

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110424\
 Data File : VX043675.D
 Acq On : 04 Nov 2024 11:32
 Operator : JC/MD
 Sample : VSTD010
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 05 03:11:12 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	339270	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	292095	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	129810	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	16897	9.349	ug/L	0.00
7) Chloroethane-d5	1.642	69	7102	9.141	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.294	65	7636	9.152	ug/L	0.00
21) 2-Butanone-d5	4.471	46	14613	12.419	ug/L	0.01
24) Chloroform-d	5.056	84	36172	9.284	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	24065	9.722	ug/L	0.00
32) Benzene-d6	5.964	84	71615	9.483	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.305	67	21295	9.269	ug/L	0.00
41) Toluene-d8	8.647	98	66622	9.711	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.951	79	9826	9.065	ug/L	0.00
47) 2-Hexanone-d5	9.390	63	17051	18.753	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	28408	9.637	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	21834	9.708	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	21913	9.171	ug/L	92
3) Chloromethane	1.294	50	22019	9.482	ug/L	97
5) Vinyl chloride	1.374	62	21240	9.338	ug/L	96
6) Bromomethane	1.593	94	8290	9.405	ug/L	98
8) Chloroethane	1.666	64	8007	11.489	ug/L	87
9) Trichlorofluoromethane	1.867	101	26454	9.165	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	17935	9.047	ug/L	99
12) 1,1-Dichloroethene	2.306	96	16341	9.029	ug/L	95
13) Acetone	2.379	43	21069	19.142	ug/L	97
14) Carbon disulfide	2.501	76	31907	7.975	ug/L	96
15) Methyl Acetate	2.703	43	21707	9.327	ug/L	99
16) Methylene chloride	2.782	84	20683	9.459	ug/L	96
17) trans-1,2-Dichloroethene	3.087	96	17645	9.063	ug/L	93
18) Methyl tert-butyl Ether	3.117	73	68029	9.191	ug/L	99
19) 1,1-Dichloroethane	3.605	63	34372	8.965	ug/L	99
20) cis-1,2-Dichloroethene	4.483	96	22039	9.113	ug/L	97
22) 2-Butanone	4.574	43	30458	19.425	ug/L	90
23) Bromochloromethane	4.903	128	10831	8.910	ug/L	97
25) Chloroform	5.086	83	38119	9.265	ug/L	92
27) 1,2-Dichloroethane	6.086	62	28638	9.006	ug/L	95
29) Cyclohexane	5.458	56	30799	9.087	ug/L #	94
30) 1,1,1-Trichloroethane	5.373	97	31285	8.841	ug/L	98
31) Carbon tetrachloride	5.665	117	24706	8.511	ug/L	99
33) Benzene	6.031	78	75610	9.081	ug/L	100
34) Trichloroethene	7.123	95	20372	9.101	ug/L	93
35) Methylcyclohexane	7.379	83	29975	8.963	ug/L	99
37) 1,2-Dichloropropane	7.427	63	20384	9.191	ug/L	98
38) Bromodichloromethane	7.818	83	23821	8.445	ug/L	97
39) cis-1,3-Dichloropropene	8.366	75	30839	8.655	ug/L	99
40) 4-Methyl-2-pentanone	8.573	43	54521	18.062	ug/L	99
42) Toluene	8.714	91	81730	9.333	ug/L	94
44) trans-1,3-Dichloropropene	8.976	75	28677	8.757	ug/L	97

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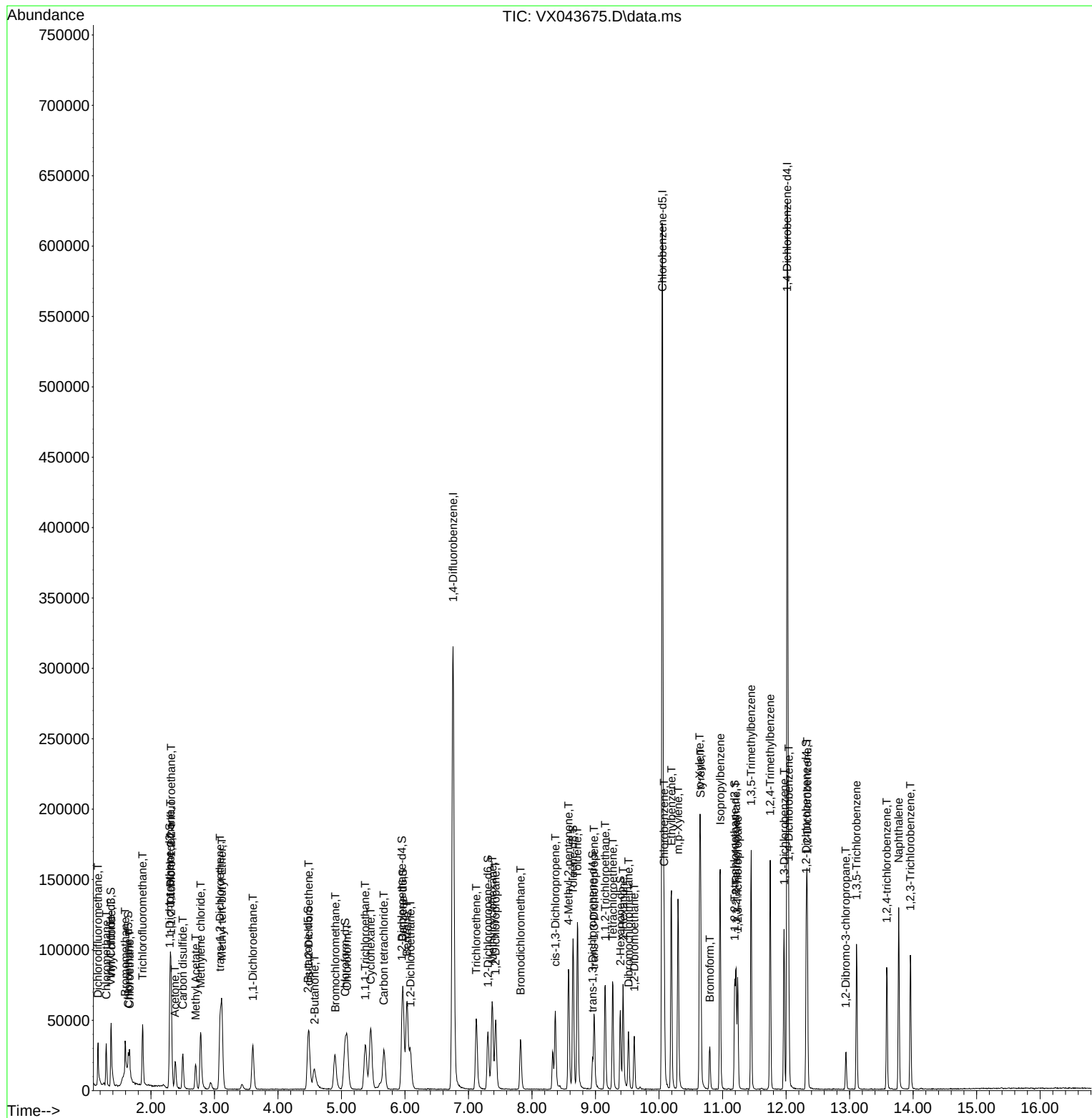
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	21485	9.447	ug/L	95
46) Tetrachloroethene	9.275	164	14522	9.013	ug/L	98
48) 2-Hexanone	9.433	43	40635	18.009	ug/L	98
49) Dibromochloromethane	9.518	129	17819	8.406	ug/L	100
50) 1,2-Dibromoethane	9.610	107	22002	9.370	ug/L #	97
51) Chlorobenzene	10.079	112	54005	9.436	ug/L	99
52) Ethylbenzene	10.195	91	88595	9.307	ug/L	99
53) m,p-Xylene	10.299	106	34784	9.466	ug/L	97
54) o-Xylene	10.640	106	34441	9.402	ug/L	98
55) Styrene	10.652	104	54648	8.968	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	31887	9.362	ug/L	97
59) Bromoform	10.799	173	11095	8.171	ug/L	95
60) Isopropylbenzene	10.963	105	88020	9.779	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	25639	10.175	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	72705	9.610	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	72004	9.559	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	36882	9.316	ug/L	97
65) 1,4-Dichlorobenzene	12.042	146	37563	9.420	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	39081	9.659	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	5419	8.589	ug/L #	89
69) 1,3,5-Trichlorobenzene	13.109	180	23274	8.814	ug/L	97
70) 1,2,4-trichlorobenzene	13.585	180	21238	8.772	ug/L	96
71) Naphthalene	13.774	128	80580	8.962	ug/L	99
72) 1,2,3-Trichlorobenzene	13.957	180	23334	9.325	ug/L	98

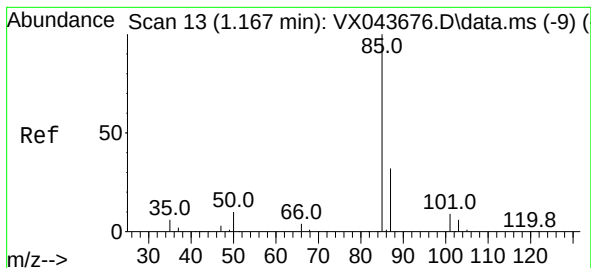
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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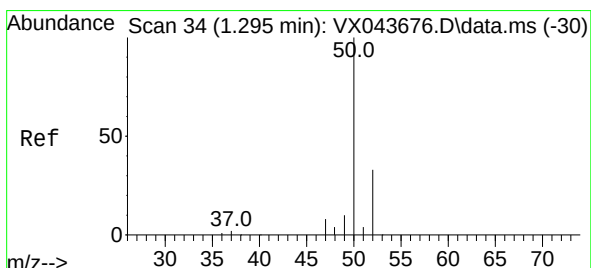
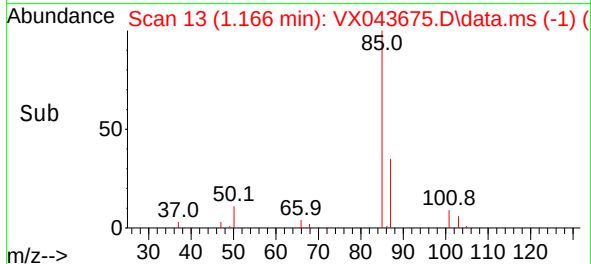
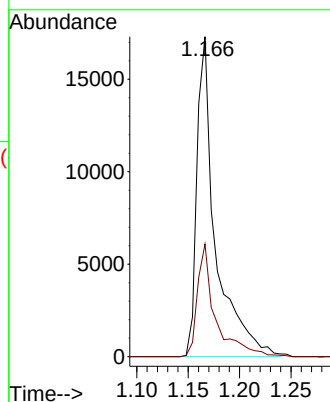
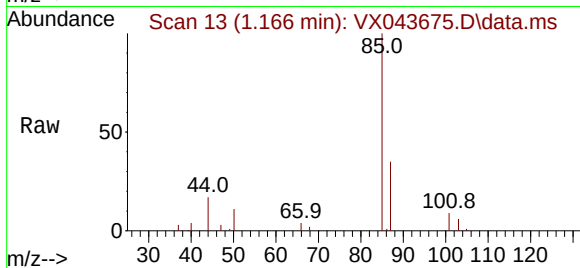




#2
Dichlorodifluoromethane
Concen: 9.171 ug/L
RT: 1.166 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX043675.D
Acq: 04 Nov 2024 11:32

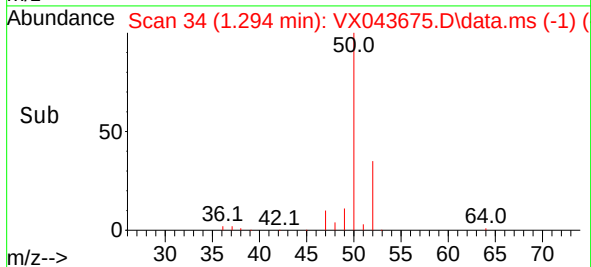
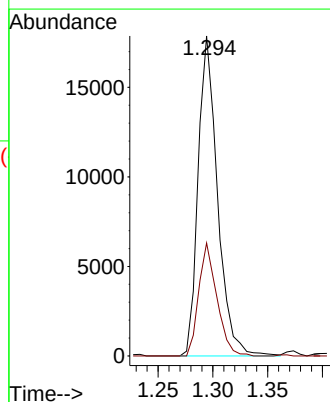
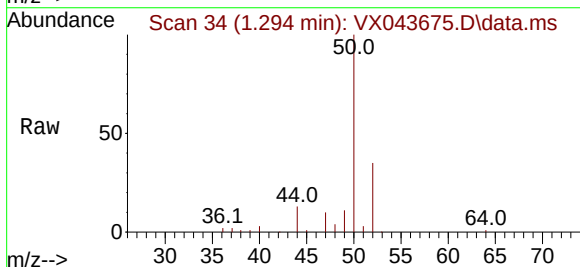
Instrument :
MSVOA_X
ClientSampleId :

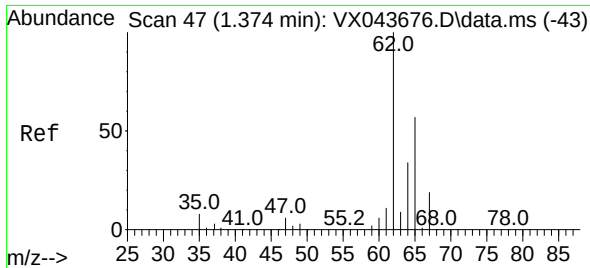
Tgt Ion: 85 Resp: 21913
Ion Ratio Lower Upper
85 100
87 27.7 25.6 38.4



#3
Chloromethane
Concen: 9.482 ug/L
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX043675.D
Acq: 04 Nov 2024 11:32

Tgt Ion: 50 Resp: 22019
Ion Ratio Lower Upper
50 100
52 35.3 23.4 43.4

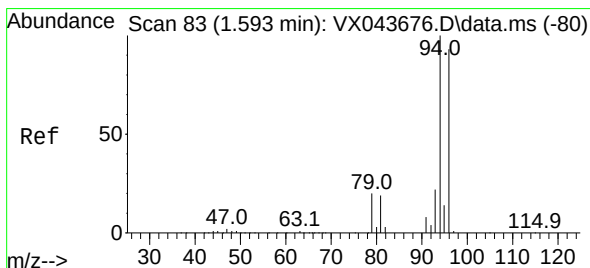
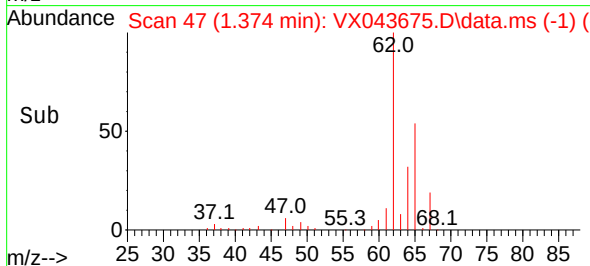
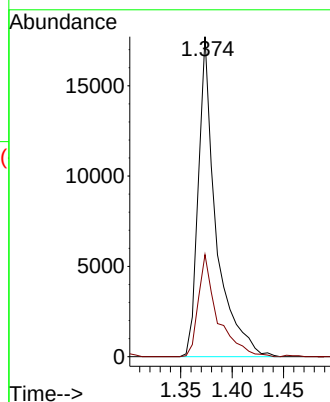
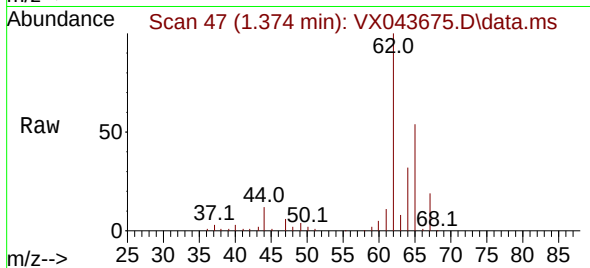




#5
 Vinyl chloride
 Concen: 9.338 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX043675.D
 Acq: 04 Nov 2024 11:32

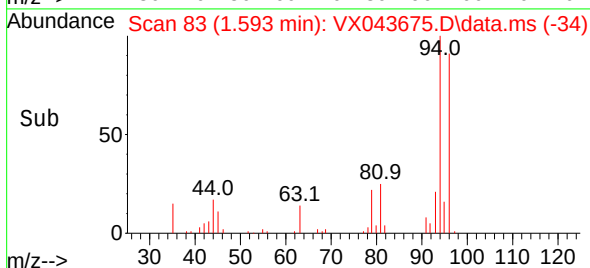
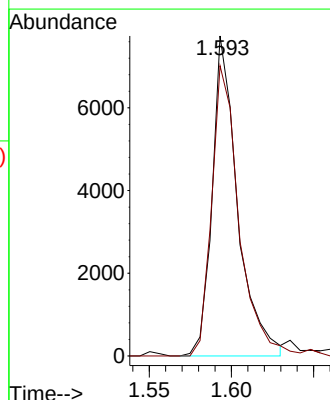
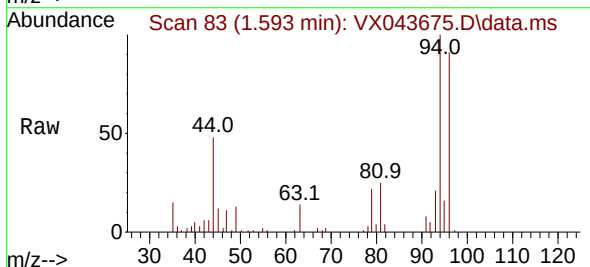
Instrument :
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 ClientSampleId :

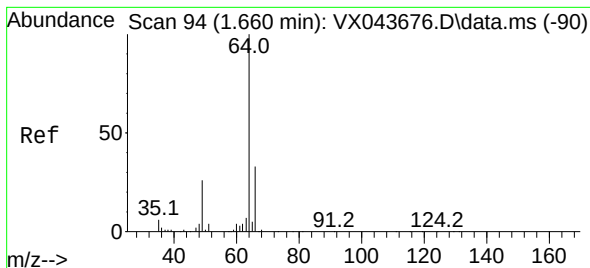
Tgt Ion: 62 Resp: 21240
 Ion Ratio Lower Upper
 62 100
 64 31.9 24.0 44.6



#6
 Bromomethane
 Concen: 9.405 ug/L
 RT: 1.593 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VX043675.D
 Acq: 04 Nov 2024 11:32

Tgt Ion: 94 Resp: 8290
 Ion Ratio Lower Upper
 94 100
 96 90.7 65.0 120.8





#8

Chloroethane

Concen: 11.489 ug/L

RT: 1.666 min Scan# 94

Delta R.T. 0.006 min

Lab File: VX043675.D

Acq: 04 Nov 2024 11:32

Instrument :

MSVOA_X

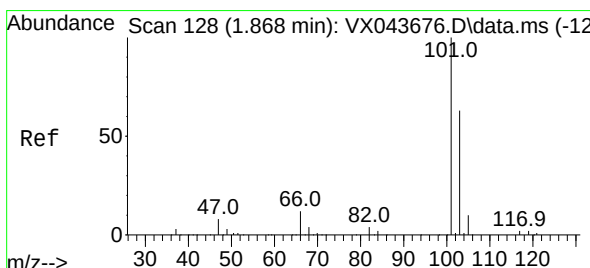
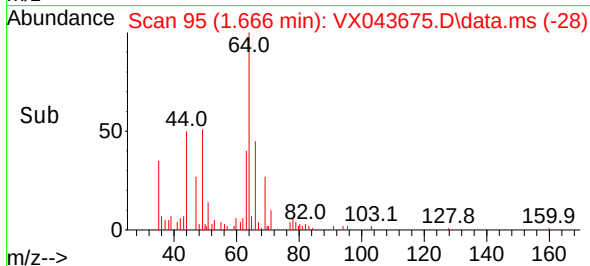
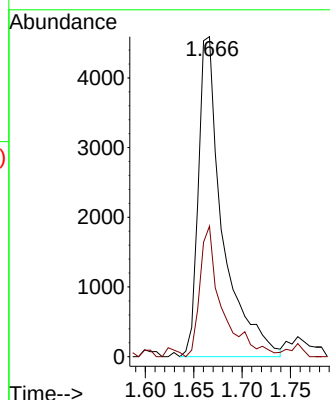
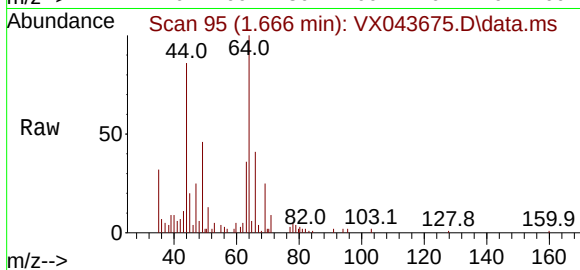
ClientSampleId :

Tgt Ion: 64 Resp: 8007

Ion Ratio Lower Upper

64 100

66 40.8 23.2 43.2



#9

Trichlorofluoromethane

Concen: 9.165 ug/L

RT: 1.867 min Scan# 128

Delta R.T. -0.000 min

Lab File: VX043675.D

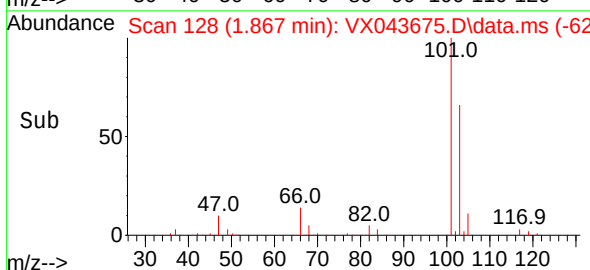
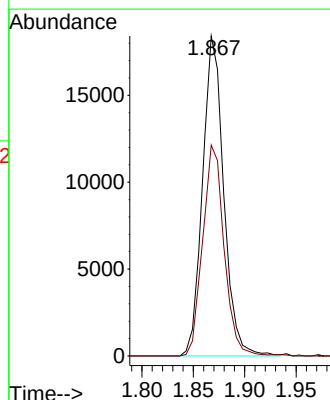
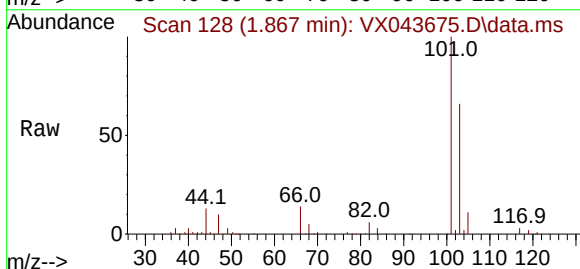
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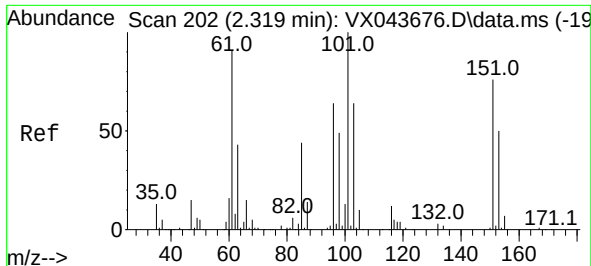
Tgt Ion:101 Resp: 26454

Ion Ratio Lower Upper

101 100

103 66.5 51.6 77.4





#10

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

Concen: 9.047 ug/L

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX043675.D

Acq: 04 Nov 2024 11:32

Instrument :

MSVOA_X

ClientSampleId :

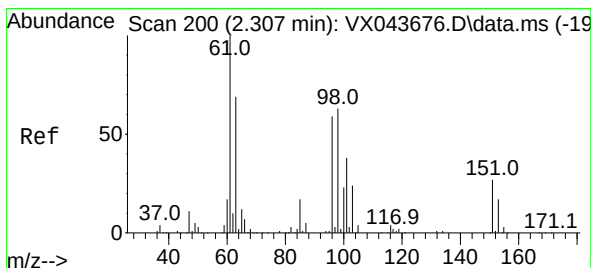
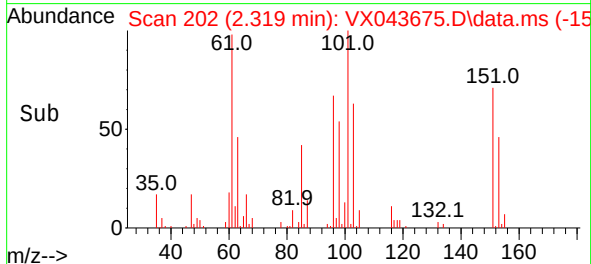
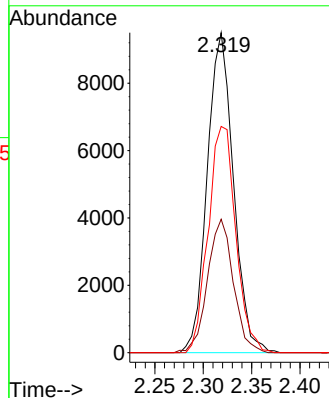
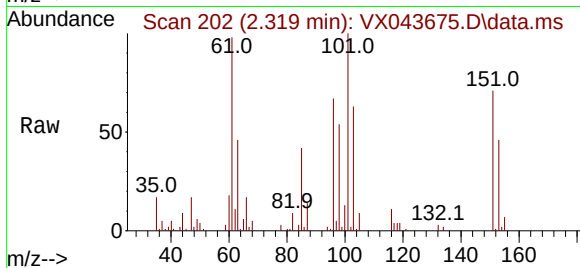
Tgt Ion:101 Resp: 17935

Ion Ratio Lower Upper

101 100

85 41.1 34.0 51.0

151 74.4 60.2 90.4



#12

1,1-Dichloroethene

Concen: 9.029 ug/L

RT: 2.306 min Scan# 200

Delta R.T. -0.000 min

Lab File: VX043675.D

Acq: 04 Nov 2024 11:32

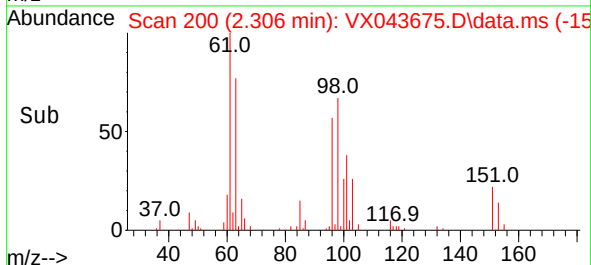
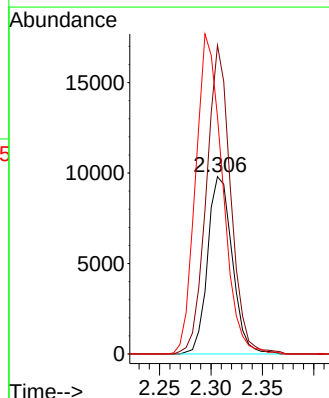
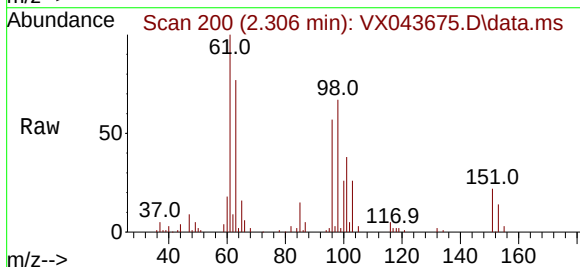
Tgt Ion: 96 Resp: 16341

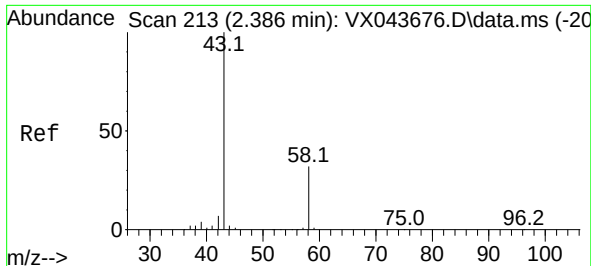
Ion Ratio Lower Upper

96 100

61 174.0 119.7 222.3

63 133.8 86.5 160.6

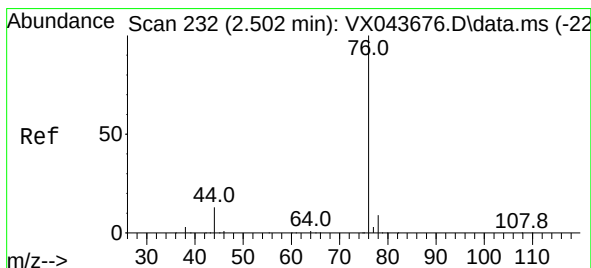
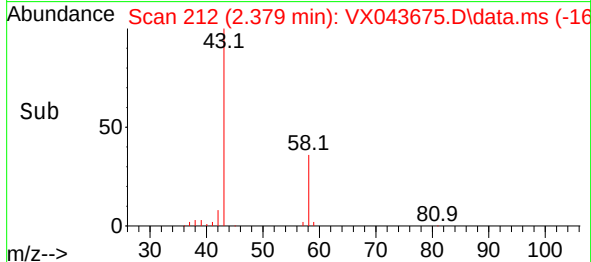
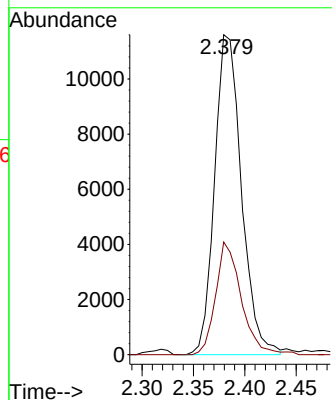
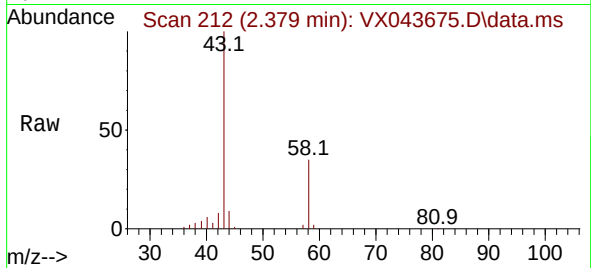




#13
Acetone
Concen: 19.142 ug/L
RT: 2.379 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX043675.D
Acq: 04 Nov 2024 11:32

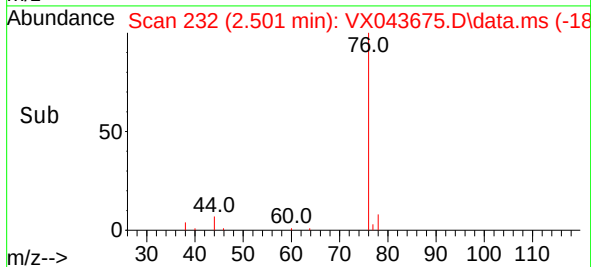
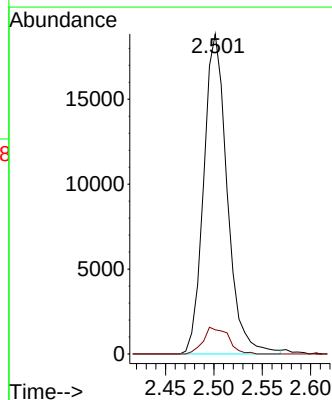
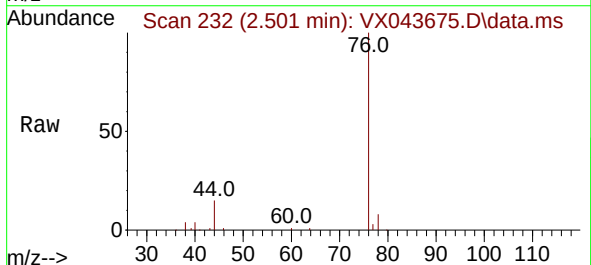
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ClientSampleId :

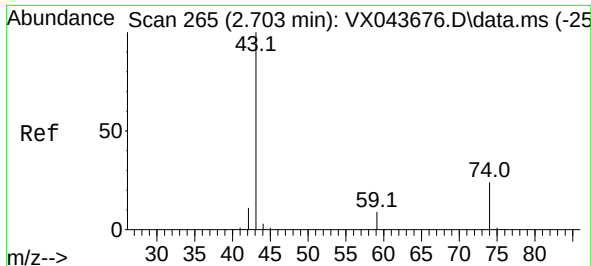
Tgt Ion: 43 Resp: 21069
Ion Ratio Lower Upper
43 100
58 33.3 0.0 63.6



#14
Carbon disulfide
Concen: 7.975 ug/L
RT: 2.501 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX043675.D
Acq: 04 Nov 2024 11:32

Tgt Ion: 76 Resp: 31907
Ion Ratio Lower Upper
76 100
78 7.6 7.3 10.9





#15

Methyl Acetate

Concen: 9.327 ug/L

RT: 2.703 min Scan# 2

Delta R.T. -0.000 min

Lab File: VX043675.D

Acq: 04 Nov 2024 11:32

Instrument :

MSVOA_X

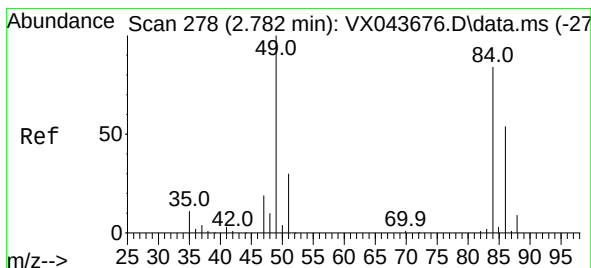
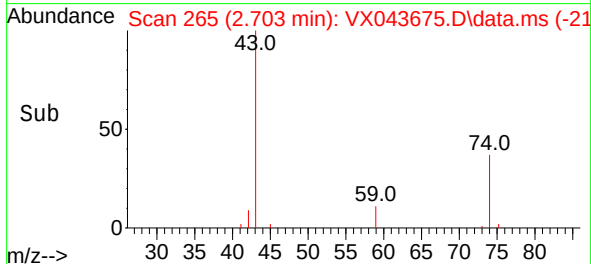
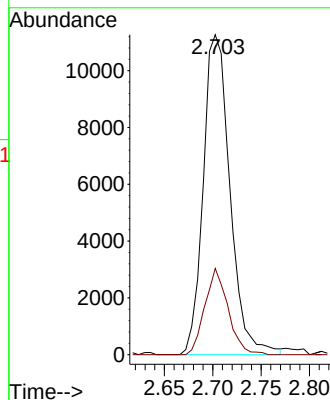
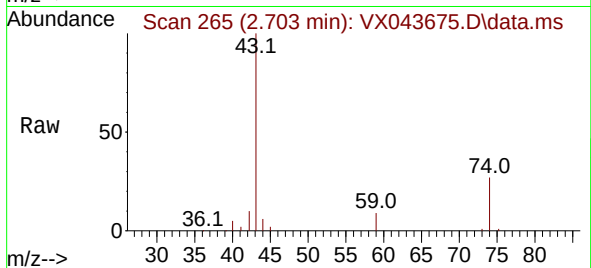
ClientSampleId :

Tgt Ion: 43 Resp: 21707

Ion Ratio Lower Upper

43 100

74 23.4 18.9 28.3



#16

Methylene chloride

Concen: 9.459 ug/L

RT: 2.782 min Scan# 278

Delta R.T. -0.000 min

Lab File: VX043675.D

Acq: 04 Nov 2024 11:32

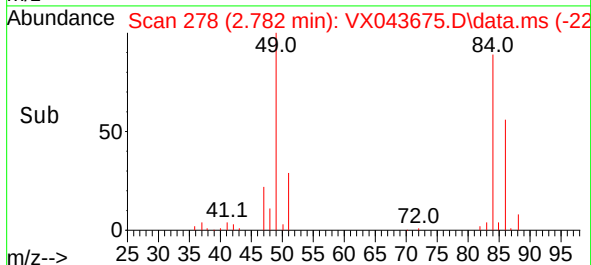
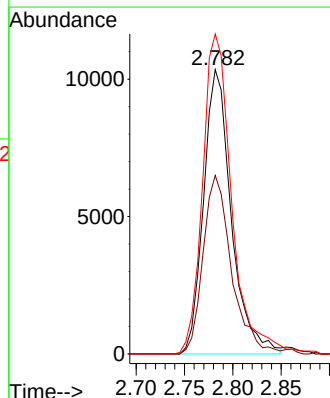
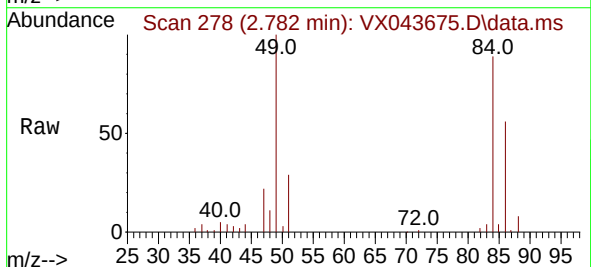
Tgt Ion: 84 Resp: 20683

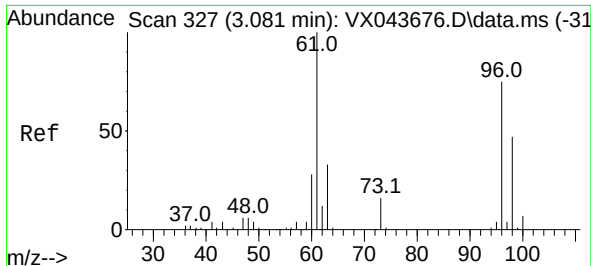
Ion Ratio Lower Upper

84 100

86 62.8 44.7 83.1

49 112.6 83.2 154.4





#17

trans-1,2-Dichloroethene

Concen: 9.063 ug/L

RT: 3.087 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX043675.D

Acq: 04 Nov 2024 11:32

Instrument :

MSVOA_X

ClientSampleId :

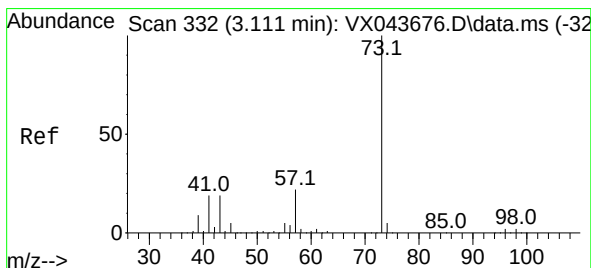
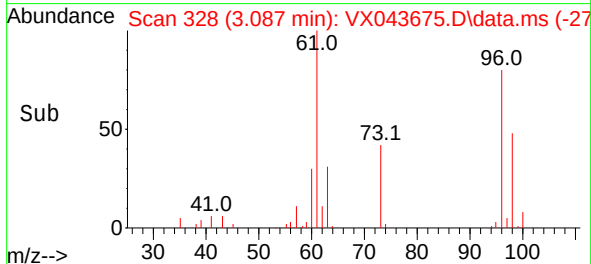
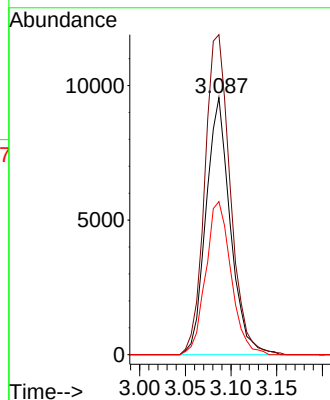
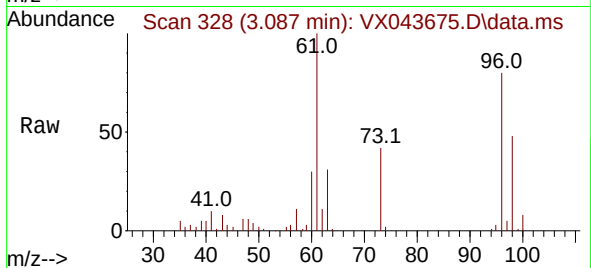
Tgt Ion: 96 Resp: 17645

Ion Ratio Lower Upper

96 100

61 124.5 93.4 173.6

98 59.6 44.1 81.9



#18

Methyl tert-butyl Ether

Concen: 9.191 ug/L

RT: 3.117 min Scan# 333

Delta R.T. 0.006 min

Lab File: VX043675.D

Acq: 04 Nov 2024 11:32

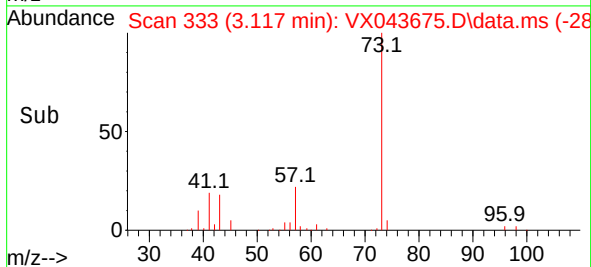
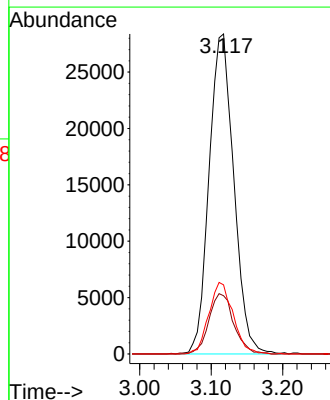
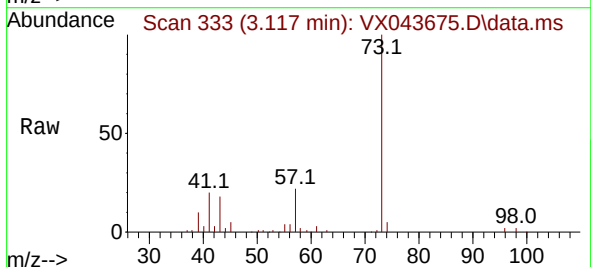
Tgt Ion: 73 Resp: 68029

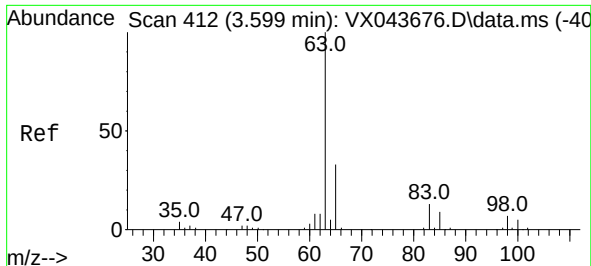
Ion Ratio Lower Upper

73 100

43 19.0 15.5 23.3

57 21.8 17.2 25.8





#19

1,1-Dichloroethane

Concen: 8.965 ug/L

RT: 3.605 min Scan# 41

Delta R.T. 0.006 min

Lab File: VX043675.D

Acq: 04 Nov 2024 11:32

Instrument :

MSVOA_X

ClientSampleId :

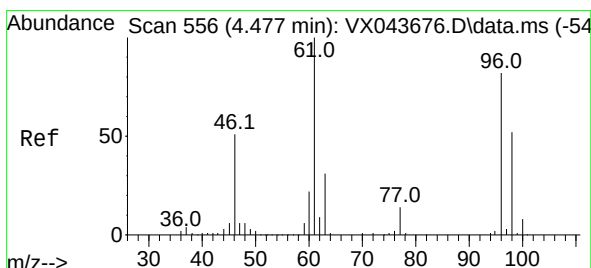
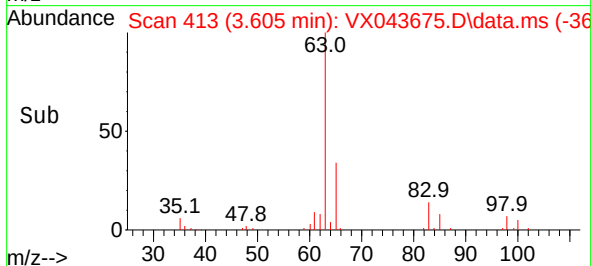
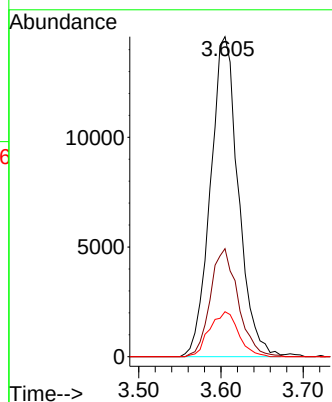
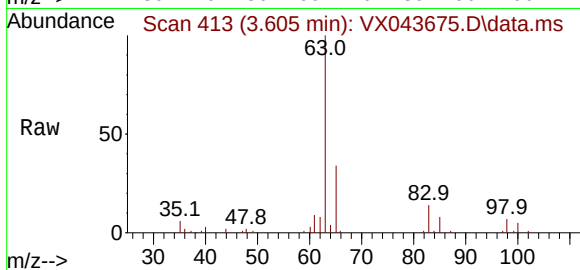
Tgt Ion: 63 Resp: 34372

Ion Ratio Lower Upper

63 100

65 33.8 23.2 43.2

83 14.0 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 9.113 ug/L

RT: 4.483 min Scan# 557

Delta R.T. 0.006 min

Lab File: VX043675.D

Acq: 04 Nov 2024 11:32

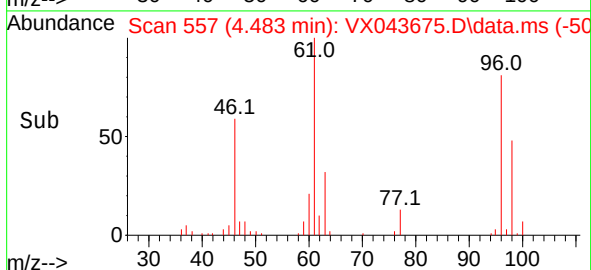
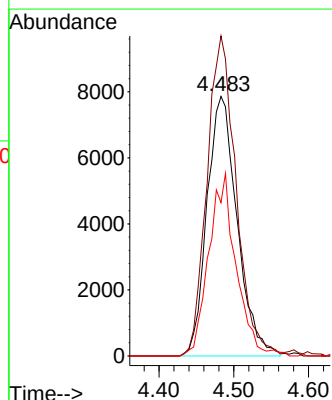
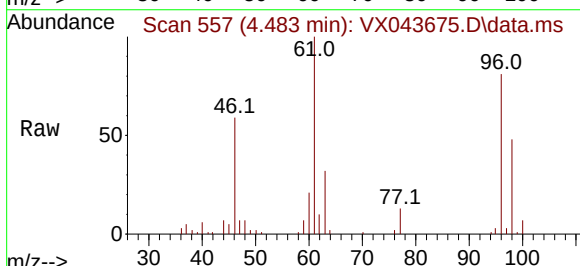
Tgt Ion: 96 Resp: 22039

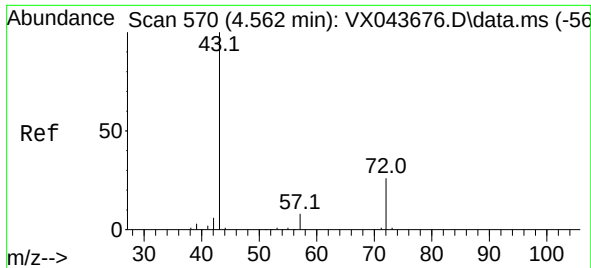
Ion Ratio Lower Upper

96 100

61 123.3 85.2 158.2

98 59.1 44.6 82.8

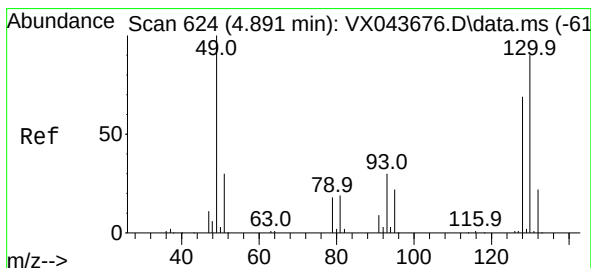
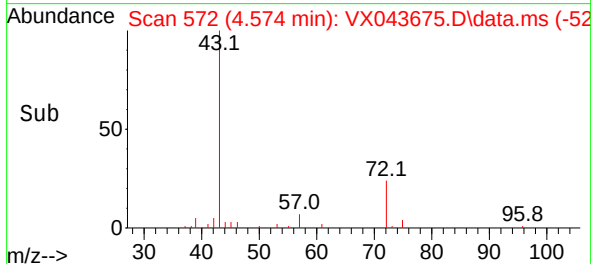
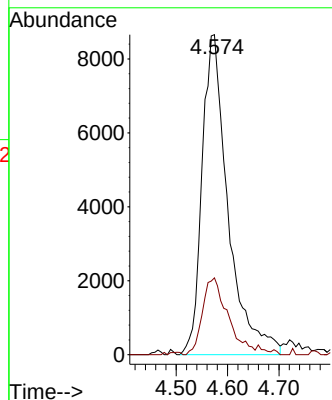
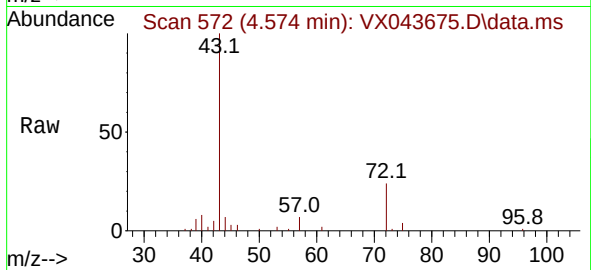




#22
2-Butanone
Concen: 19.425 ug/L
RT: 4.574 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX043675.D
Acq: 04 Nov 2024 11:32

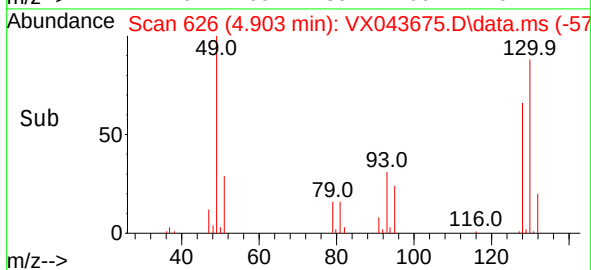
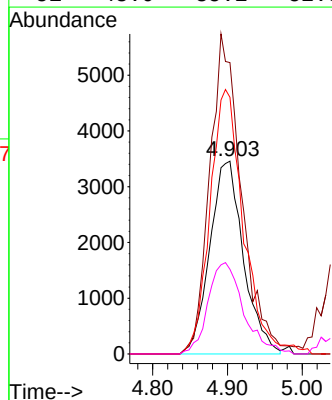
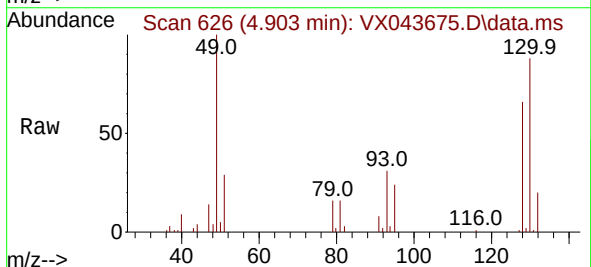
Instrument :
MSVOA_X
ClientSampleId :

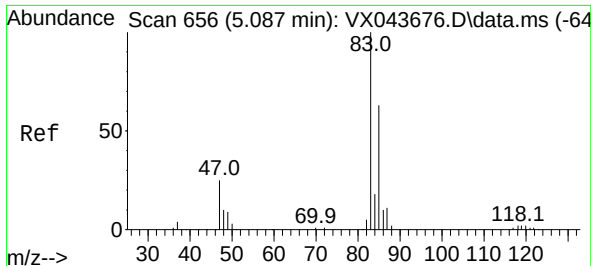
Tgt Ion: 43 Resp: 30458
Ion Ratio Lower Upper
43 100
72 22.1 13.6 40.8



#23
Bromochloromethane
Concen: 8.910 ug/L
RT: 4.903 min Scan# 626
Delta R.T. 0.012 min
Lab File: VX043675.D
Acq: 04 Nov 2024 11:32

Tgt Ion: 128 Resp: 10831
Ion Ratio Lower Upper
128 100
49 151.1 101.4 188.4
130 133.1 91.5 169.9
51 43.9 35.2 52.8





#25

Chloroform

Concen: 9.265 ug/L

RT: 5.086 min Scan# 60

Delta R.T. -0.000 min

Lab File: VX043675.D

Acq: 04 Nov 2024 11:32

Instrument :

MSVOA_X

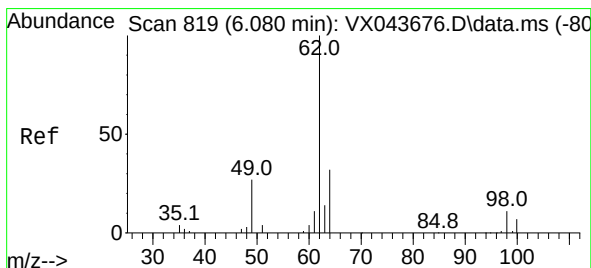
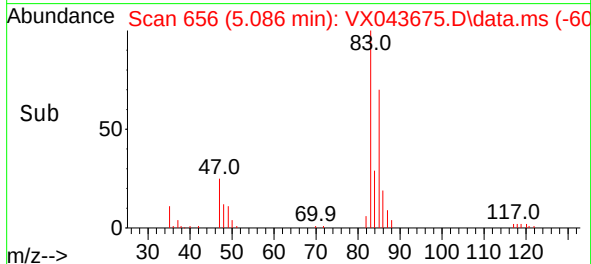
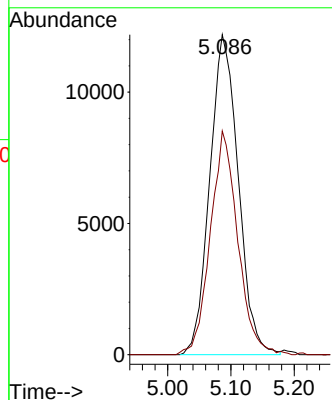
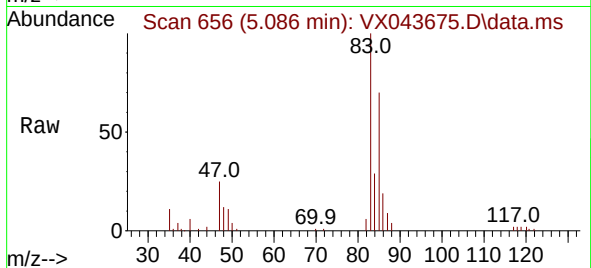
ClientSampleId :

Tgt Ion: 83 Resp: 38119

Ion Ratio Lower Upper

83 100

85 69.9 44.4 82.4



#27

1,2-Dichloroethane

Concen: 9.006 ug/L

RT: 6.086 min Scan# 820

Delta R.T. 0.006 min

Lab File: VX043675.D

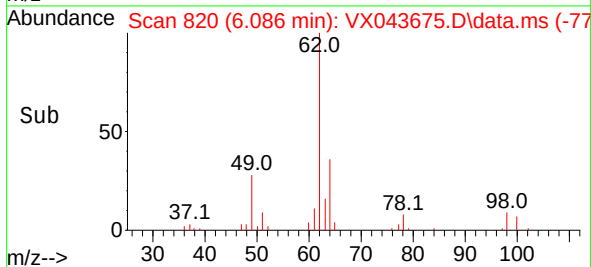
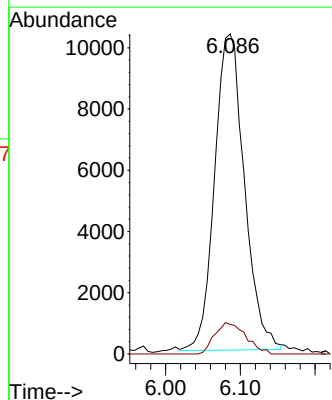
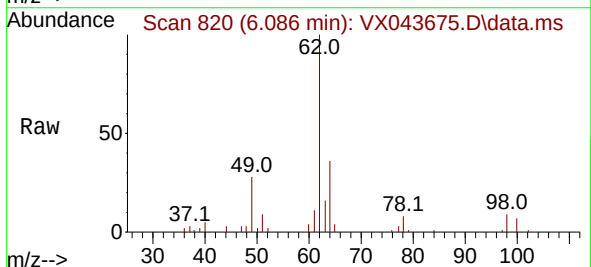
Acq: 04 Nov 2024 11:32

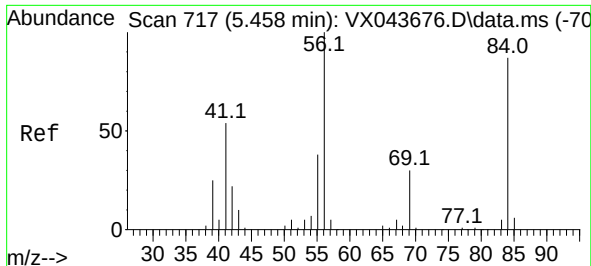
Tgt Ion: 62 Resp: 28638

Ion Ratio Lower Upper

62 100

98 9.3 9.0 13.6





#29

Cyclohexane

Concen: 9.087 ug/L

RT: 5.458 min Scan# 717

Delta R.T. -0.000 min MSVOA_X

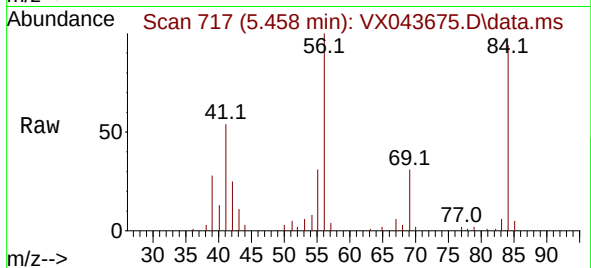
Lab File: VX043675.D

Acq: 04 Nov 2024 11:32

Instrument :

MSVOA_X

ClientSampleId :



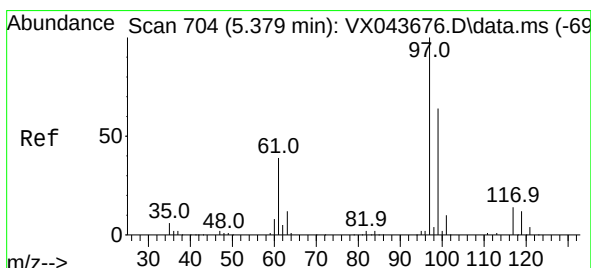
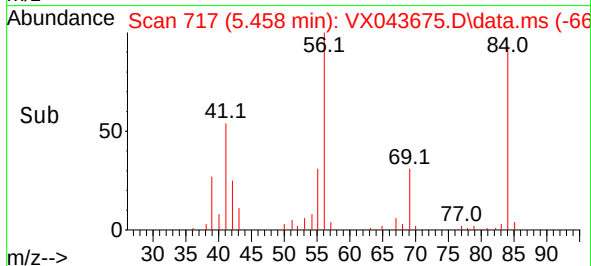
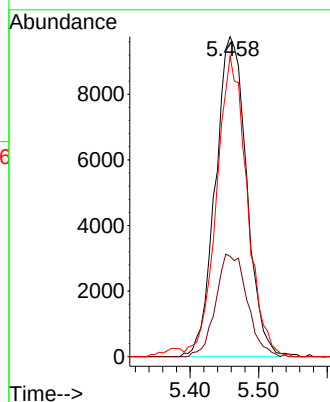
Tgt Ion: 56 Resp: 30799

Ion Ratio Lower Upper

56 100

69 19.9 25.2 37.8#

84 92.0 72.9 109.3



#30

1,1,1-Trichloroethane

Concen: 8.841 ug/L

RT: 5.373 min Scan# 703

Delta R.T. -0.006 min

Lab File: VX043675.D

Acq: 04 Nov 2024 11:32

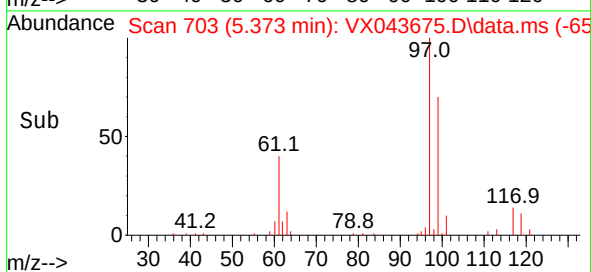
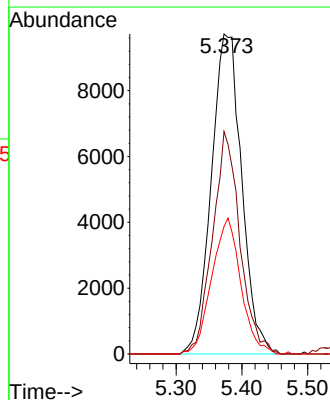
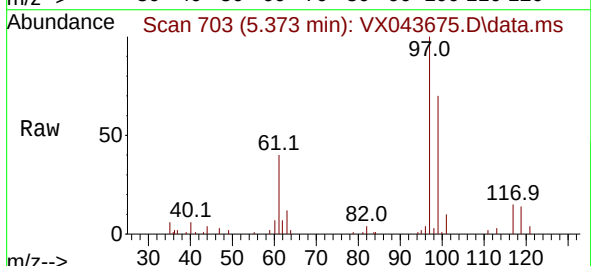
Tgt Ion: 97 Resp: 31285

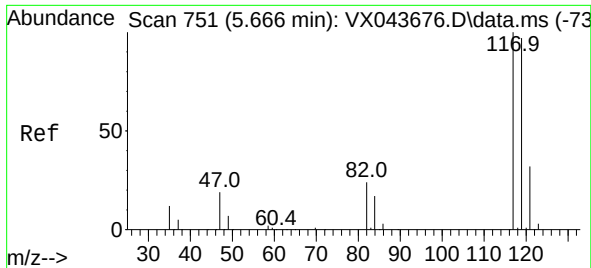
Ion Ratio Lower Upper

97 100

99 61.6 51.0 76.6

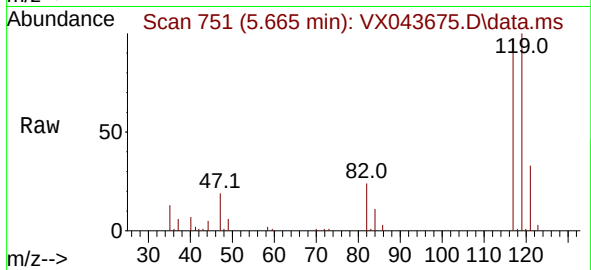
61 40.6 32.6 49.0



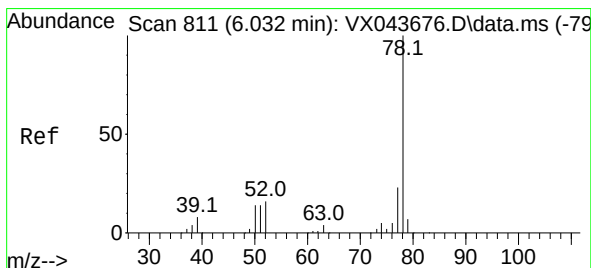
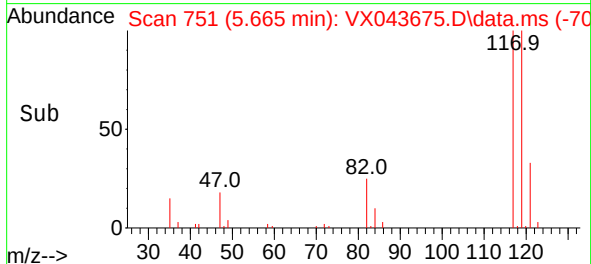
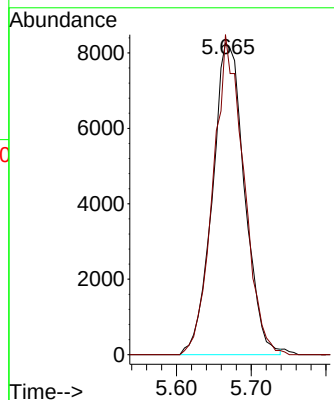


#31
Carbon tetrachloride
Concen: 8.511 ug/L
RT: 5.665 min Scan# 751
Delta R.T. -0.000 min
Lab File: VX043675.D
Acq: 04 Nov 2024 11:32

Instrument :
MSVOA_X
ClientSampleId :

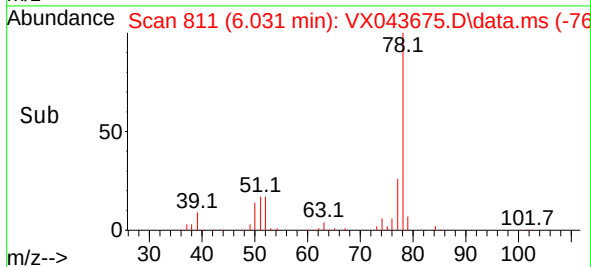
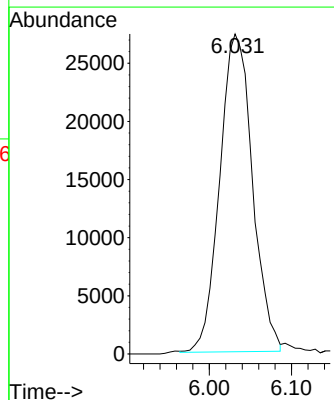
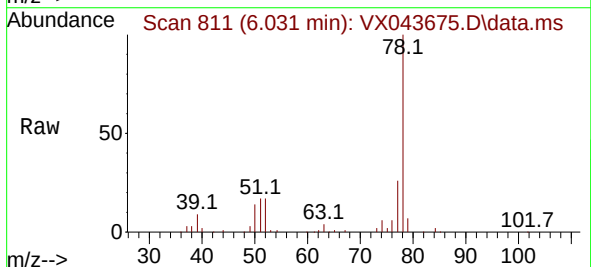


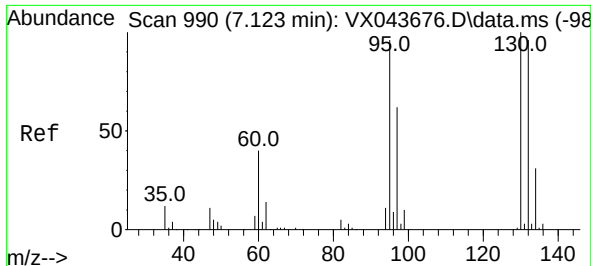
Tgt Ion:117 Resp: 24706
Ion Ratio Lower Upper
117 100
119 97.8 77.4 116.0



#33
Benzene
Concen: 9.081 ug/L
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX043675.D
Acq: 04 Nov 2024 11:32

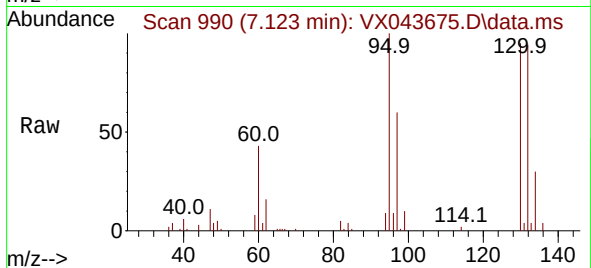
Tgt Ion: 78 Resp: 75610



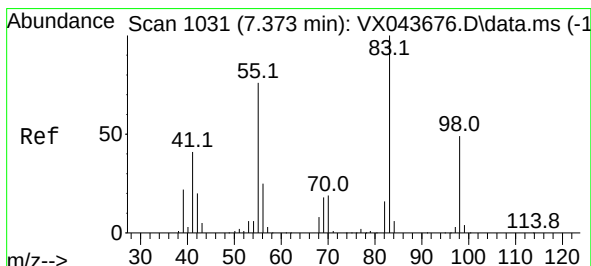
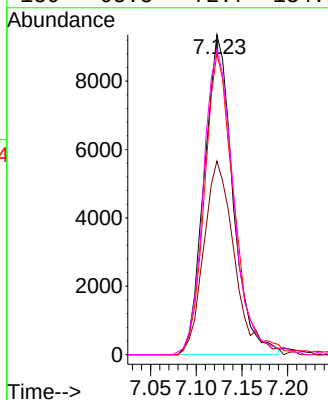
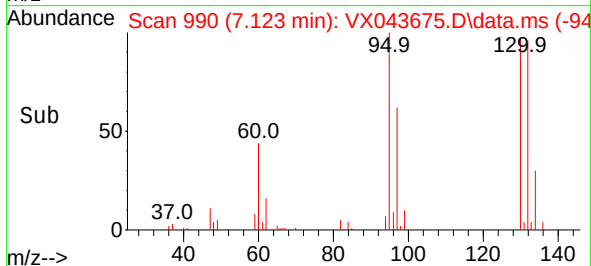


#34
Trichloroethene
Concen: 9.101 ug/L
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX043675.D
Acq: 04 Nov 2024 11:32

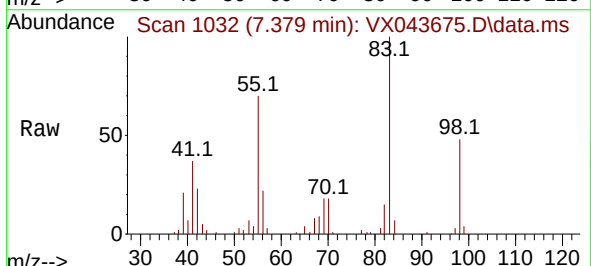
Instrument :
MSVOA_X
ClientSampleId :



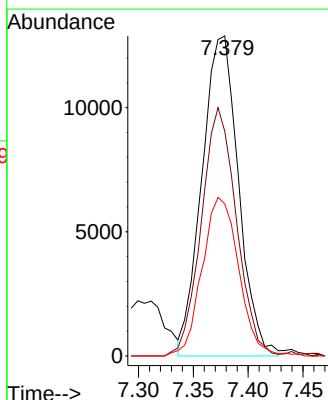
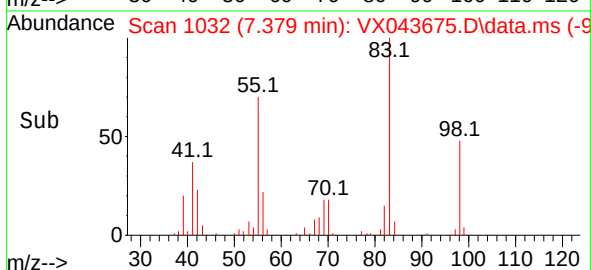
Tgt Ion: 95 Resp: 20372
Ion Ratio Lower Upper
95 100
97 60.5 45.4 84.2
132 94.2 69.7 129.5
130 95.3 72.7 134.9

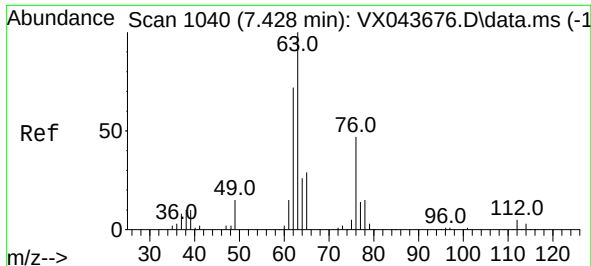


#35
Methylcyclohexane
Concen: 8.963 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. 0.006 min
Lab File: VX043675.D
Acq: 04 Nov 2024 11:32



Tgt Ion: 83 Resp: 29975
Ion Ratio Lower Upper
83 100
55 74.3 58.6 88.0
98 49.6 39.0 58.4

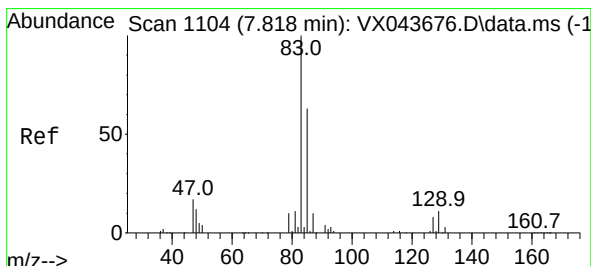
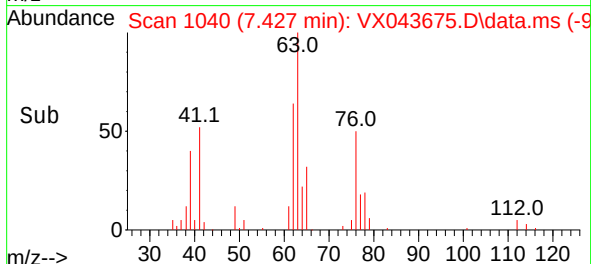
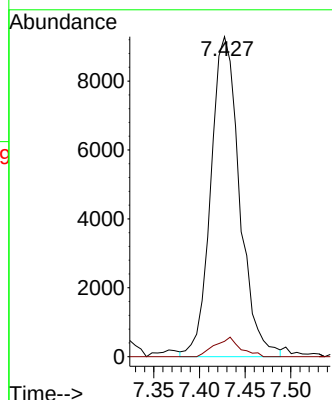
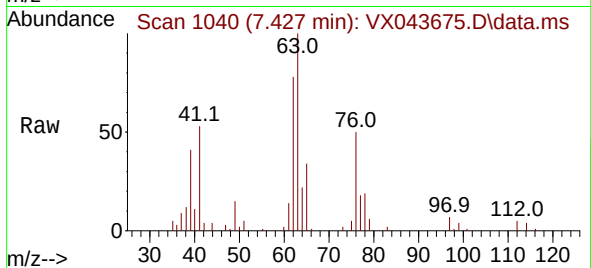




#37
1,2-Dichloropropane
Concen: 9.191 ug/L
RT: 7.427 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX043675.D
Acq: 04 Nov 2024 11:32

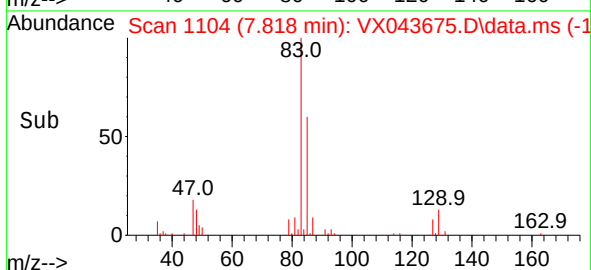
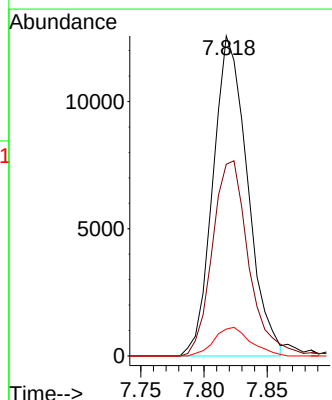
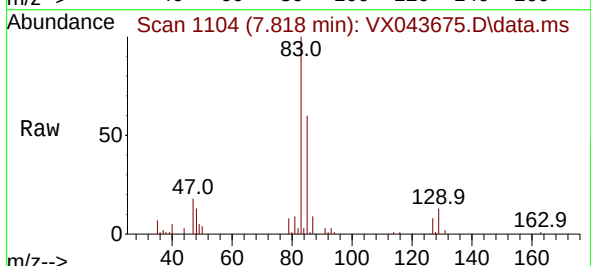
Instrument :
MSVOA_X
ClientSampleId :

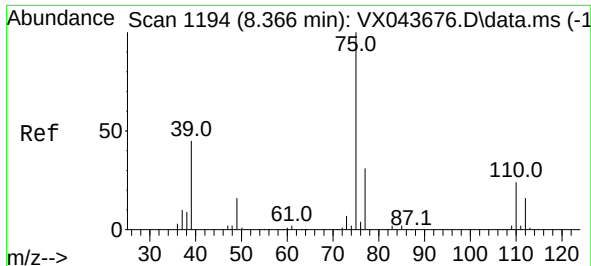
Tgt Ion: 63 Resp: 20384
Ion Ratio Lower Upper
63 100
112 5.3 3.8 5.8



#38
Bromodichloromethane
Concen: 8.445 ug/L
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX043675.D
Acq: 04 Nov 2024 11:32

Tgt Ion: 83 Resp: 23821
Ion Ratio Lower Upper
83 100
85 59.9 43.8 81.3
127 8.4 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 8.655 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX043675.D

Acq: 04 Nov 2024 11:32

Instrument :

MSVOA_X

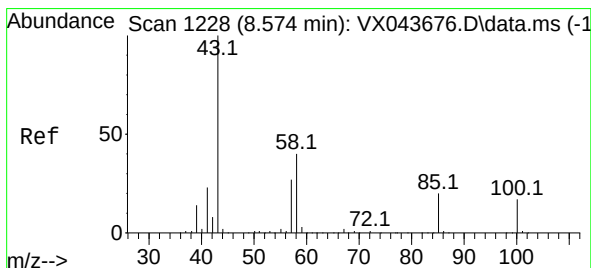
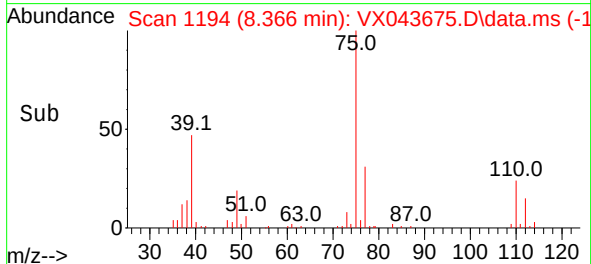
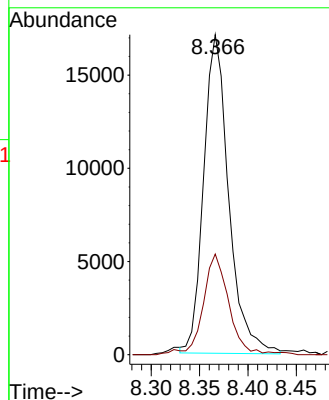
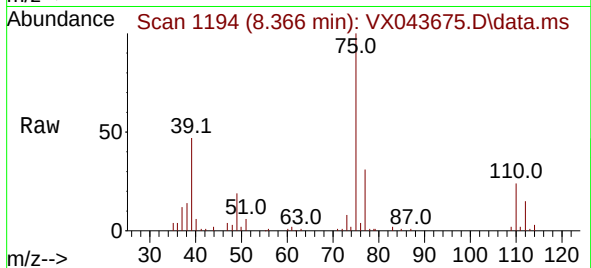
ClientSampleId :

Tgt Ion: 75 Resp: 30839

Ion Ratio Lower Upper

75 100

77 31.4 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 18.062 ug/L

RT: 8.573 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX043675.D

Acq: 04 Nov 2024 11:32

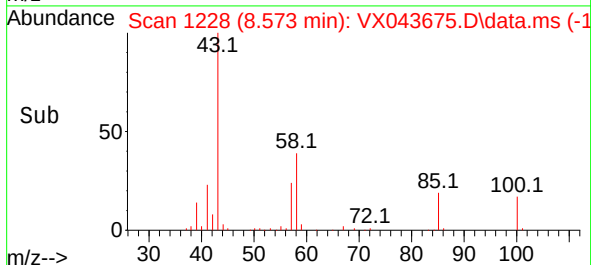
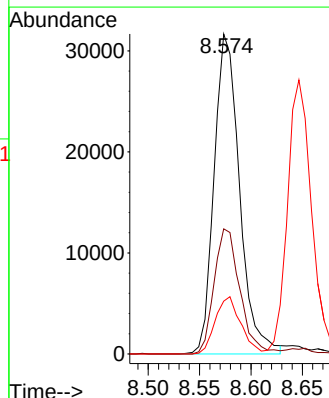
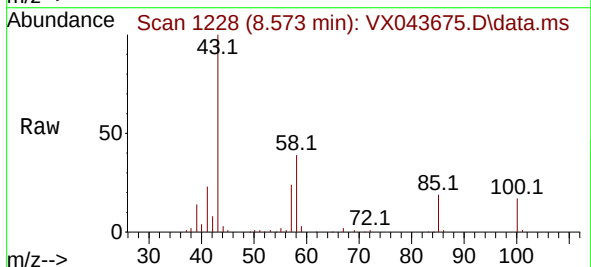
Tgt Ion: 43 Resp: 54521

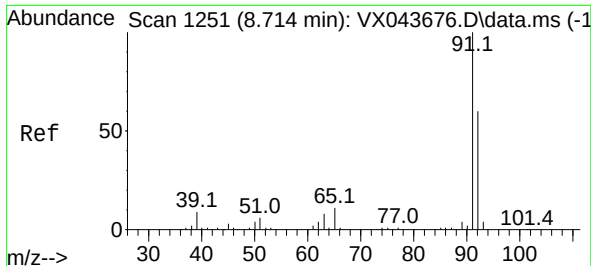
Ion Ratio Lower Upper

43 100

58 39.6 31.6 47.4

100 17.9 13.8 20.6





#42

Toluene

Concen: 9.333 ug/L

RT: 8.714 min Scan# 1251

Delta R.T. -0.000 min

Lab File: VX043675.D

Acq: 04 Nov 2024 11:32

Instrument :

MSVOA_X

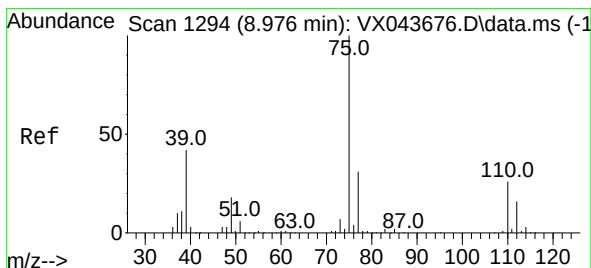
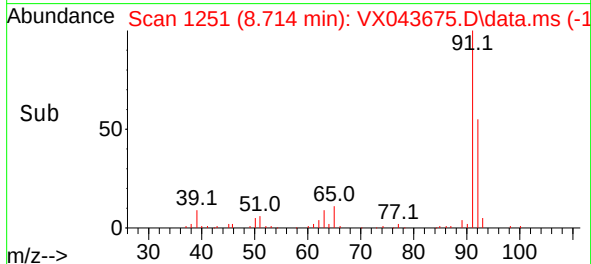
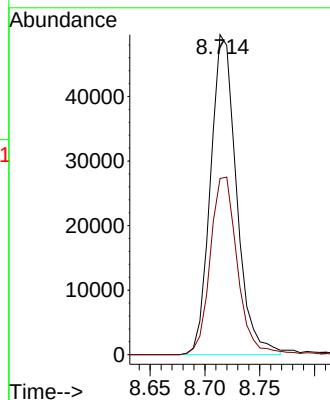
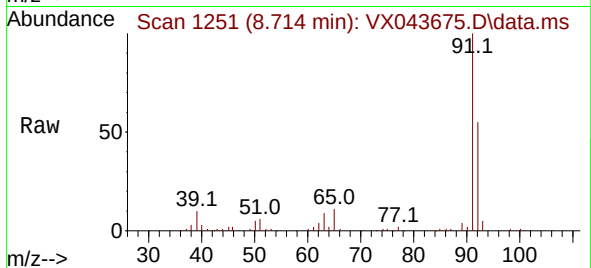
ClientSampleId :

Tgt Ion: 91 Resp: 81730

Ion Ratio Lower Upper

91 100

92 55.0 41.6 77.3



#44

trans-1,3-Dichloropropene

Concen: 8.757 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX043675.D

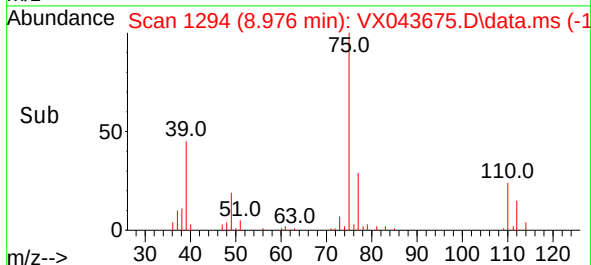
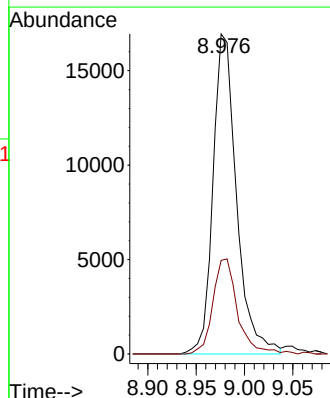
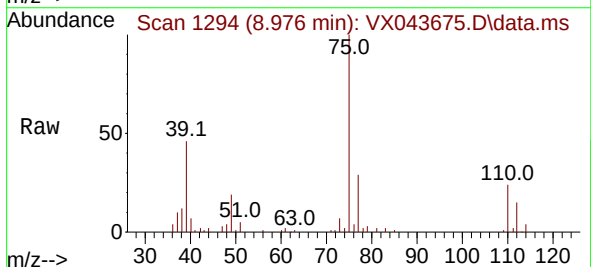
Acq: 04 Nov 2024 11:32

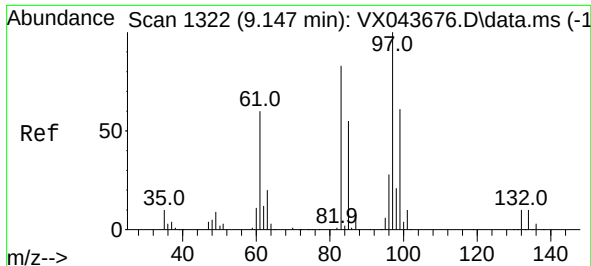
Tgt Ion: 75 Resp: 28677

Ion Ratio Lower Upper

75 100

77 29.3 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 9.447 ug/L

RT: 9.153 min Scan# 1323

Delta R.T. 0.006 min

Lab File: VX043675.D

Acq: 04 Nov 2024 11:32

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 21485

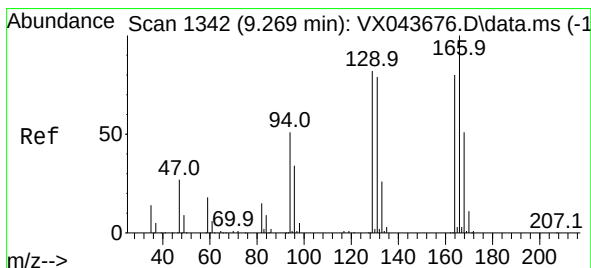
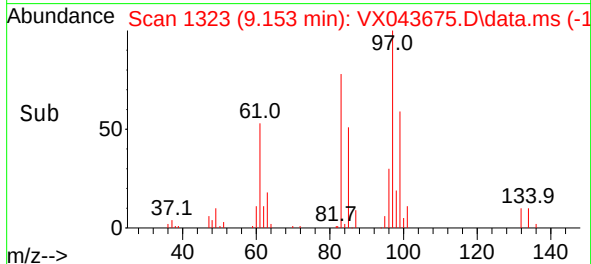
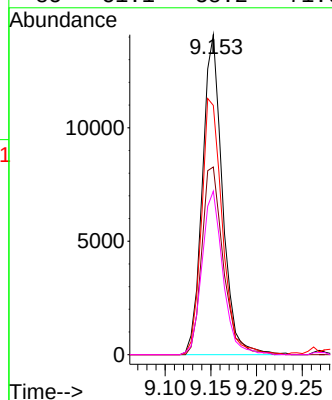
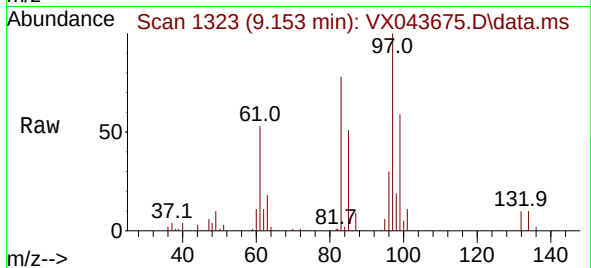
Ion Ratio Lower Upper

97 100

99 58.6 42.8 79.4

83 77.9 58.4 108.4

85 51.1 38.2 71.0



#46

Tetrachloroethene

Concen: 9.013 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VX043675.D

Acq: 04 Nov 2024 11:32

Tgt Ion:164 Resp: 14522

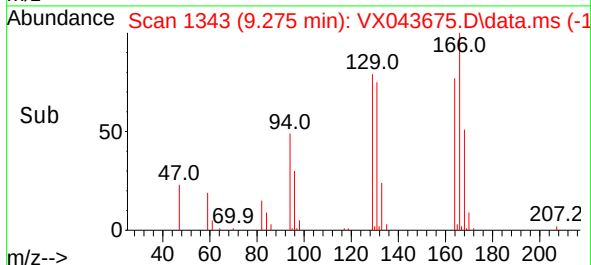
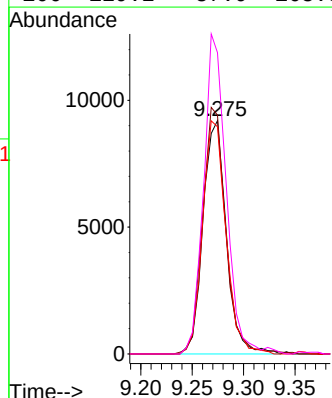
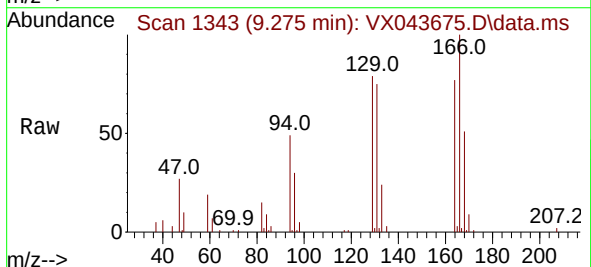
Ion Ratio Lower Upper

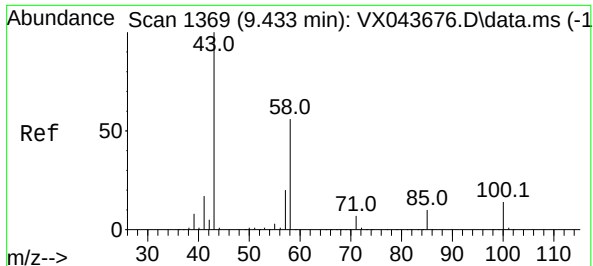
164 100

129 102.4 72.2 134.2

131 97.4 69.0 128.2

166 129.2 87.9 163.3





#48

2-Hexanone

Concen: 18.009 ug/L

RT: 9.433 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VX043675.D

Acq: 04 Nov 2024 11:32

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 43 Resp: 40635

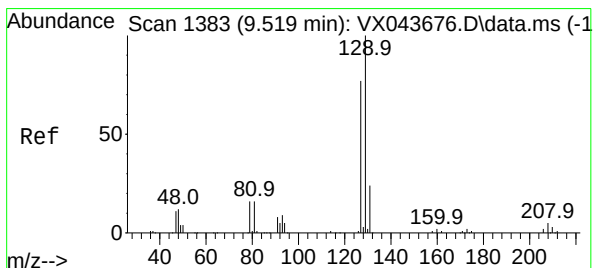
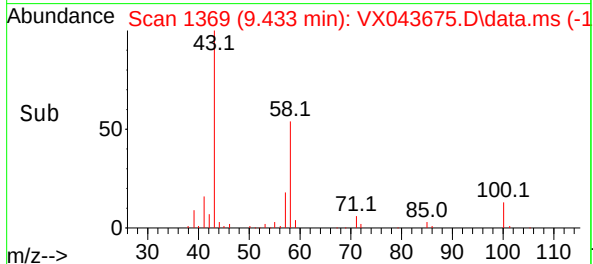
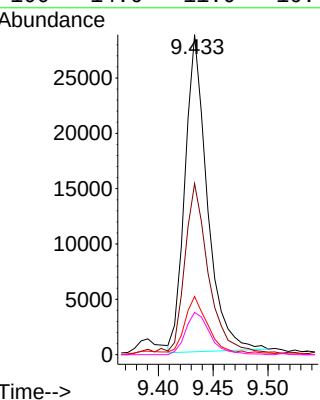
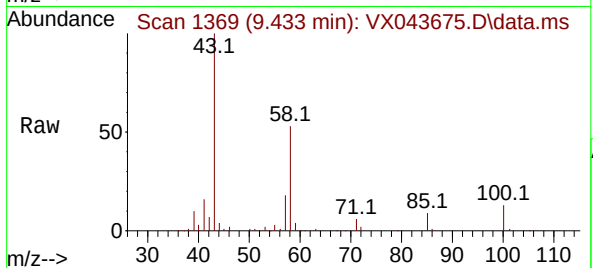
Ion Ratio Lower Upper

43 100

58 58.1 44.6 67.0

57 19.5 15.7 23.5

100 14.6 11.0 16.4



#49

Dibromochloromethane

Concen: 8.406 ug/L

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX043675.D

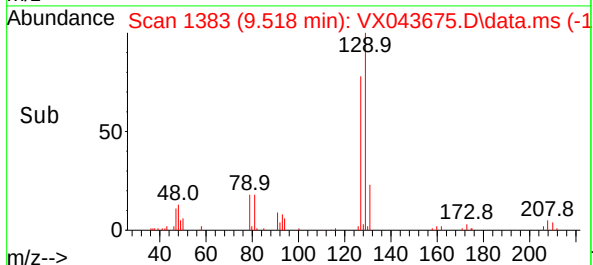
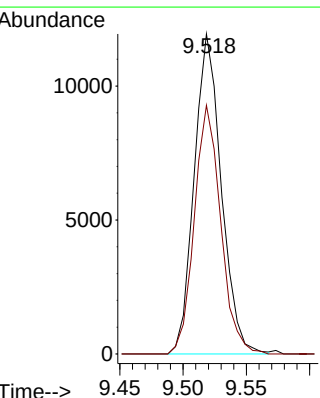
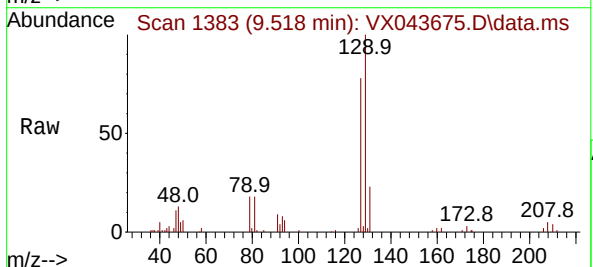
Acq: 04 Nov 2024 11:32

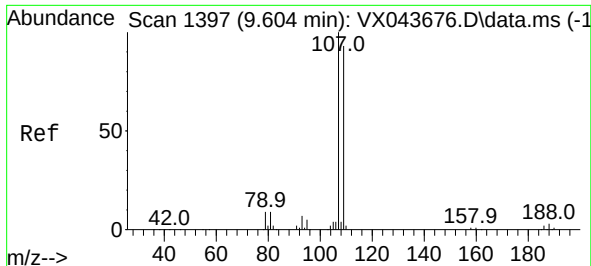
Tgt Ion:129 Resp: 17819

Ion Ratio Lower Upper

129 100

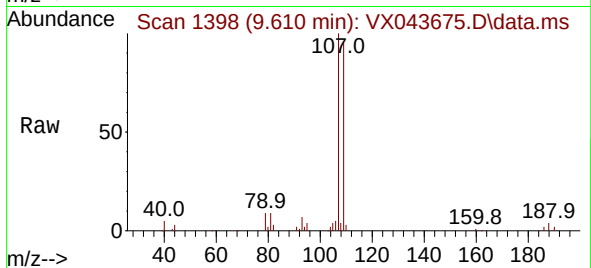
127 77.7 54.2 100.6



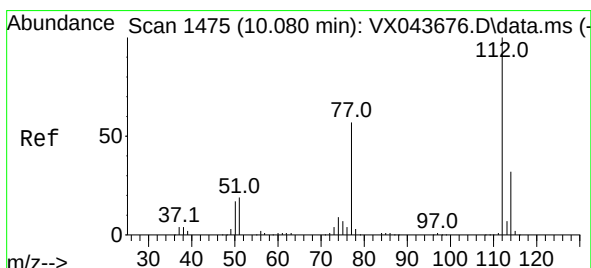
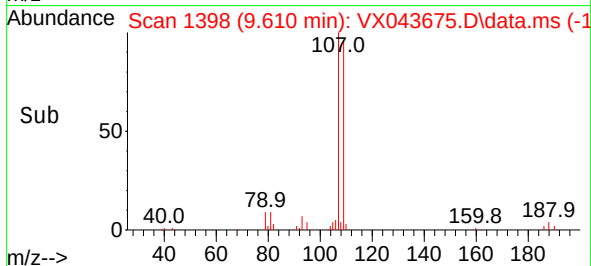
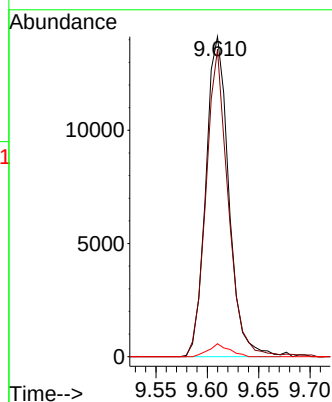


#50
1,2-Dibromoethane
Concen: 9.370 ug/L
RT: 9.610 min Scan# 1397
Delta R.T. 0.006 min
Lab File: VX043675.D
Acq: 04 Nov 2024 11:32

Instrument :
MSVOA_X
ClientSampleId :

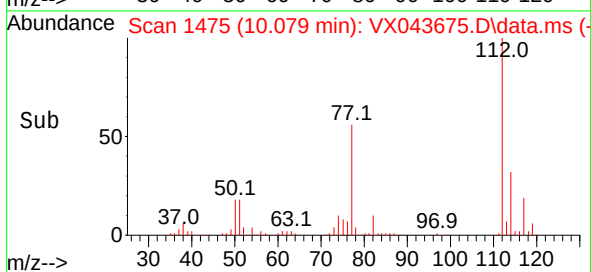
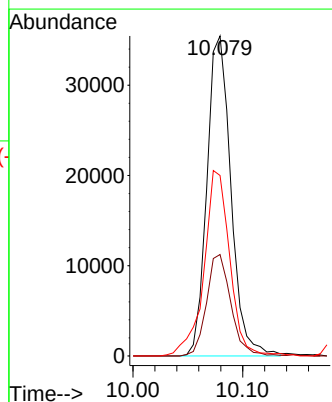
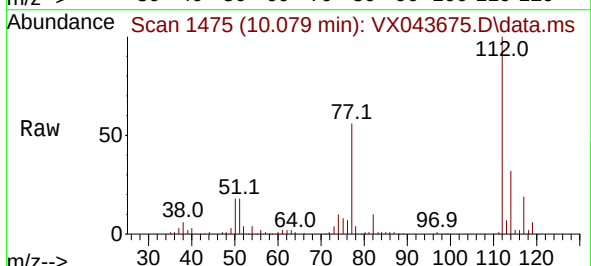


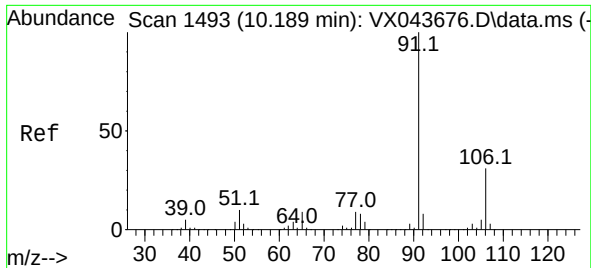
Tgt Ion:107 Resp: 22002
Ion Ratio Lower Upper
107 100
109 96.0 64.9 120.5
188 4.0 2.6 4.0#



#51
Chlorobenzene
Concen: 9.436 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX043675.D
Acq: 04 Nov 2024 11:32

Tgt Ion:112 Resp: 54005
Ion Ratio Lower Upper
112 100
114 31.7 22.6 42.0
77 56.4 45.9 68.9





#52

Ethylbenzene

Concen: 9.307 ug/L

RT: 10.195 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VX043675.D

Acq: 04 Nov 2024 11:32

Instrument :

MSVOA_X

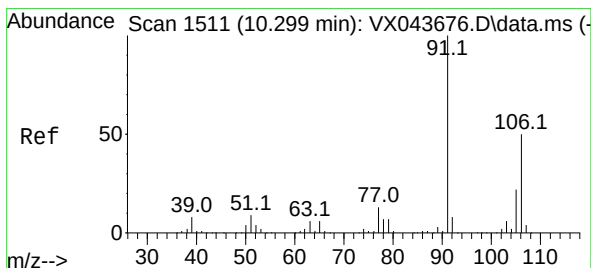
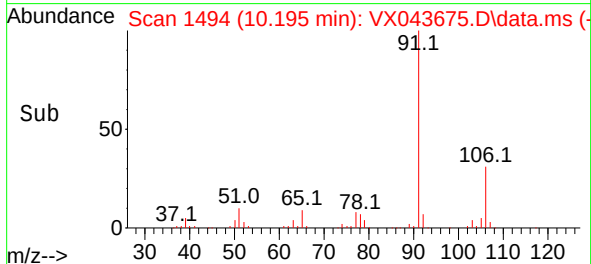
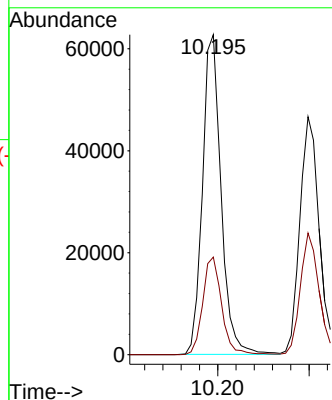
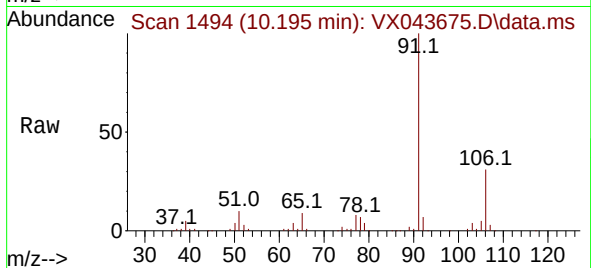
ClientSampleId :

Tgt Ion: 91 Resp: 88595

Ion Ratio Lower Upper

91 100

106 30.5 21.9 40.7



#53

m,p-Xylene

Concen: 9.466 ug/L

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX043675.D

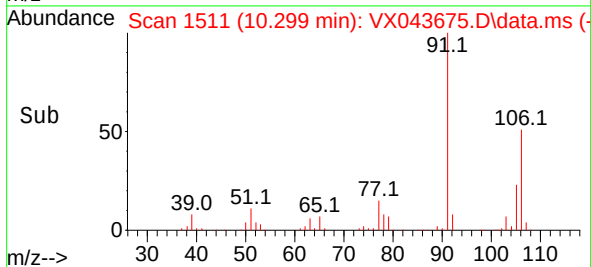
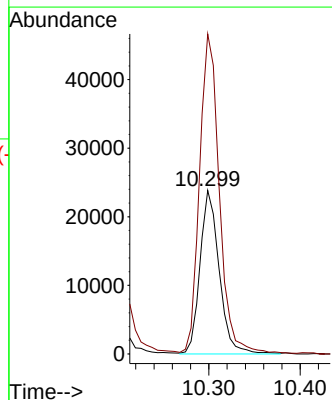
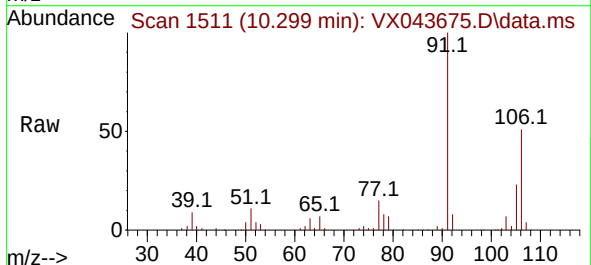
Acq: 04 Nov 2024 11:32

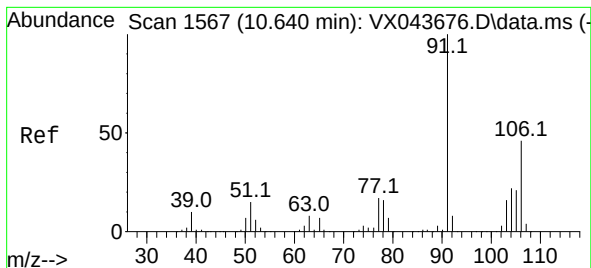
Tgt Ion:106 Resp: 34784

Ion Ratio Lower Upper

106 100

91 195.7 140.6 261.2





#54

o-Xylene

Concen: 9.402 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX043675.D

Acq: 04 Nov 2024 11:32

Instrument :

MSVOA_X

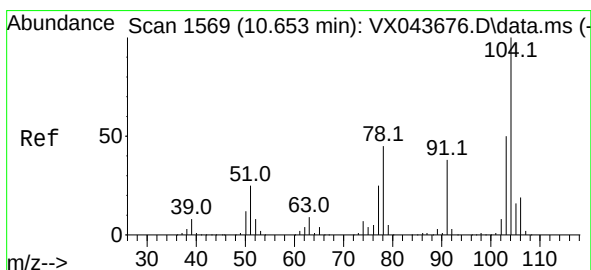
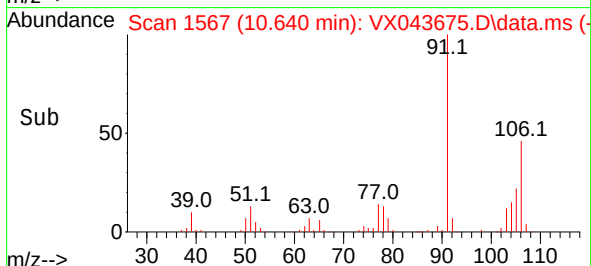
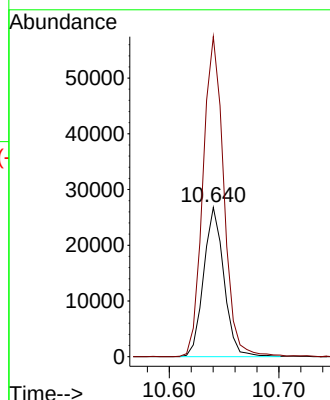
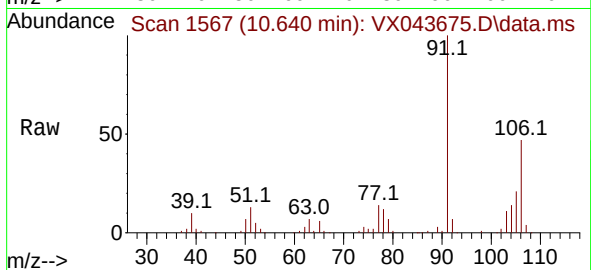
ClientSampleId :

Tgt Ion:106 Resp: 34441

Ion Ratio Lower Upper

106 100

91 214.3 151.9 282.1



#55

Styrene

Concen: 8.968 ug/L

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX043675.D

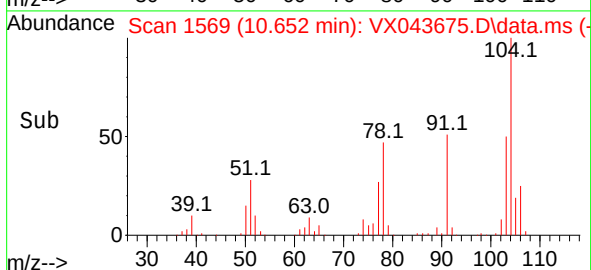
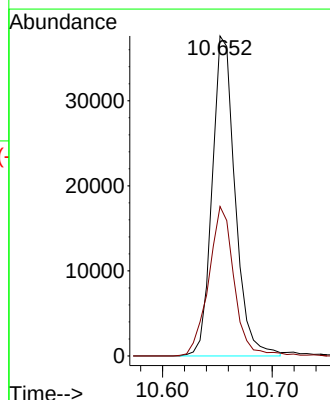
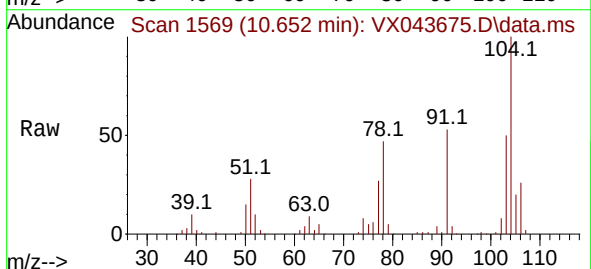
Acq: 04 Nov 2024 11:32

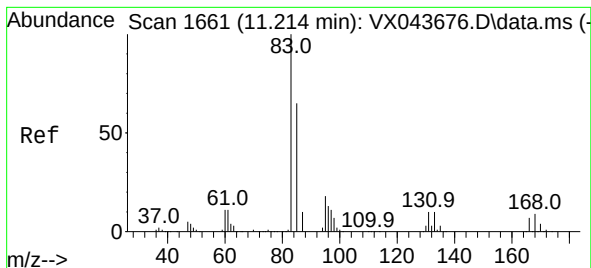
Tgt Ion:104 Resp: 54648

Ion Ratio Lower Upper

104 100

78 46.7 31.6 58.6

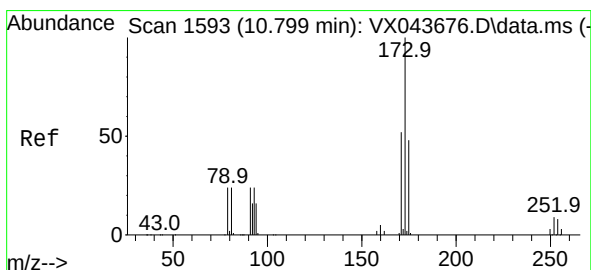
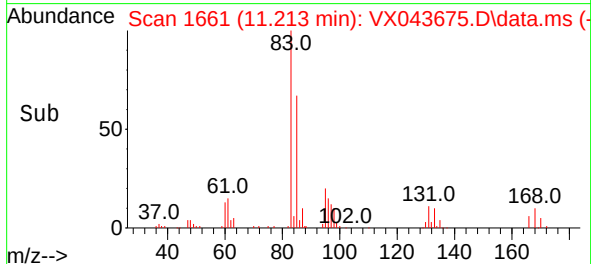
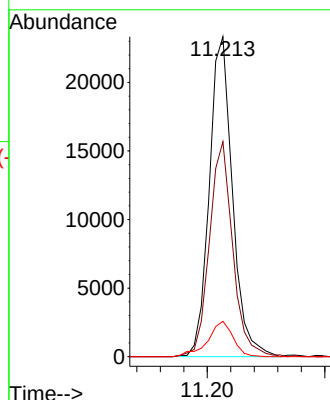
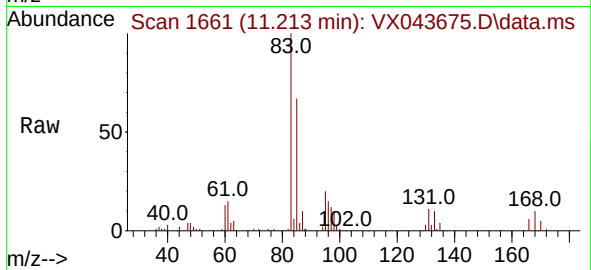




#57
1,1,2,2-Tetrachloroethane
Concen: 9.362 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX043675.D
Acq: 04 Nov 2024 11:32

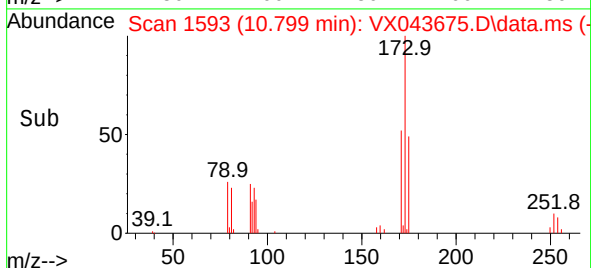
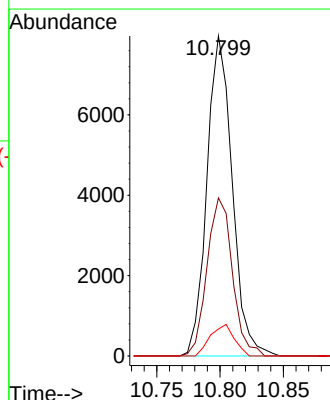
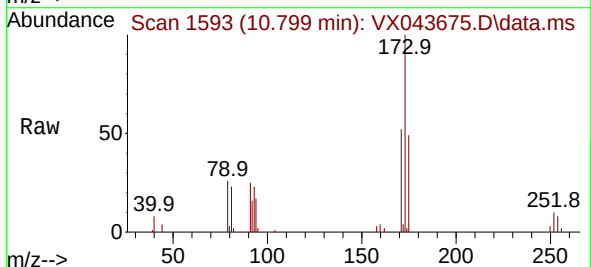
Instrument :
MSVOA_X
ClientSampleId :

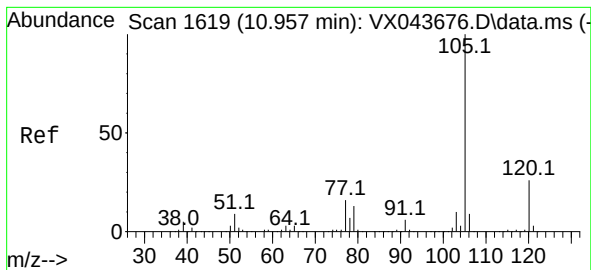
Tgt Ion: 83 Resp: 31887
Ion Ratio Lower Upper
83 100
85 67.2 45.2 84.0
131 11.0 8.3 12.5



#59
Bromoform
Concen: 8.171 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX043675.D
Acq: 04 Nov 2024 11:32

Tgt Ion: 173 Resp: 11095
Ion Ratio Lower Upper
173 100
175 49.6 37.0 55.6
254 9.3 6.4 9.6





#60

Isopropylbenzene

Concen: 9.779 ug/L

RT: 10.963 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX043675.D

Acq: 04 Nov 2024 11:32

Instrument :

MSVOA_X

ClientSampleId :

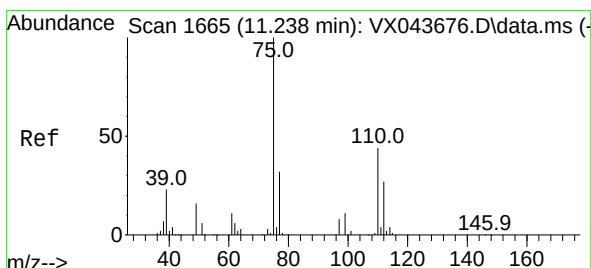
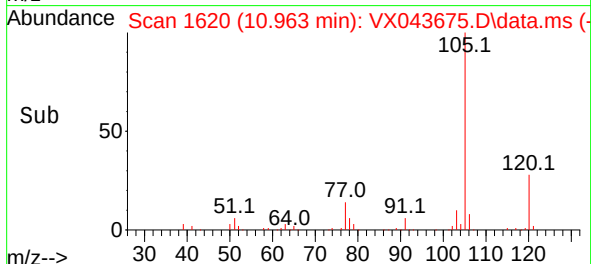
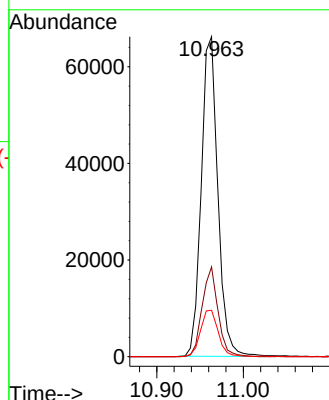
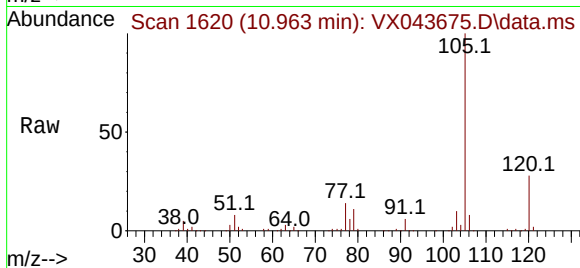
Tgt Ion:105 Resp: 88020

Ion Ratio Lower Upper

105 100

120 26.8 21.1 31.7

77 15.6 12.3 18.5



#61

1,2,3-Trichloropropane

Concen: 10.175 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX043675.D

Acq: 04 Nov 2024 11:32

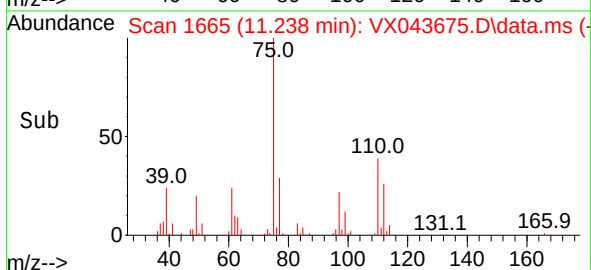
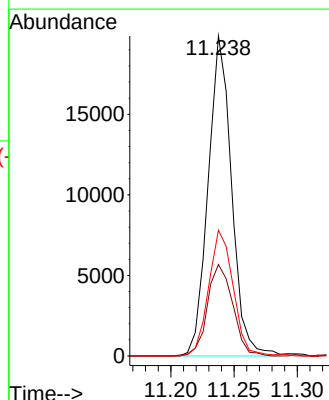
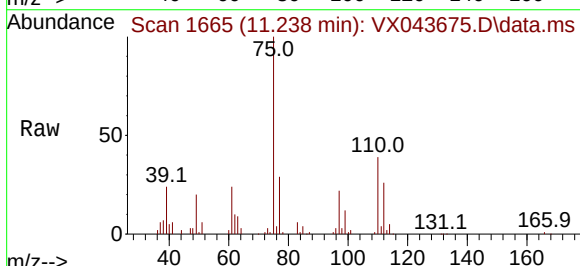
Tgt Ion: 75 Resp: 25639

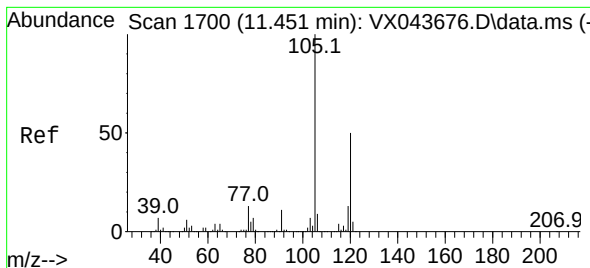
Ion Ratio Lower Upper

75 100

77 30.8 25.4 38.0

110 40.9 33.6 50.4





#62

1,3,5-Trimethylbenzene

Concen: 9.610 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX043675.D

Acq: 04 Nov 2024 11:32

Instrument :

MSVOA_X

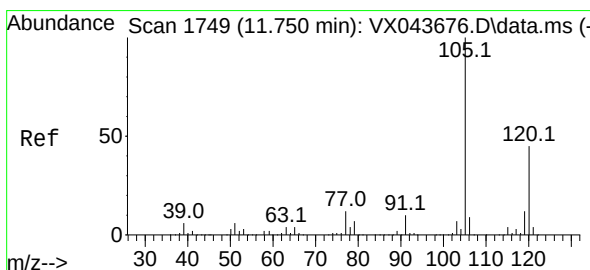
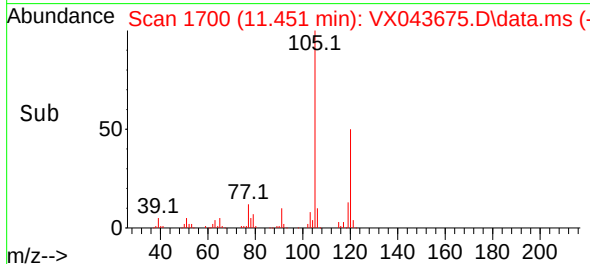
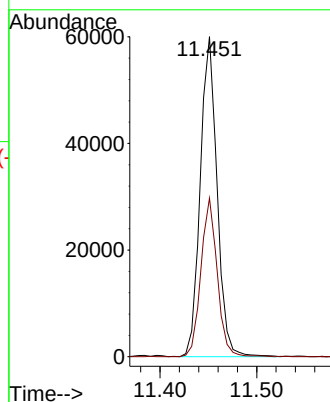
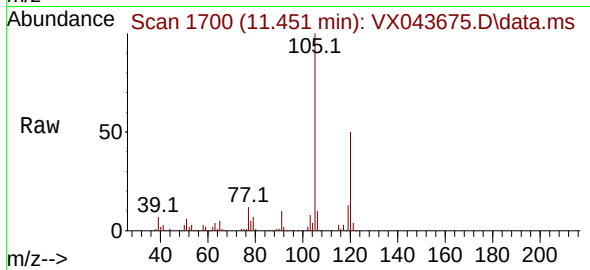
ClientSampleId :

Tgt Ion:105 Resp: 72705

Ion Ratio Lower Upper

105 100

120 47.9 39.4 59.2



#63

1,2,4-Trimethylbenzene

Concen: 9.559 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX043675.D

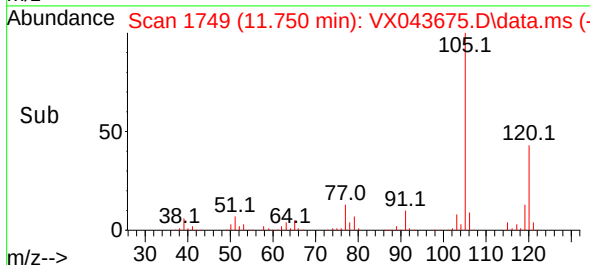
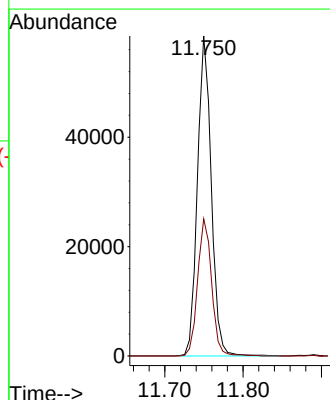
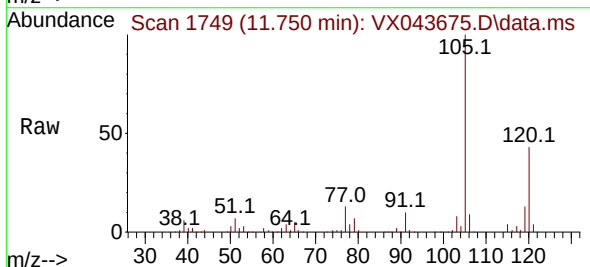
Acq: 04 Nov 2024 11:32

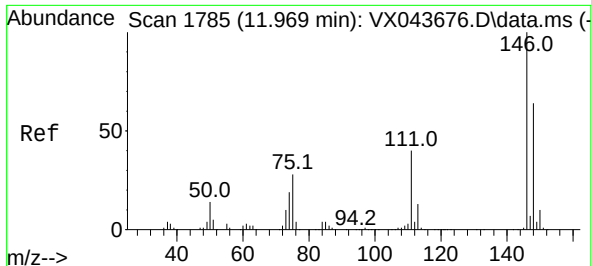
Tgt Ion:105 Resp: 72004

Ion Ratio Lower Upper

105 100

120 43.1 35.7 53.5





#64

1,3-Dichlorobenzene

Concen: 9.316 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX043675.D

Acq: 04 Nov 2024 11:32

Instrument :

MSVOA_X

ClientSampleId :

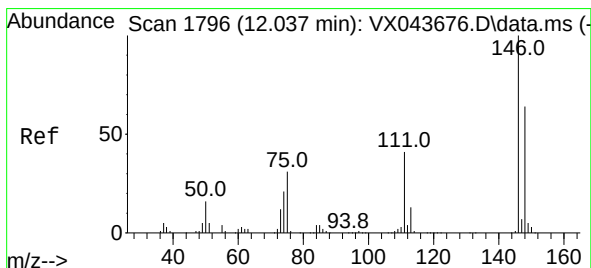
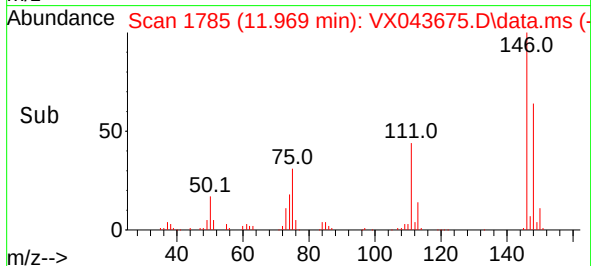
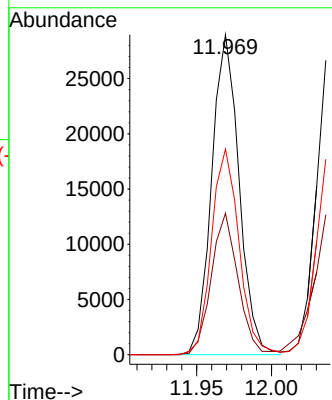
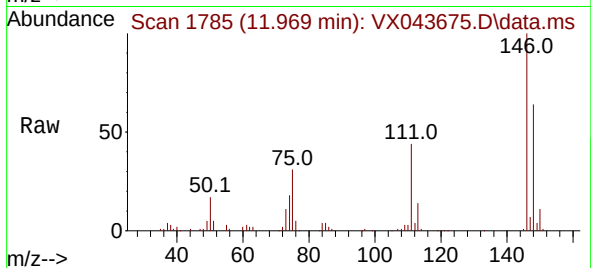
Tgt Ion:146 Resp: 36882

Ion Ratio Lower Upper

146 100

111 44.2 28.3 52.5

148 64.2 45.1 83.9



#65

1,4-Dichlorobenzene

Concen: 9.420 ug/L

RT: 12.042 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VX043675.D

Acq: 04 Nov 2024 11:32

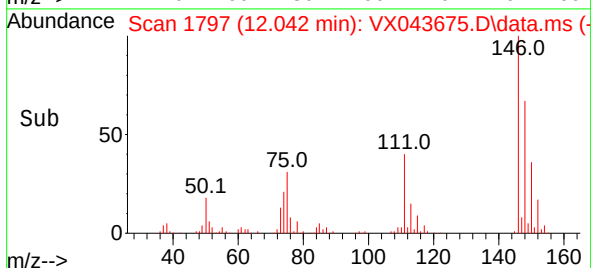
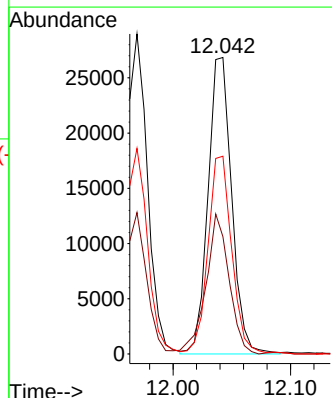
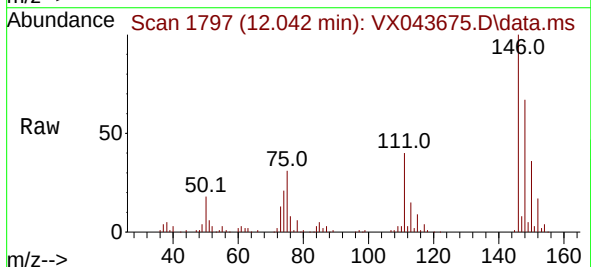
Tgt Ion:146 Resp: 37563

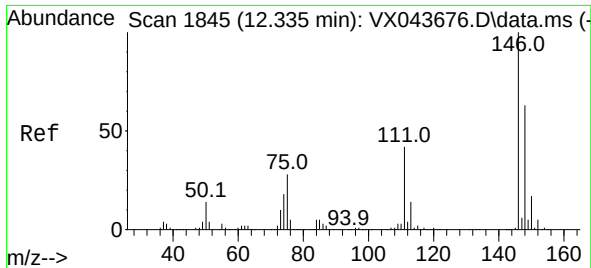
Ion Ratio Lower Upper

146 100

111 39.6 28.9 53.7

148 66.7 45.0 83.6

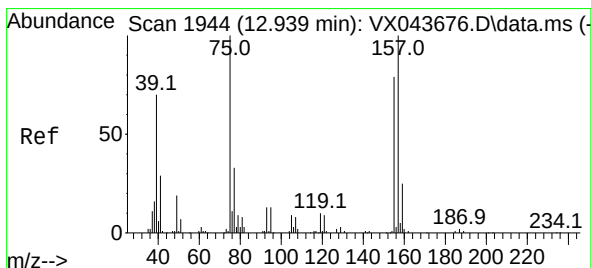
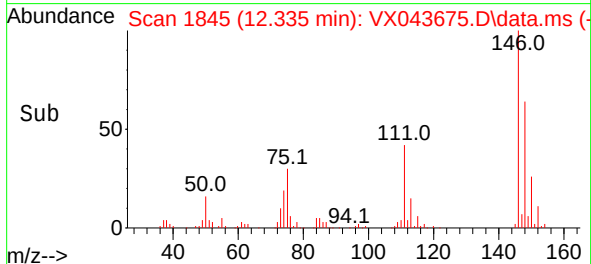
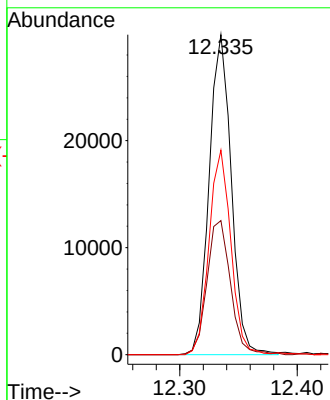
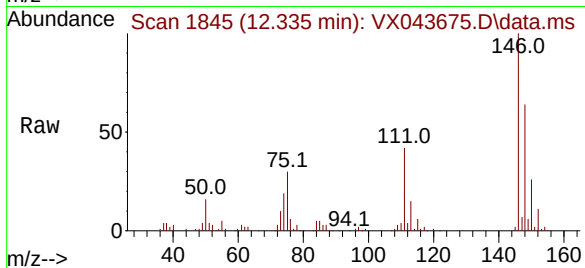




#67
1,2-Dichlorobenzene
Concen: 9.659 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX043675.D
Acq: 04 Nov 2024 11:32

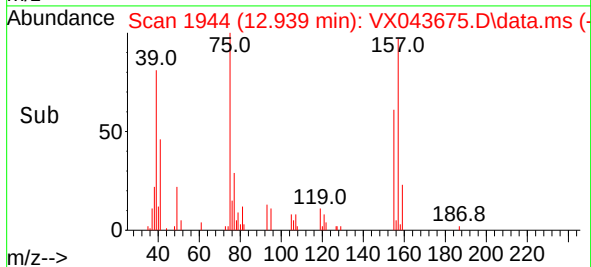
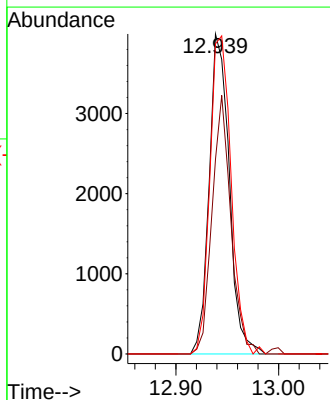
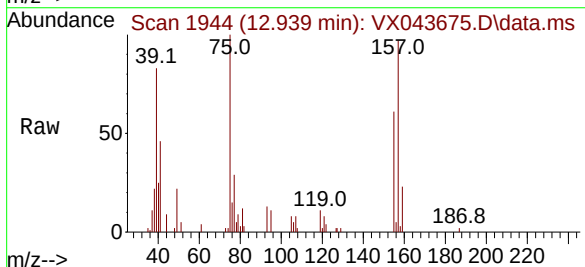
Instrument :
MSVOA_X
ClientSampleId :

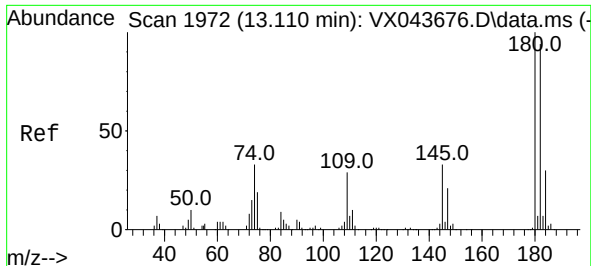
Tgt Ion:146 Resp: 39081
Ion Ratio Lower Upper
146 100
111 41.9 33.9 50.9
148 63.9 50.6 76.0



#68
1,2-Dibromo-3-chloropropane
Concen: 8.589 ug/L
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX043675.D
Acq: 04 Nov 2024 11:32

Tgt Ion: 75 Resp: 5419
Ion Ratio Lower Upper
75 100
155 60.8 63.8 95.8#
157 96.9 80.3 120.5





#69

1,3,5-Trichlorobenzene

Concen: 8.814 ug/L

RT: 13.109 min Scan# 1972

Delta R.T. -0.000 min

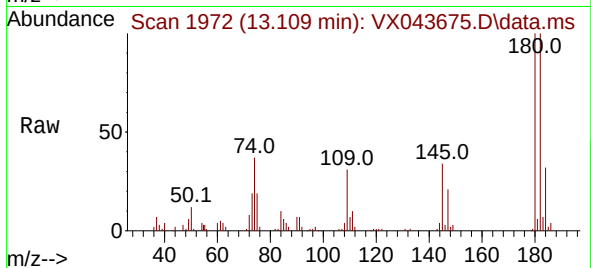
Lab File: VX043675.D

Acq: 04 Nov 2024 11:32

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 23274

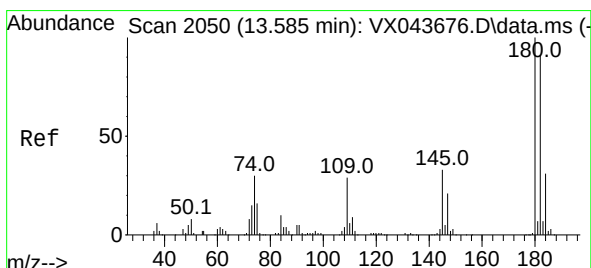
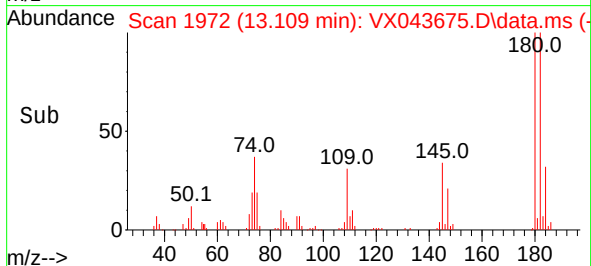
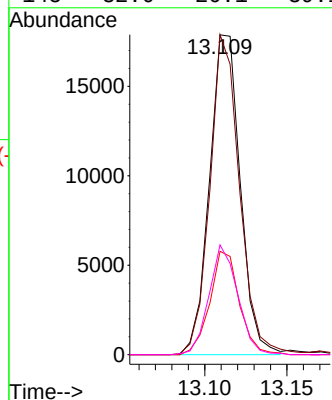
Ion Ratio Lower Upper

180 100

182 96.5 74.7 112.1

184 31.0 23.7 35.5

145 32.0 26.1 39.1



#70

1,2,4-trichlorobenzene

Concen: 8.772 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX043675.D

Acq: 04 Nov 2024 11:32

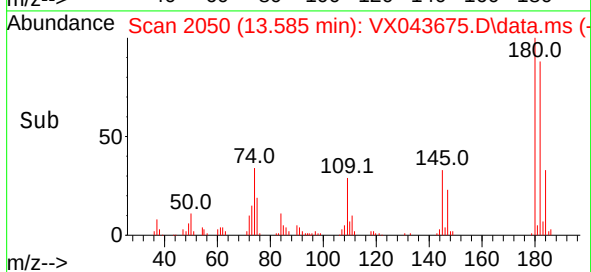
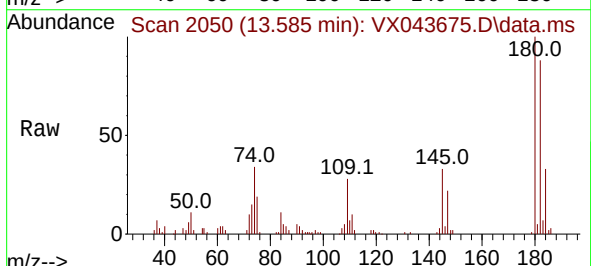
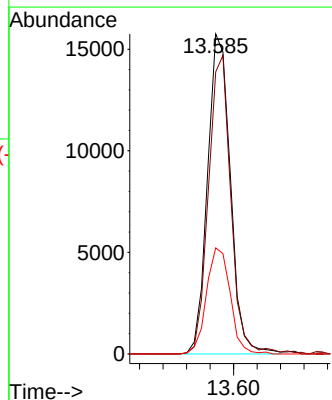
Tgt Ion:180 Resp: 21238

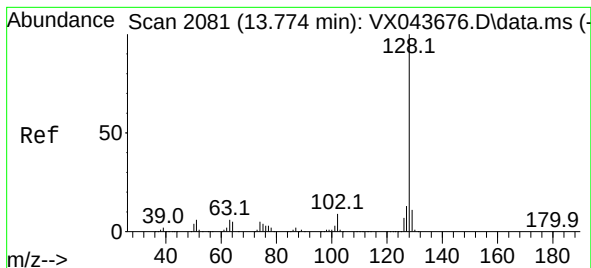
Ion Ratio Lower Upper

180 100

182 90.2 75.9 113.9

145 34.4 26.9 40.3





#71

Naphthalene

Concen: 8.962 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX043675.D

Acq: 04 Nov 2024 11:32

Instrument :

MSVOA_X

ClientSampleId :

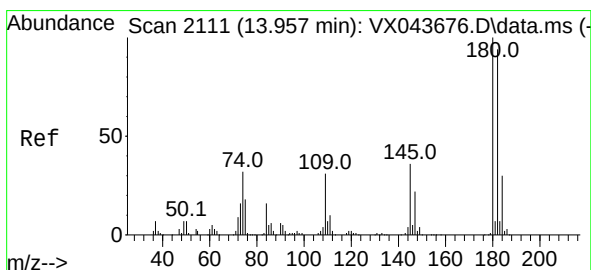
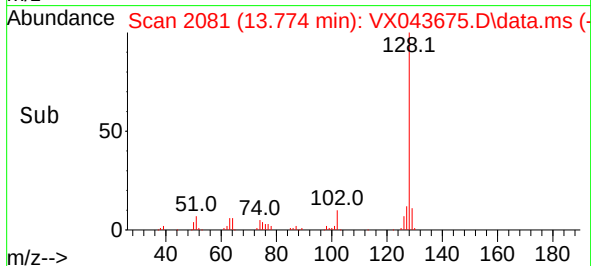
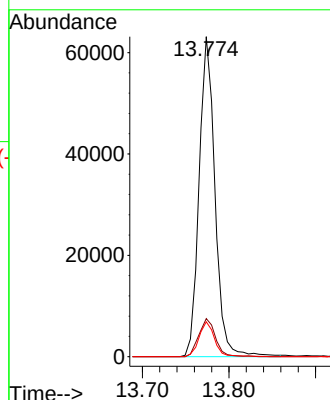
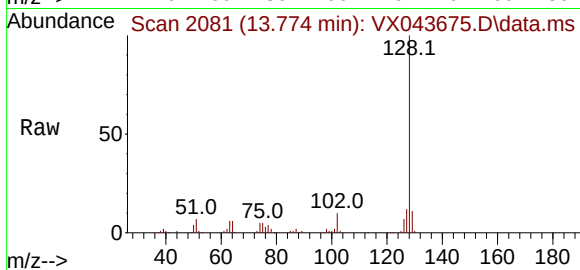
Tgt Ion:128 Resp: 80580

Ion Ratio Lower Upper

128 100

127 12.4 10.2 15.2

129 10.6 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 9.325 ug/L

RT: 13.957 min Scan# 2111

Delta R.T. -0.000 min

Lab File: VX043675.D

Acq: 04 Nov 2024 11:32

Tgt Ion:180 Resp: 23334

Ion Ratio Lower Upper

180 100

182 92.4 75.8 113.8

145 34.8 28.4 42.6

