

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030724\
 Data File : VX040603.D
 Acq On : 06 Mar 2024 14:22
 Operator : JC/MD
 Sample : VSTD100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 07 01:17:33 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	156566	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	149299	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	78762	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	139956	109.633	ug/L	0.00
7) Chloroethane-d5	1.660	69	105033	109.482	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.300	65	62943	112.734	ug/L	0.00
21) 2-Butanone-d5	4.452	46	215769	194.452	ug/L	0.00
24) Chloroform-d	5.056	84	261491	114.449	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	185768	121.890	ug/L	0.00
32) Benzene-d6	5.977	84	470428	100.860	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	143717	96.252	ug/L	0.00
41) Toluene-d8	8.647	98	440085	103.053	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.946	79	79813	104.267	ug/L	0.00
47) 2-Hexanone-d5	9.385	63	164800	188.779	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	219188	102.753	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	167972	108.961	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	146674	114.626	ug/L	99
3) Chloromethane	1.295	50	125302	97.136	ug/L	98
5) Vinyl chloride	1.374	62	136889	105.531	ug/L	99
6) Bromomethane	1.599	94	65152	92.757	ug/L	98
8) Chloroethane	1.679	64	73570	99.094	ug/L	95
9) Trichlorofluoromethane	1.886	101	187354	110.706	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	110815	103.507	ug/L	99
12) 1,1-Dichloroethene	2.319	96	99030	99.175	ug/L	94
13) Acetone	2.380	43	148730	148.710	ug/L	98
14) Carbon disulfide	2.508	76	292768	93.836	ug/L	99
15) Methyl Acetate	2.703	43	132789	90.444	ug/L	100
16) Methylene chloride	2.788	84	106343	93.526	ug/L	99
17) trans-1,2-Dichloroethene	3.093	96	101890	97.789	ug/L	95
18) Methyl tert-butyl Ether	3.117	73	357289	97.662	ug/L	100
19) 1,1-Dichloroethane	3.611	63	199494	96.397	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	116688	96.854	ug/L	97
22) 2-Butanone	4.556	43	200994	161.617	ug/L	100
23) Bromochloromethane	4.904	128	56284	97.887	ug/L	96
25) Chloroform	5.093	83	219804	104.266	ug/L	99
27) 1,2-Dichloroethane	6.086	62	198982	116.347	ug/L	99
29) Cyclohexane	5.471	56	176758	88.324	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	195646	107.359	ug/L	99
31) Carbon tetrachloride	5.678	117	168605	110.765	ug/L	98
33) Benzene	6.038	78	418896	91.107	ug/L	100
34) Trichloroethene	7.123	95	121625	98.015	ug/L	98
35) Methylcyclohexane	7.379	83	183431	91.023	ug/L	99
37) 1,2-Dichloropropane	7.428	63	112813	89.111	ug/L	100
38) Bromodichloromethane	7.824	83	168105	105.336	ug/L	97
39) cis-1,3-Dichloropropene	8.366	75	189237	92.740	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	392642	184.361	ug/L	99
42) Toluene	8.720	91	463970	94.291	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	189486	99.277	ug/L	100

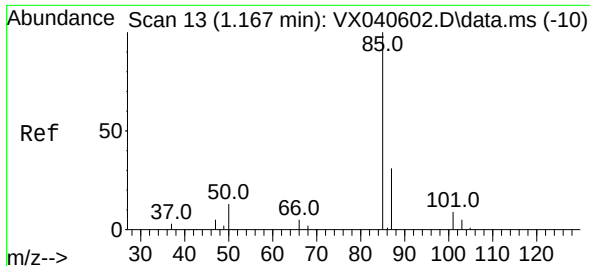
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030724\
 Data File : VX040603.D
 Acq On : 06 Mar 2024 14:22
 Operator : JC/MD
 Sample : VSTD100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 07 01:17:33 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)
45) 1,1,2-Trichloroethane	9.153	97	113685	95.781	ug/L	98
46) Tetrachloroethene	9.275	164	88513	106.289	ug/L	97
48) 2-Hexanone	9.427	43	319214	180.223	ug/L	98
49) Dibromochloromethane	9.519	129	122683	104.733	ug/L	99
50) 1,2-Dibromoethane	9.610	107	124576	97.840	ug/L	96
51) Chlorobenzene	10.080	112	297061	97.256	ug/L	99
52) Ethylbenzene	10.195	91	550018	99.310	ug/L	98
53) m,p-Xylene	10.299	106	201303	97.841	ug/L	94
54) o-Xylene	10.640	106	196786	99.622	ug/L	100
55) Styrene	10.653	104	342481	101.000	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	189367	92.561	ug/L	99
59) Bromoform	10.799	173	96873	103.016	ug/L	99
60) Isopropylbenzene	10.964	105	548726	95.383	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	157474	91.669	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	469670	96.788	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	466491	97.572	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	242712	99.958	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	245371	99.187	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	232725	99.282	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	54402	103.339	ug/L	88
69) 1,3,5-Trichlorobenzene	13.116	180	169877	103.818	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	144422	92.722	ug/L	98
71) Naphthalene	13.774	128	479320	91.069	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	143779	95.182	ug/L	99

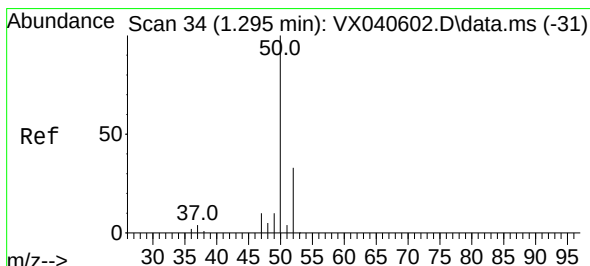
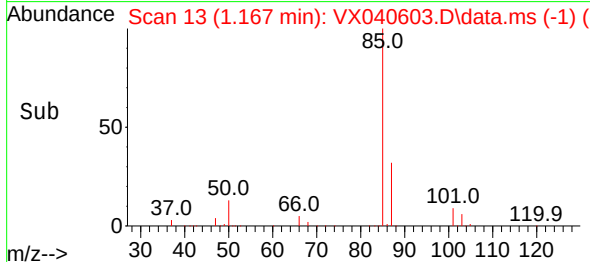
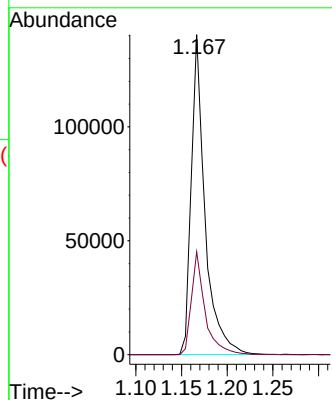
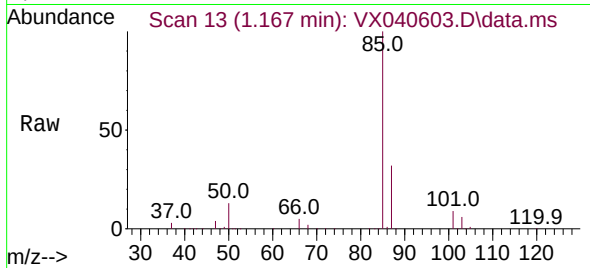
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 114.626 ug/L
RT: 1.167 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX040603.D
Acq: 06 Mar 2024 14:22

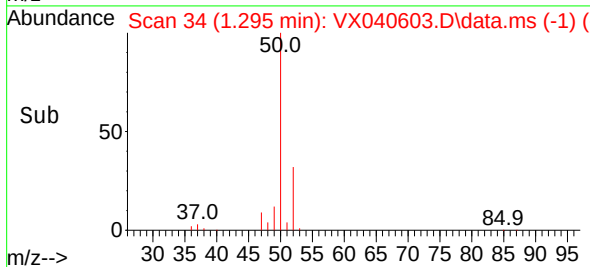
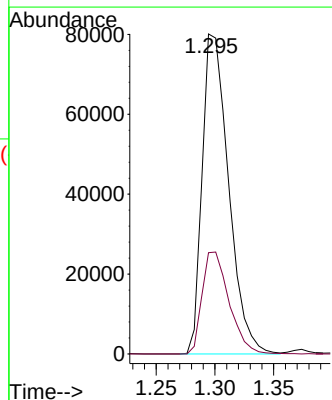
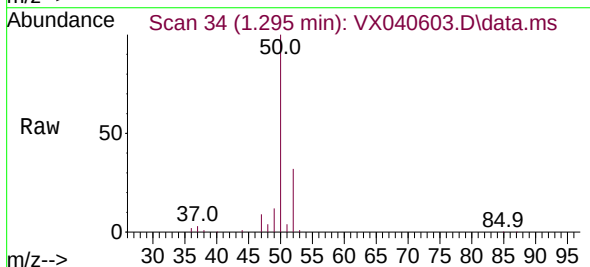
Instrument :
MSVOA_X
ClientSampleId :

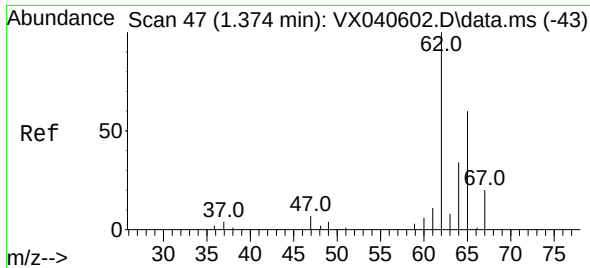
Tgt Ion: 85 Resp: 146674
Ion Ratio Lower Upper
85 100
87 32.1 26.1 39.1



#3
Chloromethane
Concen: 97.136 ug/L
RT: 1.295 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX040603.D
Acq: 06 Mar 2024 14:22

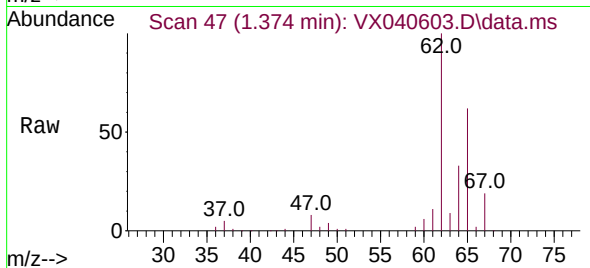
Tgt Ion: 50 Resp: 125302
Ion Ratio Lower Upper
50 100
52 31.7 23.1 42.9



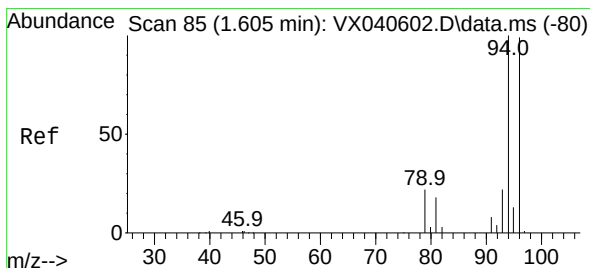
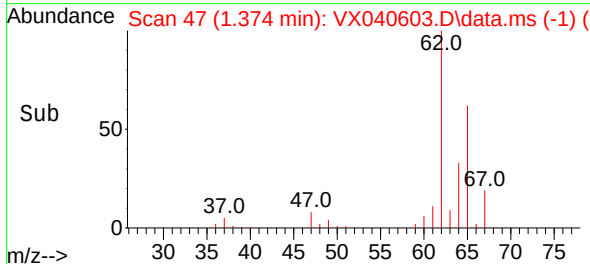
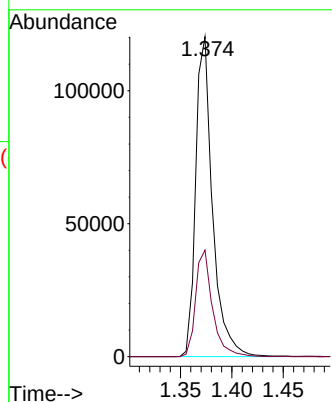


#5
 Vinyl chloride
 Concen: 105.531 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX040603.D
 Acq: 06 Mar 2024 14:22

Instrument :
 MSVOA_X
 ClientSampleId :

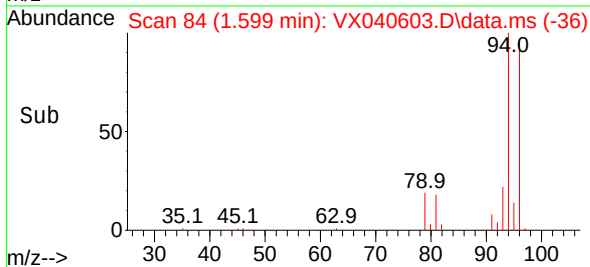
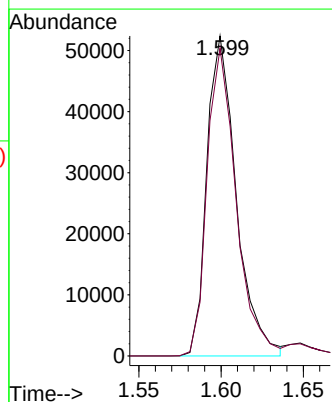
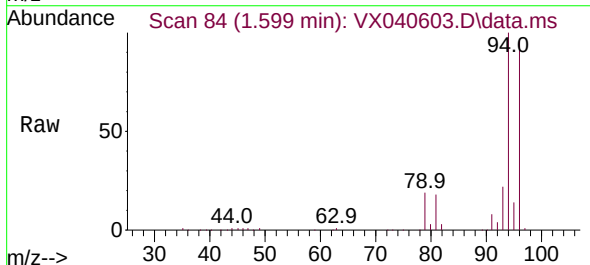


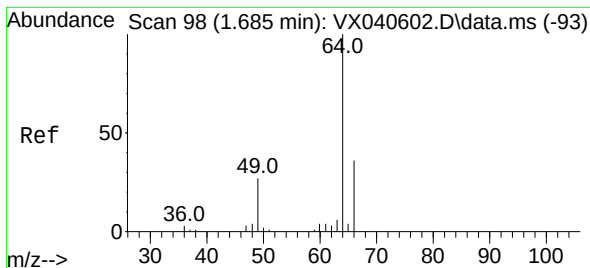
Tgt Ion: 62 Resp: 136889
 Ion Ratio Lower Upper
 62 100
 64 33.3 23.8 44.2



#6
 Bromomethane
 Concen: 92.757 ug/L
 RT: 1.599 min Scan# 84
 Delta R.T. -0.006 min
 Lab File: VX040603.D
 Acq: 06 Mar 2024 14:22

Tgt Ion: 94 Resp: 65152
 Ion Ratio Lower Upper
 94 100
 96 96.1 69.0 128.2





#8

Chloroethane

Concen: 99.094 ug/L

RT: 1.679 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX040603.D

Acq: 06 Mar 2024 14:22

Instrument :

MSVOA_X

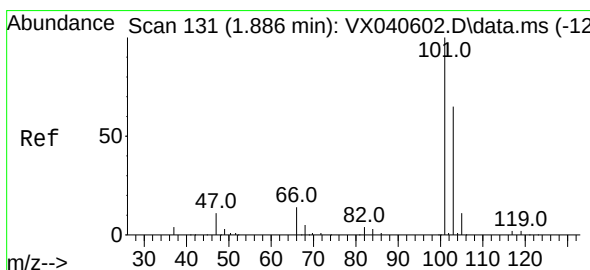
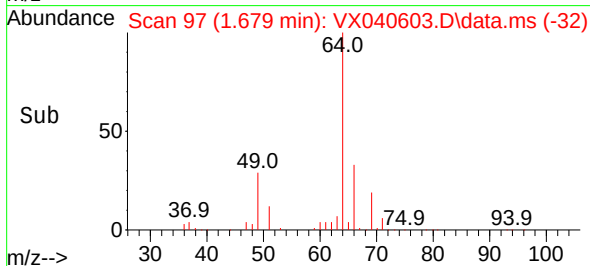
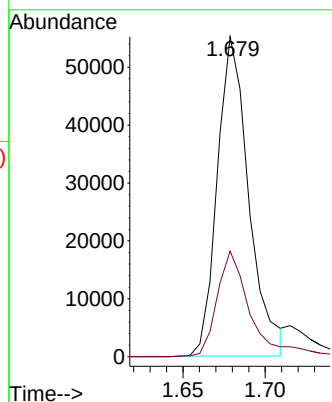
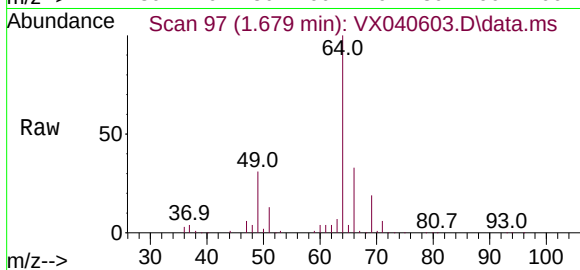
ClientSampleId :

Tgt Ion: 64 Resp: 73570

Ion Ratio Lower Upper

64 100

66 33.0 25.0 46.4



#9

Trichlorofluoromethane

Concen: 110.706 ug/L

RT: 1.886 min Scan# 131

Delta R.T. -0.000 min

Lab File: VX040603.D

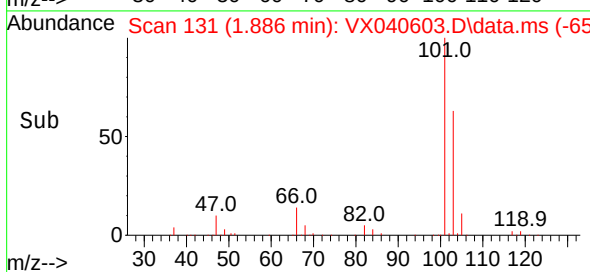
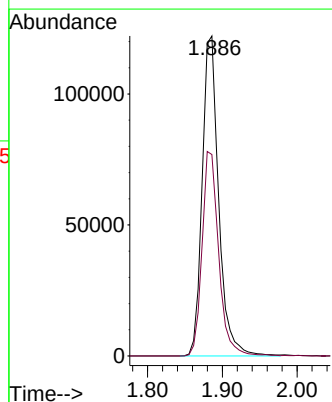
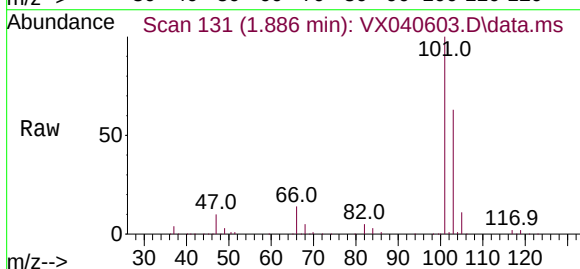
Acq: 06 Mar 2024 14:22

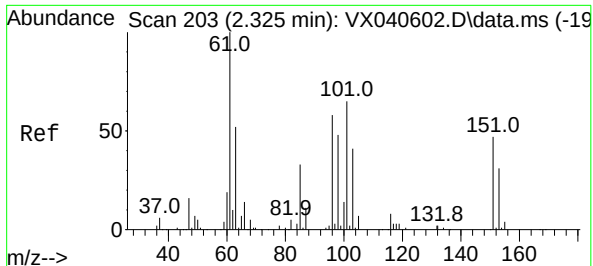
Tgt Ion:101 Resp: 187354

Ion Ratio Lower Upper

101 100

103 64.1 51.7 77.5

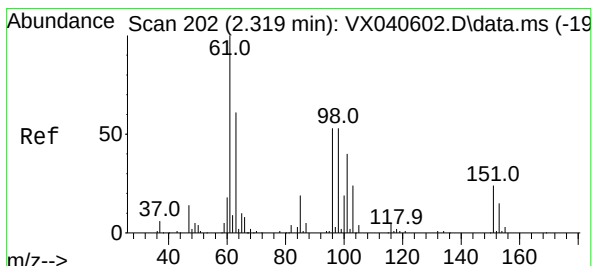
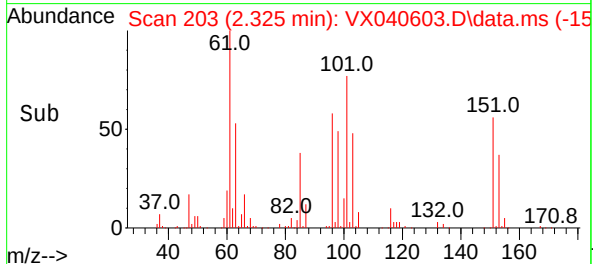
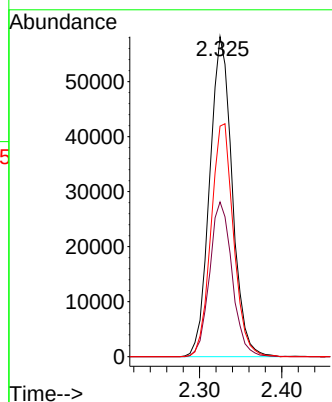
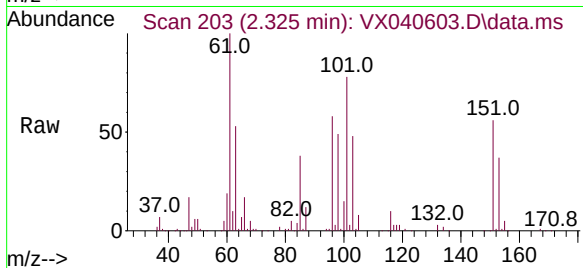




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 103.507 ug/L
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX040603.D
Acq: 06 Mar 2024 14:22

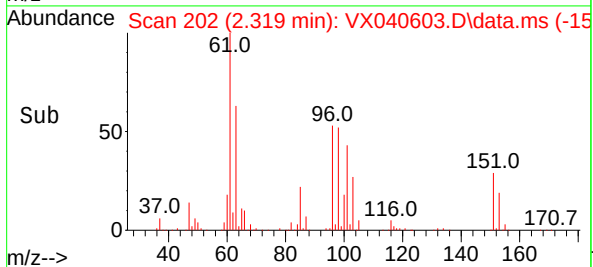
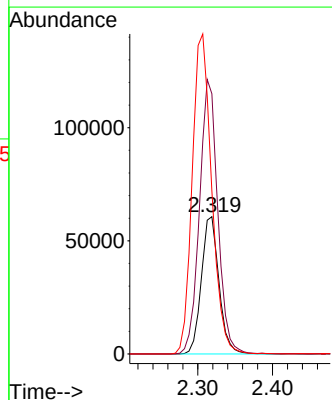
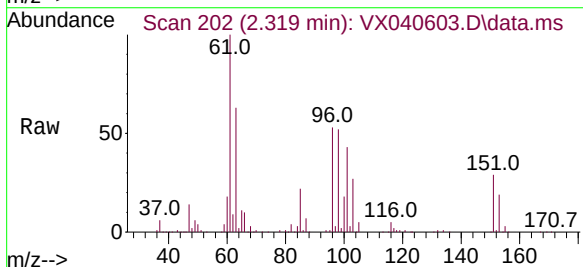
Instrument :
MSVOA_X
ClientSampleId :

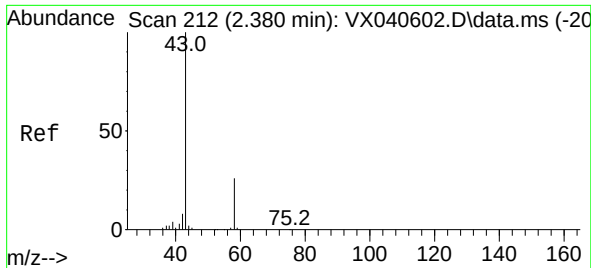
Tgt Ion:101 Resp: 110815
Ion Ratio Lower Upper
101 100
85 48.2 38.3 57.5
151 72.8 57.7 86.5



#12
1,1-Dichloroethene
Concen: 99.175 ug/L
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX040603.D
Acq: 06 Mar 2024 14:22

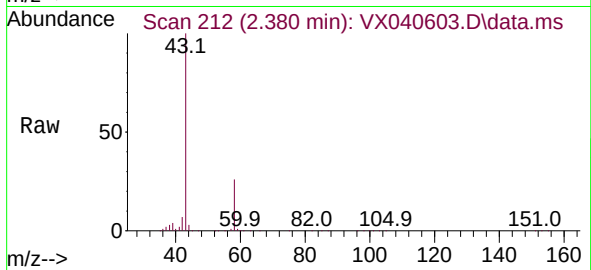
Tgt Ion: 96 Resp: 99030
Ion Ratio Lower Upper
96 100
61 189.4 134.8 250.4
63 118.6 92.5 171.9



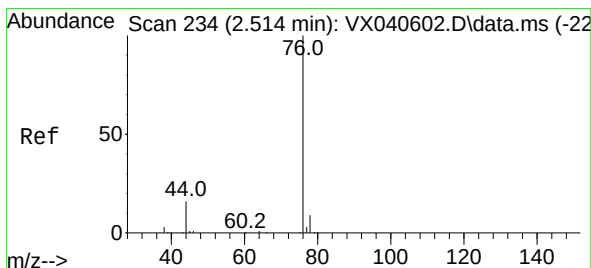
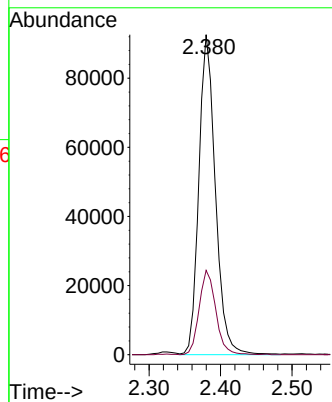
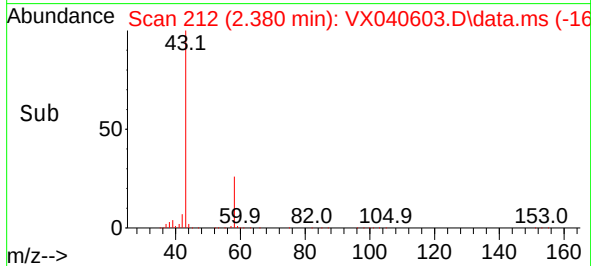


#13
Acetone
Concen: 148.710 ug/L
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX040603.D
Acq: 06 Mar 2024 14:22

Instrument :
MSVOA_X
ClientSampleId :

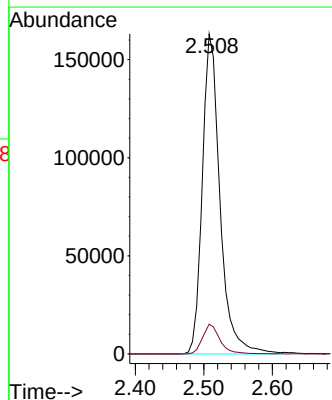
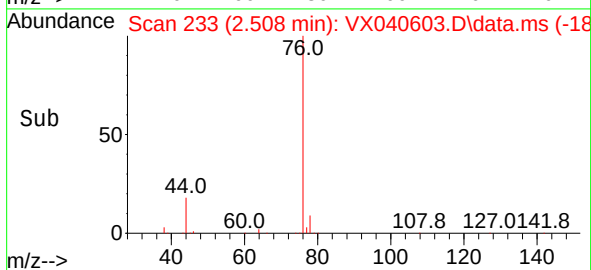
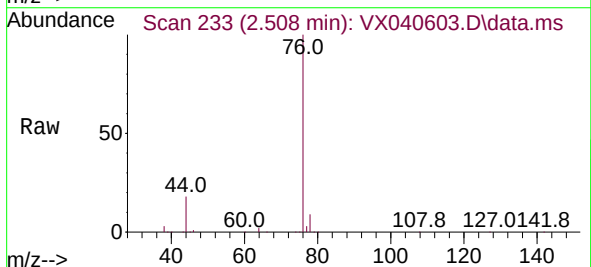


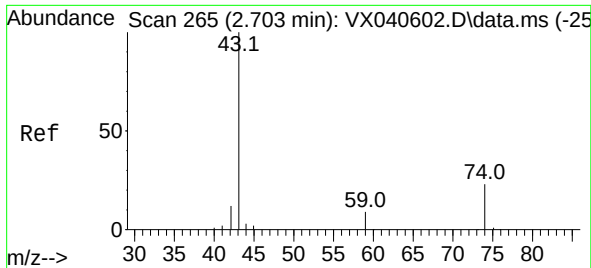
Tgt Ion: 43 Resp: 148730
Ion Ratio Lower Upper
43 100
58 26.5 0.0 54.6



#14
Carbon disulfide
Concen: 93.836 ug/L
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX040603.D
Acq: 06 Mar 2024 14:22

Tgt Ion: 76 Resp: 292768
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8

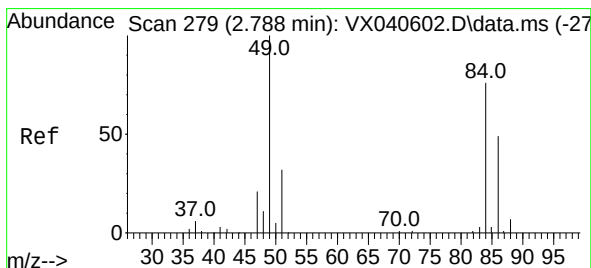
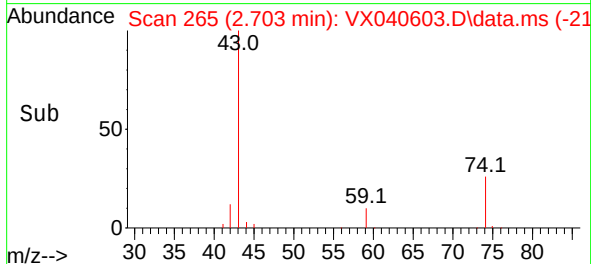
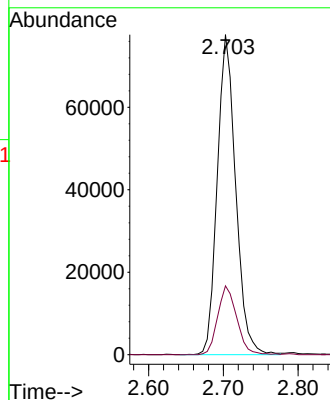
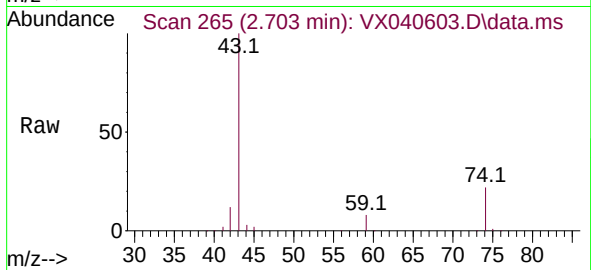




#15
Methyl Acetate
Concen: 90.444 ug/L
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX040603.D
Acq: 06 Mar 2024 14:22

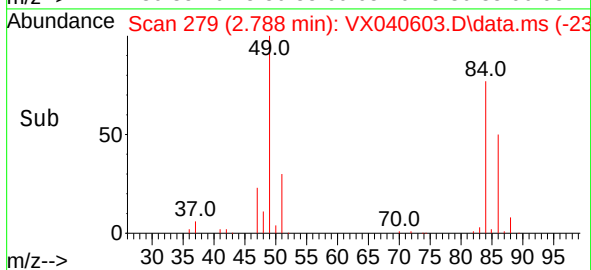
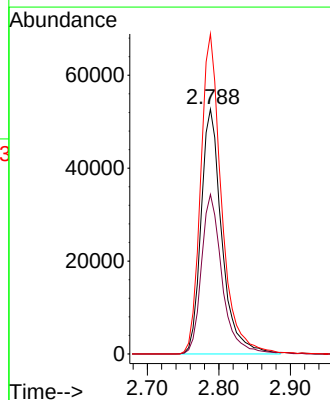
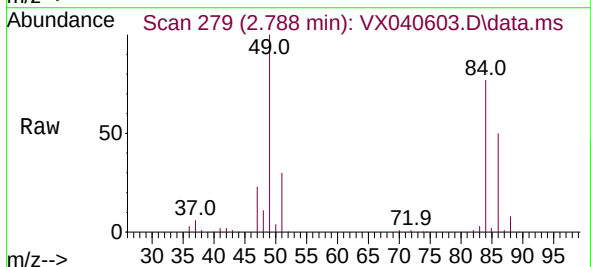
Instrument :
MSVOA_X
ClientSampleId :

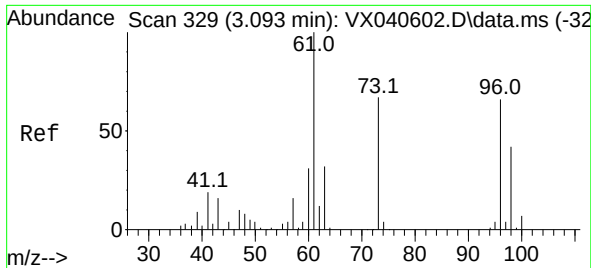
Tgt Ion: 43 Resp: 132789
Ion Ratio Lower Upper
43 100
74 22.2 17.6 26.4



#16
Methylene chloride
Concen: 93.526 ug/L
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX040603.D
Acq: 06 Mar 2024 14:22

Tgt Ion: 84 Resp: 106343
Ion Ratio Lower Upper
84 100
86 65.2 45.8 85.2
49 130.7 92.6 172.0





#17

trans-1,2-Dichloroethene

Concen: 97.789 ug/L

RT: 3.093 min Scan# 329

Delta R.T. -0.000 min

Lab File: VX040603.D

Acq: 06 Mar 2024 14:22

Instrument :

MSVOA_X

ClientSampleId :

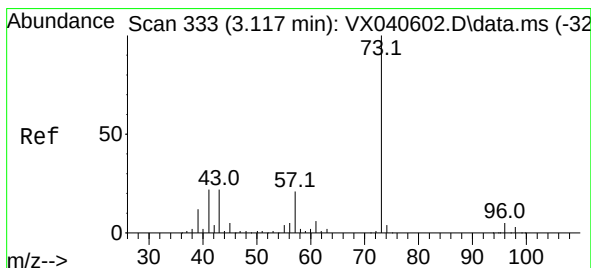
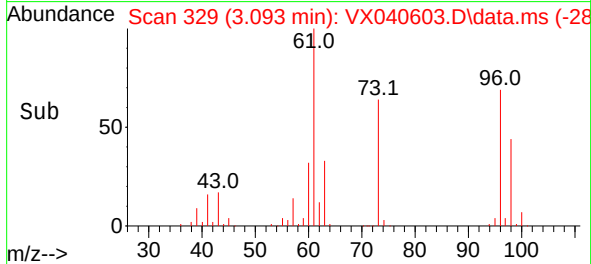
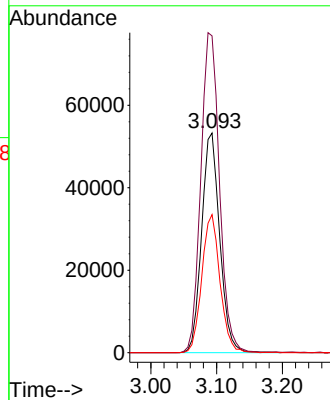
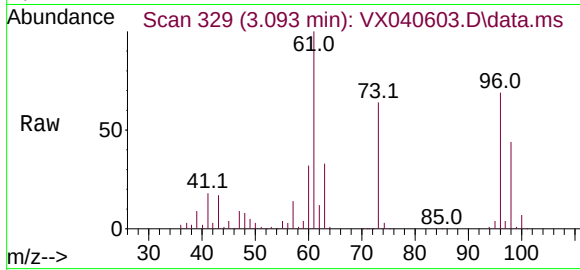
Tgt Ion: 96 Resp: 101890

Ion Ratio Lower Upper

96 100

61 144.2 106.6 198.0

98 62.9 45.1 83.9



#18

Methyl tert-butyl Ether

Concen: 97.662 ug/L

RT: 3.117 min Scan# 333

Delta R.T. -0.000 min

Lab File: VX040603.D

Acq: 06 Mar 2024 14:22

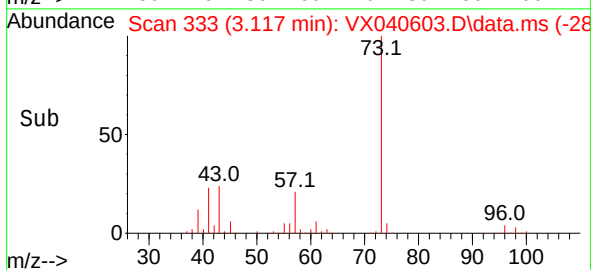
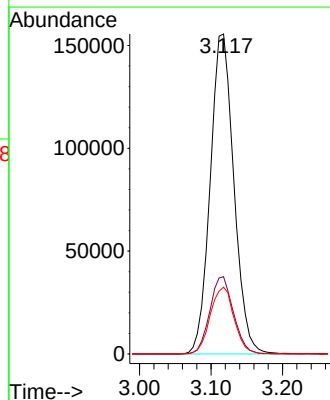
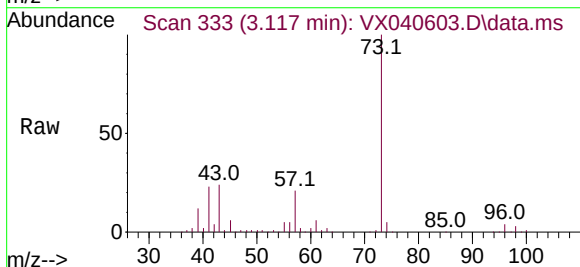
Tgt Ion: 73 Resp: 357289

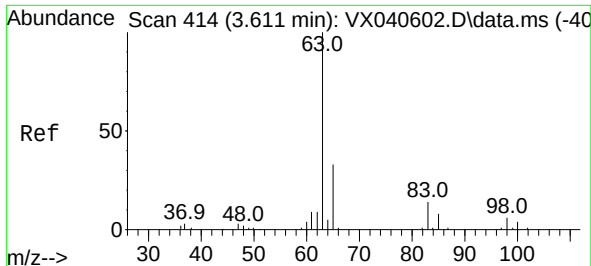
Ion Ratio Lower Upper

73 100

43 24.2 19.3 28.9

57 21.1 17.1 25.7





#19

1,1-Dichloroethane

Concen: 96.397 ug/L

RT: 3.611 min Scan# 414

Delta R.T. -0.000 min

Lab File: VX040603.D

Acq: 06 Mar 2024 14:22

Instrument :

MSVOA_X

ClientSampleId :

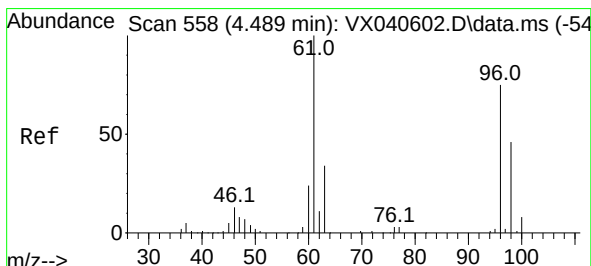
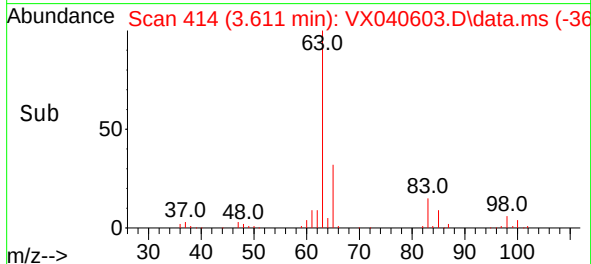
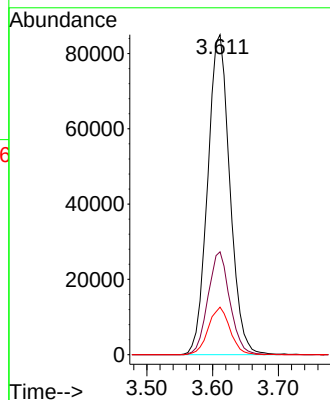
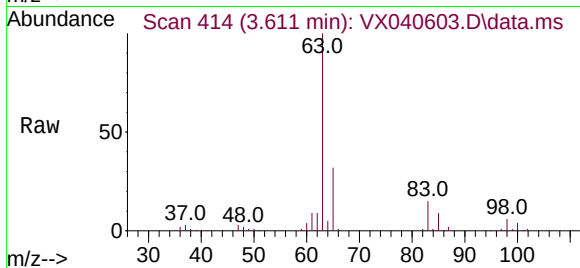
Tgt Ion: 63 Resp: 199494

Ion Ratio Lower Upper

63 100

65 32.1 23.1 42.9

83 14.8 9.9 18.5



#20

cis-1,2-Dichloroethene

Concen: 96.854 ug/L

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX040603.D

Acq: 06 Mar 2024 14:22

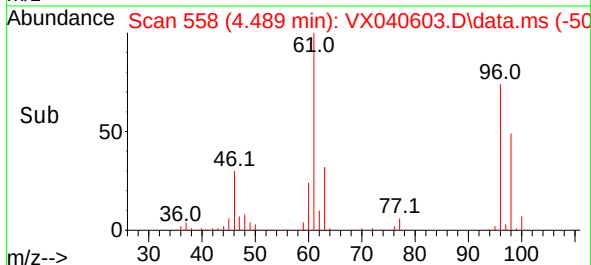
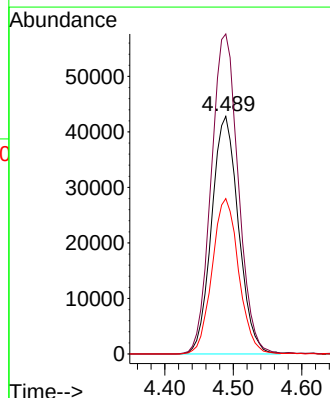
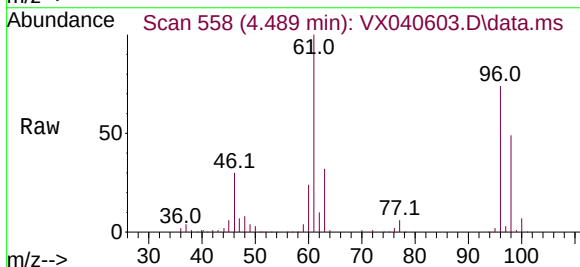
Tgt Ion: 96 Resp: 116688

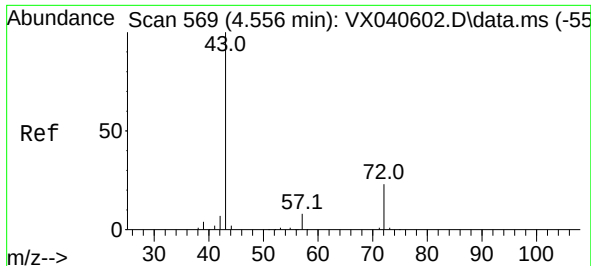
Ion Ratio Lower Upper

96 100

61 134.7 93.0 172.8

98 65.4 42.4 78.6





#22

2-Butanone

Concen: 161.617 ug/L

RT: 4.556 min Scan# 5

Delta R.T. -0.000 min

Lab File: VX040603.D

Acq: 06 Mar 2024 14:22

Instrument :

MSVOA_X

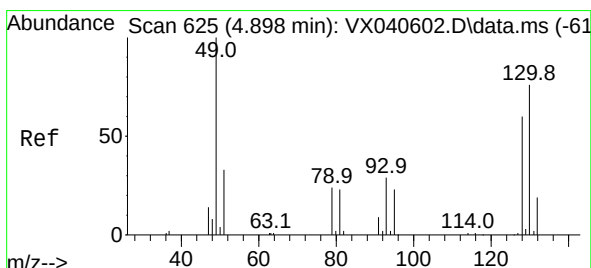
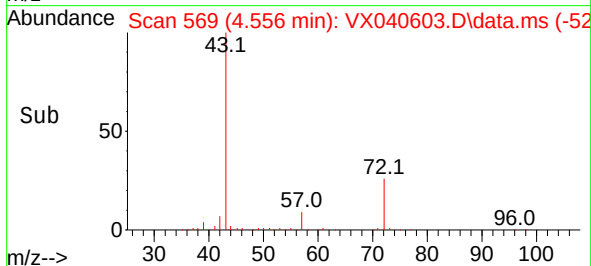
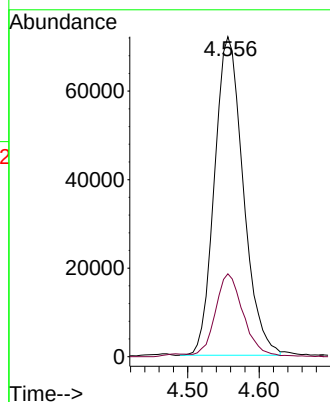
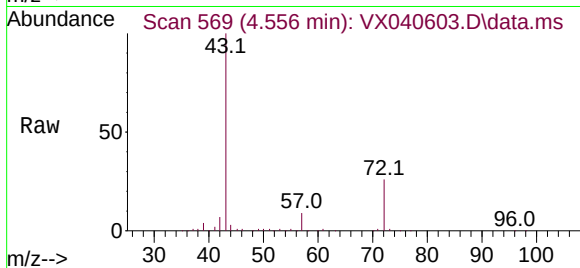
ClientSampleId :

Tgt Ion: 43 Resp: 200994

Ion Ratio Lower Upper

43 100

72 24.6 12.4 37.2



#23

Bromochloromethane

Concen: 97.887 ug/L

RT: 4.904 min Scan# 626

Delta R.T. 0.006 min

Lab File: VX040603.D

Acq: 06 Mar 2024 14:22

Tgt Ion:128 Resp: 56284

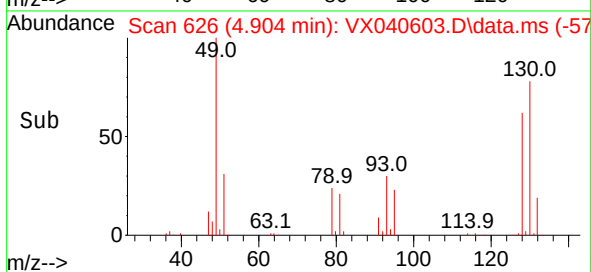
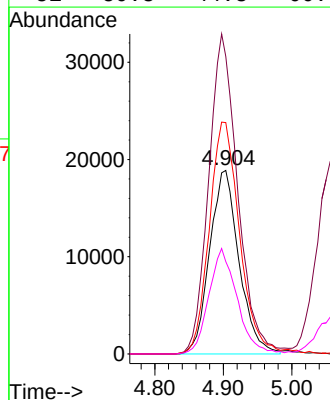
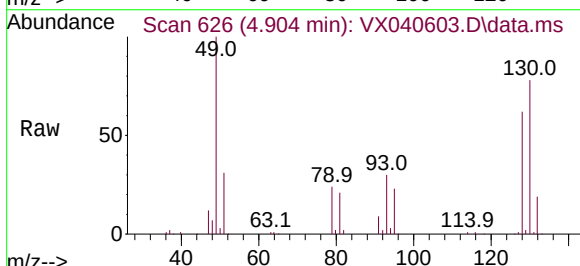
Ion Ratio Lower Upper

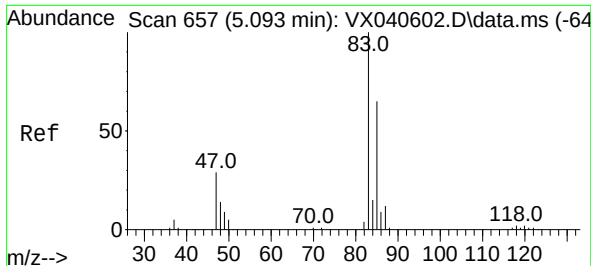
128 100

49 162.1 118.1 219.3

130 126.1 89.4 166.0

51 50.3 44.3 66.5





#25

Chloroform

Concen: 104.266 ug/L

RT: 5.093 min Scan# 60

Delta R.T. -0.000 min MSVOA_X

Lab File: VX040603.D

Acq: 06 Mar 2024 14:22

Instrument :

MSVOA_X

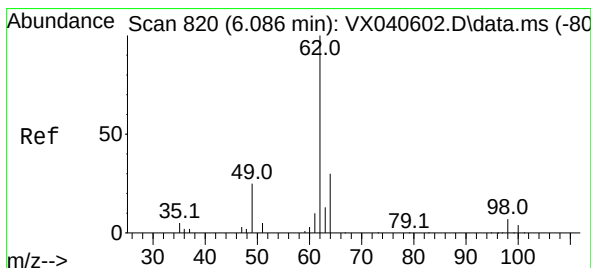
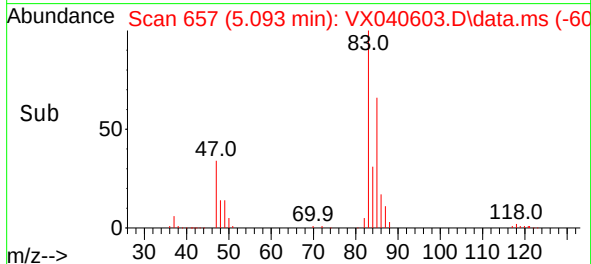
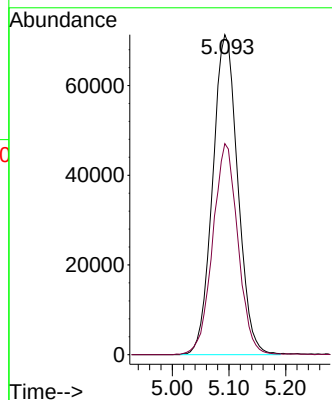
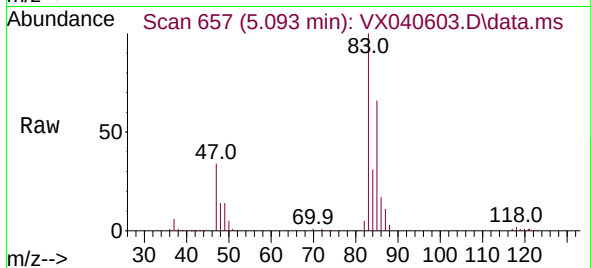
ClientSampleId :

Tgt Ion: 83 Resp: 219804

Ion Ratio Lower Upper

83 100

85 66.0 45.4 84.4



#27

1,2-Dichloroethane

Concen: 116.347 ug/L

RT: 6.086 min Scan# 820

Delta R.T. -0.000 min

Lab File: VX040603.D

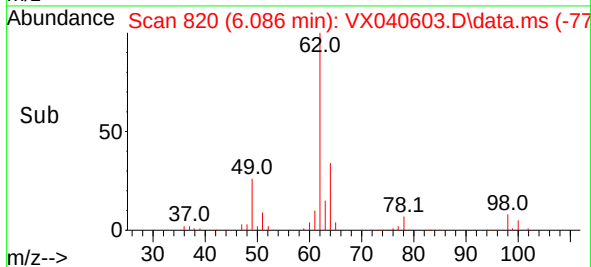
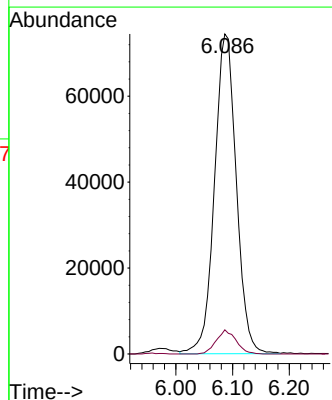
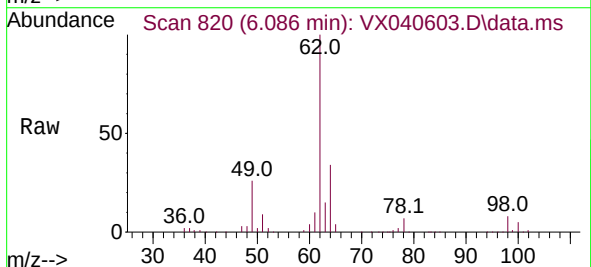
Acq: 06 Mar 2024 14:22

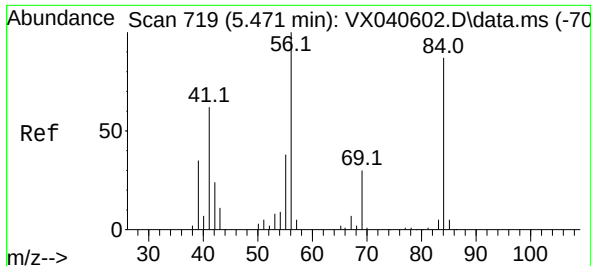
Tgt Ion: 62 Resp: 198982

Ion Ratio Lower Upper

62 100

98 7.5 5.8 8.6





#29

Cyclohexane

Concen: 88.324 ug/L

RT: 5.471 min Scan# 719

Delta R.T. -0.000 min

Lab File: VX040603.D

Acq: 06 Mar 2024 14:22

Instrument :

MSVOA_X

ClientSampleId :

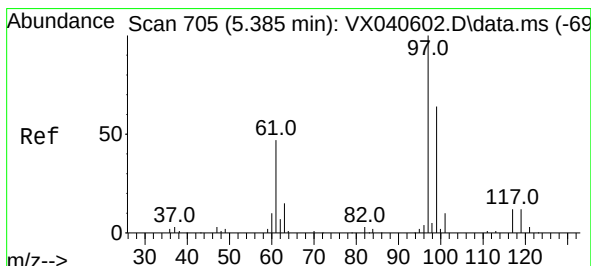
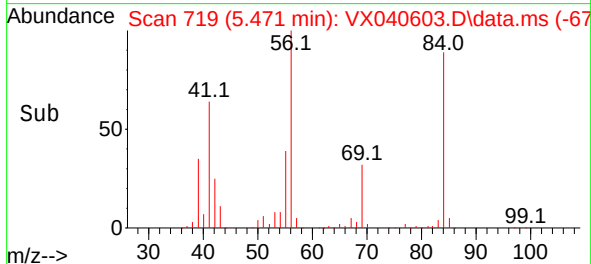
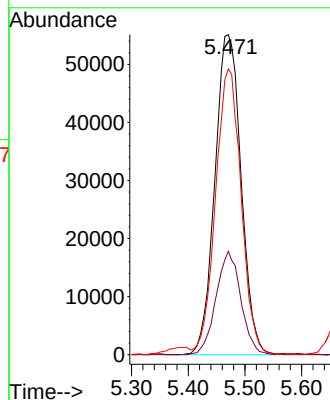
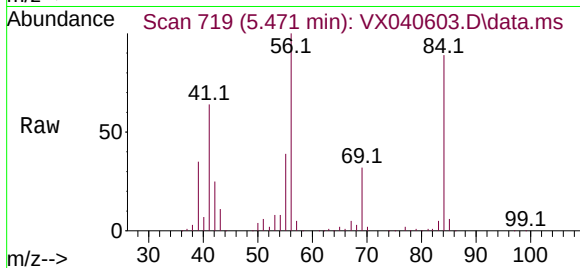
Tgt Ion: 56 Resp: 176758

Ion Ratio Lower Upper

56 100

69 30.4 25.0 37.4

84 86.9 70.6 105.8



#30

1,1,1-Trichloroethane

Concen: 107.359 ug/L

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX040603.D

Acq: 06 Mar 2024 14:22

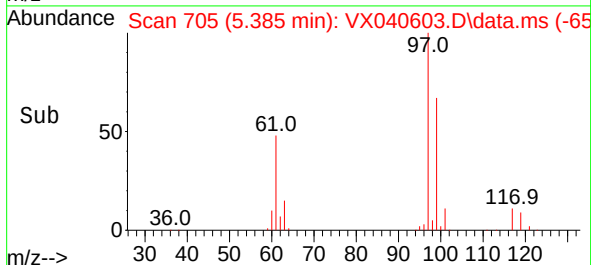
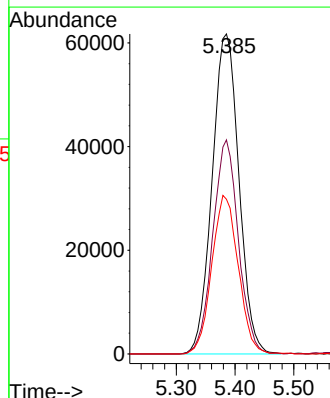
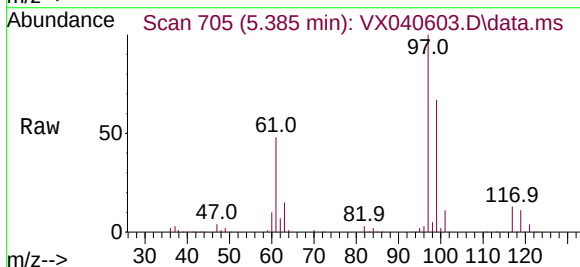
Tgt Ion: 97 Resp: 195646

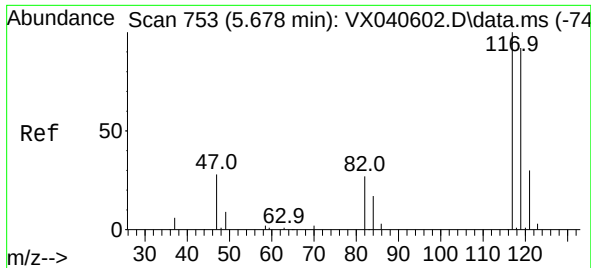
Ion Ratio Lower Upper

97 100

99 63.9 52.1 78.1

61 48.9 38.3 57.5

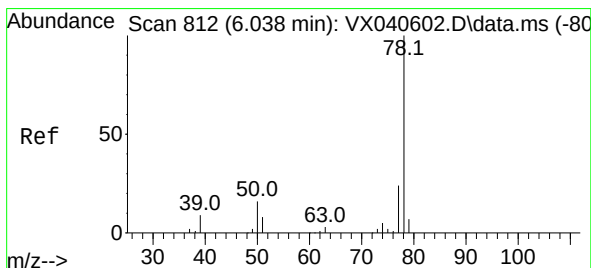
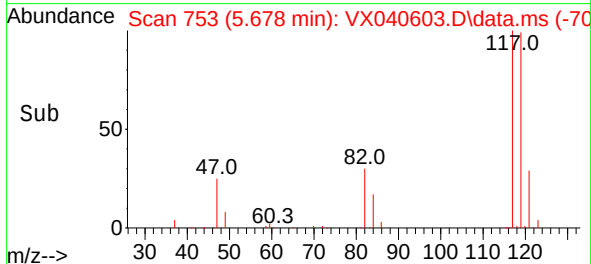
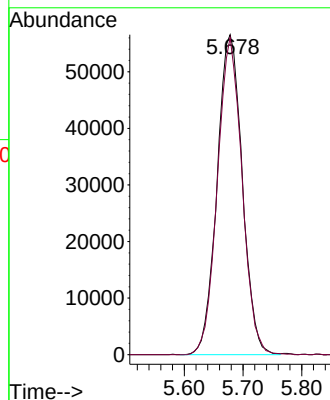
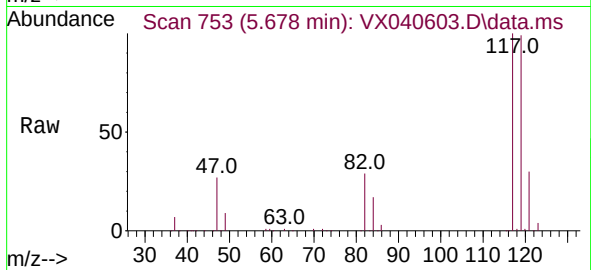




#31
Carbon tetrachloride
Concen: 110.765 ug/L
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX040603.D
Acq: 06 Mar 2024 14:22

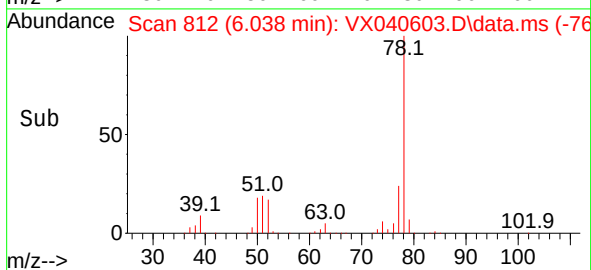
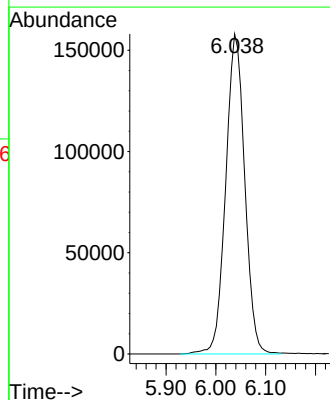
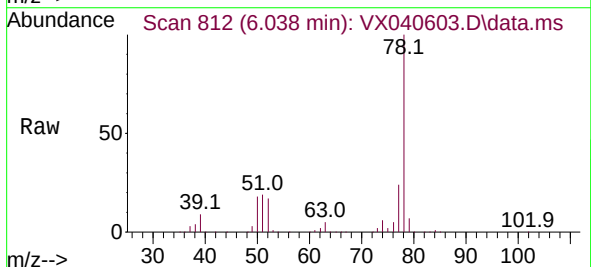
Instrument :
MSVOA_X
ClientSampleId :

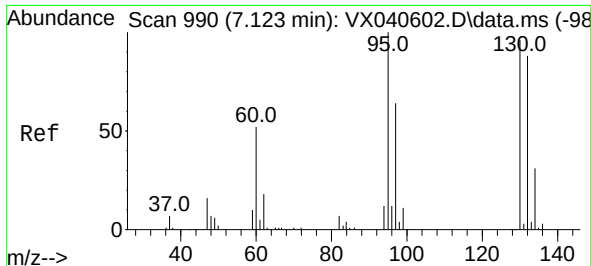
Tgt Ion:117 Resp: 168605
Ion Ratio Lower Upper
117 100
119 96.6 75.4 113.2



#33
Benzene
Concen: 91.107 ug/L
RT: 6.038 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX040603.D
Acq: 06 Mar 2024 14:22

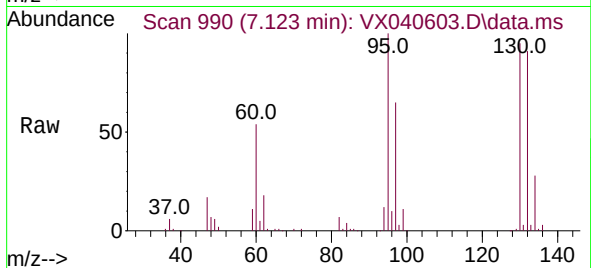
Tgt Ion: 78 Resp: 418896



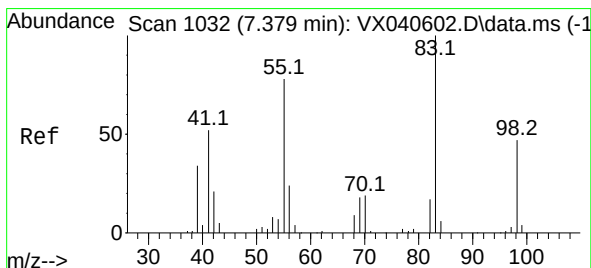
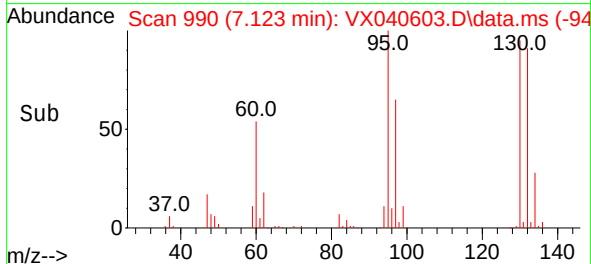
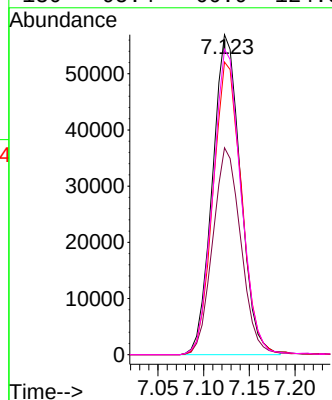


#34
Trichloroethene
Concen: 98.015 ug/L
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX040603.D
Acq: 06 Mar 2024 14:22

Instrument :
MSVOA_X
ClientSampleId :

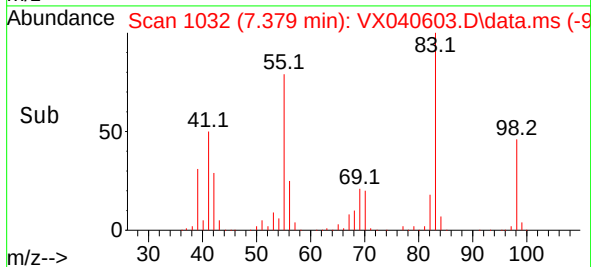
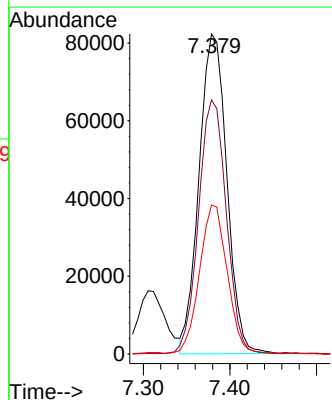
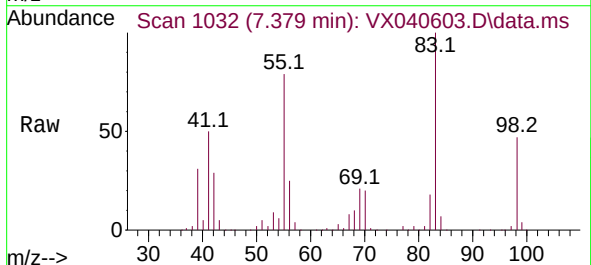


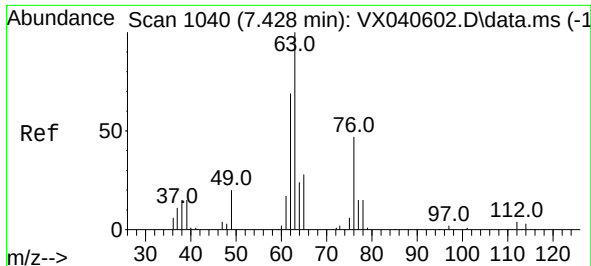
Tgt Ion: 95 Resp: 121625
Ion Ratio Lower Upper
95 100
97 64.6 44.7 83.1
132 91.5 61.5 114.3
130 95.4 66.9 124.3



#35
Methylcyclohexane
Concen: 91.023 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX040603.D
Acq: 06 Mar 2024 14:22

Tgt Ion: 83 Resp: 183431
Ion Ratio Lower Upper
83 100
55 79.6 62.6 94.0
98 46.4 37.4 56.2





#37

1,2-Dichloropropane

Concen: 89.111 ug/L

RT: 7.428 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VX040603.D

Acq: 06 Mar 2024 14:22

Instrument :

MSVOA_X

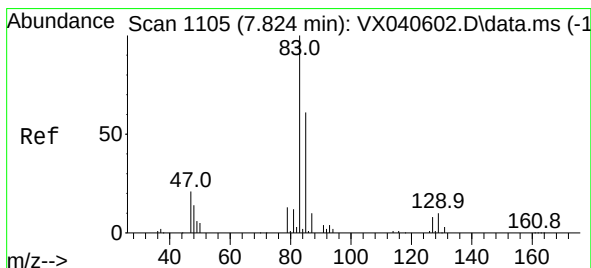
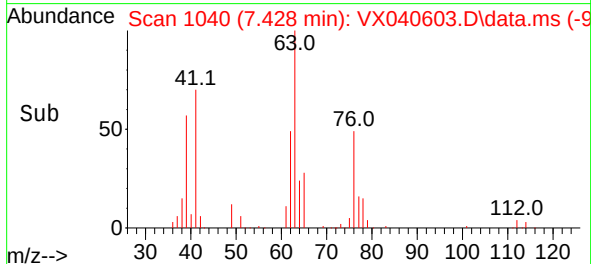
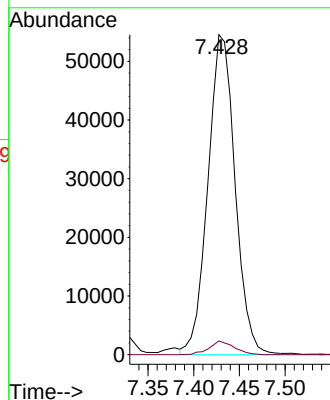
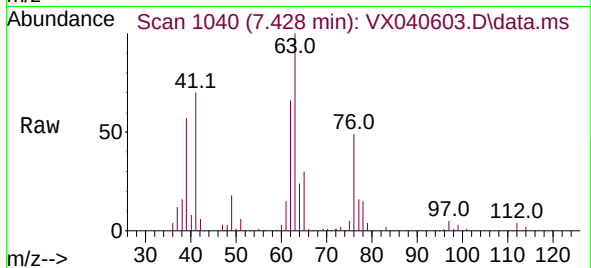
ClientSampleId :

Tgt Ion: 63 Resp: 112813

Ion Ratio Lower Upper

63 100

112 3.9 3.1 4.7



#38

Bromodichloromethane

Concen: 105.336 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VX040603.D

Acq: 06 Mar 2024 14:22

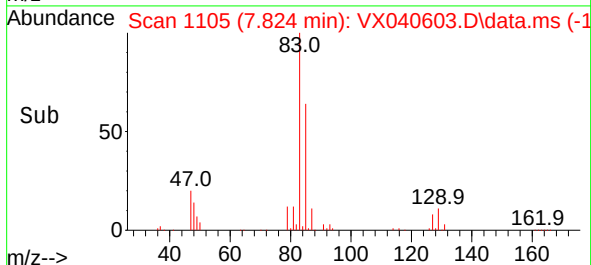
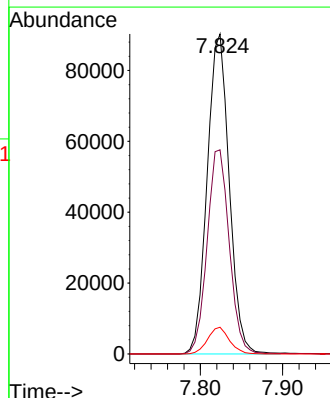
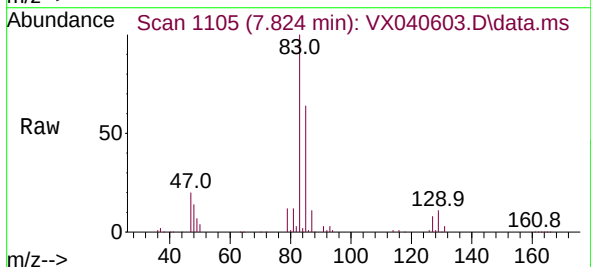
Tgt Ion: 83 Resp: 168105

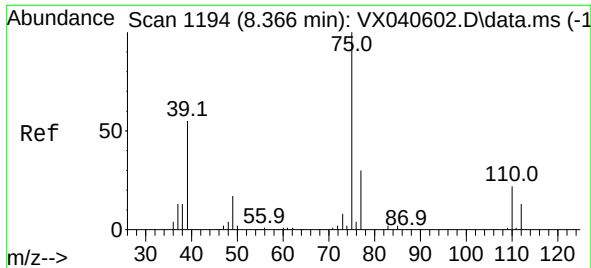
Ion Ratio Lower Upper

83 100

85 63.8 42.8 79.4

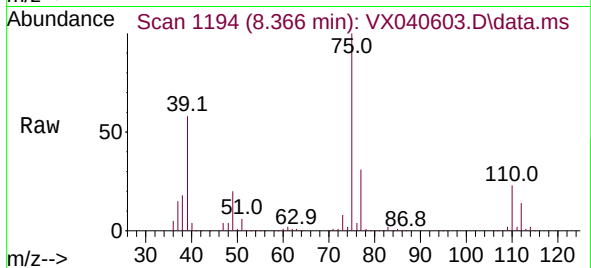
127 8.4 6.5 9.7



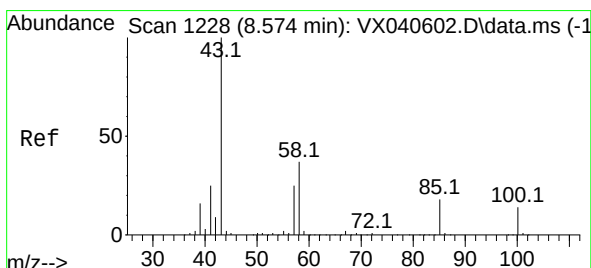
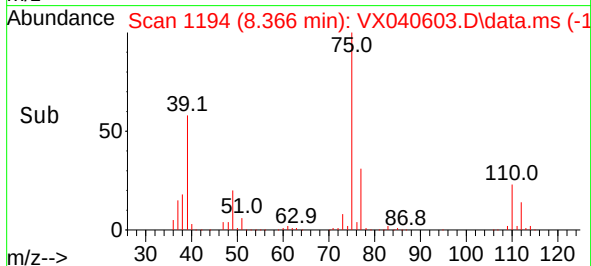
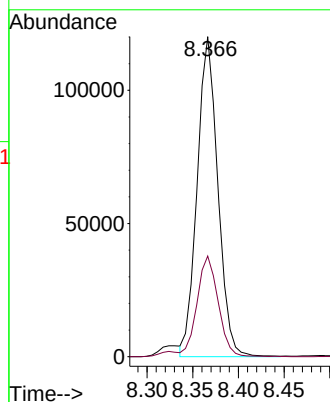


#39
 cis-1,3-Dichloropropene
 Concen: 92.740 ug/L
 RT: 8.366 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: VX040603.D
 Acq: 06 Mar 2024 14:22

Instrument :
 MSVOA_X
 ClientSampleId :

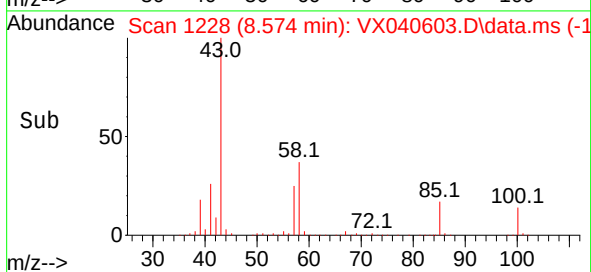
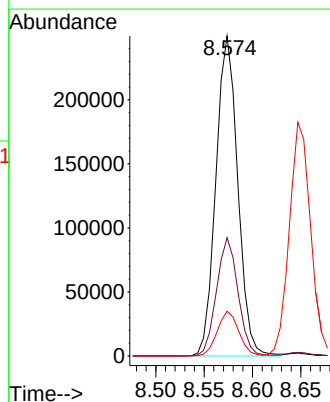
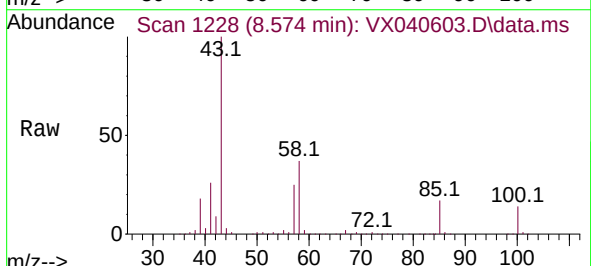


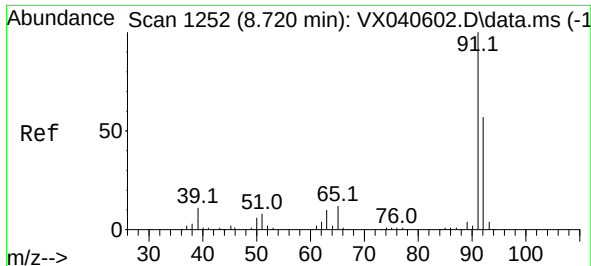
Tgt Ion: 75 Resp: 189237
 Ion Ratio Lower Upper
 75 100
 77 31.4 21.1 39.3



#40
 4-Methyl-2-pentanone
 Concen: 184.361 ug/L
 RT: 8.574 min Scan# 1228
 Delta R.T. -0.000 min
 Lab File: VX040603.D
 Acq: 06 Mar 2024 14:22

Tgt Ion: 43 Resp: 392642
 Ion Ratio Lower Upper
 43 100
 58 36.2 29.3 43.9
 100 13.8 10.7 16.1





#42

Toluene

Concen: 94.291 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX040603.D

Acq: 06 Mar 2024 14:22

Instrument :

MSVOA_X

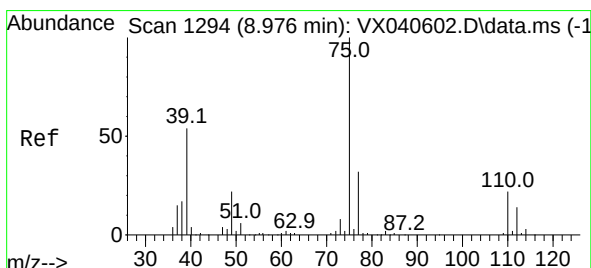
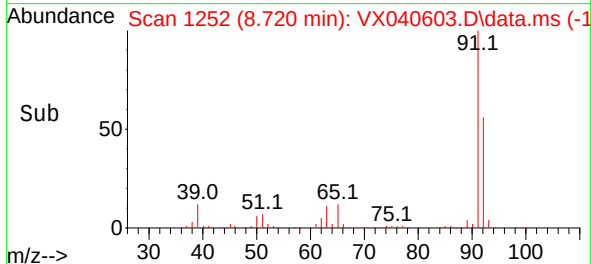
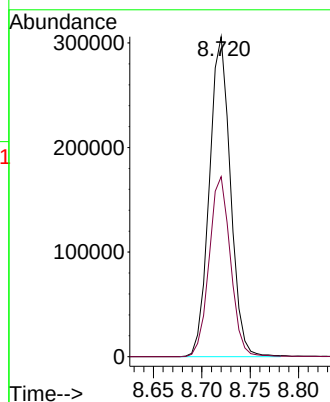
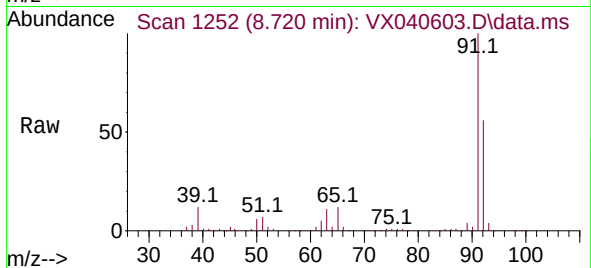
ClientSampleId :

Tgt Ion: 91 Resp: 463970

Ion Ratio Lower Upper

91 100

92 56.3 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 99.277 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX040603.D

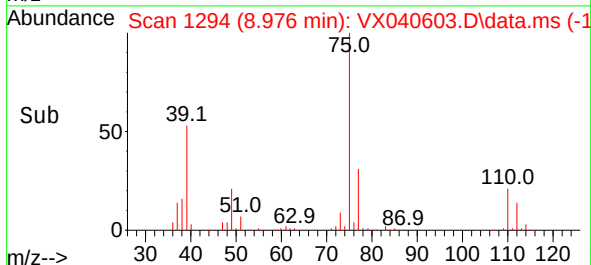
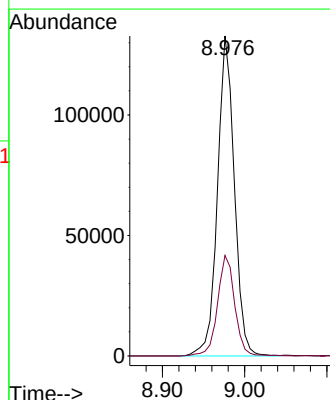
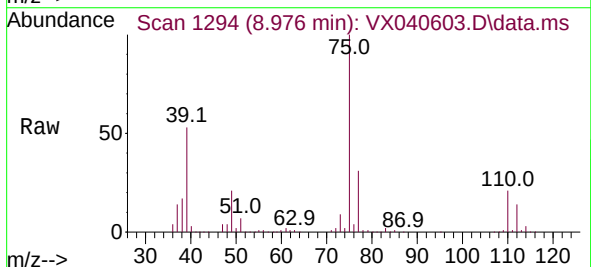
Acq: 06 Mar 2024 14:22

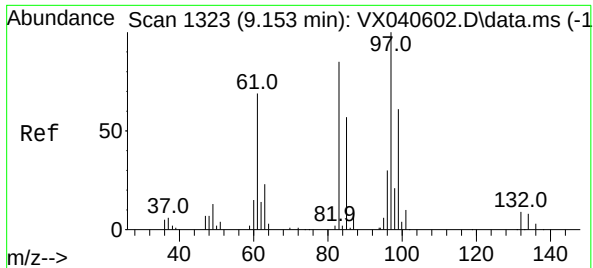
Tgt Ion: 75 Resp: 189486

Ion Ratio Lower Upper

75 100

77 31.4 22.1 41.1





#45

1,1,2-Trichloroethane

Concen: 95.781 ug/L

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX040603.D

Acq: 06 Mar 2024 14:22

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 113685

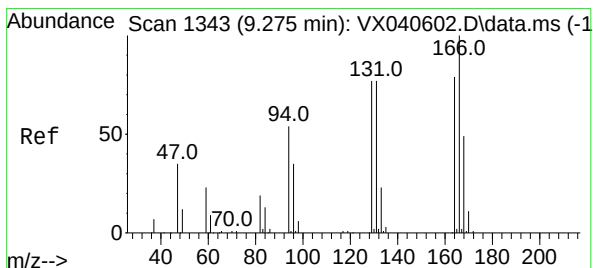
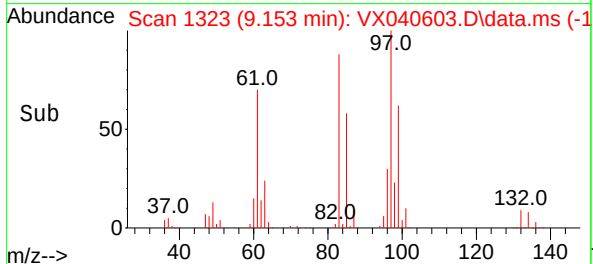
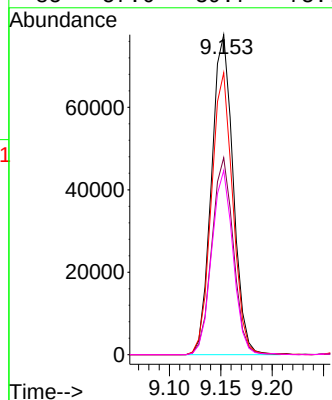
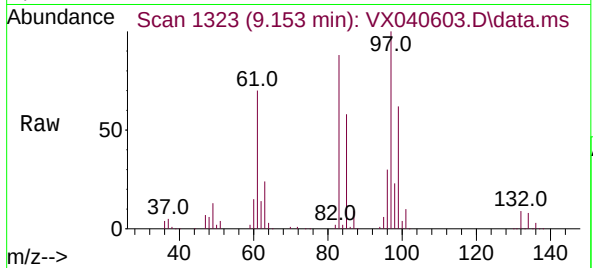
Ion Ratio Lower Upper

97 100

99 61.6 42.6 79.0

83 88.1 59.2 110.0

85 57.6 39.7 73.7



#46

Tetrachloroethene

Concen: 106.289 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX040603.D

Acq: 06 Mar 2024 14:22

Tgt Ion:164 Resp: 88513

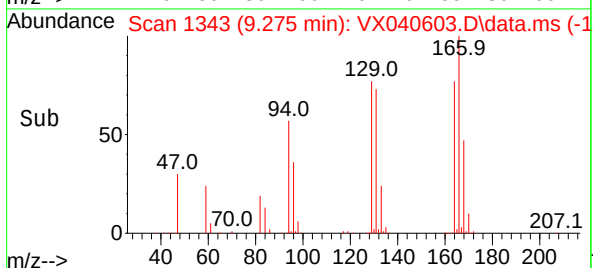
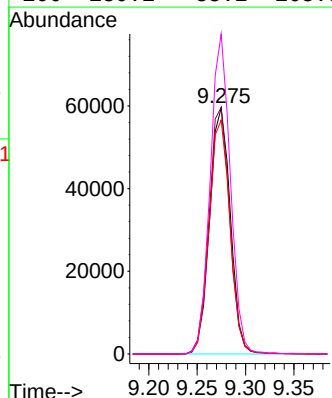
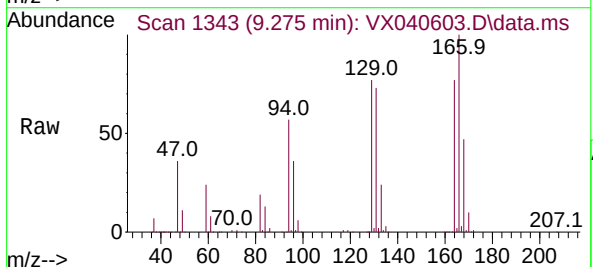
Ion Ratio Lower Upper

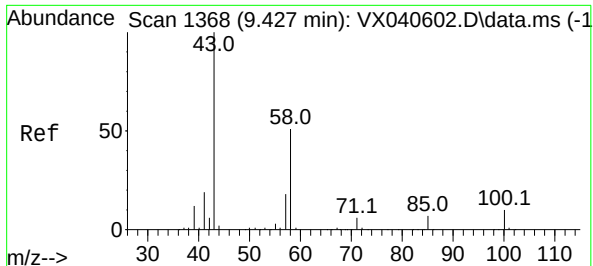
164 100

129 100.3 67.8 126.0

131 95.1 67.8 126.0

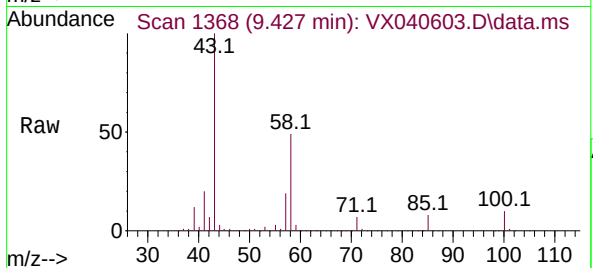
166 130.1 88.2 163.8





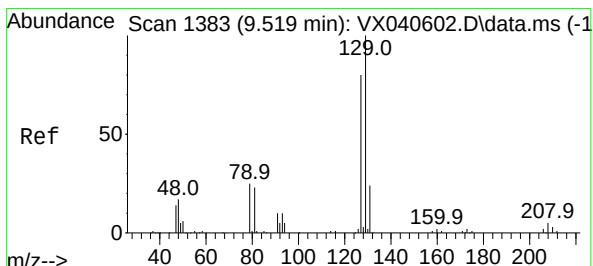
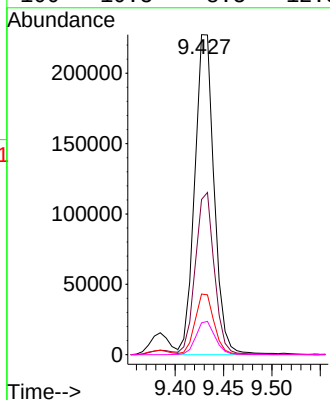
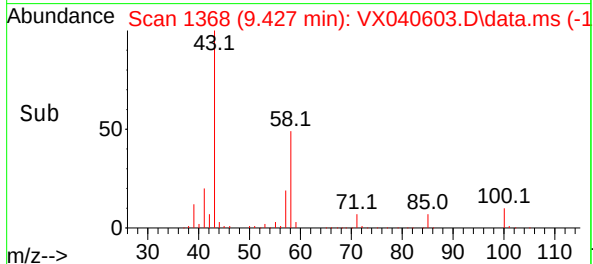
#48
2-Hexanone
Concen: 180.223 ug/L
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX040603.D
Acq: 06 Mar 2024 14:22

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 43 Resp: 319214

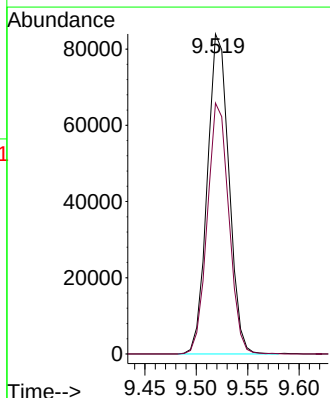
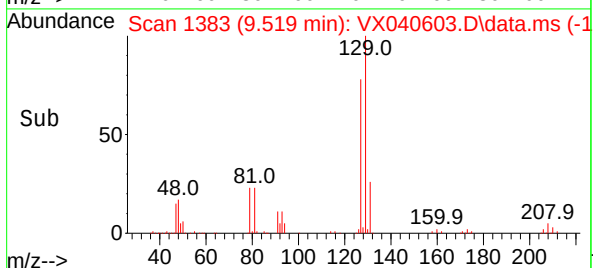
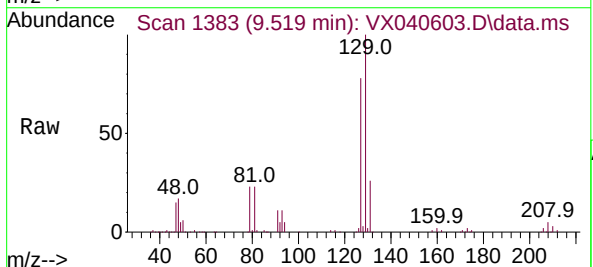
Ion	Ratio	Lower	Upper
43	100		
58	48.9	41.0	61.6
57	18.5	14.8	22.2
100	10.3	8.3	12.5

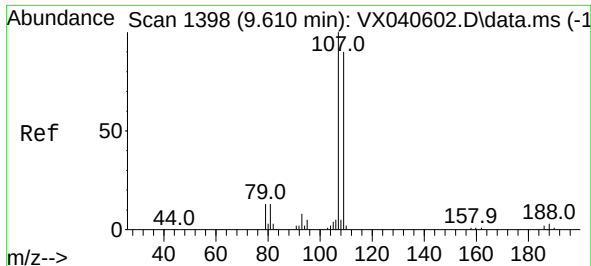


#49
Dibromochloromethane
Concen: 104.733 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX040603.D
Acq: 06 Mar 2024 14:22

Tgt Ion: 129 Resp: 122683

Ion	Ratio	Lower	Upper
129	100		
127	78.4	55.8	103.6





#50

1,2-Dibromoethane

Concen: 97.840 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VX040603.D

Acq: 06 Mar 2024 14:22

Instrument :

MSVOA_X

ClientSampleId :

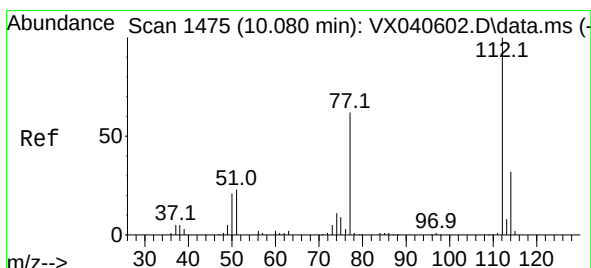
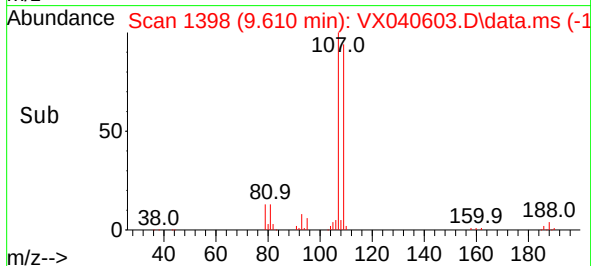
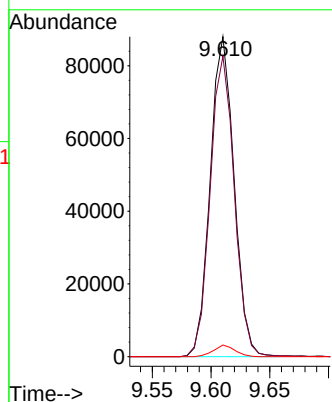
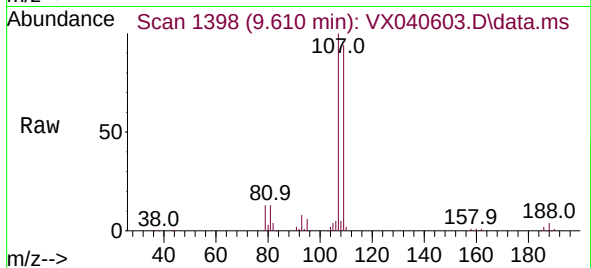
Tgt Ion:107 Resp: 124576

Ion Ratio Lower Upper

107 100

109 93.9 62.9 116.7

188 3.7 2.5 3.7



#51

Chlorobenzene

Concen: 97.256 ug/L

RT: 10.080 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX040603.D

Acq: 06 Mar 2024 14:22

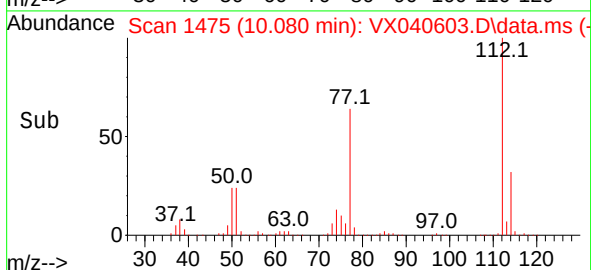
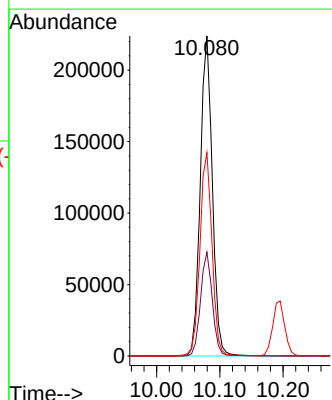
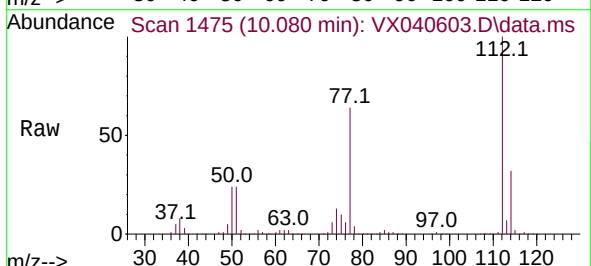
Tgt Ion:112 Resp: 297061

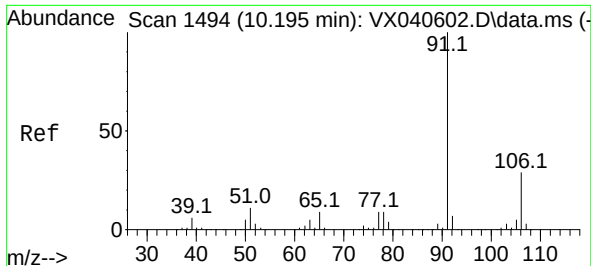
Ion Ratio Lower Upper

112 100

114 32.5 22.4 41.6

77 63.5 50.6 75.8





#52

Ethylbenzene

Concen: 99.310 ug/L

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX040603.D

Acq: 06 Mar 2024 14:22

Instrument :

MSVOA_X

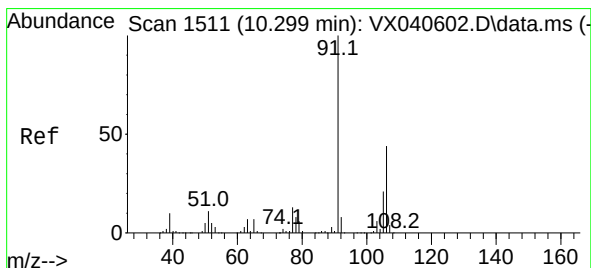
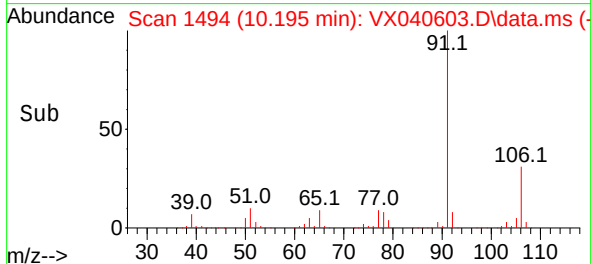
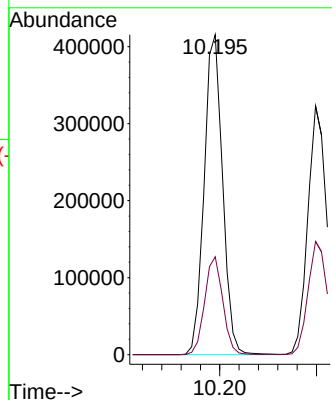
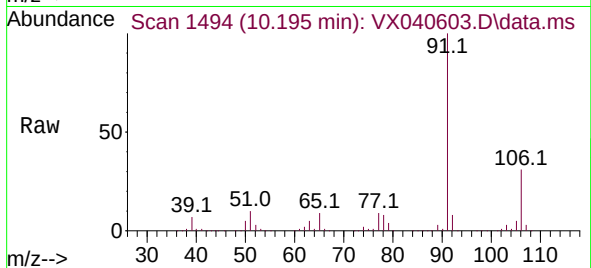
ClientSampleId :

Tgt Ion: 91 Resp: 550018

Ion Ratio Lower Upper

91 100

106 30.6 20.6 38.4



#53

m,p-Xylene

Concen: 97.841 ug/L

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX040603.D

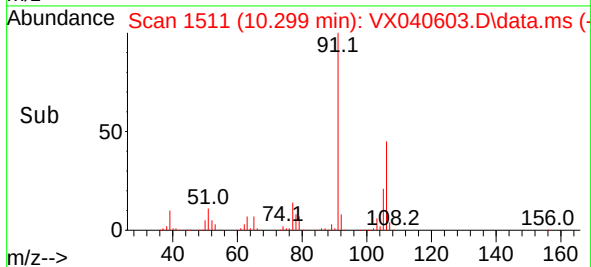
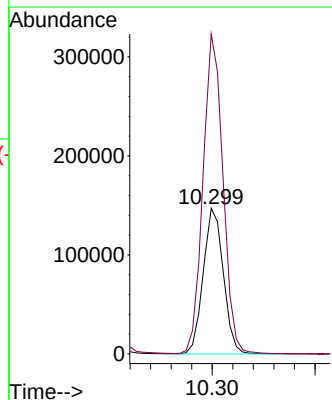
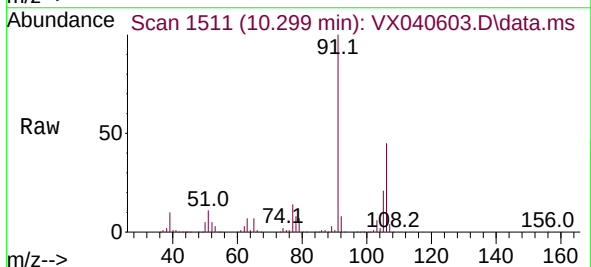
Acq: 06 Mar 2024 14:22

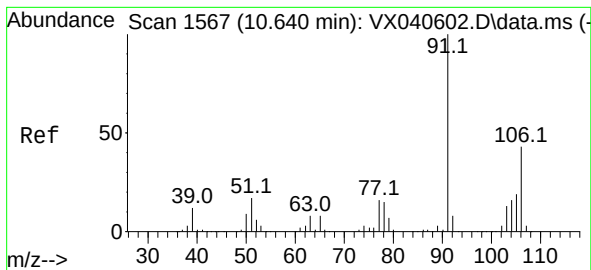
Tgt Ion:106 Resp: 201303

Ion Ratio Lower Upper

106 100

91 219.8 160.4 298.0

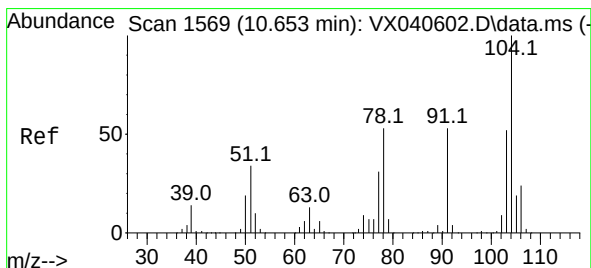
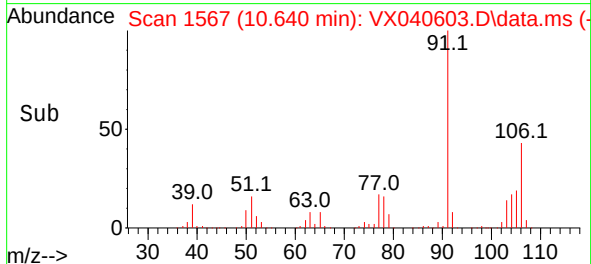
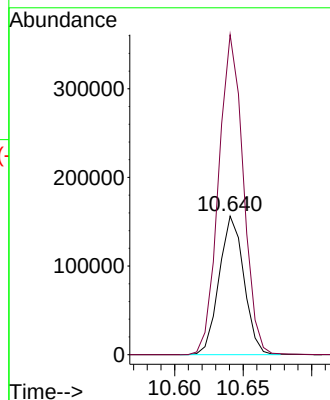
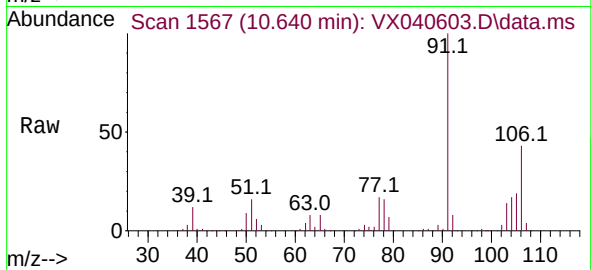




#54
o-Xylene
Concen: 99.622 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX040603.D
Acq: 06 Mar 2024 14:22

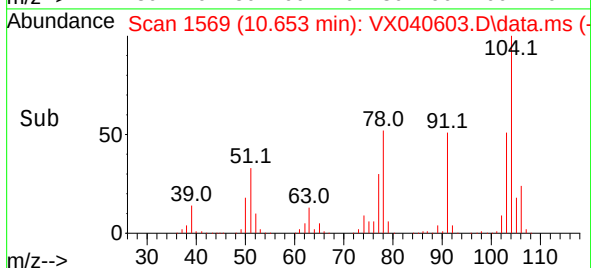
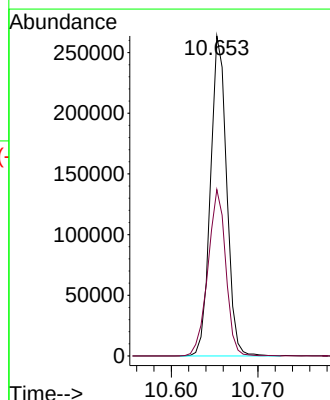
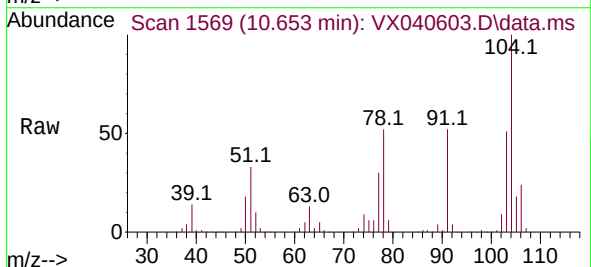
Instrument :
MSVOA_X
ClientSampleId :

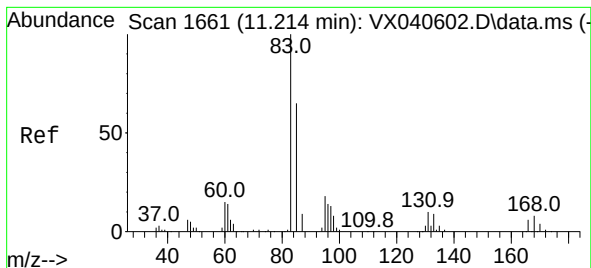
Tgt Ion:106 Resp: 196786
Ion Ratio Lower Upper
106 100
91 230.9 161.7 300.3



#55
Styrene
Concen: 101.000 ug/L
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX040603.D
Acq: 06 Mar 2024 14:22

Tgt Ion:104 Resp: 342481
Ion Ratio Lower Upper
104 100
78 52.0 37.2 69.0





#57

1,1,2,2-Tetrachloroethane

Concen: 92.561 ug/L

RT: 11.213 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX040603.D

Acq: 06 Mar 2024 14:22

Instrument :

MSVOA_X

ClientSampleId :

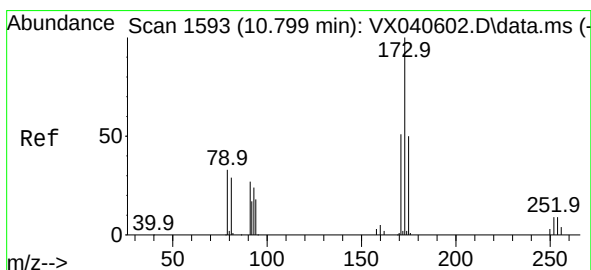
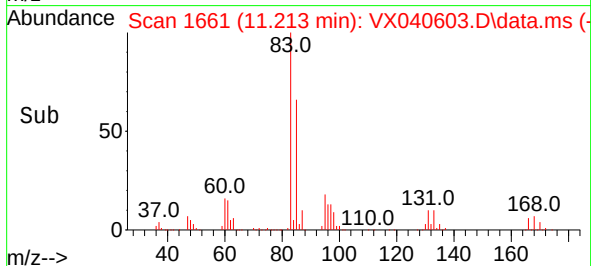
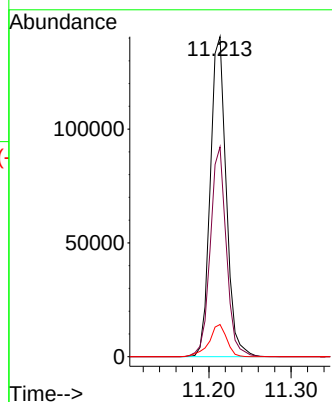
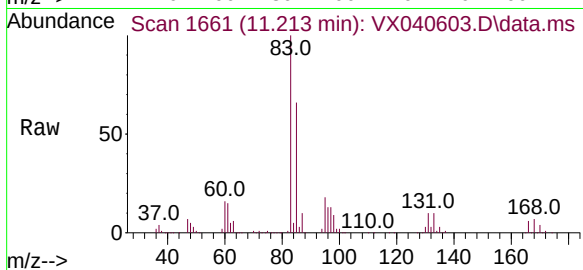
Tgt Ion: 83 Resp: 189367

Ion Ratio Lower Upper

83 100

85 65.6 45.2 84.0

131 10.0 8.2 12.2



#59

Bromoform

Concen: 103.016 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX040603.D

Acq: 06 Mar 2024 14:22

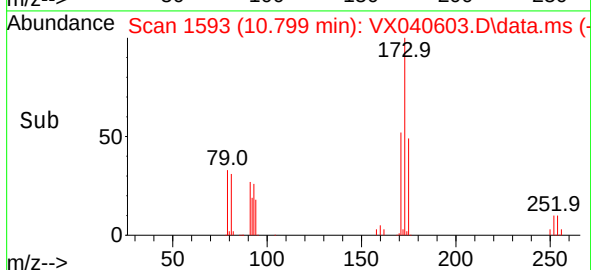
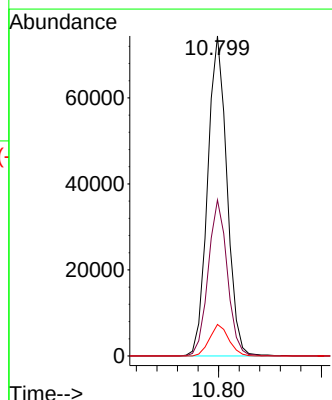
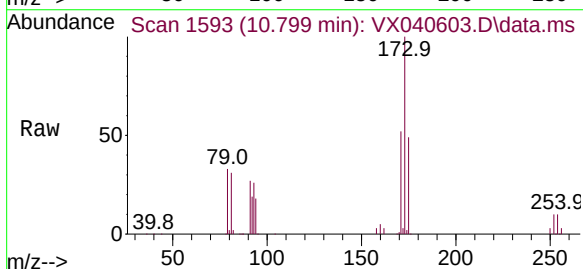
Tgt Ion:173 Resp: 96873

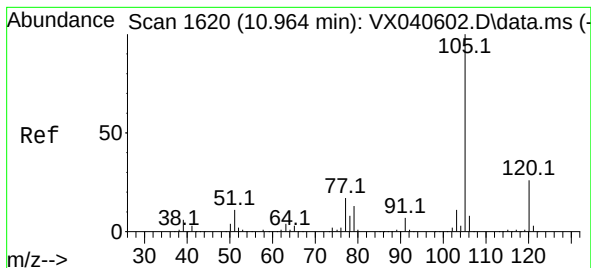
Ion Ratio Lower Upper

173 100

175 48.3 39.4 59.0

254 9.8 7.9 11.9





#60

Isopropylbenzene

Concen: 95.383 ug/L

RT: 10.964 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX040603.D

Acq: 06 Mar 2024 14:22

Instrument :

MSVOA_X

ClientSampleId :

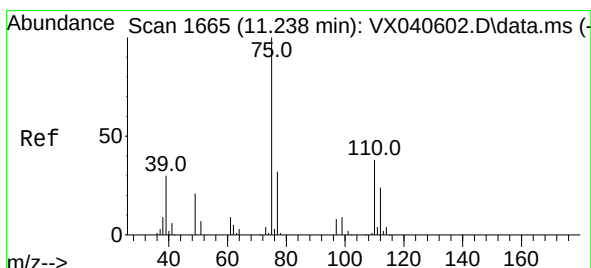
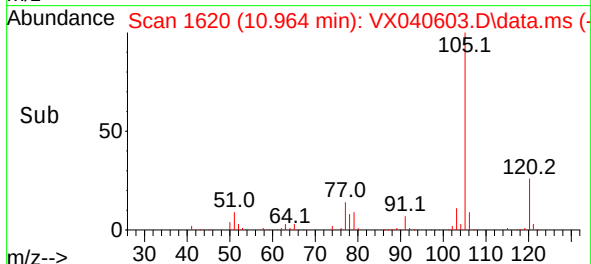
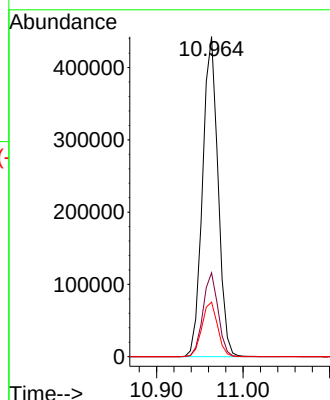
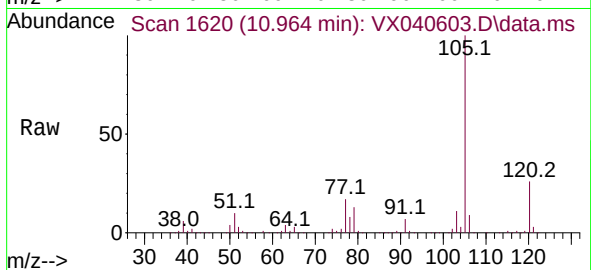
Tgt Ion:105 Resp: 548726

Ion Ratio Lower Upper

105 100

120 25.6 20.1 30.1

77 17.4 13.9 20.9



#61

1,2,3-Trichloropropane

Concen: 91.669 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX040603.D

Acq: 06 Mar 2024 14:22

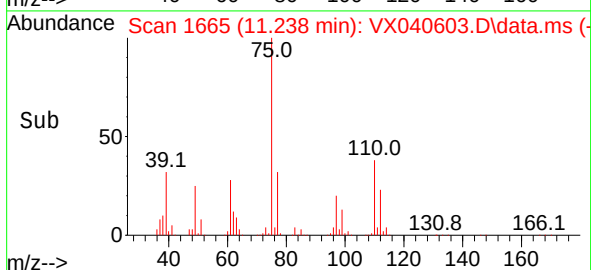
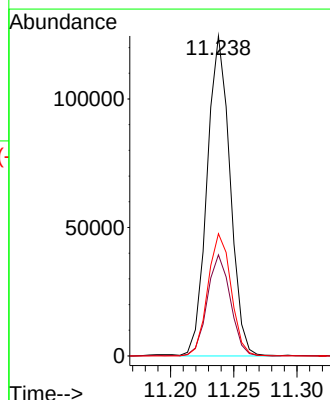
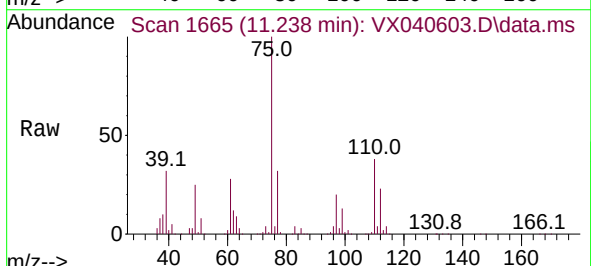
Tgt Ion: 75 Resp: 157474

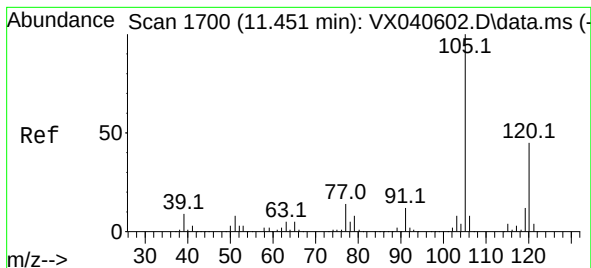
Ion Ratio Lower Upper

75 100

77 31.8 25.7 38.5

110 38.6 31.0 46.4





#62

1,3,5-Trimethylbenzene

Concen: 96.788 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX040603.D

Acq: 06 Mar 2024 14:22

Instrument :

MSVOA_X

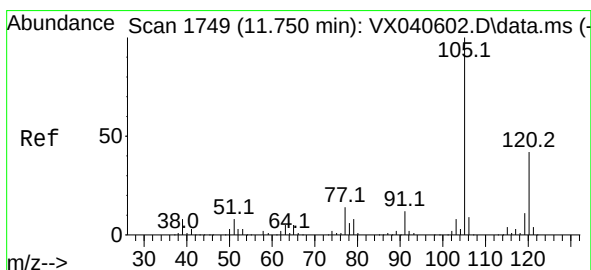
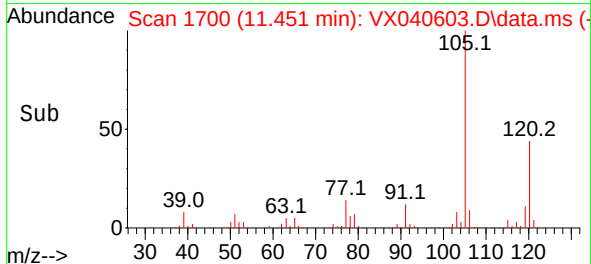
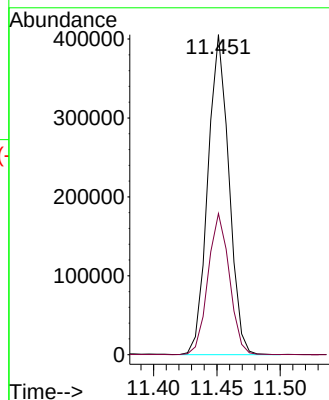
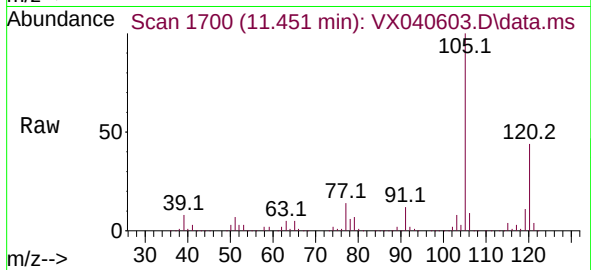
ClientSampleId :

Tgt Ion:105 Resp: 469670

Ion Ratio Lower Upper

105 100

120 44.7 36.2 54.2



#63

1,2,4-Trimethylbenzene

Concen: 97.572 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX040603.D

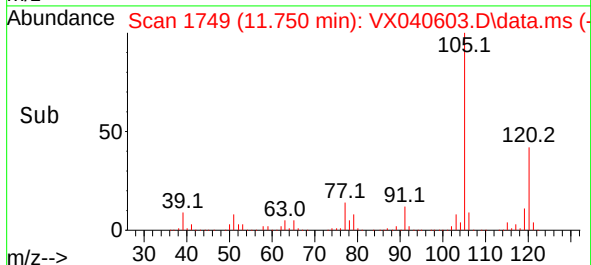
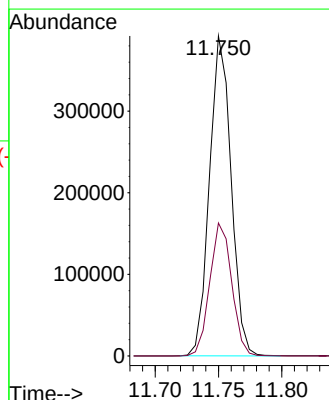
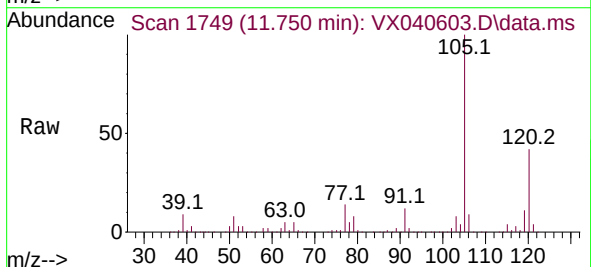
Acq: 06 Mar 2024 14:22

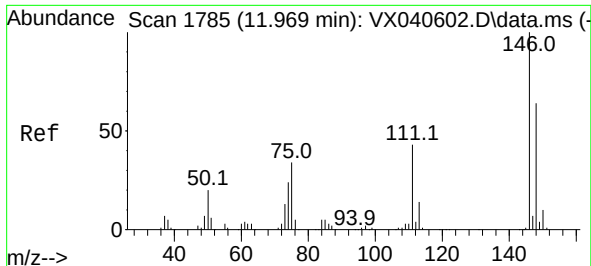
Tgt Ion:105 Resp: 466491

Ion Ratio Lower Upper

105 100

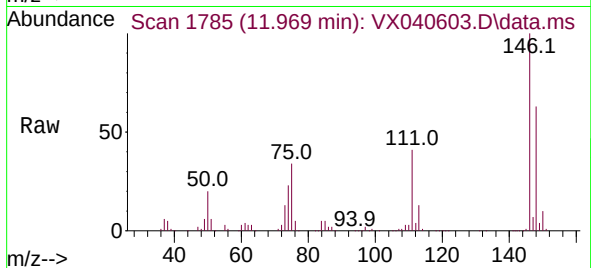
120 42.1 33.9 50.9



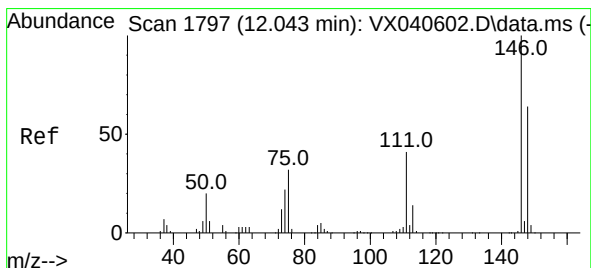
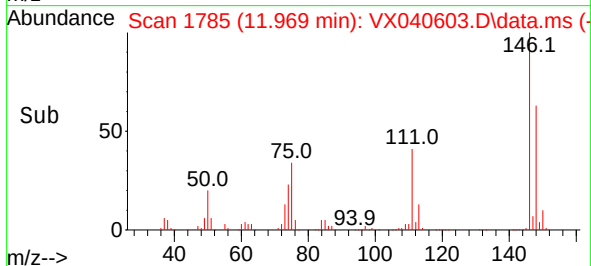
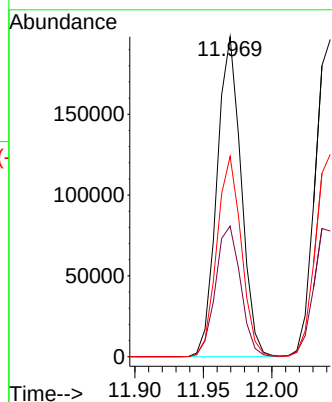


#64
1,3-Dichlorobenzene
Concen: 99.958 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX040603.D
Acq: 06 Mar 2024 14:22

Instrument :
MSVOA_X
ClientSampleId :

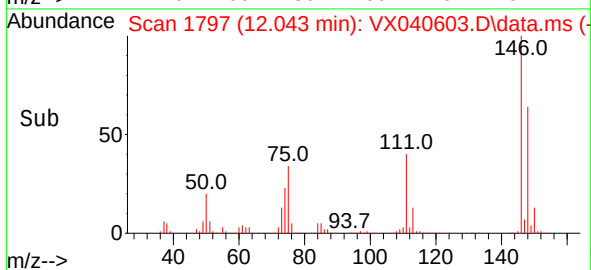
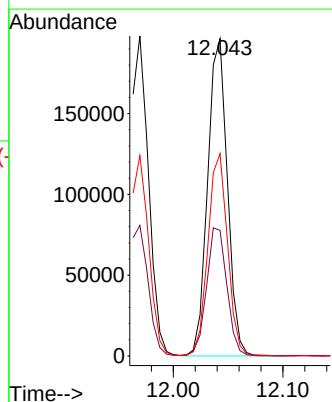
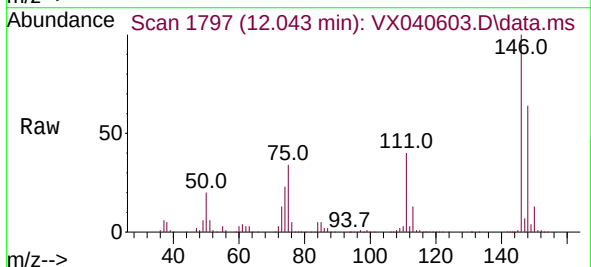


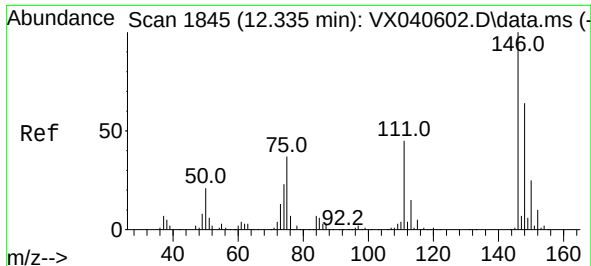
Tgt Ion:146 Resp: 242712
Ion Ratio Lower Upper
146 100
111 40.8 30.0 55.6
148 62.6 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 99.187 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX040603.D
Acq: 06 Mar 2024 14:22

Tgt Ion:146 Resp: 245371
Ion Ratio Lower Upper
146 100
111 39.6 28.8 53.4
148 63.8 45.1 83.7





#67

1,2-Dichlorobenzene

Concen: 99.282 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX040603.D

Acq: 06 Mar 2024 14:22

Instrument :

MSVOA_X

ClientSampleId :

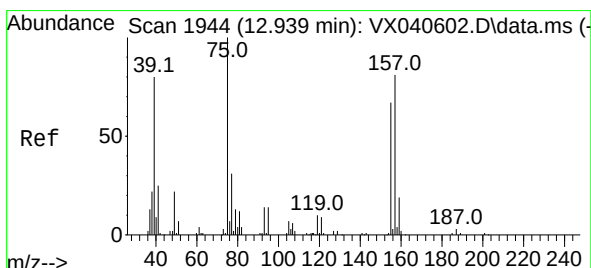
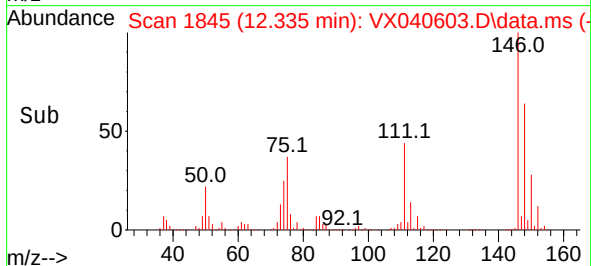
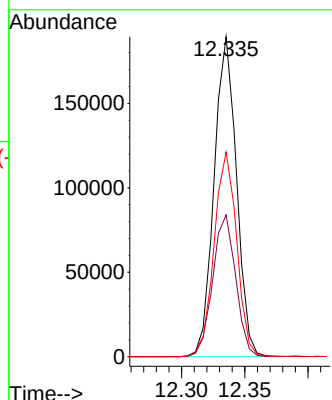
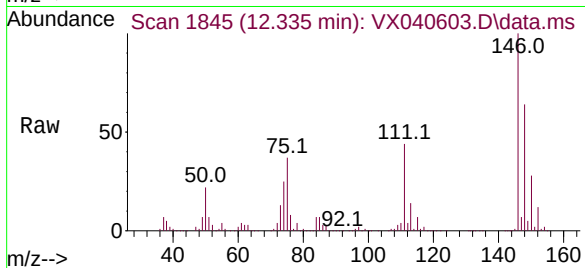
Tgt Ion:146 Resp: 232725

Ion Ratio Lower Upper

146 100

111 44.3 35.8 53.8

148 63.9 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 103.339 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. 0.006 min

Lab File: VX040603.D

Acq: 06 Mar 2024 14:22

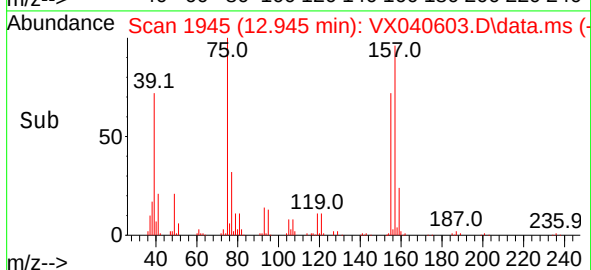
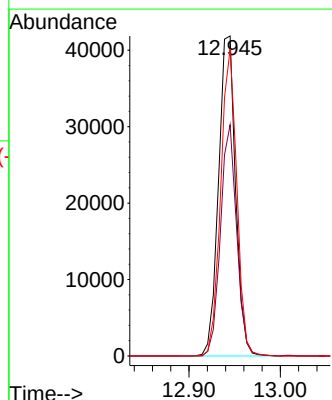
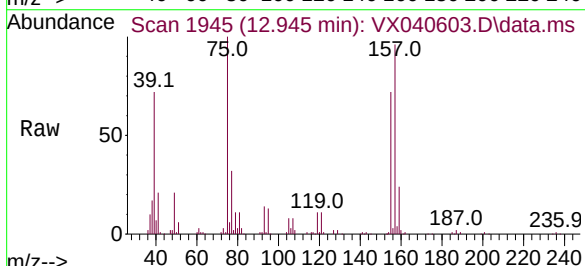
Tgt Ion: 75 Resp: 54402

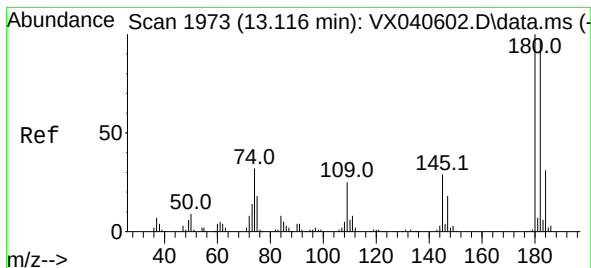
Ion Ratio Lower Upper

75 100

155 72.2 53.9 80.9

157 95.9 64.5 96.7





#69

1,3,5-Trichlorobenzene

Concen: 103.818 ug/L

RT: 13.116 min Scan# 1973

Delta R.T. -0.000 min

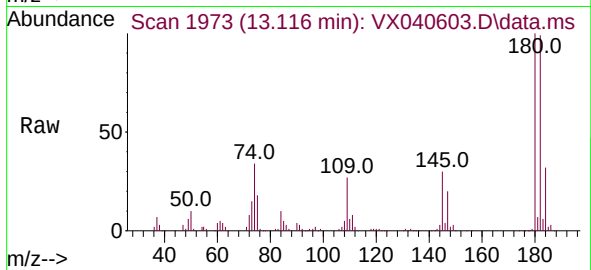
Lab File: VX040603.D

Acq: 06 Mar 2024 14:22

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 169877

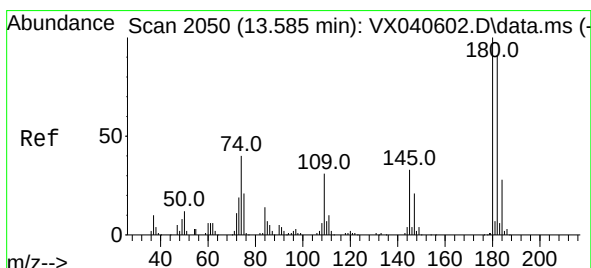
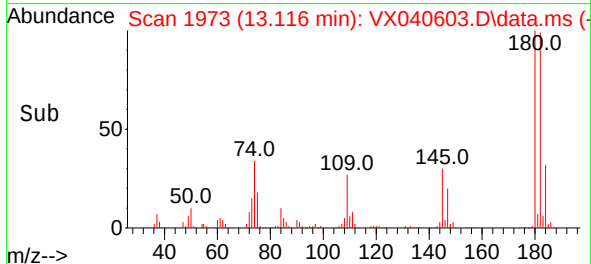
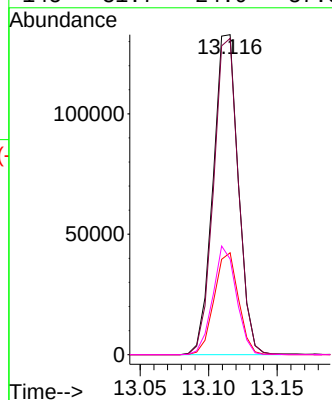
Ion Ratio Lower Upper

180 100

182 96.9 76.6 115.0

184 30.8 24.3 36.5

145 31.7 24.9 37.3



#70

1,2,4-trichlorobenzene

Concen: 92.722 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX040603.D

Acq: 06 Mar 2024 14:22

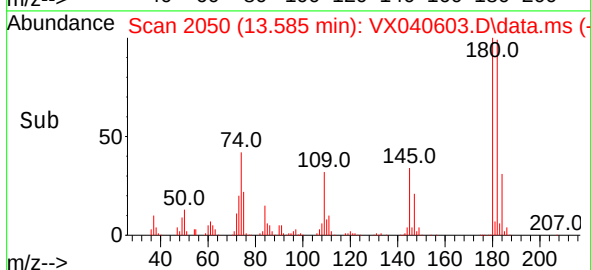
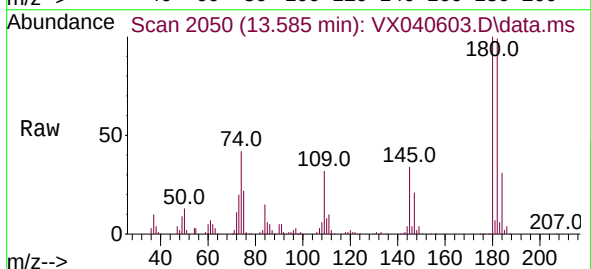
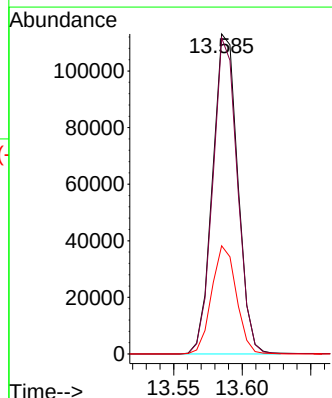
Tgt Ion:180 Resp: 144422

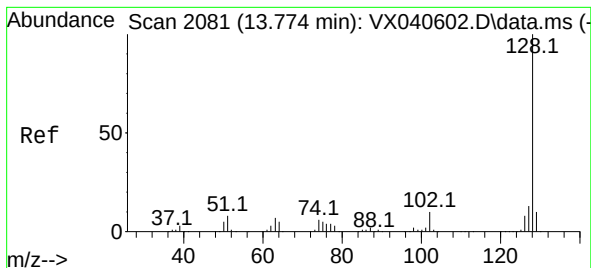
Ion Ratio Lower Upper

180 100

182 96.4 75.1 112.7

145 33.1 26.2 39.4





#71

Naphthalene

Concen: 91.069 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX040603.D

Acq: 06 Mar 2024 14:22

Instrument :

MSVOA_X

ClientSampleId :

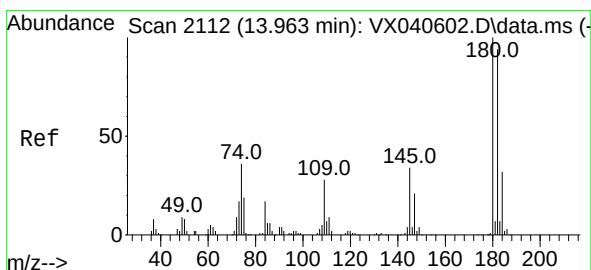
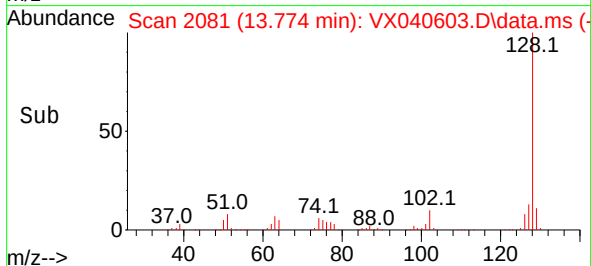
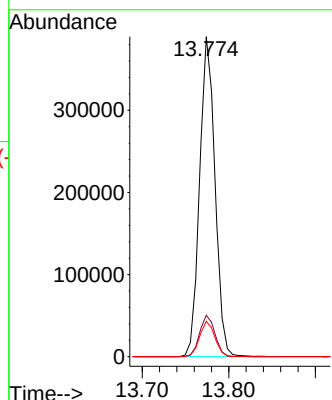
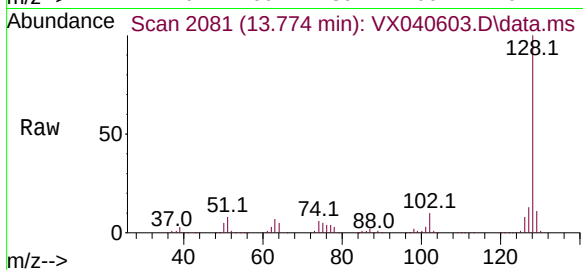
Tgt Ion:128 Resp: 479320

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 10.9 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 95.182 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX040603.D

Acq: 06 Mar 2024 14:22

Tgt Ion:180 Resp: 143779

Ion Ratio Lower Upper

180 100

182 96.8 76.9 115.3

145 33.3 27.8 41.8

