

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111424\
 Data File : VX043853.D
 Acq On : 14 Nov 2024 15:22
 Operator : JC/MD
 Sample : VSTD01037
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 15 02:06:34 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	232444	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	203720	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	98889	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	14922	10.339	ug/L	0.00
7) Chloroethane-d5	1.648	69	8271	8.663	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.294	65	6164	9.466	ug/L	0.00
21) 2-Butanone-d5	4.471	46	14754	19.222	ug/L	0.01
24) Chloroform-d	0.000	84	0	0.000	ug/L	
26) 1,2-Dichloroethane-d4	5.952	65	19540	9.964	ug/L	0.00
32) Benzene-d6	5.964	84	57865	10.209	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.306	67	16833	10.428	ug/L	0.00
41) Toluene-d8	8.647	98	54445	10.159	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	7352	9.037	ug/L	0.00
47) 2-Hexanone-d5	9.391	63	11492	19.270	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	22100	9.950	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	20336	9.858	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	18032	10.421	ug/L	100
3) Chloromethane	1.295	50	14120	10.115	ug/L	100
5) Vinyl chloride	1.374	62	16195	10.740	ug/L	95
6) Bromomethane	1.593	94	10184	10.289	ug/L	95
8) Chloroethane	1.660	64	8044	9.879	ug/L	99
9) Trichlorofluoromethane	1.874	101	28027	10.372	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	15952	10.466	ug/L	100
12) 1,1-Dichloroethene	2.307	96	14828	10.585	ug/L	# 75
13) Acetone	2.380	43	19941	21.653	ug/L	98
14) Carbon disulfide	2.502	76	26489	8.965	ug/L	98
15) Methyl Acetate	2.703	43	13016	10.259	ug/L	94
16) Methylene chloride	2.782	84	15774	10.309	ug/L	95
17) trans-1,2-Dichloroethene	3.087	96	14172	10.037	ug/L	91
18) Methyl tert-butyl Ether	3.117	73	50365	10.232	ug/L	99
19) 1,1-Dichloroethane	3.605	63	25707	10.325	ug/L	95
20) cis-1,2-Dichloroethene	4.483	96	17321	10.222	ug/L	95
22) 2-Butanone	4.568	43	20521	20.189	ug/L	93
23) Bromochloromethane	4.891	128	9493	10.425	ug/L	95
25) Chloroform	5.087	83	28798	9.983	ug/L	94
27) 1,2-Dichloroethane	6.086	62	23793	10.520	ug/L	100
29) Cyclohexane	5.452	56	22315	10.541	ug/L	96
30) 1,1,1-Trichloroethane	5.373	97	25870	10.190	ug/L	100
31) Carbon tetrachloride	5.666	117	21784	9.944	ug/L	99
33) Benzene	6.032	78	58663	10.555	ug/L	100
34) Trichloroethene	7.123	95	19226	10.421	ug/L	95
35) Methylcyclohexane	7.373	83	24639	10.450	ug/L	99
37) 1,2-Dichloropropane	7.428	63	14513	10.703	ug/L	99
38) Bromodichloromethane	7.818	83	18563	9.869	ug/L	89
39) cis-1,3-Dichloropropene	8.366	75	22684	9.882	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	32227	19.924	ug/L	99
42) Toluene	8.714	91	62625	10.326	ug/L	97
44) trans-1,3-Dichloropropene	8.976	75	20248	9.510	ug/L	93

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

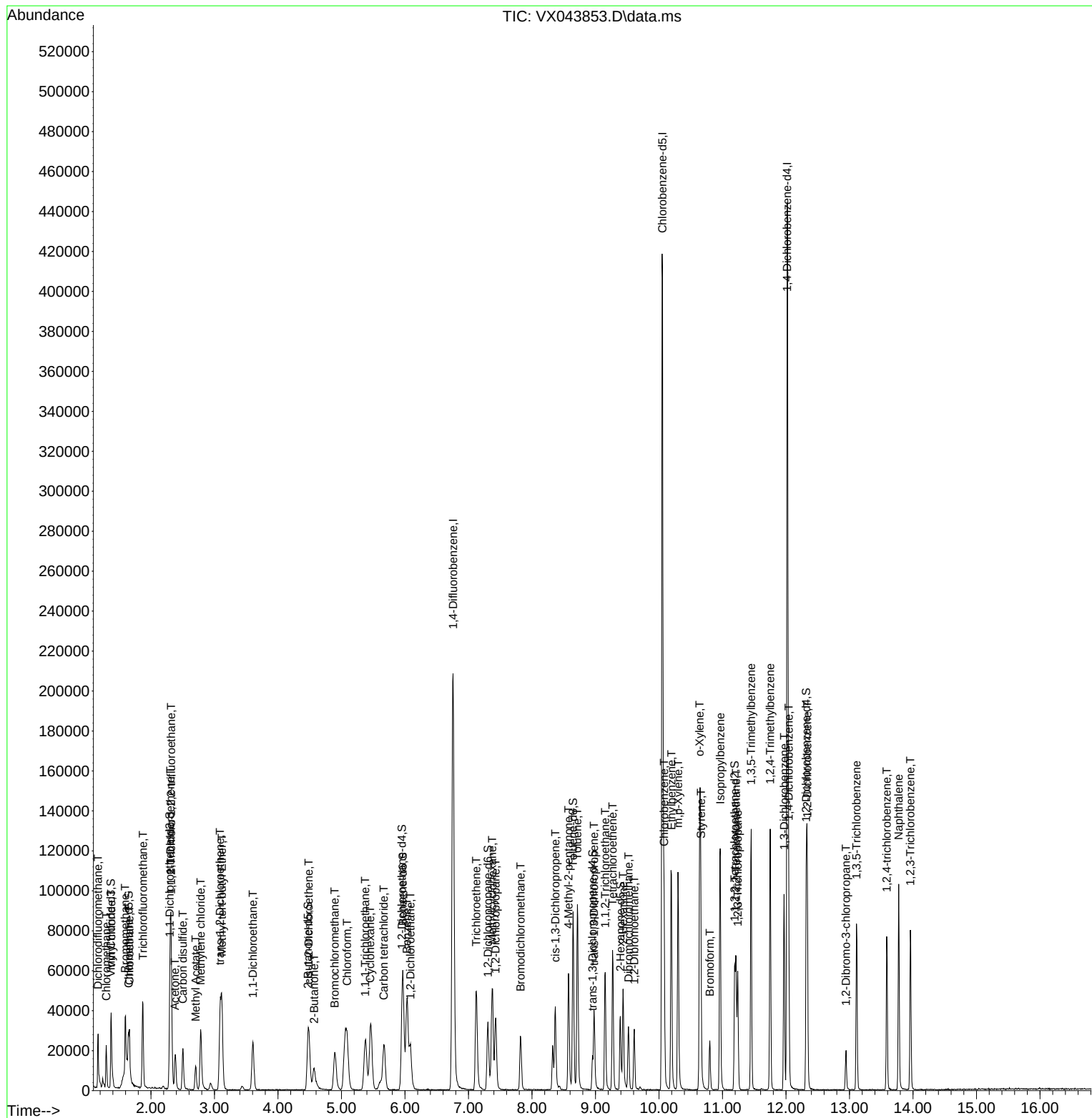
45) 1,1,2-Trichloroethane	9.153	97	16616	10.634	ug/L	97
46) Tetrachloroethene	9.269	164	13898	10.473	ug/L	94
48) 2-Hexanone	9.433	43	27529	20.929	ug/L	99
49) Dibromochloromethane	9.519	129	14655	9.536	ug/L	95
50) 1,2-Dibromoethane	9.610	107	17402	10.359	ug/L #	94
51) Chlorobenzene	10.080	112	43114	10.405	ug/L	97
52) Ethylbenzene	10.195	91	68255	10.287	ug/L	96
53) m,p-Xylene	10.299	106	28014	10.503	ug/L	94
54) o-Xylene	10.640	106	28492	10.729	ug/L	97
55) Styrene	10.659	104	44069	10.195	ug/L	94
57) 1,1,2,2-Tetrachloroethane	11.214	83	23879	10.596	ug/L	94
59) Bromoform	10.799	173	9313	9.094	ug/L	96
60) Isopropylbenzene	10.964	105	70872	10.655	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	18108	10.735	ug/L	96
62) 1,3,5-Trimethylbenzene	11.451	105	56835	10.146	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	58476	10.487	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	32433	10.263	ug/L	97
65) 1,4-Dichlorobenzene	12.043	146	32892	10.421	ug/L	96
67) 1,2-Dichlorobenzene	12.335	146	34782	10.794	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.945	75	3581	8.784	ug/L #	71
69) 1,3,5-Trichlorobenzene	13.110	180	21116	9.971	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	18391	9.705	ug/L	97
71) Naphthalene	13.774	128	63963	9.608	ug/L	99
72) 1,2,3-Trichlorobenzene	13.957	180	19581	10.064	ug/L	100

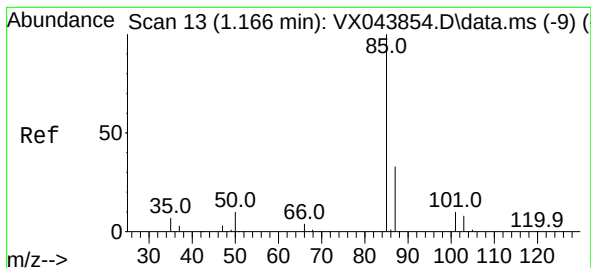
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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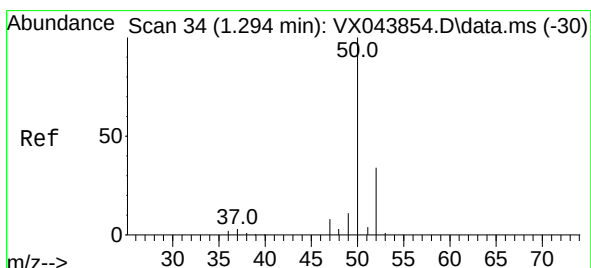
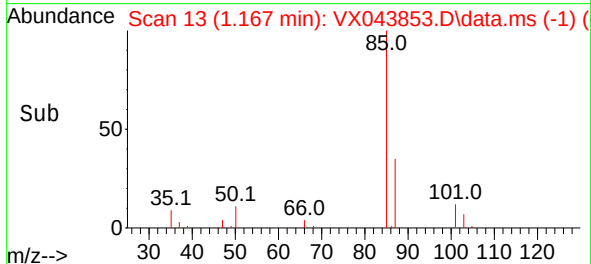
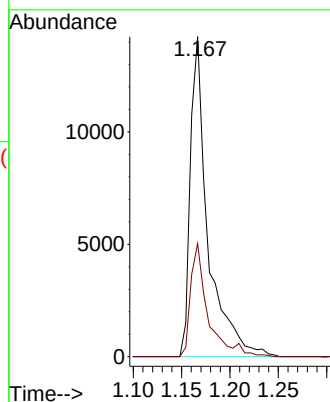
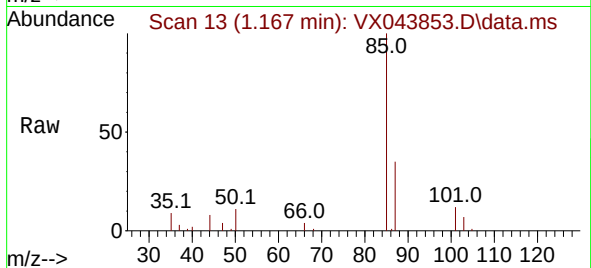




#2
Dichlorodifluoromethane
Concen: 10.421 ug/L
RT: 1.167 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX043853.D
Acq: 14 Nov 2024 15:22

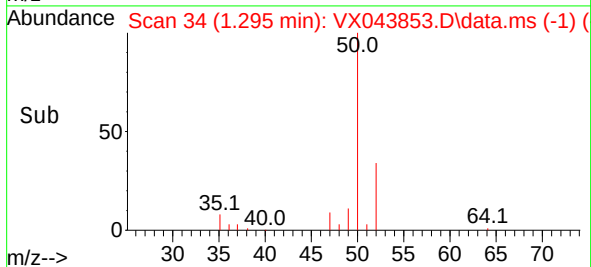
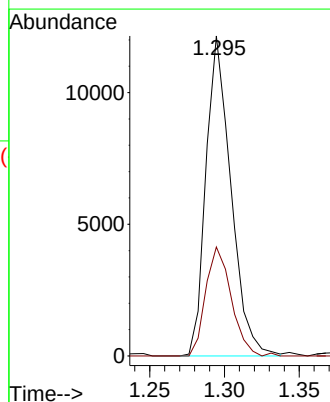
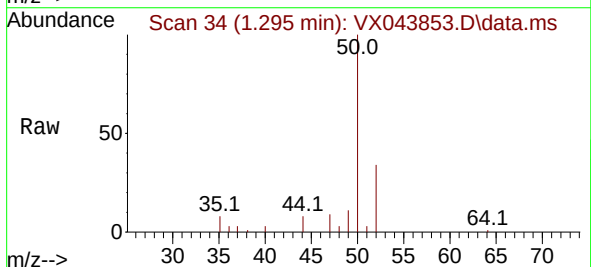
Instrument :
MSVOA_X
ClientSampleId :

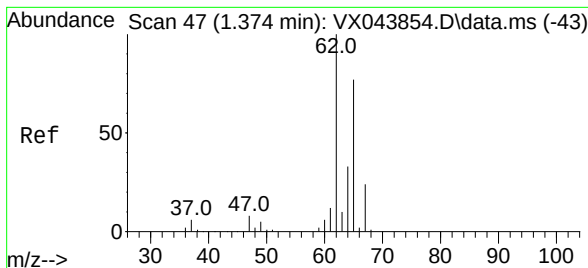
Tgt Ion: 85 Resp: 18032
Ion Ratio Lower Upper
85 100
87 32.4 26.0 39.0



#3
Chloromethane
Concen: 10.115 ug/L
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX043853.D
Acq: 14 Nov 2024 15:22

Tgt Ion: 50 Resp: 14120
Ion Ratio Lower Upper
50 100
52 34.1 23.8 44.2





#5

Vinyl chloride

Concen: 10.740 ug/L

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX043853.D

Acq: 14 Nov 2024 15:22

Instrument :

MSVOA_X

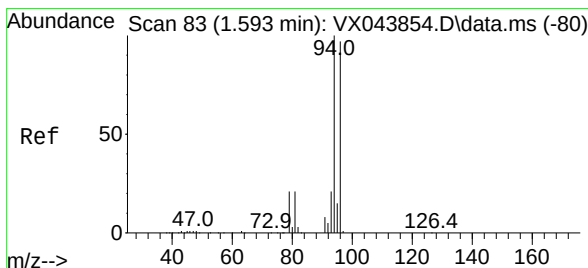
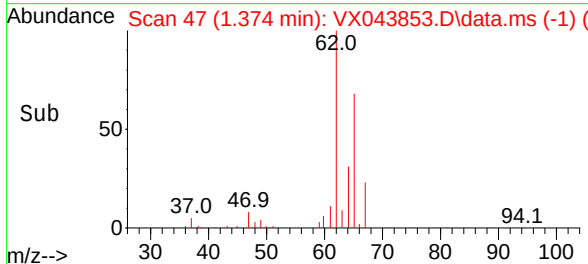
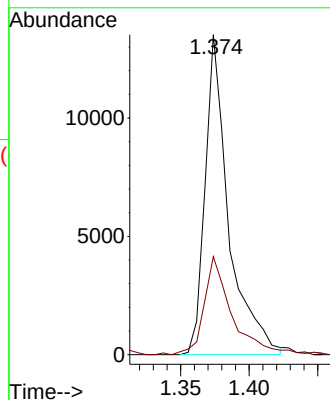
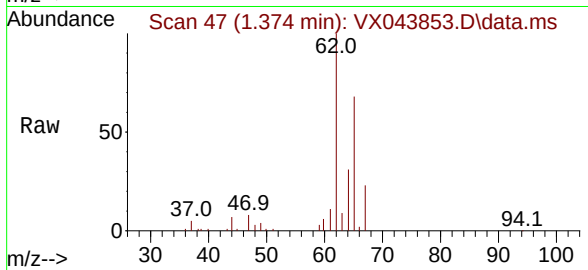
ClientSampleId :

Tgt Ion: 62 Resp: 16195

Ion Ratio Lower Upper

62 100

64 30.7 23.5 43.7



#6

Bromomethane

Concen: 10.289 ug/L

RT: 1.593 min Scan# 83

Delta R.T. 0.000 min

Lab File: VX043853.D

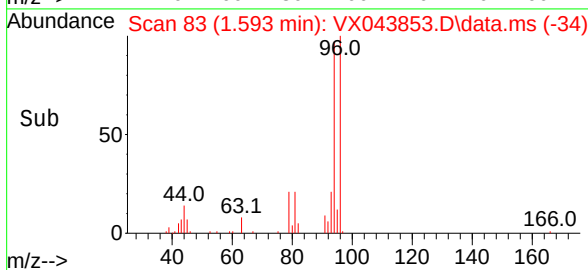
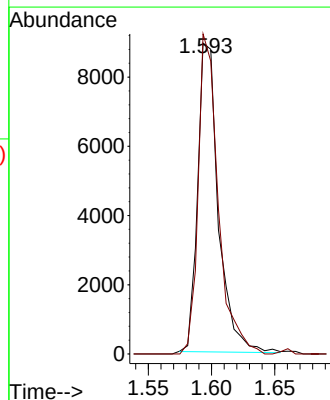
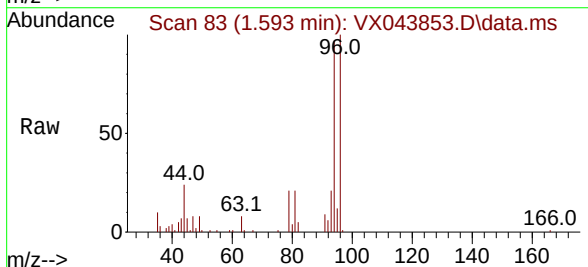
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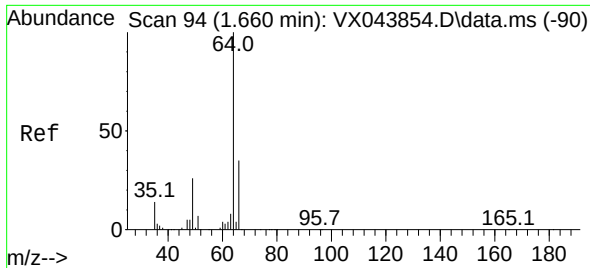
Tgt Ion: 94 Resp: 10184

Ion Ratio Lower Upper

94 100

96 102.9 68.3 126.8

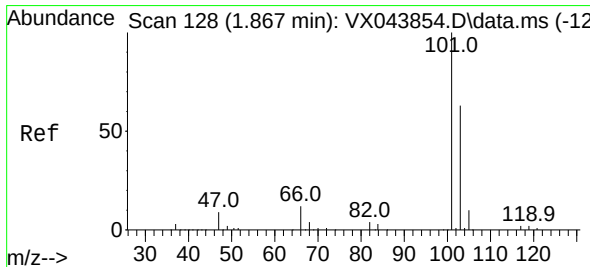
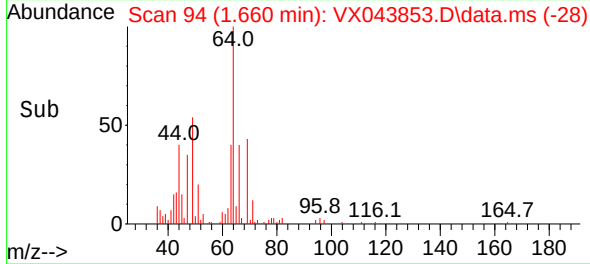
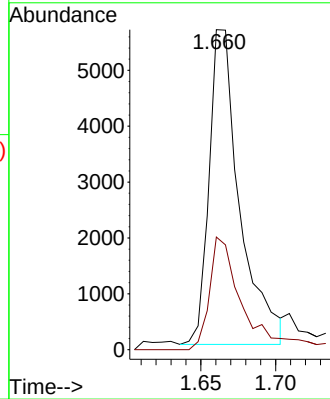
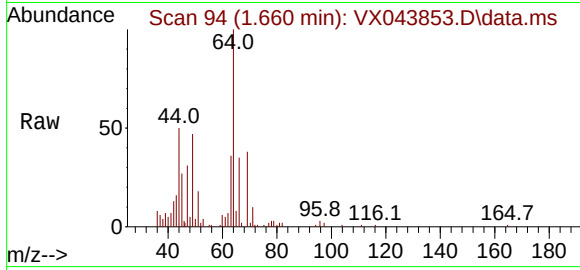




#8
Chloroethane
Concen: 9.879 ug/L
RT: 1.660 min Scan# 94
Delta R.T. 0.000 min
Lab File: VX043853.D
Acq: 14 Nov 2024 15:22

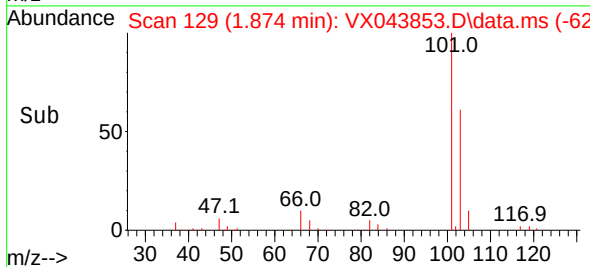
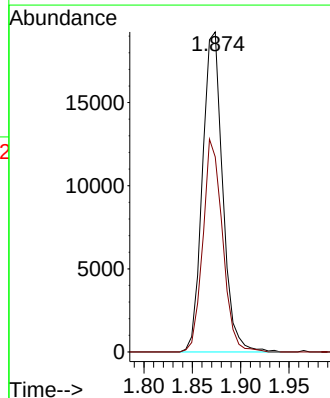
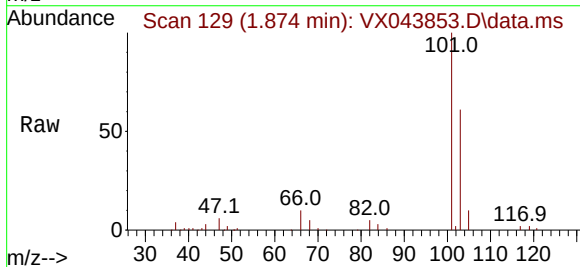
Instrument :
MSVOA_X
ClientSampleId :

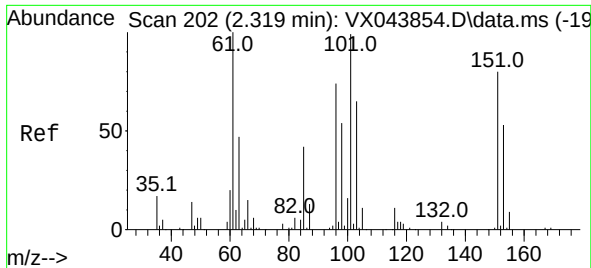
Tgt Ion: 64 Resp: 8044
Ion Ratio Lower Upper
64 100
66 35.2 24.2 45.0



#9
Trichlorofluoromethane
Concen: 10.372 ug/L
RT: 1.874 min Scan# 129
Delta R.T. 0.006 min
Lab File: VX043853.D
Acq: 14 Nov 2024 15:22

Tgt Ion:101 Resp: 28027
Ion Ratio Lower Upper
101 100
103 64.6 51.3 76.9





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 10.466 ug/L

RT: 2.319 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX043853.D

Acq: 14 Nov 2024 15:22

Instrument :

MSVOA_X

ClientSampleId :

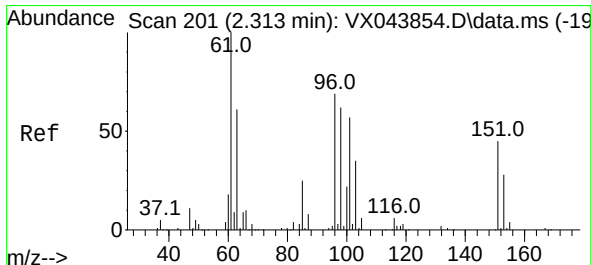
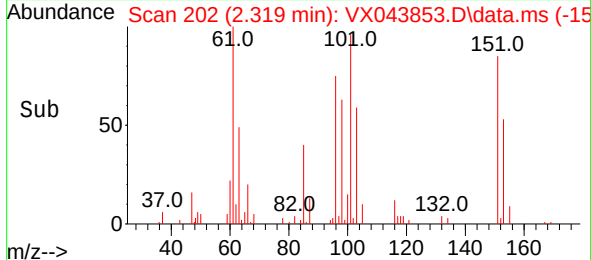
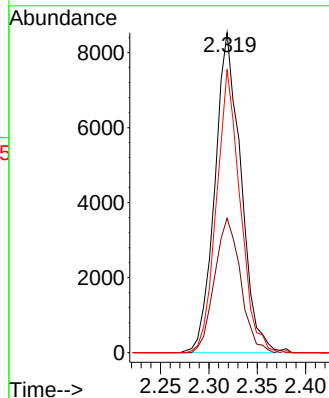
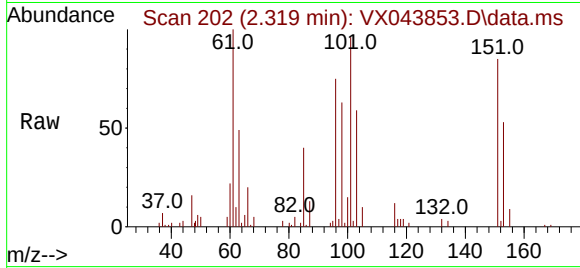
Tgt Ion:101 Resp: 15952

Ion Ratio Lower Upper

101 100

85 42.0 33.8 50.6

151 80.7 64.9 97.3



#12

1,1-Dichloroethene

Concen: 10.585 ug/L

RT: 2.307 min Scan# 200

Delta R.T. -0.006 min

Lab File: VX043853.D

Acq: 14 Nov 2024 15:22

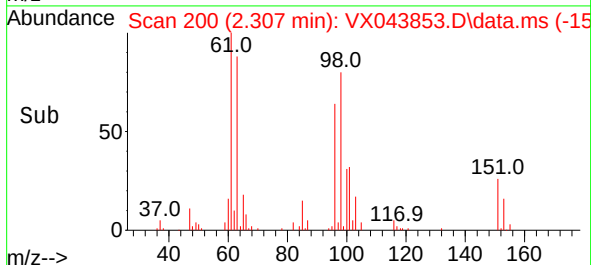
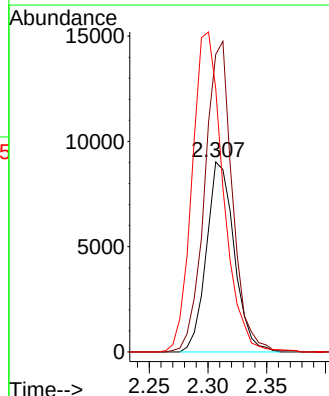
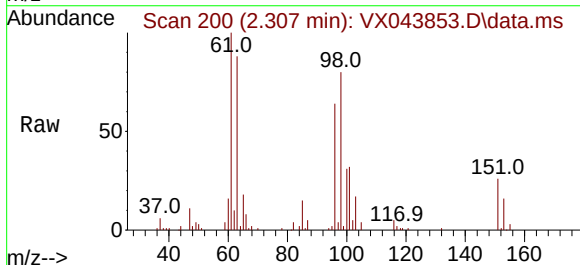
Tgt Ion: 96 Resp: 14828

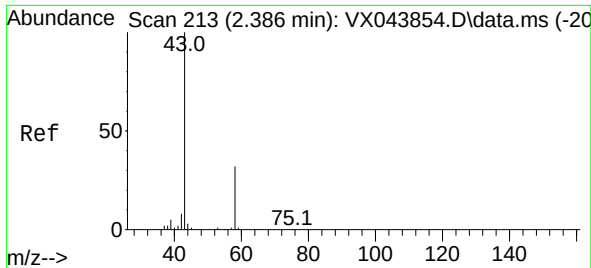
Ion Ratio Lower Upper

96 100

61 156.5 102.2 189.8

63 138.5 62.6 116.2#

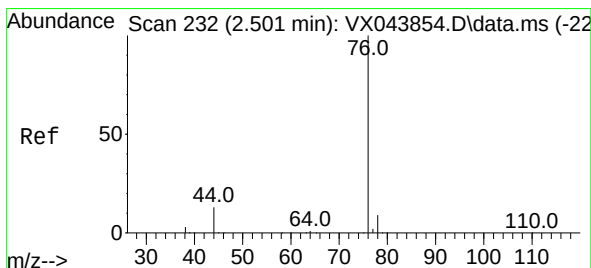
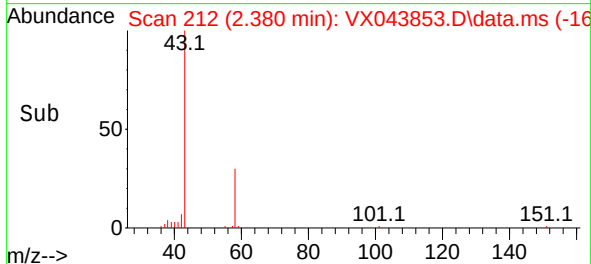
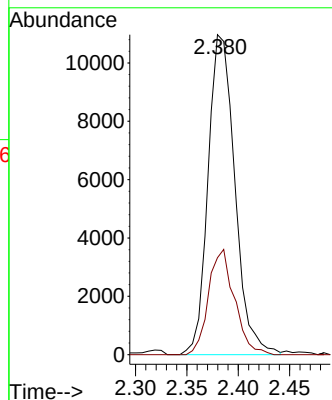
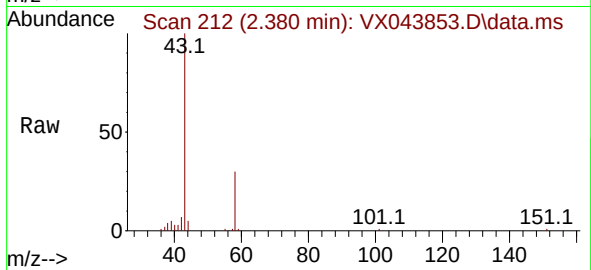




#13
Acetone
Concen: 21.653 ug/L
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX043853.D
Acq: 14 Nov 2024 15:22

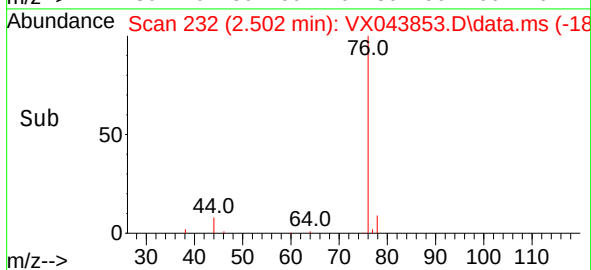
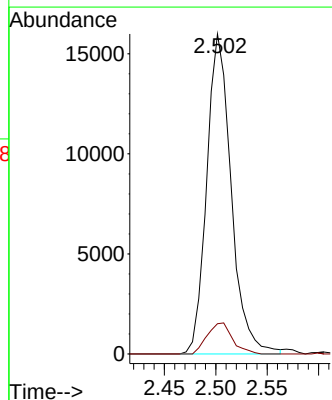
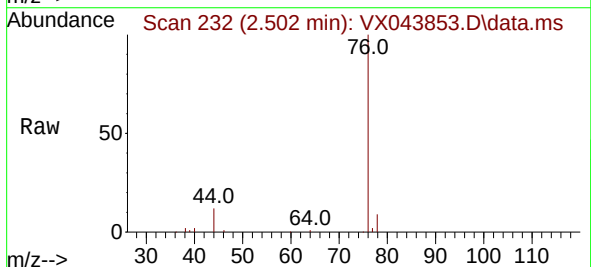
Instrument :
MSVOA_X
ClientSampleId :

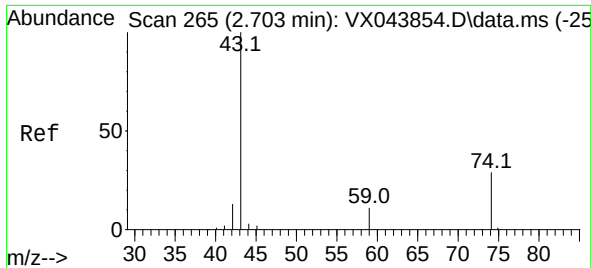
Tgt Ion: 43 Resp: 19941
Ion Ratio Lower Upper
43 100
58 31.8 0.0 66.2



#14
Carbon disulfide
Concen: 8.965 ug/L
RT: 2.502 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX043853.D
Acq: 14 Nov 2024 15:22

Tgt Ion: 76 Resp: 26489
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.6

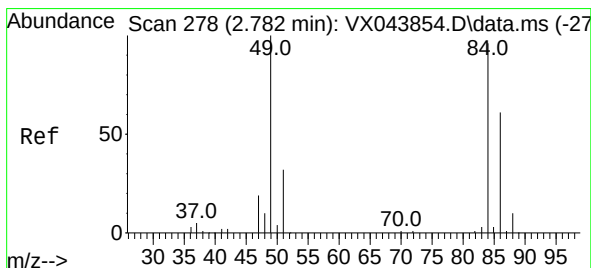
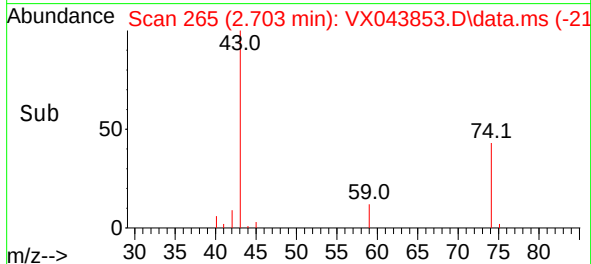
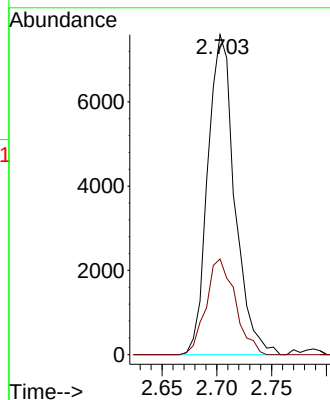
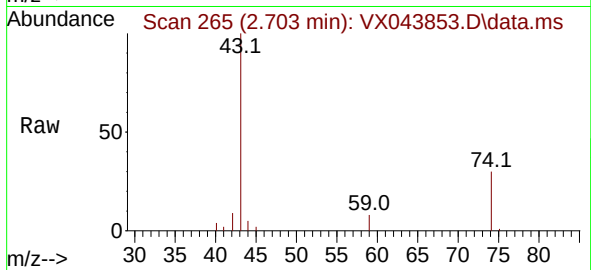




#15
Methyl Acetate
Concen: 10.259 ug/L
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX043853.D
Acq: 14 Nov 2024 15:22

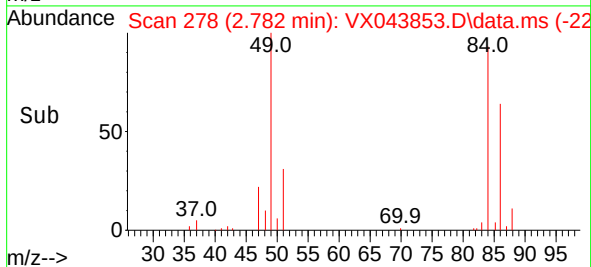
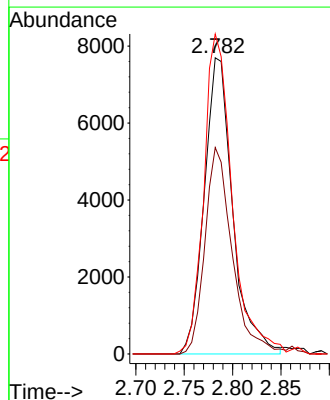
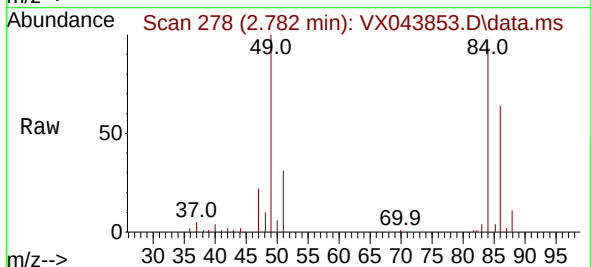
Instrument :
MSVOA_X
ClientSampleId :

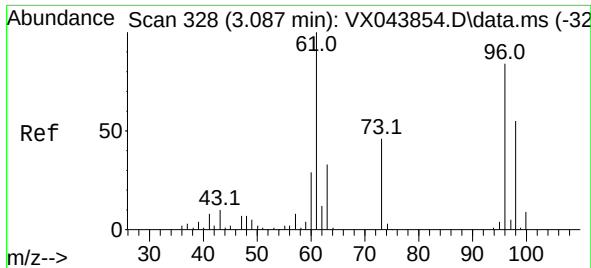
Tgt Ion: 43 Resp: 13016
Ion Ratio Lower Upper
43 100
74 32.3 23.4 35.2



#16
Methylene chloride
Concen: 10.309 ug/L
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX043853.D
Acq: 14 Nov 2024 15:22

Tgt Ion: 84 Resp: 15774
Ion Ratio Lower Upper
84 100
86 69.7 44.4 82.5
49 108.1 73.4 136.2





#17

trans-1,2-Dichloroethene

Concen: 10.037 ug/L

RT: 3.087 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX043853.D

Acq: 14 Nov 2024 15:22

Instrument :

MSVOA_X

ClientSampleId :

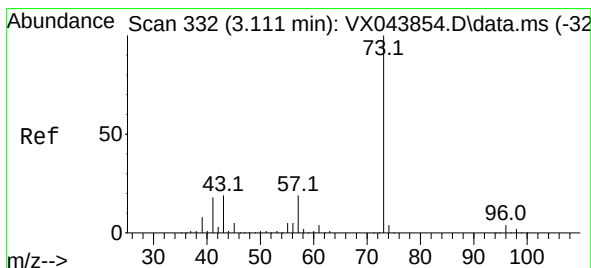
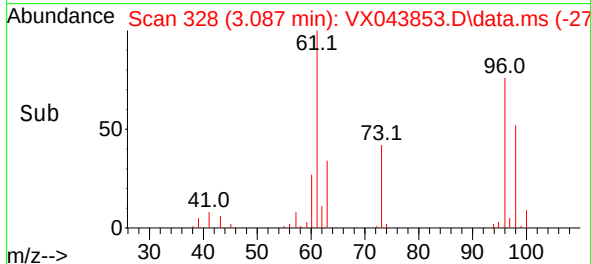
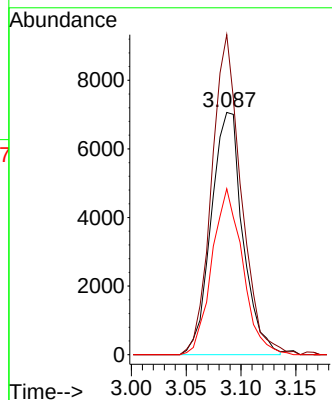
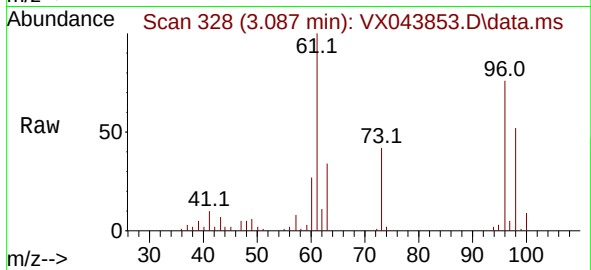
Tgt Ion: 96 Resp: 14172

Ion Ratio Lower Upper

96 100

61 132.1 83.2 154.6

98 68.5 45.4 84.4



#18

Methyl tert-butyl Ether

Concen: 10.232 ug/L

RT: 3.117 min Scan# 333

Delta R.T. 0.006 min

Lab File: VX043853.D

Acq: 14 Nov 2024 15:22

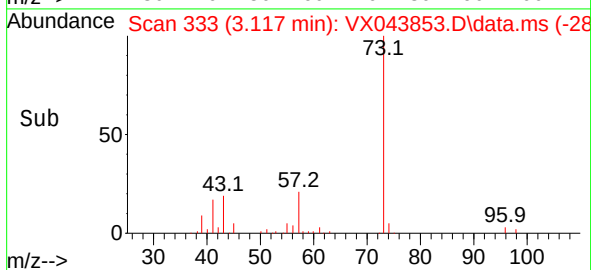
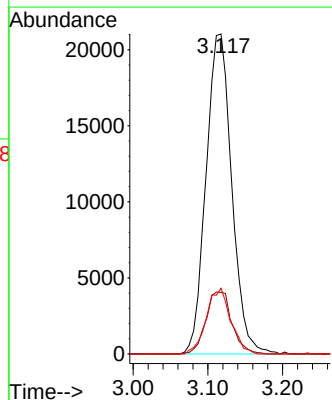
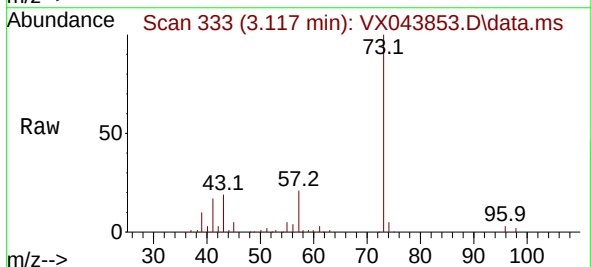
Tgt Ion: 73 Resp: 50365

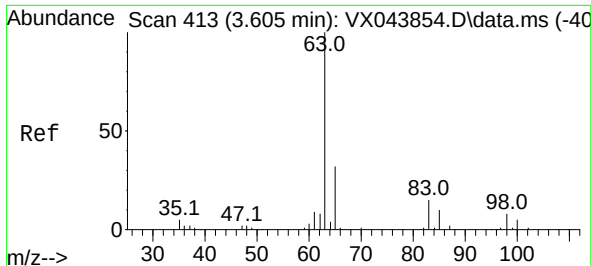
Ion Ratio Lower Upper

73 100

43 19.6 15.5 23.3

57 19.4 15.1 22.7





#19

1,1-Dichloroethane

Concen: 10.325 ug/L

RT: 3.605 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX043853.D

Acq: 14 Nov 2024 15:22

Instrument :

MSVOA_X

ClientSampleId :

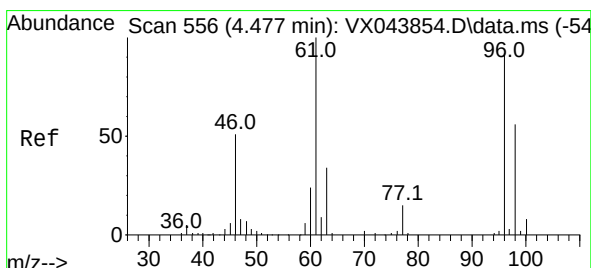
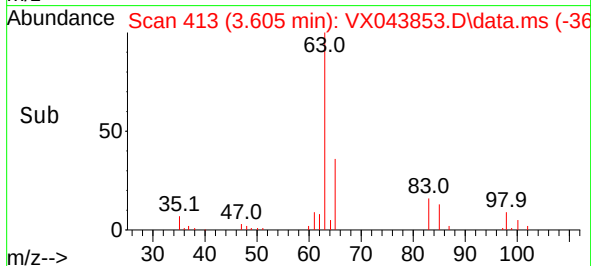
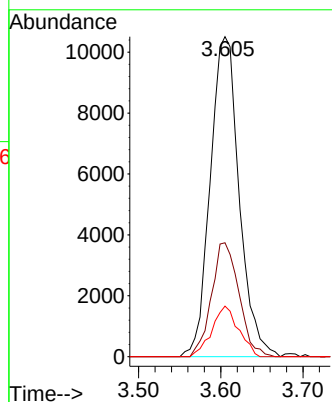
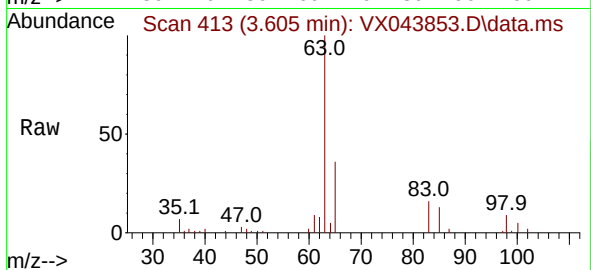
Tgt Ion: 63 Resp: 25707

Ion Ratio Lower Upper

63 100

65 35.6 22.4 41.6

83 15.8 10.4 19.2



#20

cis-1,2-Dichloroethene

Concen: 10.222 ug/L

RT: 4.483 min Scan# 557

Delta R.T. 0.006 min

Lab File: VX043853.D

Acq: 14 Nov 2024 15:22

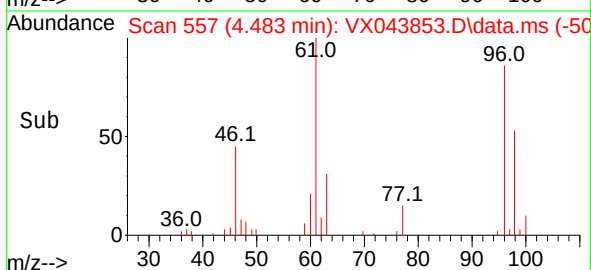
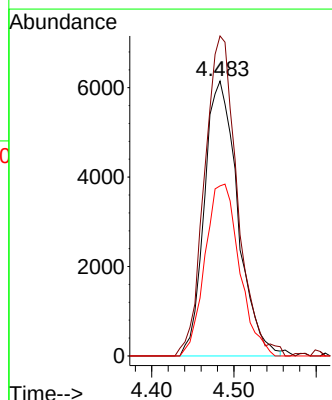
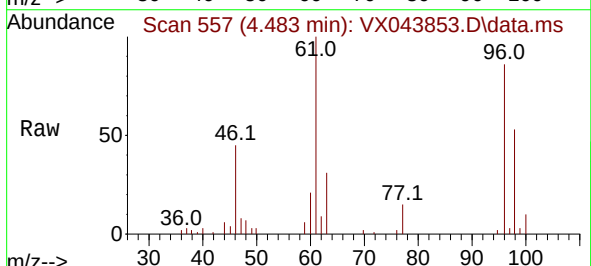
Tgt Ion: 96 Resp: 17321

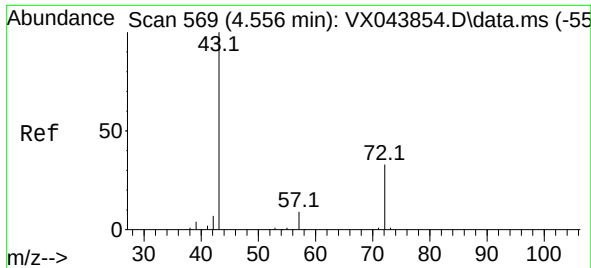
Ion Ratio Lower Upper

96 100

61 116.4 76.4 141.8

98 61.9 42.6 79.0

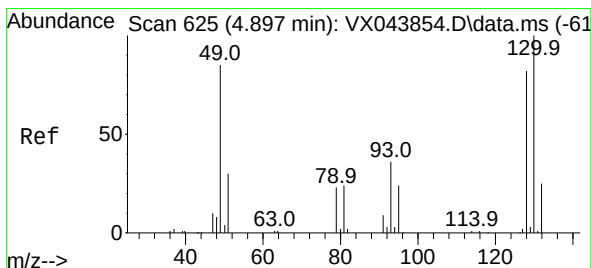
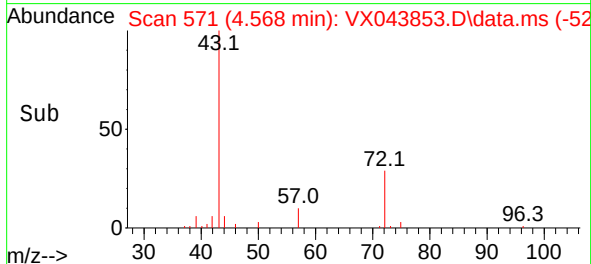
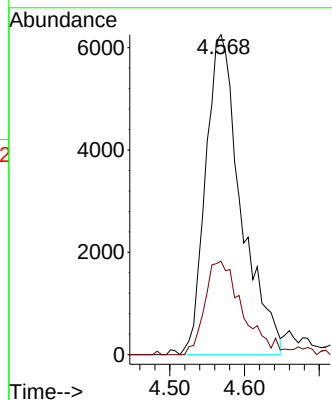
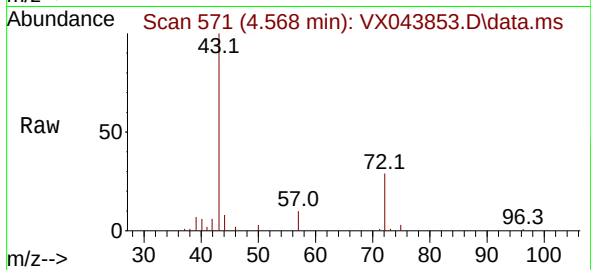




#22
2-Butanone
Concen: 20.189 ug/L
RT: 4.568 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX043853.D
Acq: 14 Nov 2024 15:22

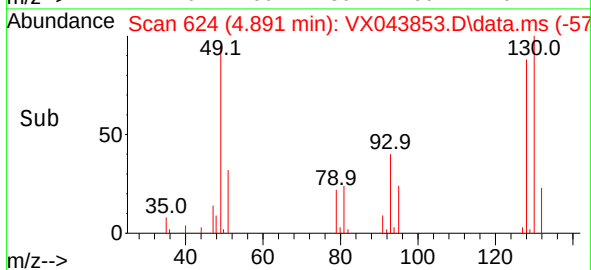
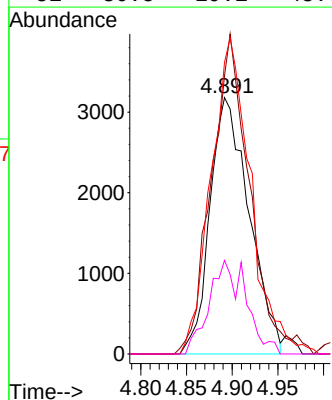
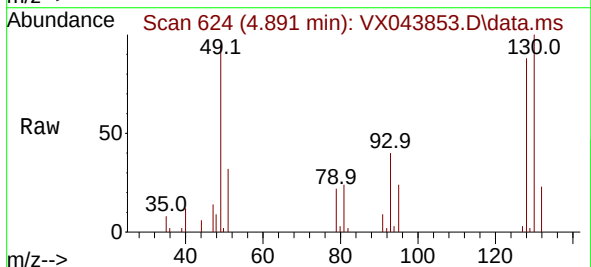
Instrument :
MSVOA_X
ClientSampleId :

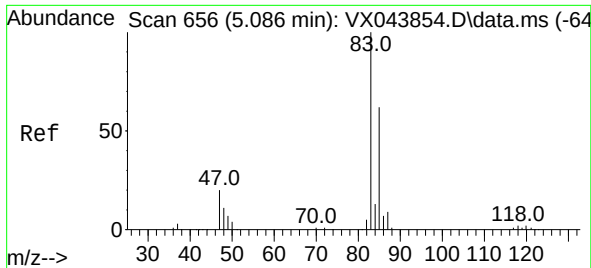
Tgt Ion: 43 Resp: 20521
Ion Ratio Lower Upper
43 100
72 27.7 16.0 47.9



#23
Bromochloromethane
Concen: 10.425 ug/L
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX043853.D
Acq: 14 Nov 2024 15:22

Tgt Ion:128 Resp: 9493
Ion Ratio Lower Upper
128 100
49 108.5 73.6 136.8
130 113.8 85.7 159.1
51 36.5 29.1 43.7





#25

Chloroform

Concen: 9.983 ug/L

RT: 5.087 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX043853.D

Acq: 14 Nov 2024 15:22

Instrument :

MSVOA_X

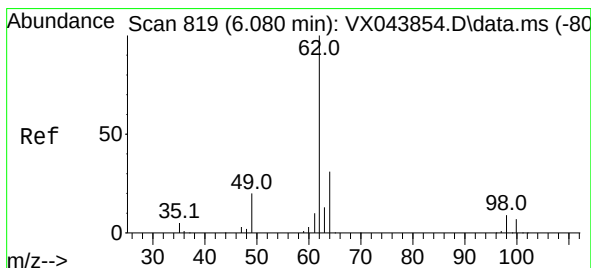
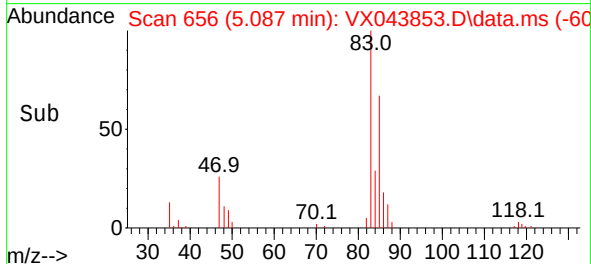
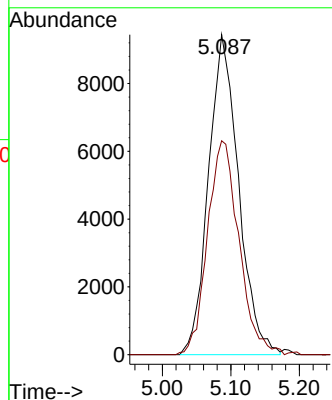
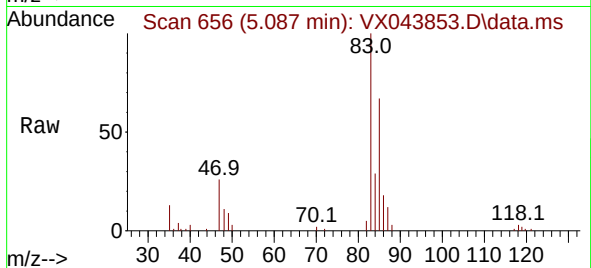
ClientSampleId :

Tgt Ion: 83 Resp: 28798

Ion Ratio Lower Upper

83 100

85 66.8 43.8 81.3



#27

1,2-Dichloroethane

Concen: 10.520 ug/L

RT: 6.086 min Scan# 820

Delta R.T. 0.006 min

Lab File: VX043853.D

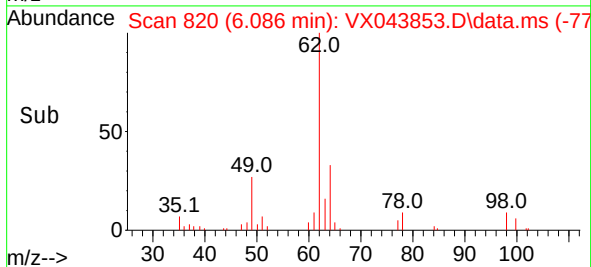
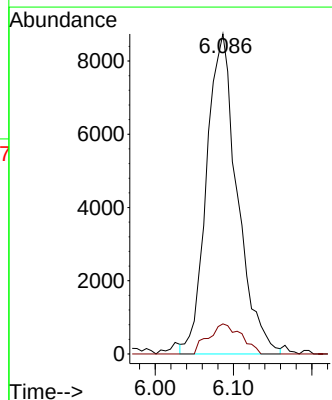
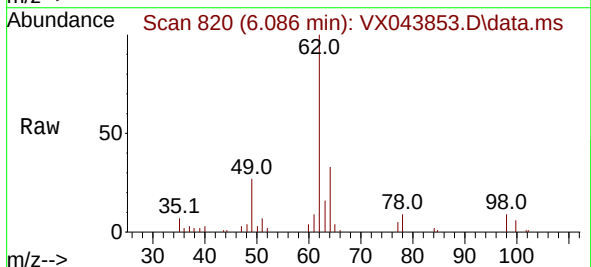
Acq: 14 Nov 2024 15:22

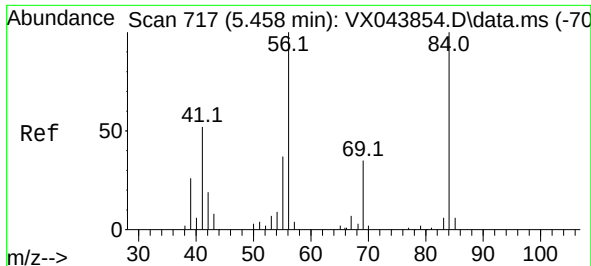
Tgt Ion: 62 Resp: 23793

Ion Ratio Lower Upper

62 100

98 9.4 7.5 11.3





#29

Cyclohexane

Concen: 10.541 ug/L

RT: 5.452 min Scan# 716

Delta R.T. -0.006 min

Lab File: VX043853.D

Acq: 14 Nov 2024 15:22

Instrument :

MSVOA_X

ClientSampleId :

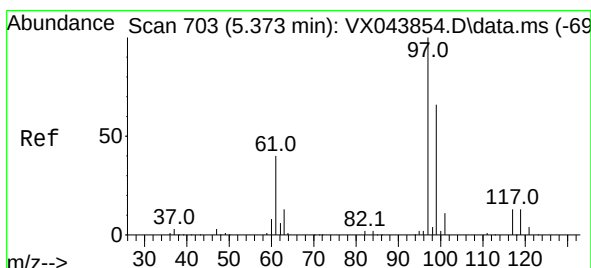
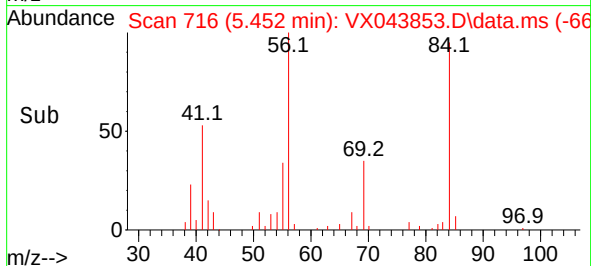
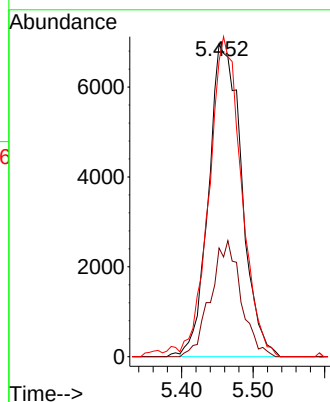
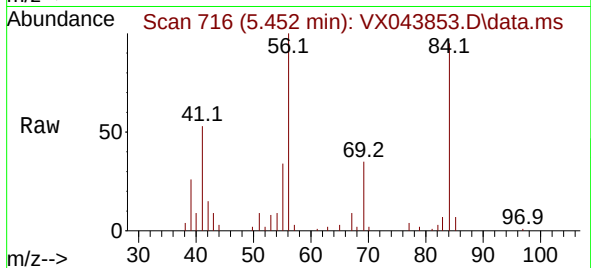
Tgt Ion: 56 Resp: 22315

Ion Ratio Lower Upper

56 100

69 33.5 28.2 42.2

84 99.7 83.4 125.0



#30

1,1,1-Trichloroethane

Concen: 10.190 ug/L

RT: 5.373 min Scan# 703

Delta R.T. 0.000 min

Lab File: VX043853.D

Acq: 14 Nov 2024 15:22

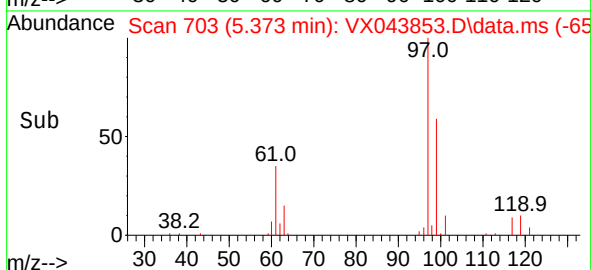
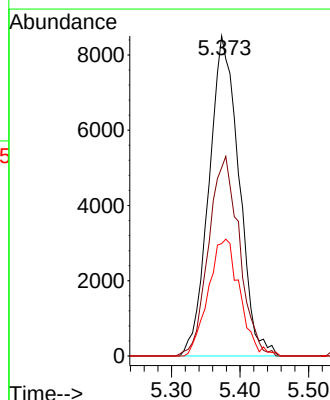
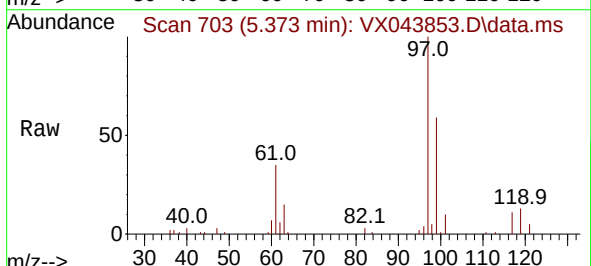
Tgt Ion: 97 Resp: 25870

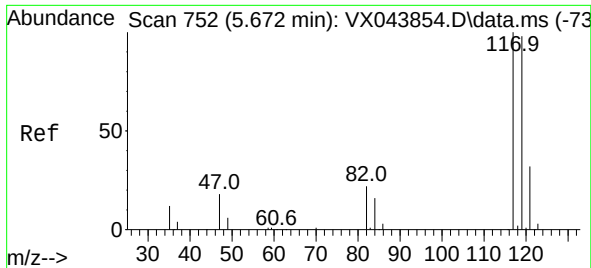
Ion Ratio Lower Upper

97 100

99 63.5 50.8 76.2

61 37.6 30.6 45.8

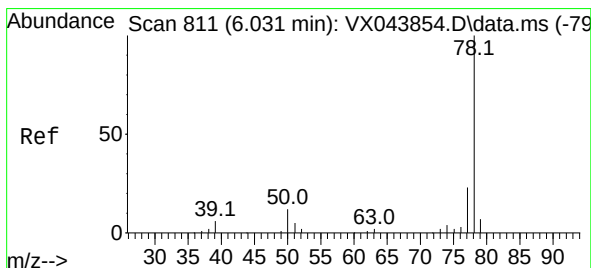
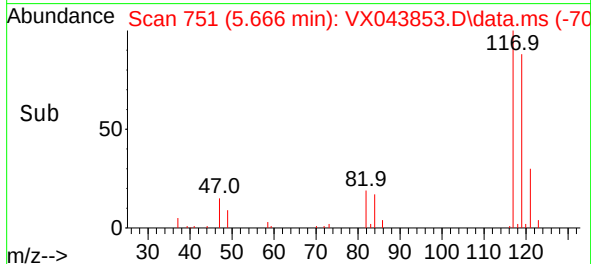
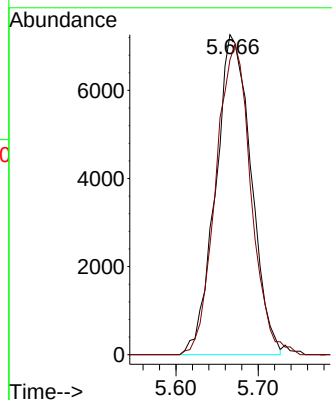
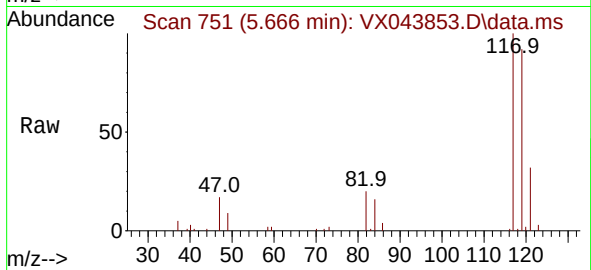




#31
Carbon tetrachloride
Concen: 9.944 ug/L
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX043853.D
Acq: 14 Nov 2024 15:22

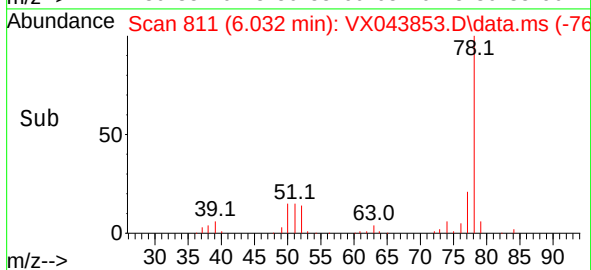
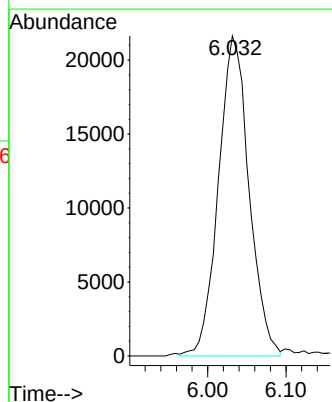
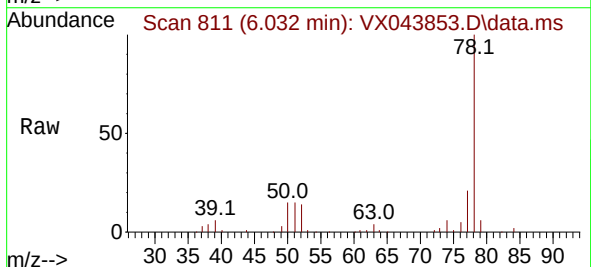
Instrument :
MSVOA_X
ClientSampleId :

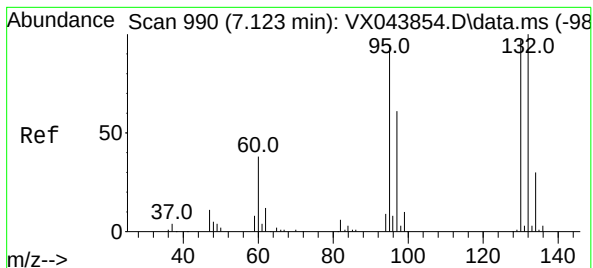
Tgt Ion:117 Resp: 21784
Ion Ratio Lower Upper
117 100
119 96.0 78.0 117.0



#33
Benzene
Concen: 10.555 ug/L
RT: 6.032 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX043853.D
Acq: 14 Nov 2024 15:22

Tgt Ion: 78 Resp: 58663





#34

Trichloroethene

Concen: 10.421 ug/L

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

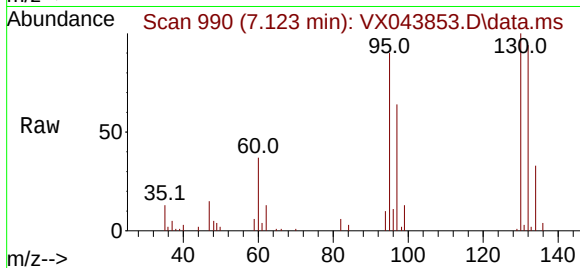
Lab File: VX043853.D

Acq: 14 Nov 2024 15:22

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 95 Resp: 19226

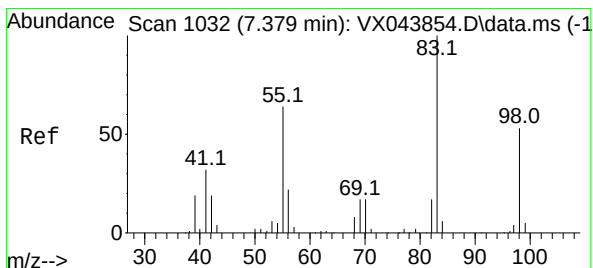
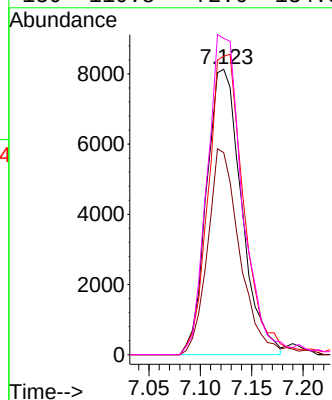
Ion Ratio Lower Upper

95 100

97 70.8 45.6 84.6

132 104.6 74.4 138.2

130 110.8 72.6 134.8



#35

Methylcyclohexane

Concen: 10.450 ug/L

RT: 7.373 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VX043853.D

Acq: 14 Nov 2024 15:22

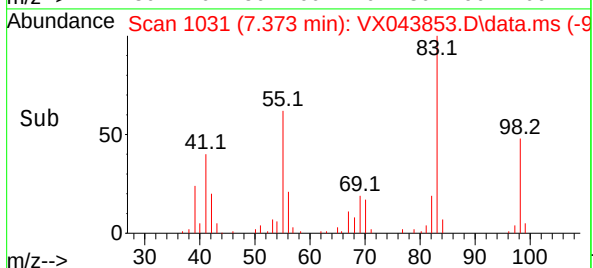
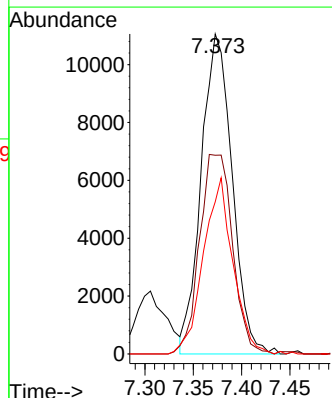
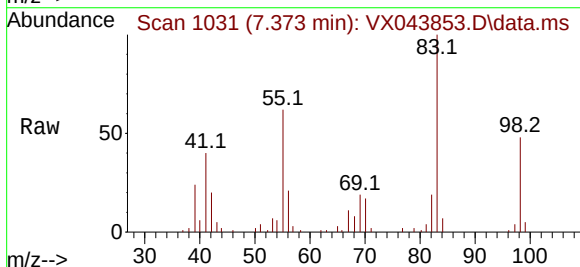
Tgt Ion: 83 Resp: 24639

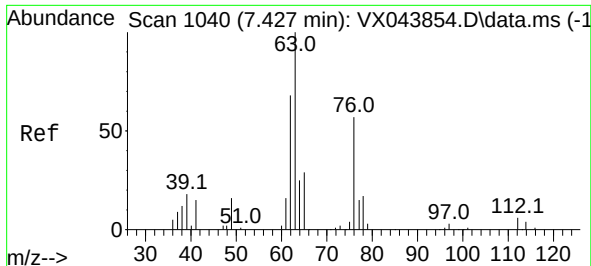
Ion Ratio Lower Upper

83 100

55 66.3 53.5 80.3

98 52.4 43.0 64.6

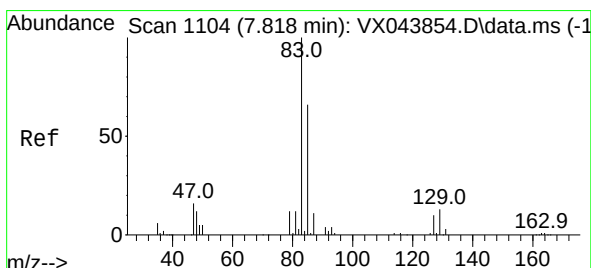
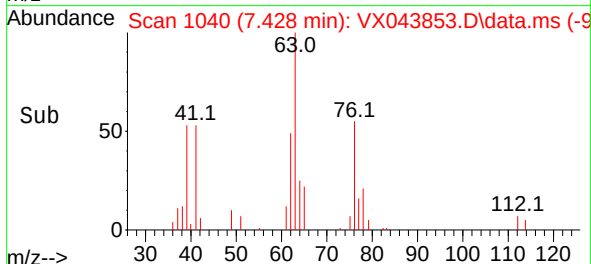
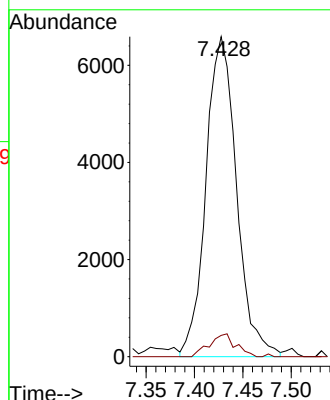
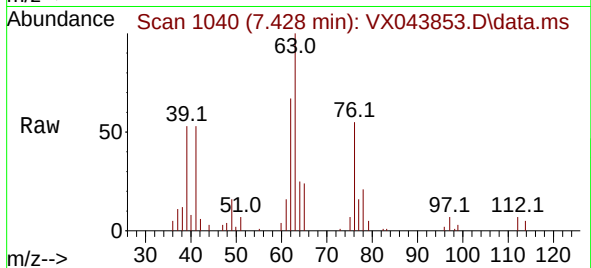




#37
1,2-Dichloropropane
Concen: 10.703 ug/L
RT: 7.428 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX043853.D
Acq: 14 Nov 2024 15:22

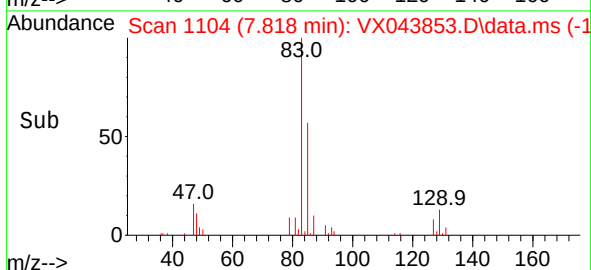
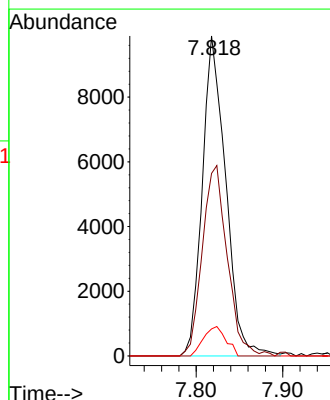
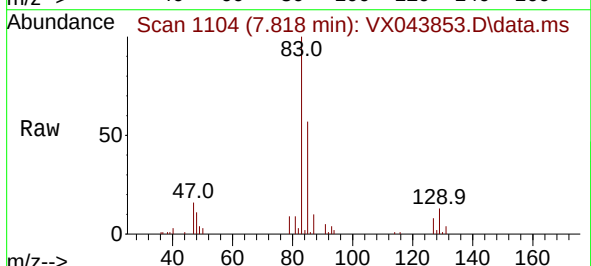
Instrument :
MSVOA_X
ClientSampleId :

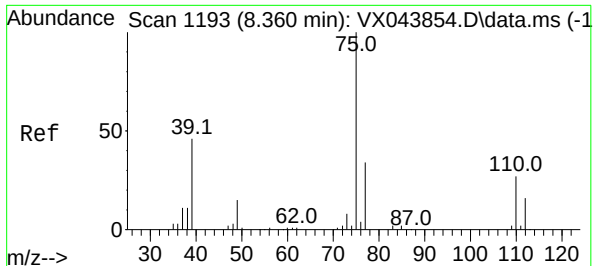
Tgt Ion: 63 Resp: 14513
Ion Ratio Lower Upper
63 100
112 6.1 4.6 7.0



#38
Bromodichloromethane
Concen: 9.869 ug/L
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX043853.D
Acq: 14 Nov 2024 15:22

Tgt Ion: 83 Resp: 18563
Ion Ratio Lower Upper
83 100
85 57.1 46.5 86.3
127 8.5 8.1 12.1

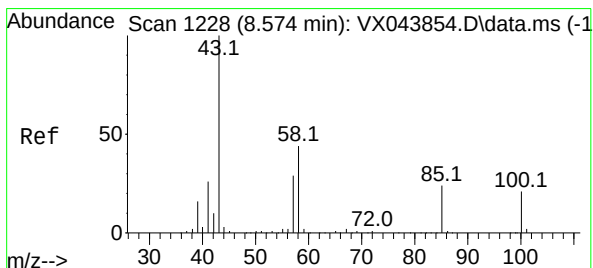
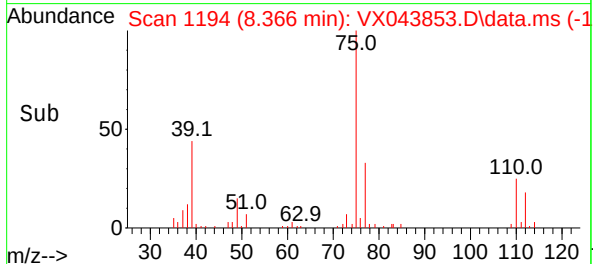
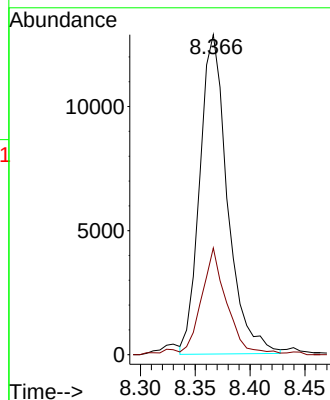
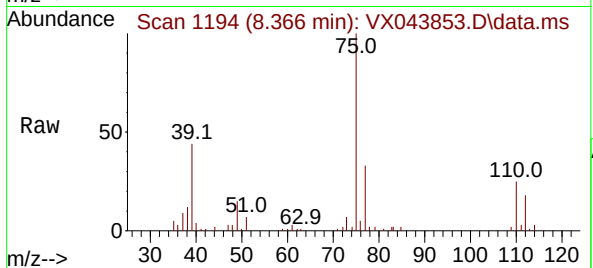




#39
 cis-1,3-Dichloropropene
 Concen: 9.882 ug/L
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.006 min
 Lab File: VX043853.D
 Acq: 14 Nov 2024 15:22

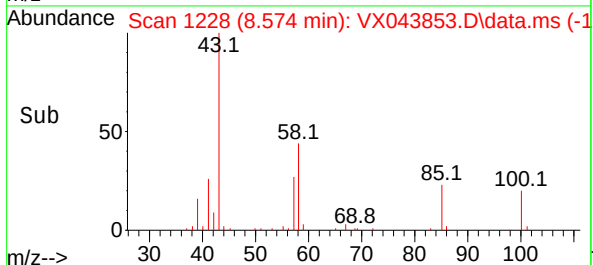
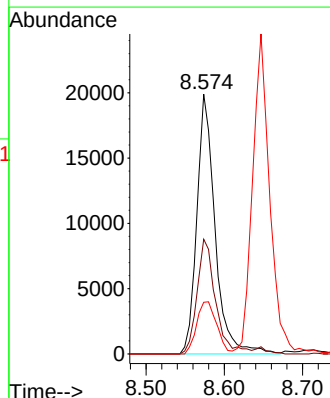
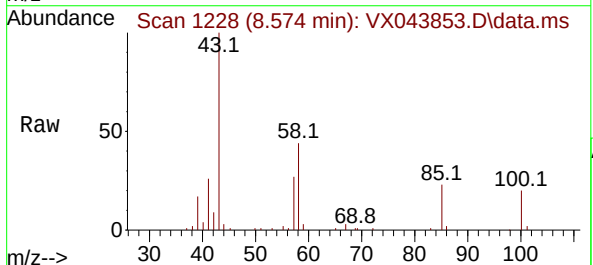
Instrument :
 MSVOA_X
 ClientSampleId :

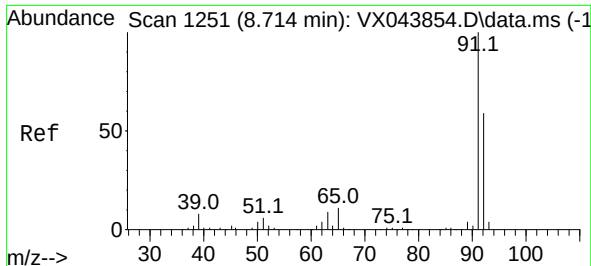
Tgt Ion: 75 Resp: 22684
 Ion Ratio Lower Upper
 75 100
 77 33.3 23.7 44.1



#40
 4-Methyl-2-pentanone
 Concen: 19.924 ug/L
 RT: 8.574 min Scan# 1228
 Delta R.T. 0.000 min
 Lab File: VX043853.D
 Acq: 14 Nov 2024 15:22

Tgt Ion: 43 Resp: 32227
 Ion Ratio Lower Upper
 43 100
 58 42.9 34.0 51.0
 100 22.1 17.2 25.8





#42

Toluene

Concen: 10.326 ug/L

RT: 8.714 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VX043853.D

Acq: 14 Nov 2024 15:22

Instrument :

MSVOA_X

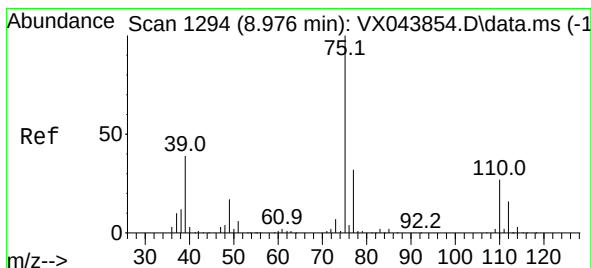
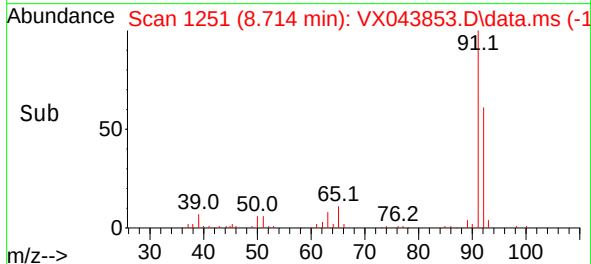
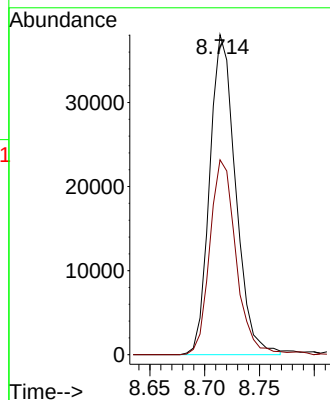
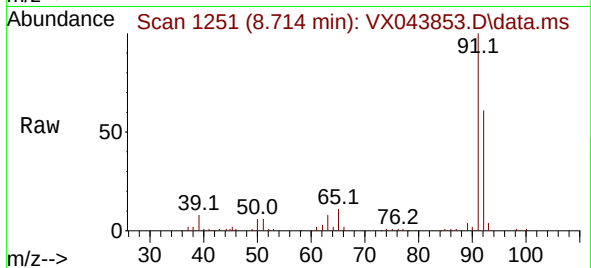
ClientSampleId :

Tgt Ion: 91 Resp: 62625

Ion Ratio Lower Upper

91 100

92 60.9 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 9.510 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX043853.D

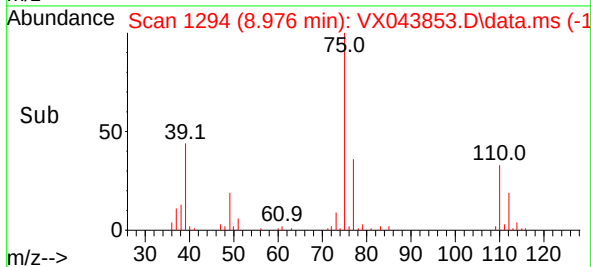
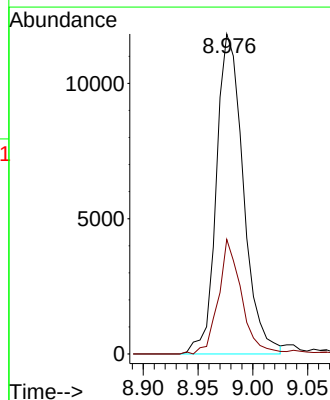
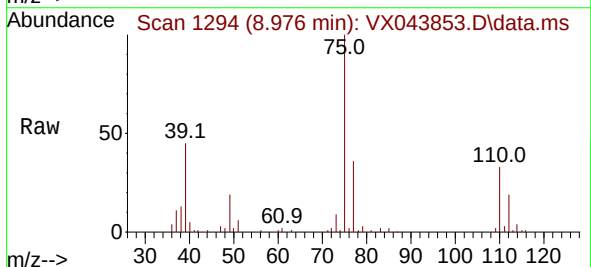
Acq: 14 Nov 2024 15:22

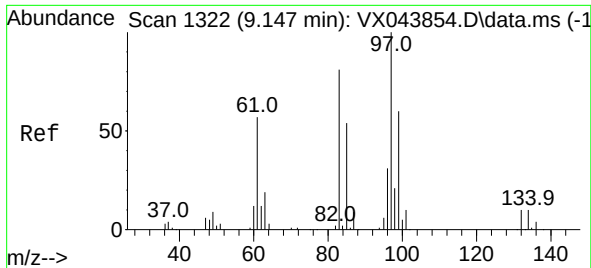
Tgt Ion: 75 Resp: 20248

Ion Ratio Lower Upper

75 100

77 35.8 22.5 41.7





#45

1,1,2-Trichloroethane

Concen: 10.634 ug/L

RT: 9.153 min Scan# 1323

Delta R.T. 0.006 min

Lab File: VX043853.D

Acq: 14 Nov 2024 15:22

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 16616

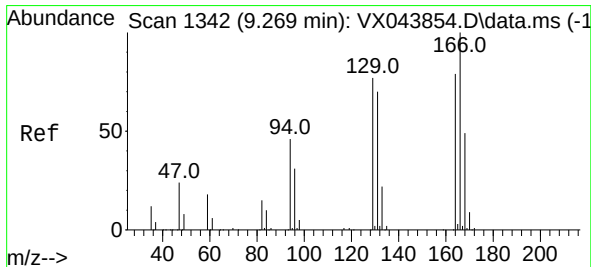
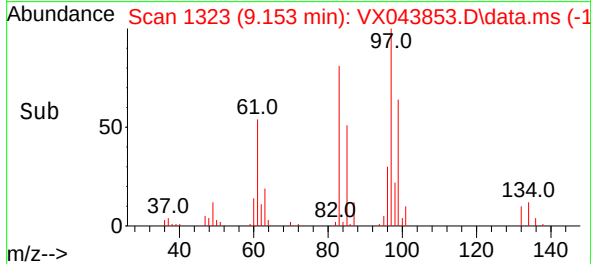
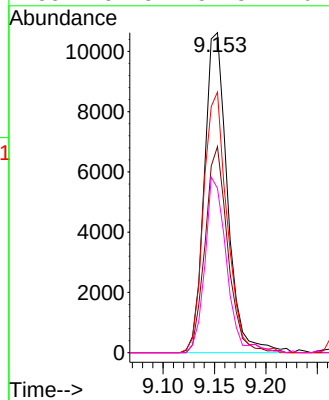
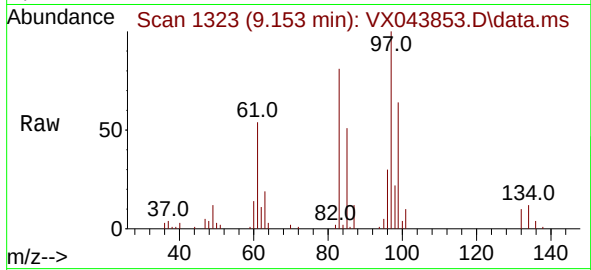
Ion Ratio Lower Upper

97 100

99 64.4 42.1 78.1

83 81.5 56.9 105.7

85 51.3 37.8 70.2



#46

Tetrachloroethene

Concen: 10.473 ug/L

RT: 9.269 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VX043853.D

Acq: 14 Nov 2024 15:22

Tgt Ion:164 Resp: 13898

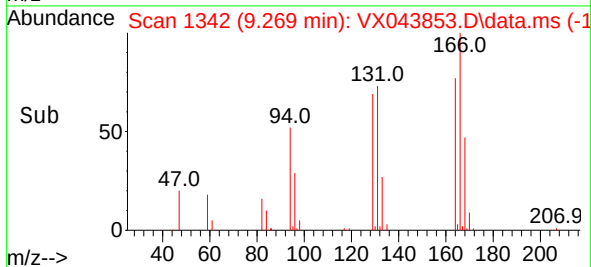
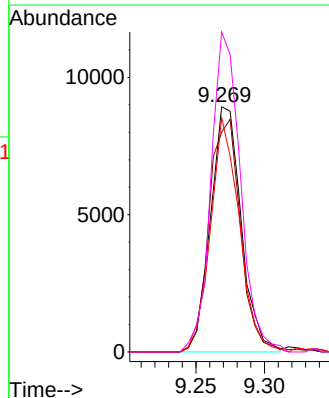
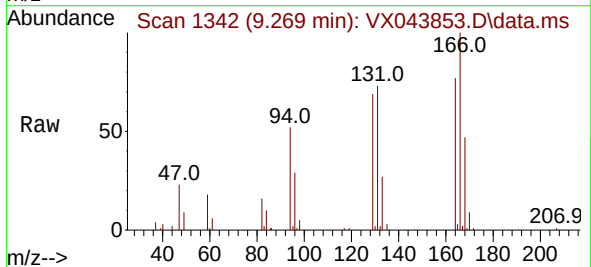
Ion Ratio Lower Upper

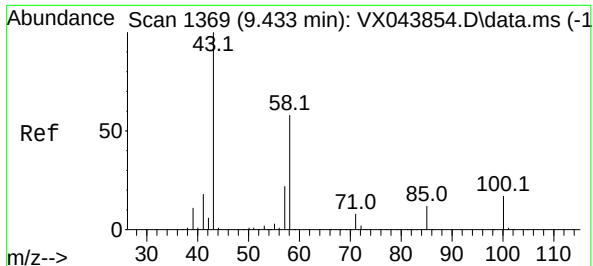
164 100

129 89.6 68.9 127.9

131 95.5 62.6 116.2

166 130.5 89.2 165.6





#48

2-Hexanone

Concen: 20.929 ug/L

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX043853.D

Acq: 14 Nov 2024 15:22

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 43 Resp: 27529

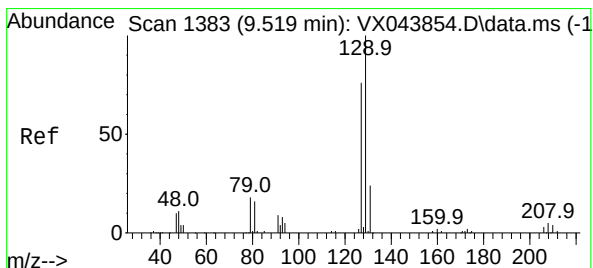
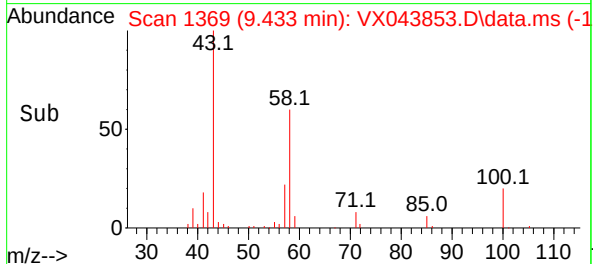
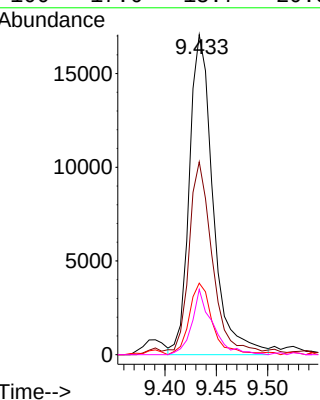
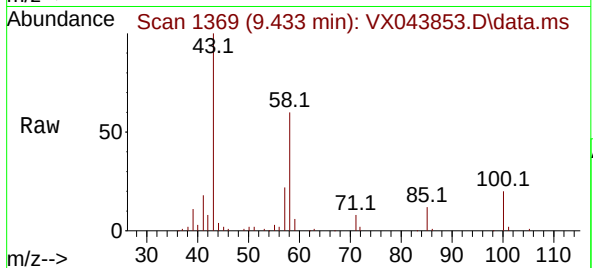
Ion Ratio Lower Upper

43 100

58 58.8 47.8 71.6

57 21.6 16.6 24.8

100 17.6 13.7 20.5



#49

Dibromochloromethane

Concen: 9.536 ug/L

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX043853.D

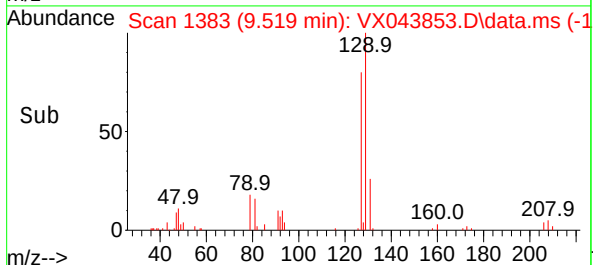
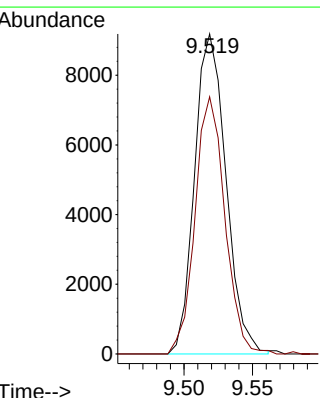
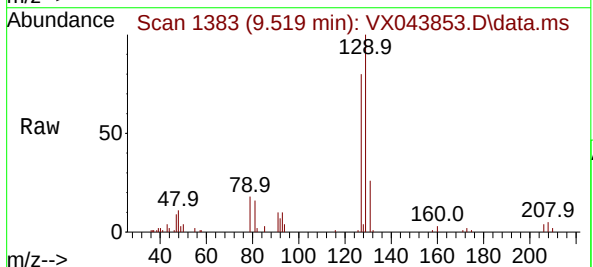
Acq: 14 Nov 2024 15:22

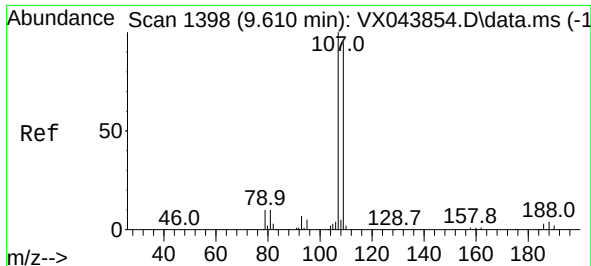
Tgt Ion: 129 Resp: 14655

Ion Ratio Lower Upper

129 100

127 80.3 53.3 99.1





#50

1,2-Dibromoethane

Concen: 10.359 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX043853.D

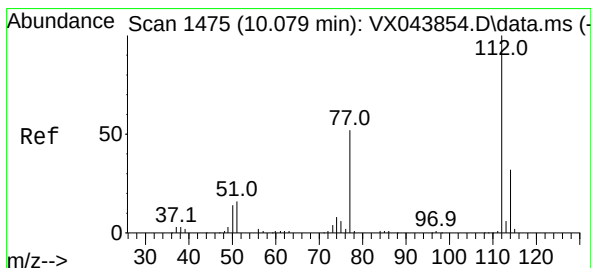
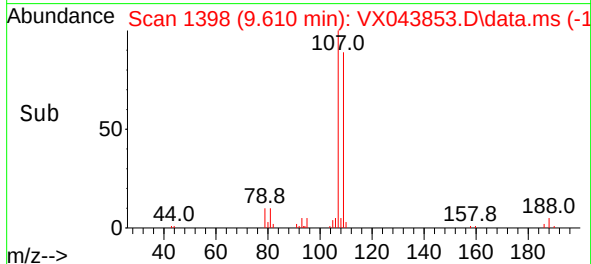
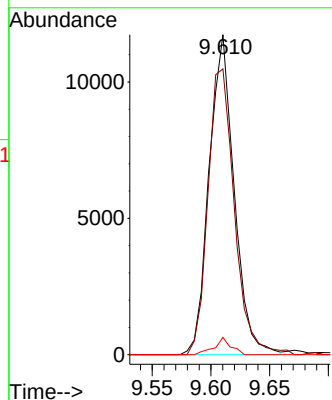
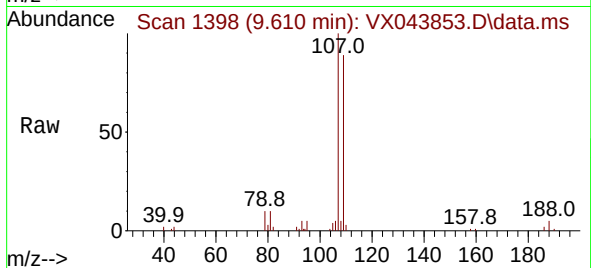
Acq: 14 Nov 2024 15:22

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	107	Resp:	17402
Ion	Ratio	Lower	Upper
107	100		
109	89.3	66.6	123.8
188	5.4	3.4	5.0#



#51

Chlorobenzene

Concen: 10.405 ug/L

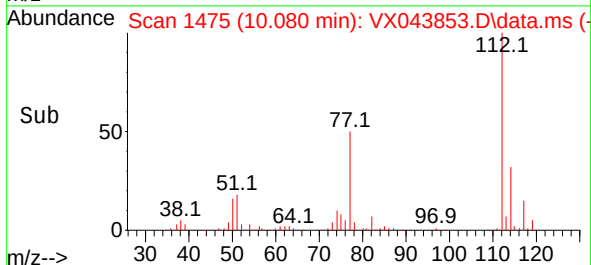
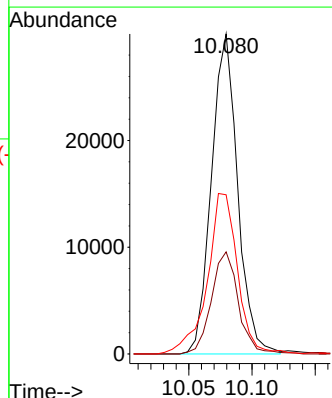
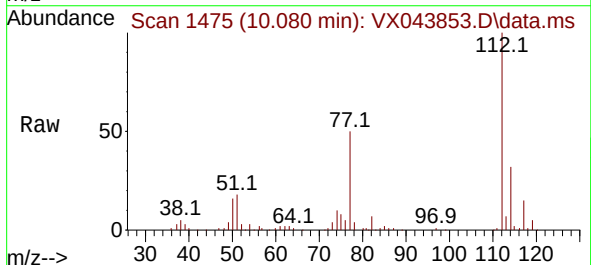
RT: 10.080 min Scan# 1475

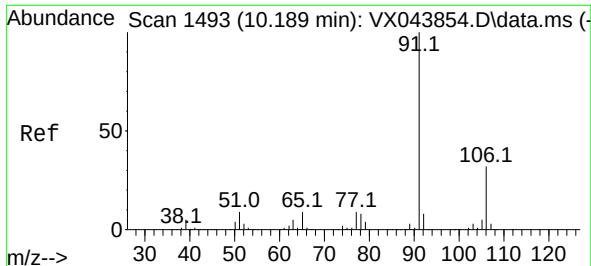
Delta R.T. 0.000 min

Lab File: VX043853.D

Acq: 14 Nov 2024 15:22

Tgt Ion:	112	Resp:	43114
Ion	Ratio	Lower	Upper
112	100		
114	31.9	22.2	41.2
77	49.8	42.4	63.6





#52

Ethylbenzene

Concen: 10.287 ug/L

RT: 10.195 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VX043853.D

Acq: 14 Nov 2024 15:22

Instrument :

MSVOA_X

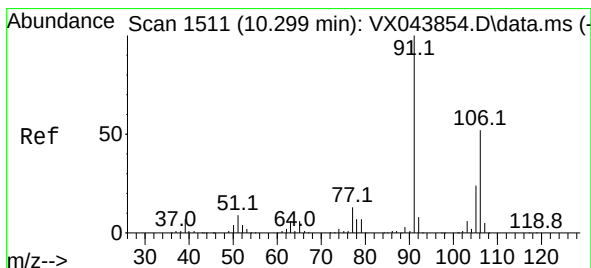
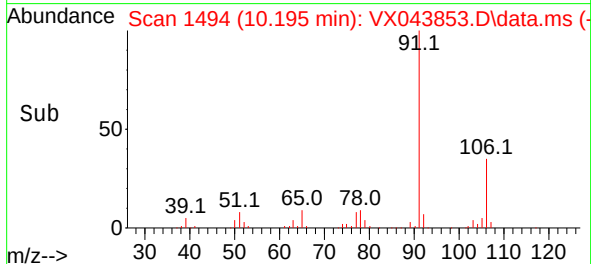
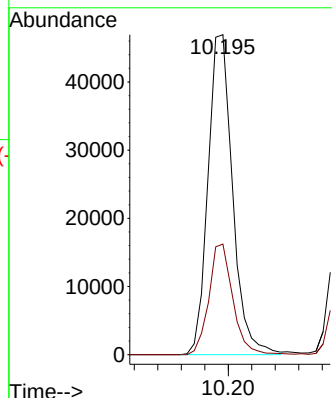
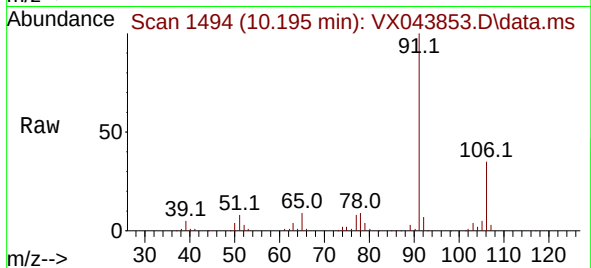
ClientSampleId :

Tgt Ion: 91 Resp: 68255

Ion Ratio Lower Upper

91 100

106 34.5 22.7 42.3



#53

m,p-Xylene

Concen: 10.503 ug/L

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX043853.D

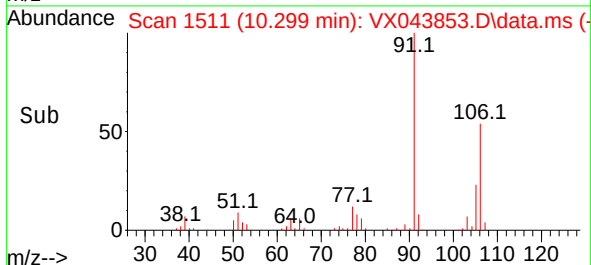
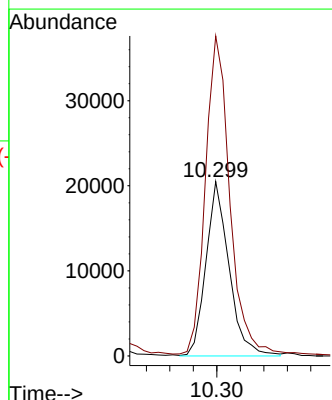
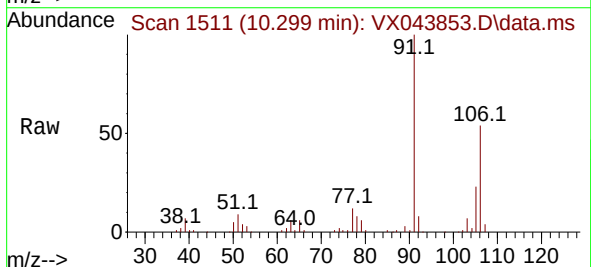
Acq: 14 Nov 2024 15:22

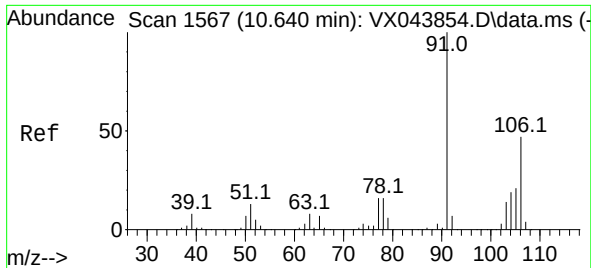
Tgt Ion: 106 Resp: 28014

Ion Ratio Lower Upper

106 100

91 183.6 134.3 249.5

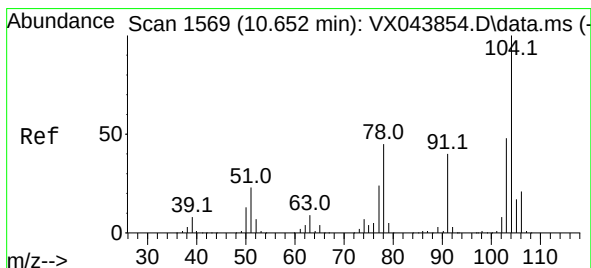
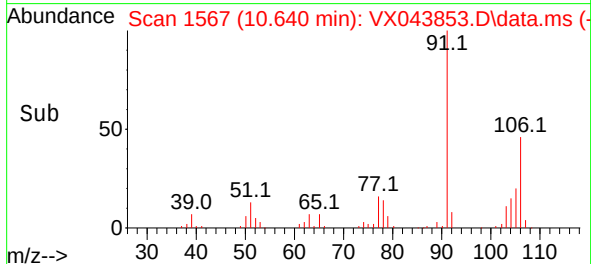
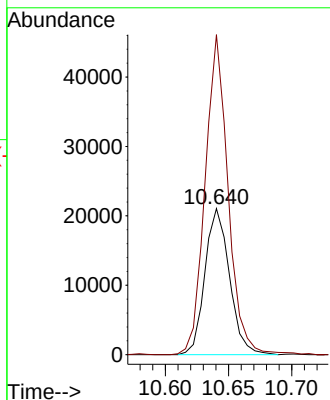
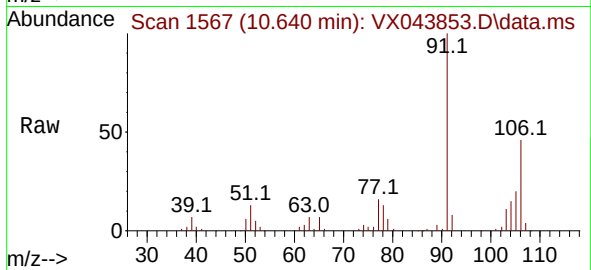




#54
o-Xylene
Concen: 10.729 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX043853.D
Acq: 14 Nov 2024 15:22

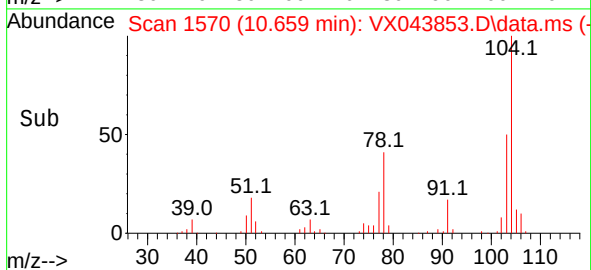
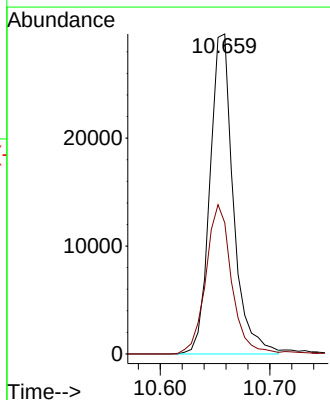
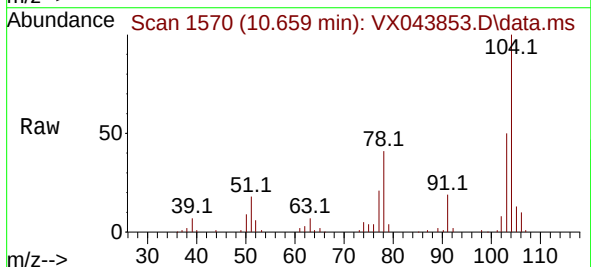
Instrument :
MSVOA_X
ClientSampleId :

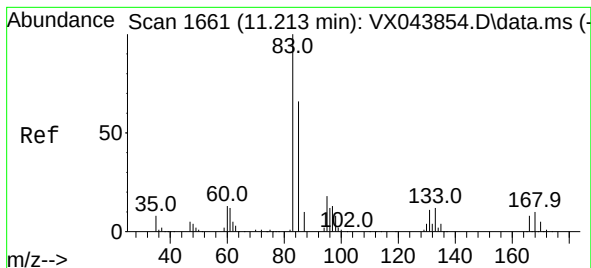
Tgt Ion:106 Resp: 28492
Ion Ratio Lower Upper
106 100
91 219.0 149.7 277.9



#55
Styrene
Concen: 10.195 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX043853.D
Acq: 14 Nov 2024 15:22

Tgt Ion:104 Resp: 44069
Ion Ratio Lower Upper
104 100
78 41.0 31.6 58.6





#57

1,1,2,2-Tetrachloroethane

Concen: 10.596 ug/L

RT: 11.214 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX043853.D

Acq: 14 Nov 2024 15:22

Instrument :

MSVOA_X

ClientSampleId :

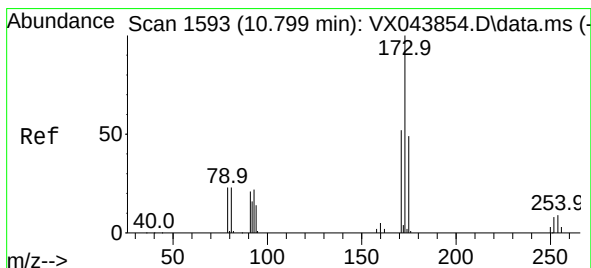
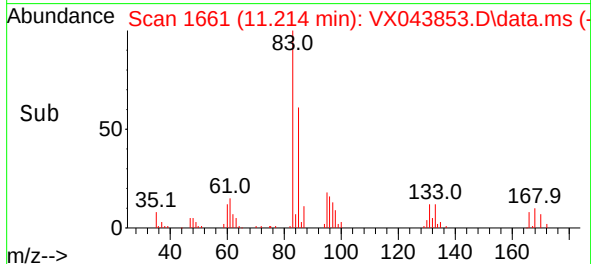
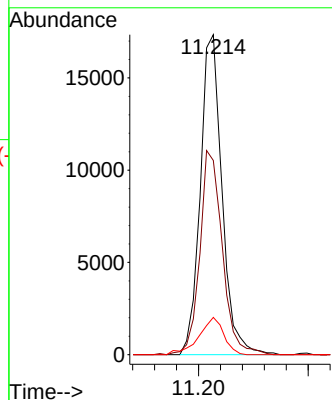
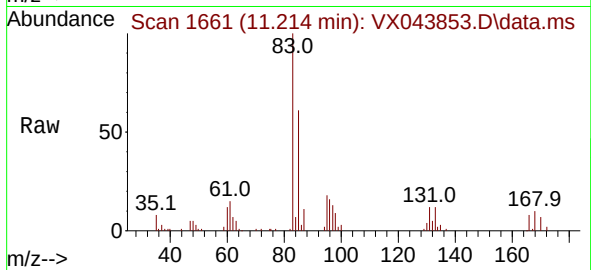
Tgt Ion: 83 Resp: 23879

Ion Ratio Lower Upper

83 100

85 60.7 46.2 85.8

131 11.7 9.2 13.8



#59

Bromoform

Concen: 9.094 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX043853.D

Acq: 14 Nov 2024 15:22

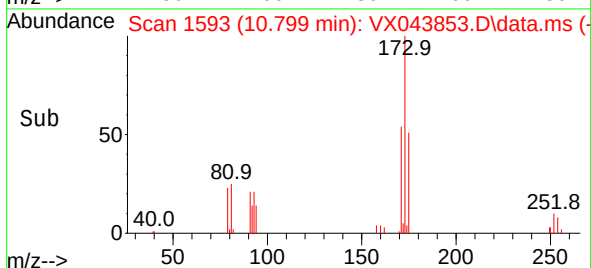
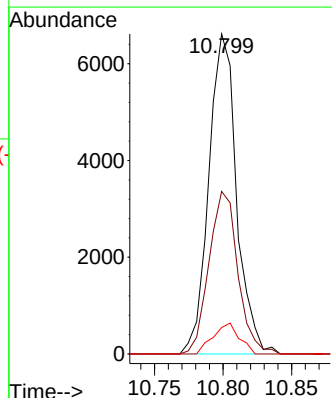
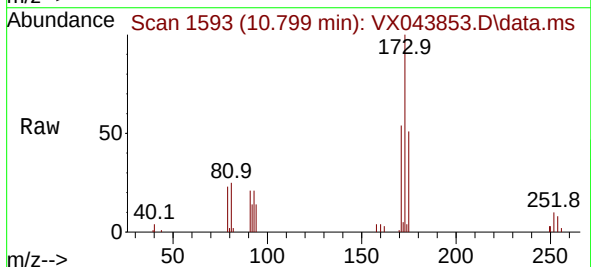
Tgt Ion:173 Resp: 9313

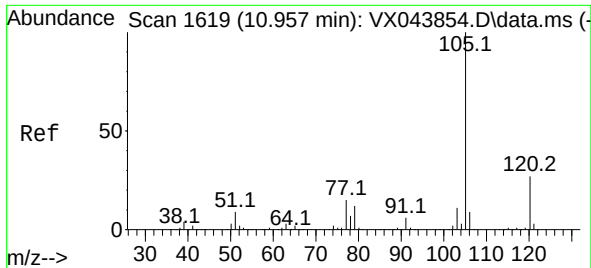
Ion Ratio Lower Upper

173 100

175 52.8 40.0 60.0

254 9.1 7.0 10.4

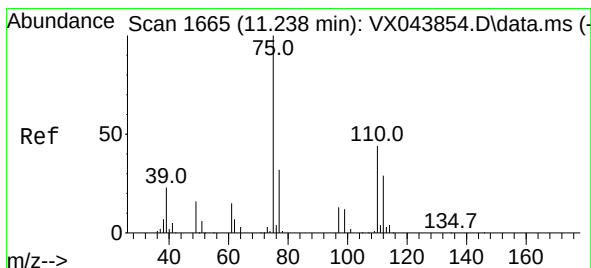
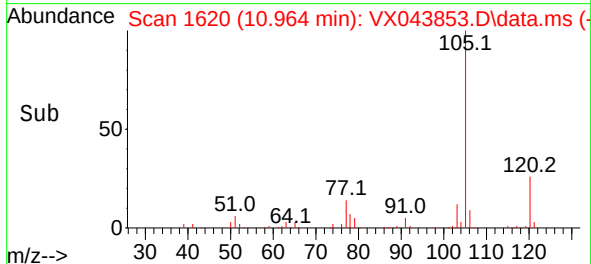
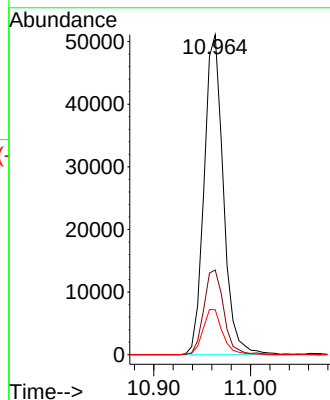
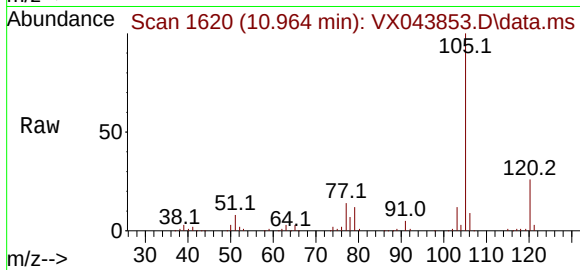




#60
Isopropylbenzene
Concen: 10.655 ug/L
RT: 10.964 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX043853.D
Acq: 14 Nov 2024 15:22

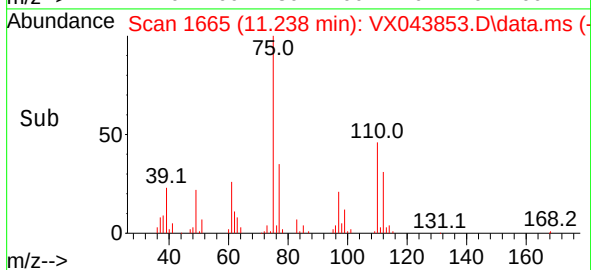
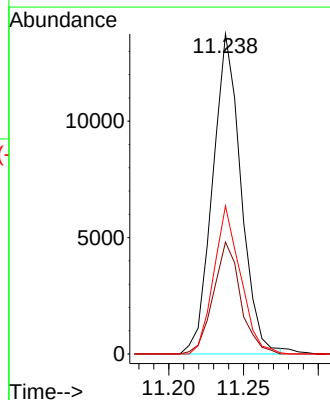
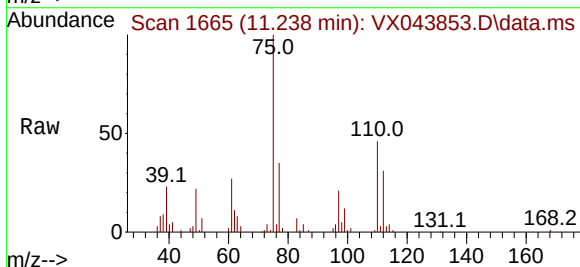
Instrument :
MSVOA_X
ClientSampleId :

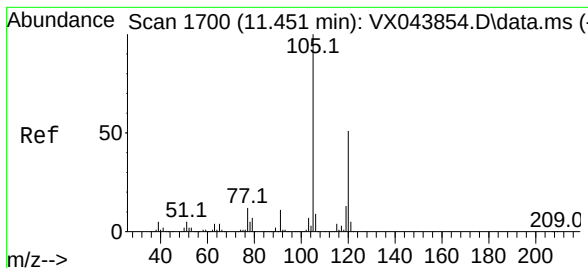
Tgt Ion:105 Resp: 70872
Ion Ratio Lower Upper
105 100
120 27.2 22.4 33.6
77 14.4 11.7 17.5



#61
1,2,3-Trichloropropane
Concen: 10.735 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX043853.D
Acq: 14 Nov 2024 15:22

Tgt Ion: 75 Resp: 18108
Ion Ratio Lower Upper
75 100
77 33.7 25.7 38.5
110 43.7 37.0 55.6





#62

1,3,5-Trimethylbenzene

Concen: 10.146 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX043853.D

Acq: 14 Nov 2024 15:22

Instrument :

MSVOA_X

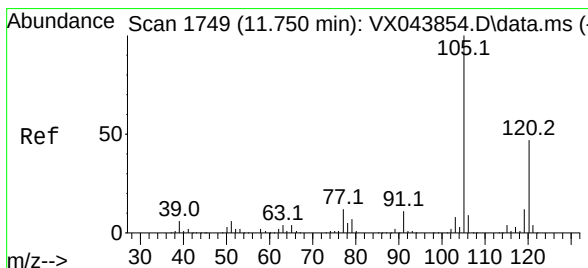
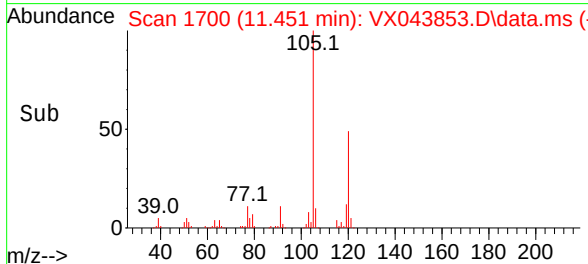
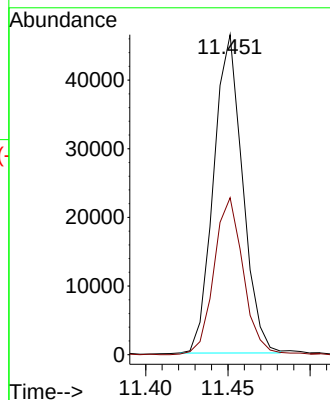
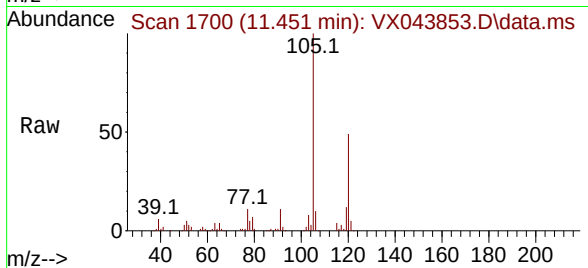
ClientSampleId :

Tgt Ion:105 Resp: 56835

Ion Ratio Lower Upper

105 100

120 50.1 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 10.487 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX043853.D

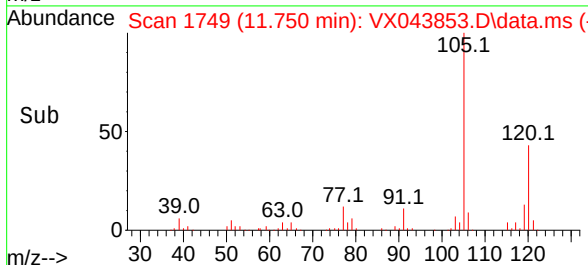
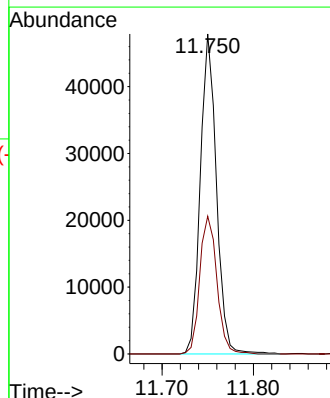
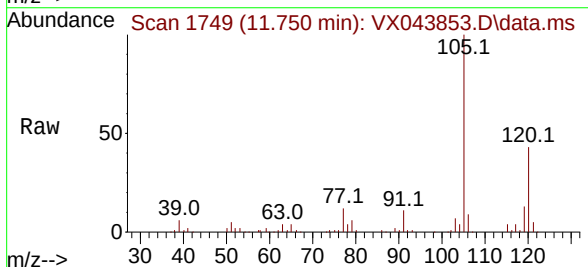
Acq: 14 Nov 2024 15:22

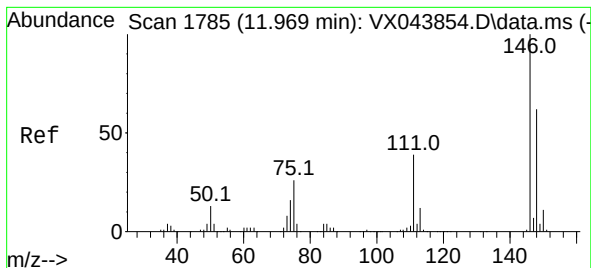
Tgt Ion:105 Resp: 58476

Ion Ratio Lower Upper

105 100

120 45.9 37.6 56.4





#64

1,3-Dichlorobenzene

Concen: 10.263 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX043853.D

Acq: 14 Nov 2024 15:22

Instrument :

MSVOA_X

ClientSampleId :

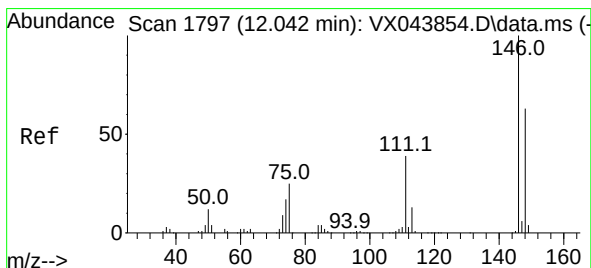
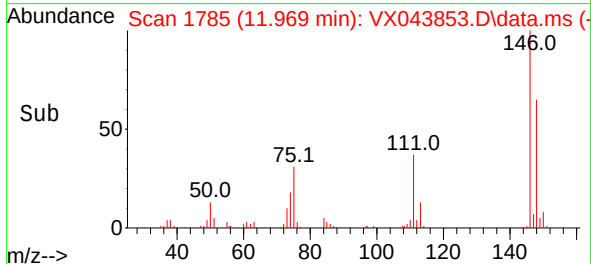
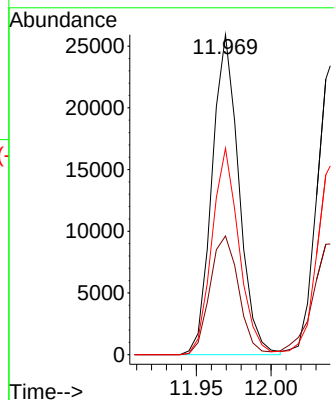
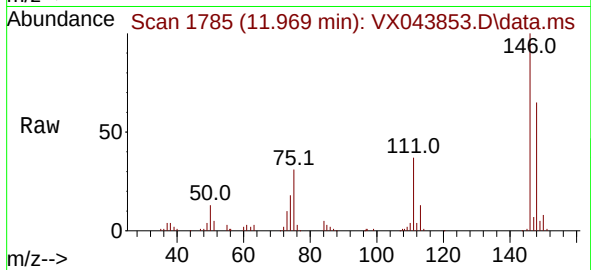
Tgt Ion:146 Resp: 32433

Ion Ratio Lower Upper

146 100

111 37.1 27.2 50.4

148 64.5 43.5 80.7



#65

1,4-Dichlorobenzene

Concen: 10.421 ug/L

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX043853.D

Acq: 14 Nov 2024 15:22

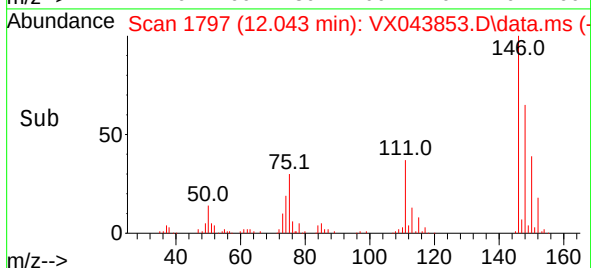
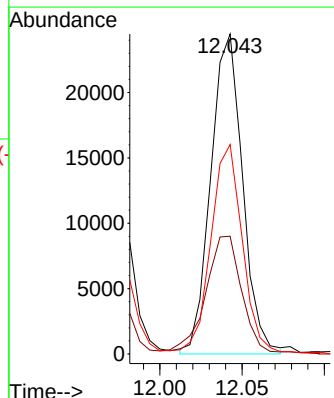
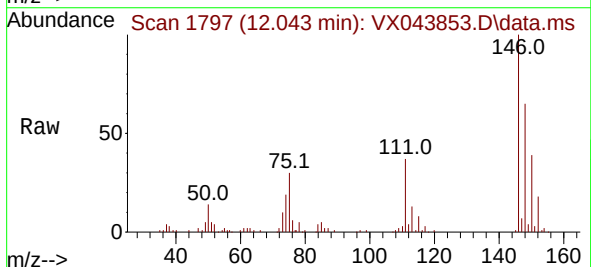
Tgt Ion:146 Resp: 32892

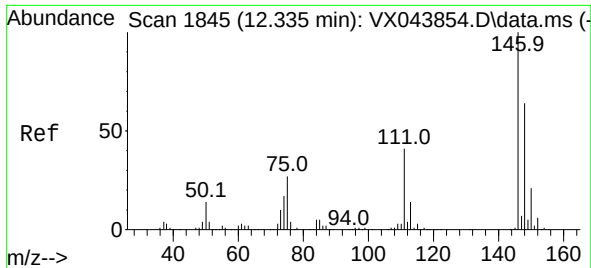
Ion Ratio Lower Upper

146 100

111 36.8 27.5 51.1

148 65.4 44.0 81.8

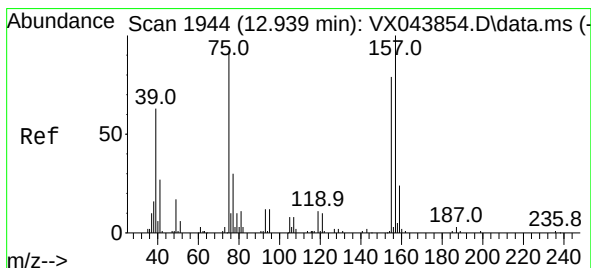
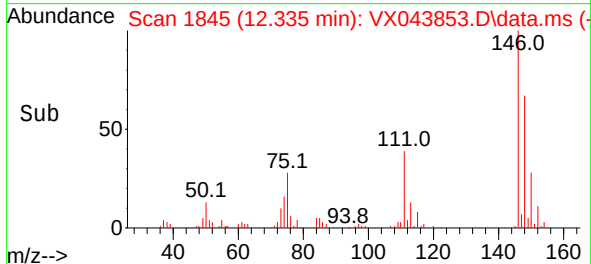
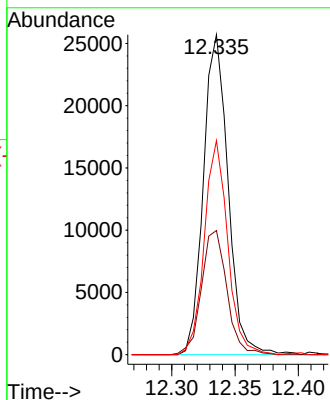
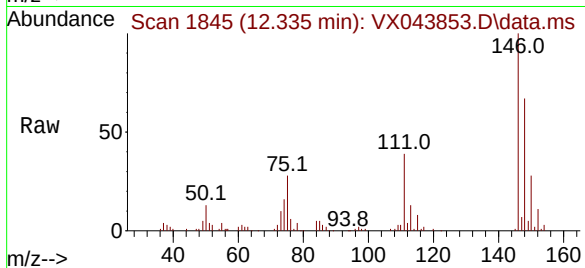




#67
1,2-Dichlorobenzene
Concen: 10.794 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX043853.D
Acq: 14 Nov 2024 15:22

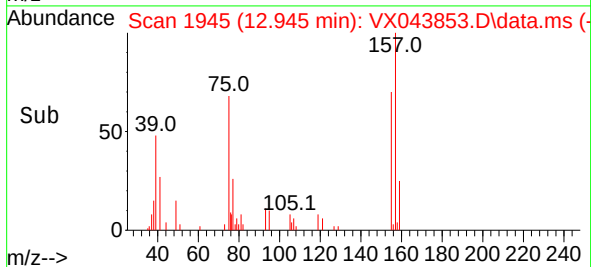
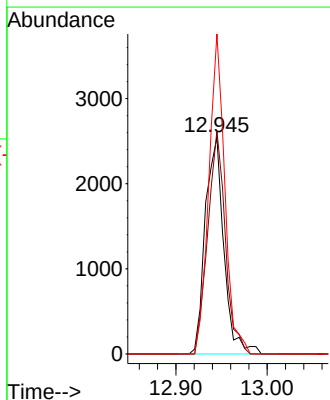
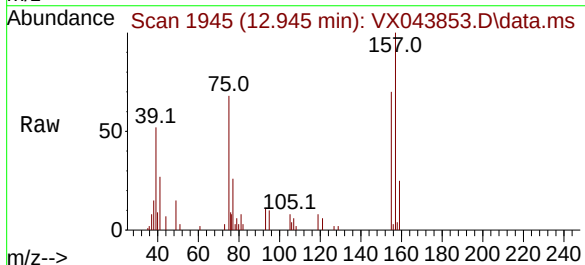
Instrument :
MSVOA_X
ClientSampleId :

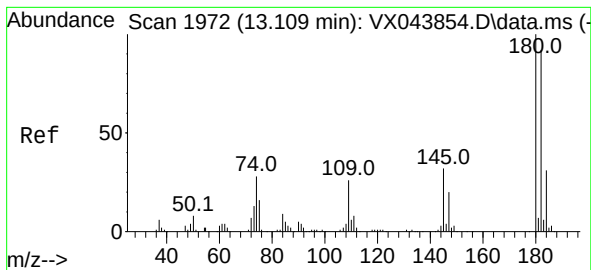
Tgt Ion:146 Resp: 34782
Ion Ratio Lower Upper
146 100
111 38.8 33.0 49.4
148 66.9 51.5 77.3



#68
1,2-Dibromo-3-chloropropane
Concen: 8.784 ug/L
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX043853.D
Acq: 14 Nov 2024 15:22

Tgt Ion: 75 Resp: 3581
Ion Ratio Lower Upper
75 100
155 102.9 68.7 103.1
157 147.6 87.2 130.8#





#69

1,3,5-Trichlorobenzene

Concen: 9.971 ug/L

RT: 13.110 min Scan# 1972

Delta R.T. 0.000 min

Lab File: VX043853.D

Acq: 14 Nov 2024 15:22

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:180 Resp: 21116

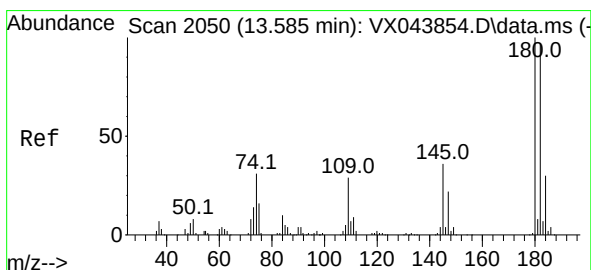
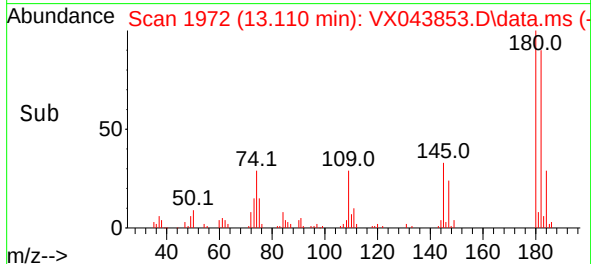
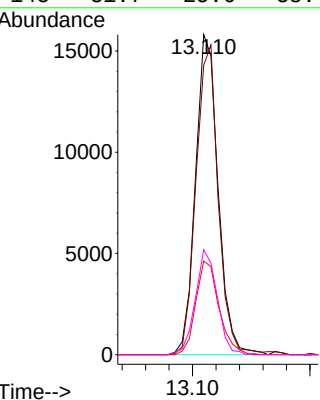
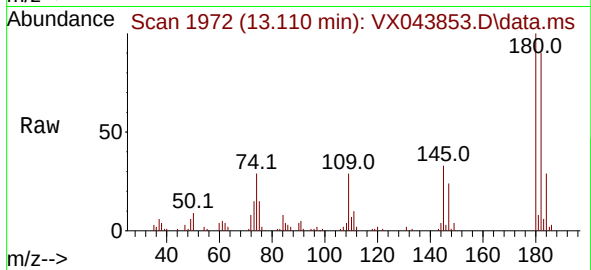
Ion Ratio Lower Upper

180 100

182 94.3 74.5 111.7

184 30.0 23.9 35.9

145 31.7 25.6 38.4



#70

1,2,4-trichlorobenzene

Concen: 9.705 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX043853.D

Acq: 14 Nov 2024 15:22

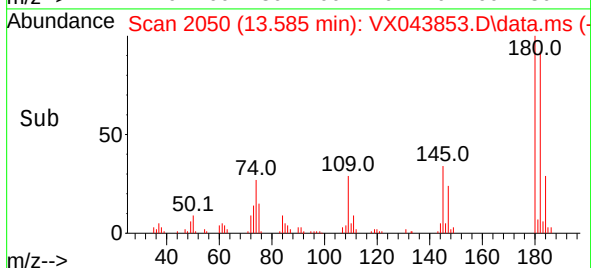
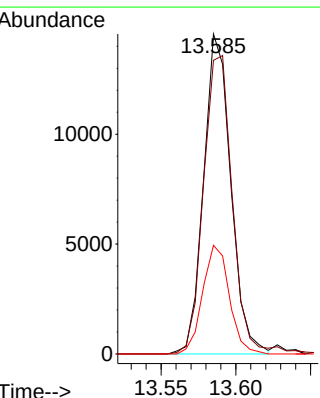
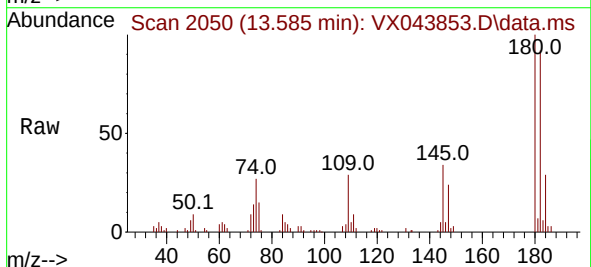
Tgt Ion:180 Resp: 18391

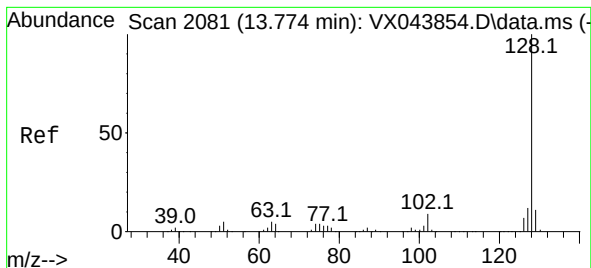
Ion Ratio Lower Upper

180 100

182 97.9 75.7 113.5

145 33.4 26.5 39.7





#71

Naphthalene

Concen: 9.608 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX043853.D

Acq: 14 Nov 2024 15:22

Instrument :

MSVOA_X

ClientSampleId :

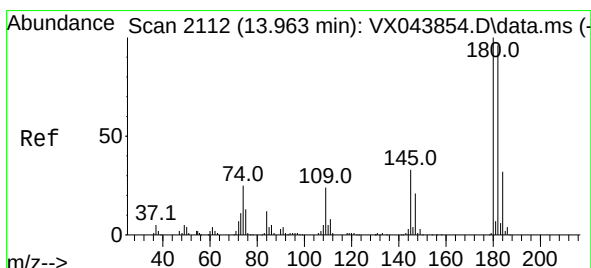
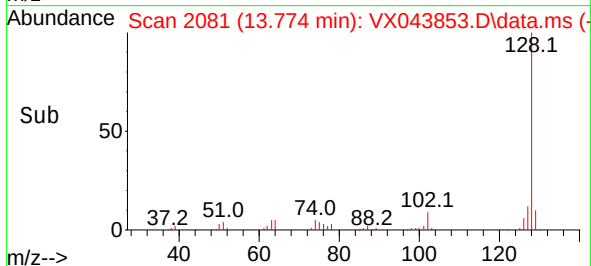
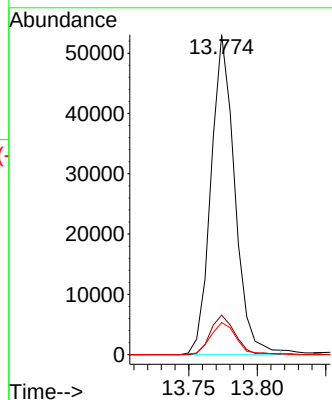
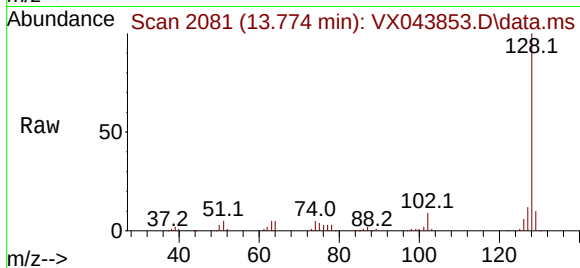
Tgt Ion:128 Resp: 63963

Ion Ratio Lower Upper

128 100

127 12.6 9.8 14.6

129 11.1 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 10.064 ug/L

RT: 13.957 min Scan# 2111

Delta R.T. -0.006 min

Lab File: VX043853.D

Acq: 14 Nov 2024 15:22

Tgt Ion:180 Resp: 19581

Ion Ratio Lower Upper

180 100

182 94.8 75.7 113.5

145 34.9 27.6 41.4

