

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030824\
 Data File : VX040616.D
 Acq On : 07 Mar 2024 12:28
 Operator : JC/MD
 Sample : P1601-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 08 01:28:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML030724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 08 01:27:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	158129	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	146611	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	65458	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	63166	45.570	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.140%
7) Chloroethane-d5	1.666	69	50962	46.051	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.100%
11) 1,1-Dichloroethene-d2	2.300	65	29274	45.878	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.760%
21) 2-Butanone-d5	4.446	46	105272	98.969	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.970%
24) Chloroform-d	5.050	84	120601	46.850	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.700%
26) 1,2-Dichloroethane-d4	5.952	65	91263	47.487	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.980%
32) Benzene-d6	5.970	84	226905	50.446	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.900%
36) 1,2-Dichloropropane-d6	7.305	67	71130	51.024	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.040%
41) Toluene-d8	8.647	98	205247	47.349	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.700%
43) trans-1,3-Dichloroprop...	8.945	79	35985	48.500	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.000%
47) 2-Hexanone-d5	9.378	63	76819	99.869	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.870%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	104038	49.846	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.700%
66) 1,2-Dichlorobenzene-d4	12.317	152	70563	51.469	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.940%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.166	85	3017	2.138 ug/L	99
3) Chloromethane	1.300	50	2726	2.222 ug/L	89
5) Vinyl chloride	1.374	62	3172	2.390 ug/L #	80
6) Bromomethane	1.611	94	1795	2.547 ug/L	91
8) Chloroethane	1.685	64	1575	2.069 ug/L	88
9) Trichlorofluoromethane	1.886	101	4264	2.309 ug/L	96
10) 1,1,2-Trichloro-1,2,-...	2.331	101	3290	3.003 ug/L #	82
12) 1,1-Dichloroethene	2.319	96	2990	3.102 ug/L #	1
13) Acetone	2.380	43	3467	4.564 ug/L	92
14) Carbon disulfide	2.508	76	6042	2.166 ug/L	99
15) Methyl Acetate	2.703	43	2590	2.020 ug/L #	89
16) Methylene chloride	2.788	84	2375	2.237 ug/L	88
17) trans-1,2-Dichloroethene	3.087	96	2221	2.245 ug/L	80
18) Methyl tert-butyl Ether	3.117	73	7590	2.218 ug/L	97
19) 1,1-Dichloroethane	3.611	63	4262	2.217 ug/L #	86
20) cis-1,2-Dichloroethene	4.477	96	2373	2.139 ug/L	78
23) Bromochloromethane	4.897	128	1395	2.465 ug/L #	63
25) Chloroform	5.086	83	8930	4.116 ug/L	98
27) 1,2-Dichloroethane	6.074	62	4348	2.280 ug/L	98

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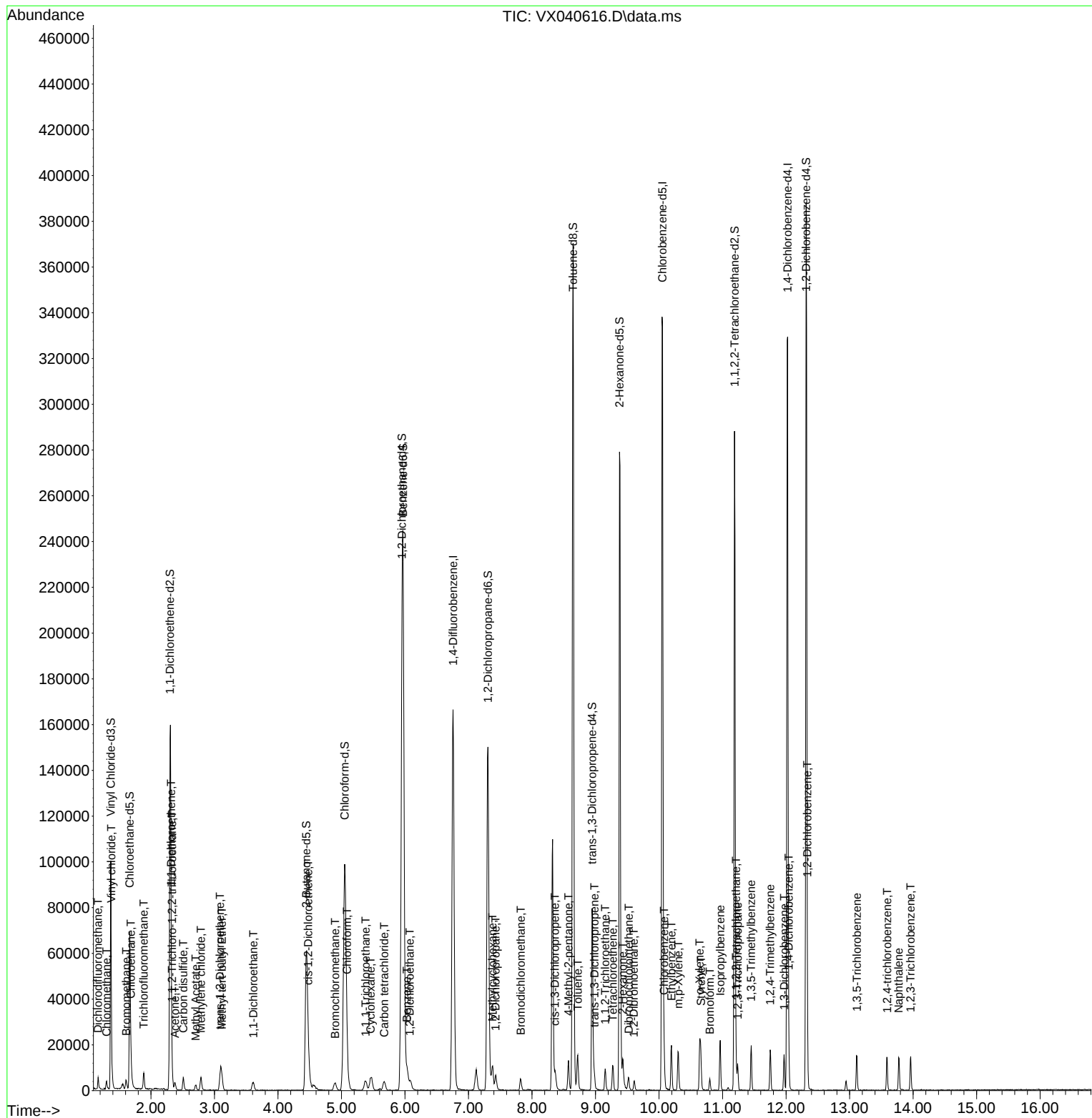
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	5.458	56	2076	1.289	ug/L	86
30) 1,1,1-Trichloroethane	5.379	97	4055	2.221	ug/L	98
31) Carbon tetrachloride	5.672	117	3294	2.149	ug/L	95
33) Benzene	6.031	78	9026	2.292	ug/L	100
35) Methylcyclohexane	7.379	83	4483	2.638	ug/L	96
37) 1,2-Dichloropropane	7.427	63	2676	2.566	ug/L #	88
38) Bromodichloromethane	7.824	83	3423	2.220	ug/L #	96
39) cis-1,3-Dichloropropene	8.360	75	3914	2.230	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	7240	4.050	ug/L	96
42) Toluene	8.720	91	10082	2.333	ug/L	94
44) trans-1,3-Dichloropropene	8.982	75	3836	2.243	ug/L	100
45) 1,1,2-Trichloroethane	9.153	97	2350	2.183	ug/L	94
46) Tetrachloroethene	9.275	164	2010	2.408	ug/L	93
48) 2-Hexanone	9.427	43	7032	4.748	ug/L	97
49) Dibromochloromethane	9.525	129	2273	2.021	ug/L	99
50) 1,2-Dibromoethane	9.604	107	2464	2.129	ug/L #	87
51) Chlorobenzene	10.079	112	6282	2.244	ug/L	93
52) Ethylbenzene	10.195	91	11206	2.207	ug/L	100
53) m,p-Xylene	10.305	106	4042	2.190	ug/L	90
54) o-Xylene	10.640	106	3792	2.140	ug/L	90
55) Styrene	10.659	104	5786	1.874	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	4259	2.401	ug/L	85
59) Bromoform	10.799	173	1754	2.310	ug/L #	94
60) Isopropylbenzene	10.963	105	10926	2.486	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	3036	2.327	ug/L	95
62) 1,3,5-Trimethylbenzene	11.451	105	7735	2.123	ug/L	93
63) 1,2,4-Trimethylbenzene	11.750	105	7711	2.116	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	4595	2.388	ug/L	94
65) 1,4-Dichlorobenzene	12.042	146	5093	2.603	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	4484	2.451	ug/L #	84
69) 1,3,5-Trichlorobenzene	13.115	180	3787	2.932	ug/L	97
70) 1,2,4-trichlorobenzene	13.591	180	3460	2.889	ug/L	95
71) Naphthalene	13.774	128	8980	2.359	ug/L	98
72) 1,2,3-Trichlorobenzene	13.963	180	3481	2.950	ug/L	97

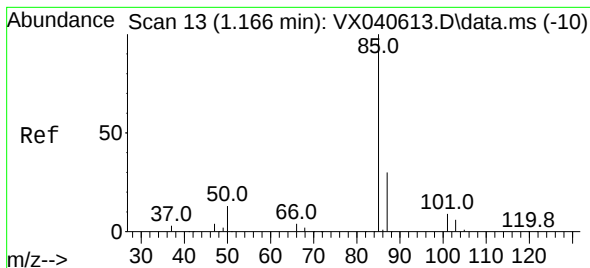
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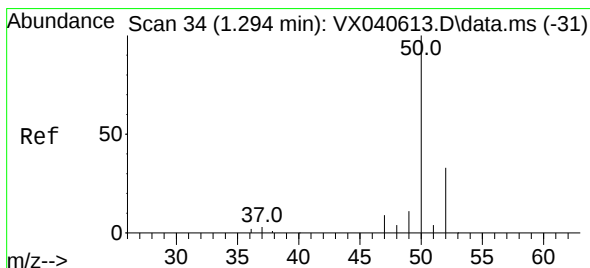
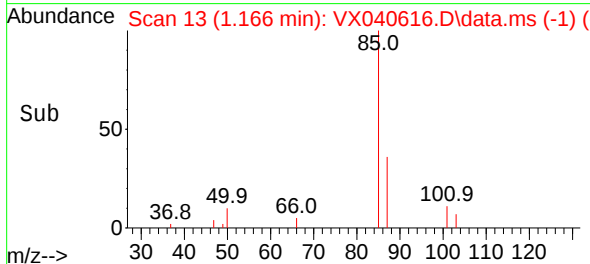
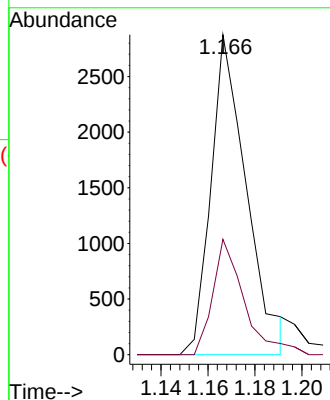
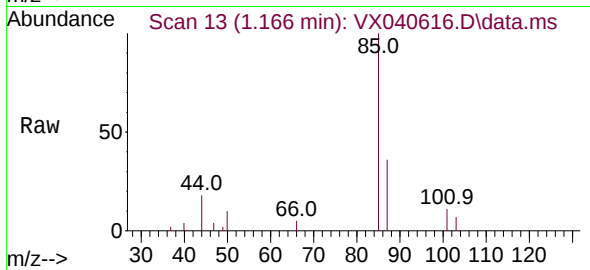




#2
Dichlorodifluoromethane
Concen: 2.138 ug/L
RT: 1.166 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX040616.D
Acq: 07 Mar 2024 12:28

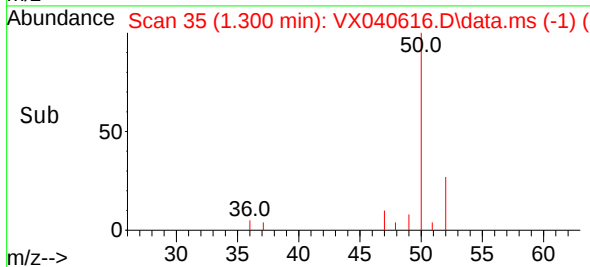
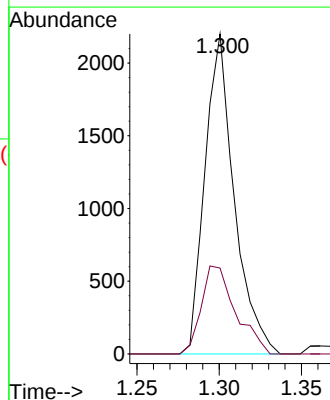
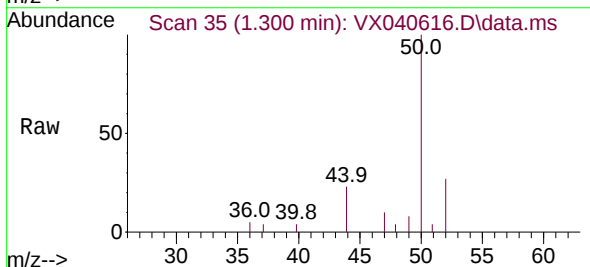
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MSVOA_X
ClientSampleId :

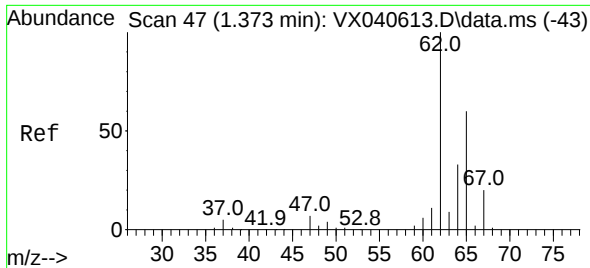
Tgt Ion: 85 Resp: 3017
Ion Ratio Lower Upper
85 100
87 32.0 26.1 39.1



#3
Chloromethane
Concen: 2.222 ug/L
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX040616.D
Acq: 07 Mar 2024 12:28

Tgt Ion: 50 Resp: 2726
Ion Ratio Lower Upper
50 100
52 26.9 23.1 42.9

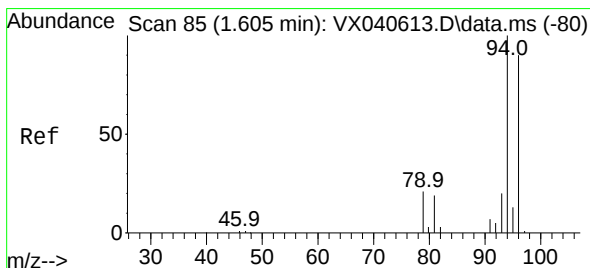
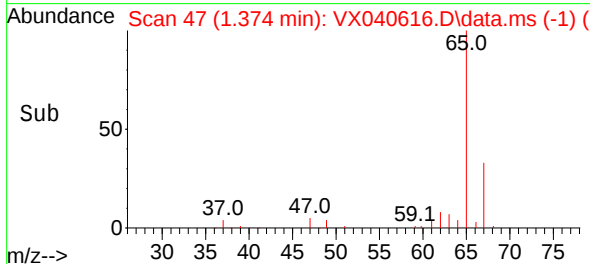
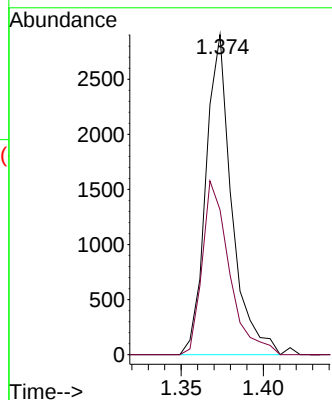
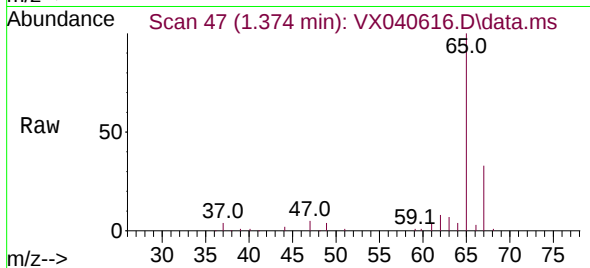




#5
Vinyl chloride
Concen: 2.390 ug/L
RT: 1.374 min Scan# 41
Delta R.T. 0.000 min
Lab File: VX040616.D
Acq: 07 Mar 2024 12:28

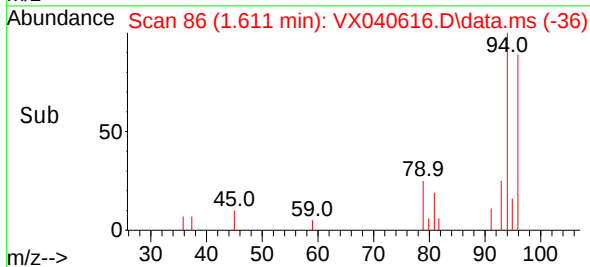
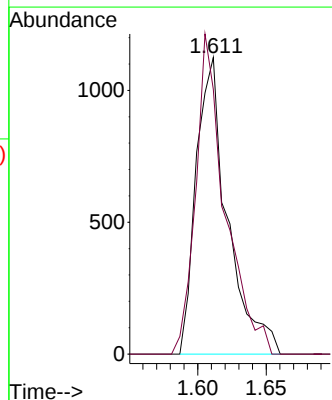
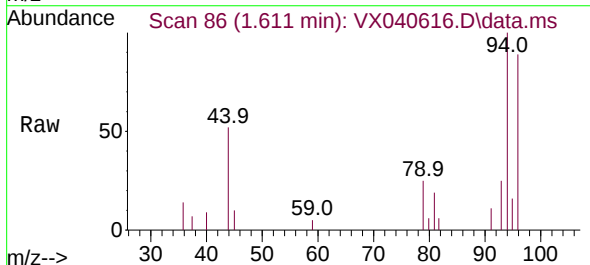
Instrument :
MSVOA_X
ClientSampleId :

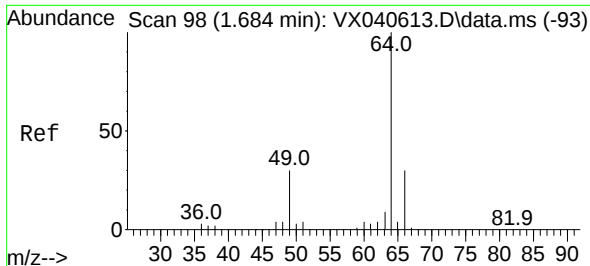
Tgt Ion: 62 Resp: 3172
Ion Ratio Lower Upper
62 100
64 45.2 23.8 44.2#



#6
Bromomethane
Concen: 2.547 ug/L
RT: 1.611 min Scan# 86
Delta R.T. 0.006 min
Lab File: VX040616.D
Acq: 07 Mar 2024 12:28

Tgt Ion: 94 Resp: 1795
Ion Ratio Lower Upper
94 100
96 89.2 69.0 128.2

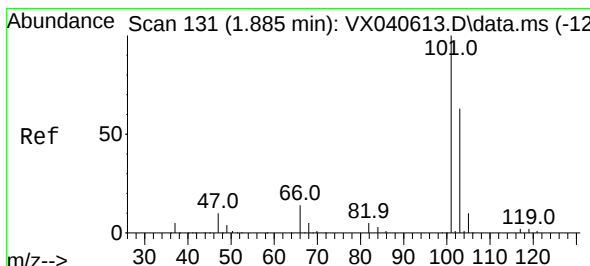
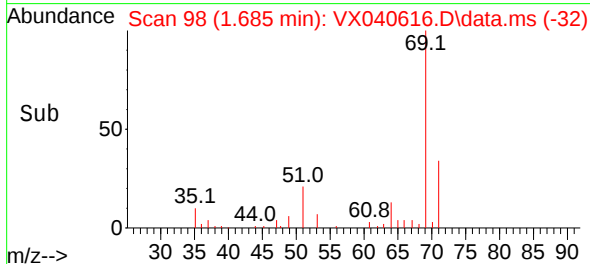
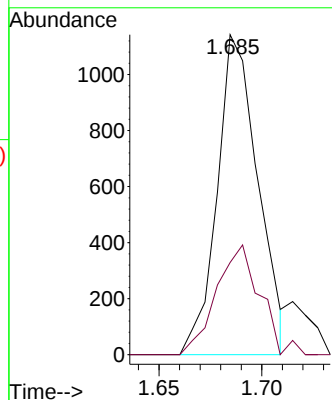
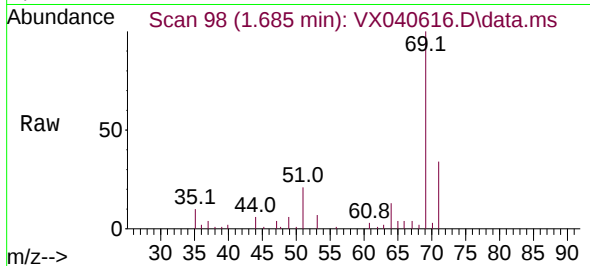




#8
Chloroethane
Concen: 2.069 ug/L
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX040616.D
Acq: 07 Mar 2024 12:28

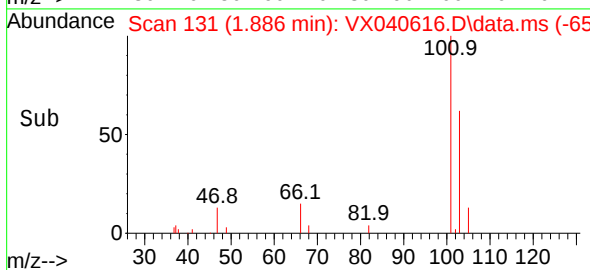
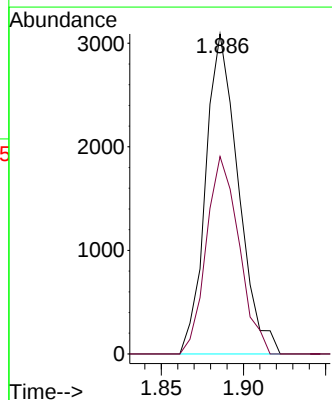
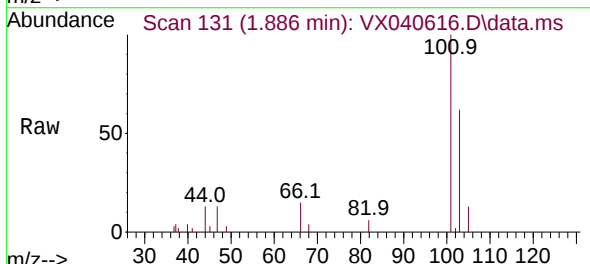
Instrument :
MSVOA_X
ClientSampleId :

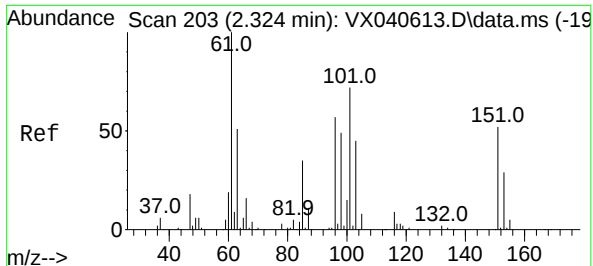
Tgt Ion: 64 Resp: 1575
Ion Ratio Lower Upper
64 100
66 28.8 25.0 46.4



#9
Trichlorofluoromethane
Concen: 2.309 ug/L
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX040616.D
Acq: 07 Mar 2024 12:28

Tgt Ion:101 Resp: 4264
Ion Ratio Lower Upper
101 100
103 61.8 51.7 77.5

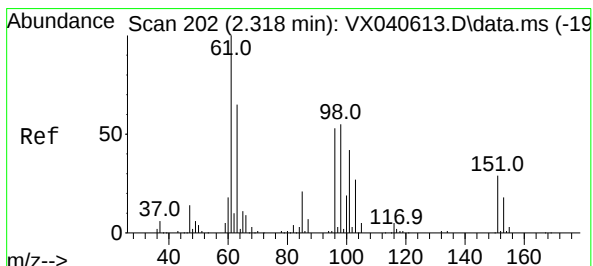
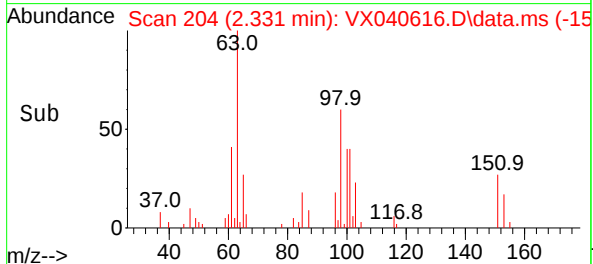
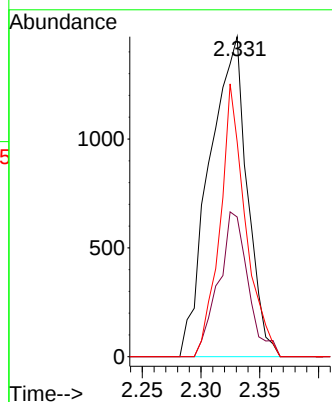
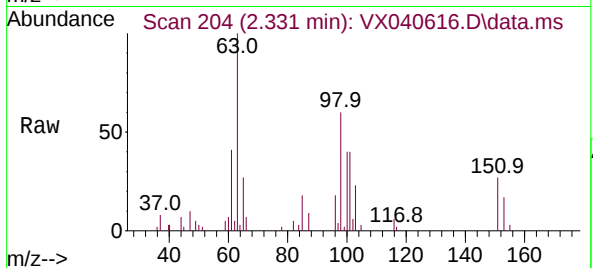




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 3.003 ug/L
RT: 2.331 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX040616.D
Acq: 07 Mar 2024 12:28

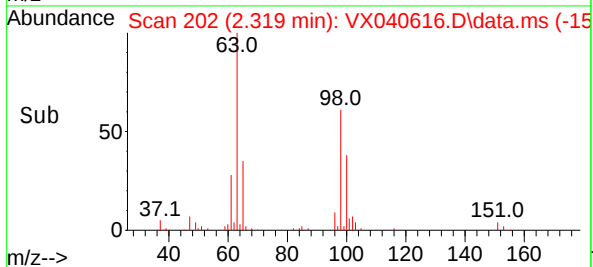
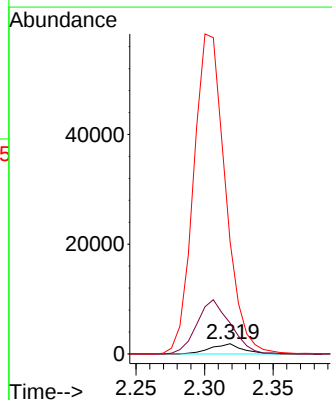
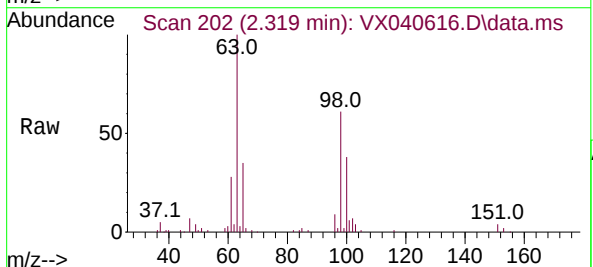
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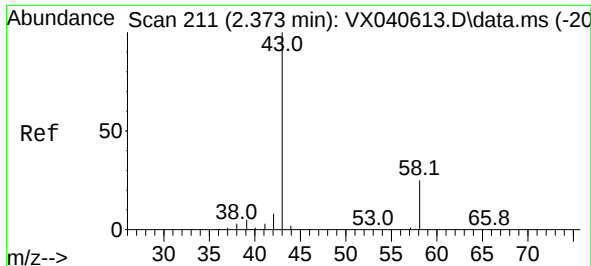
Tgt Ion:101 Resp: 3290
Ion Ratio Lower Upper
101 100
85 34.7 38.3 57.5#
151 57.7 57.7 86.5



#12
1,1-Dichloroethene
Concen: 3.102 ug/L
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX040616.D
Acq: 07 Mar 2024 12:28

Tgt Ion: 96 Resp: 2990
Ion Ratio Lower Upper
96 100
61 302.0 134.8 250.4#
63 1093.4 92.5 171.9#





#13

Acetone

Concen: 4.564 ug/L

RT: 2.380 min Scan# 211

Delta R.T. 0.006 min

Lab File: VX040616.D

Acq: 07 Mar 2024 12:28

Instrument :

MSVOA_X

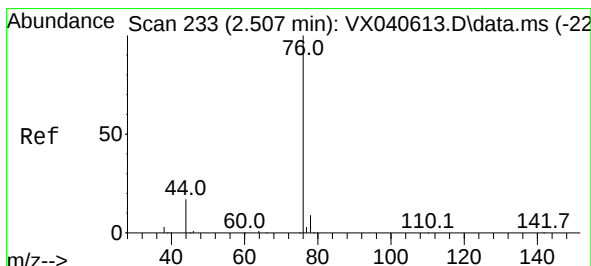
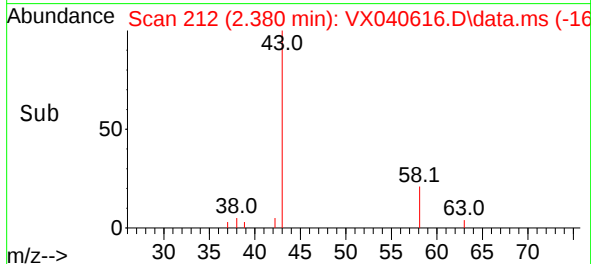
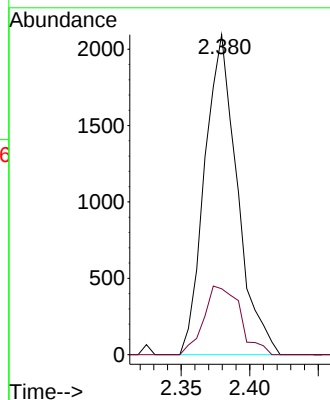
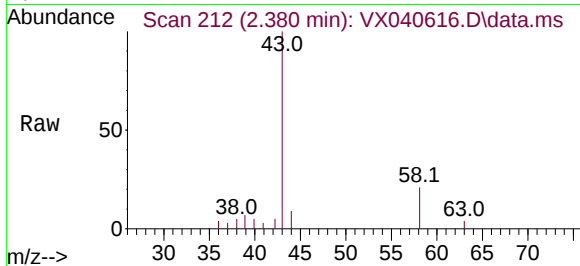
ClientSampleId :

Tgt Ion: 43 Resp: 3467

Ion Ratio Lower Upper

43 100

58 23.3 0.0 54.6



#14

Carbon disulfide

Concen: 2.166 ug/L

RT: 2.508 min Scan# 233

Delta R.T. 0.000 min

Lab File: VX040616.D

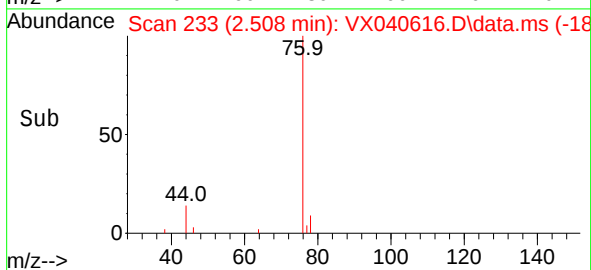
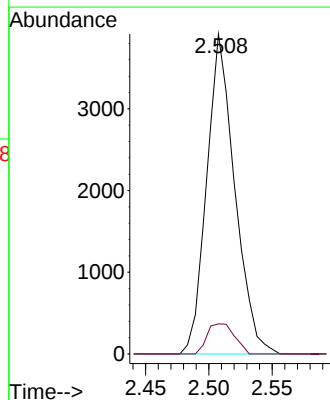
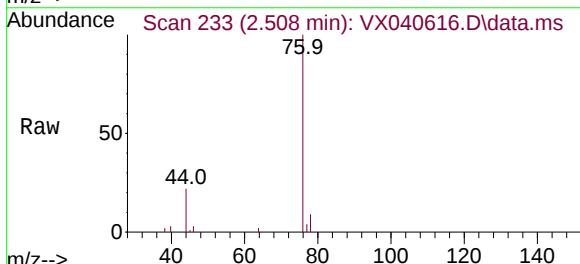
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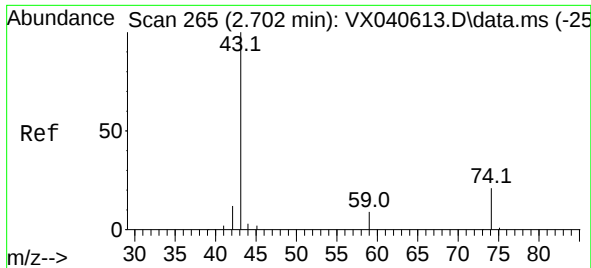
Tgt Ion: 76 Resp: 6042

Ion Ratio Lower Upper

76 100

78 9.4 7.2 10.8





#15

Methyl Acetate

Concen: 2.020 ug/L

RT: 2.703 min Scan# 2

Delta R.T. 0.000 min

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Instrument :

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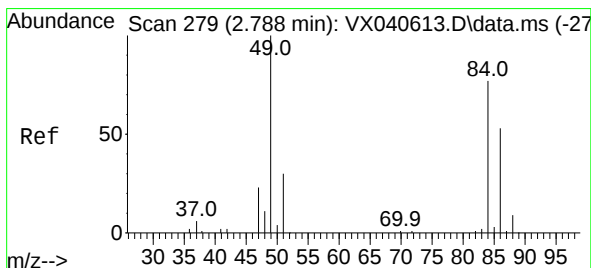
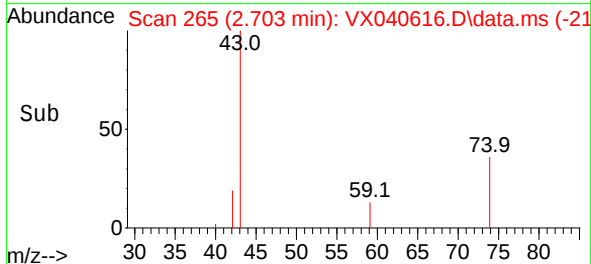
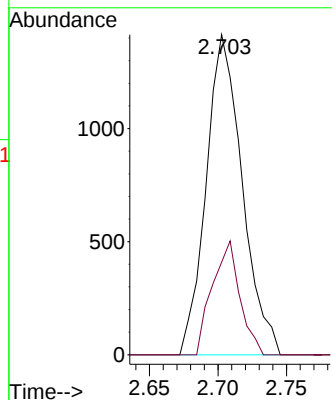
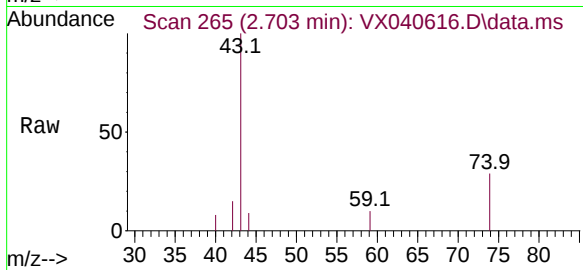
ClientSampleId :

Tgt Ion: 43 Resp: 2590

Ion Ratio Lower Upper

43 100

74 27.2 17.6 26.4#



#16

Methylene chloride

Concen: 2.237 ug/L

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX040616.D

Acq: 07 Mar 2024 12:28

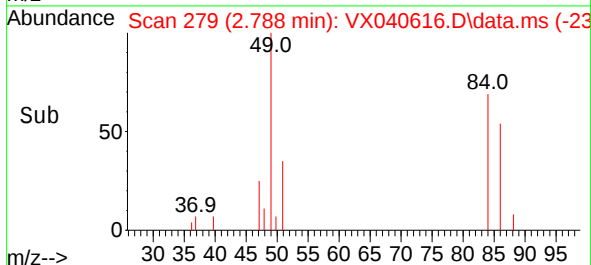
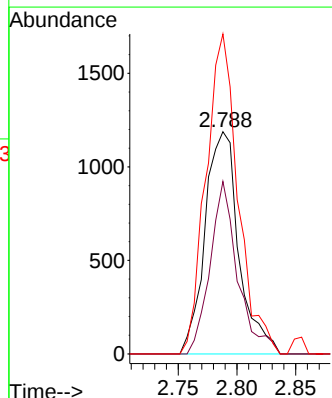
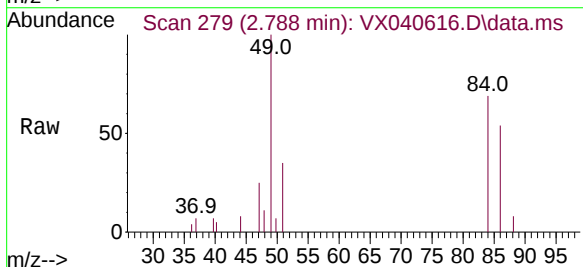
Tgt Ion: 84 Resp: 2375

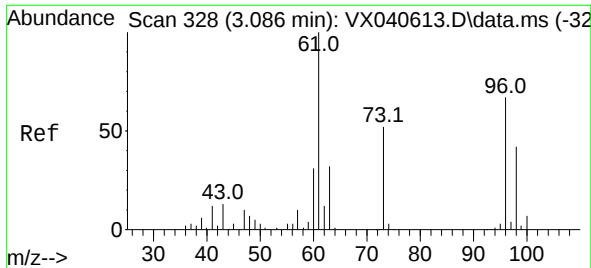
Ion Ratio Lower Upper

84 100

86 77.6 45.8 85.2

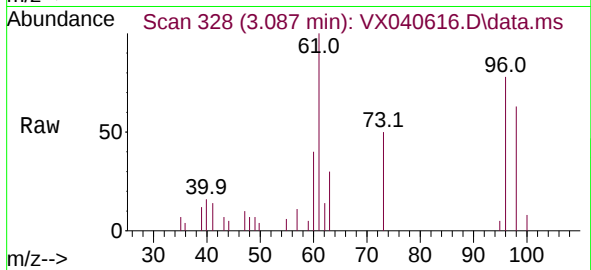
49 143.9 92.6 172.0





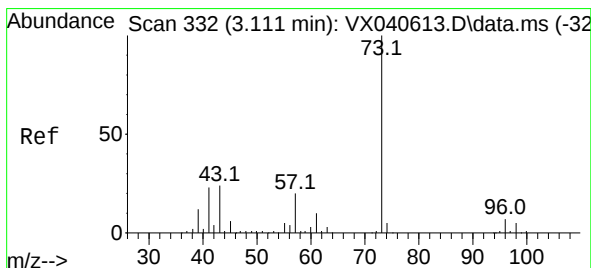
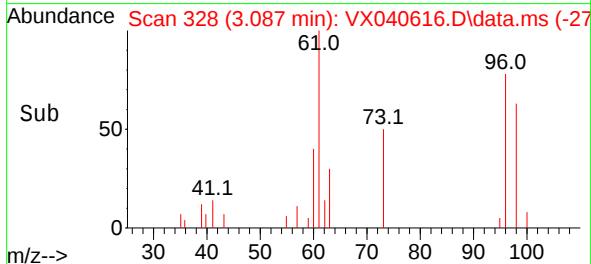
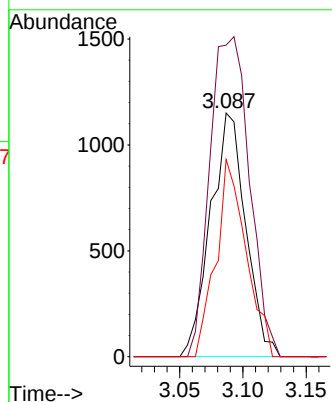
#17
trans-1,2-Dichloroethene
Concen: 2.245 ug/L
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX040616.D
Acq: 07 Mar 2024 12:28

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 96 Resp: 2221

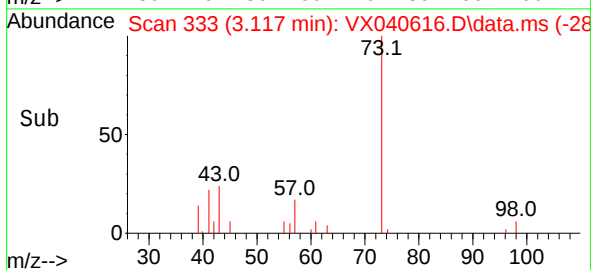
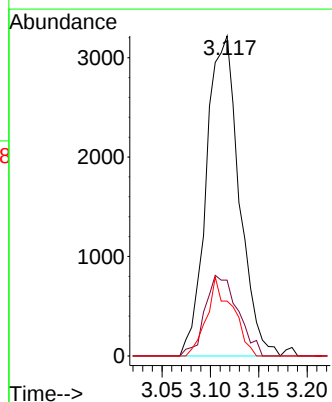
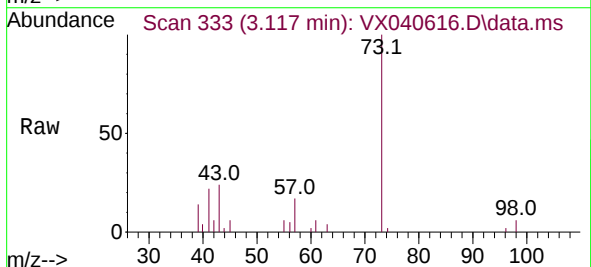
Ion	Ratio	Lower	Upper
96	100		
61	127.8	106.6	198.0
98	80.9	45.1	83.9

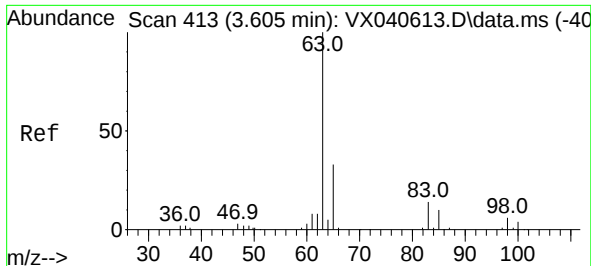


#18
Methyl tert-butyl Ether
Concen: 2.218 ug/L
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX040616.D
Acq: 07 Mar 2024 12:28

Tgt Ion: 73 Resp: 7590

Ion	Ratio	Lower	Upper
73	100		
43	24.5	19.3	28.9
57	19.3	17.1	25.7





#19

1,1-Dichloroethane

Concen: 2.217 ug/L

RT: 3.611 min Scan# 41

Delta R.T. 0.006 min

Lab File: VX040616.D

Acq: 07 Mar 2024 12:28

Instrument :

MSVOA_X

ClientSampleId :

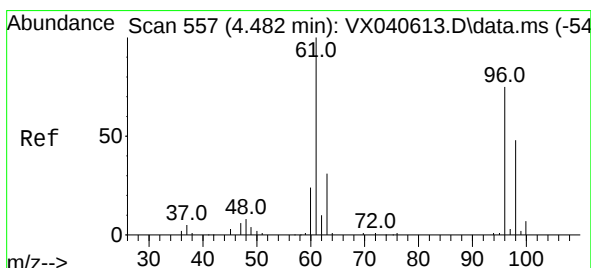
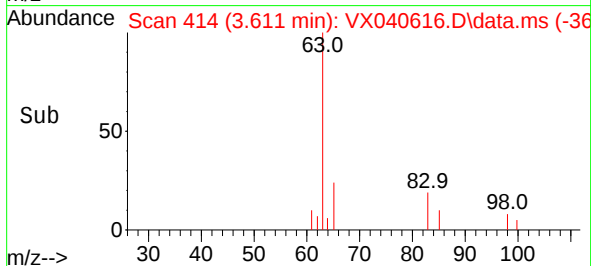
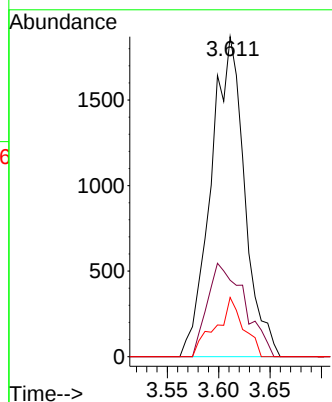
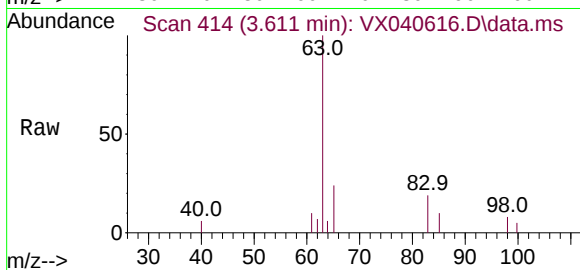
Tgt Ion: 63 Resp: 4262

Ion Ratio Lower Upper

63 100

65 23.9 23.1 42.9

83 18.5 9.9 18.5#



#20

cis-1,2-Dichloroethene

Concen: 2.139 ug/L

RT: 4.477 min Scan# 556

Delta R.T. -0.006 min

Lab File: VX040616.D

Acq: 07 Mar 2024 12:28

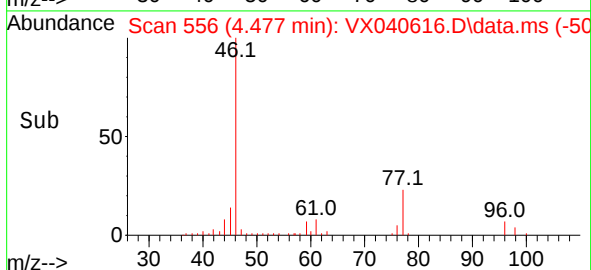
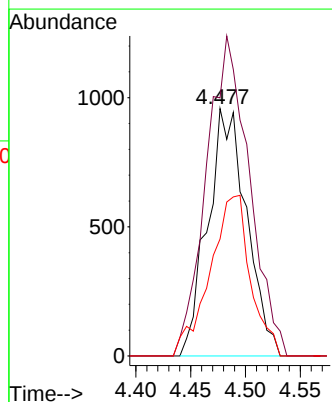
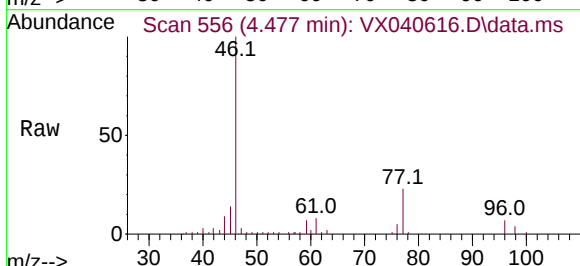
Tgt Ion: 96 Resp: 2373

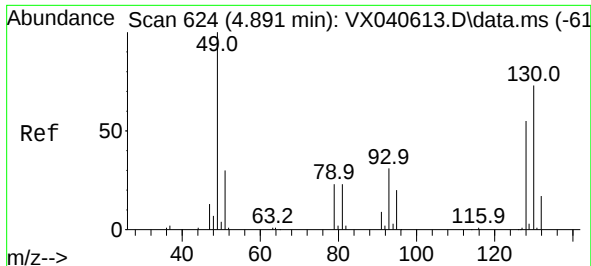
Ion Ratio Lower Upper

96 100

61 104.3 93.0 172.8

98 47.3 42.4 78.6





#23

Bromochloromethane

Concen: 2.465 ug/L

RT: 4.897 min Scan# 61

Delta R.T. 0.006 min

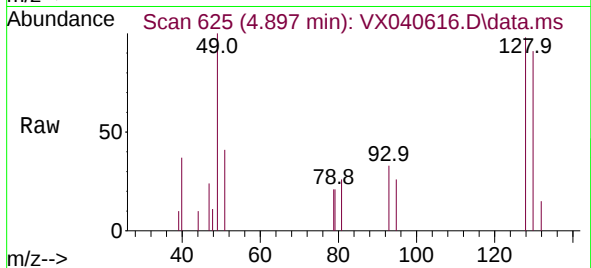
Lab File: VX040616.D

Acq: 07 Mar 2024 12:28

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:128 Resp: 1395

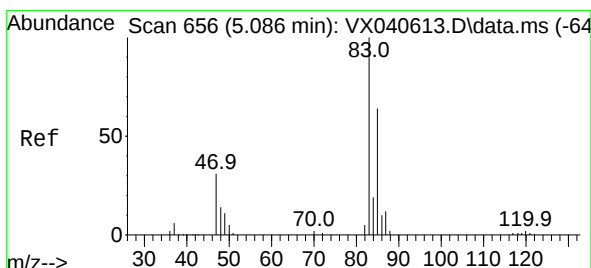
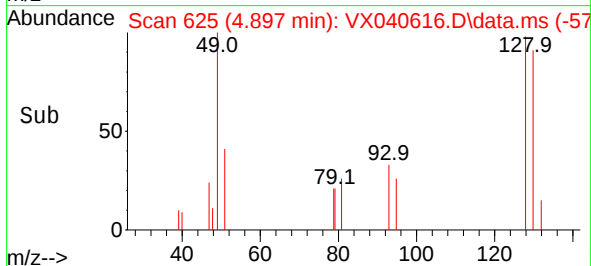
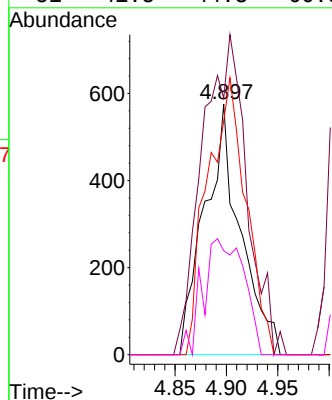
Ion Ratio Lower Upper

128 100

49 102.3 118.1 219.3#

130 93.2 89.4 166.0

51 41.5 44.3 66.5#



#25

Chloroform

Concen: 4.116 ug/L

RT: 5.086 min Scan# 656

Delta R.T. 0.000 min

Lab File: VX040616.D

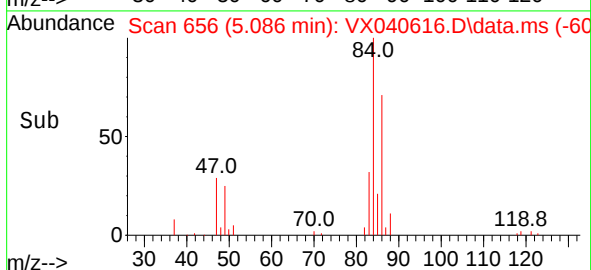
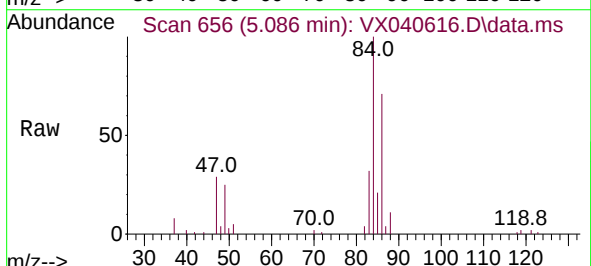
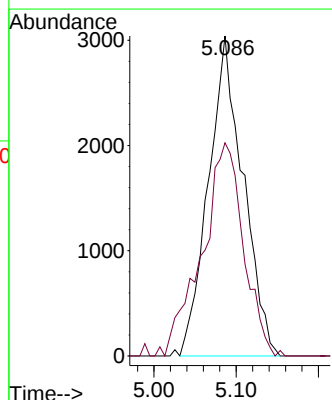
Acq: 07 Mar 2024 12:28

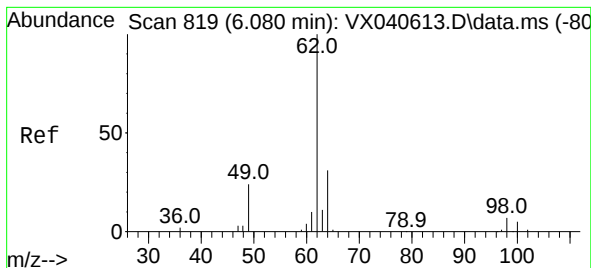
Tgt Ion: 83 Resp: 8930

Ion Ratio Lower Upper

83 100

85 66.6 45.4 84.4





#27

1,2-Dichloroethane

Concen: 2.280 ug/L

RT: 6.074 min Scan# 819

Delta R.T. -0.006 min

Lab File: VX040616.D

Acq: 07 Mar 2024 12:28

Instrument :

MSVOA_X

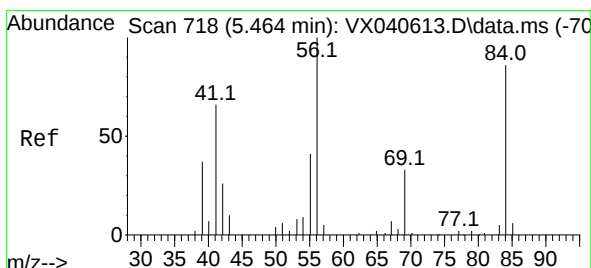
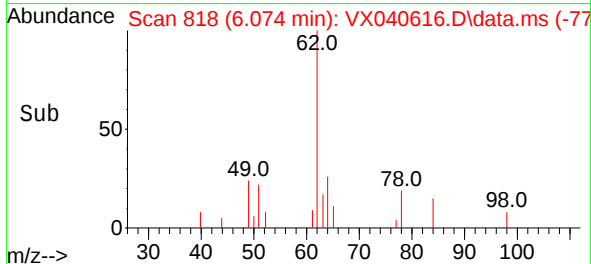
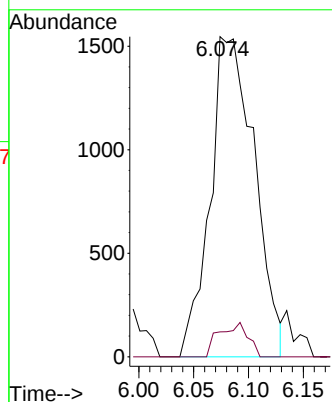
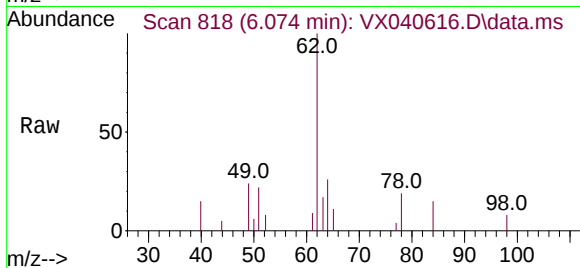
ClientSampleId :

Tgt Ion: 62 Resp: 4348

Ion Ratio Lower Upper

62 100

98 7.8 5.8 8.6



#29

Cyclohexane

Concen: 1.289 ug/L

RT: 5.458 min Scan# 717

Delta R.T. -0.006 min

Lab File: VX040616.D

Acq: 07 Mar 2024 12:28

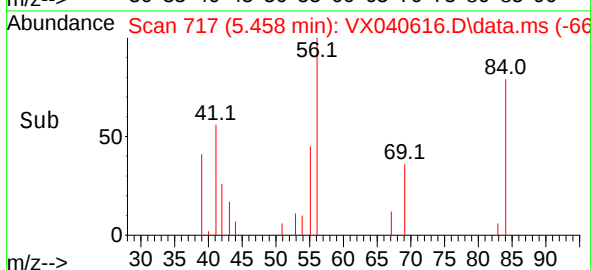
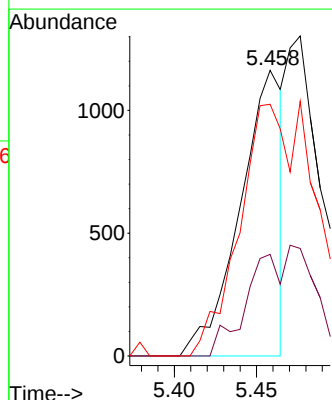
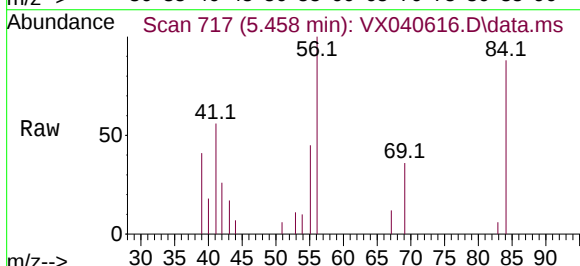
Tgt Ion: 56 Resp: 2076

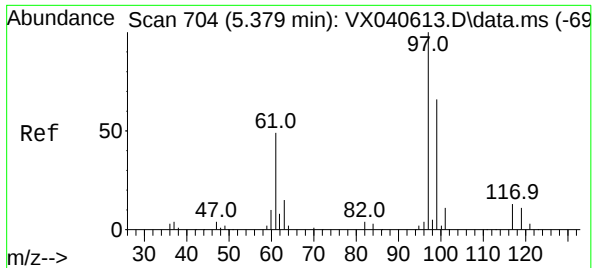
Ion Ratio Lower Upper

56 100

69 26.3 25.0 37.4

84 102.4 70.6 105.8

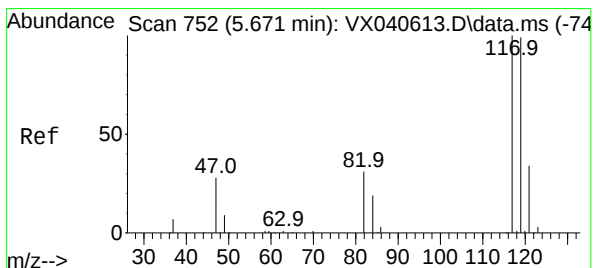
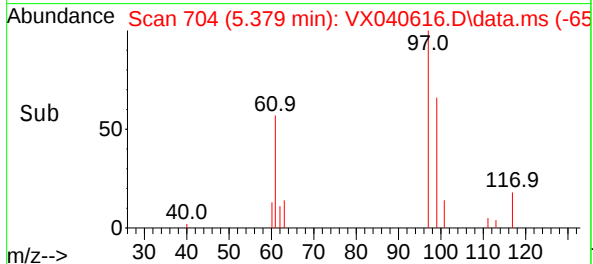
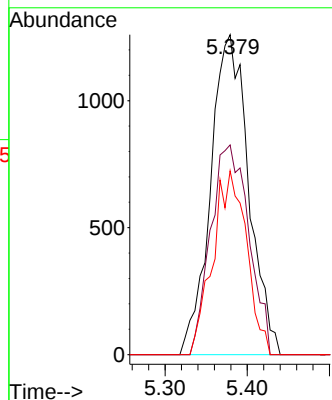
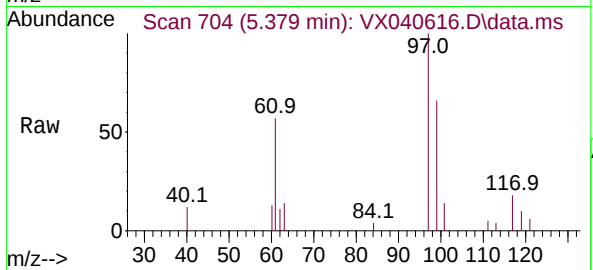




#30
1,1,1-Trichloroethane
Concen: 2.221 ug/L
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX040616.D
Acq: 07 Mar 2024 12:28

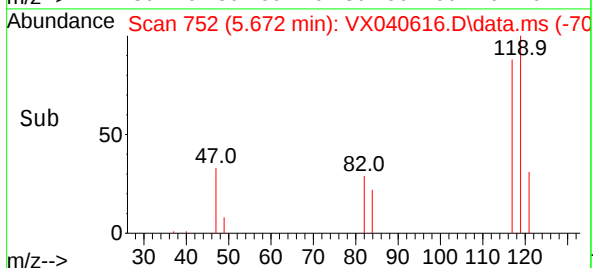
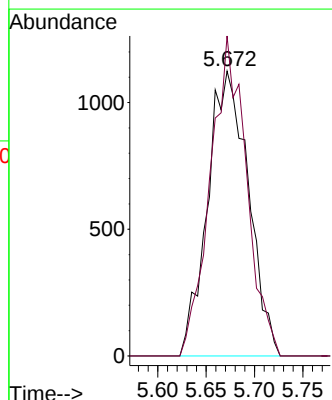
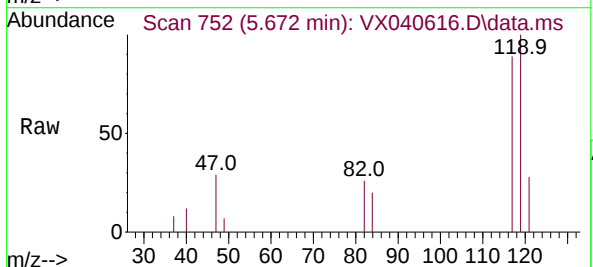
Instrument :
MSVOA_X
ClientSampleId :

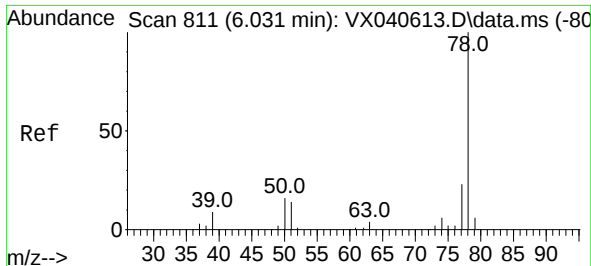
Tgt Ion: 97	Resp: 4055
Ion Ratio	Lower Upper
97	100
99	65.6 52.1 78.1
61	50.9 38.3 57.5



#31
Carbon tetrachloride
Concen: 2.149 ug/L
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX040616.D
Acq: 07 Mar 2024 12:28

Tgt Ion: 117	Resp: 3294
Ion Ratio	Lower Upper
117	100
119	99.3 75.4 113.2





#33

Benzene

Concen: 2.292 ug/L

RT: 6.031 min Scan# 811

Delta R.T. 0.000 min

Lab File: VX040616.D

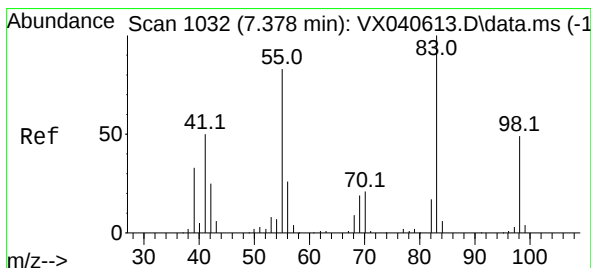
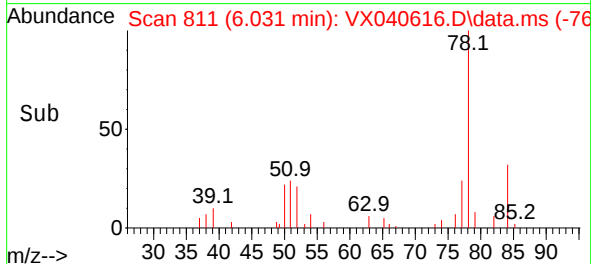
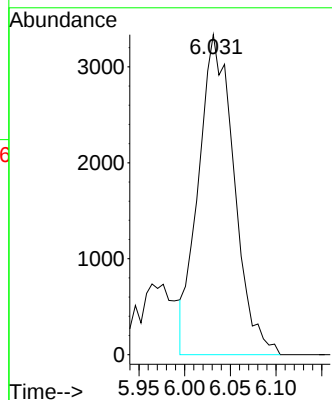
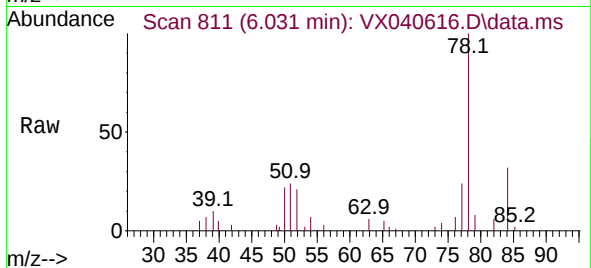
Acq: 07 Mar 2024 12:28

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 78 Resp: 9026



#35

Methylcyclohexane

Concen: 2.638 ug/L

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX040616.D

Acq: 07 Mar 2024 12:28

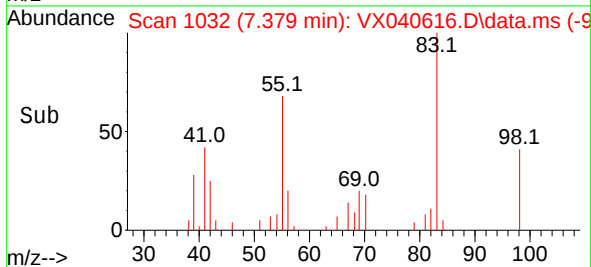
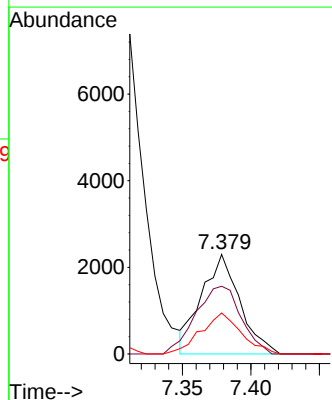
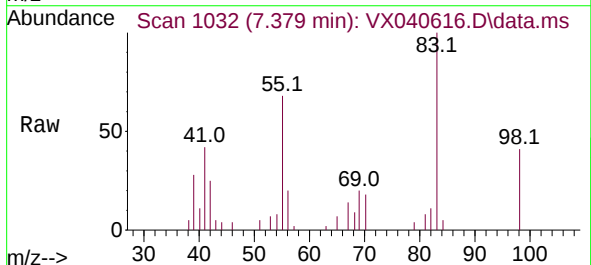
Tgt Ion: 83 Resp: 4483

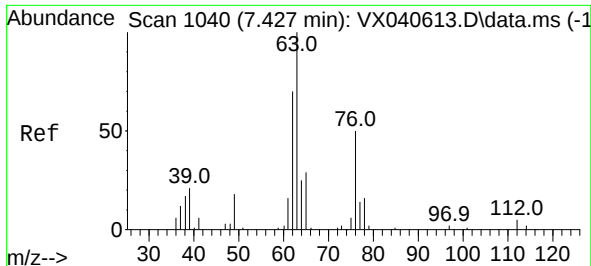
Ion Ratio Lower Upper

83 100

55 80.3 62.6 94.0

98 43.1 37.4 56.2

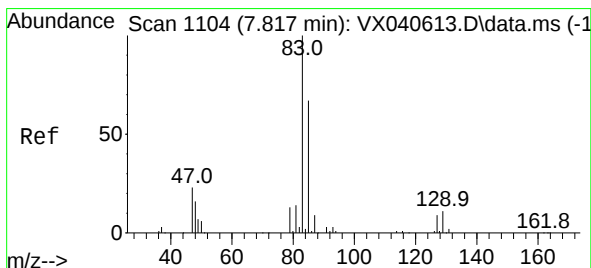
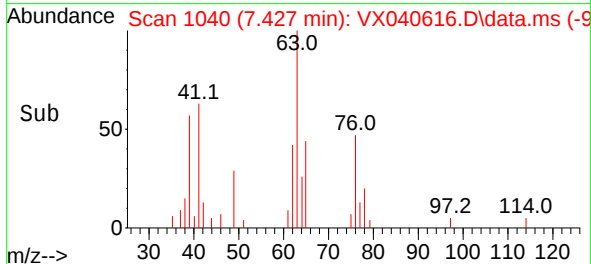
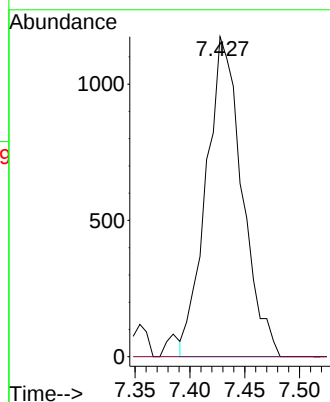
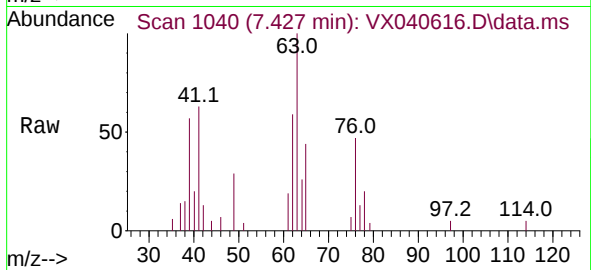




#37
1,2-Dichloropropane
Concen: 2.566 ug/L
RT: 7.427 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX040616.D
Acq: 07 Mar 2024 12:28

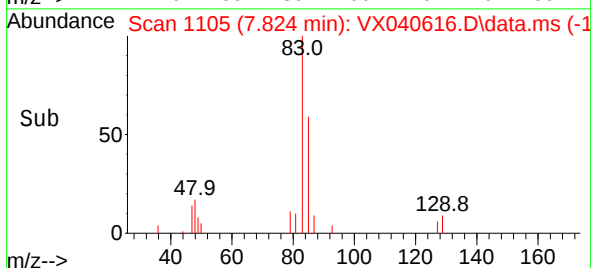
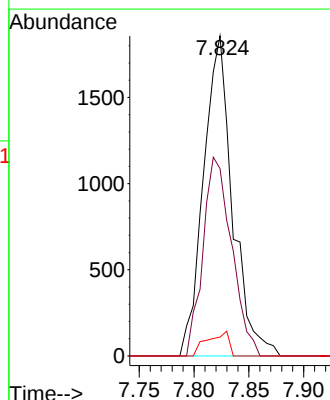
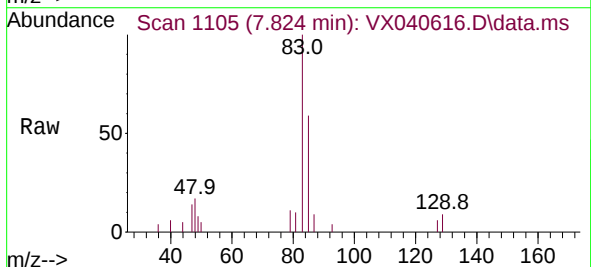
Instrument :
MSVOA_X
ClientSampleId :

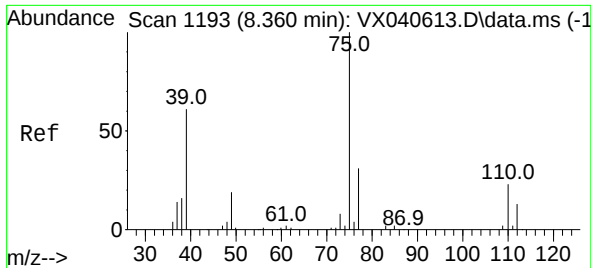
Tgt Ion: 63 Resp: 2676
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



#38
Bromodichloromethane
Concen: 2.220 ug/L
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX040616.D
Acq: 07 Mar 2024 12:28

Tgt Ion: 83 Resp: 3423
Ion Ratio Lower Upper
83 100
85 58.5 42.8 79.4
127 5.9 6.5 9.7#

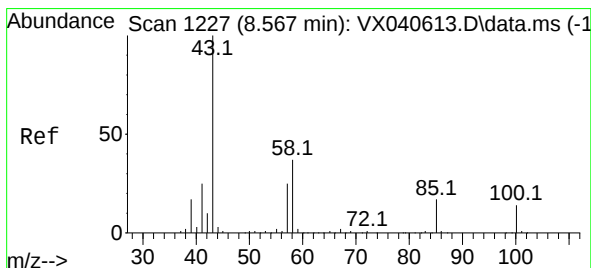
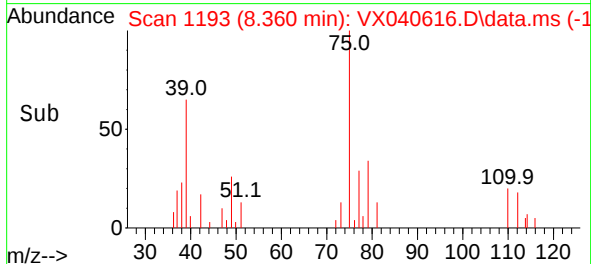
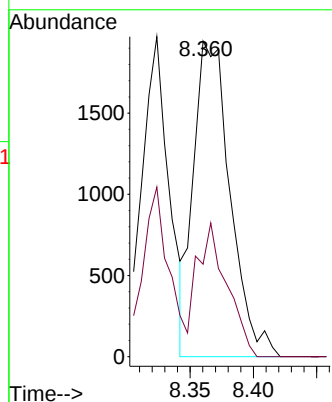
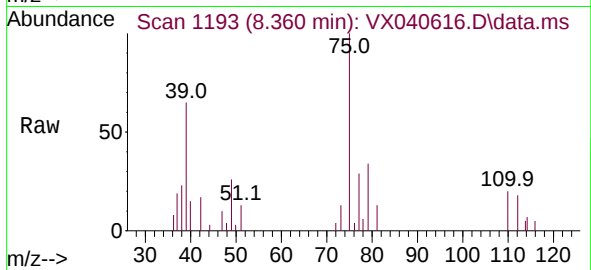




#39
 cis-1,3-Dichloropropene
 Concen: 2.230 ug/L
 RT: 8.360 min Scan# 1193
 Delta R.T. 0.000 min
 Lab File: VX040616.D
 Acq: 07 Mar 2024 12:28

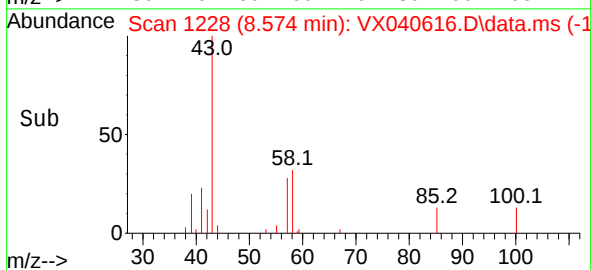
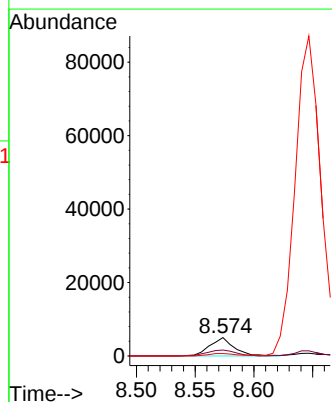
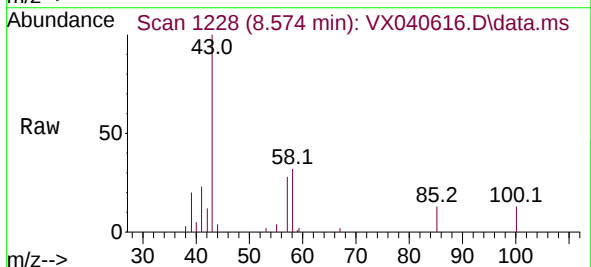
Instrument :
 MSVOA_X
 ClientSampleId :

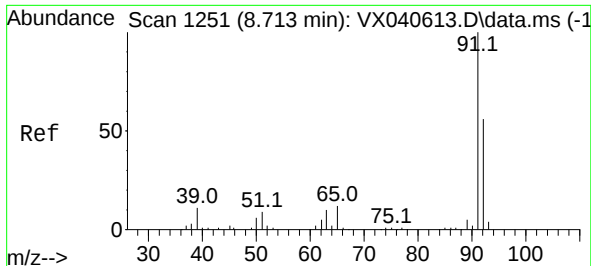
Tgt Ion: 75 Resp: 3914
 Ion Ratio Lower Upper
 75 100
 77 29.3 21.1 39.3



#40
 4-Methyl-2-pentanone
 Concen: 4.050 ug/L
 RT: 8.574 min Scan# 1228
 Delta R.T. 0.006 min
 Lab File: VX040616.D
 Acq: 07 Mar 2024 12:28

Tgt Ion: 43 Resp: 7240
 Ion Ratio Lower Upper
 43 100
 58 38.2 29.3 43.9
 100 15.8 10.7 16.1





#42

Toluene

Concen: 2.333 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX040616.D

Acq: 07 Mar 2024 12:28

Instrument :

MSVOA_X

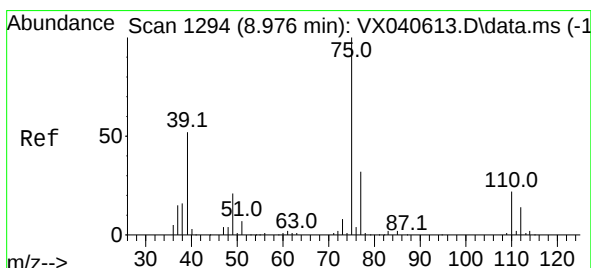
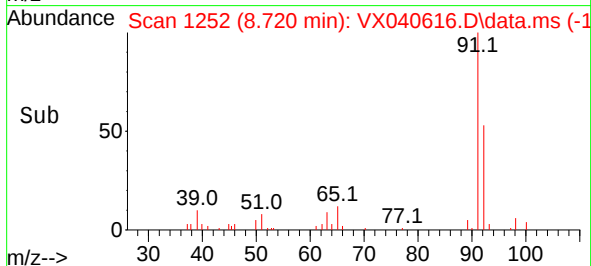
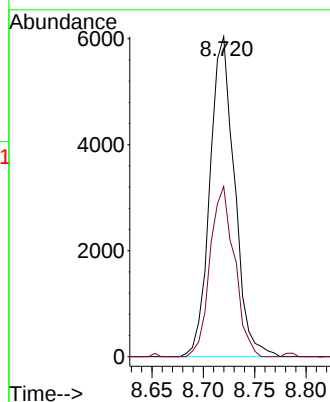
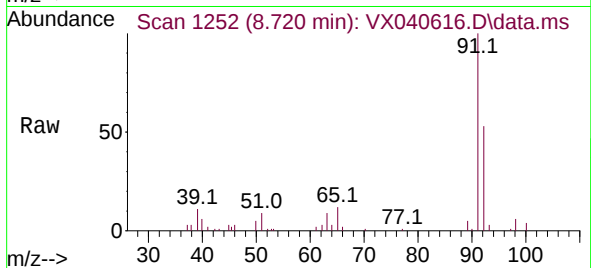
ClientSampleId :

Tgt Ion: 91 Resp: 10082

Ion Ratio Lower Upper

91 100

92 53.2 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 2.243 ug/L

RT: 8.982 min Scan# 1295

Delta R.T. 0.006 min

Lab File: VX040616.D

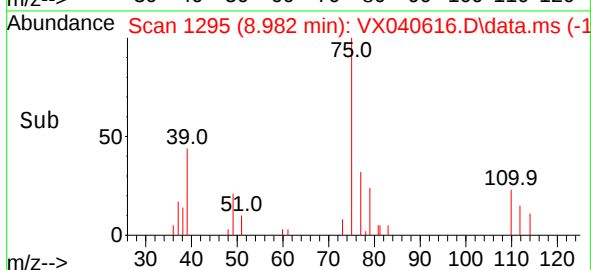
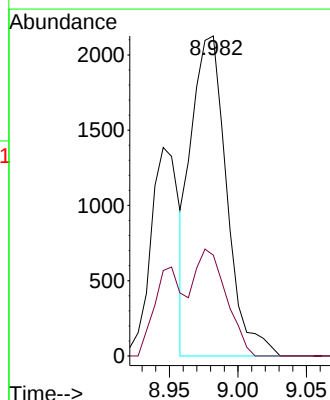
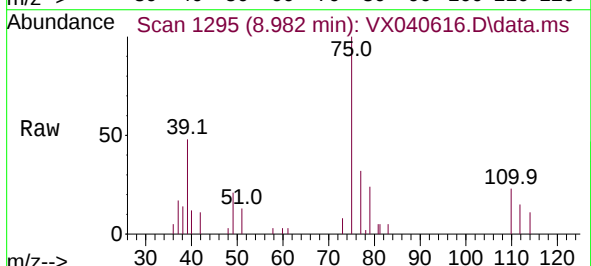
Acq: 07 Mar 2024 12:28

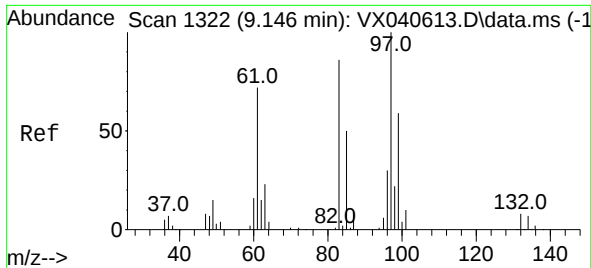
Tgt Ion: 75 Resp: 3836

Ion Ratio Lower Upper

75 100

77 31.5 22.1 41.1





#45

1,1,2-Trichloroethane

Concen: 2.183 ug/L

RT: 9.153 min Scan# 1322

Delta R.T. 0.006 min

Lab File: VX040616.D

Acq: 07 Mar 2024 12:28

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 2350

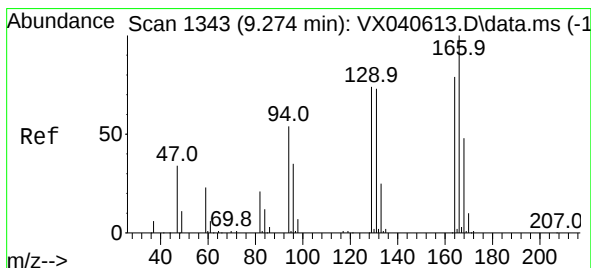
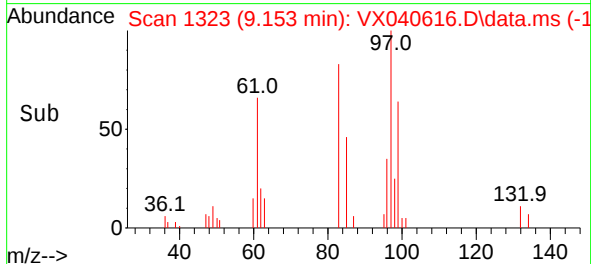
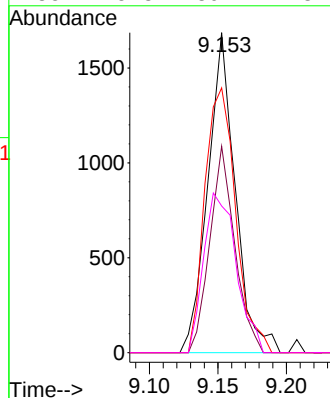
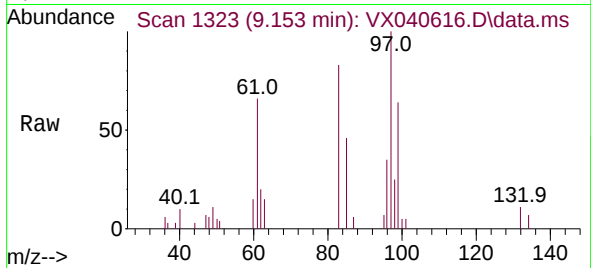
Ion Ratio Lower Upper

97 100

99 64.5 42.6 79.0

83 82.7 59.2 110.0

85 45.8 39.7 73.7



#46

Tetrachloroethene

Concen: 2.408 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX040616.D

Acq: 07 Mar 2024 12:28

Tgt Ion:164 Resp: 2010

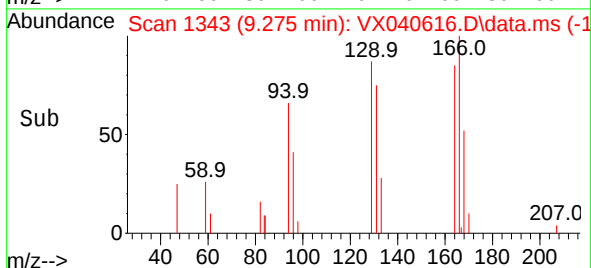
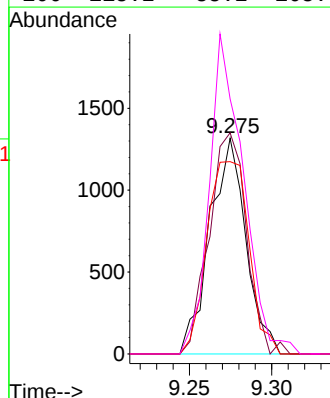
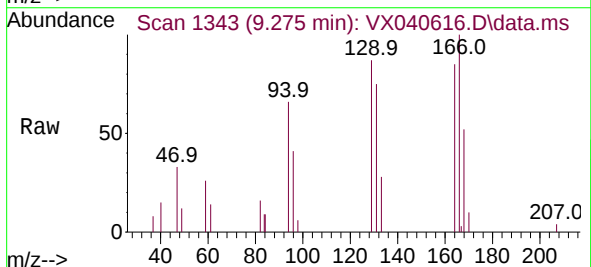
Ion Ratio Lower Upper

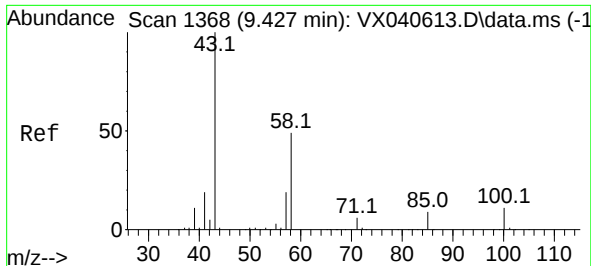
164 100

129 102.5 67.8 126.0

131 89.1 67.8 126.0

166 118.2 88.2 163.8





#48

2-Hexanone

Concen: 4.748 ug/L

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX040616.D

Acq: 07 Mar 2024 12:28

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 43 Resp: 7032

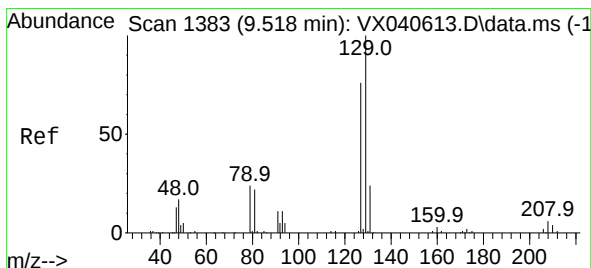
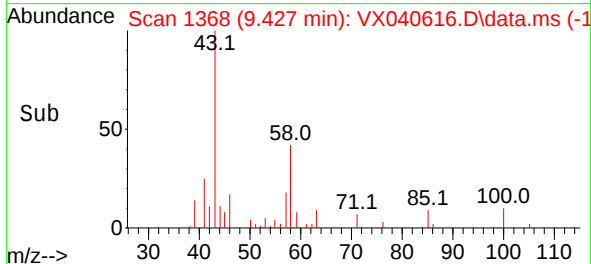
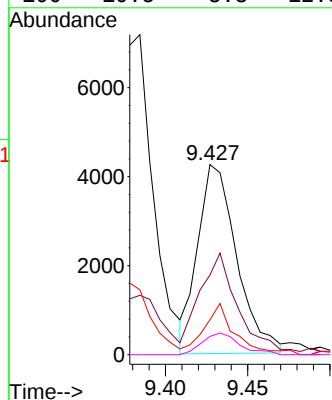
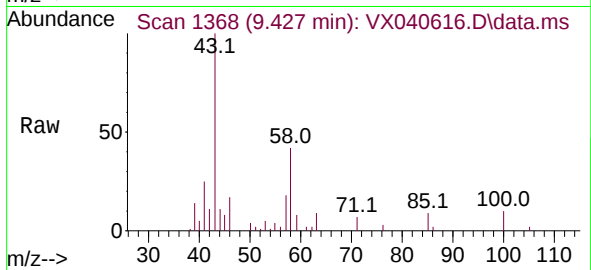
Ion Ratio Lower Upper

43 100

58 53.6 41.0 61.6

57 21.2 14.8 22.2

100 10.5 8.3 12.5



#49

Dibromochloromethane

Concen: 2.021 ug/L

RT: 9.525 min Scan# 1384

Delta R.T. 0.006 min

Lab File: VX040616.D

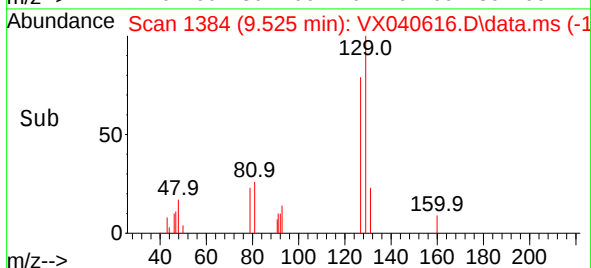
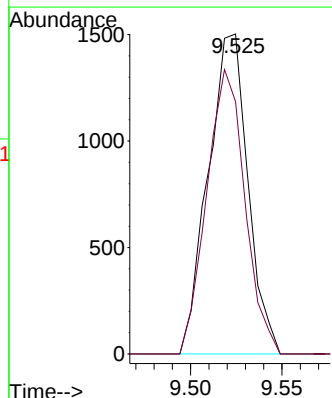
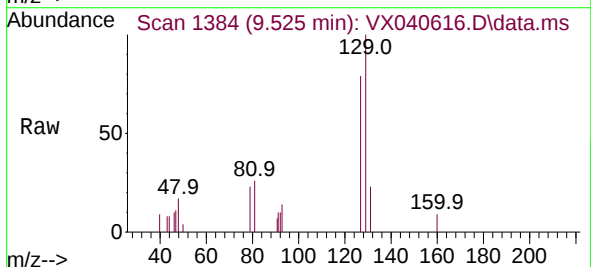
Acq: 07 Mar 2024 12:28

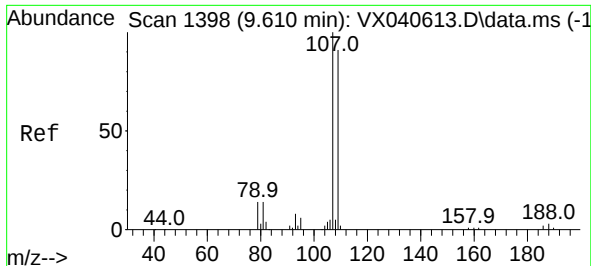
Tgt Ion:129 Resp: 2273

Ion Ratio Lower Upper

129 100

127 78.8 55.8 103.6





#50

1,2-Dibromoethane

Concen: 2.129 ug/L

RT: 9.604 min Scan# 1398

Delta R.T. -0.006 min

Lab File: VX040616.D

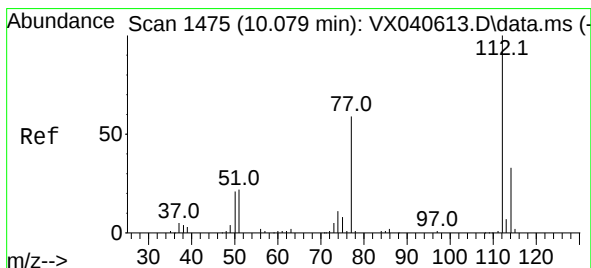
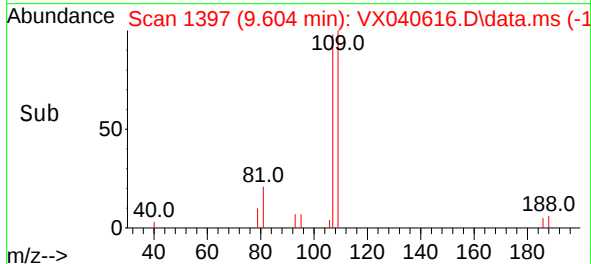
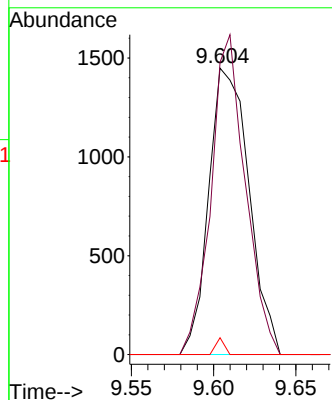
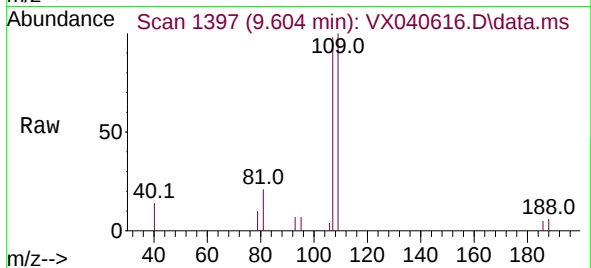
Acq: 07 Mar 2024 12:28

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:107	Resp:	2464
Ion Ratio	Lower	Upper
107	100	
109	102.0	62.9 116.7
188	5.9	2.5 3.7#



#51

Chlorobenzene

Concen: 2.244 ug/L

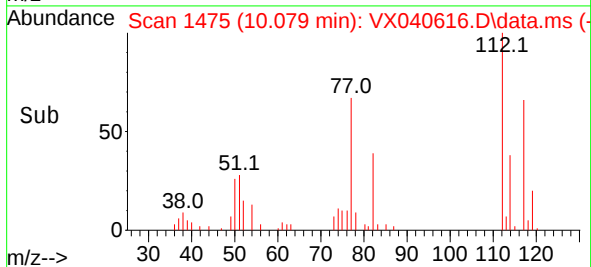
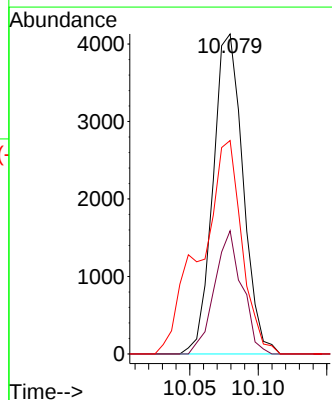
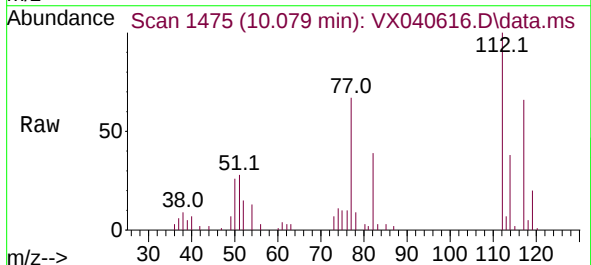
RT: 10.079 min Scan# 1475

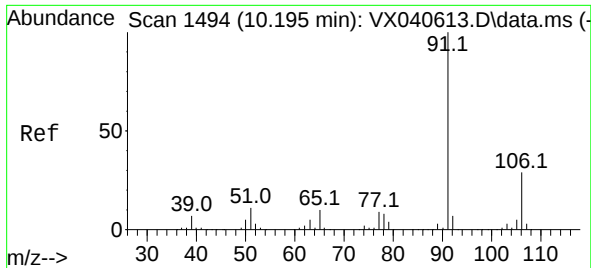
Delta R.T. 0.000 min

Lab File: VX040616.D

Acq: 07 Mar 2024 12:28

Tgt Ion:112	Resp:	6282
Ion Ratio	Lower	Upper
112	100	
114	38.5	22.4 41.6
77	66.7	50.6 75.8





#52

Ethylbenzene

Concen: 2.207 ug/L

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX040616.D

Acq: 07 Mar 2024 12:28

Instrument :

MSVOA_X

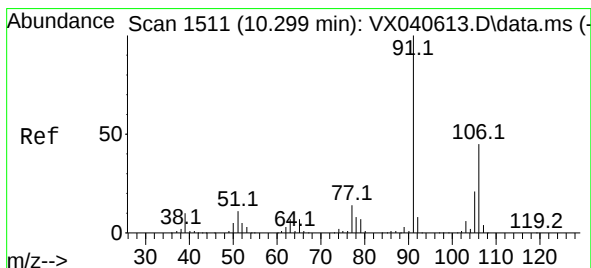
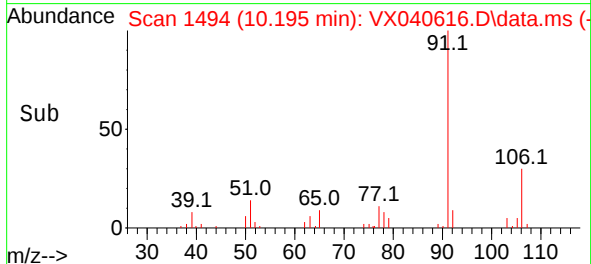
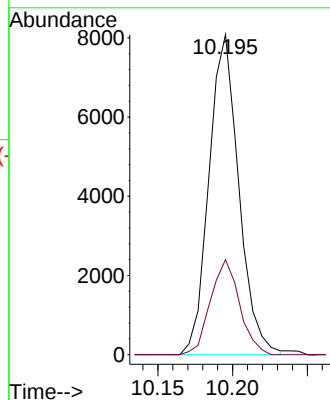
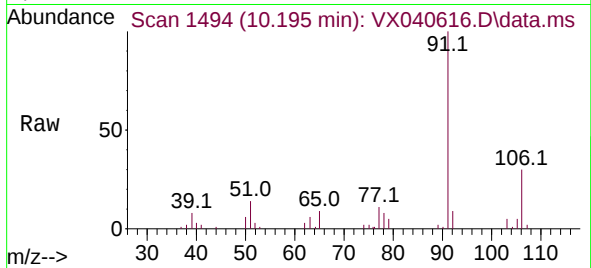
ClientSampleId :

Tgt Ion: 91 Resp: 11206

Ion Ratio Lower Upper

91 100

106 29.7 20.6 38.4



#53

m,p-Xylene

Concen: 2.190 ug/L

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX040616.D

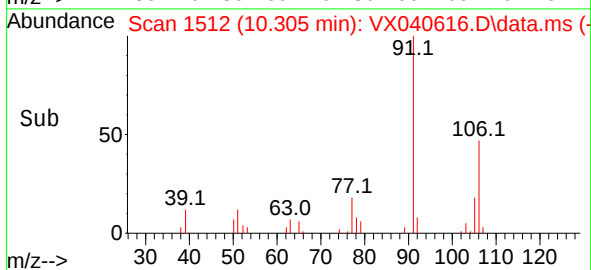
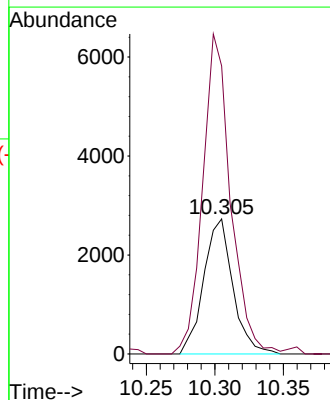
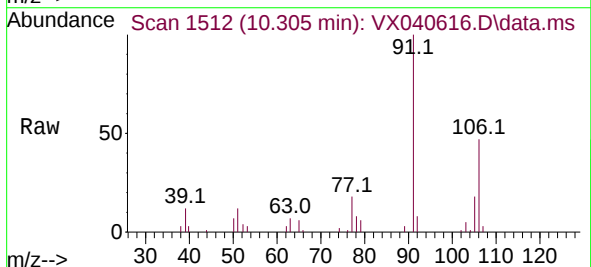
Acq: 07 Mar 2024 12:28

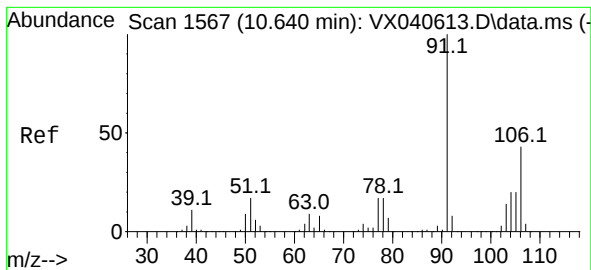
Tgt Ion:106 Resp: 4042

Ion Ratio Lower Upper

106 100

91 213.2 160.4 298.0





#54

o-Xylene

Concen: 2.140 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX040616.D

Acq: 07 Mar 2024 12:28

Instrument :

MSVOA_X

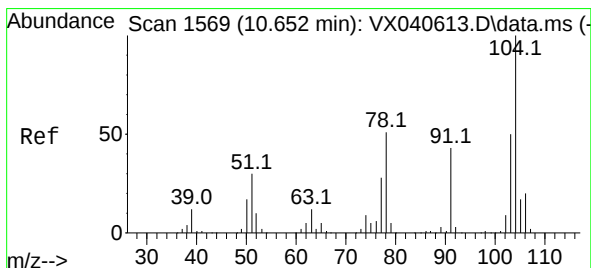
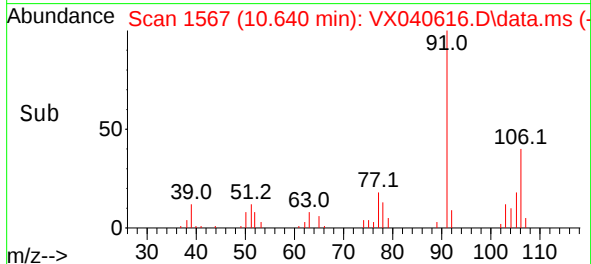
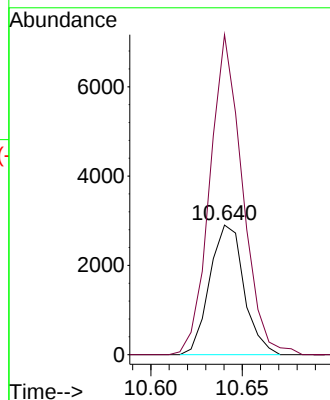
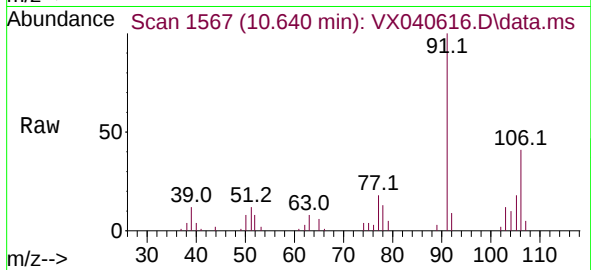
ClientSampleId :

Tgt Ion:106 Resp: 3792

Ion Ratio Lower Upper

106 100

91 246.9 161.7 300.3



#55

Styrene

Concen: 1.874 ug/L

RT: 10.659 min Scan# 1570

Delta R.T. 0.006 min

Lab File: VX040616.D

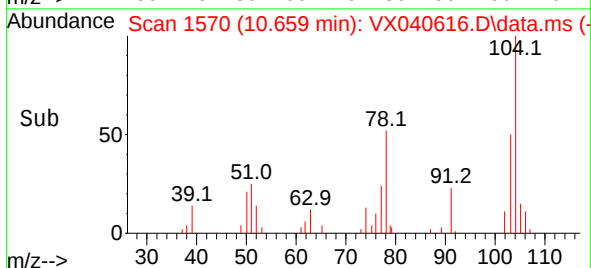
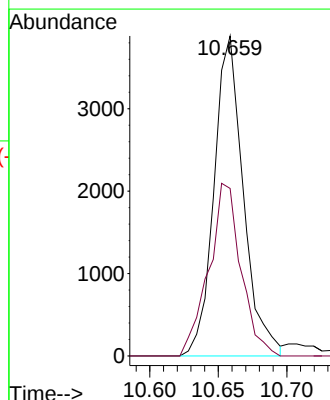
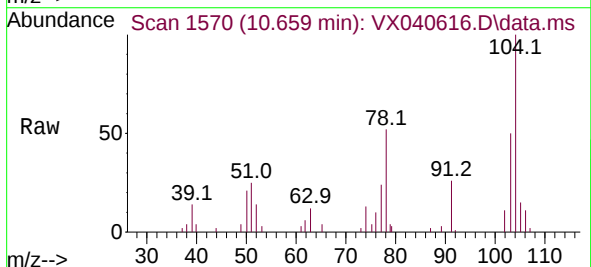
Acq: 07 Mar 2024 12:28

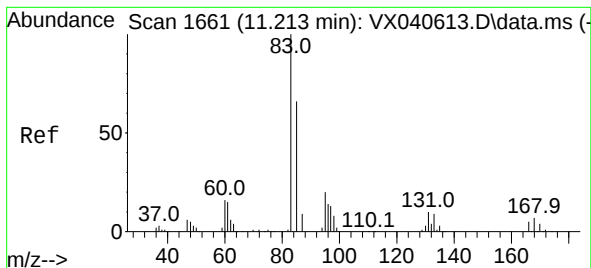
Tgt Ion:104 Resp: 5786

Ion Ratio Lower Upper

104 100

78 52.4 37.2 69.0

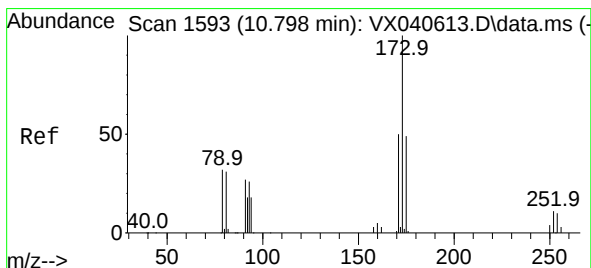
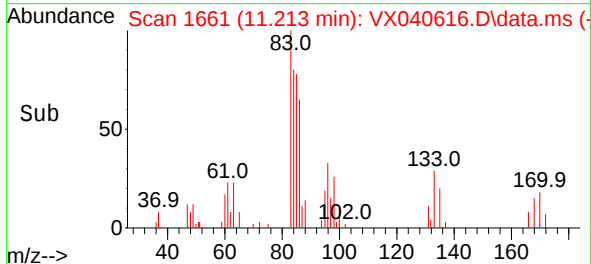
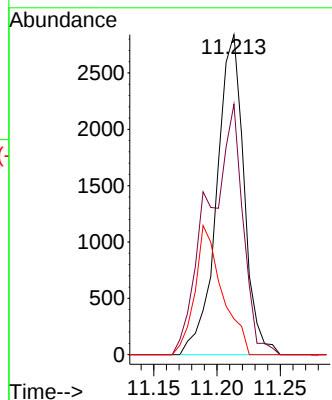
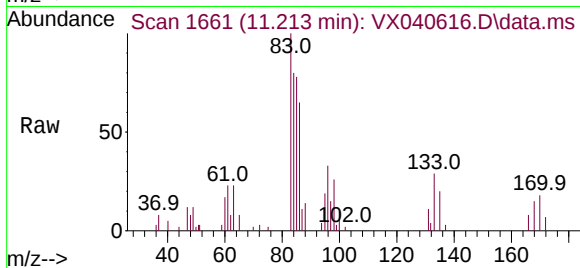




#57
1,1,2,2-Tetrachloroethane
Concen: 2.401 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX040616.D
Acq: 07 Mar 2024 12:28

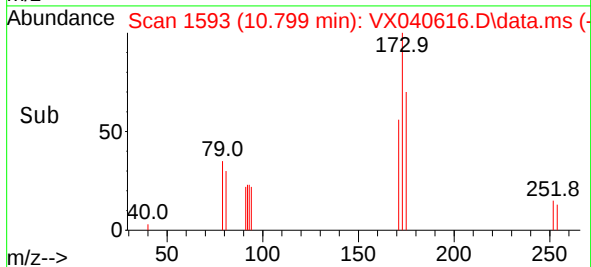
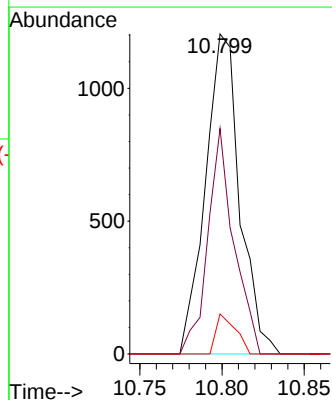
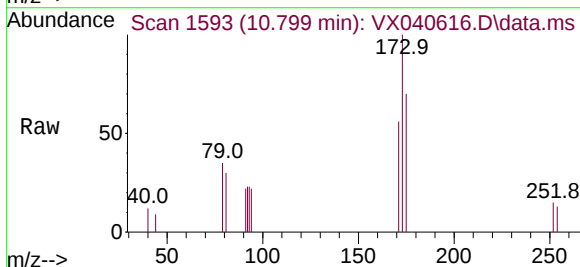
Instrument :
MSVOA_X
ClientSampleId :

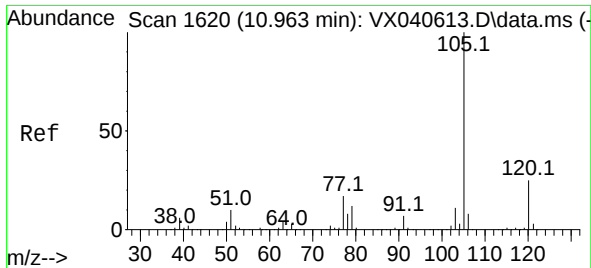
Tgt Ion:	83	Resp:	4259
Ion	Ratio	Lower	Upper
83	100		
85	78.3	45.2	84.0
131	11.2	8.2	12.2



#59
Bromoform
Concen: 2.310 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX040616.D
Acq: 07 Mar 2024 12:28

Tgt Ion:	173	Resp:	1754
Ion	Ratio	Lower	Upper
173	100		
175	53.2	39.4	59.0
254	7.1	7.9	11.9#

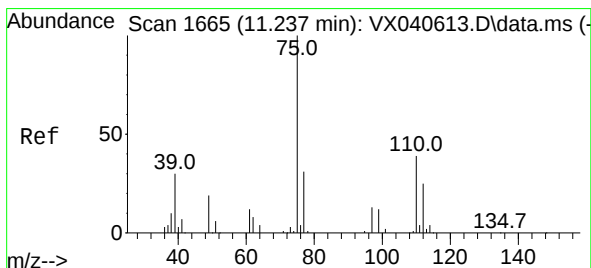
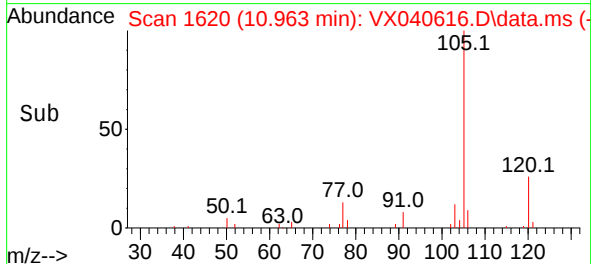
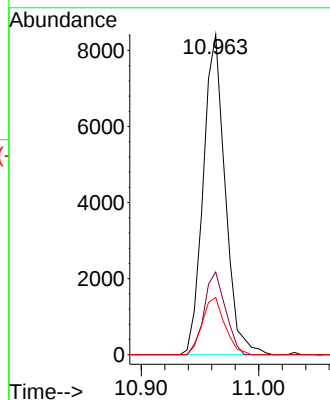
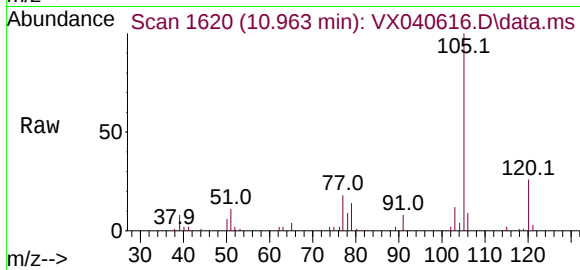




#60
Isopropylbenzene
Concen: 2.486 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX040616.D
Acq: 07 Mar 2024 12:28

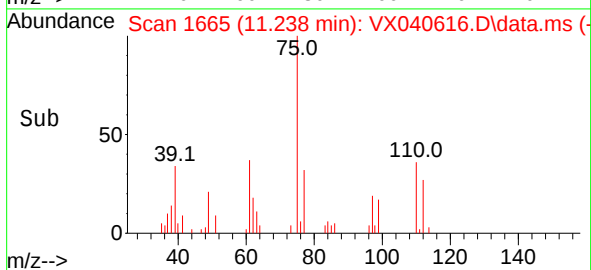
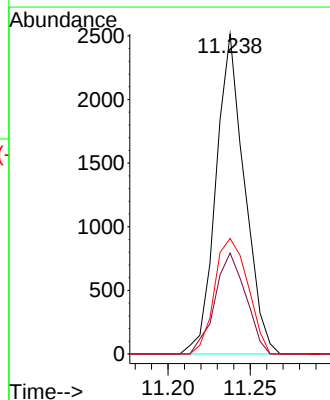
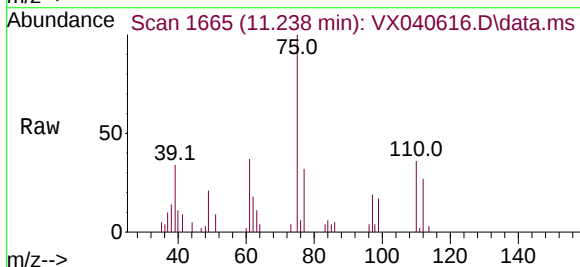
Instrument :
MSVOA_X
ClientSampleId :

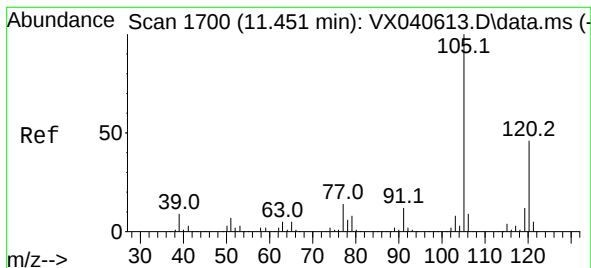
Tgt Ion:105 Resp: 10926
Ion Ratio Lower Upper
105 100
120 25.1 20.1 30.1
77 18.3 13.9 20.9



#61
1,2,3-Trichloropropane
Concen: 2.327 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX040616.D
Acq: 07 Mar 2024 12:28

Tgt Ion: 75 Resp: 3036
Ion Ratio Lower Upper
75 100
77 34.1 25.7 38.5
110 42.0 31.0 46.4





#62

1,3,5-Trimethylbenzene

Concen: 2.123 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX040616.D

Acq: 07 Mar 2024 12:28

Instrument :

MSVOA_X

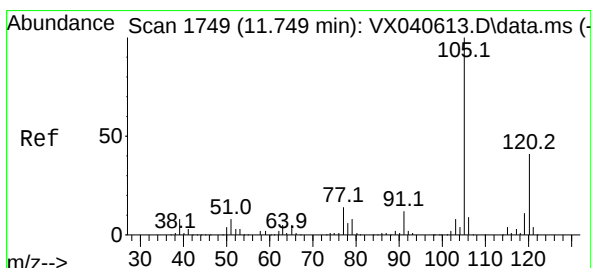
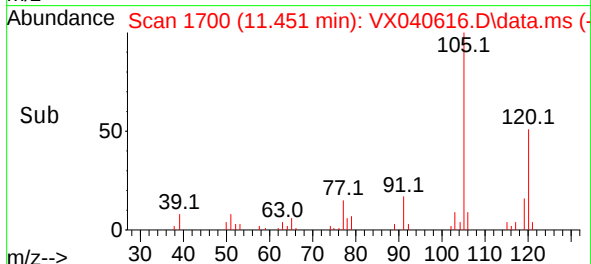
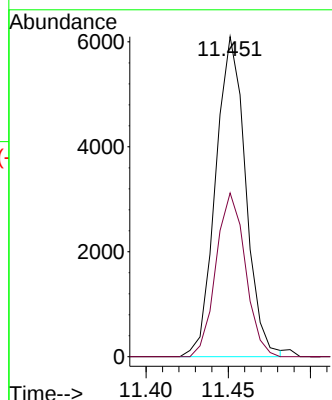
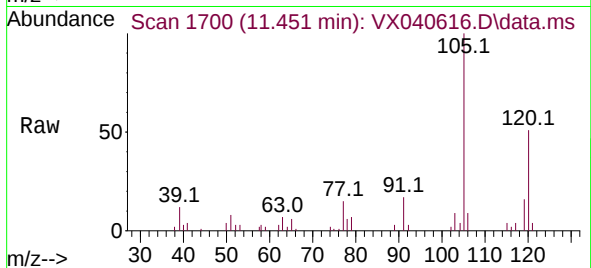
ClientSampleId :

Tgt Ion:105 Resp: 7735

Ion Ratio Lower Upper

105 100

120 50.0 36.2 54.2



#63

1,2,4-Trimethylbenzene

Concen: 2.116 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX040616.D

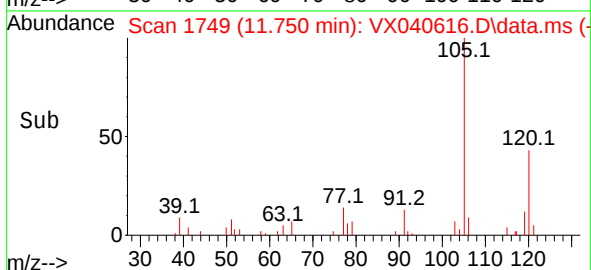
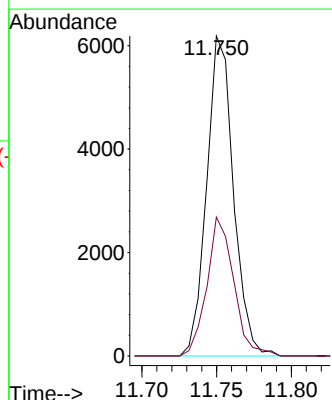
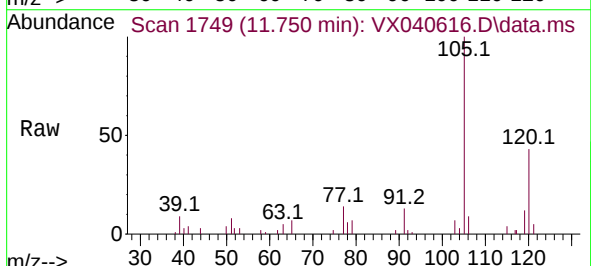
Acq: 07 Mar 2024 12:28

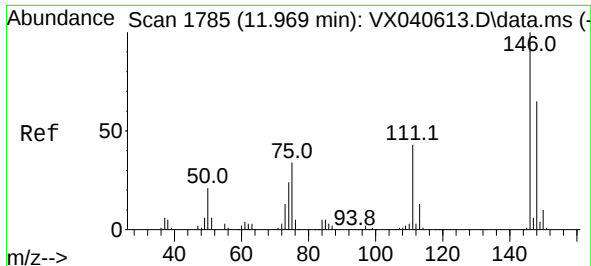
Tgt Ion:105 Resp: 7711

Ion Ratio Lower Upper

105 100

120 43.5 33.9 50.9





#64

1,3-Dichlorobenzene

Concen: 2.388 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX040616.D

Acq: 07 Mar 2024 12:28

Instrument :

MSVOA_X

ClientSampleId :

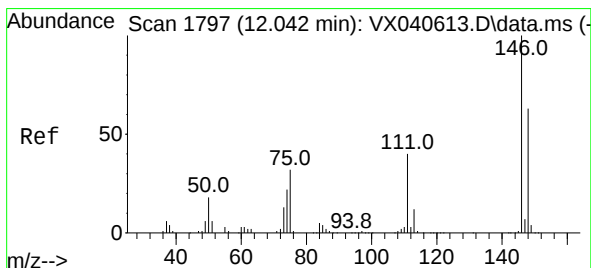
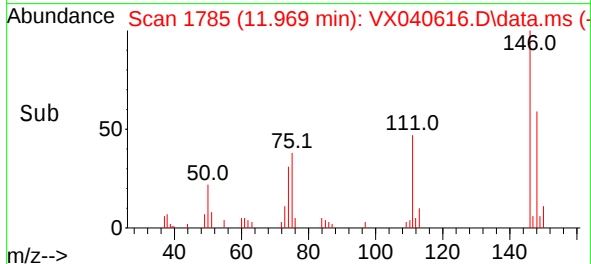
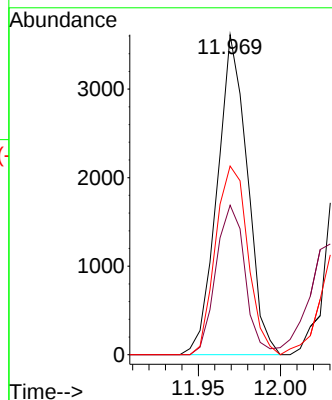
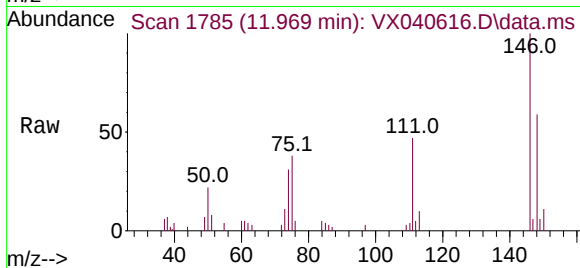
Tgt Ion:146 Resp: 4595

Ion Ratio Lower Upper

146 100

111 46.7 30.0 55.6

148 58.9 44.8 83.2



#65

1,4-Dichlorobenzene

Concen: 2.603 ug/L

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX040616.D

Acq: 07 Mar 2024 12:28

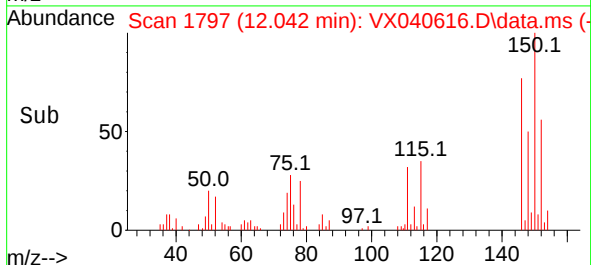
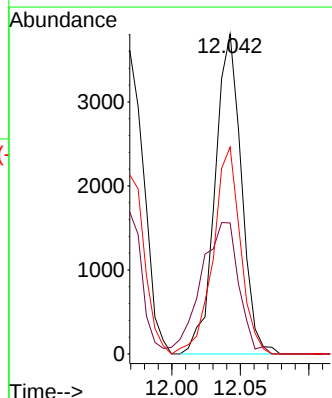
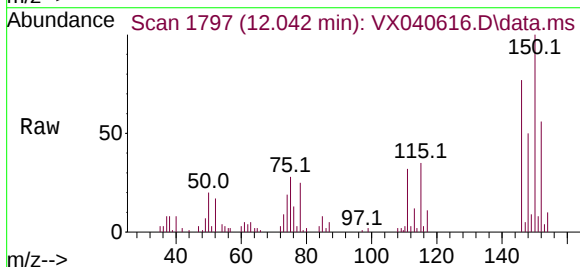
Tgt Ion:146 Resp: 5093

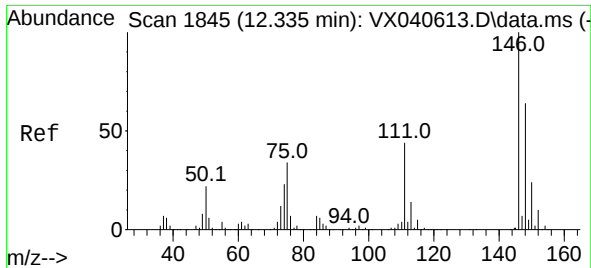
Ion Ratio Lower Upper

146 100

111 41.0 28.8 53.4

148 64.6 45.1 83.7





#67

1,2-Dichlorobenzene

Concen: 2.451 ug/L

RT: 12.335 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX040616.D

Acq: 07 Mar 2024 12:28

Instrument :

MSVOA_X

ClientSampleId :

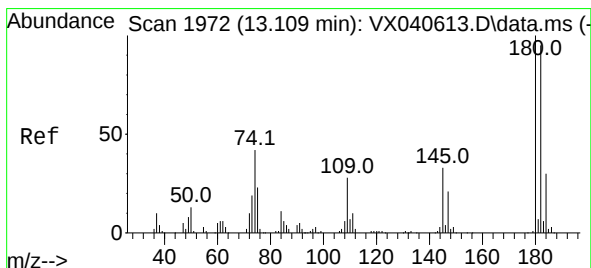
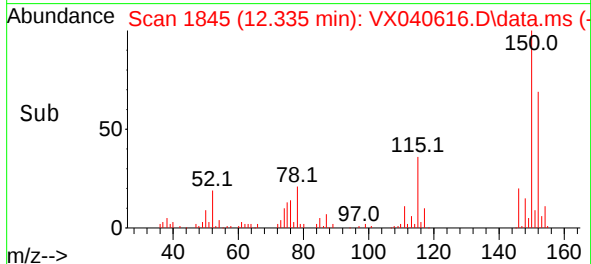
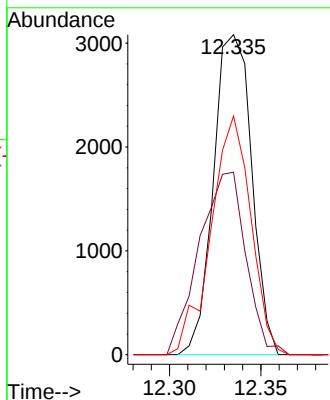
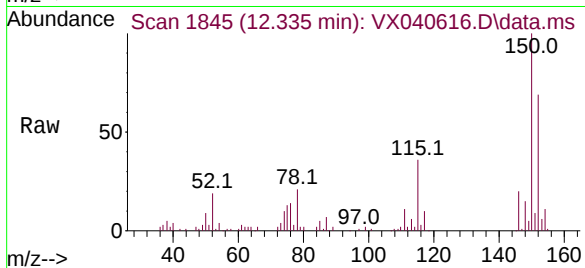
Tgt Ion:146 Resp: 4484

Ion Ratio Lower Upper

146 100

111 57.1 35.8 53.8#

148 74.6 51.0 76.4



#69

1,3,5-Trichlorobenzene

Concen: 2.932 ug/L

RT: 13.115 min Scan# 1973

Delta R.T. 0.006 min

Lab File: VX040616.D

Acq: 07 Mar 2024 12:28

Tgt Ion:180 Resp: 3787

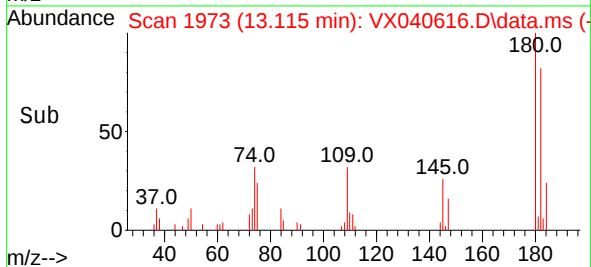
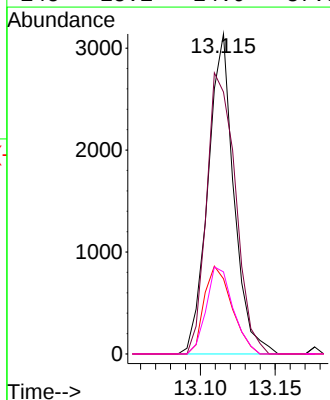
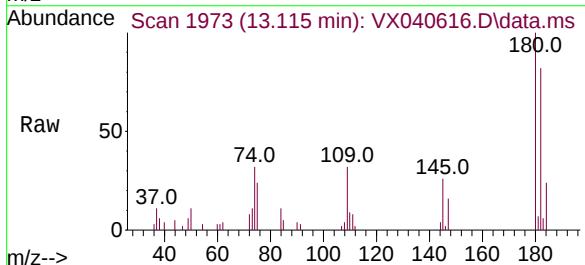
Ion Ratio Lower Upper

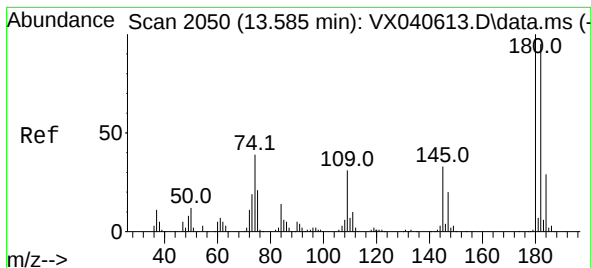
180 100

182 97.5 76.6 115.0

184 29.3 24.3 36.5

145 28.1 24.9 37.3





#70

1,2,4-trichlorobenzene

Concen: 2.889 ug/L

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX040616.D

Acq: 07 Mar 2024 12:28

Instrument :

MSVOA_X

ClientSampleId :

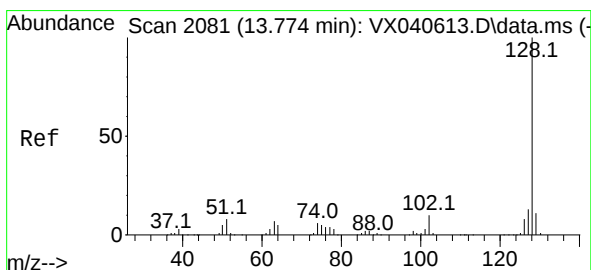
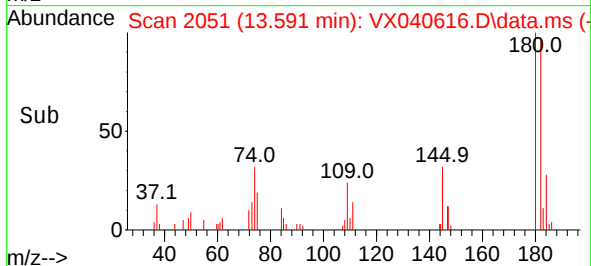
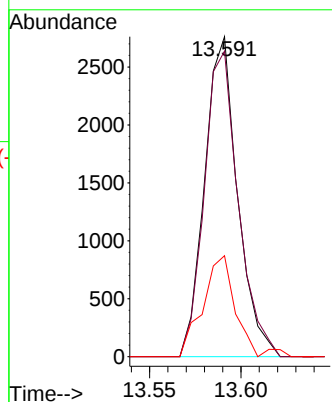
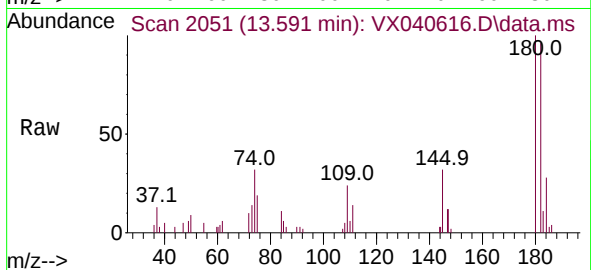
Tgt Ion:180 Resp: 3460

Ion Ratio Lower Upper

180 100

182 98.3 75.1 112.7

145 30.4 26.2 39.4



#71

Naphthalene

Concen: 2.359 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX040616.D

Acq: 07 Mar 2024 12:28

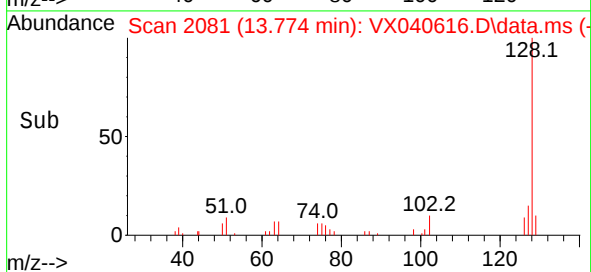
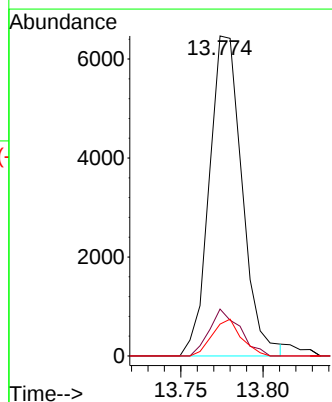
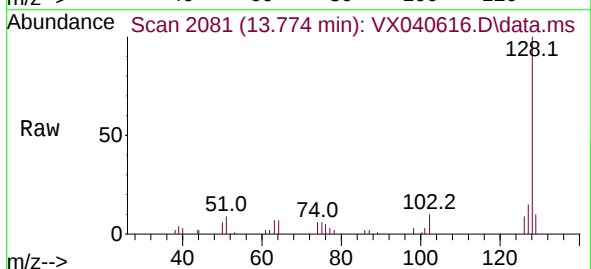
Tgt Ion:128 Resp: 8980

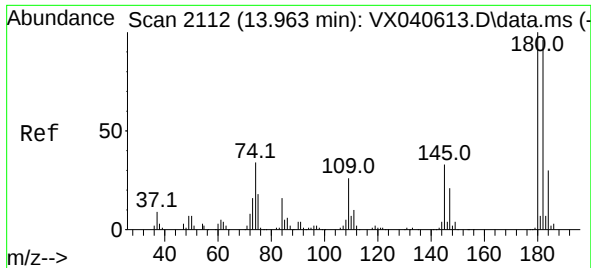
Ion Ratio Lower Upper

128 100

127 13.7 10.4 15.6

129 10.1 8.8 13.2





#72

1,2,3-Trichlorobenzene

Concen: 2.950 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

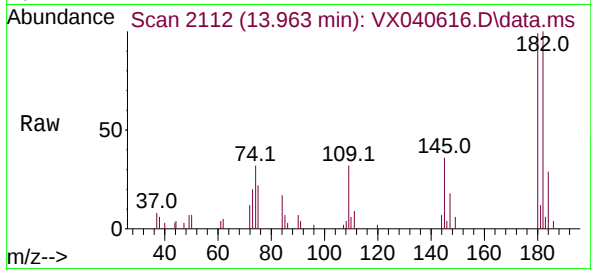
Lab File: VX040616.D

Acq: 07 Mar 2024 12:28

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 3481

Ion Ratio Lower Upper

180 100

182 93.2 76.9 115.3

145 32.1 27.8 41.8

