

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082021\
 Data File : VX023850.D
 Acq On : 19 Aug 2021 20:09
 Operator : JC/MD
 Sample : M3479-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 210818010-02-TRIP-BLANK

Quant Time: Aug 20 03:15:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

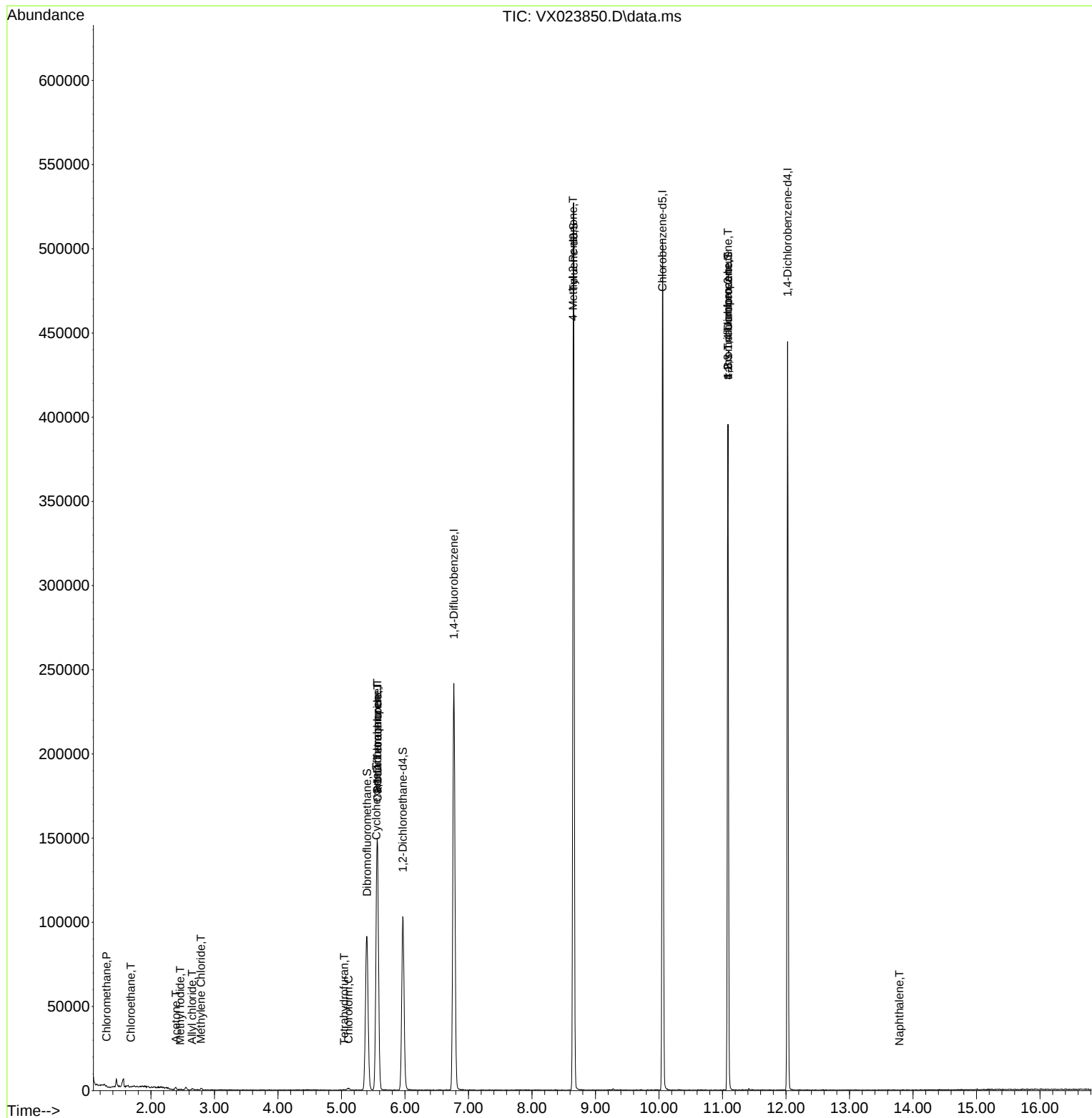
Internal Standards						
1) Pentafluorobenzene	5.562	168	141146	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	240942	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	225613	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87049	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	98710	50.108	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.220%	
35) Dibromofluoromethane	5.404	113	79181	49.652	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.300%	
50) Toluene-d8	8.653	98	297192	48.964	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.920%	
62) 4-Bromofluorobenzene	11.085	95	98698	44.172	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 88.340%	
Target Compounds						Qvalue
3) Chloromethane	1.301	50	335	0.205	ug/l	92
6) Chloroethane	1.685	64	125	2.307	ug/l #	43
10) Methyl Iodide	2.459	142	455	0.231	ug/l #	59
14) Allyl chloride	2.648	41	620	0.248	ug/l #	62
16) Acetone	2.392	43	1635	1.856	ug/l	99
20) Methylene Chloride	2.788	84	484	0.288	ug/l #	84
29) Tetrahydrofuran	5.044	42	241	0.279	ug/l #	36
30) Chloroform	5.111	83	1469	0.501	ug/l	99
31) Cyclohexane	5.550	56	3199	1.264	ug/l #	52
36) 1,1-Dichloropropene	5.562	75	10810	4.845	ug/l #	50
38) Carbon Tetrachloride	5.568	117	13972	6.005	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1473	0.531	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	52500	25.854	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	52500	76.051	ug/l #	12
95) Naphthalene	13.786	128	26	1.286	ug/l #	69

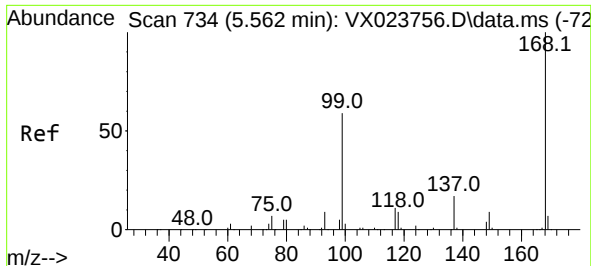
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082021\
Data File : VX023850.D
Acq On : 19 Aug 2021 20:09
Operator : JC/MD
Sample : M3479-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
210818010-02-TRIP-BLANK

Quant Time: Aug 20 03:15:52 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 17 11:57:51 2021
Response via : Initial Calibration

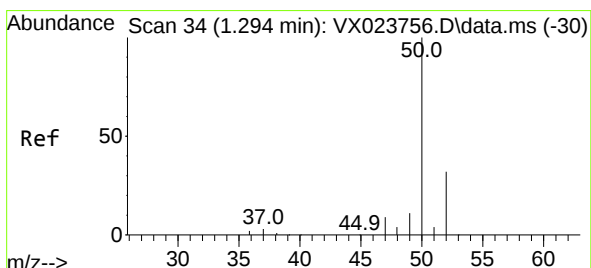
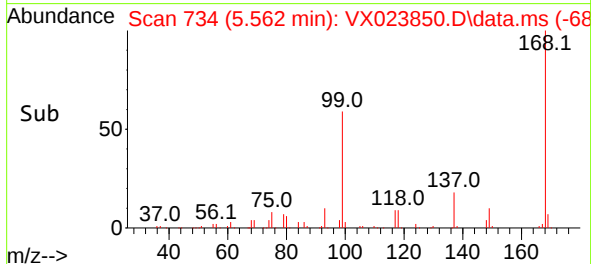
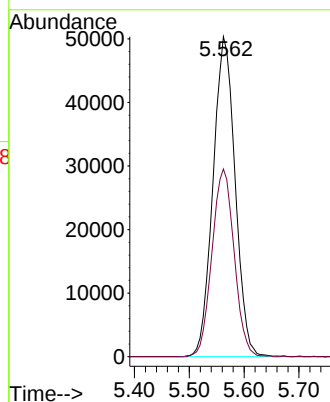
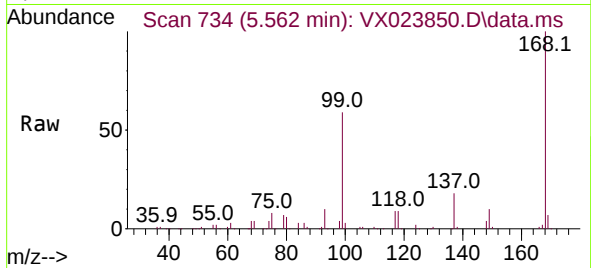




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023850.D
Acq: 19 Aug 2021 20:09

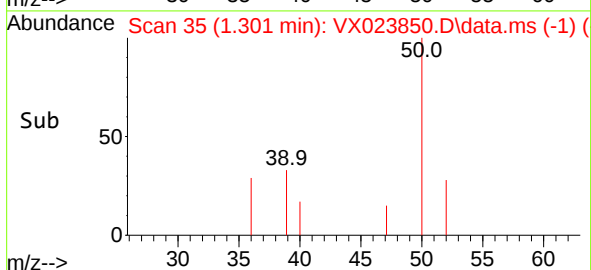
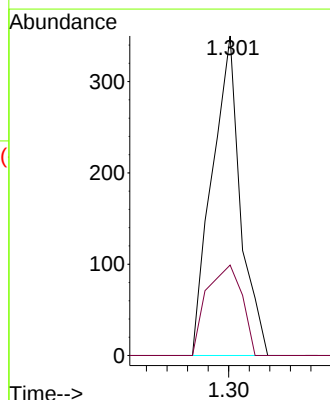
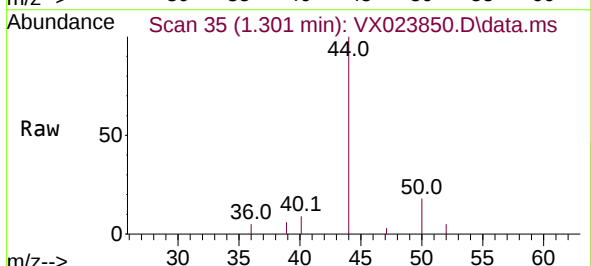
Instrument :
MSVOA_X
ClientSampleId :
210818010-02-TRIP-BLANK

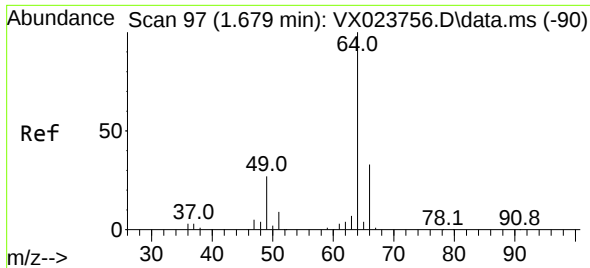
Tgt Ion:168 Resp: 141146
Ion Ratio Lower Upper
168 100
99 58.7 45.8 68.6



#3
Chloromethane
Concen: 0.205 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.007 min
Lab File: VX023850.D
Acq: 19 Aug 2021 20:09

Tgt Ion: 50 Resp: 335
Ion Ratio Lower Upper
50 100
52 28.3 26.4 39.6

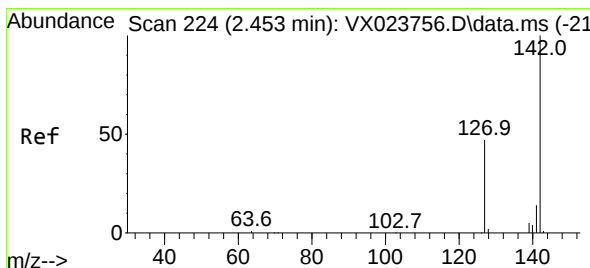
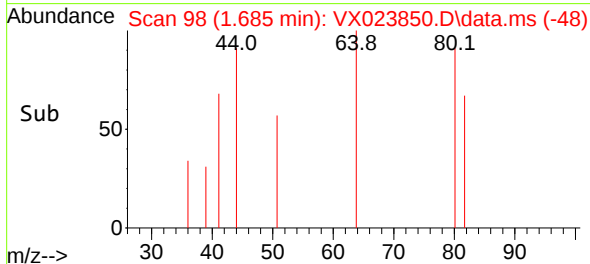
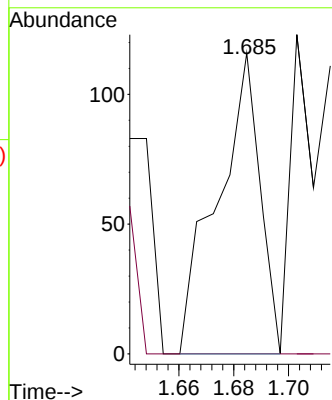
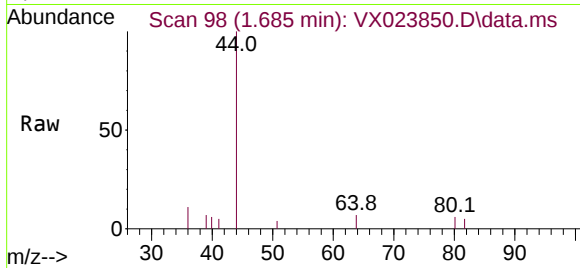




#6
Chloroethane
Concen: 2.307 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX023850.D
Acq: 19 Aug 2021 20:09

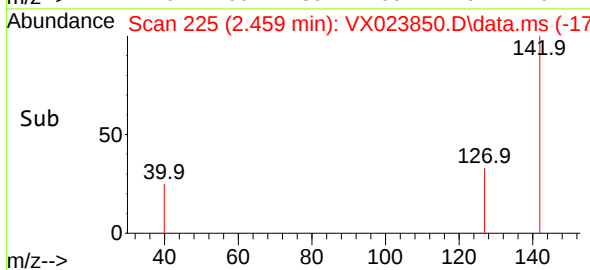
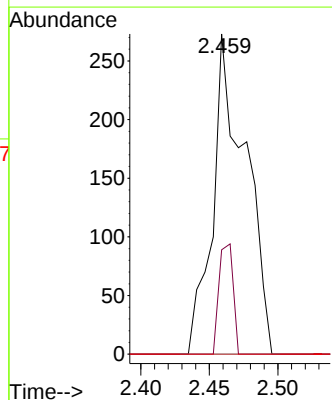
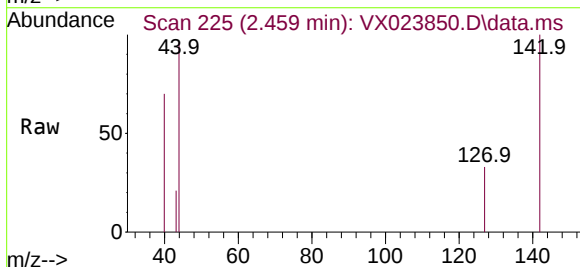
Instrument :
MSVOA_X
ClientSampleId :
210818010-02-TRIP-BLANK

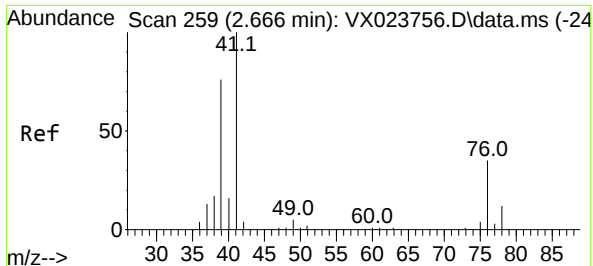
Tgt Ion: 64 Resp: 125
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#10
Methyl Iodide
Concen: 0.231 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX023850.D
Acq: 19 Aug 2021 20:09

Tgt Ion: 142 Resp: 455
Ion Ratio Lower Upper
142 100
127 14.7 33.3 49.9#
141 0.0 11.4 17.0#

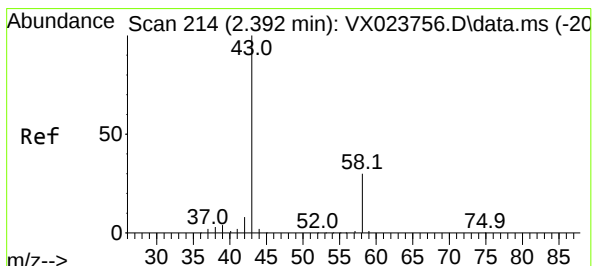
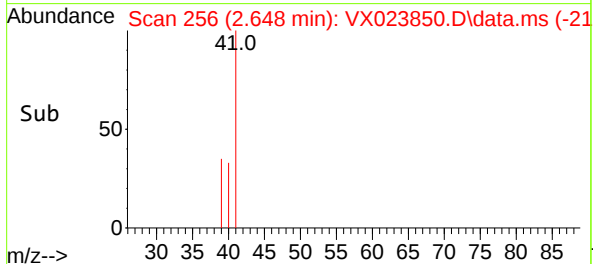
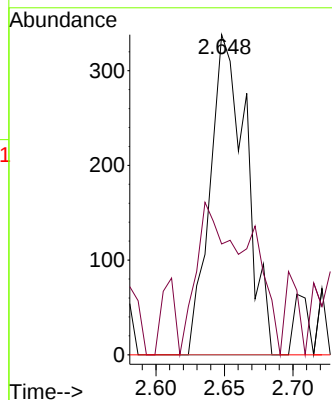
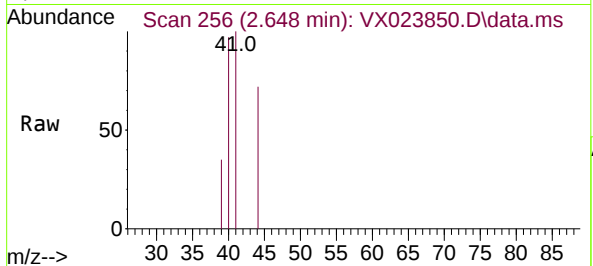




#14
 Allyl chloride
 Concen: 0.248 ug/l
 RT: 2.648 min Scan# 256
 Delta R.T. -0.018 min
 Lab File: VX023850.D
 Acq: 19 Aug 2021 20:09

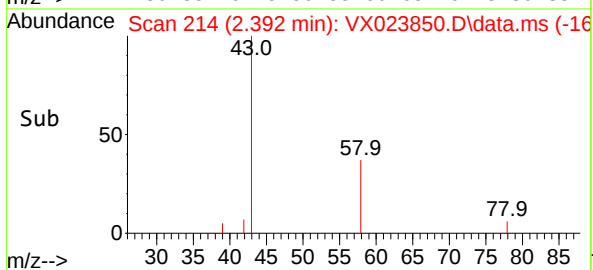
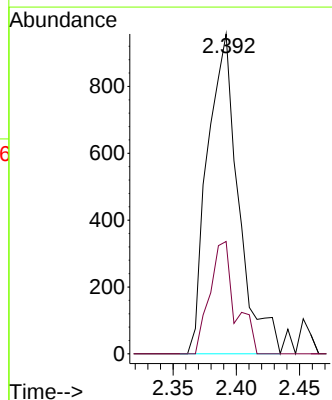
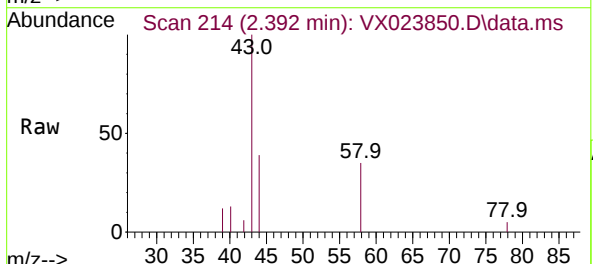
Instrument :
 MSVOA_X
 ClientSampleId :
 210818010-02-TRIP-BLANK

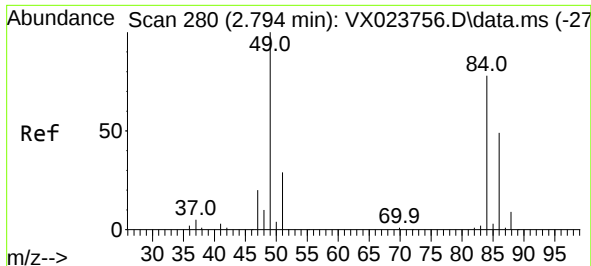
Tgt Ion:	41	Resp:	620
Ion	Ratio	Lower	Upper
41	100		
39	46.3	51.6	77.4#
76	0.0	30.5	45.7#



#16
 Acetone
 Concen: 1.856 ug/l
 RT: 2.392 min Scan# 214
 Delta R.T. -0.000 min
 Lab File: VX023850.D
 Acq: 19 Aug 2021 20:09

Tgt Ion:	43	Resp:	1635
Ion	Ratio	Lower	Upper
43	100		
58	35.1	27.8	41.8

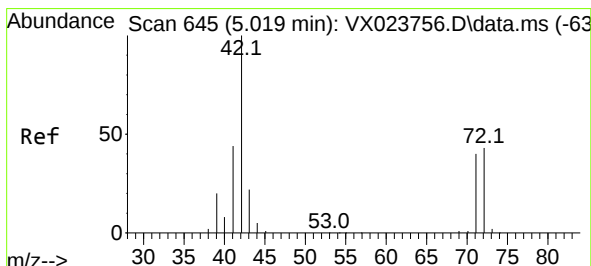
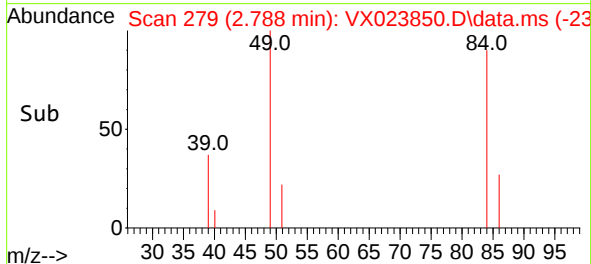
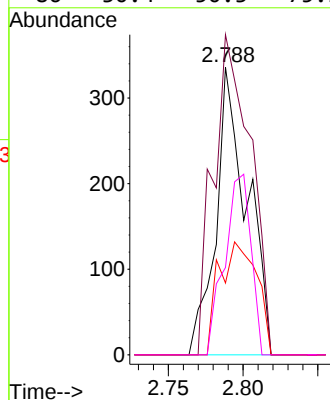
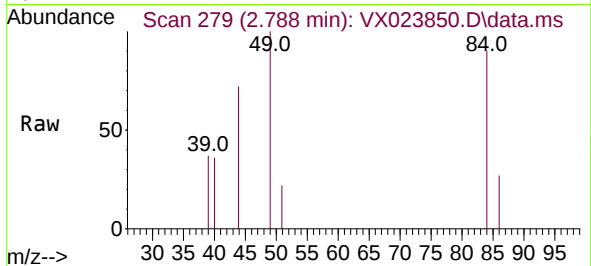




#20
Methylene Chloride
Concen: 0.288 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX023850.D
Acq: 19 Aug 2021 20:09

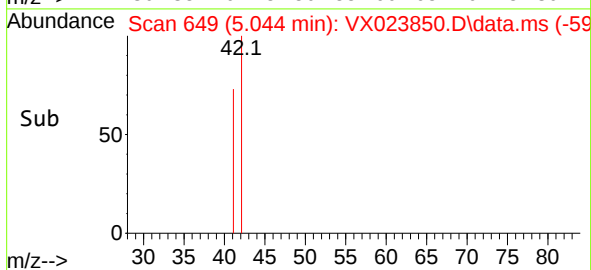
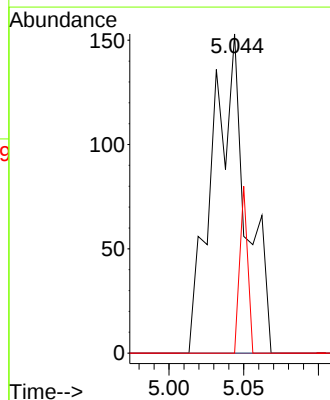
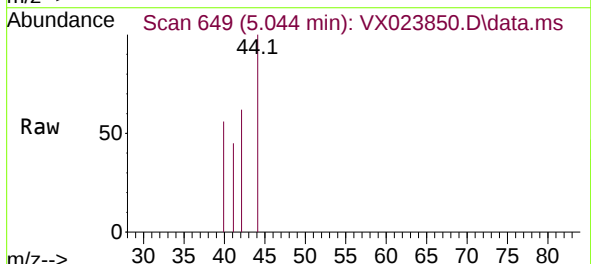
Instrument :
MSVOA_X
ClientSampleId :
210818010-02-TRIP-BLANK

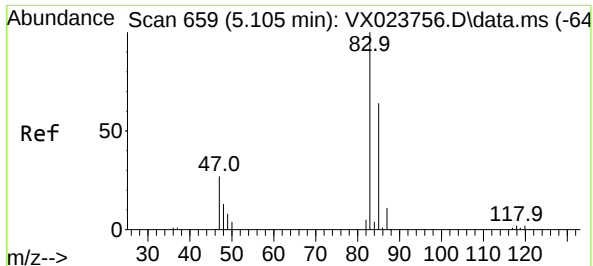
Tgt Ion: 84	Resp: 484
Ion Ratio	Lower Upper
84 100	
49 111.3	88.6 132.8
51 25.0	27.0 40.6#
86 30.4	50.3 75.5#



#29
Tetrahydrofuran
Concen: 0.279 ug/l
RT: 5.044 min Scan# 649
Delta R.T. 0.025 min
Lab File: VX023850.D
Acq: 19 Aug 2021 20:09

Tgt Ion: 42	Resp: 241
Ion Ratio	Lower Upper
42 100	
72 0.0	41.7 62.5#
71 12.0	38.4 57.6#





#30

Chloroform

Concen: 0.501 ug/l

RT: 5.111 min Scan# 660

Delta R.T. 0.006 min

Lab File: VX023850.D

Acq: 19 Aug 2021 20:09

Instrument :

MSVOA_X

ClientSampleId :

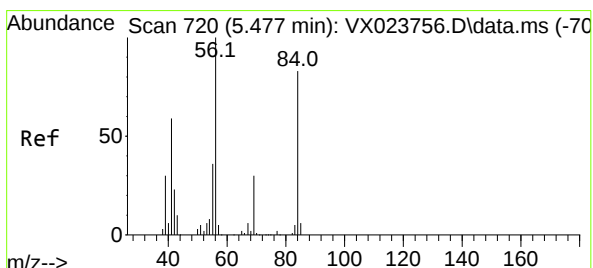
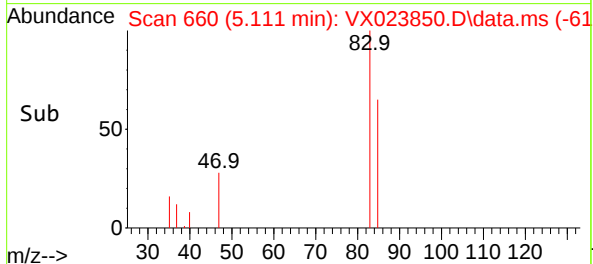
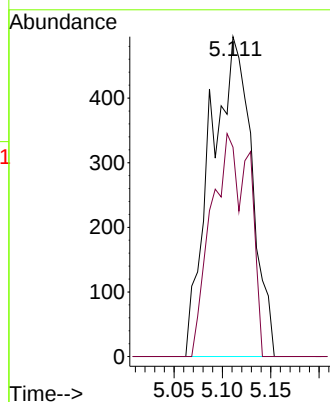
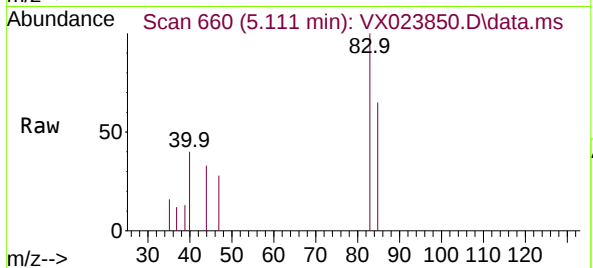
210818010-02-TRIP-BLANK

Tgt Ion: 83 Resp: 1469

Ion Ratio Lower Upper

83 100

85 65.5 52.0 78.0



#31

Cyclohexane

Concen: 1.264 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.073 min

Lab File: VX023850.D

Acq: 19 Aug 2021 20:09

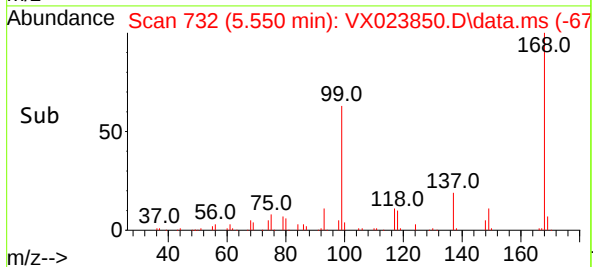
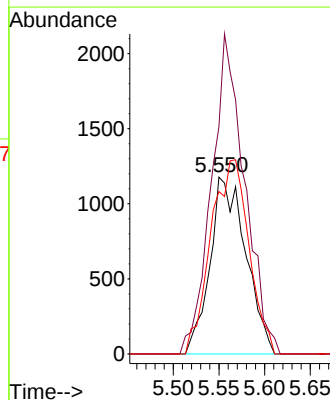
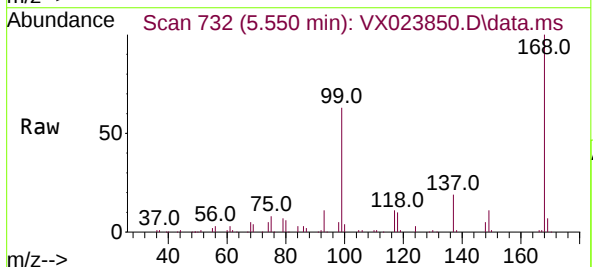
Tgt Ion: 56 Resp: 3199

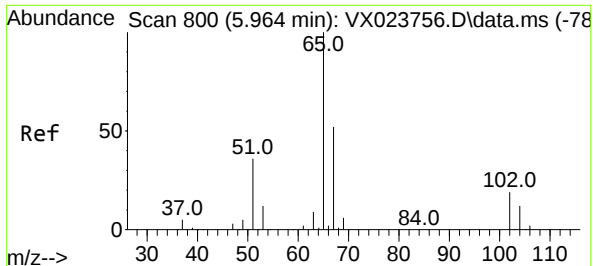
Ion Ratio Lower Upper

56 100

69 128.5 25.3 37.9#

84 91.8 71.4 107.0





#33

1,2-Dichloroethane-d4

Concen: 50.108 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX023850.D

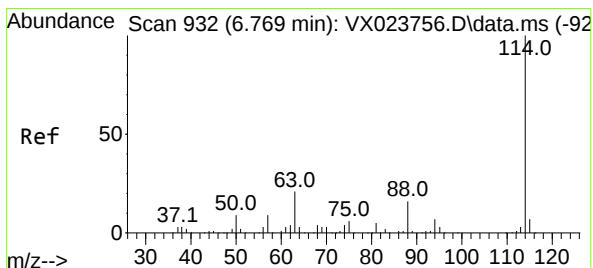
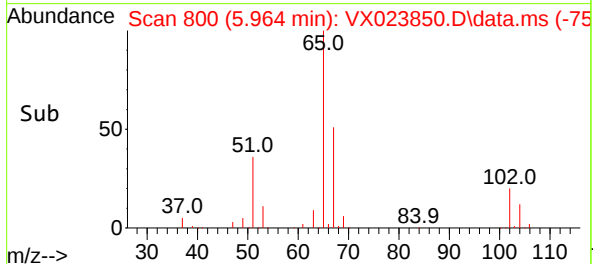
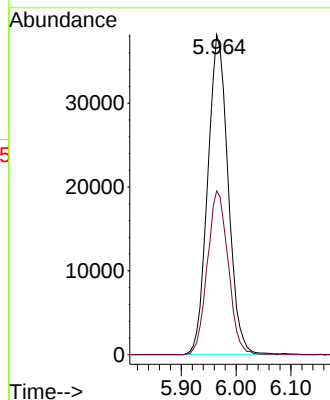
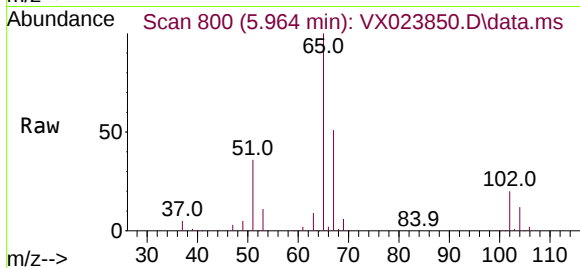
Acq: 19 Aug 2021 20:09

Tgt Ion: 65 Resp: 98710

Ion Ratio Lower Upper

65 100

67 52.2 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: VX023850.D

Acq: 19 Aug 2021 20:09

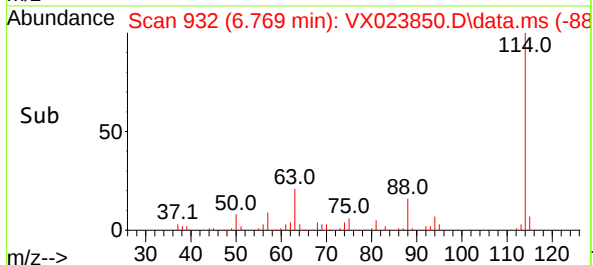
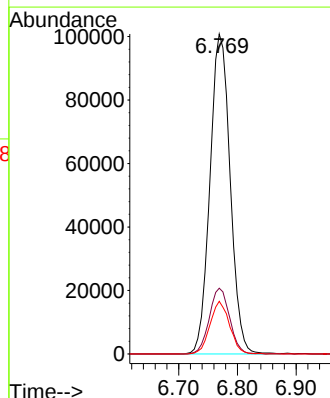
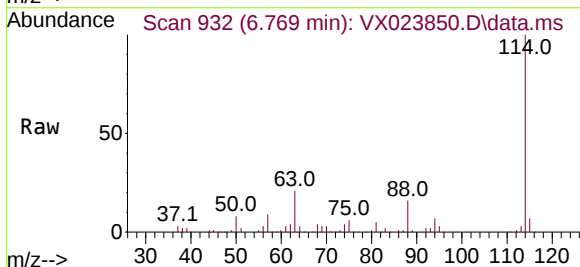
Tgt Ion: 114 Resp: 240942

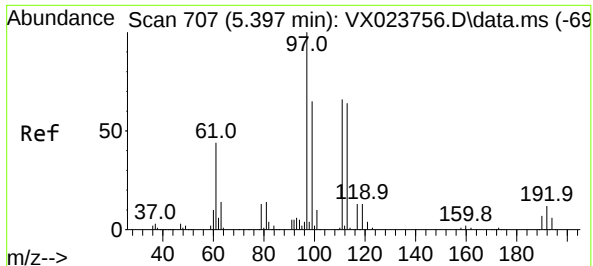
Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.8

88 16.5 0.0 32.8

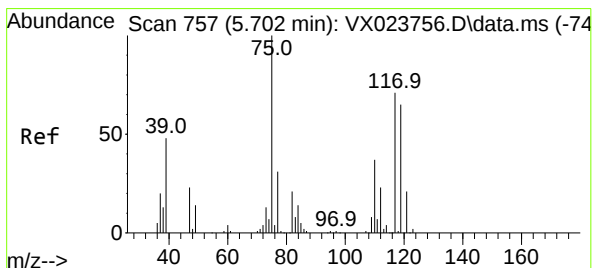
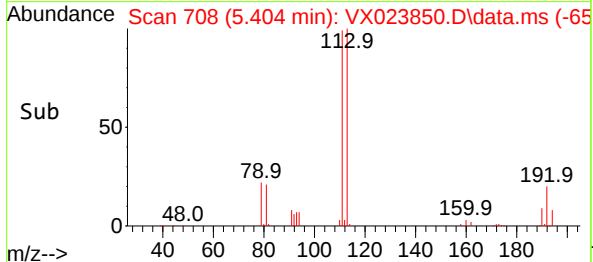
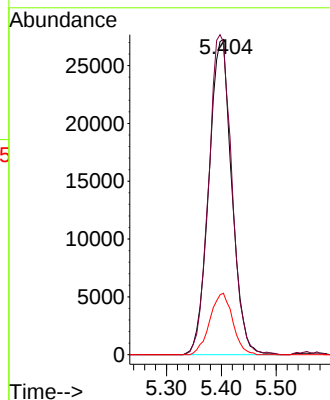
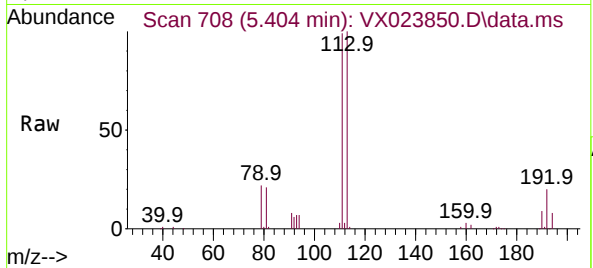




#35
Dibromofluoromethane
Concen: 49.652 ug/l
RT: 5.404 min Scan# 708
Delta R.T. 0.007 min
Lab File: VX023850.D
Acq: 19 Aug 2021 20:09

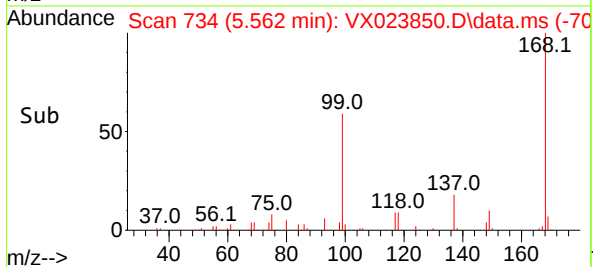
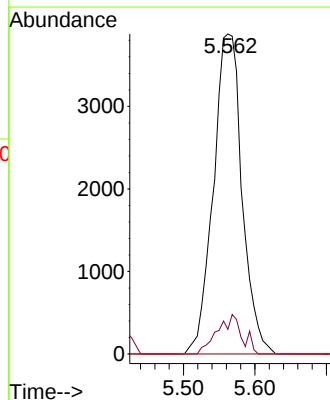
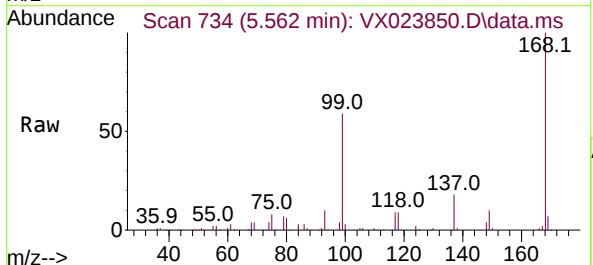
Instrument :
MSVOA_X
ClientSampleId :
210818010-02-TRIP-BLANK

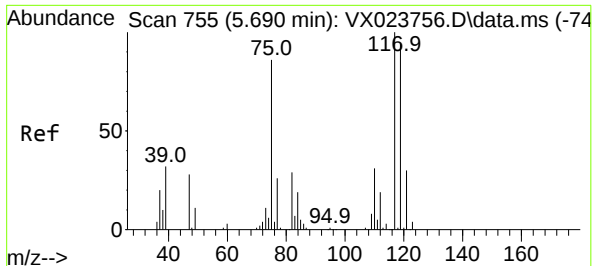
Tgt Ion:113 Resp: 79181
Ion Ratio Lower Upper
113 100
111 102.4 81.9 122.9
192 19.4 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.845 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX023850.D
Acq: 19 Aug 2021 20:09

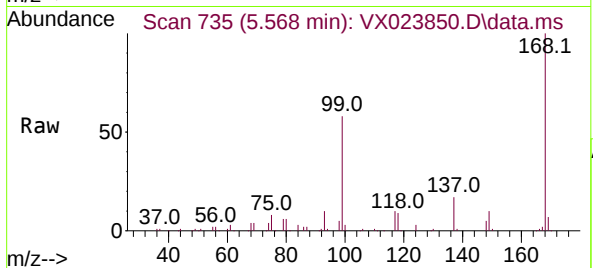
Tgt Ion: 75 Resp: 10810
Ion Ratio Lower Upper
75 100
110 10.5 18.1 54.4#
77 0.0 25.3 37.9#



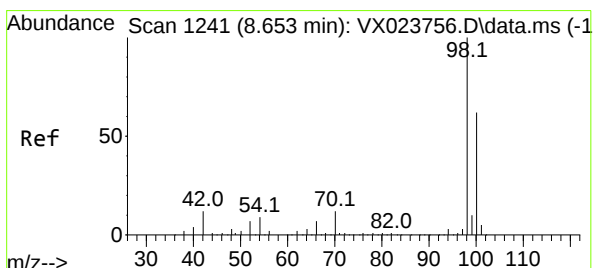
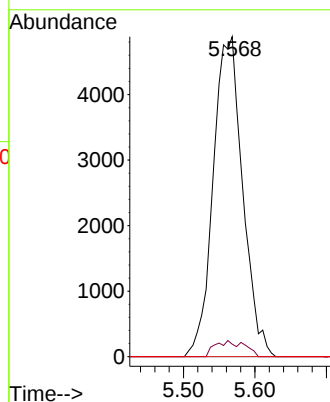
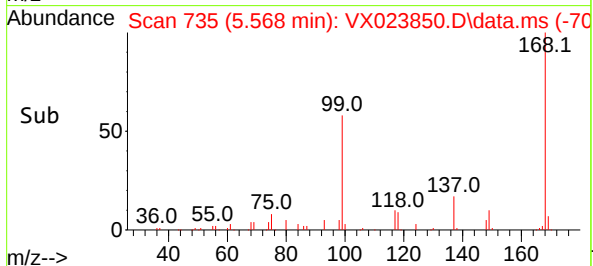


#38
Carbon Tetrachloride
Concen: 6.005 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.122 min
Lab File: VX023850.D
Acq: 19 Aug 2021 20:09

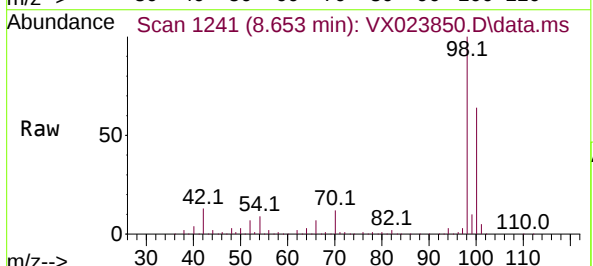
Instrument :
MSVOA_X
ClientSampleId :
210818010-02-TRIP-BLANK



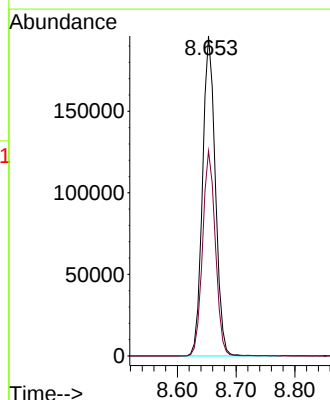
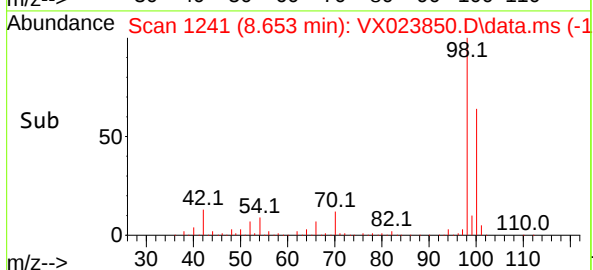
Tgt Ion:117 Resp: 13972
Ion Ratio Lower Upper
117 100
119 3.9 76.2 114.2#
121 0.0 24.8 37.2#

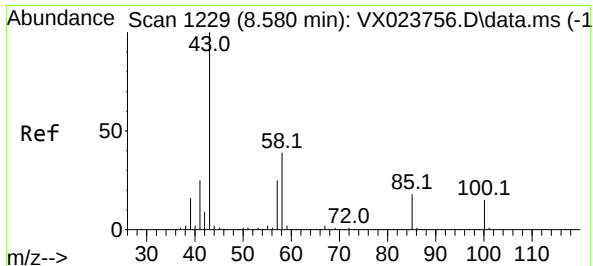


#50
Toluene-d8
Concen: 48.964 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX023850.D
Acq: 19 Aug 2021 20:09



Tgt Ion: 98 Resp: 297192
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9

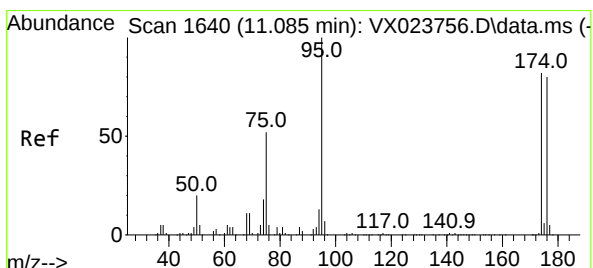
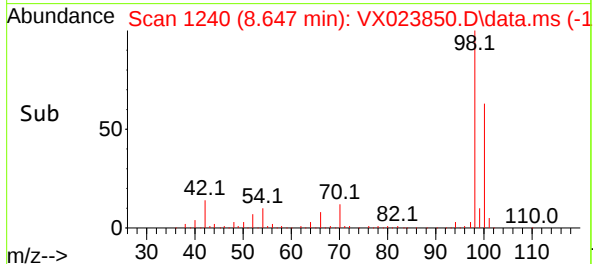
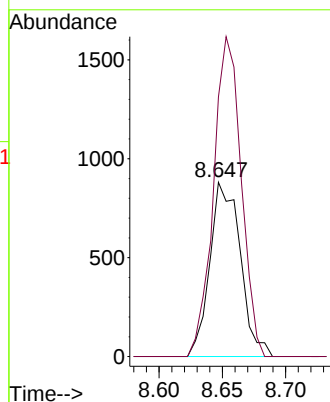
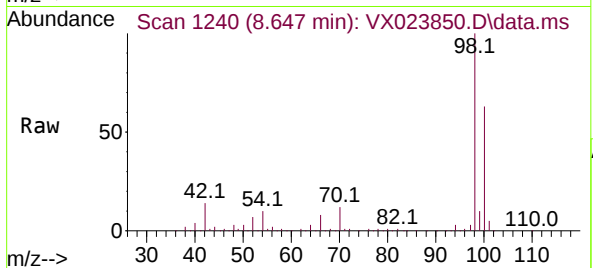




#51
4-Methyl-2-Pentanone
Concen: 0.531 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX023850.D
Acq: 19 Aug 2021 20:09

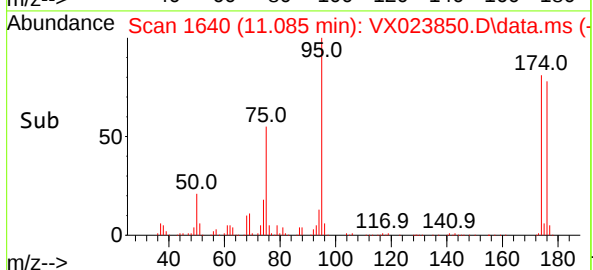
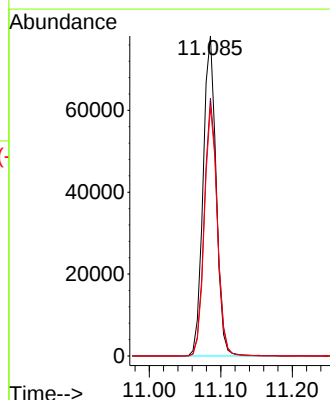
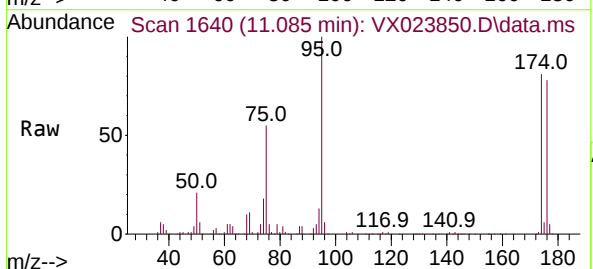
Instrument :
MSVOA_X
ClientSampleId :
210818010-02-TRIP-BLANK

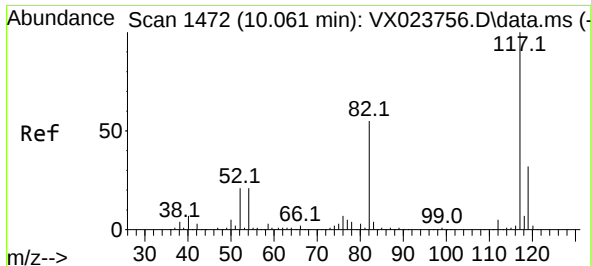
Tgt Ion: 43 Resp: 1473
Ion Ratio Lower Upper
43 100
58 167.4 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 44.172 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023850.D
Acq: 19 Aug 2021 20:09

Tgt Ion: 95 Resp: 98698
Ion Ratio Lower Upper
95 100
174 80.5 0.0 154.6
176 77.2 0.0 155.8

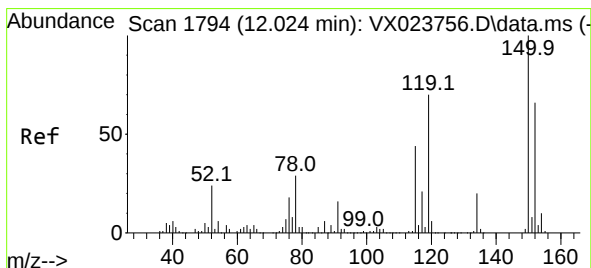
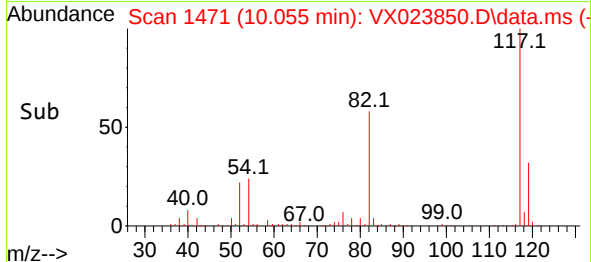
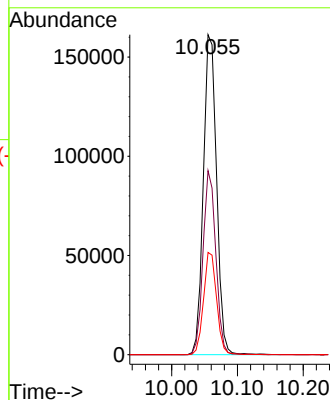
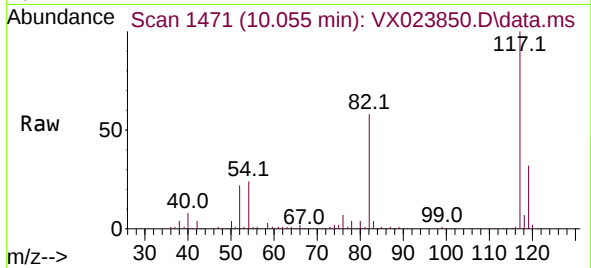




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023850.D
Acq: 19 Aug 2021 20:09

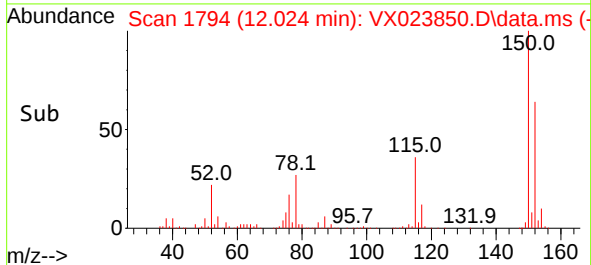
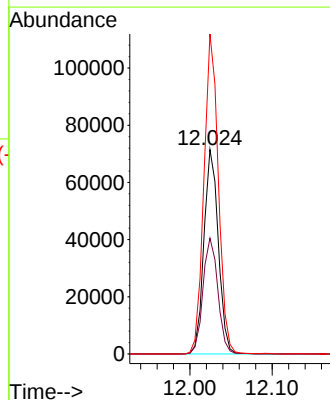
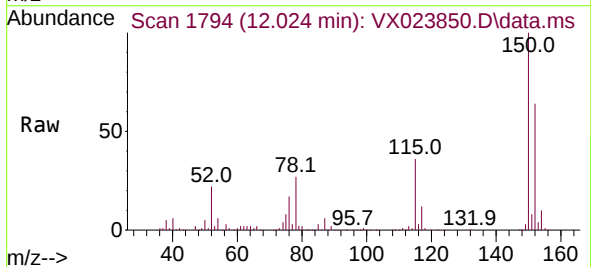
Instrument :
MSVOA_X
ClientSampleId :
210818010-02-TRIP-BLANK

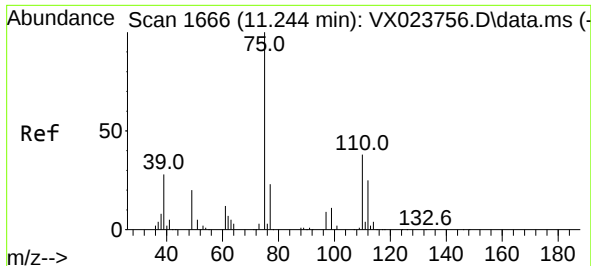
Tgt Ion:117 Resp: 225613
Ion Ratio Lower Upper
117 100
82 57.5 47.4 71.2
119 32.0 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023850.D
Acq: 19 Aug 2021 20:09

Tgt Ion:152 Resp: 87049
Ion Ratio Lower Upper
152 100
115 58.6 41.1 123.3
150 157.1 0.0 349.0

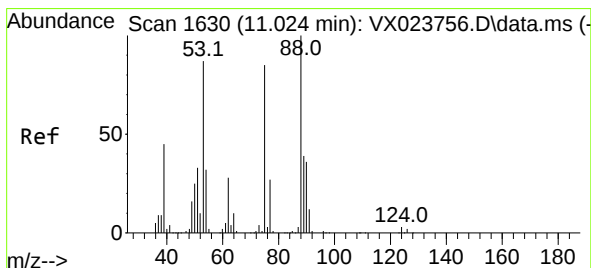
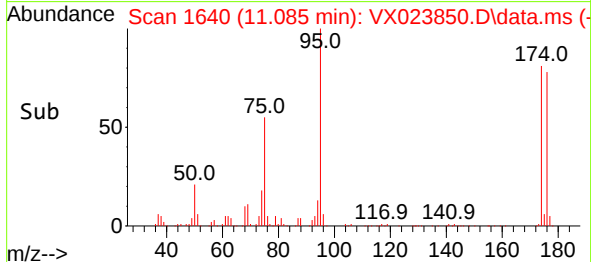
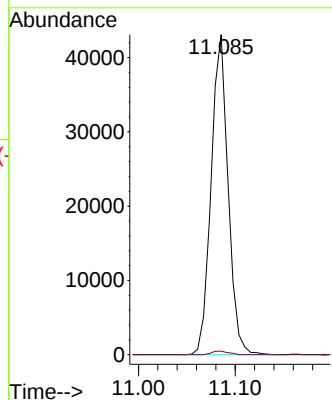
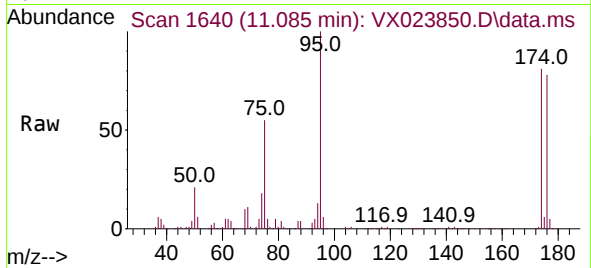




#76
1,2,3-Trichloropropane
Concen: 25.854 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023850.D
Acq: 19 Aug 2021 20:09

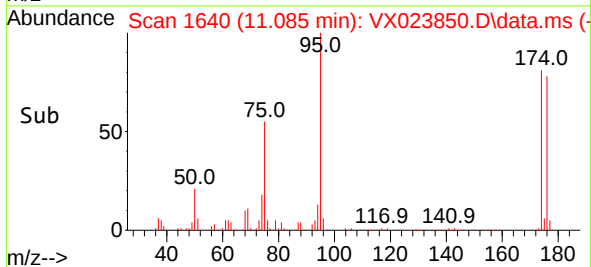
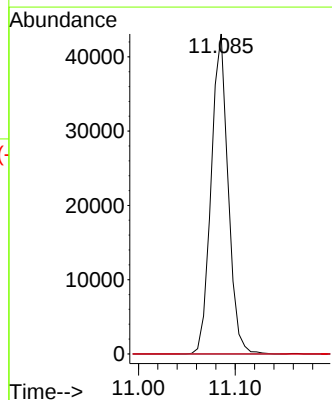
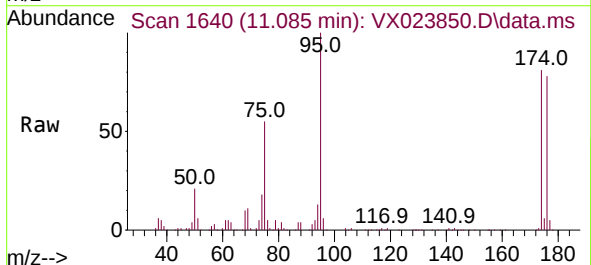
Instrument :
MSVOA_X
ClientSampleId :
210818010-02-TRIP-BLANK

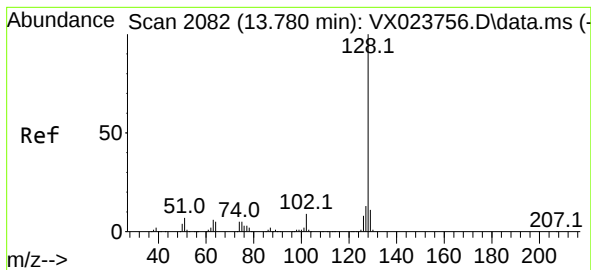
Tgt Ion: 75 Resp: 52500
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.051 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023850.D
Acq: 19 Aug 2021 20:09

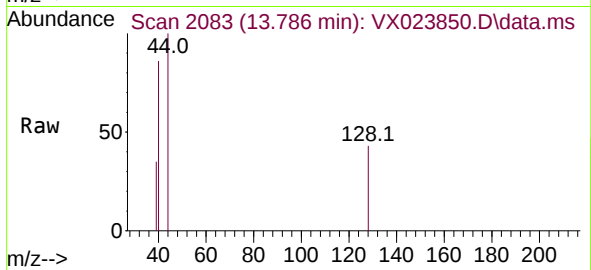
Tgt Ion: 75 Resp: 52500
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.286 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX023850.D
Acq: 19 Aug 2021 20:09

Instrument :
MSVOA_X
ClientSampleId :
210818010-02-TRIP-BLANK



Tgt Ion:128 Resp: 26
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

