

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092424\
 Data File : VX043123.D
 Acq On : 24 Sep 2024 15:26
 Operator : JC/MD
 Sample : P4144-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 25 01:29:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 24 03:13:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	93188	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	178686	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	169620	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	84460	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	83067	53.664	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.320%	
35) Dibromofluoromethane	5.385	113	63618	50.470	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.940%	
50) Toluene-d8	8.647	98	224106	52.551	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.100%	
62) 4-Bromofluorobenzene	11.079	95	87685	51.057	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 102.120%	

Target Compounds					Qvalue	
3) Chloromethane	1.270	50	948	0.934	ug/l #	43
6) Chloroethane	1.672	64	151	0.229	ug/l #	42
8) Diethyl Ether	2.044	74	1705	2.776	ug/l	77
11) Tert butyl alcohol	2.959	59	25538	73.893	ug/l	100
13) Acrolein	2.246	56	973	21.369	ug/l #	15
14) Allyl chloride	2.642	41	777	0.424	ug/l #	44
15) Acrylonitrile	3.081	53	403	0.672	ug/l #	71
16) Acetone	2.380	43	311521	430.341	ug/l	100
17) Carbon Disulfide	2.520	76	2246	0.915	ug/l #	86
18) Methyl Acetate	2.703	43	14856	7.625	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	1811	0.481	ug/l #	28
20) Methylene Chloride	2.794	84	63070	54.763	ug/l	97
22) Diisopropyl ether	3.764	45	1268	0.369	ug/l #	68
23) Vinyl Acetate	3.770	43	1230	0.304	ug/l #	72
25) 2-Butanone	4.568	43	20590	22.065	ug/l	93
29) Tetrahydrofuran	5.026	42	1466	2.612	ug/l #	67
31) Cyclohexane	5.471	56	13577	8.919	ug/l	94
36) 1,1-Dichloropropene	5.550	75	7916	5.111	ug/l #	50
37) Ethyl Acetate	4.733	43	2725	1.401	ug/l #	88
38) Carbon Tetrachloride	5.550	117	10407	5.216	ug/l #	15
39) Methylcyclohexane	7.379	83	6774	3.485	ug/l	96
40) Benzene	6.038	78	4208357	920.797	ug/l	100
42) 1,2-Dichloroethane	6.038	62	42284	21.789	ug/l #	77
43) Isopropyl Acetate	6.342	43	89222	27.457	ug/l	99
48) Methyl methacrylate	7.799	41	74306	46.555	ug/l #	44
49) 1,4-Dioxane	7.665	88	112	3.717	ug/l #	25
51) 4-Methyl-2-Pentanone	8.549	43	75244	37.692	ug/l #	37
52) Toluene	8.720	92	1868439	634.806	ug/l	99
53) t-1,3-Dichloropropene	8.720	75	23990	11.724	ug/l #	1
54) cis-1,3-Dichloropropene	8.549	75	26200	12.821	ug/l #	61
55) 1,1,2-Trichloroethane	9.013	97	8285	6.837	ug/l #	20
57) 1,3-Dichloropropane	9.482	76	2953	1.433	ug/l #	42
58) 2-Chloroethyl Vinyl ether	8.415	63	323	0.379	ug/l #	45
59) 2-Hexanone	9.482	43	40581	25.998	ug/l #	52
67) Ethyl Benzene	10.195	91	297451	46.994	ug/l	96
68) m/p-Xylenes	10.299	106	885411	375.888	ug/l	99

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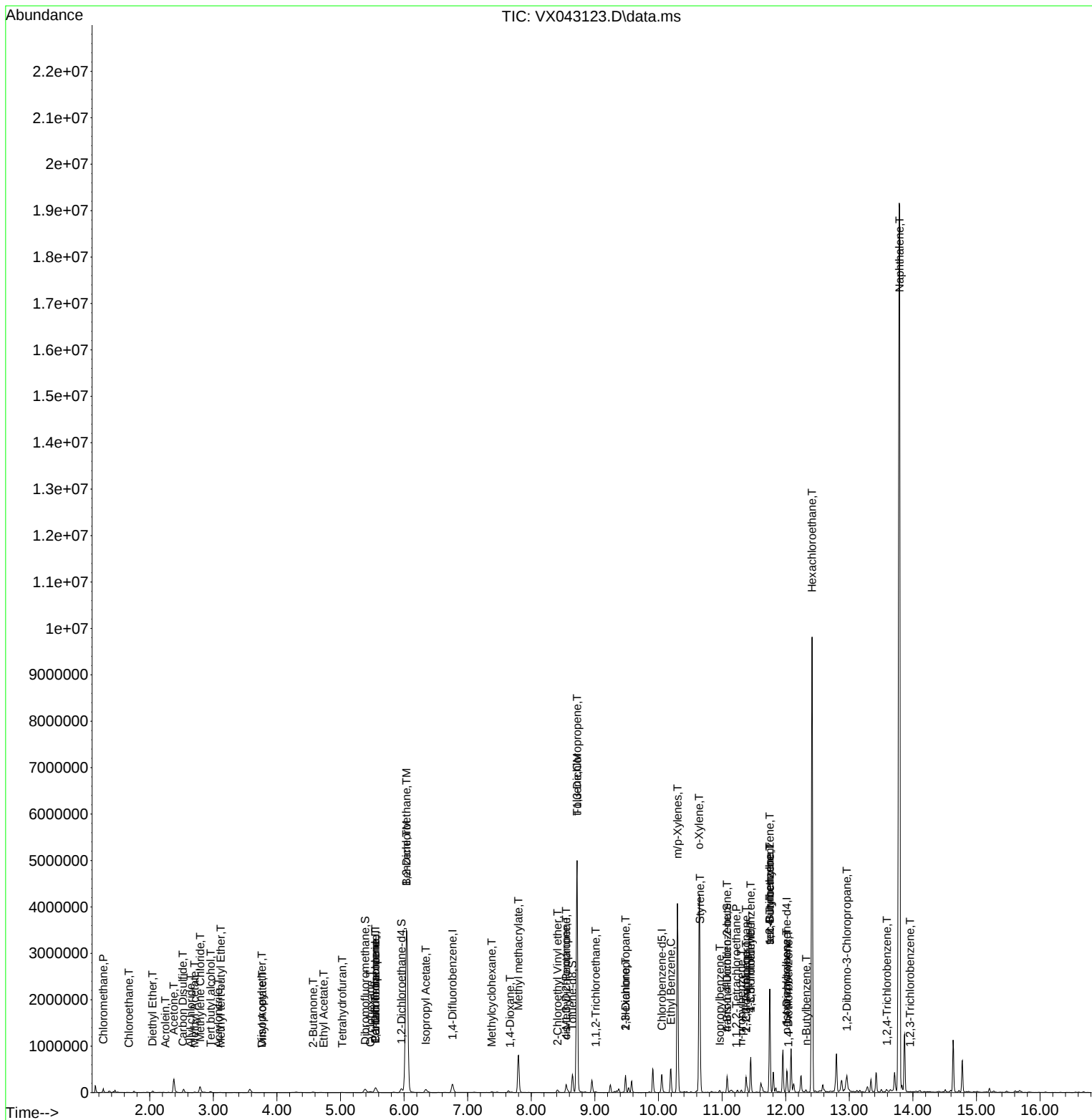
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 24 03:13:52 2024
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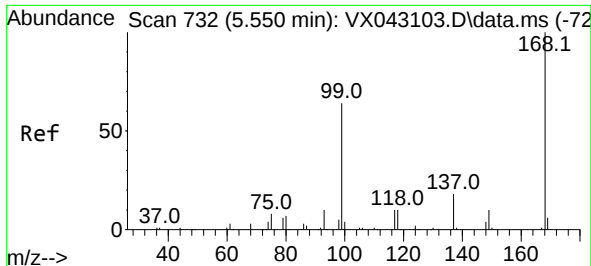
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

69) o-Xylene	10.640	106	831230	351.832	ug/l	98
70) Styrene	10.653	104	412621	104.702	ug/l #	75
73) Isopropylbenzene	10.963	105	18845	2.975	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.226	83	593	0.291	ug/l #	70
76) 1,2,3-Trichloropropane	11.378	75	2105	1.172	ug/l #	1
78) n-propylbenzene	11.305	91	29159	4.058	ug/l	100
79) 2-Chlorotoluene	11.378	91	25764	5.716	ug/l #	43
80) 1,3,5-Trimethylbenzene	11.451	105	314556	60.022	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.079	75	49336	65.461	ug/l #	7
82) 4-Chlorotoluene	11.451	91	37045	7.190	ug/l #	47
83) tert-Butylbenzene	11.750	119	78441	14.526	ug/l #	54
84) 1,2,4-Trimethylbenzene	11.750	105	813526	156.031	ug/l	88
85) sec-Butylbenzene	11.750	105	813526	122.572	ug/l #	57
86) p-Isopropyltoluene	12.012	119	3802	0.690	ug/l #	48
88) 1,4-Dichlorobenzene	12.043	146	728	0.262	ug/l #	51
89) n-Butylbenzene	12.323	91	6942	1.446	ug/l #	20
90) Hexachloroethane	12.414	117	390889	355.957	ug/l #	17
92) 1,2-Dibromo-3-Chloropr...	12.963	75	6849	12.429	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	651	0.385	ug/l #	77
95) Naphthalene	13.792	128	13997746	2378.914	ug/l #	92
96) 1,2,3-Trichlorobenzene	13.957	180	491	0.292	ug/l #	69

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

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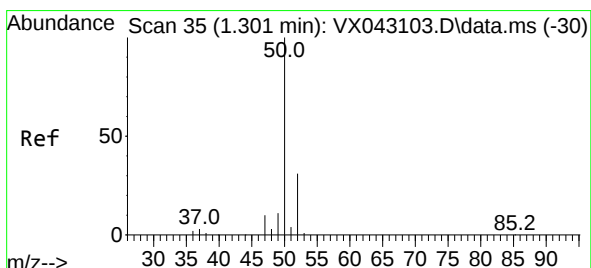
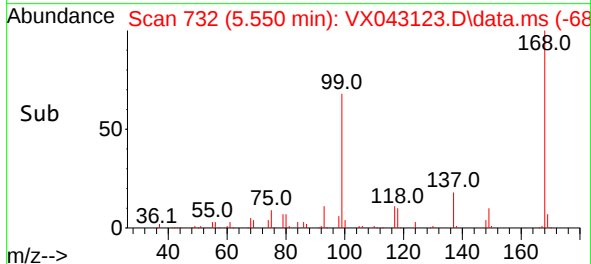
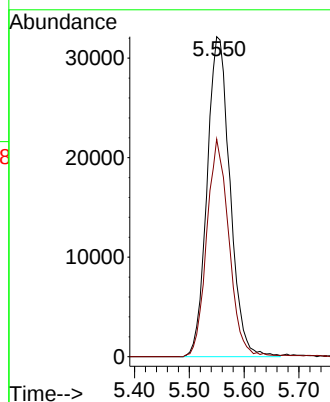
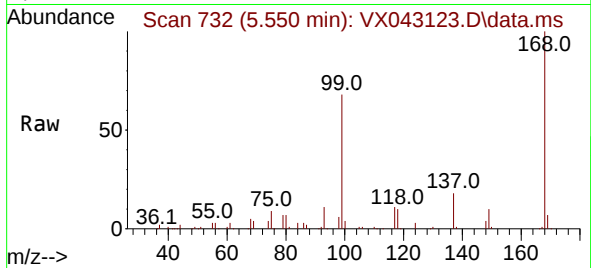




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043123.D
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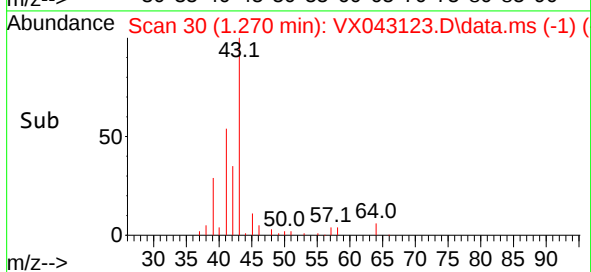
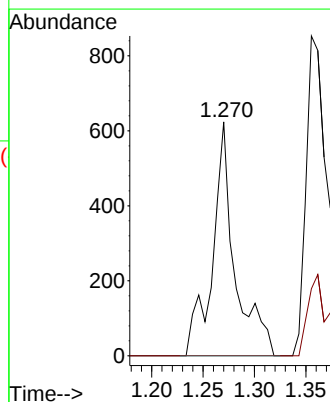
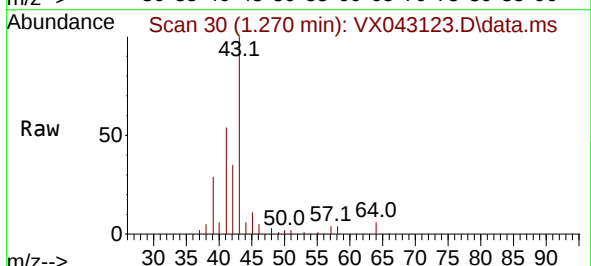
Instrument :
MSVOA_X
ClientSampleId :

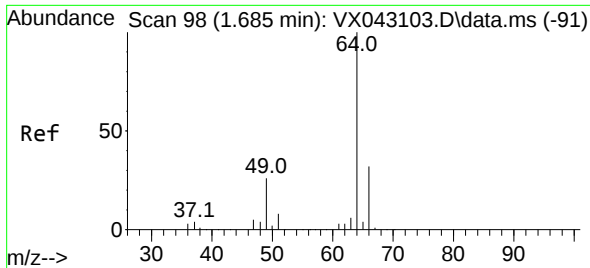
Tgt Ion:168 Resp: 93188
Ion Ratio Lower Upper
168 100
99 68.0 50.8 76.2



#3
Chloromethane
Concen: 0.934 ug/l
RT: 1.270 min Scan# 30
Delta R.T. -0.031 min
Lab File: VX043123.D
Acq: 24 Sep 2024 15:26

Tgt Ion: 50 Resp: 948
Ion Ratio Lower Upper
50 100
52 0.0 25.1 37.7#

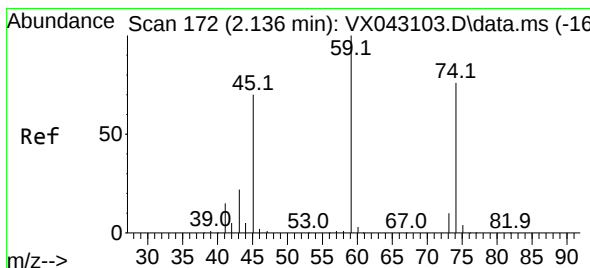
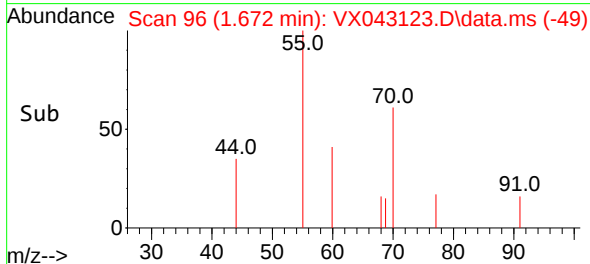
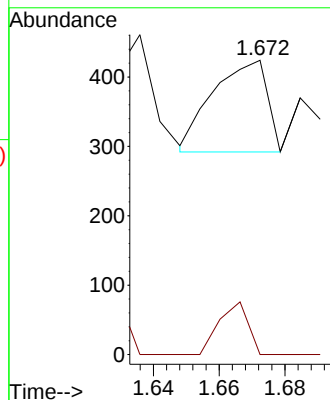
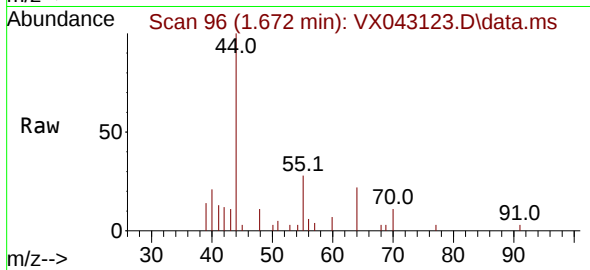




#6
Chloroethane
Concen: 0.229 ug/l
RT: 1.672 min Scan# 90
Delta R.T. -0.012 min
Lab File: VX043123.D
Acq: 24 Sep 2024 15:26

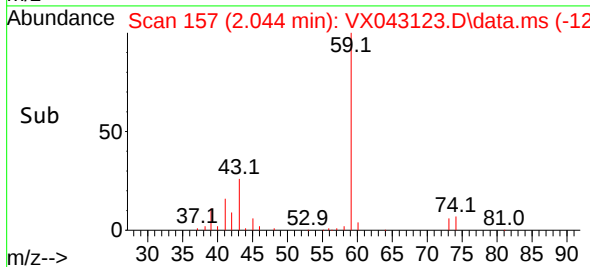
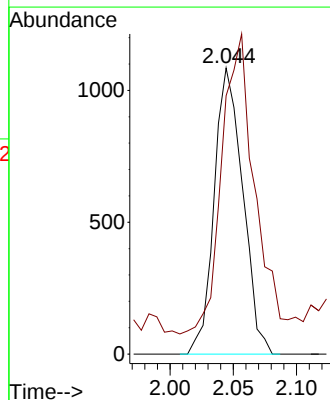
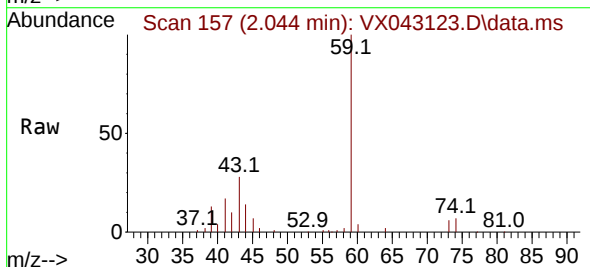
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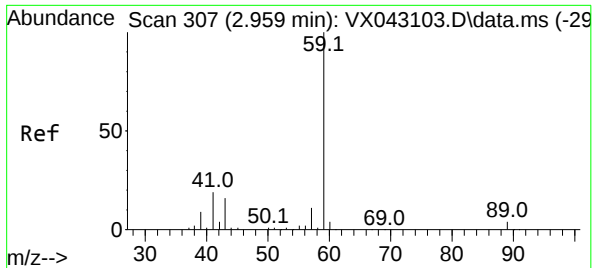
Tgt Ion: 64 Resp: 151
Ion Ratio Lower Upper
64 100
66 0.0 25.8 38.6#



#8
Diethyl Ether
Concen: 2.776 ug/l
RT: 2.044 min Scan# 157
Delta R.T. -0.092 min
Lab File: VX043123.D
Acq: 24 Sep 2024 15:26

Tgt Ion: 74 Resp: 1705
Ion Ratio Lower Upper
74 100
45 119.5 48.6 145.8

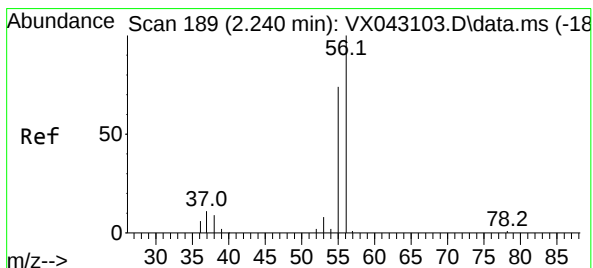
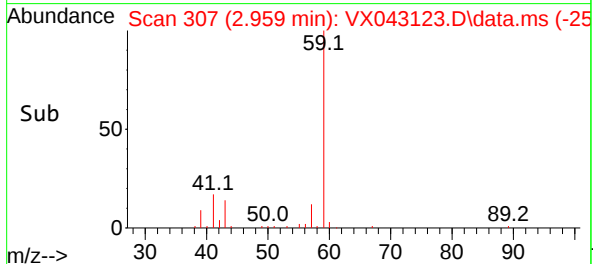
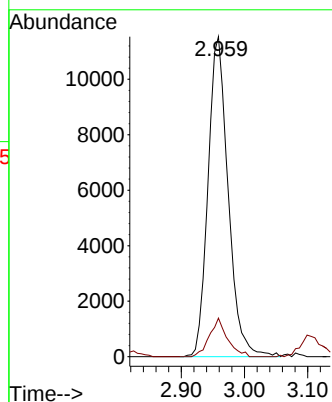
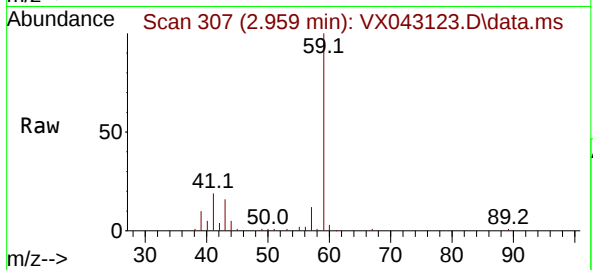




#11
Tert butyl alcohol
Concen: 73.893 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.000 min
Lab File: VX043123.D
Acq: 24 Sep 2024 15:26

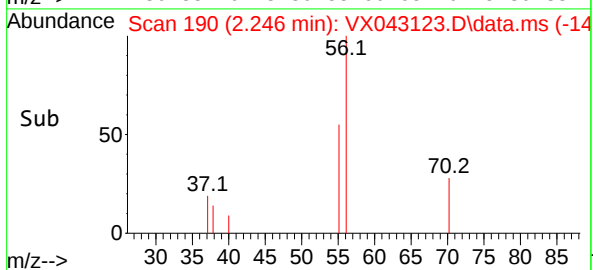
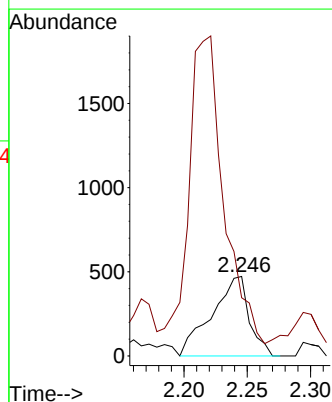
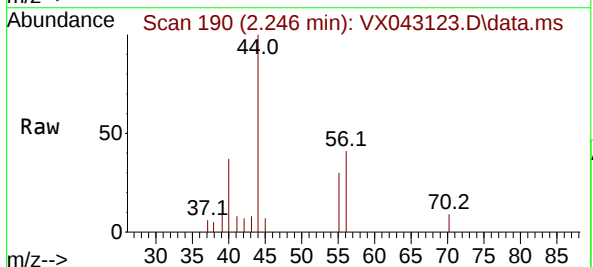
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MSVOA_X
ClientSampleId :

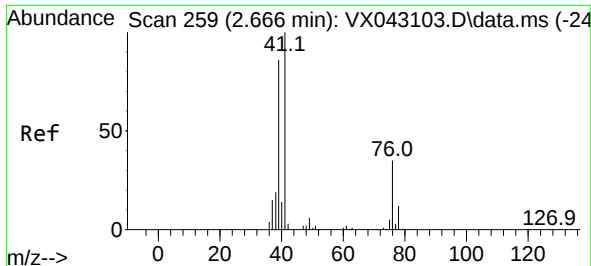
Tgt Ion: 59 Resp: 25538
Ion Ratio Lower Upper
59 100
57 10.7 8.6 13.0



#13
Acrolein
Concen: 21.369 ug/l
RT: 2.246 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX043123.D
Acq: 24 Sep 2024 15:26

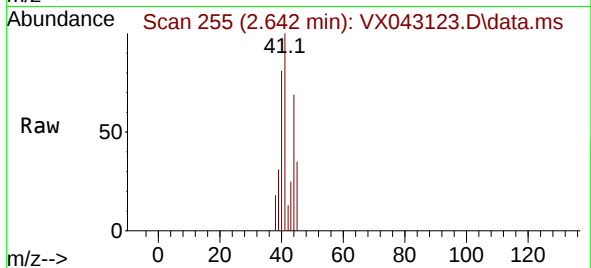
Tgt Ion: 56 Resp: 973
Ion Ratio Lower Upper
56 100
55 0.0 55.8 83.6#



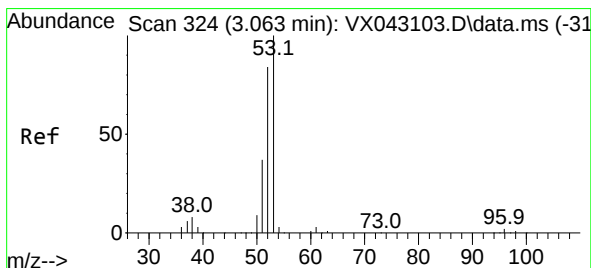
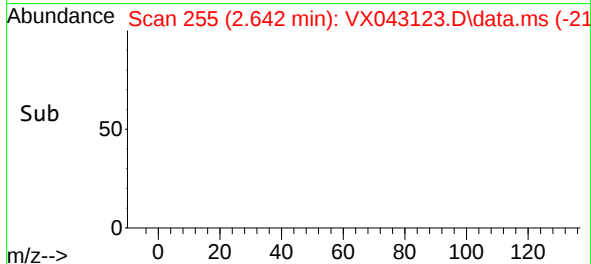
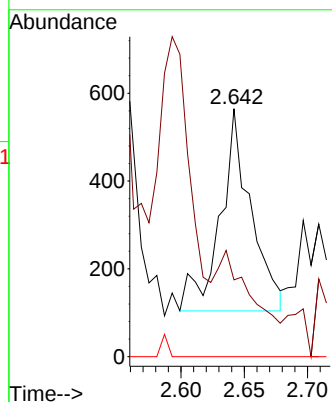


#14
 Allyl chloride
 Concen: 0.424 ug/l
 RT: 2.642 min Scan# 21
 Delta R.T. -0.025 min
 Lab File: VX043123.D
 Acq: 24 Sep 2024 15:26

Instrument :
 MSVOA_X
 ClientSampleId :

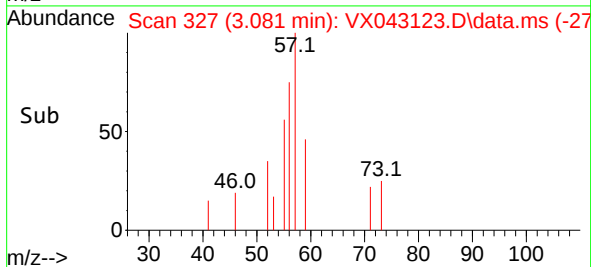
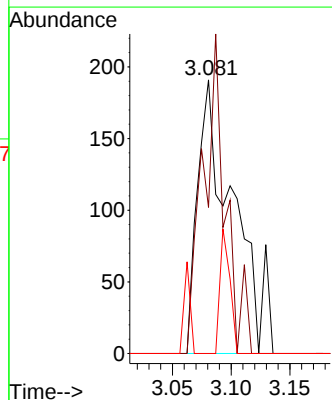
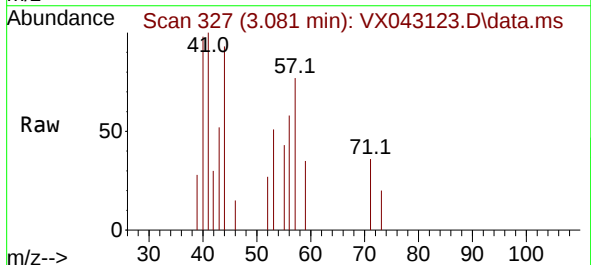


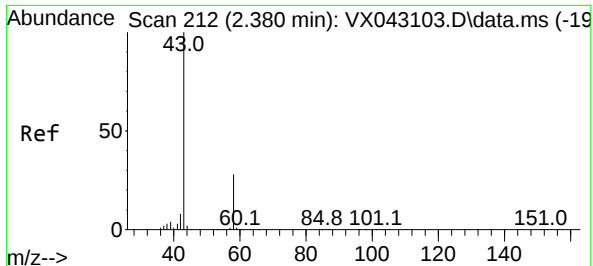
Tgt Ion: 41 Resp: 777
 Ion Ratio Lower Upper
 41 100
 39 30.8 61.7 92.5#
 76 0.0 29.0 43.6#



#15
 Acrylonitrile
 Concen: 0.672 ug/l
 RT: 3.081 min Scan# 327
 Delta R.T. 0.018 min
 Lab File: VX043123.D
 Acq: 24 Sep 2024 15:26

Tgt Ion: 53 Resp: 403
 Ion Ratio Lower Upper
 53 100
 52 73.0 67.8 101.6
 51 0.0 30.6 45.8#

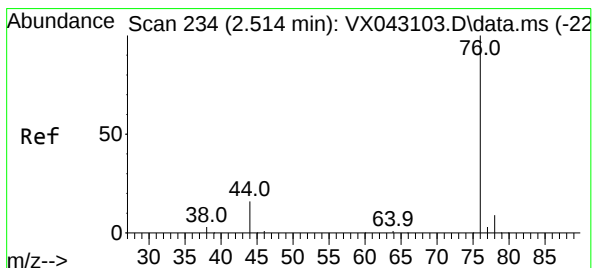
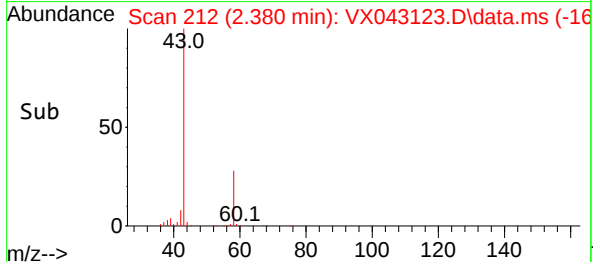
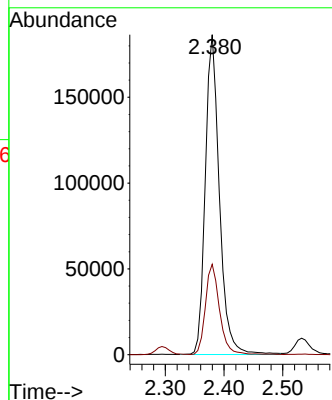
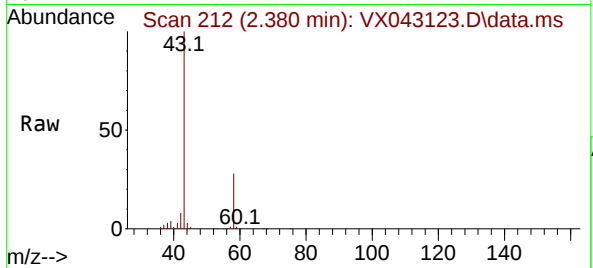




#16
Acetone
Concen: 430.341 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX043123.D
Acq: 24 Sep 2024 15:26

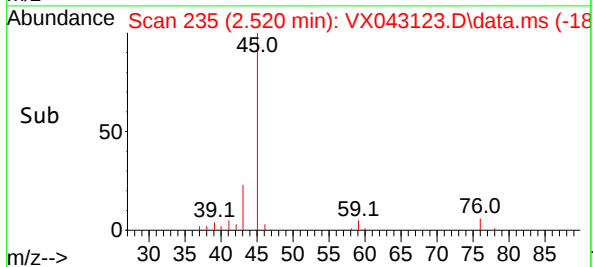
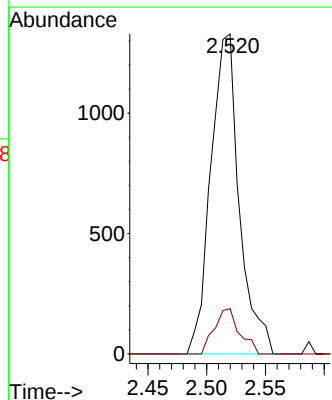
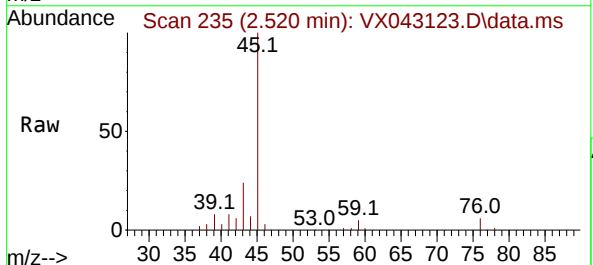
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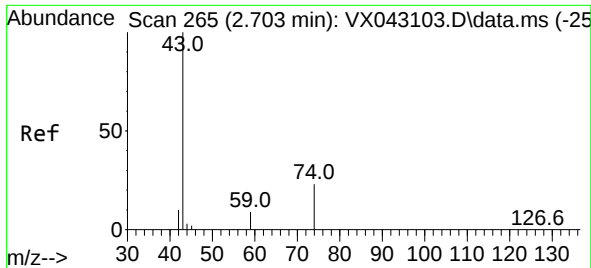
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Ion Ratio Lower Upper
43 100
58 28.1 22.6 34.0



#17
Carbon Disulfide
Concen: 0.915 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX043123.D
Acq: 24 Sep 2024 15:26

Tgt Ion: 76 Resp: 2246
Ion Ratio Lower Upper
76 100
78 14.1 7.2 10.8#

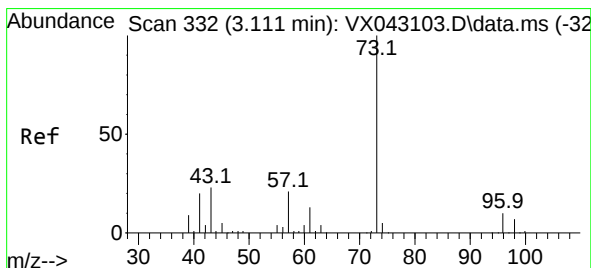
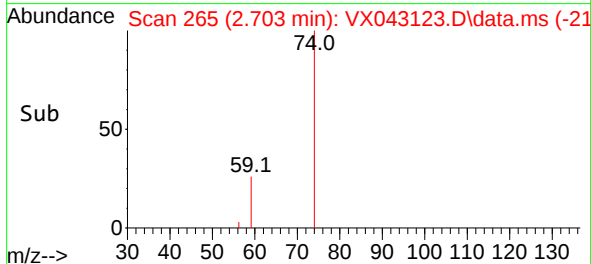
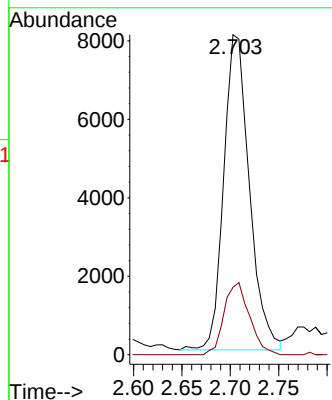
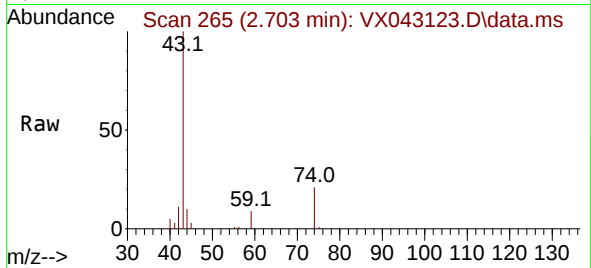




#18
Methyl Acetate
Concen: 7.625 ug/l
RT: 2.703 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX043123.D
Acq: 24 Sep 2024 15:26

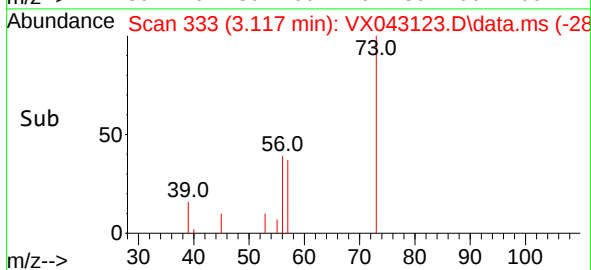
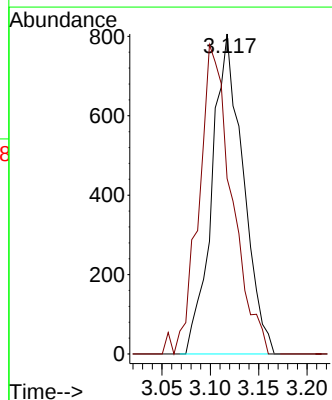
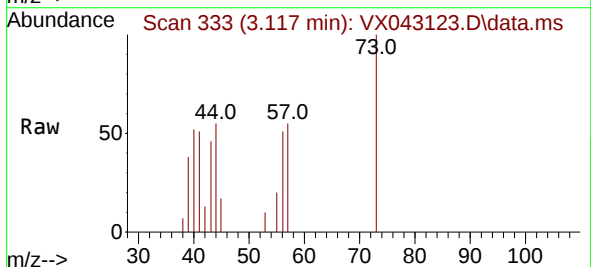
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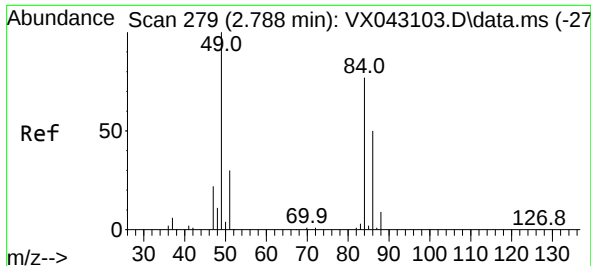
Tgt Ion: 43 Resp: 14856
Ion Ratio Lower Upper
43 100
74 22.5 19.2 28.8



#19
Methyl tert-butyl Ether
Concen: 0.481 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX043123.D
Acq: 24 Sep 2024 15:26

Tgt Ion: 73 Resp: 1811
Ion Ratio Lower Upper
73 100
57 54.8 17.0 25.4#





#20

Methylene Chloride

Concen: 54.763 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

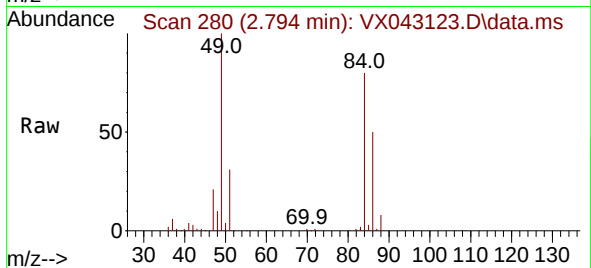
Lab File: VX043123.D

Acq: 24 Sep 2024 15:26

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 63070

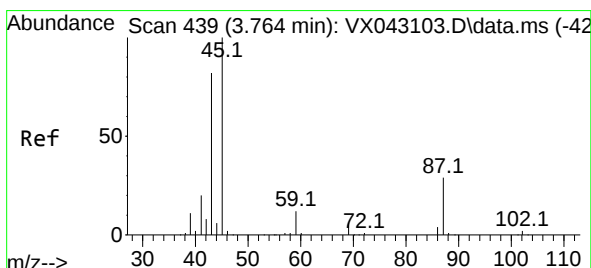
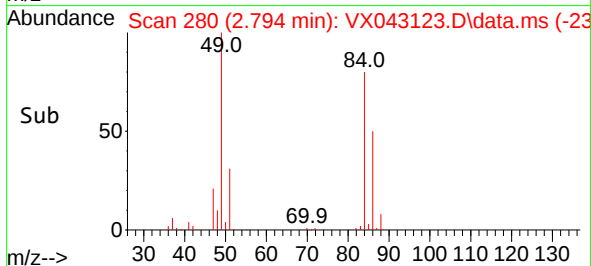
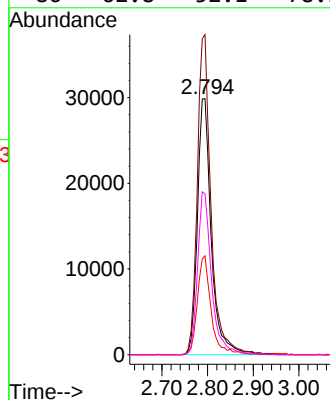
Ion Ratio Lower Upper

84 100

49 125.0 104.1 156.1

51 38.6 31.1 46.7

86 62.8 52.1 78.1



#22

Diisopropyl ether

Concen: 0.369 ug/l

RT: 3.764 min Scan# 439

Delta R.T. -0.000 min

Lab File: VX043123.D

Acq: 24 Sep 2024 15:26

Tgt Ion: 45 Resp: 1268

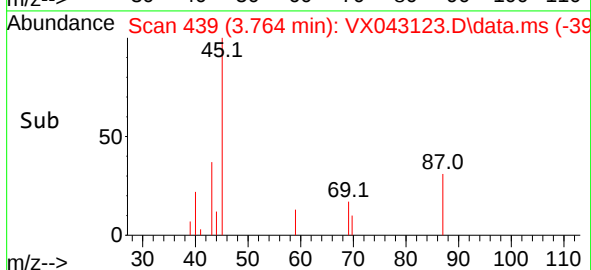
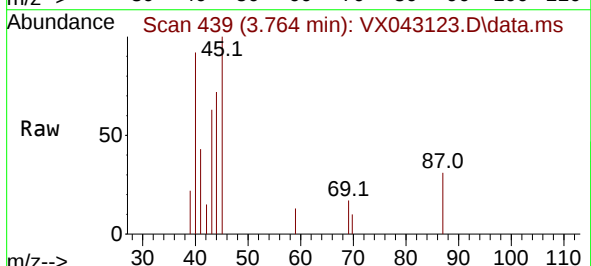
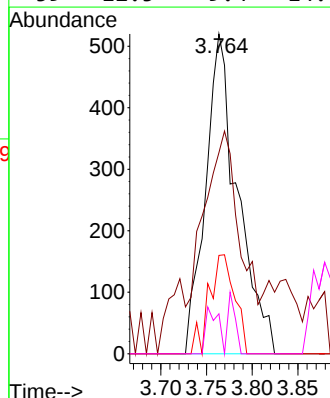
Ion Ratio Lower Upper

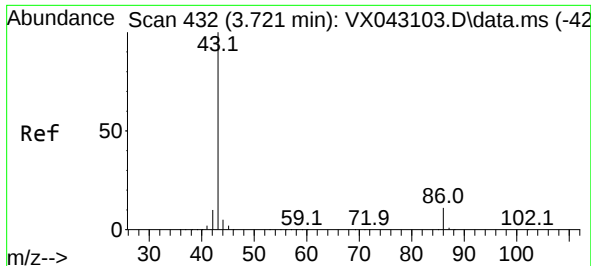
45 100

43 40.2 65.8 98.6#

87 30.8 23.1 34.7

59 12.5 9.4 14.0

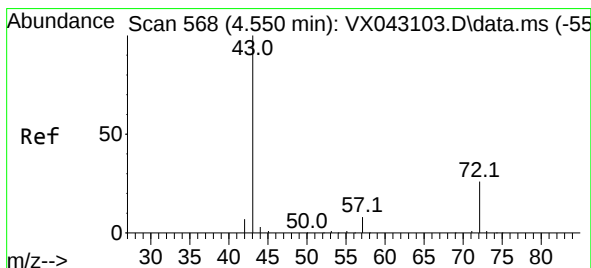
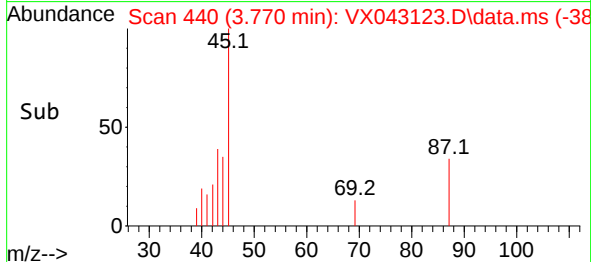
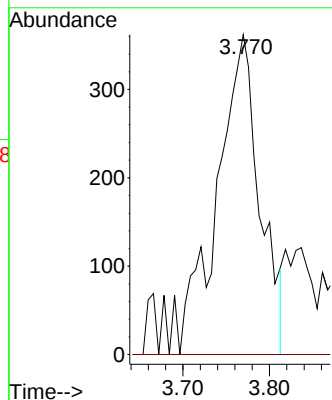
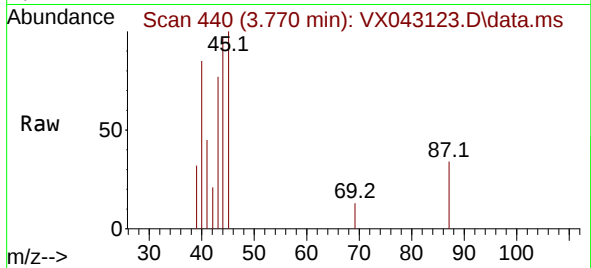




#23
 Vinyl Acetate
 Concen: 0.304 ug/l
 RT: 3.770 min Scan# 44
 Delta R.T. 0.049 min
 Lab File: VX043123.D
 Acq: 24 Sep 2024 15:26

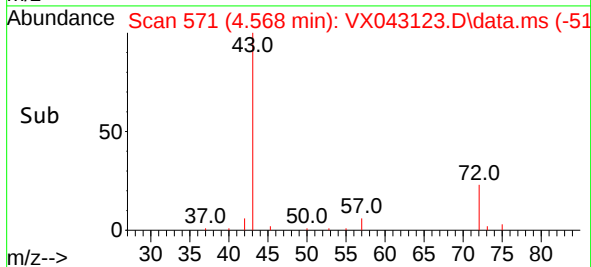
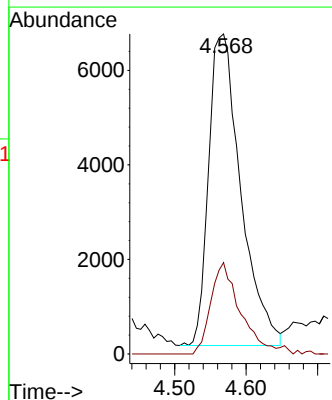
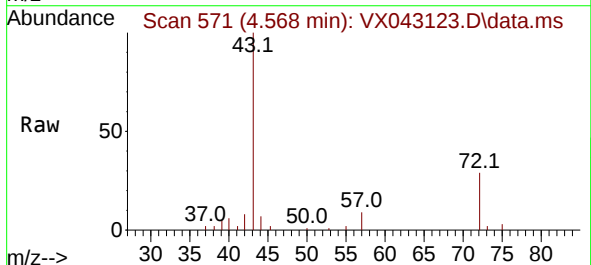
Instrument :
 MSVOA_X
 ClientSampleId :

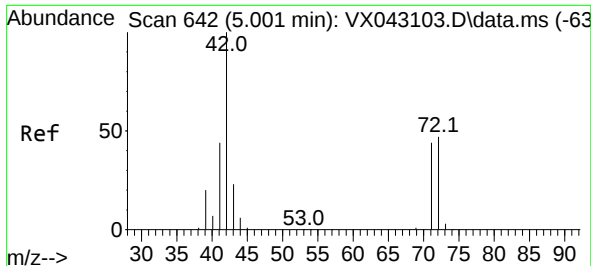
Tgt Ion: 43 Resp: 1230
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.6 12.8#



#25
 2-Butanone
 Concen: 22.065 ug/l
 RT: 4.568 min Scan# 571
 Delta R.T. 0.018 min
 Lab File: VX043123.D
 Acq: 24 Sep 2024 15:26

Tgt Ion: 43 Resp: 20590
 Ion Ratio Lower Upper
 43 100
 72 29.3 20.7 31.1





#29

Tetrahydrofuran

Concen: 2.612 ug/l

RT: 5.026 min Scan# 642

Delta R.T. 0.024 min

Lab File: VX043123.D

Acq: 24 Sep 2024 15:26

Instrument :

MSVOA_X

ClientSampleId :

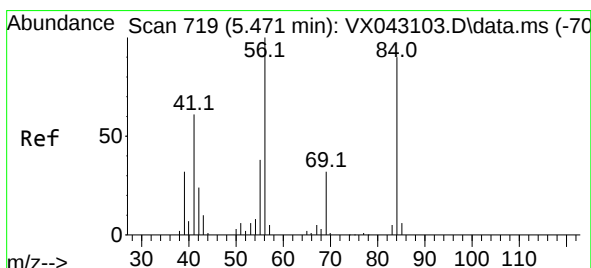
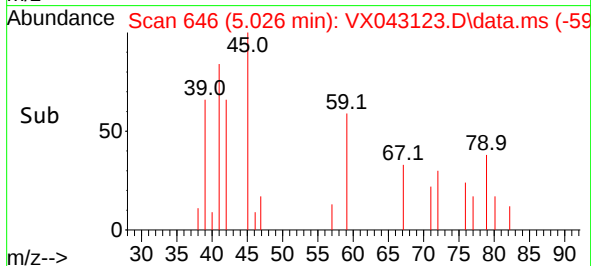
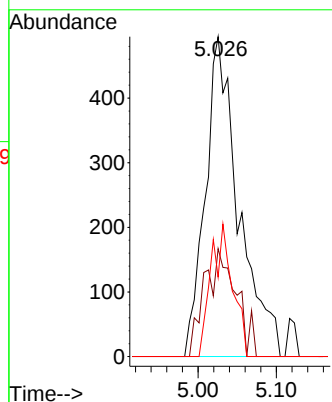
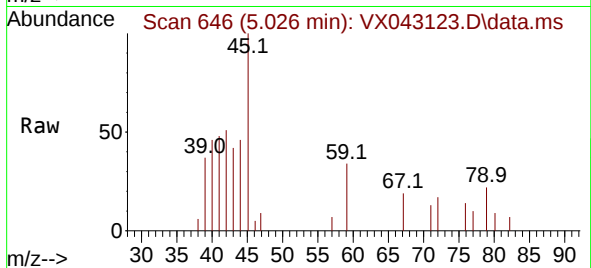
Tgt Ion: 42 Resp: 1466

Ion Ratio Lower Upper

42 100

72 20.3 37.6 56.4#

71 26.7 34.8 52.2#



#31

Cyclohexane

Concen: 8.919 ug/l

RT: 5.471 min Scan# 719

Delta R.T. -0.000 min

Lab File: VX043123.D

Acq: 24 Sep 2024 15:26

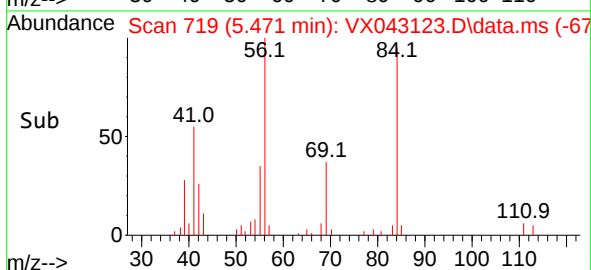
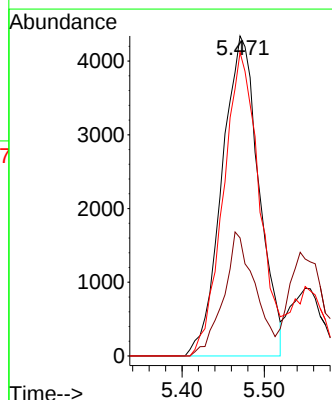
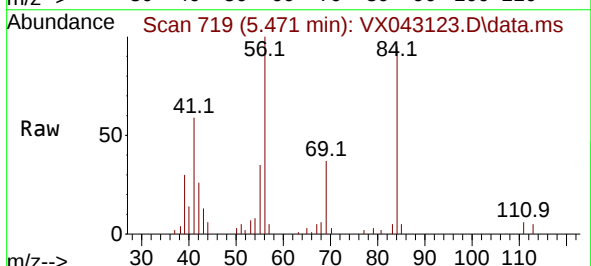
Tgt Ion: 56 Resp: 13577

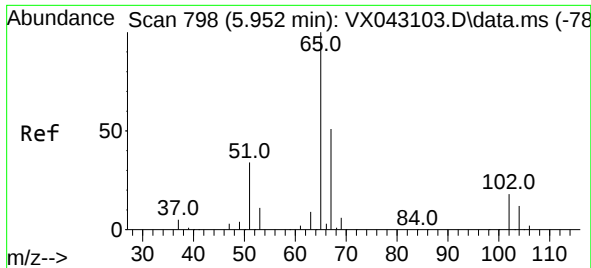
Ion Ratio Lower Upper

56 100

69 36.9 25.8 38.6

84 94.8 72.4 108.6

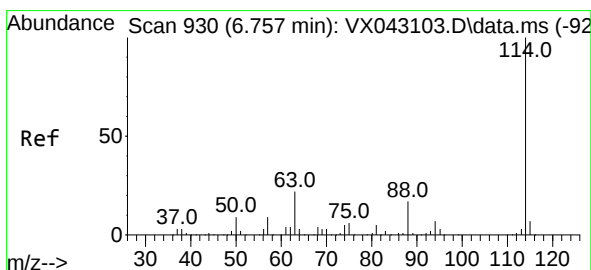
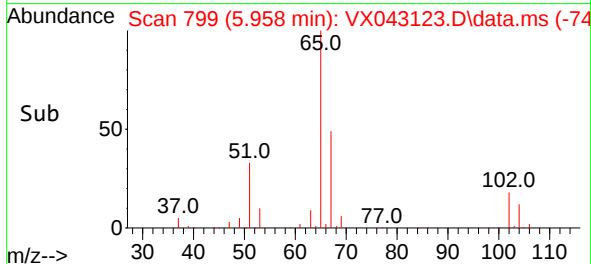
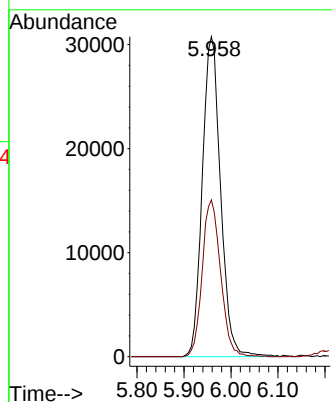
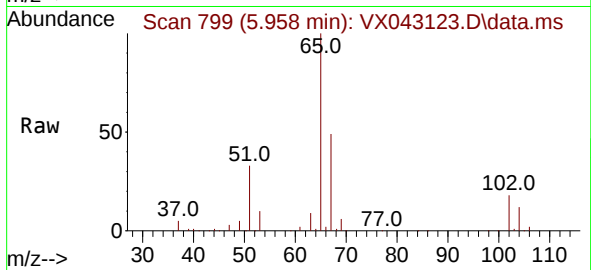




#33
 1,2-Dichloroethane-d4
 Concen: 53.664 ug/l
 RT: 5.958 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX043123.D
 Acq: 24 Sep 2024 15:26

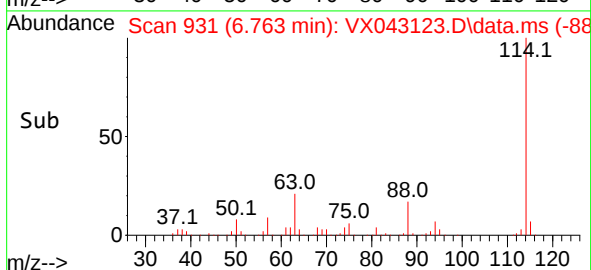
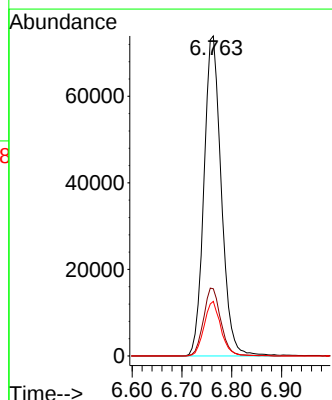
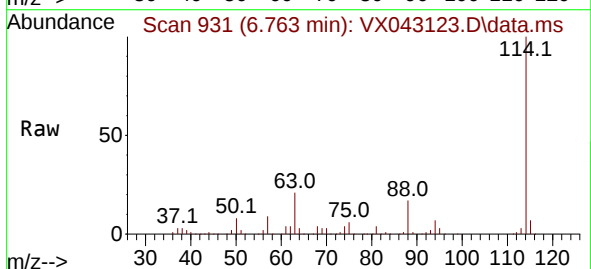
Instrument :
 MSVOA_X
 ClientSampleId :

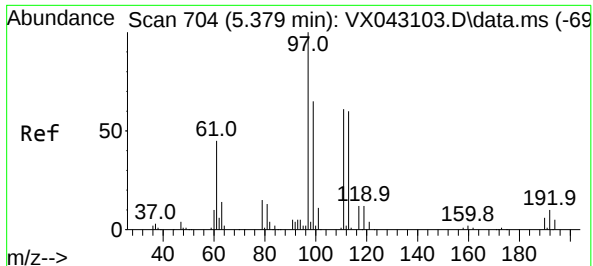
Tgt Ion: 65 Resp: 83067
 Ion Ratio Lower Upper
 65 100
 67 49.2 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.006 min
 Lab File: VX043123.D
 Acq: 24 Sep 2024 15:26

Tgt Ion: 114 Resp: 178686
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 43.2
 88 17.1 0.0 33.4

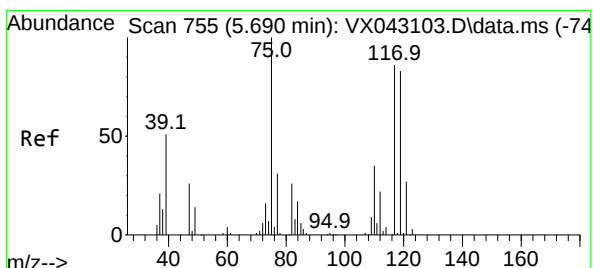
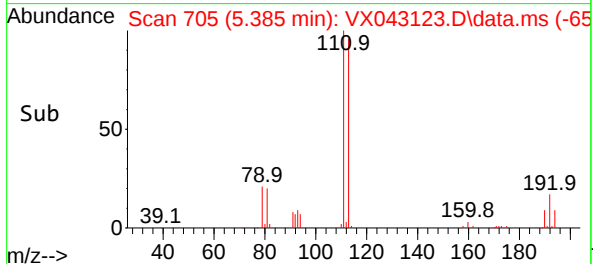
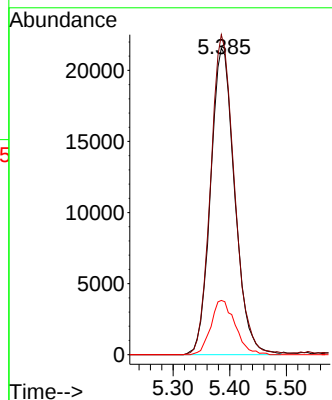
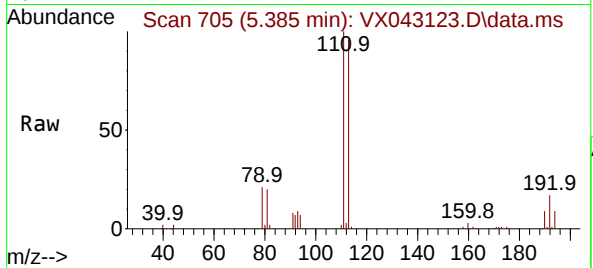




#35
Dibromofluoromethane
Concen: 50.470 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX043123.D
Acq: 24 Sep 2024 15:26

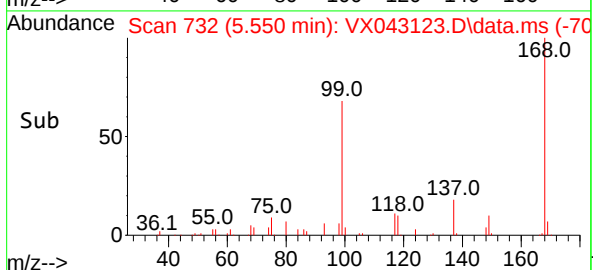
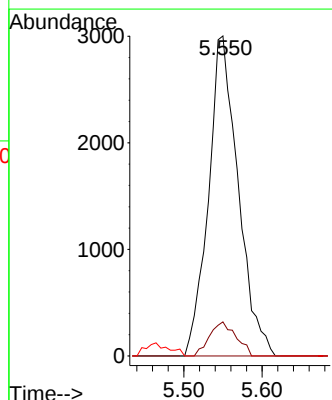
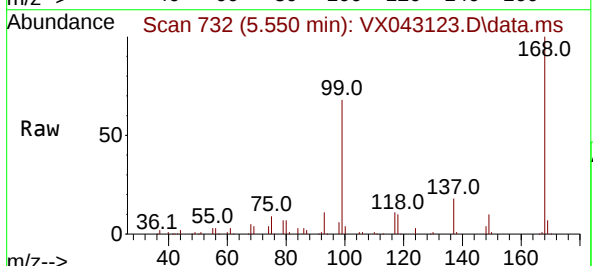
Instrument :
MSVOA_X
ClientSampleId :

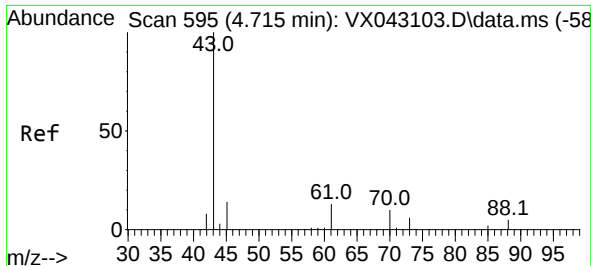
Tgt Ion:113 Resp: 63618
Ion Ratio Lower Upper
113 100
111 103.2 82.6 124.0
192 17.9 14.6 22.0



#36
1,1-Dichloropropene
Concen: 5.111 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX043123.D
Acq: 24 Sep 2024 15:26

Tgt Ion: 75 Resp: 7916
Ion Ratio Lower Upper
75 100
110 9.4 17.8 53.4#
77 0.0 25.2 37.8#





#37

Ethyl Acetate

Concen: 1.401 ug/l

RT: 4.733 min Scan# 595

Delta R.T. 0.018 min

Lab File: VX043123.D

Acq: 24 Sep 2024 15:26

Instrument :

MSVOA_X

ClientSampleId :

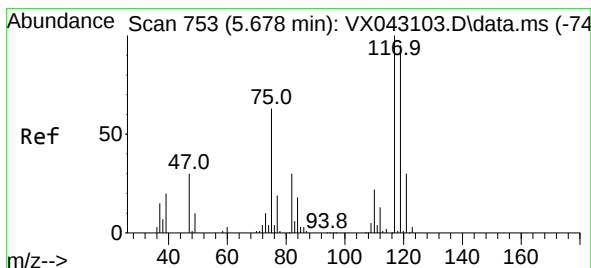
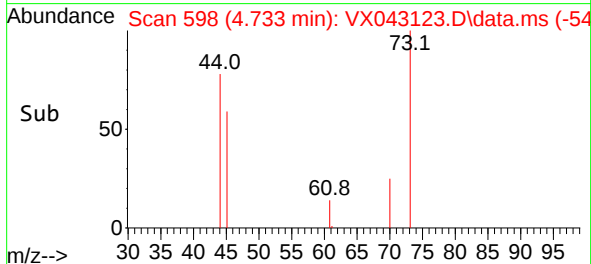
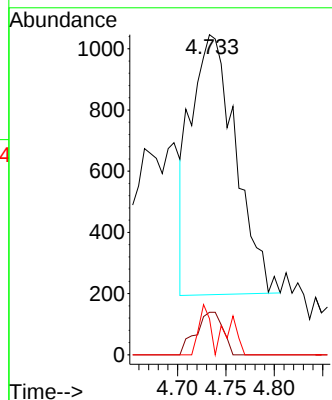
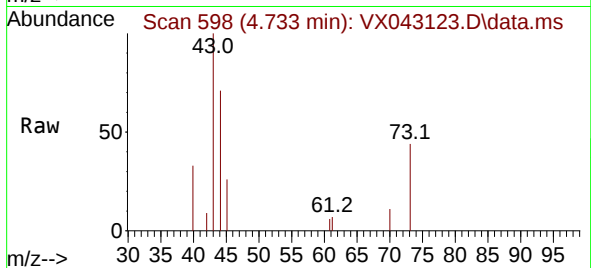
Tgt Ion: 43 Resp: 2725

Ion Ratio Lower Upper

43 100

61 9.9 10.9 16.3#

70 4.8 8.6 13.0#



#38

Carbon Tetrachloride

Concen: 5.216 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.128 min

Lab File: VX043123.D

Acq: 24 Sep 2024 15:26

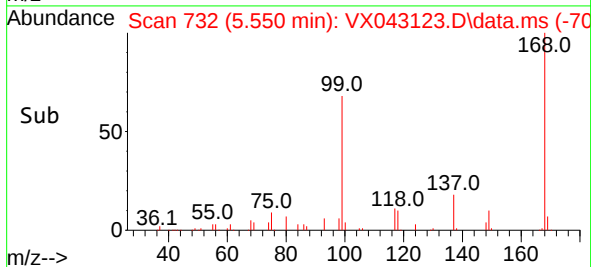
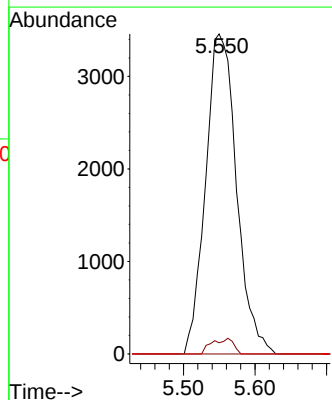
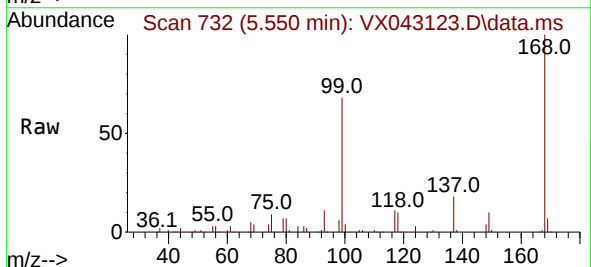
Tgt Ion: 117 Resp: 10407

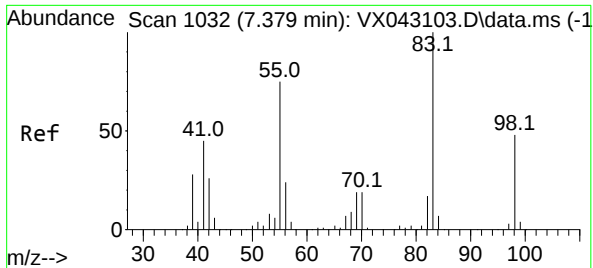
Ion Ratio Lower Upper

117 100

119 3.5 75.5 113.3#

121 0.0 24.2 36.2#

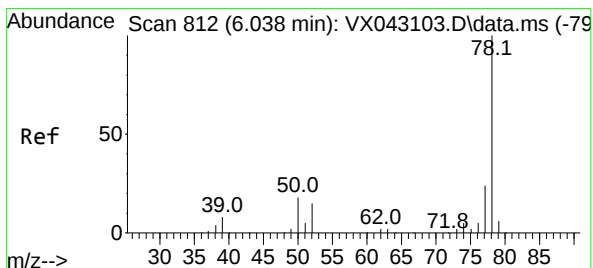
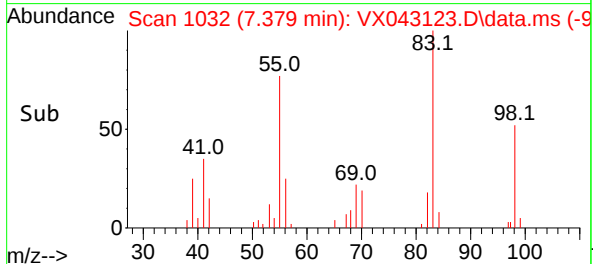
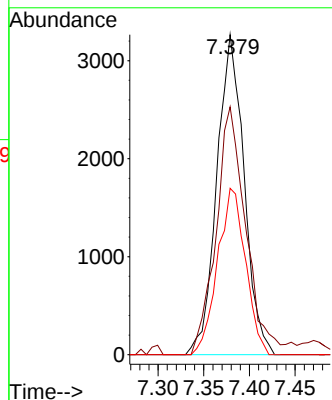
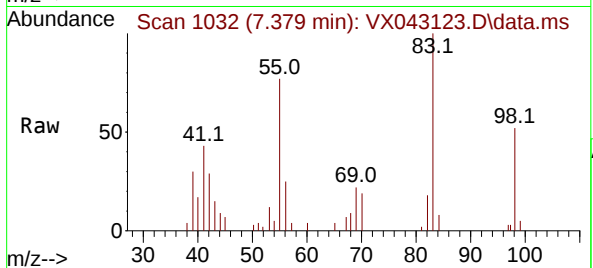




#39
Methylcyclohexane
Concen: 3.485 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX043123.D
Acq: 24 Sep 2024 15:26

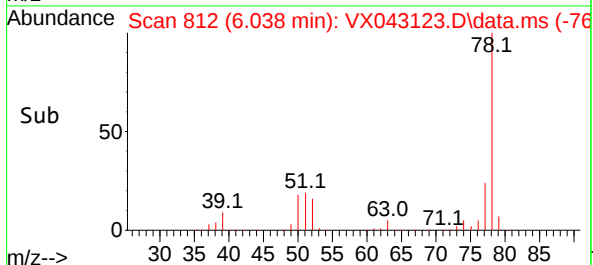
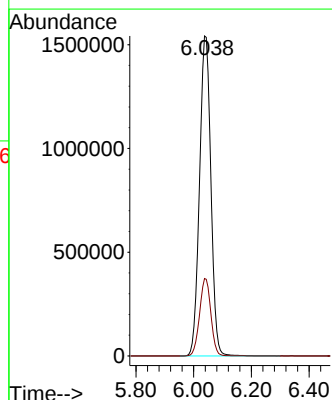
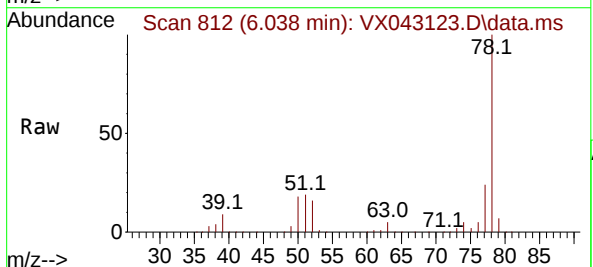
Instrument :
MSVOA_X
ClientSampleId :

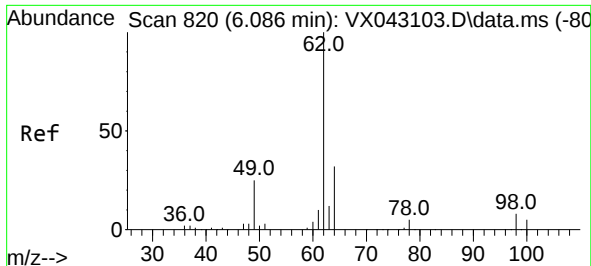
Tgt Ion: 83 Resp: 6774
Ion Ratio Lower Upper
83 100
55 77.5 60.2 90.4
98 52.0 38.6 58.0



#40
Benzene
Concen: 920.797 ug/l
RT: 6.038 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX043123.D
Acq: 24 Sep 2024 15:26

Tgt Ion: 78 Resp: 4208357
Ion Ratio Lower Upper
78 100
77 24.2 19.3 28.9





#42

1,2-Dichloroethane

Concen: 21.789 ug/l

RT: 6.038 min Scan# 81

Delta R.T. -0.049 min

Lab File: VX043123.D

Acq: 24 Sep 2024 15:26

Instrument :

MSVOA_X

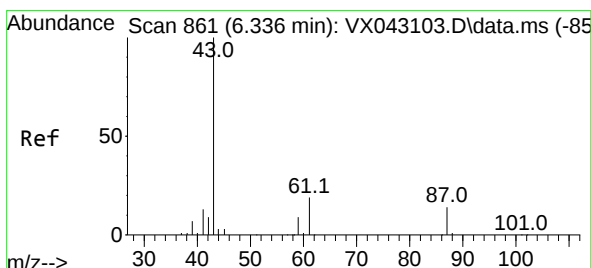
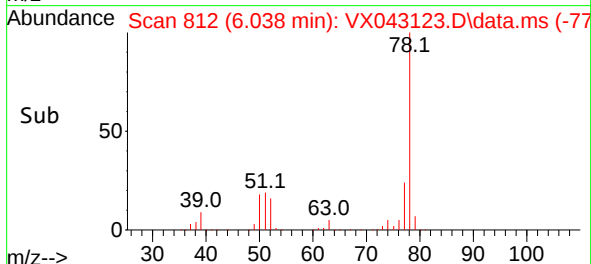
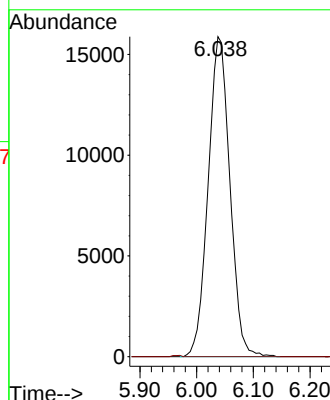
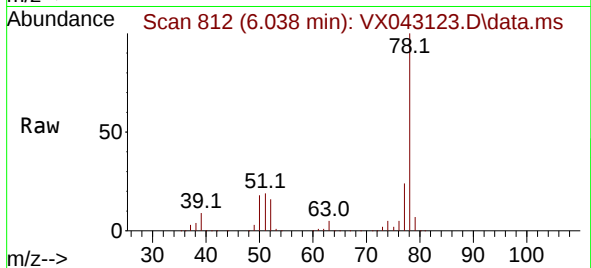
ClientSampleId :

Tgt Ion: 62 Resp: 42284

Ion Ratio Lower Upper

62 100

98 0.0 0.0 16.6



#43

Isopropyl Acetate

Concen: 27.457 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.006 min

Lab File: VX043123.D

Acq: 24 Sep 2024 15:26

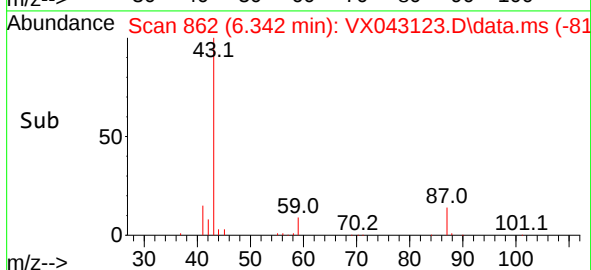
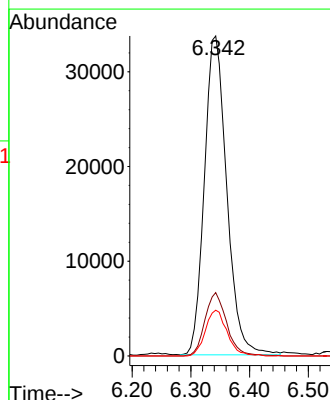
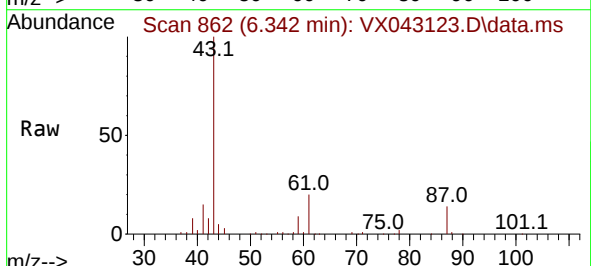
Tgt Ion: 43 Resp: 89222

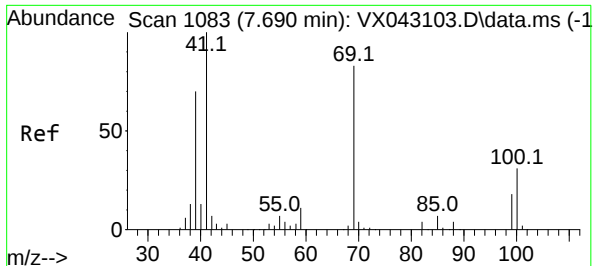
Ion Ratio Lower Upper

43 100

61 19.3 15.0 22.6

87 13.9 10.6 16.0





#48

Methyl methacrylate

Concen: 46.555 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.110 min

Lab File: VX043123.D

Acq: 24 Sep 2024 15:26

Instrument :

MSVOA_X

ClientSampleId :

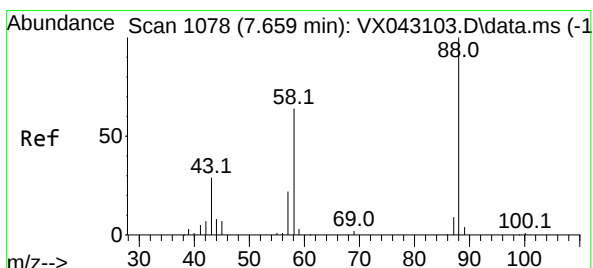
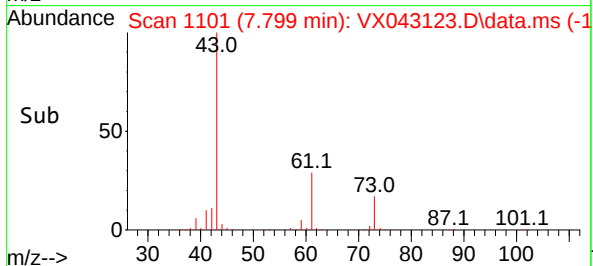
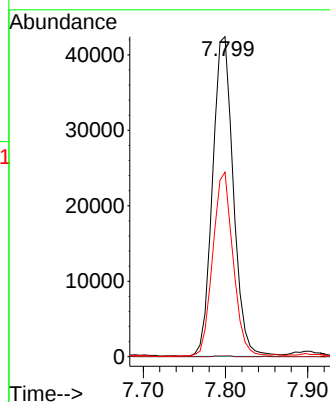
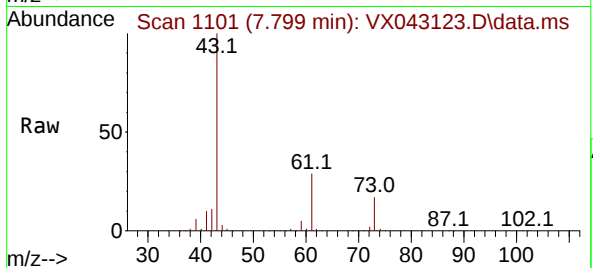
Tgt Ion: 41 Resp: 74306

Ion Ratio Lower Upper

41 100

69 0.2 65.0 97.6#

39 57.1 55.0 82.6



#49

1,4-Dioxane

Concen: 3.717 ug/l

RT: 7.665 min Scan# 1079

Delta R.T. 0.006 min

Lab File: VX043123.D

Acq: 24 Sep 2024 15:26

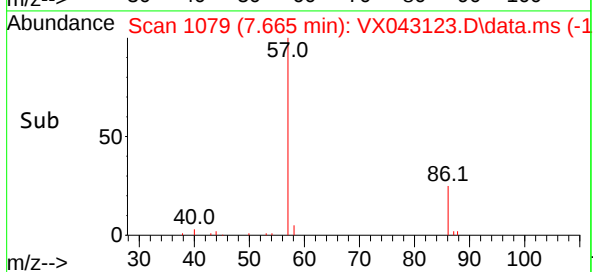
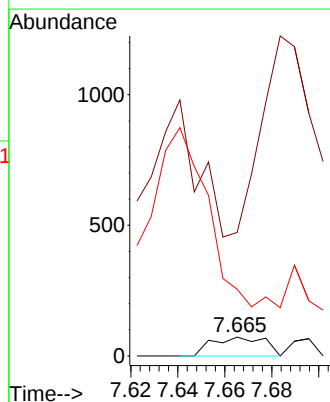
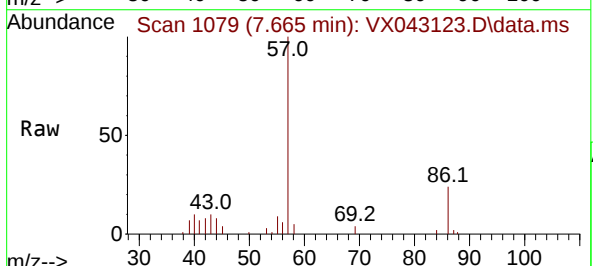
Tgt Ion: 88 Resp: 112

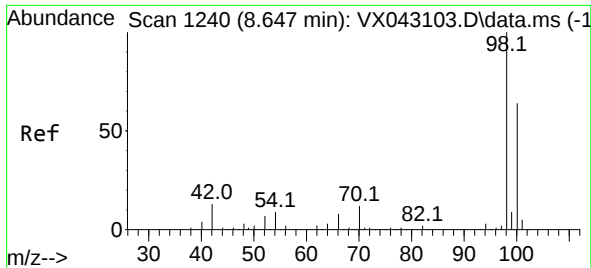
Ion Ratio Lower Upper

88 100

43 0.0 29.5 44.3#

58 0.0 52.5 78.7#

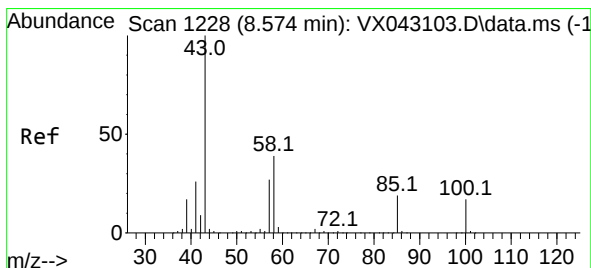
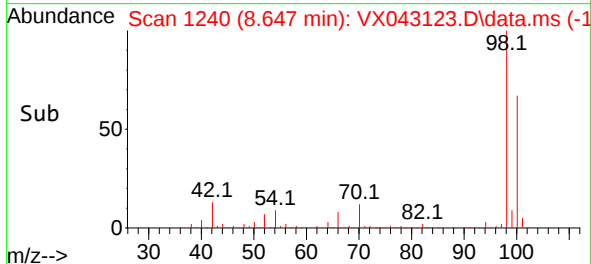
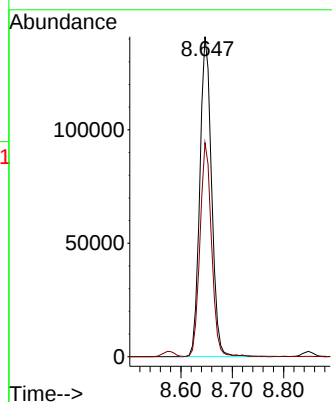
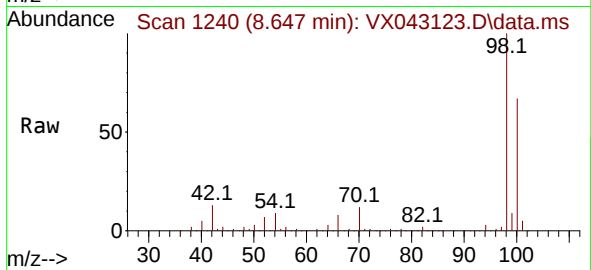




#50
Toluene-d8
Concen: 52.551 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043123.D
Acq: 24 Sep 2024 15:26

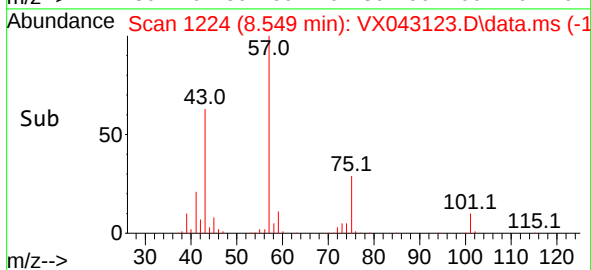
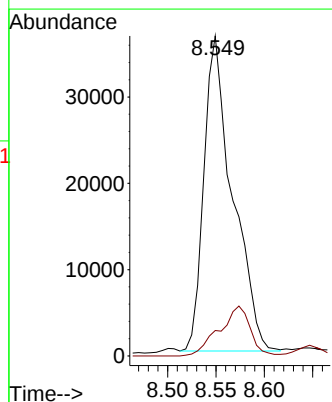
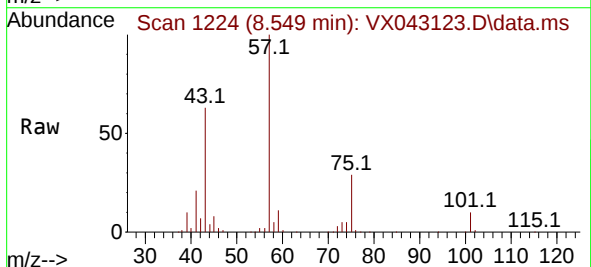
Instrument :
MSVOA_X
ClientSampleId :

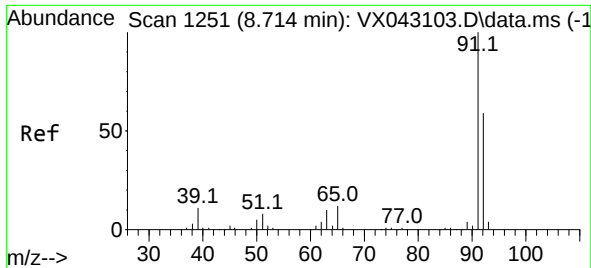
Tgt Ion: 98 Resp: 224106
Ion Ratio Lower Upper
98 100
100 66.0 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 37.692 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX043123.D
Acq: 24 Sep 2024 15:26

Tgt Ion: 43 Resp: 75244
Ion Ratio Lower Upper
43 100
58 0.0 30.3 45.5#





#52

Toluene

Concen: 634.806 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX043123.D

Acq: 24 Sep 2024 15:26

Instrument :

MSVOA_X

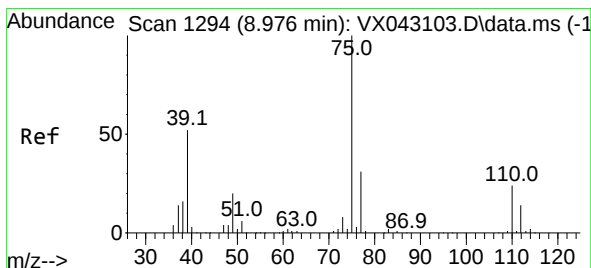
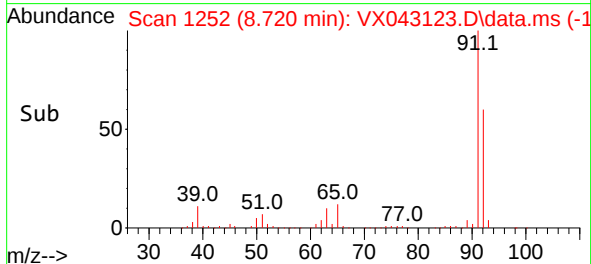
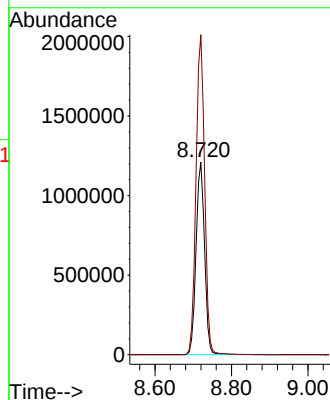
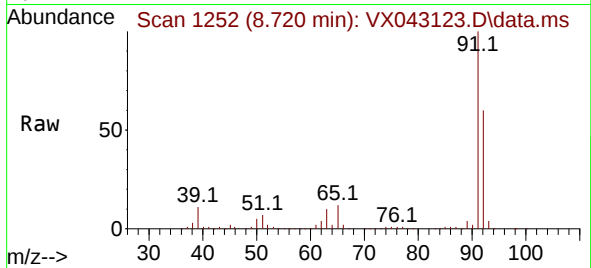
ClientSampleId :

Tgt Ion: 92 Resp: 1868439

Ion Ratio Lower Upper

92 100

91 168.3 135.9 203.9



#53

t-1,3-Dichloropropene

Concen: 11.724 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.256 min

Lab File: VX043123.D

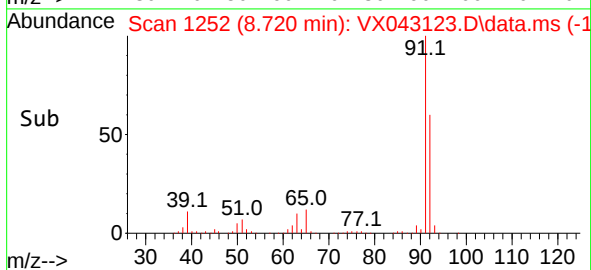
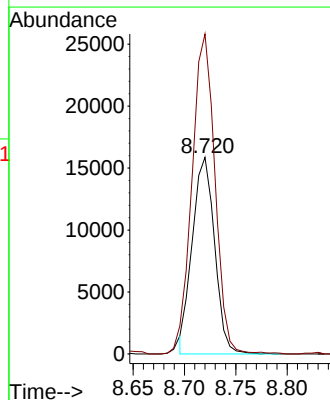
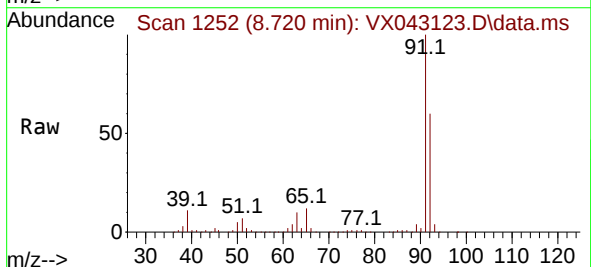
Acq: 24 Sep 2024 15:26

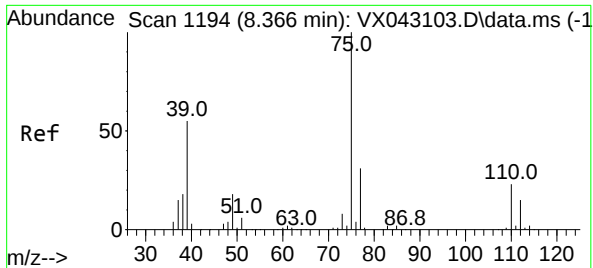
Tgt Ion: 75 Resp: 23990

Ion Ratio Lower Upper

75 100

77 162.4 25.0 37.6#

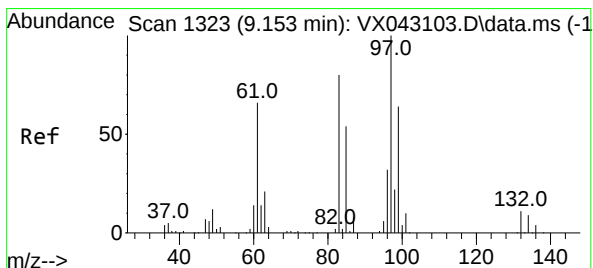
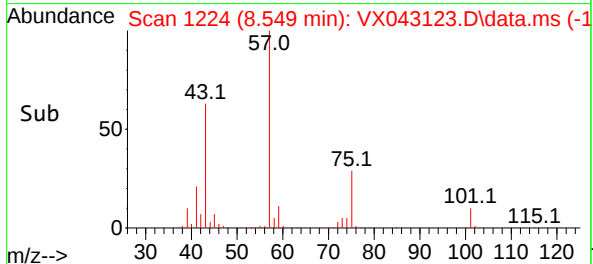
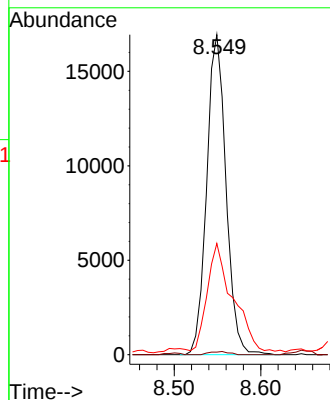
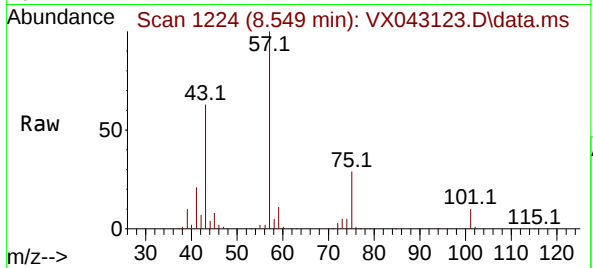




#54
 cis-1,3-Dichloropropene
 Concen: 12.821 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX043123.D
 Acq: 24 Sep 2024 15:26

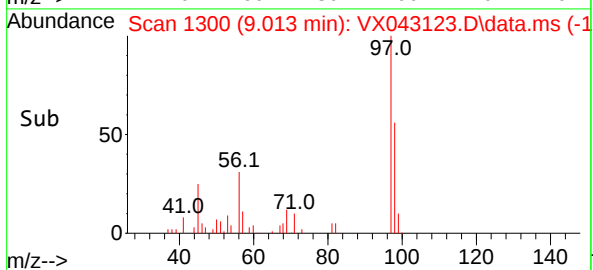
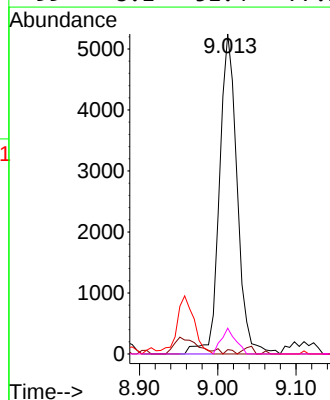
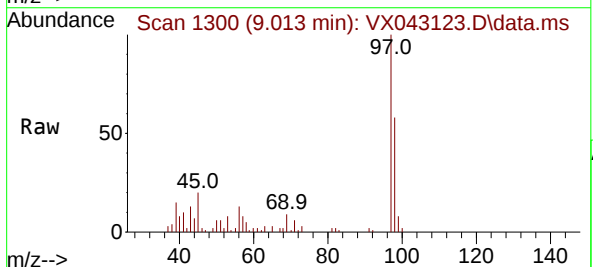
Instrument :
 MSVOA_X
 ClientSampleId :

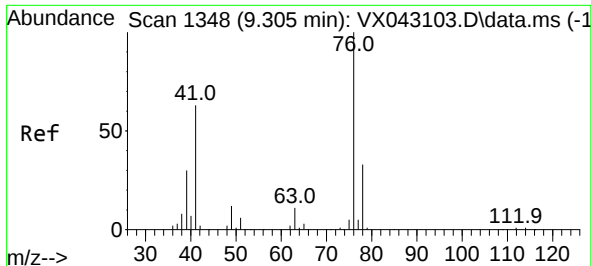
Tgt Ion: 75 Resp: 26200
 Ion Ratio Lower Upper
 75 100
 77 0.8 24.8 37.2#
 39 33.4 43.8 65.8#



#55
 1,1,2-Trichloroethane
 Concen: 6.837 ug/l
 RT: 9.013 min Scan# 1300
 Delta R.T. -0.140 min
 Lab File: VX043123.D
 Acq: 24 Sep 2024 15:26

Tgt Ion: 97 Resp: 8285
 Ion Ratio Lower Upper
 97 100
 83 1.3 64.2 96.4#
 85 0.0 43.0 64.6#
 99 8.1 51.4 77.2#

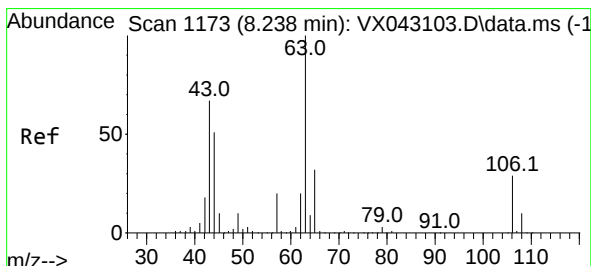
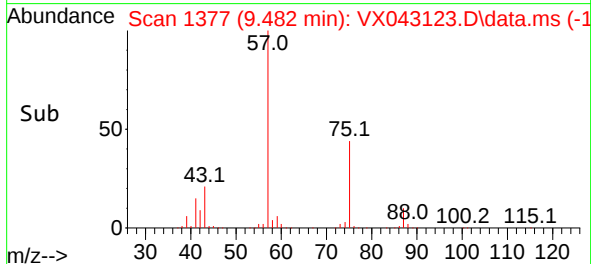
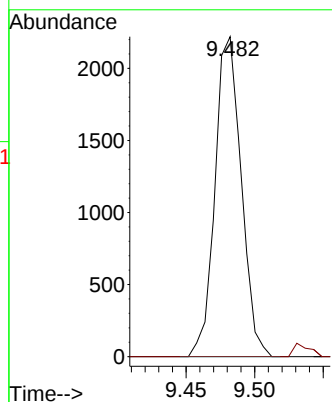
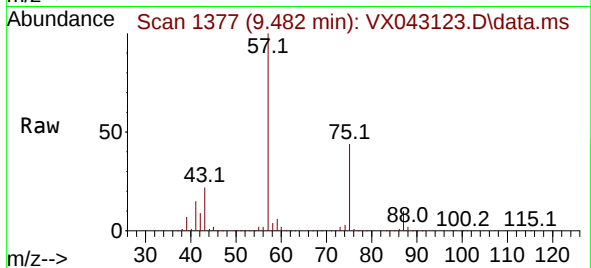




#57
1,3-Dichloropropane
Concen: 1.433 ug/l
RT: 9.482 min Scan# 11
Delta R.T. 0.177 min
Lab File: VX043123.D
Acq: 24 Sep 2024 15:26

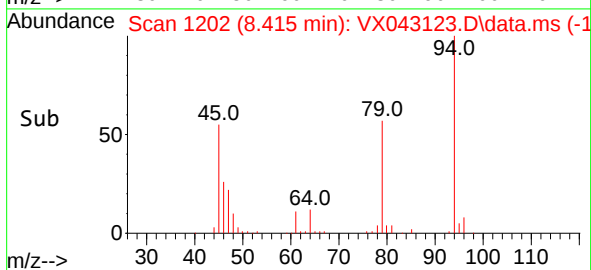
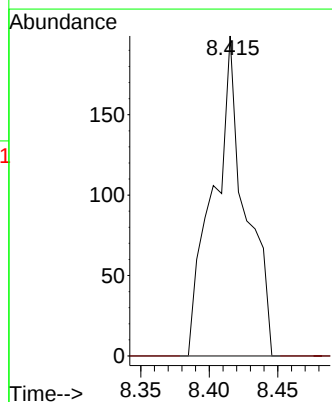
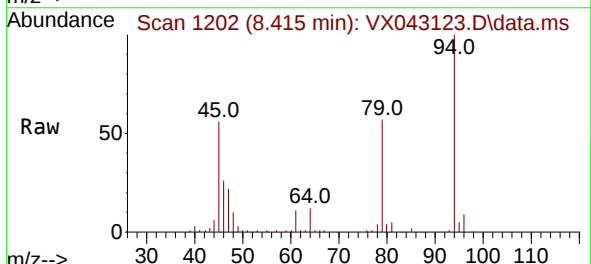
Instrument :
MSVOA_X
ClientSampleId :

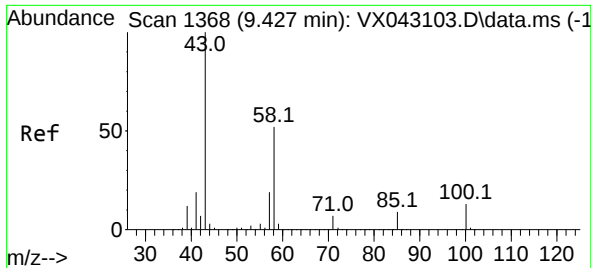
Tgt Ion: 76 Resp: 2953
Ion Ratio Lower Upper
76 100
78 0.0 26.5 39.7#



#58
2-Chloroethyl Vinyl ether
Concen: 0.379 ug/l
RT: 8.415 min Scan# 1202
Delta R.T. 0.177 min
Lab File: VX043123.D
Acq: 24 Sep 2024 15:26

Tgt Ion: 63 Resp: 323
Ion Ratio Lower Upper
63 100
106 0.0 24.0 36.0#





#59

2-Hexanone

Concen: 25.998 ug/l

RT: 9.482 min Scan# 11

Delta R.T. 0.055 min

Lab File: VX043123.D

Acq: 24 Sep 2024 15:26

Instrument :

MSVOA_X

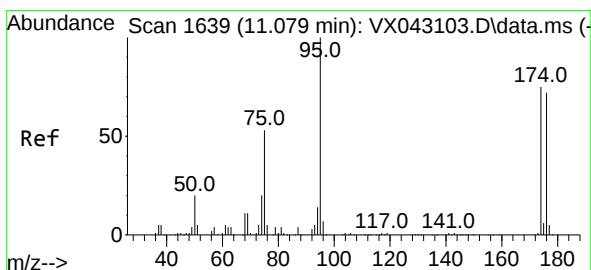
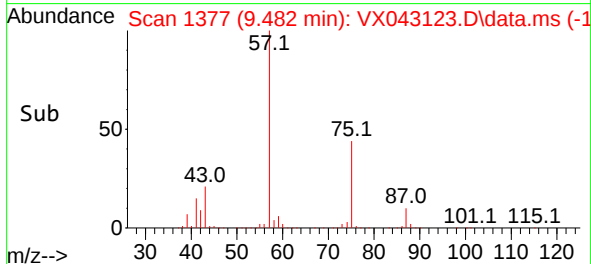
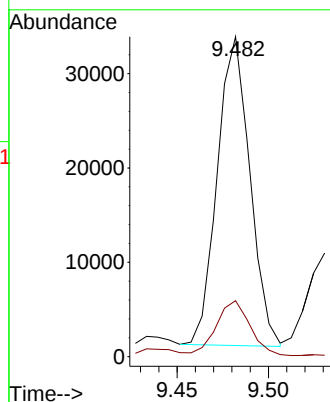
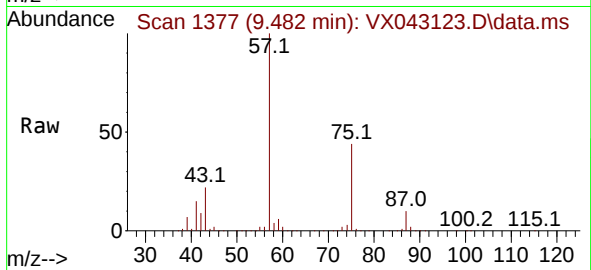
ClientSampleId :

Tgt Ion: 43 Resp: 40581

Ion Ratio Lower Upper

43 100

58 18.5 26.1 78.2#



#62

4-Bromofluorobenzene

Concen: 51.057 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX043123.D

Acq: 24 Sep 2024 15:26

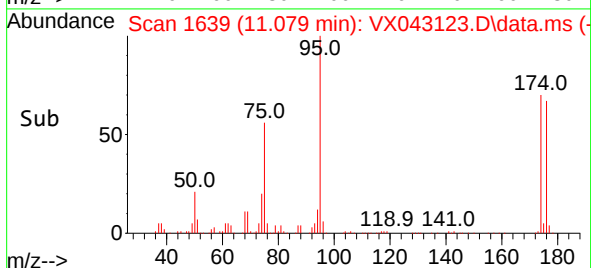
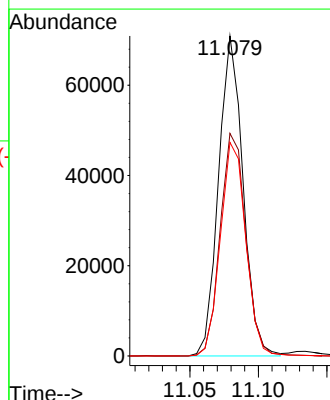
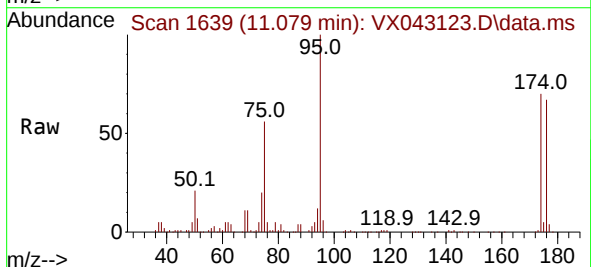
Tgt Ion: 95 Resp: 87685

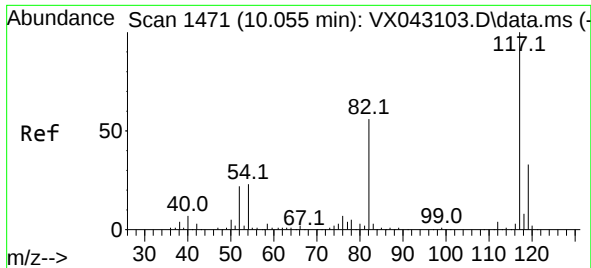
Ion Ratio Lower Upper

95 100

174 73.0 0.0 146.0

176 69.7 0.0 142.6

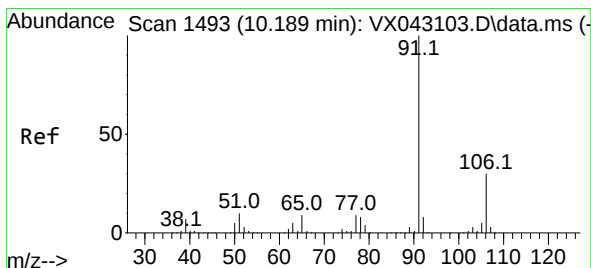
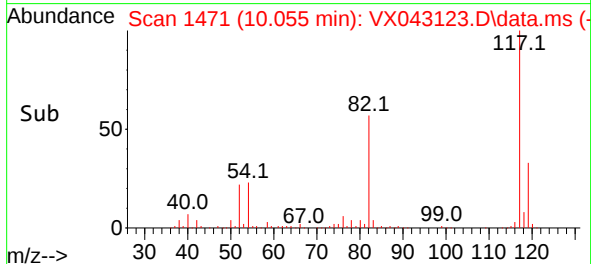
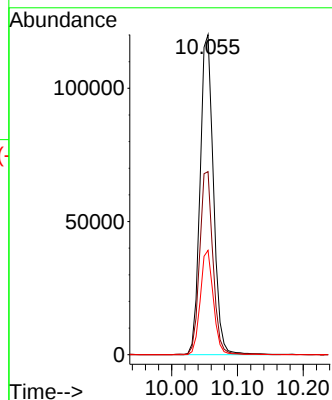
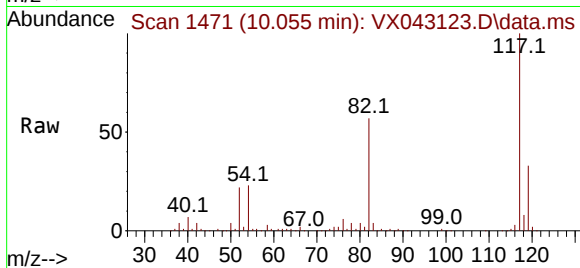




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043123.D
Acq: 24 Sep 2024 15:26

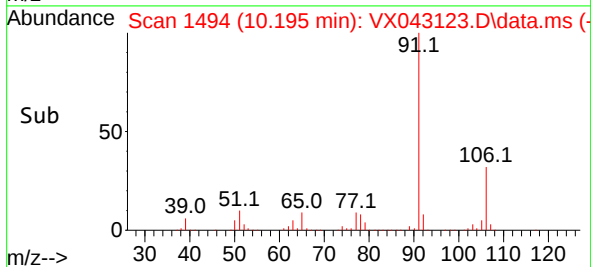
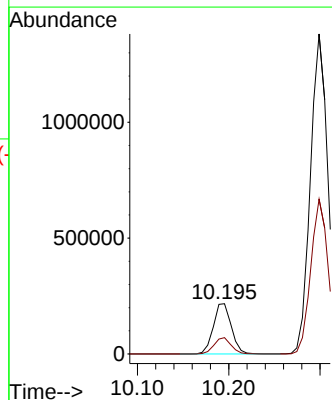
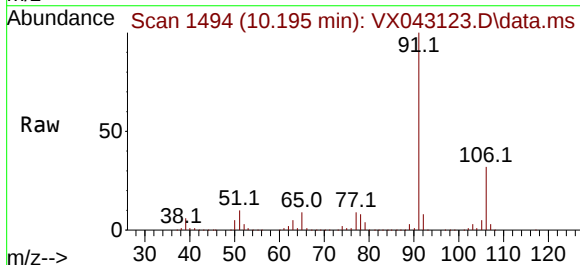
Instrument :
MSVOA_X
ClientSampleId :

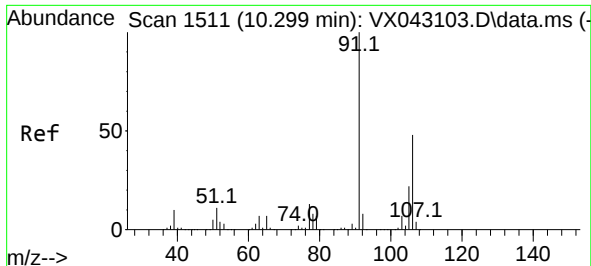
Tgt Ion:117 Resp: 169620
Ion Ratio Lower Upper
117 100
82 57.1 44.7 67.1
119 32.6 26.3 39.5



#67
Ethyl Benzene
Concen: 46.994 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX043123.D
Acq: 24 Sep 2024 15:26

Tgt Ion: 91 Resp: 297451
Ion Ratio Lower Upper
91 100
106 32.5 24.2 36.4

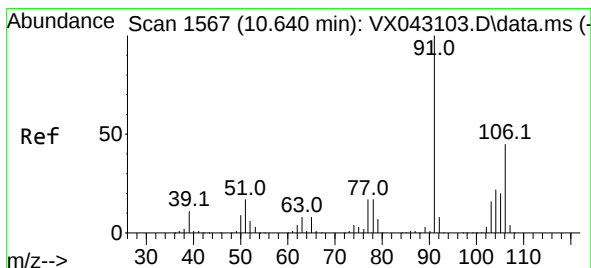
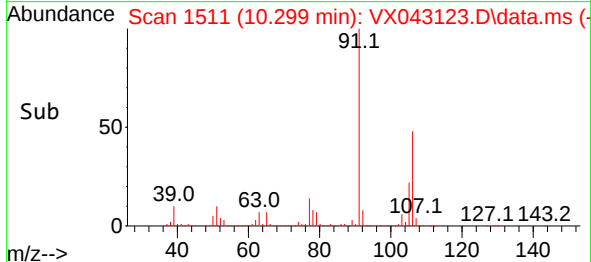
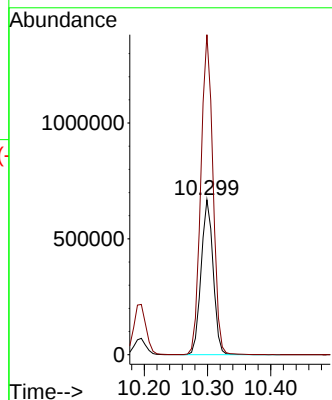
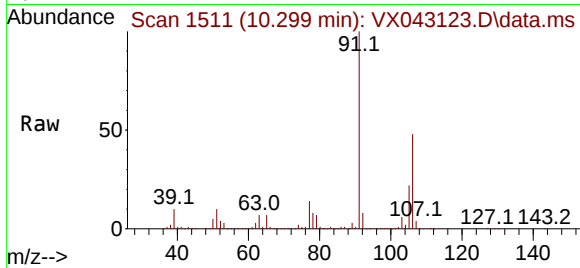




#68
m/p-Xylenes
Concen: 375.888 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX043123.D
Acq: 24 Sep 2024 15:26

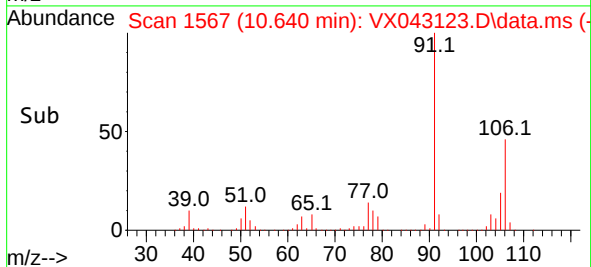
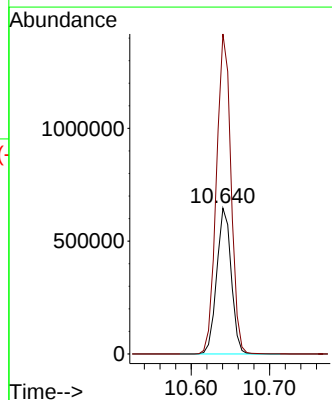
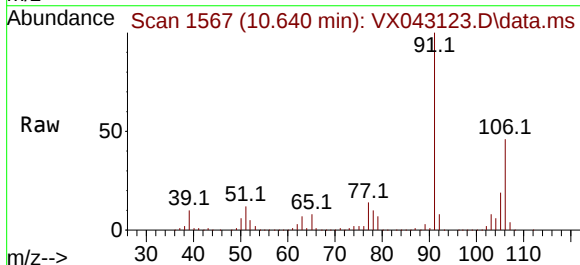
Instrument :
MSVOA_X
ClientSampleId :

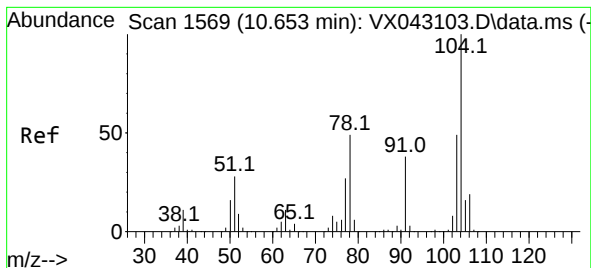
Tgt Ion:106 Resp: 885411
Ion Ratio Lower Upper
106 100
91 208.2 167.5 251.3



#69
o-Xylene
Concen: 351.832 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX043123.D
Acq: 24 Sep 2024 15:26

Tgt Ion:106 Resp: 831230
Ion Ratio Lower Upper
106 100
91 220.9 112.5 337.4





#70

Styrene

Concen: 104.702 ug/l

RT: 10.653 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX043123.D

Acq: 24 Sep 2024 15:26

Instrument :

MSVOA_X

ClientSampleId :

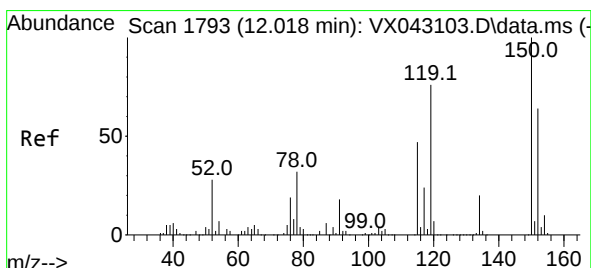
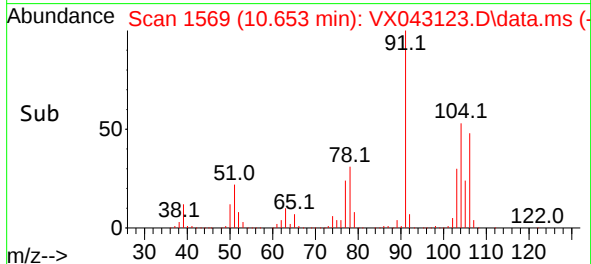
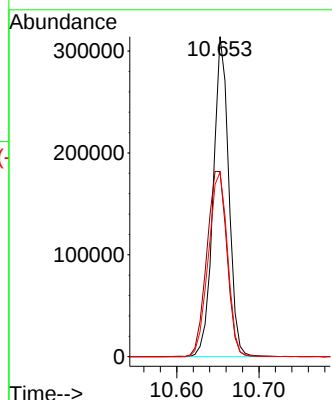
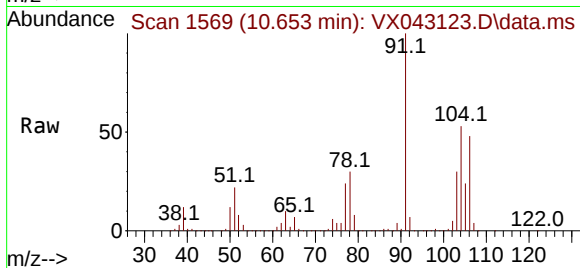
Tgt Ion:104 Resp: 412621

Ion Ratio Lower Upper

104 100

78 75.4 44.3 66.5#

103 70.9 43.4 65.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VX043123.D

Acq: 24 Sep 2024 15:26

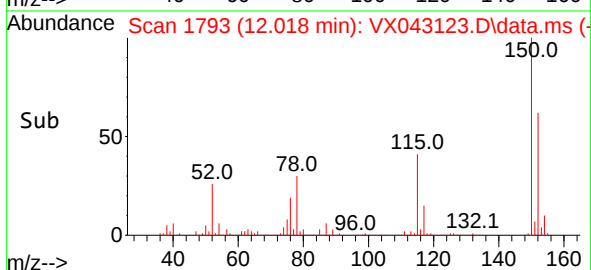
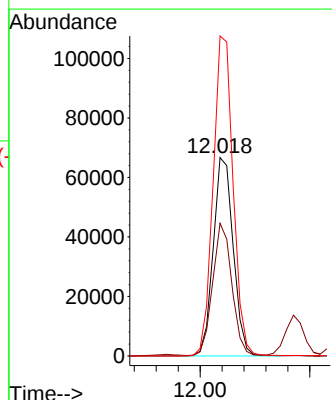
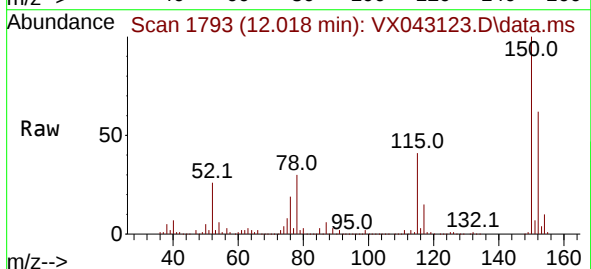
Tgt Ion:152 Resp: 84460

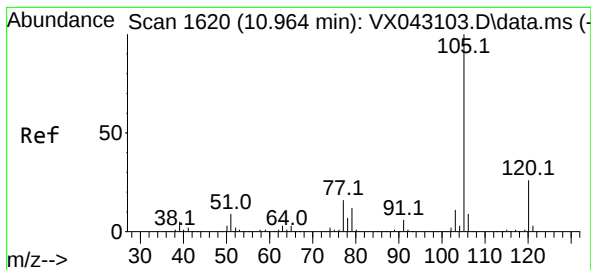
Ion Ratio Lower Upper

152 100

115 63.6 43.7 131.1

150 160.9 0.0 344.6





#73

Isopropylbenzene

Concen: 2.975 ug/l

RT: 10.963 min Scan# 1663

Delta R.T. -0.000 min

Lab File: VX043123.D

Acq: 24 Sep 2024 15:26

Instrument :

MSVOA_X

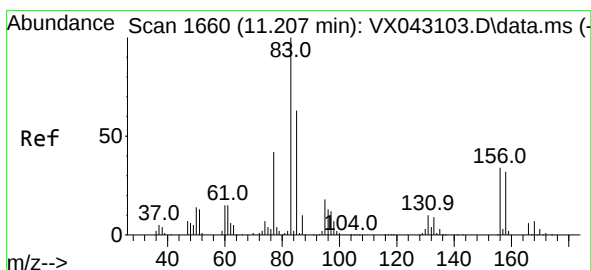
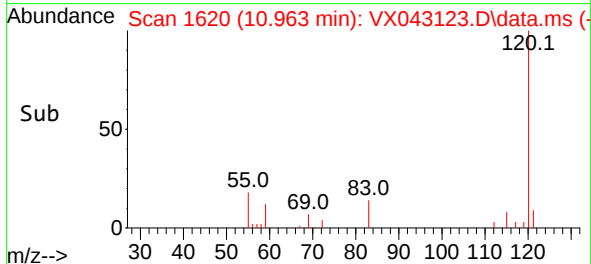
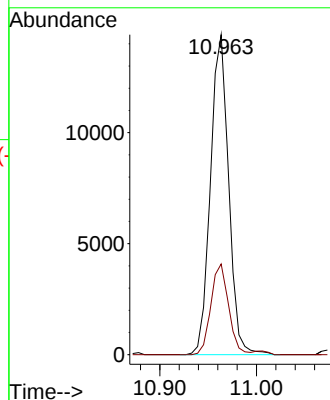
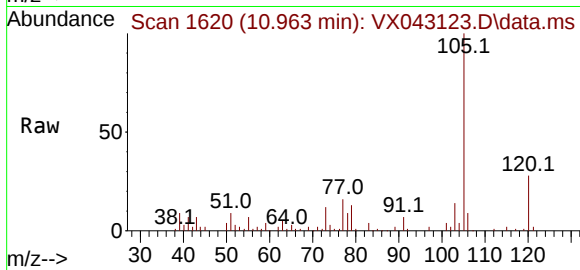
ClientSampleId :

Tgt Ion:105 Resp: 18845

Ion Ratio Lower Upper

105 100

120 27.6 13.0 39.0



#75

1,1,2,2-Tetrachloroethane

Concen: 0.291 ug/l

RT: 11.226 min Scan# 1663

Delta R.T. 0.018 min

Lab File: VX043123.D

Acq: 24 Sep 2024 15:26

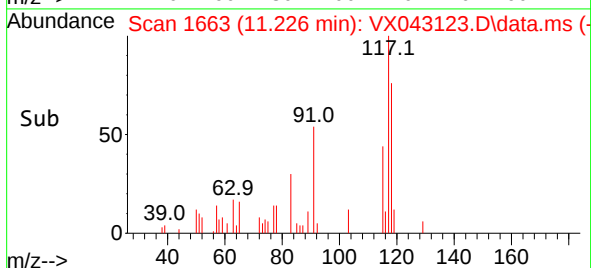
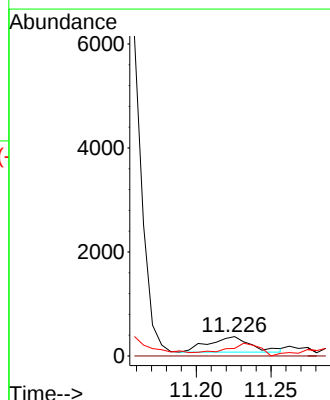
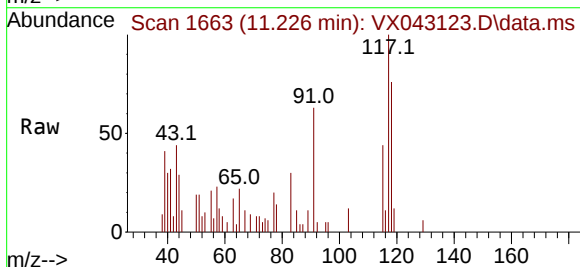
Tgt Ion: 83 Resp: 593

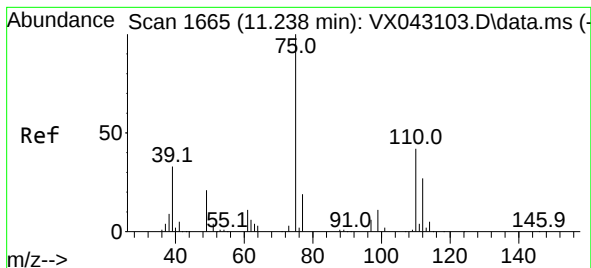
Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.8#

85 40.3 31.9 95.7





#76

1,2,3-Trichloropropane

Concen: 1.172 ug/l

RT: 11.378 min Scan# 1688

Delta R.T. 0.140 min

Lab File: VX043123.D

Acq: 24 Sep 2024 15:26

Instrument :

MSVOA_X

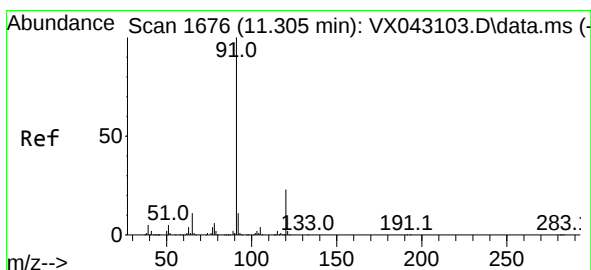
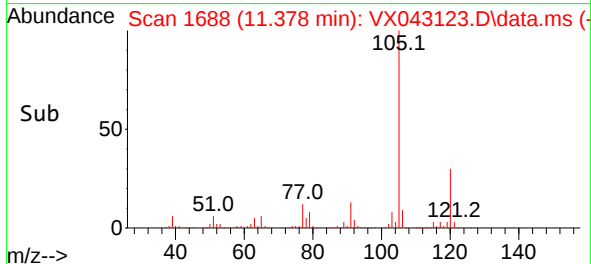
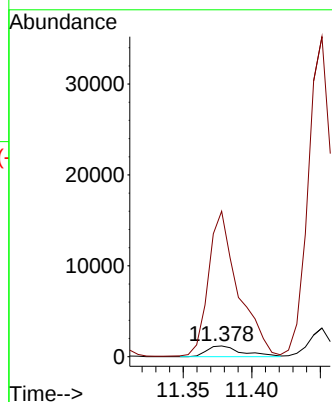
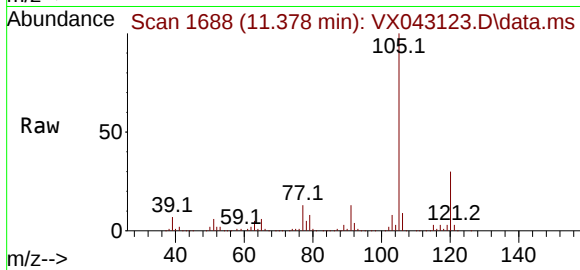
ClientSampleId :

Tgt Ion: 75 Resp: 2105

Ion Ratio Lower Upper

75 100

77 1145.2 21.9 65.7#



#78

n-propylbenzene

Concen: 4.058 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX043123.D

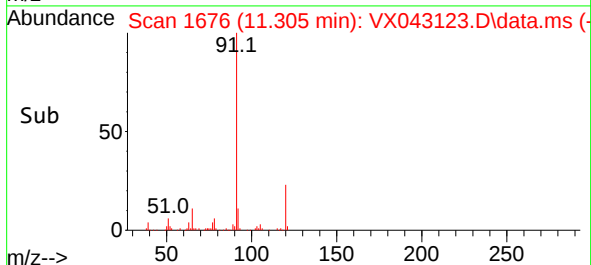
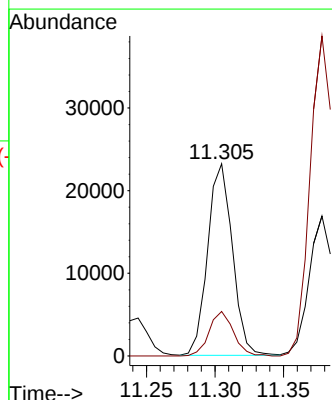
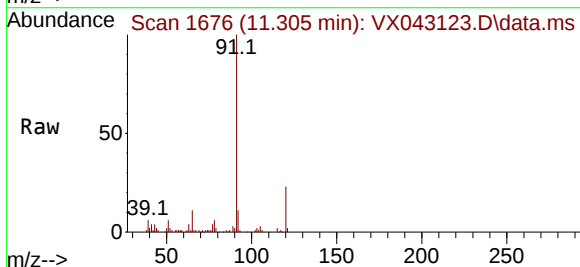
Acq: 24 Sep 2024 15:26

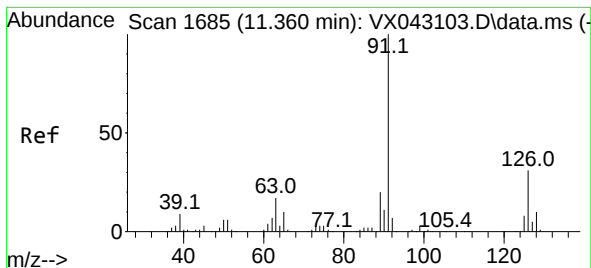
Tgt Ion: 91 Resp: 29159

Ion Ratio Lower Upper

91 100

120 22.8 11.5 34.5





#79

2-Chlorotoluene

Concen: 5.716 ug/l

RT: 11.378 min Scan# 1

Delta R.T. 0.018 min

Lab File: VX043123.D

Acq: 24 Sep 2024 15:26

Instrument :

MSVOA_X

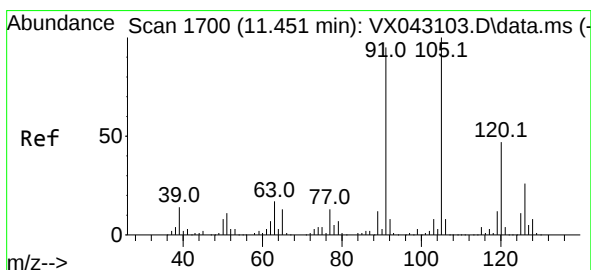
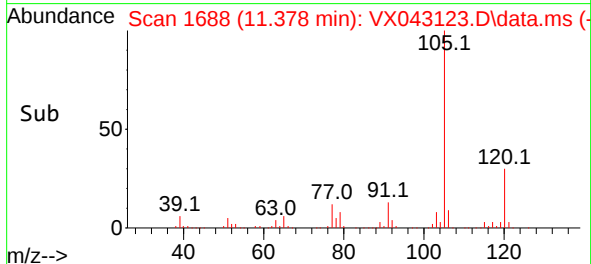
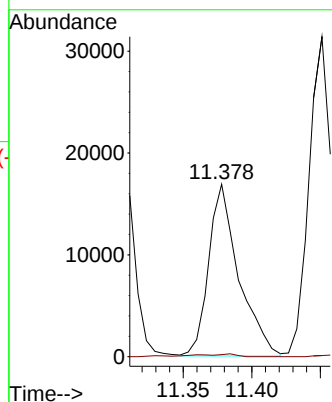
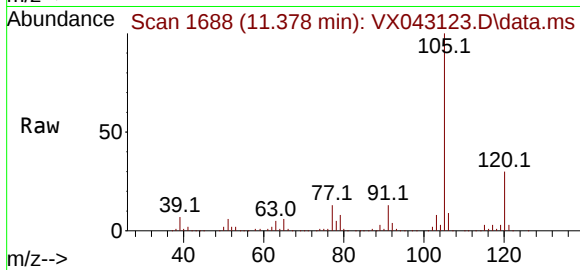
ClientSampleId :

Tgt Ion: 91 Resp: 25764

Ion Ratio Lower Upper

91 100

126 0.8 16.4 49.1#



#80

1,3,5-Trimethylbenzene

Concen: 60.022 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX043123.D

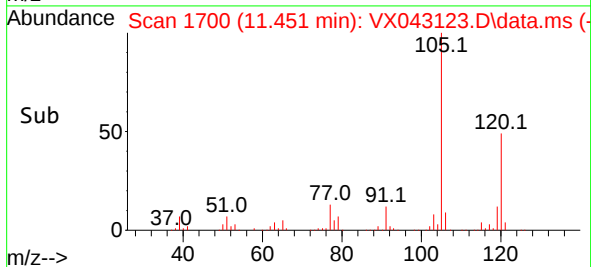
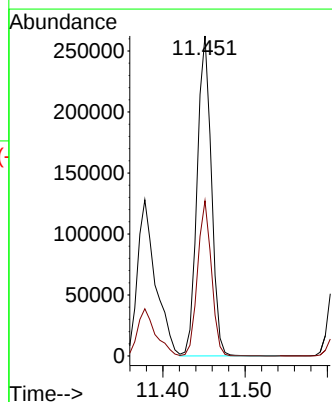
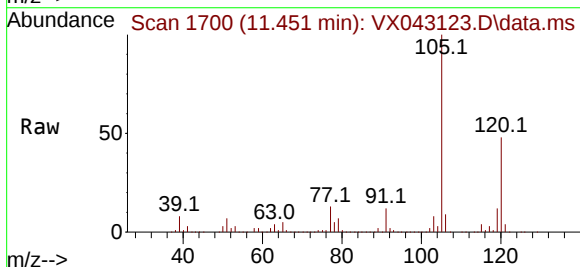
Acq: 24 Sep 2024 15:26

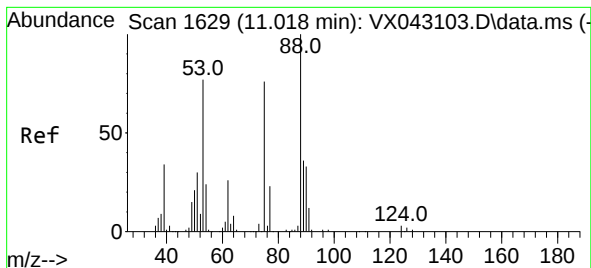
Tgt Ion:105 Resp: 314556

Ion Ratio Lower Upper

105 100

120 47.2 23.5 70.5

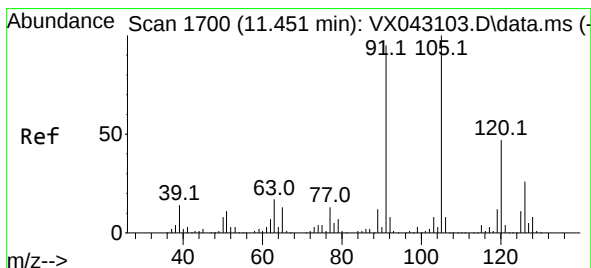
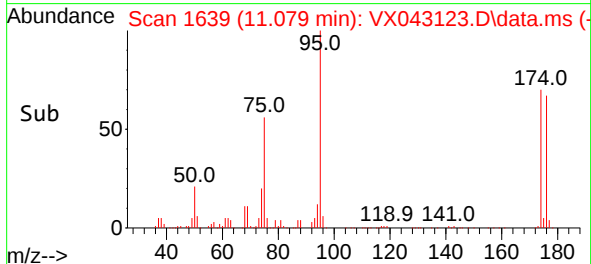
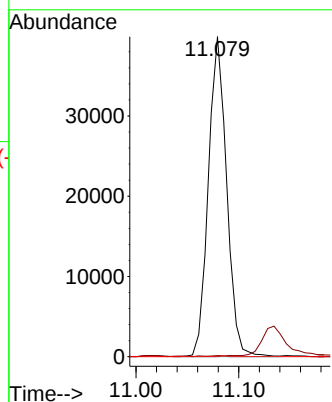
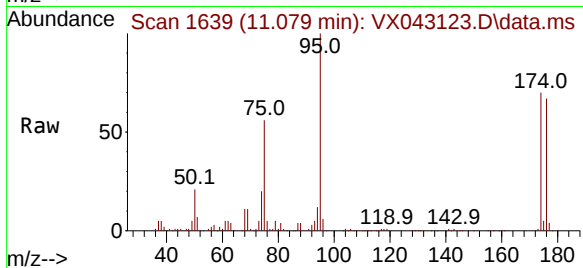




#81
trans-1,4-Dichloro-2-butene
Concen: 65.461 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043123.D
Acq: 24 Sep 2024 15:26

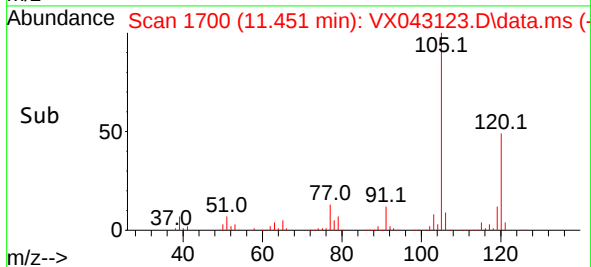
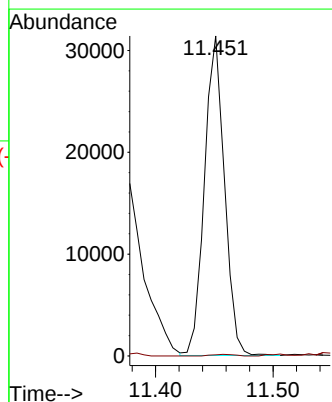
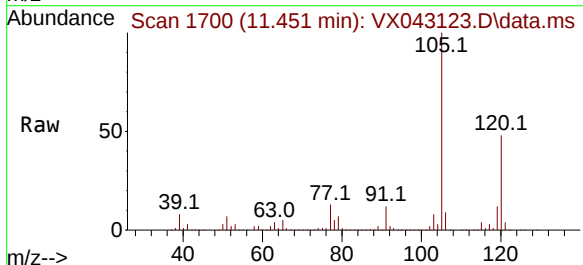
Instrument :
MSVOA_X
ClientSampleId :

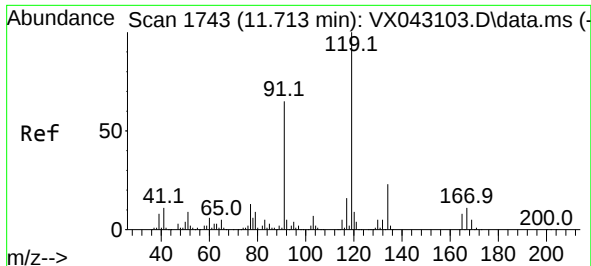
Tgt Ion: 75 Resp: 49336
Ion Ratio Lower Upper
75 100
53 0.0 85.4 128.2#
89 0.1 38.8 58.2#



#82
4-Chlorotoluene
Concen: 7.190 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX043123.D
Acq: 24 Sep 2024 15:26

Tgt Ion: 91 Resp: 37045
Ion Ratio Lower Upper
91 100
126 0.5 14.1 42.4#

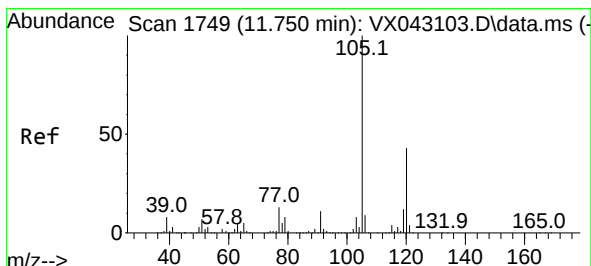
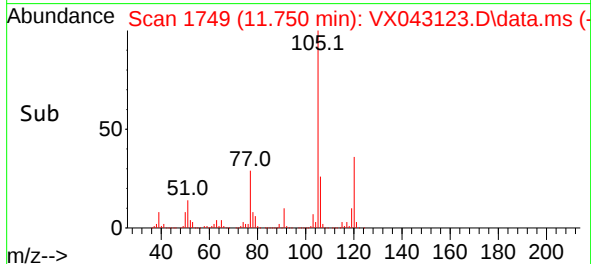
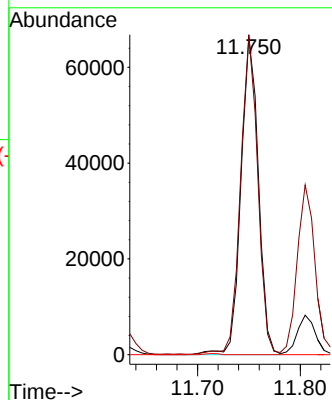
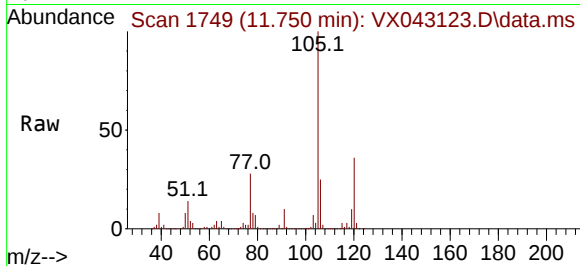




#83
 tert-Butylbenzene
 Concen: 14.526 ug/l
 RT: 11.750 min Scan# 1743
 Delta R.T. 0.036 min
 Lab File: VX043123.D
 Acq: 24 Sep 2024 15:26

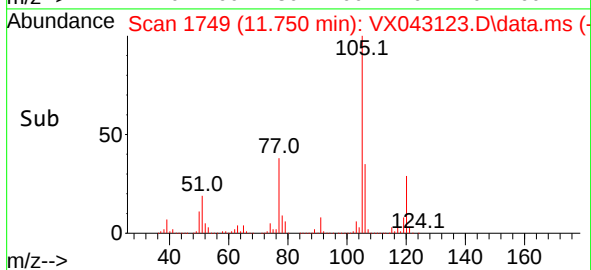
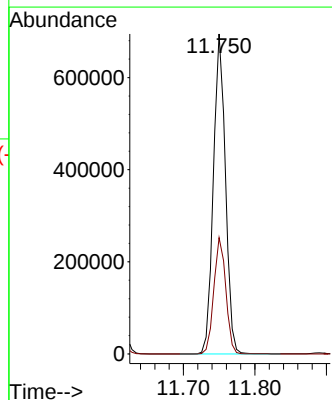
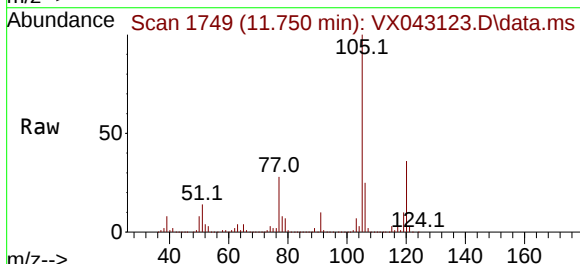
Instrument :
 MSVOA_X
 ClientSampleId :

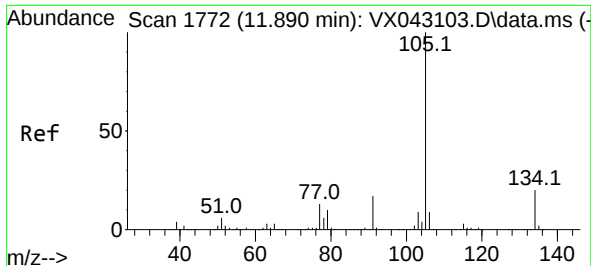
Tgt Ion:119 Resp: 78441
 Ion Ratio Lower Upper
 119 100
 91 99.1 31.8 95.3#
 134 0.0 11.6 34.7#



#84
 1,2,4-Trimethylbenzene
 Concen: 156.031 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. -0.000 min
 Lab File: VX043123.D
 Acq: 24 Sep 2024 15:26

Tgt Ion:105 Resp: 813526
 Ion Ratio Lower Upper
 105 100
 120 36.0 21.8 65.4





#85

sec-Butylbenzene

Concen: 122.572 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.140 min

Lab File: VX043123.D

Acq: 24 Sep 2024 15:26

Instrument :

MSVOA_X

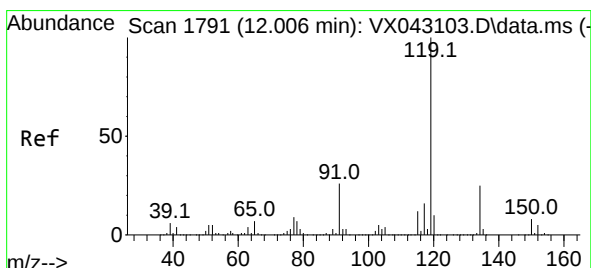
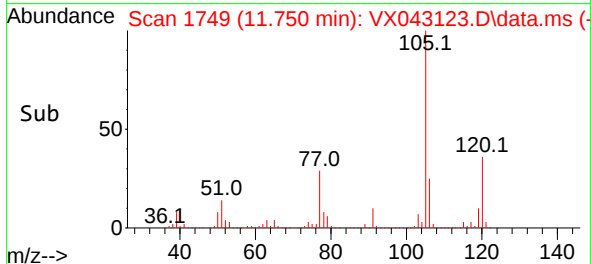
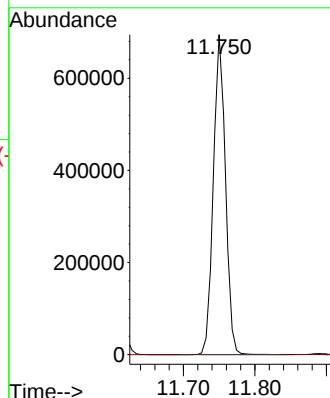
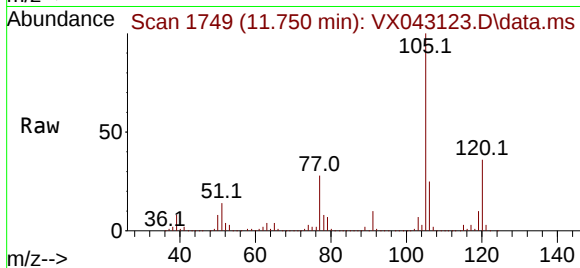
ClientSampleId :

Tgt Ion:105 Resp: 813526

Ion Ratio Lower Upper

105 100

134 0.0 10.0 29.8#



#86

p-Isopropyltoluene

Concen: 0.690 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VX043123.D

Acq: 24 Sep 2024 15:26

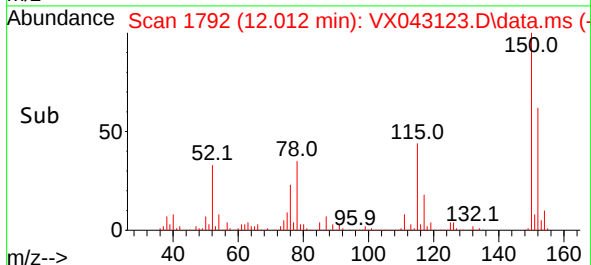
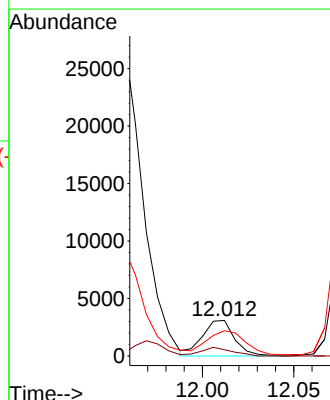
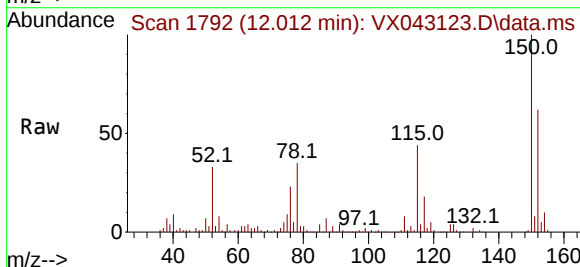
Tgt Ion:119 Resp: 3802

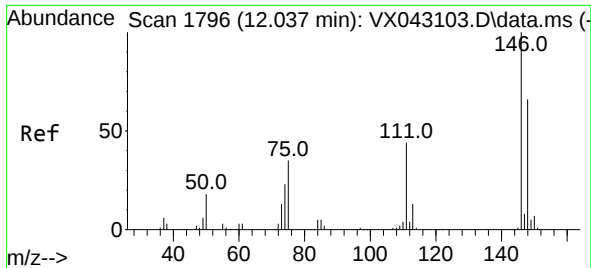
Ion Ratio Lower Upper

119 100

134 23.0 12.9 38.6

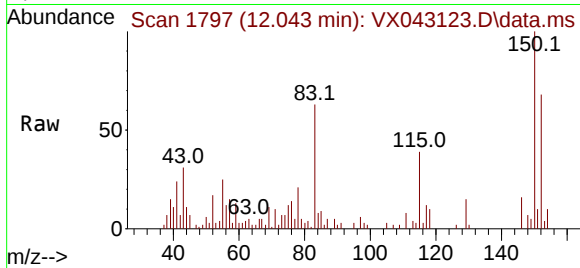
91 76.7 13.3 39.8#



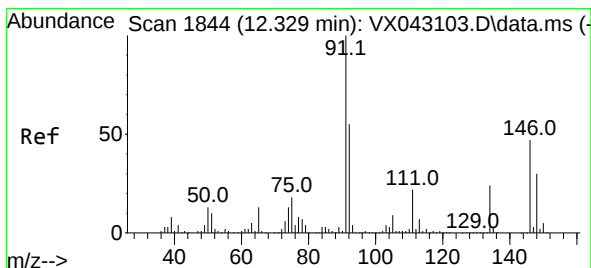
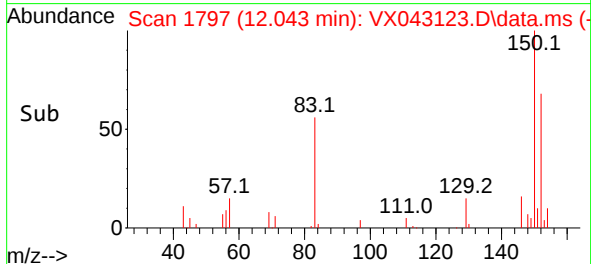
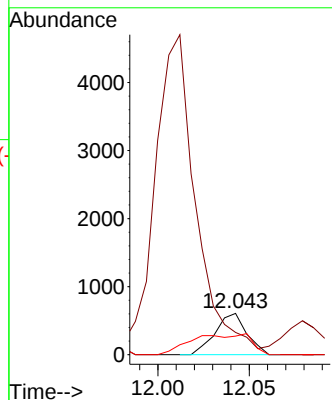


#88
1,4-Dichlorobenzene
Concen: 0.262 ug/l
RT: 12.043 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX043123.D
Acq: 24 Sep 2024 15:26

Instrument :
MSVOA_X
ClientSampleId :

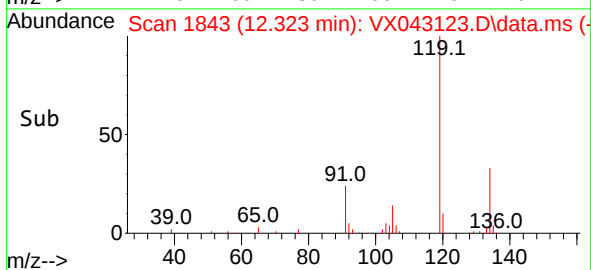
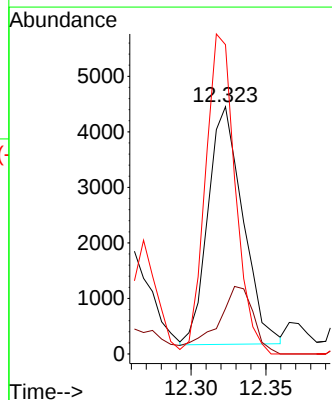
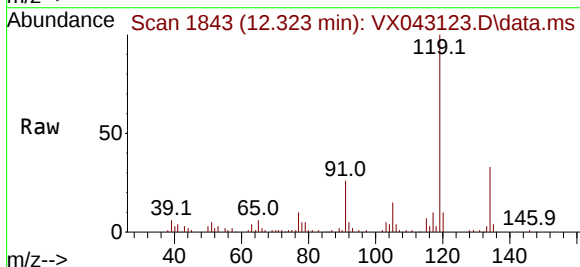


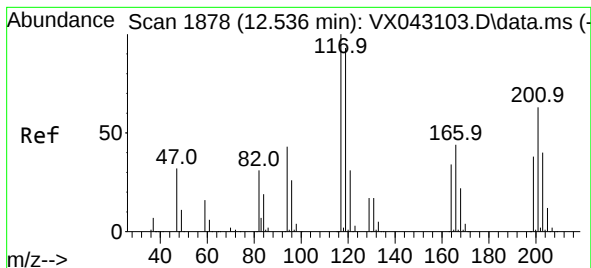
Tgt Ion:146 Resp: 728
Ion Ratio Lower Upper
146 100
111 0.0 21.2 63.6#
148 94.9 32.6 98.0



#89
n-Butylbenzene
Concen: 1.446 ug/l
RT: 12.323 min Scan# 1843
Delta R.T. -0.006 min
Lab File: VX043123.D
Acq: 24 Sep 2024 15:26

Tgt Ion: 91 Resp: 6942
Ion Ratio Lower Upper
91 100
92 29.6 26.9 80.7
134 115.0 12.6 37.6#





#90

Hexachloroethane

Concen: 355.957 ug/l

RT: 12.414 min Scan# 117

Delta R.T. -0.122 min

Lab File: VX043123.D

Acq: 24 Sep 2024 15:26

Instrument :

MSVOA_X

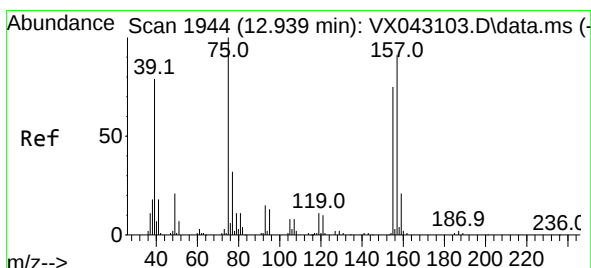
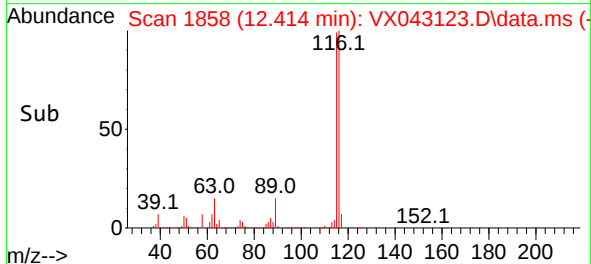
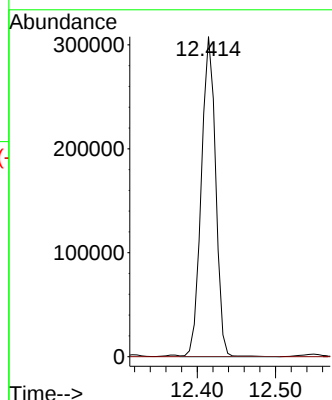
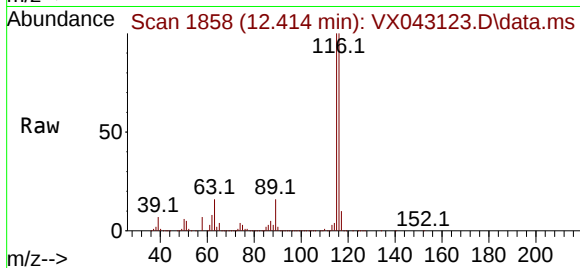
ClientSampleId :

Tgt Ion:117 Resp: 390889

Ion Ratio Lower Upper

117 100

201 0.0 32.9 98.6#



#92

1,2-Dibromo-3-Chloropropane

Concen: 12.429 ug/l

RT: 12.963 min Scan# 1948

Delta R.T. 0.024 min

Lab File: VX043123.D

Acq: 24 Sep 2024 15:26

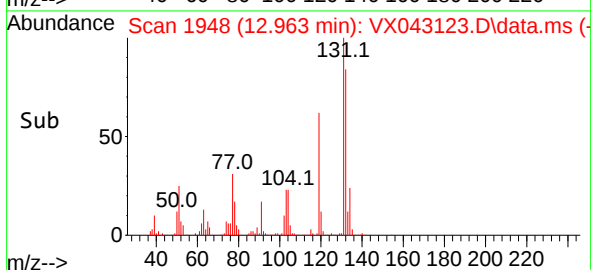
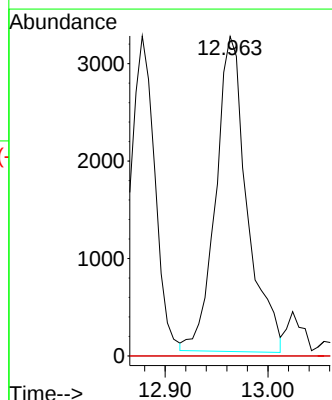
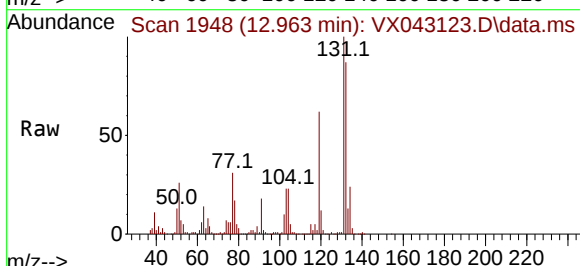
Tgt Ion: 75 Resp: 6849

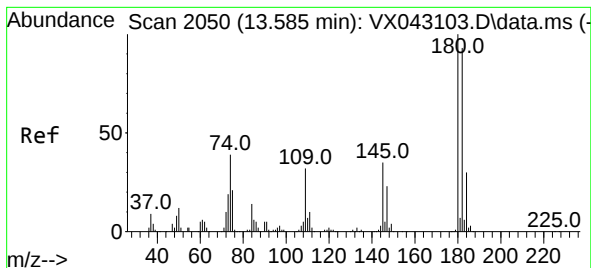
Ion Ratio Lower Upper

75 100

155 0.0 38.6 115.8#

157 0.0 49.2 147.6#





#93

1,2,4-Trichlorobenzene

Concen: 0.385 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX043123.D

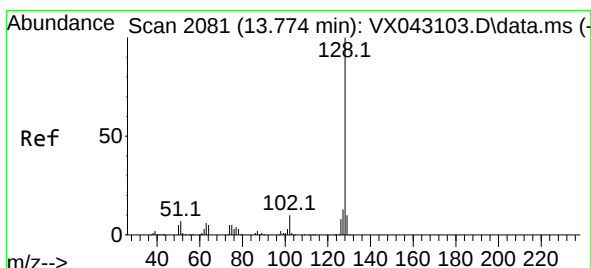
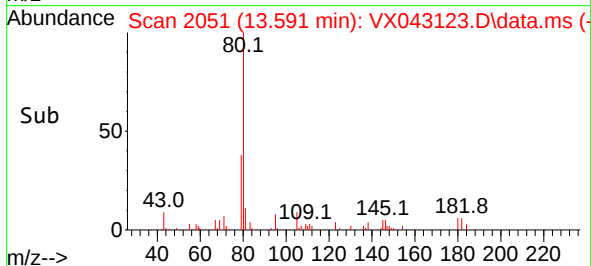
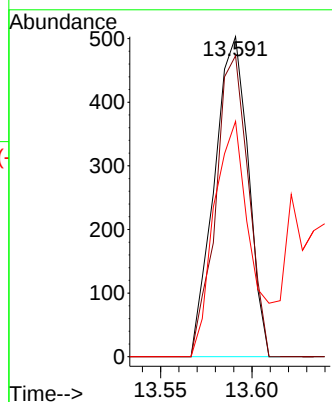
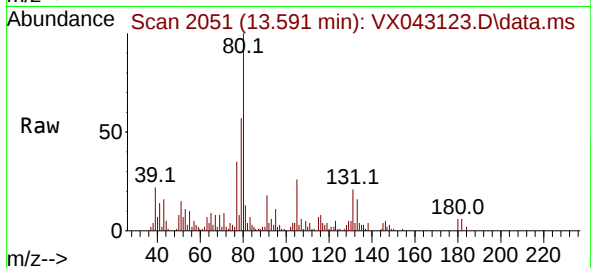
Acq: 24 Sep 2024 15:26

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:180	Resp:	651
Ion Ratio	Lower	Upper
180	100	
182	90.6	46.7 140.0
145	77.9	17.0 50.9#



#95

Naphthalene

Concen: 2378.914 ug/l

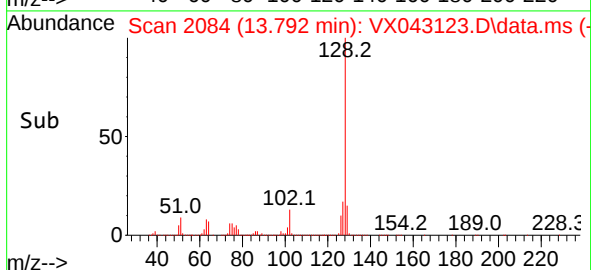
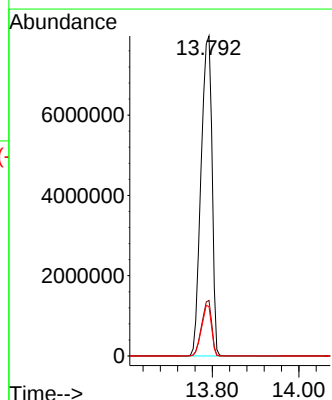
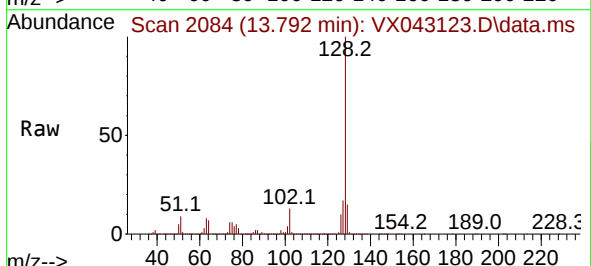
RT: 13.792 min Scan# 2084

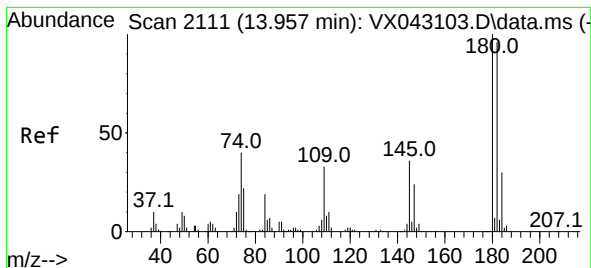
Delta R.T. 0.018 min

Lab File: VX043123.D

Acq: 24 Sep 2024 15:26

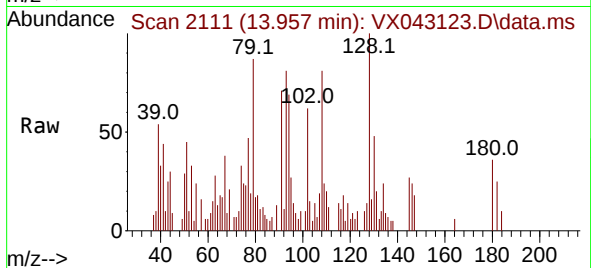
Tgt Ion:128	Resp:13997746
Ion Ratio	Lower Upper
128	100
127	15.8 10.2 15.4#
129	14.3 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.292 ug/l
 RT: 13.957 min Scan# 2111
 Delta R.T. -0.000 min
 Lab File: VX043123.D
 Acq: 24 Sep 2024 15:26

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	180	Resp:	491
Ion Ratio	Lower	Upper	
180	100		
182	96.7	47.8	143.4
145	99.8	17.7	53.1#

