

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041724\
 Data File : VX041122.D
 Acq On : 17 Apr 2024 13:28
 Operator : JC/MD
 Sample : VSTD010
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 18 01:27:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 18 01:26:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	291398	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	262563	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	134518	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	20146	9.662	ug/L	0.00
7) Chloroethane-d5	1.648	69	10410	10.156	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.288	65	8621	9.651	ug/L	0.00
21) 2-Butanone-d5	4.477	46	24487	20.572	ug/L	0.00
24) Chloroform-d	5.062	84	36011	9.383	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	24150	9.902	ug/L	0.00
32) Benzene-d6	5.970	84	73524	9.722	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.306	67	21237	9.701	ug/L	0.00
41) Toluene-d8	8.647	98	69731	9.829	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	8256	8.430	ug/L	0.00
47) 2-Hexanone-d5	9.391	63	16112	18.128	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	30779	9.637	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	28744	9.936	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	18171	9.966	ug/L	98
3) Chloromethane	1.301	50	17586	10.076	ug/L	96
5) Vinyl chloride	1.374	62	18728	9.959	ug/L	100
6) Bromomethane	1.599	94	9819	9.964	ug/L	94
8) Chloroethane	1.666	64	6473	9.198	ug/L	98
9) Trichlorofluoromethane	1.861	101	28635	10.155	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.313	101	18681	9.780	ug/L	99
12) 1,1-Dichloroethene	2.306	96	15939	9.767	ug/L	98
13) Acetone	2.398	43	19486	20.410	ug/L	96
14) Carbon disulfide	2.495	76	24901	7.841	ug/L	98
15) Methyl Acetate	2.709	43	20159	9.940	ug/L	97
16) Methylene chloride	2.782	84	16928	9.404	ug/L	89
17) trans-1,2-Dichloroethene	3.087	96	15775	9.567	ug/L	99
18) Methyl tert-butyl Ether	3.123	73	54282	9.562	ug/L	99
19) 1,1-Dichloroethane	3.605	63	30511	9.711	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	19127	9.730	ug/L	96
22) 2-Butanone	4.580	43	26762	18.721	ug/L	95
23) Bromochloromethane	4.904	128	9740	9.517	ug/L	96
25) Chloroform	5.093	83	32622	9.664	ug/L	99
27) 1,2-Dichloroethane	6.086	62	26077	9.789	ug/L	97
29) Cyclohexane	5.464	56	24888	9.422	ug/L	96
30) 1,1,1-Trichloroethane	5.379	97	27258	9.569	ug/L	99
31) Carbon tetrachloride	5.672	117	22424	9.157	ug/L	100
33) Benzene	6.031	78	68192	9.958	ug/L	100
34) Trichloroethene	7.123	95	17902	9.657	ug/L	99
35) Methylcyclohexane	7.379	83	26981	9.576	ug/L	99
37) 1,2-Dichloropropane	7.434	63	17252	9.715	ug/L	100
38) Bromodichloromethane	7.824	83	20487	9.025	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	23921	8.842	ug/L	99
40) 4-Methyl-2-pentanone	8.580	43	50719	19.218	ug/L	99
42) Toluene	8.720	91	73022	9.887	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	21074	8.552	ug/L	99

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

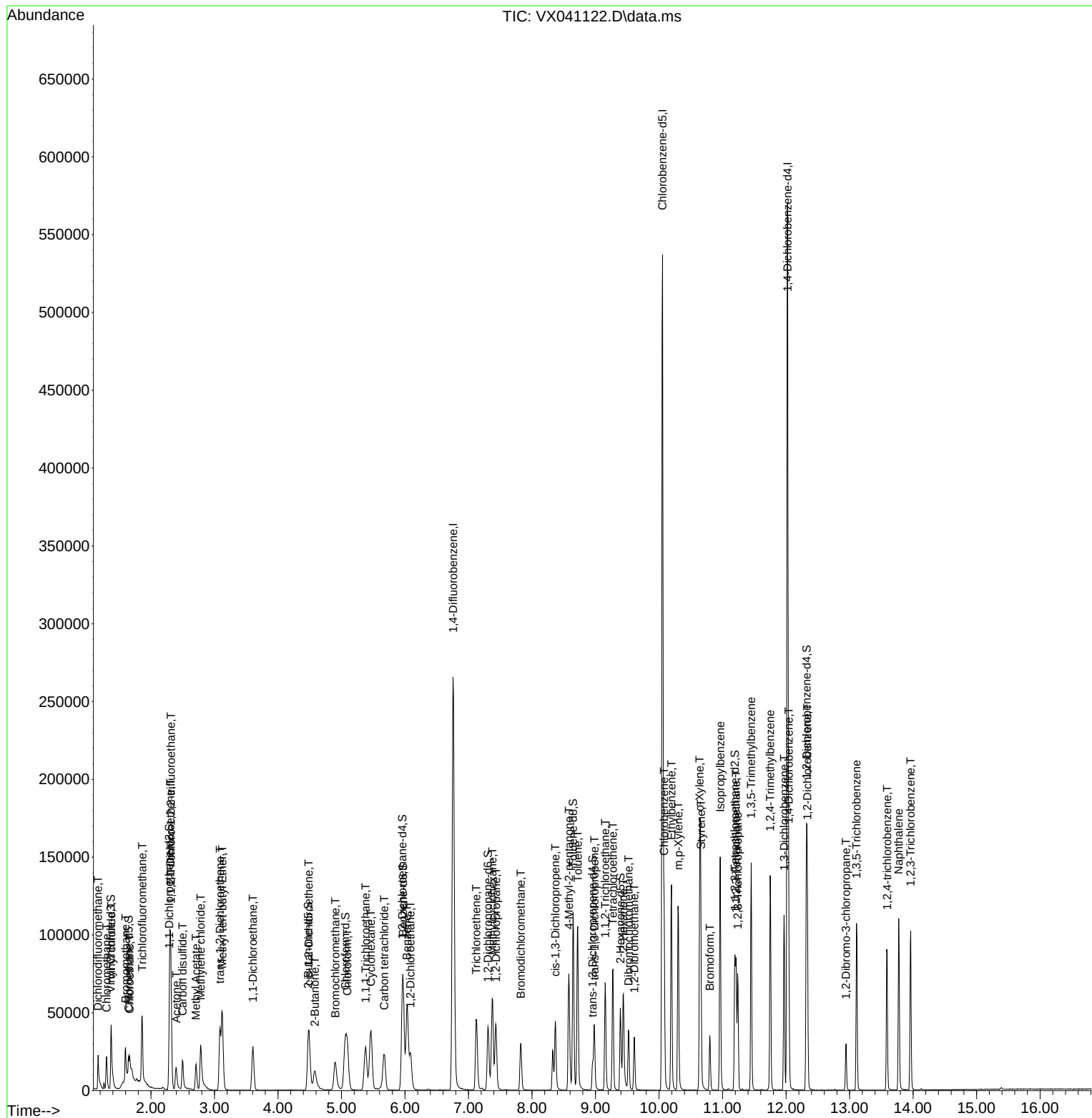
45) 1,1,2-Trichloroethane	9.153	97	19066	9.961	ug/L	99
46) Tetrachloroethene	9.275	164	16954	9.552	ug/L	98
48) 2-Hexanone	9.433	43	39569	19.306	ug/L	99
49) Dibromochloromethane	9.519	129	16913	8.699	ug/L	91
50) 1,2-Dibromoethane	9.610	107	19378	9.720	ug/L	96
51) Chlorobenzene	10.079	112	51416	9.988	ug/L	99
52) Ethylbenzene	10.195	91	78966	9.596	ug/L	98
53) m,p-Xylene	10.305	106	30749	9.439	ug/L	93
54) o-Xylene	10.640	106	30888	9.468	ug/L	99
55) Styrene	10.659	104	50090	9.226	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.213	83	30496	9.979	ug/L	99
59) Bromoform	10.799	173	13677	9.002	ug/L	99
60) Isopropylbenzene	10.963	105	79680	10.043	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	24224	10.923	ug/L	97
62) 1,3,5-Trimethylbenzene	11.451	105	63051	9.732	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	62290	9.667	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	40058	9.895	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	41792	10.120	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	42793	10.193	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	5329	9.416	ug/L	93
69) 1,3,5-Trichlorobenzene	13.109	180	29660	9.408	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	25855	9.094	ug/L	100
71) Naphthalene	13.774	128	73908	9.058	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	27897	9.400	ug/L	99

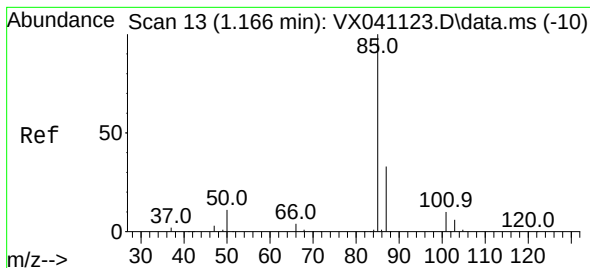
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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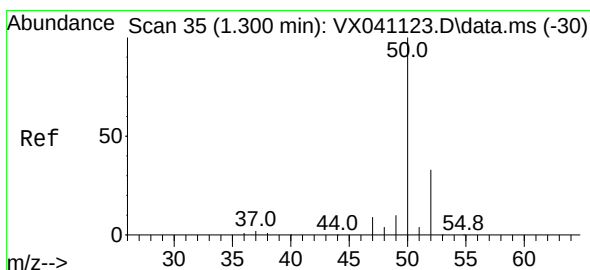
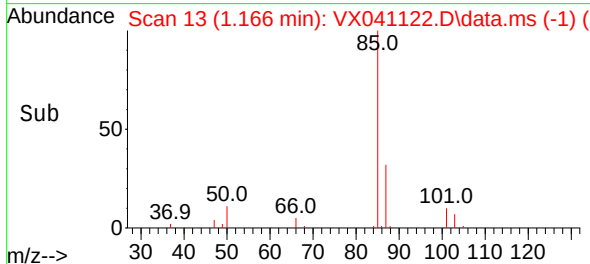
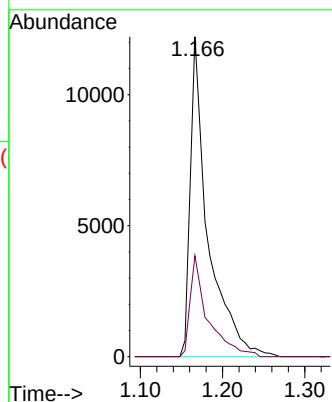
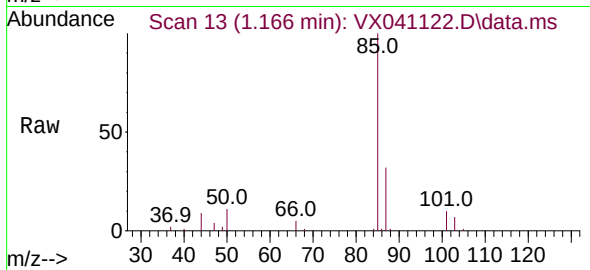




#2
 Dichlorodifluoromethane
 Concen: 9.966 ug/L
 RT: 1.166 min Scan# 14
 Delta R.T. 0.000 min
 Lab File: VX041122.D
 Acq: 17 Apr 2024 13:28

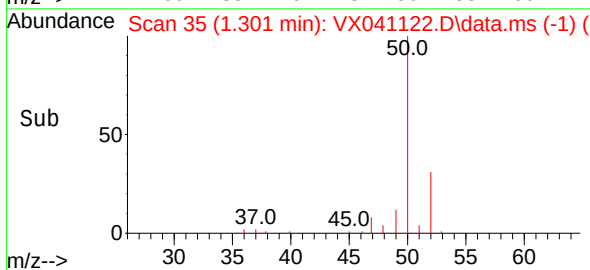
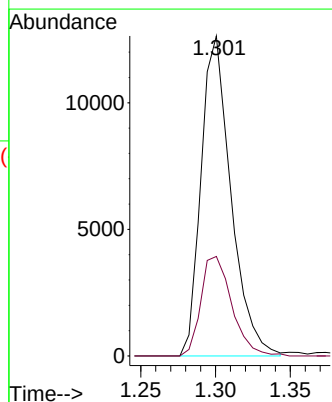
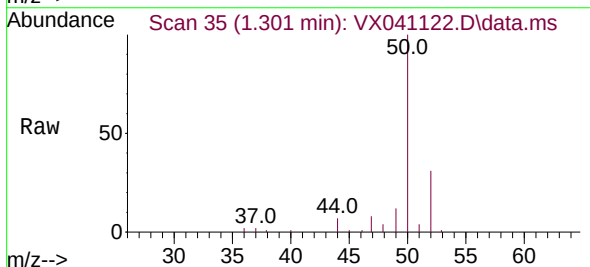
Instrument :
 MSVOA_X
 ClientSampleId :

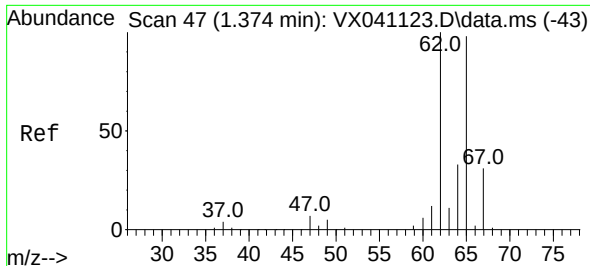
Tgt Ion: 85 Resp: 18171
 Ion Ratio Lower Upper
 85 100
 87 31.8 26.2 39.2



#3
 Chloromethane
 Concen: 10.076 ug/L
 RT: 1.301 min Scan# 35
 Delta R.T. 0.000 min
 Lab File: VX041122.D
 Acq: 17 Apr 2024 13:28

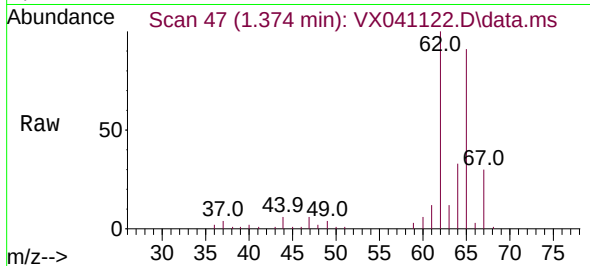
Tgt Ion: 50 Resp: 17586
 Ion Ratio Lower Upper
 50 100
 52 31.1 23.2 43.2



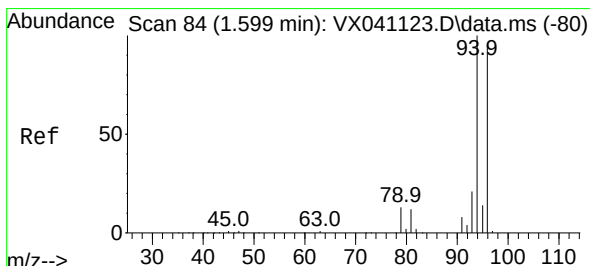
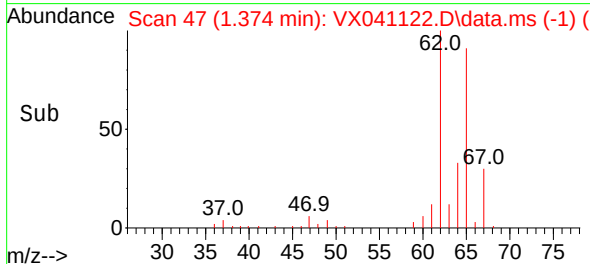
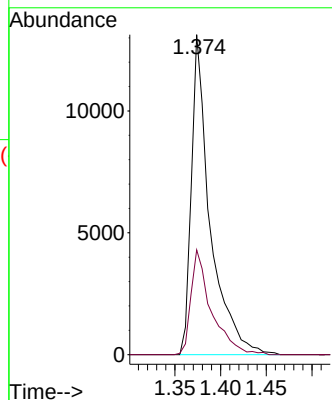


#5
Vinyl chloride
Concen: 9.959 ug/L
RT: 1.374 min Scan# 41
Delta R.T. 0.000 min
Lab File: VX041122.D
Acq: 17 Apr 2024 13:28

Instrument :
MSVOA_X
ClientSampleId :

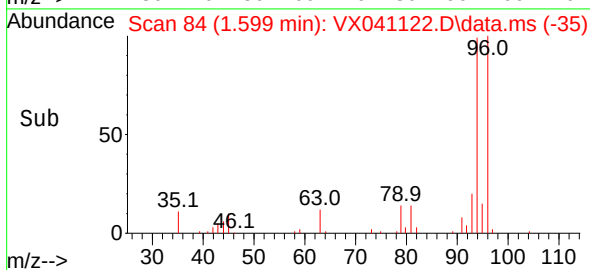
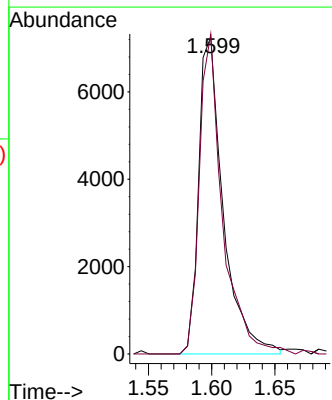
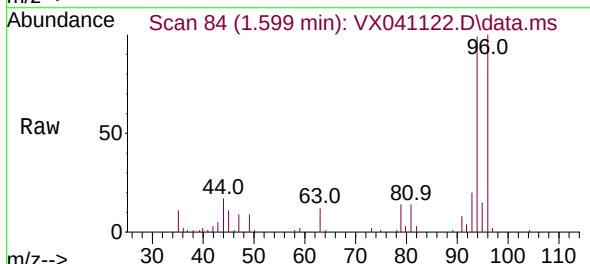


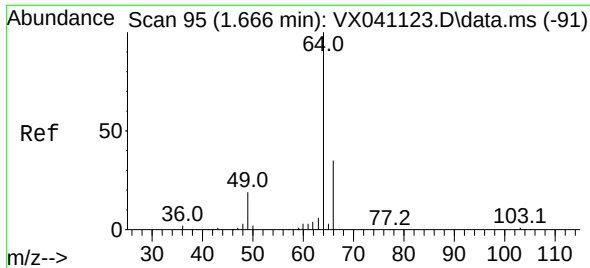
Tgt Ion: 62 Resp: 18728
Ion Ratio Lower Upper
62 100
64 32.8 23.0 42.8



#6
Bromomethane
Concen: 9.964 ug/L
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041122.D
Acq: 17 Apr 2024 13:28

Tgt Ion: 94 Resp: 9819
Ion Ratio Lower Upper
94 100
96 101.0 66.5 123.5

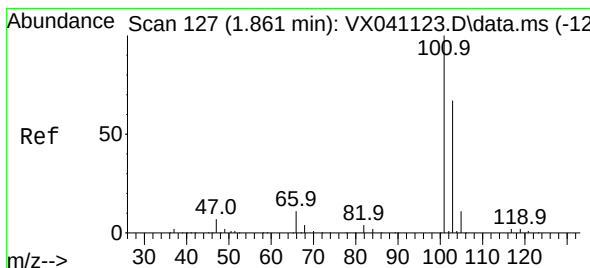
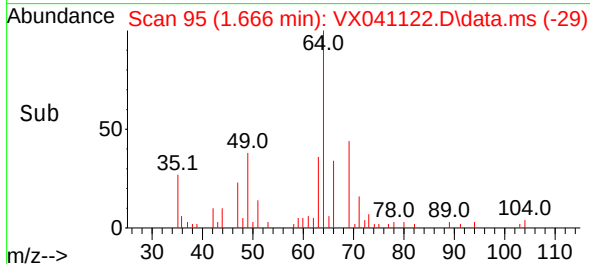
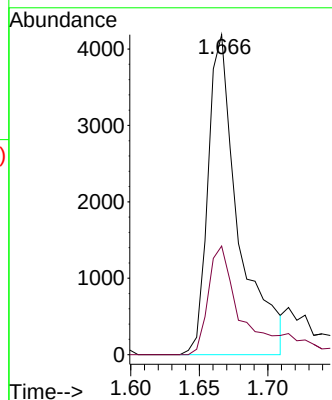
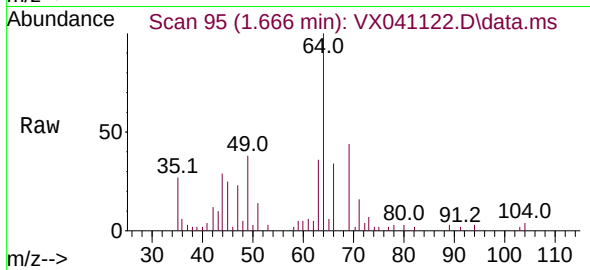




#8
Chloroethane
Concen: 9.198 ug/L
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX041122.D
Acq: 17 Apr 2024 13:28

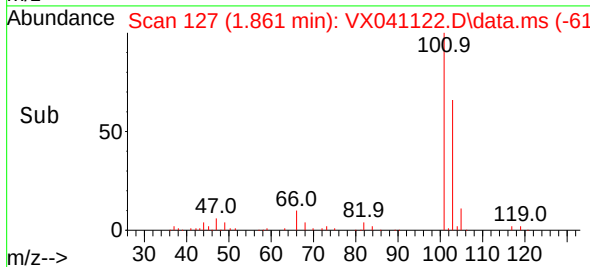
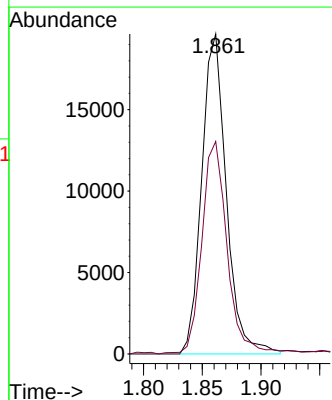
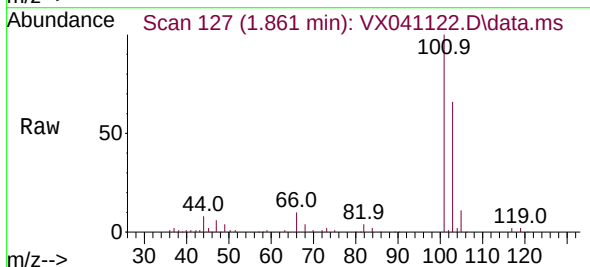
Instrument :
MSVOA_X
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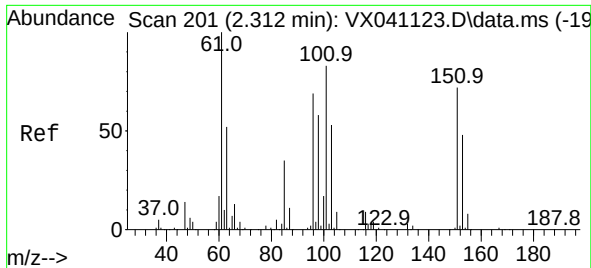
Tgt Ion: 64 Resp: 6473
Ion Ratio Lower Upper
64 100
66 34.0 24.7 45.9



#9
Trichlorofluoromethane
Concen: 10.155 ug/L
RT: 1.861 min Scan# 127
Delta R.T. 0.000 min
Lab File: VX041122.D
Acq: 17 Apr 2024 13:28

Tgt Ion:101 Resp: 28635
Ion Ratio Lower Upper
101 100
103 68.5 52.6 78.8

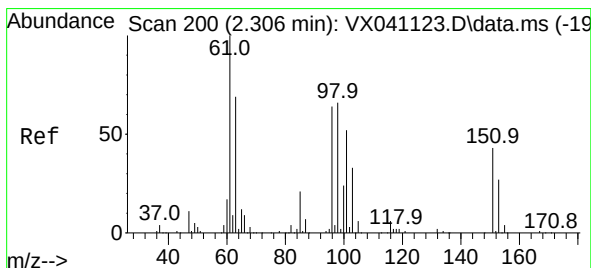
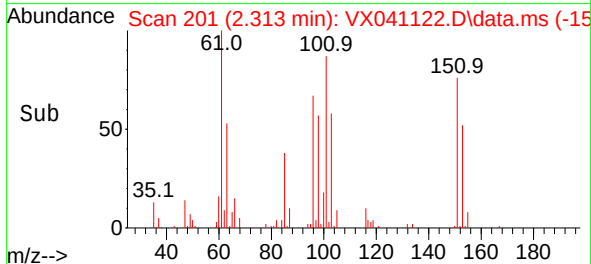
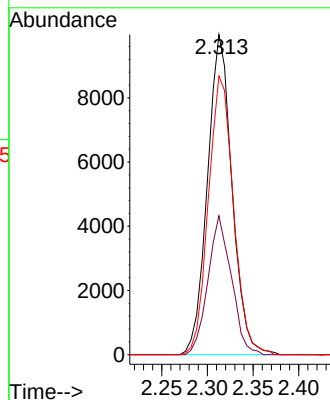
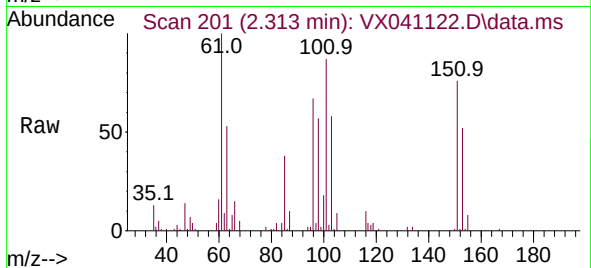




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 9.780 ug/L
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX041122.D
Acq: 17 Apr 2024 13:28

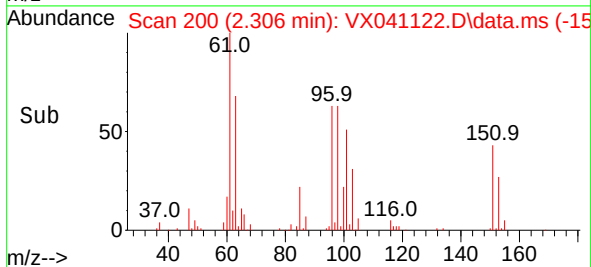
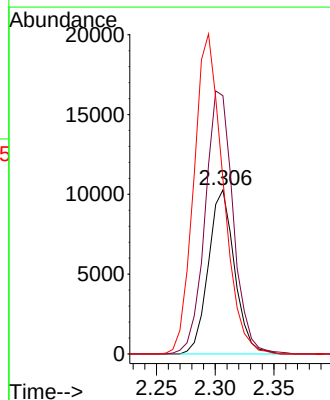
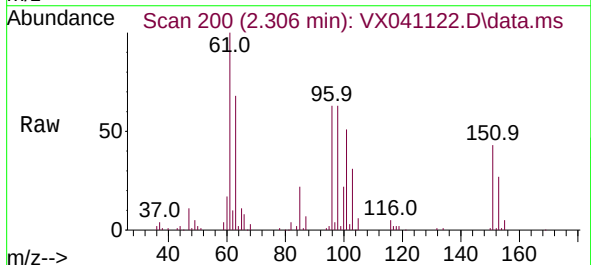
Instrument :
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ClientSampleId :

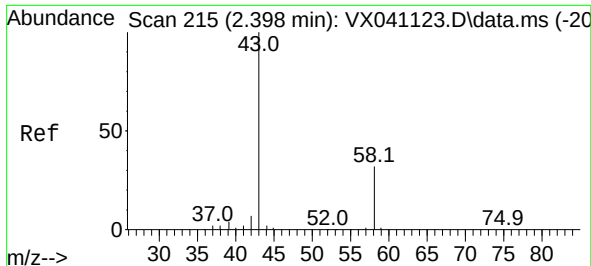
Tgt Ion:101 Resp: 18681
Ion Ratio Lower Upper
101 100
85 41.2 33.4 50.2
151 88.8 70.5 105.7



#12
1,1-Dichloroethene
Concen: 9.767 ug/L
RT: 2.306 min Scan# 200
Delta R.T. 0.000 min
Lab File: VX041122.D
Acq: 17 Apr 2024 13:28

Tgt Ion: 96 Resp: 15939
Ion Ratio Lower Upper
96 100
61 157.5 110.3 204.9
63 106.6 77.4 143.8





#13

Acetone

Concen: 20.410 ug/L

RT: 2.398 min Scan# 215

Delta R.T. 0.000 min

Lab File: VX041122.D

Acq: 17 Apr 2024 13:28

Instrument :

MSVOA_X

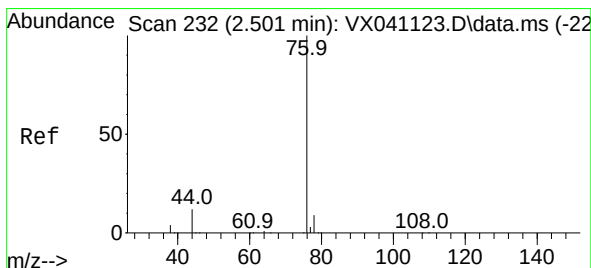
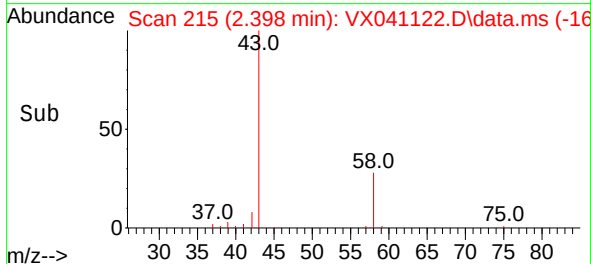
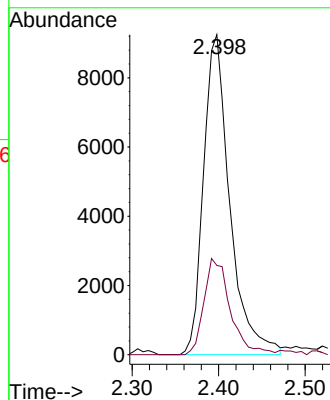
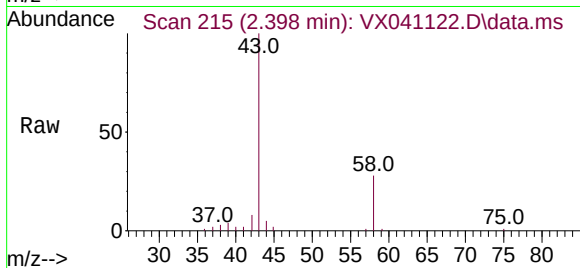
ClientSampleId :

Tgt Ion: 43 Resp: 19486

Ion Ratio Lower Upper

43 100

58 29.1 0.0 62.4



#14

Carbon disulfide

Concen: 7.841 ug/L

RT: 2.495 min Scan# 231

Delta R.T. -0.006 min

Lab File: VX041122.D

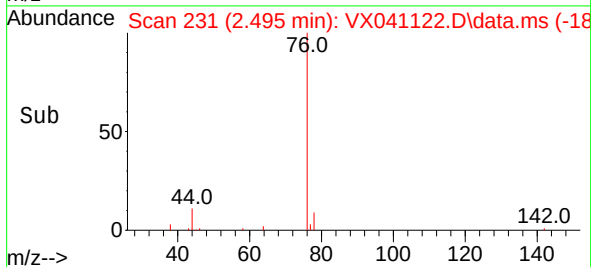
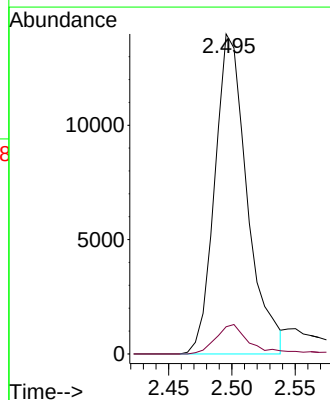
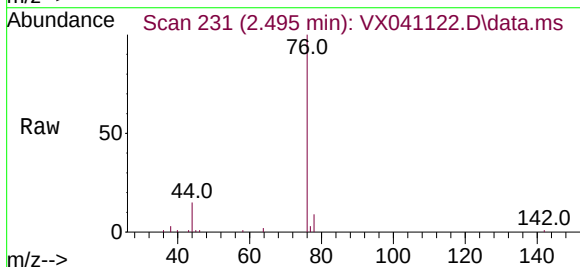
Acq: 17 Apr 2024 13:28

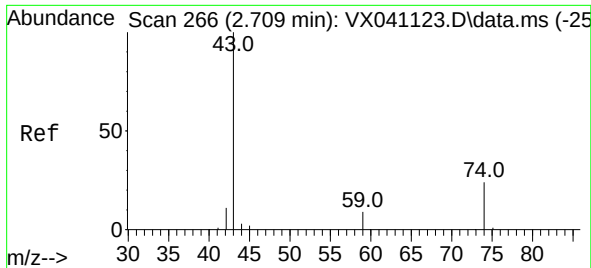
Tgt Ion: 76 Resp: 24901

Ion Ratio Lower Upper

76 100

78 8.5 7.4 11.2

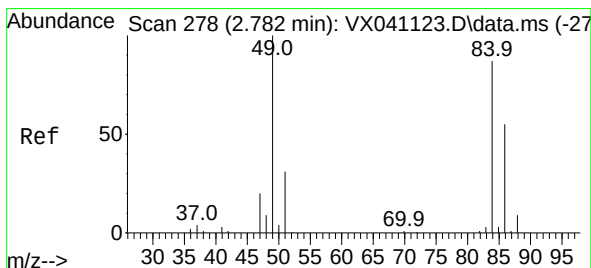
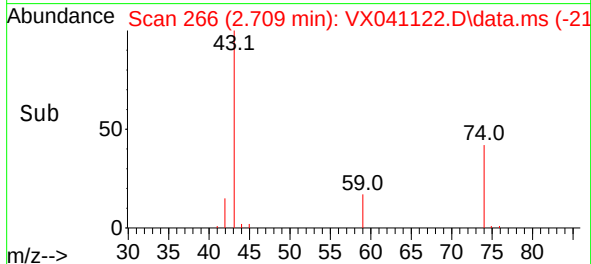
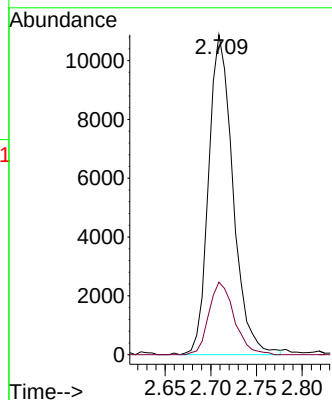
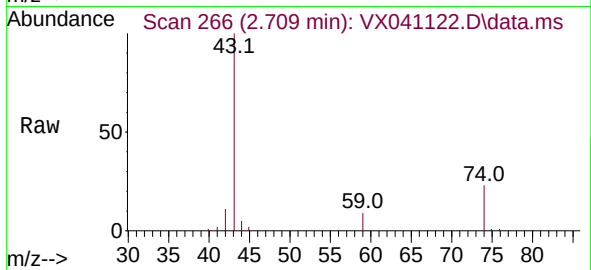




#15
Methyl Acetate
Concen: 9.940 ug/L
RT: 2.709 min Scan# 20159
Delta R.T. 0.000 min
Lab File: VX041122.D
Acq: 17 Apr 2024 13:28

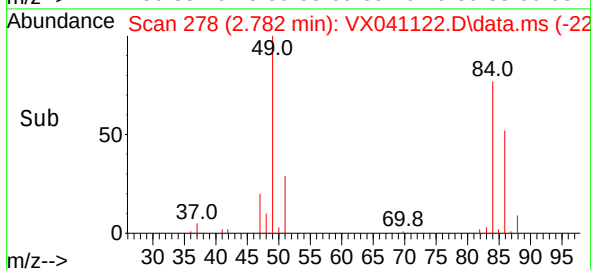
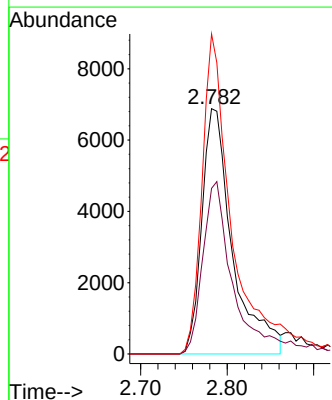
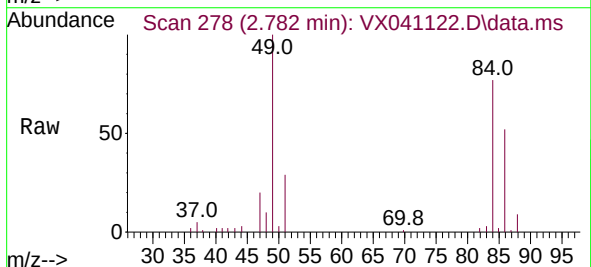
Instrument :
MSVOA_X
ClientSampleId :

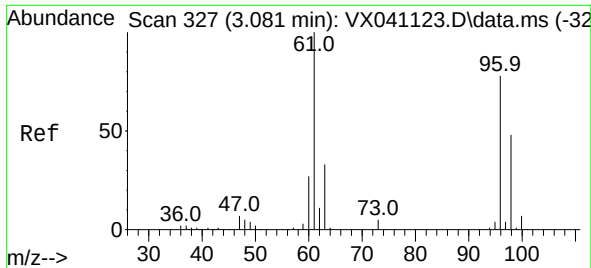
Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.6	19.9	29.9



#16
Methylene chloride
Concen: 9.404 ug/L
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX041122.D
Acq: 17 Apr 2024 13:28

Tgt Ion	Ratio	Lower	Upper
84	100		
86	67.5	44.7	83.1
49	130.4	80.6	149.8





#17

trans-1,2-Dichloroethene

Concen: 9.567 ug/L

RT: 3.087 min Scan# 327

Delta R.T. 0.006 min

Lab File: VX041122.D

Acq: 17 Apr 2024 13:28

Instrument :

MSVOA_X

ClientSampleId :

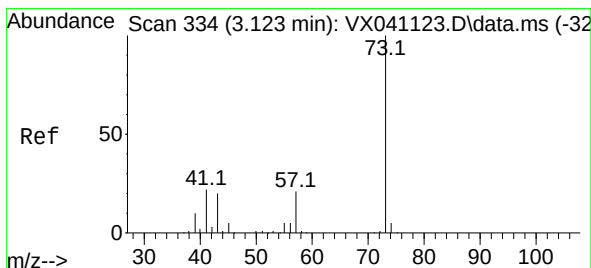
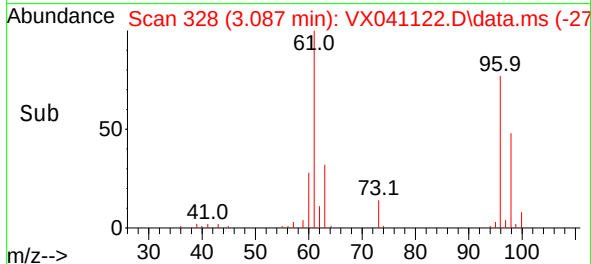
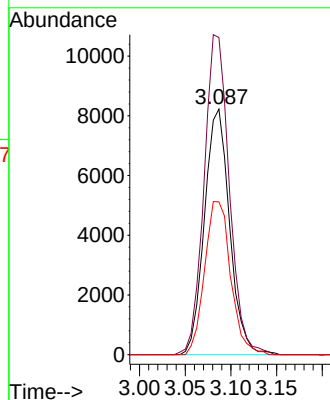
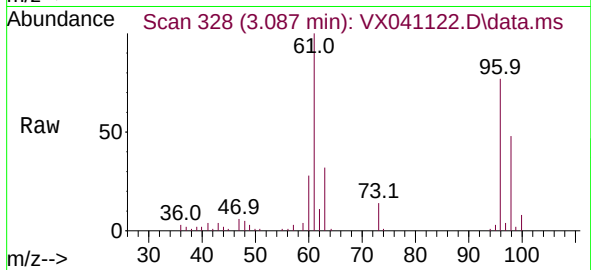
Tgt Ion: 96 Resp: 15775

Ion Ratio Lower Upper

96 100

61 129.1 89.6 166.4

98 62.2 43.4 80.6



#18

Methyl tert-butyl Ether

Concen: 9.562 ug/L

RT: 3.123 min Scan# 334

Delta R.T. 0.000 min

Lab File: VX041122.D

Acq: 17 Apr 2024 13:28

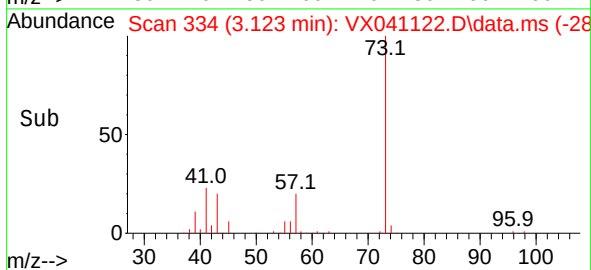
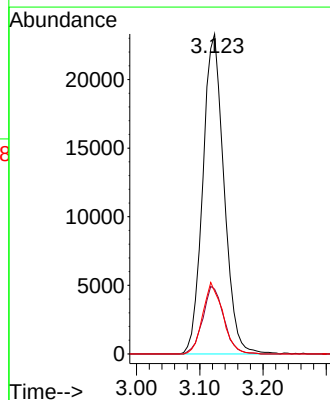
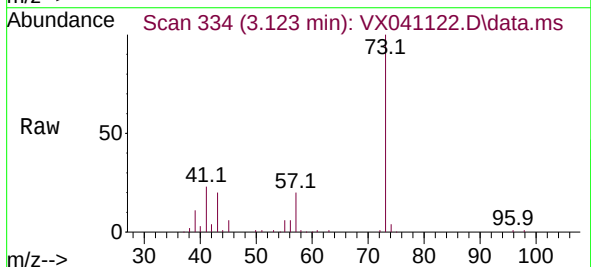
Tgt Ion: 73 Resp: 54282

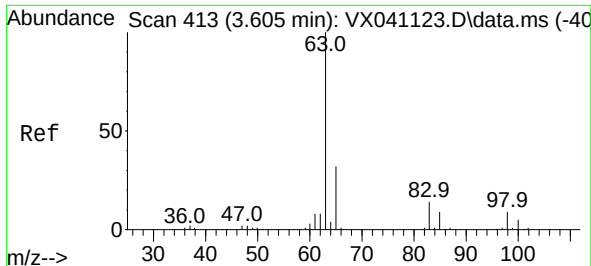
Ion Ratio Lower Upper

73 100

43 21.0 16.1 24.1

57 21.3 17.0 25.4





#19

1,1-Dichloroethane

Concen: 9.711 ug/L

RT: 3.605 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX041122.D

Acq: 17 Apr 2024 13:28

Instrument :

MSVOA_X

ClientSampleId :

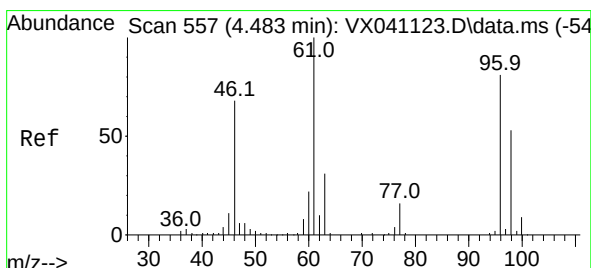
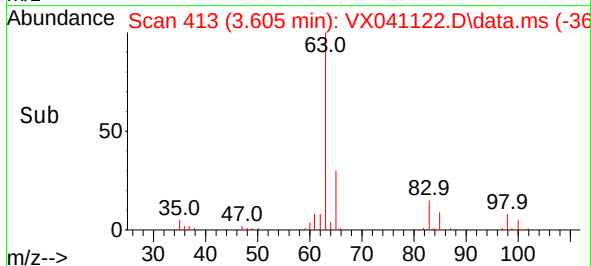
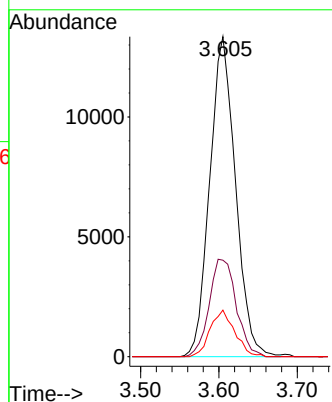
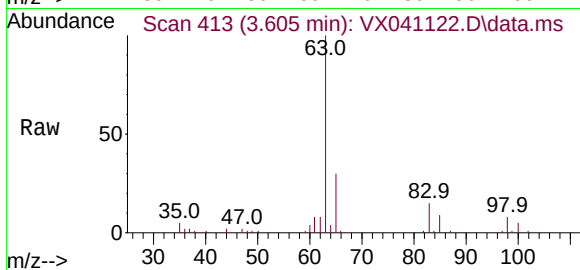
Tgt Ion: 63 Resp: 30511

Ion Ratio Lower Upper

63 100

65 30.2 22.3 41.3

83 14.6 10.1 18.9



#20

cis-1,2-Dichloroethene

Concen: 9.730 ug/L

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX041122.D

Acq: 17 Apr 2024 13:28

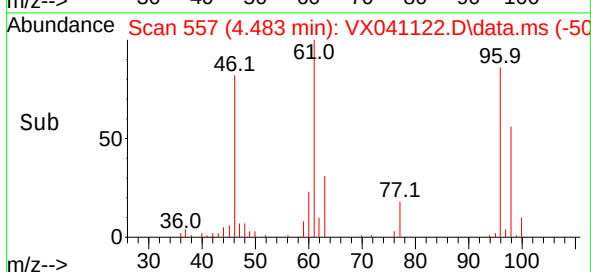
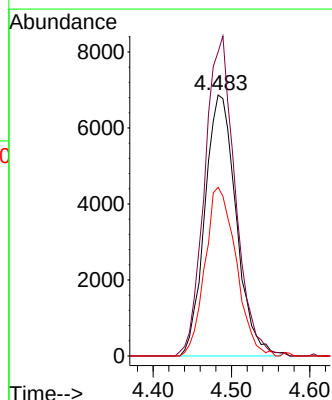
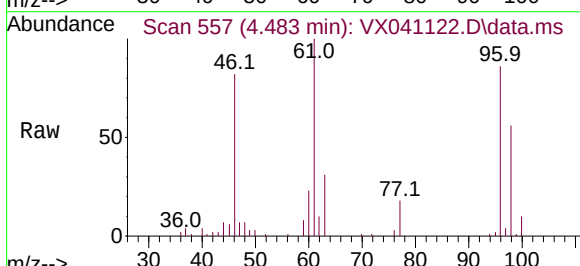
Tgt Ion: 96 Resp: 19127

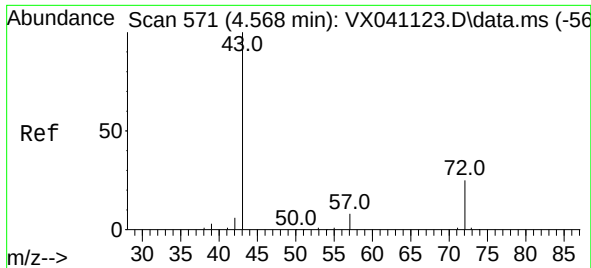
Ion Ratio Lower Upper

96 100

61 116.4 86.5 160.7

98 64.6 45.4 84.2





#22

2-Butanone

Concen: 18.721 ug/L

RT: 4.580 min Scan# 571

Delta R.T. 0.012 min

Lab File: VX041122.D

Acq: 17 Apr 2024 13:28

Instrument :

MSVOA_X

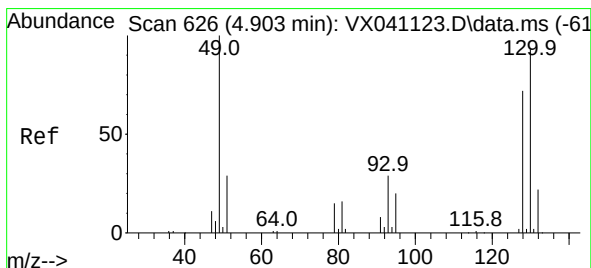
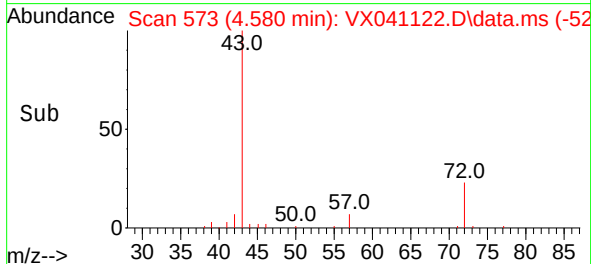
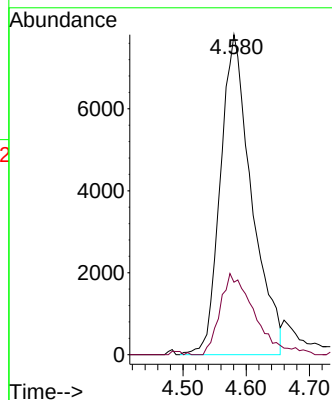
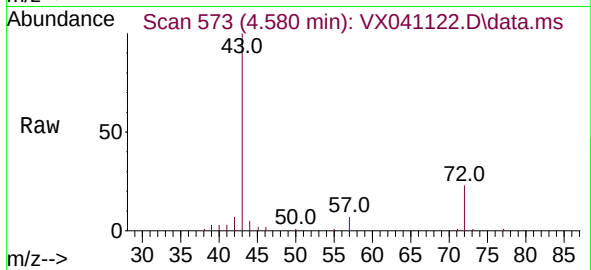
ClientSampleId :

Tgt Ion: 43 Resp: 26762

Ion Ratio Lower Upper

43 100

72 27.3 12.5 37.5



#23

Bromochloromethane

Concen: 9.517 ug/L

RT: 4.904 min Scan# 626

Delta R.T. 0.000 min

Lab File: VX041122.D

Acq: 17 Apr 2024 13:28

Tgt Ion: 128 Resp: 9740

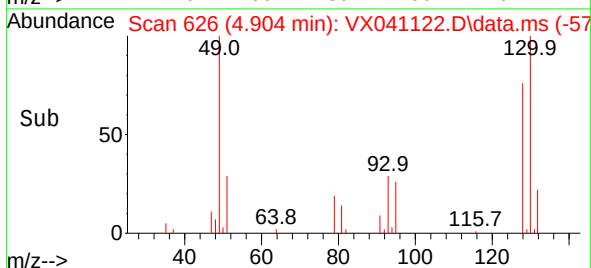
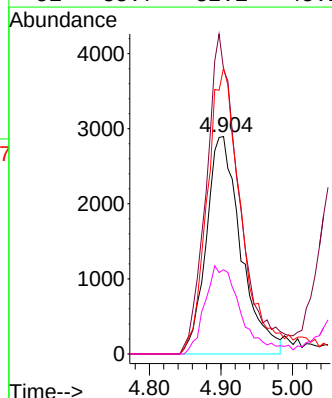
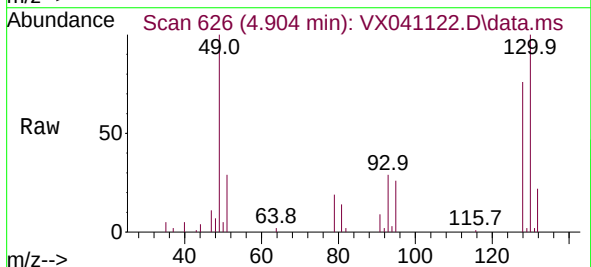
Ion Ratio Lower Upper

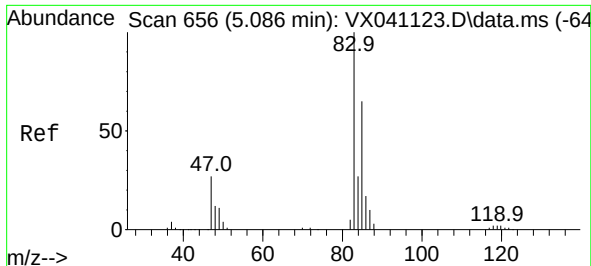
128 100

49 130.9 97.2 180.6

130 131.6 90.6 168.2

51 38.7 32.1 48.1





#25

Chloroform

Concen: 9.664 ug/L

RT: 5.093 min Scan# 60

Delta R.T. 0.006 min

Lab File: VX041122.D

Acq: 17 Apr 2024 13:28

Instrument :

MSVOA_X

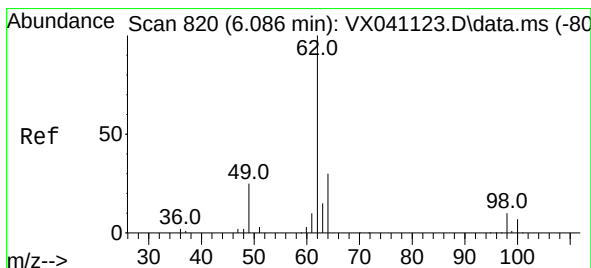
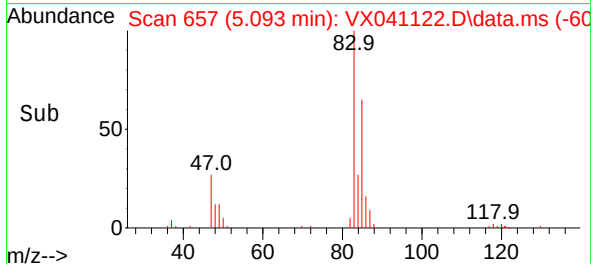
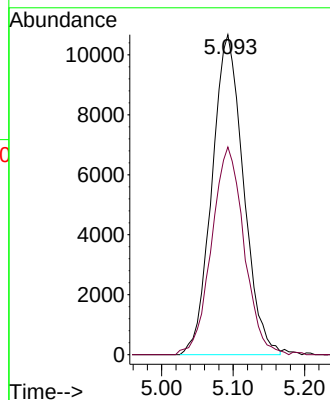
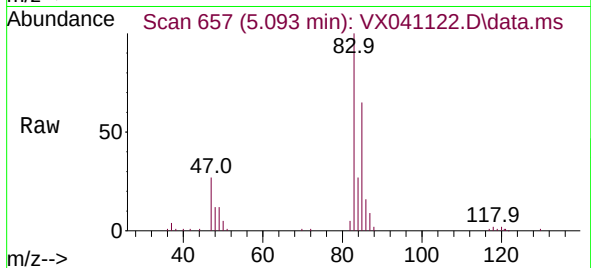
ClientSampleId :

Tgt Ion: 83 Resp: 32622

Ion Ratio Lower Upper

83 100

85 64.9 45.9 85.3



#27

1,2-Dichloroethane

Concen: 9.789 ug/L

RT: 6.086 min Scan# 820

Delta R.T. 0.000 min

Lab File: VX041122.D

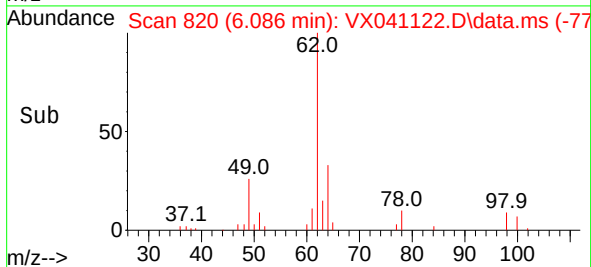
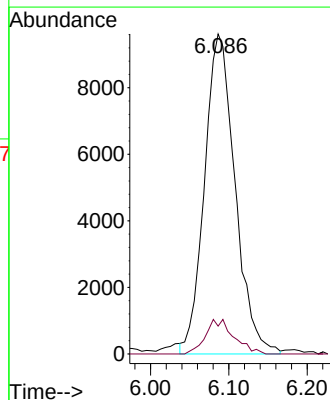
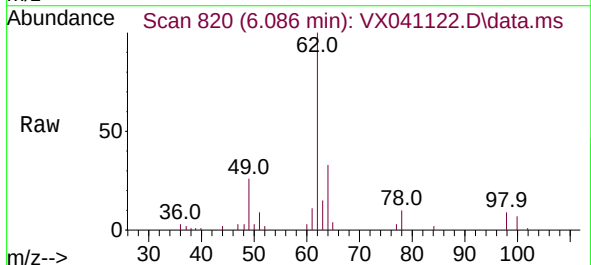
Acq: 17 Apr 2024 13:28

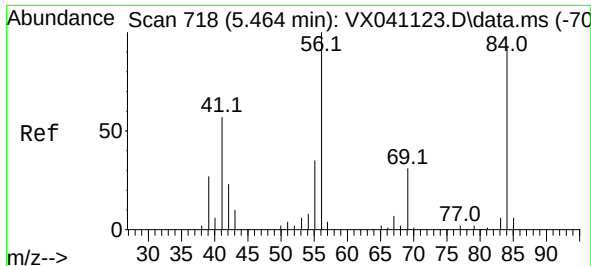
Tgt Ion: 62 Resp: 26077

Ion Ratio Lower Upper

62 100

98 8.7 7.9 11.9





#29

Cyclohexane

Concen: 9.422 ug/L

RT: 5.464 min Scan# 718

Delta R.T. 0.000 min

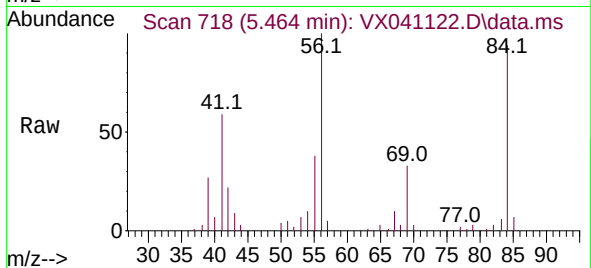
Lab File: VX041122.D

Acq: 17 Apr 2024 13:28

Instrument :

MSVOA_X

ClientSampleId :



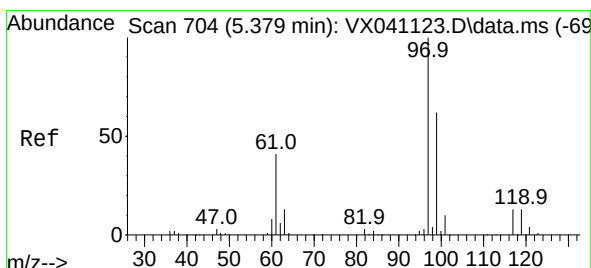
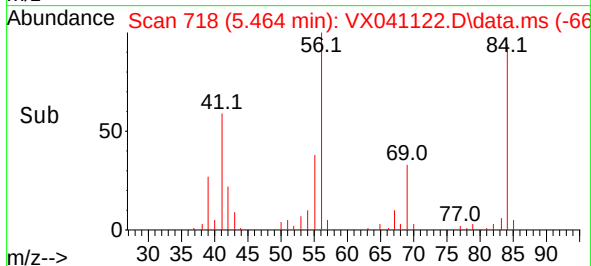
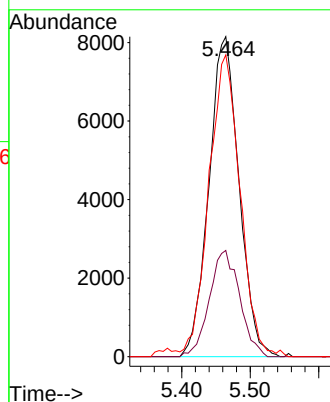
Tgt Ion: 56 Resp: 24888

Ion Ratio Lower Upper

56 100

69 33.4 25.1 37.7

84 97.3 75.0 112.6



#30

1,1,1-Trichloroethane

Concen: 9.569 ug/L

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX041122.D

Acq: 17 Apr 2024 13:28

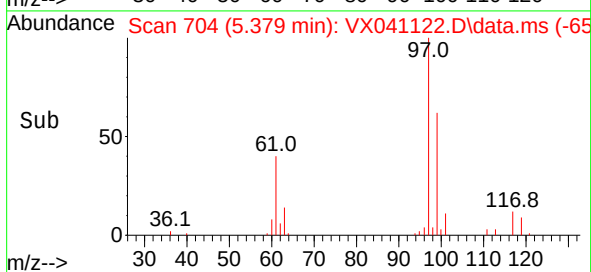
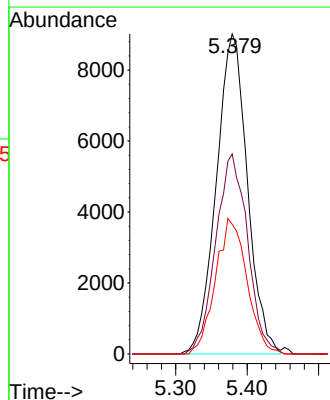
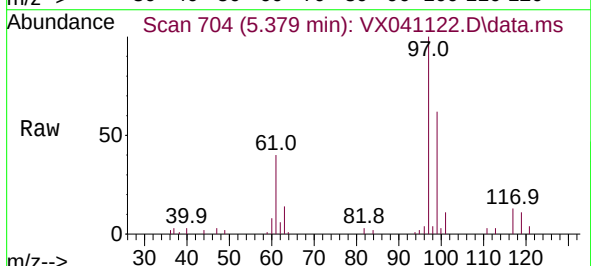
Tgt Ion: 97 Resp: 27258

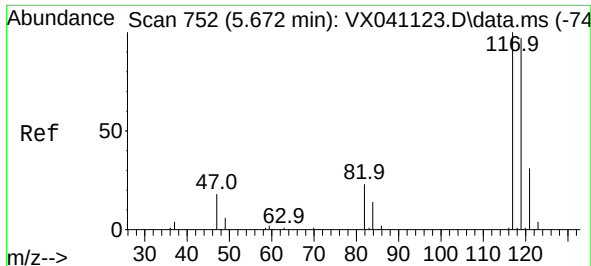
Ion Ratio Lower Upper

97 100

99 63.9 51.4 77.2

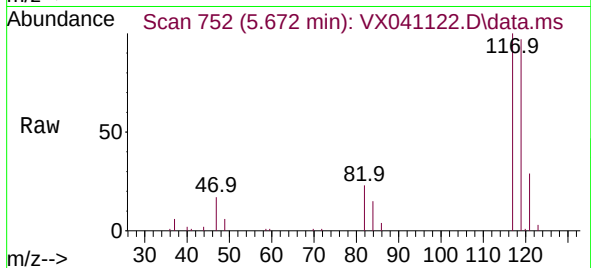
61 42.8 33.9 50.9



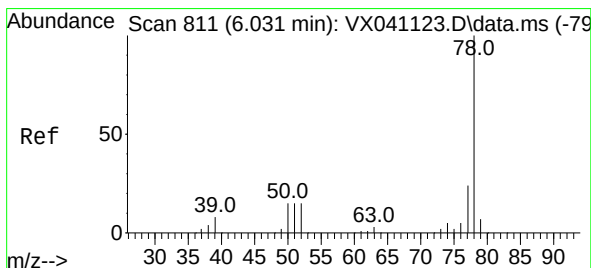
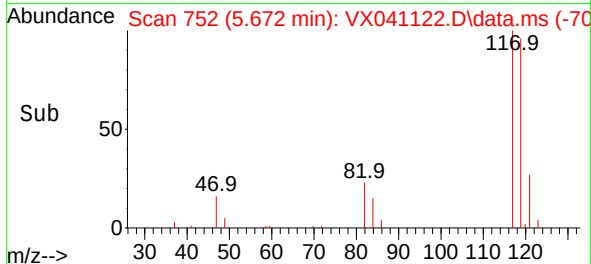
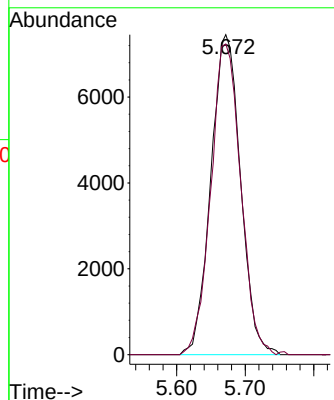


#31
Carbon tetrachloride
Concen: 9.157 ug/L
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX041122.D
Acq: 17 Apr 2024 13:28

Instrument :
MSVOA_X
ClientSampleId :

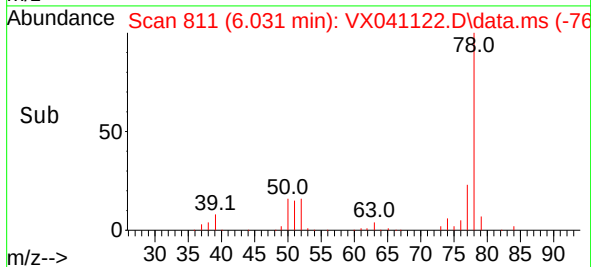
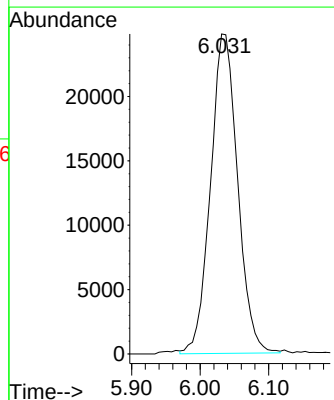
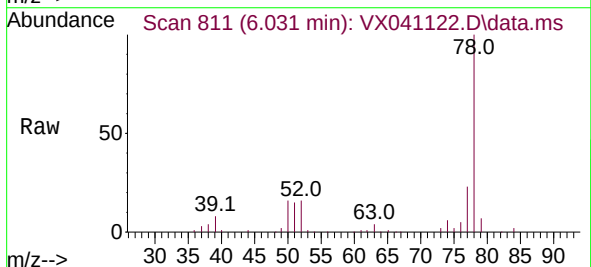


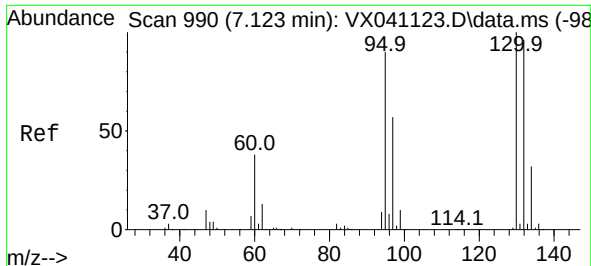
Tgt Ion:117 Resp: 22424
Ion Ratio Lower Upper
117 100
119 97.6 78.1 117.1



#33
Benzene
Concen: 9.958 ug/L
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX041122.D
Acq: 17 Apr 2024 13:28

Tgt Ion: 78 Resp: 68192





#34

Trichloroethene

Concen: 9.657 ug/L

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX041122.D

Acq: 17 Apr 2024 13:28

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 95 Resp: 17902

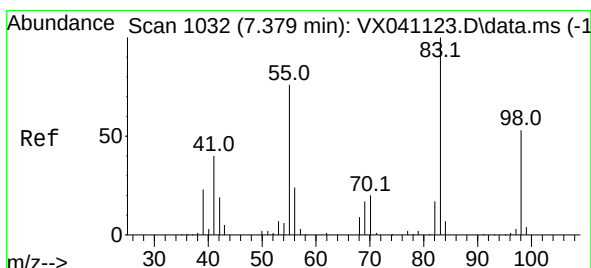
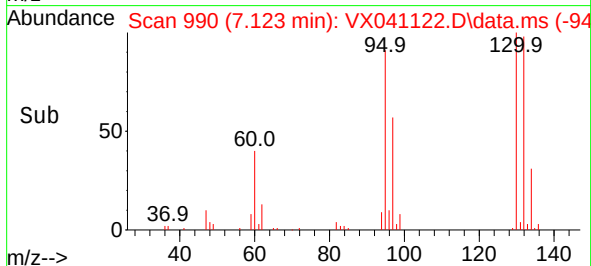
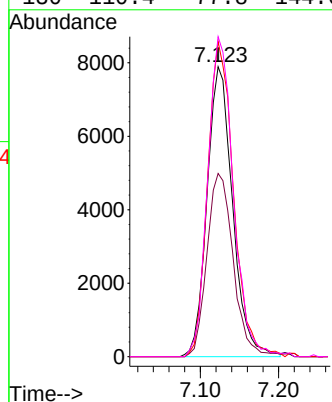
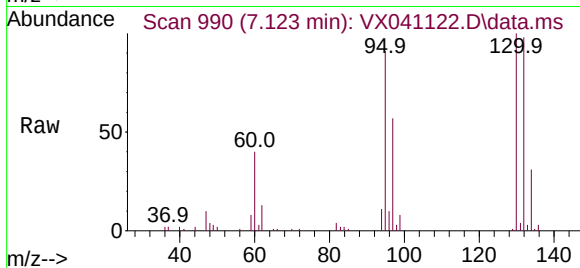
Ion Ratio Lower Upper

95 100

97 63.2 44.1 81.9

132 108.7 74.6 138.6

130 110.4 77.8 144.6



#35

Methylcyclohexane

Concen: 9.576 ug/L

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX041122.D

Acq: 17 Apr 2024 13:28

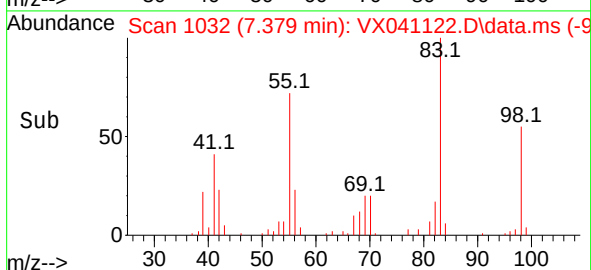
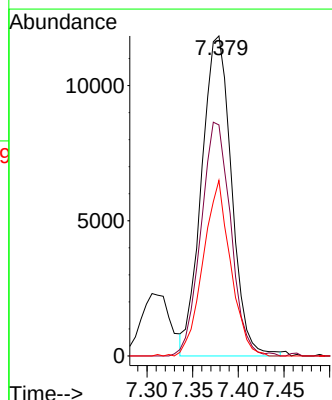
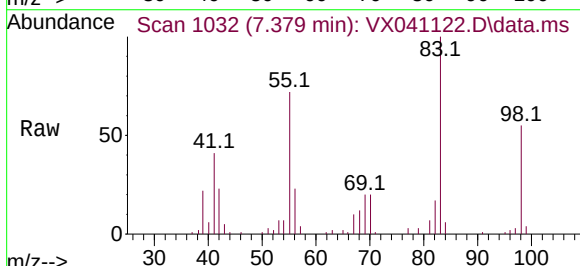
Tgt Ion: 83 Resp: 26981

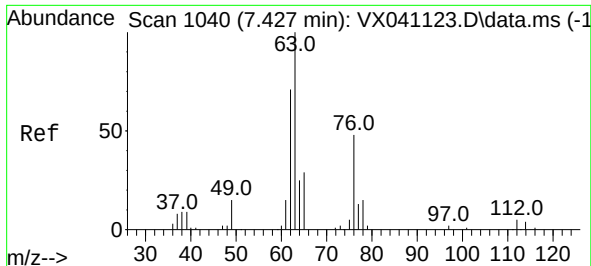
Ion Ratio Lower Upper

83 100

55 72.2 58.7 88.1

98 50.2 40.5 60.7





#37

1,2-Dichloropropane

Concen: 9.715 ug/L

RT: 7.434 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VX041122.D

Acq: 17 Apr 2024 13:28

Instrument :

MSVOA_X

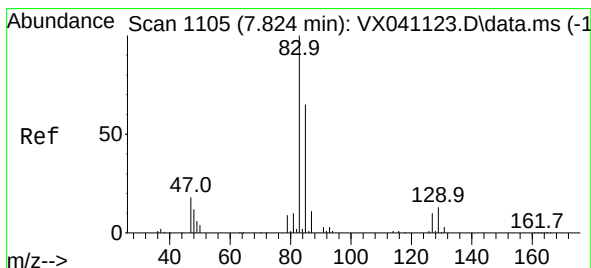
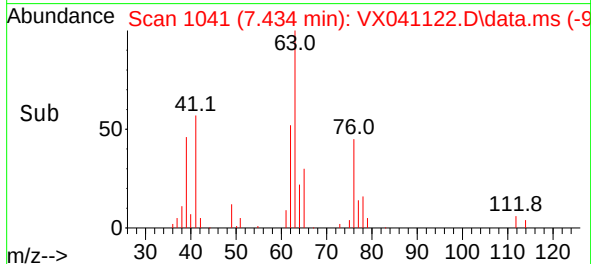
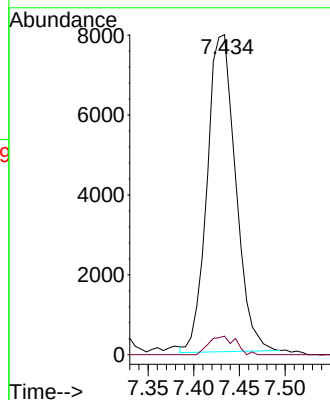
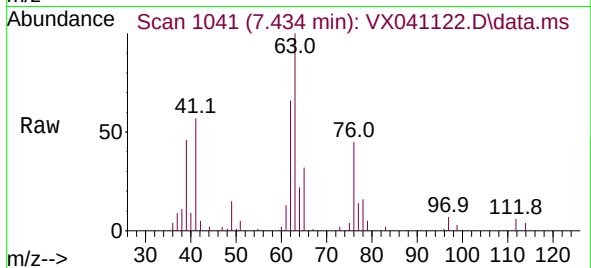
ClientSampleId :

Tgt Ion: 63 Resp: 17252

Ion Ratio Lower Upper

63 100

112 5.3 4.2 6.4



#38

Bromodichloromethane

Concen: 9.025 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX041122.D

Acq: 17 Apr 2024 13:28

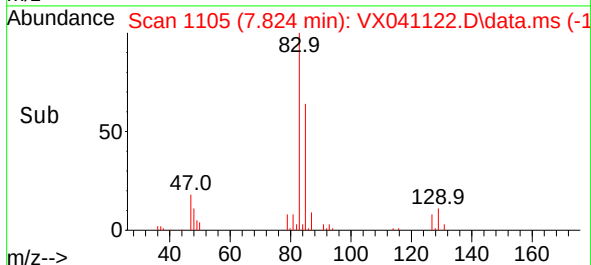
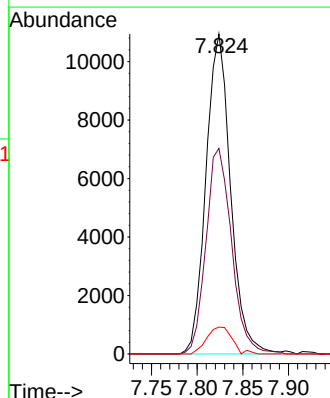
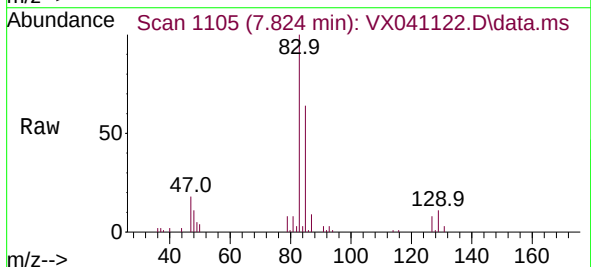
Tgt Ion: 83 Resp: 20487

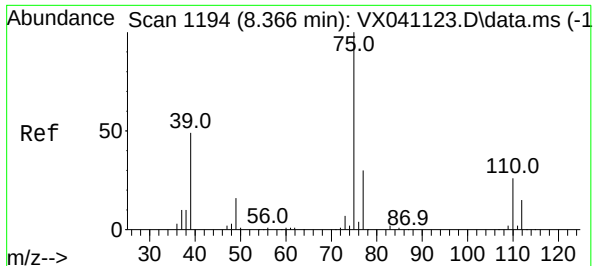
Ion Ratio Lower Upper

83 100

85 64.2 45.6 84.8

127 8.4 7.8 11.8

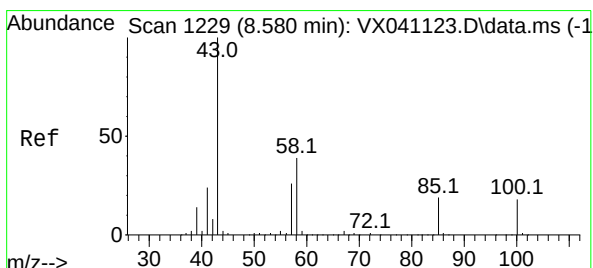
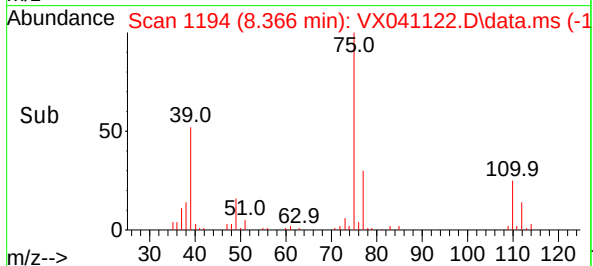
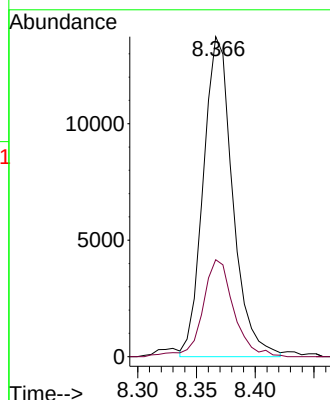
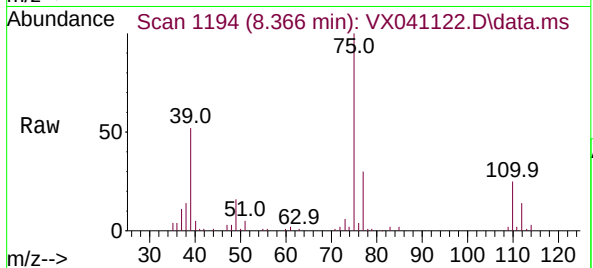




#39
 cis-1,3-Dichloropropene
 Concen: 8.842 ug/L
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX041122.D
 Acq: 17 Apr 2024 13:28

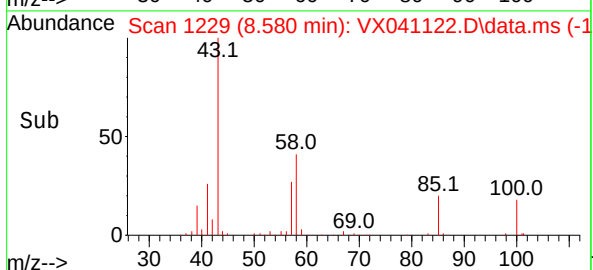
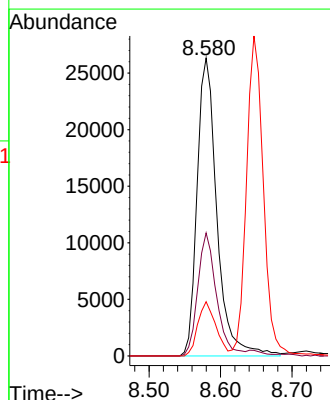
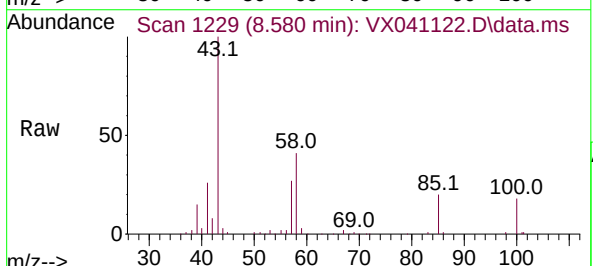
Instrument :
 MSVOA_X
 ClientSampleId :

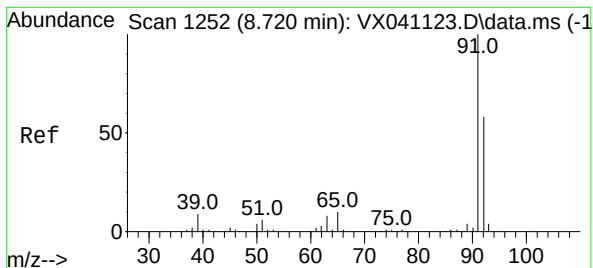
Tgt Ion: 75 Resp: 23921
 Ion Ratio Lower Upper
 75 100
 77 30.3 21.6 40.0



#40
 4-Methyl-2-pentanone
 Concen: 19.218 ug/L
 RT: 8.580 min Scan# 1229
 Delta R.T. 0.000 min
 Lab File: VX041122.D
 Acq: 17 Apr 2024 13:28

Tgt Ion: 43 Resp: 50719
 Ion Ratio Lower Upper
 43 100
 58 38.8 30.6 46.0
 100 16.6 13.8 20.6





#42

Toluene

Concen: 9.887 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX041122.D

Acq: 17 Apr 2024 13:28

Instrument :

MSVOA_X

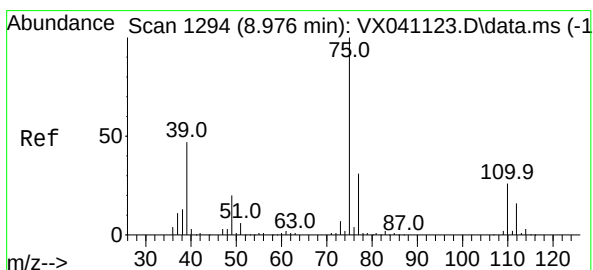
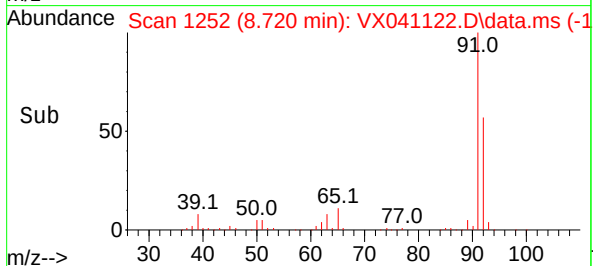
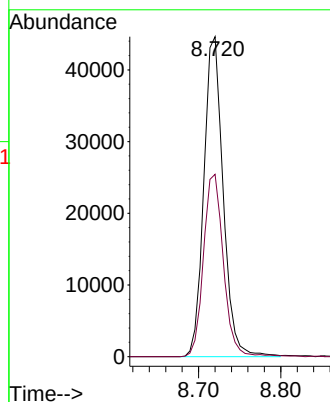
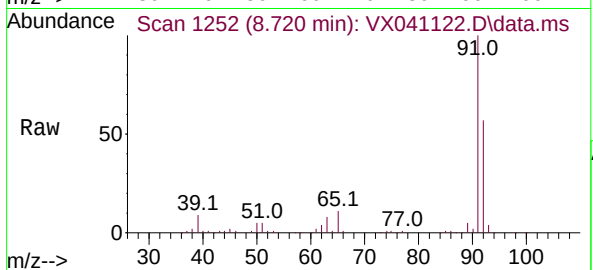
ClientSampleId :

Tgt Ion: 91 Resp: 73022

Ion Ratio Lower Upper

91 100

92 57.0 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 8.552 ug/L

RT: 8.982 min Scan# 1295

Delta R.T. 0.006 min

Lab File: VX041122.D

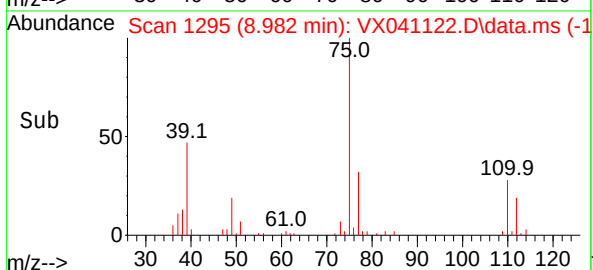
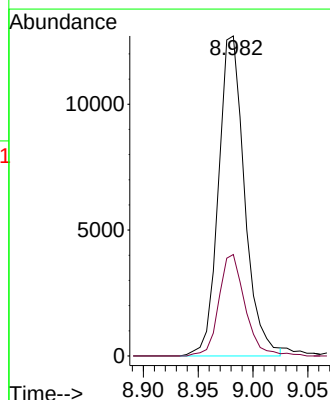
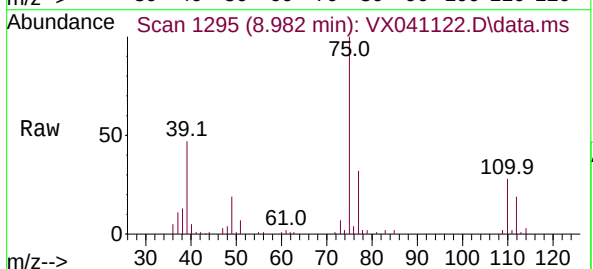
Acq: 17 Apr 2024 13:28

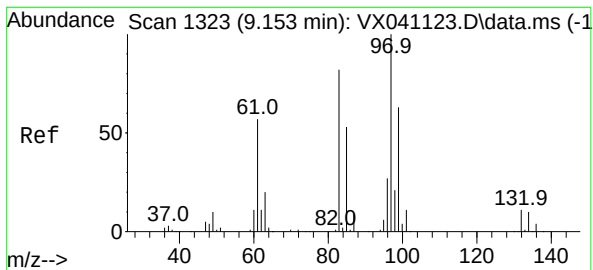
Tgt Ion: 75 Resp: 21074

Ion Ratio Lower Upper

75 100

77 31.7 21.8 40.6





#45

1,1,2-Trichloroethane

Concen: 9.961 ug/L

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX041122.D

Acq: 17 Apr 2024 13:28

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 19066

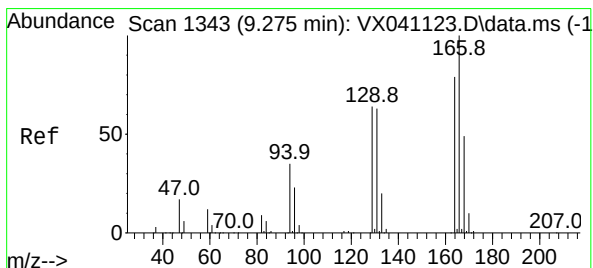
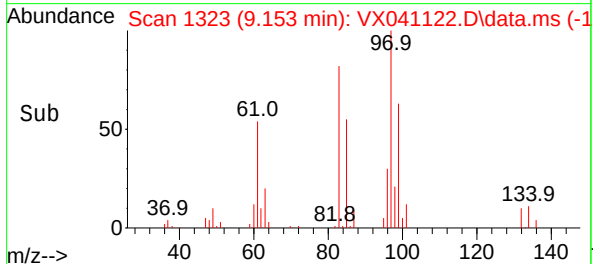
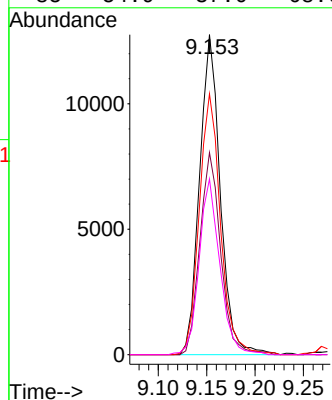
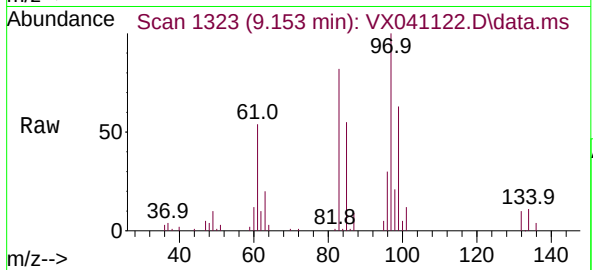
Ion Ratio Lower Upper

97 100

99 63.1 44.4 82.4

83 81.5 57.3 106.5

85 54.9 37.0 68.6



#46

Tetrachloroethene

Concen: 9.552 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX041122.D

Acq: 17 Apr 2024 13:28

Tgt Ion:164 Resp: 16954

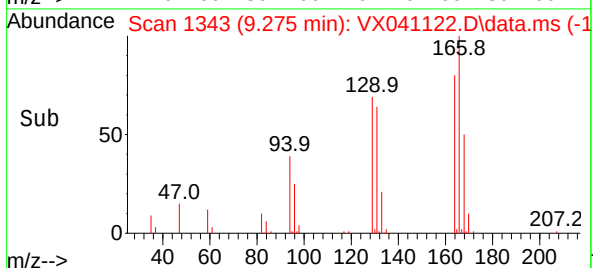
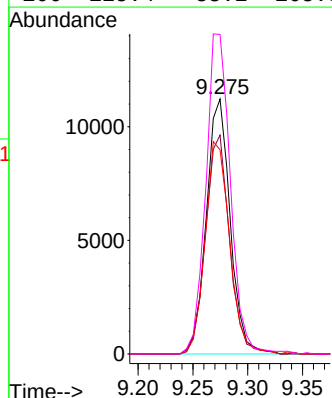
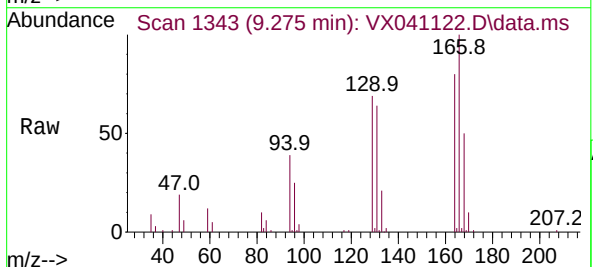
Ion Ratio Lower Upper

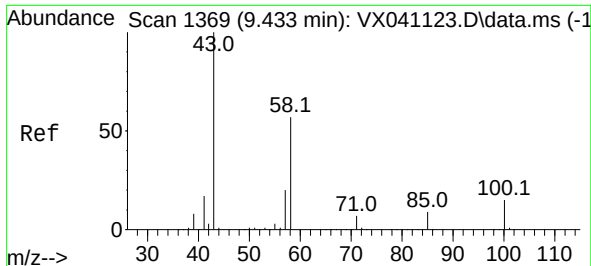
164 100

129 85.9 56.5 104.9

131 80.1 55.2 102.4

166 125.4 88.2 163.8





#48

2-Hexanone

Concen: 19.306 ug/L

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

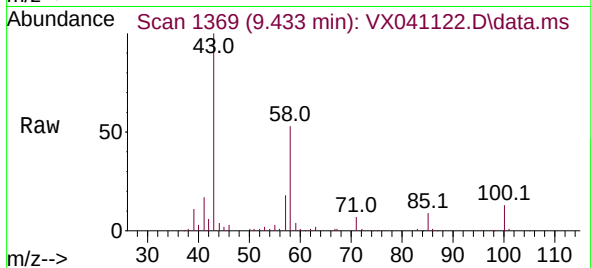
Lab File: VX041122.D

Acq: 17 Apr 2024 13:28

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 43 Resp: 39569

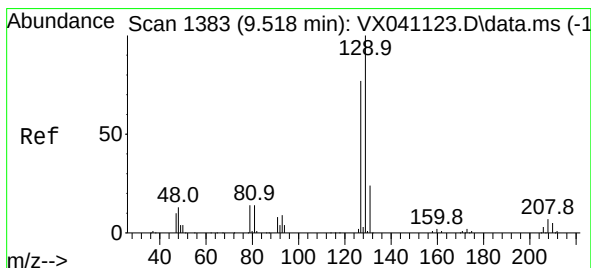
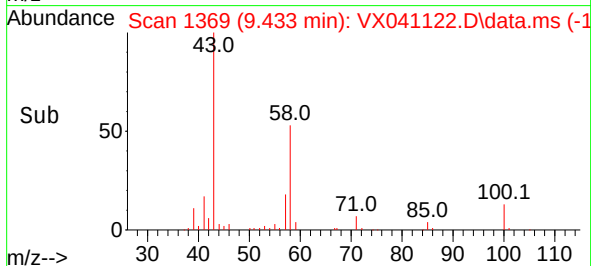
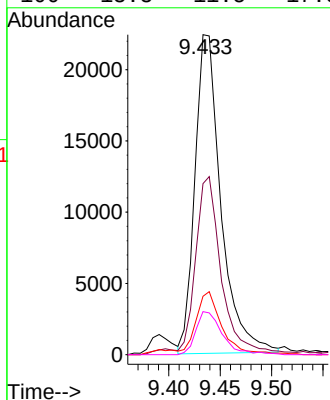
Ion Ratio Lower Upper

43 100

58 55.1 43.8 65.8

57 18.4 15.0 22.6

100 13.3 11.5 17.3



#49

Dibromochloromethane

Concen: 8.699 ug/L

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX041122.D

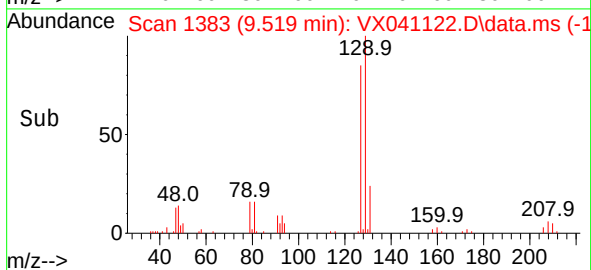
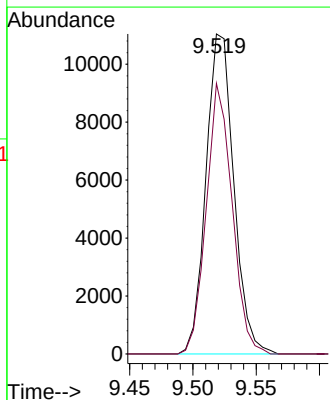
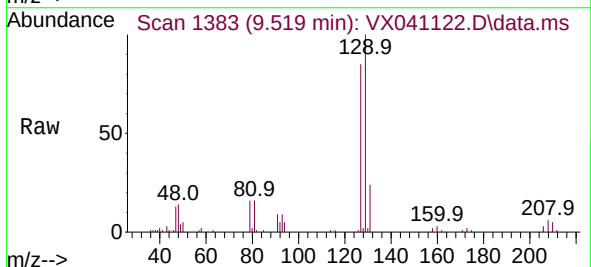
Acq: 17 Apr 2024 13:28

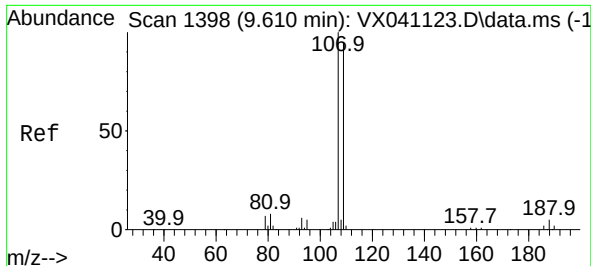
Tgt Ion: 129 Resp: 16913

Ion Ratio Lower Upper

129 100

127 84.5 53.9 100.1





#50

1,2-Dibromoethane

Concen: 9.720 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

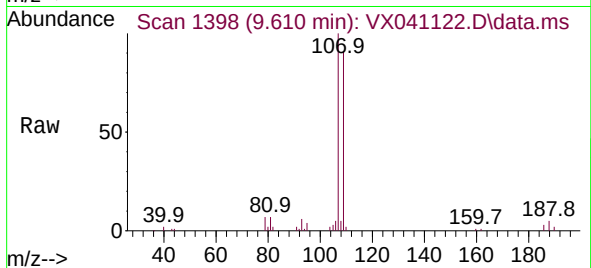
Lab File: VX041122.D

Acq: 17 Apr 2024 13:28

Instrument :

MSVOA_X

ClientSampleId :



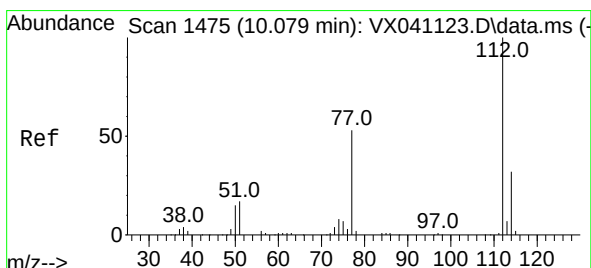
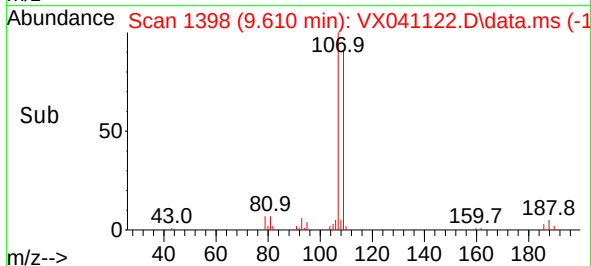
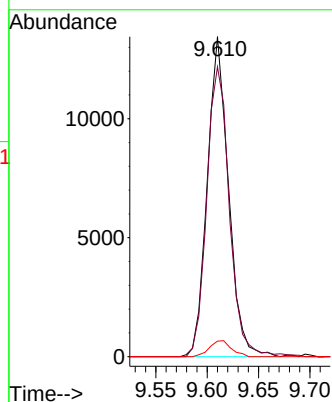
Tgt Ion:107 Resp: 19378

Ion Ratio Lower Upper

107 100

109 90.5 66.6 123.6

188 4.9 3.8 5.8



#51

Chlorobenzene

Concen: 9.988 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX041122.D

Acq: 17 Apr 2024 13:28

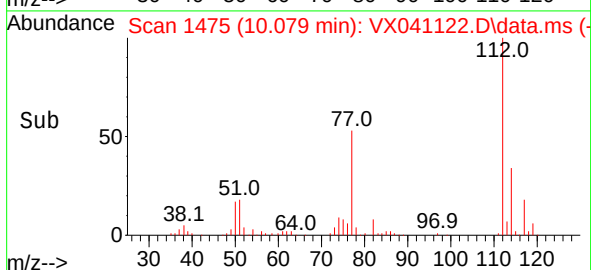
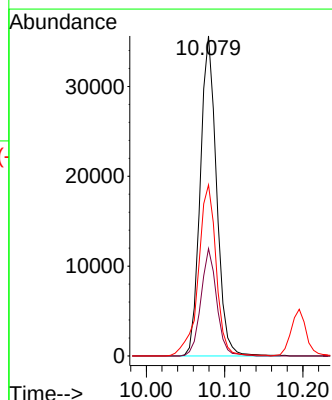
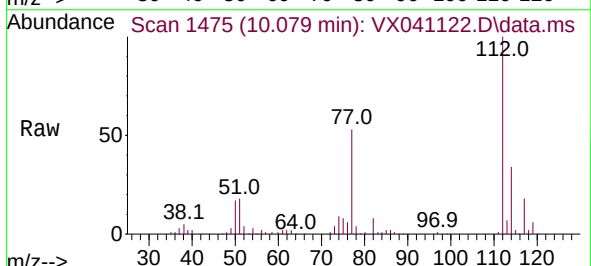
Tgt Ion:112 Resp: 51416

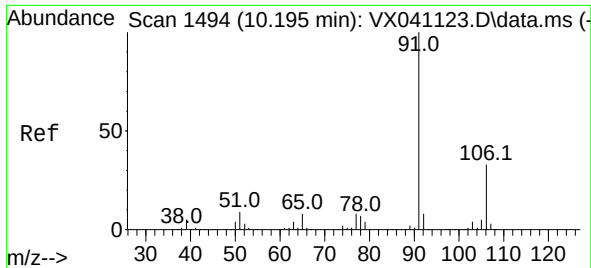
Ion Ratio Lower Upper

112 100

114 33.5 22.5 41.9

77 53.4 42.6 64.0





#52

Ethylbenzene

Concen: 9.596 ug/L

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX041122.D

Acq: 17 Apr 2024 13:28

Instrument :

MSVOA_X

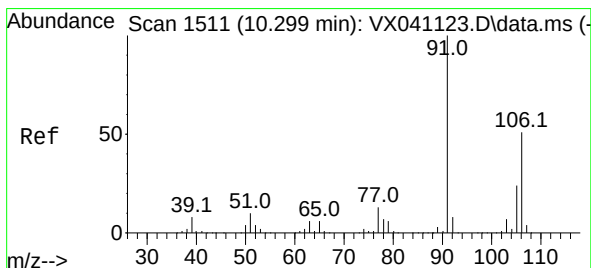
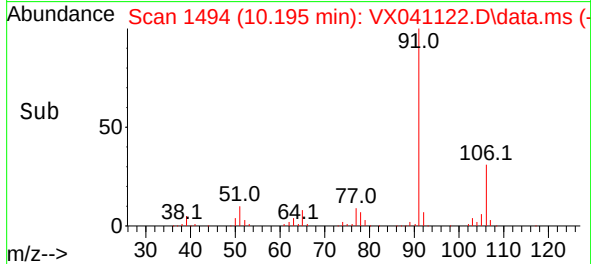
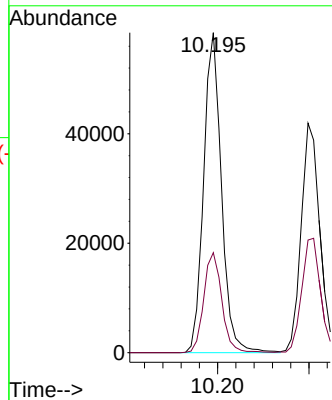
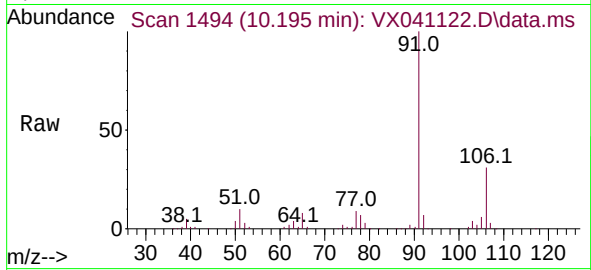
ClientSampleId :

Tgt Ion: 91 Resp: 78966

Ion Ratio Lower Upper

91 100

106 31.2 22.7 42.3



#53

m,p-Xylene

Concen: 9.439 ug/L

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX041122.D

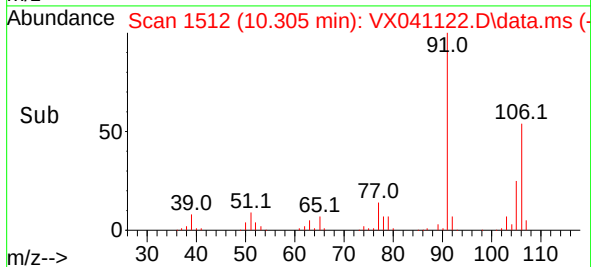
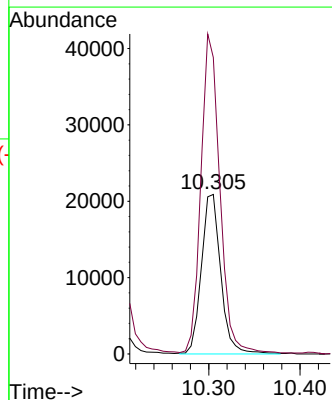
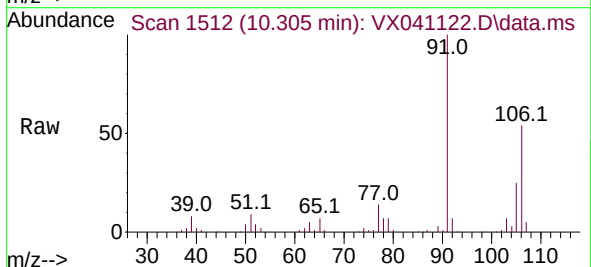
Acq: 17 Apr 2024 13:28

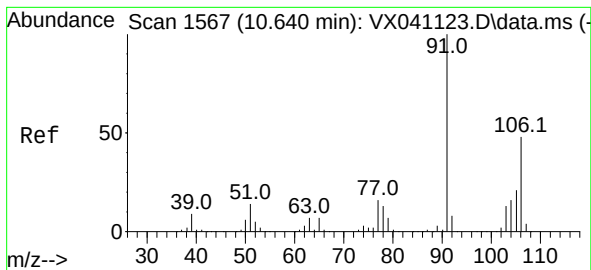
Tgt Ion:106 Resp: 30749

Ion Ratio Lower Upper

106 100

91 185.8 137.2 254.8





#54

o-Xylene

Concen: 9.468 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX041122.D

Acq: 17 Apr 2024 13:28

Instrument :

MSVOA_X

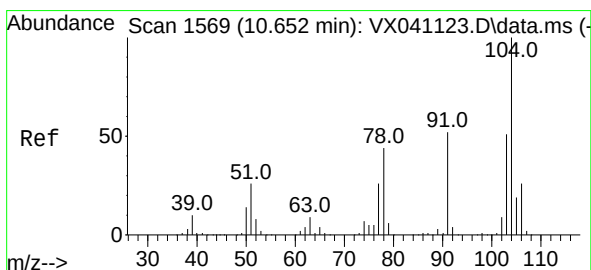
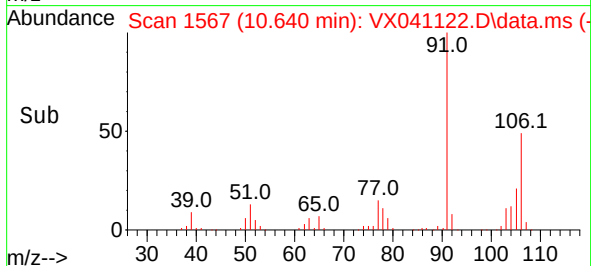
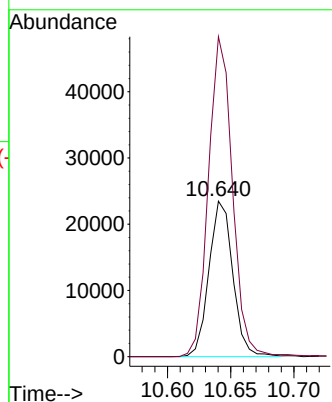
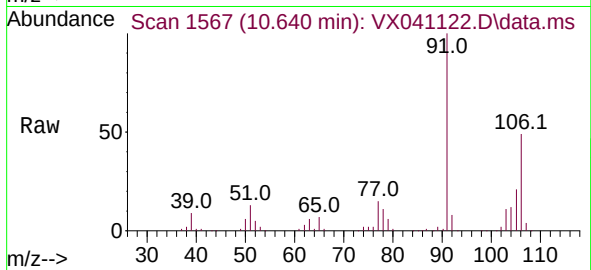
ClientSampleId :

Tgt Ion:106 Resp: 30888

Ion Ratio Lower Upper

106 100

91 205.8 145.4 270.0



#55

Styrene

Concen: 9.226 ug/L

RT: 10.659 min Scan# 1570

Delta R.T. 0.006 min

Lab File: VX041122.D

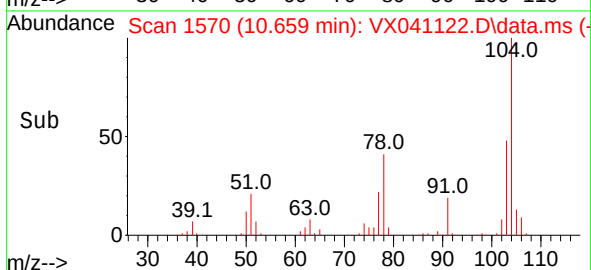
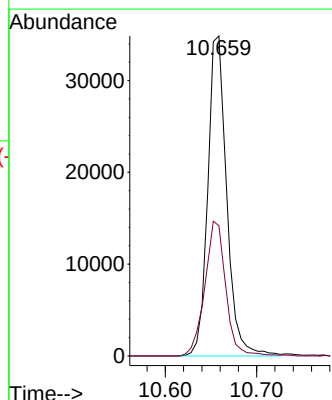
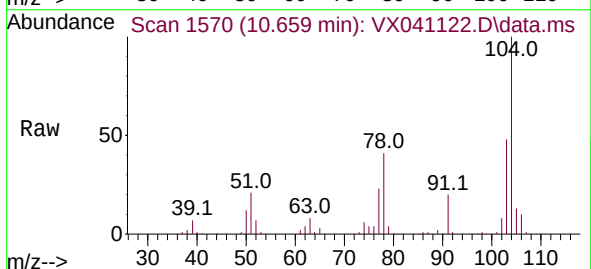
Acq: 17 Apr 2024 13:28

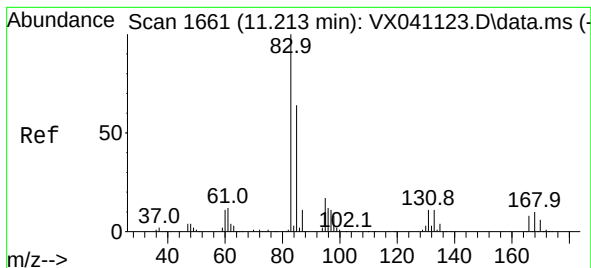
Tgt Ion:104 Resp: 50090

Ion Ratio Lower Upper

104 100

78 40.7 30.4 56.5





#57

1,1,2,2-Tetrachloroethane

Concen: 9.979 ug/L

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX041122.D

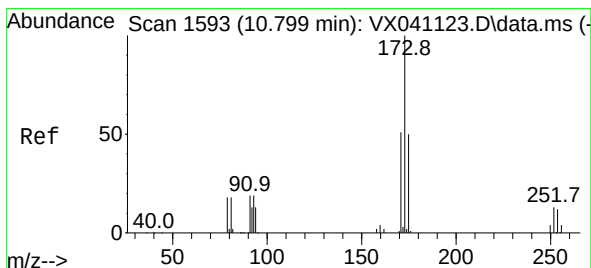
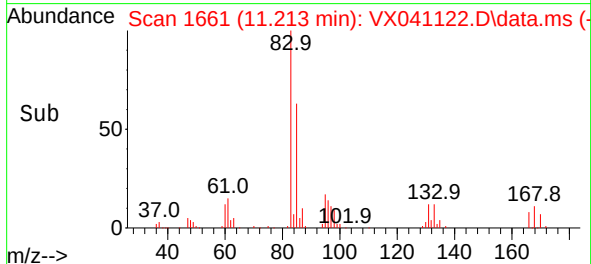
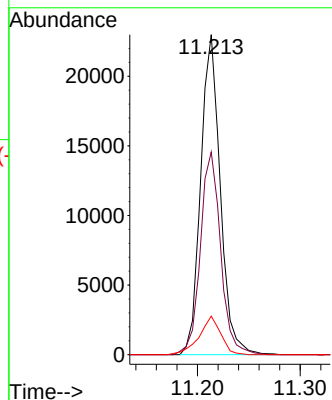
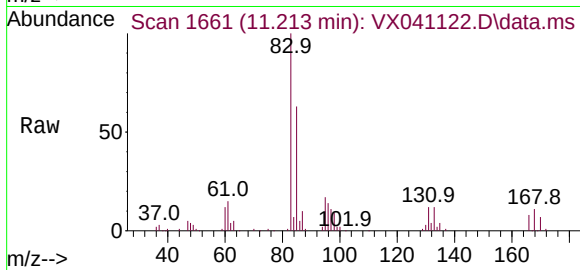
Acq: 17 Apr 2024 13:28

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	83	Resp:	30496
Ion Ratio	Lower	Upper	
83	100		
85	63.4	45.0	83.6
131	12.1	9.0	13.4



#59

Bromoform

Concen: 9.002 ug/L

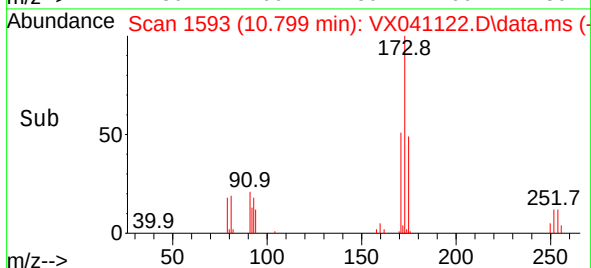
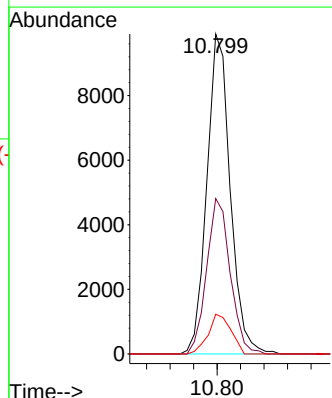
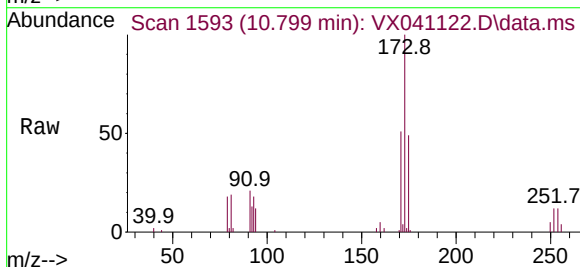
RT: 10.799 min Scan# 1593

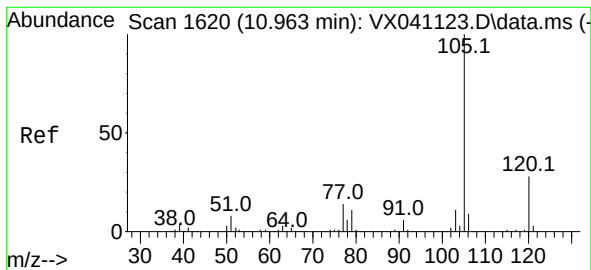
Delta R.T. 0.000 min

Lab File: VX041122.D

Acq: 17 Apr 2024 13:28

Tgt Ion:	173	Resp:	13677
Ion Ratio	Lower	Upper	
173	100		
175	49.0	39.4	59.2
254	12.1	10.5	15.7





#60

Isopropylbenzene

Concen: 10.043 ug/L

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041122.D

Acq: 17 Apr 2024 13:28

Instrument :

MSVOA_X

ClientSampleId :

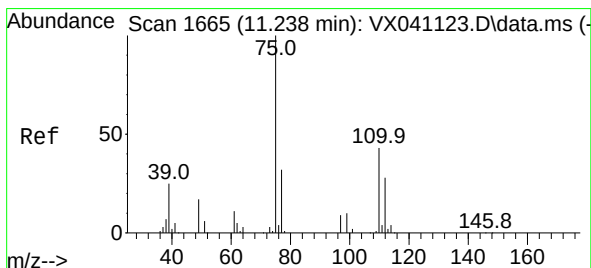
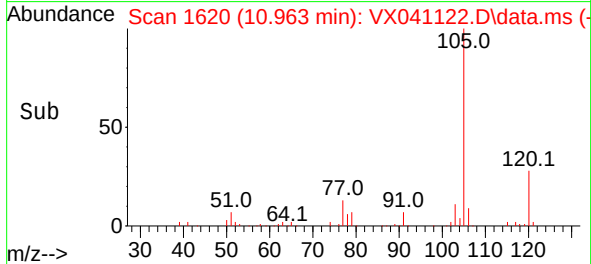
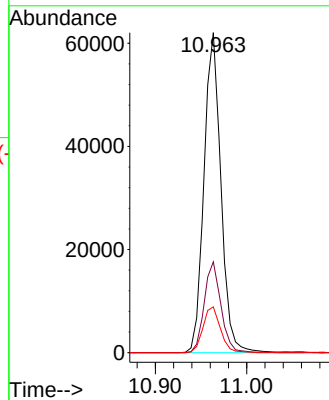
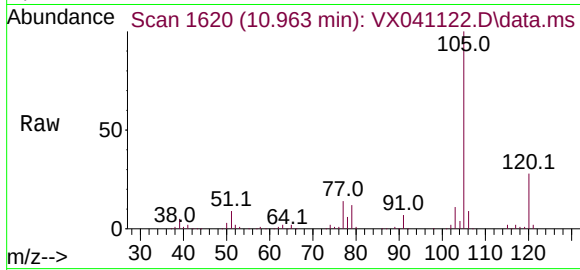
Tgt Ion:105 Resp: 79680

Ion Ratio Lower Upper

105 100

120 28.0 21.8 32.8

77 14.8 11.7 17.5



#61

1,2,3-Trichloropropane

Concen: 10.923 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX041122.D

Acq: 17 Apr 2024 13:28

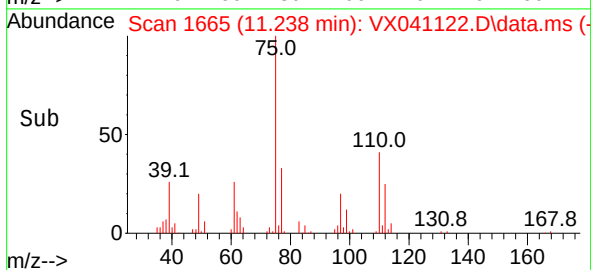
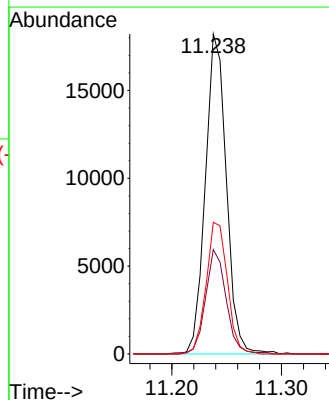
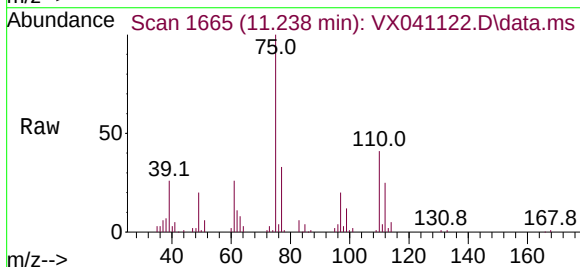
Tgt Ion: 75 Resp: 24224

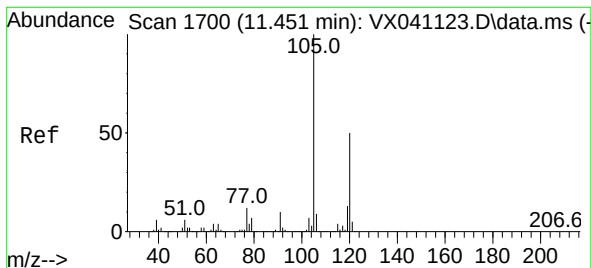
Ion Ratio Lower Upper

75 100

77 31.1 25.5 38.3

110 41.6 35.0 52.6





#62

1,3,5-Trimethylbenzene

Concen: 9.732 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX041122.D

Acq: 17 Apr 2024 13:28

Instrument :

MSVOA_X

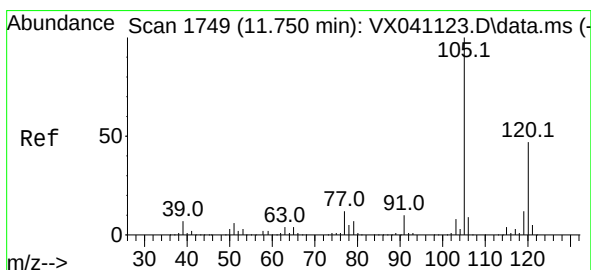
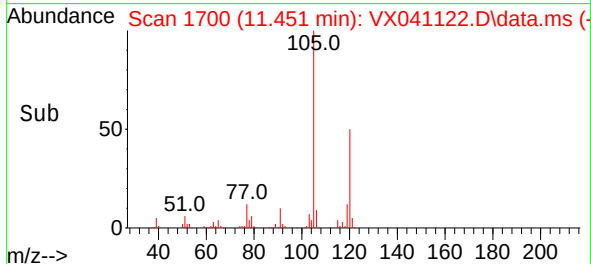
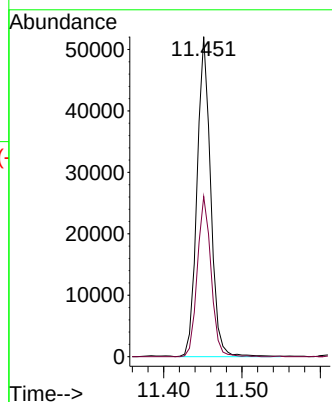
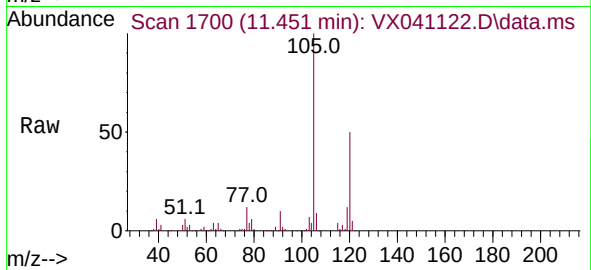
ClientSampleId :

Tgt Ion:105 Resp: 63051

Ion Ratio Lower Upper

105 100

120 50.2 41.2 61.8



#63

1,2,4-Trimethylbenzene

Concen: 9.667 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX041122.D

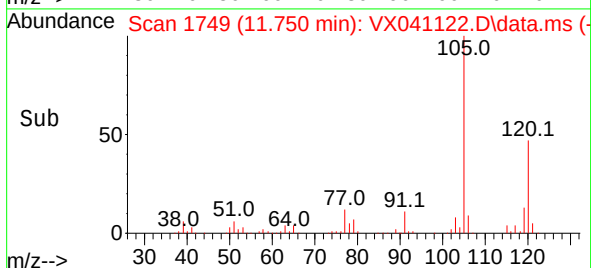
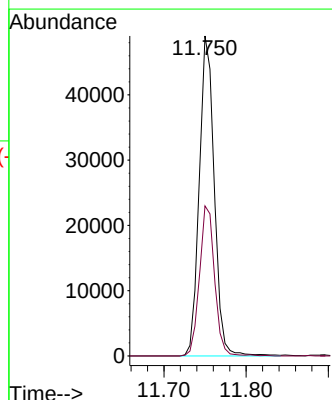
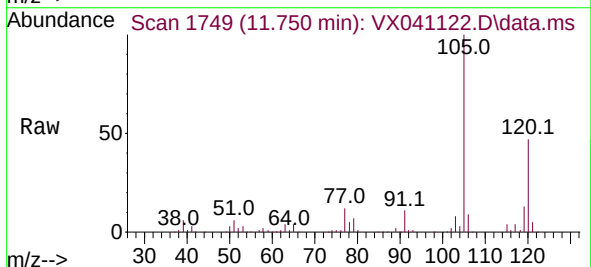
Acq: 17 Apr 2024 13:28

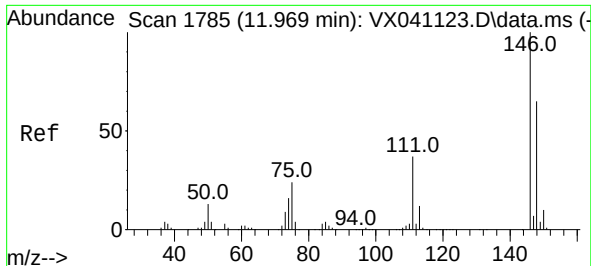
Tgt Ion:105 Resp: 62290

Ion Ratio Lower Upper

105 100

120 46.9 38.2 57.2





#64

1,3-Dichlorobenzene

Concen: 9.895 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX041122.D

Acq: 17 Apr 2024 13:28

Instrument :

MSVOA_X

ClientSampleId :

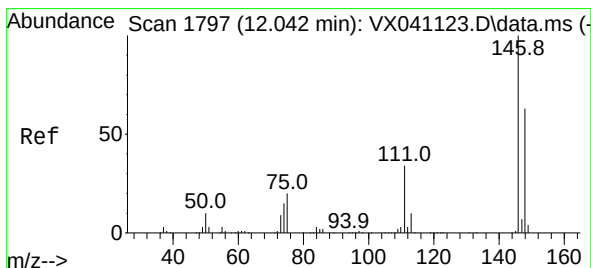
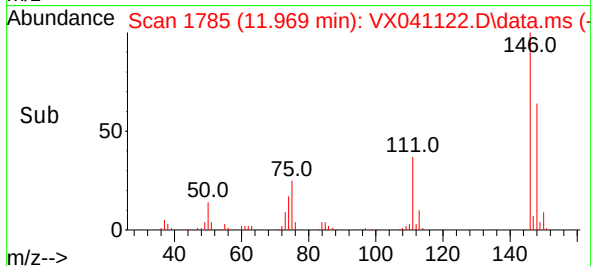
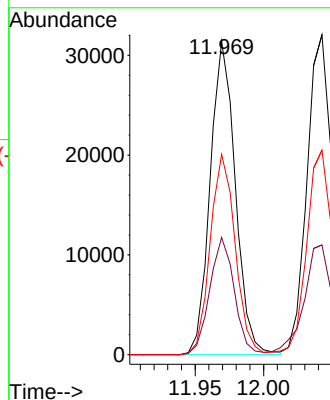
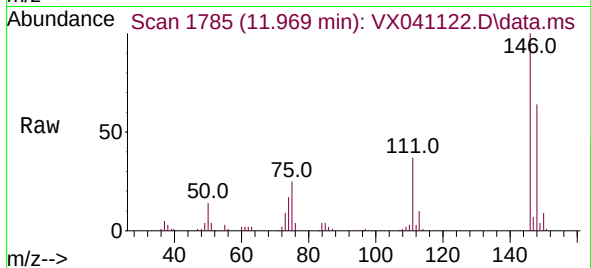
Tgt Ion:146 Resp: 40058

Ion Ratio Lower Upper

146 100

111 37.5 25.6 47.4

148 63.9 45.2 84.0



#65

1,4-Dichlorobenzene

Concen: 10.120 ug/L

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX041122.D

Acq: 17 Apr 2024 13:28

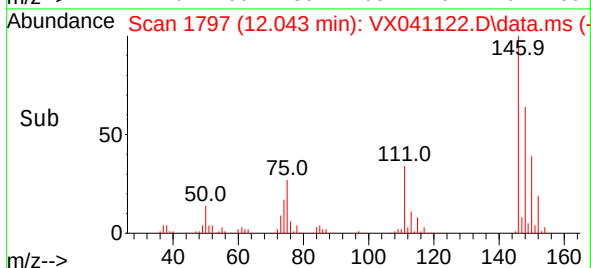
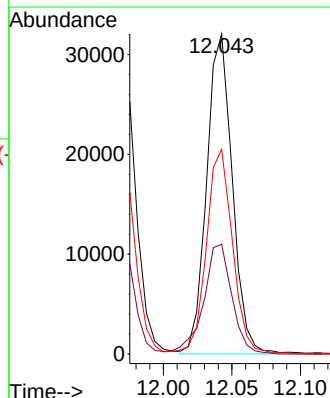
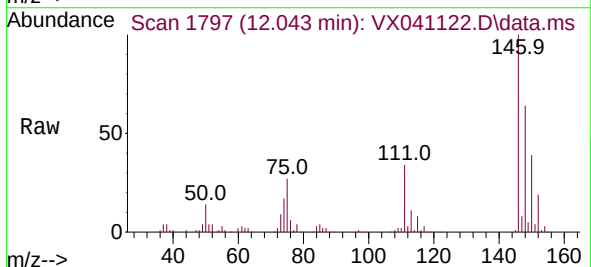
Tgt Ion:146 Resp: 41792

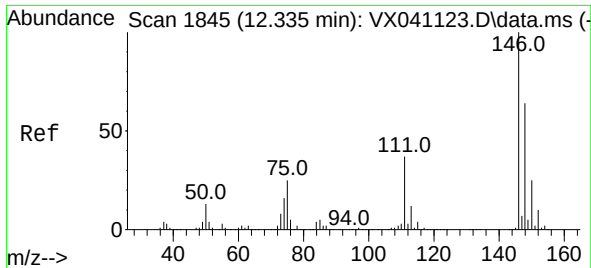
Ion Ratio Lower Upper

146 100

111 34.3 23.9 44.5

148 64.0 44.2 82.0





#67

1,2-Dichlorobenzene

Concen: 10.193 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX041122.D

Acq: 17 Apr 2024 13:28

Instrument :

MSVOA_X

ClientSampleId :

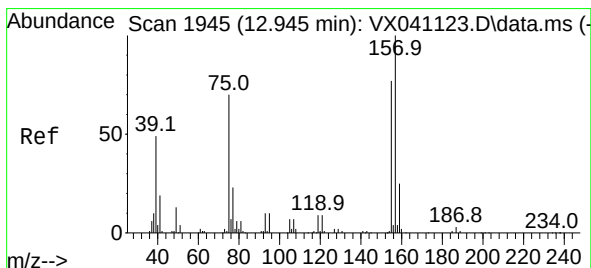
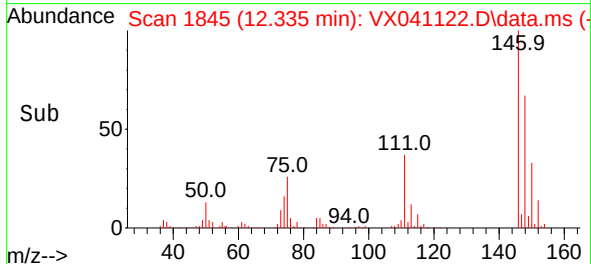
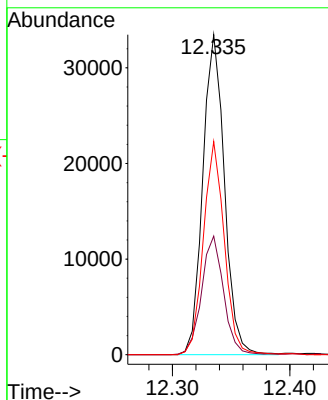
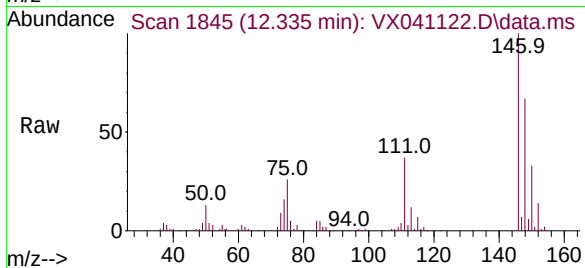
Tgt Ion:146 Resp: 42793

Ion Ratio Lower Upper

146 100

111 37.1 30.0 45.0

148 66.6 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 9.416 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VX041122.D

Acq: 17 Apr 2024 13:28

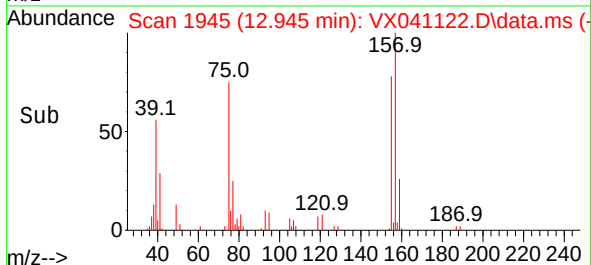
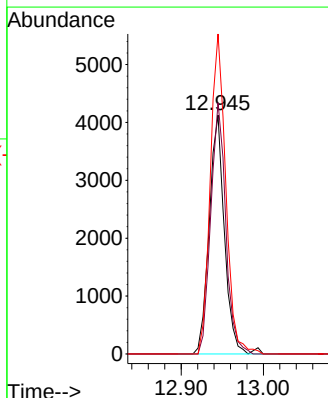
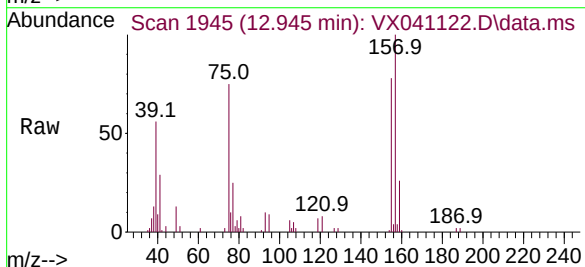
Tgt Ion: 75 Resp: 5329

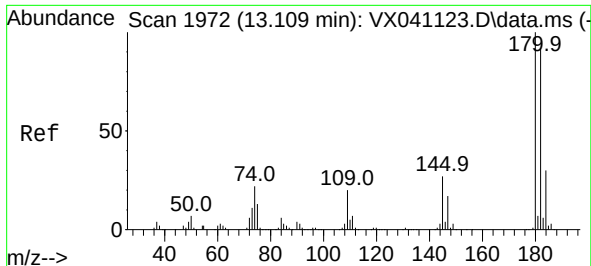
Ion Ratio Lower Upper

75 100

155 105.1 89.0 133.6

157 133.9 115.1 172.7





#69

1,3,5-Trichlorobenzene

Concen: 9.408 ug/L

RT: 13.109 min Scan# 1972

Delta R.T. 0.000 min

Lab File: VX041122.D

Acq: 17 Apr 2024 13:28

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:180 Resp: 29660

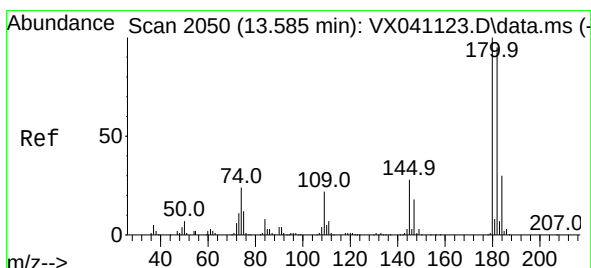
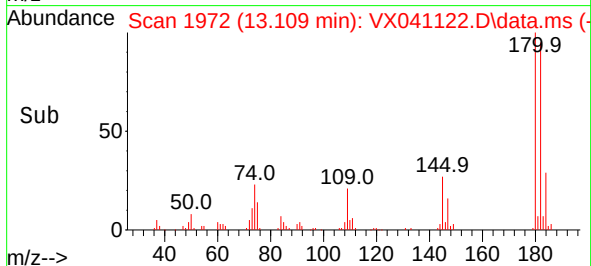
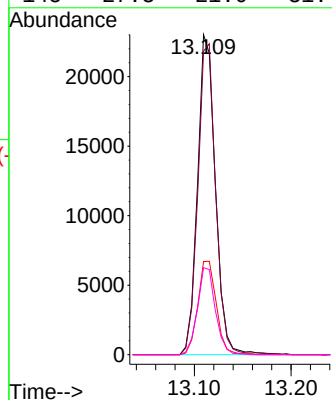
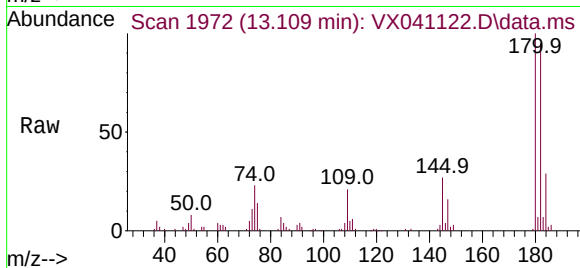
Ion Ratio Lower Upper

180 100

182 96.5 76.8 115.2

184 30.1 24.3 36.5

145 27.3 21.0 31.4



#70

1,2,4-trichlorobenzene

Concen: 9.094 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX041122.D

Acq: 17 Apr 2024 13:28

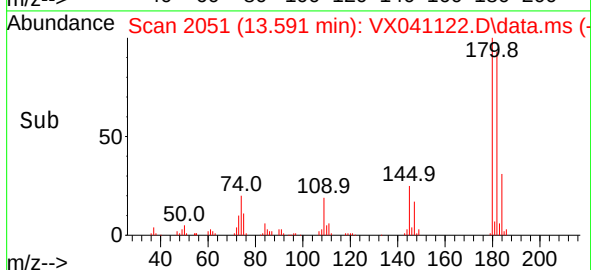
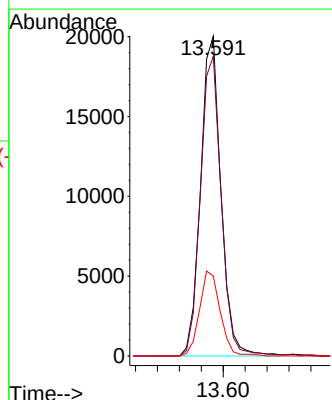
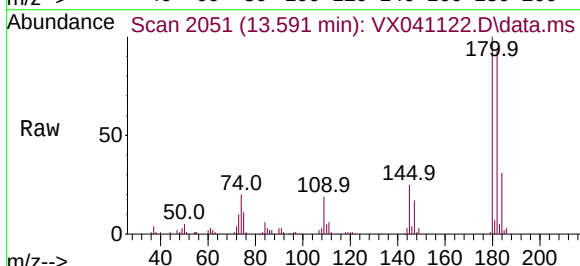
Tgt Ion:180 Resp: 25855

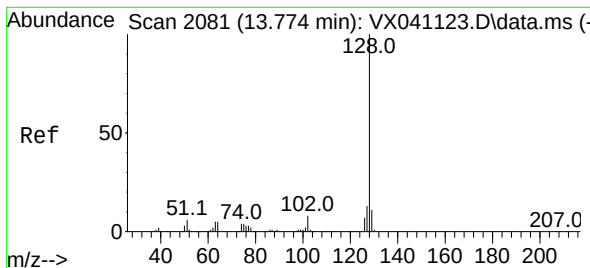
Ion Ratio Lower Upper

180 100

182 95.3 76.2 114.4

145 26.8 21.8 32.6





#71

Naphthalene

Concen: 9.058 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX041122.D

Acq: 17 Apr 2024 13:28

Instrument :

MSVOA_X

ClientSampleId :

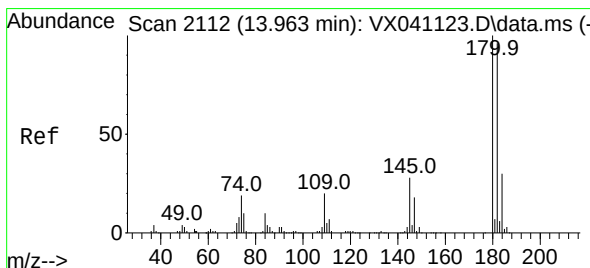
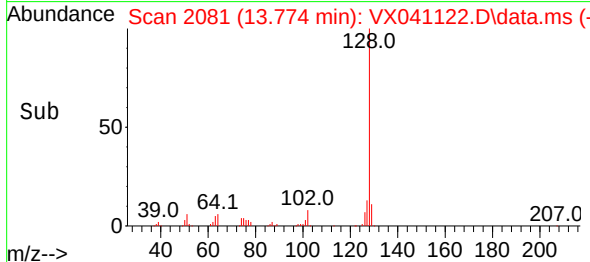
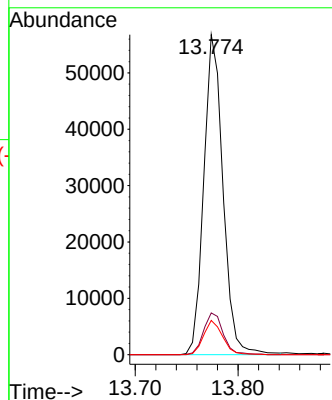
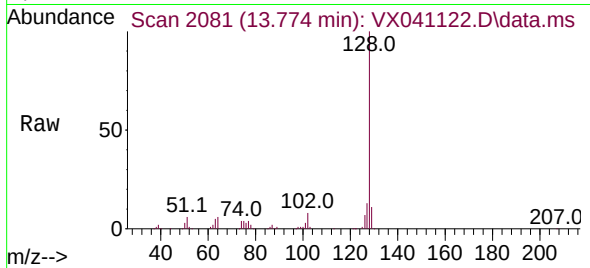
Tgt Ion:128 Resp: 73908

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

129 10.6 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 9.400 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX041122.D

Acq: 17 Apr 2024 13:28

Tgt Ion:180 Resp: 27897

Ion Ratio Lower Upper

180 100

182 97.2 76.5 114.7

145 29.1 23.1 34.7

