

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111424\
 Data File : VX043854.D
 Acq On : 14 Nov 2024 15:45
 Operator : JC/MD
 Sample : VSTD05038
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 15 02:07:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML111424WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 15 02:05:35 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	239559	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	215186	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	110033	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	74073	49.797	ug/L	0.00
7) Chloroethane-d5	1.648	69	52771	53.628	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.294	65	34096	50.803	ug/L	0.00
21) 2-Butanone-d5	4.458	46	82189	103.900	ug/L	0.00
24) Chloroform-d	5.050	84	161384	50.993	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	101532	50.237	ug/L	0.00
32) Benzene-d6	5.964	84	295716	49.394	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.299	67	84500	49.558	ug/L	0.00
41) Toluene-d8	8.647	98	285461	50.426	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.945	79	44347	51.608	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	64072	101.714	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	118724	50.603	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	114138	49.723	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	89509	50.191	ug/L	100
3) Chloromethane	1.294	50	72175	50.169	ug/L	100
5) Vinyl chloride	1.374	62	76131	48.986	ug/L	100
6) Bromomethane	1.593	94	51451	50.437	ug/L	100
8) Chloroethane	1.660	64	43771	52.159	ug/L	100
9) Trichlorofluoromethane	1.867	101	137043	49.209	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	77114	49.090	ug/L	100
12) 1,1-Dichloroethene	2.313	96	70082	48.543	ug/L	100
13) Acetone	2.386	43	91500	96.404	ug/L	100
14) Carbon disulfide	2.501	76	151486	49.745	ug/L	100
15) Methyl Acetate	2.703	43	61821	47.281	ug/L	100
16) Methylene chloride	2.782	84	76128	48.275	ug/L	100
17) trans-1,2-Dichloroethene	3.087	96	72179	49.599	ug/L	100
18) Methyl tert-butyl Ether	3.111	73	247713	48.832	ug/L	100
19) 1,1-Dichloroethane	3.605	63	124833	48.651	ug/L	100
20) cis-1,2-Dichloroethene	4.477	96	85629	49.033	ug/L	100
22) 2-Butanone	4.556	43	103771	99.058	ug/L	100
23) Bromochloromethane	4.897	128	47107	50.194	ug/L	100
25) Chloroform	5.086	83	148190	49.845	ug/L	100
27) 1,2-Dichloroethane	6.080	62	115249	49.442	ug/L	100
29) Cyclohexane	5.458	56	108283	48.425	ug/L	100
30) 1,1,1-Trichloroethane	5.373	97	133706	49.858	ug/L	100
31) Carbon tetrachloride	5.672	117	114777	49.600	ug/L	100
33) Benzene	6.031	78	287055	48.897	ug/L	100
34) Trichloroethene	7.123	95	85365	43.806	ug/L	100
35) Methylcyclohexane	7.379	83	121023	48.592	ug/L	100
37) 1,2-Dichloropropane	7.427	63	71010	49.576	ug/L	100
38) Bromodichloromethane	7.818	83	98357	49.504	ug/L	100
39) cis-1,3-Dichloropropene	8.360	75	118809	48.999	ug/L	100
40) 4-Methyl-2-pentanone	8.574	43	167166	97.844	ug/L	100
42) Toluene	8.714	91	323895	50.558	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	115765	51.473	ug/L	100

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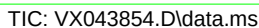
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML111424WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 15 02:05:35 2024
 Response via : Initial Calibration

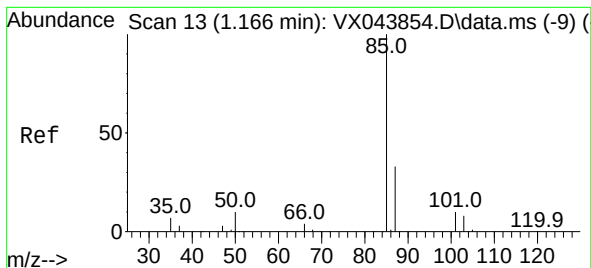
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.147	97	80873	48.999	ug/L	100
46) Tetrachloroethene	9.269	164	69329	49.459	ug/L	100
48) 2-Hexanone	9.433	43	141869	102.110	ug/L	100
49) Dibromochloromethane	9.519	129	83511	51.447	ug/L	100
50) 1,2-Dibromoethane	9.610	107	88883	50.089	ug/L	100
51) Chlorobenzene	10.079	112	216116	49.377	ug/L	100
52) Ethylbenzene	10.189	91	357445	51.002	ug/L	100
53) m,p-Xylene	10.299	106	144039	51.124	ug/L	100
54) o-Xylene	10.640	106	141732	50.526	ug/L	100
55) Styrene	10.652	104	234956	51.461	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	118526	49.791	ug/L	100
59) Bromoform	10.799	173	56318	49.424	ug/L	100
60) Isopropylbenzene	10.957	105	367747	49.686	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	89708	47.795	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	313688	50.329	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	311164	50.150	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	173334	49.296	ug/L	100
65) 1,4-Dichlorobenzene	12.042	146	172643	49.160	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	175214	48.870	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.939	75	23739	52.335	ug/L	100
69) 1,3,5-Trichlorobenzene	13.109	180	117925	50.043	ug/L	100
70) 1,2,4-trichlorobenzene	13.585	180	107305	50.889	ug/L	100
71) Naphthalene	13.774	128	375323	50.666	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	109719	50.680	ug/L	100

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

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MSVOA_X
ClientSampleId :

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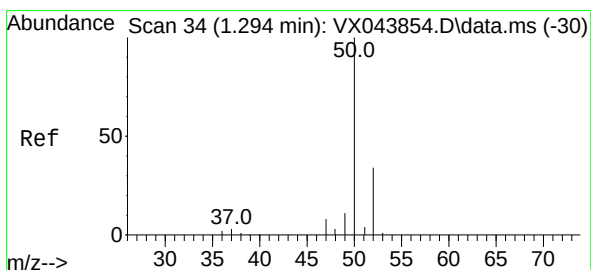
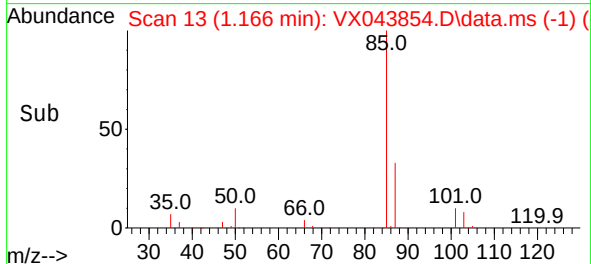
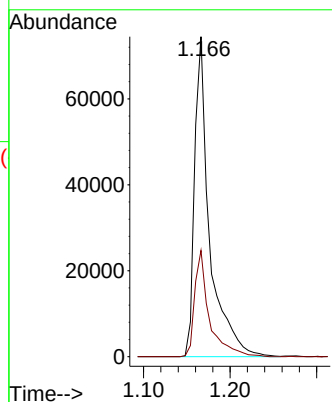
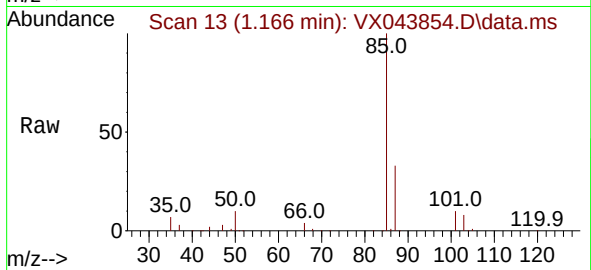




#2
Dichlorodifluoromethane
Concen: 50.191 ug/L
RT: 1.166 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX043854.D
Acq: 14 Nov 2024 15:45

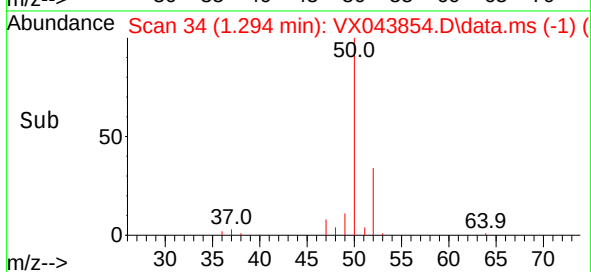
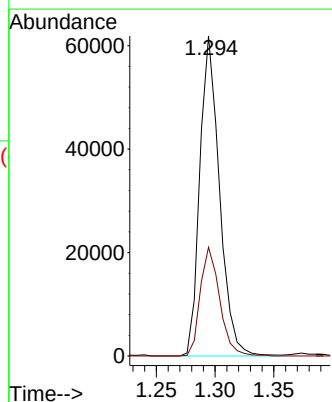
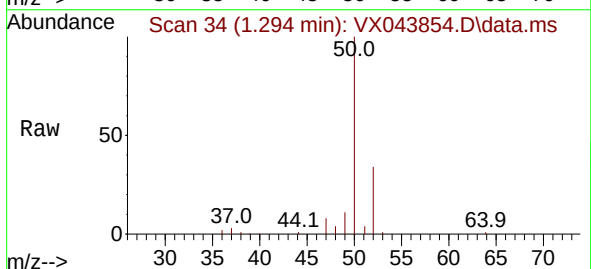
Instrument :
MSVOA_X
ClientSampleId :

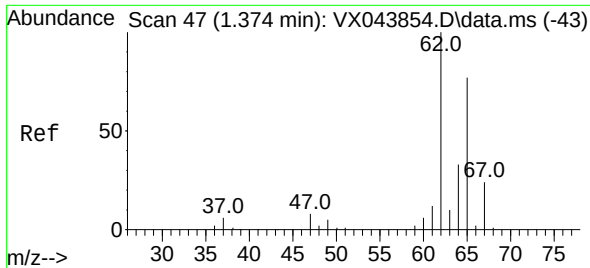
Tgt Ion: 85 Resp: 89509
Ion Ratio Lower Upper
85 100
87 32.5 26.0 39.0



#3
Chloromethane
Concen: 50.169 ug/L
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX043854.D
Acq: 14 Nov 2024 15:45

Tgt Ion: 50 Resp: 72175
Ion Ratio Lower Upper
50 100
52 34.0 23.8 44.2

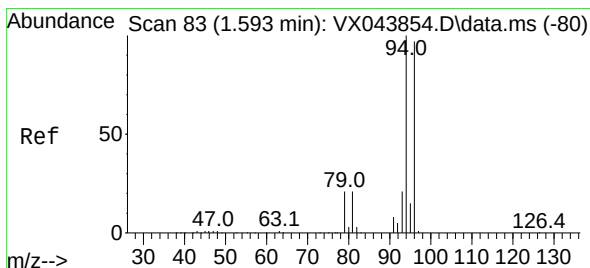
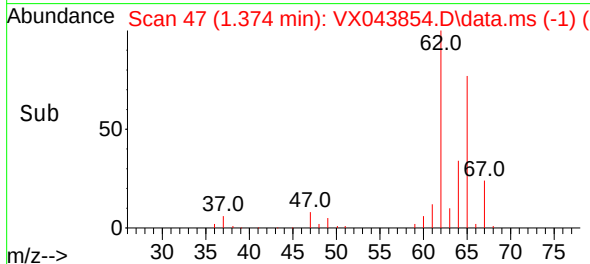
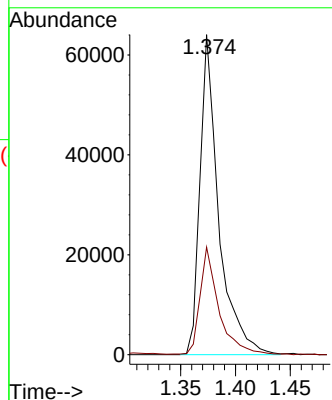
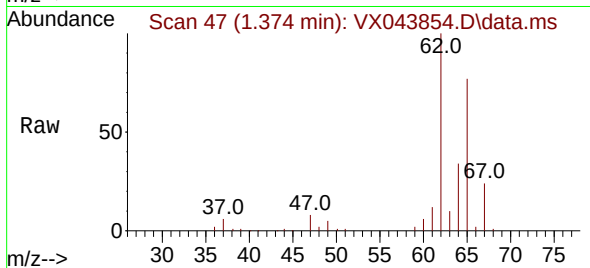




#5
 Vinyl chloride
 Concen: 48.986 ug/L
 RT: 1.374 min Scan# 47
 Delta R.T. 0.000 min
 Lab File: VX043854.D
 Acq: 14 Nov 2024 15:45

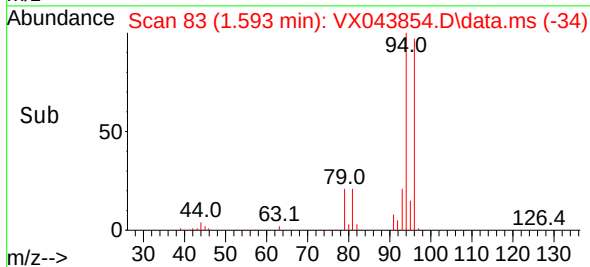
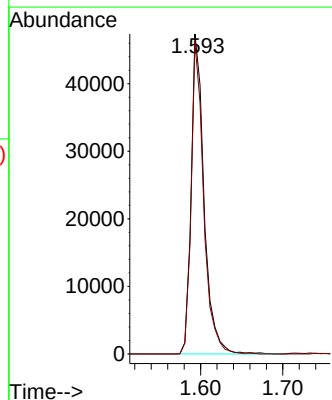
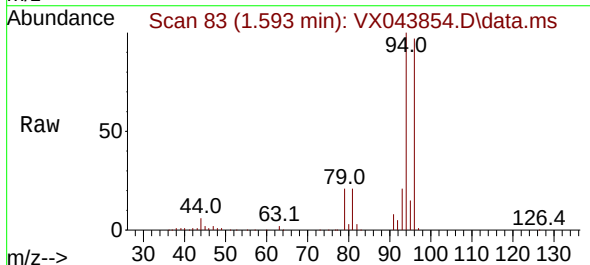
Instrument :
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 ClientSampleId :

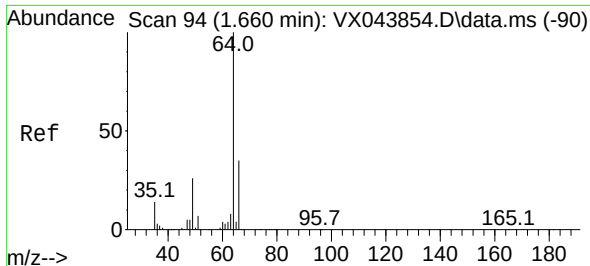
Tgt Ion: 62 Resp: 76131
 Ion Ratio Lower Upper
 62 100
 64 33.6 23.5 43.7



#6
 Bromomethane
 Concen: 50.437 ug/L
 RT: 1.593 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VX043854.D
 Acq: 14 Nov 2024 15:45

Tgt Ion: 94 Resp: 51451
 Ion Ratio Lower Upper
 94 100
 96 97.5 68.3 126.8

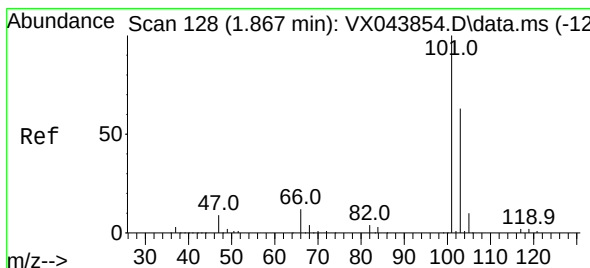
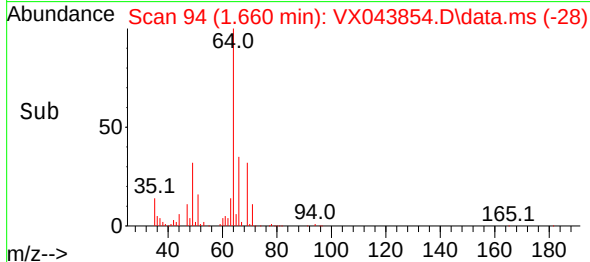
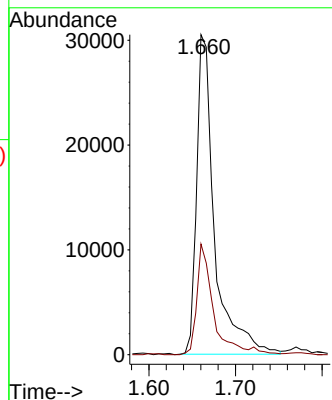
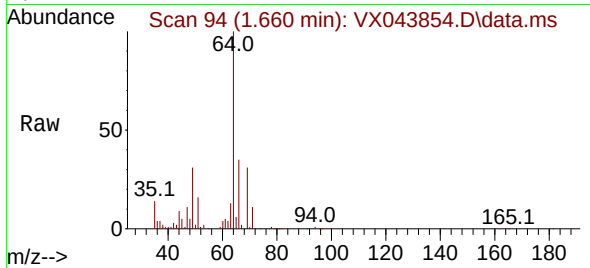




#8
Chloroethane
Concen: 52.159 ug/L
RT: 1.660 min Scan# 94
Delta R.T. 0.000 min
Lab File: VX043854.D
Acq: 14 Nov 2024 15:45

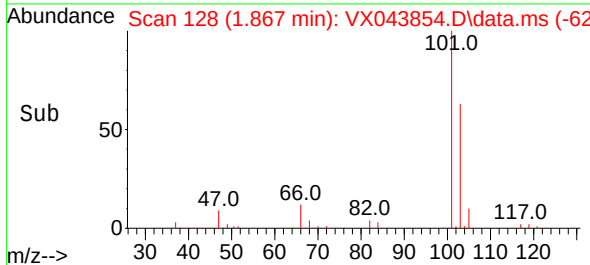
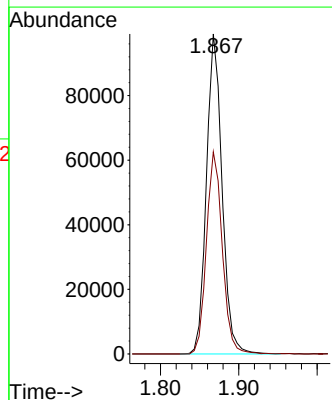
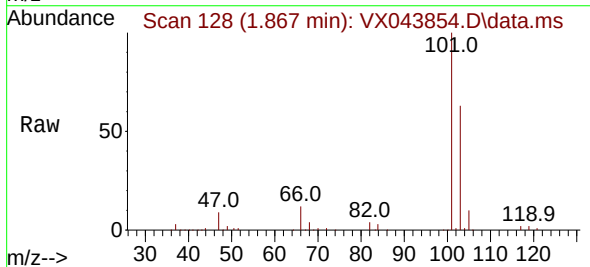
Instrument :
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ClientSampleId :

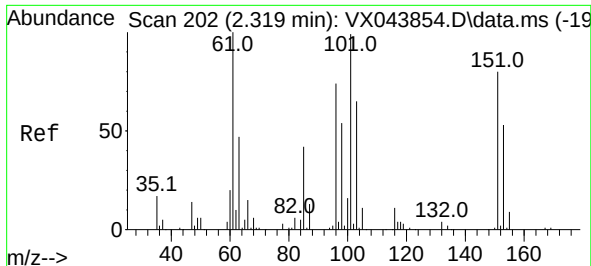
Tgt Ion: 64 Resp: 43771
Ion Ratio Lower Upper
64 100
66 34.6 24.2 45.0



#9
Trichlorofluoromethane
Concen: 49.209 ug/L
RT: 1.867 min Scan# 128
Delta R.T. 0.000 min
Lab File: VX043854.D
Acq: 14 Nov 2024 15:45

Tgt Ion:101 Resp: 137043
Ion Ratio Lower Upper
101 100
103 64.1 51.3 76.9

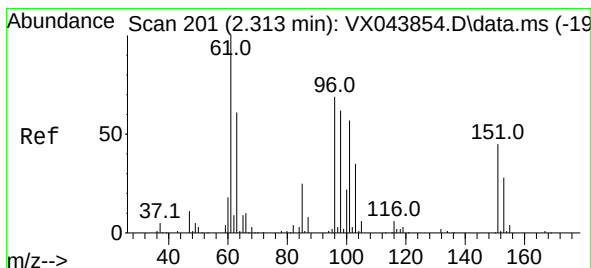
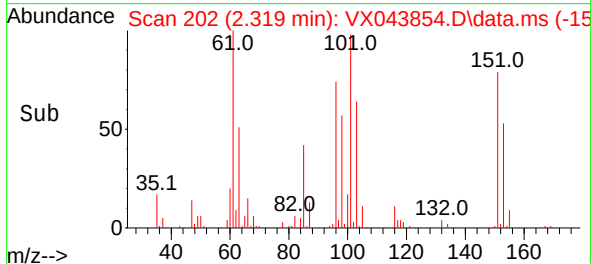
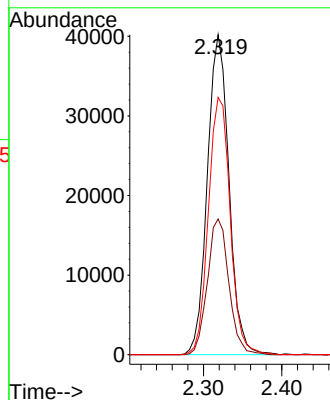
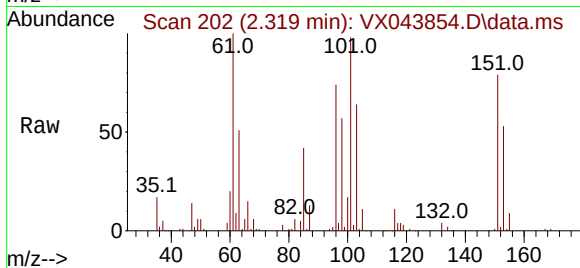




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 49.090 ug/L
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX043854.D
Acq: 14 Nov 2024 15:45

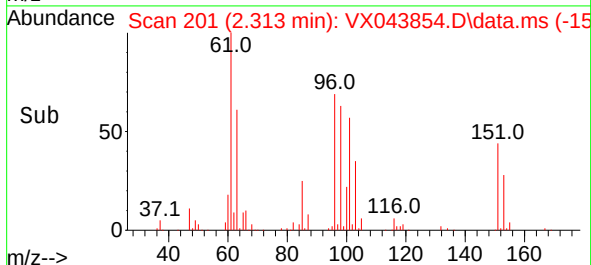
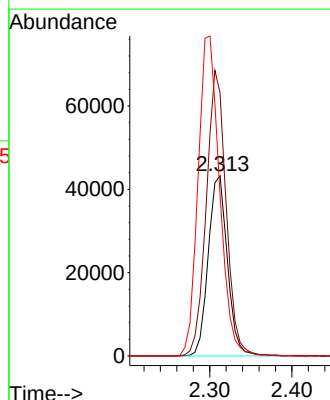
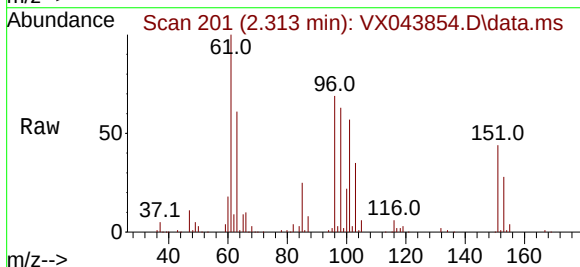
Instrument :
MSVOA_X
ClientSampleId :

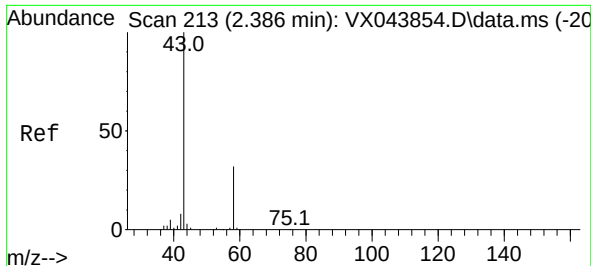
Tgt Ion:101 Resp: 77114
Ion Ratio Lower Upper
101 100
85 42.2 33.8 50.6
151 81.1 64.9 97.3



#12
1,1-Dichloroethene
Concen: 48.543 ug/L
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX043854.D
Acq: 14 Nov 2024 15:45

Tgt Ion: 96 Resp: 70082
Ion Ratio Lower Upper
96 100
61 146.0 102.2 189.8
63 89.4 62.6 116.2





#13

Acetone

Concen: 96.404 ug/L

RT: 2.386 min Scan# 213

Delta R.T. 0.000 min

Lab File: VX043854.D

Acq: 14 Nov 2024 15:45

Instrument :

MSVOA_X

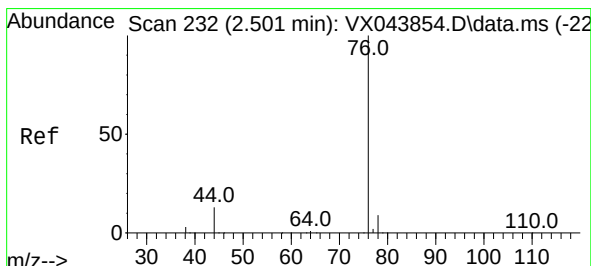
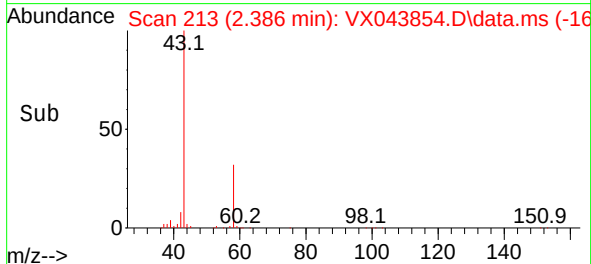
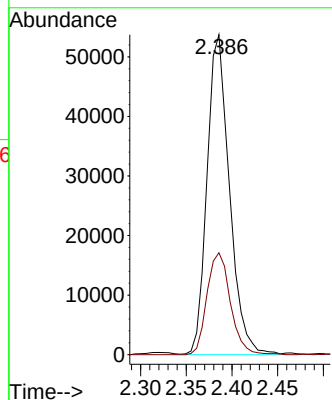
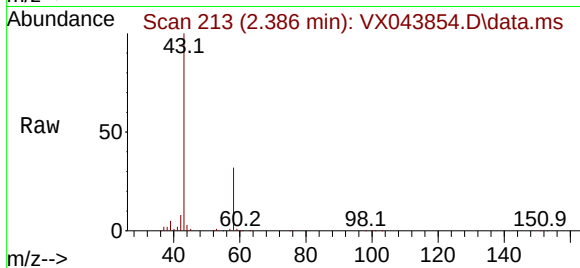
ClientSampleId :

Tgt Ion: 43 Resp: 91500

Ion Ratio Lower Upper

43 100

58 33.1 0.0 66.2



#14

Carbon disulfide

Concen: 49.745 ug/L

RT: 2.501 min Scan# 232

Delta R.T. 0.000 min

Lab File: VX043854.D

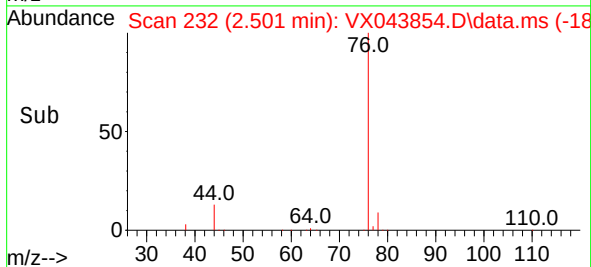
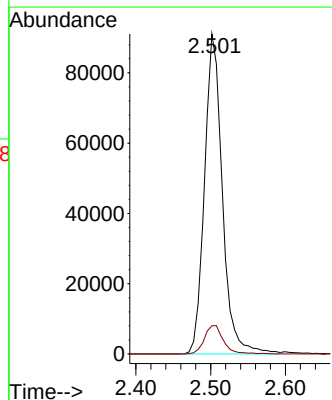
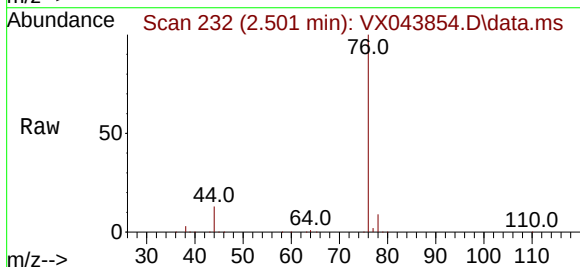
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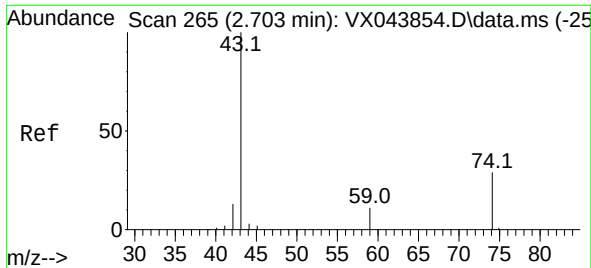
Tgt Ion: 76 Resp: 151486

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.6

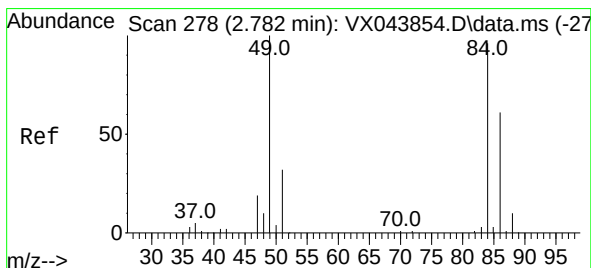
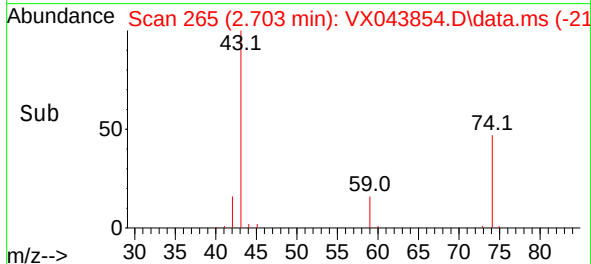
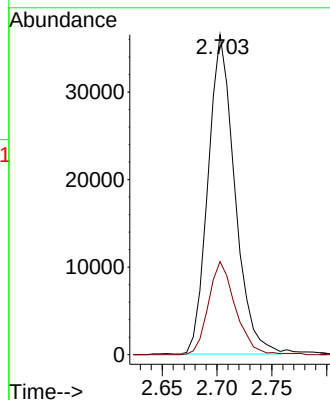
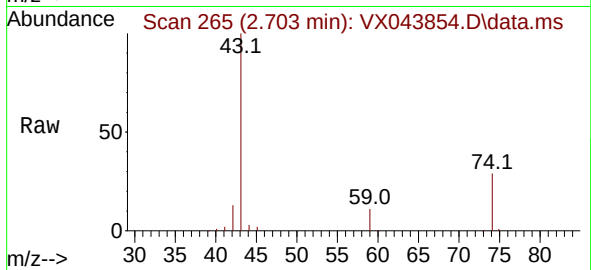




#15
Methyl Acetate
Concen: 47.281 ug/L
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX043854.D
Acq: 14 Nov 2024 15:45

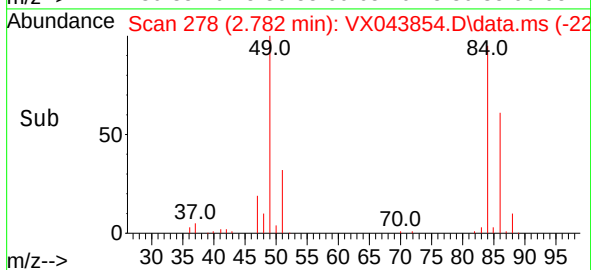
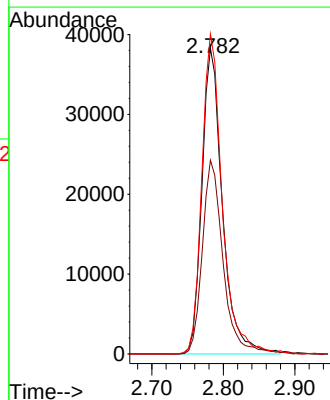
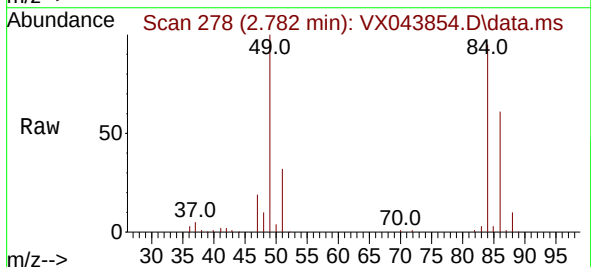
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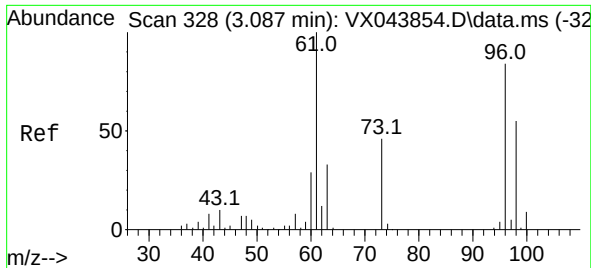
Tgt Ion: 43 Resp: 61821
Ion Ratio Lower Upper
43 100
74 29.3 23.4 35.2



#16
Methylene chloride
Concen: 48.275 ug/L
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX043854.D
Acq: 14 Nov 2024 15:45

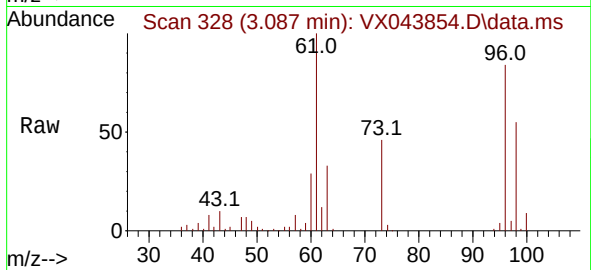
Tgt Ion: 84 Resp: 76128
Ion Ratio Lower Upper
84 100
86 63.5 44.4 82.5
49 104.8 73.4 136.2



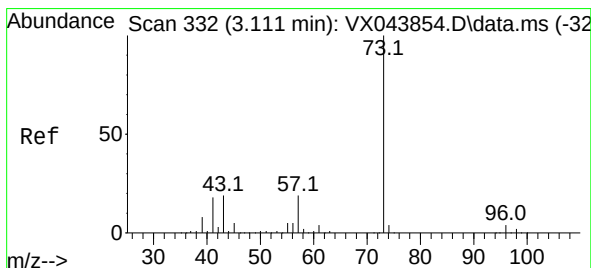
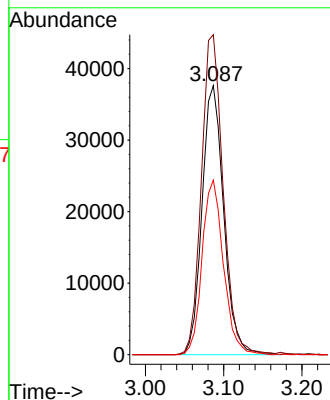
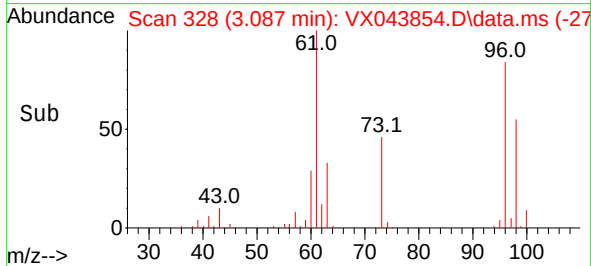


#17
trans-1,2-Dichloroethene
Concen: 49.599 ug/L
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX043854.D
Acq: 14 Nov 2024 15:45

Instrument :
MSVOA_X
ClientSampleId :

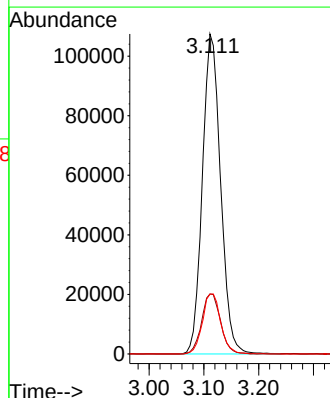
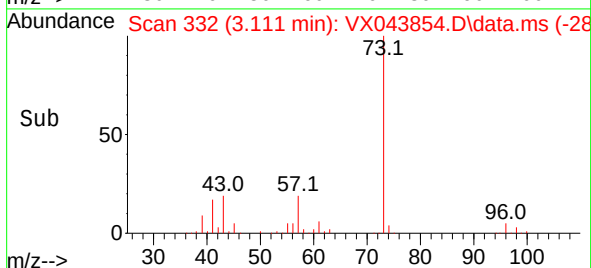
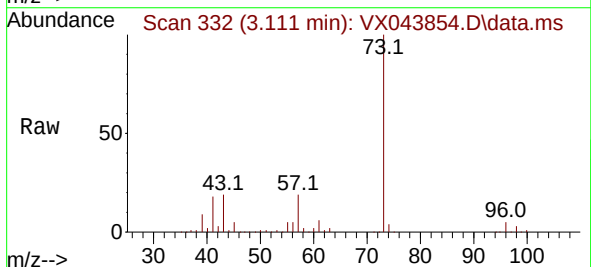


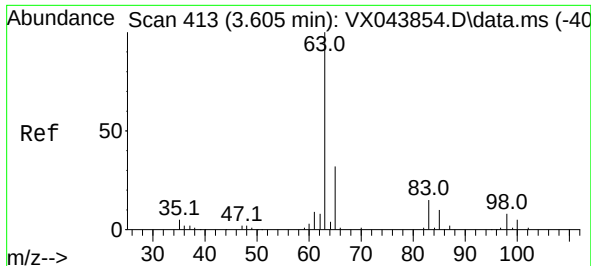
Tgt Ion: 96 Resp: 72179
Ion Ratio Lower Upper
96 100
61 118.9 83.2 154.6
98 64.9 45.4 84.4



#18
Methyl tert-butyl Ether
Concen: 48.832 ug/L
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX043854.D
Acq: 14 Nov 2024 15:45

Tgt Ion: 73 Resp: 247713
Ion Ratio Lower Upper
73 100
43 19.4 15.5 23.3
57 18.9 15.1 22.7





#19

1,1-Dichloroethane

Concen: 48.651 ug/L

RT: 3.605 min Scan# 413

Delta R.T. 0.000 min

Lab File: VX043854.D

Acq: 14 Nov 2024 15:45

Instrument :

MSVOA_X

ClientSampleId :

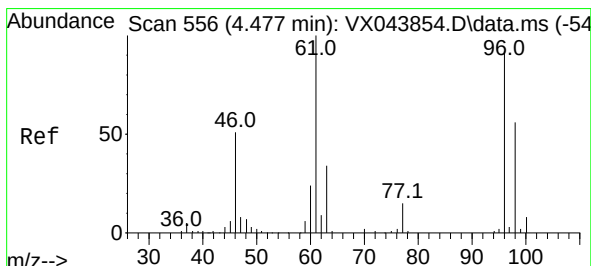
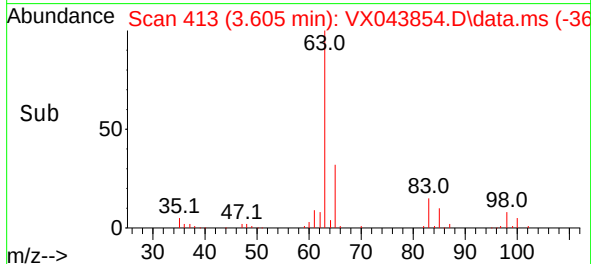
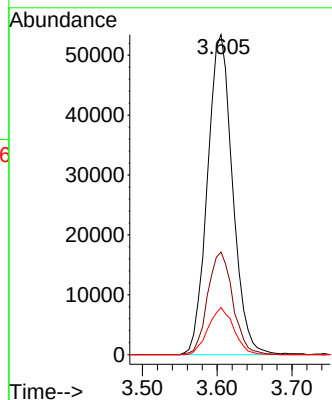
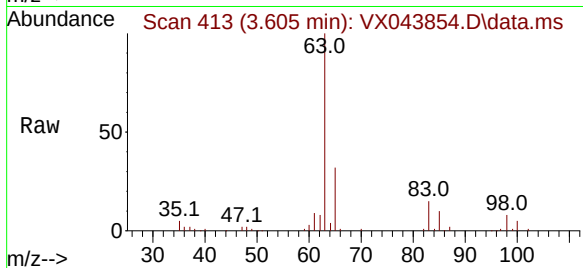
Tgt Ion: 63 Resp: 124833

Ion Ratio Lower Upper

63 100

65 32.0 22.4 41.6

83 14.8 10.4 19.2



#20

cis-1,2-Dichloroethene

Concen: 49.033 ug/L

RT: 4.477 min Scan# 556

Delta R.T. 0.000 min

Lab File: VX043854.D

Acq: 14 Nov 2024 15:45

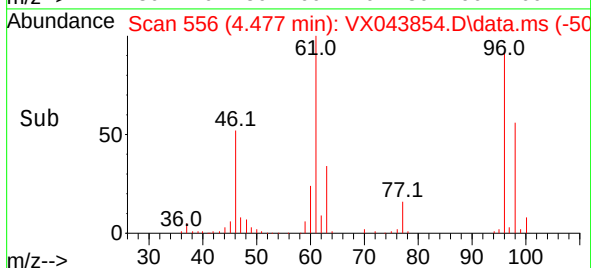
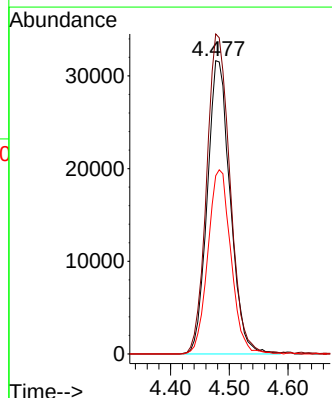
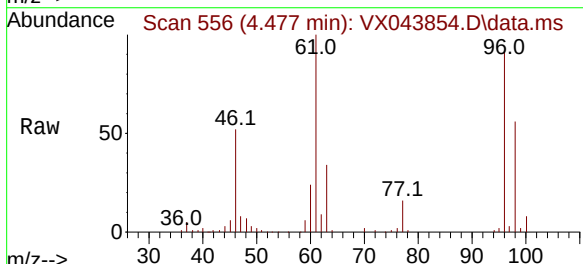
Tgt Ion: 96 Resp: 85629

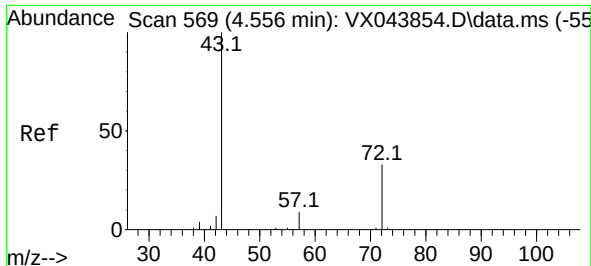
Ion Ratio Lower Upper

96 100

61 109.1 76.4 141.8

98 60.8 42.6 79.0

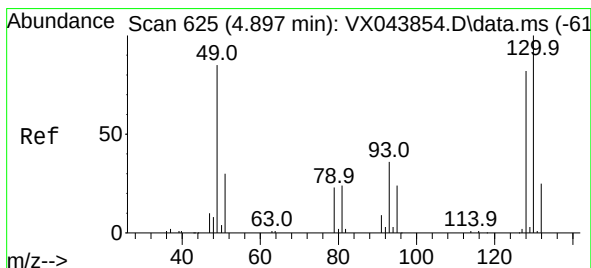
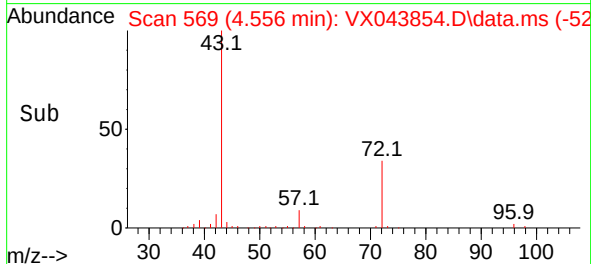
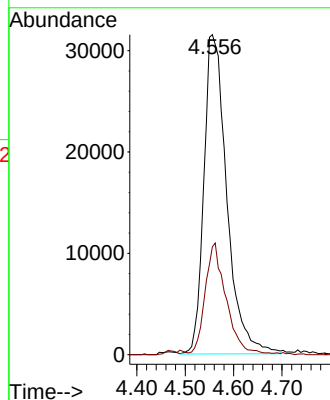
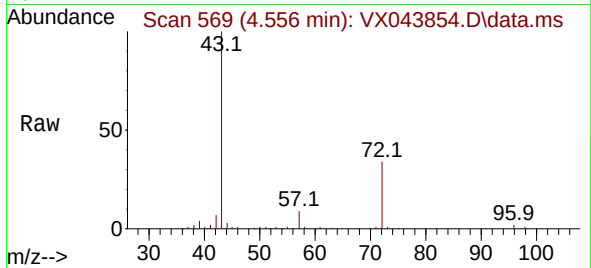




#22
2-Butanone
Concen: 99.058 ug/L
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX043854.D
Acq: 14 Nov 2024 15:45

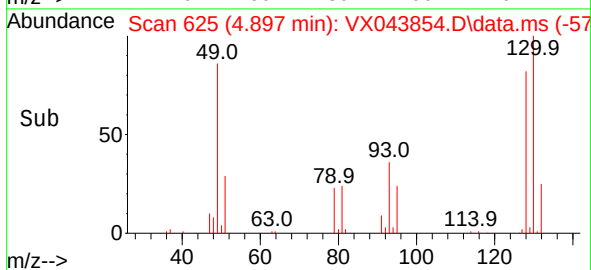
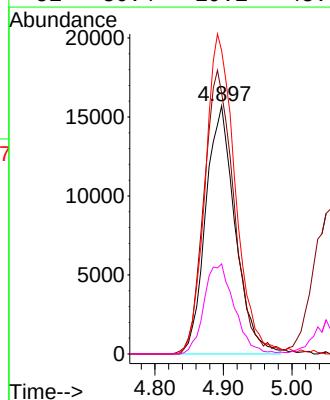
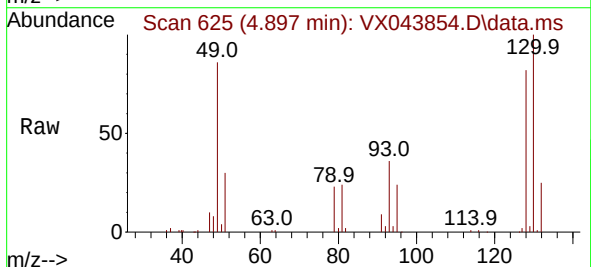
Instrument :
MSVOA_X
ClientSampleId :

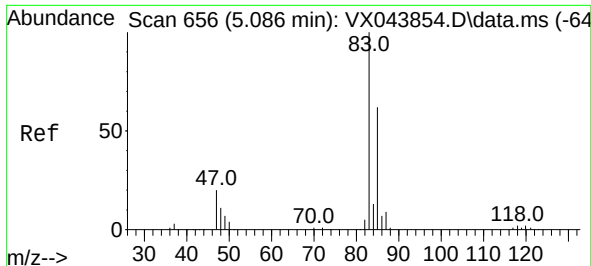
Tgt Ion: 43 Resp: 103771
Ion Ratio Lower Upper
43 100
72 31.9 16.0 47.9



#23
Bromochloromethane
Concen: 50.194 ug/L
RT: 4.897 min Scan# 625
Delta R.T. 0.000 min
Lab File: VX043854.D
Acq: 14 Nov 2024 15:45

Tgt Ion: 128 Resp: 47107
Ion Ratio Lower Upper
128 100
49 105.2 73.6 136.8
130 122.4 85.7 159.1
51 36.4 29.1 43.7





#25

Chloroform

Concen: 49.845 ug/L

RT: 5.086 min Scan# 656

Delta R.T. 0.000 min

Lab File: VX043854.D

Acq: 14 Nov 2024 15:45

Instrument :

MSVOA_X

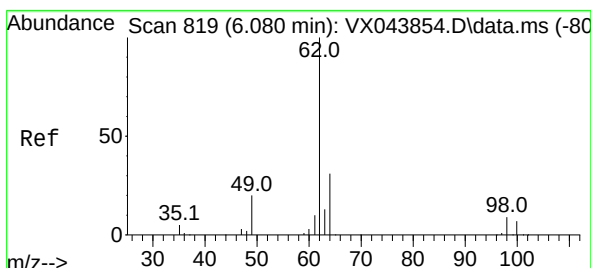
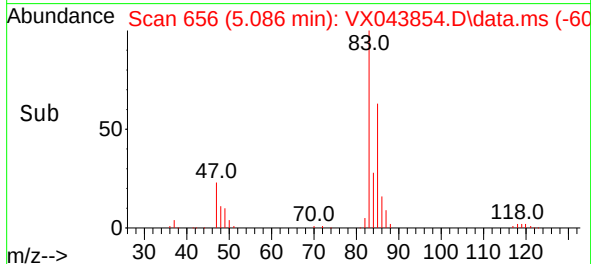
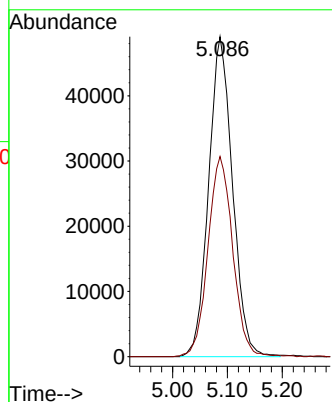
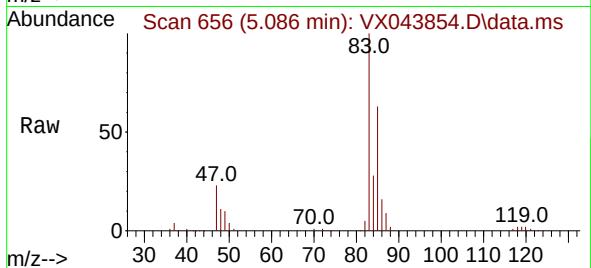
ClientSampleId :

Tgt Ion: 83 Resp: 148190

Ion Ratio Lower Upper

83 100

85 62.5 43.8 81.3



#27

1,2-Dichloroethane

Concen: 49.442 ug/L

RT: 6.080 min Scan# 819

Delta R.T. 0.000 min

Lab File: VX043854.D

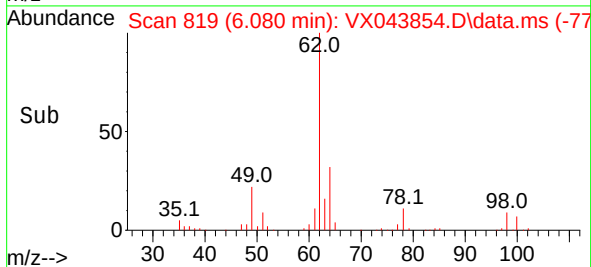
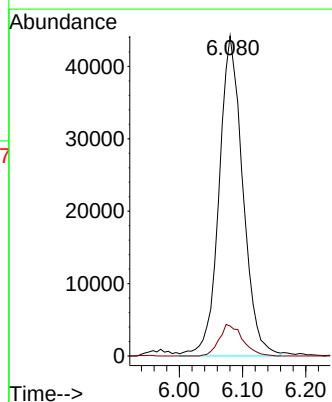
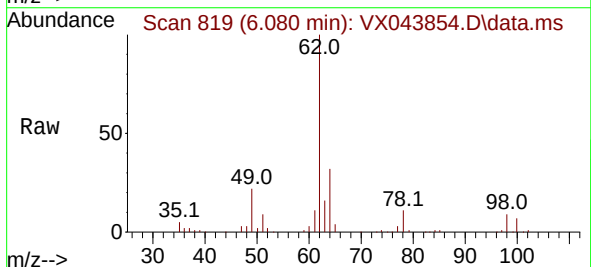
Acq: 14 Nov 2024 15:45

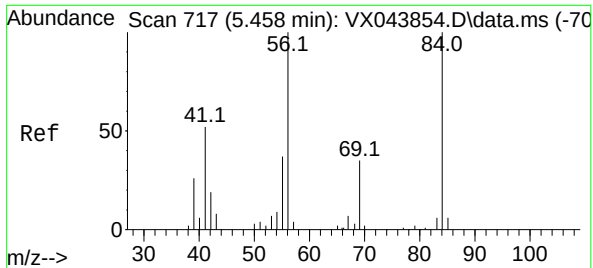
Tgt Ion: 62 Resp: 115249

Ion Ratio Lower Upper

62 100

98 9.4 7.5 11.3





#29

Cyclohexane

Concen: 48.425 ug/L

RT: 5.458 min Scan# 717

Delta R.T. 0.000 min

Lab File: VX043854.D

Acq: 14 Nov 2024 15:45

Instrument :

MSVOA_X

ClientSampleId :

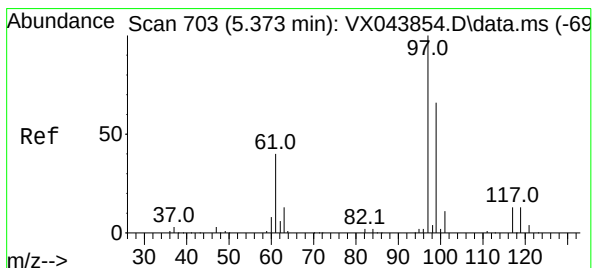
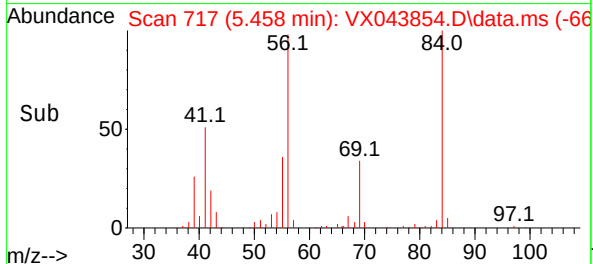
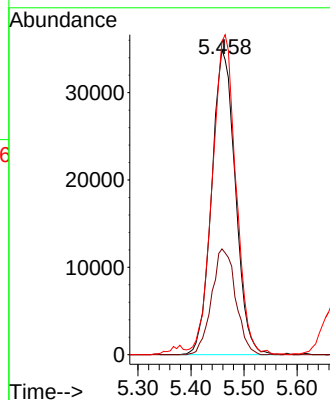
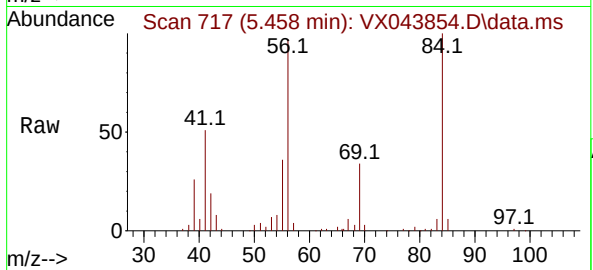
Tgt Ion: 56 Resp: 108283

Ion Ratio Lower Upper

56 100

69 35.2 28.2 42.2

84 104.2 83.4 125.0



#30

1,1,1-Trichloroethane

Concen: 49.858 ug/L

RT: 5.373 min Scan# 703

Delta R.T. 0.000 min

Lab File: VX043854.D

Acq: 14 Nov 2024 15:45

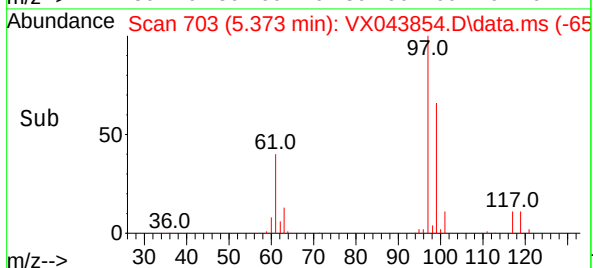
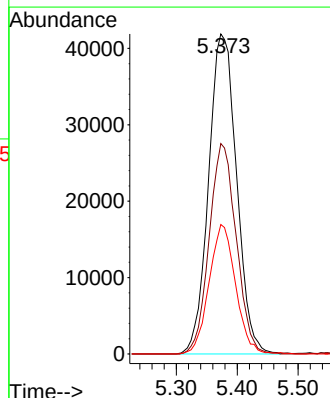
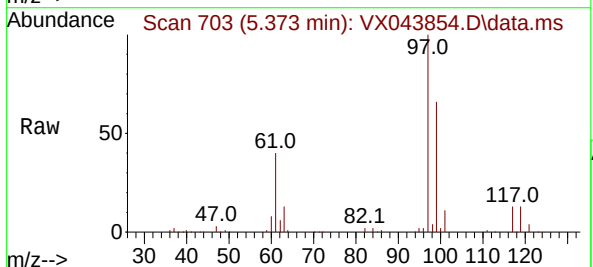
Tgt Ion: 97 Resp: 133706

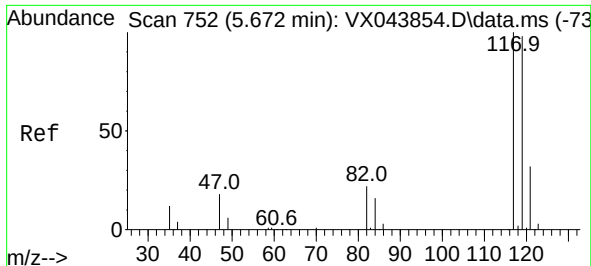
Ion Ratio Lower Upper

97 100

99 63.5 50.8 76.2

61 38.2 30.6 45.8

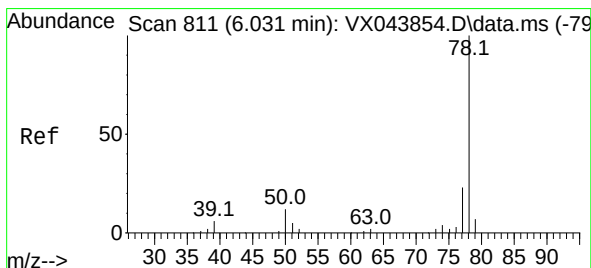
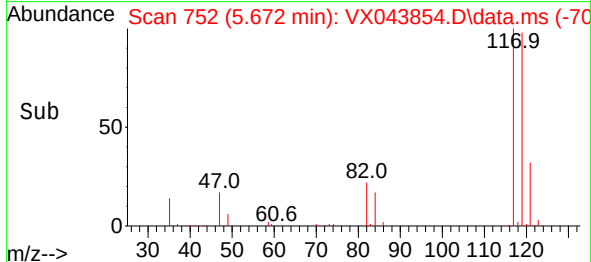
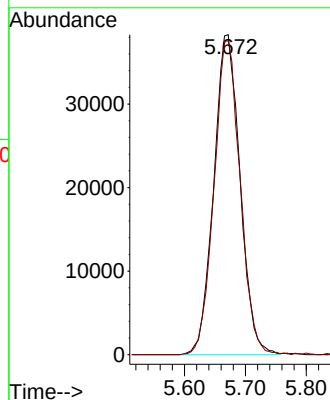
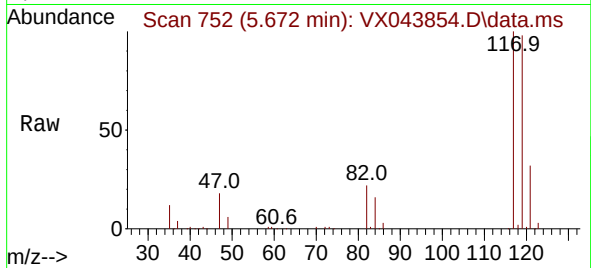




#31
Carbon tetrachloride
Concen: 49.600 ug/L
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX043854.D
Acq: 14 Nov 2024 15:45

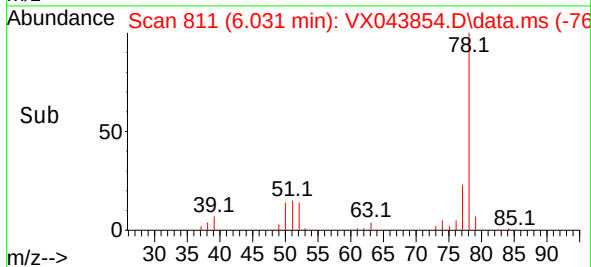
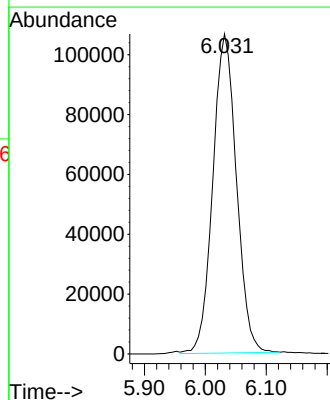
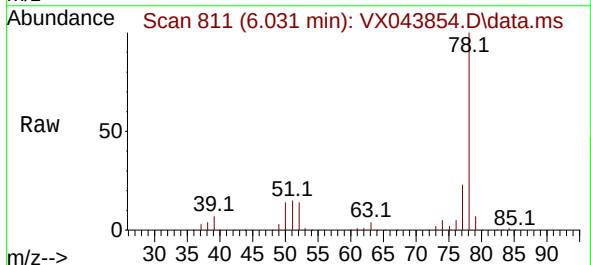
Instrument :
MSVOA_X
ClientSampleId :

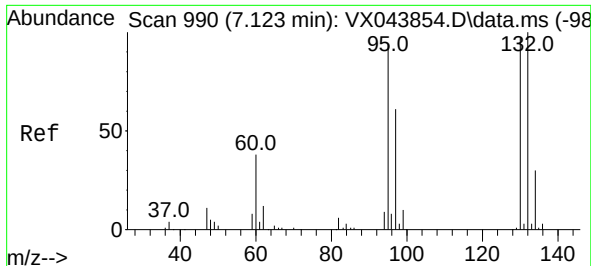
Tgt Ion:117 Resp: 114777
Ion Ratio Lower Upper
117 100
119 97.5 78.0 117.0



#33
Benzene
Concen: 48.897 ug/L
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX043854.D
Acq: 14 Nov 2024 15:45

Tgt Ion: 78 Resp: 287055





#34

Trichloroethene

Concen: 43.806 ug/L

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

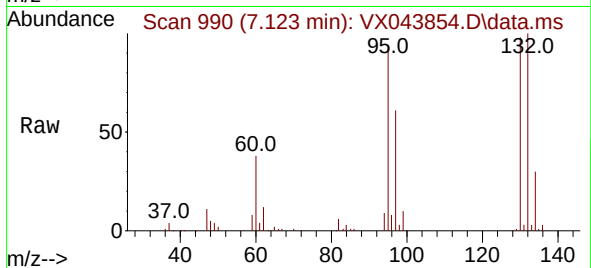
Lab File: VX043854.D

Acq: 14 Nov 2024 15:45

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 95 Resp: 85365

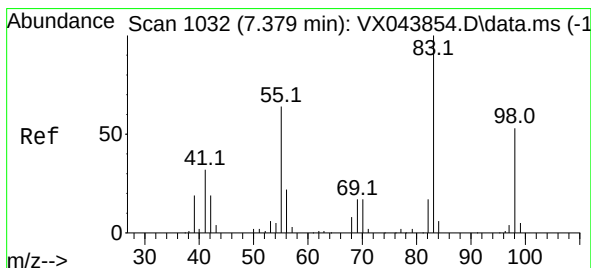
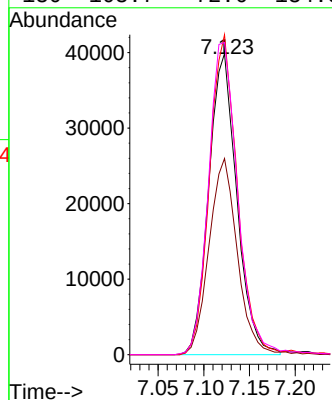
Ion Ratio Lower Upper

95 100

97 65.1 45.6 84.6

132 106.3 74.4 138.2

130 103.7 72.6 134.8



#35

Methylcyclohexane

Concen: 48.592 ug/L

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX043854.D

Acq: 14 Nov 2024 15:45

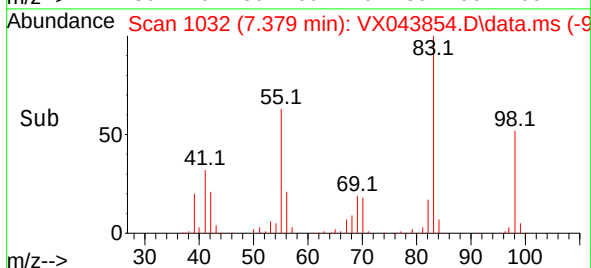
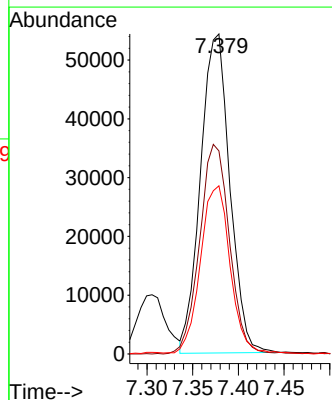
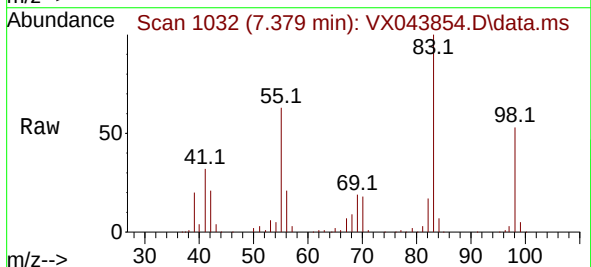
Tgt Ion: 83 Resp: 121023

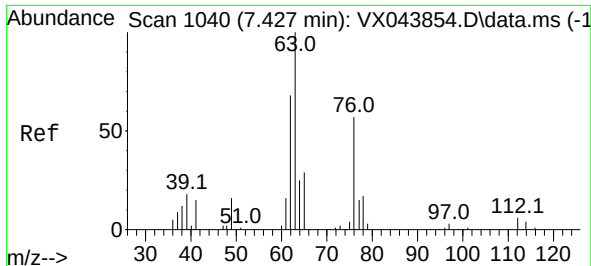
Ion Ratio Lower Upper

83 100

55 66.9 53.5 80.3

98 53.8 43.0 64.6

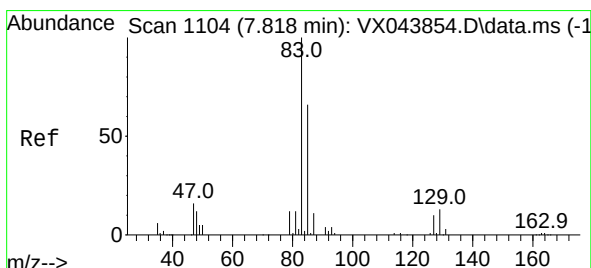
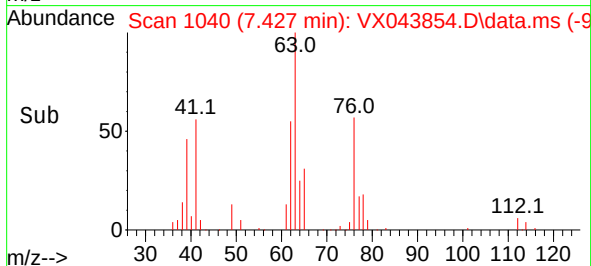
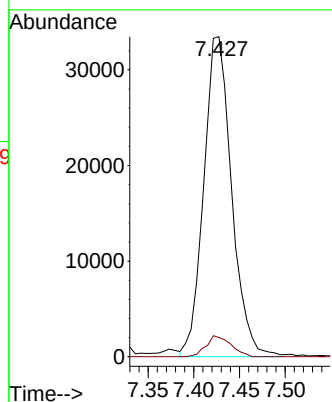
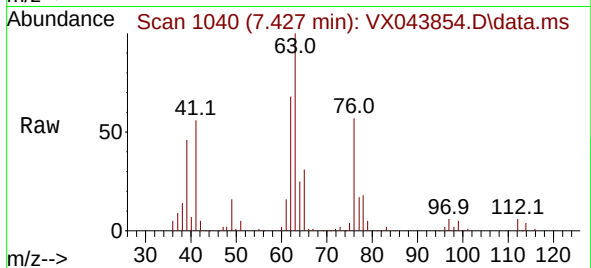




#37
1,2-Dichloropropane
Concen: 49.576 ug/L
RT: 7.427 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX043854.D
Acq: 14 Nov 2024 15:45

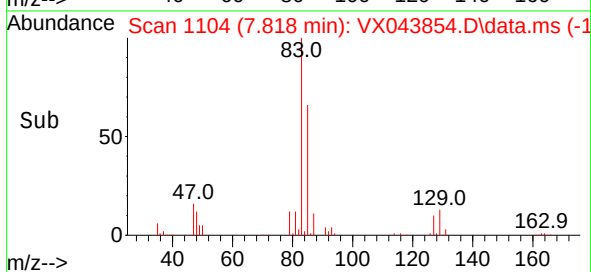
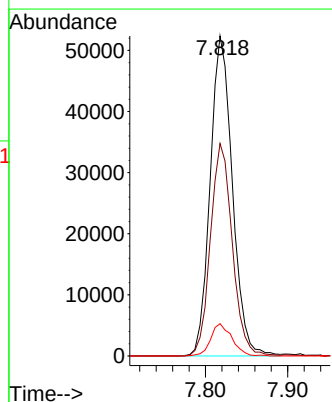
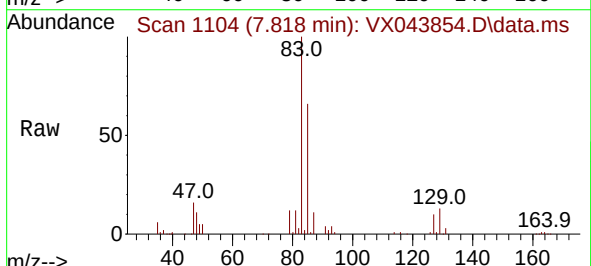
Instrument :
MSVOA_X
ClientSampleId :

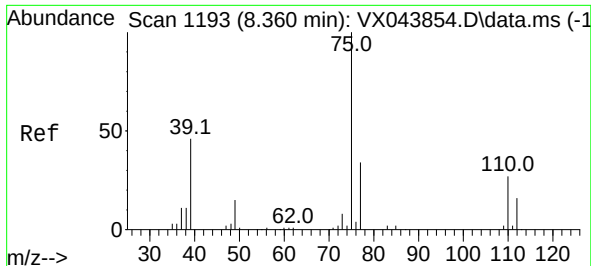
Tgt Ion: 63 Resp: 71010
Ion Ratio Lower Upper
63 100
112 5.8 4.6 7.0



#38
Bromodichloromethane
Concen: 49.504 ug/L
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX043854.D
Acq: 14 Nov 2024 15:45

Tgt Ion: 83 Resp: 98357
Ion Ratio Lower Upper
83 100
85 66.4 46.5 86.3
127 10.1 8.1 12.1

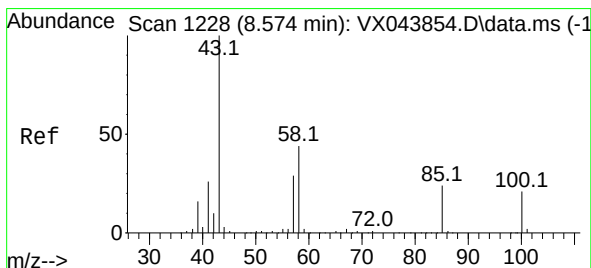
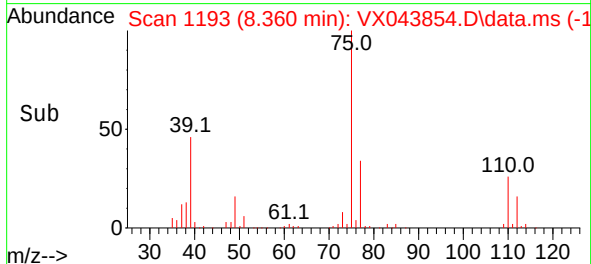
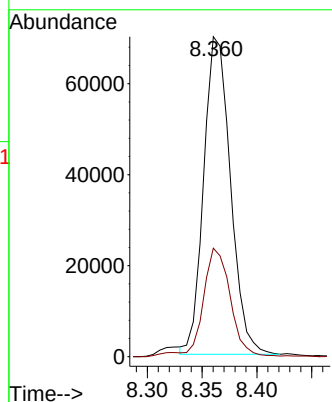
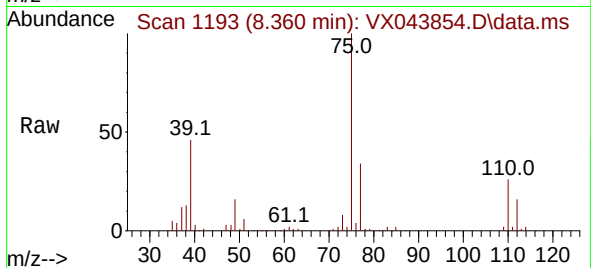




#39
 cis-1,3-Dichloropropene
 Concen: 48.999 ug/L
 RT: 8.360 min Scan# 1193
 Delta R.T. 0.000 min
 Lab File: VX043854.D
 Acq: 14 Nov 2024 15:45

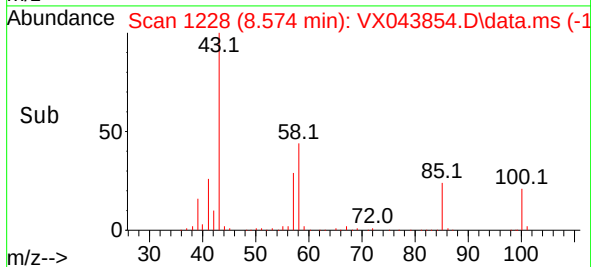
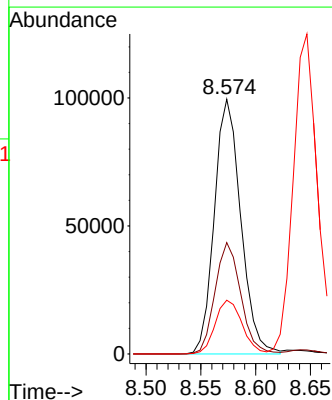
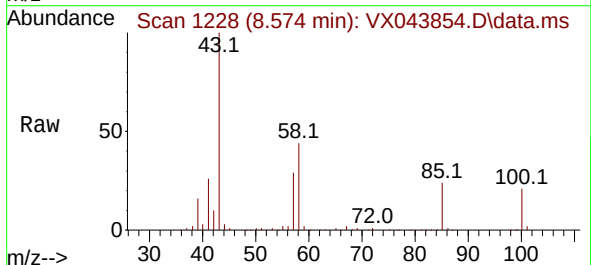
Instrument :
 MSVOA_X
 ClientSampleId :

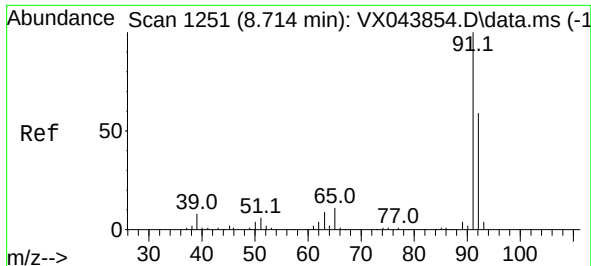
Tgt Ion: 75 Resp: 118809
 Ion Ratio Lower Upper
 75 100
 77 33.9 23.7 44.1



#40
 4-Methyl-2-pentanone
 Concen: 97.844 ug/L
 RT: 8.574 min Scan# 1228
 Delta R.T. 0.000 min
 Lab File: VX043854.D
 Acq: 14 Nov 2024 15:45

Tgt Ion: 43 Resp: 167166
 Ion Ratio Lower Upper
 43 100
 58 42.5 34.0 51.0
 100 21.5 17.2 25.8





#42

Toluene

Concen: 50.558 ug/L

RT: 8.714 min Scan# 1251

Delta R.T. 0.000 min MSVOA_X

Lab File: VX043854.D

Acq: 14 Nov 2024 15:45

Instrument :

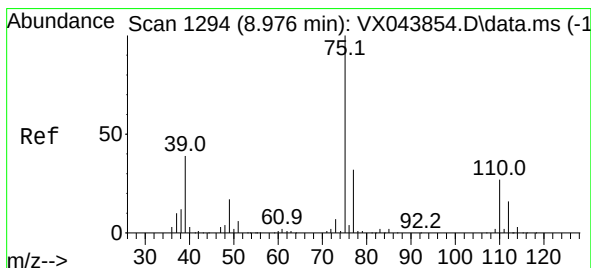
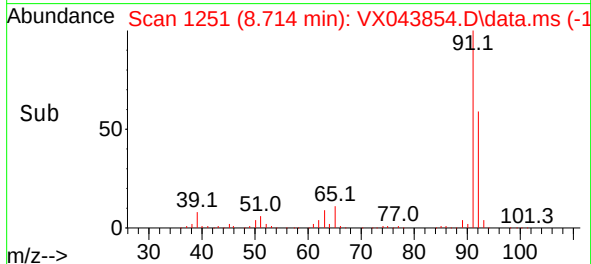
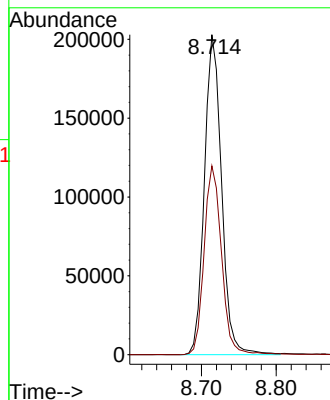
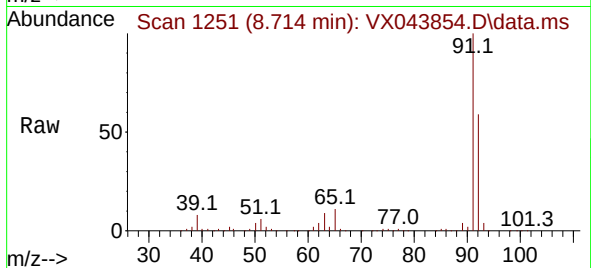
ClientSampleId :

Tgt Ion: 91 Resp: 323895

Ion Ratio Lower Upper

91 100

92 59.0 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 51.473 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX043854.D

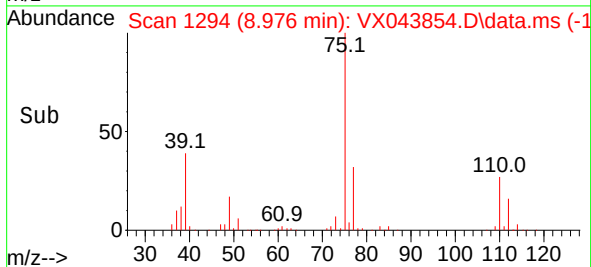
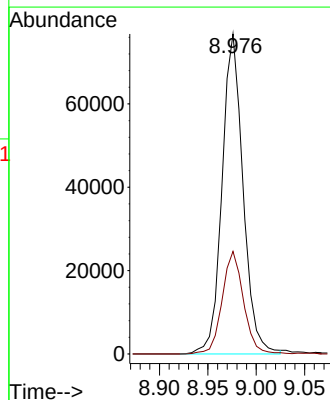
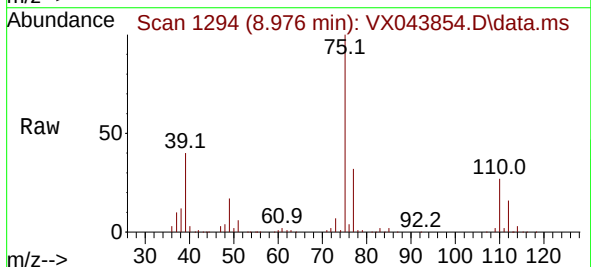
Acq: 14 Nov 2024 15:45

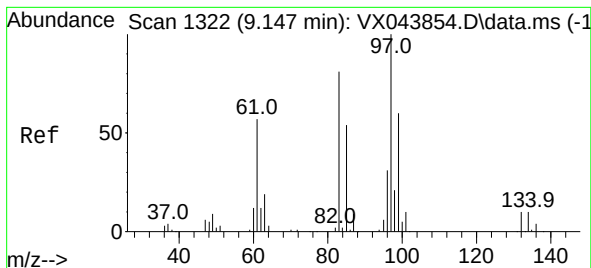
Tgt Ion: 75 Resp: 115765

Ion Ratio Lower Upper

75 100

77 32.1 22.5 41.7





#45

1,1,2-Trichloroethane

Concen: 48.999 ug/L

RT: 9.147 min Scan# 1322

Delta R.T. 0.000 min

Lab File: VX043854.D

Acq: 14 Nov 2024 15:45

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 80873

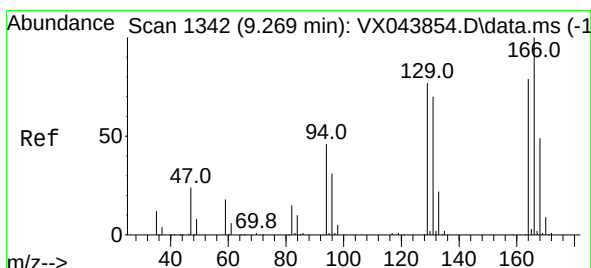
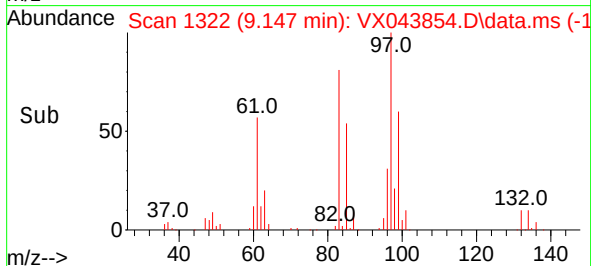
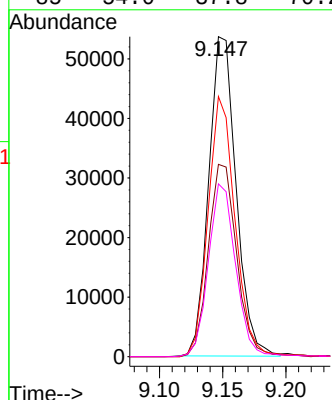
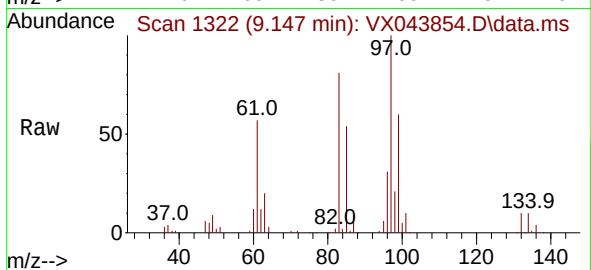
Ion Ratio Lower Upper

97 100

99 60.1 42.1 78.1

83 81.3 56.9 105.7

85 54.0 37.8 70.2



#46

Tetrachloroethene

Concen: 49.459 ug/L

RT: 9.269 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VX043854.D

Acq: 14 Nov 2024 15:45

Tgt Ion:164 Resp: 69329

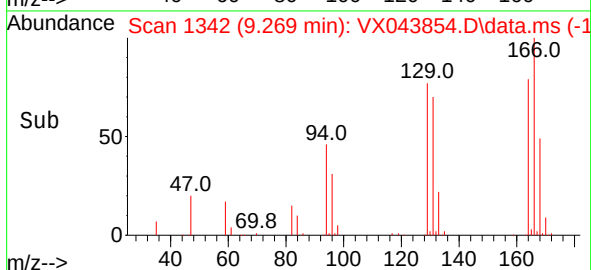
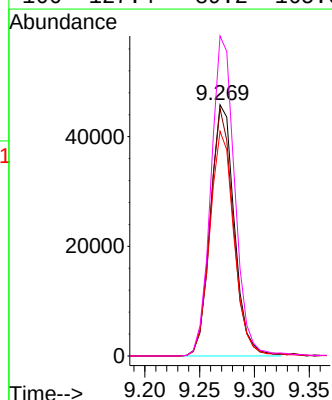
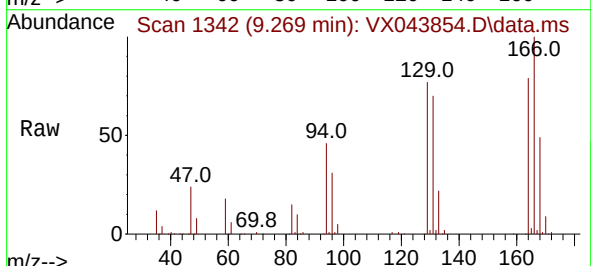
Ion Ratio Lower Upper

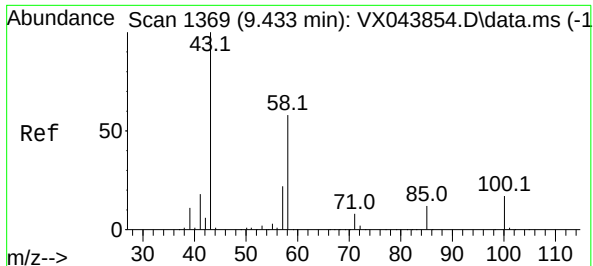
164 100

129 98.4 68.9 127.9

131 89.4 62.6 116.2

166 127.4 89.2 165.6



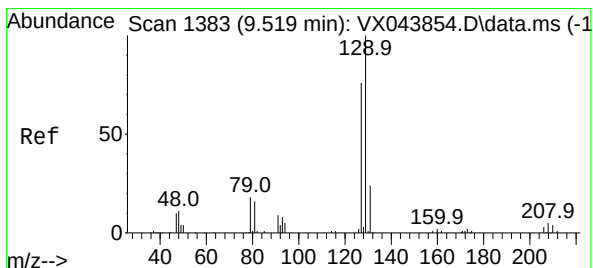
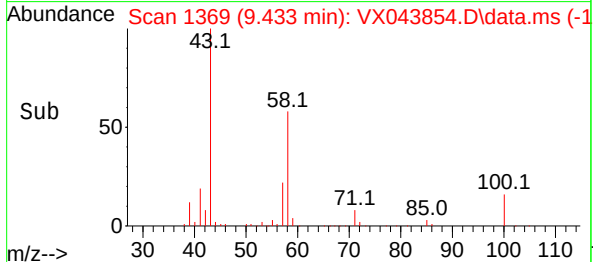
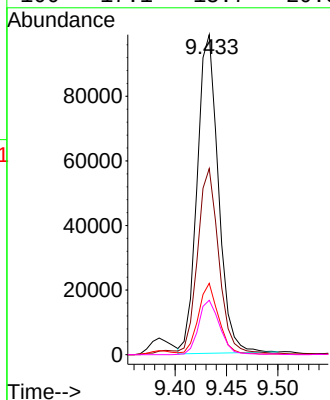
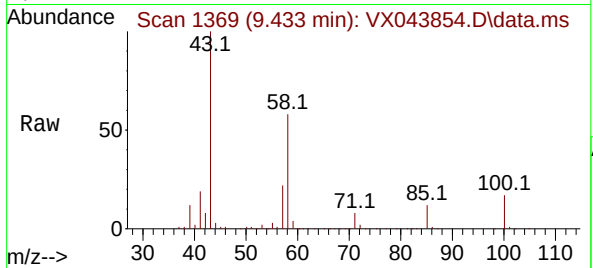


#48
2-Hexanone
Concen: 102.110 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX043854.D
Acq: 14 Nov 2024 15:45

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 141869

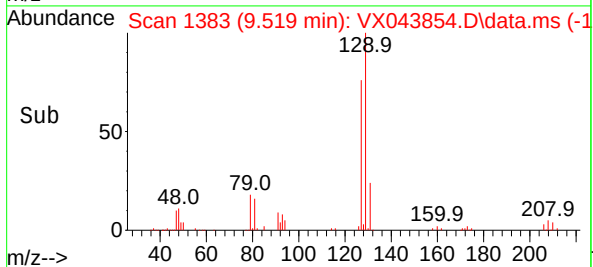
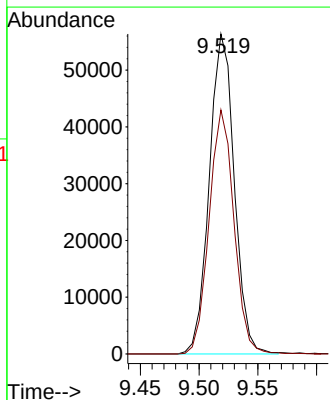
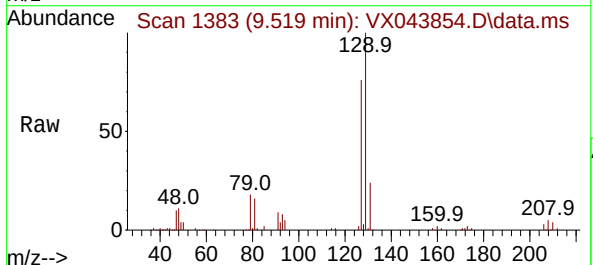
Ion	Ratio	Lower	Upper
43	100		
58	59.7	47.8	71.6
57	20.7	16.6	24.8
100	17.1	13.7	20.5

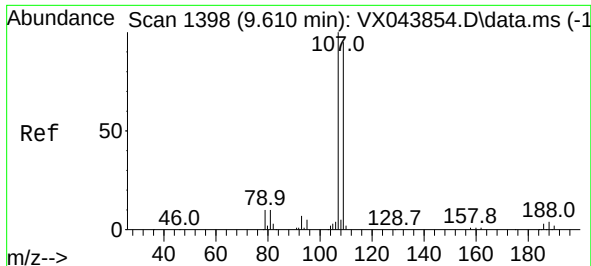


#49
Dibromochloromethane
Concen: 51.447 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX043854.D
Acq: 14 Nov 2024 15:45

Tgt Ion: 129 Resp: 83511

Ion	Ratio	Lower	Upper
129	100		
127	76.2	53.3	99.1





#50

1,2-Dibromoethane

Concen: 50.089 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX043854.D

Acq: 14 Nov 2024 15:45

Instrument :

MSVOA_X

ClientSampleId :

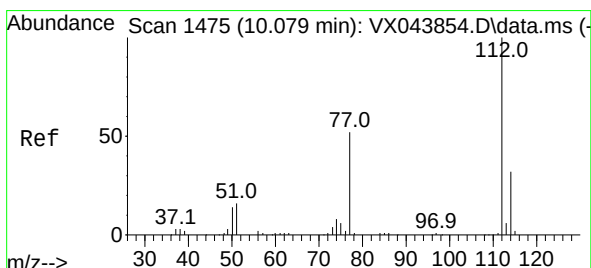
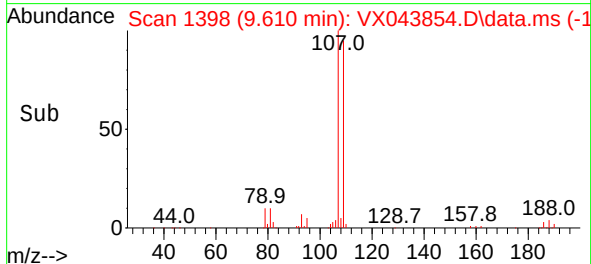
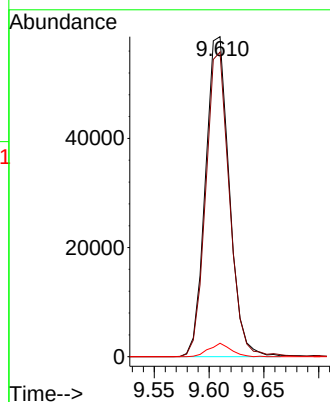
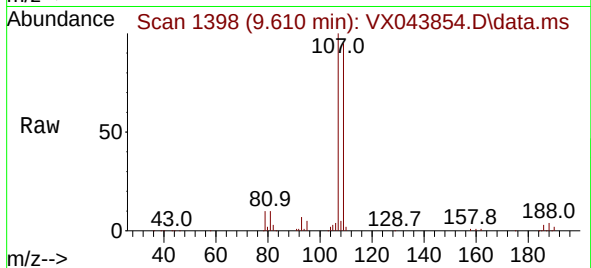
Tgt Ion:107 Resp: 88883

Ion Ratio Lower Upper

107 100

109 95.2 66.6 123.8

188 4.2 3.4 5.0



#51

Chlorobenzene

Concen: 49.377 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX043854.D

Acq: 14 Nov 2024 15:45

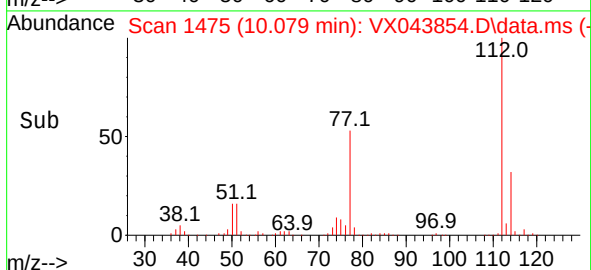
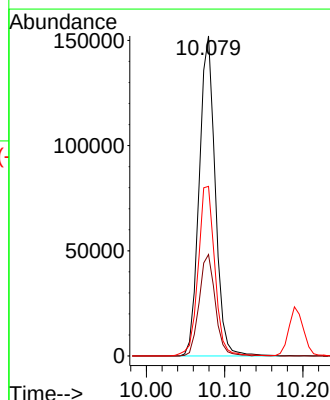
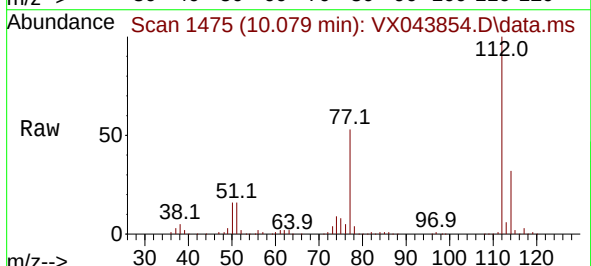
Tgt Ion:112 Resp: 216116

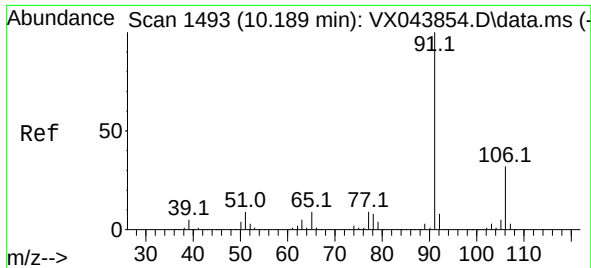
Ion Ratio Lower Upper

112 100

114 31.7 22.2 41.2

77 53.0 42.4 63.6

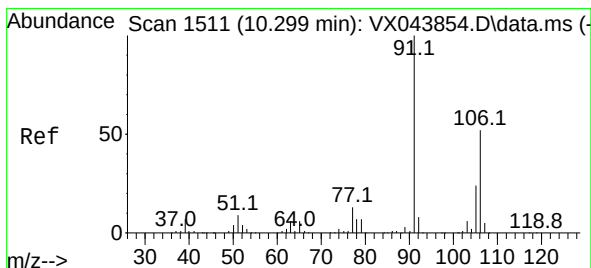
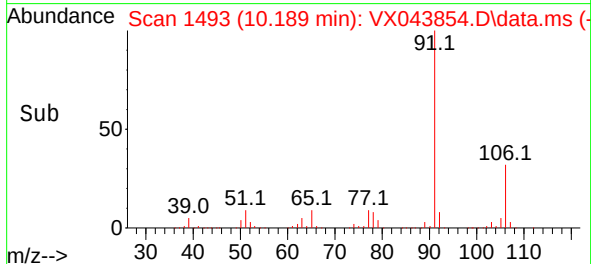
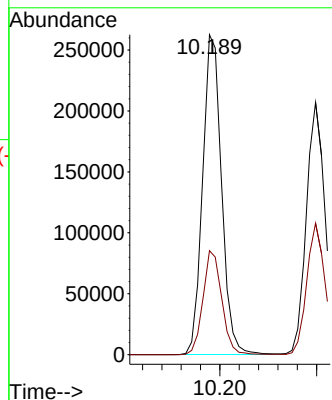
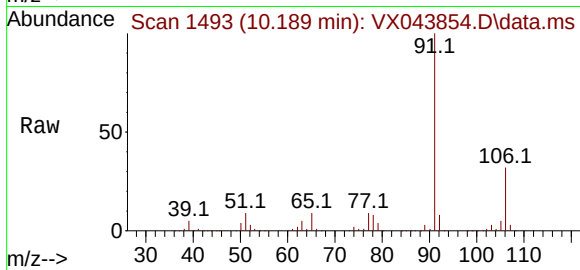




#52
Ethylbenzene
Concen: 51.002 ug/L
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX043854.D
Acq: 14 Nov 2024 15:45

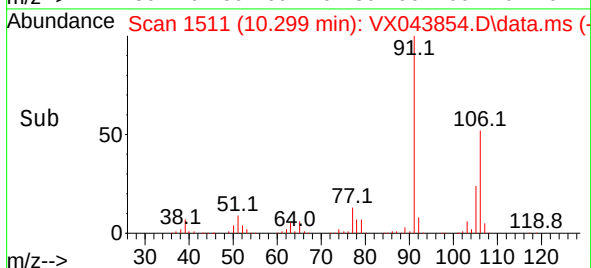
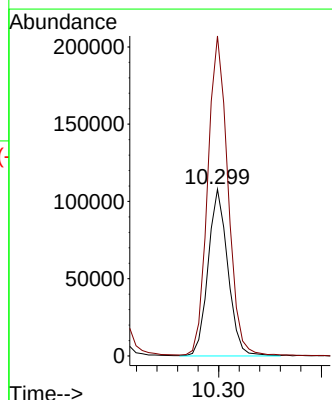
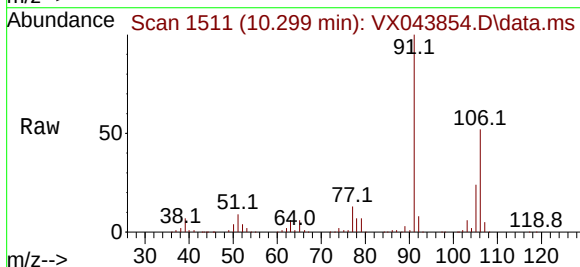
Instrument :
MSVOA_X
ClientSampleId :

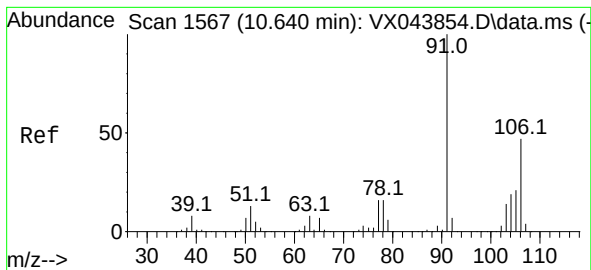
Tgt Ion: 91 Resp: 357445
Ion Ratio Lower Upper
91 100
106 32.5 22.7 42.3



#53
m,p-Xylene
Concen: 51.124 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX043854.D
Acq: 14 Nov 2024 15:45

Tgt Ion: 106 Resp: 144039
Ion Ratio Lower Upper
106 100
91 191.9 134.3 249.5





#54

o-Xylene

Concen: 50.526 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX043854.D

Acq: 14 Nov 2024 15:45

Instrument :

MSVOA_X

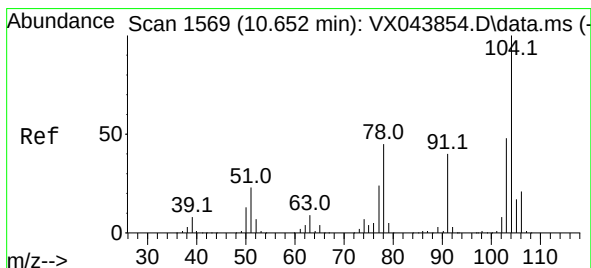
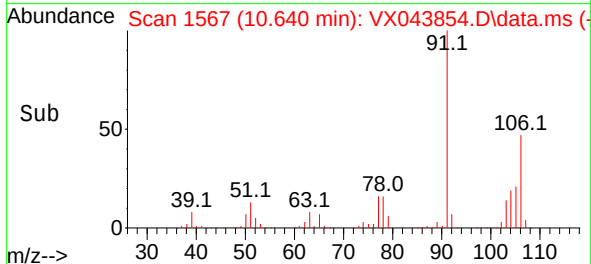
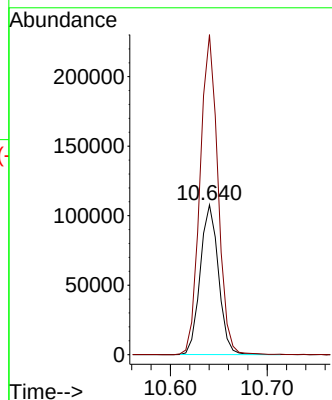
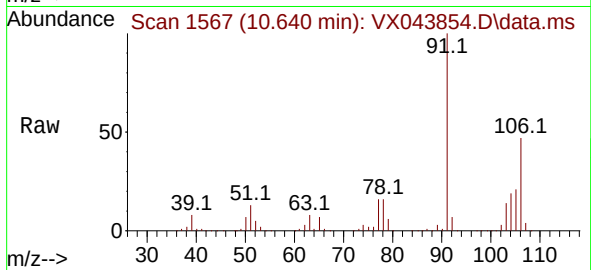
ClientSampleId :

Tgt Ion:106 Resp: 141732

Ion Ratio Lower Upper

106 100

91 213.8 149.7 277.9



#55

Styrene

Concen: 51.461 ug/L

RT: 10.652 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX043854.D

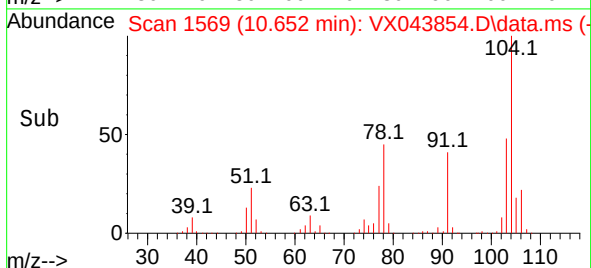
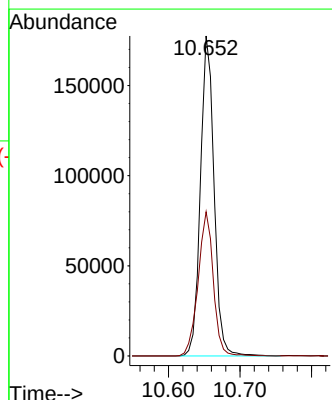
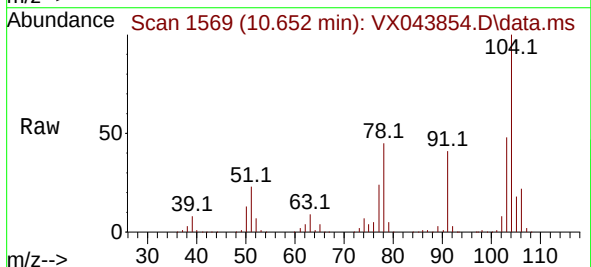
Acq: 14 Nov 2024 15:45

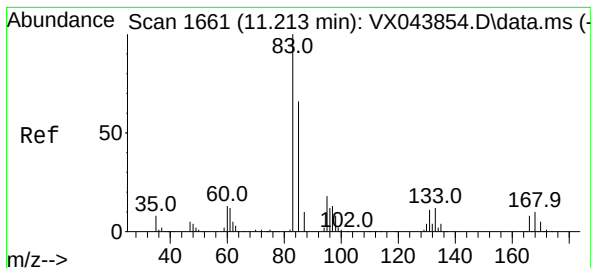
Tgt Ion:104 Resp: 234956

Ion Ratio Lower Upper

104 100

78 45.1 31.6 58.6





#57

1,1,2,2-Tetrachloroethane

Concen: 49.791 ug/L

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX043854.D

Acq: 14 Nov 2024 15:45

Instrument :

MSVOA_X

ClientSampleId :

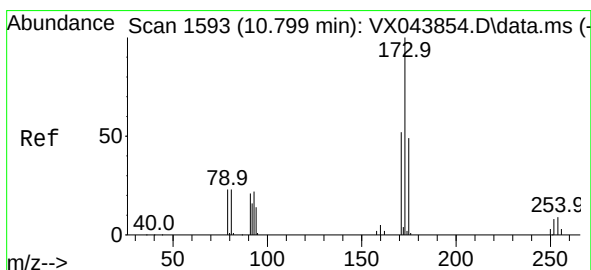
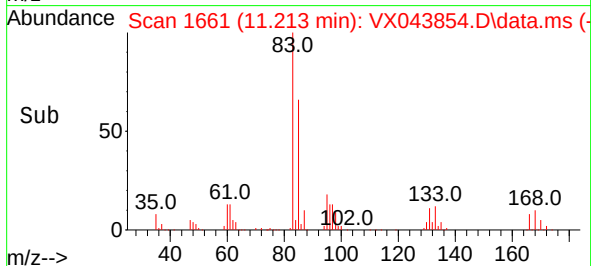
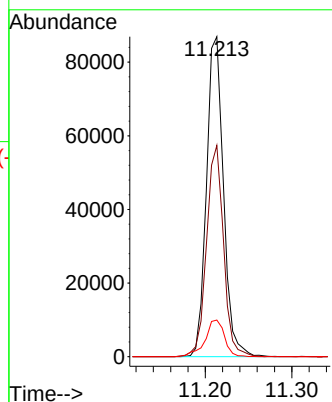
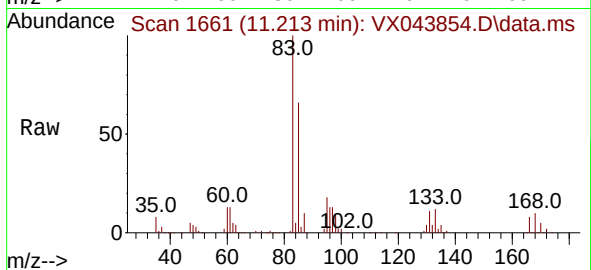
Tgt Ion: 83 Resp: 118526

Ion Ratio Lower Upper

83 100

85 66.0 46.2 85.8

131 11.5 9.2 13.8



#59

Bromoform

Concen: 49.424 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX043854.D

Acq: 14 Nov 2024 15:45

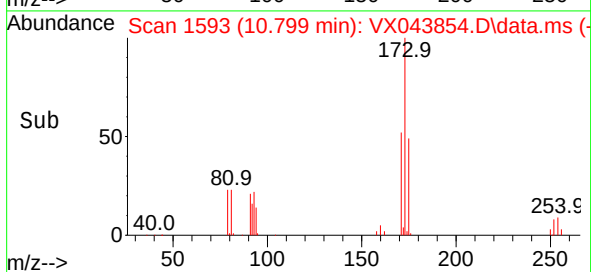
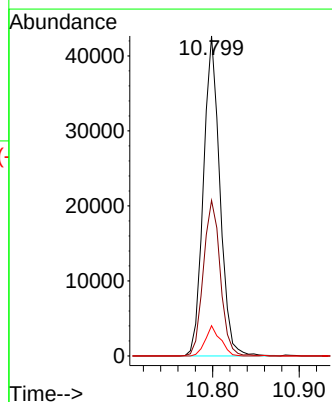
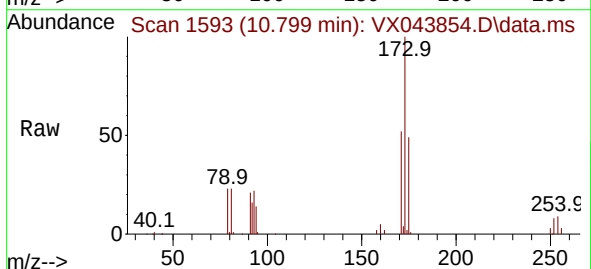
Tgt Ion:173 Resp: 56318

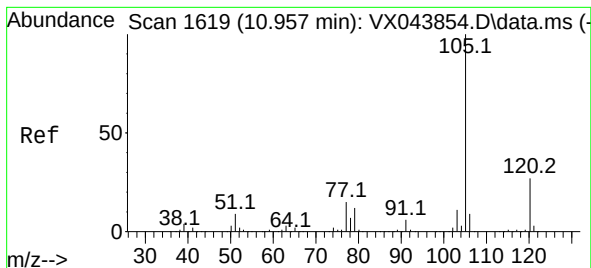
Ion Ratio Lower Upper

173 100

175 50.0 40.0 60.0

254 8.7 7.0 10.4





#60

Isopropylbenzene

Concen: 49.686 ug/L

RT: 10.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX043854.D

Acq: 14 Nov 2024 15:45

Instrument :

MSVOA_X

ClientSampleId :

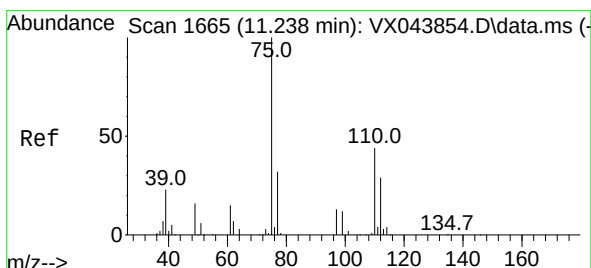
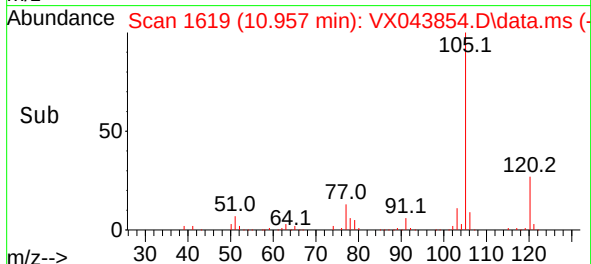
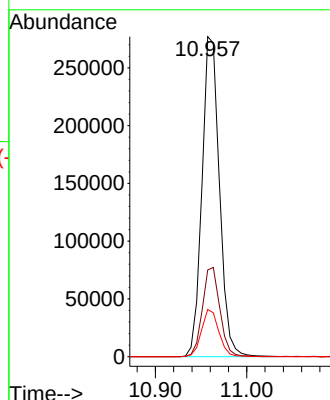
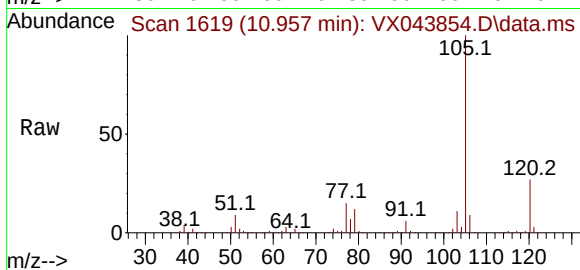
Tgt Ion:105 Resp: 367747

Ion Ratio Lower Upper

105 100

120 28.0 22.4 33.6

77 14.6 11.7 17.5



#61

1,2,3-Trichloropropane

Concen: 47.795 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX043854.D

Acq: 14 Nov 2024 15:45

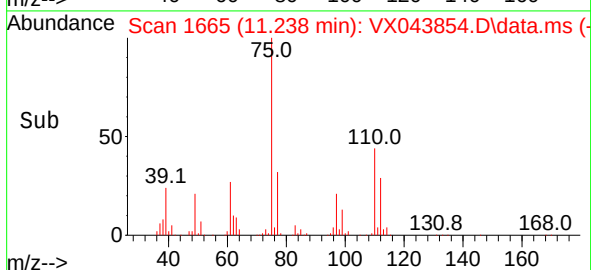
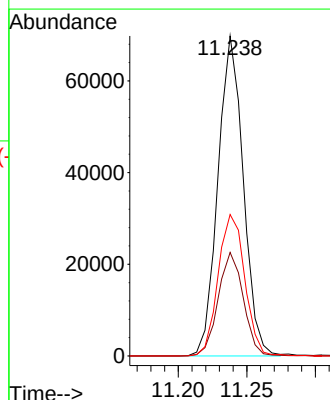
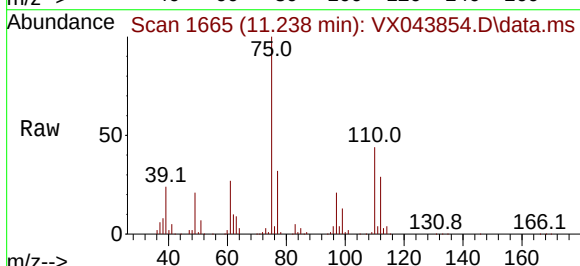
Tgt Ion: 75 Resp: 89708

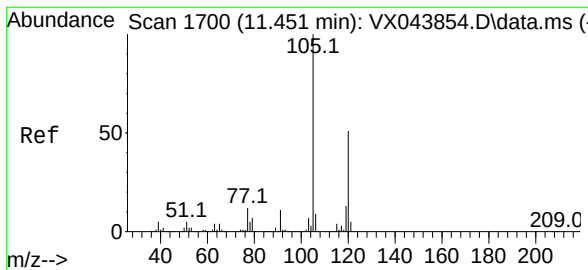
Ion Ratio Lower Upper

75 100

77 32.1 25.7 38.5

110 46.3 37.0 55.6

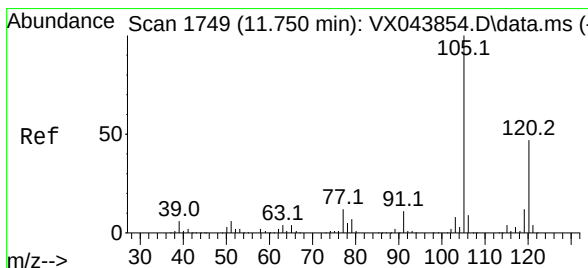
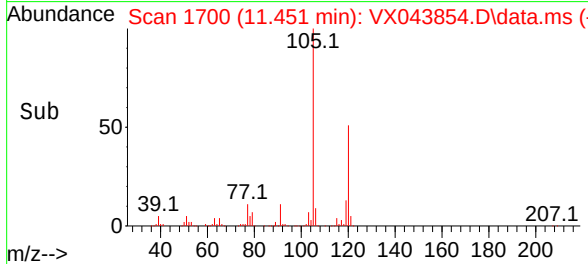
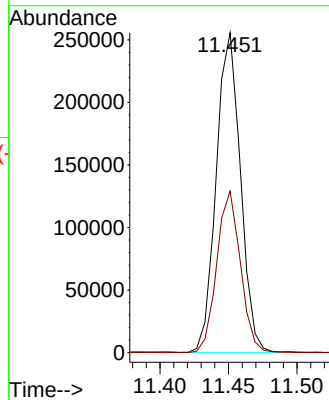
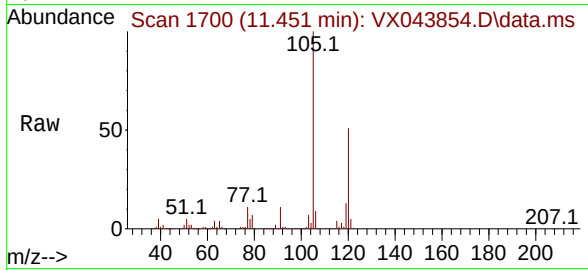




#62
 1,3,5-Trimethylbenzene
 Concen: 50.329 ug/L
 RT: 11.451 min Scan# 1700
 Delta R.T. 0.000 min
 Lab File: VX043854.D
 Acq: 14 Nov 2024 15:45

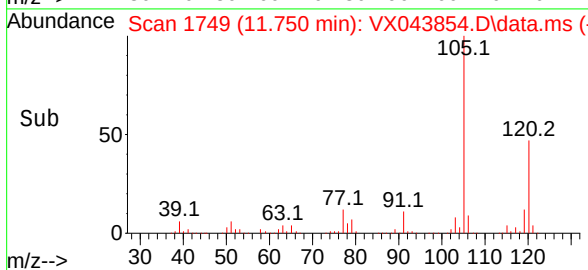
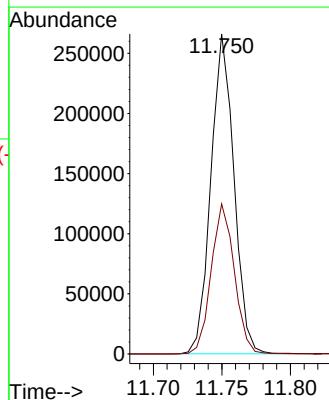
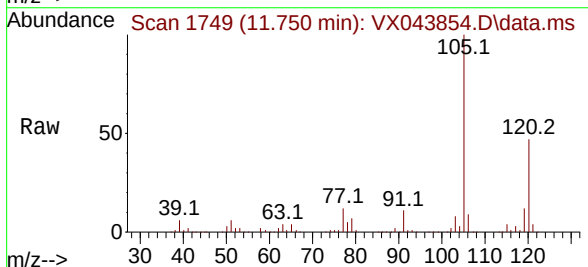
Instrument :
 MSVOA_X
 ClientSampleId :

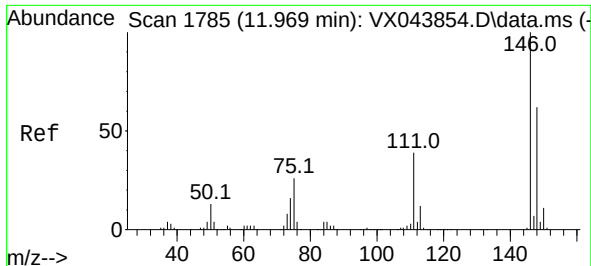
Tgt Ion:105 Resp: 313688
 Ion Ratio Lower Upper
 105 100
 120 49.5 39.6 59.4



#63
 1,2,4-Trimethylbenzene
 Concen: 50.150 ug/L
 RT: 11.750 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VX043854.D
 Acq: 14 Nov 2024 15:45

Tgt Ion:105 Resp: 311164
 Ion Ratio Lower Upper
 105 100
 120 47.0 37.6 56.4

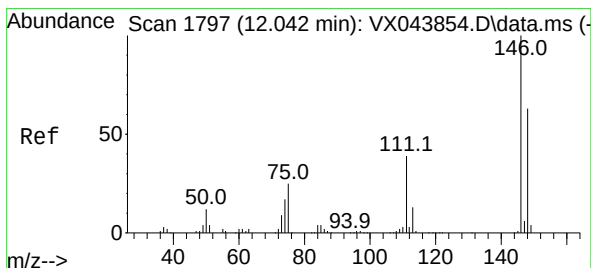
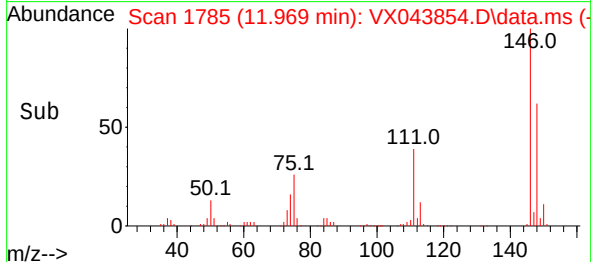
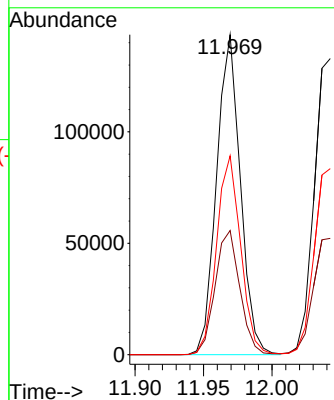
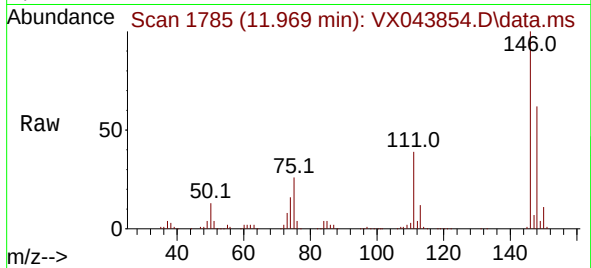




#64
1,3-Dichlorobenzene
Concen: 49.296 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX043854.D
Acq: 14 Nov 2024 15:45

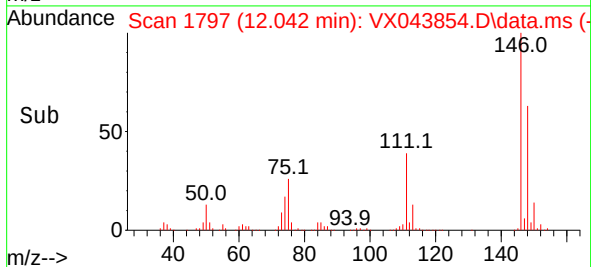
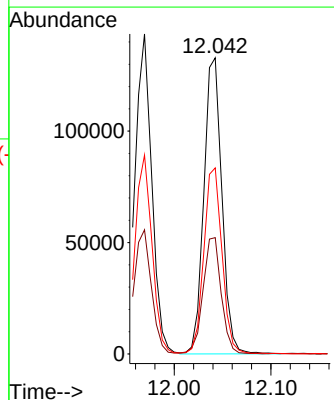
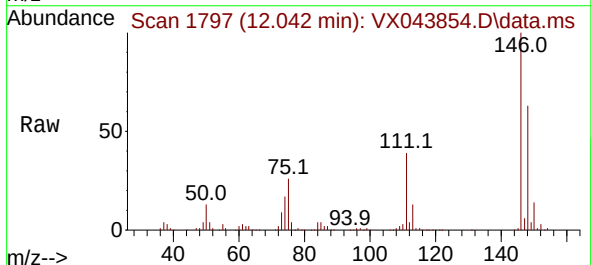
Instrument :
MSVOA_X
ClientSampleId :

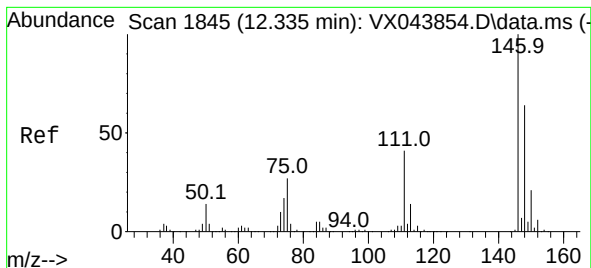
Tgt Ion:146 Resp: 173334
Ion Ratio Lower Upper
146 100
111 38.8 27.2 50.4
148 62.1 43.5 80.7



#65
1,4-Dichlorobenzene
Concen: 49.160 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX043854.D
Acq: 14 Nov 2024 15:45

Tgt Ion:146 Resp: 172643
Ion Ratio Lower Upper
146 100
111 39.3 27.5 51.1
148 62.9 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 48.870 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX043854.D

Acq: 14 Nov 2024 15:45

Instrument :

MSVOA_X

ClientSampleId :

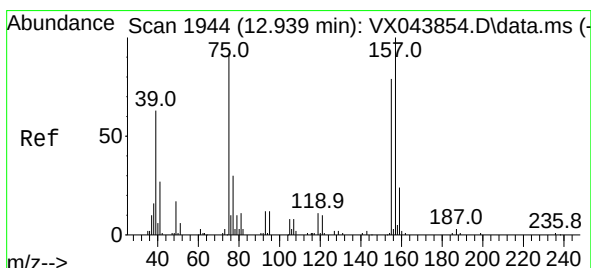
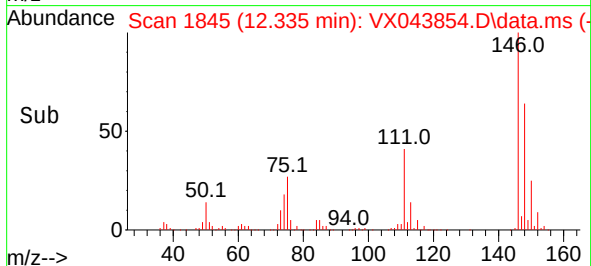
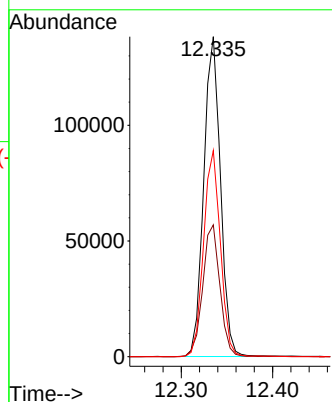
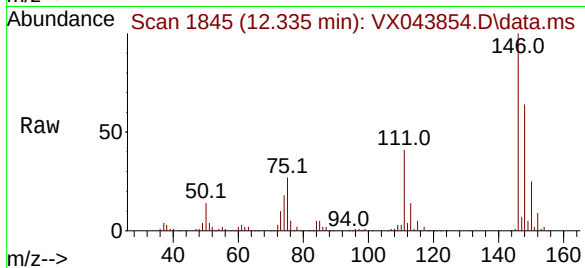
Tgt Ion:146 Resp: 175214

Ion Ratio Lower Upper

146 100

111 41.2 33.0 49.4

148 64.4 51.5 77.3



#68

1,2-Dibromo-3-chloropropane

Concen: 52.335 ug/L

RT: 12.939 min Scan# 1944

Delta R.T. 0.000 min

Lab File: VX043854.D

Acq: 14 Nov 2024 15:45

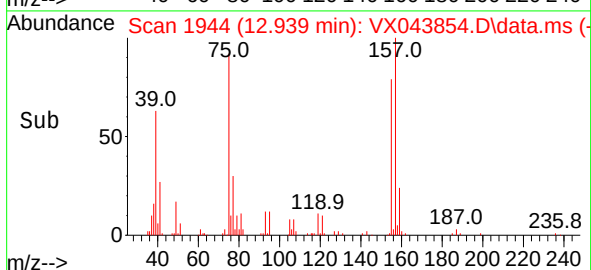
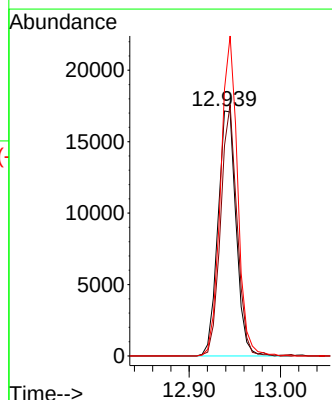
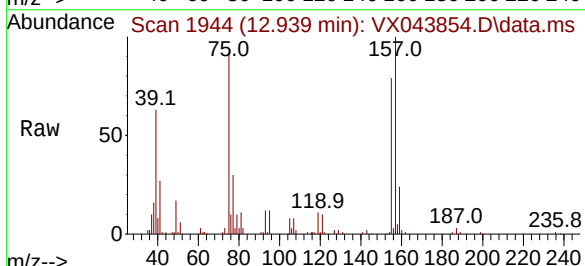
Tgt Ion: 75 Resp: 23739

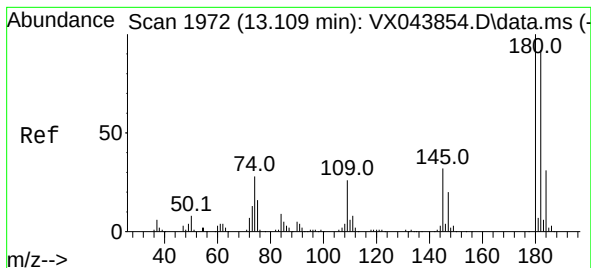
Ion Ratio Lower Upper

75 100

155 85.9 68.7 103.1

157 109.0 87.2 130.8





#69

1,3,5-Trichlorobenzene

Concen: 50.043 ug/L

RT: 13.109 min Scan# 1772

Delta R.T. 0.000 min

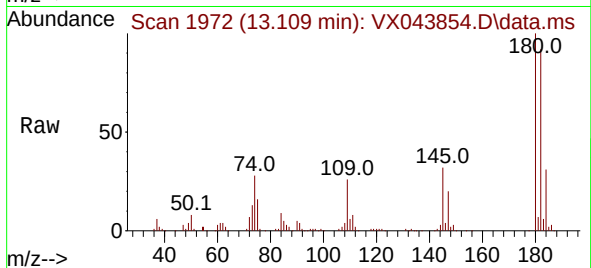
Lab File: VX043854.D

Acq: 14 Nov 2024 15:45

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 117925

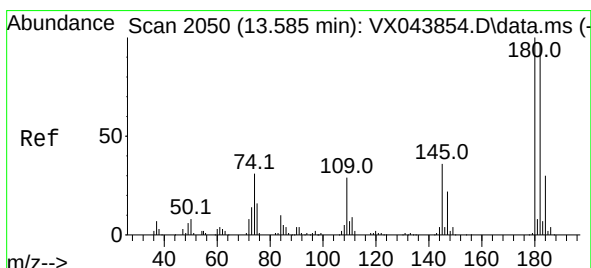
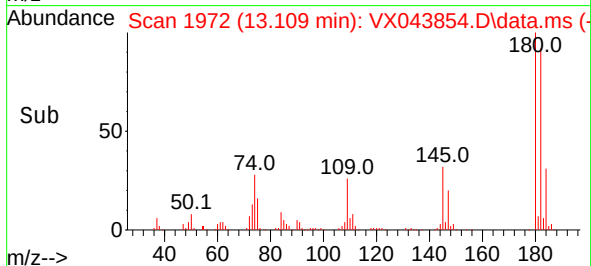
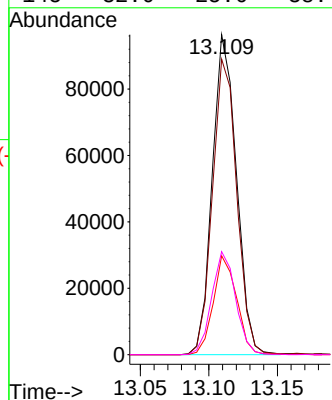
Ion Ratio Lower Upper

180 100

182 93.1 74.5 111.7

184 29.9 23.9 35.9

145 32.0 25.6 38.4



#70

1,2,4-trichlorobenzene

Concen: 50.889 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX043854.D

Acq: 14 Nov 2024 15:45

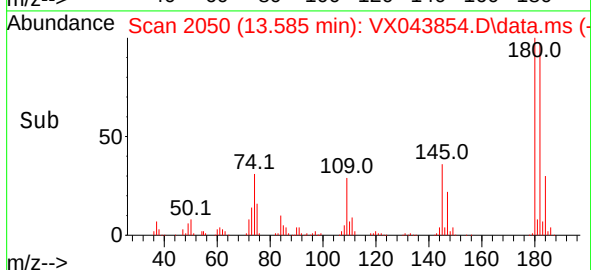
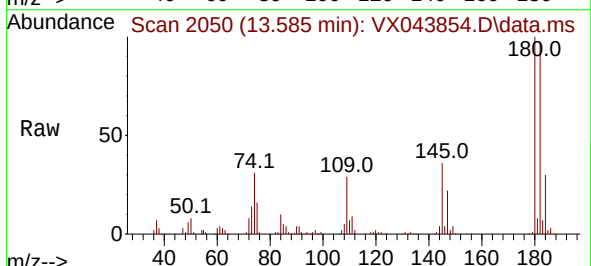
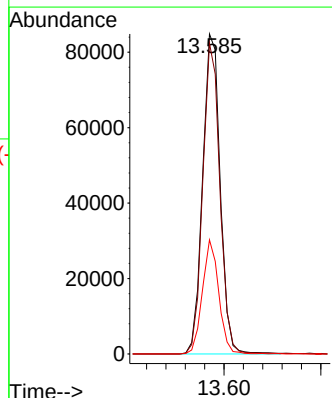
Tgt Ion:180 Resp: 107305

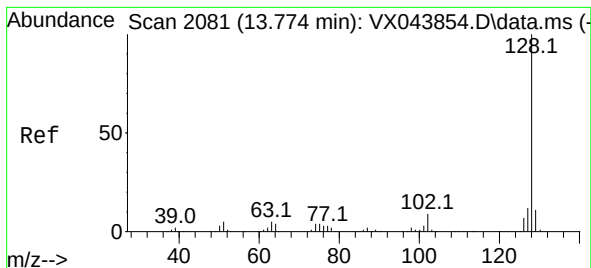
Ion Ratio Lower Upper

180 100

182 94.6 75.7 113.5

145 33.1 26.5 39.7





#71

Naphthalene

Concen: 50.666 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX043854.D

Acq: 14 Nov 2024 15:45

Instrument :

MSVOA_X

ClientSampleId :

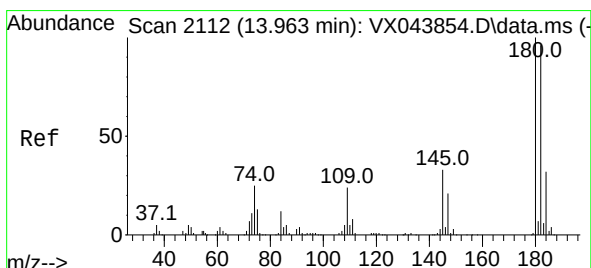
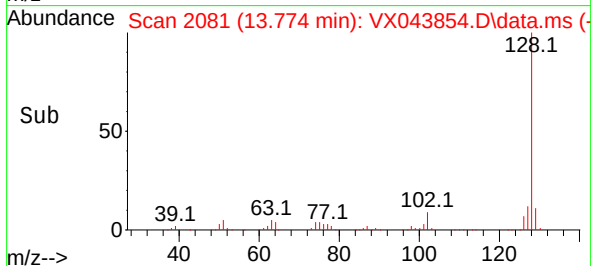
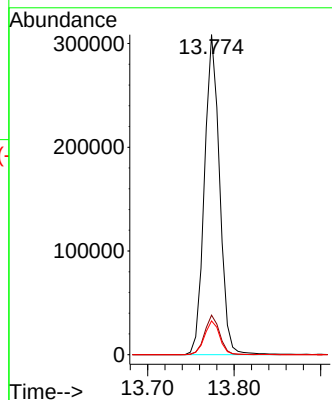
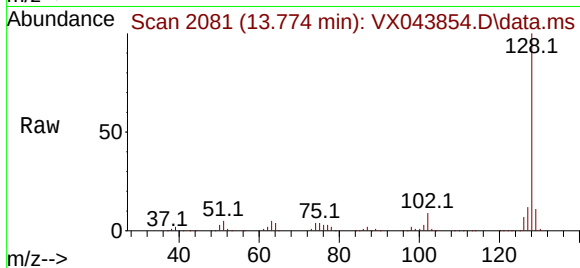
Tgt Ion:128 Resp: 375323

Ion Ratio Lower Upper

128 100

127 12.2 9.8 14.6

129 10.6 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 50.680 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX043854.D

Acq: 14 Nov 2024 15:45

Tgt Ion:180 Resp: 109719

Ion Ratio Lower Upper

180 100

182 94.6 75.7 113.5

145 34.5 27.6 41.4

