

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102524\
 Data File : VX043512.D
 Acq On : 25 Oct 2024 10:34
 Operator : JC/MD
 Sample : VSTD200
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 25 23:56:21 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	6.757	114	279134	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	250856	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	123923	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	300845	198.125	ug/L	0.00
7) Chloroethane-d5	1.654	69	226482	186.247	ug/L	-0.01
11) 1,1-Dichloroethene-d2	2.300	65	144273	201.202	ug/L	0.00
21) 2-Butanone-d5	4.452	46	458305	362.340	ug/L	0.00
24) Chloroform-d	5.056	84	710348	202.267	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	454302	192.524	ug/L	0.00
32) Benzene-d6	5.971	84	1257885	197.533	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.306	67	397890	200.724	ug/L	0.00
41) Toluene-d8	8.647	98	1133861	194.486	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.946	79	217578	208.634	ug/L	0.00
47) 2-Hexanone-d5	9.385	63	408507	415.509	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	588440	199.402	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	428993	190.725	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	430167	198.419	ug/L	100
3) Chloromethane	1.295	50	410029	205.627	ug/L	99
5) Vinyl chloride	1.374	62	396270	201.026	ug/L	97
6) Bromomethane	1.599	94	163067	140.148	ug/L	99
8) Chloroethane	1.673	64	214511	183.520	ug/L	100
9) Trichlorofluoromethane	1.880	101	572003	194.506	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	341861	194.121	ug/L	99
12) 1,1-Dichloroethene	2.313	96	310110	200.984	ug/L	93
13) Acetone	2.380	43	394780	342.817	ug/L	99
14) Carbon disulfide	2.508	76	809600	213.346	ug/L	100
15) Methyl Acetate	2.703	43	418207	195.089	ug/L	100
16) Methylene chloride	2.788	84	357543	200.059	ug/L	99
17) trans-1,2-Dichloroethene	3.087	96	327518	201.856	ug/L	98
18) Methyl tert-butyl Ether	3.111	73	1222063	202.743	ug/L	100
19) 1,1-Dichloroethane	3.605	63	641736	200.615	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	398226	205.709	ug/L	98
22) 2-Butanone	4.556	43	612339	403.877	ug/L	99
23) Bromochloromethane	4.898	128	202097	199.269	ug/L	97
25) Chloroform	5.093	83	691473	199.651	ug/L	99
27) 1,2-Dichloroethane	6.080	62	552589	196.724	ug/L	97
29) Cyclohexane	5.465	56	560935	195.264	ug/L	100
30) 1,1,1-Trichloroethane	5.379	97	617253	199.492	ug/L	99
31) Carbon tetrachloride	5.672	117	534238	201.143	ug/L	98
33) Benzene	6.038	78	1350144	197.274	ug/L	100
34) Trichloroethene	7.123	95	374557	199.258	ug/L	96
35) Methylcyclohexane	7.379	83	563012	194.650	ug/L	99
37) 1,2-Dichloropropane	7.428	63	363433	199.312	ug/L	99
38) Bromodichloromethane	7.818	83	527797	210.246	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	644329	213.764	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	1155028	406.550	ug/L	100
42) Toluene	8.714	91	1429470	197.313	ug/L	97
44) trans-1,3-Dichloropropene	8.976	75	615850	218.186	ug/L	98

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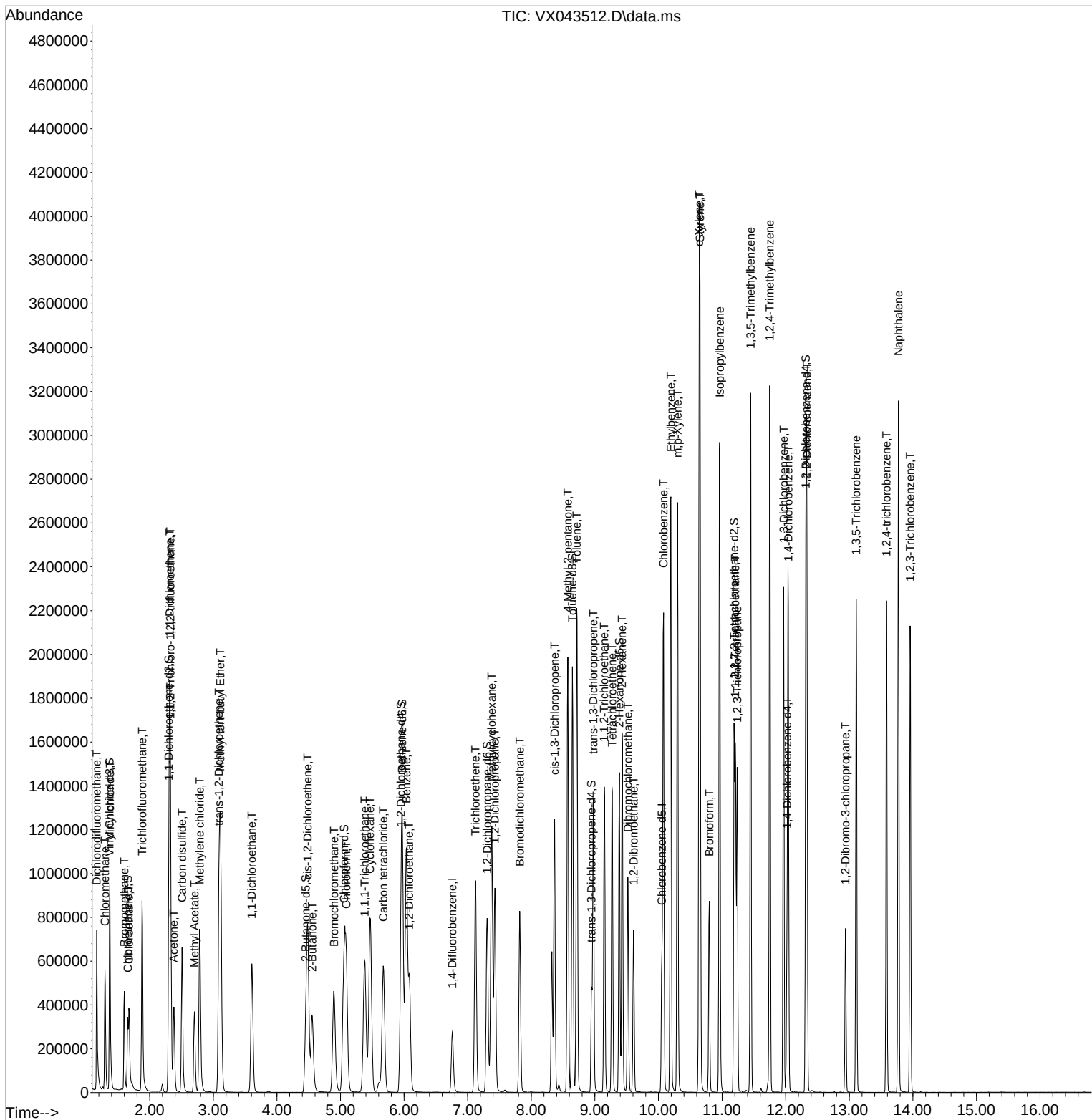
Instrument :
 MSVOA_X
 ClientSampleId :

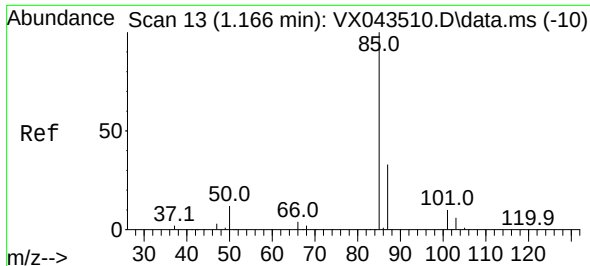
Quant Time: Oct 25 23:56:21 2024
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.147	97	373807	199.109	ug/L	99
46) Tetrachloroethene	9.275	164	262965	195.171	ug/L	97
48) 2-Hexanone	9.427	43	871304	401.485	ug/L	98
49) Dibromochloromethane	9.519	129	403779	217.294	ug/L	97
50) 1,2-Dibromoethane	9.610	107	405404	202.115	ug/L	100
51) Chlorobenzene	10.080	112	951718	198.964	ug/L	99
52) Ethylbenzene	10.195	91	1636499	201.352	ug/L	98
53) m,p-Xylene	10.299	106	614520	202.217	ug/L	97
54) o-Xylene	10.640	106	606667	199.327	ug/L	99
55) Styrene	10.653	104	1062512	207.780	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.207	83	585672	197.694	ug/L	99
59) Bromoform	10.799	173	294929	220.651	ug/L	100
60) Isopropylbenzene	10.964	105	1601236	188.063	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	460157	186.868	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	1358701	194.535	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	1366068	195.363	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	719888	194.786	ug/L	100
65) 1,4-Dichlorobenzene	12.043	146	718161	190.845	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	718443	195.520	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.939	75	148552	212.759	ug/L	98
69) 1,3,5-Trichlorobenzene	13.109	180	492225	198.229	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	476844	205.025	ug/L	98
71) Naphthalene	13.774	128	1793194	204.208	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	465124	199.877	ug/L	99

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

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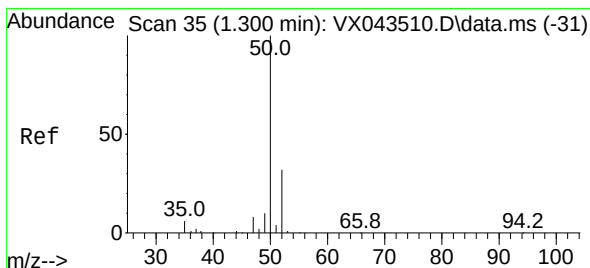
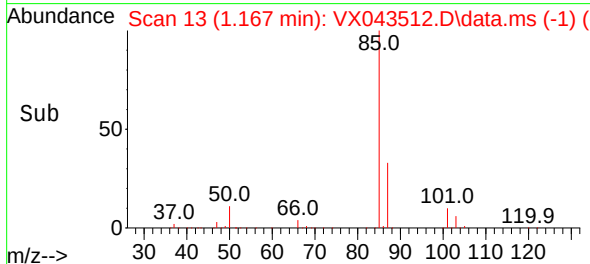
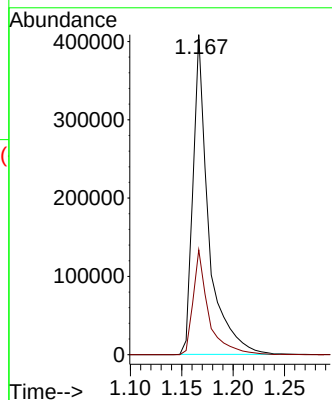
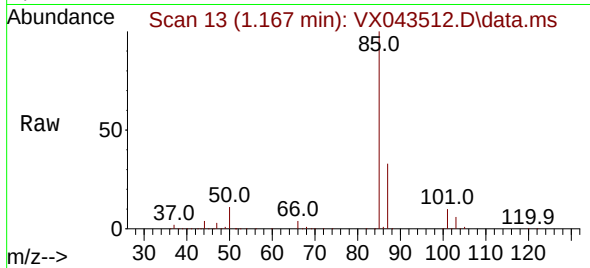




#2
 Dichlorodifluoromethane
 Concen: 198.419 ug/L
 RT: 1.167 min Scan# 14
 Delta R.T. 0.000 min
 Lab File: VX043512.D
 Acq: 25 Oct 2024 10:34

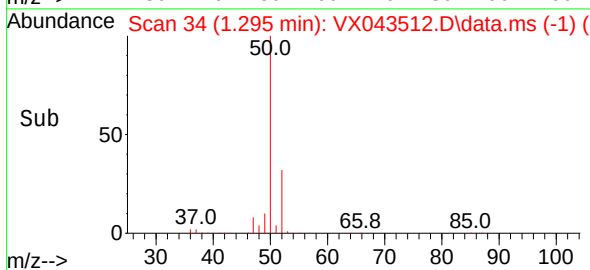
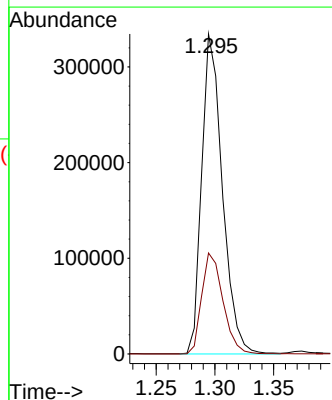
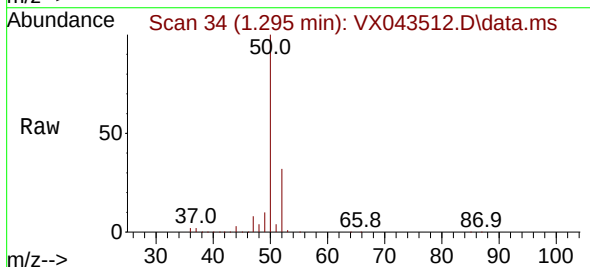
Instrument :
 MSVOA_X
 ClientSampleId :

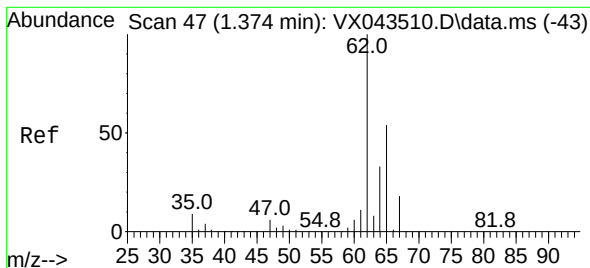
Tgt Ion: 85 Resp: 430167
 Ion Ratio Lower Upper
 85 100
 87 32.5 26.0 39.0



#3
 Chloromethane
 Concen: 205.627 ug/L
 RT: 1.295 min Scan# 34
 Delta R.T. -0.006 min
 Lab File: VX043512.D
 Acq: 25 Oct 2024 10:34

Tgt Ion: 50 Resp: 410029
 Ion Ratio Lower Upper
 50 100
 52 31.6 22.6 42.0





#5

Vinyl chloride

Concen: 201.026 ug/L

RT: 1.374 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX043512.D

Acq: 25 Oct 2024 10:34

Instrument :

MSVOA_X

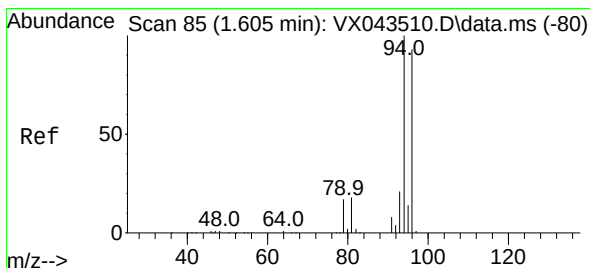
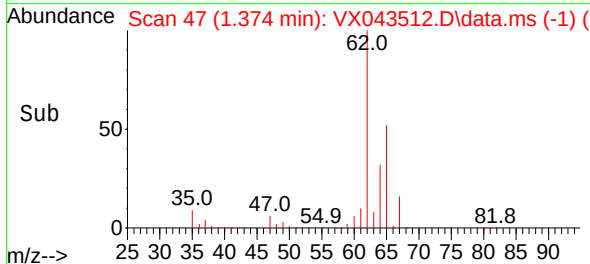
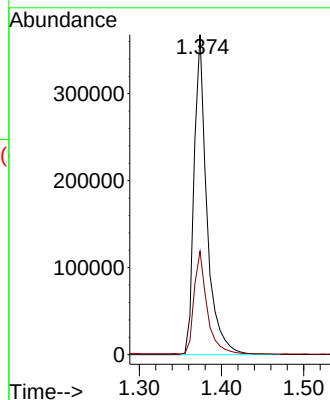
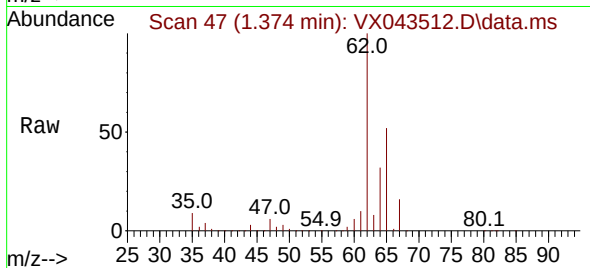
ClientSampleId :

Tgt Ion: 62 Resp: 396270

Ion Ratio Lower Upper

62 100

64 32.3 23.9 44.5



#6

Bromomethane

Concen: 140.148 ug/L

RT: 1.599 min Scan# 84

Delta R.T. -0.006 min

Lab File: VX043512.D

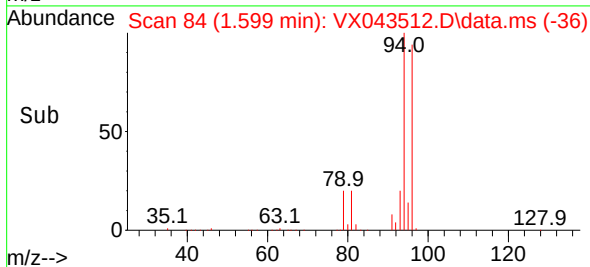
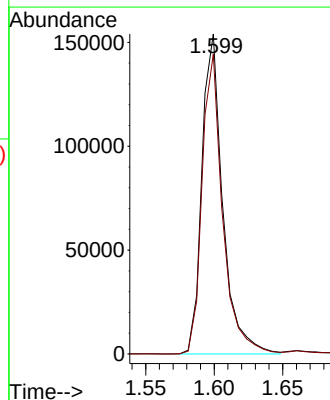
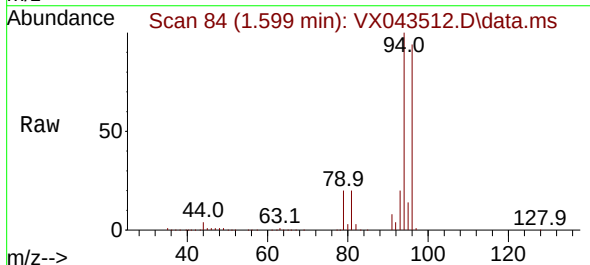
Acq: 25 Oct 2024 10:34

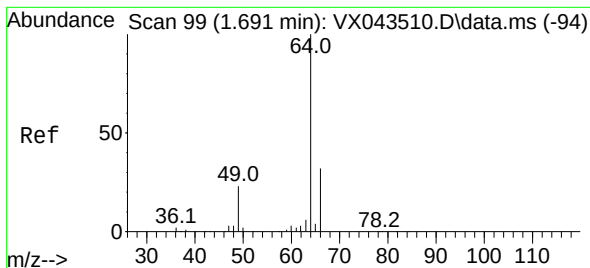
Tgt Ion: 94 Resp: 163067

Ion Ratio Lower Upper

94 100

96 93.7 65.2 121.2





#8

Chloroethane

Concen: 183.520 ug/L

RT: 1.673 min Scan# 90

Delta R.T. -0.018 min

Lab File: VX043512.D

Acq: 25 Oct 2024 10:34

Instrument :

MSVOA_X

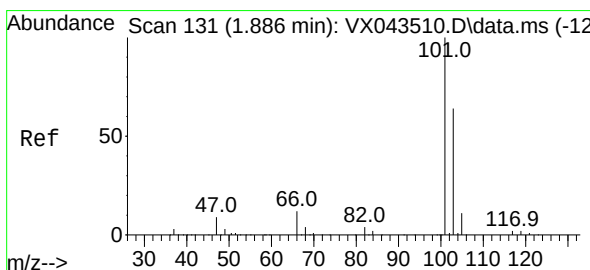
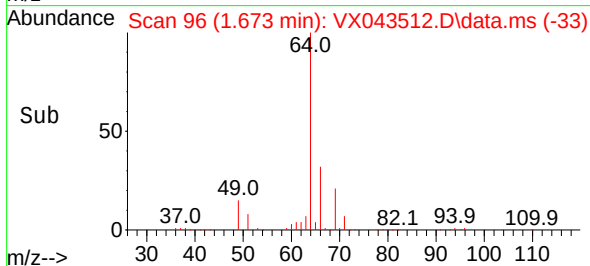
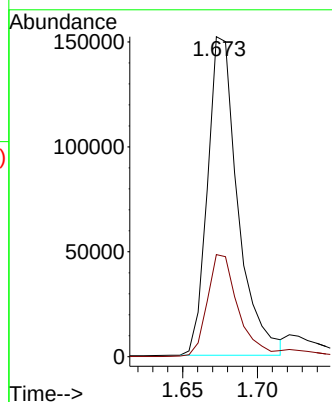
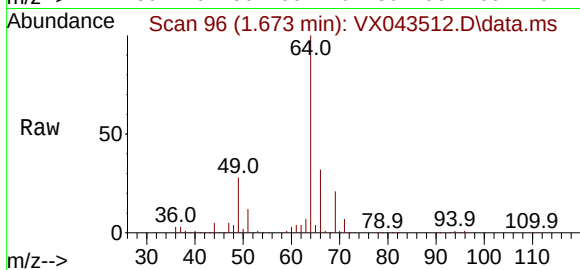
ClientSampleId :

Tgt Ion: 64 Resp: 214511

Ion Ratio Lower Upper

64 100

66 31.9 22.5 41.7



#9

Trichlorofluoromethane

Concen: 194.506 ug/L

RT: 1.880 min Scan# 130

Delta R.T. -0.006 min

Lab File: VX043512.D

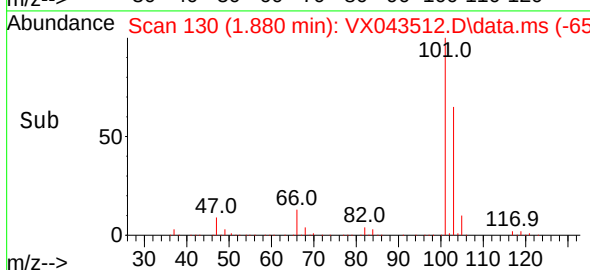
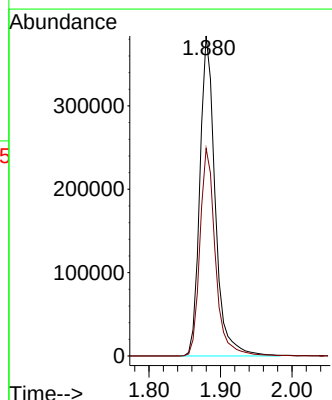
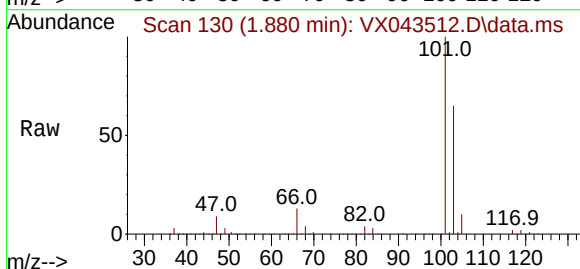
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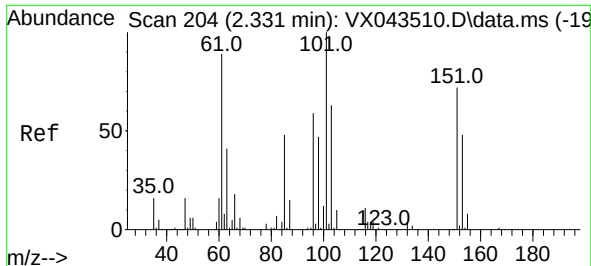
Tgt Ion:101 Resp: 572003

Ion Ratio Lower Upper

101 100

103 65.1 51.7 77.5

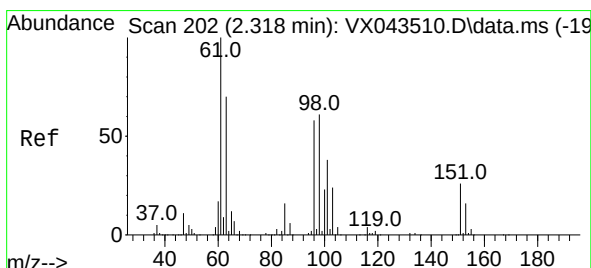
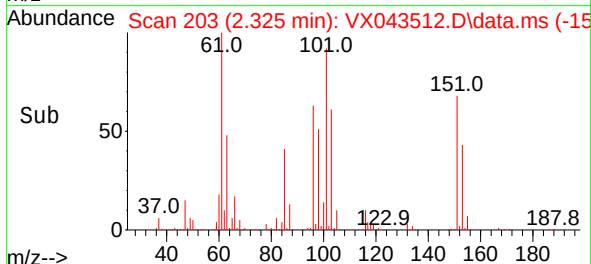
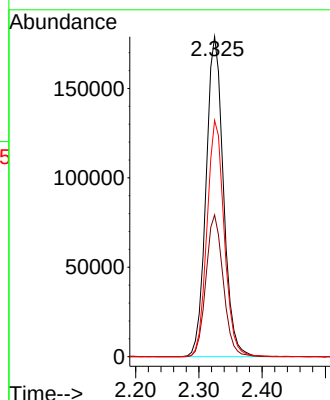
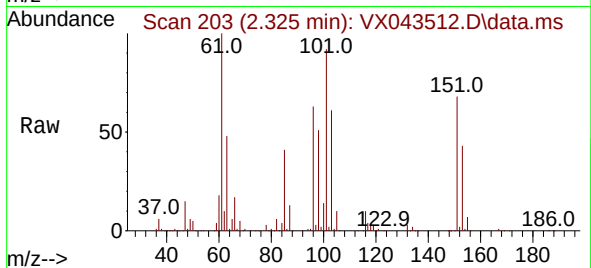




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 194.121 ug/L
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX043512.D
Acq: 25 Oct 2024 10:34

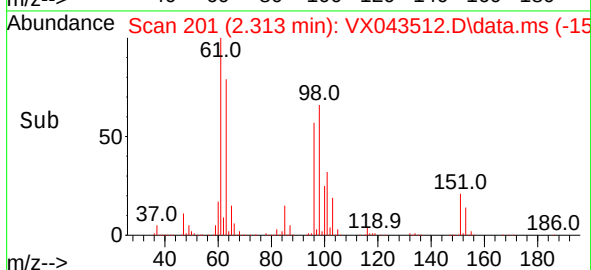
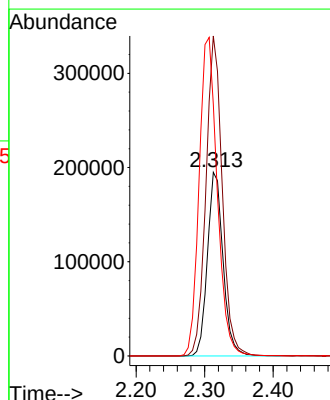
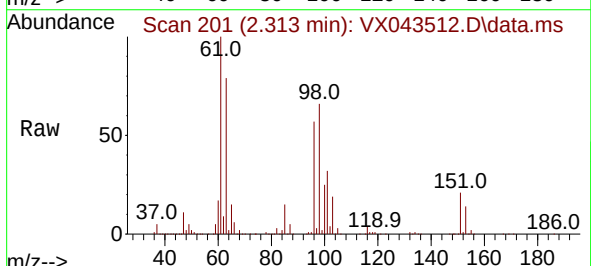
Instrument :
MSVOA_X
ClientSampleId :

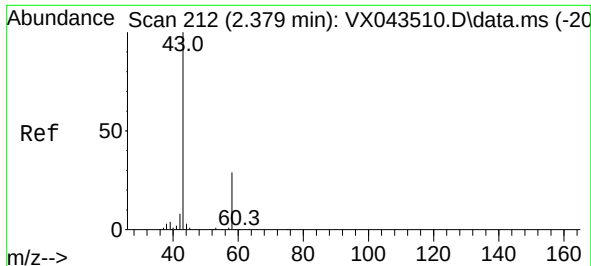
Tgt Ion:101 Resp: 341861
Ion Ratio Lower Upper
101 100
85 44.1 35.6 53.4
151 73.2 57.7 86.5



#12
1,1-Dichloroethene
Concen: 200.984 ug/L
RT: 2.313 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX043512.D
Acq: 25 Oct 2024 10:34

Tgt Ion: 96 Resp: 310110
Ion Ratio Lower Upper
96 100
61 174.2 119.8 222.6
63 137.0 85.0 158.0

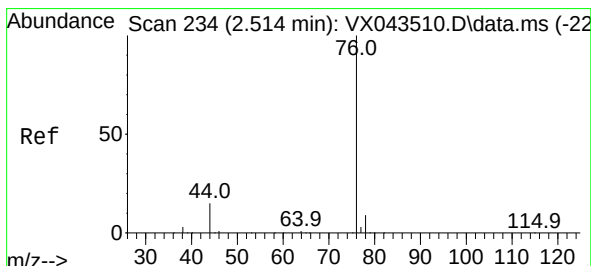
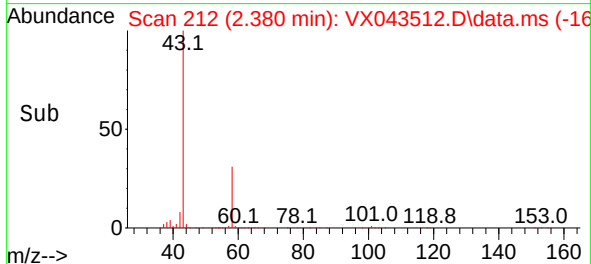
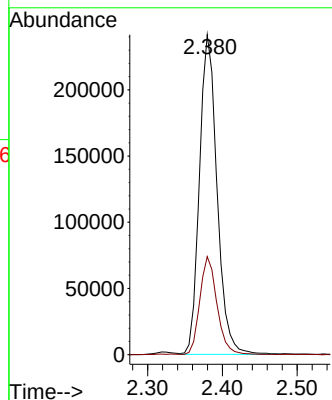
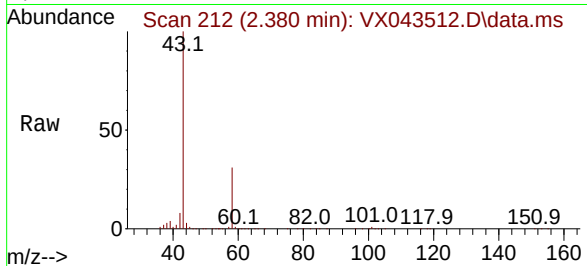




#13
Acetone
Concen: 342.817 ug/L
RT: 2.380 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX043512.D
Acq: 25 Oct 2024 10:34

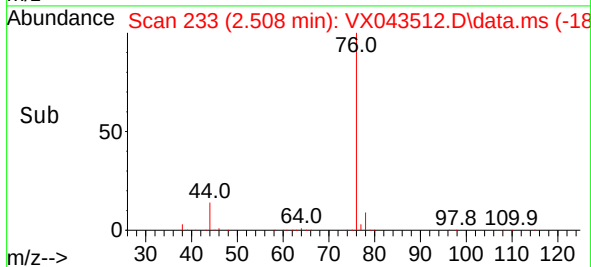
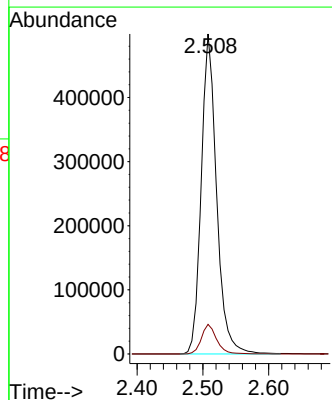
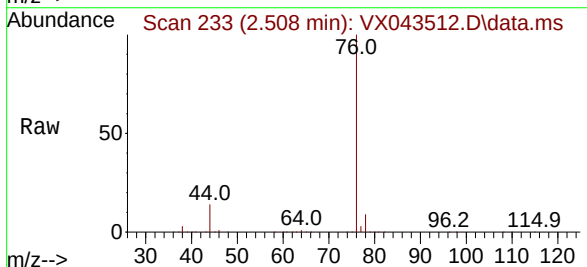
Instrument :
MSVOA_X
ClientSampleId :

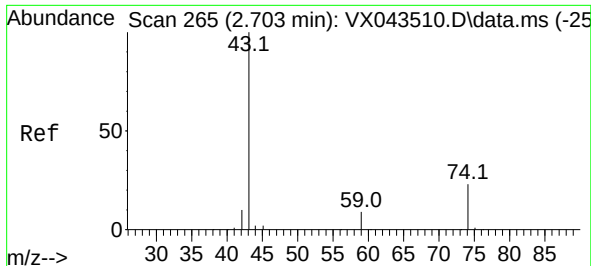
Tgt Ion: 43 Resp: 394780
Ion Ratio Lower Upper
43 100
58 30.0 0.0 59.2



#14
Carbon disulfide
Concen: 213.346 ug/L
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX043512.D
Acq: 25 Oct 2024 10:34

Tgt Ion: 76 Resp: 809600
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3





#15

Methyl Acetate

Concen: 195.089 ug/L

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX043512.D

Acq: 25 Oct 2024 10:34

Instrument :

MSVOA_X

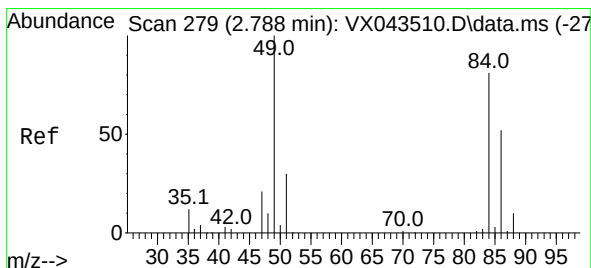
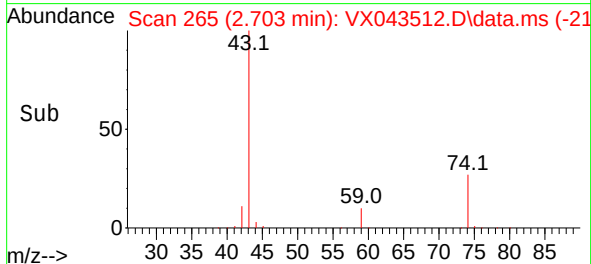
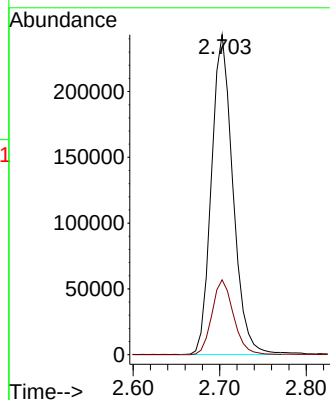
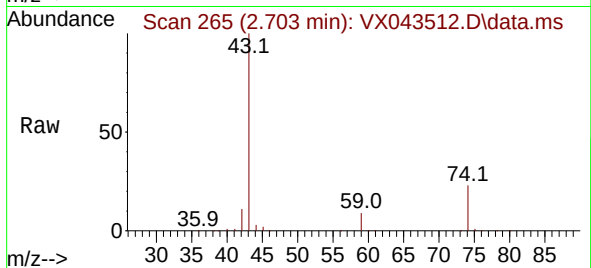
ClientSampleId :

Tgt Ion: 43 Resp: 418207

Ion Ratio Lower Upper

43 100

74 23.5 18.7 28.1



#16

Methylene chloride

Concen: 200.059 ug/L

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX043512.D

Acq: 25 Oct 2024 10:34

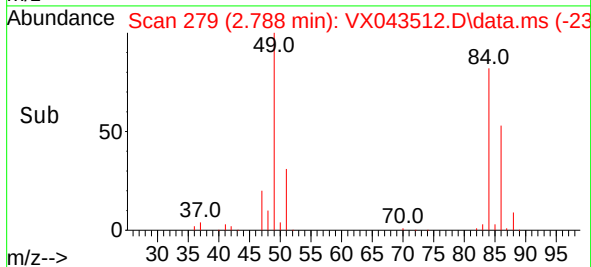
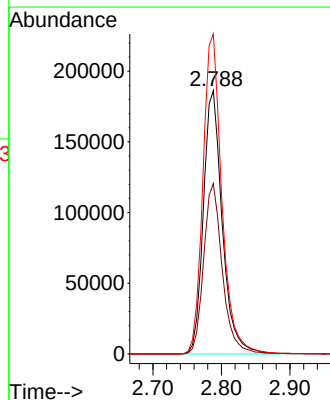
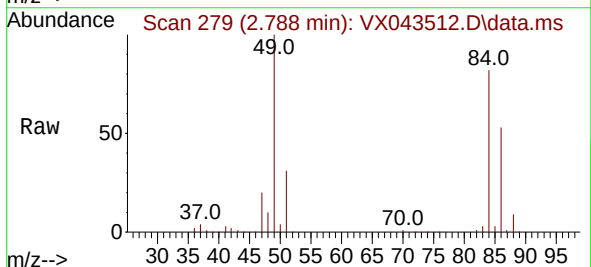
Tgt Ion: 84 Resp: 357543

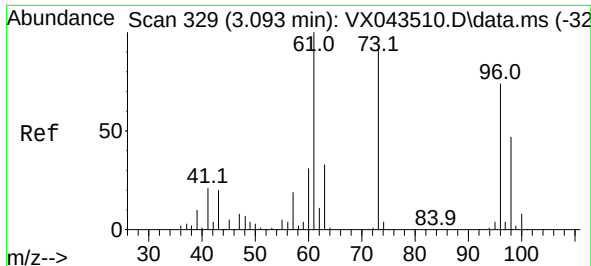
Ion Ratio Lower Upper

84 100

86 64.7 44.7 82.9

49 121.5 86.2 160.2





#17

trans-1,2-Dichloroethene

Concen: 201.856 ug/L

RT: 3.087 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX043512.D

Acq: 25 Oct 2024 10:34

Instrument :

MSVOA_X

ClientSampleId :

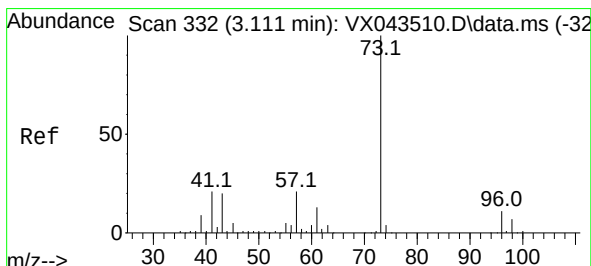
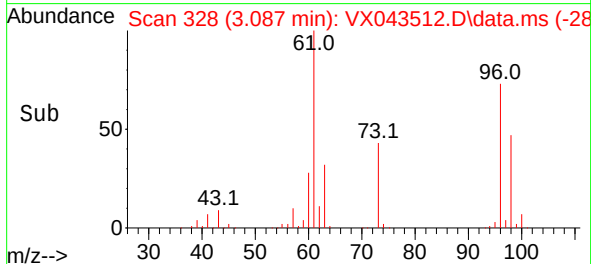
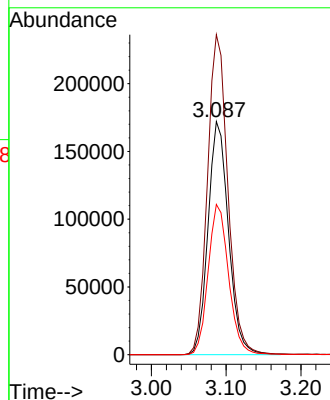
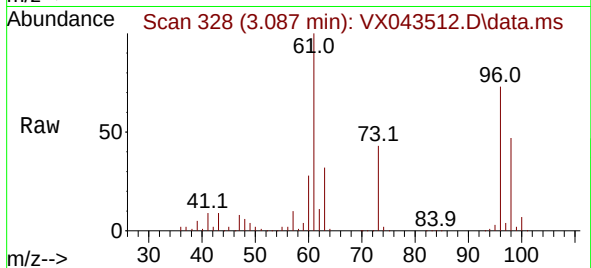
Tgt Ion: 96 Resp: 327518

Ion Ratio Lower Upper

96 100

61 137.2 94.3 175.1

98 64.5 44.3 82.3



#18

Methyl tert-butyl Ether

Concen: 202.743 ug/L

RT: 3.111 min Scan# 332

Delta R.T. 0.000 min

Lab File: VX043512.D

Acq: 25 Oct 2024 10:34

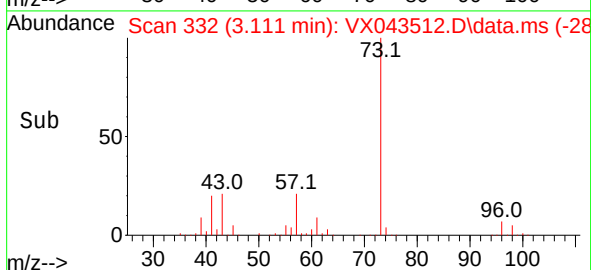
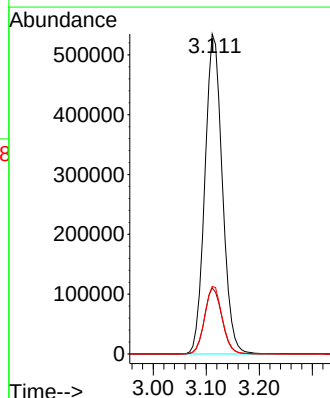
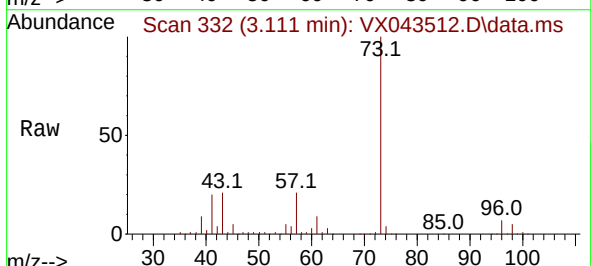
Tgt Ion: 73 Resp: 1222063

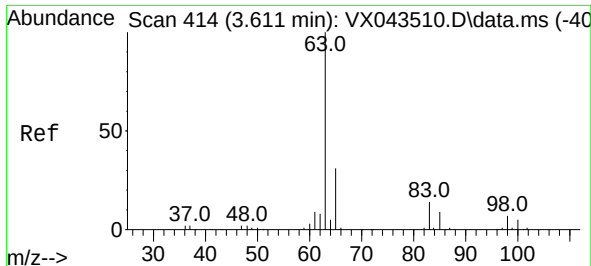
Ion Ratio Lower Upper

73 100

43 20.6 16.7 25.1

57 21.2 17.0 25.6





#19

1,1-Dichloroethane

Concen: 200.615 ug/L

RT: 3.605 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX043512.D

Acq: 25 Oct 2024 10:34

Instrument :

MSVOA_X

ClientSampleId :

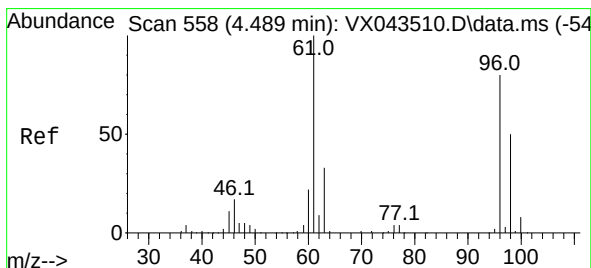
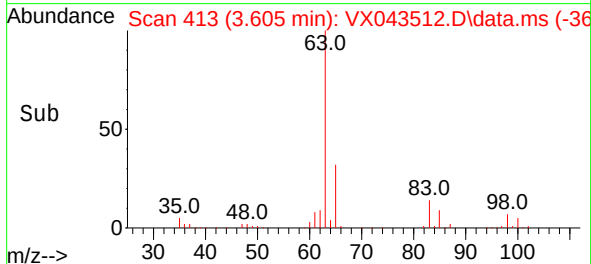
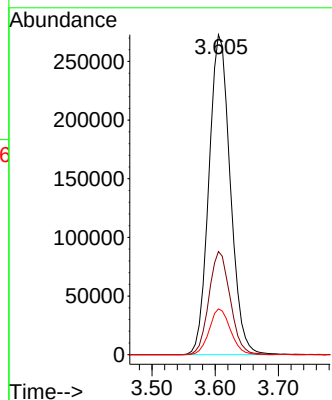
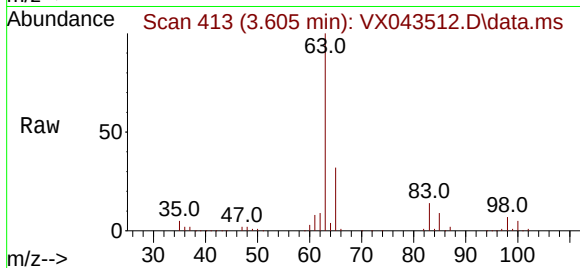
Tgt Ion: 63 Resp: 641736

Ion Ratio Lower Upper

63 100

65 32.2 21.8 40.6

83 14.3 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 205.709 ug/L

RT: 4.483 min Scan# 557

Delta R.T. -0.006 min

Lab File: VX043512.D

Acq: 25 Oct 2024 10:34

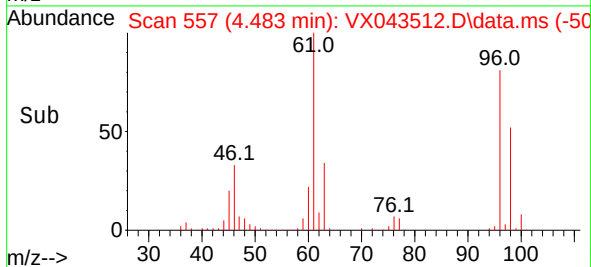
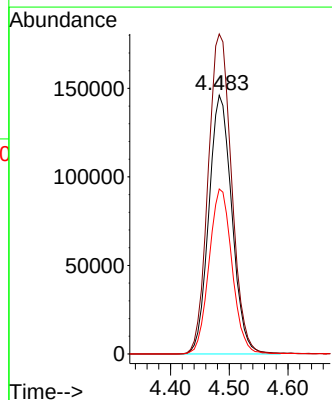
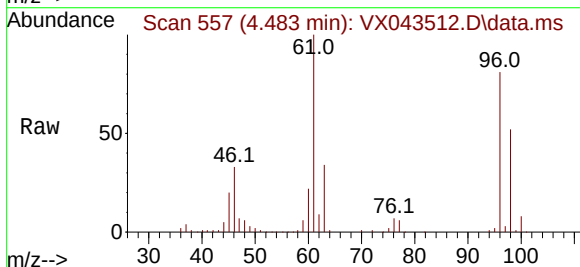
Tgt Ion: 96 Resp: 398226

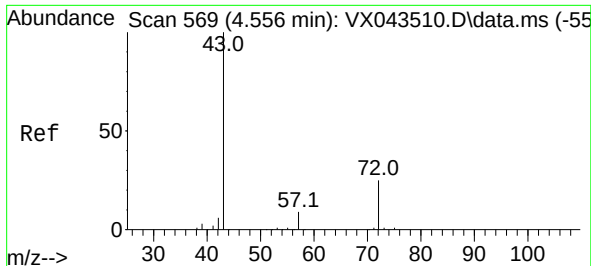
Ion Ratio Lower Upper

96 100

61 123.7 87.9 163.3

98 63.8 44.0 81.6





#22

2-Butanone

Concen: 403.877 ug/L

RT: 4.556 min Scan# 5

Delta R.T. 0.000 min

Lab File: VX043512.D

Acq: 25 Oct 2024 10:34

Instrument :

MSVOA_X

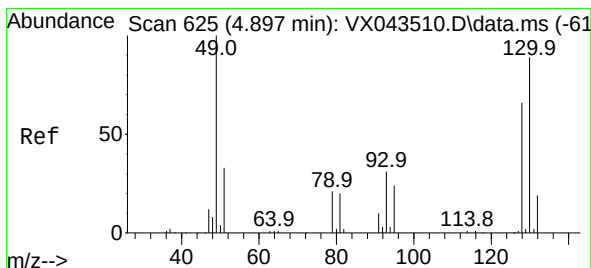
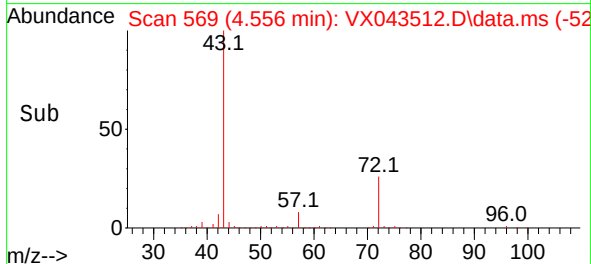
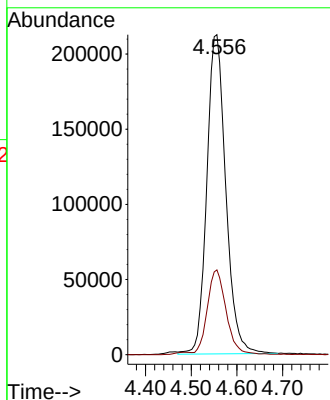
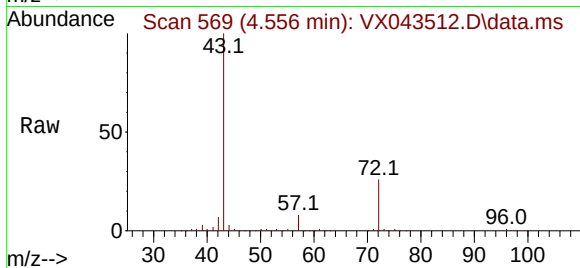
ClientSampleId :

Tgt Ion: 43 Resp: 612339

Ion Ratio Lower Upper

43 100

72 26.3 13.4 40.1



#23

Bromochloromethane

Concen: 199.269 ug/L

RT: 4.898 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX043512.D

Acq: 25 Oct 2024 10:34

Tgt Ion:128 Resp: 202097

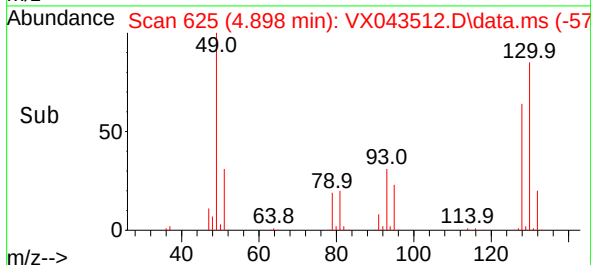
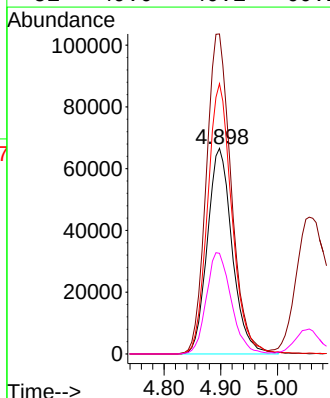
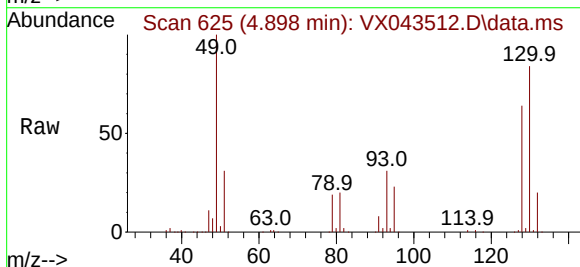
Ion Ratio Lower Upper

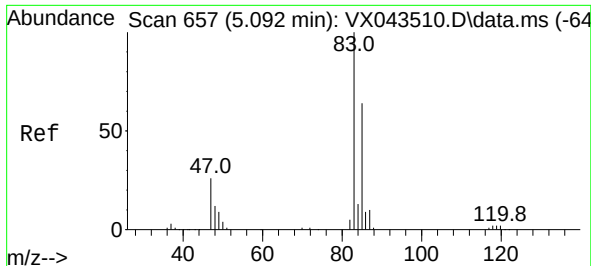
128 100

49 155.7 105.9 196.7

130 131.5 94.0 174.6

51 49.0 40.1 60.1





#25

Chloroform

Concen: 199.651 ug/L

RT: 5.093 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX043512.D

Acq: 25 Oct 2024 10:34

Instrument :

MSVOA_X

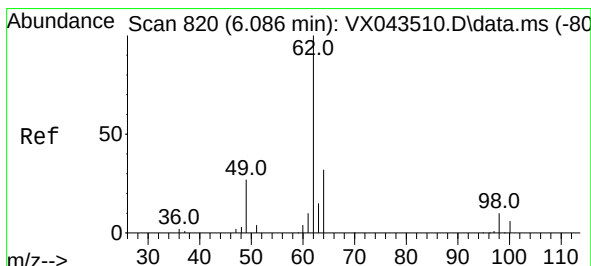
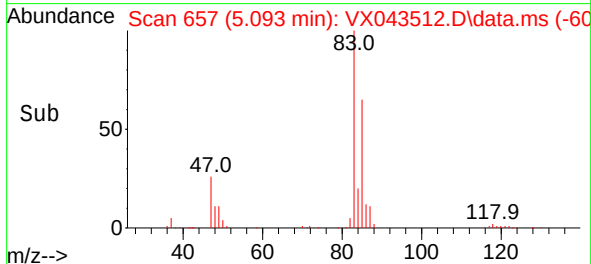
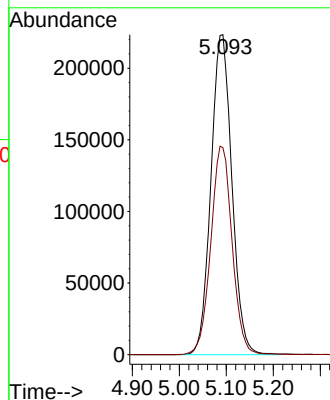
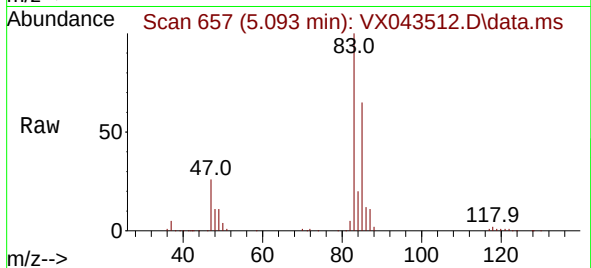
ClientSampleId :

Tgt Ion: 83 Resp: 691473

Ion Ratio Lower Upper

83 100

85 64.7 44.8 83.2



#27

1,2-Dichloroethane

Concen: 196.724 ug/L

RT: 6.080 min Scan# 819

Delta R.T. -0.006 min

Lab File: VX043512.D

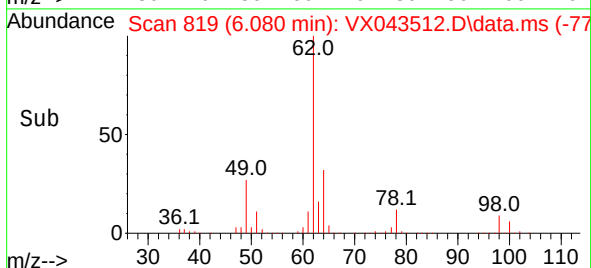
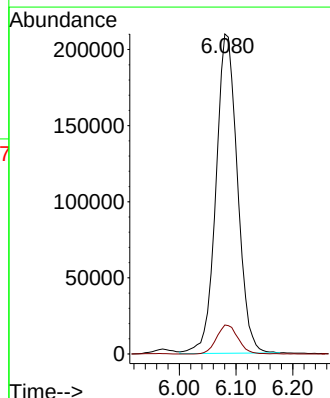
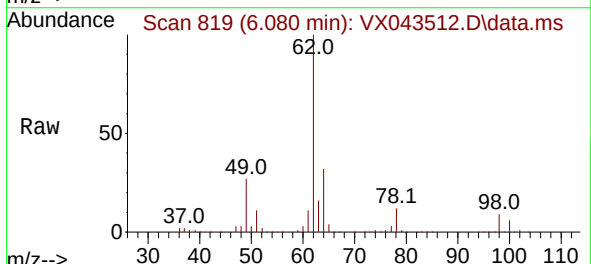
Acq: 25 Oct 2024 10:34

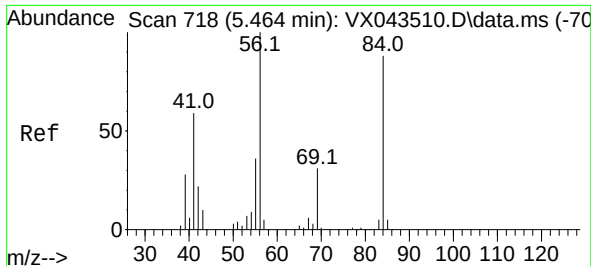
Tgt Ion: 62 Resp: 552589

Ion Ratio Lower Upper

62 100

98 9.1 8.0 12.0





#29

Cyclohexane

Concen: 195.264 ug/L

RT: 5.465 min Scan# 718

Delta R.T. 0.000 min

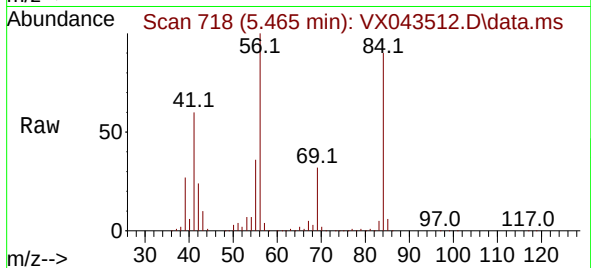
Lab File: VX043512.D

Acq: 25 Oct 2024 10:34

Instrument :

MSVOA_X

ClientSampleId :



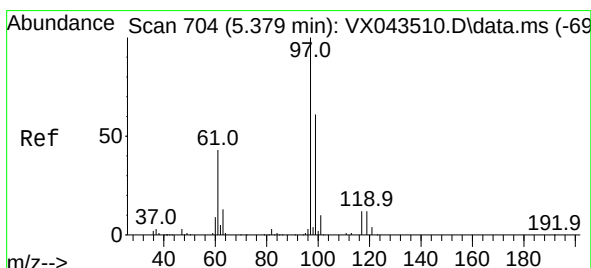
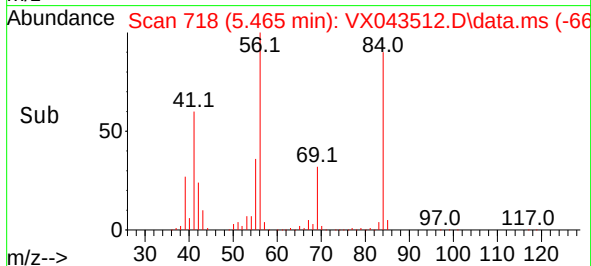
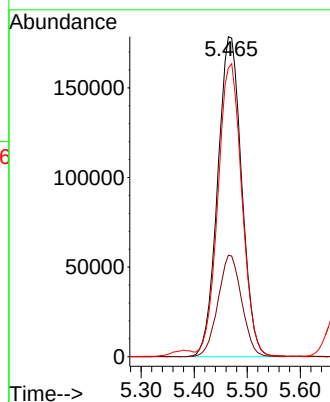
Tgt Ion: 56 Resp: 560935

Ion Ratio Lower Upper

56 100

69 31.3 25.3 37.9

84 91.3 72.9 109.3



#30

1,1,1-Trichloroethane

Concen: 199.492 ug/L

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX043512.D

Acq: 25 Oct 2024 10:34

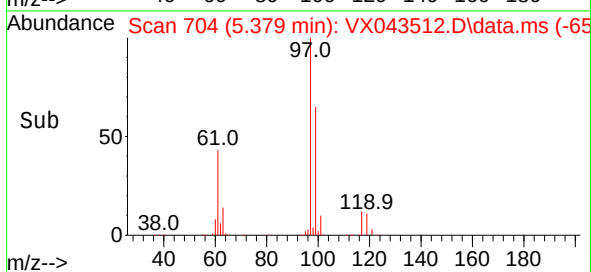
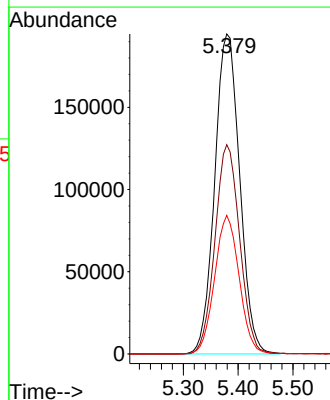
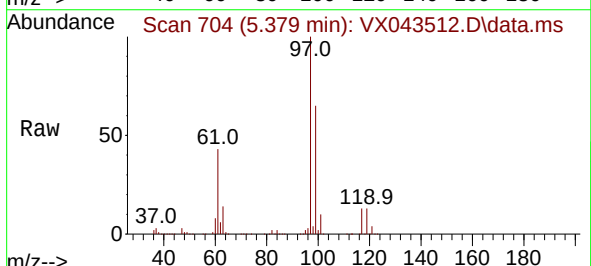
Tgt Ion: 97 Resp: 617253

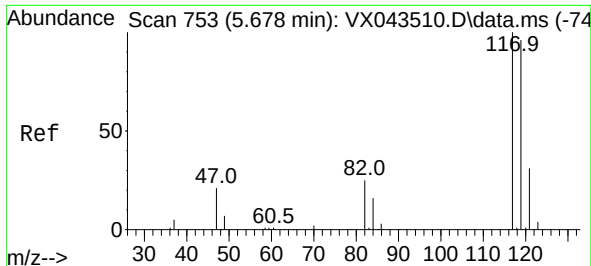
Ion Ratio Lower Upper

97 100

99 64.6 51.0 76.4

61 42.6 34.6 52.0

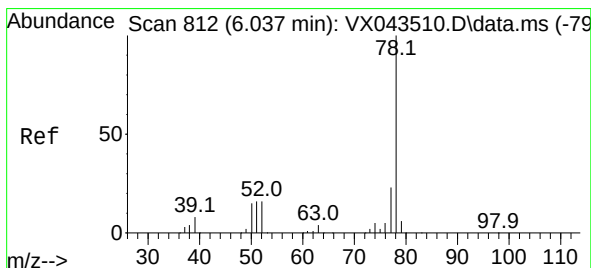
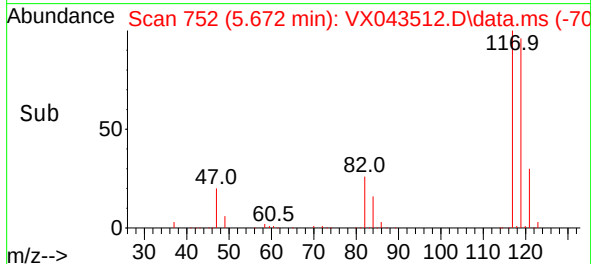
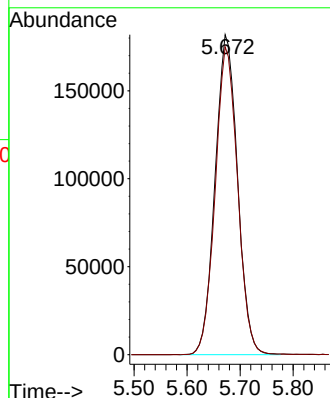
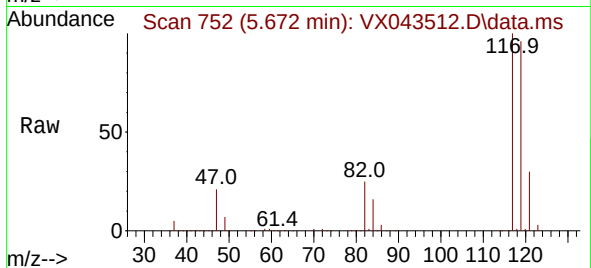




#31
Carbon tetrachloride
Concen: 201.143 ug/L
RT: 5.672 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX043512.D
Acq: 25 Oct 2024 10:34

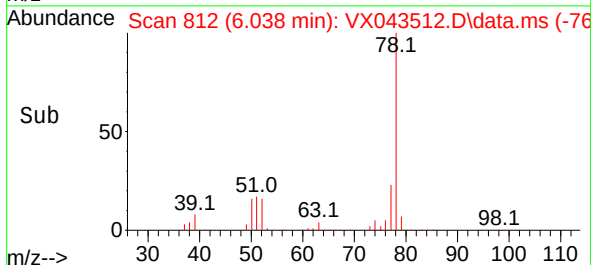
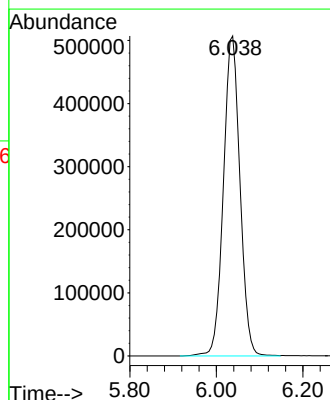
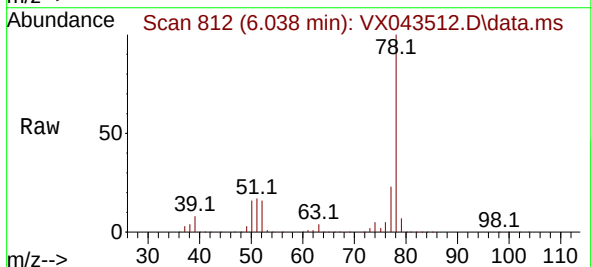
Instrument :
MSVOA_X
ClientSampleId :

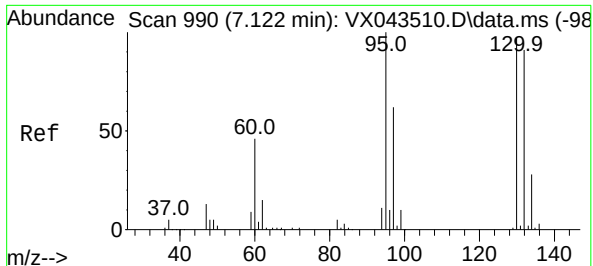
Tgt Ion:117 Resp: 534238
Ion Ratio Lower Upper
117 100
119 95.9 78.0 117.0



#33
Benzene
Concen: 197.274 ug/L
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX043512.D
Acq: 25 Oct 2024 10:34

Tgt Ion: 78 Resp: 1350144





#34

Trichloroethene

Concen: 199.258 ug/L

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX043512.D

Acq: 25 Oct 2024 10:34

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 95 Resp: 374557

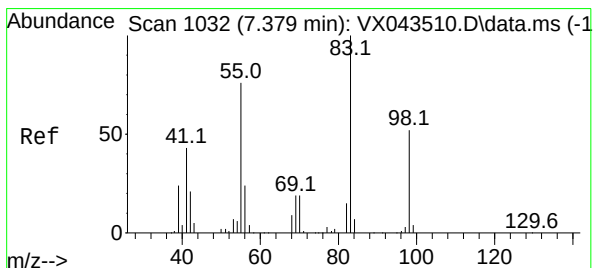
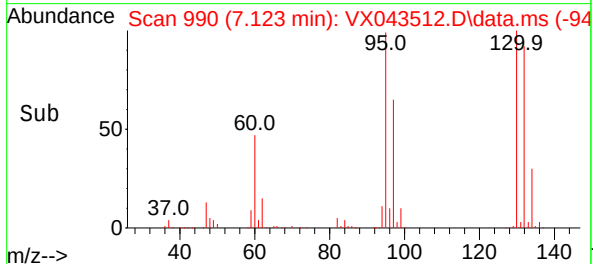
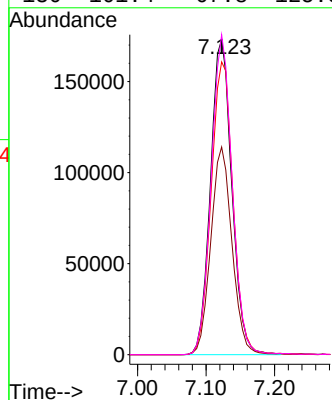
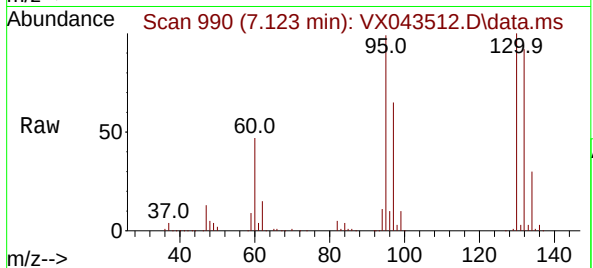
Ion Ratio Lower Upper

95 100

97 65.8 43.3 80.5

132 92.8 63.7 118.3

130 101.4 67.8 125.8



#35

Methylcyclohexane

Concen: 194.650 ug/L

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX043512.D

Acq: 25 Oct 2024 10:34

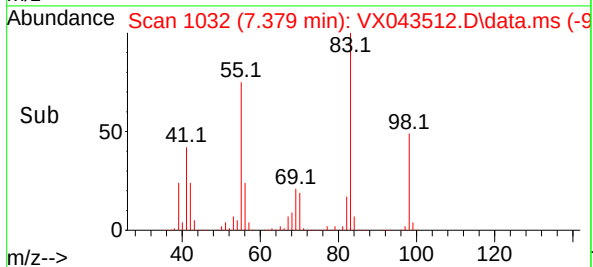
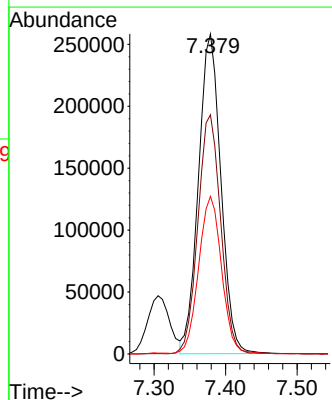
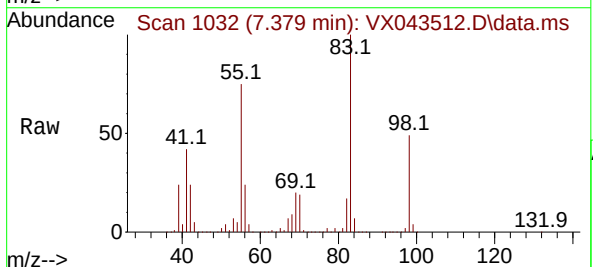
Tgt Ion: 83 Resp: 563012

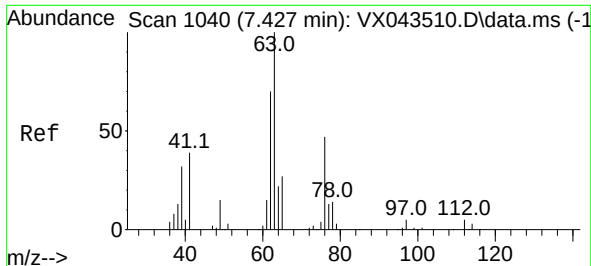
Ion Ratio Lower Upper

83 100

55 75.7 60.6 91.0

98 50.5 41.0 61.6





#37

1,2-Dichloropropane

Concen: 199.312 ug/L

RT: 7.428 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX043512.D

Acq: 25 Oct 2024 10:34

Instrument :

MSVOA_X

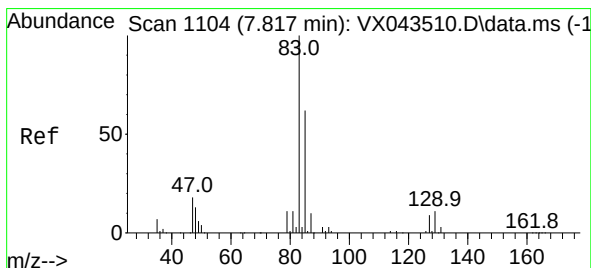
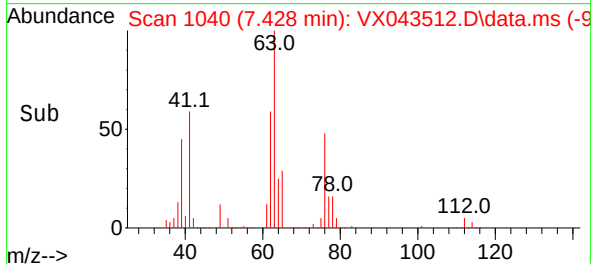
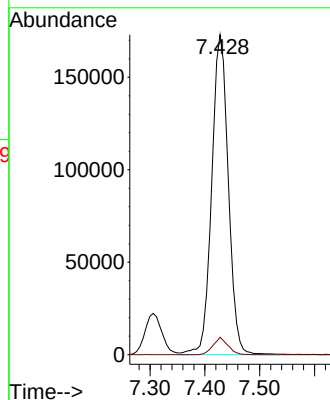
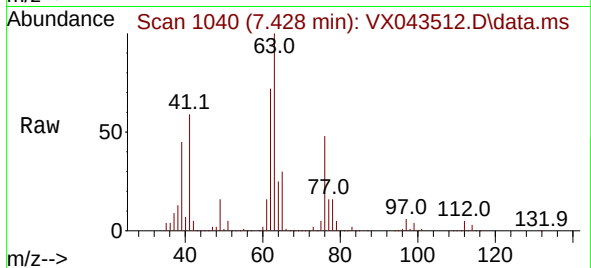
ClientSampleId :

Tgt Ion: 63 Resp: 363433

Ion Ratio Lower Upper

63 100

112 4.8 3.7 5.5



#38

Bromodichloromethane

Concen: 210.246 ug/L

RT: 7.818 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX043512.D

Acq: 25 Oct 2024 10:34

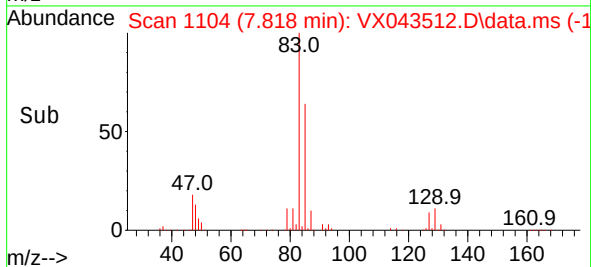
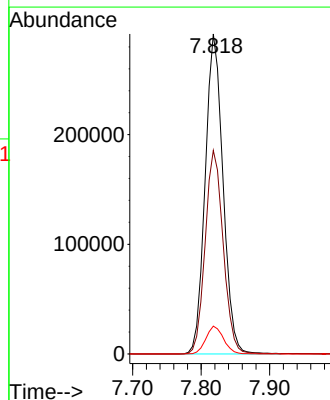
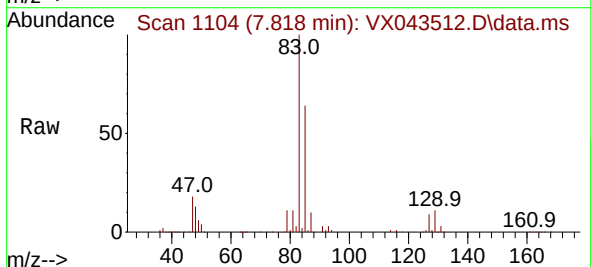
Tgt Ion: 83 Resp: 527797

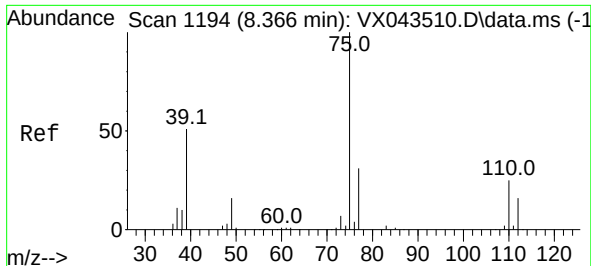
Ion Ratio Lower Upper

83 100

85 63.6 43.5 80.9

127 8.7 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 213.764 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX043512.D

Acq: 25 Oct 2024 10:34

Instrument :

MSVOA_X

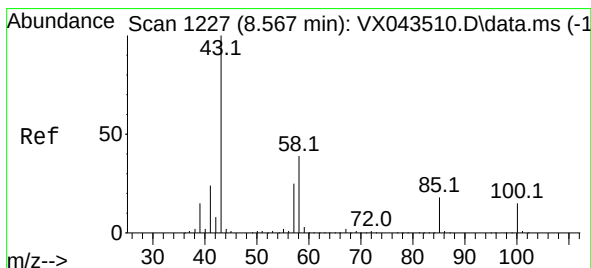
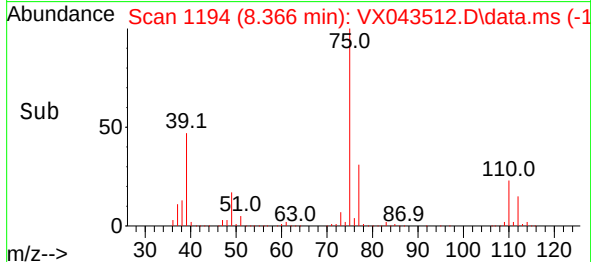
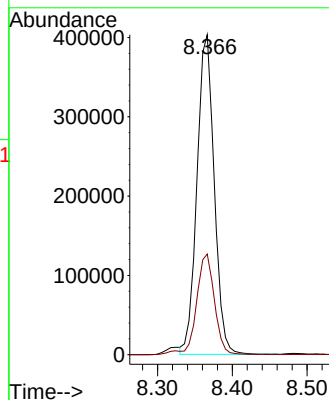
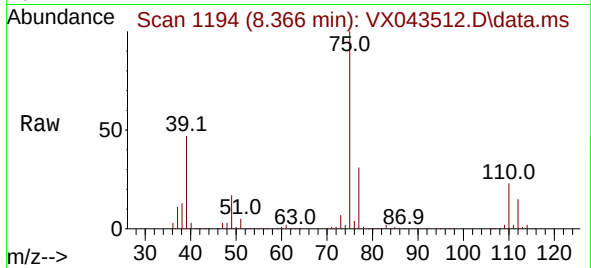
ClientSampleId :

Tgt Ion: 75 Resp: 644329

Ion Ratio Lower Upper

75 100

77 31.5 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 406.550 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VX043512.D

Acq: 25 Oct 2024 10:34

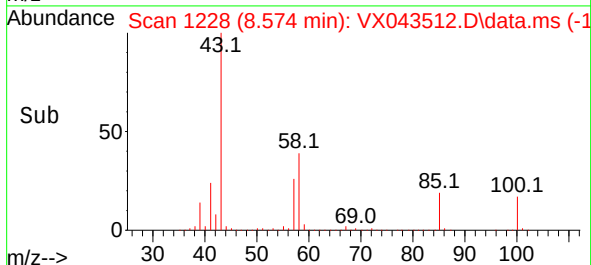
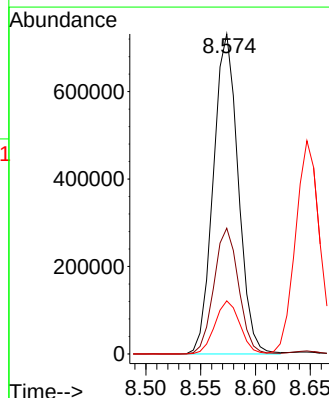
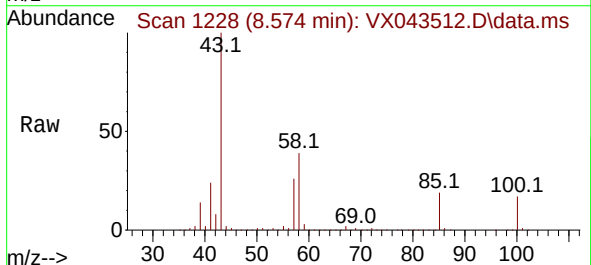
Tgt Ion: 43 Resp: 1155028

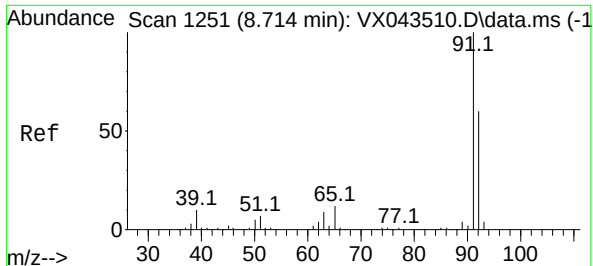
Ion Ratio Lower Upper

43 100

58 39.0 31.1 46.7

100 16.7 13.0 19.4





#42

Toluene

Concen: 197.313 ug/L

RT: 8.714 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VX043512.D

Acq: 25 Oct 2024 10:34

Instrument :

MSVOA_X

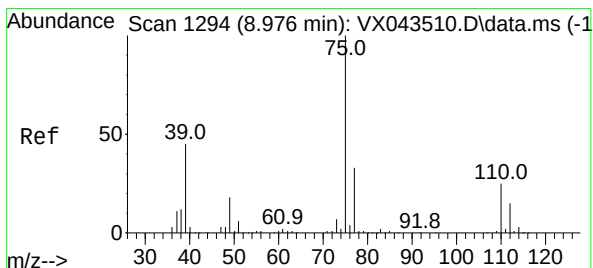
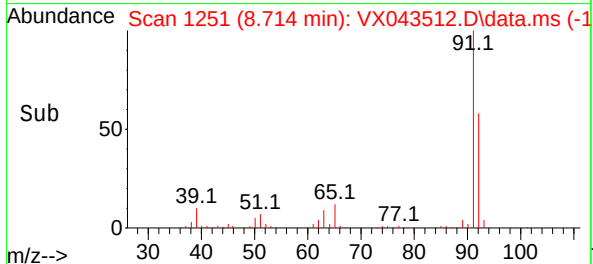
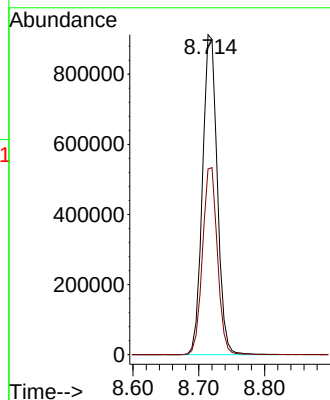
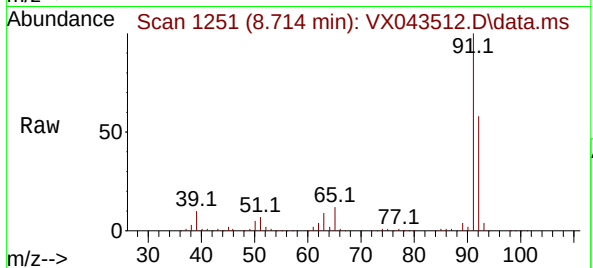
ClientSampleId :

Tgt Ion: 91 Resp: 1429470

Ion Ratio Lower Upper

91 100

92 58.1 42.1 78.1



#44

trans-1,3-Dichloropropene

Concen: 218.186 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX043512.D

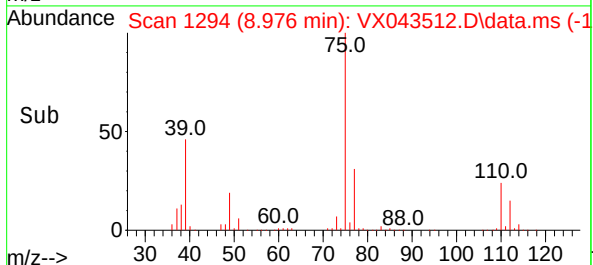
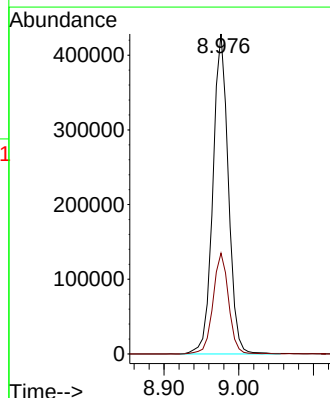
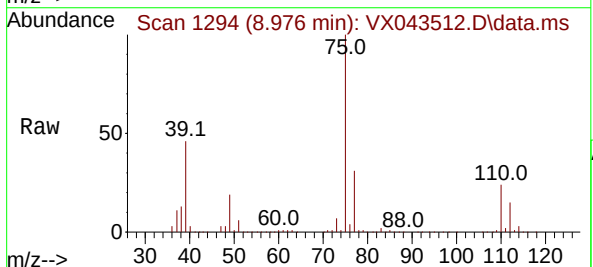
Acq: 25 Oct 2024 10:34

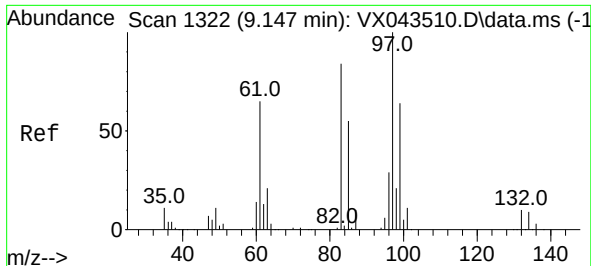
Tgt Ion: 75 Resp: 615850

Ion Ratio Lower Upper

75 100

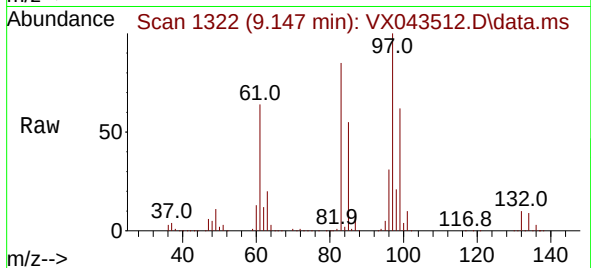
77 31.5 22.9 42.5





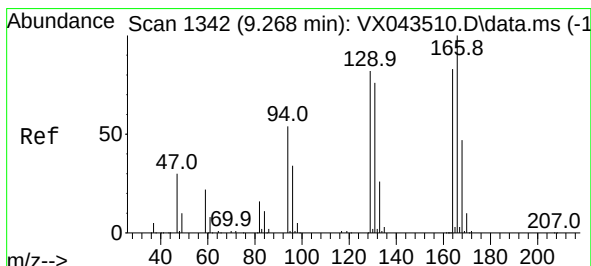
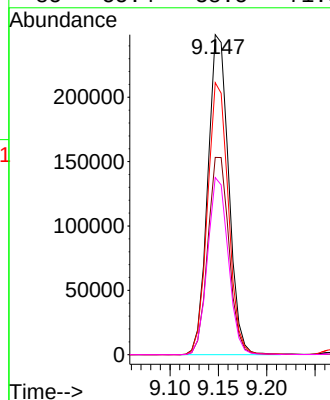
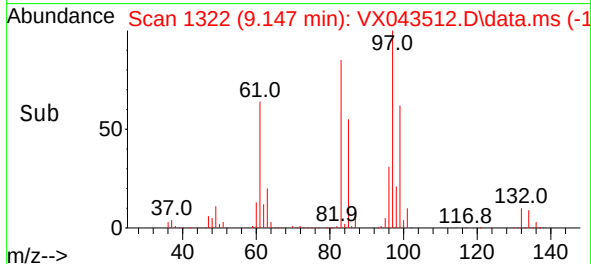
#45
1,1,2-Trichloroethane
Concen: 199.109 ug/L
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX043512.D
Acq: 25 Oct 2024 10:34

Instrument :
MSVOA_X
ClientSampleId :

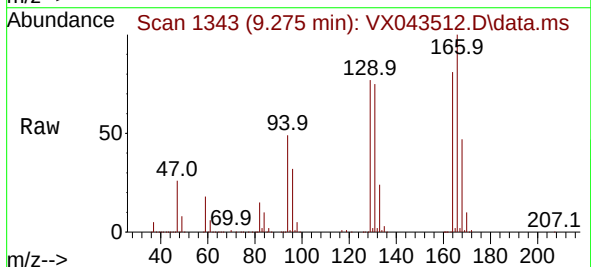


Tgt Ion: 97 Resp: 373807

Ion	Ratio	Lower	Upper
97	100		
99	61.7	44.7	83.1
83	85.0	58.9	109.3
85	55.4	38.5	71.5

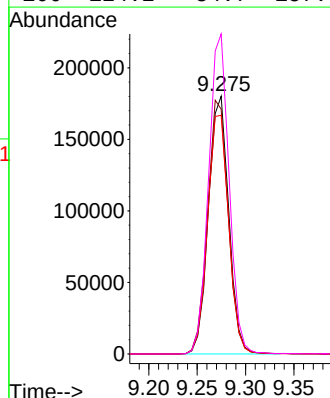
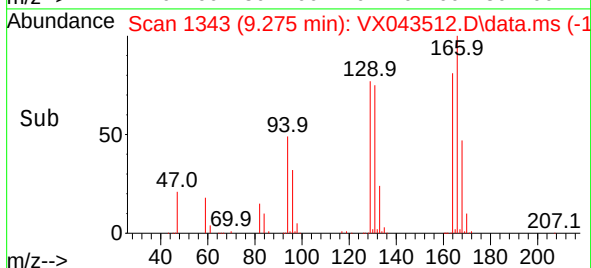


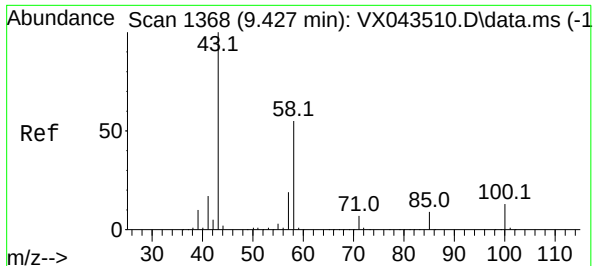
#46
Tetrachloroethene
Concen: 195.171 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX043512.D
Acq: 25 Oct 2024 10:34



Tgt Ion: 164 Resp: 262965

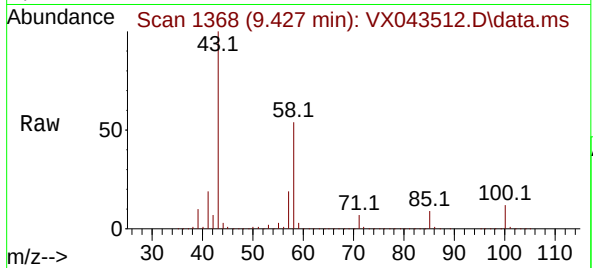
Ion	Ratio	Lower	Upper
164	100		
129	95.0	69.9	129.9
131	92.6	64.0	119.0
166	124.2	84.7	157.3



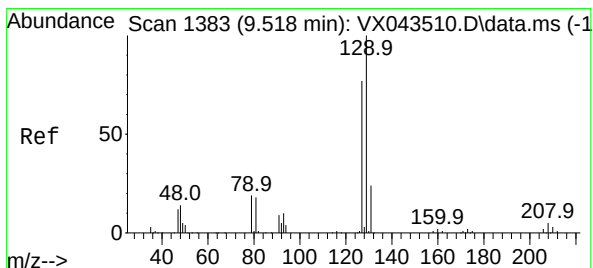
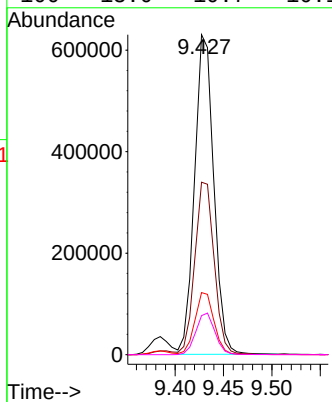
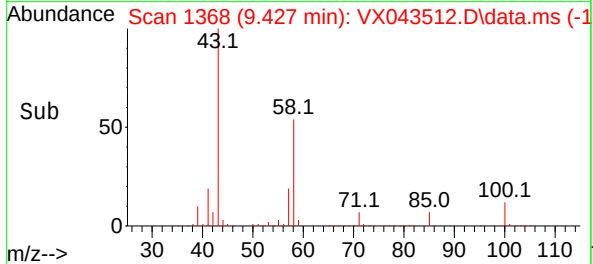


#48
2-Hexanone
Concen: 401.485 ug/L
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX043512.D
Acq: 25 Oct 2024 10:34

Instrument :
MSVOA_X
ClientSampleId :

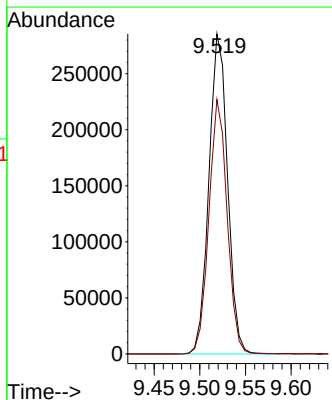
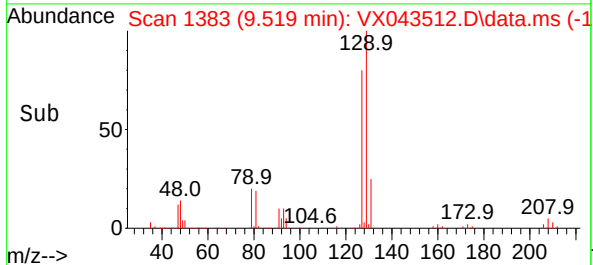
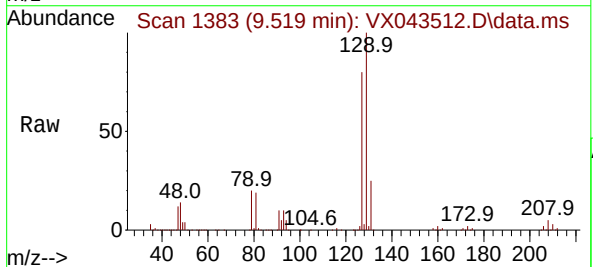


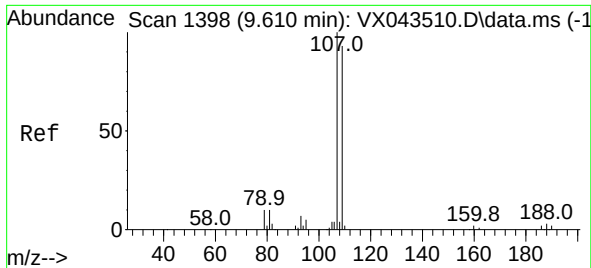
Tgt Ion: 43 Resp: 871304
Ion Ratio Lower Upper
43 100
58 54.7 44.6 67.0
57 19.3 16.2 24.2
100 13.0 10.7 16.1



#49
Dibromochloromethane
Concen: 217.294 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX043512.D
Acq: 25 Oct 2024 10:34

Tgt Ion: 129 Resp: 403779
Ion Ratio Lower Upper
129 100
127 79.5 54.0 100.4





#50

1,2-Dibromoethane

Concen: 202.115 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX043512.D

Acq: 25 Oct 2024 10:34

Instrument :

MSVOA_X

ClientSampleId :

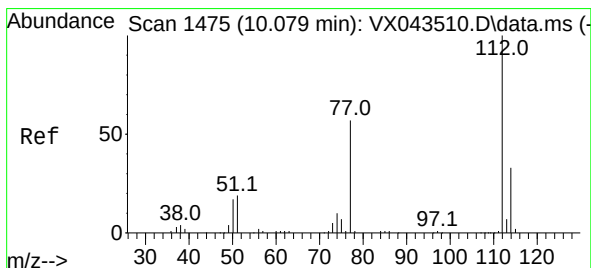
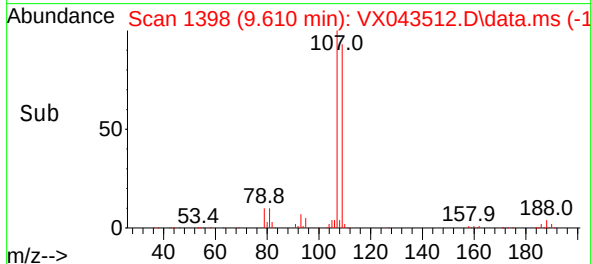
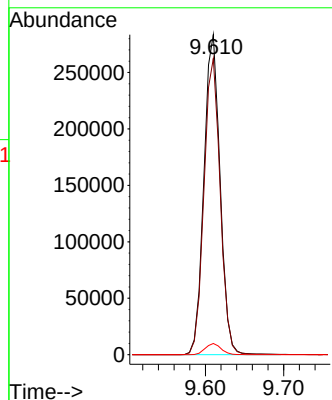
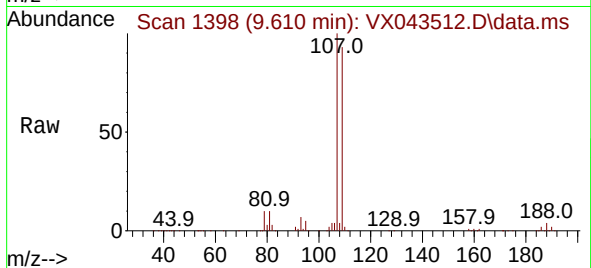
Tgt Ion:107 Resp: 405404

Ion Ratio Lower Upper

107 100

109 92.6 65.0 120.6

188 3.5 2.8 4.2



#51

Chlorobenzene

Concen: 198.964 ug/L

RT: 10.080 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX043512.D

Acq: 25 Oct 2024 10:34

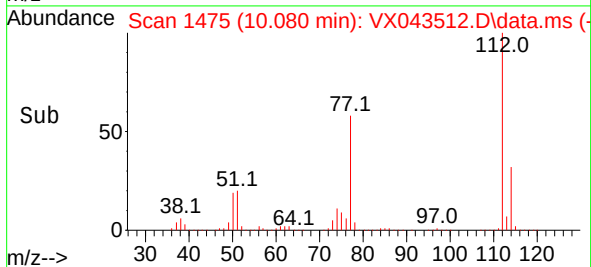
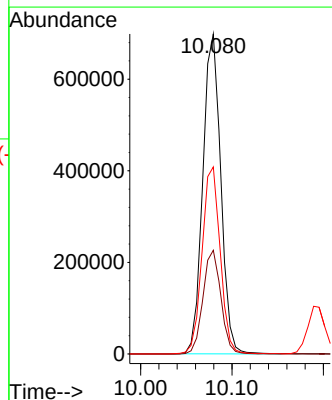
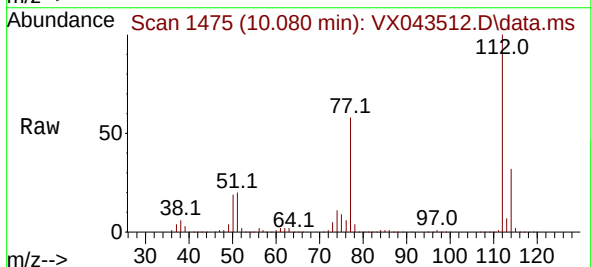
Tgt Ion:112 Resp: 951718

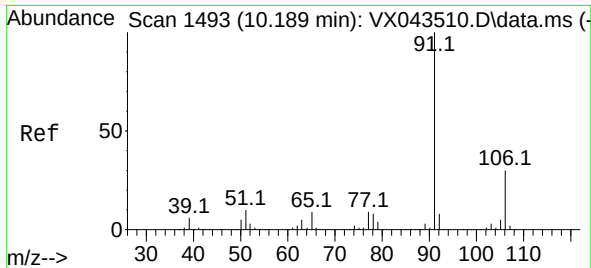
Ion Ratio Lower Upper

112 100

114 32.4 23.4 43.4

77 58.4 46.1 69.1





#52

Ethylbenzene

Concen: 201.352 ug/L

RT: 10.195 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VX043512.D

Acq: 25 Oct 2024 10:34

Instrument :

MSVOA_X

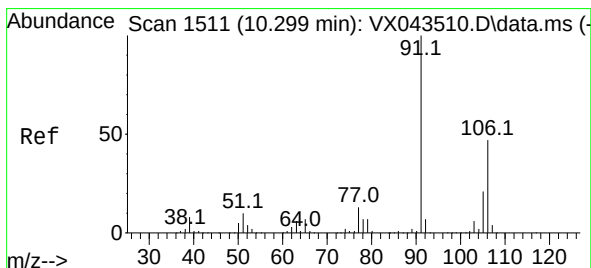
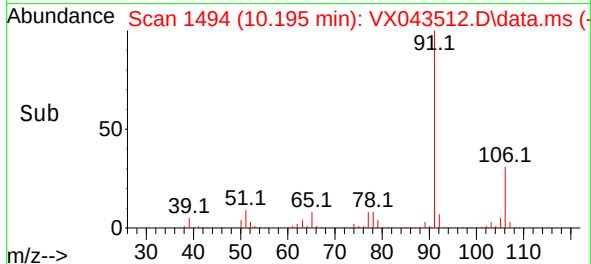
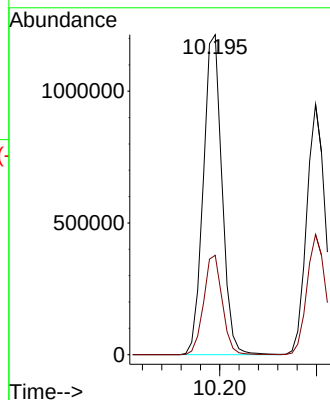
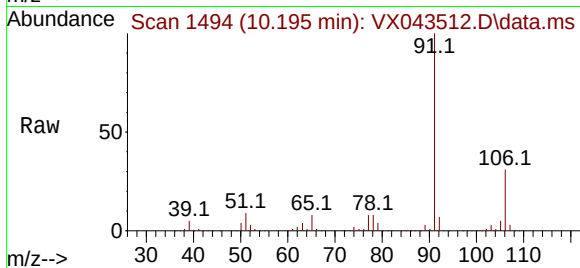
ClientSampleId :

Tgt Ion: 91 Resp: 1636499

Ion Ratio Lower Upper

91 100

106 31.0 20.9 38.7



#53

m,p-Xylene

Concen: 202.217 ug/L

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX043512.D

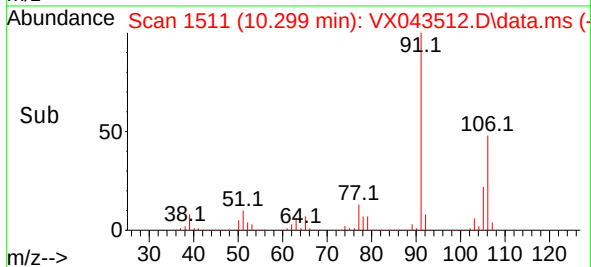
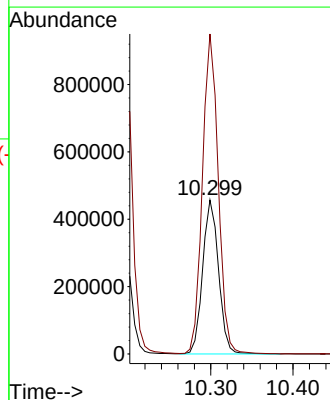
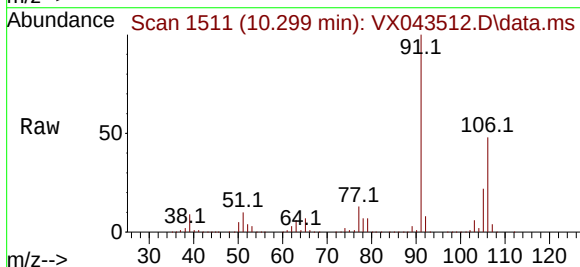
Acq: 25 Oct 2024 10:34

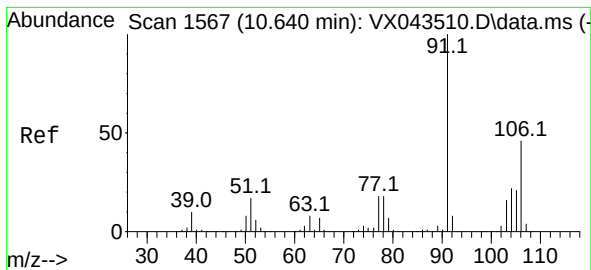
Tgt Ion:106 Resp: 614520

Ion Ratio Lower Upper

106 100

91 207.9 149.0 276.8

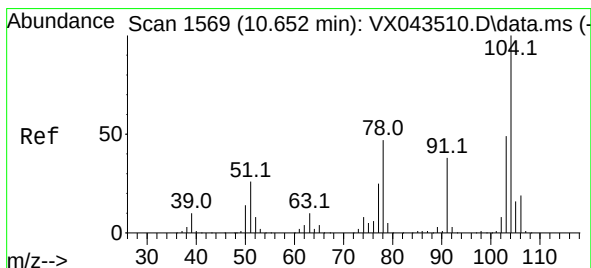
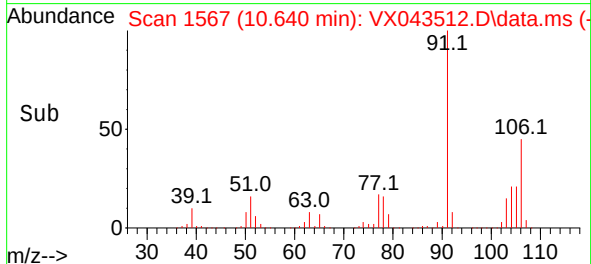
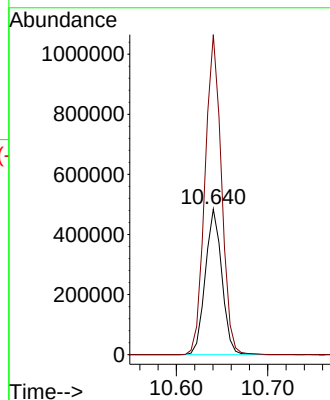
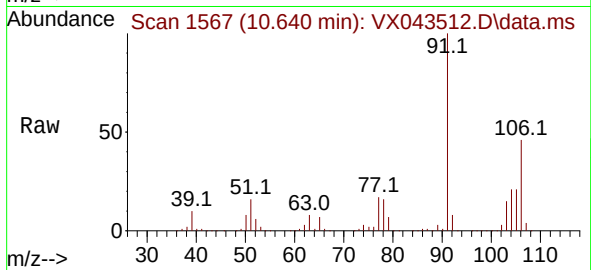




#54
o-Xylene
Concen: 199.327 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX043512.D
Acq: 25 Oct 2024 10:34

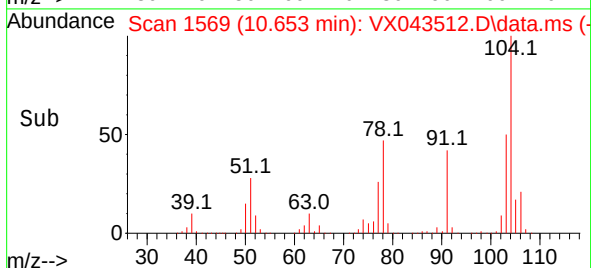
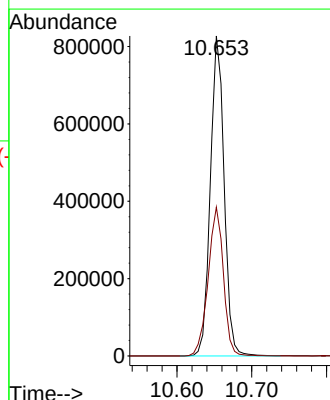
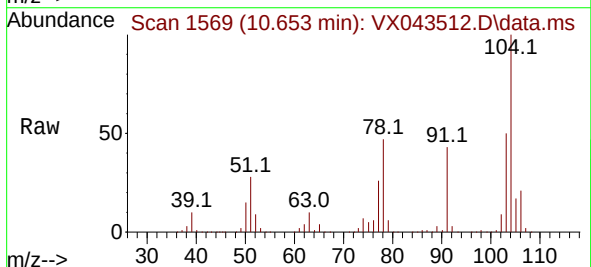
Instrument :
MSVOA_X
ClientSampleId :

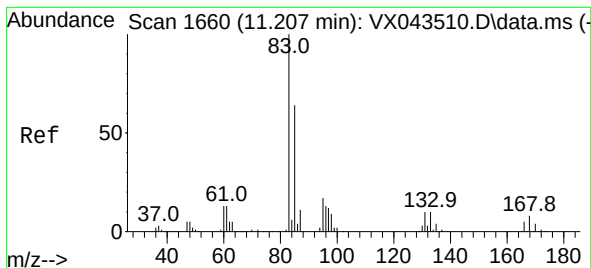
Tgt Ion:106 Resp: 606667
Ion Ratio Lower Upper
106 100
91 219.7 152.9 284.1



#55
Styrene
Concen: 207.780 ug/L
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX043512.D
Acq: 25 Oct 2024 10:34

Tgt Ion:104 Resp: 1062512
Ion Ratio Lower Upper
104 100
78 46.5 32.8 61.0

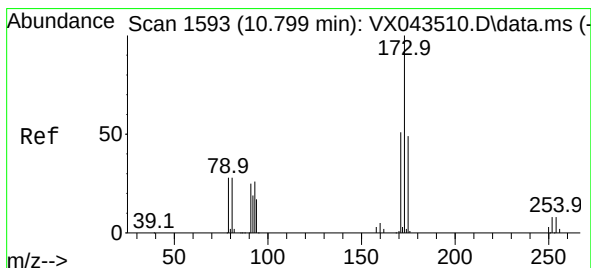
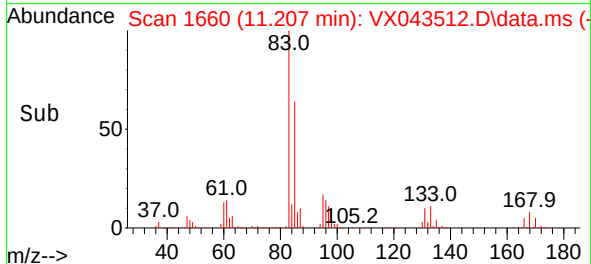
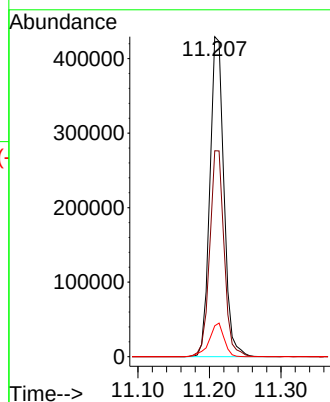
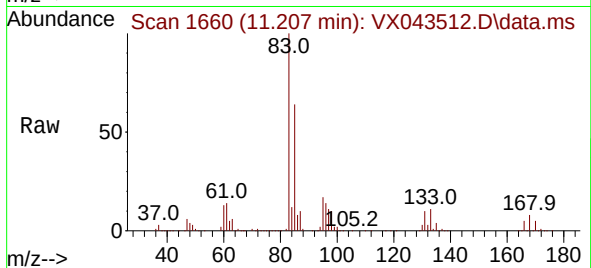




#57
1,1,2,2-Tetrachloroethane
Concen: 197.694 ug/L
RT: 11.207 min Scan# 1660
Delta R.T. 0.000 min
Lab File: VX043512.D
Acq: 25 Oct 2024 10:34

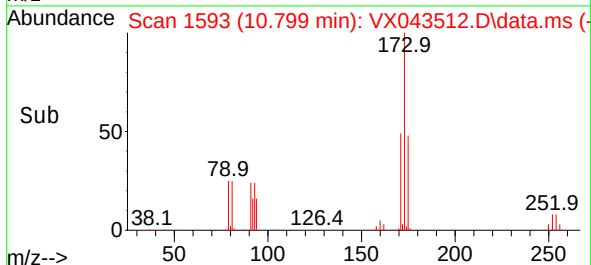
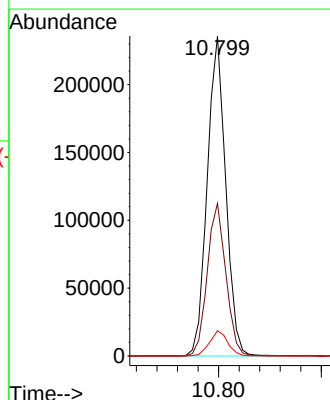
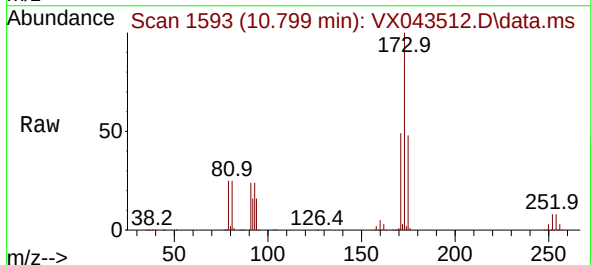
Instrument :
MSVOA_X
ClientSampleId :

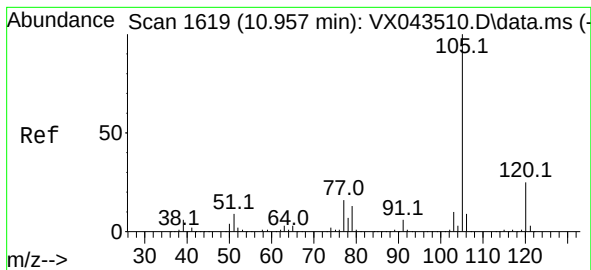
Tgt Ion: 83 Resp: 585672
Ion Ratio Lower Upper
83 100
85 64.4 44.7 82.9
131 9.7 8.2 12.4



#59
Bromoform
Concen: 220.651 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX043512.D
Acq: 25 Oct 2024 10:34

Tgt Ion:173 Resp: 294929
Ion Ratio Lower Upper
173 100
175 48.0 38.4 57.6
254 7.8 6.6 9.8





#60

Isopropylbenzene

Concen: 188.063 ug/L

RT: 10.964 min Scan# 1620

Delta R.T. 0.006 min

Lab File: VX043512.D

Acq: 25 Oct 2024 10:34

Instrument :

MSVOA_X

ClientSampleId :

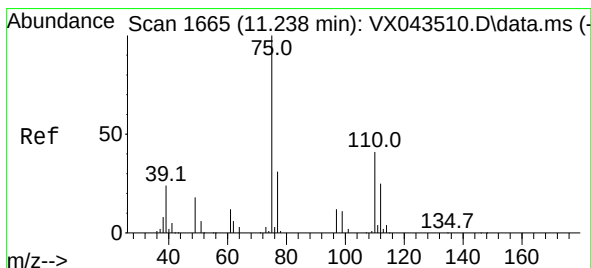
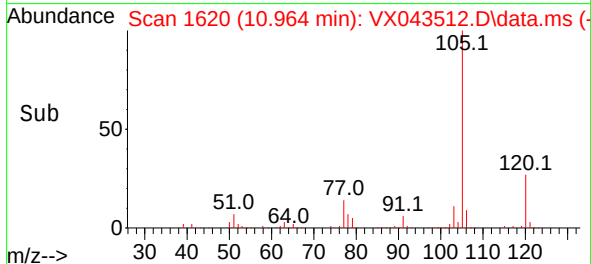
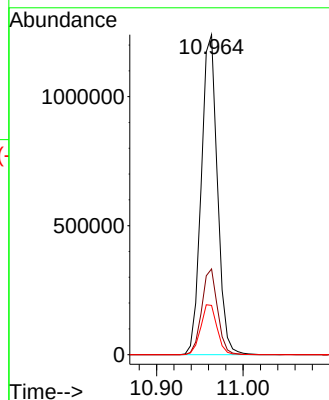
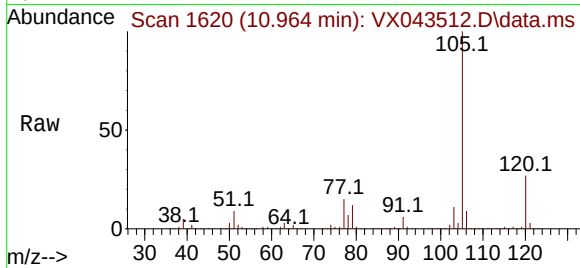
Tgt Ion:105 Resp: 1601236

Ion Ratio Lower Upper

105 100

120 26.3 21.0 31.4

77 16.0 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 186.868 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX043512.D

Acq: 25 Oct 2024 10:34

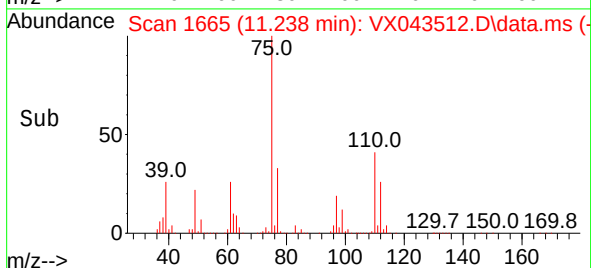
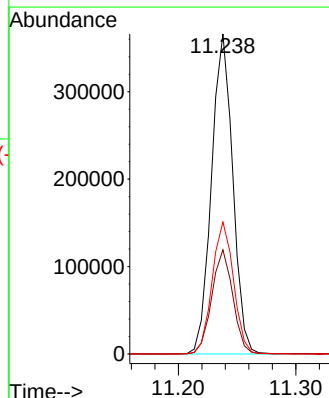
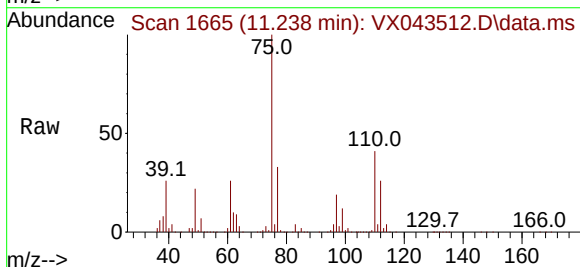
Tgt Ion: 75 Resp: 460157

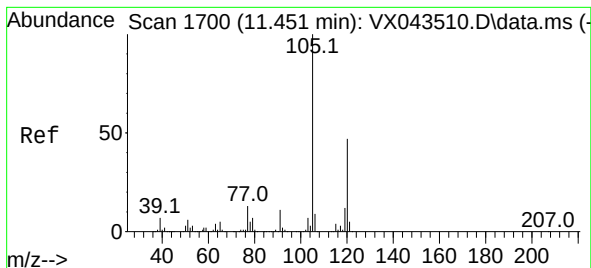
Ion Ratio Lower Upper

75 100

77 32.2 25.5 38.3

110 41.5 33.3 49.9





#62

1,3,5-Trimethylbenzene

Concen: 194.535 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX043512.D

Acq: 25 Oct 2024 10:34

Instrument :

MSVOA_X

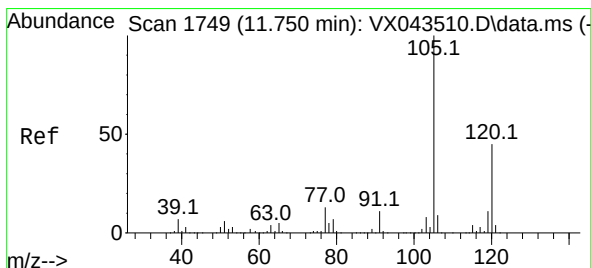
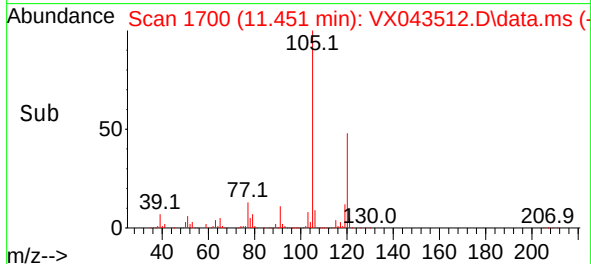
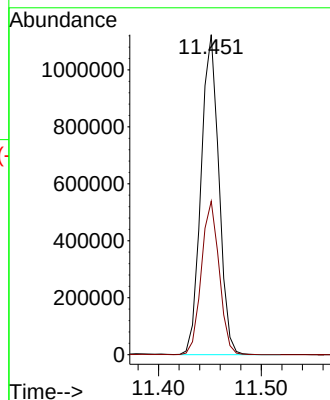
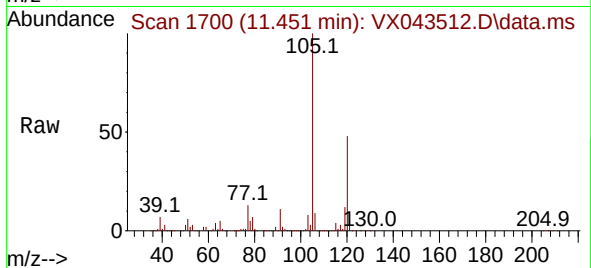
ClientSampleId :

Tgt Ion:105 Resp: 1358701

Ion Ratio Lower Upper

105 100

120 47.7 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 195.363 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX043512.D

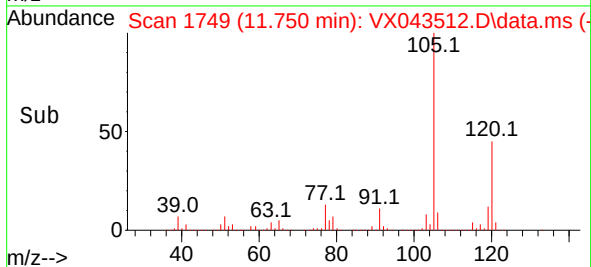
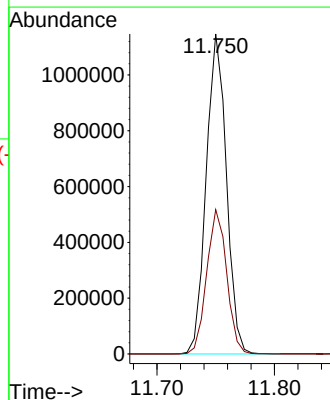
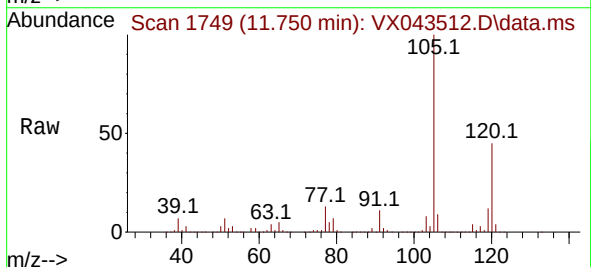
Acq: 25 Oct 2024 10:34

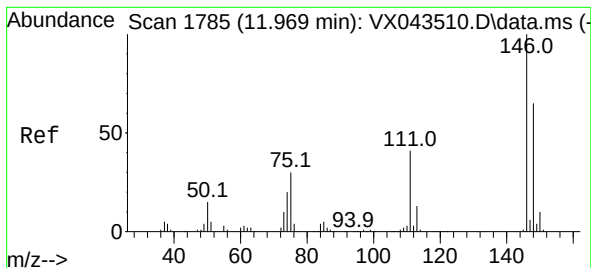
Tgt Ion:105 Resp: 1366068

Ion Ratio Lower Upper

105 100

120 44.7 35.8 53.8





#64

1,3-Dichlorobenzene

Concen: 194.786 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX043512.D

Acq: 25 Oct 2024 10:34

Instrument :

MSVOA_X

ClientSampleId :

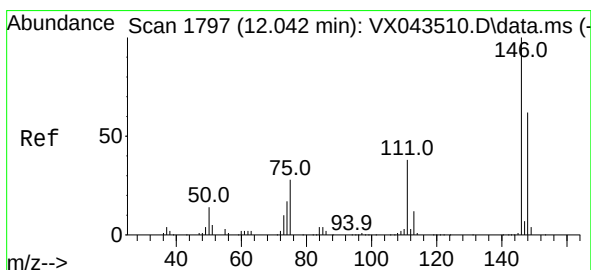
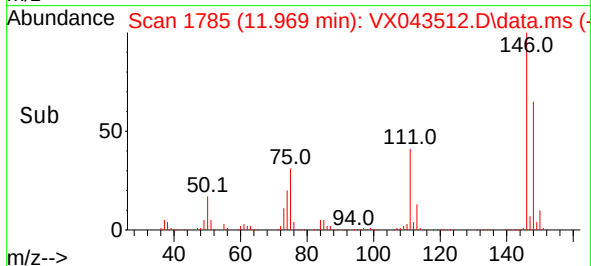
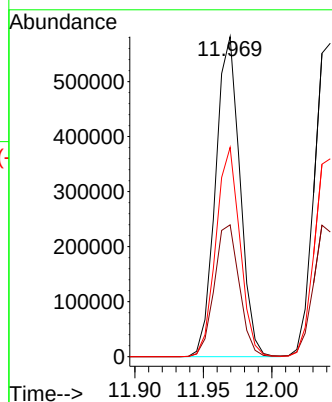
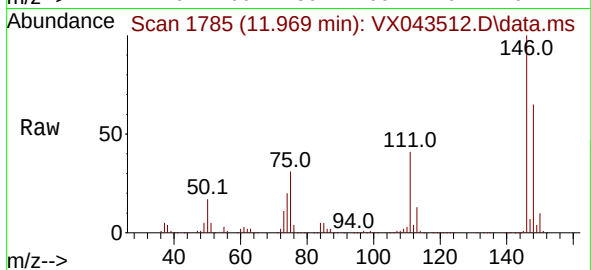
Tgt Ion:146 Resp: 719888

Ion Ratio Lower Upper

146 100

111 41.2 28.6 53.0

148 65.4 45.8 85.0



#65

1,4-Dichlorobenzene

Concen: 190.845 ug/L

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX043512.D

Acq: 25 Oct 2024 10:34

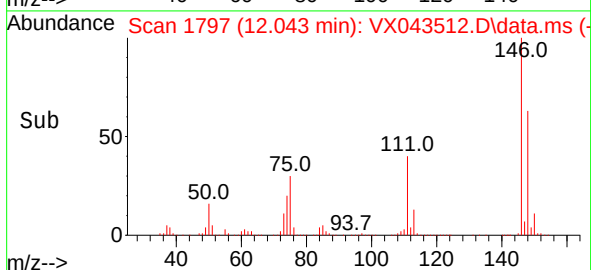
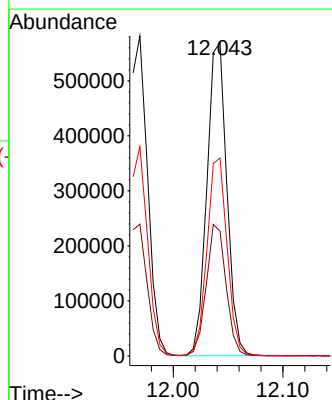
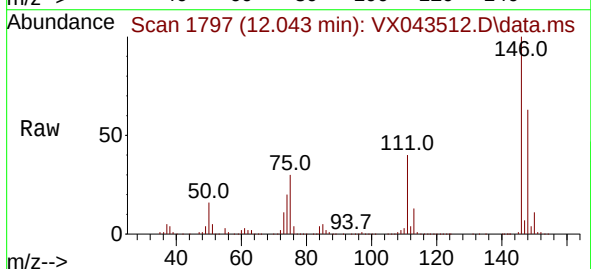
Tgt Ion:146 Resp: 718161

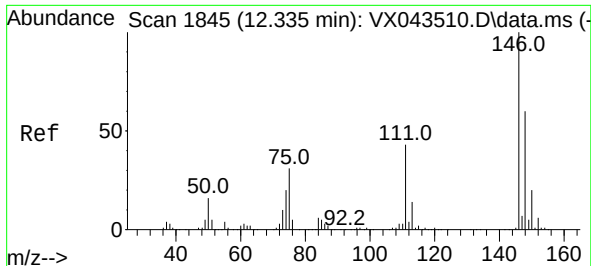
Ion Ratio Lower Upper

146 100

111 39.8 26.8 49.8

148 63.2 43.4 80.6





#67

1,2-Dichlorobenzene

Concen: 195.520 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX043512.D

Acq: 25 Oct 2024 10:34

Instrument :

MSVOA_X

ClientSampleId :

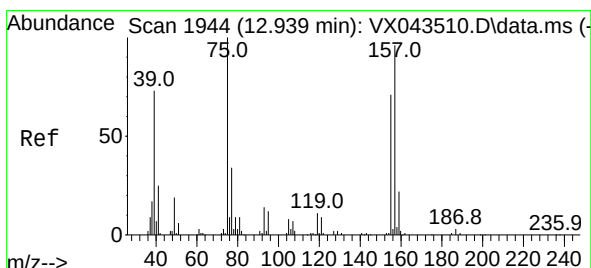
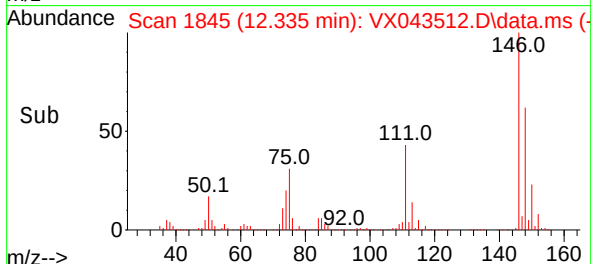
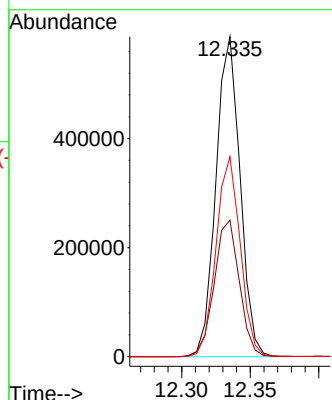
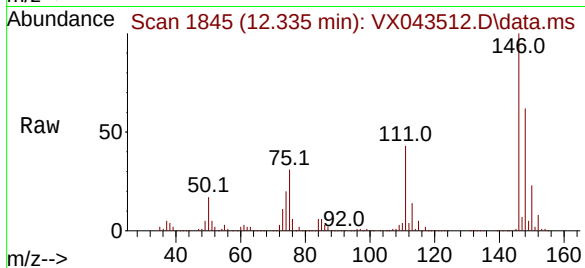
Tgt Ion:146 Resp: 718443

Ion Ratio Lower Upper

146 100

111 42.7 34.6 51.8

148 62.5 48.2 72.4



#68

1,2-Dibromo-3-chloropropane

Concen: 212.759 ug/L

RT: 12.939 min Scan# 1944

Delta R.T. 0.000 min

Lab File: VX043512.D

Acq: 25 Oct 2024 10:34

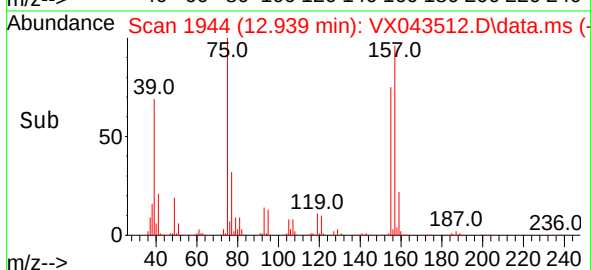
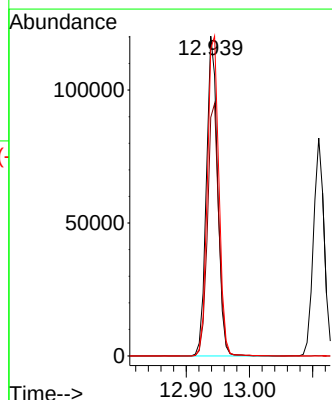
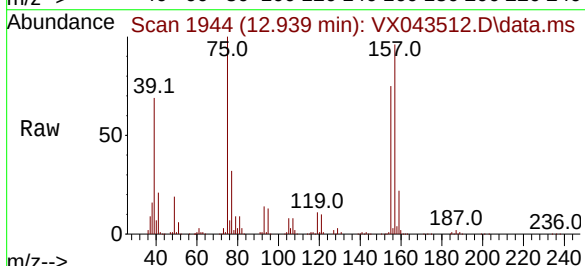
Tgt Ion: 75 Resp: 148552

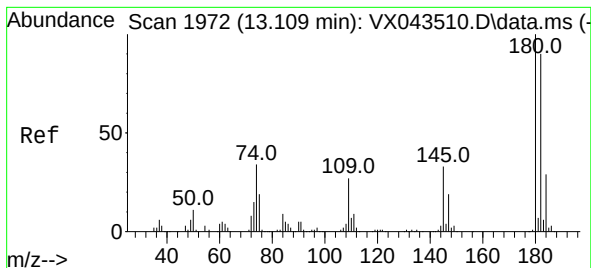
Ion Ratio Lower Upper

75 100

155 74.6 56.9 85.3

157 96.1 76.8 115.2





#69

1,3,5-Trichlorobenzene

Concen: 198.229 ug/L

RT: 13.109 min Scan# 1772

Delta R.T. 0.000 min

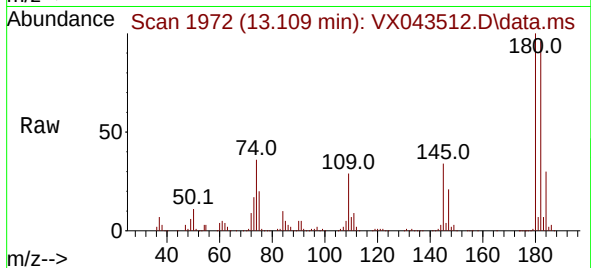
Lab File: VX043512.D

Acq: 25 Oct 2024 10:34

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 492225

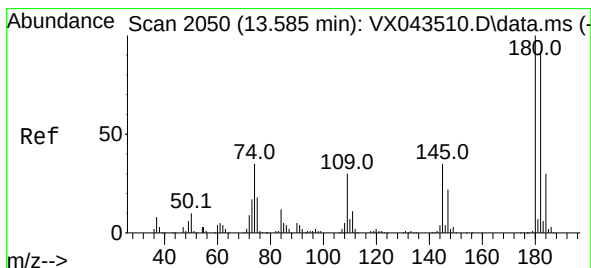
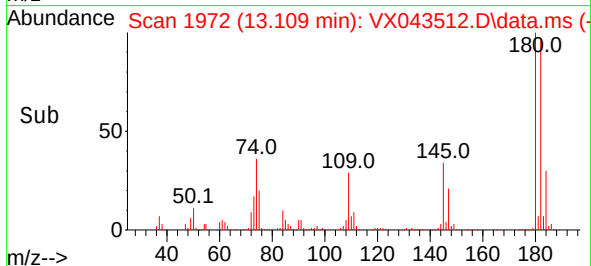
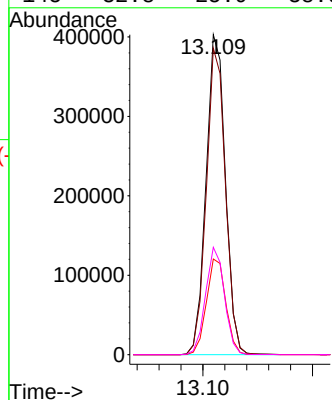
Ion Ratio Lower Upper

180 100

182 94.8 74.1 111.1

184 30.1 23.1 34.7

145 32.8 25.9 38.9



#70

1,2,4-trichlorobenzene

Concen: 205.025 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX043512.D

Acq: 25 Oct 2024 10:34

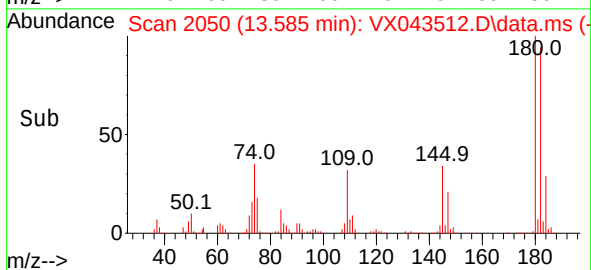
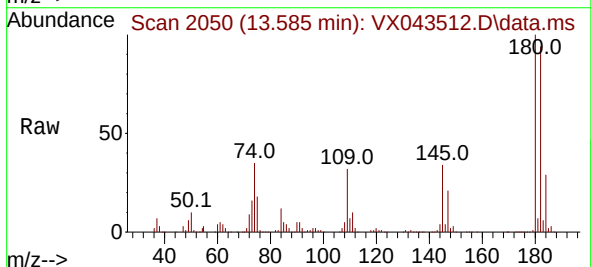
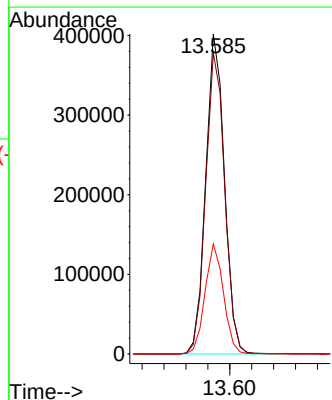
Tgt Ion:180 Resp: 476844

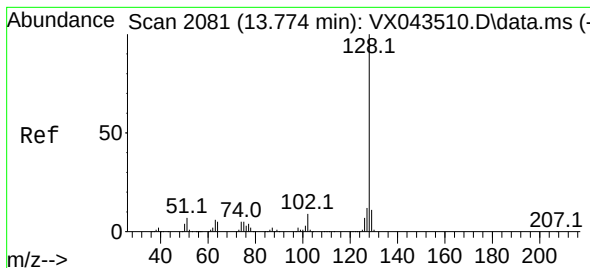
Ion Ratio Lower Upper

180 100

182 95.4 74.9 112.3

145 33.9 26.6 40.0





#71

Naphthalene

Concen: 204.208 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX043512.D

Acq: 25 Oct 2024 10:34

Instrument :

MSVOA_X

ClientSampleId :

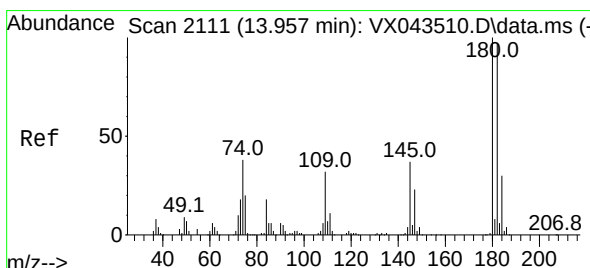
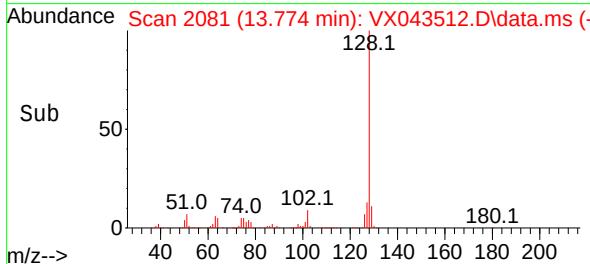
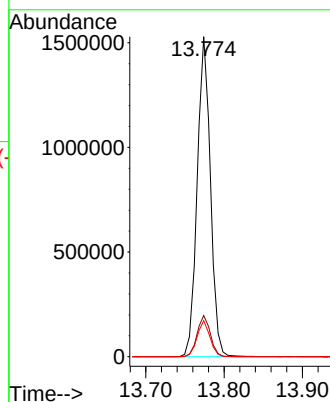
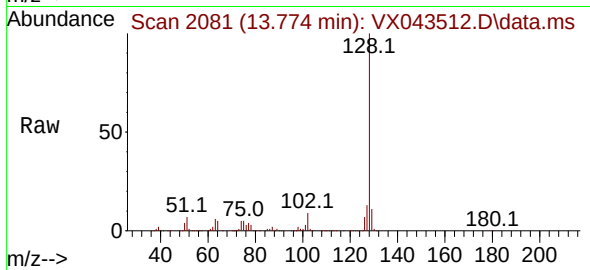
Tgt Ion:128 Resp: 1793194

Ion Ratio Lower Upper

128 100

127 12.9 10.1 15.1

129 10.9 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 199.877 ug/L

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX043512.D

Acq: 25 Oct 2024 10:34

Tgt Ion:180 Resp: 465124

Ion Ratio Lower Upper

180 100

182 96.1 77.4 116.0

145 36.1 28.6 43.0

