

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041024\
 Data File : VX040959.D
 Acq On : 10 Apr 2024 16:52
 Operator : JC/MD
 Sample : VSTD05070
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 11 05:27:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 11 05:26:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	309657	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	291971	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	167433	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	113610	51.582	ug/L	0.00
7) Chloroethane-d5	1.666	69	93979	52.254	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.307	65	48841	51.940	ug/L	0.00
21) 2-Butanone-d5	4.452	46	127005	105.860	ug/L	0.00
24) Chloroform-d	5.056	84	212363	51.675	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	135493	50.686	ug/L	0.00
32) Benzene-d6	5.977	84	414276	52.264	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.306	67	118619	51.311	ug/L	0.00
41) Toluene-d8	8.647	98	403070	52.050	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	60895	52.344	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	104215	106.590	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	176925	51.665	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	172154	51.256	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	104416	51.208	ug/L	100
3) Chloromethane	1.301	50	98531	50.904	ug/L	100
5) Vinyl chloride	1.374	62	120165	51.662	ug/L	100
6) Bromomethane	1.605	94	79120	56.262	ug/L	100
8) Chloroethane	1.691	64	75594	52.231	ug/L	100
9) Trichlorofluoromethane	1.892	101	193307	52.749	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	109994	52.520	ug/L	100
12) 1,1-Dichloroethene	2.319	96	97588	52.464	ug/L	100
13) Acetone	2.380	43	133952	103.011	ug/L	100
14) Carbon disulfide	2.514	76	243141	52.015	ug/L	100
15) Methyl Acetate	2.703	43	116708	51.699	ug/L	100
16) Methylene chloride	2.788	84	99487	51.315	ug/L	100
17) trans-1,2-Dichloroethene	3.093	96	100385	52.136	ug/L	100
18) Methyl tert-butyl Ether	3.111	73	316104	52.304	ug/L	100
19) 1,1-Dichloroethane	3.611	63	177609	51.934	ug/L	100
20) cis-1,2-Dichloroethene	4.489	96	114829	52.346	ug/L	100
22) 2-Butanone	4.556	43	176193	103.511	ug/L	100
23) Bromochloromethane	4.898	128	63717	53.429	ug/L	100
25) Chloroform	5.093	83	195075	52.049	ug/L	100
27) 1,2-Dichloroethane	6.086	62	158557	52.635	ug/L	100
29) Cyclohexane	5.471	56	156353	53.454	ug/L	100
30) 1,1,1-Trichloroethane	5.385	97	173528	53.035	ug/L	100
31) Carbon tetrachloride	5.678	117	158176	53.049	ug/L	100
33) Benzene	6.038	78	398585	52.617	ug/L	100
34) Trichloroethene	7.123	95	113009	52.005	ug/L	100
35) Methylcyclohexane	7.379	83	164500	53.377	ug/L	100
37) 1,2-Dichloropropane	7.428	63	101839	51.938	ug/L	100
38) Bromodichloromethane	7.818	83	145353	52.878	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	169525	52.918	ug/L	100
40) 4-Methyl-2-pentanone	8.574	43	320158	107.814	ug/L	100
42) Toluene	8.720	91	444982	53.043	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	160715	53.682	ug/L	100

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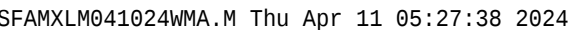
Instrument :
 MSVOA_X
 ClientSampleId :

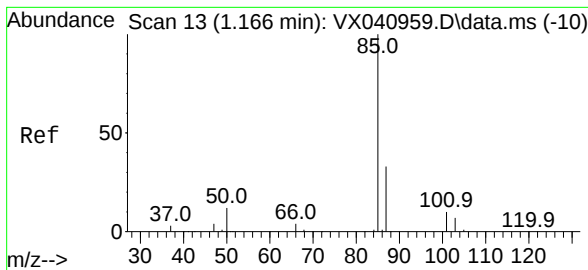
Quant Time: Apr 11 05:27:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 11 05:26:00 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	110387	51.829	ug/L	100
46) Tetrachloroethene	9.275	164	107982	52.761	ug/L	100
48) 2-Hexanone	9.427	43	263015	109.633	ug/L	100
49) Dibromochloromethane	9.519	129	127357	53.018	ug/L	100
50) 1,2-Dibromoethane	9.610	107	121234	52.765	ug/L	100
51) Chlorobenzene	10.079	112	307033	52.225	ug/L	100
52) Ethylbenzene	10.195	91	502869	52.831	ug/L	100
53) m,p-Xylene	10.299	106	199420	52.545	ug/L	100
54) o-Xylene	10.640	106	194221	53.066	ug/L	100
55) Styrene	10.653	104	336102	53.414	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	173250	52.503	ug/L	100
59) Bromoform	10.799	173	109816	53.442	ug/L	100
60) Isopropylbenzene	10.964	105	526280	53.765	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	134881	52.757	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	422196	53.502	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	429172	54.031	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	266842	51.953	ug/L	100
65) 1,4-Dichlorobenzene	12.043	146	273321	51.837	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	256528	51.486	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.939	75	38119	52.135	ug/L	100
69) 1,3,5-Trichlorobenzene	13.109	180	204922	52.098	ug/L	100
70) 1,2,4-trichlorobenzene	13.585	180	191498	51.374	ug/L	100
71) Naphthalene	13.774	128	548890	53.735	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	187122	51.186	ug/L	100

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

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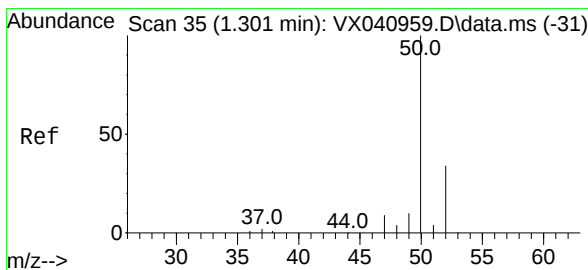
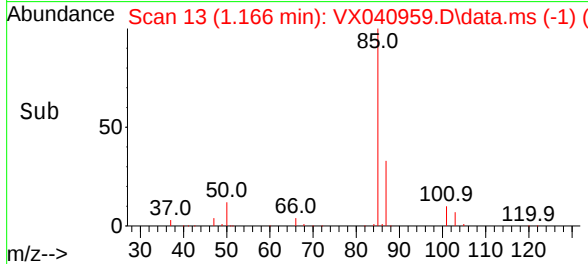
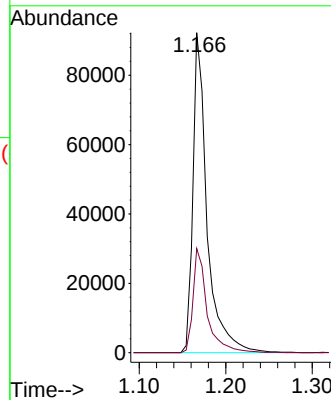
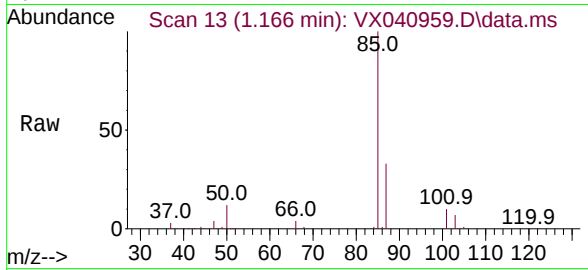




#2
 Dichlorodifluoromethane
 Concen: 51.208 ug/L
 RT: 1.166 min Scan# 14
 Delta R.T. 0.000 min
 Lab File: VX040959.D
 Acq: 10 Apr 2024 16:52

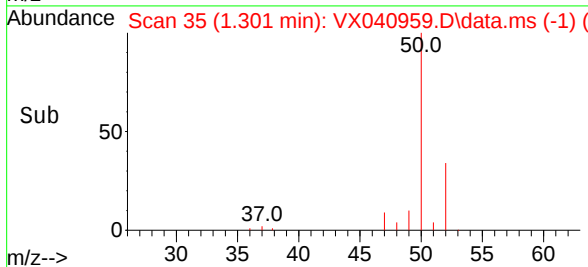
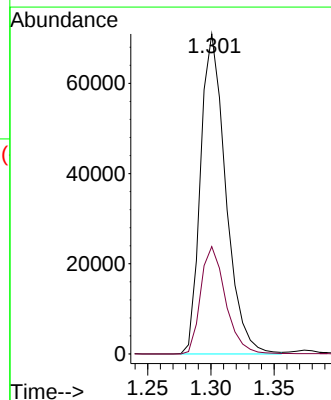
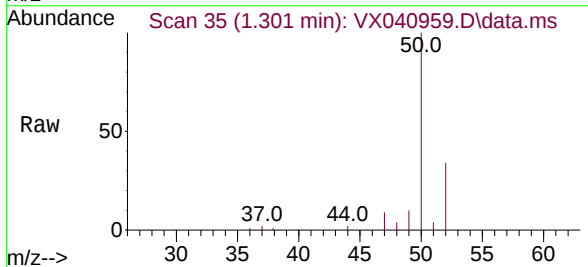
Instrument :
 MSVOA_X
 ClientSampleId :

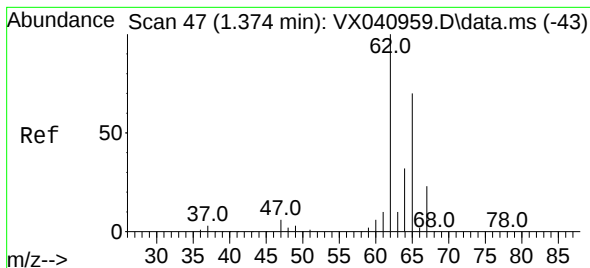
Tgt Ion: 85 Resp: 104416
 Ion Ratio Lower Upper
 85 100
 87 32.7 26.2 39.2



#3
 Chloromethane
 Concen: 50.904 ug/L
 RT: 1.301 min Scan# 35
 Delta R.T. 0.000 min
 Lab File: VX040959.D
 Acq: 10 Apr 2024 16:52

Tgt Ion: 50 Resp: 98531
 Ion Ratio Lower Upper
 50 100
 52 33.6 23.5 43.7





#5

Vinyl chloride

Concen: 51.662 ug/L

RT: 1.374 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX040959.D

Acq: 10 Apr 2024 16:52

Instrument :

MSVOA_X

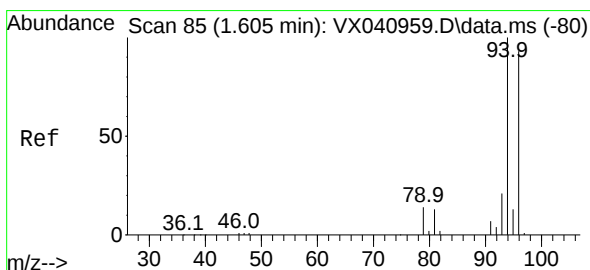
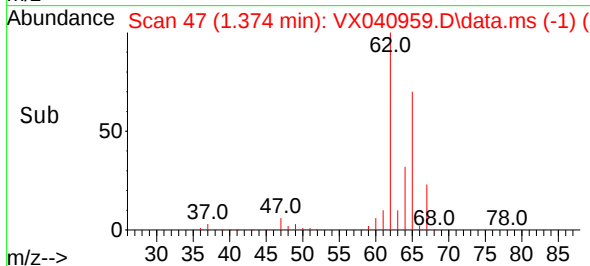
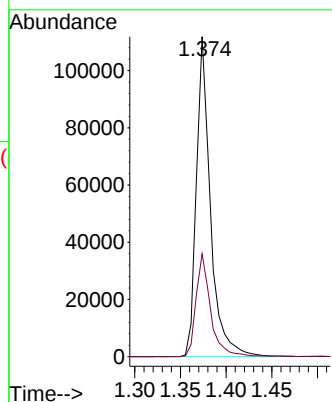
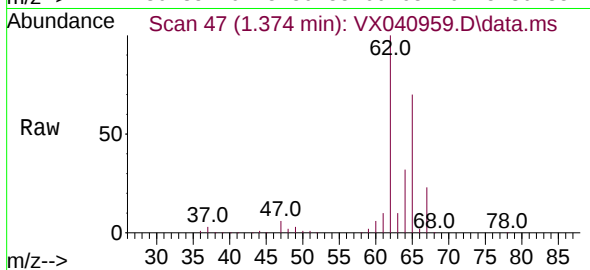
ClientSampleId :

Tgt Ion: 62 Resp: 120165

Ion Ratio Lower Upper

62 100

64 32.2 22.5 41.9



#6

Bromomethane

Concen: 56.262 ug/L

RT: 1.605 min Scan# 85

Delta R.T. 0.000 min

Lab File: VX040959.D

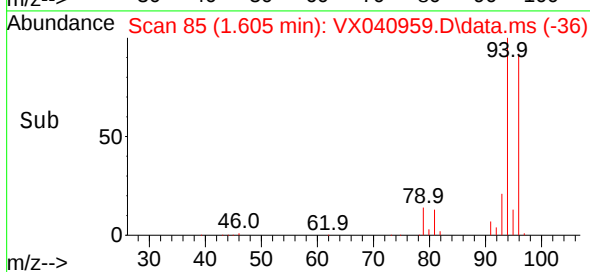
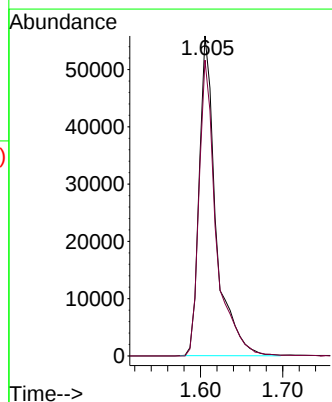
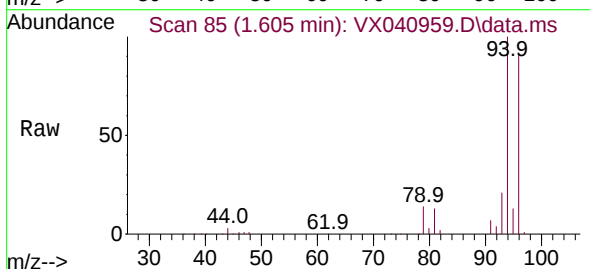
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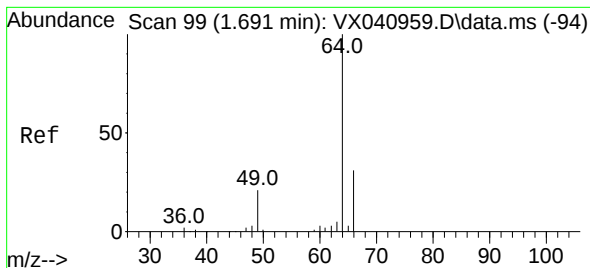
Tgt Ion: 94 Resp: 79120

Ion Ratio Lower Upper

94 100

96 92.5 64.8 120.3





#8

Chloroethane

Concen: 52.231 ug/L

RT: 1.691 min Scan# 99

Delta R.T. 0.000 min

Lab File: VX040959.D

Acq: 10 Apr 2024 16:52

Instrument :

MSVOA_X

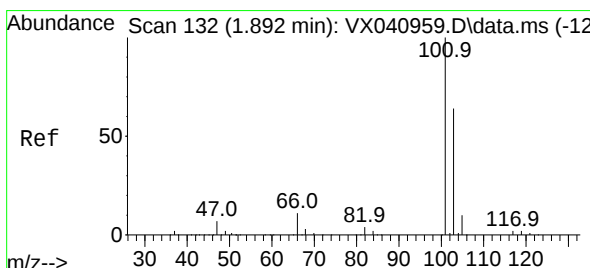
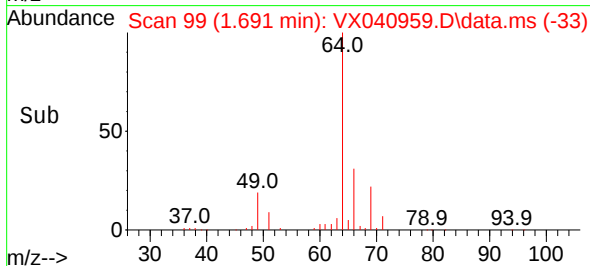
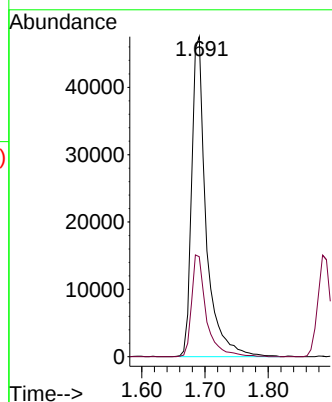
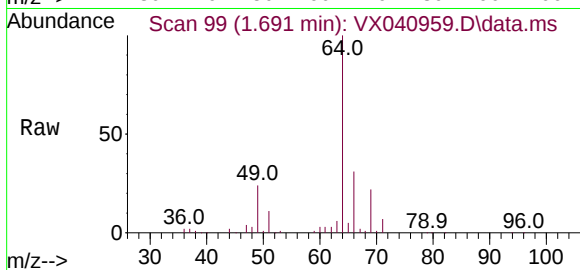
ClientSampleId :

Tgt Ion: 64 Resp: 75594

Ion Ratio Lower Upper

64 100

66 31.2 21.8 40.6



#9

Trichlorofluoromethane

Concen: 52.749 ug/L

RT: 1.892 min Scan# 132

Delta R.T. 0.000 min

Lab File: VX040959.D

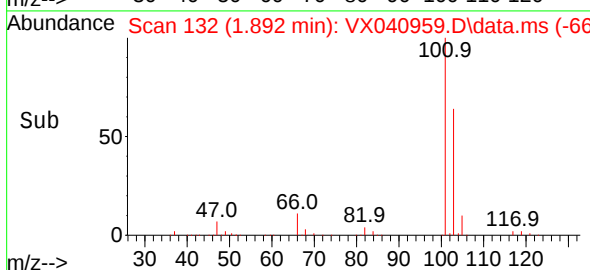
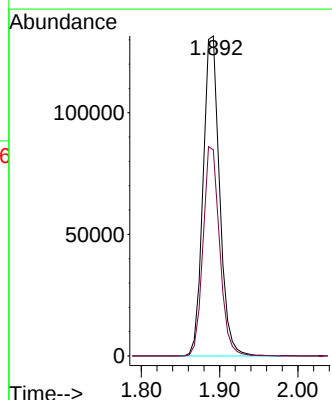
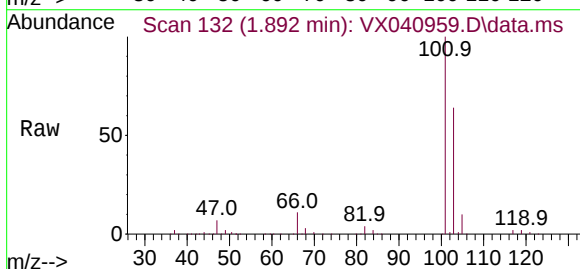
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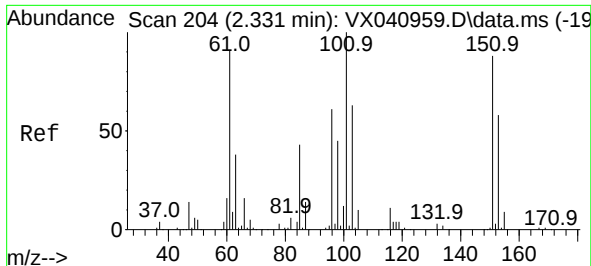
Tgt Ion:101 Resp: 193307

Ion Ratio Lower Upper

101 100

103 65.6 52.5 78.7

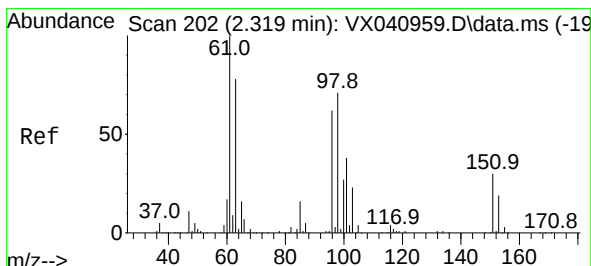
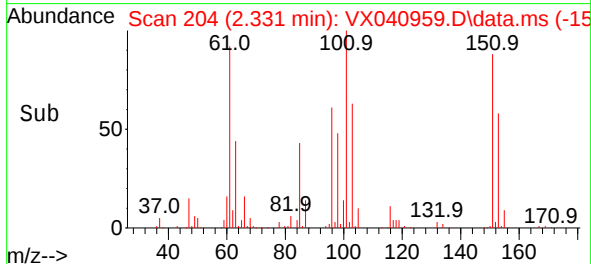
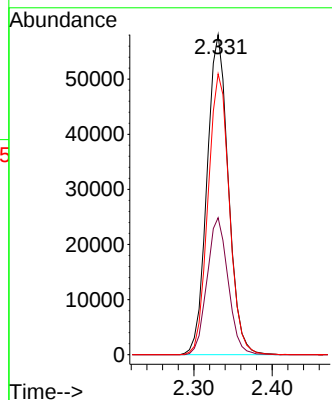
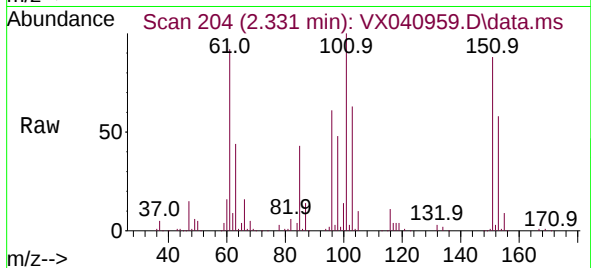




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 52.520 ug/L
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX040959.D
Acq: 10 Apr 2024 16:52

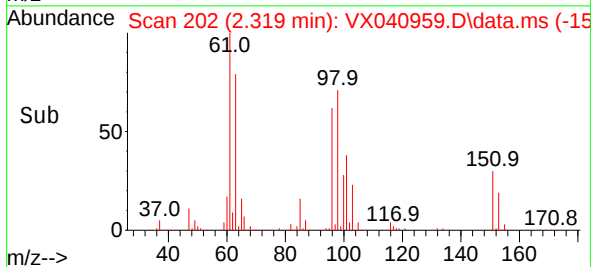
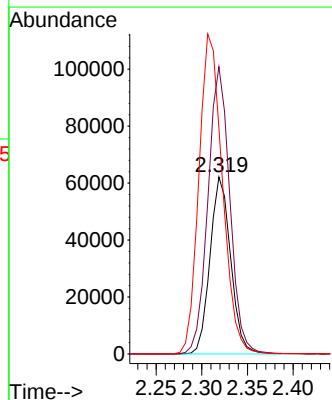
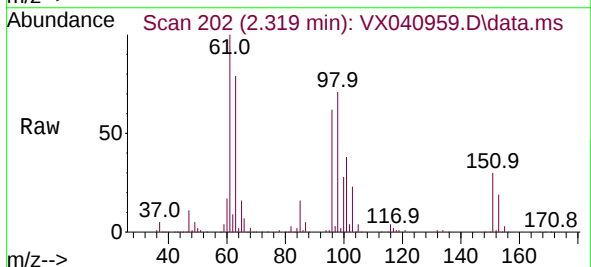
Instrument :
MSVOA_X
ClientSampleId :

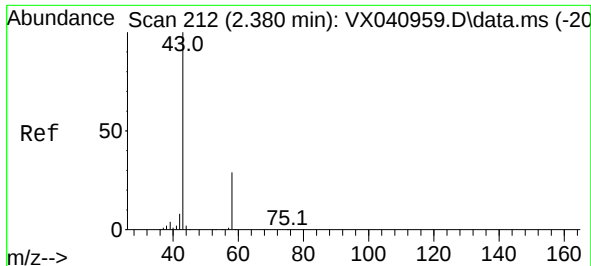
Tgt Ion:101 Resp: 109994
Ion Ratio Lower Upper
101 100
85 42.1 33.7 50.5
151 87.4 69.9 104.9



#12
1,1-Dichloroethene
Concen: 52.464 ug/L
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX040959.D
Acq: 10 Apr 2024 16:52

Tgt Ion: 96 Resp: 97588
Ion Ratio Lower Upper
96 100
61 162.3 113.6 211.0
63 127.6 89.3 165.9





#13

Acetone

Concen: 103.011 ug/L

RT: 2.380 min Scan# 212

Delta R.T. 0.000 min

Lab File: VX040959.D

Acq: 10 Apr 2024 16:52

Instrument :

MSVOA_X

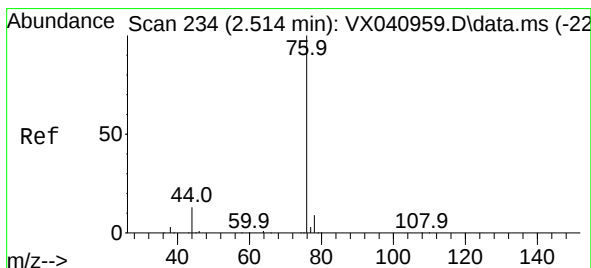
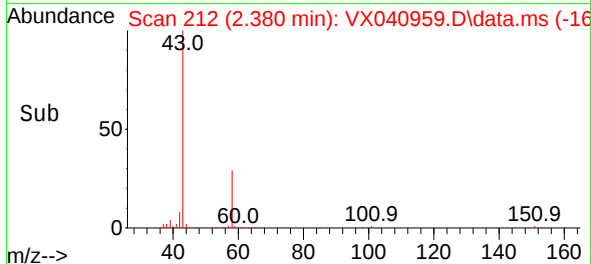
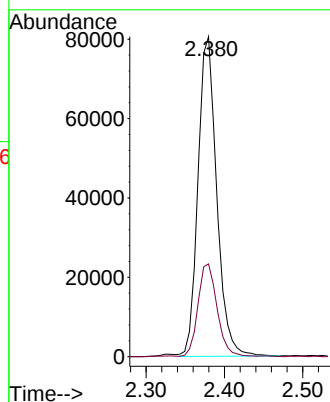
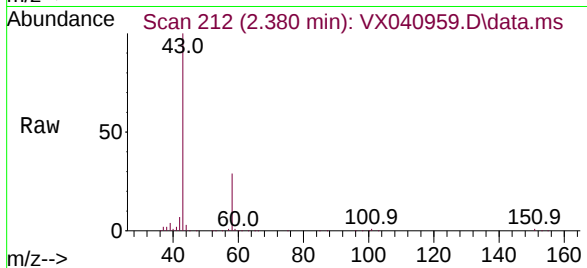
ClientSampleId :

Tgt Ion: 43 Resp: 133952

Ion Ratio Lower Upper

43 100

58 29.7 0.0 59.4



#14

Carbon disulfide

Concen: 52.015 ug/L

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX040959.D

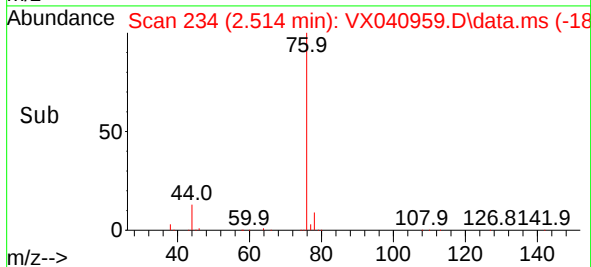
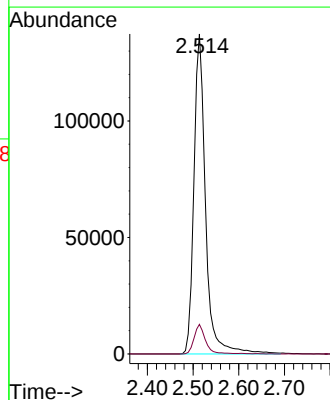
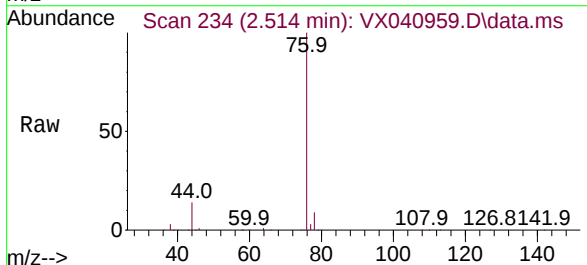
Acq: 10 Apr 2024 16:52

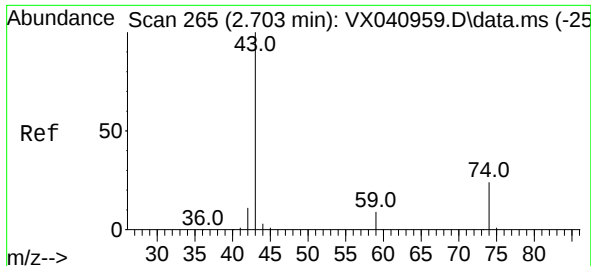
Tgt Ion: 76 Resp: 243141

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2





#15

Methyl Acetate

Concen: 51.699 ug/L

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX040959.D

Acq: 10 Apr 2024 16:52

Instrument :

MSVOA_X

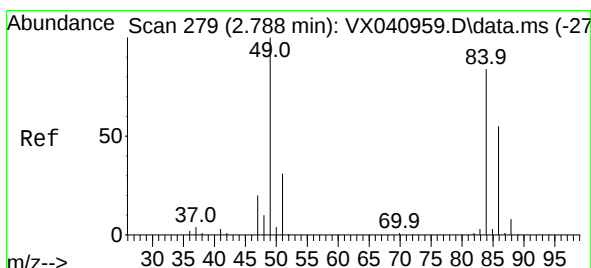
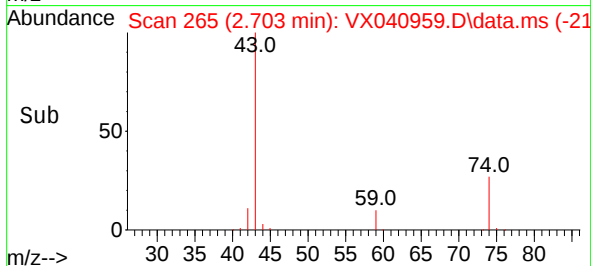
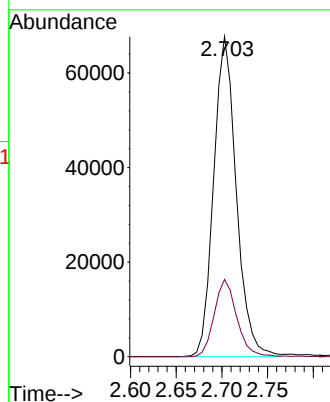
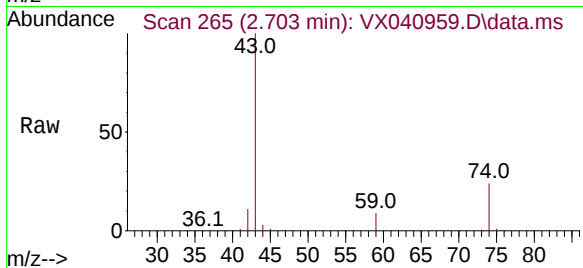
ClientSampleId :

Tgt Ion: 43 Resp: 116708

Ion Ratio Lower Upper

43 100

74 24.0 19.2 28.8



#16

Methylene chloride

Concen: 51.315 ug/L

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX040959.D

Acq: 10 Apr 2024 16:52

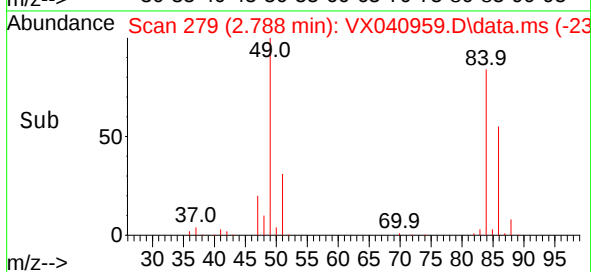
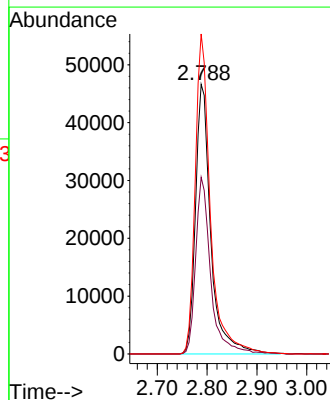
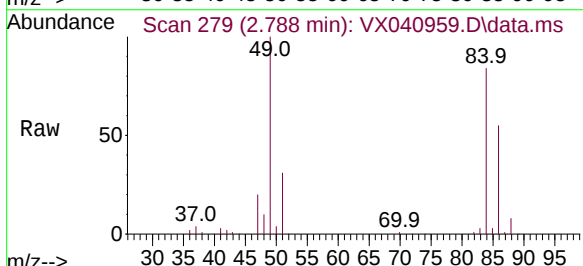
Tgt Ion: 84 Resp: 99487

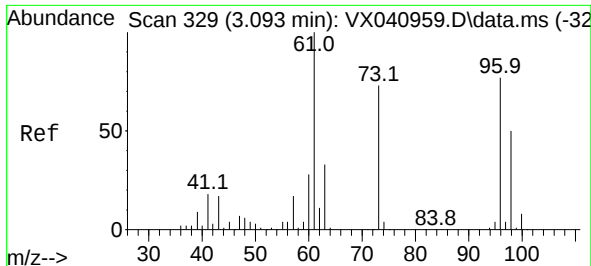
Ion Ratio Lower Upper

84 100

86 65.6 45.9 85.3

49 118.7 83.1 154.3





#17

trans-1,2-Dichloroethene

Concen: 52.136 ug/L

RT: 3.093 min Scan# 329

Delta R.T. 0.000 min

Lab File: VX040959.D

Acq: 10 Apr 2024 16:52

Instrument :

MSVOA_X

ClientSampleId :

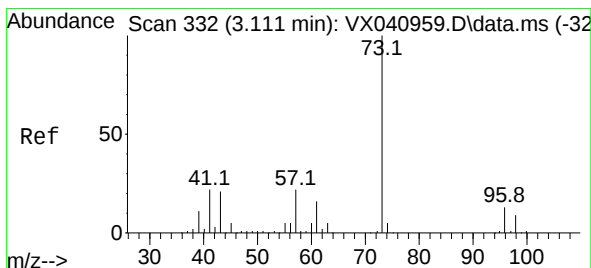
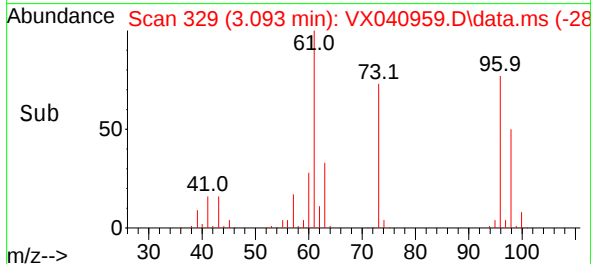
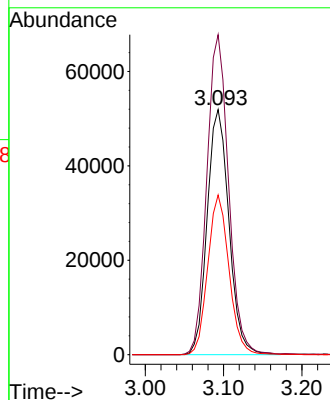
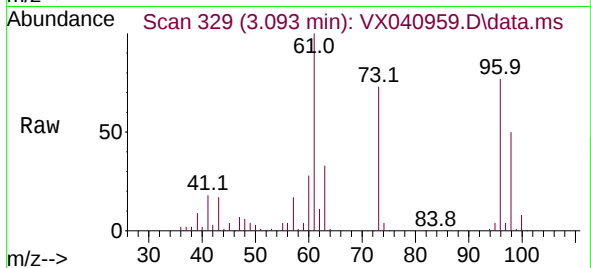
Tgt Ion: 96 Resp: 100385

Ion Ratio Lower Upper

96 100

61 130.6 91.4 169.8

98 65.1 45.6 84.6



#18

Methyl tert-butyl Ether

Concen: 52.304 ug/L

RT: 3.111 min Scan# 332

Delta R.T. 0.000 min

Lab File: VX040959.D

Acq: 10 Apr 2024 16:52

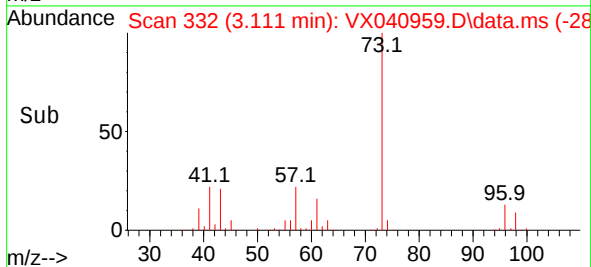
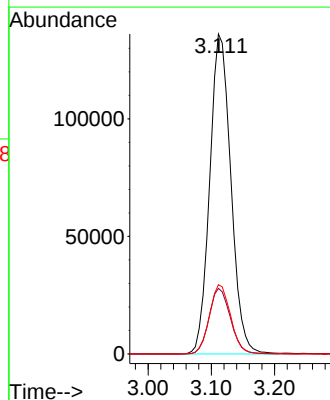
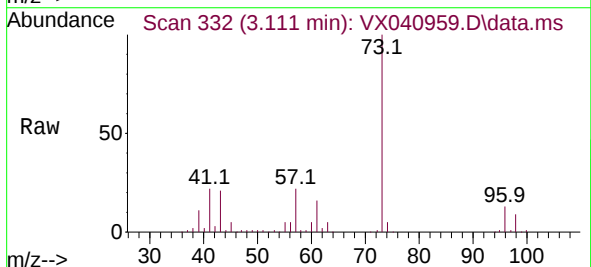
Tgt Ion: 73 Resp: 316104

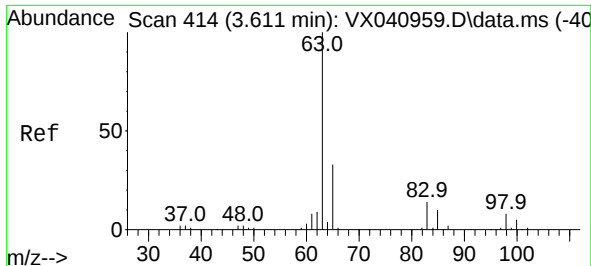
Ion Ratio Lower Upper

73 100

43 20.8 16.6 25.0

57 21.6 17.3 25.9





#19

1,1-Dichloroethane

Concen: 51.934 ug/L

RT: 3.611 min Scan# 414

Delta R.T. 0.000 min

Lab File: VX040959.D

Acq: 10 Apr 2024 16:52

Instrument :

MSVOA_X

ClientSampleId :

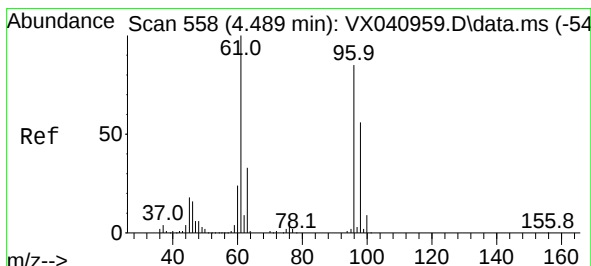
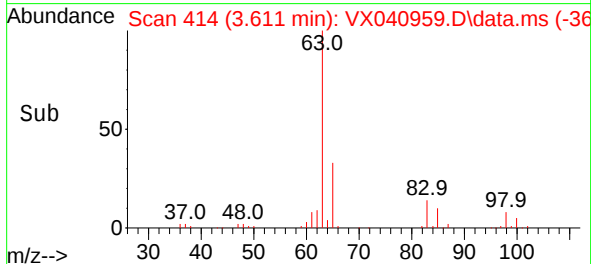
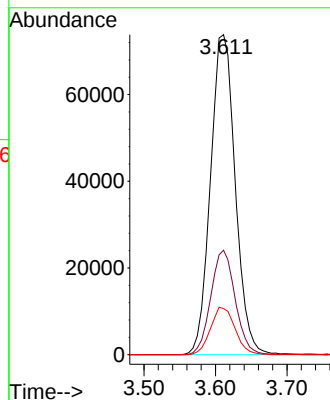
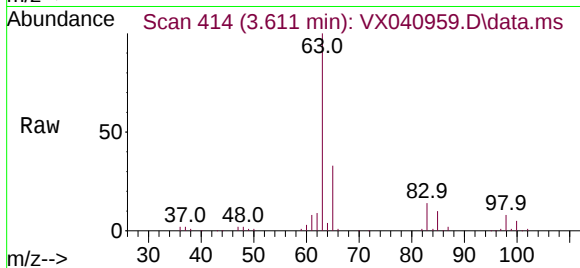
Tgt Ion: 63 Resp: 177609

Ion Ratio Lower Upper

63 100

65 32.7 22.9 42.5

83 14.4 10.1 18.7



#20

cis-1,2-Dichloroethene

Concen: 52.346 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX040959.D

Acq: 10 Apr 2024 16:52

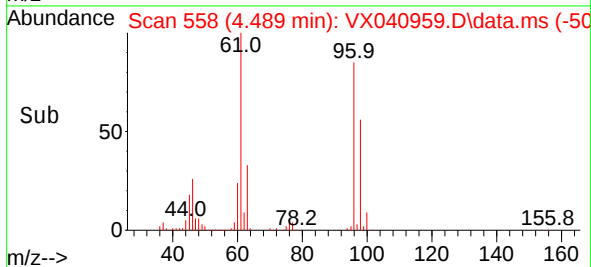
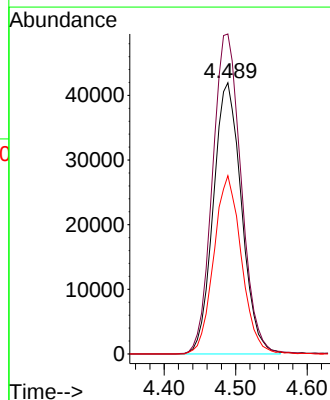
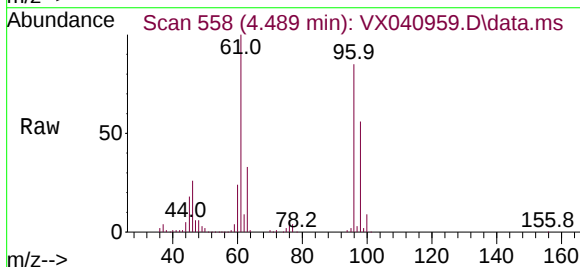
Tgt Ion: 96 Resp: 114829

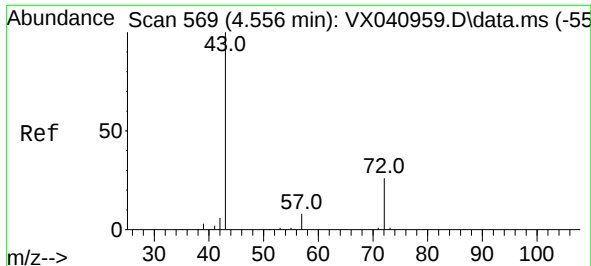
Ion Ratio Lower Upper

96 100

61 118.0 82.6 153.4

98 65.7 46.0 85.4





#22

2-Butanone

Concen: 103.511 ug/L

RT: 4.556 min Scan# 569

Delta R.T. 0.000 min

Lab File: VX040959.D

Acq: 10 Apr 2024 16:52

Instrument :

MSVOA_X

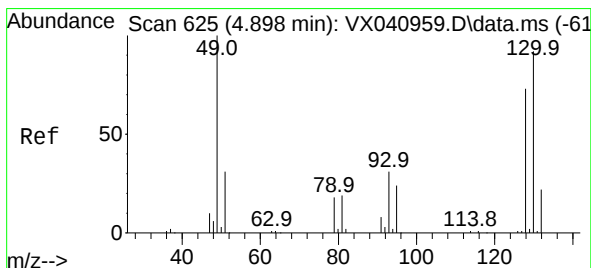
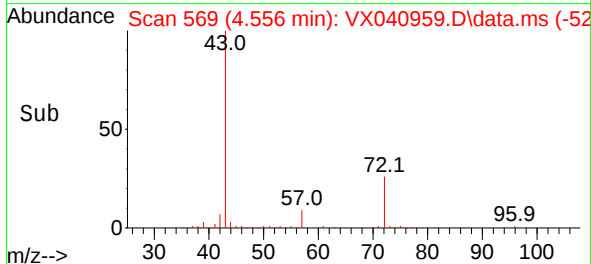
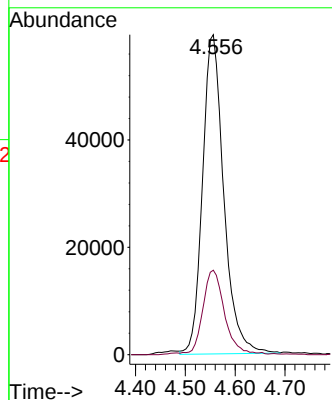
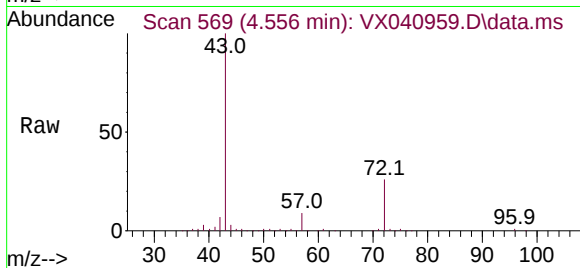
ClientSampleId :

Tgt Ion: 43 Resp: 176193

Ion Ratio Lower Upper

43 100

72 26.4 13.2 39.6



#23

Bromochloromethane

Concen: 53.429 ug/L

RT: 4.898 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX040959.D

Acq: 10 Apr 2024 16:52

Tgt Ion:128 Resp: 63717

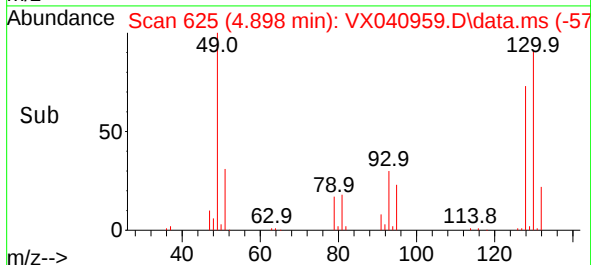
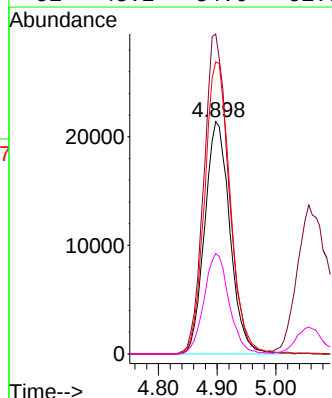
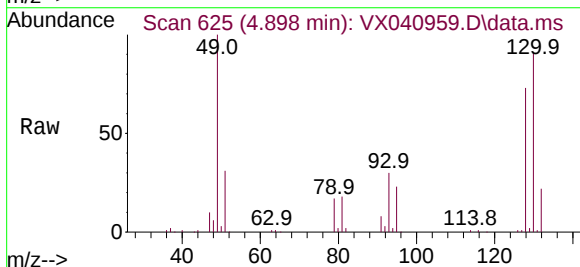
Ion Ratio Lower Upper

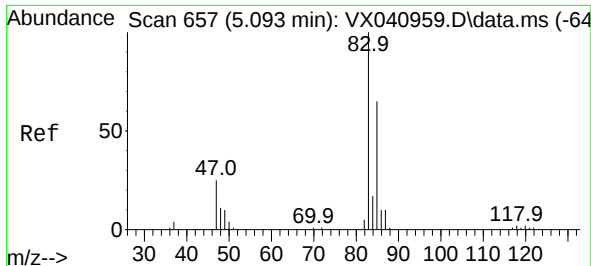
128 100

49 137.7 96.4 179.0

130 125.6 87.9 163.3

51 43.2 34.6 51.8





#25

Chloroform

Concen: 52.049 ug/L

RT: 5.093 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX040959.D

Acq: 10 Apr 2024 16:52

Instrument :

MSVOA_X

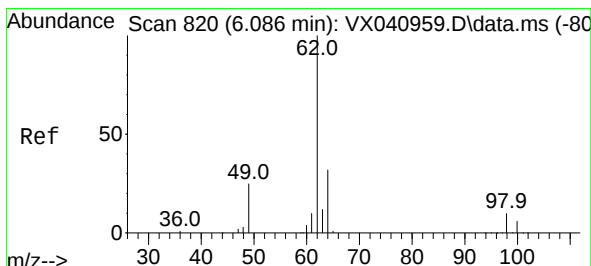
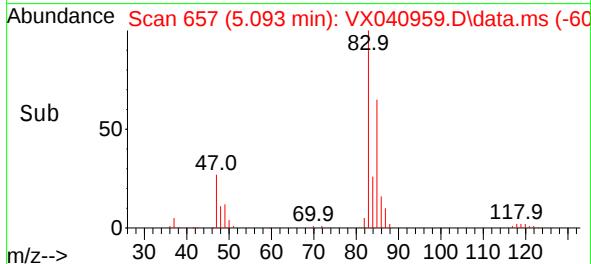
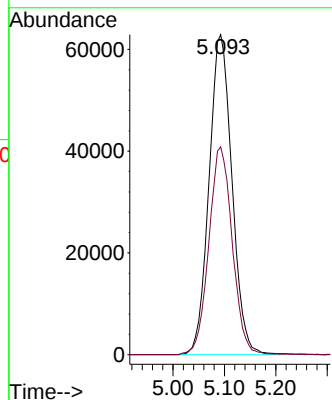
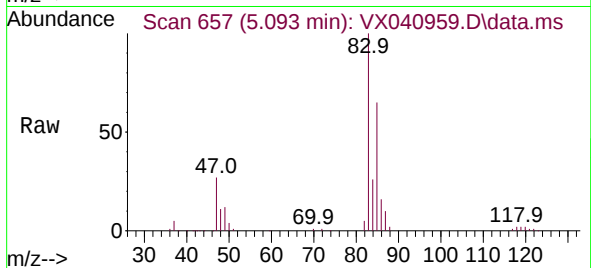
ClientSampleId :

Tgt Ion: 83 Resp: 195075

Ion Ratio Lower Upper

83 100

85 64.9 45.4 84.4



#27

1,2-Dichloroethane

Concen: 52.635 ug/L

RT: 6.086 min Scan# 820

Delta R.T. 0.000 min

Lab File: VX040959.D

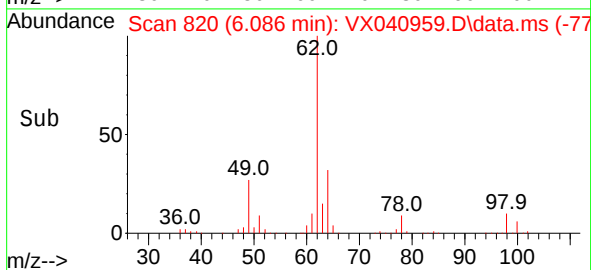
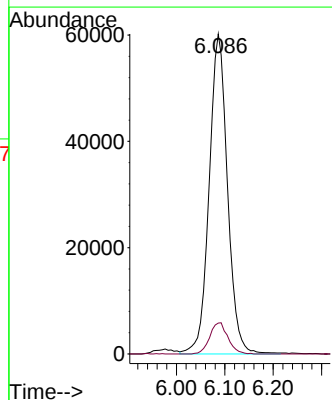
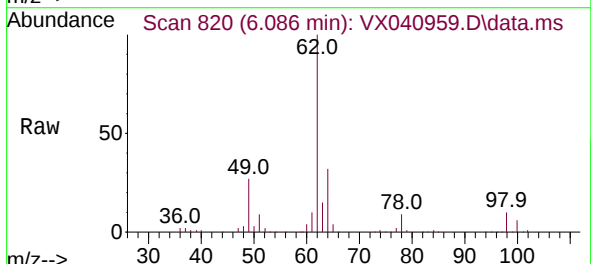
Acq: 10 Apr 2024 16:52

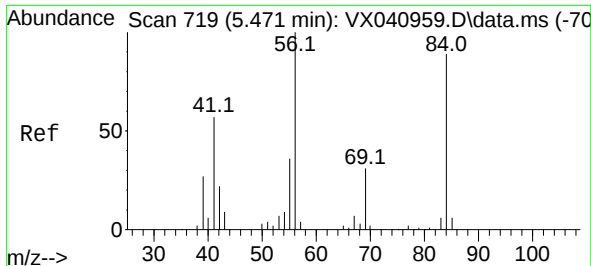
Tgt Ion: 62 Resp: 158557

Ion Ratio Lower Upper

62 100

98 9.6 7.7 11.5





#29

Cyclohexane

Concen: 53.454 ug/L

RT: 5.471 min Scan# 719

Delta R.T. 0.000 min

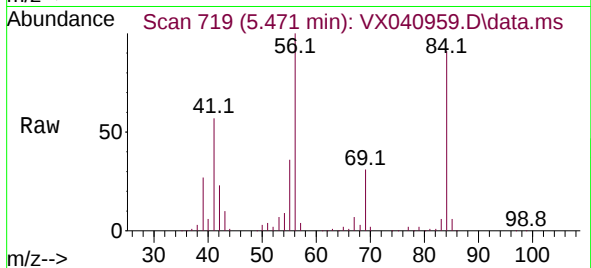
Lab File: VX040959.D

Acq: 10 Apr 2024 16:52

Instrument :

MSVOA_X

ClientSampleId :



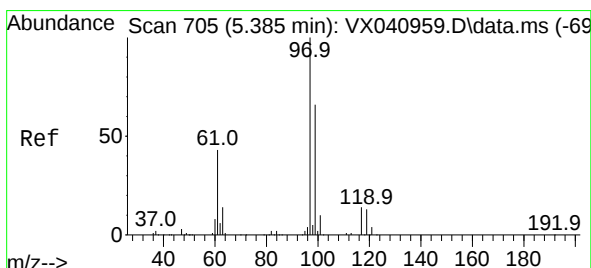
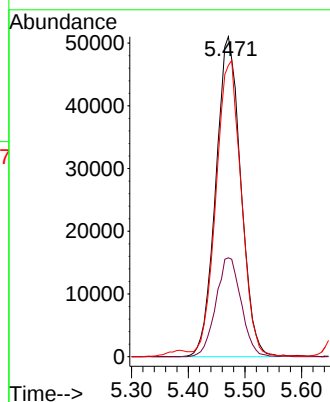
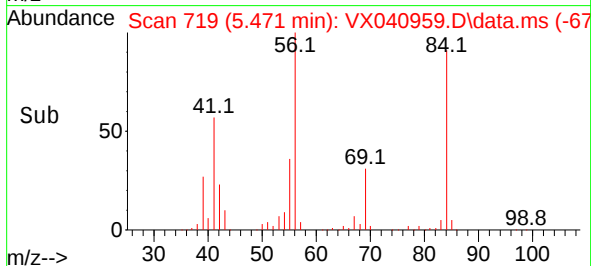
Tgt Ion: 56 Resp: 156353

Ion Ratio Lower Upper

56 100

69 31.2 25.0 37.4

84 93.6 74.9 112.3



#30

1,1,1-Trichloroethane

Concen: 53.035 ug/L

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX040959.D

Acq: 10 Apr 2024 16:52

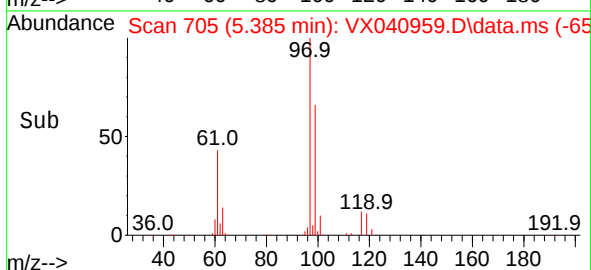
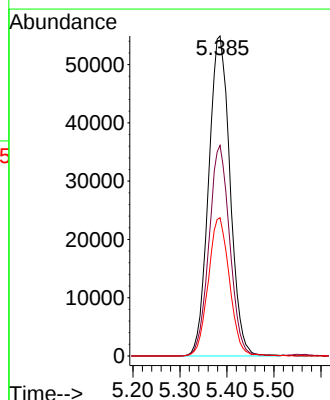
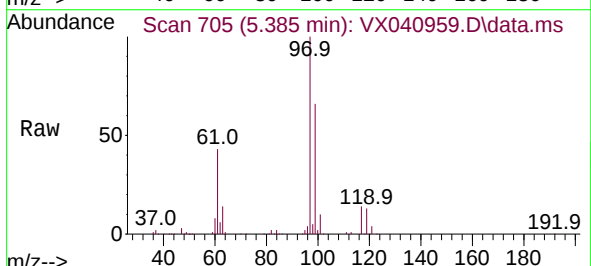
Tgt Ion: 97 Resp: 173528

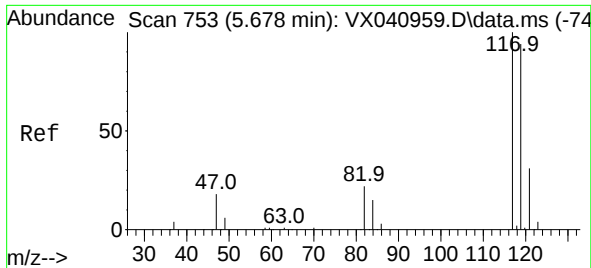
Ion Ratio Lower Upper

97 100

99 63.7 51.0 76.4

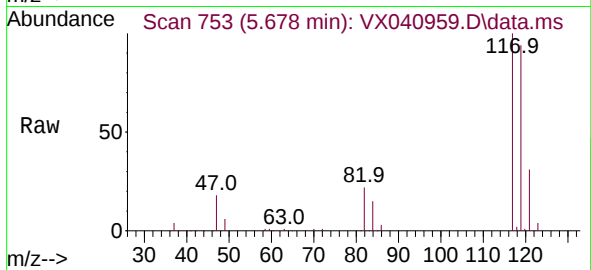
61 42.5 34.0 51.0



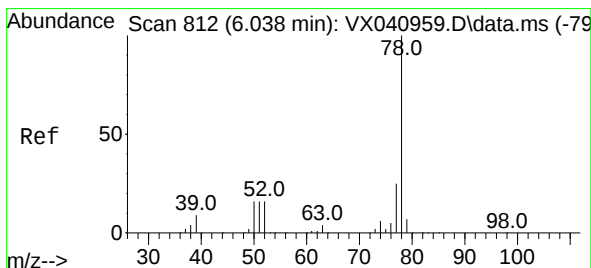
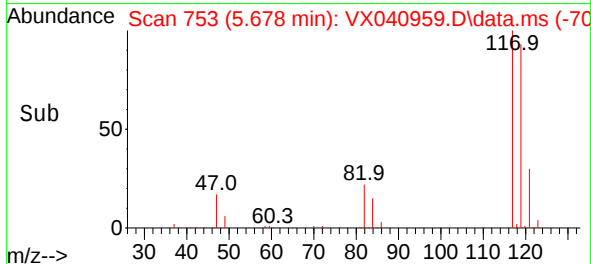
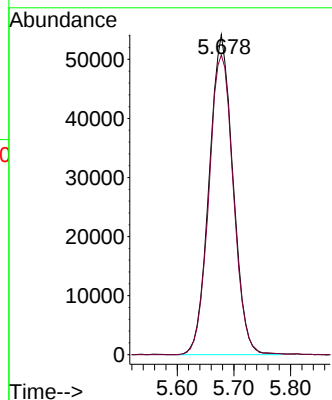


#31
Carbon tetrachloride
Concen: 53.049 ug/L
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX040959.D
Acq: 10 Apr 2024 16:52

Instrument :
MSVOA_X
ClientSampleId :

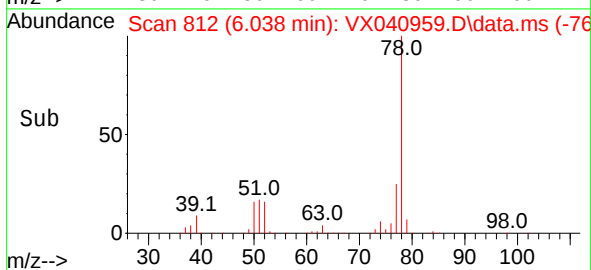
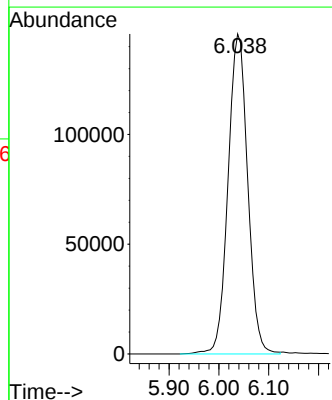
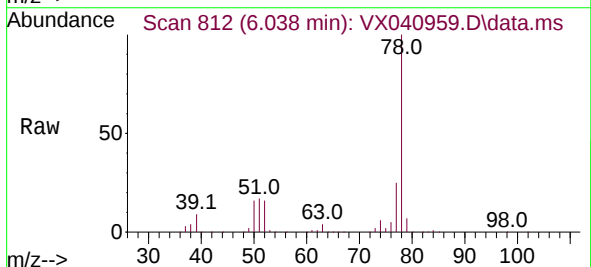


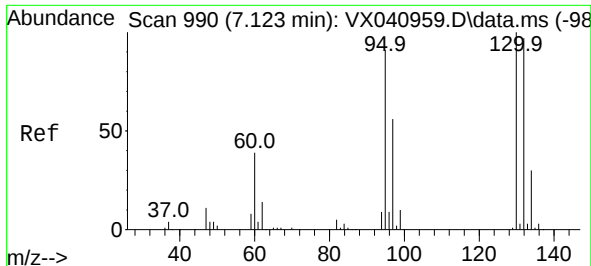
Tgt Ion:117 Resp: 158176
Ion Ratio Lower Upper
117 100
119 96.0 76.8 115.2



#33
Benzene
Concen: 52.617 ug/L
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX040959.D
Acq: 10 Apr 2024 16:52

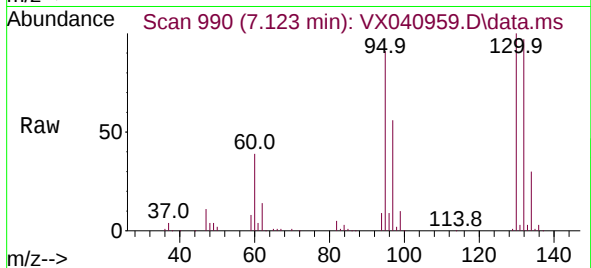
Tgt Ion: 78 Resp: 398585



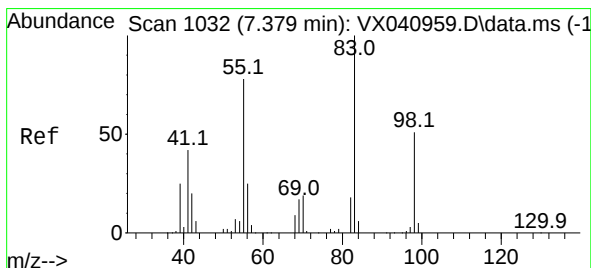
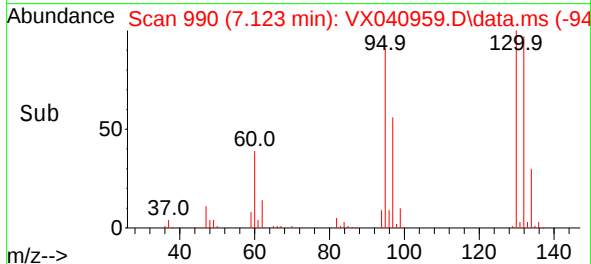
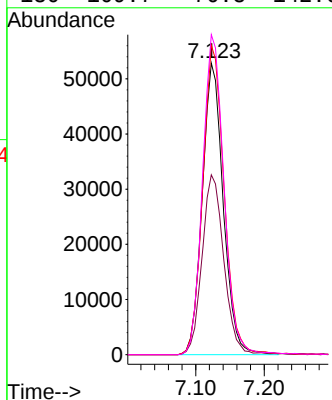


#34
Trichloroethene
Concen: 52.005 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX040959.D
Acq: 10 Apr 2024 16:52

Instrument :
MSVOA_X
ClientSampleId :

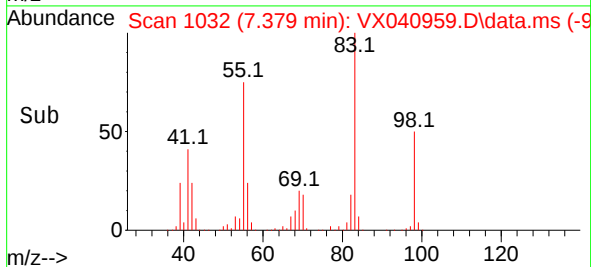
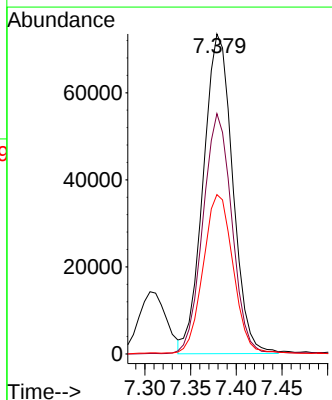
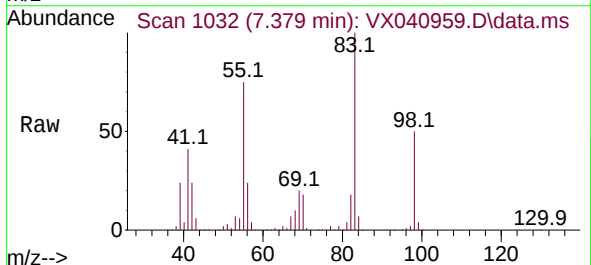


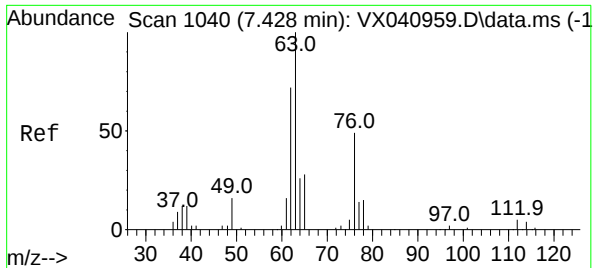
Tgt Ion: 95 Resp: 113009
Ion Ratio Lower Upper
95 100
97 61.7 43.2 80.2
132 106.2 74.3 138.1
130 109.7 76.8 142.6



#35
Methylcyclohexane
Concen: 53.377 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX040959.D
Acq: 10 Apr 2024 16:52

Tgt Ion: 83 Resp: 164500
Ion Ratio Lower Upper
83 100
55 73.6 58.9 88.3
98 51.1 40.9 61.3

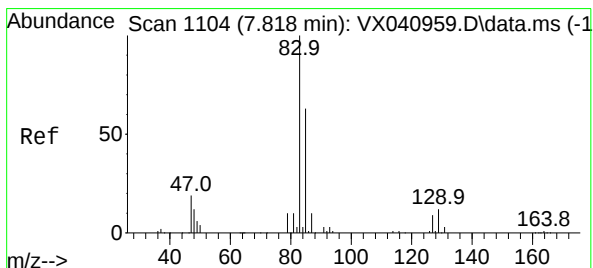
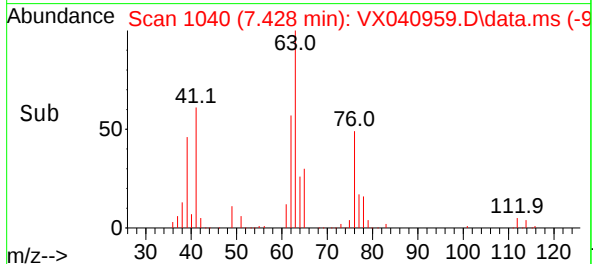
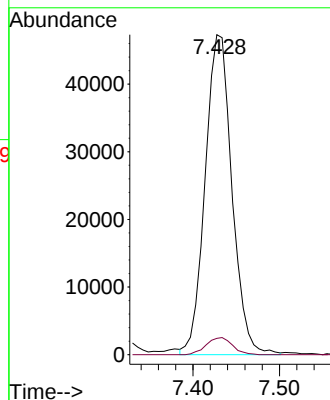
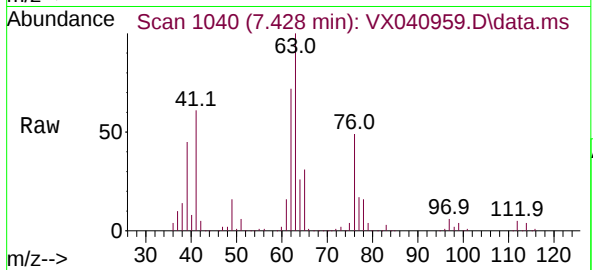




#37
1,2-Dichloropropane
Concen: 51.938 ug/L
RT: 7.428 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX040959.D
Acq: 10 Apr 2024 16:52

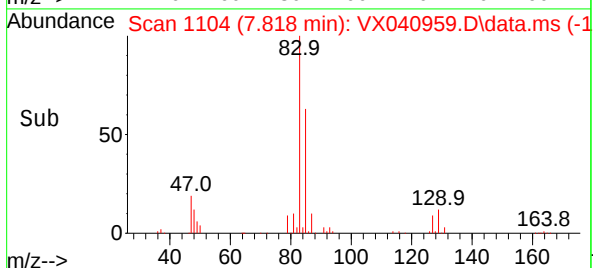
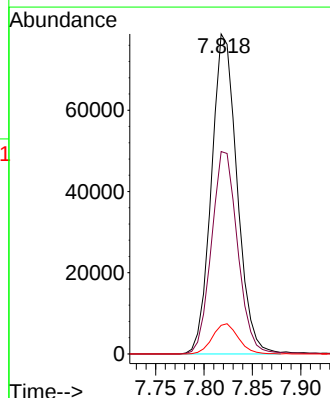
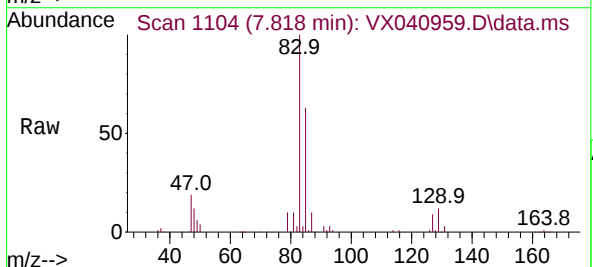
Instrument :
MSVOA_X
ClientSampleId :

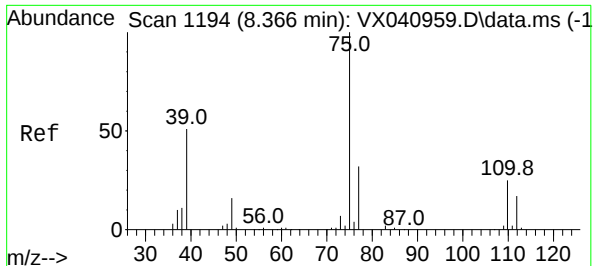
Tgt Ion: 63 Resp: 101839
Ion Ratio Lower Upper
63 100
112 5.2 4.2 6.2



#38
Bromodichloromethane
Concen: 52.878 ug/L
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX040959.D
Acq: 10 Apr 2024 16:52

Tgt Ion: 83 Resp: 145353
Ion Ratio Lower Upper
83 100
85 63.3 44.3 82.3
127 9.0 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 52.918 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX040959.D

Acq: 10 Apr 2024 16:52

Instrument :

MSVOA_X

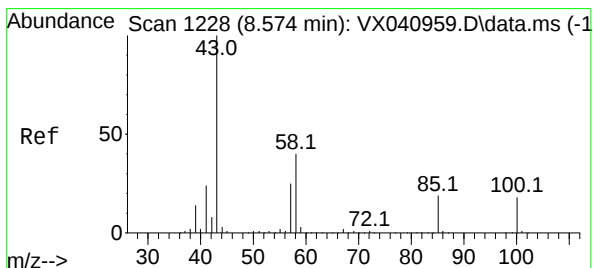
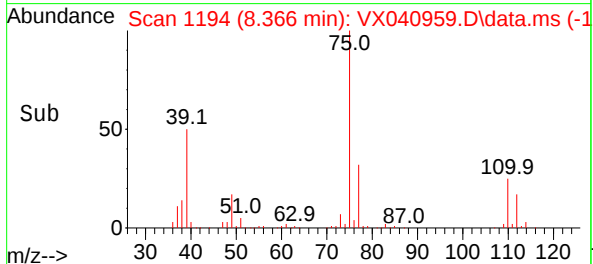
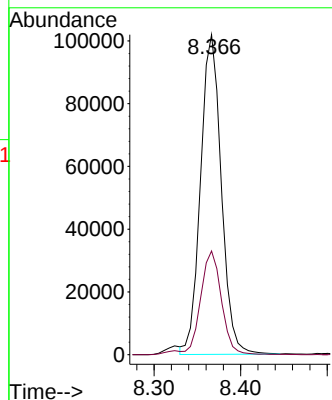
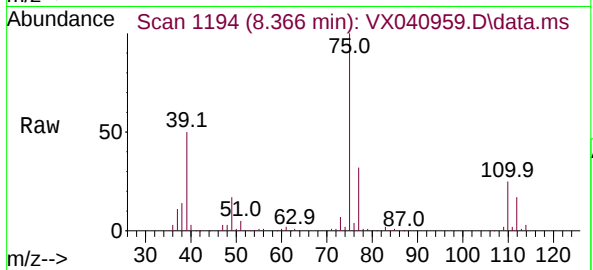
ClientSampleId :

Tgt Ion: 75 Resp: 169525

Ion Ratio Lower Upper

75 100

77 32.4 22.7 42.1



#40

4-Methyl-2-pentanone

Concen: 107.814 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX040959.D

Acq: 10 Apr 2024 16:52

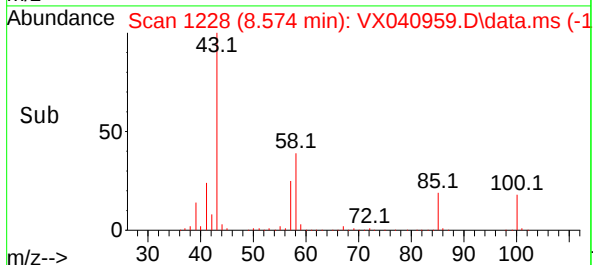
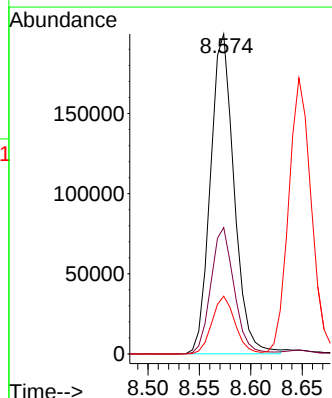
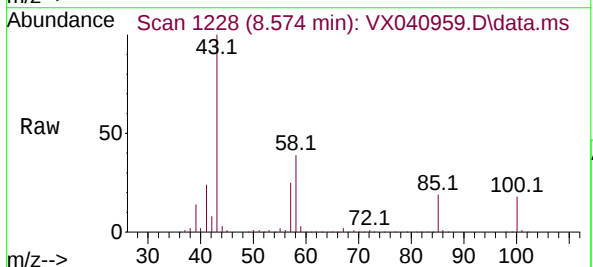
Tgt Ion: 43 Resp: 320158

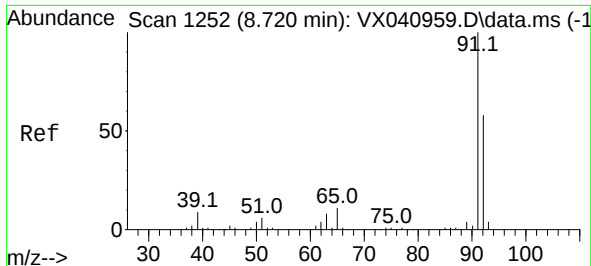
Ion Ratio Lower Upper

43 100

58 38.9 31.1 46.7

100 17.7 14.2 21.2





#42

Toluene

Concen: 53.043 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX040959.D

Acq: 10 Apr 2024 16:52

Instrument :

MSVOA_X

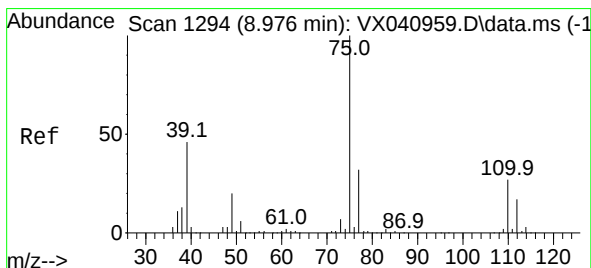
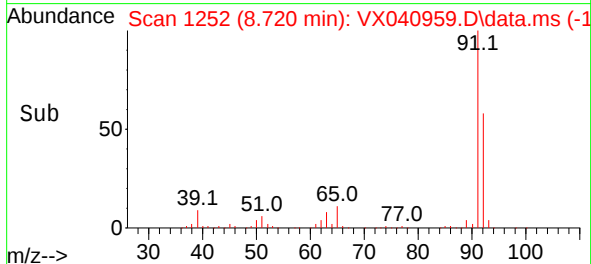
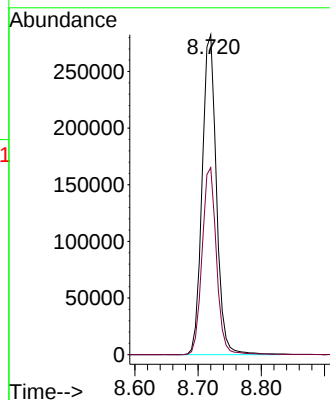
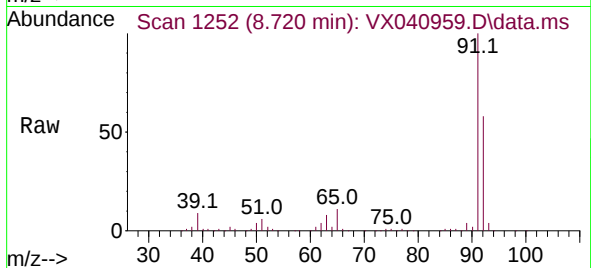
ClientSampleId :

Tgt Ion: 91 Resp: 444982

Ion Ratio Lower Upper

91 100

92 58.5 40.9 76.0



#44

trans-1,3-Dichloropropene

Concen: 53.682 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX040959.D

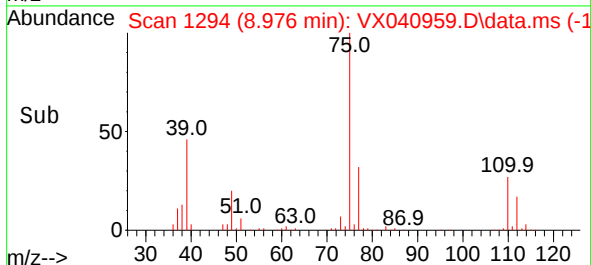
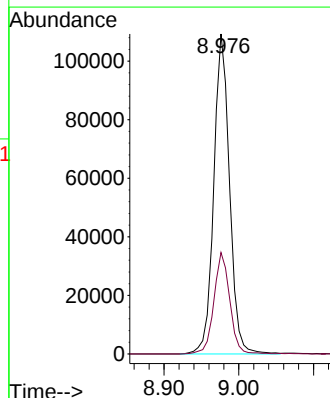
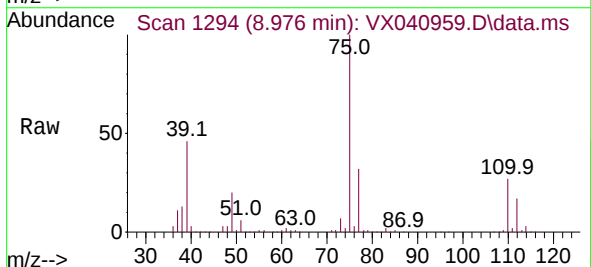
Acq: 10 Apr 2024 16:52

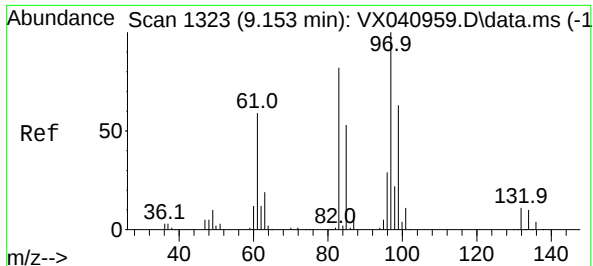
Tgt Ion: 75 Resp: 160715

Ion Ratio Lower Upper

75 100

77 31.7 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 51.829 ug/L

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX040959.D

Acq: 10 Apr 2024 16:52

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 110387

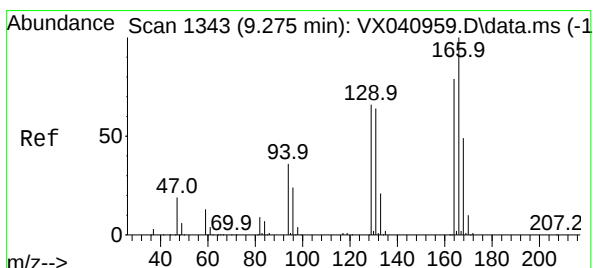
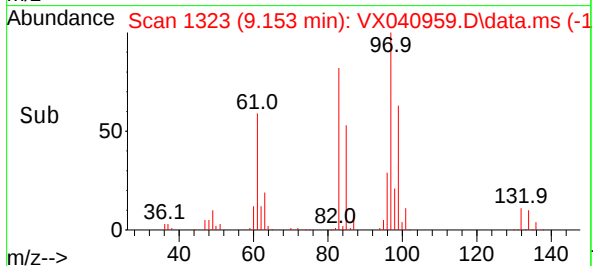
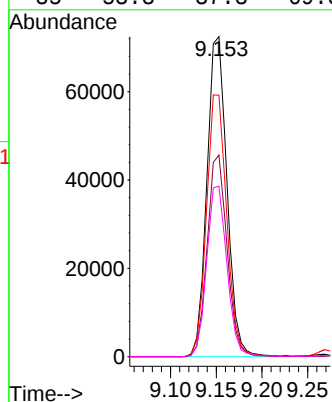
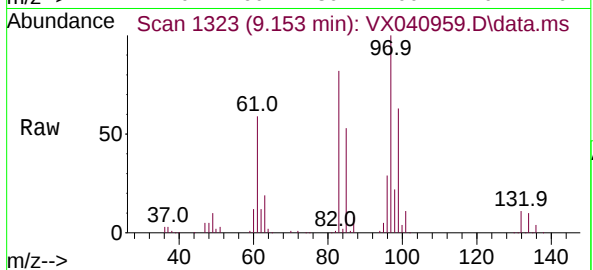
Ion Ratio Lower Upper

97 100

99 63.0 44.1 81.9

83 81.7 57.2 106.2

85 53.3 37.3 69.3



#46

Tetrachloroethene

Concen: 52.761 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX040959.D

Acq: 10 Apr 2024 16:52

Tgt Ion:164 Resp: 107982

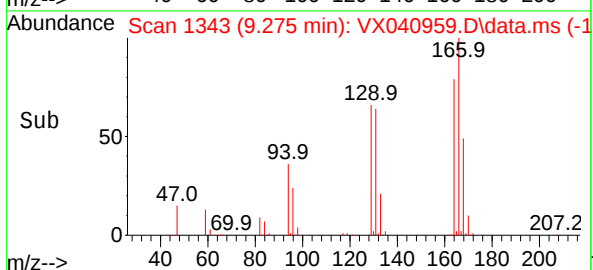
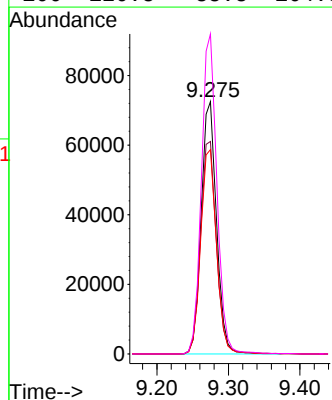
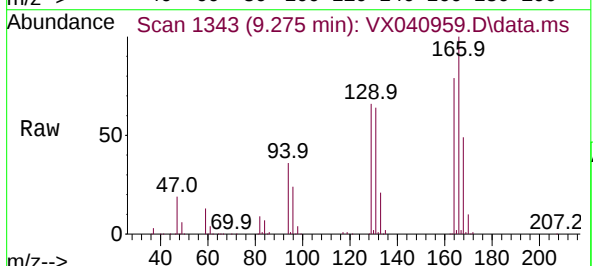
Ion Ratio Lower Upper

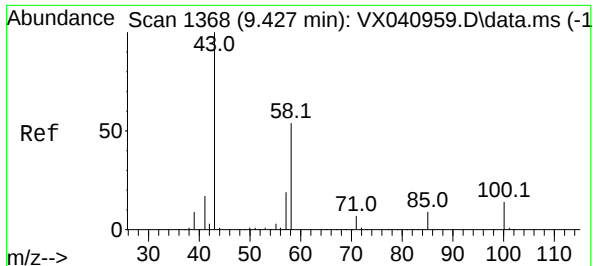
164 100

129 84.2 58.9 109.5

131 80.9 56.6 105.2

166 126.8 88.8 164.8



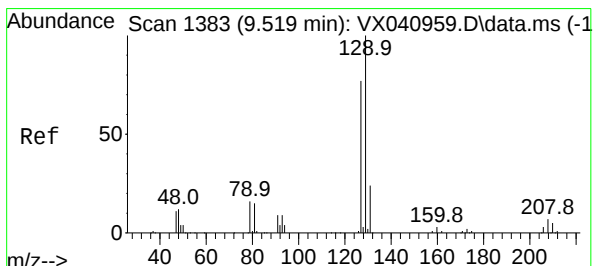
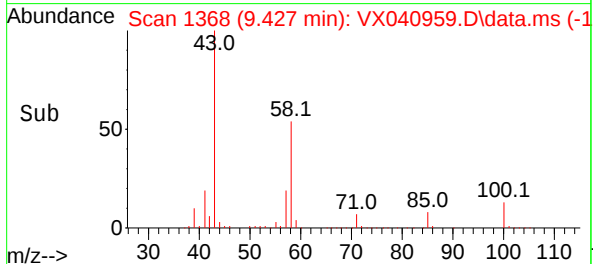
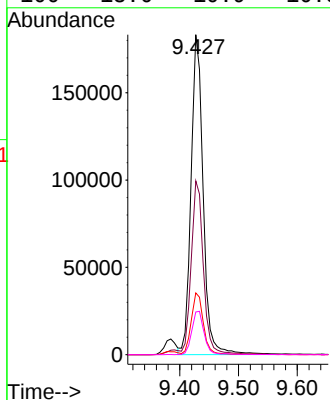
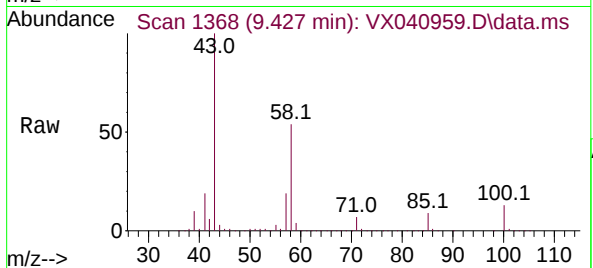


#48
2-Hexanone
Concen: 109.633 ug/L
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX040959.D
Acq: 10 Apr 2024 16:52

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 263015

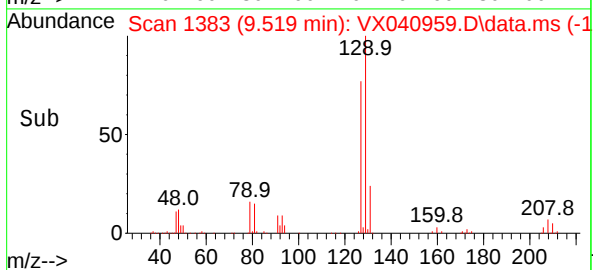
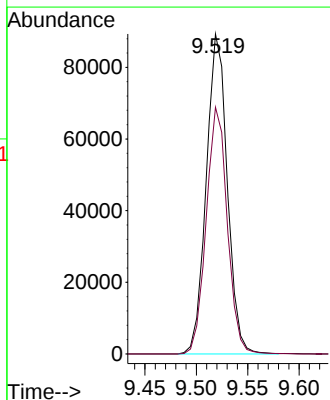
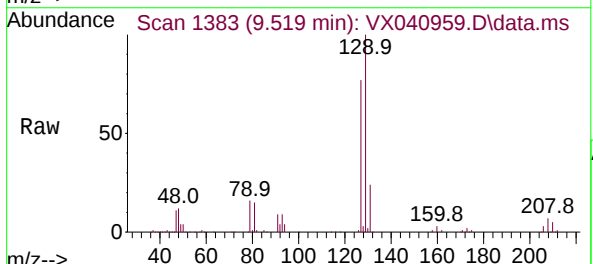
Ion	Ratio	Lower	Upper
43	100		
58	54.0	43.2	64.8
57	19.3	15.4	23.2
100	13.6	10.9	16.3

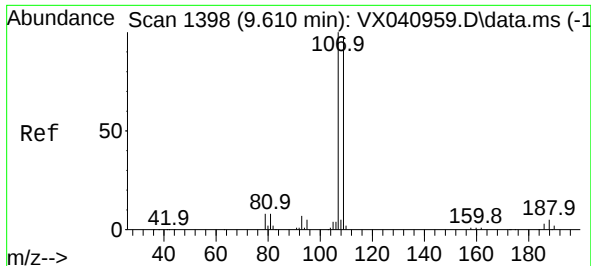


#49
Dibromochloromethane
Concen: 53.018 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX040959.D
Acq: 10 Apr 2024 16:52

Tgt Ion: 129 Resp: 127357

Ion	Ratio	Lower	Upper
129	100		
127	77.1	54.0	100.2





#50

1,2-Dibromoethane

Concen: 52.765 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX040959.D

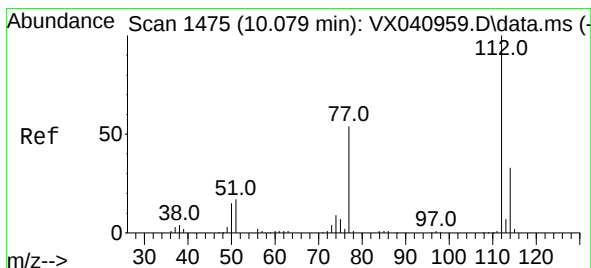
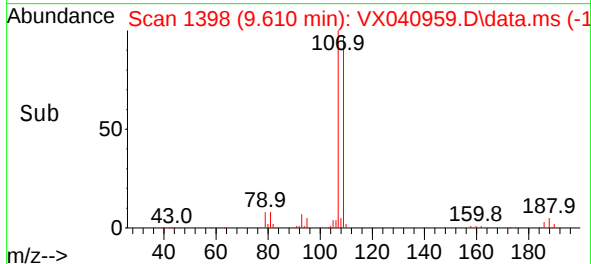
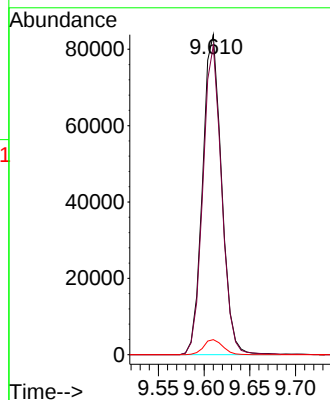
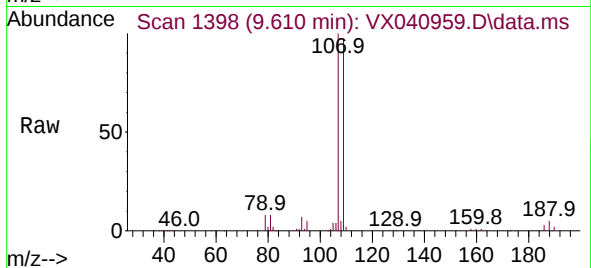
Acq: 10 Apr 2024 16:52

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:107	Resp:	121234
Ion	Ratio	Lower Upper
107	100	
109	96.7	67.7 125.7
188	4.7	3.8 5.6



#51

Chlorobenzene

Concen: 52.225 ug/L

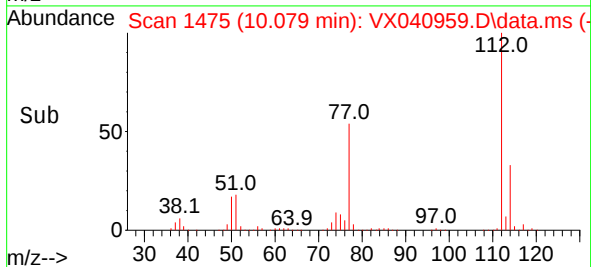
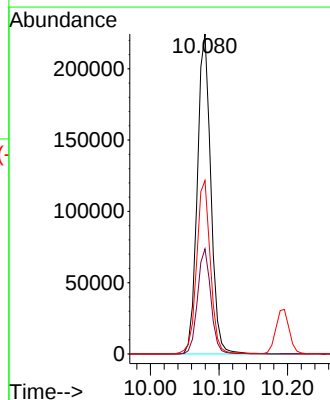
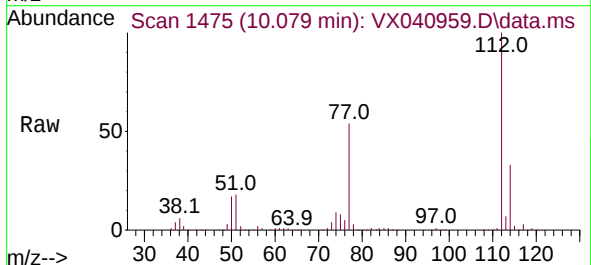
RT: 10.079 min Scan# 1475

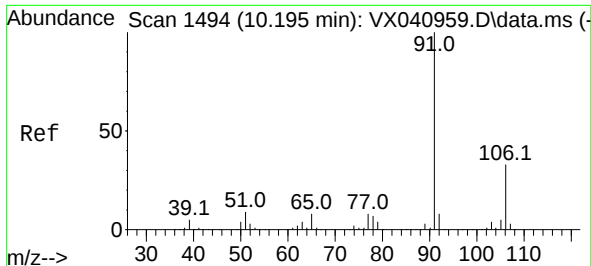
Delta R.T. 0.000 min

Lab File: VX040959.D

Acq: 10 Apr 2024 16:52

Tgt Ion:112	Resp:	307033
Ion	Ratio	Lower Upper
112	100	
114	32.9	23.0 42.8
77	54.2	43.4 65.0





#52

Ethylbenzene

Concen: 52.831 ug/L

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX040959.D

Acq: 10 Apr 2024 16:52

Instrument :

MSVOA_X

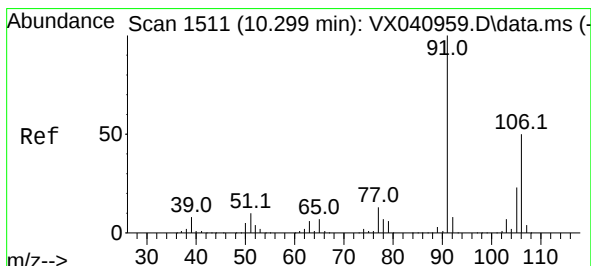
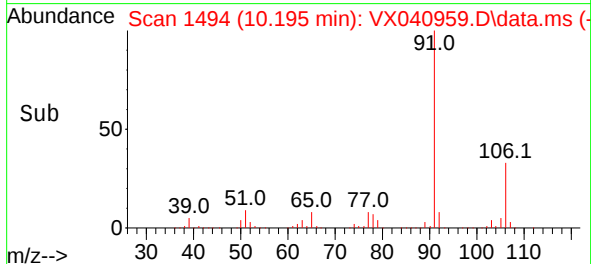
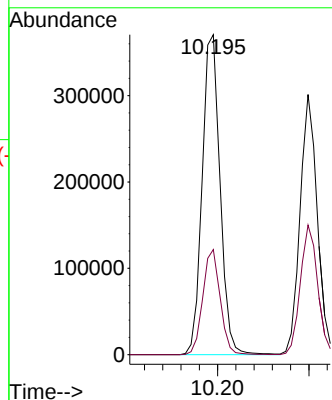
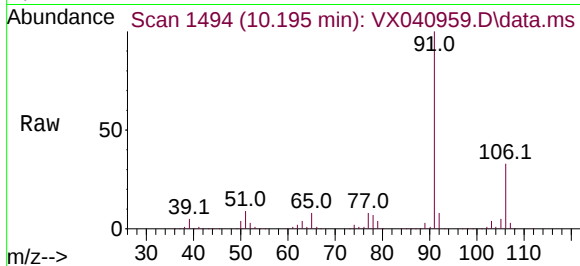
ClientSampleId :

Tgt Ion: 91 Resp: 502869

Ion Ratio Lower Upper

91 100

106 32.9 23.0 42.8



#53

m,p-Xylene

Concen: 52.545 ug/L

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX040959.D

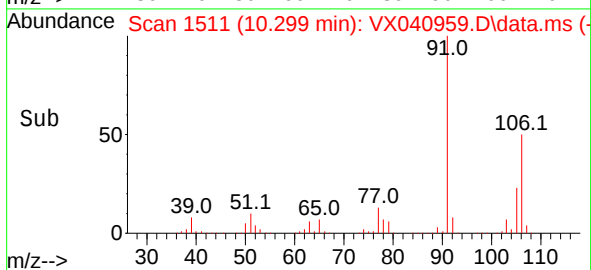
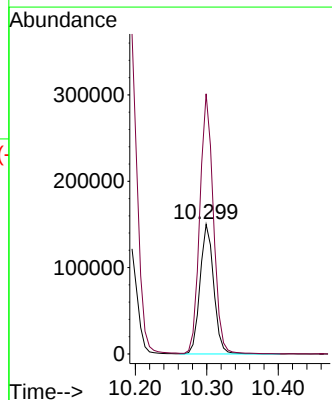
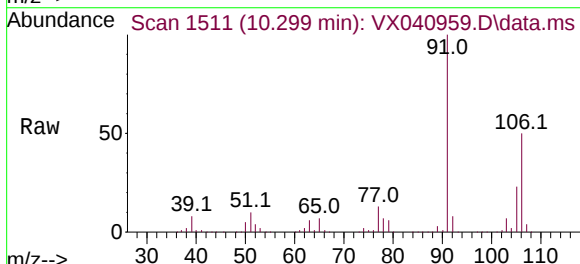
Acq: 10 Apr 2024 16:52

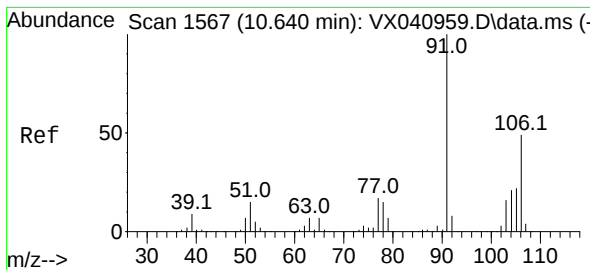
Tgt Ion:106 Resp: 199420

Ion Ratio Lower Upper

106 100

91 200.6 140.4 260.8





#54

o-Xylene

Concen: 53.066 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX040959.D

Acq: 10 Apr 2024 16:52

Instrument :

MSVOA_X

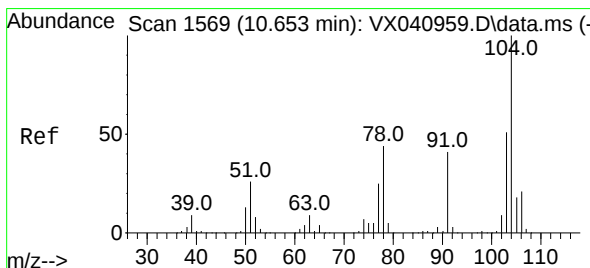
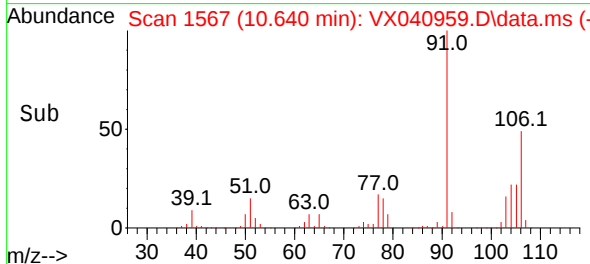
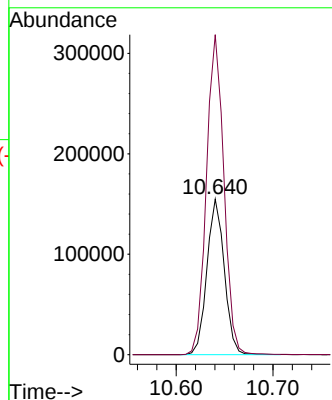
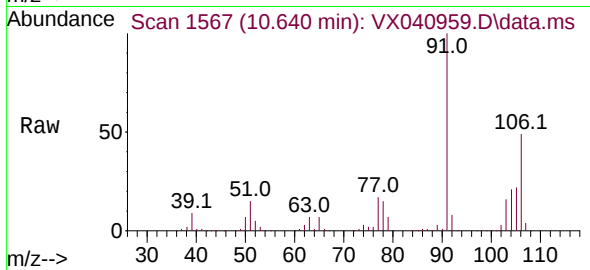
ClientSampleId :

Tgt Ion:106 Resp: 194221

Ion Ratio Lower Upper

106 100

91 205.7 144.0 267.4



#55

Styrene

Concen: 53.414 ug/L

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX040959.D

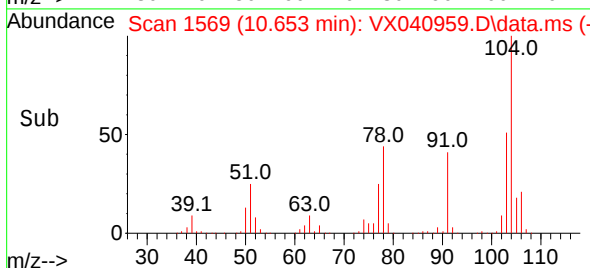
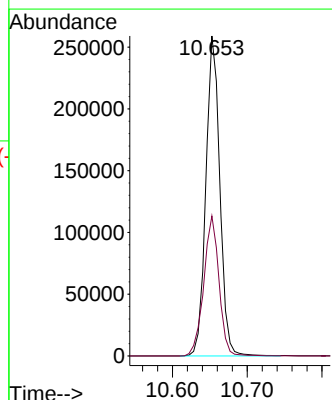
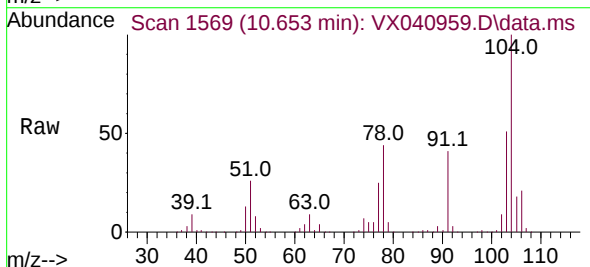
Acq: 10 Apr 2024 16:52

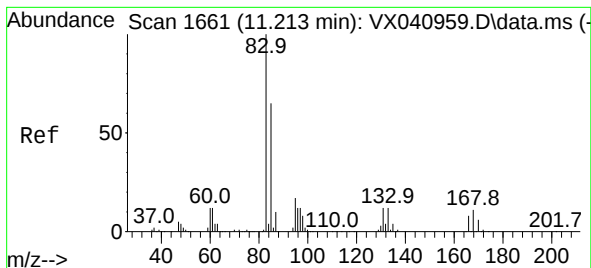
Tgt Ion:104 Resp: 336102

Ion Ratio Lower Upper

104 100

78 43.8 30.7 56.9

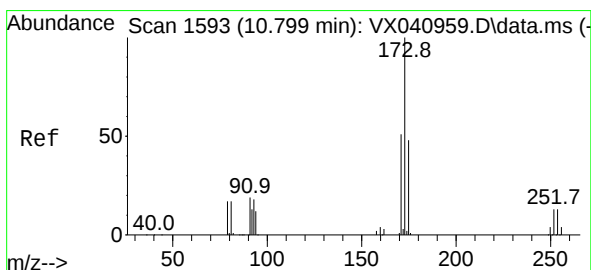
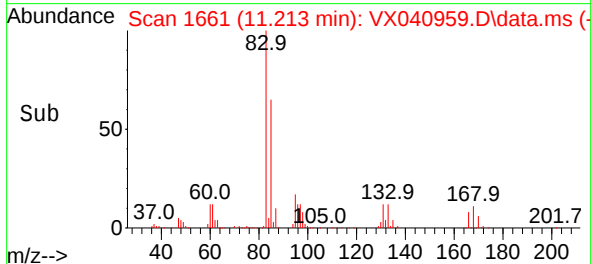
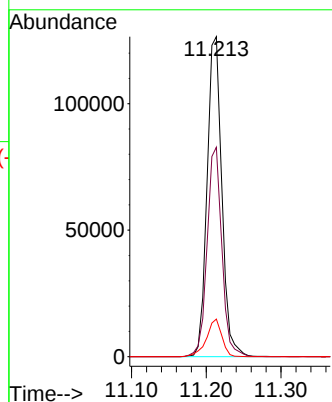
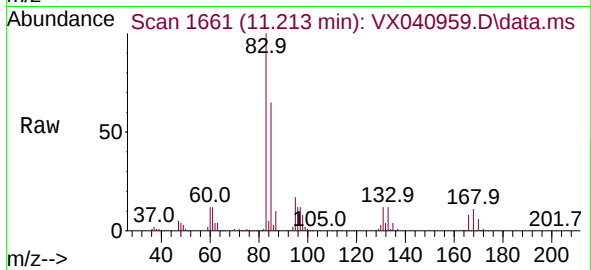




#57
1,1,2-Tetrachloroethane
Concen: 52.503 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX040959.D
Acq: 10 Apr 2024 16:52

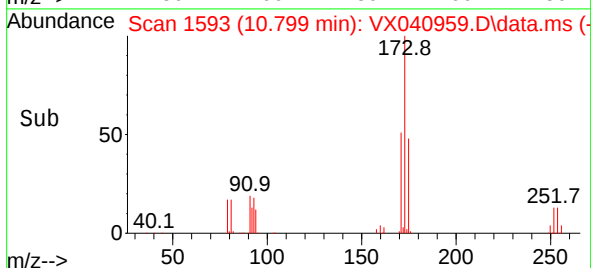
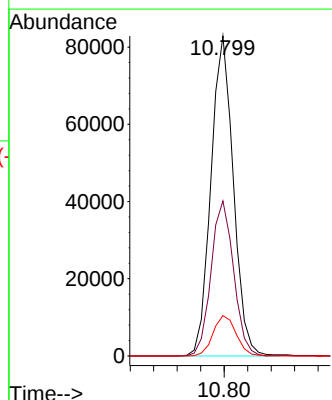
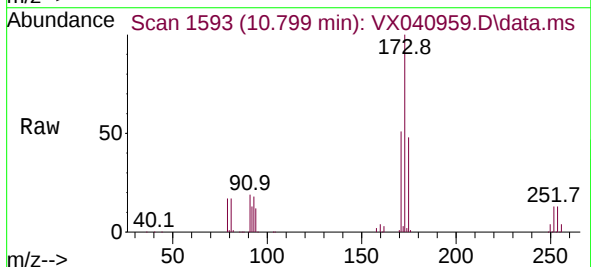
Instrument :
MSVOA_X
ClientSampleId :

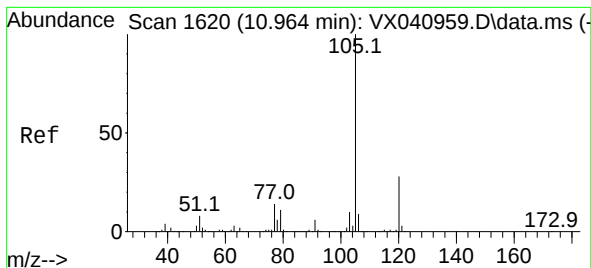
Tgt Ion: 83 Resp: 173250
Ion Ratio Lower Upper
83 100
85 65.4 45.8 85.0
131 11.8 9.4 14.2



#59
Bromoform
Concen: 53.442 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX040959.D
Acq: 10 Apr 2024 16:52

Tgt Ion: 173 Resp: 109816
Ion Ratio Lower Upper
173 100
175 48.7 39.0 58.4
254 13.0 10.4 15.6





#60

Isopropylbenzene

Concen: 53.765 ug/L

RT: 10.964 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX040959.D

Acq: 10 Apr 2024 16:52

Instrument :

MSVOA_X

ClientSampleId :

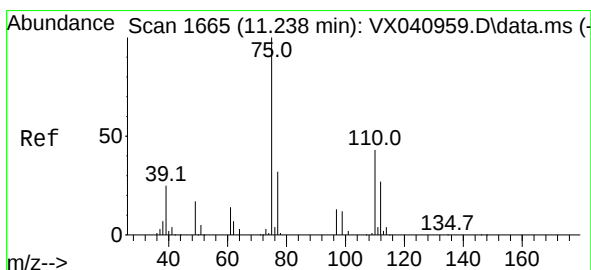
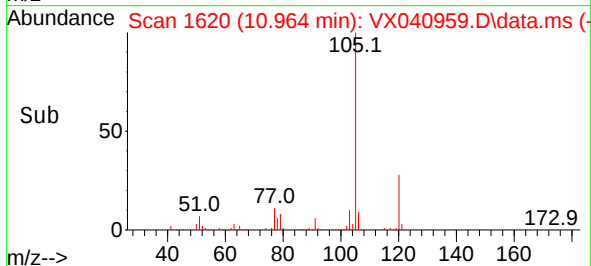
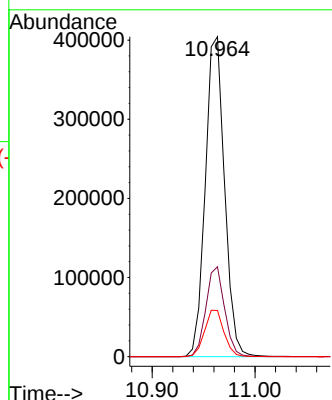
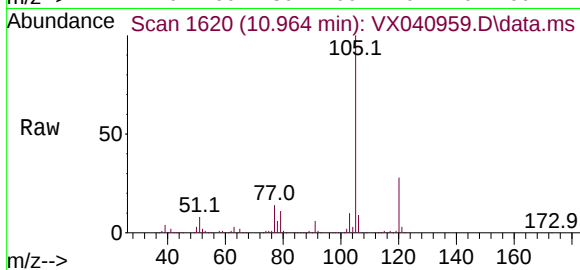
Tgt Ion:105 Resp: 526280

Ion Ratio Lower Upper

105 100

120 27.4 21.9 32.9

77 14.8 11.8 17.8



#61

1,2,3-Trichloropropane

Concen: 52.757 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX040959.D

Acq: 10 Apr 2024 16:52

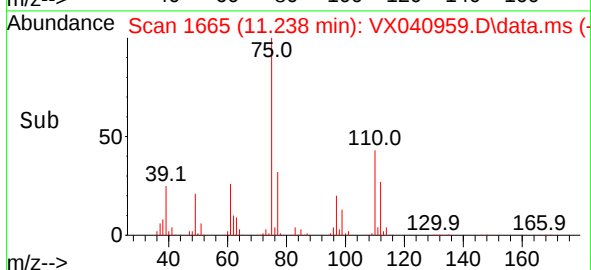
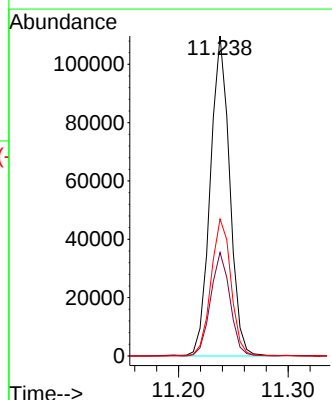
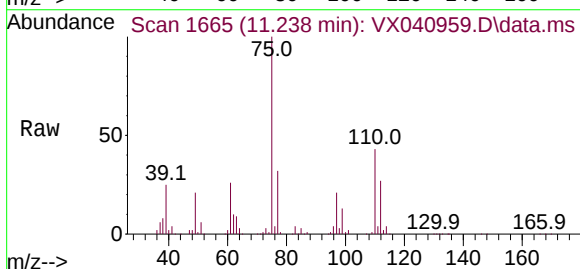
Tgt Ion: 75 Resp: 134881

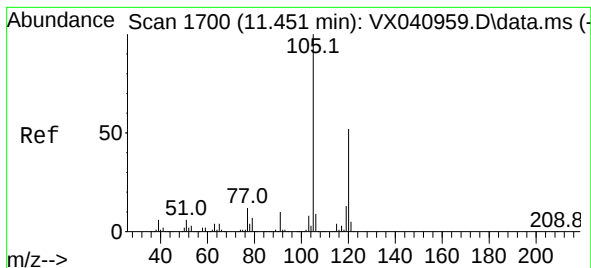
Ion Ratio Lower Upper

75 100

77 32.3 25.8 38.8

110 44.0 35.2 52.8

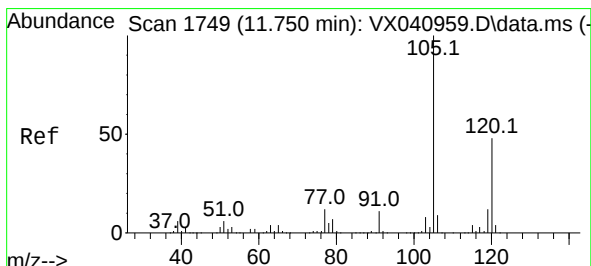
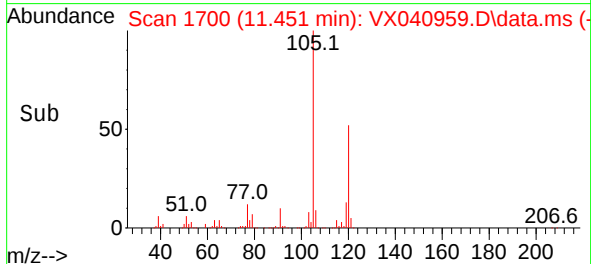
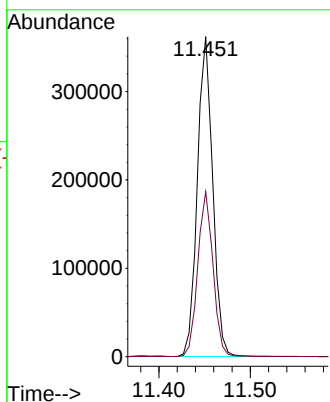
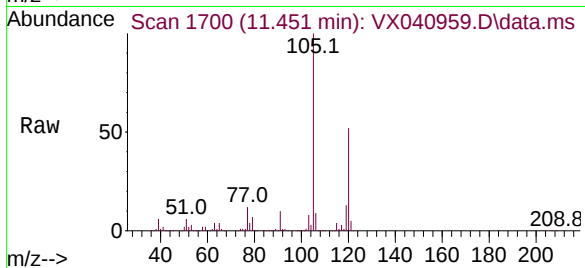




#62
1,3,5-Trimethylbenzene
Concen: 53.502 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040959.D
Acq: 10 Apr 2024 16:52

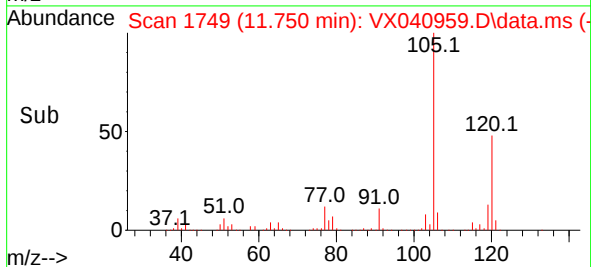
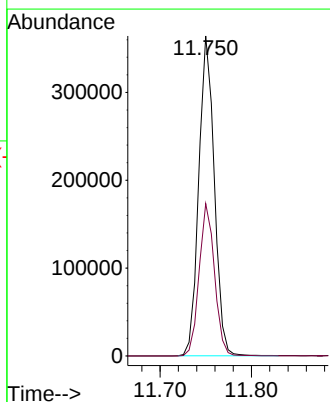
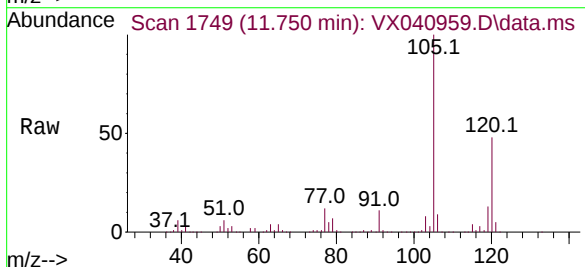
Instrument :
MSVOA_X
ClientSampleId :

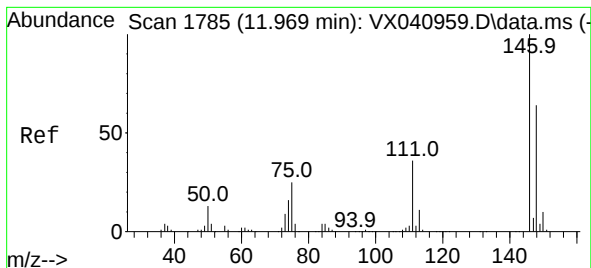
Tgt Ion:105 Resp: 422196
Ion Ratio Lower Upper
105 100
120 51.2 41.0 61.4



#63
1,2,4-Trimethylbenzene
Concen: 54.031 ug/L
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX040959.D
Acq: 10 Apr 2024 16:52

Tgt Ion:105 Resp: 429172
Ion Ratio Lower Upper
105 100
120 47.2 37.8 56.6





#64

1,3-Dichlorobenzene

Concen: 51.953 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX040959.D

Acq: 10 Apr 2024 16:52

Instrument :

MSVOA_X

ClientSampleId :

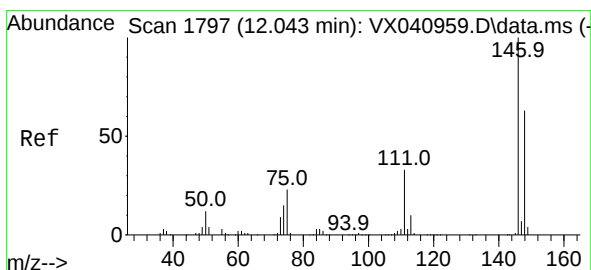
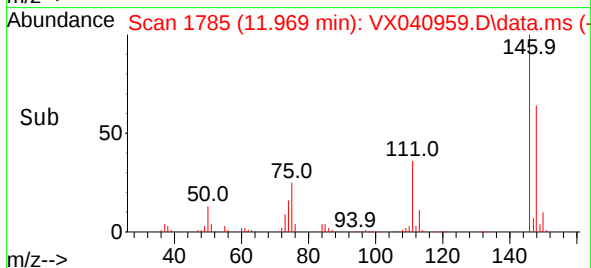
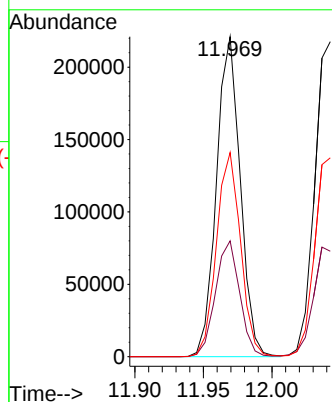
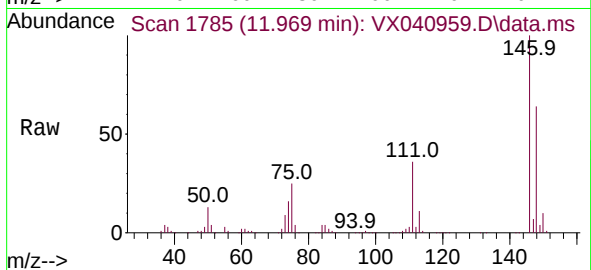
Tgt Ion:146 Resp: 266842

Ion Ratio Lower Upper

146 100

111 36.2 25.3 47.1

148 63.8 44.7 82.9



#65

1,4-Dichlorobenzene

Concen: 51.837 ug/L

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX040959.D

Acq: 10 Apr 2024 16:52

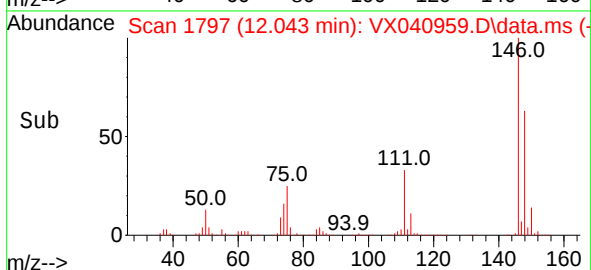
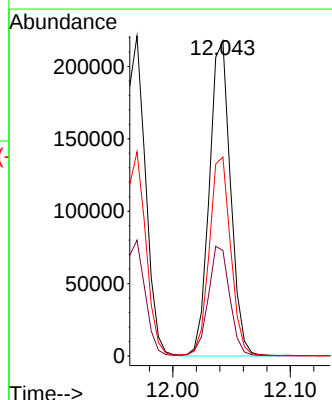
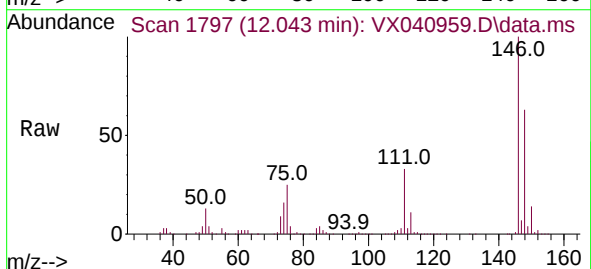
Tgt Ion:146 Resp: 273321

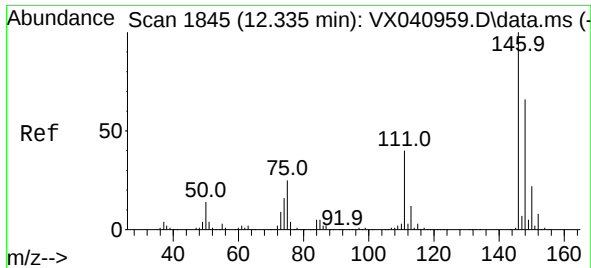
Ion Ratio Lower Upper

146 100

111 33.5 23.4 43.6

148 63.1 44.2 82.0





#67

1,2-Dichlorobenzene

Concen: 51.486 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX040959.D

Acq: 10 Apr 2024 16:52

Instrument :

MSVOA_X

ClientSampleId :

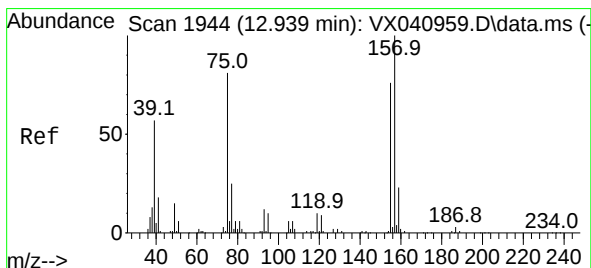
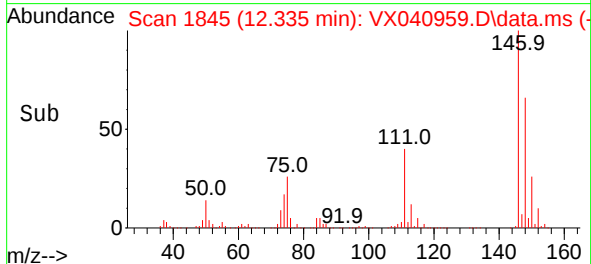
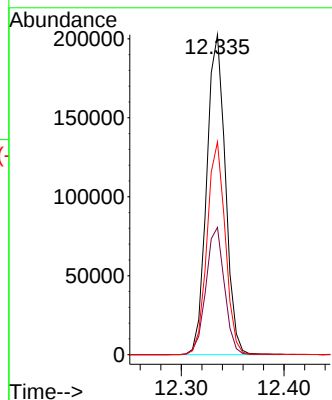
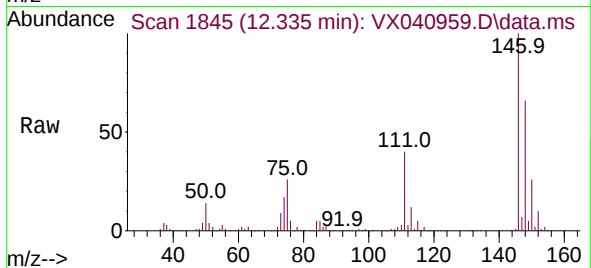
Tgt Ion:146 Resp: 256528

Ion Ratio Lower Upper

146 100

111 39.8 31.8 47.8

148 66.5 53.2 79.8



#68

1,2-Dibromo-3-chloropropane

Concen: 52.135 ug/L

RT: 12.939 min Scan# 1944

Delta R.T. 0.000 min

Lab File: VX040959.D

Acq: 10 Apr 2024 16:52

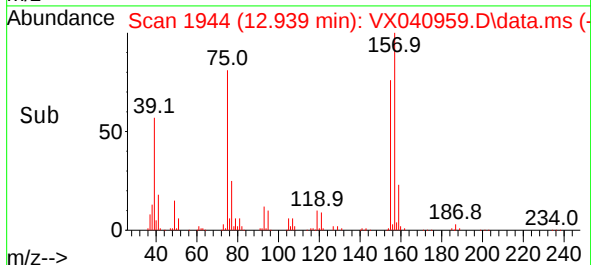
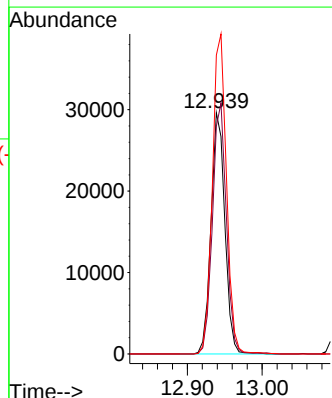
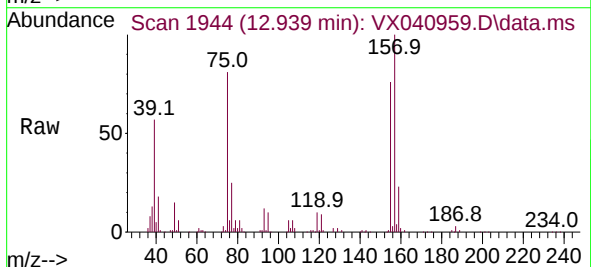
Tgt Ion: 75 Resp: 38119

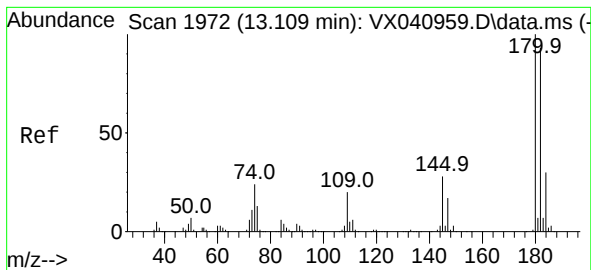
Ion Ratio Lower Upper

75 100

155 94.5 75.6 113.4

157 123.9 99.1 148.7





#69

1,3,5-Trichlorobenzene

Concen: 52.098 ug/L

RT: 13.109 min Scan# 1972

Delta R.T. 0.000 min

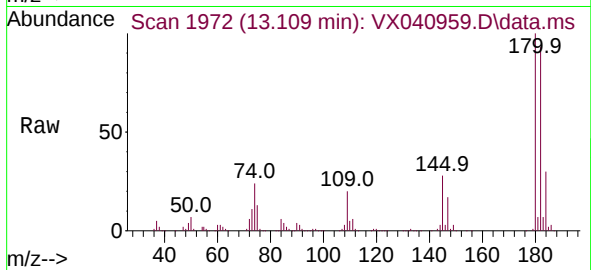
Lab File: VX040959.D

Acq: 10 Apr 2024 16:52

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 204922

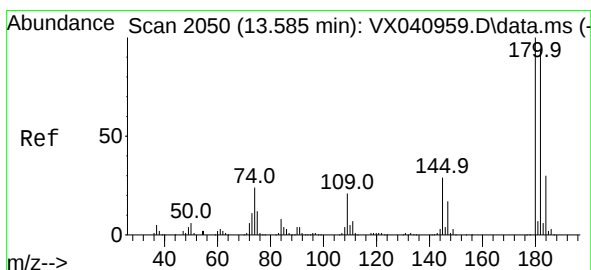
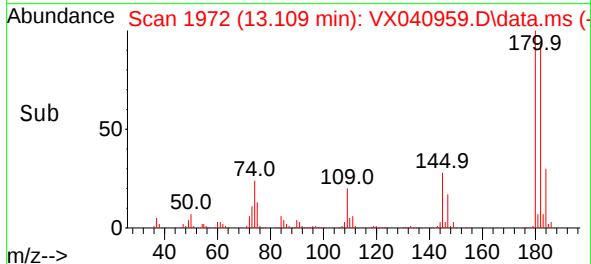
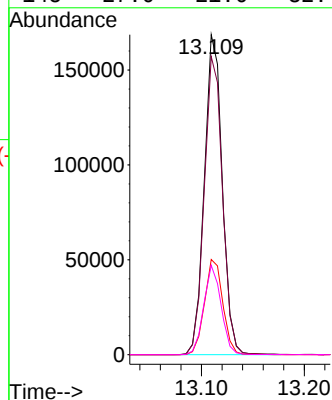
Ion Ratio Lower Upper

180 100

182 94.7 75.8 113.6

184 30.5 24.4 36.6

145 27.0 21.6 32.4



#70

1,2,4-trichlorobenzene

Concen: 51.374 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX040959.D

Acq: 10 Apr 2024 16:52

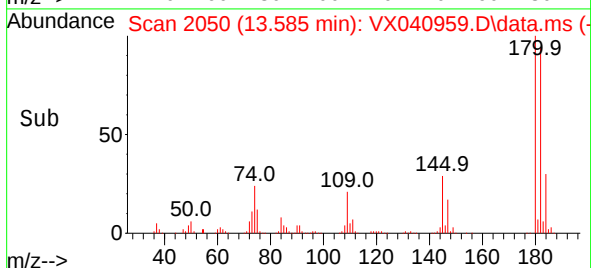
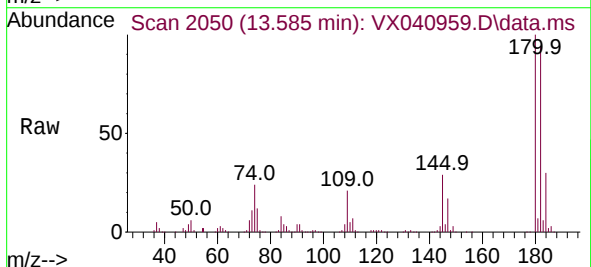
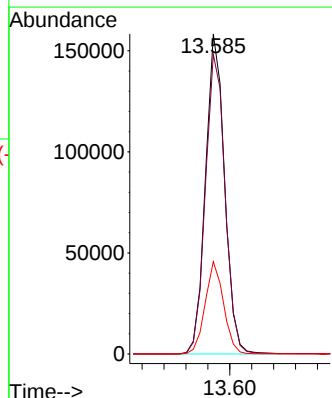
Tgt Ion:180 Resp: 191498

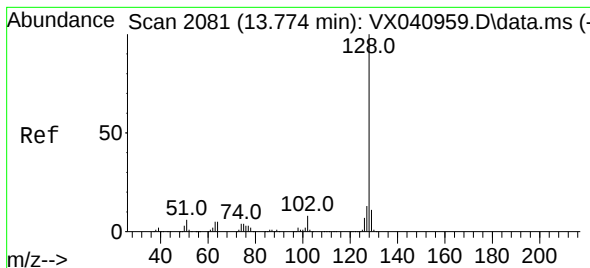
Ion Ratio Lower Upper

180 100

182 96.0 76.8 115.2

145 27.9 22.3 33.5





#71

Naphthalene

Concen: 53.735 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX040959.D

Acq: 10 Apr 2024 16:52

Instrument :

MSVOA_X

ClientSampleId :

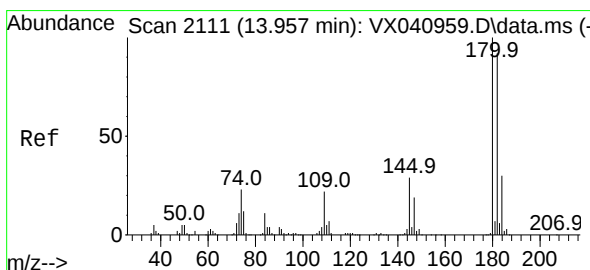
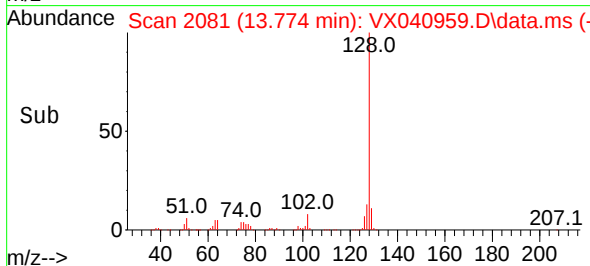
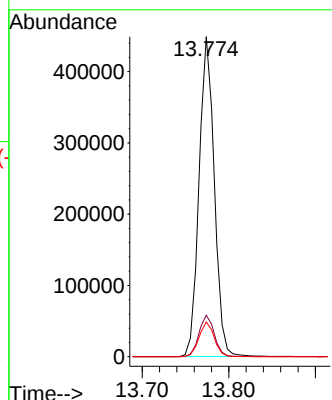
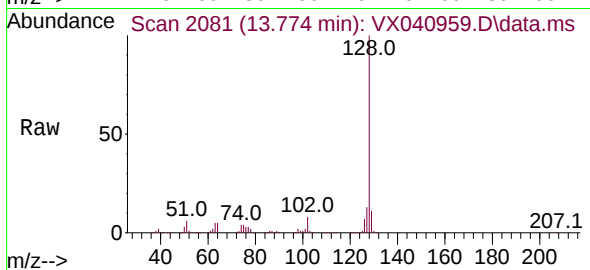
Tgt Ion:128 Resp: 548890

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 10.8 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 51.186 ug/L

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX040959.D

Acq: 10 Apr 2024 16:52

Tgt Ion:180 Resp: 187122

Ion Ratio Lower Upper

180 100

182 96.3 77.0 115.6

145 29.3 23.4 35.2

