

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110424\
 Data File : VX043676.D
 Acq On : 04 Nov 2024 11:55
 Operator : JC/MD
 Sample : VSTD050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 05 03:11:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML110424WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 05 03:09:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	336517	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	285501	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	135430	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	90501	50.482	ug/L	0.00
7) Chloroethane-d5	1.642	69	38209	49.584	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.294	65	41402	50.027	ug/L	0.00
21) 2-Butanone-d5	4.459	46	119424	102.321	ug/L	0.00
24) Chloroform-d	5.056	84	193829	50.153	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	119161	48.535	ug/L	0.00
32) Benzene-d6	5.964	84	380178	51.505	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.306	67	113684	50.623	ug/L	0.00
41) Toluene-d8	8.647	98	341787	50.973	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	55431	52.321	ug/L	0.00
47) 2-Hexanone-d5	9.385	63	92721	104.329	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	144184	50.041	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	115760	49.333	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	124897	52.698	ug/L	100
3) Chloromethane	1.295	50	116037	50.378	ug/L	100
5) Vinyl chloride	1.374	62	115097	51.014	ug/L	100
6) Bromomethane	1.593	94	45264	51.772	ug/L	100
8) Chloroethane	1.660	64	41834	60.519	ug/L	100
9) Trichlorofluoromethane	1.868	101	155050	54.154	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	102992	52.376	ug/L	100
12) 1,1-Dichloroethene	2.307	96	92217	51.371	ug/L	100
13) Acetone	2.386	43	110707	101.406	ug/L	100
14) Carbon disulfide	2.502	76	199175	50.191	ug/L	100
15) Methyl Acetate	2.703	43	117672	50.973	ug/L	100
16) Methylene chloride	2.782	84	107984	49.791	ug/L	100
17) trans-1,2-Dichloroethene	3.081	96	100002	51.782	ug/L	100
18) Methyl tert-butyl Ether	3.111	73	379811	51.735	ug/L	100
19) 1,1-Dichloroethane	3.599	63	197518	51.939	ug/L	100
20) cis-1,2-Dichloroethene	4.477	96	122581	51.103	ug/L	100
22) 2-Butanone	4.562	43	158959	102.207	ug/L	100
23) Bromochloromethane	4.891	128	61720	51.188	ug/L	100
25) Chloroform	5.087	83	208503	51.093	ug/L	100
27) 1,2-Dichloroethane	6.080	62	164703	52.220	ug/L	100
29) Cyclohexane	5.458	56	177381	53.544	ug/L	100
30) 1,1,1-Trichloroethane	5.379	97	181637	52.518	ug/L	100
31) Carbon tetrachloride	5.666	117	151109	53.257	ug/L	100
33) Benzene	6.032	78	429634	52.795	ug/L	100
34) Trichloroethene	7.123	95	114514	52.342	ug/L	100
35) Methylcyclohexane	7.373	83	178670	54.662	ug/L	100
37) 1,2-Dichloropropane	7.428	63	114019	52.599	ug/L	100
38) Bromodichloromethane	7.818	83	145452	52.755	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	185164	53.167	ug/L	100
40) 4-Methyl-2-pentanone	8.574	43	312397	105.881	ug/L	100
42) Toluene	8.714	91	448088	52.351	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	170613	53.300	ug/L	100

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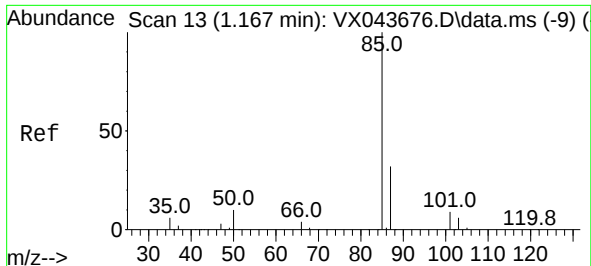
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	9.147	97	115660	52.032	ug/L	100
46) Tetrachloroethene	9.269	164	82876	52.627	ug/L	100
48) 2-Hexanone	9.433	43	237094	107.504	ug/L	100
49) Dibromochloromethane	9.519	129	108381	52.311	ug/L	100
50) 1,2-Dibromoethane	9.604	107	120422	52.468	ug/L	100
51) Chlorobenzene	10.080	112	291267	52.068	ug/L	100
52) Ethylbenzene	10.189	91	489943	52.661	ug/L	100
53) m,p-Xylene	10.299	106	189005	52.626	ug/L	100
54) o-Xylene	10.640	106	189095	52.812	ug/L	100
55) Styrene	10.653	104	319254	53.601	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.214	83	172711	51.878	ug/L	100
59) Bromoform	10.799	173	74305	52.454	ug/L	100
60) Isopropylbenzene	10.957	105	494209	52.628	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	133276	50.699	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	410711	52.034	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	414795	52.780	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	213813	51.763	ug/L	100
65) 1,4-Dichlorobenzene	12.037	146	214172	51.479	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	219659	52.038	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.939	75	33630	51.091	ug/L	100
69) 1,3,5-Trichlorobenzene	13.110	180	141395	51.324	ug/L	100
70) 1,2,4-trichlorobenzene	13.585	180	130035	51.478	ug/L	100
71) Naphthalene	13.774	128	494566	52.723	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	133917	51.297	ug/L	100

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

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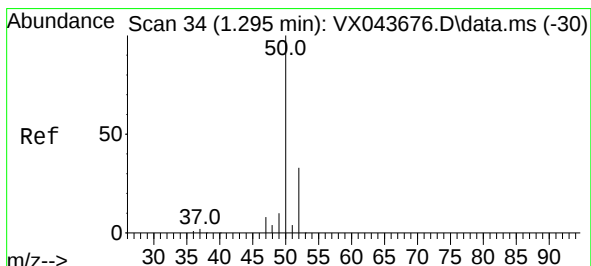
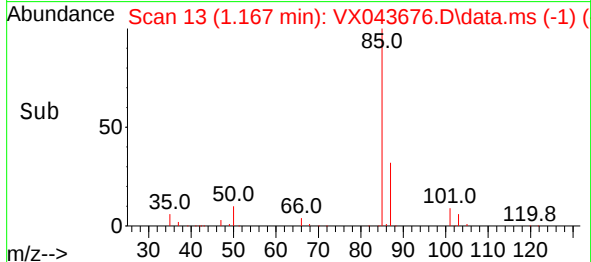
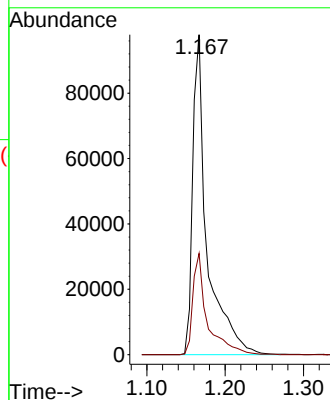
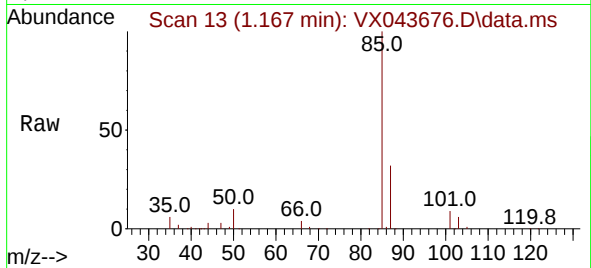




#2
Dichlorodifluoromethane
Concen: 52.698 ug/L
RT: 1.167 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX043676.D
Acq: 04 Nov 2024 11:55

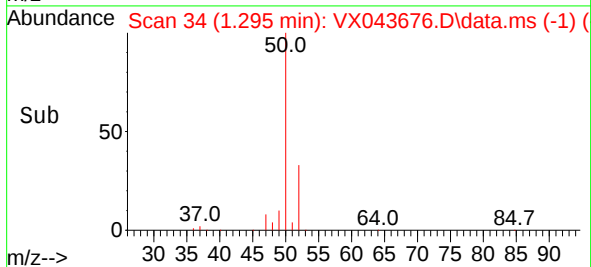
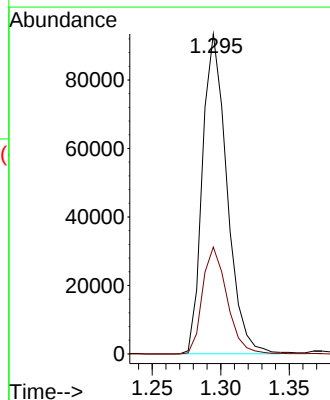
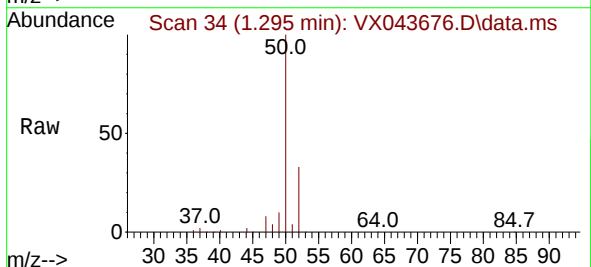
Instrument :
MSVOA_X
ClientSampleId :

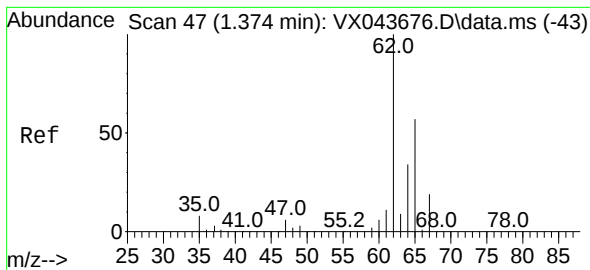
Tgt Ion: 85 Resp: 124897
Ion Ratio Lower Upper
85 100
87 32.0 25.6 38.4



#3
Chloromethane
Concen: 50.378 ug/L
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX043676.D
Acq: 04 Nov 2024 11:55

Tgt Ion: 50 Resp: 116037
Ion Ratio Lower Upper
50 100
52 33.4 23.4 43.4





#5

Vinyl chloride

Concen: 51.014 ug/L

RT: 1.374 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX043676.D

Acq: 04 Nov 2024 11:55

Instrument :

MSVOA_X

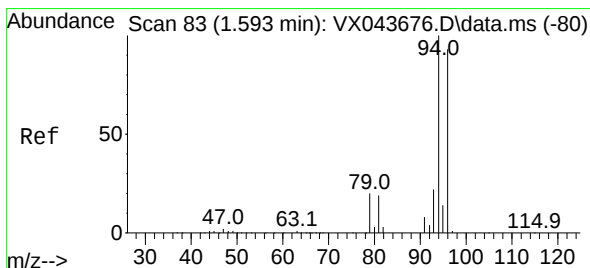
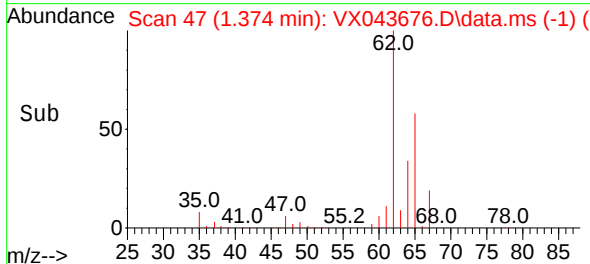
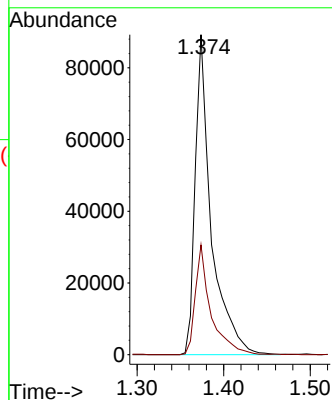
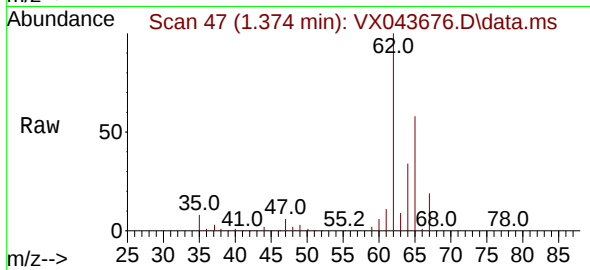
ClientSampleId :

Tgt Ion: 62 Resp: 115097

Ion Ratio Lower Upper

62 100

64 34.3 24.0 44.6



#6

Bromomethane

Concen: 51.772 ug/L

RT: 1.593 min Scan# 83

Delta R.T. 0.000 min

Lab File: VX043676.D

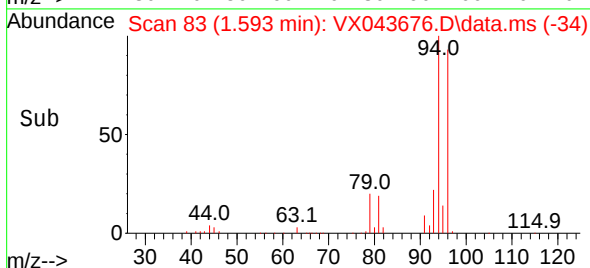
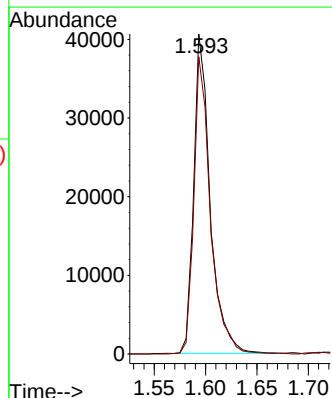
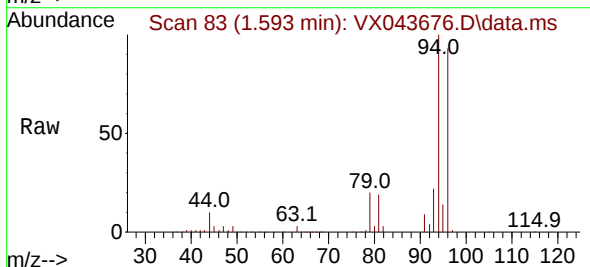
Acq: 04 Nov 2024 11:55

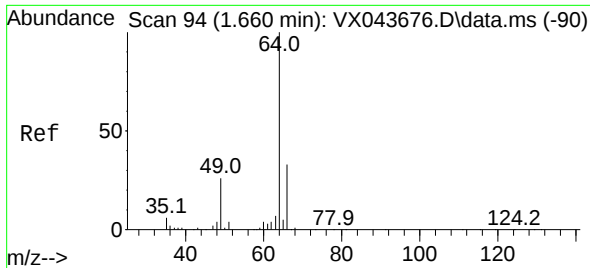
Tgt Ion: 94 Resp: 45264

Ion Ratio Lower Upper

94 100

96 92.9 65.0 120.8

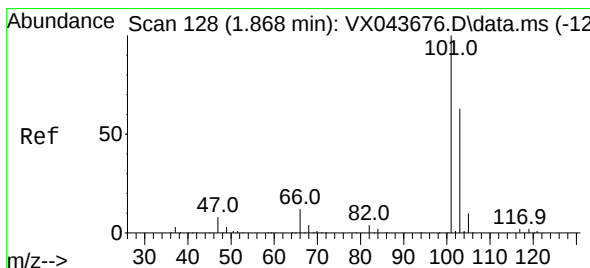
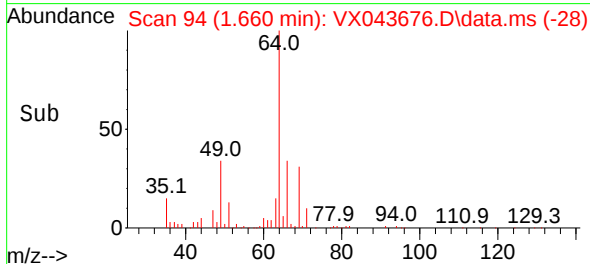
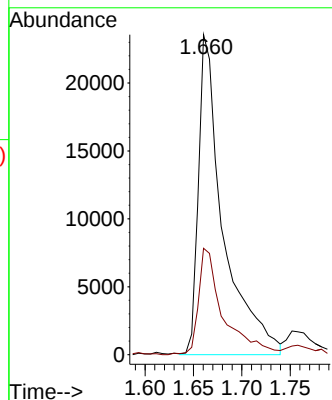
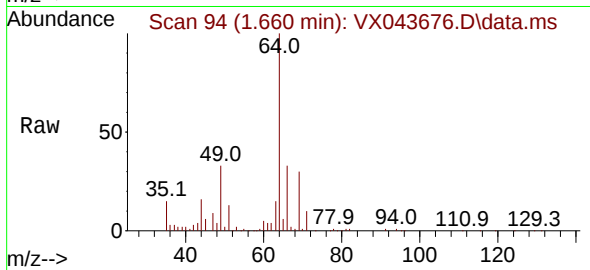




#8
Chloroethane
Concen: 60.519 ug/L
RT: 1.660 min Scan# 94
Delta R.T. 0.000 min
Lab File: VX043676.D
Acq: 04 Nov 2024 11:55

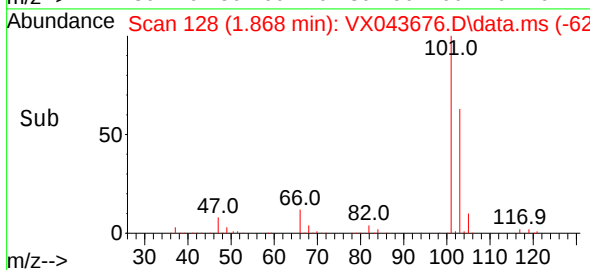
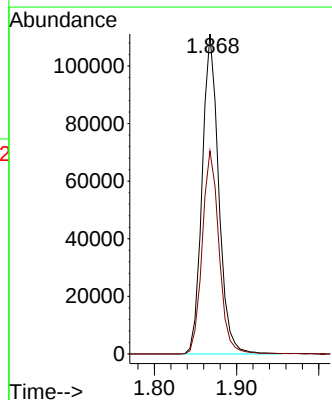
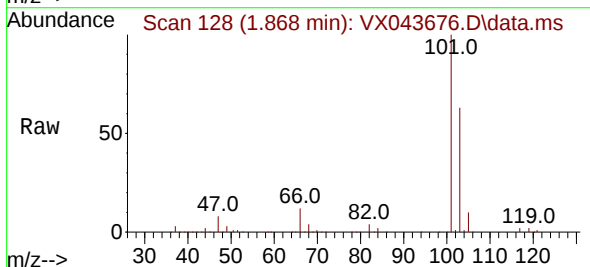
Instrument :
MSVOA_X
ClientSampleId :

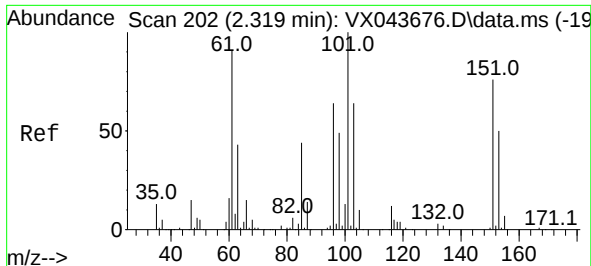
Tgt Ion: 64 Resp: 41834
Ion Ratio Lower Upper
64 100
66 33.2 23.2 43.2



#9
Trichlorofluoromethane
Concen: 54.154 ug/L
RT: 1.868 min Scan# 128
Delta R.T. 0.000 min
Lab File: VX043676.D
Acq: 04 Nov 2024 11:55

Tgt Ion:101 Resp: 155050
Ion Ratio Lower Upper
101 100
103 64.5 51.6 77.4

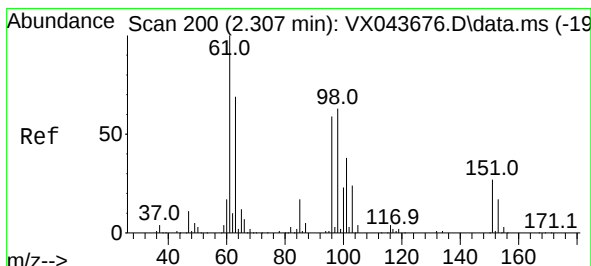
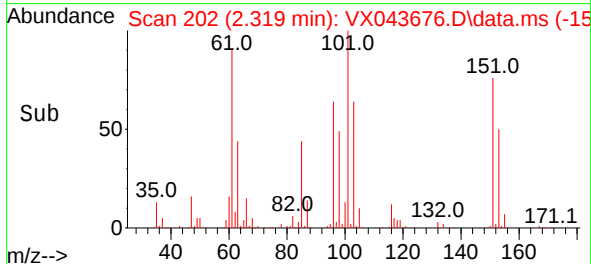
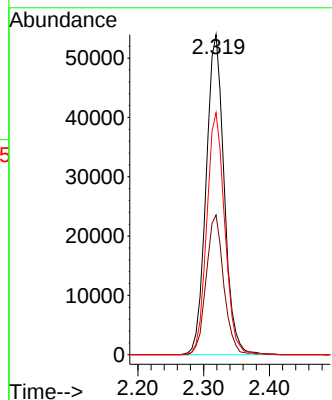
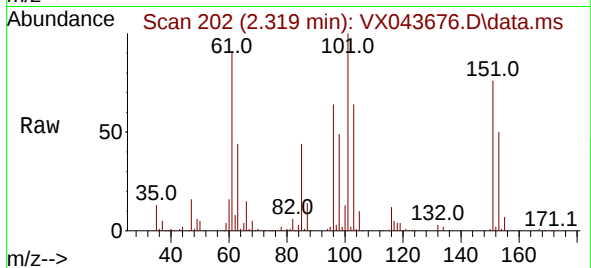




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 52.376 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX043676.D
 Acq: 04 Nov 2024 11:55

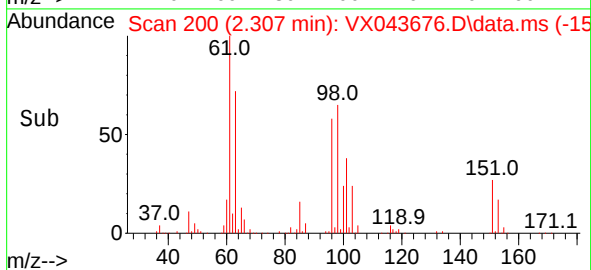
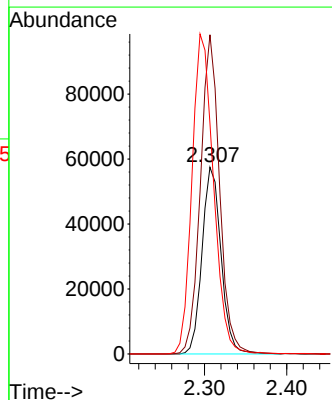
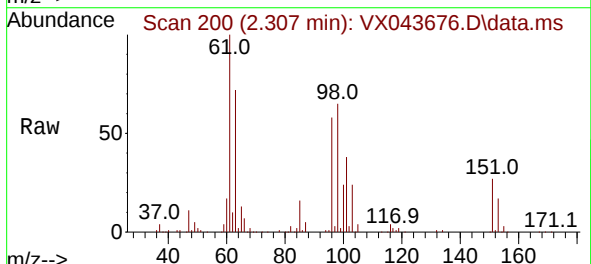
Instrument :
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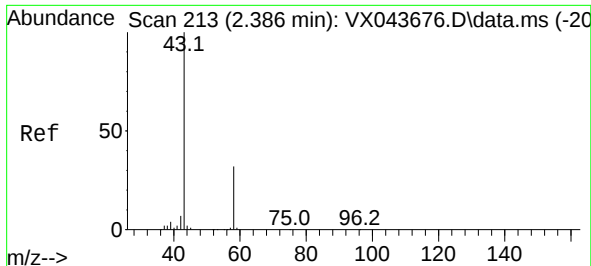
Tgt Ion:101 Resp: 102992
 Ion Ratio Lower Upper
 101 100
 85 42.5 34.0 51.0
 151 75.3 60.2 90.4



#12
 1,1-Dichloroethene
 Concen: 51.371 ug/L
 RT: 2.307 min Scan# 200
 Delta R.T. 0.000 min
 Lab File: VX043676.D
 Acq: 04 Nov 2024 11:55

Tgt Ion: 96 Resp: 92217
 Ion Ratio Lower Upper
 96 100
 61 171.0 119.7 222.3
 63 123.5 86.5 160.6

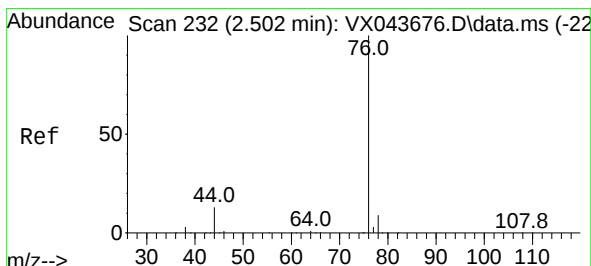
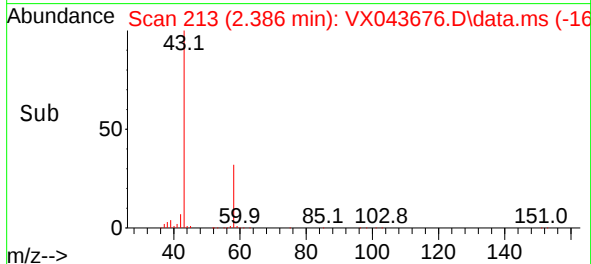
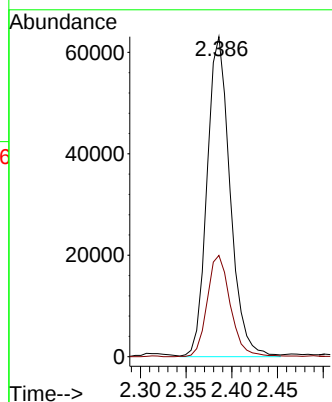
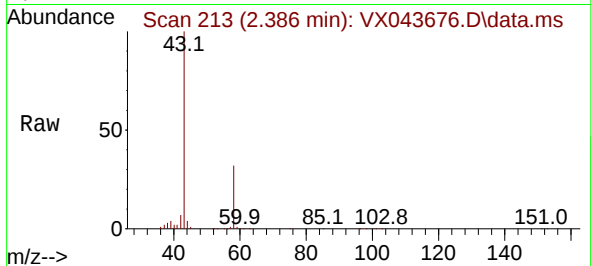




#13
Acetone
Concen: 101.406 ug/L
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX043676.D
Acq: 04 Nov 2024 11:55

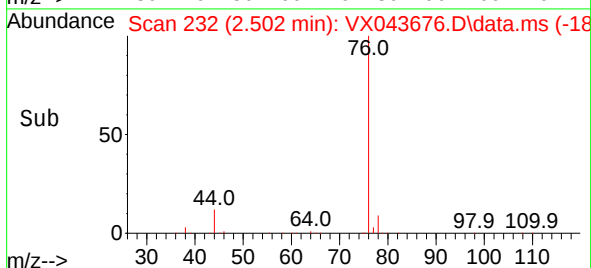
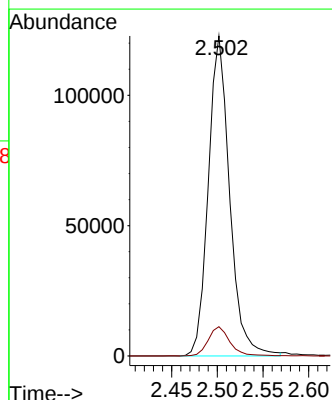
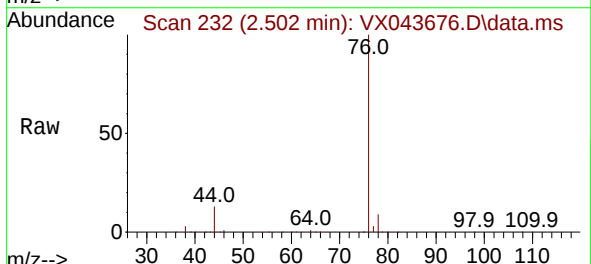
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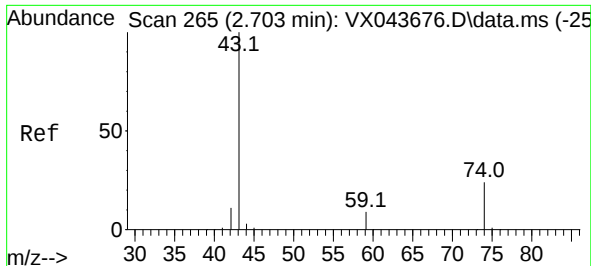
Tgt Ion: 43 Resp: 110707
Ion Ratio Lower Upper
43 100
58 31.8 0.0 63.6



#14
Carbon disulfide
Concen: 50.191 ug/L
RT: 2.502 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX043676.D
Acq: 04 Nov 2024 11:55

Tgt Ion: 76 Resp: 199175
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9





#15

Methyl Acetate

Concen: 50.973 ug/L

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX043676.D

Acq: 04 Nov 2024 11:55

Instrument :

MSVOA_X

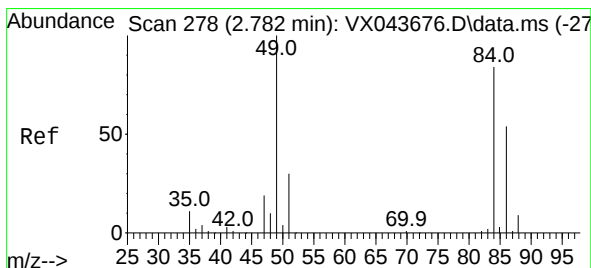
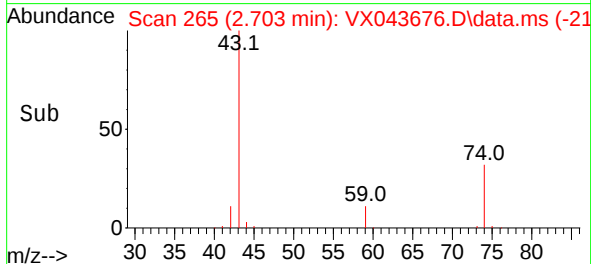
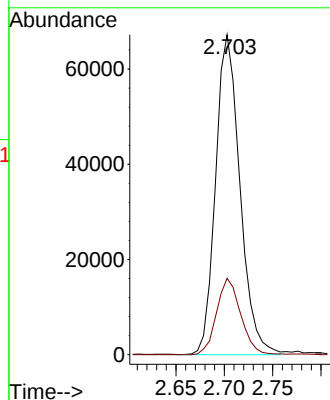
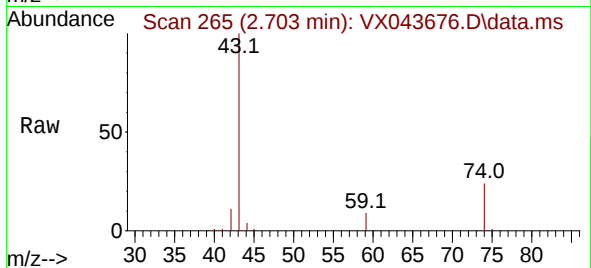
ClientSampleId :

Tgt Ion: 43 Resp: 117672

Ion Ratio Lower Upper

43 100

74 23.6 18.9 28.3



#16

Methylene chloride

Concen: 49.791 ug/L

RT: 2.782 min Scan# 278

Delta R.T. 0.000 min

Lab File: VX043676.D

Acq: 04 Nov 2024 11:55

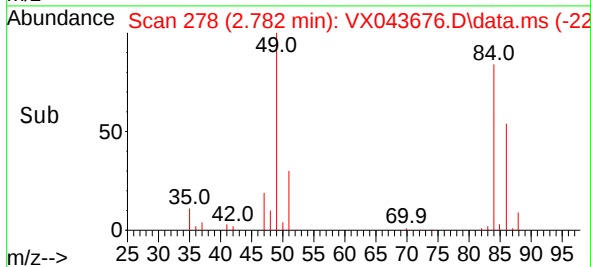
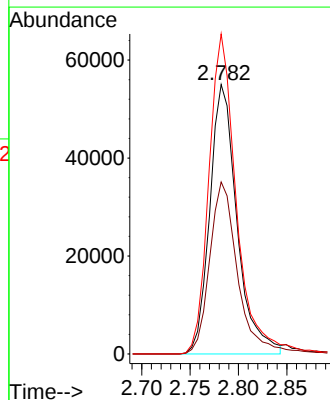
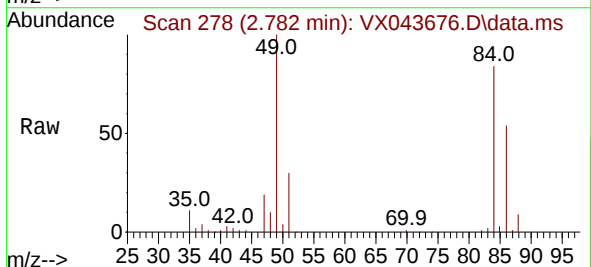
Tgt Ion: 84 Resp: 107984

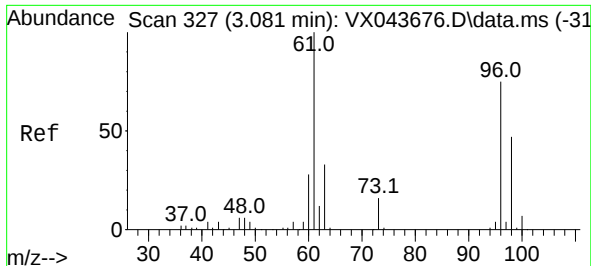
Ion Ratio Lower Upper

84 100

86 63.9 44.7 83.1

49 118.8 83.2 154.4

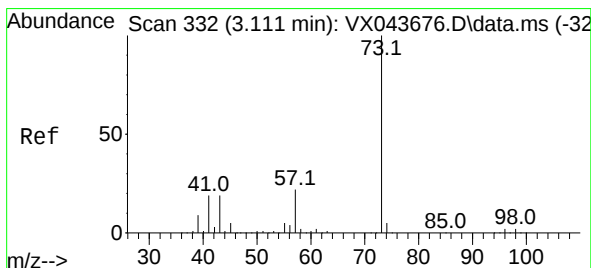
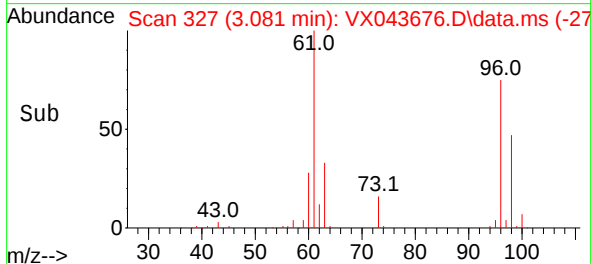
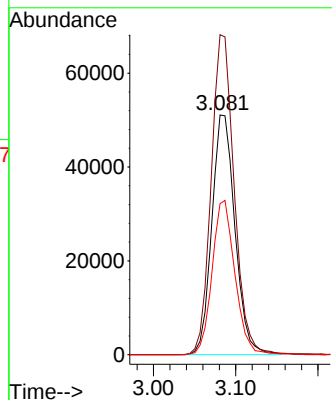
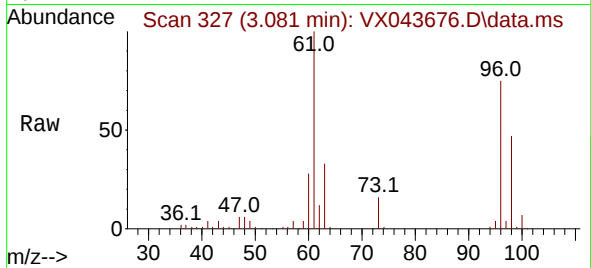




#17
trans-1,2-Dichloroethene
Concen: 51.782 ug/L
RT: 3.081 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX043676.D
Acq: 04 Nov 2024 11:55

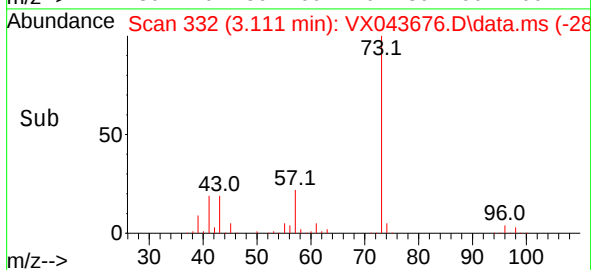
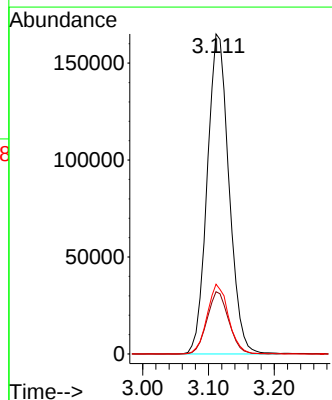
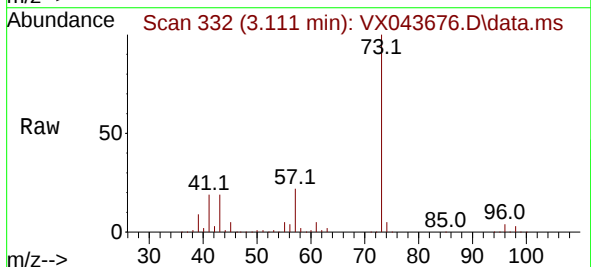
Instrument :
MSVOA_X
ClientSampleId :

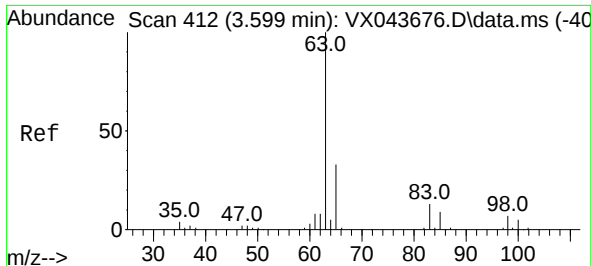
Tgt Ion: 96 Resp: 100002
Ion Ratio Lower Upper
96 100
61 133.5 93.4 173.6
98 63.0 44.1 81.9



#18
Methyl tert-butyl Ether
Concen: 51.735 ug/L
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX043676.D
Acq: 04 Nov 2024 11:55

Tgt Ion: 73 Resp: 379811
Ion Ratio Lower Upper
73 100
43 19.4 15.5 23.3
57 21.5 17.2 25.8





#19

1,1-Dichloroethane

Concen: 51.939 ug/L

RT: 3.599 min Scan# 412

Delta R.T. 0.000 min

Lab File: VX043676.D

Acq: 04 Nov 2024 11:55

Instrument :

MSVOA_X

ClientSampleId :

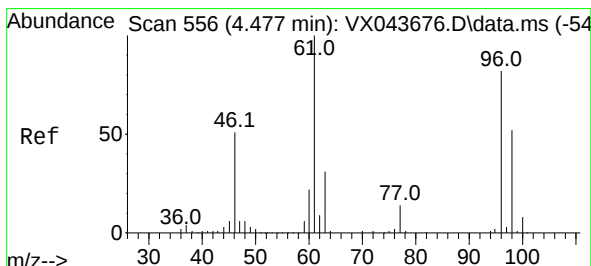
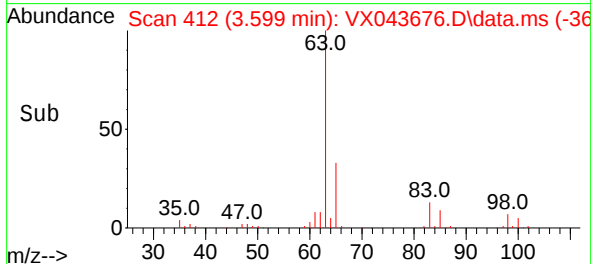
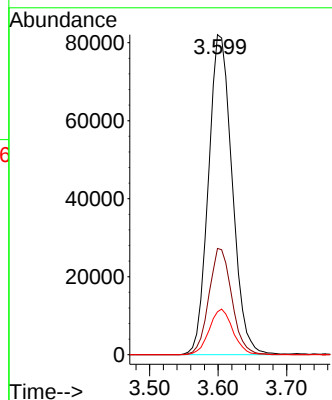
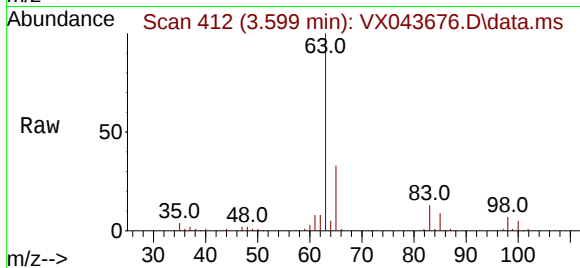
Tgt Ion: 63 Resp: 197518

Ion Ratio Lower Upper

63 100

65 33.2 23.2 43.2

83 13.4 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 51.103 ug/L

RT: 4.477 min Scan# 556

Delta R.T. 0.000 min

Lab File: VX043676.D

Acq: 04 Nov 2024 11:55

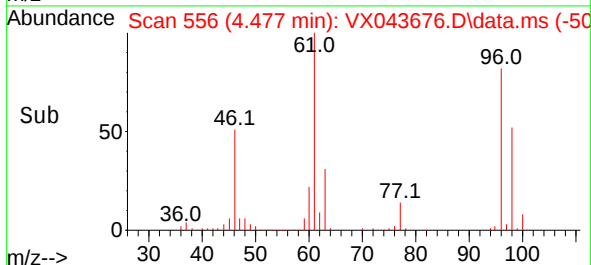
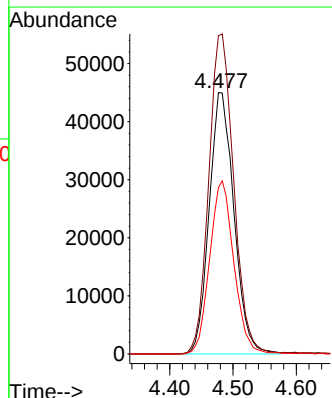
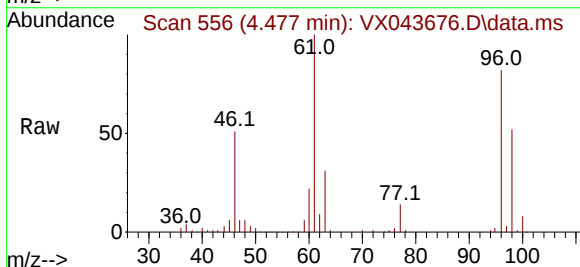
Tgt Ion: 96 Resp: 122581

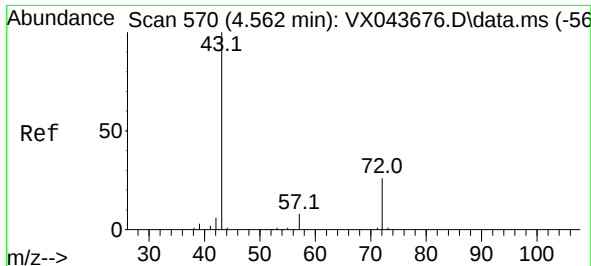
Ion Ratio Lower Upper

96 100

61 121.7 85.2 158.2

98 63.7 44.6 82.8

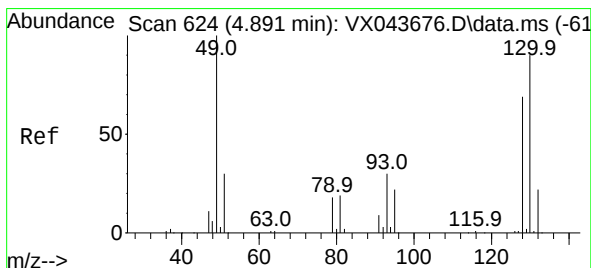
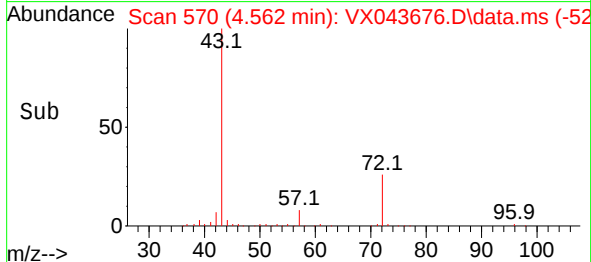
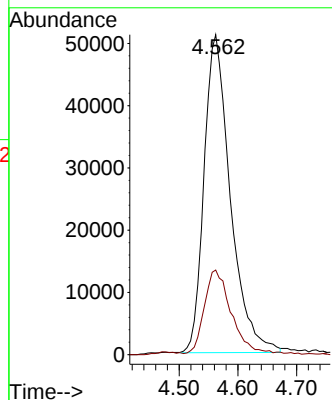
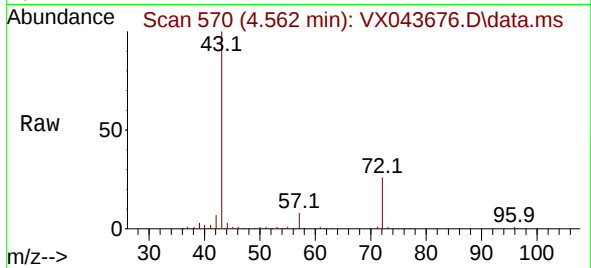




#22
2-Butanone
Concen: 102.207 ug/L
RT: 4.562 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX043676.D
Acq: 04 Nov 2024 11:55

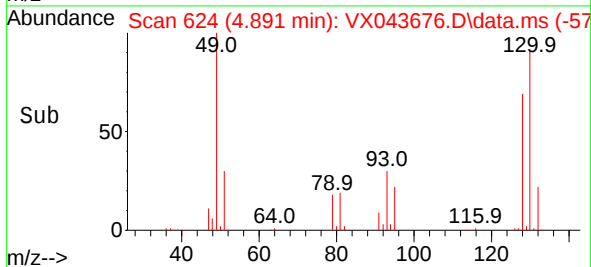
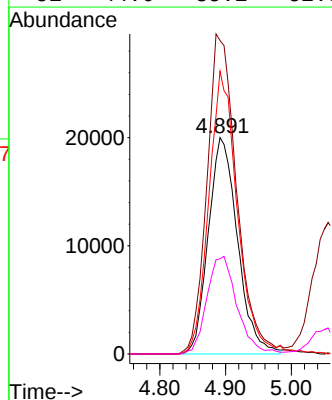
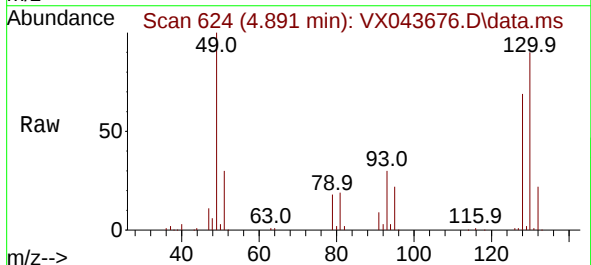
Instrument :
MSVOA_X
ClientSampleId :

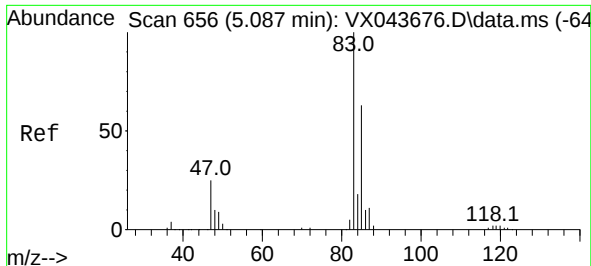
Tgt Ion: 43 Resp: 158959
Ion Ratio Lower Upper
43 100
72 27.2 13.6 40.8



#23
Bromochloromethane
Concen: 51.188 ug/L
RT: 4.891 min Scan# 624
Delta R.T. 0.000 min
Lab File: VX043676.D
Acq: 04 Nov 2024 11:55

Tgt Ion: 128 Resp: 61720
Ion Ratio Lower Upper
128 100
49 144.9 101.4 188.4
130 130.7 91.5 169.9
51 44.0 35.2 52.8





#25

Chloroform

Concen: 51.093 ug/L

RT: 5.087 min Scan# 656

Delta R.T. 0.000 min

Lab File: VX043676.D

Acq: 04 Nov 2024 11:55

Instrument :

MSVOA_X

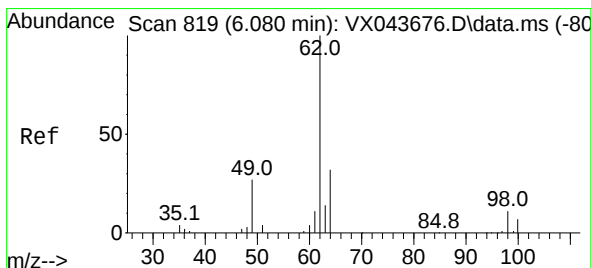
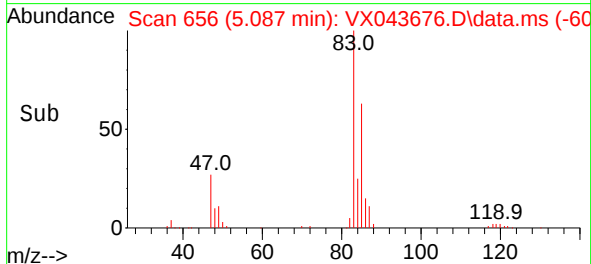
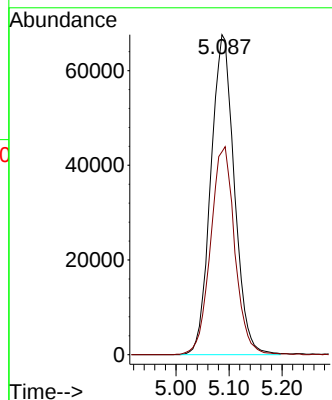
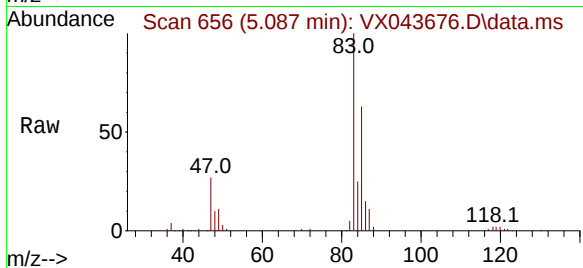
ClientSampleId :

Tgt Ion: 83 Resp: 208503

Ion Ratio Lower Upper

83 100

85 63.4 44.4 82.4



#27

1,2-Dichloroethane

Concen: 52.220 ug/L

RT: 6.080 min Scan# 819

Delta R.T. 0.000 min

Lab File: VX043676.D

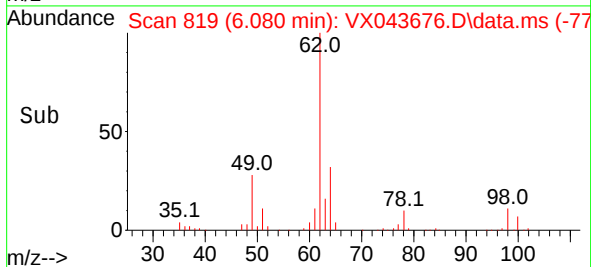
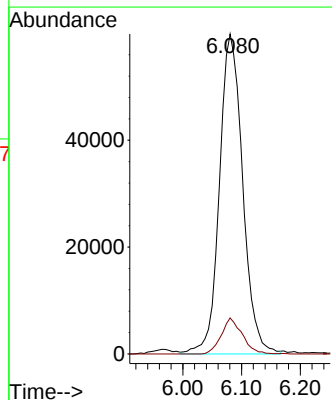
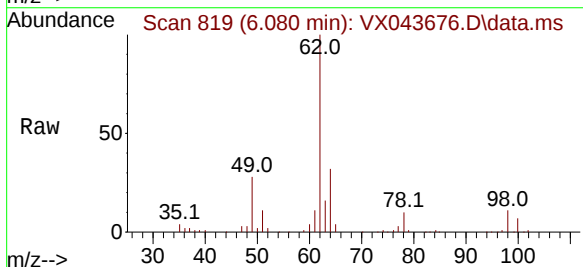
Acq: 04 Nov 2024 11:55

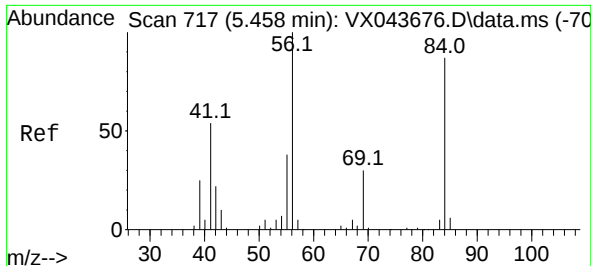
Tgt Ion: 62 Resp: 164703

Ion Ratio Lower Upper

62 100

98 11.3 9.0 13.6





#29

Cyclohexane

Concen: 53.544 ug/L

RT: 5.458 min Scan# 717

Delta R.T. 0.000 min

Lab File: VX043676.D

Acq: 04 Nov 2024 11:55

Instrument :

MSVOA_X

ClientSampleId :

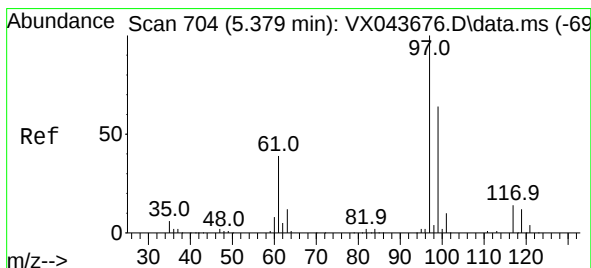
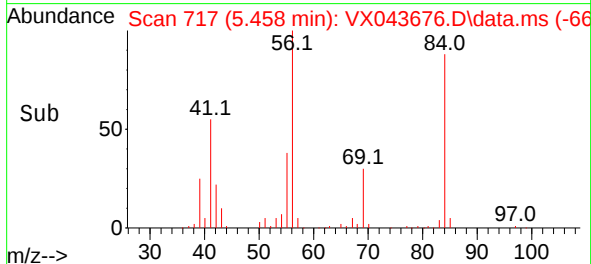
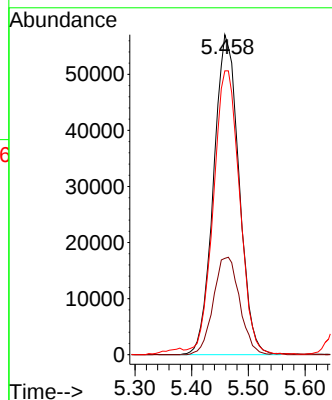
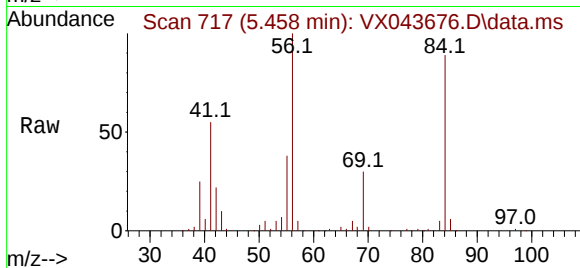
Tgt Ion: 56 Resp: 177381

Ion Ratio Lower Upper

56 100

69 31.5 25.2 37.8

84 91.1 72.9 109.3



#30

1,1,1-Trichloroethane

Concen: 52.518 ug/L

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX043676.D

Acq: 04 Nov 2024 11:55

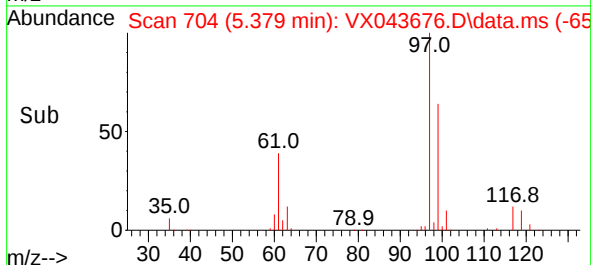
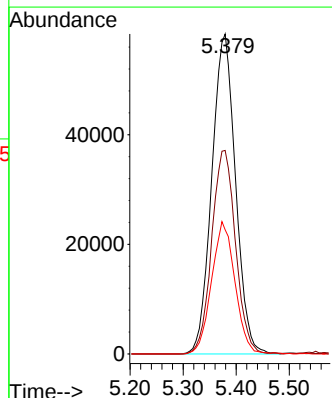
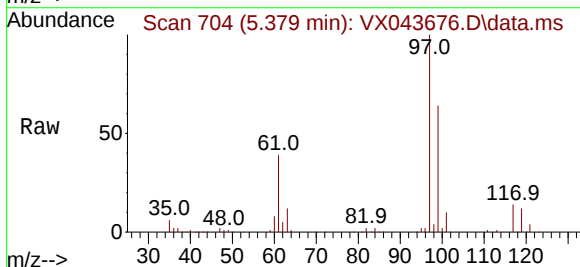
Tgt Ion: 97 Resp: 181637

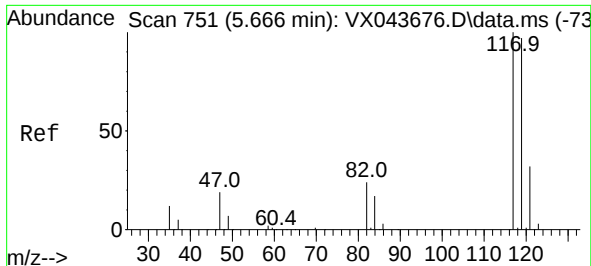
Ion Ratio Lower Upper

97 100

99 63.8 51.0 76.6

61 40.8 32.6 49.0

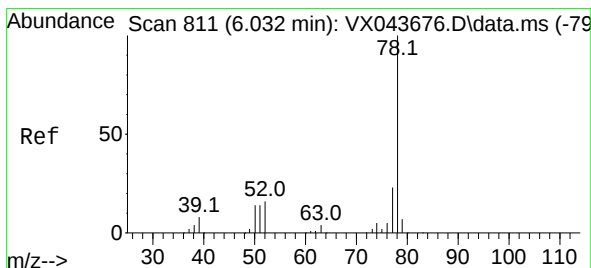
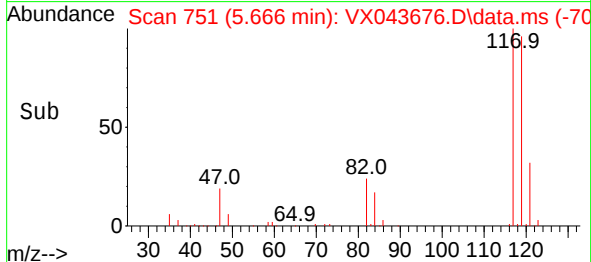
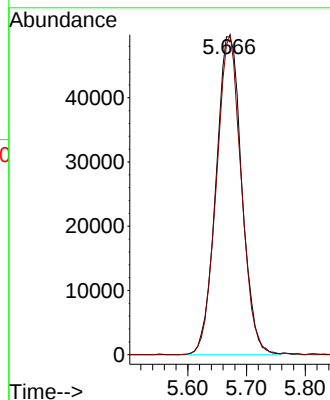
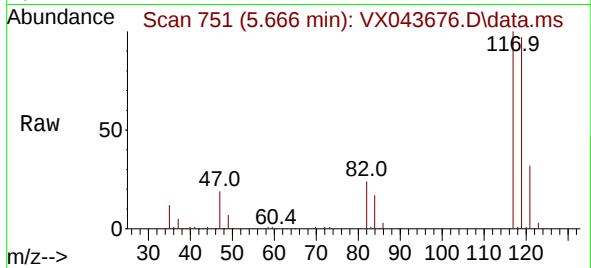




#31
Carbon tetrachloride
Concen: 53.257 ug/L
RT: 5.666 min Scan# 751
Delta R.T. 0.000 min
Lab File: VX043676.D
Acq: 04 Nov 2024 11:55

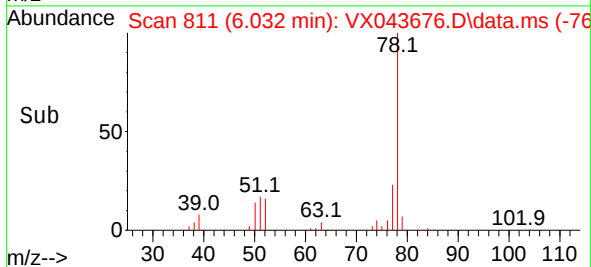
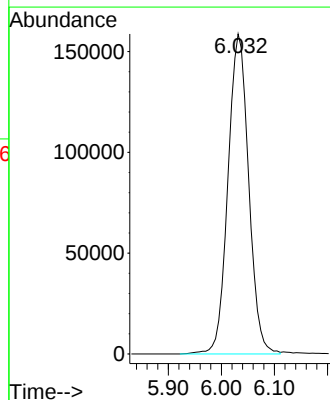
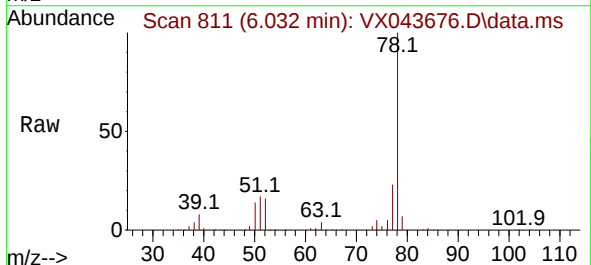
Instrument :
MSVOA_X
ClientSampleId :

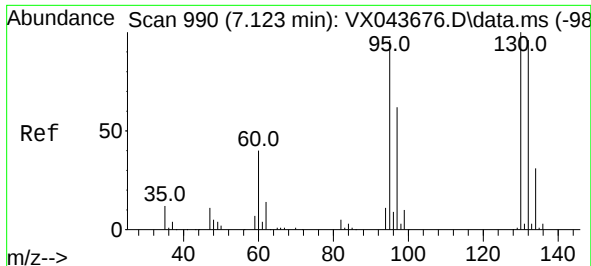
Tgt Ion:117 Resp: 151109
Ion Ratio Lower Upper
117 100
119 96.7 77.4 116.0



#33
Benzene
Concen: 52.795 ug/L
RT: 6.032 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX043676.D
Acq: 04 Nov 2024 11:55

Tgt Ion: 78 Resp: 429634

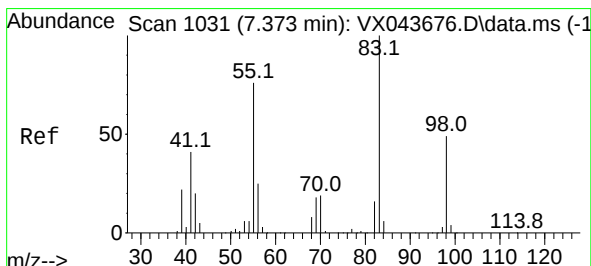
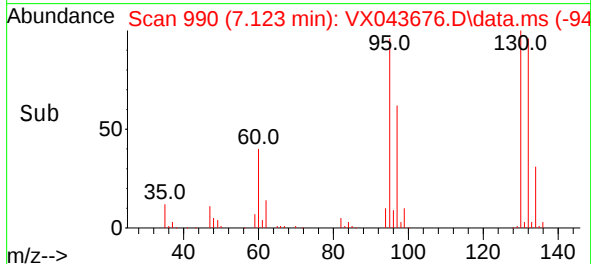
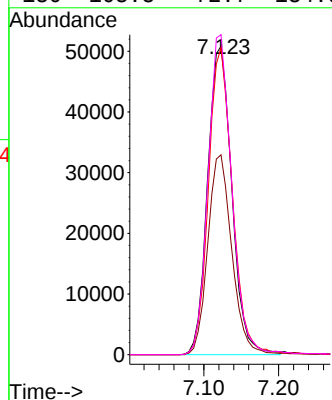
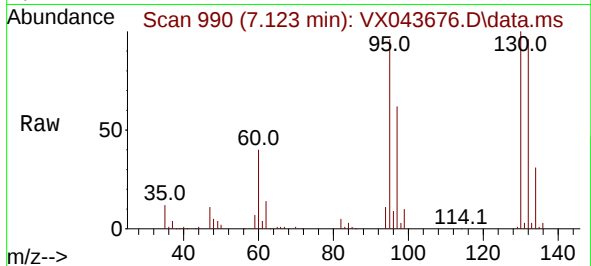




#34
Trichloroethene
Concen: 52.342 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX043676.D
Acq: 04 Nov 2024 11:55

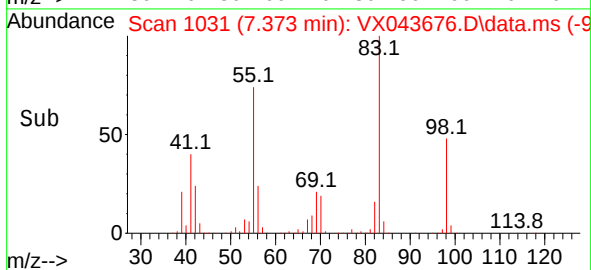
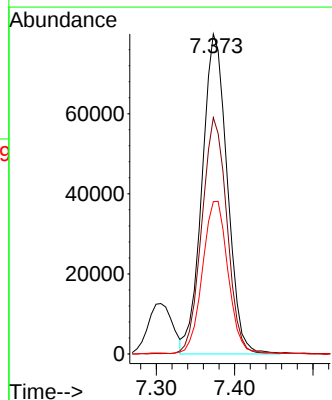
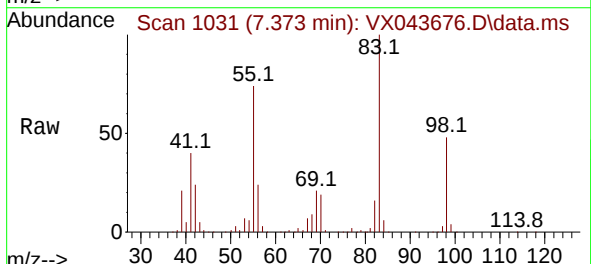
Instrument :
MSVOA_X
ClientSampleId :

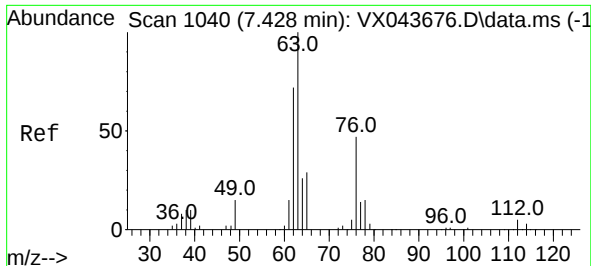
Tgt Ion: 95 Resp: 114514
Ion Ratio Lower Upper
95 100
97 64.8 45.4 84.2
132 99.6 69.7 129.5
130 103.8 72.7 134.9



#35
Methylcyclohexane
Concen: 54.662 ug/L
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX043676.D
Acq: 04 Nov 2024 11:55

Tgt Ion: 83 Resp: 178670
Ion Ratio Lower Upper
83 100
55 73.3 58.6 88.0
98 48.7 39.0 58.4





#37

1,2-Dichloropropane

Concen: 52.599 ug/L

RT: 7.428 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX043676.D

Acq: 04 Nov 2024 11:55

Instrument :

MSVOA_X

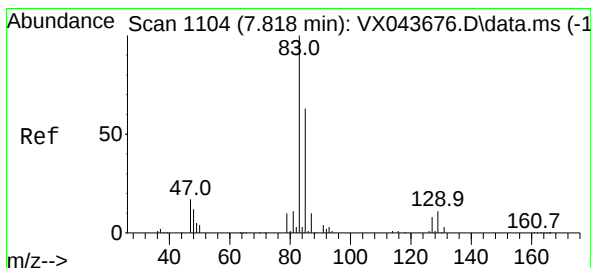
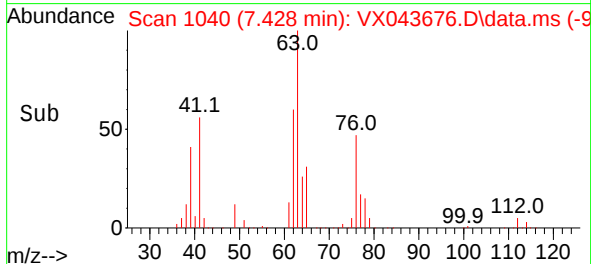
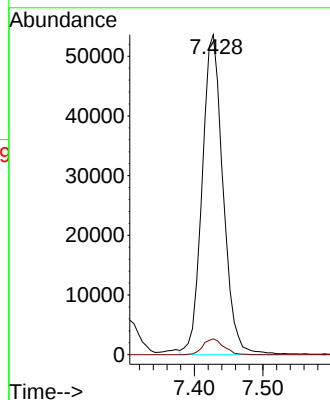
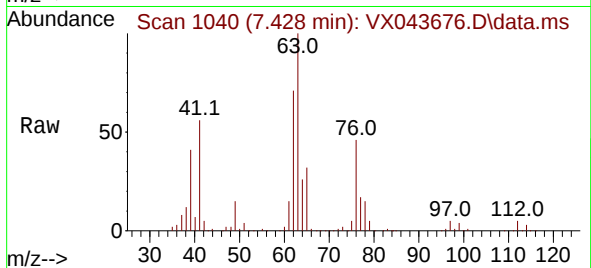
ClientSampleId :

Tgt Ion: 63 Resp: 114019

Ion Ratio Lower Upper

63 100

112 4.8 3.8 5.8



#38

Bromodichloromethane

Concen: 52.755 ug/L

RT: 7.818 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX043676.D

Acq: 04 Nov 2024 11:55

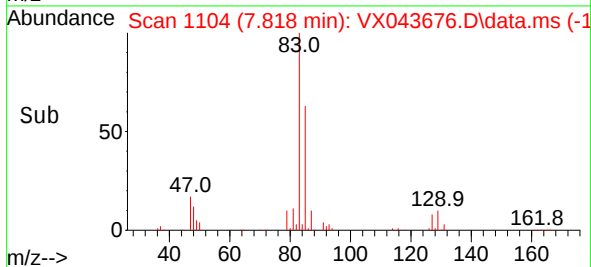
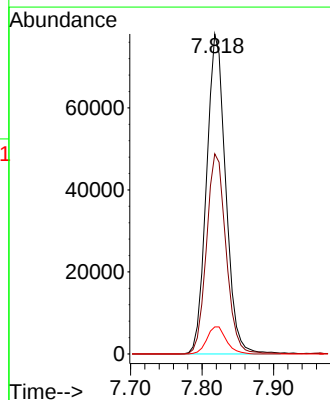
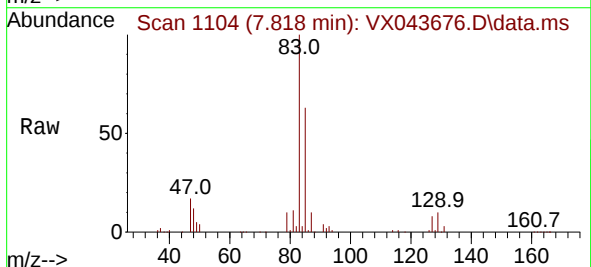
Tgt Ion: 83 Resp: 145452

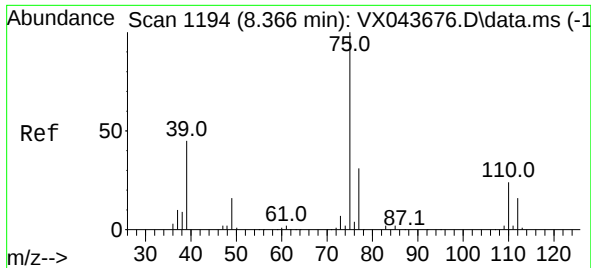
Ion Ratio Lower Upper

83 100

85 62.5 43.8 81.3

127 8.5 6.8 10.2

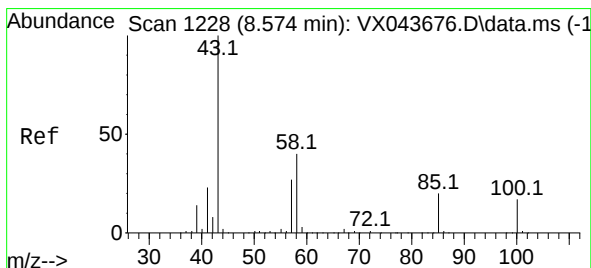
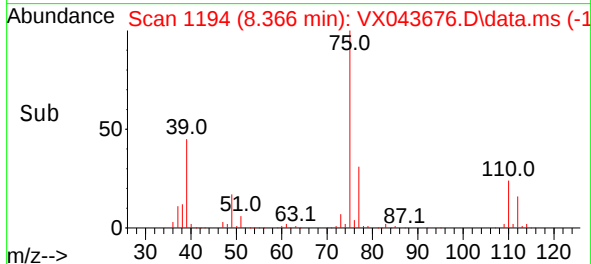
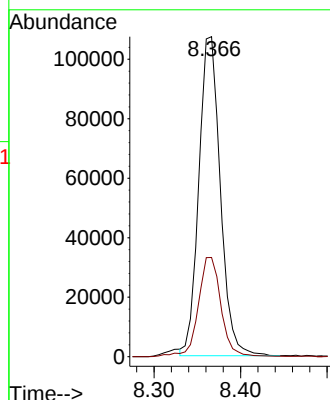
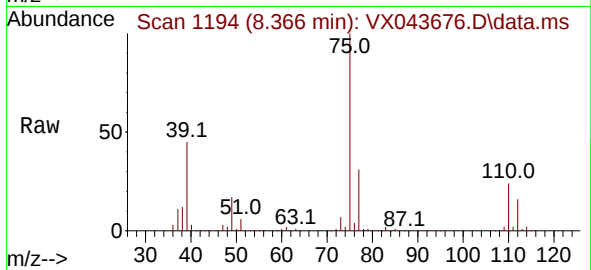




#39
 cis-1,3-Dichloropropene
 Concen: 53.167 ug/L
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX043676.D
 Acq: 04 Nov 2024 11:55

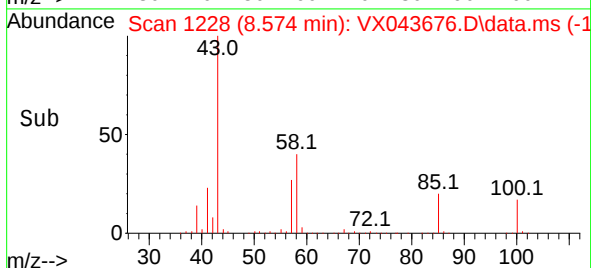
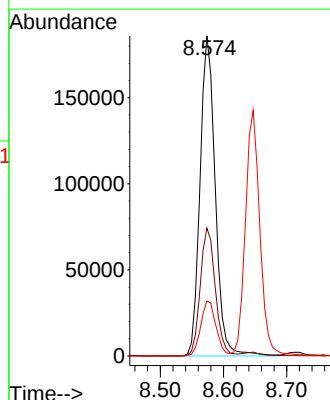
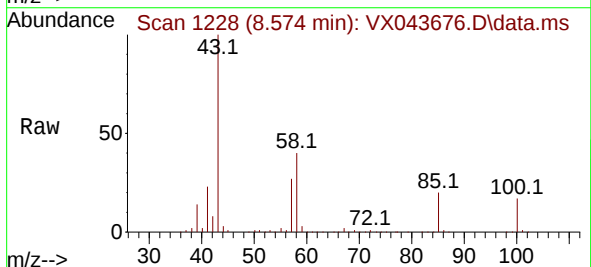
Instrument :
 MSVOA_X
 ClientSampleId :

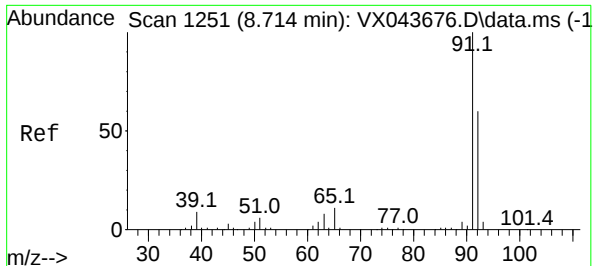
Tgt Ion: 75 Resp: 185164
 Ion Ratio Lower Upper
 75 100
 77 31.0 21.7 40.3



#40
 4-Methyl-2-pentanone
 Concen: 105.881 ug/L
 RT: 8.574 min Scan# 1228
 Delta R.T. 0.000 min
 Lab File: VX043676.D
 Acq: 04 Nov 2024 11:55

Tgt Ion: 43 Resp: 312397
 Ion Ratio Lower Upper
 43 100
 58 39.5 31.6 47.4
 100 17.2 13.8 20.6





#42

Toluene

Concen: 52.351 ug/L

RT: 8.714 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VX043676.D

Acq: 04 Nov 2024 11:55

Instrument :

MSVOA_X

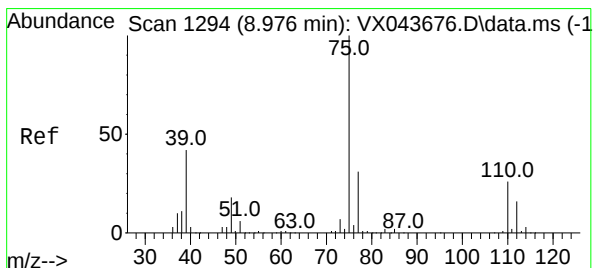
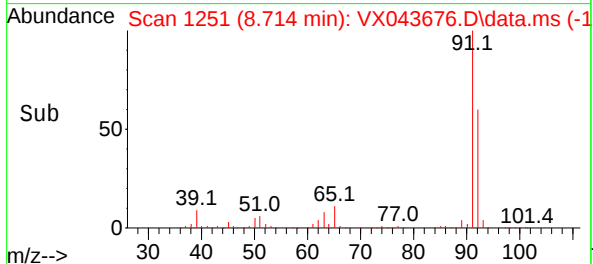
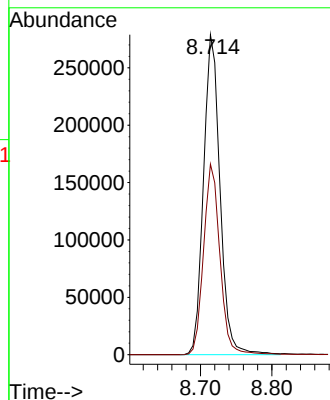
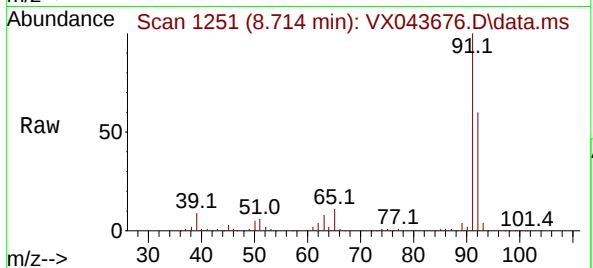
ClientSampleId :

Tgt Ion: 91 Resp: 448088

Ion Ratio Lower Upper

91 100

92 59.5 41.6 77.3



#44

trans-1,3-Dichloropropene

Concen: 53.300 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX043676.D

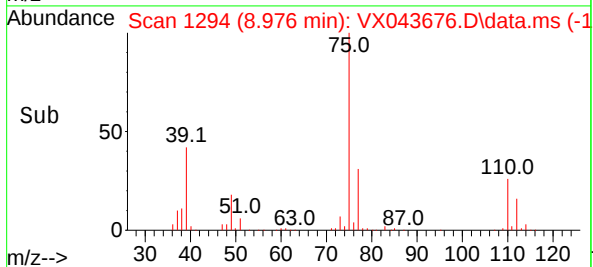
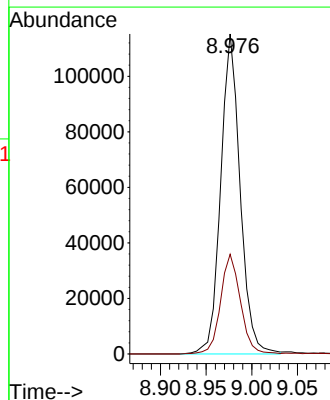
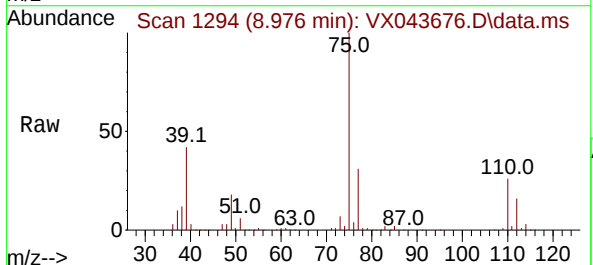
Acq: 04 Nov 2024 11:55

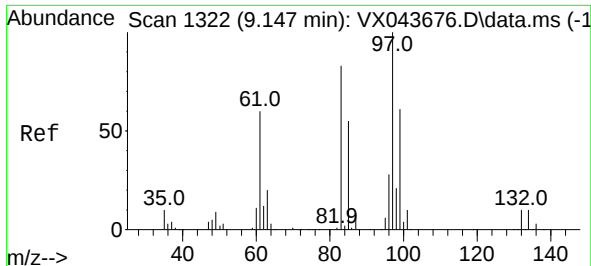
Tgt Ion: 75 Resp: 170613

Ion Ratio Lower Upper

75 100

77 31.1 21.8 40.4

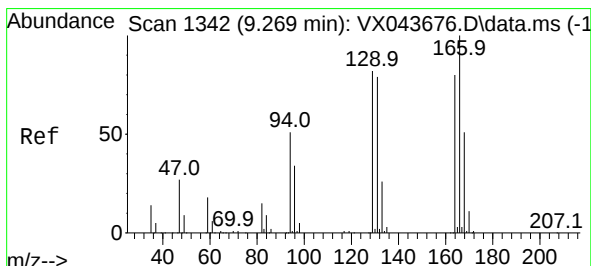
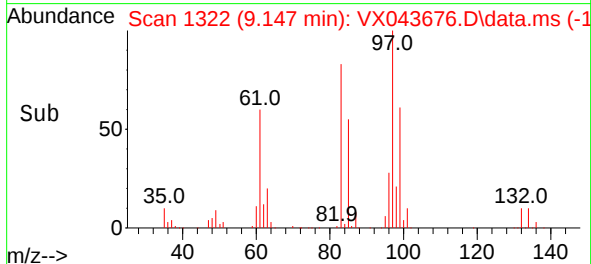
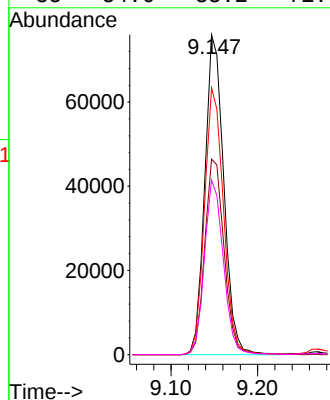
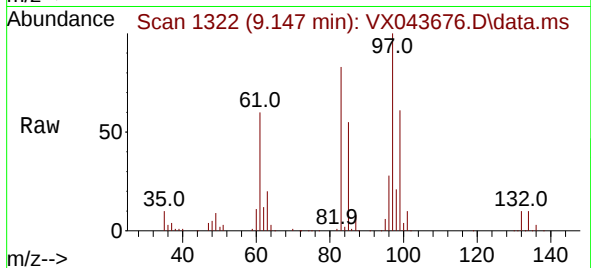




#45
1,1,2-Trichloroethane
Concen: 52.032 ug/L
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX043676.D
Acq: 04 Nov 2024 11:55

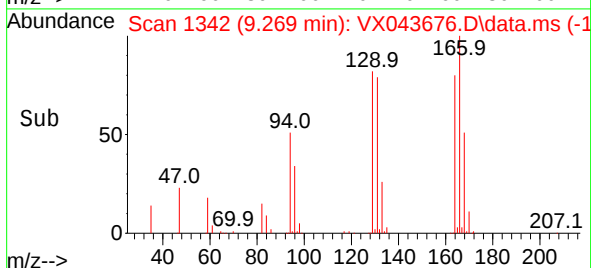
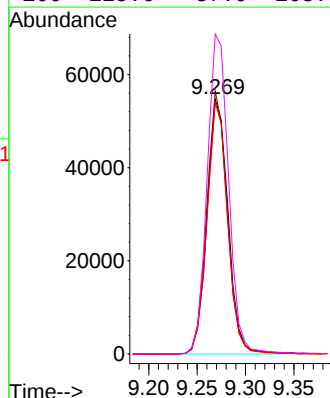
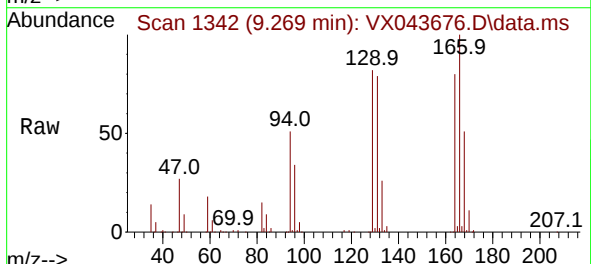
Instrument :
MSVOA_X
ClientSampleId :

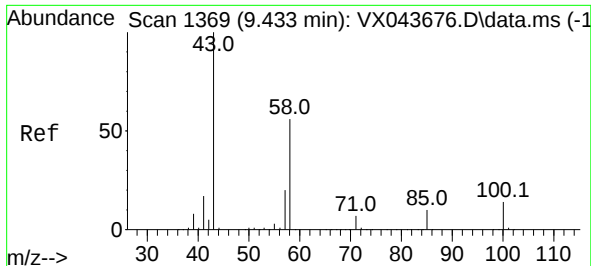
Tgt Ion:	97	Resp:	115660
Ion	Ratio	Lower	Upper
97	100		
99	61.1	42.8	79.4
83	83.4	58.4	108.4
85	54.6	38.2	71.0



#46
Tetrachloroethene
Concen: 52.627 ug/L
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX043676.D
Acq: 04 Nov 2024 11:55

Tgt Ion:	164	Resp:	82876
Ion	Ratio	Lower	Upper
164	100		
129	103.2	72.2	134.2
131	98.6	69.0	128.2
166	125.6	87.9	163.3





#48

2-Hexanone

Concen: 107.504 ug/L

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX043676.D

Acq: 04 Nov 2024 11:55

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 43 Resp: 237094

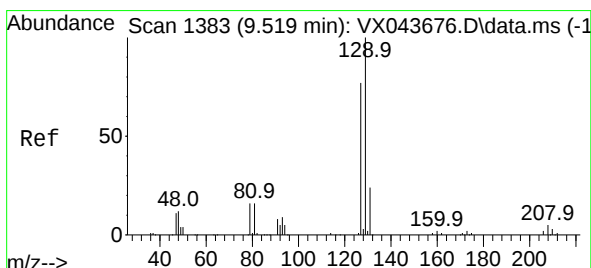
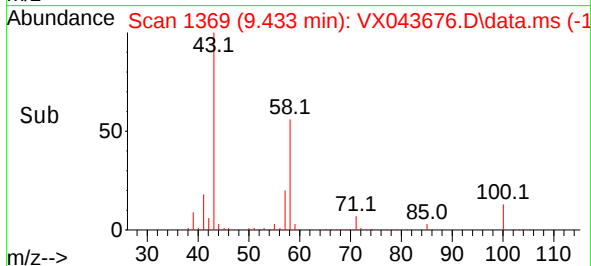
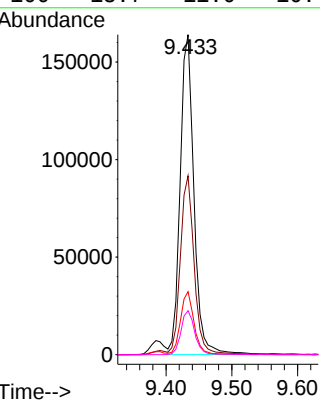
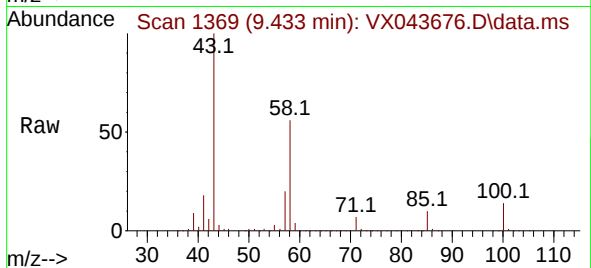
Ion Ratio Lower Upper

43 100

58 55.8 44.6 67.0

57 19.6 15.7 23.5

100 13.7 11.0 16.4



#49

Dibromochloromethane

Concen: 52.311 ug/L

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX043676.D

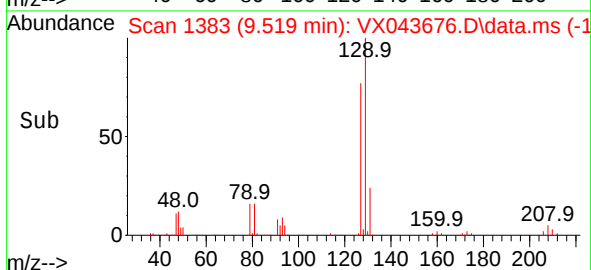
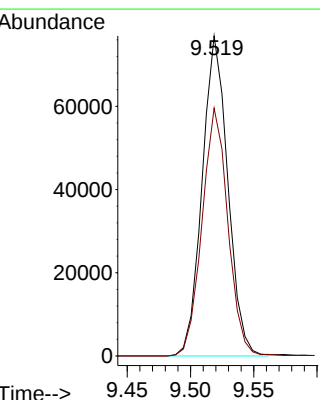
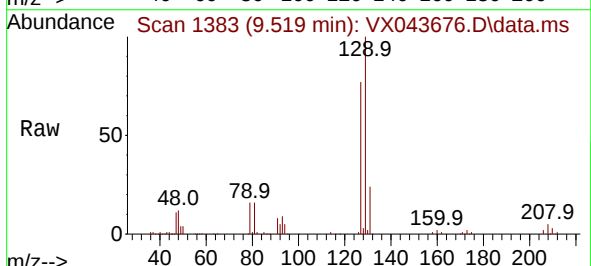
Acq: 04 Nov 2024 11:55

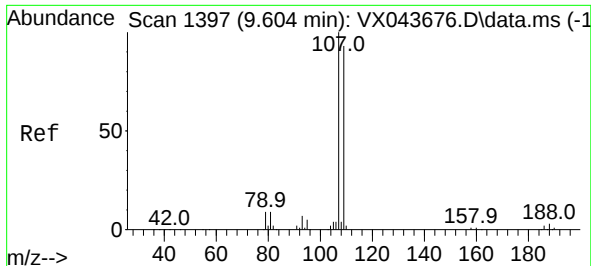
Tgt Ion:129 Resp: 108381

Ion Ratio Lower Upper

129 100

127 77.4 54.2 100.6

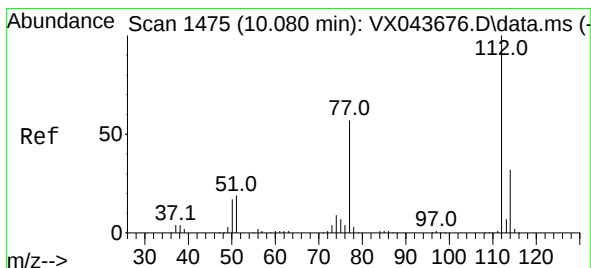
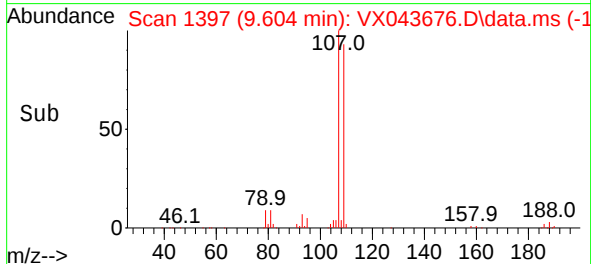
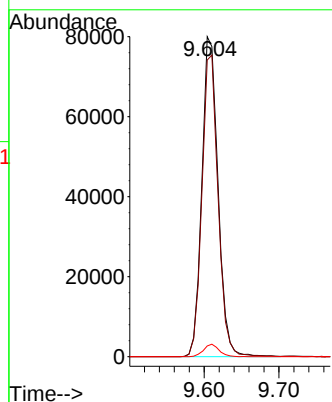
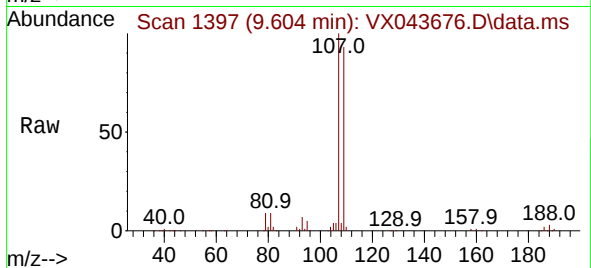




#50
1,2-Dibromoethane
Concen: 52.468 ug/L
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX043676.D
Acq: 04 Nov 2024 11:55

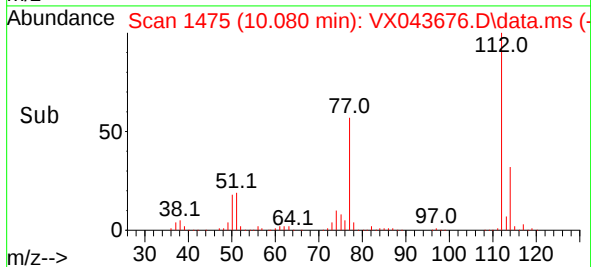
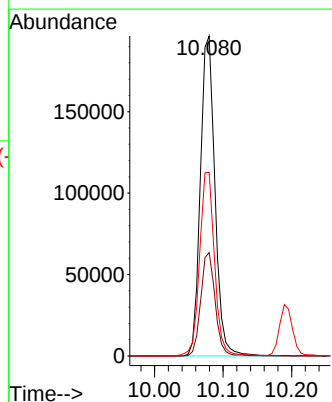
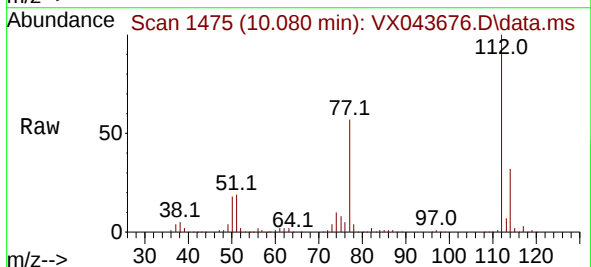
Instrument :
MSVOA_X
ClientSampleId :

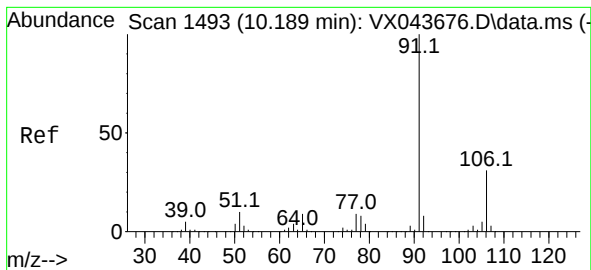
Tgt Ion:107 Resp: 120422
Ion Ratio Lower Upper
107 100
109 92.7 64.9 120.5
188 3.3 2.6 4.0



#51
Chlorobenzene
Concen: 52.068 ug/L
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX043676.D
Acq: 04 Nov 2024 11:55

Tgt Ion:112 Resp: 291267
Ion Ratio Lower Upper
112 100
114 32.3 22.6 42.0
77 57.4 45.9 68.9





#52

Ethylbenzene

Concen: 52.661 ug/L

RT: 10.189 min Scan# 1493

Delta R.T. 0.000 min

Lab File: VX043676.D

Acq: 04 Nov 2024 11:55

Instrument :

MSVOA_X

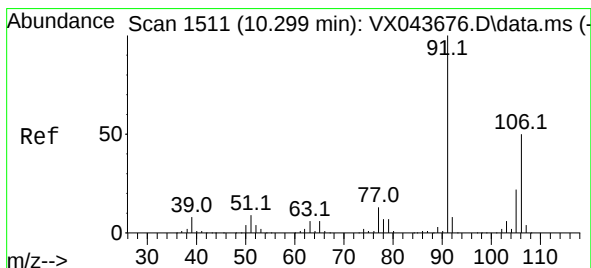
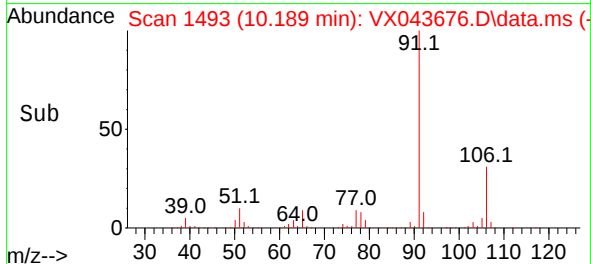
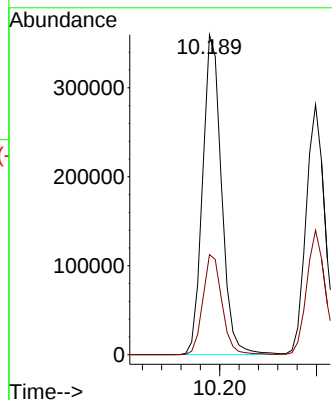
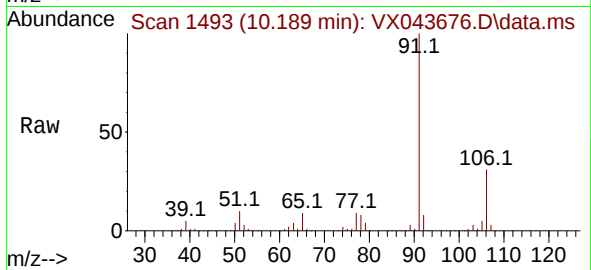
ClientSampleId :

Tgt Ion: 91 Resp: 489943

Ion Ratio Lower Upper

91 100

106 31.3 21.9 40.7



#53

m,p-Xylene

Concen: 52.626 ug/L

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX043676.D

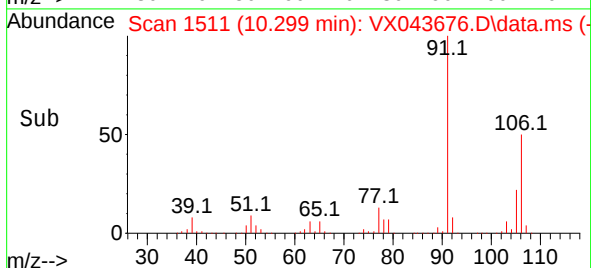
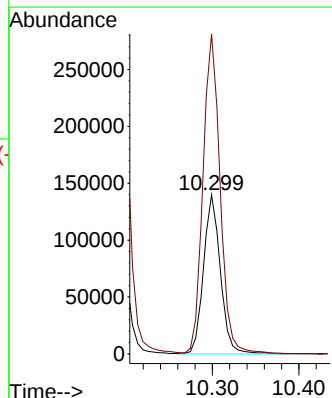
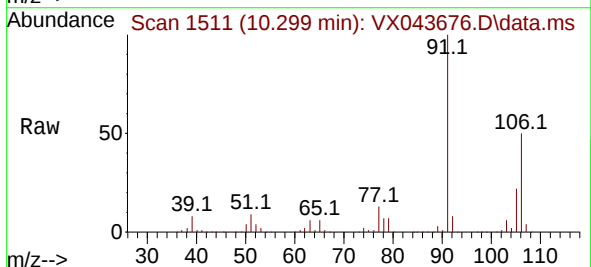
Acq: 04 Nov 2024 11:55

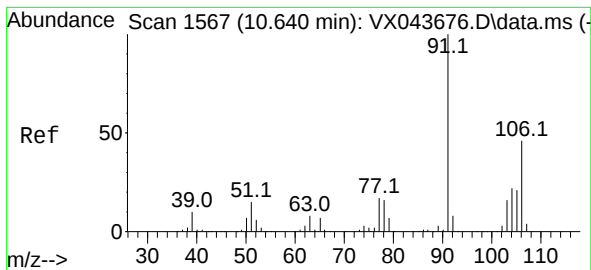
Tgt Ion:106 Resp: 189005

Ion Ratio Lower Upper

106 100

91 200.9 140.6 261.2





#54

o-Xylene

Concen: 52.812 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX043676.D

Acq: 04 Nov 2024 11:55

Instrument :

MSVOA_X

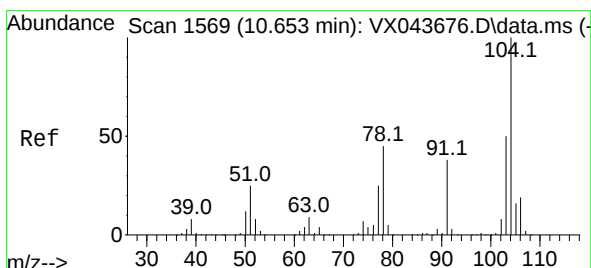
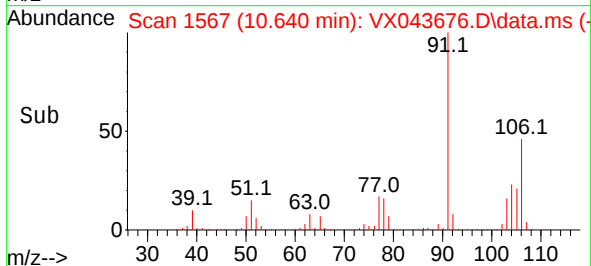
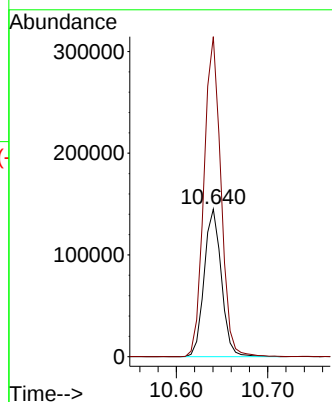
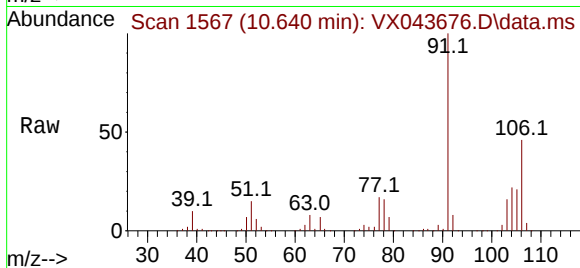
ClientSampleId :

Tgt Ion:106 Resp: 189095

Ion Ratio Lower Upper

106 100

91 217.0 151.9 282.1



#55

Styrene

Concen: 53.601 ug/L

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX043676.D

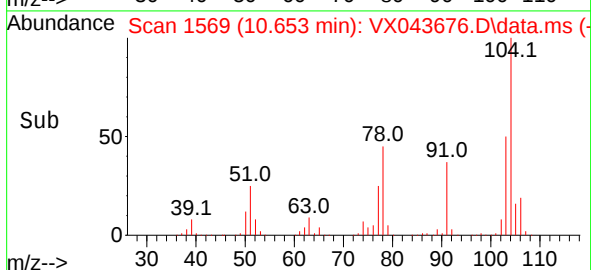
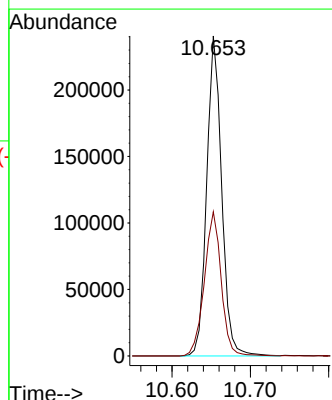
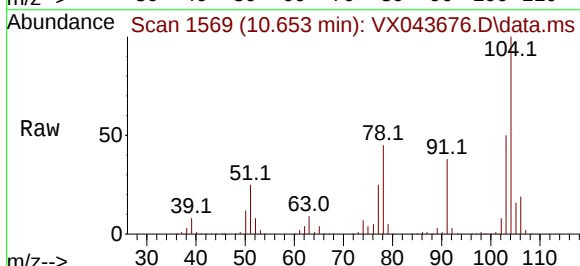
Acq: 04 Nov 2024 11:55

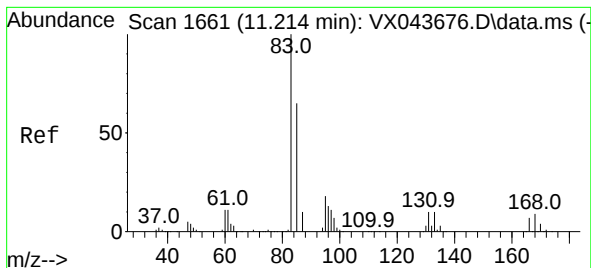
Tgt Ion:104 Resp: 319254

Ion Ratio Lower Upper

104 100

78 45.1 31.6 58.6

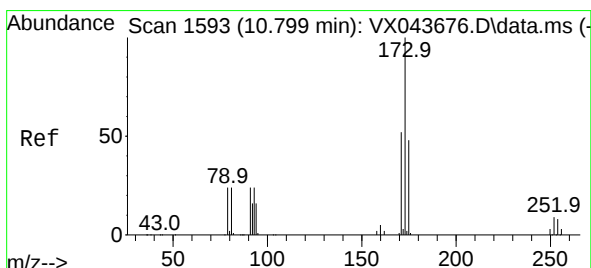
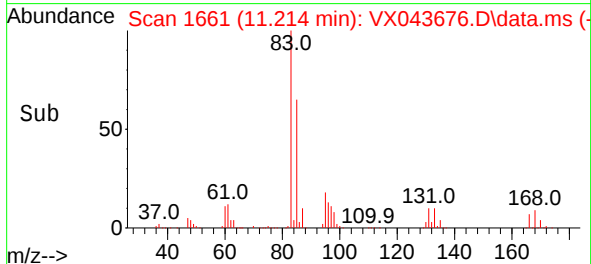
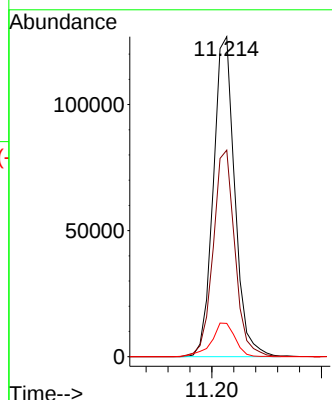
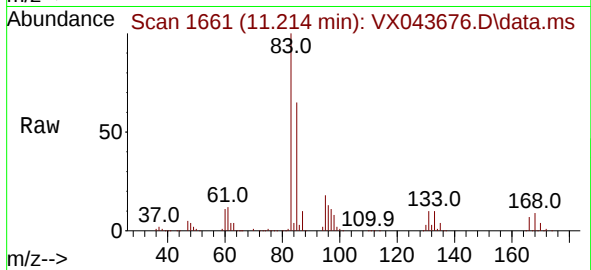




#57
1,1,2,2-Tetrachloroethane
Concen: 51.878 ug/L
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX043676.D
Acq: 04 Nov 2024 11:55

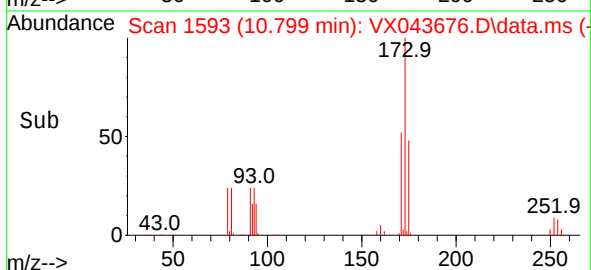
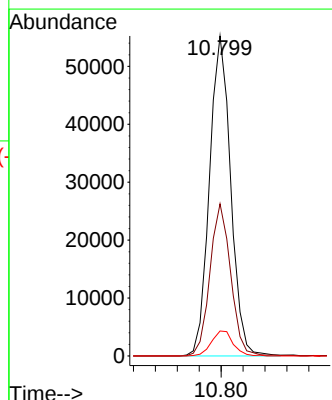
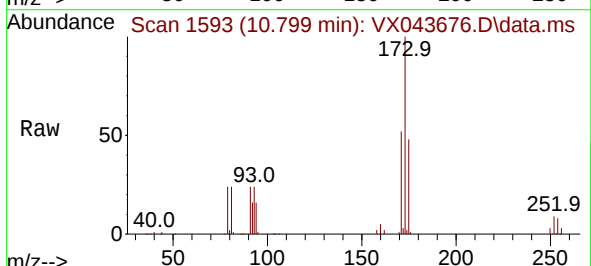
Instrument :
MSVOA_X
ClientSampleId :

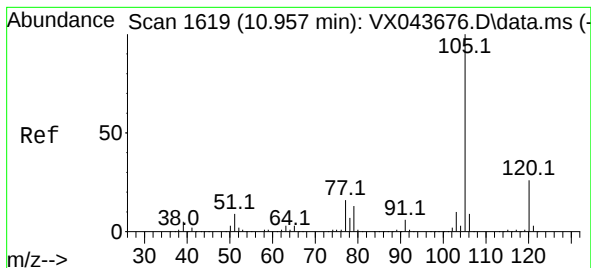
Tgt Ion: 83 Resp: 172711
Ion Ratio Lower Upper
83 100
85 64.6 45.2 84.0
131 10.4 8.3 12.5



#59
Bromoform
Concen: 52.454 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX043676.D
Acq: 04 Nov 2024 11:55

Tgt Ion:173 Resp: 74305
Ion Ratio Lower Upper
173 100
175 46.3 37.0 55.6
254 8.0 6.4 9.6





#60

Isopropylbenzene

Concen: 52.628 ug/L

RT: 10.957 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VX043676.D

Acq: 04 Nov 2024 11:55

Instrument :

MSVOA_X

ClientSampleId :

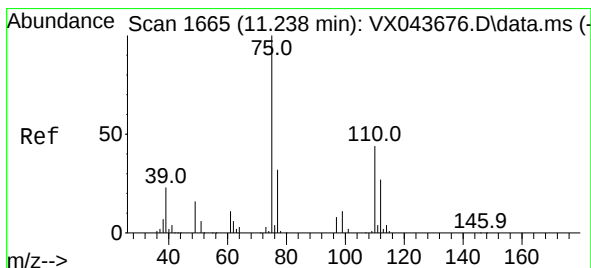
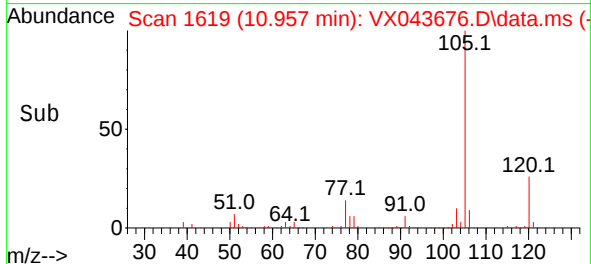
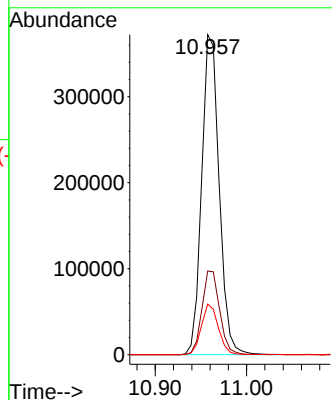
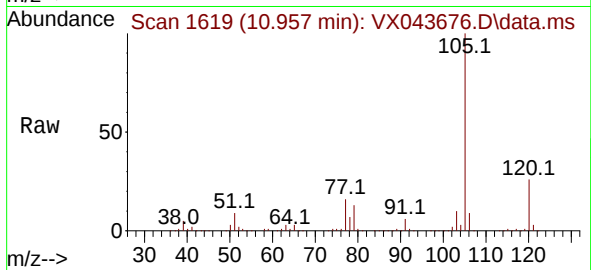
Tgt Ion:105 Resp: 494209

Ion Ratio Lower Upper

105 100

120 26.4 21.1 31.7

77 15.4 12.3 18.5



#61

1,2,3-Trichloropropane

Concen: 50.699 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX043676.D

Acq: 04 Nov 2024 11:55

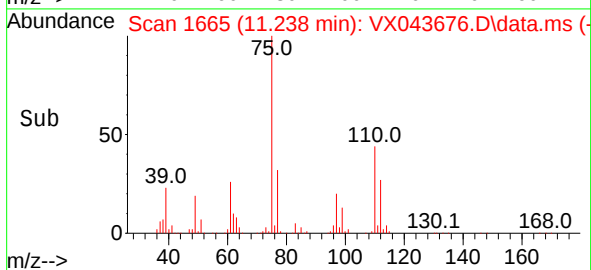
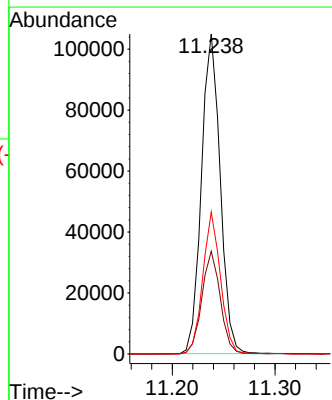
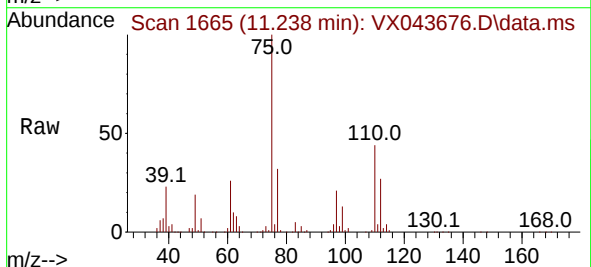
Tgt Ion: 75 Resp: 133276

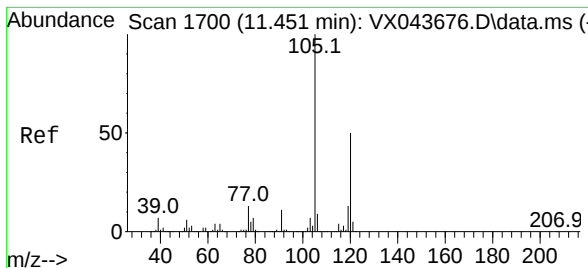
Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.0

110 42.0 33.6 50.4

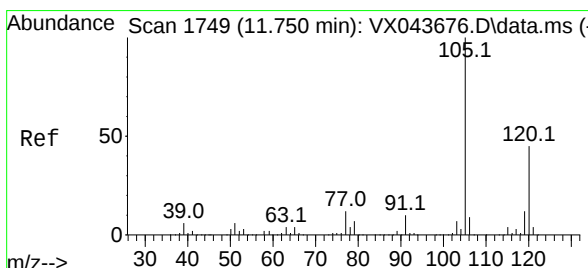
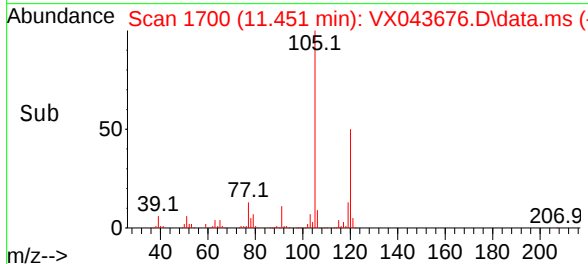
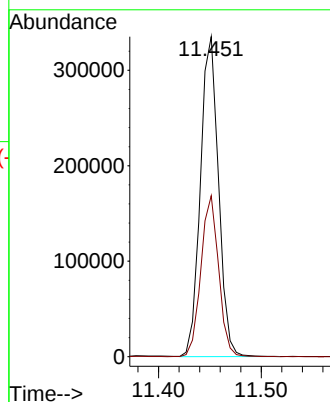
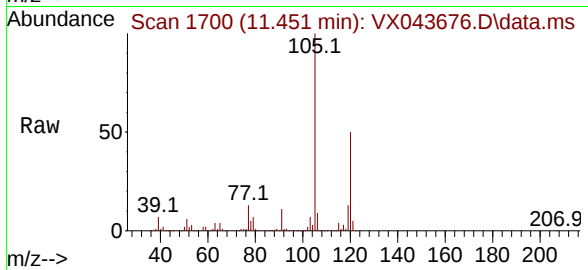




#62
1,3,5-Trimethylbenzene
Concen: 52.034 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX043676.D
Acq: 04 Nov 2024 11:55

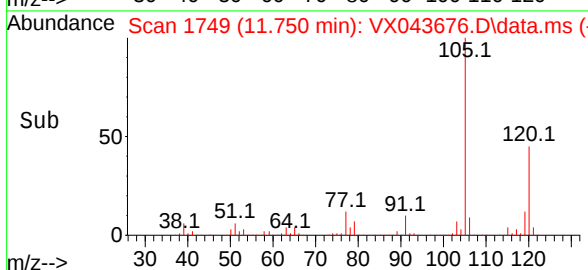
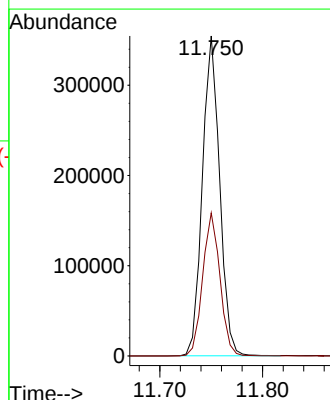
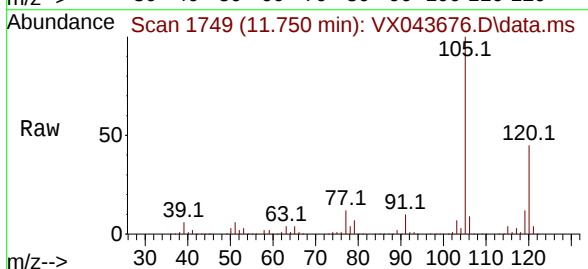
Instrument :
MSVOA_X
ClientSampleId :

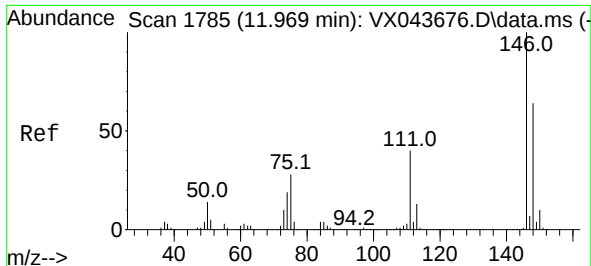
Tgt Ion:105 Resp: 410711
Ion Ratio Lower Upper
105 100
120 49.3 39.4 59.2



#63
1,2,4-Trimethylbenzene
Concen: 52.780 ug/L
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX043676.D
Acq: 04 Nov 2024 11:55

Tgt Ion:105 Resp: 414795
Ion Ratio Lower Upper
105 100
120 44.6 35.7 53.5





#64

1,3-Dichlorobenzene

Concen: 51.763 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX043676.D

Acq: 04 Nov 2024 11:55

Instrument :

MSVOA_X

ClientSampleId :

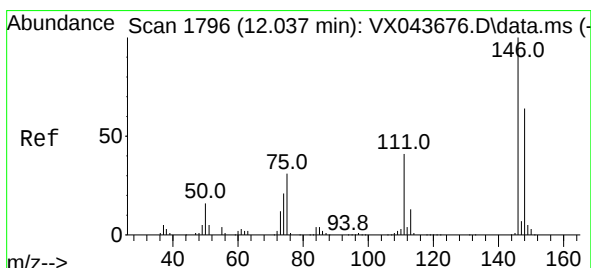
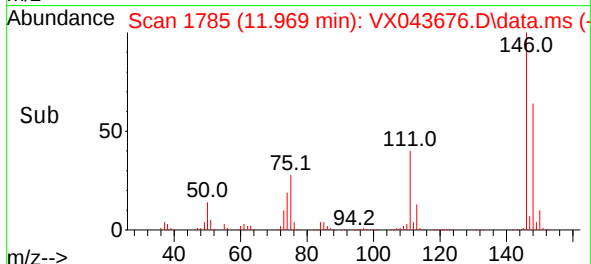
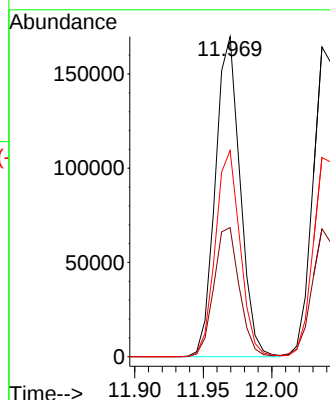
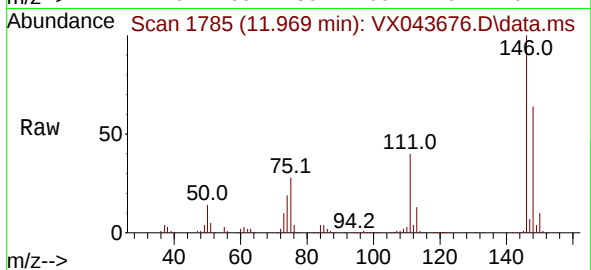
Tgt Ion:146 Resp: 213813

Ion Ratio Lower Upper

146 100

111 40.4 28.3 52.5

148 64.5 45.1 83.9



#65

1,4-Dichlorobenzene

Concen: 51.479 ug/L

RT: 12.037 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX043676.D

Acq: 04 Nov 2024 11:55

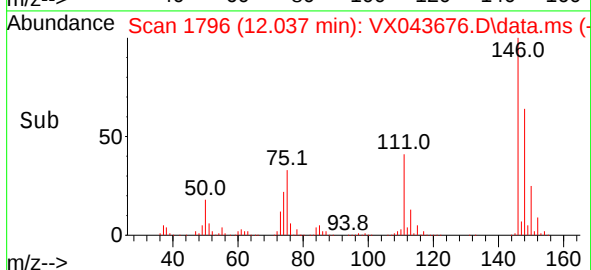
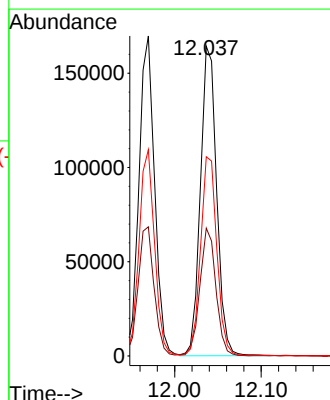
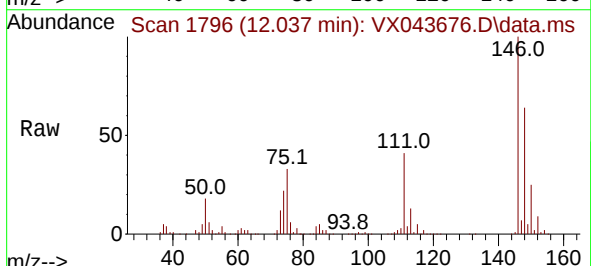
Tgt Ion:146 Resp: 214172

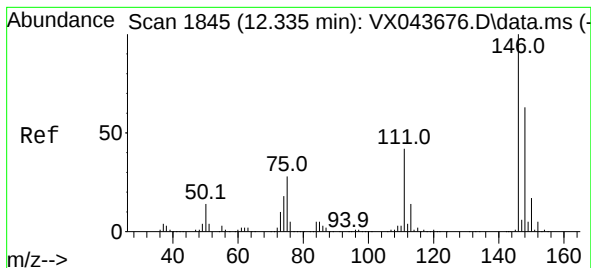
Ion Ratio Lower Upper

146 100

111 41.3 28.9 53.7

148 64.3 45.0 83.6





#67

1,2-Dichlorobenzene

Concen: 52.038 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX043676.D

Acq: 04 Nov 2024 11:55

Instrument :

MSVOA_X

ClientSampleId :

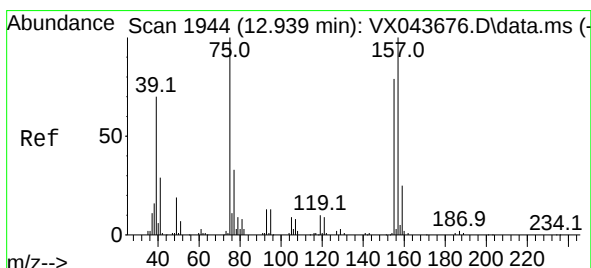
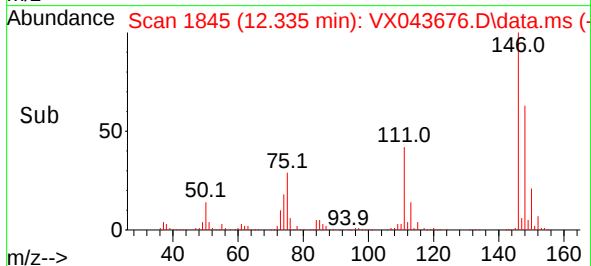
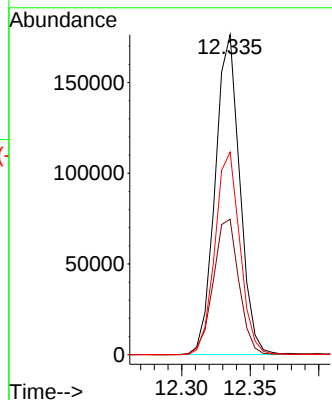
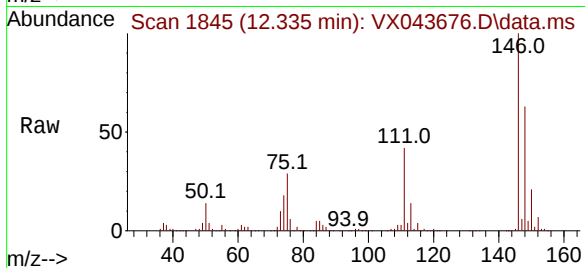
Tgt Ion:146 Resp: 219659

Ion Ratio Lower Upper

146 100

111 42.4 33.9 50.9

148 63.3 50.6 76.0



#68

1,2-Dibromo-3-chloropropane

Concen: 51.091 ug/L

RT: 12.939 min Scan# 1944

Delta R.T. 0.000 min

Lab File: VX043676.D

Acq: 04 Nov 2024 11:55

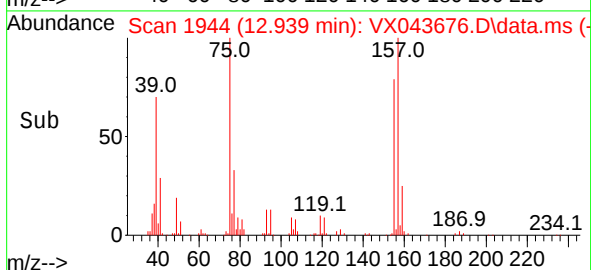
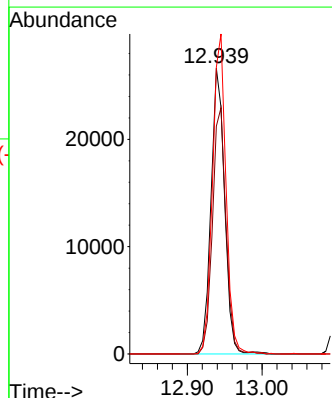
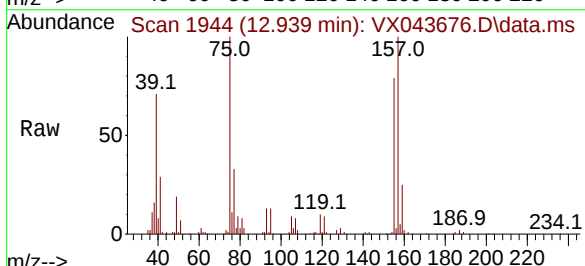
Tgt Ion: 75 Resp: 33630

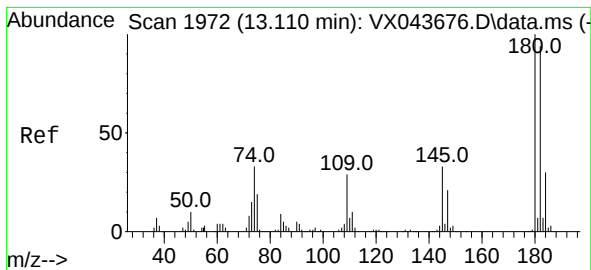
Ion Ratio Lower Upper

75 100

155 79.8 63.8 95.8

157 100.4 80.3 120.5





#69

1,3,5-Trichlorobenzene

Concen: 51.324 ug/L

RT: 13.110 min Scan# 1972

Delta R.T. 0.000 min

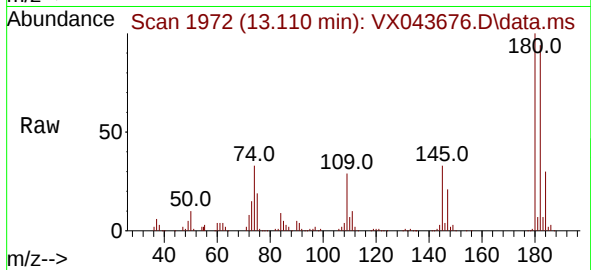
Lab File: VX043676.D

Acq: 04 Nov 2024 11:55

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 141395

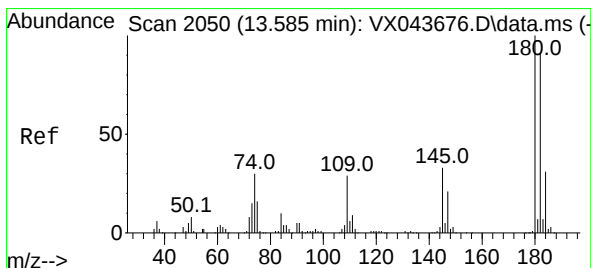
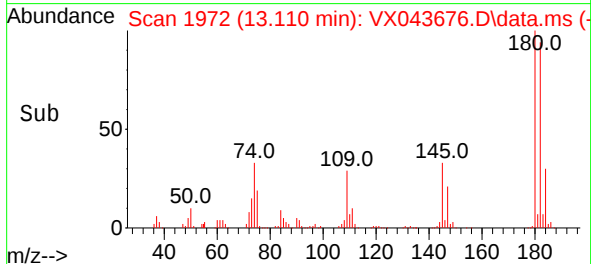
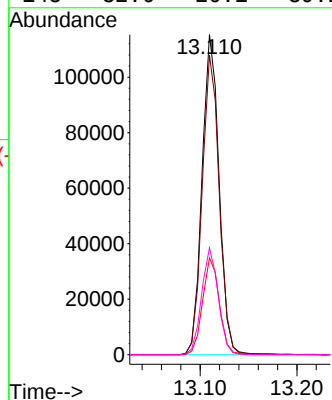
Ion Ratio Lower Upper

180 100

182 93.4 74.7 112.1

184 29.6 23.7 35.5

145 32.6 26.1 39.1



#70

1,2,4-trichlorobenzene

Concen: 51.478 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX043676.D

Acq: 04 Nov 2024 11:55

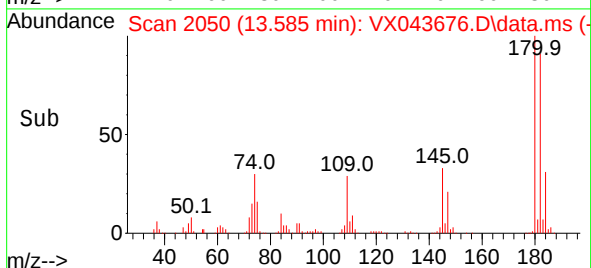
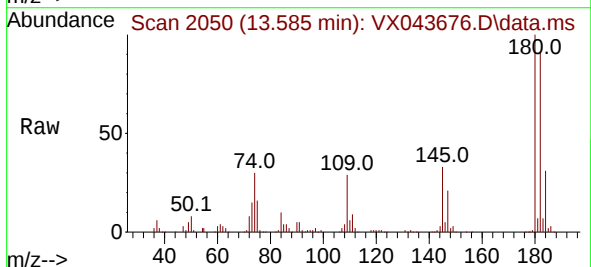
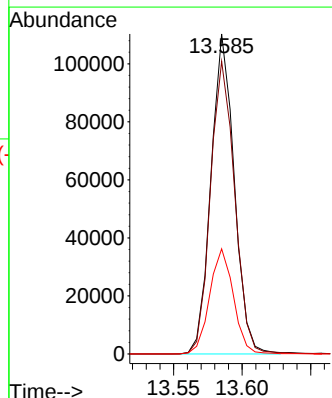
Tgt Ion:180 Resp: 130035

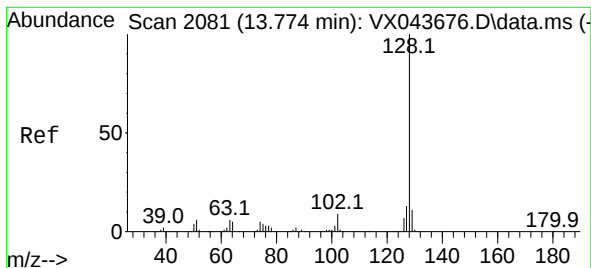
Ion Ratio Lower Upper

180 100

182 94.9 75.9 113.9

145 33.6 26.9 40.3





#71

Naphthalene

Concen: 52.723 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX043676.D

Acq: 04 Nov 2024 11:55

Instrument :

MSVOA_X

ClientSampleId :

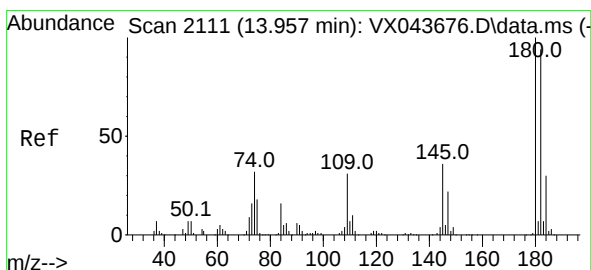
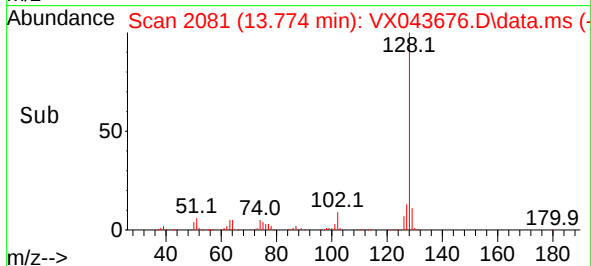
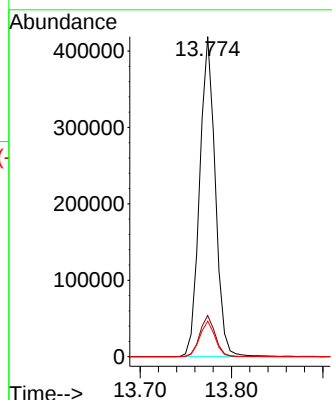
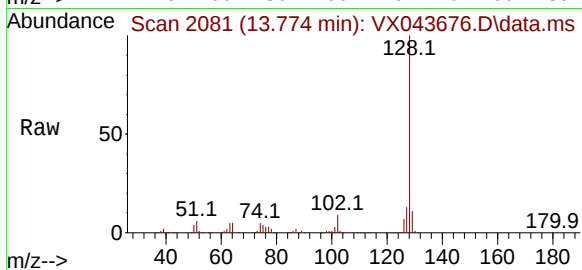
Tgt Ion:128 Resp: 494566

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

129 11.0 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 51.297 ug/L

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX043676.D

Acq: 04 Nov 2024 11:55

Tgt Ion:180 Resp: 133917

Ion Ratio Lower Upper

180 100

182 94.8 75.8 113.8

145 35.5 28.4 42.6

