

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081721\
 Data File : VX023759.D
 Acq On : 17 Aug 2021 11:51
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Aug 17 14:10:52 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	155904	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	261012	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	238113	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98605	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	108239	49.744	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.480%
35) Dibromofluoromethane	5.397	113	84132	48.700	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.400%
50) Toluene-d8	8.653	98	318044	48.370	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.740%
62) 4-Bromofluorobenzene	11.085	95	110894	45.814	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.620%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	1088	0.661	ug/l	83
3) Chloromethane	1.294	50	1000	0.554	ug/l	99
4) Vinyl Chloride	1.374	62	855	0.485	ug/l #	79
5) Bromomethane	1.617	94	2505	2.262	ug/l	95
6) Chloroethane	1.691	64	297	2.410	ug/l #	1
7) Trichlorofluoromethane	1.892	101	1291	0.464	ug/l #	80
9) 1,1,2-Trichlorotrifluo...	2.331	101	1127	0.720	ug/l	94
10) Methyl Iodide	2.459	142	2697	1.238	ug/l	94
11) Tert butyl alcohol	2.971	59	311	0.707	ug/l #	73
12) 1,1-Dichloroethene	2.325	96	881	0.589	ug/l	90
13) Acrolein	2.245	56	465	1.776	ug/l #	81
14) Allyl chloride	2.666	41	952	0.345	ug/l #	33
15) Acrylonitrile	3.081	53	1659	1.692	ug/l	97
16) Acetone	2.392	43	1271	1.306	ug/l	95
17) Carbon Disulfide	2.514	76	8466	2.372	ug/l	98
18) Methyl Acetate	2.715	43	721	0.297	ug/l #	71
20) Methylene Chloride	2.794	84	1378	0.741	ug/l #	91
21) trans-1,2-Dichloroethene	3.099	96	1646	1.030	ug/l	89
23) Vinyl Acetate	3.745	43	2479	0.558	ug/l	97
25) 2-Butanone	4.586	43	499	0.339	ug/l	94
27) cis-1,2-Dichloroethene	4.501	96	878	0.462	ug/l	67
28) Bromochloromethane	4.910	49	529	0.381	ug/l #	99
29) Tetrahydrofuran	5.025	42	478	0.501	ug/l #	81
30) Chloroform	5.111	83	714	0.221	ug/l #	83
31) Cyclohexane	5.477	56	1245	0.445	ug/l #	91
36) 1,1-Dichloropropene	5.702	75	1559	0.645	ug/l #	88
38) Carbon Tetrachloride	5.672	117	621	0.246	ug/l #	54
39) Methylcyclohexane	7.385	83	1780	0.605	ug/l	96
40) Benzene	6.043	78	1722	0.241	ug/l	93
42) 1,2-Dichloroethane	6.098	62	809	0.288	ug/l #	73
44) Trichloroethene	7.129	130	1249	0.633	ug/l	97
46) Dibromomethane	7.592	93	518	0.392	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	858	0.286	ug/l #	82
52) Toluene	8.732	92	1414	0.305	ug/l	99
53) t-1,3-Dichloropropene	8.988	75	803	2.386	ug/l #	68
54) cis-1,3-Dichloropropene	8.372	75	678	0.234	ug/l	94

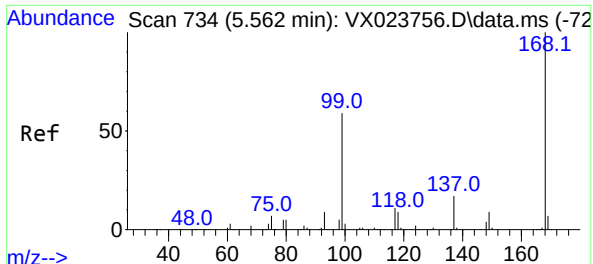
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081721\
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Quant Time: Aug 17 14:10:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) Ethyl methacrylate	9.128	69	212	0.824	ug/l #	32
58) 2-Chloroethyl Vinyl ether	8.257	63	890	0.580	ug/l #	73
59) 2-Hexanone	9.439	43	1041	0.451	ug/l	76
60) Dibromochloromethane	9.518	129	122	1.744	ug/l #	4
61) 1,2-Dibromoethane	9.616	107	633	0.314	ug/l	92
64) Tetrachloroethene	9.281	164	1316	0.692	ug/l #	81
65) Chlorobenzene	10.085	112	2215	0.446	ug/l #	78
67) Ethyl Benzene	10.201	91	3380	0.390	ug/l	96
68) m/p-Xylenes	10.305	106	2491	0.754	ug/l	92
69) o-Xylene	10.646	106	970	0.299	ug/l	87
70) Styrene	10.659	104	1819	0.344	ug/l	97
71) Bromoform	10.799	173	21	1.945	ug/l #	29
73) Isopropylbenzene	10.963	105	3405	0.453	ug/l	98
76) 1,2,3-Trichloropropane	11.085	75	58397	25.388	ug/l #	39
77) Bromobenzene	11.201	156	948	0.512	ug/l	88
78) n-propylbenzene	11.311	91	5261	0.612	ug/l	97
79) 2-Chlorotoluene	11.366	91	2711	0.521	ug/l	93
80) 1,3,5-Trimethylbenzene	11.457	105	2935	0.475	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.085	75	58397	74.679	ug/l #	12
82) 4-Chlorotoluene	11.457	91	4008	0.679	ug/l	98
83) tert-Butylbenzene	11.719	119	2931	0.488	ug/l	75
84) 1,2,4-Trimethylbenzene	11.756	105	2955	0.479	ug/l	82
85) sec-Butylbenzene	11.890	105	5146	0.677	ug/l	96
86) p-Isopropyltoluene	12.012	119	4052	0.648	ug/l #	79
87) 1,3-Dichlorobenzene	11.969	146	2628	0.784	ug/l	95
88) 1,4-Dichlorobenzene	11.969	146	2628	0.786	ug/l	94
89) n-Butylbenzene	12.335	91	4562	0.817	ug/l	97
90) Hexachloroethane	12.536	117	298	1.731	ug/l	72
91) 1,2-Dichlorobenzene	12.341	146	1958	0.603	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	2253	1.153	ug/l	94
94) Hexachlorobutadiene	13.731	225	1517	1.742	ug/l	98
95) Naphthalene	13.780	128	4765	1.926	ug/l #	94
96) 1,2,3-Trichlorobenzene	13.969	180	1943	0.998	ug/l	98

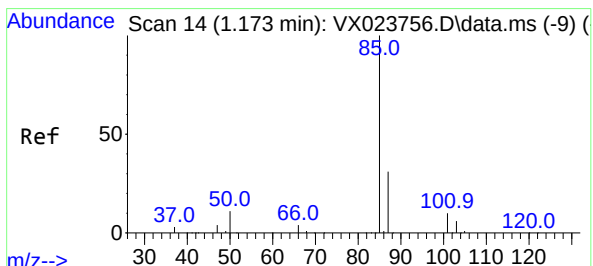
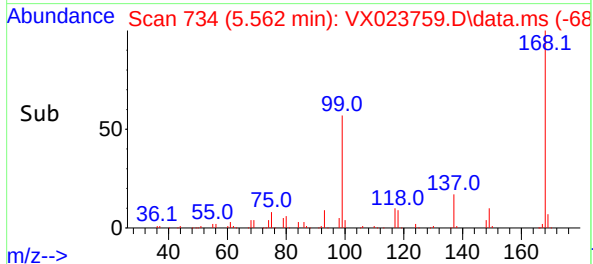
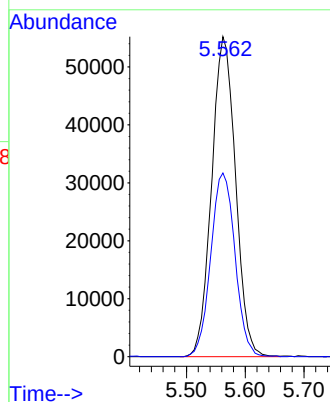
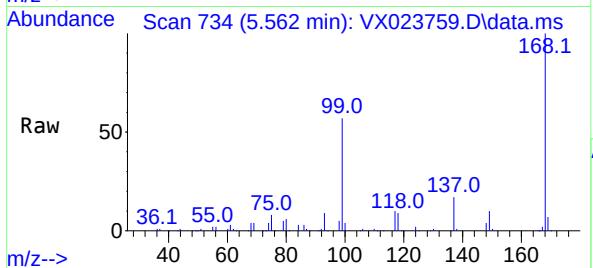
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023759.D
Acq: 17 Aug 2021 11:51

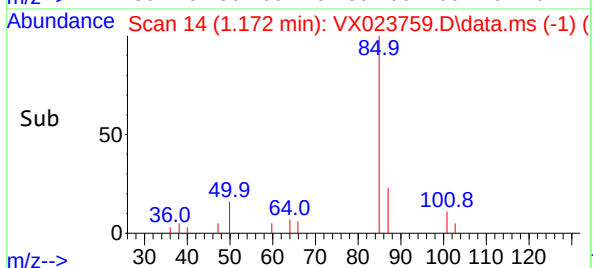
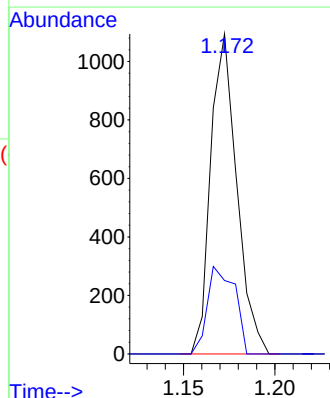
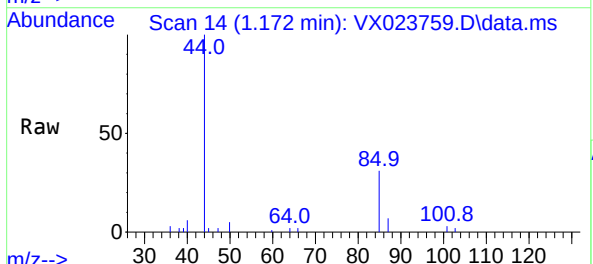
Instrument :
MSVOA_X
ClientSampleId :
IBLK

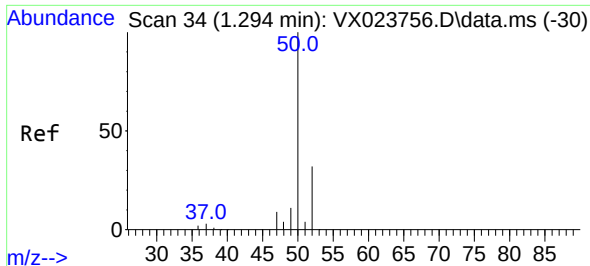
Tgt Ion:168 Resp: 155904
Ion Ratio Lower Upper
168 100
99 57.4 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 0.661 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.001 min
Lab File: VX023759.D
Acq: 17 Aug 2021 11:51

Tgt Ion: 85 Resp: 1088
Ion Ratio Lower Upper
85 100
87 22.9 16.4 49.2

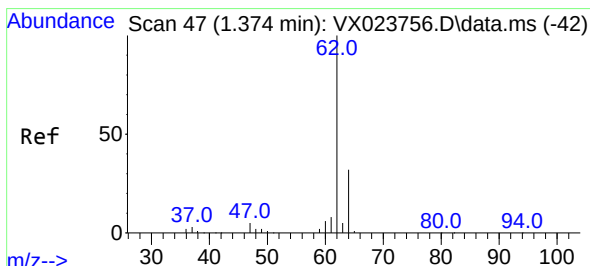
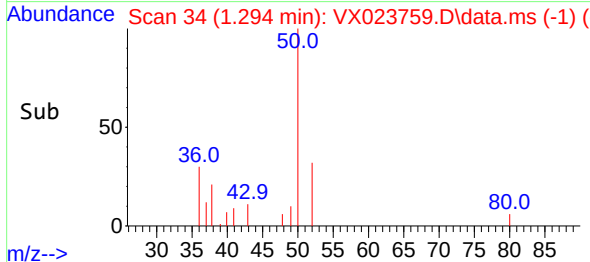
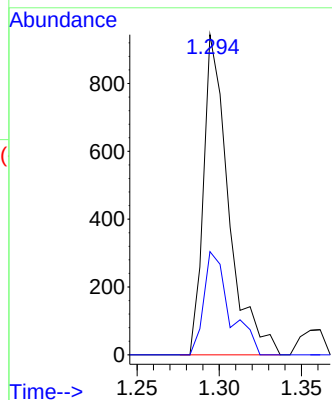
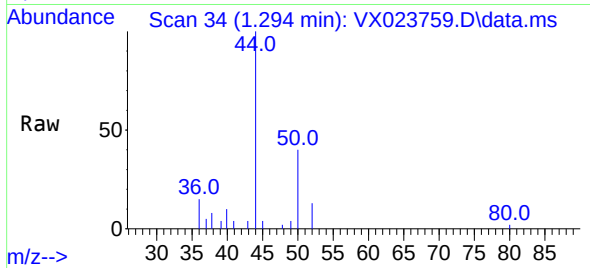




#3
Chloromethane
Concen: 0.554 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX023759.D
Acq: 17 Aug 2021 11:51

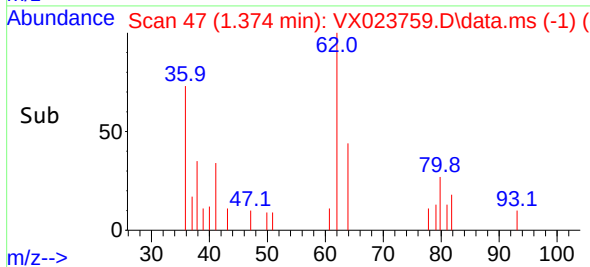
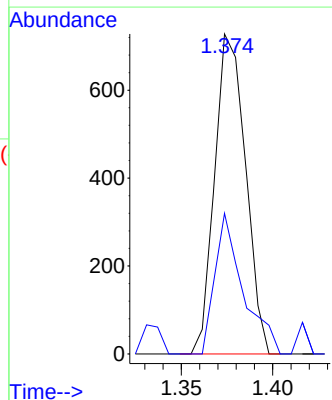
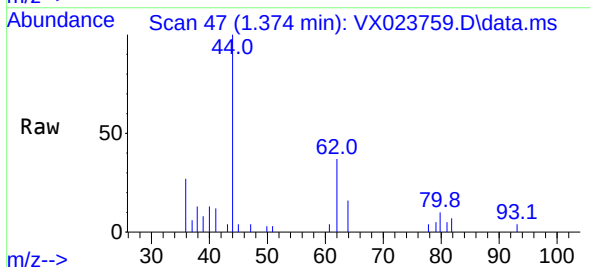
Instrument :
MSVOA_X
ClientSampled :
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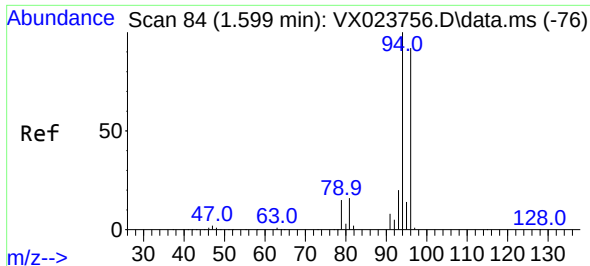
Tgt Ion: 50 Resp: 1000
Ion Ratio Lower Upper
50 100
52 32.2 26.4 39.6



#4
Vinyl Chloride
Concen: 0.485 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX023759.D
Acq: 17 Aug 2021 11:51

Tgt Ion: 62 Resp: 855
Ion Ratio Lower Upper
62 100
64 44.0 25.7 38.5#

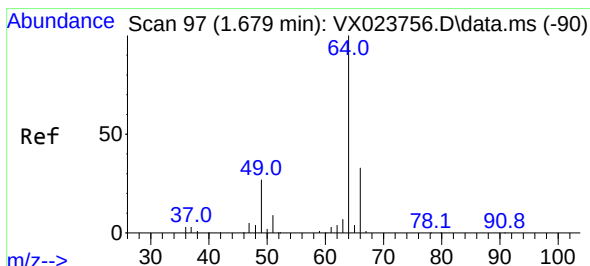
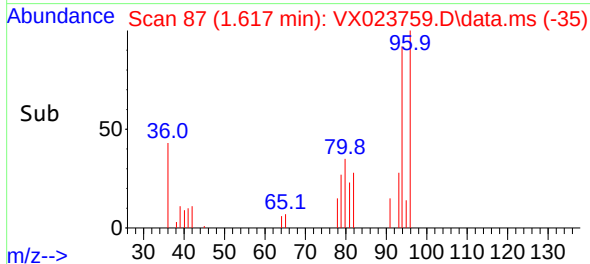
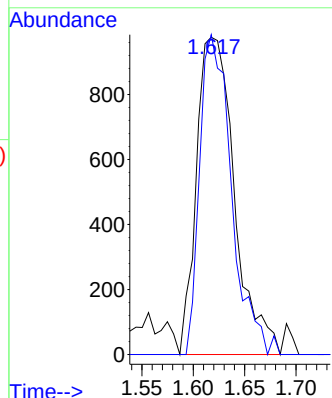
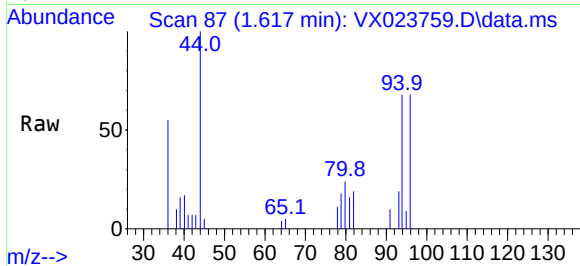




#5
Bromomethane
Concen: 2.262 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX023759.D
Acq: 17 Aug 2021 11:51

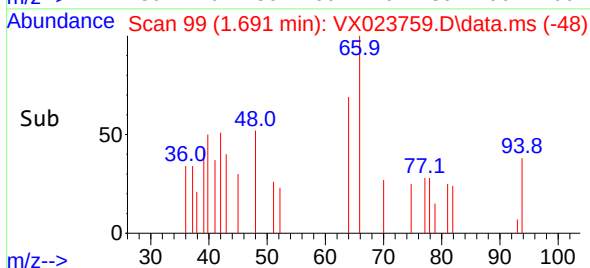
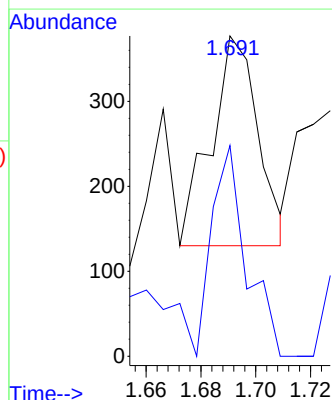
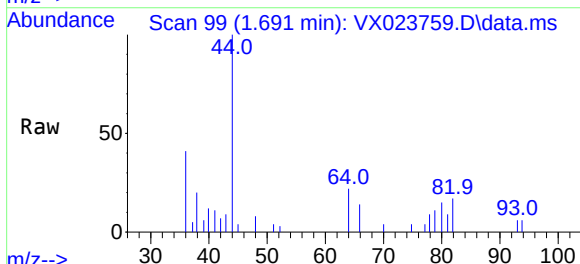
Instrument :
MSVOA_X
ClientSampled :
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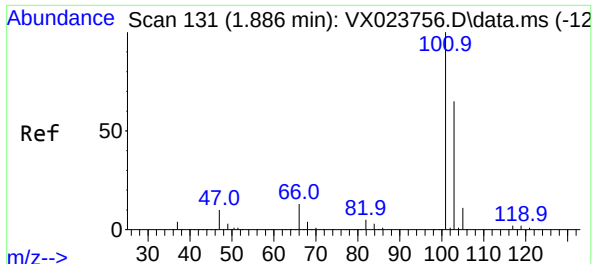
Tgt Ion: 94 Resp: 2505
Ion Ratio Lower Upper
94 100
96 100.8 76.4 114.6



#6
Chloroethane
Concen: 2.410 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX023759.D
Acq: 17 Aug 2021 11:51

Tgt Ion: 64 Resp: 297
Ion Ratio Lower Upper
64 100
66 100.4 25.4 38.0#

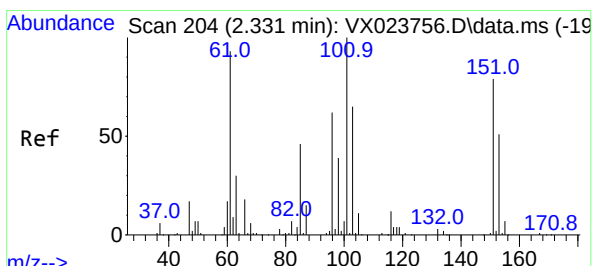
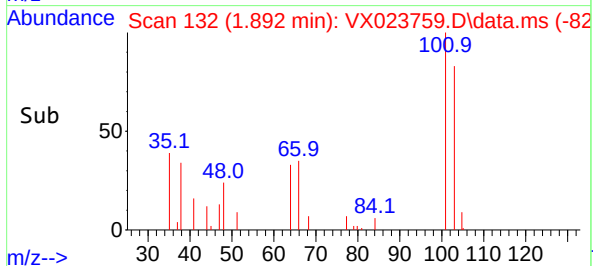
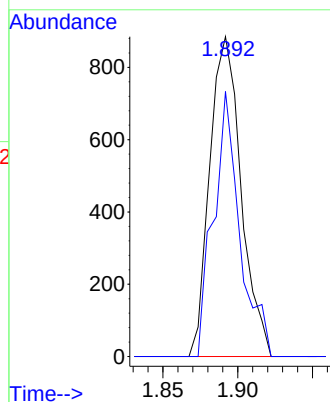
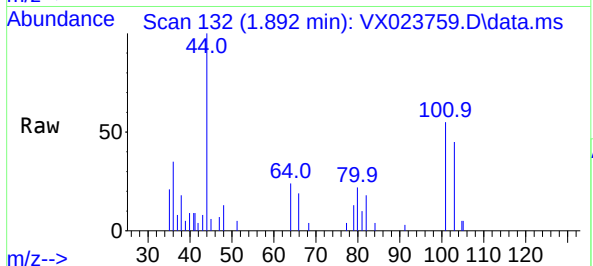




#7
Trichlorofluoromethane
Concen: 0.464 ug/l
RT: 1.892 min Scan# 132
Delta R.T. 0.006 min
Lab File: VX023759.D
Acq: 17 Aug 2021 11:51

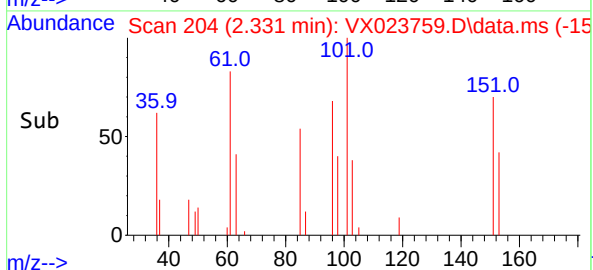
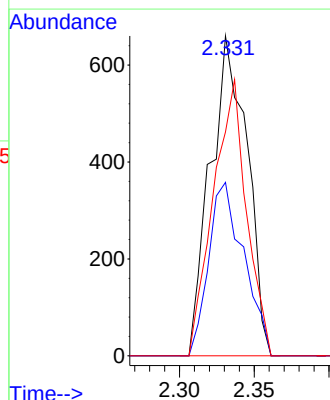
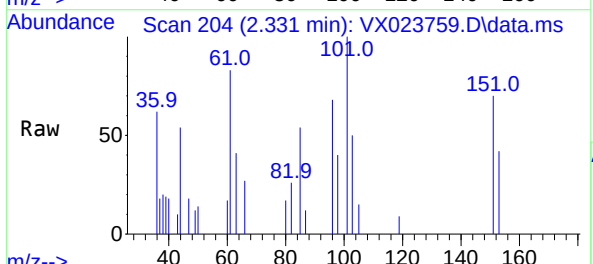
Instrument :
MSVOA_X
ClientSampled :
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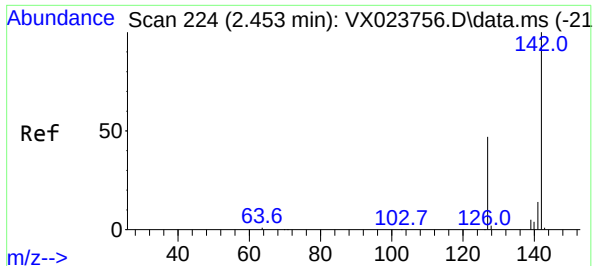
Tgt Ion:101 Resp: 1291
Ion Ratio Lower Upper
101 100
103 82.8 53.2 79.8#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.720 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX023759.D
Acq: 17 Aug 2021 11:51

Tgt Ion:101 Resp: 1127
Ion Ratio Lower Upper
101 100
85 51.9 34.9 52.3
151 78.4 61.4 92.2

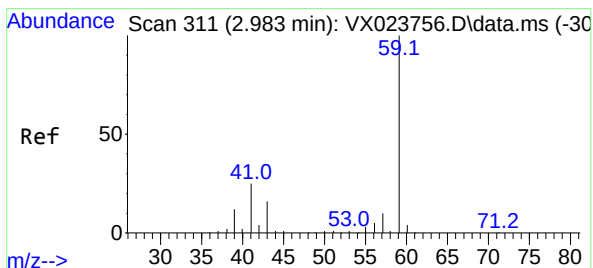
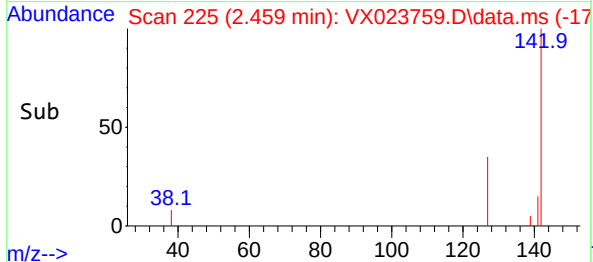
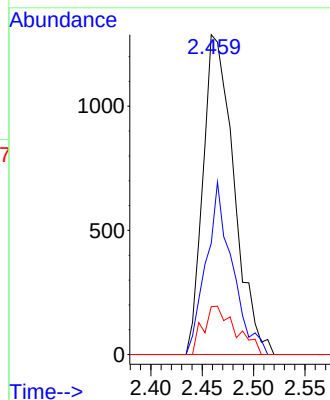
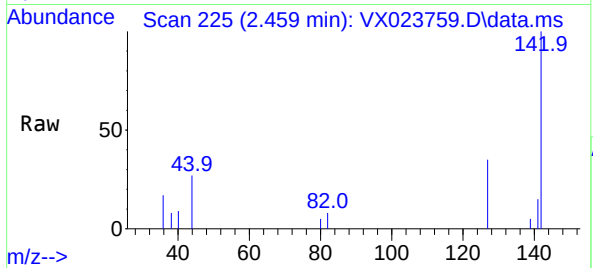




#10
Methyl Iodide
Concen: 1.238 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX023759.D
Acq: 17 Aug 2021 11:51

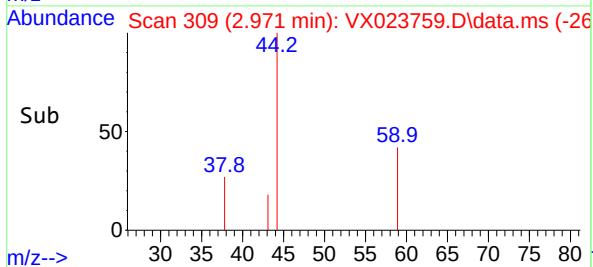
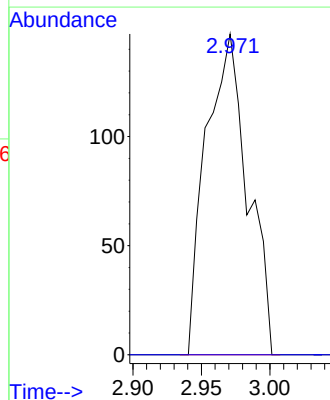
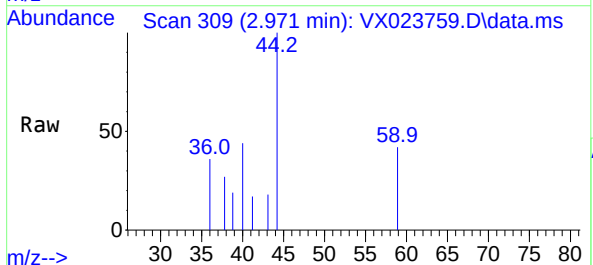
Instrument :
MSVOA_X
ClientSampled :
IBLK

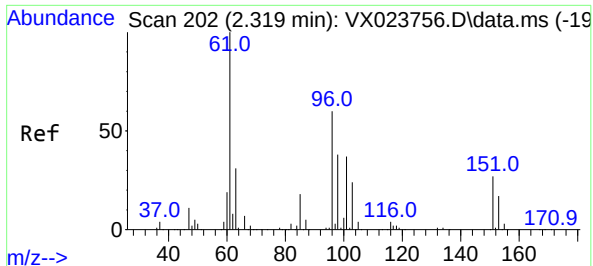
Tgt Ion:142 Resp: 2697
Ion Ratio Lower Upper
142 100
127 45.5 33.3 49.9
141 16.0 11.4 17.0



#11
Tert butyl alcohol
Concen: 0.707 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX023759.D
Acq: 17 Aug 2021 11:51

Tgt Ion: 59 Resp: 311
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#





#12

1,1-Dichloroethene

Concen: 0.589 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX023759.D

Acq: 17 Aug 2021 11:51

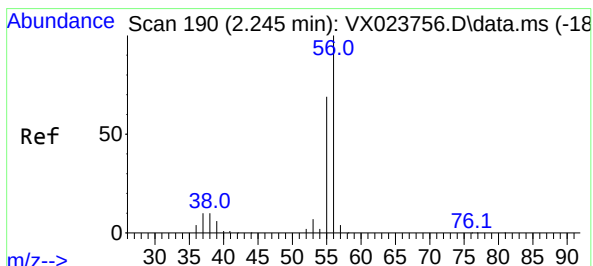
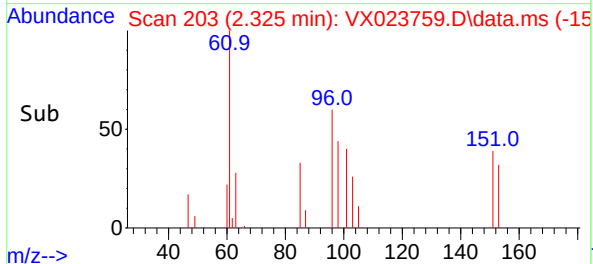
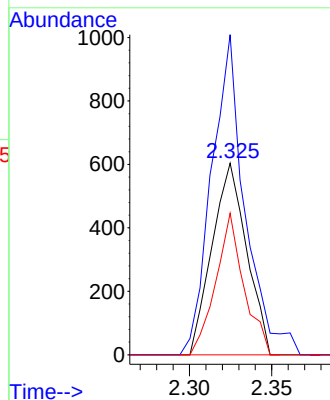
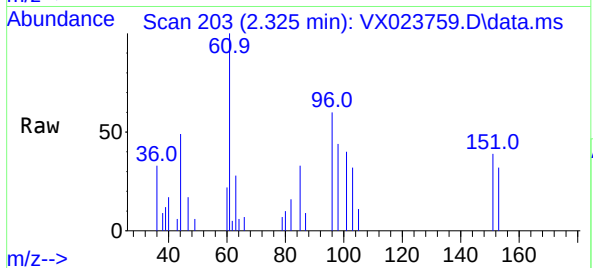
Tgt Ion: 96 Resp: 881

Ion Ratio Lower Upper

96 100

61 167.1 124.6 187.0

98 73.8 50.6 76.0



#13

Acrolein

Concen: 1.776 ug/l

RT: 2.245 min Scan# 190

Delta R.T. 0.000 min

Lab File: VX023759.D

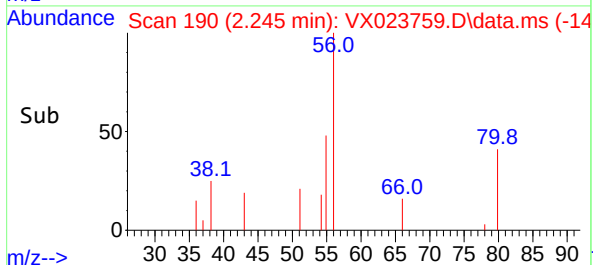
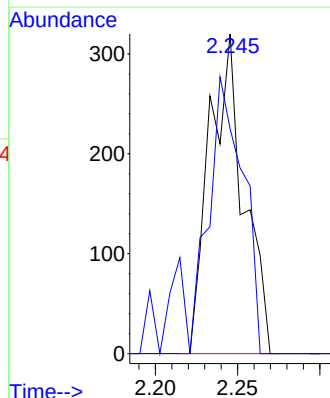
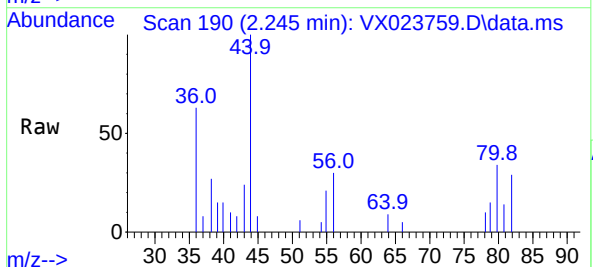
Acq: 17 Aug 2021 11:51

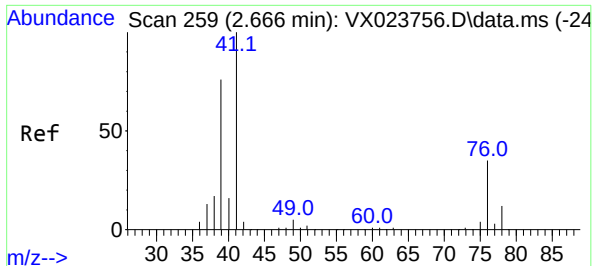
Tgt Ion: 56 Resp: 465

Ion Ratio Lower Upper

56 100

55 86.5 56.4 84.6#

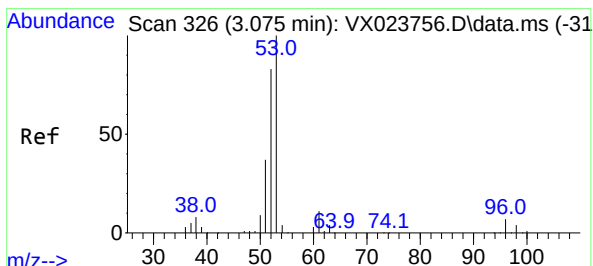
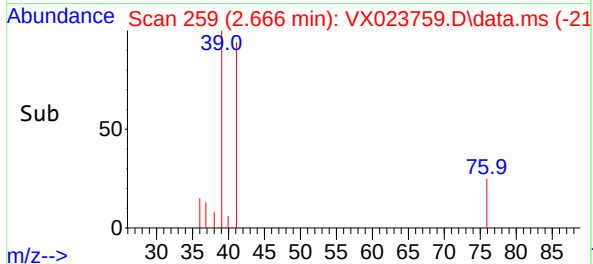
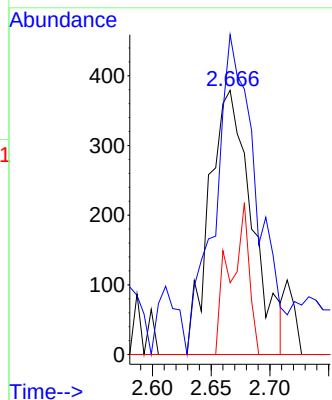
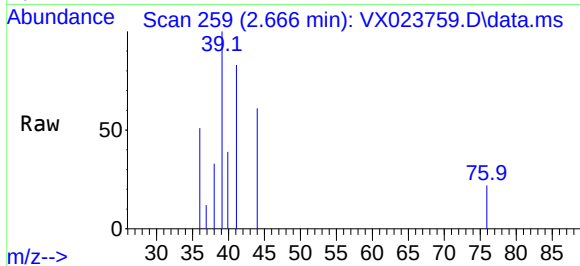




#14
 Allyl chloride
 Concen: 0.345 ug/l
 RT: 2.666 min Scan# 259
 Delta R.T. 0.000 min
 Lab File: VX023759.D
 Acq: 17 Aug 2021 11:51

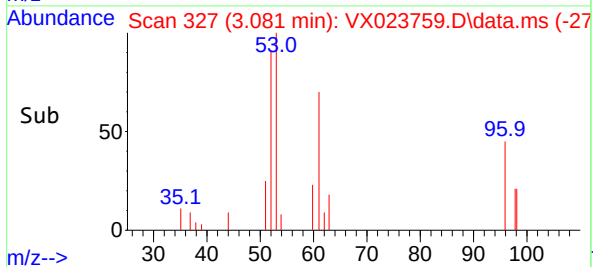
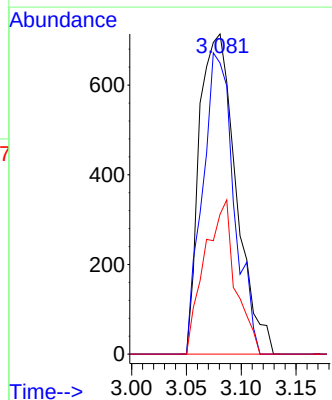
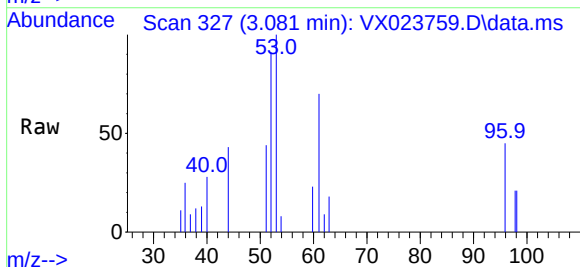
Instrument :
 MSVOA_X
 ClientSampled :
 IBLK

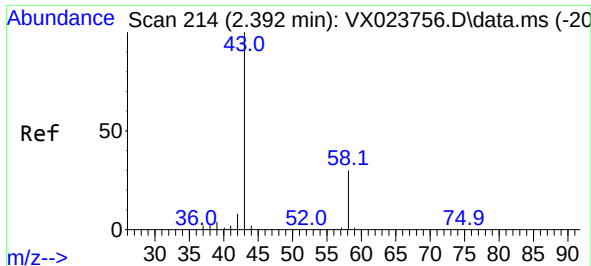
Tgt Ion:	41	Resp:	952
Ion	Ratio	Lower	Upper
41	100		
39	119.2	51.6	77.4#
76	0.0	30.5	45.7#



#15
 Acrylonitrile
 Concen: 1.692 ug/l
 RT: 3.081 min Scan# 327
 Delta R.T. 0.006 min
 Lab File: VX023759.D
 Acq: 17 Aug 2021 11:51

Tgt Ion:	53	Resp:	1659
Ion	Ratio	Lower	Upper
53	100		
52	81.0	65.3	97.9
51	40.6	28.2	42.2

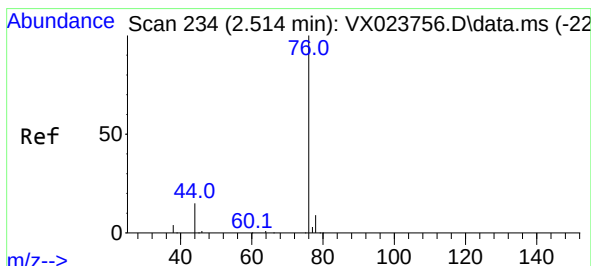
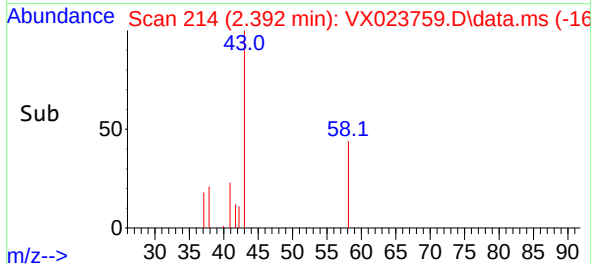
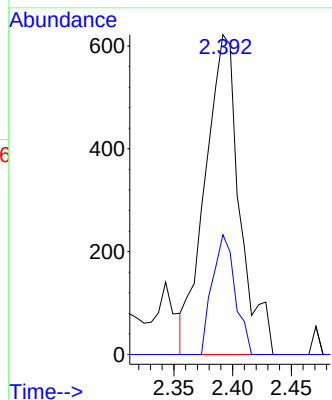
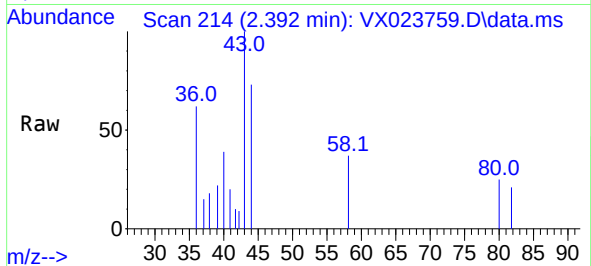




#16
Acetone
Concen: 1.306 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX023759.D
Acq: 17 Aug 2021 11:51

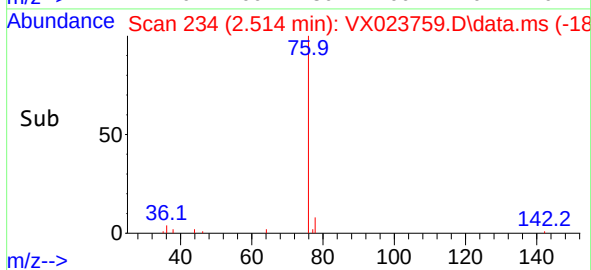
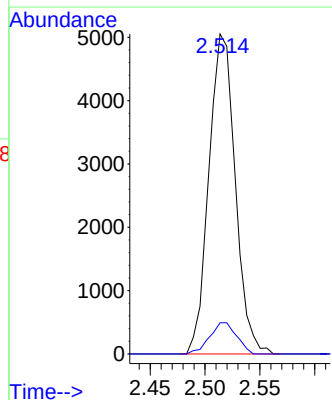
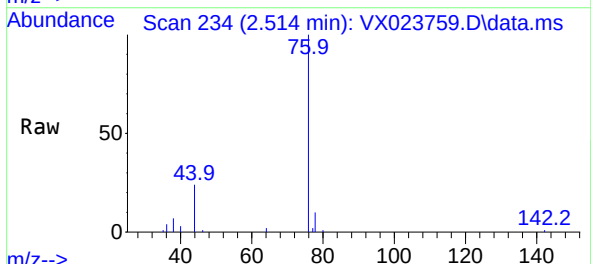
Instrument :
MSVOA_X
ClientSampleId :
IBLK

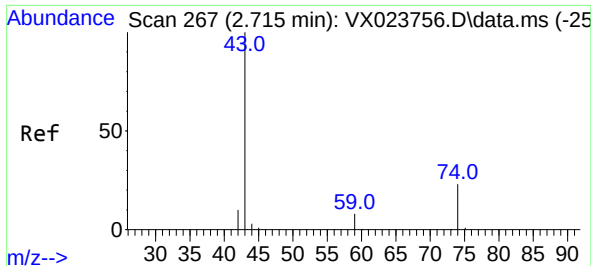
Tgt Ion: 43 Resp: 1271
Ion Ratio Lower Upper
43 100
58 37.5 27.8 41.8



#17
Carbon Disulfide
Concen: 2.372 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX023759.D
Acq: 17 Aug 2021 11:51

Tgt Ion: 76 Resp: 8466
Ion Ratio Lower Upper
76 100
78 9.7 7.2 10.8

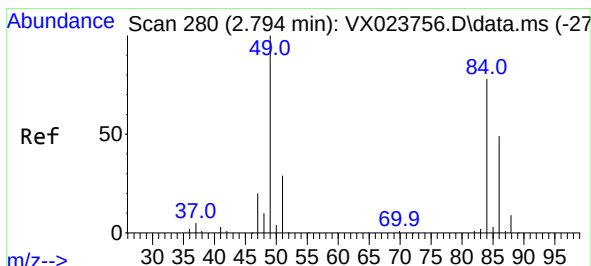
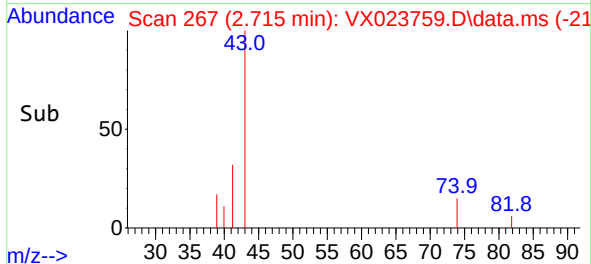
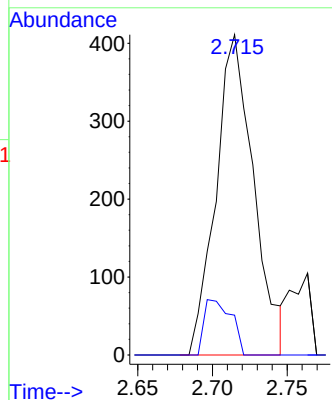
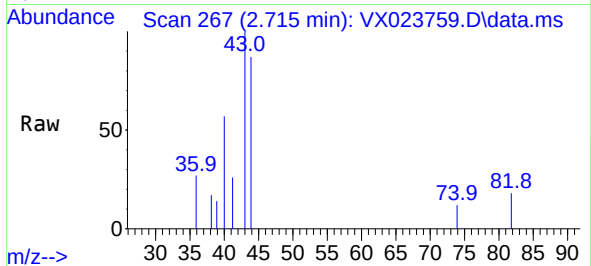




#18
Methyl Acetate
Concen: 0.297 ug/l
RT: 2.715 min Scan# 267
Delta R.T. -0.000 min
Lab File: VX023759.D
Acq: 17 Aug 2021 11:51

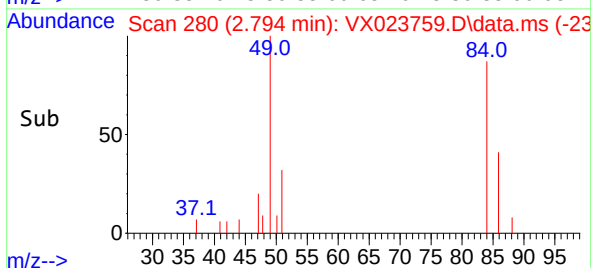
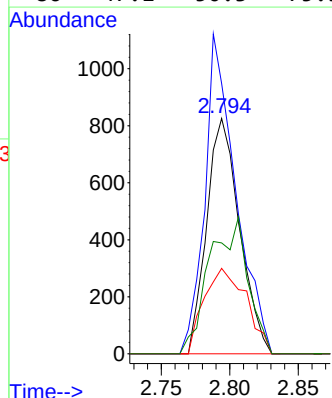
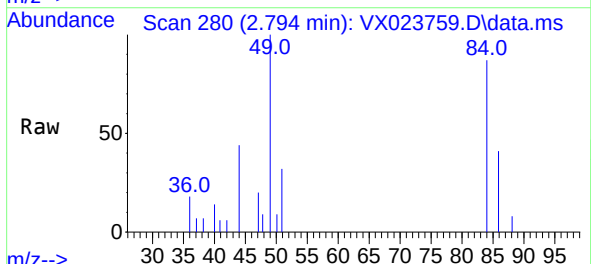
Instrument :
MSVOA_X
ClientSampled :
IBLK

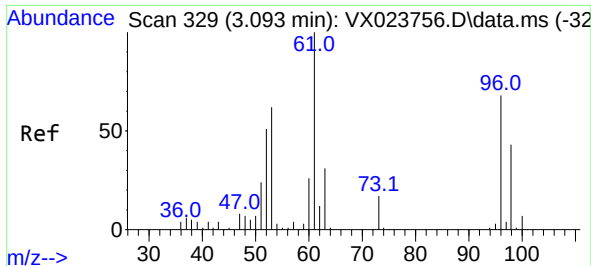
Tgt Ion: 43 Resp: 721
Ion Ratio Lower Upper
43 100
74 12.3 21.9 32.9#



#20
Methylene Chloride
Concen: 0.741 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023759.D
Acq: 17 Aug 2021 11:51

Tgt Ion: 84 Resp: 1378
Ion Ratio Lower Upper
84 100
49 114.8 88.6 132.8
51 36.3 27.0 40.6
86 47.1 50.3 75.5#

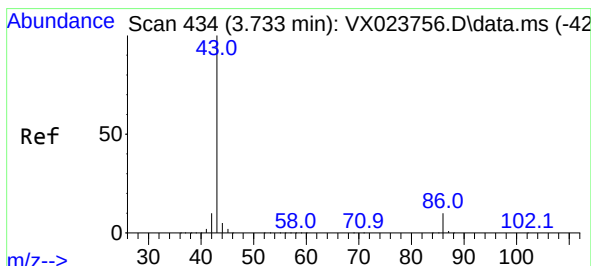
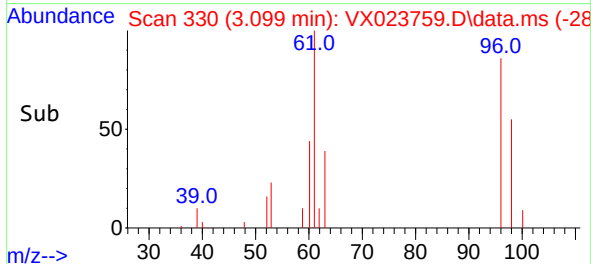
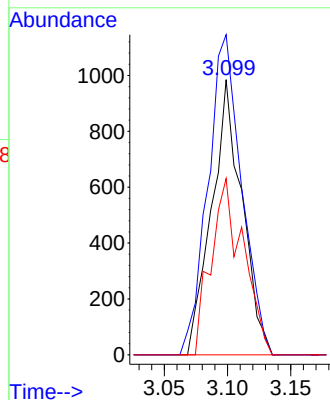
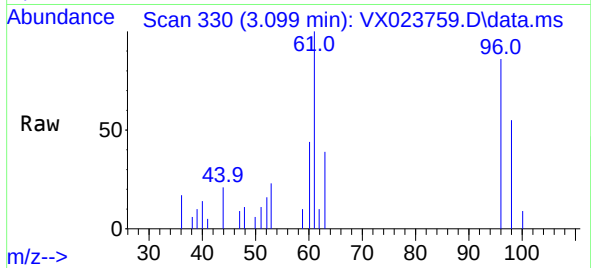




#21
trans-1,2-Dichloroethene
Concen: 1.030 ug/l
RT: 3.099 min Scan# 330
Delta R.T. 0.006 min
Lab File: VX023759.D
Acq: 17 Aug 2021 11:51

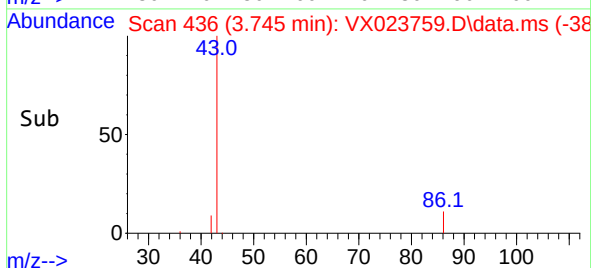
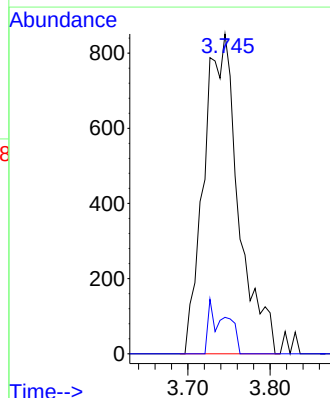
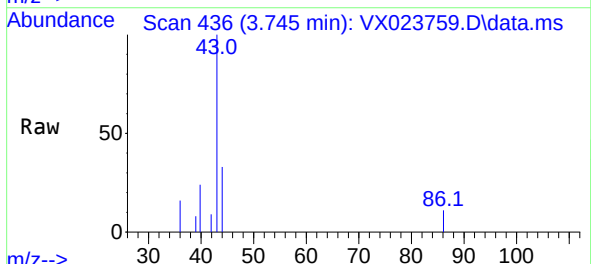
Instrument :
MSVOA_X
ClientSampled :
IBLK

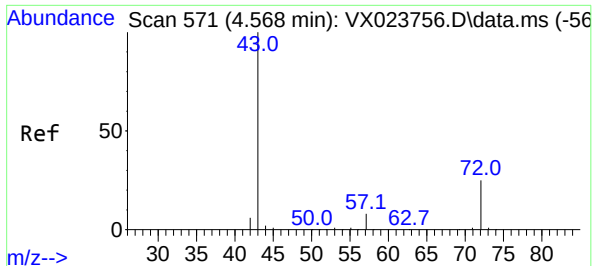
Tgt Ion: 96 Resp: 1646
Ion Ratio Lower Upper
96 100
61 116.3 107.7 161.5
98 64.1 50.4 75.6



#23
Vinyl Acetate
Concen: 0.558 ug/l
RT: 3.745 min Scan# 436
Delta R.T. 0.012 min
Lab File: VX023759.D
Acq: 17 Aug 2021 11:51

Tgt Ion: 43 Resp: 2479
Ion Ratio Lower Upper
43 100
86 11.4 9.9 14.9

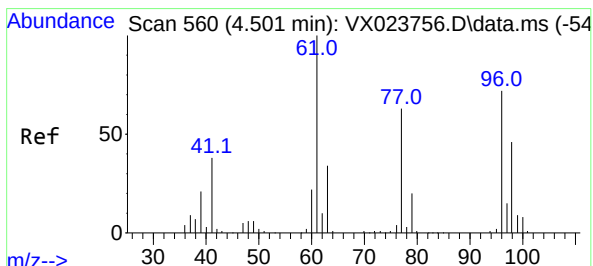
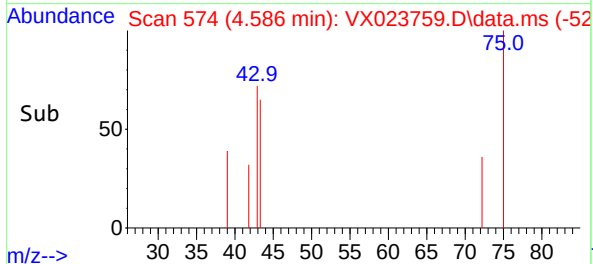
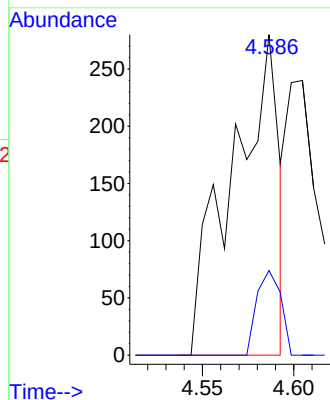
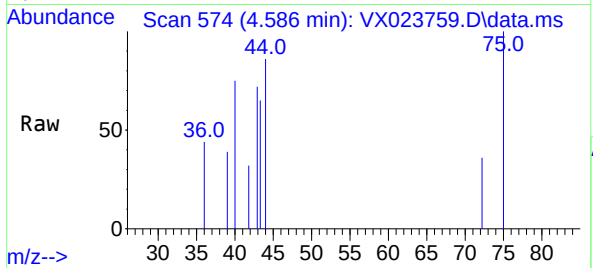




#25
2-Butanone
Concen: 0.339 ug/l
RT: 4.586 min Scan# 574
Delta R.T. 0.018 min
Lab File: VX023759.D
Acq: 17 Aug 2021 11:51

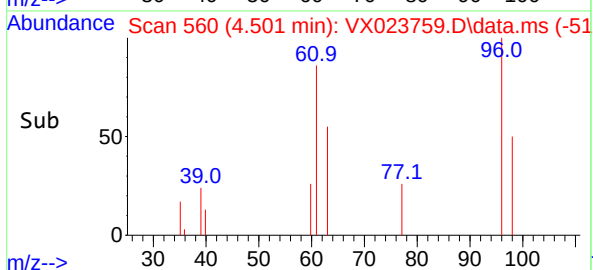
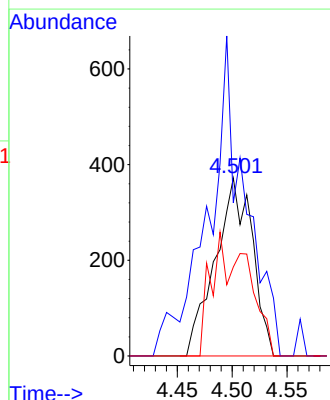
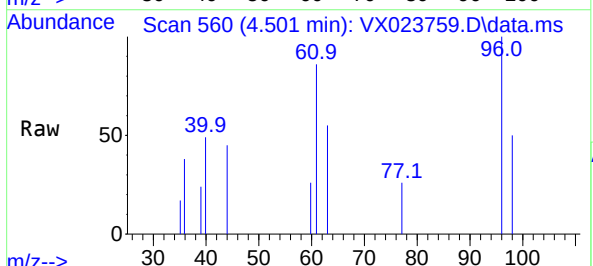
Instrument :
MSVOA_X
ClientSampled :
IBLK

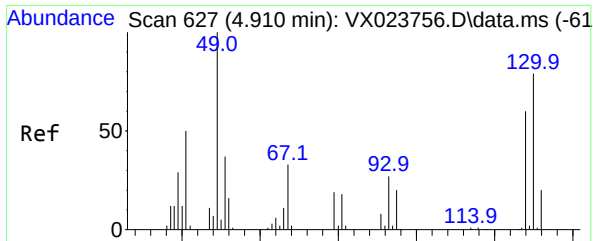
Tgt Ion: 43 Resp: 499
Ion Ratio Lower Upper
43 100
72 26.4 23.7 35.5



#27
cis-1,2-Dichloroethene
Concen: 0.462 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.000 min
Lab File: VX023759.D
Acq: 17 Aug 2021 11:51

Tgt Ion: 96 Resp: 878
Ion Ratio Lower Upper
96 100
61 178.2 0.0 285.6
98 30.3 0.0 129.6

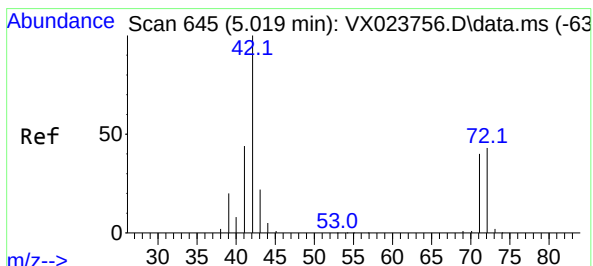
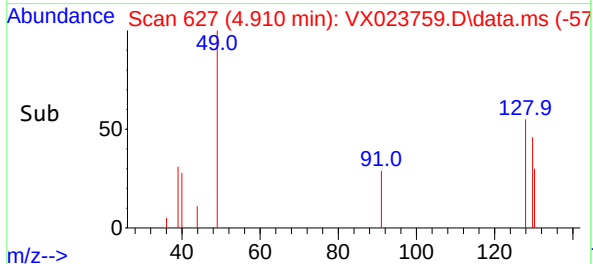
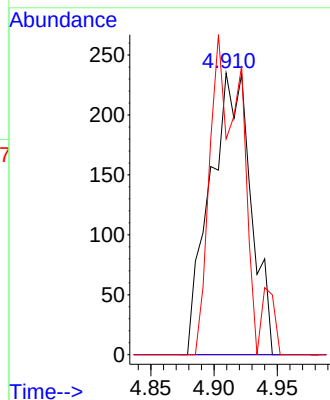
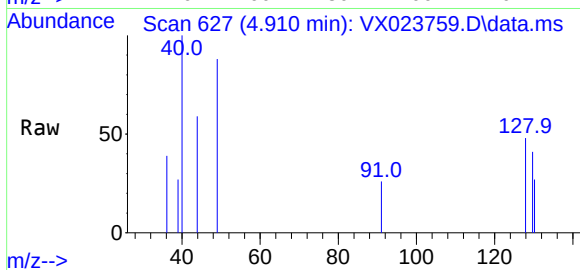




#28
Bromochloromethane
Concen: 0.381 ug/l
RT: 4.910 min Scan# 627
Delta R.T. -0.000 min
Lab File: VX023759.D
Acq: 17 Aug 2021 11:51

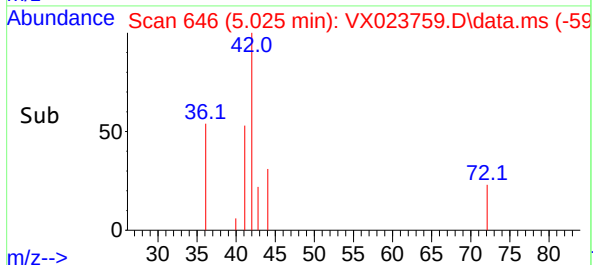
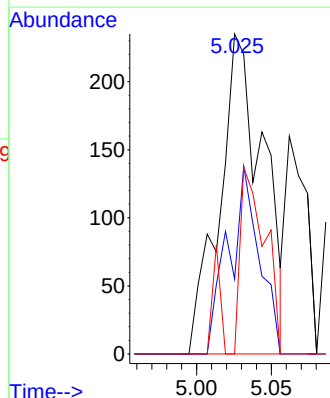
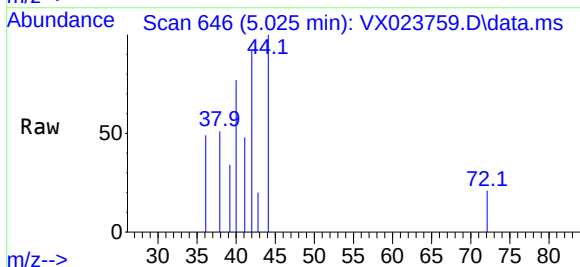
Instrument :
MSVOA_X
ClientSampleId :
IBLK

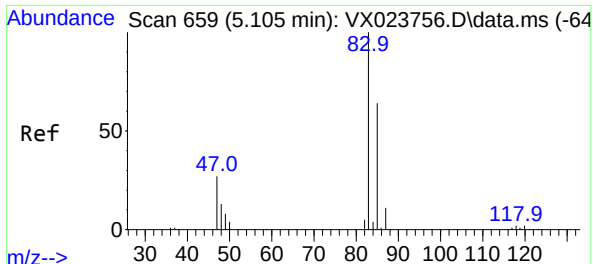
Tgt Ion: 49 Resp: 529
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 84.1 68.2 102.2



#29
Tetrahydrofuran
Concen: 0.501 ug/l
RT: 5.025 min Scan# 646
Delta R.T. 0.006 min
Lab File: VX023759.D
Acq: 17 Aug 2021 11:51

Tgt Ion: 42 Resp: 478
Ion Ratio Lower Upper
42 100
72 41.2 41.7 62.5#
71 32.4 38.4 57.6#





#30

Chloroform

Concen: 0.221 ug/l

RT: 5.111 min Scan# 660

Delta R.T. 0.006 min

Lab File: VX023759.D

Acq: 17 Aug 2021 11:51

Instrument :

MSVOA_X

ClientSampleId :

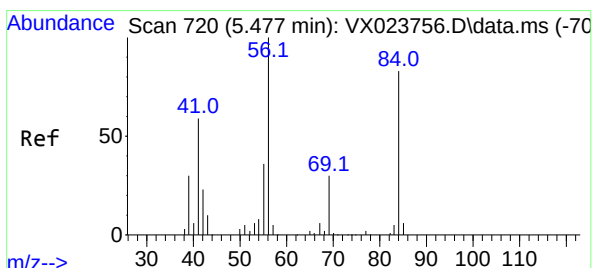
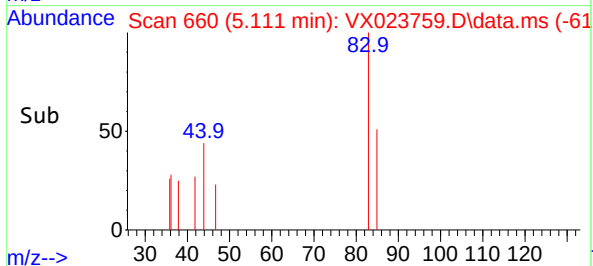
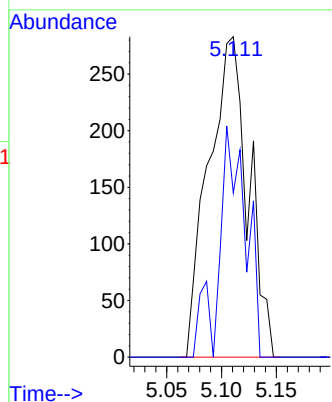
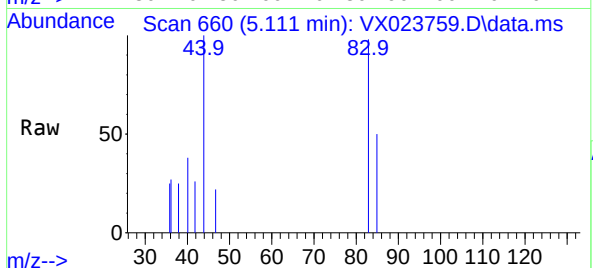
IBLK

Tgt Ion: 83 Resp: 714

Ion Ratio Lower Upper

83 100

85 51.2 52.0 78.0#



#31

Cyclohexane

Concen: 0.445 ug/l

RT: 5.477 min Scan# 720

Delta R.T. -0.000 min

Lab File: VX023759.D

Acq: 17 Aug 2021 11:51

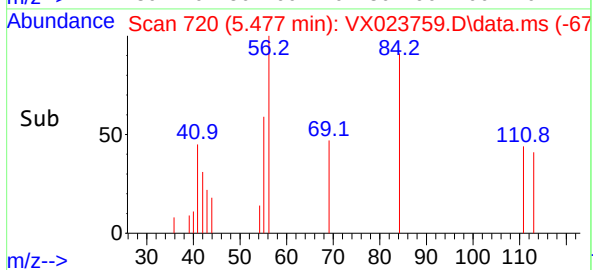
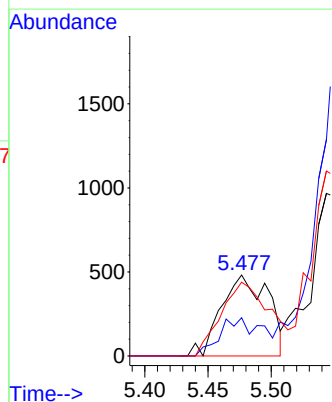
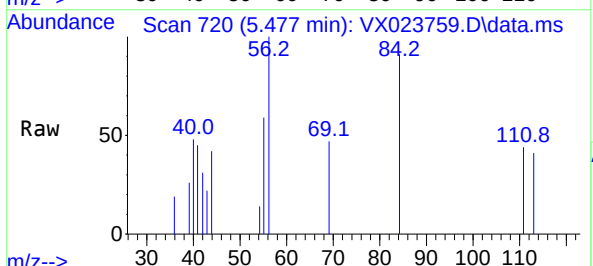
Tgt Ion: 56 Resp: 1245

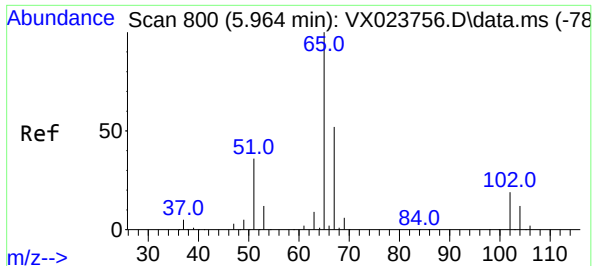
Ion Ratio Lower Upper

56 100

69 47.3 25.3 37.9#

84 91.1 71.4 107.0



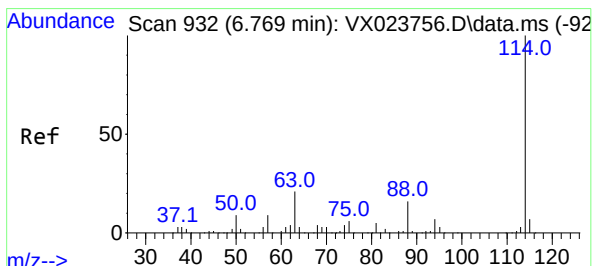
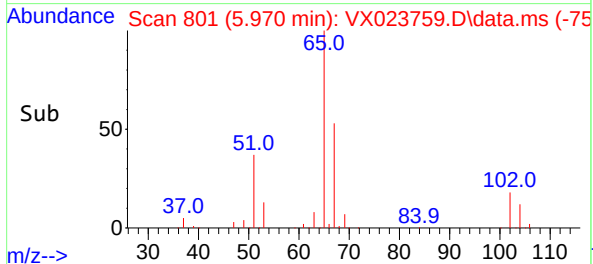
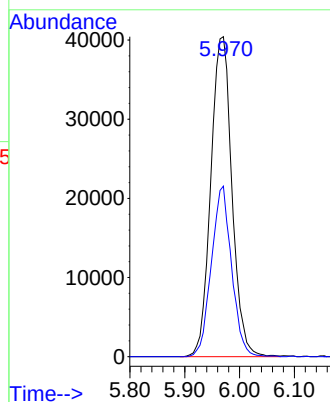
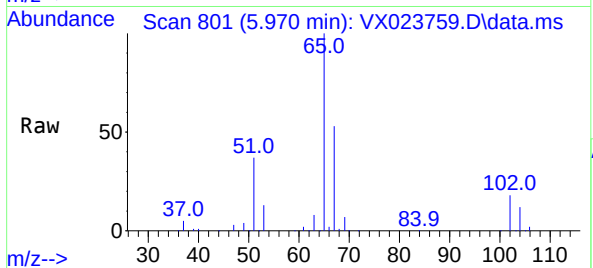


#33

1,2-Dichloroethane-d4
Concen: 49.744 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX023759.D
Acq: 17 Aug 2021 11:51

Instrument :
MSVOA_X
ClientSampled :
IBLK

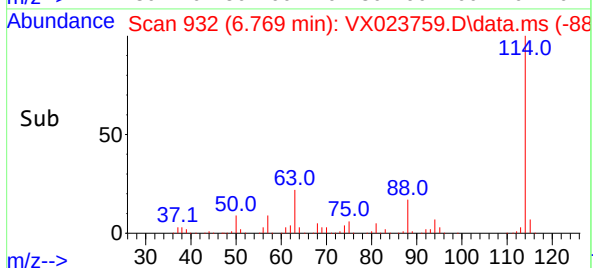
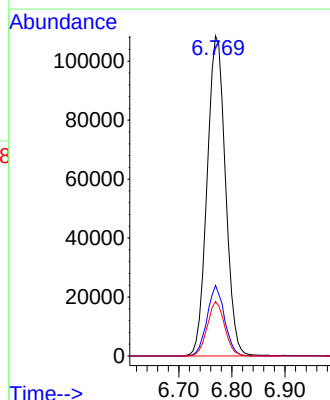
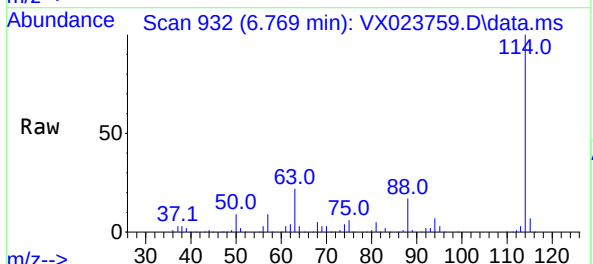
Tgt Ion: 65 Resp: 108239
Ion Ratio Lower Upper
65 100
67 50.9 0.0 105.4

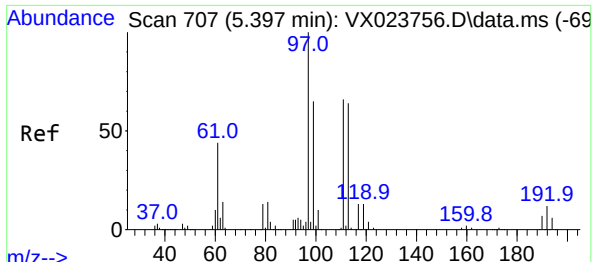


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023759.D
Acq: 17 Aug 2021 11:51

Tgt Ion: 114 Resp: 261012
Ion Ratio Lower Upper
114 100
63 22.0 0.0 40.8
88 17.0 0.0 32.8

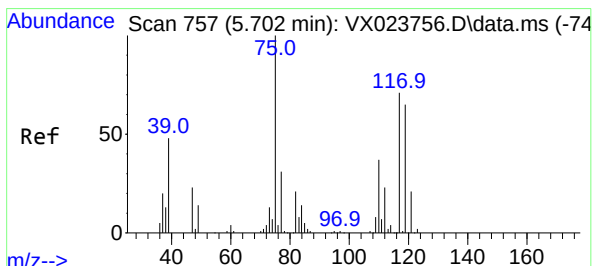
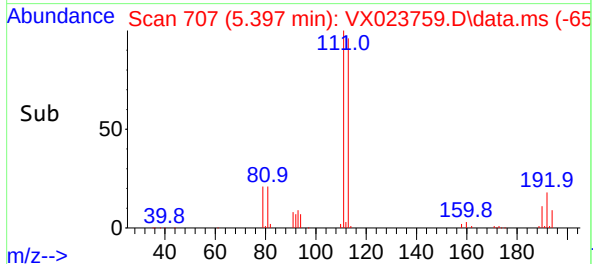
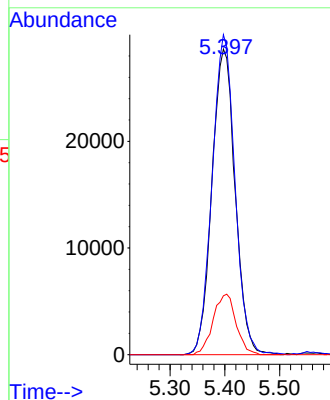
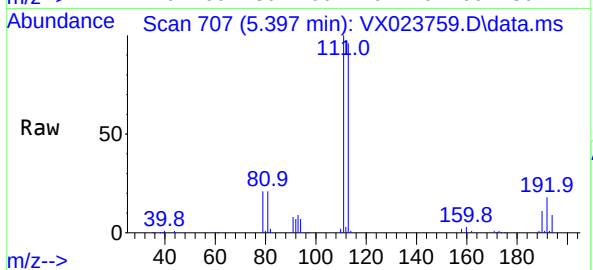




#35
Dibromofluoromethane
Concen: 48.700 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023759.D
Acq: 17 Aug 2021 11:51

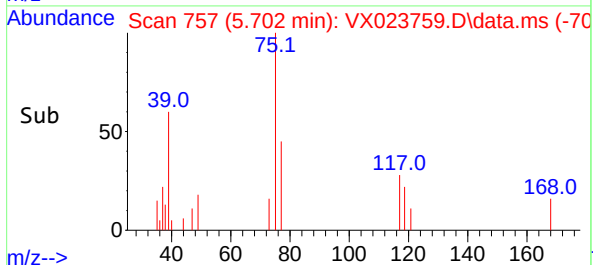
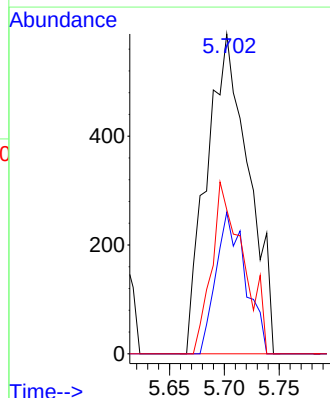
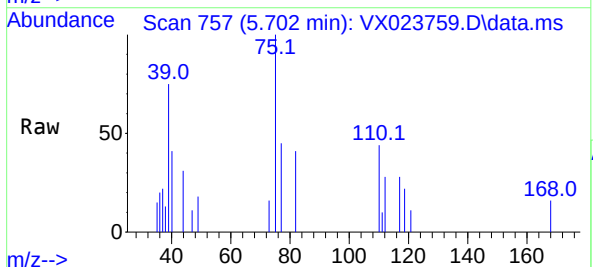
Instrument :
MSVOA_X
ClientSampleId :
IBLK

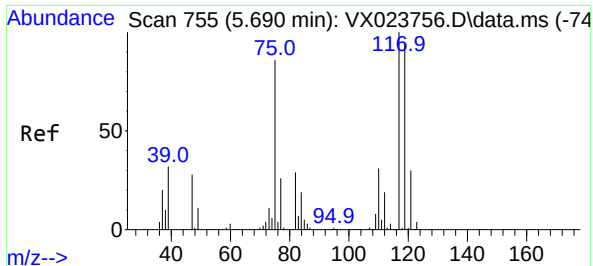
Tgt Ion:113 Resp: 84132
Ion Ratio Lower Upper
113 100
111 103.0 81.9 122.9
192 19.6 16.7 25.1



#36
1,1-Dichloropropene
Concen: 0.645 ug/l
RT: 5.702 min Scan# 757
Delta R.T. 0.000 min
Lab File: VX023759.D
Acq: 17 Aug 2021 11:51

Tgt Ion: 75 Resp: 1559
Ion Ratio Lower Upper
75 100
110 31.3 18.1 54.4
77 40.3 25.3 37.9#

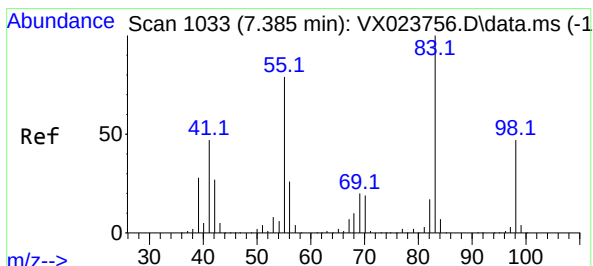
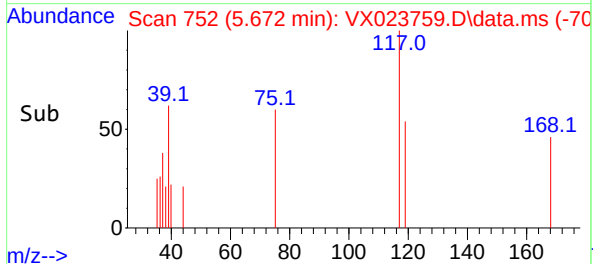
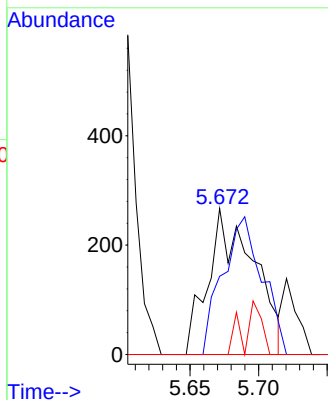
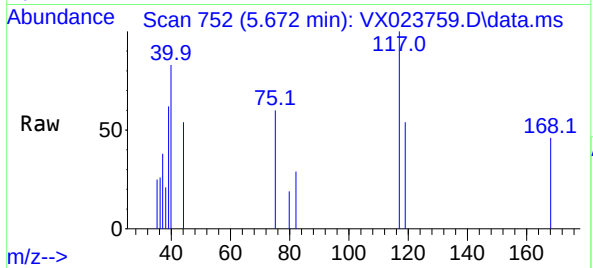




#38
Carbon Tetrachloride
Concen: 0.246 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.018 min
Lab File: VX023759.D
Acq: 17 Aug 2021 11:51

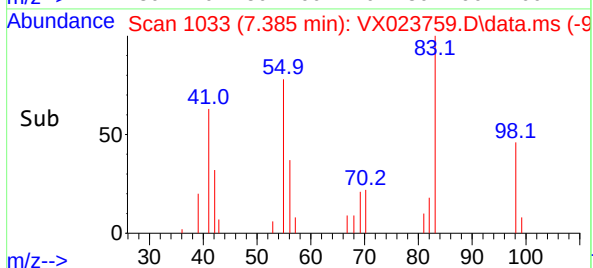
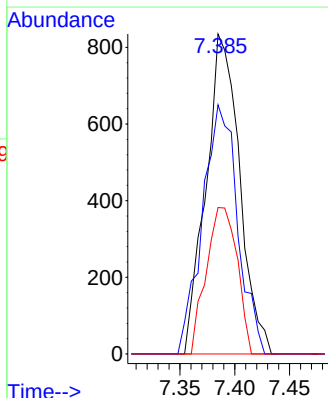
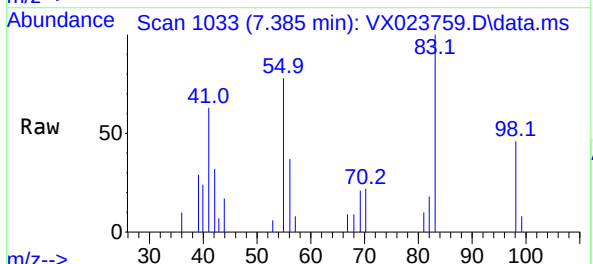
Instrument :
MSVOA_X
ClientSampleId :
IBLK

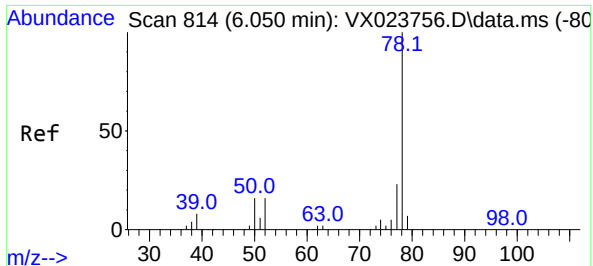
Tgt Ion:117 Resp: 621
Ion Ratio Lower Upper
117 100
119 53.6 76.2 114.2#
121 0.0 24.8 37.2#



#39
Methylcyclohexane
Concen: 0.605 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX023759.D
Acq: 17 Aug 2021 11:51

Tgt Ion: 83 Resp: 1780
Ion Ratio Lower Upper
83 100
55 77.8 58.9 88.3
98 45.7 38.1 57.1

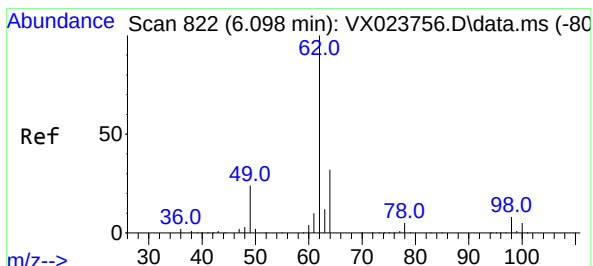
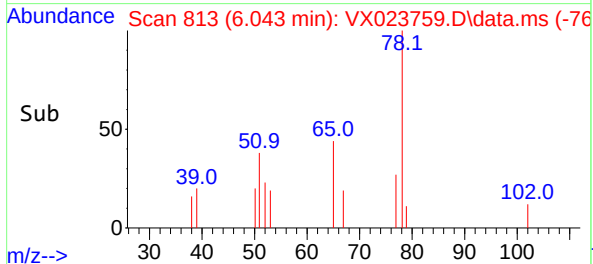
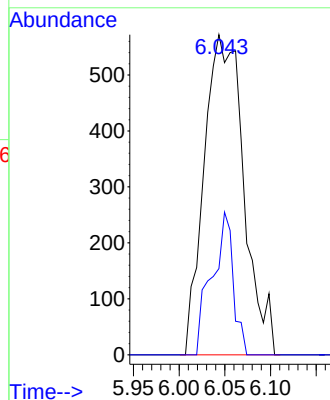
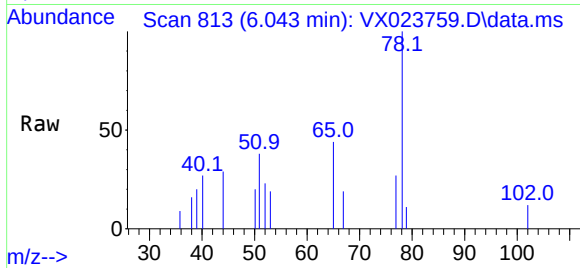




#40
Benzene
Concen: 0.241 ug/l
RT: 6.043 min Scan# 813
Delta R.T. -0.007 min
Lab File: VX023759.D
Acq: 17 Aug 2021 11:51

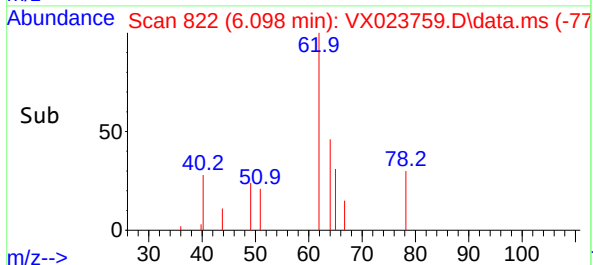
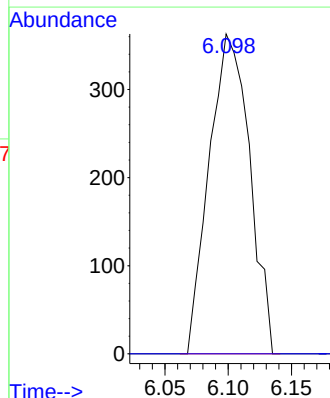
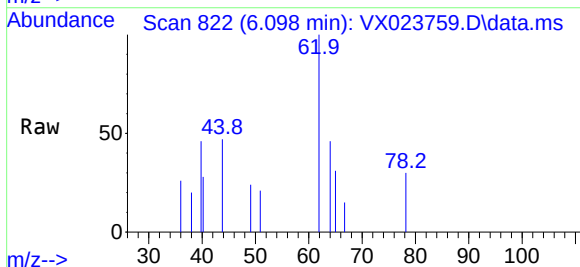
Instrument :
MSVOA_X
ClientSampled :
IBLK

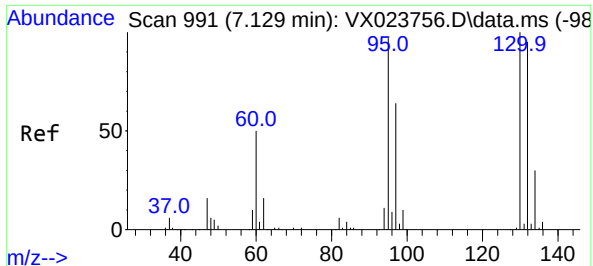
Tgt Ion: 78 Resp: 1722
Ion Ratio Lower Upper
78 100
77 26.9 18.9 28.3



#42
1,2-Dichloroethane
Concen: 0.288 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.000 min
Lab File: VX023759.D
Acq: 17 Aug 2021 11:51

Tgt Ion: 62 Resp: 809
Ion Ratio Lower Upper
62 100
98 0.0 0.0 20.2

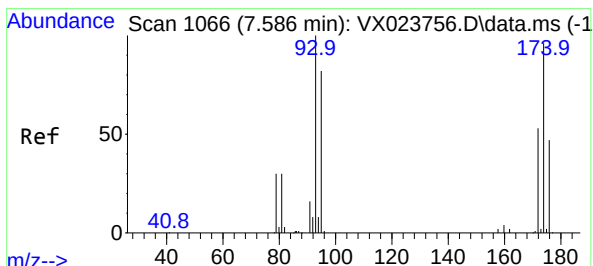
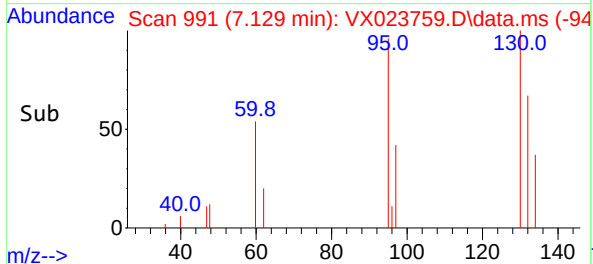
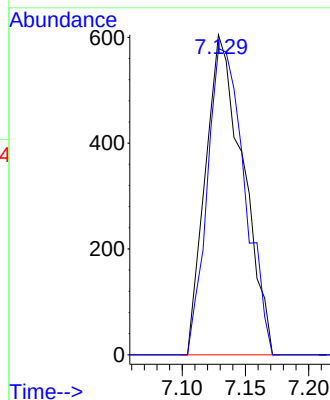
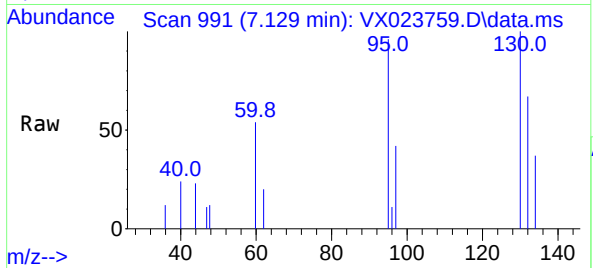




#44
Trichloroethene
Concen: 0.633 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX023759.D
Acq: 17 Aug 2021 11:51

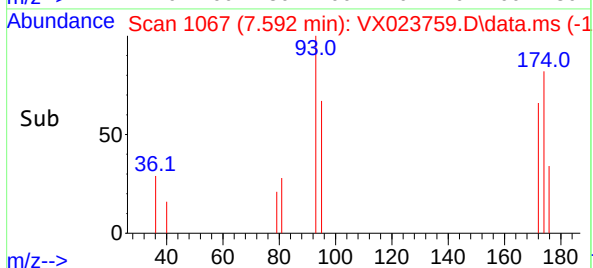
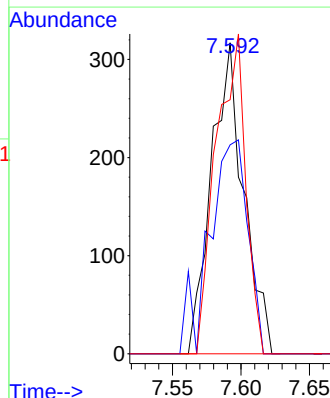
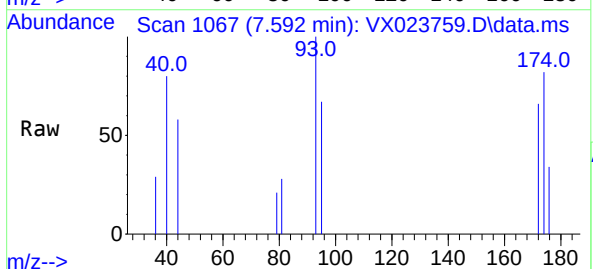
Instrument :
MSVOA_X
ClientSampled :
IBLK

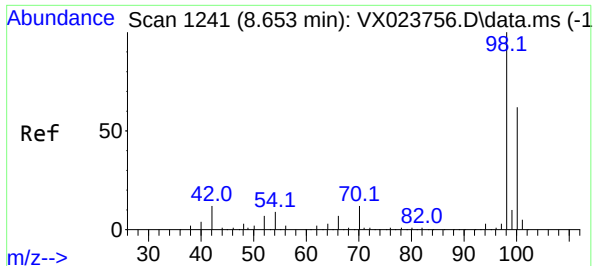
Tgt Ion:130 Resp: 1249
Ion Ratio Lower Upper
130 100
95 95.7 0.0 198.0



#46
Dibromomethane
Concen: 0.392 ug/l
RT: 7.592 min Scan# 1067
Delta R.T. 0.006 min
Lab File: VX023759.D
Acq: 17 Aug 2021 11:51

Tgt Ion: 93 Resp: 518
Ion Ratio Lower Upper
93 100
95 82.2 66.8 100.2
174 94.6 83.1 124.7

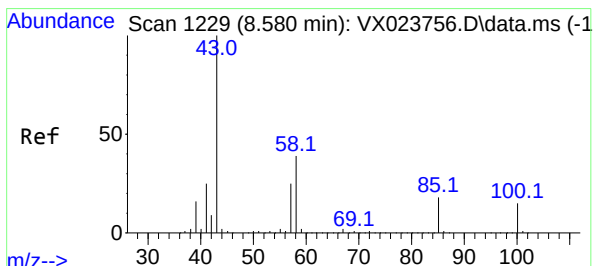
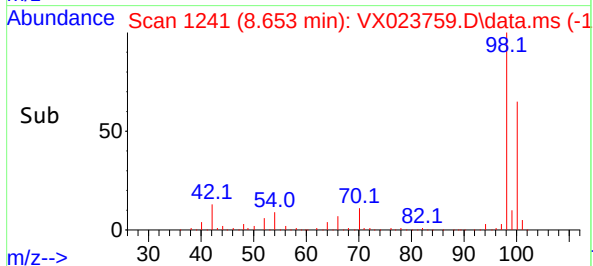
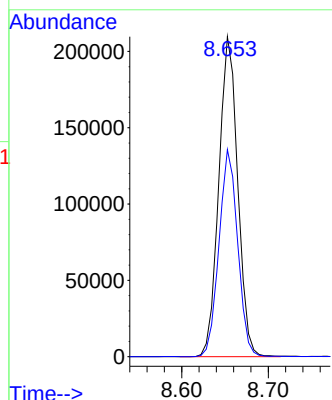
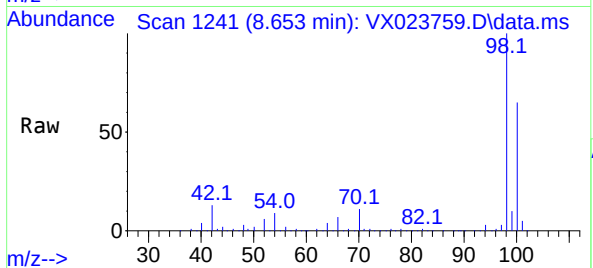




#50
Toluene-d8
Concen: 48.370 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023759.D
Acq: 17 Aug 2021 11:51

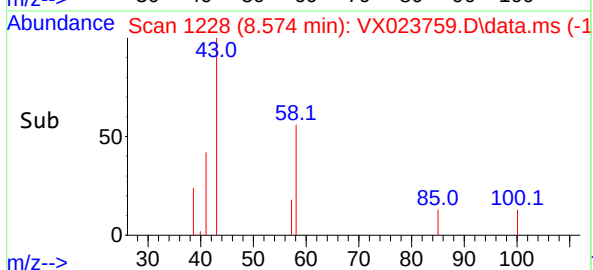
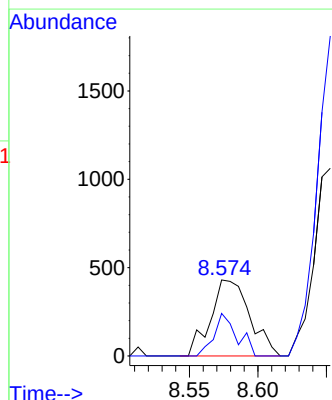
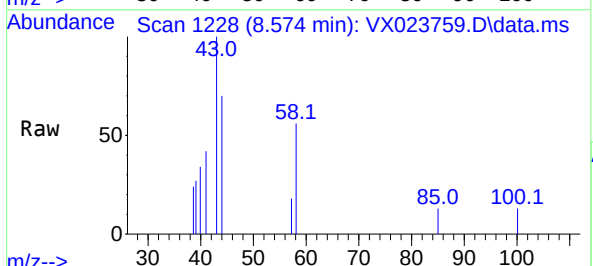
Instrument :
MSVOA_X
ClientSampleId :
IBLK

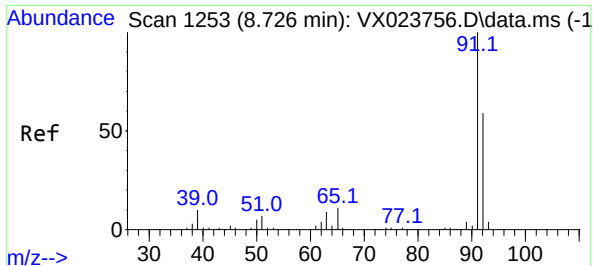
Tgt Ion: 98 Resp: 318044
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.286 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VX023759.D
Acq: 17 Aug 2021 11:51

Tgt Ion: 43 Resp: 858
Ion Ratio Lower Upper
43 100
58 32.6 35.4 53.0#

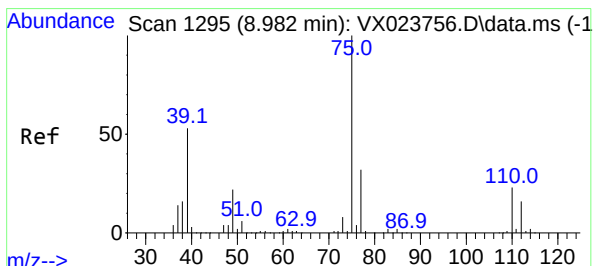
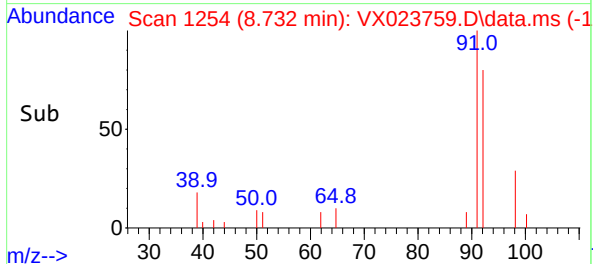
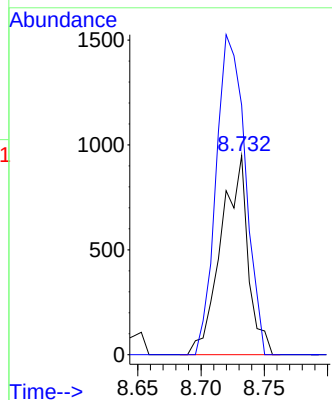
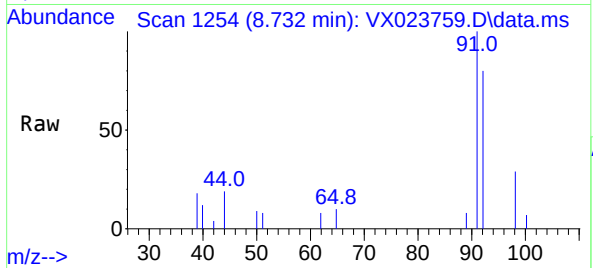




#52
Toluene
Concen: 0.305 ug/l
RT: 8.732 min Scan# 1254
Delta R.T. 0.006 min
Lab File: VX023759.D
Acq: 17 Aug 2021 11:51

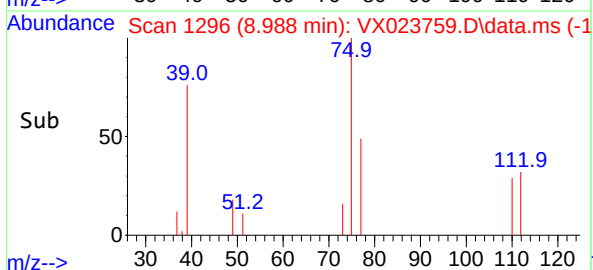
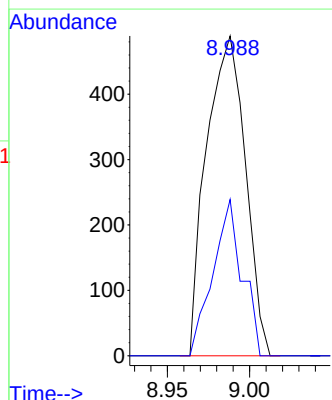
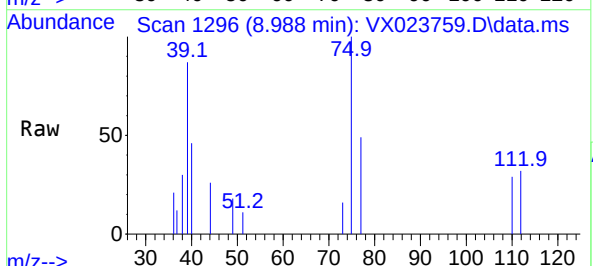
Instrument :
MSVOA_X
ClientSampled :
IBLK

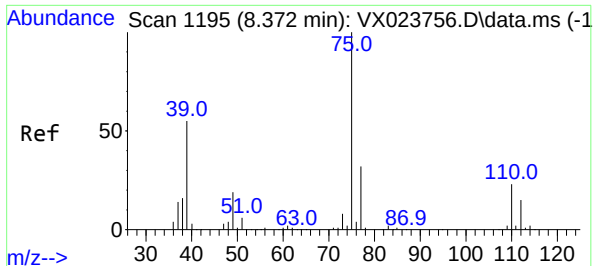
Tgt Ion: 92 Resp: 1414
Ion Ratio Lower Upper
92 100
91 172.8 137.1 205.7



#53
t-1,3-Dichloropropene
Concen: 2.386 ug/l
RT: 8.988 min Scan# 1296
Delta R.T. 0.006 min
Lab File: VX023759.D
Acq: 17 Aug 2021 11:51

Tgt Ion: 75 Resp: 803
Ion Ratio Lower Upper
75 100
77 48.9 24.9 37.3#

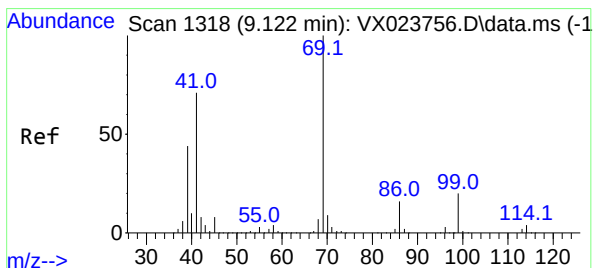
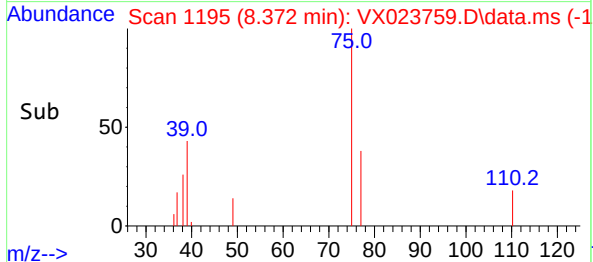
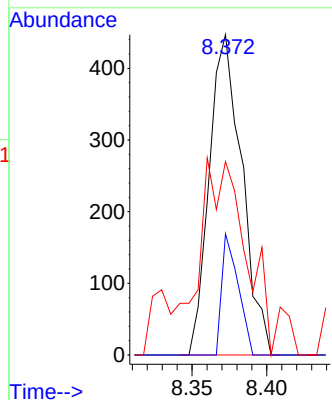
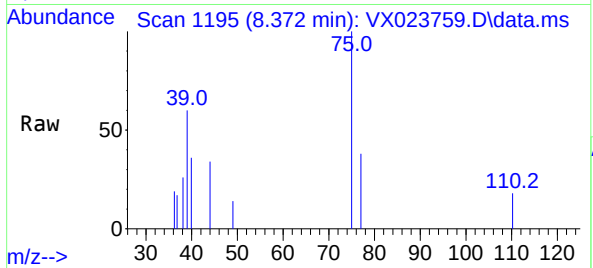




#54
cis-1,3-Dichloropropene
Concen: 0.234 ug/l
RT: 8.372 min Scan# 1195
Delta R.T. 0.000 min
Lab File: VX023759.D
Acq: 17 Aug 2021 11:51

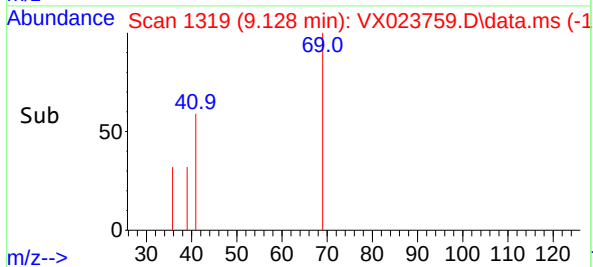
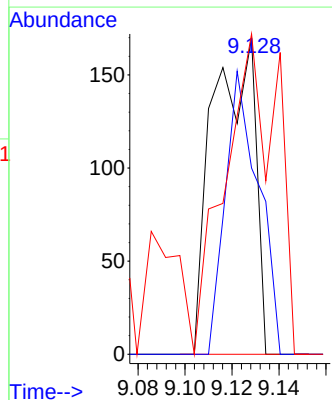
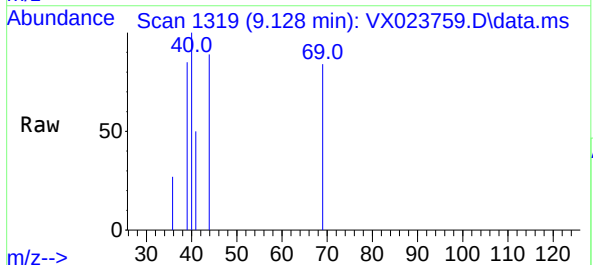
Instrument :
MSVOA_X
ClientSampled :
IBLK

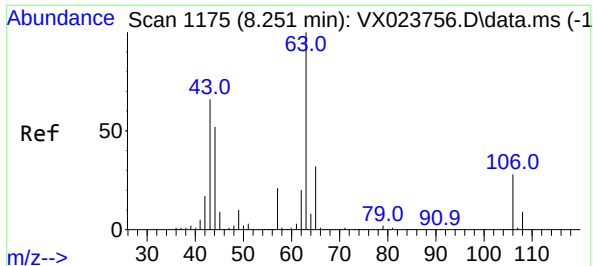
Tgt Ion:	75	Resp:	678
Ion	Ratio	Lower	Upper
75	100		
77	37.8	25.7	38.5
39	45.4	35.1	52.7



#56
Ethyl methacrylate
Concen: 0.824 ug/l
RT: 9.128 min Scan# 1319
Delta R.T. 0.006 min
Lab File: VX023759.D
Acq: 17 Aug 2021 11:51

Tgt Ion:	69	Resp:	212
Ion	Ratio	Lower	Upper
69	100		
41	70.3	46.8	70.2#
39	123.1	24.7	37.1#

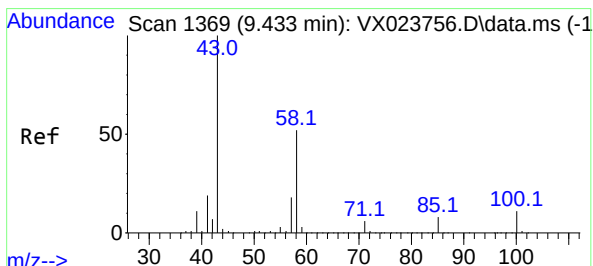
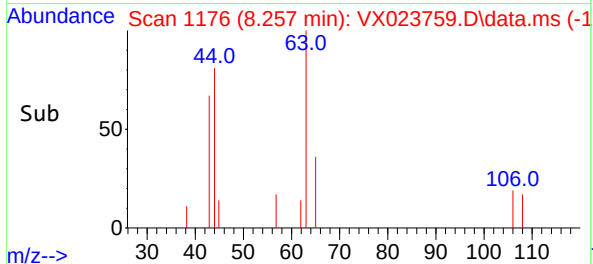
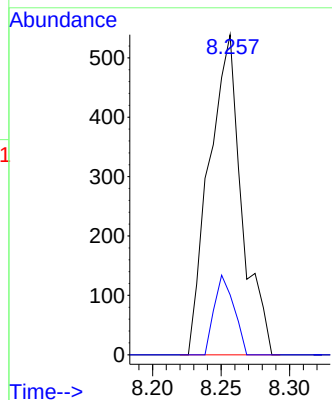
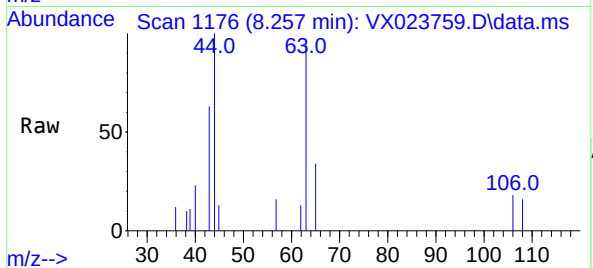




#58
2-Chloroethyl Vinyl ether
Concen: 0.580 ug/l
RT: 8.257 min Scan# 1176
Delta R.T. 0.006 min
Lab File: VX023759.D
Acq: 17 Aug 2021 11:51

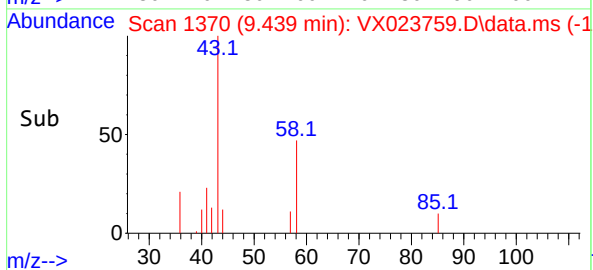
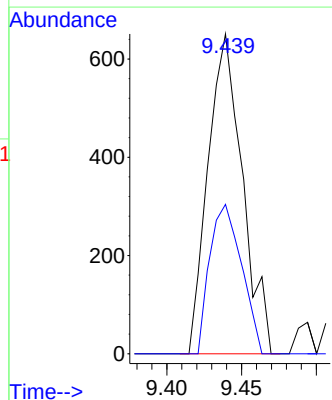
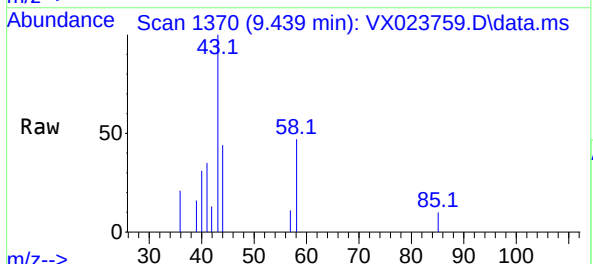
Tgt Ion: 63 Resp: 890
Ion Ratio Lower Upper
63 100
106 14.9 23.5 35.3#

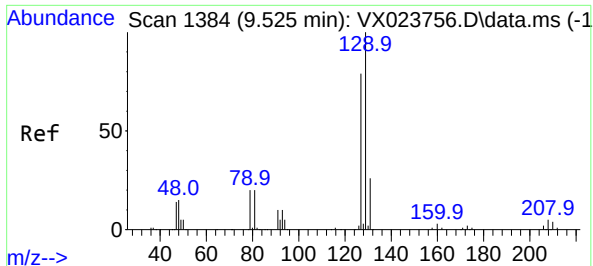
Instrument :
MSVOA_X
ClientSampled :
IBLK



#59
2-Hexanone
Concen: 0.451 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VX023759.D
Acq: 17 Aug 2021 11:51

Tgt Ion: 43 Resp: 1041
Ion Ratio Lower Upper
43 100
58 43.2 30.9 92.8





#60

Dibromochloromethane

Concen: 1.744 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.007 min

Lab File: VX023759.D

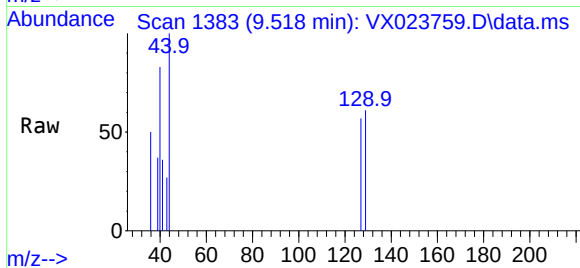
Acq: 17 Aug 2021 11:51

Tgt Ion:129 Resp: 122

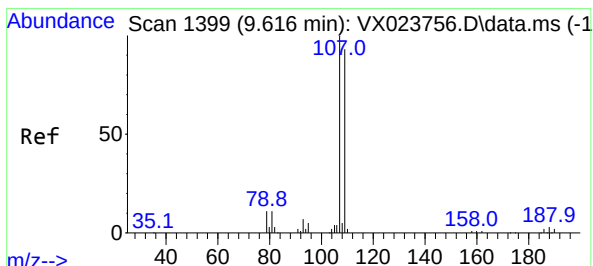
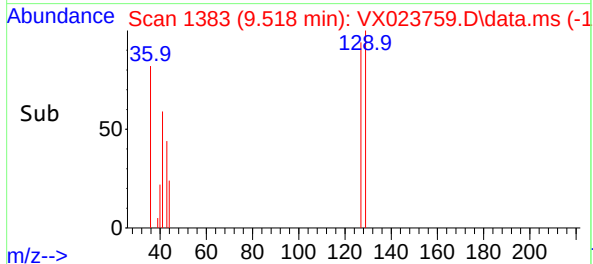
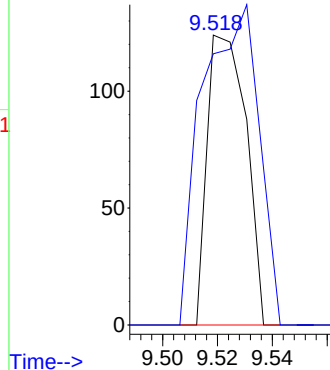
Ion Ratio Lower Upper

129 100

127 159.8 38.4 115.2#



Abundance



#61

1,2-Dibromoethane

Concen: 0.314 ug/l

RT: 9.616 min Scan# 1399

Delta R.T. 0.000 min

Lab File: VX023759.D

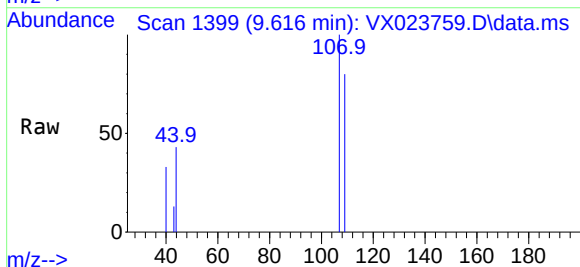
Acq: 17 Aug 2021 11:51

Tgt Ion:107 Resp: 633

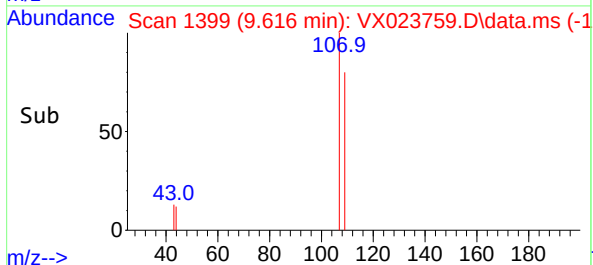
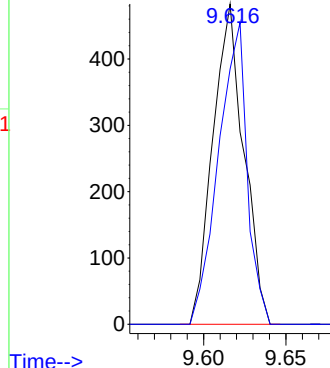
Ion Ratio Lower Upper

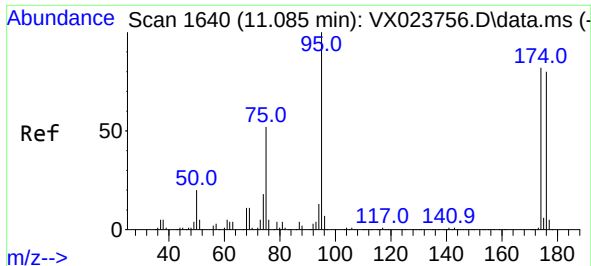
107 100

109 87.0 75.8 113.6



Abundance

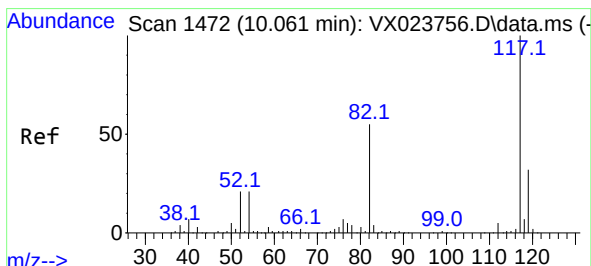
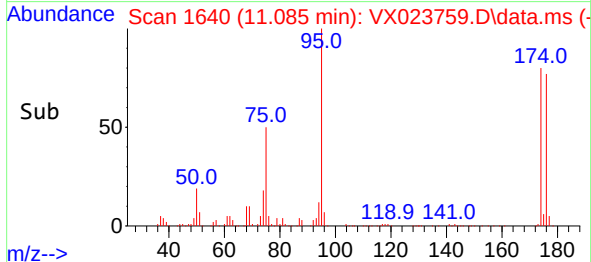
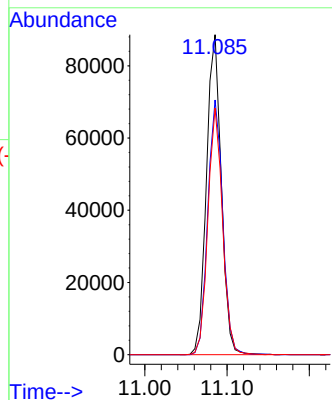
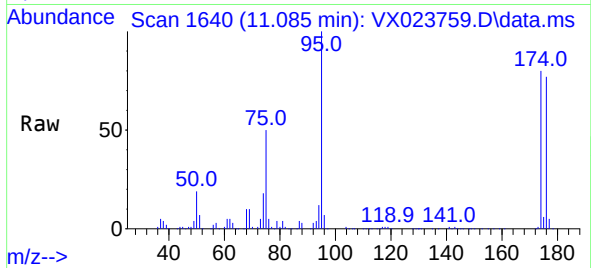




#62
4-Bromofluorobenzene
Concen: 45.814 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023759.D
Acq: 17 Aug 2021 11:51

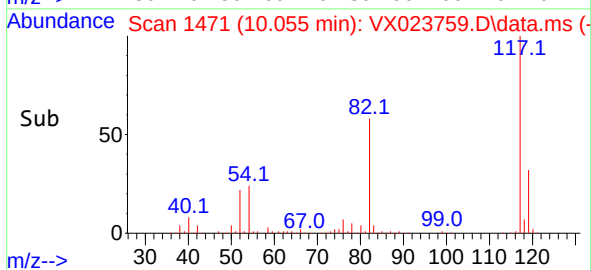
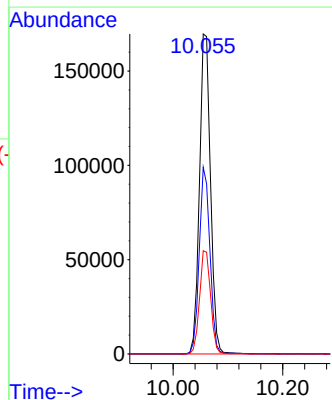
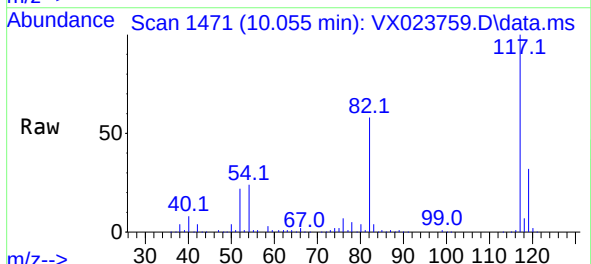
Instrument :
MSVOA_X
ClientSampleId :
IBLK

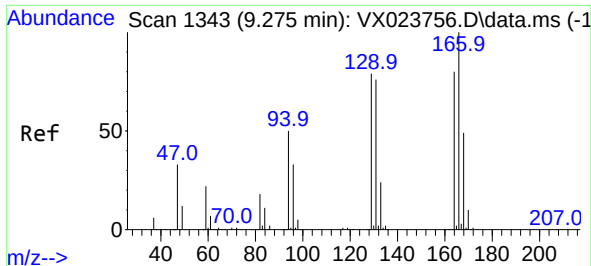
Tgt Ion: 95 Resp: 110894
Ion Ratio Lower Upper
95 100
174 80.4 0.0 154.6
176 76.1 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023759.D
Acq: 17 Aug 2021 11:51

Tgt Ion: 117 Resp: 238113
Ion Ratio Lower Upper
117 100
82 58.3 47.4 71.2
119 32.3 26.6 39.8



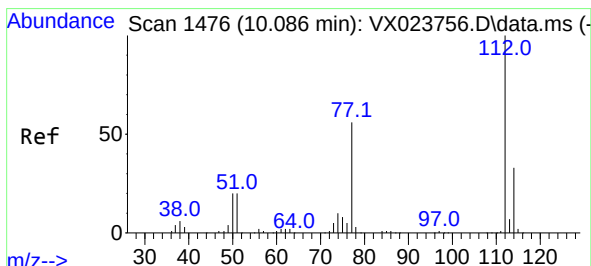
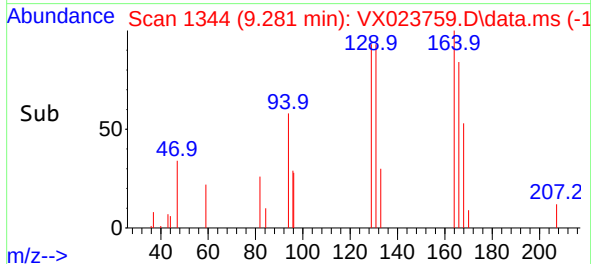
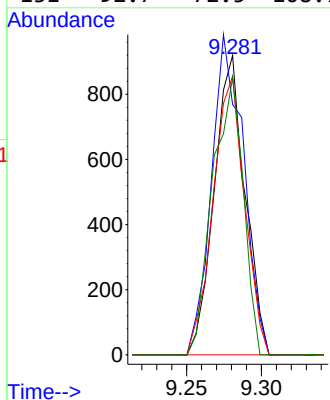
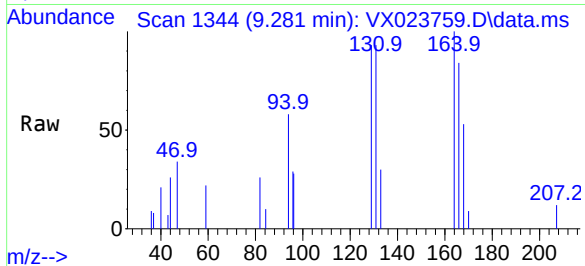


#64
Tetrachloroethene
Concen: 0.692 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX023759.D
Acq: 17 Aug 2021 11:51

Instrument :
MSVOA_X
ClientSampled :
IBLK

Tgt Ion:164 Resp: 1316

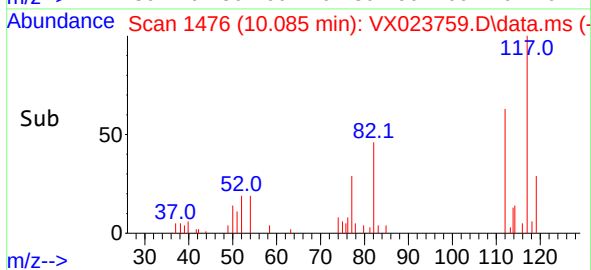
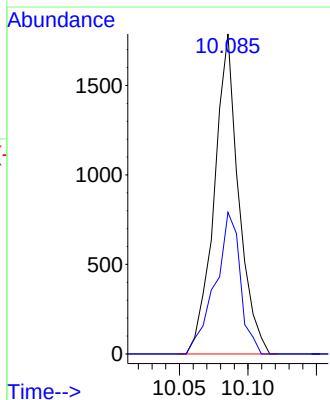
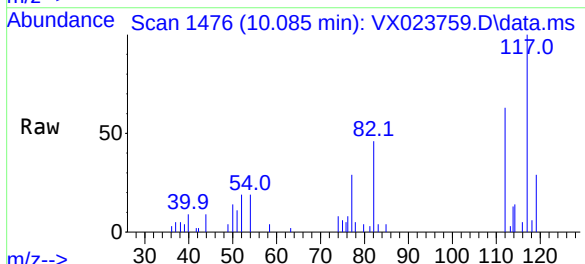
Ion	Ratio	Lower	Upper
164	100		
166	83.7	103.4	155.2#
129	93.1	70.8	106.2
131	92.7	72.5	108.7

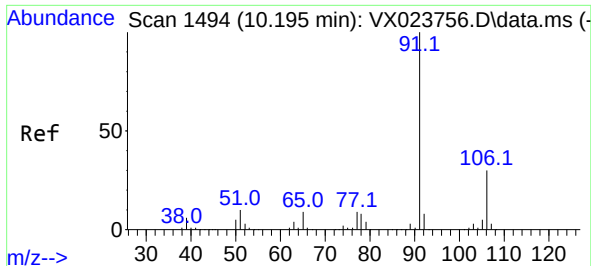


#65
Chlorobenzene
Concen: 0.446 ug/l
RT: 10.085 min Scan# 1476
Delta R.T. -0.001 min
Lab File: VX023759.D
Acq: 17 Aug 2021 11:51

Tgt Ion:112 Resp: 2215

Ion	Ratio	Lower	Upper
112	100		
114	44.2	25.8	38.6#

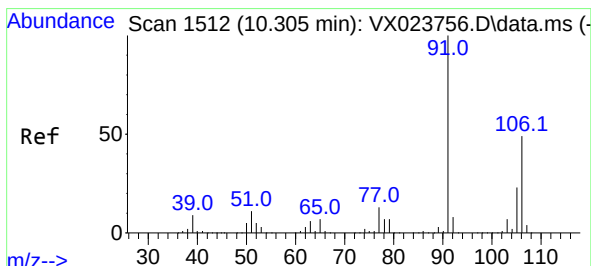
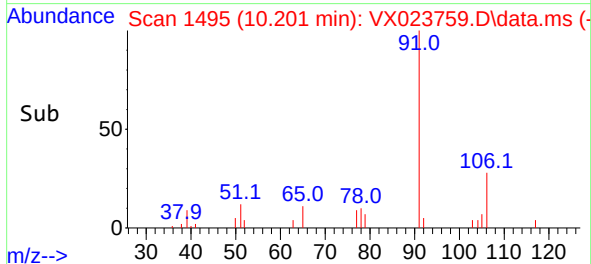
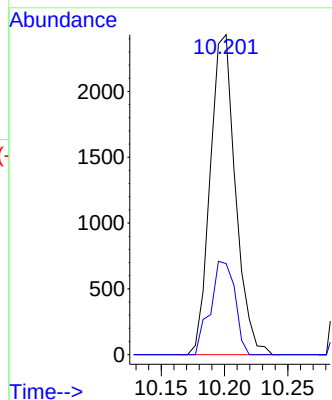
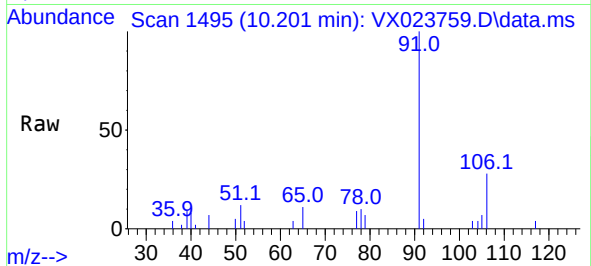




#67
Ethyl Benzene
Concen: 0.390 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX023759.D
Acq: 17 Aug 2021 11:51

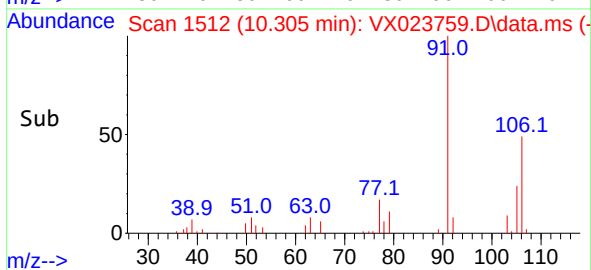
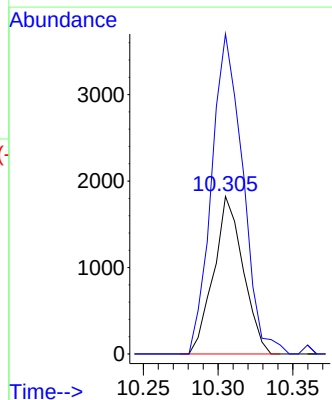
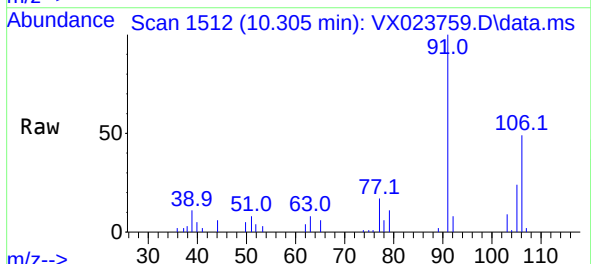
Instrument :
MSVOA_X
ClientSampled :
IBLK

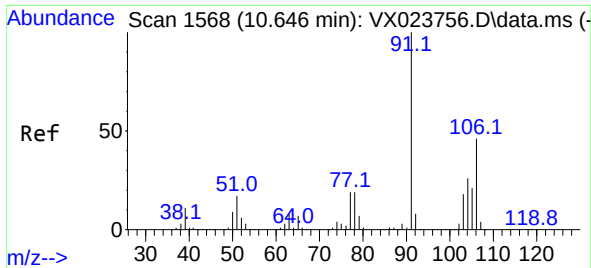
Tgt Ion: 91 Resp: 3380
Ion Ratio Lower Upper
91 100
106 28.5 24.6 37.0



#68
m/p-Xylenes
Concen: 0.754 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX023759.D
Acq: 17 Aug 2021 11:51

Tgt Ion: 106 Resp: 2491
Ion Ratio Lower Upper
106 100
91 215.2 162.8 244.2

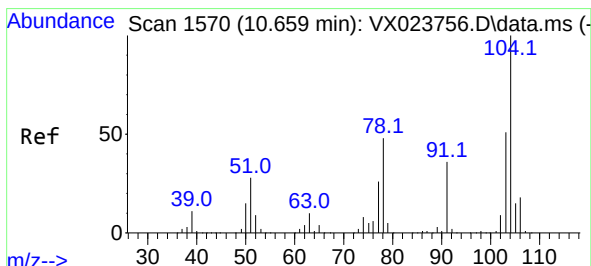
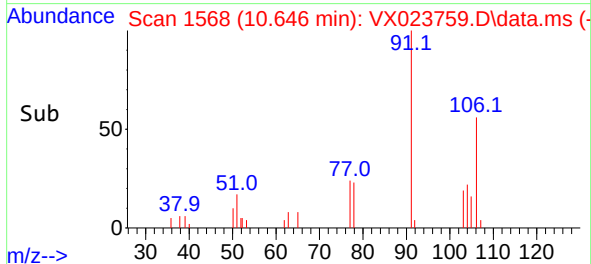
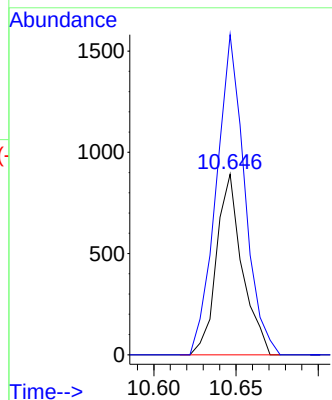
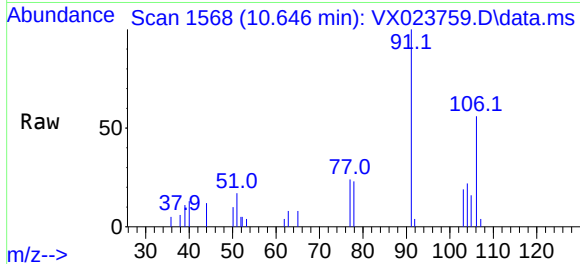




#69
o-Xylene
Concen: 0.299 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX023759.D
Acq: 17 Aug 2021 11:51

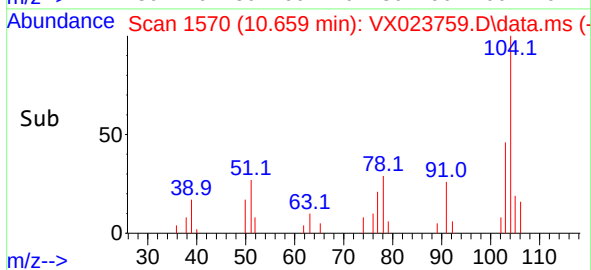
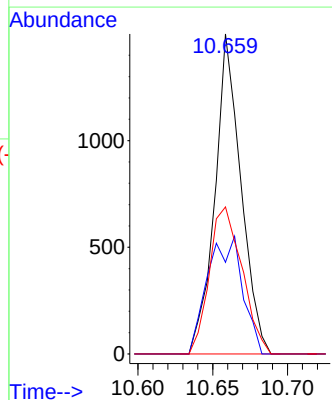
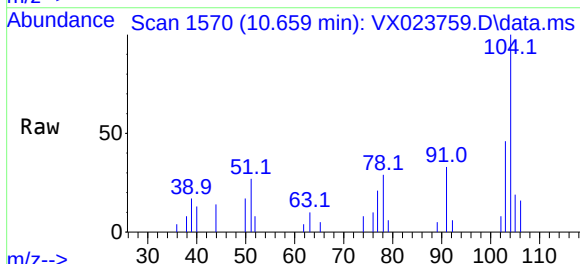
Instrument :
MSVOA_X
ClientSampled :
IBLK

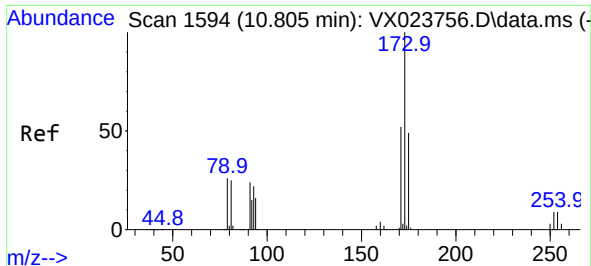
Tgt Ion:106 Resp: 970
Ion Ratio Lower Upper
106 100
91 195.6 108.1 324.2



#70
Styrene
Concen: 0.344 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.001 min
Lab File: VX023759.D
Acq: 17 Aug 2021 11:51

Tgt Ion:104 Resp: 1819
Ion Ratio Lower Upper
104 100
78 49.0 40.0 60.0
103 57.6 43.4 65.0

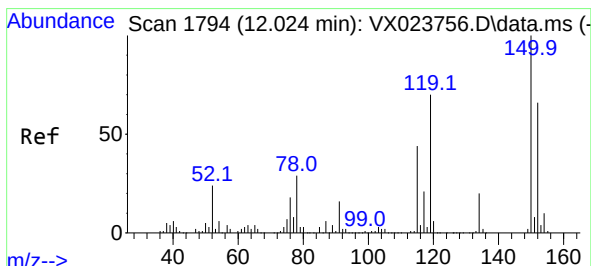
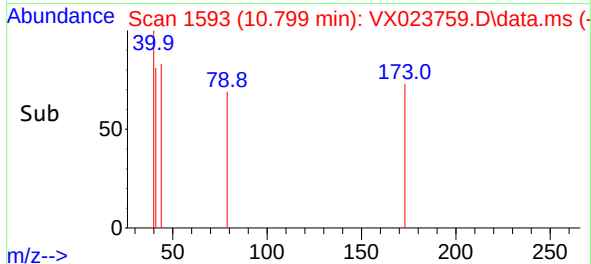
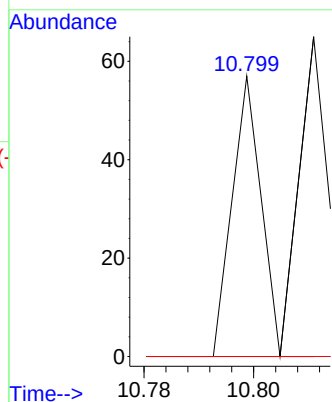
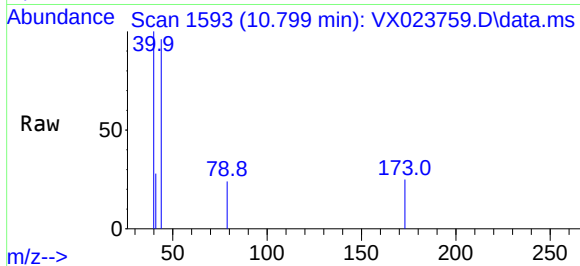




#71
Bromoform
Concen: 1.945 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.006 min
Lab File: VX023759.D
Acq: 17 Aug 2021 11:51

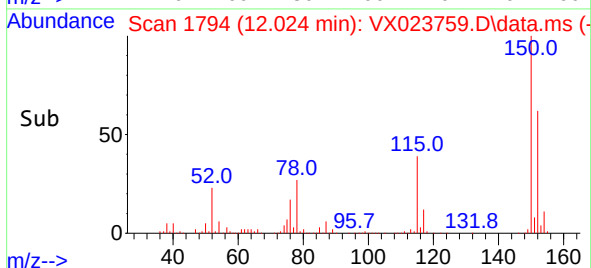
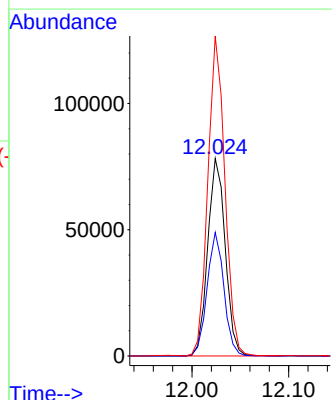
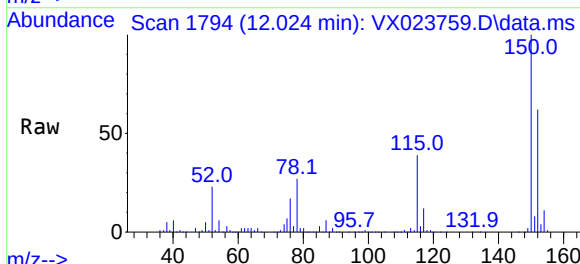
Instrument :
MSVOA_X
ClientSampleId :
IBLK

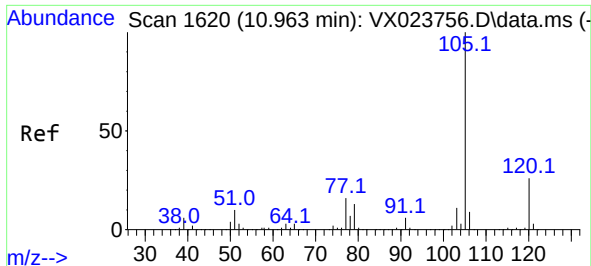
Tgt Ion:173 Resp: 21
Ion Ratio Lower Upper
173 100
175 0.0 23.9 71.8#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023759.D
Acq: 17 Aug 2021 11:51

Tgt Ion:152 Resp: 98605
Ion Ratio Lower Upper
152 100
115 60.3 41.1 123.3
150 157.3 0.0 349.0

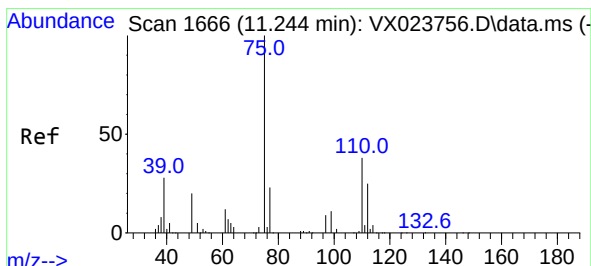
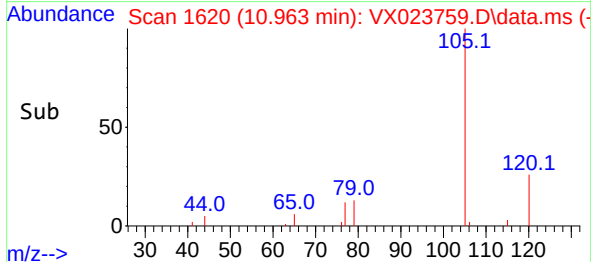
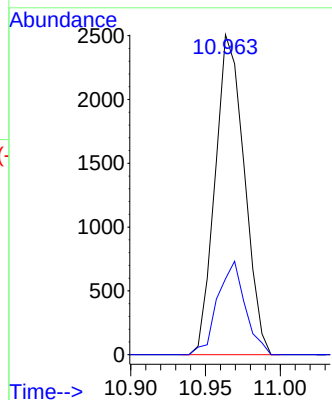
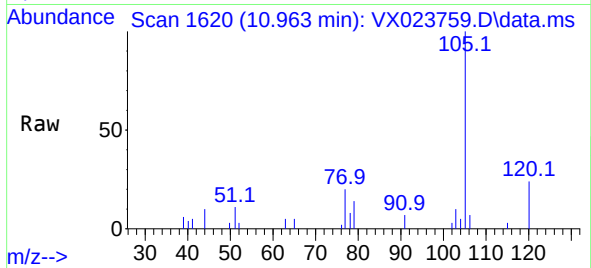




#73
Isopropylbenzene
Concen: 0.453 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX023759.D
Acq: 17 Aug 2021 11:51

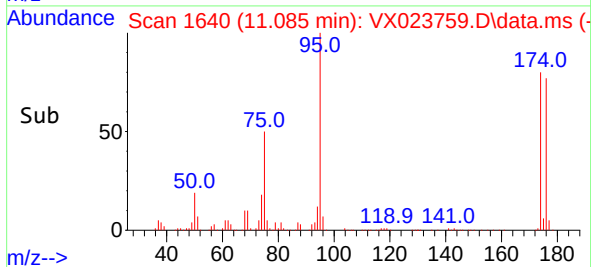
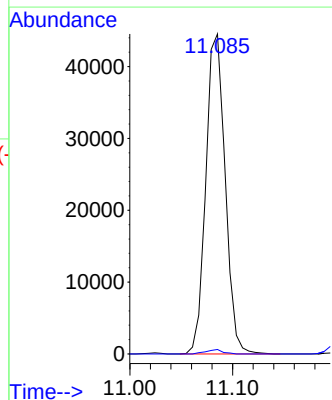
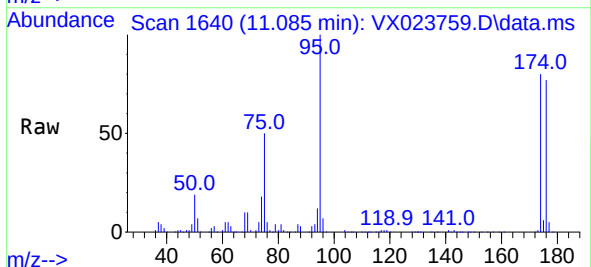
Instrument :
MSVOA_X
ClientSampled :
IBLK

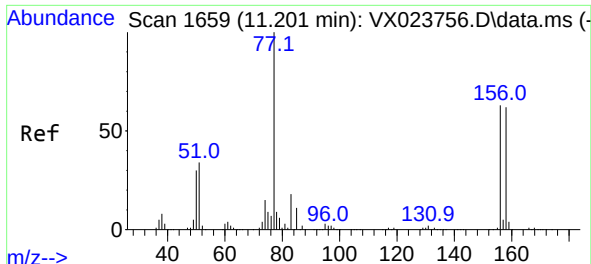
Tgt Ion:105 Resp: 3405
Ion Ratio Lower Upper
105 100
120 27.7 13.2 39.6



#76
1,2,3-Trichloropropane
Concen: 25.388 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023759.D
Acq: 17 Aug 2021 11:51

Tgt Ion: 75 Resp: 58397
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#

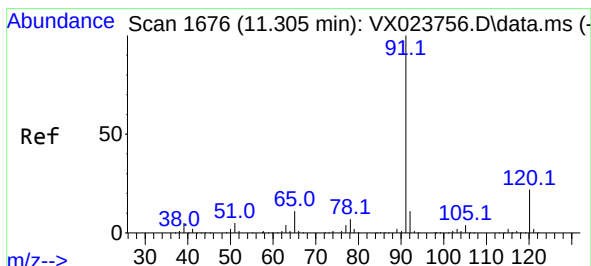
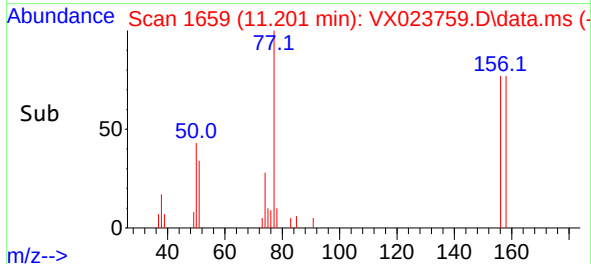
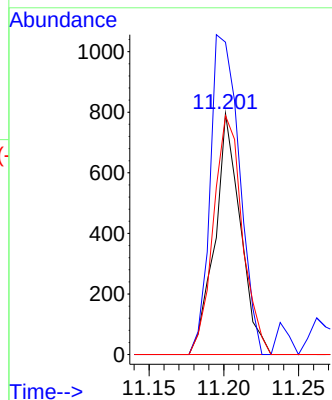
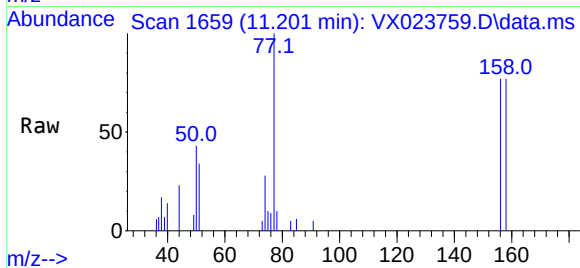




#77
Bromobenzene
Concen: 0.512 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX023759.D
Acq: 17 Aug 2021 11:51

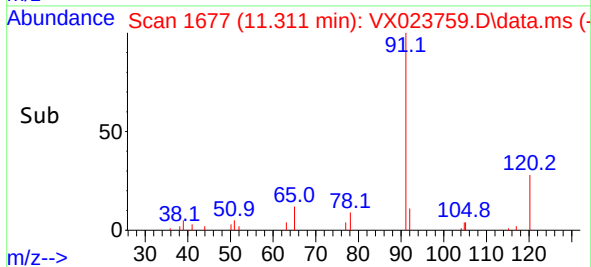
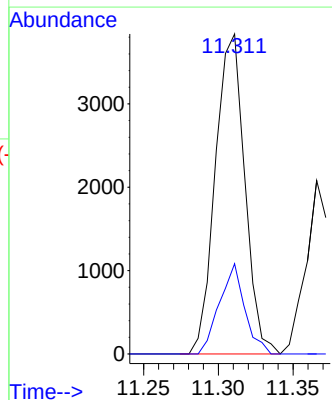
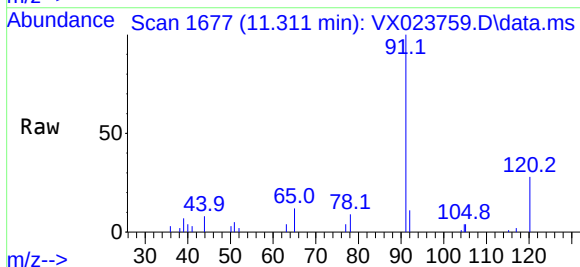
Instrument :
MSVOA_X
ClientSampled :
IBLK

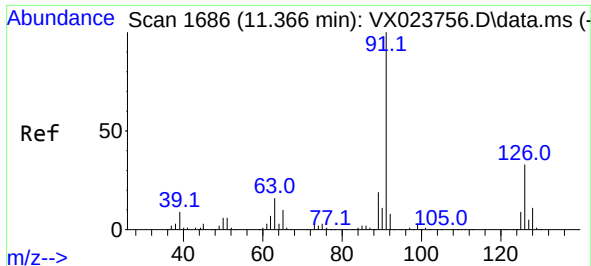
Tgt Ion:	156	Resp:	948
Ion	Ratio	Lower	Upper
156	100		
77	151.5	82.8	248.6
158	111.9	49.1	147.4



#78
n-propylbenzene
Concen: 0.612 ug/l
RT: 11.311 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VX023759.D
Acq: 17 Aug 2021 11:51

Tgt Ion:	91	Resp:	5261
Ion	Ratio	Lower	Upper
91	100		
120	24.2	11.5	34.5

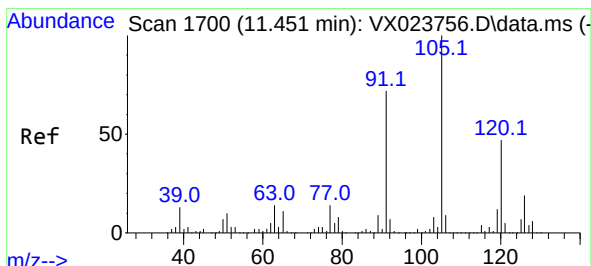
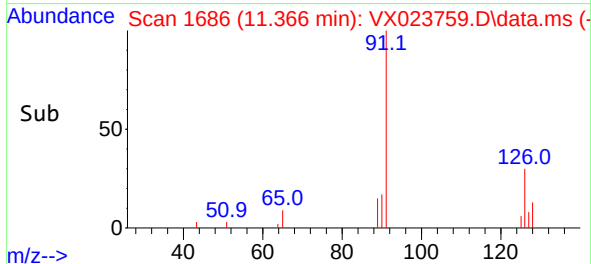
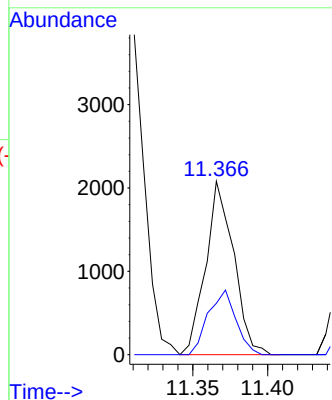
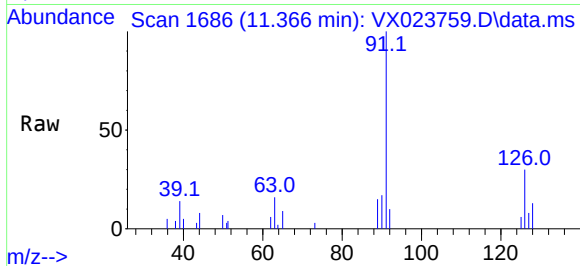




#79
2-Chlorotoluene
Concen: 0.521 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX023759.D
Acq: 17 Aug 2021 11:51

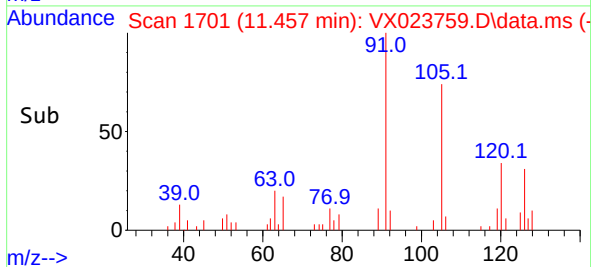
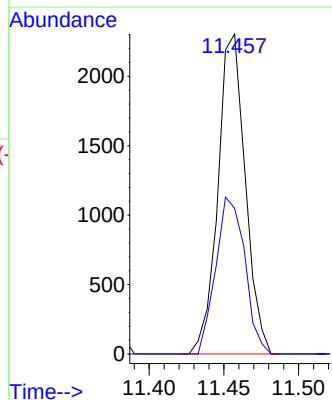
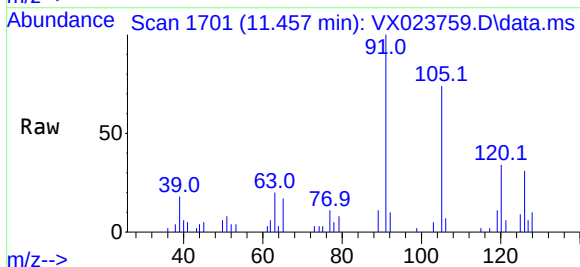
Instrument :
MSVOA_X
ClientSampleId :
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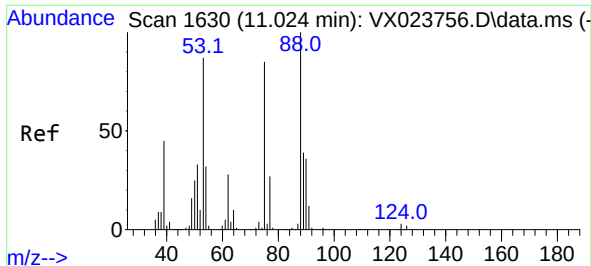
Tgt Ion: 91 Resp: 2711
Ion Ratio Lower Upper
91 100
126 36.9 16.6 49.8



#80
1,3,5-Trimethylbenzene
Concen: 0.475 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX023759.D
Acq: 17 Aug 2021 11:51

Tgt Ion: 105 Resp: 2935
Ion Ratio Lower Upper
105 100
120 51.9 23.8 71.5

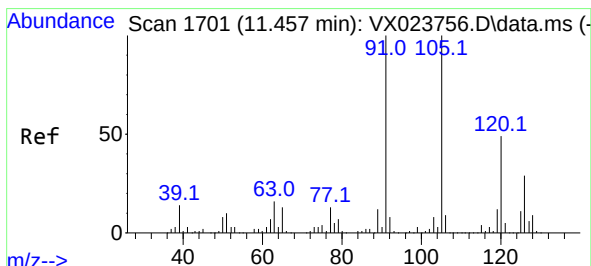
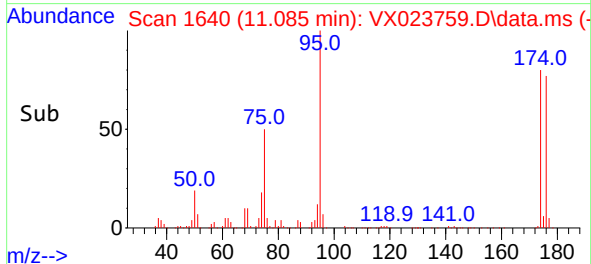
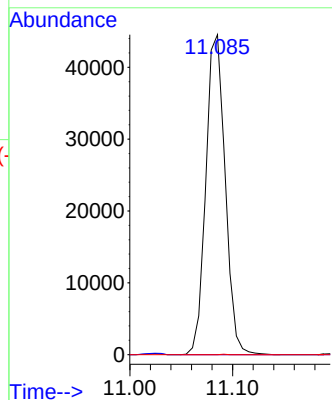
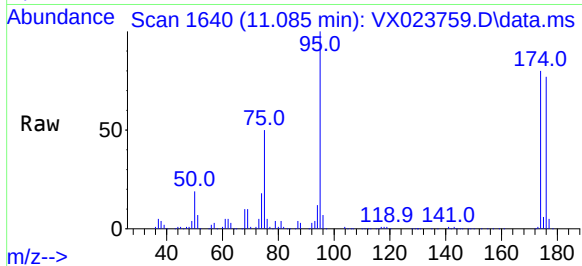




#81
trans-1,4-Dichloro-2-butene
Concen: 74.679 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023759.D
Acq: 17 Aug 2021 11:51

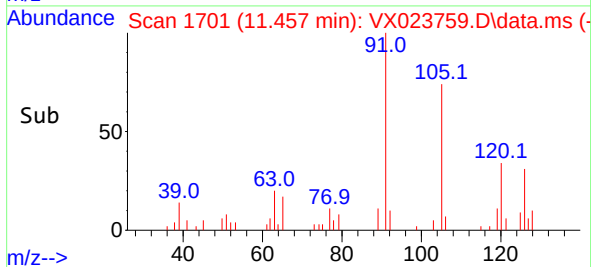
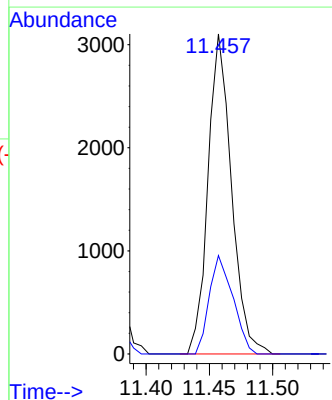
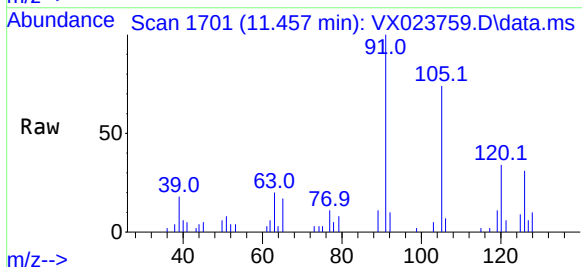
Instrument :
MSVOA_X
ClientSampleId :
IBLK

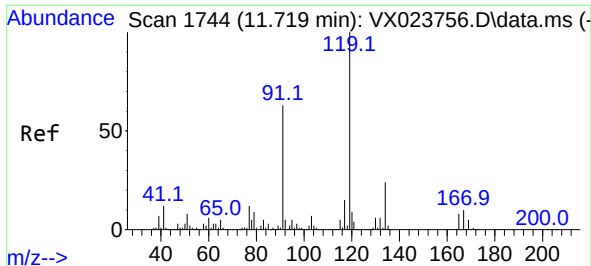
Tgt Ion: 75 Resp: 58397
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#82
4-Chlorotoluene
Concen: 0.679 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX023759.D
Acq: 17 Aug 2021 11:51

Tgt Ion: 91 Resp: 4008
Ion Ratio Lower Upper
91 100
126 30.9 14.9 44.5

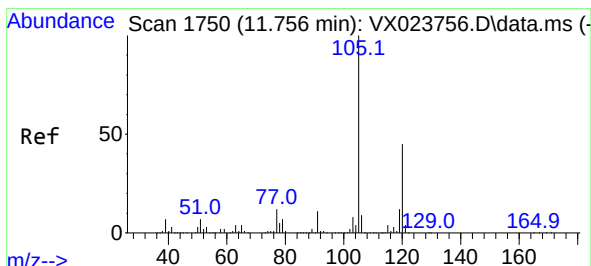
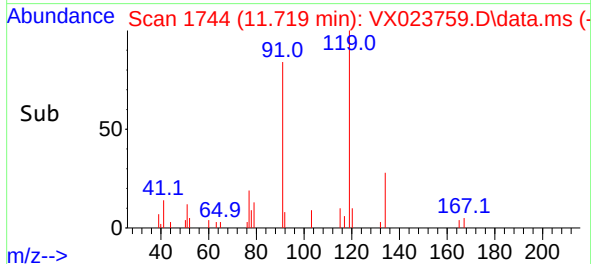
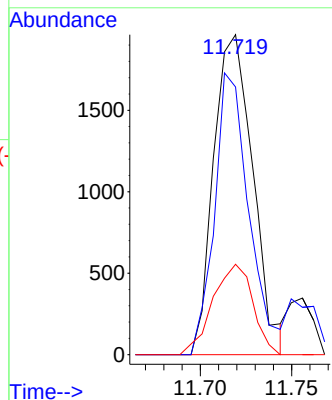
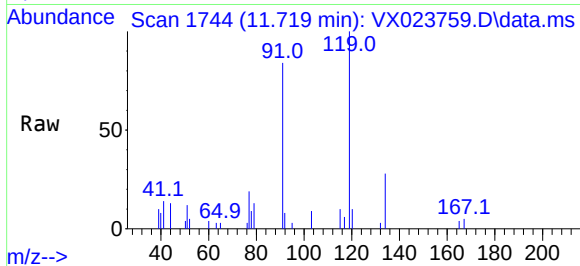




#83
tert-Butylbenzene
Concen: 0.488 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VX023759.D
Acq: 17 Aug 2021 11:51

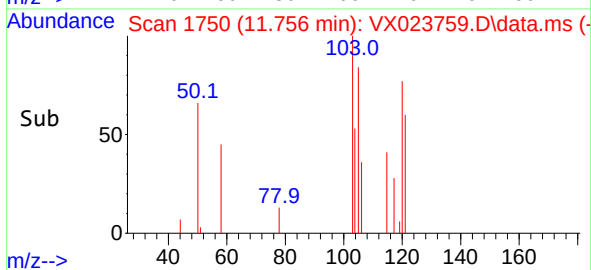
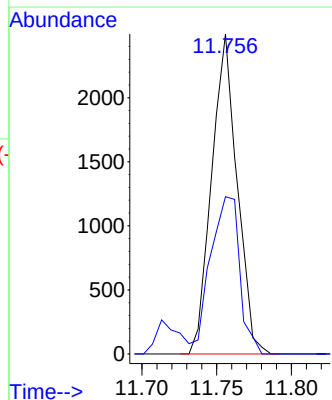
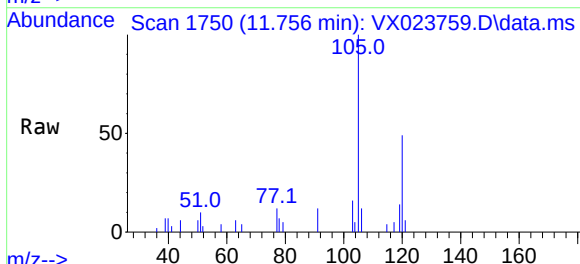
Instrument :
MSVOA_X
ClientSampled :
IBLK

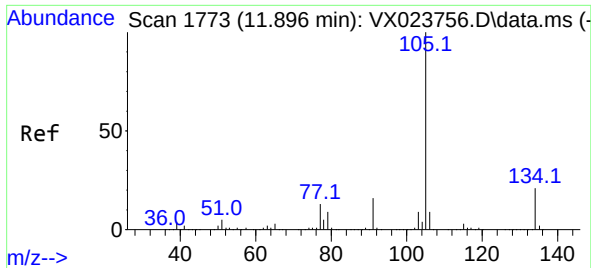
Tgt Ion:	119	Resp:	2931
Ion	Ratio	Lower	Upper
119	100		
91	77.4	27.9	83.7
134	28.9	11.3	33.9



#84
1,2,4-Trimethylbenzene
Concen: 0.479 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX023759.D
Acq: 17 Aug 2021 11:51

Tgt Ion:	105	Resp:	2955
Ion	Ratio	Lower	Upper
105	100		
120	56.3	22.4	67.3

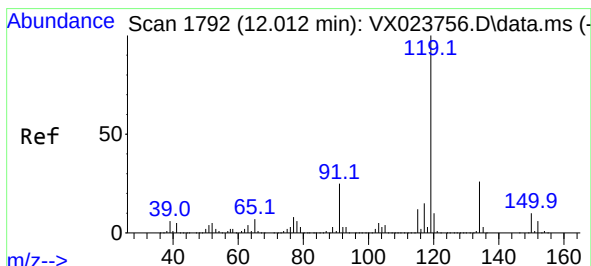
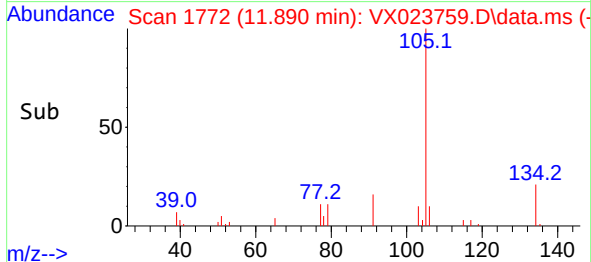
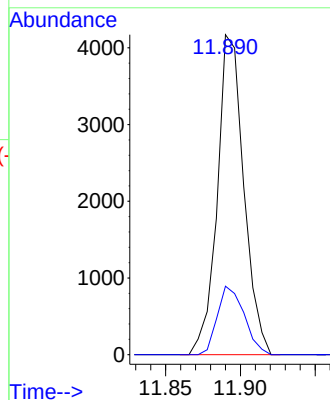
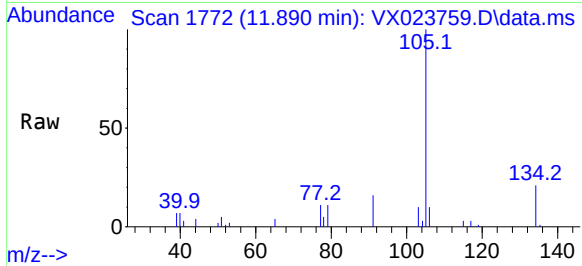




#85
 sec-Butylbenzene
 Concen: 0.677 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.006 min
 Lab File: VX023759.D
 Acq: 17 Aug 2021 11:51

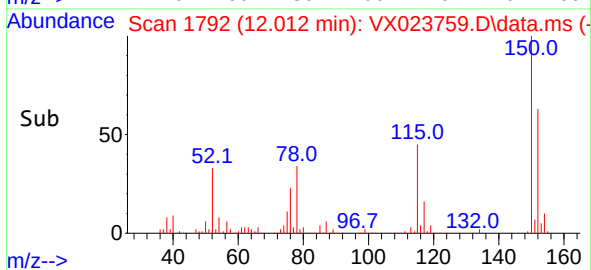
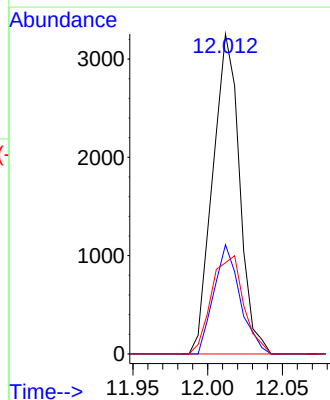
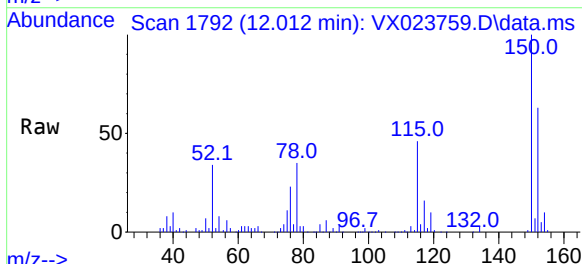
Instrument :
 MSVOA_X
 ClientSampled :
 IBLK

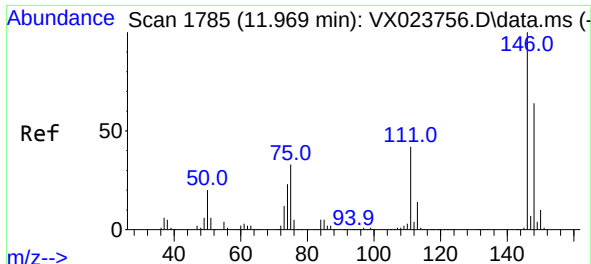
Tgt Ion:105 Resp: 5146
 Ion Ratio Lower Upper
 105 100
 134 21.6 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 0.648 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX023759.D
 Acq: 17 Aug 2021 11:51

Tgt Ion:119 Resp: 4052
 Ion Ratio Lower Upper
 119 100
 134 33.3 12.9 38.7
 91 36.9 11.7 35.0#



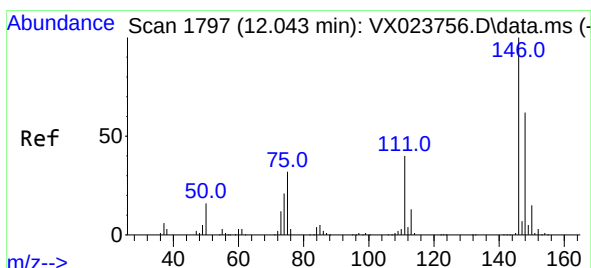
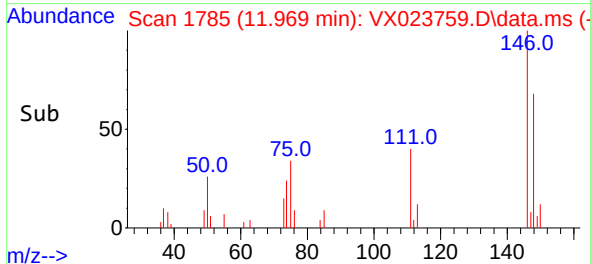
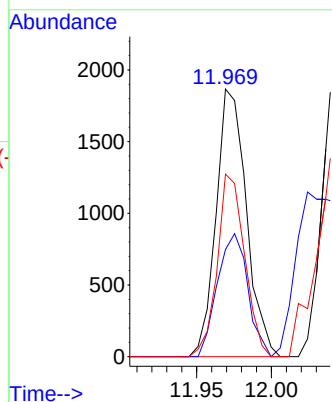
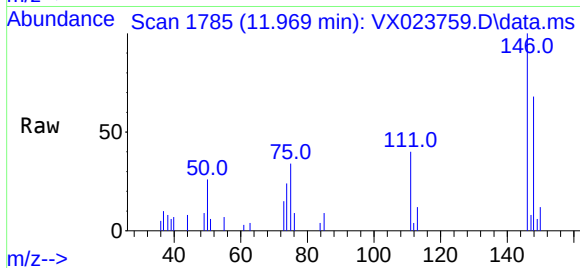


#87
1,3-Dichlorobenzene
Concen: 0.784 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX023759.D
Acq: 17 Aug 2021 11:51

Instrument :
MSVOA_X
ClientSampled :
IBLK

Tgt Ion:146 Resp: 2628

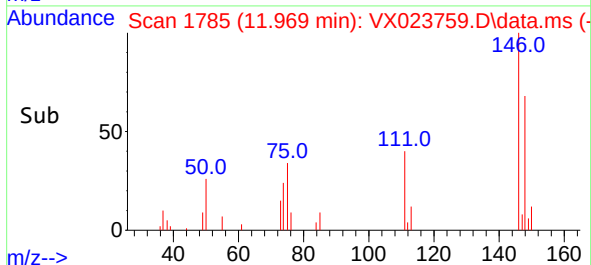
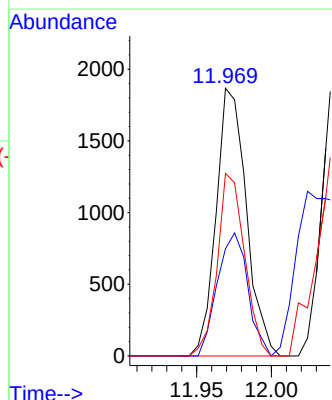
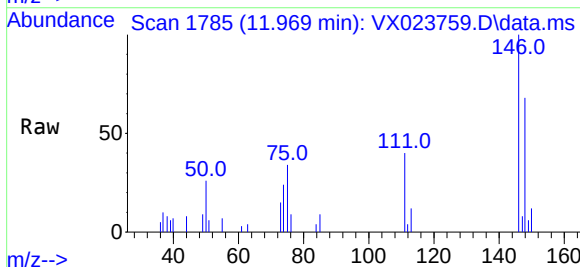
Ion	Ratio	Lower	Upper
146	100		
111	46.2	20.2	60.5
148	61.5	31.9	95.7

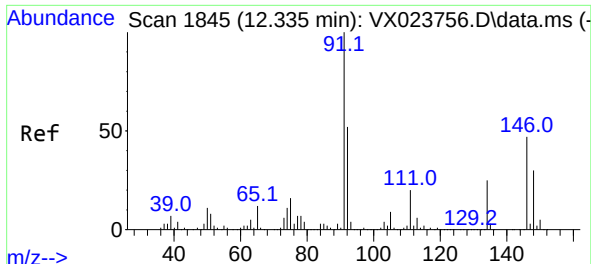


#88
1,4-Dichlorobenzene
Concen: 0.786 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.074 min
Lab File: VX023759.D
Acq: 17 Aug 2021 11:51

Tgt Ion:146 Resp: 2628

Ion	Ratio	Lower	Upper
146	100		
111	46.2	19.6	58.8
148	61.5	31.6	95.0

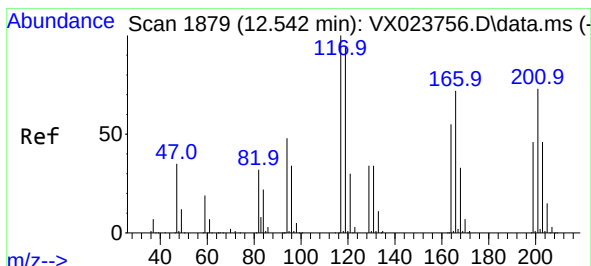
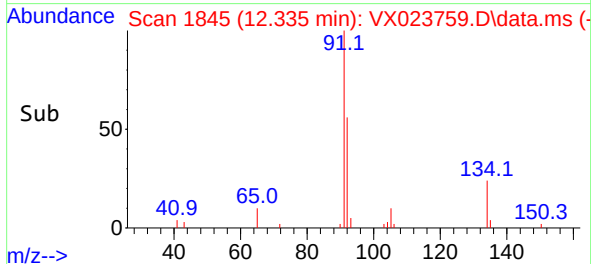
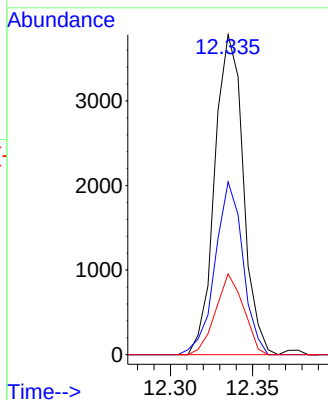
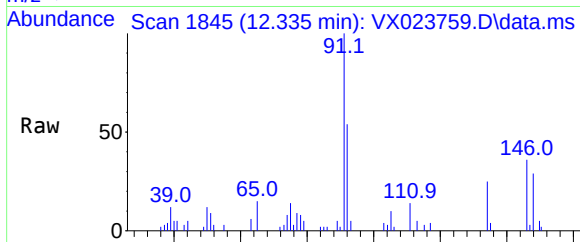




#89
n-Butylbenzene
Concen: 0.817 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX023759.D
Acq: 17 Aug 2021 11:51

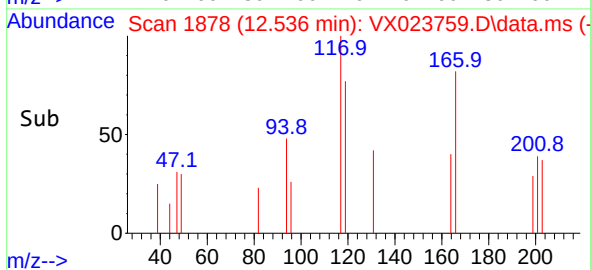
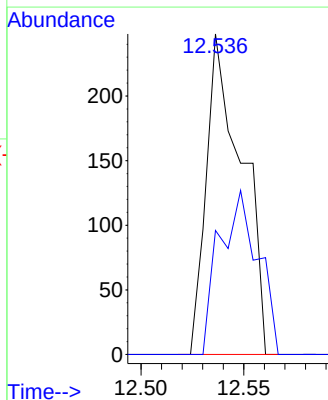
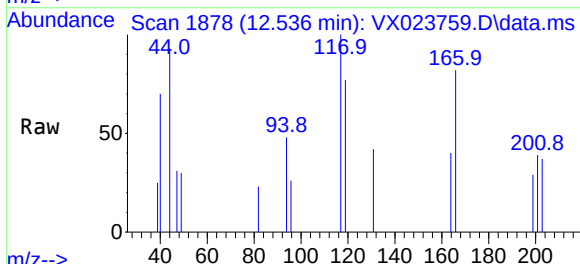
Instrument :
MSVOA_X
ClientSampled :
IBLK

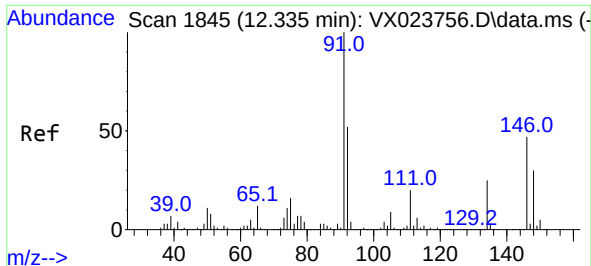
Tgt Ion:	91	Resp:	4562
Ion	Ratio	Lower	Upper
91	100		
92	52.7	27.4	82.0
134	24.7	13.2	39.5



#90
Hexachloroethane
Concen: 1.731 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.006 min
Lab File: VX023759.D
Acq: 17 Aug 2021 11:51

Tgt Ion:	117	Resp:	298
Ion	Ratio	Lower	Upper
117	100		
201	55.7	40.4	121.2

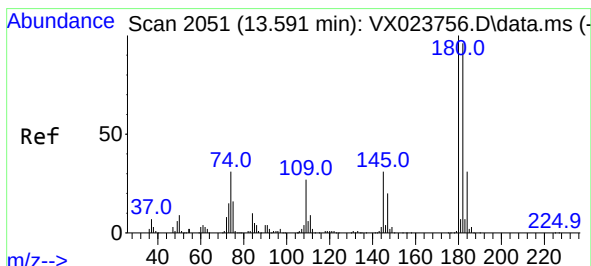
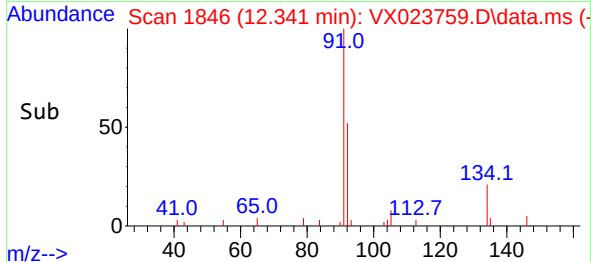
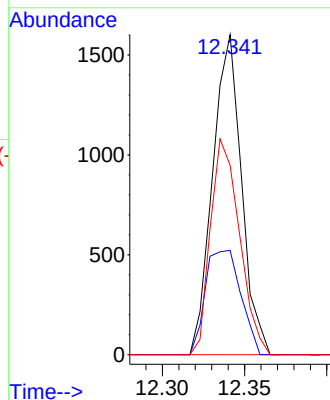
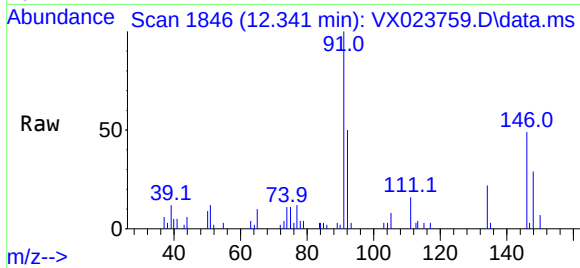




#91
1,2-Dichlorobenzene
Concen: 0.603 ug/l
RT: 12.341 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VX023759.D
Acq: 17 Aug 2021 11:51

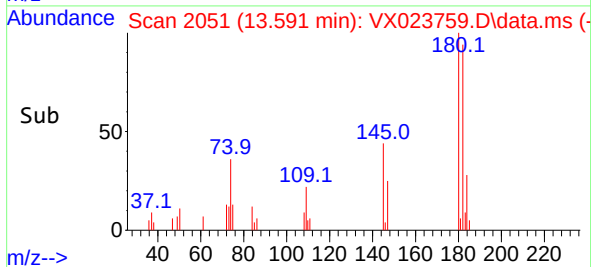
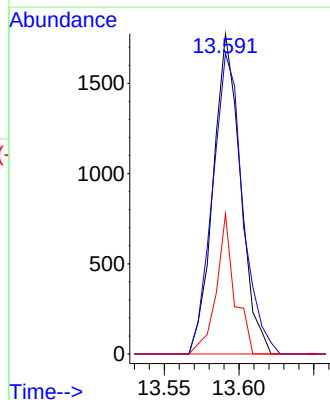
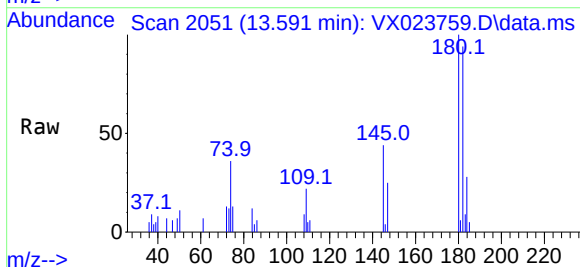
Instrument :
MSVOA_X
ClientSampled :
IBLK

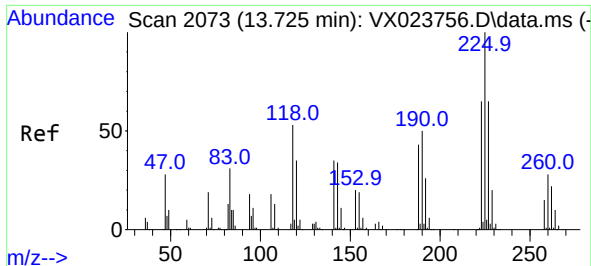
Tgt Ion:146 Resp: 1958
Ion Ratio Lower Upper
146 100
111 40.0 20.8 62.2
148 67.9 31.9 95.5



#93
1,2,4-Trichlorobenzene
Concen: 1.153 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX023759.D
Acq: 17 Aug 2021 11:51

Tgt Ion:180 Resp: 2253
Ion Ratio Lower Upper
180 100
182 103.2 47.7 143.1
145 29.2 15.0 45.0

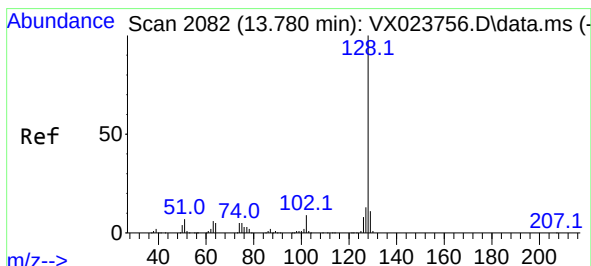
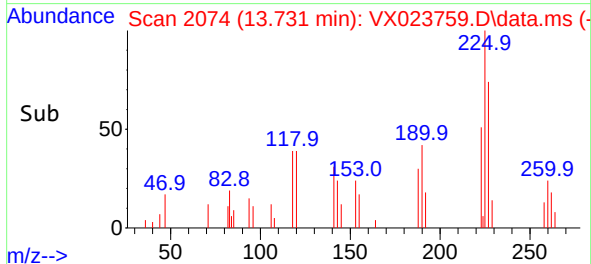
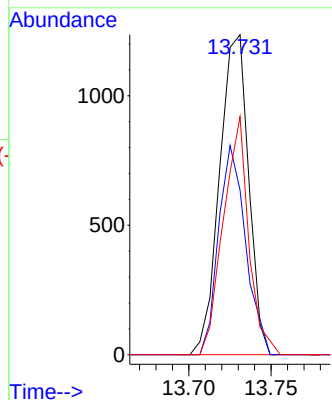
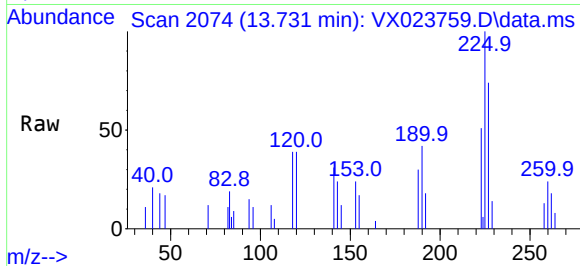




#94
Hexachlorobutadiene
Concen: 1.742 ug/l
RT: 13.731 min Scan# 2074
Delta R.T. 0.006 min
Lab File: VX023759.D
Acq: 17 Aug 2021 11:51

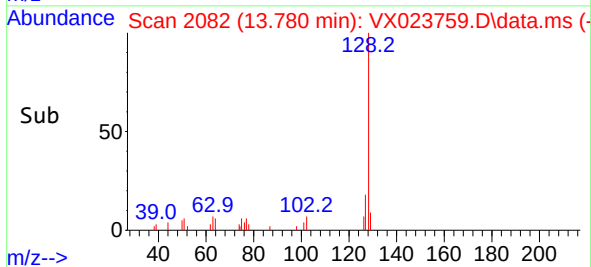
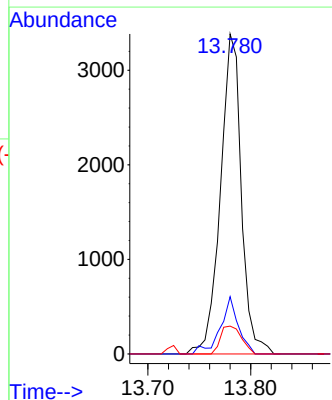
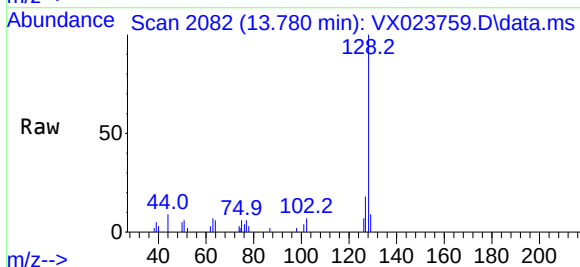
Instrument :
MSVOA_X
ClientSampled :
IBLK

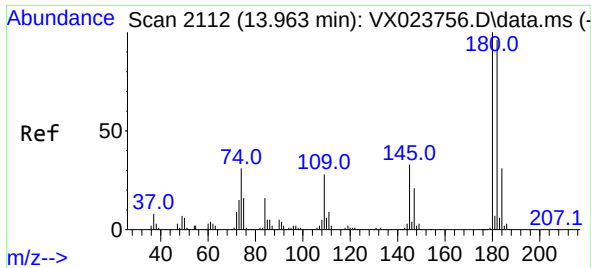
Tgt Ion:	225	Resp:	1517
Ion	Ratio	Lower	Upper
225	100		
223	60.9	31.1	93.2
227	64.9	31.6	95.0



#95
Naphthalene
Concen: 1.926 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX023759.D
Acq: 17 Aug 2021 11:51

Tgt Ion:	128	Resp:	4765
Ion	Ratio	Lower	Upper
128	100		
127	15.4	10.3	15.5
129	8.7	8.8	13.2#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.998 ug/l
 RT: 13.969 min Scan# 2113
 Delta R.T. 0.006 min
 Lab File: VX023759.D
 Acq: 17 Aug 2021 11:51

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Tgt Ion:	180	Resp:	1943
Ion	Ratio	Lower	Upper
180	100		
182	93.8	47.6	142.9
145	33.1	16.1	48.3

