

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111124\
 Data File : VX043784.D
 Acq On : 11 Nov 2024 12:13
 Operator : JC/MD
 Sample : P4742-21MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 12 00:52:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML110424WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 12 00:51:02 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	279922	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	253323	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	126399	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	80319	53.860	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 107.720%	
7) Chloroethane-d5	1.648	69	43269	67.502	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 135.000%#	
11) 1,1-Dichloroethene-d2	2.294	65	36399	52.874	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 105.740%	
21) 2-Butanone-d5	4.464	46	109718	112.370	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	= 112.370%	
24) Chloroform-d	5.050	84	182143	56.658	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 113.320%	
26) 1,2-Dichloroethane-d4	5.952	65	110271	53.995	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 107.980%	
32) Benzene-d6	5.964	84	360818	55.092	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 110.180%	
36) 1,2-Dichloropropane-d6	7.305	67	106332	53.364	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 106.720%	
41) Toluene-d8	8.647	98	333353	56.030	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 112.060%	
43) trans-1,3-Dichloroprop...	8.951	79	51719	54.274	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 108.540%	
47) 2-Hexanone-d5	9.384	63	89261	113.194	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 113.190%	
56) 1,1,2,2-Tetrachloroeth...	11.189	84	159780	62.497	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 125.000%#	
66) 1,2-Dichlorobenzene-d4	12.317	152	134732	61.521	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 123.040%#	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	93184	47.266	ug/L	100
3) Chloromethane	1.294	50	92613	48.338	ug/L	99
5) Vinyl chloride	1.374	62	92561	49.320	ug/L	98
6) Bromomethane	1.593	94	44434	61.098	ug/L	98
8) Chloroethane	1.660	64	39398	59.667	ug/L	99
9) Trichlorofluoromethane	1.867	101	129379	54.324	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.312	101	88669	54.209	ug/L	96
12) 1,1-Dichloroethene	2.306	96	81365	54.490	ug/L	84
13) Acetone	2.386	43	74933	82.515	ug/L	95
14) Carbon disulfide	2.501	76	145826	44.177	ug/L	100
15) Methyl Acetate	2.703	43	84693	44.105	ug/L	91
16) Methylene chloride	2.782	84	93641	51.907	ug/L	94
17) trans-1,2-Dichloroethene	3.087	96	84226	52.430	ug/L	88
18) Methyl tert-butyl Ether	3.117	73	303118	49.636	ug/L	98
19) 1,1-Dichloroethane	3.605	63	154269	48.768	ug/L	97
20) cis-1,2-Dichloroethene	4.483	96	103419	51.832	ug/L	92
22) 2-Butanone	4.568	43	118303	90.046	ug/L	94
23) Bromochloromethane	4.891	128	54410	54.249	ug/L	88
25) Chloroform	5.086	83	172787	50.901	ug/L	99

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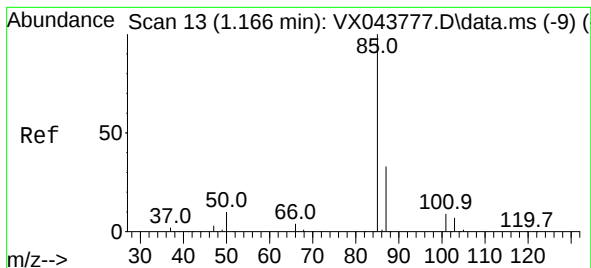
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	128946	49.161	ug/L	98
29) Cyclohexane	5.458	56	132398	45.042	ug/L	94
30) 1,1,1-Trichloroethane	5.373	97	144233	47.000	ug/L	98
31) Carbon tetrachloride	5.665	117	121995	48.458	ug/L	99
33) Benzene	6.031	78	358985	49.717	ug/L	100
34) Trichloroethene	7.123	95	140325	72.287	ug/L	97
35) Methylcyclohexane	7.372	83	140513	48.449	ug/L	95
37) 1,2-Dichloropropane	7.427	63	94405	49.082	ug/L	98
38) Bromodichloromethane	7.818	83	116229	47.511	ug/L	96
39) cis-1,3-Dichloropropene	8.366	75	154597	49.235	ug/L	100
40) 4-Methyl-2-pentanone	8.573	43	246834	94.286	ug/L	95
42) Toluene	8.714	91	387902	51.076	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	140052	48.914	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	104075	52.768	ug/L	98
46) Tetrachloroethene	9.275	164	76821	54.979	ug/L	92
48) 2-Hexanone	9.433	43	187687	95.911	ug/L	97
49) Dibromochloromethane	9.518	129	96400	52.438	ug/L	100
50) 1,2-Dibromoethane	9.610	107	108457	53.258	ug/L #	95
51) Chlorobenzene	10.079	112	265951	53.582	ug/L	96
52) Ethylbenzene	10.189	91	424961	51.478	ug/L	99
53) m,p-Xylene	10.299	106	170059	53.365	ug/L	96
54) o-Xylene	10.640	106	174880	55.046	ug/L	94
55) Styrene	10.652	104	291095	55.081	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.213	83	160575	54.359	ug/L	100
59) Bromoform	10.799	173	66451	50.261	ug/L	96
60) Isopropylbenzene	10.963	105	437845	49.957	ug/L	97
61) 1,2,3-Trichloropropane	11.238	75	120447	49.092	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	367627	49.903	ug/L	97
63) 1,2,4-Trimethylbenzene	11.750	105	368449	50.232	ug/L	97
64) 1,3-Dichlorobenzene	11.969	146	205849	53.396	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	202094	52.047	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	206959	52.532	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	28373	46.183	ug/L #	69
69) 1,3,5-Trichlorobenzene	13.109	180	133607	51.962	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	121138	51.382	ug/L	98
71) Naphthalene	13.774	128	454128	51.871	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	128636	52.794	ug/L	99

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

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MSVOA_X
ClientSampleId :

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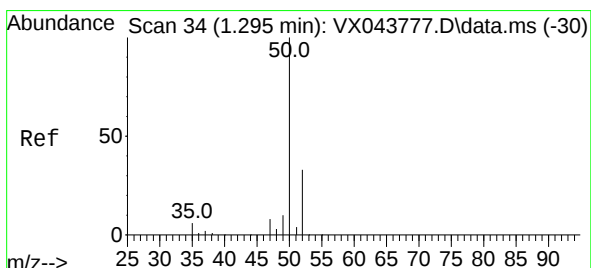
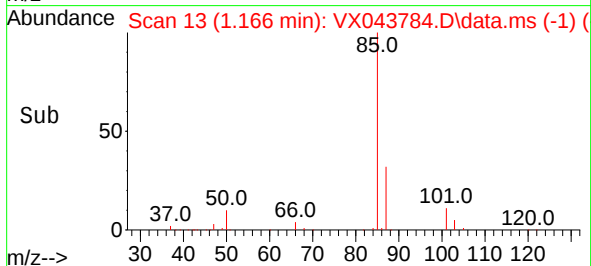
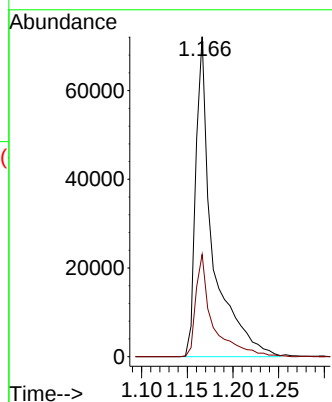
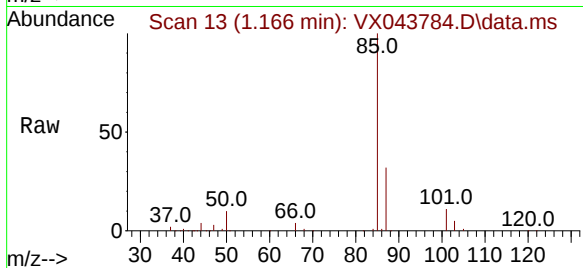




#2
Dichlorodifluoromethane
Concen: 47.266 ug/L
RT: 1.166 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX043784.D
Acq: 11 Nov 2024 12:13

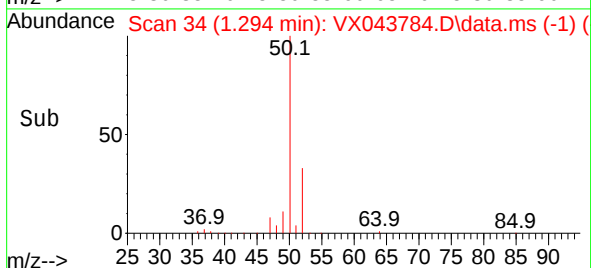
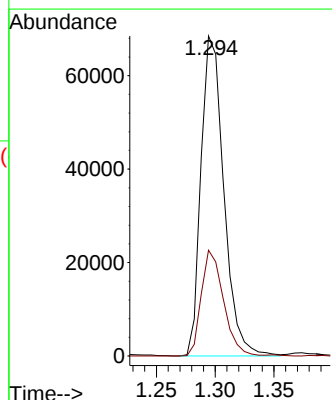
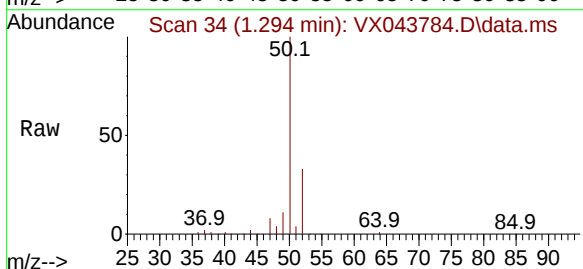
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MSVOA_X
ClientSampleId :

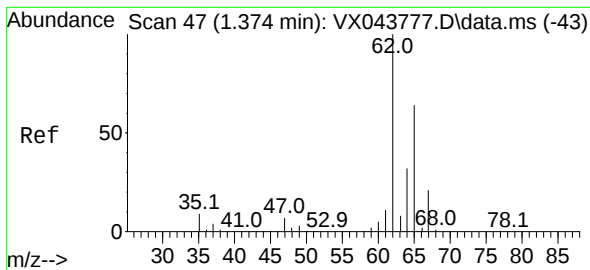
Tgt Ion: 85 Resp: 93184
Ion Ratio Lower Upper
85 100
87 31.8 25.6 38.4



#3
Chloromethane
Concen: 48.338 ug/L
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX043784.D
Acq: 11 Nov 2024 12:13

Tgt Ion: 50 Resp: 92613
Ion Ratio Lower Upper
50 100
52 33.0 23.4 43.4





#5

Vinyl chloride

Concen: 49.320 ug/L

RT: 1.374 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX043784.D

Acq: 11 Nov 2024 12:13

Instrument :

MSVOA_X

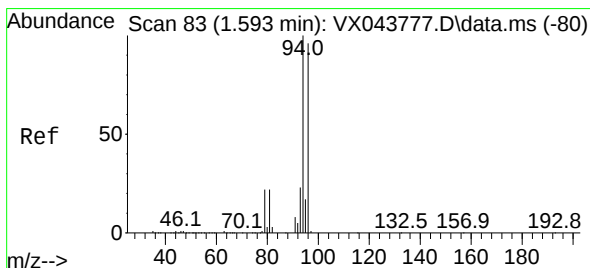
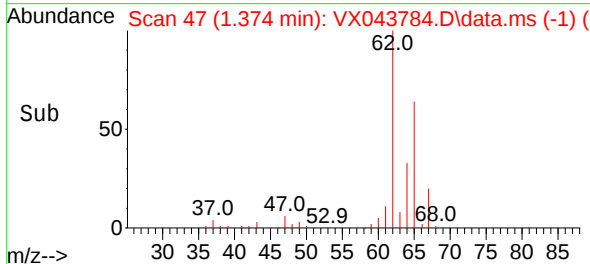
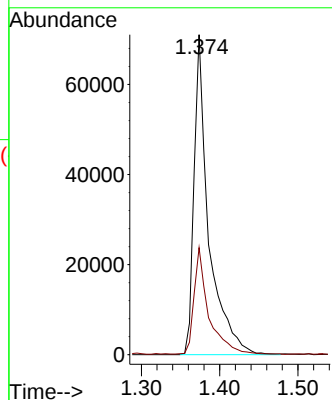
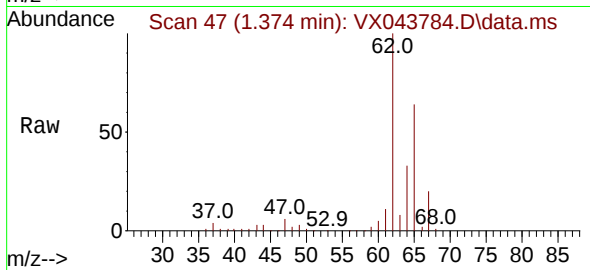
ClientSampleId :

Tgt Ion: 62 Resp: 92561

Ion Ratio Lower Upper

62 100

64 33.4 24.0 44.6



#6

Bromomethane

Concen: 61.098 ug/L

RT: 1.593 min Scan# 83

Delta R.T. -0.000 min

Lab File: VX043784.D

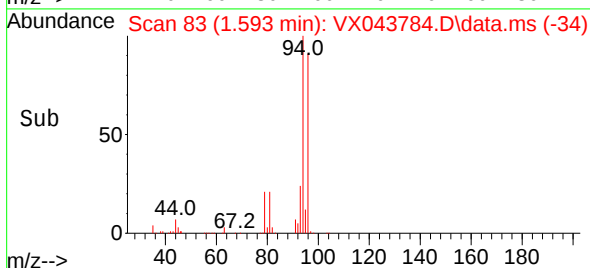
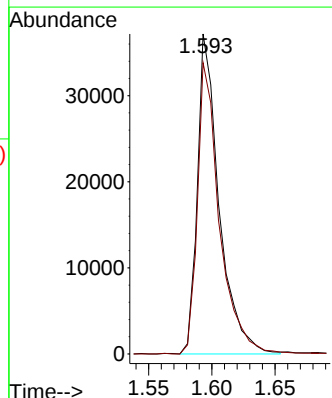
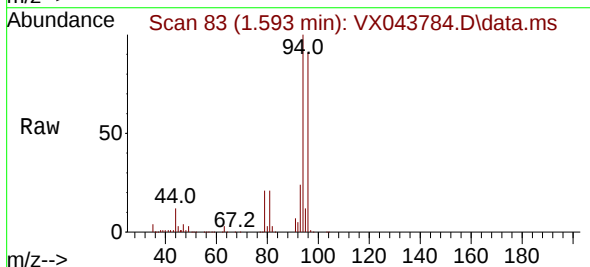
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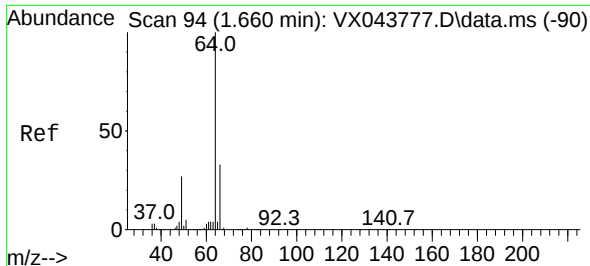
Tgt Ion: 94 Resp: 44434

Ion Ratio Lower Upper

94 100

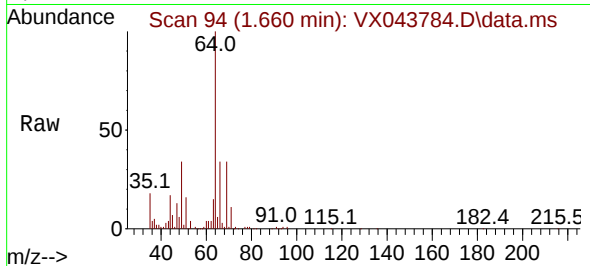
96 91.0 65.0 120.8



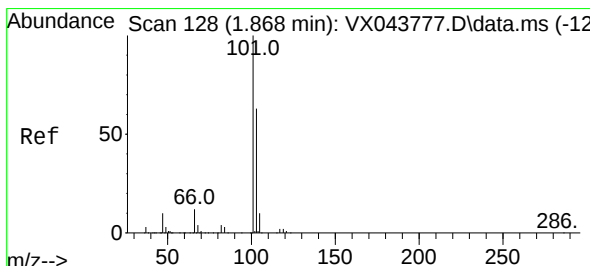
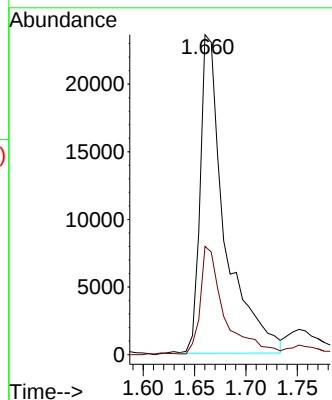
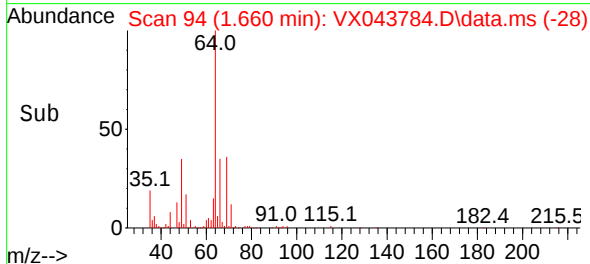


#8
Chloroethane
Concen: 59.667 ug/L
RT: 1.660 min Scan# 94
Delta R.T. -0.000 min
Lab File: VX043784.D
Acq: 11 Nov 2024 12:13

Instrument :
MSVOA_X
ClientSampleId :

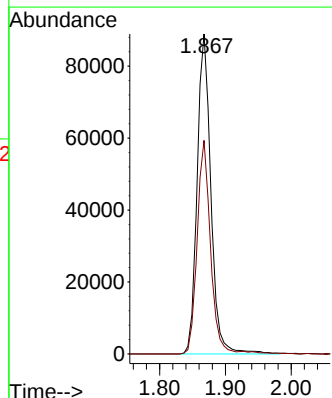
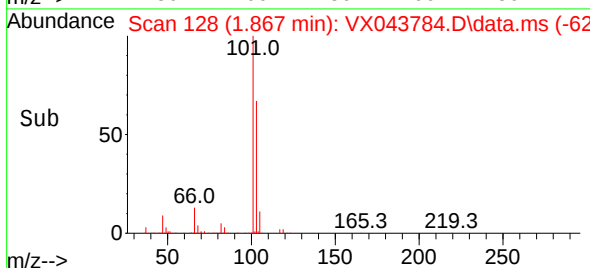
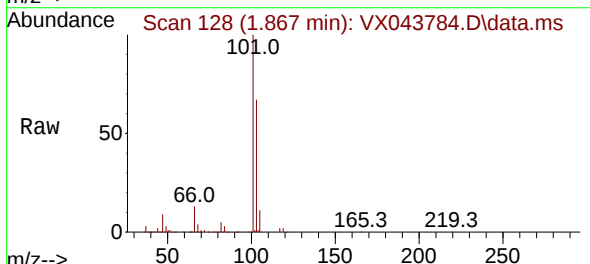


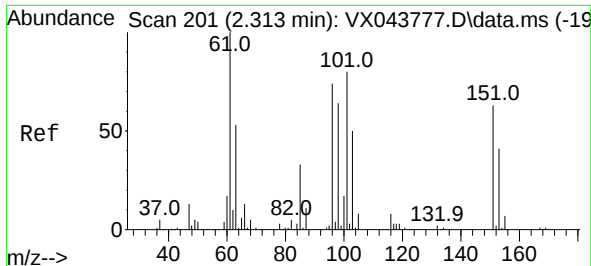
Tgt Ion: 64 Resp: 39398
Ion Ratio Lower Upper
64 100
66 33.9 23.2 43.2



#9
Trichlorofluoromethane
Concen: 54.324 ug/L
RT: 1.867 min Scan# 128
Delta R.T. -0.000 min
Lab File: VX043784.D
Acq: 11 Nov 2024 12:13

Tgt Ion:101 Resp: 129379
Ion Ratio Lower Upper
101 100
103 64.1 51.6 77.4

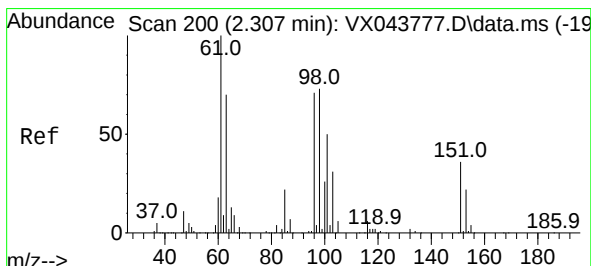
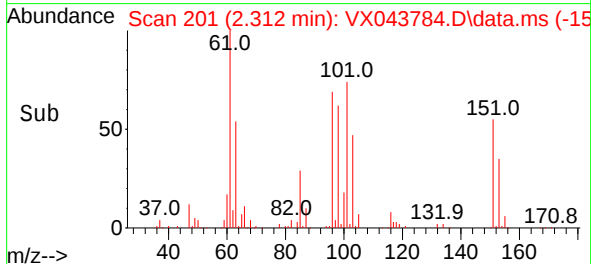
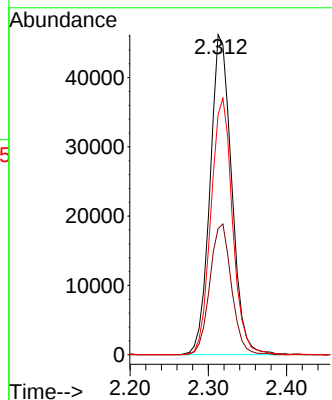
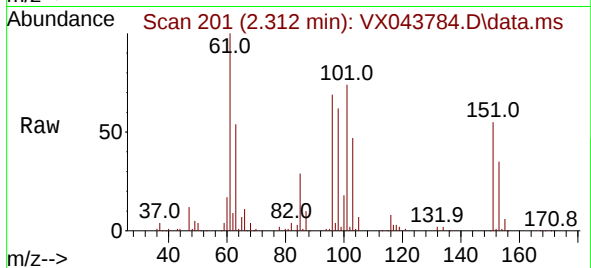




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 54.209 ug/L
RT: 2.312 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX043784.D
Acq: 11 Nov 2024 12:13

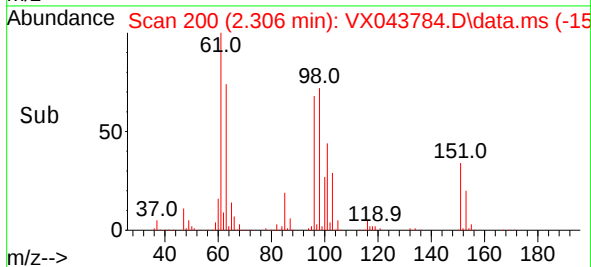
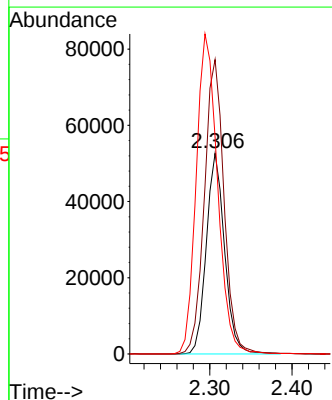
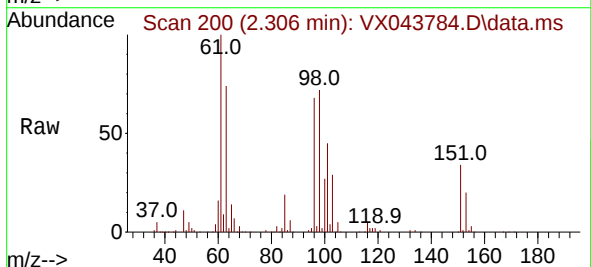
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MSVOA_X
ClientSampleId :

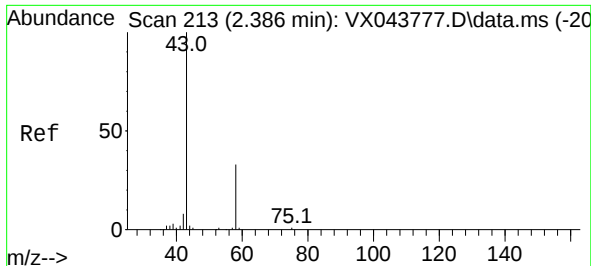
Tgt Ion:101 Resp: 88669
Ion Ratio Lower Upper
101 100
85 40.7 34.0 51.0
151 79.8 60.2 90.4



#12
1,1-Dichloroethene
Concen: 54.490 ug/L
RT: 2.306 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX043784.D
Acq: 11 Nov 2024 12:13

Tgt Ion: 96 Resp: 81365
Ion Ratio Lower Upper
96 100
61 146.7 119.7 222.3
63 108.0 86.5 160.6





#13

Acetone

Concen: 82.515 ug/L

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX043784.D

Acq: 11 Nov 2024 12:13

Instrument :

MSVOA_X

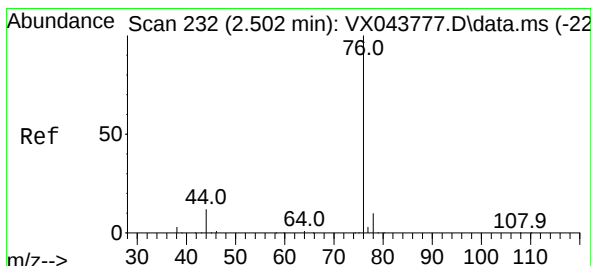
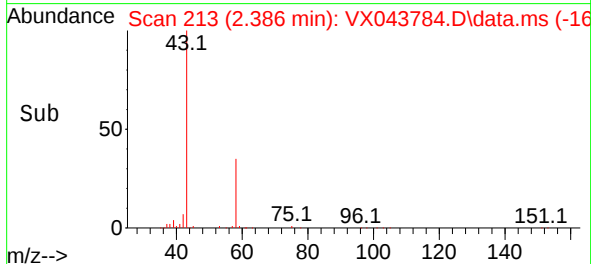
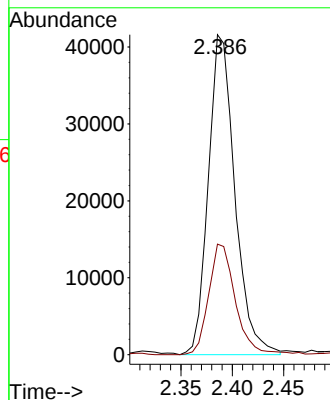
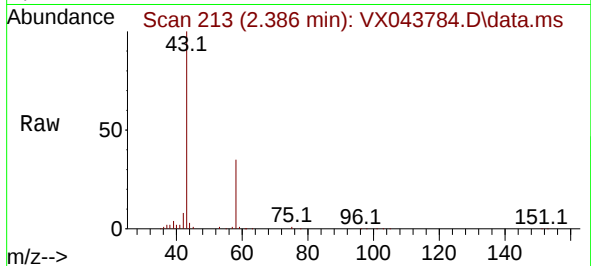
ClientSampleId :

Tgt Ion: 43 Resp: 74933

Ion Ratio Lower Upper

43 100

58 34.6 0.0 63.6



#14

Carbon disulfide

Concen: 44.177 ug/L

RT: 2.501 min Scan# 232

Delta R.T. -0.000 min

Lab File: VX043784.D

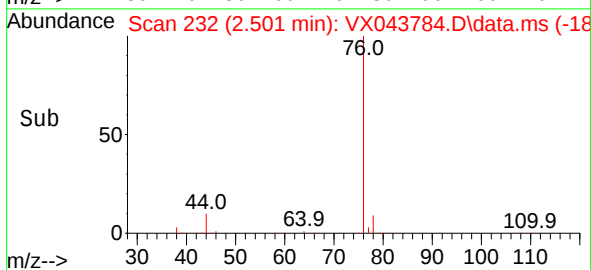
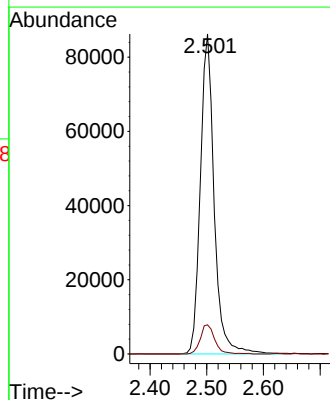
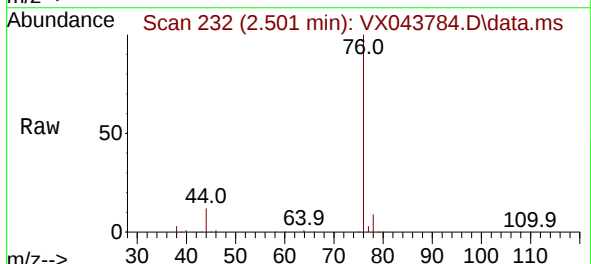
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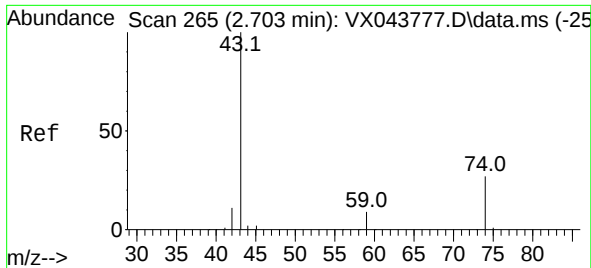
Tgt Ion: 76 Resp: 145826

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9

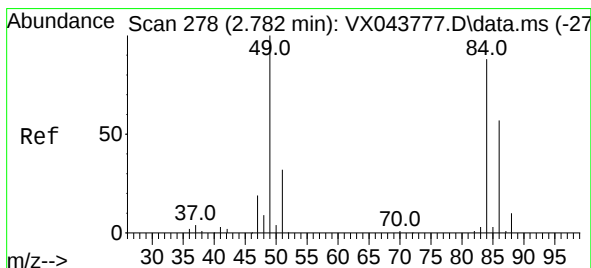
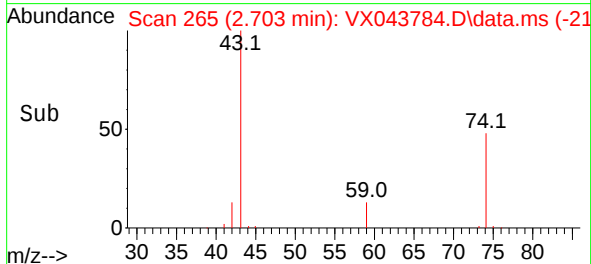
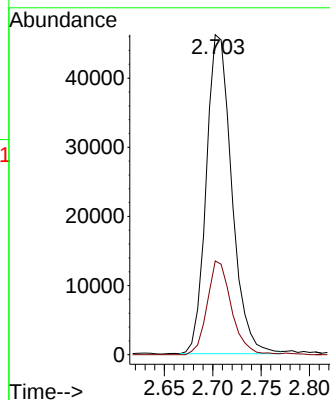
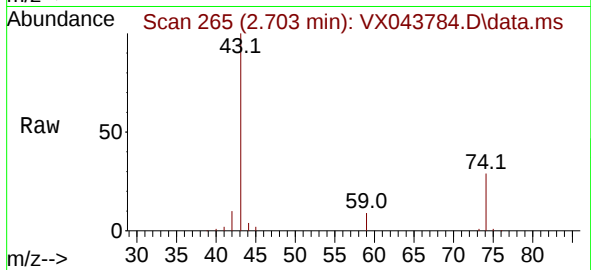




#15
Methyl Acetate
Concen: 44.105 ug/L
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX043784.D
Acq: 11 Nov 2024 12:13

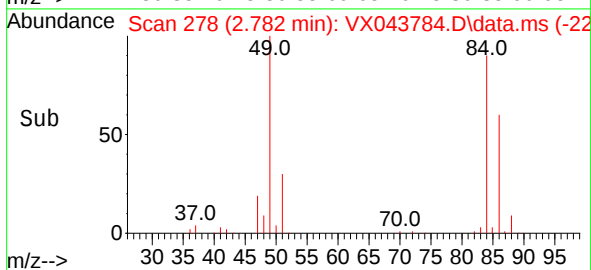
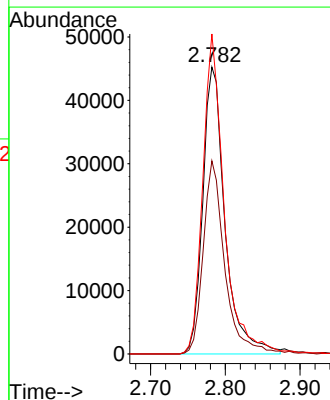
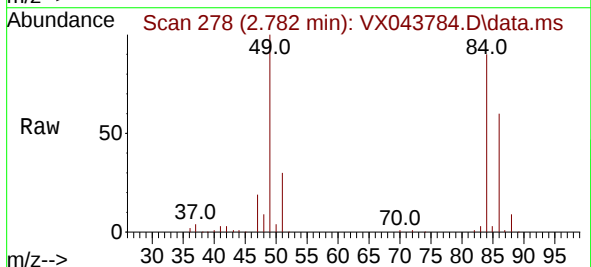
Instrument :
MSVOA_X
ClientSampleId :

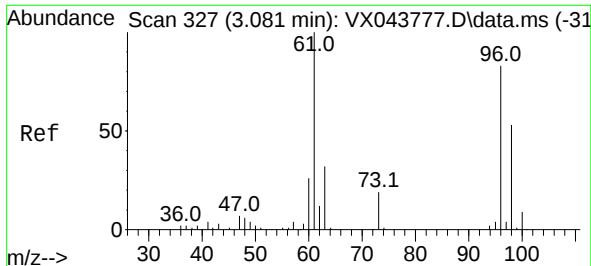
Tgt Ion: 43 Resp: 84693
Ion Ratio Lower Upper
43 100
74 27.9 18.9 28.3



#16
Methylene chloride
Concen: 51.907 ug/L
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX043784.D
Acq: 11 Nov 2024 12:13

Tgt Ion: 84 Resp: 93641
Ion Ratio Lower Upper
84 100
86 67.3 44.7 83.1
49 111.6 83.2 154.4





#17

trans-1,2-Dichloroethene

Concen: 52.430 ug/L

RT: 3.087 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX043784.D

Acq: 11 Nov 2024 12:13

Instrument :

MSVOA_X

ClientSampleId :

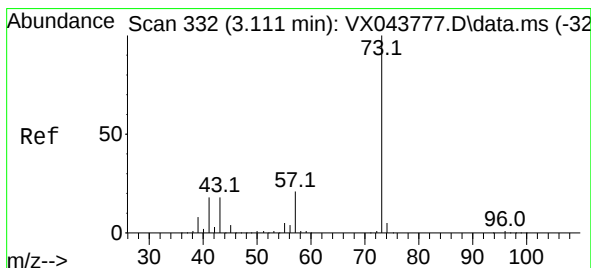
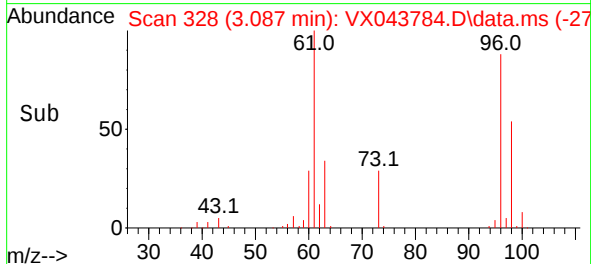
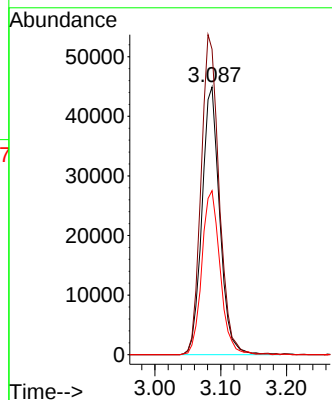
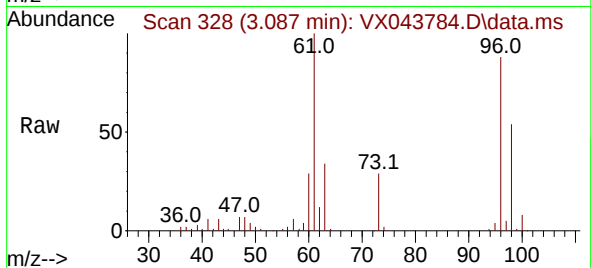
Tgt Ion: 96 Resp: 84226

Ion Ratio Lower Upper

96 100

61 114.1 93.4 173.6

98 61.3 44.1 81.9



#18

Methyl tert-butyl Ether

Concen: 49.636 ug/L

RT: 3.117 min Scan# 333

Delta R.T. 0.006 min

Lab File: VX043784.D

Acq: 11 Nov 2024 12:13

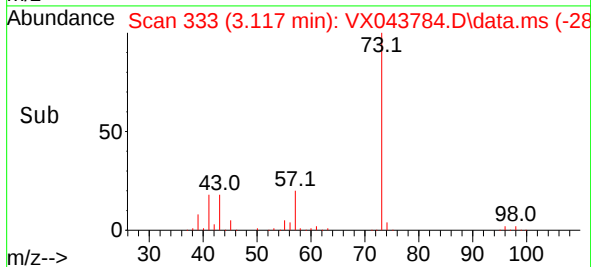
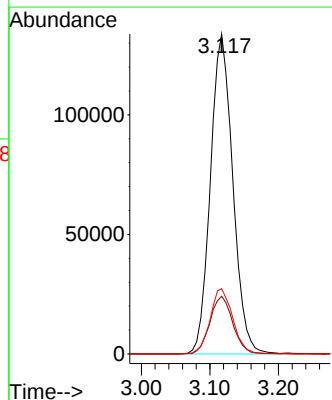
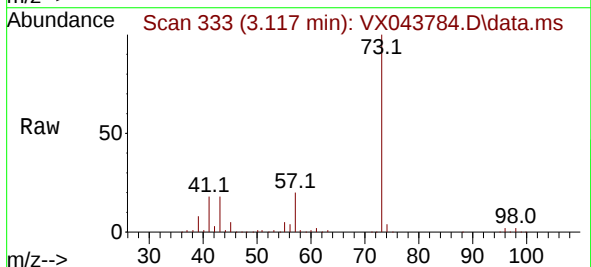
Tgt Ion: 73 Resp: 303118

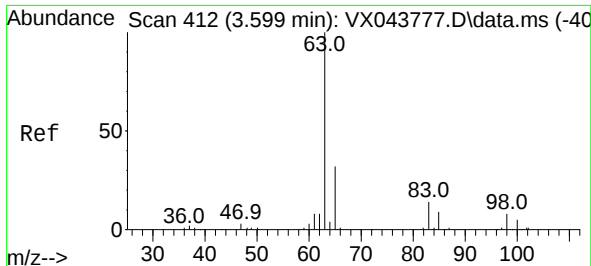
Ion Ratio Lower Upper

73 100

43 18.2 15.5 23.3

57 20.5 17.2 25.8





#19

1,1-Dichloroethane

Concen: 48.768 ug/L

RT: 3.605 min Scan# 41

Delta R.T. 0.006 min

Lab File: VX043784.D

Acq: 11 Nov 2024 12:13

Instrument :

MSVOA_X

ClientSampleId :

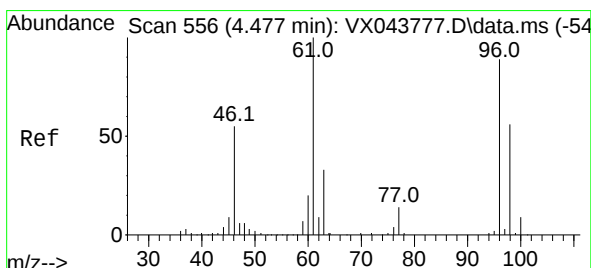
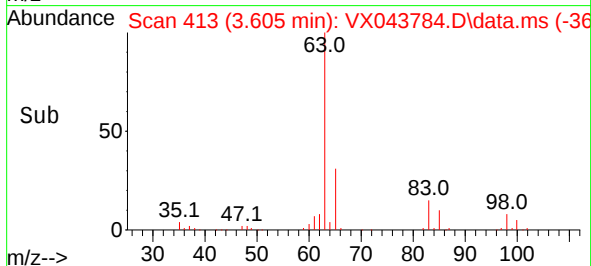
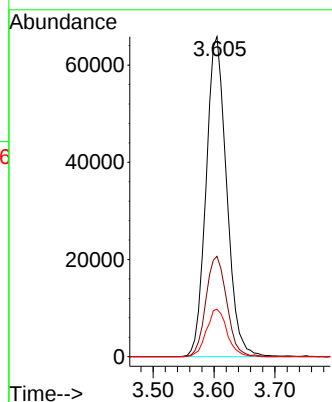
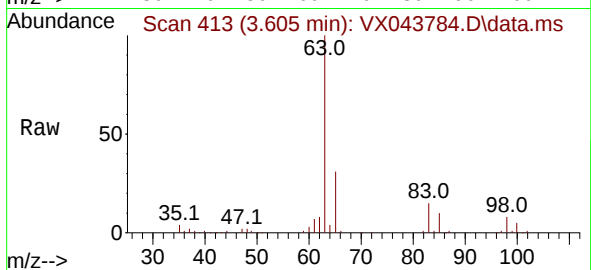
Tgt Ion: 63 Resp: 154269

Ion Ratio Lower Upper

63 100

65 31.4 23.2 43.2

83 14.9 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 51.832 ug/L

RT: 4.483 min Scan# 557

Delta R.T. 0.006 min

Lab File: VX043784.D

Acq: 11 Nov 2024 12:13

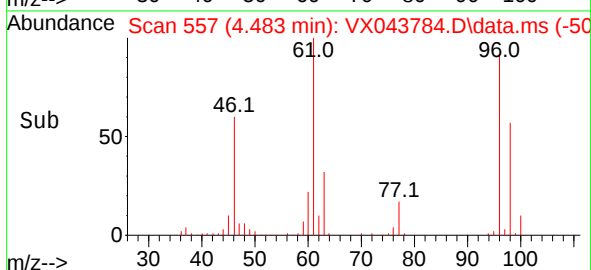
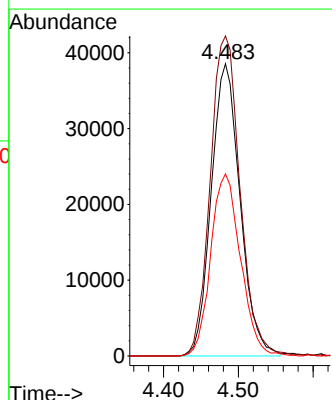
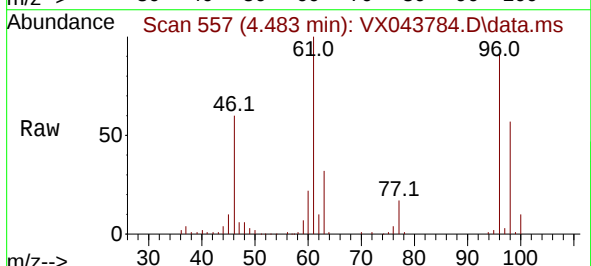
Tgt Ion: 96 Resp: 103419

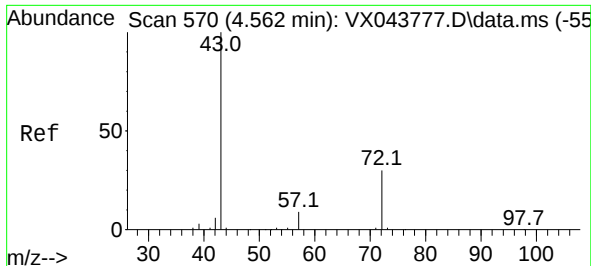
Ion Ratio Lower Upper

96 100

61 109.5 85.2 158.2

98 62.3 44.6 82.8





#22

2-Butanone

Concen: 90.046 ug/L

RT: 4.568 min Scan# 5

Delta R.T. 0.006 min

Lab File: VX043784.D

Acq: 11 Nov 2024 12:13

Instrument :

MSVOA_X

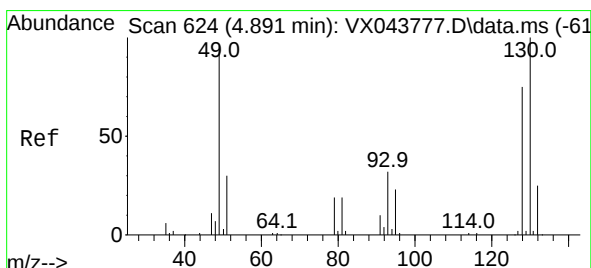
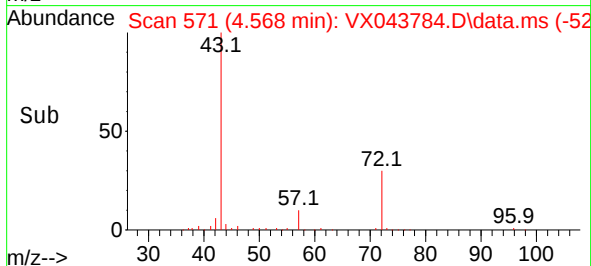
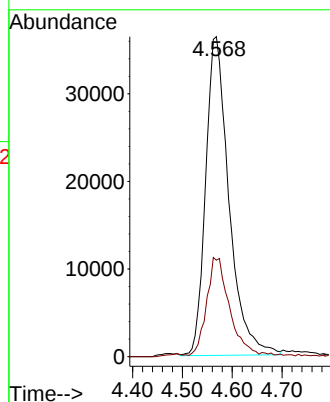
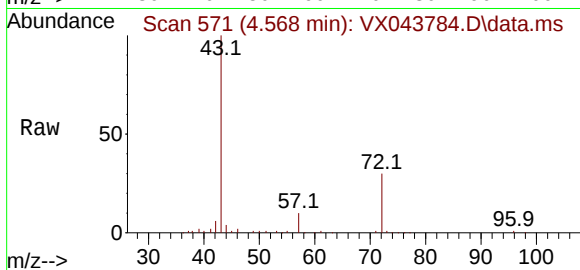
ClientSampleId :

Tgt Ion: 43 Resp: 118303

Ion Ratio Lower Upper

43 100

72 30.4 13.6 40.8



#23

Bromochloromethane

Concen: 54.249 ug/L

RT: 4.891 min Scan# 624

Delta R.T. -0.000 min

Lab File: VX043784.D

Acq: 11 Nov 2024 12:13

Tgt Ion:128 Resp: 54410

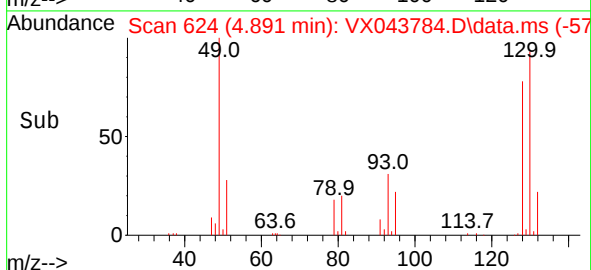
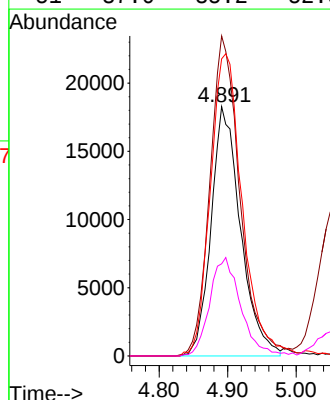
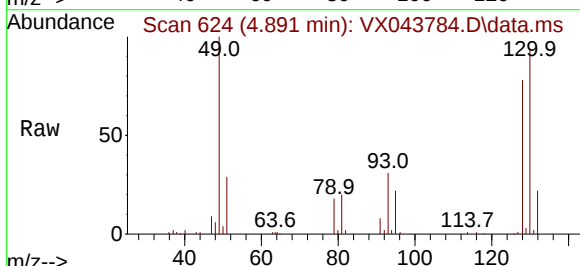
Ion Ratio Lower Upper

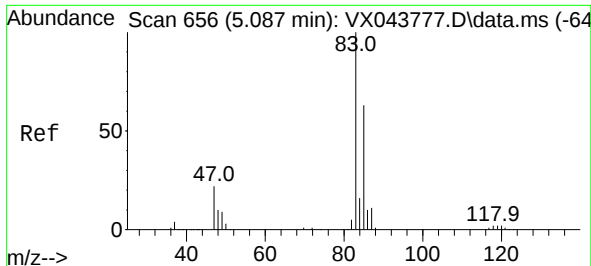
128 100

49 128.4 101.4 188.4

130 119.2 91.5 169.9

51 37.0 35.2 52.8





#25

Chloroform

Concen: 50.901 ug/L

RT: 5.086 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX043784.D

Acq: 11 Nov 2024 12:13

Instrument :

MSVOA_X

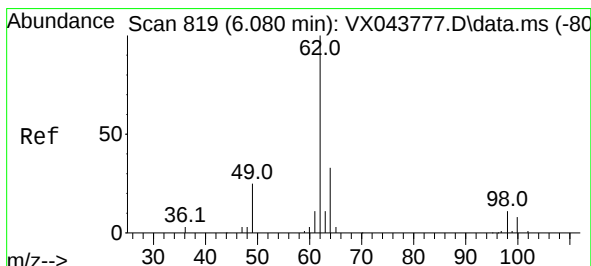
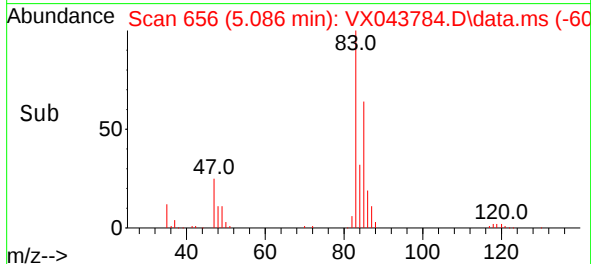
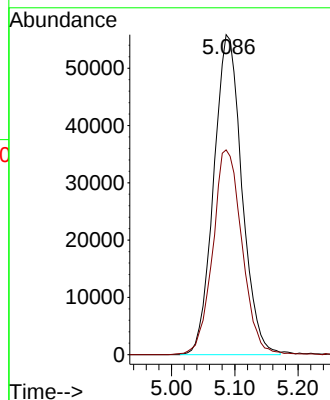
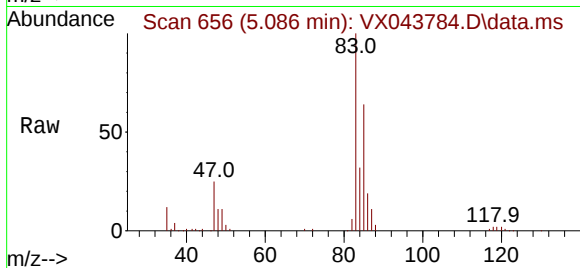
ClientSampleId :

Tgt Ion: 83 Resp: 172787

Ion Ratio Lower Upper

83 100

85 64.0 44.4 82.4



#27

1,2-Dichloroethane

Concen: 49.161 ug/L

RT: 6.080 min Scan# 819

Delta R.T. -0.000 min

Lab File: VX043784.D

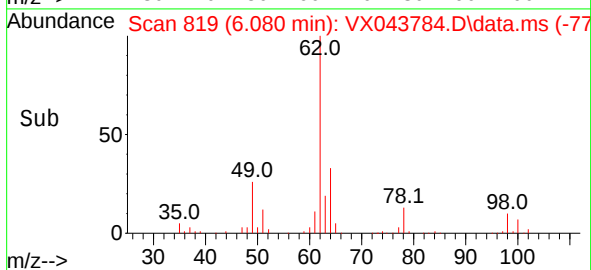
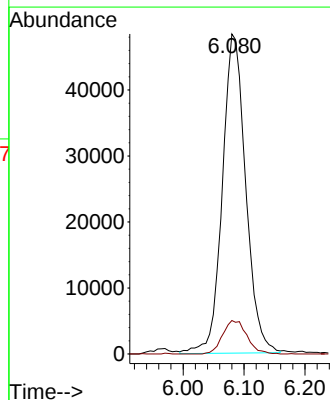
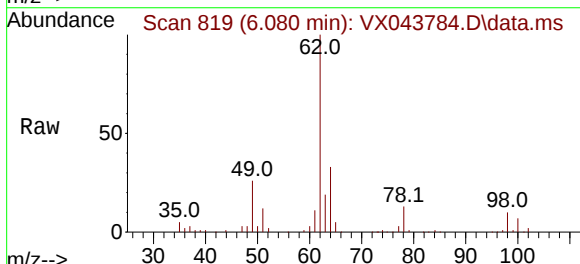
Acq: 11 Nov 2024 12:13

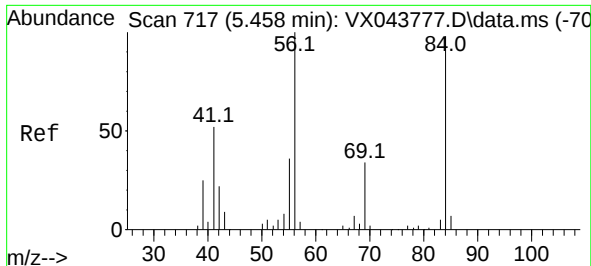
Tgt Ion: 62 Resp: 128946

Ion Ratio Lower Upper

62 100

98 10.4 9.0 13.6





#29

Cyclohexane

Concen: 45.042 ug/L

RT: 5.458 min Scan# 717

Delta R.T. -0.000 min

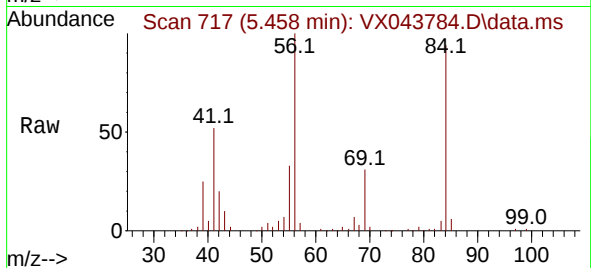
Lab File: VX043784.D

Acq: 11 Nov 2024 12:13

Instrument :

MSVOA_X

ClientSampleId :



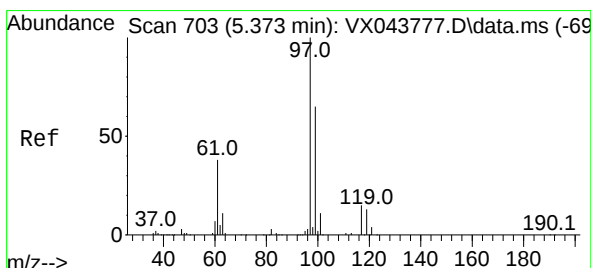
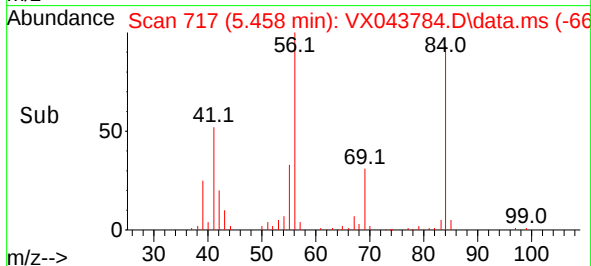
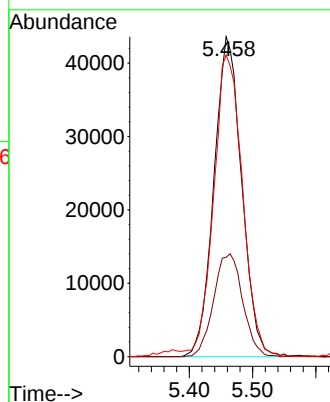
Tgt Ion: 56 Resp: 132398

Ion Ratio Lower Upper

56 100

69 33.7 25.2 37.8

84 97.5 72.9 109.3



#30

1,1,1-Trichloroethane

Concen: 47.000 ug/L

RT: 5.373 min Scan# 703

Delta R.T. -0.000 min

Lab File: VX043784.D

Acq: 11 Nov 2024 12:13

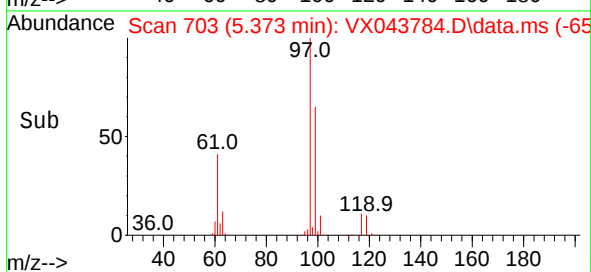
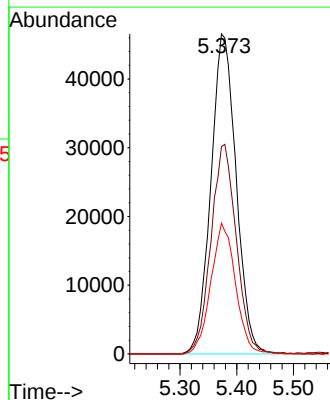
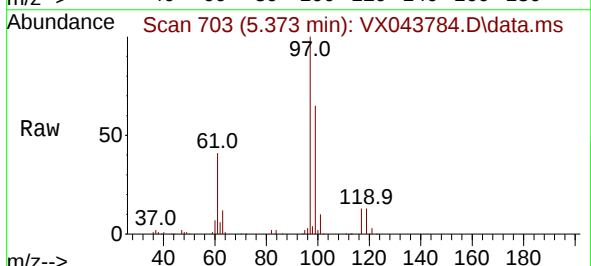
Tgt Ion: 97 Resp: 144233

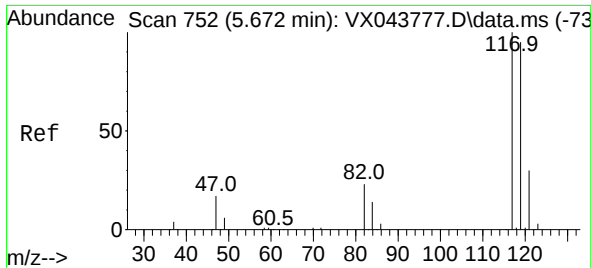
Ion Ratio Lower Upper

97 100

99 65.7 51.0 76.6

61 39.8 32.6 49.0

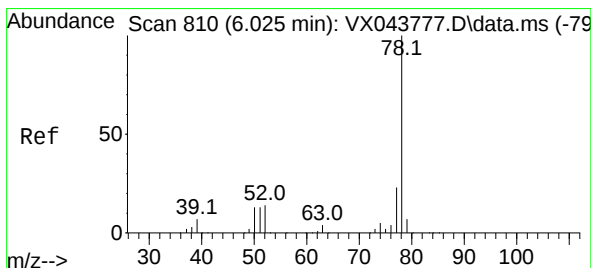
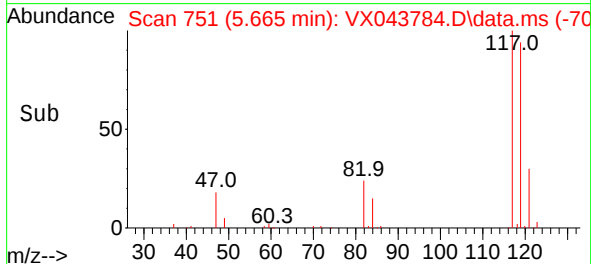
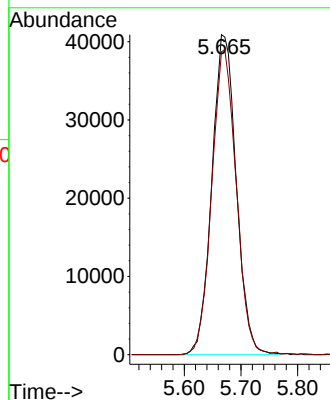
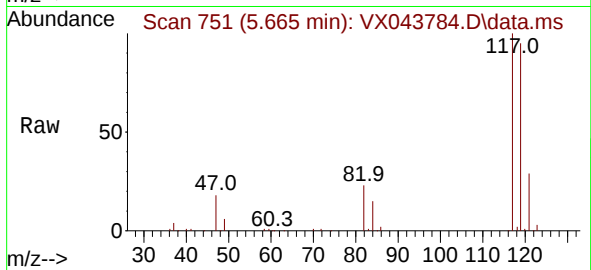




#31
Carbon tetrachloride
Concen: 48.458 ug/L
RT: 5.665 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX043784.D
Acq: 11 Nov 2024 12:13

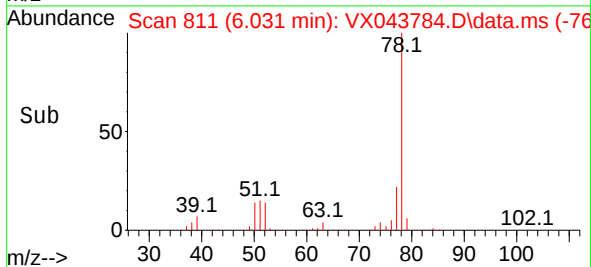
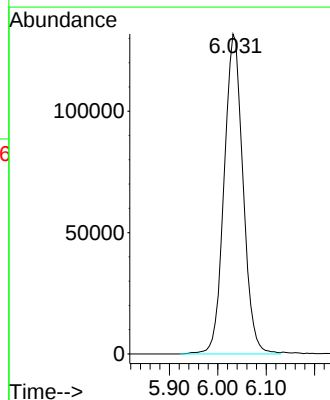
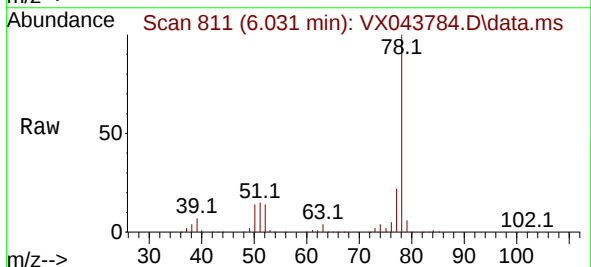
Instrument :
MSVOA_X
ClientSampleId :

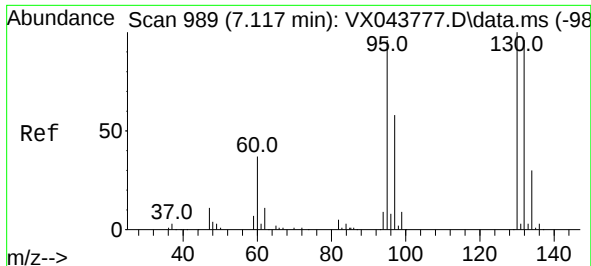
Tgt Ion:117 Resp: 121995
Ion Ratio Lower Upper
117 100
119 95.5 77.4 116.0



#33
Benzene
Concen: 49.717 ug/L
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX043784.D
Acq: 11 Nov 2024 12:13

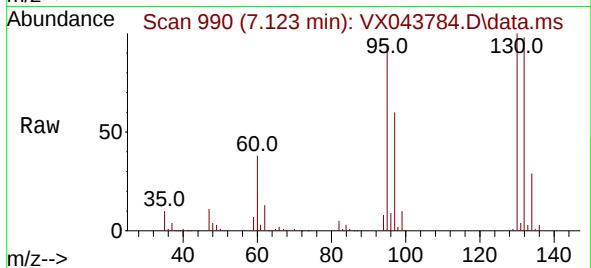
Tgt Ion: 78 Resp: 358985





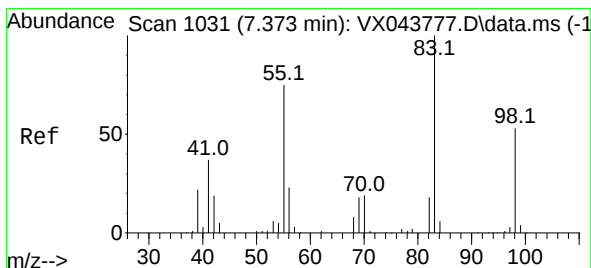
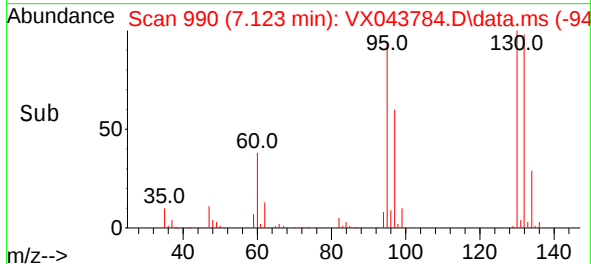
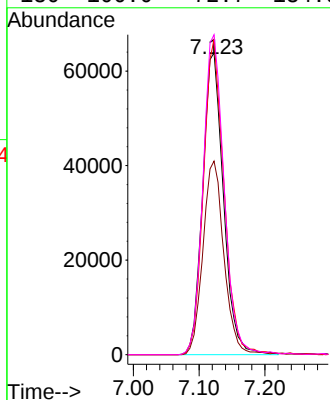
#34
Trichloroethene
Concen: 72.287 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX043784.D
Acq: 11 Nov 2024 12:13

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 95 Resp: 140325

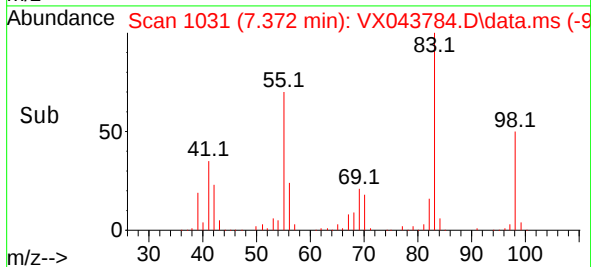
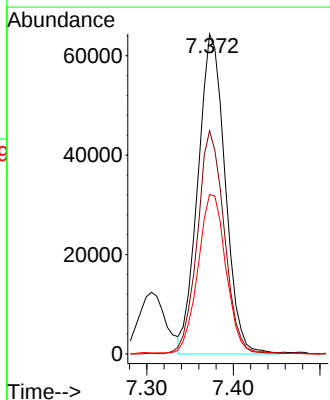
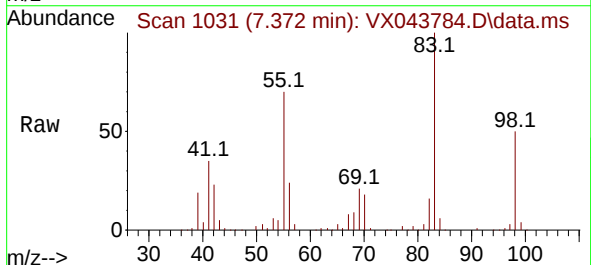
Ion	Ratio	Lower	Upper
95	100		
97	64.1	45.4	84.2
132	104.3	69.7	129.5
130	106.0	72.7	134.9

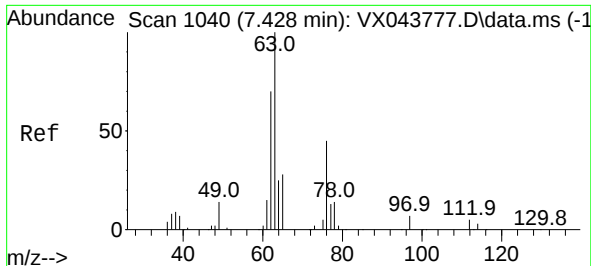


#35
Methylcyclohexane
Concen: 48.449 ug/L
RT: 7.372 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX043784.D
Acq: 11 Nov 2024 12:13

Tgt Ion: 83 Resp: 140513

Ion	Ratio	Lower	Upper
83	100		
55	68.8	58.6	88.0
98	50.9	39.0	58.4

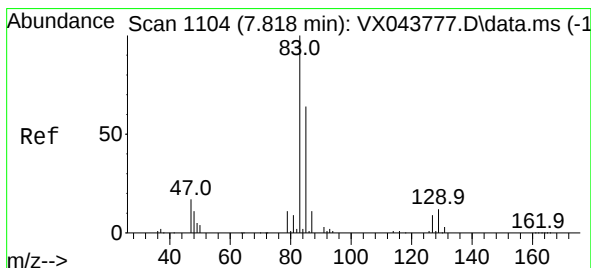
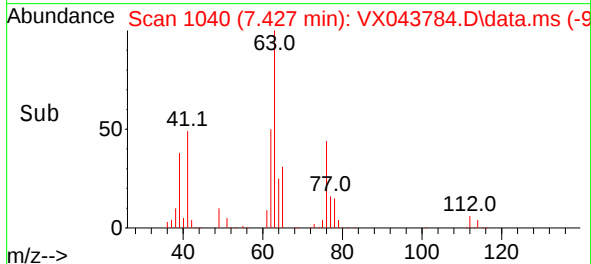
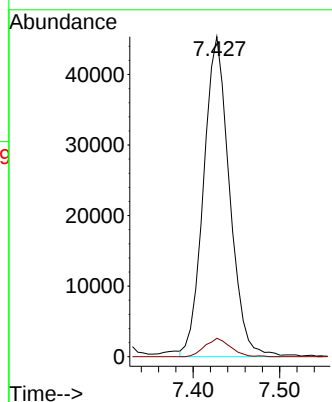
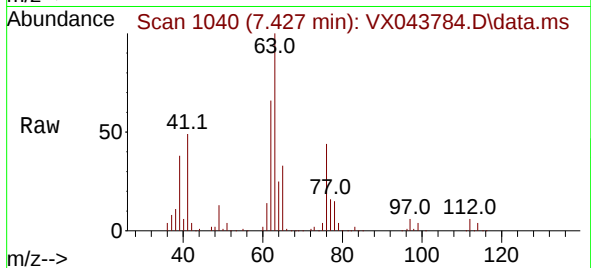




#37
1,2-Dichloropropane
Concen: 49.082 ug/L
RT: 7.427 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX043784.D
Acq: 11 Nov 2024 12:13

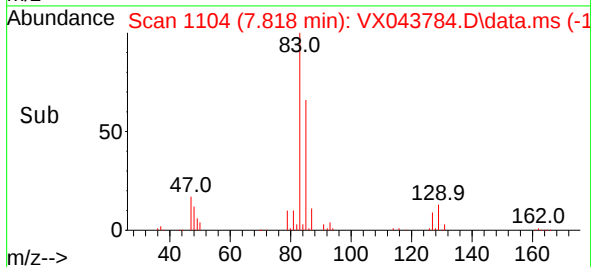
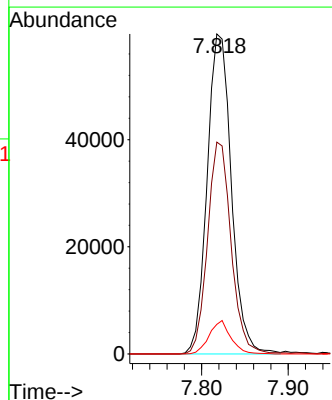
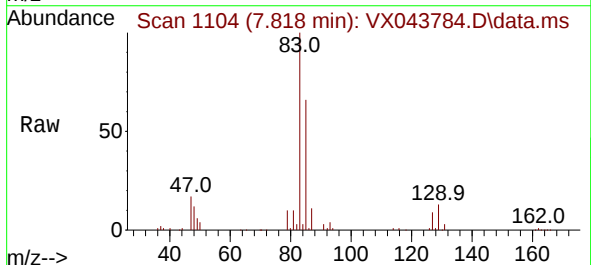
Instrument :
MSVOA_X
ClientSampleId :

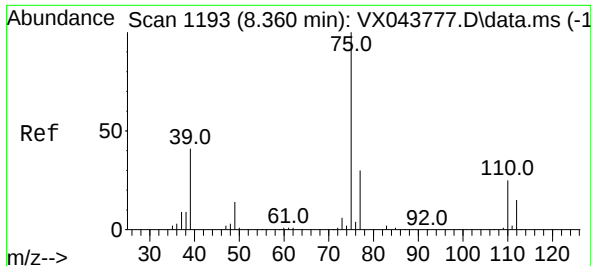
Tgt Ion: 63 Resp: 94405
Ion Ratio Lower Upper
63 100
112 5.6 3.8 5.8



#38
Bromodichloromethane
Concen: 47.511 ug/L
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX043784.D
Acq: 11 Nov 2024 12:13

Tgt Ion: 83 Resp: 116229
Ion Ratio Lower Upper
83 100
85 66.2 43.8 81.3
127 9.3 6.8 10.2

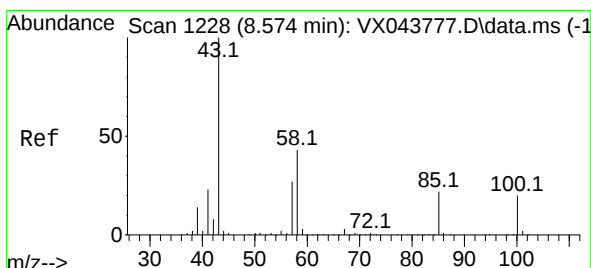
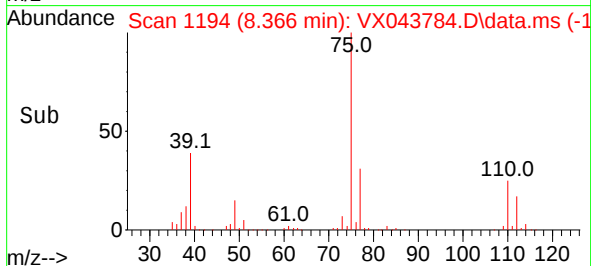
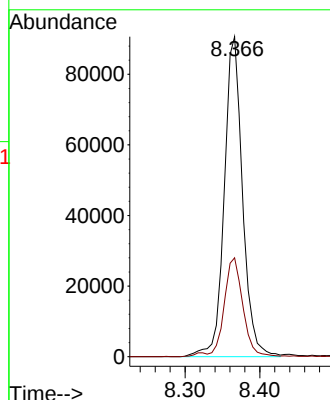
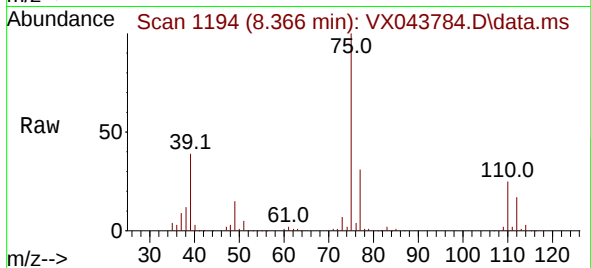




#39
 cis-1,3-Dichloropropene
 Concen: 49.235 ug/L
 RT: 8.366 min Scan# 1193
 Delta R.T. 0.006 min
 Lab File: VX043784.D
 Acq: 11 Nov 2024 12:13

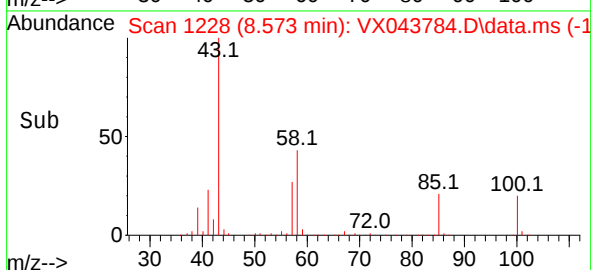
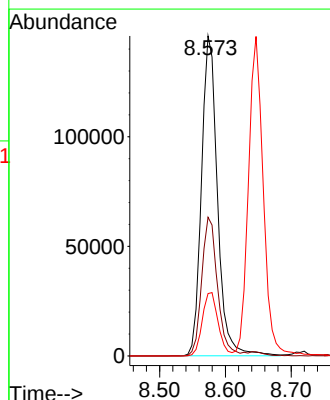
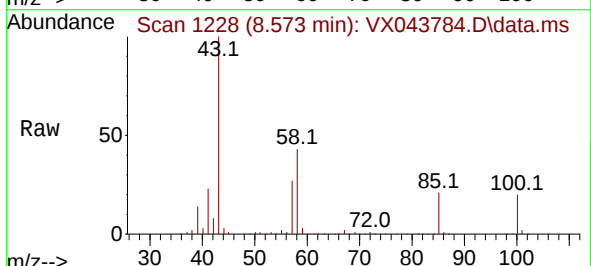
Instrument :
 MSVOA_X
 ClientSampleId :

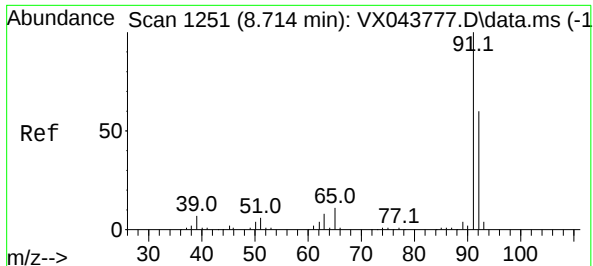
Tgt Ion: 75 Resp: 154597
 Ion Ratio Lower Upper
 75 100
 77 30.9 21.7 40.3



#40
 4-Methyl-2-pentanone
 Concen: 94.286 ug/L
 RT: 8.573 min Scan# 1228
 Delta R.T. -0.000 min
 Lab File: VX043784.D
 Acq: 11 Nov 2024 12:13

Tgt Ion: 43 Resp: 246834
 Ion Ratio Lower Upper
 43 100
 58 42.5 31.6 47.4
 100 19.7 13.8 20.6





#42

Toluene

Concen: 51.076 ug/L

RT: 8.714 min Scan# 1251

Delta R.T. -0.000 min

Lab File: VX043784.D

Acq: 11 Nov 2024 12:13

Instrument :

MSVOA_X

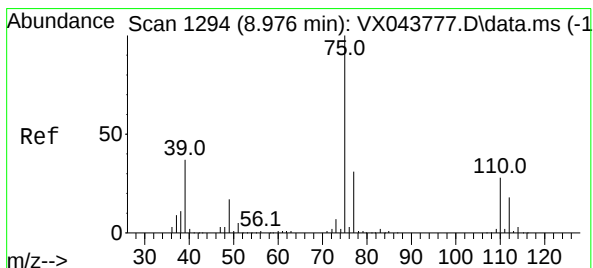
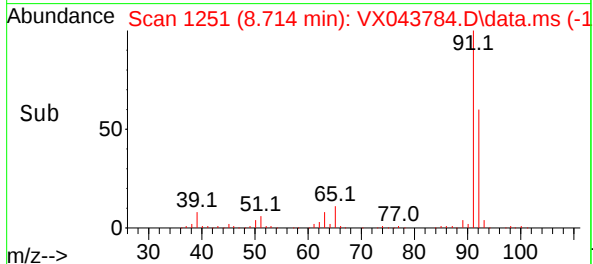
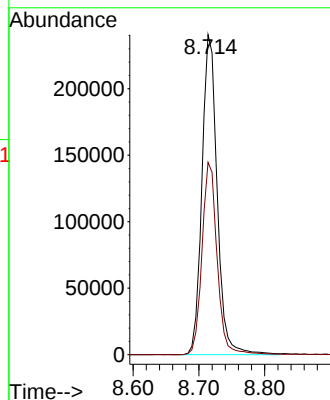
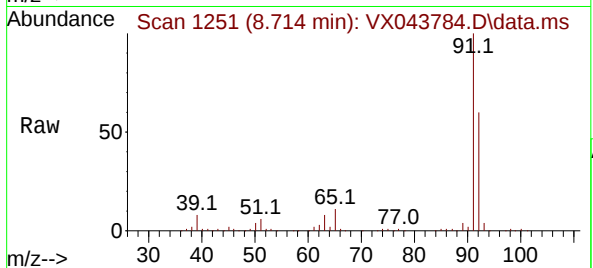
ClientSampleId :

Tgt Ion: 91 Resp: 387902

Ion Ratio Lower Upper

91 100

92 60.1 41.6 77.3



#44

trans-1,3-Dichloropropene

Concen: 48.914 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX043784.D

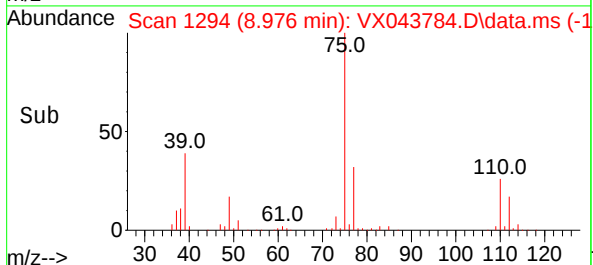
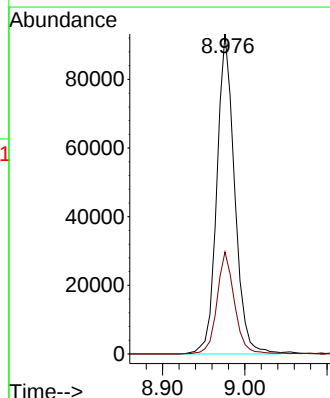
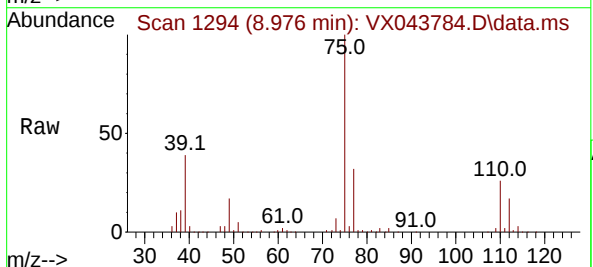
Acq: 11 Nov 2024 12:13

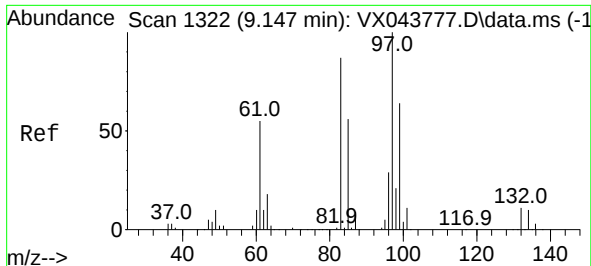
Tgt Ion: 75 Resp: 140052

Ion Ratio Lower Upper

75 100

77 31.9 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 52.768 ug/L

RT: 9.153 min Scan# 1323

Delta R.T. 0.006 min

Lab File: VX043784.D

Acq: 11 Nov 2024 12:13

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 104075

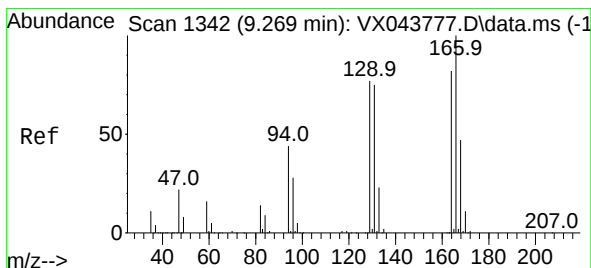
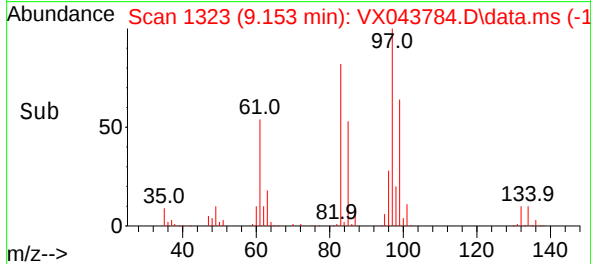
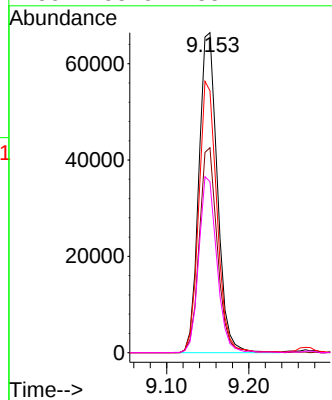
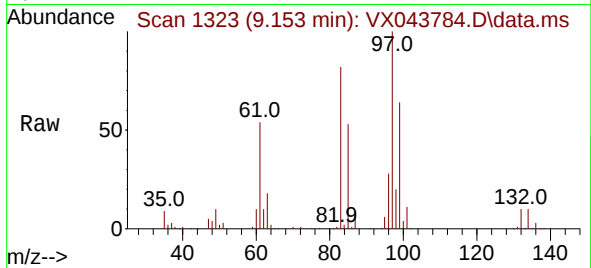
Ion Ratio Lower Upper

97 100

99 64.0 42.8 79.4

83 81.8 58.4 108.4

85 53.5 38.2 71.0



#46

Tetrachloroethene

Concen: 54.979 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VX043784.D

Acq: 11 Nov 2024 12:13

Tgt Ion:164 Resp: 76821

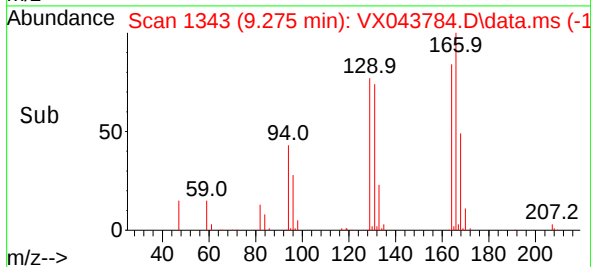
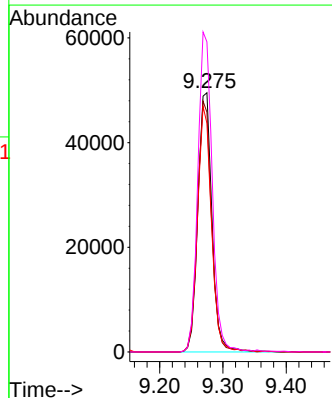
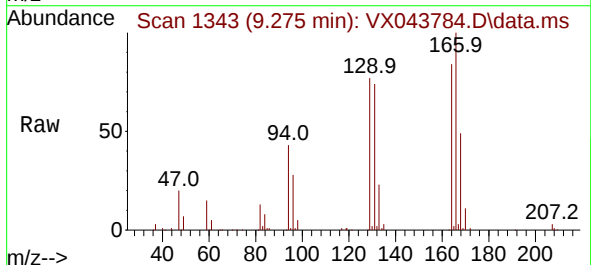
Ion Ratio Lower Upper

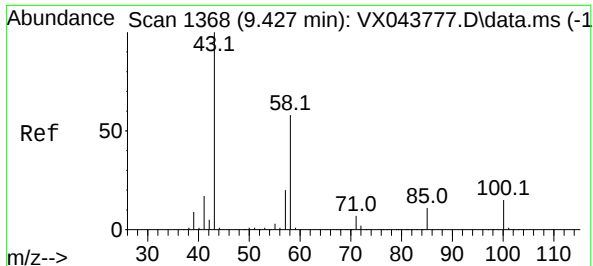
164 100

129 92.5 72.2 134.2

131 88.2 69.0 128.2

166 119.6 87.9 163.3

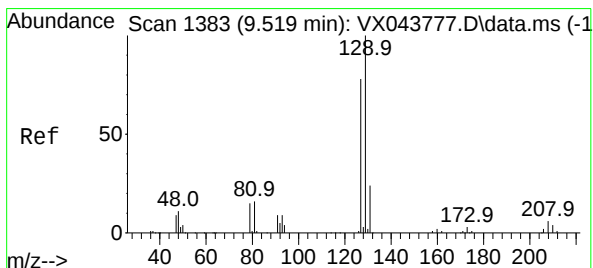
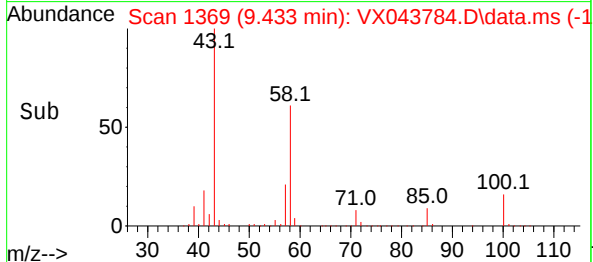
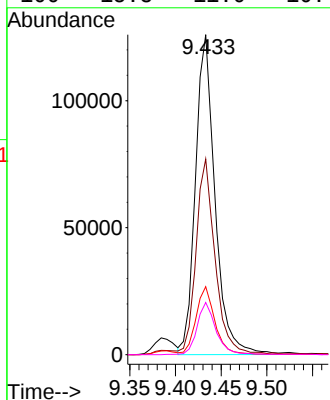
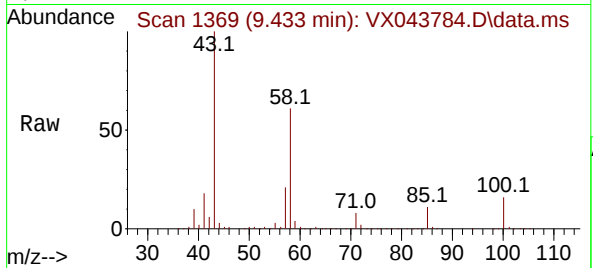




#48
2-Hexanone
Concen: 95.911 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX043784.D
Acq: 11 Nov 2024 12:13

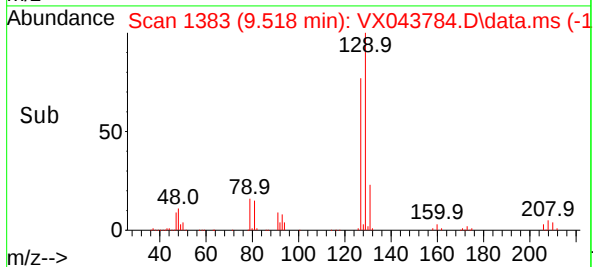
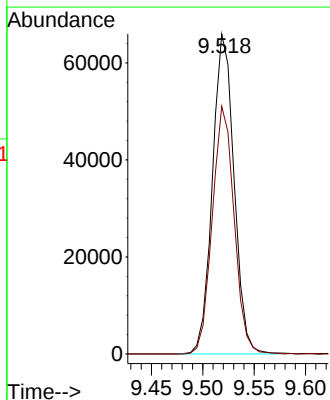
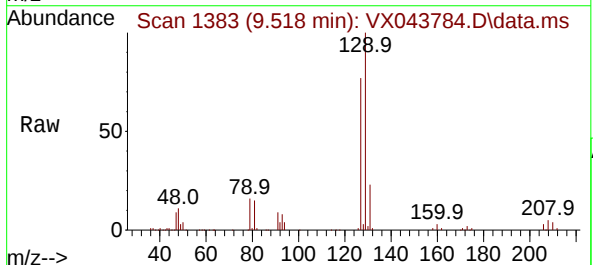
Instrument :
MSVOA_X
ClientSampleId :

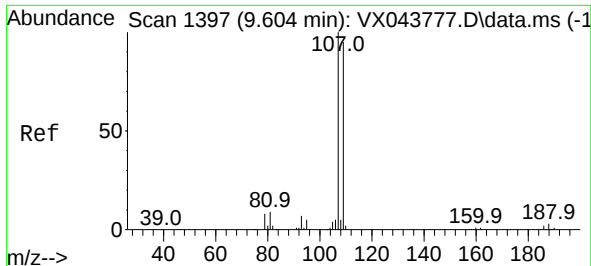
Tgt Ion:	43	Resp:	187687
Ion	Ratio	Lower	Upper
43	100		
58	57.4	44.6	67.0
57	20.7	15.7	23.5
100	15.8	11.0	16.4



#49
Dibromochloromethane
Concen: 52.438 ug/L
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX043784.D
Acq: 11 Nov 2024 12:13

Tgt Ion:	129	Resp:	96400
Ion	Ratio	Lower	Upper
129	100		
127	77.4	54.2	100.6





#50

1,2-Dibromoethane

Concen: 53.258 ug/L

RT: 9.610 min Scan# 14

Delta R.T. 0.006 min MSVOA_X

Lab File: VX043784.D

Acq: 11 Nov 2024 12:13

Instrument :

MSVOA_X

ClientSampleId :

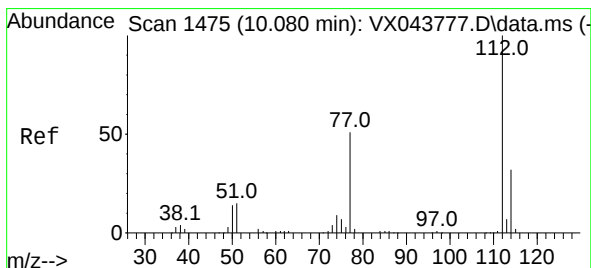
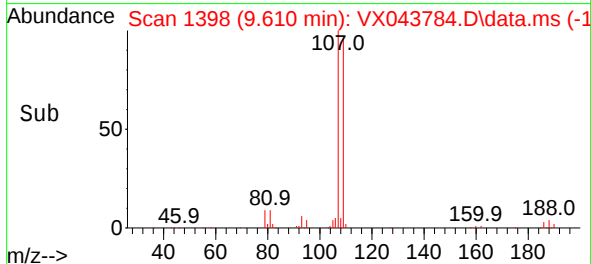
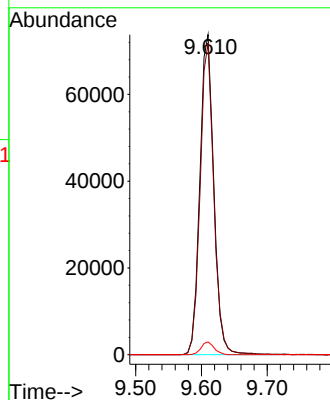
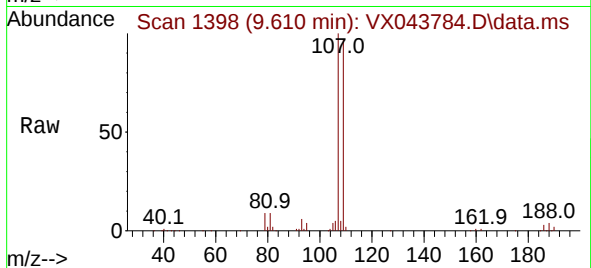
Tgt Ion:107 Resp: 108457

Ion Ratio Lower Upper

107 100

109 97.4 64.9 120.5

188 4.0 2.6 4.0#



#51

Chlorobenzene

Concen: 53.582 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX043784.D

Acq: 11 Nov 2024 12:13

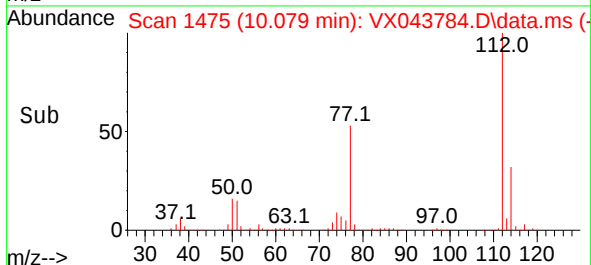
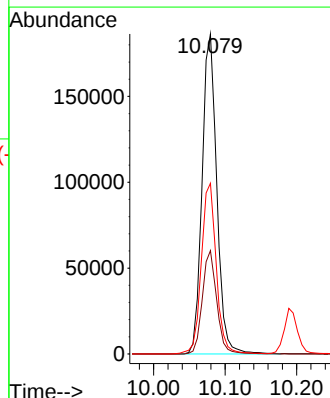
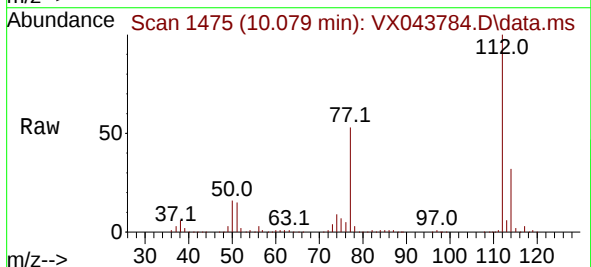
Tgt Ion:112 Resp: 265951

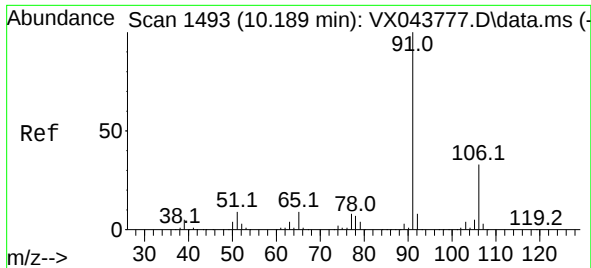
Ion Ratio Lower Upper

112 100

114 32.3 22.6 42.0

77 53.3 45.9 68.9

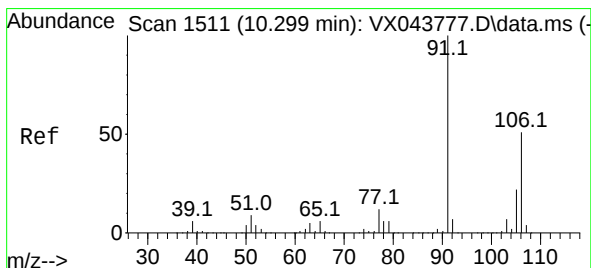
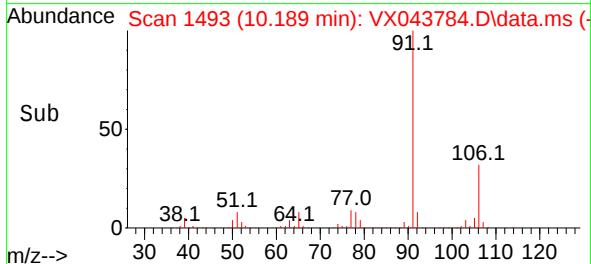
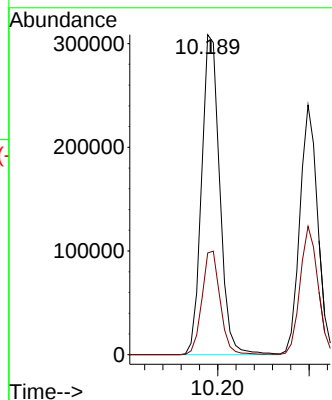
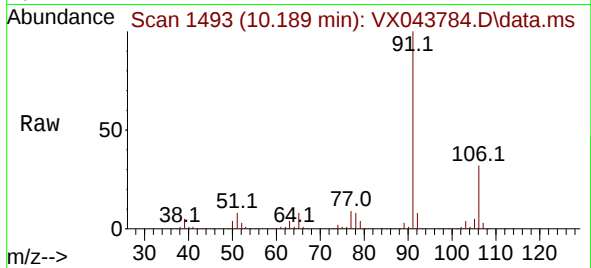




#52
Ethylbenzene
Concen: 51.478 ug/L
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX043784.D
Acq: 11 Nov 2024 12:13

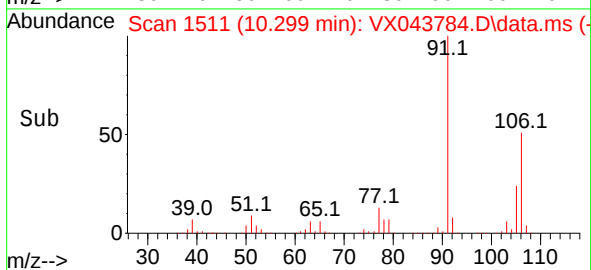
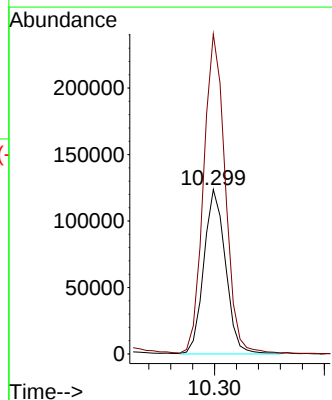
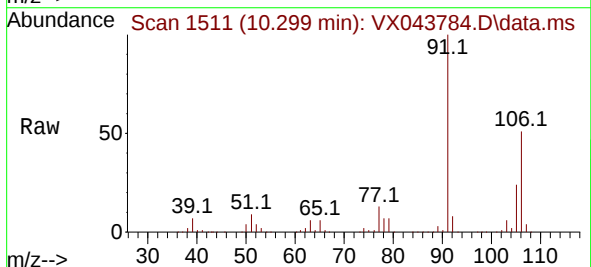
Instrument :
MSVOA_X
ClientSampleId :

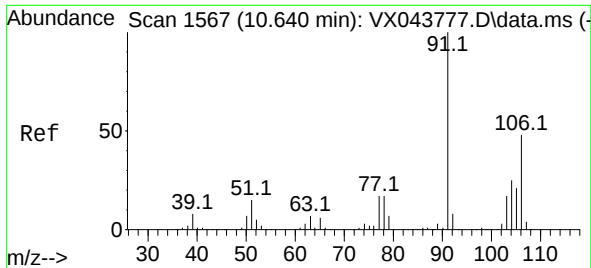
Tgt Ion: 91 Resp: 424961
Ion Ratio Lower Upper
91 100
106 31.8 21.9 40.7



#53
m,p-Xylene
Concen: 53.365 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX043784.D
Acq: 11 Nov 2024 12:13

Tgt Ion:106 Resp: 170059
Ion Ratio Lower Upper
106 100
91 194.5 140.6 261.2

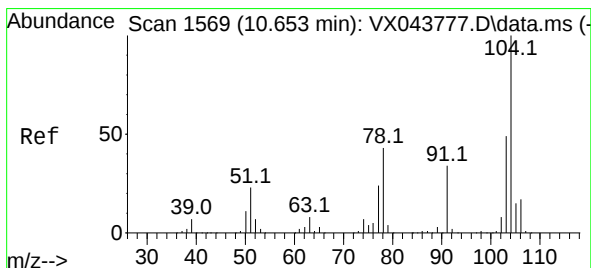
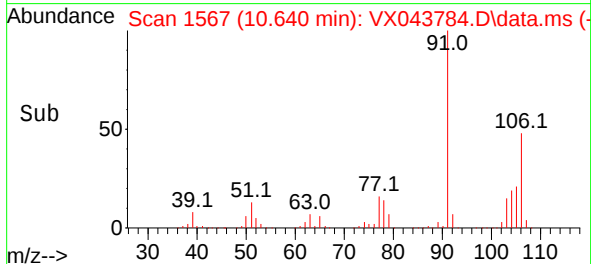
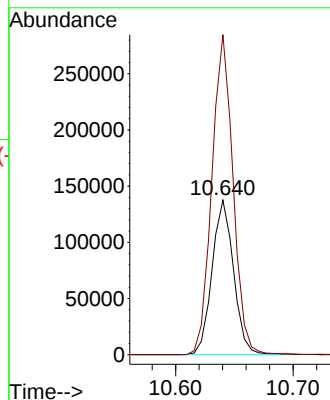
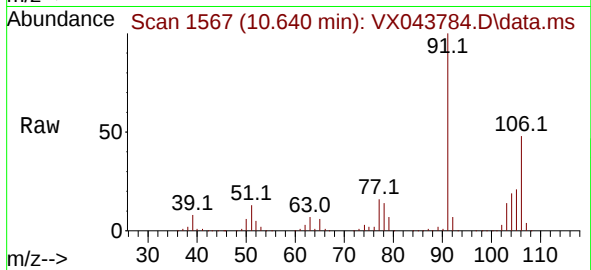




#54
o-Xylene
Concen: 55.046 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX043784.D
Acq: 11 Nov 2024 12:13

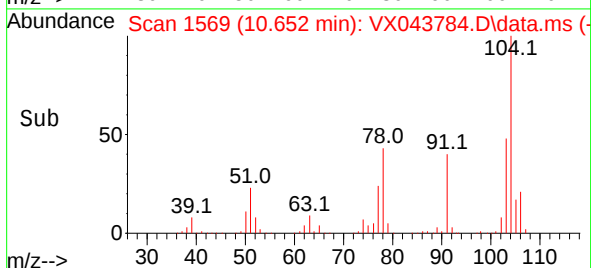
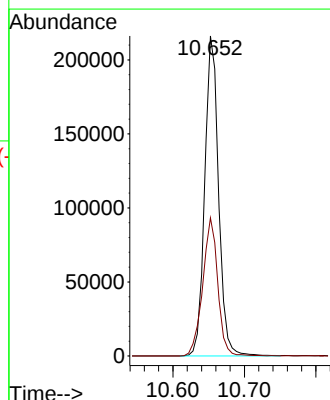
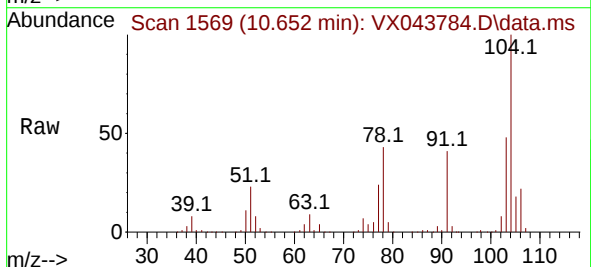
Instrument :
MSVOA_X
ClientSampleId :

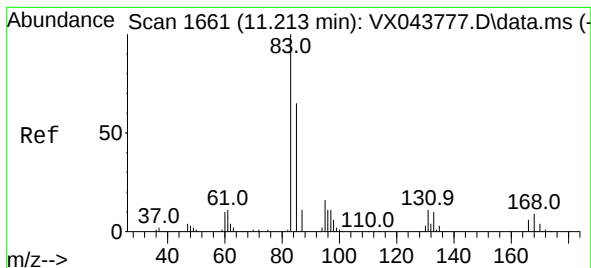
Tgt Ion:106 Resp: 174880
Ion Ratio Lower Upper
106 100
91 207.2 151.9 282.1



#55
Styrene
Concen: 55.081 ug/L
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX043784.D
Acq: 11 Nov 2024 12:13

Tgt Ion:104 Resp: 291095
Ion Ratio Lower Upper
104 100
78 43.2 31.6 58.6





#57

1,1,2,2-Tetrachloroethane

Concen: 54.359 ug/L

RT: 11.213 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX043784.D

Acq: 11 Nov 2024 12:13

Instrument :

MSVOA_X

ClientSampleId :

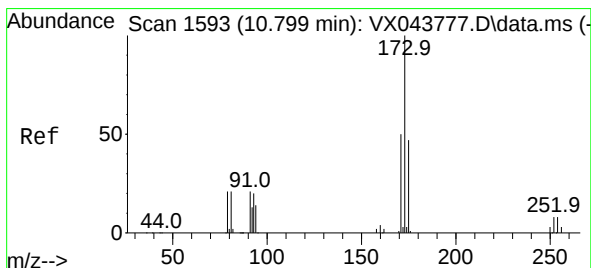
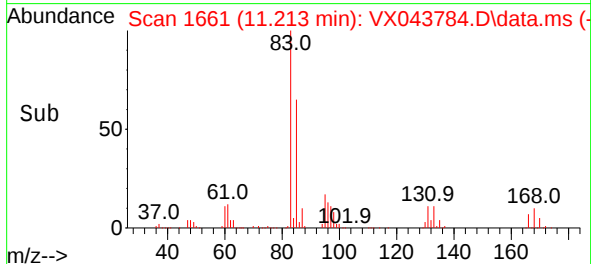
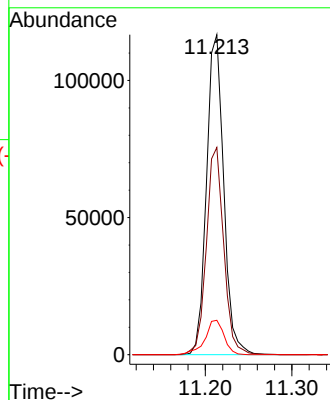
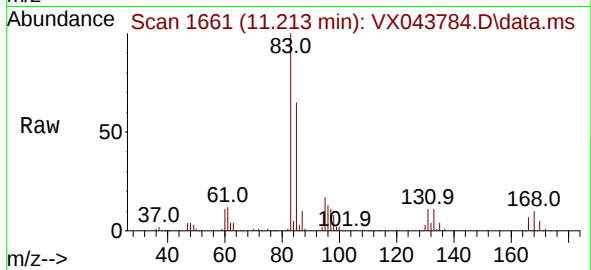
Tgt Ion: 83 Resp: 160575

Ion Ratio Lower Upper

83 100

85 64.8 45.2 84.0

131 10.7 8.3 12.5



#59

Bromoform

Concen: 50.261 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX043784.D

Acq: 11 Nov 2024 12:13

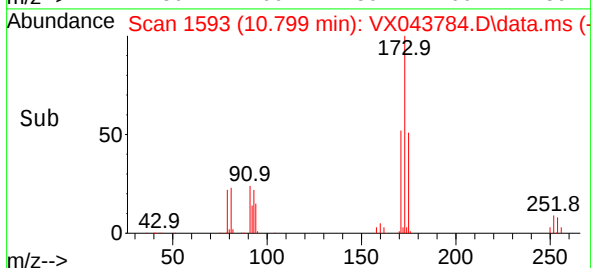
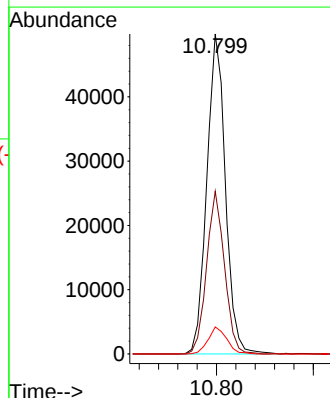
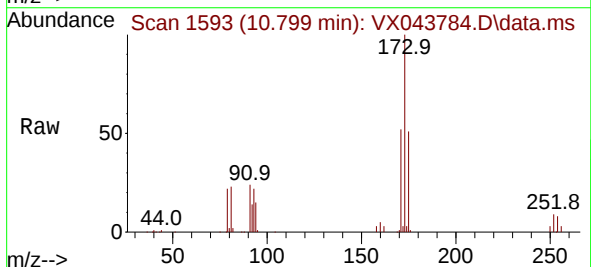
Tgt Ion:173 Resp: 66451

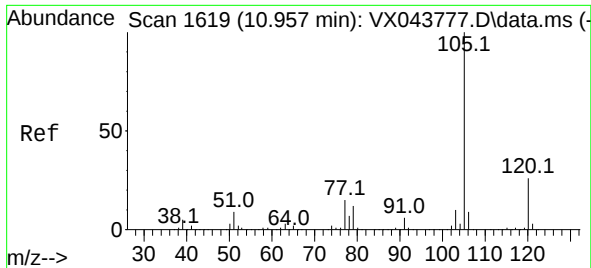
Ion Ratio Lower Upper

173 100

175 49.0 37.0 55.6

254 8.4 6.4 9.6

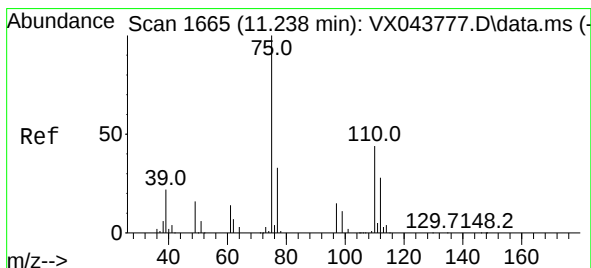
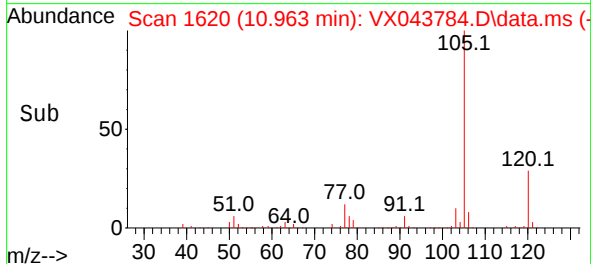
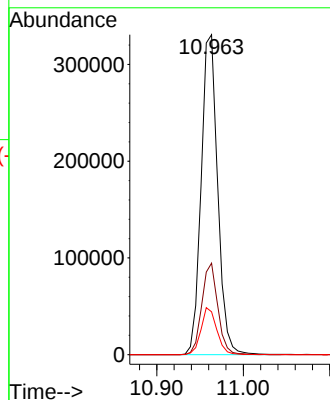
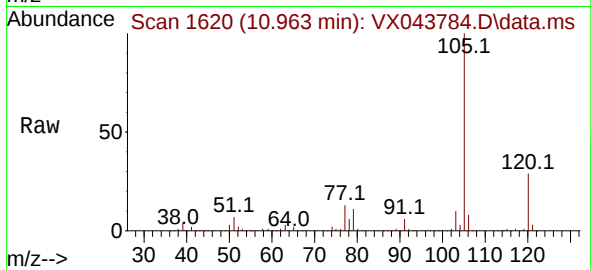




#60
Isopropylbenzene
Concen: 49.957 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX043784.D
Acq: 11 Nov 2024 12:13

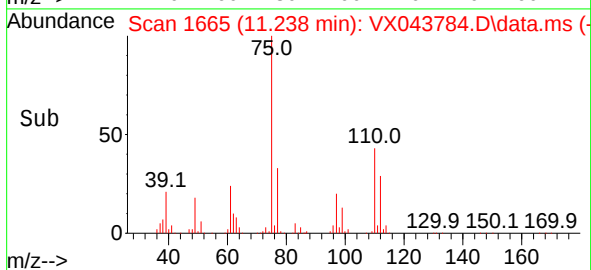
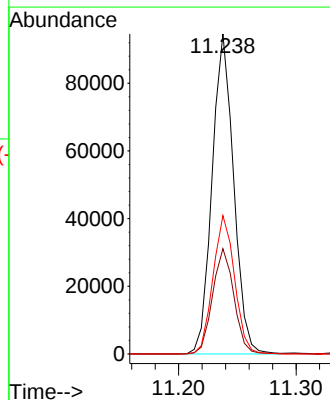
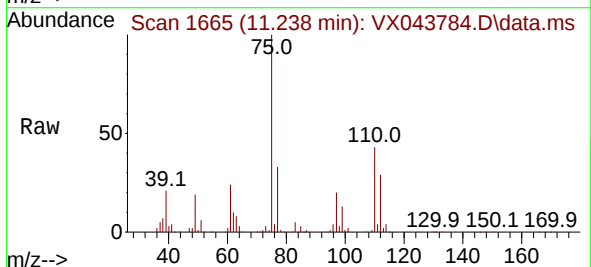
Instrument :
MSVOA_X
ClientSampleId :

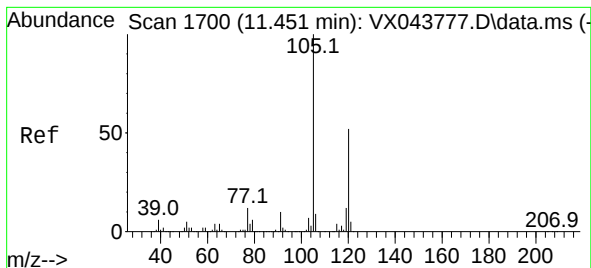
Tgt Ion:105 Resp: 437845
Ion Ratio Lower Upper
105 100
120 27.7 21.1 31.7
77 14.1 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 49.092 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX043784.D
Acq: 11 Nov 2024 12:13

Tgt Ion: 75 Resp: 120447
Ion Ratio Lower Upper
75 100
77 32.6 25.4 38.0
110 43.2 33.6 50.4

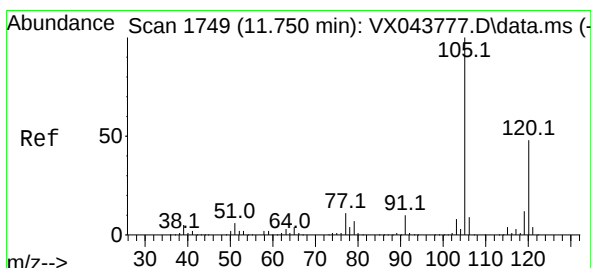
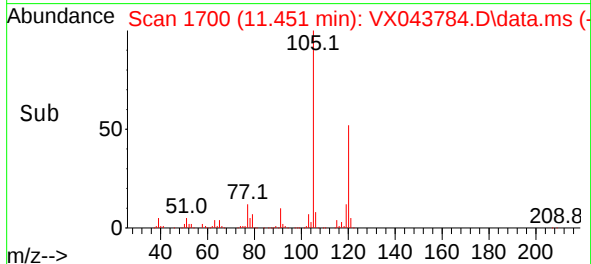
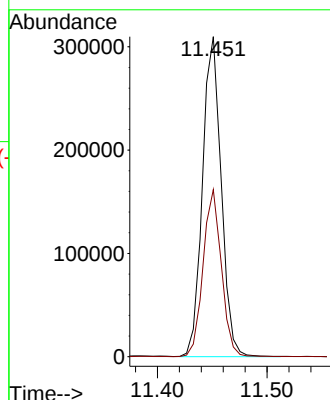
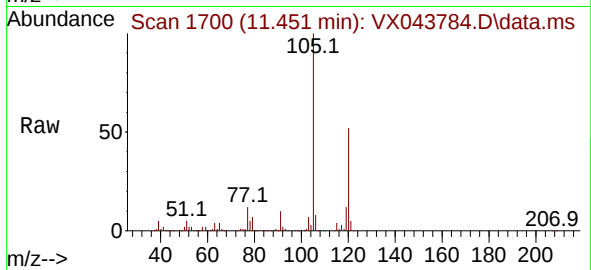




#62
1,3,5-Trimethylbenzene
Concen: 49.903 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX043784.D
Acq: 11 Nov 2024 12:13

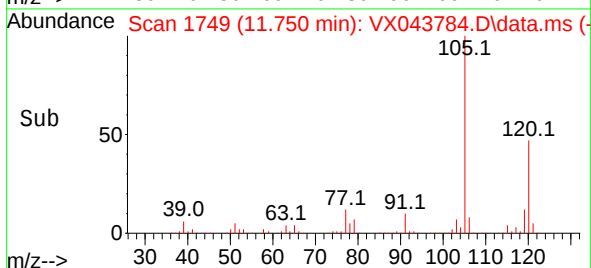
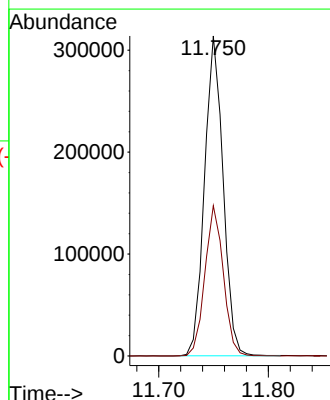
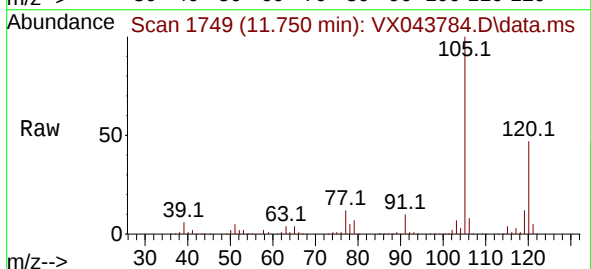
Instrument :
MSVOA_X
ClientSampleId :

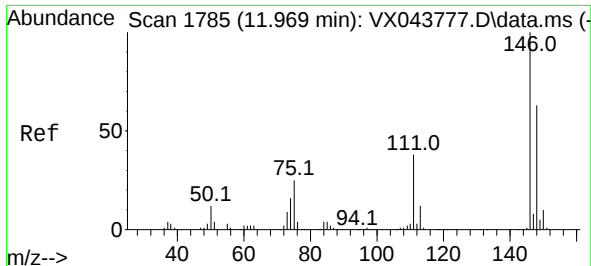
Tgt Ion:105 Resp: 367627
Ion Ratio Lower Upper
105 100
120 51.0 39.4 59.2



#63
1,2,4-Trimethylbenzene
Concen: 50.232 ug/L
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX043784.D
Acq: 11 Nov 2024 12:13

Tgt Ion:105 Resp: 368449
Ion Ratio Lower Upper
105 100
120 46.6 35.7 53.5





#64

1,3-Dichlorobenzene

Concen: 53.396 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

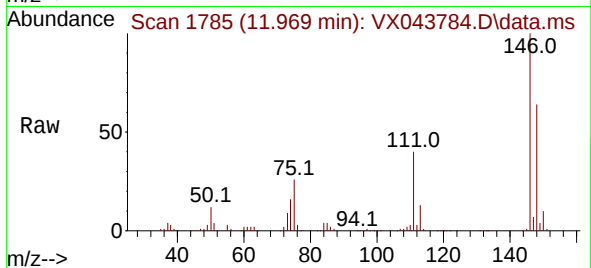
Lab File: VX043784.D

Acq: 11 Nov 2024 12:13

Instrument :

MSVOA_X

ClientSampleId :



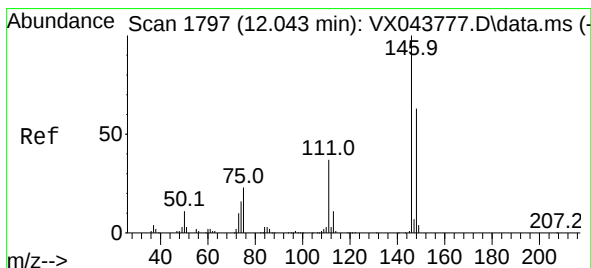
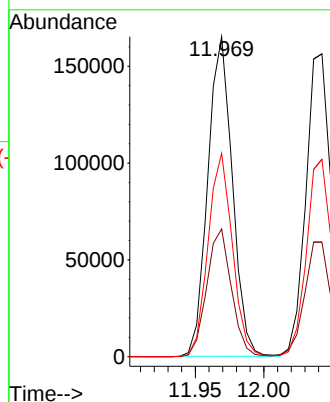
Tgt Ion:146 Resp: 205849

Ion Ratio Lower Upper

146 100

111 39.9 28.3 52.5

148 63.6 45.1 83.9



#65

1,4-Dichlorobenzene

Concen: 52.047 ug/L

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX043784.D

Acq: 11 Nov 2024 12:13

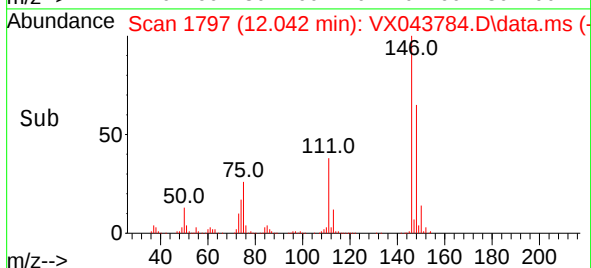
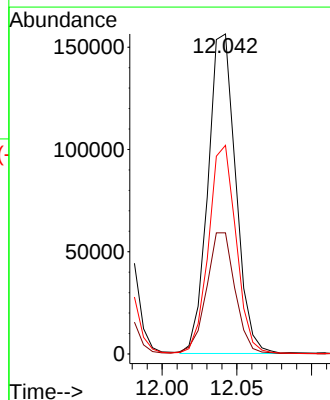
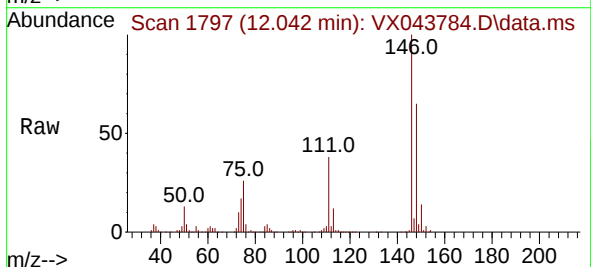
Tgt Ion:146 Resp: 202094

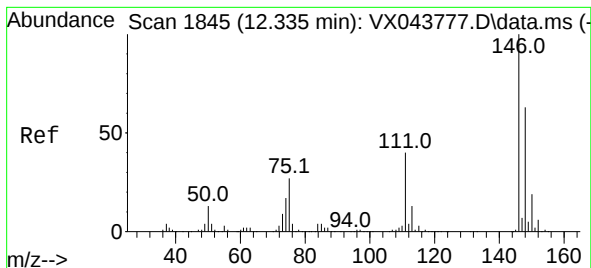
Ion Ratio Lower Upper

146 100

111 37.8 28.9 53.7

148 65.2 45.0 83.6





#67

1,2-Dichlorobenzene

Concen: 52.532 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX043784.D

Acq: 11 Nov 2024 12:13

Instrument :

MSVOA_X

ClientSampleId :

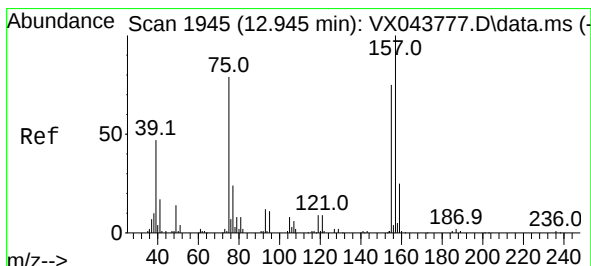
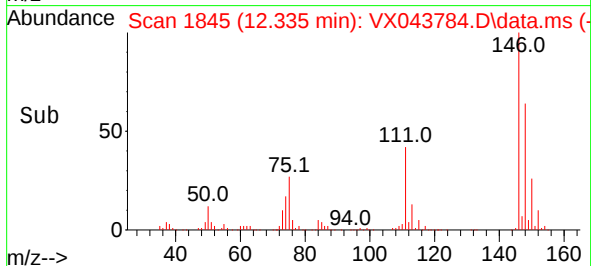
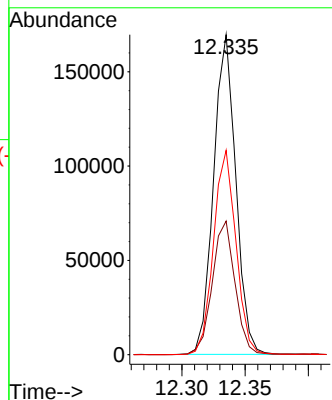
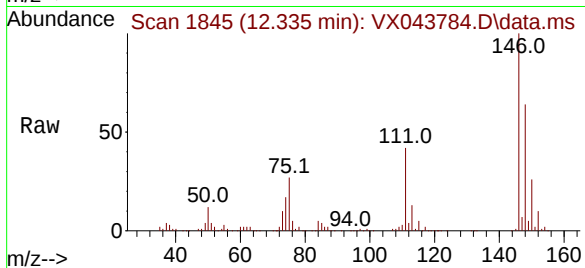
Tgt Ion:146 Resp: 206959

Ion Ratio Lower Upper

146 100

111 41.7 33.9 50.9

148 63.9 50.6 76.0



#68

1,2-Dibromo-3-chloropropane

Concen: 46.183 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. -0.000 min

Lab File: VX043784.D

Acq: 11 Nov 2024 12:13

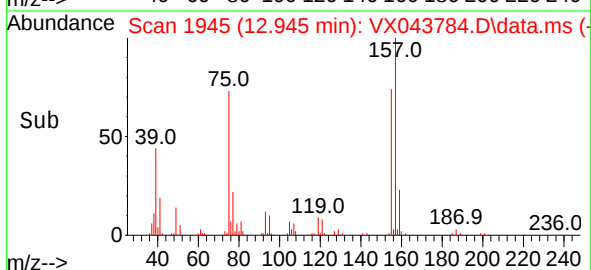
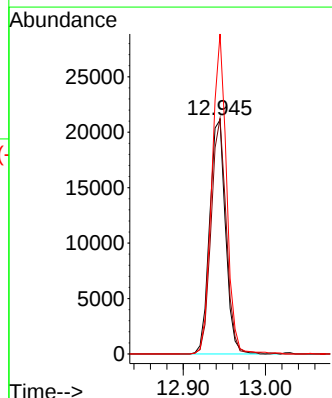
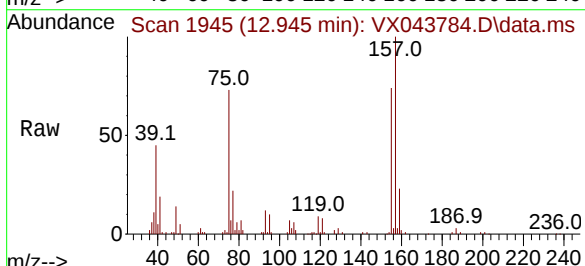
Tgt Ion: 75 Resp: 28373

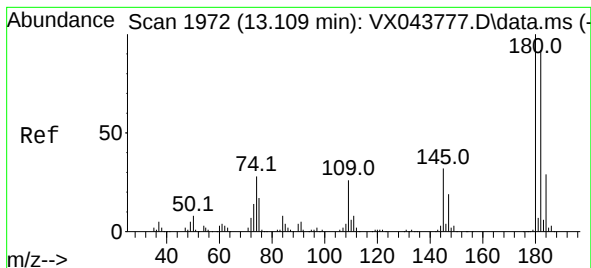
Ion Ratio Lower Upper

75 100

155 100.6 63.8 95.8#

157 136.7 80.3 120.5#





#69

1,3,5-Trichlorobenzene

Concen: 51.962 ug/L

RT: 13.109 min Scan# 1972

Delta R.T. -0.000 min

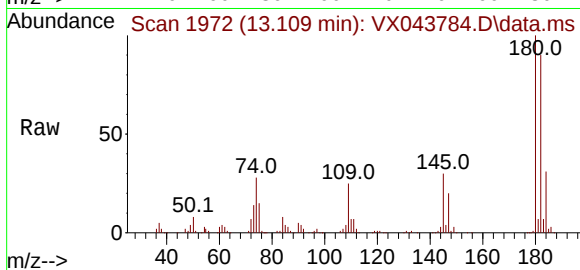
Lab File: VX043784.D

Acq: 11 Nov 2024 12:13

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 133607

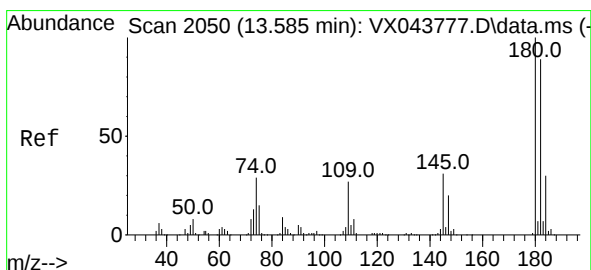
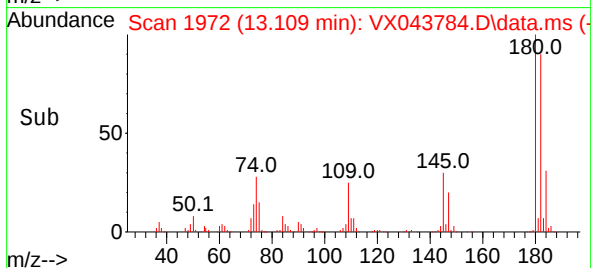
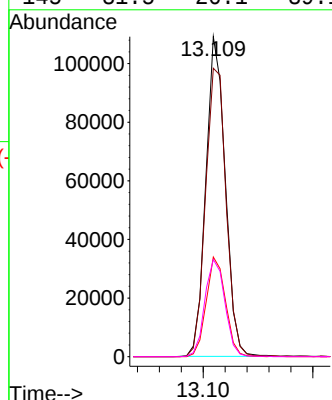
Ion Ratio Lower Upper

180 100

182 95.9 74.7 112.1

184 31.1 23.7 35.5

145 31.5 26.1 39.1



#70

1,2,4-trichlorobenzene

Concen: 51.382 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX043784.D

Acq: 11 Nov 2024 12:13

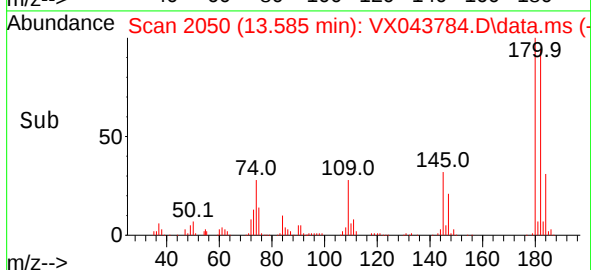
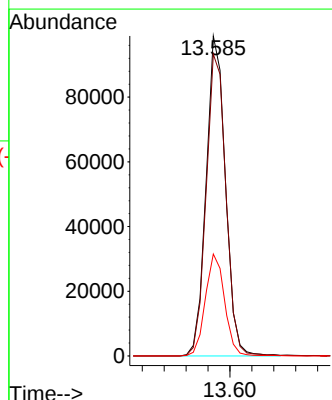
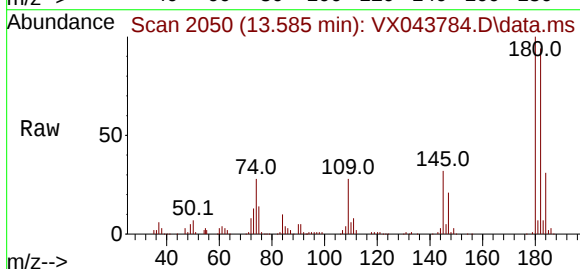
Tgt Ion:180 Resp: 121138

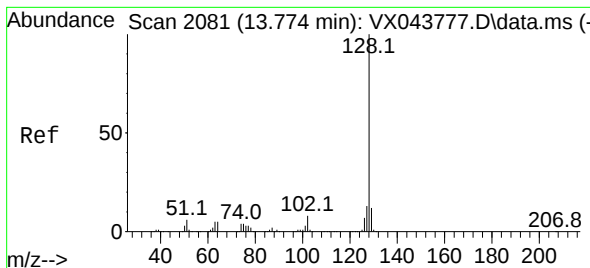
Ion Ratio Lower Upper

180 100

182 96.5 75.9 113.9

145 31.6 26.9 40.3





#71

Naphthalene

Concen: 51.871 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX043784.D

Acq: 11 Nov 2024 12:13

Instrument :

MSVOA_X

ClientSampleId :

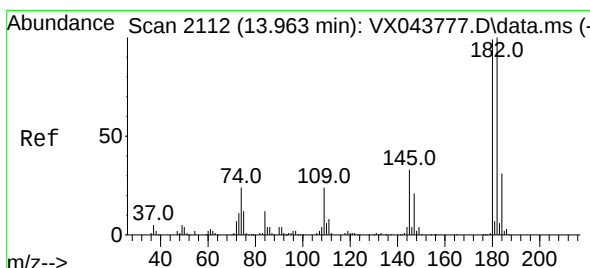
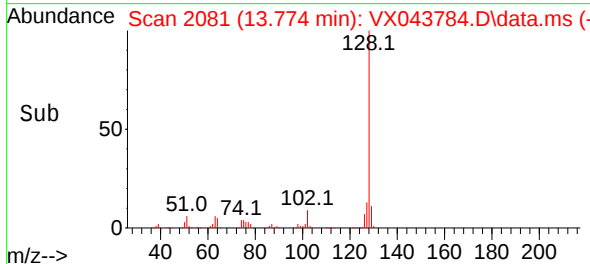
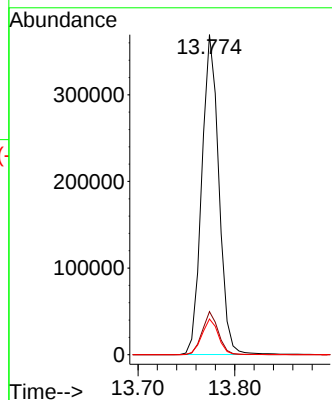
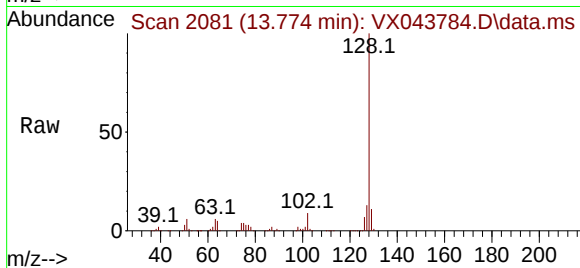
Tgt Ion:128 Resp: 454128

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.2

129 10.9 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 52.794 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX043784.D

Acq: 11 Nov 2024 12:13

Tgt Ion:180 Resp: 128636

Ion Ratio Lower Upper

180 100

182 94.9 75.8 113.8

145 34.4 28.4 42.6

