

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110424\
 Data File : VX043678.D
 Acq On : 04 Nov 2024 12:41
 Operator : JC/MD
 Sample : VSTD200
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 05 03:13:08 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	286700	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	245351	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	119805	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	325482	213.102	ug/L	0.00
7) Chloroethane-d5	1.648	69	137161	208.921	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.294	65	152142	215.780	ug/L	0.00
21) 2-Butanone-d5	4.471	46	403437	405.722	ug/L	0.01
24) Chloroform-d	5.050	84	709871	215.595	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	424820	203.098	ug/L	0.00
32) Benzene-d6	5.964	84	1337164	210.799	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.306	67	406456	210.613	ug/L	0.00
41) Toluene-d8	8.647	98	1195108	207.400	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.946	79	208108	228.577	ug/L	0.00
47) 2-Hexanone-d5	9.385	63	330913	433.273	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	515131	208.038	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	423790	204.161	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	449984	222.852	ug/L	100
3) Chloromethane	1.295	50	433782	221.054	ug/L	99
5) Vinyl chloride	1.374	62	428383	222.861	ug/L	97
6) Bromomethane	1.593	94	164554	220.918	ug/L	100
8) Chloroethane	1.660	64	109138	185.319	ug/L	99
9) Trichlorofluoromethane	1.861	101	492981	202.100	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.313	101	379397	226.464	ug/L	99
12) 1,1-Dichloroethene	2.307	96	342575	223.998	ug/L	88
13) Acetone	2.392	43	394390	424.027	ug/L	99
14) Carbon disulfide	2.496	76	853335	252.401	ug/L	100
15) Methyl Acetate	2.709	43	435445	221.403	ug/L	99
16) Methylene chloride	2.782	84	407678	220.642	ug/L	98
17) trans-1,2-Dichloroethene	3.081	96	376893	229.068	ug/L	99
18) Methyl tert-butyl Ether	3.117	73	1390808	222.362	ug/L	100
19) 1,1-Dichloroethane	3.599	63	733449	226.377	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	461243	225.702	ug/L	99
22) 2-Butanone	4.562	43	592366	447.058	ug/L	99
23) Bromochloromethane	4.891	128	230838	224.712	ug/L	96
25) Chloroform	5.087	83	778701	223.975	ug/L	98
27) 1,2-Dichloroethane	6.080	62	589868	219.519	ug/L	97
29) Cyclohexane	5.458	56	630775	221.565	ug/L	100
30) 1,1,1-Trichloroethane	5.379	97	679738	228.699	ug/L	99
31) Carbon tetrachloride	5.666	117	580792	238.192	ug/L	99
33) Benzene	6.031	78	1549257	221.531	ug/L	100
34) Trichloroethene	7.117	95	422603	224.774	ug/L	98
35) Methylcyclohexane	7.373	83	633494	225.524	ug/L	99
37) 1,2-Dichloropropane	7.428	63	412519	221.443	ug/L	100
38) Bromodichloromethane	7.818	83	567914	239.687	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	717043	239.578	ug/L	98
40) 4-Methyl-2-pentanone	8.580	43	1146549	452.192	ug/L	99
42) Toluene	8.714	91	1603395	217.981	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	660696	240.182	ug/L	98

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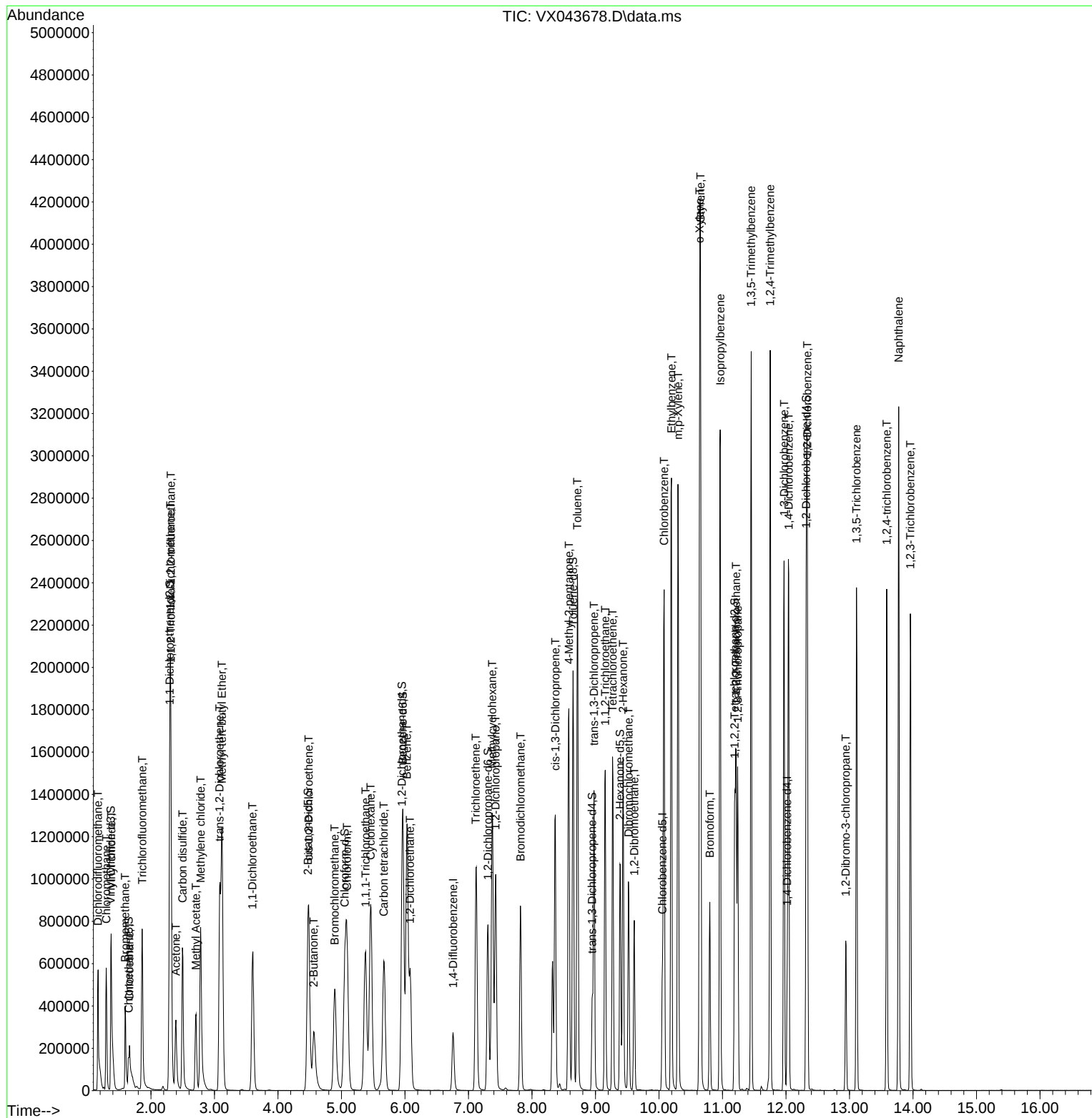
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	415253	217.381	ug/L	98
46) Tetrachloroethene	9.269	164	298100	220.274	ug/L	99
48) 2-Hexanone	9.433	43	852992	450.058	ug/L	99
49) Dibromochloromethane	9.519	129	440349	247.317	ug/L	100
50) 1,2-Dibromoethane	9.610	107	440527	223.349	ug/L	97
51) Chlorobenzene	10.080	112	1063184	221.162	ug/L	100
52) Ethylbenzene	10.195	91	1771747	221.596	ug/L	98
53) m,p-Xylene	10.299	106	685411	222.074	ug/L	97
54) o-Xylene	10.640	106	678607	220.542	ug/L	98
55) Styrene	10.653	104	1163597	227.329	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.213	83	629050	219.871	ug/L	99
59) Bromoform	10.799	173	310135	247.486	ug/L	97
60) Isopropylbenzene	10.964	105	1750983	210.780	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	477530	205.345	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	1486389	212.873	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	1492027	214.609	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	797293	218.195	ug/L	100
65) 1,4-Dichlorobenzene	12.043	146	803342	218.277	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	799796	214.186	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.939	75	142528	244.768	ug/L	98
69) 1,3,5-Trichlorobenzene	13.109	180	561150	230.252	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	534411	239.153	ug/L	99
71) Naphthalene	13.774	128	1931997	232.821	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	531929	230.328	ug/L	100

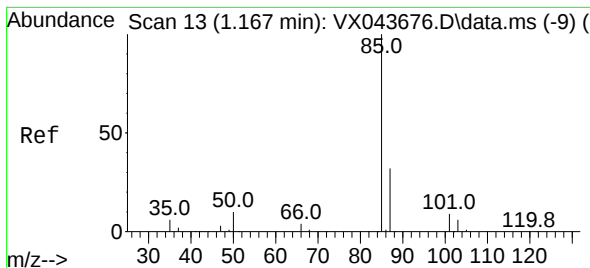
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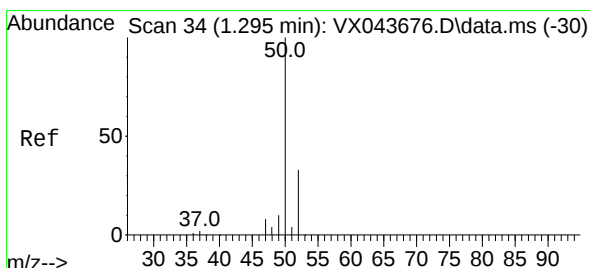
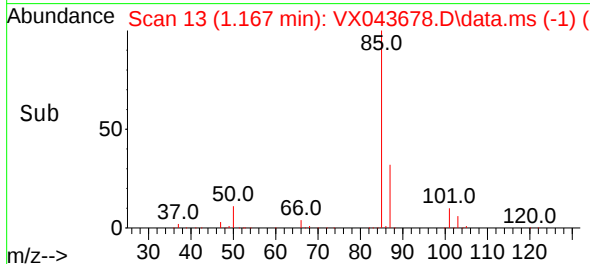
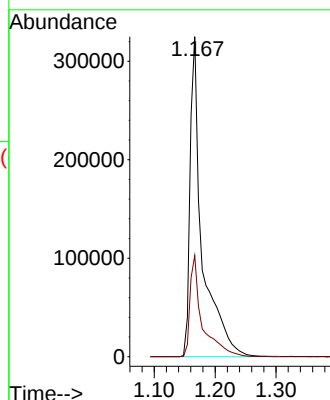
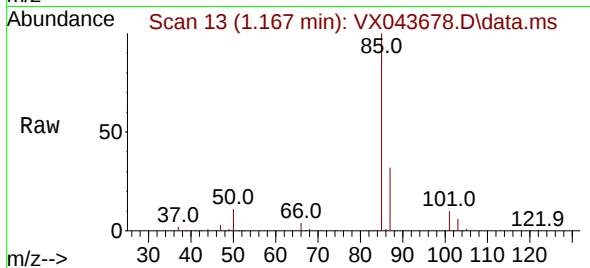




#2
Dichlorodifluoromethane
Concen: 222.852 ug/L
RT: 1.167 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX043678.D
Acq: 04 Nov 2024 12:41

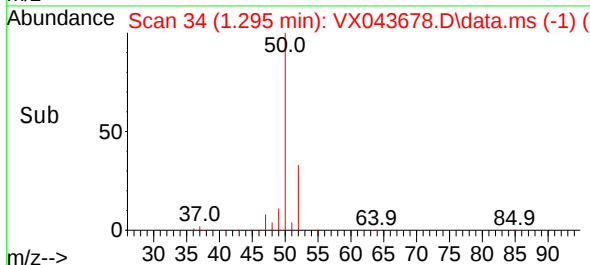
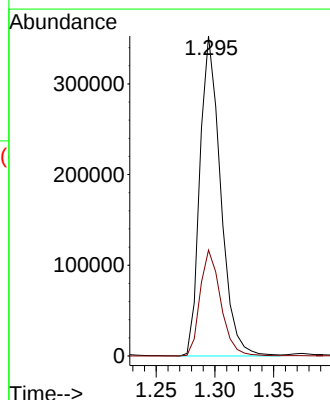
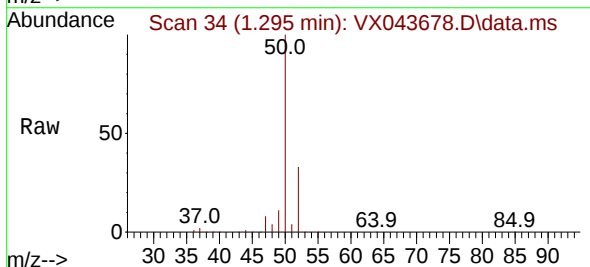
Instrument :
MSVOA_X
ClientSampleId :

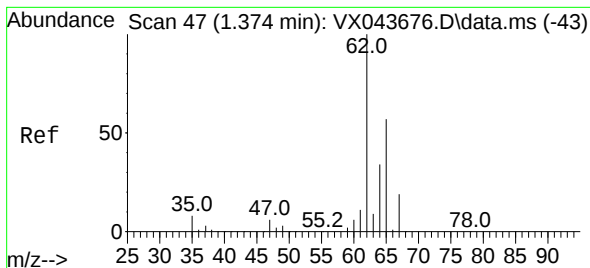
Tgt Ion: 85 Resp: 449984
Ion Ratio Lower Upper
85 100
87 31.8 25.6 38.4



#3
Chloromethane
Concen: 221.054 ug/L
RT: 1.295 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX043678.D
Acq: 04 Nov 2024 12:41

Tgt Ion: 50 Resp: 433782
Ion Ratio Lower Upper
50 100
52 33.1 23.4 43.4





#5

Vinyl chloride

Concen: 222.861 ug/L

RT: 1.374 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX043678.D

Acq: 04 Nov 2024 12:41

Instrument :

MSVOA_X

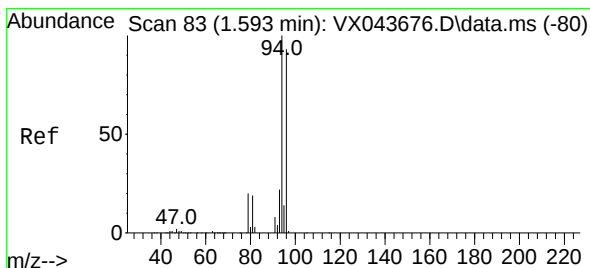
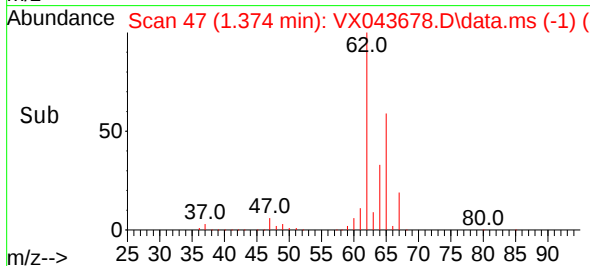
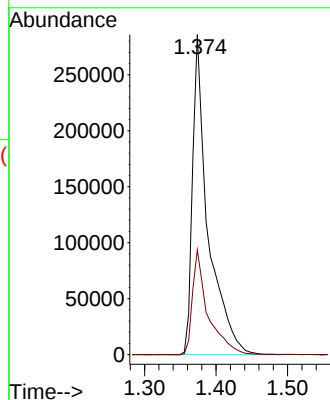
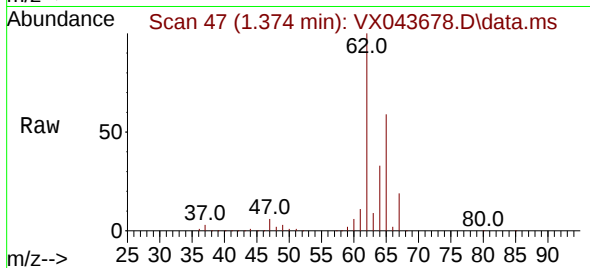
ClientSampleId :

Tgt Ion: 62 Resp: 428383

Ion Ratio Lower Upper

62 100

64 32.8 24.0 44.6



#6

Bromomethane

Concen: 220.918 ug/L

RT: 1.593 min Scan# 83

Delta R.T. -0.000 min

Lab File: VX043678.D

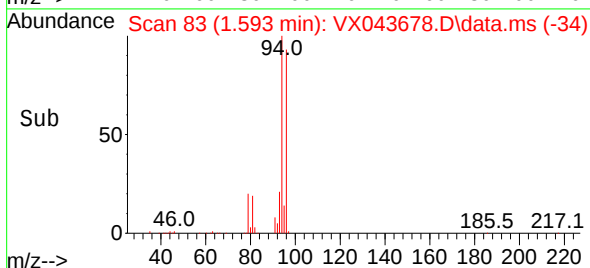
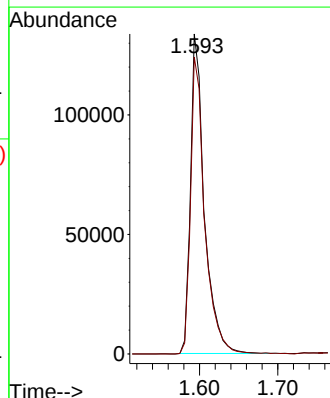
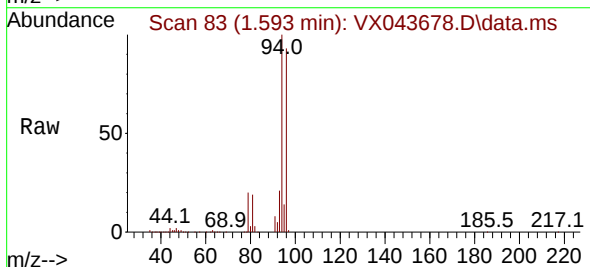
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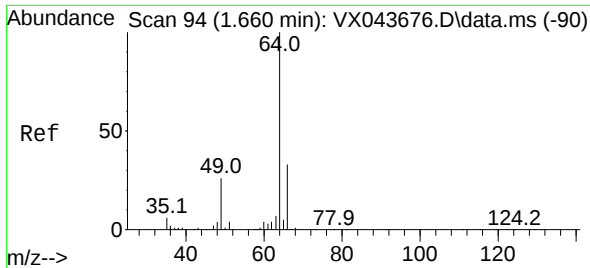
Tgt Ion: 94 Resp: 164554

Ion Ratio Lower Upper

94 100

96 92.8 65.0 120.8

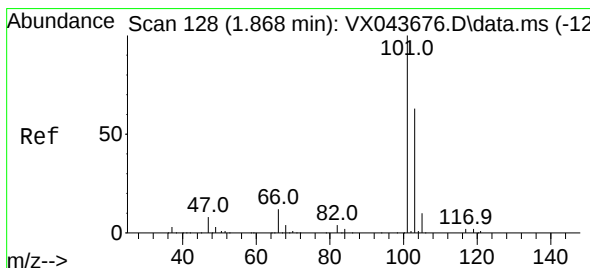
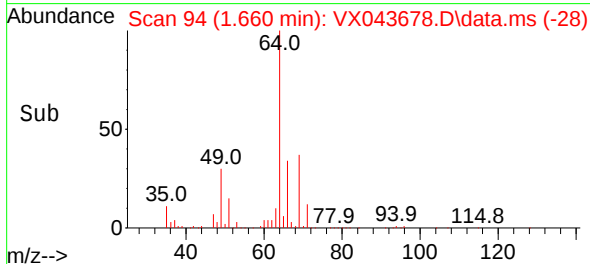
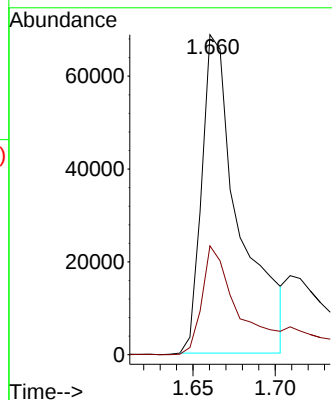
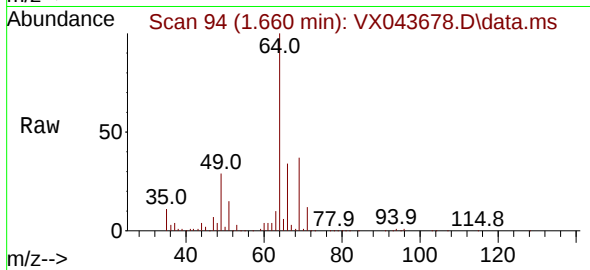




#8
Chloroethane
Concen: 185.319 ug/L
RT: 1.660 min Scan# 94
Delta R.T. -0.000 min
Lab File: VX043678.D
Acq: 04 Nov 2024 12:41

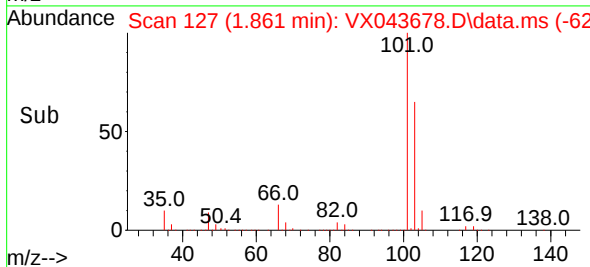
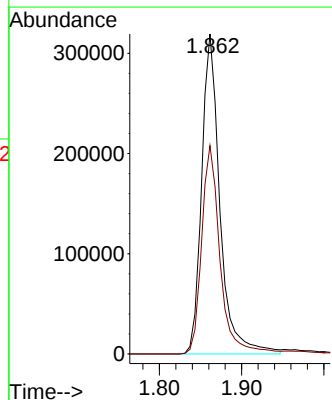
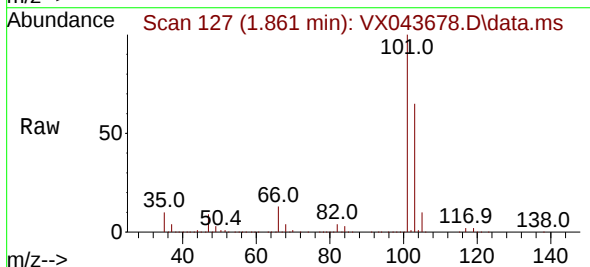
Instrument :
MSVOA_X
ClientSampleId :

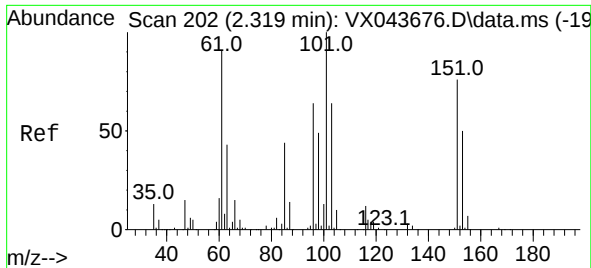
Tgt Ion: 64 Resp: 109138
Ion Ratio Lower Upper
64 100
66 34.0 23.2 43.2



#9
Trichlorofluoromethane
Concen: 202.100 ug/L
RT: 1.861 min Scan# 127
Delta R.T. -0.006 min
Lab File: VX043678.D
Acq: 04 Nov 2024 12:41

Tgt Ion:101 Resp: 492981
Ion Ratio Lower Upper
101 100
103 65.5 51.6 77.4

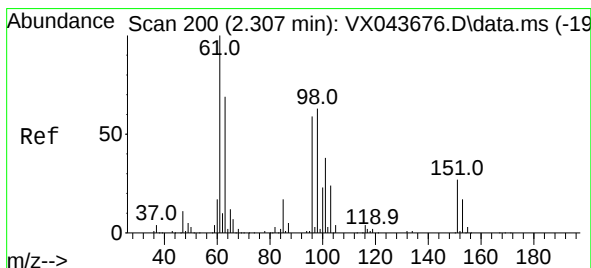
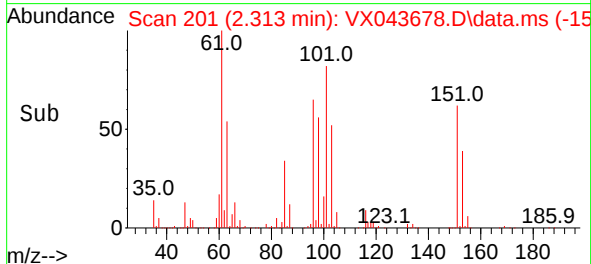
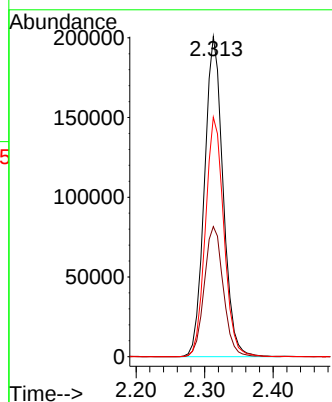
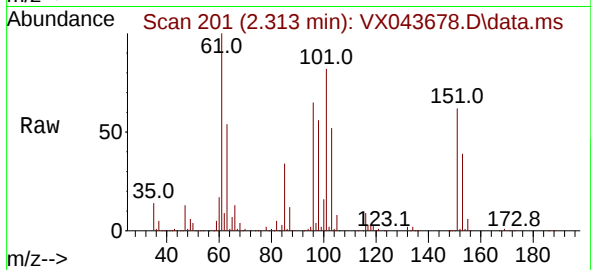




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 226.464 ug/L
RT: 2.313 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX043678.D
Acq: 04 Nov 2024 12:41

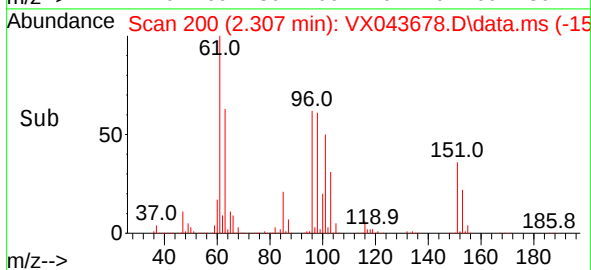
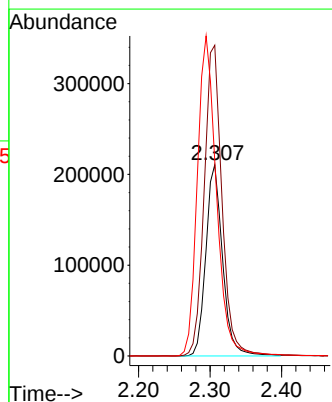
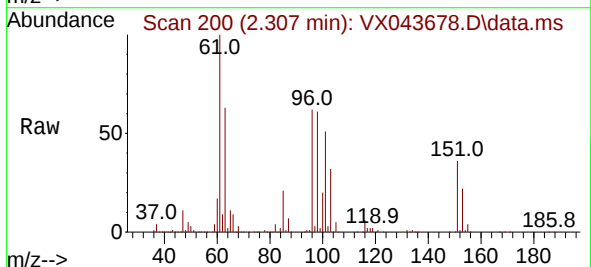
Instrument :
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ClientSampleId :

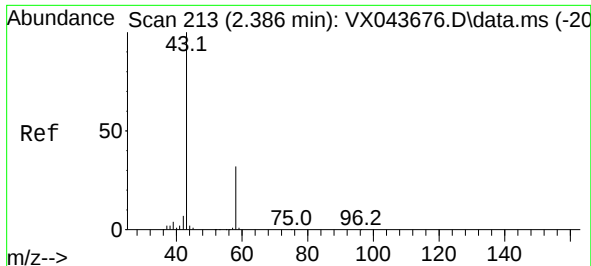
Tgt Ion:101 Resp: 379397
Ion Ratio Lower Upper
101 100
85 41.5 34.0 51.0
151 74.1 60.2 90.4



#12
1,1-Dichloroethene
Concen: 223.998 ug/L
RT: 2.307 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX043678.D
Acq: 04 Nov 2024 12:41

Tgt Ion: 96 Resp: 342575
Ion Ratio Lower Upper
96 100
61 162.5 119.7 222.3
63 101.9 86.5 160.6

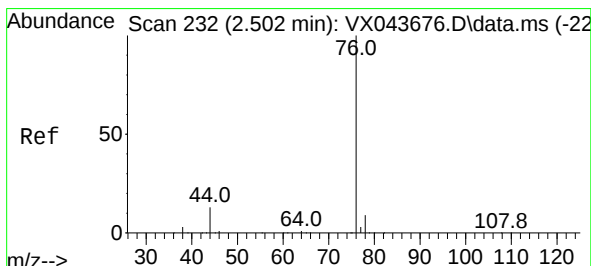
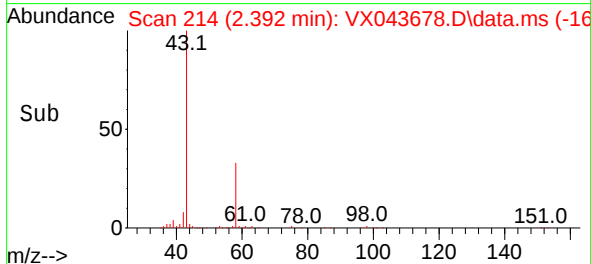
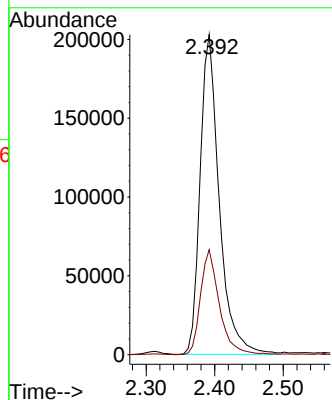
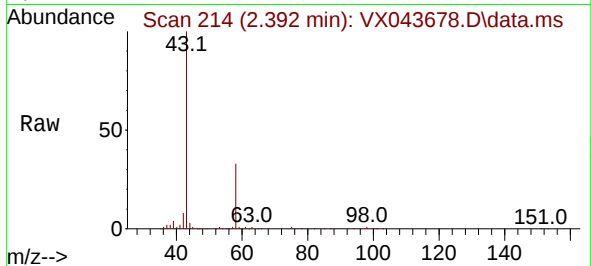




#13
Acetone
Concen: 424.027 ug/L
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX043678.D
Acq: 04 Nov 2024 12:41

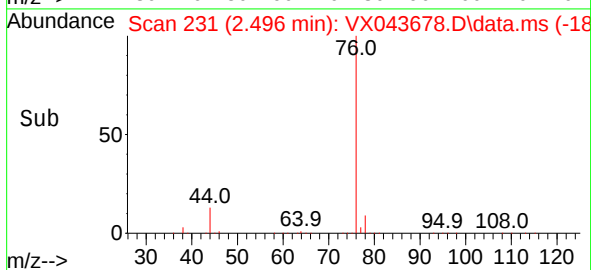
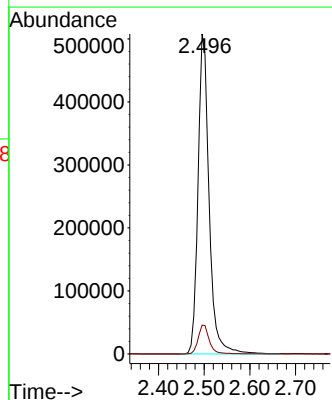
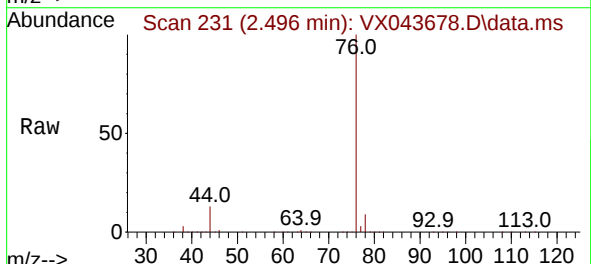
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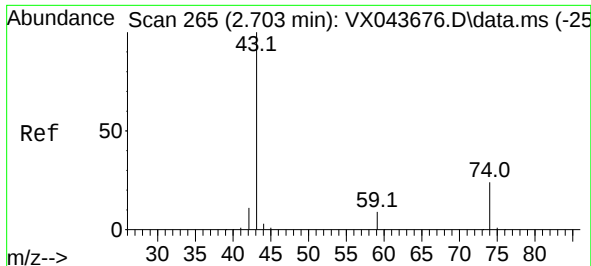
Tgt Ion: 43 Resp: 394390
Ion Ratio Lower Upper
43 100
58 32.1 0.0 63.6



#14
Carbon disulfide
Concen: 252.401 ug/L
RT: 2.496 min Scan# 231
Delta R.T. -0.006 min
Lab File: VX043678.D
Acq: 04 Nov 2024 12:41

Tgt Ion: 76 Resp: 853335
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9





#15

Methyl Acetate

Concen: 221.403 ug/L

RT: 2.709 min Scan# 2

Delta R.T. 0.006 min

Lab File: VX043678.D

Acq: 04 Nov 2024 12:41

Instrument :

MSVOA_X

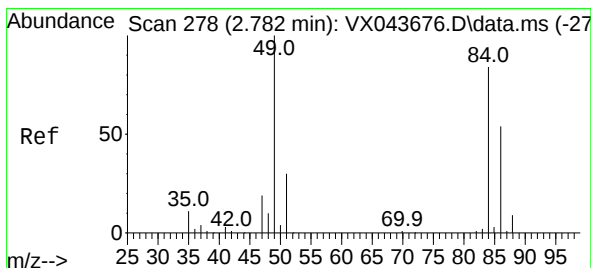
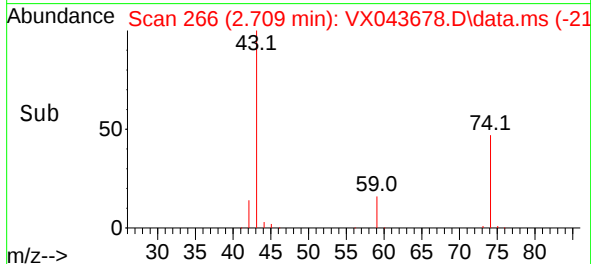
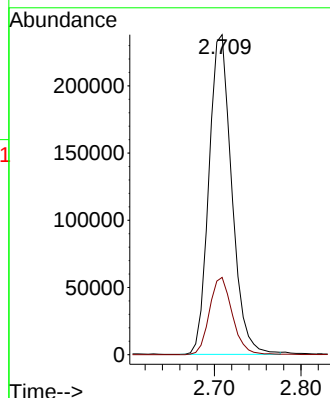
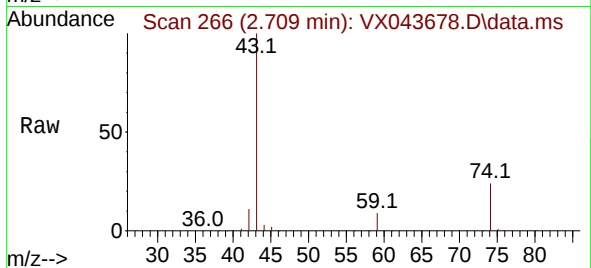
ClientSampleId :

Tgt Ion: 43 Resp: 435445

Ion Ratio Lower Upper

43 100

74 24.2 18.9 28.3



#16

Methylene chloride

Concen: 220.642 ug/L

RT: 2.782 min Scan# 278

Delta R.T. -0.000 min

Lab File: VX043678.D

Acq: 04 Nov 2024 12:41

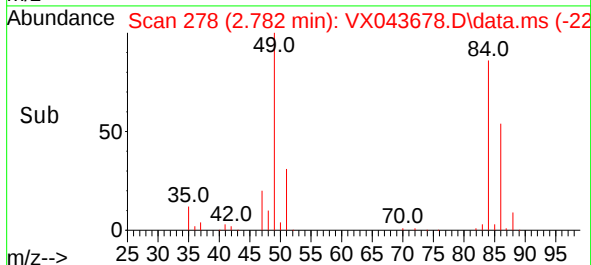
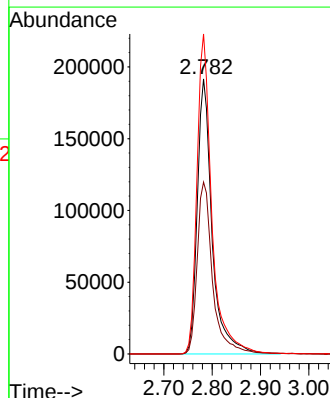
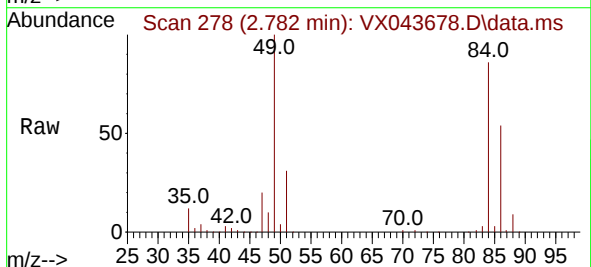
Tgt Ion: 84 Resp: 407678

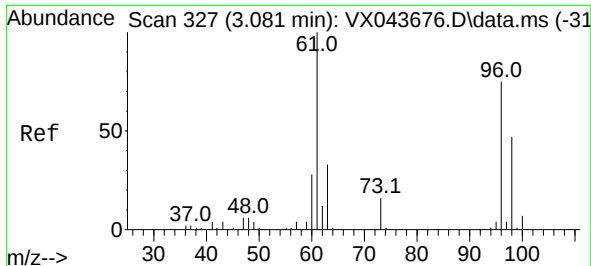
Ion Ratio Lower Upper

84 100

86 62.5 44.7 83.1

49 116.4 83.2 154.4

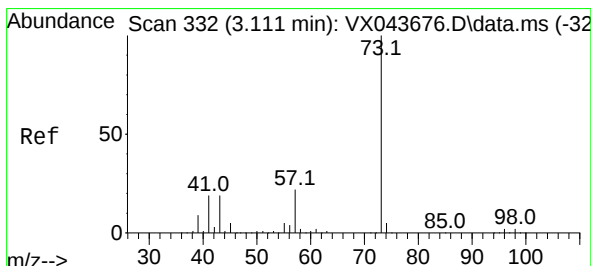
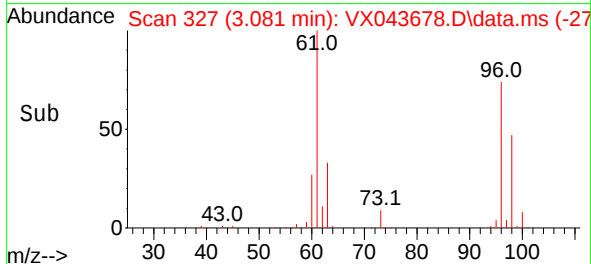
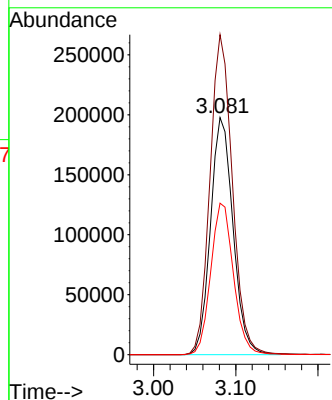
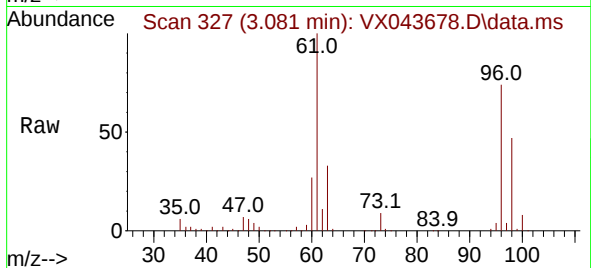




#17
trans-1,2-Dichloroethene
Concen: 229.068 ug/L
RT: 3.081 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX043678.D
Acq: 04 Nov 2024 12:41

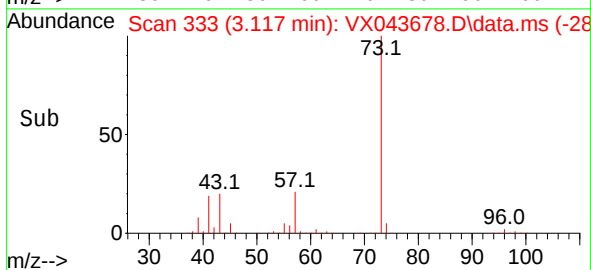
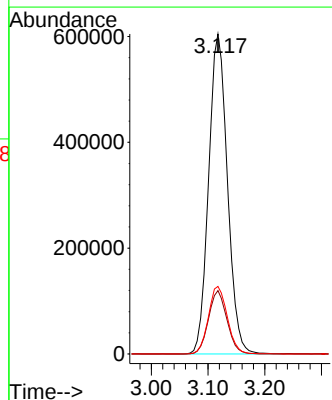
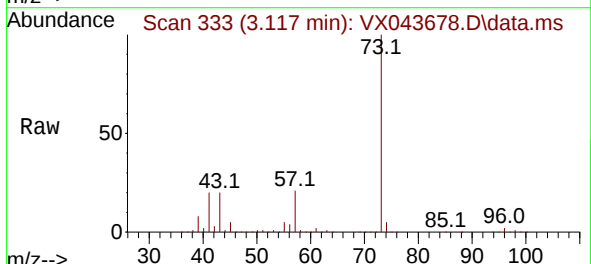
Instrument :
MSVOA_X
ClientSampleId :

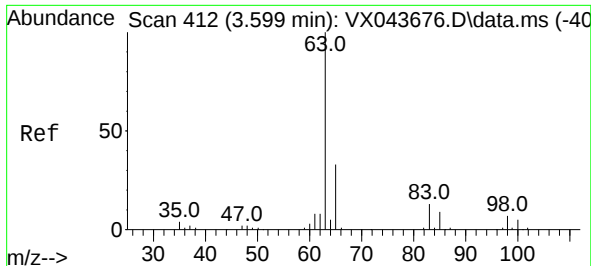
Tgt Ion: 96 Resp: 376893
Ion Ratio Lower Upper
96 100
61 135.0 93.4 173.6
98 63.9 44.1 81.9



#18
Methyl tert-butyl Ether
Concen: 222.362 ug/L
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX043678.D
Acq: 04 Nov 2024 12:41

Tgt Ion: 73 Resp: 1390808
Ion Ratio Lower Upper
73 100
43 19.4 15.5 23.3
57 21.3 17.2 25.8





#19

1,1-Dichloroethane

Concen: 226.377 ug/L

RT: 3.599 min Scan# 412

Delta R.T. -0.000 min

Lab File: VX043678.D

Acq: 04 Nov 2024 12:41

Instrument :

MSVOA_X

ClientSampleId :

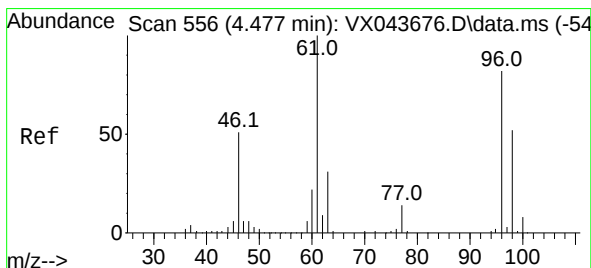
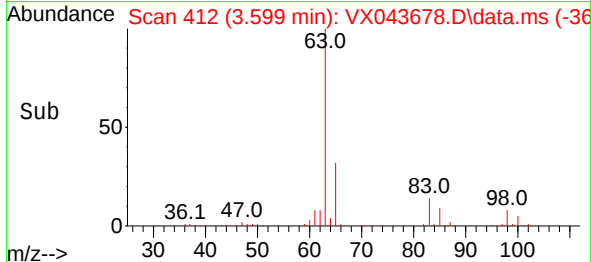
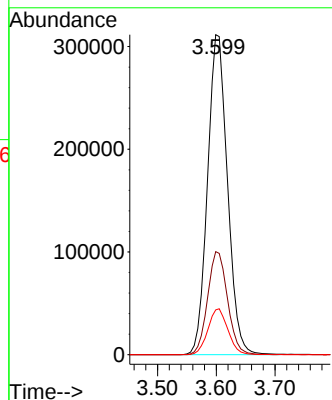
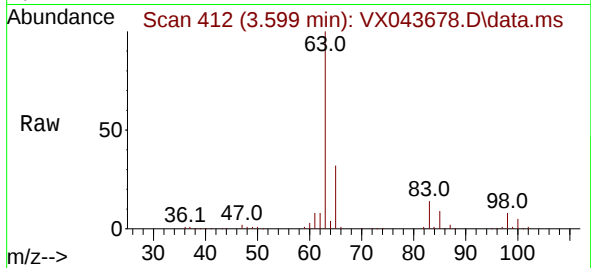
Tgt Ion: 63 Resp: 733449

Ion Ratio Lower Upper

63 100

65 32.2 23.2 43.2

83 14.0 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 225.702 ug/L

RT: 4.483 min Scan# 557

Delta R.T. 0.006 min

Lab File: VX043678.D

Acq: 04 Nov 2024 12:41

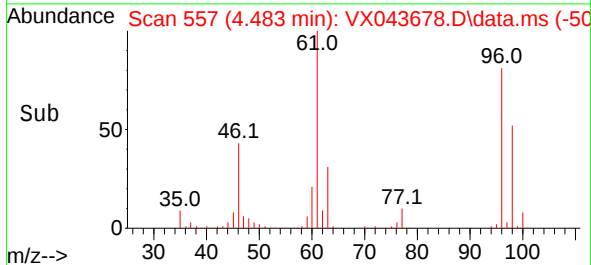
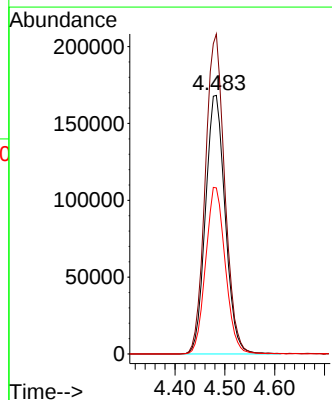
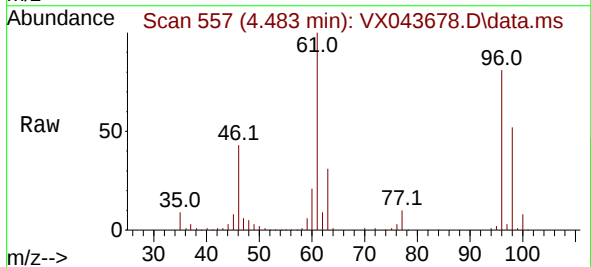
Tgt Ion: 96 Resp: 461243

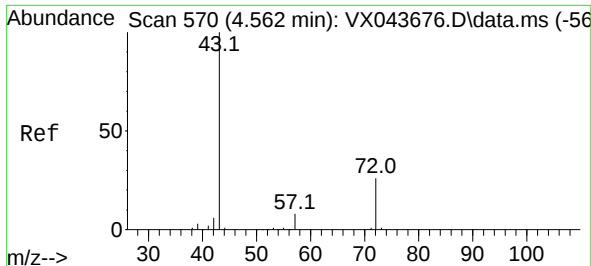
Ion Ratio Lower Upper

96 100

61 123.7 85.2 158.2

98 64.2 44.6 82.8

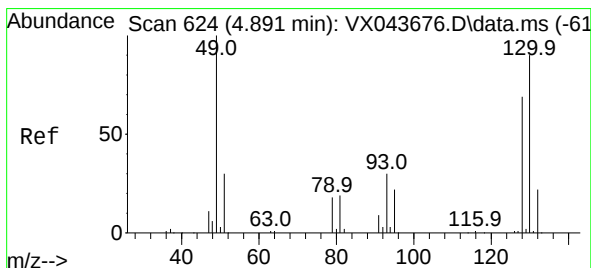
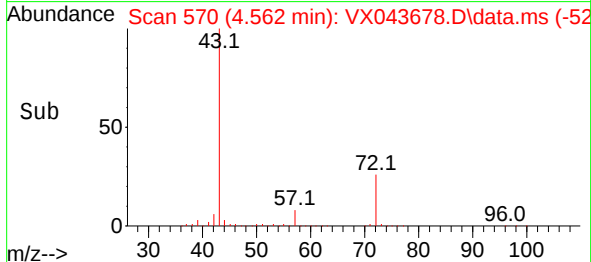
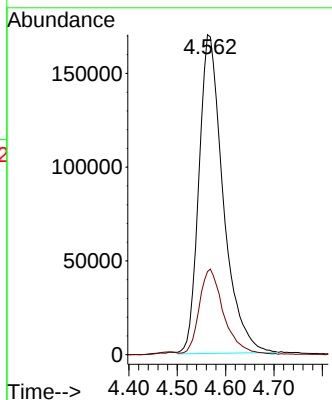
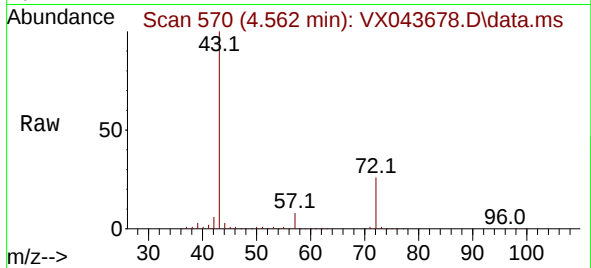




#22
2-Butanone
Concen: 447.058 ug/L
RT: 4.562 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX043678.D
Acq: 04 Nov 2024 12:41

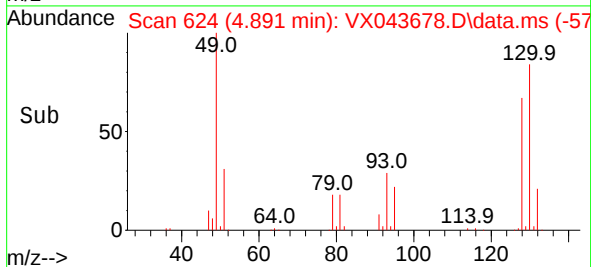
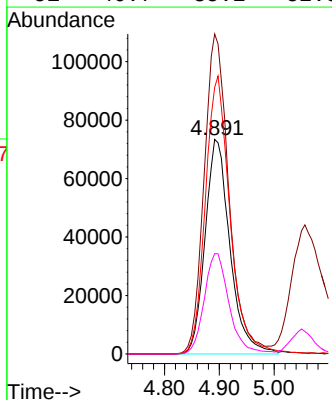
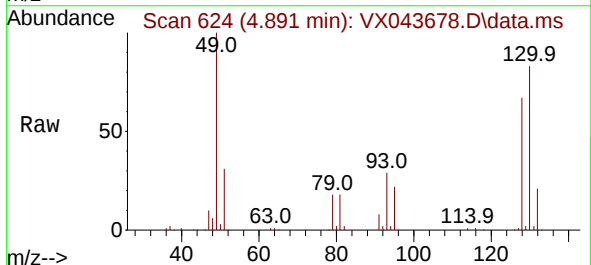
Instrument :
MSVOA_X
ClientSampleId :

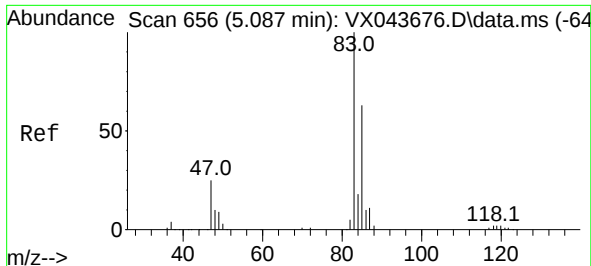
Tgt Ion: 43 Resp: 592366
Ion Ratio Lower Upper
43 100
72 26.7 13.6 40.8



#23
Bromochloromethane
Concen: 224.712 ug/L
RT: 4.891 min Scan# 624
Delta R.T. -0.000 min
Lab File: VX043678.D
Acq: 04 Nov 2024 12:41

Tgt Ion: 128 Resp: 230838
Ion Ratio Lower Upper
128 100
49 149.2 101.4 188.4
130 124.2 91.5 169.9
51 46.7 35.2 52.8





#25

Chloroform

Concen: 223.975 ug/L

RT: 5.087 min Scan# 656

Delta R.T. -0.000 min

Lab File: VX043678.D

Acq: 04 Nov 2024 12:41

Instrument :

MSVOA_X

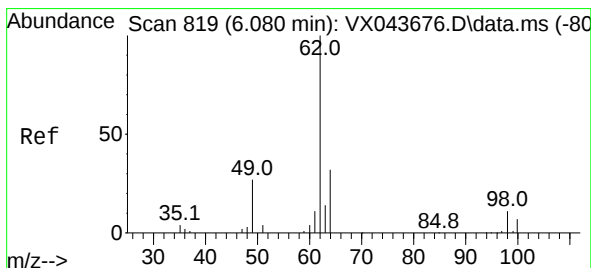
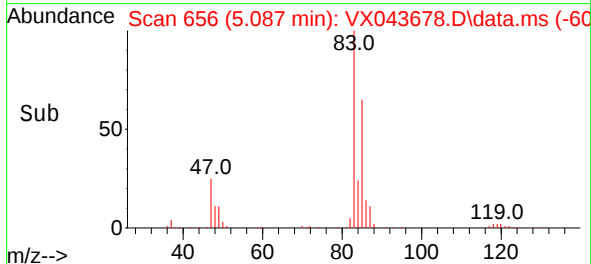
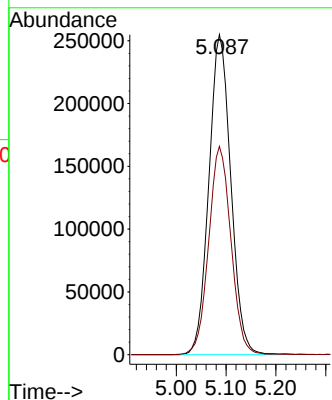
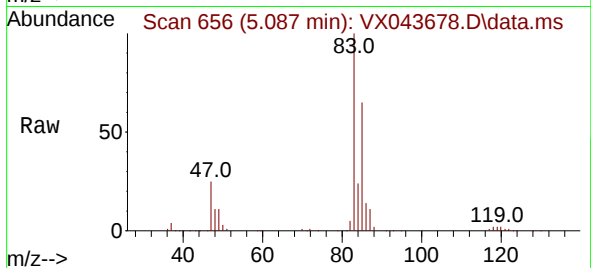
ClientSampleId :

Tgt Ion: 83 Resp: 778701

Ion Ratio Lower Upper

83 100

85 65.1 44.4 82.4



#27

1,2-Dichloroethane

Concen: 219.519 ug/L

RT: 6.080 min Scan# 819

Delta R.T. -0.000 min

Lab File: VX043678.D

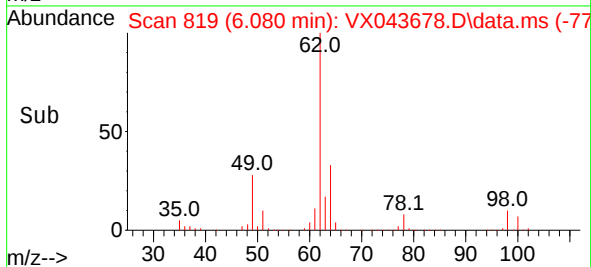
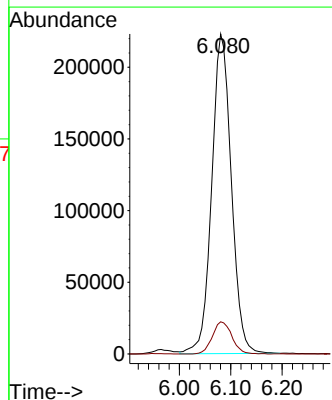
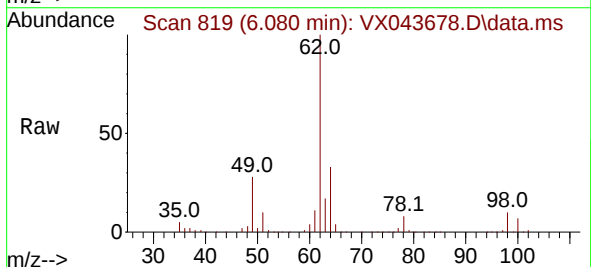
Acq: 04 Nov 2024 12:41

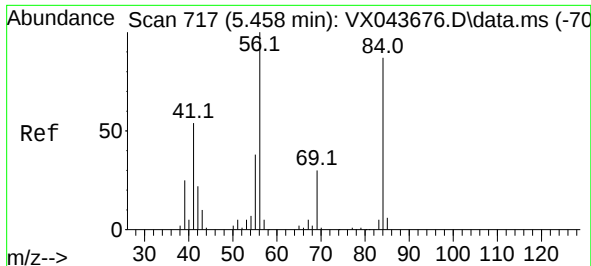
Tgt Ion: 62 Resp: 589868

Ion Ratio Lower Upper

62 100

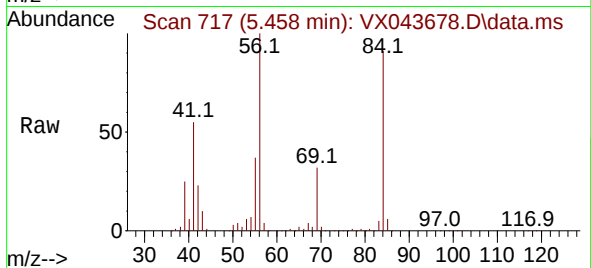
98 10.1 9.0 13.6



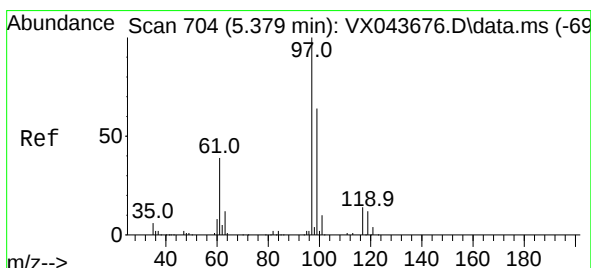
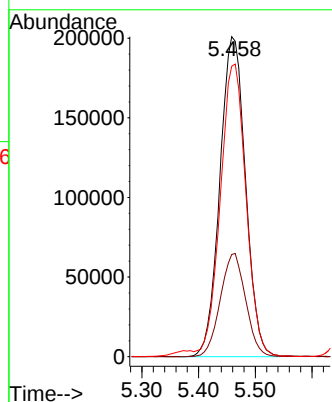
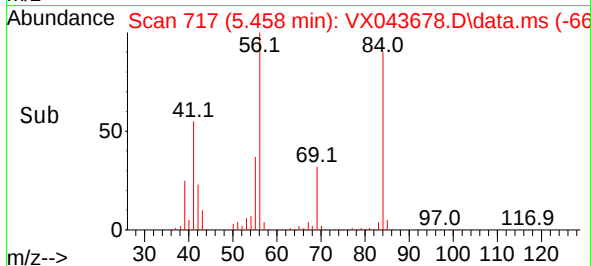


#29
Cyclohexane
Concen: 221.565 ug/L
RT: 5.458 min Scan# 717
Delta R.T. -0.000 min
Lab File: VX043678.D
Acq: 04 Nov 2024 12:41

Instrument :
MSVOA_X
ClientSampleId :

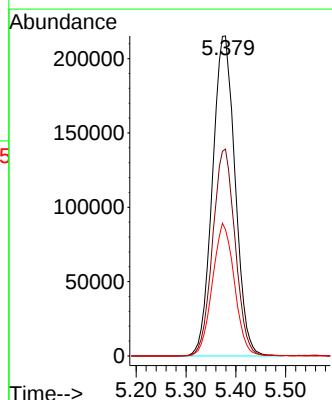
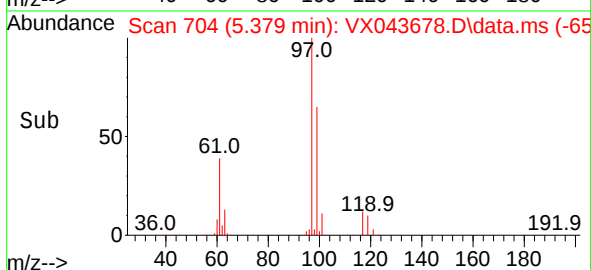
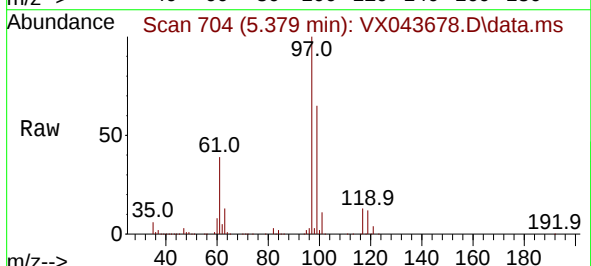


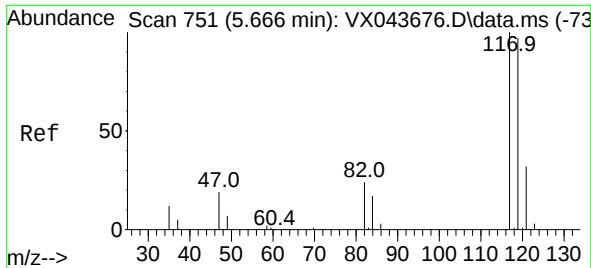
Tgt Ion: 56 Resp: 630775
Ion Ratio Lower Upper
56 100
69 31.8 25.2 37.8
84 91.1 72.9 109.3



#30
1,1,1-Trichloroethane
Concen: 228.699 ug/L
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX043678.D
Acq: 04 Nov 2024 12:41

Tgt Ion: 97 Resp: 679738
Ion Ratio Lower Upper
97 100
99 64.1 51.0 76.6
61 40.3 32.6 49.0

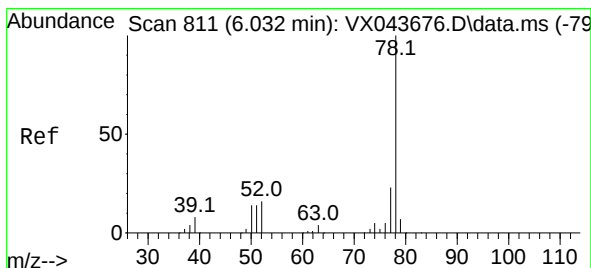
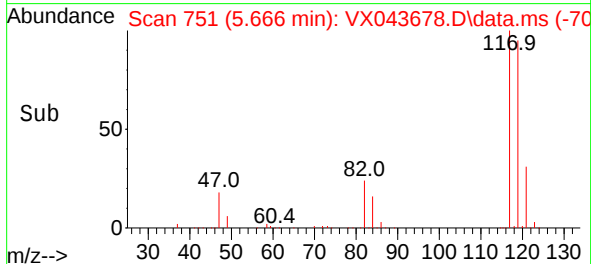
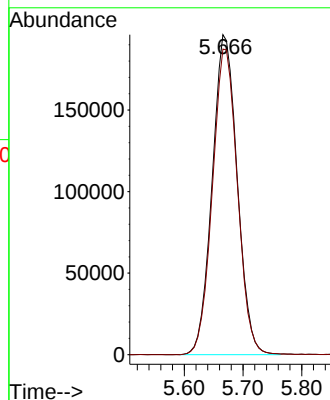
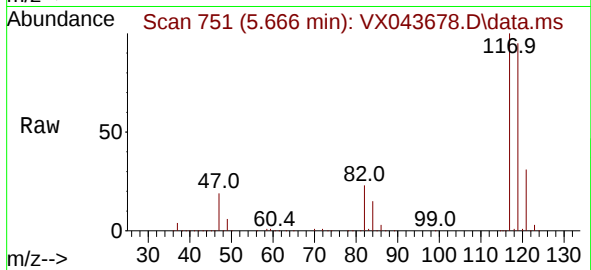




#31
Carbon tetrachloride
Concen: 238.192 ug/L
RT: 5.666 min Scan# 751
Delta R.T. -0.000 min
Lab File: VX043678.D
Acq: 04 Nov 2024 12:41

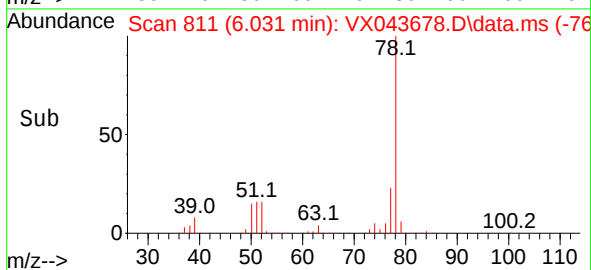
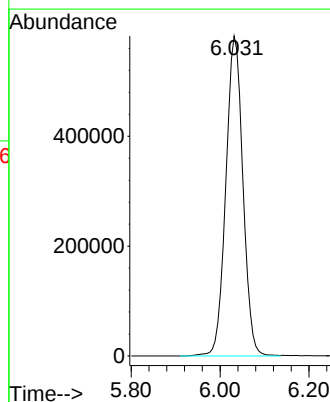
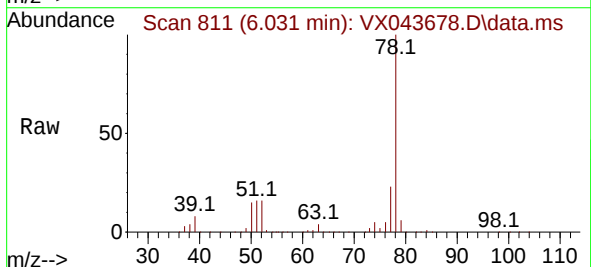
Instrument :
MSVOA_X
ClientSampleId :

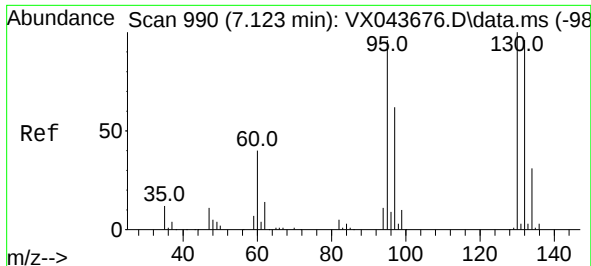
Tgt Ion:117 Resp: 580792
Ion Ratio Lower Upper
117 100
119 95.5 77.4 116.0



#33
Benzene
Concen: 221.531 ug/L
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX043678.D
Acq: 04 Nov 2024 12:41

Tgt Ion: 78 Resp: 1549257





#34

Trichloroethene

Concen: 224.774 ug/L

RT: 7.117 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX043678.D

Acq: 04 Nov 2024 12:41

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 95 Resp: 422603

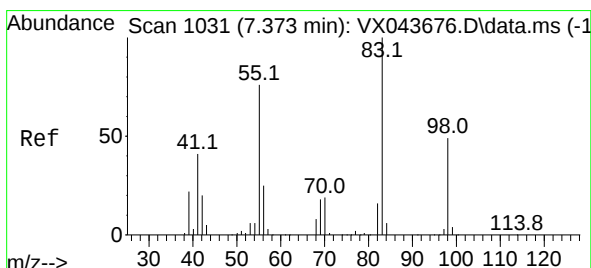
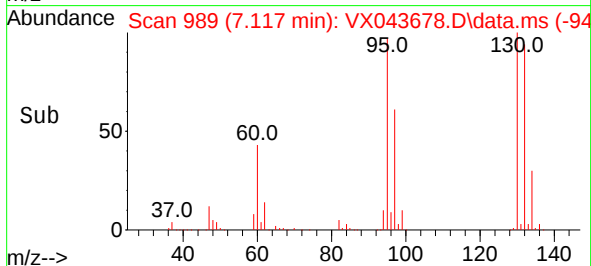
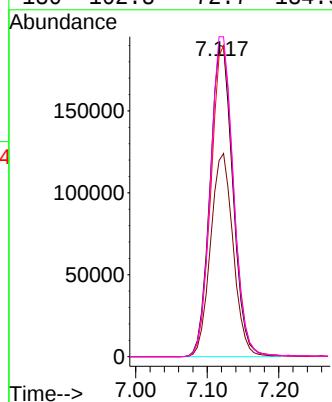
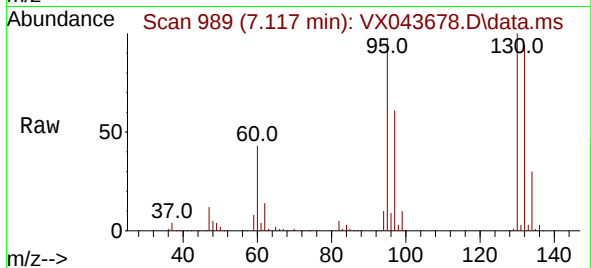
Ion Ratio Lower Upper

95 100

97 63.0 45.4 84.2

132 96.6 69.7 129.5

130 102.8 72.7 134.9



#35

Methylcyclohexane

Concen: 225.524 ug/L

RT: 7.373 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VX043678.D

Acq: 04 Nov 2024 12:41

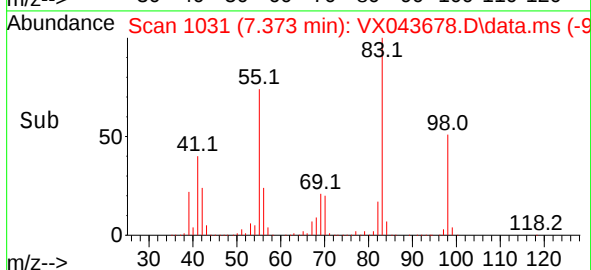
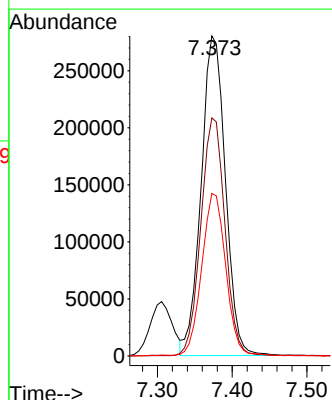
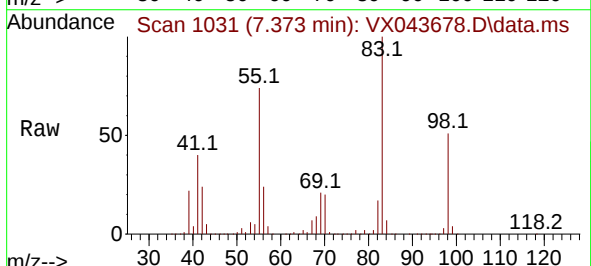
Tgt Ion: 83 Resp: 633494

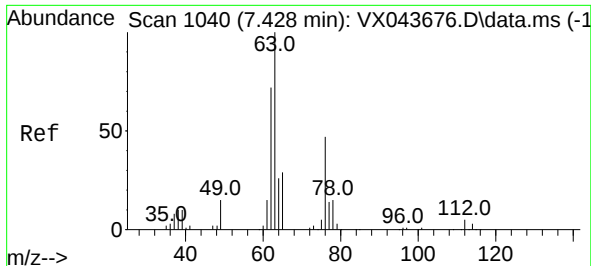
Ion Ratio Lower Upper

83 100

55 73.7 58.6 88.0

98 50.5 39.0 58.4

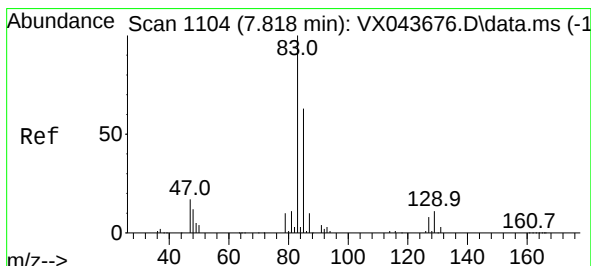
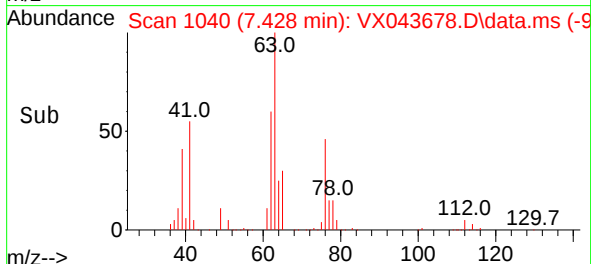
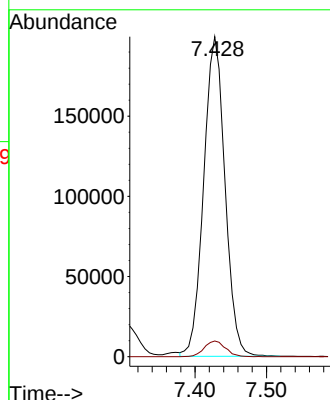
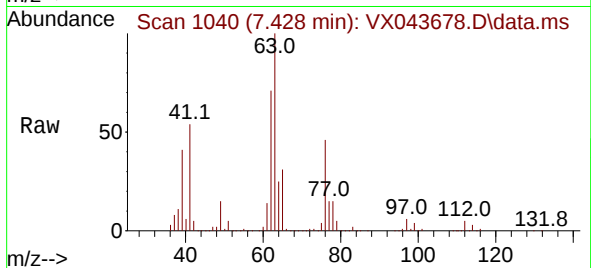




#37
1,2-Dichloropropane
Concen: 221.443 ug/L
RT: 7.428 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX043678.D
Acq: 04 Nov 2024 12:41

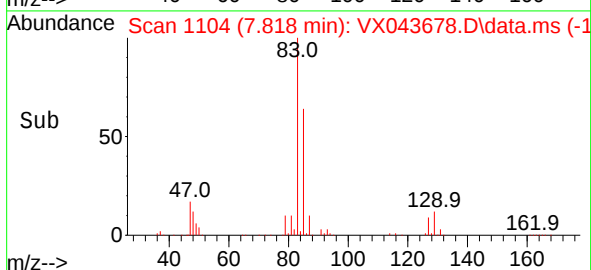
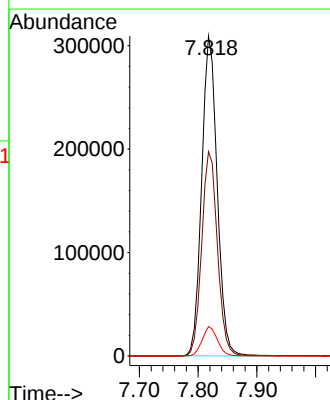
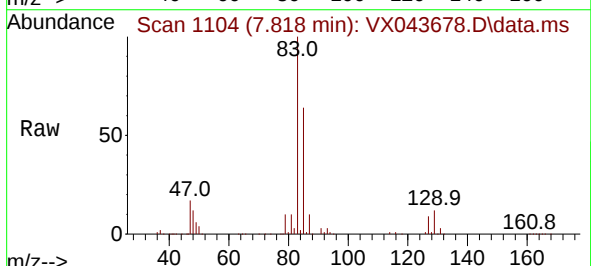
Instrument :
MSVOA_X
ClientSampleId :

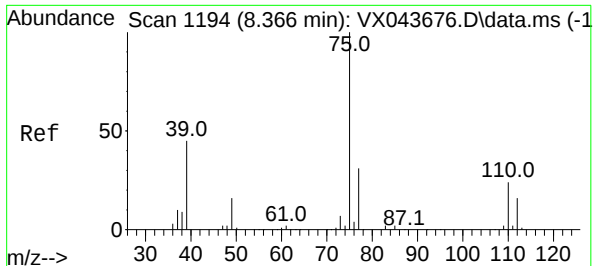
Tgt Ion: 63 Resp: 412519
Ion Ratio Lower Upper
63 100
112 4.9 3.8 5.8



#38
Bromodichloromethane
Concen: 239.687 ug/L
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX043678.D
Acq: 04 Nov 2024 12:41

Tgt Ion: 83 Resp: 567914
Ion Ratio Lower Upper
83 100
85 63.8 43.8 81.3
127 9.2 6.8 10.2

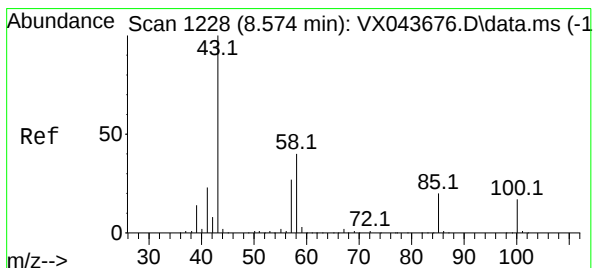
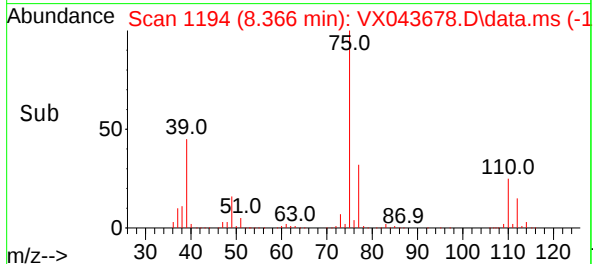
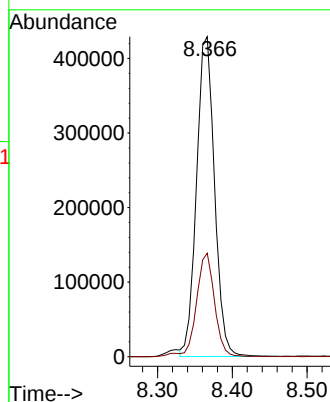
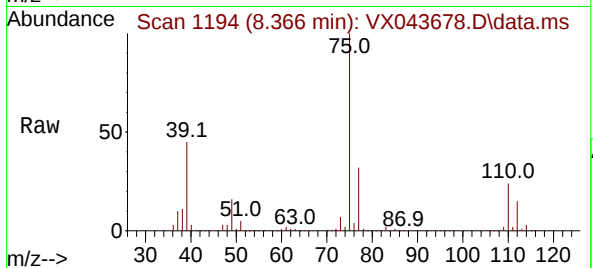




#39
 cis-1,3-Dichloropropene
 Concen: 239.578 ug/L
 RT: 8.366 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: VX043678.D
 Acq: 04 Nov 2024 12:41

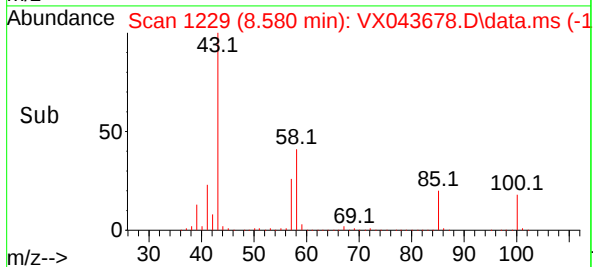
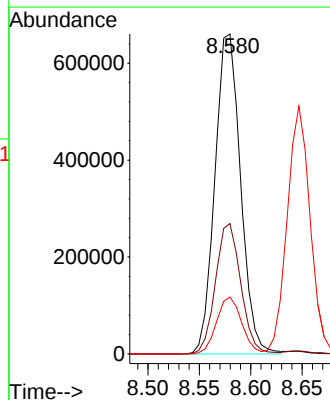
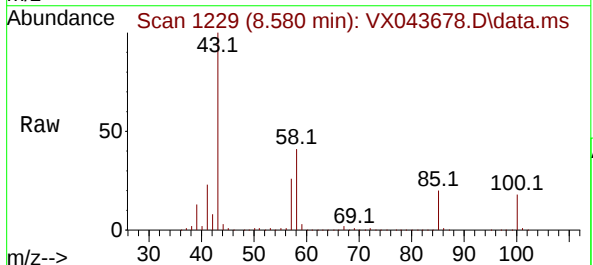
Instrument :
 MSVOA_X
 ClientSampleId :

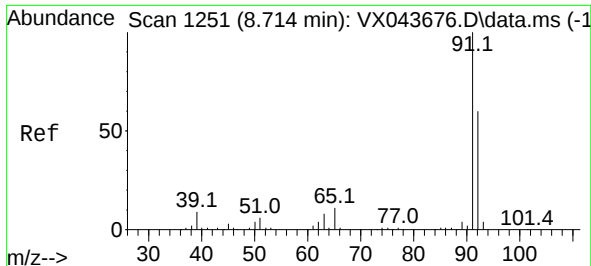
Tgt Ion: 75 Resp: 717043
 Ion Ratio Lower Upper
 75 100
 77 32.4 21.7 40.3



#40
 4-Methyl-2-pentanone
 Concen: 452.192 ug/L
 RT: 8.580 min Scan# 1229
 Delta R.T. 0.006 min
 Lab File: VX043678.D
 Acq: 04 Nov 2024 12:41

Tgt Ion: 43 Resp: 1146549
 Ion Ratio Lower Upper
 43 100
 58 40.1 31.6 47.4
 100 17.4 13.8 20.6





#42

Toluene

Concen: 217.981 ug/L

RT: 8.714 min Scan# 1251

Delta R.T. -0.000 min

Lab File: VX043678.D

Acq: 04 Nov 2024 12:41

Instrument :

MSVOA_X

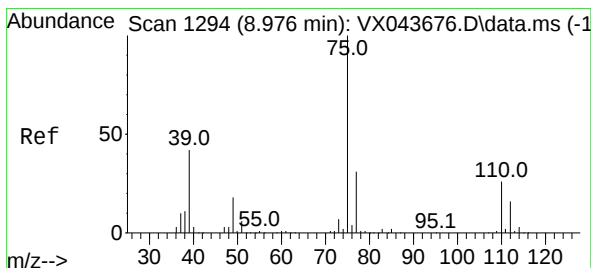
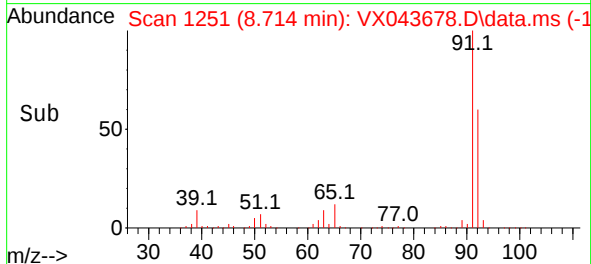
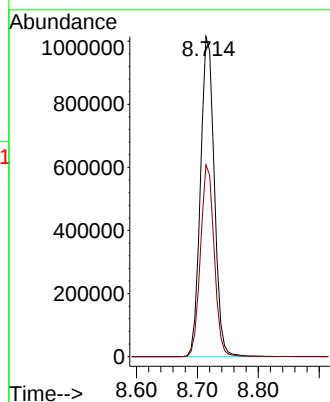
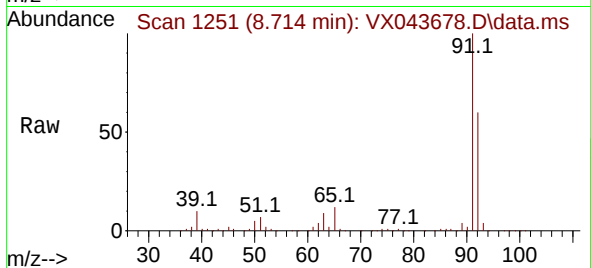
ClientSampleId :

Tgt Ion: 91 Resp: 1603395

Ion Ratio Lower Upper

91 100

92 59.9 41.6 77.3



#44

trans-1,3-Dichloropropene

Concen: 240.182 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX043678.D

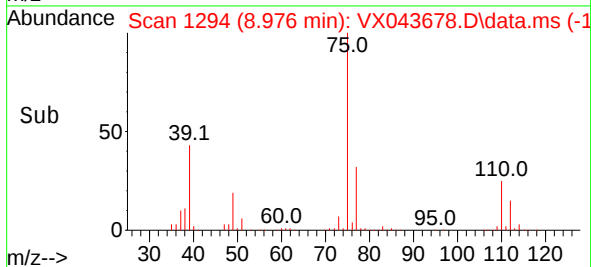
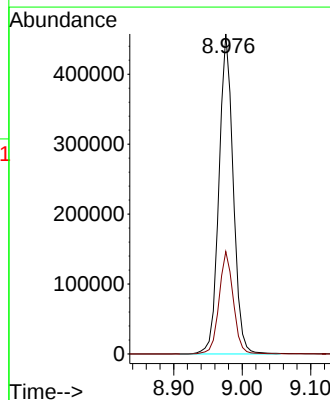
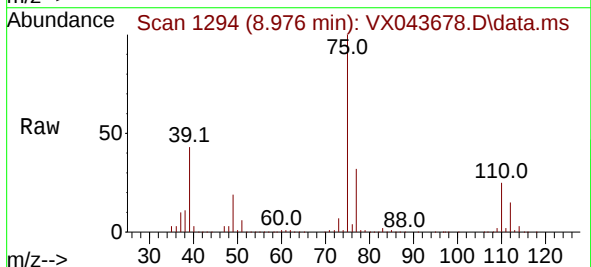
Acq: 04 Nov 2024 12:41

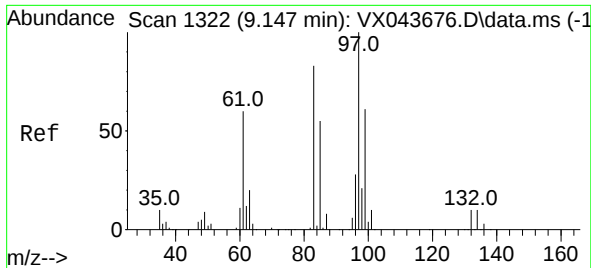
Tgt Ion: 75 Resp: 660696

Ion Ratio Lower Upper

75 100

77 32.0 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 217.381 ug/L

RT: 9.153 min Scan# 1323

Delta R.T. 0.006 min

Lab File: VX043678.D

Acq: 04 Nov 2024 12:41

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 415253

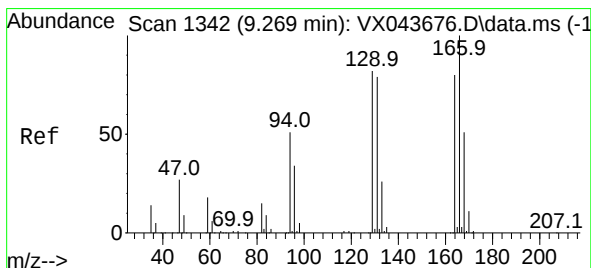
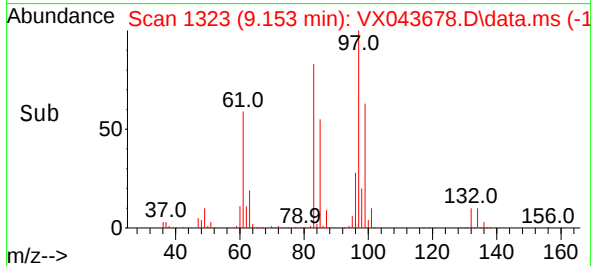
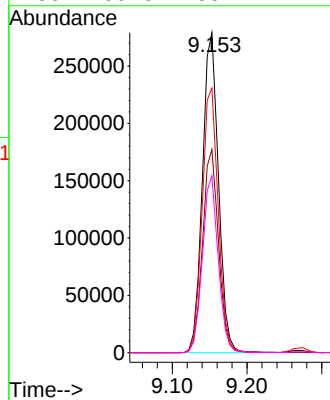
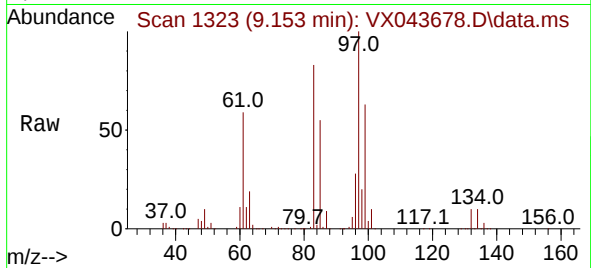
Ion Ratio Lower Upper

97 100

99 63.4 42.8 79.4

83 82.7 58.4 108.4

85 55.3 38.2 71.0



#46

Tetrachloroethene

Concen: 220.274 ug/L

RT: 9.269 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VX043678.D

Acq: 04 Nov 2024 12:41

Tgt Ion:164 Resp: 298100

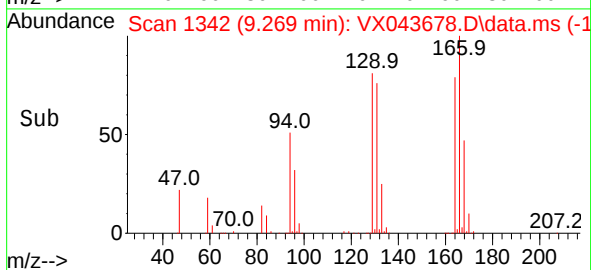
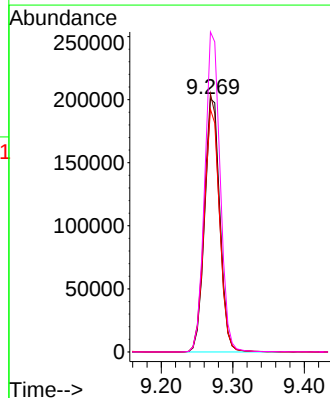
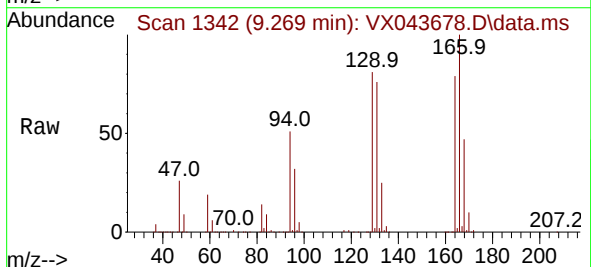
Ion Ratio Lower Upper

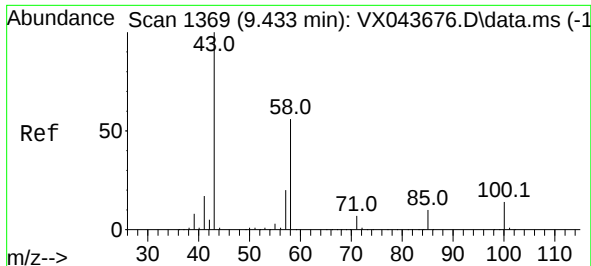
164 100

129 102.0 72.2 134.2

131 95.9 69.0 128.2

166 126.4 87.9 163.3





#48

2-Hexanone

Concen: 450.058 ug/L

RT: 9.433 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VX043678.D

Acq: 04 Nov 2024 12:41

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 43 Resp: 852992

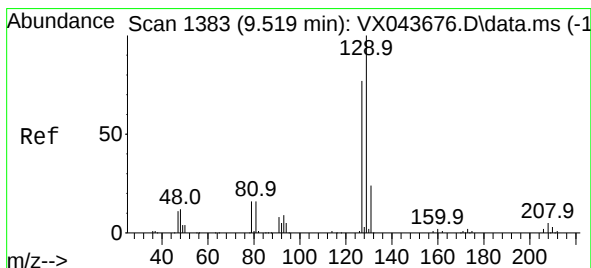
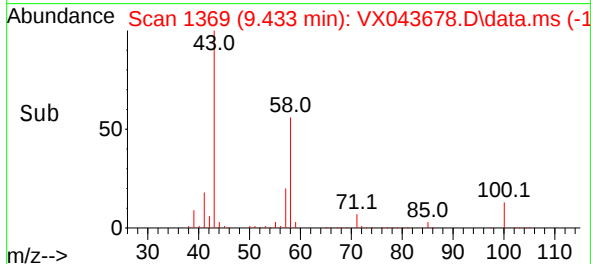
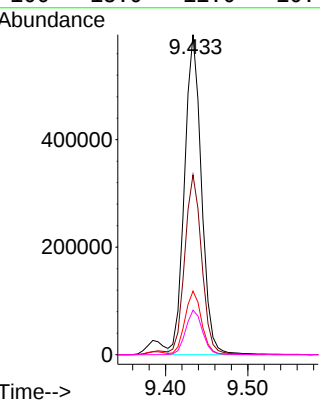
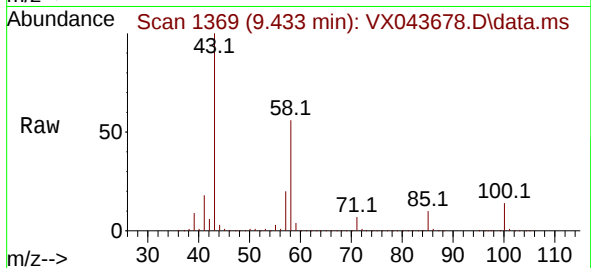
Ion Ratio Lower Upper

43 100

58 56.4 44.6 67.0

57 19.7 15.7 23.5

100 13.9 11.0 16.4



#49

Dibromochloromethane

Concen: 247.317 ug/L

RT: 9.519 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX043678.D

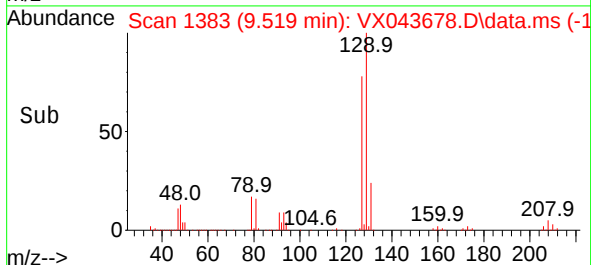
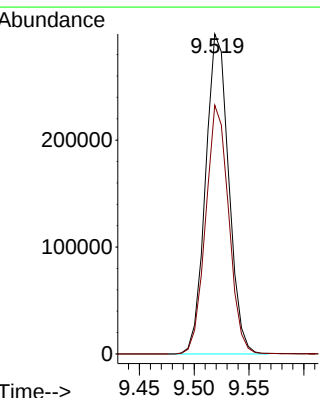
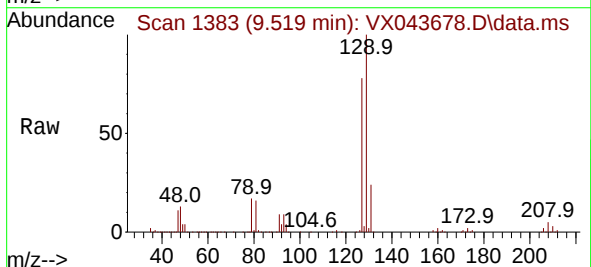
Acq: 04 Nov 2024 12:41

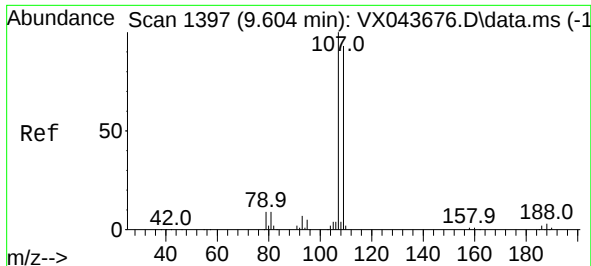
Tgt Ion:129 Resp: 440349

Ion Ratio Lower Upper

129 100

127 77.7 54.2 100.6

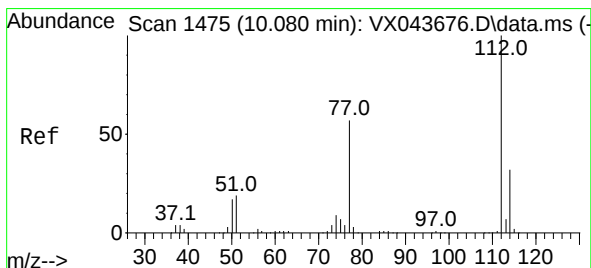
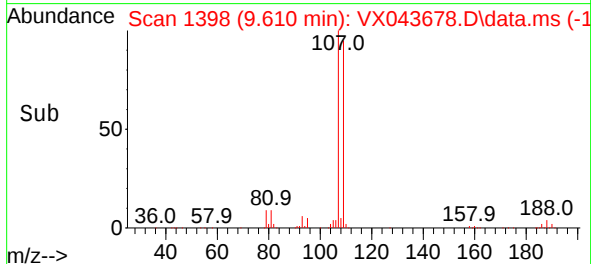
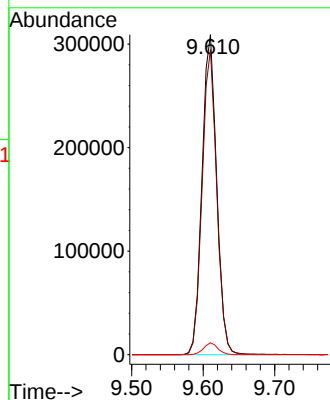
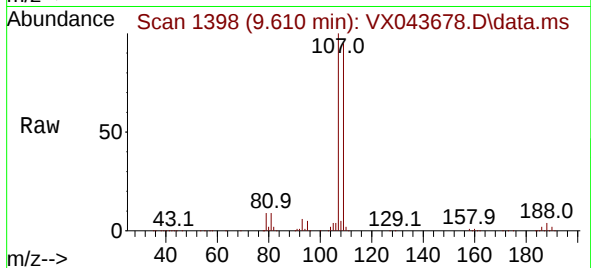




#50
1,2-Dibromoethane
Concen: 223.349 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VX043678.D
Acq: 04 Nov 2024 12:41

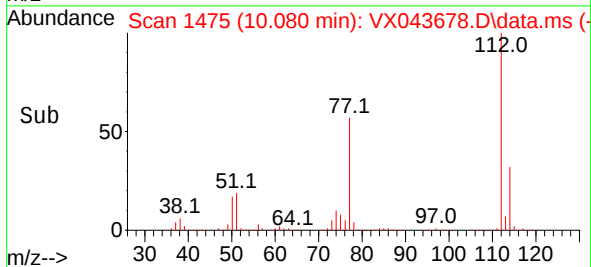
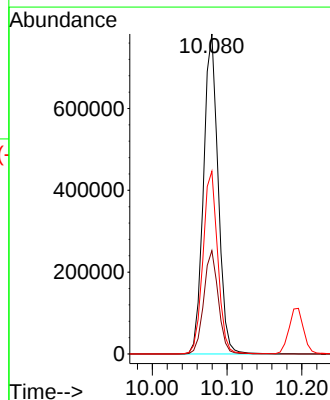
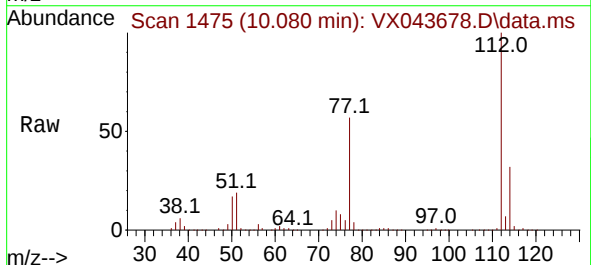
Instrument :
MSVOA_X
ClientSampleId :

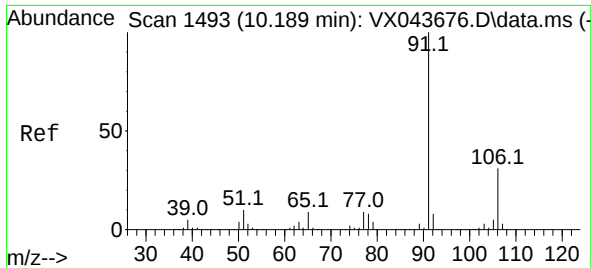
Tgt Ion:107 Resp: 440527
Ion Ratio Lower Upper
107 100
109 95.4 64.9 120.5
188 3.7 2.6 4.0



#51
Chlorobenzene
Concen: 221.162 ug/L
RT: 10.080 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX043678.D
Acq: 04 Nov 2024 12:41

Tgt Ion:112 Resp: 1063184
Ion Ratio Lower Upper
112 100
114 32.3 22.6 42.0
77 57.1 45.9 68.9





#52

Ethylbenzene

Concen: 221.596 ug/L

RT: 10.195 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VX043678.D

Acq: 04 Nov 2024 12:41

Instrument :

MSVOA_X

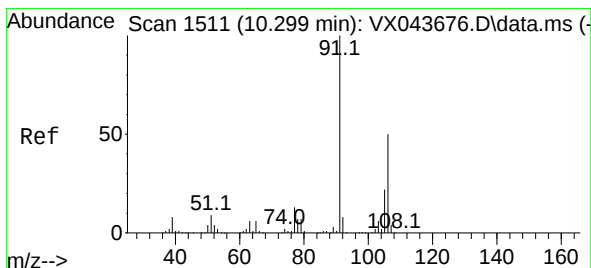
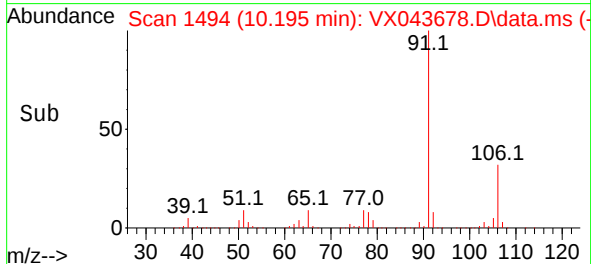
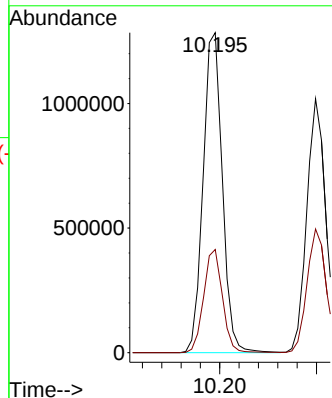
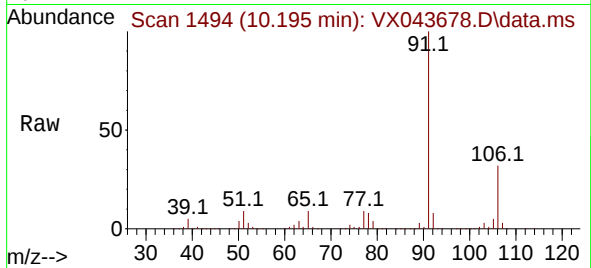
ClientSampleId :

Tgt Ion: 91 Resp: 1771747

Ion Ratio Lower Upper

91 100

106 32.2 21.9 40.7



#53

m,p-Xylene

Concen: 222.074 ug/L

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX043678.D

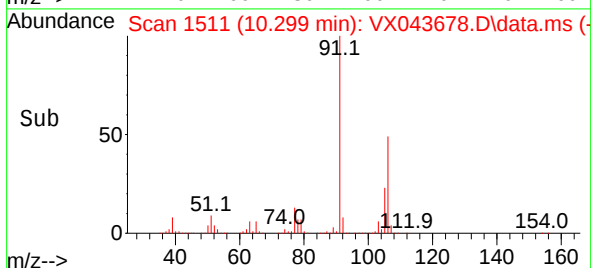
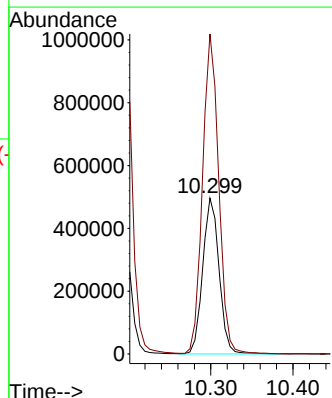
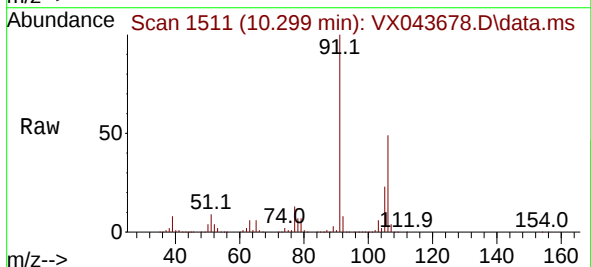
Acq: 04 Nov 2024 12:41

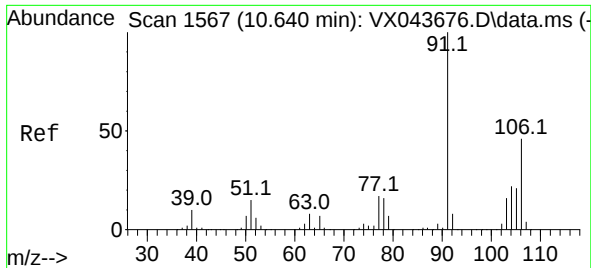
Tgt Ion:106 Resp: 685411

Ion Ratio Lower Upper

106 100

91 205.3 140.6 261.2

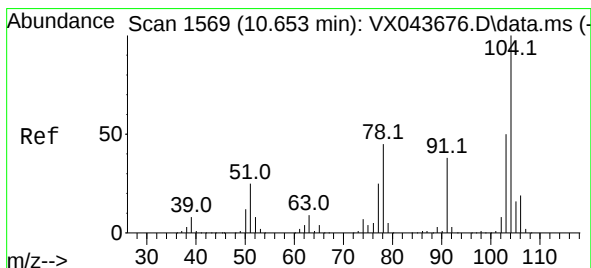
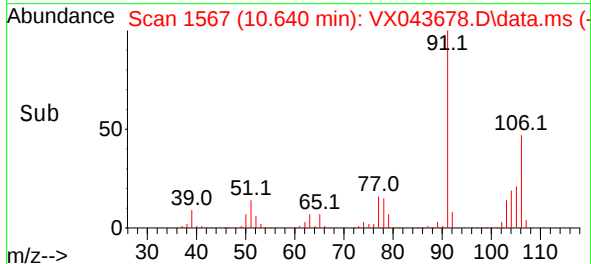
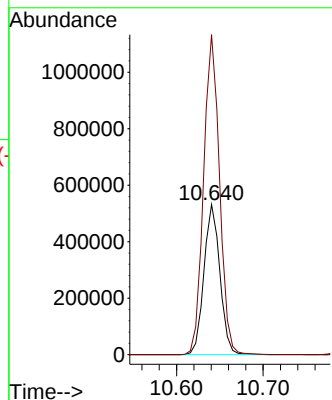
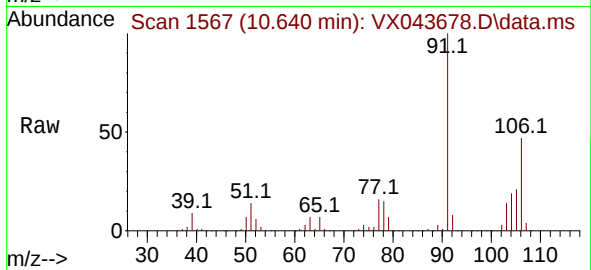




#54
o-Xylene
Concen: 220.542 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX043678.D
Acq: 04 Nov 2024 12:41

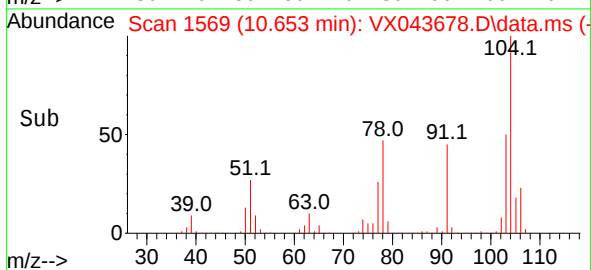
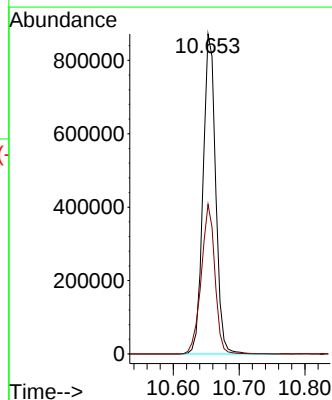
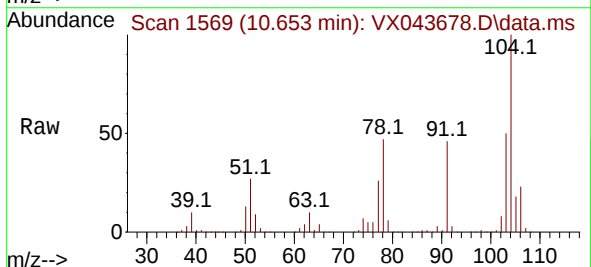
Instrument :
MSVOA_X
ClientSampleId :

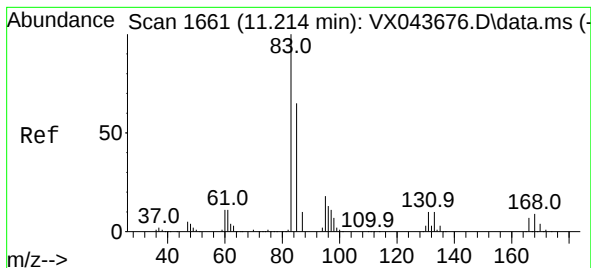
Tgt Ion:106 Resp: 678607
Ion Ratio Lower Upper
106 100
91 213.1 151.9 282.1



#55
Styrene
Concen: 227.329 ug/L
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX043678.D
Acq: 04 Nov 2024 12:41

Tgt Ion:104 Resp: 1163597
Ion Ratio Lower Upper
104 100
78 46.8 31.6 58.6





#57

1,1,2,2-Tetrachloroethane

Concen: 219.871 ug/L

RT: 11.213 min Scan# 1

Delta R.T. -0.000 min

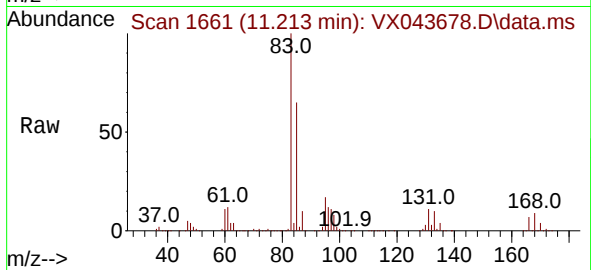
Lab File: VX043678.D

Acq: 04 Nov 2024 12:41

Instrument :

MSVOA_X

ClientSampleId :



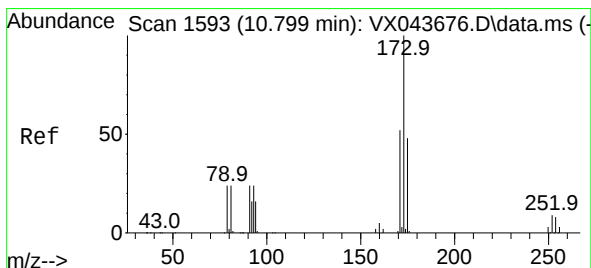
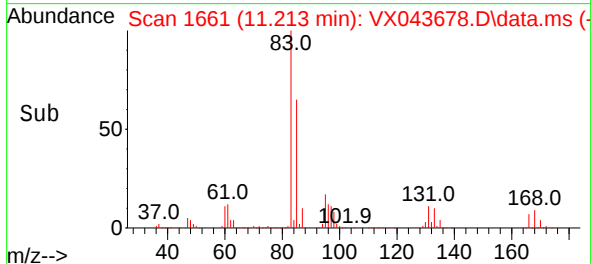
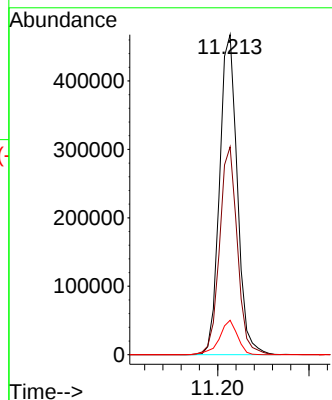
Tgt Ion: 83 Resp: 629050

Ion Ratio Lower Upper

83 100

85 65.0 45.2 84.0

131 10.7 8.3 12.5



#59

Bromoform

Concen: 247.486 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX043678.D

Acq: 04 Nov 2024 12:41

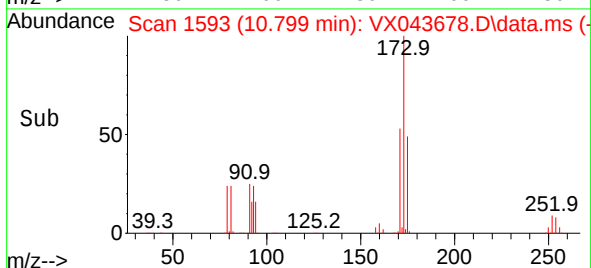
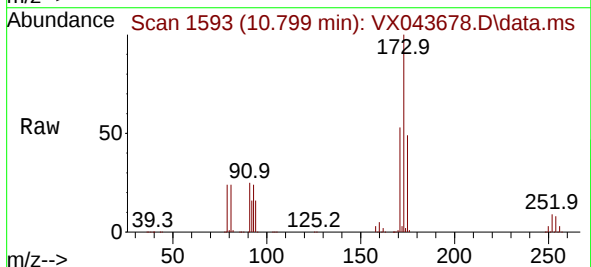
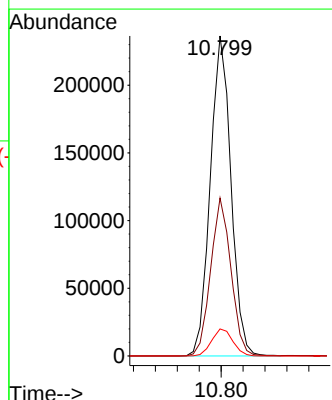
Tgt Ion:173 Resp: 310135

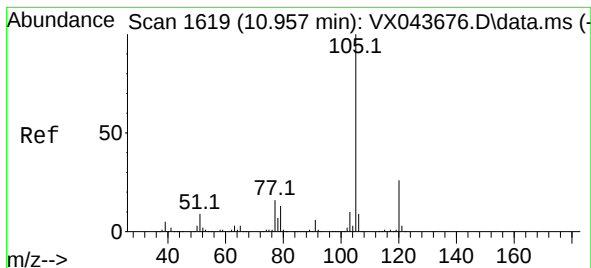
Ion Ratio Lower Upper

173 100

175 48.4 37.0 55.6

254 8.7 6.4 9.6





#60

Isopropylbenzene

Concen: 210.780 ug/L

RT: 10.964 min Scan# 1620

Delta R.T. 0.006 min

Lab File: VX043678.D

Acq: 04 Nov 2024 12:41

Instrument :

MSVOA_X

ClientSampleId :

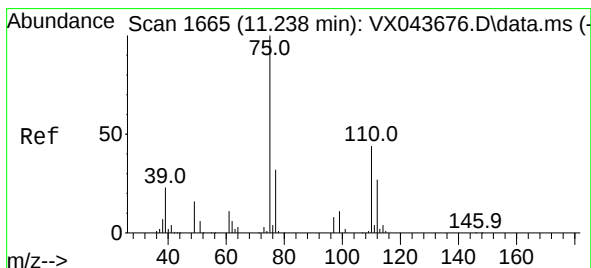
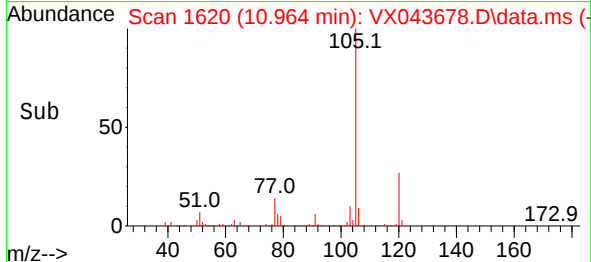
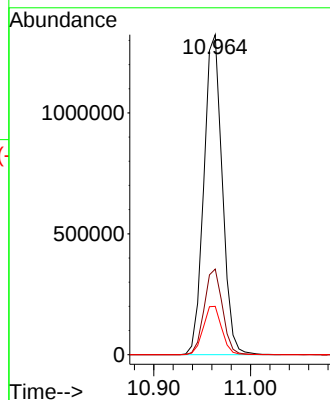
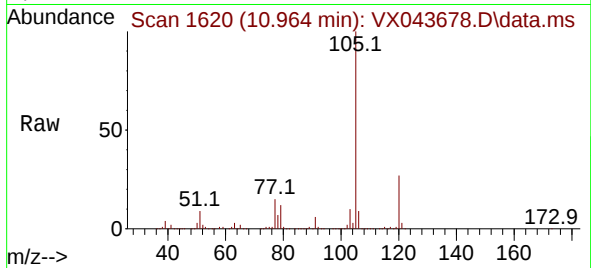
Tgt Ion:105 Resp: 1750983

Ion Ratio Lower Upper

105 100

120 26.7 21.1 31.7

77 15.3 12.3 18.5



#61

1,2,3-Trichloropropane

Concen: 205.345 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX043678.D

Acq: 04 Nov 2024 12:41

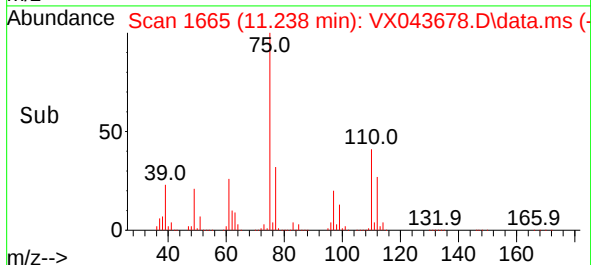
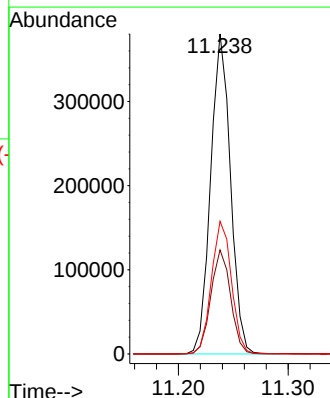
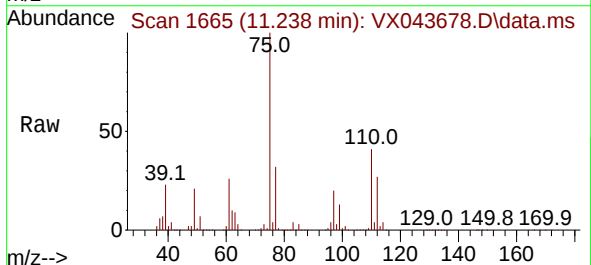
Tgt Ion: 75 Resp: 477530

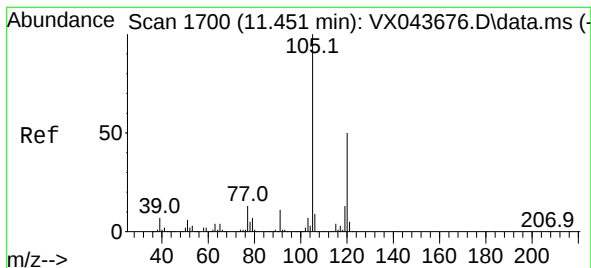
Ion Ratio Lower Upper

75 100

77 32.4 25.4 38.0

110 41.8 33.6 50.4





#62

1,3,5-Trimethylbenzene

Concen: 212.873 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX043678.D

Acq: 04 Nov 2024 12:41

Instrument :

MSVOA_X

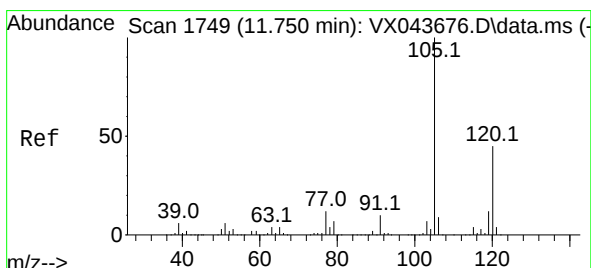
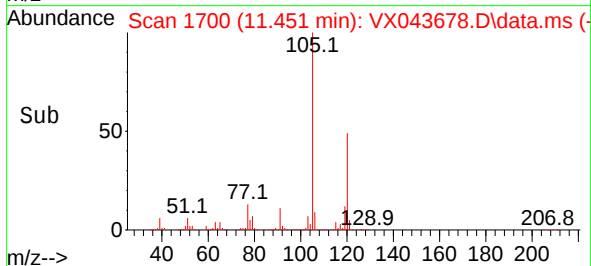
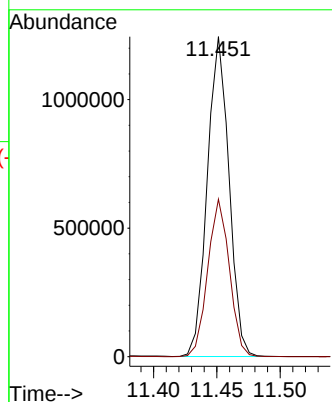
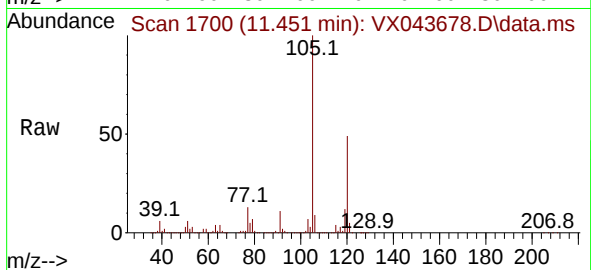
ClientSampleId :

Tgt Ion:105 Resp: 1486389

Ion Ratio Lower Upper

105 100

120 49.1 39.4 59.2



#63

1,2,4-Trimethylbenzene

Concen: 214.609 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX043678.D

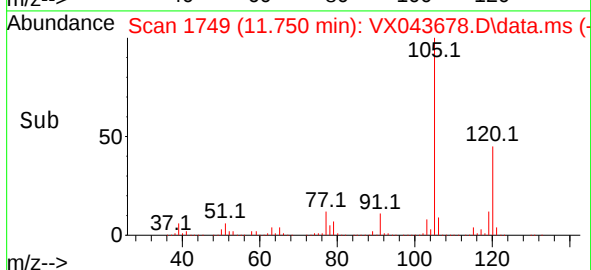
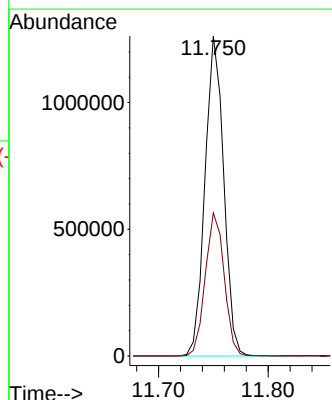
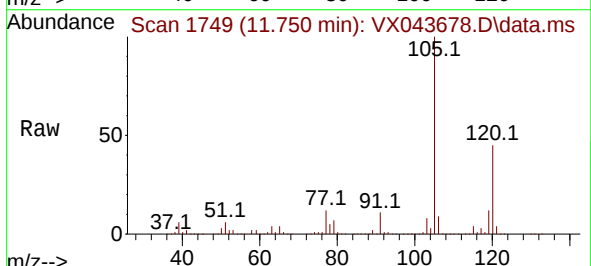
Acq: 04 Nov 2024 12:41

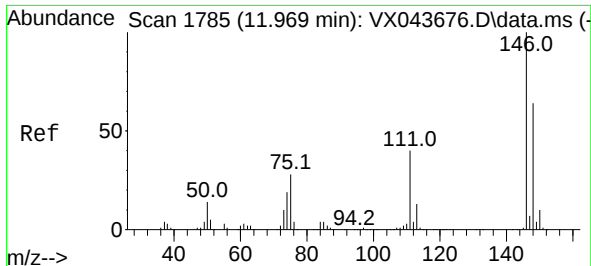
Tgt Ion:105 Resp: 1492027

Ion Ratio Lower Upper

105 100

120 45.3 35.7 53.5





#64

1,3-Dichlorobenzene

Concen: 218.195 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX043678.D

Acq: 04 Nov 2024 12:41

Instrument :

MSVOA_X

ClientSampleId :

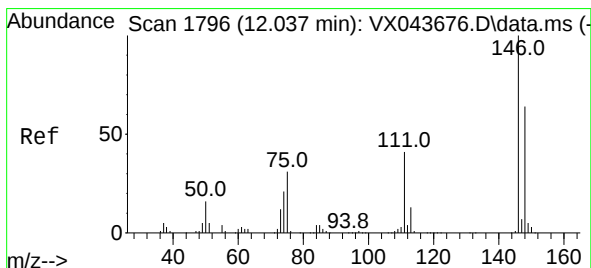
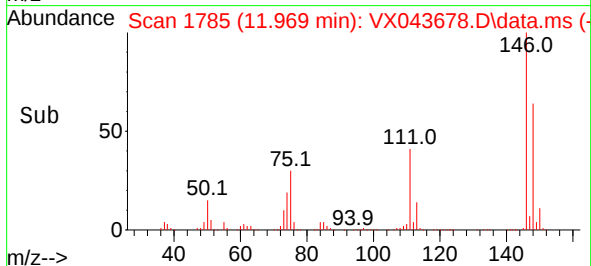
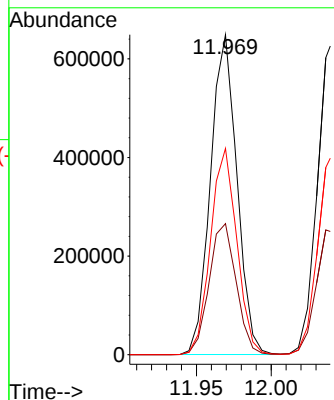
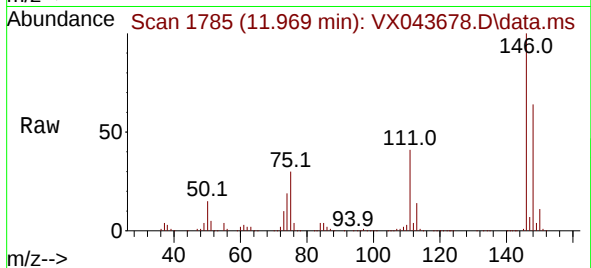
Tgt Ion:146 Resp: 797293

Ion Ratio Lower Upper

146 100

111 41.0 28.3 52.5

148 64.4 45.1 83.9



#65

1,4-Dichlorobenzene

Concen: 218.277 ug/L

RT: 12.043 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VX043678.D

Acq: 04 Nov 2024 12:41

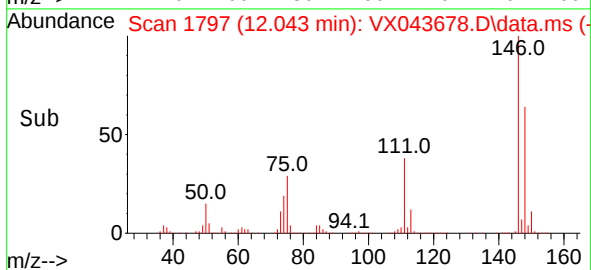
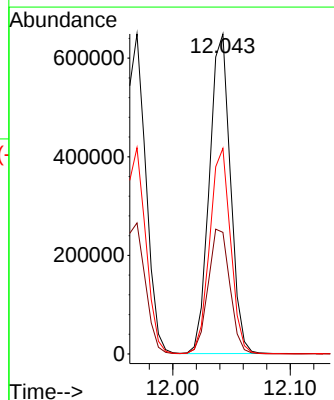
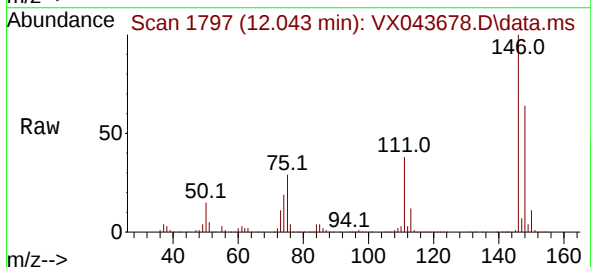
Tgt Ion:146 Resp: 803342

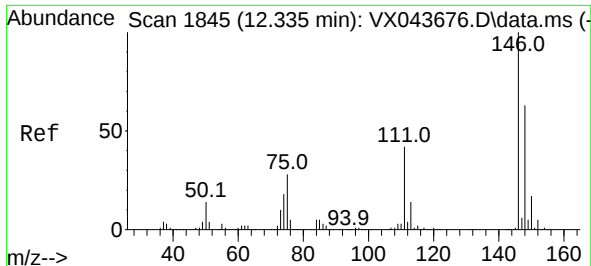
Ion Ratio Lower Upper

146 100

111 38.0 28.9 53.7

148 64.3 45.0 83.6





#67

1,2-Dichlorobenzene

Concen: 214.186 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX043678.D

Acq: 04 Nov 2024 12:41

Instrument :

MSVOA_X

ClientSampleId :

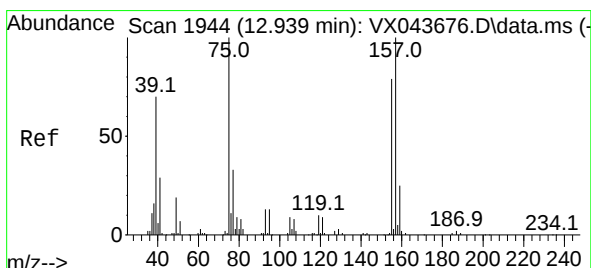
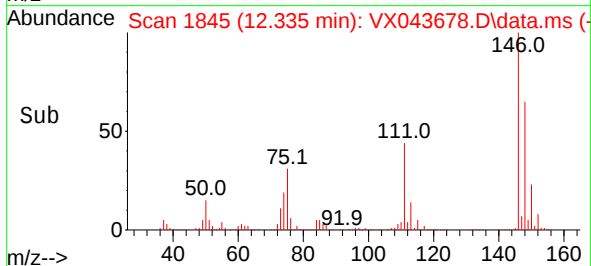
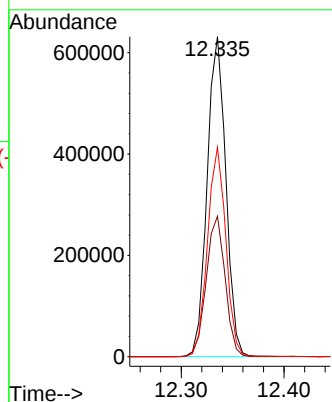
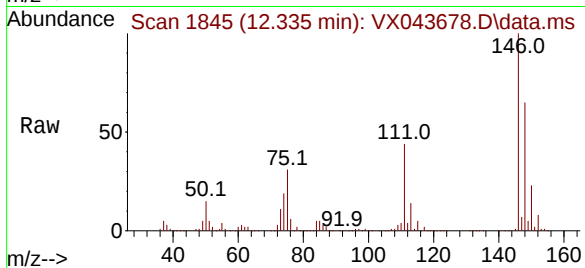
Tgt Ion:146 Resp: 799796

Ion Ratio Lower Upper

146 100

111 43.9 33.9 50.9

148 65.5 50.6 76.0



#68

1,2-Dibromo-3-chloropropane

Concen: 244.768 ug/L

RT: 12.939 min Scan# 1944

Delta R.T. -0.000 min

Lab File: VX043678.D

Acq: 04 Nov 2024 12:41

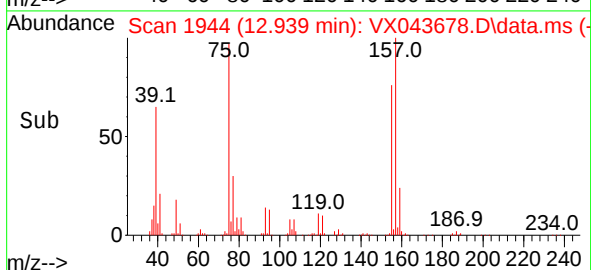
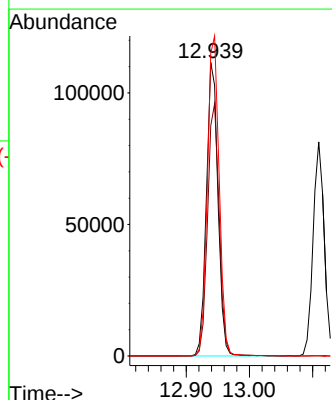
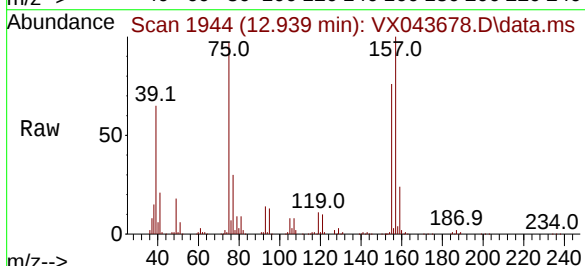
Tgt Ion: 75 Resp: 142528

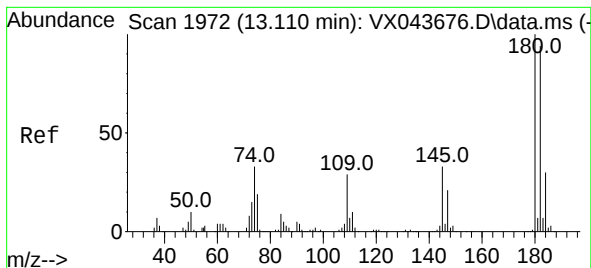
Ion Ratio Lower Upper

75 100

155 78.4 63.8 95.8

157 103.0 80.3 120.5





#69

1,3,5-Trichlorobenzene

Concen: 230.252 ug/L

RT: 13.109 min Scan# 1972

Delta R.T. -0.000 min

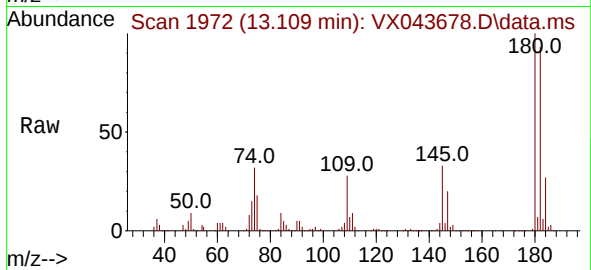
Lab File: VX043678.D

Acq: 04 Nov 2024 12:41

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 561150

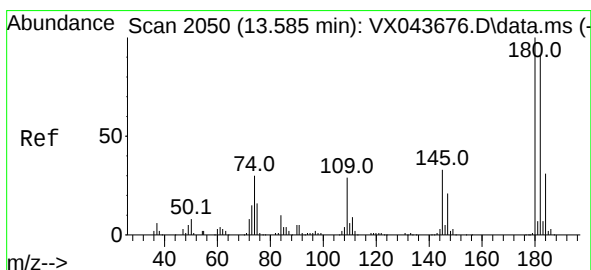
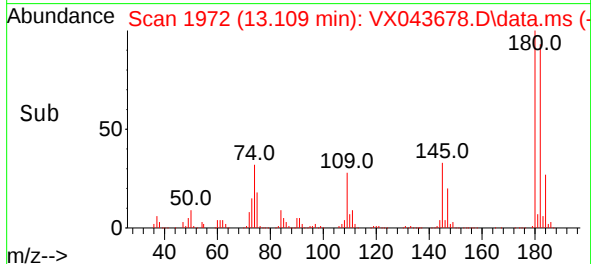
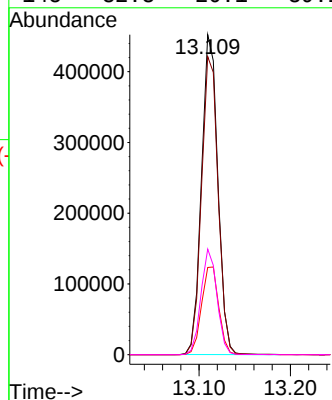
Ion Ratio Lower Upper

180 100

182 94.6 74.7 112.1

184 29.0 23.7 35.5

145 32.3 26.1 39.1



#70

1,2,4-trichlorobenzene

Concen: 239.153 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX043678.D

Acq: 04 Nov 2024 12:41

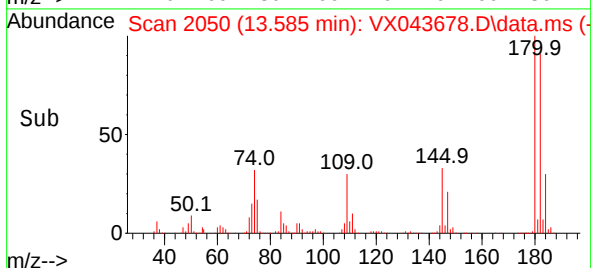
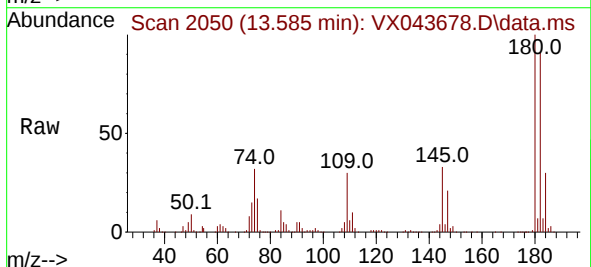
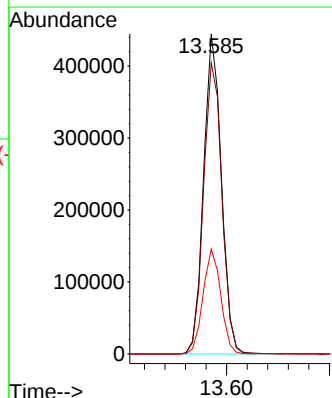
Tgt Ion:180 Resp: 534411

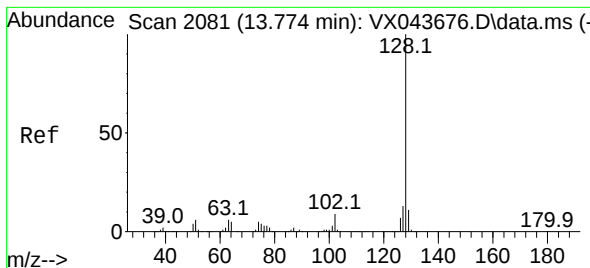
Ion Ratio Lower Upper

180 100

182 93.9 75.9 113.9

145 32.8 26.9 40.3





#71

Naphthalene

Concen: 232.821 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX043678.D

Acq: 04 Nov 2024 12:41

Instrument :

MSVOA_X

ClientSampleId :

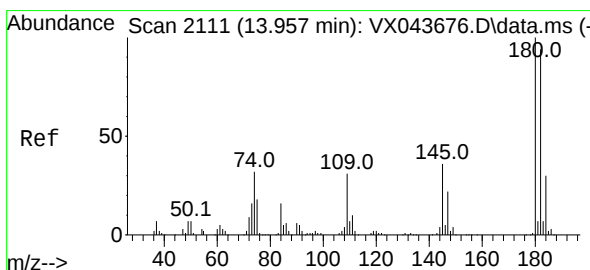
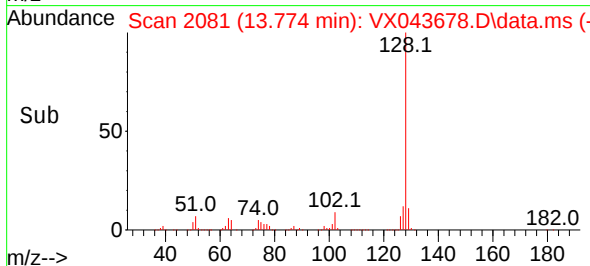
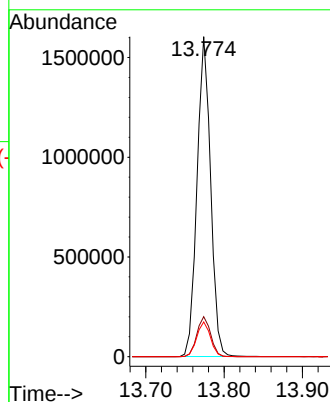
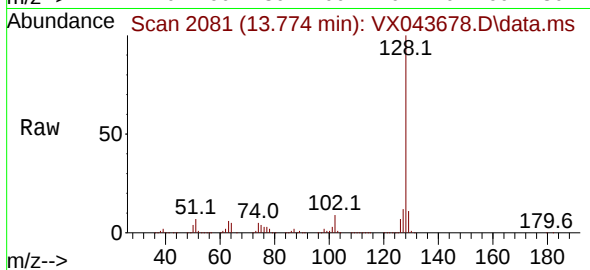
Tgt Ion:128 Resp: 1931997

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: 230.328 ug/L

RT: 13.957 min Scan# 2111

Delta R.T. -0.000 min

Lab File: VX043678.D

Acq: 04 Nov 2024 12:41

Tgt Ion:180 Resp: 531929

Ion Ratio Lower Upper

180 100

182 94.6 75.8 113.8

145 35.0 28.4 42.6

