

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030724\
 Data File : VX040609.D
 Acq On : 06 Mar 2024 17:21
 Operator : JC/MD
 Sample : P1601-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 07 01:39:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML030724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 07 01:31:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	146234	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	139499	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	68576	50.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.368	65	64377	50.221	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.440%
7) Chloroethane-d5	1.666	69	52653	51.450	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.900%
11) 1,1-Dichloroethene-d2	2.306	65	29254	49.576	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.160%
21) 2-Butanone-d5	4.452	46	104434	106.168	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.170%
24) Chloroform-d	5.056	84	119902	50.368	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.740%
26) 1,2-Dichloroethane-d4	5.958	65	90352	50.837	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.680%
32) Benzene-d6	5.976	84	224492	52.454	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.900%
36) 1,2-Dichloropropane-d6	7.305	67	69784	52.611	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.220%
41) Toluene-d8	8.647	98	206916	50.168	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.340%
43) trans-1,3-Dichloroprop...	8.952	79	35895	50.846	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.700%
47) 2-Hexanone-d5	9.384	63	75975	103.808	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.810%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	101703	51.211	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.420%
66) 1,2-Dichlorobenzene-d4	12.323	152	76664	53.376	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.760%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	3429	2.627	ug/L	100
3) Chloromethane	1.294	50	2876	2.535	ug/L	90
5) Vinyl chloride	1.374	62	3510	2.859	ug/L #	67
6) Bromomethane	1.611	94	1883	2.889	ug/L	95
8) Chloroethane	1.691	64	1902	2.702	ug/L	90
9) Trichlorofluoromethane	1.892	101	4940	2.892	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	3068	3.028	ug/L	93
12) 1,1-Dichloroethene	2.319	96	2755	3.091	ug/L #	1
13) Acetone	2.380	43	3190	4.541	ug/L	93
14) Carbon disulfide	2.514	76	6756	2.619	ug/L	97
15) Methyl Acetate	2.709	43	3043	2.566	ug/L	97
16) Methylene chloride	2.782	84	2867	2.921	ug/L	93
17) trans-1,2-Dichloroethene	3.093	96	2186	2.389	ug/L	95
18) Methyl tert-butyl Ether	3.117	73	7242	2.288	ug/L	98
19) 1,1-Dichloroethane	3.617	63	4468	2.513	ug/L	96
20) cis-1,2-Dichloroethene	4.495	96	2590	2.524	ug/L	96
22) 2-Butanone	4.568	43	4196	4.511	ug/L	80
23) Bromochloromethane	4.910	128	1322	2.526	ug/L #	60
25) Chloroform	5.086	83	8326	4.150	ug/L	88

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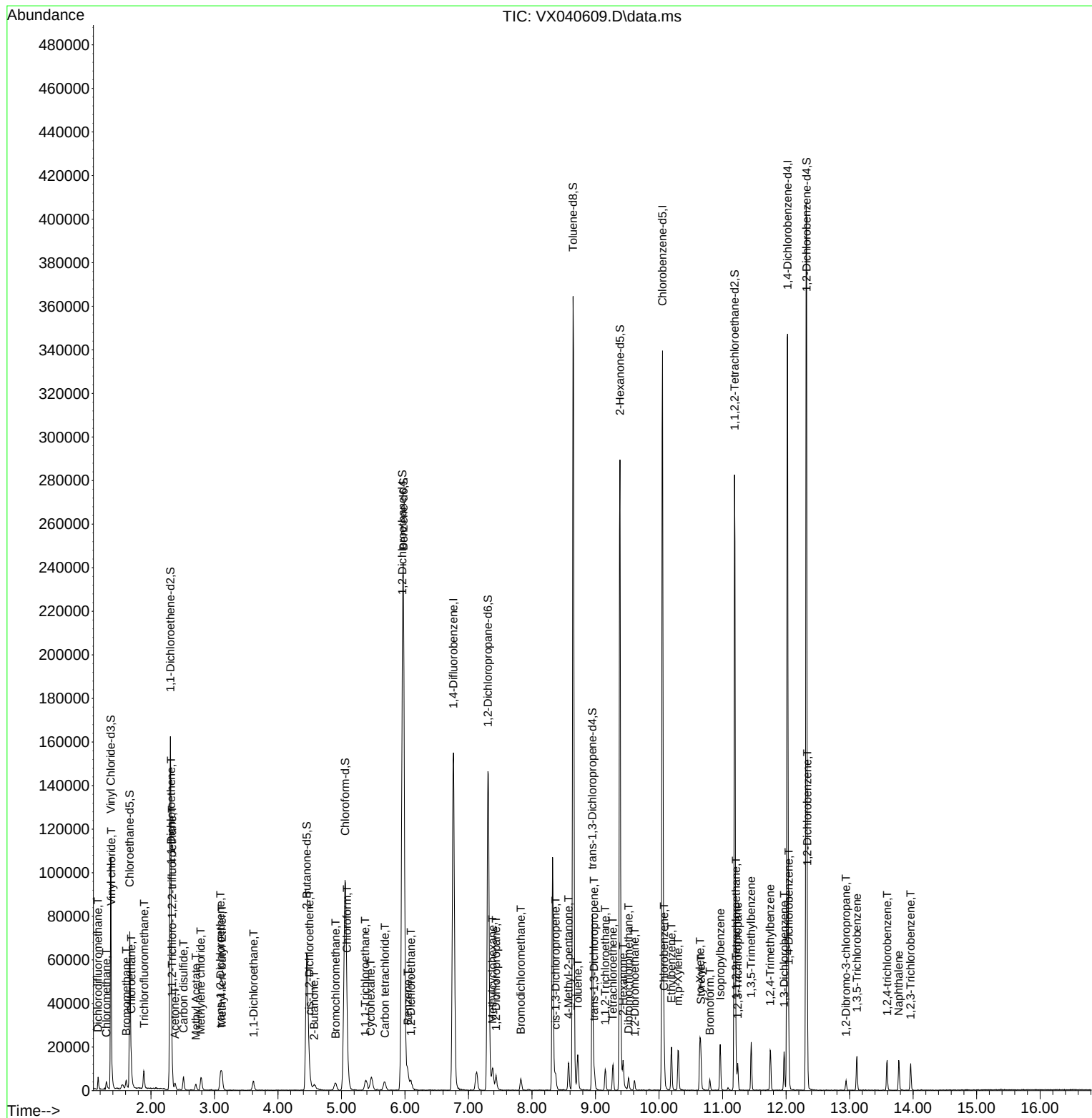
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	4687	2.658	ug/L	98
29) Cyclohexane	5.458	56	2140	1.396	ug/L #	45
30) 1,1,1-Trichloroethane	5.373	97	2323	1.337	ug/L #	83
31) Carbon tetrachloride	5.684	117	3648	2.502	ug/L	98
33) Benzene	6.043	78	8961	2.391	ug/L	100
35) Methylcyclohexane	7.379	83	4164	2.576	ug/L	98
37) 1,2-Dichloropropane	7.434	63	2192	2.209	ug/L #	88
38) Bromodichloromethane	7.824	83	3458	2.357	ug/L #	92
39) cis-1,3-Dichloropropene	8.372	75	4098	2.453	ug/L	96
40) 4-Methyl-2-pentanone	8.574	43	7876	4.631	ug/L	98
42) Toluene	8.720	91	10040	2.442	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	3413	2.098	ug/L	97
45) 1,1,2-Trichloroethane	9.153	97	2748	2.683	ug/L	97
46) Tetrachloroethene	9.275	164	2013	2.534	ug/L	97
48) 2-Hexanone	9.433	43	7261	5.152	ug/L	98
49) Dibromochloromethane	9.518	129	2399	2.242	ug/L	98
50) 1,2-Dibromoethane	9.616	107	2601	2.362	ug/L #	87
51) Chlorobenzene	10.079	112	6721	2.523	ug/L	94
52) Ethylbenzene	10.195	91	11453	2.371	ug/L	96
53) m,p-Xylene	10.299	106	4468	2.544	ug/L	95
54) o-Xylene	10.646	106	3766	2.234	ug/L	78
55) Styrene	10.659	104	6446	2.194	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	4582	2.714	ug/L	97
59) Bromoform	10.799	173	1600	2.012	ug/L #	94
60) Isopropylbenzene	10.963	105	10669	2.317	ug/L	96
61) 1,2,3-Trichloropropane	11.238	75	3229	2.363	ug/L	93
62) 1,3,5-Trimethylbenzene	11.451	105	9221	2.416	ug/L	95
63) 1,2,4-Trimethylbenzene	11.750	105	8727	2.286	ug/L	95
64) 1,3-Dichlorobenzene	11.969	146	4743	2.353	ug/L	90
65) 1,4-Dichlorobenzene	12.042	146	5652	2.757	ug/L	90
67) 1,2-Dichlorobenzene	12.335	146	4987	2.602	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.945	75	1003	2.507	ug/L	97
69) 1,3,5-Trichlorobenzene	13.115	180	3704	2.738	ug/L	97
70) 1,2,4-trichlorobenzene	13.591	180	3210	2.558	ug/L	94
71) Naphthalene	13.774	128	8472	2.124	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	2952	2.388	ug/L	96

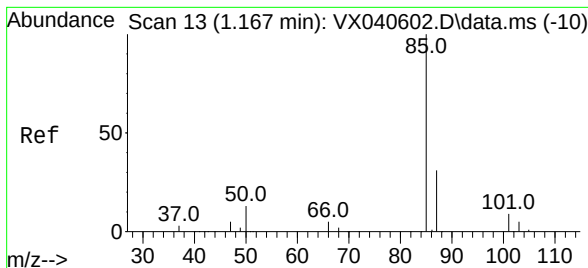
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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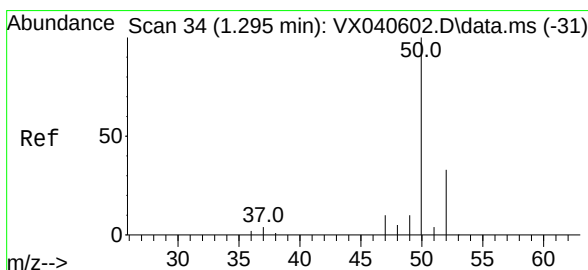
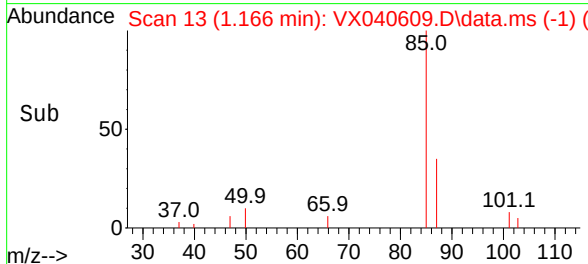
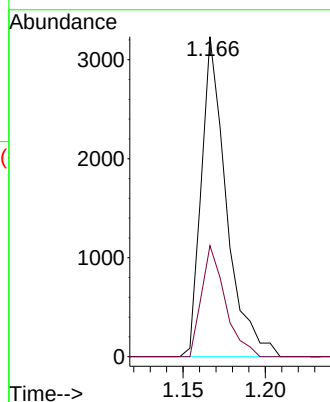
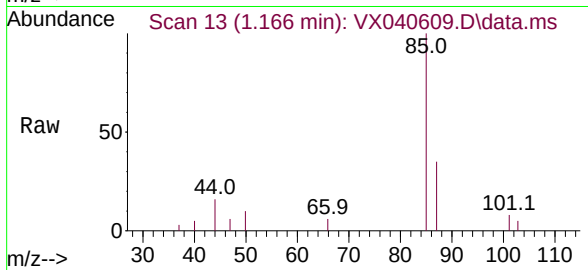




#2
 Dichlorodifluoromethane
 Concen: 2.627 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX040609.D
 Acq: 06 Mar 2024 17:21

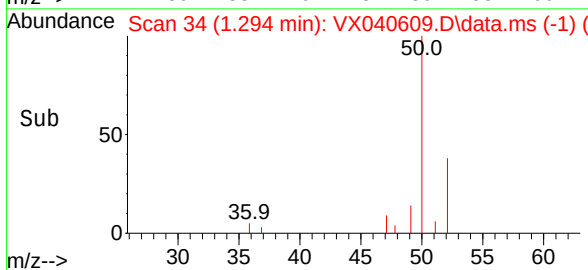
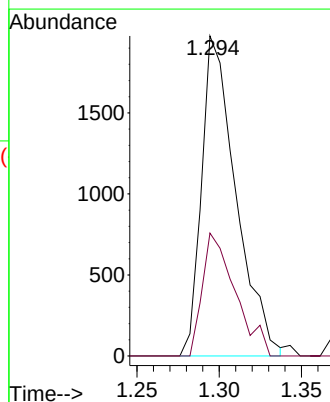
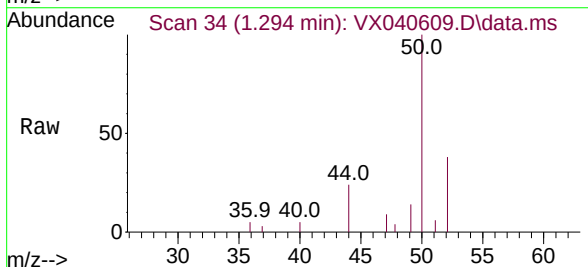
Instrument :
 MSVOA_X
 ClientSampleId :

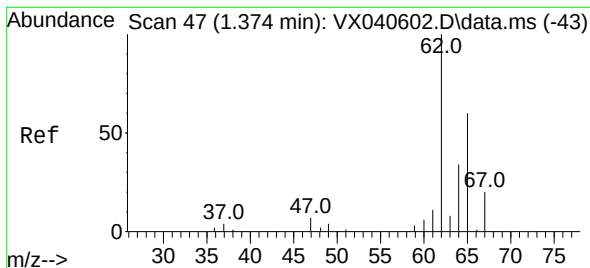
Tgt Ion: 85 Resp: 3429
 Ion Ratio Lower Upper
 85 100
 87 32.7 26.1 39.1



#3
 Chloromethane
 Concen: 2.535 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. -0.000 min
 Lab File: VX040609.D
 Acq: 06 Mar 2024 17:21

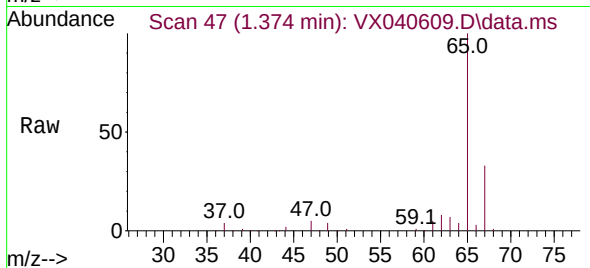
Tgt Ion: 50 Resp: 2876
 Ion Ratio Lower Upper
 50 100
 52 38.4 23.1 42.9



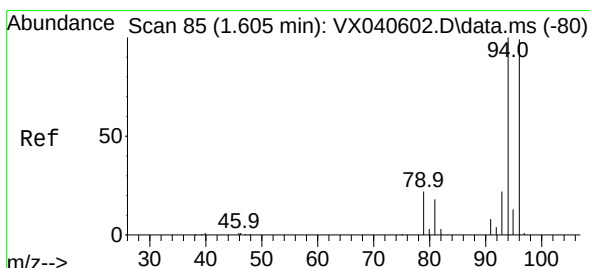
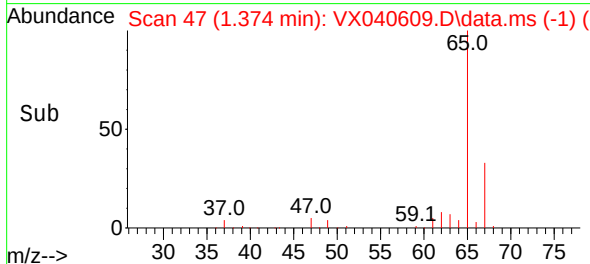
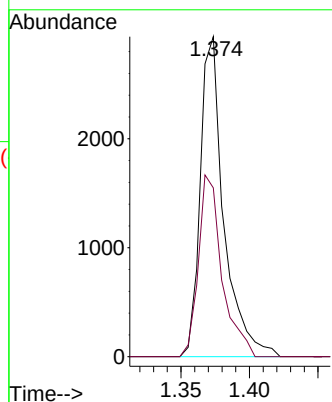


#5
 Vinyl chloride
 Concen: 2.859 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX040609.D
 Acq: 06 Mar 2024 17:21

Instrument :
 MSVOA_X
 ClientSampleId :

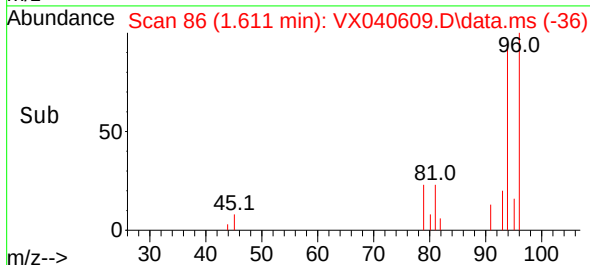
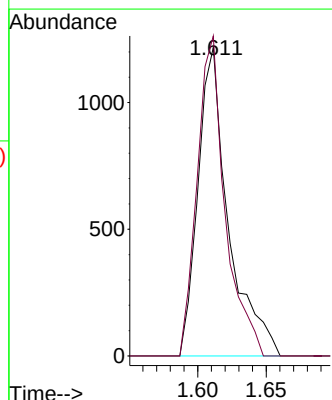
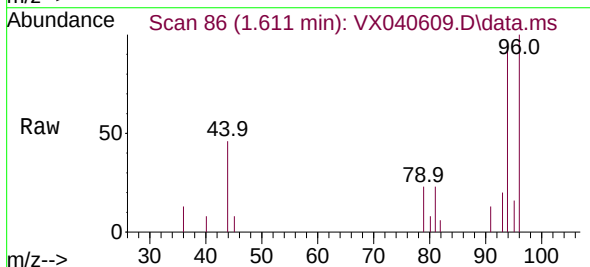


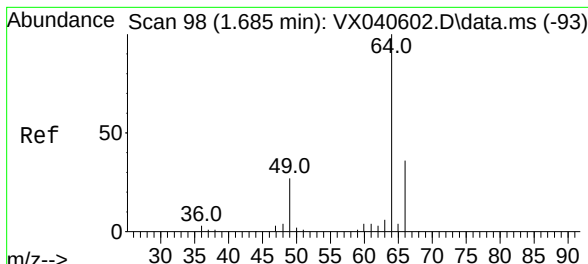
Tgt Ion: 62 Resp: 3510
 Ion Ratio Lower Upper
 62 100
 64 52.7 23.8 44.2#



#6
 Bromomethane
 Concen: 2.889 ug/L
 RT: 1.611 min Scan# 86
 Delta R.T. 0.006 min
 Lab File: VX040609.D
 Acq: 06 Mar 2024 17:21

Tgt Ion: 94 Resp: 1883
 Ion Ratio Lower Upper
 94 100
 96 103.7 69.0 128.2

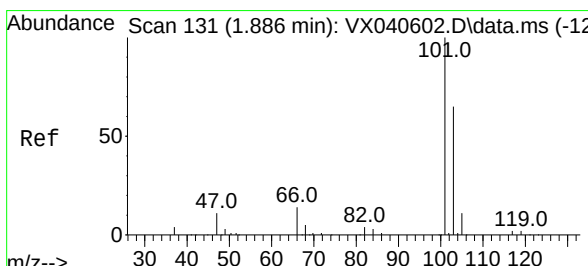
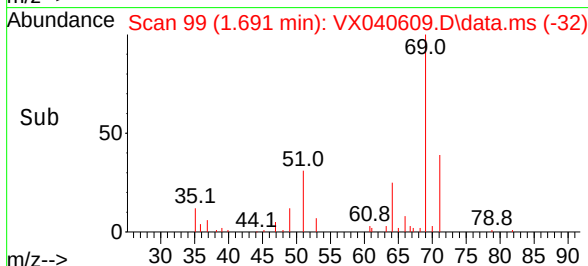
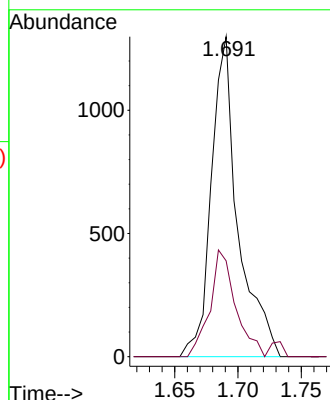
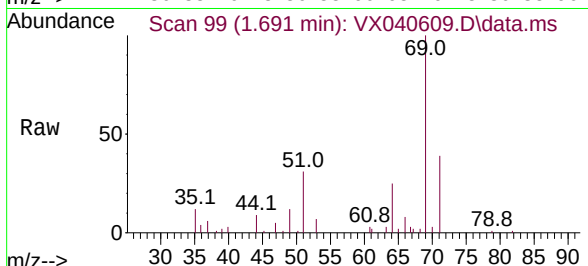




#8
Chloroethane
Concen: 2.702 ug/L
RT: 1.691 min Scan# 90
Delta R.T. 0.006 min
Lab File: VX040609.D
Acq: 06 Mar 2024 17:21

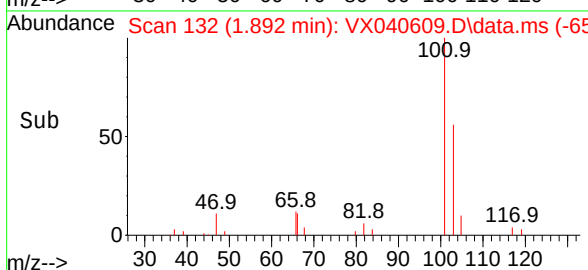
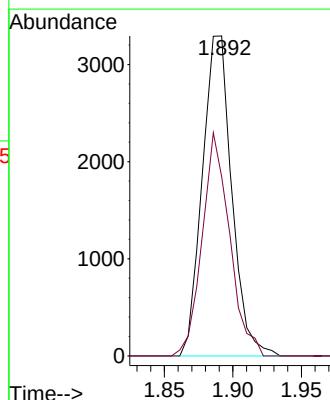
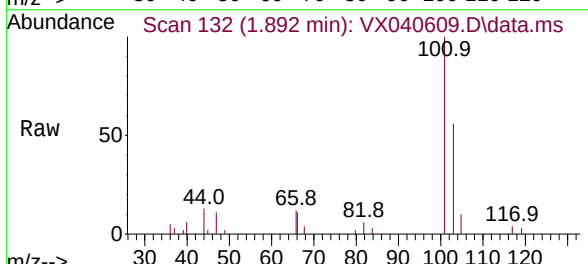
Instrument :
MSVOA_X
ClientSampleId :

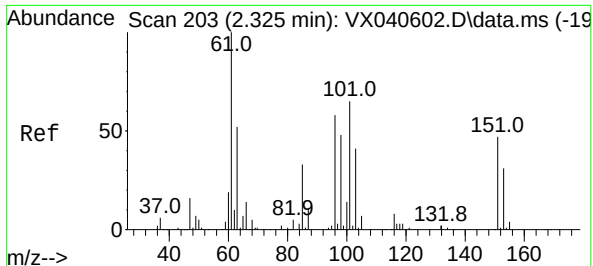
Tgt Ion: 64 Resp: 1902
Ion Ratio Lower Upper
64 100
66 29.9 25.0 46.4



#9
Trichlorofluoromethane
Concen: 2.892 ug/L
RT: 1.892 min Scan# 132
Delta R.T. 0.006 min
Lab File: VX040609.D
Acq: 06 Mar 2024 17:21

Tgt Ion:101 Resp: 4940
Ion Ratio Lower Upper
101 100
103 64.9 51.7 77.5





#10

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

Concen: 3.028 ug/L

RT: 2.331 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX040609.D

Acq: 06 Mar 2024 17:21

Instrument :

MSVOA_X

ClientSampleId :

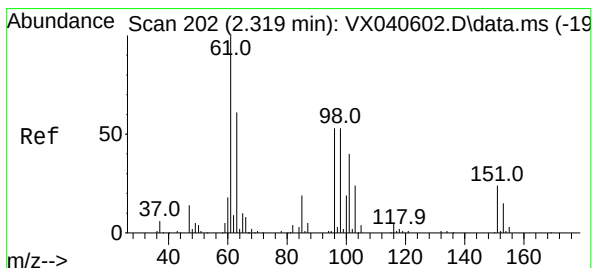
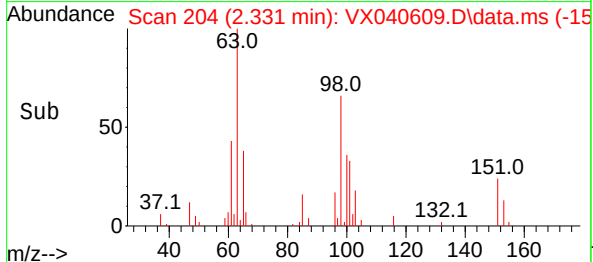
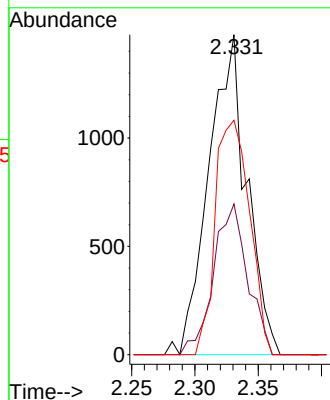
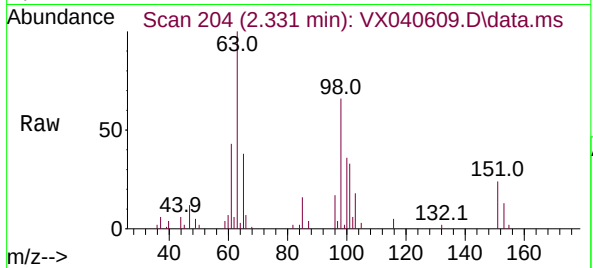
Tgt Ion:101 Resp: 3068

Ion Ratio Lower Upper

101 100

85 42.6 38.3 57.5

151 66.8 57.7 86.5



#12

1,1-Dichloroethene

Concen: 3.091 ug/L

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX040609.D

Acq: 06 Mar 2024 17:21

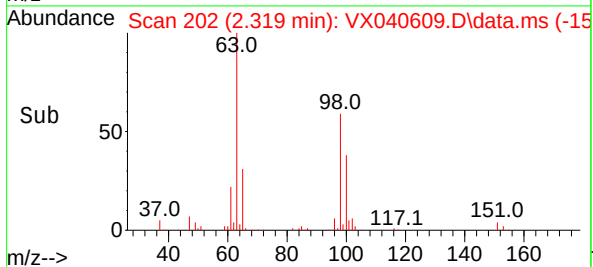
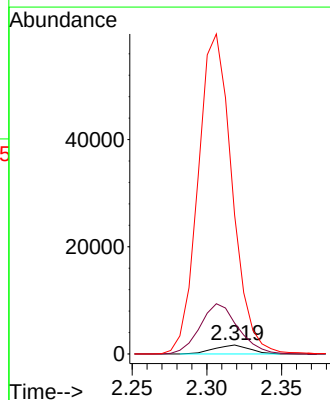
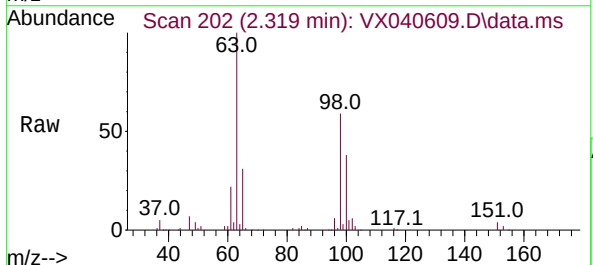
Tgt Ion: 96 Resp: 2755

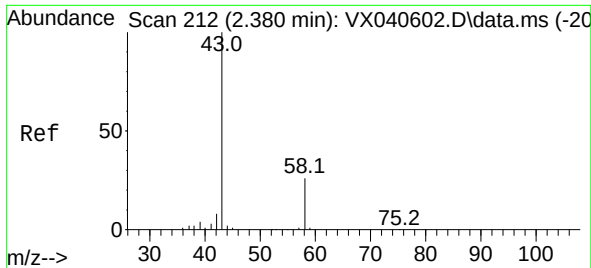
Ion Ratio Lower Upper

96 100

61 347.1 134.8 250.4#

63 1560.5 92.5 171.9#





#13

Acetone

Concen: 4.541 ug/L

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

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Instrument :

MSVOA_X

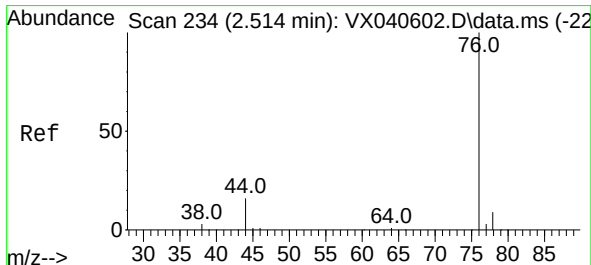
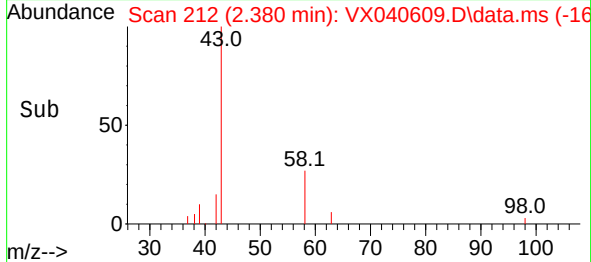
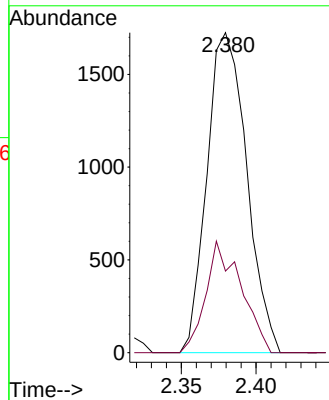
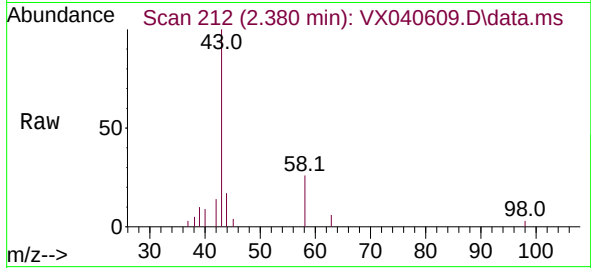
ClientSampleId :

Tgt Ion: 43 Resp: 3190

Ion Ratio Lower Upper

43 100

58 31.0 0.0 54.6



#14

Carbon disulfide

Concen: 2.619 ug/L

RT: 2.514 min Scan# 234

Delta R.T. -0.000 min

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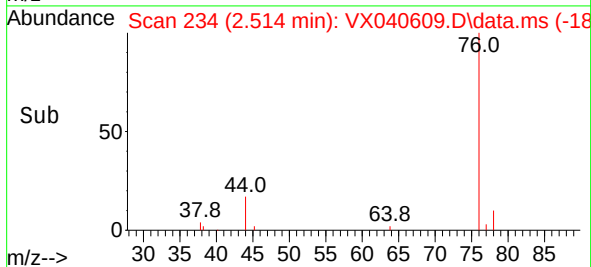
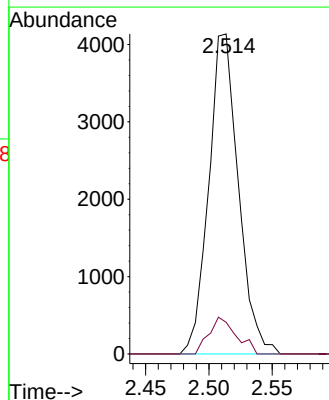
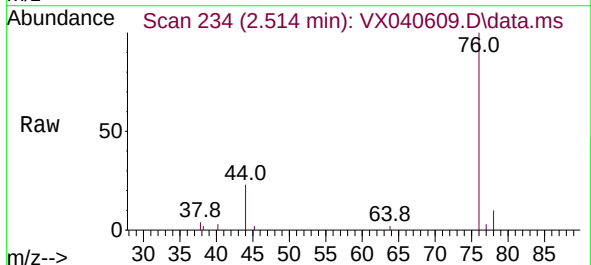
Acq: 06 Mar 2024 17:21

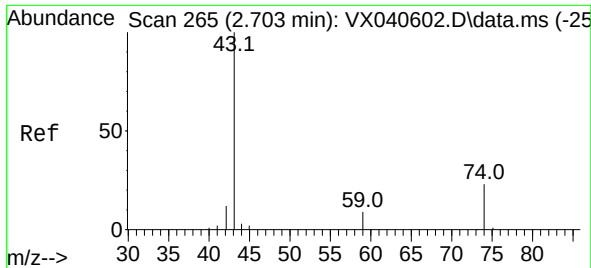
Tgt Ion: 76 Resp: 6756

Ion Ratio Lower Upper

76 100

78 9.9 7.2 10.8

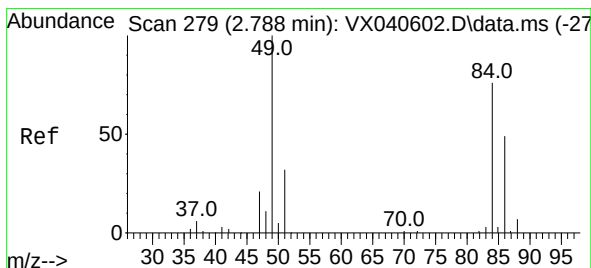
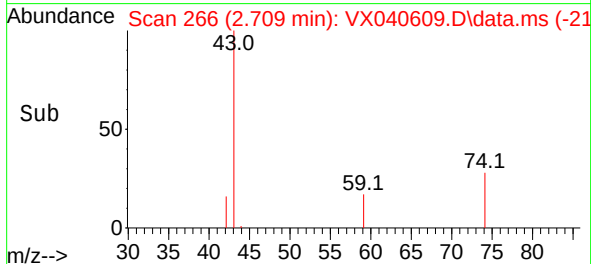
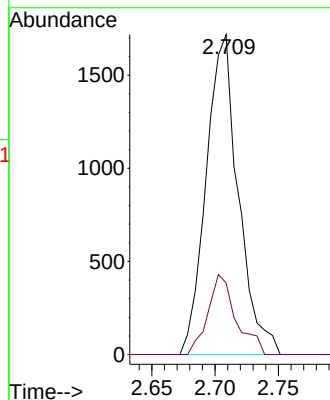
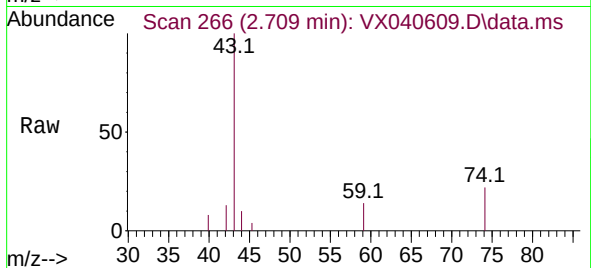




#15
Methyl Acetate
Concen: 2.566 ug/L
RT: 2.709 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX040609.D
Acq: 06 Mar 2024 17:21

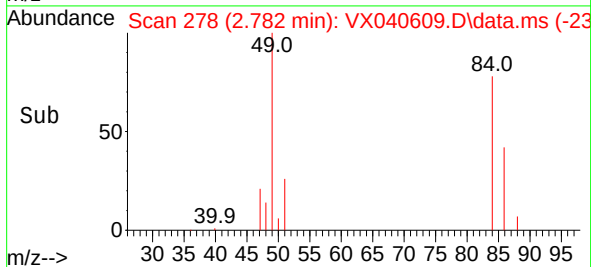
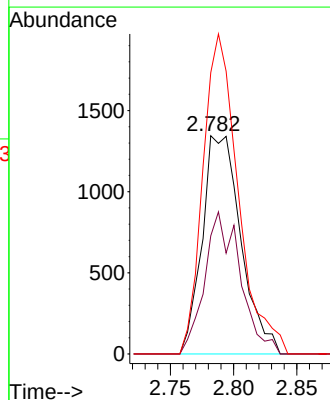
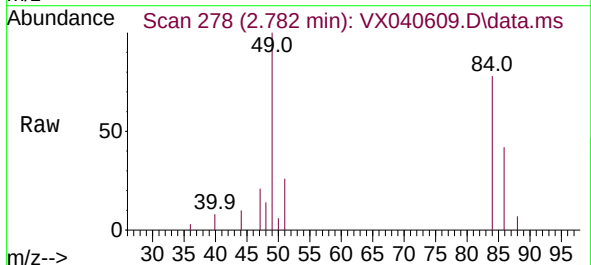
Instrument :
MSVOA_X
ClientSampleId :

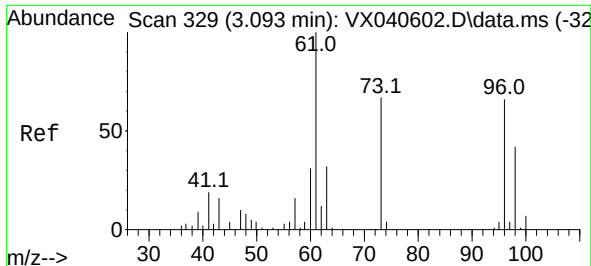
Tgt Ion: 43 Resp: 3043
Ion Ratio Lower Upper
43 100
74 20.7 17.6 26.4



#16
Methylene chloride
Concen: 2.921 ug/L
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX040609.D
Acq: 06 Mar 2024 17:21

Tgt Ion: 84 Resp: 2867
Ion Ratio Lower Upper
84 100
86 54.1 45.8 85.2
49 128.8 92.6 172.0





#17

trans-1,2-Dichloroethene

Concen: 2.389 ug/L

RT: 3.093 min Scan# 329

Delta R.T. -0.000 min

Lab File: VX040609.D

Acq: 06 Mar 2024 17:21

Instrument :

MSVOA_X

ClientSampleId :

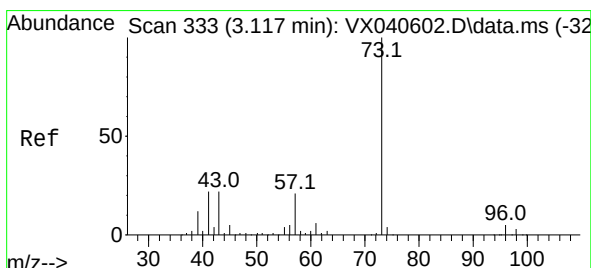
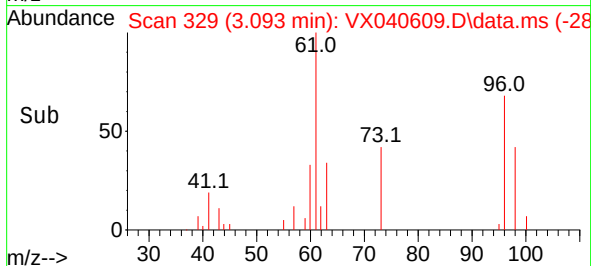
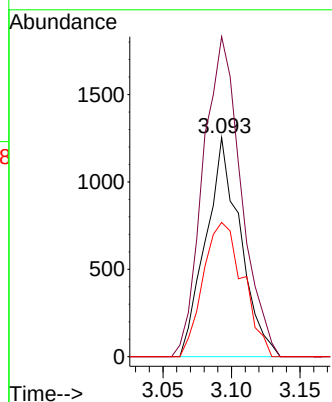
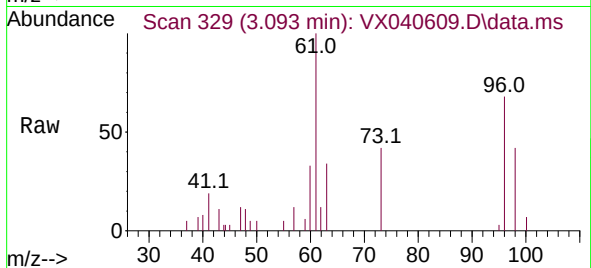
Tgt Ion: 96 Resp: 2186

Ion Ratio Lower Upper

96 100

61 146.1 106.6 198.0

98 61.3 45.1 83.9



#18

Methyl tert-butyl Ether

Concen: 2.288 ug/L

RT: 3.117 min Scan# 333

Delta R.T. -0.000 min

Lab File: VX040609.D

Acq: 06 Mar 2024 17:21

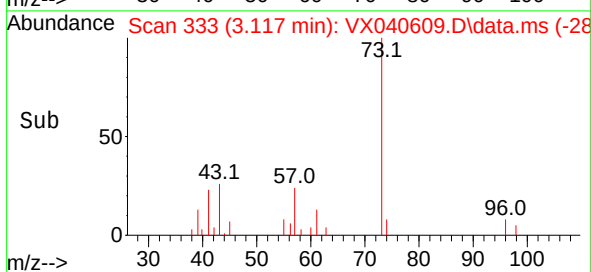
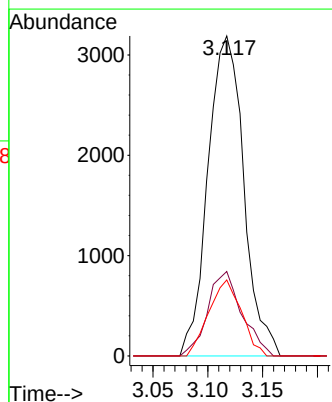
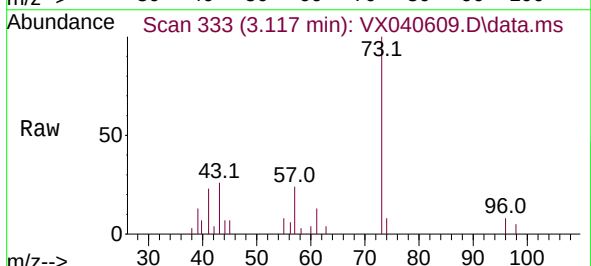
Tgt Ion: 73 Resp: 7242

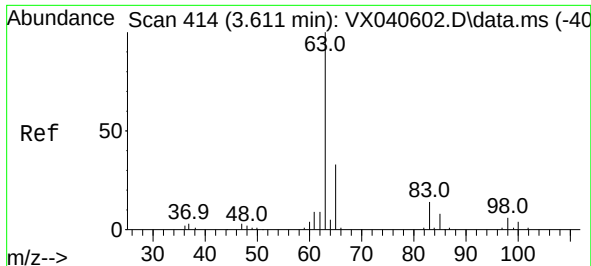
Ion Ratio Lower Upper

73 100

43 25.3 19.3 28.9

57 21.7 17.1 25.7





#19

1,1-Dichloroethane

Concen: 2.513 ug/L

RT: 3.617 min Scan# 41

Delta R.T. 0.006 min

Lab File: VX040609.D

Acq: 06 Mar 2024 17:21

Instrument :

MSVOA_X

ClientSampleId :

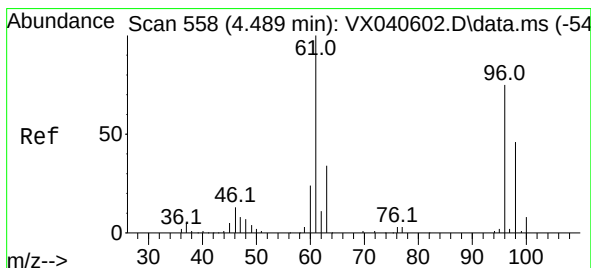
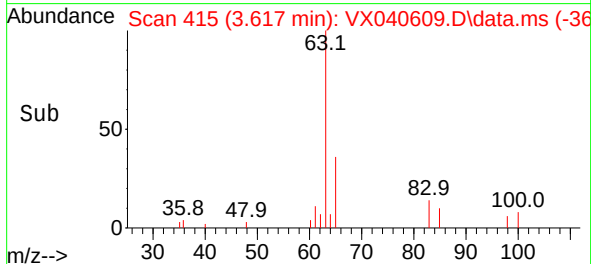
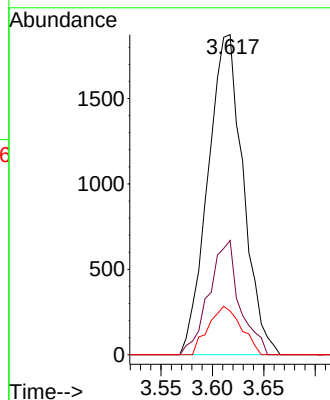
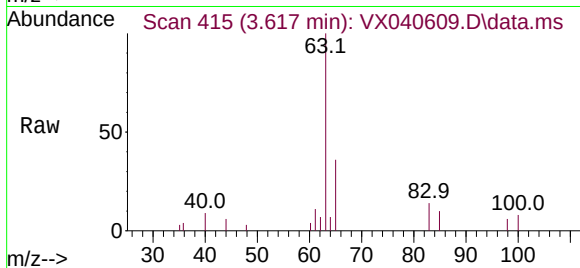
Tgt Ion: 63 Resp: 4468

Ion Ratio Lower Upper

63 100

65 35.7 23.1 42.9

83 13.7 9.9 18.5



#20

cis-1,2-Dichloroethene

Concen: 2.524 ug/L

RT: 4.495 min Scan# 559

Delta R.T. 0.006 min

Lab File: VX040609.D

Acq: 06 Mar 2024 17:21

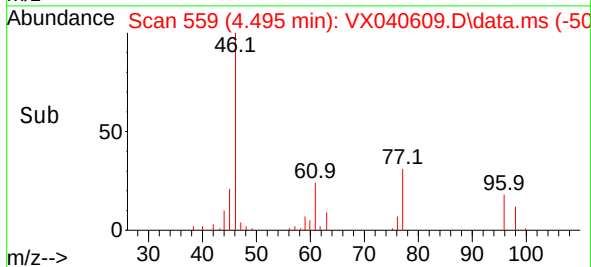
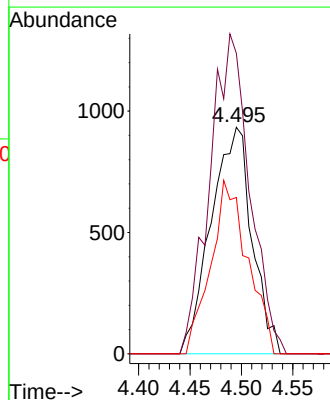
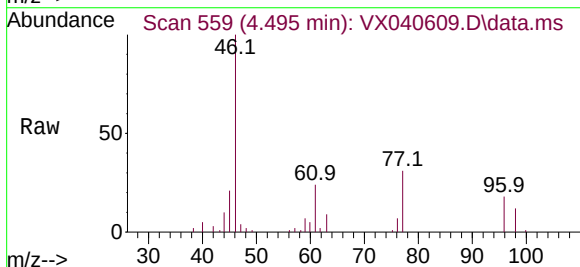
Tgt Ion: 96 Resp: 2590

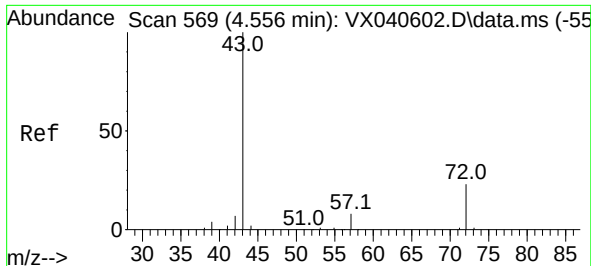
Ion Ratio Lower Upper

96 100

61 132.5 93.0 172.8

98 69.0 42.4 78.6





#22

2-Butanone

Concen: 4.511 ug/L

RT: 4.568 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX040609.D

Acq: 06 Mar 2024 17:21

Instrument :

MSVOA_X

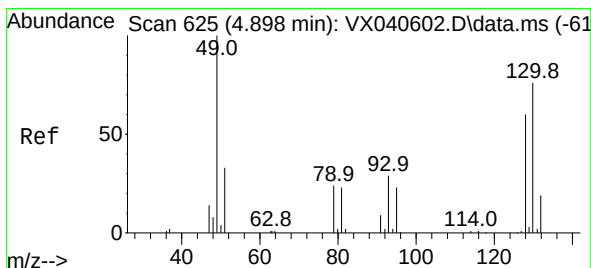
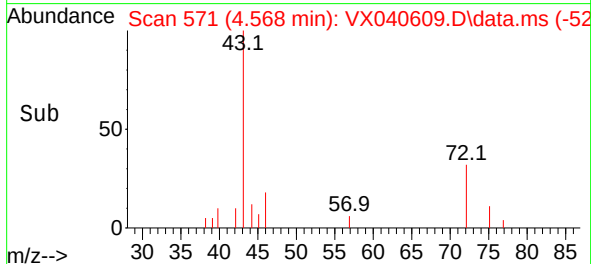
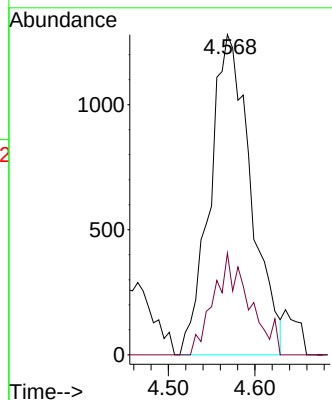
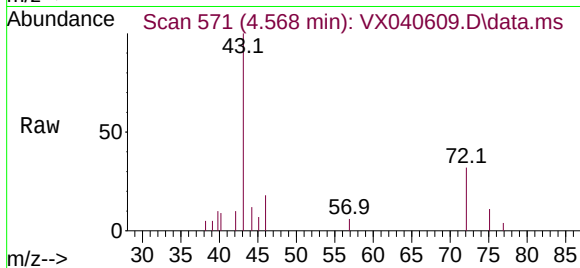
ClientSampleId :

Tgt Ion: 43 Resp: 4196

Ion Ratio Lower Upper

43 100

72 14.9 12.4 37.2



#23

Bromochloromethane

Concen: 2.526 ug/L

RT: 4.910 min Scan# 627

Delta R.T. 0.012 min

Lab File: VX040609.D

Acq: 06 Mar 2024 17:21

Tgt Ion: 128 Resp: 1322

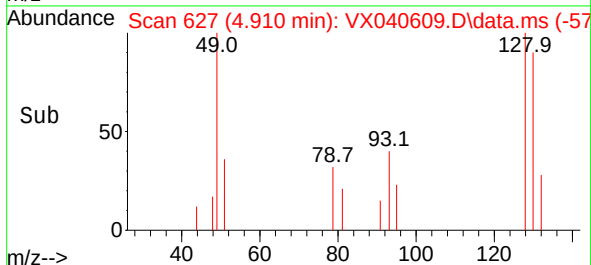
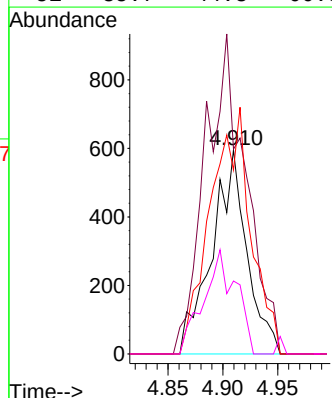
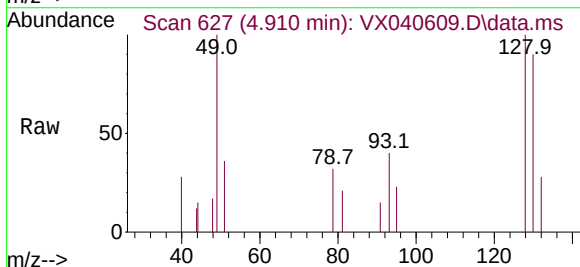
Ion Ratio Lower Upper

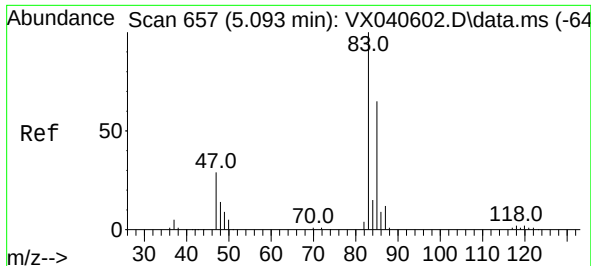
128 100

49 100.3 118.1 219.3#

130 90.1 89.4 166.0

51 35.7 44.3 66.5#





#25

Chloroform

Concen: 4.150 ug/L

RT: 5.086 min Scan# 60

Delta R.T. -0.006 min

Lab File: VX040609.D

Acq: 06 Mar 2024 17:21

Instrument :

MSVOA_X

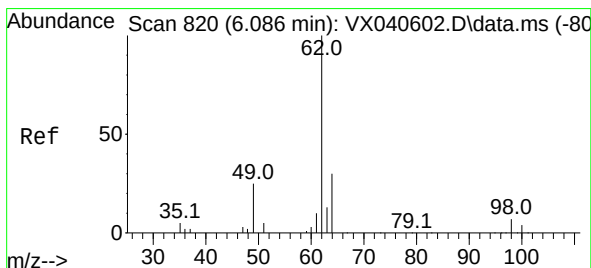
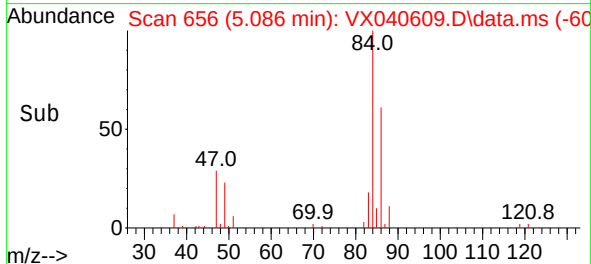
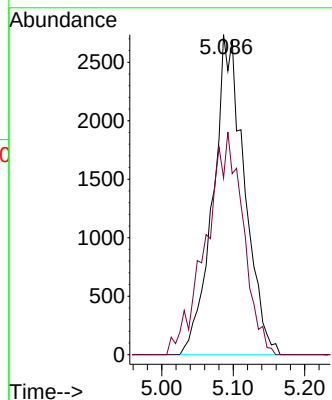
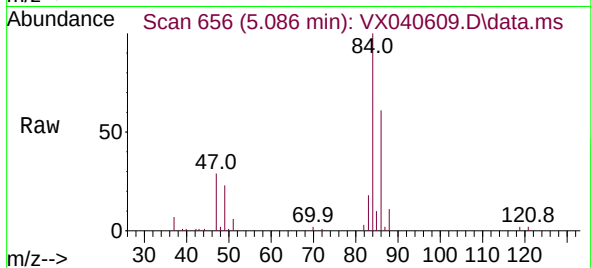
ClientSampleId :

Tgt Ion: 83 Resp: 8326

Ion Ratio Lower Upper

83 100

85 55.2 45.4 84.4



#27

1,2-Dichloroethane

Concen: 2.658 ug/L

RT: 6.092 min Scan# 821

Delta R.T. 0.006 min

Lab File: VX040609.D

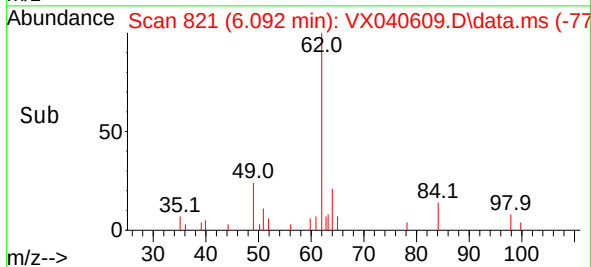
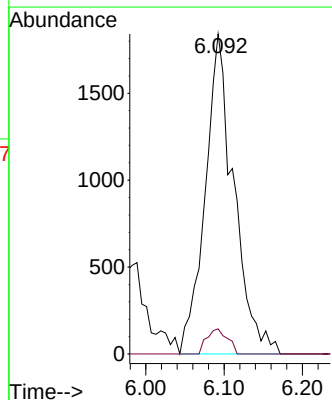
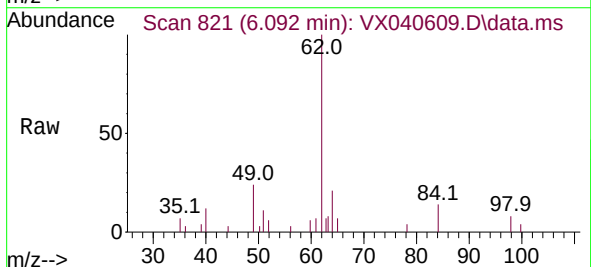
Acq: 06 Mar 2024 17:21

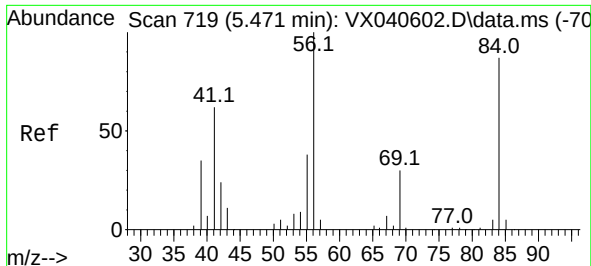
Tgt Ion: 62 Resp: 4687

Ion Ratio Lower Upper

62 100

98 7.9 5.8 8.6





#29

Cyclohexane

Concen: 1.396 ug/L

RT: 5.458 min Scan# 717

Delta R.T. -0.012 min

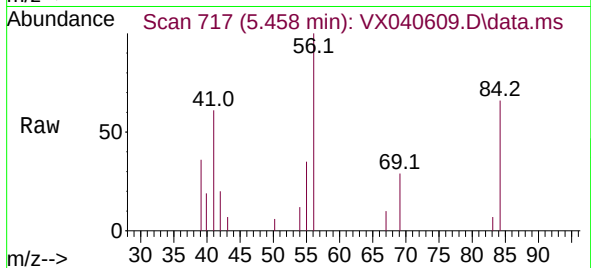
Lab File: VX040609.D

Acq: 06 Mar 2024 17:21

Instrument :

MSVOA_X

ClientSampleId :



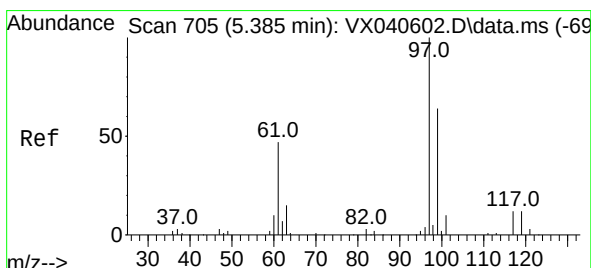
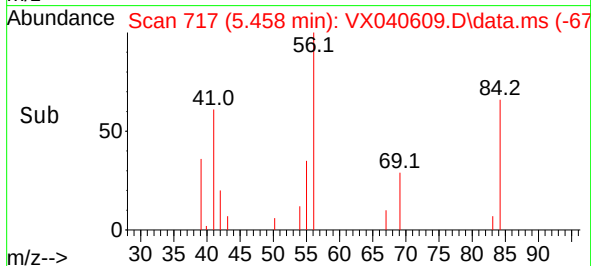
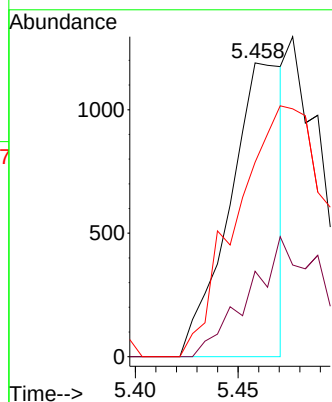
Tgt Ion: 56 Resp: 2140

Ion Ratio Lower Upper

56 100

69 40.4 25.0 37.4#

84 151.9 70.6 105.8#



#30

1,1,1-Trichloroethane

Concen: 1.337 ug/L

RT: 5.373 min Scan# 703

Delta R.T. -0.012 min

Lab File: VX040609.D

Acq: 06 Mar 2024 17:21

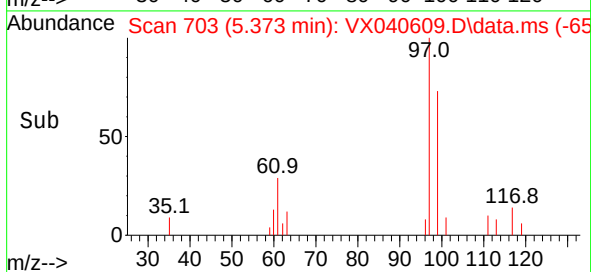
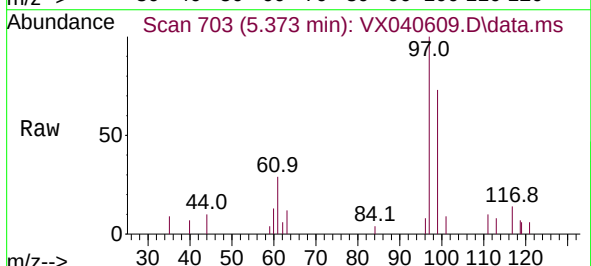
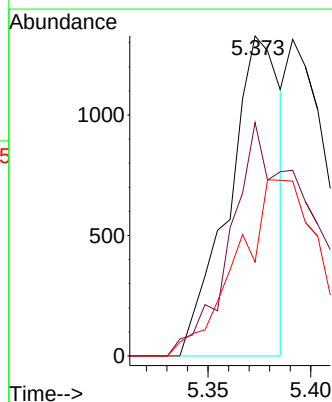
Tgt Ion: 97 Resp: 2323

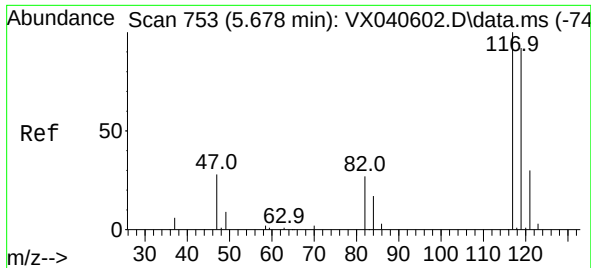
Ion Ratio Lower Upper

97 100

99 54.5 52.1 78.1

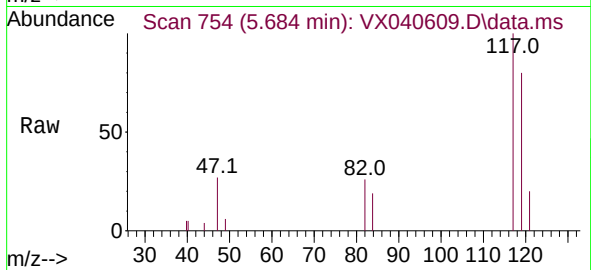
61 62.5 38.3 57.5#



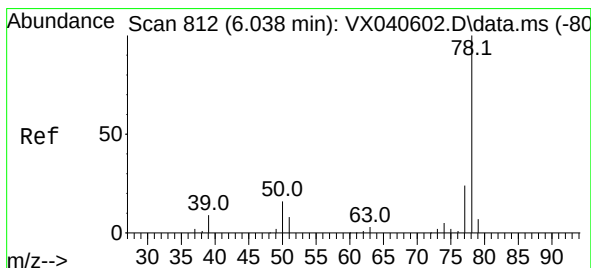
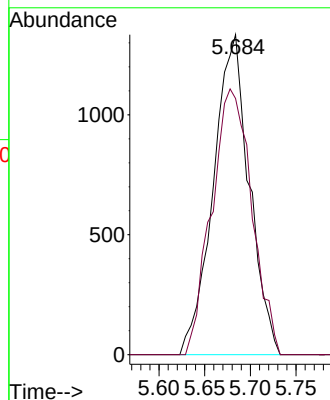
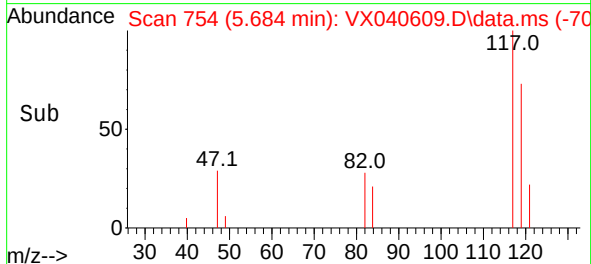


#31
Carbon tetrachloride
Concen: 2.502 ug/L
RT: 5.684 min Scan# 754
Delta R.T. 0.006 min
Lab File: VX040609.D
Acq: 06 Mar 2024 17:21

Instrument :
MSVOA_X
ClientSampleId :

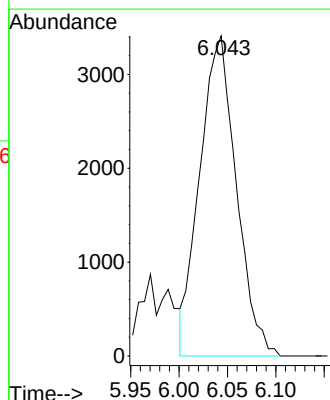
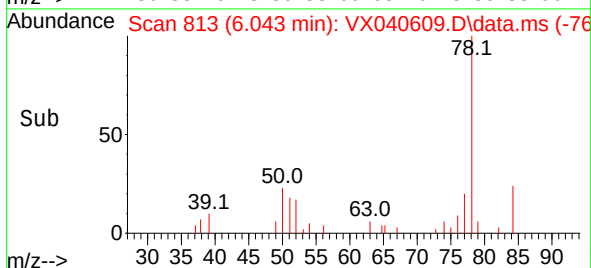
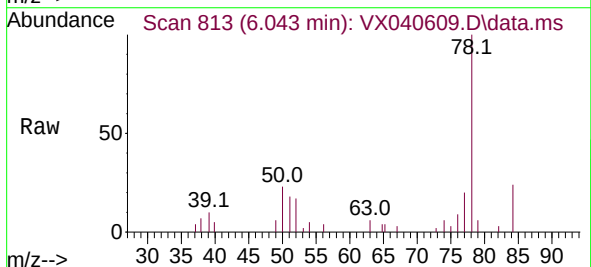


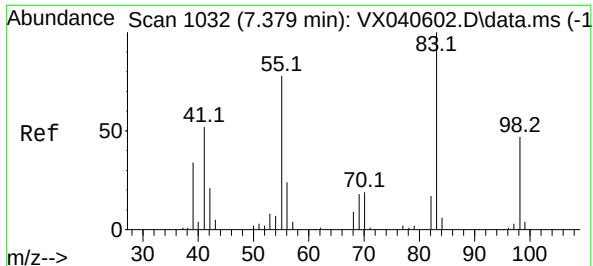
Tgt Ion:117 Resp: 3648
Ion Ratio Lower Upper
117 100
119 92.8 75.4 113.2



#33
Benzene
Concen: 2.391 ug/L
RT: 6.043 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX040609.D
Acq: 06 Mar 2024 17:21

Tgt Ion: 78 Resp: 8961





#35

Methylcyclohexane

Concen: 2.576 ug/L

RT: 7.379 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX040609.D

Acq: 06 Mar 2024 17:21

Instrument :

MSVOA_X

ClientSampleId :

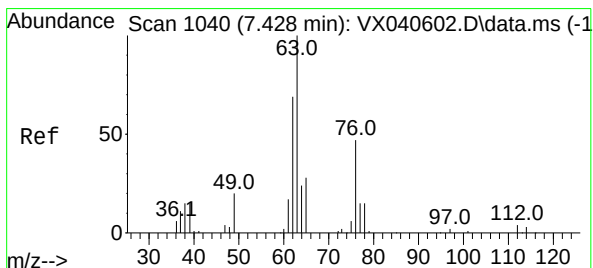
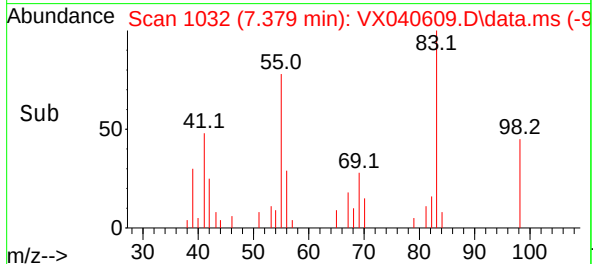
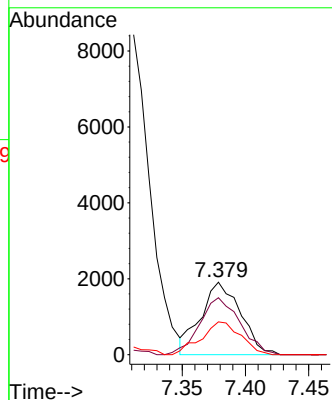
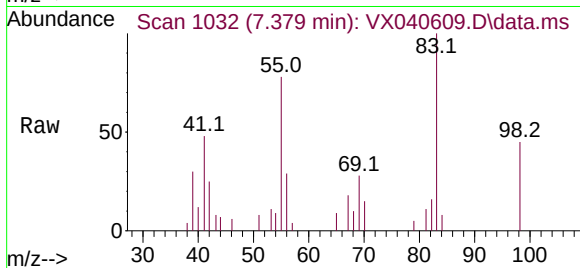
Tgt Ion: 83 Resp: 4164

Ion Ratio Lower Upper

83 100

55 79.7 62.6 94.0

98 45.0 37.4 56.2



#37

1,2-Dichloropropane

Concen: 2.209 ug/L

RT: 7.434 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX040609.D

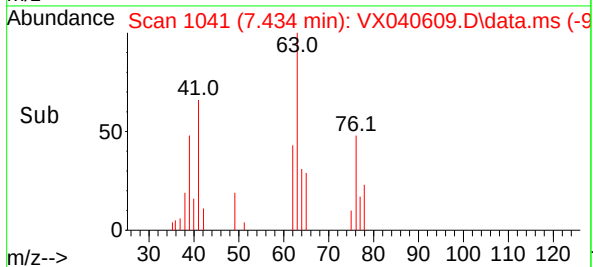
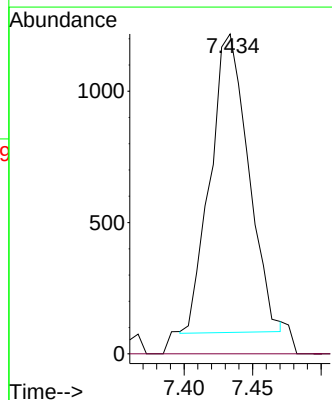
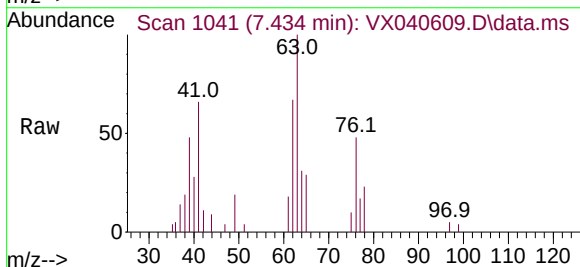
Acq: 06 Mar 2024 17:21

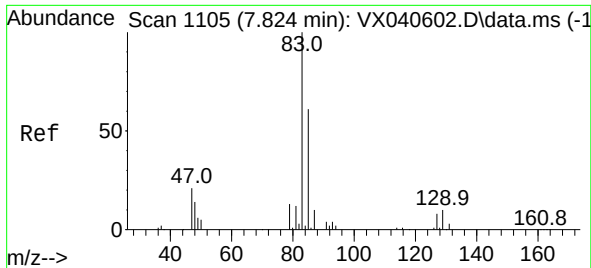
Tgt Ion: 63 Resp: 2192

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#

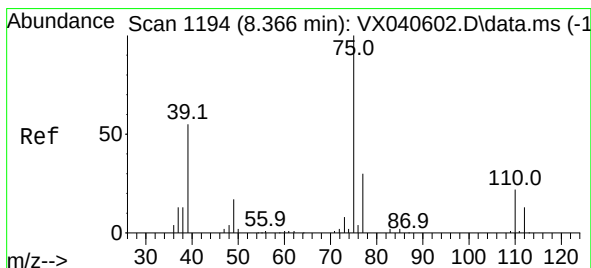
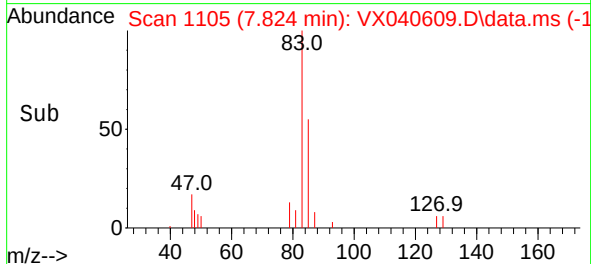
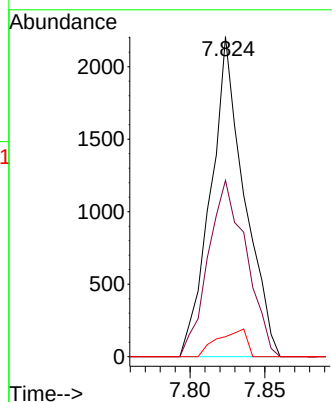
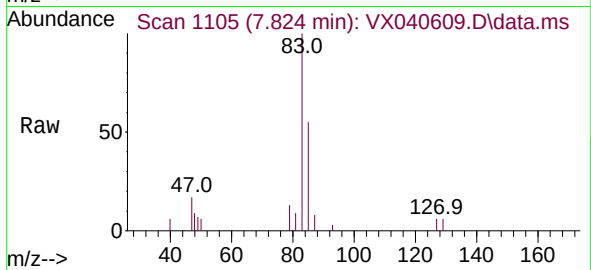




#38
Bromodichloromethane
Concen: 2.357 ug/L
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX040609.D
Acq: 06 Mar 2024 17:21

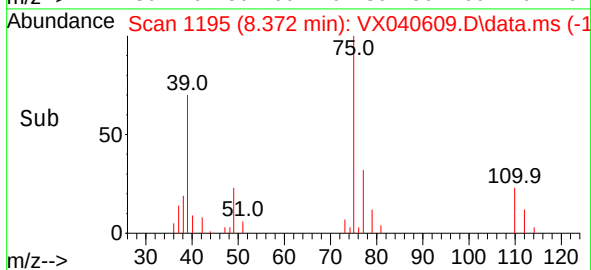
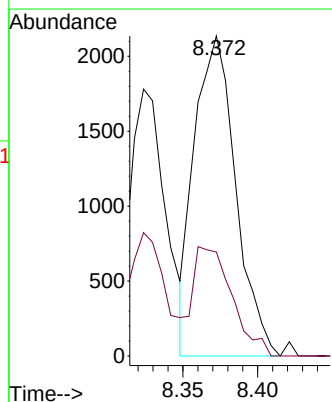
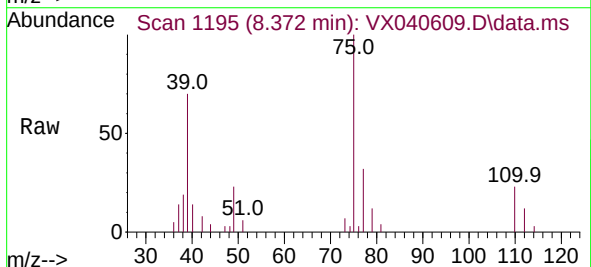
Instrument :
MSVOA_X
ClientSampleId :

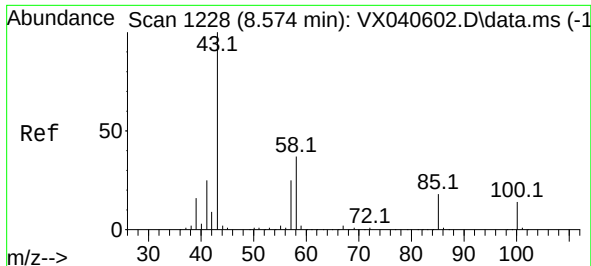
Tgt Ion: 83 Resp: 3458
Ion Ratio Lower Upper
83 100
85 55.1 42.8 79.4
127 6.3 6.5 9.7#



#39
cis-1,3-Dichloropropene
Concen: 2.453 ug/L
RT: 8.372 min Scan# 1195
Delta R.T. 0.006 min
Lab File: VX040609.D
Acq: 06 Mar 2024 17:21

Tgt Ion: 75 Resp: 4098
Ion Ratio Lower Upper
75 100
77 32.5 21.1 39.3

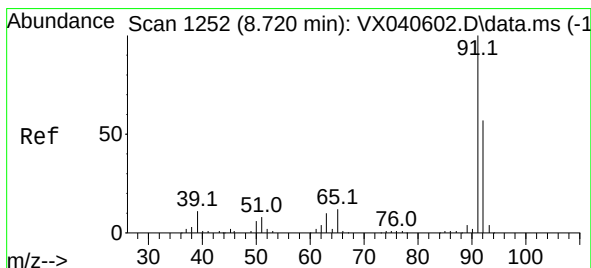
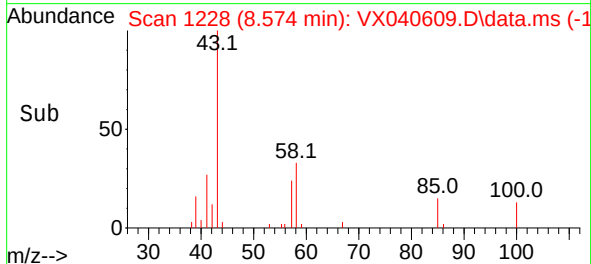
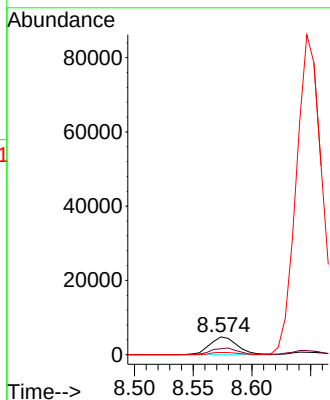
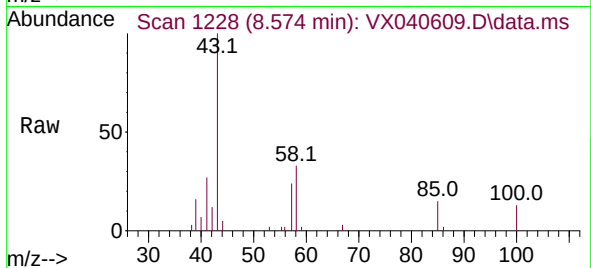




#40
4-Methyl-2-pentanone
Concen: 4.631 ug/L
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX040609.D
Acq: 06 Mar 2024 17:21

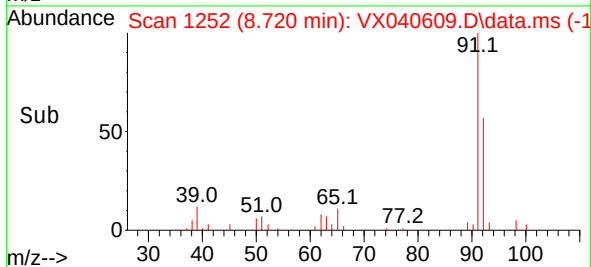
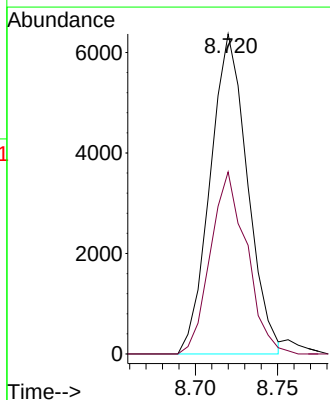
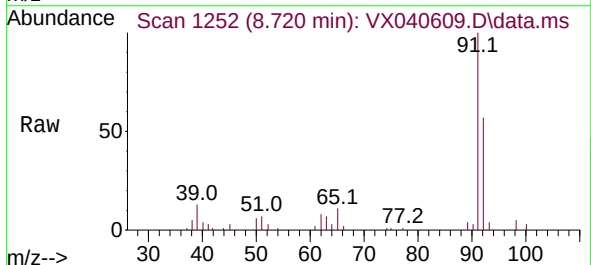
Instrument :
MSVOA_X
ClientSampleId :

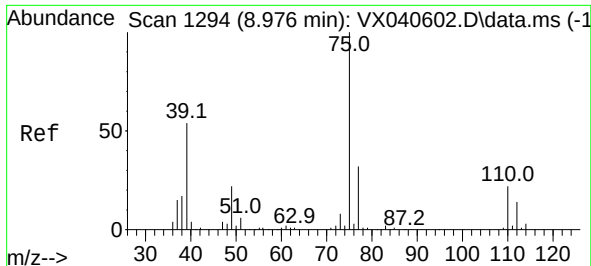
Tgt Ion: 43 Resp: 7876
Ion Ratio Lower Upper
43 100
58 35.4 29.3 43.9
100 12.6 10.7 16.1



#42
Toluene
Concen: 2.442 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX040609.D
Acq: 06 Mar 2024 17:21

Tgt Ion: 91 Resp: 10040
Ion Ratio Lower Upper
91 100
92 56.9 40.2 74.6





#44

trans-1,3-Dichloropropene

Concen: 2.098 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX040609.D

Acq: 06 Mar 2024 17:21

Instrument :

MSVOA_X

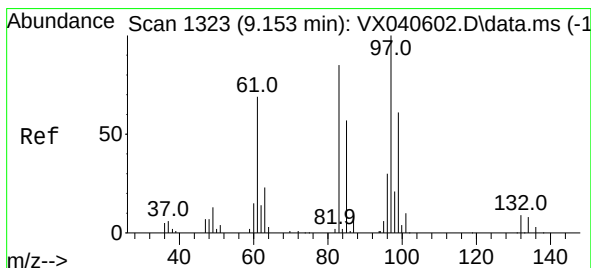
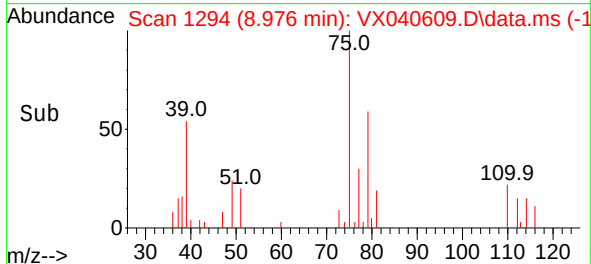
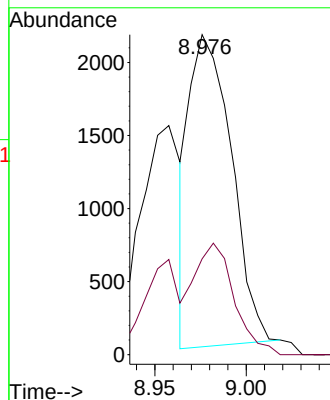
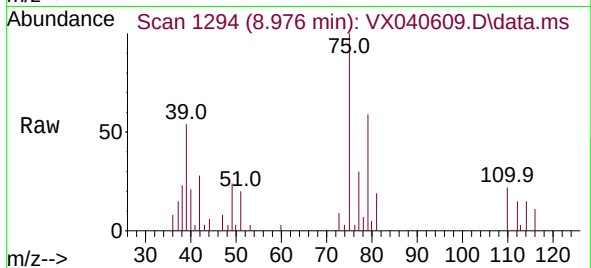
ClientSampleId :

Tgt Ion: 75 Resp: 3413

Ion Ratio Lower Upper

75 100

77 30.0 22.1 41.1



#45

1,1,2-Trichloroethane

Concen: 2.683 ug/L

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX040609.D

Acq: 06 Mar 2024 17:21

Tgt Ion: 97 Resp: 2748

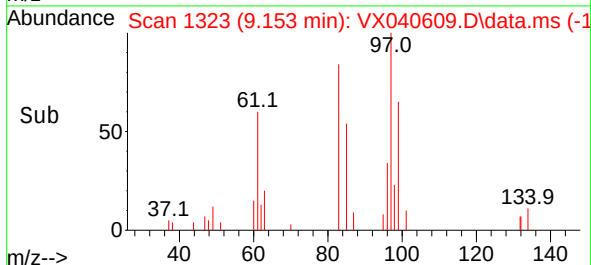
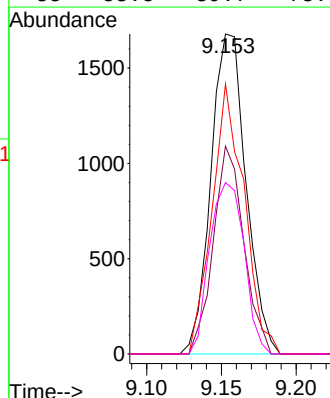
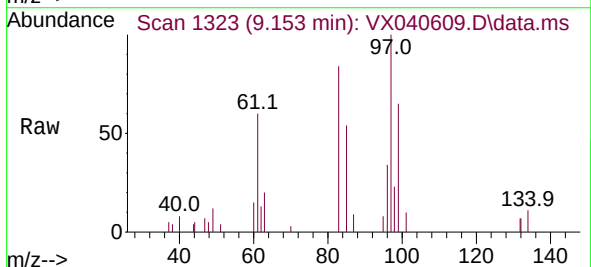
Ion Ratio Lower Upper

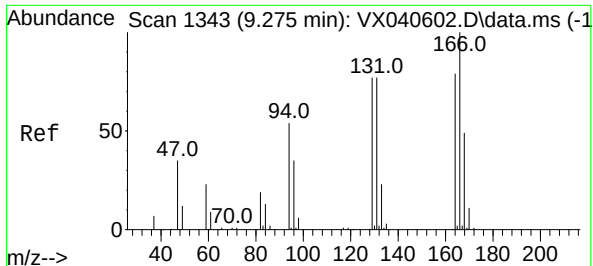
97 100

99 65.0 42.6 79.0

83 84.3 59.2 110.0

85 53.5 39.7 73.7





#46

Tetrachloroethene

Concen: 2.534 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. -0.000 min

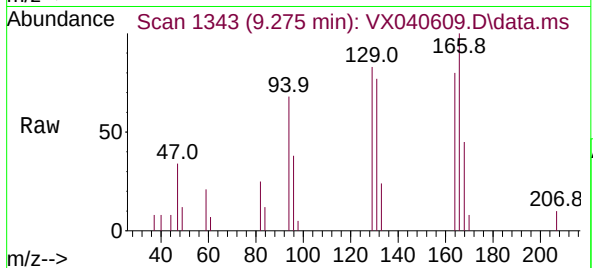
Lab File: VX040609.D

Acq: 06 Mar 2024 17:21

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:164 Resp: 2013

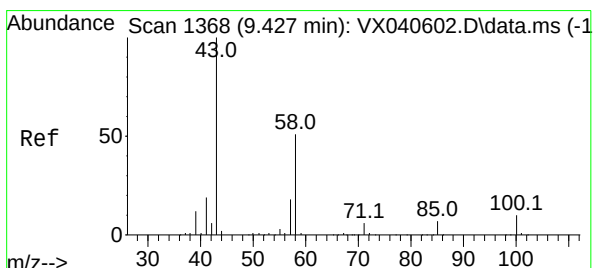
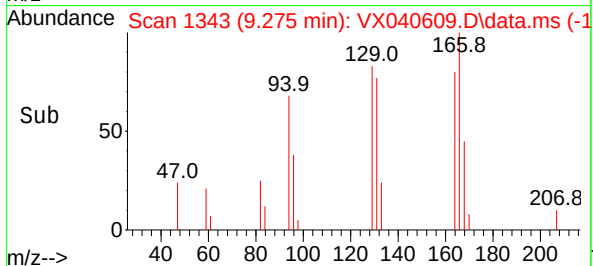
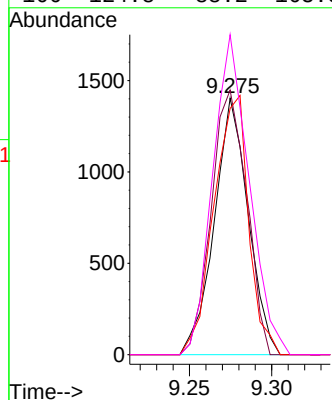
Ion Ratio Lower Upper

164 100

129 103.2 67.8 126.0

131 96.0 67.8 126.0

166 124.8 88.2 163.8



#48

2-Hexanone

Concen: 5.152 ug/L

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX040609.D

Acq: 06 Mar 2024 17:21

Tgt Ion: 43 Resp: 7261

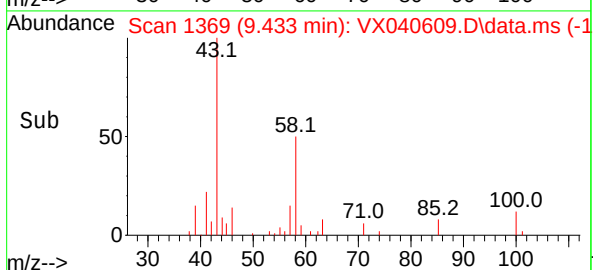
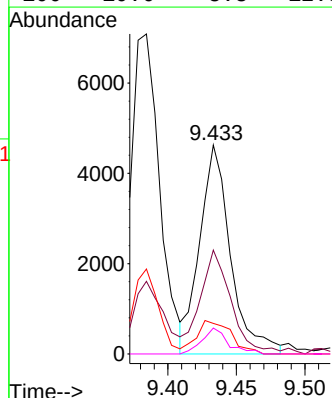
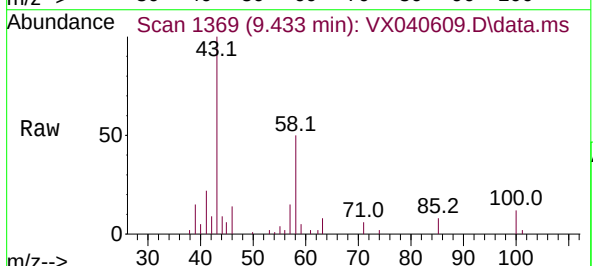
Ion Ratio Lower Upper

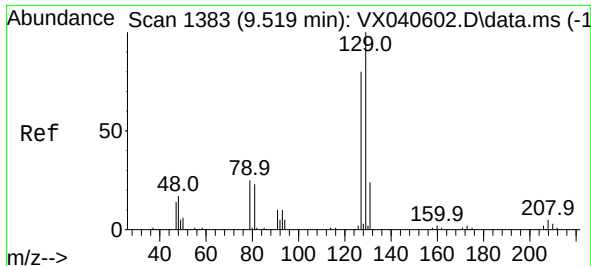
43 100

58 49.6 41.0 61.6

57 17.9 14.8 22.2

100 10.6 8.3 12.5





#49

Dibromochloromethane

Concen: 2.242 ug/L

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX040609.D

Acq: 06 Mar 2024 17:21

Instrument :

MSVOA_X

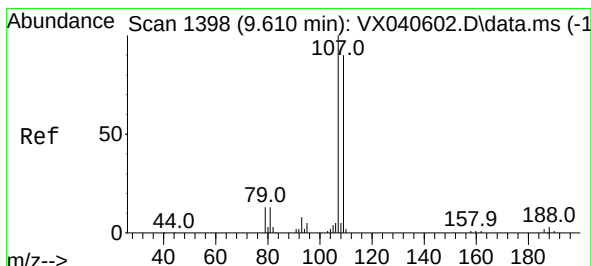
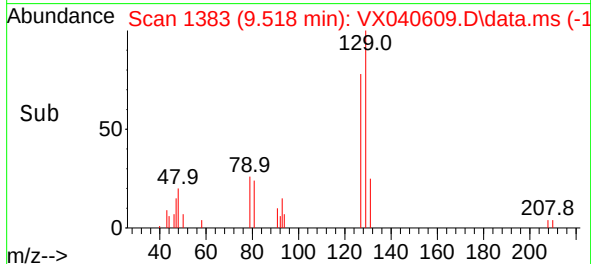
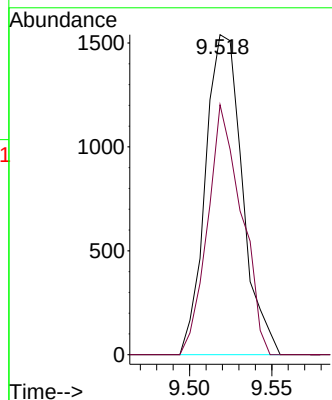
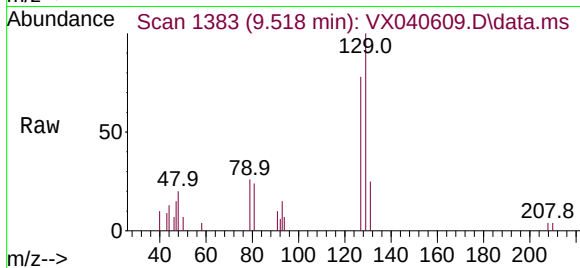
ClientSampleId :

Tgt Ion:129 Resp: 2399

Ion Ratio Lower Upper

129 100

127 78.1 55.8 103.6



#50

1,2-Dibromoethane

Concen: 2.362 ug/L

RT: 9.616 min Scan# 1399

Delta R.T. 0.006 min

Lab File: VX040609.D

Acq: 06 Mar 2024 17:21

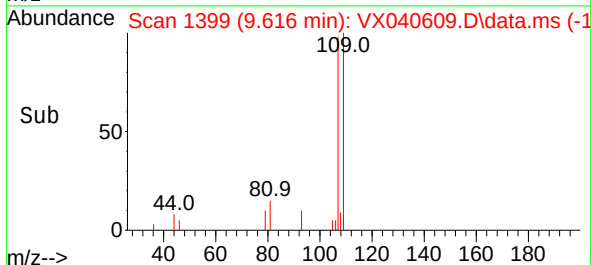
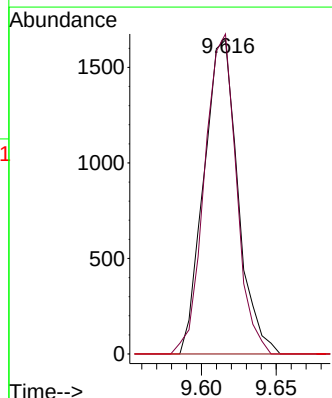
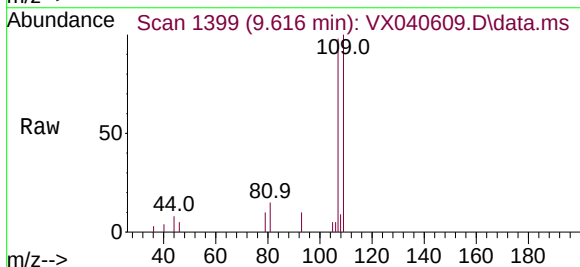
Tgt Ion:107 Resp: 2601

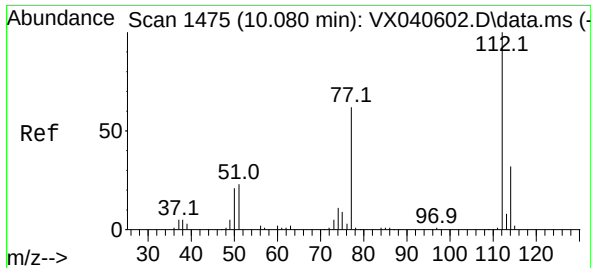
Ion Ratio Lower Upper

107 100

109 101.9 62.9 116.7

188 0.0 2.5 3.7#





#51

Chlorobenzene

Concen: 2.523 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX040609.D

Acq: 06 Mar 2024 17:21

Instrument :

MSVOA_X

ClientSampleId :

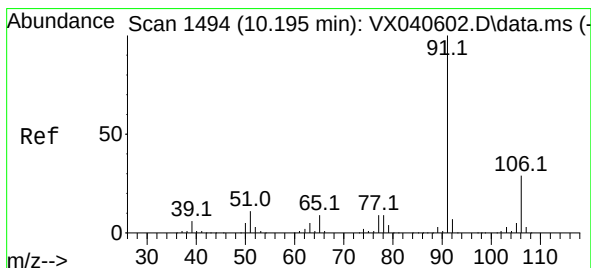
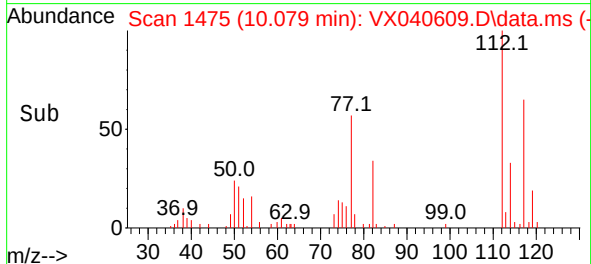
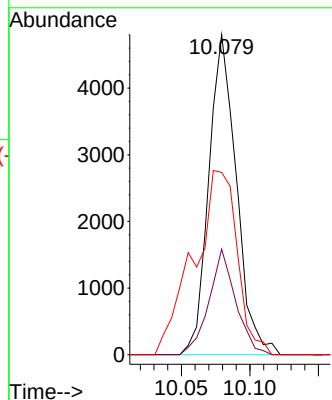
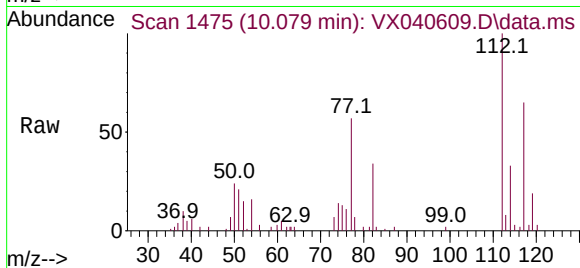
Tgt Ion:112 Resp: 6721

Ion Ratio Lower Upper

112 100

114 33.0 22.4 41.6

77 56.9 50.6 75.8



#52

Ethylbenzene

Concen: 2.371 ug/L

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX040609.D

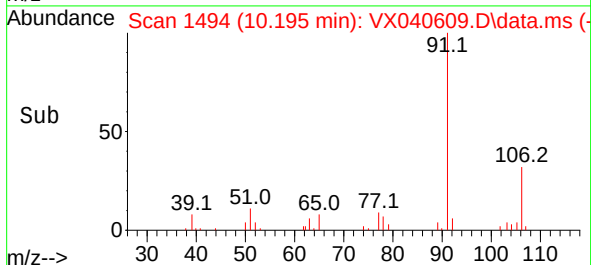
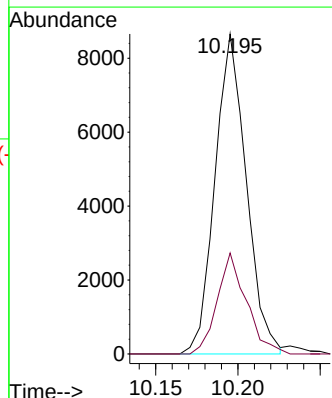
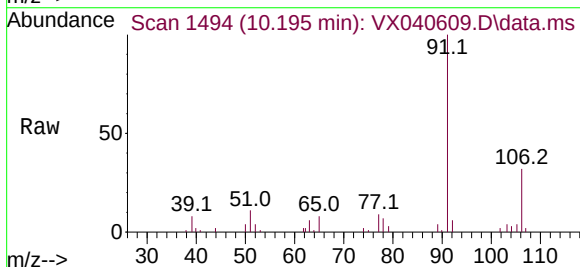
Acq: 06 Mar 2024 17:21

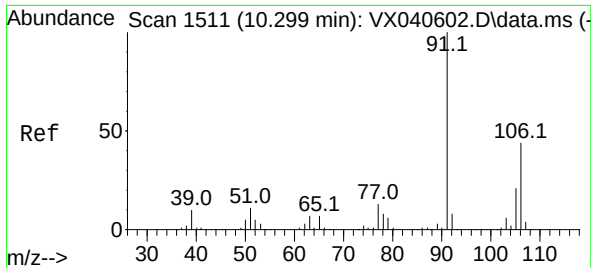
Tgt Ion: 91 Resp: 11453

Ion Ratio Lower Upper

91 100

106 31.6 20.6 38.4

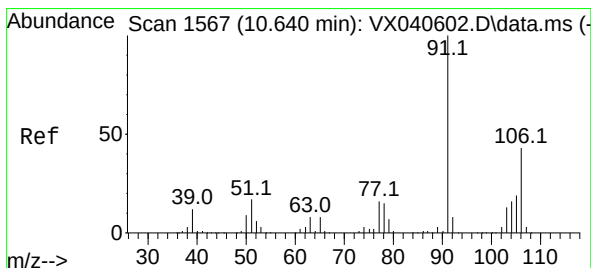
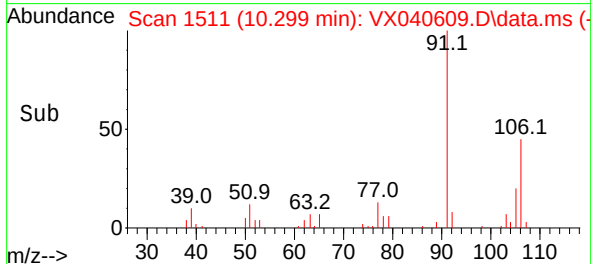
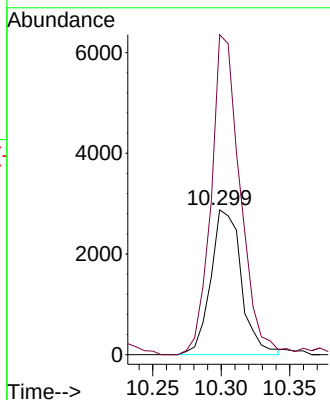
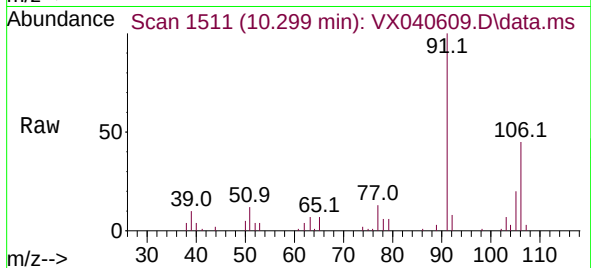




#53
m,p-Xylene
Concen: 2.544 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX040609.D
Acq: 06 Mar 2024 17:21

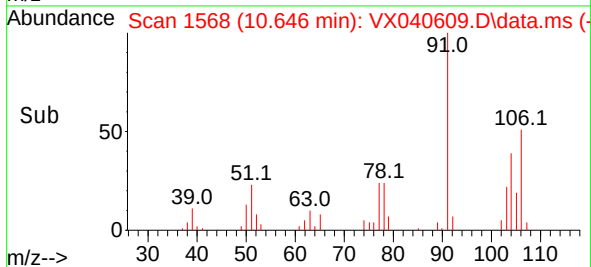
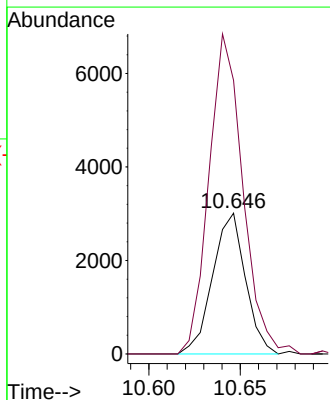
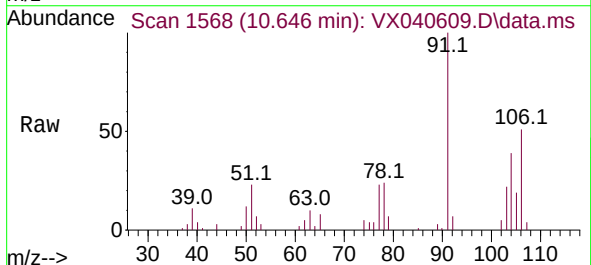
Instrument :
MSVOA_X
ClientSampleId :

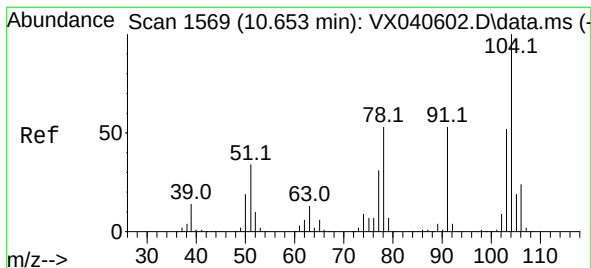
Tgt Ion:106 Resp: 4468
Ion Ratio Lower Upper
106 100
91 220.9 160.4 298.0



#54
o-Xylene
Concen: 2.234 ug/L
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX040609.D
Acq: 06 Mar 2024 17:21

Tgt Ion:106 Resp: 3766
Ion Ratio Lower Upper
106 100
91 194.3 161.7 300.3





#55

Styrene

Concen: 2.194 ug/L

RT: 10.659 min Scan# 1569

Delta R.T. 0.006 min

Lab File: VX040609.D

Acq: 06 Mar 2024 17:21

Instrument :

MSVOA_X

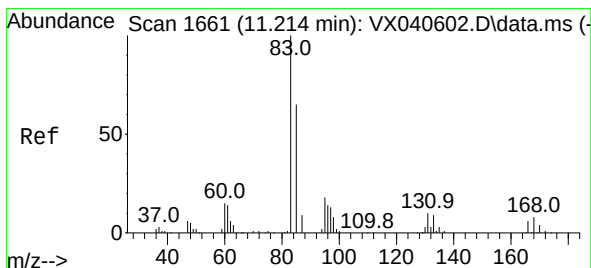
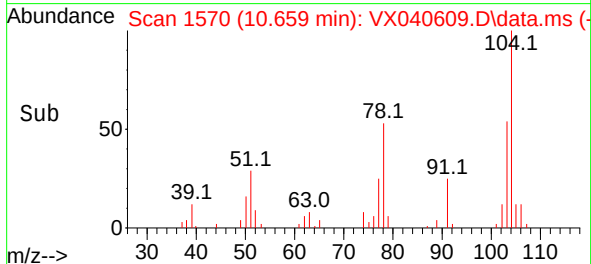
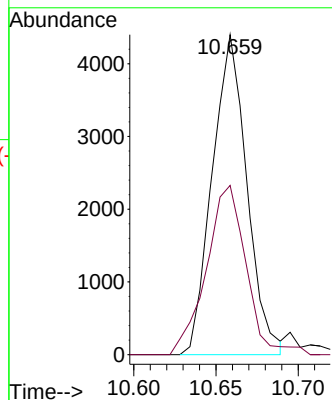
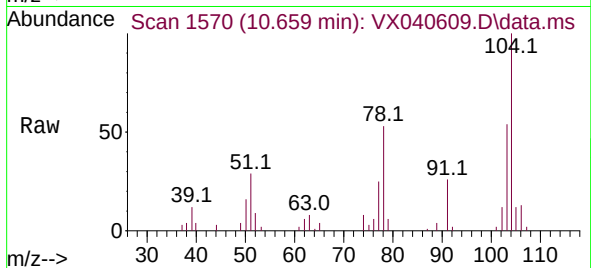
ClientSampleId :

Tgt Ion:104 Resp: 6446

Ion Ratio Lower Upper

104 100

78 52.9 37.2 69.0



#57

1,1,2,2-Tetrachloroethane

Concen: 2.714 ug/L

RT: 11.213 min Scan# 1661

Delta R.T. -0.000 min

Lab File: VX040609.D

Acq: 06 Mar 2024 17:21

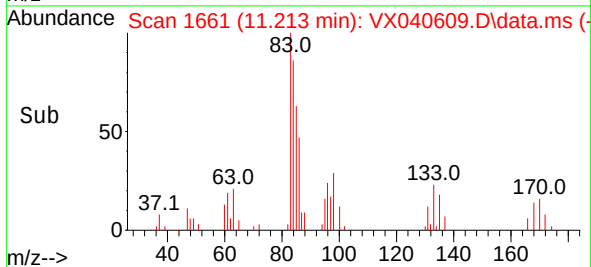
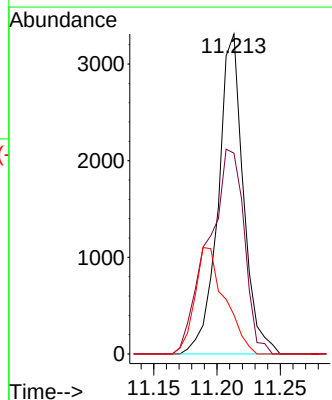
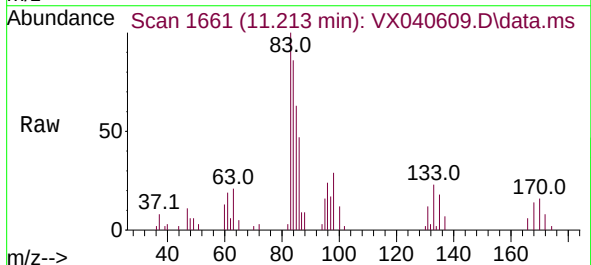
Tgt Ion: 83 Resp: 4582

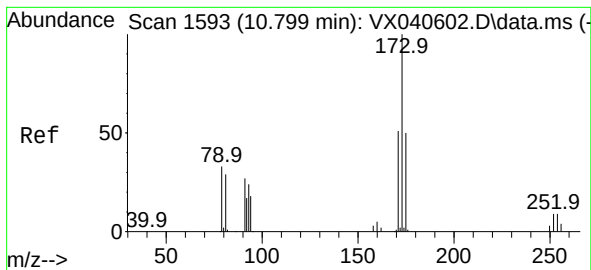
Ion Ratio Lower Upper

83 100

85 62.8 45.2 84.0

131 12.2 8.2 12.2





#59

Bromoform

Concen: 2.012 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

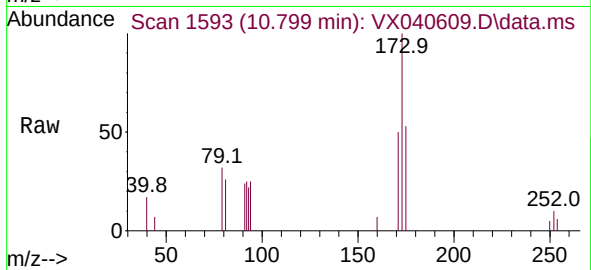
Lab File: VX040609.D

Acq: 06 Mar 2024 17:21

Instrument :

MSVOA_X

ClientSampleId :



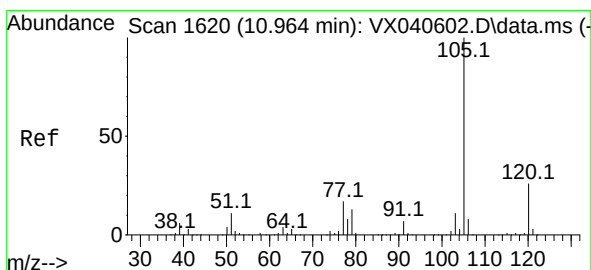
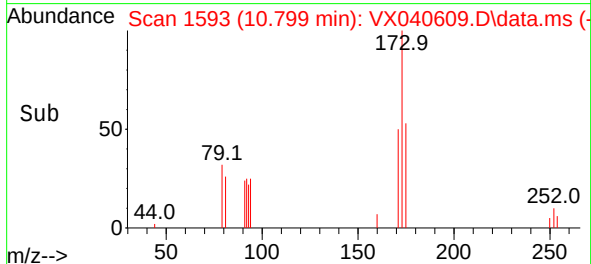
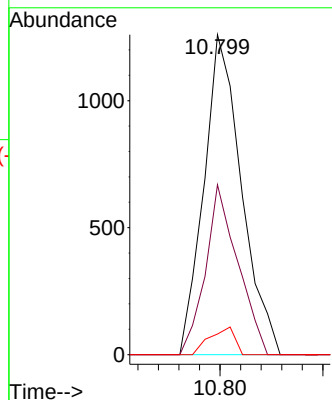
Tgt Ion:173 Resp: 1600

Ion Ratio Lower Upper

173 100

175 45.6 39.4 59.0

254 5.7 7.9 11.9#



#60

Isopropylbenzene

Concen: 2.317 ug/L

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX040609.D

Acq: 06 Mar 2024 17:21

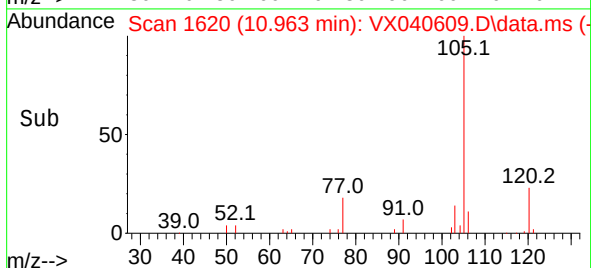
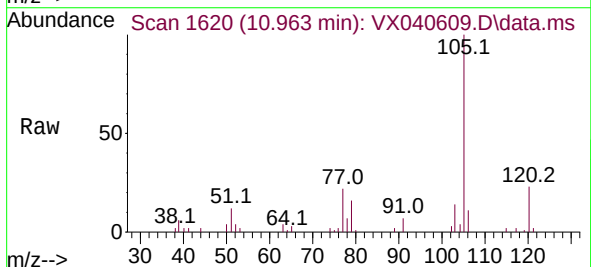
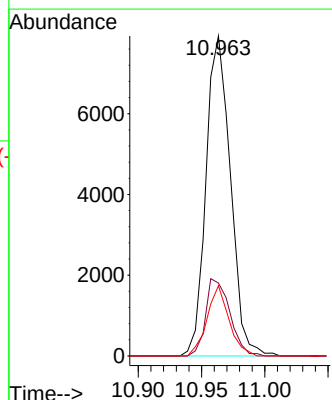
Tgt Ion:105 Resp: 10669

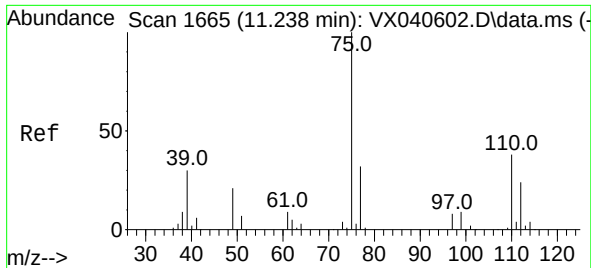
Ion Ratio Lower Upper

105 100

120 23.8 20.1 30.1

77 19.8 13.9 20.9

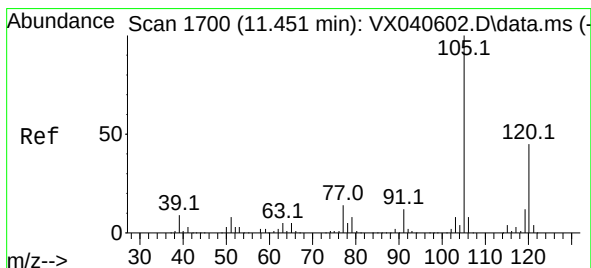
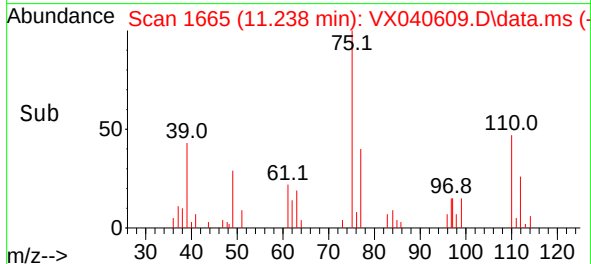
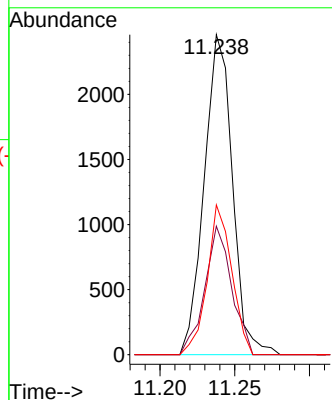
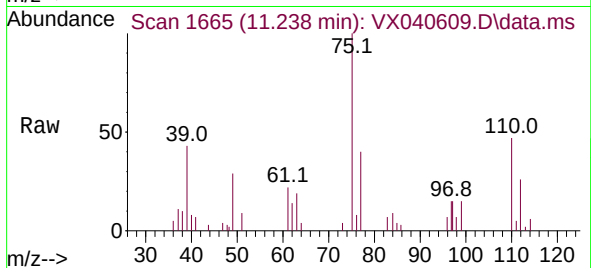




#61
1,2,3-Trichloropropane
Concen: 2.363 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX040609.D
Acq: 06 Mar 2024 17:21

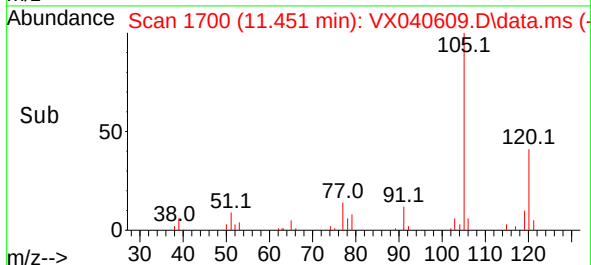
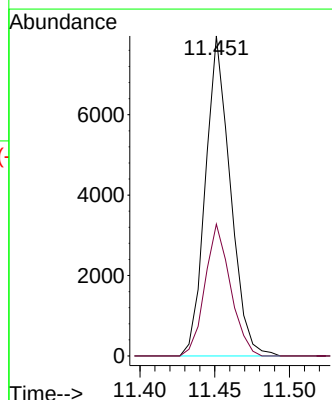
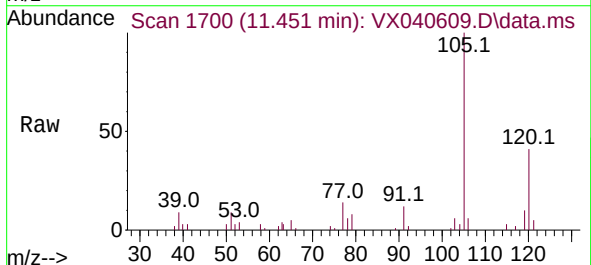
Instrument :
MSVOA_X
ClientSampleId :

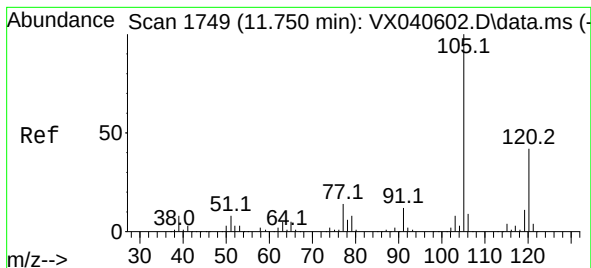
Tgt Ion: 75 Resp: 3229
Ion Ratio Lower Upper
75 100
77 38.2 25.7 38.5
110 40.9 31.0 46.4



#62
1,3,5-Trimethylbenzene
Concen: 2.416 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX040609.D
Acq: 06 Mar 2024 17:21

Tgt Ion: 105 Resp: 9221
Ion Ratio Lower Upper
105 100
120 42.0 36.2 54.2





#63

1,2,4-Trimethylbenzene

Concen: 2.286 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX040609.D

Acq: 06 Mar 2024 17:21

Instrument :

MSVOA_X

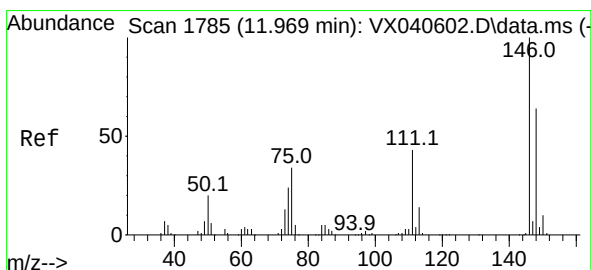
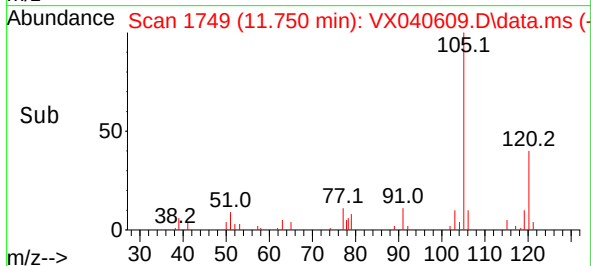
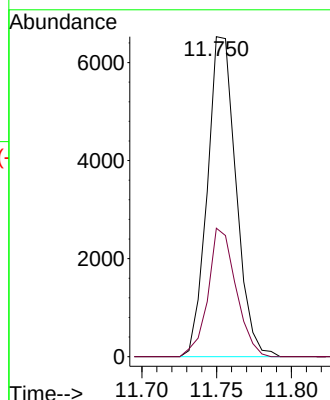
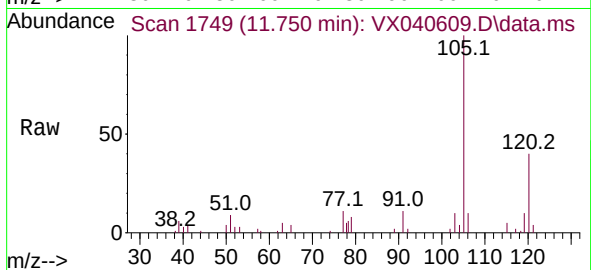
ClientSampleId :

Tgt Ion:105 Resp: 8727

Ion Ratio Lower Upper

105 100

120 39.1 33.9 50.9



#64

1,3-Dichlorobenzene

Concen: 2.353 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX040609.D

Acq: 06 Mar 2024 17:21

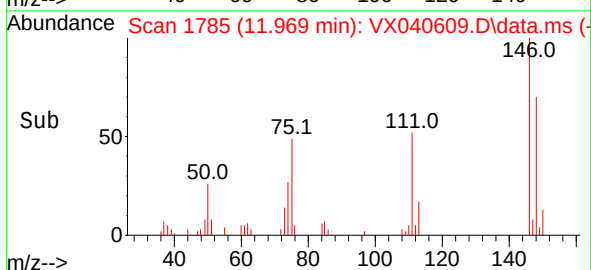
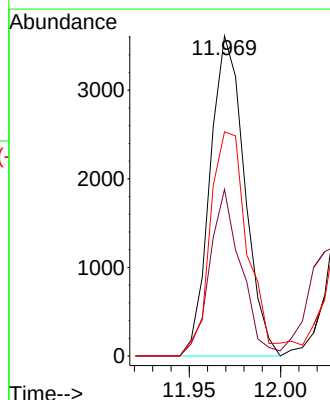
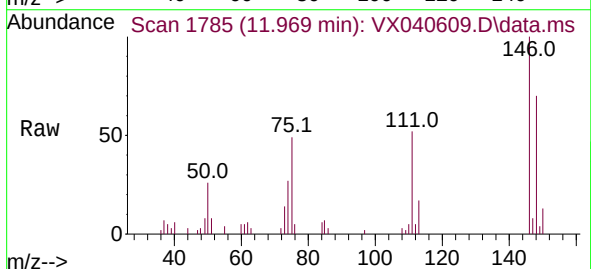
Tgt Ion:146 Resp: 4743

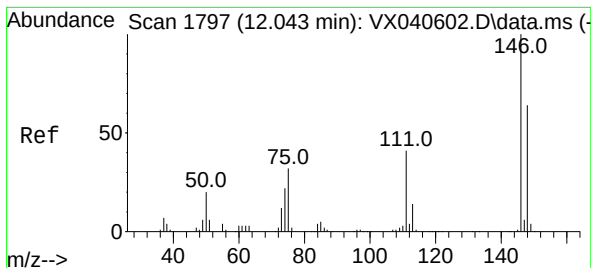
Ion Ratio Lower Upper

146 100

111 52.0 30.0 55.6

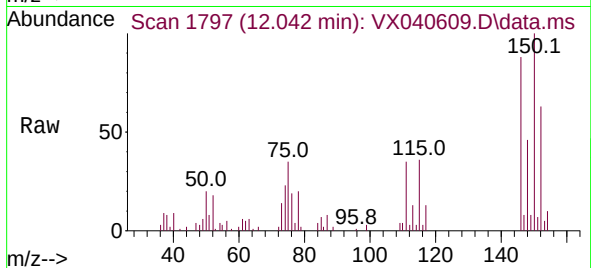
148 70.1 44.8 83.2



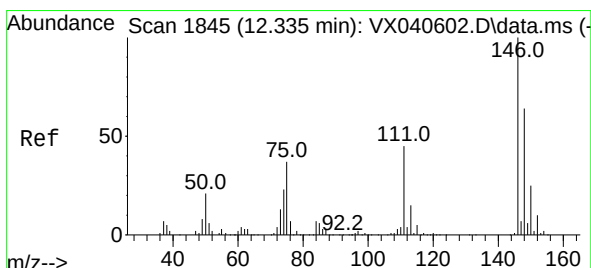
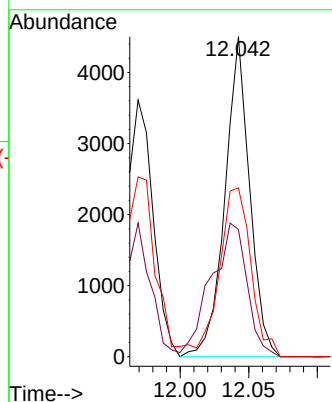
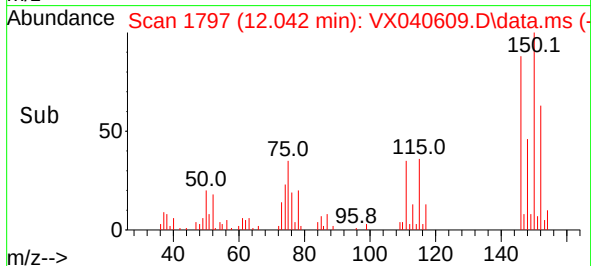


#65
1,4-Dichlorobenzene
Concen: 2.757 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX040609.D
Acq: 06 Mar 2024 17:21

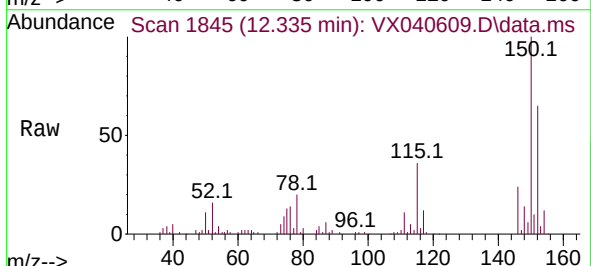
Instrument :
MSVOA_X
ClientSampleId :



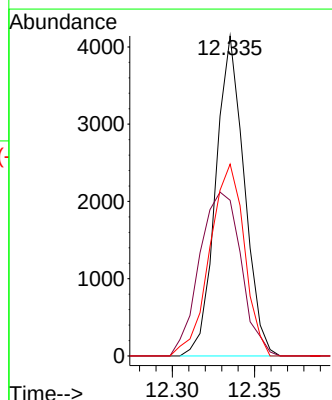
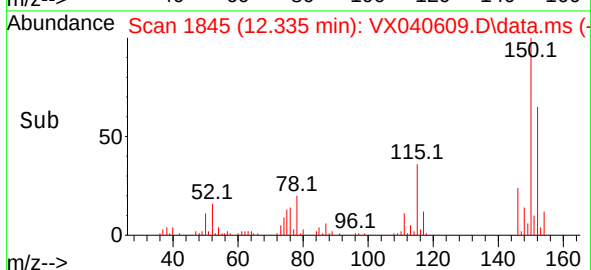
Tgt Ion:146 Resp: 5652
Ion Ratio Lower Upper
146 100
111 39.8 28.8 53.4
148 52.8 45.1 83.7

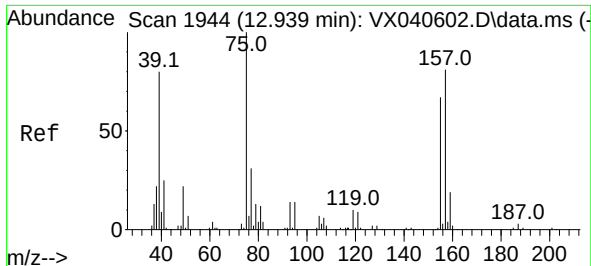


#67
1,2-Dichlorobenzene
Concen: 2.602 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX040609.D
Acq: 06 Mar 2024 17:21



Tgt Ion:146 Resp: 4987
Ion Ratio Lower Upper
146 100
111 48.6 35.8 53.8
148 59.9 51.0 76.4





#68

1,2-Dibromo-3-chloropropane

Concen: 2.507 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. 0.006 min

Lab File: VX040609.D

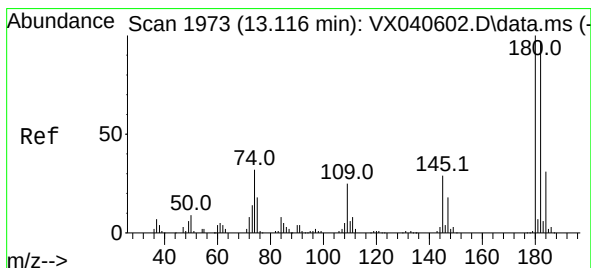
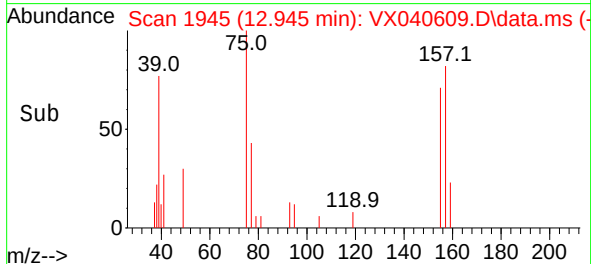
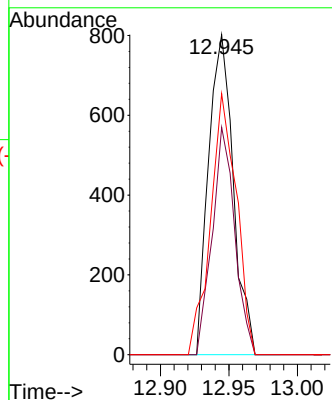
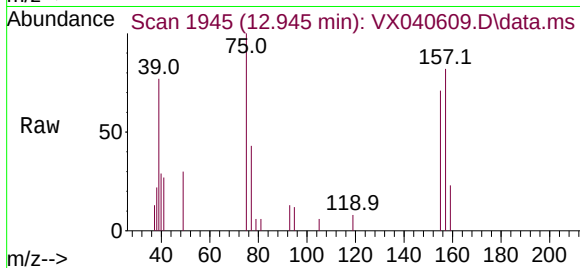
Acq: 06 Mar 2024 17:21

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 75	Resp:	1003
Ion Ratio	Lower	Upper
75	100	
155	71.1	53.9 80.9
157	81.5	64.5 96.7



#69

1,3,5-Trichlorobenzene

Concen: 2.738 ug/L

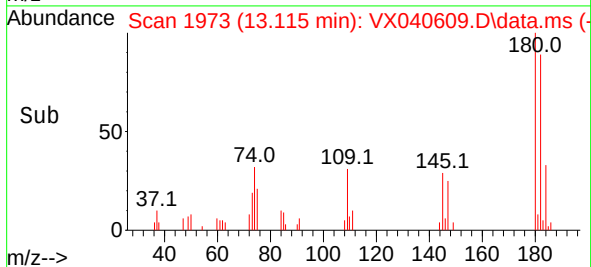
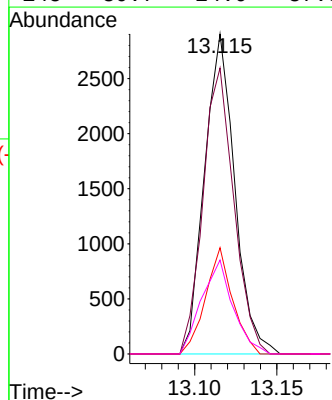
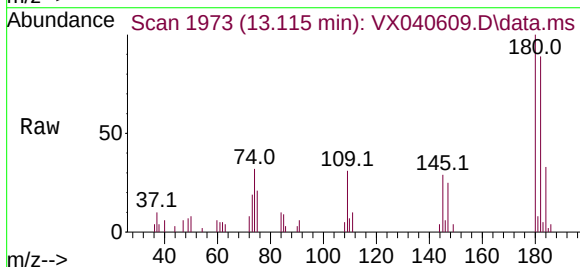
RT: 13.115 min Scan# 1973

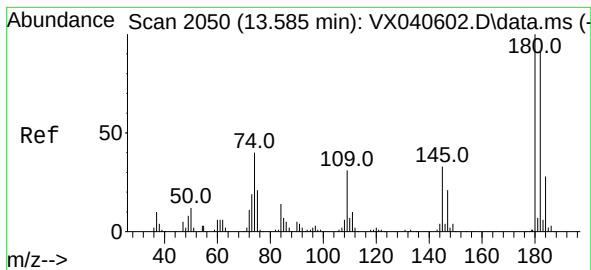
Delta R.T. -0.000 min

Lab File: VX040609.D

Acq: 06 Mar 2024 17:21

Tgt Ion: 180	Resp:	3704
Ion Ratio	Lower	Upper
180	100	
182	91.3	76.6 115.0
184	29.9	24.3 36.5
145	30.7	24.9 37.3





#70

1,2,4-trichlorobenzene

Concen: 2.558 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX040609.D

Acq: 06 Mar 2024 17:21

Instrument :

MSVOA_X

ClientSampleId :

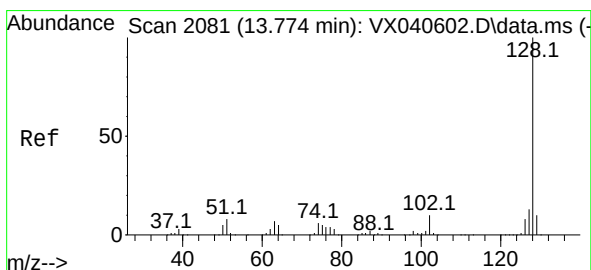
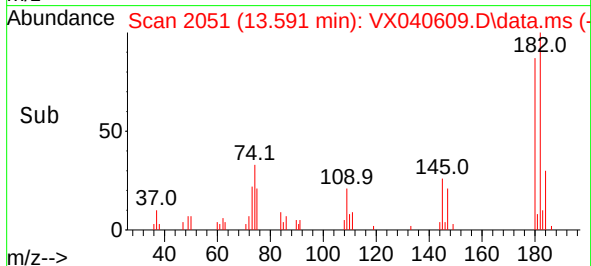
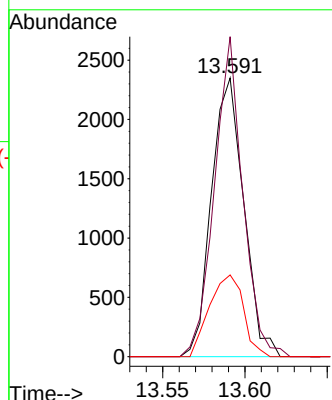
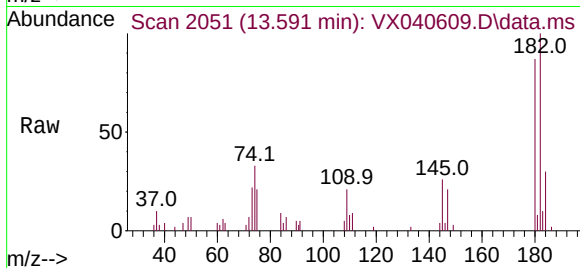
Tgt Ion:180 Resp: 3210

Ion Ratio Lower Upper

180 100

182 100.8 75.1 112.7

145 30.8 26.2 39.4



#71

Naphthalene

Concen: 2.124 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX040609.D

Acq: 06 Mar 2024 17:21

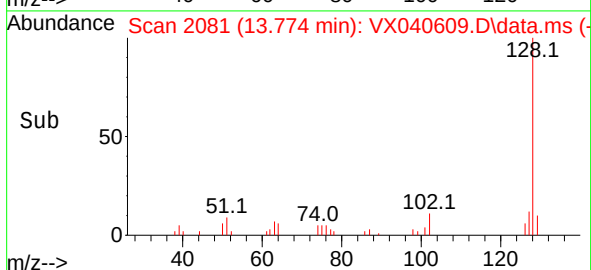
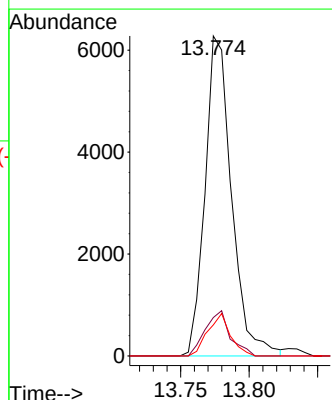
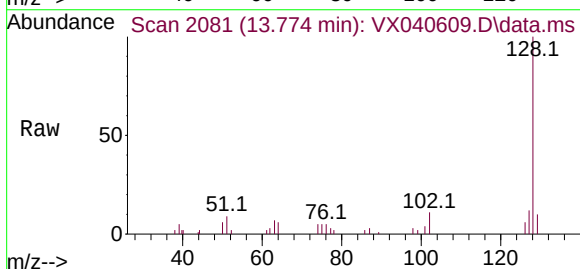
Tgt Ion:128 Resp: 8472

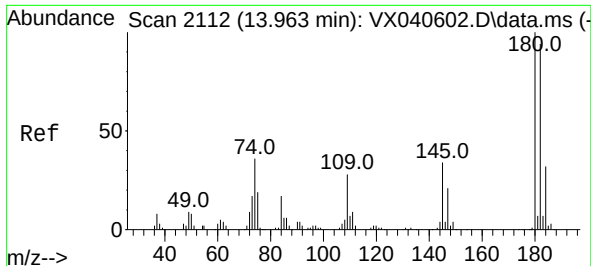
Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 11.3 8.8 13.2





#72

1,2,3-Trichlorobenzene

Concen: 2.388 ug/L

RT: 13.963 min Scan# 21

Delta R.T. -0.000 min

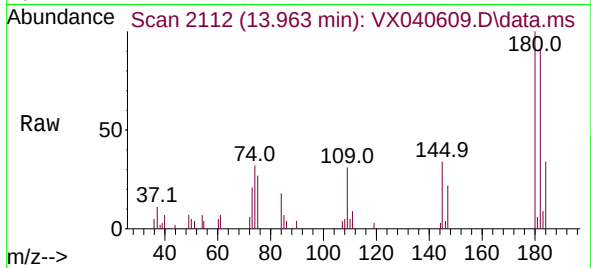
Lab File: VX040609.D

Acq: 06 Mar 2024 17:21

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 2952

Ion Ratio Lower Upper

180 100

182 91.2 76.9 115.3

145 34.2 27.8 41.8

