

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102524\
 Data File : VX043514.D
 Acq On : 25 Oct 2024 11:20
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 26 00:11:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML102524WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 26 00:05:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	295805	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	265938	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	129933	50.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.367	65	74854	46.518	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.040%
7) Chloroethane-d5	1.666	69	62067	48.164	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.320%
11) 1,1-Dichloroethene-d2	2.306	65	36935	48.606	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.220%
21) 2-Butanone-d5	4.452	46	126220	94.167	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.170%
24) Chloroform-d	5.056	84	180429	48.481	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.960%
26) 1,2-Dichloroethane-d4	5.952	65	118428	47.359	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.720%
32) Benzene-d6	5.970	84	323604	47.936	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.880%
36) 1,2-Dichloropropane-d6	7.305	67	101712	48.401	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.800%
41) Toluene-d8	8.646	98	298654	48.322	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.640%
43) trans-1,3-Dichloroprop...	8.951	79	53335	48.242	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.480%
47) 2-Hexanone-d5	9.384	63	105184	100.919	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.920%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	152055	48.604	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	12.317	152	114560	48.576	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.160%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	106929	46.542	ug/L	99
3) Chloromethane	1.294	50	100405	47.515	ug/L	99
5) Vinyl chloride	1.373	62	99816	47.783	ug/L	100
6) Bromomethane	1.605	94	64683	52.459	ug/L	95
8) Chloroethane	1.684	64	60382	48.747	ug/L	99
9) Trichlorofluoromethane	1.885	101	148043	47.504	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.330	101	87077	46.659	ug/L	99
12) 1,1-Dichloroethene	2.318	96	80084	48.978	ug/L	97
13) Acetone	2.379	43	108425	88.847	ug/L	100
14) Carbon disulfide	2.513	76	196603	48.889	ug/L	100
15) Methyl Acetate	2.702	43	110468	48.628	ug/L	100
16) Methylene chloride	2.788	84	91285	48.199	ug/L	96
17) trans-1,2-Dichloroethene	3.093	96	85134	49.513	ug/L	99
18) Methyl tert-butyl Ether	3.111	73	314623	49.255	ug/L	99
19) 1,1-Dichloroethane	3.611	63	163687	48.287	ug/L	99
20) cis-1,2-Dichloroethene	4.483	96	101369	49.412	ug/L	99
22) 2-Butanone	4.556	43	158188	98.455	ug/L	98
23) Bromochloromethane	4.897	128	50994	47.447	ug/L	95
25) Chloroform	5.092	83	178572	48.654	ug/L	98

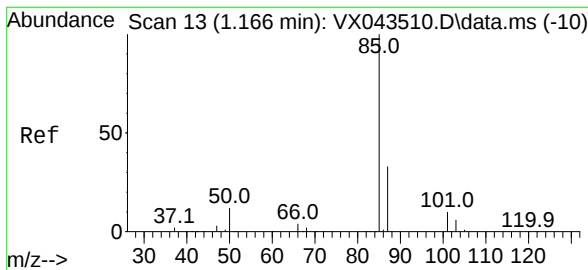
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102524\
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 Quant Title : VOC Analysis
 QLast Update : Sat Oct 26 00:05:57 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	146568	49.238	ug/L	96
29) Cyclohexane	5.470	56	144023	47.292	ug/L	100
30) 1,1,1-Trichloroethane	5.385	97	159144	48.517	ug/L	99
31) Carbon tetrachloride	5.677	117	136313	48.412	ug/L	98
33) Benzene	6.037	78	353591	48.734	ug/L	100
34) Trichloroethene	7.122	95	96435	48.392	ug/L	95
35) Methylcyclohexane	7.378	83	144560	47.144	ug/L	98
37) 1,2-Dichloropropane	7.427	63	93659	48.451	ug/L	99
38) Bromodichloromethane	7.817	83	129952	48.830	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	157281	49.221	ug/L	98
40) 4-Methyl-2-pentanone	8.573	43	303203	100.670	ug/L	100
42) Toluene	8.713	91	381010	49.609	ug/L	97
44) trans-1,3-Dichloropropene	8.976	75	151486	50.625	ug/L	97
45) 1,1,2-Trichloroethane	9.152	97	97107	48.791	ug/L	99
46) Tetrachloroethene	9.274	164	70132	49.100	ug/L	93
48) 2-Hexanone	9.427	43	230713	100.280	ug/L	100
49) Dibromochloromethane	9.518	129	99468	50.493	ug/L	99
50) 1,2-Dibromoethane	9.610	107	106264	49.974	ug/L	97
51) Chlorobenzene	10.079	112	251097	49.517	ug/L	99
52) Ethylbenzene	10.195	91	433504	50.313	ug/L	98
53) m,p-Xylene	10.299	106	162998	50.595	ug/L	98
54) o-Xylene	10.640	106	161474	50.045	ug/L	98
55) Styrene	10.652	104	282758	52.159	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	156077	49.696	ug/L	98
59) Bromoform	10.798	173	66325	47.326	ug/L	97
60) Isopropylbenzene	10.963	105	429266	48.085	ug/L	100
61) 1,2,3-Trichloropropane	11.237	75	124110	48.069	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	358868	49.005	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	361222	49.269	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	189717	48.959	ug/L	96
65) 1,4-Dichlorobenzene	12.042	146	190487	48.279	ug/L	96
67) 1,2-Dichlorobenzene	12.335	146	190145	49.353	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.944	75	35083	47.922	ug/L #	82
69) 1,3,5-Trichlorobenzene	13.109	180	128559	49.378	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	119330	48.934	ug/L	97
71) Naphthalene	13.774	128	461918	50.170	ug/L	100
72) 1,2,3-Trichlorobenzene	13.956	180	122050	50.022	ug/L	98

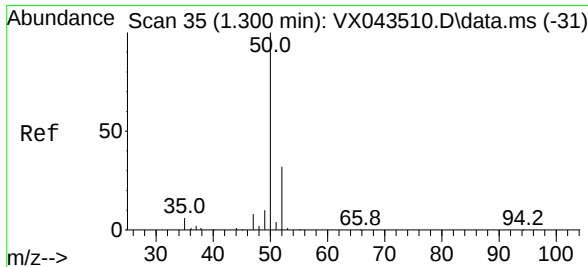
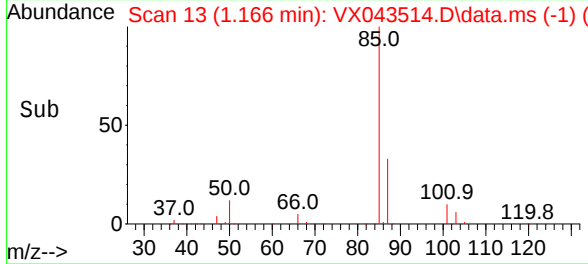
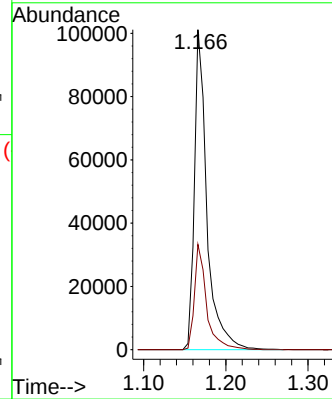
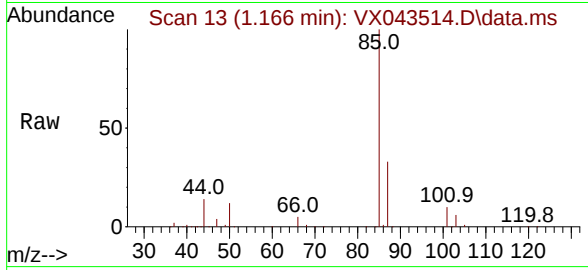
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#2
 Dichlorodifluoromethane
 Concen: 46.542 ug/L
 RT: 1.166 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: VX043514.D
 Acq: 25 Oct 2024 11:20

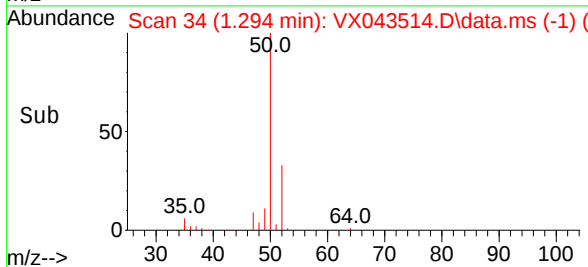
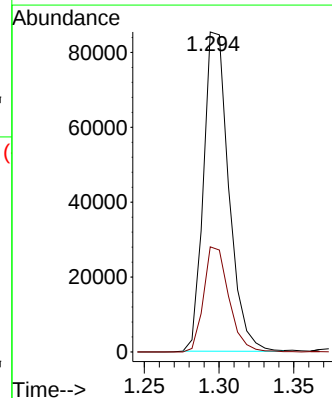
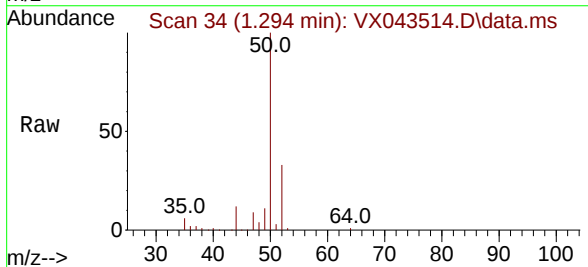
Instrument :
 MSVOA_X
 ClientSampleId :

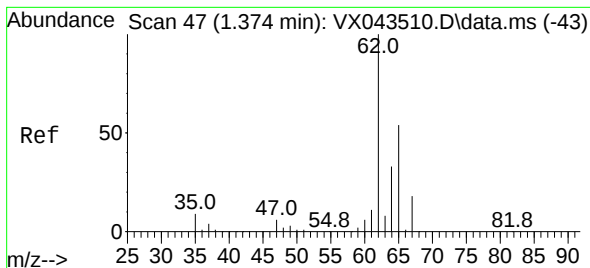
Tgt Ion: 85 Resp: 106929
 Ion Ratio Lower Upper
 85 100
 87 31.9 26.0 39.0



#3
 Chloromethane
 Concen: 47.515 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. -0.006 min
 Lab File: VX043514.D
 Acq: 25 Oct 2024 11:20

Tgt Ion: 50 Resp: 100405
 Ion Ratio Lower Upper
 50 100
 52 32.8 22.6 42.0





#5

Vinyl chloride

Concen: 47.783 ug/L

RT: 1.373 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX043514.D

Acq: 25 Oct 2024 11:20

Instrument :

MSVOA_X

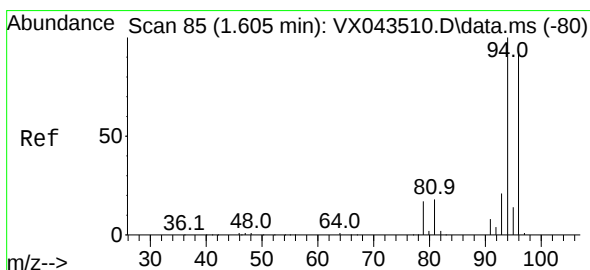
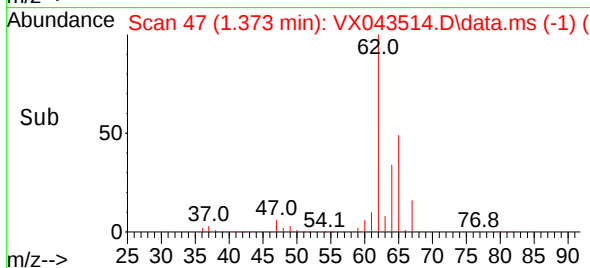
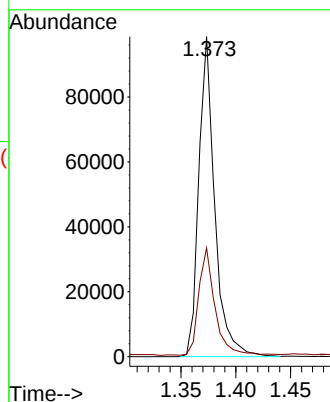
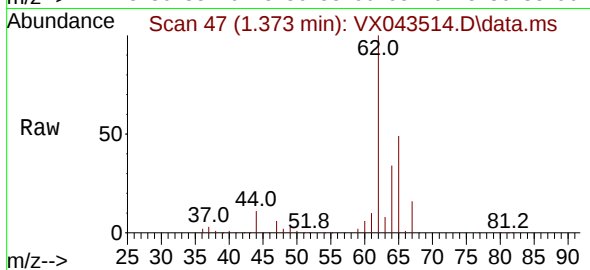
ClientSampleId :

Tgt Ion: 62 Resp: 99816

Ion Ratio Lower Upper

62 100

64 33.9 23.9 44.5



#6

Bromomethane

Concen: 52.459 ug/L

RT: 1.605 min Scan# 85

Delta R.T. -0.000 min

Lab File: VX043514.D

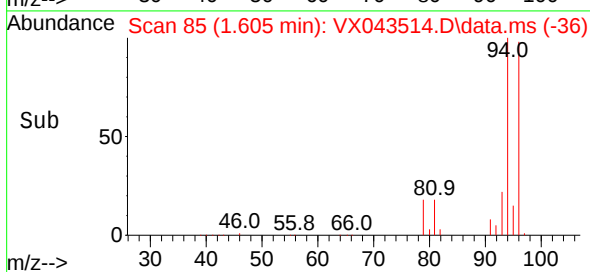
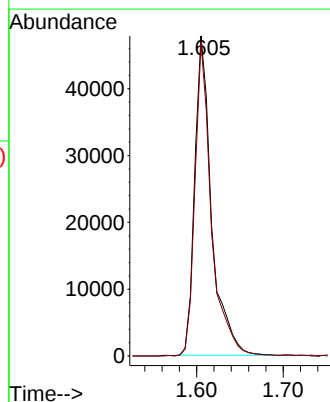
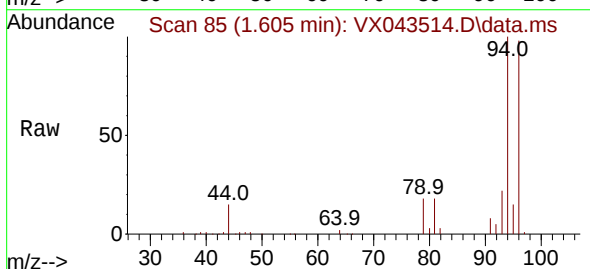
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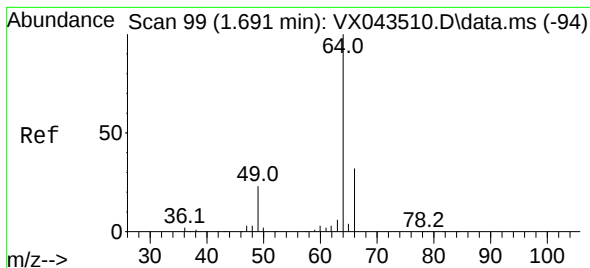
Tgt Ion: 94 Resp: 64683

Ion Ratio Lower Upper

94 100

96 97.9 65.2 121.2





#8

Chloroethane

Concen: 48.747 ug/L

RT: 1.684 min Scan# 99

Delta R.T. -0.006 min

Lab File: VX043514.D

Acq: 25 Oct 2024 11:20

Instrument :

MSVOA_X

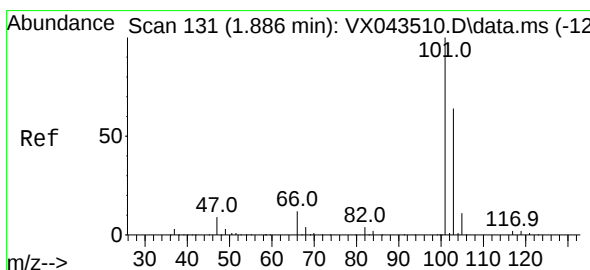
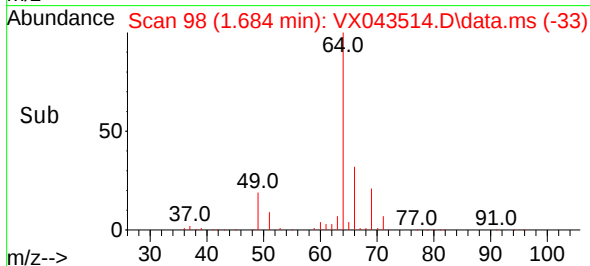
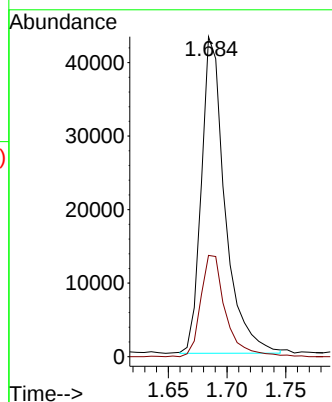
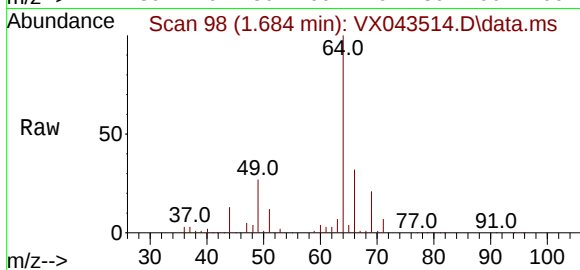
ClientSampleId :

Tgt Ion: 64 Resp: 60382

Ion Ratio Lower Upper

64 100

66 31.6 22.5 41.7



#9

Trichlorofluoromethane

Concen: 47.504 ug/L

RT: 1.885 min Scan# 131

Delta R.T. -0.000 min

Lab File: VX043514.D

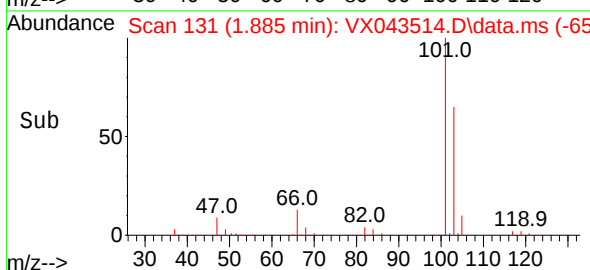
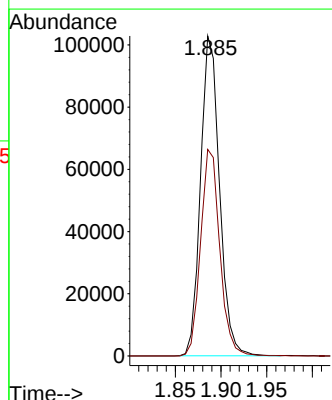
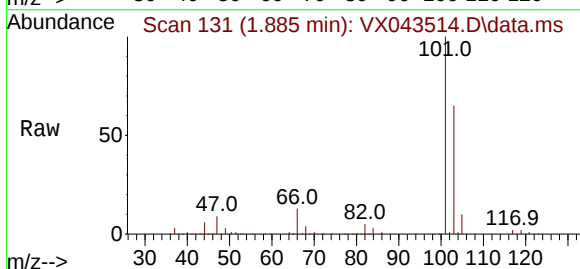
Acq: 25 Oct 2024 11:20

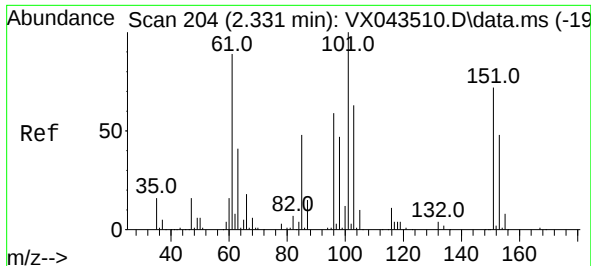
Tgt Ion:101 Resp: 148043

Ion Ratio Lower Upper

101 100

103 65.3 51.7 77.5

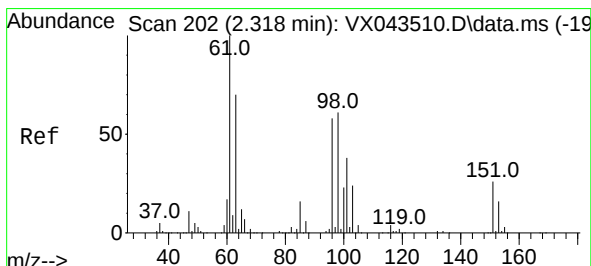
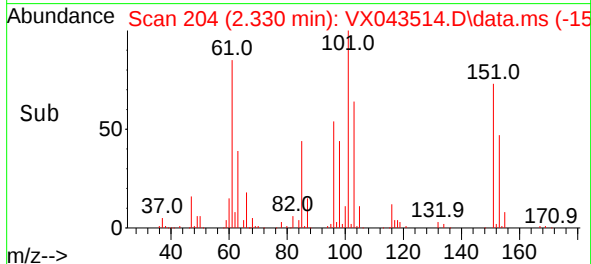
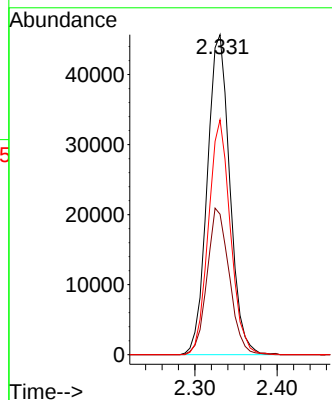
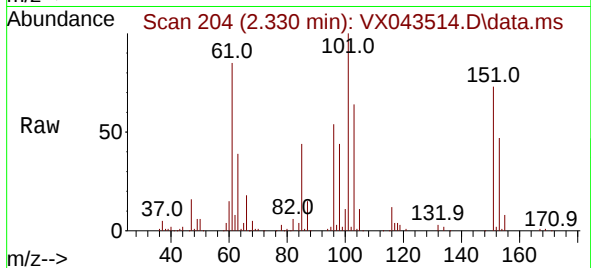




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 46.659 ug/L
RT: 2.330 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX043514.D
Acq: 25 Oct 2024 11:20

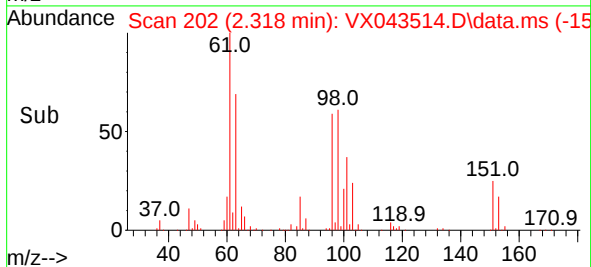
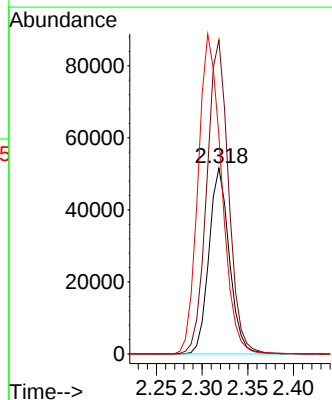
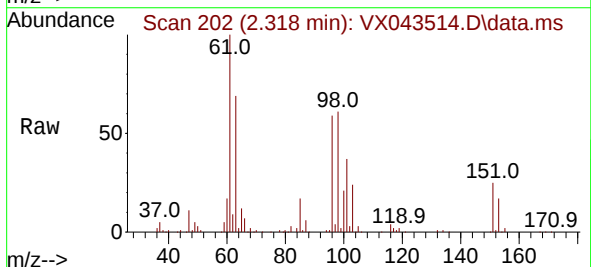
Instrument :
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ClientSampleId :

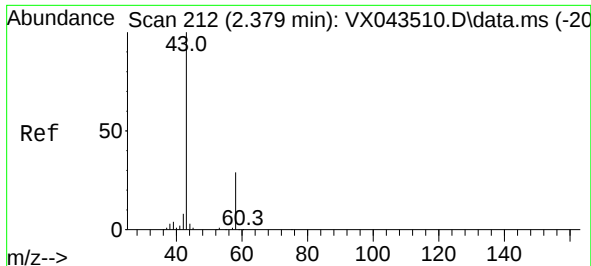
Tgt Ion:101 Resp: 87077
Ion Ratio Lower Upper
101 100
85 45.1 35.6 53.4
151 71.5 57.7 86.5



#12
1,1-Dichloroethene
Concen: 48.978 ug/L
RT: 2.318 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX043514.D
Acq: 25 Oct 2024 11:20

Tgt Ion: 96 Resp: 80084
Ion Ratio Lower Upper
96 100
61 168.9 119.8 222.6
63 117.3 85.0 158.0





#13

Acetone

Concen: 88.847 ug/L

RT: 2.379 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX043514.D

Acq: 25 Oct 2024 11:20

Instrument :

MSVOA_X

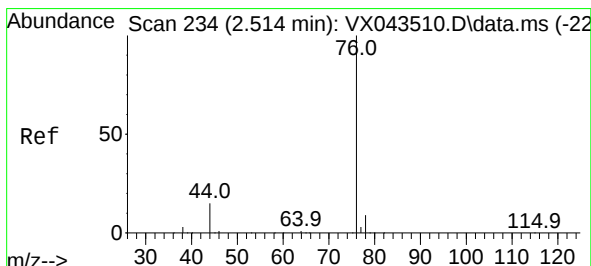
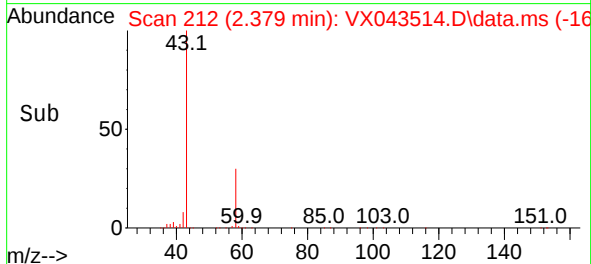
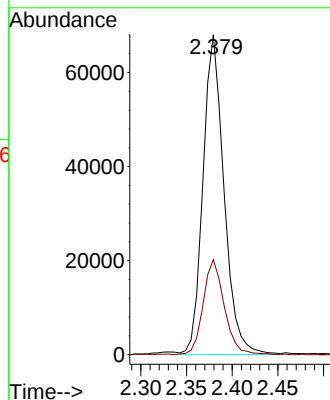
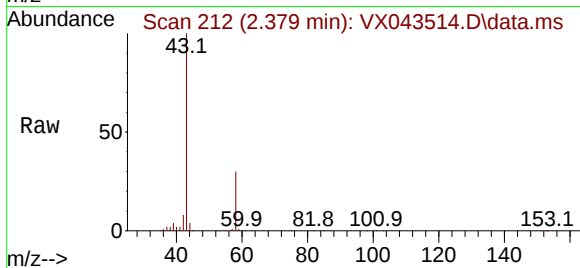
ClientSampleId :

Tgt Ion: 43 Resp: 108425

Ion Ratio Lower Upper

43 100

58 29.7 0.0 59.2



#14

Carbon disulfide

Concen: 48.889 ug/L

RT: 2.513 min Scan# 234

Delta R.T. -0.000 min

Lab File: VX043514.D

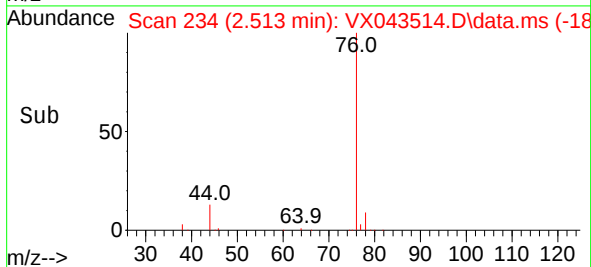
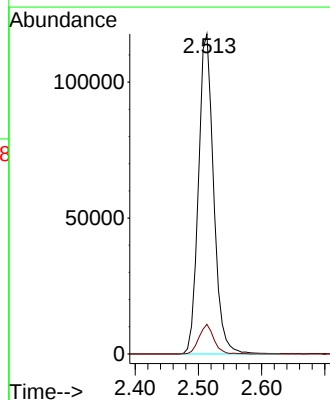
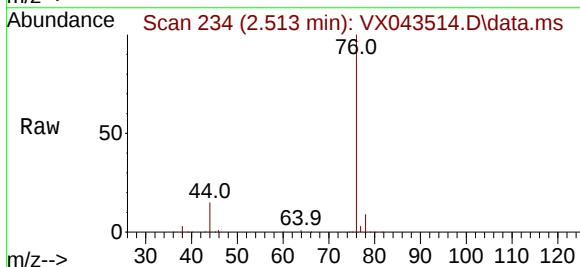
Acq: 25 Oct 2024 11:20

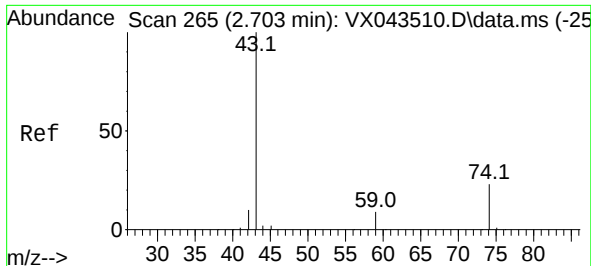
Tgt Ion: 76 Resp: 196603

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3





#15

Methyl Acetate

Concen: 48.628 ug/L

RT: 2.702 min Scan# 2

Delta R.T. -0.000 min

Lab File: VX043514.D

Acq: 25 Oct 2024 11:20

Instrument :

MSVOA_X

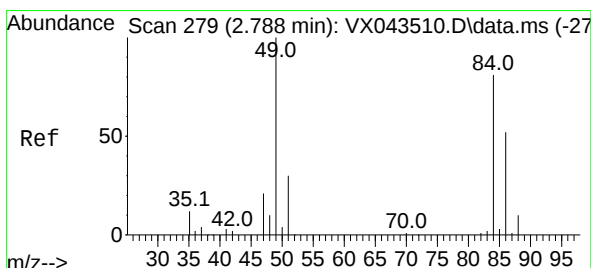
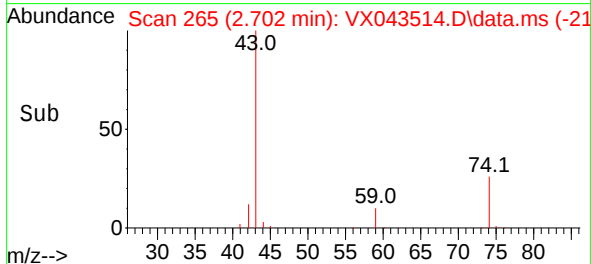
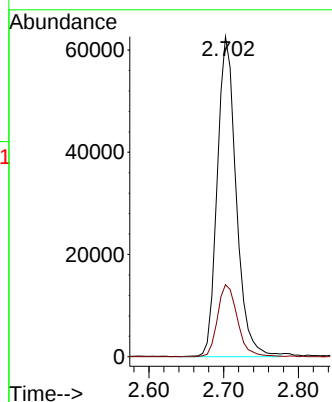
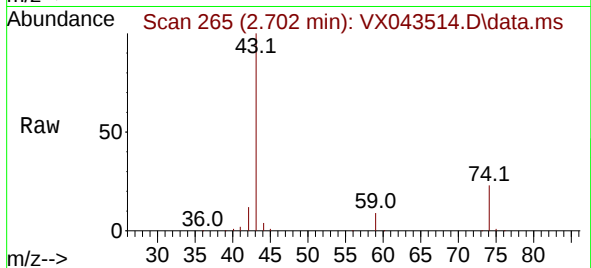
ClientSampleId :

Tgt Ion: 43 Resp: 110468

Ion Ratio Lower Upper

43 100

74 23.6 18.7 28.1



#16

Methylene chloride

Concen: 48.199 ug/L

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX043514.D

Acq: 25 Oct 2024 11:20

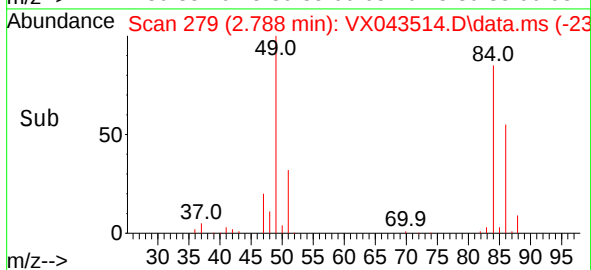
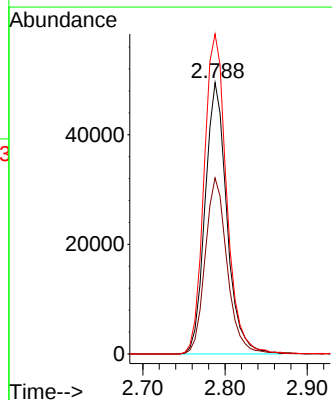
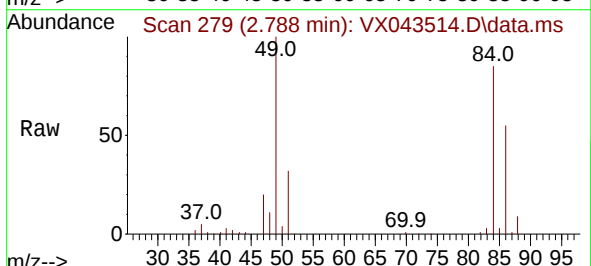
Tgt Ion: 84 Resp: 91285

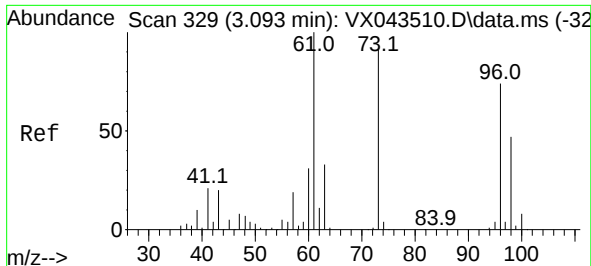
Ion Ratio Lower Upper

84 100

86 64.9 44.7 82.9

49 117.9 86.2 160.2





#17

trans-1,2-Dichloroethene

Concen: 49.513 ug/L

RT: 3.093 min Scan# 329

Delta R.T. -0.000 min

Lab File: VX043514.D

Acq: 25 Oct 2024 11:20

Instrument :

MSVOA_X

ClientSampleId :

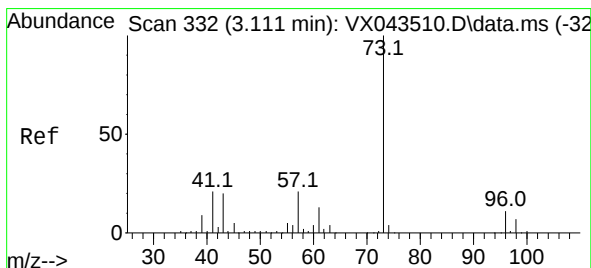
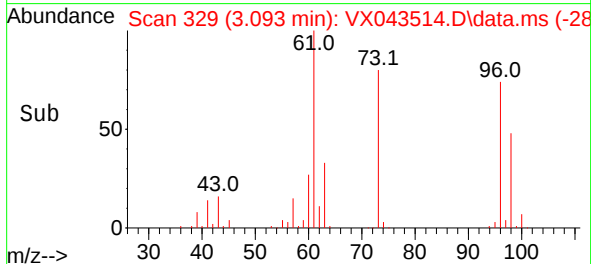
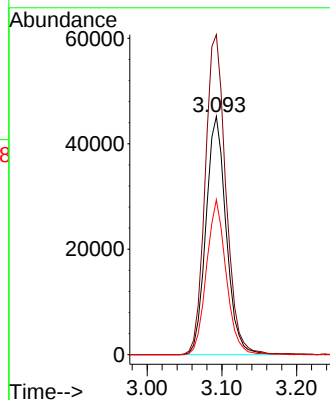
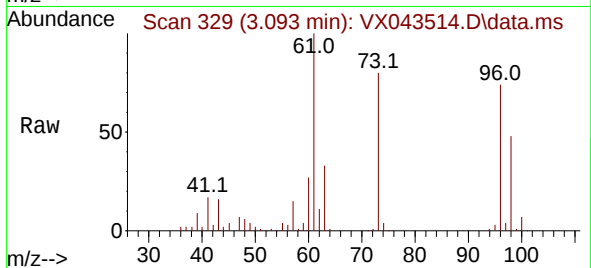
Tgt Ion: 96 Resp: 85134

Ion Ratio Lower Upper

96 100

61 134.4 94.3 175.1

98 65.0 44.3 82.3



#18

Methyl tert-butyl Ether

Concen: 49.255 ug/L

RT: 3.111 min Scan# 332

Delta R.T. -0.000 min

Lab File: VX043514.D

Acq: 25 Oct 2024 11:20

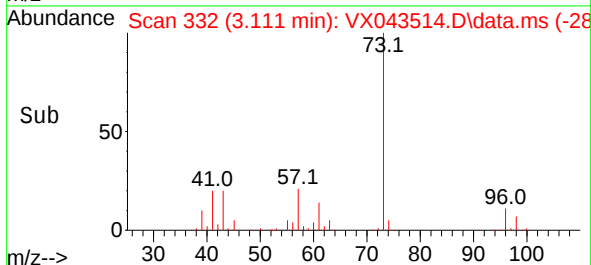
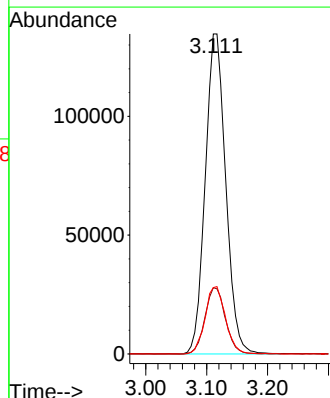
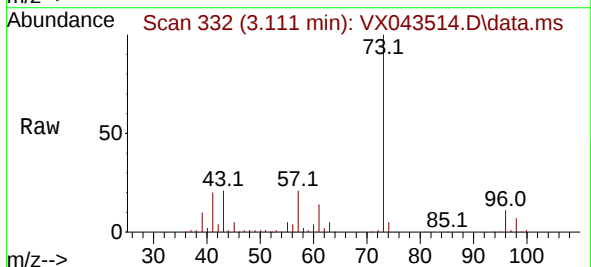
Tgt Ion: 73 Resp: 314623

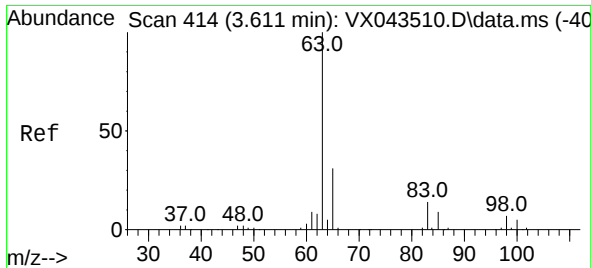
Ion Ratio Lower Upper

73 100

43 20.7 16.7 25.1

57 20.9 17.0 25.6





#19

1,1-Dichloroethane

Concen: 48.287 ug/L

RT: 3.611 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX043514.D

Acq: 25 Oct 2024 11:20

Instrument :

MSVOA_X

ClientSampleId :

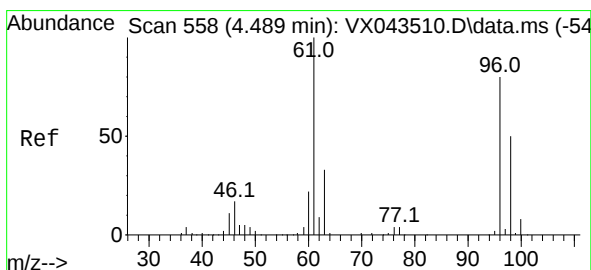
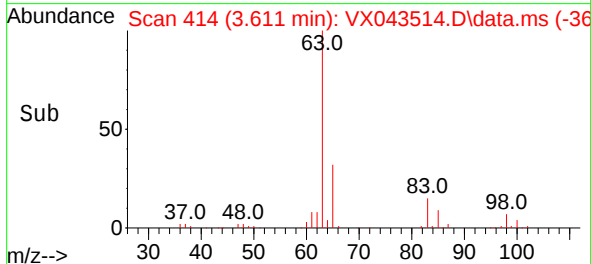
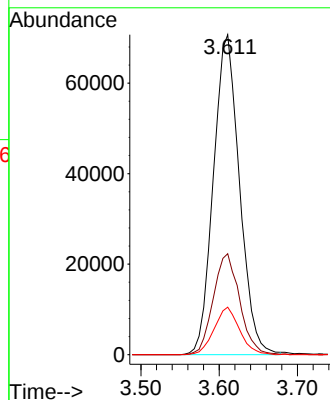
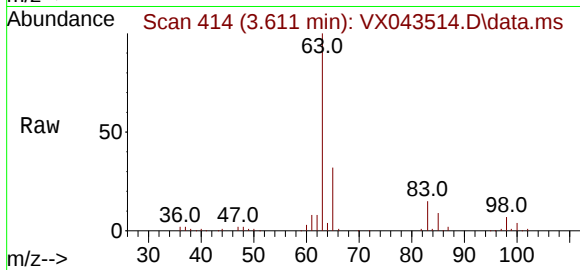
Tgt Ion: 63 Resp: 163687

Ion Ratio Lower Upper

63 100

65 31.5 21.8 40.6

83 14.9 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 49.412 ug/L

RT: 4.483 min Scan# 557

Delta R.T. -0.006 min

Lab File: VX043514.D

Acq: 25 Oct 2024 11:20

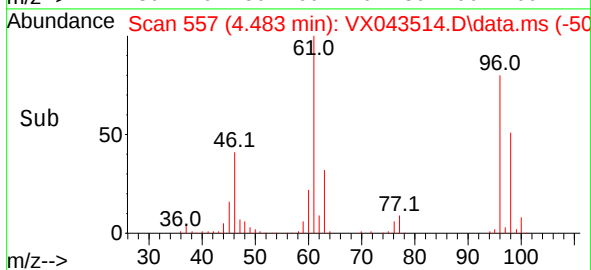
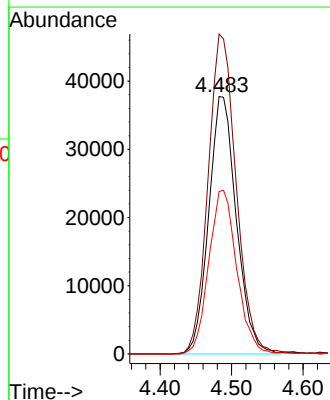
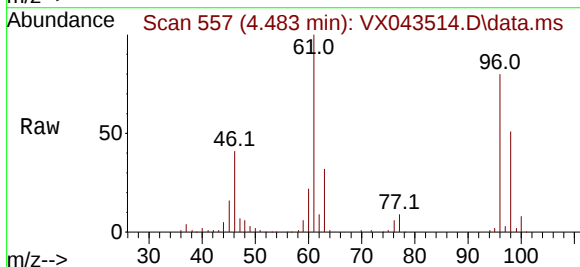
Tgt Ion: 96 Resp: 101369

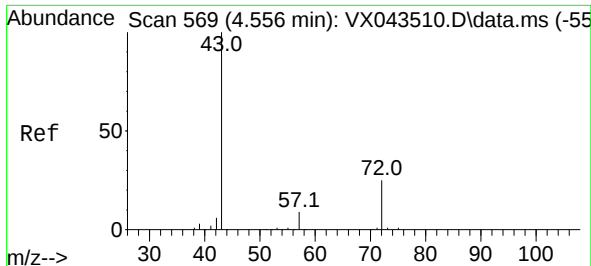
Ion Ratio Lower Upper

96 100

61 124.3 87.9 163.3

98 63.2 44.0 81.6





#22

2-Butanone

Concen: 98.455 ug/L

RT: 4.556 min Scan# 5

Delta R.T. -0.000 min

Lab File: VX043514.D

Acq: 25 Oct 2024 11:20

Instrument :

MSVOA_X

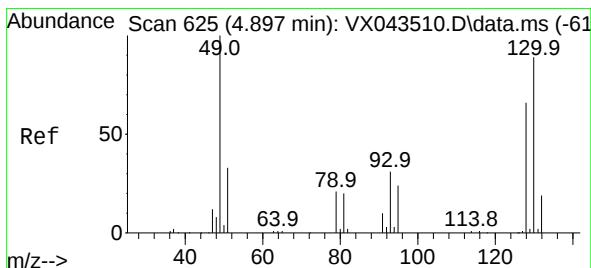
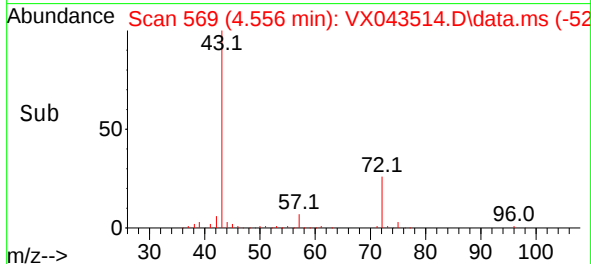
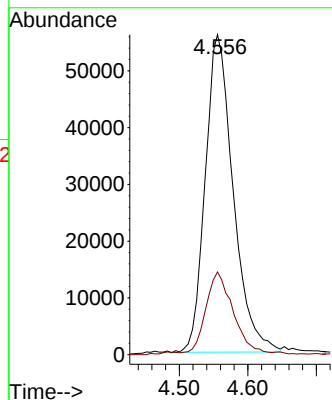
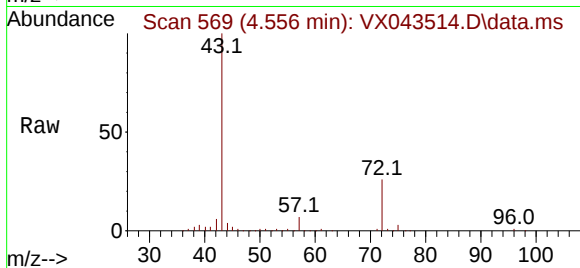
ClientSampleId :

Tgt Ion: 43 Resp: 158188

Ion Ratio Lower Upper

43 100

72 25.8 13.4 40.1



#23

Bromochloromethane

Concen: 47.447 ug/L

RT: 4.897 min Scan# 625

Delta R.T. -0.000 min

Lab File: VX043514.D

Acq: 25 Oct 2024 11:20

Tgt Ion:128 Resp: 50994

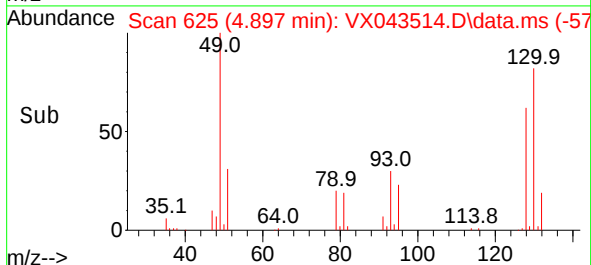
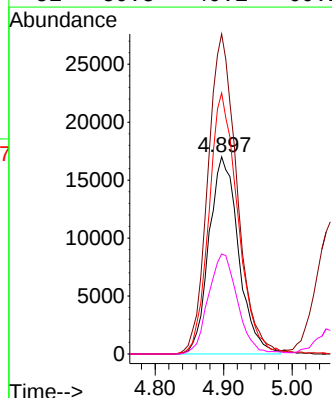
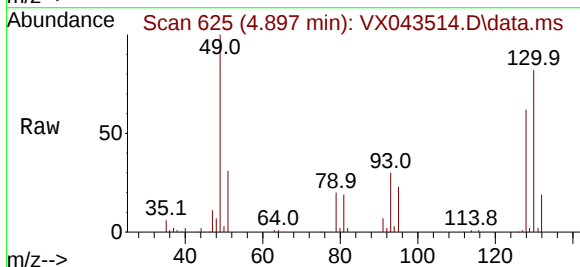
Ion Ratio Lower Upper

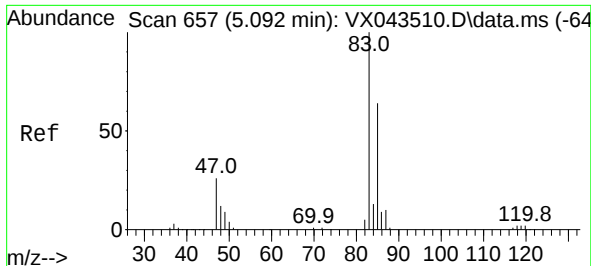
128 100

49 162.4 105.9 196.7

130 132.4 94.0 174.6

51 50.8 40.1 60.1





#25

Chloroform

Concen: 48.654 ug/L

RT: 5.092 min Scan# 60

Delta R.T. -0.000 min

Lab File: VX043514.D

Acq: 25 Oct 2024 11:20

Instrument :

MSVOA_X

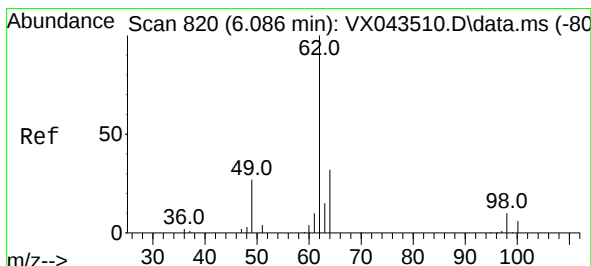
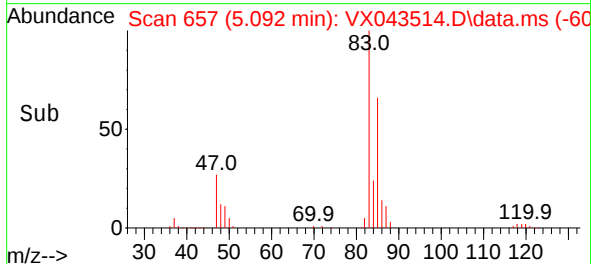
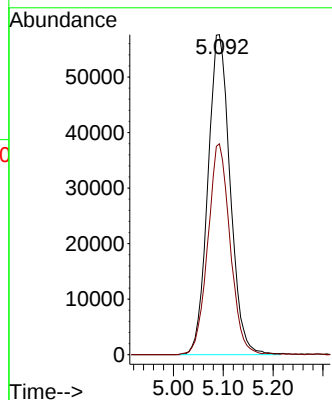
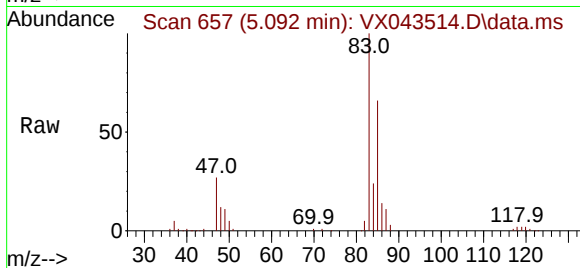
ClientSampleId :

Tgt Ion: 83 Resp: 178572

Ion Ratio Lower Upper

83 100

85 65.9 44.8 83.2



#27

1,2-Dichloroethane

Concen: 49.238 ug/L

RT: 6.086 min Scan# 820

Delta R.T. -0.000 min

Lab File: VX043514.D

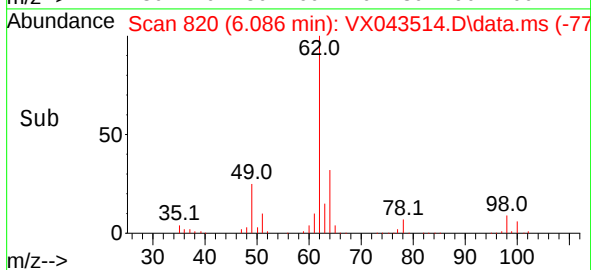
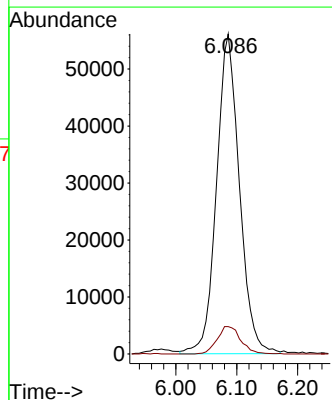
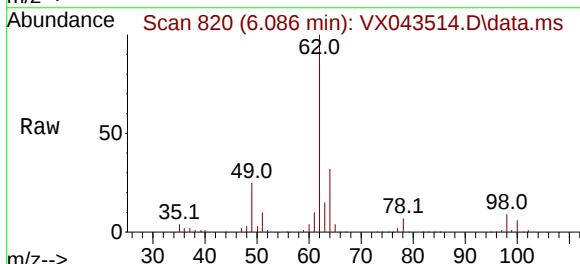
Acq: 25 Oct 2024 11:20

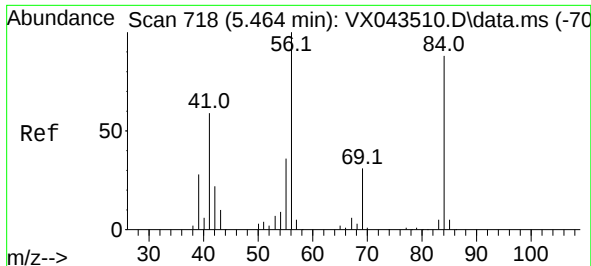
Tgt Ion: 62 Resp: 146568

Ion Ratio Lower Upper

62 100

98 8.6 8.0 12.0





#29

Cyclohexane

Concen: 47.292 ug/L

RT: 5.470 min Scan# 718

Delta R.T. 0.006 min

Lab File: VX043514.D

Acq: 25 Oct 2024 11:20

Instrument :

MSVOA_X

ClientSampleId :

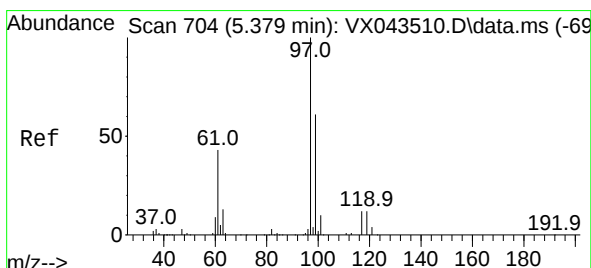
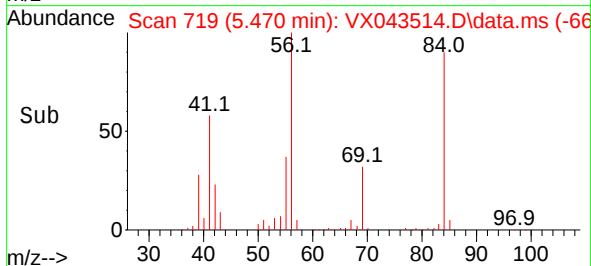
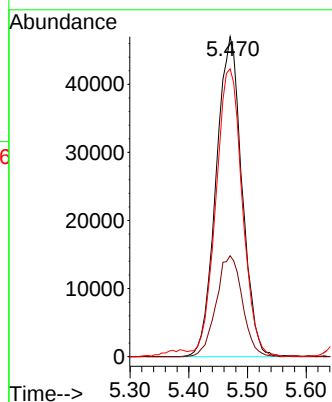
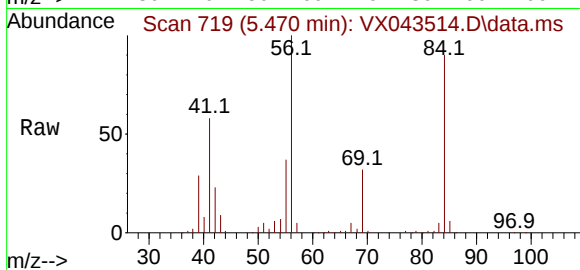
Tgt Ion: 56 Resp: 144023

Ion Ratio Lower Upper

56 100

69 31.9 25.3 37.9

84 91.5 72.9 109.3



#30

1,1,1-Trichloroethane

Concen: 48.517 ug/L

RT: 5.385 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX043514.D

Acq: 25 Oct 2024 11:20

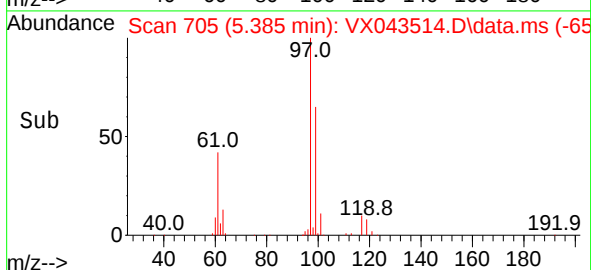
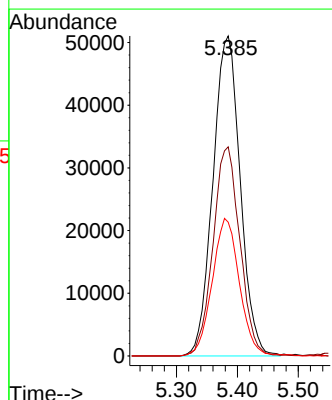
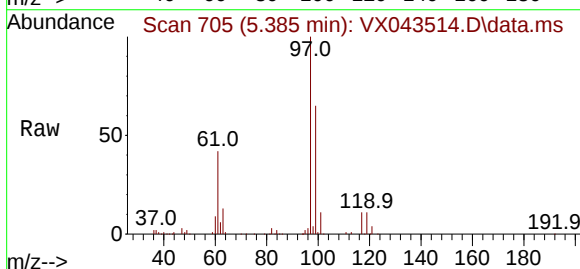
Tgt Ion: 97 Resp: 159144

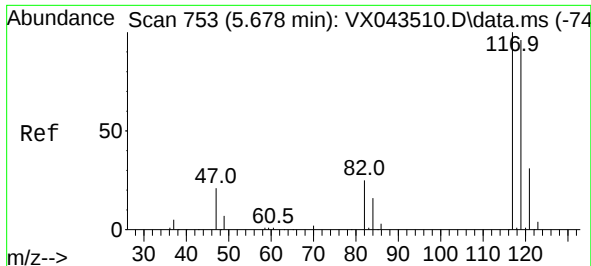
Ion Ratio Lower Upper

97 100

99 64.1 51.0 76.4

61 42.8 34.6 52.0

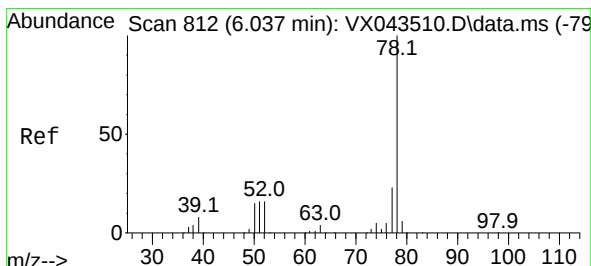
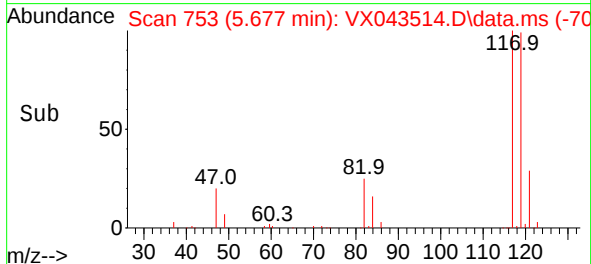
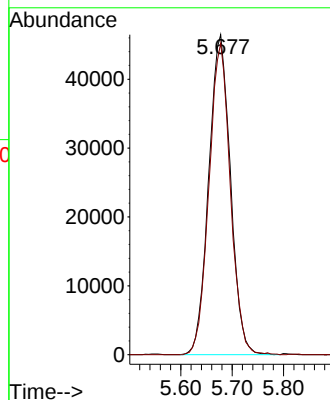
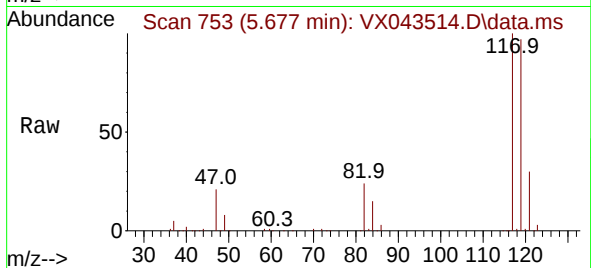




#31
Carbon tetrachloride
Concen: 48.412 ug/L
RT: 5.677 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX043514.D
Acq: 25 Oct 2024 11:20

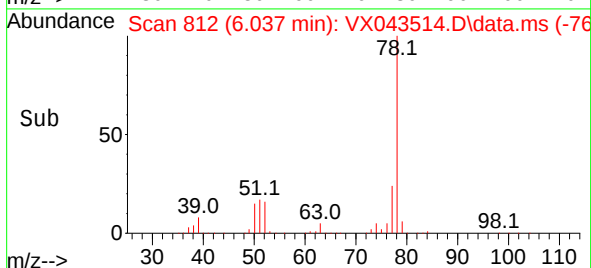
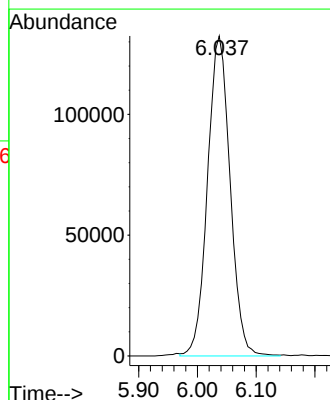
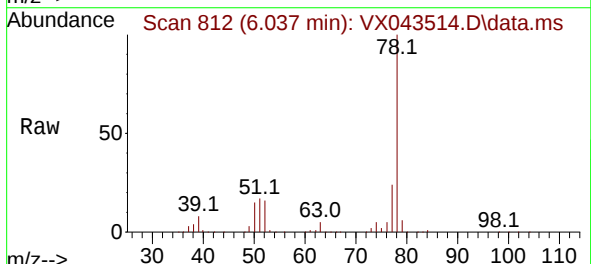
Instrument :
MSVOA_X
ClientSampleId :

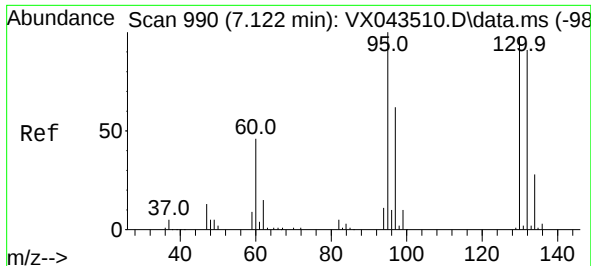
Tgt Ion:117 Resp: 136313
Ion Ratio Lower Upper
117 100
119 95.6 78.0 117.0



#33
Benzene
Concen: 48.734 ug/L
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX043514.D
Acq: 25 Oct 2024 11:20

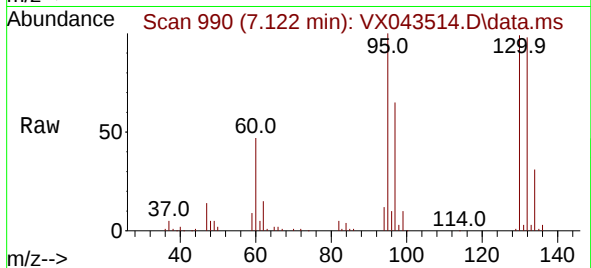
Tgt Ion: 78 Resp: 353591





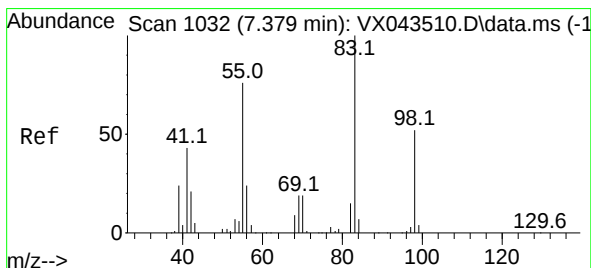
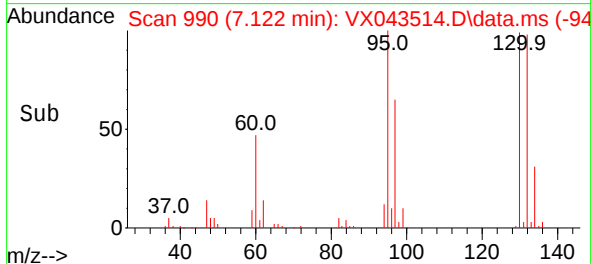
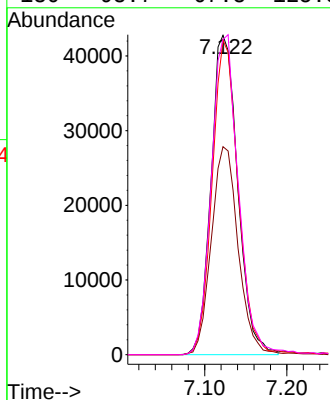
#34
Trichloroethene
Concen: 48.392 ug/L
RT: 7.122 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX043514.D
Acq: 25 Oct 2024 11:20

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 95 Resp: 96435

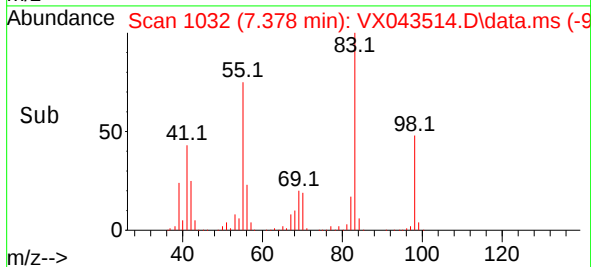
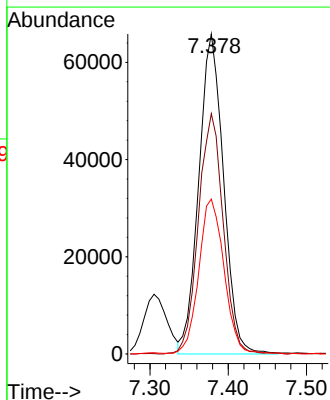
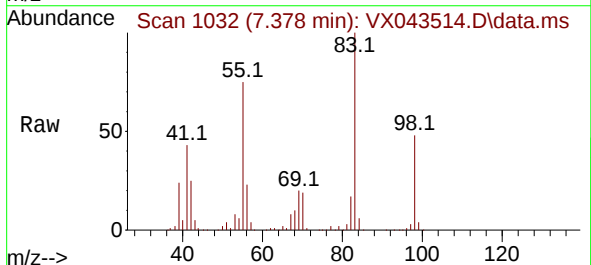
Ion	Ratio	Lower	Upper
95	100		
97	65.1	43.3	80.5
132	98.5	63.7	118.3
130	98.7	67.8	125.8

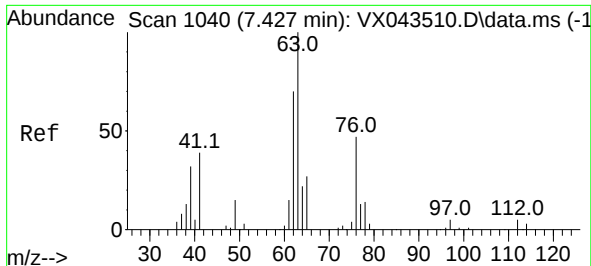


#35
Methylcyclohexane
Concen: 47.144 ug/L
RT: 7.378 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX043514.D
Acq: 25 Oct 2024 11:20

Tgt Ion: 83 Resp: 144560

Ion	Ratio	Lower	Upper
83	100		
55	75.1	60.6	91.0
98	49.5	41.0	61.6





#37

1,2-Dichloropropane

Concen: 48.451 ug/L

RT: 7.427 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VX043514.D

Acq: 25 Oct 2024 11:20

Instrument :

MSVOA_X

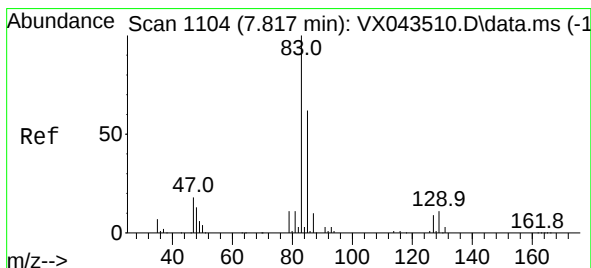
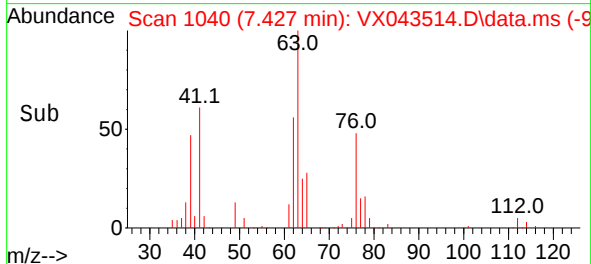
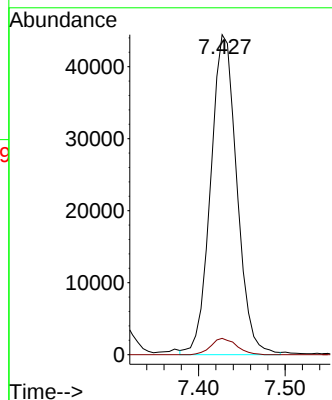
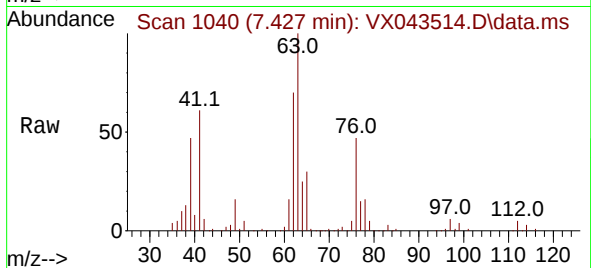
ClientSampleId :

Tgt Ion: 63 Resp: 93659

Ion Ratio Lower Upper

63 100

112 5.0 3.7 5.5



#38

Bromodichloromethane

Concen: 48.830 ug/L

RT: 7.817 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VX043514.D

Acq: 25 Oct 2024 11:20

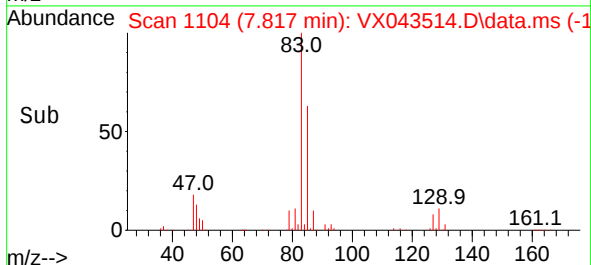
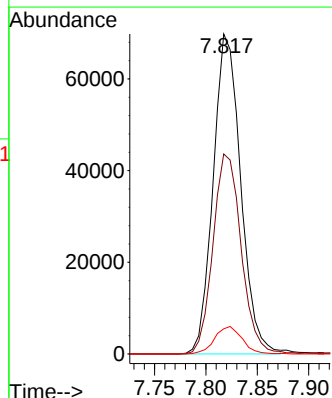
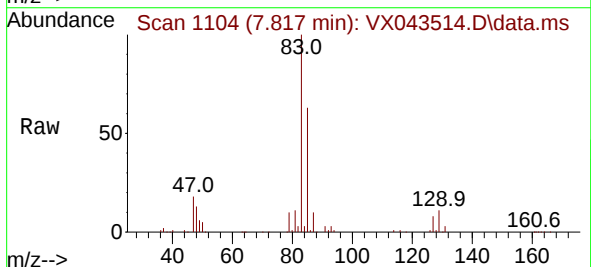
Tgt Ion: 83 Resp: 129952

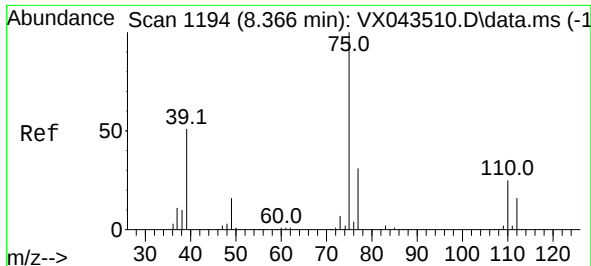
Ion Ratio Lower Upper

83 100

85 62.5 43.5 80.9

127 7.9 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 49.221 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX043514.D

Acq: 25 Oct 2024 11:20

Instrument :

MSVOA_X

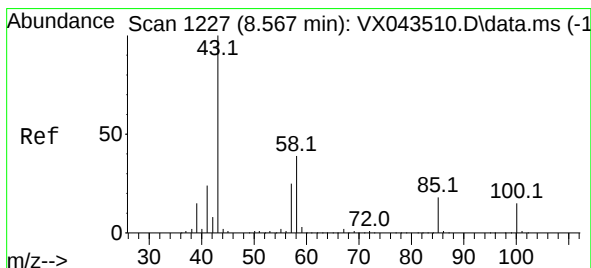
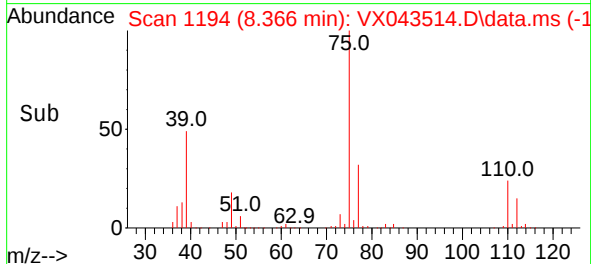
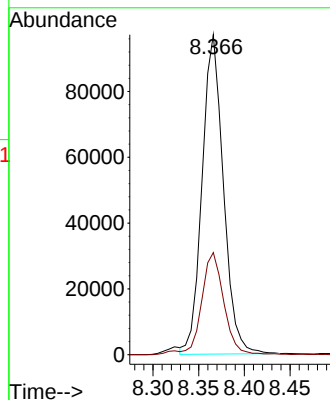
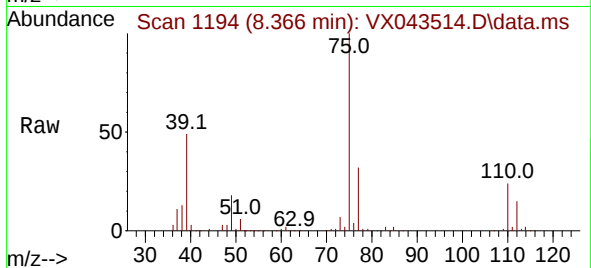
ClientSampleId :

Tgt Ion: 75 Resp: 157281

Ion Ratio Lower Upper

75 100

77 31.9 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 100.670 ug/L

RT: 8.573 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VX043514.D

Acq: 25 Oct 2024 11:20

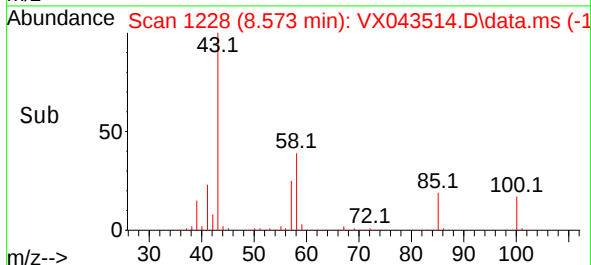
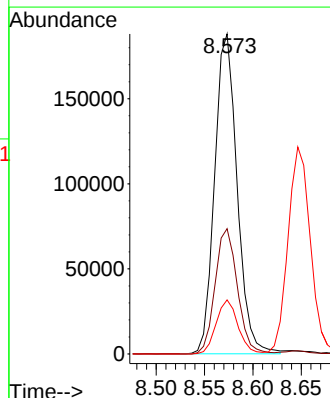
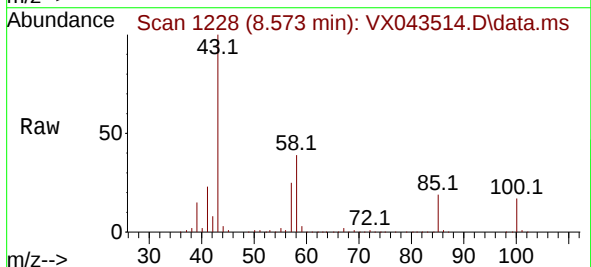
Tgt Ion: 43 Resp: 303203

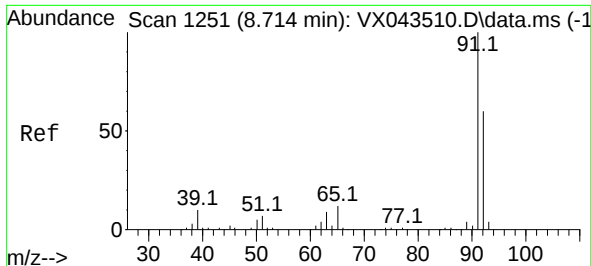
Ion Ratio Lower Upper

43 100

58 39.0 31.1 46.7

100 16.4 13.0 19.4





#42

Toluene

Concen: 49.609 ug/L

RT: 8.713 min Scan# 1251

Delta R.T. -0.000 min

Lab File: VX043514.D

Acq: 25 Oct 2024 11:20

Instrument :

MSVOA_X

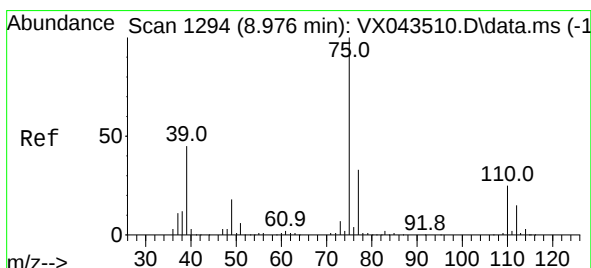
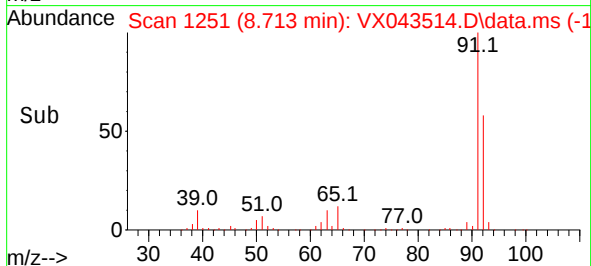
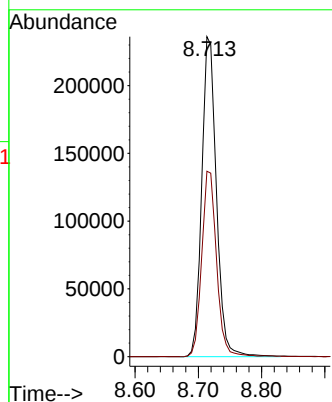
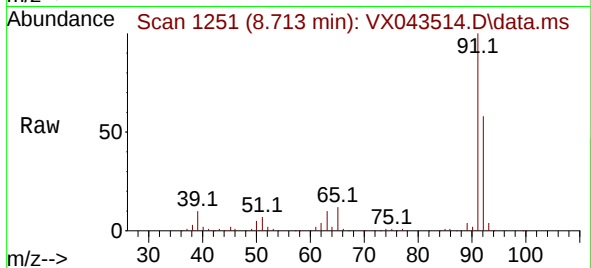
ClientSampleId :

Tgt Ion: 91 Resp: 381010

Ion Ratio Lower Upper

91 100

92 57.9 42.1 78.1



#44

trans-1,3-Dichloropropene

Concen: 50.625 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX043514.D

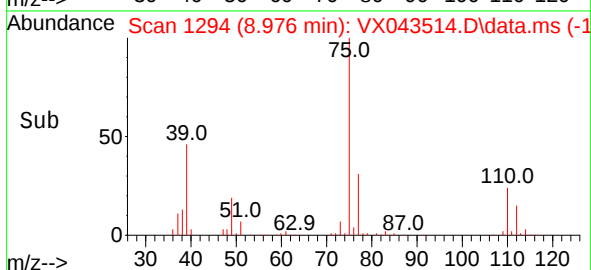
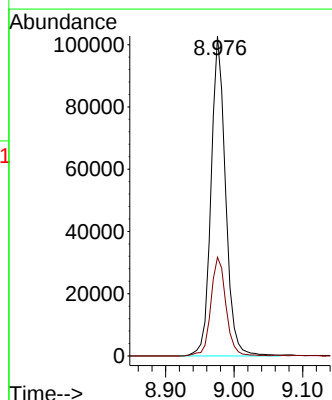
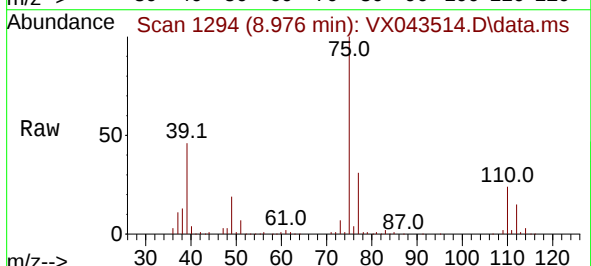
Acq: 25 Oct 2024 11:20

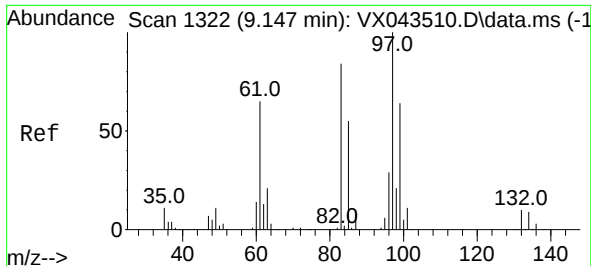
Tgt Ion: 75 Resp: 151486

Ion Ratio Lower Upper

75 100

77 30.8 22.9 42.5





#45

1,1,2-Trichloroethane

Concen: 48.791 ug/L

RT: 9.152 min Scan# 1323

Delta R.T. 0.006 min

Lab File: VX043514.D

Acq: 25 Oct 2024 11:20

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 97107

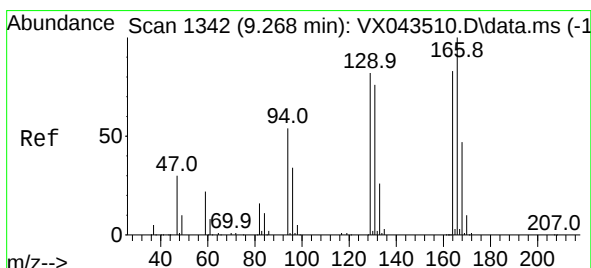
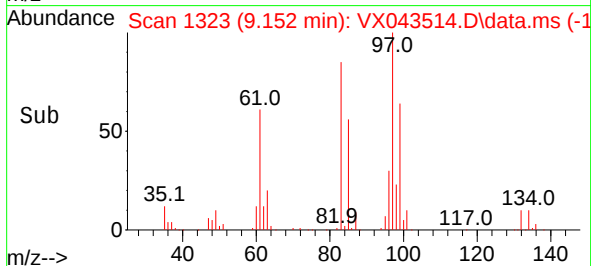
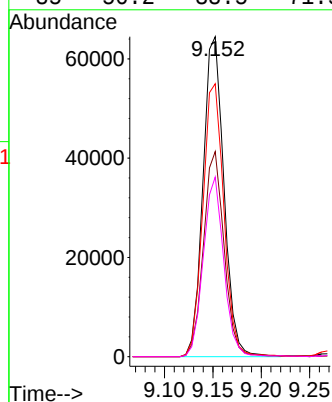
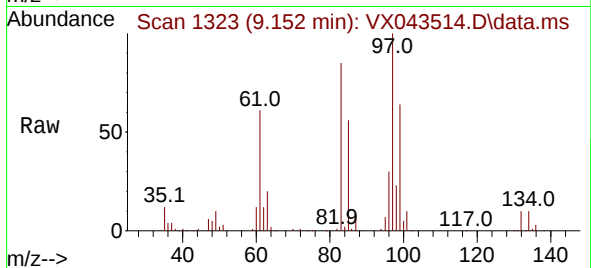
Ion Ratio Lower Upper

97 100

99 64.1 44.7 83.1

83 85.3 58.9 109.3

85 56.2 38.5 71.5



#46

Tetrachloroethene

Concen: 49.100 ug/L

RT: 9.274 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VX043514.D

Acq: 25 Oct 2024 11:20

Tgt Ion:164 Resp: 70132

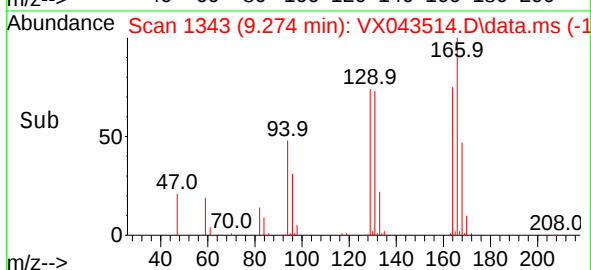
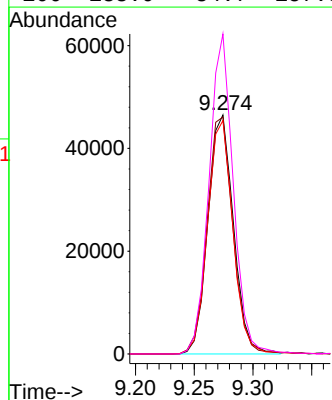
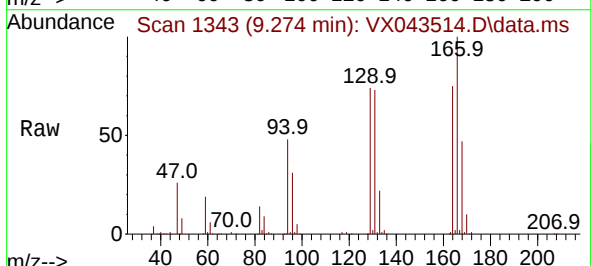
Ion Ratio Lower Upper

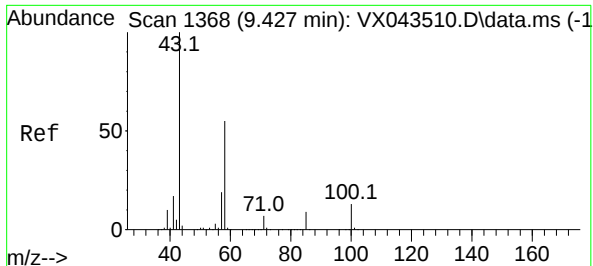
164 100

129 99.1 69.9 129.9

131 97.6 64.0 119.0

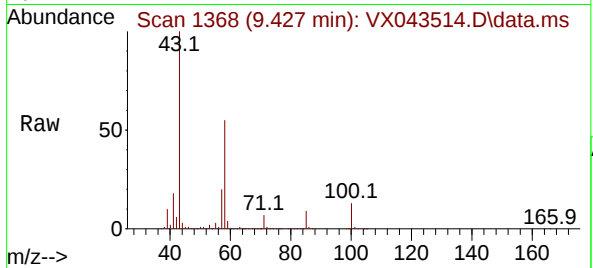
166 133.9 84.7 157.3



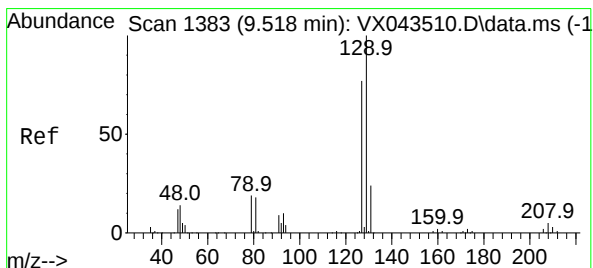
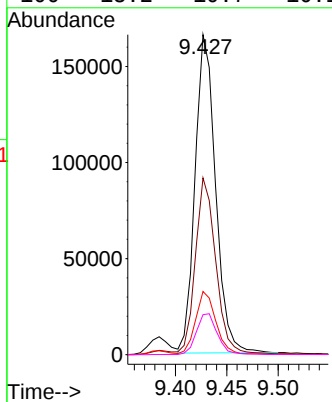
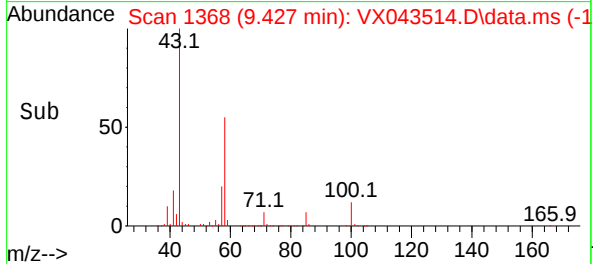


#48
2-Hexanone
Concen: 100.280 ug/L
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX043514.D
Acq: 25 Oct 2024 11:20

Instrument :
MSVOA_X
ClientSampleId :

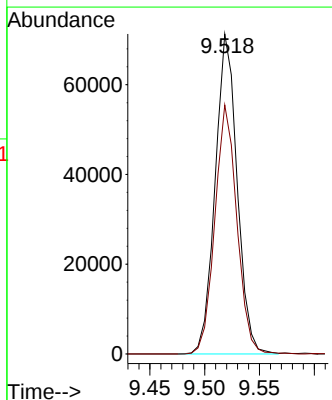
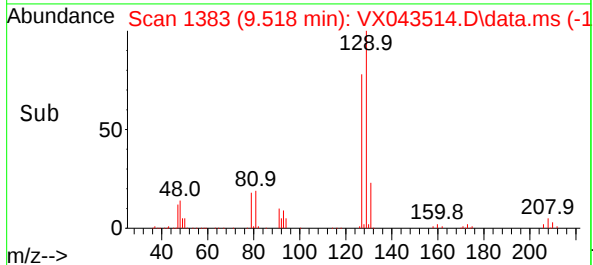
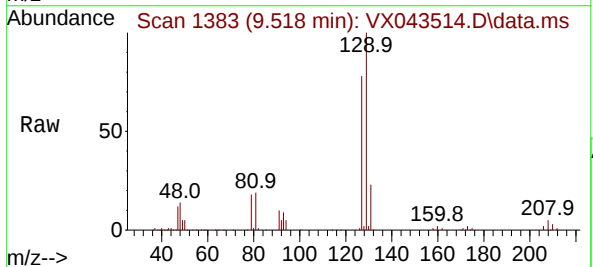


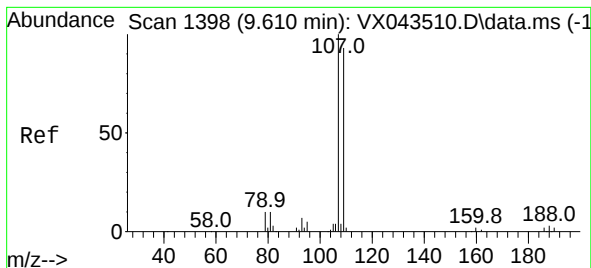
Tgt Ion:	43	Resp:	230713
Ion	Ratio	Lower	Upper
43	100		
58	56.1	44.6	67.0
57	19.8	16.2	24.2
100	13.2	10.7	16.1



#49
Dibromochloromethane
Concen: 50.493 ug/L
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX043514.D
Acq: 25 Oct 2024 11:20

Tgt Ion:	129	Resp:	99468
Ion	Ratio	Lower	Upper
129	100		
127	77.8	54.0	100.4





#50

1,2-Dibromoethane

Concen: 49.974 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VX043514.D

Acq: 25 Oct 2024 11:20

Instrument :

MSVOA_X

ClientSampleId :

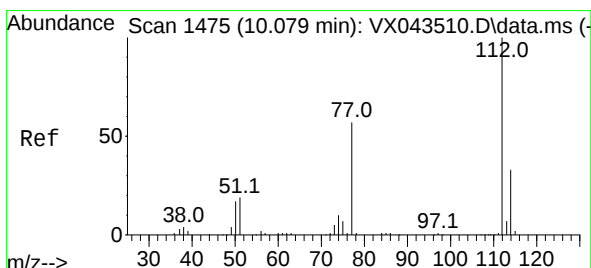
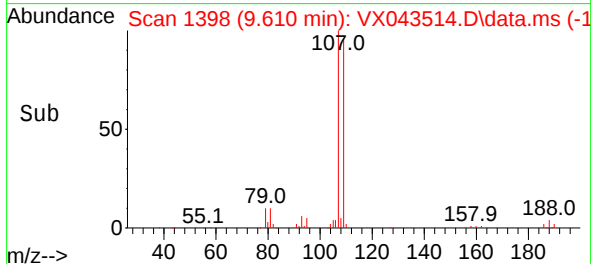
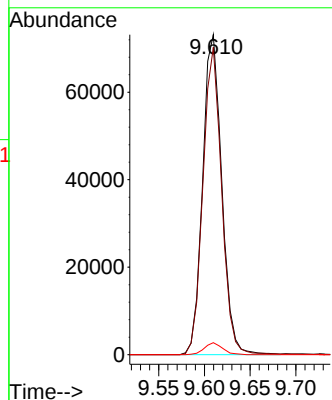
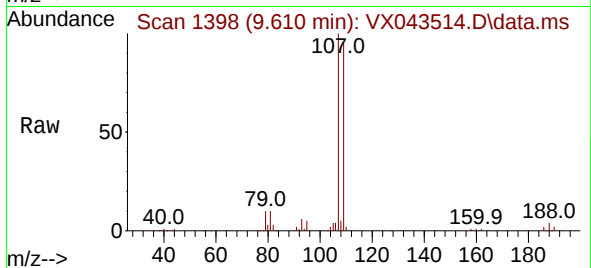
Tgt Ion:107 Resp: 106264

Ion Ratio Lower Upper

107 100

109 96.0 65.0 120.6

188 3.7 2.8 4.2



#51

Chlorobenzene

Concen: 49.517 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX043514.D

Acq: 25 Oct 2024 11:20

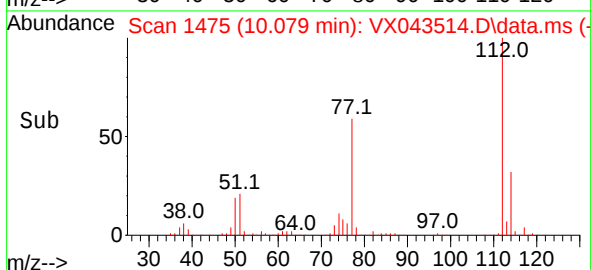
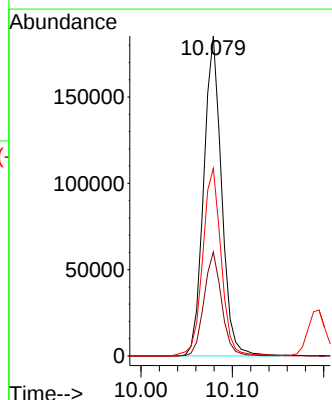
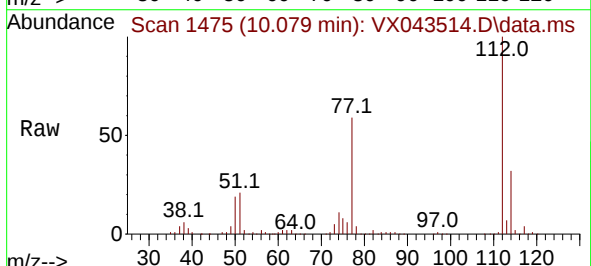
Tgt Ion:112 Resp: 251097

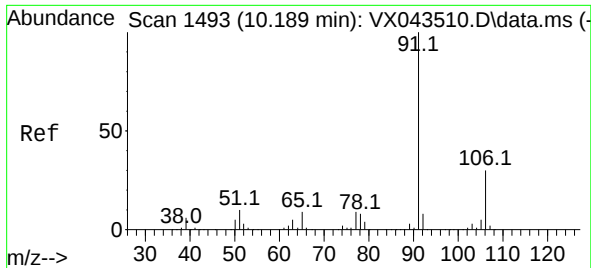
Ion Ratio Lower Upper

112 100

114 32.5 23.4 43.4

77 58.6 46.1 69.1





#52

Ethylbenzene

Concen: 50.313 ug/L

RT: 10.195 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VX043514.D

Acq: 25 Oct 2024 11:20

Instrument :

MSVOA_X

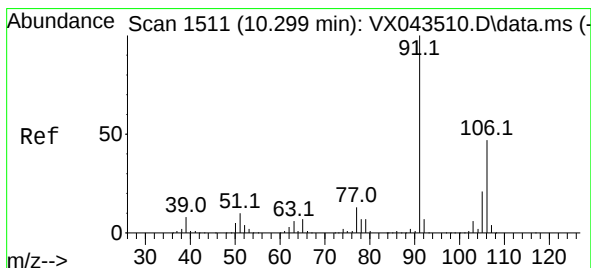
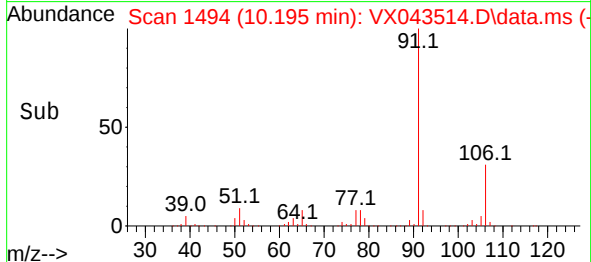
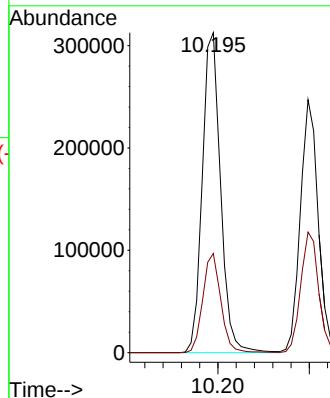
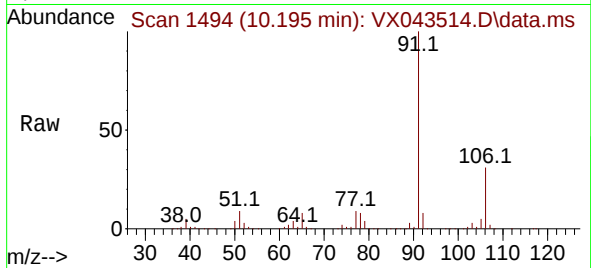
ClientSampleId :

Tgt Ion: 91 Resp: 433504

Ion Ratio Lower Upper

91 100

106 31.0 20.9 38.7



#53

m,p-Xylene

Concen: 50.595 ug/L

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX043514.D

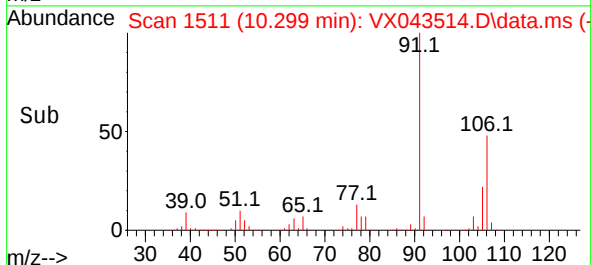
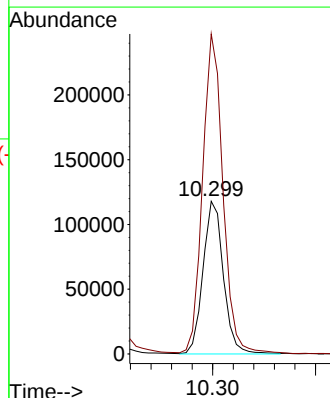
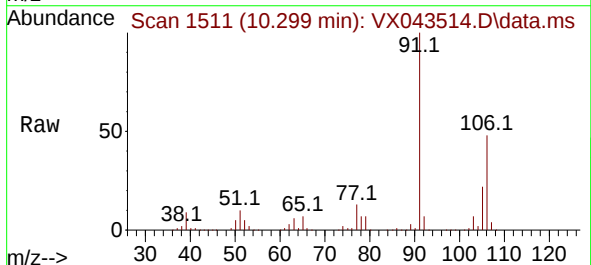
Acq: 25 Oct 2024 11:20

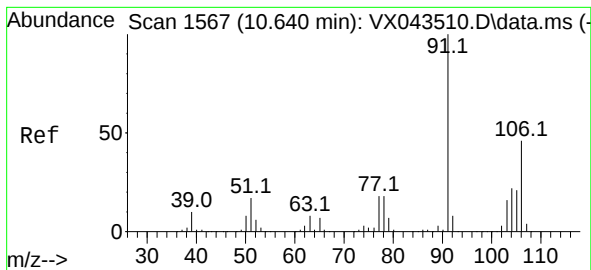
Tgt Ion:106 Resp: 162998

Ion Ratio Lower Upper

106 100

91 209.5 149.0 276.8





#54

o-Xylene

Concen: 50.045 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX043514.D

Acq: 25 Oct 2024 11:20

Instrument :

MSVOA_X

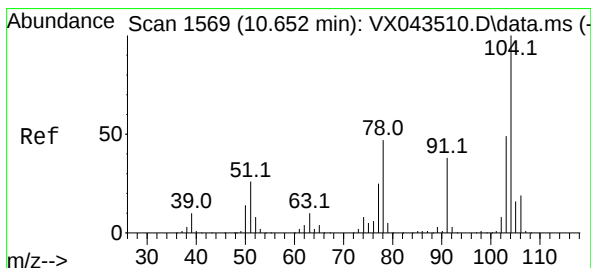
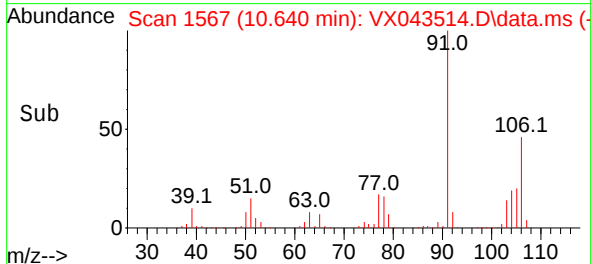
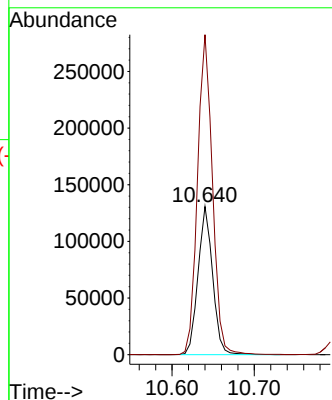
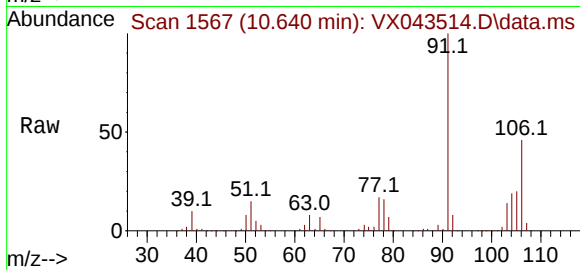
ClientSampleId :

Tgt Ion:106 Resp: 161474

Ion Ratio Lower Upper

106 100

91 216.0 152.9 284.1



#55

Styrene

Concen: 52.159 ug/L

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX043514.D

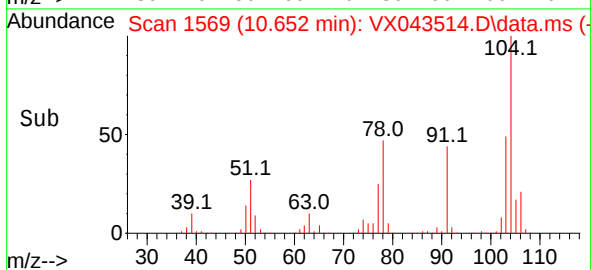
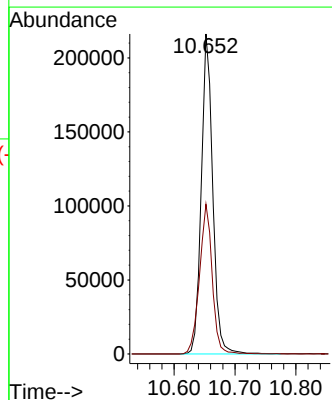
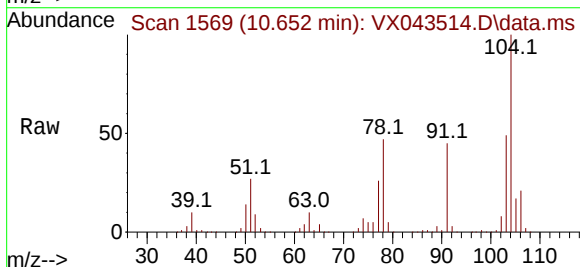
Acq: 25 Oct 2024 11:20

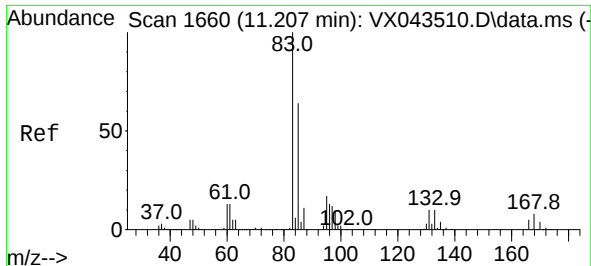
Tgt Ion:104 Resp: 282758

Ion Ratio Lower Upper

104 100

78 46.8 32.8 61.0

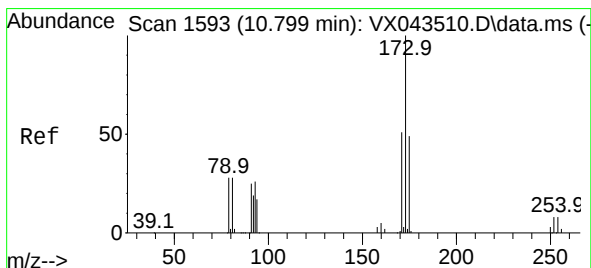
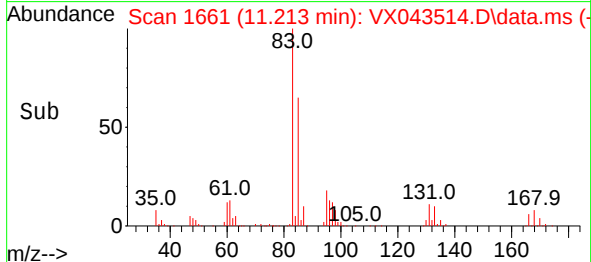
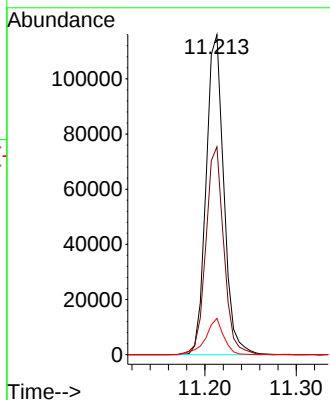
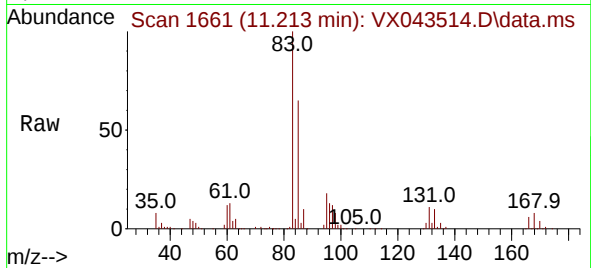




#57
1,1,2,2-Tetrachloroethane
Concen: 49.696 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.006 min
Lab File: VX043514.D
Acq: 25 Oct 2024 11:20

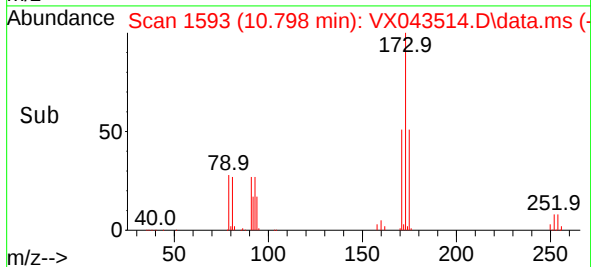
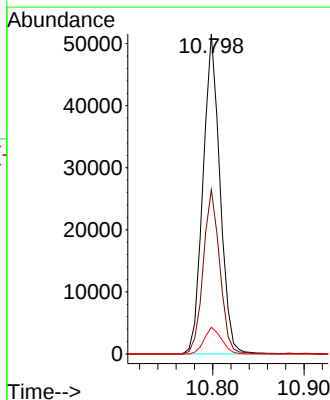
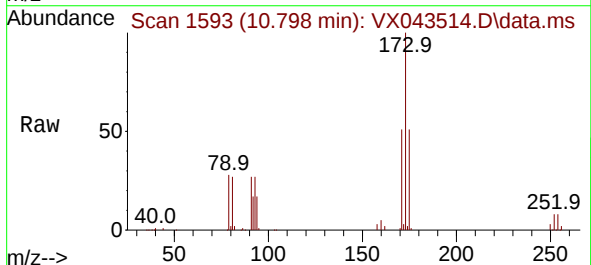
Instrument :
MSVOA_X
ClientSampleId :

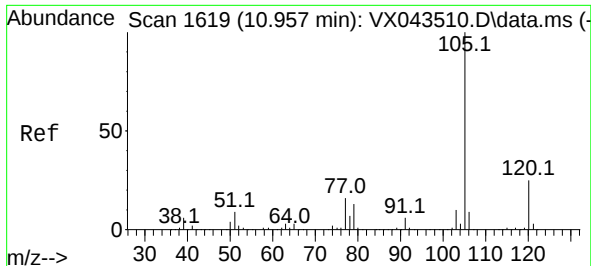
Tgt Ion: 83 Resp: 156077
Ion Ratio Lower Upper
83 100
85 64.9 44.7 82.9
131 11.4 8.2 12.4



#59
Bromoform
Concen: 47.326 ug/L
RT: 10.798 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX043514.D
Acq: 25 Oct 2024 11:20

Tgt Ion:173 Resp: 66325
Ion Ratio Lower Upper
173 100
175 50.0 38.4 57.6
254 8.4 6.6 9.8

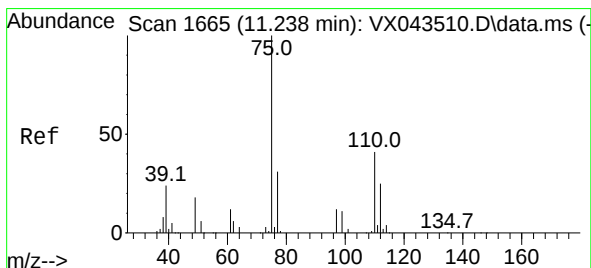
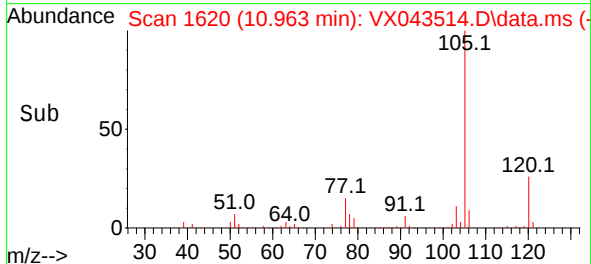
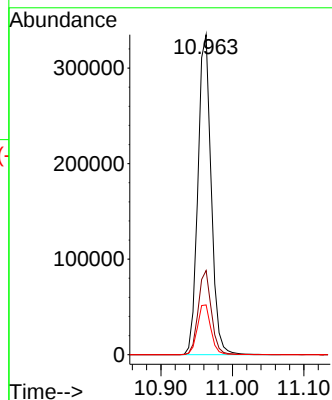
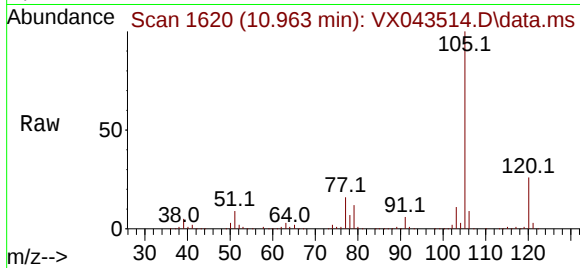




#60
Isopropylbenzene
Concen: 48.085 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX043514.D
Acq: 25 Oct 2024 11:20

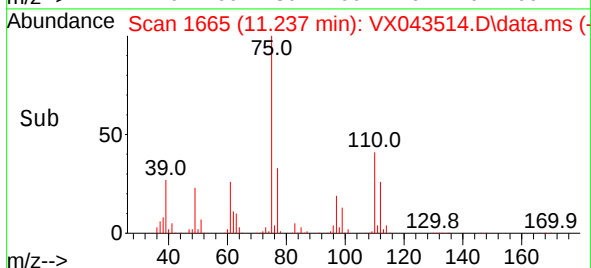
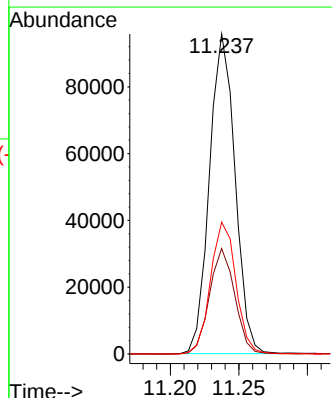
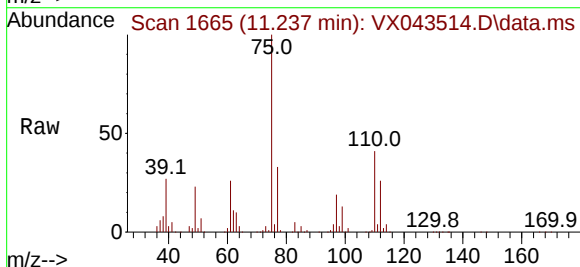
Instrument :
MSVOA_X
ClientSampleId :

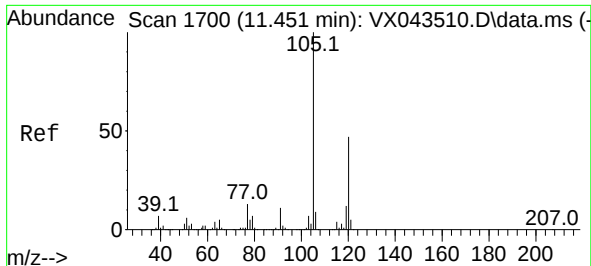
Tgt Ion:105 Resp: 429266
Ion Ratio Lower Upper
105 100
120 26.0 21.0 31.4
77 15.9 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 48.069 ug/L
RT: 11.237 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX043514.D
Acq: 25 Oct 2024 11:20

Tgt Ion: 75 Resp: 124110
Ion Ratio Lower Upper
75 100
77 32.6 25.5 38.3
110 41.0 33.3 49.9





#62

1,3,5-Trimethylbenzene

Concen: 49.005 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX043514.D

Acq: 25 Oct 2024 11:20

Instrument :

MSVOA_X

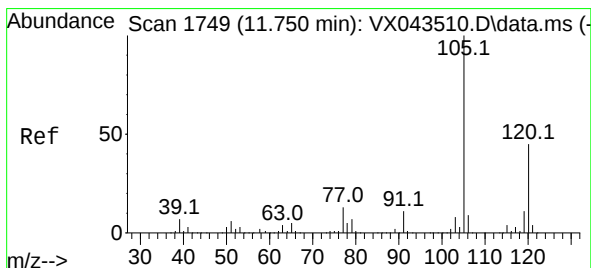
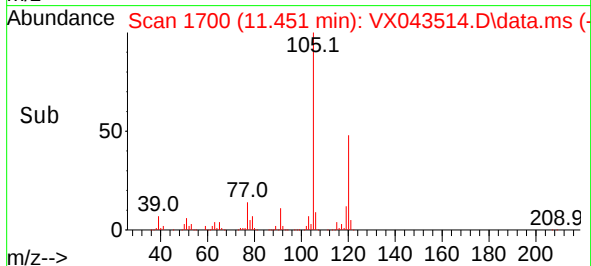
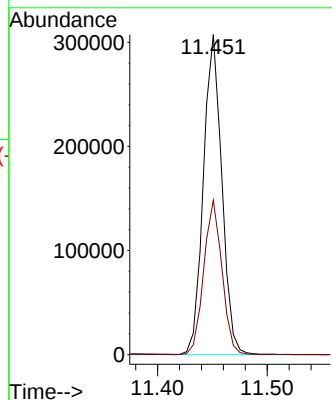
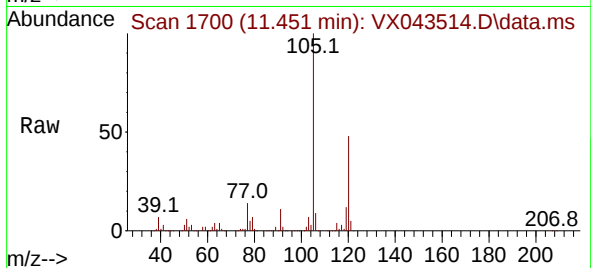
ClientSampleId :

Tgt Ion:105 Resp: 358868

Ion Ratio Lower Upper

105 100

120 47.7 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 49.269 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX043514.D

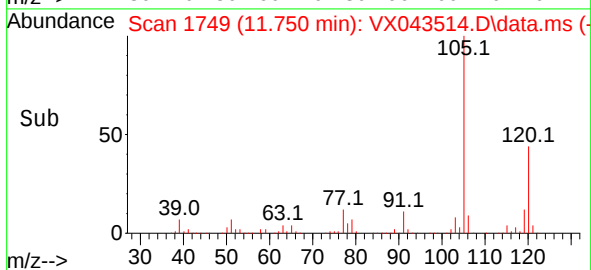
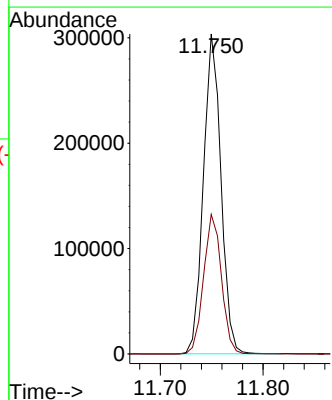
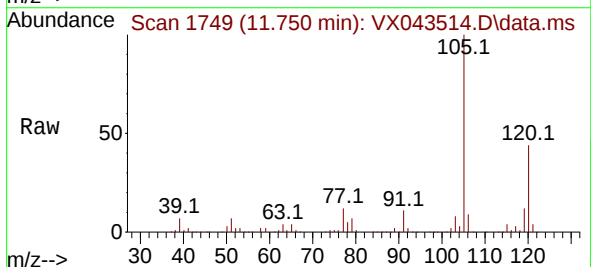
Acq: 25 Oct 2024 11:20

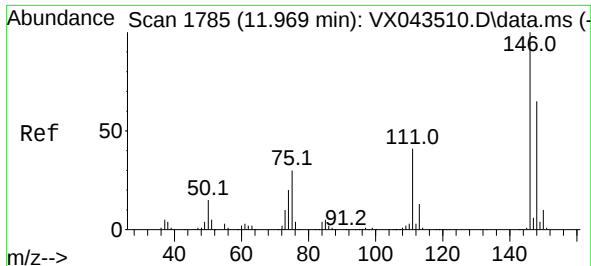
Tgt Ion:105 Resp: 361222

Ion Ratio Lower Upper

105 100

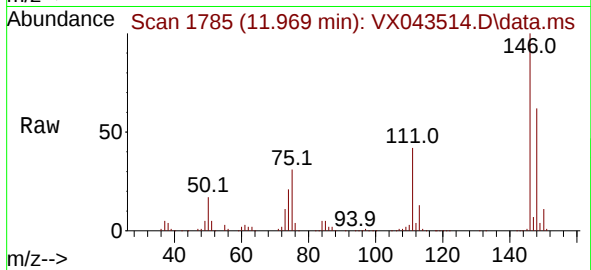
120 44.4 35.8 53.8



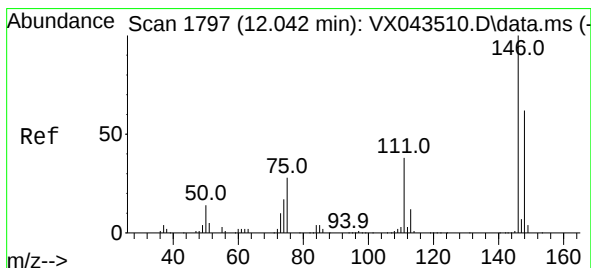
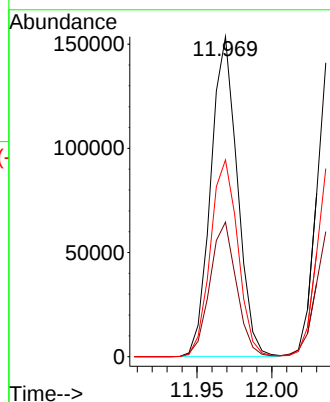
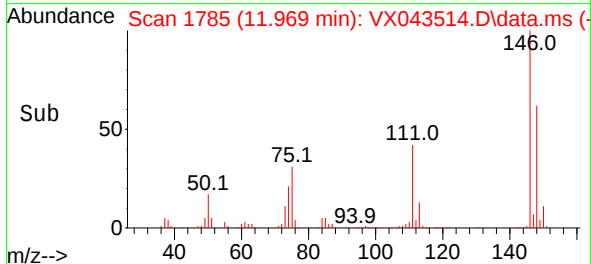


#64
1,3-Dichlorobenzene
Concen: 48.959 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX043514.D
Acq: 25 Oct 2024 11:20

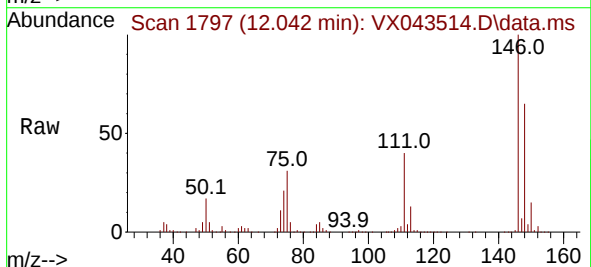
Instrument :
MSVOA_X
ClientSampleId :



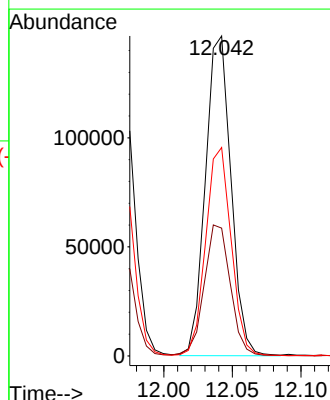
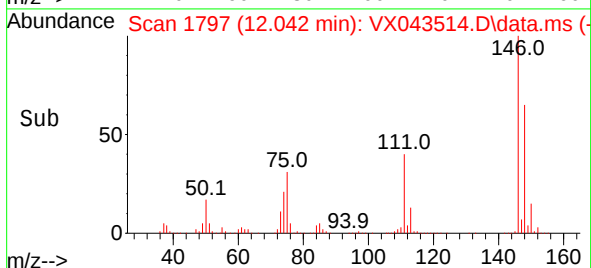
Tgt Ion:146 Resp: 189717
Ion Ratio Lower Upper
146 100
111 42.0 28.6 53.0
148 61.5 45.8 85.0

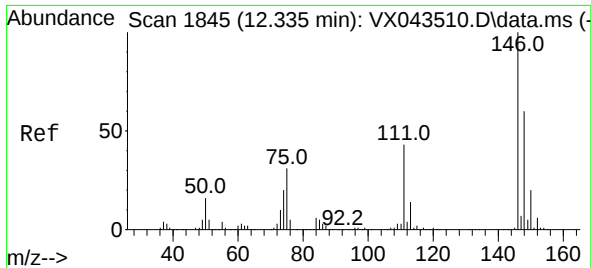


#65
1,4-Dichlorobenzene
Concen: 48.279 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX043514.D
Acq: 25 Oct 2024 11:20



Tgt Ion:146 Resp: 190487
Ion Ratio Lower Upper
146 100
111 39.9 26.8 49.8
148 65.1 43.4 80.6





#67

1,2-Dichlorobenzene

Concen: 49.353 ug/L

RT: 12.335 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX043514.D

Acq: 25 Oct 2024 11:20

Instrument :

MSVOA_X

ClientSampleId :

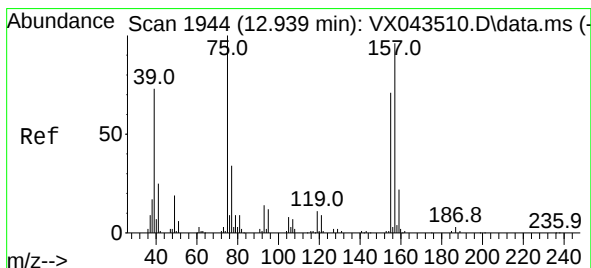
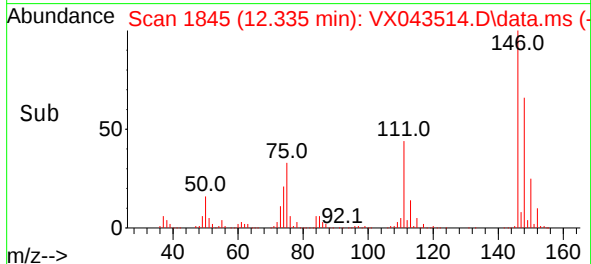
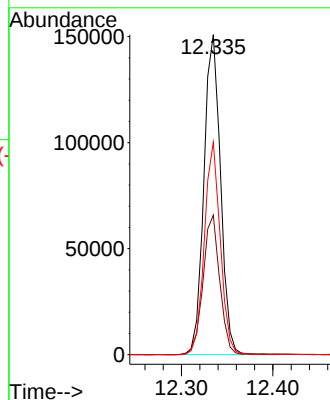
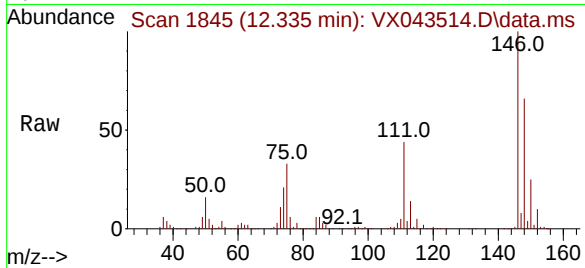
Tgt Ion:146 Resp: 190145

Ion Ratio Lower Upper

146 100

111 43.6 34.6 51.8

148 66.4 48.2 72.4



#68

1,2-Dibromo-3-chloropropane

Concen: 47.922 ug/L

RT: 12.944 min Scan# 1945

Delta R.T. 0.006 min

Lab File: VX043514.D

Acq: 25 Oct 2024 11:20

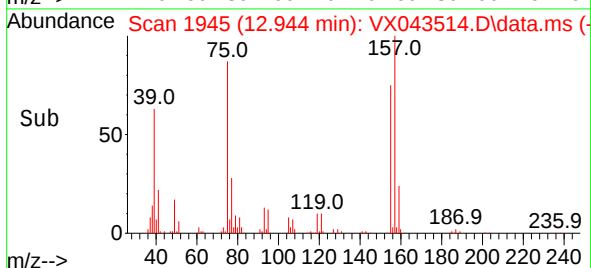
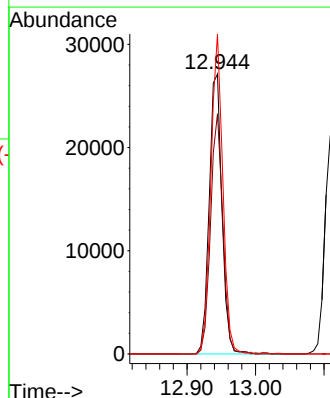
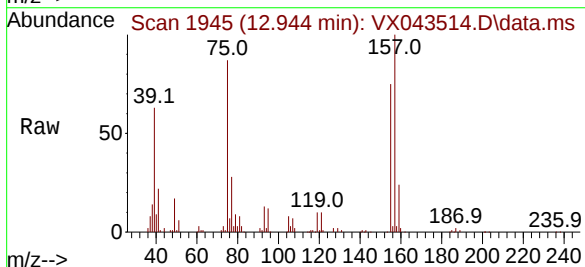
Tgt Ion: 75 Resp: 35083

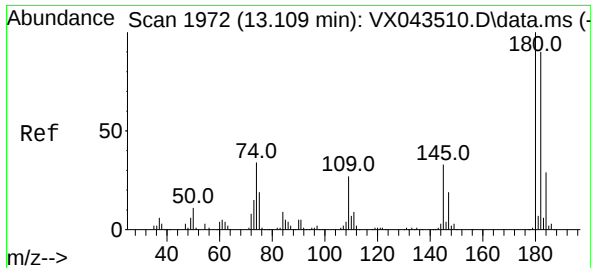
Ion Ratio Lower Upper

75 100

155 85.8 56.9 85.3#

157 114.3 76.8 115.2





#69

1,3,5-Trichlorobenzene

Concen: 49.378 ug/L

RT: 13.109 min Scan# 1972

Delta R.T. -0.000 min

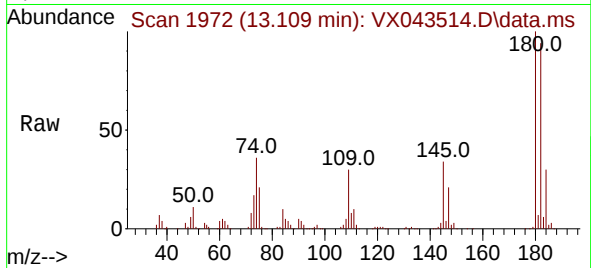
Lab File: VX043514.D

Acq: 25 Oct 2024 11:20

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 128559

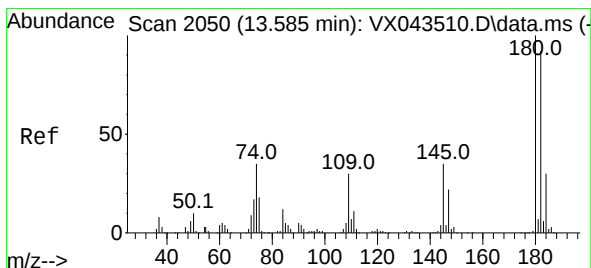
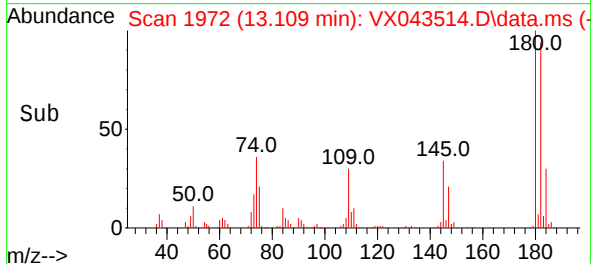
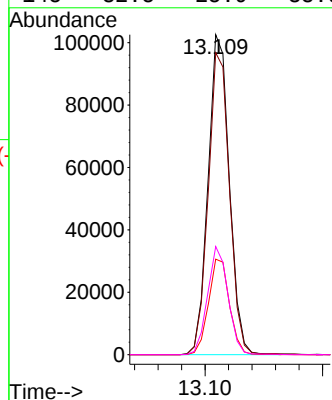
Ion Ratio Lower Upper

180 100

182 94.2 74.1 111.1

184 29.5 23.1 34.7

145 32.5 25.9 38.9



#70

1,2,4-trichlorobenzene

Concen: 48.934 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX043514.D

Acq: 25 Oct 2024 11:20

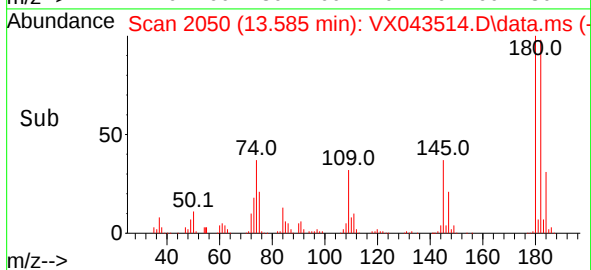
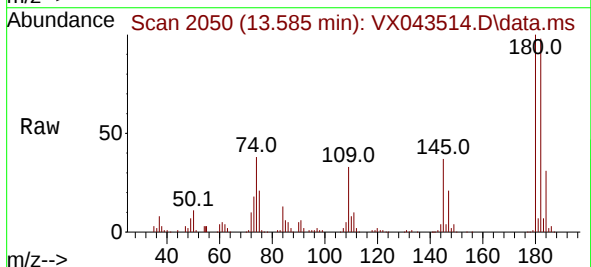
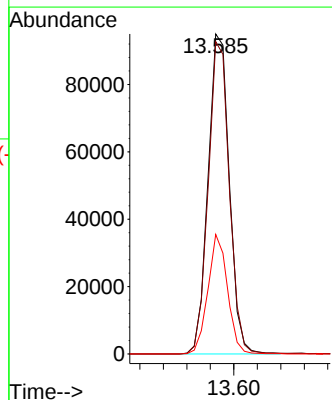
Tgt Ion:180 Resp: 119330

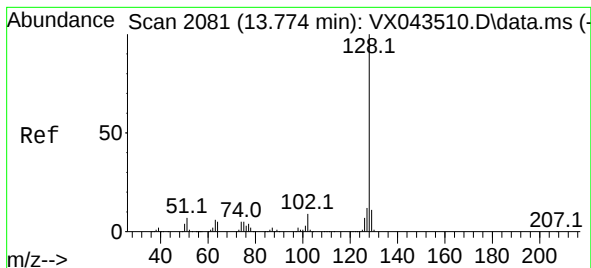
Ion Ratio Lower Upper

180 100

182 97.1 74.9 112.3

145 34.5 26.6 40.0





#71

Naphthalene

Concen: 50.170 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX043514.D

Acq: 25 Oct 2024 11:20

Instrument :

MSVOA_X

ClientSampleId :

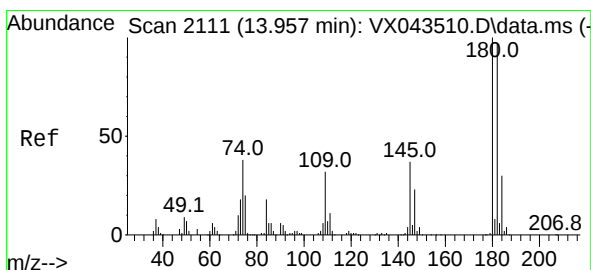
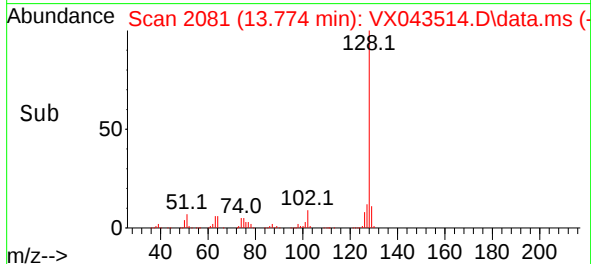
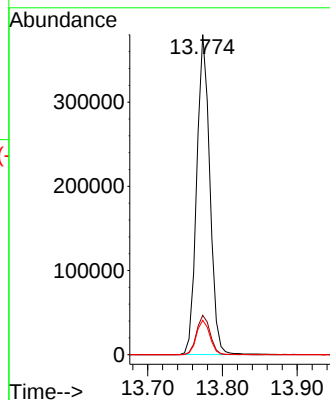
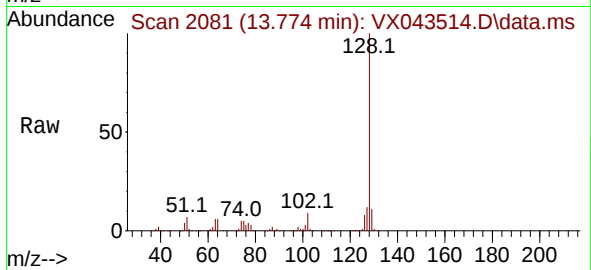
Tgt Ion:128 Resp: 461918

Ion Ratio Lower Upper

128 100

127 12.7 10.1 15.1

129 11.0 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 50.022 ug/L

RT: 13.956 min Scan# 2111

Delta R.T. -0.000 min

Lab File: VX043514.D

Acq: 25 Oct 2024 11:20

Tgt Ion:180 Resp: 122050

Ion Ratio Lower Upper

180 100

182 94.1 77.4 116.0

145 35.2 28.6 43.0

