

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080224\
 Data File : VX042842.D
 Acq On : 02 Aug 2024 14:55
 Operator : JC/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 02 21:34:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X080224W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Aug 02 21:32:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.903	128	16991	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	93610	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	84732	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	42131	25.271	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	84.233%#
60) 4-Bromofluorobenzene	11.079	95	40538	28.683	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	95.600%
63) Toluene-d8	8.647	98	112255	30.036	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.133%
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	216	0.256	ug/l #	67
7) Trichlorofluoromethane	1.892	101	403	0.255	ug/l	92
10) 1,1-Dichloroethene	2.319	96	316	0.306	ug/l #	57
11) Methyl Iodide	2.453	142	258	0.252	ug/l #	44
14) Acrylonitrile	3.075	53	298	0.439	ug/l #	35
15) Acetone	2.392	58	153	0.657	ug/l #	36
16) Carbon Disulfide	2.508	76	3114	1.437	ug/l #	94
18) Methylene Chloride	2.788	84	487	0.368	ug/l #	51
19) trans-1,2-Dichloroethene	3.087	96	888	0.808	ug/l #	74
29) 1,1-Dichloropropene	5.702	75	613	0.473	ug/l #	58
37) Trichloroethene	7.123	130	401	0.388	ug/l	100
38) Methylcyclohexane	7.379	83	373	0.243	ug/l	67
40) Dibromomethane	7.598	93	175	0.219	ug/l	46
41) Bromodichloromethane	7.824	83	314	0.200	ug/l #	64
42) Vinyl Acetate	3.751	43	687	0.279	ug/l #	72
47) n-amyl Acetate	10.848	43	594	0.313	ug/l #	49
48) t-1,3-Dichloropropene	8.982	75	403	0.267	ug/l #	89
49) cis-1,3-Dichloropropene	8.372	75	509	0.314	ug/l #	51
52) 1,3-Dichloropropane	9.311	76	445	0.250	ug/l #	42
54) 1,2-Dibromoethane	9.616	107	424	0.377	ug/l	98
55) 2-Chloroethyl vinyl ether	8.250	63	311	0.402	ug/l #	70
59) 2-Hexanone	9.445	43	807	0.679	ug/l #	52
61) Tetrachloroethene	9.281	164	274	0.309	ug/l #	78
62) Toluene	8.720	91	1821	0.425	ug/l	95
64) Chlorobenzene	10.085	112	1770	0.621	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.159	131	264	0.259	ug/l	46
66) Ethyl Benzene	10.195	91	2058	0.430	ug/l #	82
67) m/p-Xylenes	10.299	106	1838	0.994	ug/l	93
68) o-Xylene	10.646	106	651	0.361	ug/l	85
69) Styrene	10.659	104	1581	0.516	ug/l #	86
70) Isopropylbenzene	10.963	105	1617	0.342	ug/l	96
72) 1,2,3-Trichloropropane	11.232	75	339	0.239	ug/l	77
73) Bromobenzene	11.201	156	843	0.736	ug/l	75
74) n-propylbenzene	11.305	91	3157	0.579	ug/l	98
75) 2-Chlorotoluene	11.366	91	2003	0.590	ug/l	87
76) 1,3,5-Trimethylbenzene	11.451	105	1915	0.479	ug/l	91
77) t-1,4-Dichloro-2-butene	11.024	75	211	0.425	ug/l #	47
78) 4-Chlorotoluene	11.457	91	3139	0.807	ug/l	90
79) tert-butylbenzene	11.713	119	1365	0.340	ug/l	76

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

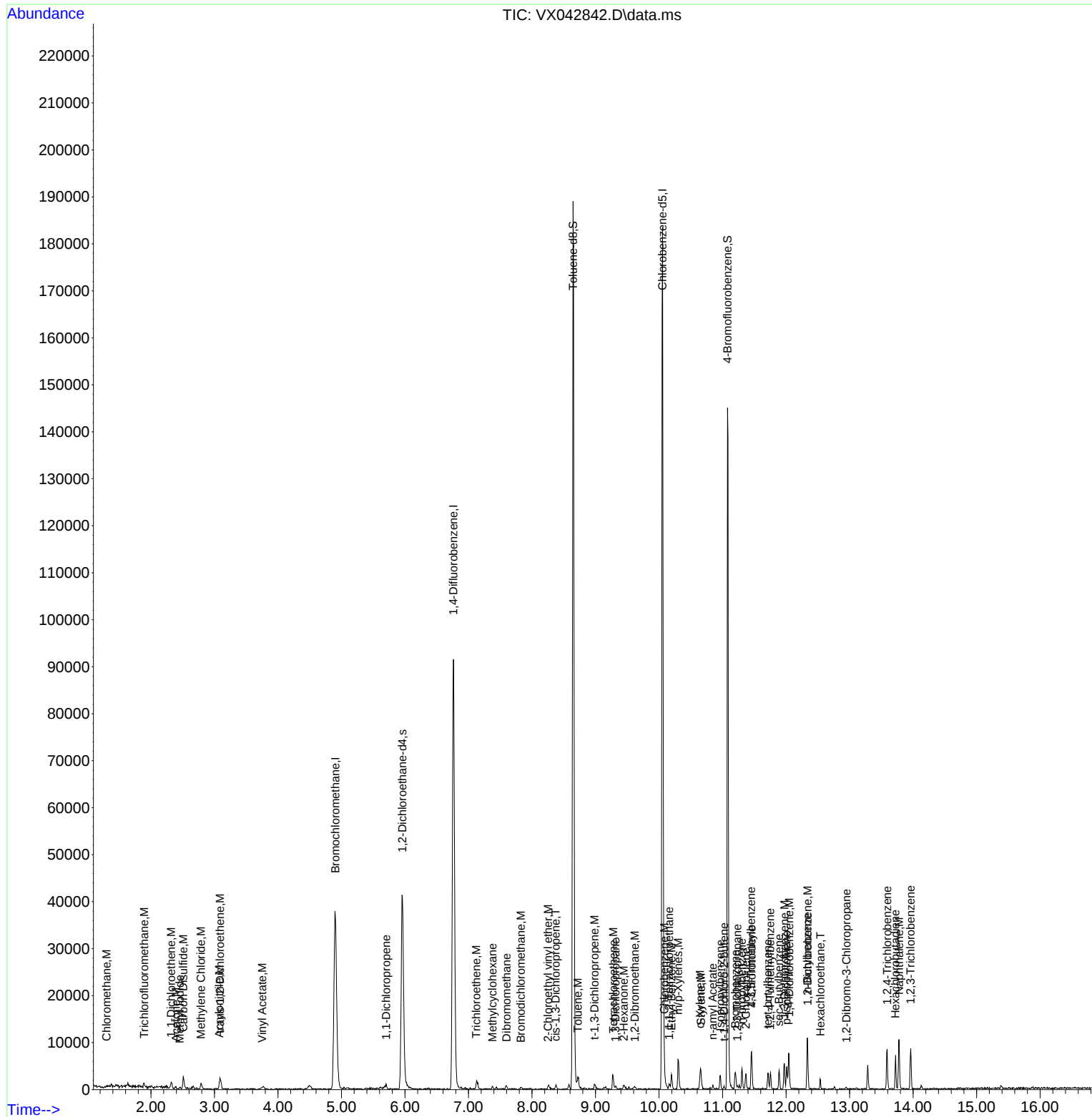
80) 1,2,4-Trimethylbenzene	11.750	105	1785	0.449	ug/l	95
81) sec-Butylbenzene	11.890	105	2618	0.523	ug/l	87
82) p-Isopropyltoluene	12.006	119	2166	0.521	ug/l	88
83) 1,3-Dichlorobenzene	11.975	146	2346	1.098	ug/l	93
84) 1,4-Dichlorobenzene	12.049	146	2685	1.245	ug/l	99
85) n-Butylbenzene	12.335	91	3059	0.846	ug/l	91
86) Hexachloroethane	12.542	117	314	0.425	ug/l #	37
87) 1,2-Dichlorobenzene	12.341	146	1686	0.801	ug/l	95
88) 1,2-Dibromo-3-Chloropr...	12.951	75	150	0.360	ug/l #	36
89) 1,2,4-Trichlorobenzene	13.591	180	2448	1.894	ug/l	94
90) Hexachlorobutadiene	13.719	225	968	1.776	ug/l	95
91) Naphthalene	13.780	128	7400	1.541	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	2366	1.778	ug/l	91

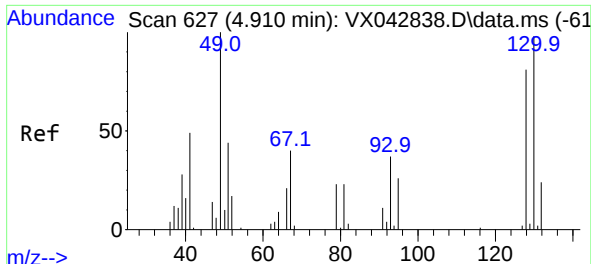
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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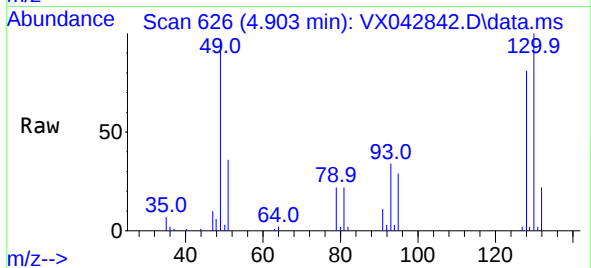
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X080224W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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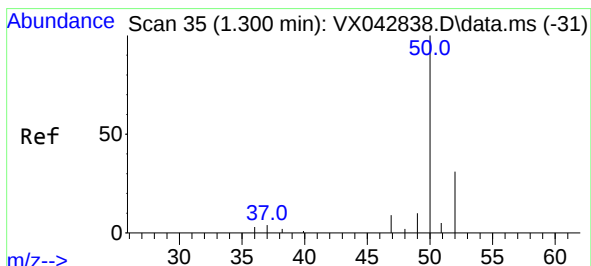
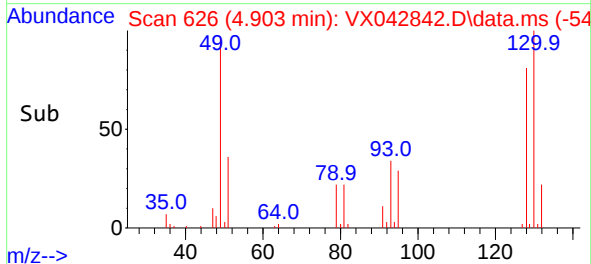
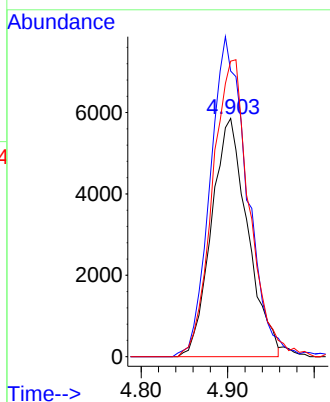


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. -0.007 min
Lab File: VX042842.D
Acq: 02 Aug 2024 14:55

Instrument :
MSVOA_X
ClientSampleId :

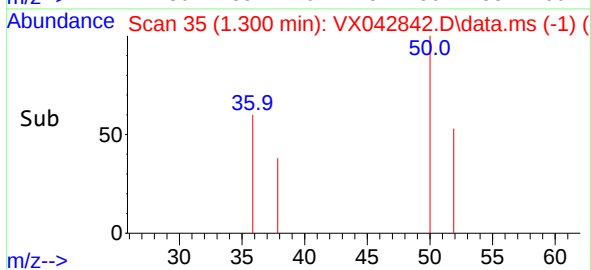
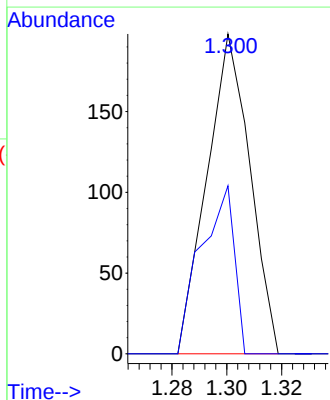
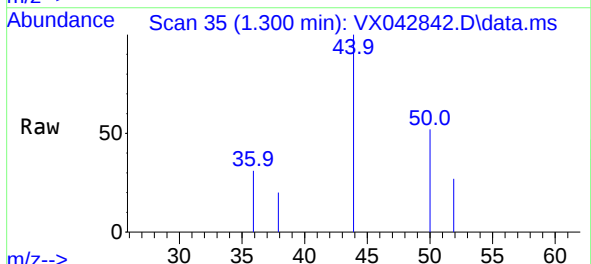


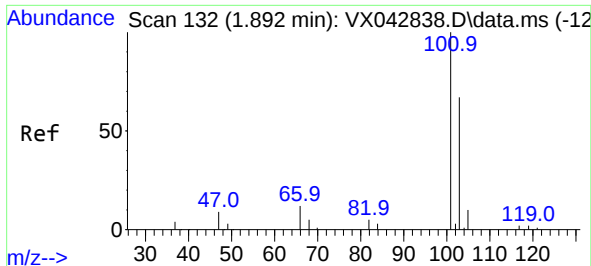
Tgt Ion:128 Resp: 16991
Ion Ratio Lower Upper
128 100
49 137.0 0.0 338.5
130 127.7 0.0 324.5



#3
Chloromethane
Concen: 0.256 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX042842.D
Acq: 02 Aug 2024 14:55

Tgt Ion: 50 Resp: 216
Ion Ratio Lower Upper
50 100
52 52.5 26.9 40.3#

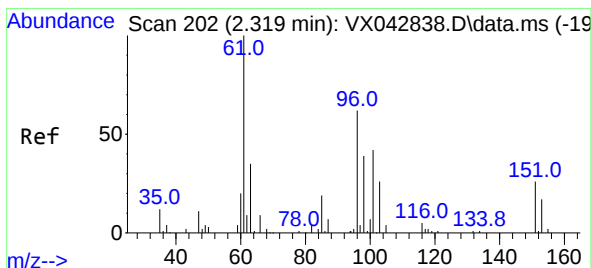
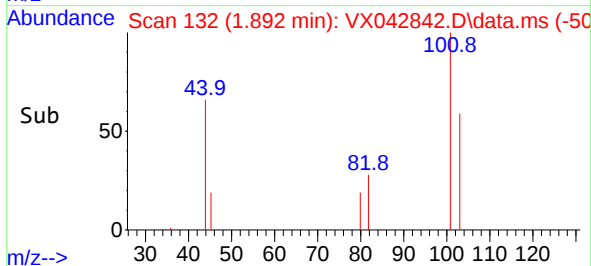
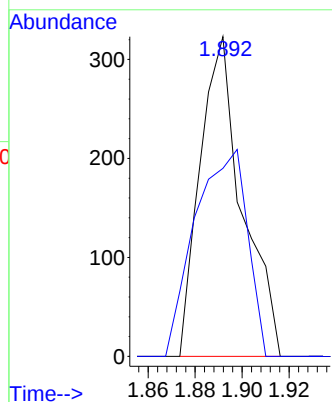
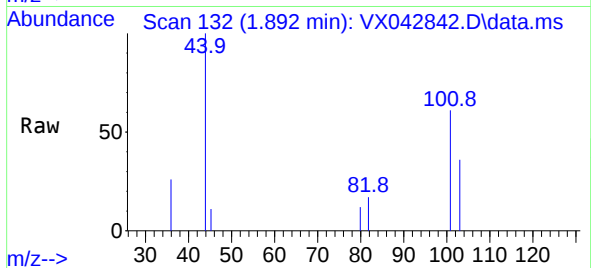




#7
Trichlorofluoromethane
Concen: 0.255 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042842.D
Acq: 02 Aug 2024 14:55

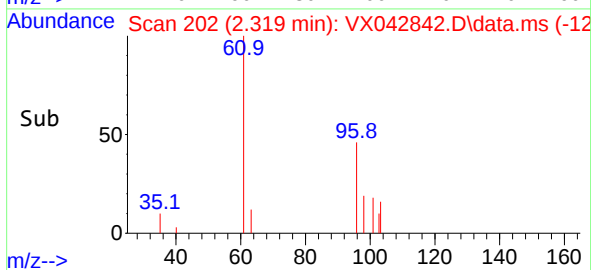
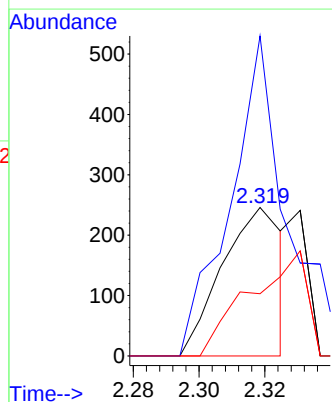
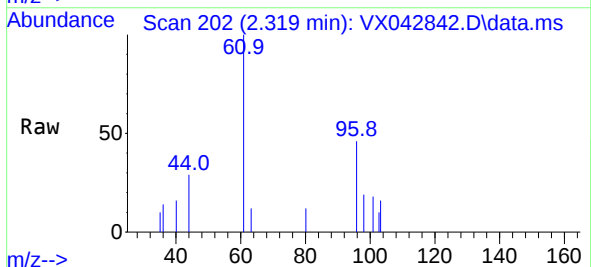
Instrument :
MSVOA_X
ClientSampleId :

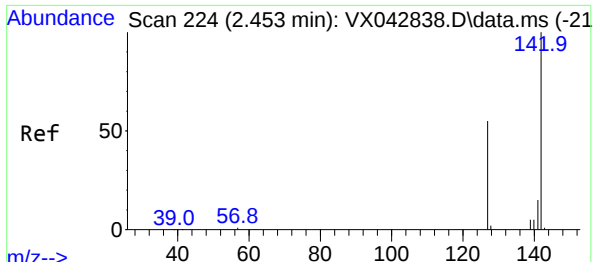
Tgt Ion:101 Resp: 403
Ion Ratio Lower Upper
101 100
103 58.8 51.8 77.8



#10
1,1-Dichloroethene
Concen: 0.306 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX042842.D
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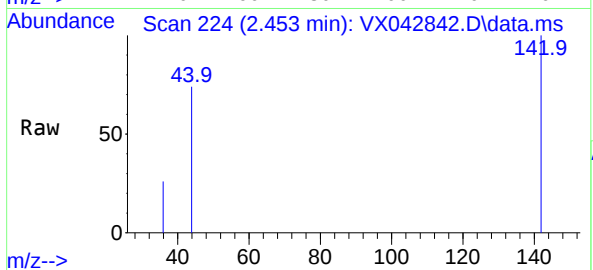
Tgt Ion: 96 Resp: 316
Ion Ratio Lower Upper
96 100
61 215.4 122.3 183.5#
98 41.9 51.5 77.3#



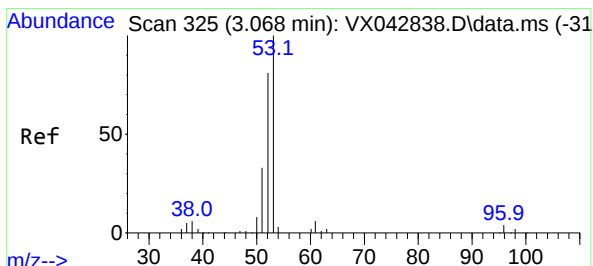
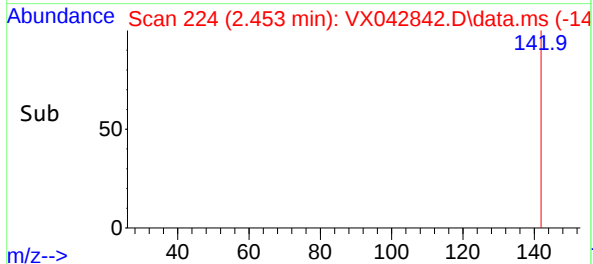
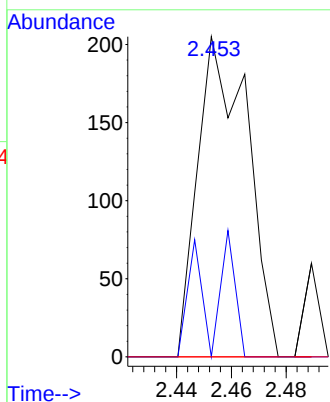


#11
Methyl Iodide
Concen: 0.252 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX042842.D
Acq: 02 Aug 2024 14:55

Instrument :
MSVOA_X
ClientSampleId :

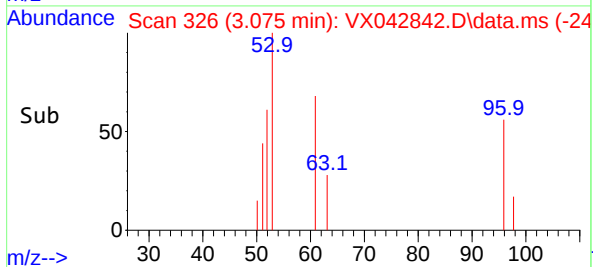
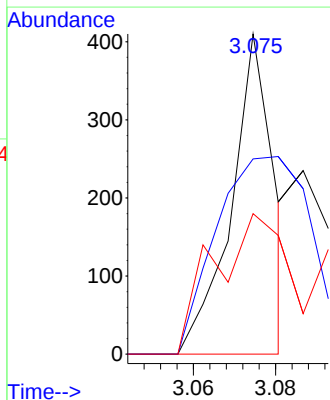
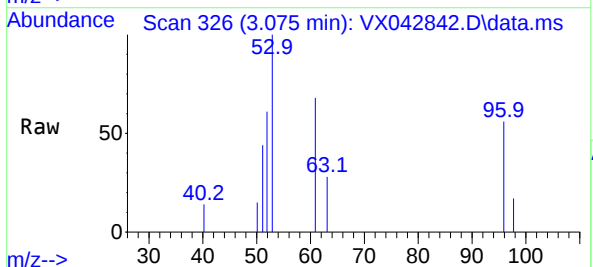


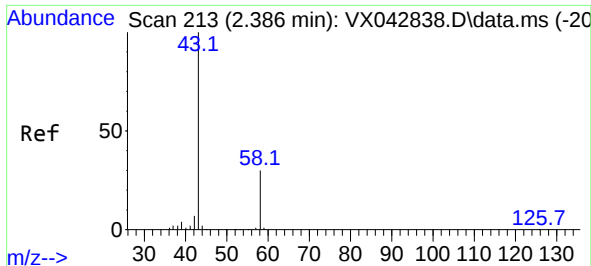
Tgt Ion:142 Resp: 258
Ion Ratio Lower Upper
142 100
127 0.0 19.8 59.3#
141 0.0 6.7 20.1#



#14
Acrylonitrile
Concen: 0.439 ug/l
RT: 3.075 min Scan# 326
Delta R.T. 0.006 min
Lab File: VX042842.D
Acq: 02 Aug 2024 14:55

Tgt Ion: 53 Resp: 298
Ion Ratio Lower Upper
53 100
52 135.2 39.9 119.7#
51 75.5 17.4 52.3#

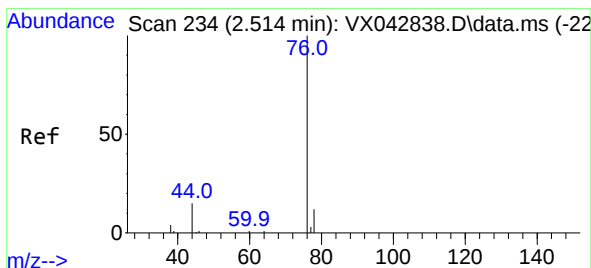
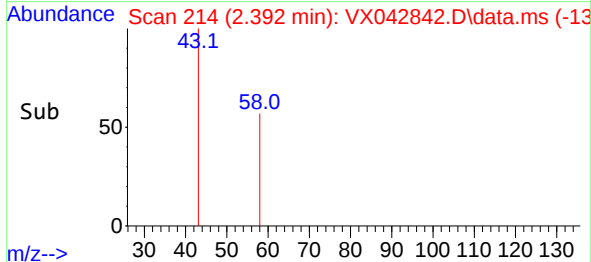
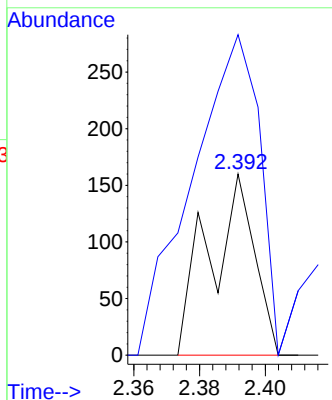
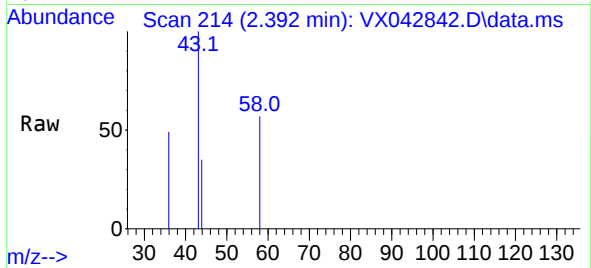




#15
Acetone
Concen: 0.657 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX042842.D
Acq: 02 Aug 2024 14:55

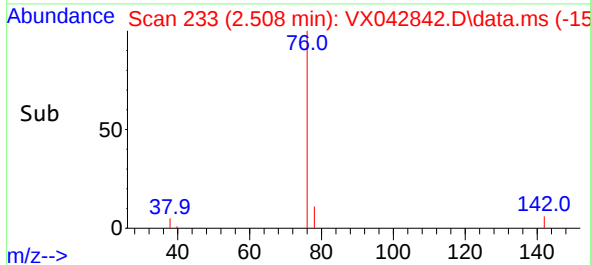
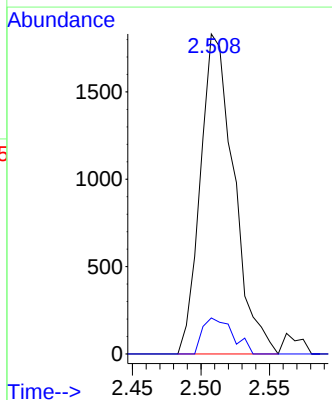
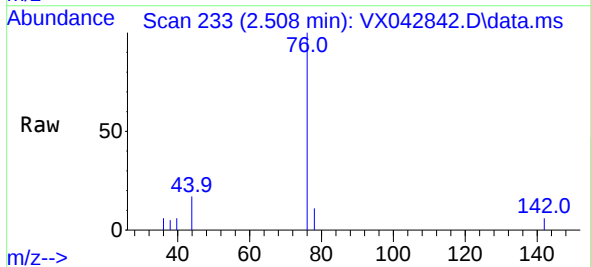
Instrument :
MSVOA_X
ClientSampleId :

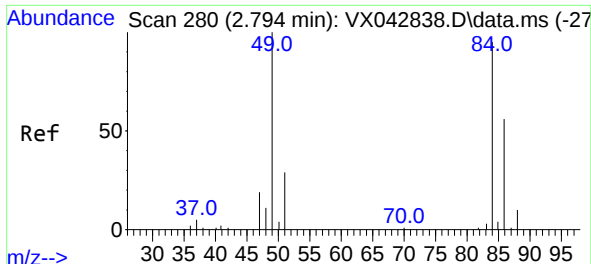
Tgt Ion: 58 Resp: 153
Ion Ratio Lower Upper
58 100
43 176.9 243.4 365.2#



#16
Carbon Disulfide
Concen: 1.437 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX042842.D
Acq: 02 Aug 2024 14:55

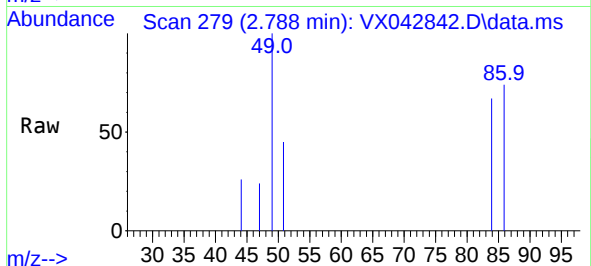
Tgt Ion: 76 Resp: 3114
Ion Ratio Lower Upper
76 100
78 11.2 7.3 10.9#





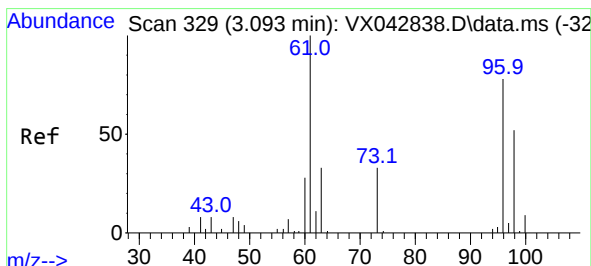
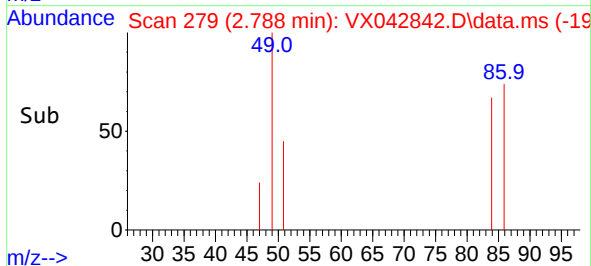
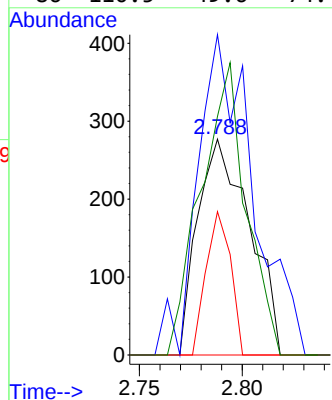
#18
Methylene Chloride
Concen: 0.368 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX042842.D
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Instrument :
MSVOA_X
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Tgt Ion: 84 Resp: 487

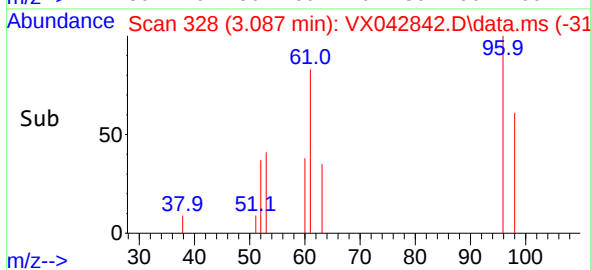
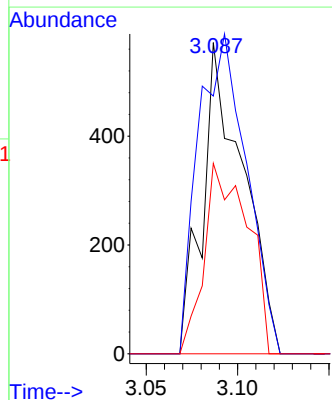
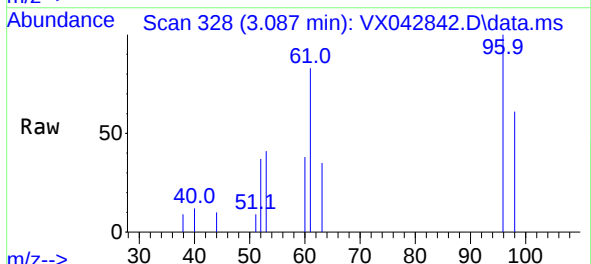
Ion	Ratio	Lower	Upper
84	100		
49	148.4	85.3	127.9#
51	66.4	28.5	42.7#
86	110.5	49.6	74.4#

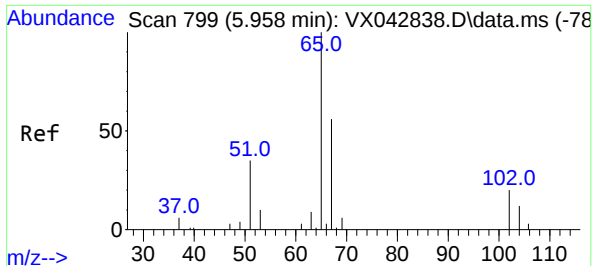


#19
trans-1,2-Dichloroethene
Concen: 0.808 ug/l
RT: 3.087 min Scan# 328
Delta R.T. -0.006 min
Lab File: VX042842.D
Acq: 02 Aug 2024 14:55

Tgt Ion: 96 Resp: 888

Ion	Ratio	Lower	Upper
96	100		
61	82.9	100.1	150.1#
98	61.2	52.1	78.1

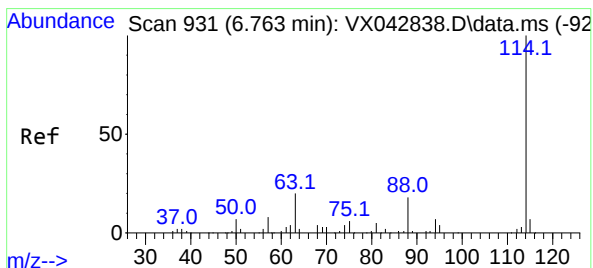
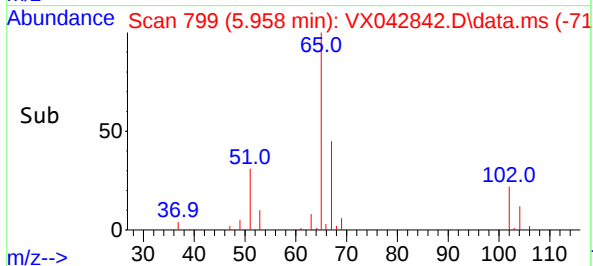
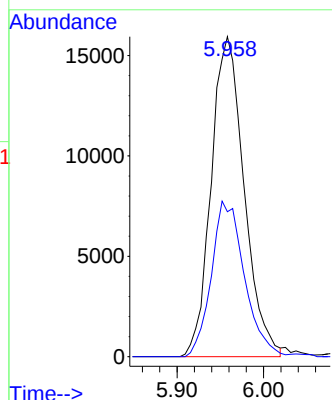
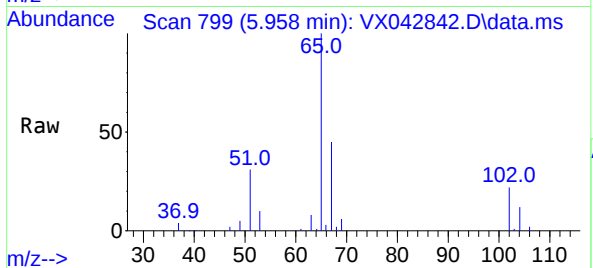




#27
1,2-Dichloroethane-d4
Concen: 25.271 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX042842.D
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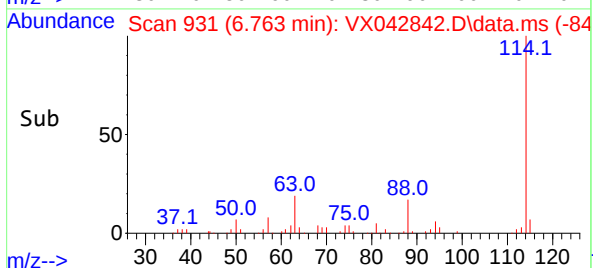
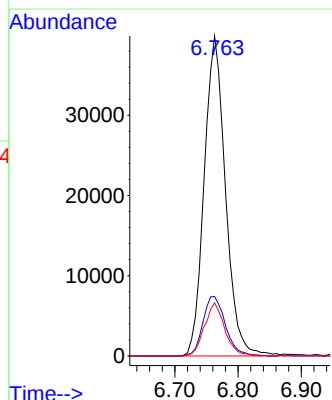
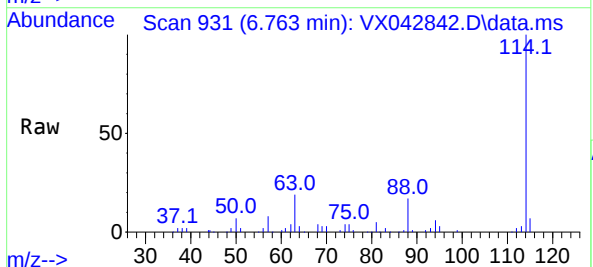
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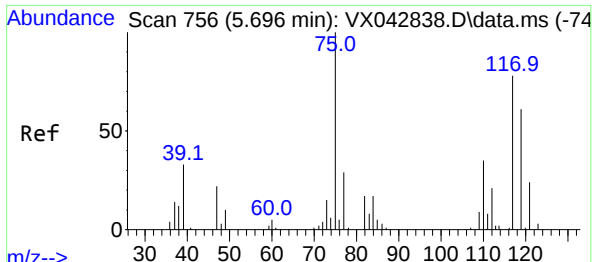
Tgt Ion: 65 Resp: 42131
Ion Ratio Lower Upper
65 100
67 48.7 43.4 65.0



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX042842.D
Acq: 02 Aug 2024 14:55

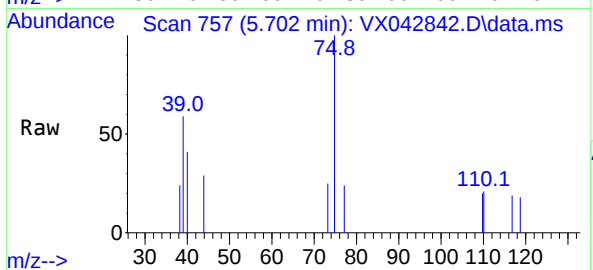
Tgt Ion: 114 Resp: 93610
Ion Ratio Lower Upper
114 100
63 19.5 14.6 21.8
88 15.9 11.8 17.8



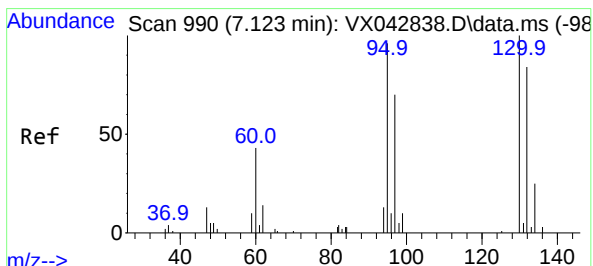
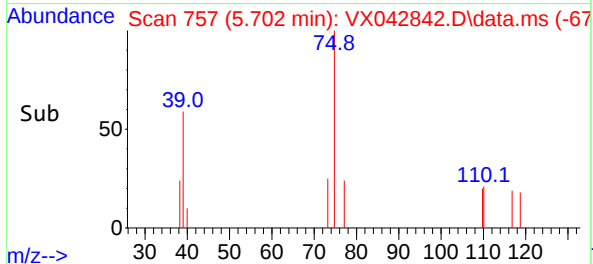
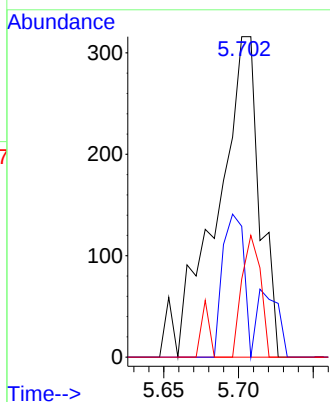


#29
1,1-Dichloropropene
Concen: 0.473 ug/l
RT: 5.702 min Scan# 75
Delta R.T. 0.006 min
Lab File: VX042842.D
Acq: 02 Aug 2024 14:55

Instrument :
MSVOA_X
ClientSampleId :

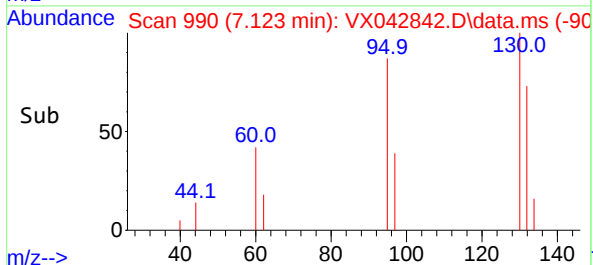
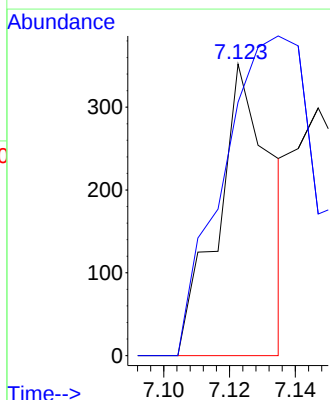
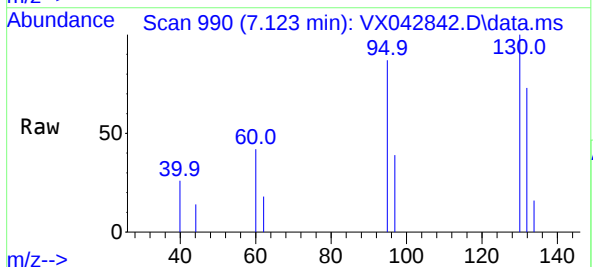


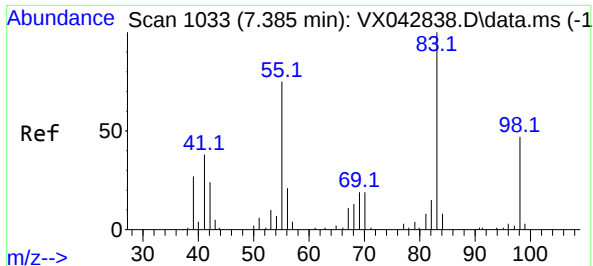
Tgt Ion: 75 Resp: 613
Ion Ratio Lower Upper
75 100
110 22.7 0.0 80.2
77 0.0 0.0 65.2



#37
Trichloroethene
Concen: 0.388 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX042842.D
Acq: 02 Aug 2024 14:55

Tgt Ion: 130 Resp: 401
Ion Ratio Lower Upper
130 100
95 86.9 69.4 104.0





#38

Methylcyclohexane

Concen: 0.243 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX042842.D

Acq: 02 Aug 2024 14:55

Instrument :

MSVOA_X

ClientSampleId :

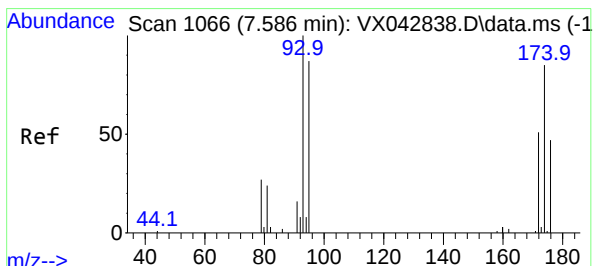
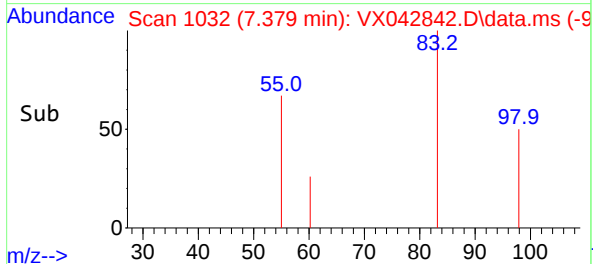
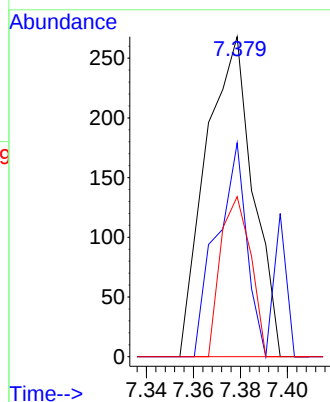
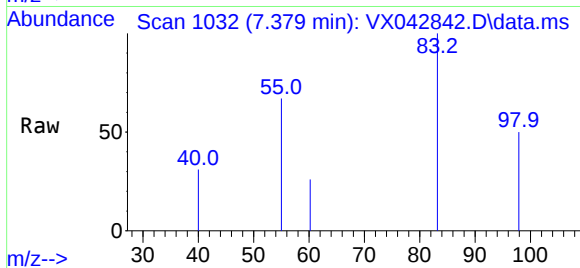
Tgt Ion: 83 Resp: 373

Ion Ratio Lower Upper

83 100

55 42.9 37.3 111.9

98 31.9 24.8 74.4



#40

Dibromomethane

Concen: 0.219 ug/l

RT: 7.598 min Scan# 1068

Delta R.T. 0.012 min

Lab File: VX042842.D

Acq: 02 Aug 2024 14:55

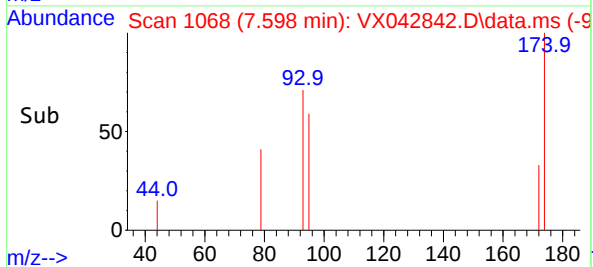
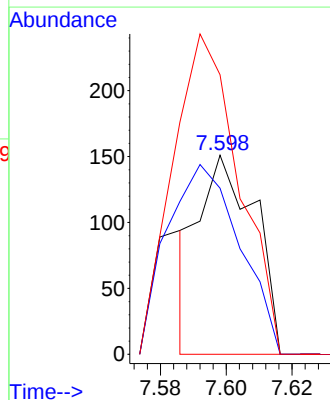
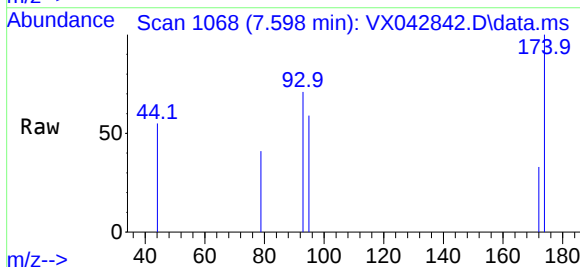
Tgt Ion: 93 Resp: 175

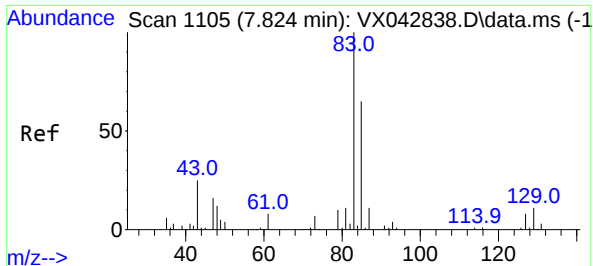
Ion Ratio Lower Upper

93 100

95 126.3 0.0 168.6

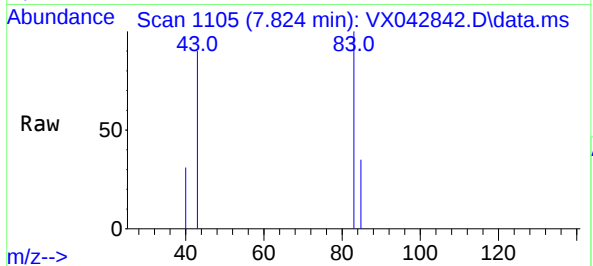
174 194.9 0.0 255.0



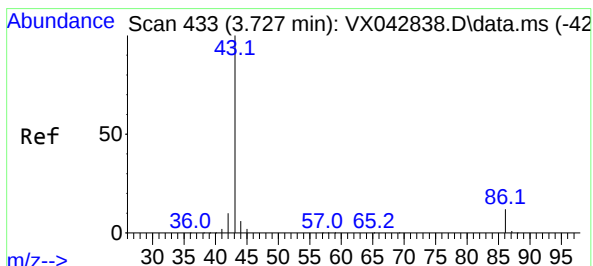
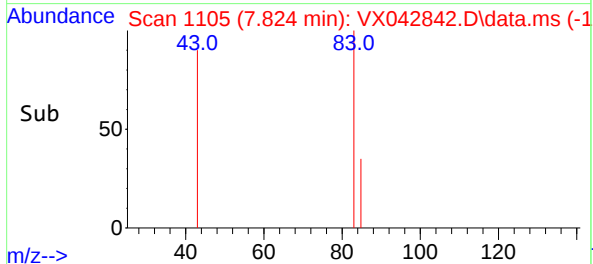
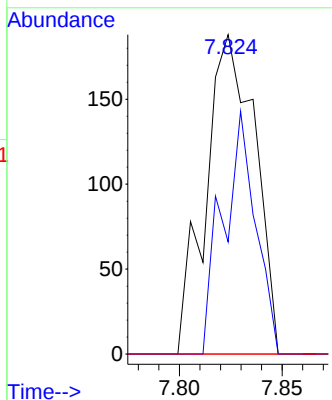


#41
Bromodichloromethane
Concen: 0.200 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX042842.D
Acq: 02 Aug 2024 14:55

Instrument :
MSVOA_X
ClientSampleId :

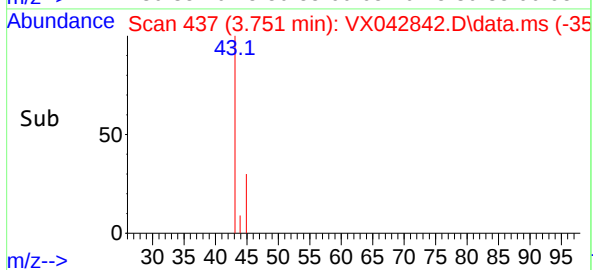
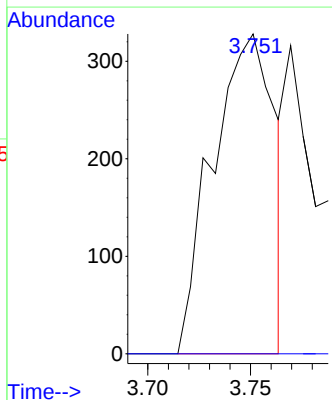
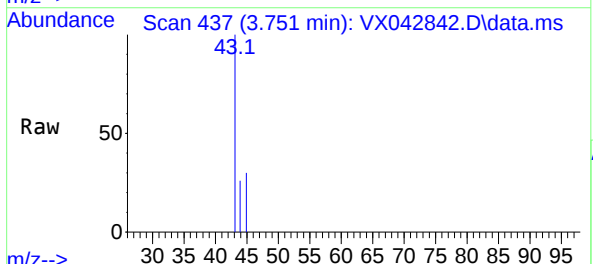


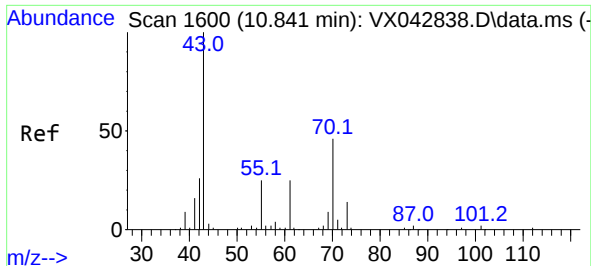
Tgt Ion: 83 Resp: 314
Ion Ratio Lower Upper
83 100
85 35.1 51.1 76.7#
127 0.0 8.1 12.1#



#42
Vinyl Acetate
Concen: 0.279 ug/l
RT: 3.751 min Scan# 437
Delta R.T. 0.024 min
Lab File: VX042842.D
Acq: 02 Aug 2024 14:55

Tgt Ion: 43 Resp: 687
Ion Ratio Lower Upper
43 100
86 0.0 8.5 12.7#





#47

n-amy1 Acetate

Concen: 0.313 ug/l

RT: 10.848 min Scan# 1600

Delta R.T. 0.006 min

Lab File: VX042842.D

Acq: 02 Aug 2024 14:55

Instrument :

MSVOA_X

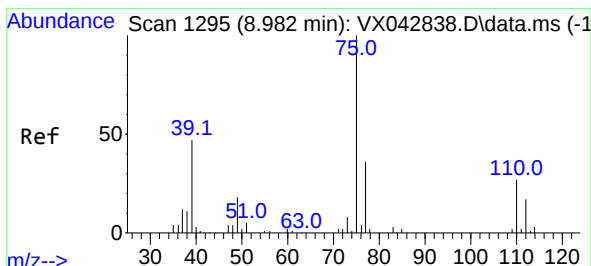
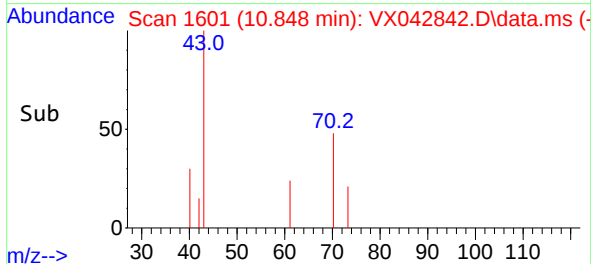
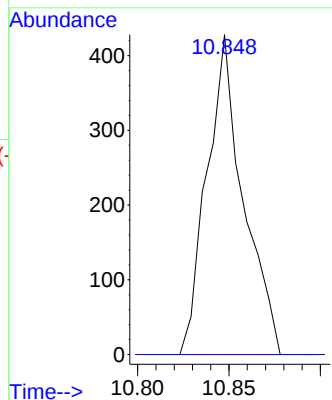
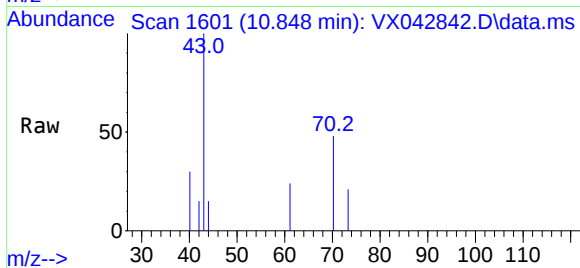
ClientSampleId :

Tgt Ion: 43 Resp: 594

Ion Ratio Lower Upper

43 100

55 0.0 21.0 31.4#



#48

t-1,3-Dichloropropene

Concen: 0.267 ug/l

RT: 8.982 min Scan# 1295

Delta R.T. -0.000 min

Lab File: VX042842.D

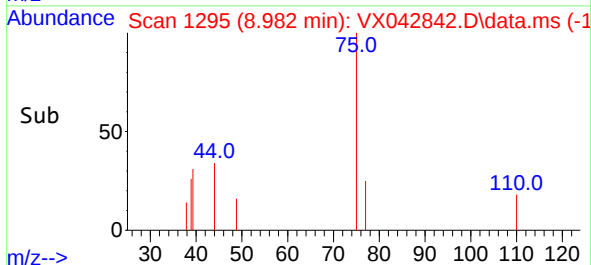
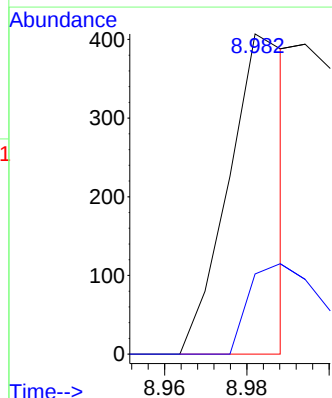
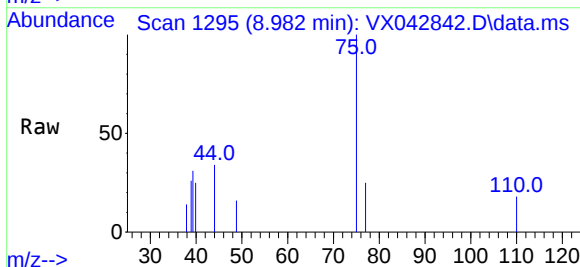
Acq: 02 Aug 2024 14:55

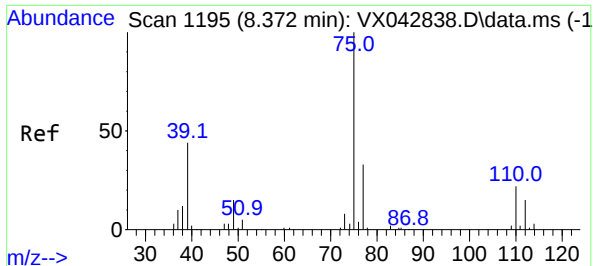
Tgt Ion: 75 Resp: 403

Ion Ratio Lower Upper

75 100

77 25.1 25.1 37.7#





#49

cis-1,3-Dichloropropene

Concen: 0.314 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. -0.000 min

Lab File: VX042842.D

Acq: 02 Aug 2024 14:55

Instrument :

MSVOA_X

ClientSampleId :

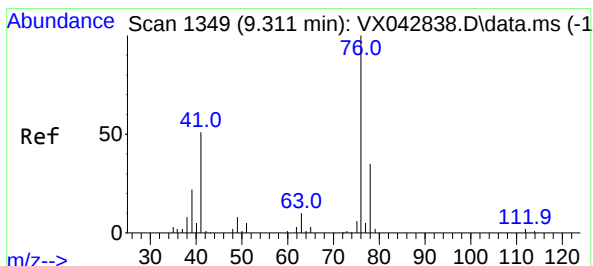
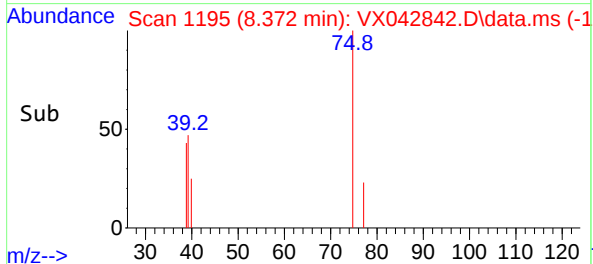
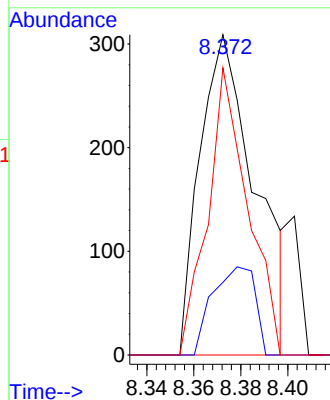
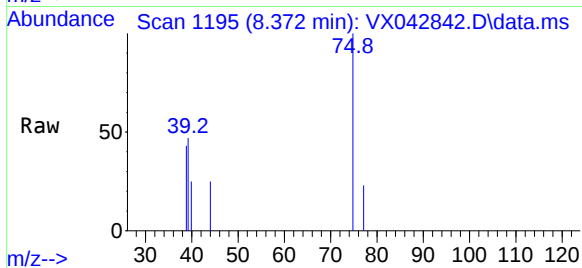
Tgt Ion: 75 Resp: 509

Ion	Ratio	Lower	Upper
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75	100		
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77	22.7	25.8	38.8#
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39	89.6	34.8	52.2#
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#52

1,3-Dichloropropane

Concen: 0.250 ug/l

RT: 9.311 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VX042842.D

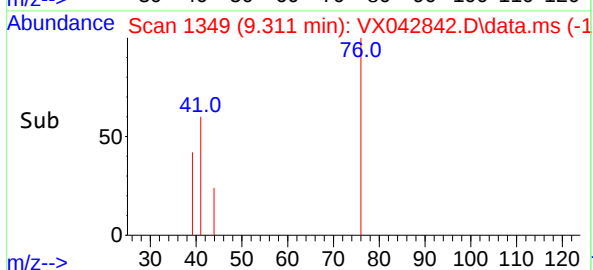
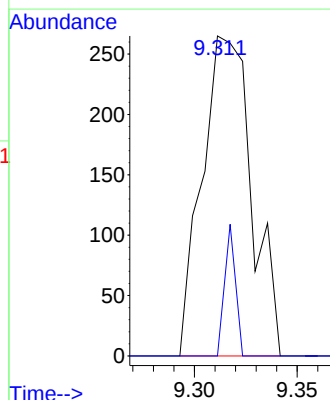
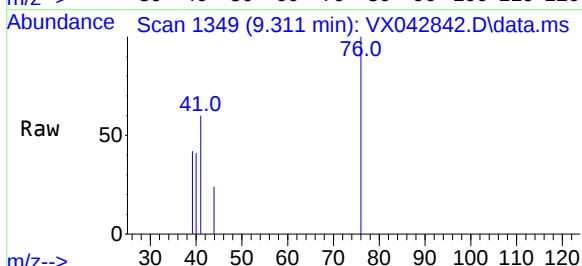
Acq: 02 Aug 2024 14:55

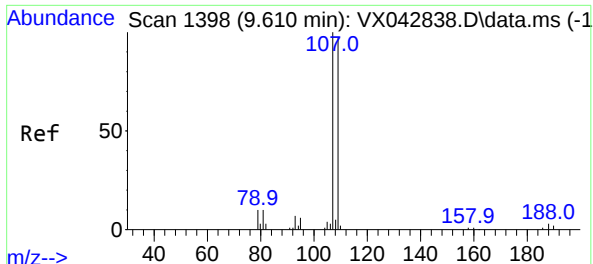
Tgt Ion: 76 Resp: 445

Ion	Ratio	Lower	Upper
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76	100		
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78	0.0	0.0	66.0
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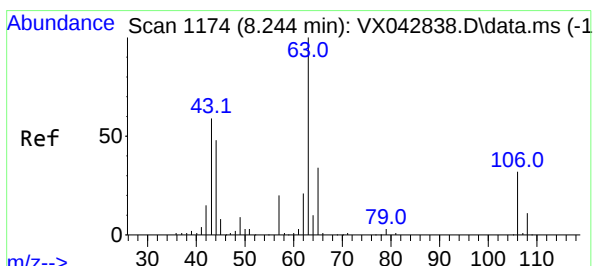
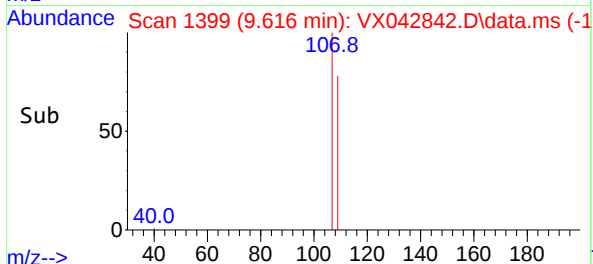
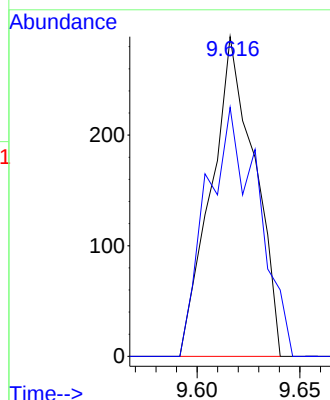
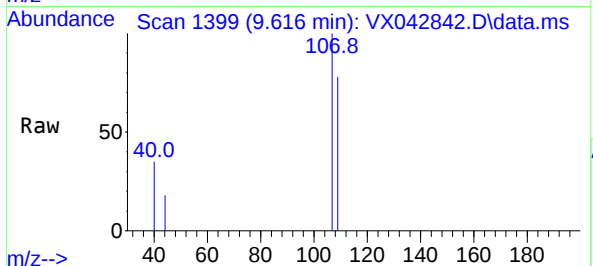




#54
1,2-Dibromoethane
Concen: 0.377 ug/l
RT: 9.616 min Scan# 1175
Delta R.T. 0.006 min
Lab File: VX042842.D
Acq: 02 Aug 2024 14:55

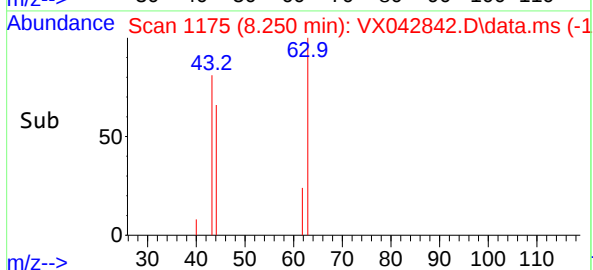
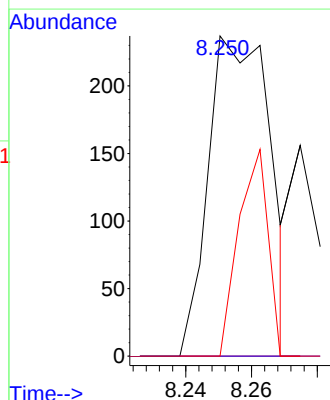
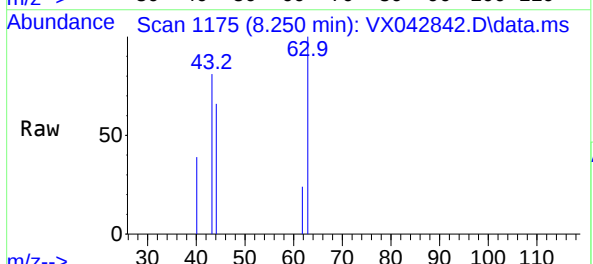
Instrument :
MSVOA_X
ClientSampleId :

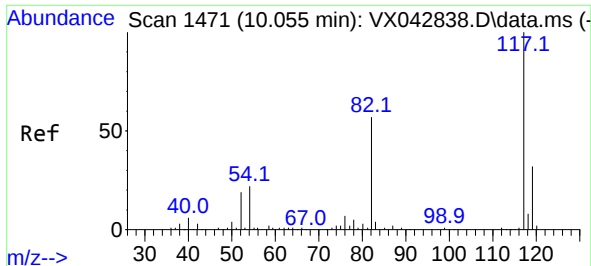
Tgt Ion:107 Resp: 424
Ion Ratio Lower Upper
107 100
109 92.5 75.7 113.5



#55
2-Chloroethyl vinyl ether
Concen: 0.402 ug/l
RT: 8.250 min Scan# 1175
Delta R.T. 0.006 min
Lab File: VX042842.D
Acq: 02 Aug 2024 14:55

Tgt Ion: 63 Resp: 311
Ion Ratio Lower Upper
63 100
65 0.0 25.7 38.5#
106 30.2 25.3 37.9





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

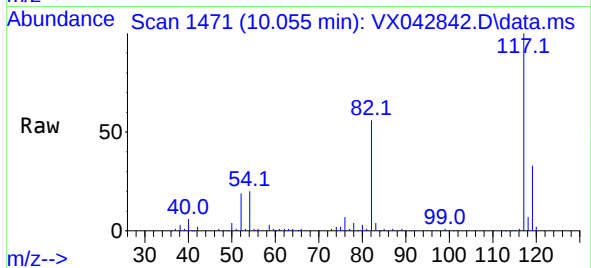
Lab File: VX042842.D

Acq: 02 Aug 2024 14:55

Instrument :

MSVOA_X

ClientSampleId :



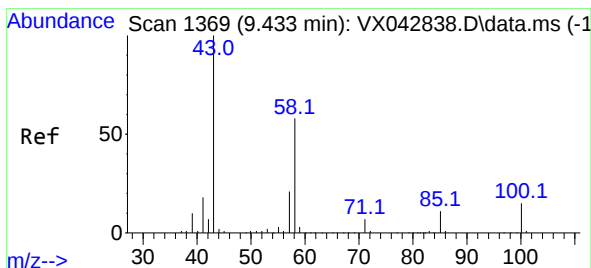
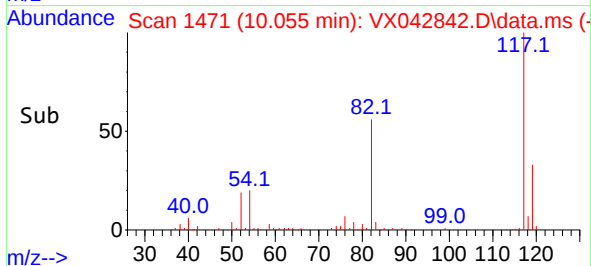
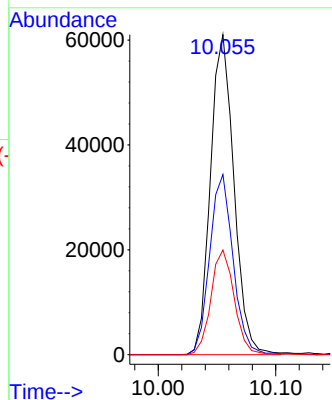
Tgt Ion:117 Resp: 84732

Ion Ratio Lower Upper

117 100

82 56.3 41.1 61.7

119 32.6 26.1 39.1



#59

2-Hexanone

Concen: 0.679 ug/l

RT: 9.445 min Scan# 1371

Delta R.T. 0.012 min

Lab File: VX042842.D

Acq: 02 Aug 2024 14:55

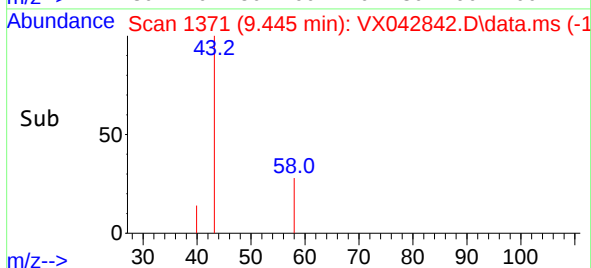
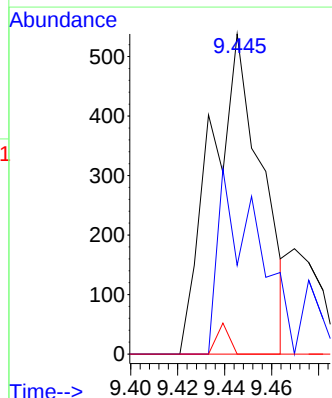
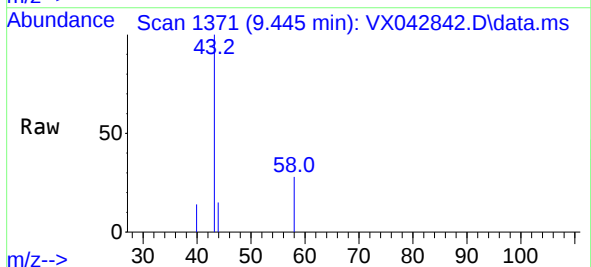
Tgt Ion: 43 Resp: 807

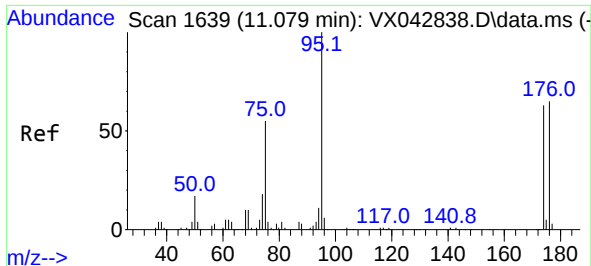
Ion Ratio Lower Upper

43 100

58 20.8 46.0 69.0#

57 0.0 15.8 23.6#

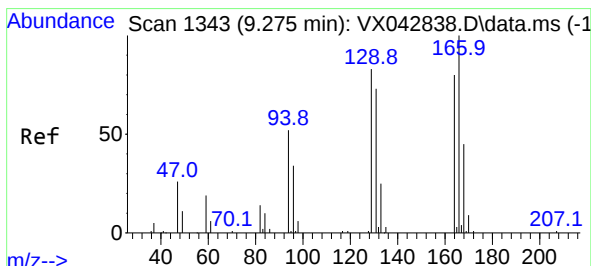
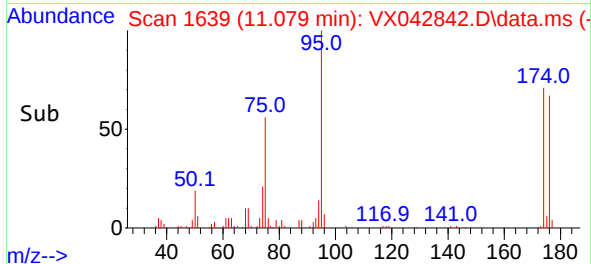
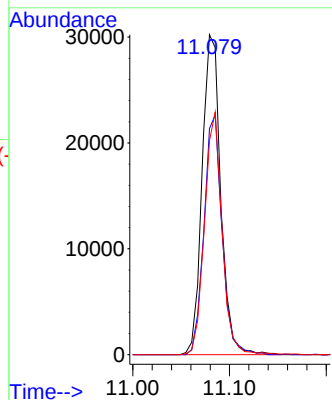
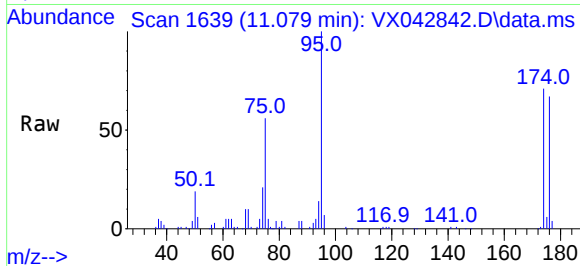




#60
4-Bromofluorobenzene
Concen: 28.683 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX042842.D
Acq: 02 Aug 2024 14:55

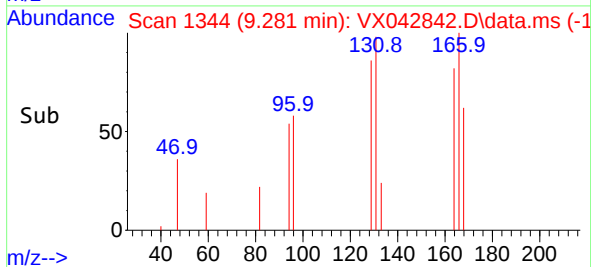
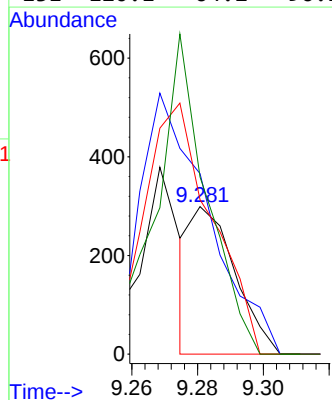
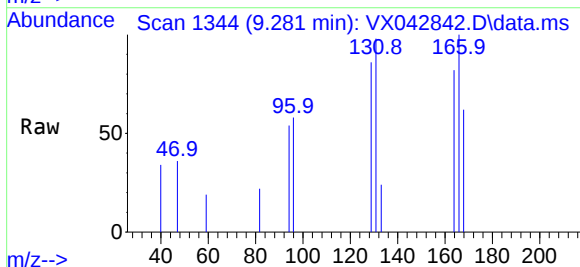
Instrument :
MSVOA_X
ClientSampleId :

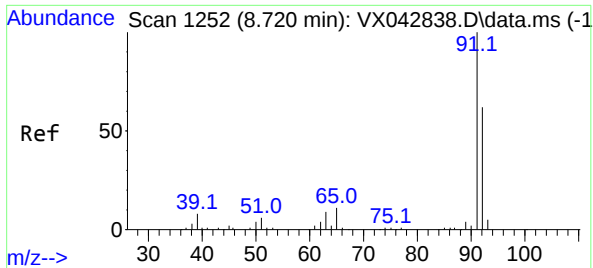
Tgt Ion: 95 Resp: 40538
Ion Ratio Lower Upper
95 100
174 72.9 78.9 118.3#
176 71.4 77.1 115.7#



#61
Tetrachloroethene
Concen: 0.309 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX042842.D
Acq: 02 Aug 2024 14:55

Tgt Ion:164 Resp: 274
Ion Ratio Lower Upper
164 100
166 122.4 105.0 157.6
129 104.7 67.1 100.7#
131 120.1 64.2 96.2#

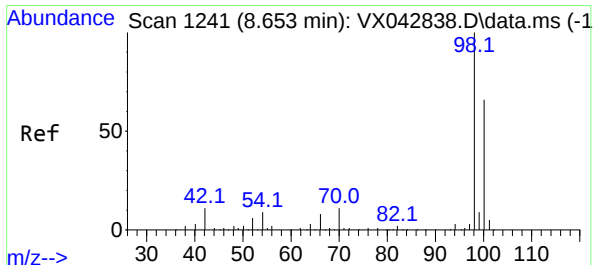
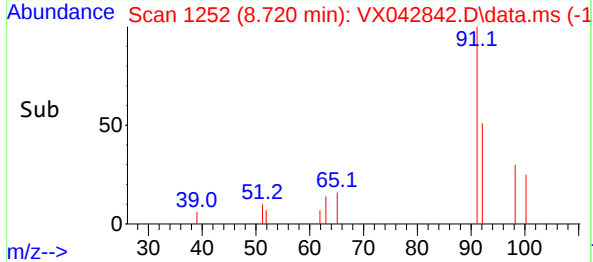
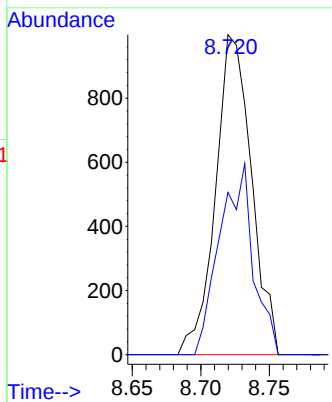
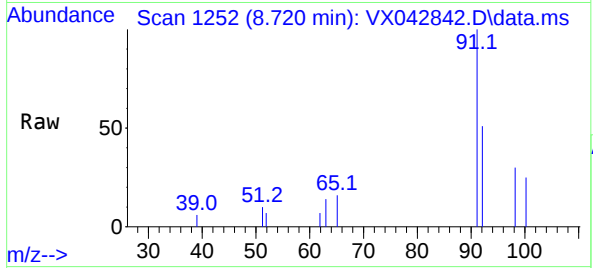




#62
Toluene
Concen: 0.425 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042842.D
Acq: 02 Aug 2024 14:55

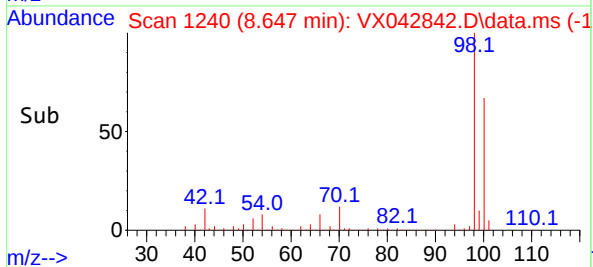
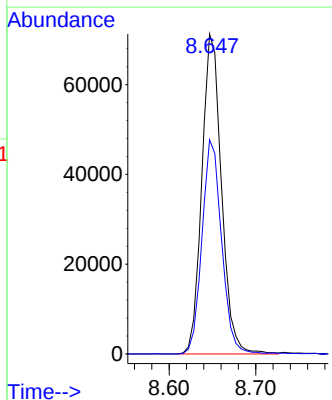
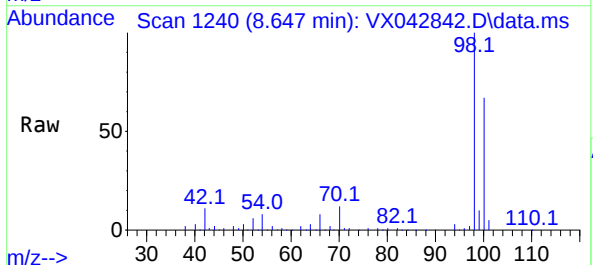
Instrument :
MSVOA_X
ClientSampleId :

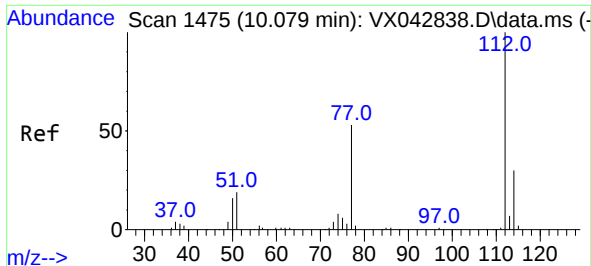
Tgt Ion: 91 Resp: 1821
Ion Ratio Lower Upper
91 100
92 55.6 47.4 71.2



#63
Toluene-d8
Concen: 30.036 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX042842.D
Acq: 02 Aug 2024 14:55

Tgt Ion: 98 Resp: 112255
Ion Ratio Lower Upper
98 100
100 66.6 52.7 79.1

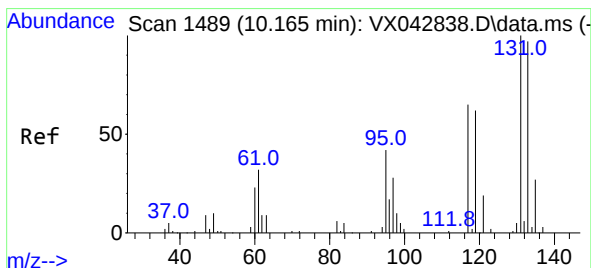
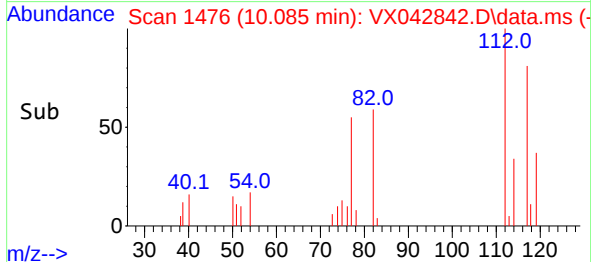
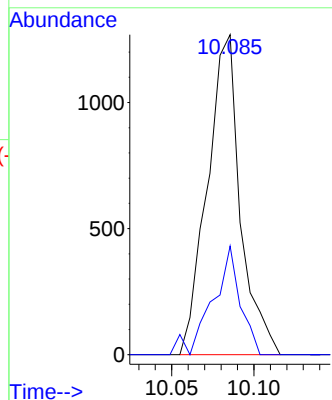
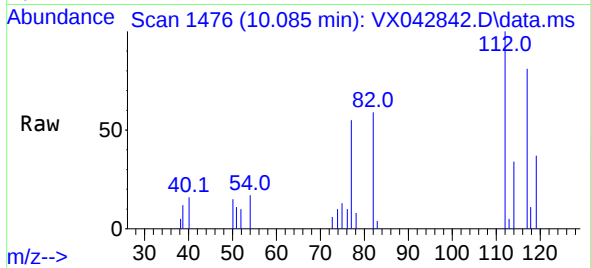




#64
Chlorobenzene
Concen: 0.621 ug/l
RT: 10.085 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VX042842.D
Acq: 02 Aug 2024 14:55

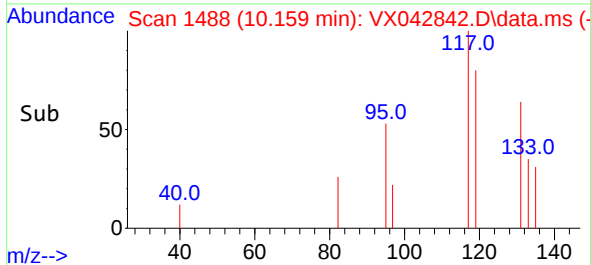
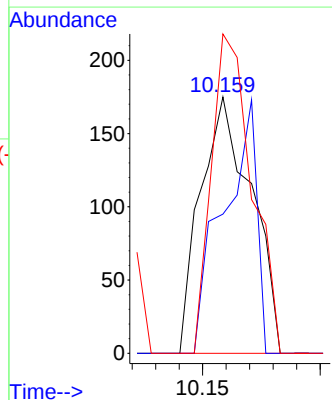
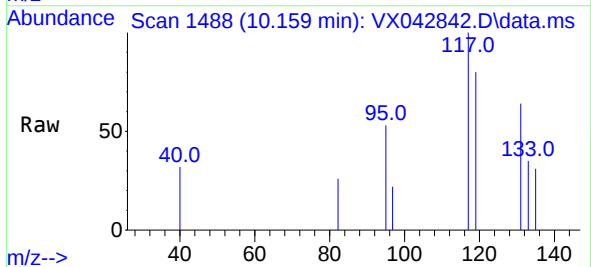
Instrument :
MSVOA_X
ClientSampleId :

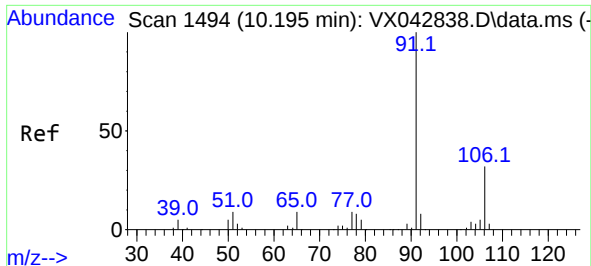
Tgt Ion:112 Resp: 1770
Ion Ratio Lower Upper
112 100
114 34.0 26.2 39.4



#65
1,1,1,2-Tetrachloroethane
Concen: 0.259 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX042842.D
Acq: 02 Aug 2024 14:55

Tgt Ion:131 Resp: 264
Ion Ratio Lower Upper
131 100
133 39.0 0.0 194.8
119 99.2 0.0 127.6

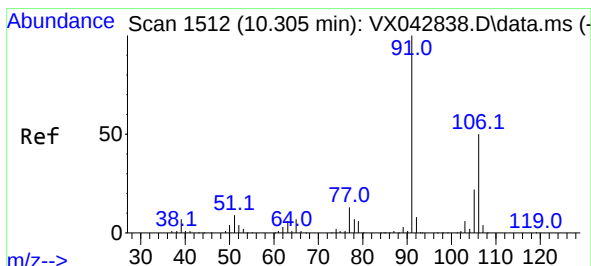
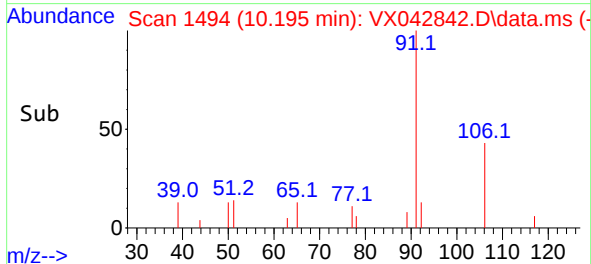
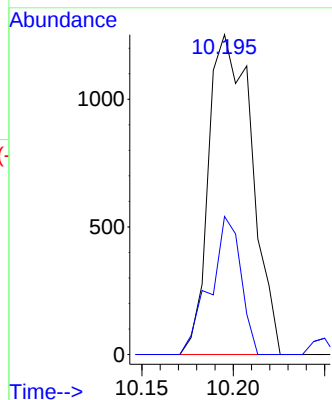
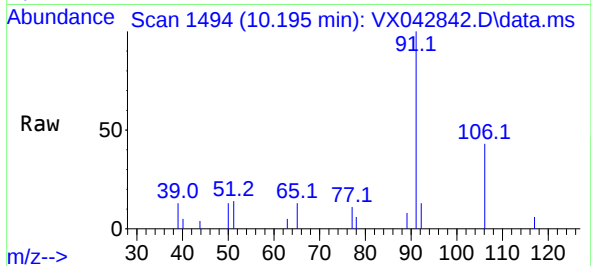




#66
Ethyl Benzene
Concen: 0.430 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX042842.D
Acq: 02 Aug 2024 14:55

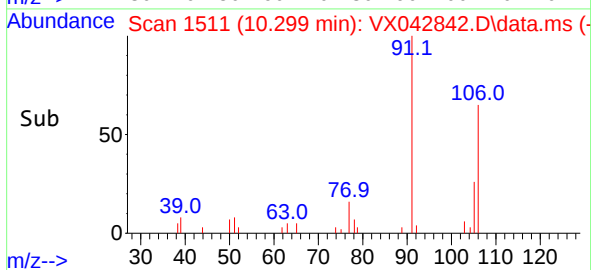
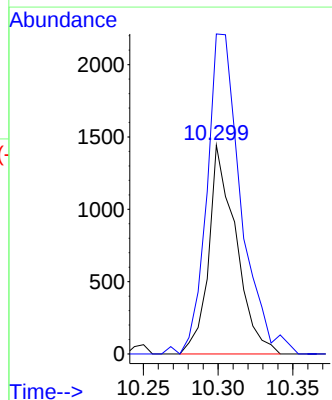
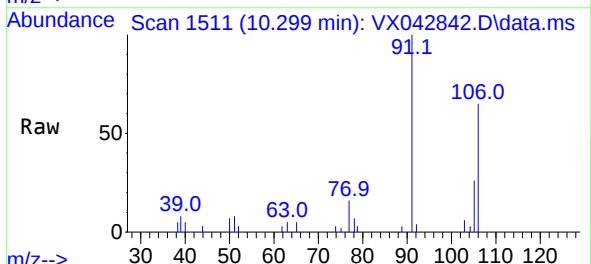
Instrument :
MSVOA_X
ClientSampleId :

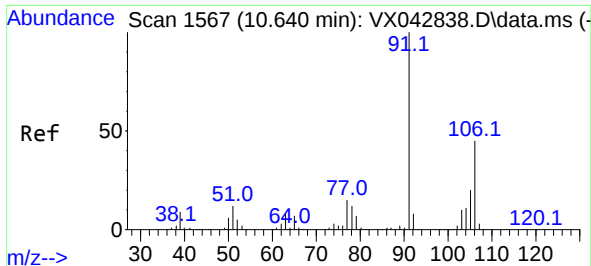
Tgt Ion: 91 Resp: 2058
Ion Ratio Lower Upper
91 100
106 43.2 26.4 39.6#



#67
m/p-Xylenes
Concen: 0.994 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX042842.D
Acq: 02 Aug 2024 14:55

Tgt Ion: 106 Resp: 1838
Ion Ratio Lower Upper
106 100
91 185.9 157.0 235.6

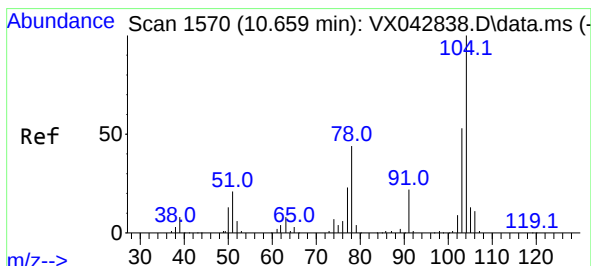
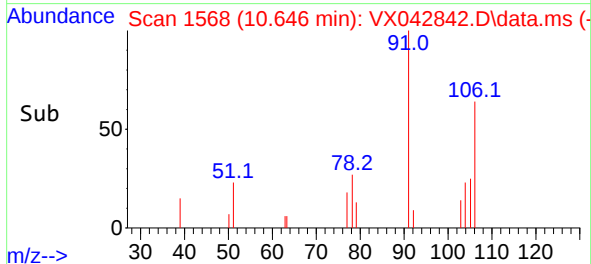
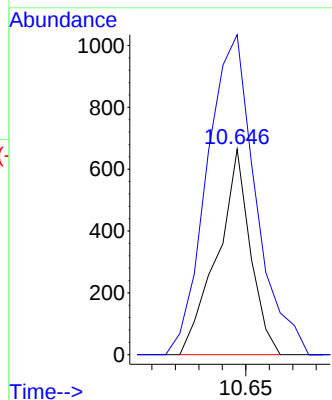
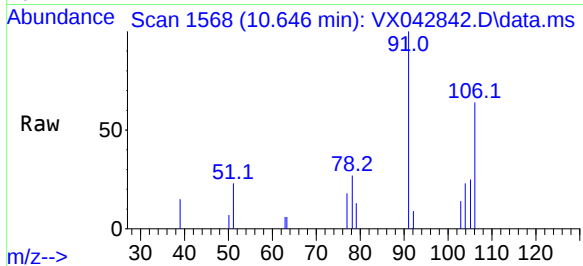




#68
o-Xylene
Concen: 0.361 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX042842.D
Acq: 02 Aug 2024 14:55

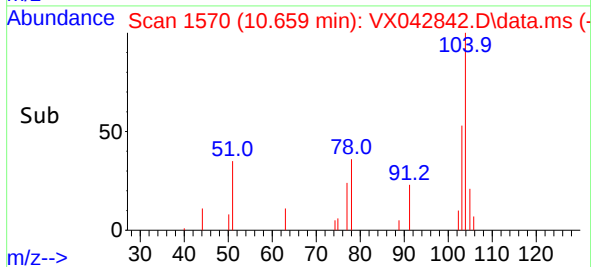
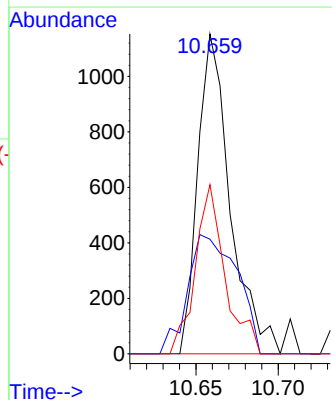
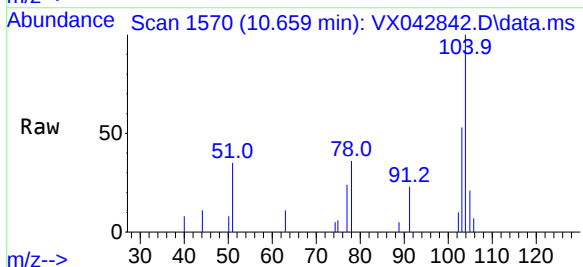
Instrument :
MSVOA_X
ClientSampleId :

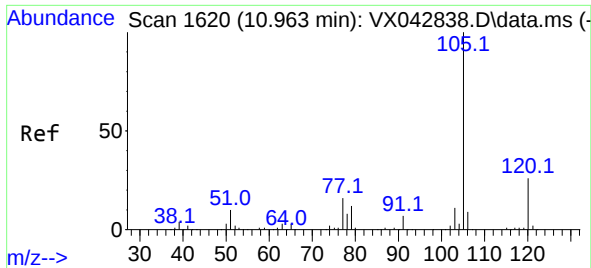
Tgt Ion:106 Resp: 651
Ion Ratio Lower Upper
106 100
91 228.9 103.2 309.6



#69
Styrene
Concen: 0.516 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX042842.D
Acq: 02 Aug 2024 14:55

Tgt Ion:104 Resp: 1581
Ion Ratio Lower Upper
104 100
78 56.9 36.5 54.7#
103 45.5 43.4 65.2

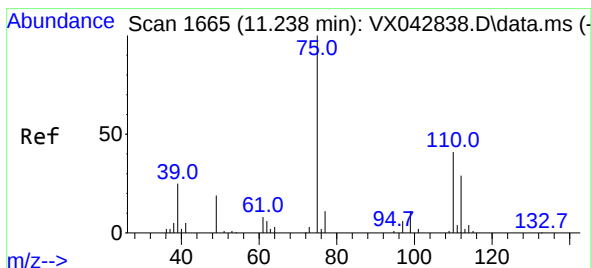
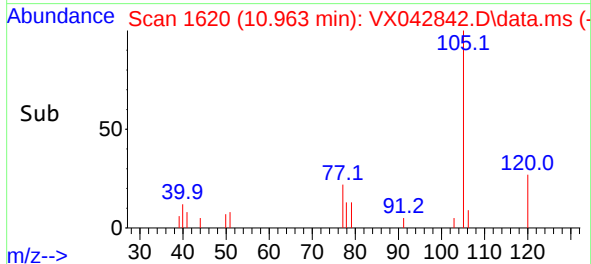
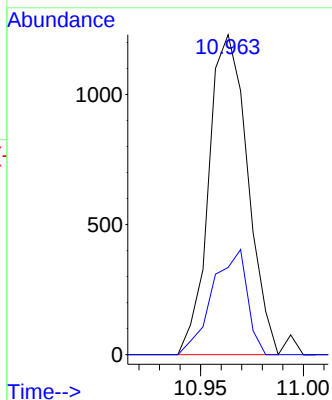
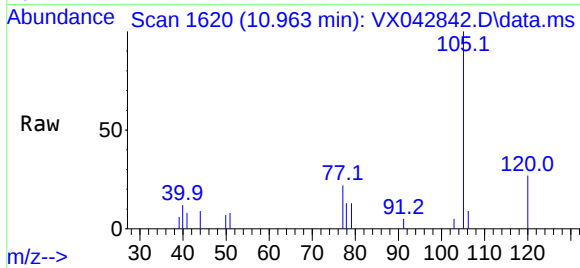




#70
Isopropylbenzene
Concen: 0.342 ug/l
RT: 10.963 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX042842.D
Acq: 02 Aug 2024 14:55

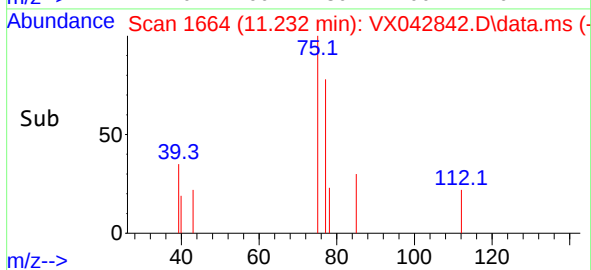
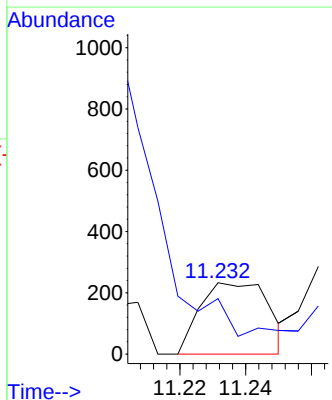
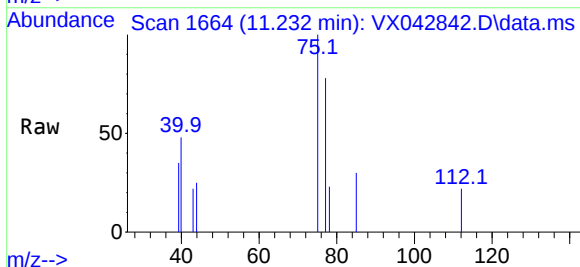
Instrument :
MSVOA_X
ClientSampleId :

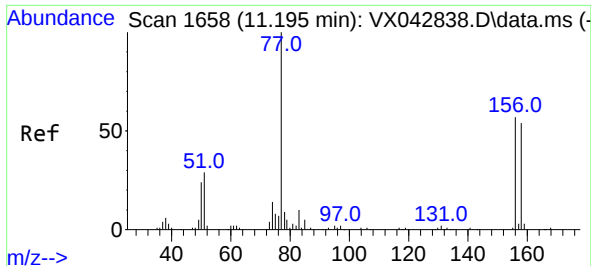
Tgt Ion:105 Resp: 1617
Ion Ratio Lower Upper
105 100
120 29.4 19.2 35.6



#72
1,2,3-Trichloropropane
Concen: 0.239 ug/l
RT: 11.232 min Scan# 1664
Delta R.T. -0.006 min
Lab File: VX042842.D
Acq: 02 Aug 2024 14:55

Tgt Ion: 75 Resp: 339
Ion Ratio Lower Upper
75 100
77 25.7 0.0 79.6

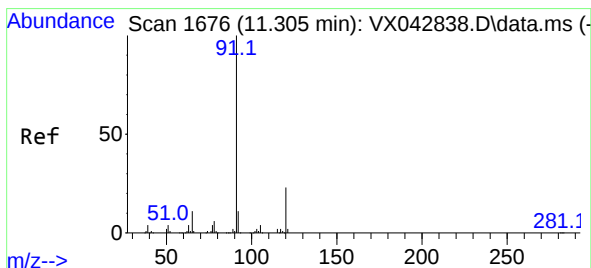
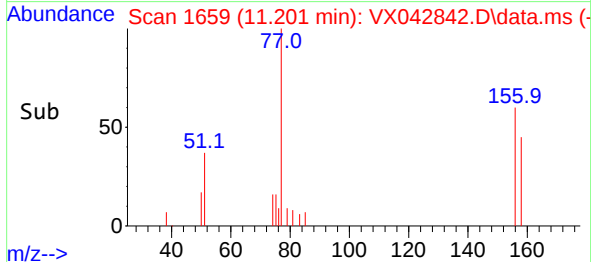
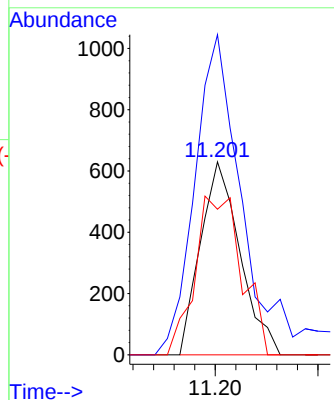
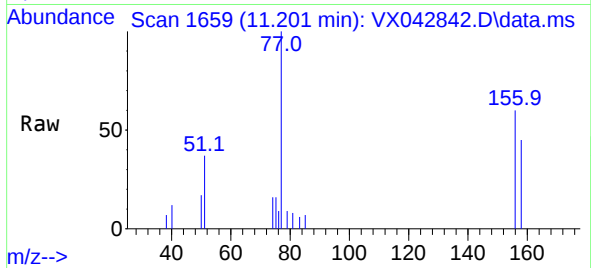




#73
Bromobenzene
Concen: 0.736 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX042842.D
Acq: 02 Aug 2024 14:55

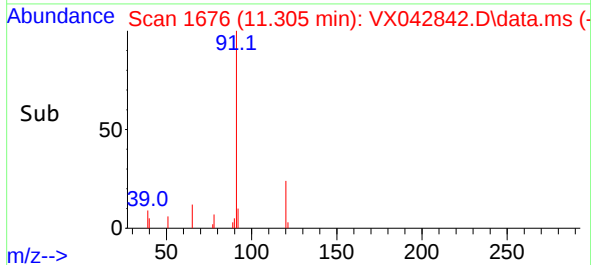
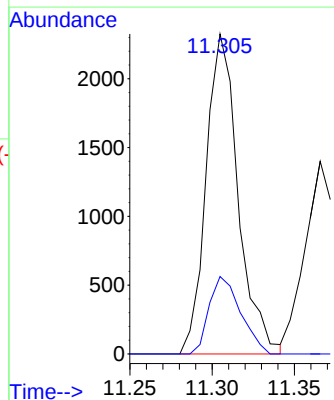
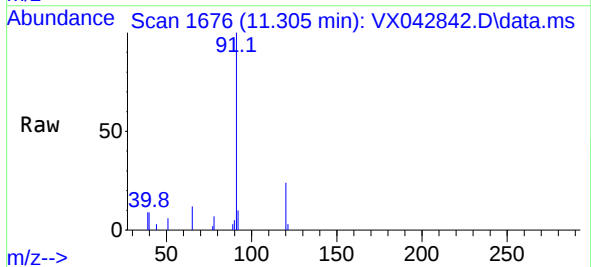
Instrument :
MSVOA_X
ClientSampleId :

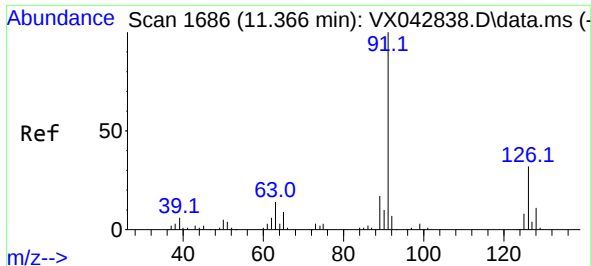
Tgt Ion:156 Resp: 843
Ion Ratio Lower Upper
156 100
77 183.5 0.0 266.2
158 96.9 0.0 195.2



#74
n-propylbenzene
Concen: 0.579 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX042842.D
Acq: 02 Aug 2024 14:55

Tgt Ion: 91 Resp: 3157
Ion Ratio Lower Upper
91 100
120 23.8 0.0 49.6

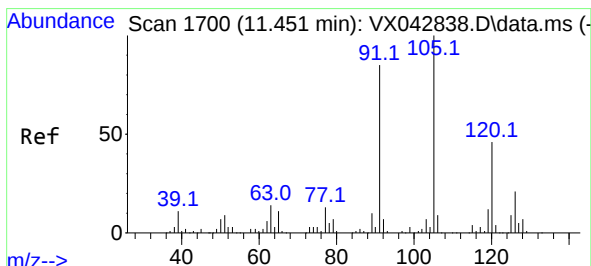
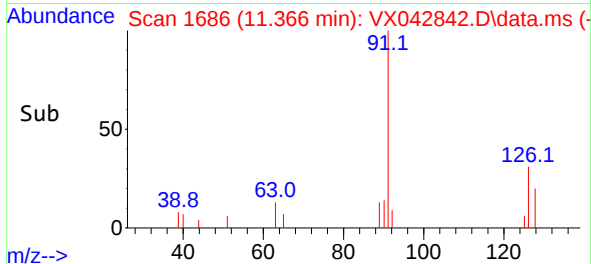
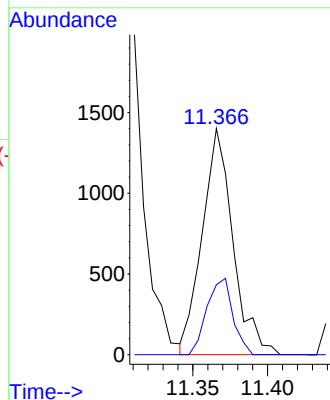
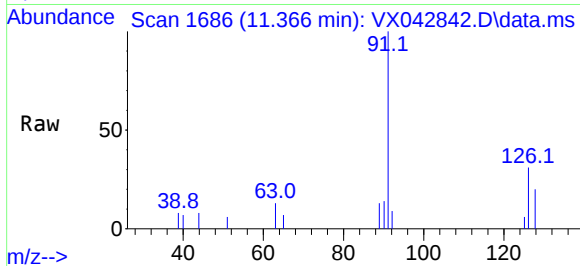




#75
2-Chlorotoluene
Concen: 0.590 ug/l
RT: 11.366 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042842.D
Acq: 02 Aug 2024 14:55

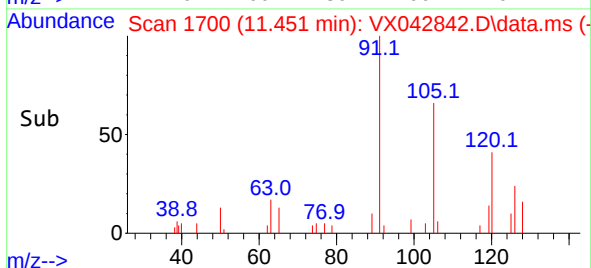
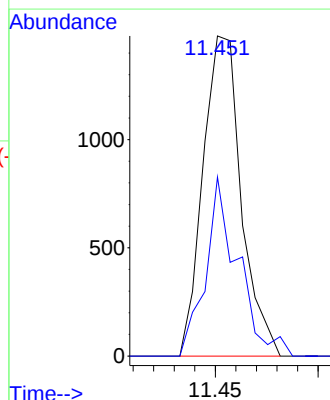
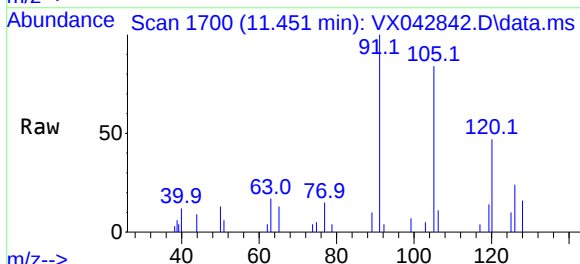
Instrument :
MSVOA_X
ClientSampleId :

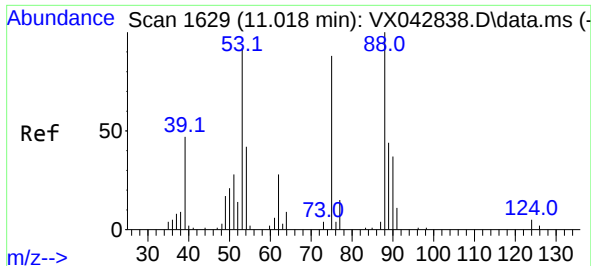
Tgt Ion: 91 Resp: 2003
Ion Ratio Lower Upper
91 100
126 28.5 0.0 72.6



#76
1,3,5-Trimethylbenzene
Concen: 0.479 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX042842.D
Acq: 02 Aug 2024 14:55

Tgt Ion: 105 Resp: 1915
Ion Ratio Lower Upper
105 100
120 45.4 0.0 103.0

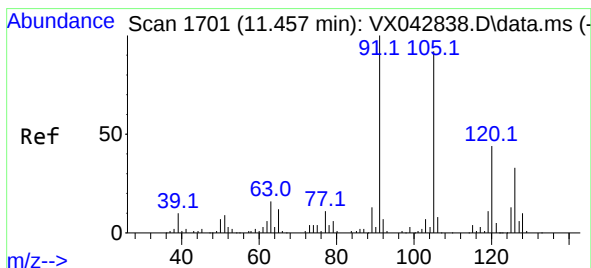
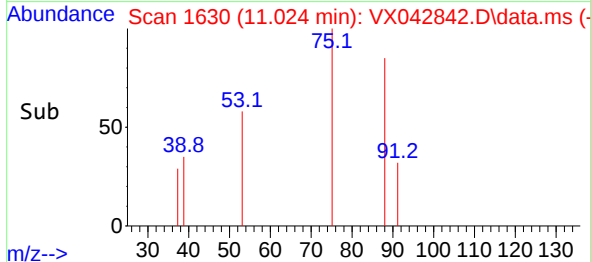
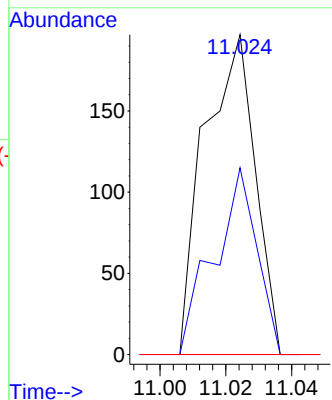
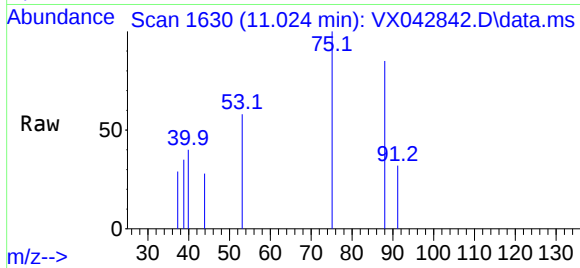




#77
t-1,4-Dichloro-2-butene
Concen: 0.425 ug/l
RT: 11.024 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VX042842.D
Acq: 02 Aug 2024 14:55

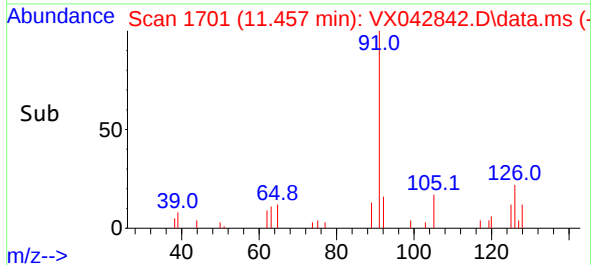
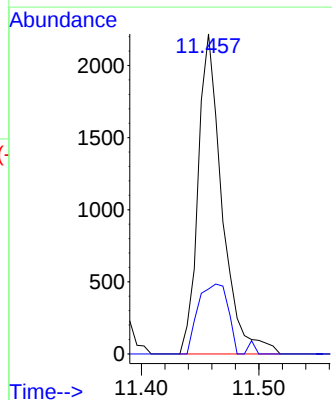
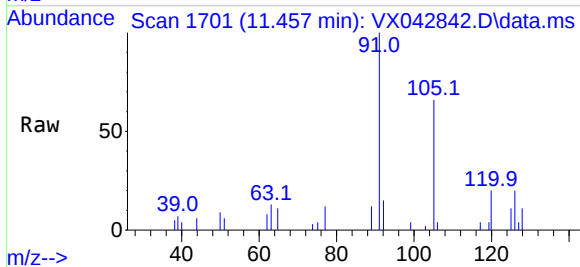
Instrument :
MSVOA_X
ClientSampleId :

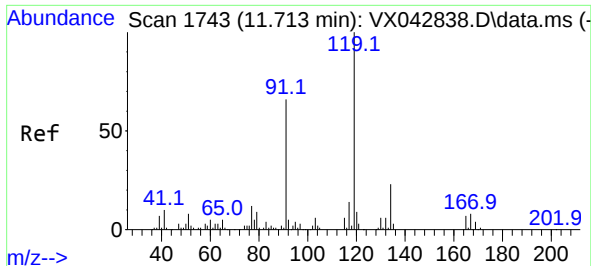
Tgt Ion: 75 Resp: 211
Ion Ratio Lower Upper
75 100
53 58.4 53.4 160.2
89 0.0 22.5 67.5#



#78
4-Chlorotoluene
Concen: 0.807 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX042842.D
Acq: 02 Aug 2024 14:55

Tgt Ion: 91 Resp: 3139
Ion Ratio Lower Upper
91 100
126 27.0 0.0 64.8

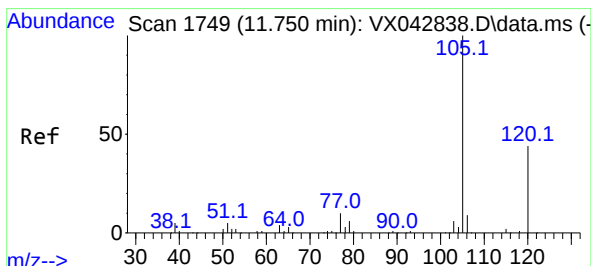
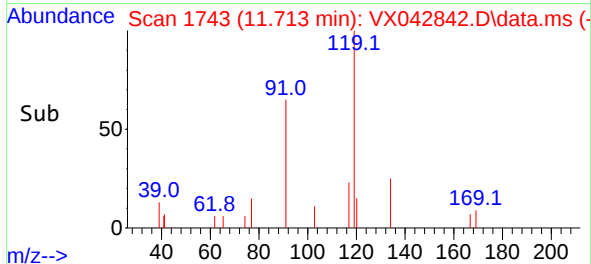
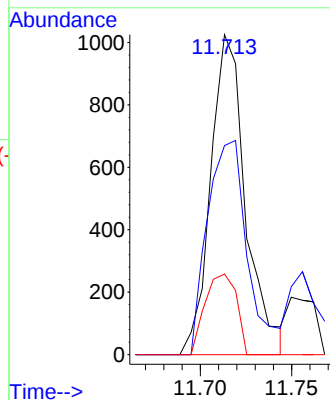
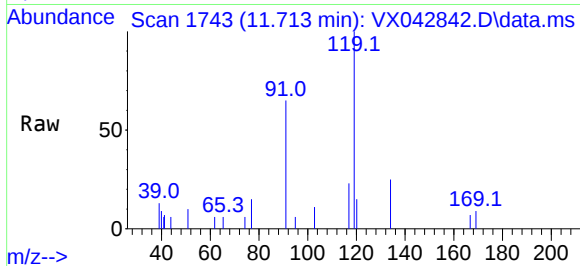




#79
tert-butylbenzene
Concen: 0.340 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX042842.D
Acq: 02 Aug 2024 14:55

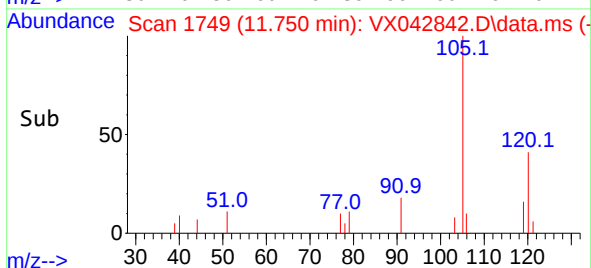
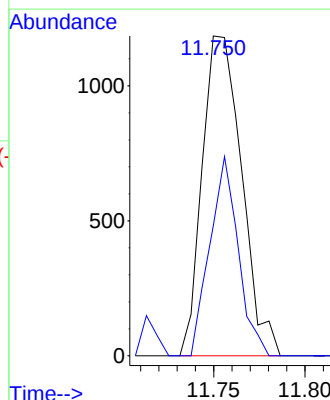
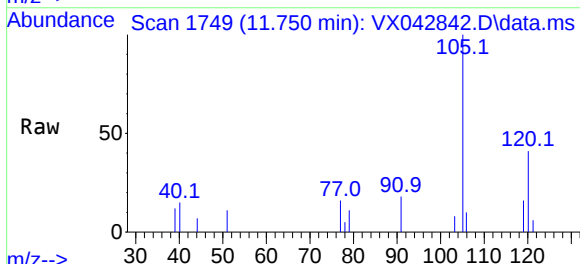
Instrument :
MSVOA_X
ClientSampleId :

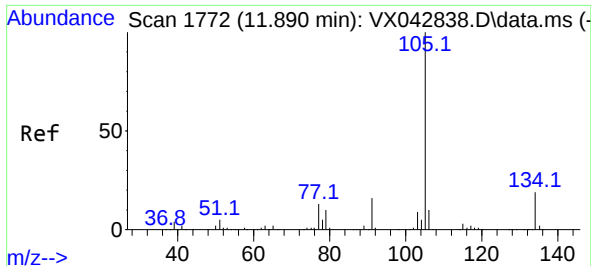
Tgt Ion:119 Resp: 1365
Ion Ratio Lower Upper
119 100
91 76.8 0.0 106.0
134 22.6 0.0 49.4



#80
1,2,4-Trimethylbenzene
Concen: 0.449 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX042842.D
Acq: 02 Aug 2024 14:55

Tgt Ion:105 Resp: 1785
Ion Ratio Lower Upper
105 100
120 44.7 0.0 96.2





#81

sec-Butylbenzene

Concen: 0.523 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX042842.D

Acq: 02 Aug 2024 14:55

Instrument :

MSVOA_X

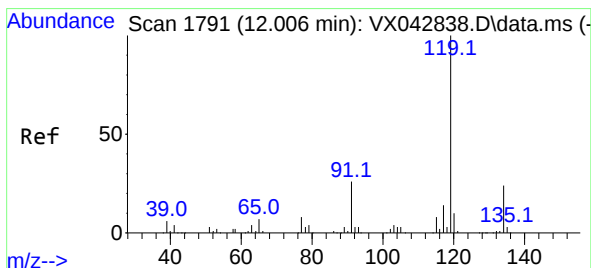
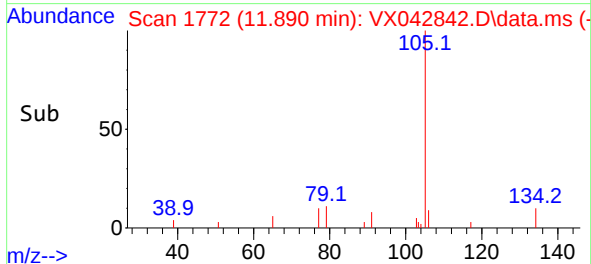
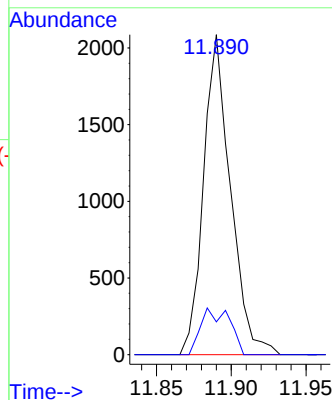
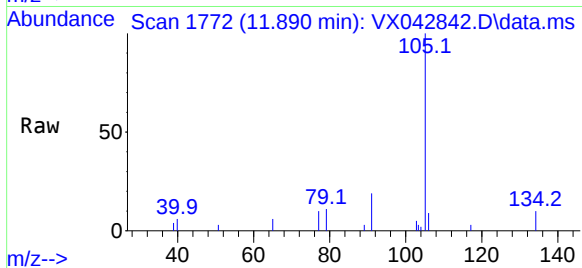
ClientSampleId :

Tgt Ion:105 Resp: 2618

Ion Ratio Lower Upper

105 100

134 15.5 0.0 43.2



#82

p-Isopropyltoluene

Concen: 0.521 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX042842.D

Acq: 02 Aug 2024 14:55

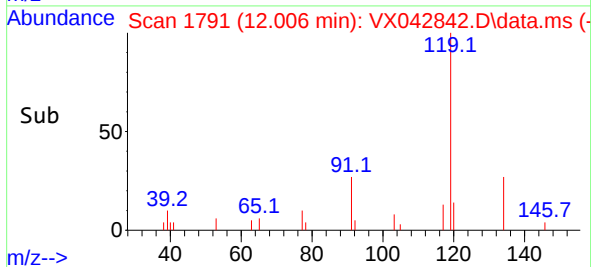
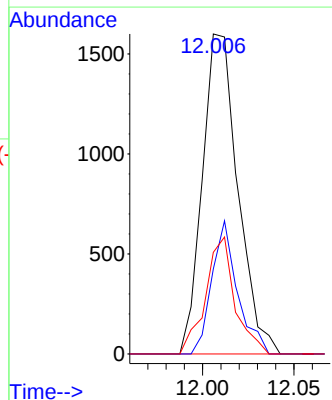
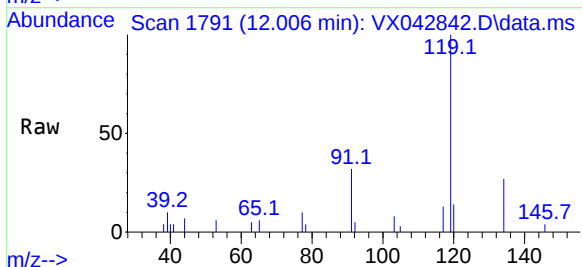
Tgt Ion:119 Resp: 2166

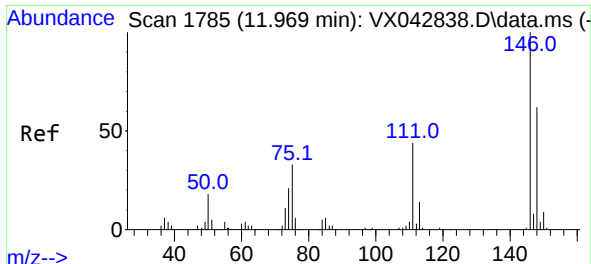
Ion Ratio Lower Upper

119 100

134 30.0 0.0 54.0

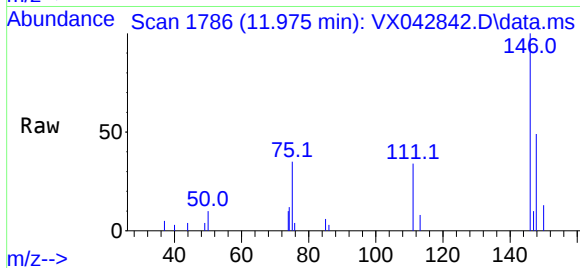
91 30.2 0.0 42.2



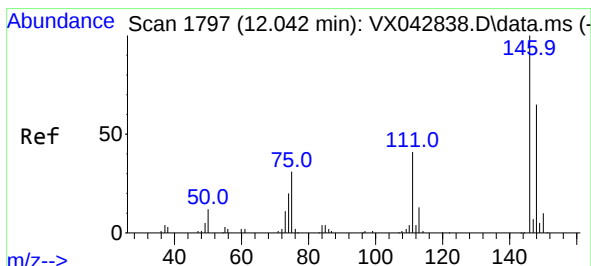
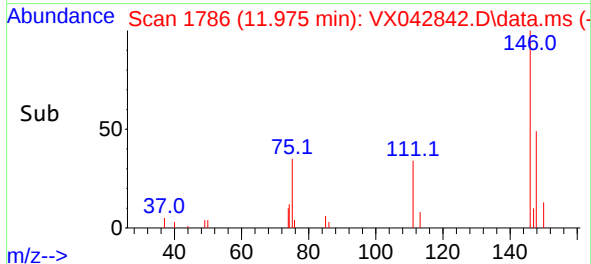
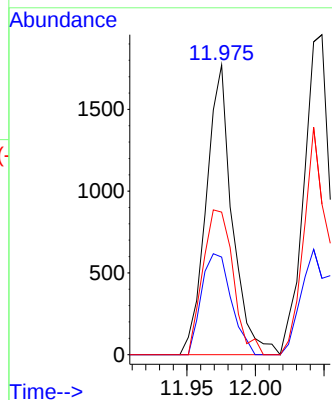


#83
1,3-Dichlorobenzene
Concen: 1.098 ug/l
RT: 11.975 min Scan# 1786
Delta R.T. 0.006 min
Lab File: VX042842.D
Acq: 02 Aug 2024 14:55

Instrument :
MSVOA_X
ClientSampleId :

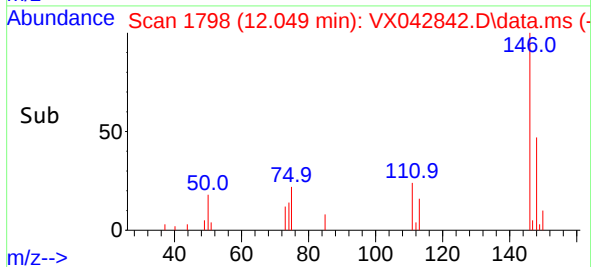
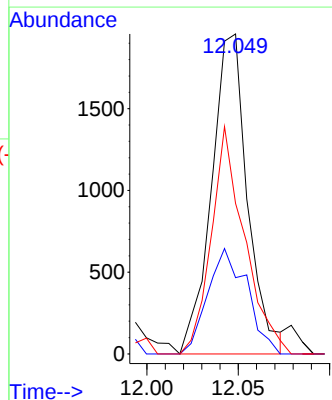
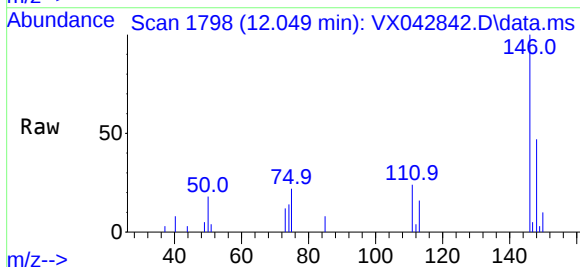


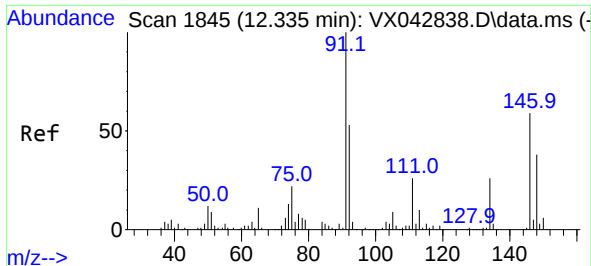
Tgt Ion:146 Resp: 2346
Ion Ratio Lower Upper
146 100
111 39.8 18.0 54.0
148 57.9 31.9 95.7



#84
1,4-Dichlorobenzene
Concen: 1.245 ug/l
RT: 12.049 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VX042842.D
Acq: 02 Aug 2024 14:55

Tgt Ion:146 Resp: 2685
Ion Ratio Lower Upper
146 100
111 35.9 17.4 52.3
148 65.4 32.3 96.9

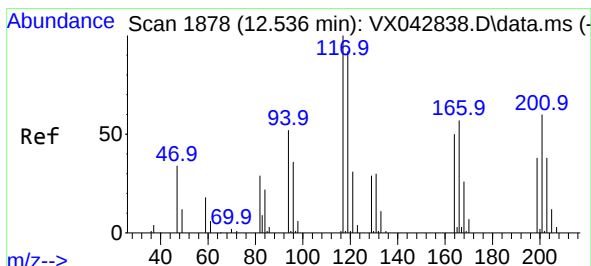
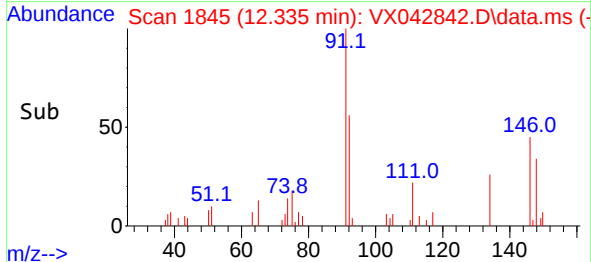
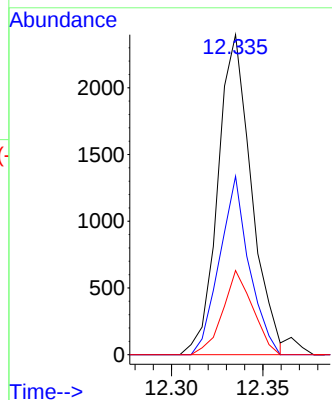
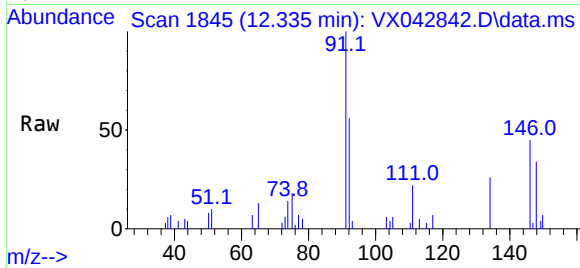




#85
n-Butylbenzene
Concen: 0.846 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX042842.D
Acq: 02 Aug 2024 14:55

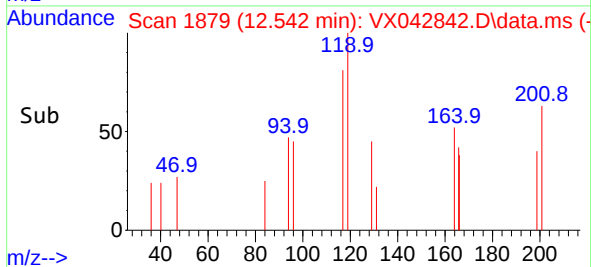
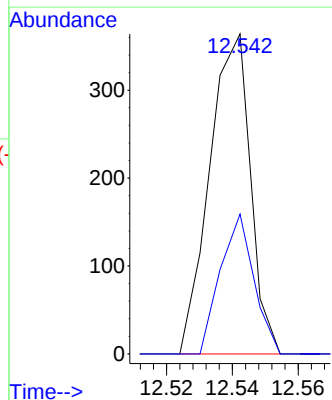
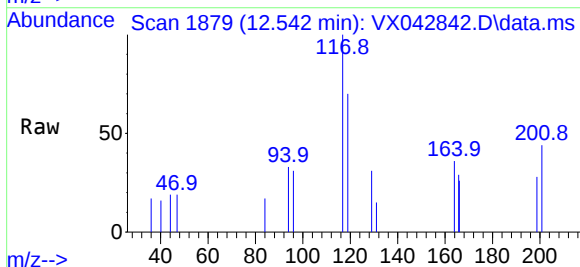
Instrument :
MSVOA_X
ClientSampleId :

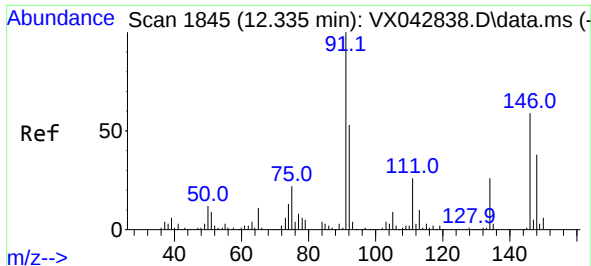
Tgt Ion: 91 Resp: 3059
Ion Ratio Lower Upper
91 100
92 49.3 0.0 109.8
134 23.6 0.0 58.4



#86
Hexachloroethane
Concen: 0.425 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.006 min
Lab File: VX042842.D
Acq: 02 Aug 2024 14:55

Tgt Ion: 117 Resp: 314
Ion Ratio Lower Upper
117 100
201 36.0 48.9 146.8#

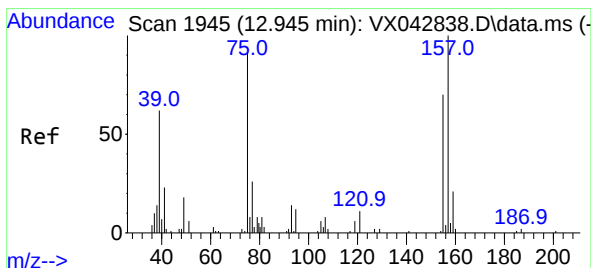
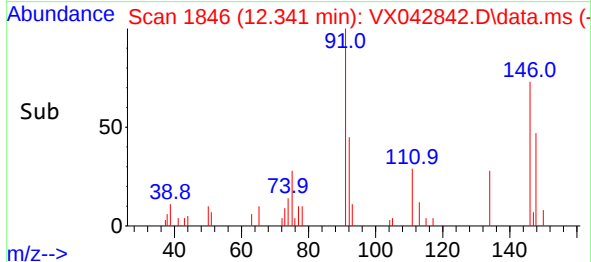
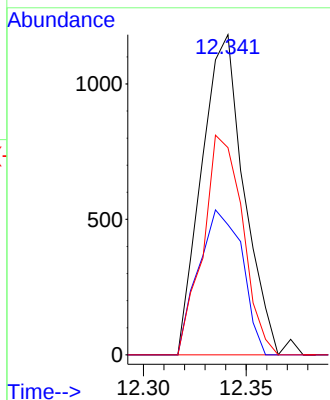
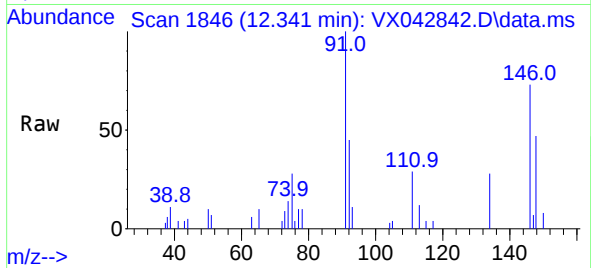




#87
1,2-Dichlorobenzene
Concen: 0.801 ug/l
RT: 12.341 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX042842.D
Acq: 02 Aug 2024 14:55

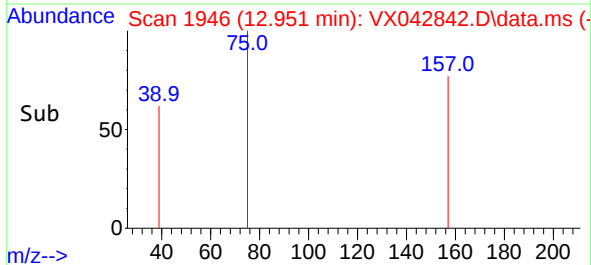
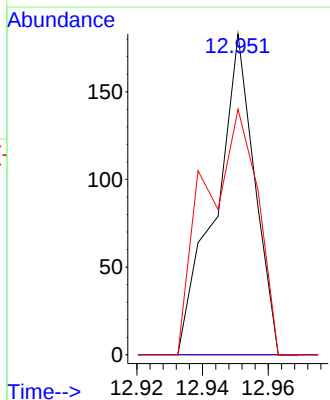
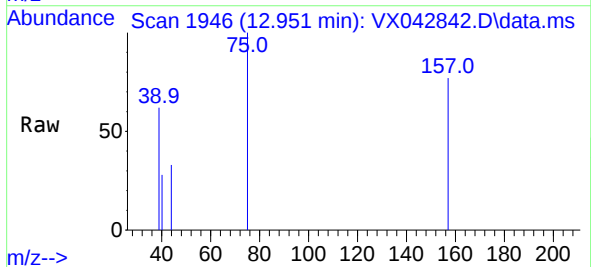
Instrument :
MSVOA_X
ClientSampleId :

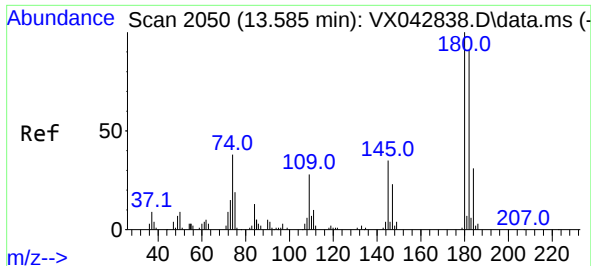
Tgt Ion:146 Resp: 1686
Ion Ratio Lower Upper
146 100
111 46.8 19.1 57.3
148 64.5 32.4 97.0



#88
1,2-Dibromo-3-Chloropropane
Concen: 0.360 ug/l
RT: 12.951 min Scan# 1946
Delta R.T. 0.006 min
Lab File: VX042842.D
Acq: 02 Aug 2024 14:55

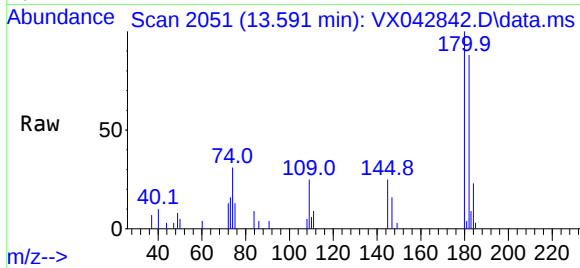
Tgt Ion: 75 Resp: 150
Ion Ratio Lower Upper
75 100
155 0.0 88.6 133.0#
157 102.7 112.8 169.2#



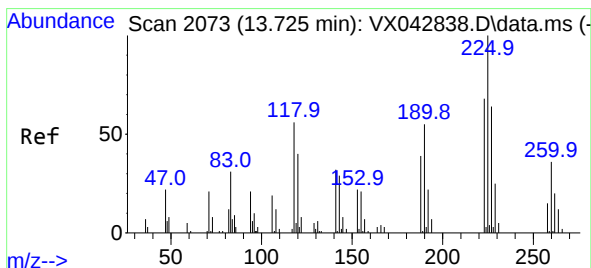
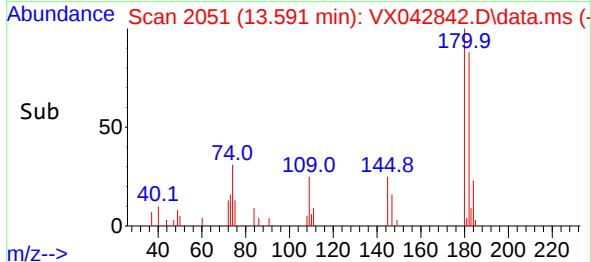
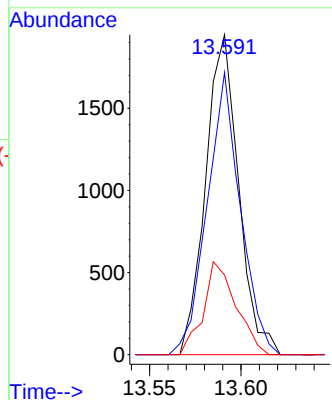


#89
1,2,4-Trichlorobenzene
Concen: 1.894 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX042842.D
Acq: 02 Aug 2024 14:55

Instrument :
MSVOA_X
ClientSampleId :

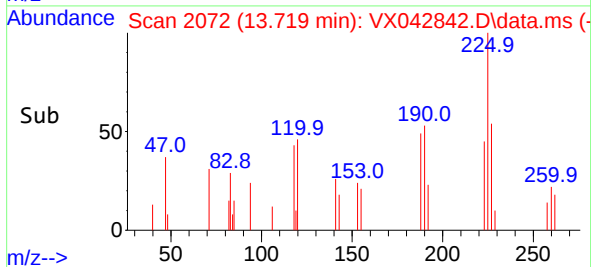
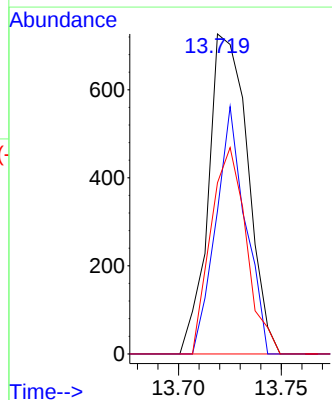
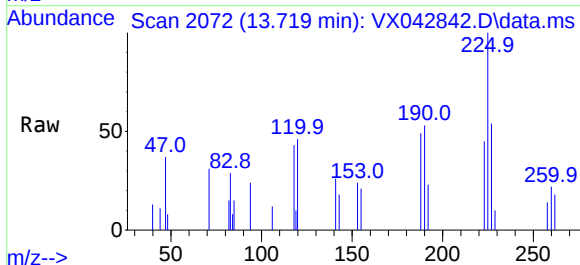


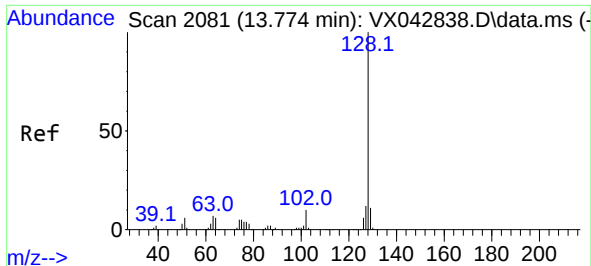
Tgt Ion:180 Resp: 2448
Ion Ratio Lower Upper
180 100
182 88.6 76.9 115.3
145 28.8 22.8 34.2



#90
Hexachlorobutadiene
Concen: 1.776 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX042842.D
Acq: 02 Aug 2024 14:55

Tgt Ion:225 Resp: 968
Ion Ratio Lower Upper
225 100
223 58.2 0.0 120.8
227 58.3 0.0 126.6

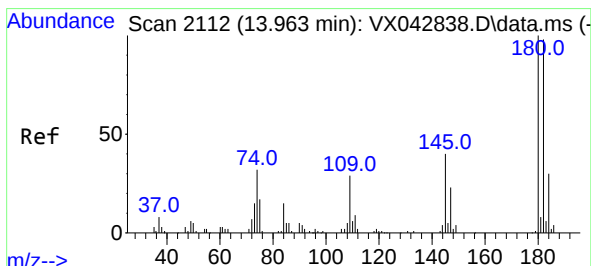
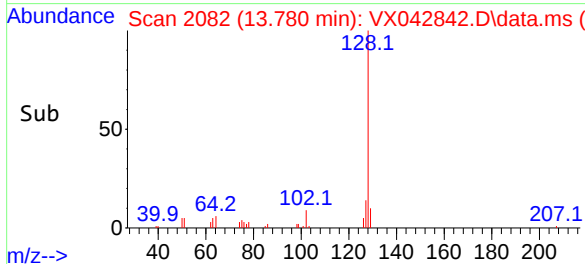
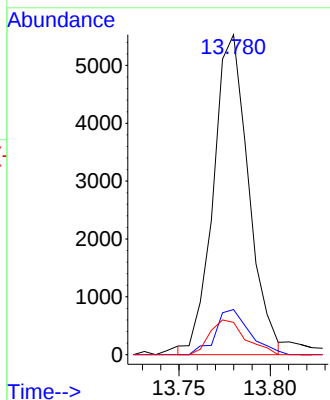
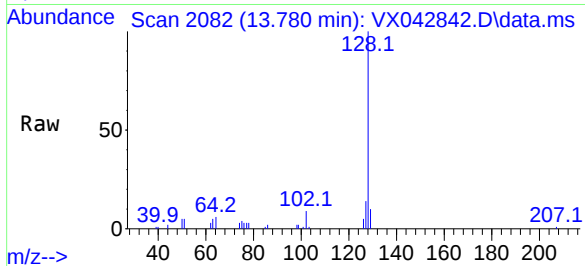




#91
Naphthalene
Concen: 1.541 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX042842.D
Acq: 02 Aug 2024 14:55

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128	Resp:	7400
Ion Ratio	Lower	Upper
128	100	
127	13.7	10.4 15.6
129	11.0	8.7 13.1



#92
1,2,3-Trichlorobenzene
Concen: 1.778 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX042842.D
Acq: 02 Aug 2024 14:55

Tgt Ion:180	Resp:	2366
Ion Ratio	Lower	Upper
180	100	
182	85.7	0.0 187.8
145	35.9	0.0 58.4

