

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102524\
 Data File : VX043511.D
 Acq On : 25 Oct 2024 10:11
 Operator : JC/MD
 Sample : VSTD100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 25 23:55:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML102524WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 25 23:53:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	274599	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	248552	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	120349	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	155277	103.949	ug/L	0.00
7) Chloroethane-d5	1.660	69	128027	107.021	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.306	65	74414	105.491	ug/L	0.00
21) 2-Butanone-d5	4.452	46	254773	204.752	ug/L	0.00
24) Chloroform-d	5.056	84	364777	105.583	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	240401	103.560	ug/L	0.00
32) Benzene-d6	5.970	84	659621	104.545	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.305	67	206303	105.038	ug/L	0.00
41) Toluene-d8	8.647	98	597997	103.522	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.945	79	110627	107.063	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	213336	219.004	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	304612	104.179	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	221361	101.337	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	216725	101.618	ug/L	99
3) Chloromethane	1.294	50	204156	104.074	ug/L	99
5) Vinyl chloride	1.374	62	200631	103.460	ug/L	99
6) Bromomethane	1.599	94	118287	103.341	ug/L	99
8) Chloroethane	1.685	64	120526	104.816	ug/L	99
9) Trichlorofluoromethane	1.886	101	295251	102.056	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	175238	101.150	ug/L	99
12) 1,1-Dichloroethene	2.319	96	157991	104.086	ug/L	95
13) Acetone	2.380	43	210269	185.608	ug/L	100
14) Carbon disulfide	2.514	76	395281	105.885	ug/L	99
15) Methyl Acetate	2.703	43	214924	101.915	ug/L	100
16) Methylene chloride	2.788	84	182832	103.991	ug/L	99
17) trans-1,2-Dichloroethene	3.093	96	165797	103.872	ug/L	99
18) Methyl tert-butyl Ether	3.111	73	623235	105.104	ug/L	99
19) 1,1-Dichloroethane	3.605	63	326552	103.770	ug/L	99
20) cis-1,2-Dichloroethene	4.483	96	198764	104.370	ug/L	96
22) 2-Butanone	4.550	43	309837	207.733	ug/L	100
23) Bromochloromethane	4.897	128	103867	104.105	ug/L	97
25) Chloroform	5.092	83	351286	103.103	ug/L	100
27) 1,2-Dichloroethane	6.086	62	289717	104.844	ug/L	99
29) Cyclohexane	5.470	56	286160	100.537	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	311957	101.757	ug/L	99
31) Carbon tetrachloride	5.672	117	270729	102.876	ug/L	99
33) Benzene	6.037	78	697952	102.925	ug/L	100
34) Trichloroethene	7.123	95	189948	101.986	ug/L	97
35) Methylcyclohexane	7.379	83	287727	100.398	ug/L	99
37) 1,2-Dichloropropane	7.427	63	184357	102.041	ug/L	100
38) Bromodichloromethane	7.818	83	261851	105.274	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	321458	107.636	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	589138	209.289	ug/L	100
42) Toluene	8.714	91	731647	101.927	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	305976	109.407	ug/L	96

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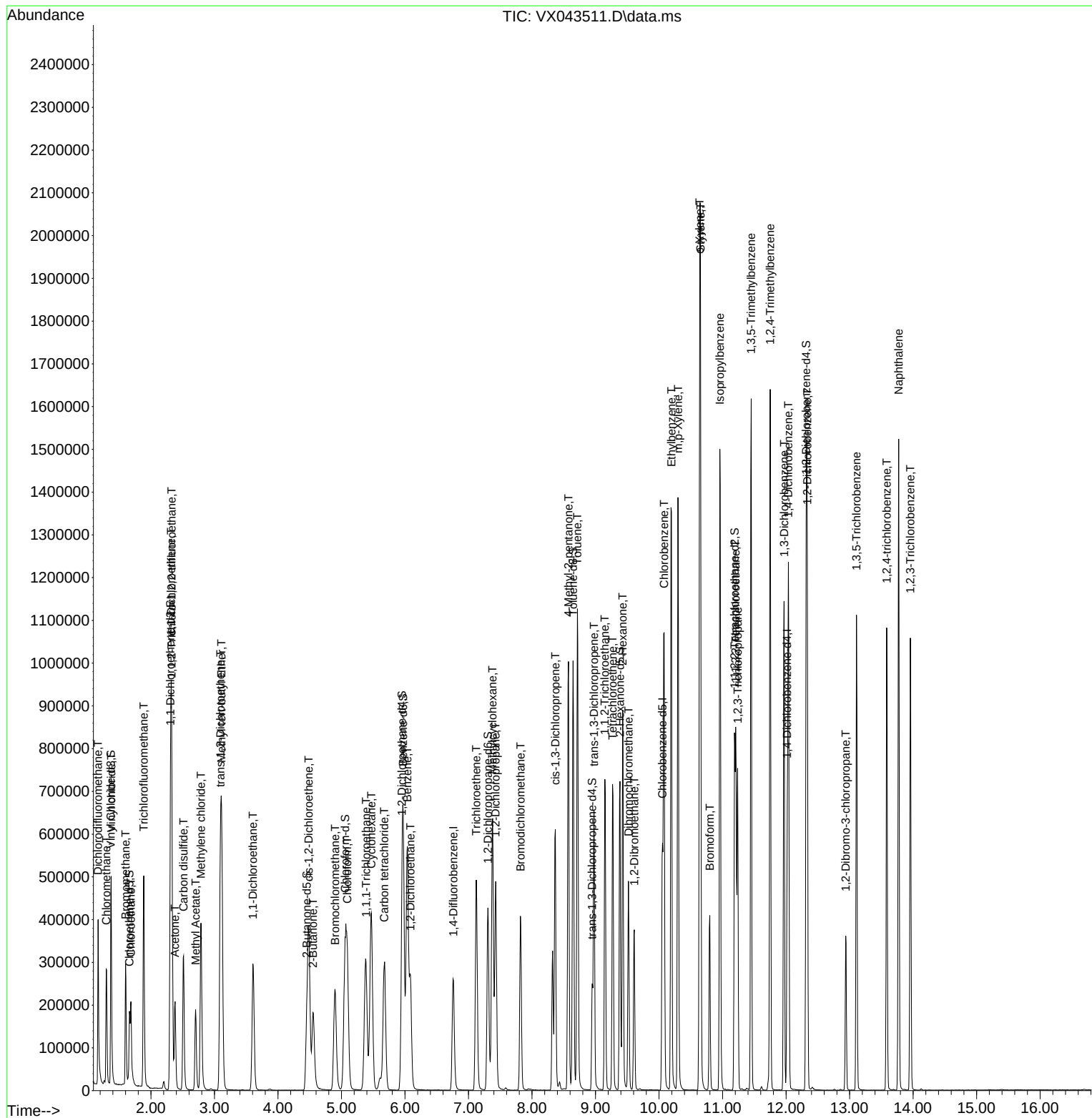
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.147	97	191837	103.130	ug/L	98
46) Tetrachloroethene	9.269	164	134483	100.738	ug/L	96
48) 2-Hexanone	9.427	43	452385	210.385	ug/L	98
49) Dibromochloromethane	9.518	129	202539	110.007	ug/L	100
50) 1,2-Dibromoethane	9.610	107	208221	104.771	ug/L	99
51) Chlorobenzene	10.079	112	479555	101.184	ug/L	98
52) Ethylbenzene	10.195	91	829305	102.982	ug/L	97
53) m,p-Xylene	10.299	106	315134	104.661	ug/L	95
54) o-Xylene	10.640	106	310196	102.863	ug/L	100
55) Styrene	10.652	104	537383	106.062	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.207	83	301170	102.603	ug/L	99
59) Bromoform	10.799	173	140362	108.130	ug/L	98
60) Isopropylbenzene	10.957	105	817560	98.873	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	235839	98.617	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	688092	101.445	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	691643	101.850	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	358790	99.964	ug/L	98
65) 1,4-Dichlorobenzene	12.036	146	363002	99.330	ug/L	96
67) 1,2-Dichlorobenzene	12.335	146	354878	99.446	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.939	75	72942	107.571	ug/L	97
69) 1,3,5-Trichlorobenzene	13.109	180	241094	99.977	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	231081	102.307	ug/L	99
71) Naphthalene	13.774	128	883303	103.577	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	229661	101.623	ug/L	99

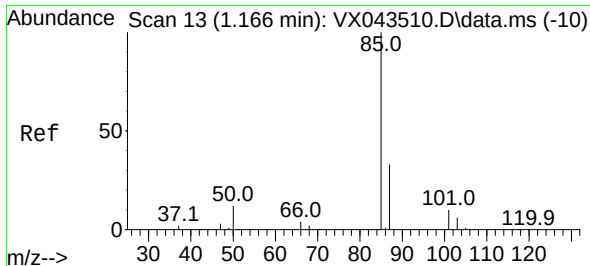
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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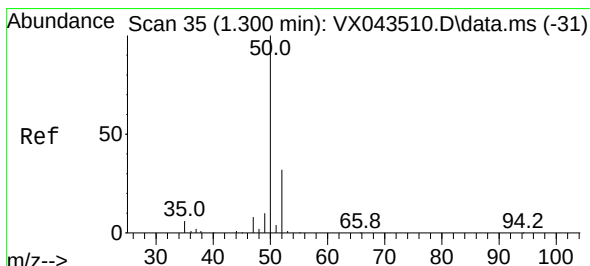
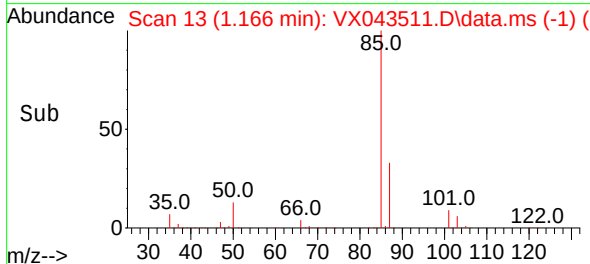
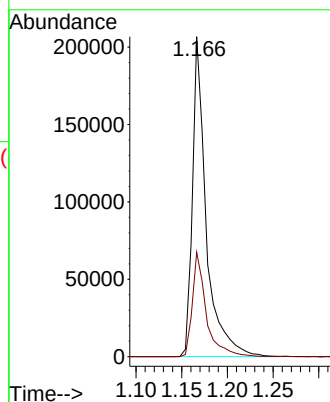
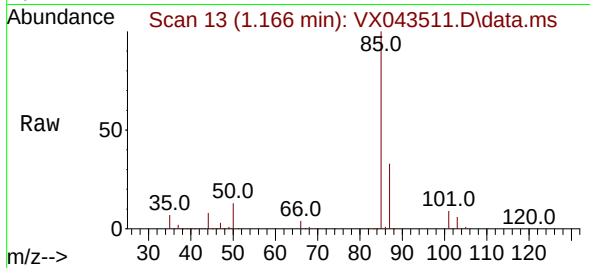




#2
 Dichlorodifluoromethane
 Concen: 101.618 ug/L
 RT: 1.166 min Scan# 14
 Delta R.T. 0.000 min
 Lab File: VX043511.D
 Acq: 25 Oct 2024 10:11

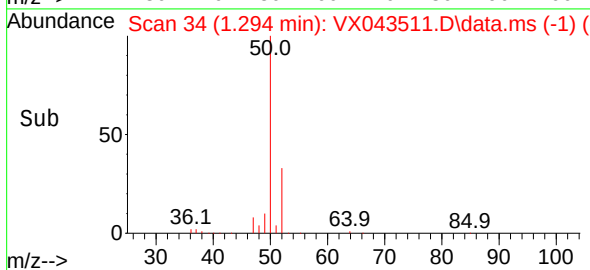
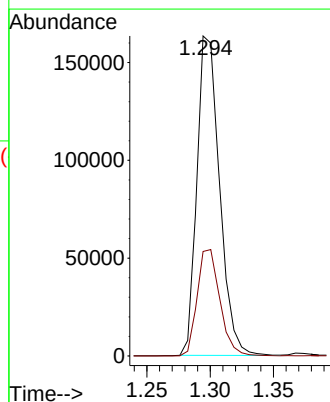
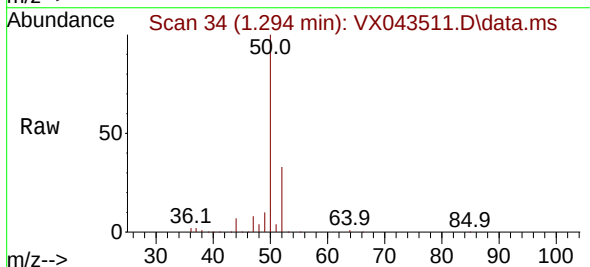
Instrument :
 MSVOA_X
 ClientSampleId :

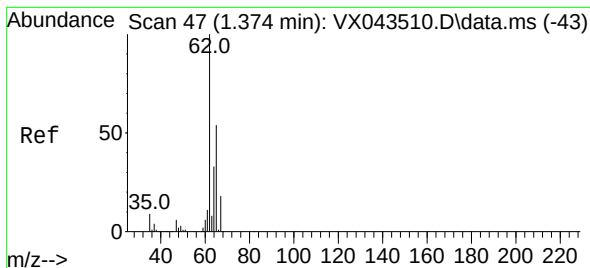
Tgt Ion: 85 Resp: 216725
 Ion Ratio Lower Upper
 85 100
 87 33.1 26.0 39.0



#3
 Chloromethane
 Concen: 104.074 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. -0.006 min
 Lab File: VX043511.D
 Acq: 25 Oct 2024 10:11

Tgt Ion: 50 Resp: 204156
 Ion Ratio Lower Upper
 50 100
 52 32.7 22.6 42.0





#5

Vinyl chloride

Concen: 103.460 ug/L

RT: 1.374 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX043511.D

Acq: 25 Oct 2024 10:11

Instrument :

MSVOA_X

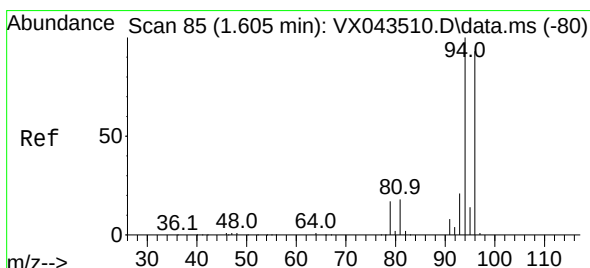
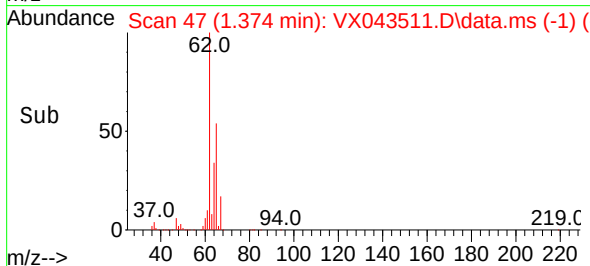
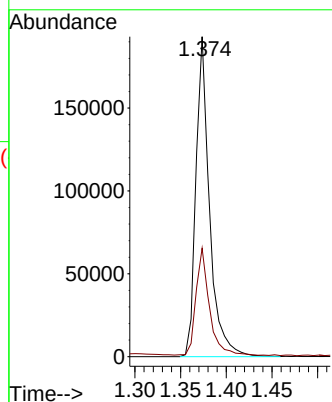
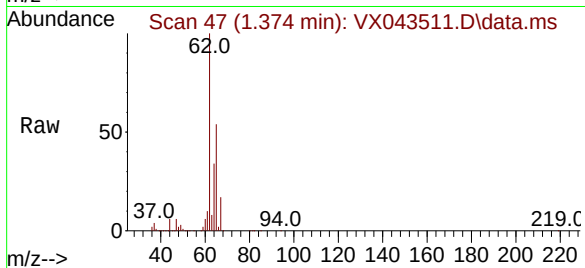
ClientSampleId :

Tgt Ion: 62 Resp: 200631

Ion Ratio Lower Upper

62 100

64 33.9 23.9 44.5



#6

Bromomethane

Concen: 103.341 ug/L

RT: 1.599 min Scan# 84

Delta R.T. -0.006 min

Lab File: VX043511.D

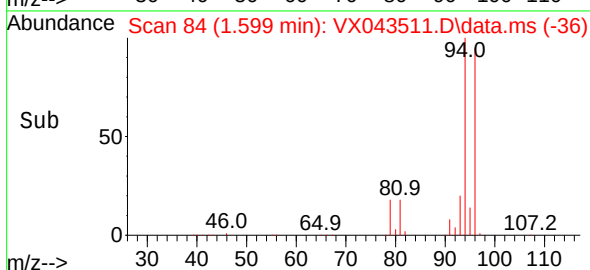
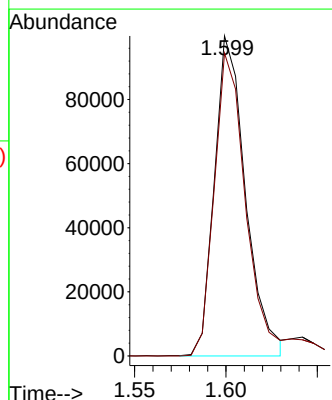
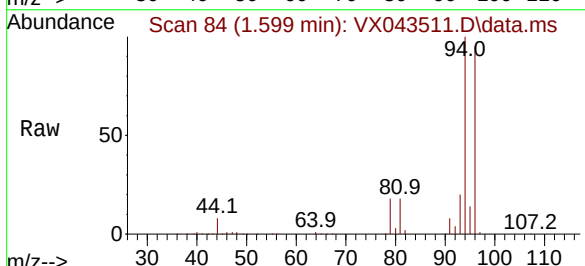
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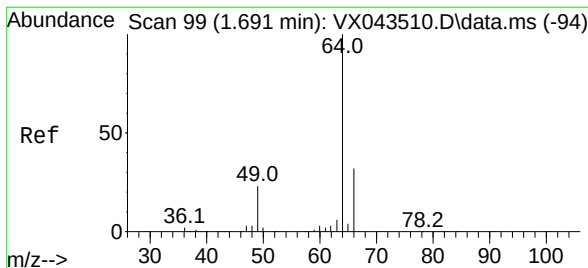
Tgt Ion: 94 Resp: 118287

Ion Ratio Lower Upper

94 100

96 94.6 65.2 121.2





#8

Chloroethane

Concen: 104.816 ug/L

RT: 1.685 min Scan# 99

Delta R.T. -0.006 min

Lab File: VX043511.D

Acq: 25 Oct 2024 10:11

Instrument :

MSVOA_X

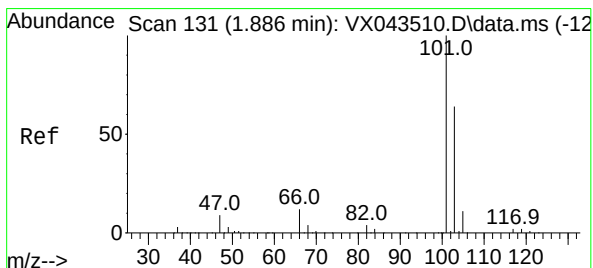
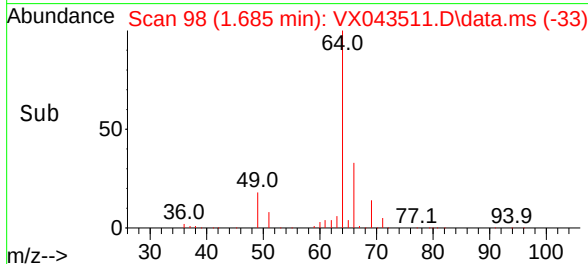
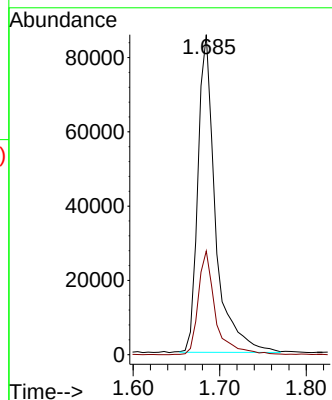
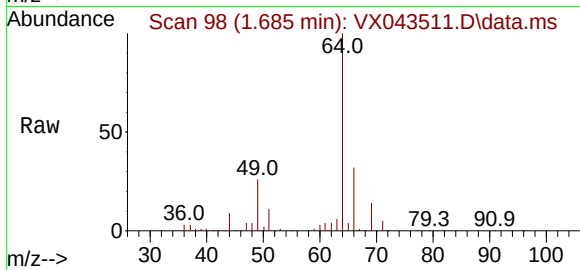
ClientSampleId :

Tgt Ion: 64 Resp: 120526

Ion Ratio Lower Upper

64 100

66 32.4 22.5 41.7



#9

Trichlorofluoromethane

Concen: 102.056 ug/L

RT: 1.886 min Scan# 131

Delta R.T. 0.000 min

Lab File: VX043511.D

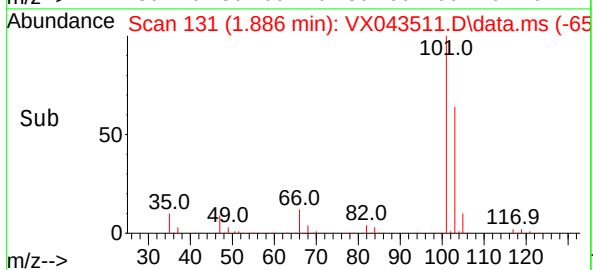
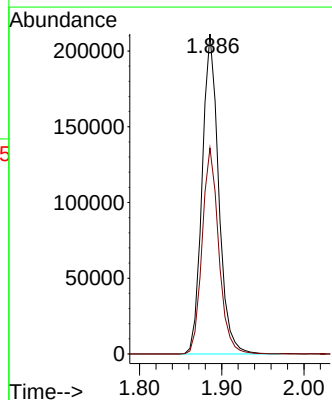
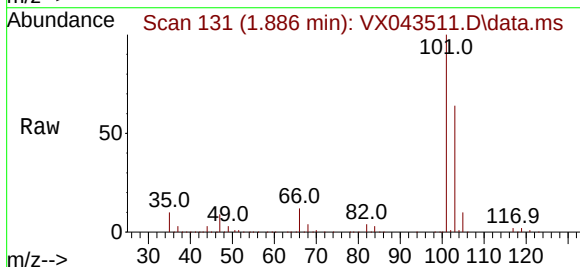
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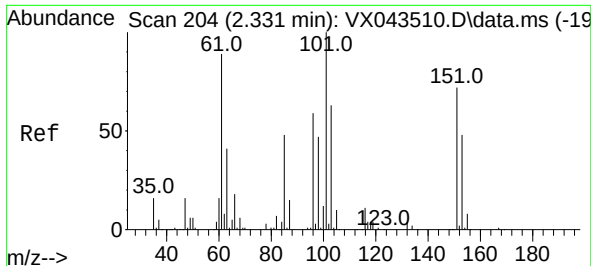
Tgt Ion:101 Resp: 295251

Ion Ratio Lower Upper

101 100

103 64.4 51.7 77.5





#10

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

Concen: 101.150 ug/L

RT: 2.325 min Scan# 204

Delta R.T. -0.006 min

Lab File: VX043511.D

Acq: 25 Oct 2024 10:11

Instrument :

MSVOA_X

ClientSampleId :

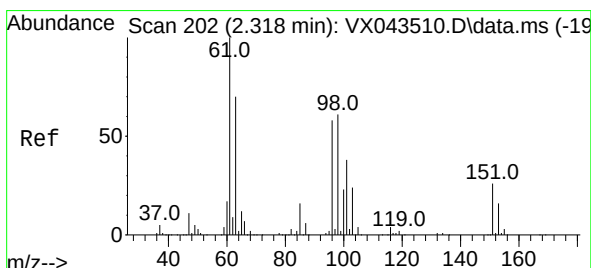
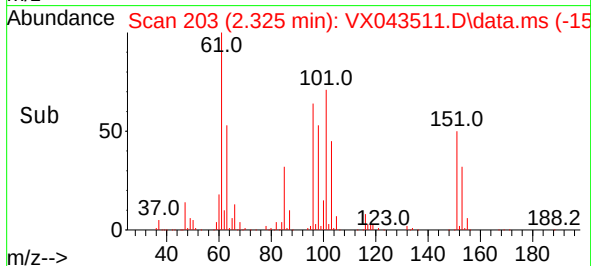
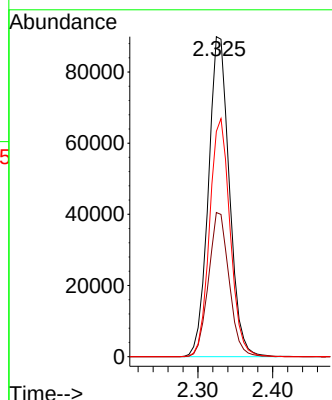
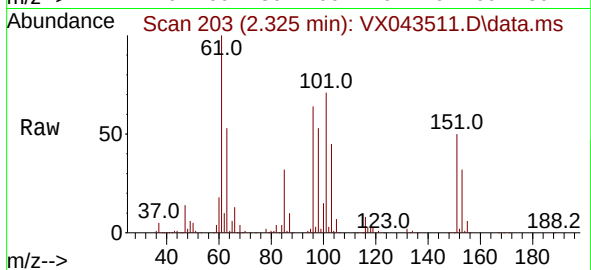
Tgt Ion:101 Resp: 175238

Ion Ratio Lower Upper

101 100

85 44.2 35.6 53.4

151 72.8 57.7 86.5



#12

1,1-Dichloroethene

Concen: 104.086 ug/L

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX043511.D

Acq: 25 Oct 2024 10:11

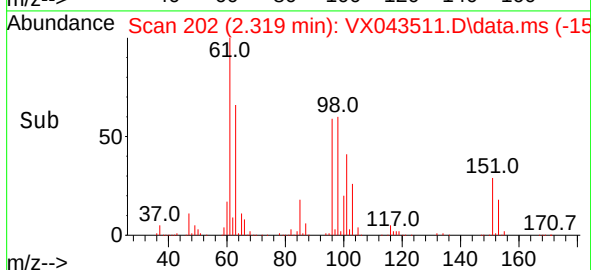
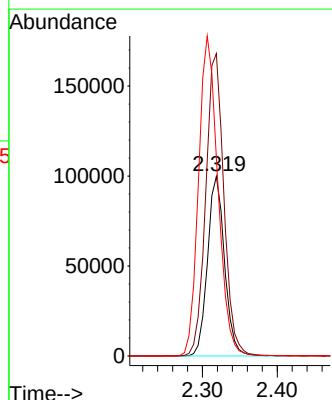
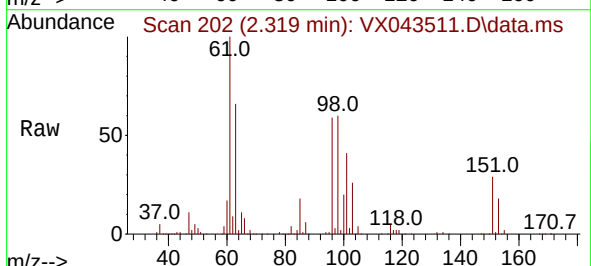
Tgt Ion: 96 Resp: 157991

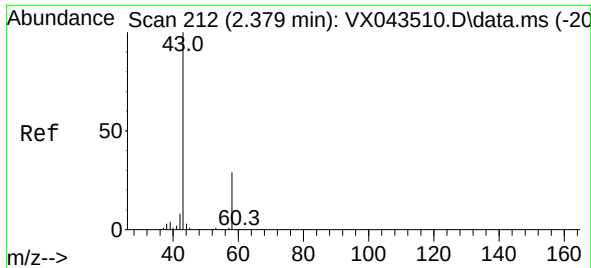
Ion Ratio Lower Upper

96 100

61 168.4 119.8 222.6

63 110.3 85.0 158.0





#13

Acetone

Concen: 185.608 ug/L

RT: 2.380 min Scan# 212

Delta R.T. 0.000 min

Lab File: VX043511.D

Acq: 25 Oct 2024 10:11

Instrument :

MSVOA_X

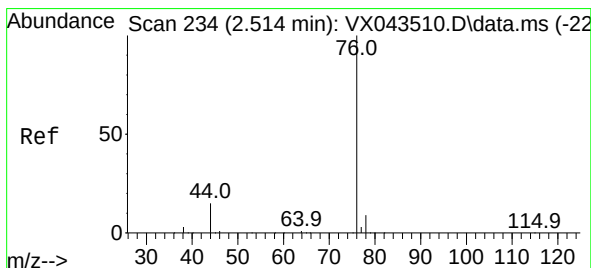
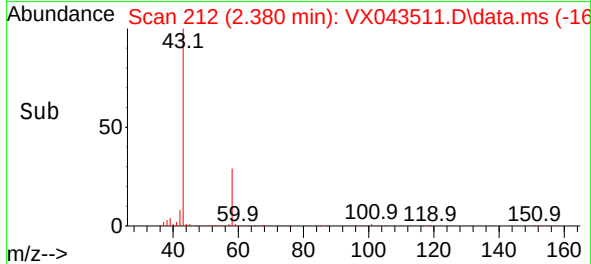
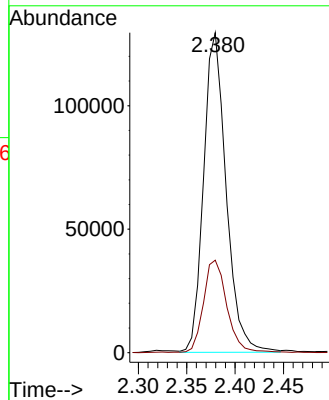
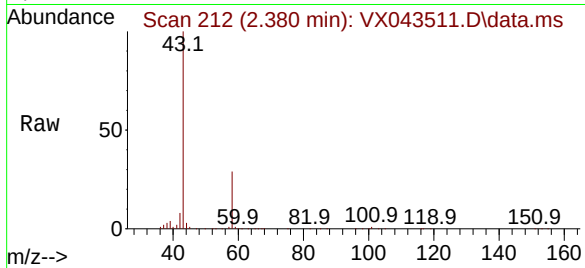
ClientSampleId :

Tgt Ion: 43 Resp: 210269

Ion Ratio Lower Upper

43 100

58 29.8 0.0 59.2



#14

Carbon disulfide

Concen: 105.885 ug/L

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX043511.D

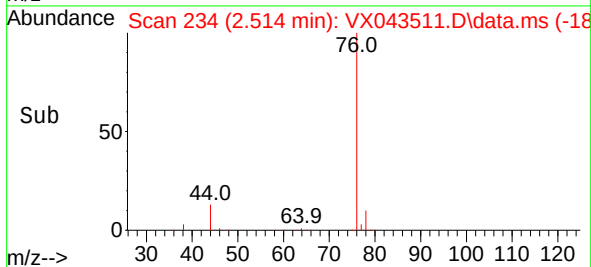
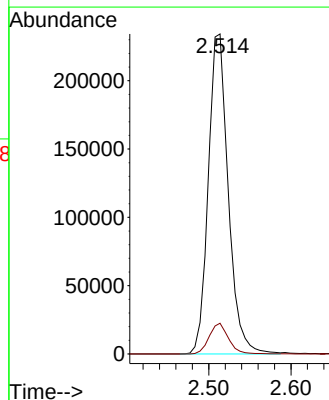
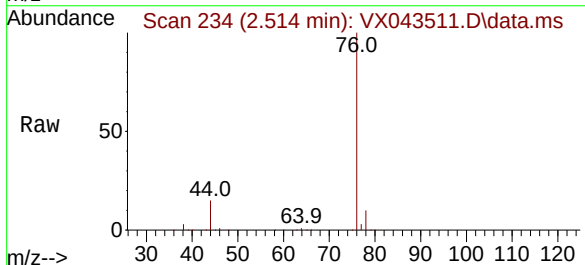
Acq: 25 Oct 2024 10:11

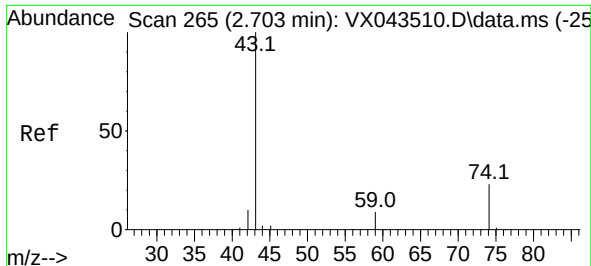
Tgt Ion: 76 Resp: 395281

Ion Ratio Lower Upper

76 100

78 9.6 7.5 11.3

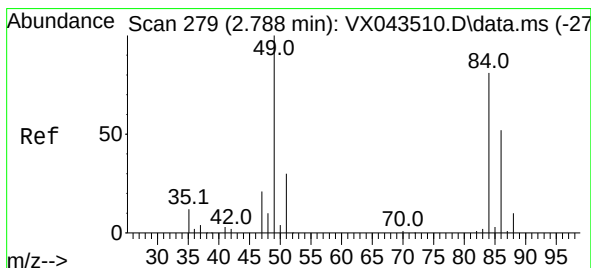
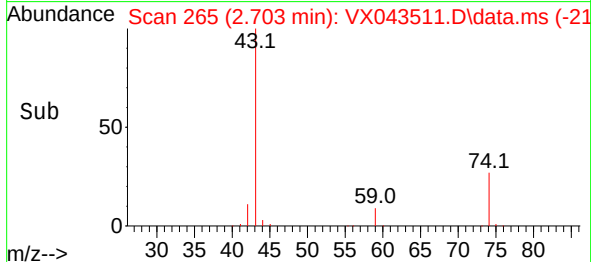
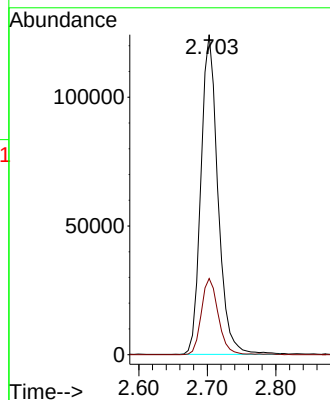
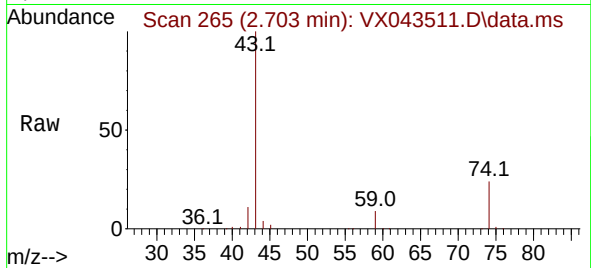




#15
Methyl Acetate
Concen: 101.915 ug/L
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX043511.D
Acq: 25 Oct 2024 10:11

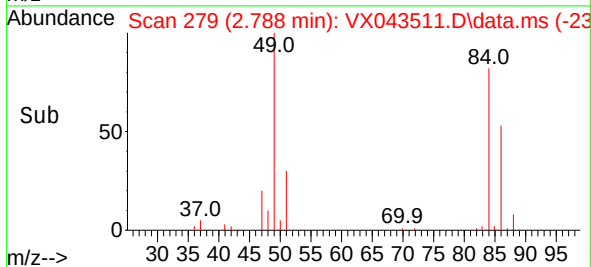
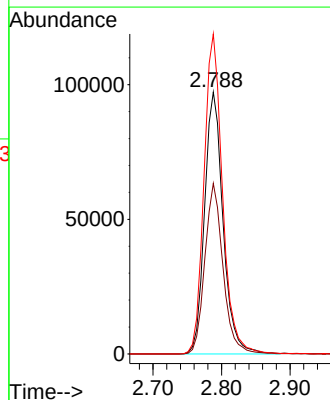
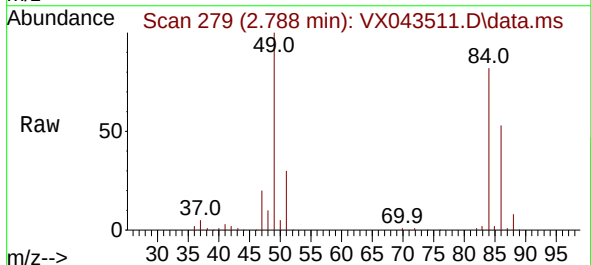
Instrument :
MSVOA_X
ClientSampleId :

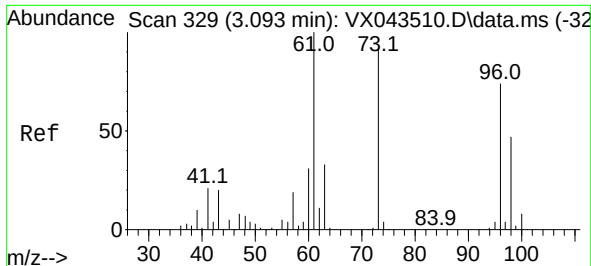
Tgt Ion: 43 Resp: 214924
Ion Ratio Lower Upper
43 100
74 23.6 18.7 28.1



#16
Methylene chloride
Concen: 103.991 ug/L
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX043511.D
Acq: 25 Oct 2024 10:11

Tgt Ion: 84 Resp: 182832
Ion Ratio Lower Upper
84 100
86 65.2 44.7 82.9
49 122.2 86.2 160.2





#17

trans-1,2-Dichloroethene

Concen: 103.872 ug/L

RT: 3.093 min Scan# 329

Delta R.T. 0.000 min

Lab File: VX043511.D

Acq: 25 Oct 2024 10:11

Instrument :

MSVOA_X

ClientSampleId :

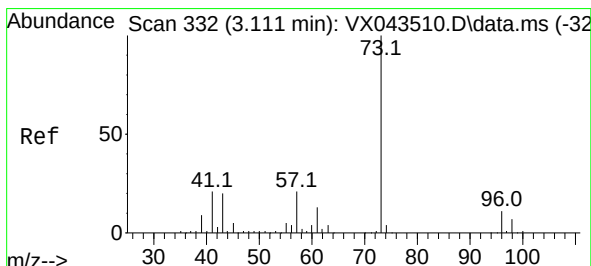
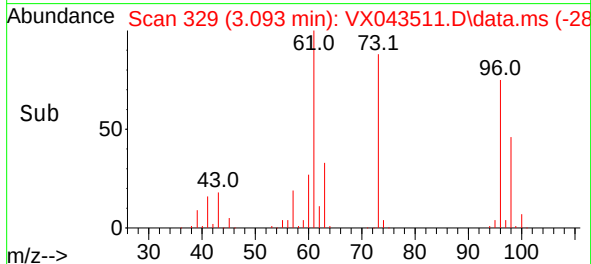
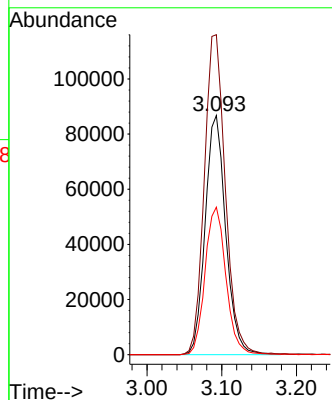
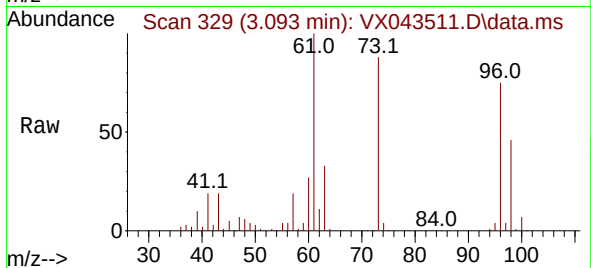
Tgt Ion: 96 Resp: 165797

Ion Ratio Lower Upper

96 100

61 133.8 94.3 175.1

98 61.7 44.3 82.3



#18

Methyl tert-butyl Ether

Concen: 105.104 ug/L

RT: 3.111 min Scan# 332

Delta R.T. 0.000 min

Lab File: VX043511.D

Acq: 25 Oct 2024 10:11

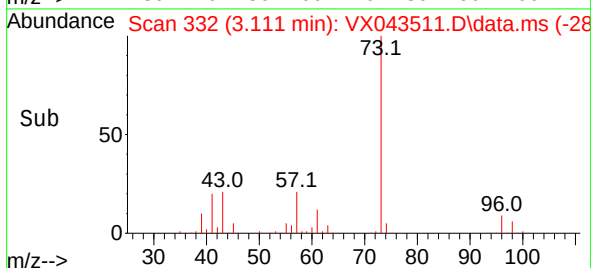
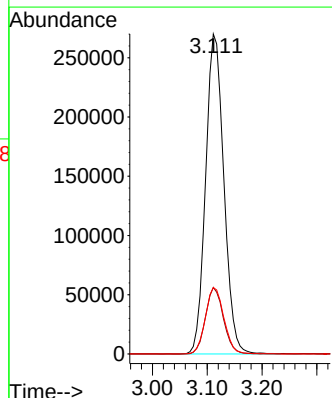
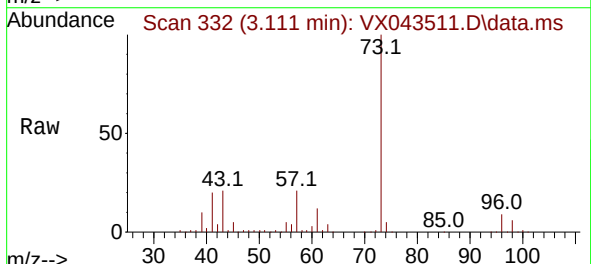
Tgt Ion: 73 Resp: 623235

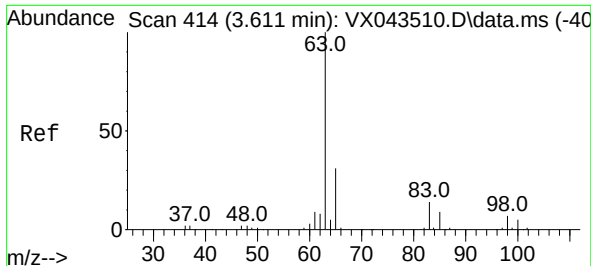
Ion Ratio Lower Upper

73 100

43 20.5 16.7 25.1

57 21.0 17.0 25.6





#19

1,1-Dichloroethane

Concen: 103.770 ug/L

RT: 3.605 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX043511.D

Acq: 25 Oct 2024 10:11

Instrument :

MSVOA_X

ClientSampleId :

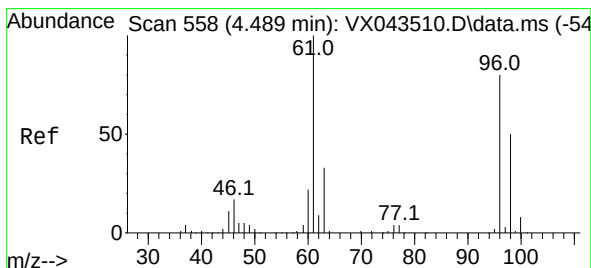
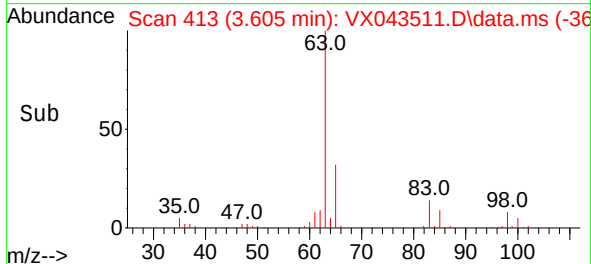
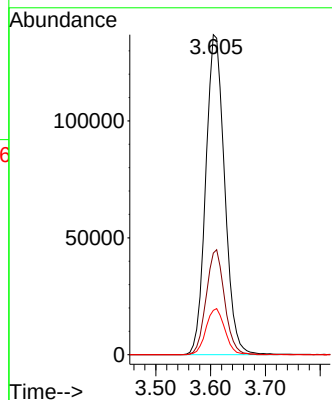
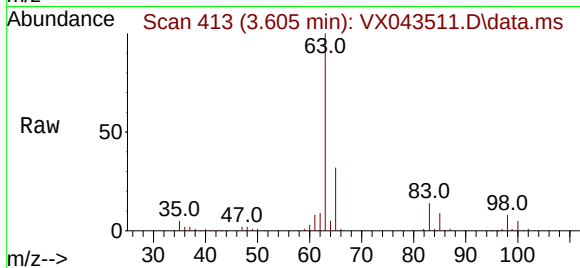
Tgt Ion: 63 Resp: 326552

Ion Ratio Lower Upper

63 100

65 31.8 21.8 40.6

83 13.9 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 104.370 ug/L

RT: 4.483 min Scan# 557

Delta R.T. -0.006 min

Lab File: VX043511.D

Acq: 25 Oct 2024 10:11

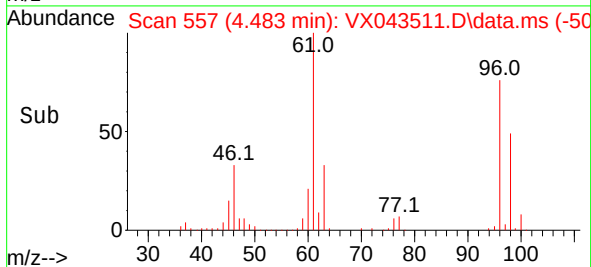
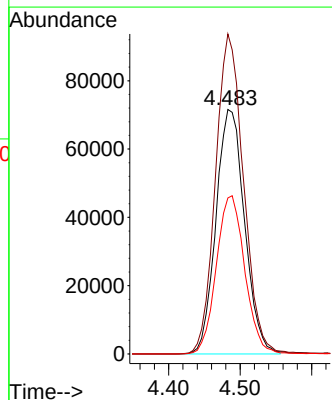
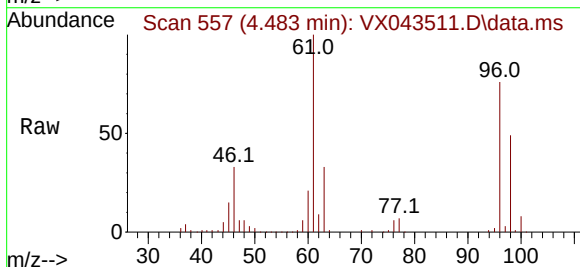
Tgt Ion: 96 Resp: 198764

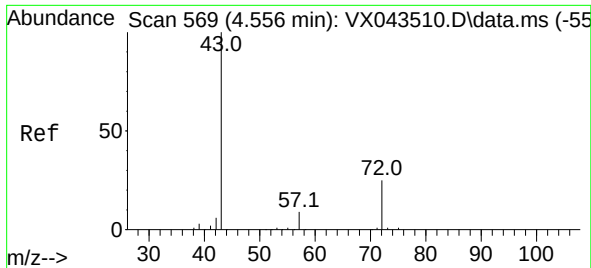
Ion Ratio Lower Upper

96 100

61 130.9 87.9 163.3

98 63.8 44.0 81.6

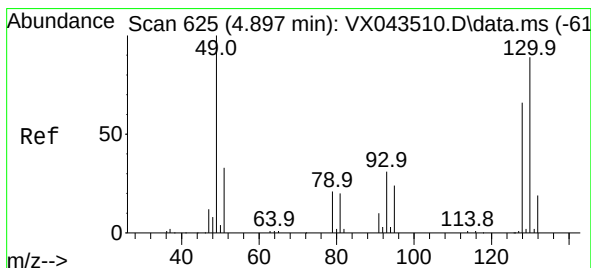
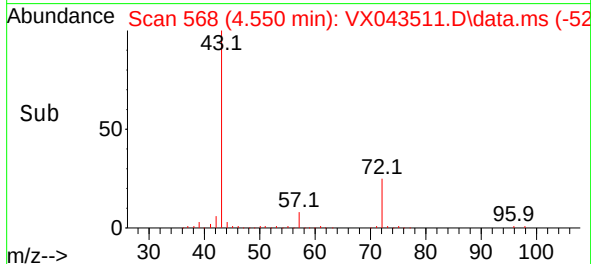
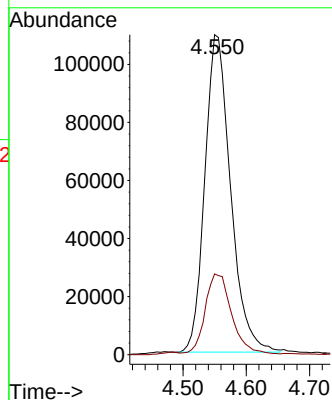
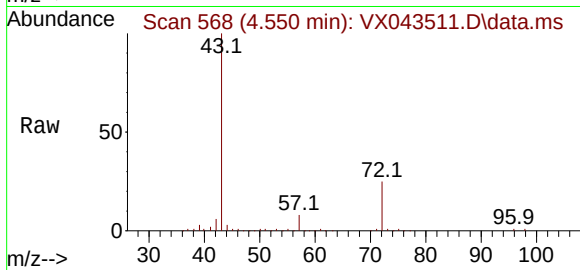




#22
2-Butanone
Concen: 207.733 ug/L
RT: 4.550 min Scan# 569
Delta R.T. -0.006 min
Lab File: VX043511.D
Acq: 25 Oct 2024 10:11

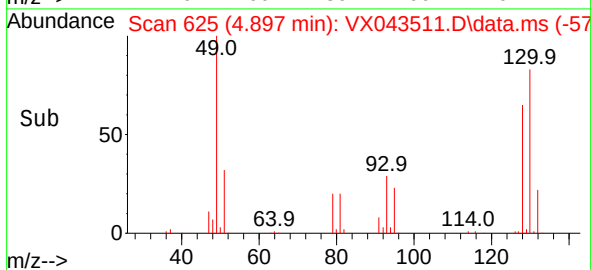
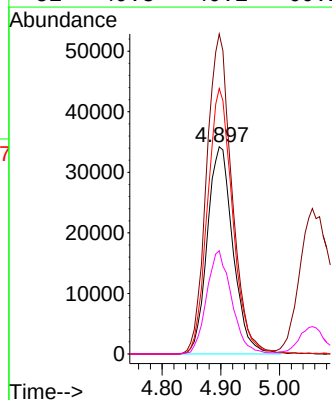
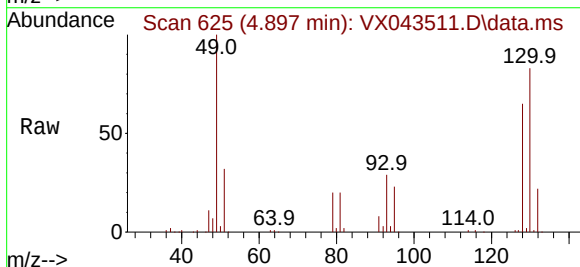
Instrument :
MSVOA_X
ClientSampleId :

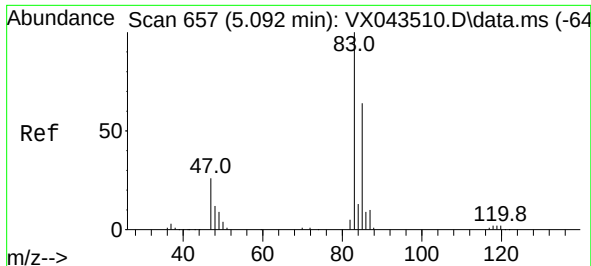
Tgt Ion: 43 Resp: 309837
Ion Ratio Lower Upper
43 100
72 26.5 13.4 40.1



#23
Bromochloromethane
Concen: 104.105 ug/L
RT: 4.897 min Scan# 625
Delta R.T. 0.000 min
Lab File: VX043511.D
Acq: 25 Oct 2024 10:11

Tgt Ion: 128 Resp: 103867
Ion Ratio Lower Upper
128 100
49 154.4 105.9 196.7
130 128.1 94.0 174.6
51 49.8 40.1 60.1





#25

Chloroform

Concen: 103.103 ug/L

RT: 5.092 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX043511.D

Acq: 25 Oct 2024 10:11

Instrument :

MSVOA_X

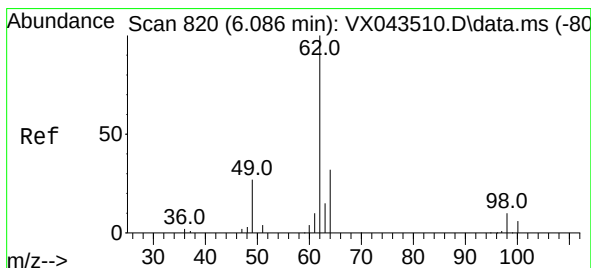
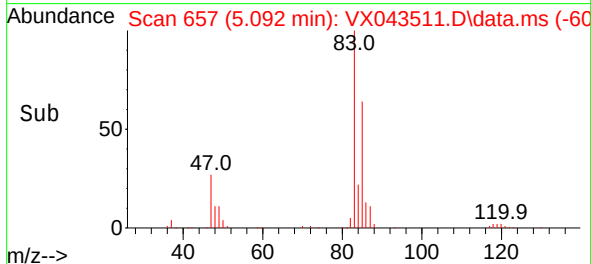
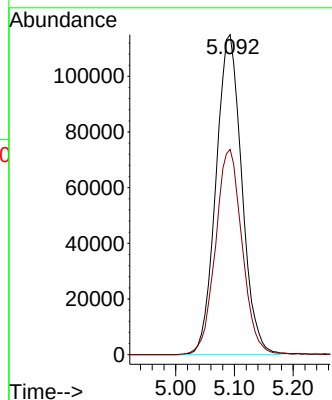
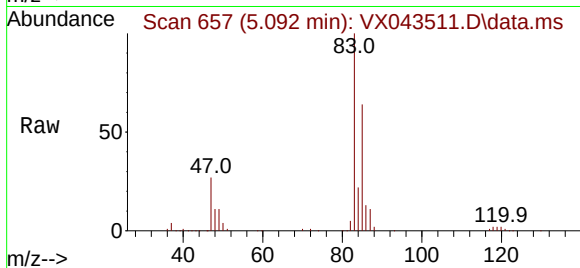
ClientSampleId :

Tgt Ion: 83 Resp: 351286

Ion Ratio Lower Upper

83 100

85 64.1 44.8 83.2



#27

1,2-Dichloroethane

Concen: 104.844 ug/L

RT: 6.086 min Scan# 820

Delta R.T. 0.000 min

Lab File: VX043511.D

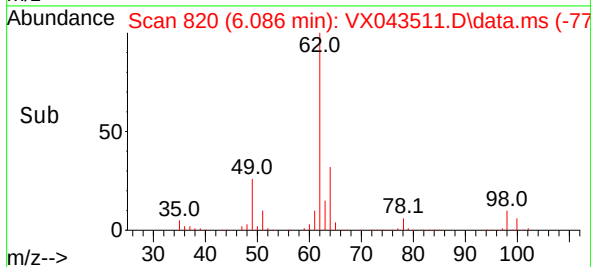
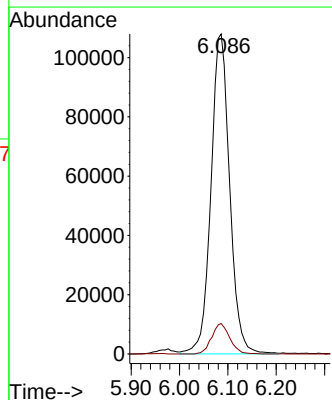
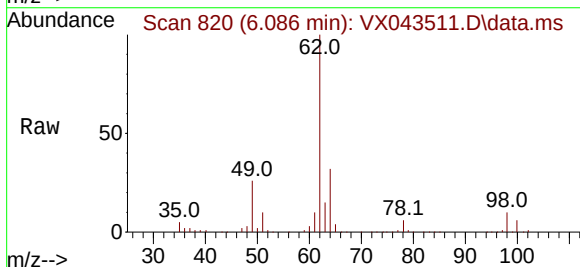
Acq: 25 Oct 2024 10:11

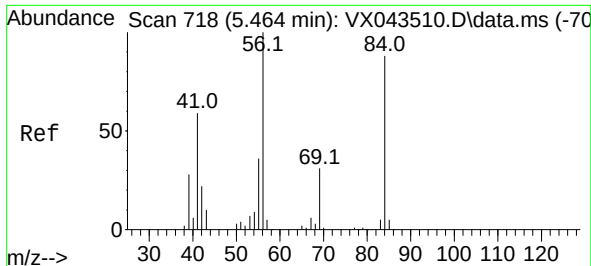
Tgt Ion: 62 Resp: 289717

Ion Ratio Lower Upper

62 100

98 9.5 8.0 12.0





#29

Cyclohexane

Concen: 100.537 ug/L

RT: 5.470 min Scan# 718

Delta R.T. 0.006 min

Lab File: VX043511.D

Acq: 25 Oct 2024 10:11

Instrument :

MSVOA_X

ClientSampleId :

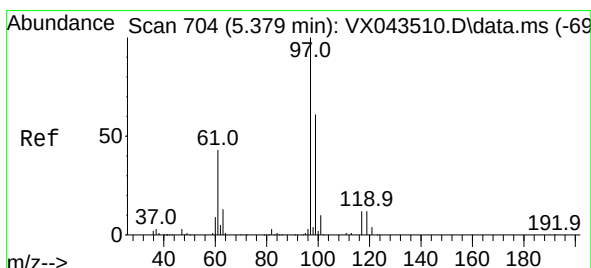
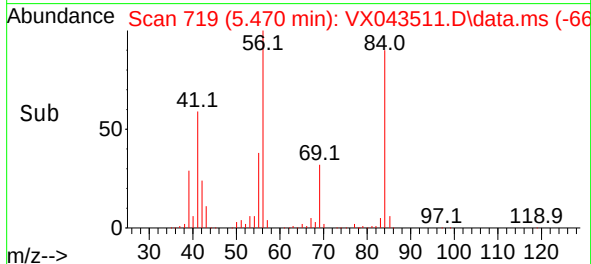
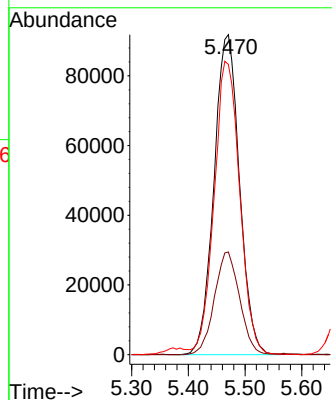
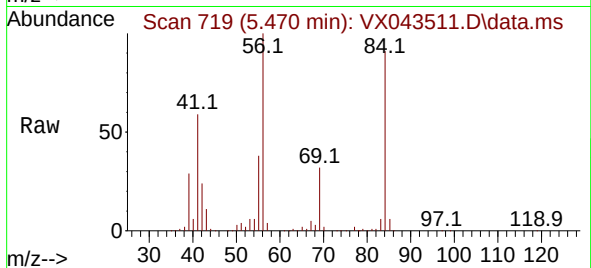
Tgt Ion: 56 Resp: 286160

Ion Ratio Lower Upper

56 100

69 31.8 25.3 37.9

84 91.8 72.9 109.3



#30

1,1,1-Trichloroethane

Concen: 101.757 ug/L

RT: 5.385 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX043511.D

Acq: 25 Oct 2024 10:11

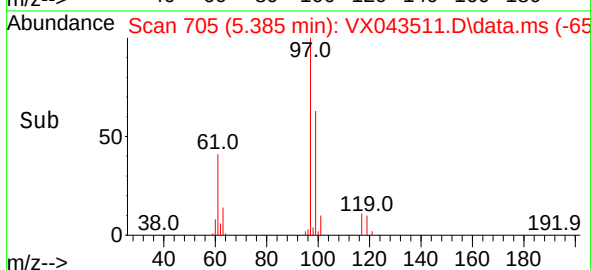
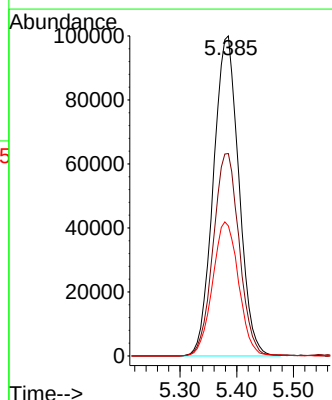
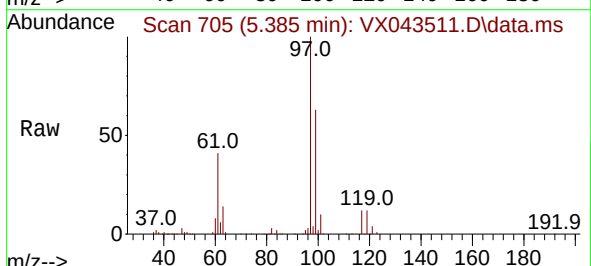
Tgt Ion: 97 Resp: 311957

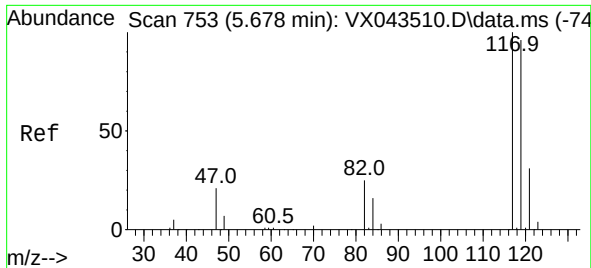
Ion Ratio Lower Upper

97 100

99 64.6 51.0 76.4

61 42.8 34.6 52.0

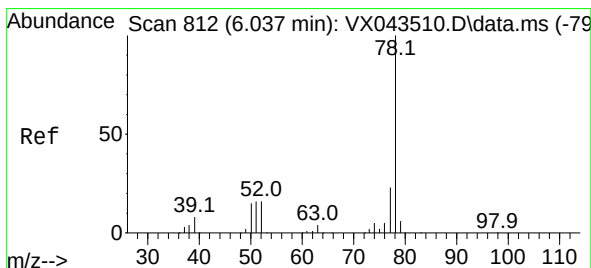
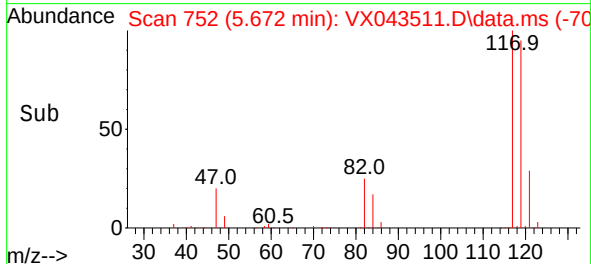
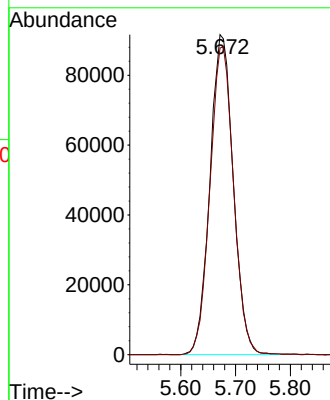
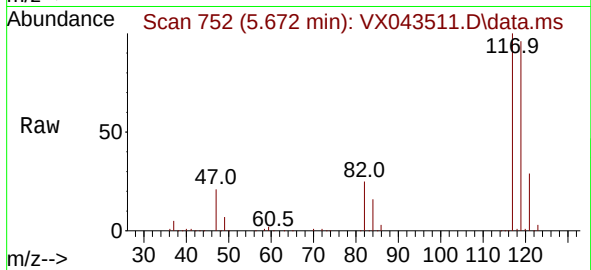




#31
Carbon tetrachloride
Concen: 102.876 ug/L
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX043511.D
Acq: 25 Oct 2024 10:11

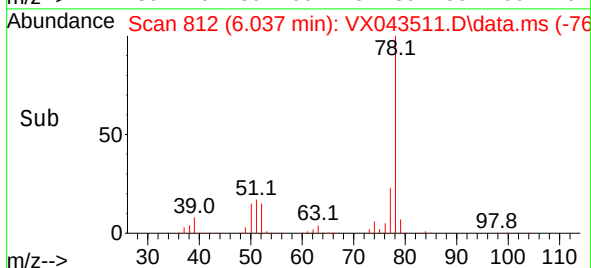
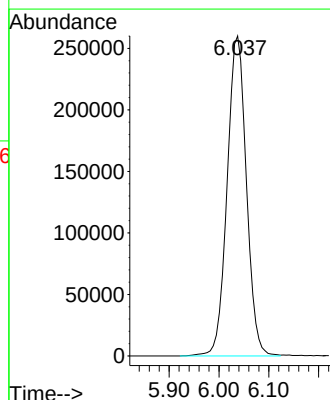
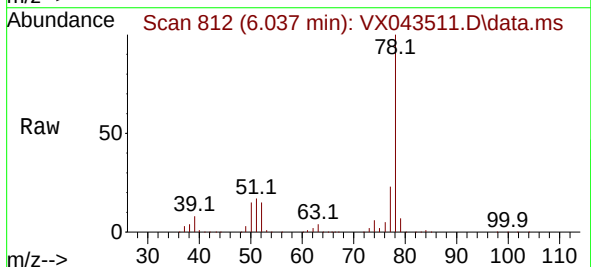
Instrument :
MSVOA_X
ClientSampleId :

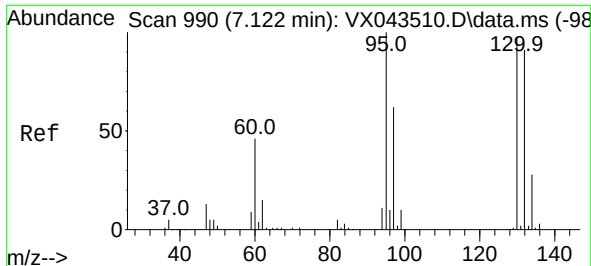
Tgt Ion:117 Resp: 270729
Ion Ratio Lower Upper
117 100
119 96.9 78.0 117.0



#33
Benzene
Concen: 102.925 ug/L
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX043511.D
Acq: 25 Oct 2024 10:11

Tgt Ion: 78 Resp: 697952

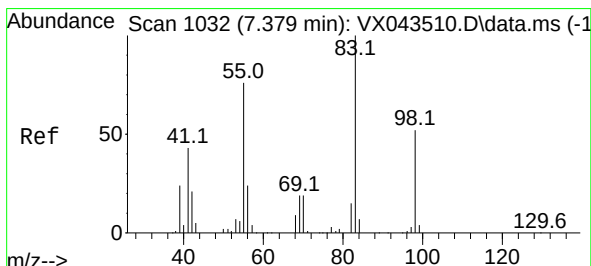
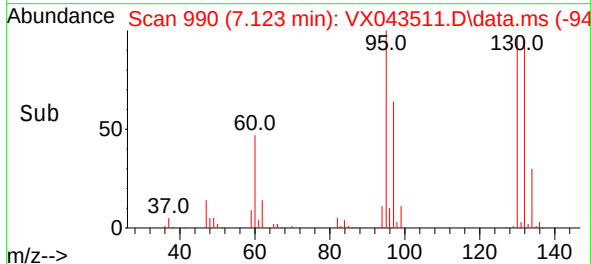
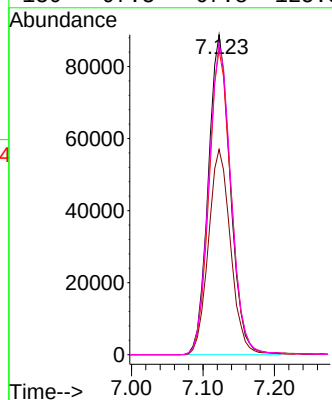
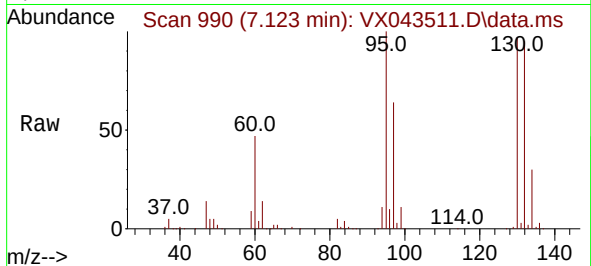




#34
Trichloroethene
Concen: 101.986 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX043511.D
Acq: 25 Oct 2024 10:11

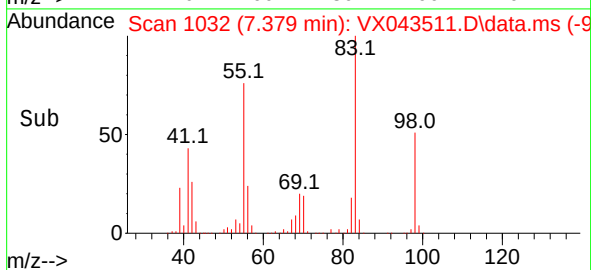
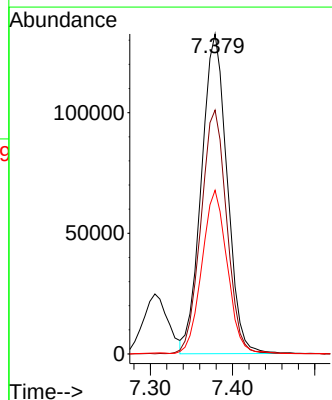
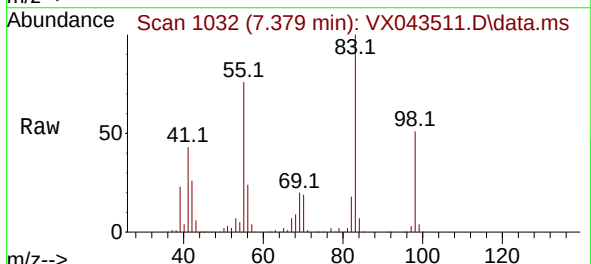
Instrument :
MSVOA_X
ClientSampleId :

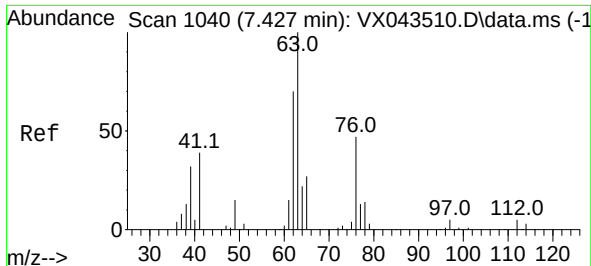
Tgt Ion: 95 Resp: 189948
Ion Ratio Lower Upper
95 100
97 64.2 43.3 80.5
132 95.2 63.7 118.3
130 97.3 67.8 125.8



#35
Methylcyclohexane
Concen: 100.398 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX043511.D
Acq: 25 Oct 2024 10:11

Tgt Ion: 83 Resp: 287727
Ion Ratio Lower Upper
83 100
55 76.6 60.6 91.0
98 50.9 41.0 61.6

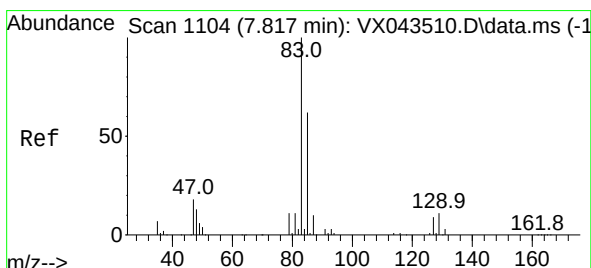
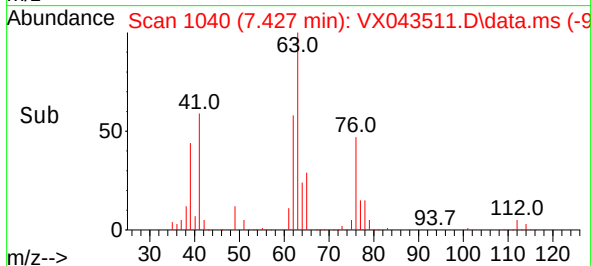
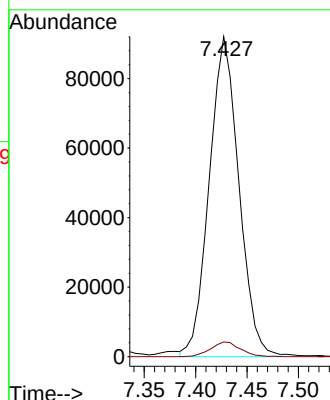
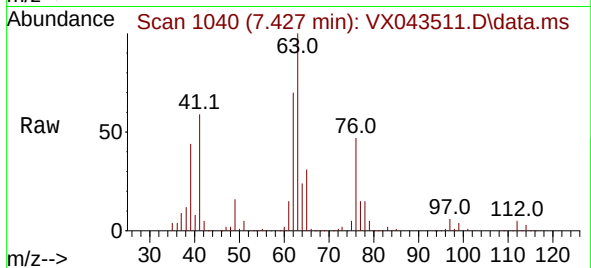




#37
1,2-Dichloropropane
Concen: 102.041 ug/L
RT: 7.427 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX043511.D
Acq: 25 Oct 2024 10:11

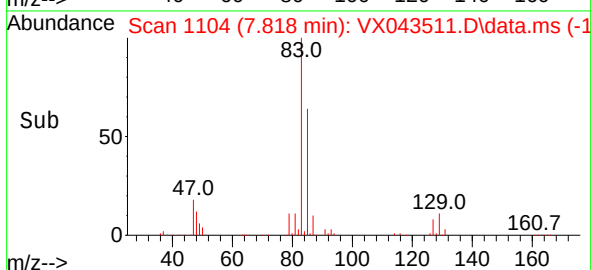
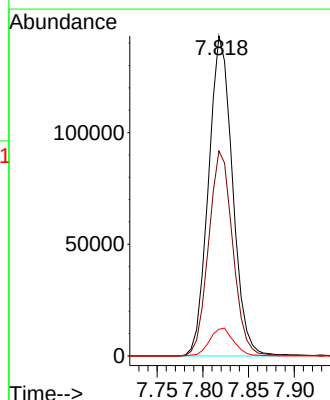
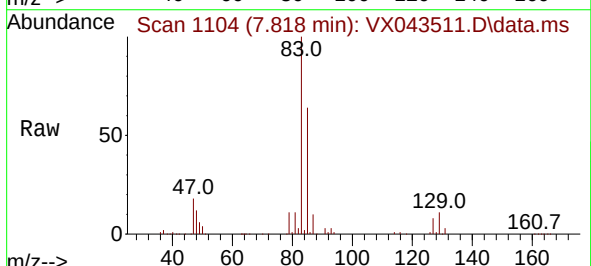
Instrument :
MSVOA_X
ClientSampleId :

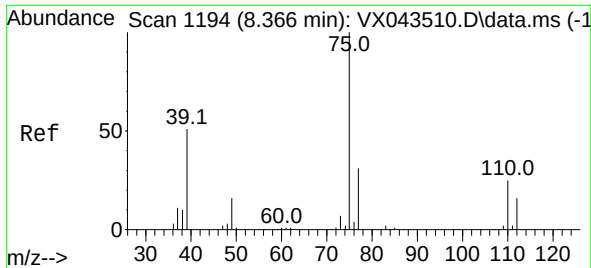
Tgt Ion: 63 Resp: 184357
Ion Ratio Lower Upper
63 100
112 4.6 3.7 5.5



#38
Bromodichloromethane
Concen: 105.274 ug/L
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX043511.D
Acq: 25 Oct 2024 10:11

Tgt Ion: 83 Resp: 261851
Ion Ratio Lower Upper
83 100
85 64.1 43.5 80.9
127 8.4 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 107.636 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX043511.D

Acq: 25 Oct 2024 10:11

Instrument :

MSVOA_X

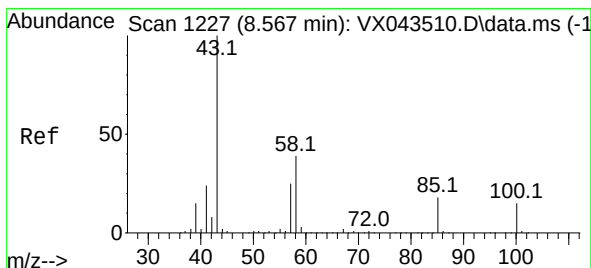
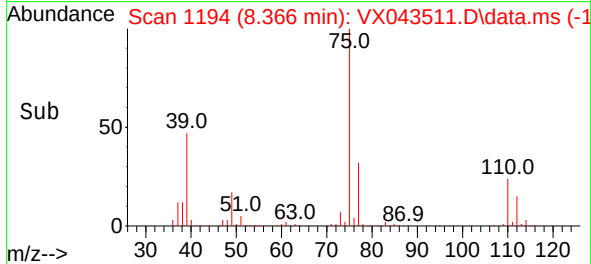
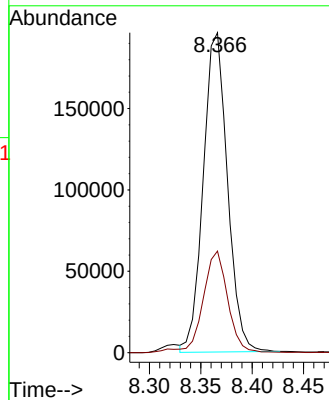
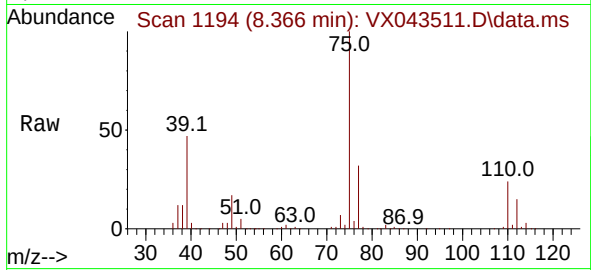
ClientSampleId :

Tgt Ion: 75 Resp: 321458

Ion Ratio Lower Upper

75 100

77 31.7 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 209.289 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VX043511.D

Acq: 25 Oct 2024 10:11

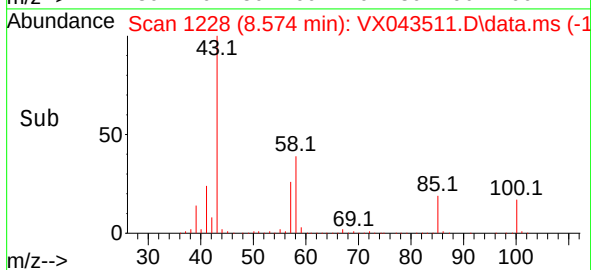
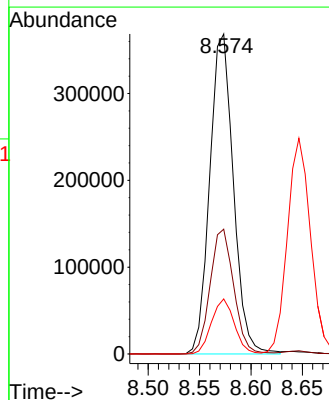
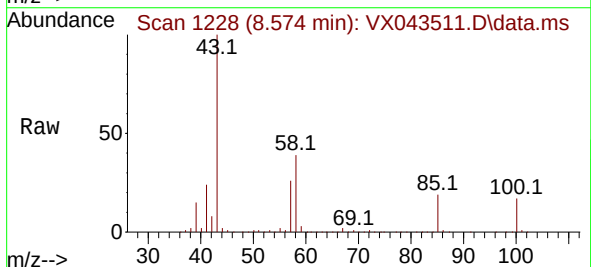
Tgt Ion: 43 Resp: 589138

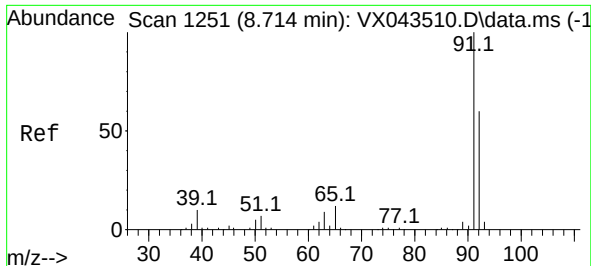
Ion Ratio Lower Upper

43 100

58 38.9 31.1 46.7

100 16.6 13.0 19.4





#42

Toluene

Concen: 101.927 ug/L

RT: 8.714 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VX043511.D

Acq: 25 Oct 2024 10:11

Instrument :

MSVOA_X

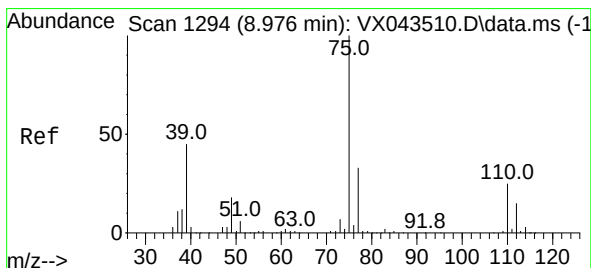
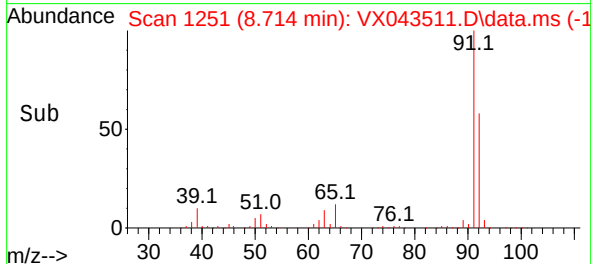
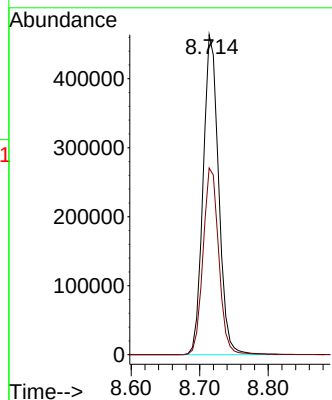
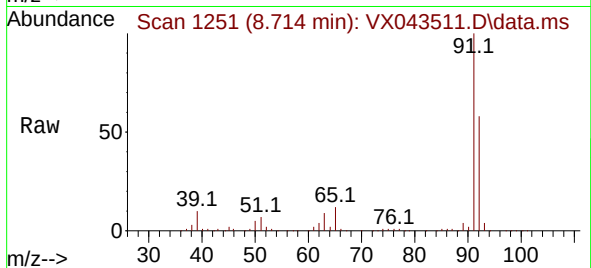
ClientSampleId :

Tgt Ion: 91 Resp: 731647

Ion Ratio Lower Upper

91 100

92 58.3 42.1 78.1



#44

trans-1,3-Dichloropropene

Concen: 109.407 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX043511.D

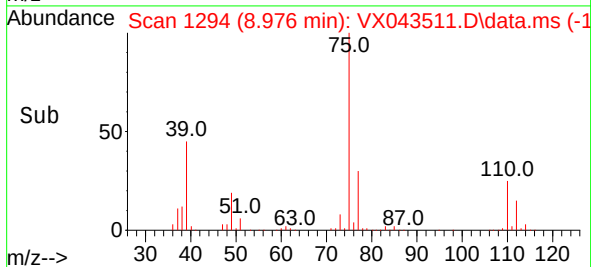
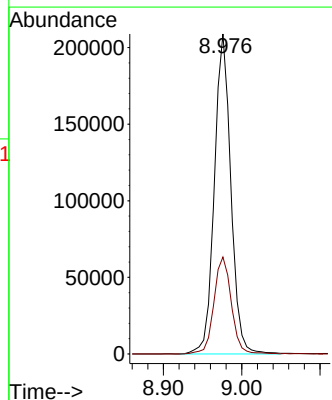
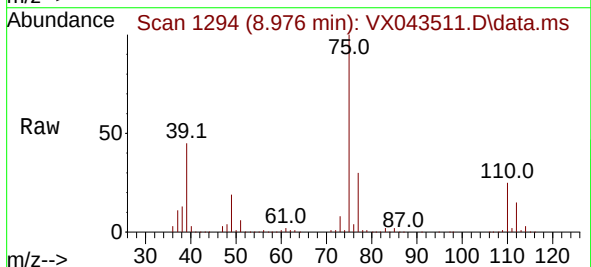
Acq: 25 Oct 2024 10:11

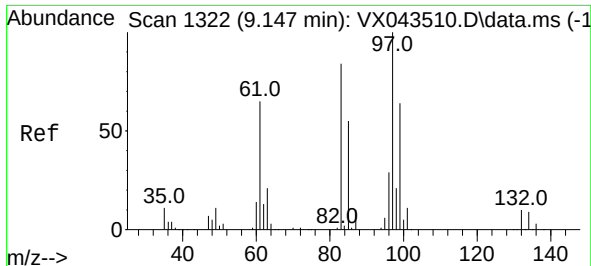
Tgt Ion: 75 Resp: 305976

Ion Ratio Lower Upper

75 100

77 30.3 22.9 42.5





#45

1,1,2-Trichloroethane

Concen: 103.130 ug/L

RT: 9.147 min Scan# 1322

Delta R.T. 0.000 min

Lab File: VX043511.D

Acq: 25 Oct 2024 10:11

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 191837

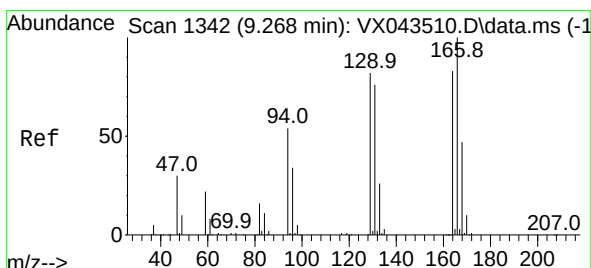
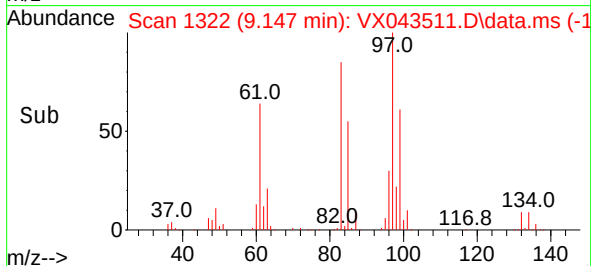
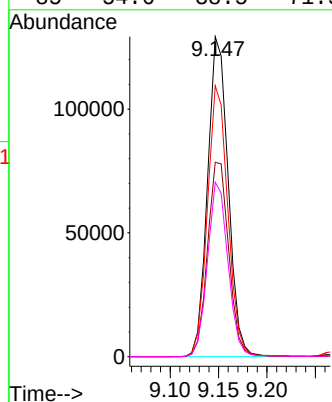
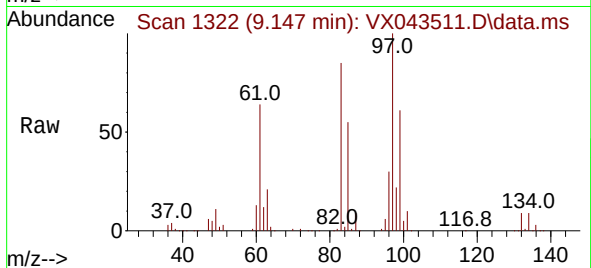
Ion Ratio Lower Upper

97 100

99 60.8 44.7 83.1

83 84.7 58.9 109.3

85 54.6 38.5 71.5



#46

Tetrachloroethene

Concen: 100.738 ug/L

RT: 9.269 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VX043511.D

Acq: 25 Oct 2024 10:11

Tgt Ion:164 Resp: 134483

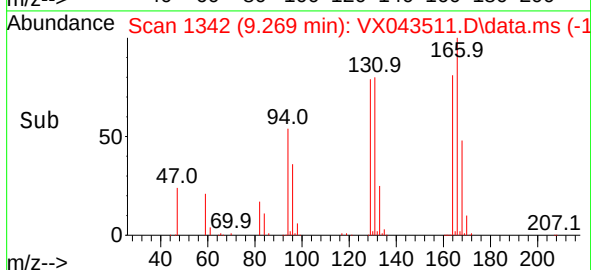
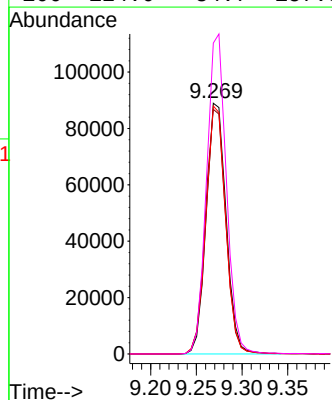
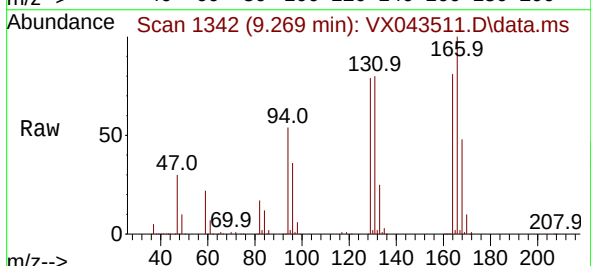
Ion Ratio Lower Upper

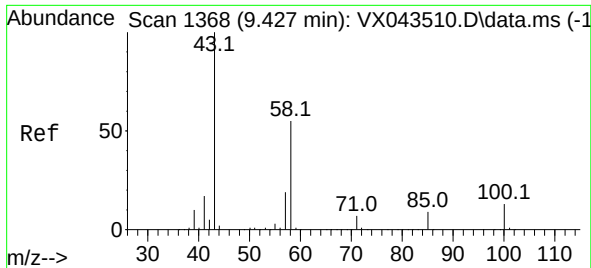
164 100

129 97.6 69.9 129.9

131 98.9 64.0 119.0

166 124.0 84.7 157.3



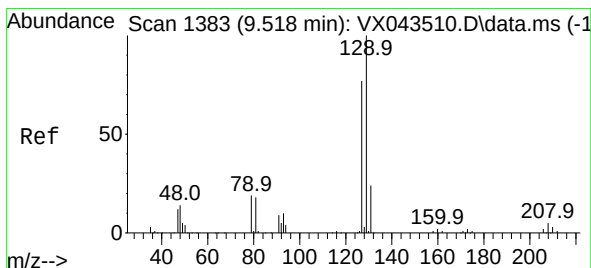
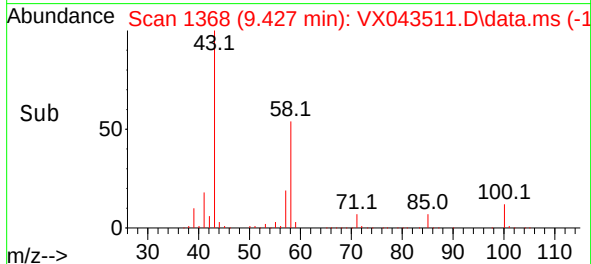
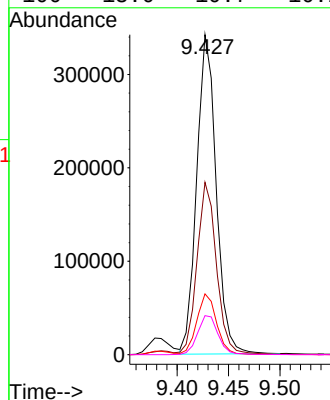
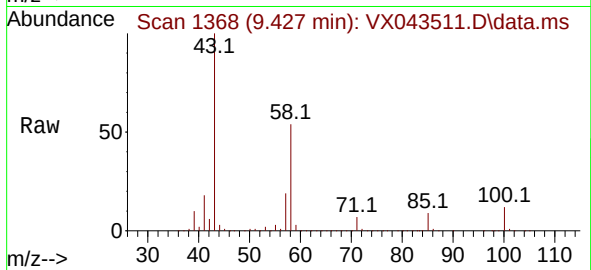


#48
2-Hexanone
Concen: 210.385 ug/L
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX043511.D
Acq: 25 Oct 2024 10:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 452385

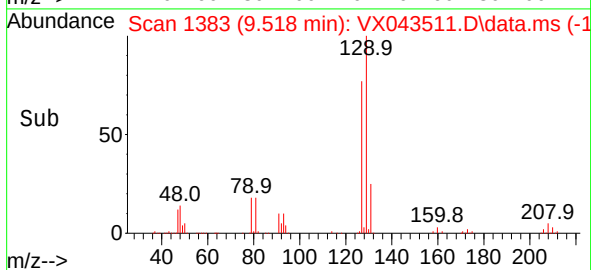
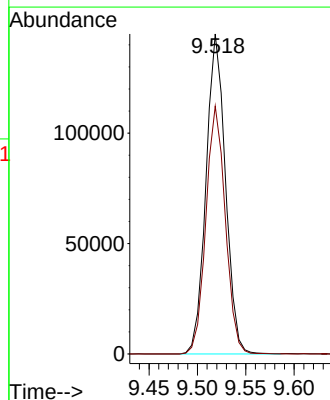
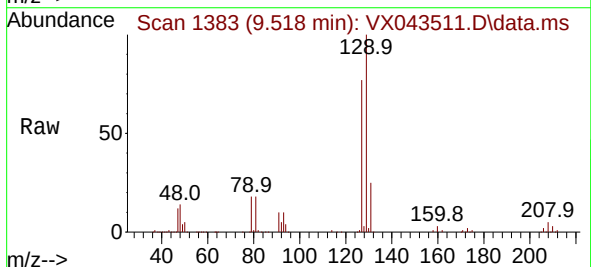
Ion	Ratio	Lower	Upper
43	100		
58	54.4	44.6	67.0
57	19.0	16.2	24.2
100	13.0	10.7	16.1

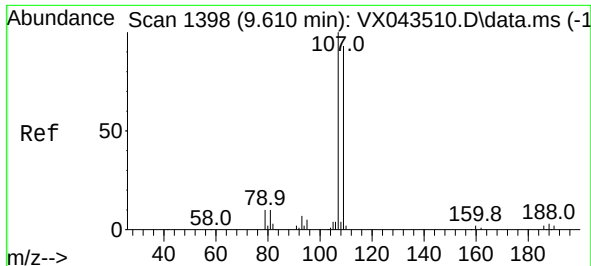


#49
Dibromochloromethane
Concen: 110.007 ug/L
RT: 9.518 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX043511.D
Acq: 25 Oct 2024 10:11

Tgt Ion: 129 Resp: 202539

Ion	Ratio	Lower	Upper
129	100		
127	77.5	54.0	100.4





#50

1,2-Dibromoethane

Concen: 104.771 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX043511.D

Acq: 25 Oct 2024 10:11

Instrument :

MSVOA_X

ClientSampleId :

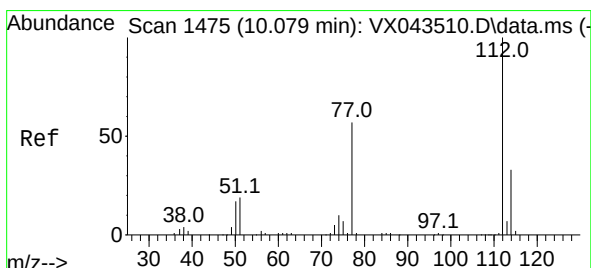
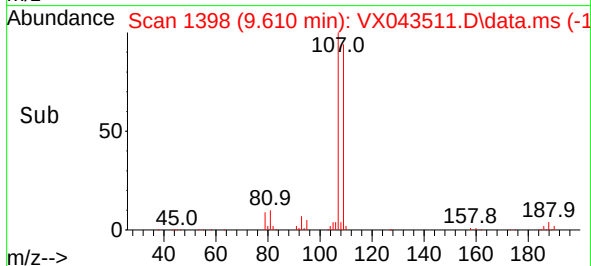
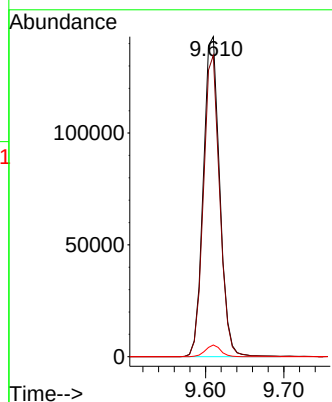
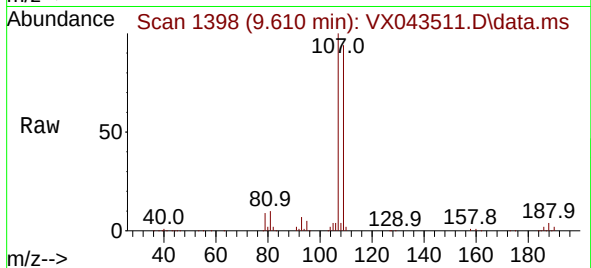
Tgt Ion:107 Resp: 208221

Ion Ratio Lower Upper

107 100

109 94.1 65.0 120.6

188 3.7 2.8 4.2



#51

Chlorobenzene

Concen: 101.184 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX043511.D

Acq: 25 Oct 2024 10:11

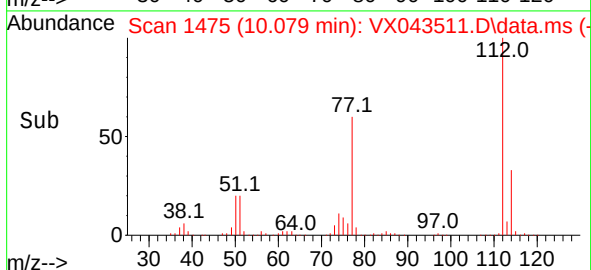
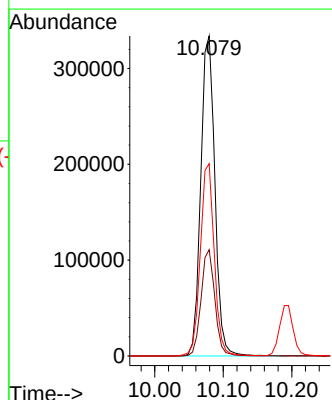
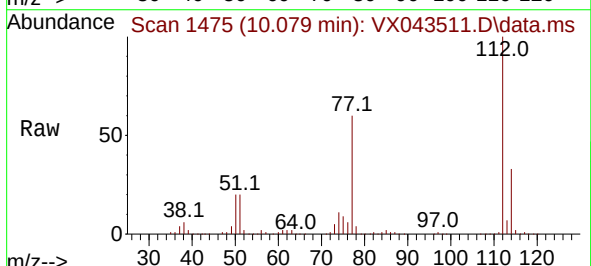
Tgt Ion:112 Resp: 479555

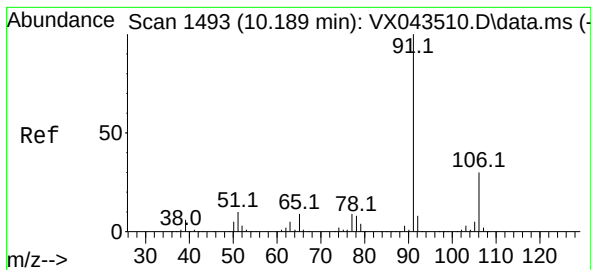
Ion Ratio Lower Upper

112 100

114 33.2 23.4 43.4

77 60.1 46.1 69.1





#52

Ethylbenzene

Concen: 102.982 ug/L

RT: 10.195 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VX043511.D

Acq: 25 Oct 2024 10:11

Instrument :

MSVOA_X

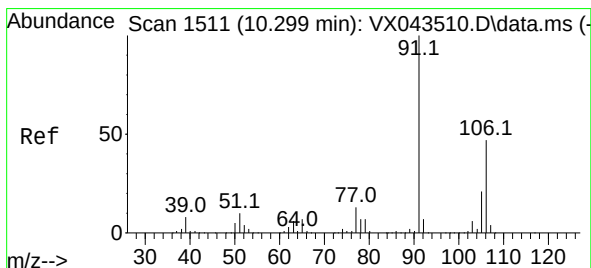
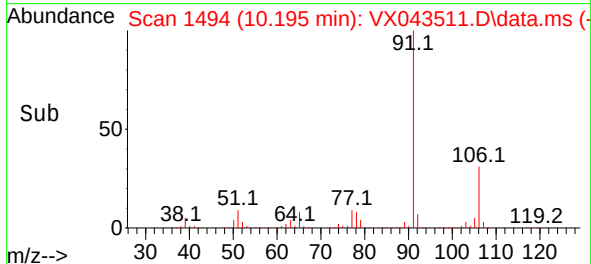
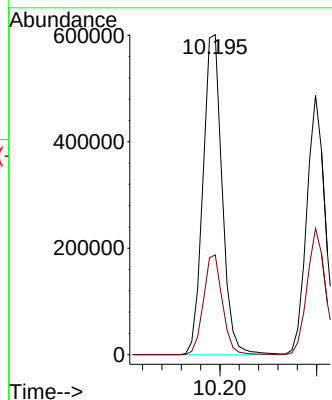
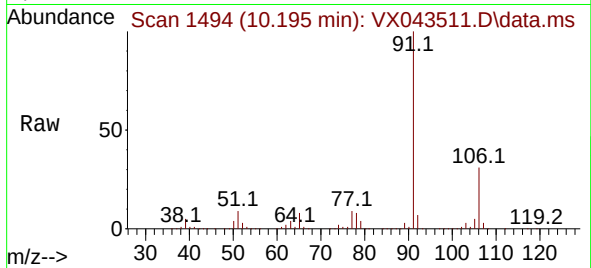
ClientSampleId :

Tgt Ion: 91 Resp: 829305

Ion Ratio Lower Upper

91 100

106 31.2 20.9 38.7



#53

m,p-Xylene

Concen: 104.661 ug/L

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX043511.D

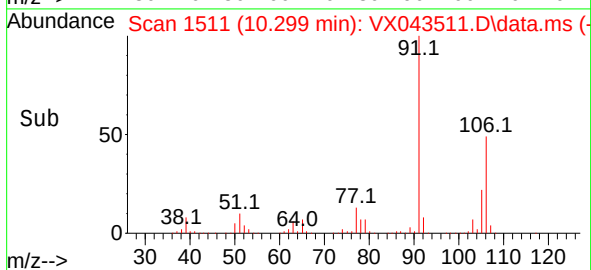
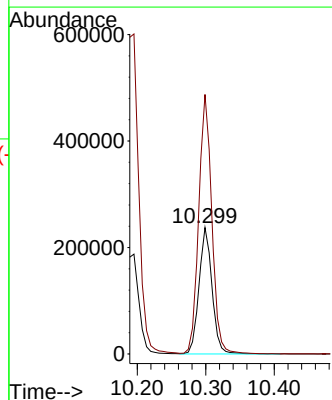
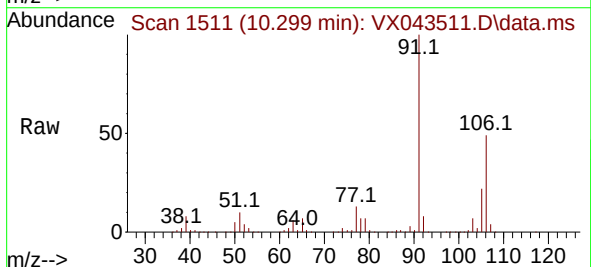
Acq: 25 Oct 2024 10:11

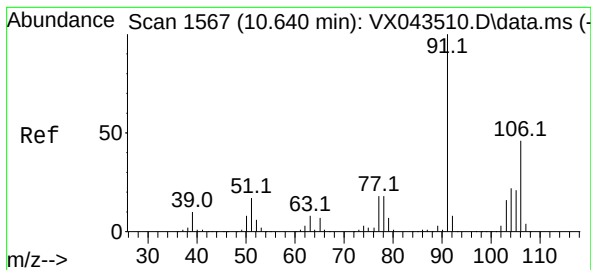
Tgt Ion:106 Resp: 315134

Ion Ratio Lower Upper

106 100

91 205.4 149.0 276.8





#54

o-Xylene

Concen: 102.863 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX043511.D

Acq: 25 Oct 2024 10:11

Instrument :

MSVOA_X

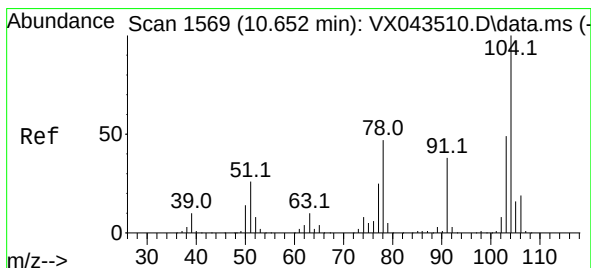
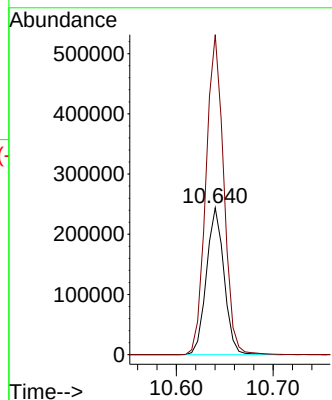
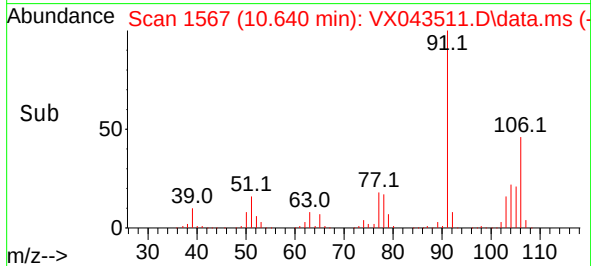
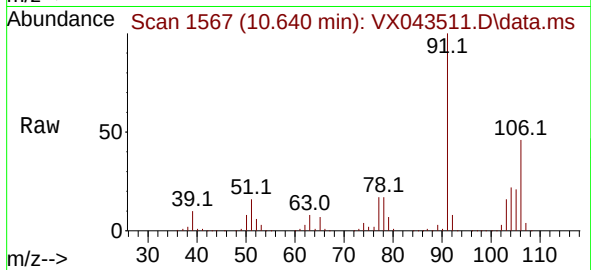
ClientSampleId :

Tgt Ion:106 Resp: 310196

Ion Ratio Lower Upper

106 100

91 217.9 152.9 284.1



#55

Styrene

Concen: 106.062 ug/L

RT: 10.652 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX043511.D

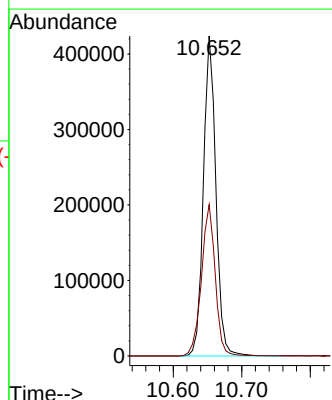
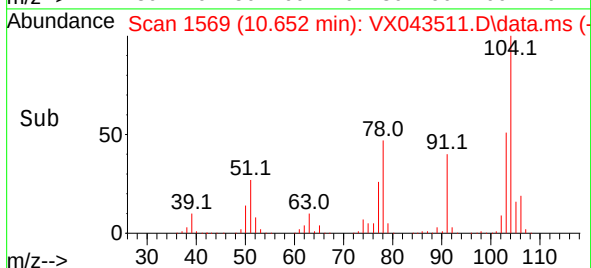
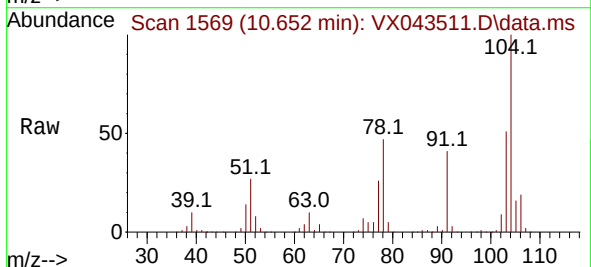
Acq: 25 Oct 2024 10:11

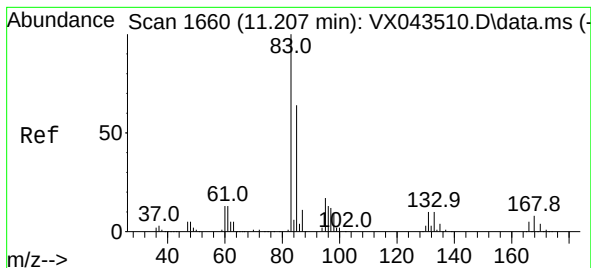
Tgt Ion:104 Resp: 537383

Ion Ratio Lower Upper

104 100

78 47.3 32.8 61.0





#57

1,1,2,2-Tetrachloroethane

Concen: 102.603 ug/L

RT: 11.207 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX043511.D

Acq: 25 Oct 2024 10:11

Instrument :

MSVOA_X

ClientSampleId :

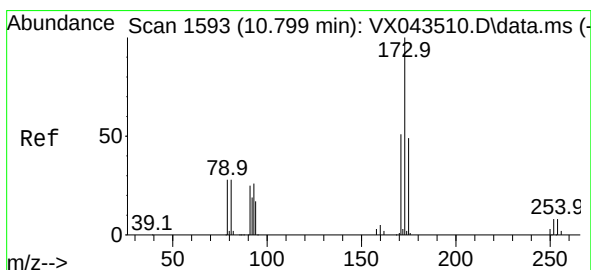
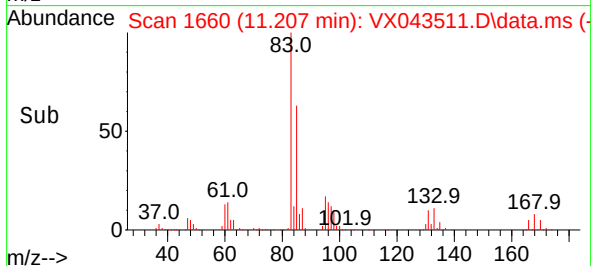
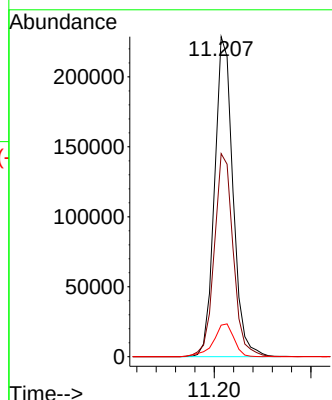
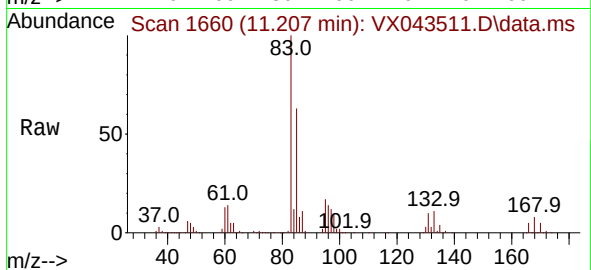
Tgt Ion: 83 Resp: 301170

Ion Ratio Lower Upper

83 100

85 63.4 44.7 82.9

131 9.9 8.2 12.4



#59

Bromoform

Concen: 108.130 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX043511.D

Acq: 25 Oct 2024 10:11

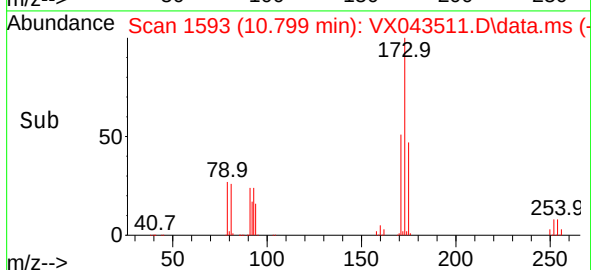
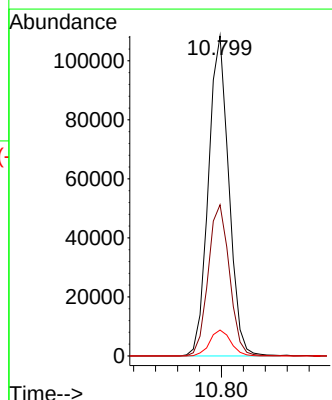
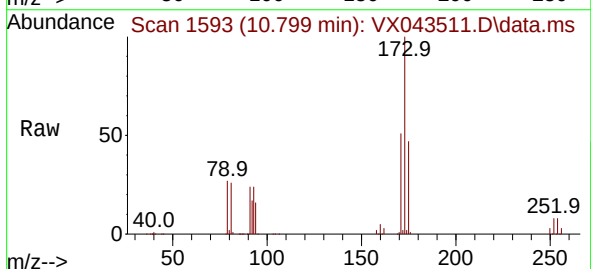
Tgt Ion:173 Resp: 140362

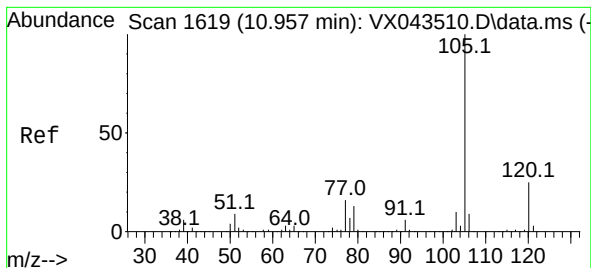
Ion Ratio Lower Upper

173 100

175 49.2 38.4 57.6

254 8.4 6.6 9.8





#60

Isopropylbenzene

Concen: 98.873 ug/L

RT: 10.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX043511.D

Acq: 25 Oct 2024 10:11

Instrument :

MSVOA_X

ClientSampleId :

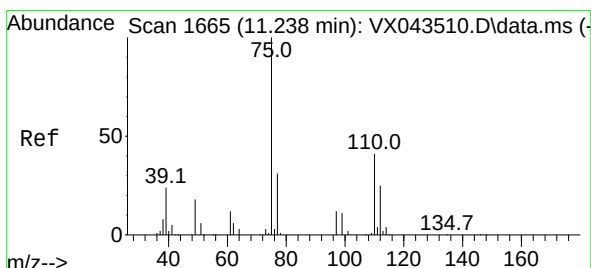
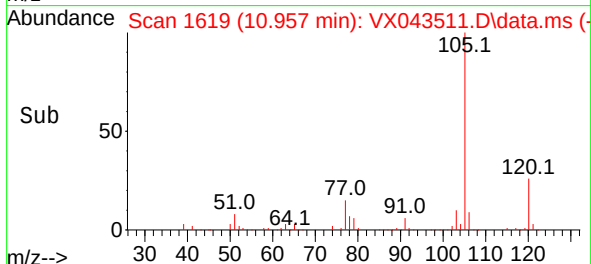
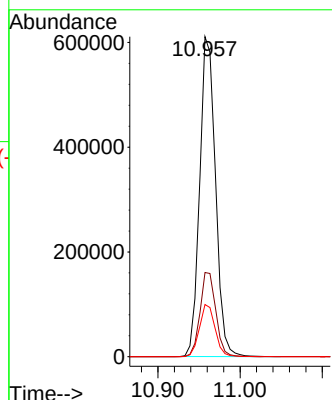
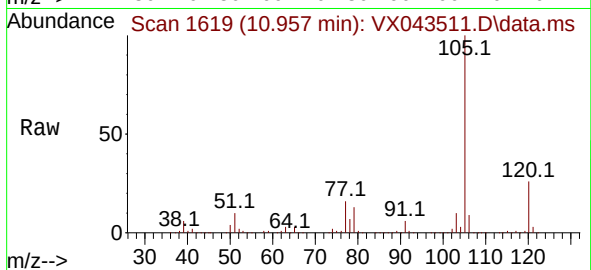
Tgt Ion:105 Resp: 817560

Ion Ratio Lower Upper

105 100

120 26.3 21.0 31.4

77 16.1 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 98.617 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX043511.D

Acq: 25 Oct 2024 10:11

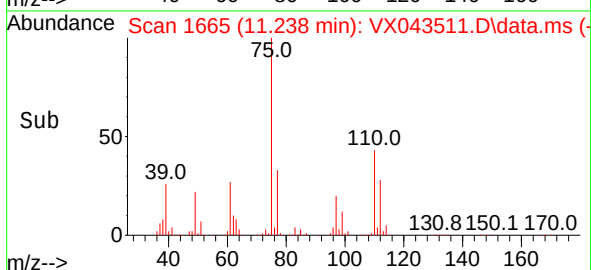
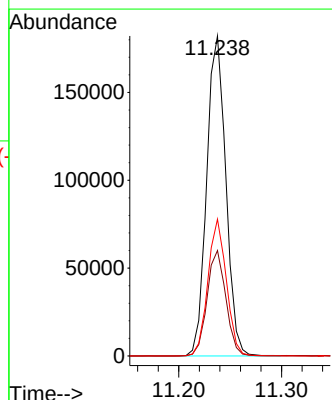
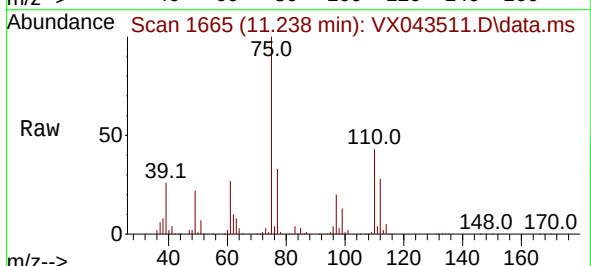
Tgt Ion: 75 Resp: 235839

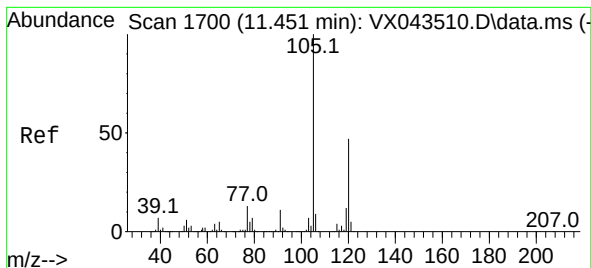
Ion Ratio Lower Upper

75 100

77 32.4 25.5 38.3

110 41.3 33.3 49.9





#62

1,3,5-Trimethylbenzene

Concen: 101.445 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX043511.D

Acq: 25 Oct 2024 10:11

Instrument :

MSVOA_X

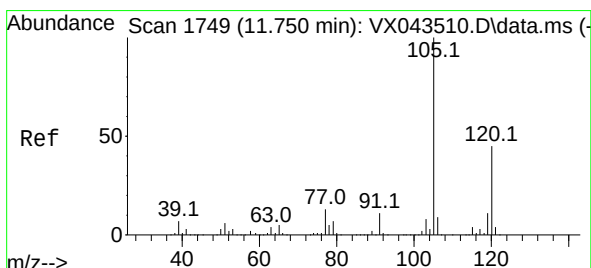
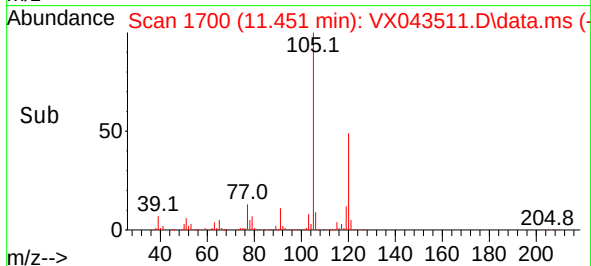
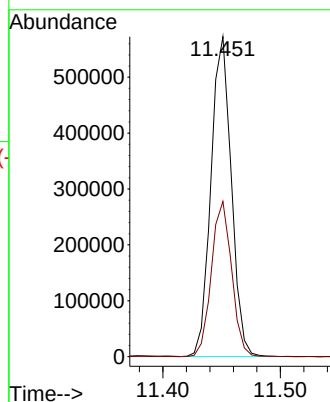
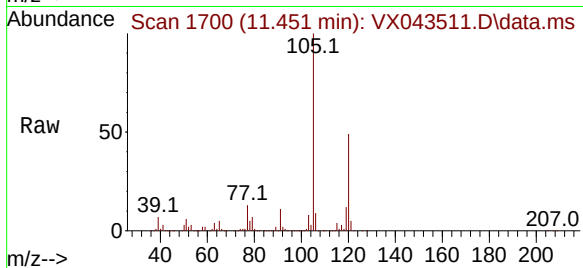
ClientSampleId :

Tgt Ion:105 Resp: 688092

Ion Ratio Lower Upper

105 100

120 48.3 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 101.850 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX043511.D

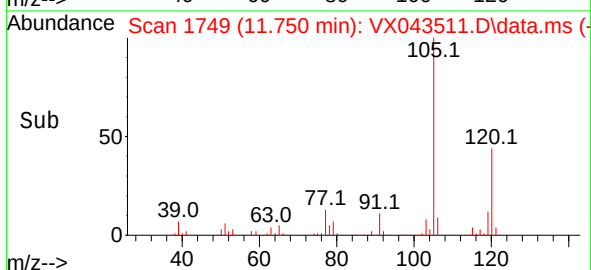
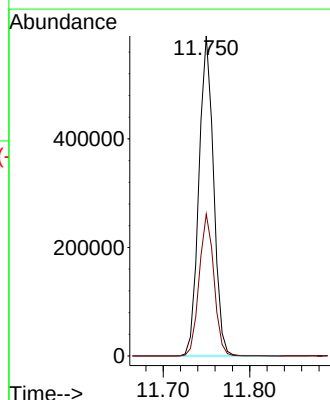
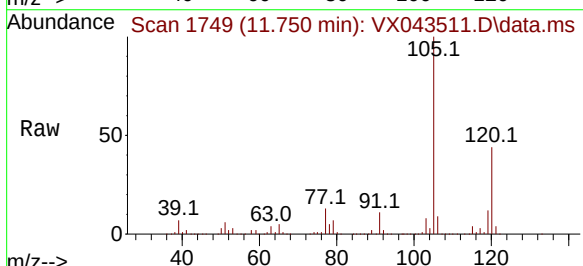
Acq: 25 Oct 2024 10:11

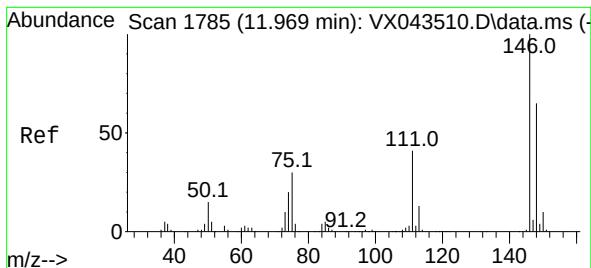
Tgt Ion:105 Resp: 691643

Ion Ratio Lower Upper

105 100

120 44.6 35.8 53.8





#64

1,3-Dichlorobenzene

Concen: 99.964 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

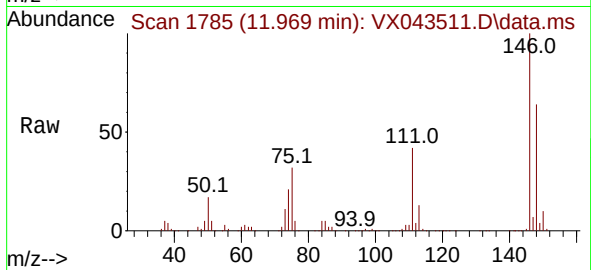
Lab File: VX043511.D

Acq: 25 Oct 2024 10:11

Instrument :

MSVOA_X

ClientSampleId :



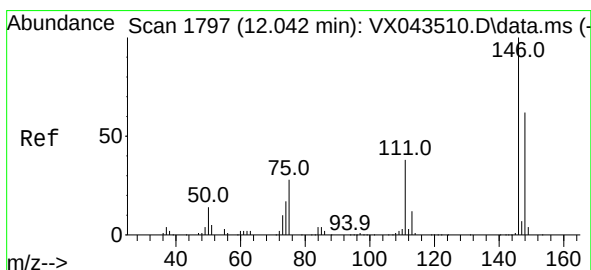
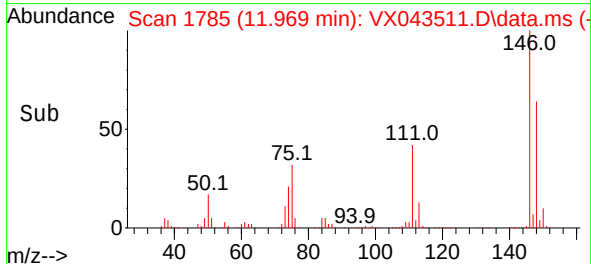
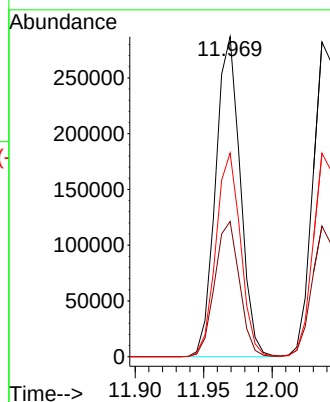
Tgt Ion:146 Resp: 358790

Ion Ratio Lower Upper

146 100

111 42.2 28.6 53.0

148 63.6 45.8 85.0



#65

1,4-Dichlorobenzene

Concen: 99.330 ug/L

RT: 12.036 min Scan# 1796

Delta R.T. -0.006 min

Lab File: VX043511.D

Acq: 25 Oct 2024 10:11

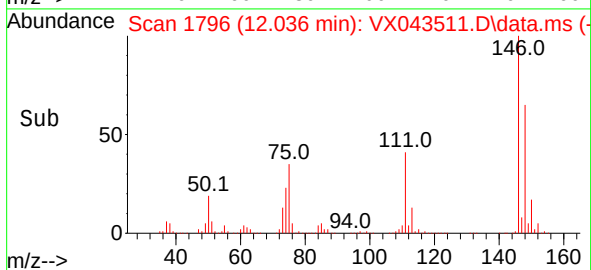
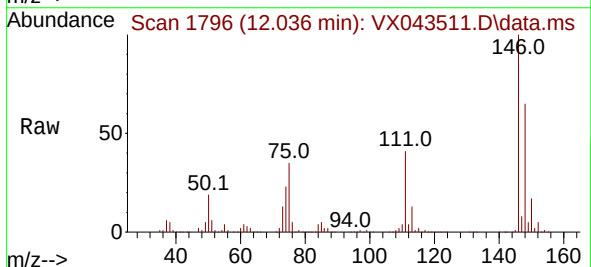
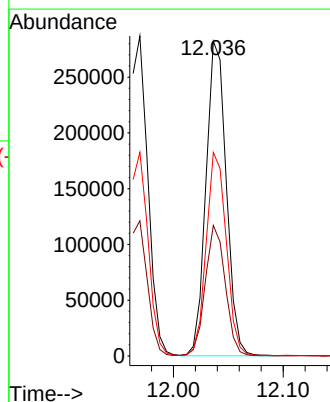
Tgt Ion:146 Resp: 363002

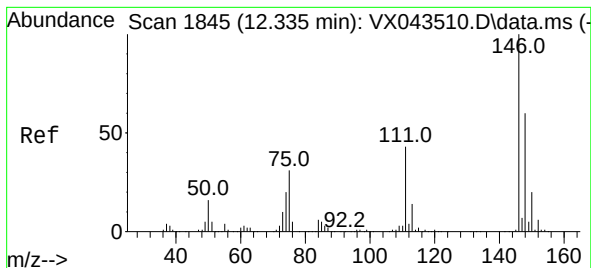
Ion Ratio Lower Upper

146 100

111 41.5 26.8 49.8

148 64.7 43.4 80.6





#67

1,2-Dichlorobenzene

Concen: 99.446 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX043511.D

Acq: 25 Oct 2024 10:11

Instrument :

MSVOA_X

ClientSampleId :

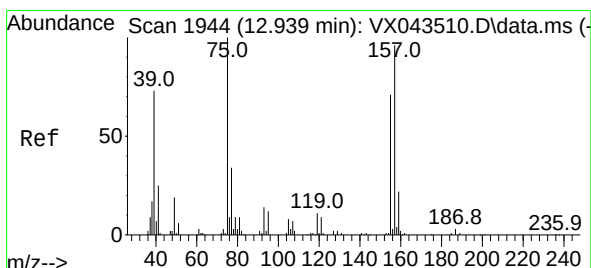
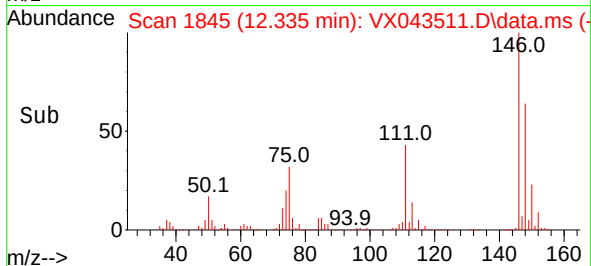
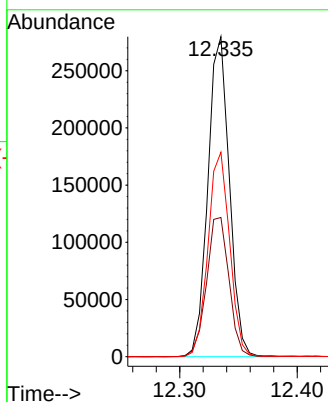
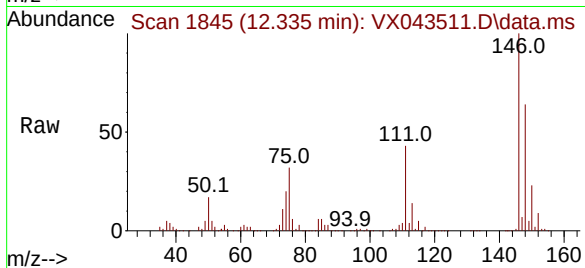
Tgt Ion:146 Resp: 354878

Ion Ratio Lower Upper

146 100

111 43.5 34.6 51.8

148 63.9 48.2 72.4



#68

1,2-Dibromo-3-chloropropane

Concen: 107.571 ug/L

RT: 12.939 min Scan# 1944

Delta R.T. 0.000 min

Lab File: VX043511.D

Acq: 25 Oct 2024 10:11

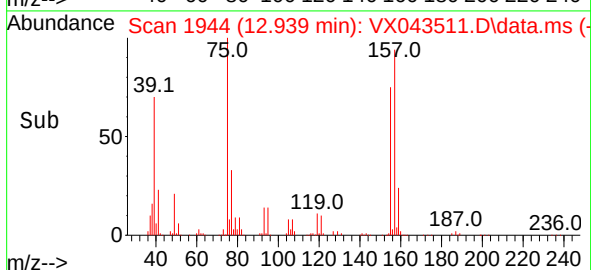
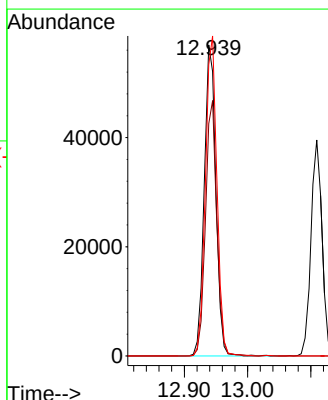
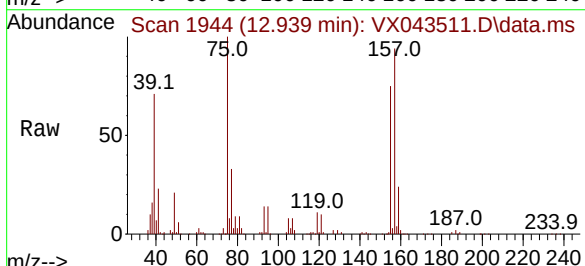
Tgt Ion: 75 Resp: 72942

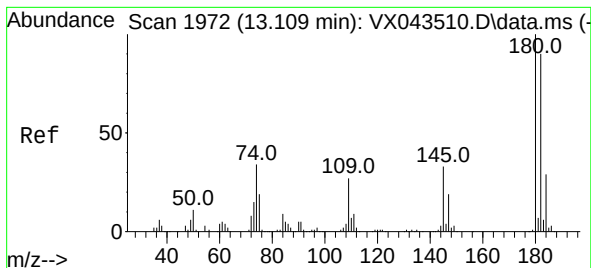
Ion Ratio Lower Upper

75 100

155 74.7 56.9 85.3

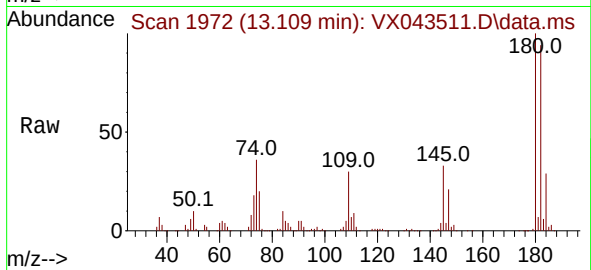
157 93.7 76.8 115.2



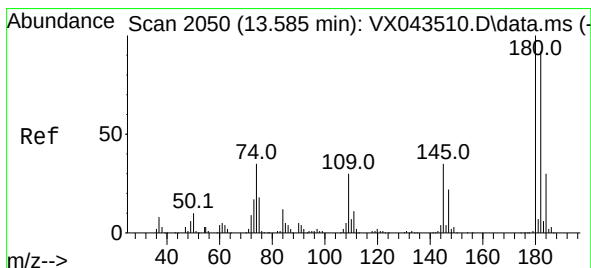
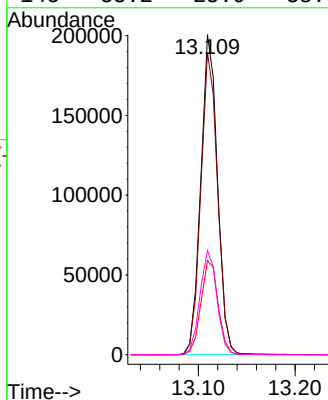
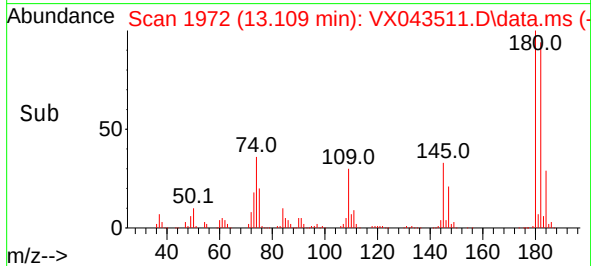


#69
1,3,5-Trichlorobenzene
Concen: 99.977 ug/L
RT: 13.109 min Scan# 1972
Delta R.T. 0.000 min
Lab File: VX043511.D
Acq: 25 Oct 2024 10:11

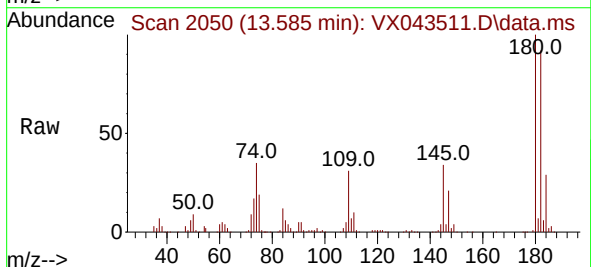
Instrument :
MSVOA_X
ClientSampleId :



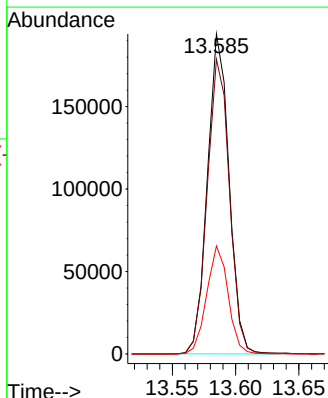
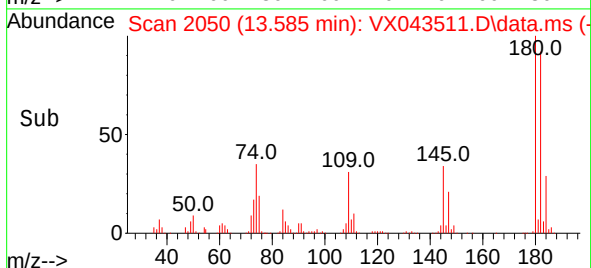
Tgt Ion:180 Resp: 241094
Ion Ratio Lower Upper
180 100
182 94.8 74.1 111.1
184 30.2 23.1 34.7
145 33.2 25.9 38.9

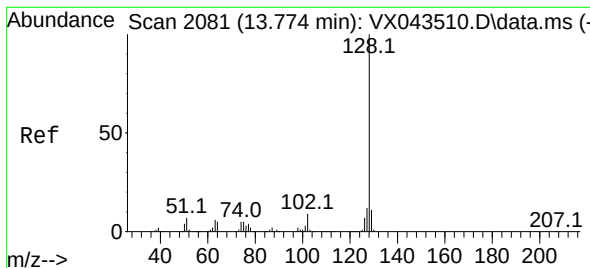


#70
1,2,4-trichlorobenzene
Concen: 102.307 ug/L
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX043511.D
Acq: 25 Oct 2024 10:11



Tgt Ion:180 Resp: 231081
Ion Ratio Lower Upper
180 100
182 94.5 74.9 112.3
145 33.5 26.6 40.0





#71

Naphthalene

Concen: 103.577 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX043511.D

Acq: 25 Oct 2024 10:11

Instrument :

MSVOA_X

ClientSampleId :

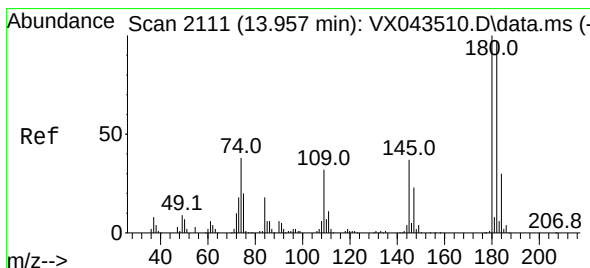
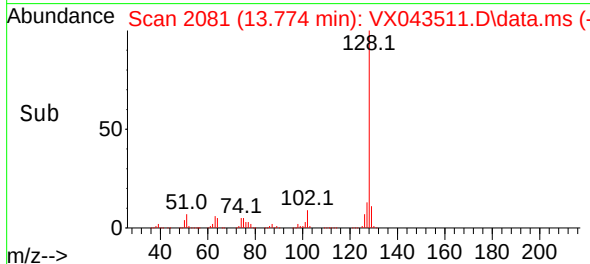
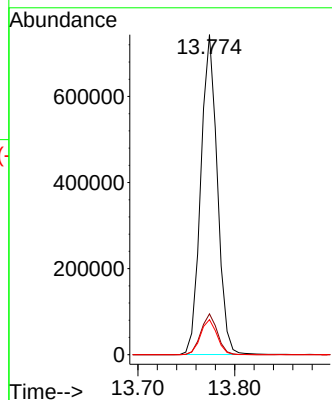
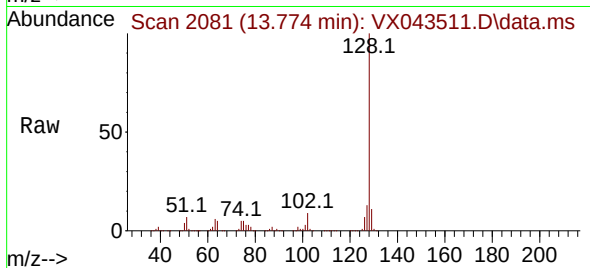
Tgt Ion:128 Resp: 883303

Ion Ratio Lower Upper

128 100

127 12.8 10.1 15.1

129 11.0 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 101.623 ug/L

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX043511.D

Acq: 25 Oct 2024 10:11

Tgt Ion:180 Resp: 229661

Ion Ratio Lower Upper

180 100

182 96.1 77.4 116.0

145 35.9 28.6 43.0

