

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111424\
 Data File : VX043852.D
 Acq On : 14 Nov 2024 14:59
 Operator : JC/MD
 Sample : VSTD00536
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 15 02:05:58 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	6.751	114	218651	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	190310	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	86525	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	6483	4.775	ug/L	0.00
7) Chloroethane-d5	1.642	69	4334	4.826	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.294	65	2728	4.453	ug/L	0.00
21) 2-Butanone-d5	4.471	46	5882	8.147	ug/L	0.01
24) Chloroform-d	5.050	84	13603	4.709	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	9208	4.992	ug/L	0.00
32) Benzene-d6	5.964	84	25945	4.900	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.299	67	7031	4.663	ug/L	0.00
41) Toluene-d8	8.647	98	24110	4.816	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	3187	4.194	ug/L	0.00
47) 2-Hexanone-d5	9.391	63	5074	9.108	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	10100	4.868	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	9584	5.310	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	7092	4.357	ug/L	90
3) Chloromethane	1.294	50	6542	4.982	ug/L	99
5) Vinyl chloride	1.374	62	6744	4.754	ug/L	99
6) Bromomethane	1.593	94	4600	4.941	ug/L	90
8) Chloroethane	1.666	64	3846	5.021	ug/L	98
9) Trichlorofluoromethane	1.867	101	12898	5.074	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	6980	4.868	ug/L	98
12) 1,1-Dichloroethene	2.306	96	6499	4.932	ug/L	87
13) Acetone	2.386	43	9833	11.351	ug/L	97
14) Carbon disulfide	2.502	76	11483	4.131	ug/L	96
15) Methyl Acetate	2.703	43	6207	5.201	ug/L	99
16) Methylene chloride	2.788	84	7469	5.189	ug/L	84
17) trans-1,2-Dichloroethene	3.087	96	6287	4.733	ug/L	88
18) Methyl tert-butyl Ether	3.117	73	23001	4.968	ug/L	99
19) 1,1-Dichloroethane	3.605	63	11706	4.998	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	7898	4.955	ug/L	93
22) 2-Butanone	4.690	43	286	0.299	ug/L	74
23) Bromochloromethane	4.891	128	4024	4.698	ug/L	93
25) Chloroform	5.086	83	13586	5.007	ug/L	99
27) 1,2-Dichloroethane	6.092	62	10666	5.013	ug/L #	92
29) Cyclohexane	5.458	56	9887	5.000	ug/L #	67
30) 1,1,1-Trichloroethane	5.373	97	11393	4.804	ug/L #	87
31) Carbon tetrachloride	5.666	117	6652	3.250	ug/L #	67
33) Benzene	6.037	78	26538	5.111	ug/L	100
34) Trichloroethene	7.123	95	11681	6.778	ug/L	98
35) Methylcyclohexane	7.373	83	11272	5.117	ug/L	97
37) 1,2-Dichloropropane	7.427	63	6117	4.829	ug/L	97
38) Bromodichloromethane	7.818	83	8128	4.626	ug/L	96
39) cis-1,3-Dichloropropene	8.366	75	8586	4.004	ug/L	94
40) 4-Methyl-2-pentanone	8.580	43	15328	10.144	ug/L	96
42) Toluene	8.714	91	27943	4.932	ug/L	96
44) trans-1,3-Dichloropropene	8.982	75	8678	4.363	ug/L	89

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 ClientSampleId :

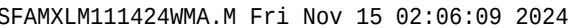
Quant Time: Nov 15 02:05:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML111424WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 15 02:05:35 2024
 Response via : Initial Calibration

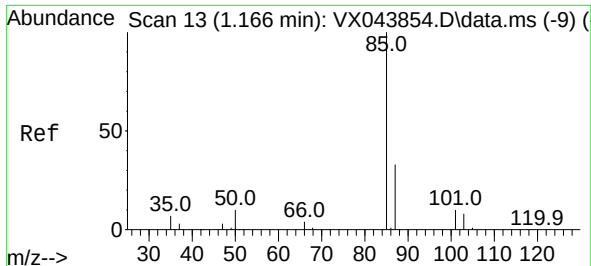
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	9.153	97	7567	5.184	ug/L	93
46) Tetrachloroethene	9.275	164	6465	5.215	ug/L	84
48) 2-Hexanone	9.433	43	12014	9.777	ug/L	95
49) Dibromochloromethane	9.519	129	6136	4.274	ug/L	99
50) 1,2-Dibromoethane	9.610	107	7886	5.025	ug/L	99
51) Chlorobenzene	10.079	112	19662	5.079	ug/L	95
52) Ethylbenzene	10.195	91	29370	4.738	ug/L	94
53) m,p-Xylene	10.299	106	11577	4.646	ug/L	97
54) o-Xylene	10.640	106	11832	4.769	ug/L	97
55) Styrene	10.659	104	18290	4.530	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.213	83	10654	5.061	ug/L #	98
59) Bromoform	10.805	173	3996	4.460	ug/L	96
60) Isopropylbenzene	10.963	105	29411	5.053	ug/L	98
61) 1,2,3-Trichloropropane	11.238	75	8260	5.596	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	24665	5.032	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	23499	4.816	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	14224	5.144	ug/L	97
65) 1,4-Dichlorobenzene	12.043	146	14349	5.196	ug/L	95
67) 1,2-Dichlorobenzene	12.335	146	14685	5.209	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.945	75	1555	4.360	ug/L	93
69) 1,3,5-Trichlorobenzene	13.109	180	8961	4.836	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	7482	4.512	ug/L	95
71) Naphthalene	13.774	128	27152	4.661	ug/L	98
72) 1,2,3-Trichlorobenzene	13.963	180	7772	4.565	ug/L	94

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

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Quant Title : VOC Analysis
QLast Update : Fri Nov 15 02:05:35 2024
Response via : Initial Calibration

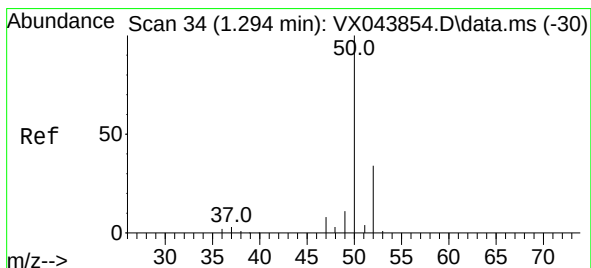
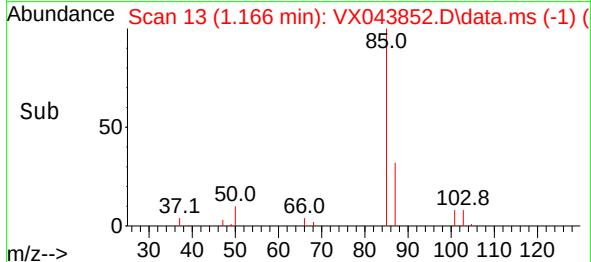
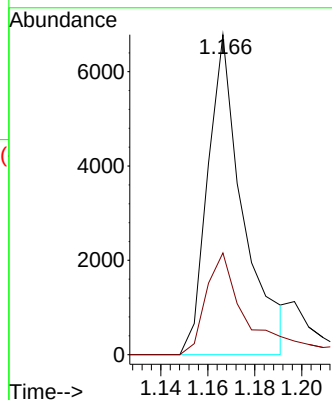
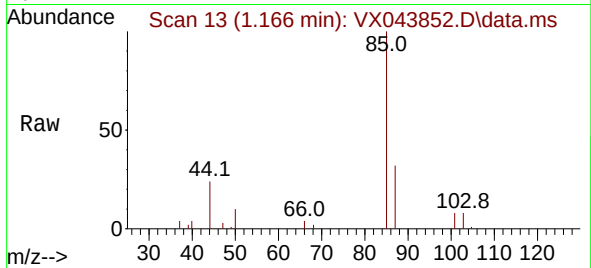




#2
Dichlorodifluoromethane
Concen: 4.357 ug/L
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX043852.D
Acq: 14 Nov 2024 14:59

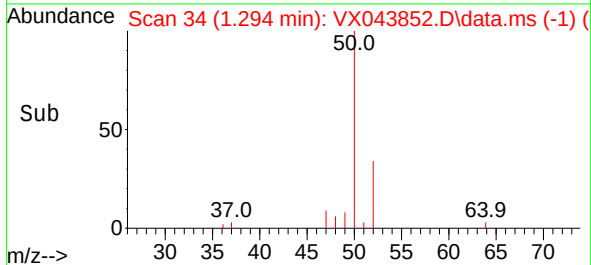
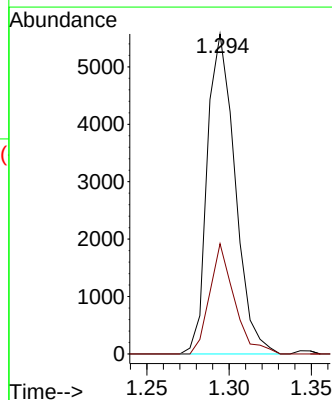
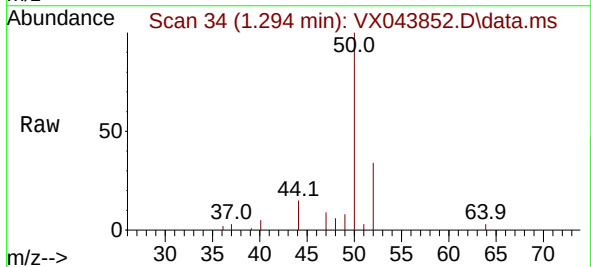
Instrument :
MSVOA_X
ClientSampleId :

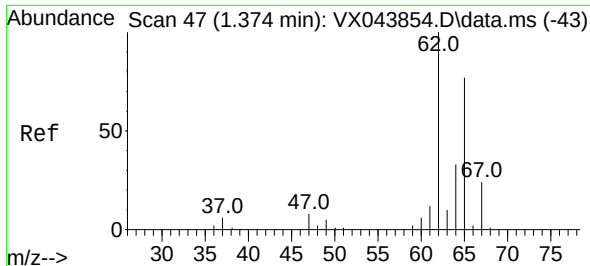
Tgt Ion: 85 Resp: 7092
Ion Ratio Lower Upper
85 100
87 38.0 26.0 39.0



#3
Chloromethane
Concen: 4.982 ug/L
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX043852.D
Acq: 14 Nov 2024 14:59

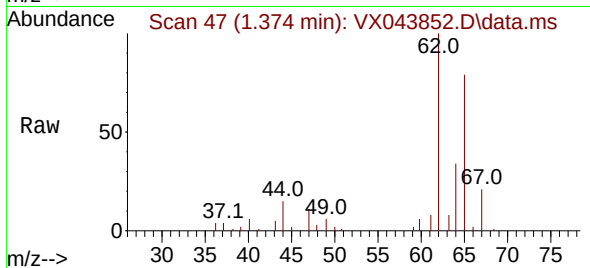
Tgt Ion: 50 Resp: 6542
Ion Ratio Lower Upper
50 100
52 34.5 23.8 44.2



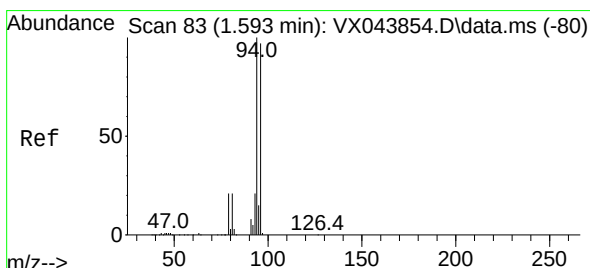
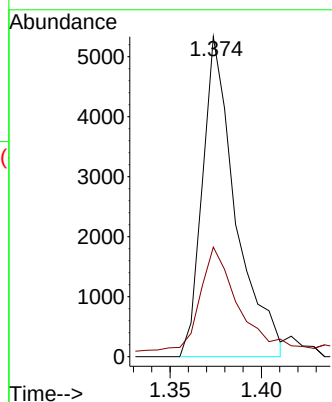
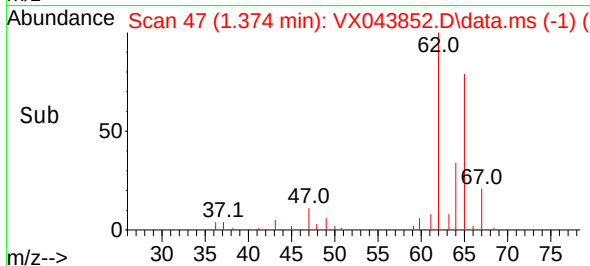


#5
 Vinyl chloride
 Concen: 4.754 ug/L
 RT: 1.374 min Scan# 47
 Delta R.T. 0.000 min
 Lab File: VX043852.D
 Acq: 14 Nov 2024 14:59

Instrument :
 MSVOA_X
 ClientSampleId :

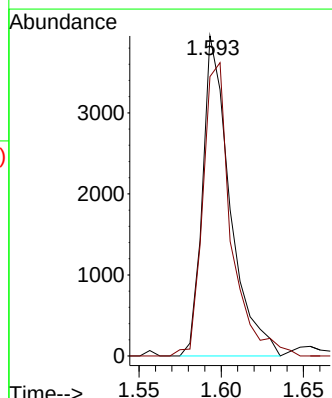
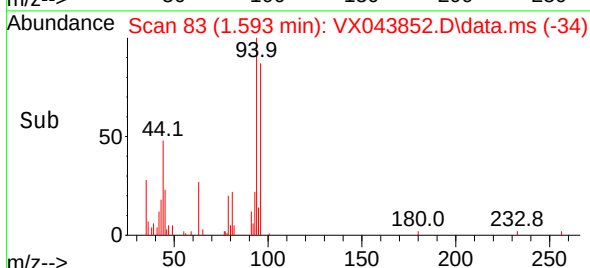
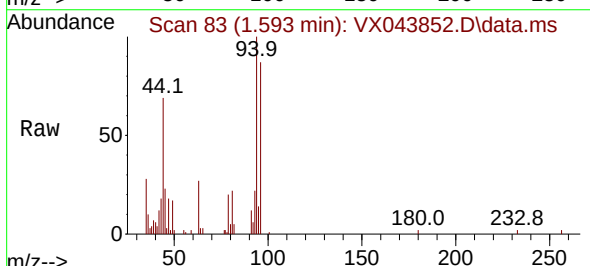


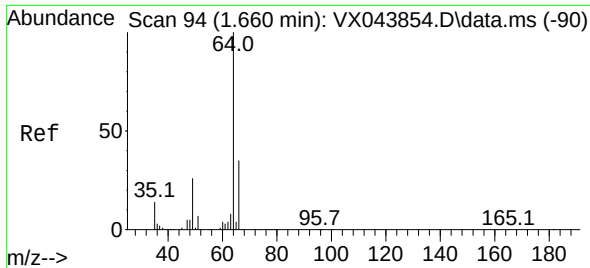
Tgt Ion: 62 Resp: 6744
 Ion Ratio Lower Upper
 62 100
 64 34.2 23.5 43.7



#6
 Bromomethane
 Concen: 4.941 ug/L
 RT: 1.593 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VX043852.D
 Acq: 14 Nov 2024 14:59

Tgt Ion: 94 Resp: 4600
 Ion Ratio Lower Upper
 94 100
 96 87.3 68.3 126.8

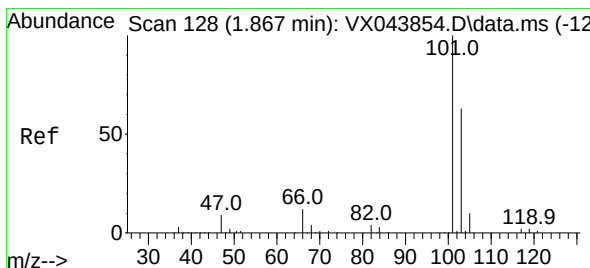
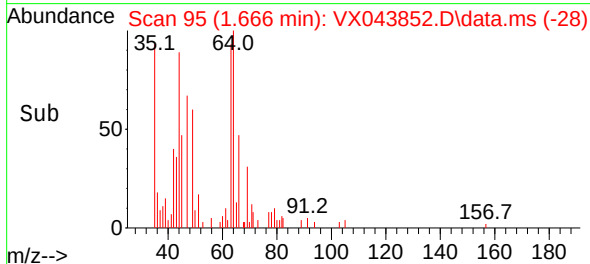
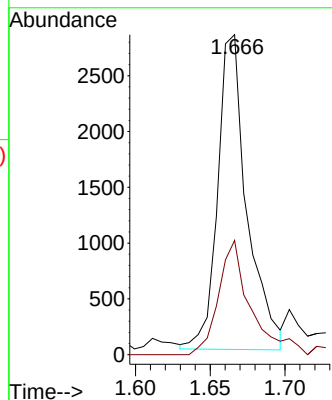
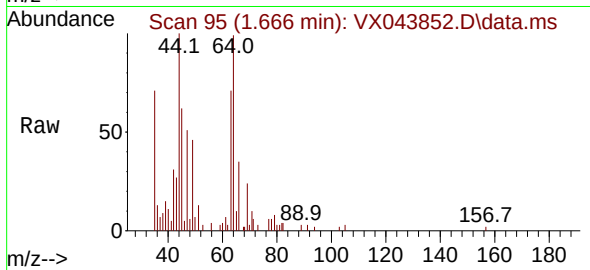




#8
Chloroethane
Concen: 5.021 ug/L
RT: 1.666 min Scan# 94
Delta R.T. 0.006 min
Lab File: VX043852.D
Acq: 14 Nov 2024 14:59

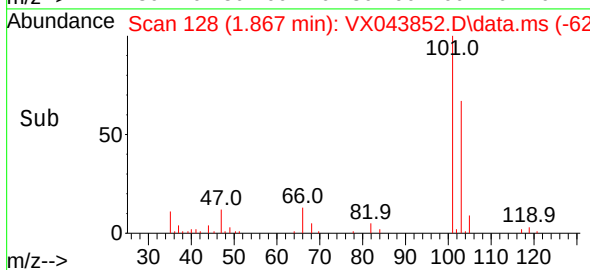
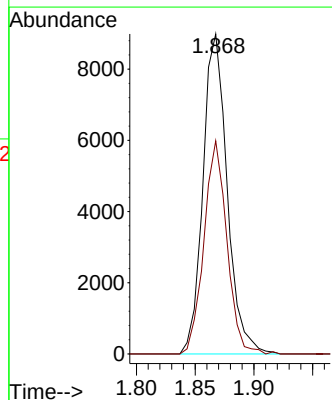
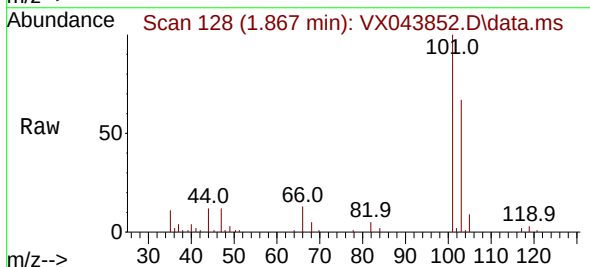
Instrument :
MSVOA_X
ClientSampleId :

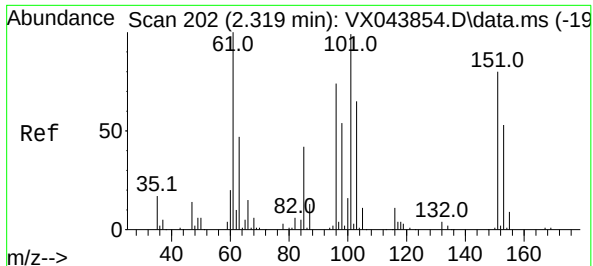
Tgt Ion: 64 Resp: 3846
Ion Ratio Lower Upper
64 100
66 35.7 24.2 45.0



#9
Trichlorofluoromethane
Concen: 5.074 ug/L
RT: 1.867 min Scan# 128
Delta R.T. 0.000 min
Lab File: VX043852.D
Acq: 14 Nov 2024 14:59

Tgt Ion:101 Resp: 12898
Ion Ratio Lower Upper
101 100
103 62.5 51.3 76.9





#10

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

Concen: 4.868 ug/L

RT: 2.319 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX043852.D

Acq: 14 Nov 2024 14:59

Instrument :

MSVOA_X

ClientSampleId :

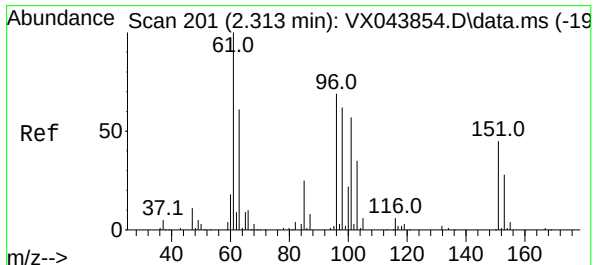
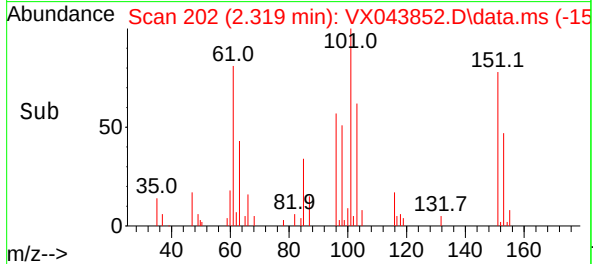
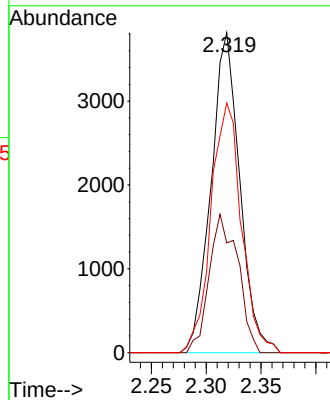
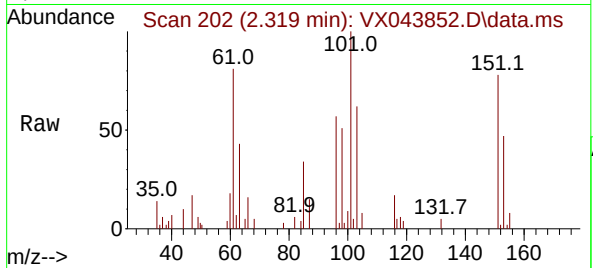
Tgt Ion:101 Resp: 6980

Ion Ratio Lower Upper

101 100

85 43.1 33.8 50.6

151 82.6 64.9 97.3



#12

1,1-Dichloroethene

Concen: 4.932 ug/L

RT: 2.306 min Scan# 200

Delta R.T. -0.006 min

Lab File: VX043852.D

Acq: 14 Nov 2024 14:59

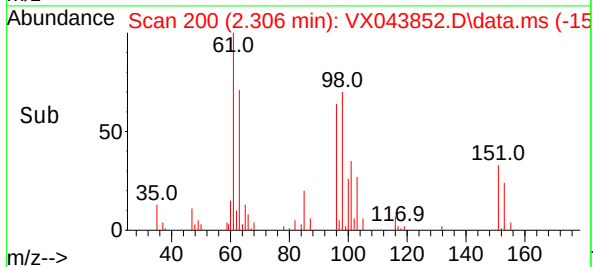
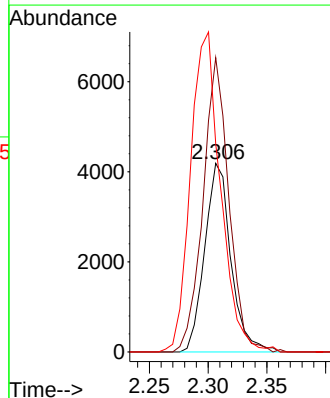
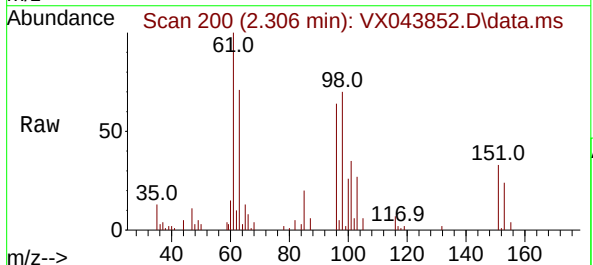
Tgt Ion: 96 Resp: 6499

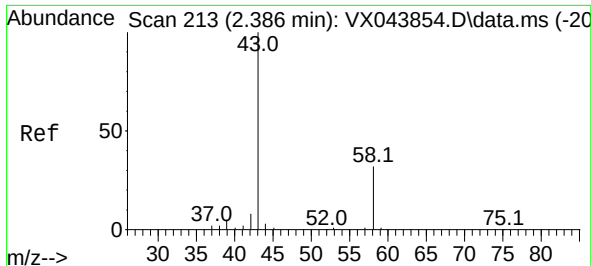
Ion Ratio Lower Upper

96 100

61 156.0 102.2 189.8

63 110.4 62.6 116.2





#13

Acetone

Concen: 11.351 ug/L

RT: 2.386 min Scan# 213

Delta R.T. 0.000 min

Lab File: VX043852.D

Acq: 14 Nov 2024 14:59

Instrument :

MSVOA_X

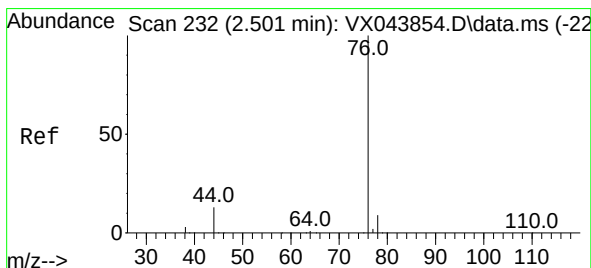
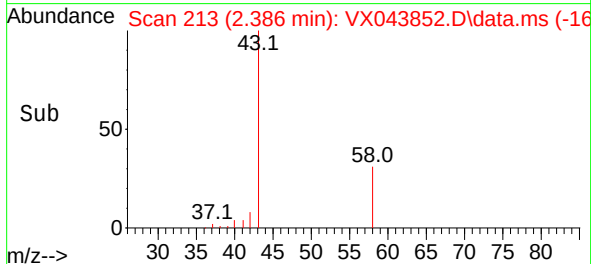
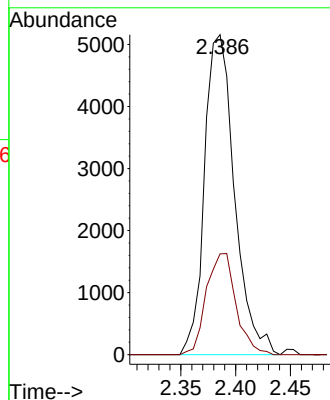
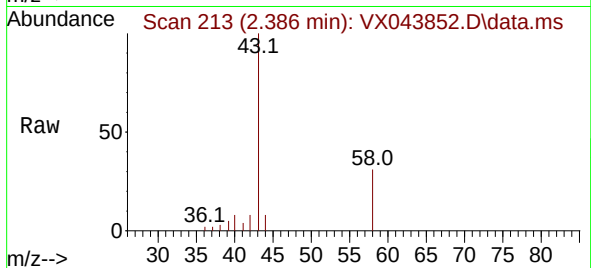
ClientSampleId :

Tgt Ion: 43 Resp: 9833

Ion Ratio Lower Upper

43 100

58 31.2 0.0 66.2



#14

Carbon disulfide

Concen: 4.131 ug/L

RT: 2.502 min Scan# 232

Delta R.T. 0.000 min

Lab File: VX043852.D

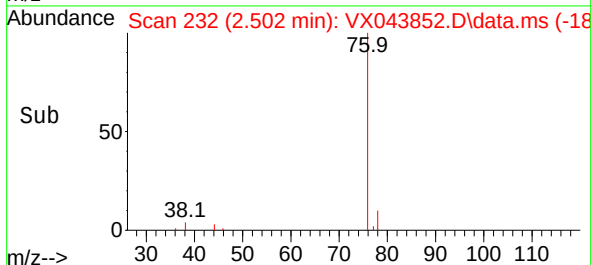
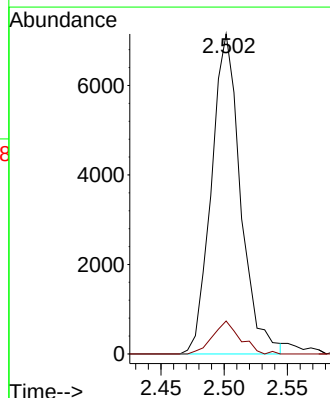
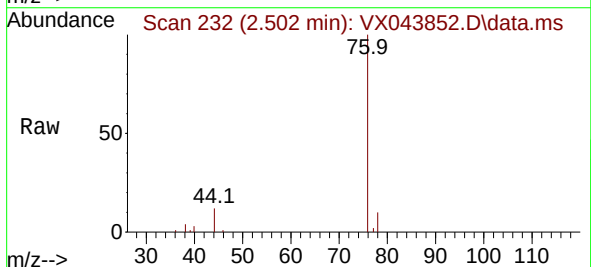
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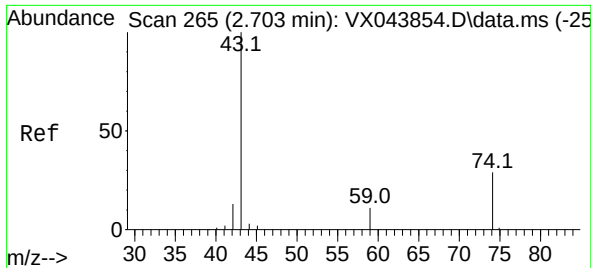
Tgt Ion: 76 Resp: 11483

Ion Ratio Lower Upper

76 100

78 10.3 7.0 10.6

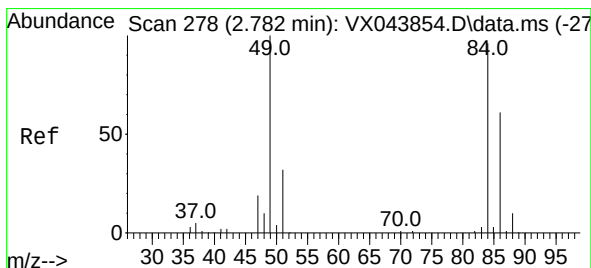
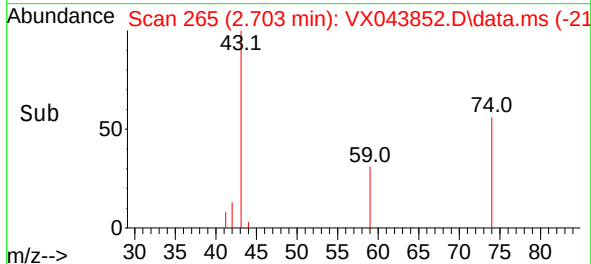
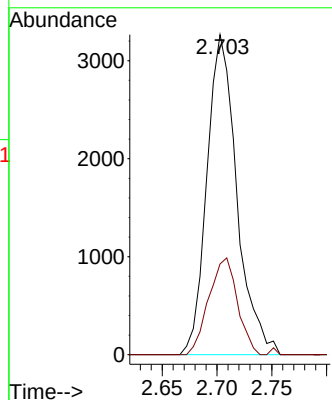
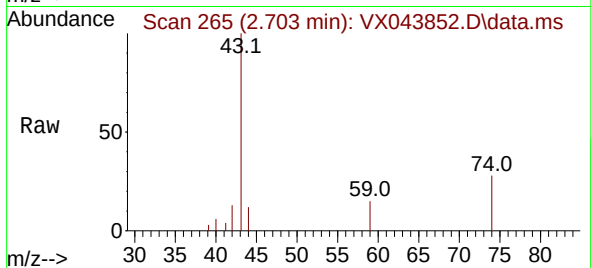




#15
Methyl Acetate
Concen: 5.201 ug/L
RT: 2.703 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX043852.D
Acq: 14 Nov 2024 14:59

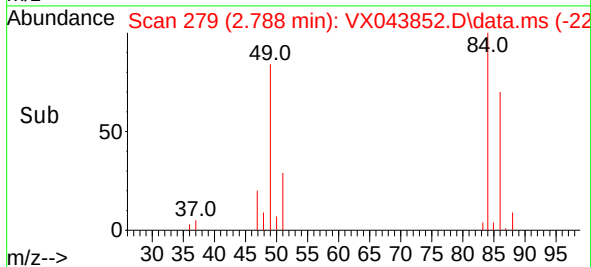
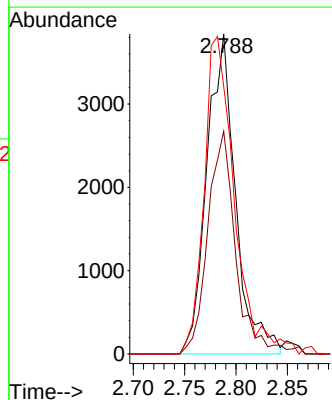
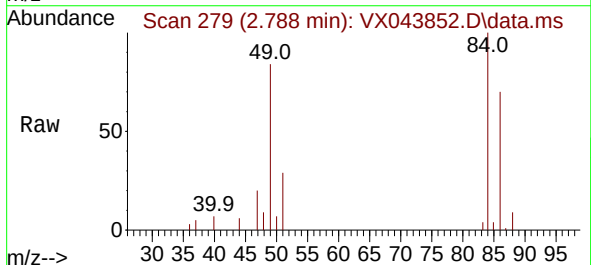
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MSVOA_X
ClientSampleId :

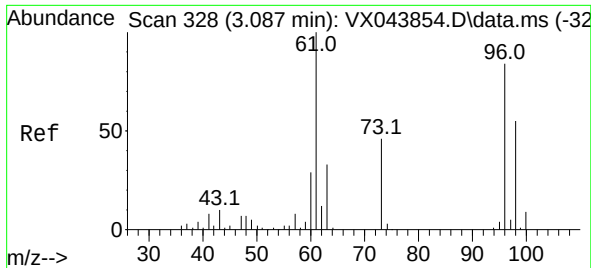
Tgt Ion	Ratio	Lower	Upper
43	100		
74	29.0	23.4	35.2



#16
Methylene chloride
Concen: 5.189 ug/L
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX043852.D
Acq: 14 Nov 2024 14:59

Tgt Ion	Ratio	Lower	Upper
84	100		
86	69.6	44.4	82.5
49	83.6	73.4	136.2

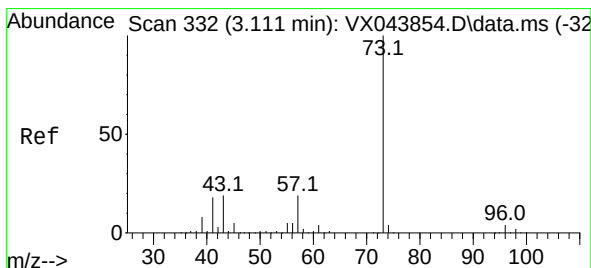
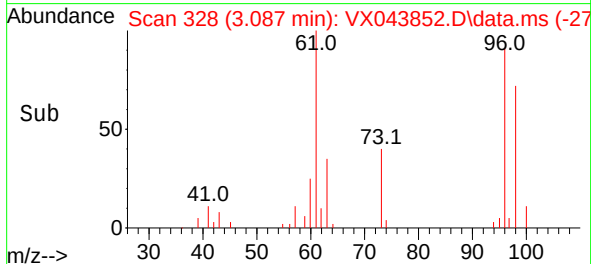
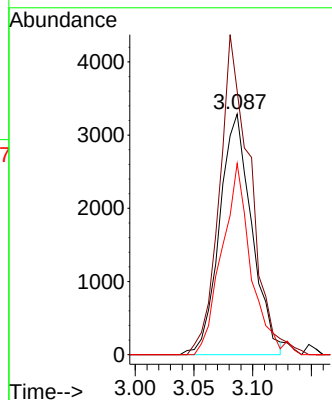
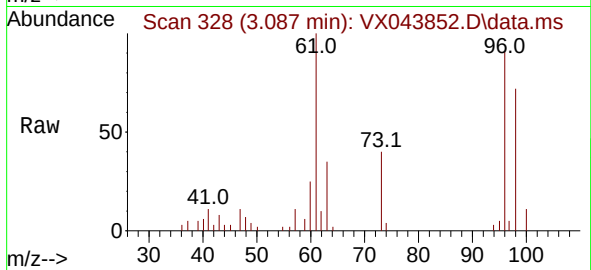




#17
trans-1,2-Dichloroethene
Concen: 4.733 ug/L
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX043852.D
Acq: 14 Nov 2024 14:59

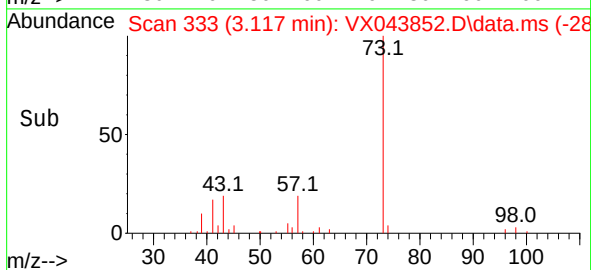
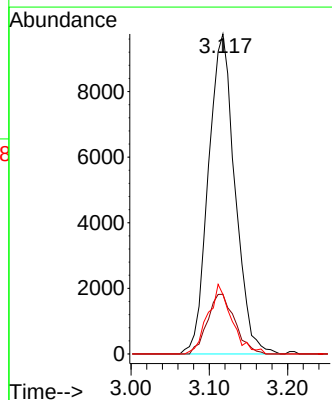
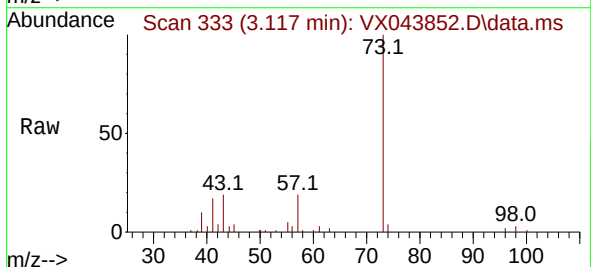
Instrument :
MSVOA_X
ClientSampleId :

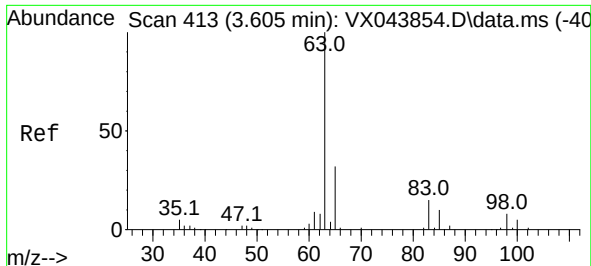
Tgt Ion: 96 Resp: 6287
Ion Ratio Lower Upper
96 100
61 109.6 83.2 154.6
98 79.4 45.4 84.4



#18
Methyl tert-butyl Ether
Concen: 4.968 ug/L
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX043852.D
Acq: 14 Nov 2024 14:59

Tgt Ion: 73 Resp: 23001
Ion Ratio Lower Upper
73 100
43 19.3 15.5 23.3
57 19.3 15.1 22.7





#19

1,1-Dichloroethane

Concen: 4.998 ug/L

RT: 3.605 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX043852.D

Acq: 14 Nov 2024 14:59

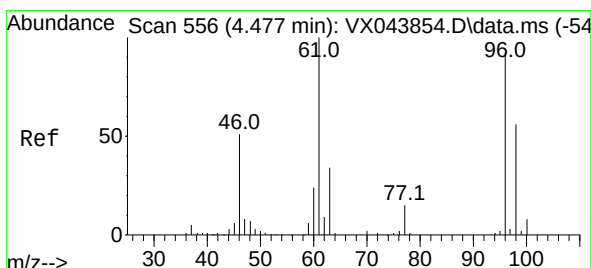
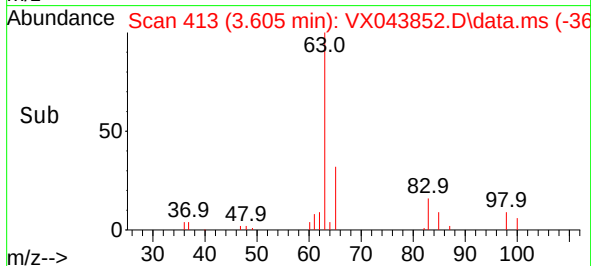
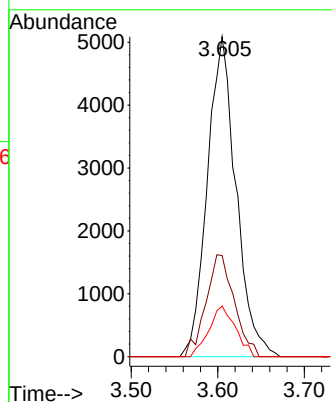
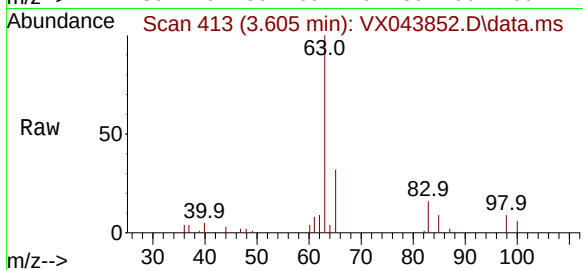
Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 63 Resp: 11706

Ion	Ratio	Lower	Upper
63	100		
65	31.6	22.4	41.6
83	15.8	10.4	19.2



#20

cis-1,2-Dichloroethene

Concen: 4.955 ug/L

RT: 4.489 min Scan# 558

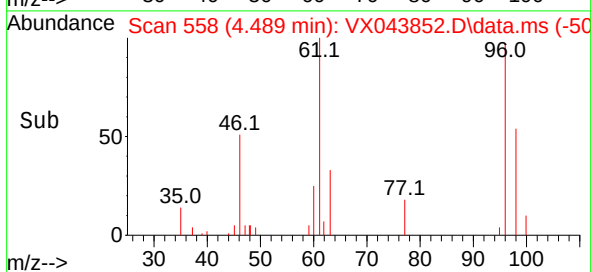
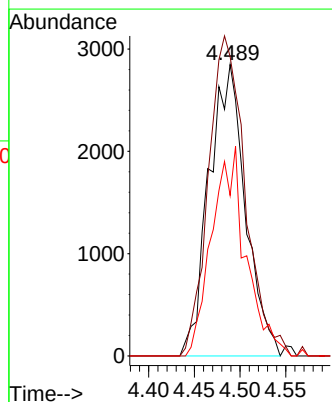
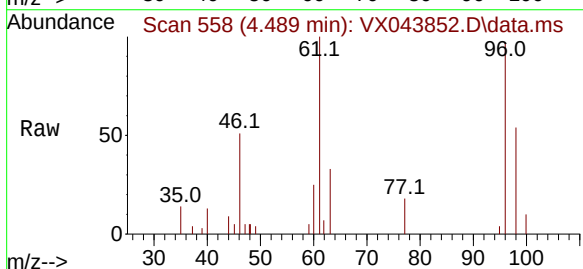
Delta R.T. 0.012 min

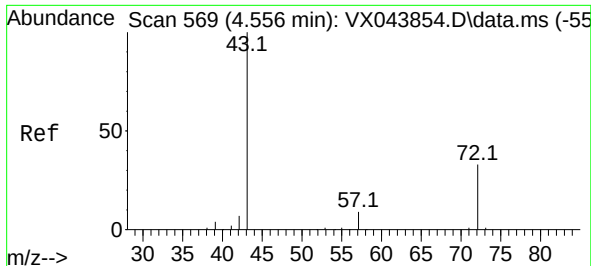
Lab File: VX043852.D

Acq: 14 Nov 2024 14:59

Tgt Ion: 96 Resp: 7898

Ion	Ratio	Lower	Upper
96	100		
61	102.7	76.4	141.8
98	55.1	42.6	79.0





#22

2-Butanone

Concen: 0.299 ug/L

RT: 4.690 min Scan# 51

Delta R.T. 0.134 min

Lab File: VX043852.D

Acq: 14 Nov 2024 14:59

Instrument :

MSVOA_X

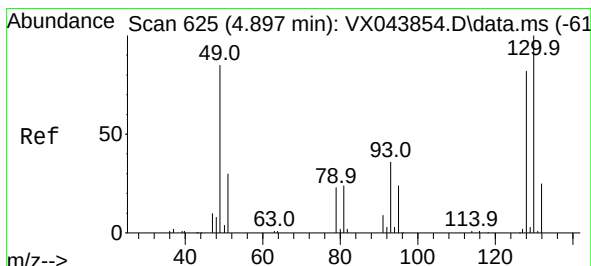
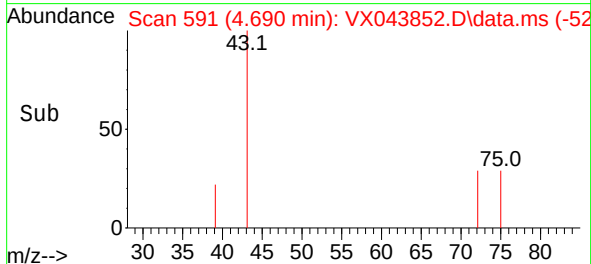
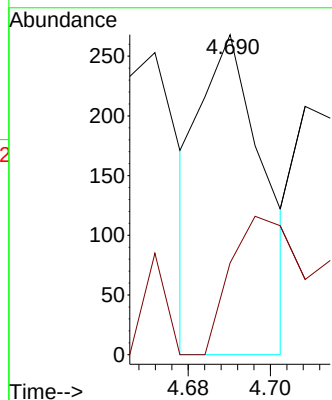
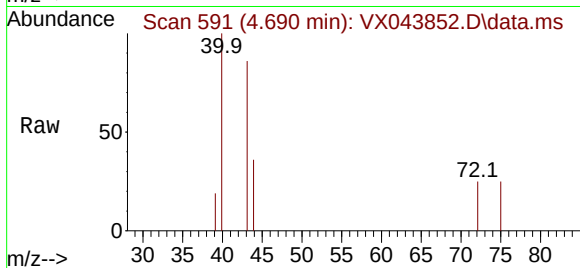
ClientSampleId :

Tgt Ion: 43 Resp: 286

Ion Ratio Lower Upper

43 100

72 46.5 16.0 47.9



#23

Bromochloromethane

Concen: 4.698 ug/L

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX043852.D

Acq: 14 Nov 2024 14:59

Tgt Ion: 128 Resp: 4024

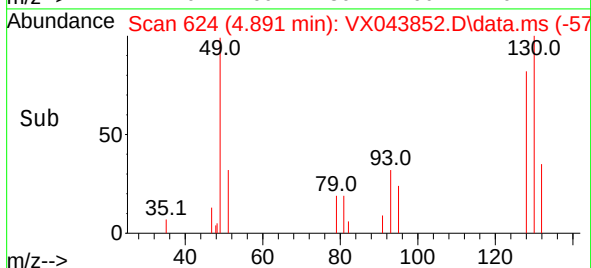
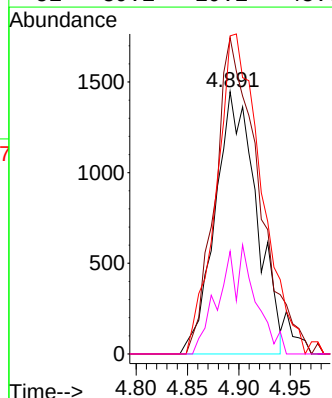
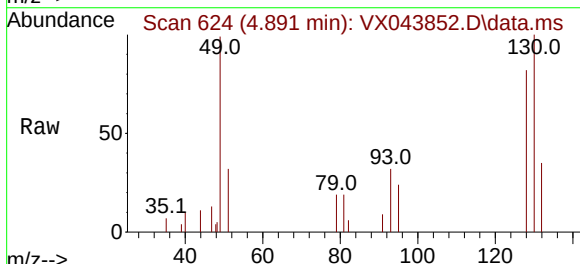
Ion Ratio Lower Upper

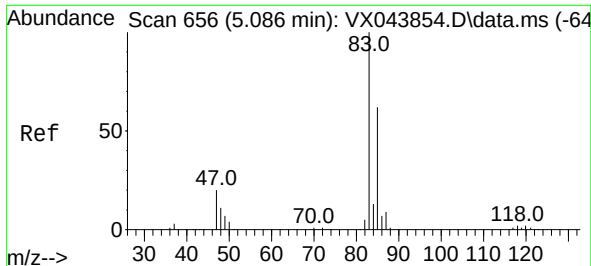
128 100

49 120.6 73.6 136.8

130 121.3 85.7 159.1

51 39.1 29.1 43.7





#25

Chloroform

Concen: 5.007 ug/L

RT: 5.086 min Scan# 656

Delta R.T. 0.000 min

Lab File: VX043852.D

Acq: 14 Nov 2024 14:59

Instrument :

MSVOA_X

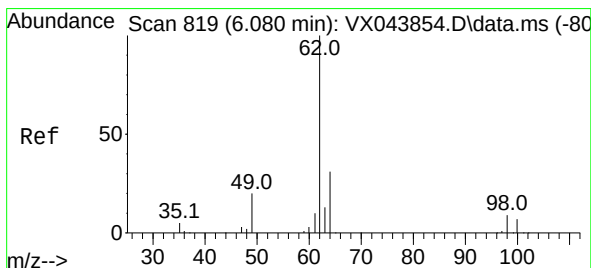
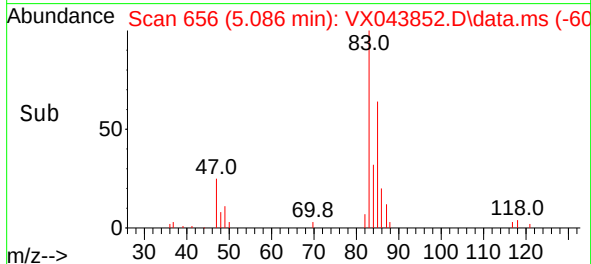
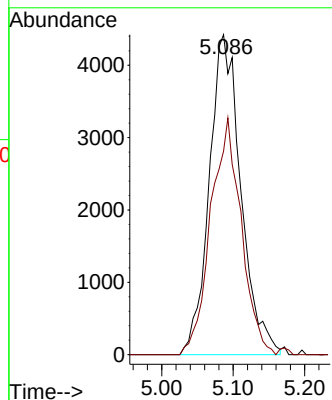
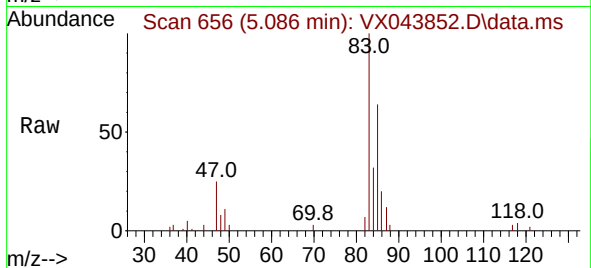
ClientSampleId :

Tgt Ion: 83 Resp: 13586

Ion Ratio Lower Upper

83 100

85 63.6 43.8 81.3



#27

1,2-Dichloroethane

Concen: 5.013 ug/L

RT: 6.092 min Scan# 821

Delta R.T. 0.012 min

Lab File: VX043852.D

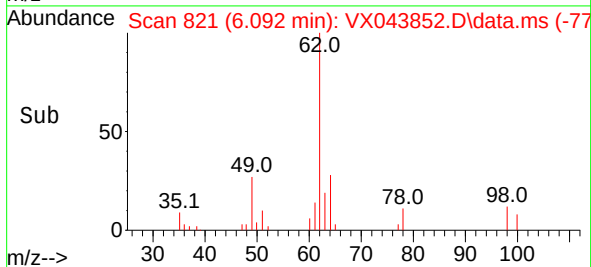
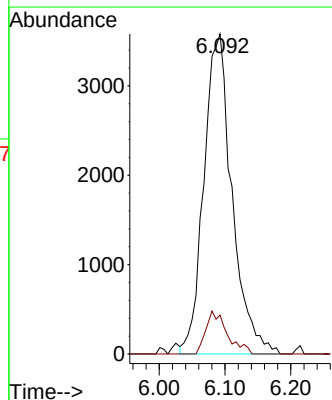
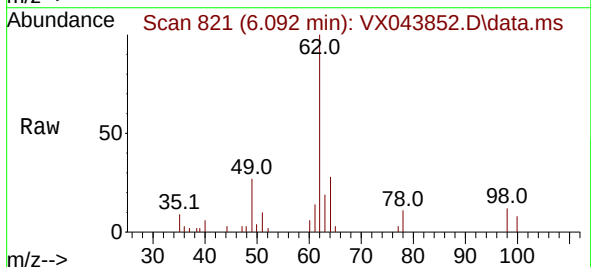
Acq: 14 Nov 2024 14:59

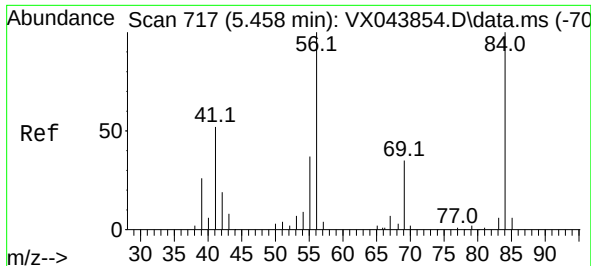
Tgt Ion: 62 Resp: 10666

Ion Ratio Lower Upper

62 100

98 12.2 7.5 11.3#





#29

Cyclohexane

Concen: 5.000 ug/L

RT: 5.458 min Scan# 717

Delta R.T. 0.000 min

Lab File: VX043852.D

Acq: 14 Nov 2024 14:59

Instrument :

MSVOA_X

ClientSampleId :

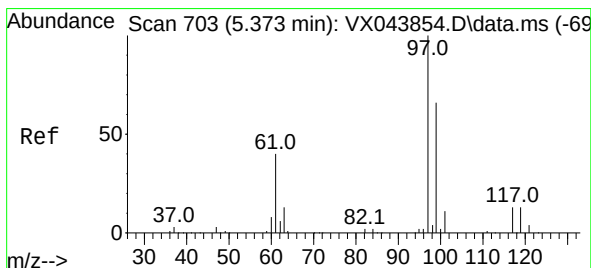
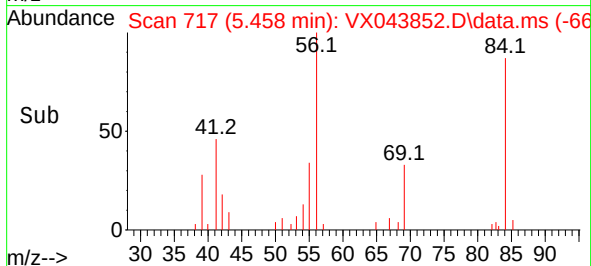
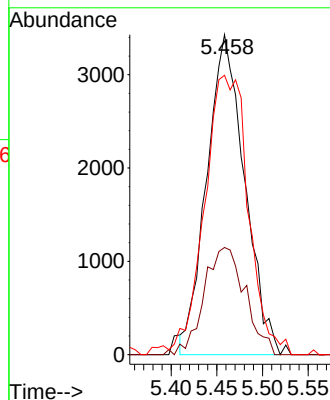
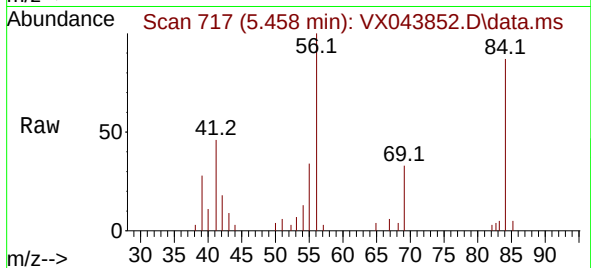
Tgt Ion: 56 Resp: 9887

Ion Ratio Lower Upper

56 100

69 36.2 28.2 42.2

84 59.6 83.4 125.0#



#30

1,1,1-Trichloroethane

Concen: 4.804 ug/L

RT: 5.373 min Scan# 703

Delta R.T. 0.000 min

Lab File: VX043852.D

Acq: 14 Nov 2024 14:59

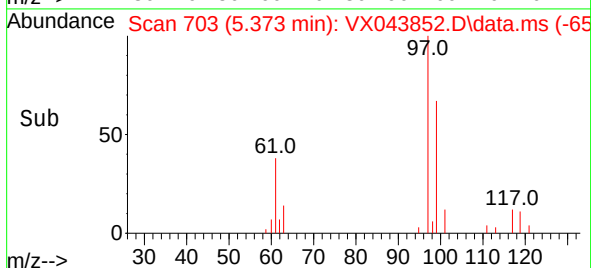
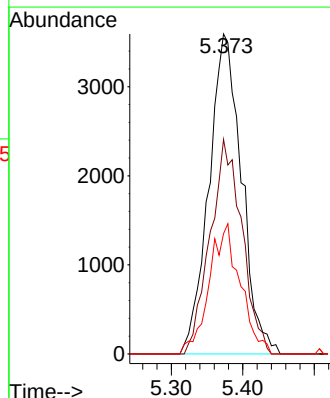
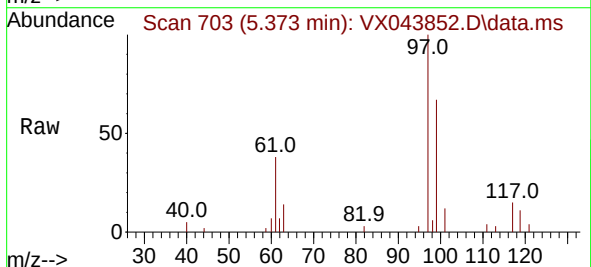
Tgt Ion: 97 Resp: 11393

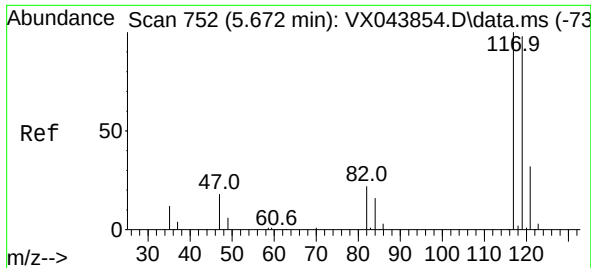
Ion Ratio Lower Upper

97 100

99 65.3 50.8 76.2

61 19.2 30.6 45.8#

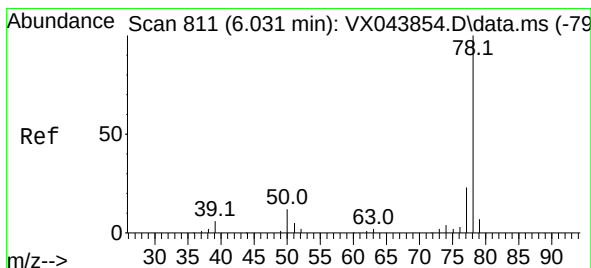
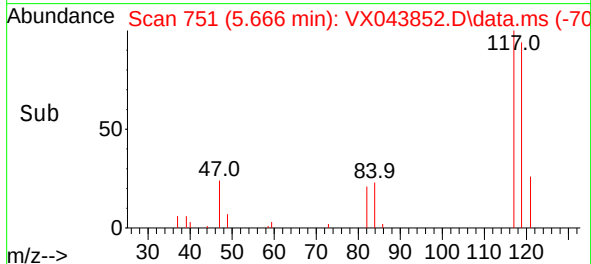
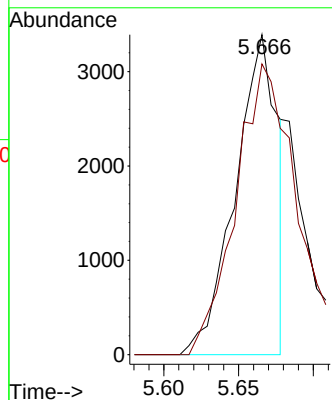
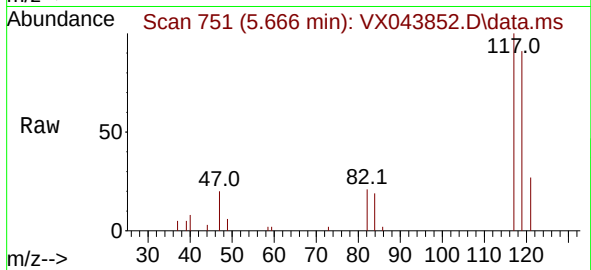




#31
Carbon tetrachloride
Concen: 3.250 ug/L
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX043852.D
Acq: 14 Nov 2024 14:59

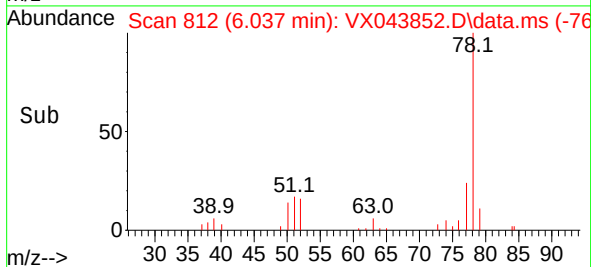
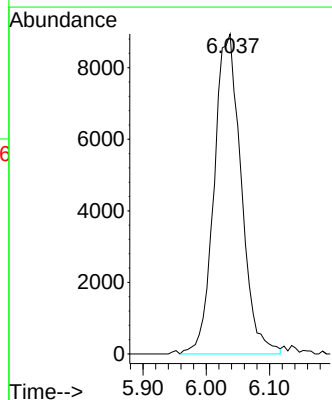
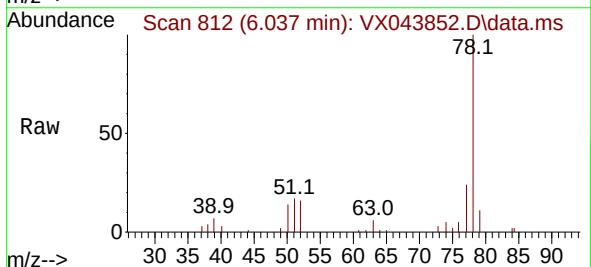
Instrument :
MSVOA_X
ClientSampleId :

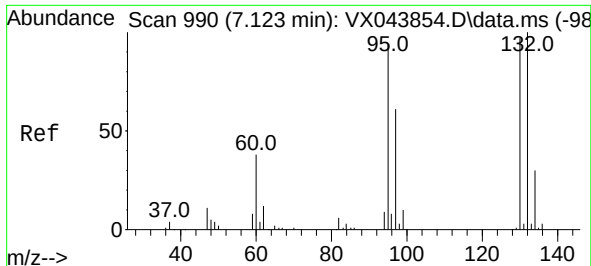
Tgt Ion:117 Resp: 6652
Ion Ratio Lower Upper
117 100
119 130.5 78.0 117.0#



#33
Benzene
Concen: 5.111 ug/L
RT: 6.037 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX043852.D
Acq: 14 Nov 2024 14:59

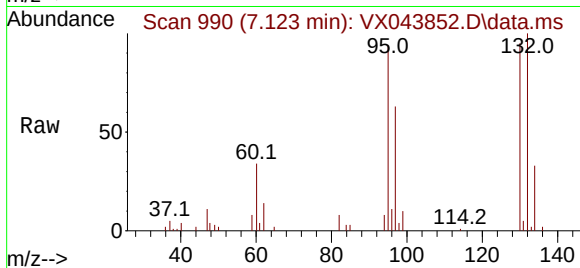
Tgt Ion: 78 Resp: 26538





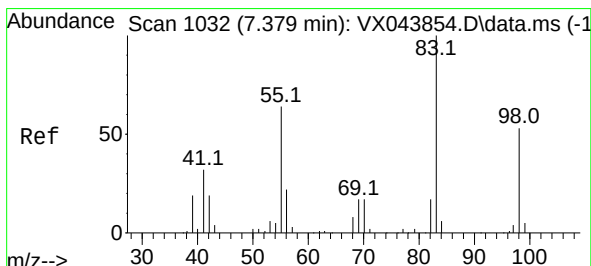
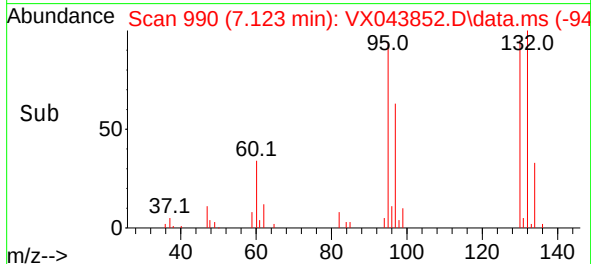
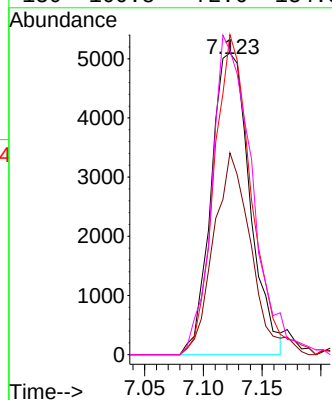
#34
Trichloroethene
Concen: 6.778 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX043852.D
Acq: 14 Nov 2024 14:59

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 95 Resp: 11681

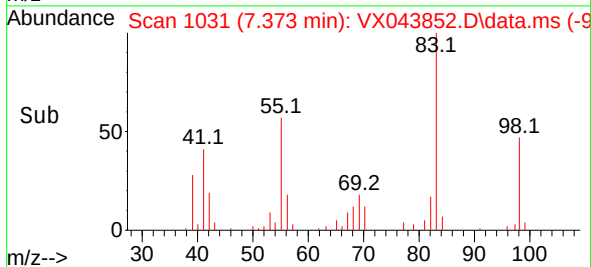
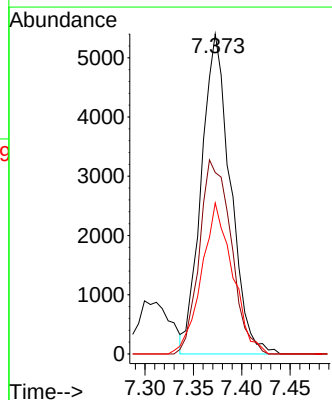
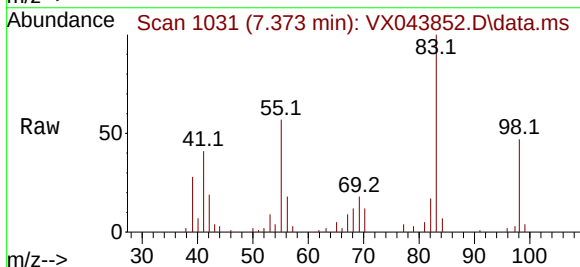
Ion	Ratio	Lower	Upper
95	100		
97	66.8	45.6	84.6
132	106.0	74.4	138.2
130	100.8	72.6	134.8

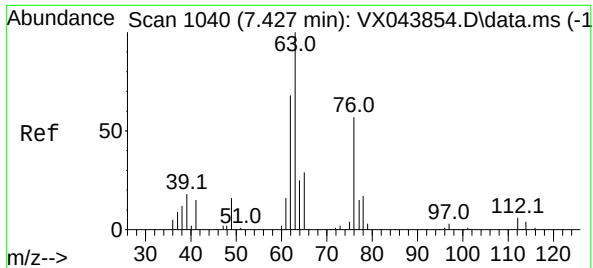


#35
Methylcyclohexane
Concen: 5.117 ug/L
RT: 7.373 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX043852.D
Acq: 14 Nov 2024 14:59

Tgt Ion: 83 Resp: 11272

Ion	Ratio	Lower	Upper
83	100		
55	66.2	53.5	80.3
98	50.5	43.0	64.6





#37

1,2-Dichloropropane

Concen: 4.829 ug/L

RT: 7.427 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX043852.D

Acq: 14 Nov 2024 14:59

Instrument :

MSVOA_X

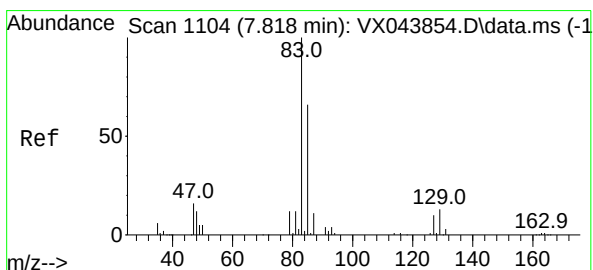
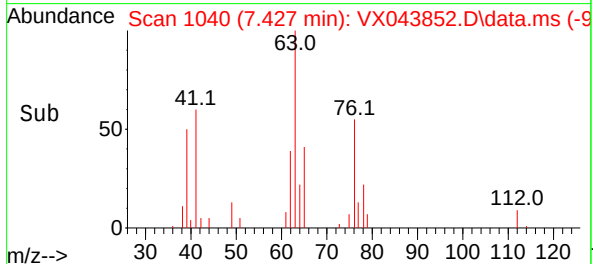
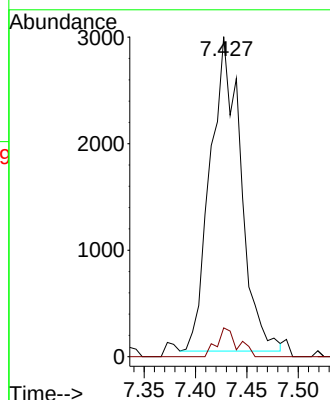
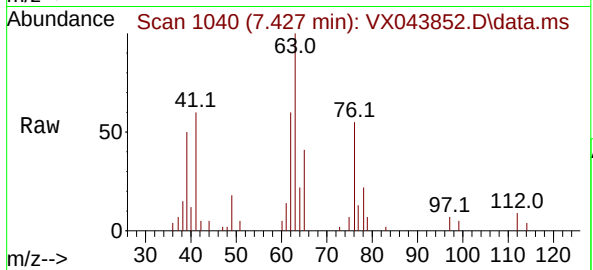
ClientSampleId :

Tgt Ion: 63 Resp: 6117

Ion Ratio Lower Upper

63 100

112 4.7 4.6 7.0



#38

Bromodichloromethane

Concen: 4.626 ug/L

RT: 7.818 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX043852.D

Acq: 14 Nov 2024 14:59

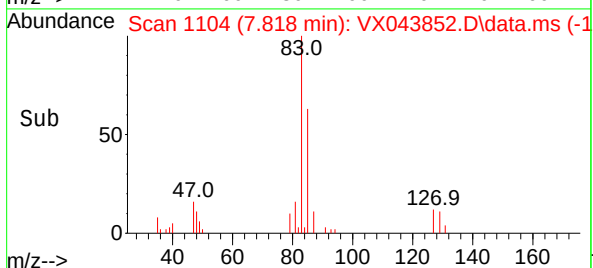
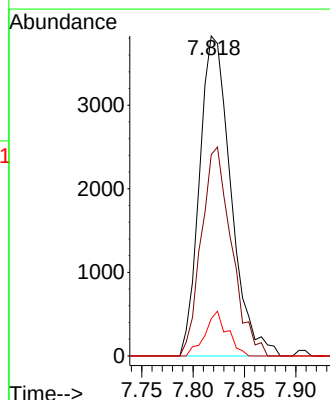
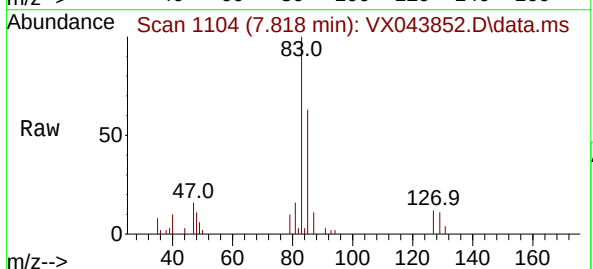
Tgt Ion: 83 Resp: 8128

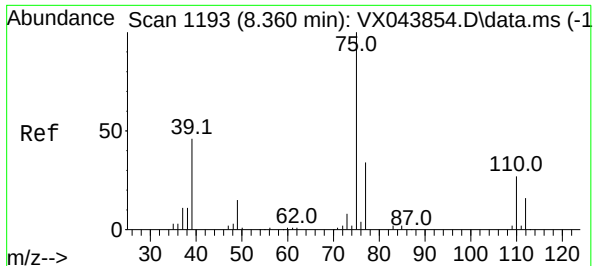
Ion Ratio Lower Upper

83 100

85 62.9 46.5 86.3

127 11.7 8.1 12.1

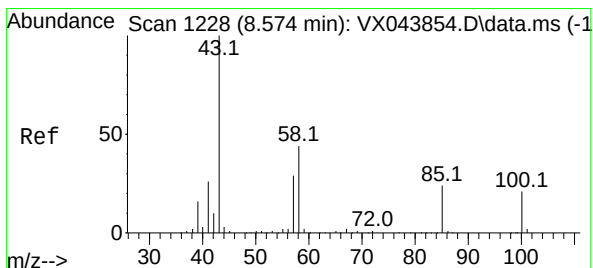
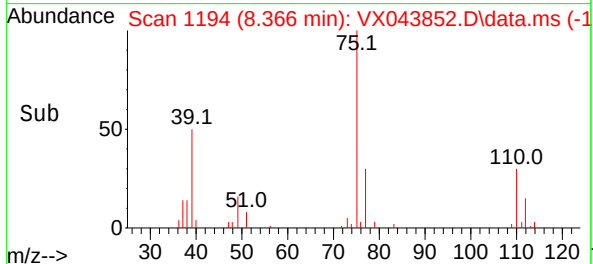
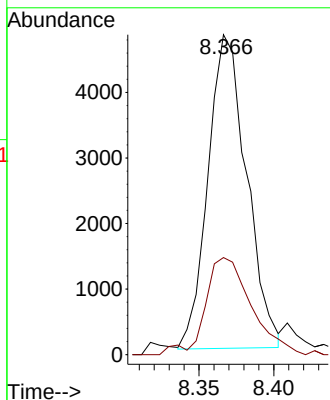
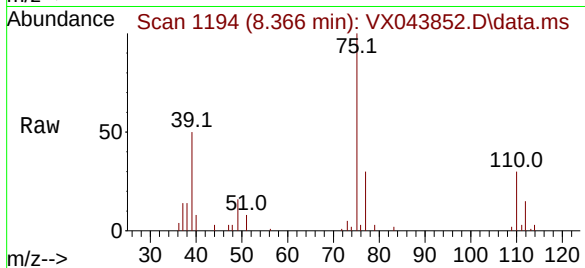




#39
 cis-1,3-Dichloropropene
 Concen: 4.004 ug/L
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.006 min
 Lab File: VX043852.D
 Acq: 14 Nov 2024 14:59

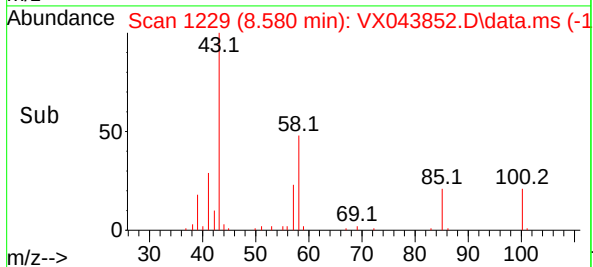
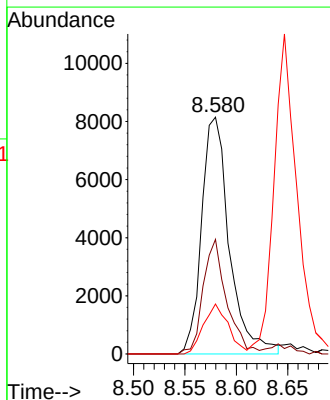
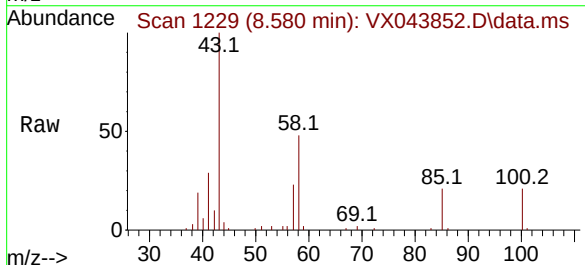
Instrument :
 MSVOA_X
 ClientSampleId :

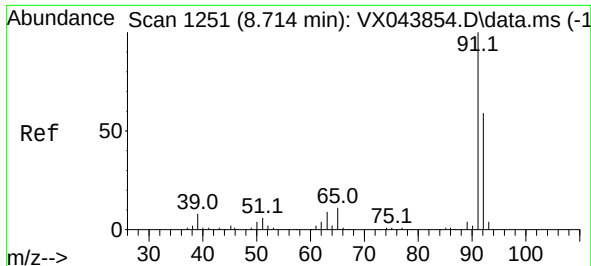
Tgt Ion: 75 Resp: 8586
 Ion Ratio Lower Upper
 75 100
 77 30.3 23.7 44.1



#40
 4-Methyl-2-pentanone
 Concen: 10.144 ug/L
 RT: 8.580 min Scan# 1229
 Delta R.T. 0.006 min
 Lab File: VX043852.D
 Acq: 14 Nov 2024 14:59

Tgt Ion: 43 Resp: 15328
 Ion Ratio Lower Upper
 43 100
 58 40.1 34.0 51.0
 100 18.9 17.2 25.8





#42

Toluene

Concen: 4.932 ug/L

RT: 8.714 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VX043852.D

Acq: 14 Nov 2024 14:59

Instrument :

MSVOA_X

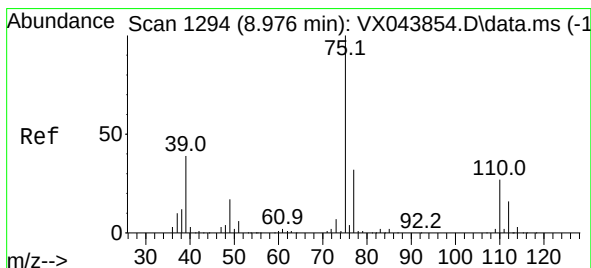
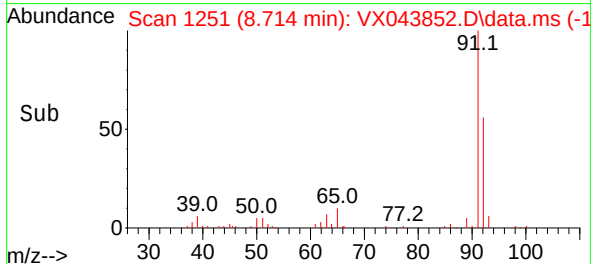
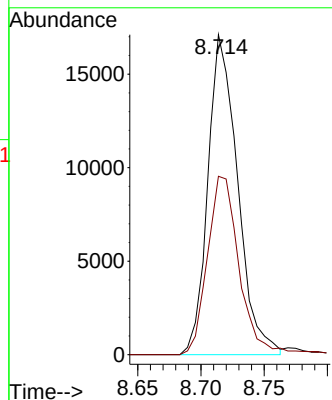
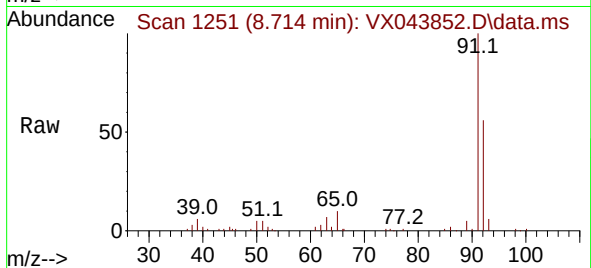
ClientSampleId :

Tgt Ion: 91 Resp: 27943

Ion Ratio Lower Upper

91 100

92 55.7 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 4.363 ug/L

RT: 8.982 min Scan# 1295

Delta R.T. 0.006 min

Lab File: VX043852.D

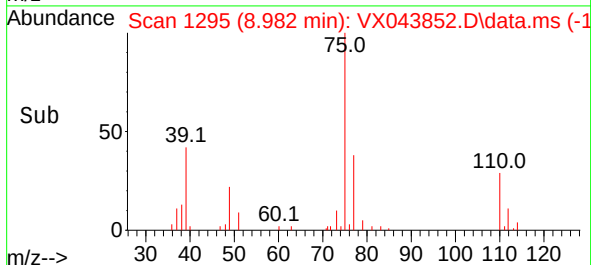
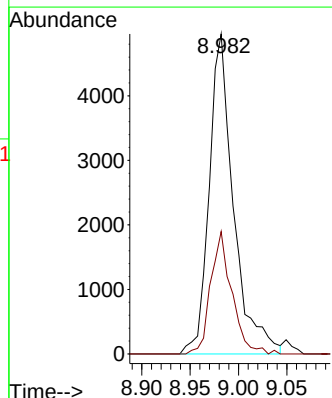
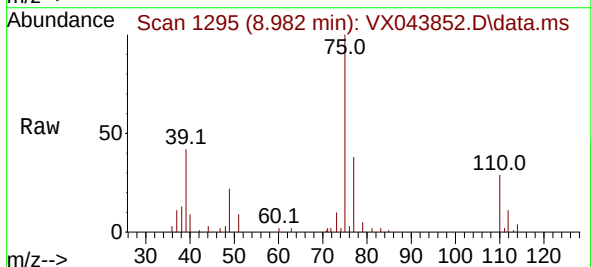
Acq: 14 Nov 2024 14:59

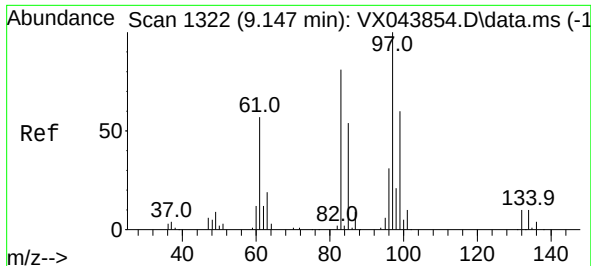
Tgt Ion: 75 Resp: 8678

Ion Ratio Lower Upper

75 100

77 38.2 22.5 41.7





#45

1,1,2-Trichloroethane

Concen: 5.184 ug/L

RT: 9.153 min Scan# 1323

Delta R.T. 0.006 min

Lab File: VX043852.D

Acq: 14 Nov 2024 14:59

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 7567

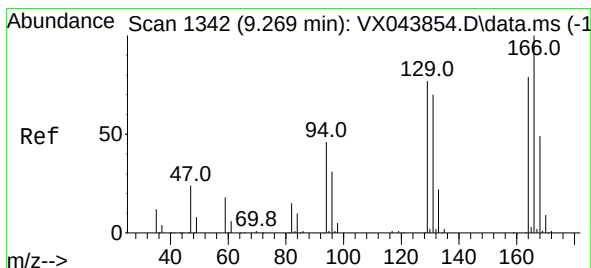
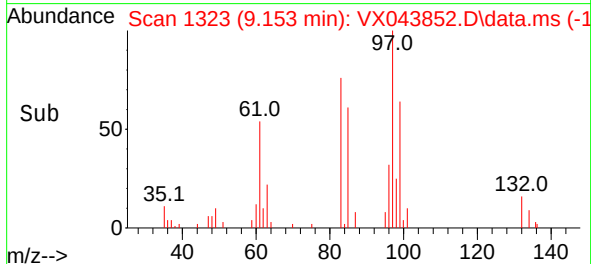
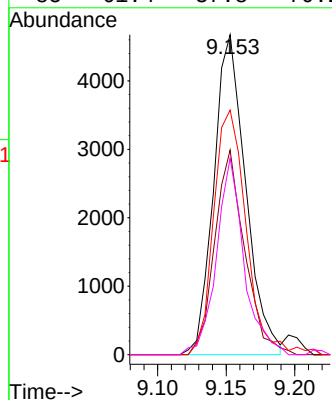
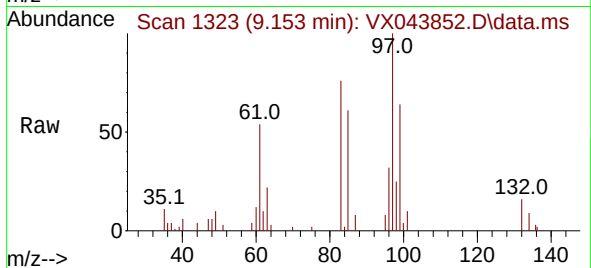
Ion Ratio Lower Upper

97 100

99 64.0 42.1 78.1

83 76.4 56.9 105.7

85 61.4 37.8 70.2



#46

Tetrachloroethene

Concen: 5.215 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VX043852.D

Acq: 14 Nov 2024 14:59

Tgt Ion: 164 Resp: 6465

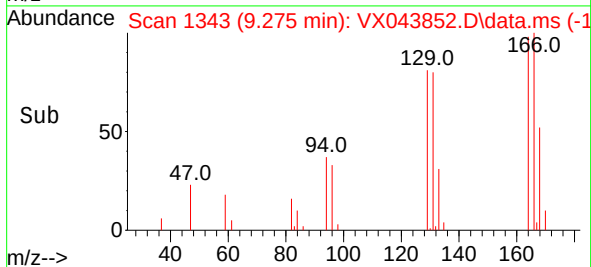
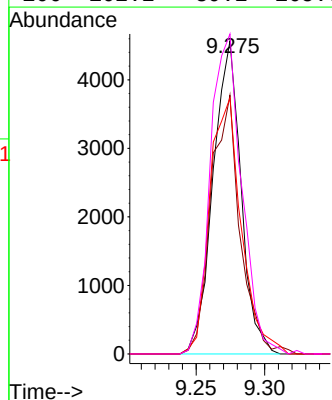
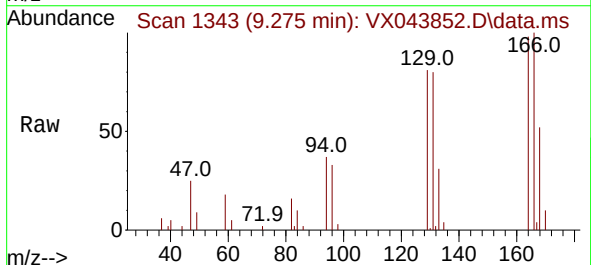
Ion Ratio Lower Upper

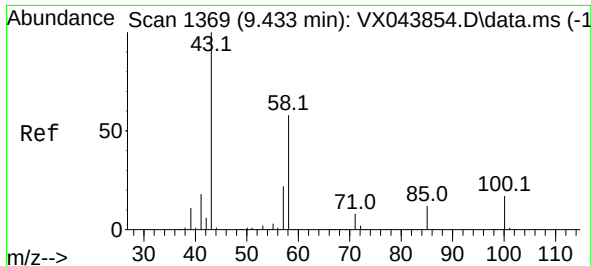
164 100

129 82.6 68.9 127.9

131 81.7 62.6 116.2

166 102.2 89.2 165.6

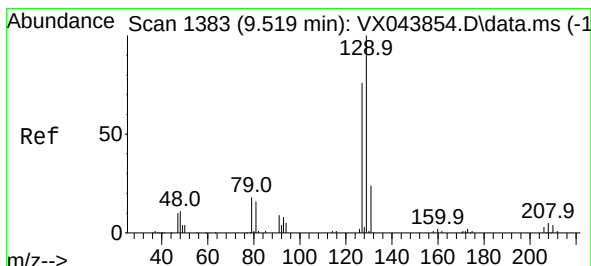
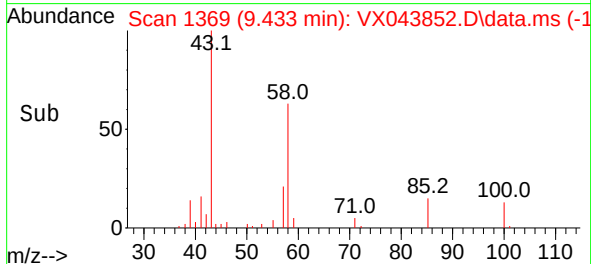
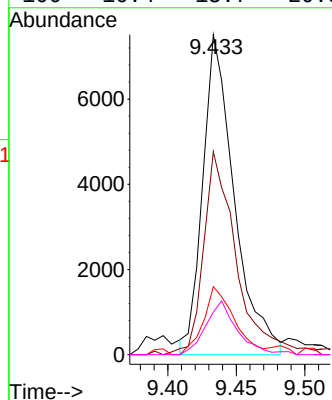
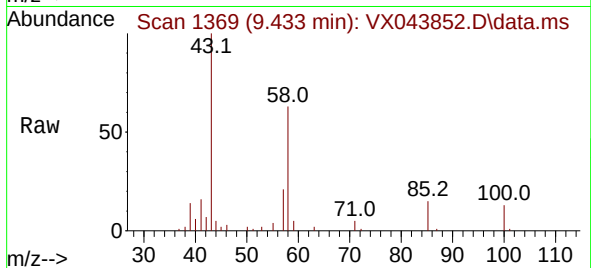




#48
2-Hexanone
Concen: 9.777 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX043852.D
Acq: 14 Nov 2024 14:59

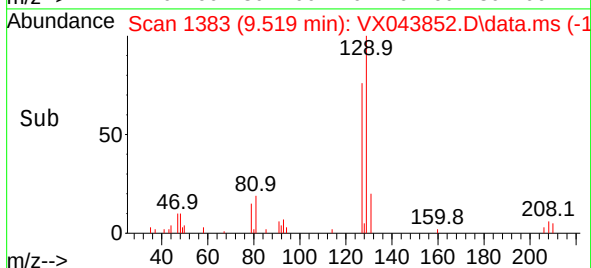
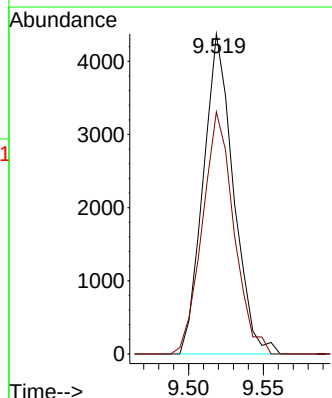
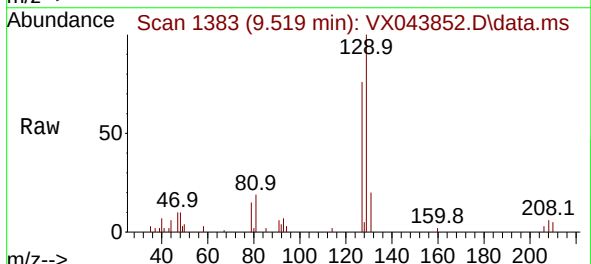
Instrument :
MSVOA_X
ClientSampleId :

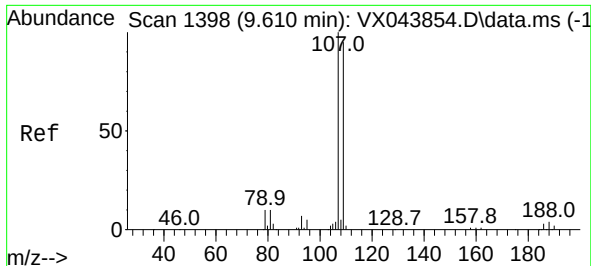
Tgt Ion:	43	Resp:	12014
Ion	Ratio	Lower	Upper
43	100		
58	65.5	47.8	71.6
57	20.8	16.6	24.8
100	16.4	13.7	20.5



#49
Dibromochloromethane
Concen: 4.274 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX043852.D
Acq: 14 Nov 2024 14:59

Tgt Ion:	129	Resp:	6136
Ion	Ratio	Lower	Upper
129	100		
127	75.6	53.3	99.1

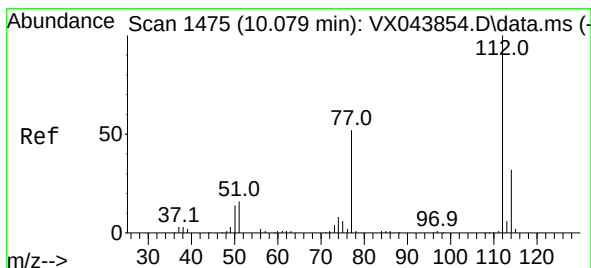
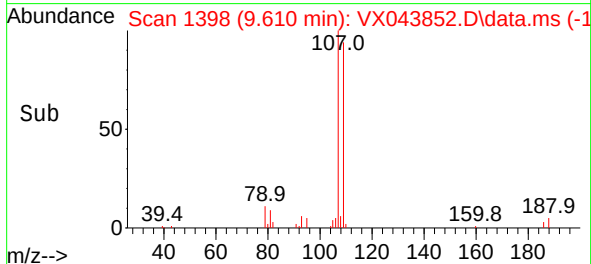
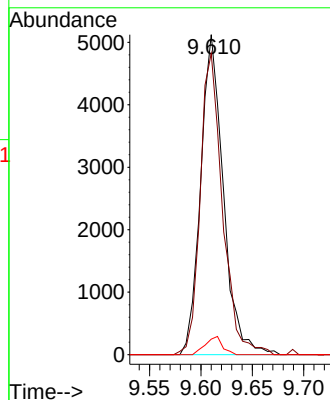
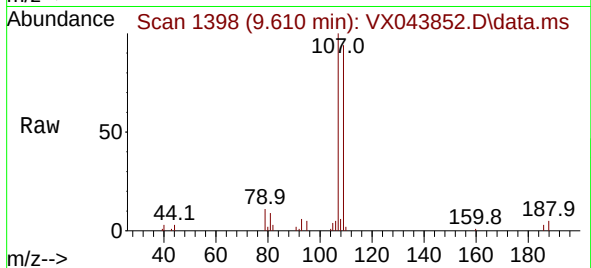




#50
1,2-Dibromoethane
Concen: 5.025 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX043852.D
Acq: 14 Nov 2024 14:59

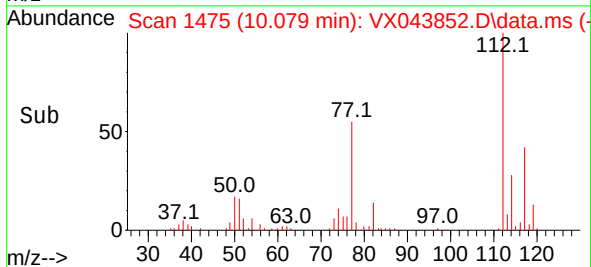
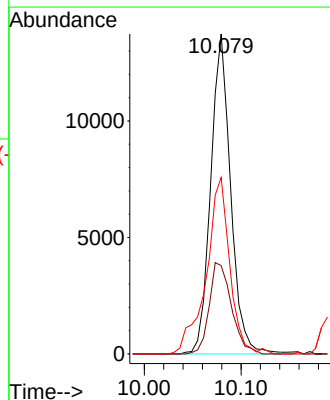
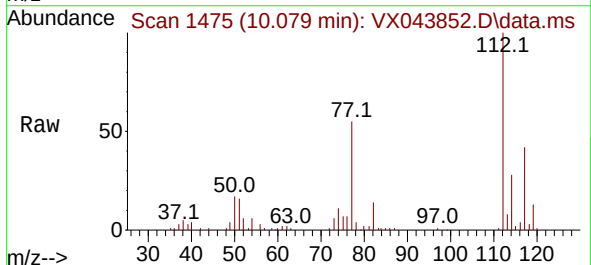
Instrument :
MSVOA_X
ClientSampleId :

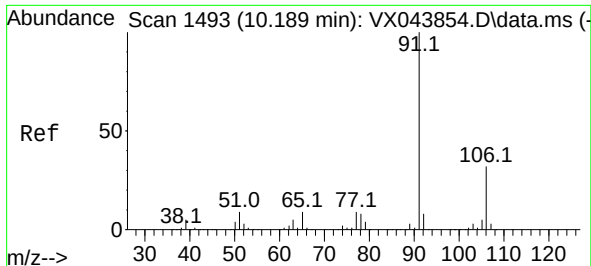
Tgt Ion:	107	Resp:	7886
Ion	Ratio	Lower	Upper
107	100		
109	94.2	66.6	123.8
188	4.9	3.4	5.0



#51
Chlorobenzene
Concen: 5.079 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX043852.D
Acq: 14 Nov 2024 14:59

Tgt Ion:	112	Resp:	19662
Ion	Ratio	Lower	Upper
112	100		
114	27.6	22.2	41.2
77	55.1	42.4	63.6





#52

Ethylbenzene

Concen: 4.738 ug/L

RT: 10.195 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VX043852.D

Acq: 14 Nov 2024 14:59

Instrument :

MSVOA_X

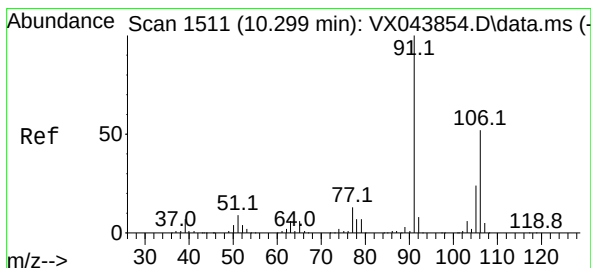
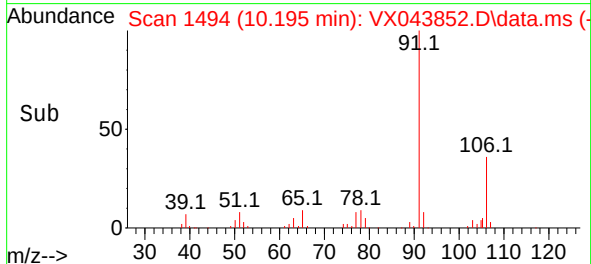
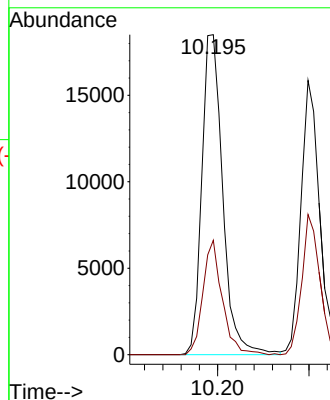
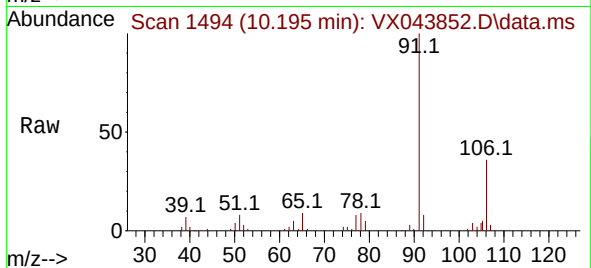
ClientSampleId :

Tgt Ion: 91 Resp: 29370

Ion Ratio Lower Upper

91 100

106 35.8 22.7 42.3



#53

m,p-Xylene

Concen: 4.646 ug/L

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX043852.D

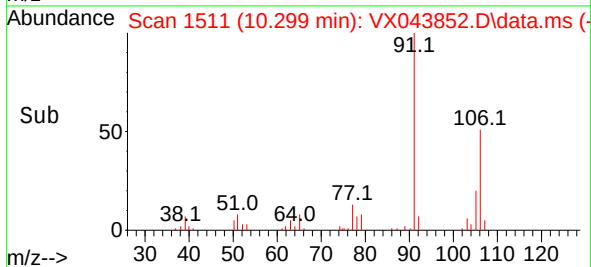
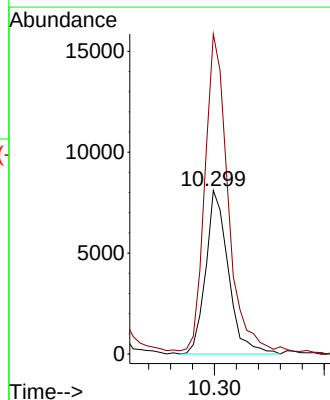
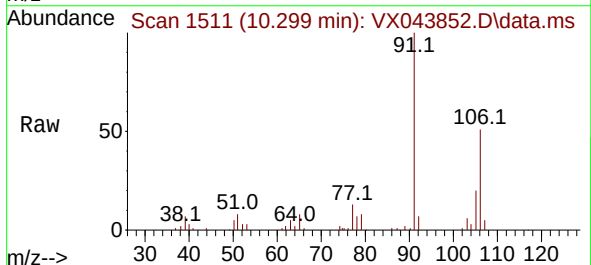
Acq: 14 Nov 2024 14:59

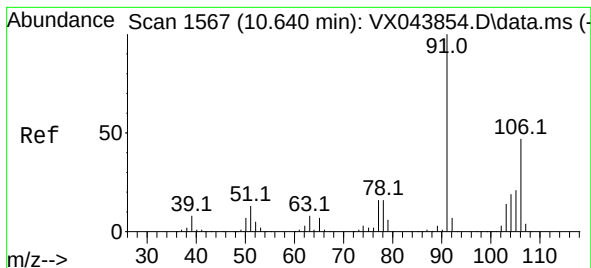
Tgt Ion: 106 Resp: 11577

Ion Ratio Lower Upper

106 100

91 195.7 134.3 249.5





#54

o-Xylene

Concen: 4.769 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX043852.D

Acq: 14 Nov 2024 14:59

Instrument :

MSVOA_X

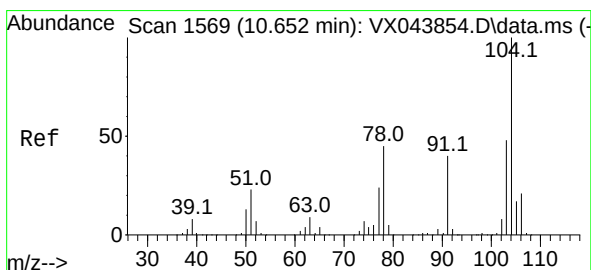
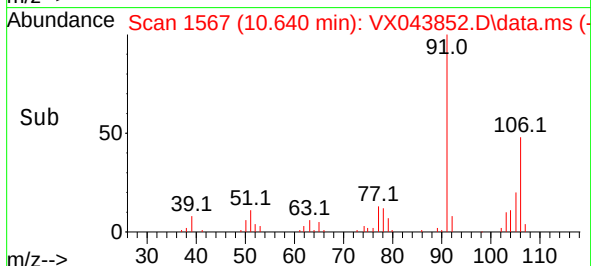
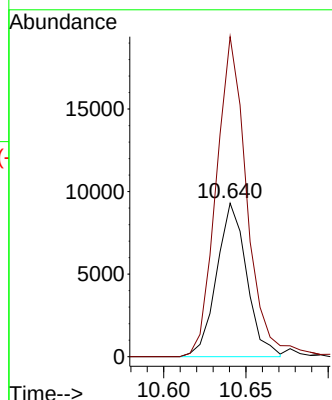
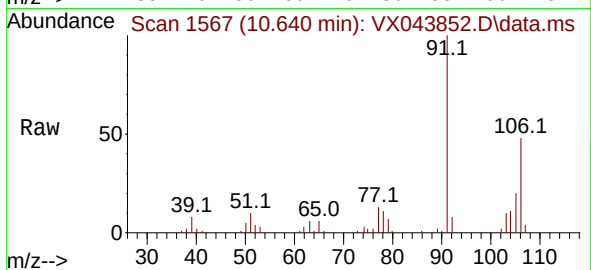
ClientSampleId :

Tgt Ion:106 Resp: 11832

Ion Ratio Lower Upper

106 100

91 208.5 149.7 277.9



#55

Styrene

Concen: 4.530 ug/L

RT: 10.659 min Scan# 1570

Delta R.T. 0.006 min

Lab File: VX043852.D

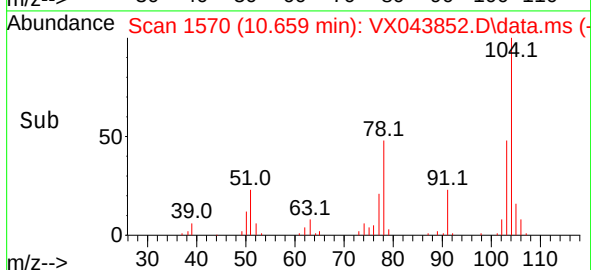
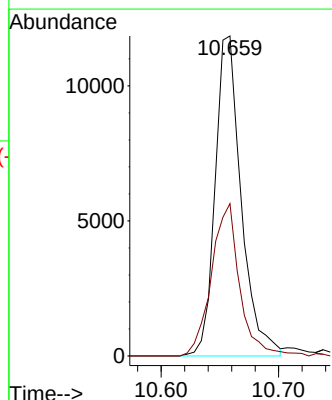
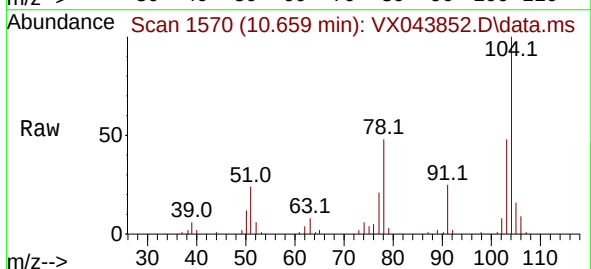
Acq: 14 Nov 2024 14:59

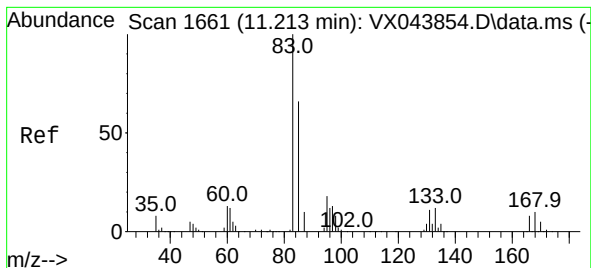
Tgt Ion:104 Resp: 18290

Ion Ratio Lower Upper

104 100

78 47.6 31.6 58.6





#57

1,1,2,2-Tetrachloroethane

Concen: 5.061 ug/L

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX043852.D

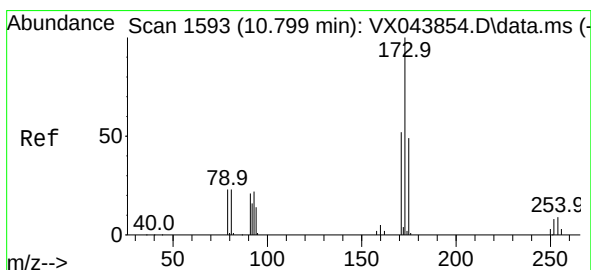
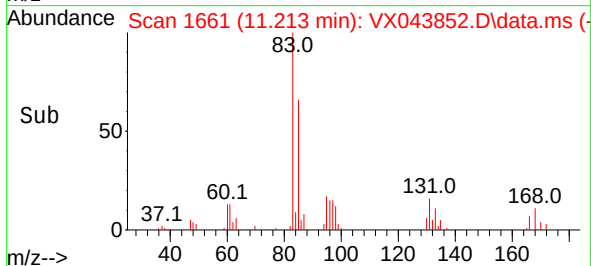
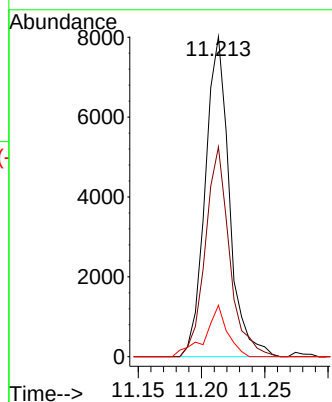
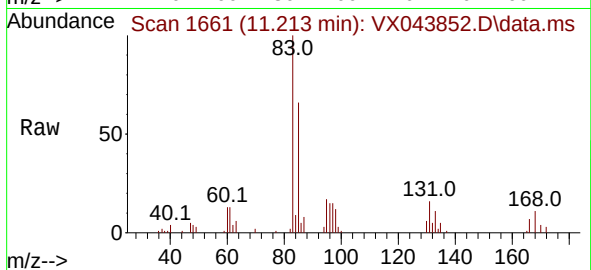
Acq: 14 Nov 2024 14:59

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	83	Resp:	10654
Ion	Ratio	Lower	Upper
83	100		
85	65.6	46.2	85.8
131	16.0	9.2	13.8#



#59

Bromoform

Concen: 4.460 ug/L

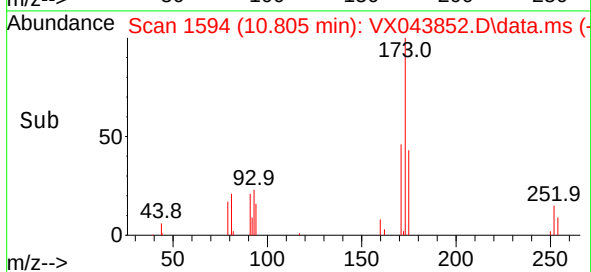
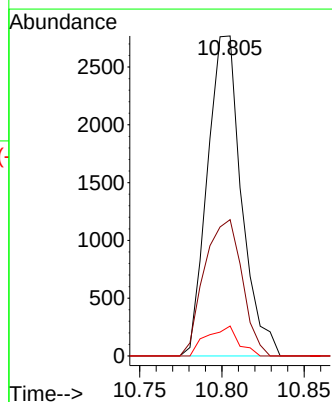
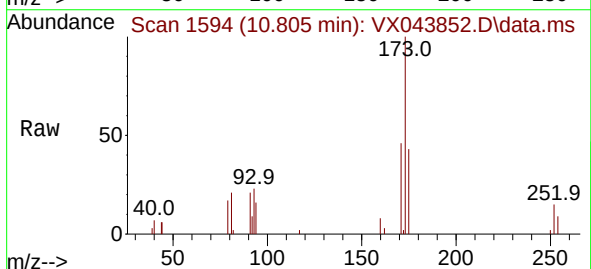
RT: 10.805 min Scan# 1594

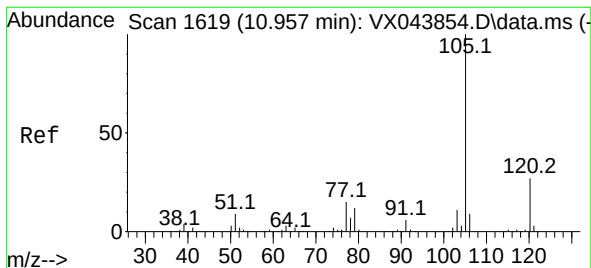
Delta R.T. 0.006 min

Lab File: VX043852.D

Acq: 14 Nov 2024 14:59

Tgt Ion:	173	Resp:	3996
Ion	Ratio	Lower	Upper
173	100		
175	47.1	40.0	60.0
254	8.7	7.0	10.4





#60

Isopropylbenzene

Concen: 5.053 ug/L

RT: 10.963 min Scan# 1620

Delta R.T. 0.006 min

Lab File: VX043852.D

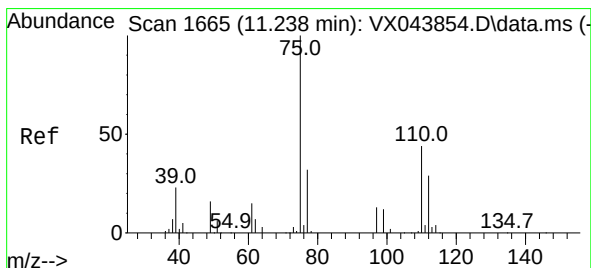
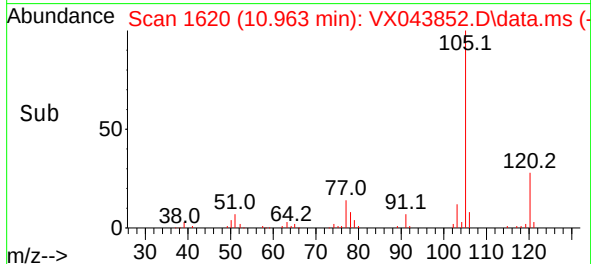
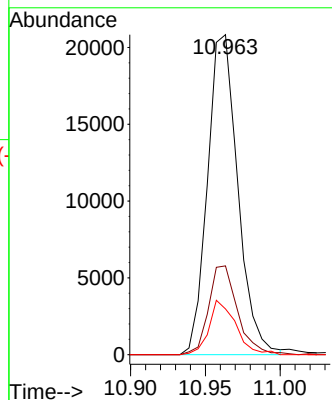
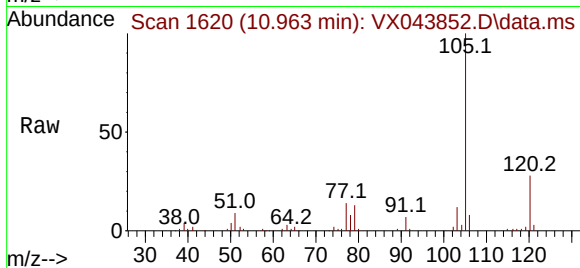
Acq: 14 Nov 2024 14:59

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	105	Resp:	29411
Ion Ratio	Lower	Upper	
105	100		
120	26.4	22.4	33.6
77	15.0	11.7	17.5



#61

1,2,3-Trichloropropane

Concen: 5.596 ug/L

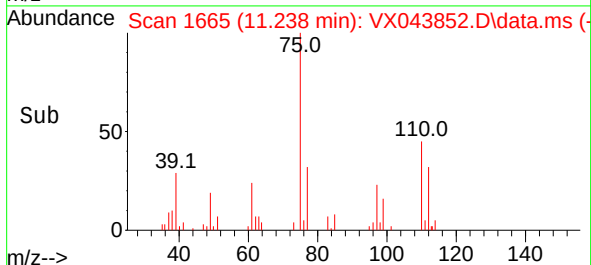
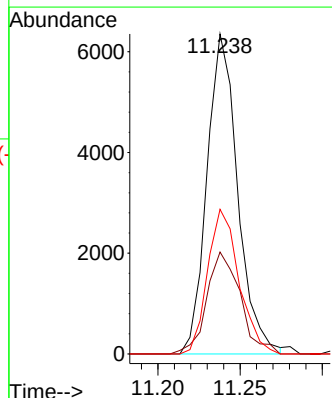
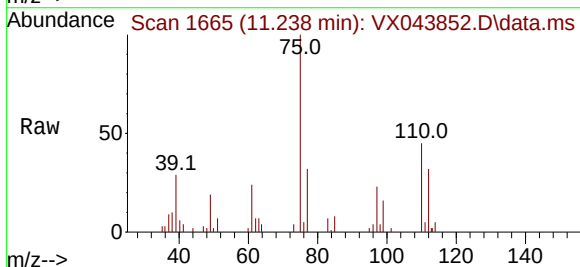
RT: 11.238 min Scan# 1665

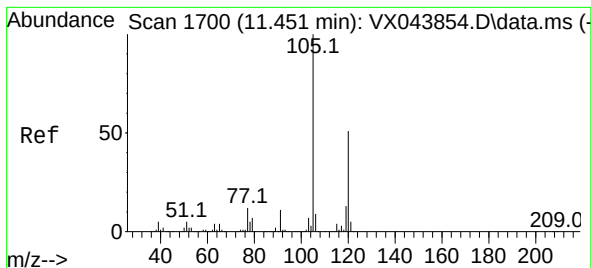
Delta R.T. 0.000 min

Lab File: VX043852.D

Acq: 14 Nov 2024 14:59

Tgt Ion:	75	Resp:	8260
Ion Ratio	Lower	Upper	
75	100		
77	33.8	25.7	38.5
110	46.2	37.0	55.6

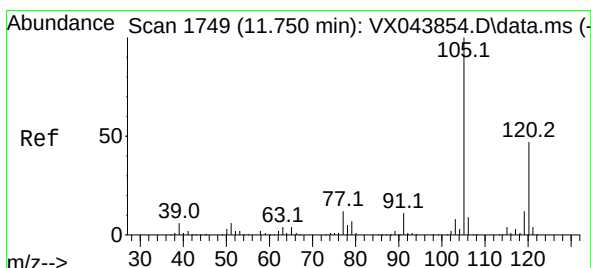
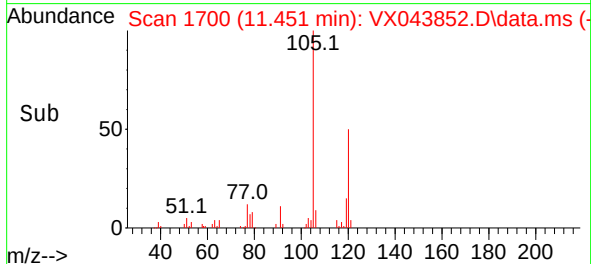
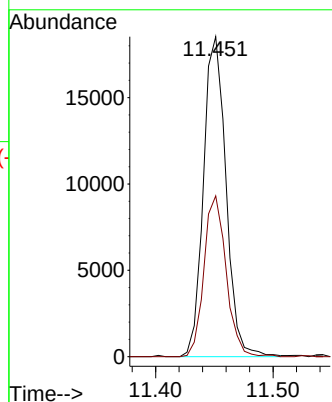
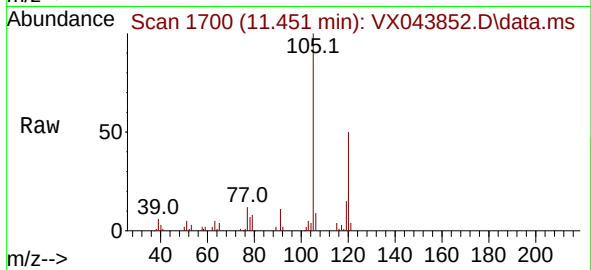




#62
1,3,5-Trimethylbenzene
Concen: 5.032 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX043852.D
Acq: 14 Nov 2024 14:59

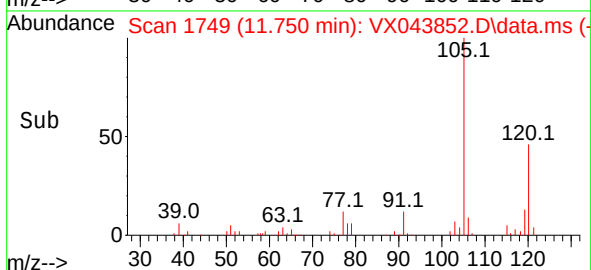
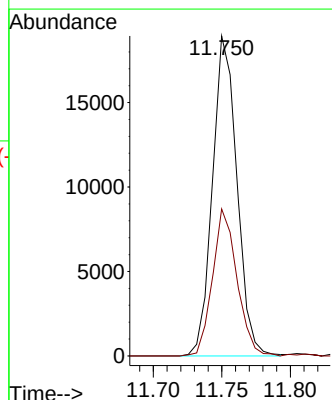
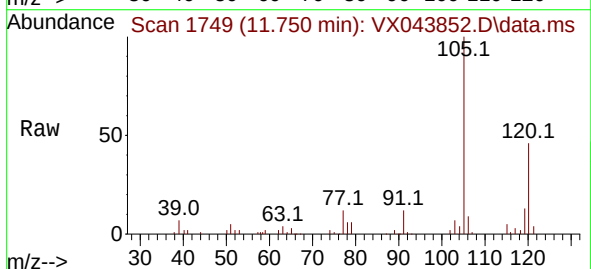
Instrument :
MSVOA_X
ClientSampleId :

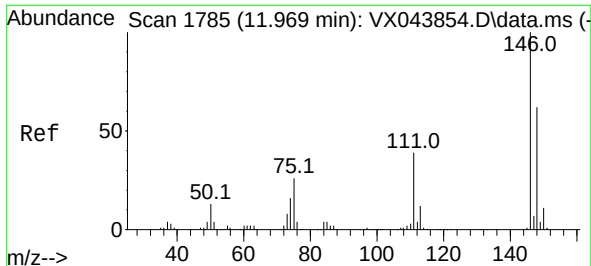
Tgt Ion:105 Resp: 24665
Ion Ratio Lower Upper
105 100
120 49.3 39.6 59.4



#63
1,2,4-Trimethylbenzene
Concen: 4.816 ug/L
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX043852.D
Acq: 14 Nov 2024 14:59

Tgt Ion:105 Resp: 23499
Ion Ratio Lower Upper
105 100
120 45.8 37.6 56.4





#64

1,3-Dichlorobenzene

Concen: 5.144 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

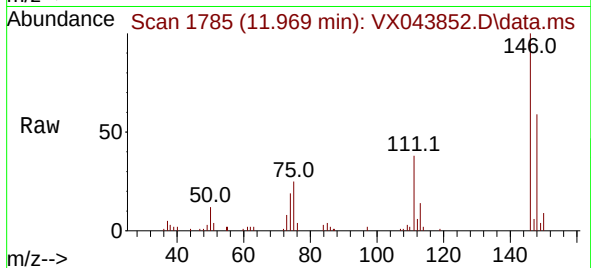
Lab File: VX043852.D

Acq: 14 Nov 2024 14:59

Instrument :

MSVOA_X

ClientSampleId :



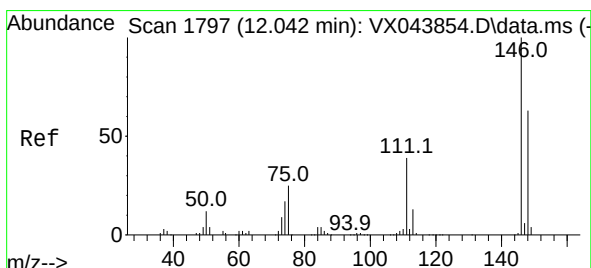
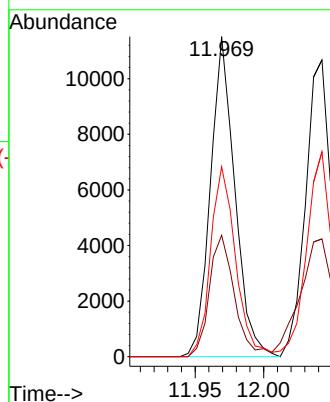
Tgt Ion:146 Resp: 14224

Ion Ratio Lower Upper

146 100

111 37.9 27.2 50.4

148 59.4 43.5 80.7



#65

1,4-Dichlorobenzene

Concen: 5.196 ug/L

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX043852.D

Acq: 14 Nov 2024 14:59

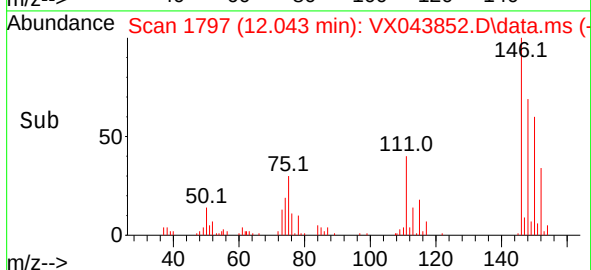
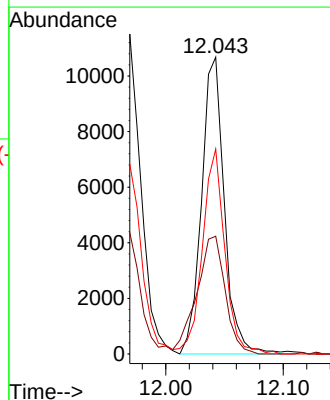
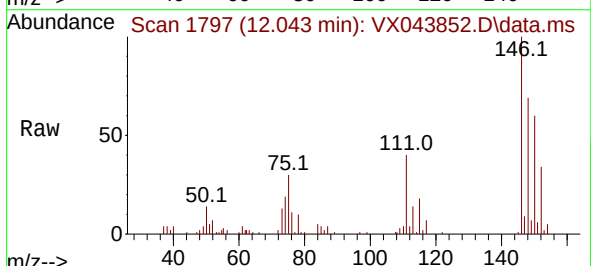
Tgt Ion:146 Resp: 14349

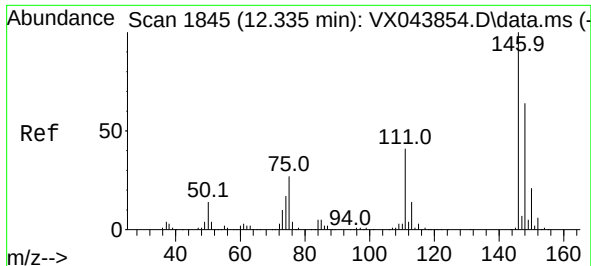
Ion Ratio Lower Upper

146 100

111 39.7 27.5 51.1

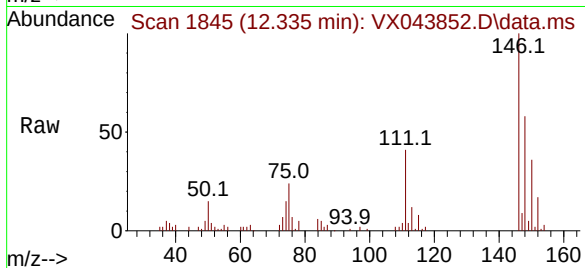
148 69.1 44.0 81.8



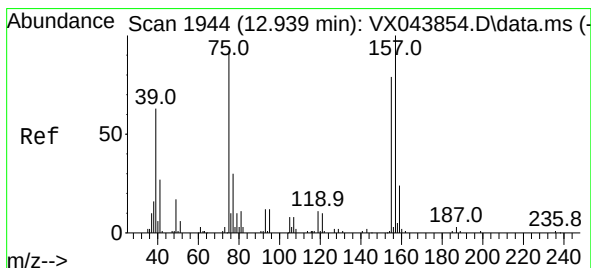
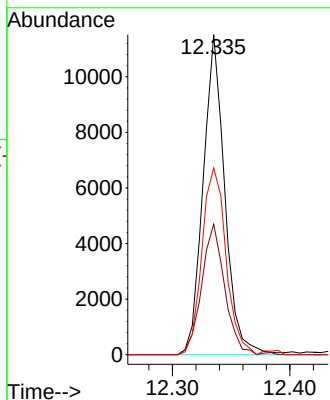
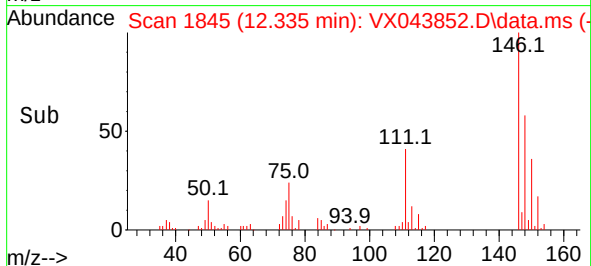


#67
1,2-Dichlorobenzene
Concen: 5.209 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX043852.D
Acq: 14 Nov 2024 14:59

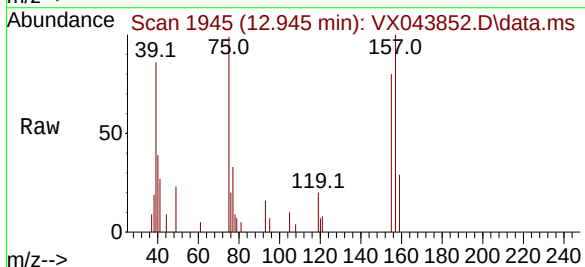
Instrument :
MSVOA_X
ClientSampleId :



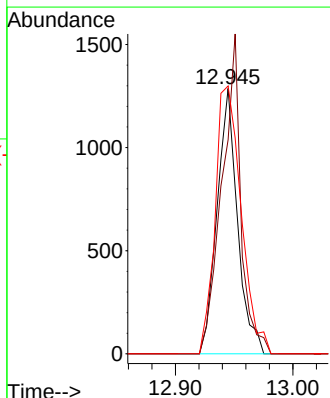
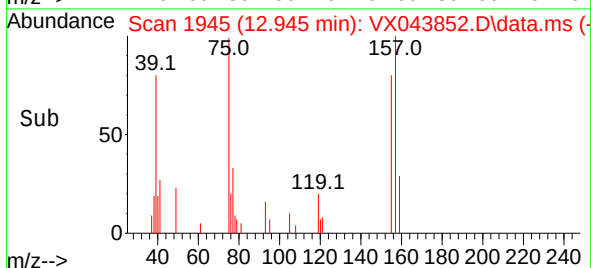
Tgt Ion:146 Resp: 14685
Ion Ratio Lower Upper
146 100
111 40.8 33.0 49.4
148 58.4 51.5 77.3

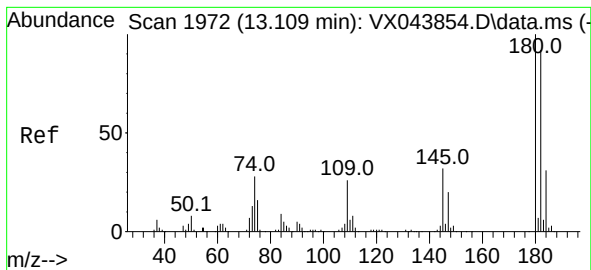


#68
1,2-Dibromo-3-chloropropane
Concen: 4.360 ug/L
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX043852.D
Acq: 14 Nov 2024 14:59



Tgt Ion: 75 Resp: 1555
Ion Ratio Lower Upper
75 100
155 80.7 68.7 103.1
157 100.9 87.2 130.8





#69

1,3,5-Trichlorobenzene

Concen: 4.836 ug/L

RT: 13.109 min Scan# 1972

Delta R.T. 0.000 min

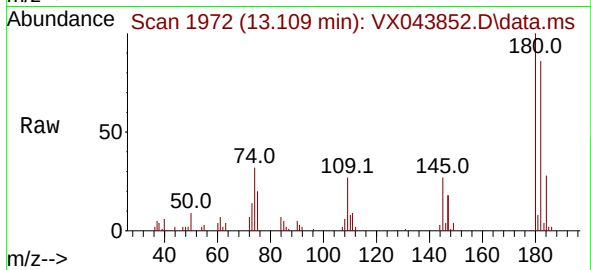
Lab File: VX043852.D

Acq: 14 Nov 2024 14:59

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 8961

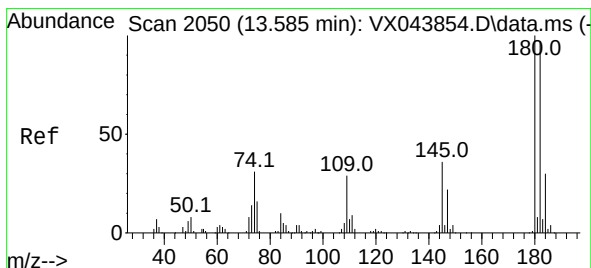
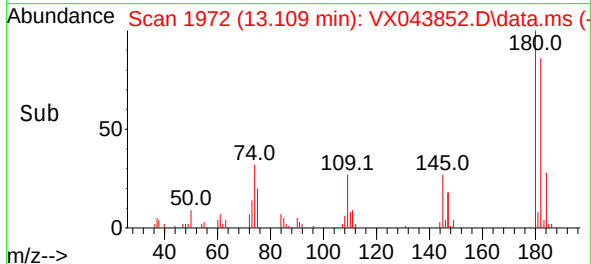
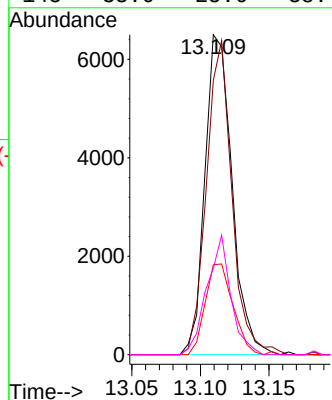
Ion Ratio Lower Upper

180 100

182 92.2 74.5 111.7

184 28.9 23.9 35.9

145 33.0 25.6 38.4



#70

1,2,4-trichlorobenzene

Concen: 4.512 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX043852.D

Acq: 14 Nov 2024 14:59

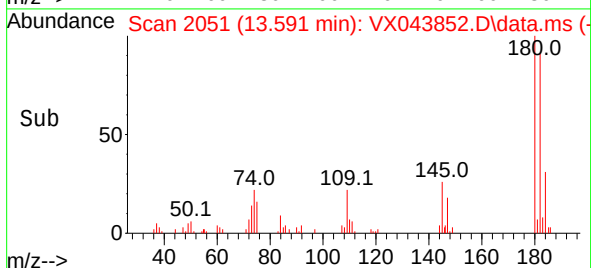
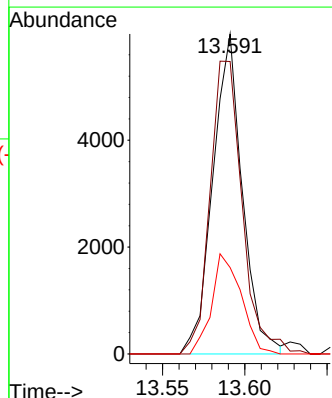
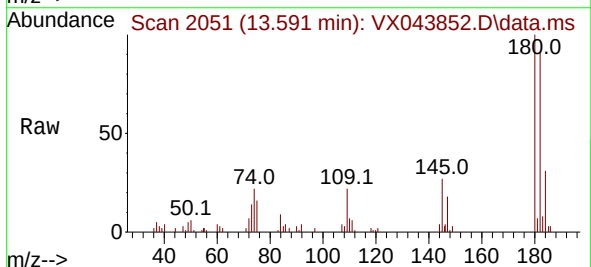
Tgt Ion:180 Resp: 7482

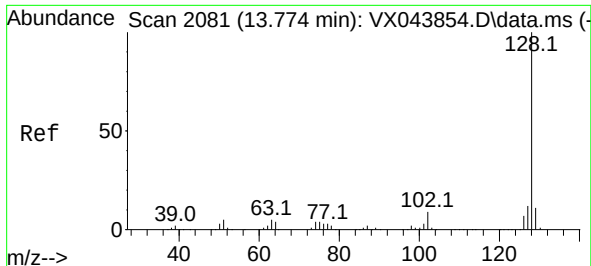
Ion Ratio Lower Upper

180 100

182 99.8 75.7 113.5

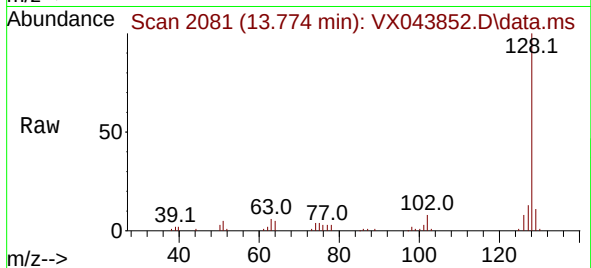
145 31.3 26.5 39.7



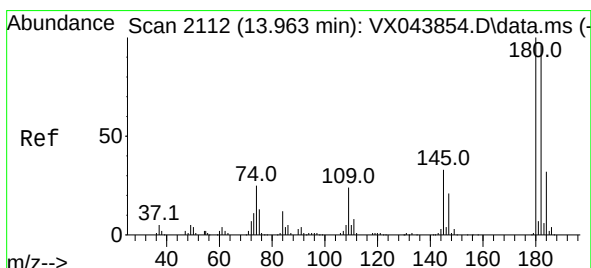
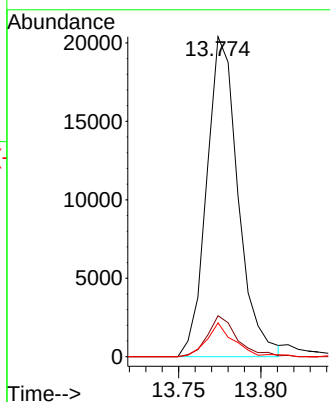
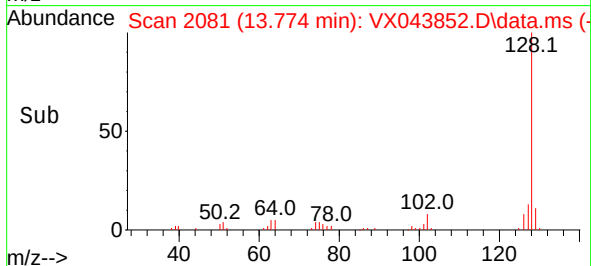


#71
Naphthalene
Concen: 4.661 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX043852.D
Acq: 14 Nov 2024 14:59

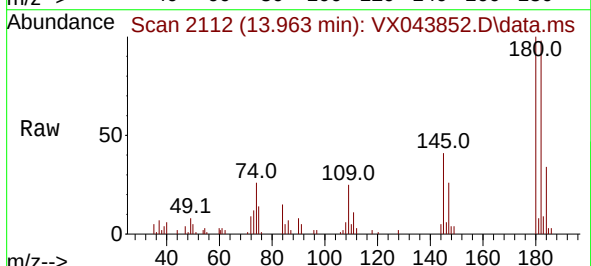
Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 27152
Ion Ratio Lower Upper
128 100
127 12.1 9.8 14.6
129 8.8 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 4.565 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX043852.D
Acq: 14 Nov 2024 14:59



Tgt Ion:180 Resp: 7772
Ion Ratio Lower Upper
180 100
182 102.1 75.7 113.5
145 36.0 27.6 41.4

