

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102524\
 Data File : VX043509.D
 Acq On : 25 Oct 2024 09:25
 Operator : JC/MD
 Sample : VSTD010
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 25 23:54:21 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	311072	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	278303	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	129276	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	16248	9.602	ug/L	0.00
7) Chloroethane-d5	1.672	69	13409	9.895	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.306	65	7613	9.527	ug/L	0.00
21) 2-Butanone-d5	4.458	46	28215	20.017	ug/L	0.00
24) Chloroform-d	5.056	84	38703	9.889	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.946	65	26759	10.176	ug/L	0.00
32) Benzene-d6	5.976	84	69931	9.899	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.311	67	21078	9.585	ug/L	0.00
41) Toluene-d8	8.647	98	64126	9.914	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.951	79	10941	9.457	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	20628	18.912	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	32542	9.940	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	23581	10.050	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	23796	9.849	ug/L	100
3) Chloromethane	1.294	50	22066	9.930	ug/L	100
5) Vinyl chloride	1.373	62	21371	9.728	ug/L	93
6) Bromomethane	1.611	94	14117	10.887	ug/L	95
8) Chloroethane	1.690	64	13420	10.302	ug/L	98
9) Trichlorofluoromethane	1.892	101	32779	10.002	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	20078	10.230	ug/L	99
12) 1,1-Dichloroethene	2.325	96	16829	9.787	ug/L	85
13) Acetone	2.379	43	27034	21.065	ug/L	99
14) Carbon disulfide	2.513	76	40103	9.483	ug/L	95
15) Methyl Acetate	2.702	43	22621	9.469	ug/L	98
16) Methylene chloride	2.788	84	19902	9.993	ug/L	91
17) trans-1,2-Dichloroethene	3.093	96	17577	9.721	ug/L	97
18) Methyl tert-butyl Ether	3.117	73	66313	9.872	ug/L	98
19) 1,1-Dichloroethane	3.605	63	35634	9.996	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	21021	9.744	ug/L	98
22) 2-Butanone	4.556	43	32652	19.325	ug/L	99
23) Bromochloromethane	4.903	128	11138	9.855	ug/L #	90
25) Chloroform	5.092	83	39293	10.180	ug/L	99
27) 1,2-Dichloroethane	6.092	62	32120	10.261	ug/L #	93
29) Cyclohexane	5.470	56	31562	9.903	ug/L #	96
30) 1,1,1-Trichloroethane	5.379	97	33443	9.743	ug/L	98
31) Carbon tetrachloride	5.678	117	28627	9.715	ug/L	98
33) Benzene	6.037	78	75533	9.948	ug/L	100
34) Trichloroethene	7.122	95	20068	9.623	ug/L	94
35) Methylcyclohexane	7.378	83	31924	9.949	ug/L	98
37) 1,2-Dichloropropane	7.427	63	20544	10.156	ug/L	99
38) Bromodichloromethane	7.817	83	26557	9.536	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	32736	9.789	ug/L	99
40) 4-Methyl-2-pentanone	8.573	43	60922	19.329	ug/L	99
42) Toluene	8.720	91	80552	10.022	ug/L	95
44) trans-1,3-Dichloropropene	8.982	75	29281	9.351	ug/L	92

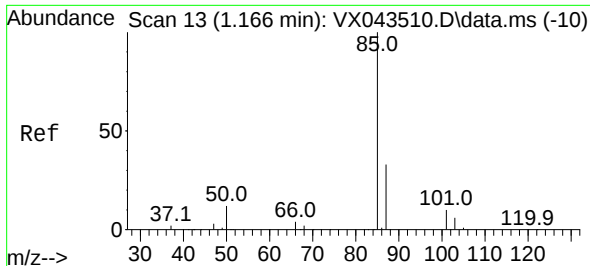
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102524\
 Data File : VX043509.D
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Quant Time: Oct 25 23:54:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML102524WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 25 23:53:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	20716	9.946	ug/L	97
46) Tetrachloroethene	9.274	164	14450	9.667	ug/L	96
48) 2-Hexanone	9.427	43	48331	20.074	ug/L	97
49) Dibromochloromethane	9.518	129	19270	9.347	ug/L	98
50) 1,2-Dibromoethane	9.610	107	22376	10.055	ug/L	95
51) Chlorobenzene	10.079	112	53541	10.089	ug/L	96
52) Ethylbenzene	10.195	91	88683	9.835	ug/L	96
53) m,p-Xylene	10.299	106	33095	9.816	ug/L	99
54) o-Xylene	10.640	106	33422	9.898	ug/L	96
55) Styrene	10.652	104	54710	9.644	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.213	83	33070	10.062	ug/L	98
59) Bromoform	10.799	173	12668	9.085	ug/L	97
60) Isopropylbenzene	10.963	105	89858	10.117	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	25932	10.095	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	72172	9.906	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	72363	9.920	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	38679	10.032	ug/L	96
65) 1,4-Dichlorobenzene	12.036	146	39724	10.119	ug/L	96
67) 1,2-Dichlorobenzene	12.335	146	38865	10.139	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	6535	8.972	ug/L	85
69) 1,3,5-Trichlorobenzene	13.109	180	25526	9.854	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	23578	9.718	ug/L	99
71) Naphthalene	13.774	128	88526	9.664	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	24166	9.955	ug/L	98

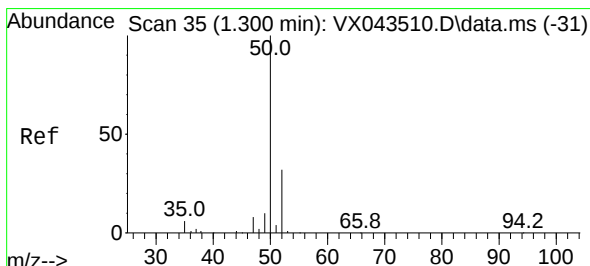
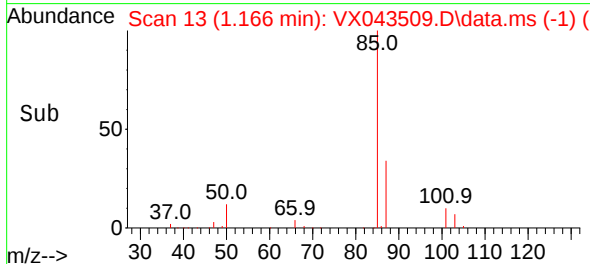
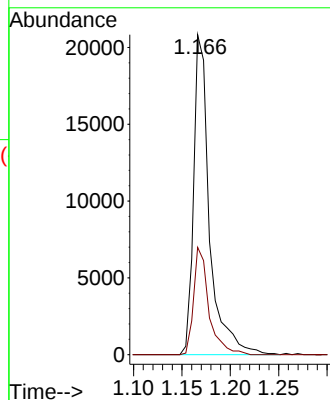
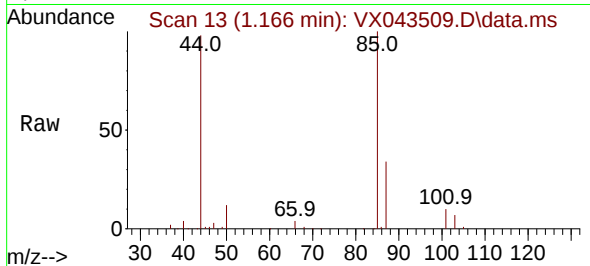
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 9.849 ug/L
 RT: 1.166 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: VX043509.D
 Acq: 25 Oct 2024 09:25

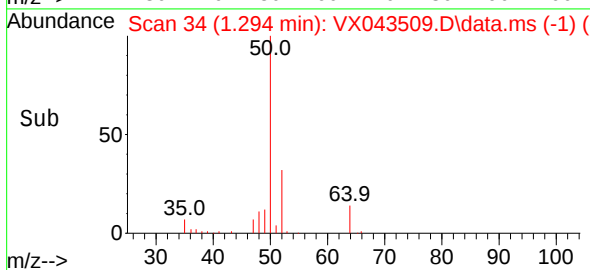
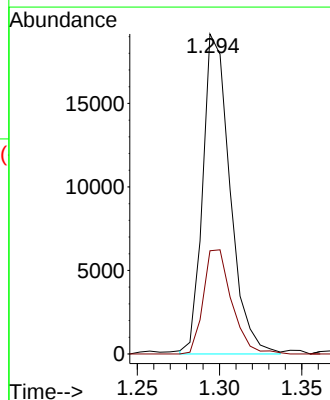
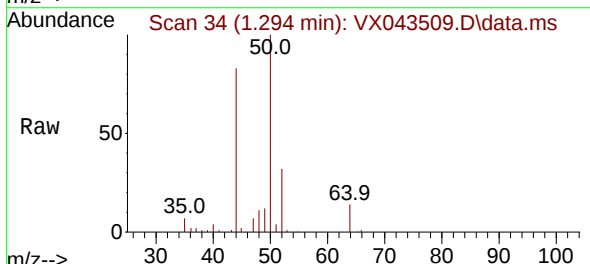
Instrument :
 MSVOA_X
 ClientSampleId :

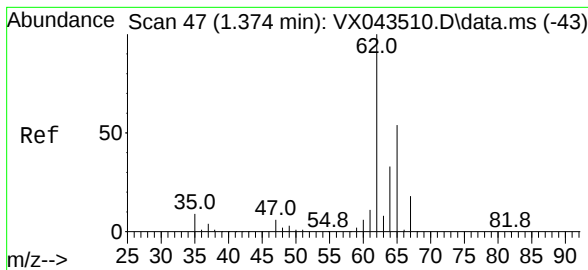
Tgt Ion: 85 Resp: 23796
 Ion Ratio Lower Upper
 85 100
 87 32.2 26.0 39.0



#3
 Chloromethane
 Concen: 9.930 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. -0.006 min
 Lab File: VX043509.D
 Acq: 25 Oct 2024 09:25

Tgt Ion: 50 Resp: 22066
 Ion Ratio Lower Upper
 50 100
 52 32.2 22.6 42.0





#5

Vinyl chloride

Concen: 9.728 ug/L

RT: 1.373 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX043509.D

Acq: 25 Oct 2024 09:25

Instrument :

MSVOA_X

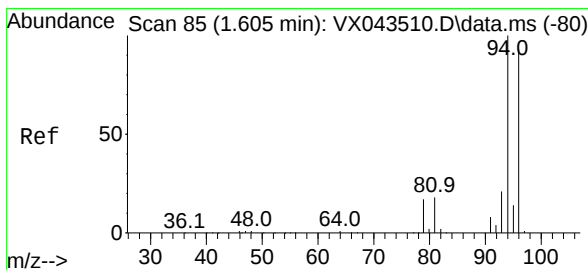
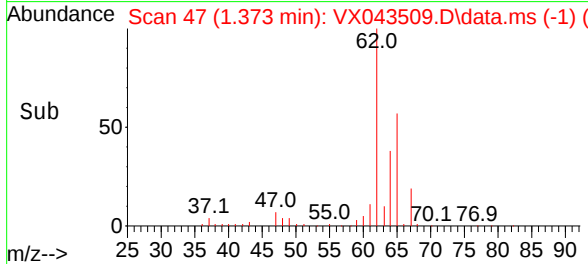
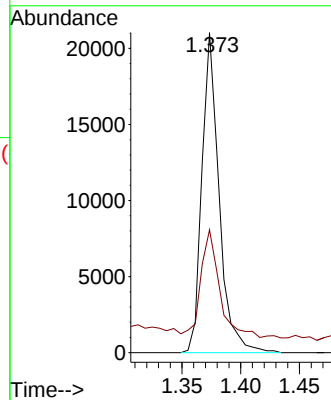
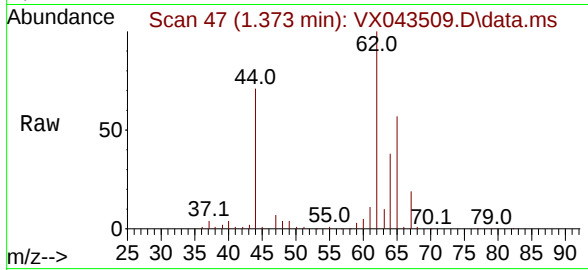
ClientSampleId :

Tgt Ion: 62 Resp: 21371

Ion Ratio Lower Upper

62 100

64 38.4 23.9 44.5



#6

Bromomethane

Concen: 10.887 ug/L

RT: 1.611 min Scan# 86

Delta R.T. 0.006 min

Lab File: VX043509.D

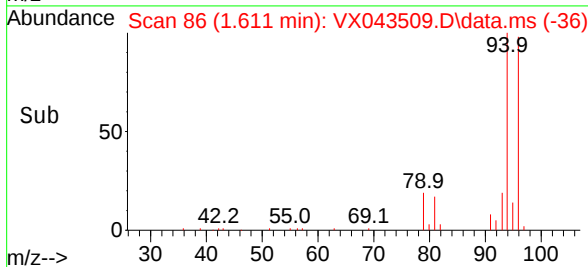
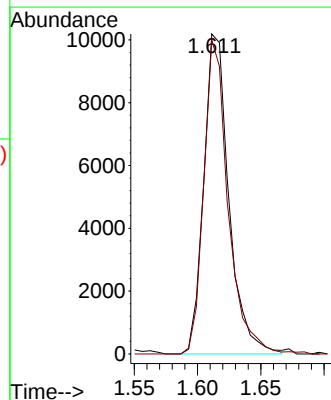
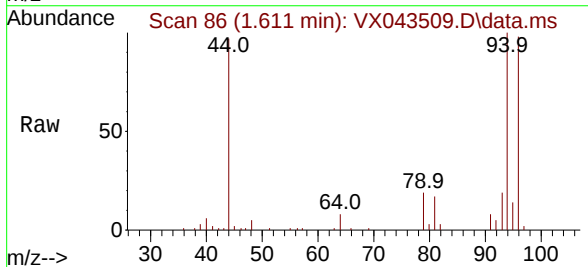
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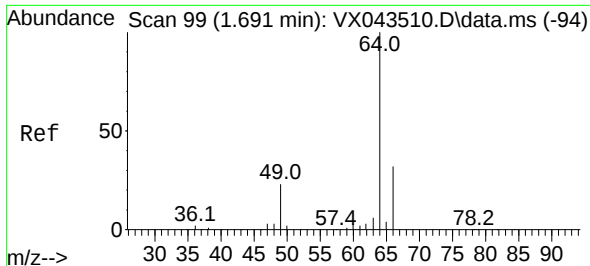
Tgt Ion: 94 Resp: 14117

Ion Ratio Lower Upper

94 100

96 98.1 65.2 121.2

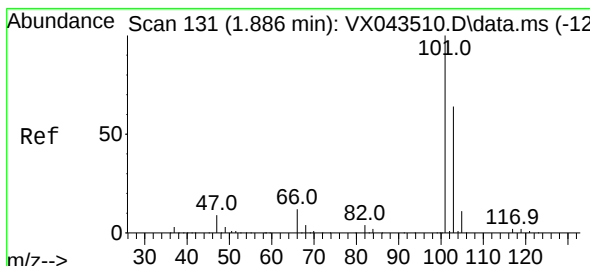
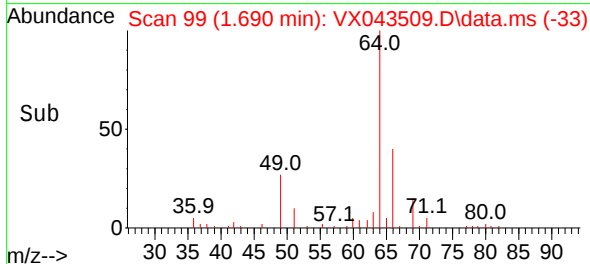
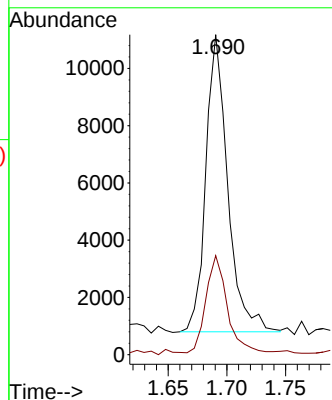
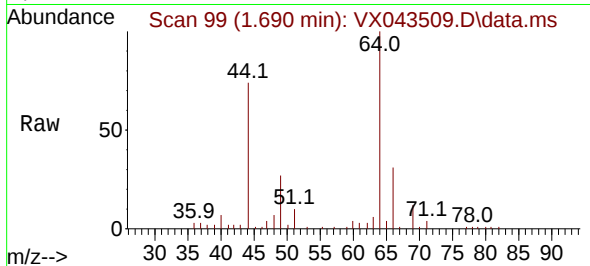




#8
Chloroethane
Concen: 10.302 ug/L
RT: 1.690 min Scan# 94
Delta R.T. -0.000 min
Lab File: VX043509.D
Acq: 25 Oct 2024 09:25

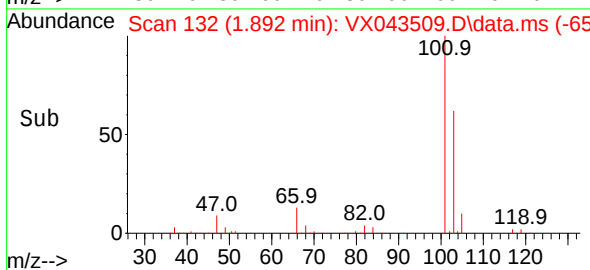
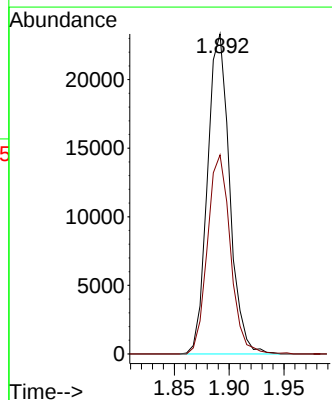
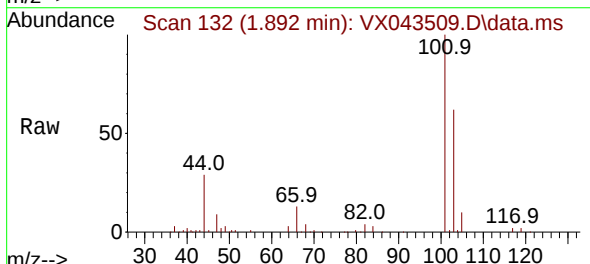
Instrument :
MSVOA_X
ClientSampleId :

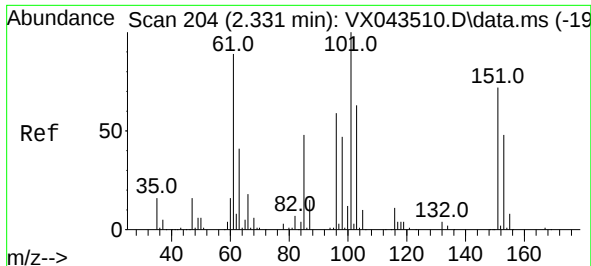
Tgt Ion: 64 Resp: 13420
Ion Ratio Lower Upper
64 100
66 31.0 22.5 41.7



#9
Trichlorofluoromethane
Concen: 10.002 ug/L
RT: 1.892 min Scan# 132
Delta R.T. 0.006 min
Lab File: VX043509.D
Acq: 25 Oct 2024 09:25

Tgt Ion:101 Resp: 32779
Ion Ratio Lower Upper
101 100
103 64.4 51.7 77.5

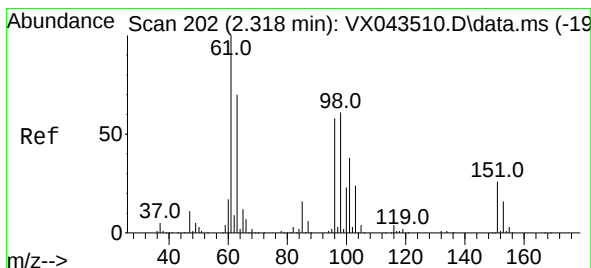
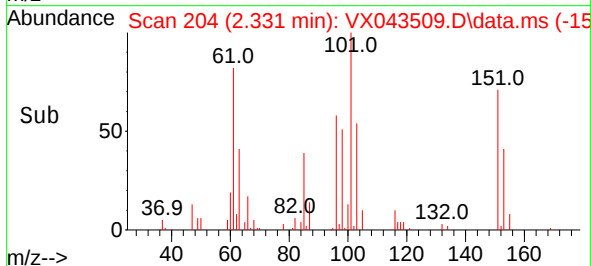
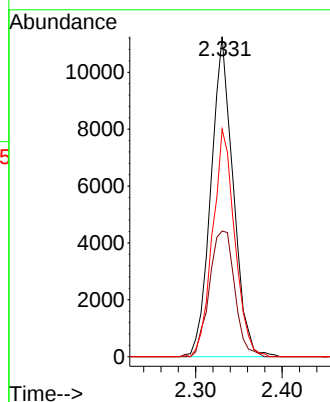
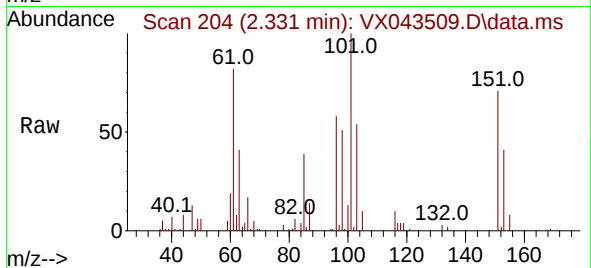




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 10.230 ug/L
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX043509.D
Acq: 25 Oct 2024 09:25

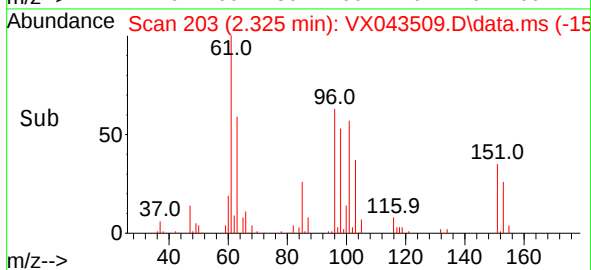
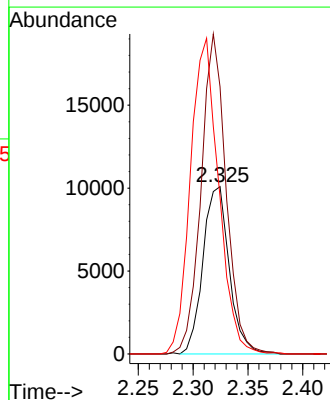
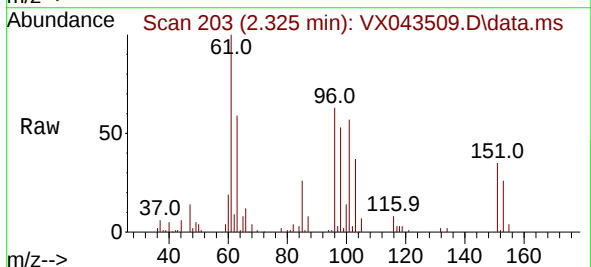
Instrument :
MSVOA_X
ClientSampleId :

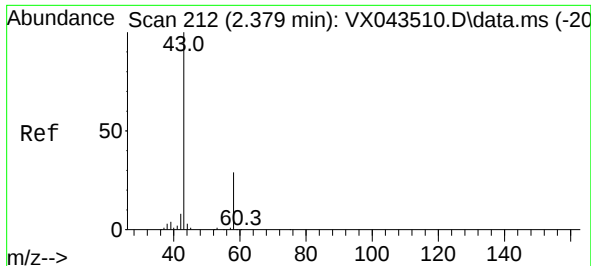
Tgt Ion:	101	Resp:	20078
Ion	Ratio	Lower	Upper
101	100		
85	44.6	35.6	53.4
151	70.6	57.7	86.5



#12
1,1-Dichloroethene
Concen: 9.787 ug/L
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX043509.D
Acq: 25 Oct 2024 09:25

Tgt Ion:	96	Resp:	16829
Ion	Ratio	Lower	Upper
96	100		
61	159.7	119.8	222.6
63	93.9	85.0	158.0





#13

Acetone

Concen: 21.065 ug/L

RT: 2.379 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX043509.D

Acq: 25 Oct 2024 09:25

Instrument :

MSVOA_X

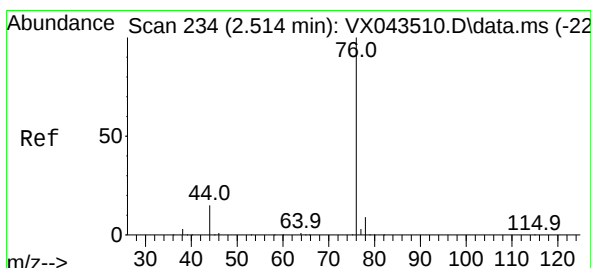
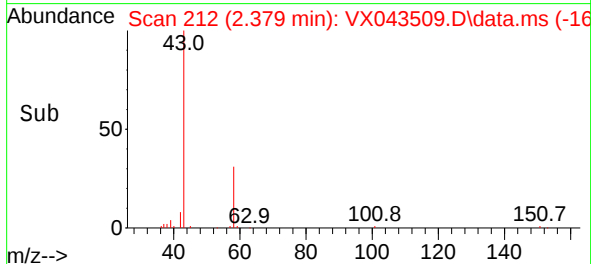
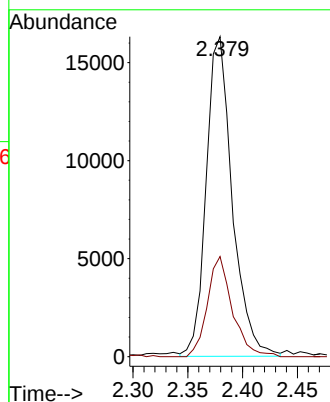
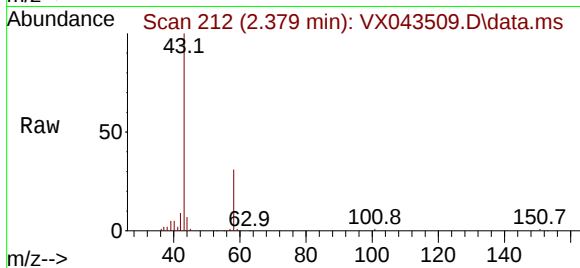
ClientSampleId :

Tgt Ion: 43 Resp: 27034

Ion Ratio Lower Upper

43 100

58 29.9 0.0 59.2



#14

Carbon disulfide

Concen: 9.483 ug/L

RT: 2.513 min Scan# 234

Delta R.T. -0.000 min

Lab File: VX043509.D

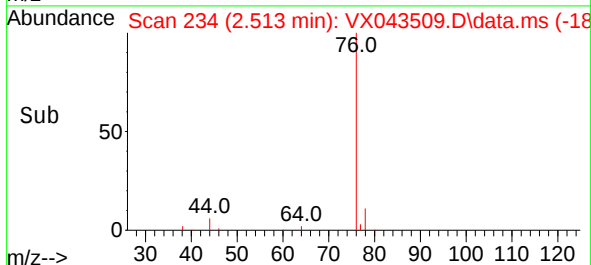
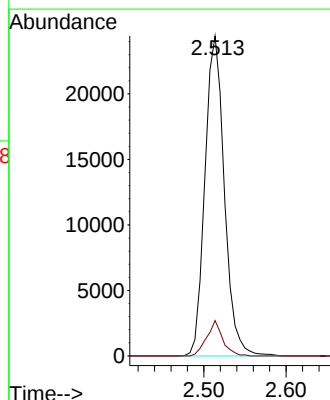
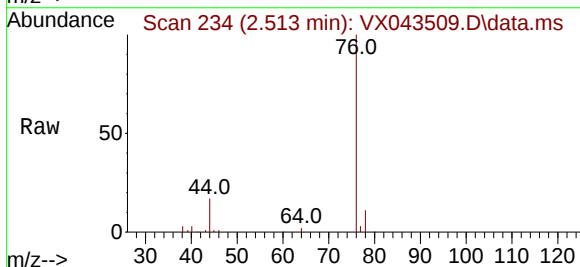
Acq: 25 Oct 2024 09:25

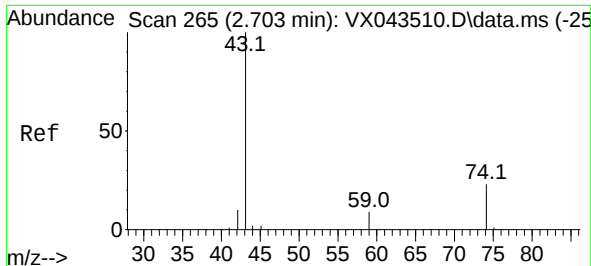
Tgt Ion: 76 Resp: 40103

Ion Ratio Lower Upper

76 100

78 11.1 7.5 11.3





#15

Methyl Acetate

Concen: 9.469 ug/L

RT: 2.702 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX043509.D

Acq: 25 Oct 2024 09:25

Instrument :

MSVOA_X

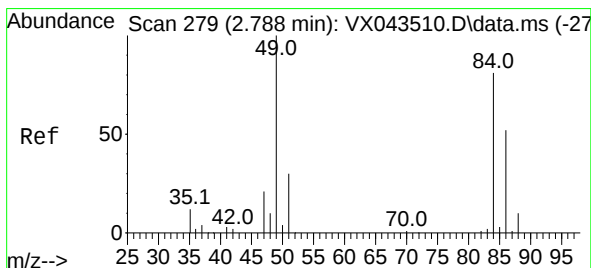
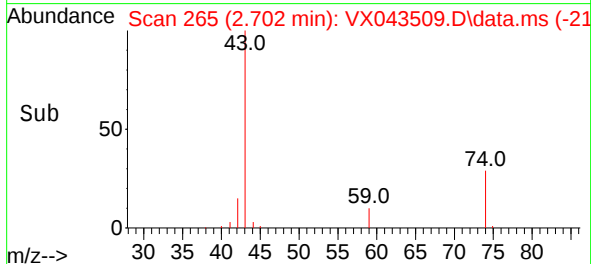
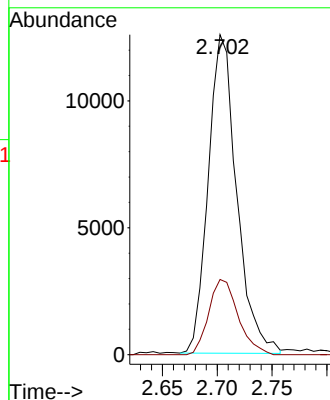
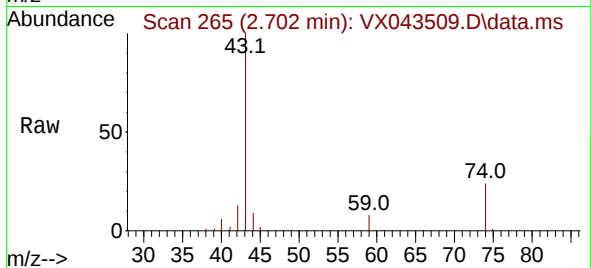
ClientSampleId :

Tgt Ion: 43 Resp: 22621

Ion Ratio Lower Upper

43 100

74 24.4 18.7 28.1



#16

Methylene chloride

Concen: 9.993 ug/L

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX043509.D

Acq: 25 Oct 2024 09:25

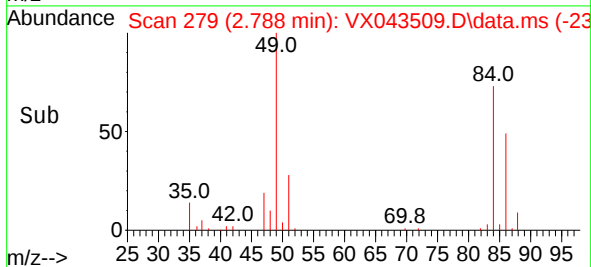
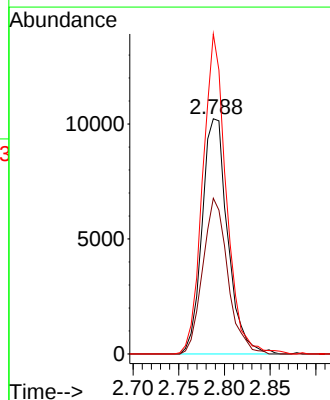
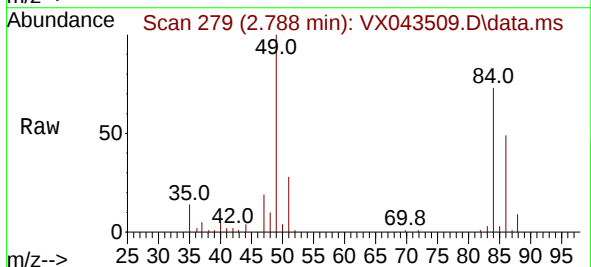
Tgt Ion: 84 Resp: 19902

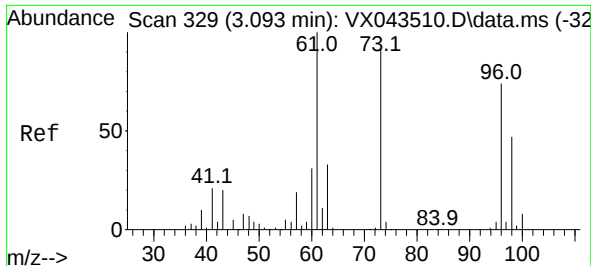
Ion Ratio Lower Upper

84 100

86 66.2 44.7 82.9

49 136.1 86.2 160.2





#17

trans-1,2-Dichloroethene

Concen: 9.721 ug/L

RT: 3.093 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX043509.D

Acq: 25 Oct 2024 09:25

Instrument :

MSVOA_X

ClientSampleId :

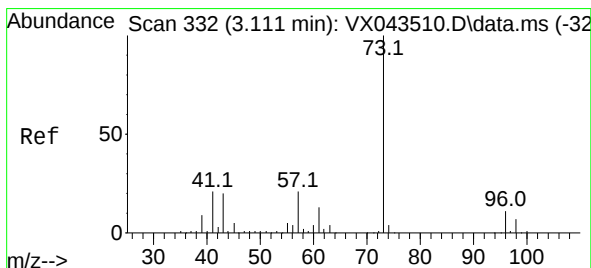
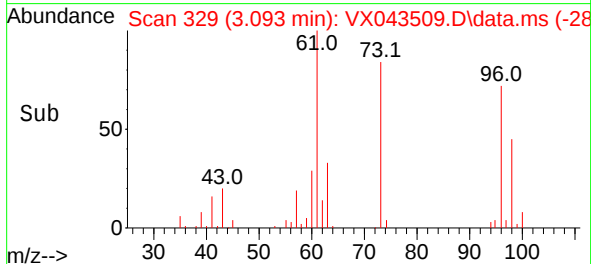
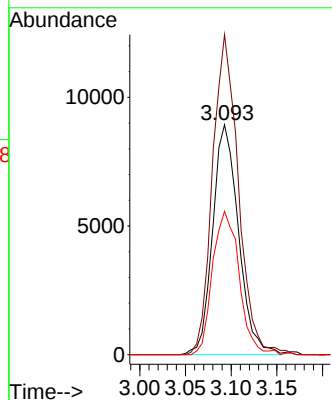
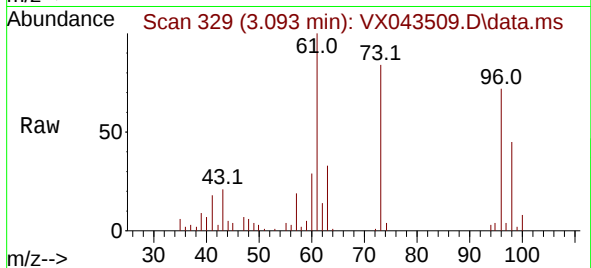
Tgt Ion: 96 Resp: 17577

Ion Ratio Lower Upper

96 100

61 139.2 94.3 175.1

98 62.4 44.3 82.3



#18

Methyl tert-butyl Ether

Concen: 9.872 ug/L

RT: 3.117 min Scan# 333

Delta R.T. 0.006 min

Lab File: VX043509.D

Acq: 25 Oct 2024 09:25

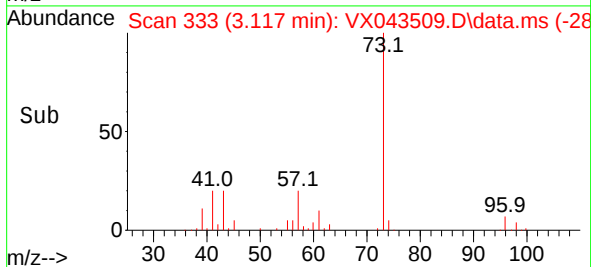
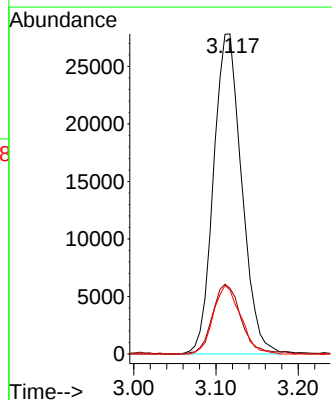
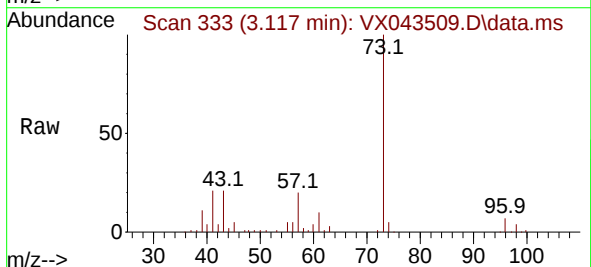
Tgt Ion: 73 Resp: 66313

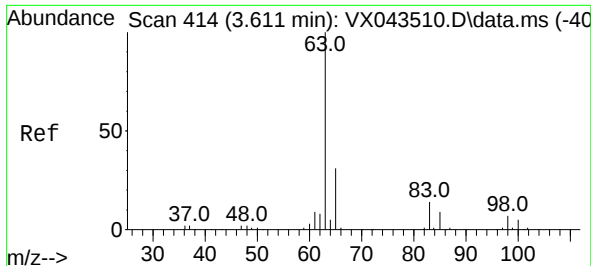
Ion Ratio Lower Upper

73 100

43 21.9 16.7 25.1

57 20.7 17.0 25.6





#19

1,1-Dichloroethane

Concen: 9.996 ug/L

RT: 3.605 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX043509.D

Acq: 25 Oct 2024 09:25

Instrument :

MSVOA_X

ClientSampleId :

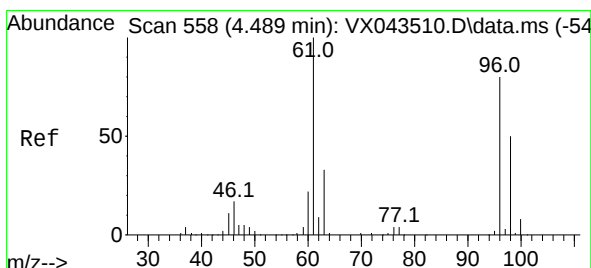
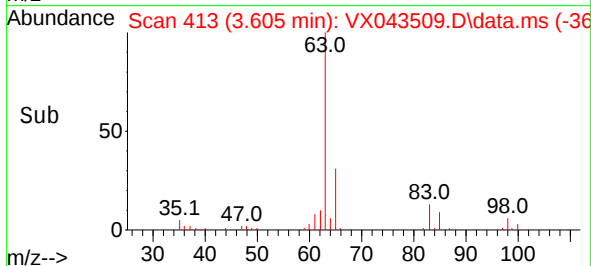
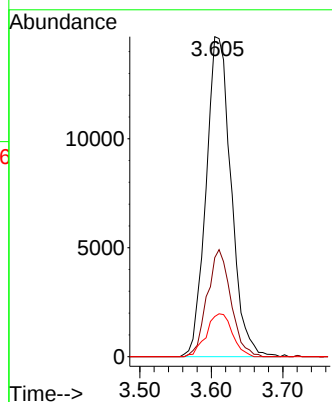
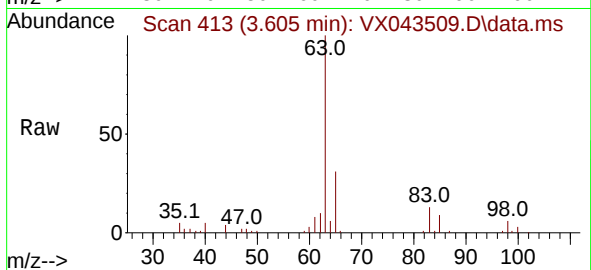
Tgt Ion: 63 Resp: 35634

Ion Ratio Lower Upper

63 100

65 30.9 21.8 40.6

83 12.6 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 9.744 ug/L

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX043509.D

Acq: 25 Oct 2024 09:25

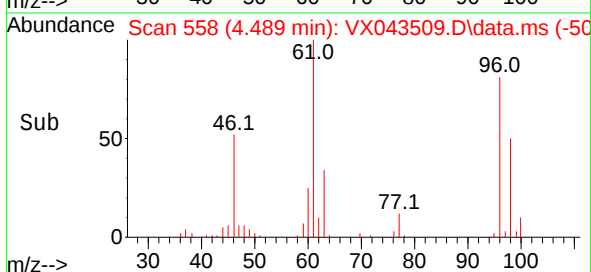
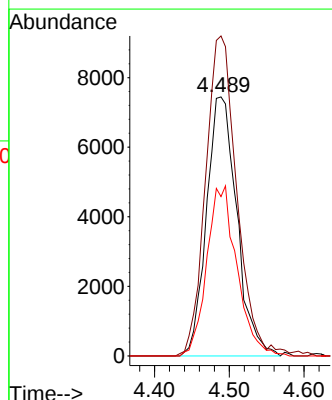
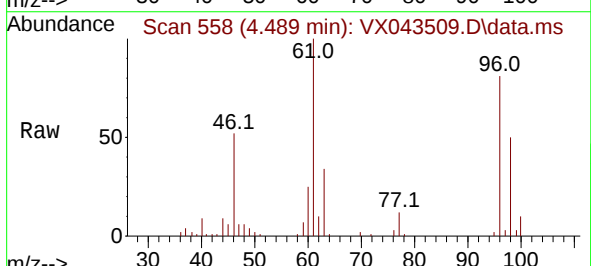
Tgt Ion: 96 Resp: 21021

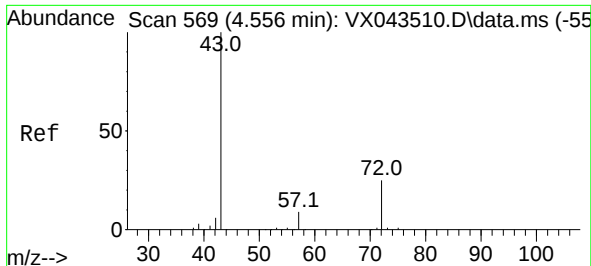
Ion Ratio Lower Upper

96 100

61 123.5 87.9 163.3

98 61.5 44.0 81.6





#22

2-Butanone

Concen: 19.325 ug/L

RT: 4.556 min Scan# 5

Delta R.T. -0.000 min

Lab File: VX043509.D

Acq: 25 Oct 2024 09:25

Instrument :

MSVOA_X

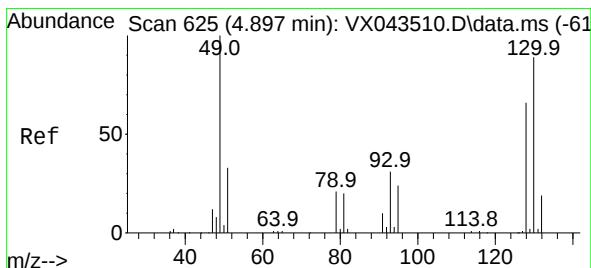
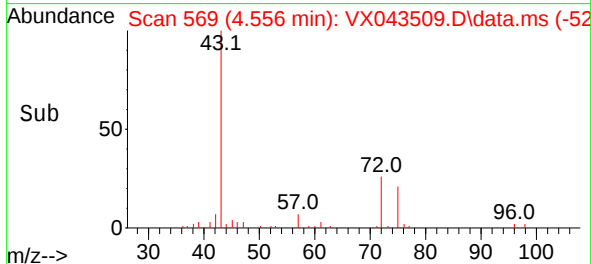
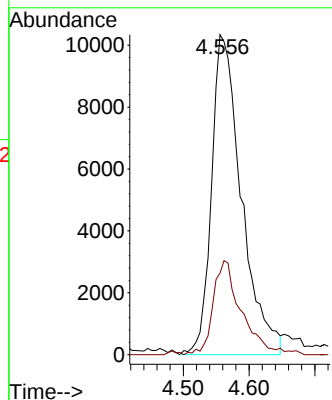
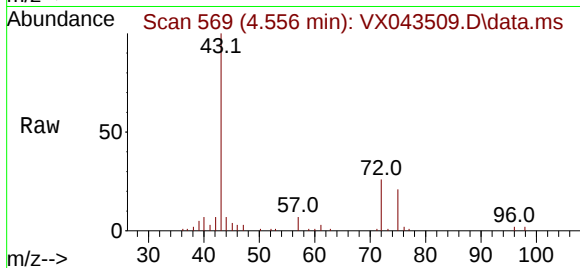
ClientSampleId :

Tgt Ion: 43 Resp: 32652

Ion Ratio Lower Upper

43 100

72 27.2 13.4 40.1



#23

Bromochloromethane

Concen: 9.855 ug/L

RT: 4.903 min Scan# 626

Delta R.T. 0.006 min

Lab File: VX043509.D

Acq: 25 Oct 2024 09:25

Tgt Ion: 128 Resp: 11138

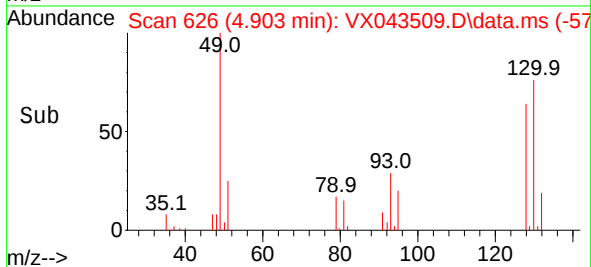
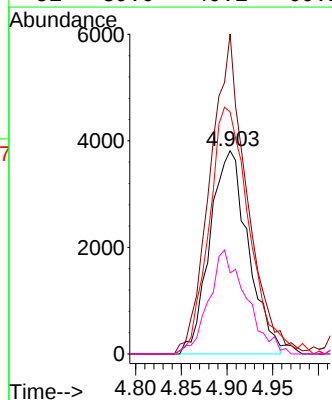
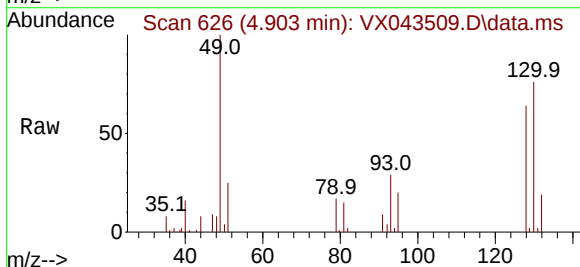
Ion Ratio Lower Upper

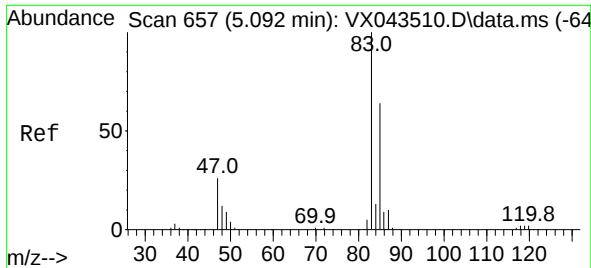
128 100

49 157.5 105.9 196.7

130 119.0 94.0 174.6

51 39.9 40.1 60.1#





#25

Chloroform

Concen: 10.180 ug/L

RT: 5.092 min Scan# 60

Delta R.T. -0.000 min

Lab File: VX043509.D

Acq: 25 Oct 2024 09:25

Instrument :

MSVOA_X

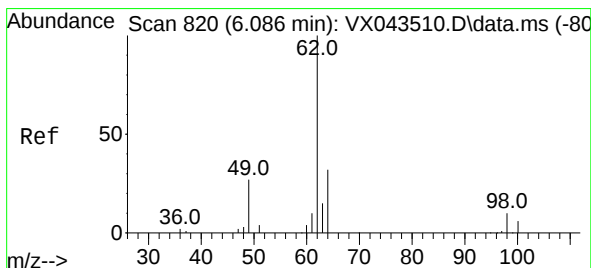
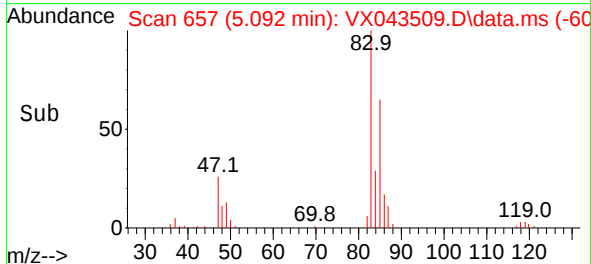
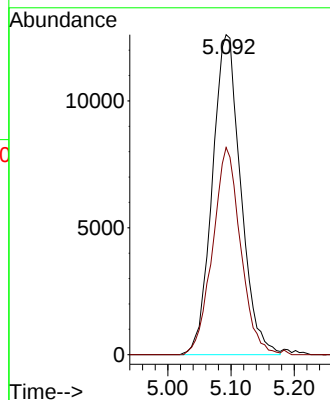
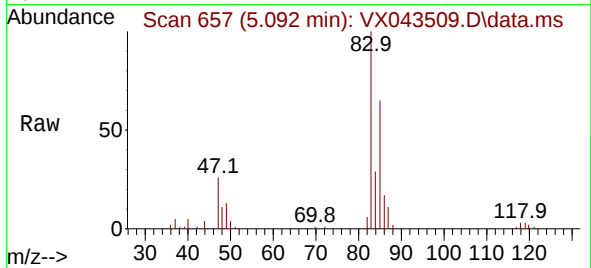
ClientSampleId :

Tgt Ion: 83 Resp: 39293

Ion Ratio Lower Upper

83 100

85 64.8 44.8 83.2



#27

1,2-Dichloroethane

Concen: 10.261 ug/L

RT: 6.092 min Scan# 821

Delta R.T. 0.006 min

Lab File: VX043509.D

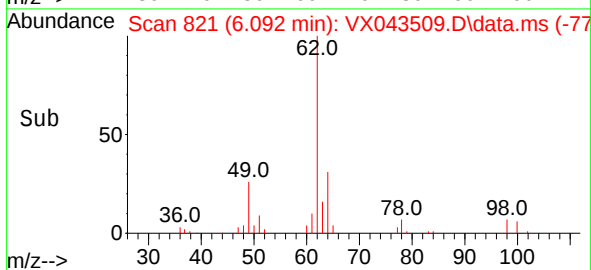
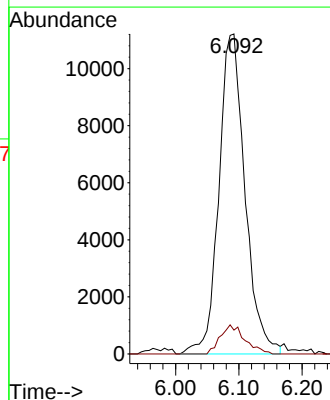
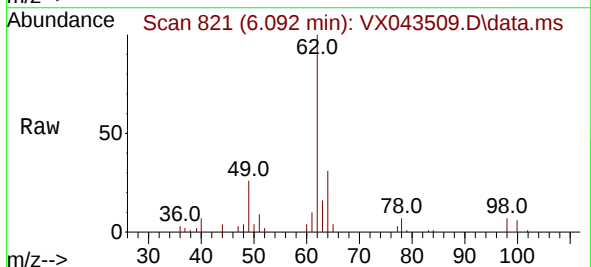
Acq: 25 Oct 2024 09:25

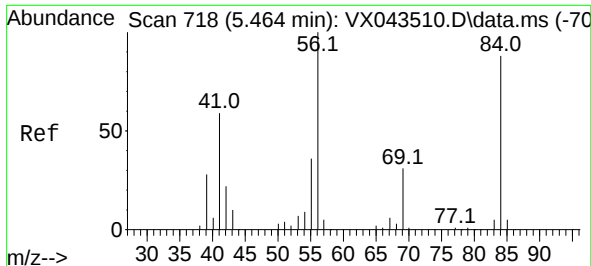
Tgt Ion: 62 Resp: 32120

Ion Ratio Lower Upper

62 100

98 7.4 8.0 12.0#





#29

Cyclohexane

Concen: 9.903 ug/L

RT: 5.470 min Scan# 718

Delta R.T. 0.006 min

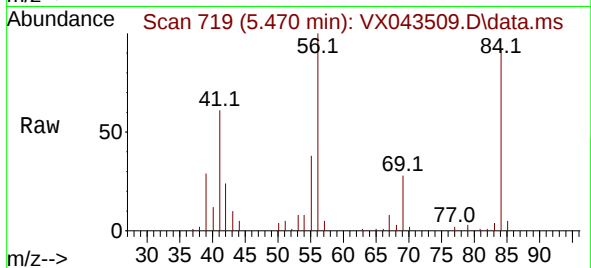
Lab File: VX043509.D

Acq: 25 Oct 2024 09:25

Instrument :

MSVOA_X

ClientSampleId :



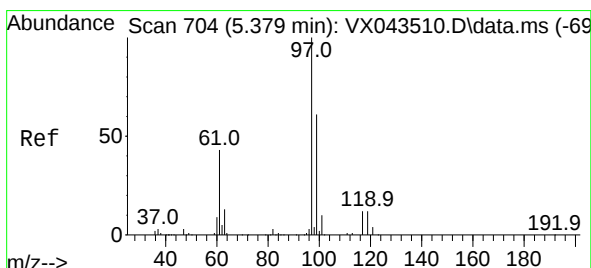
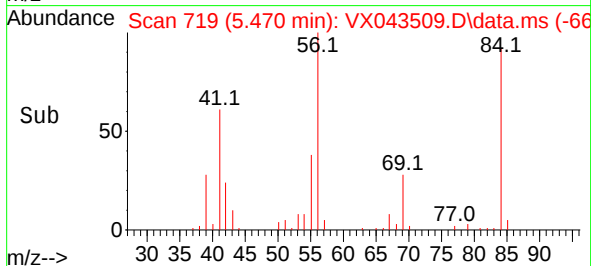
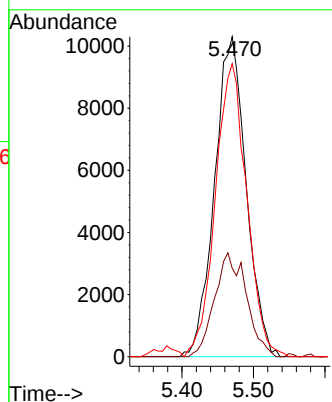
Tgt Ion: 56 Resp: 31562

Ion Ratio Lower Upper

56 100

69 22.1 25.3 37.9#

84 91.0 72.9 109.3



#30

1,1,1-Trichloroethane

Concen: 9.743 ug/L

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX043509.D

Acq: 25 Oct 2024 09:25

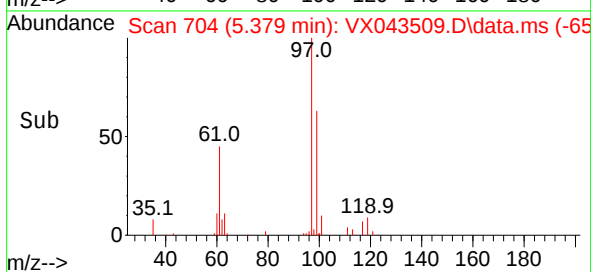
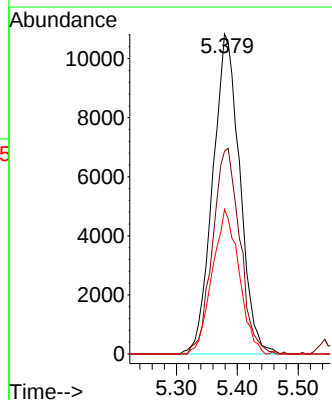
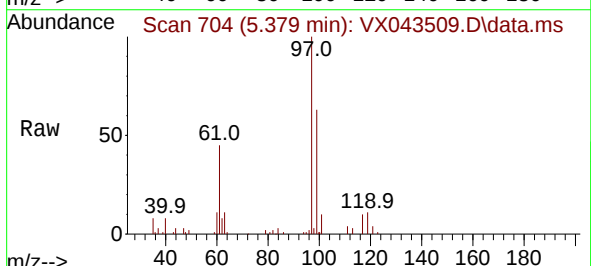
Tgt Ion: 97 Resp: 33443

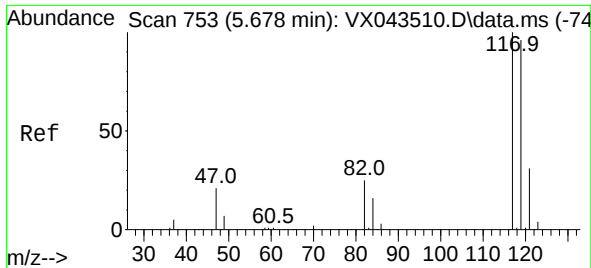
Ion Ratio Lower Upper

97 100

99 64.7 51.0 76.4

61 44.8 34.6 52.0

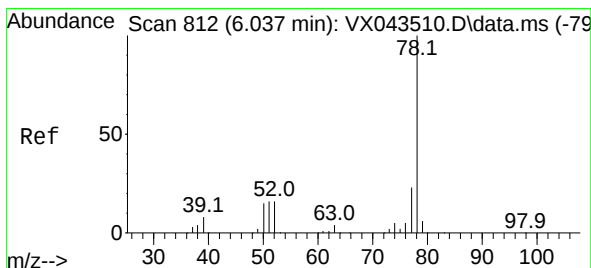
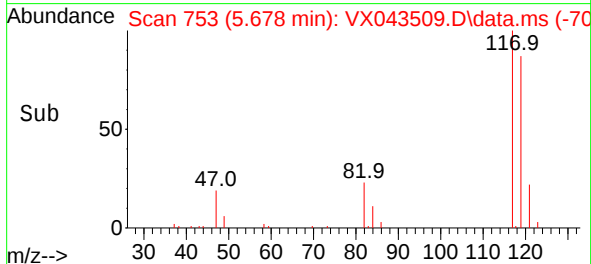
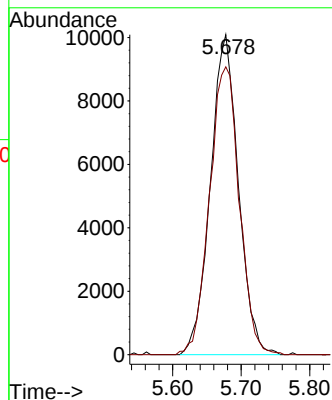
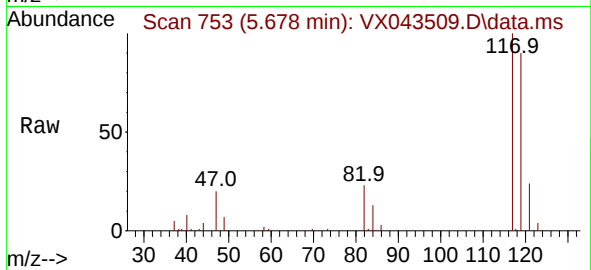




#31
Carbon tetrachloride
Concen: 9.715 ug/L
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX043509.D
Acq: 25 Oct 2024 09:25

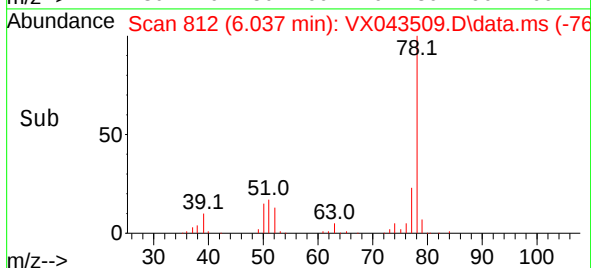
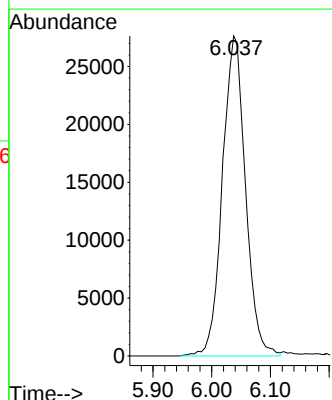
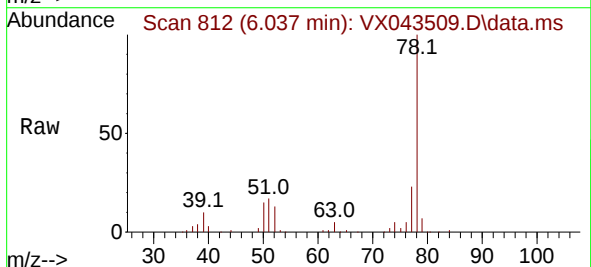
Instrument :
MSVOA_X
ClientSampleId :

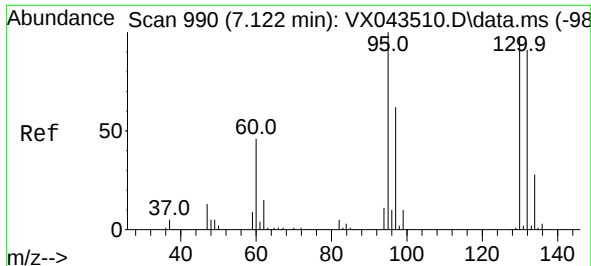
Tgt Ion:117 Resp: 28627
Ion Ratio Lower Upper
117 100
119 95.8 78.0 117.0



#33
Benzene
Concen: 9.948 ug/L
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX043509.D
Acq: 25 Oct 2024 09:25

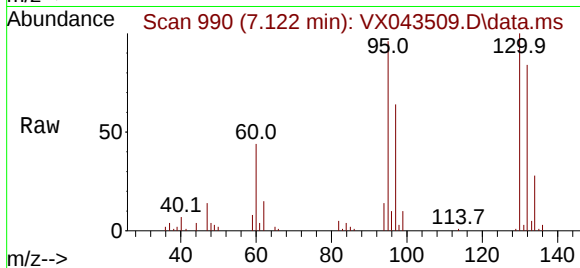
Tgt Ion: 78 Resp: 75533





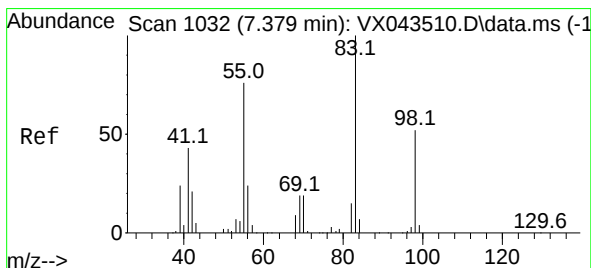
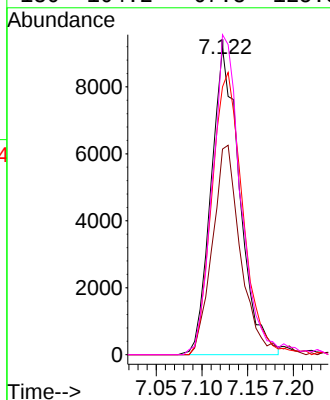
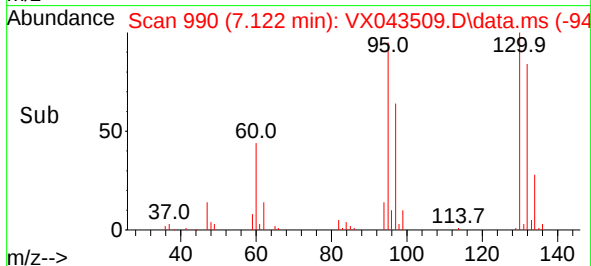
#34
Trichloroethene
Concen: 9.623 ug/L
RT: 7.122 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX043509.D
Acq: 25 Oct 2024 09:25

Instrument :
MSVOA_X
ClientSampleId :

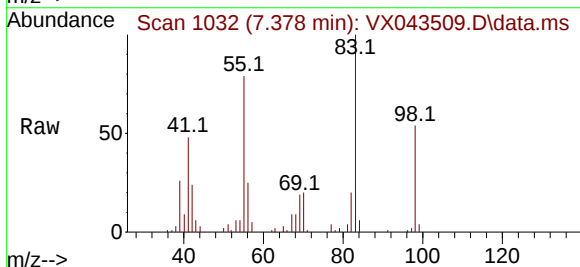


Tgt Ion: 95 Resp: 20068

Ion	Ratio	Lower	Upper
95	100		
97	66.9	43.3	80.5
132	87.2	63.7	118.3
130	104.2	67.8	125.8

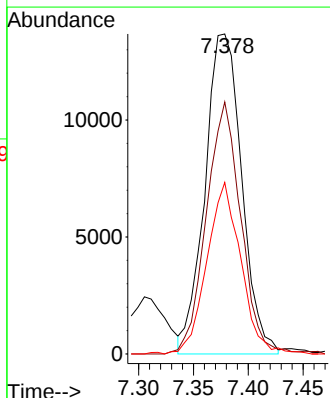
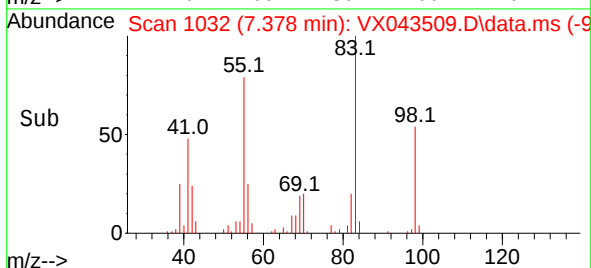


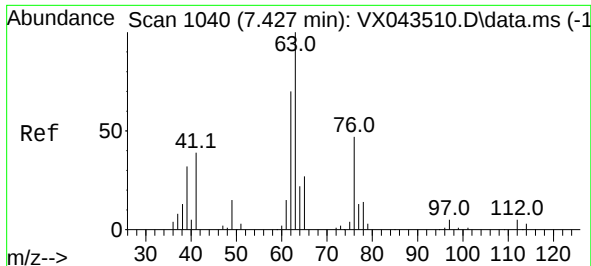
#35
Methylcyclohexane
Concen: 9.949 ug/L
RT: 7.378 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX043509.D
Acq: 25 Oct 2024 09:25



Tgt Ion: 83 Resp: 31924

Ion	Ratio	Lower	Upper
83	100		
55	73.8	60.6	91.0
98	49.6	41.0	61.6

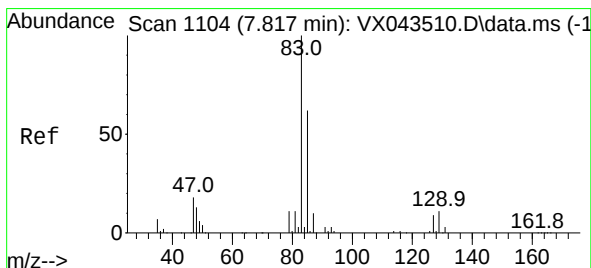
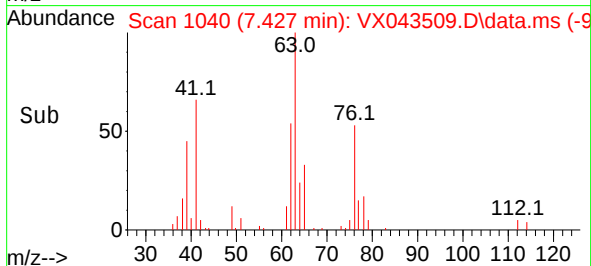
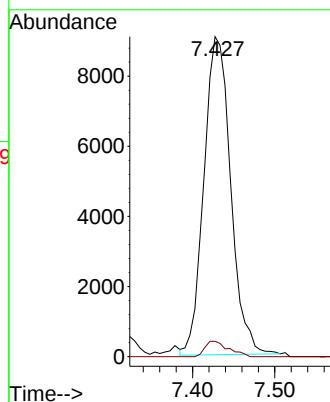
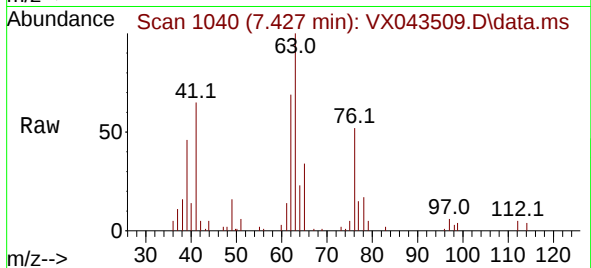




#37
1,2-Dichloropropane
Concen: 10.156 ug/L
RT: 7.427 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX043509.D
Acq: 25 Oct 2024 09:25

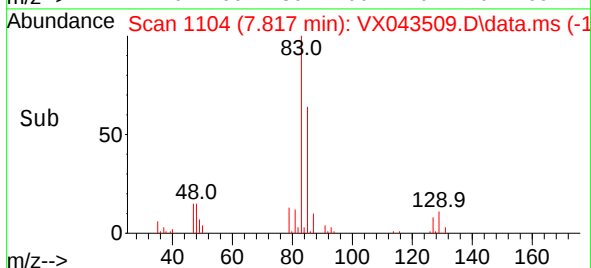
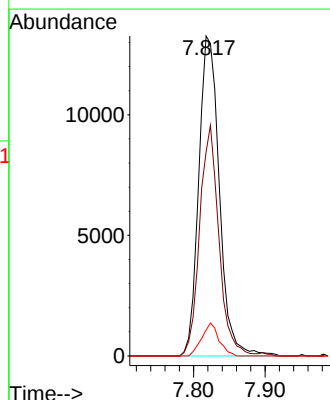
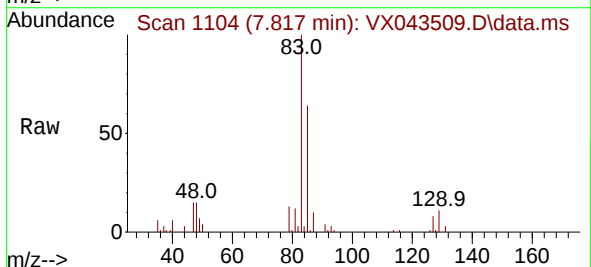
Instrument :
MSVOA_X
ClientSampleId :

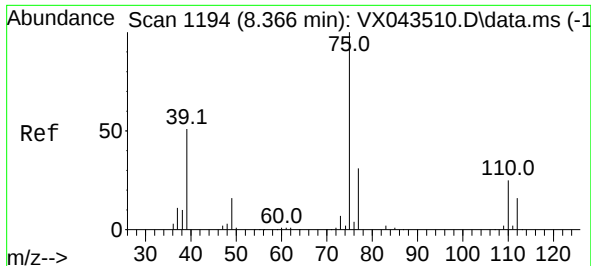
Tgt Ion: 63 Resp: 20544
Ion Ratio Lower Upper
63 100
112 4.3 3.7 5.5



#38
Bromodichloromethane
Concen: 9.536 ug/L
RT: 7.817 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX043509.D
Acq: 25 Oct 2024 09:25

Tgt Ion: 83 Resp: 26557
Ion Ratio Lower Upper
83 100
85 63.8 43.5 80.9
127 8.7 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 9.789 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX043509.D

Acq: 25 Oct 2024 09:25

Instrument :

MSVOA_X

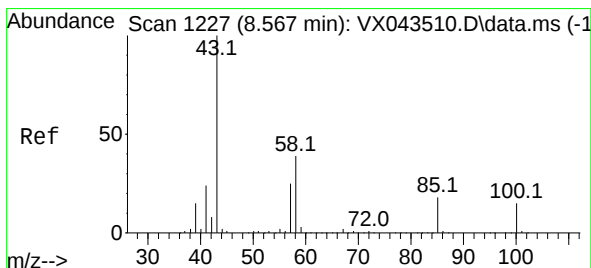
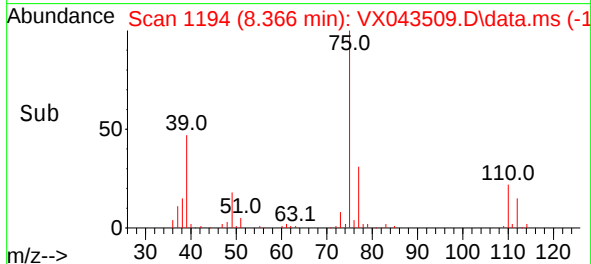
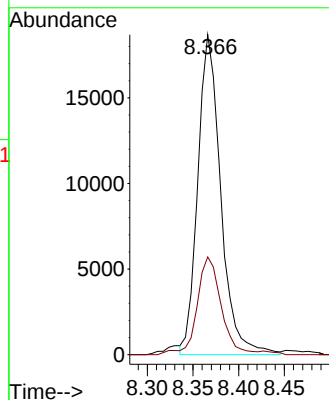
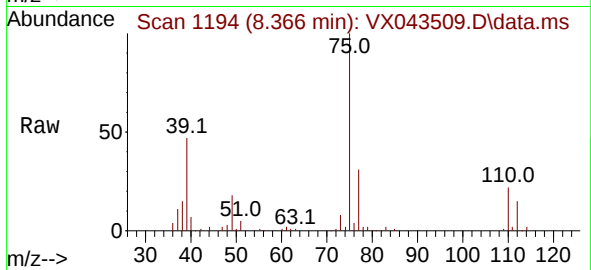
ClientSampleId :

Tgt Ion: 75 Resp: 32736

Ion Ratio Lower Upper

75 100

77 30.5 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 19.329 ug/L

RT: 8.573 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VX043509.D

Acq: 25 Oct 2024 09:25

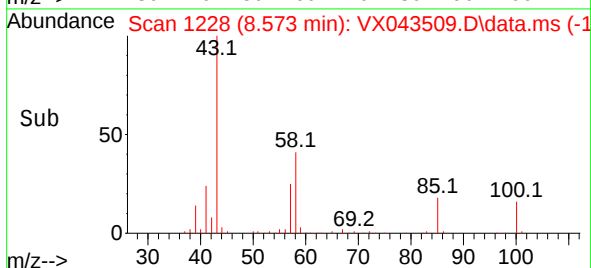
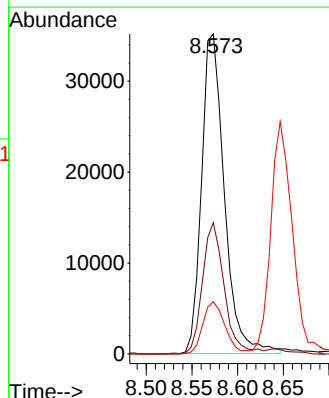
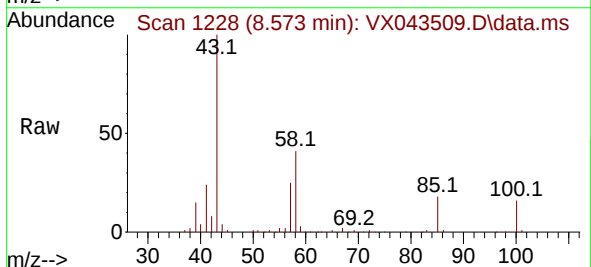
Tgt Ion: 43 Resp: 60922

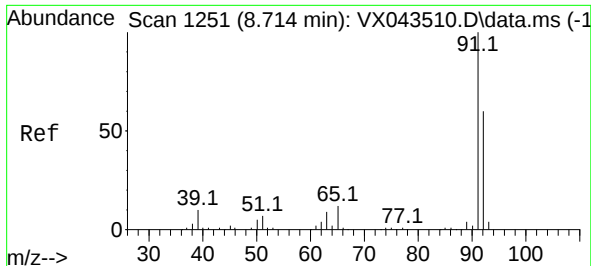
Ion Ratio Lower Upper

43 100

58 38.6 31.1 46.7

100 15.7 13.0 19.4





#42

Toluene

Concen: 10.022 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX043509.D

Acq: 25 Oct 2024 09:25

Instrument :

MSVOA_X

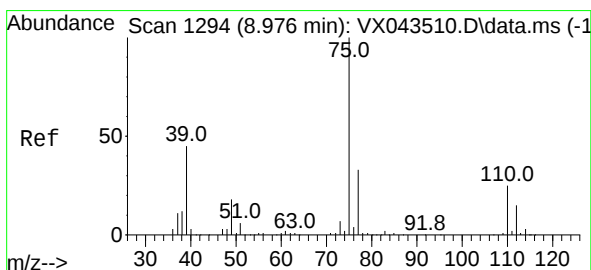
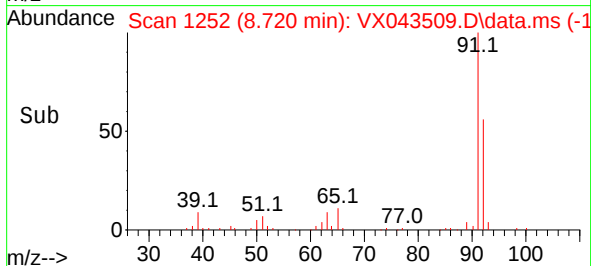
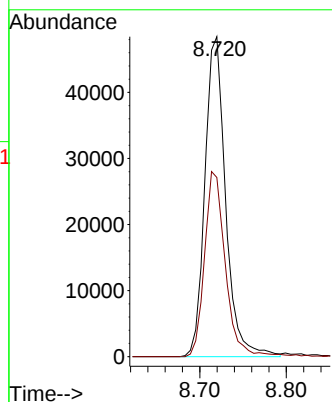
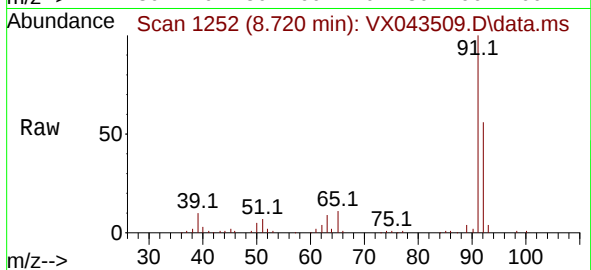
ClientSampleId :

Tgt Ion: 91 Resp: 80552

Ion Ratio Lower Upper

91 100

92 56.0 42.1 78.1



#44

trans-1,3-Dichloropropene

Concen: 9.351 ug/L

RT: 8.982 min Scan# 1295

Delta R.T. 0.006 min

Lab File: VX043509.D

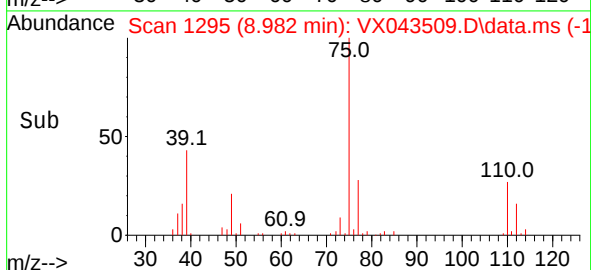
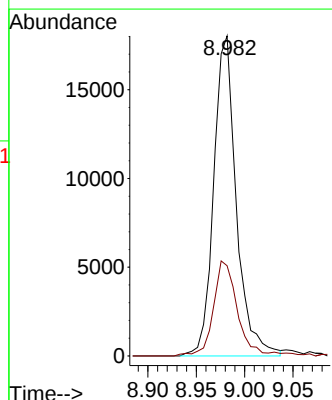
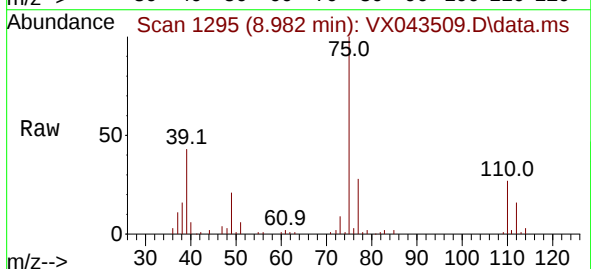
Acq: 25 Oct 2024 09:25

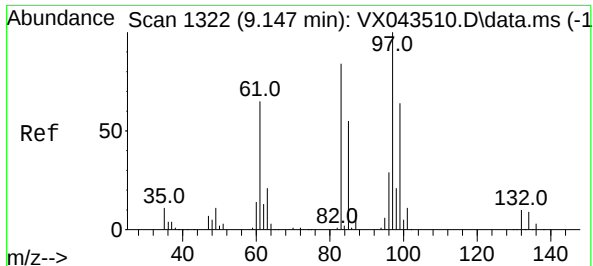
Tgt Ion: 75 Resp: 29281

Ion Ratio Lower Upper

75 100

77 28.2 22.9 42.5





#45

1,1,2-Trichloroethane

Concen: 9.946 ug/L

RT: 9.153 min Scan# 1323

Delta R.T. 0.006 min

Lab File: VX043509.D

Acq: 25 Oct 2024 09:25

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 20716

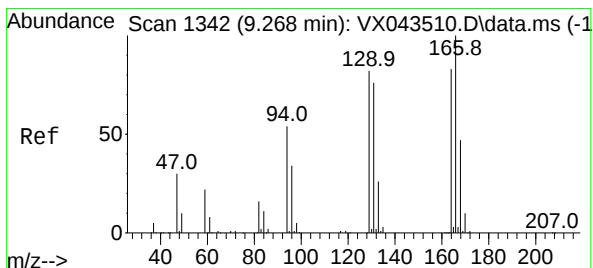
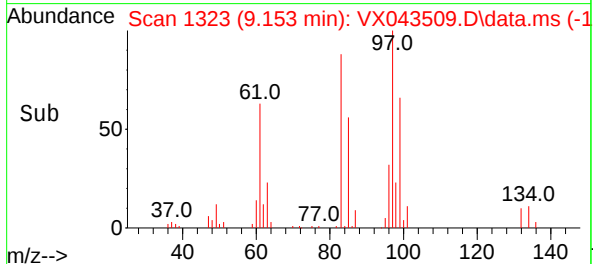
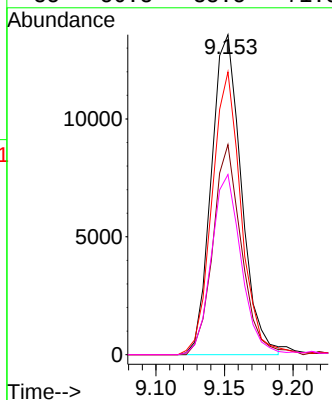
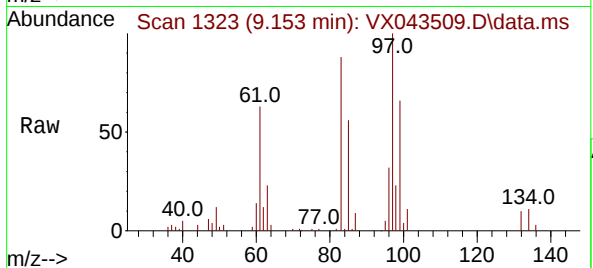
Ion Ratio Lower Upper

97 100

99 65.7 44.7 83.1

83 88.3 58.9 109.3

85 56.3 38.5 71.5



#46

Tetrachloroethene

Concen: 9.667 ug/L

RT: 9.274 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VX043509.D

Acq: 25 Oct 2024 09:25

Tgt Ion:164 Resp: 14450

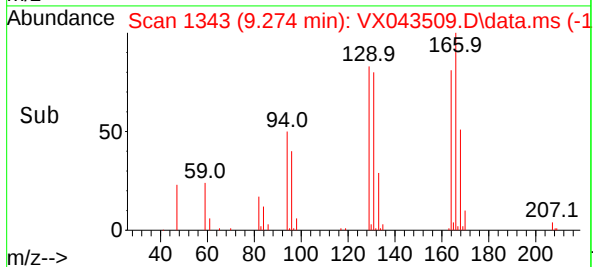
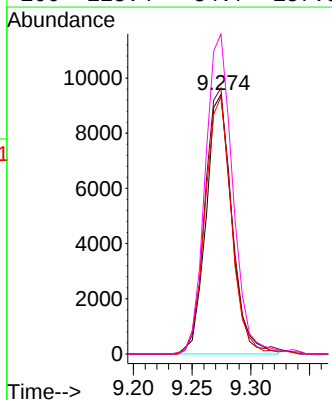
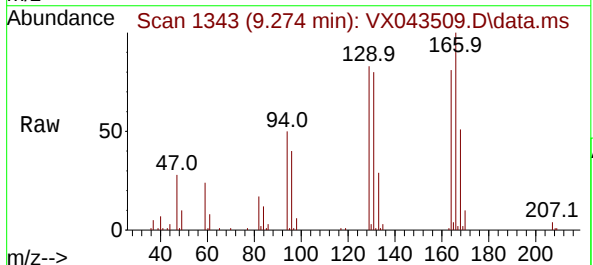
Ion Ratio Lower Upper

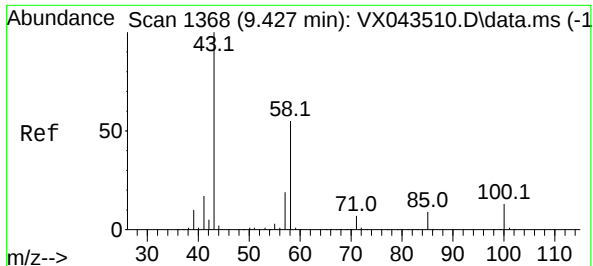
164 100

129 102.6 69.9 129.9

131 99.2 64.0 119.0

166 123.4 84.7 157.3





#48

2-Hexanone

Concen: 20.074 ug/L

RT: 9.427 min Scan# 1368

Delta R.T. -0.000 min

Lab File: VX043509.D

Acq: 25 Oct 2024 09:25

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 43 Resp: 48331

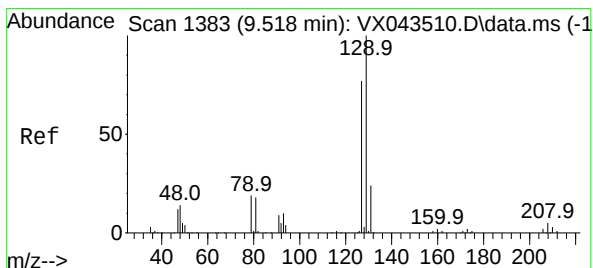
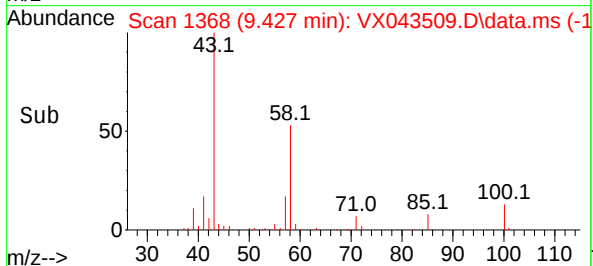
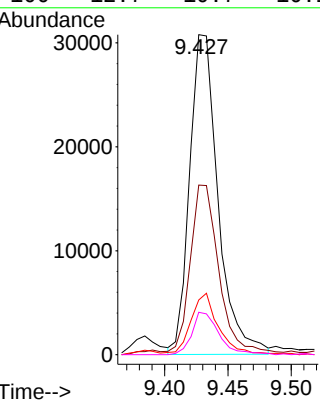
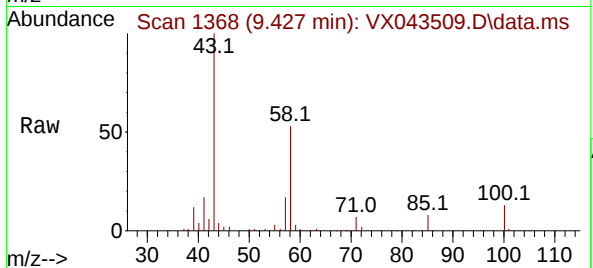
Ion Ratio Lower Upper

43 100

58 54.0 44.6 67.0

57 18.4 16.2 24.2

100 12.7 10.7 16.1



#49

Dibromochloromethane

Concen: 9.347 ug/L

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX043509.D

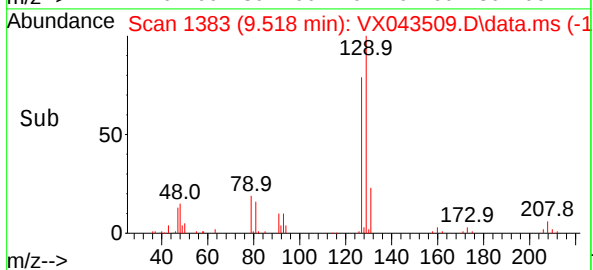
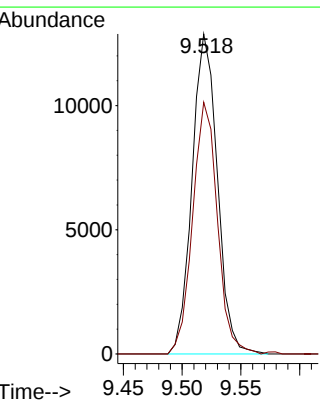
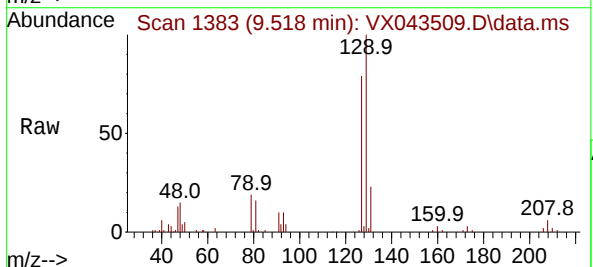
Acq: 25 Oct 2024 09:25

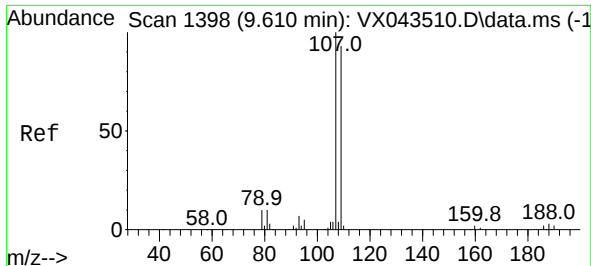
Tgt Ion:129 Resp: 19270

Ion Ratio Lower Upper

129 100

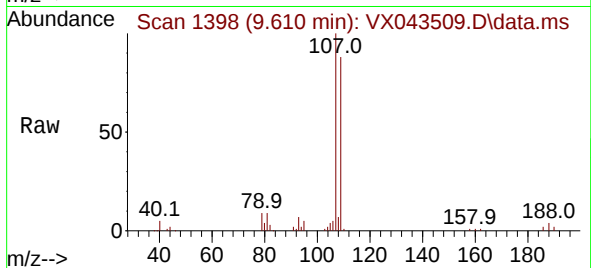
127 78.6 54.0 100.4



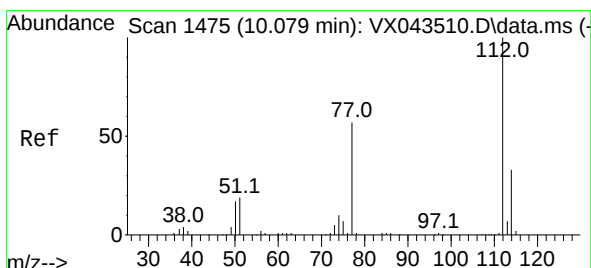
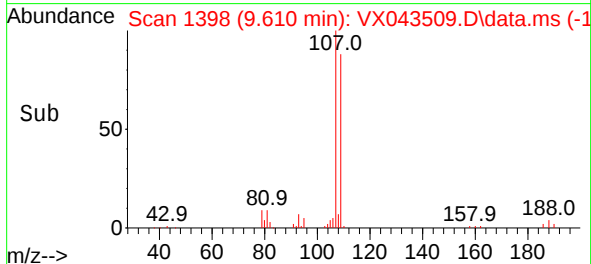
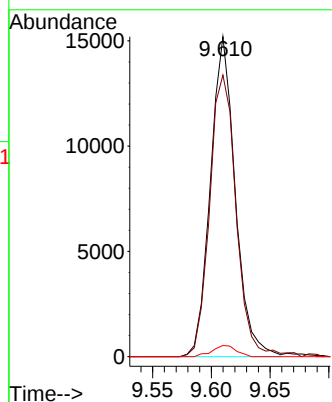


#50
1,2-Dibromoethane
Concen: 10.055 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX043509.D
Acq: 25 Oct 2024 09:25

Instrument :
MSVOA_X
ClientSampleId :

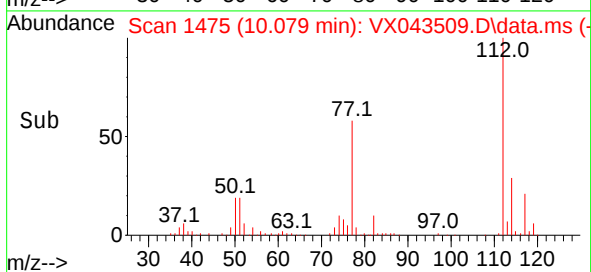
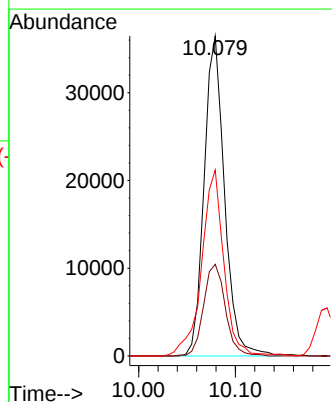
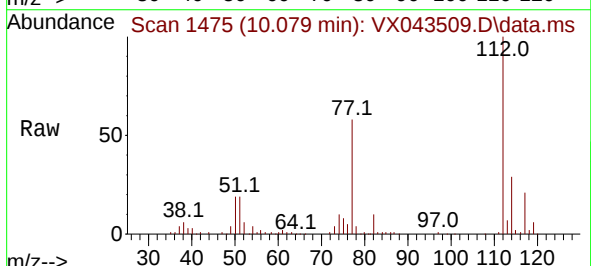


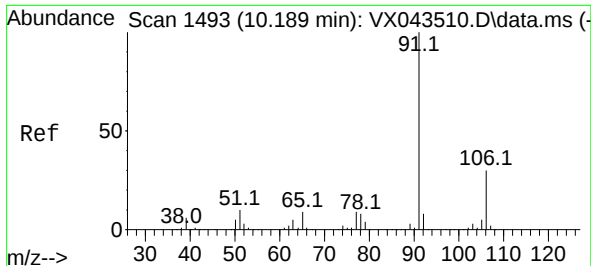
Tgt Ion:107 Resp: 22376
Ion Ratio Lower Upper
107 100
109 88.0 65.0 120.6
188 3.5 2.8 4.2



#51
Chlorobenzene
Concen: 10.089 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX043509.D
Acq: 25 Oct 2024 09:25

Tgt Ion:112 Resp: 53541
Ion Ratio Lower Upper
112 100
114 28.7 23.4 43.4
77 58.1 46.1 69.1





#52

Ethylbenzene

Concen: 9.835 ug/L

RT: 10.195 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VX043509.D

Acq: 25 Oct 2024 09:25

Instrument :

MSVOA_X

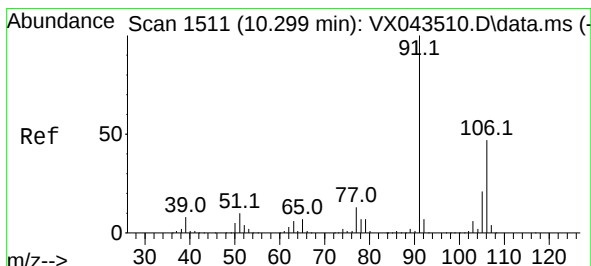
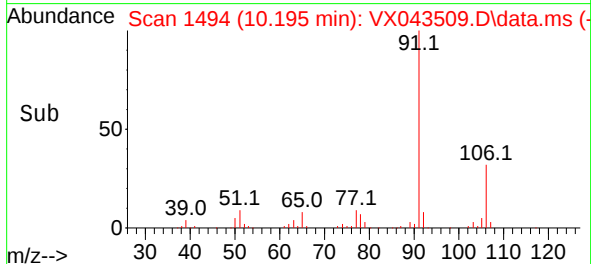
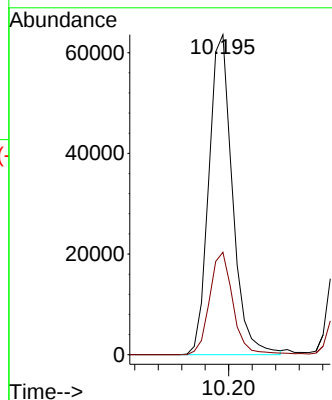
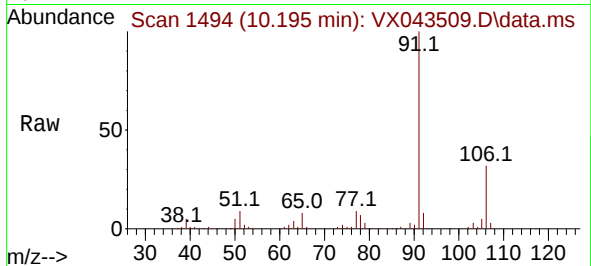
ClientSampleId :

Tgt Ion: 91 Resp: 88683

Ion Ratio Lower Upper

91 100

106 32.0 20.9 38.7



#53

m,p-Xylene

Concen: 9.816 ug/L

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX043509.D

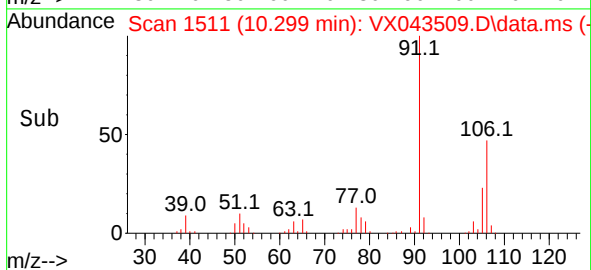
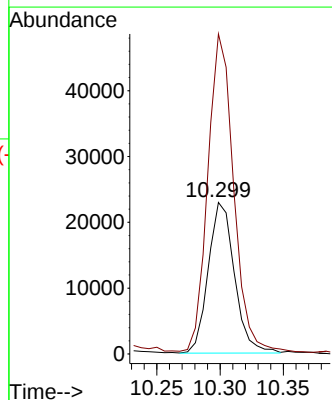
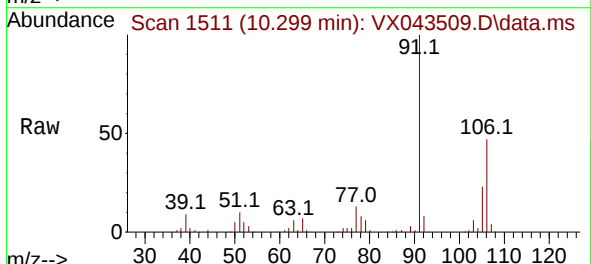
Acq: 25 Oct 2024 09:25

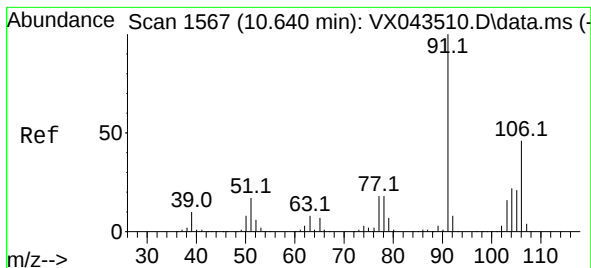
Tgt Ion:106 Resp: 33095

Ion Ratio Lower Upper

106 100

91 211.1 149.0 276.8





#54

o-Xylene

Concen: 9.898 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX043509.D

Acq: 25 Oct 2024 09:25

Instrument :

MSVOA_X

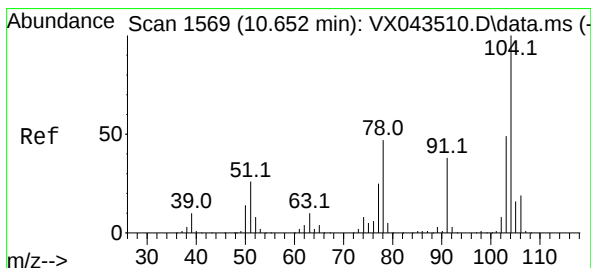
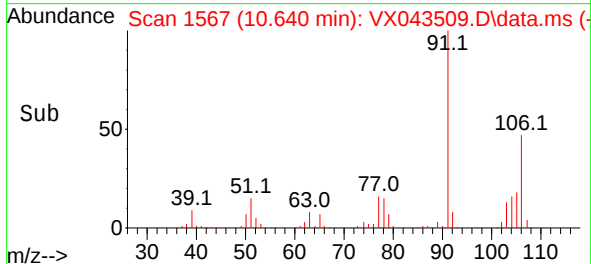
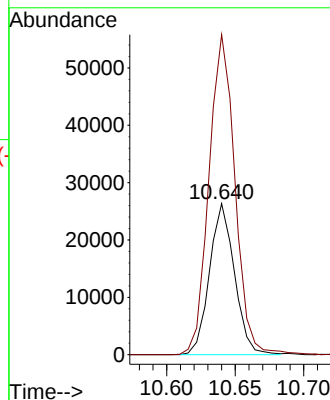
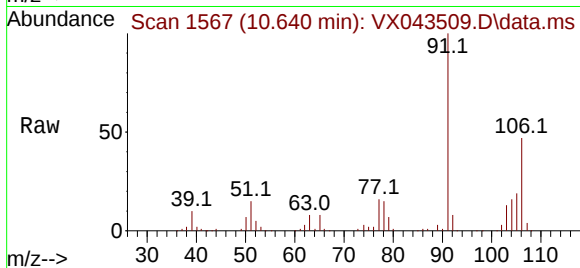
ClientSampleId :

Tgt Ion:106 Resp: 33422

Ion Ratio Lower Upper

106 100

91 211.9 152.9 284.1



#55

Styrene

Concen: 9.644 ug/L

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX043509.D

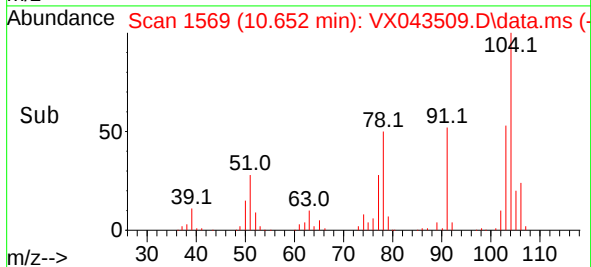
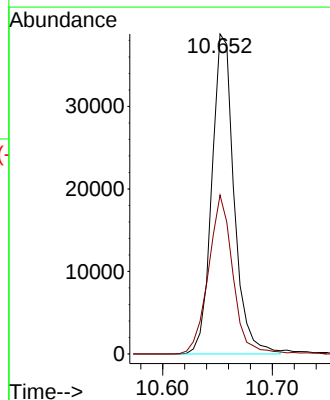
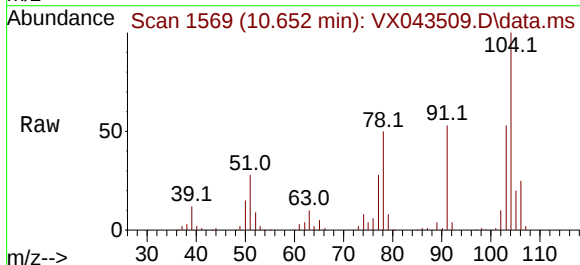
Acq: 25 Oct 2024 09:25

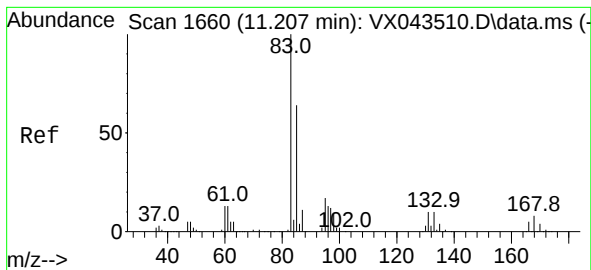
Tgt Ion:104 Resp: 54710

Ion Ratio Lower Upper

104 100

78 49.6 32.8 61.0





#57

1,1,2,2-Tetrachloroethane

Concen: 10.062 ug/L

RT: 11.213 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX043509.D

Acq: 25 Oct 2024 09:25

Instrument :

MSVOA_X

ClientSampleId :

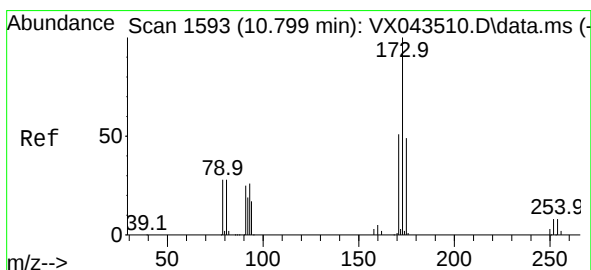
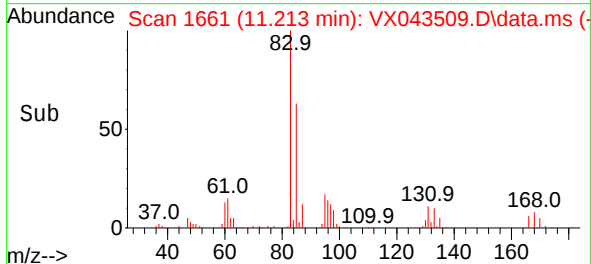
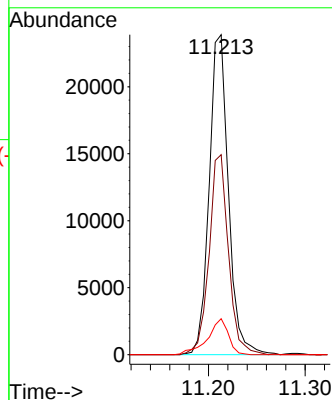
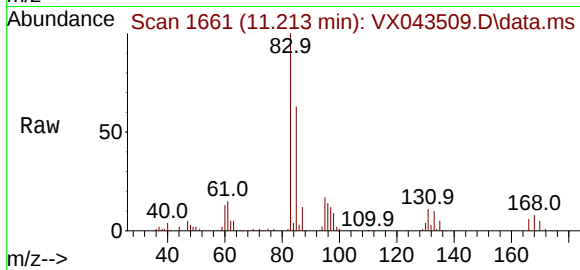
Tgt Ion: 83 Resp: 33070

Ion Ratio Lower Upper

83 100

85 62.5 44.7 82.9

131 11.3 8.2 12.4



#59

Bromoform

Concen: 9.085 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX043509.D

Acq: 25 Oct 2024 09:25

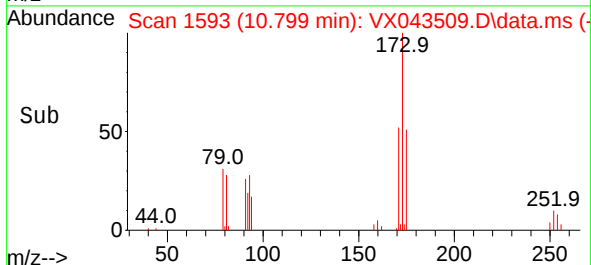
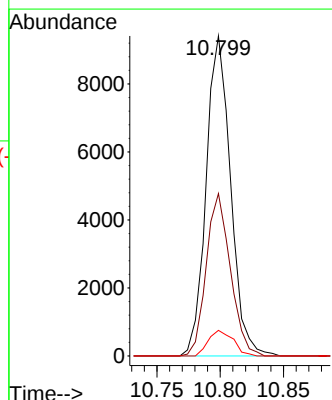
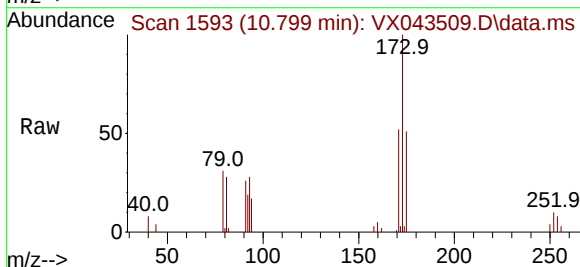
Tgt Ion:173 Resp: 12668

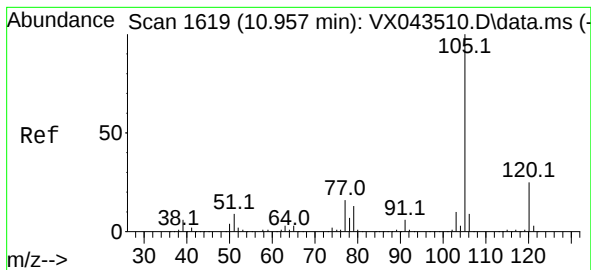
Ion Ratio Lower Upper

173 100

175 50.0 38.4 57.6

254 8.2 6.6 9.8





#60

Isopropylbenzene

Concen: 10.117 ug/L

RT: 10.963 min Scan# 1620

Delta R.T. 0.006 min

Lab File: VX043509.D

Acq: 25 Oct 2024 09:25

Instrument :

MSVOA_X

ClientSampleId :

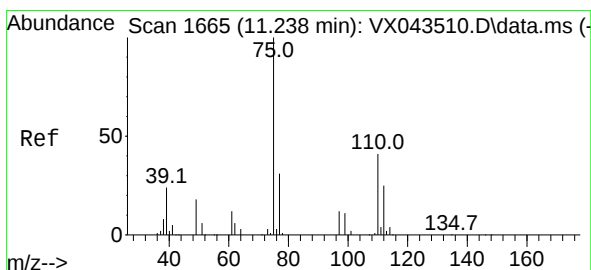
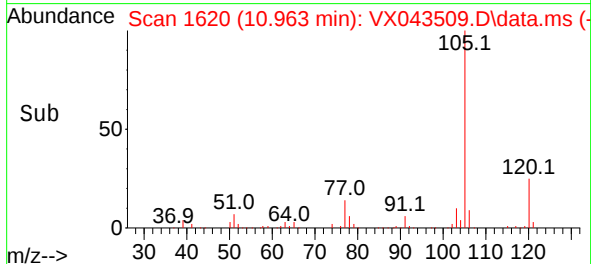
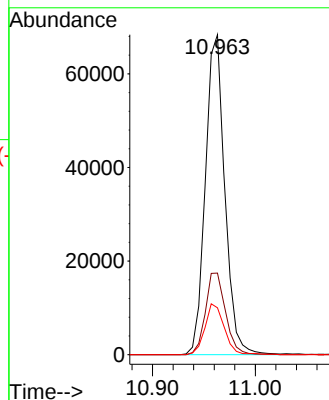
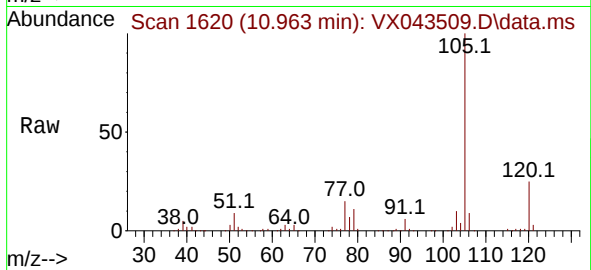
Tgt Ion:105 Resp: 89858

Ion Ratio Lower Upper

105 100

120 26.3 21.0 31.4

77 15.7 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 10.095 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX043509.D

Acq: 25 Oct 2024 09:25

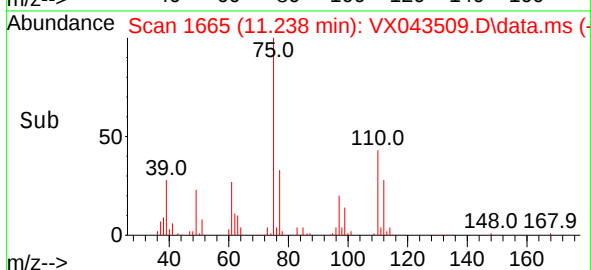
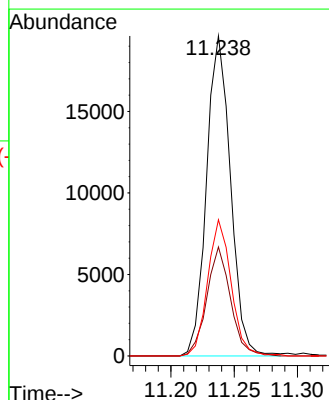
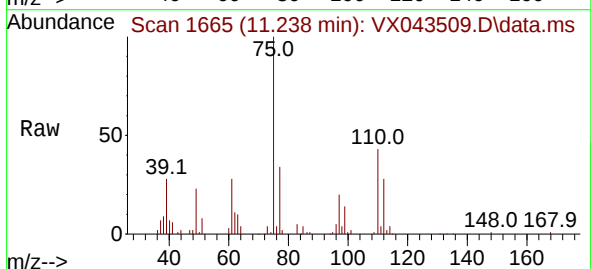
Tgt Ion: 75 Resp: 25932

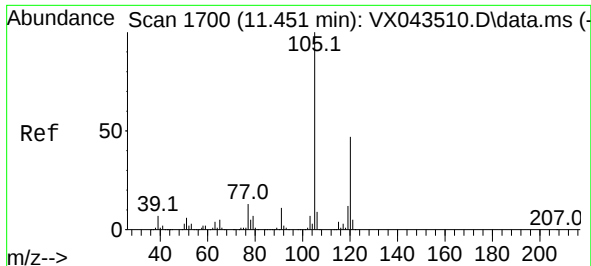
Ion Ratio Lower Upper

75 100

77 33.7 25.5 38.3

110 41.6 33.3 49.9





#62

1,3,5-Trimethylbenzene

Concen: 9.906 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX043509.D

Acq: 25 Oct 2024 09:25

Instrument :

MSVOA_X

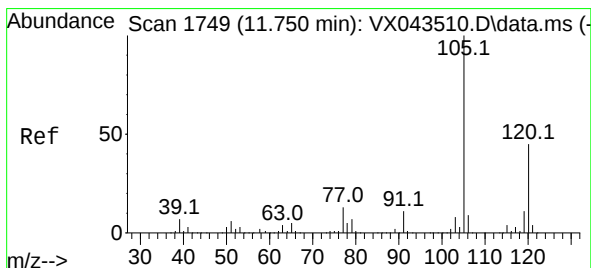
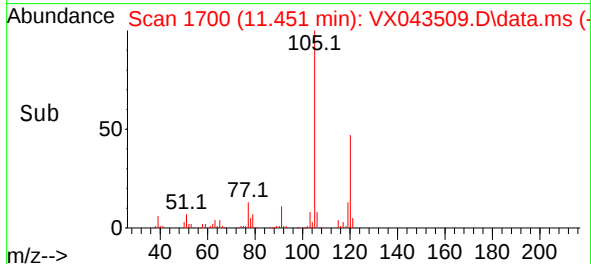
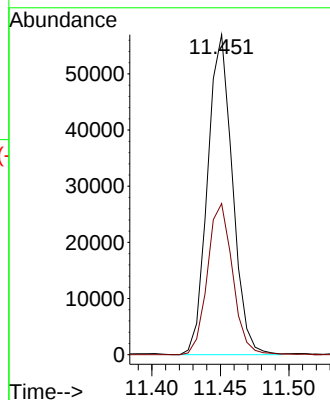
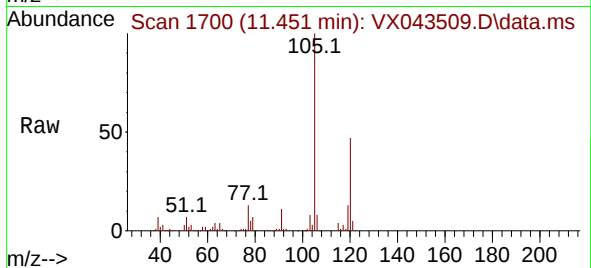
ClientSampleId :

Tgt Ion:105 Resp: 72172

Ion Ratio Lower Upper

105 100

120 47.7 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 9.920 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX043509.D

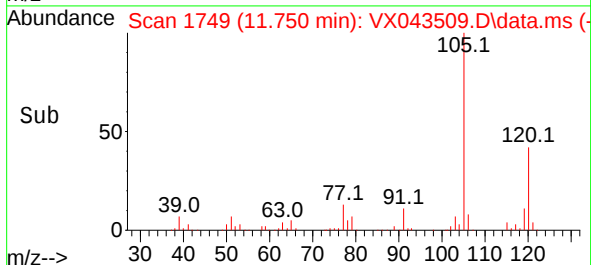
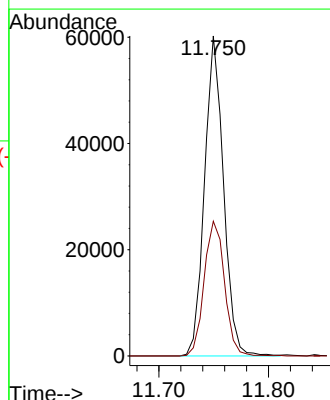
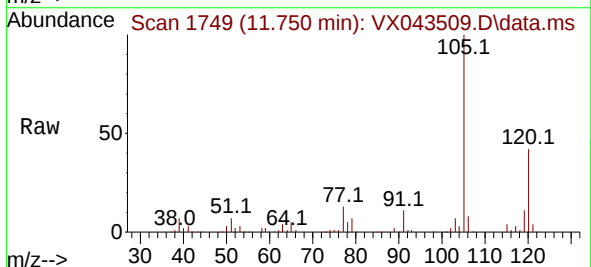
Acq: 25 Oct 2024 09:25

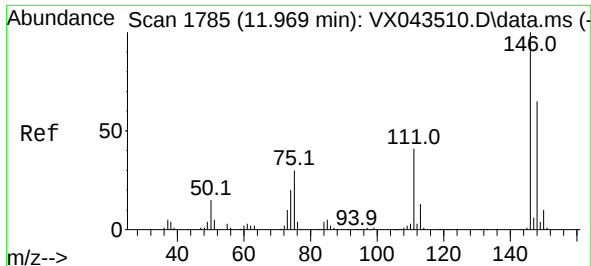
Tgt Ion:105 Resp: 72363

Ion Ratio Lower Upper

105 100

120 45.2 35.8 53.8





#64

1,3-Dichlorobenzene

Concen: 10.032 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

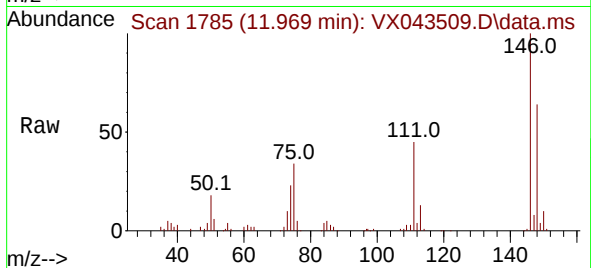
Lab File: VX043509.D

Acq: 25 Oct 2024 09:25

Instrument :

MSVOA_X

ClientSampleId :



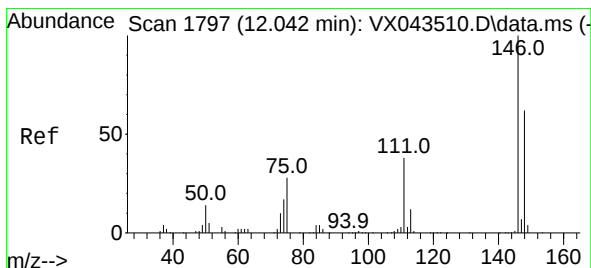
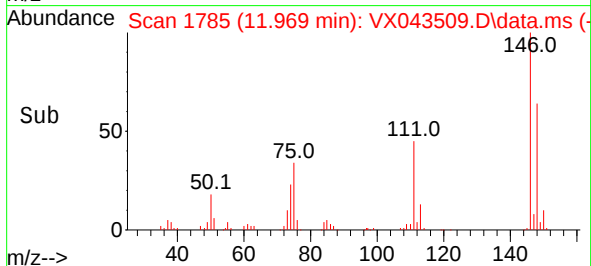
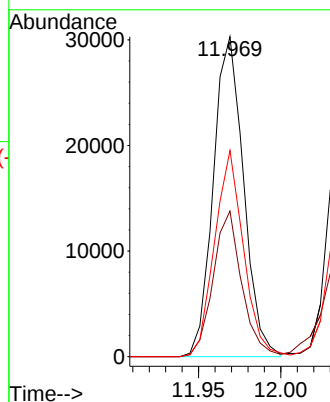
Tgt Ion:146 Resp: 38679

Ion Ratio Lower Upper

146 100

111 45.5 28.6 53.0

148 64.4 45.8 85.0



#65

1,4-Dichlorobenzene

Concen: 10.119 ug/L

RT: 12.036 min Scan# 1796

Delta R.T. -0.006 min

Lab File: VX043509.D

Acq: 25 Oct 2024 09:25

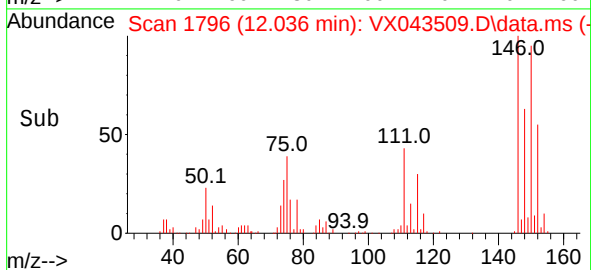
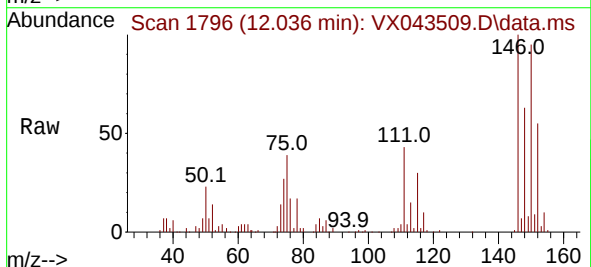
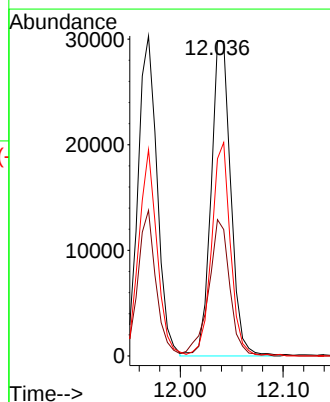
Tgt Ion:146 Resp: 39724

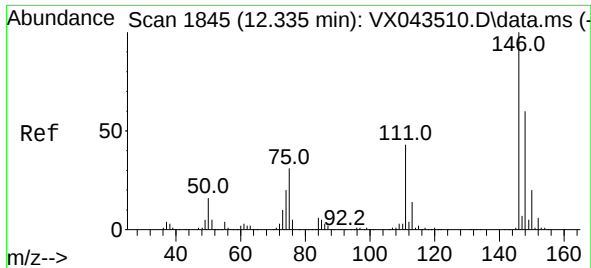
Ion Ratio Lower Upper

146 100

111 43.3 26.8 49.8

148 62.6 43.4 80.6

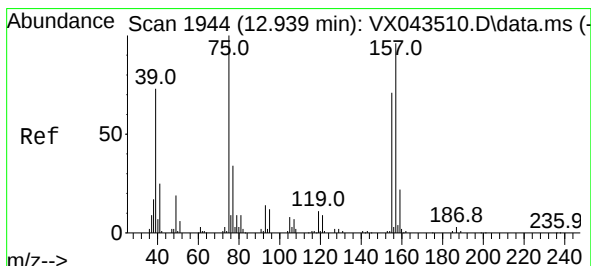
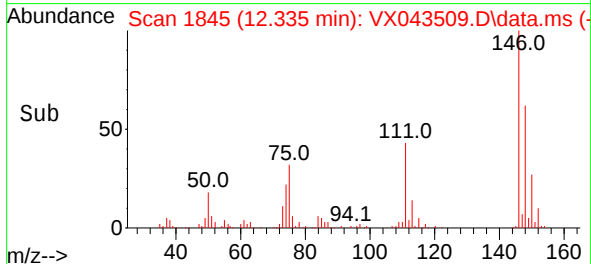
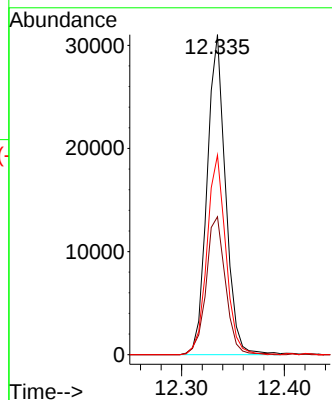
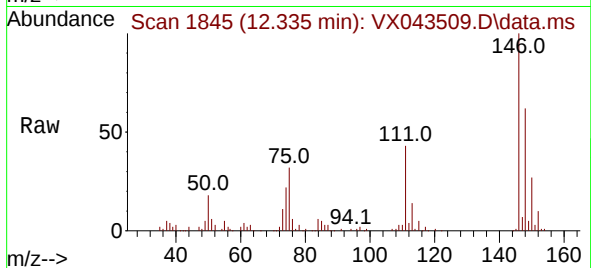




#67
1,2-Dichlorobenzene
Concen: 10.139 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX043509.D
Acq: 25 Oct 2024 09:25

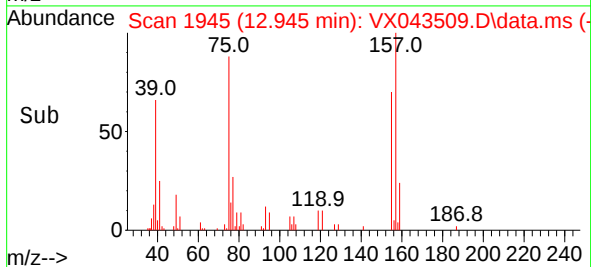
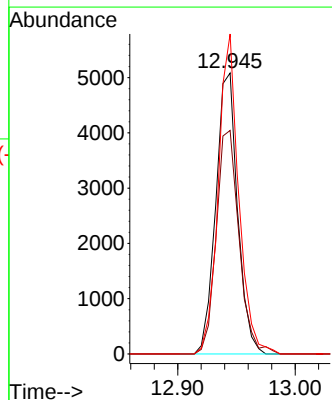
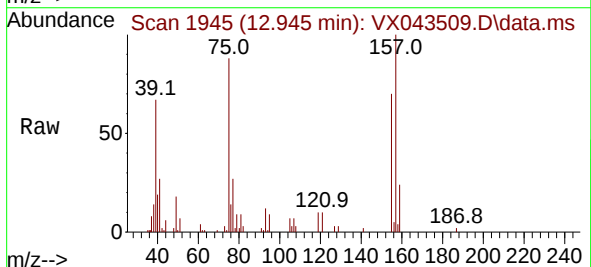
Instrument :
MSVOA_X
ClientSampleId :

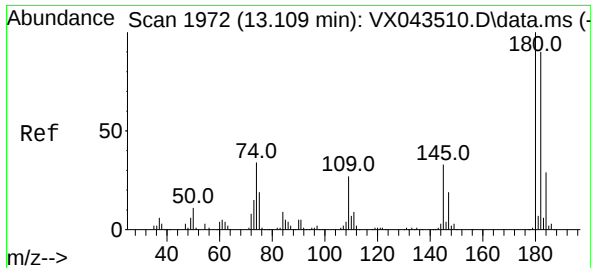
Tgt Ion:146 Resp: 38865
Ion Ratio Lower Upper
146 100
111 43.1 34.6 51.8
148 62.4 48.2 72.4



#68
1,2-Dibromo-3-chloropropane
Concen: 8.972 ug/L
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX043509.D
Acq: 25 Oct 2024 09:25

Tgt Ion: 75 Resp: 6535
Ion Ratio Lower Upper
75 100
155 79.6 56.9 85.3
157 113.9 76.8 115.2





#69

1,3,5-Trichlorobenzene

Concen: 9.854 ug/L

RT: 13.109 min Scan# 1972

Delta R.T. -0.000 min

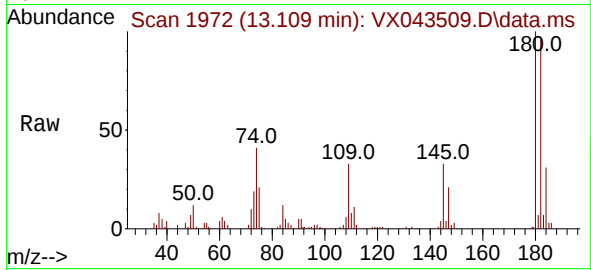
Lab File: VX043509.D

Acq: 25 Oct 2024 09:25

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 25526

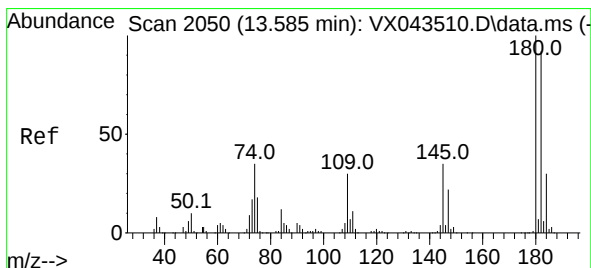
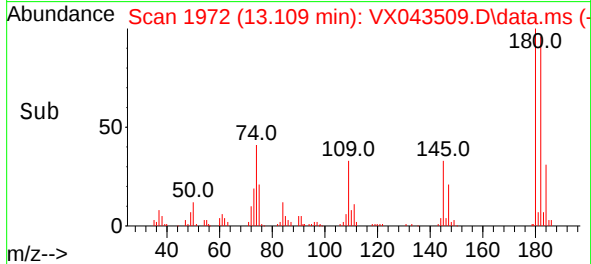
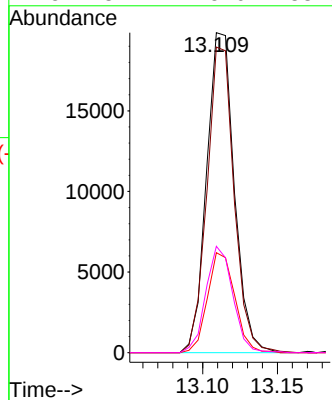
Ion Ratio Lower Upper

180 100

182 93.8 74.1 111.1

184 30.9 23.1 34.7

145 32.4 25.9 38.9



#70

1,2,4-trichlorobenzene

Concen: 9.718 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX043509.D

Acq: 25 Oct 2024 09:25

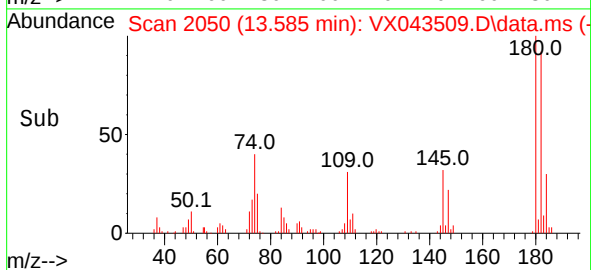
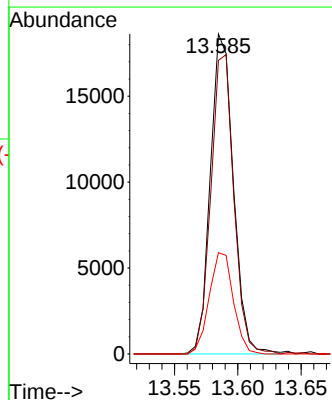
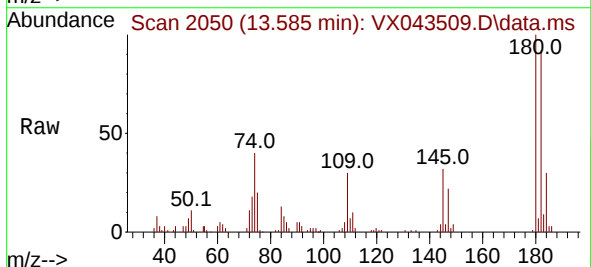
Tgt Ion:180 Resp: 23578

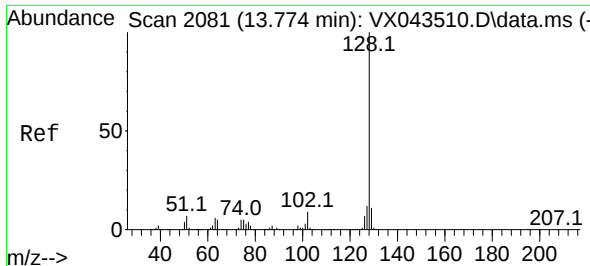
Ion Ratio Lower Upper

180 100

182 93.0 74.9 112.3

145 33.1 26.6 40.0

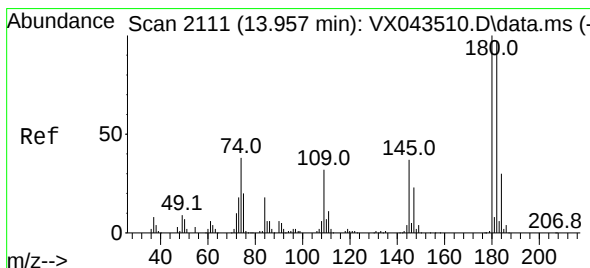
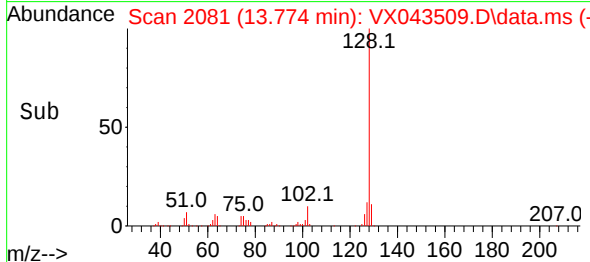
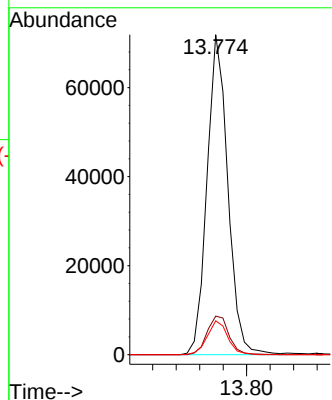
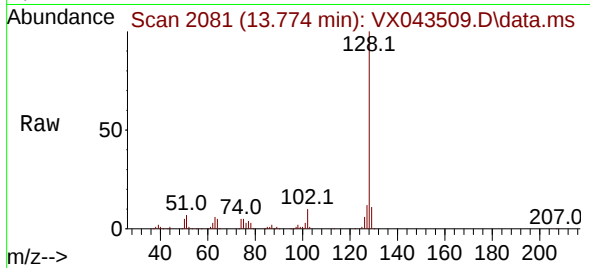




#71
Naphthalene
Concen: 9.664 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX043509.D
Acq: 25 Oct 2024 09:25

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 88526
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 10.4 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 9.955 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX043509.D
Acq: 25 Oct 2024 09:25

Tgt Ion:180 Resp: 24166
Ion Ratio Lower Upper
180 100
182 94.6 77.4 116.0
145 35.1 28.6 43.0

