

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110424\
 Data File : VX043677.D
 Acq On : 04 Nov 2024 12:18
 Operator : JC/MD
 Sample : VSTD100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 05 03:12:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML110424WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 05 03:09:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	312447	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	270110	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	130346	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	177149	106.426	ug/L	0.00
7) Chloroethane-d5	1.642	69	75575	105.629	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.294	65	84232	109.620	ug/L	0.00
21) 2-Butanone-d5	4.465	46	225740	208.311	ug/L	0.00
24) Chloroform-d	5.050	84	387320	107.940	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	232528	102.007	ug/L	0.00
32) Benzene-d6	5.964	84	740276	106.005	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.306	67	223237	105.072	ug/L	0.00
41) Toluene-d8	8.647	98	659156	103.905	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.945	79	112495	112.234	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	178458	212.242	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	287391	105.425	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	233068	103.201	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	233268	106.005	ug/L	99
3) Chloromethane	1.294	50	223942	104.716	ug/L	99
5) Vinyl chloride	1.374	62	222130	106.038	ug/L	97
6) Bromomethane	1.593	94	87122	107.325	ug/L	99
8) Chloroethane	1.660	64	53655	83.600	ug/L	98
9) Trichlorofluoromethane	1.867	101	294345	110.725	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	195080	106.849	ug/L	100
12) 1,1-Dichloroethene	2.306	96	182127	109.273	ug/L	89
13) Acetone	2.386	43	209650	206.830	ug/L	99
14) Carbon disulfide	2.501	76	418004	113.450	ug/L	100
15) Methyl Acetate	2.703	43	224227	104.614	ug/L	98
16) Methylene chloride	2.782	84	213088	105.823	ug/L	98
17) trans-1,2-Dichloroethene	3.081	96	195344	108.943	ug/L	99
18) Methyl tert-butyl Ether	3.117	73	726780	106.622	ug/L	100
19) 1,1-Dichloroethane	3.605	63	384673	108.945	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	236169	106.042	ug/L	98
22) 2-Butanone	4.562	43	311072	215.420	ug/L	99
23) Bromochloromethane	4.897	128	120236	107.400	ug/L	97
25) Chloroform	5.086	83	408986	107.941	ug/L	97
27) 1,2-Dichloroethane	6.080	62	313021	106.891	ug/L	96
29) Cyclohexane	5.458	56	336528	107.373	ug/L	100
30) 1,1,1-Trichloroethane	5.379	97	355061	108.511	ug/L	100
31) Carbon tetrachloride	5.672	117	296217	110.348	ug/L	100
33) Benzene	6.031	78	824635	107.108	ug/L	100
34) Trichloroethene	7.123	95	223715	108.083	ug/L	98
35) Methylcyclohexane	7.373	83	334315	108.107	ug/L	98
37) 1,2-Dichloropropane	7.427	63	216835	105.729	ug/L	99
38) Bromodichloromethane	7.818	83	287566	110.242	ug/L	97
39) cis-1,3-Dichloropropene	8.366	75	368966	111.979	ug/L	100
40) 4-Methyl-2-pentanone	8.574	43	598794	214.514	ug/L	100
42) Toluene	8.714	91	851750	105.181	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	334436	110.433	ug/L	96

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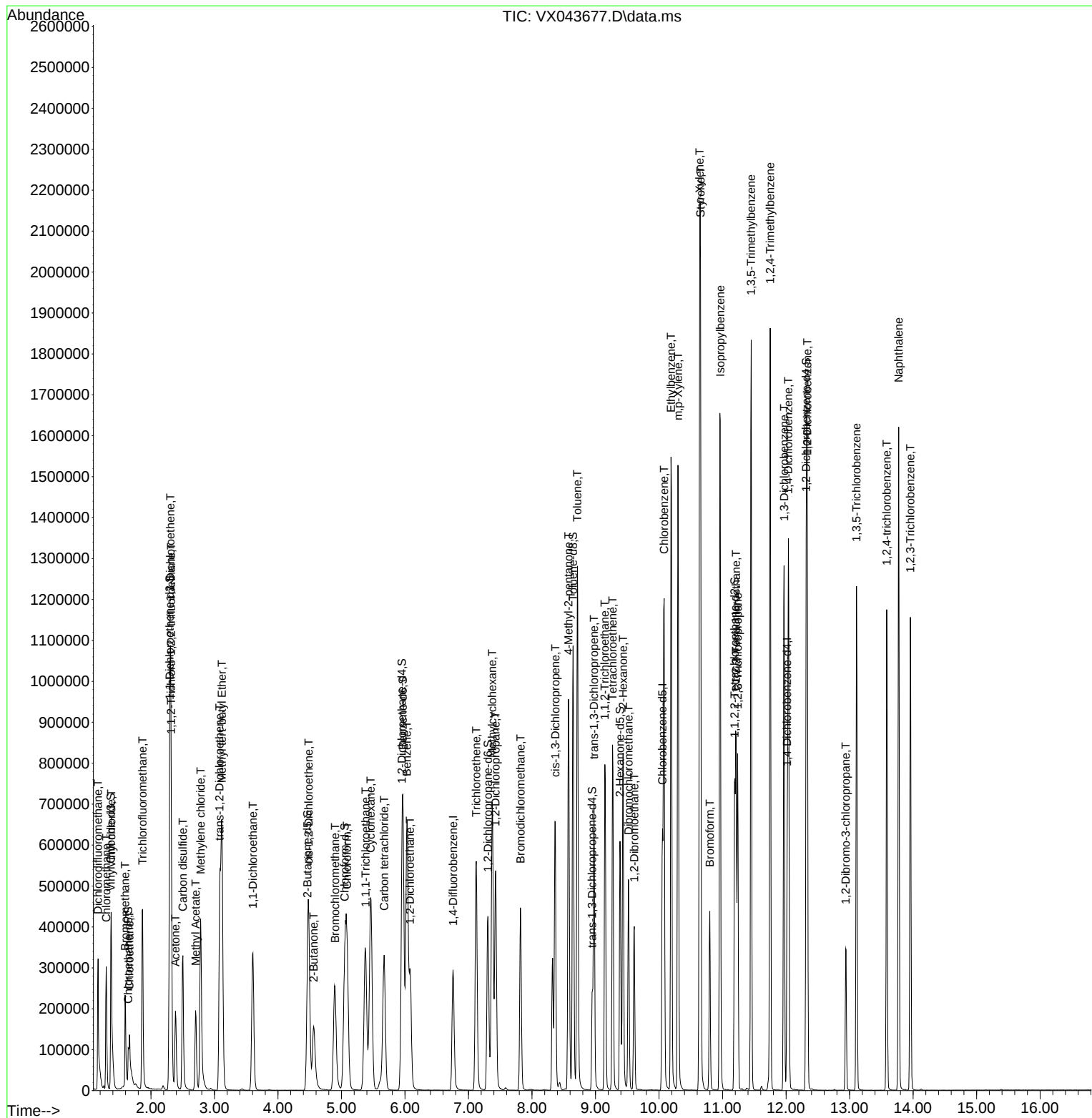
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.147	97	220879	105.029	ug/L	98
46) Tetrachloroethene	9.269	164	158775	106.569	ug/L	98
48) 2-Hexanone	9.433	43	443036	212.329	ug/L	99
49) Dibromochloromethane	9.519	129	222428	113.473	ug/L	98
50) 1,2-Dibromoethane	9.610	107	229006	105.464	ug/L	98
51) Chlorobenzene	10.079	112	553095	104.508	ug/L	99
52) Ethylbenzene	10.189	91	941007	106.905	ug/L	99
53) m,p-Xylene	10.299	106	359392	105.770	ug/L	97
54) o-Xylene	10.640	106	359010	105.981	ug/L	99
55) Styrene	10.652	104	613444	108.862	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	330730	105.003	ug/L	100
59) Bromoform	10.799	173	152637	111.953	ug/L	97
60) Isopropylbenzene	10.963	105	933112	103.243	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	255234	100.879	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	796878	104.896	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	794415	105.026	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	421393	105.996	ug/L	99
65) 1,4-Dichlorobenzene	12.036	146	416892	104.114	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	422607	104.022	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.939	75	69929	110.380	ug/L	98
69) 1,3,5-Trichlorobenzene	13.109	180	278518	105.040	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	263321	108.309	ug/L	100
71) Naphthalene	13.774	128	962490	106.608	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	267487	106.457	ug/L	100

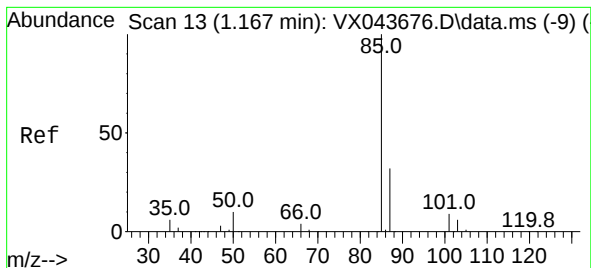
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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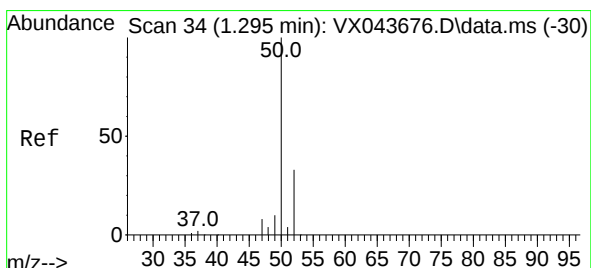
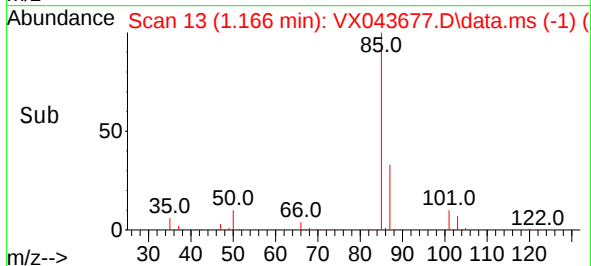
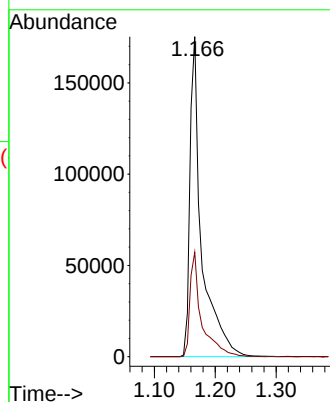
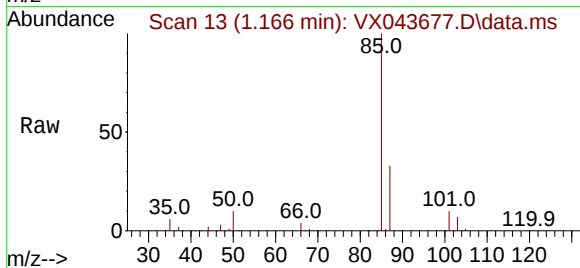




#2
Dichlorodifluoromethane
Concen: 106.005 ug/L
RT: 1.166 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX043677.D
Acq: 04 Nov 2024 12:18

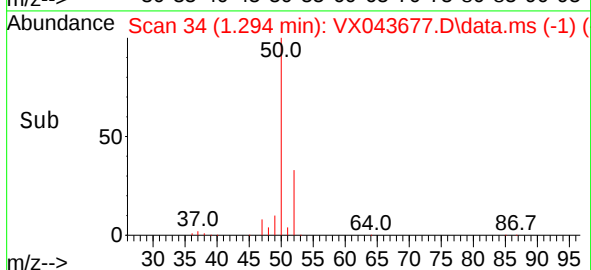
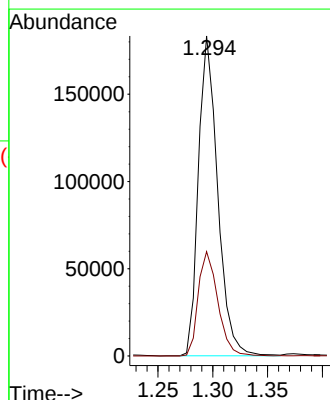
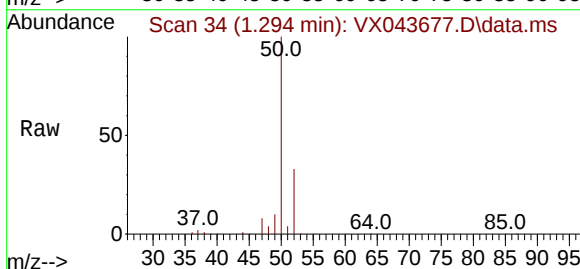
Instrument :
MSVOA_X
ClientSampleId :

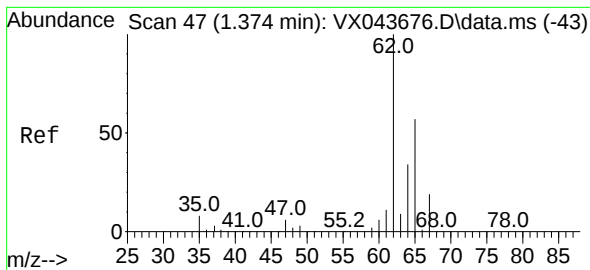
Tgt Ion: 85 Resp: 233268
Ion Ratio Lower Upper
85 100
87 32.5 25.6 38.4



#3
Chloromethane
Concen: 104.716 ug/L
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX043677.D
Acq: 04 Nov 2024 12:18

Tgt Ion: 50 Resp: 223942
Ion Ratio Lower Upper
50 100
52 32.6 23.4 43.4





#5

Vinyl chloride

Concen: 106.038 ug/L

RT: 1.374 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX043677.D

Acq: 04 Nov 2024 12:18

Instrument :

MSVOA_X

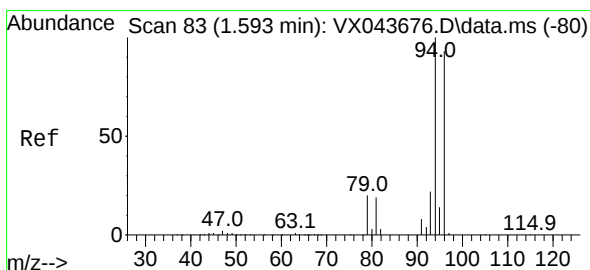
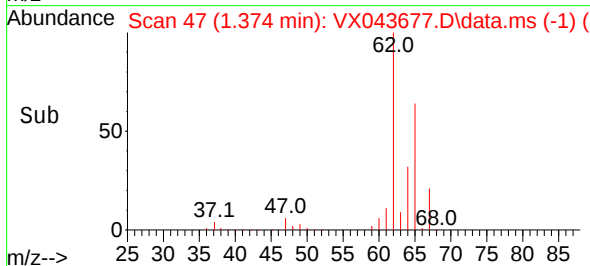
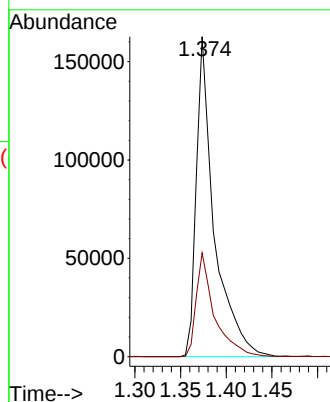
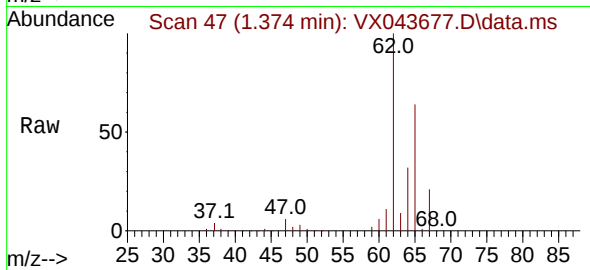
ClientSampleId :

Tgt Ion: 62 Resp: 222130

Ion Ratio Lower Upper

62 100

64 32.5 24.0 44.6



#6

Bromomethane

Concen: 107.325 ug/L

RT: 1.593 min Scan# 83

Delta R.T. -0.000 min

Lab File: VX043677.D

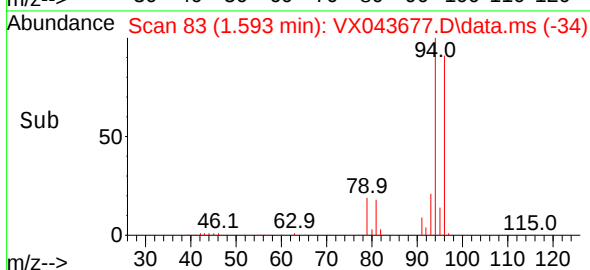
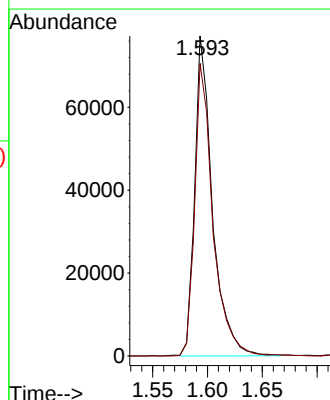
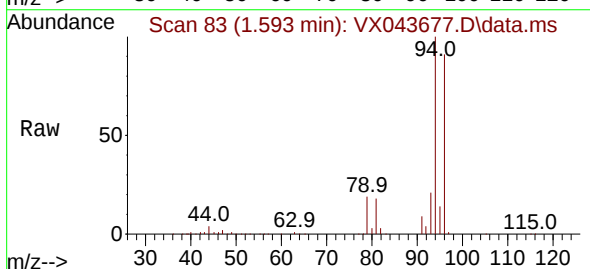
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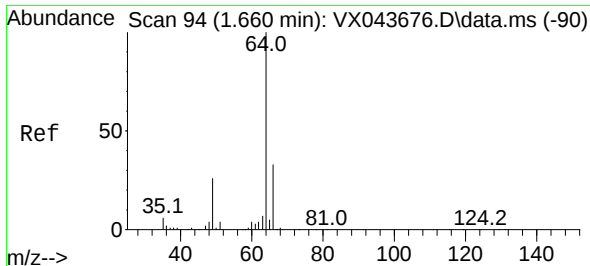
Tgt Ion: 94 Resp: 87122

Ion Ratio Lower Upper

94 100

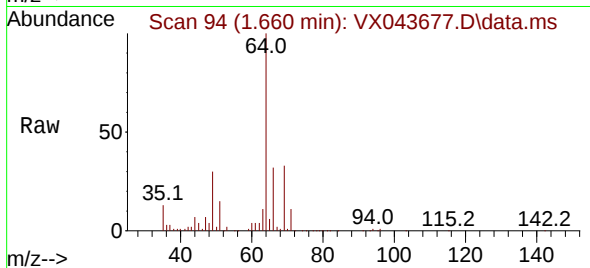
96 91.5 65.0 120.8



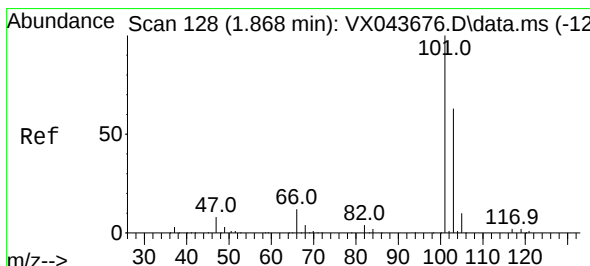
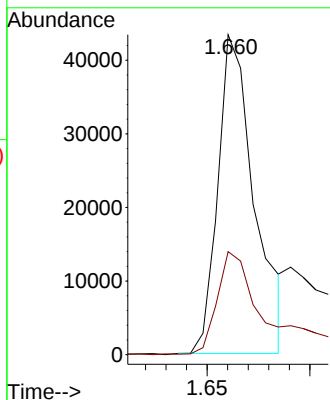
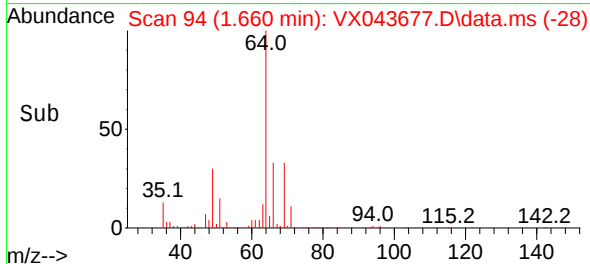


#8
Chloroethane
Concen: 83.600 ug/L
RT: 1.660 min Scan# 94
Delta R.T. -0.000 min
Lab File: VX043677.D
Acq: 04 Nov 2024 12:18

Instrument :
MSVOA_X
ClientSampleId :

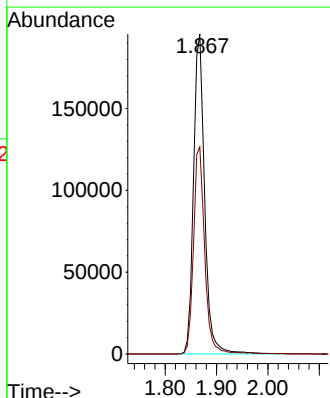
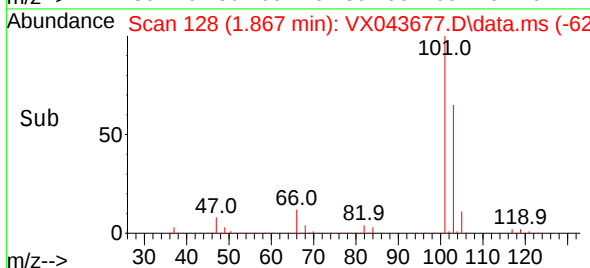
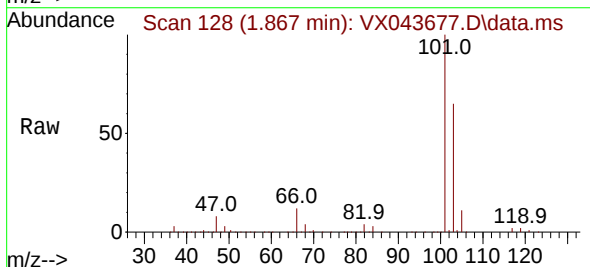


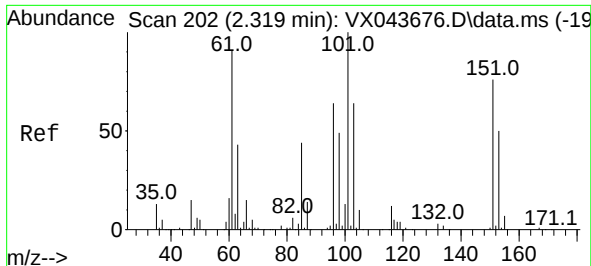
Tgt Ion: 64 Resp: 53655
Ion Ratio Lower Upper
64 100
66 32.2 23.2 43.2



#9
Trichlorofluoromethane
Concen: 110.725 ug/L
RT: 1.867 min Scan# 128
Delta R.T. -0.000 min
Lab File: VX043677.D
Acq: 04 Nov 2024 12:18

Tgt Ion:101 Resp: 294345
Ion Ratio Lower Upper
101 100
103 64.8 51.6 77.4

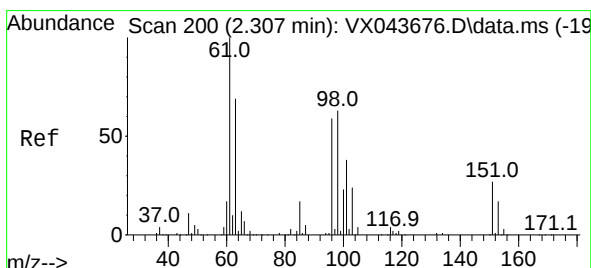
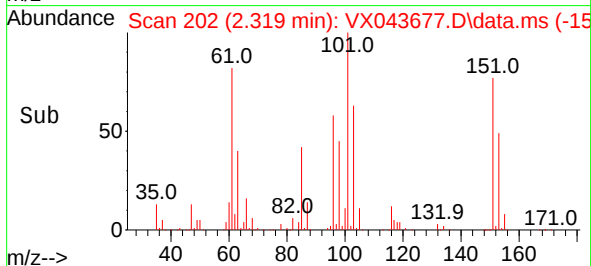
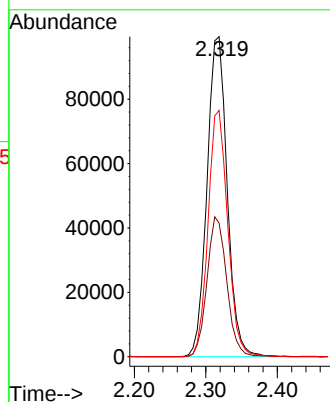
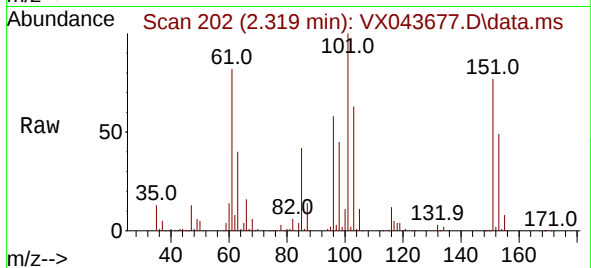




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 106.849 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX043677.D
 Acq: 04 Nov 2024 12:18

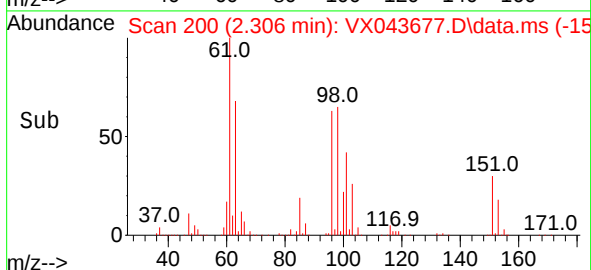
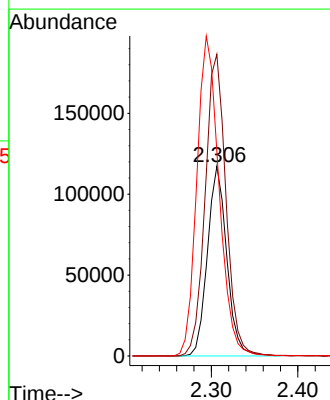
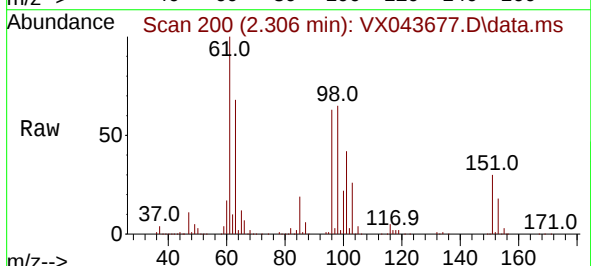
Instrument :
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 ClientSampleId :

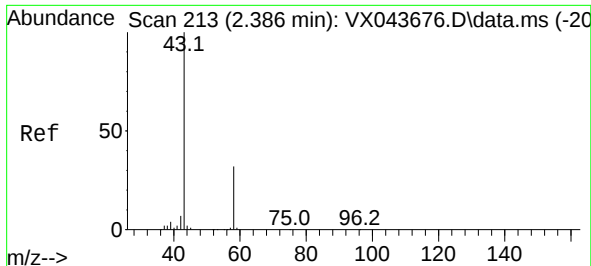
Tgt Ion:101 Resp: 195080
 Ion Ratio Lower Upper
 101 100
 85 42.9 34.0 51.0
 151 75.0 60.2 90.4



#12
 1,1-Dichloroethene
 Concen: 109.273 ug/L
 RT: 2.306 min Scan# 200
 Delta R.T. -0.000 min
 Lab File: VX043677.D
 Acq: 04 Nov 2024 12:18

Tgt Ion: 96 Resp: 182127
 Ion Ratio Lower Upper
 96 100
 61 159.1 119.7 222.3
 63 108.0 86.5 160.6





#13

Acetone

Concen: 206.830 ug/L

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX043677.D

Acq: 04 Nov 2024 12:18

Instrument :

MSVOA_X

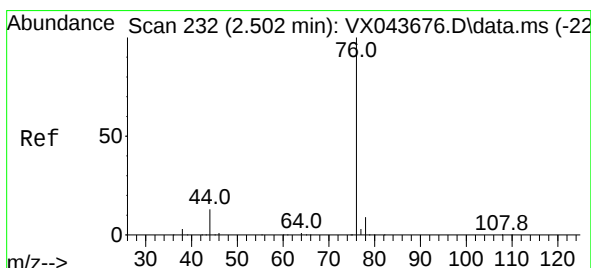
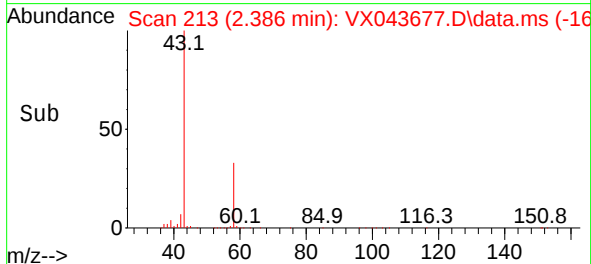
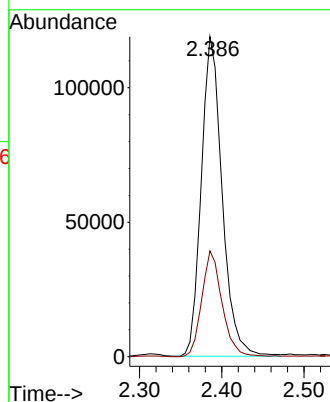
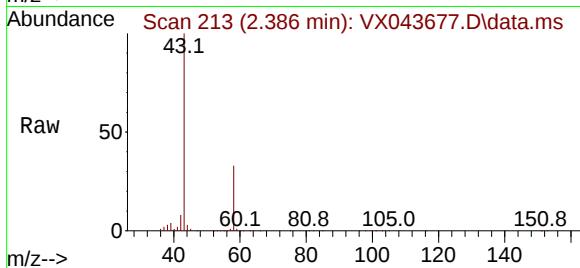
ClientSampleId :

Tgt Ion: 43 Resp: 209650

Ion Ratio Lower Upper

43 100

58 32.1 0.0 63.6



#14

Carbon disulfide

Concen: 113.450 ug/L

RT: 2.501 min Scan# 232

Delta R.T. -0.000 min

Lab File: VX043677.D

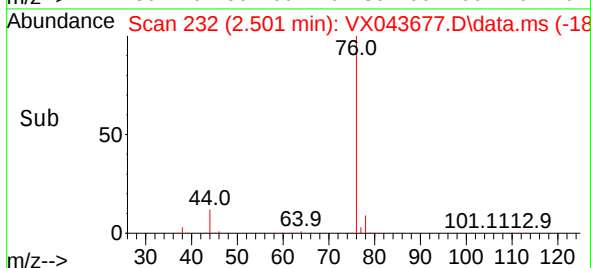
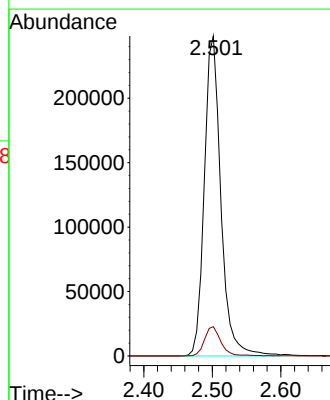
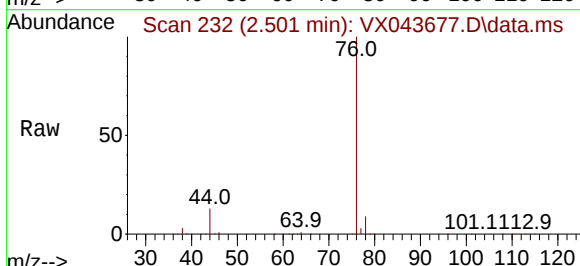
Acq: 04 Nov 2024 12:18

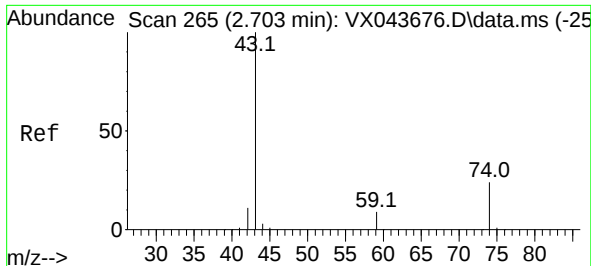
Tgt Ion: 76 Resp: 418004

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9





#15

Methyl Acetate

Concen: 104.614 ug/L

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX043677.D

Acq: 04 Nov 2024 12:18

Instrument :

MSVOA_X

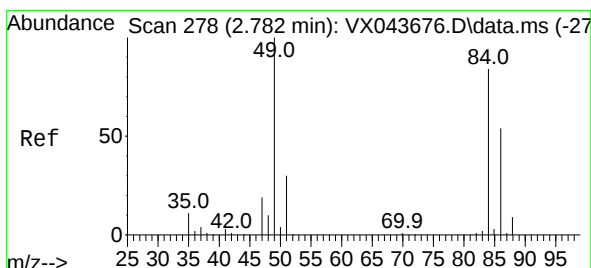
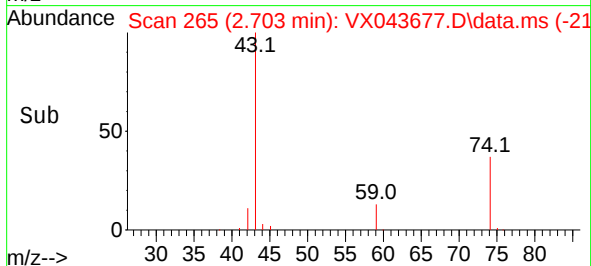
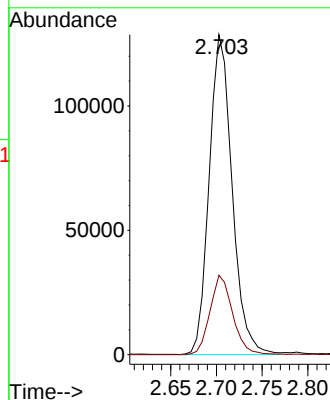
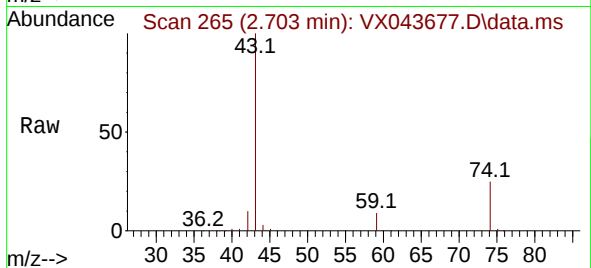
ClientSampleId :

Tgt Ion: 43 Resp: 224227

Ion Ratio Lower Upper

43 100

74 24.5 18.9 28.3



#16

Methylene chloride

Concen: 105.823 ug/L

RT: 2.782 min Scan# 278

Delta R.T. -0.000 min

Lab File: VX043677.D

Acq: 04 Nov 2024 12:18

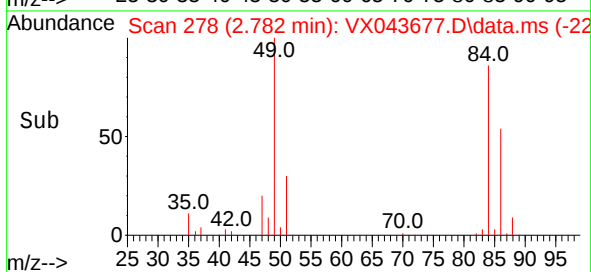
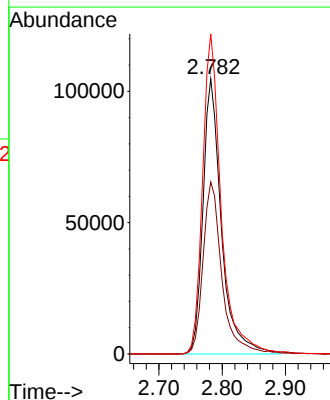
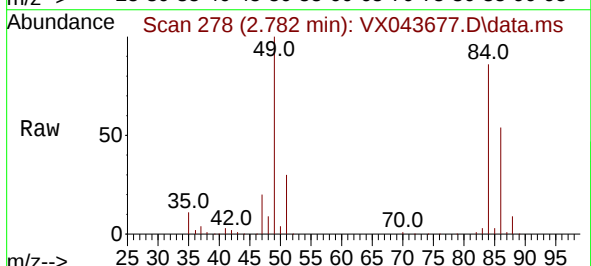
Tgt Ion: 84 Resp: 213088

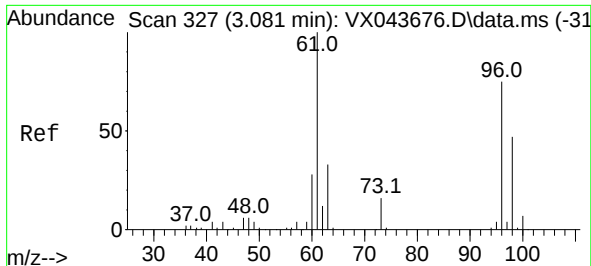
Ion Ratio Lower Upper

84 100

86 62.6 44.7 83.1

49 116.3 83.2 154.4





#17

trans-1,2-Dichloroethene

Concen: 108.943 ug/L

RT: 3.081 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX043677.D

Acq: 04 Nov 2024 12:18

Instrument :

MSVOA_X

ClientSampleId :

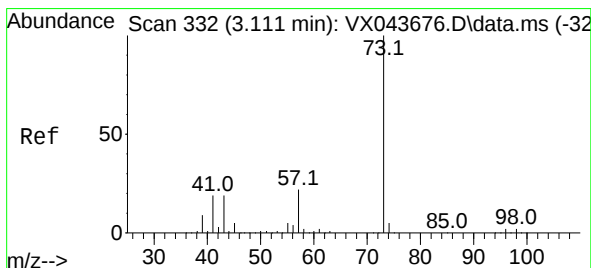
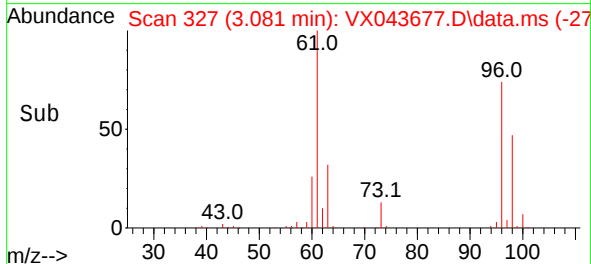
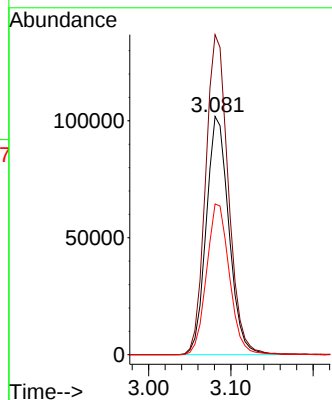
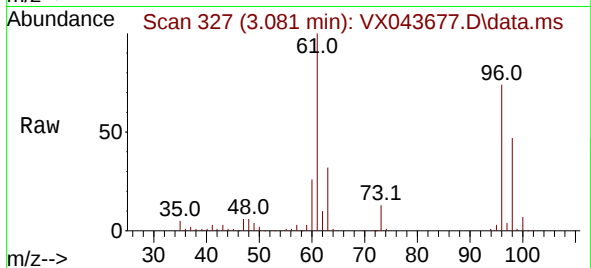
Tgt Ion: 96 Resp: 195344

Ion Ratio Lower Upper

96 100

61 134.4 93.4 173.6

98 63.3 44.1 81.9



#18

Methyl tert-butyl Ether

Concen: 106.622 ug/L

RT: 3.117 min Scan# 333

Delta R.T. 0.006 min

Lab File: VX043677.D

Acq: 04 Nov 2024 12:18

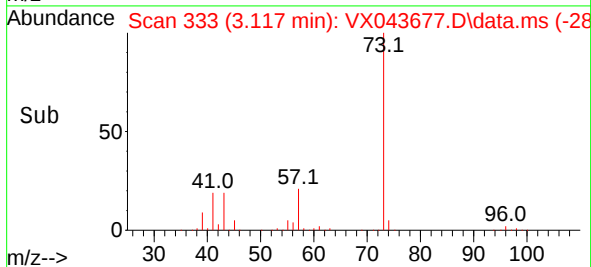
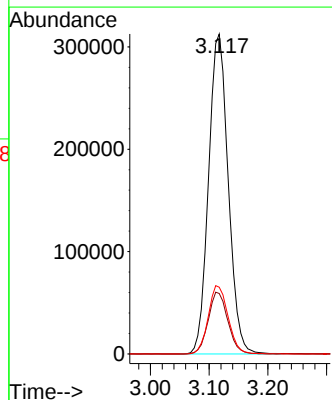
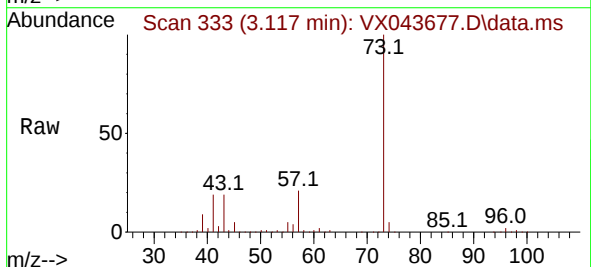
Tgt Ion: 73 Resp: 726780

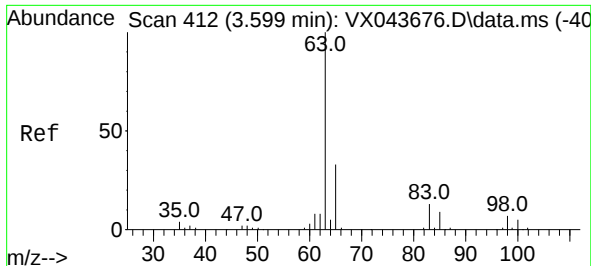
Ion Ratio Lower Upper

73 100

43 19.2 15.5 23.3

57 21.5 17.2 25.8





#19

1,1-Dichloroethane

Concen: 108.945 ug/L

RT: 3.605 min Scan# 41

Delta R.T. 0.006 min

Lab File: VX043677.D

Acq: 04 Nov 2024 12:18

Instrument :

MSVOA_X

ClientSampleId :

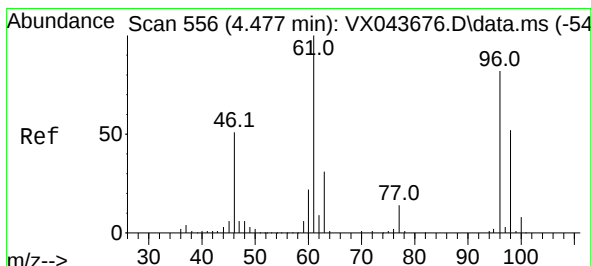
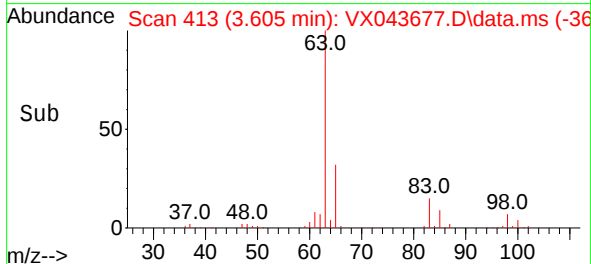
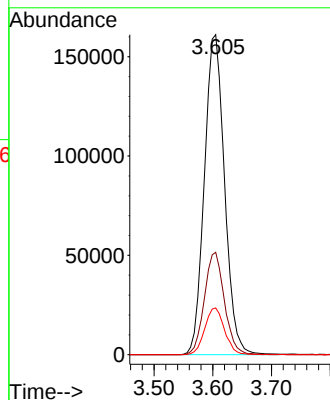
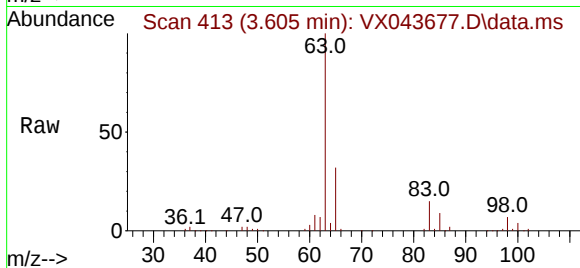
Tgt Ion: 63 Resp: 384673

Ion Ratio Lower Upper

63 100

65 32.0 23.2 43.2

83 14.6 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 106.042 ug/L

RT: 4.483 min Scan# 557

Delta R.T. 0.006 min

Lab File: VX043677.D

Acq: 04 Nov 2024 12:18

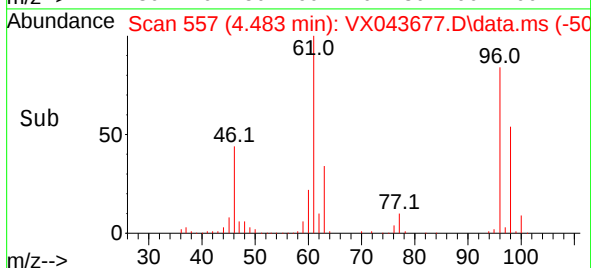
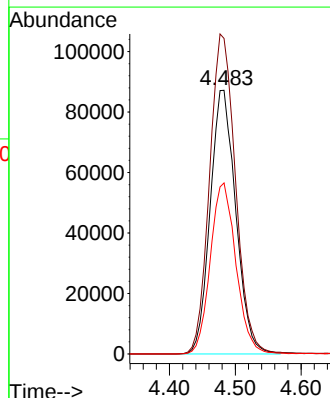
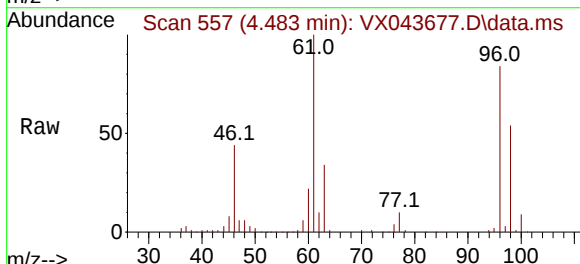
Tgt Ion: 96 Resp: 236169

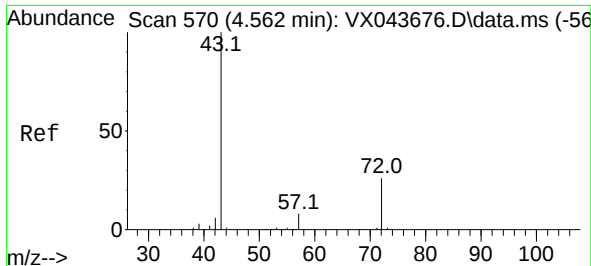
Ion Ratio Lower Upper

96 100

61 119.7 85.2 158.2

98 64.8 44.6 82.8

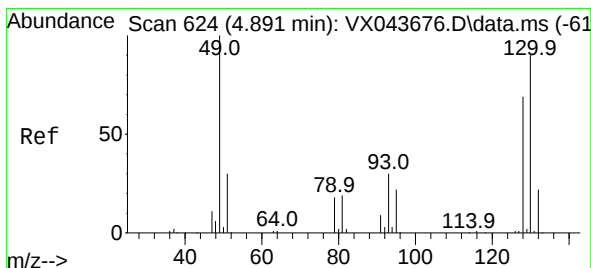
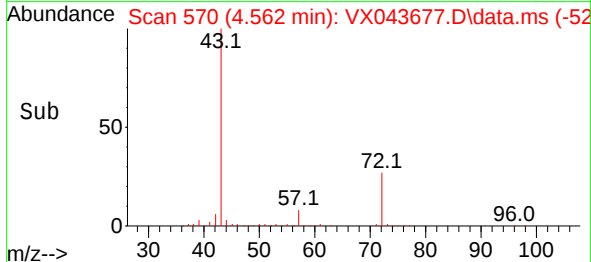
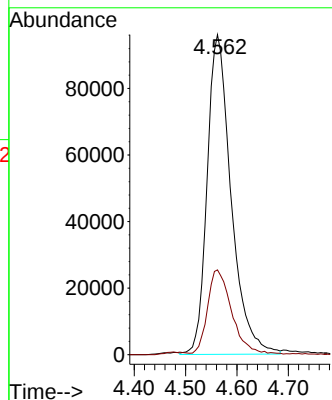
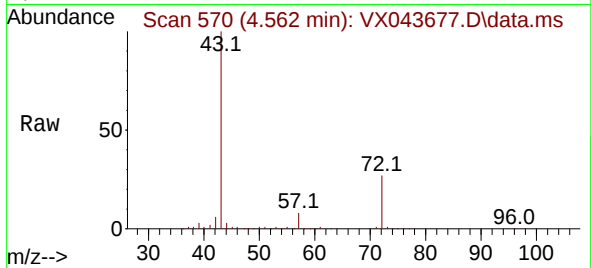




#22
2-Butanone
Concen: 215.420 ug/L
RT: 4.562 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX043677.D
Acq: 04 Nov 2024 12:18

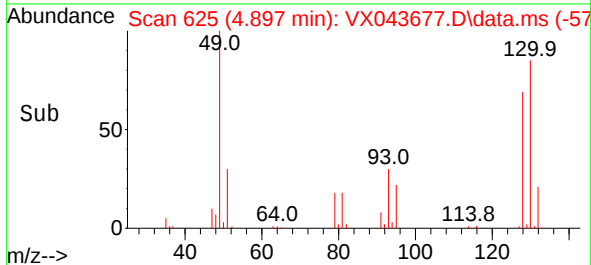
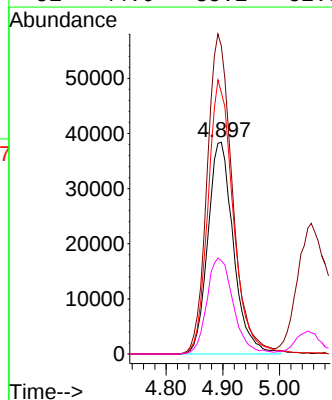
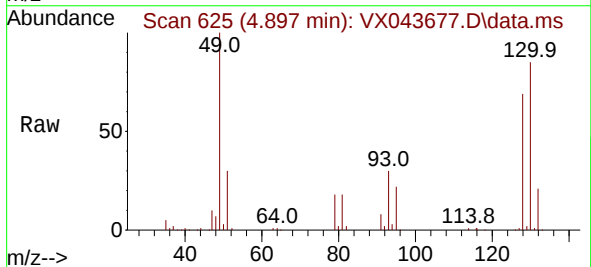
Instrument :
MSVOA_X
ClientSampleId :

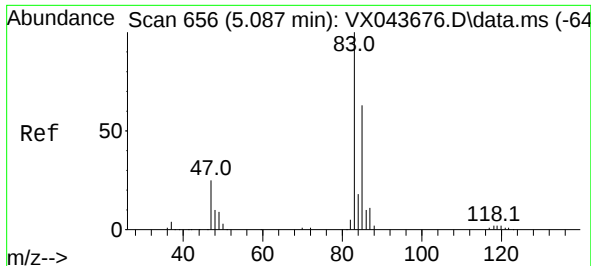
Tgt Ion: 43 Resp: 311072
Ion Ratio Lower Upper
43 100
72 26.6 13.6 40.8



#23
Bromochloromethane
Concen: 107.400 ug/L
RT: 4.897 min Scan# 625
Delta R.T. 0.006 min
Lab File: VX043677.D
Acq: 04 Nov 2024 12:18

Tgt Ion:128 Resp: 120236
Ion Ratio Lower Upper
128 100
49 145.5 101.4 188.4
130 123.5 91.5 169.9
51 44.0 35.2 52.8





#25

Chloroform

Concen: 107.941 ug/L

RT: 5.086 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX043677.D

Acq: 04 Nov 2024 12:18

Instrument :

MSVOA_X

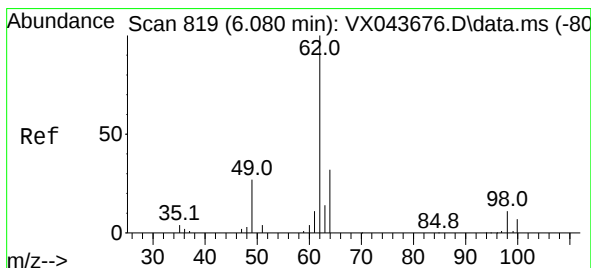
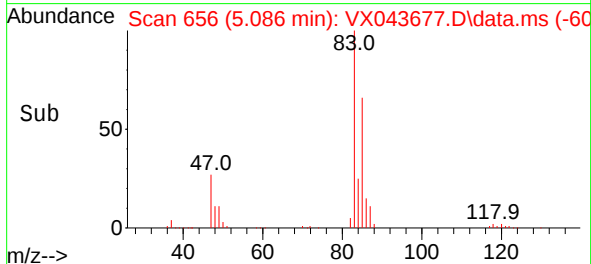
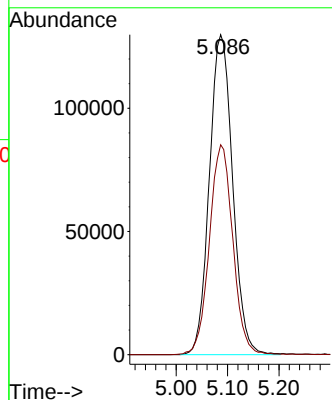
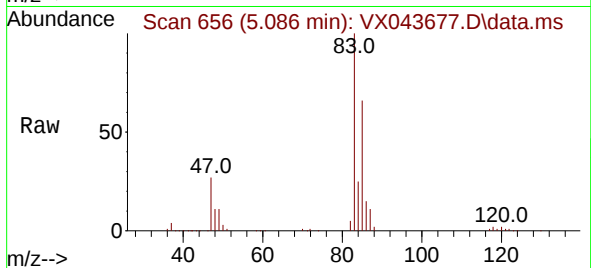
ClientSampleId :

Tgt Ion: 83 Resp: 408986

Ion Ratio Lower Upper

83 100

85 65.6 44.4 82.4



#27

1,2-Dichloroethane

Concen: 106.891 ug/L

RT: 6.080 min Scan# 819

Delta R.T. -0.000 min

Lab File: VX043677.D

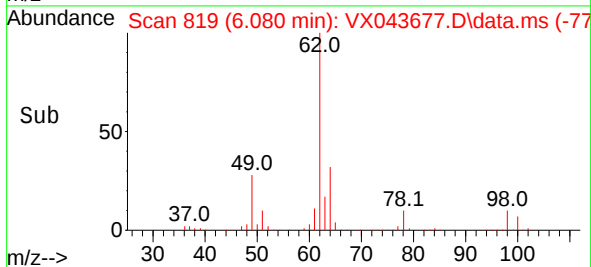
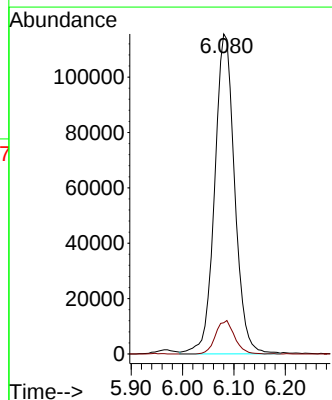
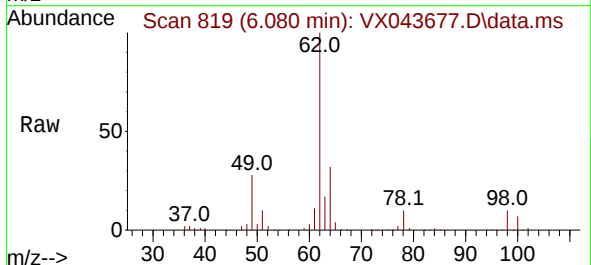
Acq: 04 Nov 2024 12:18

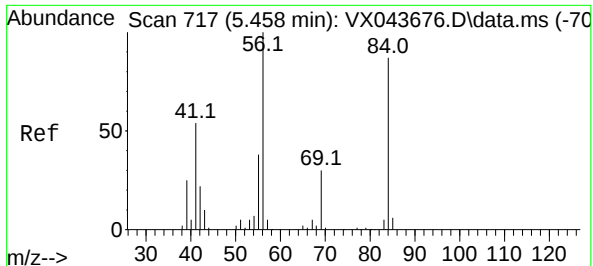
Tgt Ion: 62 Resp: 313021

Ion Ratio Lower Upper

62 100

98 9.7 9.0 13.6





#29

Cyclohexane

Concen: 107.373 ug/L

RT: 5.458 min Scan# 717

Delta R.T. -0.000 min MSVOA_X

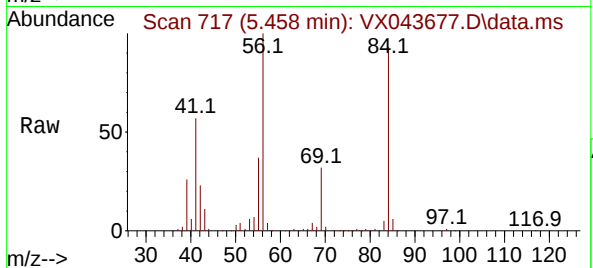
Lab File: VX043677.D

Acq: 04 Nov 2024 12:18

Instrument :

MSVOA_X

ClientSampleId :



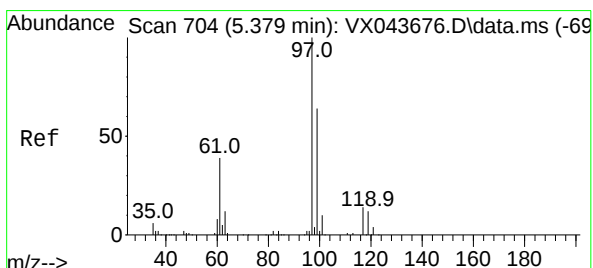
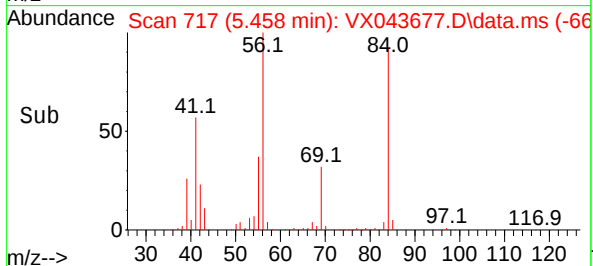
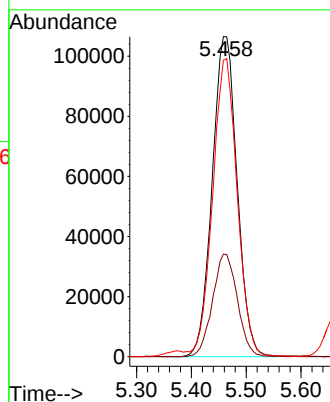
Tgt Ion: 56 Resp: 336528

Ion Ratio Lower Upper

56 100

69 31.9 25.2 37.8

84 91.1 72.9 109.3



#30

1,1,1-Trichloroethane

Concen: 108.511 ug/L

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX043677.D

Acq: 04 Nov 2024 12:18

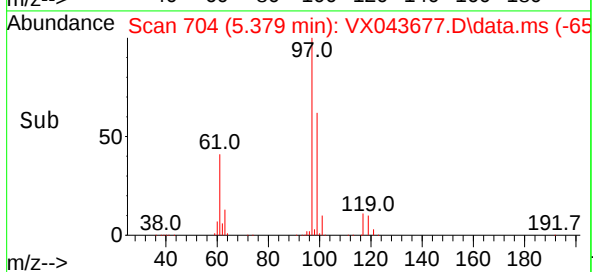
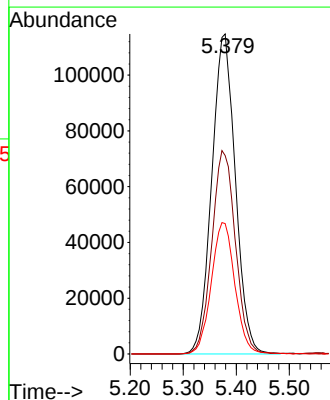
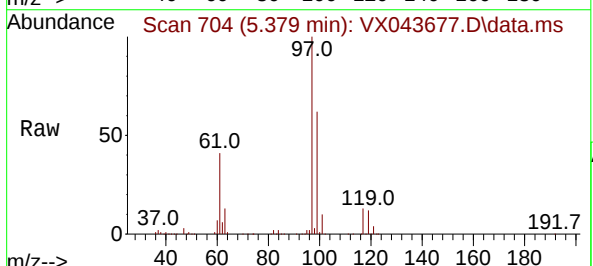
Tgt Ion: 97 Resp: 355061

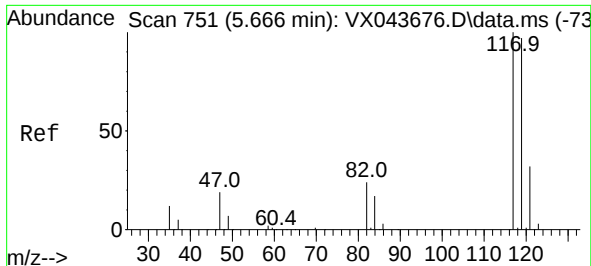
Ion Ratio Lower Upper

97 100

99 63.7 51.0 76.6

61 41.0 32.6 49.0

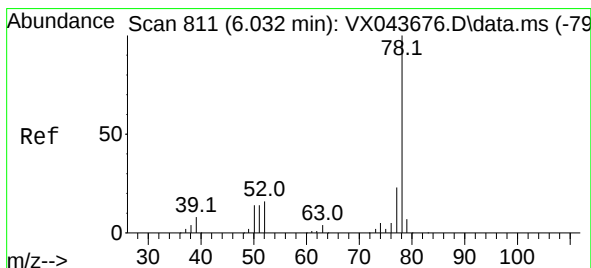
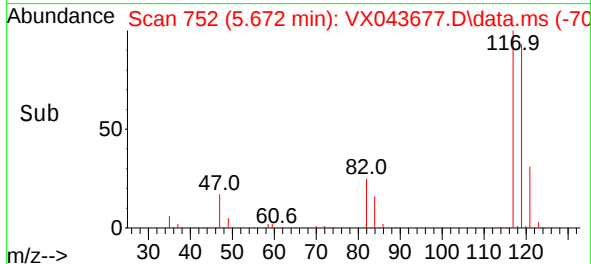
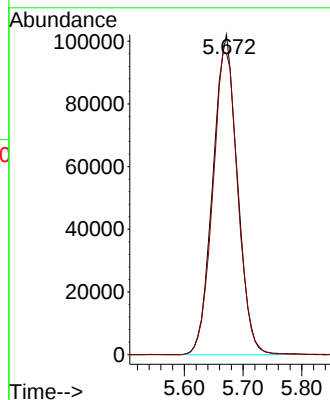
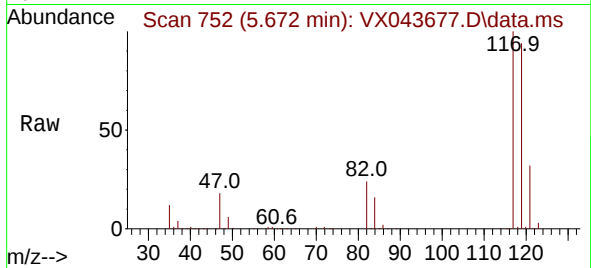




#31
Carbon tetrachloride
Concen: 110.348 ug/L
RT: 5.672 min Scan# 751
Delta R.T. 0.006 min
Lab File: VX043677.D
Acq: 04 Nov 2024 12:18

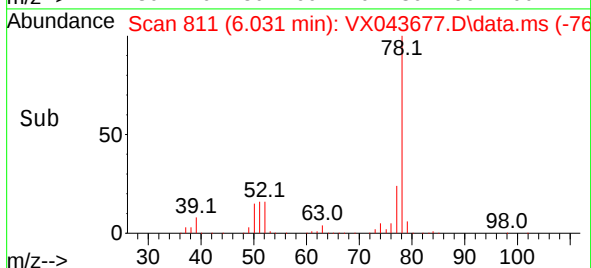
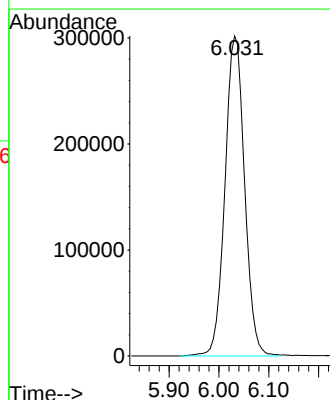
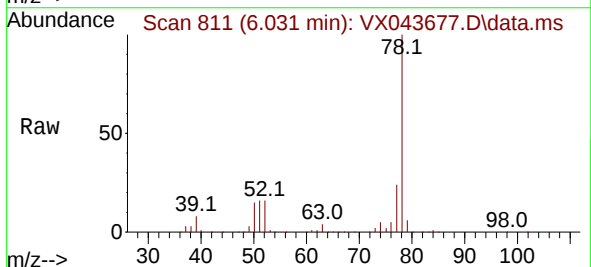
Instrument :
MSVOA_X
ClientSampleId :

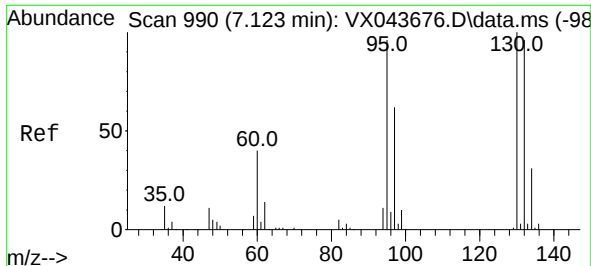
Tgt Ion:117 Resp: 296217
Ion Ratio Lower Upper
117 100
119 97.0 77.4 116.0



#33
Benzene
Concen: 107.108 ug/L
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX043677.D
Acq: 04 Nov 2024 12:18

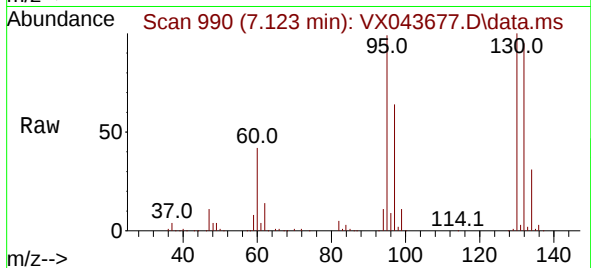
Tgt Ion: 78 Resp: 824635



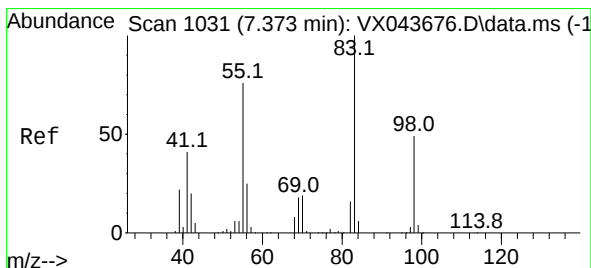
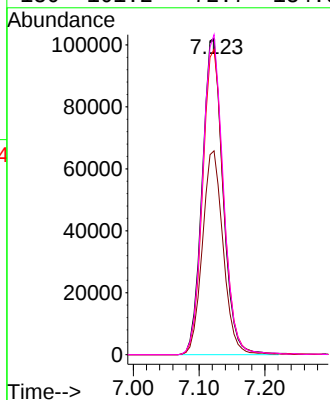
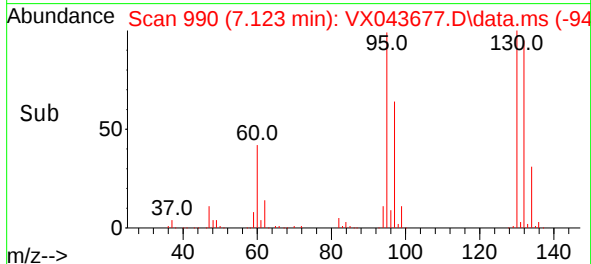


#34
Trichloroethene
Concen: 108.083 ug/L
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX043677.D
Acq: 04 Nov 2024 12:18

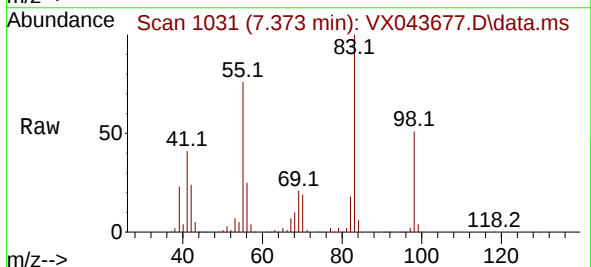
Instrument :
MSVOA_X
ClientSampleId :



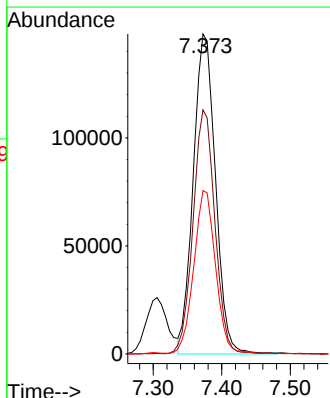
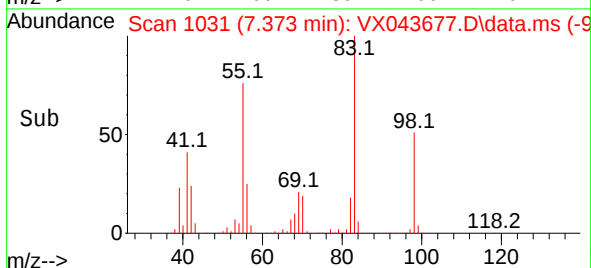
Tgt Ion: 95 Resp: 223715
Ion Ratio Lower Upper
95 100
97 64.5 45.4 84.2
132 96.6 69.7 129.5
130 101.2 72.7 134.9

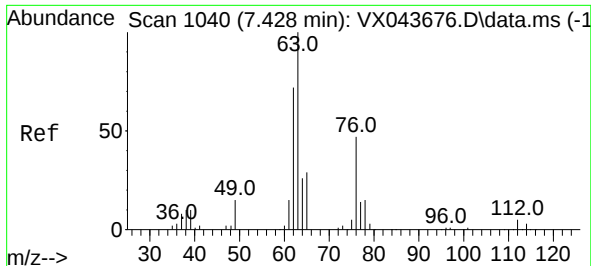


#35
Methylcyclohexane
Concen: 108.107 ug/L
RT: 7.373 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX043677.D
Acq: 04 Nov 2024 12:18



Tgt Ion: 83 Resp: 334315
Ion Ratio Lower Upper
83 100
55 74.9 58.6 88.0
98 49.8 39.0 58.4





#37

1,2-Dichloropropane

Concen: 105.729 ug/L

RT: 7.427 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX043677.D

Acq: 04 Nov 2024 12:18

Instrument :

MSVOA_X

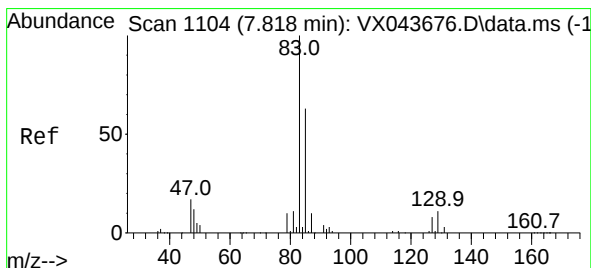
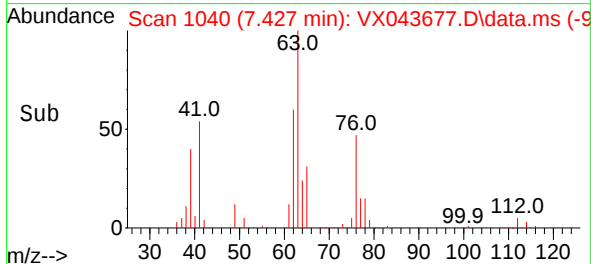
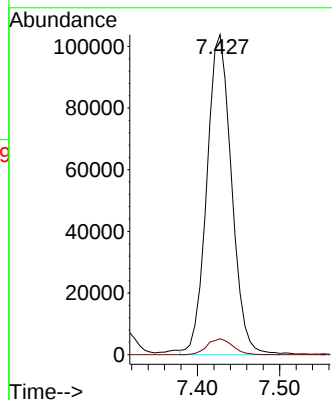
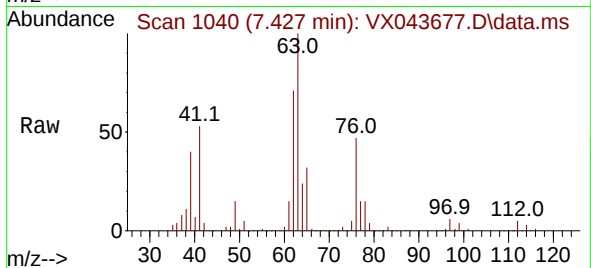
ClientSampleId :

Tgt Ion: 63 Resp: 216835

Ion Ratio Lower Upper

63 100

112 5.1 3.8 5.8



#38

Bromodichloromethane

Concen: 110.242 ug/L

RT: 7.818 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VX043677.D

Acq: 04 Nov 2024 12:18

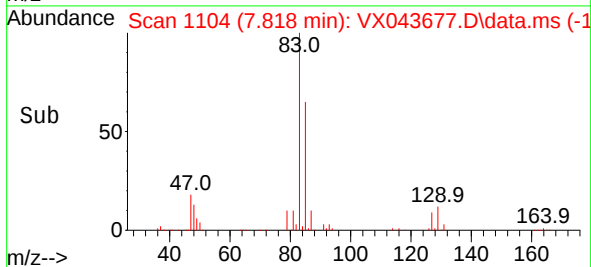
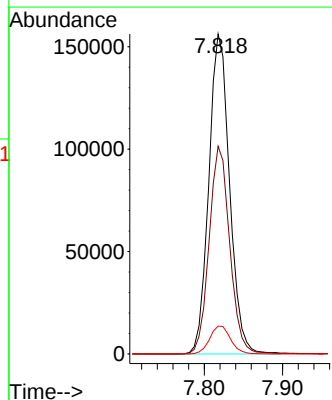
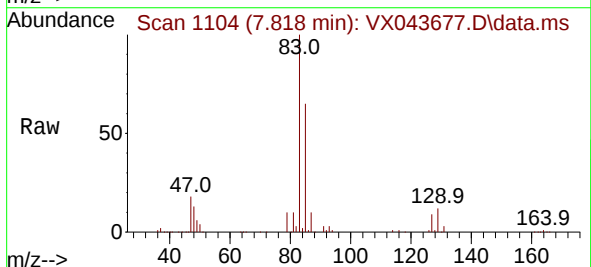
Tgt Ion: 83 Resp: 287566

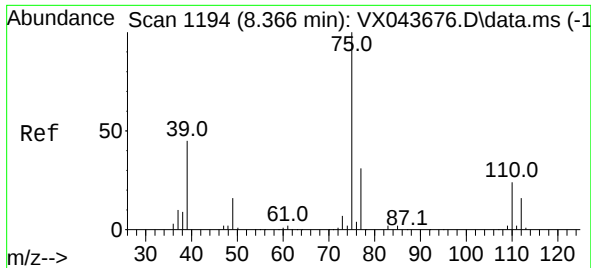
Ion Ratio Lower Upper

83 100

85 64.9 43.8 81.3

127 8.7 6.8 10.2

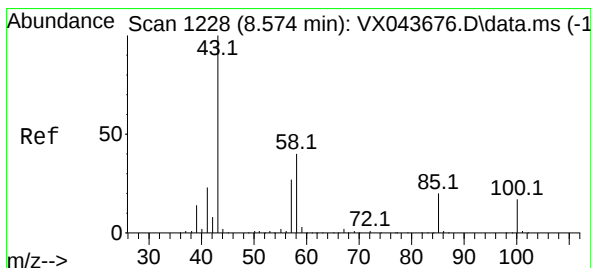
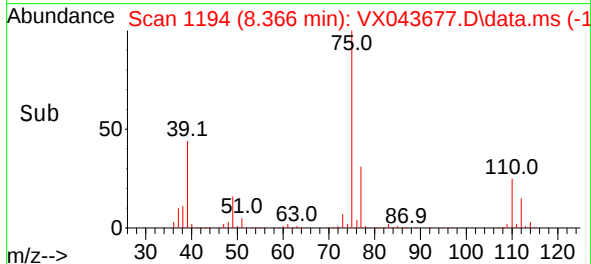
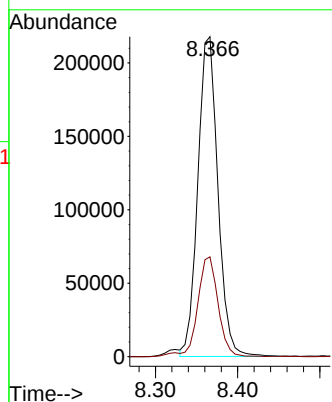
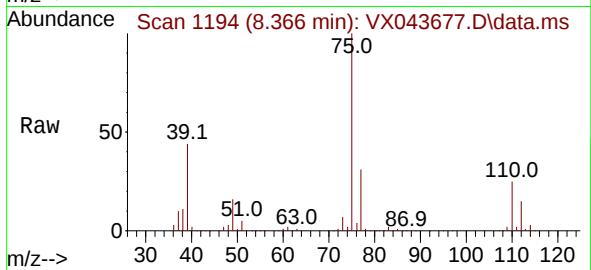




#39
 cis-1,3-Dichloropropene
 Concen: 111.979 ug/L
 RT: 8.366 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: VX043677.D
 Acq: 04 Nov 2024 12:18

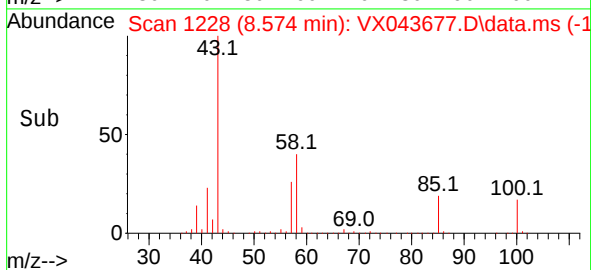
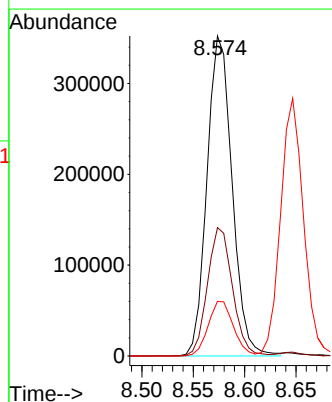
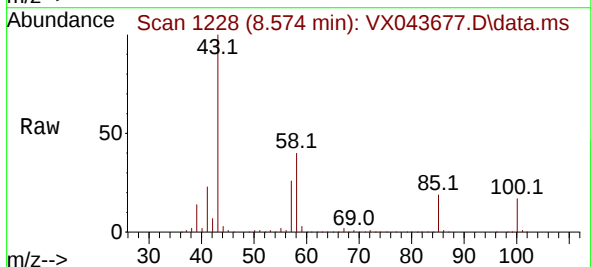
Instrument :
 MSVOA_X
 ClientSampleId :

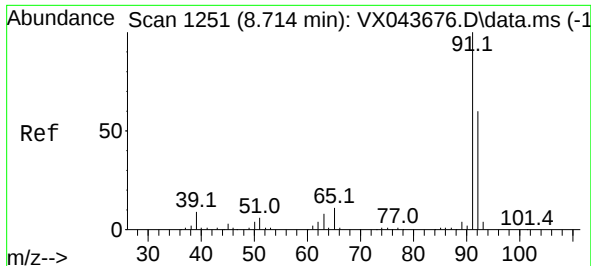
Tgt Ion: 75 Resp: 368966
 Ion Ratio Lower Upper
 75 100
 77 31.2 21.7 40.3



#40
 4-Methyl-2-pentanone
 Concen: 214.514 ug/L
 RT: 8.574 min Scan# 1228
 Delta R.T. -0.000 min
 Lab File: VX043677.D
 Acq: 04 Nov 2024 12:18

Tgt Ion: 43 Resp: 598794
 Ion Ratio Lower Upper
 43 100
 58 39.8 31.6 47.4
 100 17.1 13.8 20.6





#42

Toluene

Concen: 105.181 ug/L

RT: 8.714 min Scan# 1251

Delta R.T. -0.000 min

Lab File: VX043677.D

Acq: 04 Nov 2024 12:18

Instrument :

MSVOA_X

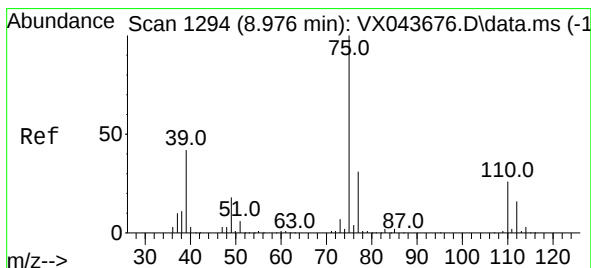
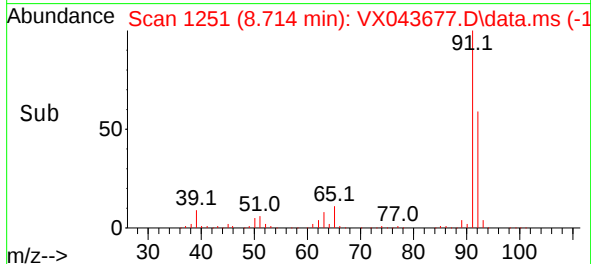
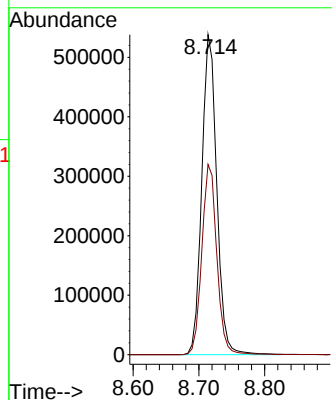
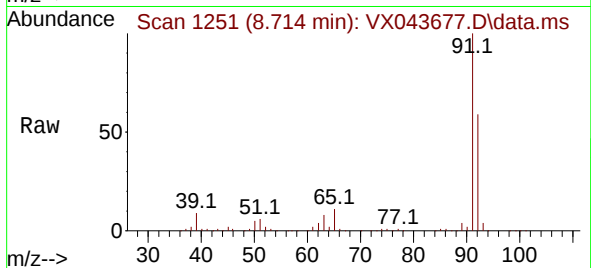
ClientSampleId :

Tgt Ion: 91 Resp: 851750

Ion Ratio Lower Upper

91 100

92 59.4 41.6 77.3



#44

trans-1,3-Dichloropropene

Concen: 110.433 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX043677.D

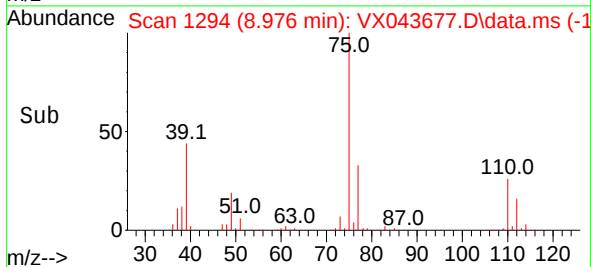
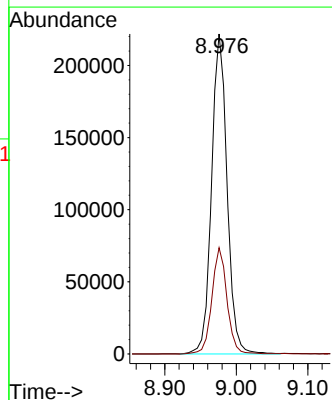
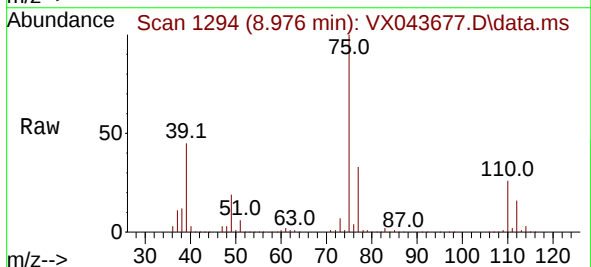
Acq: 04 Nov 2024 12:18

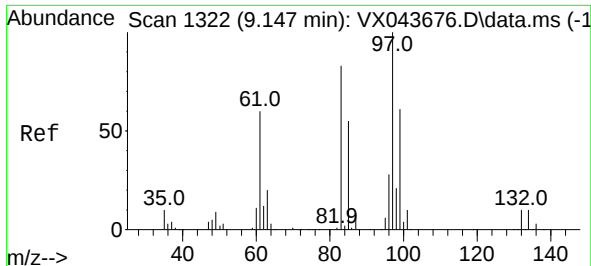
Tgt Ion: 75 Resp: 334436

Ion Ratio Lower Upper

75 100

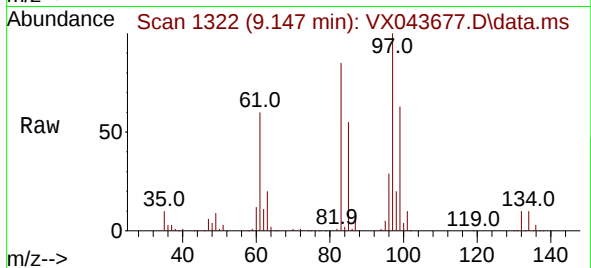
77 33.2 21.8 40.4





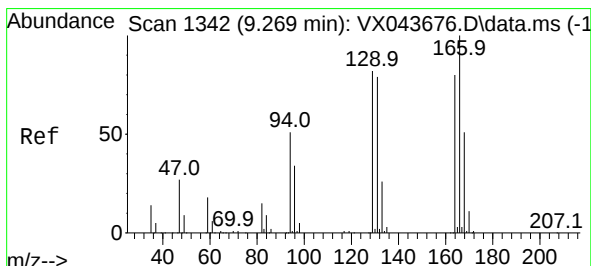
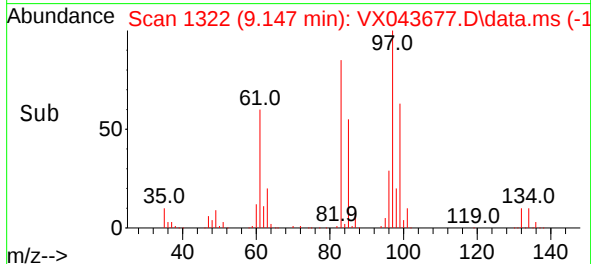
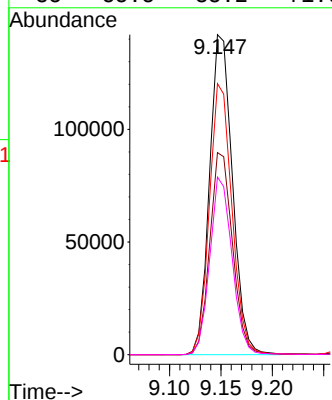
#45
1,1,2-Trichloroethane
Concen: 105.029 ug/L
RT: 9.147 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VX043677.D
Acq: 04 Nov 2024 12:18

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 97 Resp: 220879

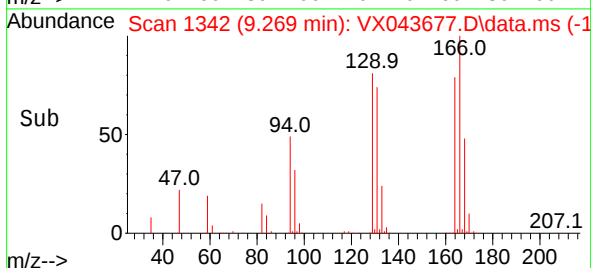
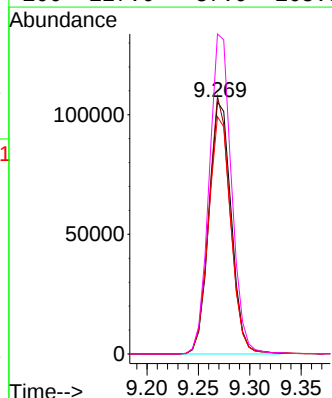
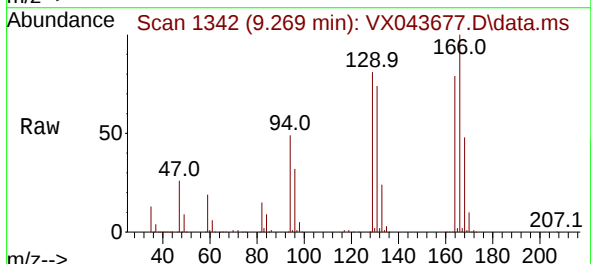
Ion	Ratio	Lower	Upper
97	100		
99	63.1	42.8	79.4
83	84.7	58.4	108.4
85	55.5	38.2	71.0

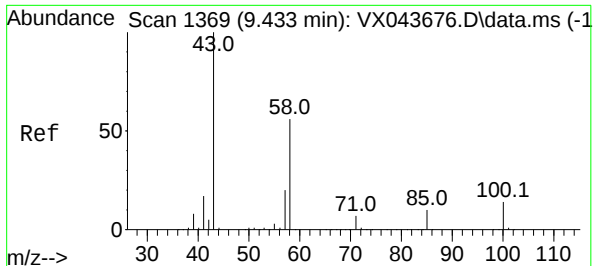


#46
Tetrachloroethene
Concen: 106.569 ug/L
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX043677.D
Acq: 04 Nov 2024 12:18

Tgt Ion: 164 Resp: 158775

Ion	Ratio	Lower	Upper
164	100		
129	102.2	72.2	134.2
131	94.2	69.0	128.2
166	127.0	87.9	163.3





#48

2-Hexanone

Concen: 212.329 ug/L

RT: 9.433 min Scan# 1369

Delta R.T. -0.000 min

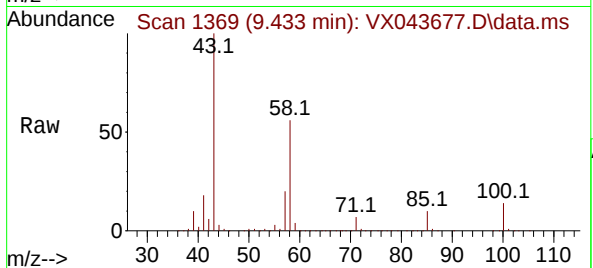
Lab File: VX043677.D

Acq: 04 Nov 2024 12:18

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 43 Resp: 443036

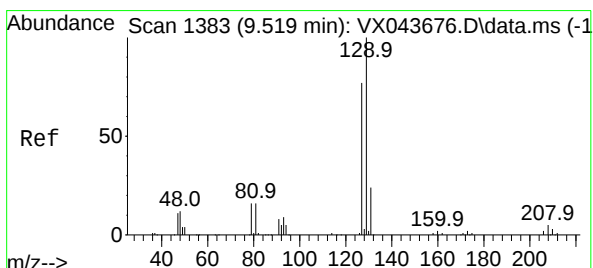
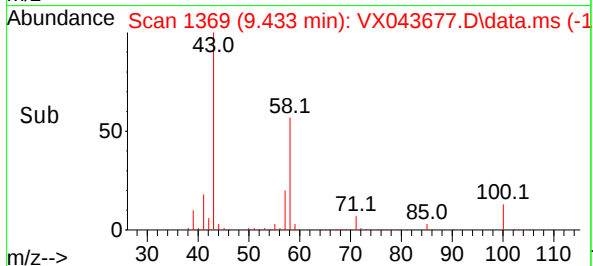
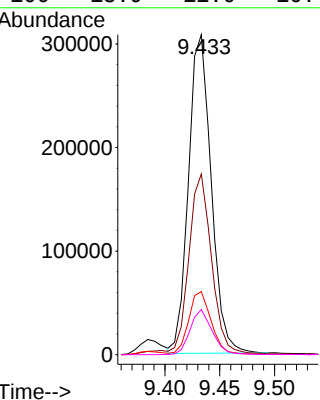
Ion Ratio Lower Upper

43 100

58 56.3 44.6 67.0

57 19.9 15.7 23.5

100 13.9 11.0 16.4



#49

Dibromochloromethane

Concen: 113.473 ug/L

RT: 9.519 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX043677.D

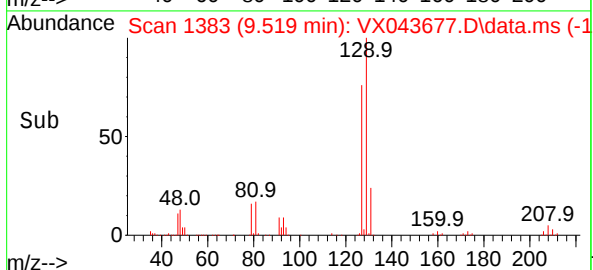
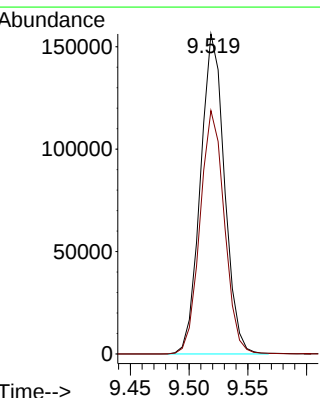
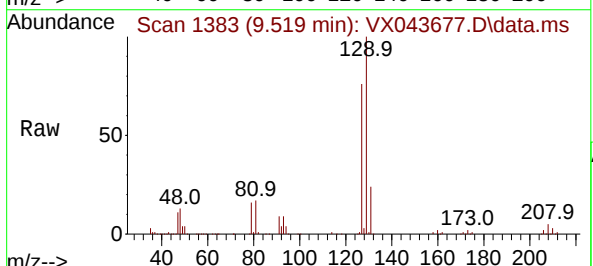
Acq: 04 Nov 2024 12:18

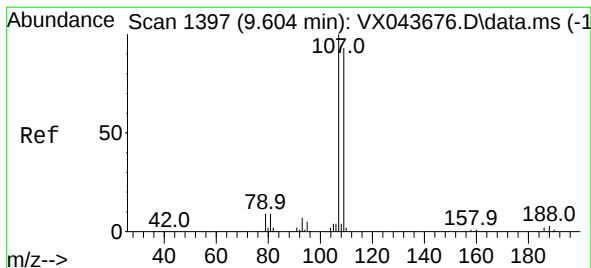
Tgt Ion:129 Resp: 222428

Ion Ratio Lower Upper

129 100

127 76.1 54.2 100.6





#50

1,2-Dibromoethane

Concen: 105.464 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. 0.006 min

Lab File: VX043677.D

Acq: 04 Nov 2024 12:18

Instrument :

MSVOA_X

ClientSampleId :

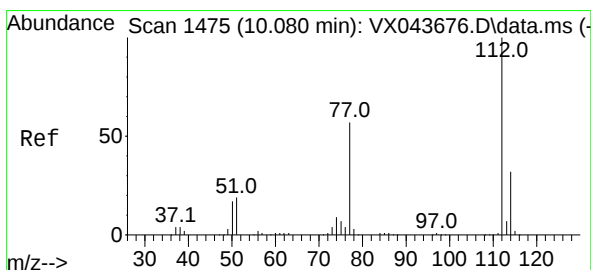
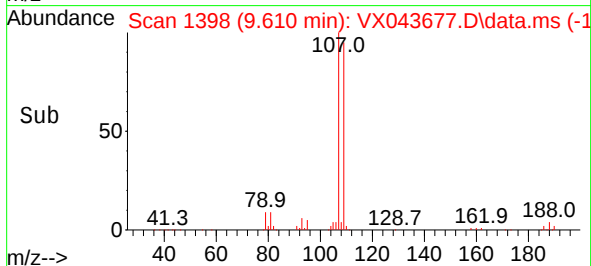
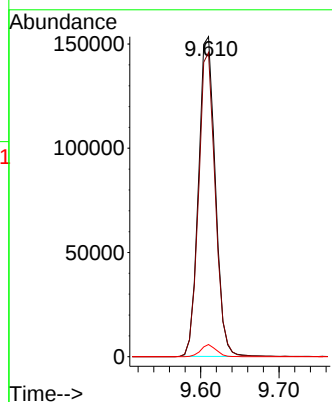
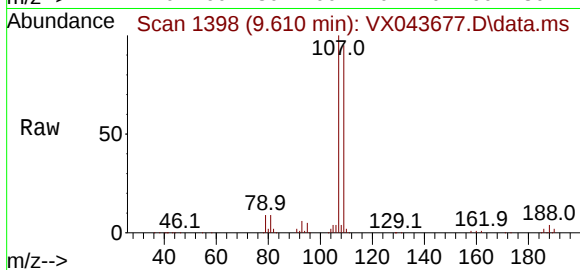
Tgt Ion:107 Resp: 229006

Ion Ratio Lower Upper

107 100

109 95.0 64.9 120.5

188 3.8 2.6 4.0



#51

Chlorobenzene

Concen: 104.508 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX043677.D

Acq: 04 Nov 2024 12:18

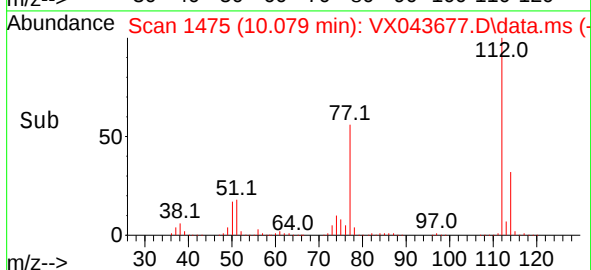
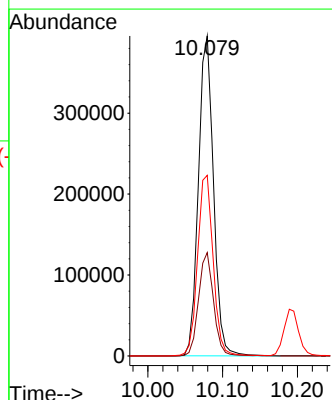
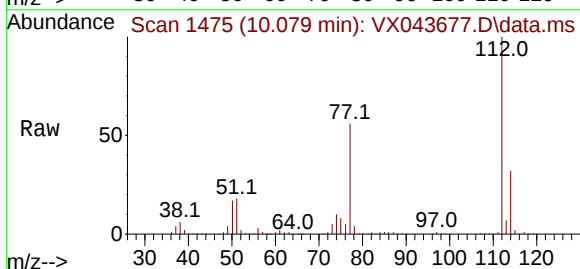
Tgt Ion:112 Resp: 553095

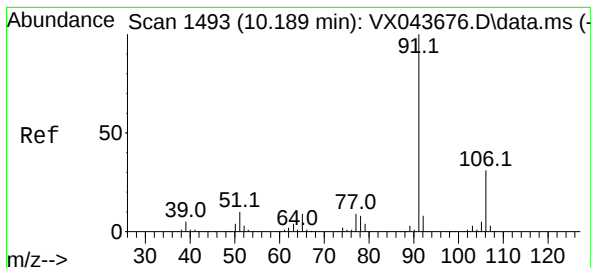
Ion Ratio Lower Upper

112 100

114 32.3 22.6 42.0

77 56.5 45.9 68.9

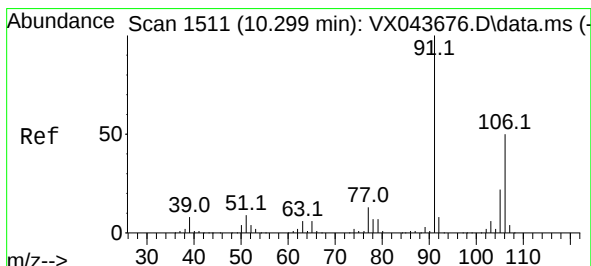
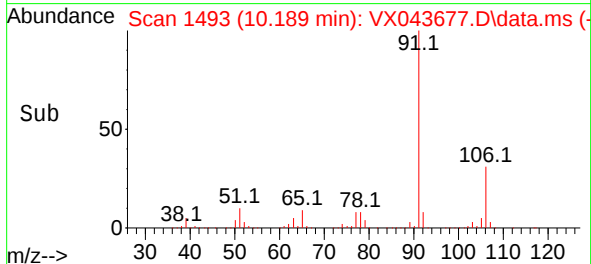
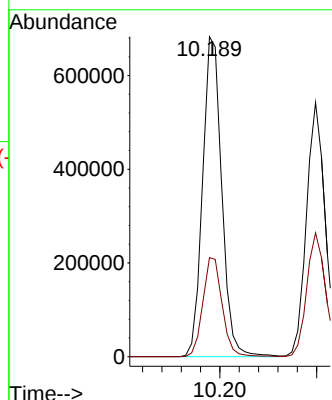
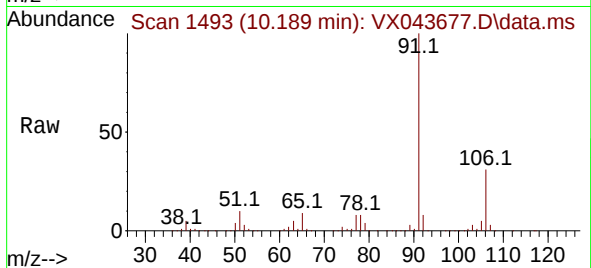




#52
Ethylbenzene
Concen: 106.905 ug/L
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX043677.D
Acq: 04 Nov 2024 12:18

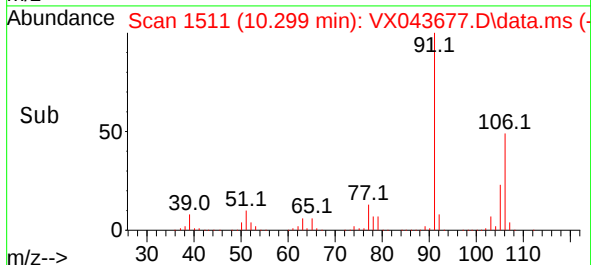
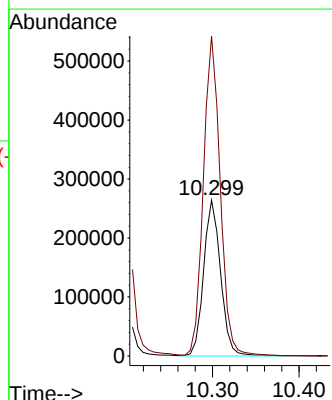
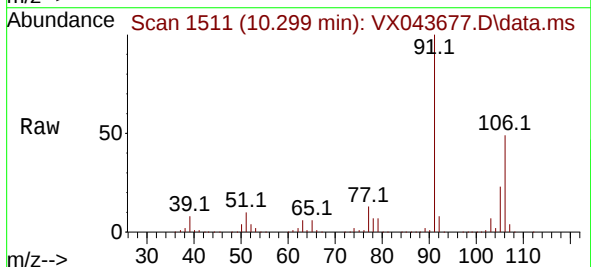
Instrument :
MSVOA_X
ClientSampleId :

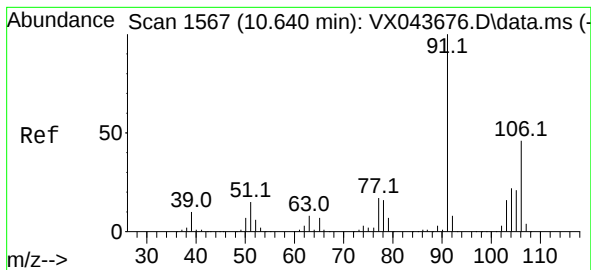
Tgt Ion: 91 Resp: 941007
Ion Ratio Lower Upper
91 100
106 31.0 21.9 40.7



#53
m,p-Xylene
Concen: 105.770 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX043677.D
Acq: 04 Nov 2024 12:18

Tgt Ion:106 Resp: 359392
Ion Ratio Lower Upper
106 100
91 205.4 140.6 261.2





#54

o-Xylene

Concen: 105.981 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX043677.D

Acq: 04 Nov 2024 12:18

Instrument :

MSVOA_X

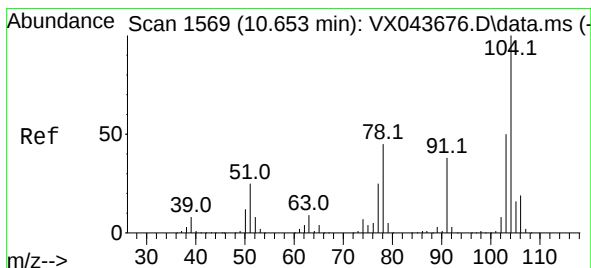
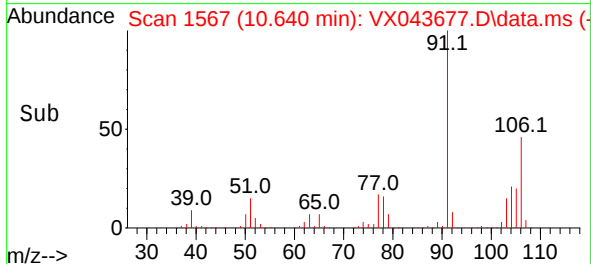
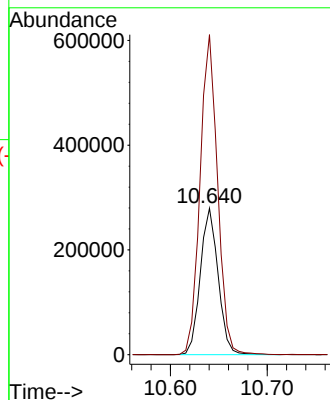
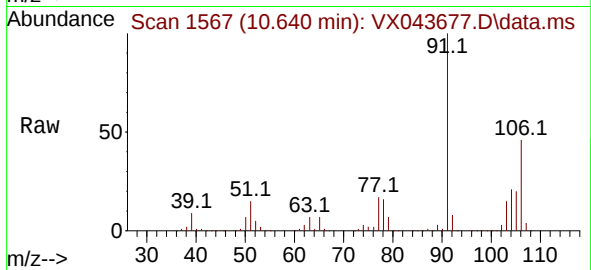
ClientSampleId :

Tgt Ion:106 Resp: 359010

Ion Ratio Lower Upper

106 100

91 218.5 151.9 282.1



#55

Styrene

Concen: 108.862 ug/L

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX043677.D

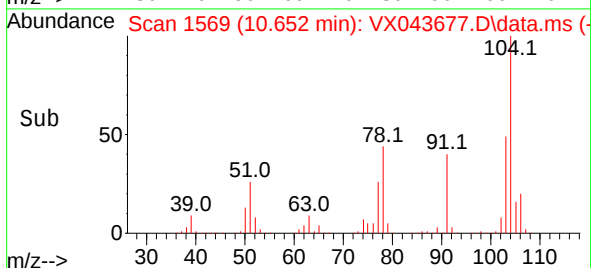
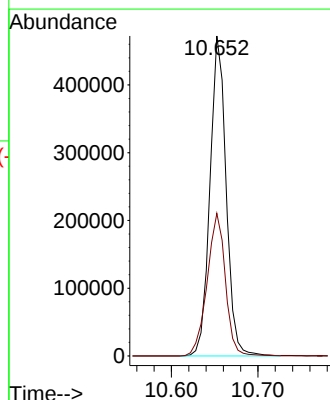
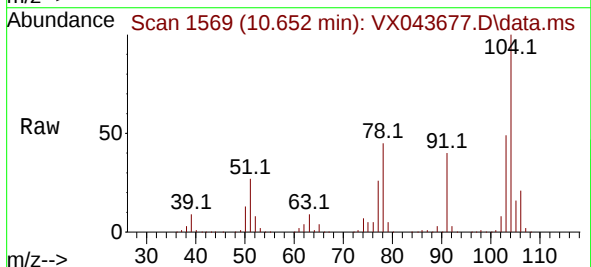
Acq: 04 Nov 2024 12:18

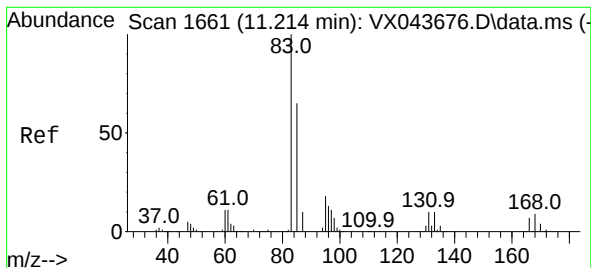
Tgt Ion:104 Resp: 613444

Ion Ratio Lower Upper

104 100

78 44.5 31.6 58.6





#57

1,1,2,2-Tetrachloroethane

Concen: 105.003 ug/L

RT: 11.213 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX043677.D

Acq: 04 Nov 2024 12:18

Instrument :

MSVOA_X

ClientSampleId :

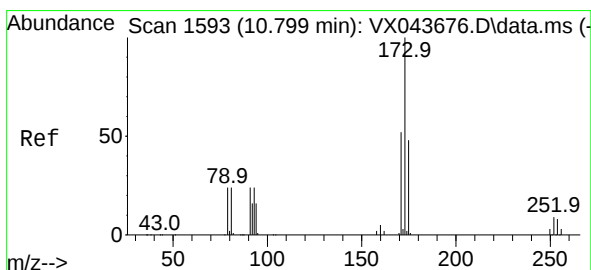
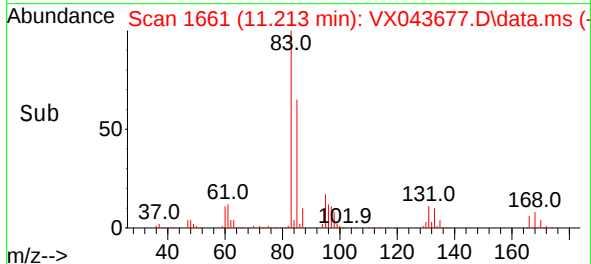
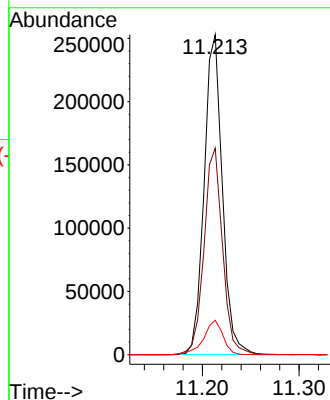
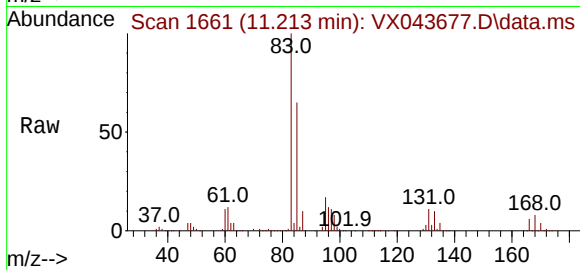
Tgt Ion: 83 Resp: 330730

Ion Ratio Lower Upper

83 100

85 64.5 45.2 84.0

131 10.7 8.3 12.5



#59

Bromoform

Concen: 111.953 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX043677.D

Acq: 04 Nov 2024 12:18

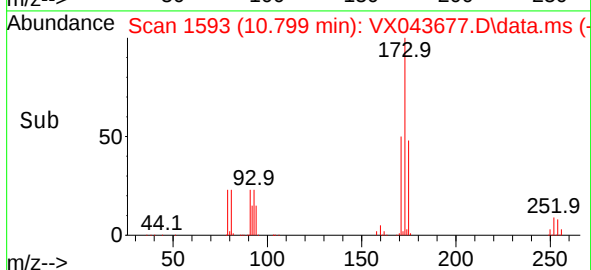
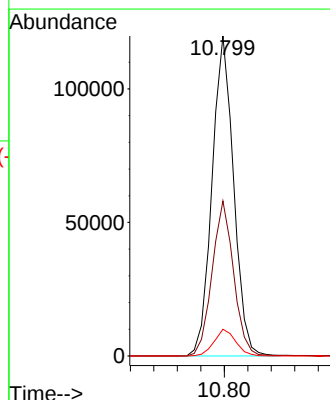
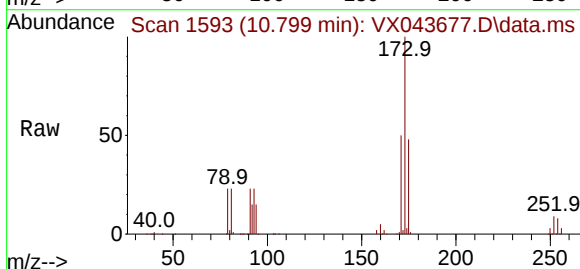
Tgt Ion:173 Resp: 152637

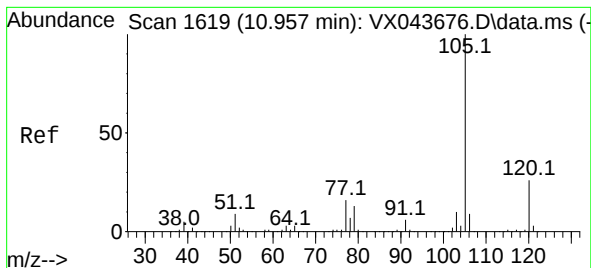
Ion Ratio Lower Upper

173 100

175 48.3 37.0 55.6

254 8.4 6.4 9.6





#60

Isopropylbenzene

Concen: 103.243 ug/L

RT: 10.963 min Scan# 1620

Delta R.T. 0.006 min

Lab File: VX043677.D

Acq: 04 Nov 2024 12:18

Instrument :

MSVOA_X

ClientSampleId :

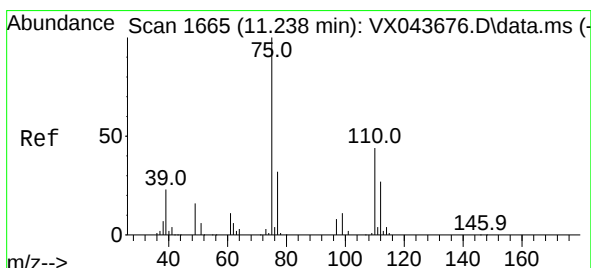
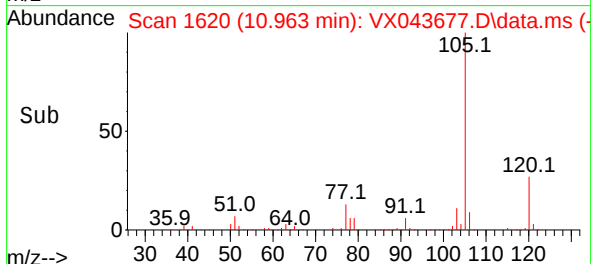
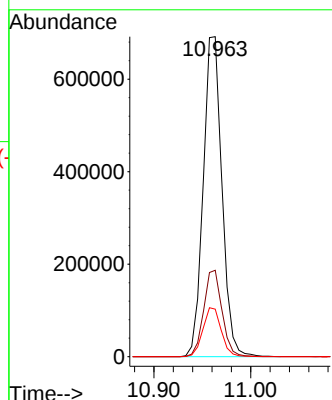
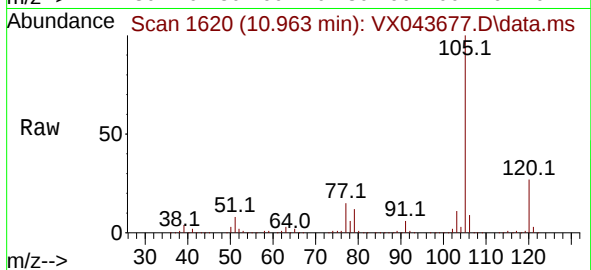
Tgt Ion:105 Resp: 933112

Ion Ratio Lower Upper

105 100

120 26.5 21.1 31.7

77 15.1 12.3 18.5



#61

1,2,3-Trichloropropane

Concen: 100.879 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX043677.D

Acq: 04 Nov 2024 12:18

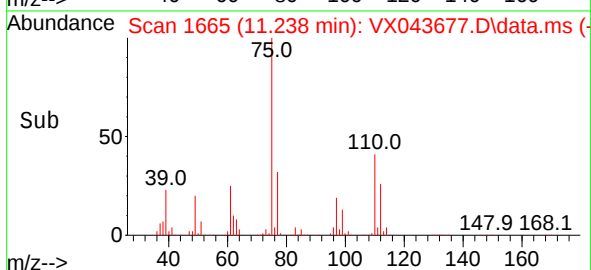
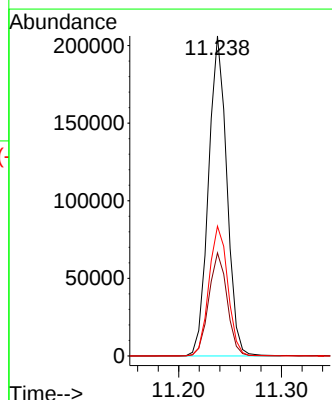
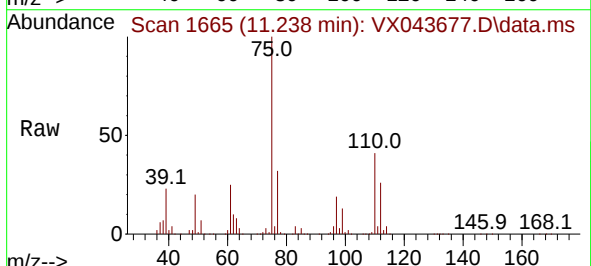
Tgt Ion: 75 Resp: 255234

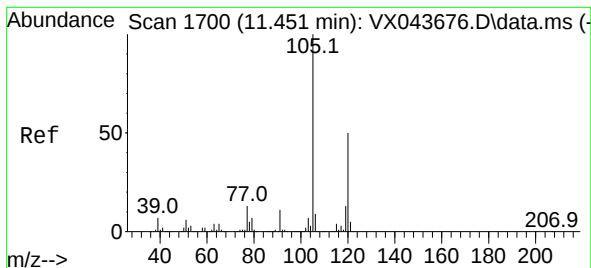
Ion Ratio Lower Upper

75 100

77 32.3 25.4 38.0

110 41.8 33.6 50.4





#62

1,3,5-Trimethylbenzene

Concen: 104.896 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX043677.D

Acq: 04 Nov 2024 12:18

Instrument :

MSVOA_X

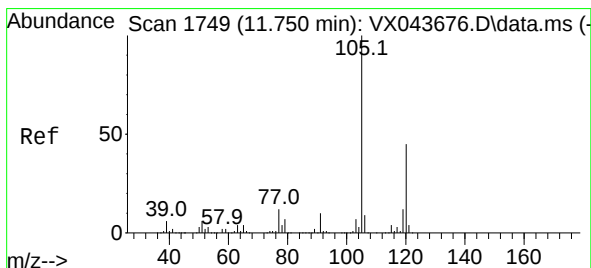
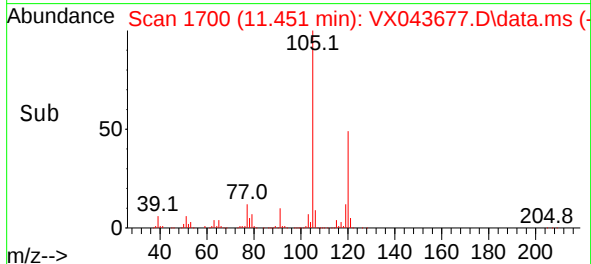
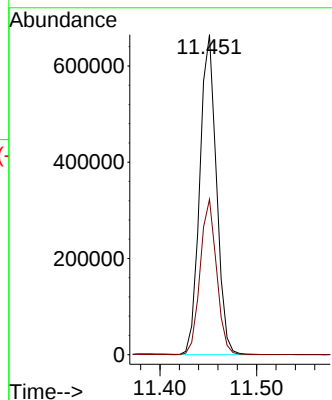
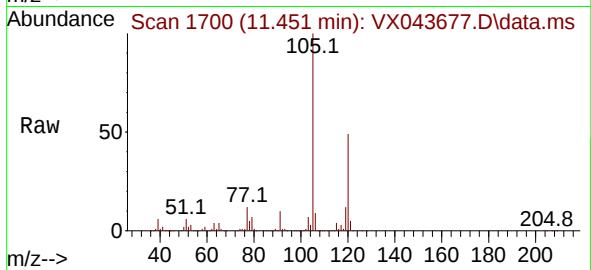
ClientSampleId :

Tgt Ion:105 Resp: 796878

Ion Ratio Lower Upper

105 100

120 47.7 39.4 59.2



#63

1,2,4-Trimethylbenzene

Concen: 105.026 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX043677.D

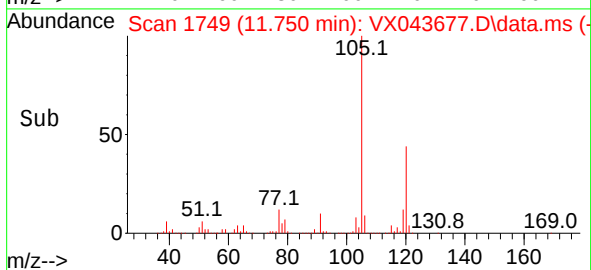
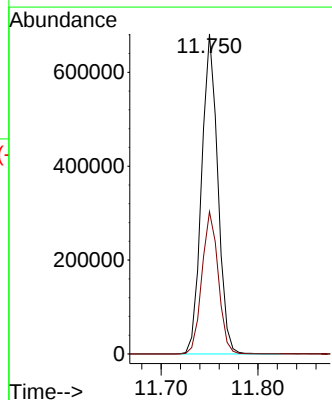
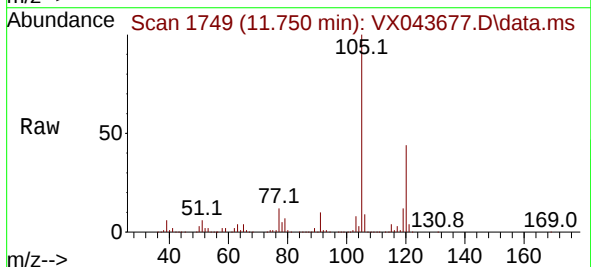
Acq: 04 Nov 2024 12:18

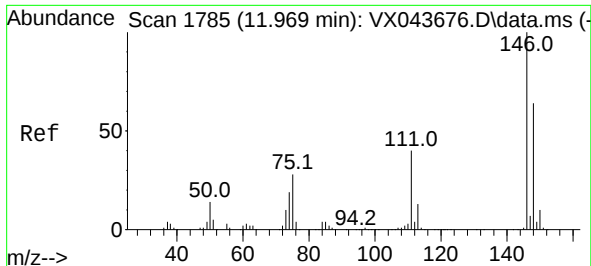
Tgt Ion:105 Resp: 794415

Ion Ratio Lower Upper

105 100

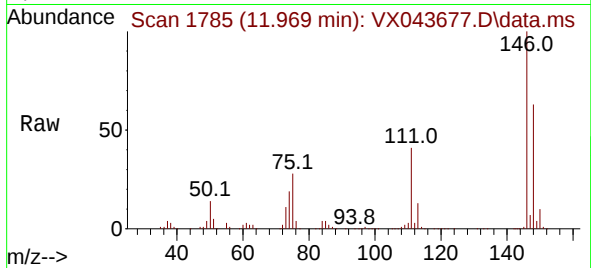
120 44.8 35.7 53.5



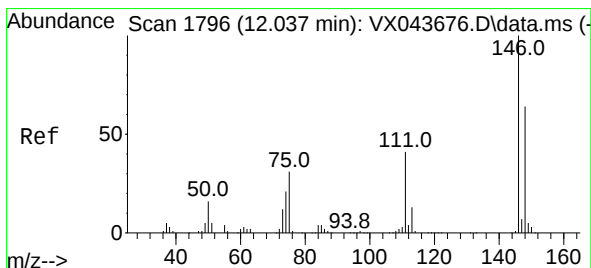
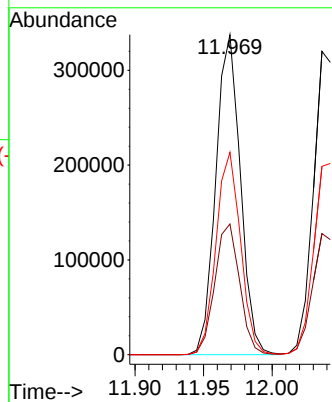
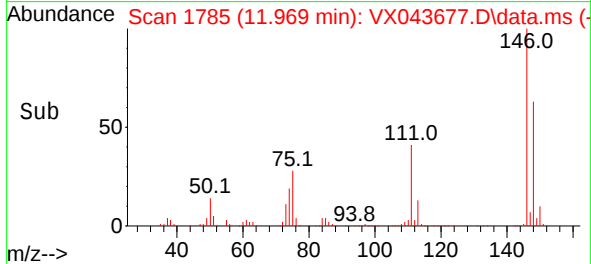


#64
1,3-Dichlorobenzene
Concen: 105.996 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX043677.D
Acq: 04 Nov 2024 12:18

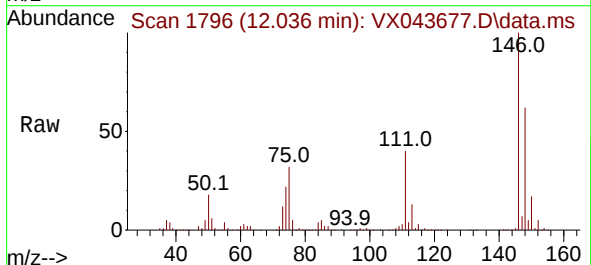
Instrument :
MSVOA_X
ClientSampleId :



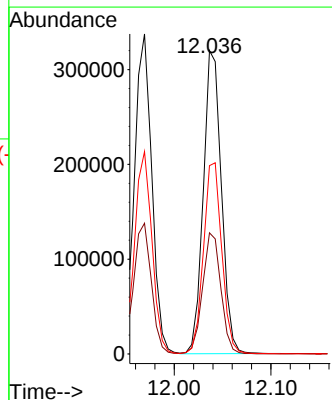
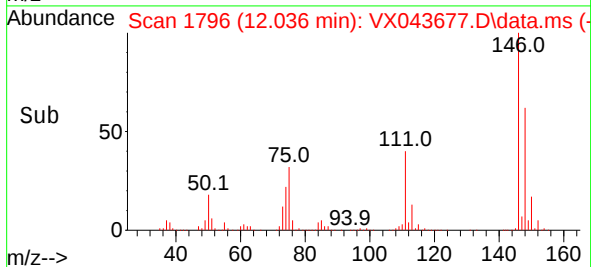
Tgt Ion:146 Resp: 421393
Ion Ratio Lower Upper
146 100
111 40.9 28.3 52.5
148 63.3 45.1 83.9

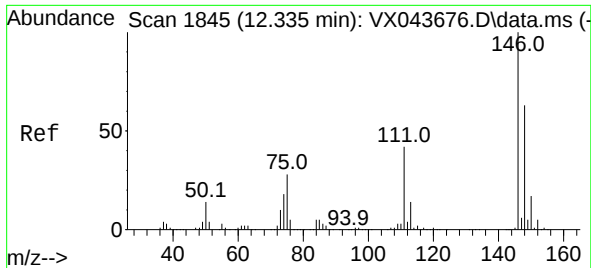


#65
1,4-Dichlorobenzene
Concen: 104.114 ug/L
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX043677.D
Acq: 04 Nov 2024 12:18



Tgt Ion:146 Resp: 416892
Ion Ratio Lower Upper
146 100
111 39.9 28.9 53.7
148 62.1 45.0 83.6





#67

1,2-Dichlorobenzene

Concen: 104.022 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX043677.D

Acq: 04 Nov 2024 12:18

Instrument :

MSVOA_X

ClientSampleId :

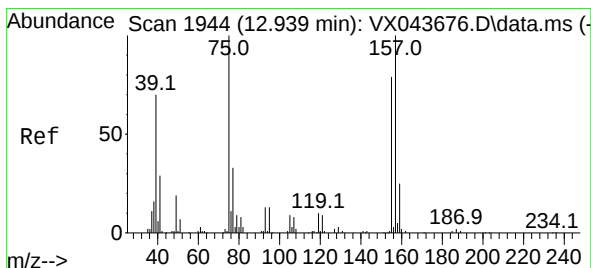
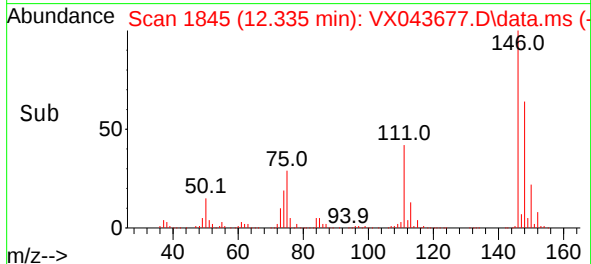
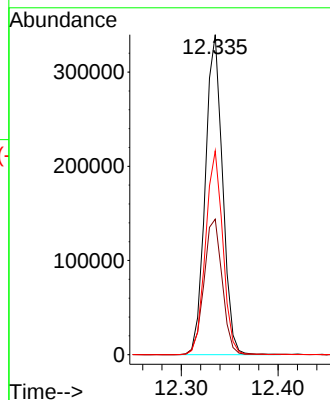
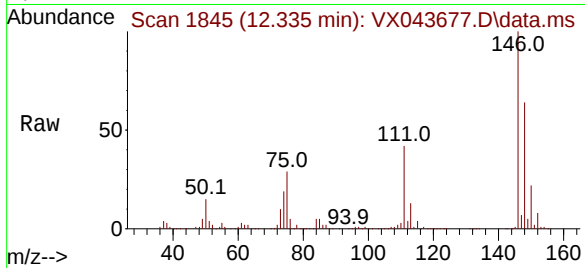
Tgt Ion:146 Resp: 422607

Ion Ratio Lower Upper

146 100

111 42.3 33.9 50.9

148 63.7 50.6 76.0



#68

1,2-Dibromo-3-chloropropane

Concen: 110.380 ug/L

RT: 12.939 min Scan# 1944

Delta R.T. -0.000 min

Lab File: VX043677.D

Acq: 04 Nov 2024 12:18

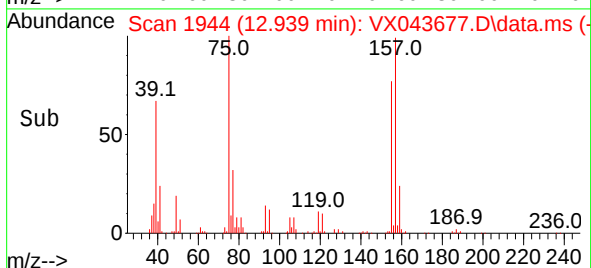
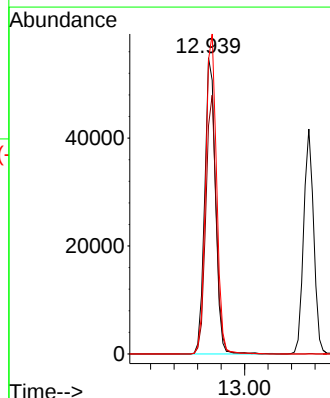
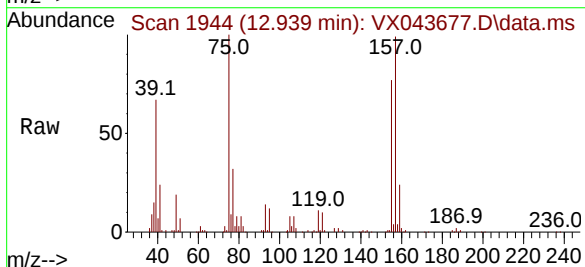
Tgt Ion: 75 Resp: 69929

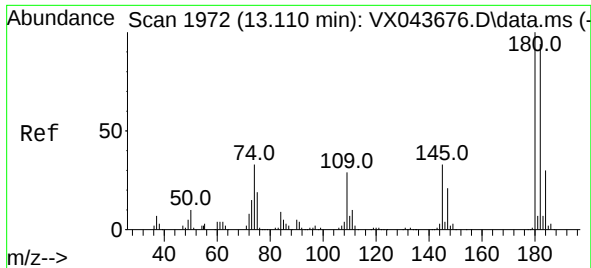
Ion Ratio Lower Upper

75 100

155 77.1 63.8 95.8

157 99.3 80.3 120.5





#69

1,3,5-Trichlorobenzene

Concen: 105.040 ug/L

RT: 13.109 min Scan# 1972

Delta R.T. -0.000 min

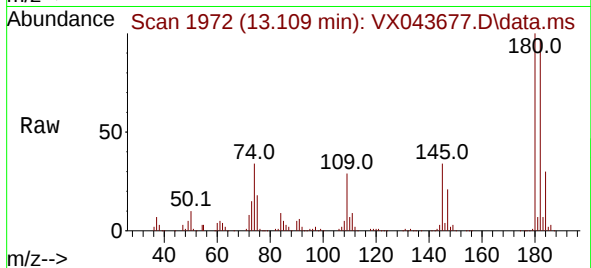
Lab File: VX043677.D

Acq: 04 Nov 2024 12:18

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 278518

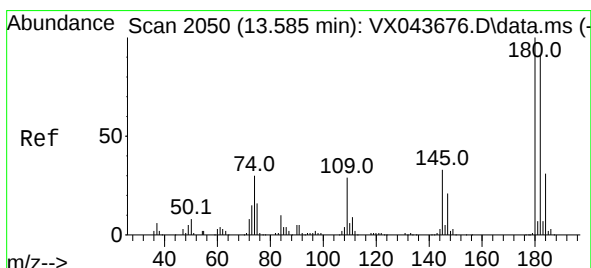
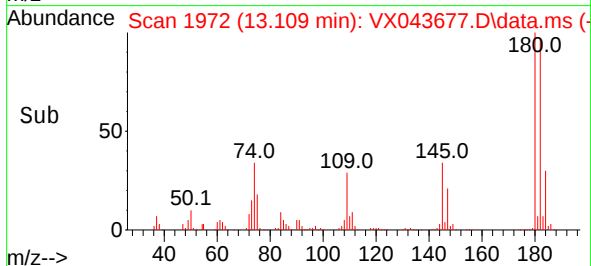
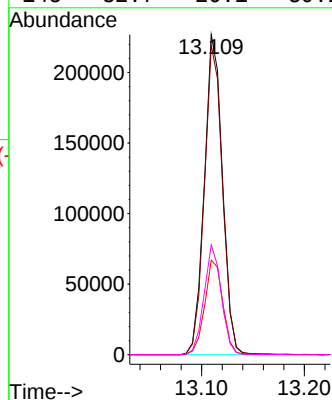
Ion Ratio Lower Upper

180 100

182 96.2 74.7 112.1

184 29.5 23.7 35.5

145 32.7 26.1 39.1



#70

1,2,4-trichlorobenzene

Concen: 108.309 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX043677.D

Acq: 04 Nov 2024 12:18

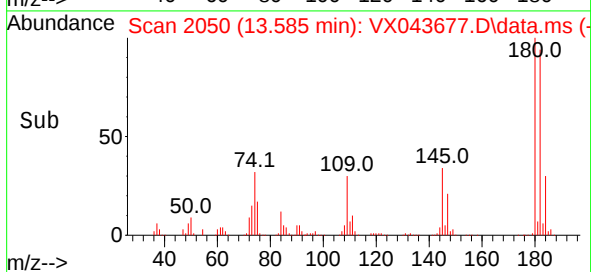
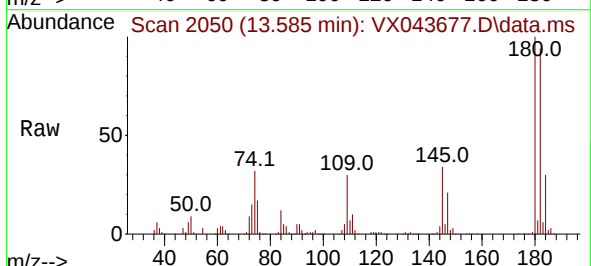
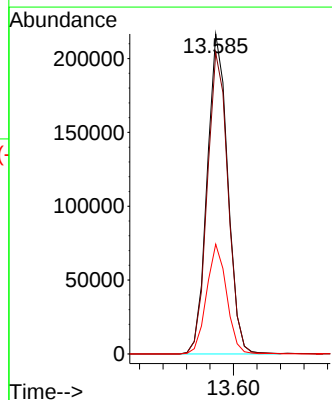
Tgt Ion:180 Resp: 263321

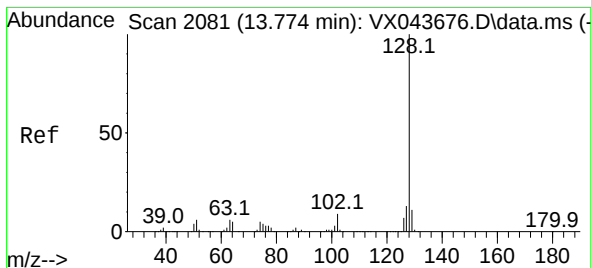
Ion Ratio Lower Upper

180 100

182 94.8 75.9 113.9

145 33.3 26.9 40.3





#71

Naphthalene

Concen: 106.608 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX043677.D

Acq: 04 Nov 2024 12:18

Instrument :

MSVOA_X

ClientSampleId :

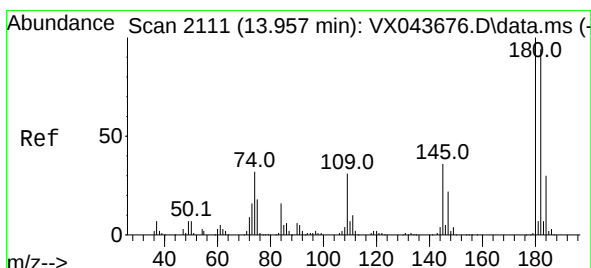
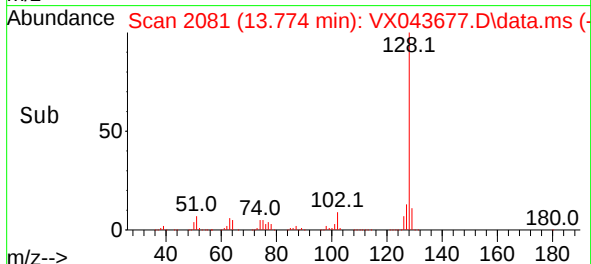
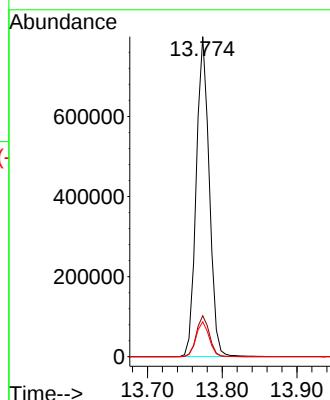
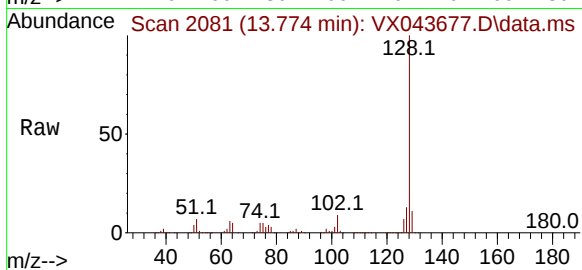
Tgt Ion:128 Resp: 962490

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

129 11.0 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 106.457 ug/L

RT: 13.957 min Scan# 2111

Delta R.T. -0.000 min

Lab File: VX043677.D

Acq: 04 Nov 2024 12:18

Tgt Ion:180 Resp: 267487

Ion Ratio Lower Upper

180 100

182 94.9 75.8 113.8

145 35.1 28.4 42.6

