

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030724\
 Data File : VX040601.D
 Acq On : 06 Mar 2024 13:36
 Operator : JC/MD
 Sample : VSTD010
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 07 01:16:36 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	149373	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	141478	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	69350	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	12589	10.336	ug/L	0.00
7) Chloroethane-d5	1.666	69	10100	11.035	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.306	65	6207	11.652	ug/L	0.00
21) 2-Butanone-d5	4.458	46	19409	18.334	ug/L	0.00
24) Chloroform-d	5.056	84	23058	10.578	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	18135	12.472	ug/L	0.00
32) Benzene-d6	5.976	84	42184	9.544	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.306	67	13008	9.193	ug/L	0.00
41) Toluene-d8	8.647	98	41585	10.276	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	6590	9.085	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	13578	16.413	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	19231	9.514	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	14826	10.923	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	12595	10.317	ug/L	100
3) Chloromethane	1.301	50	10775	8.755	ug/L	93
5) Vinyl chloride	1.374	62	11799	9.534	ug/L	95
6) Bromomethane	1.611	94	6823	10.182	ug/L	88
8) Chloroethane	1.691	64	7076	9.990	ug/L	88
9) Trichlorofluoromethane	1.886	101	17153	10.624	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	9503	9.304	ug/L	98
12) 1,1-Dichloroethene	2.319	96	8208	8.616	ug/L	94
13) Acetone	2.380	43	14109	14.786	ug/L	97
14) Carbon disulfide	2.508	76	23741	7.976	ug/L #	92
15) Methyl Acetate	2.703	43	11281	8.054	ug/L	100
16) Methylene chloride	2.788	84	9534	8.789	ug/L	95
17) trans-1,2-Dichloroethene	3.093	96	8656	8.708	ug/L	99
18) Methyl tert-butyl Ether	3.111	73	29563	8.470	ug/L	100
19) 1,1-Dichloroethane	3.617	63	16932	8.576	ug/L	94
20) cis-1,2-Dichloroethene	4.483	96	9451	8.222	ug/L	97
22) 2-Butanone	4.556	43	8685	7.320	ug/L #	64
23) Bromochloromethane	4.904	128	5044	9.195	ug/L #	81
25) Chloroform	5.093	83	19530	9.710	ug/L	90
27) 1,2-Dichloroethane	6.092	62	16962	10.395	ug/L	97
29) Cyclohexane	5.477	56	14047	7.407	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	16425	9.511	ug/L	96
31) Carbon tetrachloride	5.678	117	13040	9.040	ug/L	100
33) Benzene	6.037	78	35523	8.153	ug/L	100
34) Trichloroethene	7.123	95	10444	8.882	ug/L	96
35) Methylcyclohexane	7.379	83	14768	7.733	ug/L	96
37) 1,2-Dichloropropane	7.434	63	9309	7.760	ug/L	99
38) Bromodichloromethane	7.824	83	13631	9.013	ug/L #	89
39) cis-1,3-Dichloropropene	8.366	75	14659	7.581	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	30793	15.258	ug/L	100
42) Toluene	8.720	91	38820	8.325	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	14173	7.836	ug/L	99

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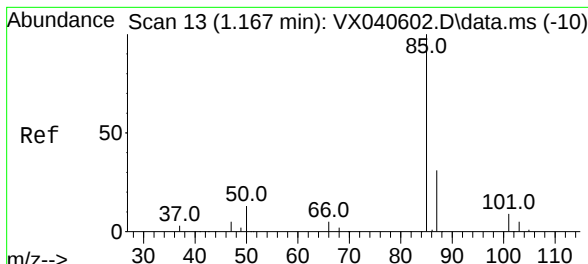
Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 07 01:16:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML030724WMA.M
 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

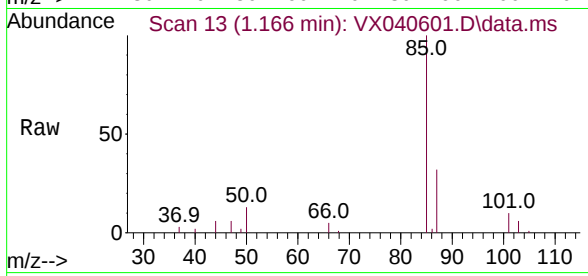
45) 1,1,2-Trichloroethane	9.153	97	10072	8.955	ug/L	95
46) Tetrachloroethene	9.275	164	7667	9.716	ug/L	96
48) 2-Hexanone	9.433	43	26265	15.648	ug/L	97
49) Dibromochloromethane	9.519	129	9406	8.474	ug/L	96
50) 1,2-Dibromoethane	9.610	107	9855	8.168	ug/L #	97
51) Chlorobenzene	10.079	112	25026	8.646	ug/L	98
52) Ethylbenzene	10.195	91	44337	8.448	ug/L	98
53) m,p-Xylene	10.299	106	16073	8.244	ug/L	91
54) o-Xylene	10.640	106	15315	8.182	ug/L	96
55) Styrene	10.659	104	26241	8.166	ug/L	91
57) 1,1,2,2-Tetrachloroethane	11.213	83	15478	7.984	ug/L	99
59) Bromoform	10.799	173	7087	8.559	ug/L	99
60) Isopropylbenzene	10.963	105	42895	8.468	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	13177	8.712	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	34109	7.983	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	33286	7.907	ug/L	97
64) 1,3-Dichlorobenzene	11.969	146	19077	8.923	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	19668	9.029	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	18727	9.073	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.945	75	3710	8.004	ug/L #	88
69) 1,3,5-Trichlorobenzene	13.109	180	12180	8.454	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	11196	8.164	ug/L	99
71) Naphthalene	13.774	128	33833	7.301	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	10865	8.169	ug/L	98

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

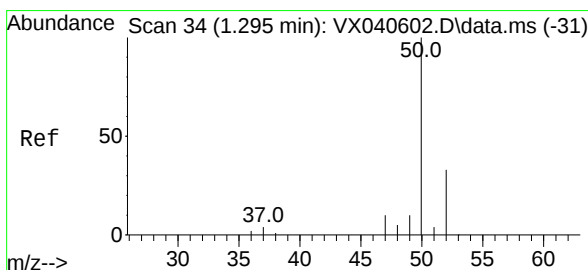
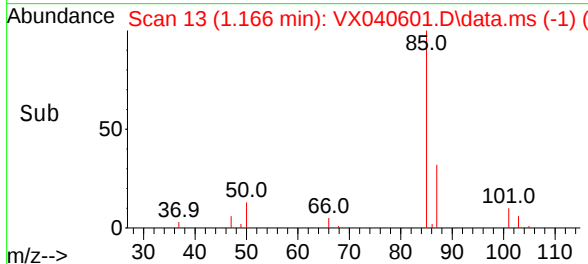
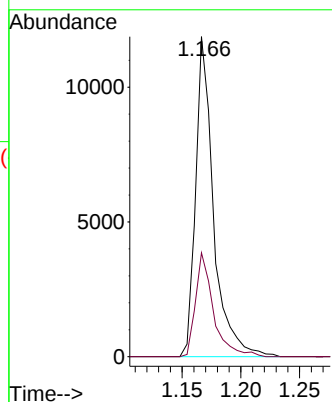


#2
Dichlorodifluoromethane
Concen: 10.317 ug/L
RT: 1.166 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX040601.D
Acq: 06 Mar 2024 13:36

Instrument :
MSVOA_X
ClientSampleId :

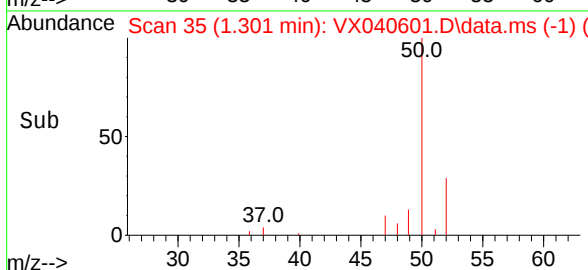
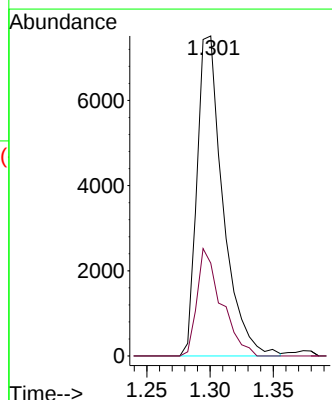
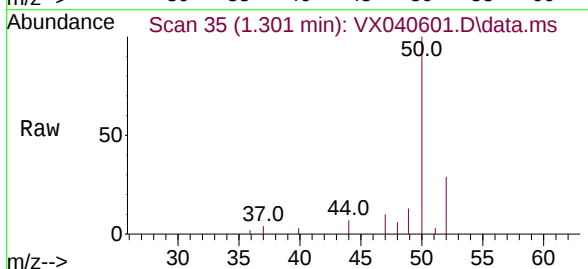


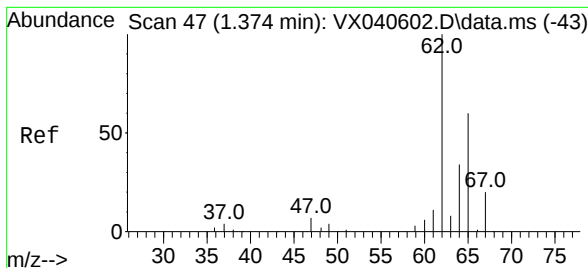
Tgt Ion: 85 Resp: 12595
Ion Ratio Lower Upper
85 100
87 32.5 26.1 39.1



#3
Chloromethane
Concen: 8.755 ug/L
RT: 1.301 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX040601.D
Acq: 06 Mar 2024 13:36

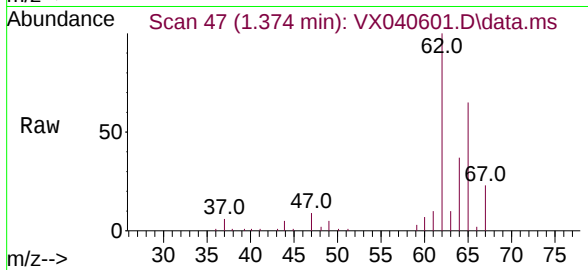
Tgt Ion: 50 Resp: 10775
Ion Ratio Lower Upper
50 100
52 29.0 23.1 42.9



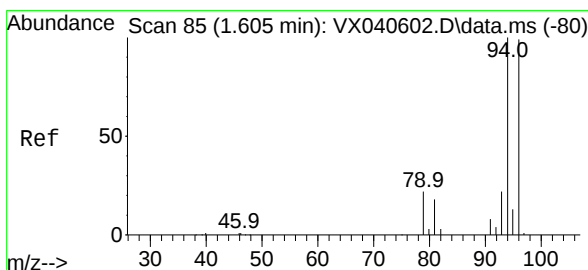
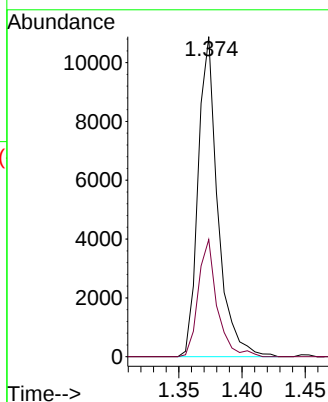
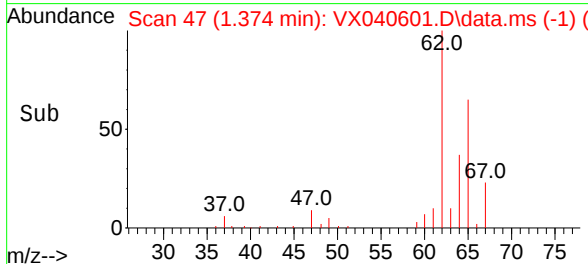


#5
 Vinyl chloride
 Concen: 9.534 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX040601.D
 Acq: 06 Mar 2024 13:36

Instrument :
 MSVOA_X
 ClientSampleId :

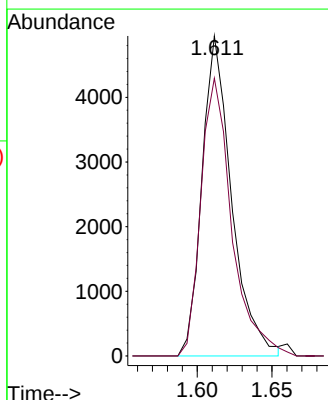
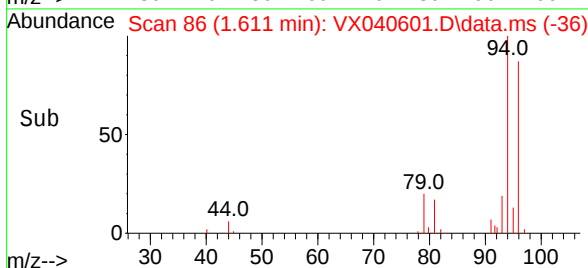
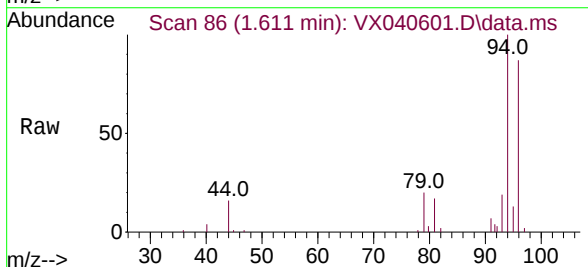


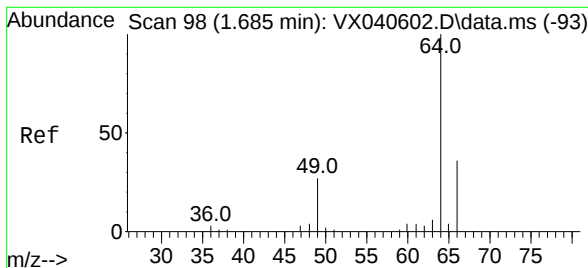
Tgt Ion: 62 Resp: 11799
 Ion Ratio Lower Upper
 62 100
 64 36.6 23.8 44.2



#6
 Bromomethane
 Concen: 10.182 ug/L
 RT: 1.611 min Scan# 86
 Delta R.T. 0.006 min
 Lab File: VX040601.D
 Acq: 06 Mar 2024 13:36

Tgt Ion: 94 Resp: 6823
 Ion Ratio Lower Upper
 94 100
 96 86.8 69.0 128.2





#8

Chloroethane

Concen: 9.990 ug/L

RT: 1.691 min Scan# 90

Delta R.T. 0.006 min

Lab File: VX040601.D

Acq: 06 Mar 2024 13:36

Instrument :

MSVOA_X

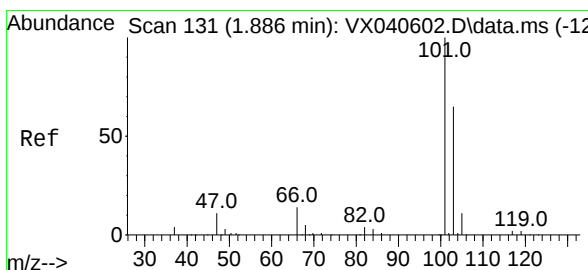
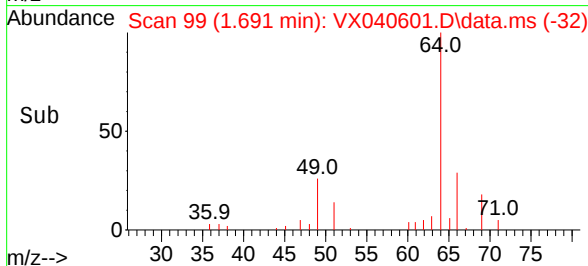
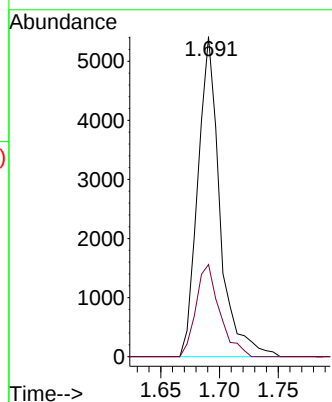
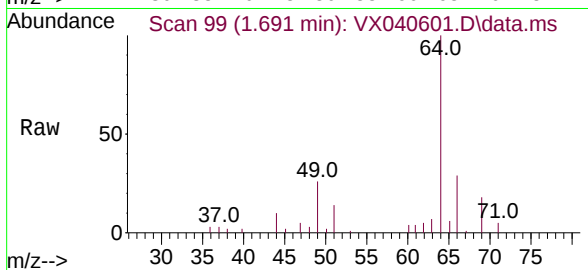
ClientSampleId :

Tgt Ion: 64 Resp: 7076

Ion Ratio Lower Upper

64 100

66 28.8 25.0 46.4



#9

Trichlorofluoromethane

Concen: 10.624 ug/L

RT: 1.886 min Scan# 131

Delta R.T. -0.000 min

Lab File: VX040601.D

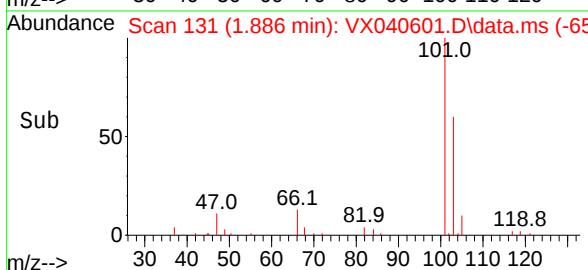
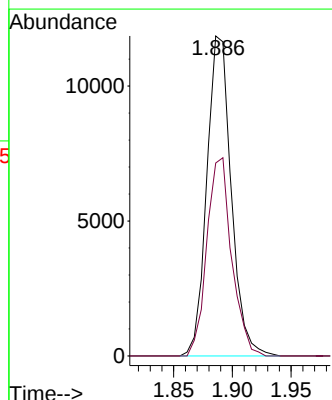
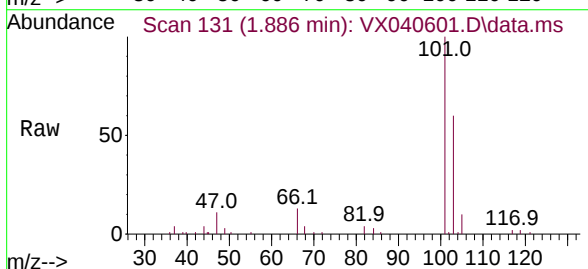
Acq: 06 Mar 2024 13:36

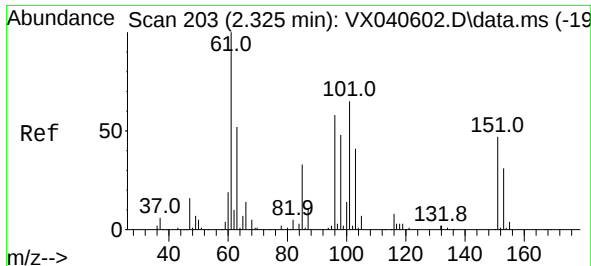
Tgt Ion:101 Resp: 17153

Ion Ratio Lower Upper

101 100

103 63.0 51.7 77.5





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 9.304 ug/L

RT: 2.331 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX040601.D

Acq: 06 Mar 2024 13:36

Instrument :

MSVOA_X

ClientSampleId :

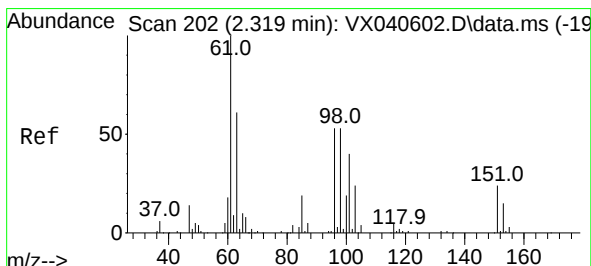
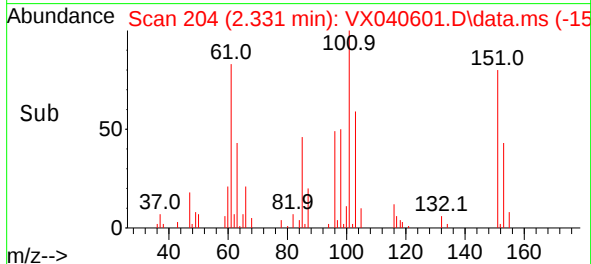
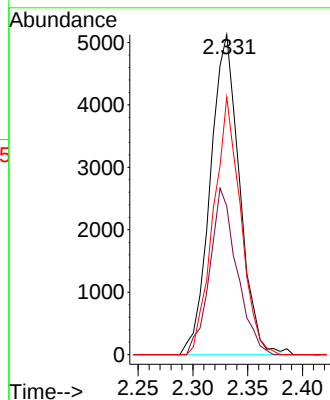
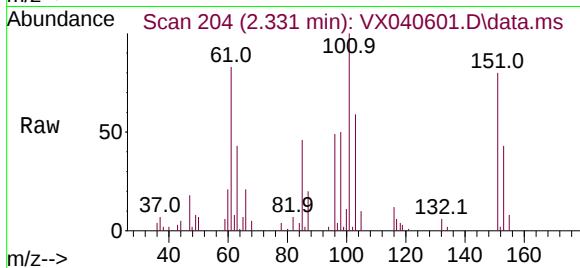
Tgt Ion:101 Resp: 9503

Ion Ratio Lower Upper

101 100

85 48.1 38.3 57.5

151 74.9 57.7 86.5



#12

1,1-Dichloroethene

Concen: 8.616 ug/L

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX040601.D

Acq: 06 Mar 2024 13:36

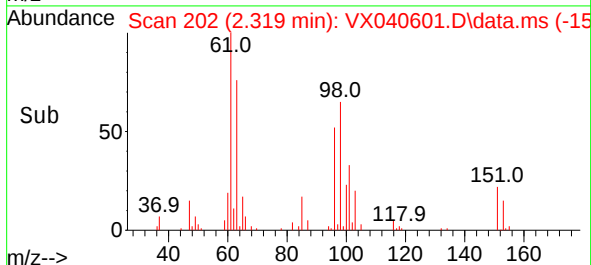
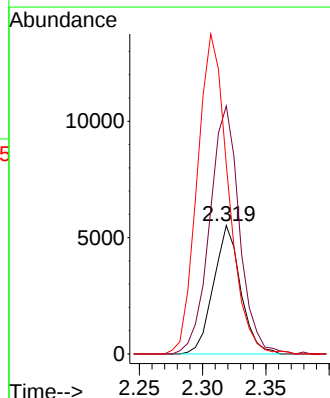
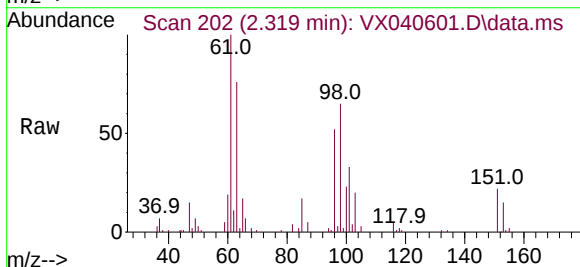
Tgt Ion: 96 Resp: 8208

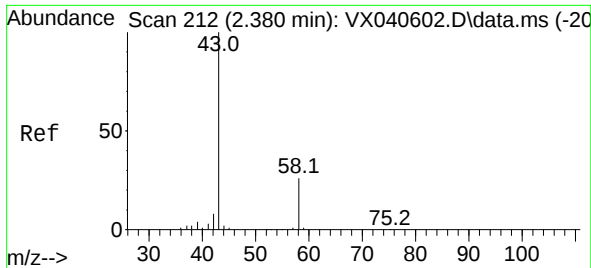
Ion Ratio Lower Upper

96 100

61 193.1 134.8 250.4

63 147.6 92.5 171.9





#13

Acetone

Concen: 14.786 ug/L

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX040601.D

Acq: 06 Mar 2024 13:36

Instrument :

MSVOA_X

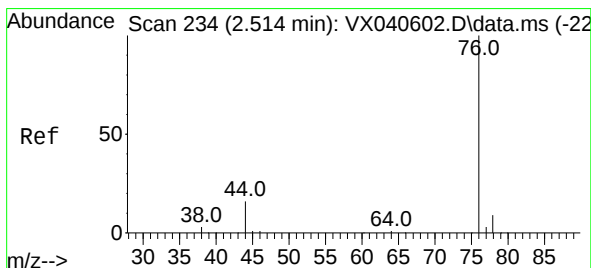
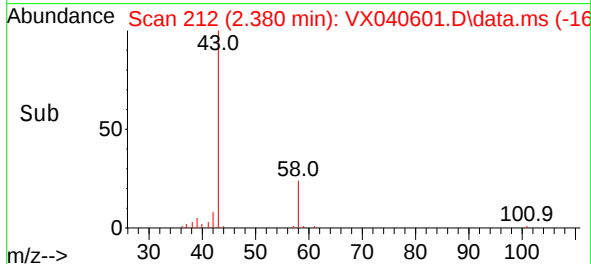
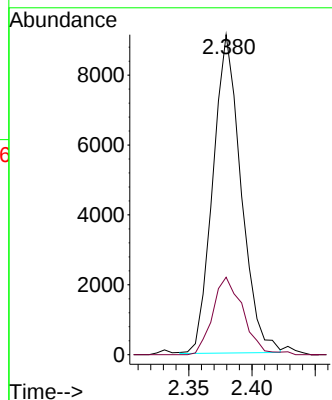
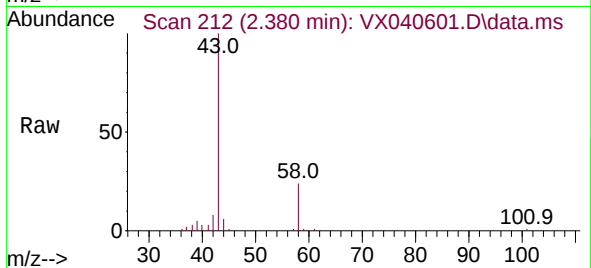
ClientSampleId :

Tgt Ion: 43 Resp: 14109

Ion Ratio Lower Upper

43 100

58 25.9 0.0 54.6



#14

Carbon disulfide

Concen: 7.976 ug/L

RT: 2.508 min Scan# 233

Delta R.T. -0.006 min

Lab File: VX040601.D

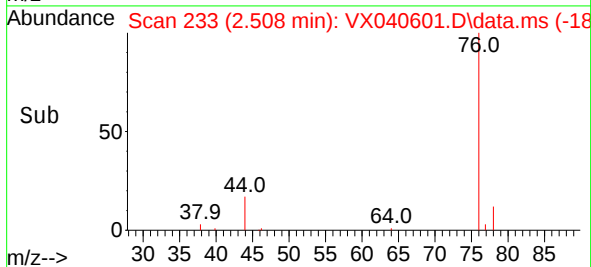
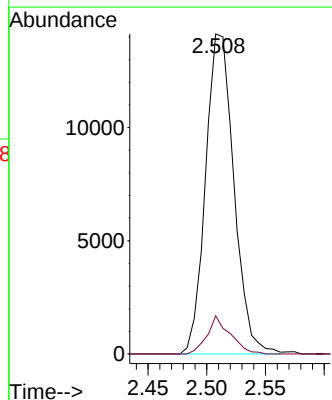
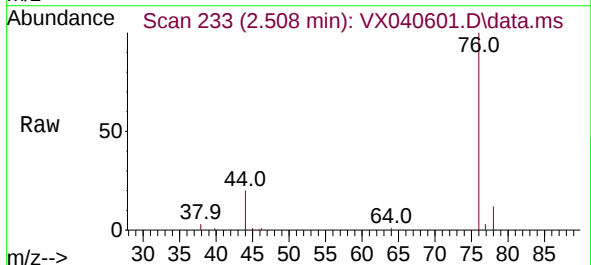
Acq: 06 Mar 2024 13:36

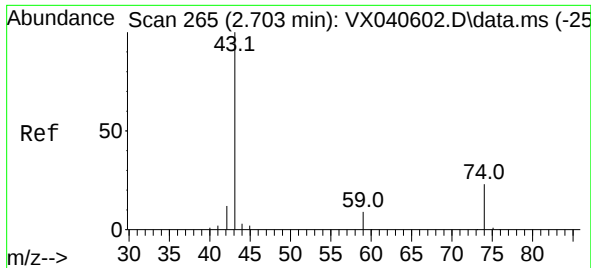
Tgt Ion: 76 Resp: 23741

Ion Ratio Lower Upper

76 100

78 11.9 7.2 10.8#





#15

Methyl Acetate

Concen: 8.054 ug/L

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX040601.D

Acq: 06 Mar 2024 13:36

Instrument :

MSVOA_X

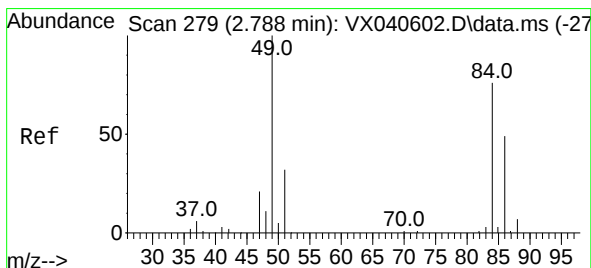
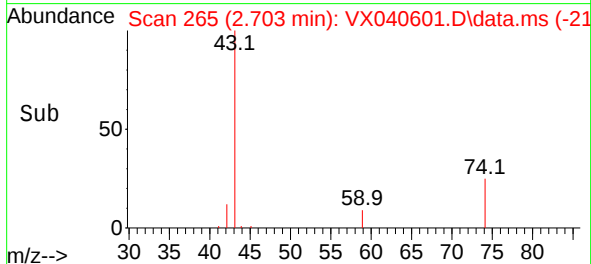
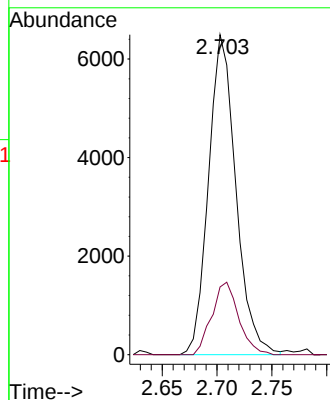
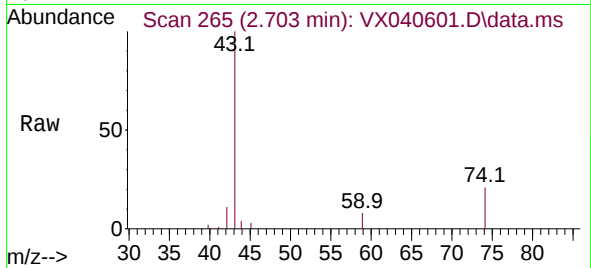
ClientSampleId :

Tgt Ion: 43 Resp: 11281

Ion Ratio Lower Upper

43 100

74 22.2 17.6 26.4



#16

Methylene chloride

Concen: 8.789 ug/L

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX040601.D

Acq: 06 Mar 2024 13:36

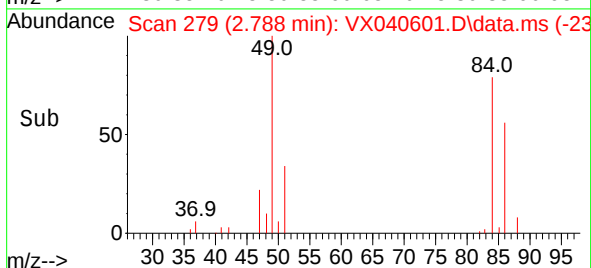
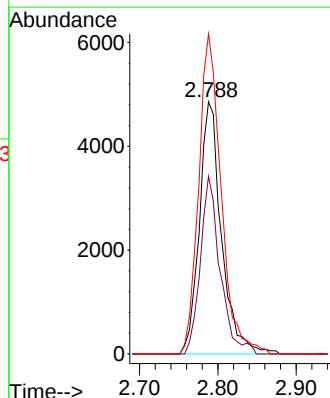
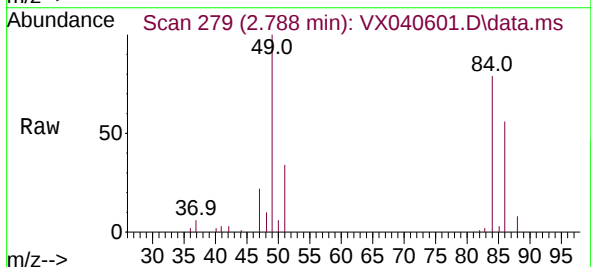
Tgt Ion: 84 Resp: 9534

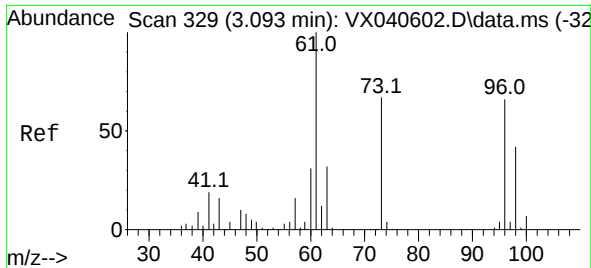
Ion Ratio Lower Upper

84 100

86 70.5 45.8 85.2

49 126.9 92.6 172.0

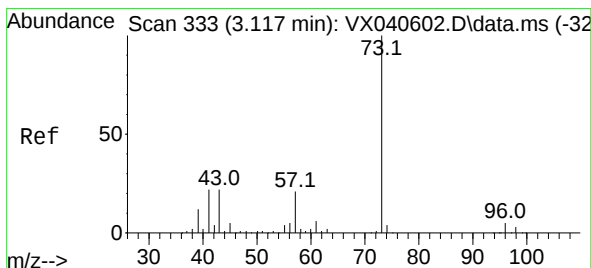
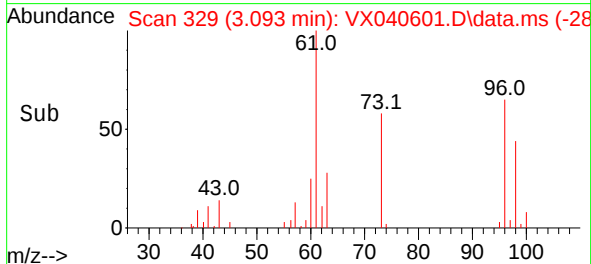
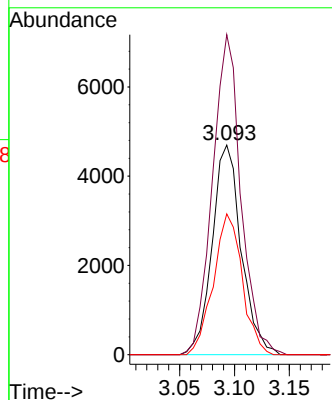
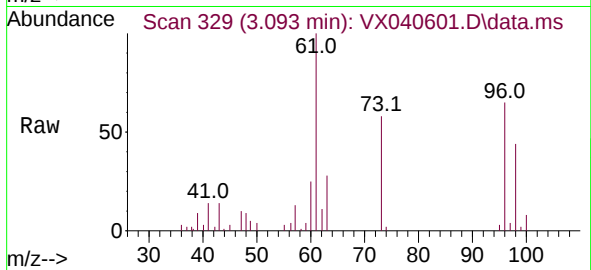




#17
trans-1,2-Dichloroethene
Concen: 8.708 ug/L
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX040601.D
Acq: 06 Mar 2024 13:36

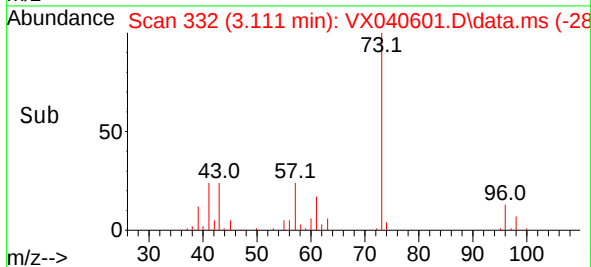
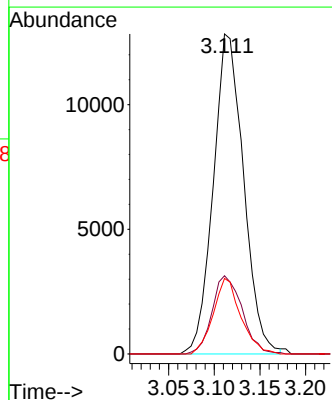
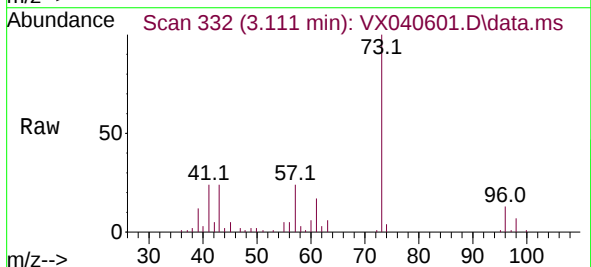
Instrument :
MSVOA_X
ClientSampleId :

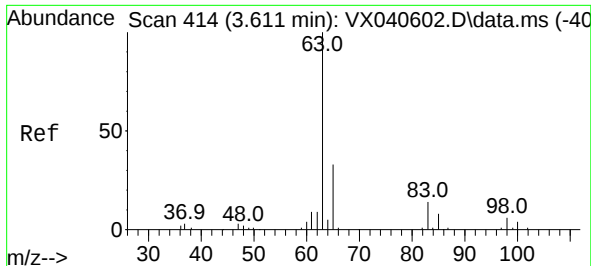
Tgt Ion: 96 Resp: 8656
Ion Ratio Lower Upper
96 100
61 152.7 106.6 198.0
98 67.2 45.1 83.9



#18
Methyl tert-butyl Ether
Concen: 8.470 ug/L
RT: 3.111 min Scan# 332
Delta R.T. -0.006 min
Lab File: VX040601.D
Acq: 06 Mar 2024 13:36

Tgt Ion: 73 Resp: 29563
Ion Ratio Lower Upper
73 100
43 24.2 19.3 28.9
57 21.5 17.1 25.7





#19

1,1-Dichloroethane

Concen: 8.576 ug/L

RT: 3.617 min Scan# 41

Delta R.T. 0.006 min

Lab File: VX040601.D

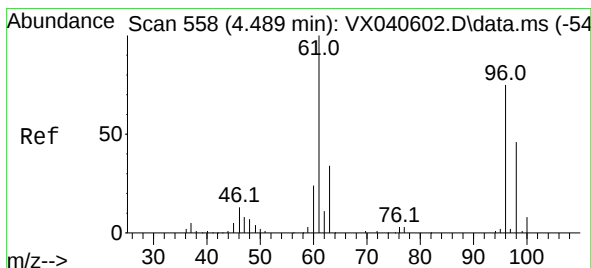
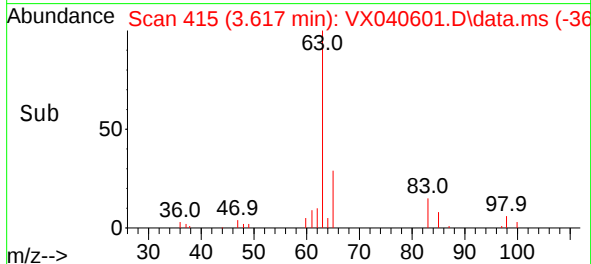
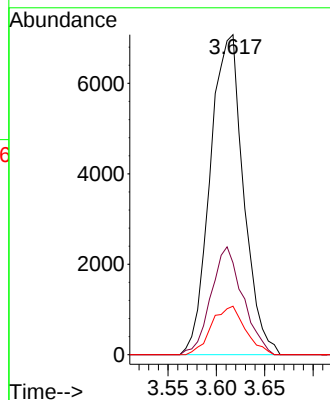
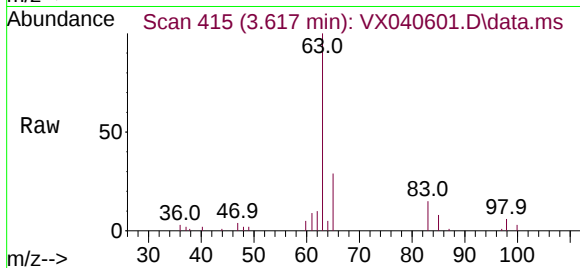
Acq: 06 Mar 2024 13:36

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 63	Resp: 16932
Ion Ratio	Lower Upper
63 100	
65 28.7	23.1 42.9
83 15.2	9.9 18.5



#20

cis-1,2-Dichloroethene

Concen: 8.222 ug/L

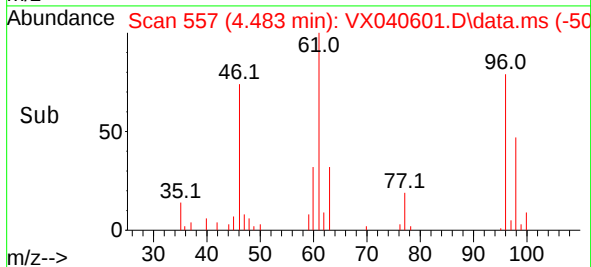
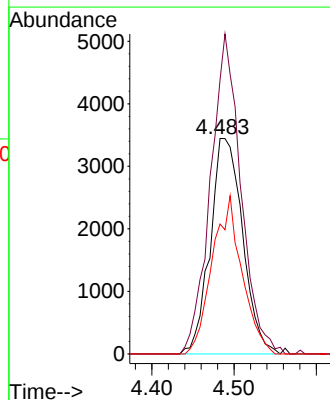
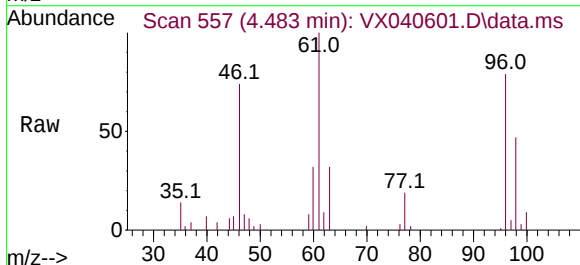
RT: 4.483 min Scan# 557

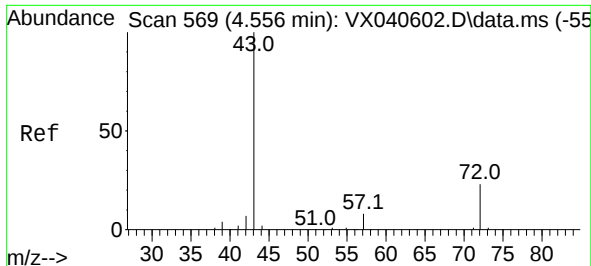
Delta R.T. -0.006 min

Lab File: VX040601.D

Acq: 06 Mar 2024 13:36

Tgt Ion: 96	Resp: 9451
Ion Ratio	Lower Upper
96 100	
61 127.2	93.0 172.8
98 60.3	42.4 78.6





#22

2-Butanone

Concen: 7.320 ug/L

RT: 4.556 min Scan# 5

Delta R.T. -0.000 min

Lab File: VX040601.D

Acq: 06 Mar 2024 13:36

Instrument :

MSVOA_X

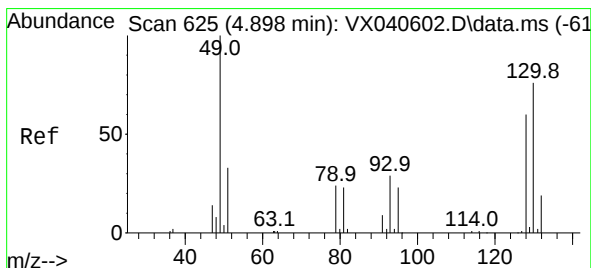
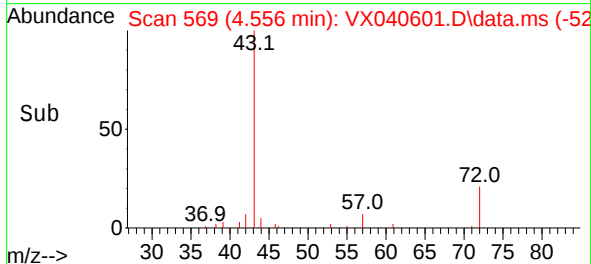
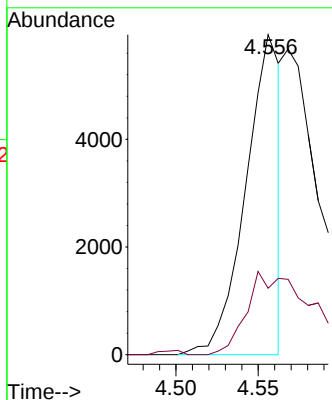
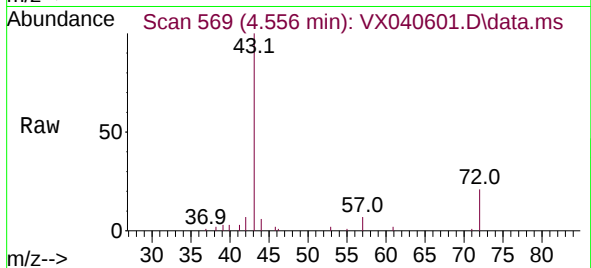
ClientSampleId :

Tgt Ion: 43 Resp: 8685

Ion Ratio Lower Upper

43 100

72 6.7 12.4 37.2#



#23

Bromochloromethane

Concen: 9.195 ug/L

RT: 4.904 min Scan# 626

Delta R.T. 0.006 min

Lab File: VX040601.D

Acq: 06 Mar 2024 13:36

Tgt Ion: 128 Resp: 5044

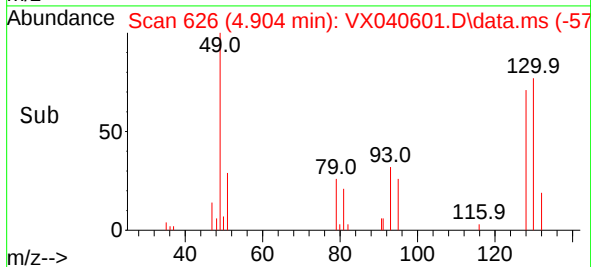
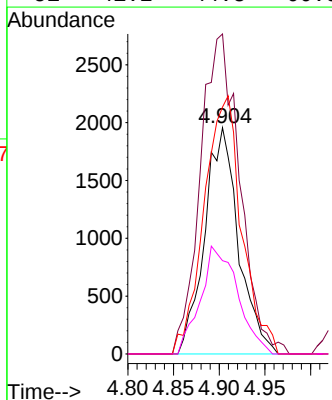
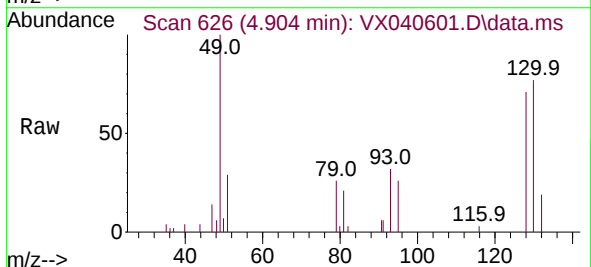
Ion Ratio Lower Upper

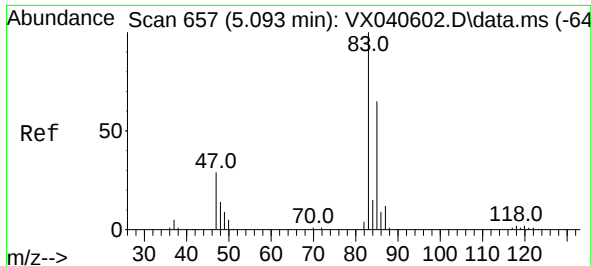
128 100

49 141.4 118.1 219.3

130 109.1 89.4 166.0

51 41.2 44.3 66.5#





#25

Chloroform

Concen: 9.710 ug/L

RT: 5.093 min Scan# 60

Delta R.T. -0.000 min

Lab File: VX040601.D

Acq: 06 Mar 2024 13:36

Instrument :

MSVOA_X

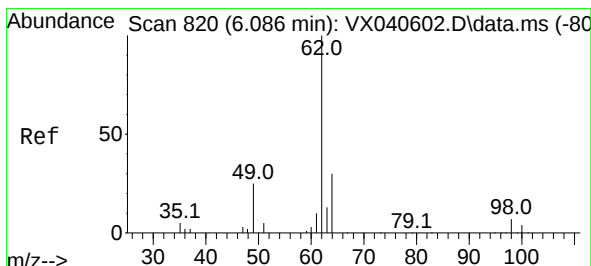
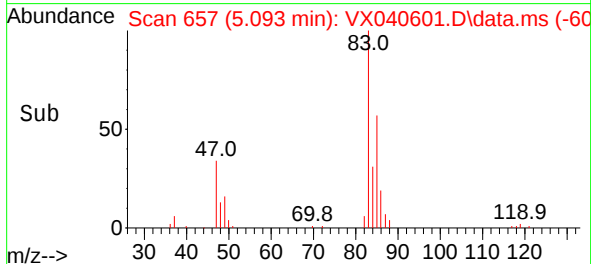
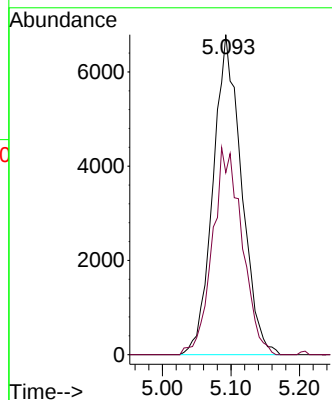
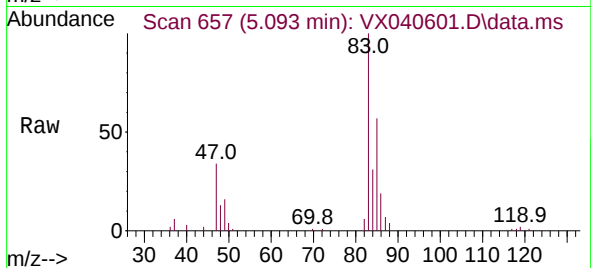
ClientSampleId :

Tgt Ion: 83 Resp: 19530

Ion Ratio Lower Upper

83 100

85 56.9 45.4 84.4



#27

1,2-Dichloroethane

Concen: 10.395 ug/L

RT: 6.092 min Scan# 821

Delta R.T. 0.006 min

Lab File: VX040601.D

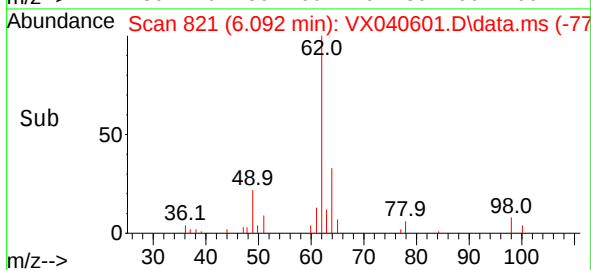
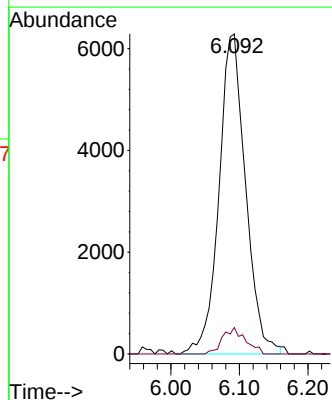
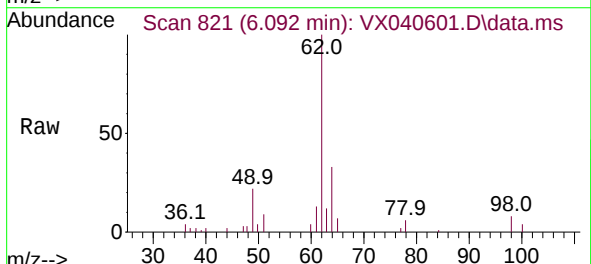
Acq: 06 Mar 2024 13:36

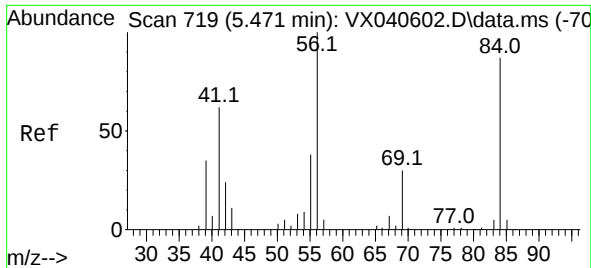
Tgt Ion: 62 Resp: 16962

Ion Ratio Lower Upper

62 100

98 8.2 5.8 8.6





#29

Cyclohexane

Concen: 7.407 ug/L

RT: 5.477 min Scan# 719

Delta R.T. 0.006 min

Lab File: VX040601.D

Acq: 06 Mar 2024 13:36

Instrument :

MSVOA_X

ClientSampleId :

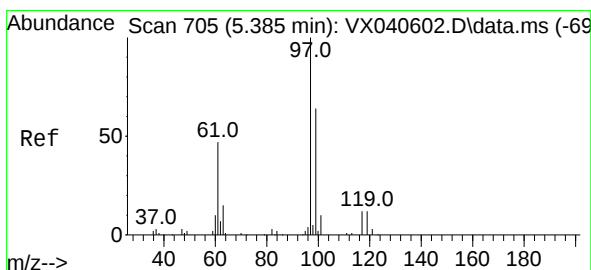
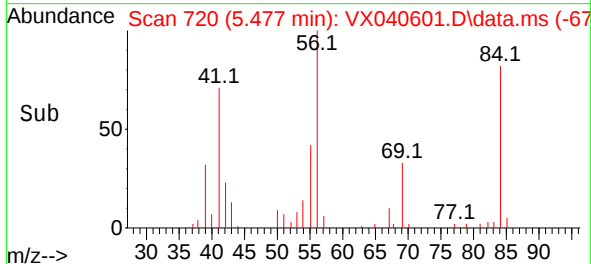
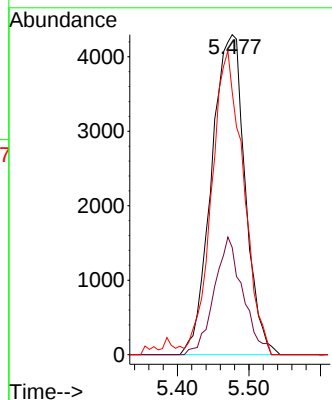
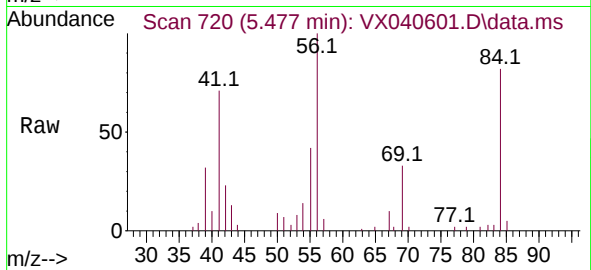
Tgt Ion: 56 Resp: 14047

Ion Ratio Lower Upper

56 100

69 30.8 25.0 37.4

84 89.4 70.6 105.8



#30

1,1,1-Trichloroethane

Concen: 9.511 ug/L

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX040601.D

Acq: 06 Mar 2024 13:36

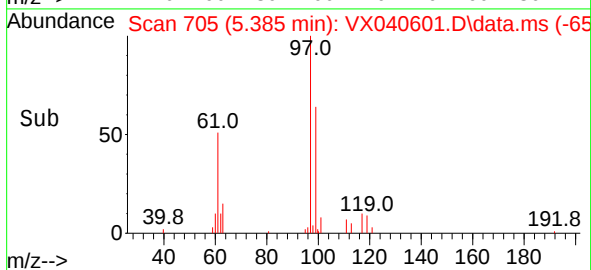
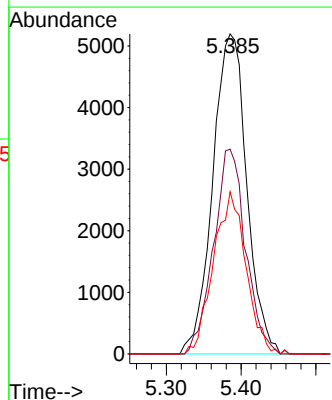
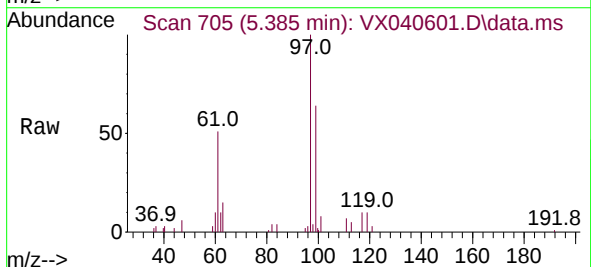
Tgt Ion: 97 Resp: 16425

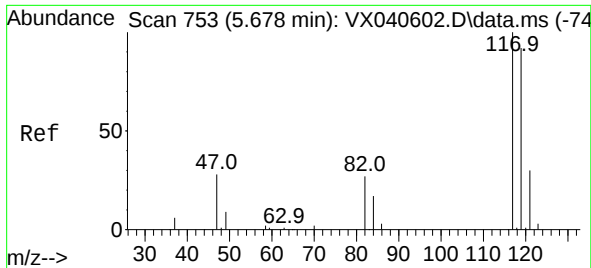
Ion Ratio Lower Upper

97 100

99 60.3 52.1 78.1

61 48.3 38.3 57.5

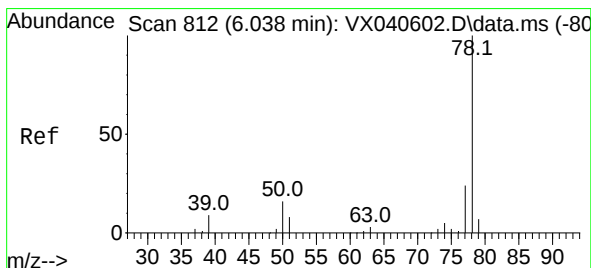
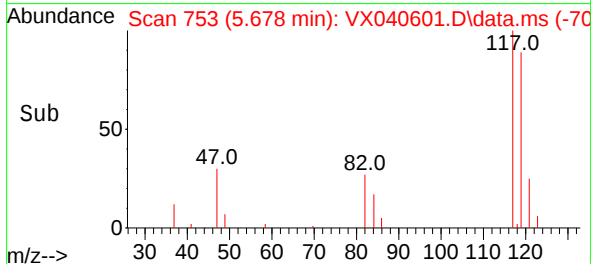
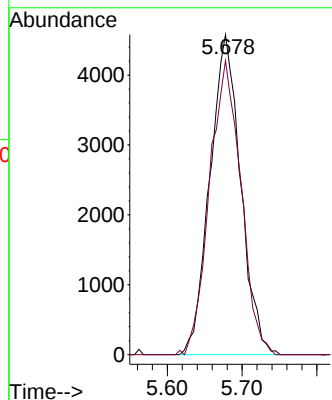
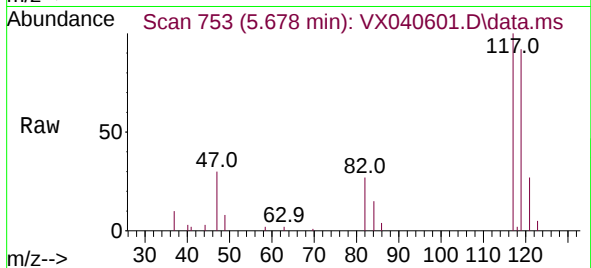




#31
Carbon tetrachloride
Concen: 9.040 ug/L
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX040601.D
Acq: 06 Mar 2024 13:36

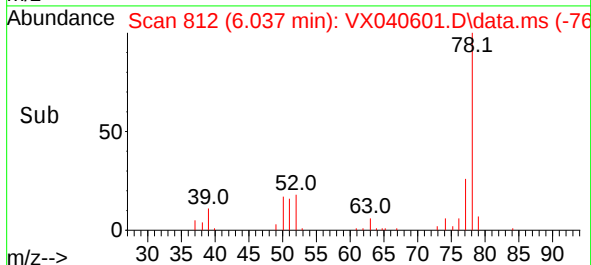
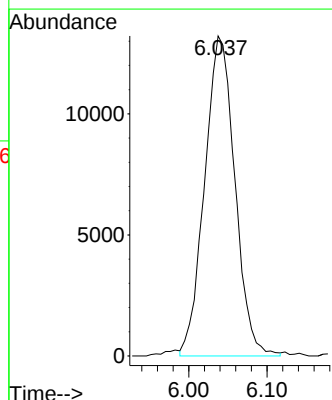
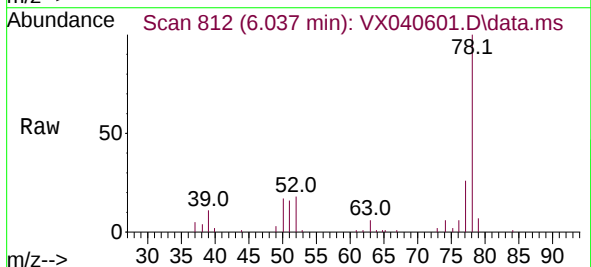
Instrument :
MSVOA_X
ClientSampleId :

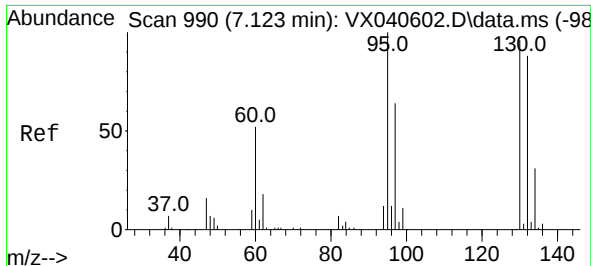
Tgt Ion:117 Resp: 13040
Ion Ratio Lower Upper
117 100
119 94.1 75.4 113.2



#33
Benzene
Concen: 8.153 ug/L
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX040601.D
Acq: 06 Mar 2024 13:36

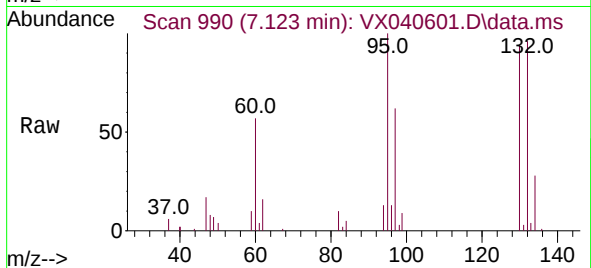
Tgt Ion: 78 Resp: 35523





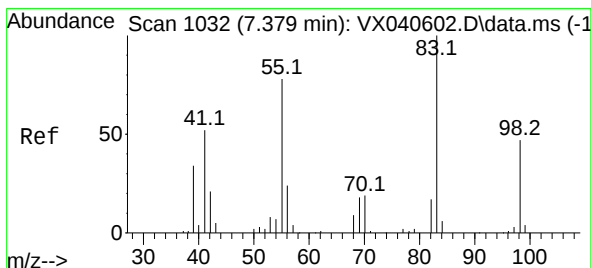
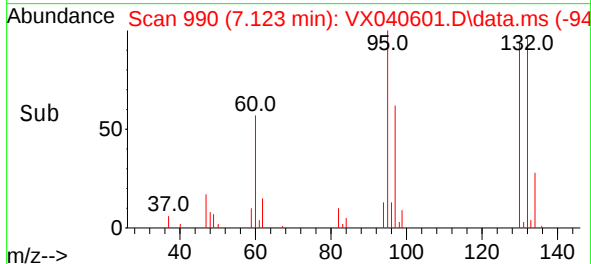
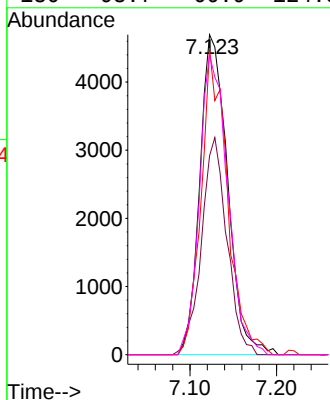
#34
Trichloroethene
Concen: 8.882 ug/L
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX040601.D
Acq: 06 Mar 2024 13:36

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 95 Resp: 10444

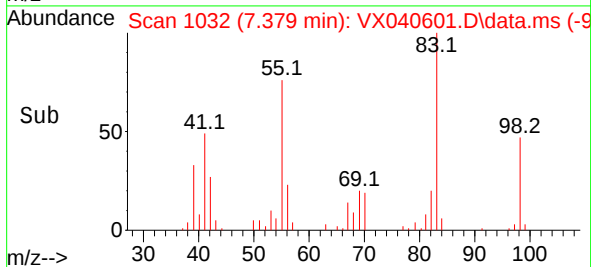
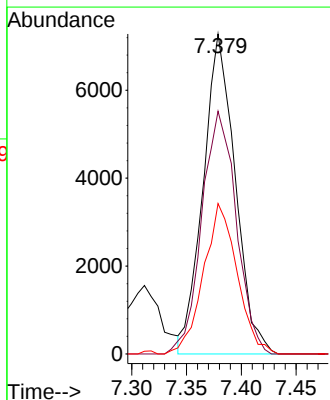
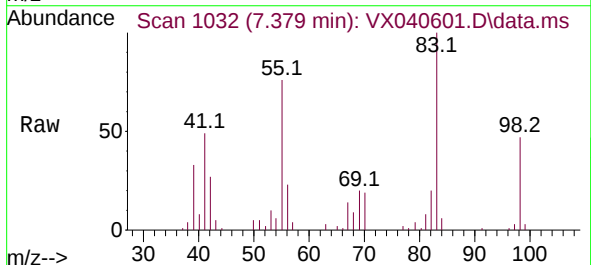
Ion	Ratio	Lower	Upper
95	100		
97	62.1	44.7	83.1
132	95.7	61.5	114.3
130	93.7	66.9	124.3

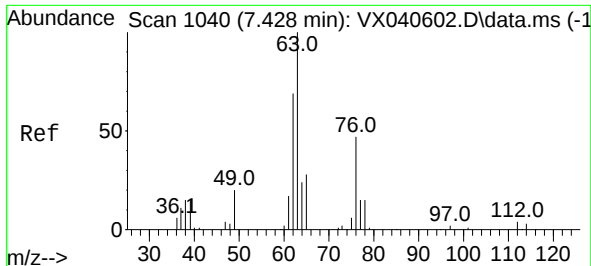


#35
Methylcyclohexane
Concen: 7.733 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX040601.D
Acq: 06 Mar 2024 13:36

Tgt Ion: 83 Resp: 14768

Ion	Ratio	Lower	Upper
83	100		
55	81.8	62.6	94.0
98	49.5	37.4	56.2





#37

1,2-Dichloropropane

Concen: 7.760 ug/L

RT: 7.434 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VX040601.D

Acq: 06 Mar 2024 13:36

Instrument :

MSVOA_X

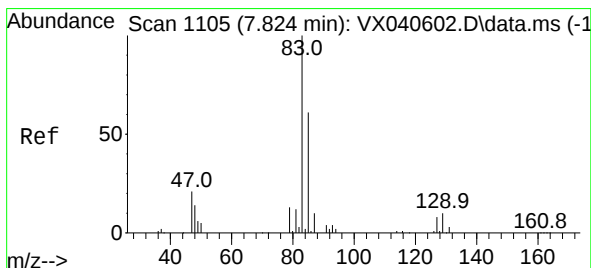
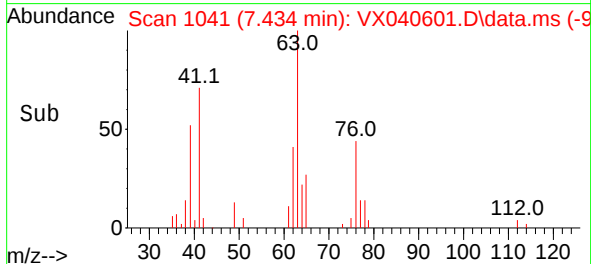
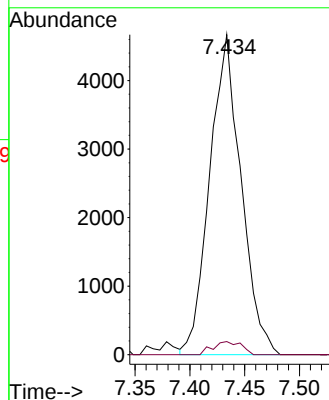
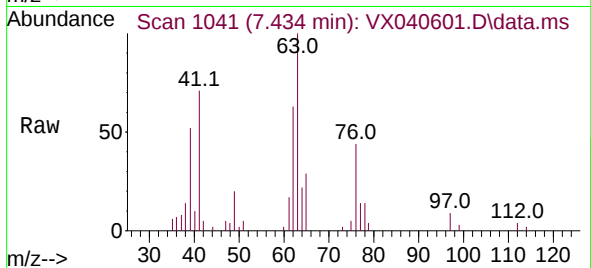
ClientSampleId :

Tgt Ion: 63 Resp: 9309

Ion Ratio Lower Upper

63 100

112 3.7 3.1 4.7



#38

Bromodichloromethane

Concen: 9.013 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VX040601.D

Acq: 06 Mar 2024 13:36

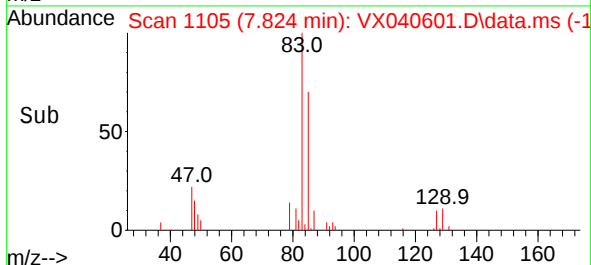
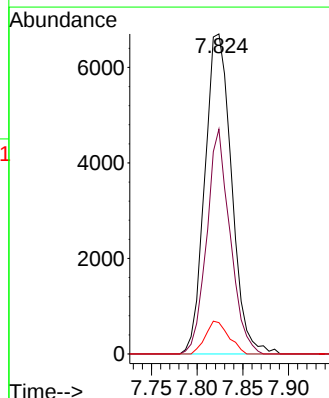
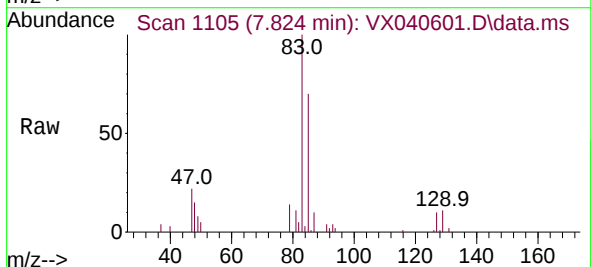
Tgt Ion: 83 Resp: 13631

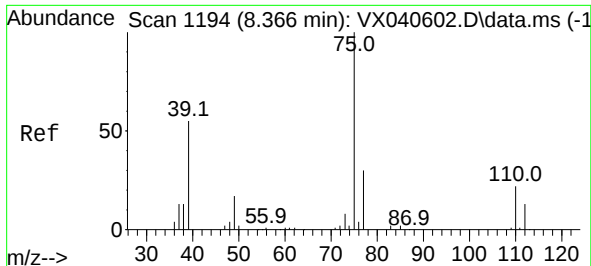
Ion Ratio Lower Upper

83 100

85 70.3 42.8 79.4

127 9.8 6.5 9.7#

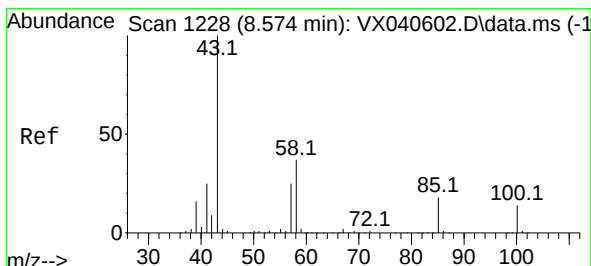
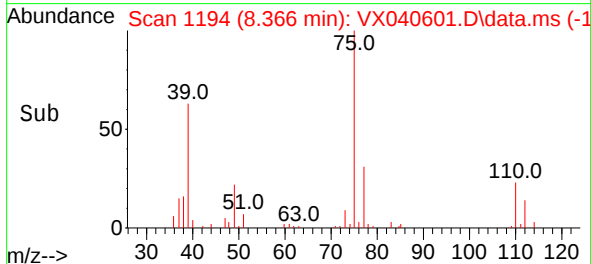
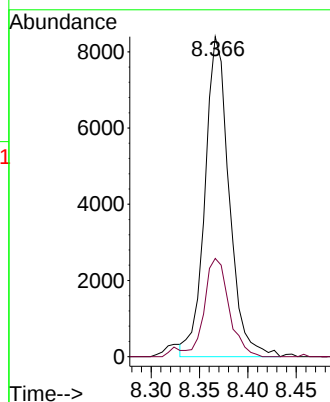
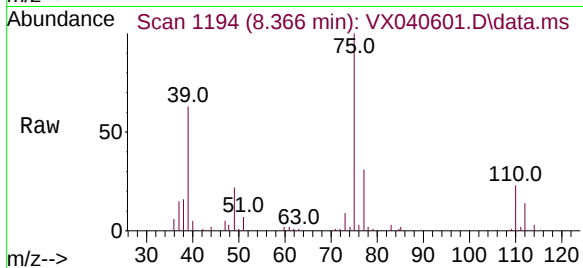




#39
 cis-1,3-Dichloropropene
 Concen: 7.581 ug/L
 RT: 8.366 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: VX040601.D
 Acq: 06 Mar 2024 13:36

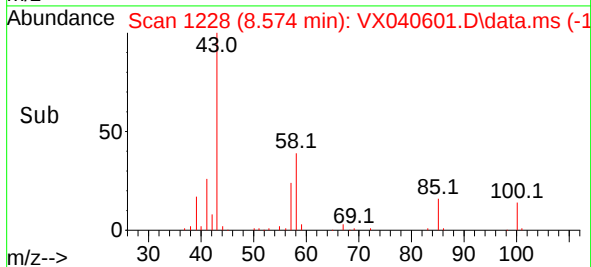
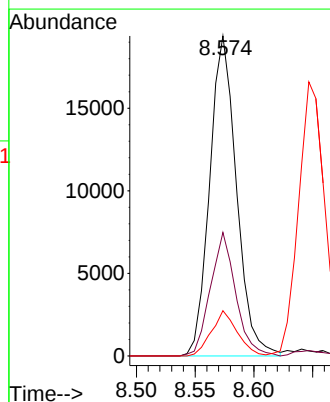
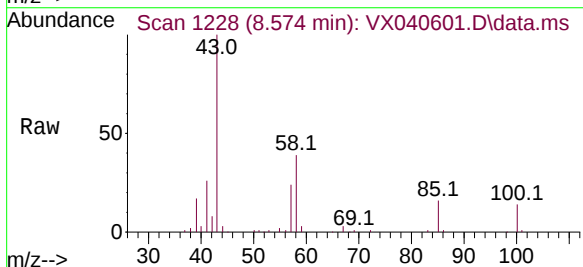
Instrument :
 MSVOA_X
 ClientSampleId :

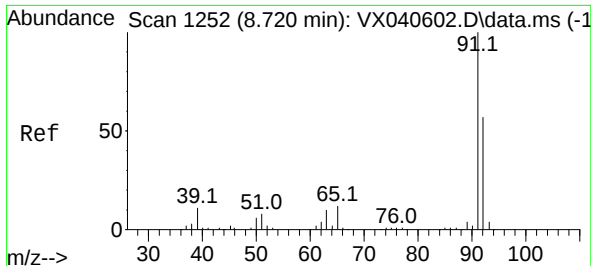
Tgt Ion: 75 Resp: 14659
 Ion Ratio Lower Upper
 75 100
 77 30.7 21.1 39.3



#40
 4-Methyl-2-pentanone
 Concen: 15.258 ug/L
 RT: 8.574 min Scan# 1228
 Delta R.T. -0.000 min
 Lab File: VX040601.D
 Acq: 06 Mar 2024 13:36

Tgt Ion: 43 Resp: 30793
 Ion Ratio Lower Upper
 43 100
 58 36.4 29.3 43.9
 100 13.7 10.7 16.1





#42

Toluene

Concen: 8.325 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX040601.D

Acq: 06 Mar 2024 13:36

Instrument :

MSVOA_X

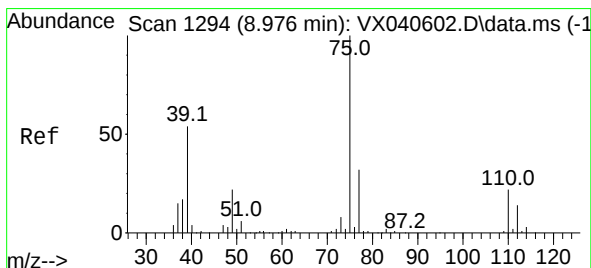
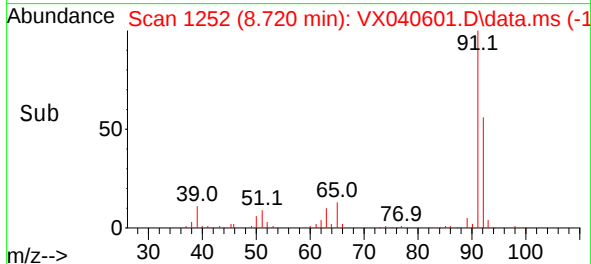
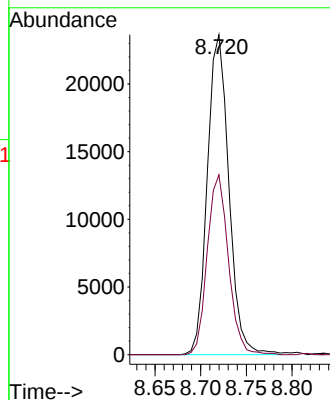
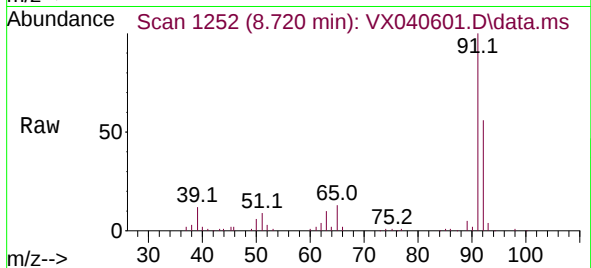
ClientSampleId :

Tgt Ion: 91 Resp: 38820

Ion Ratio Lower Upper

91 100

92 56.2 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 7.836 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX040601.D

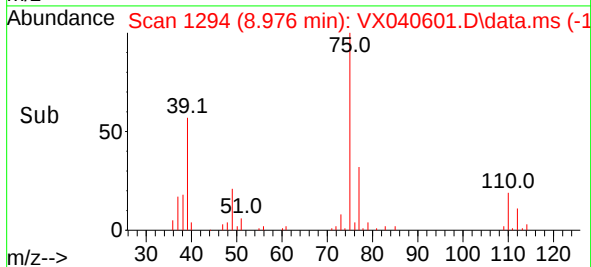
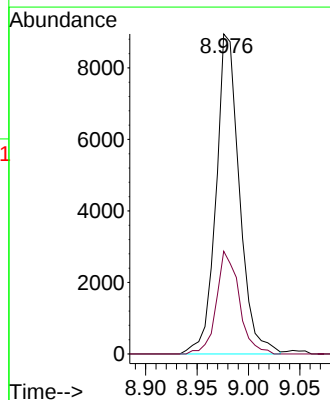
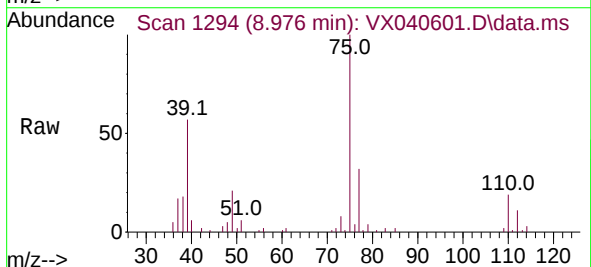
Acq: 06 Mar 2024 13:36

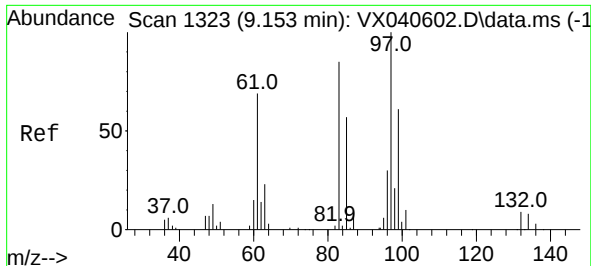
Tgt Ion: 75 Resp: 14173

Ion Ratio Lower Upper

75 100

77 32.1 22.1 41.1

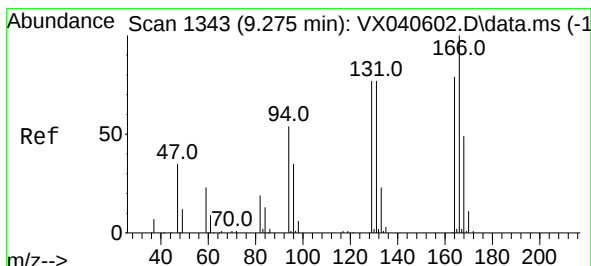
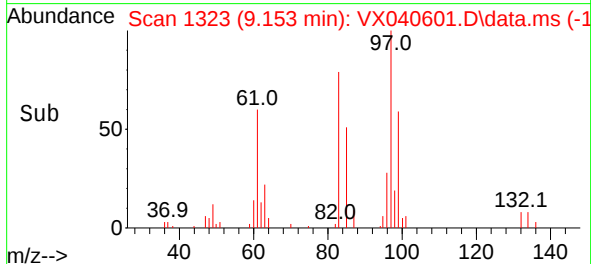
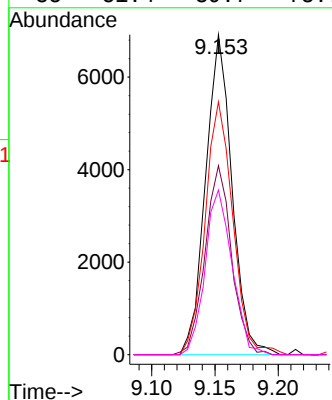
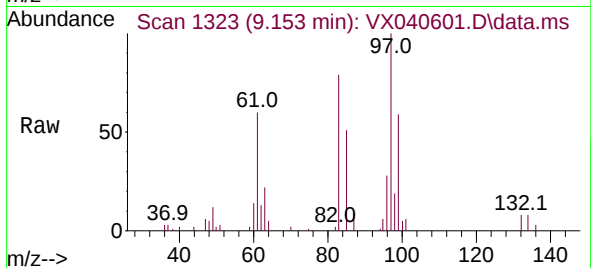




#45
1,1,2-Trichloroethane
Concen: 8.955 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX040601.D
Acq: 06 Mar 2024 13:36

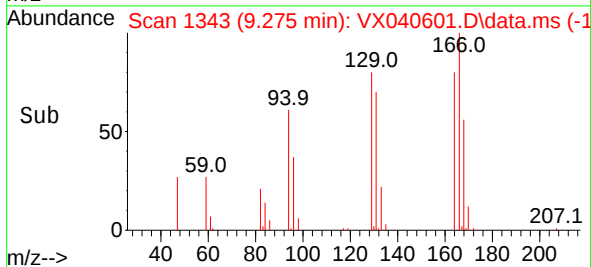
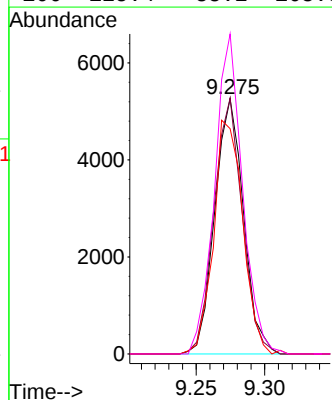
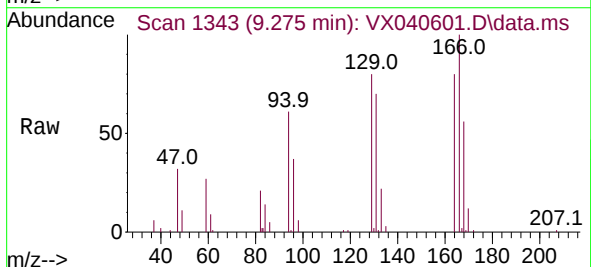
Instrument :
MSVOA_X
ClientSampleId :

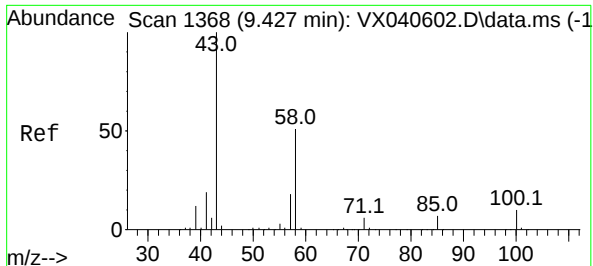
Tgt Ion: 97	Resp: 10072
Ion Ratio	Lower Upper
97 100	
99 59.0	42.6 79.0
83 79.0	59.2 110.0
85 51.4	39.7 73.7



#46
Tetrachloroethene
Concen: 9.716 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX040601.D
Acq: 06 Mar 2024 13:36

Tgt Ion:164	Resp: 7667		
Ion	Ratio	Lower	Upper
164	100		
129	100.3	67.8	126.0
131	88.3	67.8	126.0
166	125.4	88.2	163.8

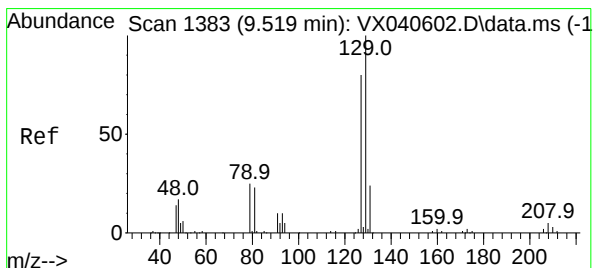
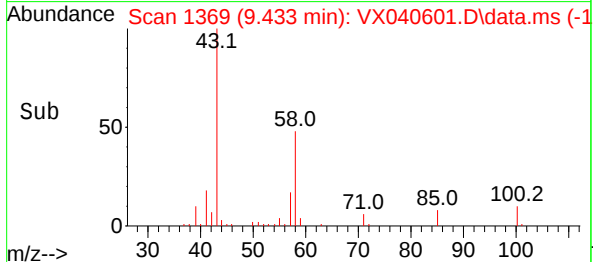
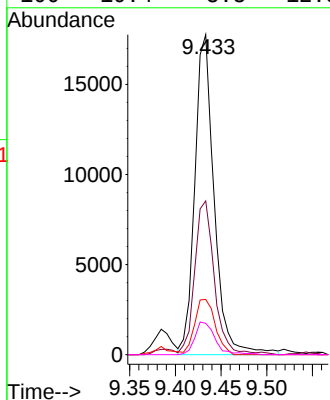
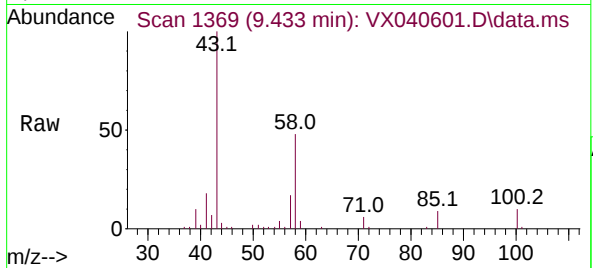




#48
2-Hexanone
Concen: 15.648 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX040601.D
Acq: 06 Mar 2024 13:36

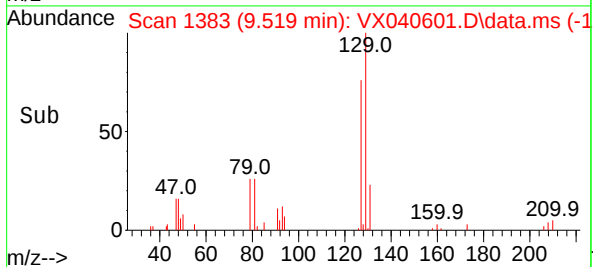
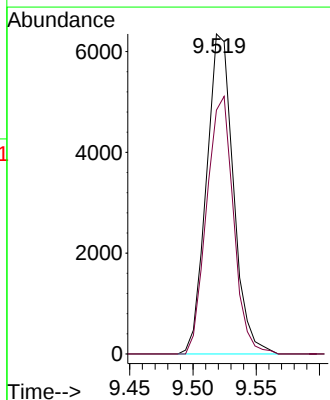
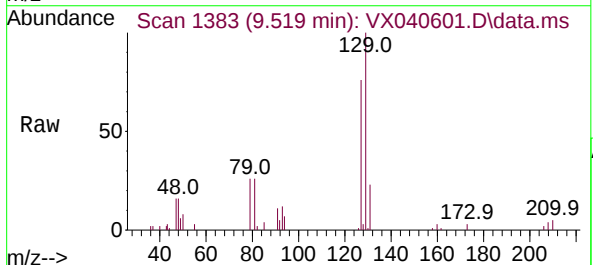
Instrument :
MSVOA_X
ClientSampleId :

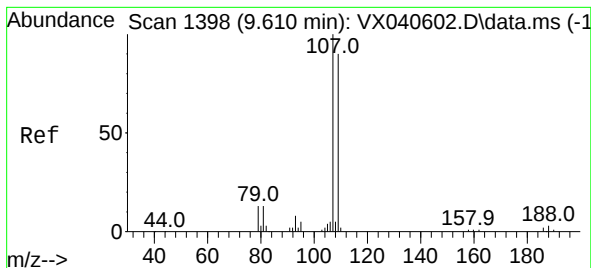
Tgt Ion: 43	Resp: 26265
Ion Ratio	Lower Upper
43 100	
58 48.4	41.0 61.6
57 18.1	14.8 22.2
100 10.4	8.3 12.5



#49
Dibromochloromethane
Concen: 8.474 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX040601.D
Acq: 06 Mar 2024 13:36

Tgt Ion: 129	Resp: 9406
Ion Ratio	Lower Upper
129 100	
127 76.2	55.8 103.6





#50

1,2-Dibromoethane

Concen: 8.168 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. -0.000 min MSVOA_X

Lab File: VX040601.D

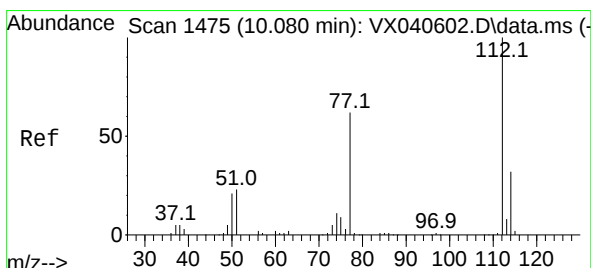
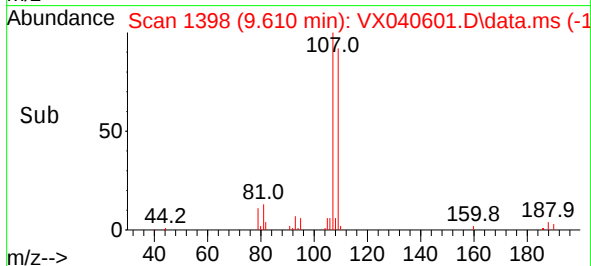
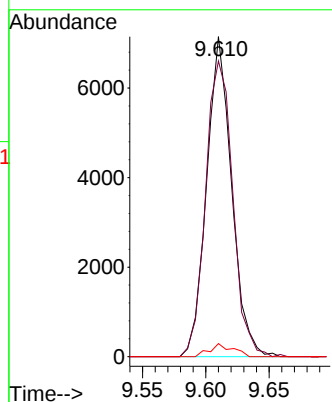
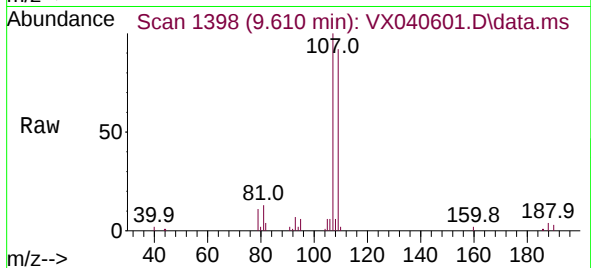
Acq: 06 Mar 2024 13:36

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:107	Resp:	9855
Ion Ratio	Lower	Upper
107	100	
109	92.4	62.9 116.7
188	4.1	2.5 3.7#



#51

Chlorobenzene

Concen: 8.646 ug/L

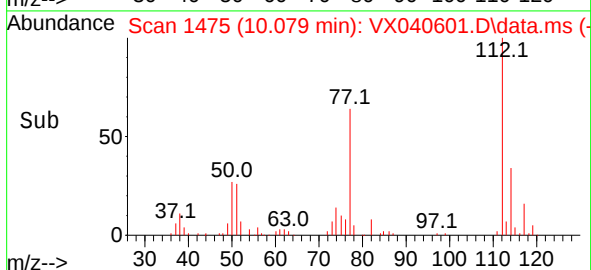
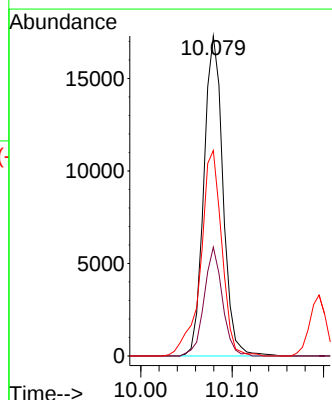
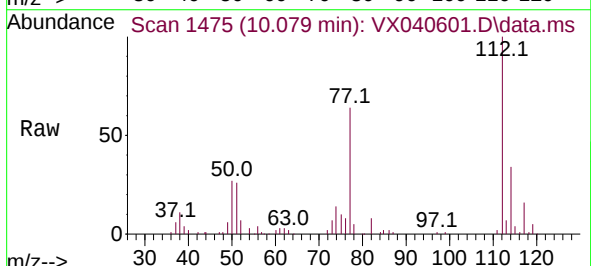
RT: 10.079 min Scan# 1475

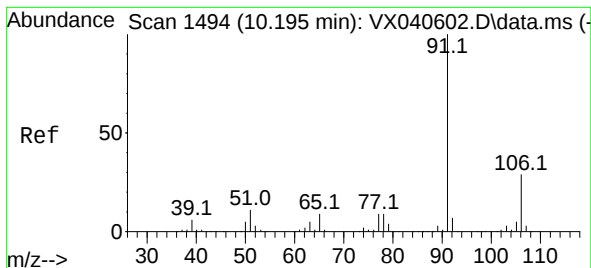
Delta R.T. -0.000 min

Lab File: VX040601.D

Acq: 06 Mar 2024 13:36

Tgt Ion:112	Resp:	25026
Ion Ratio	Lower	Upper
112	100	
114	34.0	22.4 41.6
77	64.2	50.6 75.8

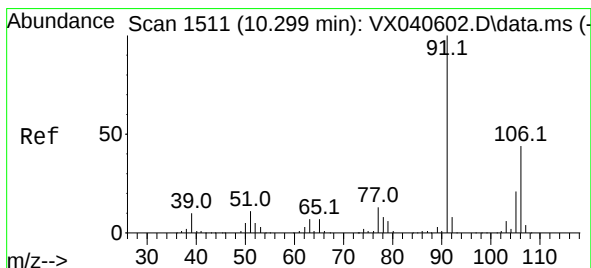
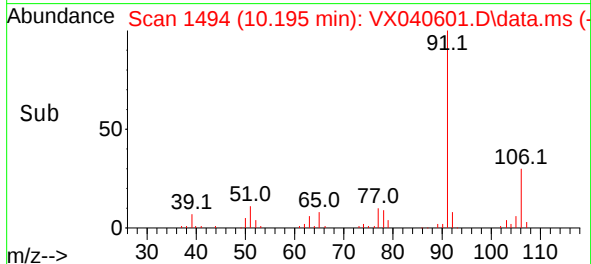
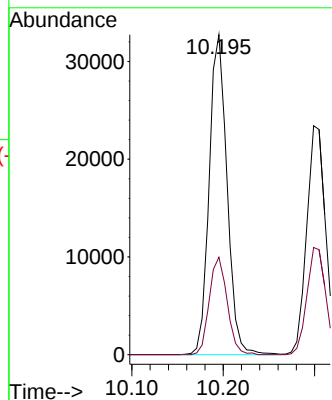
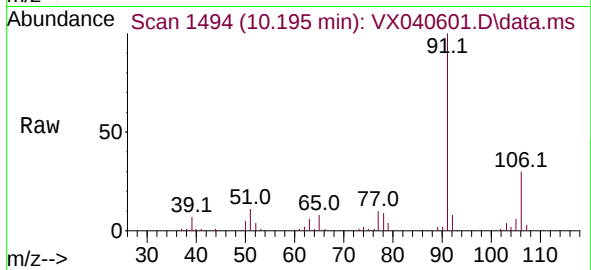




#52
Ethylbenzene
Concen: 8.448 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX040601.D
Acq: 06 Mar 2024 13:36

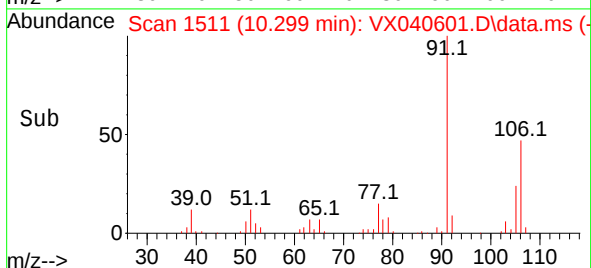
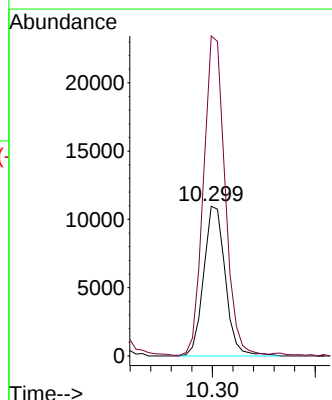
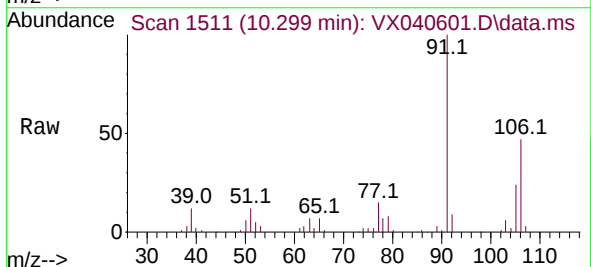
Instrument :
MSVOA_X
ClientSampleId :

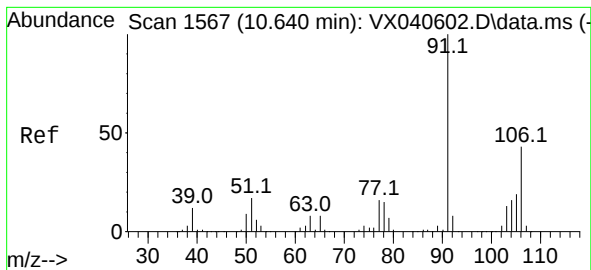
Tgt Ion: 91 Resp: 44337
Ion Ratio Lower Upper
91 100
106 30.5 20.6 38.4



#53
m,p-Xylene
Concen: 8.244 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX040601.D
Acq: 06 Mar 2024 13:36

Tgt Ion:106 Resp: 16073
Ion Ratio Lower Upper
106 100
91 213.7 160.4 298.0





#54

o-Xylene

Concen: 8.182 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX040601.D

Acq: 06 Mar 2024 13:36

Instrument :

MSVOA_X

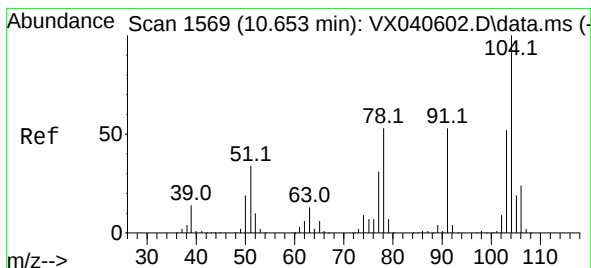
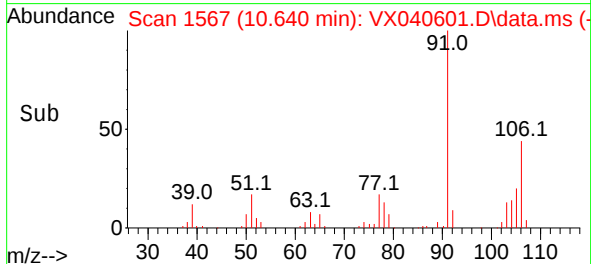
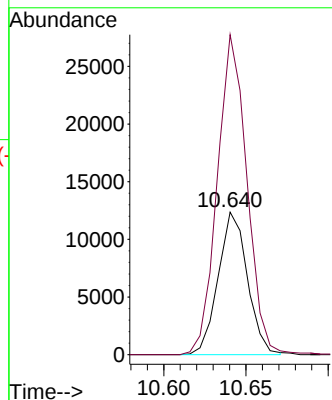
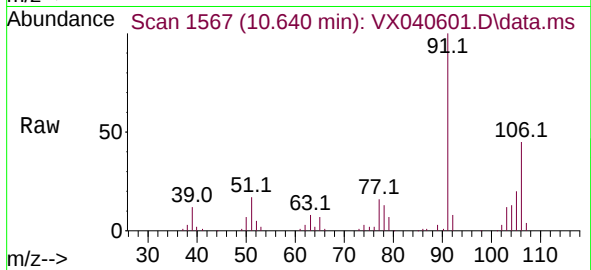
ClientSampleId :

Tgt Ion:106 Resp: 15315

Ion Ratio Lower Upper

106 100

91 224.5 161.7 300.3



#55

Styrene

Concen: 8.166 ug/L

RT: 10.659 min Scan# 1570

Delta R.T. 0.006 min

Lab File: VX040601.D

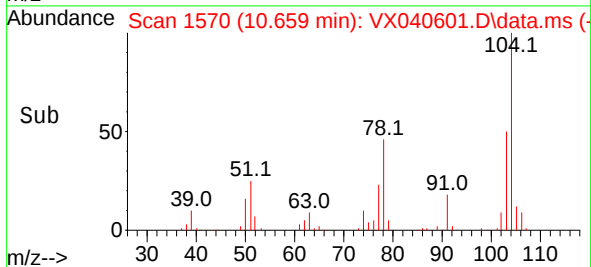
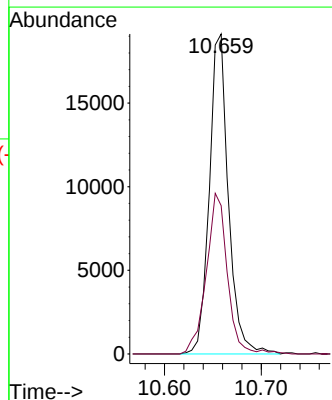
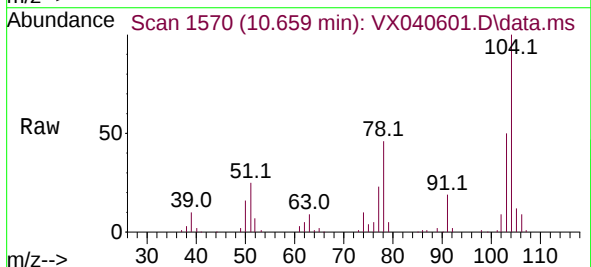
Acq: 06 Mar 2024 13:36

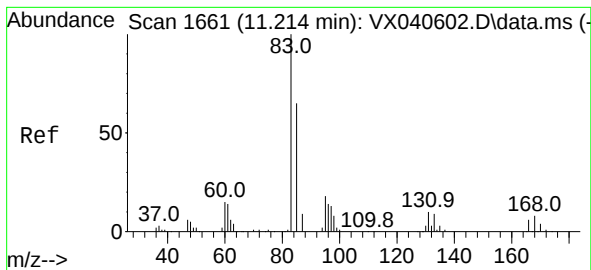
Tgt Ion:104 Resp: 26241

Ion Ratio Lower Upper

104 100

78 46.4 37.2 69.0





#57

1,1,2,2-Tetrachloroethane

Concen: 7.984 ug/L

RT: 11.213 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX040601.D

Acq: 06 Mar 2024 13:36

Instrument :

MSVOA_X

ClientSampleId :

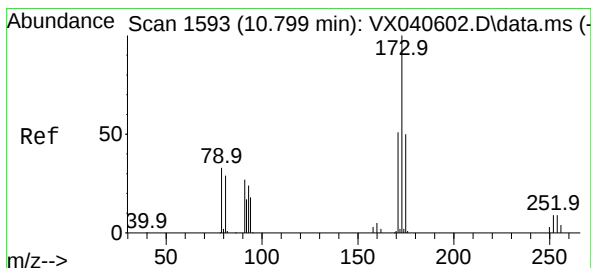
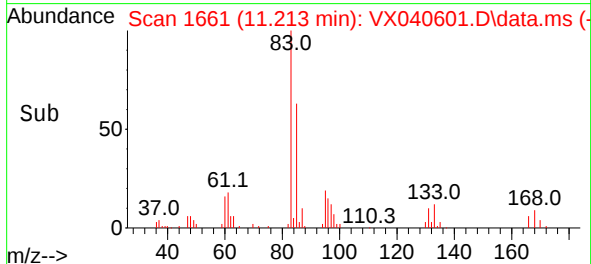
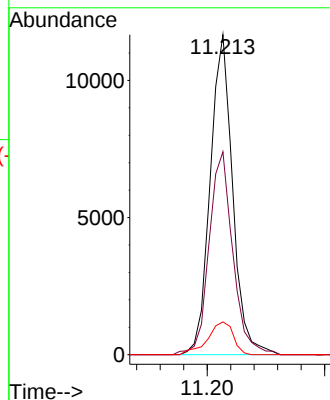
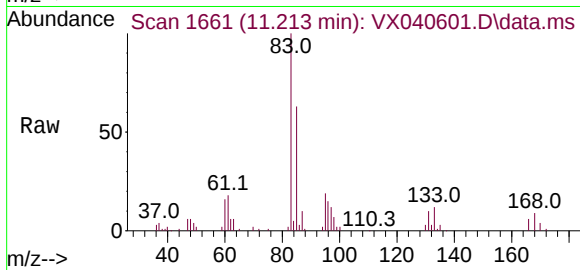
Tgt Ion: 83 Resp: 15478

Ion Ratio Lower Upper

83 100

85 63.4 45.2 84.0

131 10.2 8.2 12.2



#59

Bromoform

Concen: 8.559 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX040601.D

Acq: 06 Mar 2024 13:36

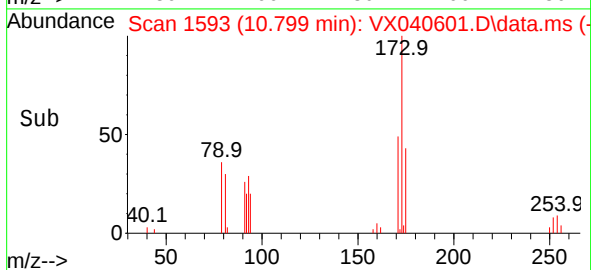
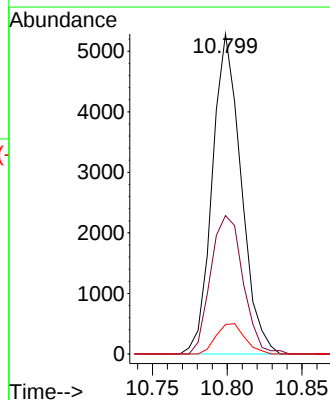
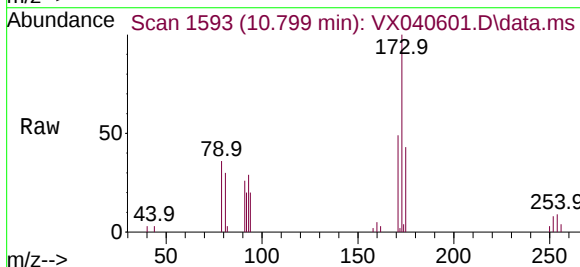
Tgt Ion:173 Resp: 7087

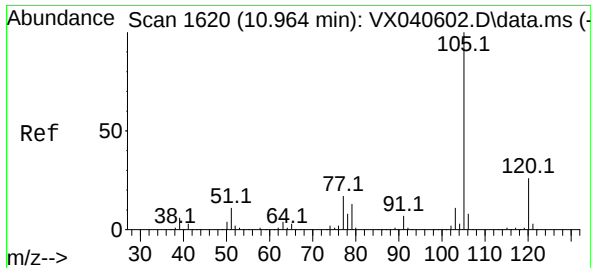
Ion Ratio Lower Upper

173 100

175 48.2 39.4 59.0

254 9.4 7.9 11.9

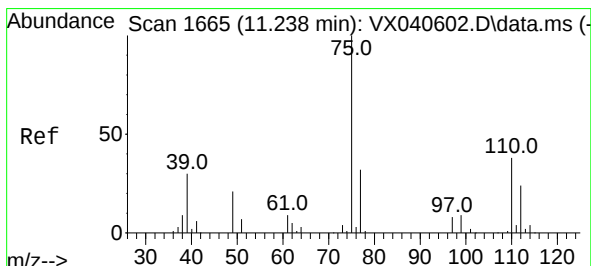
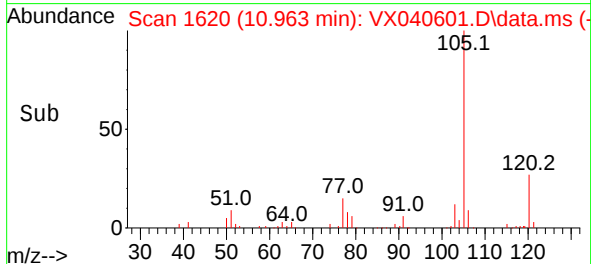
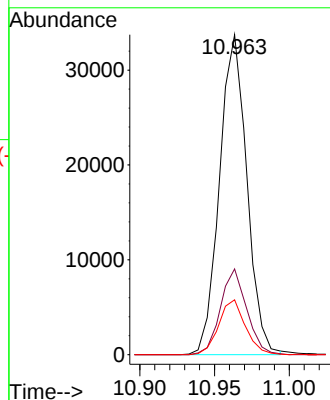
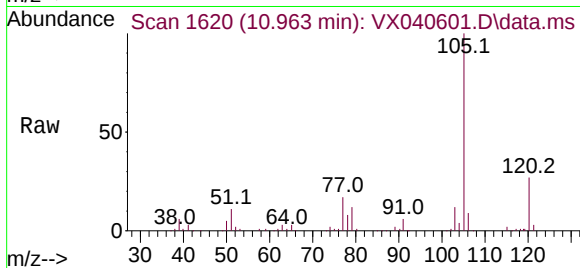




#60
Isopropylbenzene
Concen: 8.468 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX040601.D
Acq: 06 Mar 2024 13:36

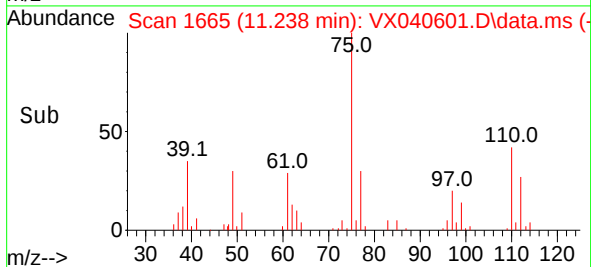
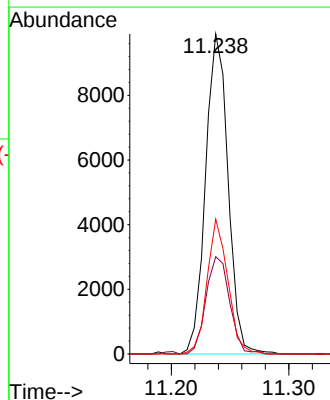
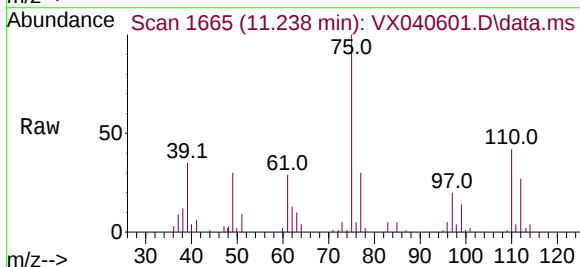
Instrument :
MSVOA_X
ClientSampleId :

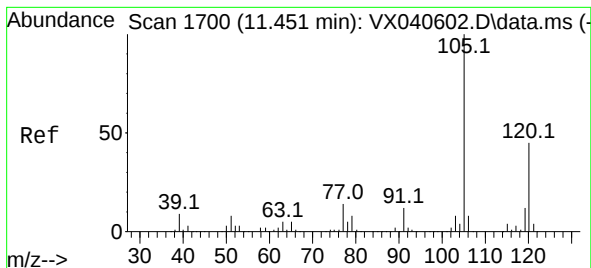
Tgt Ion:105 Resp: 42895
Ion Ratio Lower Upper
105 100
120 25.7 20.1 30.1
77 16.8 13.9 20.9



#61
1,2,3-Trichloropropane
Concen: 8.712 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX040601.D
Acq: 06 Mar 2024 13:36

Tgt Ion: 75 Resp: 13177
Ion Ratio Lower Upper
75 100
77 31.6 25.7 38.5
110 38.8 31.0 46.4





#62

1,3,5-Trimethylbenzene

Concen: 7.983 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX040601.D

Acq: 06 Mar 2024 13:36

Instrument :

MSVOA_X

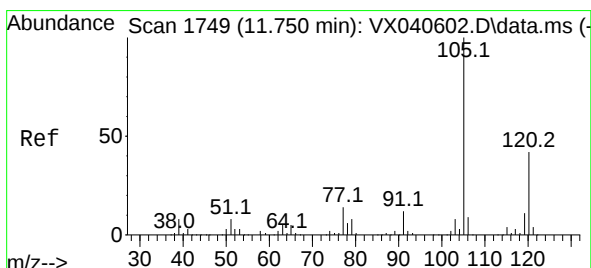
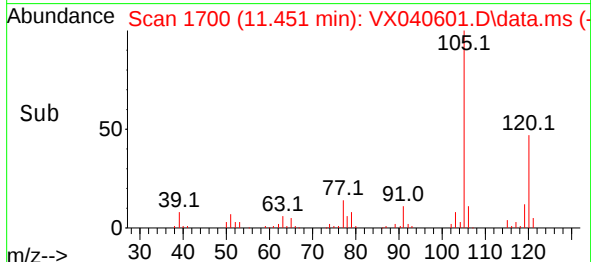
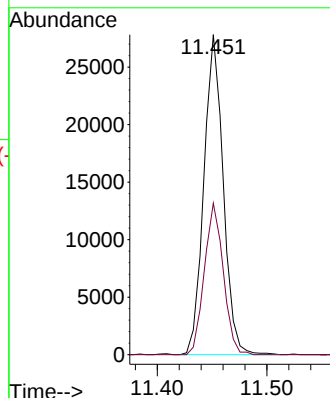
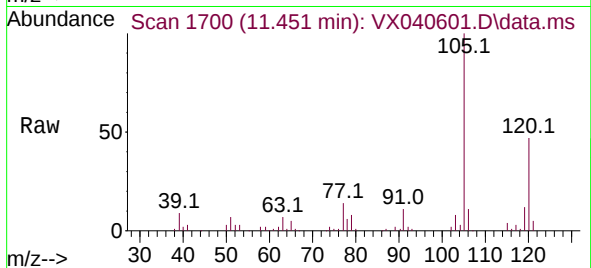
ClientSampleId :

Tgt Ion:105 Resp: 34109

Ion Ratio Lower Upper

105 100

120 46.3 36.2 54.2



#63

1,2,4-Trimethylbenzene

Concen: 7.907 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX040601.D

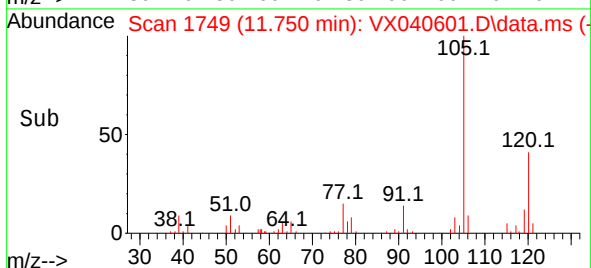
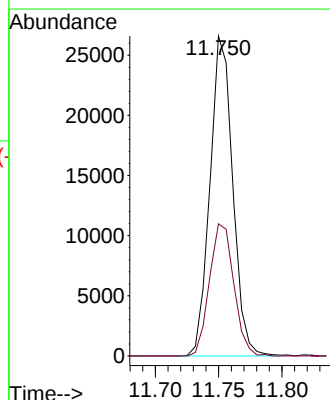
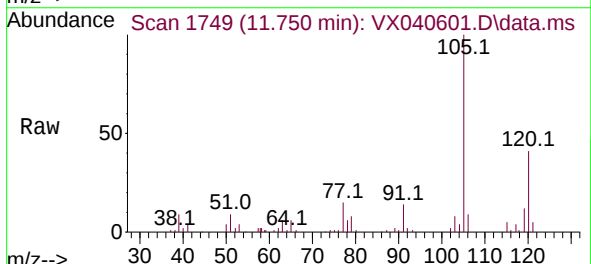
Acq: 06 Mar 2024 13:36

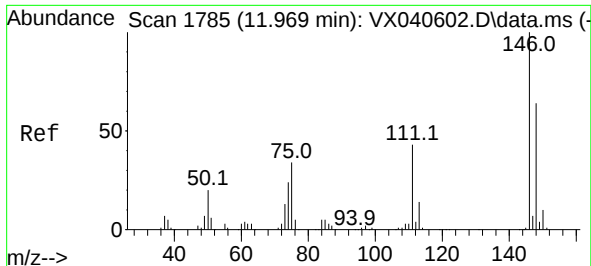
Tgt Ion:105 Resp: 33286

Ion Ratio Lower Upper

105 100

120 44.1 33.9 50.9

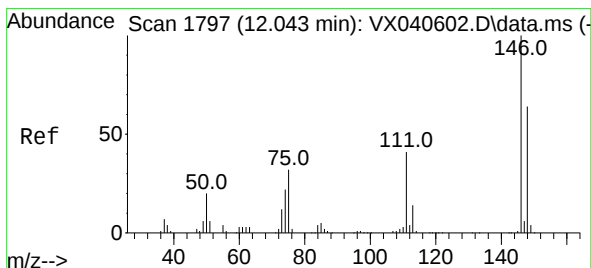
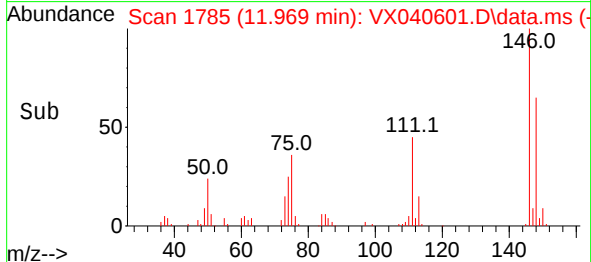
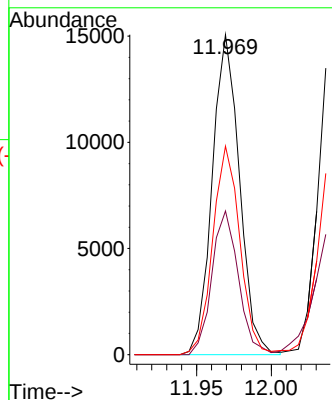
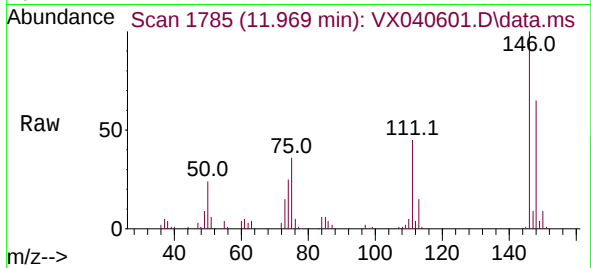




#64
1,3-Dichlorobenzene
Concen: 8.923 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX040601.D
Acq: 06 Mar 2024 13:36

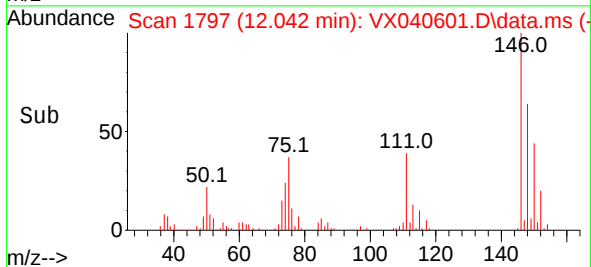
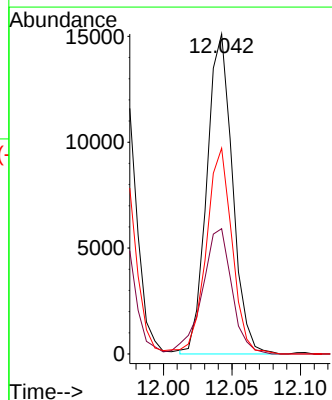
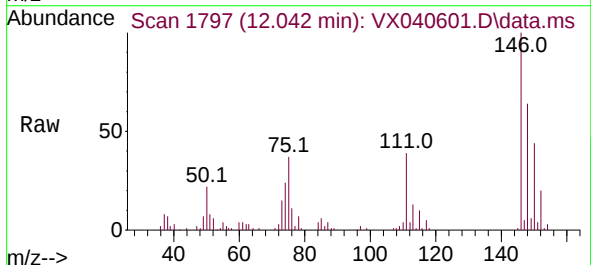
Instrument :
MSVOA_X
ClientSampleId :

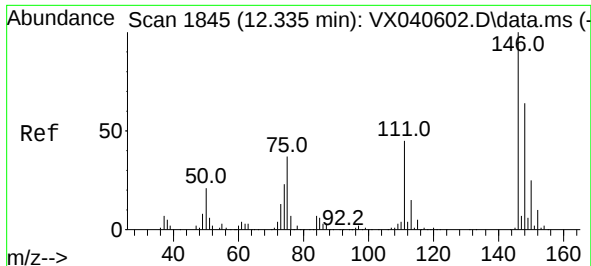
Tgt Ion:146 Resp: 19077
Ion Ratio Lower Upper
146 100
111 44.9 30.0 55.6
148 65.2 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 9.029 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX040601.D
Acq: 06 Mar 2024 13:36

Tgt Ion:146 Resp: 19668
Ion Ratio Lower Upper
146 100
111 39.2 28.8 53.4
148 64.3 45.1 83.7





#67

1,2-Dichlorobenzene

Concen: 9.073 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX040601.D

Acq: 06 Mar 2024 13:36

Instrument :

MSVOA_X

ClientSampleId :

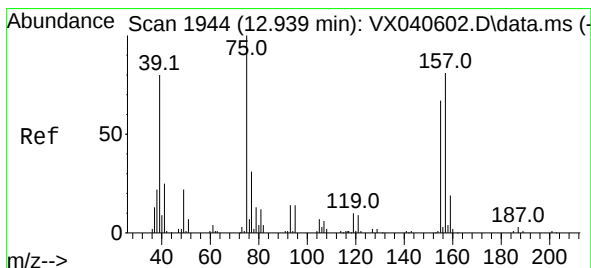
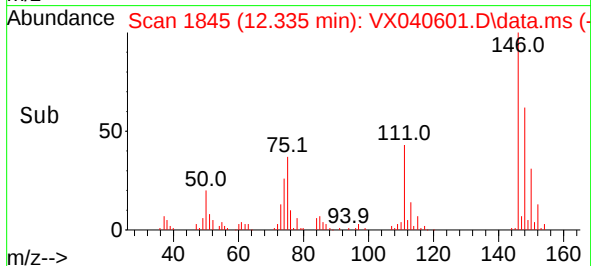
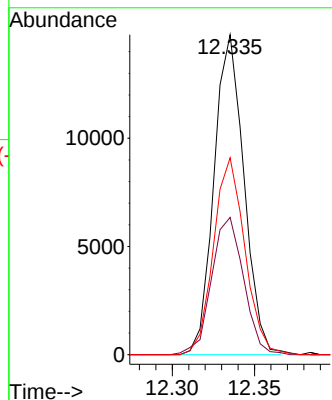
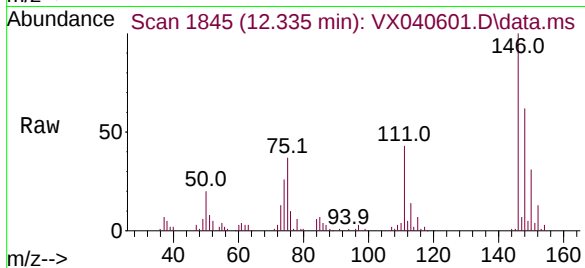
Tgt Ion:146 Resp: 18727

Ion Ratio Lower Upper

146 100

111 42.9 35.8 53.8

148 61.6 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 8.004 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. 0.006 min

Lab File: VX040601.D

Acq: 06 Mar 2024 13:36

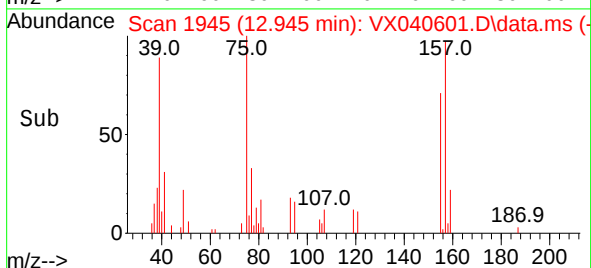
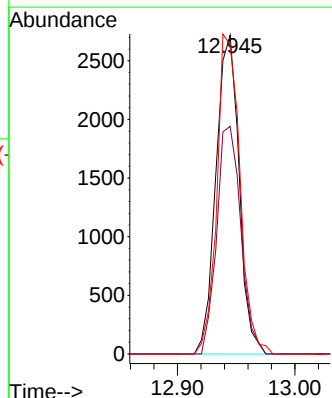
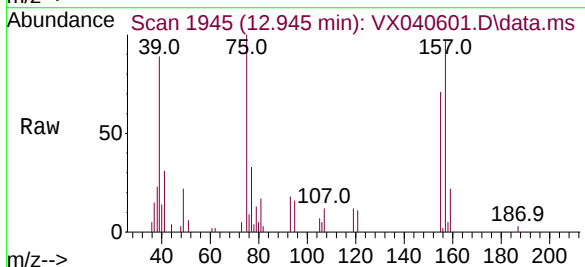
Tgt Ion: 75 Resp: 3710

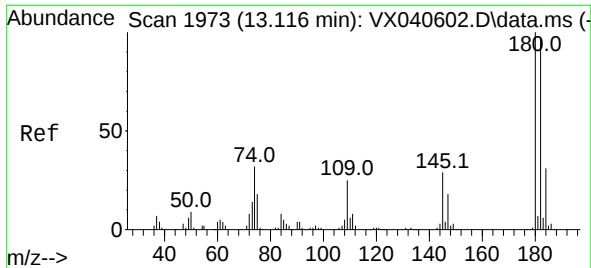
Ion Ratio Lower Upper

75 100

155 71.4 53.9 80.9

157 97.0 64.5 96.7#





#69

1,3,5-Trichlorobenzene

Concen: 8.454 ug/L

RT: 13.109 min Scan# 1973

Delta R.T. -0.006 min

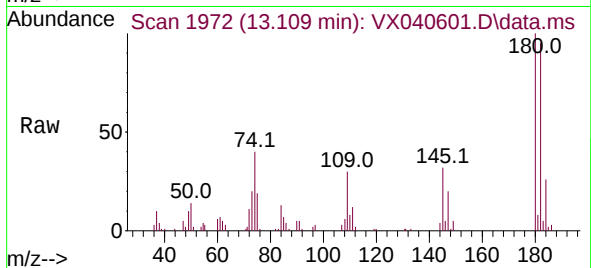
Lab File: VX040601.D

Acq: 06 Mar 2024 13:36

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 12180

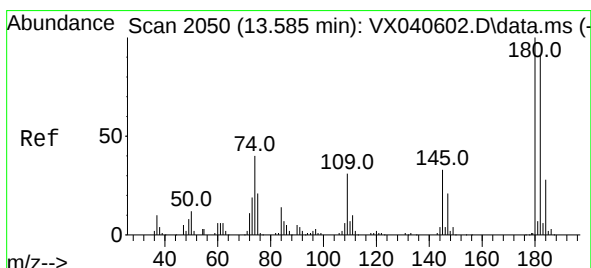
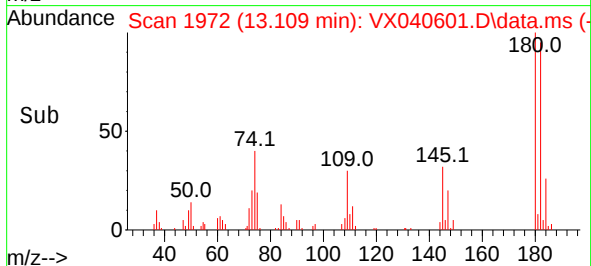
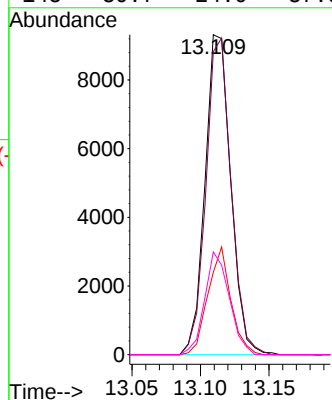
Ion Ratio Lower Upper

180 100

182 96.8 76.6 115.0

184 29.9 24.3 36.5

145 30.7 24.9 37.3



#70

1,2,4-trichlorobenzene

Concen: 8.164 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX040601.D

Acq: 06 Mar 2024 13:36

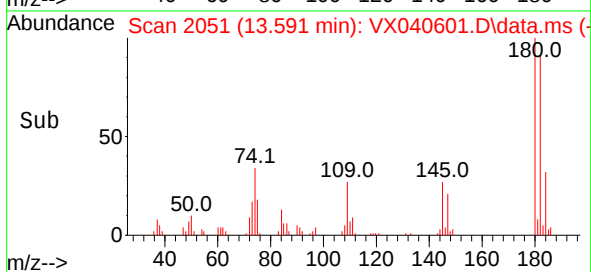
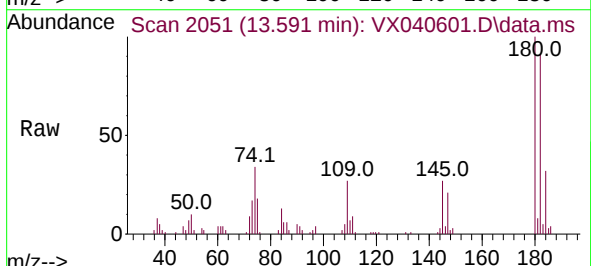
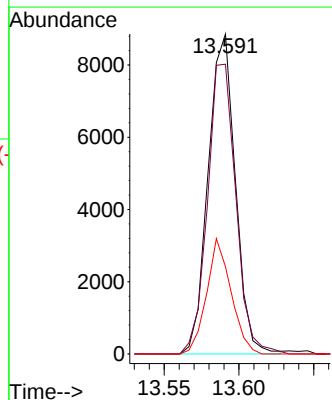
Tgt Ion:180 Resp: 11196

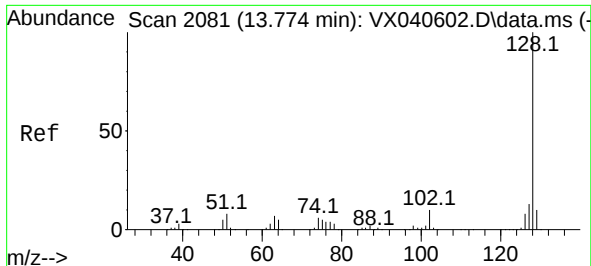
Ion Ratio Lower Upper

180 100

182 94.5 75.1 112.7

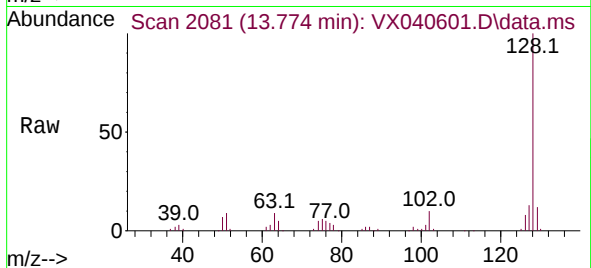
145 32.5 26.2 39.4



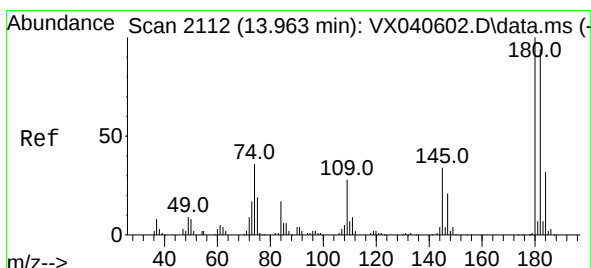
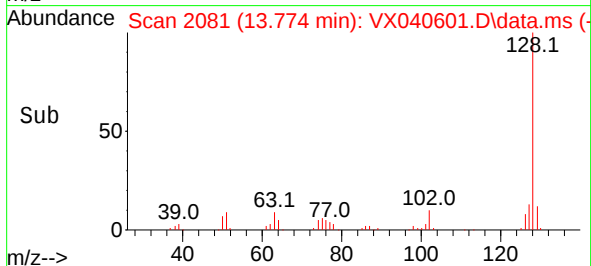
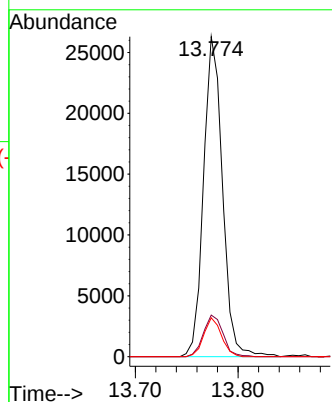


#71
Naphthalene
Concen: 7.301 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX040601.D
Acq: 06 Mar 2024 13:36

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 33833
Ion Ratio Lower Upper
128 100
127 13.5 10.4 15.6
129 11.4 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 8.169 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX040601.D
Acq: 06 Mar 2024 13:36

Tgt Ion:180 Resp: 10865
Ion Ratio Lower Upper
180 100
182 94.1 76.9 115.3
145 34.6 27.8 41.8

