

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041724\
 Data File : VX041124.D
 Acq On : 17 Apr 2024 14:14
 Operator : JC/MD
 Sample : VSTD100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 18 01:28:44 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	6.763	114	304073	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	282200	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	160189	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	218993	100.650	ug/L	0.00
7) Chloroethane-d5	1.648	69	106966	100.009	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.294	65	92693	99.440	ug/L	0.00
21) 2-Butanone-d5	4.471	46	252036	202.914	ug/L	0.00
24) Chloroform-d	5.056	84	411865	102.842	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	252068	99.048	ug/L	0.00
32) Benzene-d6	5.970	84	823307	101.284	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.305	67	237305	100.856	ug/L	0.00
41) Toluene-d8	8.647	98	766992	100.584	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	116102	110.302	ug/L	0.00
47) 2-Hexanone-d5	9.390	63	204844	214.434	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	352157	102.584	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	346087	100.463	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	193687	101.801	ug/L	100
3) Chloromethane	1.300	50	184416	101.254	ug/L	100
5) Vinyl chloride	1.374	62	201299	102.578	ug/L	100
6) Bromomethane	1.599	94	103578	100.726	ug/L	100
8) Chloroethane	1.666	64	69481	94.612	ug/L	96
9) Trichlorofluoromethane	1.855	101	290100	98.587	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.312	101	203872	102.287	ug/L	99
12) 1,1-Dichloroethene	2.306	96	175866	103.279	ug/L	99
13) Acetone	2.398	43	196480	197.214	ug/L	99
14) Carbon disulfide	2.495	76	372945	112.547	ug/L	100
15) Methyl Acetate	2.709	43	215623	101.883	ug/L	100
16) Methylene chloride	2.782	84	193568	103.050	ug/L	98
17) trans-1,2-Dichloroethene	3.081	96	178721	103.866	ug/L	98
18) Methyl tert-butyl Ether	3.123	73	618879	104.477	ug/L	100
19) 1,1-Dichloroethane	3.605	63	342192	104.368	ug/L	99
20) cis-1,2-Dichloroethene	4.483	96	215103	104.864	ug/L	98
22) 2-Butanone	4.568	43	308347	206.712	ug/L	97
23) Bromochloromethane	4.903	128	114027	106.769	ug/L	97
25) Chloroform	5.092	83	367180	104.242	ug/L	98
27) 1,2-Dichloroethane	6.086	62	286451	103.051	ug/L	99
29) Cyclohexane	5.458	56	297726	104.873	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	322934	105.478	ug/L	99
31) Carbon tetrachloride	5.672	117	283925	107.873	ug/L	99
33) Benzene	6.031	78	752486	102.234	ug/L	100
34) Trichloroethene	7.123	95	204348	102.560	ug/L	98
35) Methylcyclohexane	7.379	83	320008	105.673	ug/L	99
37) 1,2-Dichloropropane	7.427	63	197801	103.633	ug/L	100
38) Bromodichloromethane	7.818	83	262658	107.658	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	320378	110.185	ug/L	97
40) 4-Methyl-2-pentanone	8.580	43	597899	210.790	ug/L	98
42) Toluene	8.714	91	819917	103.292	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	297283	112.251	ug/L	99

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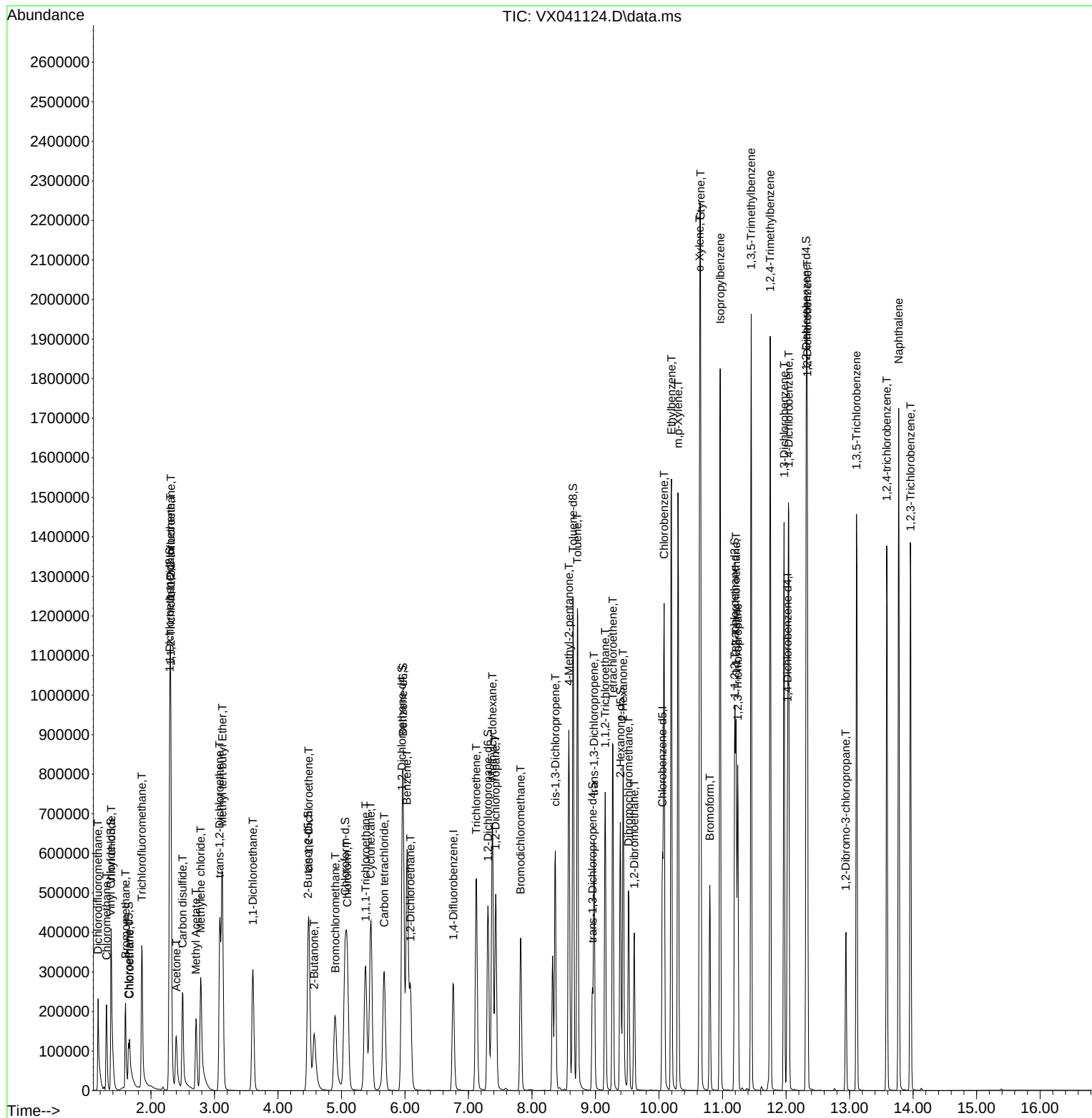
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	211834	102.973	ug/L	99
46) Tetrachloroethene	9.275	164	196891	103.208	ug/L	98
48) 2-Hexanone	9.433	43	466876	211.941	ug/L	98
49) Dibromochloromethane	9.518	129	231422	110.747	ug/L	99
50) 1,2-Dibromoethane	9.610	107	224561	104.805	ug/L	100
51) Chlorobenzene	10.079	112	564369	102.006	ug/L	100
52) Ethylbenzene	10.195	91	929921	105.145	ug/L	98
53) m,p-Xylene	10.299	106	370055	105.694	ug/L	97
54) o-Xylene	10.640	106	370168	105.567	ug/L	97
55) Styrene	10.652	104	627620	107.561	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	338643	103.102	ug/L	99
59) Bromoform	10.799	173	200921	111.057	ug/L	99
60) Isopropylbenzene	10.963	105	978417	103.555	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	258449	97.864	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	815753	105.739	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	819748	106.831	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	499562	103.625	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	496273	100.913	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	508275	101.665	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	72946	108.234	ug/L	87
69) 1,3,5-Trichlorobenzene	13.109	180	394999	105.216	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	368735	108.917	ug/L	99
71) Naphthalene	13.774	128	1081191	111.269	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	380533	107.668	ug/L	100

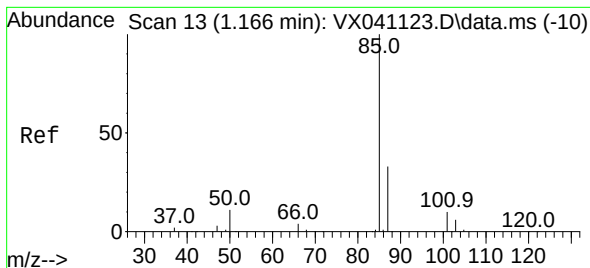
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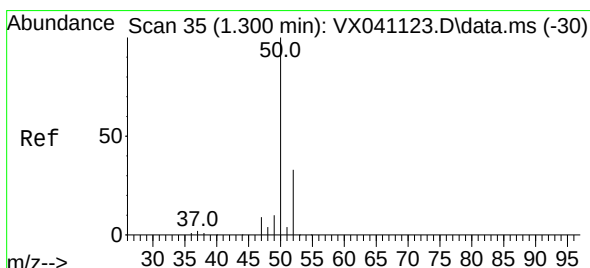
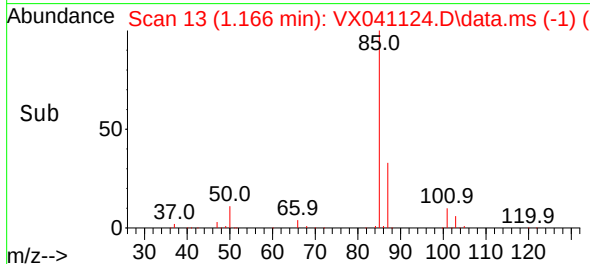
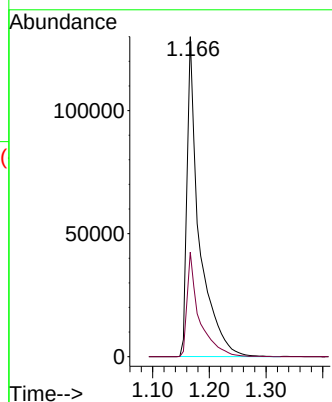
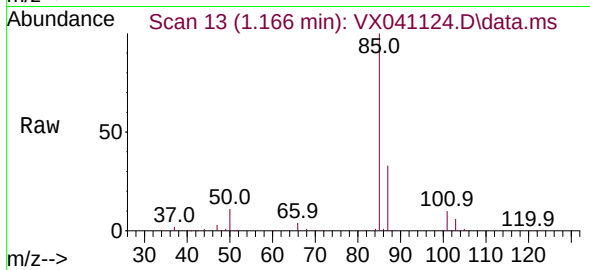




#2
 Dichlorodifluoromethane
 Concen: 101.801 ug/L
 RT: 1.166 min Scan# 14
 Delta R.T. 0.000 min
 Lab File: VX041124.D
 Acq: 17 Apr 2024 14:14

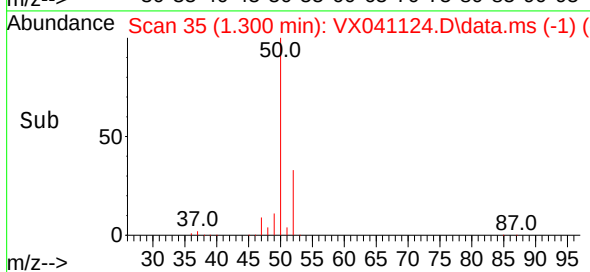
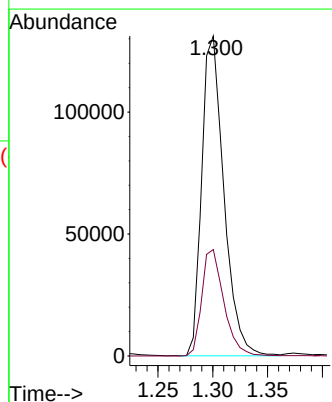
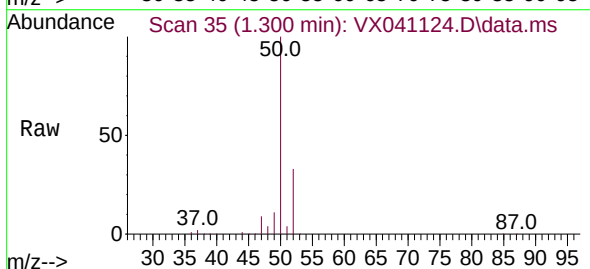
Instrument :
 MSVOA_X
 ClientSampleId :

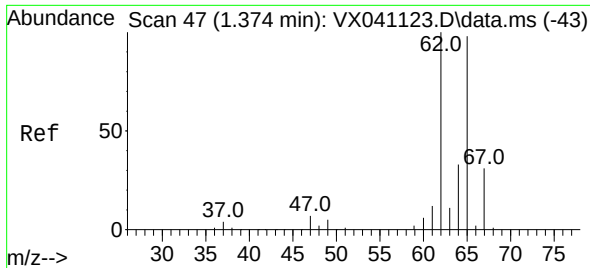
Tgt Ion: 85 Resp: 193687
 Ion Ratio Lower Upper
 85 100
 87 32.5 26.2 39.2



#3
 Chloromethane
 Concen: 101.254 ug/L
 RT: 1.300 min Scan# 35
 Delta R.T. 0.000 min
 Lab File: VX041124.D
 Acq: 17 Apr 2024 14:14

Tgt Ion: 50 Resp: 184416
 Ion Ratio Lower Upper
 50 100
 52 33.3 23.2 43.2

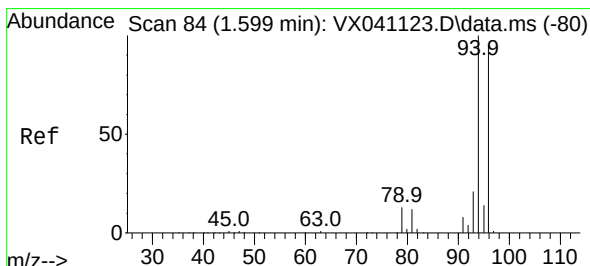
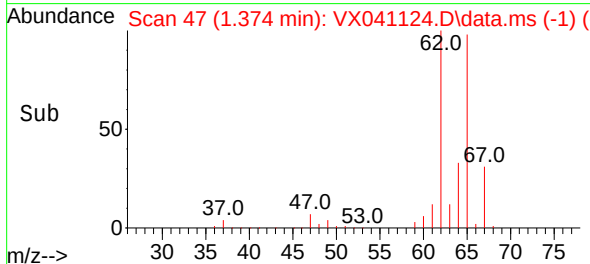
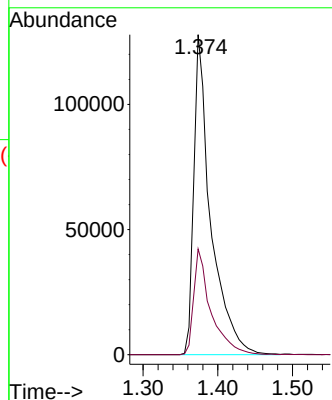
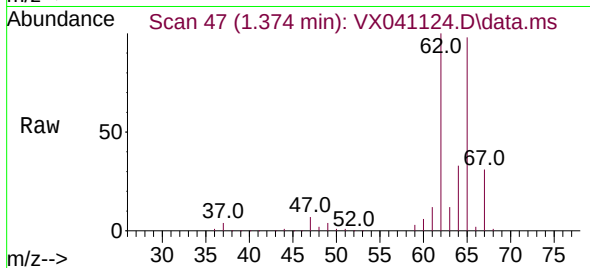




#5
 Vinyl chloride
 Concen: 102.578 ug/L
 RT: 1.374 min Scan# 47
 Delta R.T. 0.000 min
 Lab File: VX041124.D
 Acq: 17 Apr 2024 14:14

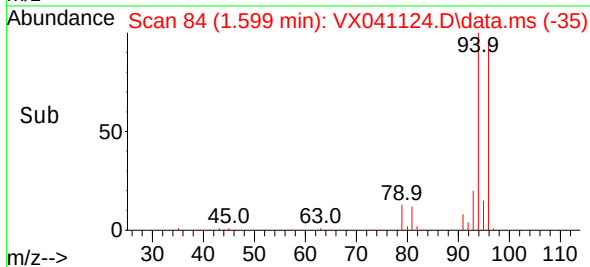
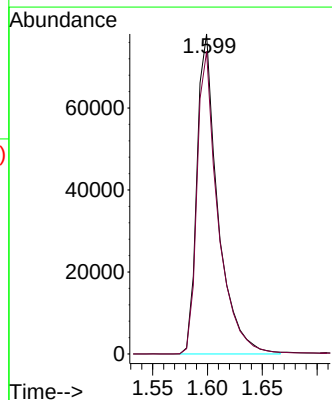
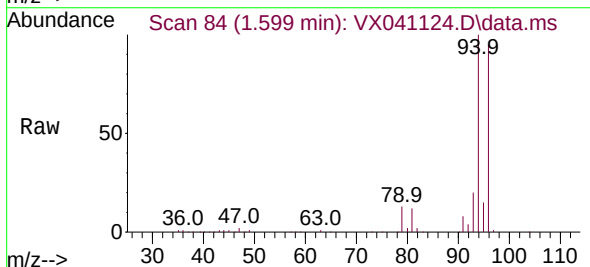
Instrument :
 MSVOA_X
 ClientSampleId :

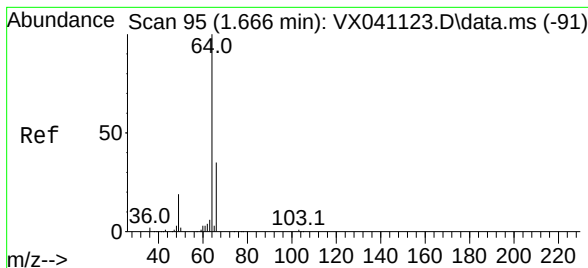
Tgt Ion: 62 Resp: 201299
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.0 42.8



#6
 Bromomethane
 Concen: 100.726 ug/L
 RT: 1.599 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VX041124.D
 Acq: 17 Apr 2024 14:14

Tgt Ion: 94 Resp: 103578
 Ion Ratio Lower Upper
 94 100
 96 94.5 66.5 123.5





#8

Chloroethane

Concen: 94.612 ug/L

RT: 1.666 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX041124.D

Acq: 17 Apr 2024 14:14

Instrument :

MSVOA_X

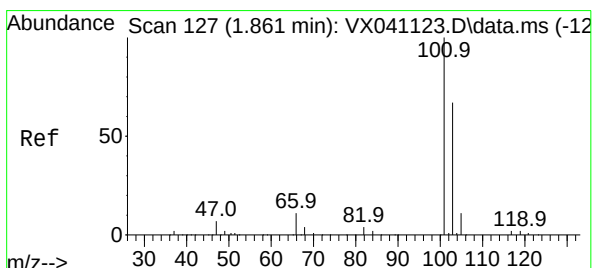
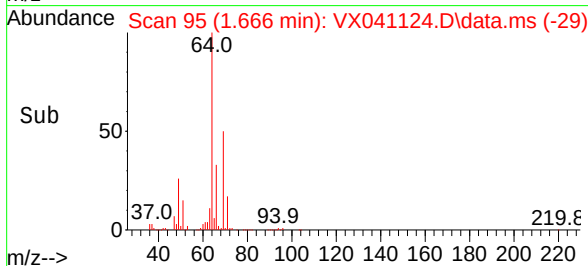
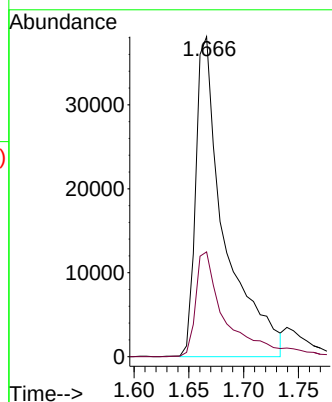
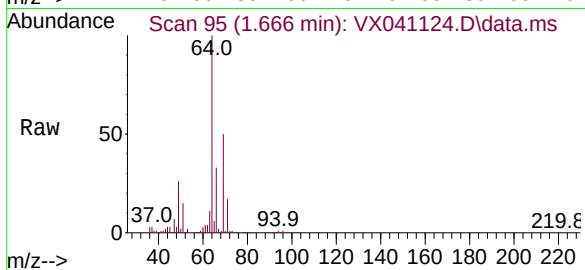
ClientSampleId :

Tgt Ion: 64 Resp: 69481

Ion Ratio Lower Upper

64 100

66 32.7 24.7 45.9



#9

Trichlorofluoromethane

Concen: 98.587 ug/L

RT: 1.855 min Scan# 126

Delta R.T. -0.006 min

Lab File: VX041124.D

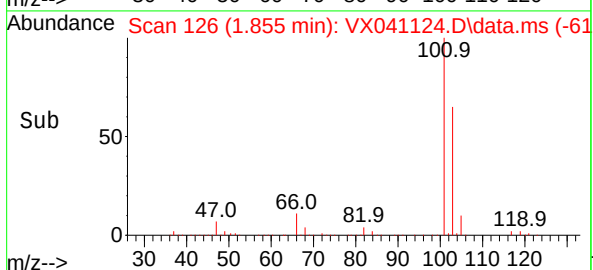
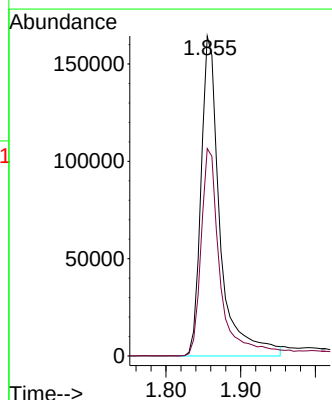
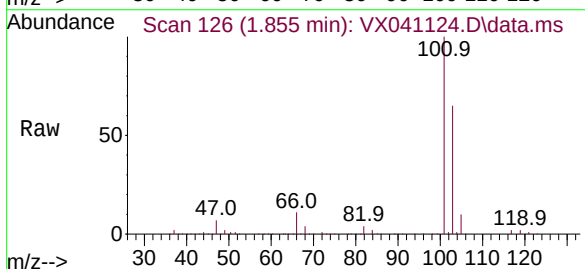
Acq: 17 Apr 2024 14:14

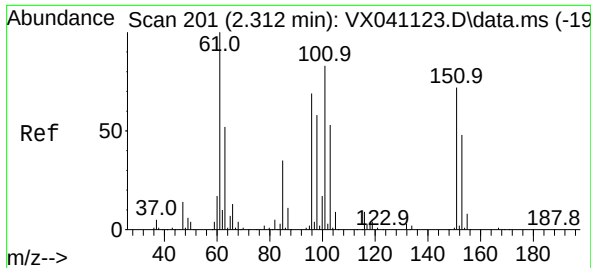
Tgt Ion:101 Resp: 290100

Ion Ratio Lower Upper

101 100

103 65.3 52.6 78.8

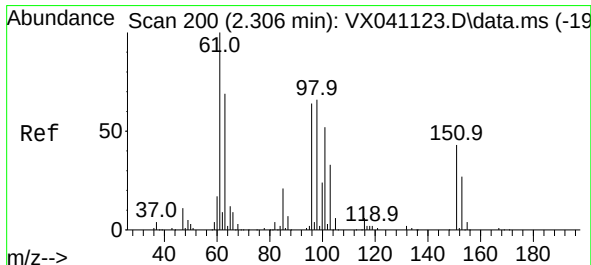
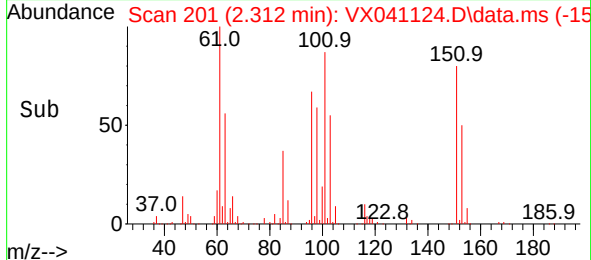
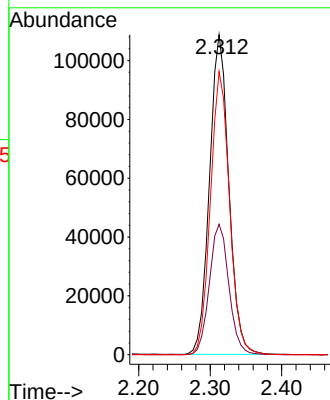
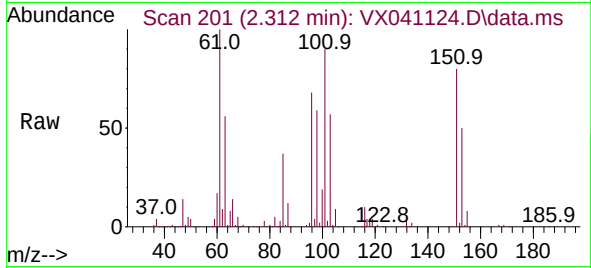




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 102.287 ug/L
 RT: 2.312 min Scan# 201
 Delta R.T. 0.000 min
 Lab File: VX041124.D
 Acq: 17 Apr 2024 14:14

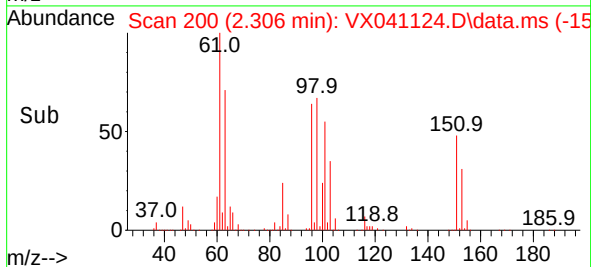
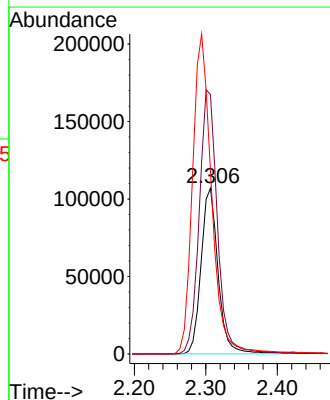
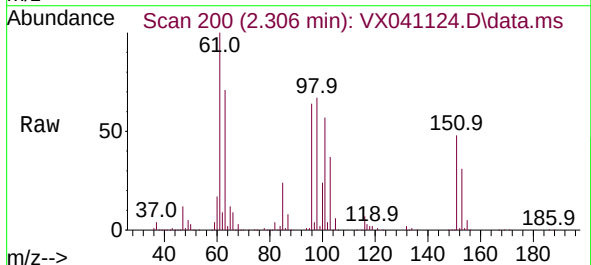
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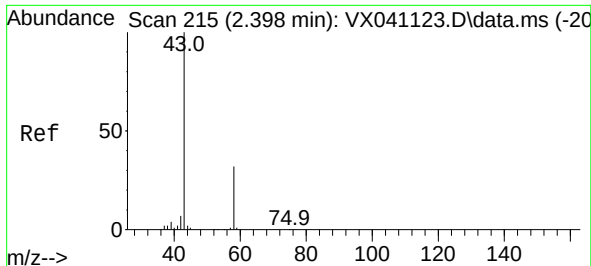
Tgt Ion:101 Resp: 203872
 Ion Ratio Lower Upper
 101 100
 85 41.2 33.4 50.2
 151 87.7 70.5 105.7



#12
 1,1-Dichloroethene
 Concen: 103.279 ug/L
 RT: 2.306 min Scan# 200
 Delta R.T. 0.000 min
 Lab File: VX041124.D
 Acq: 17 Apr 2024 14:14

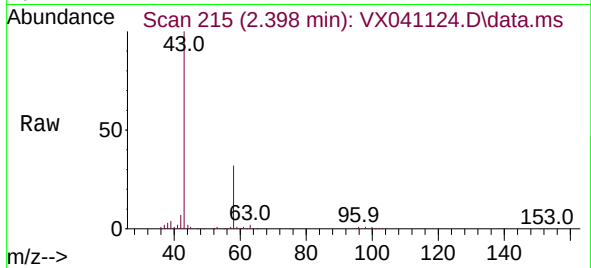
Tgt Ion: 96 Resp: 175866
 Ion Ratio Lower Upper
 96 100
 61 156.5 110.3 204.9
 63 110.6 77.4 143.8



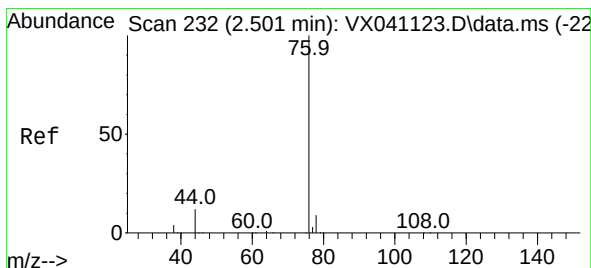
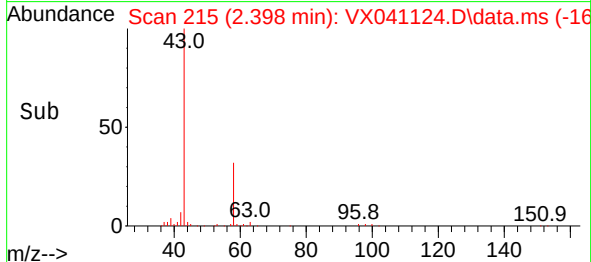
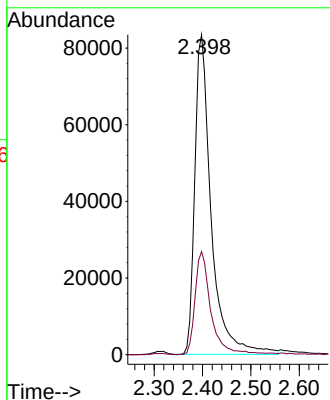


#13
Acetone
Concen: 197.214 ug/L
RT: 2.398 min Scan# 215
Delta R.T. 0.000 min
Lab File: VX041124.D
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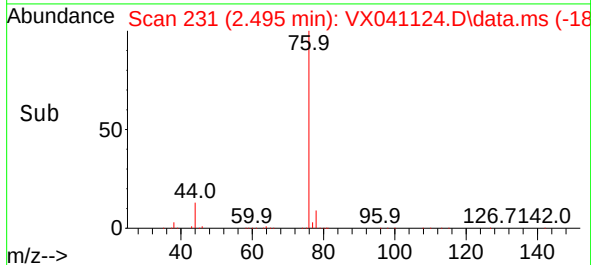
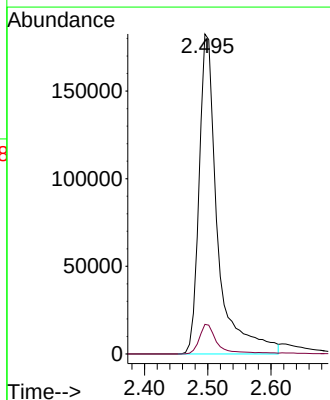
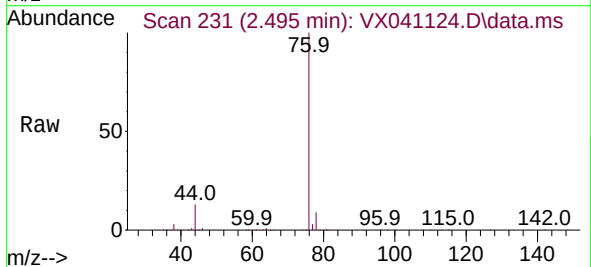


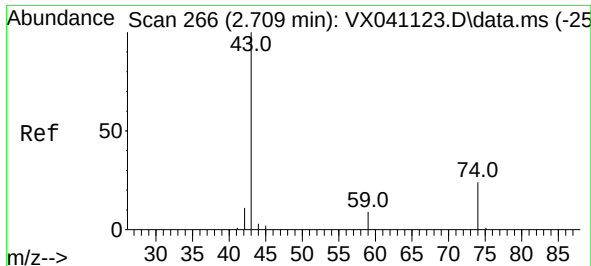
Tgt Ion: 43 Resp: 196480
Ion Ratio Lower Upper
43 100
58 30.4 0.0 62.4



#14
Carbon disulfide
Concen: 112.547 ug/L
RT: 2.495 min Scan# 231
Delta R.T. -0.006 min
Lab File: VX041124.D
Acq: 17 Apr 2024 14:14

Tgt Ion: 76 Resp: 372945
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2

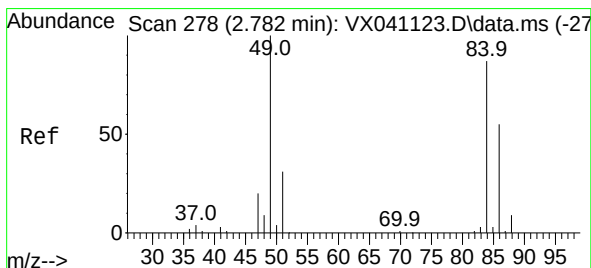
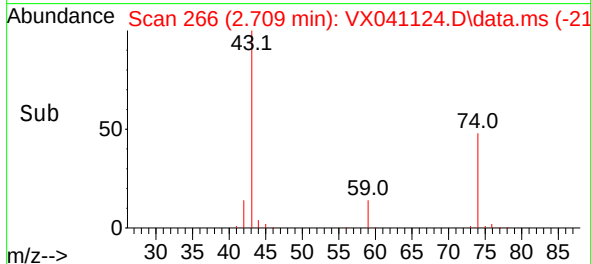
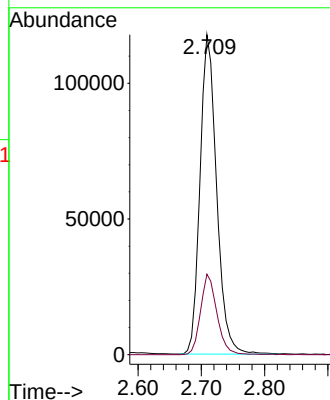
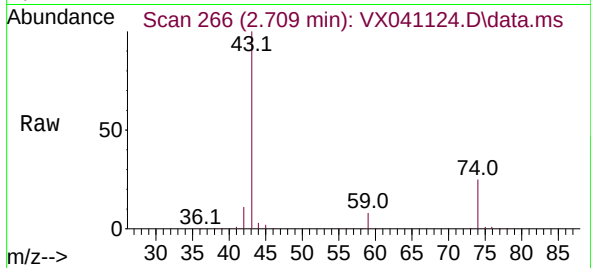




#15
Methyl Acetate
Concen: 101.883 ug/L
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX041124.D
Acq: 17 Apr 2024 14:14

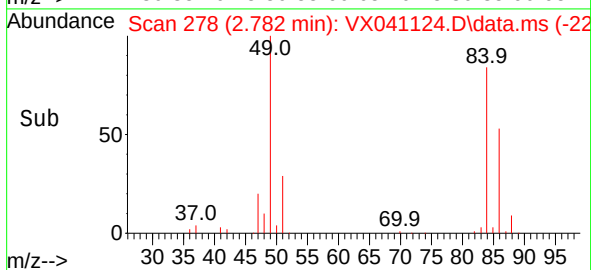
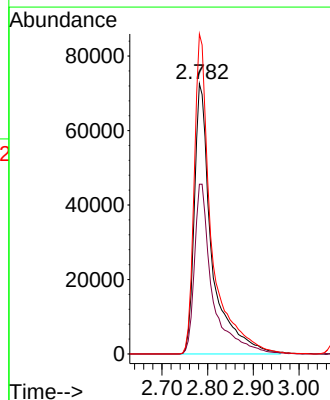
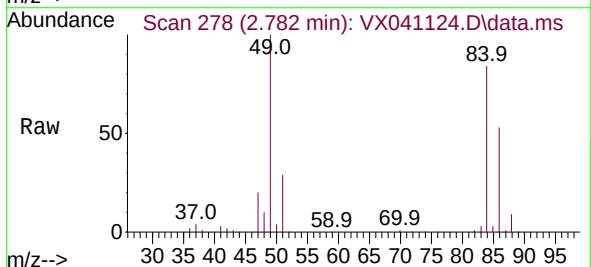
Instrument :
MSVOA_X
ClientSampleId :

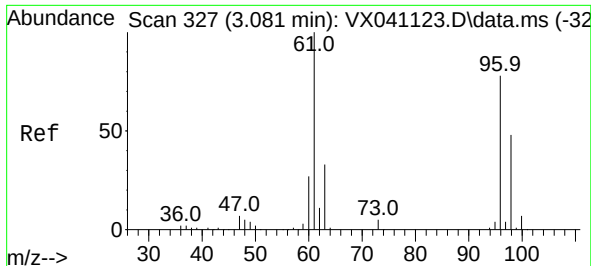
Tgt Ion: 43 Resp: 215623
Ion Ratio Lower Upper
43 100
74 24.8 19.9 29.9



#16
Methylene chloride
Concen: 103.050 ug/L
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX041124.D
Acq: 17 Apr 2024 14:14

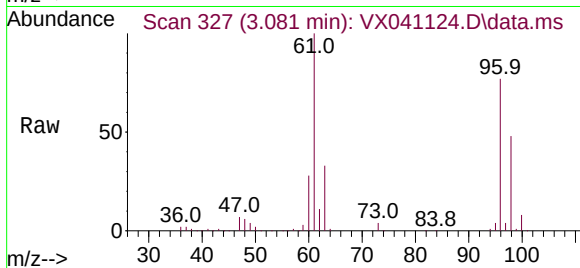
Tgt Ion: 84 Resp: 193568
Ion Ratio Lower Upper
84 100
86 62.8 44.7 83.1
49 118.4 80.6 149.8



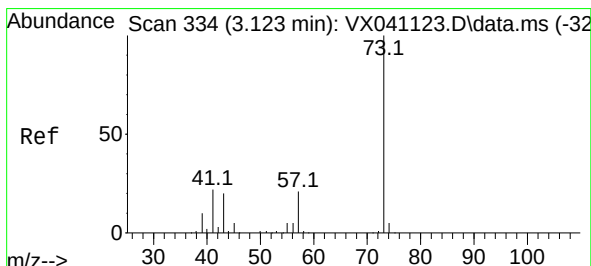
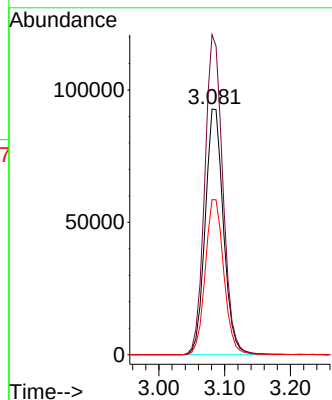
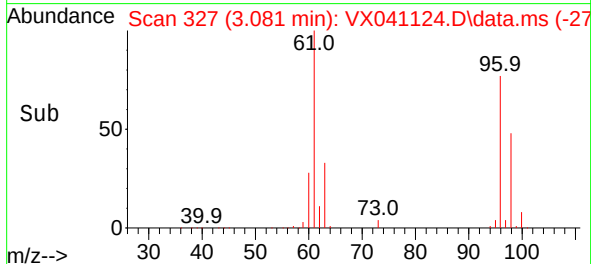


#17
trans-1,2-Dichloroethene
Concen: 103.866 ug/L
RT: 3.081 min Scan# 327
Delta R.T. 0.000 min
Lab File: VX041124.D
Acq: 17 Apr 2024 14:14

Instrument :
MSVOA_X
ClientSampleId :

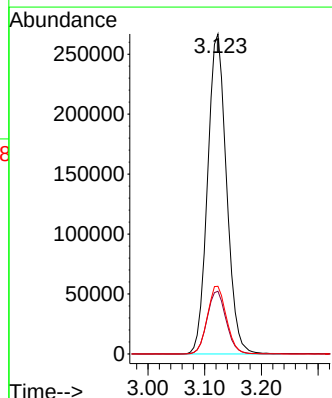
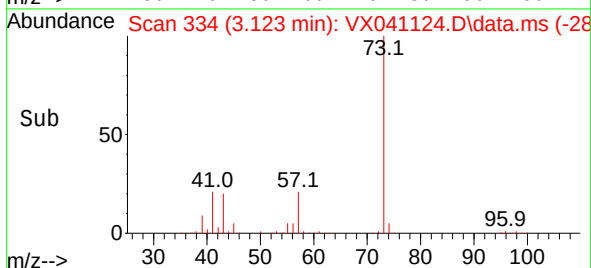
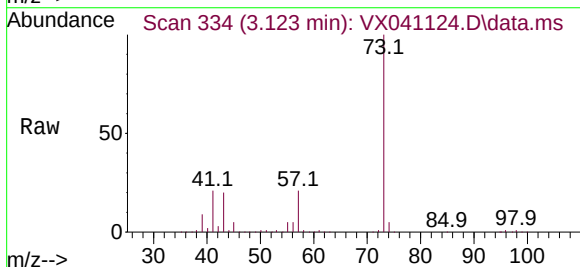


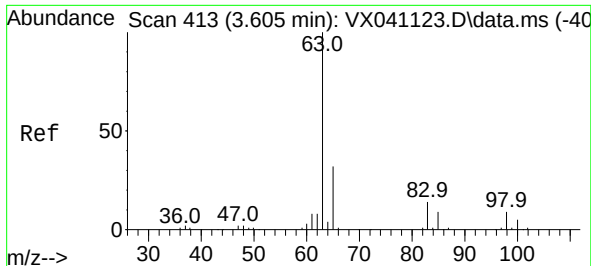
Tgt Ion: 96 Resp: 178721
Ion Ratio Lower Upper
96 100
61 130.3 89.6 166.4
98 63.1 43.4 80.6



#18
Methyl tert-butyl Ether
Concen: 104.477 ug/L
RT: 3.123 min Scan# 334
Delta R.T. 0.000 min
Lab File: VX041124.D
Acq: 17 Apr 2024 14:14

Tgt Ion: 73 Resp: 618879
Ion Ratio Lower Upper
73 100
43 19.8 16.1 24.1
57 21.3 17.0 25.4





#19

1,1-Dichloroethane

Concen: 104.368 ug/L

RT: 3.605 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX041124.D

Acq: 17 Apr 2024 14:14

Instrument :

MSVOA_X

ClientSampleId :

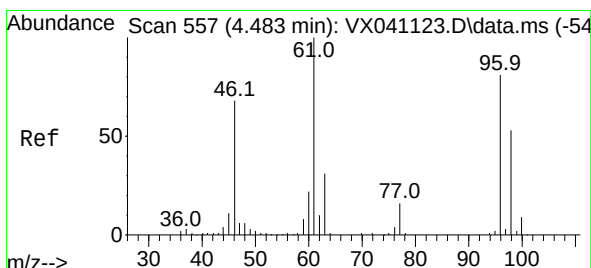
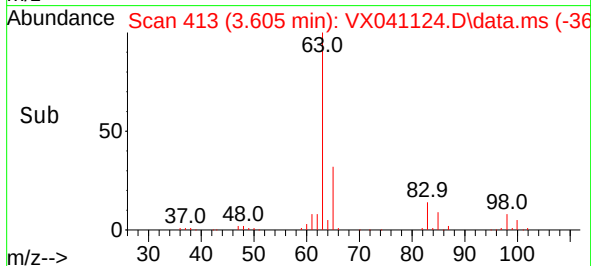
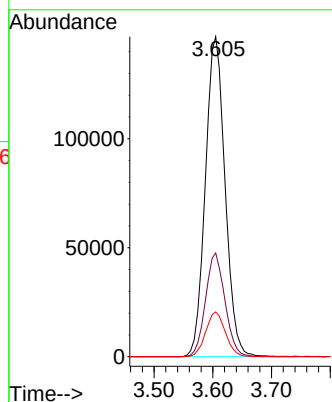
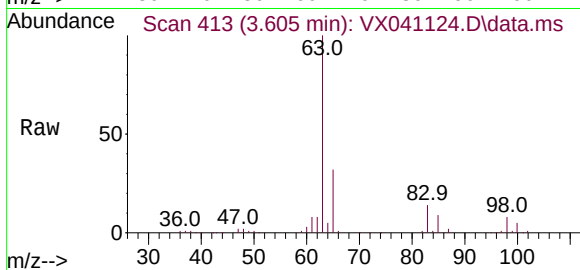
Tgt Ion: 63 Resp: 342192

Ion Ratio Lower Upper

63 100

65 32.4 22.3 41.3

83 14.0 10.1 18.9



#20

cis-1,2-Dichloroethene

Concen: 104.864 ug/L

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX041124.D

Acq: 17 Apr 2024 14:14

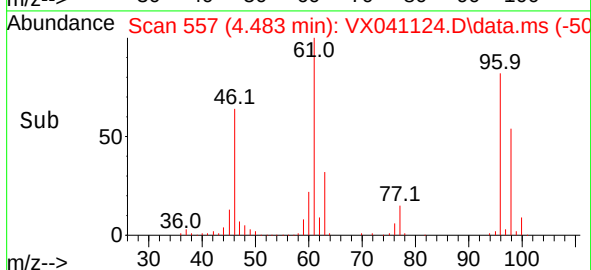
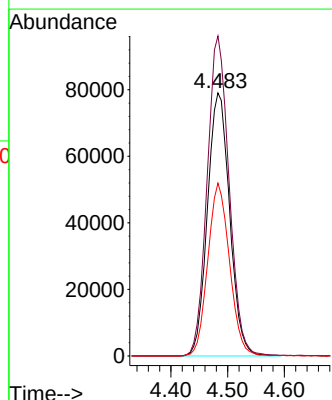
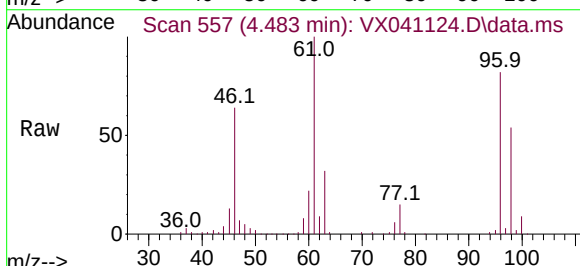
Tgt Ion: 96 Resp: 215103

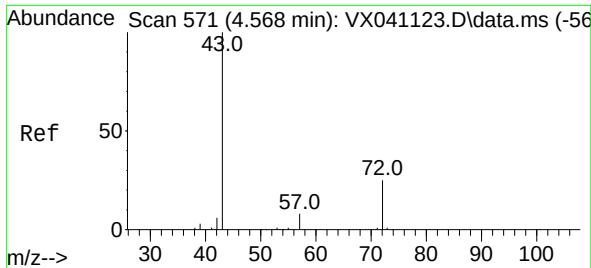
Ion Ratio Lower Upper

96 100

61 121.7 86.5 160.7

98 65.7 45.4 84.2





#22

2-Butanone

Concen: 206.712 ug/L

RT: 4.568 min Scan# 571

Delta R.T. 0.000 min

Lab File: VX041124.D

Acq: 17 Apr 2024 14:14

Instrument :

MSVOA_X

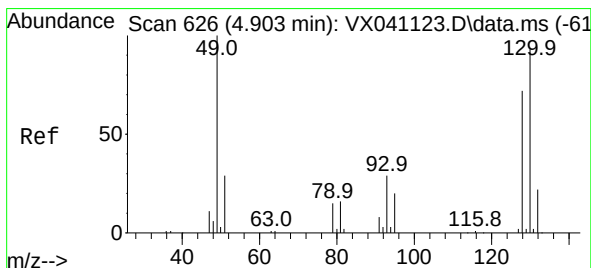
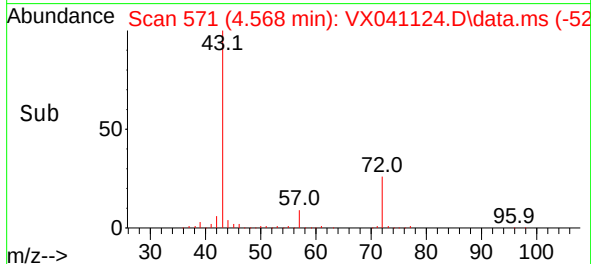
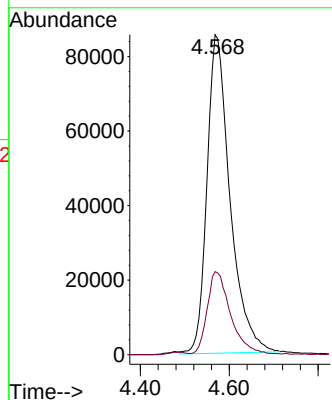
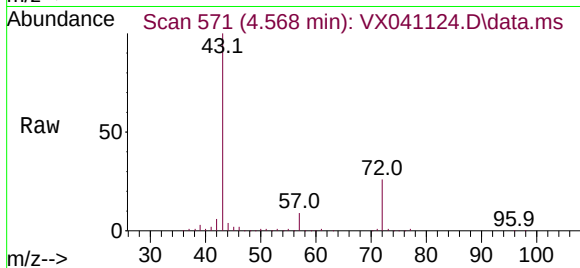
ClientSampleId :

Tgt Ion: 43 Resp: 308347

Ion Ratio Lower Upper

43 100

72 26.7 12.5 37.5



#23

Bromochloromethane

Concen: 106.769 ug/L

RT: 4.903 min Scan# 626

Delta R.T. 0.000 min

Lab File: VX041124.D

Acq: 17 Apr 2024 14:14

Tgt Ion: 128 Resp: 114027

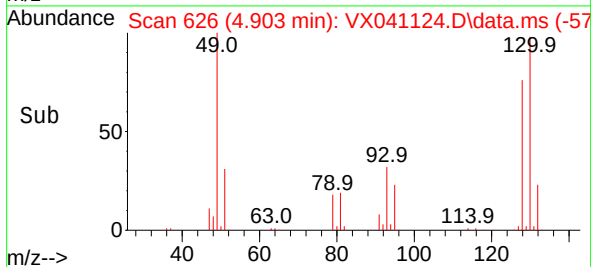
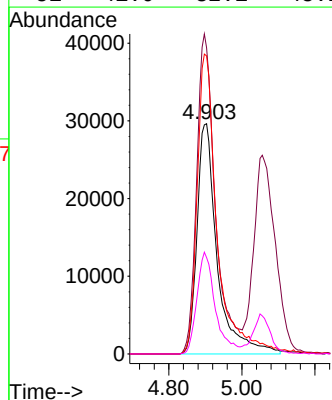
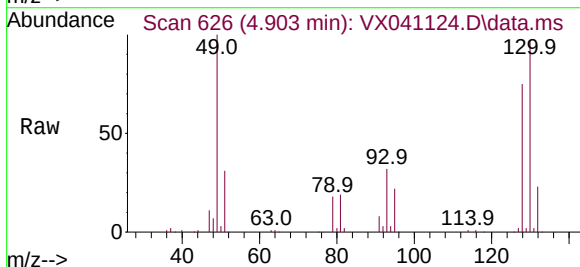
Ion Ratio Lower Upper

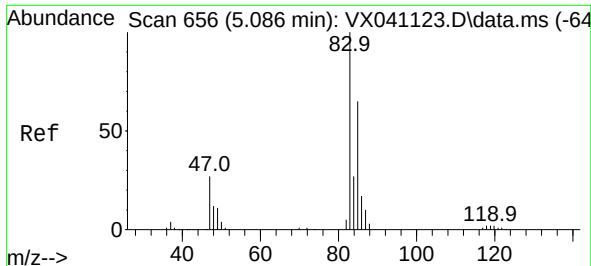
128 100

49 132.9 97.2 180.6

130 129.4 90.6 168.2

51 41.9 32.1 48.1





#25

Chloroform

Concen: 104.242 ug/L

RT: 5.092 min Scan# 656

Delta R.T. 0.006 min

Lab File: VX041124.D

Acq: 17 Apr 2024 14:14

Instrument :

MSVOA_X

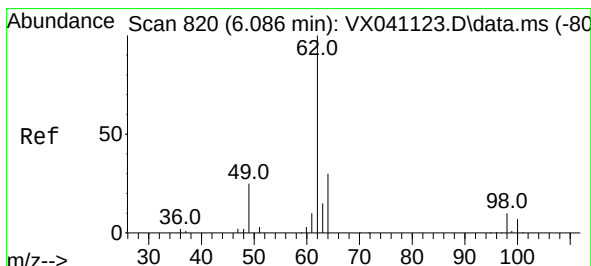
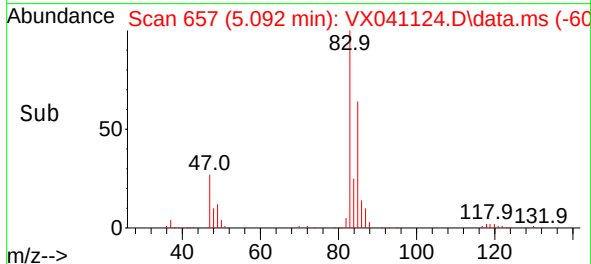
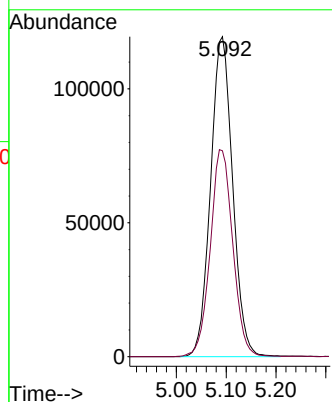
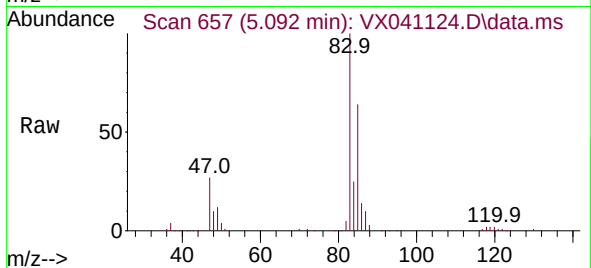
ClientSampleId :

Tgt Ion: 83 Resp: 367180

Ion Ratio Lower Upper

83 100

85 64.4 45.9 85.3



#27

1,2-Dichloroethane

Concen: 103.051 ug/L

RT: 6.086 min Scan# 820

Delta R.T. 0.000 min

Lab File: VX041124.D

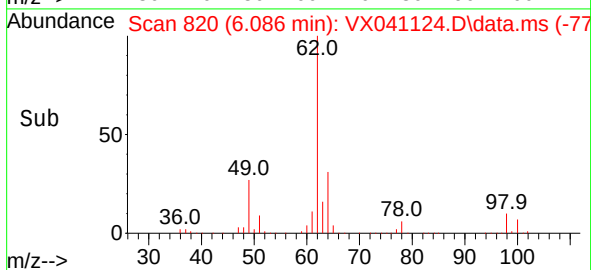
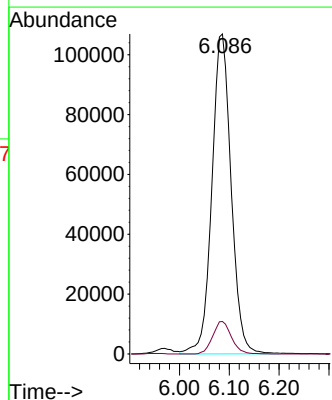
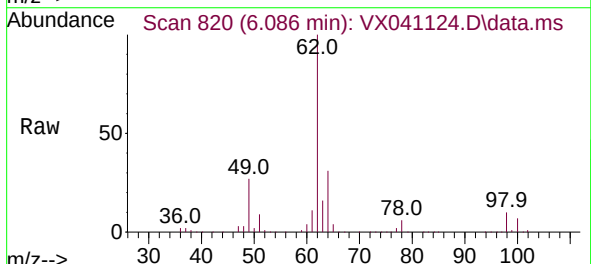
Acq: 17 Apr 2024 14:14

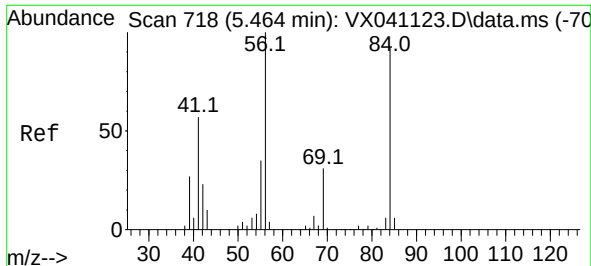
Tgt Ion: 62 Resp: 286451

Ion Ratio Lower Upper

62 100

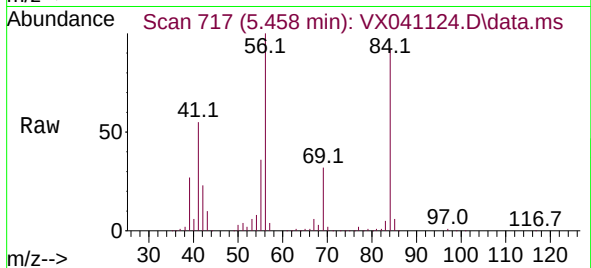
98 10.1 7.9 11.9



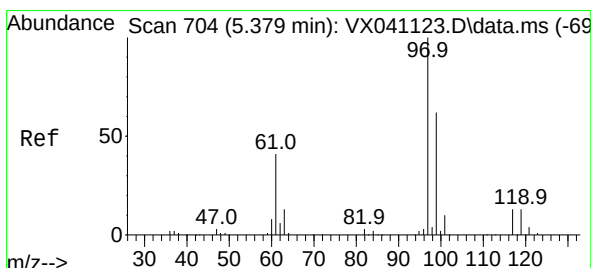
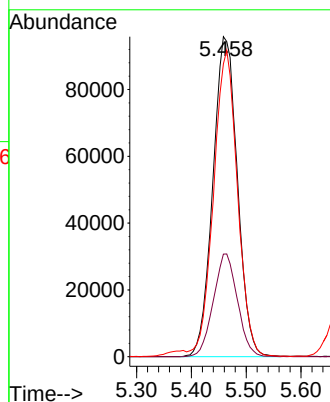
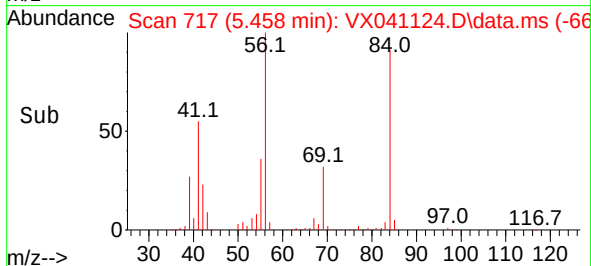


#29
Cyclohexane
Concen: 104.873 ug/L
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX041124.D
Acq: 17 Apr 2024 14:14

Instrument :
MSVOA_X
ClientSampleId :

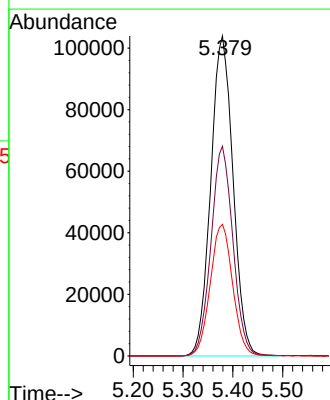
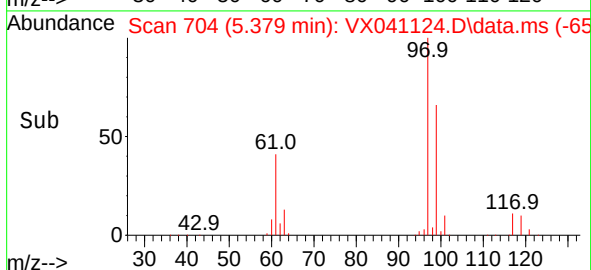
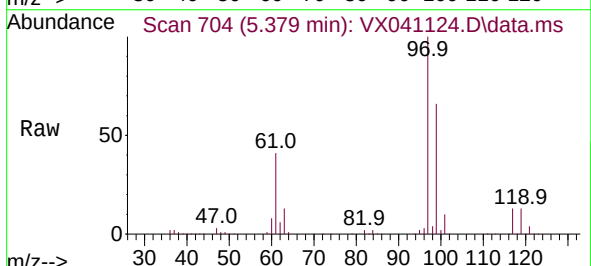


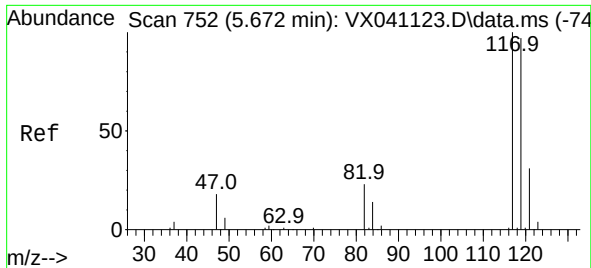
Tgt Ion: 56 Resp: 297726
Ion Ratio Lower Upper
56 100
69 31.5 25.1 37.7
84 93.0 75.0 112.6



#30
1,1,1-Trichloroethane
Concen: 105.478 ug/L
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX041124.D
Acq: 17 Apr 2024 14:14

Tgt Ion: 97 Resp: 322934
Ion Ratio Lower Upper
97 100
99 64.4 51.4 77.2
61 41.3 33.9 50.9

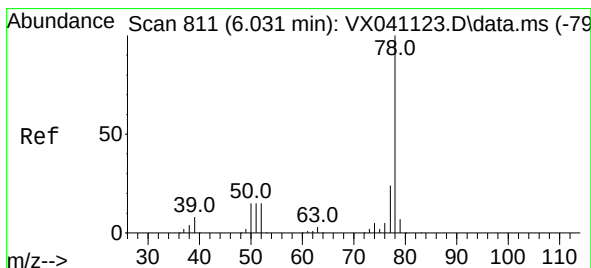
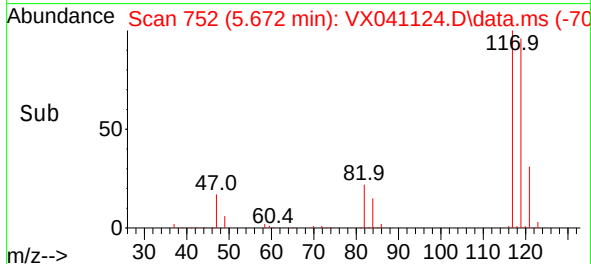
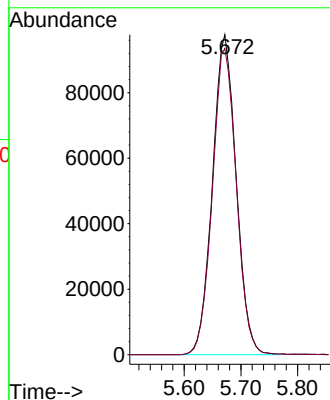
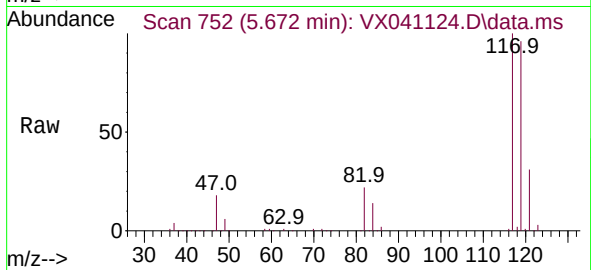




#31
Carbon tetrachloride
Concen: 107.873 ug/L
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX041124.D
Acq: 17 Apr 2024 14:14

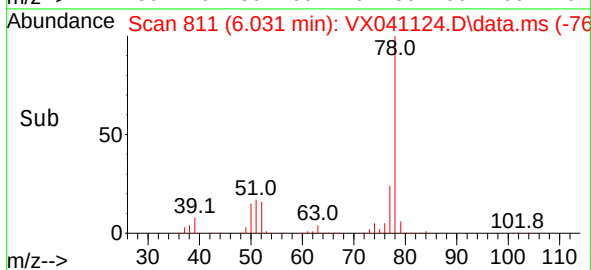
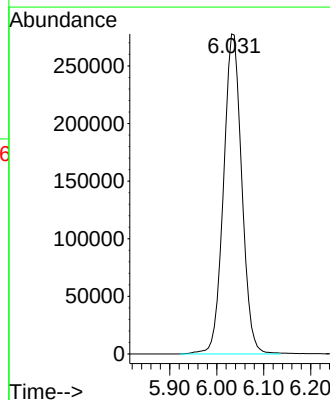
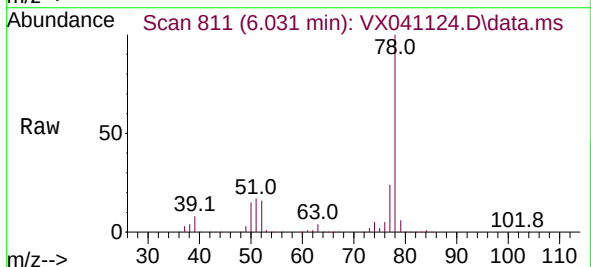
Instrument :
MSVOA_X
ClientSampleId :

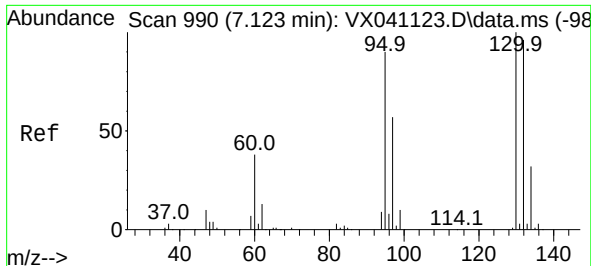
Tgt Ion:117 Resp: 283925
Ion Ratio Lower Upper
117 100
119 96.4 78.1 117.1



#33
Benzene
Concen: 102.234 ug/L
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX041124.D
Acq: 17 Apr 2024 14:14

Tgt Ion: 78 Resp: 752486





#34

Trichloroethene

Concen: 102.560 ug/L

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

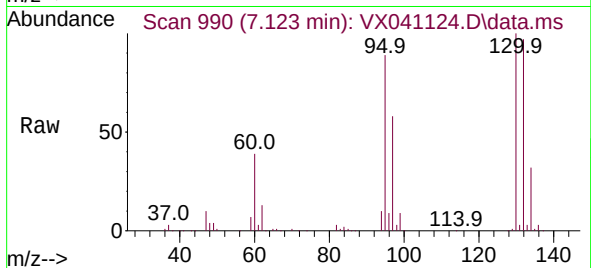
Lab File: VX041124.D

Acq: 17 Apr 2024 14:14

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 95 Resp: 204348

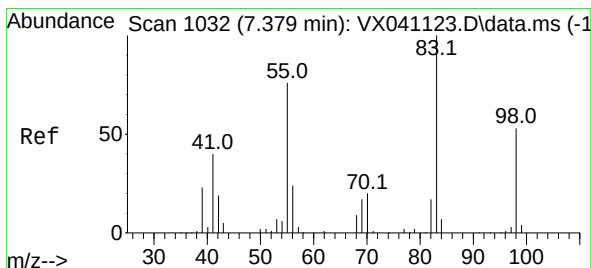
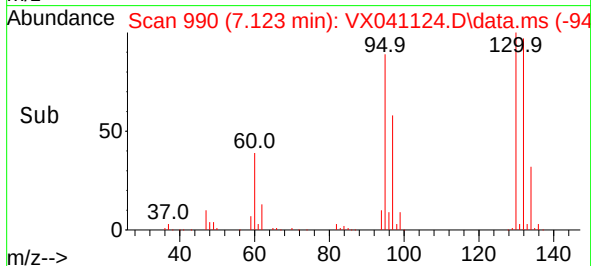
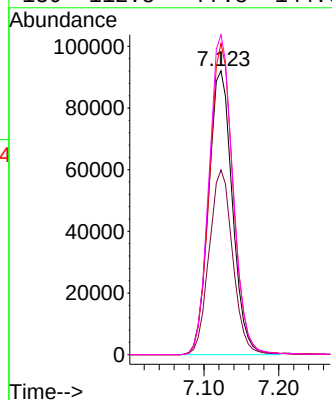
Ion Ratio Lower Upper

95 100

97 65.1 44.1 81.9

132 109.7 74.6 138.6

130 112.8 77.8 144.6



#35

Methylcyclohexane

Concen: 105.673 ug/L

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX041124.D

Acq: 17 Apr 2024 14:14

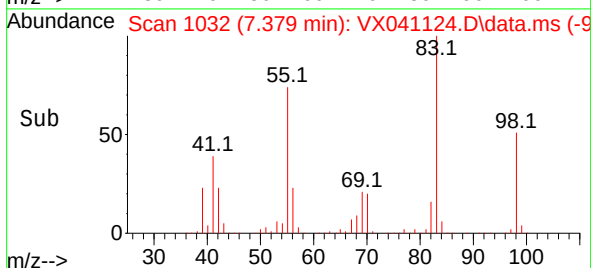
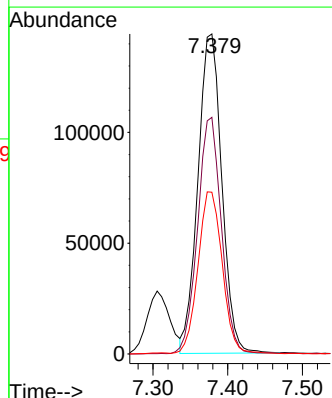
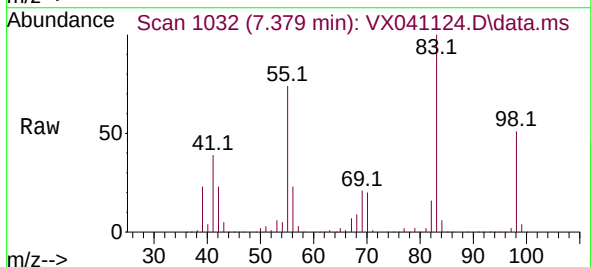
Tgt Ion: 83 Resp: 320008

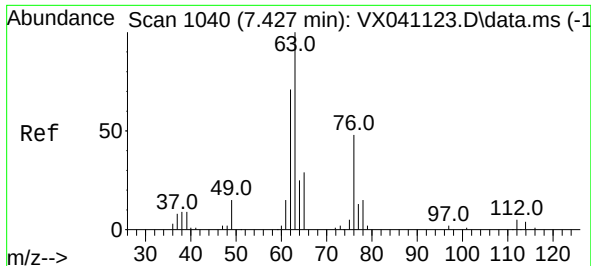
Ion Ratio Lower Upper

83 100

55 73.1 58.7 88.1

98 51.7 40.5 60.7





#37

1,2-Dichloropropane

Concen: 103.633 ug/L

RT: 7.427 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX041124.D

Acq: 17 Apr 2024 14:14

Instrument :

MSVOA_X

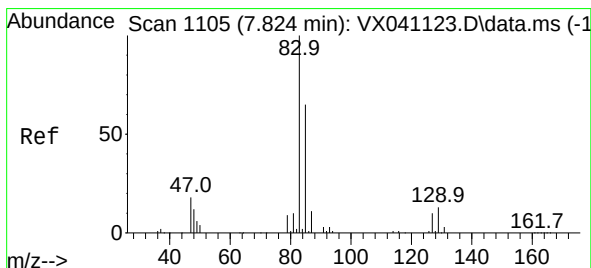
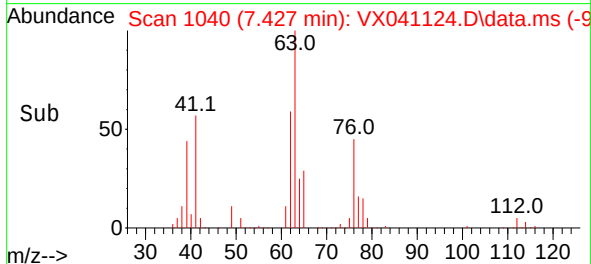
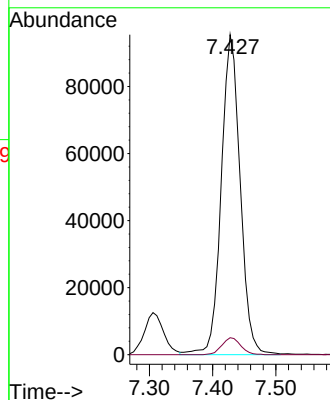
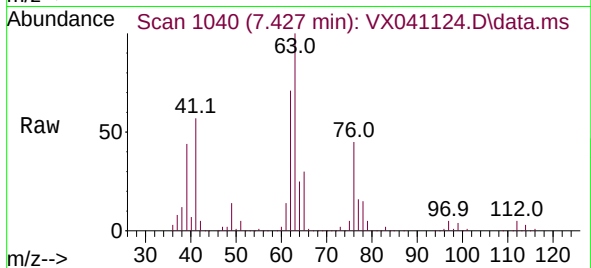
ClientSampleId :

Tgt Ion: 63 Resp: 197801

Ion Ratio Lower Upper

63 100

112 5.3 4.2 6.4



#38

Bromodichloromethane

Concen: 107.658 ug/L

RT: 7.818 min Scan# 1104

Delta R.T. -0.006 min

Lab File: VX041124.D

Acq: 17 Apr 2024 14:14

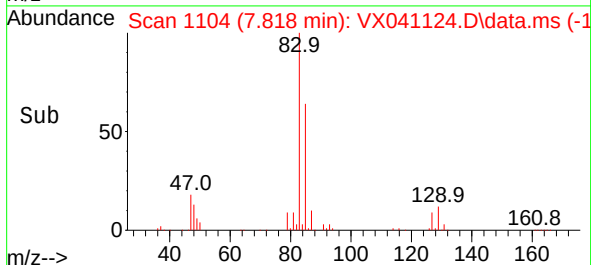
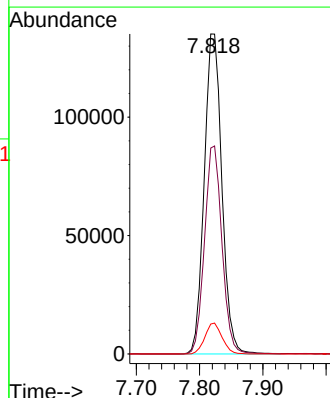
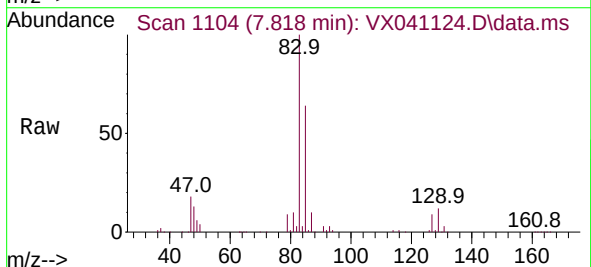
Tgt Ion: 83 Resp: 262658

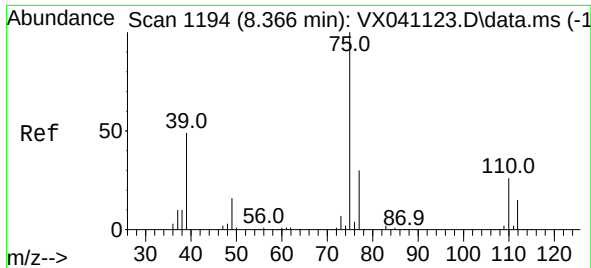
Ion Ratio Lower Upper

83 100

85 64.4 45.6 84.8

127 9.4 7.8 11.8





#39

cis-1,3-Dichloropropene

Concen: 110.185 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX041124.D

Acq: 17 Apr 2024 14:14

Instrument :

MSVOA_X

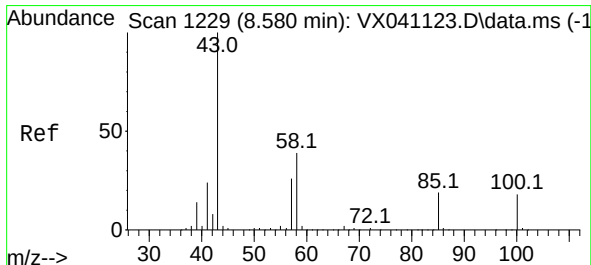
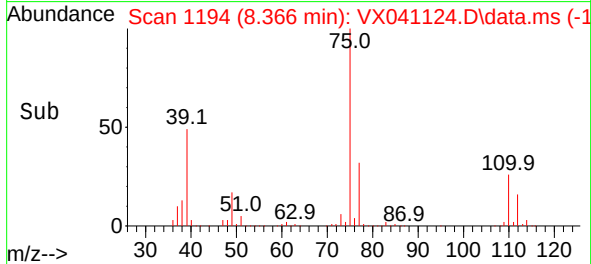
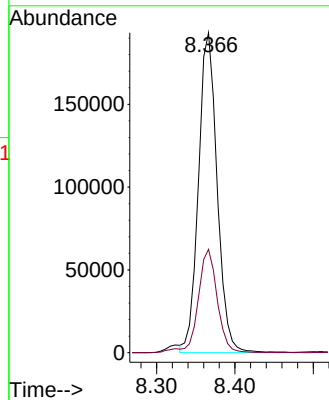
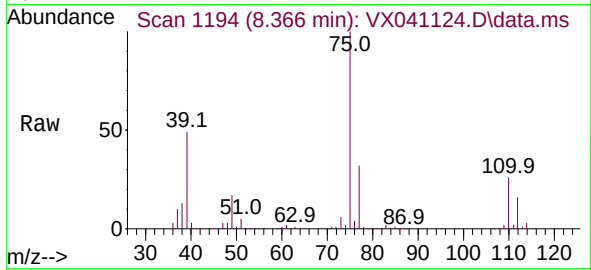
ClientSampleId :

Tgt Ion: 75 Resp: 320378

Ion Ratio Lower Upper

75 100

77 32.3 21.6 40.0



#40

4-Methyl-2-pentanone

Concen: 210.790 ug/L

RT: 8.580 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VX041124.D

Acq: 17 Apr 2024 14:14

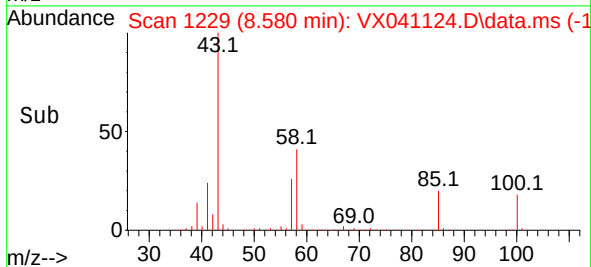
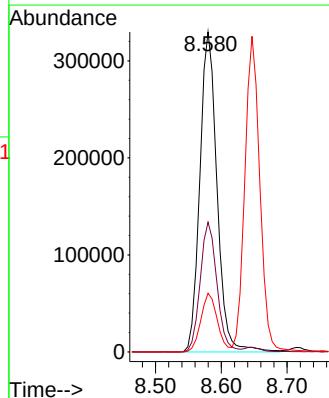
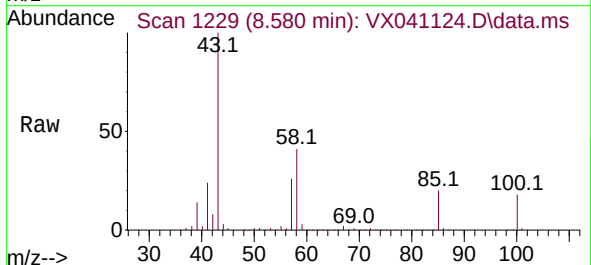
Tgt Ion: 43 Resp: 597899

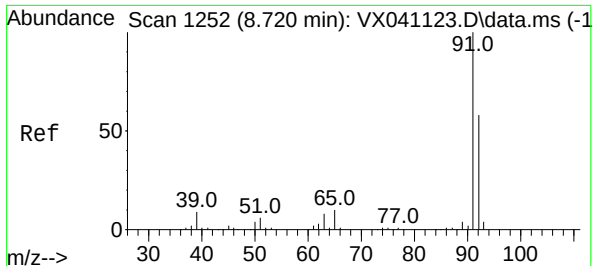
Ion Ratio Lower Upper

43 100

58 39.6 30.6 46.0

100 17.7 13.8 20.6





#42

Toluene

Concen: 103.292 ug/L

RT: 8.714 min Scan# 1251

Delta R.T. -0.006 min

Lab File: VX041124.D

Acq: 17 Apr 2024 14:14

Instrument :

MSVOA_X

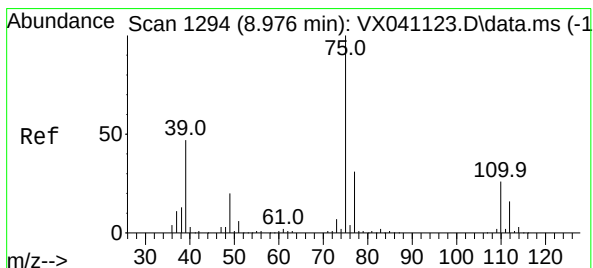
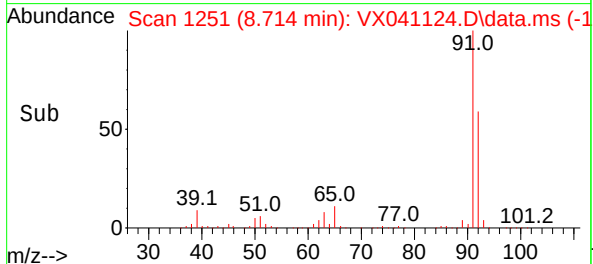
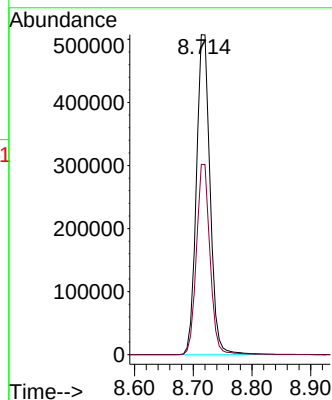
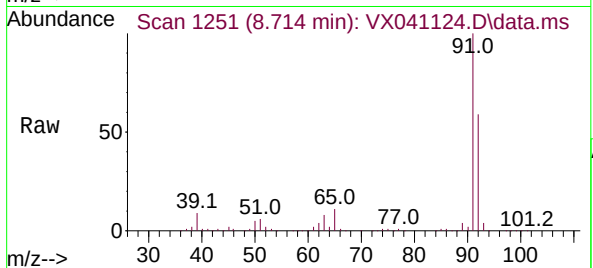
ClientSampleId :

Tgt Ion: 91 Resp: 819917

Ion Ratio Lower Upper

91 100

92 59.5 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 112.251 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX041124.D

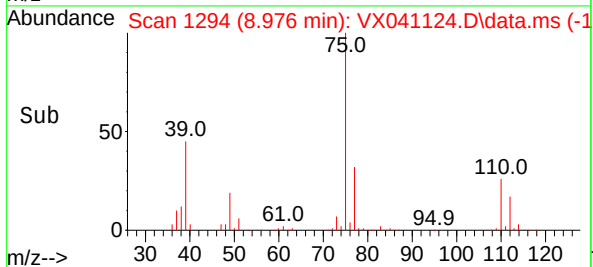
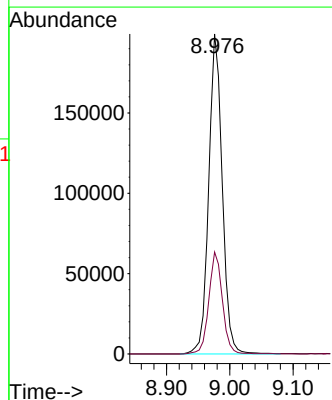
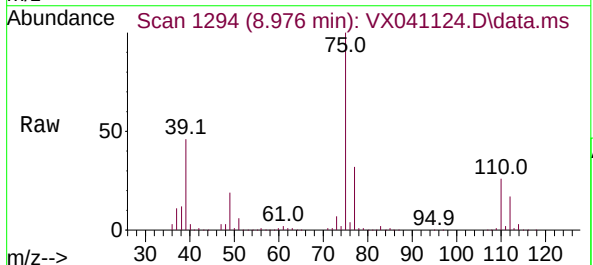
Acq: 17 Apr 2024 14:14

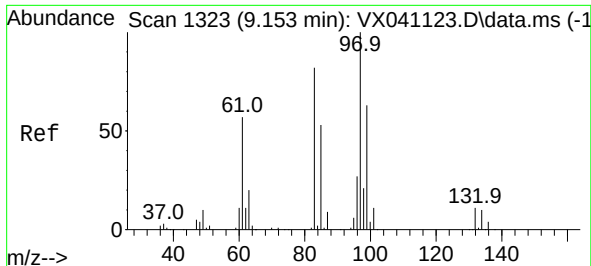
Tgt Ion: 75 Resp: 297283

Ion Ratio Lower Upper

75 100

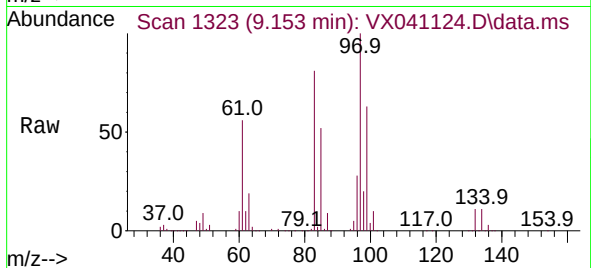
77 31.8 21.8 40.6



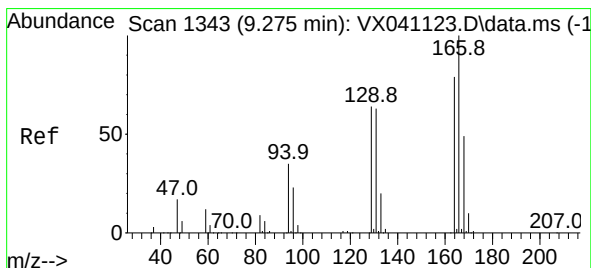
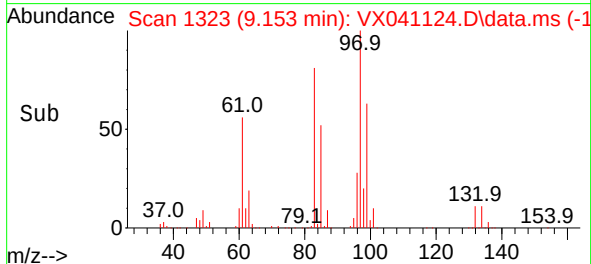
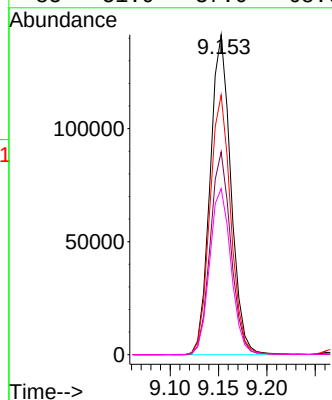


#45
1,1,2-Trichloroethane
Concen: 102.973 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX041124.D
Acq: 17 Apr 2024 14:14

Instrument :
MSVOA_X
ClientSampleId :

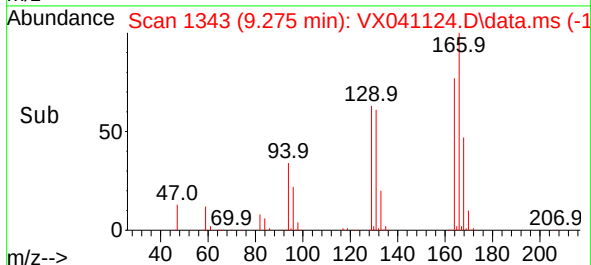
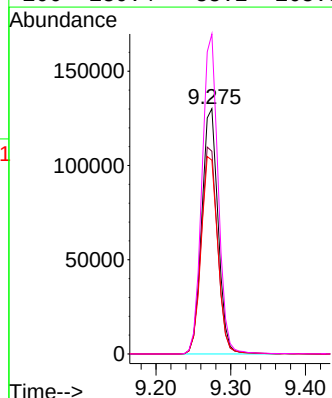
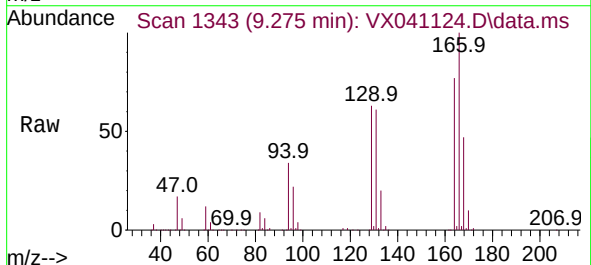


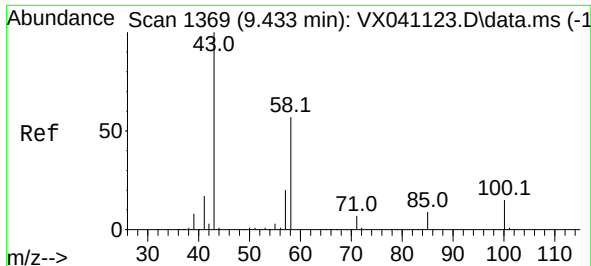
Tgt Ion:	97	Resp:	211834
Ion	Ratio	Lower	Upper
97	100		
99	63.4	44.4	82.4
83	81.1	57.3	106.5
85	51.9	37.0	68.6



#46
Tetrachloroethene
Concen: 103.208 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX041124.D
Acq: 17 Apr 2024 14:14

Tgt Ion:	164	Resp:	196891
Ion	Ratio	Lower	Upper
164	100		
129	82.6	56.5	104.9
131	79.0	55.2	102.4
166	130.4	88.2	163.8





#48

2-Hexanone

Concen: 211.941 ug/L

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

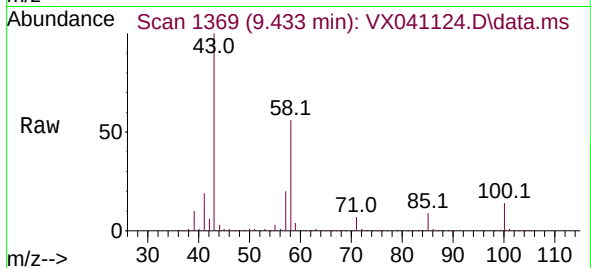
Lab File: VX041124.D

Acq: 17 Apr 2024 14:14

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 43 Resp: 466876

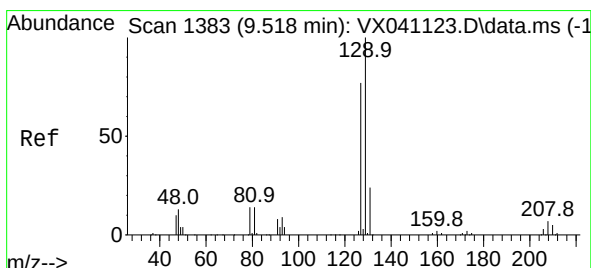
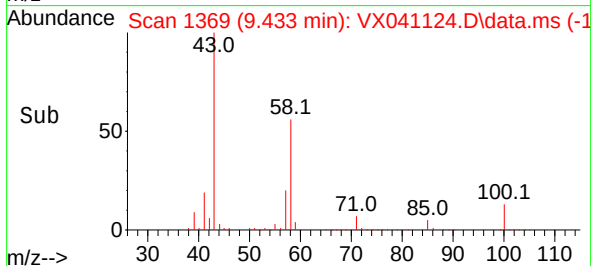
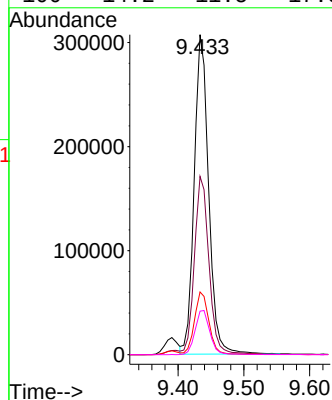
Ion Ratio Lower Upper

43 100

58 56.4 43.8 65.8

57 19.4 15.0 22.6

100 14.2 11.5 17.3



#49

Dibromochloromethane

Concen: 110.747 ug/L

RT: 9.518 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX041124.D

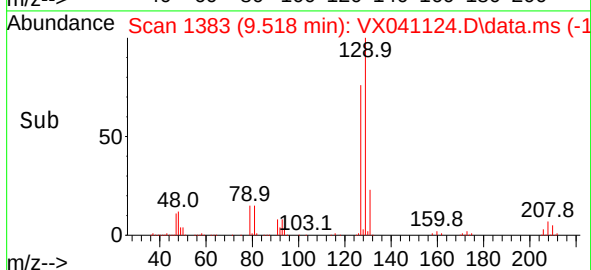
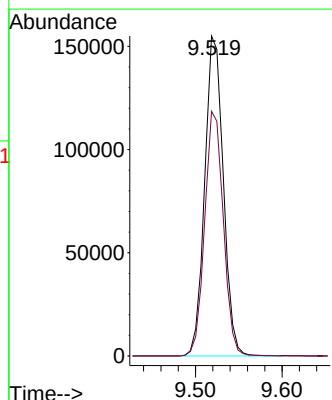
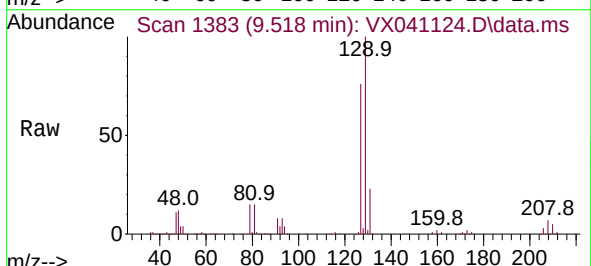
Acq: 17 Apr 2024 14:14

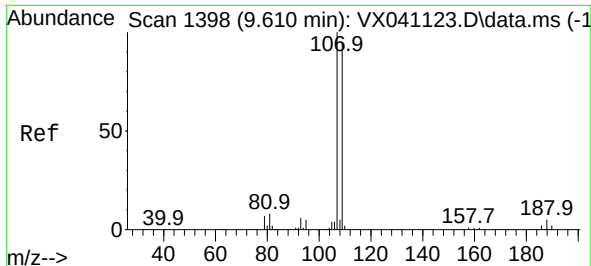
Tgt Ion: 129 Resp: 231422

Ion Ratio Lower Upper

129 100

127 76.5 53.9 100.1

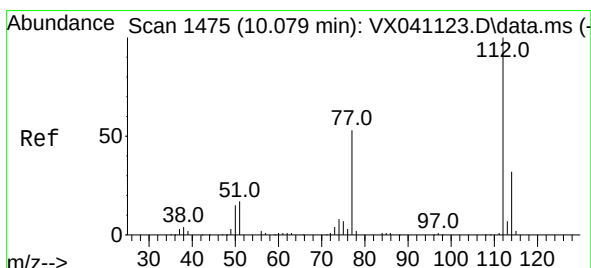
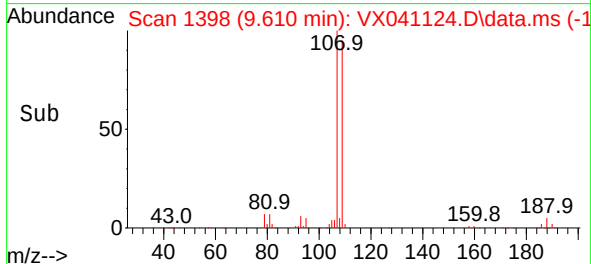
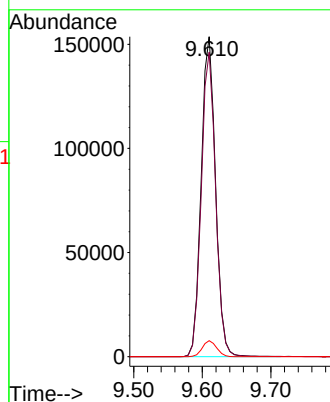
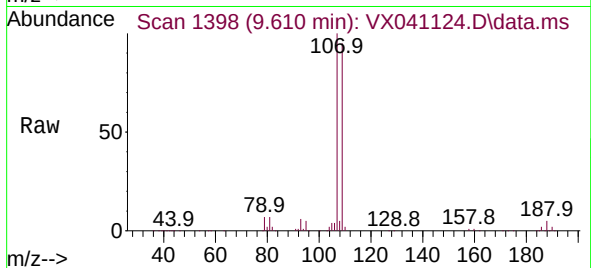




#50
1,2-Dibromoethane
Concen: 104.805 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX041124.D
Acq: 17 Apr 2024 14:14

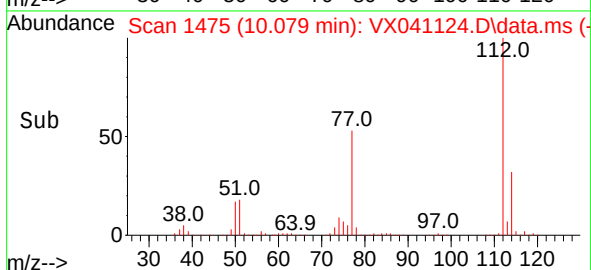
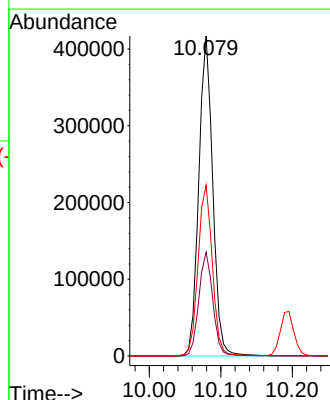
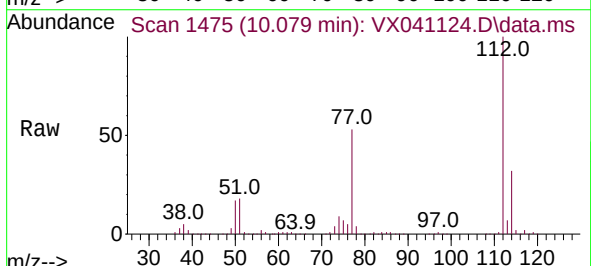
Instrument :
MSVOA_X
ClientSampleId :

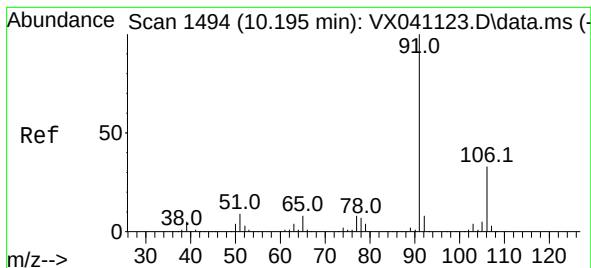
Tgt Ion:107 Resp: 224561
Ion Ratio Lower Upper
107 100
109 95.2 66.6 123.6
188 5.0 3.8 5.8



#51
Chlorobenzene
Concen: 102.006 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX041124.D
Acq: 17 Apr 2024 14:14

Tgt Ion:112 Resp: 564369
Ion Ratio Lower Upper
112 100
114 32.4 22.5 41.9
77 53.4 42.6 64.0





#52

Ethylbenzene

Concen: 105.145 ug/L

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX041124.D

Acq: 17 Apr 2024 14:14

Instrument :

MSVOA_X

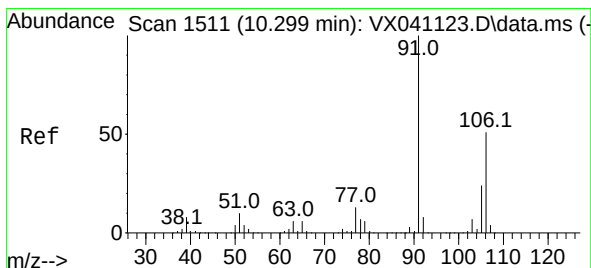
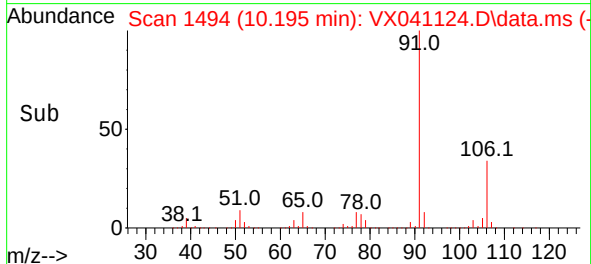
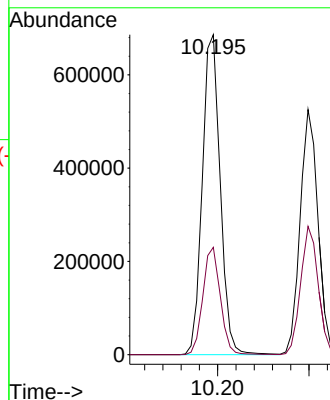
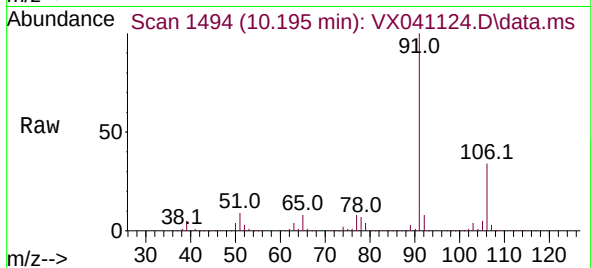
ClientSampleId :

Tgt Ion: 91 Resp: 929921

Ion Ratio Lower Upper

91 100

106 33.5 22.7 42.3



#53

m,p-Xylene

Concen: 105.694 ug/L

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX041124.D

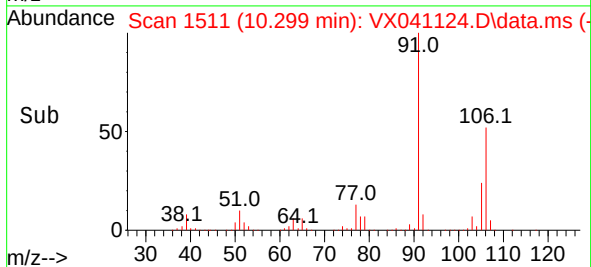
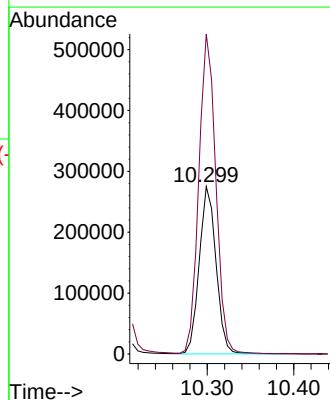
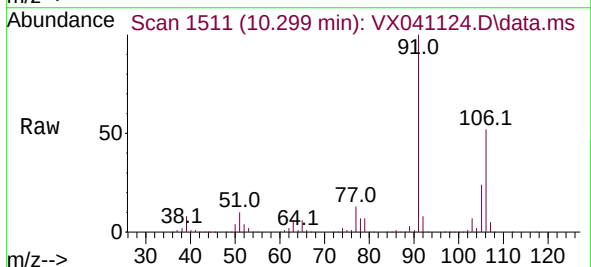
Acq: 17 Apr 2024 14:14

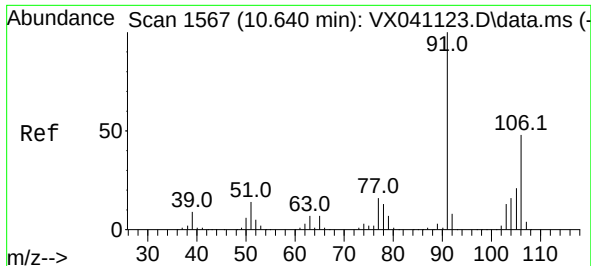
Tgt Ion:106 Resp: 370055

Ion Ratio Lower Upper

106 100

91 191.1 137.2 254.8

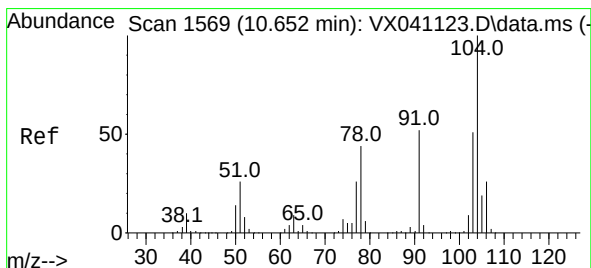
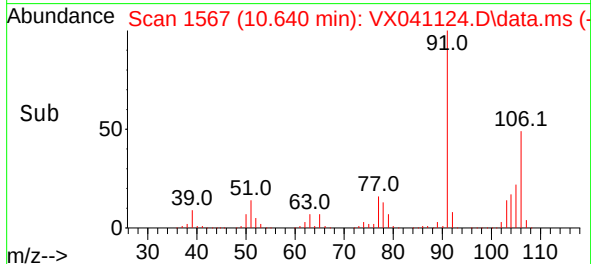
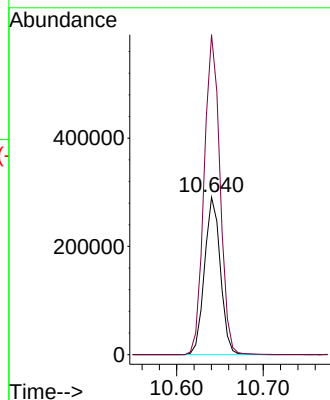
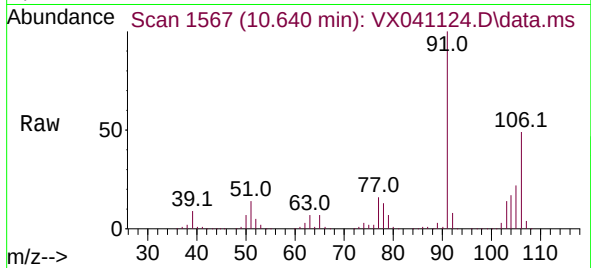




#54
o-Xylene
Concen: 105.567 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX041124.D
Acq: 17 Apr 2024 14:14

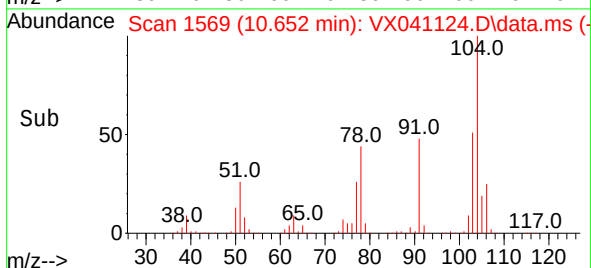
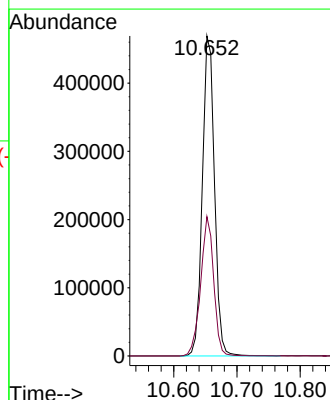
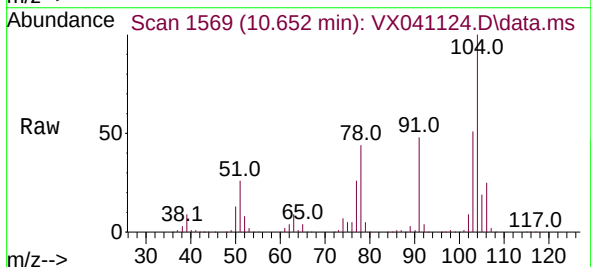
Instrument :
MSVOA_X
ClientSampleId :

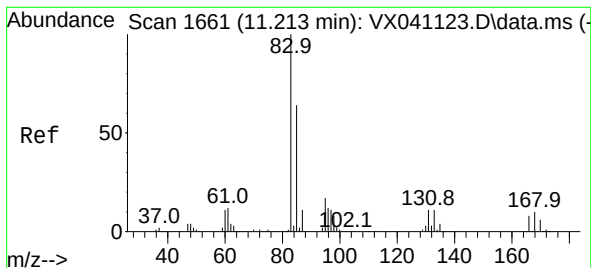
Tgt Ion:106 Resp: 370168
Ion Ratio Lower Upper
106 100
91 203.1 145.4 270.0



#55
Styrene
Concen: 107.561 ug/L
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX041124.D
Acq: 17 Apr 2024 14:14

Tgt Ion:104 Resp: 627620
Ion Ratio Lower Upper
104 100
78 43.6 30.4 56.5





#57

1,1,2,2-Tetrachloroethane

Concen: 103.102 ug/L

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

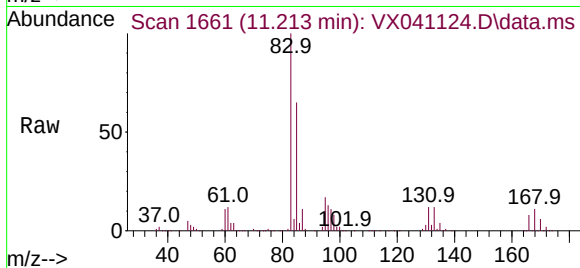
Lab File: VX041124.D

Acq: 17 Apr 2024 14:14

Instrument :

MSVOA_X

ClientSampleId :



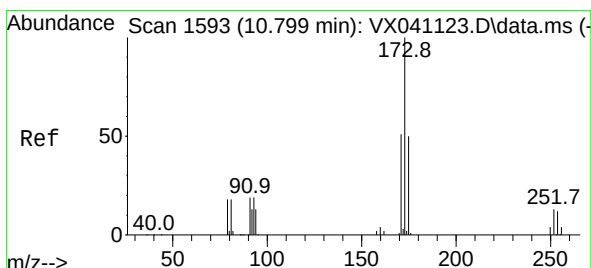
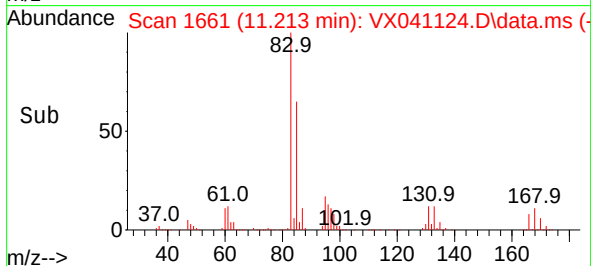
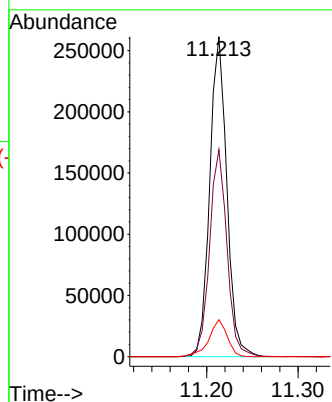
Tgt Ion: 83 Resp: 338643

Ion Ratio Lower Upper

83 100

85 64.7 45.0 83.6

131 11.6 9.0 13.4



#59

Bromoform

Concen: 111.057 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX041124.D

Acq: 17 Apr 2024 14:14

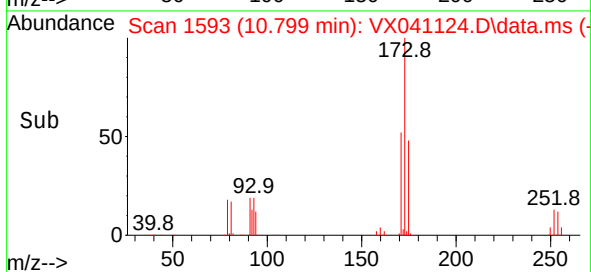
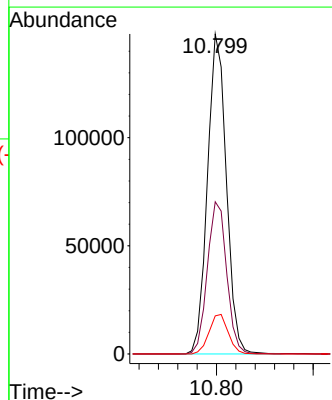
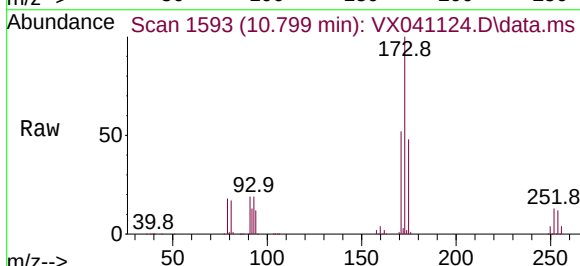
Tgt Ion:173 Resp: 200921

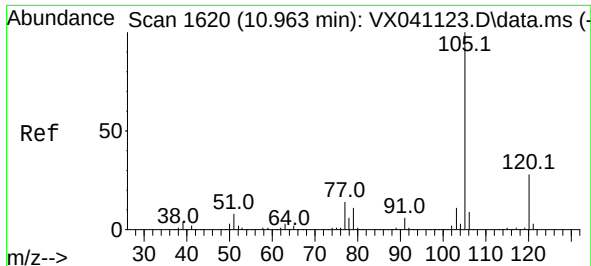
Ion Ratio Lower Upper

173 100

175 48.7 39.4 59.2

254 12.5 10.5 15.7

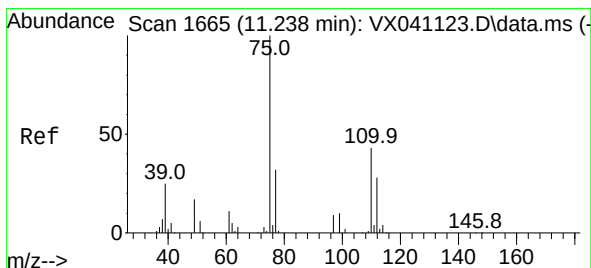
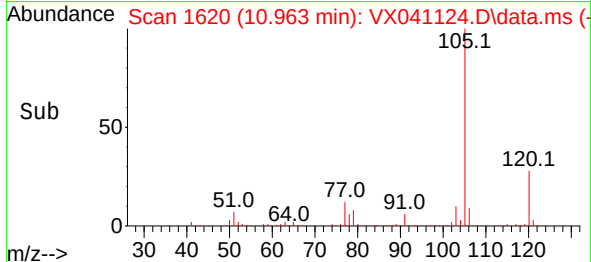
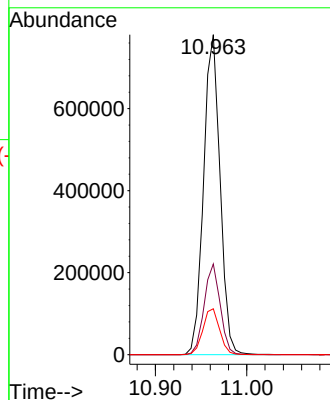
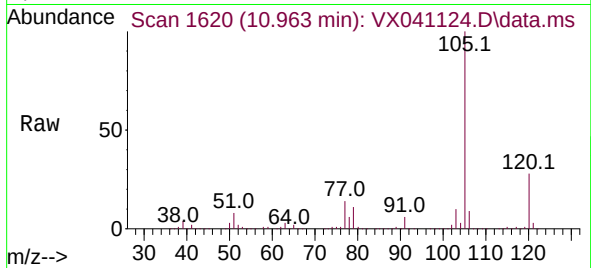




#60
Isopropylbenzene
Concen: 103.555 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX041124.D
Acq: 17 Apr 2024 14:14

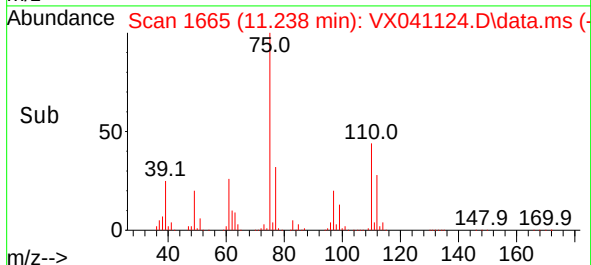
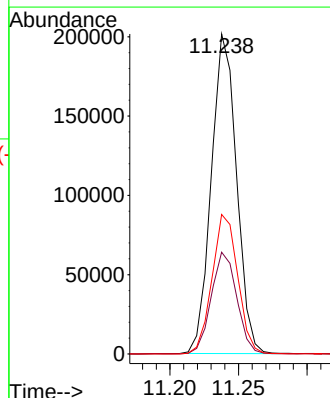
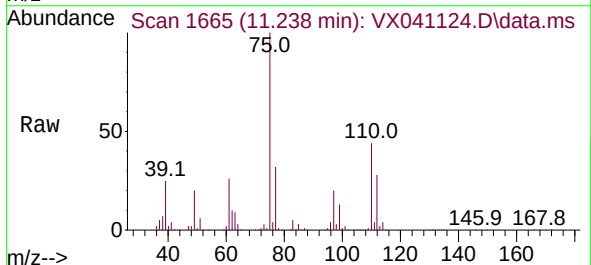
Instrument :
MSVOA_X
ClientSampleId :

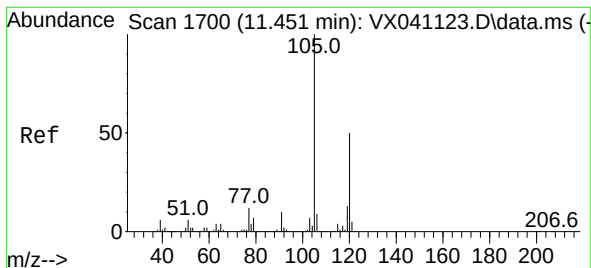
Tgt Ion:105 Resp: 978417
Ion Ratio Lower Upper
105 100
120 27.7 21.8 32.8
77 14.7 11.7 17.5



#61
1,2,3-Trichloropropane
Concen: 97.864 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX041124.D
Acq: 17 Apr 2024 14:14

Tgt Ion: 75 Resp: 258449
Ion Ratio Lower Upper
75 100
77 32.3 25.5 38.3
110 44.5 35.0 52.6





#62

1,3,5-Trimethylbenzene

Concen: 105.739 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX041124.D

Acq: 17 Apr 2024 14:14

Instrument :

MSVOA_X

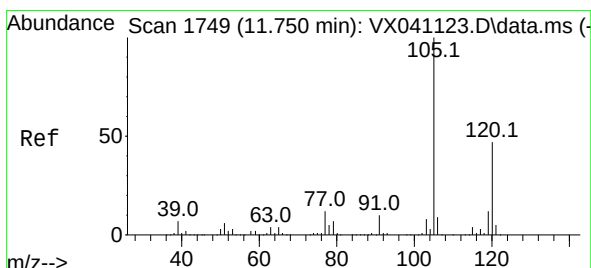
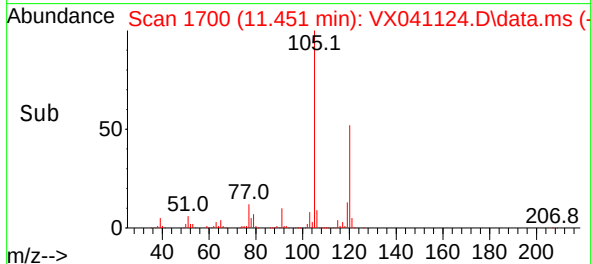
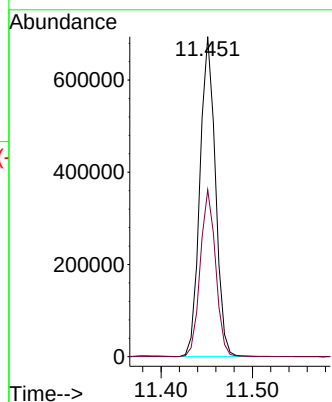
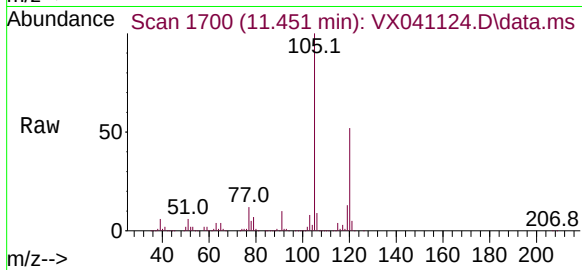
ClientSampleId :

Tgt Ion:105 Resp: 815753

Ion Ratio Lower Upper

105 100

120 51.7 41.2 61.8



#63

1,2,4-Trimethylbenzene

Concen: 106.831 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX041124.D

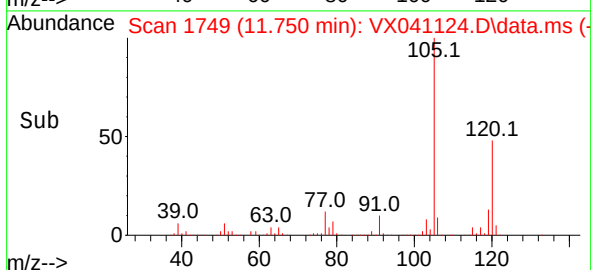
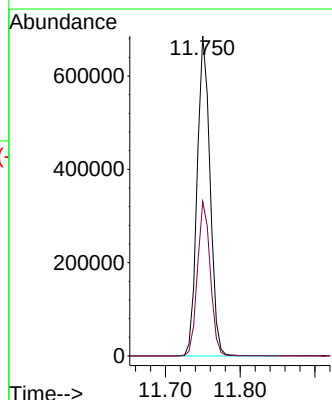
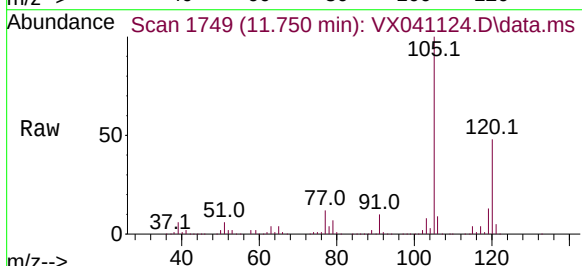
Acq: 17 Apr 2024 14:14

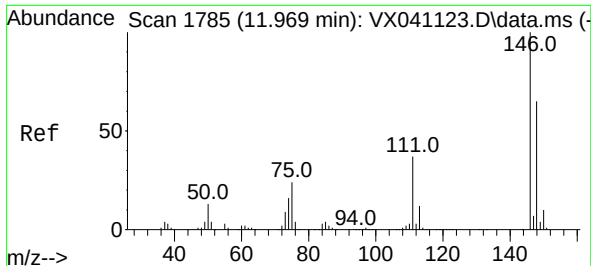
Tgt Ion:105 Resp: 819748

Ion Ratio Lower Upper

105 100

120 48.0 38.2 57.2





#64

1,3-Dichlorobenzene

Concen: 103.625 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX041124.D

Acq: 17 Apr 2024 14:14

Instrument :

MSVOA_X

ClientSampleId :

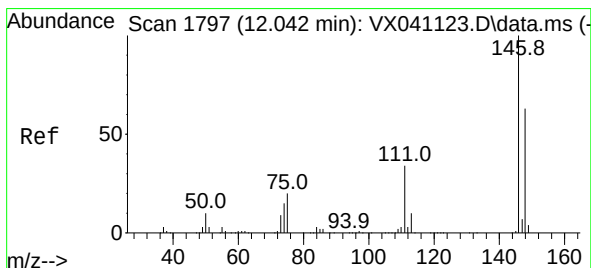
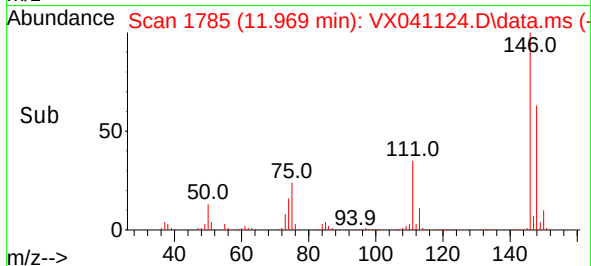
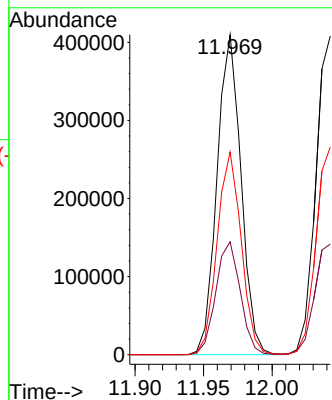
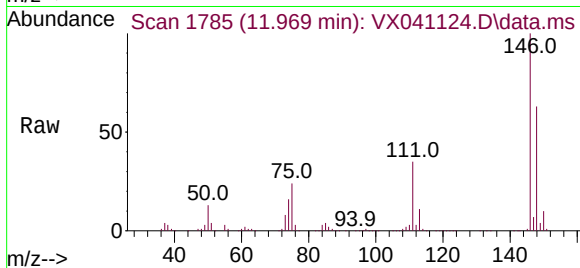
Tgt Ion:146 Resp: 499562

Ion Ratio Lower Upper

146 100

111 35.3 25.6 47.4

148 63.4 45.2 84.0



#65

1,4-Dichlorobenzene

Concen: 100.913 ug/L

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX041124.D

Acq: 17 Apr 2024 14:14

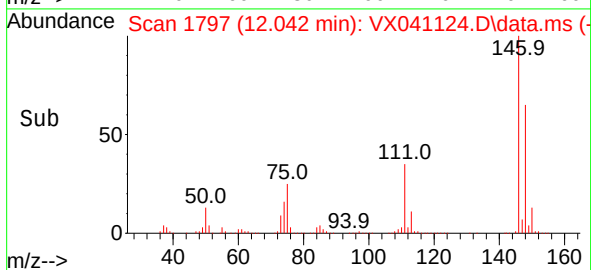
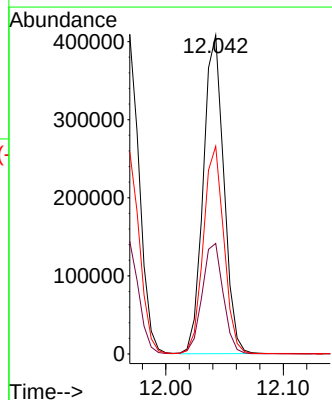
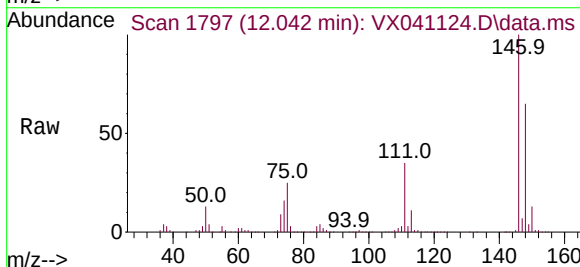
Tgt Ion:146 Resp: 496273

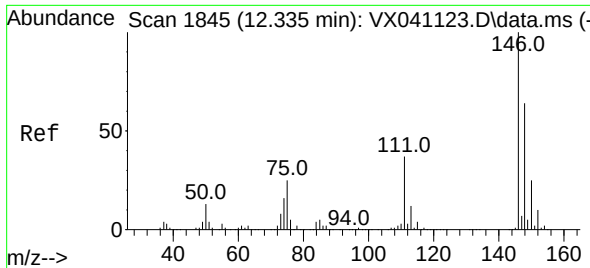
Ion Ratio Lower Upper

146 100

111 34.7 23.9 44.5

148 65.2 44.2 82.0





#67

1,2-Dichlorobenzene

Concen: 101.665 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX041124.D

Acq: 17 Apr 2024 14:14

Instrument :

MSVOA_X

ClientSampleId :

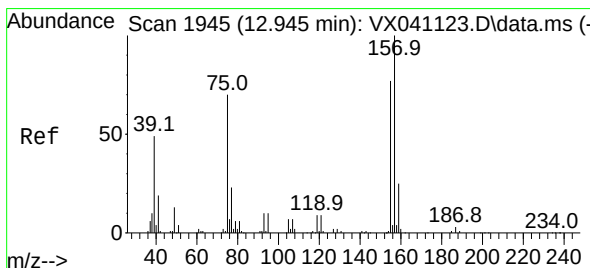
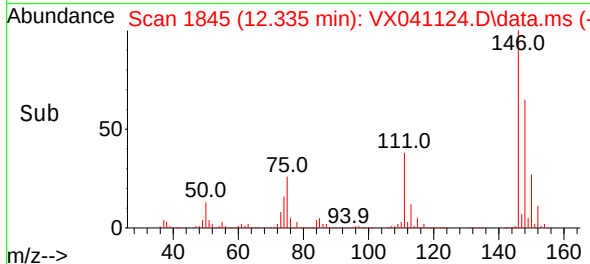
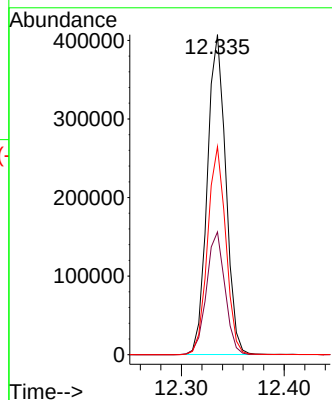
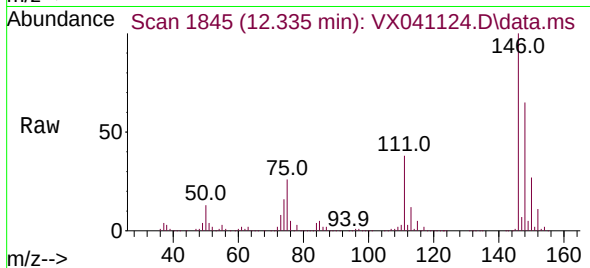
Tgt Ion:146 Resp: 508275

Ion Ratio Lower Upper

146 100

111 38.3 30.0 45.0

148 65.0 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 108.234 ug/L

RT: 12.939 min Scan# 1944

Delta R.T. -0.006 min

Lab File: VX041124.D

Acq: 17 Apr 2024 14:14

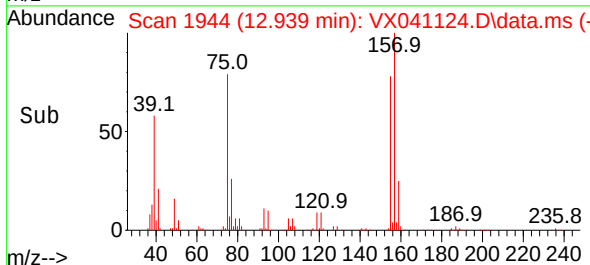
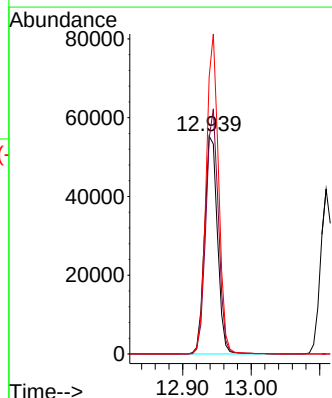
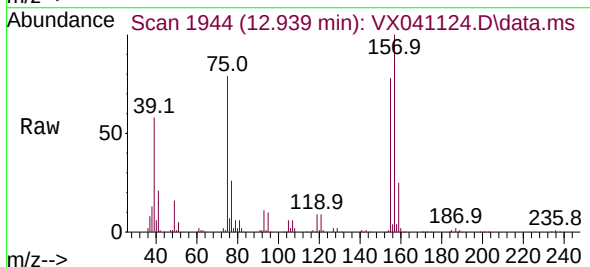
Tgt Ion: 75 Resp: 72946

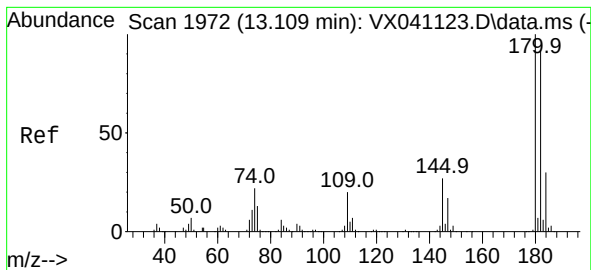
Ion Ratio Lower Upper

75 100

155 98.9 89.0 133.6

157 127.1 115.1 172.7





#69

1,3,5-Trichlorobenzene

Concen: 105.216 ug/L

RT: 13.109 min Scan# 1972

Delta R.T. 0.000 min

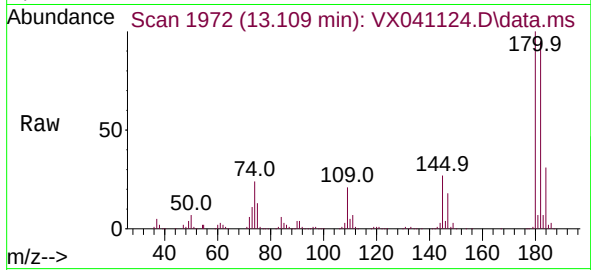
Lab File: VX041124.D

Acq: 17 Apr 2024 14:14

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 394999

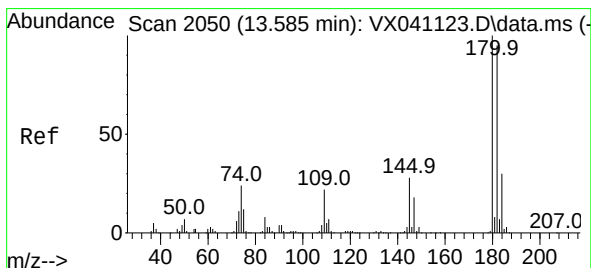
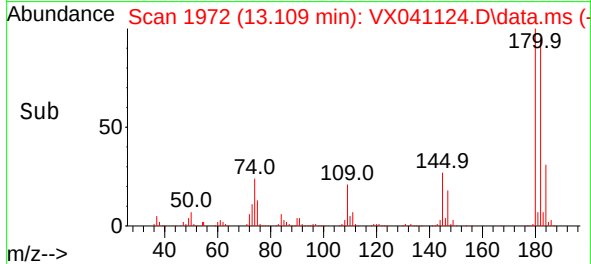
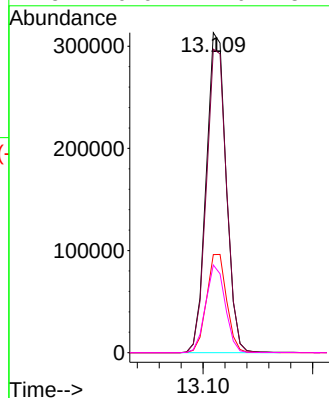
Ion Ratio Lower Upper

180 100

182 96.4 76.8 115.2

184 31.0 24.3 36.5

145 26.9 21.0 31.4



#70

1,2,4-trichlorobenzene

Concen: 108.917 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX041124.D

Acq: 17 Apr 2024 14:14

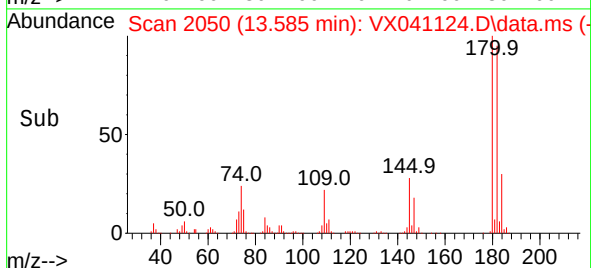
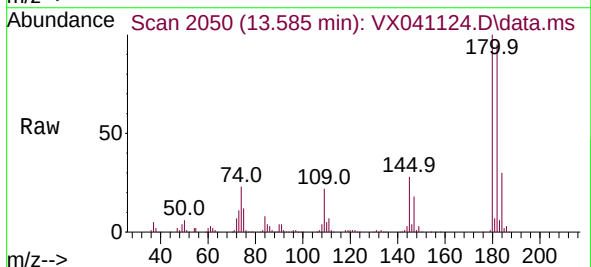
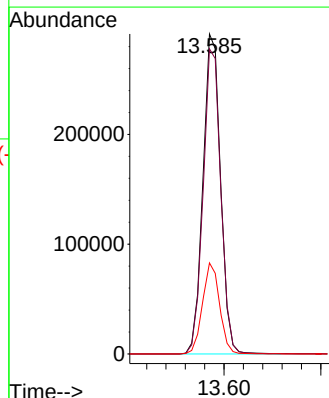
Tgt Ion:180 Resp: 368735

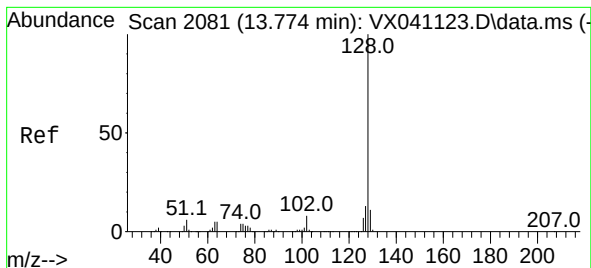
Ion Ratio Lower Upper

180 100

182 95.8 76.2 114.4

145 27.6 21.8 32.6





#71

Naphthalene

Concen: 111.269 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX041124.D

Acq: 17 Apr 2024 14:14

Instrument :

MSVOA_X

ClientSampleId :

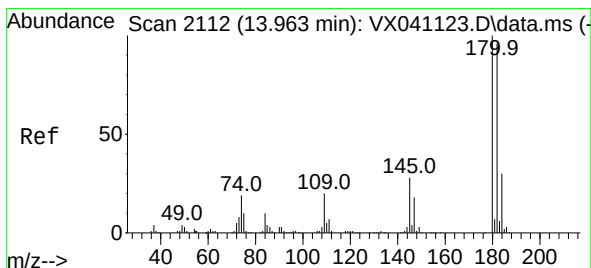
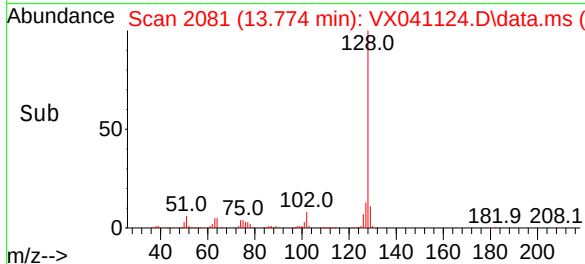
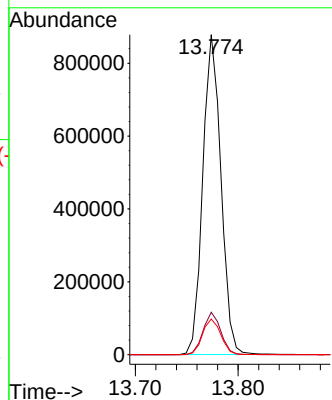
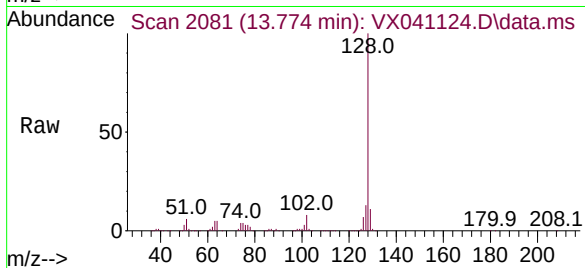
Tgt Ion:128 Resp: 1081191

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 11.3 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 107.668 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX041124.D

Acq: 17 Apr 2024 14:14

Tgt Ion:180 Resp: 380533

Ion Ratio Lower Upper

180 100

182 95.5 76.5 114.7

145 29.1 23.1 34.7

