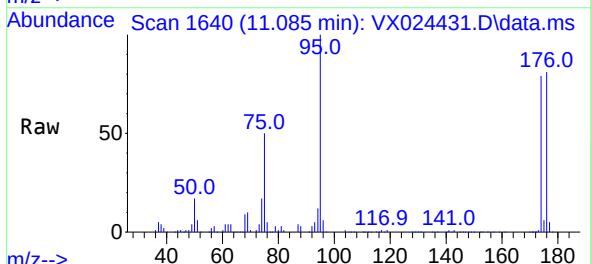
Instrument :
MSVOA_X
ClientSampled :
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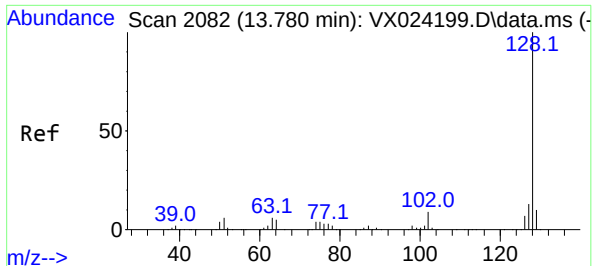
Tgt Ion: 75 Resp: 66435
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 81.432 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX024431.D
Acq: 22 Sep 2021 13:50

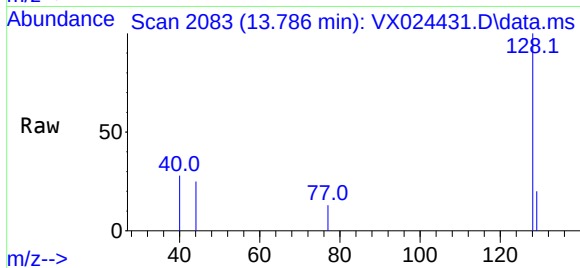
Tgt Ion: 75 Resp: 66435
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.355 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX024431.D
Acq: 22 Sep 2021 13:50

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:	128	Resp:	521
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	11.1	8.8	13.2

