

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030724\
 Data File : VX040604.D
 Acq On : 06 Mar 2024 14:45
 Operator : JC/MD
 Sample : VSTD200
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 07 01:18:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML030724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 07 01:15:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	152974	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	147999	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	80793	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	275189	220.628	ug/L	0.00
7) Chloroethane-d5	1.648	69	224217	239.202	ug/L	-0.02
11) 1,1-Dichloroethene-d2	2.300	65	124645	228.488	ug/L	0.00
21) 2-Butanone-d5	4.458	46	446245	411.601	ug/L	0.00
24) Chloroform-d	5.056	84	536273	240.227	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	379318	254.730	ug/L	0.00
32) Benzene-d6	5.976	84	943583	204.082	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	295054	199.342	ug/L	0.00
41) Toluene-d8	8.653	98	889453	210.110	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	168997	222.715	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	357024	412.565	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	461650	218.318	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	326882	206.713	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	286254	228.961	ug/L	100
3) Chloromethane	1.294	50	248062	196.816	ug/L	98
5) Vinyl chloride	1.374	62	266947	210.629	ug/L	97
6) Bromomethane	1.599	94	108082	157.490	ug/L	99
8) Chloroethane	1.672	64	160754	221.610	ug/L	93
9) Trichlorofluoromethane	1.880	101	375118	226.859	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	218479	208.862	ug/L	99
12) 1,1-Dichloroethene	2.313	96	197108	202.032	ug/L	90
13) Acetone	2.386	43	283142	289.751	ug/L	99
14) Carbon disulfide	2.508	76	584773	191.829	ug/L	99
15) Methyl Acetate	2.703	43	259183	180.678	ug/L	99
16) Methylene chloride	2.788	84	210567	189.536	ug/L	99
17) trans-1,2-Dichloroethene	3.087	96	202135	198.555	ug/L	98
18) Methyl tert-butyl Ether	3.117	73	724014	202.550	ug/L	100
19) 1,1-Dichloroethane	3.611	63	399685	197.666	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	231251	196.452	ug/L	97
22) 2-Butanone	4.562	43	399364	328.664	ug/L	99
23) Bromochloromethane	4.897	128	113447	201.936	ug/L	98
25) Chloroform	5.093	83	435939	211.648	ug/L	99
27) 1,2-Dichloroethane	6.086	62	392502	234.889	ug/L	100
29) Cyclohexane	5.470	56	346822	174.826	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	396212	219.328	ug/L	99
31) Carbon tetrachloride	5.678	117	337753	223.835	ug/L	99
33) Benzene	6.037	78	830550	182.227	ug/L	100
34) Trichloroethene	7.123	95	242904	197.470	ug/L	97
35) Methylcyclohexane	7.379	83	358789	179.605	ug/L	99
37) 1,2-Dichloropropane	7.427	63	224818	179.144	ug/L	100
38) Bromodichloromethane	7.824	83	337404	213.278	ug/L	96
39) cis-1,3-Dichloropropene	8.366	75	397369	196.451	ug/L	97
40) 4-Methyl-2-pentanone	8.580	43	803116	380.407	ug/L	99
42) Toluene	8.720	91	921028	188.822	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	397174	209.917	ug/L	99

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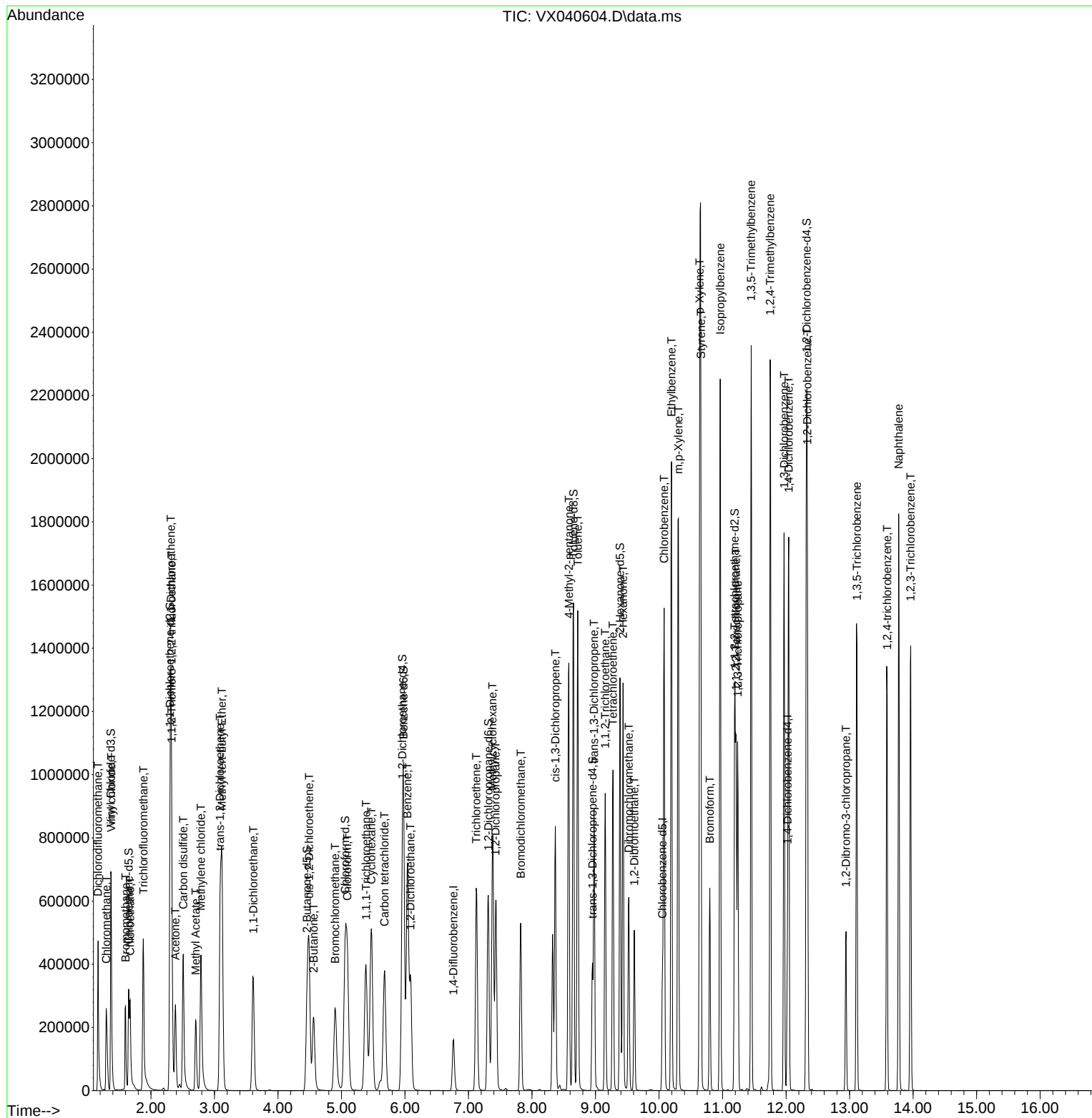
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	228908	194.551	ug/L	98
46) Tetrachloroethene	9.275	164	172842	209.377	ug/L	97
48) 2-Hexanone	9.433	43	661000	376.467	ug/L	99
49) Dibromochloromethane	9.525	129	257117	221.425	ug/L	97
50) 1,2-Dibromoethane	9.610	107	255903	202.747	ug/L	96
51) Chlorobenzene	10.079	112	592505	195.687	ug/L	99
52) Ethylbenzene	10.195	91	1103232	200.946	ug/L	98
53) m,p-Xylene	10.305	106	408363	200.223	ug/L	90
54) o-Xylene	10.640	106	399692	204.120	ug/L	99
55) Styrene	10.659	104	716768	213.236	ug/L	94
57) 1,1,2,2-Tetrachloroethane	11.213	83	394436	194.491	ug/L	99
59) Bromoform	10.799	173	207506	215.116	ug/L	100
60) Isopropylbenzene	10.963	105	1095634	185.662	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	324379	184.081	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	956808	192.218	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	974004	198.603	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	496447	199.316	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	498852	196.583	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	436460	181.516	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	98767	182.896	ug/L #	83
69) 1,3,5-Trichlorobenzene	13.115	180	323761	192.888	ug/L	100
70) 1,2,4-trichlorobenzene	13.591	180	289830	181.398	ug/L	99
71) Naphthalene	13.774	128	1002061	185.602	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	303004	195.547	ug/L	99

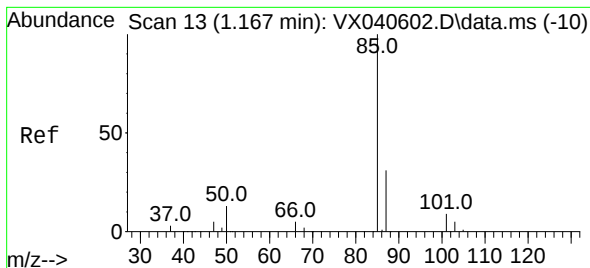
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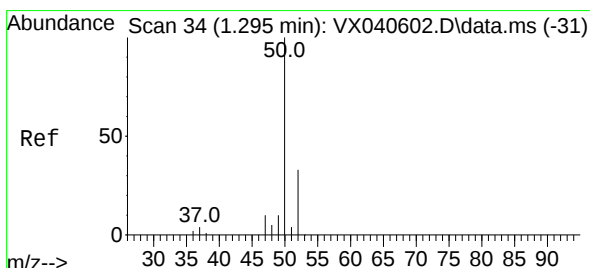
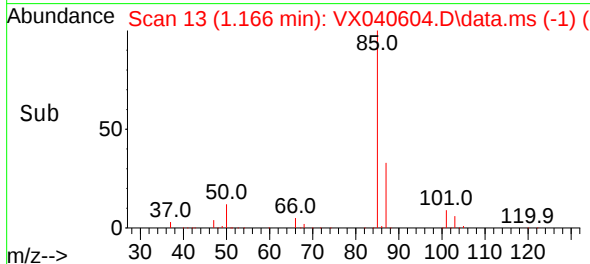
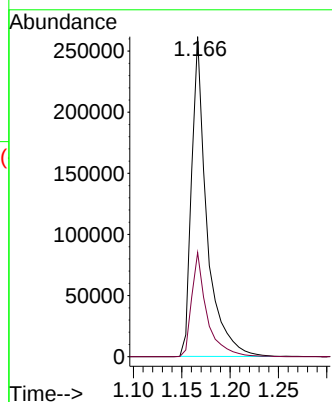
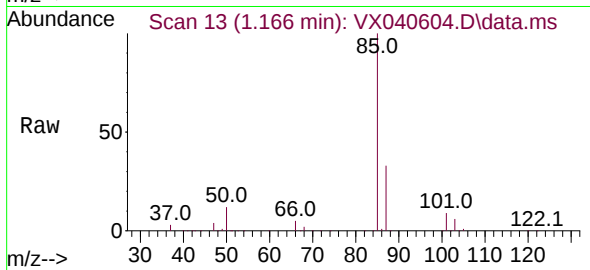




#2
 Dichlorodifluoromethane
 Concen: 228.961 ug/L
 RT: 1.166 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: VX040604.D
 Acq: 06 Mar 2024 14:45

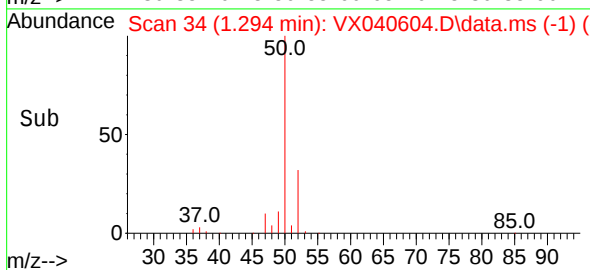
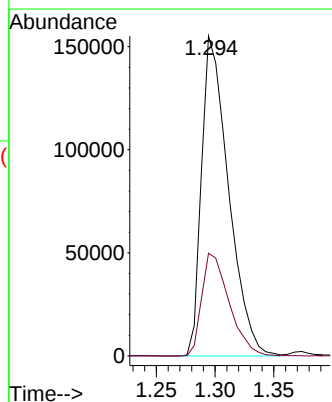
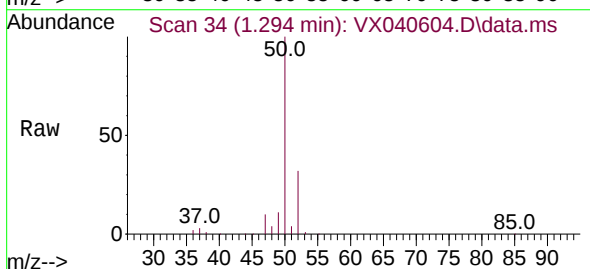
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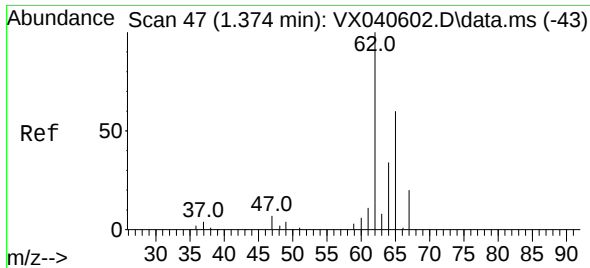
Tgt Ion: 85 Resp: 286254
 Ion Ratio Lower Upper
 85 100
 87 32.5 26.1 39.1



#3
 Chloromethane
 Concen: 196.816 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. -0.000 min
 Lab File: VX040604.D
 Acq: 06 Mar 2024 14:45

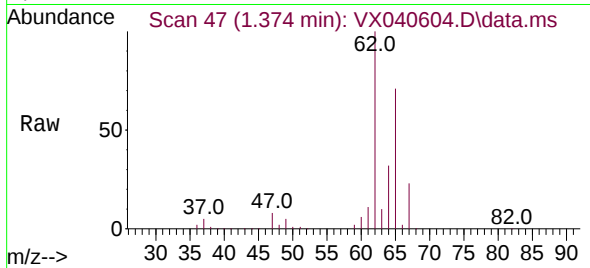
Tgt Ion: 50 Resp: 248062
 Ion Ratio Lower Upper
 50 100
 52 32.1 23.1 42.9



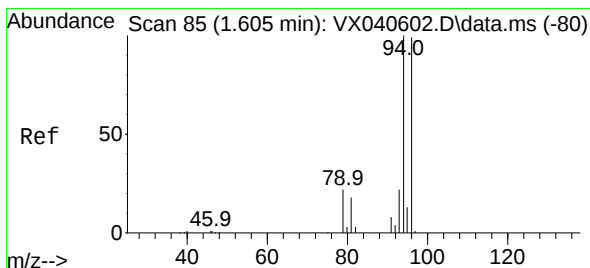
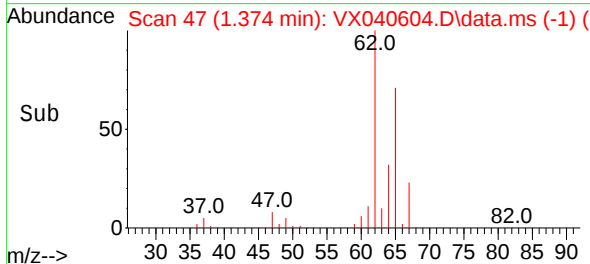
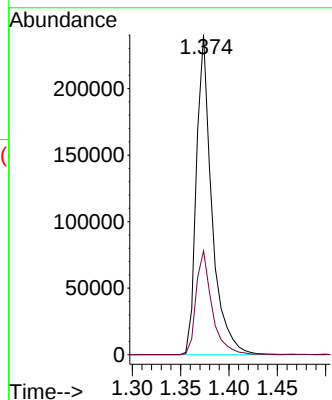


#5
 Vinyl chloride
 Concen: 210.629 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX040604.D
 Acq: 06 Mar 2024 14:45

Instrument :
 MSVOA_X
 ClientSampleId :

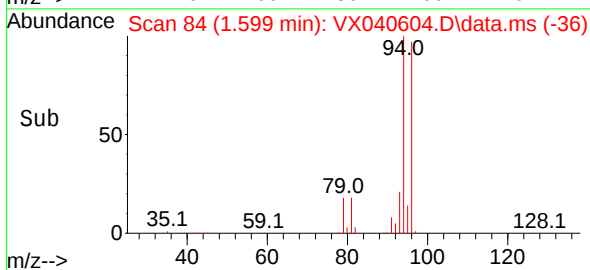
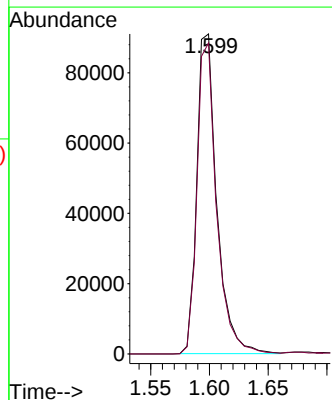
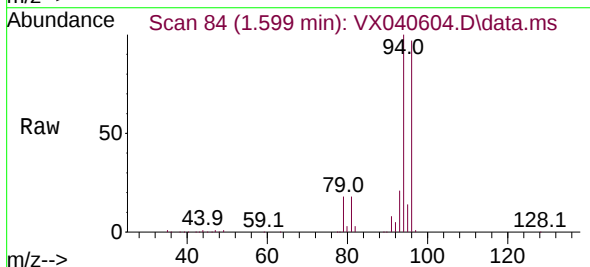


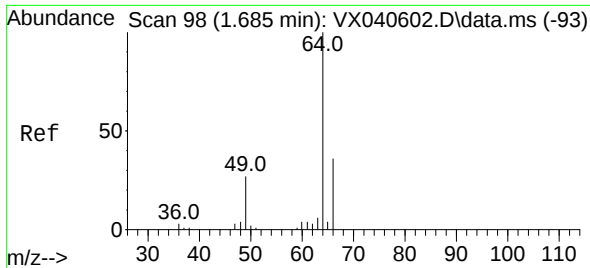
Tgt Ion: 62 Resp: 266947
 Ion Ratio Lower Upper
 62 100
 64 32.5 23.8 44.2



#6
 Bromomethane
 Concen: 157.490 ug/L
 RT: 1.599 min Scan# 84
 Delta R.T. -0.006 min
 Lab File: VX040604.D
 Acq: 06 Mar 2024 14:45

Tgt Ion: 94 Resp: 108082
 Ion Ratio Lower Upper
 94 100
 96 97.2 69.0 128.2

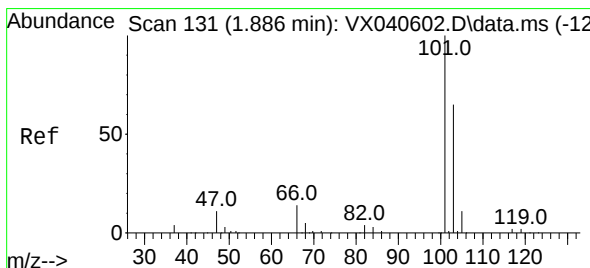
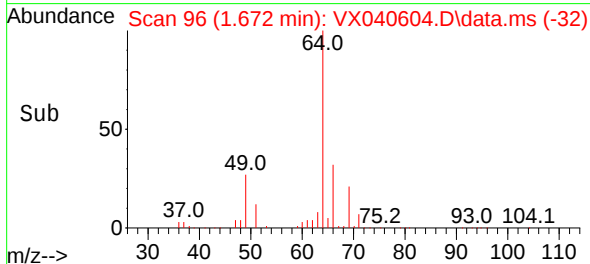
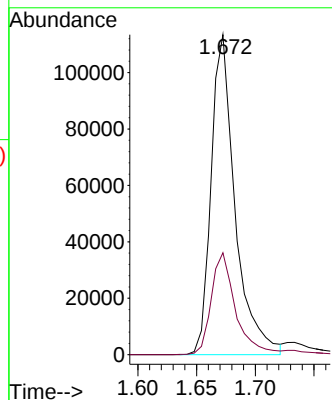
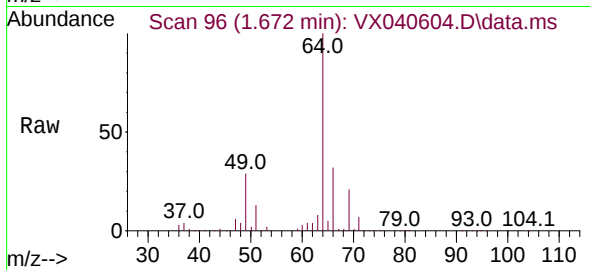




#8
Chloroethane
Concen: 221.610 ug/L
RT: 1.672 min Scan# 90
Delta R.T. -0.012 min
Lab File: VX040604.D
Acq: 06 Mar 2024 14:45

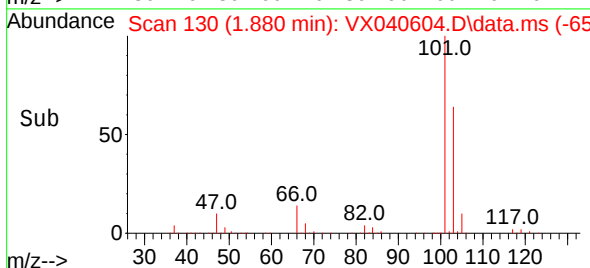
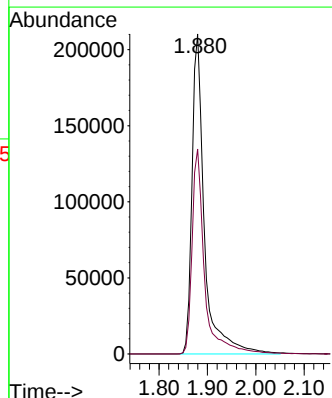
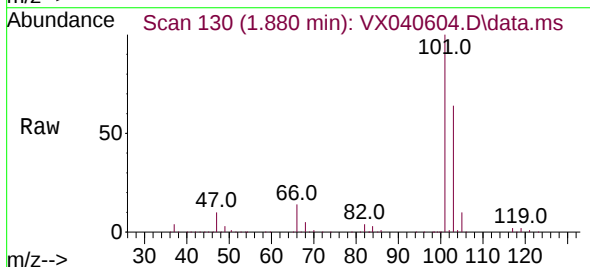
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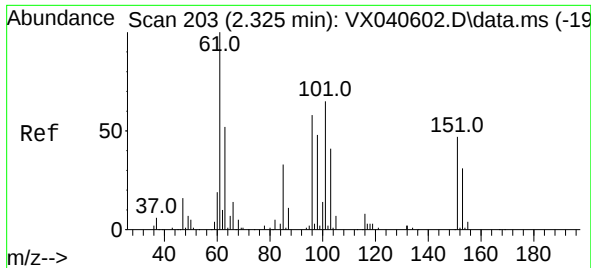
Tgt Ion: 64 Resp: 160754
Ion Ratio Lower Upper
64 100
66 31.9 25.0 46.4



#9
Trichlorofluoromethane
Concen: 226.859 ug/L
RT: 1.880 min Scan# 130
Delta R.T. -0.006 min
Lab File: VX040604.D
Acq: 06 Mar 2024 14:45

Tgt Ion:101 Resp: 375118
Ion Ratio Lower Upper
101 100
103 64.2 51.7 77.5

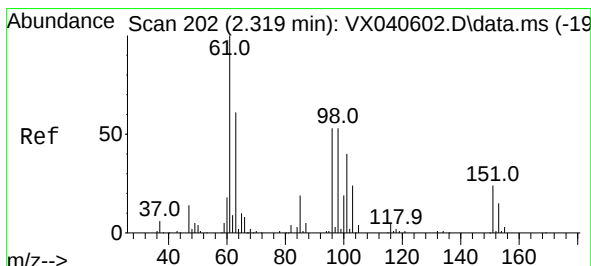
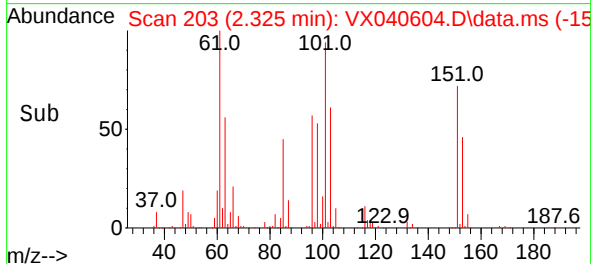
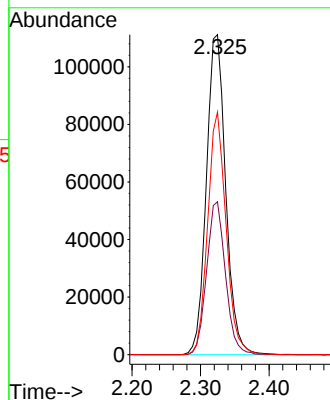
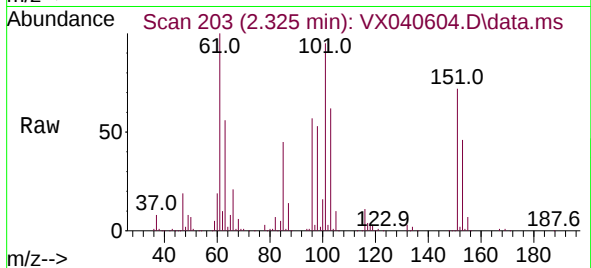




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 208.862 ug/L
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX040604.D
Acq: 06 Mar 2024 14:45

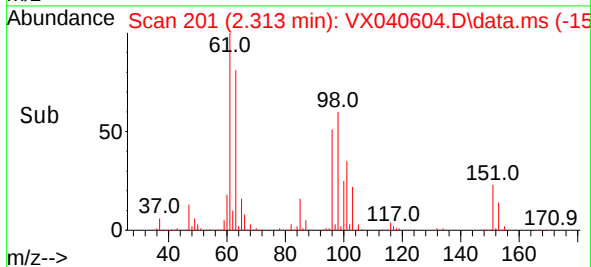
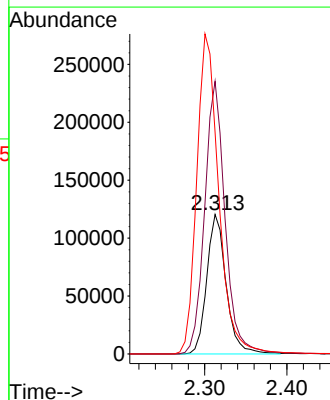
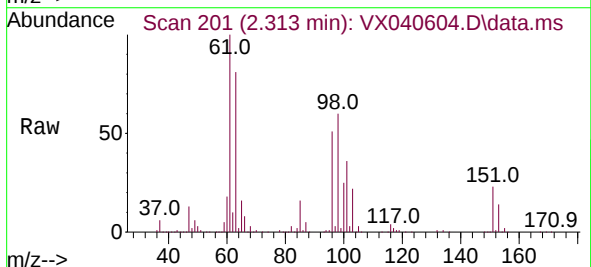
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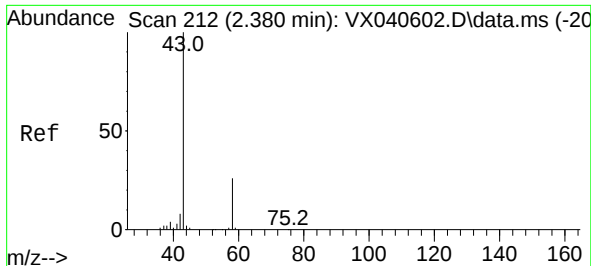
Tgt Ion:101 Resp: 218479
Ion Ratio Lower Upper
101 100
85 46.5 38.3 57.5
151 72.0 57.7 86.5



#12
1,1-Dichloroethene
Concen: 202.032 ug/L
RT: 2.313 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX040604.D
Acq: 06 Mar 2024 14:45

Tgt Ion: 96 Resp: 197108
Ion Ratio Lower Upper
96 100
61 195.5 134.8 250.4
63 158.8 92.5 171.9

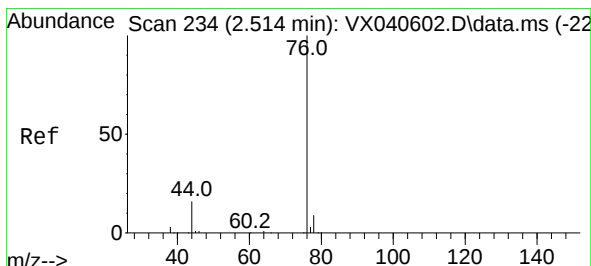
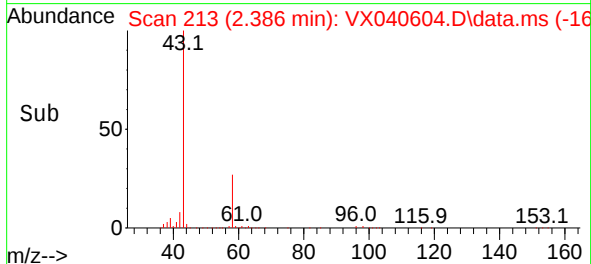
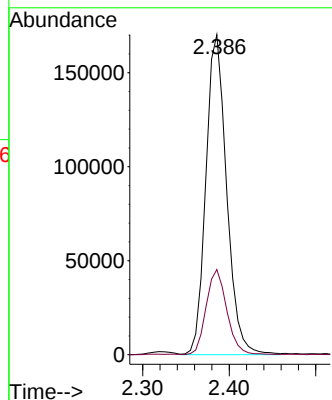
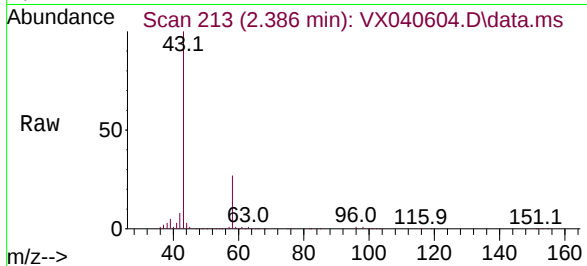




#13
Acetone
Concen: 289.751 ug/L
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX040604.D
Acq: 06 Mar 2024 14:45

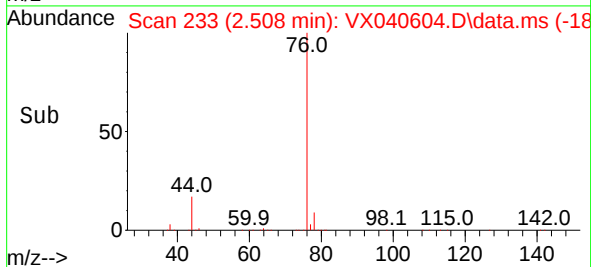
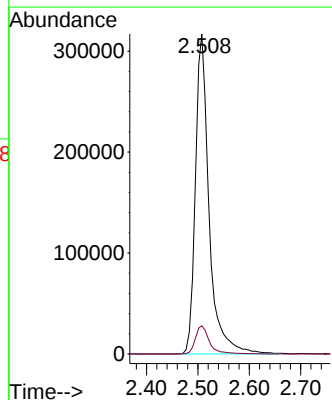
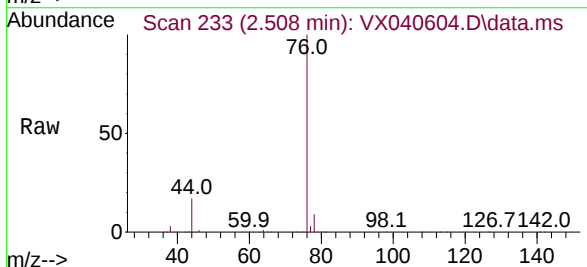
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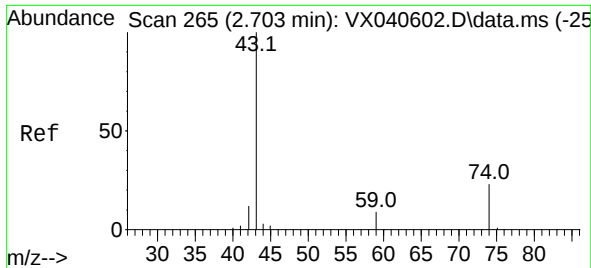
Tgt Ion: 43 Resp: 283142
Ion Ratio Lower Upper
43 100
58 26.6 0.0 54.6



#14
Carbon disulfide
Concen: 191.829 ug/L
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX040604.D
Acq: 06 Mar 2024 14:45

Tgt Ion: 76 Resp: 584773
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8





#15

Methyl Acetate

Concen: 180.678 ug/L

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX040604.D

Acq: 06 Mar 2024 14:45

Instrument :

MSVOA_X

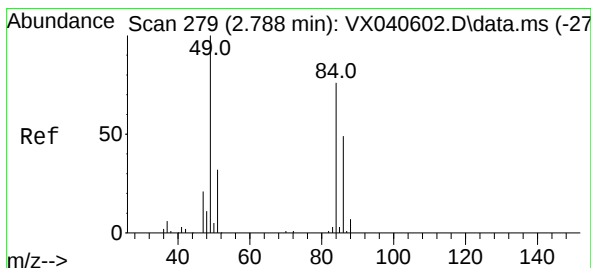
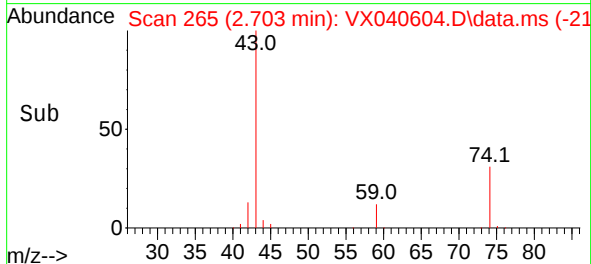
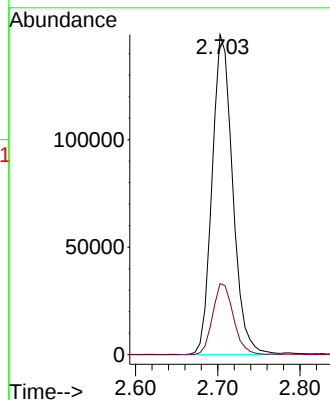
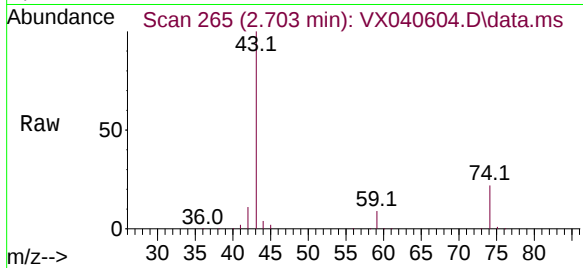
ClientSampleId :

Tgt Ion: 43 Resp: 259183

Ion Ratio Lower Upper

43 100

74 22.4 17.6 26.4



#16

Methylene chloride

Concen: 189.536 ug/L

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX040604.D

Acq: 06 Mar 2024 14:45

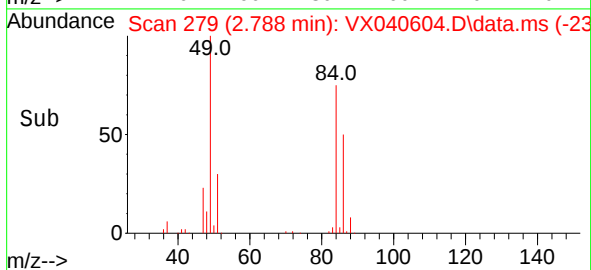
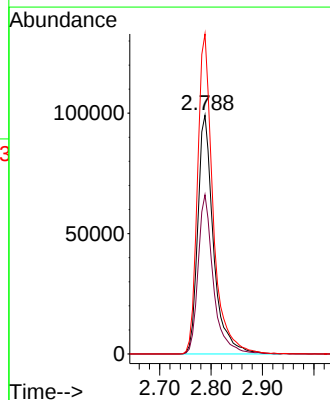
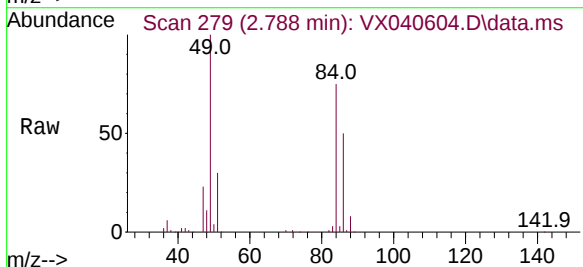
Tgt Ion: 84 Resp: 210567

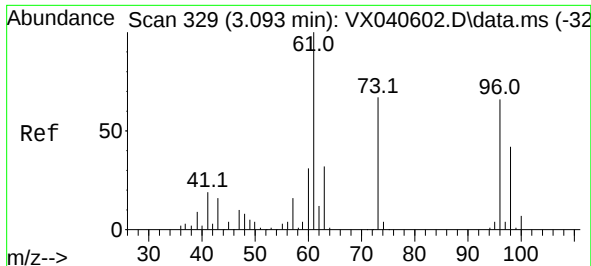
Ion Ratio Lower Upper

84 100

86 66.6 45.8 85.2

49 134.0 92.6 172.0

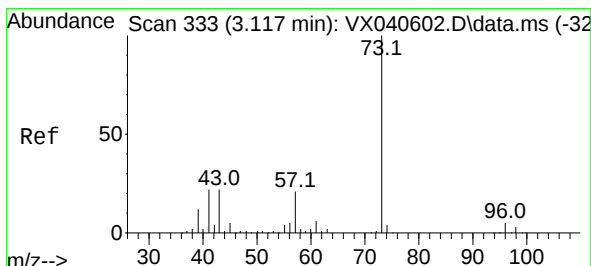
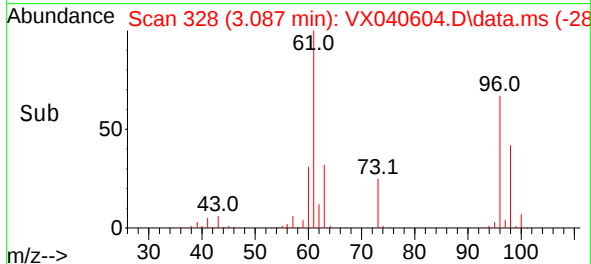
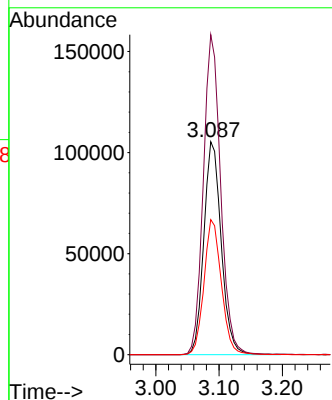
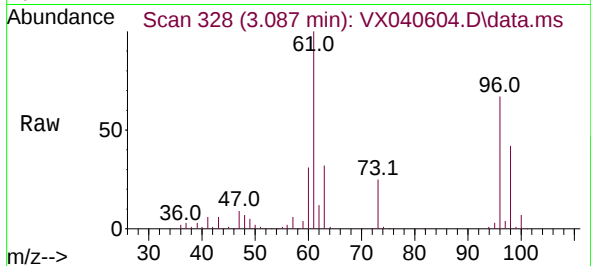




#17
trans-1,2-Dichloroethene
Concen: 198.555 ug/L
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX040604.D
Acq: 06 Mar 2024 14:45

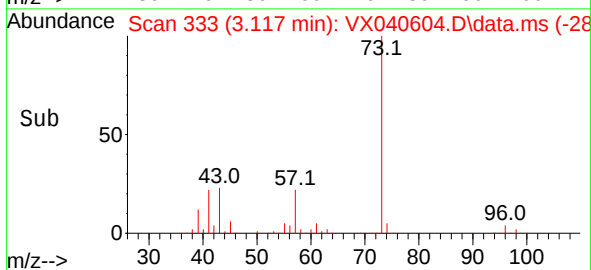
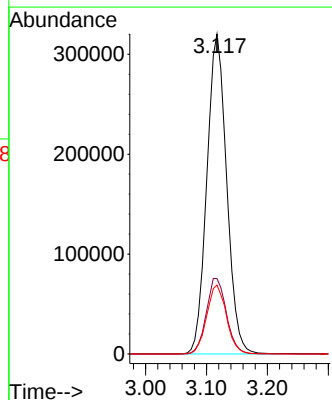
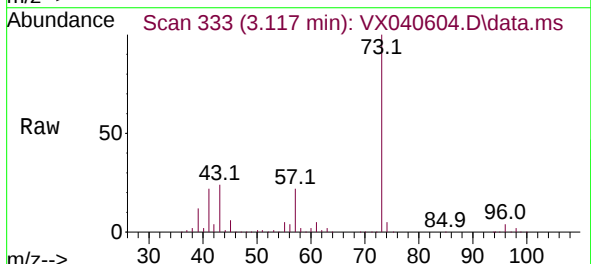
Instrument :
MSVOA_X
ClientSampleId :

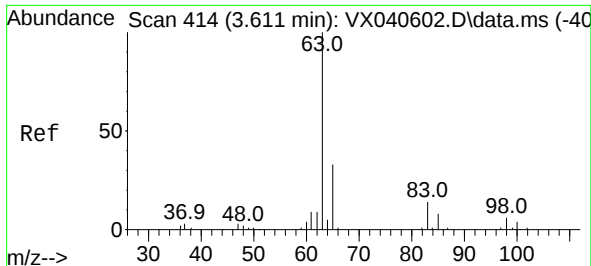
Tgt Ion: 96 Resp: 202135
Ion Ratio Lower Upper
96 100
61 150.3 106.6 198.0
98 63.4 45.1 83.9



#18
Methyl tert-butyl Ether
Concen: 202.550 ug/L
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX040604.D
Acq: 06 Mar 2024 14:45

Tgt Ion: 73 Resp: 724014
Ion Ratio Lower Upper
73 100
43 24.0 19.3 28.9
57 21.5 17.1 25.7





#19

1,1-Dichloroethane

Concen: 197.666 ug/L

RT: 3.611 min Scan# 414

Delta R.T. -0.000 min

Lab File: VX040604.D

Acq: 06 Mar 2024 14:45

Instrument :

MSVOA_X

ClientSampleId :

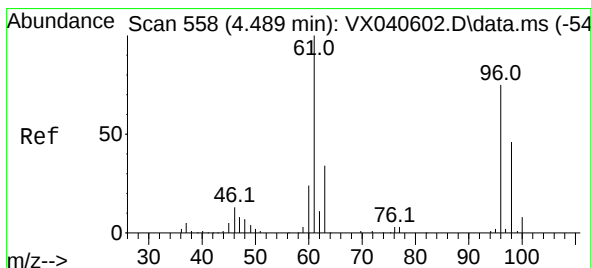
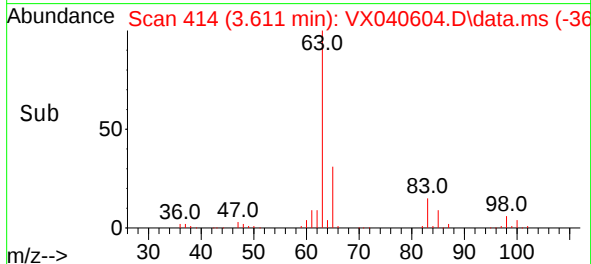
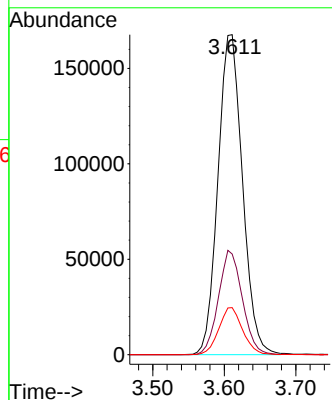
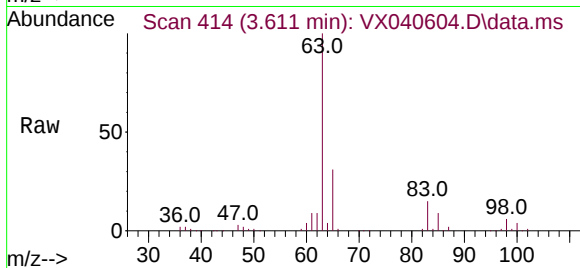
Tgt Ion: 63 Resp: 399685

Ion Ratio Lower Upper

63 100

65 31.5 23.1 42.9

83 14.7 9.9 18.5



#20

cis-1,2-Dichloroethene

Concen: 196.452 ug/L

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX040604.D

Acq: 06 Mar 2024 14:45

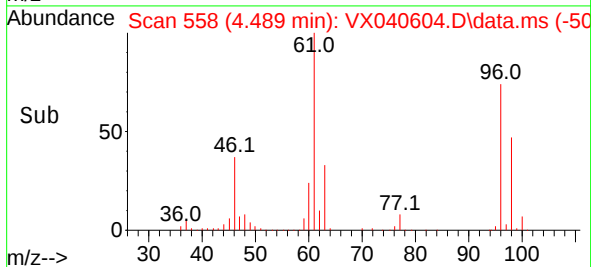
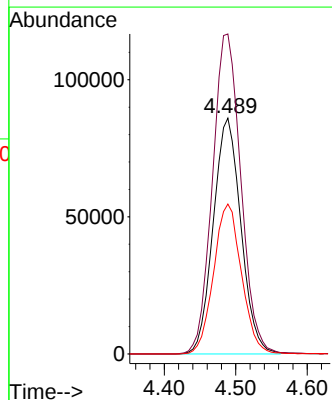
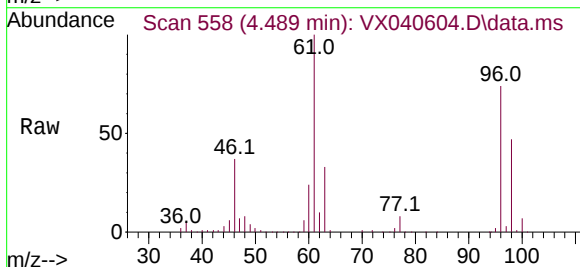
Tgt Ion: 96 Resp: 231251

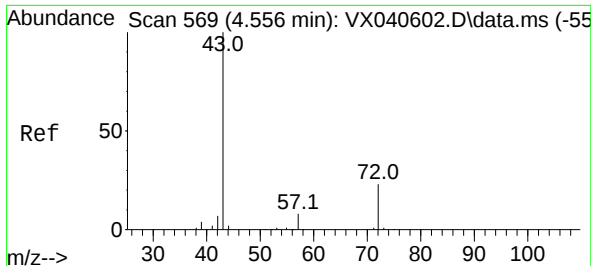
Ion Ratio Lower Upper

96 100

61 135.7 93.0 172.8

98 63.6 42.4 78.6





#22

2-Butanone

Concen: 328.664 ug/L

RT: 4.562 min Scan# 5

Delta R.T. 0.006 min

Lab File: VX040604.D

Acq: 06 Mar 2024 14:45

Instrument :

MSVOA_X

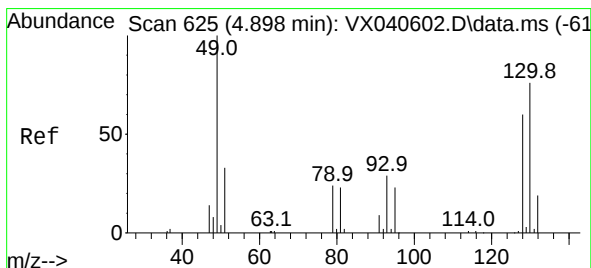
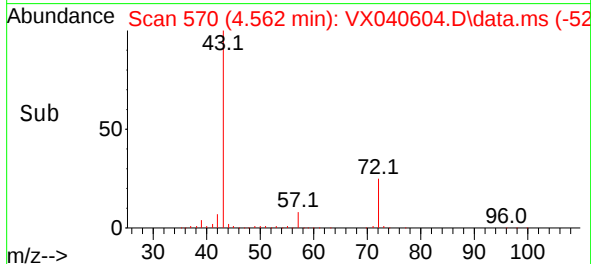
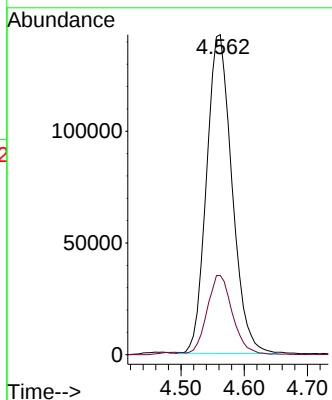
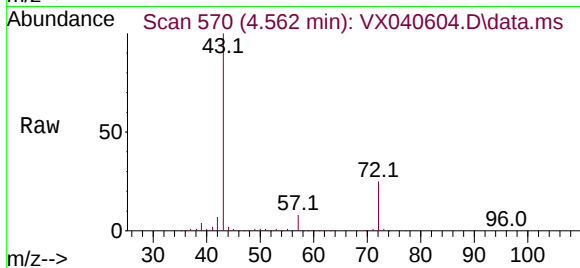
ClientSampleId :

Tgt Ion: 43 Resp: 399364

Ion Ratio Lower Upper

43 100

72 24.5 12.4 37.2



#23

Bromochloromethane

Concen: 201.936 ug/L

RT: 4.897 min Scan# 625

Delta R.T. -0.000 min

Lab File: VX040604.D

Acq: 06 Mar 2024 14:45

Tgt Ion:128 Resp: 113447

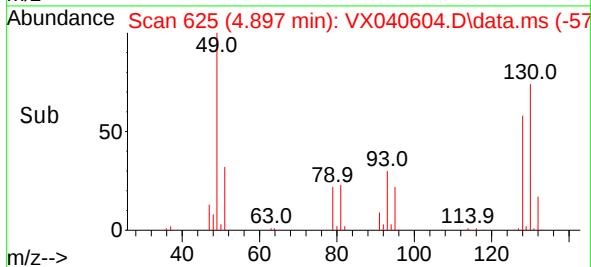
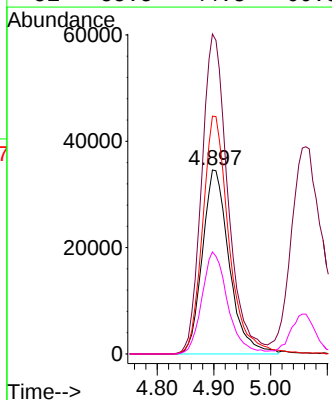
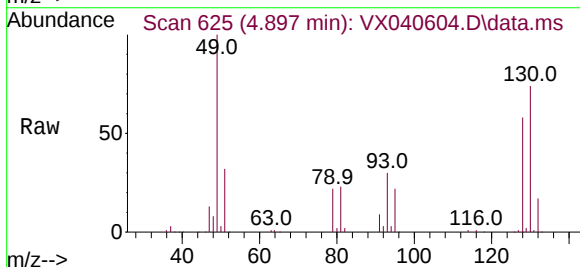
Ion Ratio Lower Upper

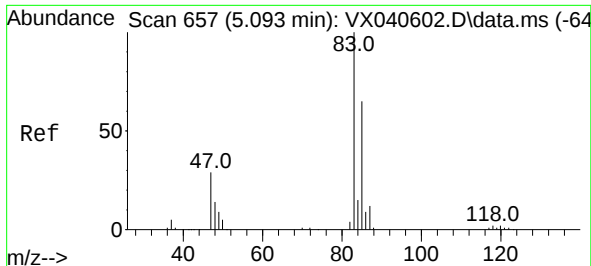
128 100

49 173.9 118.1 219.3

130 129.2 89.4 166.0

51 55.5 44.3 66.5





#25

Chloroform

Concen: 211.648 ug/L

RT: 5.093 min Scan# 657

Delta R.T. -0.000 min

Lab File: VX040604.D

Acq: 06 Mar 2024 14:45

Instrument :

MSVOA_X

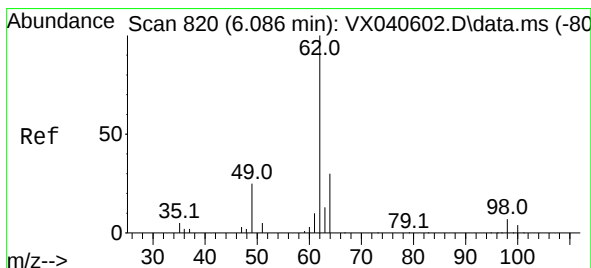
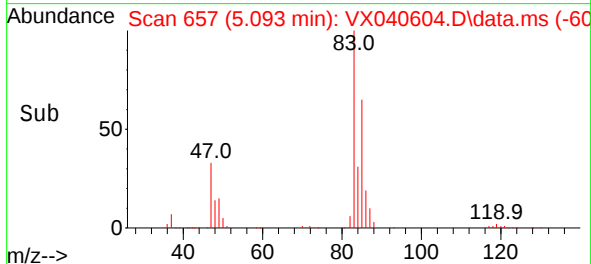
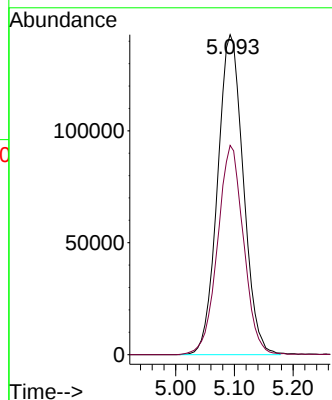
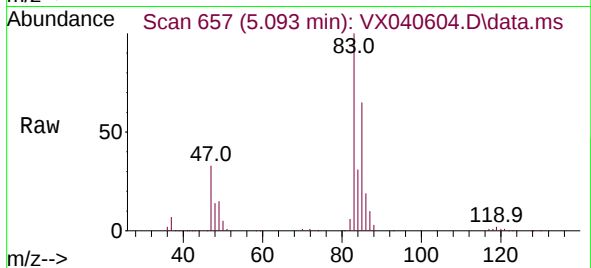
ClientSampleId :

Tgt Ion: 83 Resp: 435939

Ion Ratio Lower Upper

83 100

85 65.4 45.4 84.4



#27

1,2-Dichloroethane

Concen: 234.889 ug/L

RT: 6.086 min Scan# 820

Delta R.T. -0.000 min

Lab File: VX040604.D

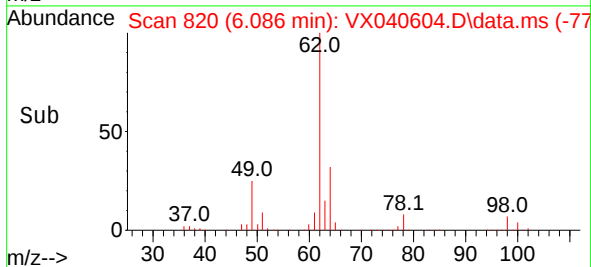
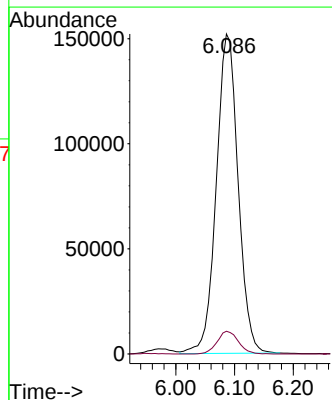
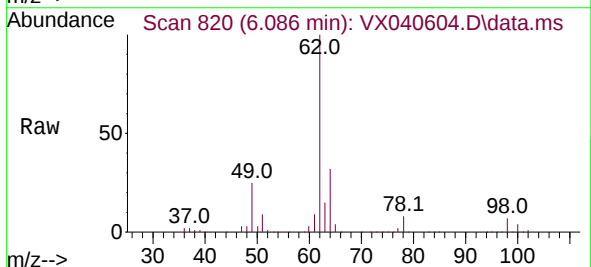
Acq: 06 Mar 2024 14:45

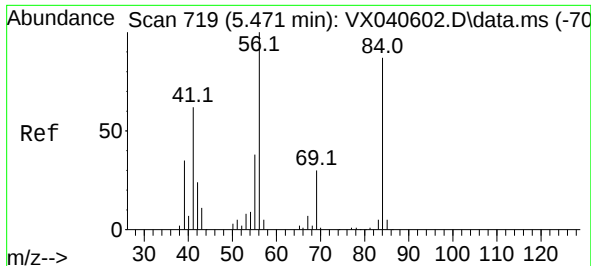
Tgt Ion: 62 Resp: 392502

Ion Ratio Lower Upper

62 100

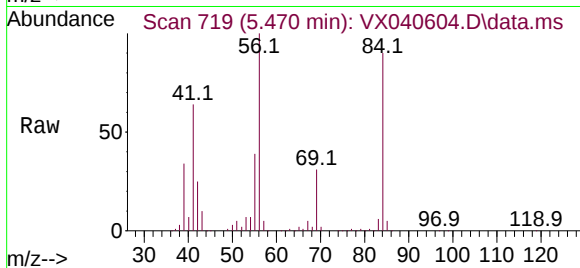
98 7.1 5.8 8.6



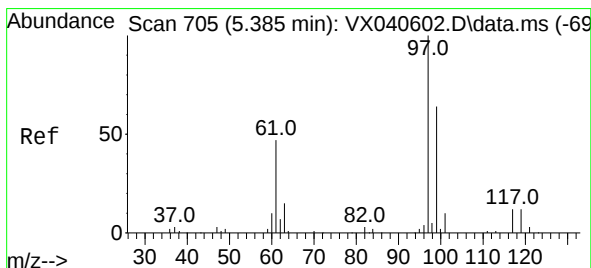
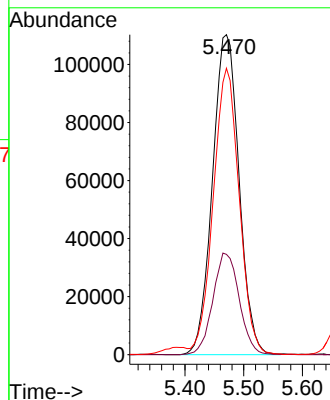
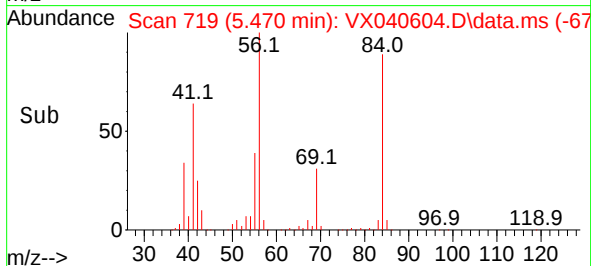


#29
Cyclohexane
Concen: 174.826 ug/L
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX040604.D
Acq: 06 Mar 2024 14:45

Instrument :
MSVOA_X
ClientSampleId :

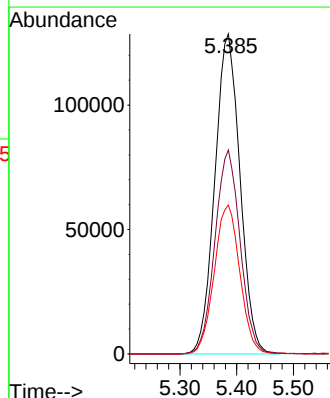
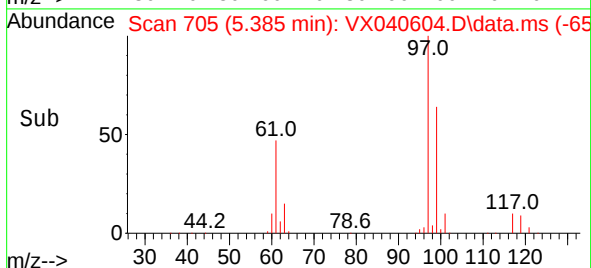
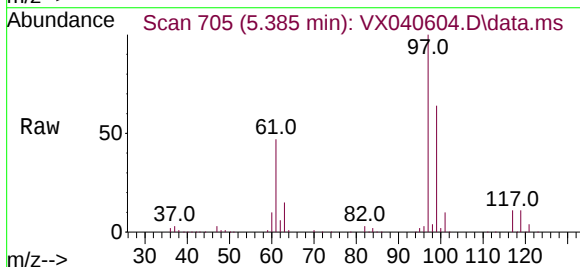


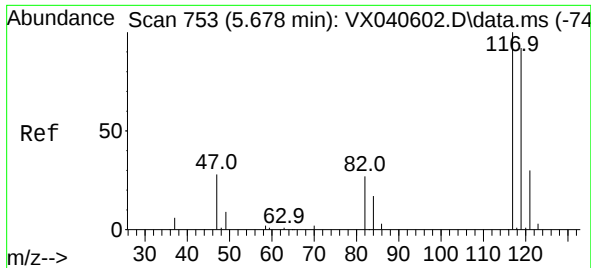
Tgt Ion: 56 Resp: 346822
Ion Ratio Lower Upper
56 100
69 31.3 25.0 37.4
84 87.2 70.6 105.8



#30
1,1,1-Trichloroethane
Concen: 219.328 ug/L
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040604.D
Acq: 06 Mar 2024 14:45

Tgt Ion: 97 Resp: 396212
Ion Ratio Lower Upper
97 100
99 63.8 52.1 78.1
61 47.4 38.3 57.5

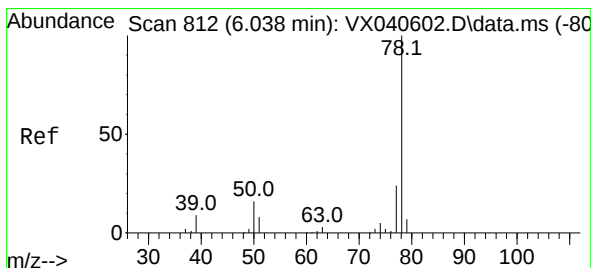
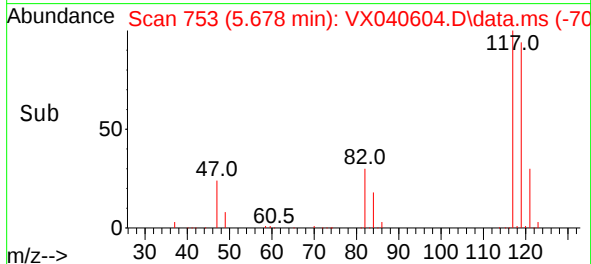
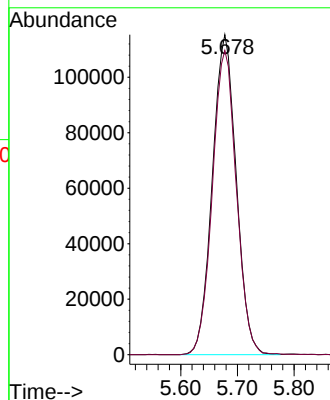
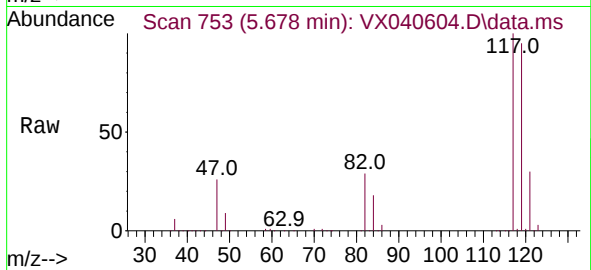




#31
Carbon tetrachloride
Concen: 223.835 ug/L
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX040604.D
Acq: 06 Mar 2024 14:45

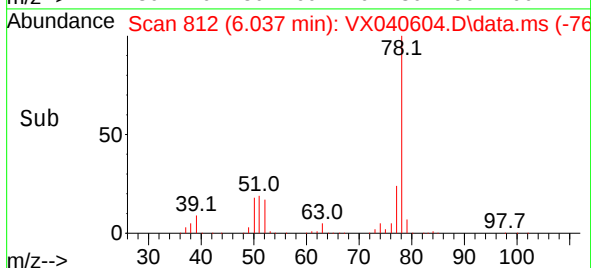
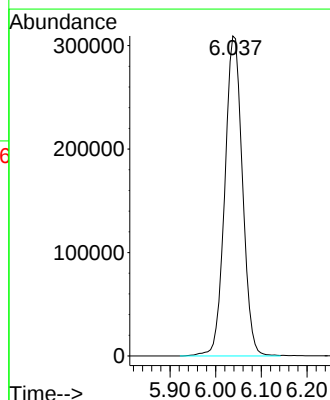
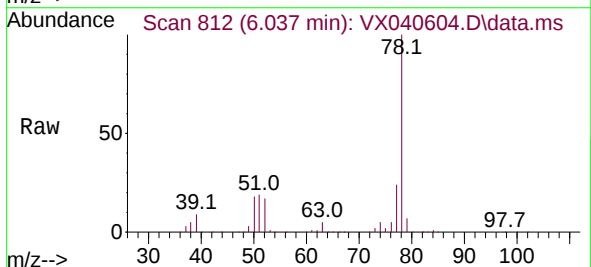
Instrument :
MSVOA_X
ClientSampleId :

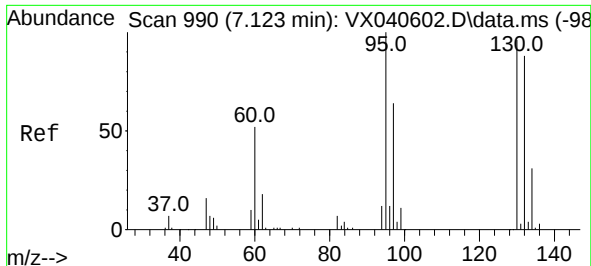
Tgt Ion:117 Resp: 337753
Ion Ratio Lower Upper
117 100
119 95.5 75.4 113.2



#33
Benzene
Concen: 182.227 ug/L
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX040604.D
Acq: 06 Mar 2024 14:45

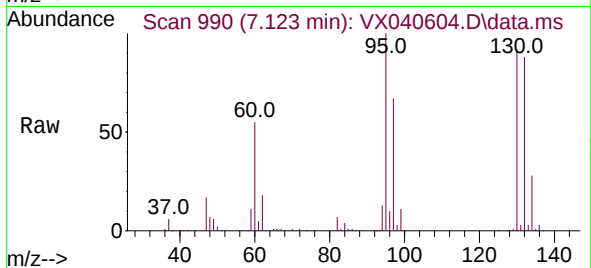
Tgt Ion: 78 Resp: 830550





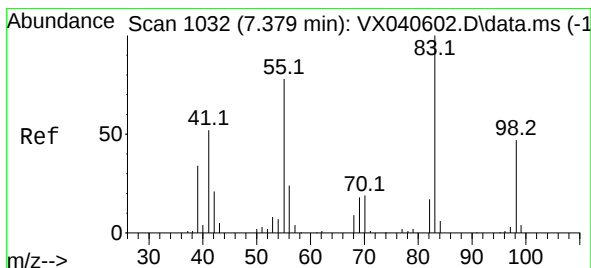
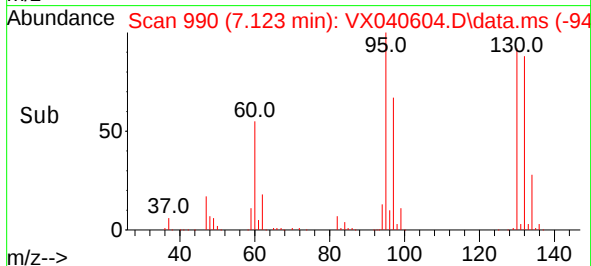
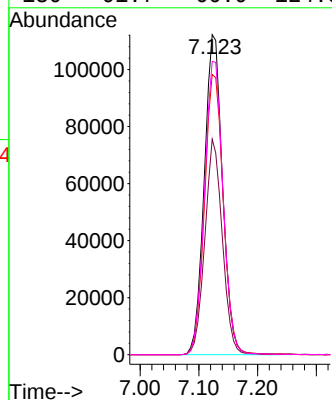
#34
Trichloroethene
Concen: 197.470 ug/L
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX040604.D
Acq: 06 Mar 2024 14:45

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 95 Resp: 242904

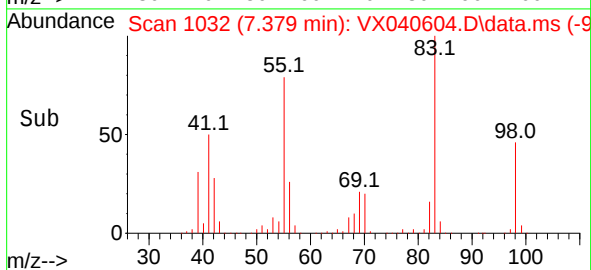
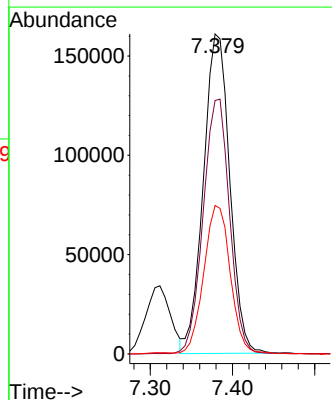
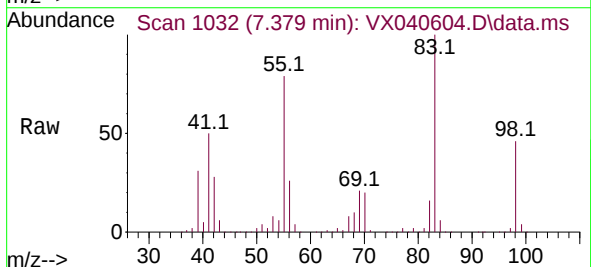
Ion	Ratio	Lower	Upper
95	100		
97	67.3	44.7	83.1
132	87.6	61.5	114.3
130	91.7	66.9	124.3

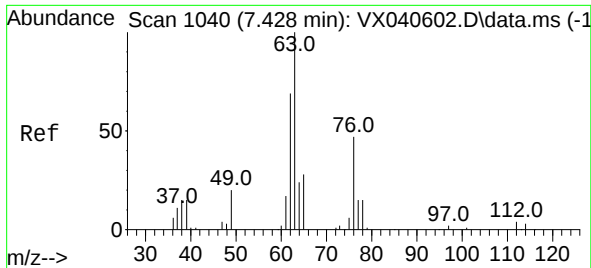


#35
Methylcyclohexane
Concen: 179.605 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX040604.D
Acq: 06 Mar 2024 14:45

Tgt Ion: 83 Resp: 358789

Ion	Ratio	Lower	Upper
83	100		
55	79.9	62.6	94.0
98	46.8	37.4	56.2





#37

1,2-Dichloropropane

Concen: 179.144 ug/L

RT: 7.427 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX040604.D

Acq: 06 Mar 2024 14:45

Instrument :

MSVOA_X

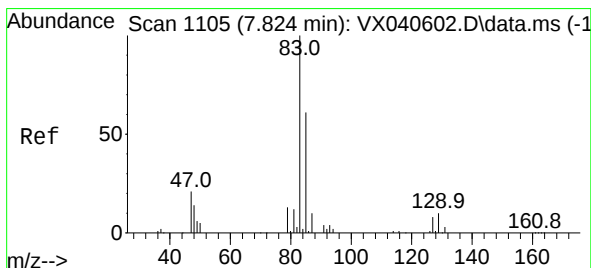
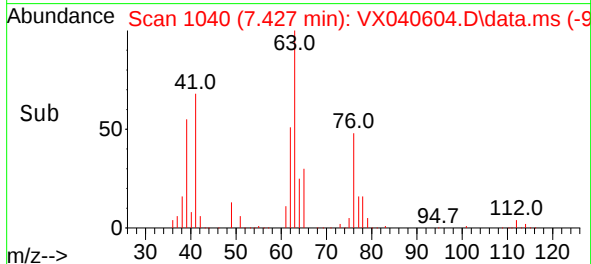
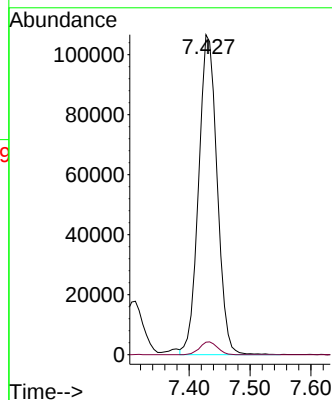
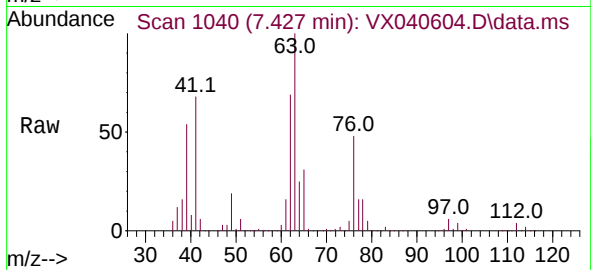
ClientSampleId :

Tgt Ion: 63 Resp: 224818

Ion Ratio Lower Upper

63 100

112 3.9 3.1 4.7



#38

Bromodichloromethane

Concen: 213.278 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VX040604.D

Acq: 06 Mar 2024 14:45

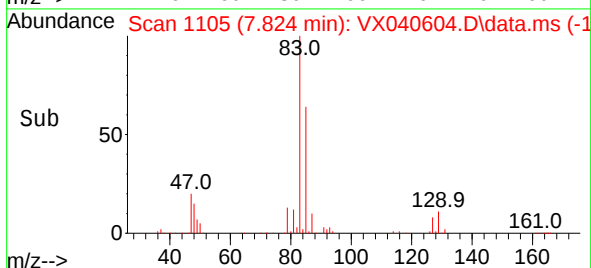
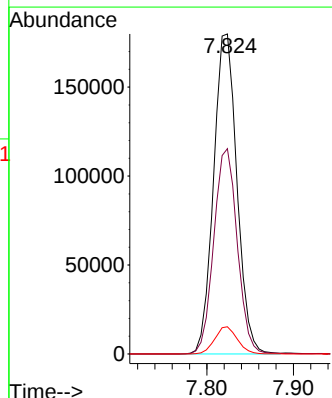
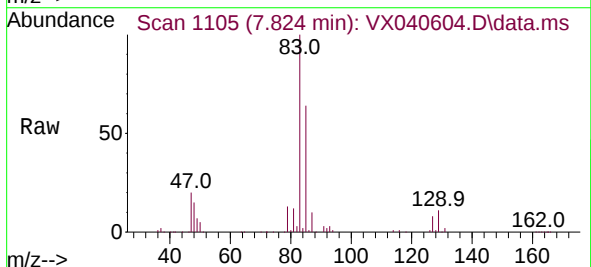
Tgt Ion: 83 Resp: 337404

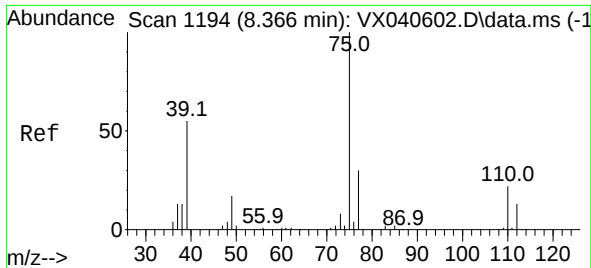
Ion Ratio Lower Upper

83 100

85 64.2 42.8 79.4

127 8.5 6.5 9.7

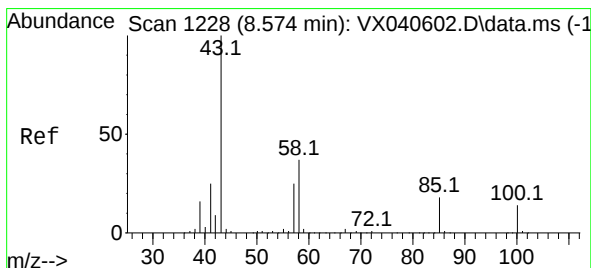
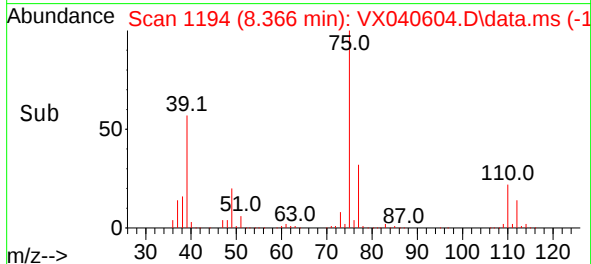
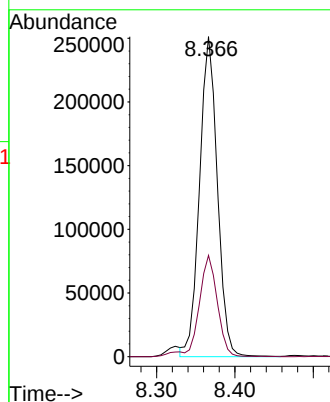
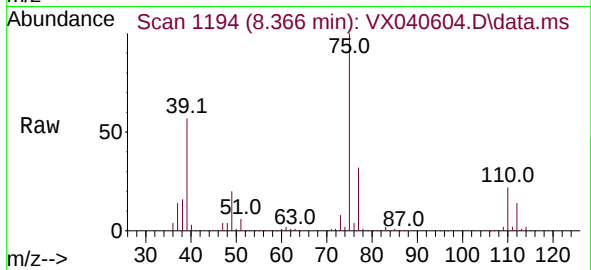




#39
 cis-1,3-Dichloropropene
 Concen: 196.451 ug/L
 RT: 8.366 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: VX040604.D
 Acq: 06 Mar 2024 14:45

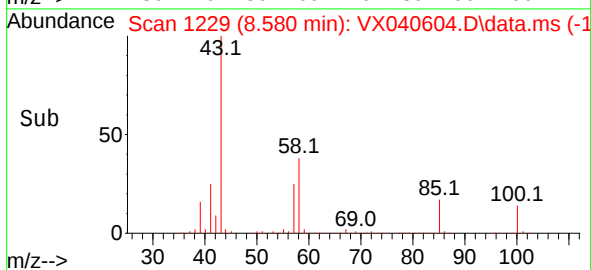
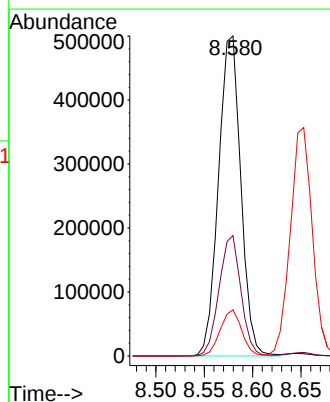
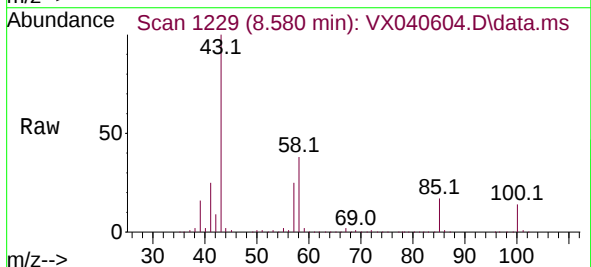
Instrument :
 MSVOA_X
 ClientSampleId :

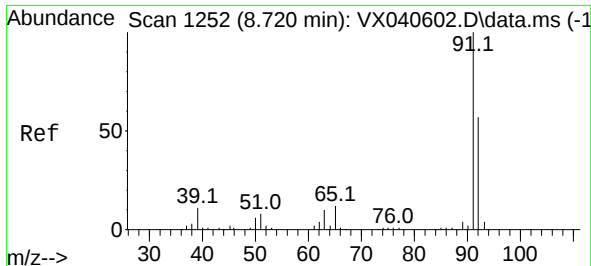
Tgt Ion: 75 Resp: 397369
 Ion Ratio Lower Upper
 75 100
 77 31.7 21.1 39.3



#40
 4-Methyl-2-pentanone
 Concen: 380.407 ug/L
 RT: 8.580 min Scan# 1229
 Delta R.T. 0.006 min
 Lab File: VX040604.D
 Acq: 06 Mar 2024 14:45

Tgt Ion: 43 Resp: 803116
 Ion Ratio Lower Upper
 43 100
 58 36.8 29.3 43.9
 100 13.9 10.7 16.1





#42

Toluene

Concen: 188.822 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX040604.D

Acq: 06 Mar 2024 14:45

Instrument :

MSVOA_X

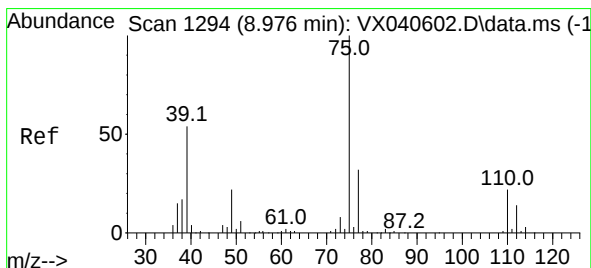
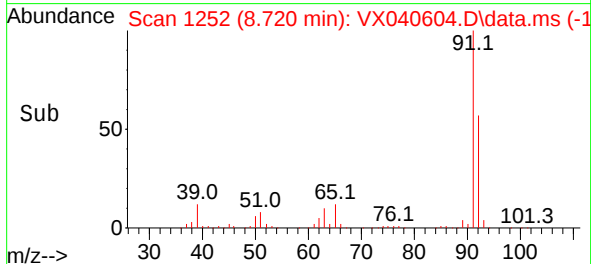
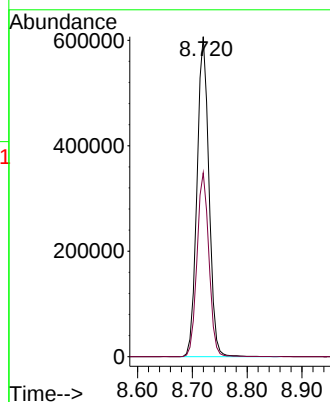
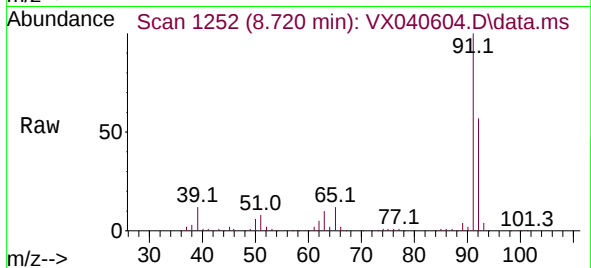
ClientSampleId :

Tgt Ion: 91 Resp: 921028

Ion Ratio Lower Upper

91 100

92 57.4 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 209.917 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX040604.D

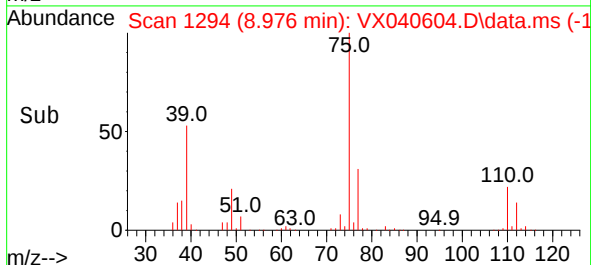
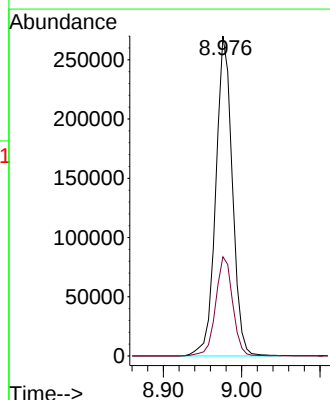
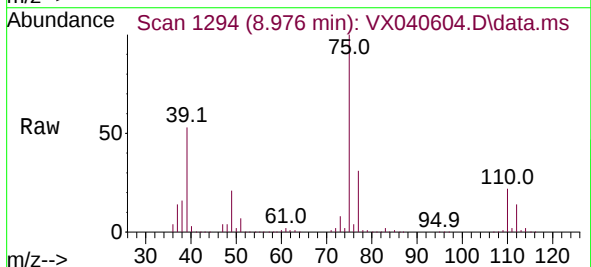
Acq: 06 Mar 2024 14:45

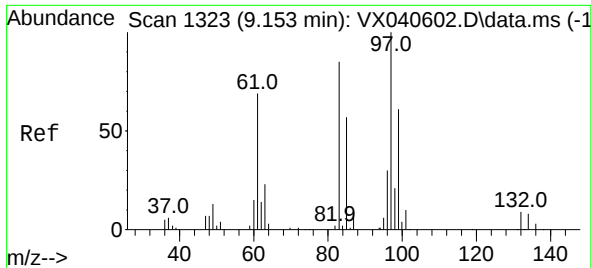
Tgt Ion: 75 Resp: 397174

Ion Ratio Lower Upper

75 100

77 31.0 22.1 41.1

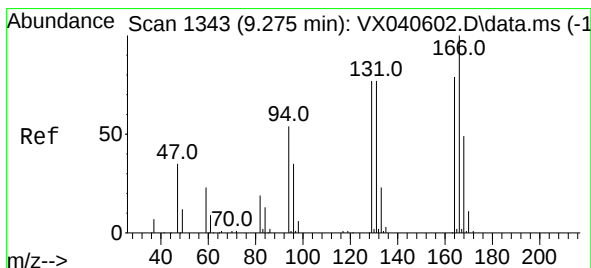
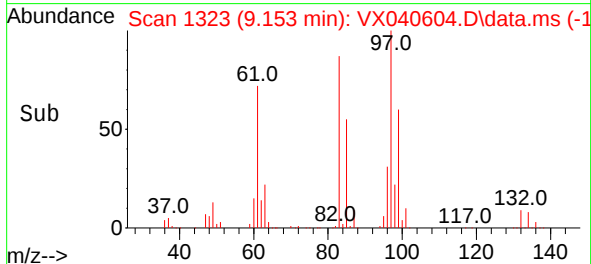
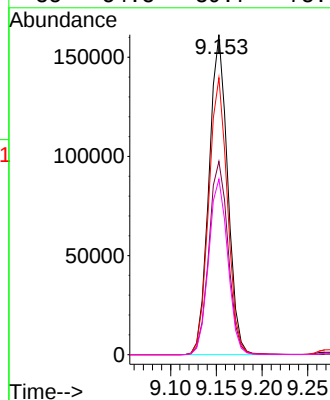
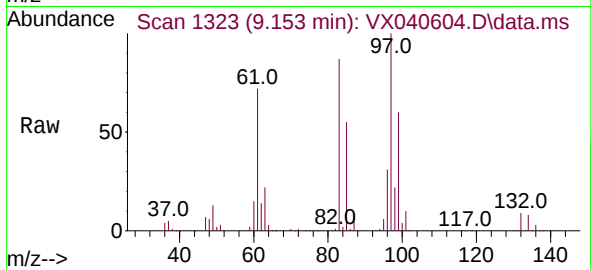




#45
1,1,2-Trichloroethane
Concen: 194.551 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX040604.D
Acq: 06 Mar 2024 14:45

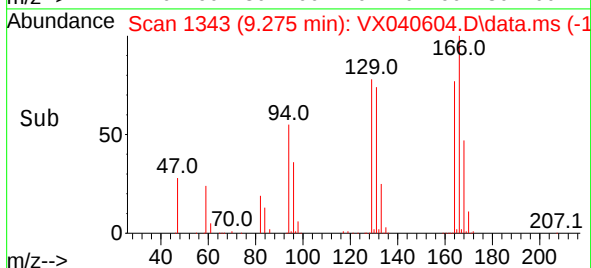
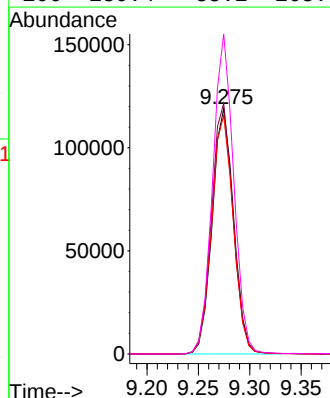
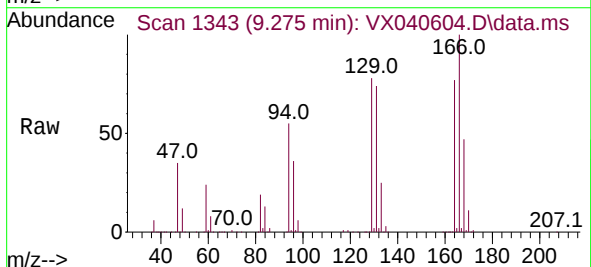
Instrument :
MSVOA_X
ClientSampleId :

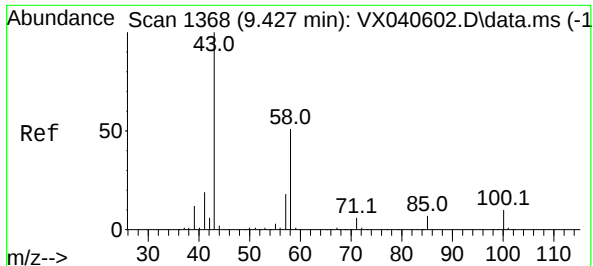
Tgt Ion: 97	Resp: 228908
Ion Ratio	Lower Upper
97 100	
99 60.4	42.6 79.0
83 86.6	59.2 110.0
85 54.8	39.7 73.7



#46
Tetrachloroethene
Concen: 209.377 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX040604.D
Acq: 06 Mar 2024 14:45

Tgt	Ion:164	Resp:	172842
Ion	Ratio	Lower	Upper
164	100		
129	102.1	67.8	126.0
131	97.1	67.8	126.0
166	130.4	88.2	163.8





#48

2-Hexanone

Concen: 376.467 ug/L

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX040604.D

Acq: 06 Mar 2024 14:45

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 43 Resp: 661000

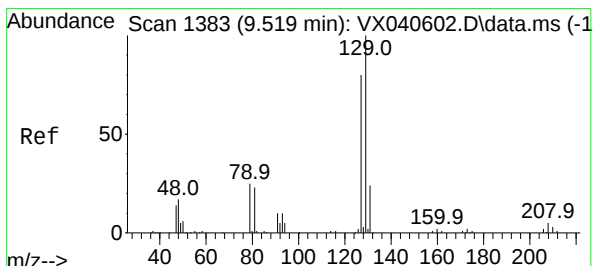
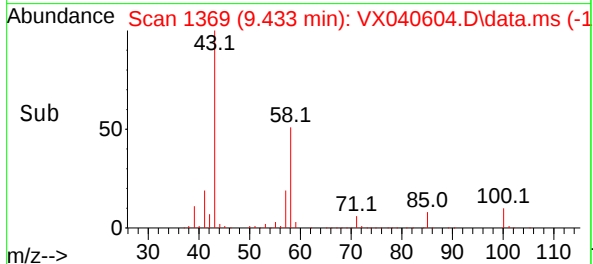
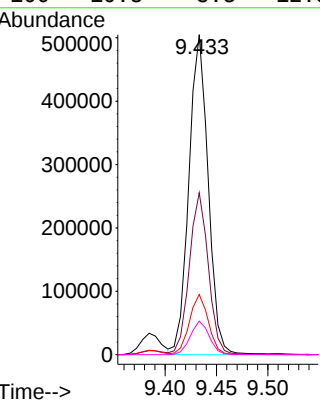
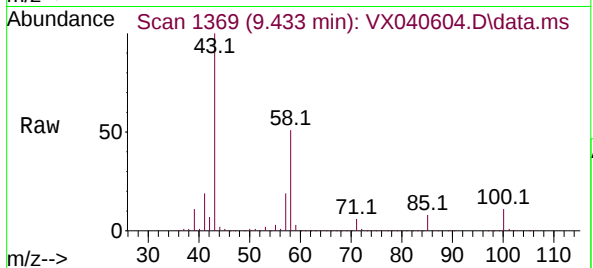
Ion Ratio Lower Upper

43 100

58 50.2 41.0 61.6

57 18.4 14.8 22.2

100 10.3 8.3 12.5



#49

Dibromochloromethane

Concen: 221.425 ug/L

RT: 9.525 min Scan# 1384

Delta R.T. 0.006 min

Lab File: VX040604.D

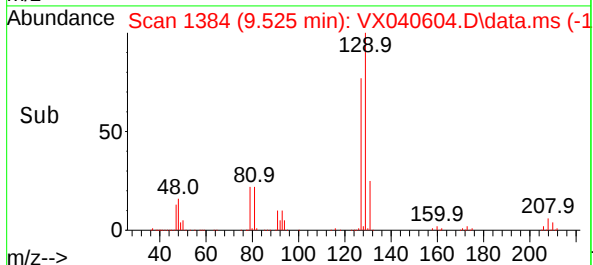
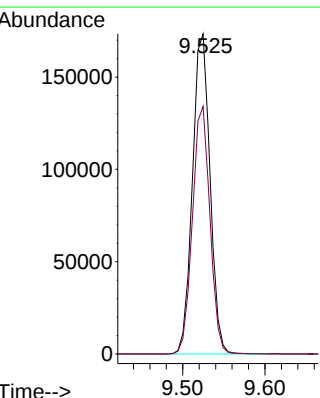
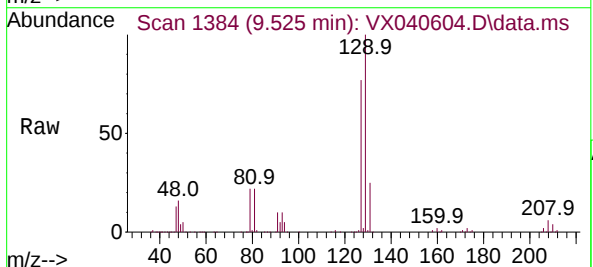
Acq: 06 Mar 2024 14:45

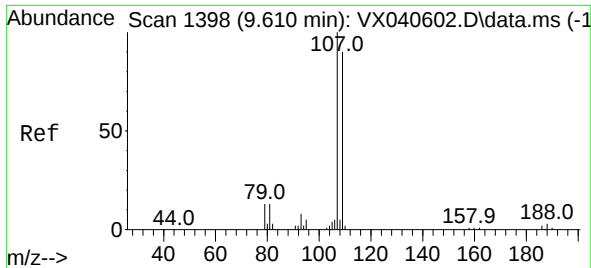
Tgt Ion:129 Resp: 257117

Ion Ratio Lower Upper

129 100

127 77.3 55.8 103.6





#50

1,2-Dibromoethane

Concen: 202.747 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VX040604.D

Acq: 06 Mar 2024 14:45

Instrument :

MSVOA_X

ClientSampleId :

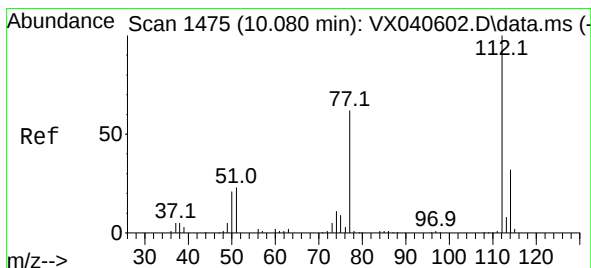
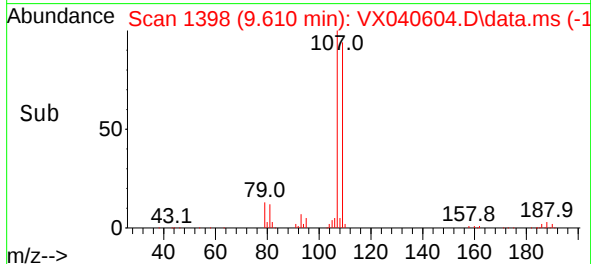
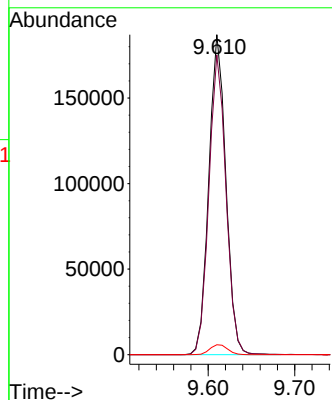
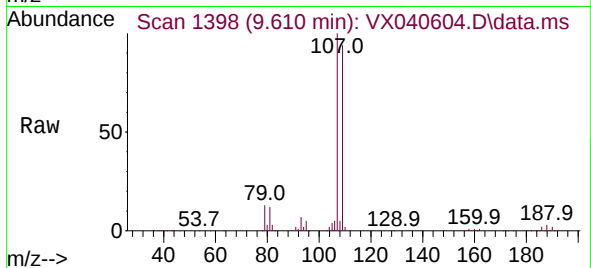
Tgt Ion:107 Resp: 255903

Ion Ratio Lower Upper

107 100

109 93.7 62.9 116.7

188 3.1 2.5 3.7



#51

Chlorobenzene

Concen: 195.687 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX040604.D

Acq: 06 Mar 2024 14:45

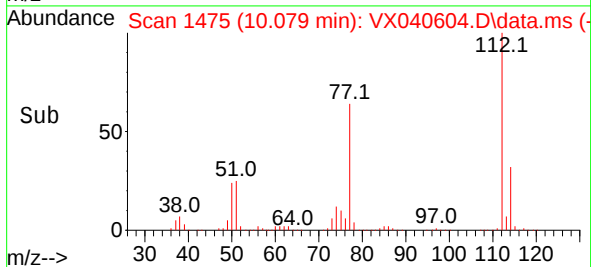
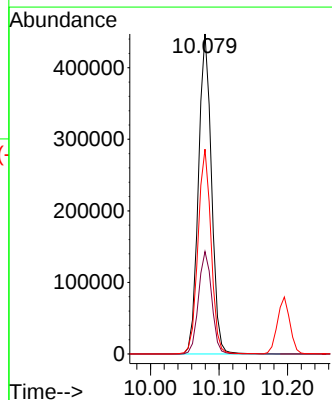
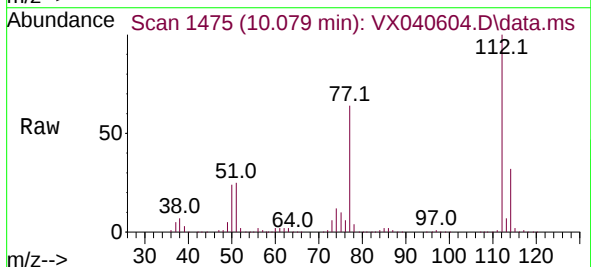
Tgt Ion:112 Resp: 592505

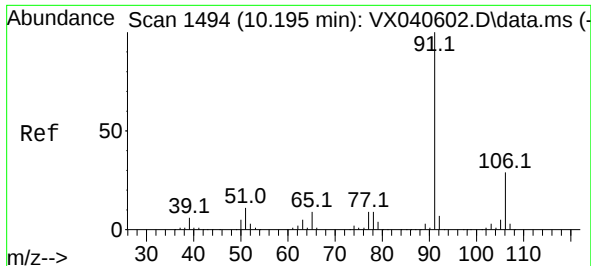
Ion Ratio Lower Upper

112 100

114 32.0 22.4 41.6

77 64.0 50.6 75.8





#52

Ethylbenzene

Concen: 200.946 ug/L

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX040604.D

Acq: 06 Mar 2024 14:45

Instrument :

MSVOA_X

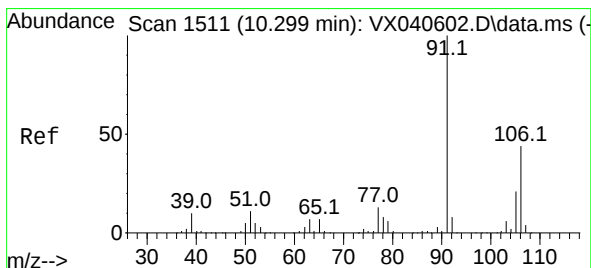
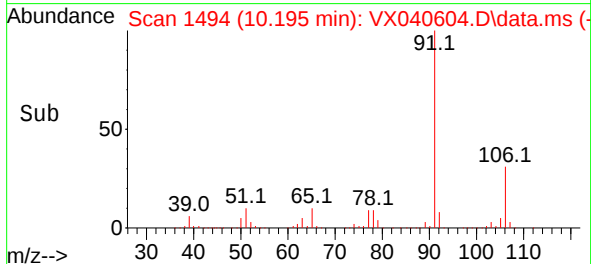
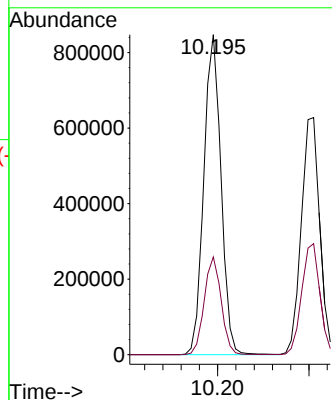
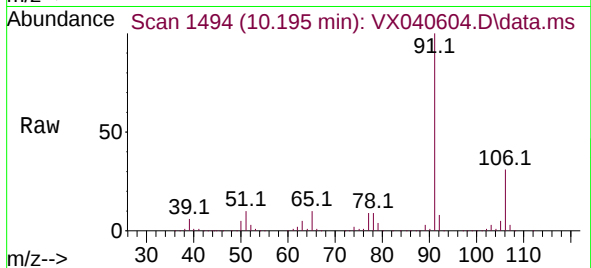
ClientSampleId :

Tgt Ion: 91 Resp: 1103232

Ion Ratio Lower Upper

91 100

106 30.5 20.6 38.4



#53

m,p-Xylene

Concen: 200.223 ug/L

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX040604.D

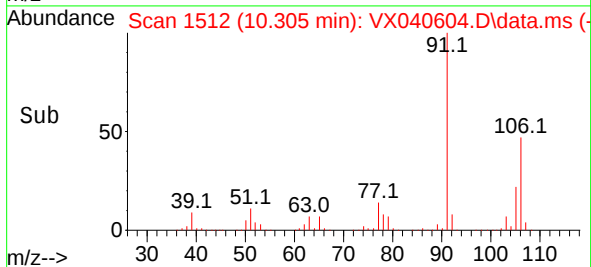
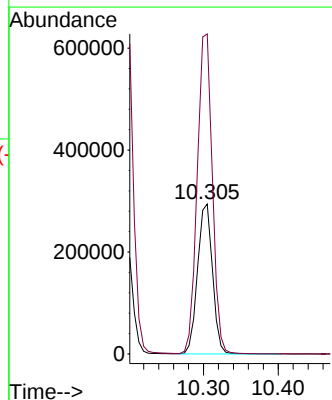
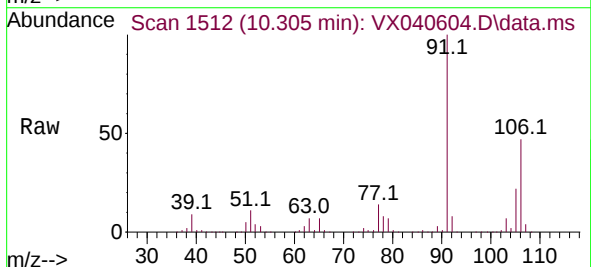
Acq: 06 Mar 2024 14:45

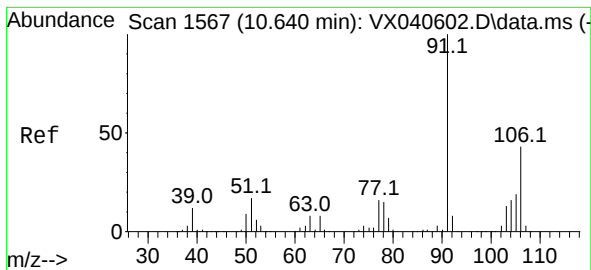
Tgt Ion:106 Resp: 408363

Ion Ratio Lower Upper

106 100

91 213.5 160.4 298.0





#54

o-Xylene

Concen: 204.120 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX040604.D

Acq: 06 Mar 2024 14:45

Instrument :

MSVOA_X

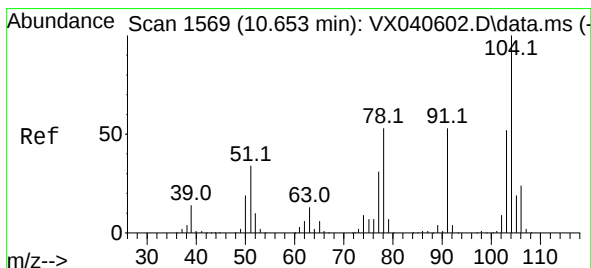
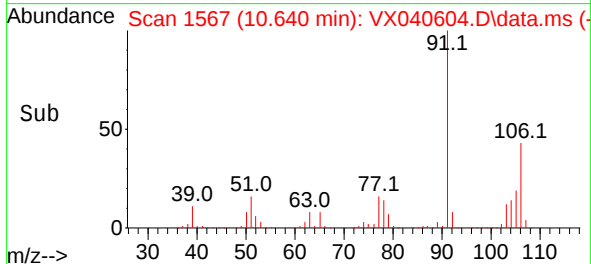
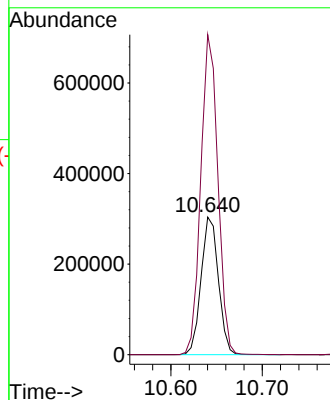
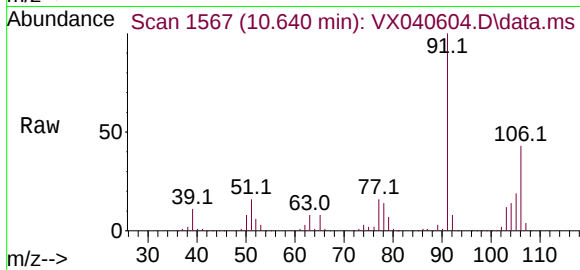
ClientSampleId :

Tgt Ion:106 Resp: 399692

Ion Ratio Lower Upper

106 100

91 232.5 161.7 300.3



#55

Styrene

Concen: 213.236 ug/L

RT: 10.659 min Scan# 1570

Delta R.T. 0.006 min

Lab File: VX040604.D

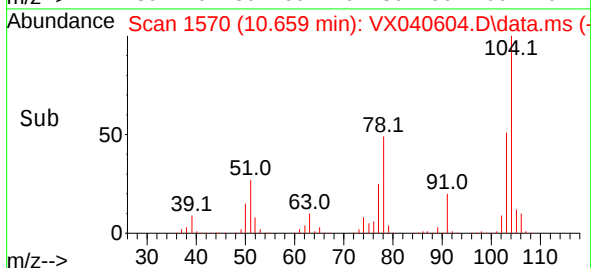
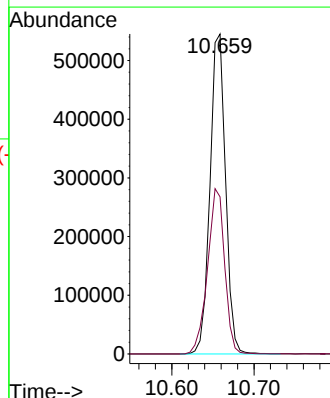
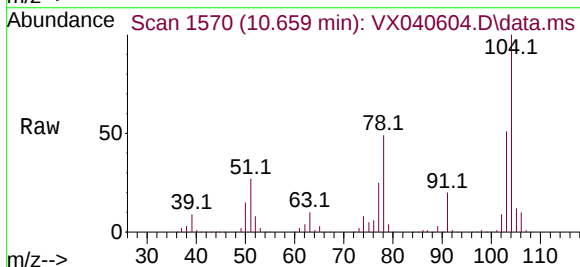
Acq: 06 Mar 2024 14:45

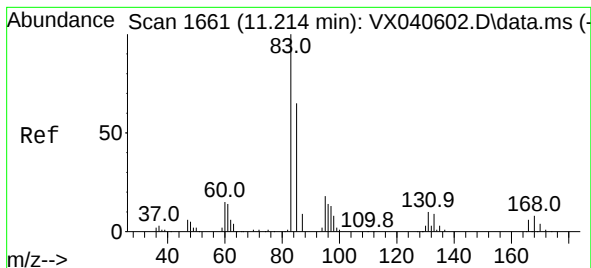
Tgt Ion:104 Resp: 716768

Ion Ratio Lower Upper

104 100

78 49.1 37.2 69.0





#57

1,1,2,2-Tetrachloroethane

Concen: 194.491 ug/L

RT: 11.213 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX040604.D

Acq: 06 Mar 2024 14:45

Instrument :

MSVOA_X

ClientSampleId :

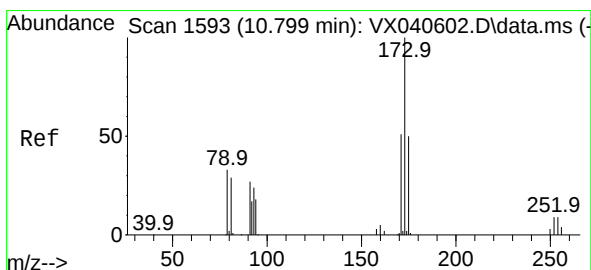
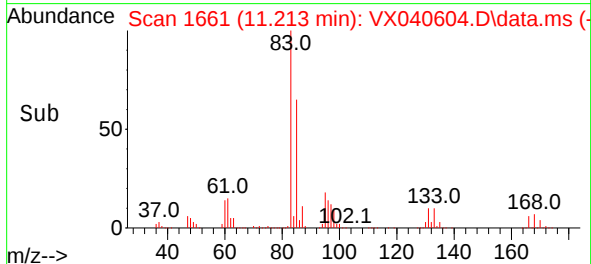
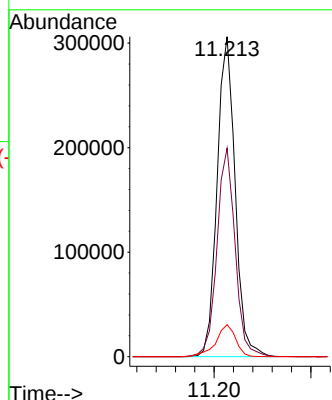
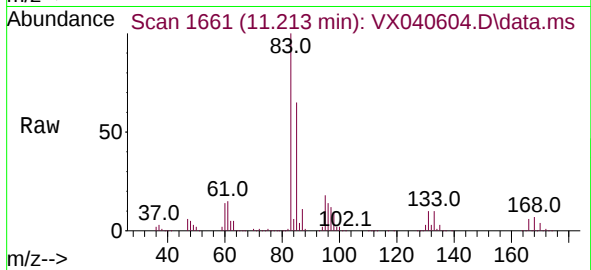
Tgt Ion: 83 Resp: 394436

Ion Ratio Lower Upper

83 100

85 65.2 45.2 84.0

131 10.0 8.2 12.2



#59

Bromoform

Concen: 215.116 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX040604.D

Acq: 06 Mar 2024 14:45

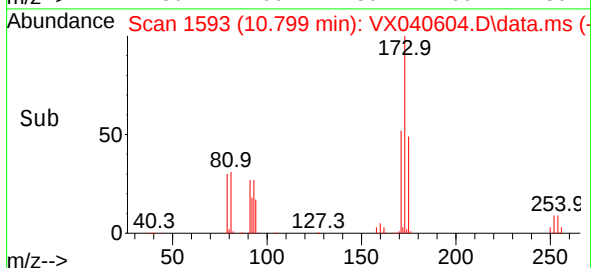
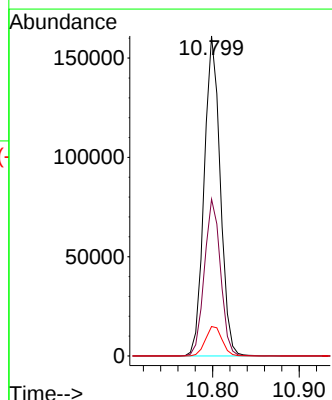
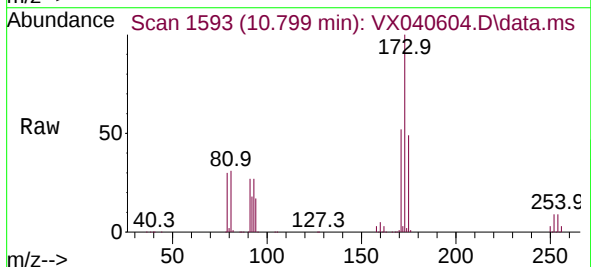
Tgt Ion:173 Resp: 207506

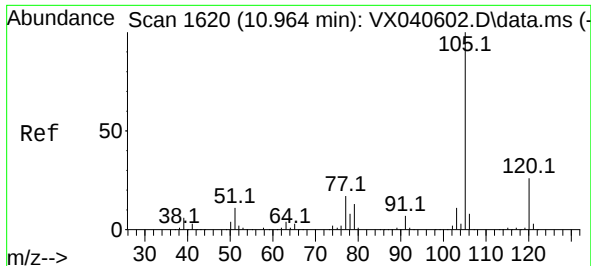
Ion Ratio Lower Upper

173 100

175 49.1 39.4 59.0

254 9.6 7.9 11.9

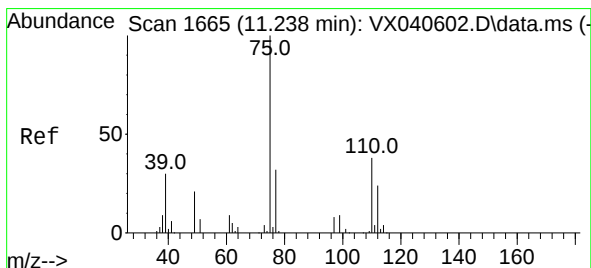
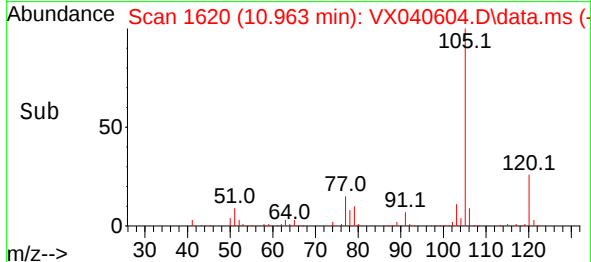
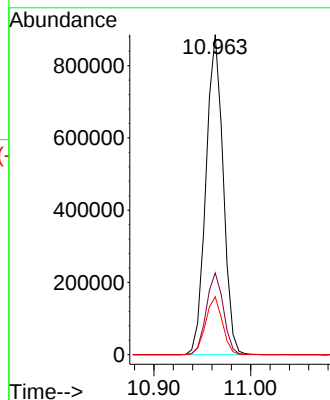
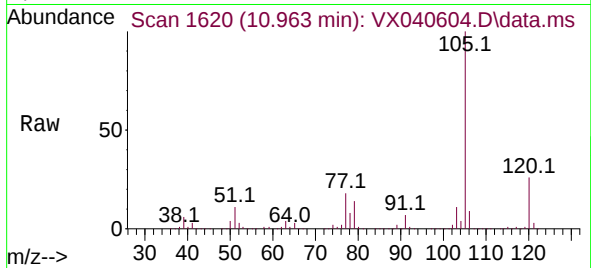




#60
Isopropylbenzene
Concen: 185.662 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX040604.D
Acq: 06 Mar 2024 14:45

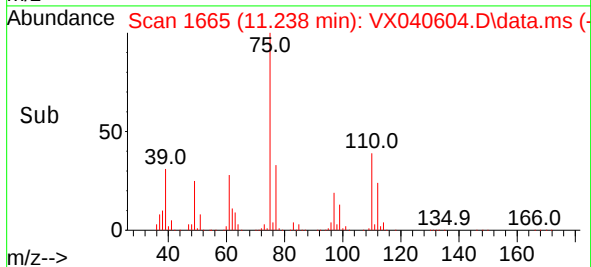
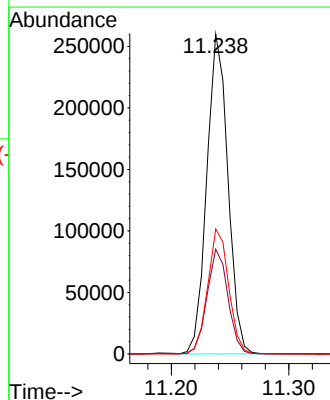
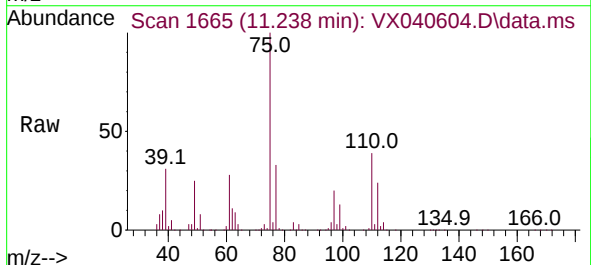
Instrument :
MSVOA_X
ClientSampleId :

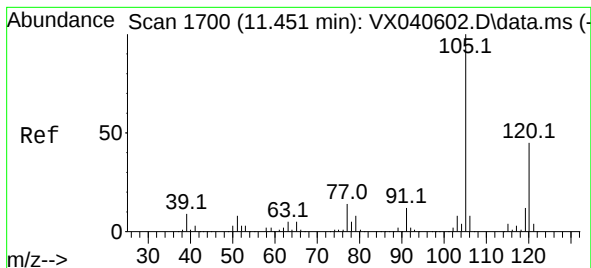
Tgt Ion:105 Resp: 1095634
Ion Ratio Lower Upper
105 100
120 25.6 20.1 30.1
77 17.7 13.9 20.9



#61
1,2,3-Trichloropropane
Concen: 184.081 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX040604.D
Acq: 06 Mar 2024 14:45

Tgt Ion: 75 Resp: 324379
Ion Ratio Lower Upper
75 100
77 32.4 25.7 38.5
110 38.9 31.0 46.4





#62

1,3,5-Trimethylbenzene

Concen: 192.218 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX040604.D

Acq: 06 Mar 2024 14:45

Instrument :

MSVOA_X

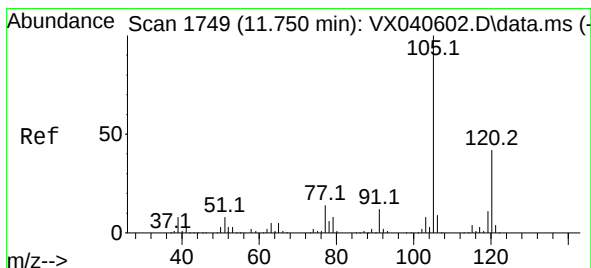
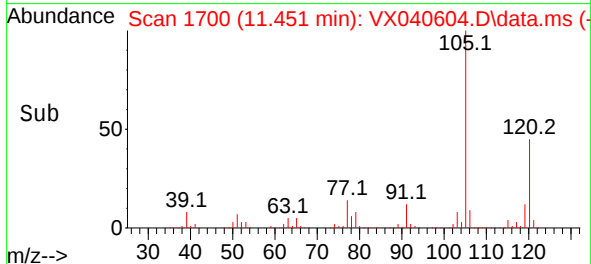
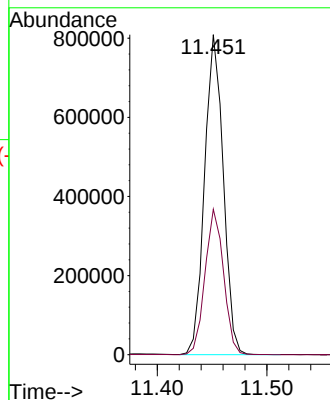
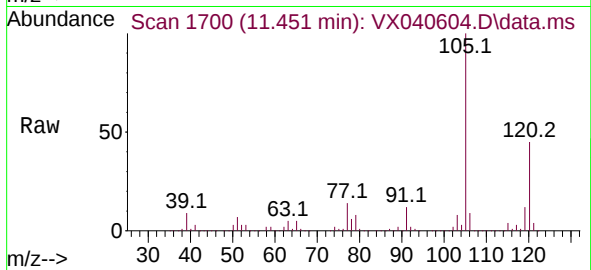
ClientSampleId :

Tgt Ion:105 Resp: 956808

Ion Ratio Lower Upper

105 100

120 45.1 36.2 54.2



#63

1,2,4-Trimethylbenzene

Concen: 198.603 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX040604.D

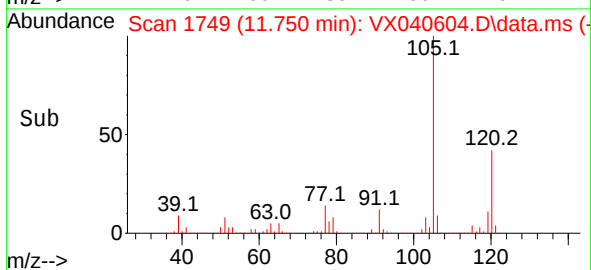
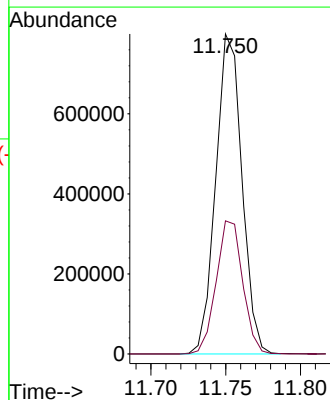
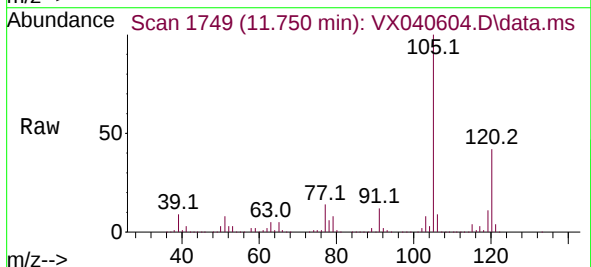
Acq: 06 Mar 2024 14:45

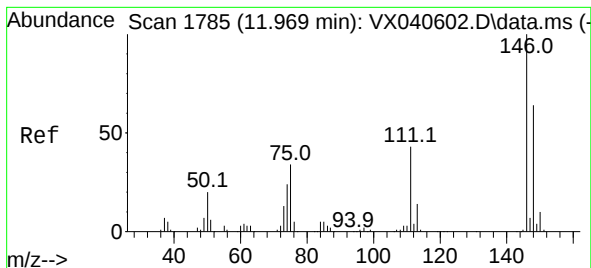
Tgt Ion:105 Resp: 974004

Ion Ratio Lower Upper

105 100

120 42.2 33.9 50.9





#64

1,3-Dichlorobenzene

Concen: 199.316 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX040604.D

Acq: 06 Mar 2024 14:45

Instrument :

MSVOA_X

ClientSampleId :

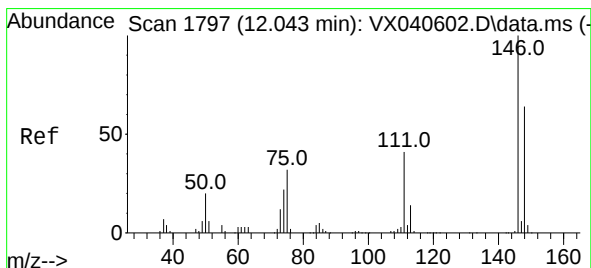
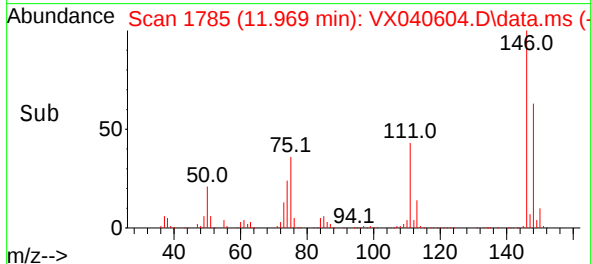
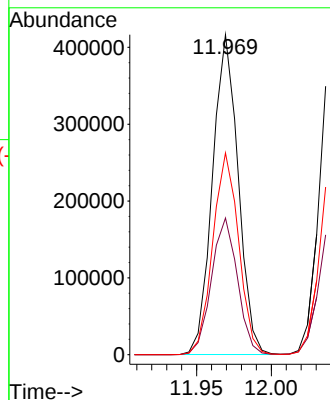
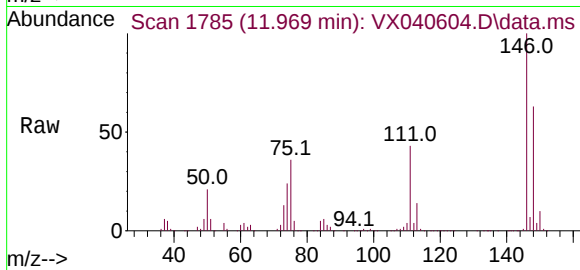
Tgt Ion:146 Resp: 496447

Ion Ratio Lower Upper

146 100

111 42.7 30.0 55.6

148 63.1 44.8 83.2



#65

1,4-Dichlorobenzene

Concen: 196.583 ug/L

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX040604.D

Acq: 06 Mar 2024 14:45

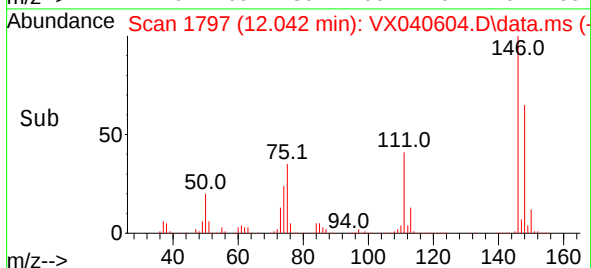
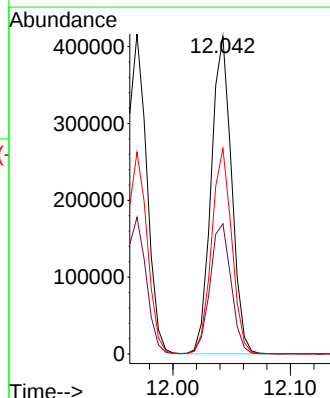
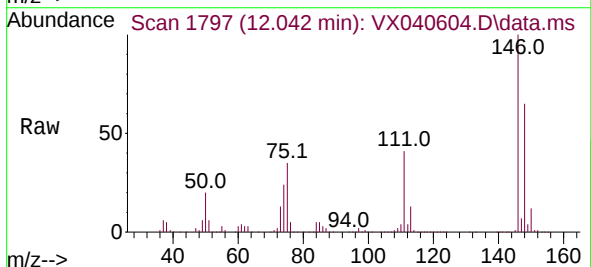
Tgt Ion:146 Resp: 498852

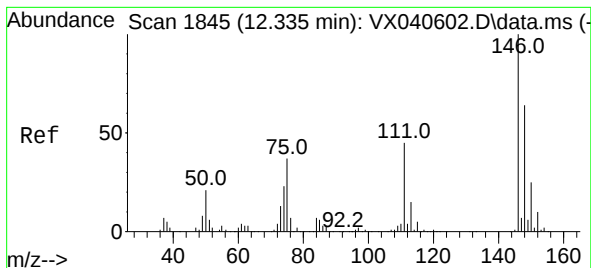
Ion Ratio Lower Upper

146 100

111 41.0 28.8 53.4

148 64.7 45.1 83.7





#67

1,2-Dichlorobenzene

Concen: 181.516 ug/L

RT: 12.335 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040604.D

Acq: 06 Mar 2024 14:45

Instrument :

MSVOA_X

ClientSampleId :

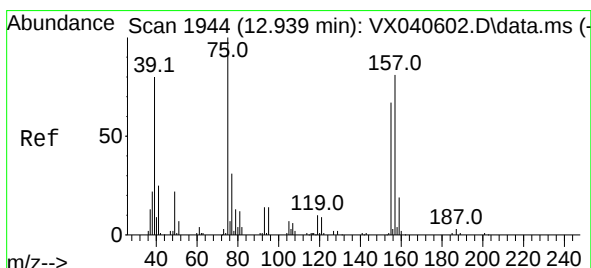
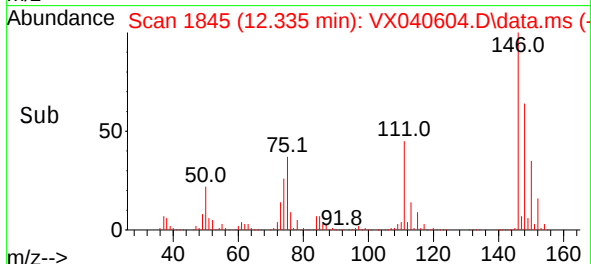
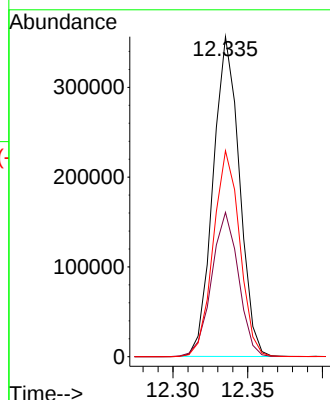
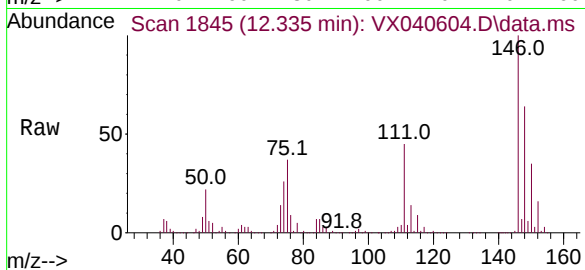
Tgt Ion:146 Resp: 436460

Ion Ratio Lower Upper

146 100

111 45.1 35.8 53.8

148 64.4 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 182.896 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. 0.006 min

Lab File: VX040604.D

Acq: 06 Mar 2024 14:45

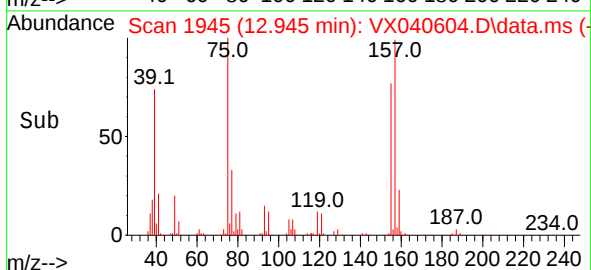
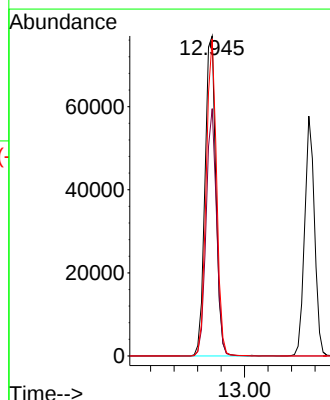
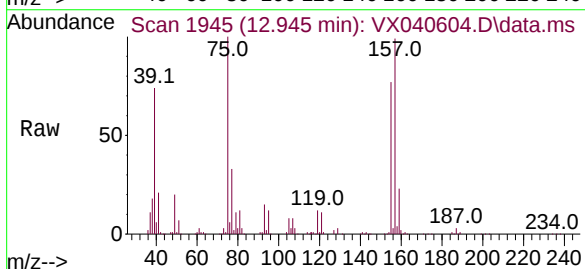
Tgt Ion: 75 Resp: 98767

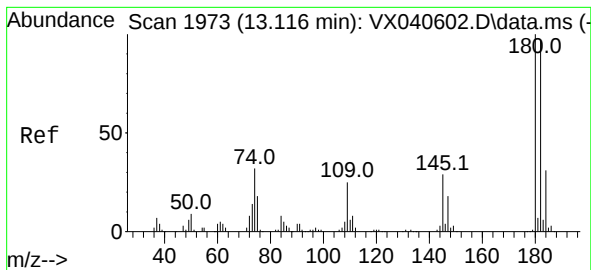
Ion Ratio Lower Upper

75 100

155 77.3 53.9 80.9

157 99.1 64.5 96.7#





#69

1,3,5-Trichlorobenzene

Concen: 192.888 ug/L

RT: 13.115 min Scan# 1973

Delta R.T. -0.000 min

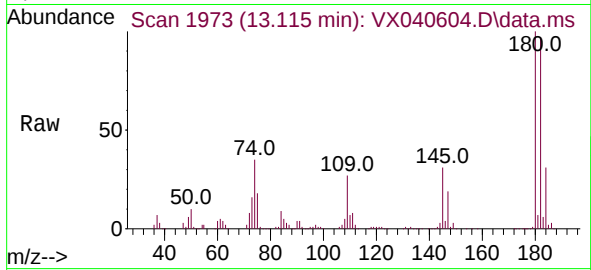
Lab File: VX040604.D

Acq: 06 Mar 2024 14:45

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 323761

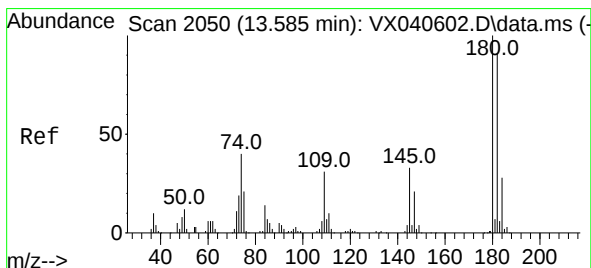
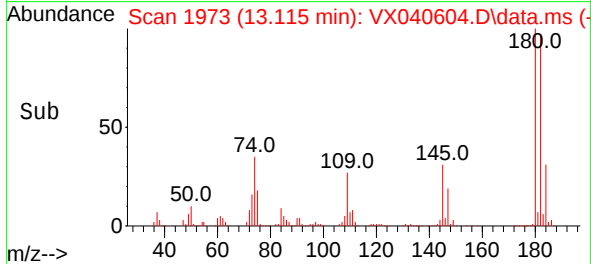
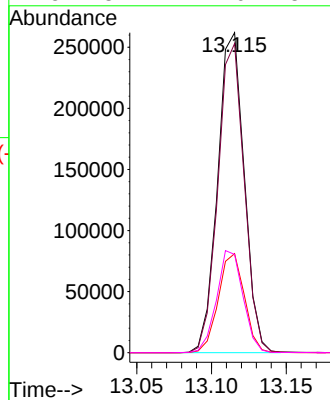
Ion Ratio Lower Upper

180 100

182 95.7 76.6 115.0

184 30.5 24.3 36.5

145 31.7 24.9 37.3



#70

1,2,4-trichlorobenzene

Concen: 181.398 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX040604.D

Acq: 06 Mar 2024 14:45

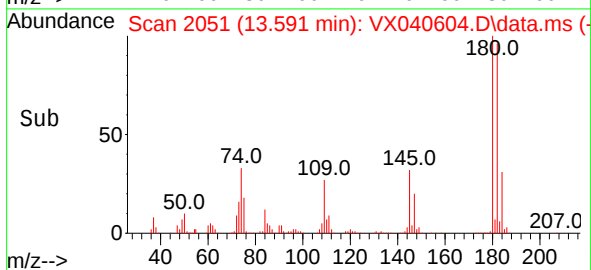
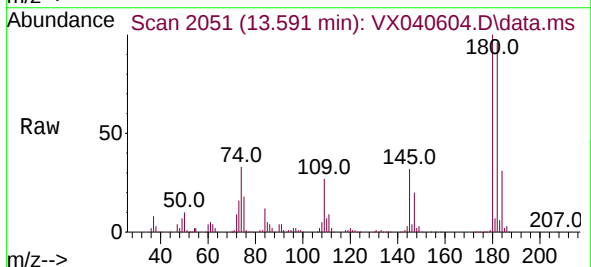
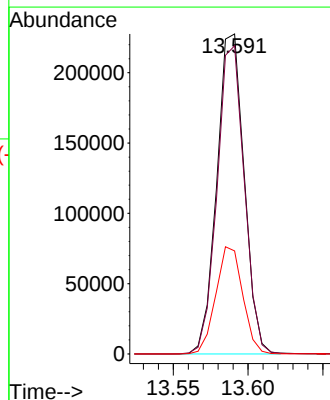
Tgt Ion:180 Resp: 289830

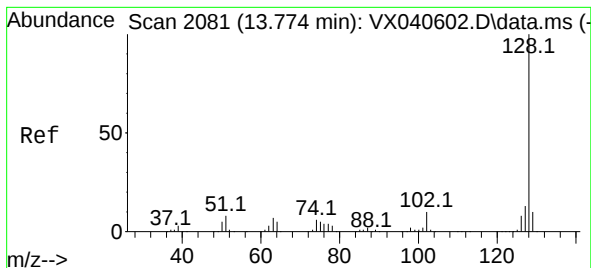
Ion Ratio Lower Upper

180 100

182 95.7 75.1 112.7

145 32.9 26.2 39.4





#71

Naphthalene

Concen: 185.602 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX040604.D

Acq: 06 Mar 2024 14:45

Instrument :

MSVOA_X

ClientSampleId :

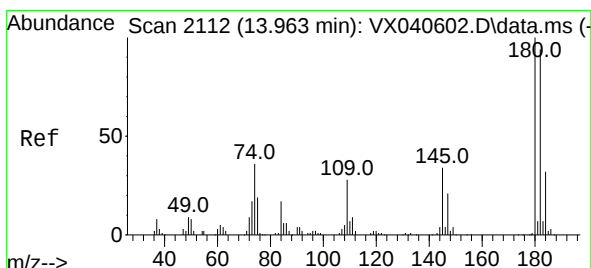
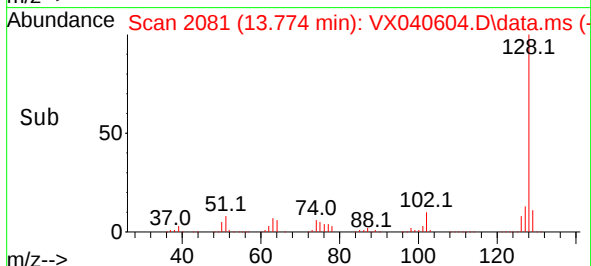
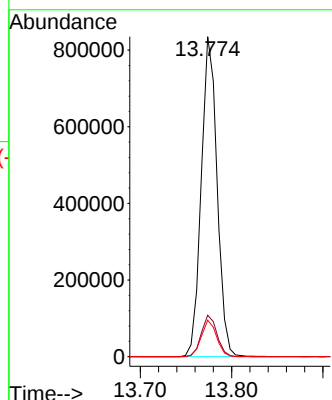
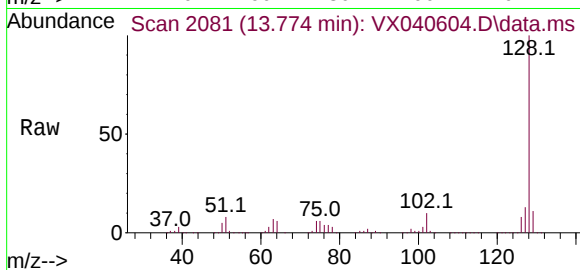
Tgt Ion:128 Resp: 1002061

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 11.0 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 195.547 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX040604.D

Acq: 06 Mar 2024 14:45

Tgt Ion:180 Resp: 303004

Ion Ratio Lower Upper

180 100

182 96.4 76.9 115.3

145 33.8 27.8 41.8

