

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111424\
 Data File : VX043855.D
 Acq On : 14 Nov 2024 16:07
 Operator : JC/MD
 Sample : VSTD10039
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 15 02:07:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML111424WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 15 02:05:35 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	238563	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	215383	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	110839	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	146756	99.072	ug/L	0.00
7) Chloroethane-d5	1.648	69	97679	99.681	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.294	65	70363	105.279	ug/L	0.00
21) 2-Butanone-d5	4.459	46	158141	200.751	ug/L	0.00
24) Chloroform-d	5.050	84	315741	100.181	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	197817	98.286	ug/L	0.00
32) Benzene-d6	5.964	84	587612	98.060	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.306	67	169163	99.120	ug/L	0.00
41) Toluene-d8	8.647	98	563127	99.385	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.946	79	90583	105.318	ug/L	0.00
47) 2-Hexanone-d5	9.385	63	129650	205.631	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	232889	99.172	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	223713	96.750	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	172473	97.117	ug/L	99
3) Chloromethane	1.295	50	141796	98.974	ug/L	97
5) Vinyl chloride	1.374	62	148833	96.166	ug/L	99
6) Bromomethane	1.593	94	100486	98.917	ug/L	95
8) Chloroethane	1.666	64	81981	98.098	ug/L	94
9) Trichlorofluoromethane	1.868	101	272276	98.175	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	155287	99.267	ug/L	99
12) 1,1-Dichloroethene	2.307	96	140333	97.608	ug/L	# 71
13) Acetone	2.386	43	174259	184.365	ug/L	99
14) Carbon disulfide	2.502	76	330977	109.141	ug/L	99
15) Methyl Acetate	2.703	43	127390	97.835	ug/L	98
16) Methylene chloride	2.782	84	152872	97.346	ug/L	98
17) trans-1,2-Dichloroethene	3.087	96	145564	100.445	ug/L	100
18) Methyl tert-butyl Ether	3.111	73	496543	98.293	ug/L	99
19) 1,1-Dichloroethane	3.605	63	248486	97.246	ug/L	99
20) cis-1,2-Dichloroethene	4.483	96	170578	98.085	ug/L	96
22) 2-Butanone	4.562	43	193805	185.776	ug/L	98
23) Bromochloromethane	4.891	128	92457	98.927	ug/L	93
25) Chloroform	5.087	83	292047	98.643	ug/L	95
27) 1,2-Dichloroethane	6.080	62	226612	97.622	ug/L	99
29) Cyclohexane	5.458	56	217301	97.090	ug/L	98
30) 1,1,1-Trichloroethane	5.373	97	264415	98.509	ug/L	99
31) Carbon tetrachloride	5.672	117	237188	102.405	ug/L	98
33) Benzene	6.032	78	557502	94.878	ug/L	100
34) Trichloroethene	7.123	95	165703	84.955	ug/L	97
35) Methylcyclohexane	7.373	83	242346	97.215	ug/L	99
37) 1,2-Dichloropropane	7.428	63	139897	97.581	ug/L	100
38) Bromodichloromethane	7.818	83	202552	101.852	ug/L	98
39) cis-1,3-Dichloropropene	8.360	75	249907	102.972	ug/L	96
40) 4-Methyl-2-pentanone	8.574	43	323620	189.245	ug/L	99
42) Toluene	8.714	91	623838	97.288	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	234941	104.368	ug/L	100

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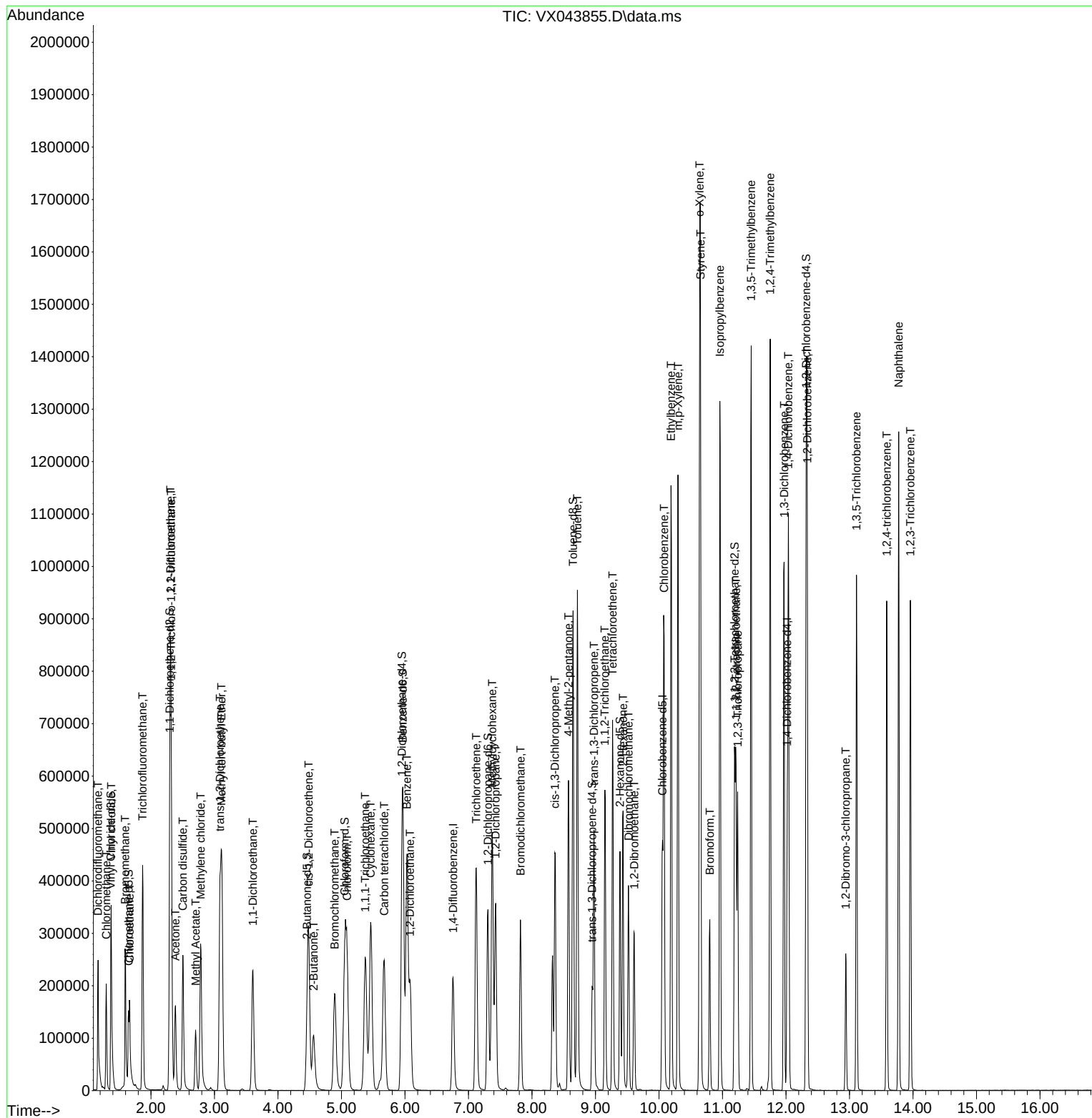
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.147	97	157065	95.075	ug/L	99
46) Tetrachloroethene	9.269	164	135726	96.738	ug/L	98
48) 2-Hexanone	9.433	43	269035	193.461	ug/L	100
49) Dibromochloromethane	9.519	129	170047	104.662	ug/L	99
50) 1,2-Dibromoethane	9.610	107	171215	96.397	ug/L	97
51) Chlorobenzene	10.080	112	425153	97.048	ug/L	99
52) Ethylbenzene	10.189	91	693686	98.888	ug/L	100
53) m,p-Xylene	10.299	106	278666	98.816	ug/L	96
54) o-Xylene	10.640	106	273512	97.415	ug/L	99
55) Styrene	10.653	104	460992	100.877	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.214	83	228866	96.055	ug/L	98
59) Bromoform	10.799	173	121431	105.792	ug/L	97
60) Isopropylbenzene	10.957	105	714945	95.894	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	173893	91.974	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	614123	97.815	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	613098	98.093	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	341052	96.290	ug/L	99
65) 1,4-Dichlorobenzene	12.037	146	333621	94.308	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	339523	94.009	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	47185	103.268	ug/L	88
69) 1,3,5-Trichlorobenzene	13.110	180	235500	99.210	ug/L	100
70) 1,2,4-trichlorobenzene	13.585	180	216384	101.873	ug/L	99
71) Naphthalene	13.774	128	751557	100.717	ug/L	99
72) 1,2,3-Trichlorobenzene	13.957	180	219993	100.878	ug/L	99

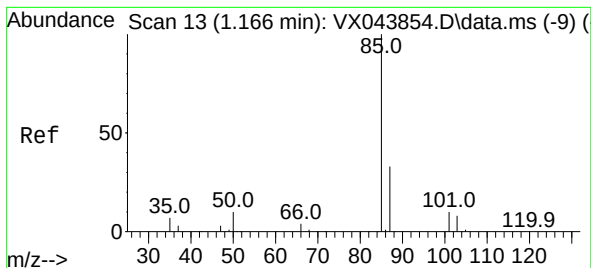
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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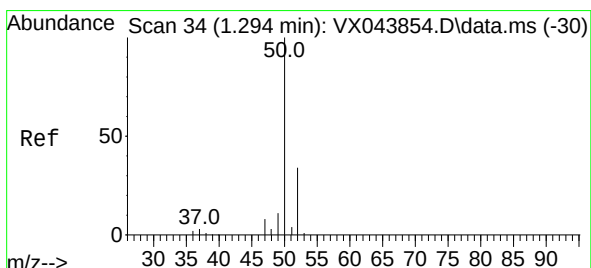
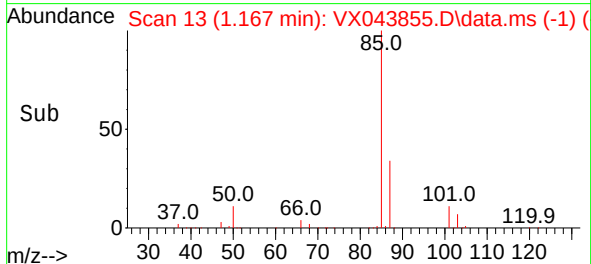
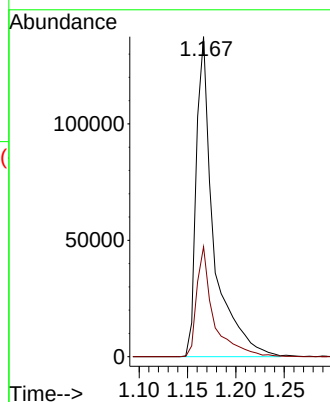
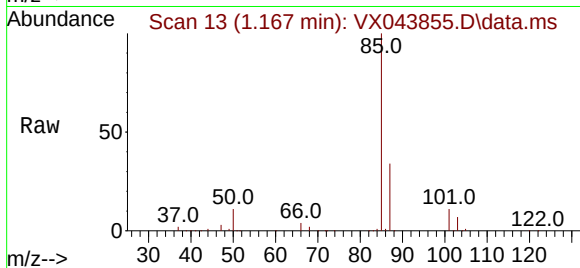




#2
Dichlorodifluoromethane
Concen: 97.117 ug/L
RT: 1.167 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX043855.D
Acq: 14 Nov 2024 16:07

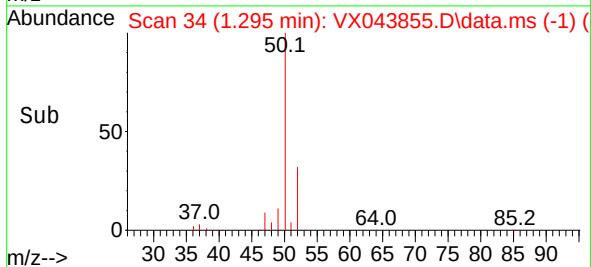
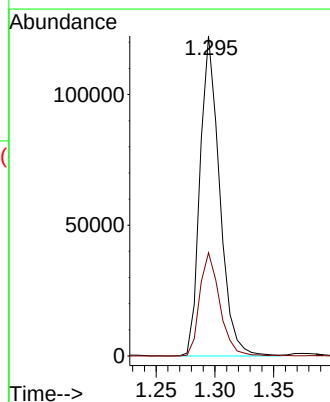
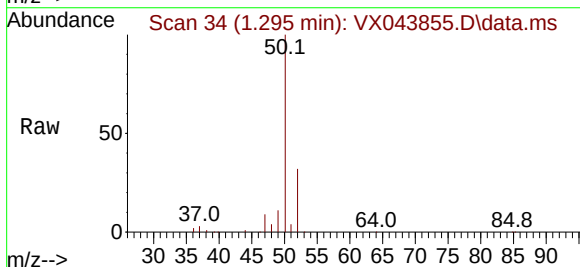
Instrument :
MSVOA_X
ClientSampleId :

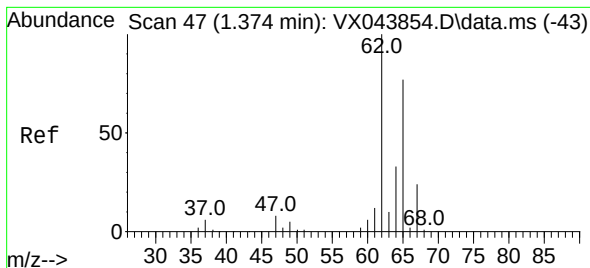
Tgt Ion: 85 Resp: 172473
Ion Ratio Lower Upper
85 100
87 33.2 26.0 39.0



#3
Chloromethane
Concen: 98.974 ug/L
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX043855.D
Acq: 14 Nov 2024 16:07

Tgt Ion: 50 Resp: 141796
Ion Ratio Lower Upper
50 100
52 32.3 23.8 44.2





#5

Vinyl chloride

Concen: 96.166 ug/L

RT: 1.374 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX043855.D

Acq: 14 Nov 2024 16:07

Instrument :

MSVOA_X

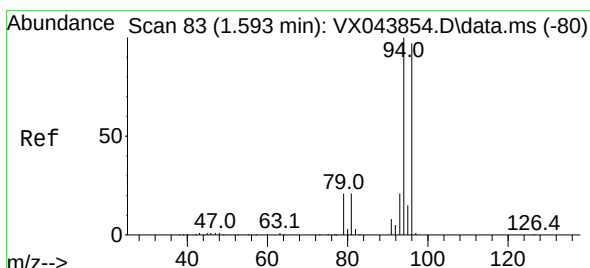
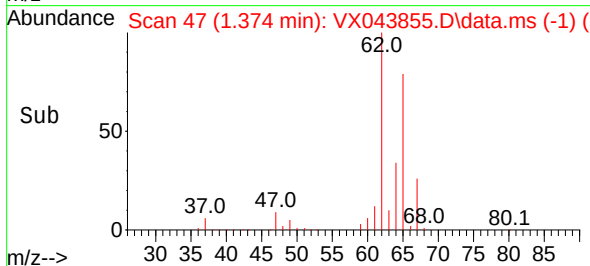
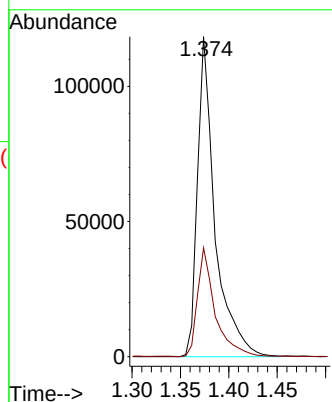
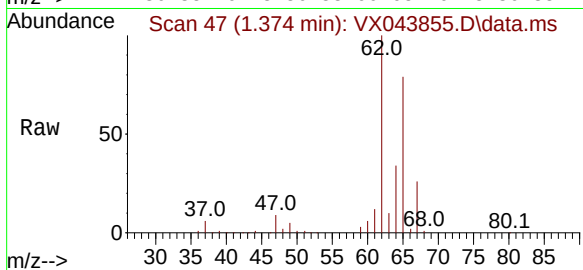
ClientSampleId :

Tgt Ion: 62 Resp: 148833

Ion Ratio Lower Upper

62 100

64 34.0 23.5 43.7



#6

Bromomethane

Concen: 98.917 ug/L

RT: 1.593 min Scan# 83

Delta R.T. 0.000 min

Lab File: VX043855.D

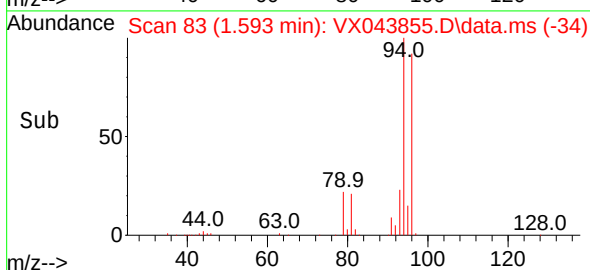
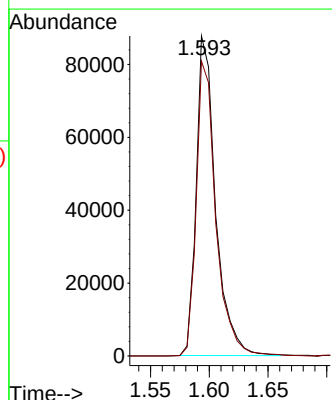
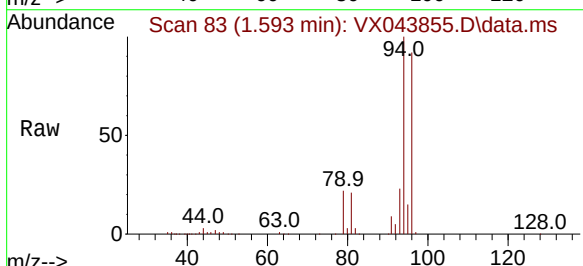
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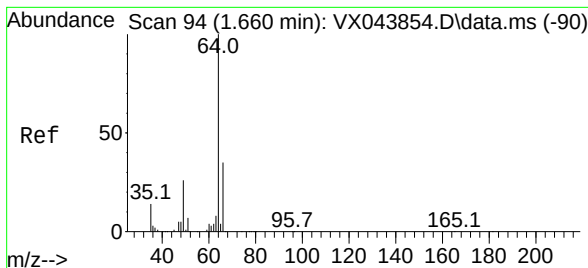
Tgt Ion: 94 Resp: 100486

Ion Ratio Lower Upper

94 100

96 92.1 68.3 126.8





#8

Chloroethane

Concen: 98.098 ug/L

RT: 1.666 min Scan# 94

Delta R.T. 0.006 min

Lab File: VX043855.D

Acq: 14 Nov 2024 16:07

Instrument :

MSVOA_X

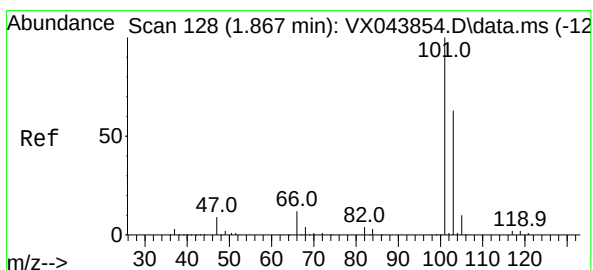
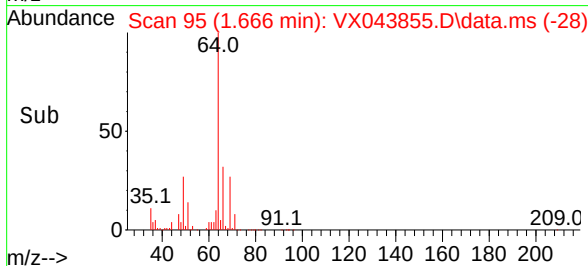
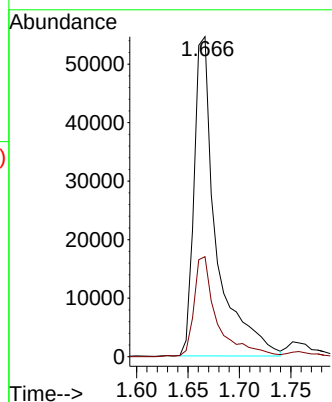
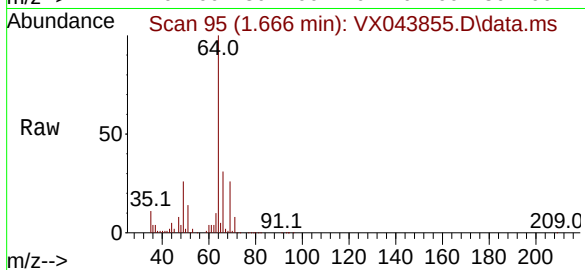
ClientSampleId :

Tgt Ion: 64 Resp: 81981

Ion Ratio Lower Upper

64 100

66 31.2 24.2 45.0



#9

Trichlorofluoromethane

Concen: 98.175 ug/L

RT: 1.868 min Scan# 128

Delta R.T. 0.000 min

Lab File: VX043855.D

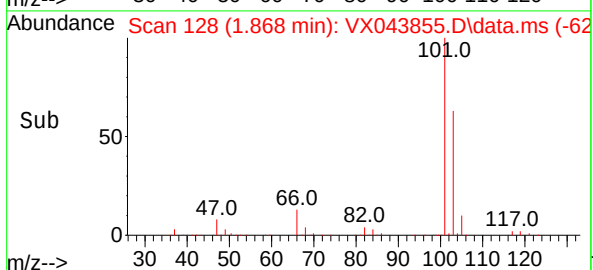
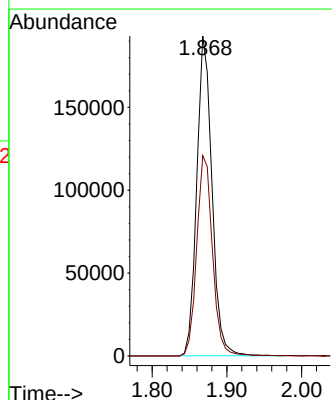
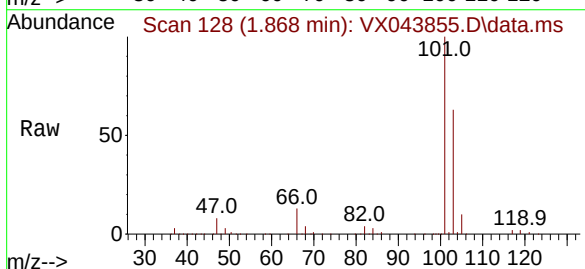
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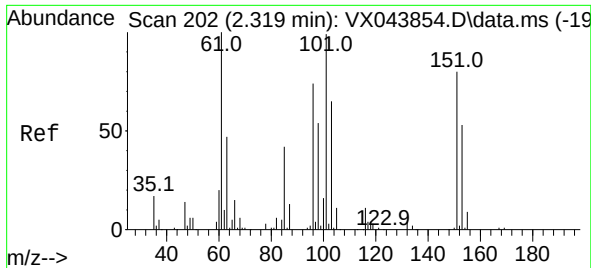
Tgt Ion:101 Resp: 272276

Ion Ratio Lower Upper

101 100

103 64.8 51.3 76.9

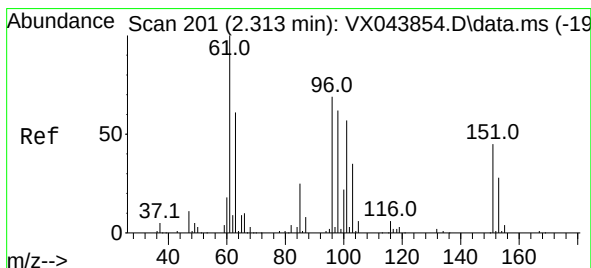
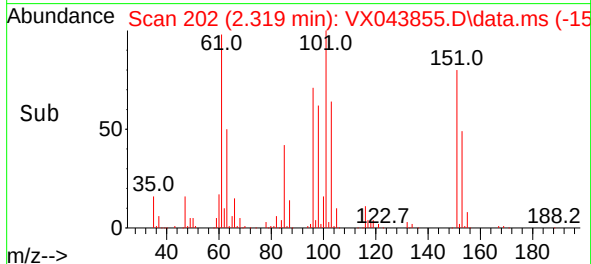
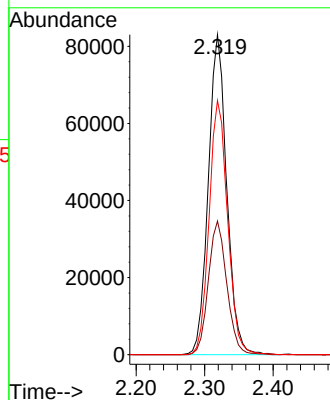
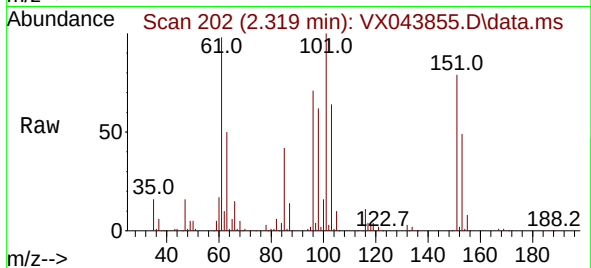




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 99.267 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX043855.D
 Acq: 14 Nov 2024 16:07

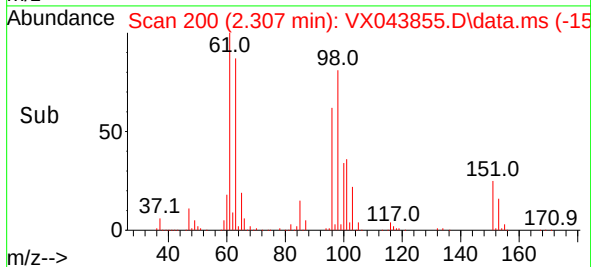
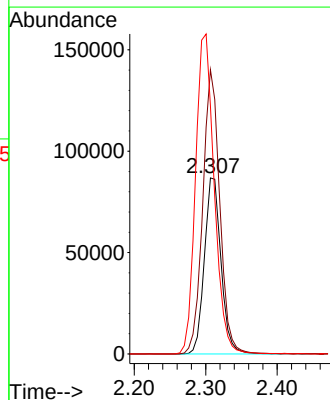
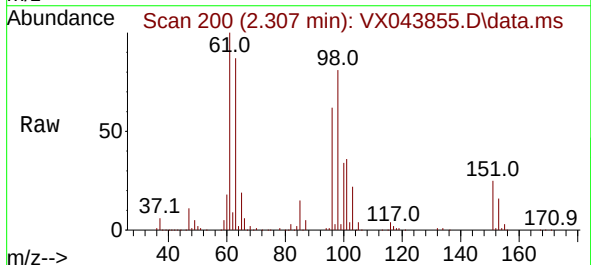
Instrument :
 MSVOA_X
 ClientSampleId :

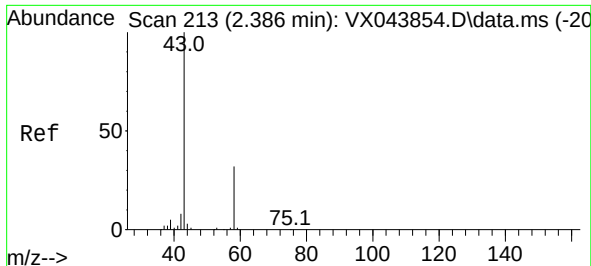
Tgt Ion:101 Resp: 155287
 Ion Ratio Lower Upper
 101 100
 85 41.8 33.8 50.6
 151 79.6 64.9 97.3



#12
 1,1-Dichloroethene
 Concen: 97.608 ug/L
 RT: 2.307 min Scan# 200
 Delta R.T. -0.006 min
 Lab File: VX043855.D
 Acq: 14 Nov 2024 16:07

Tgt Ion: 96 Resp: 140333
 Ion Ratio Lower Upper
 96 100
 61 161.4 102.2 189.8
 63 140.9 62.6 116.2#

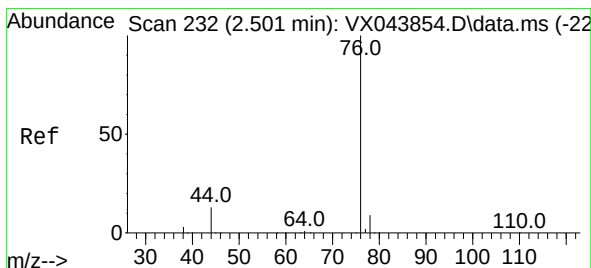
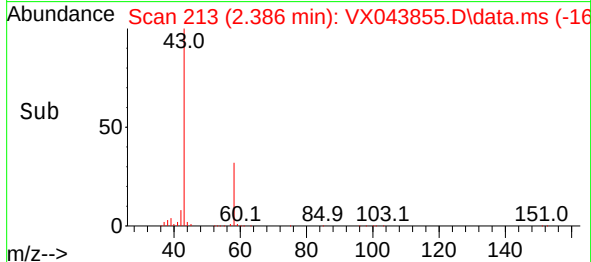
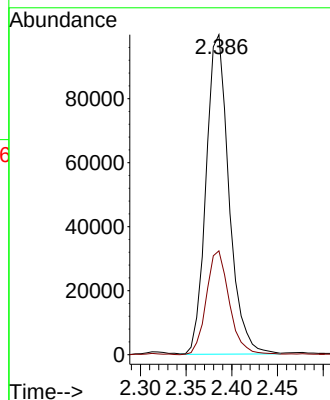
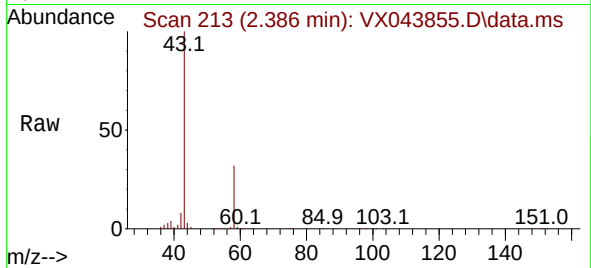




#13
Acetone
Concen: 184.365 ug/L
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX043855.D
Acq: 14 Nov 2024 16:07

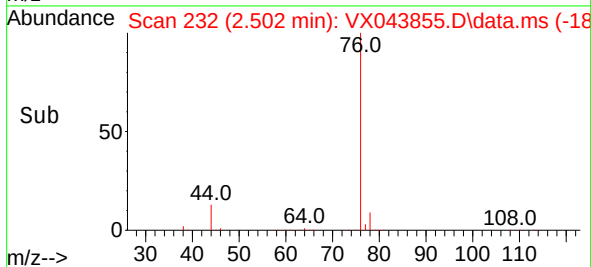
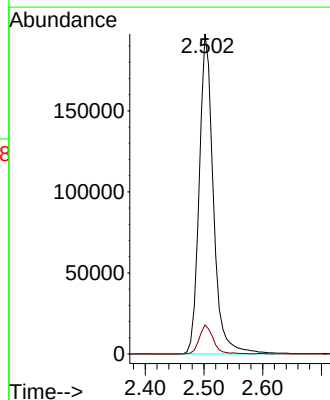
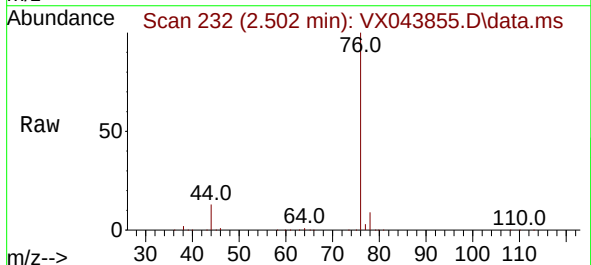
Instrument :
MSVOA_X
ClientSampleId :

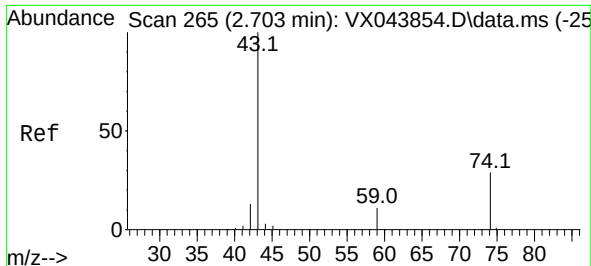
Tgt Ion: 43 Resp: 174259
Ion Ratio Lower Upper
43 100
58 32.7 0.0 66.2



#14
Carbon disulfide
Concen: 109.141 ug/L
RT: 2.502 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX043855.D
Acq: 14 Nov 2024 16:07

Tgt Ion: 76 Resp: 330977
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6





#15

Methyl Acetate

Concen: 97.835 ug/L

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX043855.D

Acq: 14 Nov 2024 16:07

Instrument :

MSVOA_X

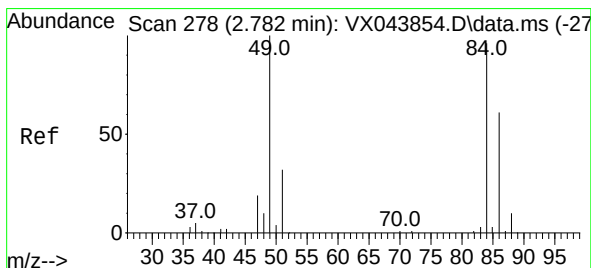
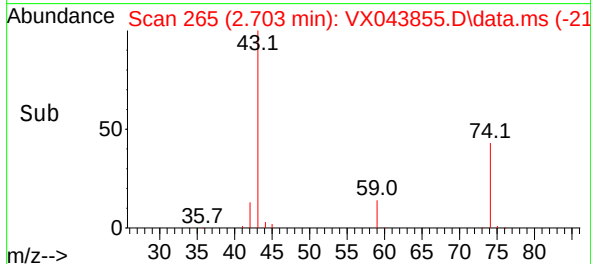
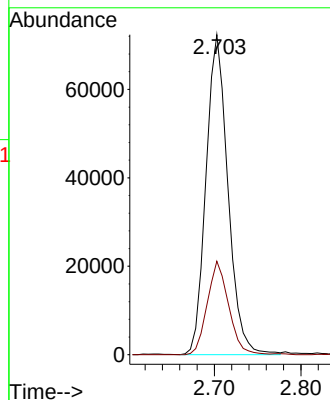
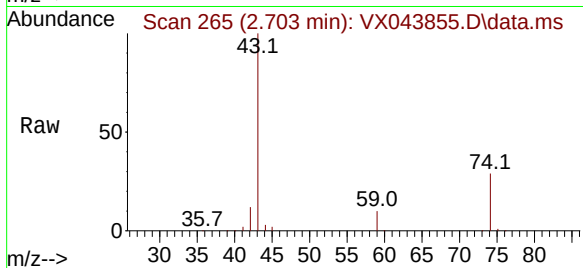
ClientSampleId :

Tgt Ion: 43 Resp: 127390

Ion Ratio Lower Upper

43 100

74 28.4 23.4 35.2



#16

Methylene chloride

Concen: 97.346 ug/L

RT: 2.782 min Scan# 278

Delta R.T. 0.000 min

Lab File: VX043855.D

Acq: 14 Nov 2024 16:07

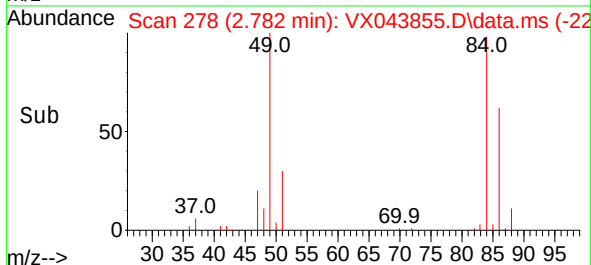
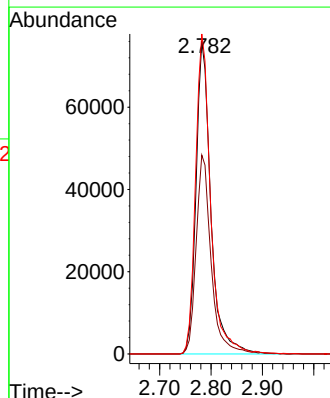
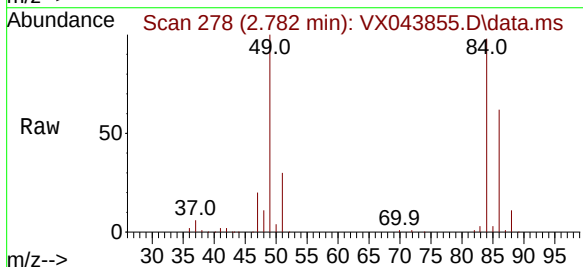
Tgt Ion: 84 Resp: 152872

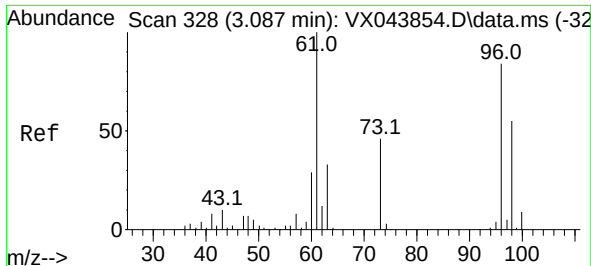
Ion Ratio Lower Upper

84 100

86 63.6 44.4 82.5

49 102.3 73.4 136.2

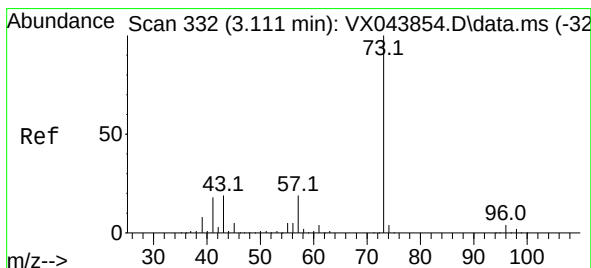
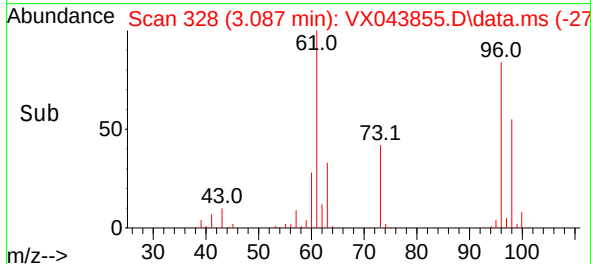
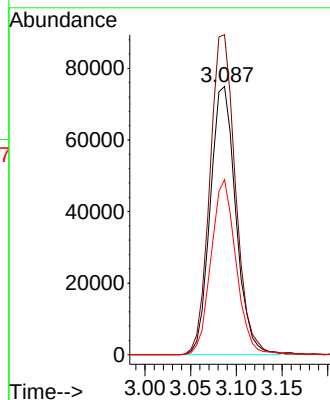
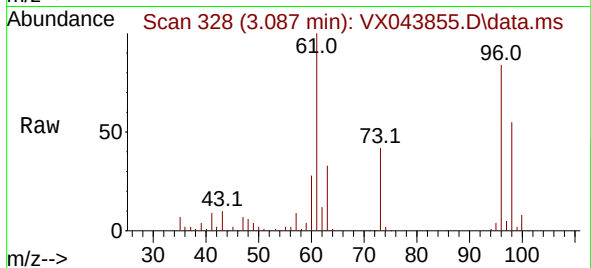




#17
trans-1,2-Dichloroethene
Concen: 100.445 ug/L
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX043855.D
Acq: 14 Nov 2024 16:07

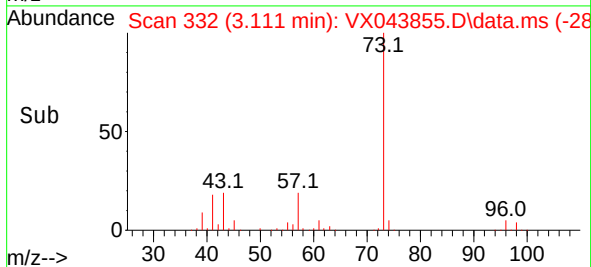
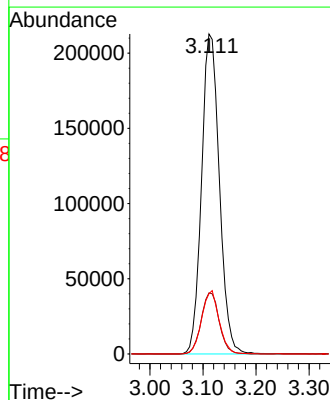
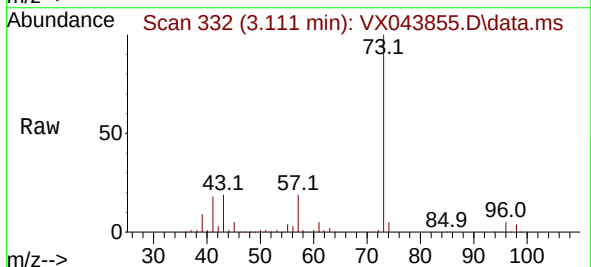
Instrument :
MSVOA_X
ClientSampleId :

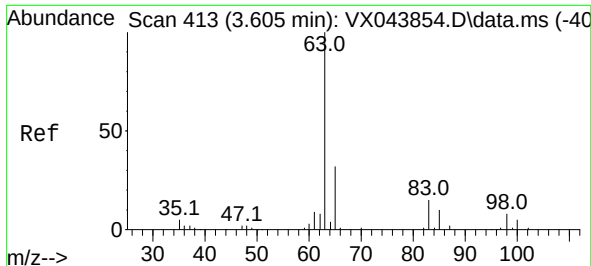
Tgt Ion: 96 Resp: 145564
Ion Ratio Lower Upper
96 100
61 119.3 83.2 154.6
98 65.2 45.4 84.4



#18
Methyl tert-butyl Ether
Concen: 98.293 ug/L
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX043855.D
Acq: 14 Nov 2024 16:07

Tgt Ion: 73 Resp: 496543
Ion Ratio Lower Upper
73 100
43 19.3 15.5 23.3
57 19.4 15.1 22.7





#19

1,1-Dichloroethane

Concen: 97.246 ug/L

RT: 3.605 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX043855.D

Acq: 14 Nov 2024 16:07

Instrument :

MSVOA_X

ClientSampleId :

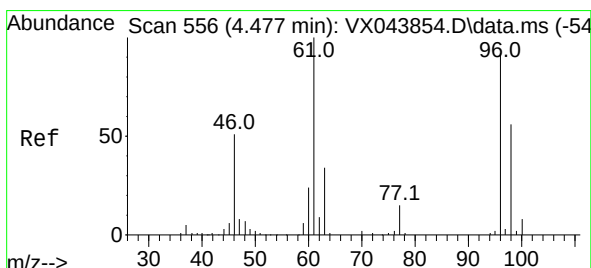
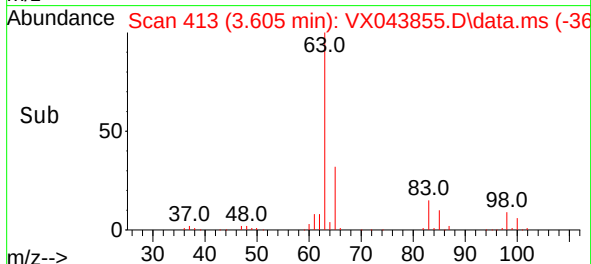
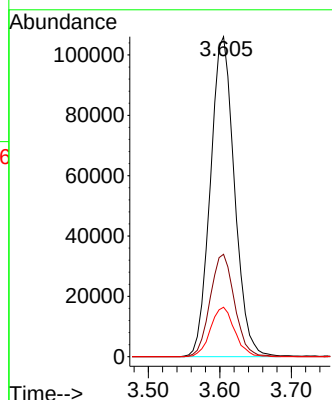
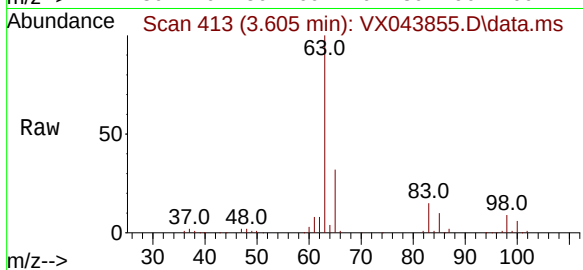
Tgt Ion: 63 Resp: 248486

Ion Ratio Lower Upper

63 100

65 32.0 22.4 41.6

83 15.4 10.4 19.2



#20

cis-1,2-Dichloroethene

Concen: 98.085 ug/L

RT: 4.483 min Scan# 557

Delta R.T. 0.006 min

Lab File: VX043855.D

Acq: 14 Nov 2024 16:07

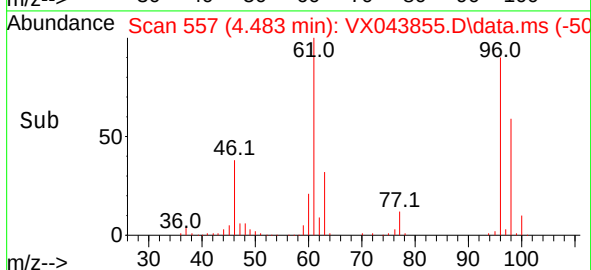
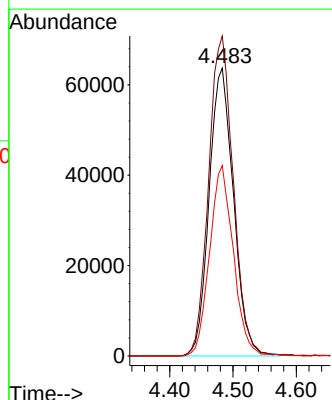
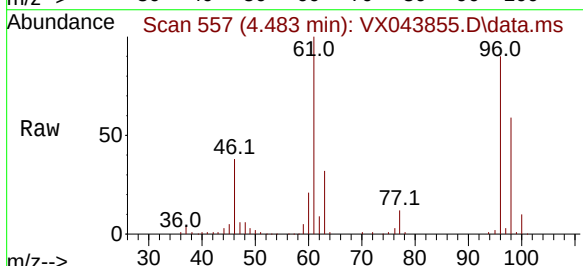
Tgt Ion: 96 Resp: 170578

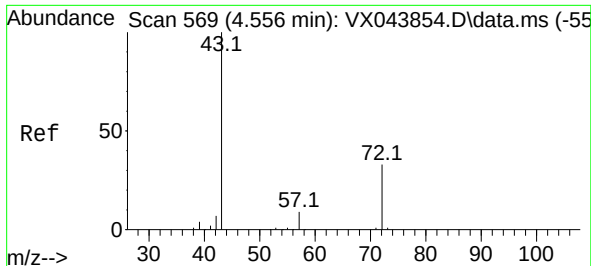
Ion Ratio Lower Upper

96 100

61 111.1 76.4 141.8

98 66.1 42.6 79.0

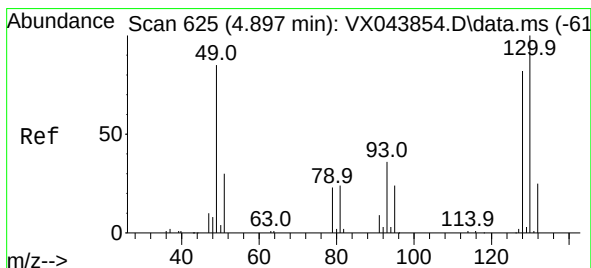
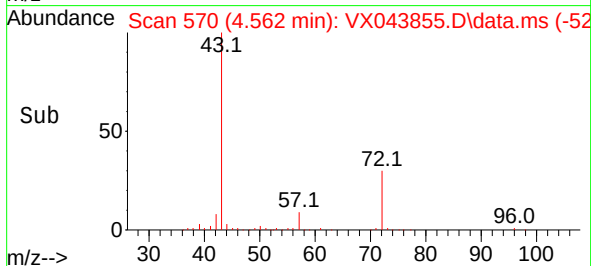
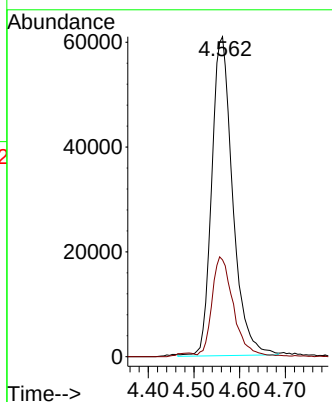
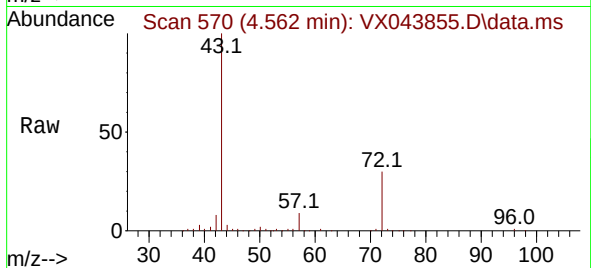




#22
2-Butanone
Concen: 185.776 ug/L
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX043855.D
Acq: 14 Nov 2024 16:07

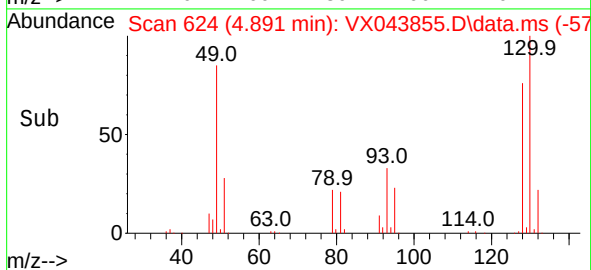
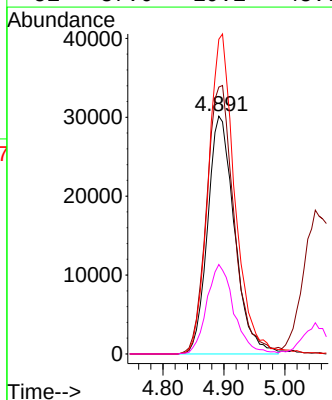
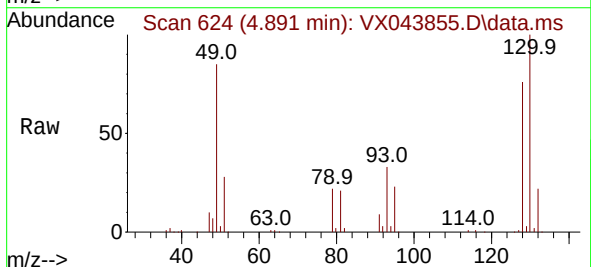
Instrument :
MSVOA_X
ClientSampleId :

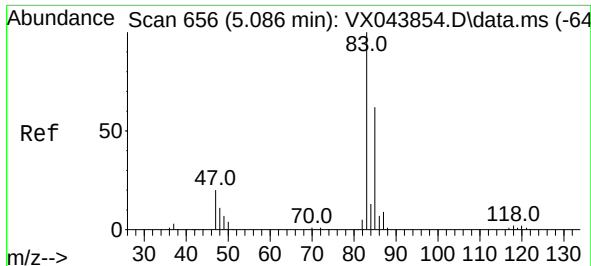
Tgt Ion: 43 Resp: 193805
Ion Ratio Lower Upper
43 100
72 30.9 16.0 47.9



#23
Bromochloromethane
Concen: 98.927 ug/L
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX043855.D
Acq: 14 Nov 2024 16:07

Tgt Ion:128 Resp: 92457
Ion Ratio Lower Upper
128 100
49 112.2 73.6 136.8
130 132.4 85.7 159.1
51 37.6 29.1 43.7





#25

Chloroform

Concen: 98.643 ug/L

RT: 5.087 min Scan# 656

Delta R.T. 0.000 min

Lab File: VX043855.D

Acq: 14 Nov 2024 16:07

Instrument :

MSVOA_X

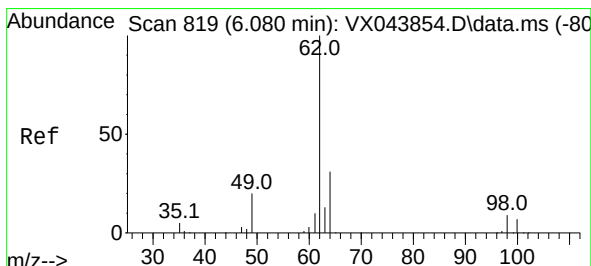
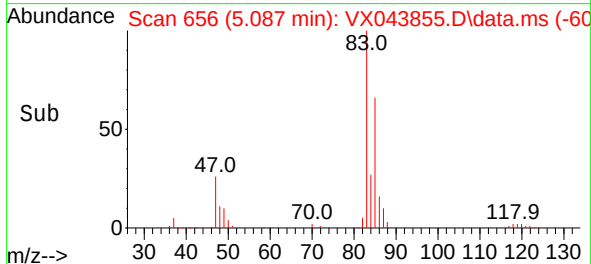
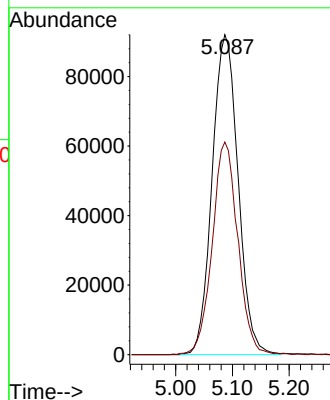
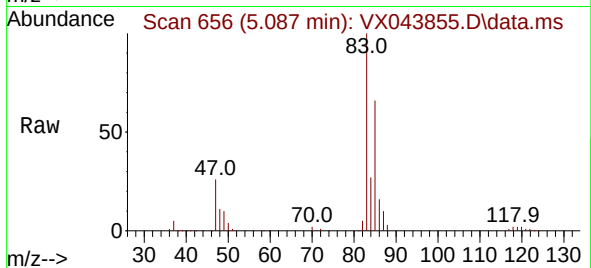
ClientSampleId :

Tgt Ion: 83 Resp: 292047

Ion Ratio Lower Upper

83 100

85 66.5 43.8 81.3



#27

1,2-Dichloroethane

Concen: 97.622 ug/L

RT: 6.080 min Scan# 819

Delta R.T. 0.000 min

Lab File: VX043855.D

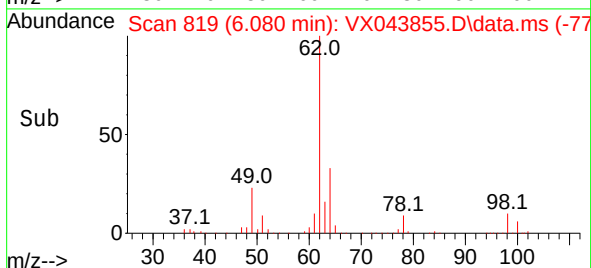
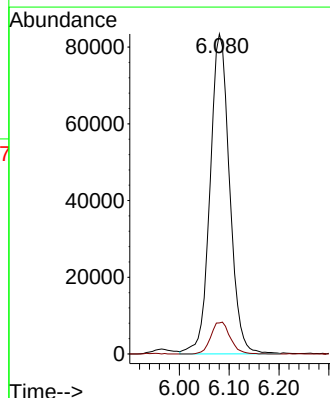
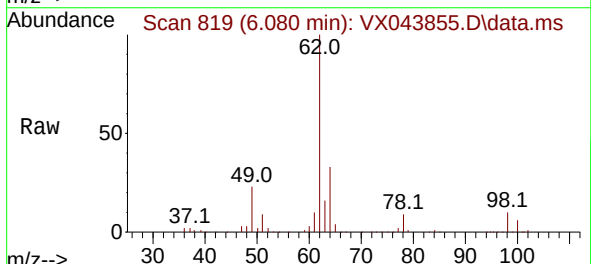
Acq: 14 Nov 2024 16:07

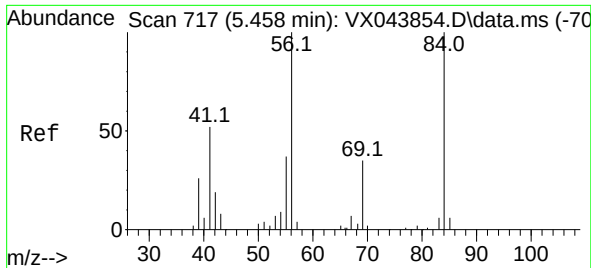
Tgt Ion: 62 Resp: 226612

Ion Ratio Lower Upper

62 100

98 9.7 7.5 11.3





#29

Cyclohexane

Concen: 97.090 ug/L

RT: 5.458 min Scan# 717

Delta R.T. 0.000 min

Lab File: VX043855.D

Acq: 14 Nov 2024 16:07

Instrument :

MSVOA_X

ClientSampleId :

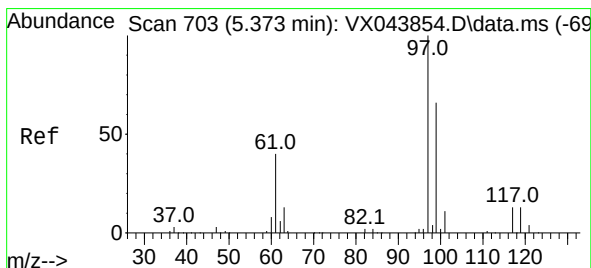
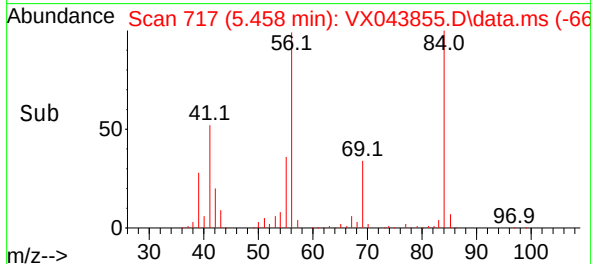
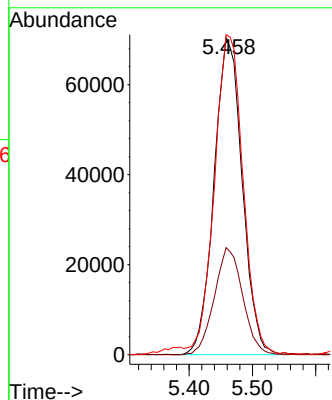
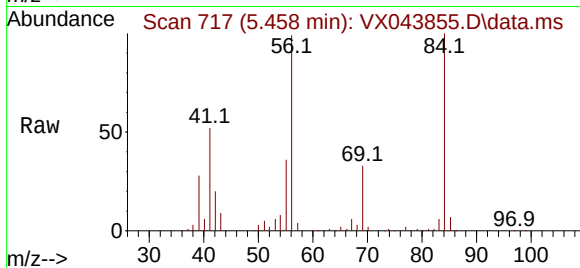
Tgt Ion: 56 Resp: 217301

Ion Ratio Lower Upper

56 100

69 34.0 28.2 42.2

84 102.2 83.4 125.0



#30

1,1,1-Trichloroethane

Concen: 98.509 ug/L

RT: 5.373 min Scan# 703

Delta R.T. 0.000 min

Lab File: VX043855.D

Acq: 14 Nov 2024 16:07

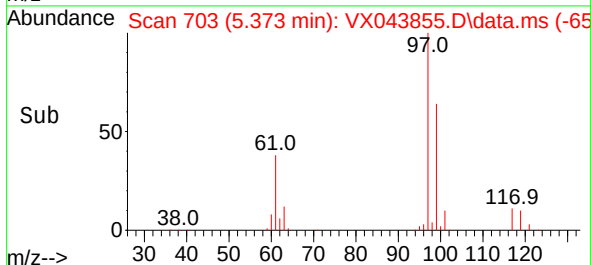
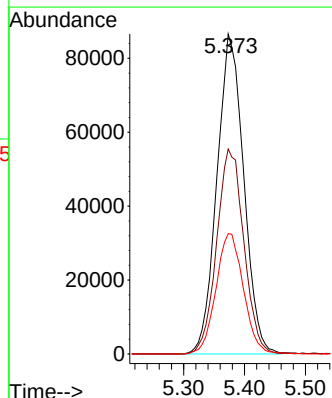
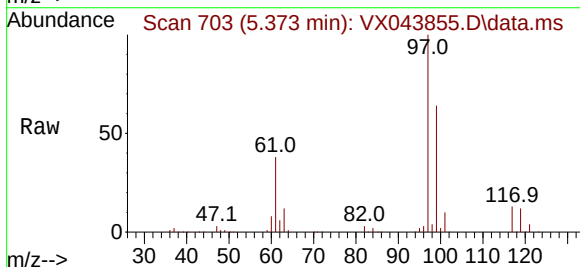
Tgt Ion: 97 Resp: 264415

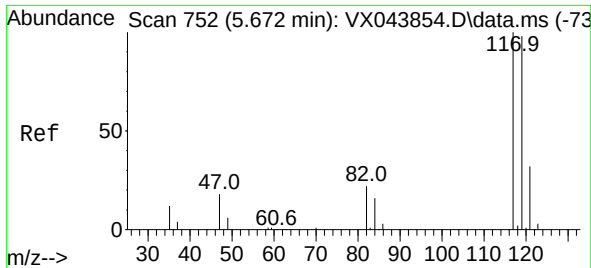
Ion Ratio Lower Upper

97 100

99 64.8 50.8 76.2

61 38.4 30.6 45.8

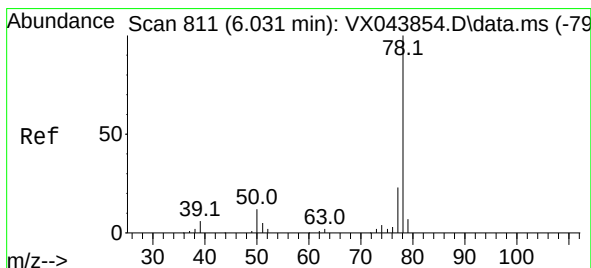
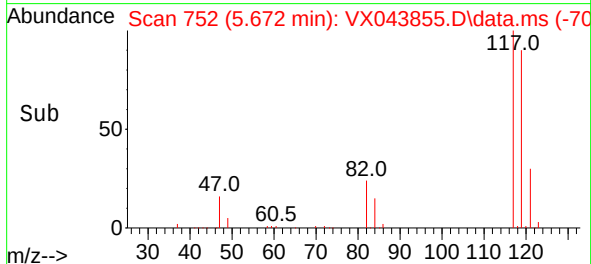
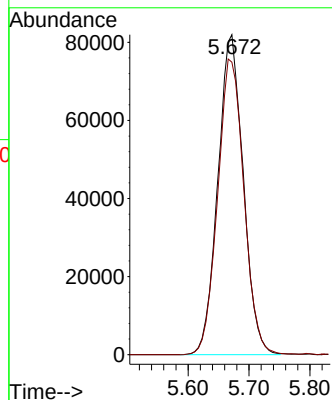
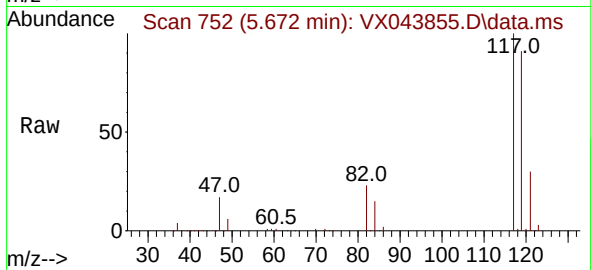




#31
Carbon tetrachloride
Concen: 102.405 ug/L
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX043855.D
Acq: 14 Nov 2024 16:07

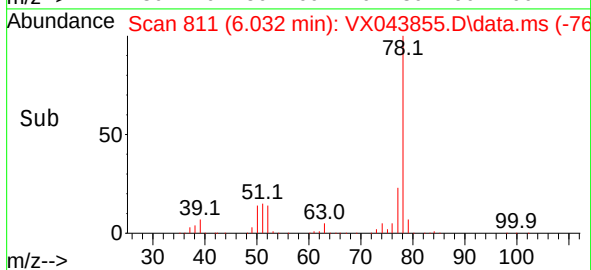
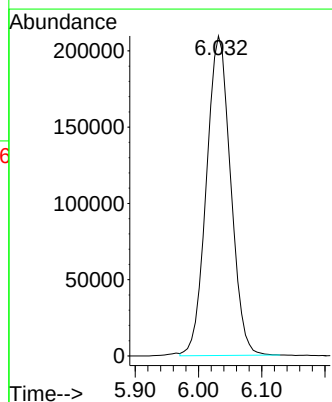
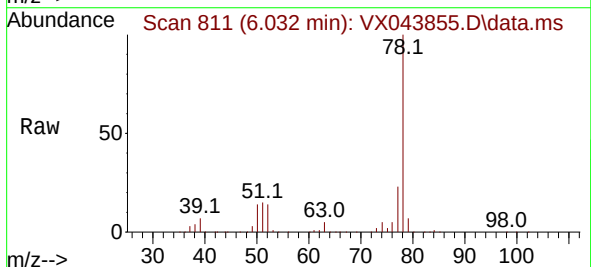
Instrument :
MSVOA_X
ClientSampleId :

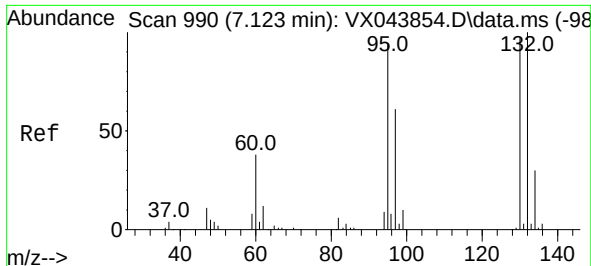
Tgt Ion:117 Resp: 237188
Ion Ratio Lower Upper
117 100
119 95.4 78.0 117.0



#33
Benzene
Concen: 94.878 ug/L
RT: 6.032 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX043855.D
Acq: 14 Nov 2024 16:07

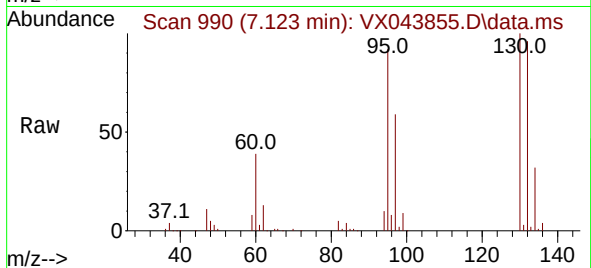
Tgt Ion: 78 Resp: 557502





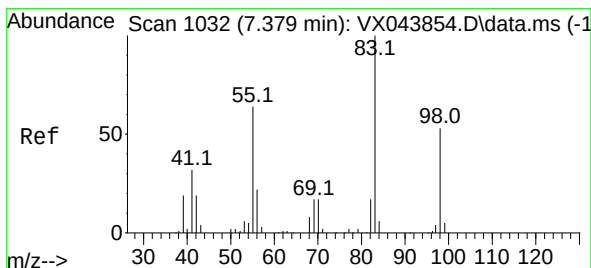
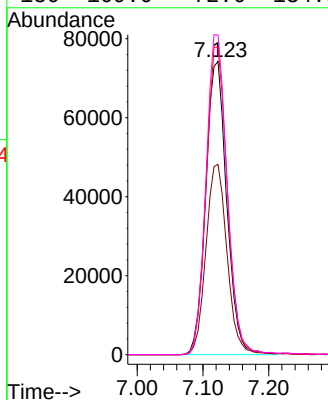
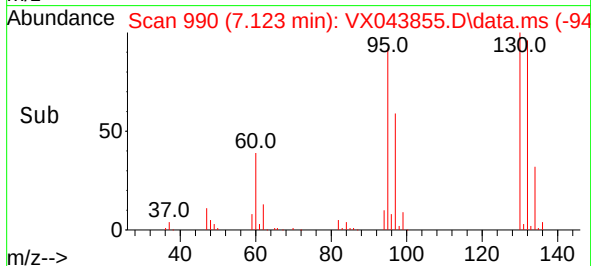
#34
Trichloroethene
Concen: 84.955 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX043855.D
Acq: 14 Nov 2024 16:07

Instrument :
MSVOA_X
ClientSampleId :

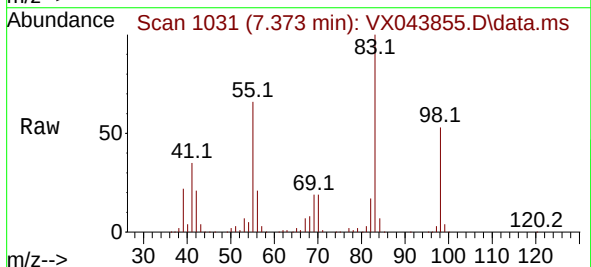


Tgt Ion: 95 Resp: 165703

Ion	Ratio	Lower	Upper
95	100		
97	64.9	45.6	84.6
132	104.8	74.4	138.2
130	109.0	72.6	134.8

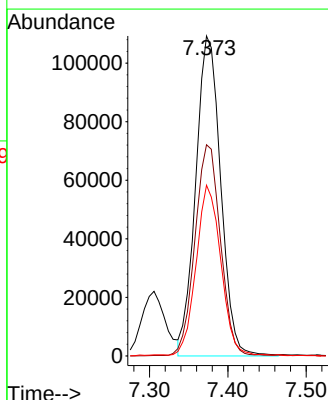
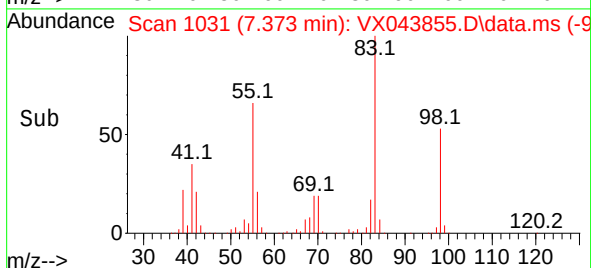


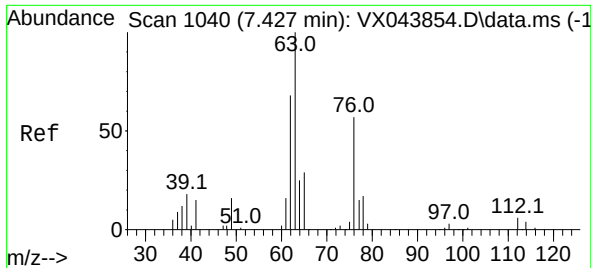
#35
Methylcyclohexane
Concen: 97.215 ug/L
RT: 7.373 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX043855.D
Acq: 14 Nov 2024 16:07



Tgt Ion: 83 Resp: 242346

Ion	Ratio	Lower	Upper
83	100		
55	67.2	53.5	80.3
98	52.7	43.0	64.6

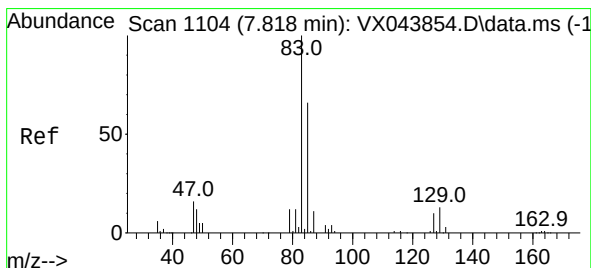
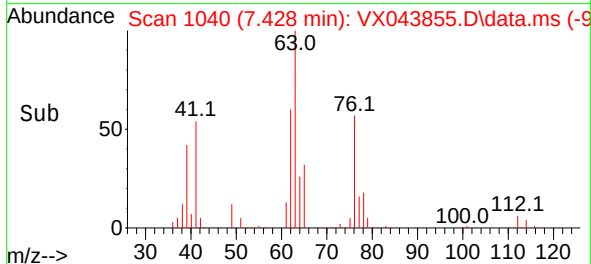
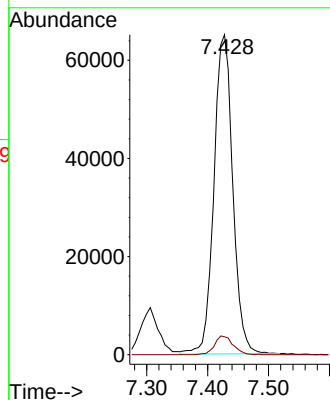
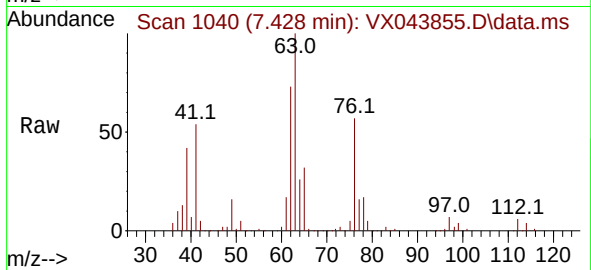




#37
1,2-Dichloropropane
Concen: 97.581 ug/L
RT: 7.428 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX043855.D
Acq: 14 Nov 2024 16:07

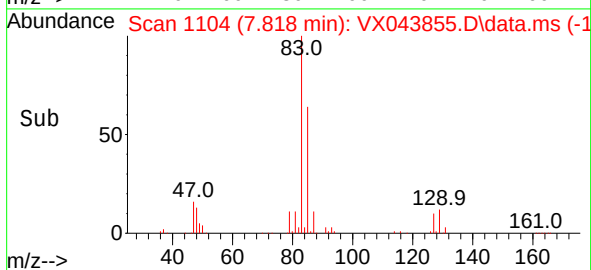
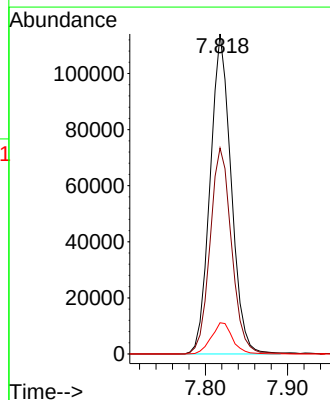
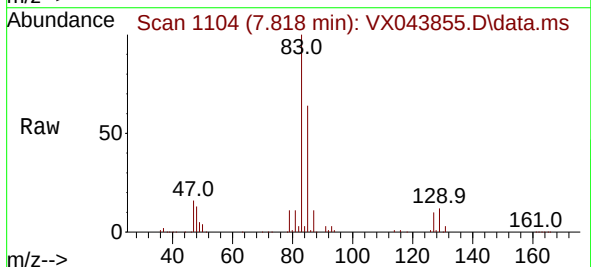
Instrument :
MSVOA_X
ClientSampleId :

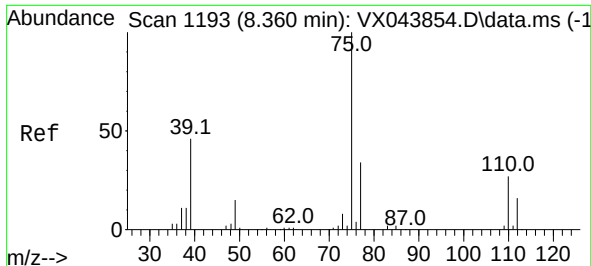
Tgt Ion: 63 Resp: 139897
Ion Ratio Lower Upper
63 100
112 5.7 4.6 7.0



#38
Bromodichloromethane
Concen: 101.852 ug/L
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX043855.D
Acq: 14 Nov 2024 16:07

Tgt Ion: 83 Resp: 202552
Ion Ratio Lower Upper
83 100
85 64.3 46.5 86.3
127 9.8 8.1 12.1





#39

cis-1,3-Dichloropropene

Concen: 102.972 ug/L

RT: 8.360 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VX043855.D

Acq: 14 Nov 2024 16:07

Instrument :

MSVOA_X

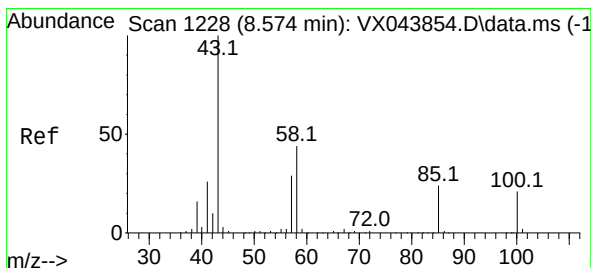
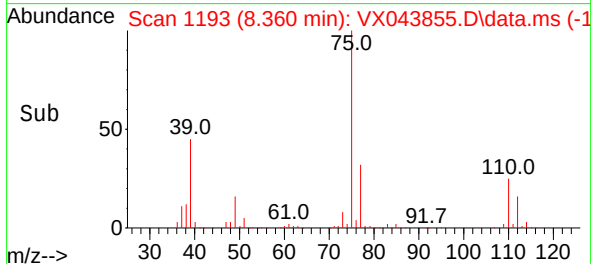
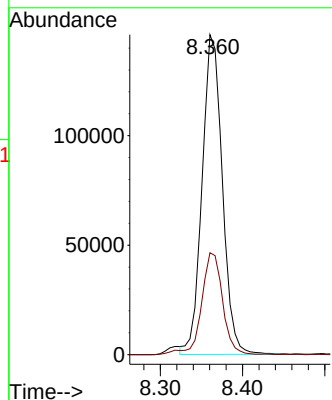
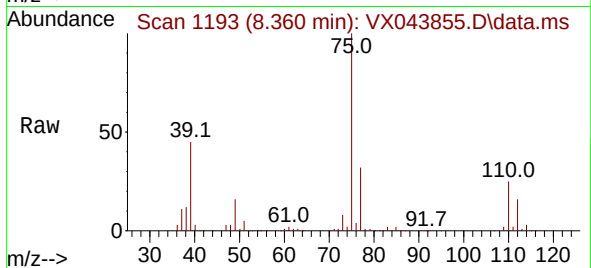
ClientSampleId :

Tgt Ion: 75 Resp: 249907

Ion Ratio Lower Upper

75 100

77 31.8 23.7 44.1



#40

4-Methyl-2-pentanone

Concen: 189.245 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX043855.D

Acq: 14 Nov 2024 16:07

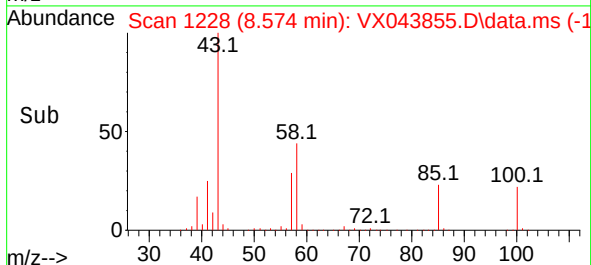
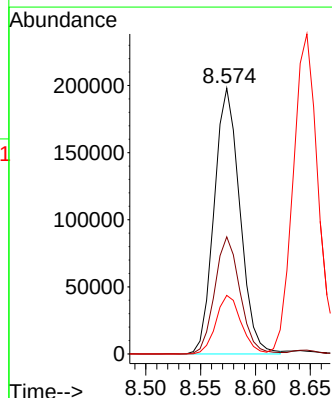
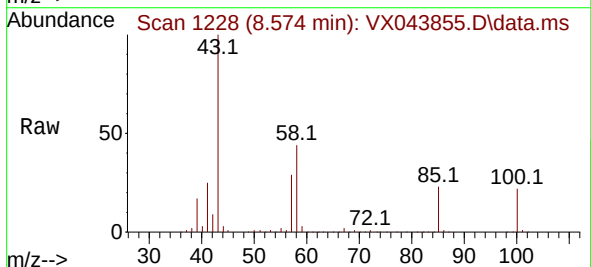
Tgt Ion: 43 Resp: 323620

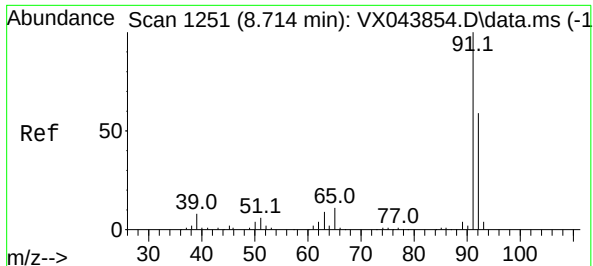
Ion Ratio Lower Upper

43 100

58 43.3 34.0 51.0

100 21.6 17.2 25.8





#42

Toluene

Concen: 97.288 ug/L

RT: 8.714 min Scan# 1251

Delta R.T. 0.000 min MSVOA_X

Lab File: VX043855.D

Acq: 14 Nov 2024 16:07

Instrument :

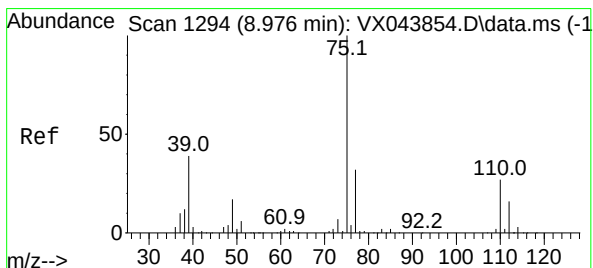
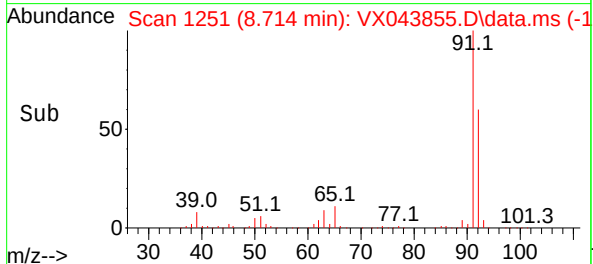
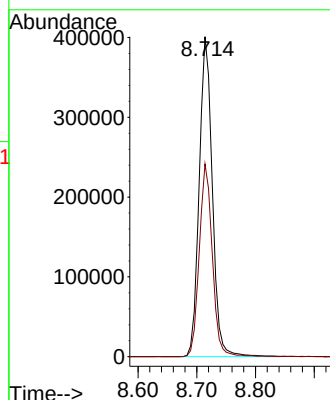
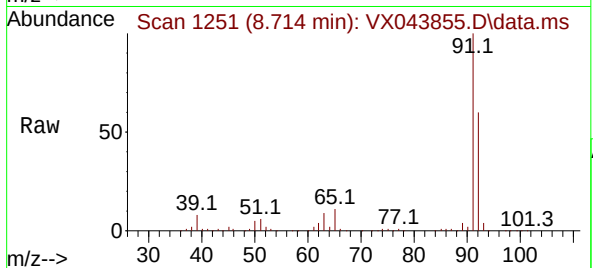
ClientSampleId :

Tgt Ion: 91 Resp: 623838

Ion Ratio Lower Upper

91 100

92 60.3 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 104.368 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX043855.D

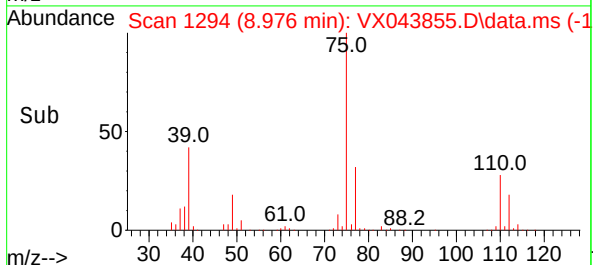
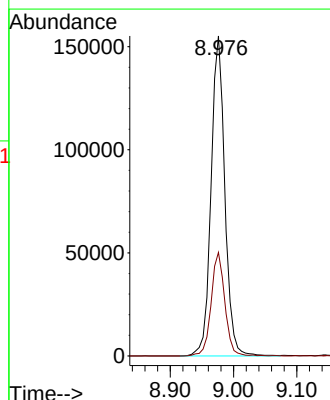
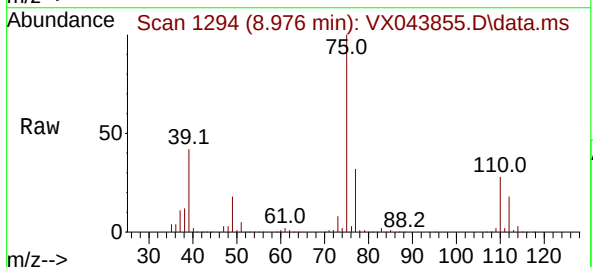
Acq: 14 Nov 2024 16:07

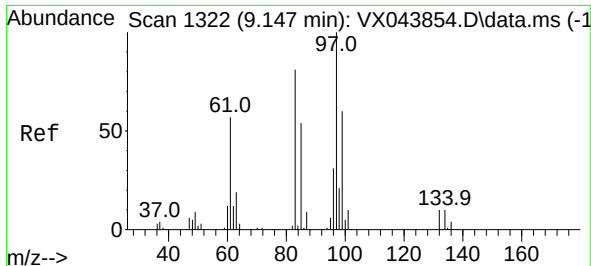
Tgt Ion: 75 Resp: 234941

Ion Ratio Lower Upper

75 100

77 32.3 22.5 41.7





#45

1,1,2-Trichloroethane

Concen: 95.075 ug/L

RT: 9.147 min Scan# 1322

Delta R.T. 0.000 min

Lab File: VX043855.D

Acq: 14 Nov 2024 16:07

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 157065

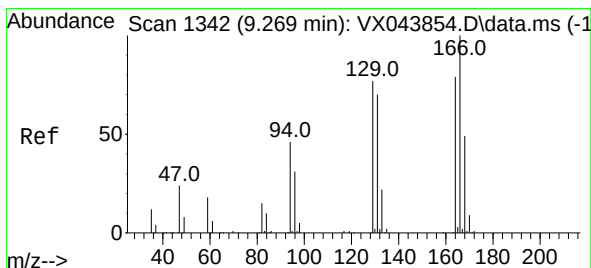
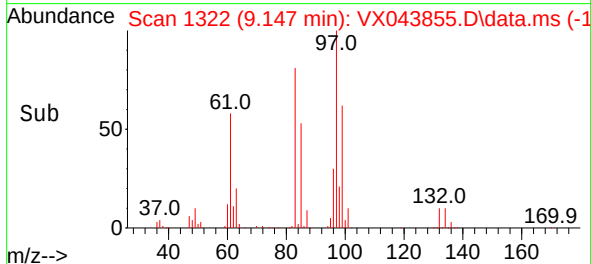
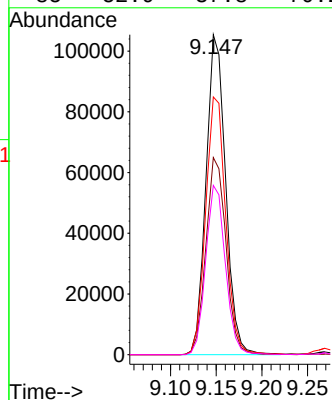
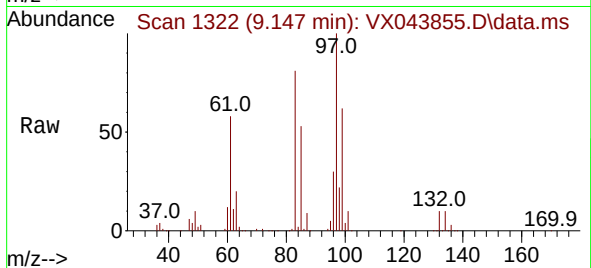
Ion Ratio Lower Upper

97 100

99 61.6 42.1 78.1

83 80.5 56.9 105.7

85 52.9 37.8 70.2



#46

Tetrachloroethene

Concen: 96.738 ug/L

RT: 9.269 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VX043855.D

Acq: 14 Nov 2024 16:07

Tgt Ion:164 Resp: 135726

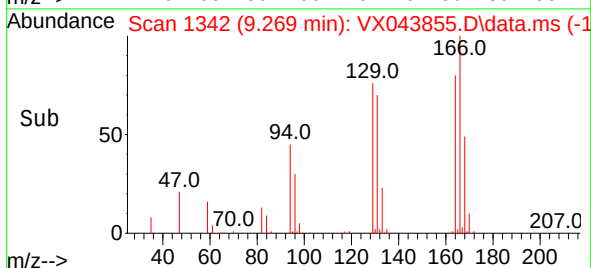
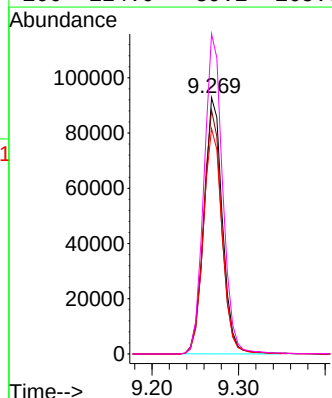
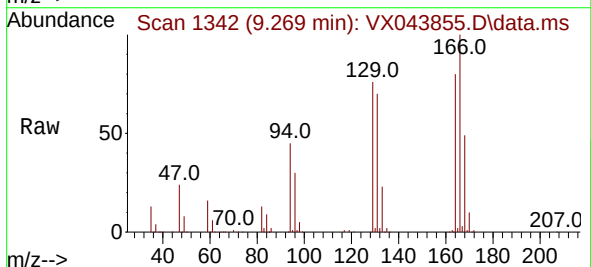
Ion Ratio Lower Upper

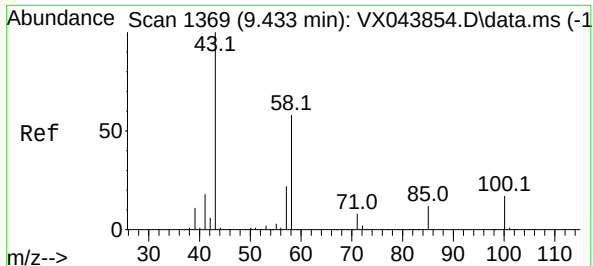
164 100

129 95.2 68.9 127.9

131 87.9 62.6 116.2

166 124.9 89.2 165.6





#48

2-Hexanone

Concen: 193.461 ug/L

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX043855.D

Acq: 14 Nov 2024 16:07

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 43 Resp: 269035

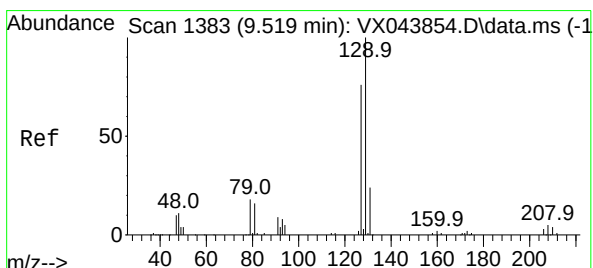
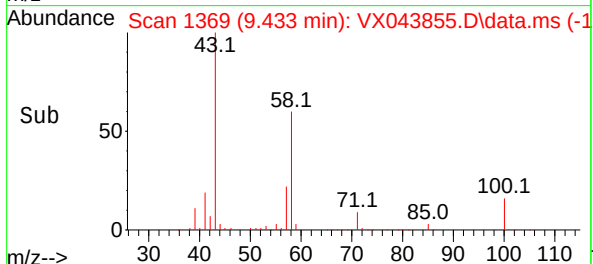
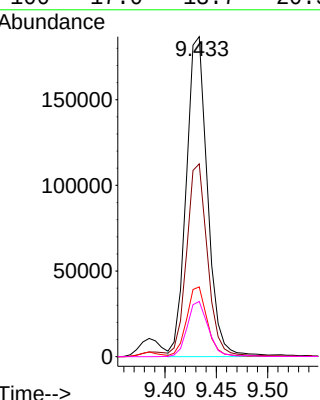
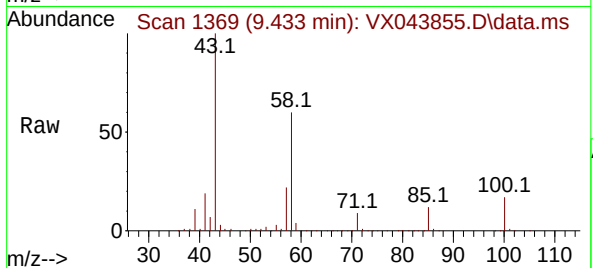
Ion Ratio Lower Upper

43 100

58 59.8 47.8 71.6

57 21.4 16.6 24.8

100 17.0 13.7 20.5



#49

Dibromochloromethane

Concen: 104.662 ug/L

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX043855.D

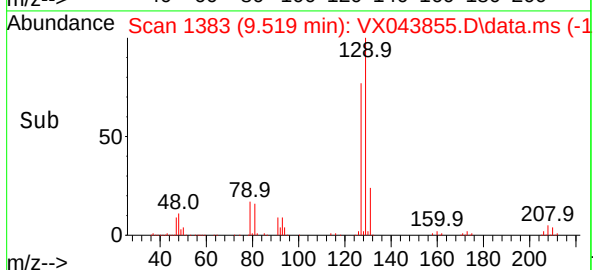
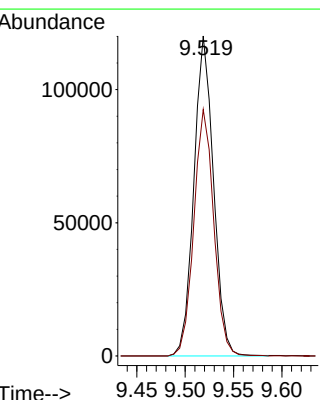
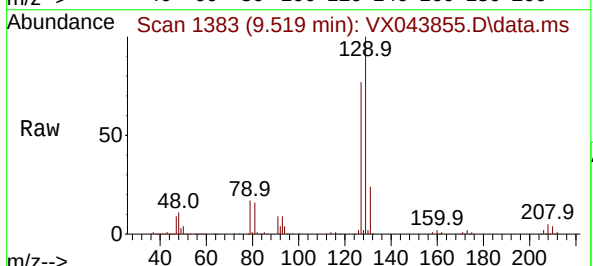
Acq: 14 Nov 2024 16:07

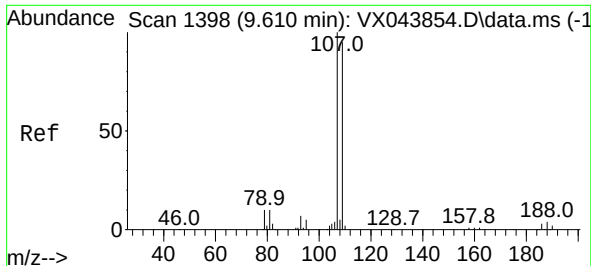
Tgt Ion:129 Resp: 170047

Ion Ratio Lower Upper

129 100

127 77.0 53.3 99.1





#50

1,2-Dibromoethane

Concen: 96.397 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX043855.D

Acq: 14 Nov 2024 16:07

Instrument :

MSVOA_X

ClientSampleId :

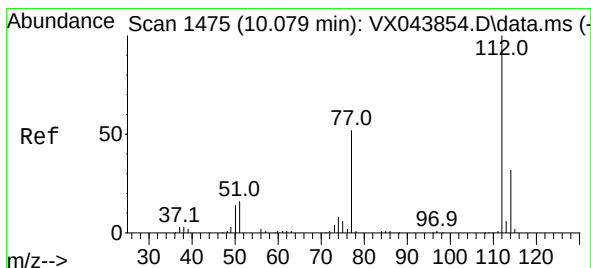
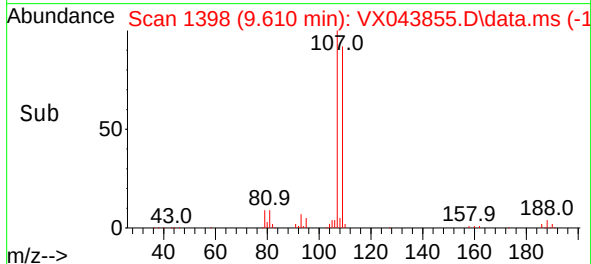
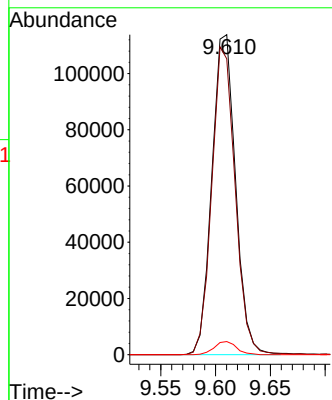
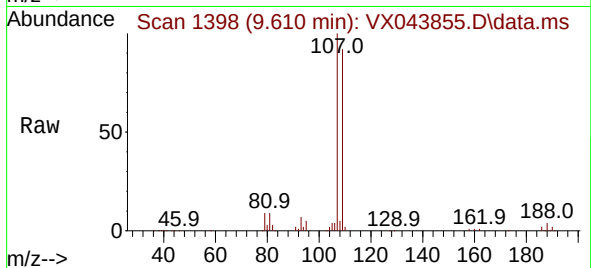
Tgt Ion:107 Resp: 171215

Ion Ratio Lower Upper

107 100

109 92.5 66.6 123.8

188 4.1 3.4 5.0



#51

Chlorobenzene

Concen: 97.048 ug/L

RT: 10.080 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX043855.D

Acq: 14 Nov 2024 16:07

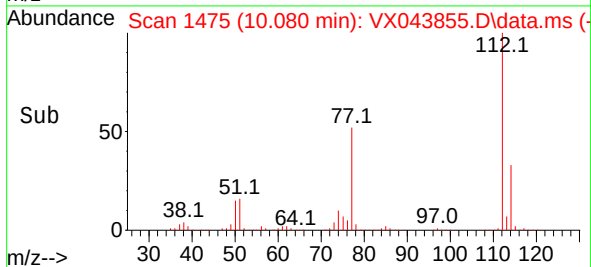
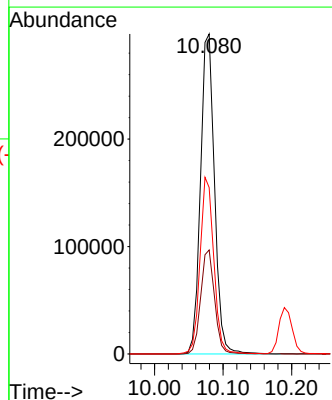
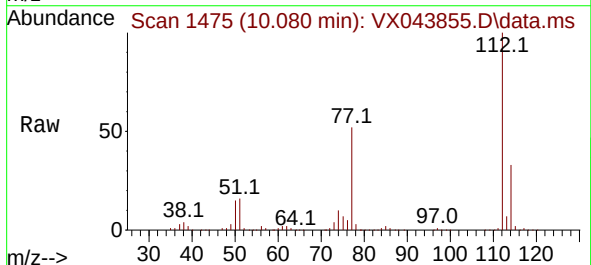
Tgt Ion:112 Resp: 425153

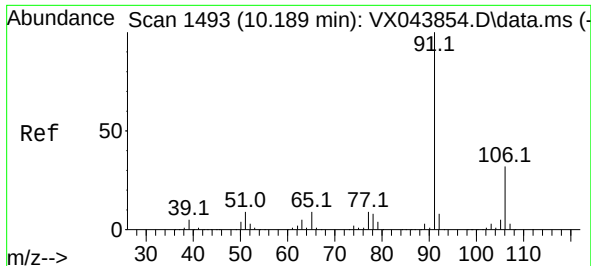
Ion Ratio Lower Upper

112 100

114 32.5 22.2 41.2

77 52.0 42.4 63.6





#52

Ethylbenzene

Concen: 98.888 ug/L

RT: 10.189 min Scan# 1493

Delta R.T. 0.000 min

Lab File: VX043855.D

Acq: 14 Nov 2024 16:07

Instrument :

MSVOA_X

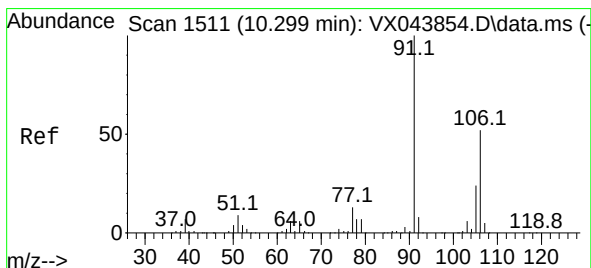
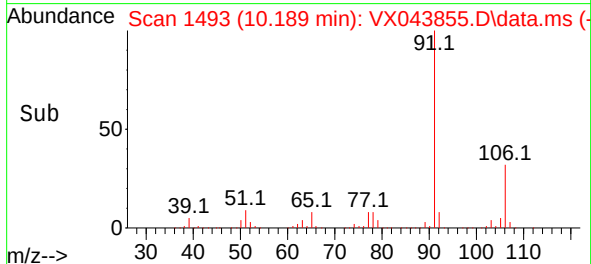
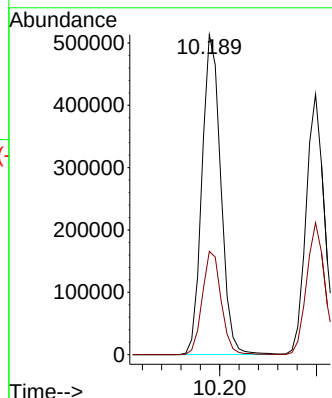
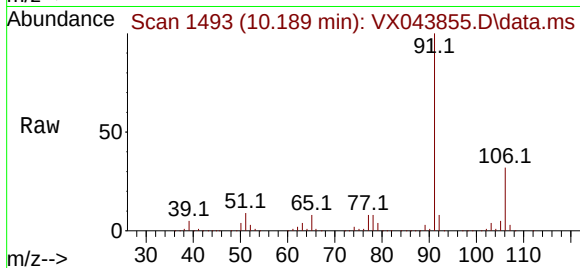
ClientSampleId :

Tgt Ion: 91 Resp: 693686

Ion Ratio Lower Upper

91 100

106 32.3 22.7 42.3



#53

m,p-Xylene

Concen: 98.816 ug/L

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX043855.D

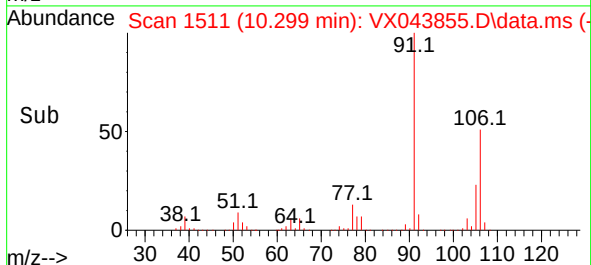
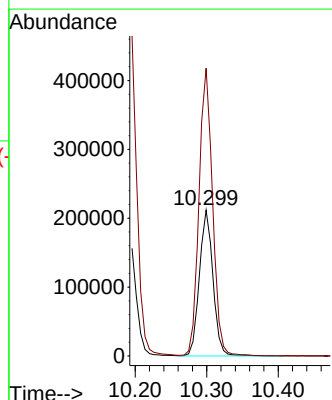
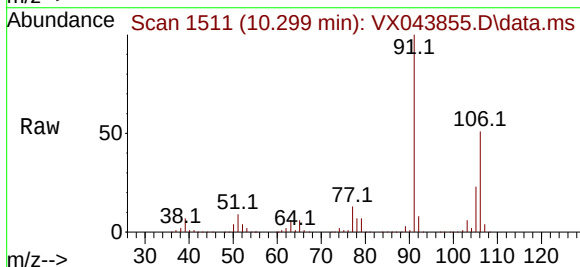
Acq: 14 Nov 2024 16:07

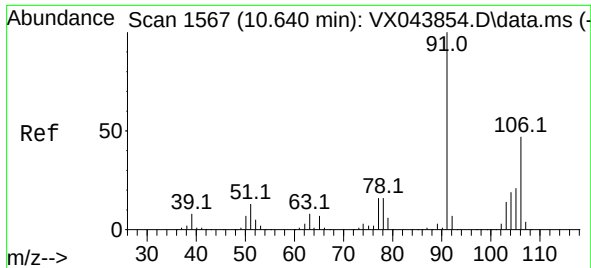
Tgt Ion:106 Resp: 278666

Ion Ratio Lower Upper

106 100

91 197.3 134.3 249.5

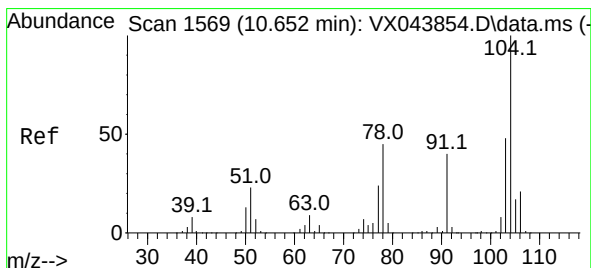
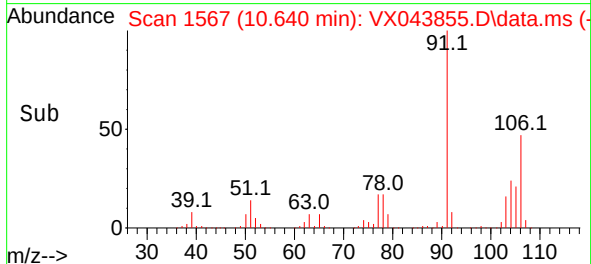
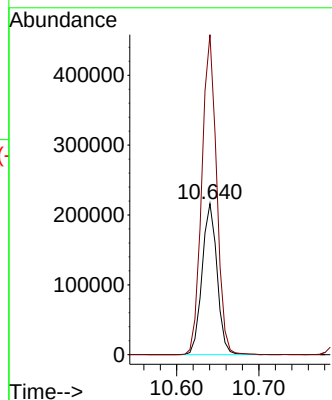
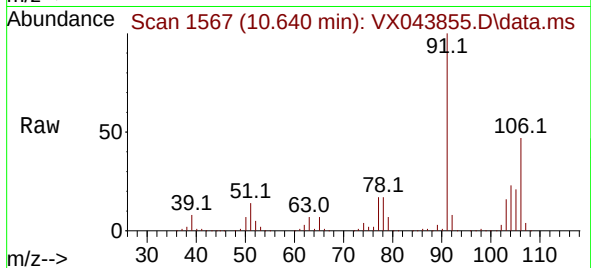




#54
o-Xylene
Concen: 97.415 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX043855.D
Acq: 14 Nov 2024 16:07

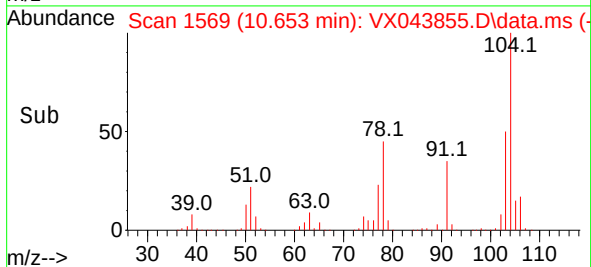
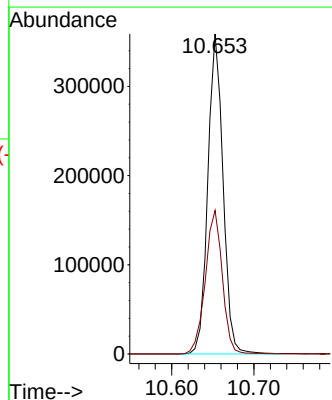
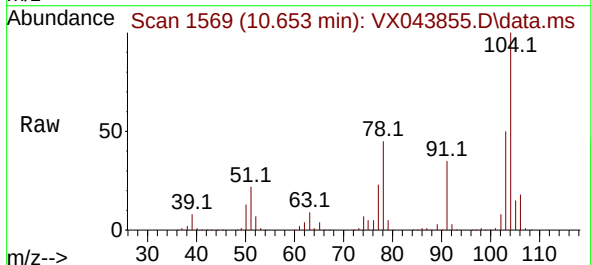
Instrument :
MSVOA_X
ClientSampleId :

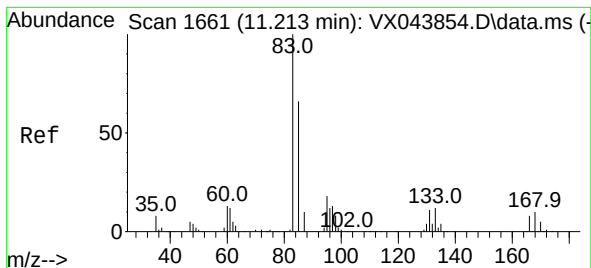
Tgt Ion:106 Resp: 273512
Ion Ratio Lower Upper
106 100
91 211.9 149.7 277.9



#55
Styrene
Concen: 100.877 ug/L
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX043855.D
Acq: 14 Nov 2024 16:07

Tgt Ion:104 Resp: 460992
Ion Ratio Lower Upper
104 100
78 44.8 31.6 58.6





#57

1,1,2,2-Tetrachloroethane

Concen: 96.055 ug/L

RT: 11.214 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX043855.D

Acq: 14 Nov 2024 16:07

Instrument :

MSVOA_X

ClientSampleId :

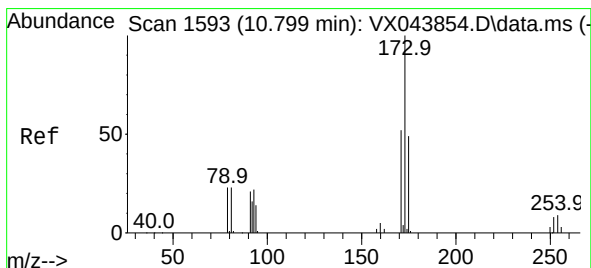
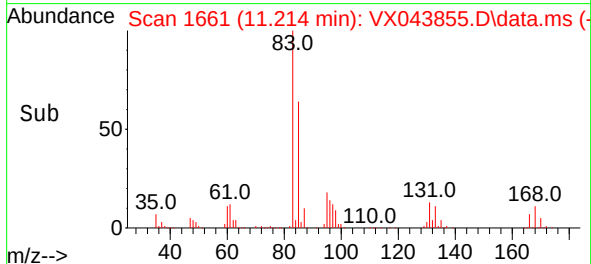
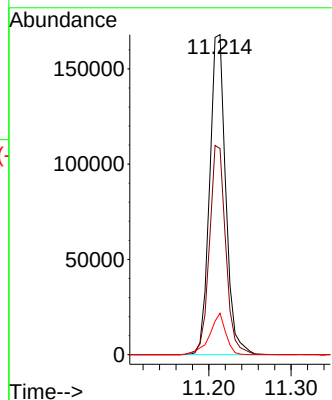
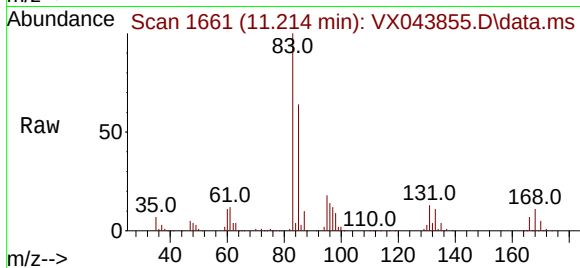
Tgt Ion: 83 Resp: 228866

Ion Ratio Lower Upper

83 100

85 64.4 46.2 85.8

131 13.0 9.2 13.8



#59

Bromoform

Concen: 105.792 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX043855.D

Acq: 14 Nov 2024 16:07

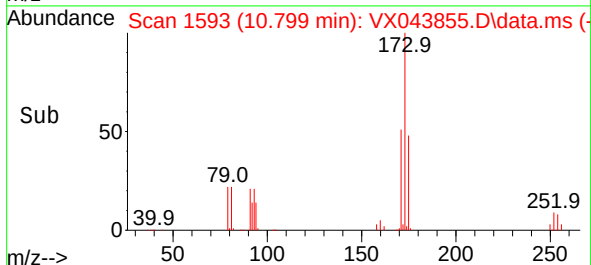
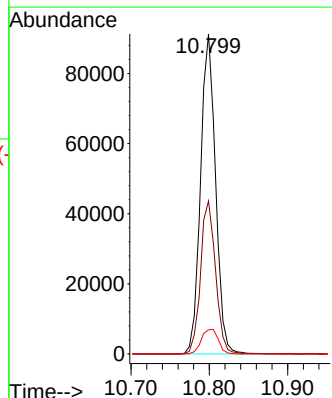
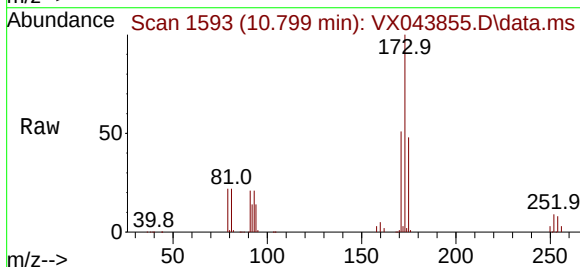
Tgt Ion:173 Resp: 121431

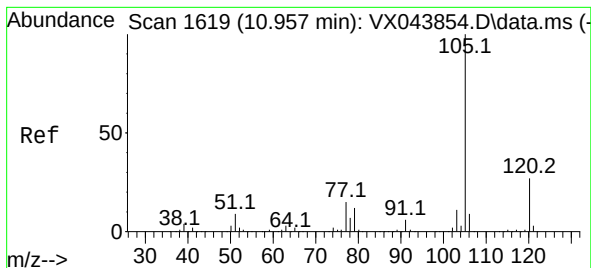
Ion Ratio Lower Upper

173 100

175 47.8 40.0 60.0

254 8.7 7.0 10.4





#60

Isopropylbenzene

Concen: 95.894 ug/L

RT: 10.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX043855.D

Acq: 14 Nov 2024 16:07

Instrument :

MSVOA_X

ClientSampleId :

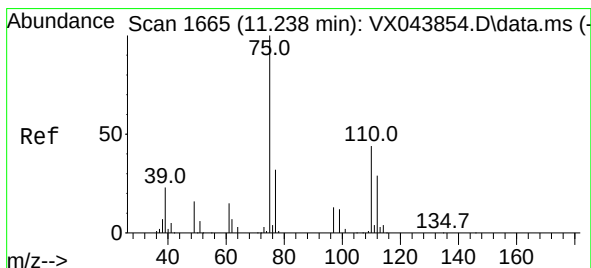
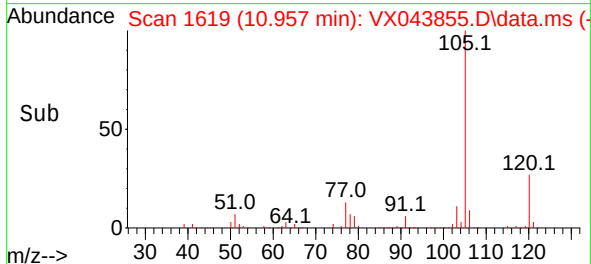
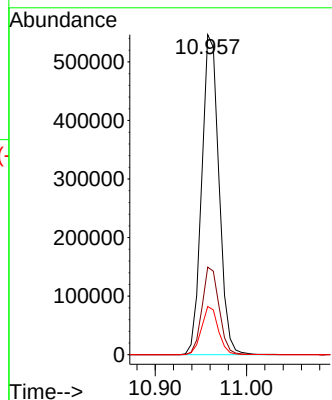
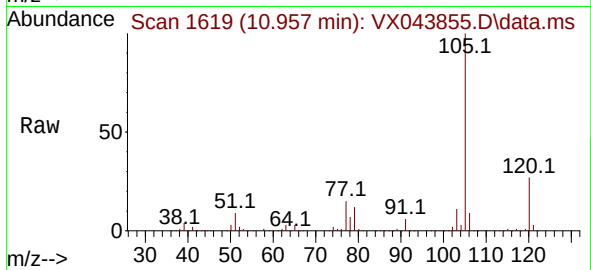
Tgt Ion:105 Resp: 714945

Ion Ratio Lower Upper

105 100

120 27.1 22.4 33.6

77 14.7 11.7 17.5



#61

1,2,3-Trichloropropane

Concen: 91.974 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX043855.D

Acq: 14 Nov 2024 16:07

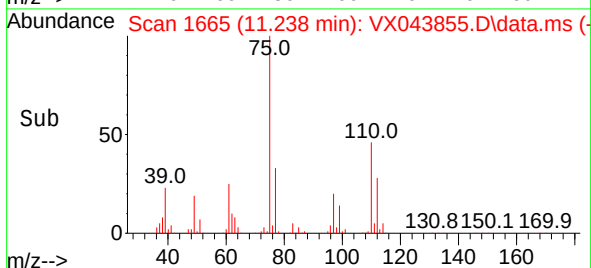
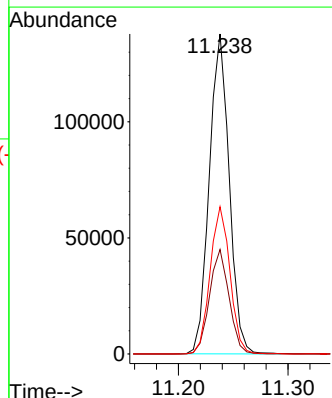
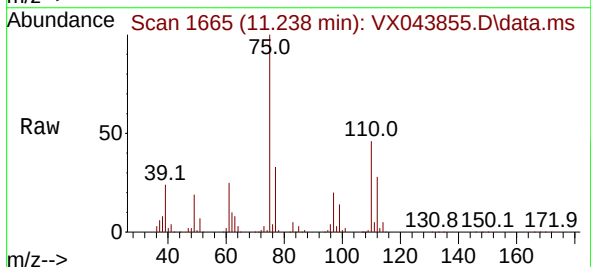
Tgt Ion: 75 Resp: 173893

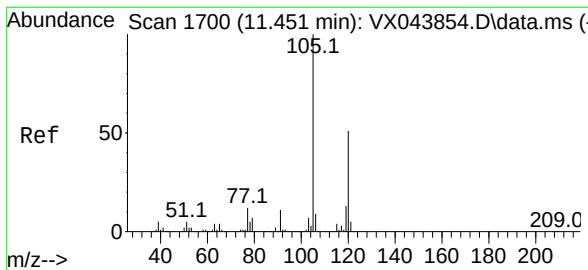
Ion Ratio Lower Upper

75 100

77 32.2 25.7 38.5

110 45.7 37.0 55.6

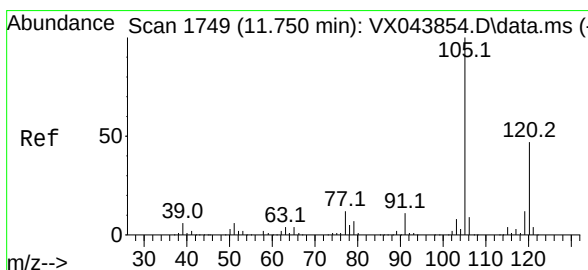
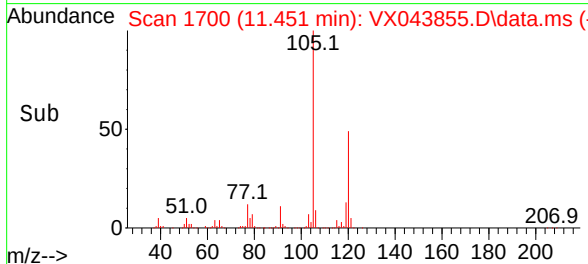
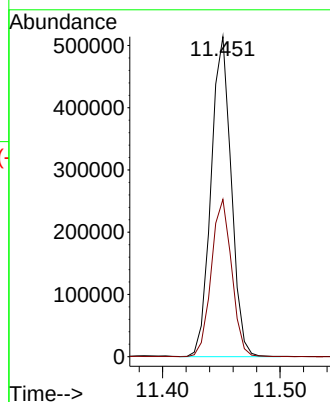
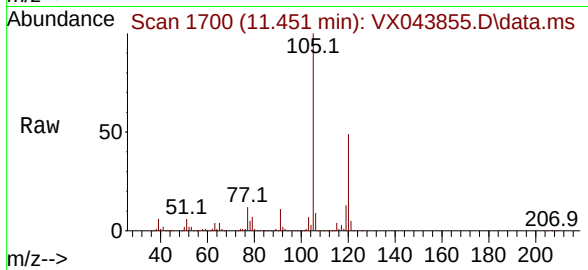




#62
1,3,5-Trimethylbenzene
Concen: 97.815 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX043855.D
Acq: 14 Nov 2024 16:07

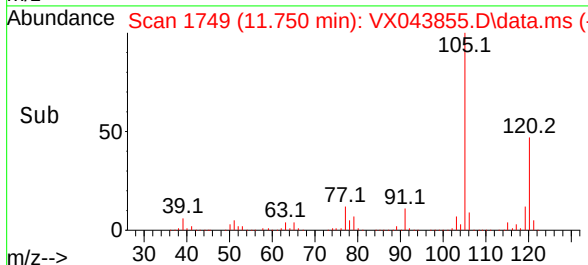
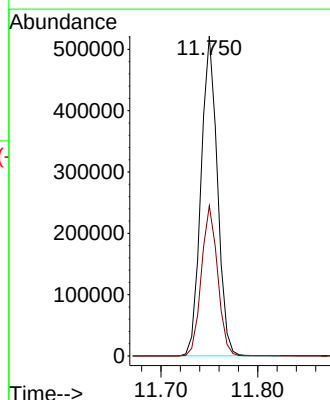
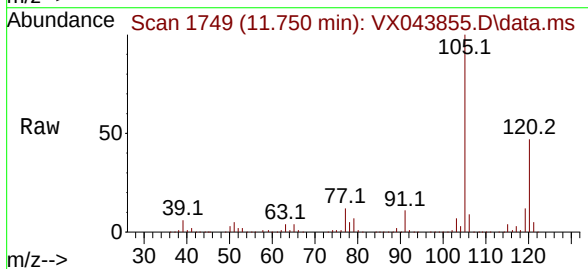
Instrument :
MSVOA_X
ClientSampleId :

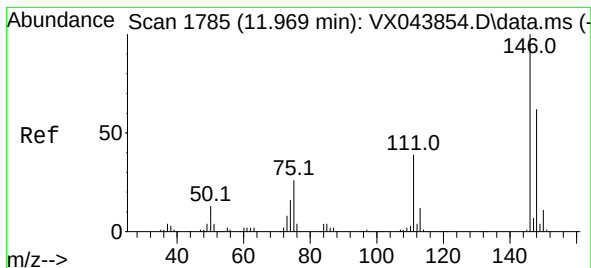
Tgt Ion:105 Resp: 614123
Ion Ratio Lower Upper
105 100
120 49.7 39.6 59.4



#63
1,2,4-Trimethylbenzene
Concen: 98.093 ug/L
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX043855.D
Acq: 14 Nov 2024 16:07

Tgt Ion:105 Resp: 613098
Ion Ratio Lower Upper
105 100
120 46.4 37.6 56.4





#64

1,3-Dichlorobenzene

Concen: 96.290 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX043855.D

Acq: 14 Nov 2024 16:07

Instrument :

MSVOA_X

ClientSampleId :

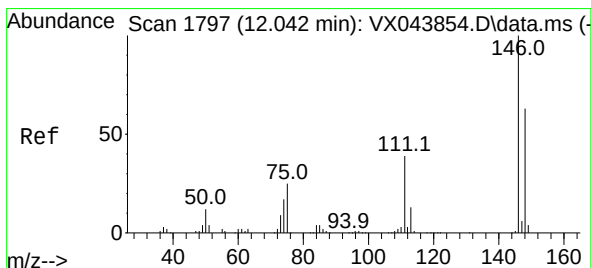
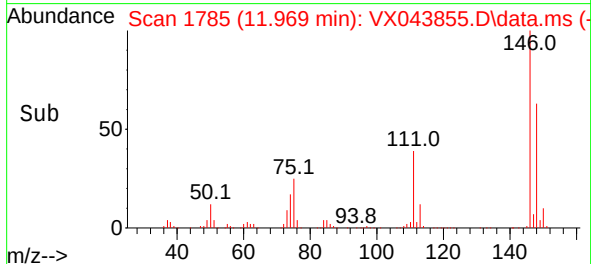
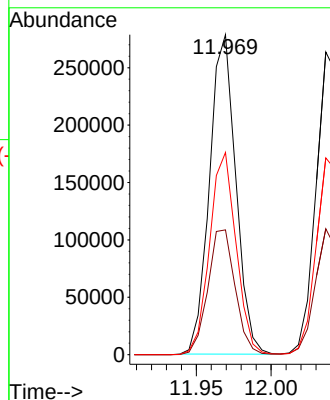
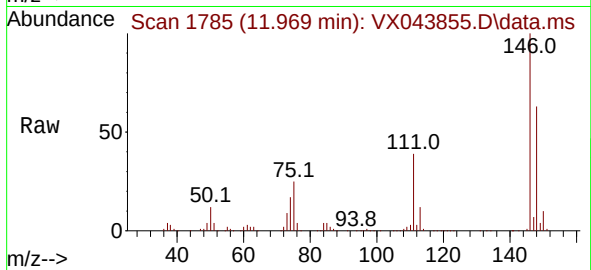
Tgt Ion:146 Resp: 341052

Ion Ratio Lower Upper

146 100

111 39.0 27.2 50.4

148 63.2 43.5 80.7



#65

1,4-Dichlorobenzene

Concen: 94.308 ug/L

RT: 12.037 min Scan# 1796

Delta R.T. -0.006 min

Lab File: VX043855.D

Acq: 14 Nov 2024 16:07

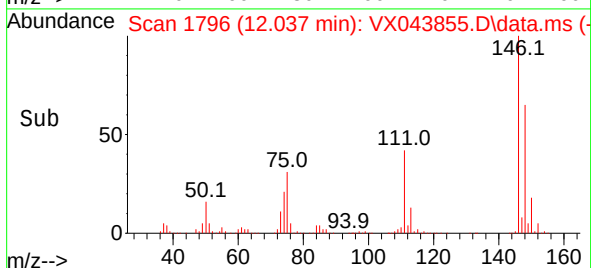
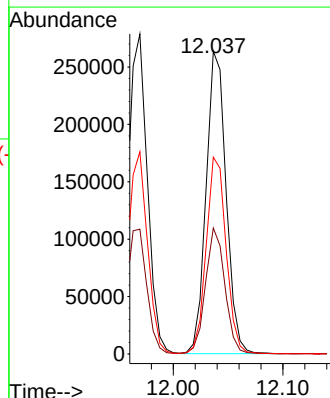
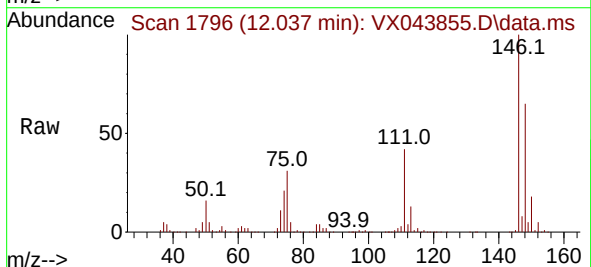
Tgt Ion:146 Resp: 333621

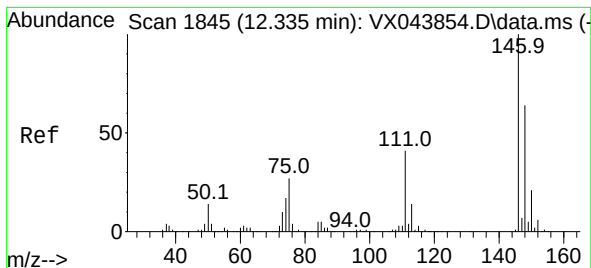
Ion Ratio Lower Upper

146 100

111 41.6 27.5 51.1

148 65.0 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 94.009 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX043855.D

Acq: 14 Nov 2024 16:07

Instrument :

MSVOA_X

ClientSampleId :

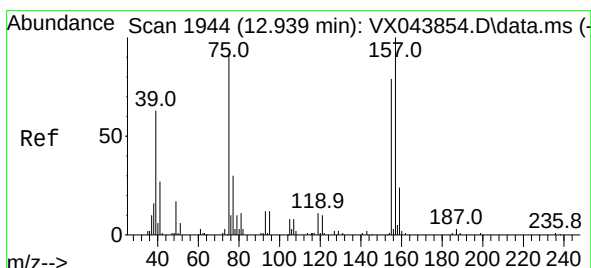
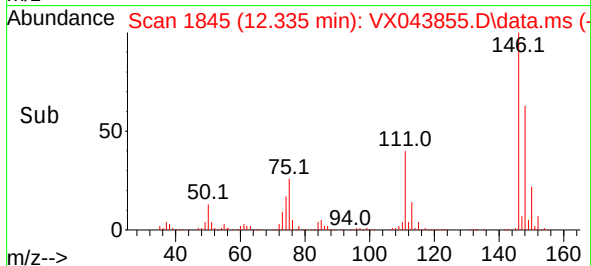
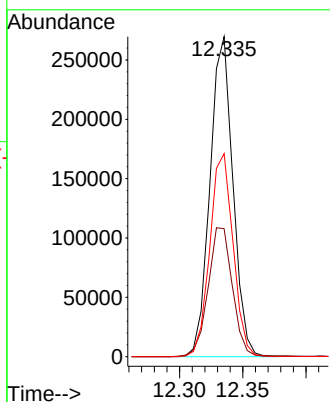
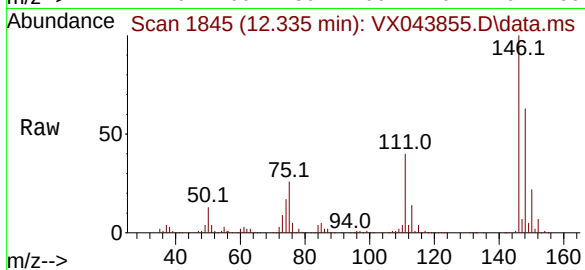
Tgt Ion:146 Resp: 339523

Ion Ratio Lower Upper

146 100

111 40.0 33.0 49.4

148 63.5 51.5 77.3



#68

1,2-Dibromo-3-chloropropane

Concen: 103.268 ug/L

RT: 12.939 min Scan# 1944

Delta R.T. 0.000 min

Lab File: VX043855.D

Acq: 14 Nov 2024 16:07

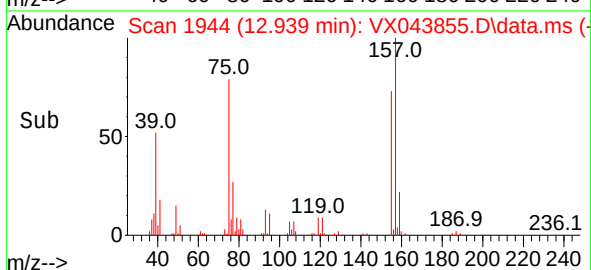
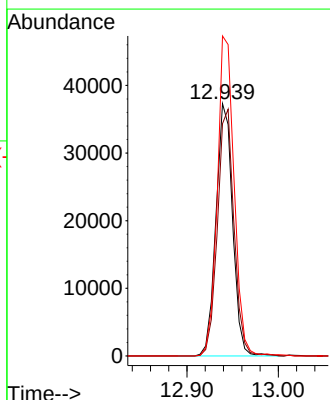
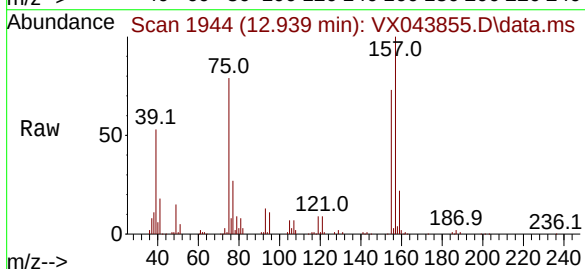
Tgt Ion: 75 Resp: 47185

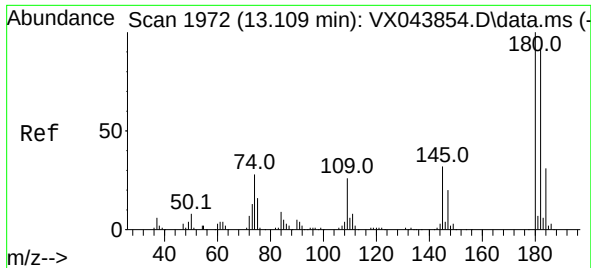
Ion Ratio Lower Upper

75 100

155 92.1 68.7 103.1

157 126.8 87.2 130.8





#69

1,3,5-Trichlorobenzene

Concen: 99.210 ug/L

RT: 13.110 min Scan# 1772

Delta R.T. 0.000 min

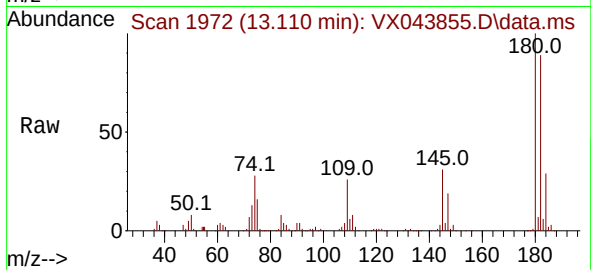
Lab File: VX043855.D

Acq: 14 Nov 2024 16:07

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 235500

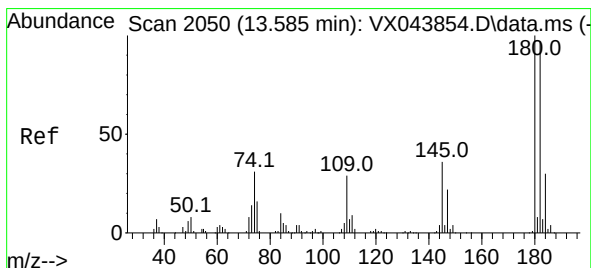
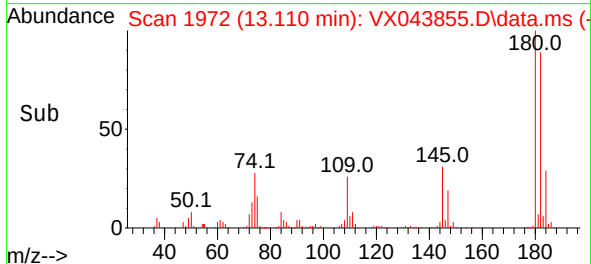
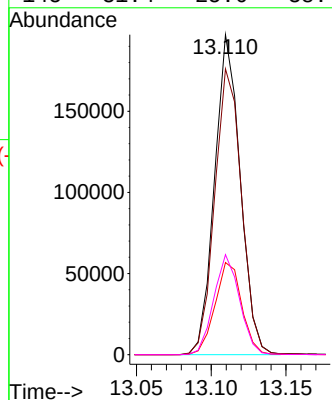
Ion Ratio Lower Upper

180 100

182 93.4 74.5 111.7

184 30.0 23.9 35.9

145 31.4 25.6 38.4



#70

1,2,4-trichlorobenzene

Concen: 101.873 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX043855.D

Acq: 14 Nov 2024 16:07

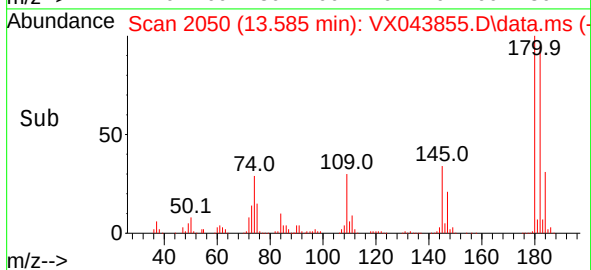
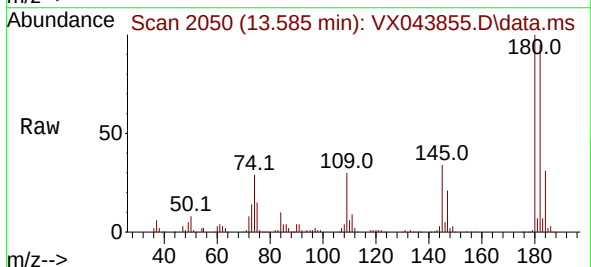
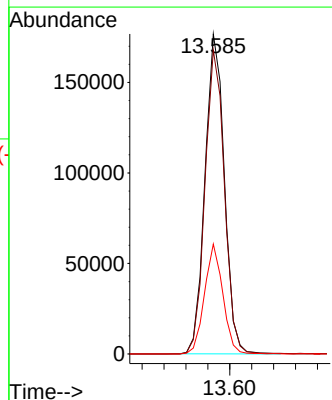
Tgt Ion:180 Resp: 216384

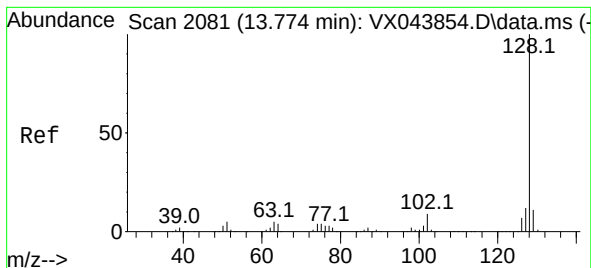
Ion Ratio Lower Upper

180 100

182 95.2 75.7 113.5

145 32.6 26.5 39.7





#71

Naphthalene

Concen: 100.717 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX043855.D

Acq: 14 Nov 2024 16:07

Instrument :

MSVOA_X

ClientSampleId :

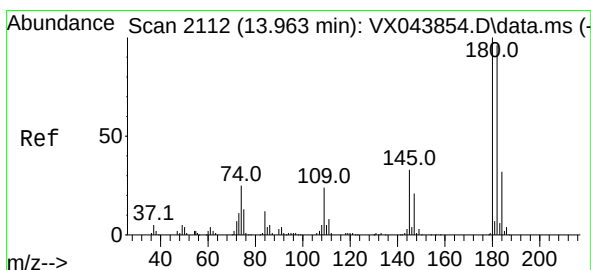
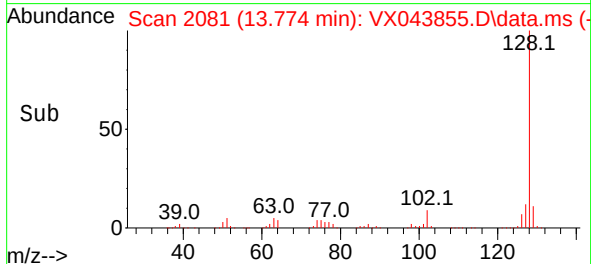
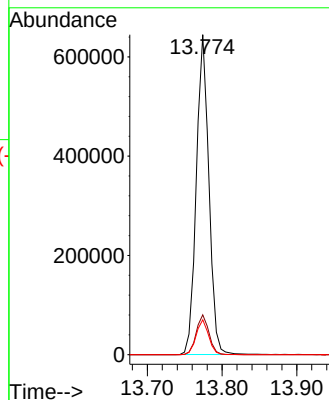
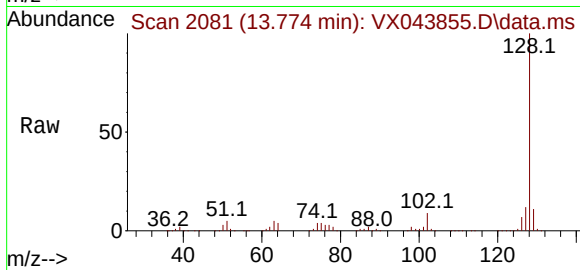
Tgt Ion:128 Resp: 751557

Ion Ratio Lower Upper

128 100

127 12.6 9.8 14.6

129 10.9 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 100.878 ug/L

RT: 13.957 min Scan# 2111

Delta R.T. -0.006 min

Lab File: VX043855.D

Acq: 14 Nov 2024 16:07

Tgt Ion:180 Resp: 219993

Ion Ratio Lower Upper

180 100

182 95.6 75.7 113.5

145 33.9 27.6 41.4

