

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061224\
 Data File : VU059222.D
 Acq On : 12 Jun 2024 14:38
 Operator : MD/SY
 Sample : P2403-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 13 04:38:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U060524DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jun 13 04:35:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.110	96	44002	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	14368	0.960	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	15209	0.970	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	13459	0.976	ug/l	99
3) Chloromethane	1.515	50	16176	0.975	ug/l	98
4) Vinyl Chloride	1.599	62	16870	1.006	ug/l	93
5) Bromomethane	1.853	94	10668	1.047	ug/l	97
6) Chloroethane	1.930	64	10436	0.967	ug/l	96
7) Trichlorofluoromethane	2.133	101	19777	0.950	ug/l	96
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	10661	0.997	ug/l	98
9) 1,1-Dichloroethene	2.576	96	10749	1.014	ug/l	97
10) Iodomethane	2.718	142	13701	1.025	ug/l	99
11) Allyl Chloride	2.917	41	13675	0.955	ug/l	98
12) Acrylonitrile	3.335	53	1677	0.700	ug/l	# 52
13) Acetone	2.644	43	14340	3.936	ug/l	93
14) Carbon Disulfide	2.788	76	33320	0.986	ug/l	100
15) Methylene Chloride	3.039	84	24437	1.682	ug/l	93
16) trans-1,2-Dichloroethene	3.348	96	11570	1.000	ug/l	97
17) 1,1-Dichloroethane	3.862	63	24227	1.000	ug/l	98
18) 2-Butanone	4.730	43	14152	3.502	ug/l	99
19) Cyclohexane	5.380	56	13973	0.797	ug/l	87
20) Methylcyclohexane	6.756	83	15738	0.894	ug/l	98
21) 2,2-Dichloropropane	4.660	77	16908	0.944	ug/l	# 81
22) cis-1,2-Dichloroethene	4.666	96	12985	1.033	ug/l	96
23) Diethyl Ether	2.370	59	9130	0.919	ug/l	99
24) tert-Butyl Alcohol	3.213	59	1921	3.013	ug/l	# 89
25) Methyl tert-Butyl Ether	3.358	73	25290	0.995	ug/l	98
26) Bromochloromethane	4.972	128	5965	1.124	ug/l	91
27) Chloroform	5.081	83	23575	0.968	ug/l	96
28) 1,1,1-Trichloroethane	5.312	97	19027	0.991	ug/l	99
29) 1,1-Dichloropropene	5.525	75	15387	0.957	ug/l	100
30) Carbon Tetrachloride	5.518	117	15702	0.998	ug/l	97
31) Isopropyl Ether	3.985	45	28727	0.905	ug/l	92
32) Ethyl-t-butyl ether	4.493	59	26344	0.892	ug/l	92
33) Tert-Amyl methyl ether	5.933	73	23579	0.904	ug/l	99
34) Propionitrile	4.804	54	1441	1.556	ug/l	# 84
35) Benzene	5.769	78	50445	0.997	ug/l	95
36) 1,2-Dichloroethane	5.792	62	14944	0.996	ug/l	99
37) Trichloroethene	6.541	130	12467	1.032	ug/l	97
38) 1,2-Dichloropropane	6.785	63	14034	0.977	ug/l	94
39) Methacrylonitrile	4.988	41	3156	0.914	ug/l	# 78
40) Methyl acrylate	4.875	55	4056	0.671	ug/l	# 76
41) Tetrahydrofuran	5.068	42	3129	1.694	ug/l	97
42) 1-Chlorobutane	5.454	56	20002	0.900	ug/l	99
43) Dibromomethane	6.917	93	6516	1.002	ug/l	93
44) Bromodichloromethane	7.100	83	16534	0.981	ug/l	92

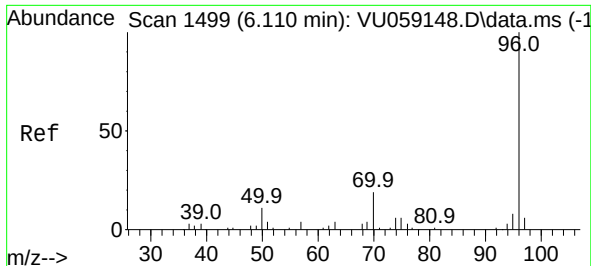
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jun 13 04:35:23 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.788	43	29594	4.244	ug/l	98
46) t-1,4-Dichloro-2-butene	10.820	75	14154	4.784	ug/l #	41
47) Methyl methacrylate	6.962	69	9330	1.670	ug/l	97
48) Ethyl methacrylate	8.332	69	8268	0.838	ug/l	96
49) Toluene	7.965	92	26697	0.958	ug/l	99
50) t-1,3-Dichloropropene	8.209	75	13295	0.922	ug/l	96
51) cis-1,3-Dichloropropene	7.605	75	16830	0.953	ug/l	99
52) 1,1,2-Trichloroethane	8.396	97	9660	1.005	ug/l	97
53) 1,3-Dichloropropane	8.570	76	16225	0.980	ug/l	95
54) 2-Hexanone	8.685	43	21245	3.930	ug/l	90
55) Dibromochloromethane	8.804	129	10936	1.051	ug/l	95
56) 1,2-Dibromoethane	8.923	107	8461	1.004	ug/l	97
58) Tetrachloroethene	8.550	164	12299	1.104	ug/l	91
59) Chlorobenzene	9.444	112	30486	1.000	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.528	131	10963	1.004	ug/l	97
61) Pentachloroethane	11.418	117	7987	0.943	ug/l	100
62) Hexachloroethane	12.470	117	8023	0.932	ug/l	97
63) Ethyl Benzene	9.566	91	46146	0.897	ug/l	98
64) m/p-Xylenes	9.688	106	33104	1.706	ug/l	98
65) o-Xylene	10.097	106	16985	0.887	ug/l	98
66) Styrene	10.113	104	26512	0.867	ug/l	98
67) Bromoform	10.287	173	5971	1.060	ug/l #	96
69) Isopropylbenzene	10.479	105	42815	0.873	ug/l	96
70) 1,1,2,2-Tetrachloroethane	10.775	83	12196	1.009	ug/l	99
71) 1,2,3-Trichloropropane	10.820	75	14154	1.535	ug/l #	77
72) Bromobenzene	10.778	156	11637	0.990	ug/l	87
73) n-propylbenzene	10.901	120	10693	0.816	ug/l	89
74) 2-Chlorotoluene	10.984	126	11448	0.955	ug/l	87
75) 1,3,5-Trimethylbenzene	11.084	105	34863	0.841	ug/l	99
76) 4-Chlorotoluene	11.094	126	11137	0.889	ug/l	96
77) tert-Butylbenzene	11.415	119	33685	0.856	ug/l	98
78) 1,2,4-Trimethylbenzene	11.463	105	35516	0.849	ug/l	100
79) sec-Butylbenzene	11.637	105	46721	0.855	ug/l	98
80) Nitrobenzene	13.232	77	1077	4.163	ug/l #	58
81) p-Isopropyltoluene	11.788	119	34426	0.821	ug/l	97
82) 1,3-Dichlorobenzene	11.743	146	24185	0.971	ug/l	99
83) 1,4-Dichlorobenzene	11.833	146	24243	0.973	ug/l	98
84) n-Butylbenzene	12.206	91	32978	0.836	ug/l	96
85) 1,2-Dichlorobenzene	12.209	146	23784	1.012	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	12.997	75	1406	0.855	ug/l	94
87) 1,2,4-Trichlorobenzene	13.839	180	12549	0.997	ug/l	98
88) Hexachlorobutadiene	14.013	225	8118	1.033	ug/l	94
89) Naphthalene	14.090	128	16295	0.796	ug/l	98
90) 1,2,3-Trichlorobenzene	14.328	180	10841	0.947	ug/l	97

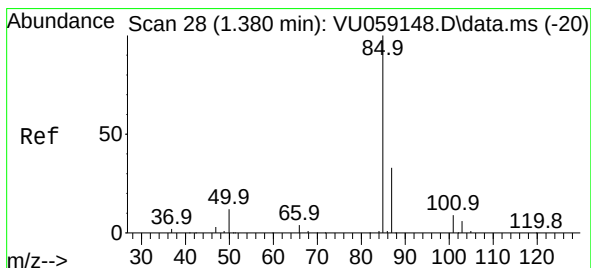
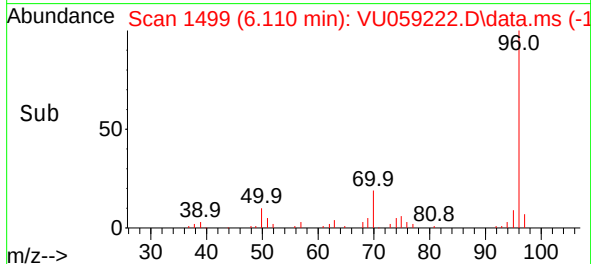
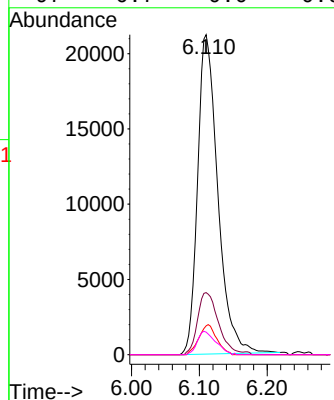
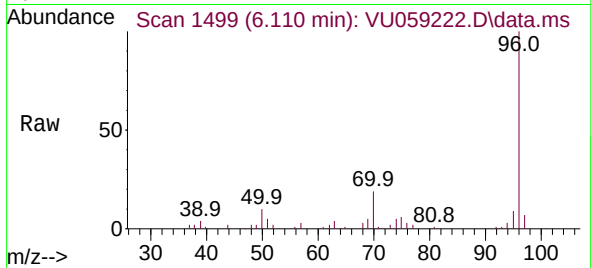
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 1499
Delta R.T. -0.000 min
Lab File: VU059222.D
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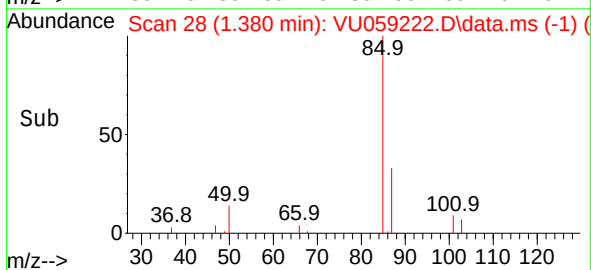
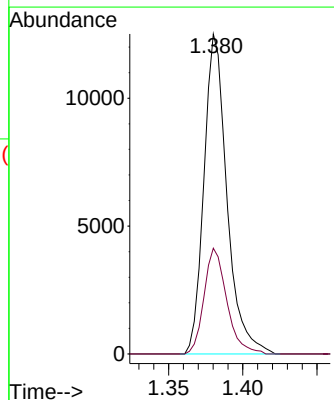
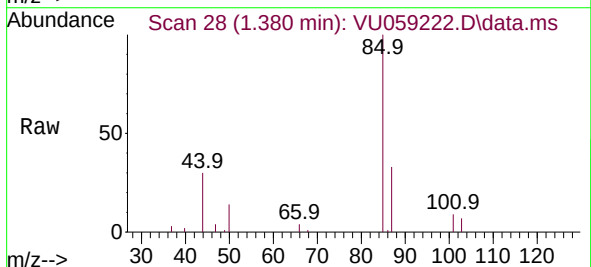
Instrument :
MSVOA_U
ClientSampleId :

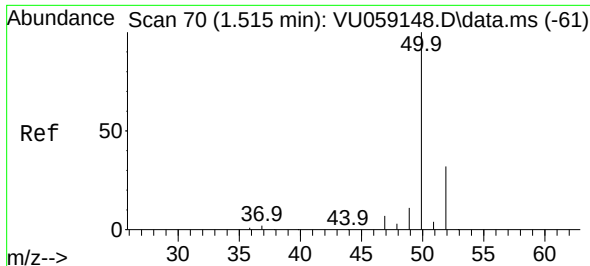
Tgt Ion: 96	Resp: 44002
Ion Ratio	Lower Upper
96 100	
70 19.0	16.6 24.8
95 8.3	7.1 10.7
97 6.7	0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 0.976 ug/l
RT: 1.380 min Scan# 28
Delta R.T. 0.000 min
Lab File: VU059222.D
Acq: 12 Jun 2024 14:38

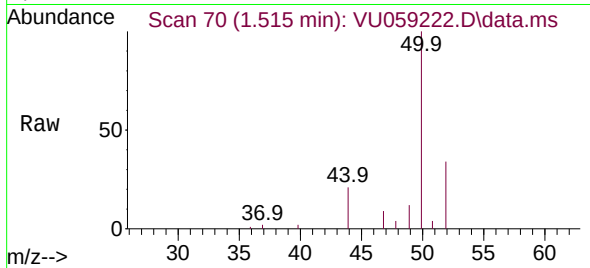
Tgt Ion: 85	Resp: 13459
Ion Ratio	Lower Upper
85 100	
87 33.0	16.3 48.9



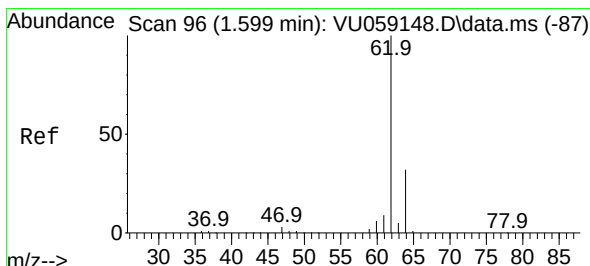
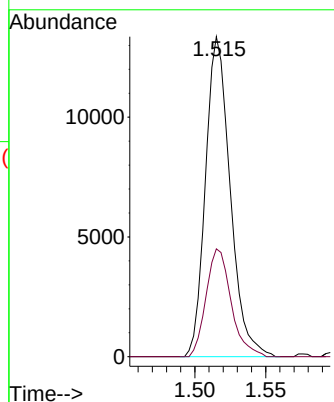
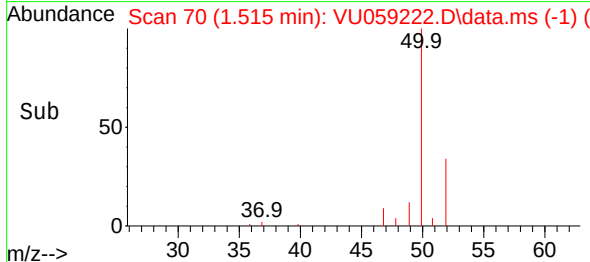


#3
Chloromethane
Concen: 0.975 ug/l
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU059222.D
Acq: 12 Jun 2024 14:38

Instrument :
MSVOA_U
ClientSampleId :

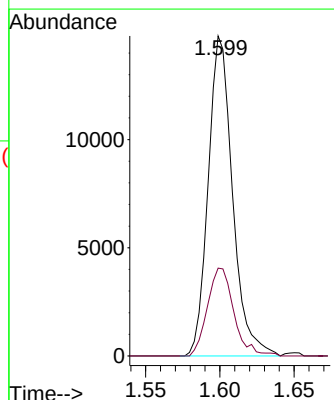
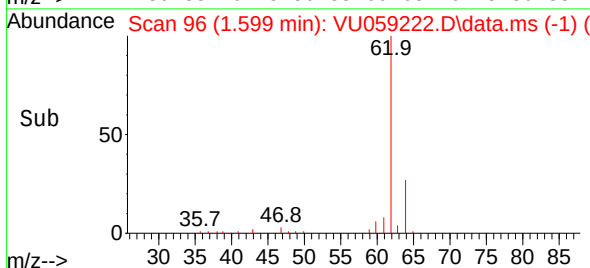
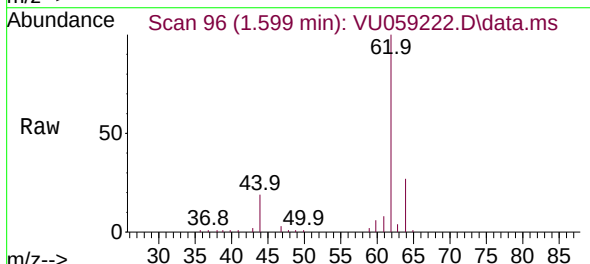


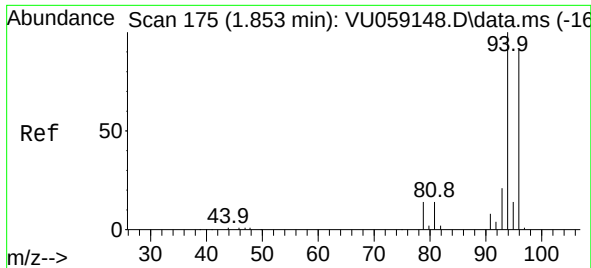
Tgt Ion: 50 Resp: 16176
Ion Ratio Lower Upper
50 100
52 33.7 26.0 39.0



#4
Vinyl Chloride
Concen: 1.006 ug/l
RT: 1.599 min Scan# 96
Delta R.T. 0.000 min
Lab File: VU059222.D
Acq: 12 Jun 2024 14:38

Tgt Ion: 62 Resp: 16870
Ion Ratio Lower Upper
62 100
64 27.4 25.2 37.8

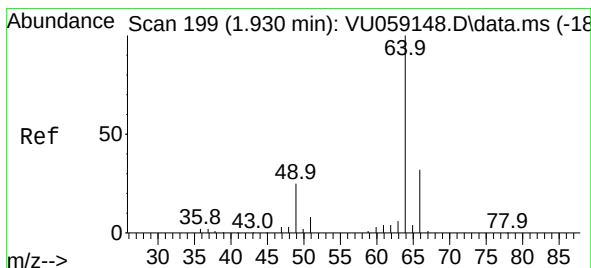
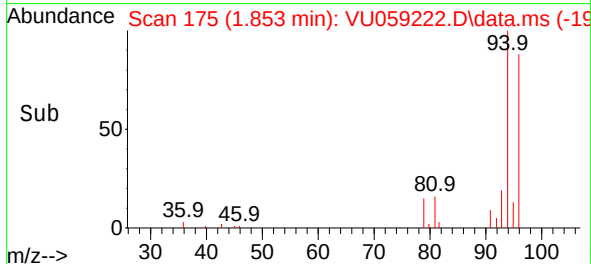
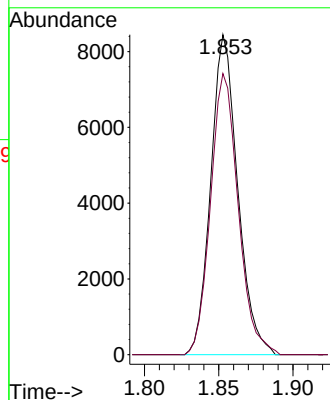
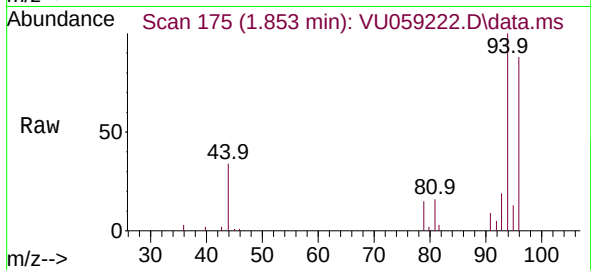




#5
Bromomethane
Concen: 1.047 ug/l
RT: 1.853 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU059222.D
Acq: 12 Jun 2024 14:38

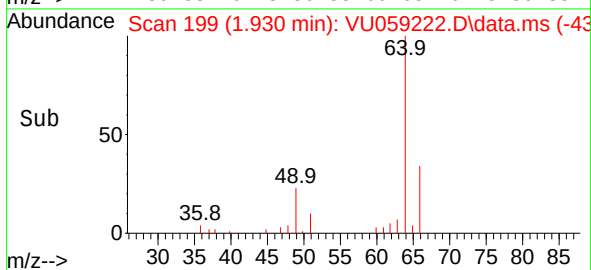
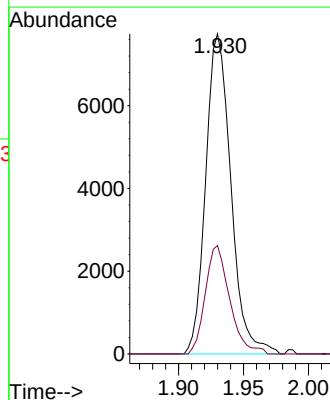
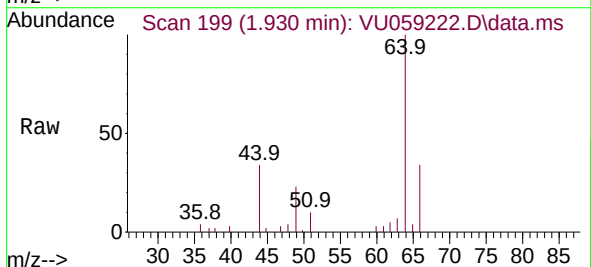
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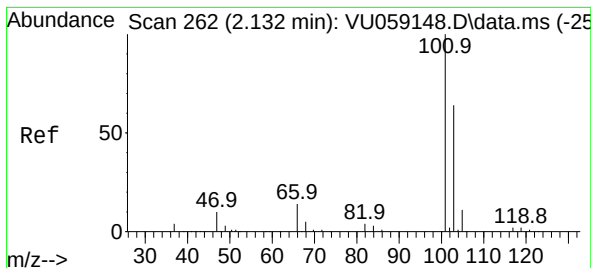
Tgt Ion: 94 Resp: 10668
Ion Ratio Lower Upper
94 100
96 87.9 72.7 109.1



#6
Chloroethane
Concen: 0.967 ug/l
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU059222.D
Acq: 12 Jun 2024 14:38

Tgt Ion: 64 Resp: 10436
Ion Ratio Lower Upper
64 100
66 33.9 25.5 38.3

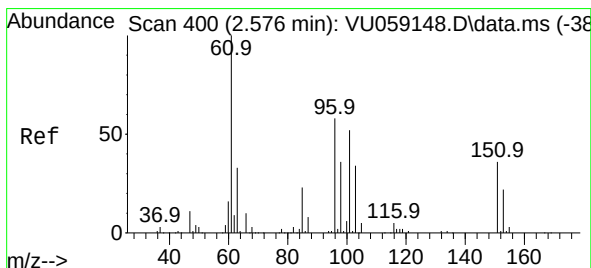
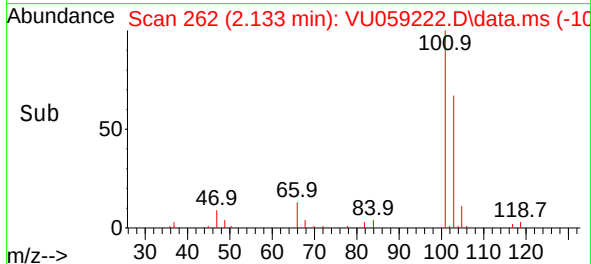
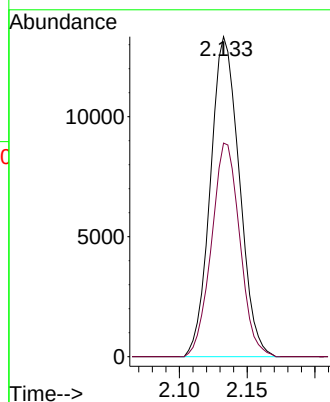
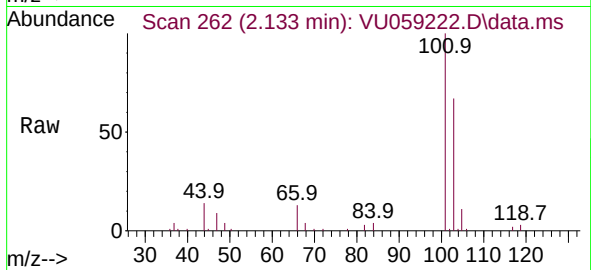




#7
Trichlorofluoromethane
Concen: 0.950 ug/l
RT: 2.133 min Scan# 20
Delta R.T. 0.000 min
Lab File: VU059222.D
Acq: 12 Jun 2024 14:38

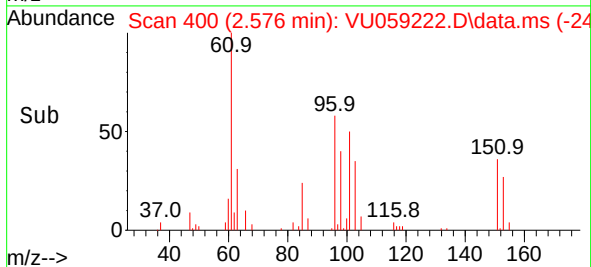
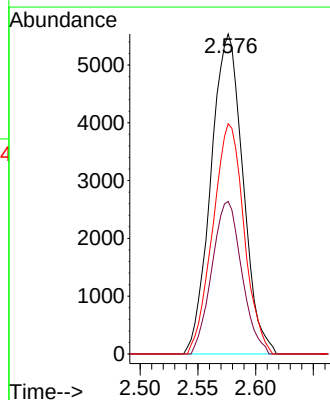
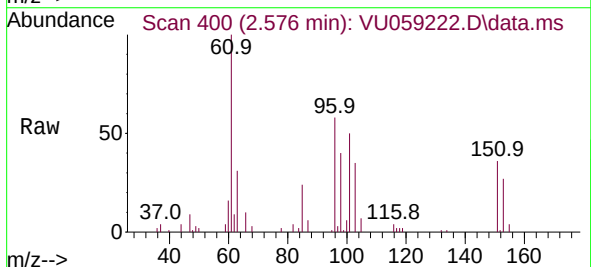
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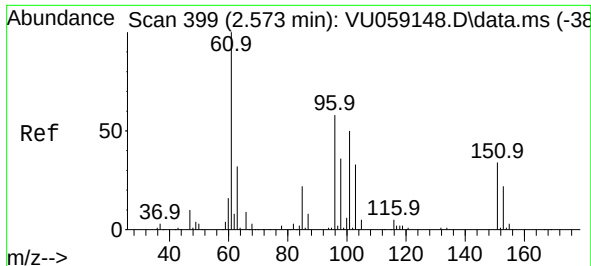
Tgt Ion:101 Resp: 19777
Ion Ratio Lower Upper
101 100
103 66.8 51.1 76.7



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.997 ug/l
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU059222.D
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Tgt Ion:101 Resp: 10661
Ion Ratio Lower Upper
101 100
85 44.5 36.1 54.1
151 70.4 55.0 82.6





#9

1,1-Dichloroethene

Concen: 1.014 ug/l

RT: 2.576 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU059222.D

Acq: 12 Jun 2024 14:38

Instrument :

MSVOA_U

ClientSampleId :

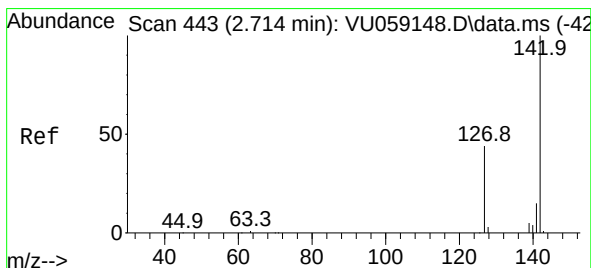
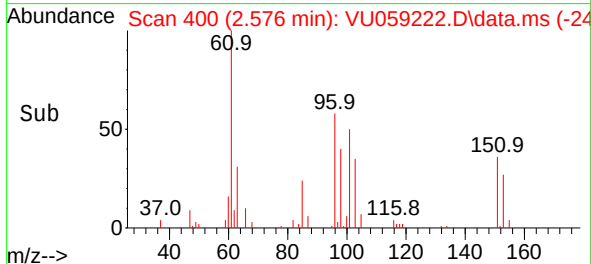
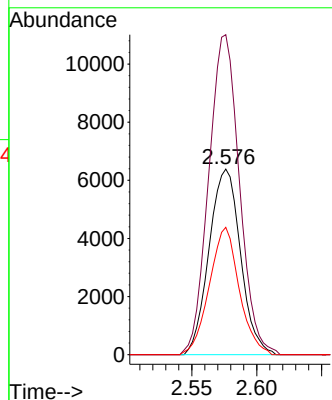
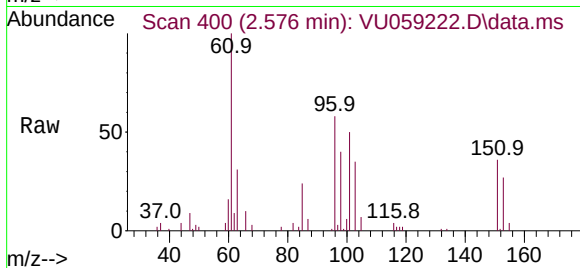
Tgt Ion: 96 Resp: 10749

Ion Ratio Lower Upper

96 100

61 172.4 0.0 515.4

98 68.7 0.0 124.4



#10

Iodomethane

Concen: 1.025 ug/l

RT: 2.718 min Scan# 444

Delta R.T. 0.004 min

Lab File: VU059222.D

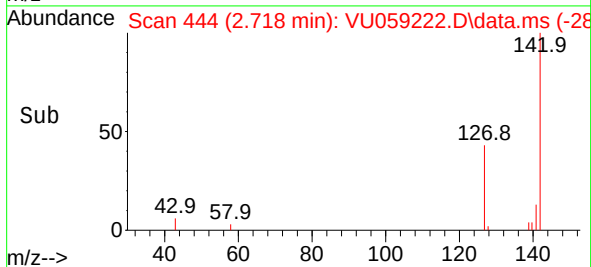
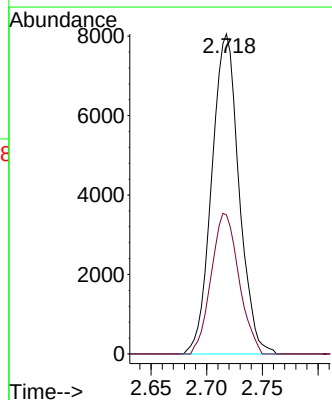
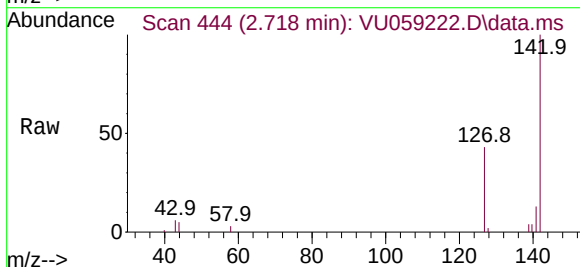
Acq: 12 Jun 2024 14:38

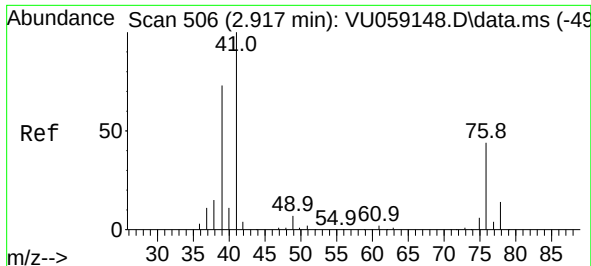
Tgt Ion: 142 Resp: 13701

Ion Ratio Lower Upper

142 100

127 44.6 36.2 54.4





#11

Allyl Chloride

Concen: 0.955 ug/l

RT: 2.917 min Scan# 506

Delta R.T. 0.000 min

Lab File: VU059222.D

Acq: 12 Jun 2024 14:38

Instrument :

MSVOA_U

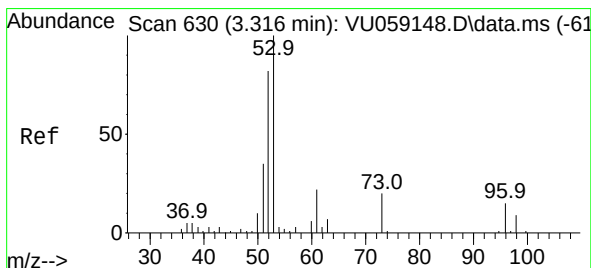
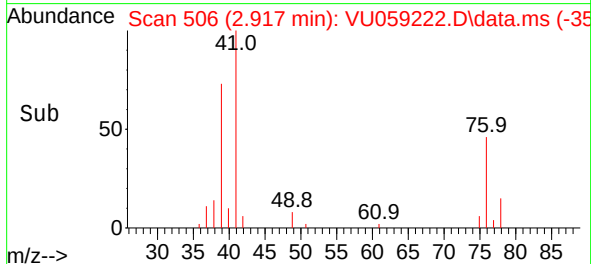
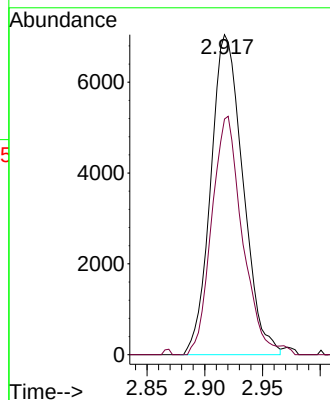
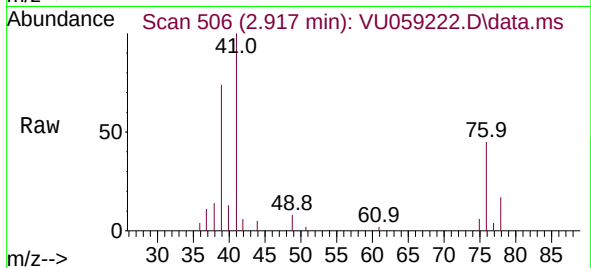
ClientSampleId :

Tgt Ion: 41 Resp: 13675

Ion Ratio Lower Upper

41 100

39 71.3 58.1 87.1



#12

Acrylonitrile

Concen: 0.700 ug/l

RT: 3.335 min Scan# 636

Delta R.T. 0.019 min

Lab File: VU059222.D

Acq: 12 Jun 2024 14:38

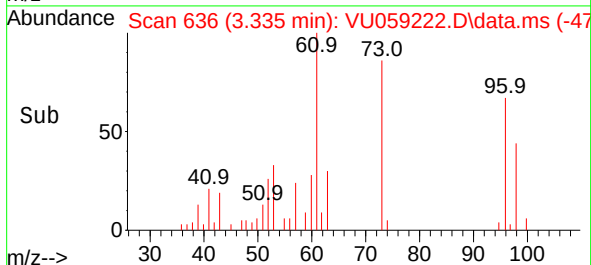
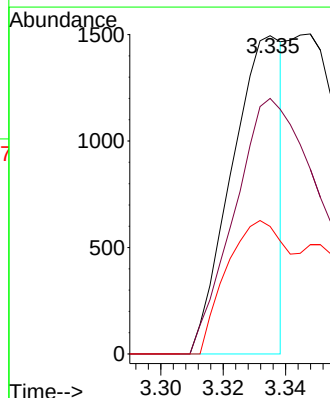
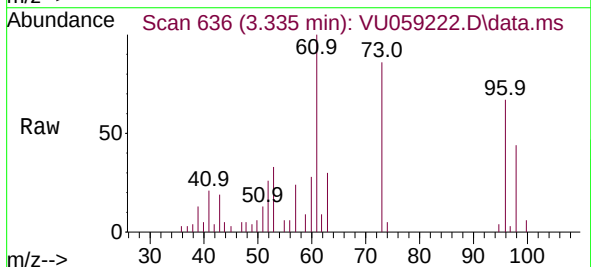
Tgt Ion: 53 Resp: 1677

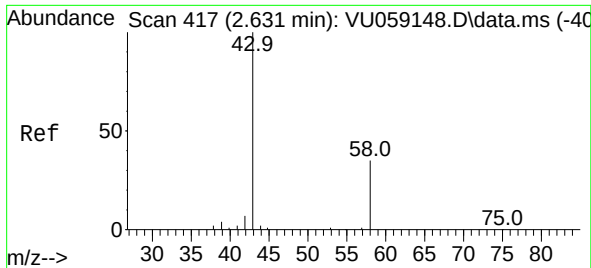
Ion Ratio Lower Upper

53 100

52 138.2 64.2 96.4#

51 49.6 33.0 49.4#





#13

Acetone

Concen: 3.936 ug/l

RT: 2.644 min Scan# 417

Delta R.T. 0.013 min

Lab File: VU059222.D

Acq: 12 Jun 2024 14:38

Instrument :

MSVOA_U

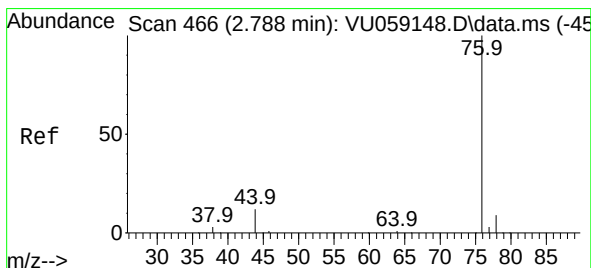
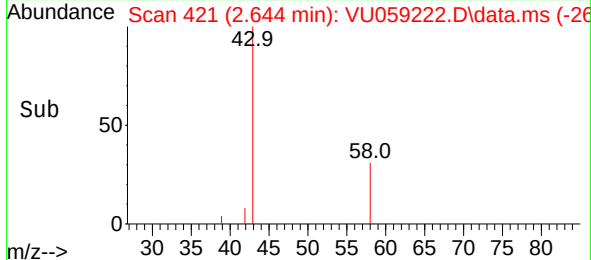
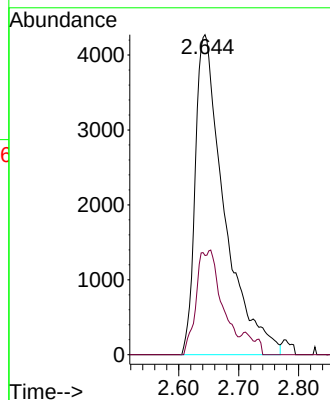
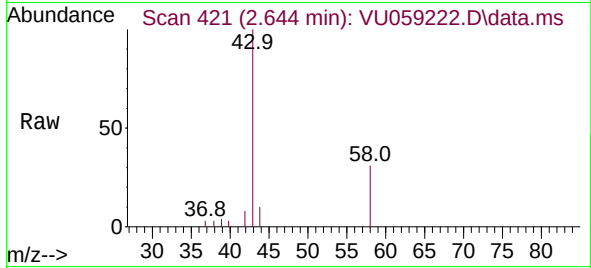
ClientSampleId :

Tgt Ion: 43 Resp: 14340

Ion Ratio Lower Upper

43 100

58 31.0 27.9 41.9



#14

Carbon Disulfide

Concen: 0.986 ug/l

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU059222.D

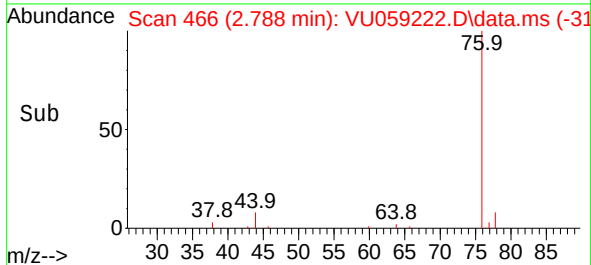
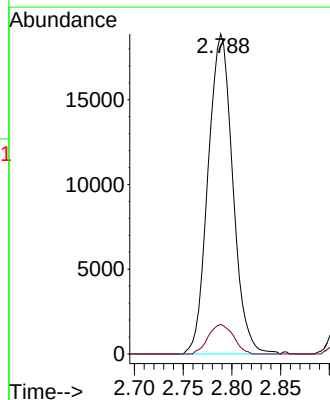
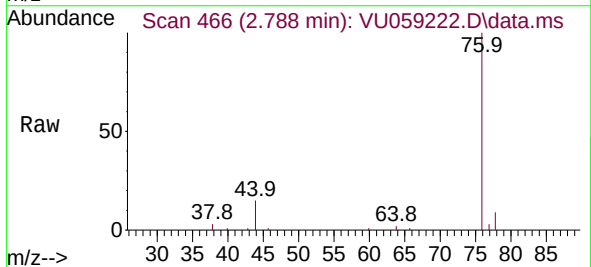
Acq: 12 Jun 2024 14:38

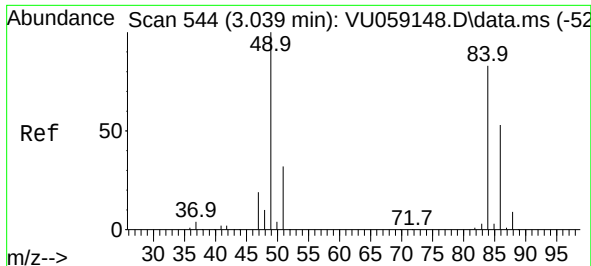
Tgt Ion: 76 Resp: 33320

Ion Ratio Lower Upper

76 100

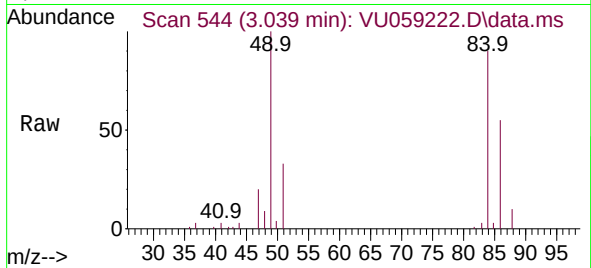
78 9.2 7.3 10.9



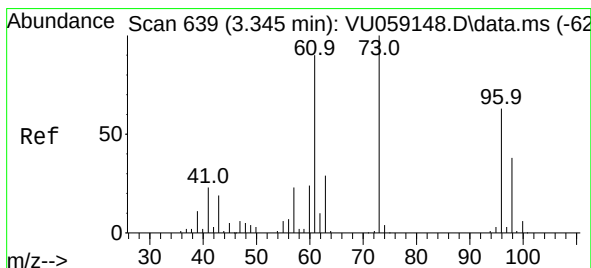
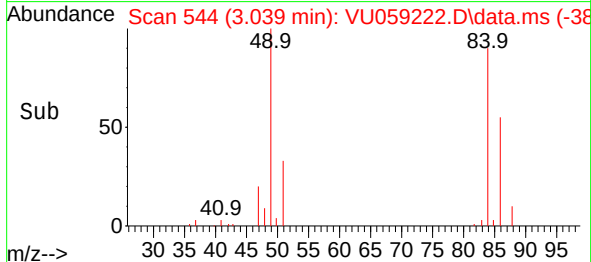
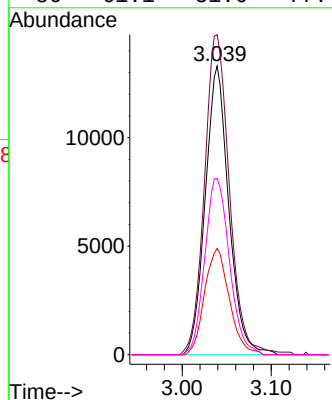


#15
Methylene Chloride
Concen: 1.682 ug/l
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU059222.D
Acq: 12 Jun 2024 14:38

Instrument :
MSVOA_U
ClientSampleId :

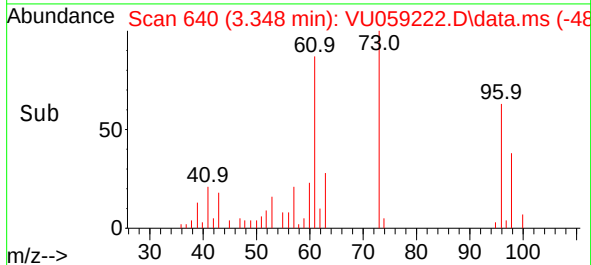
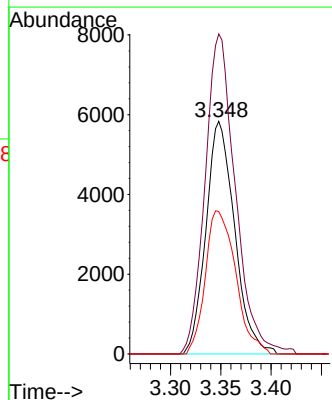
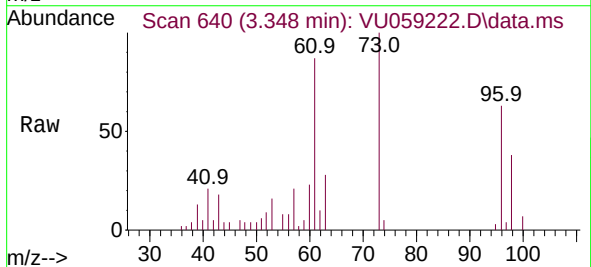


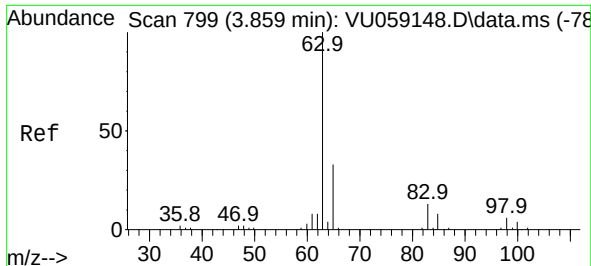
Tgt Ion:	84	Resp:	24437
Ion	Ratio	Lower	Upper
84	100		
49	110.9	96.7	145.1
51	36.8	0.0	76.8
86	61.1	51.6	77.4



#16
trans-1,2-Dichloroethene
Concen: 1.000 ug/l
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU059222.D
Acq: 12 Jun 2024 14:38

Tgt Ion:	96	Resp:	11570
Ion	Ratio	Lower	Upper
96	100		
61	137.6	114.8	172.2
98	61.2	48.8	73.2

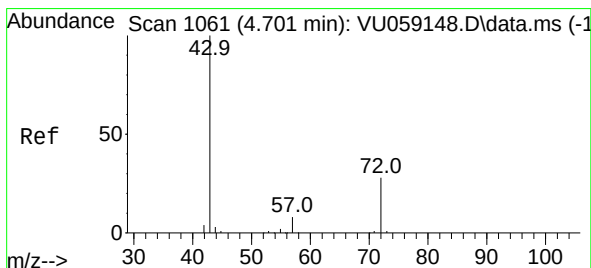
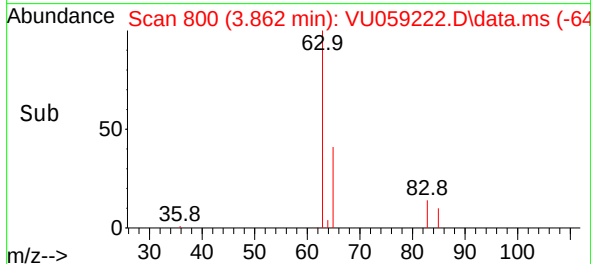
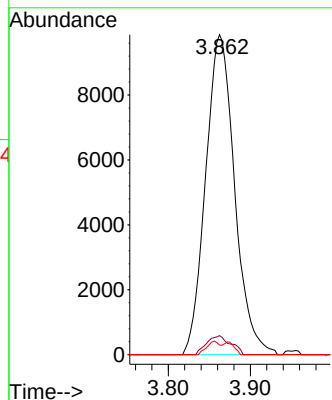
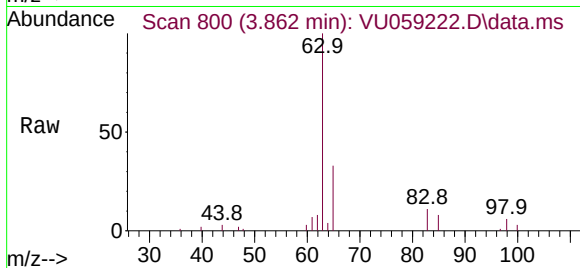




#17
1,1-Dichloroethane
Concen: 1.000 ug/l
RT: 3.862 min Scan# 80
Delta R.T. 0.003 min
Lab File: VU059222.D
Acq: 12 Jun 2024 14:38

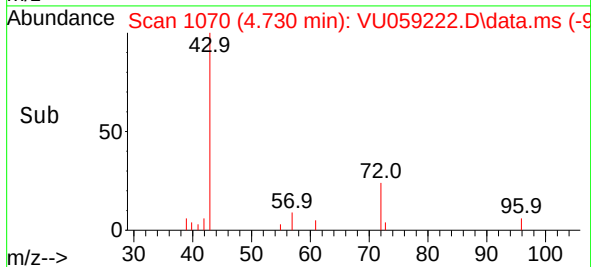
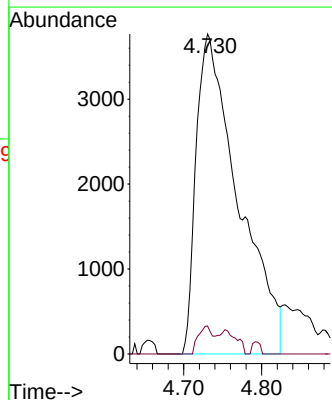
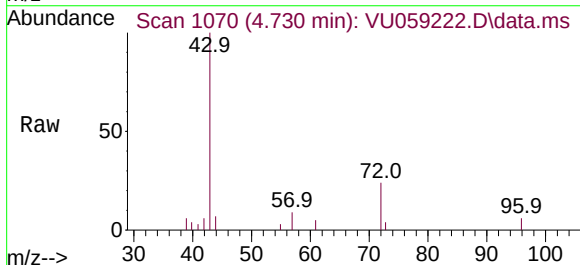
Instrument :
MSVOA_U
ClientSampleId :

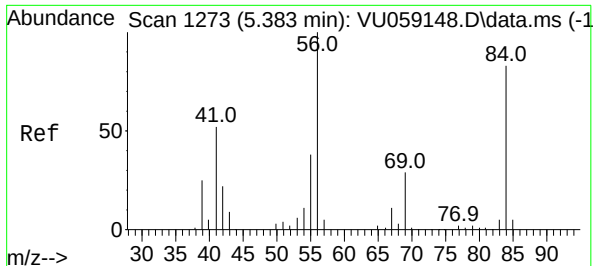
Tgt Ion: 63 Resp: 24227
Ion Ratio Lower Upper
63 100
98 6.0 3.2 9.6
100 3.0 2.1 6.5



#18
2-Butanone
Concen: 3.502 ug/l
RT: 4.730 min Scan# 1070
Delta R.T. 0.029 min
Lab File: VU059222.D
Acq: 12 Jun 2024 14:38

Tgt Ion: 43 Resp: 14152
Ion Ratio Lower Upper
43 100
57 8.8 0.0 16.8





#19

Cyclohexane

Concen: 0.797 ug/l

RT: 5.380 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU059222.D

Acq: 12 Jun 2024 14:38

Instrument :

MSVOA_U

ClientSampleId :

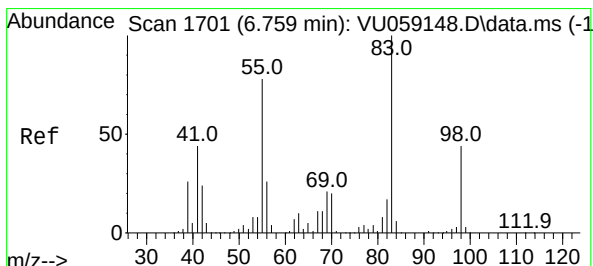
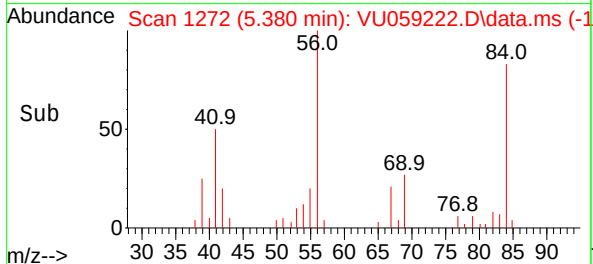
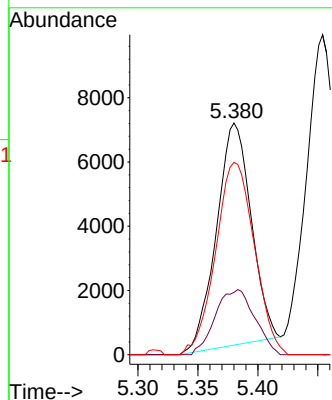
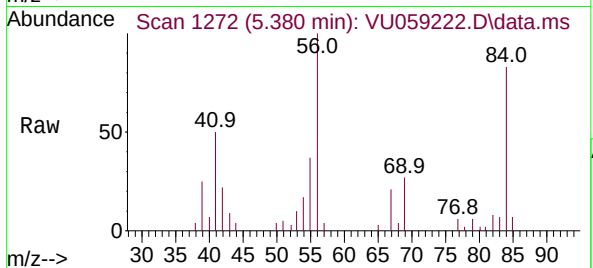
Tgt Ion: 56 Resp: 13973

Ion Ratio Lower Upper

56 100

69 33.1 23.5 35.3

84 96.3 66.5 99.7



#20

Methylcyclohexane

Concen: 0.894 ug/l

RT: 6.756 min Scan# 1700

Delta R.T. -0.003 min

Lab File: VU059222.D

Acq: 12 Jun 2024 14:38

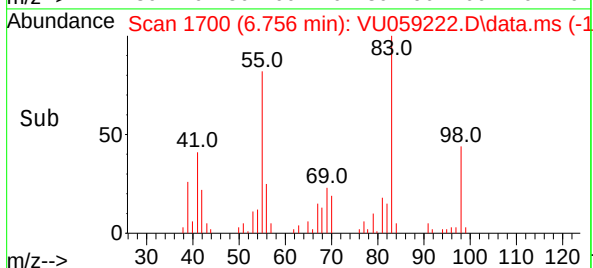
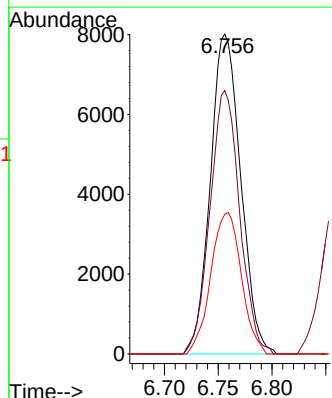
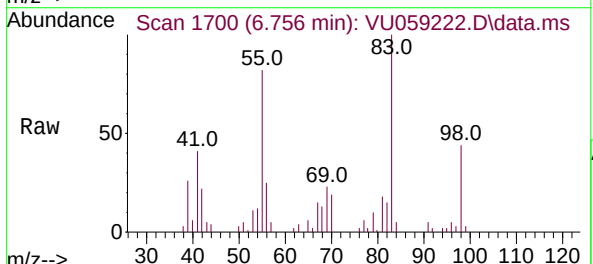
Tgt Ion: 83 Resp: 15738

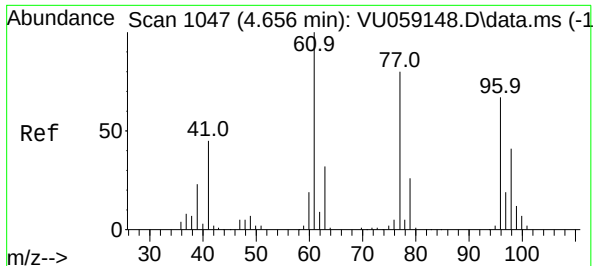
Ion Ratio Lower Upper

83 100

55 80.7 62.7 94.1

98 44.4 35.1 52.7

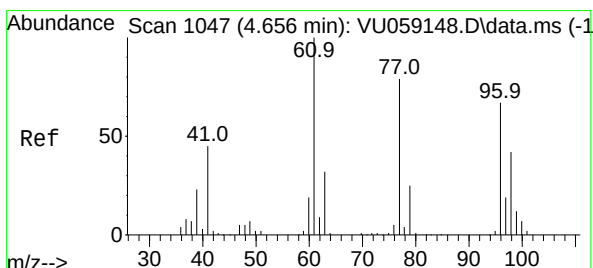
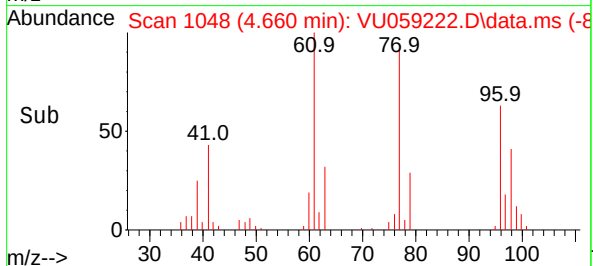
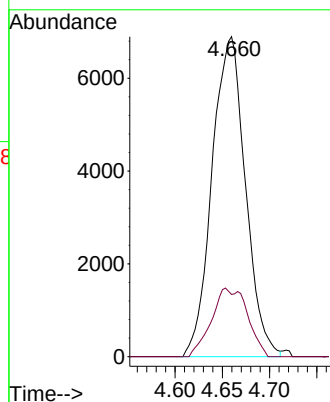
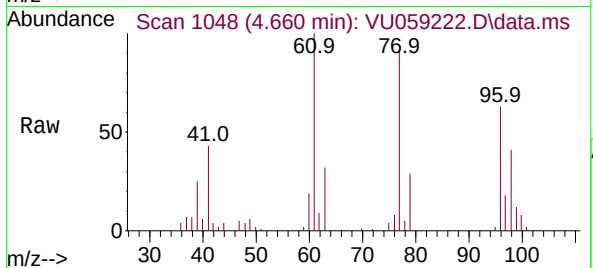




#21
2,2-Dichloropropane
Concen: 0.944 ug/l
RT: 4.660 min Scan# 1050
Delta R.T. 0.003 min
Lab File: VU059222.D
Acq: 12 Jun 2024 14:38

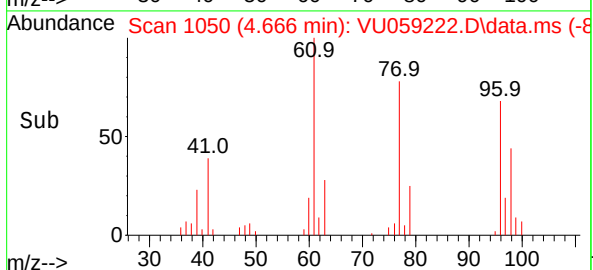
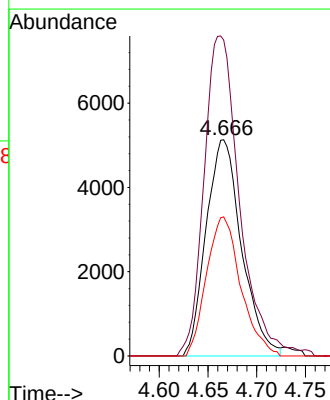
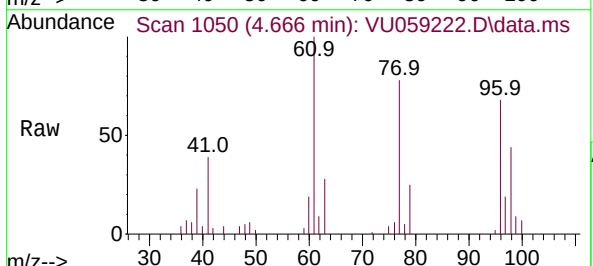
Instrument :
MSVOA_U
ClientSampleId :

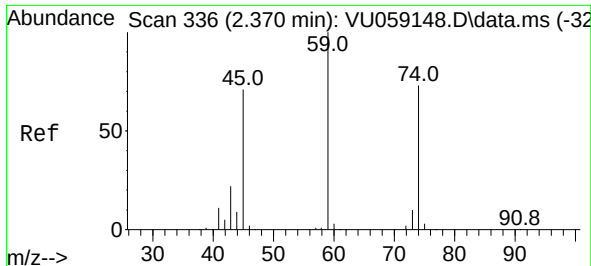
Tgt Ion: 77 Resp: 16908
Ion Ratio Lower Upper
77 100
97 13.2 18.1 27.1#



#22
cis-1,2-Dichloroethene
Concen: 1.033 ug/l
RT: 4.666 min Scan# 1050
Delta R.T. 0.010 min
Lab File: VU059222.D
Acq: 12 Jun 2024 14:38

Tgt Ion: 96 Resp: 12985
Ion Ratio Lower Upper
96 100
61 148.9 0.0 388.5
98 62.1 31.8 95.3





#23

Diethyl Ether

Concen: 0.919 ug/l

RT: 2.370 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU059222.D

Acq: 12 Jun 2024 14:38

Instrument :

MSVOA_U

ClientSampleId :

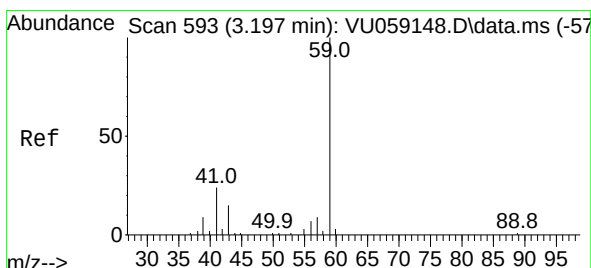
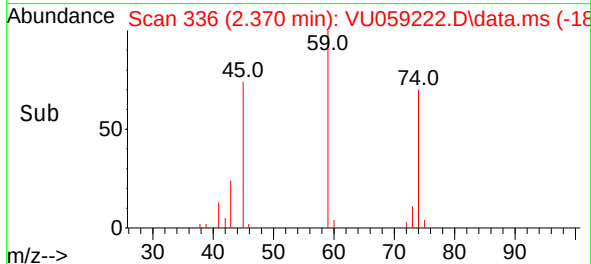
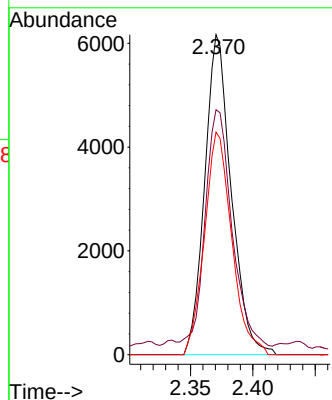
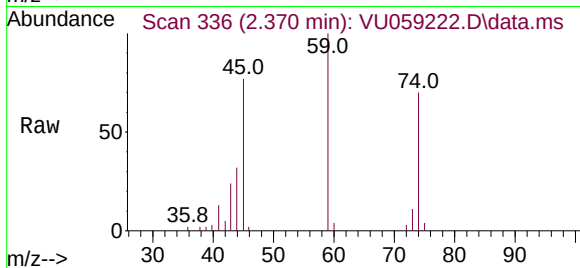
Tgt Ion: 59 Resp: 9130

Ion Ratio Lower Upper

59 100

45 74.2 58.8 88.2

74 71.6 58.0 87.0



#24

tert-Butyl Alcohol

Concen: 3.013 ug/l

RT: 3.213 min Scan# 598

Delta R.T. 0.016 min

Lab File: VU059222.D

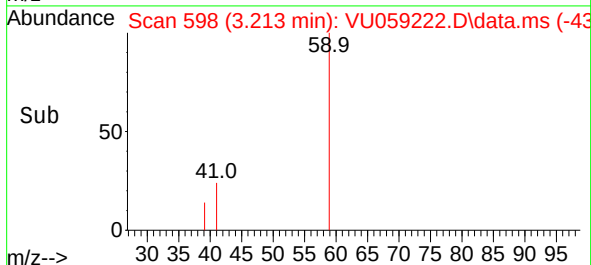
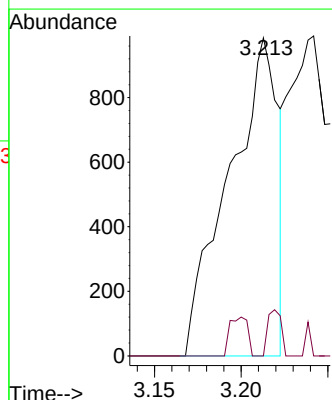
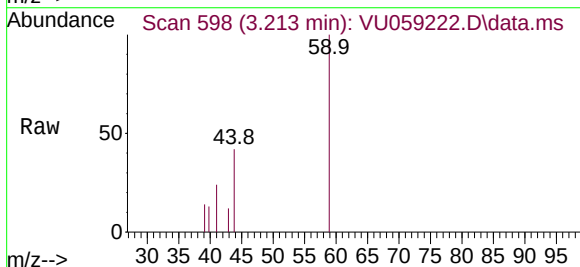
Acq: 12 Jun 2024 14:38

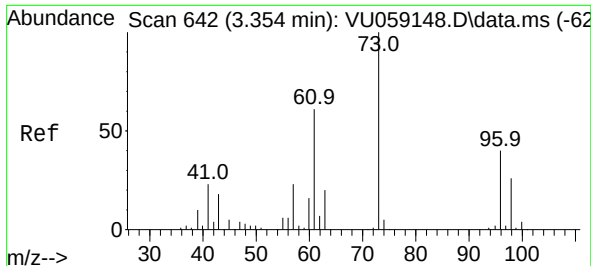
Tgt Ion: 59 Resp: 1921

Ion Ratio Lower Upper

59 100

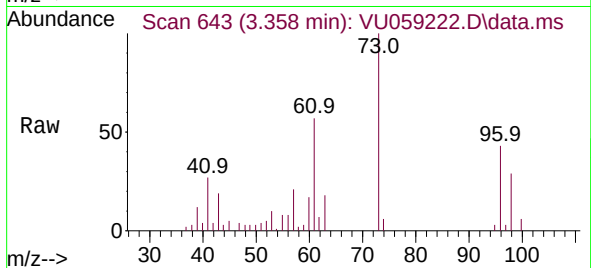
57 0.0 2.9 4.3#



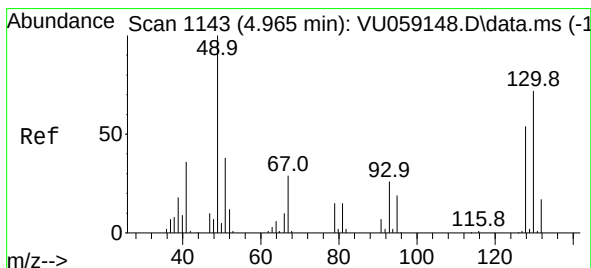
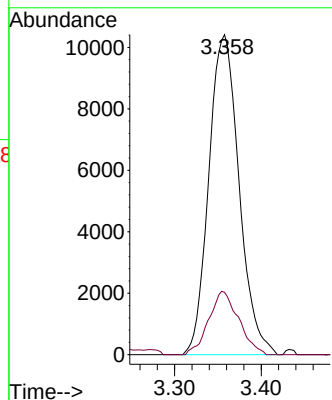
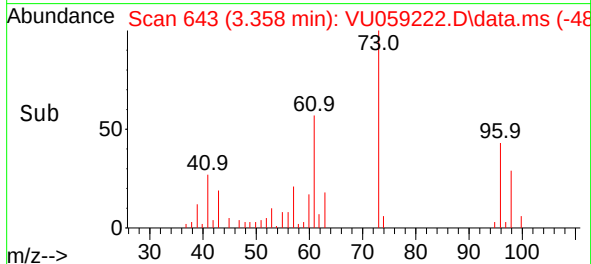


#25
Methyl tert-Butyl Ether
Concen: 0.995 ug/l
RT: 3.358 min Scan# 642
Delta R.T. 0.003 min
Lab File: VU059222.D
Acq: 12 Jun 2024 14:38

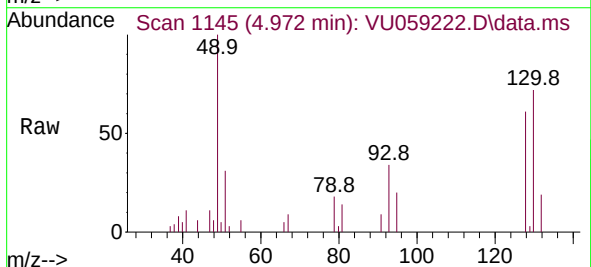
Instrument :
MSVOA_U
ClientSampleId :



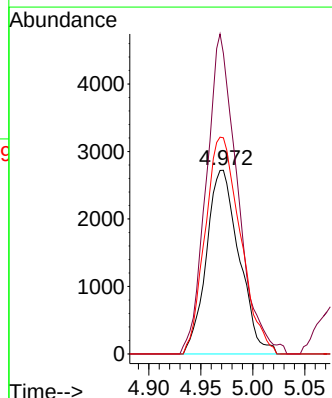
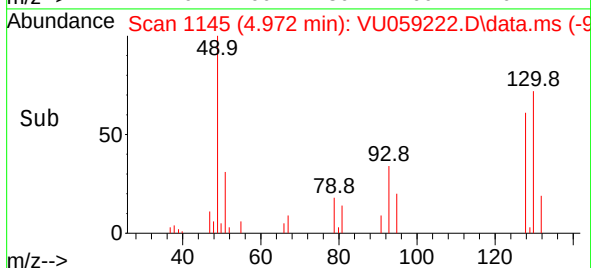
Tgt Ion: 73 Resp: 25290
Ion Ratio Lower Upper
73 100
43 19.7 15.0 22.6

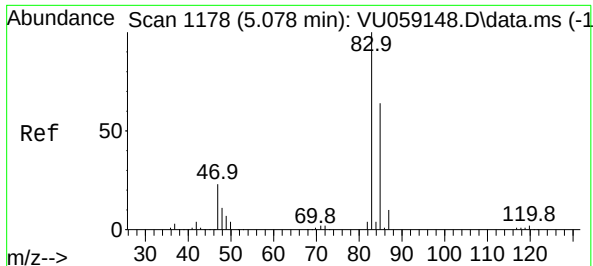


#26
Bromochloromethane
Concen: 1.124 ug/l
RT: 4.972 min Scan# 1145
Delta R.T. 0.007 min
Lab File: VU059222.D
Acq: 12 Jun 2024 14:38



Tgt Ion: 128 Resp: 5965
Ion Ratio Lower Upper
128 100
49 165.9 0.0 371.2
130 126.6 104.1 156.1





#27

Chloroform

Concen: 0.968 ug/l

RT: 5.081 min Scan# 1178

Delta R.T. 0.003 min

Lab File: VU059222.D

Acq: 12 Jun 2024 14:38

Instrument :

MSVOA_U

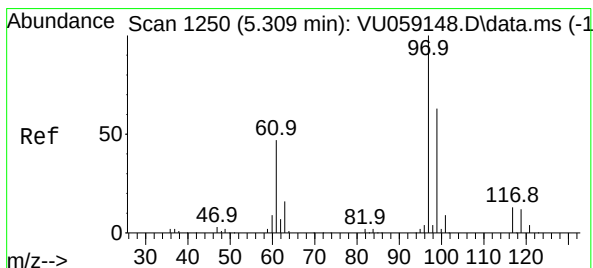
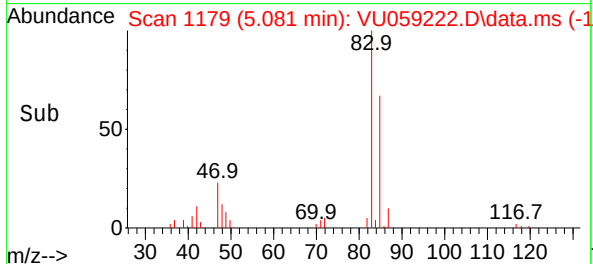
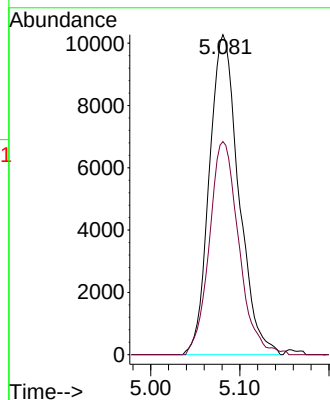
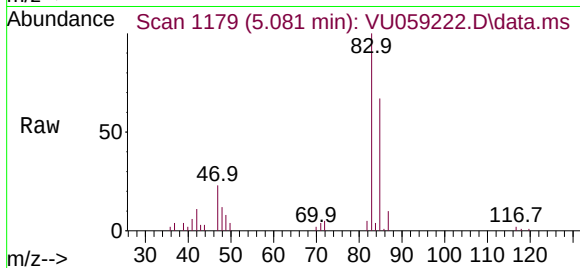
ClientSampleId :

Tgt Ion: 83 Resp: 23575

Ion Ratio Lower Upper

83 100

85 66.6 0.0 127.2



#28

1,1,1-Trichloroethane

Concen: 0.991 ug/l

RT: 5.312 min Scan# 1251

Delta R.T. 0.003 min

Lab File: VU059222.D

Acq: 12 Jun 2024 14:38

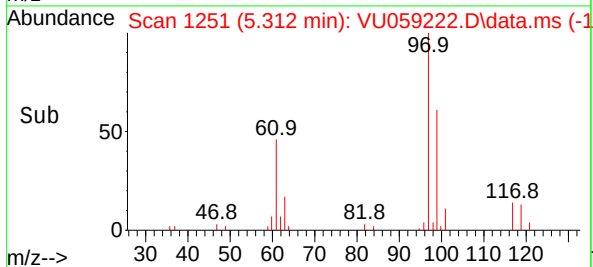
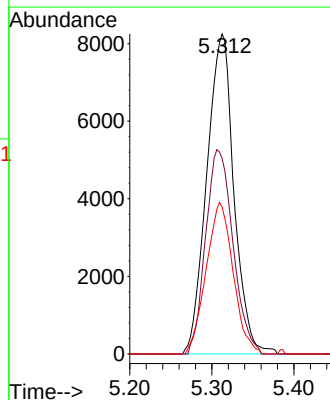
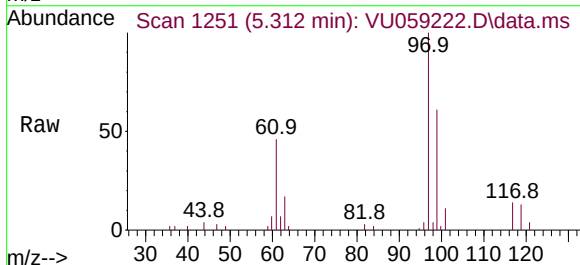
Tgt Ion: 97 Resp: 19027

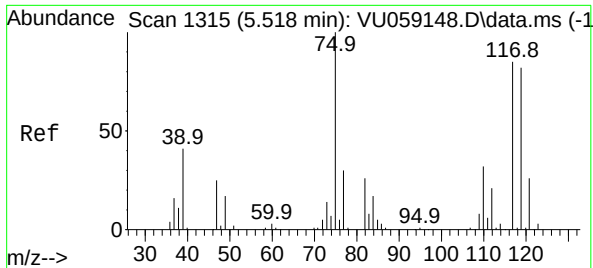
Ion Ratio Lower Upper

97 100

99 64.2 32.0 96.0

61 46.9 23.9 71.7

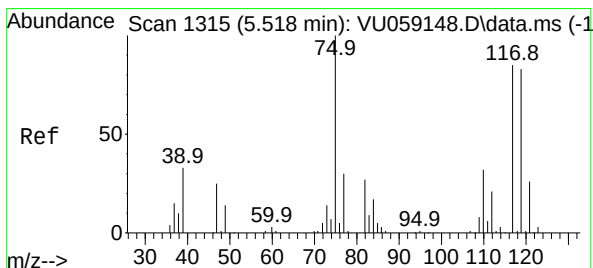
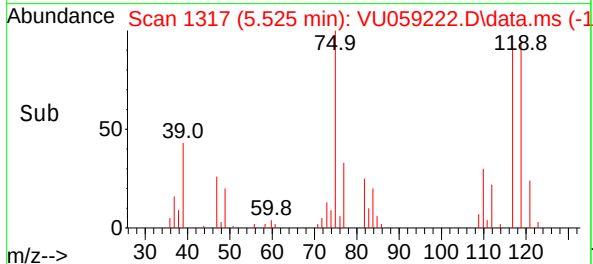
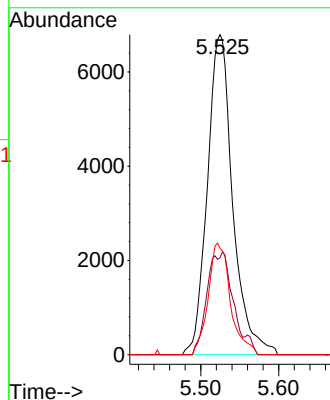
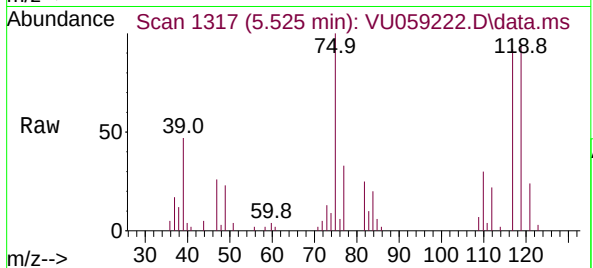




#29
1,1-Dichloropropene
Concen: 0.957 ug/l
RT: 5.525 min Scan# 11
Delta R.T. 0.007 min
Lab File: VU059222.D
Acq: 12 Jun 2024 14:38

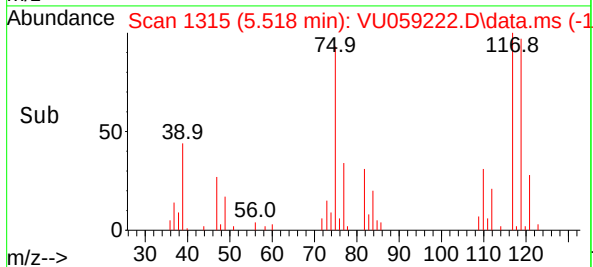
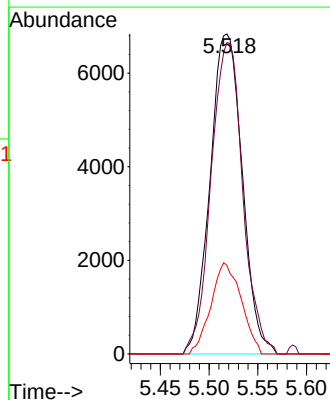
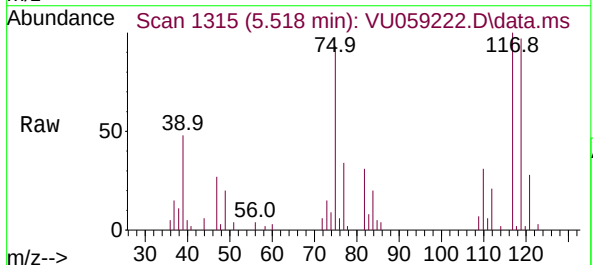
Instrument :
MSVOA_U
ClientSampleId :

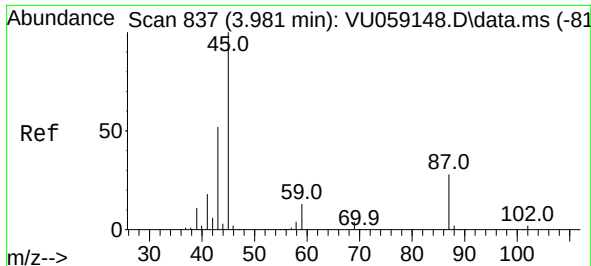
Tgt Ion: 75 Resp: 15387
Ion Ratio Lower Upper
75 100
110 33.4 17.0 50.9
77 30.7 24.6 36.8



#30
Carbon Tetrachloride
Concen: 0.998 ug/l
RT: 5.518 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VU059222.D
Acq: 12 Jun 2024 14:38

Tgt Ion:117 Resp: 15702
Ion Ratio Lower Upper
117 100
119 95.6 77.5 116.3
121 27.2 24.6 37.0





#31

Isopropyl Ether

Concen: 0.905 ug/l

RT: 3.985 min Scan# 837

Delta R.T. 0.003 min

Lab File: VU059222.D

Acq: 12 Jun 2024 14:38

Instrument :

MSVOA_U

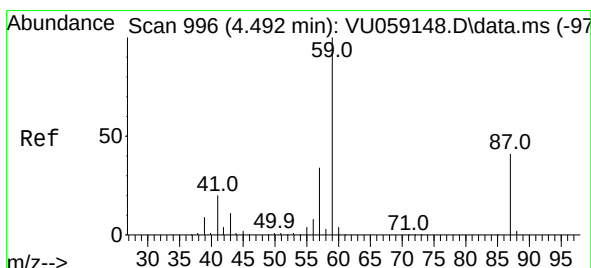
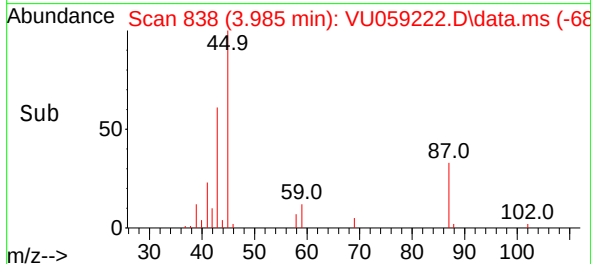
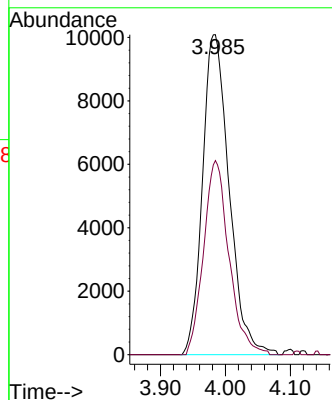
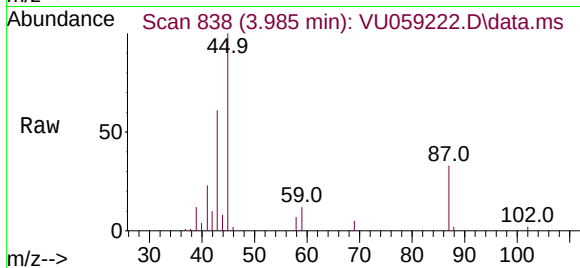
ClientSampleId :

Tgt Ion: 45 Resp: 28727

Ion Ratio Lower Upper

45 100

43 57.9 26.1 78.3



#32

Ethyl-t-butyl ether

Concen: 0.892 ug/l

RT: 4.493 min Scan# 996

Delta R.T. 0.000 min

Lab File: VU059222.D

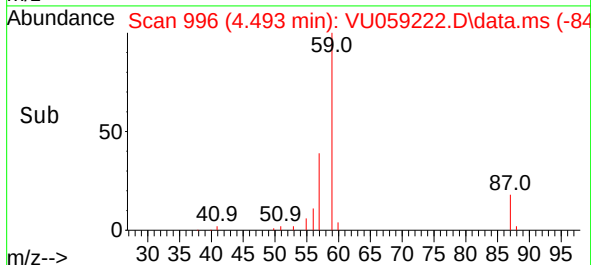
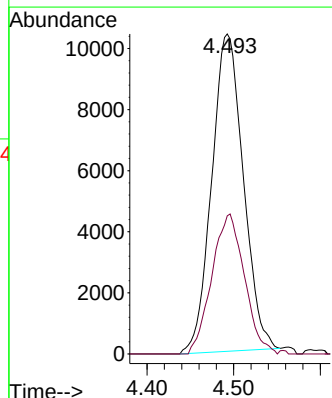
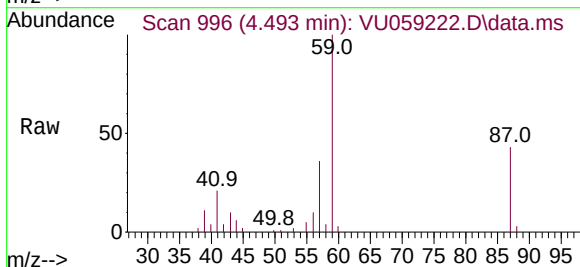
Acq: 12 Jun 2024 14:38

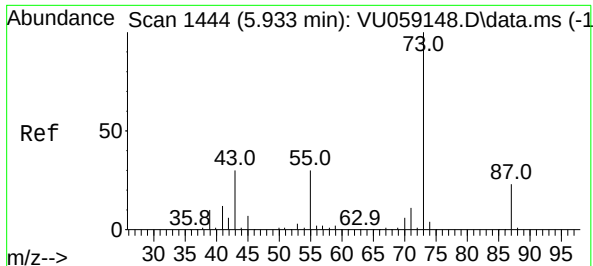
Tgt Ion: 59 Resp: 26344

Ion Ratio Lower Upper

59 100

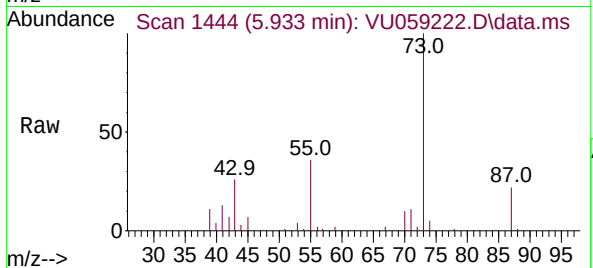
87 45.4 32.2 48.4



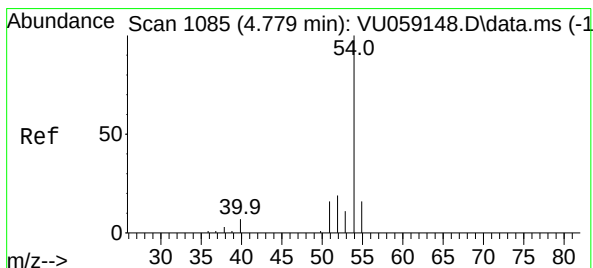
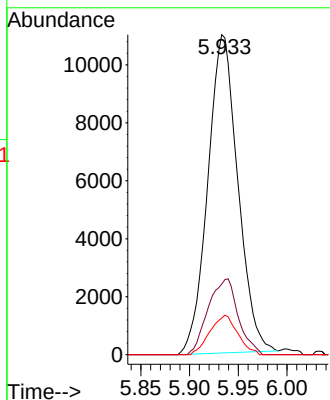
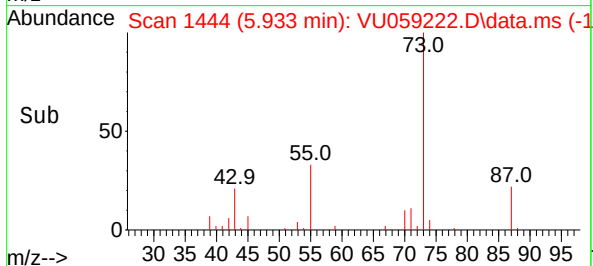


#33
Tert-Amyl methyl ether
Concen: 0.904 ug/l
RT: 5.933 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VU059222.D
Acq: 12 Jun 2024 14:38

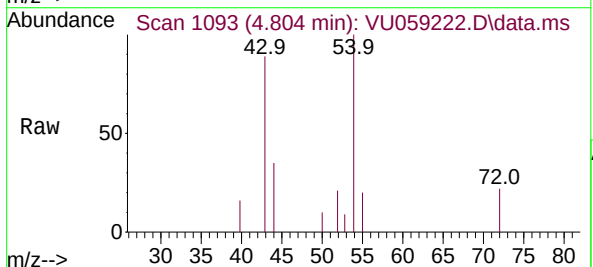
Instrument :
MSVOA_U
ClientSampleId :



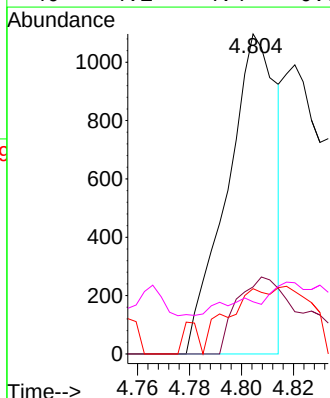
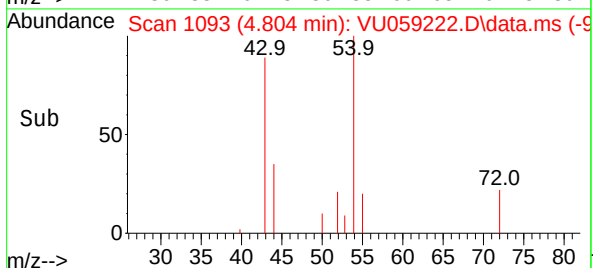
Tgt Ion: 73 Resp: 23579
Ion Ratio Lower Upper
73 100
87 23.8 18.6 27.8
71 11.4 9.1 13.7

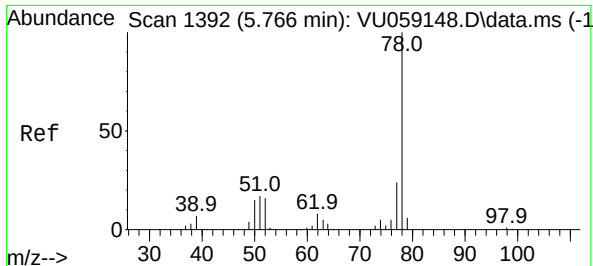


#34
Propionitrile
Concen: 1.556 ug/l
RT: 4.804 min Scan# 1093
Delta R.T. 0.026 min
Lab File: VU059222.D
Acq: 12 Jun 2024 14:38



Tgt Ion: 54 Resp: 1441
Ion Ratio Lower Upper
54 100
52 31.5 15.2 22.8#
55 18.2 12.4 18.6
40 4.1 4.4 6.6#





#35

Benzene

Concen: 0.997 ug/l

RT: 5.769 min Scan# 1400

Delta R.T. 0.003 min

Lab File: VU059222.D

Acq: 12 Jun 2024 14:38

Instrument :

MSVOA_U

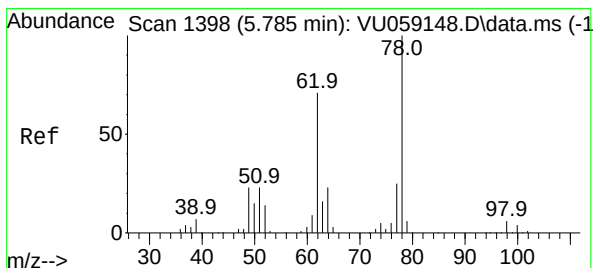
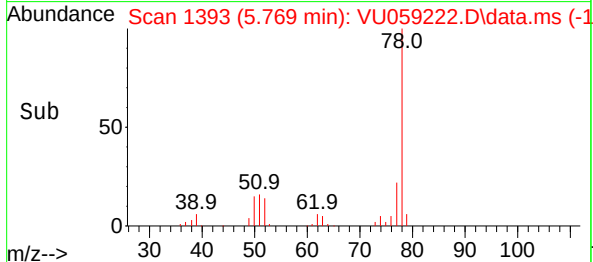
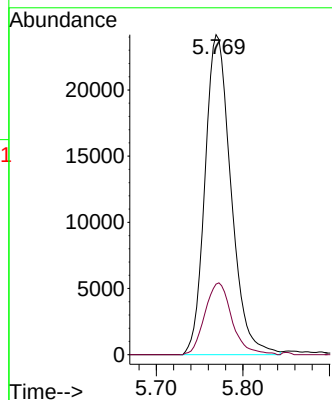
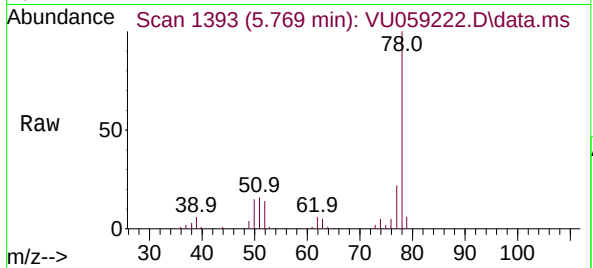
ClientSampleId :

Tgt Ion: 78 Resp: 50445

Ion Ratio Lower Upper

78 100

77 22.0 19.4 29.2



#36

1,2-Dichloroethane

Concen: 0.996 ug/l

RT: 5.792 min Scan# 1400

Delta R.T. 0.007 min

Lab File: VU059222.D

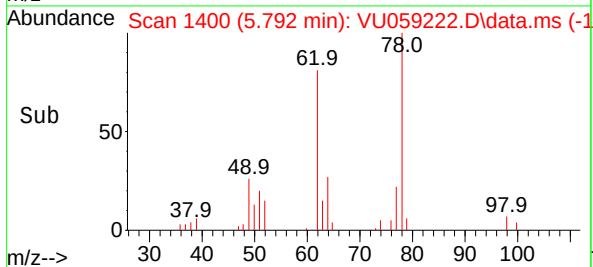
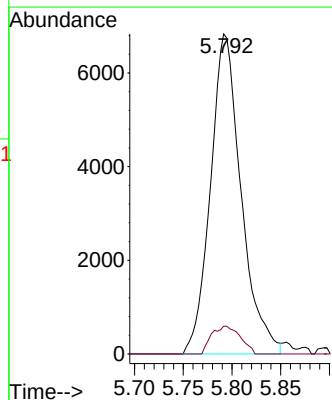
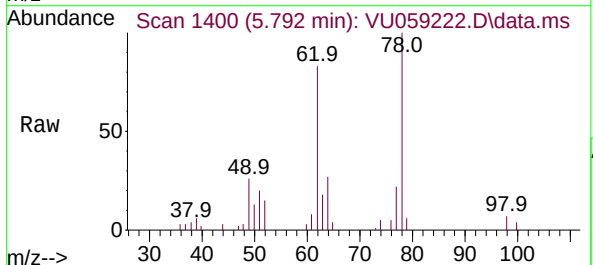
Acq: 12 Jun 2024 14:38

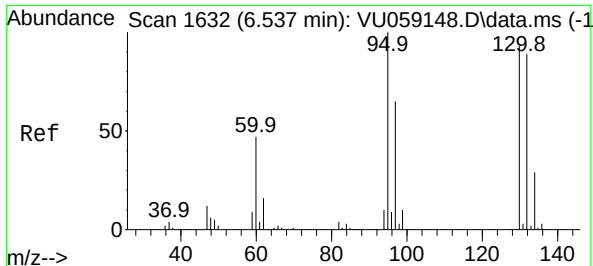
Tgt Ion: 62 Resp: 14944

Ion Ratio Lower Upper

62 100

98 8.1 6.7 10.1





#37

Trichloroethene

Concen: 1.032 ug/l

RT: 6.541 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU059222.D

Acq: 12 Jun 2024 14:38

Instrument :

MSVOA_U

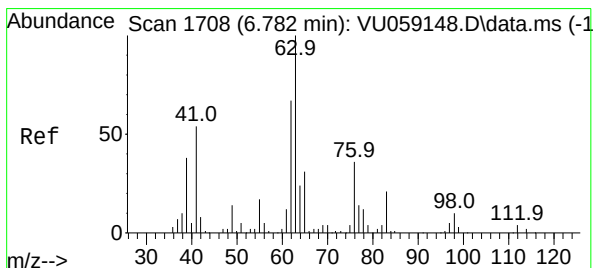
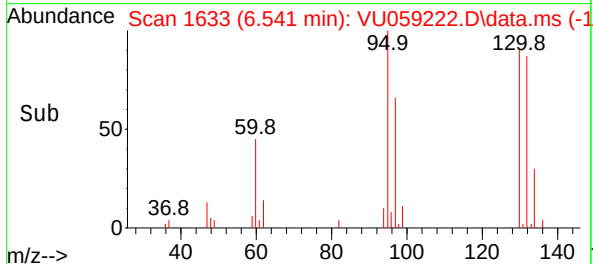
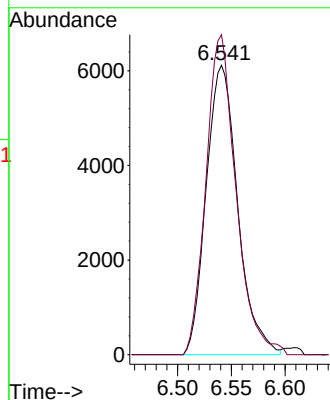
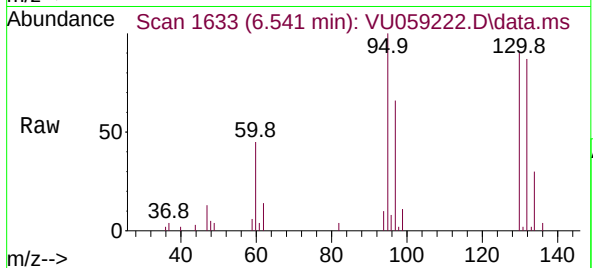
ClientSampleId :

Tgt Ion:130 Resp: 12467

Ion Ratio Lower Upper

130 100

95 110.6 85.6 128.4



#38

1,2-Dichloropropane

Concen: 0.977 ug/l

RT: 6.785 min Scan# 1709

Delta R.T. 0.003 min

Lab File: VU059222.D

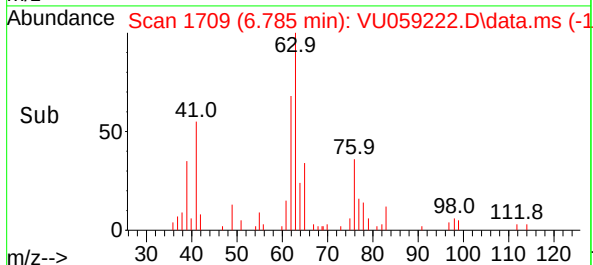
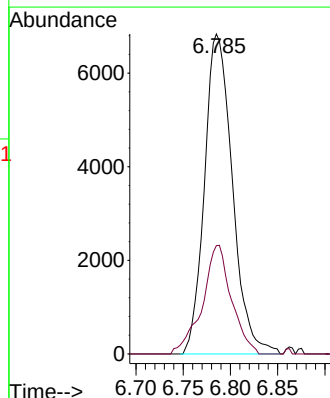
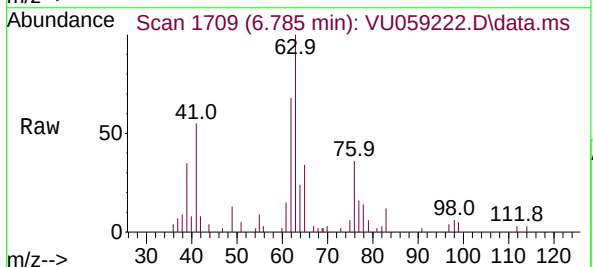
Acq: 12 Jun 2024 14:38

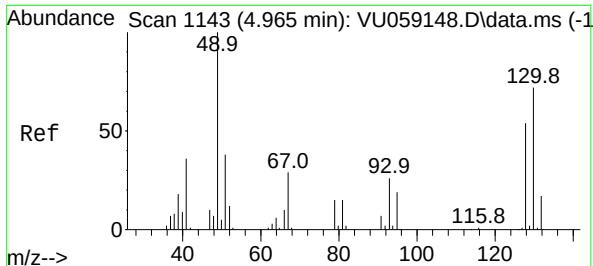
Tgt Ion: 63 Resp: 14034

Ion Ratio Lower Upper

63 100

65 33.8 24.6 37.0





#39

Methacrylonitrile

Concen: 0.914 ug/l

RT: 4.988 min Scan# 1150

Delta R.T. 0.023 min

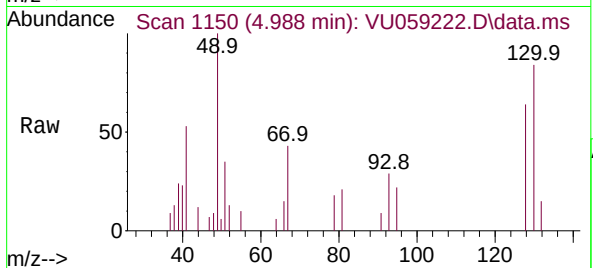
Lab File: VU059222.D

Acq: 12 Jun 2024 14:38

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 41 Resp: 3156

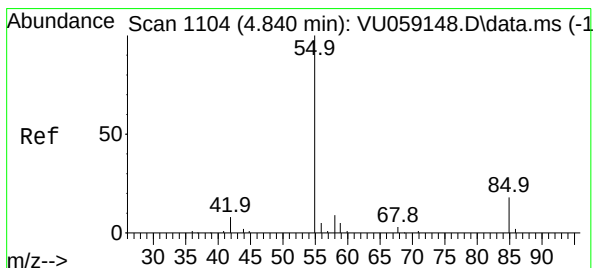
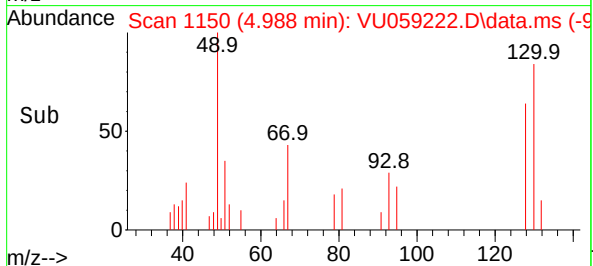
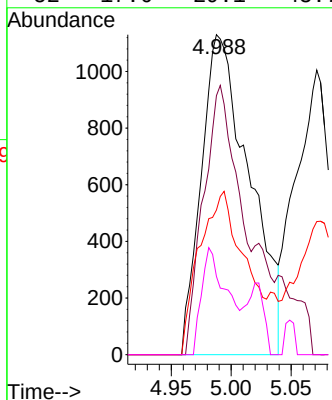
Ion Ratio Lower Upper

41 100

67 61.1 68.2 102.4#

39 48.8 43.4 65.2

52 17.6 29.1 43.7#



#40

Methyl acrylate

Concen: 0.671 ug/l

RT: 4.875 min Scan# 1115

Delta R.T. 0.036 min

Lab File: VU059222.D

Acq: 12 Jun 2024 14:38

Tgt Ion: 55 Resp: 4056

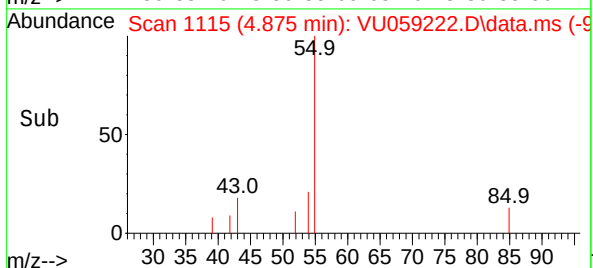
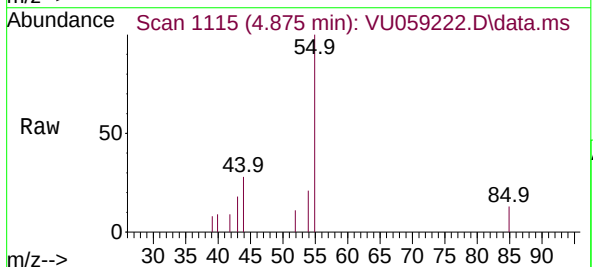
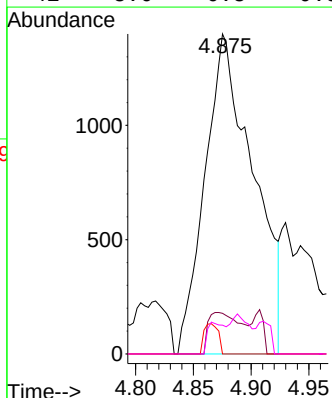
Ion Ratio Lower Upper

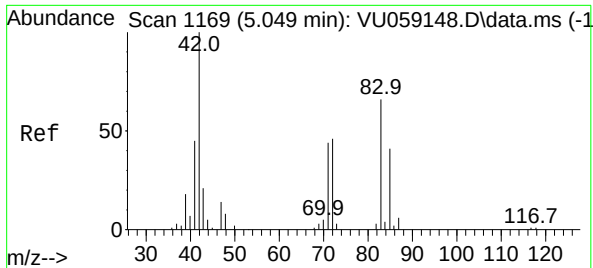
55 100

85 0.0 11.8 17.6#

58 2.8 6.0 9.0#

42 3.6 6.3 9.5#

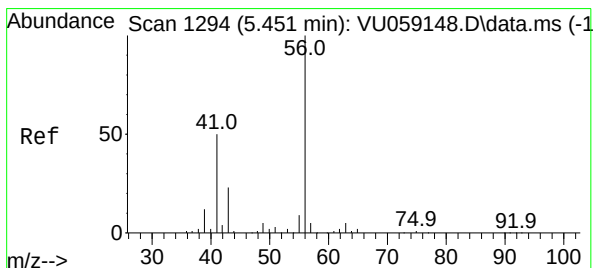
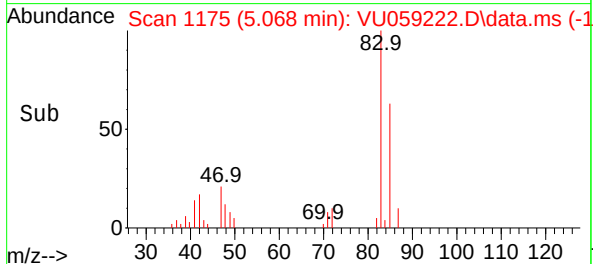
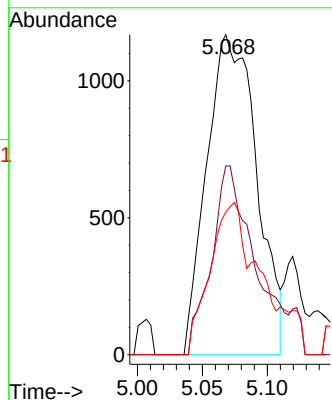
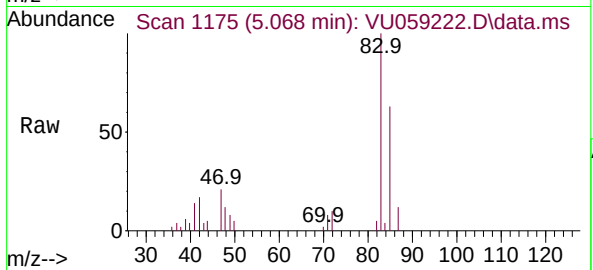




#41
Tetrahydrofuran
Concen: 1.694 ug/l
RT: 5.068 min Scan# 1169
Delta R.T. 0.019 min
Lab File: VU059222.D
Acq: 12 Jun 2024 14:38

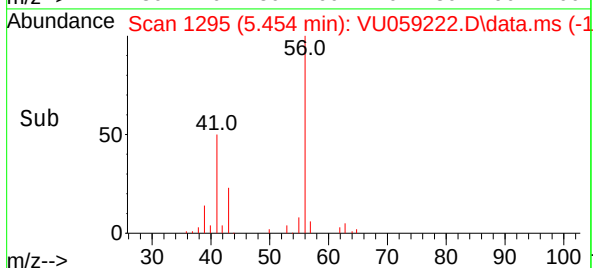
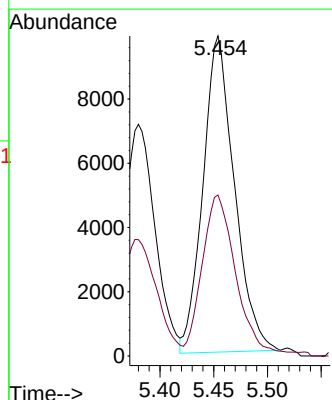
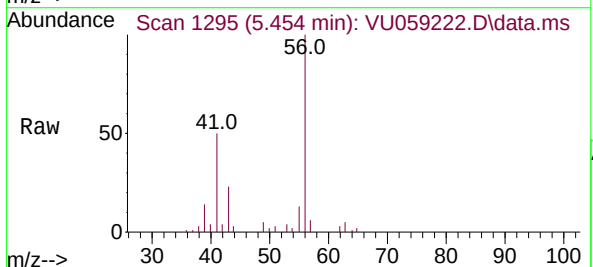
Instrument :
MSVOA_U
ClientSampleId :

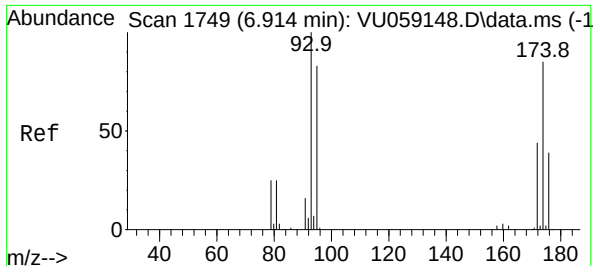
Tgt Ion: 42 Resp: 3129
Ion Ratio Lower Upper
42 100
72 51.2 40.7 61.1
71 49.2 36.5 54.7



#42
1-Chlorobutane
Concen: 0.900 ug/l
RT: 5.454 min Scan# 1295
Delta R.T. 0.003 min
Lab File: VU059222.D
Acq: 12 Jun 2024 14:38

Tgt Ion: 56 Resp: 20002
Ion Ratio Lower Upper
56 100
41 52.4 25.7 77.1





#43

Dibromomethane

Concen: 1.002 ug/l

RT: 6.917 min Scan# 1

Delta R.T. 0.003 min

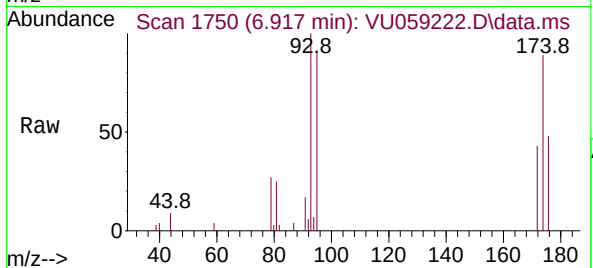
Lab File: VU059222.D

Acq: 12 Jun 2024 14:38

Instrument :

MSVOA_U

ClientSampleId :



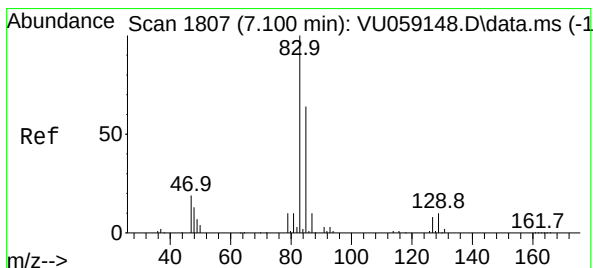
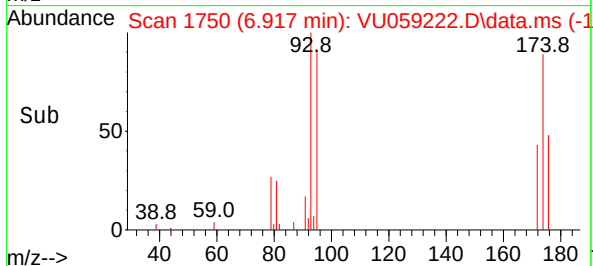
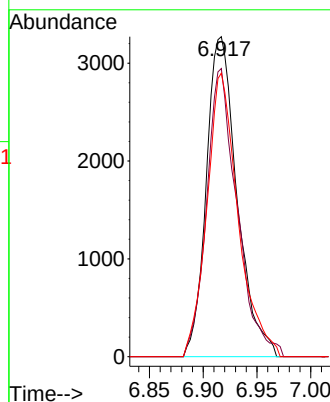
Tgt Ion: 93 Resp: 6516

Ion Ratio Lower Upper

93 100

95 89.5 66.1 99.1

174 89.9 67.2 100.8



#44

Bromodichloromethane

Concen: 0.981 ug/l

RT: 7.100 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VU059222.D

Acq: 12 Jun 2024 14:38

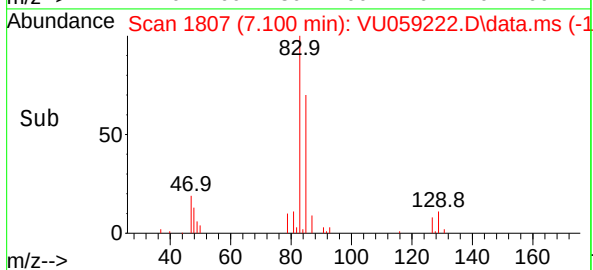
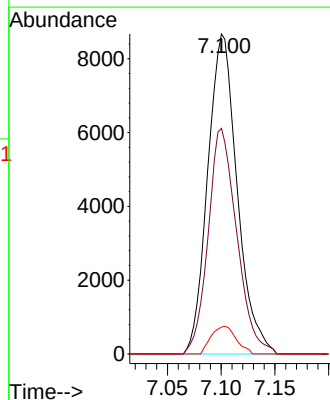
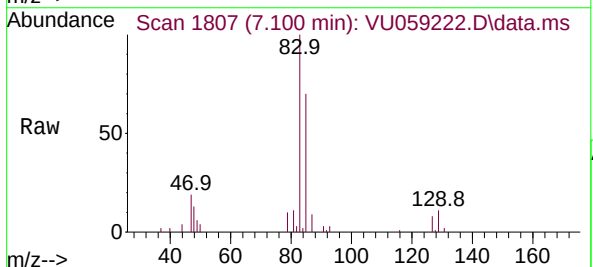
Tgt Ion: 83 Resp: 16534

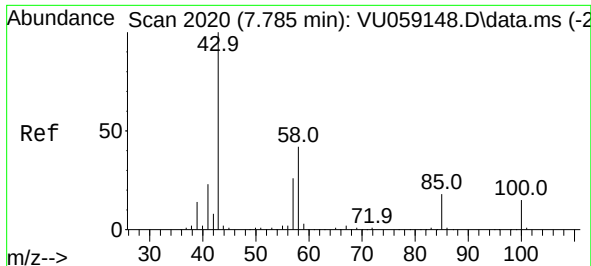
Ion Ratio Lower Upper

83 100

85 70.5 51.0 76.4

127 9.6 6.4 9.6

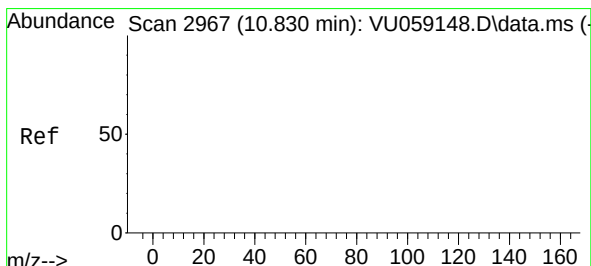
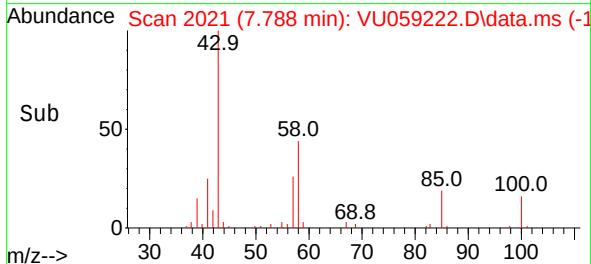
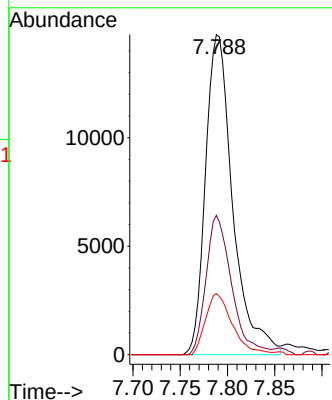
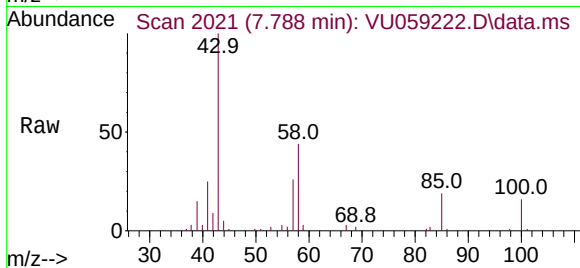




#45
4-Methyl-2-Pentanone
Concen: 4.244 ug/l
RT: 7.788 min Scan# 2020
Delta R.T. 0.003 min
Lab File: VU059222.D
Acq: 12 Jun 2024 14:38

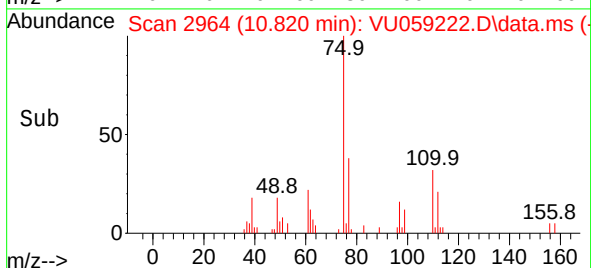
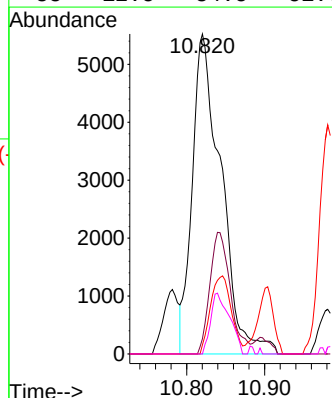
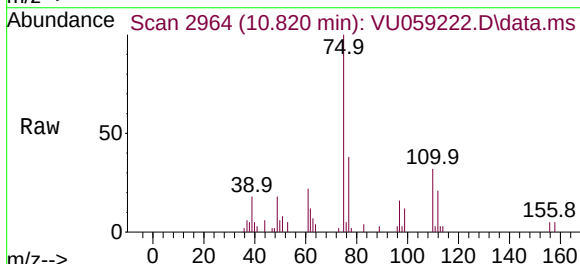
Instrument :
MSVOA_U
ClientSampleId :

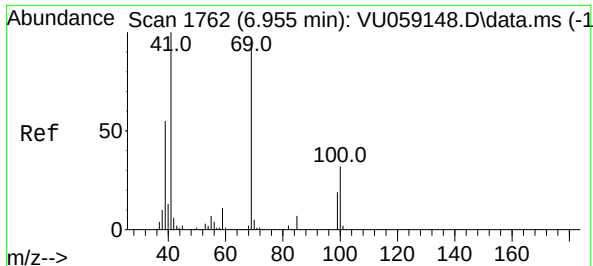
Tgt Ion: 43 Resp: 29594
Ion Ratio Lower Upper
43 100
58 40.7 21.1 63.3
85 18.8 14.6 22.0



#46
t-1,4-Dichloro-2-butene
Concen: 4.784 ug/l
RT: 10.820 min Scan# 2964
Delta R.T. -0.009 min
Lab File: VU059222.D
Acq: 12 Jun 2024 14:38

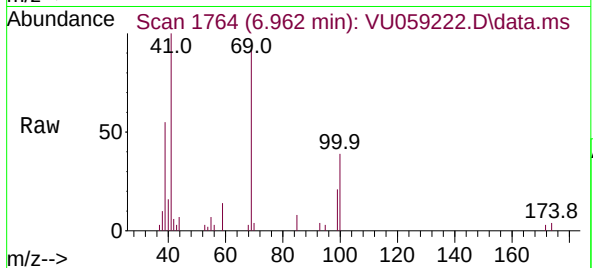
Tgt Ion: 75 Resp: 14154
Ion Ratio Lower Upper
75 100
53 27.2 72.2 108.4#
89 17.7 47.0 70.4#
88 12.5 34.5 51.7#



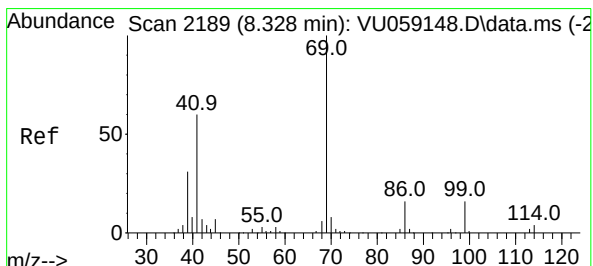
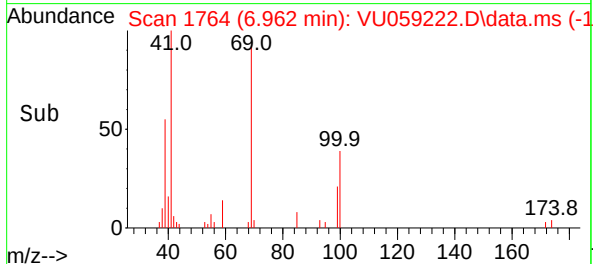
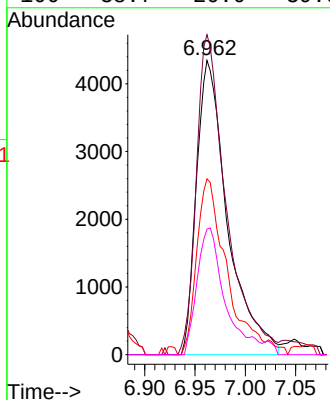


#47
Methyl methacrylate
Concen: 1.670 ug/l
RT: 6.962 min Scan# 11
Delta R.T. 0.007 min
Lab File: VU059222.D
Acq: 12 Jun 2024 14:38

Instrument :
MSVOA_U
ClientSampleId :

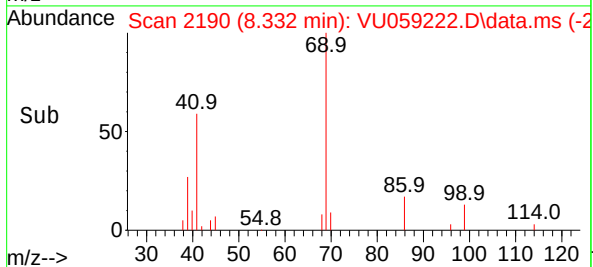
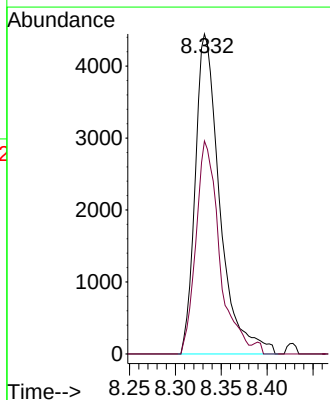
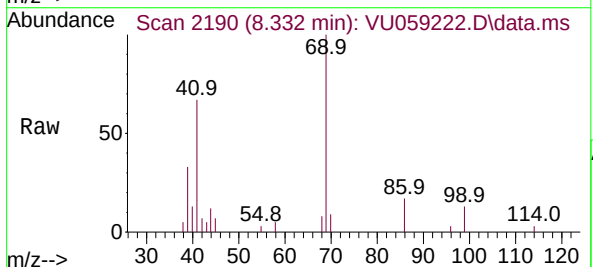


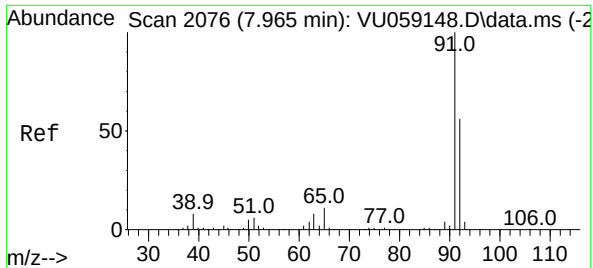
Tgt Ion	Ratio	Lower	Upper
69	100		
41	105.3	0.0	208.8
39	58.8	46.0	69.0
100	38.7	26.0	39.0



#48
Ethyl methacrylate
Concen: 0.838 ug/l
RT: 8.332 min Scan# 2190
Delta R.T. 0.003 min
Lab File: VU059222.D
Acq: 12 Jun 2024 14:38

Tgt Ion	Ratio	Lower	Upper
69	100		
41	63.6	30.2	90.6





#49

Toluene

Concen: 0.958 ug/l

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU059222.D

Acq: 12 Jun 2024 14:38

Instrument :

MSVOA_U

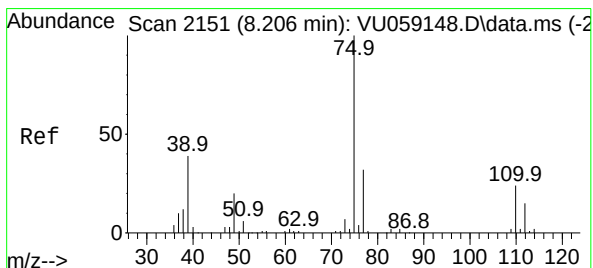
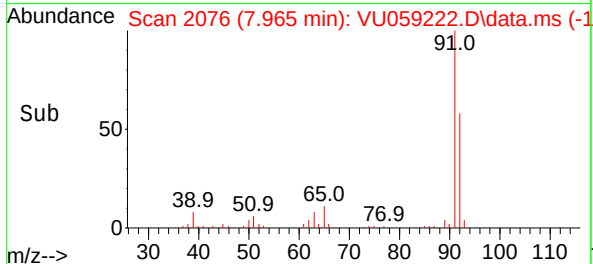
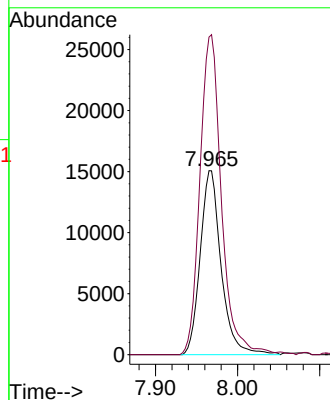
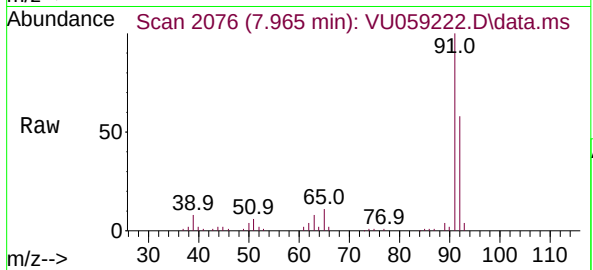
ClientSampleId :

Tgt Ion: 92 Resp: 26697

Ion Ratio Lower Upper

92 100

91 178.3 143.4 215.0



#50

t-1,3-Dichloropropene

Concen: 0.922 ug/l

RT: 8.209 min Scan# 2152

Delta R.T. 0.003 min

Lab File: VU059222.D

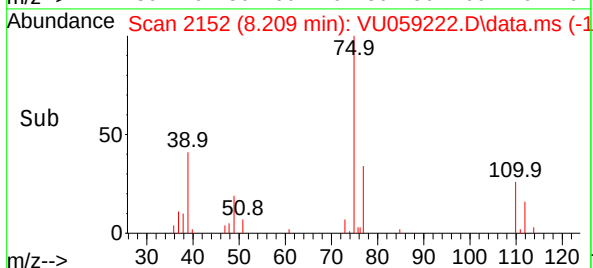
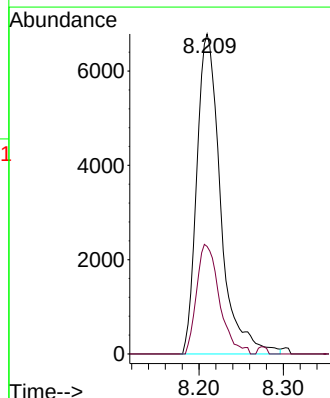
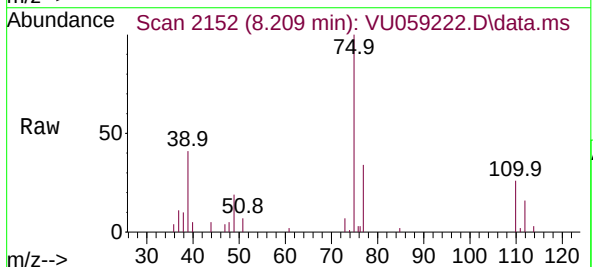
Acq: 12 Jun 2024 14:38

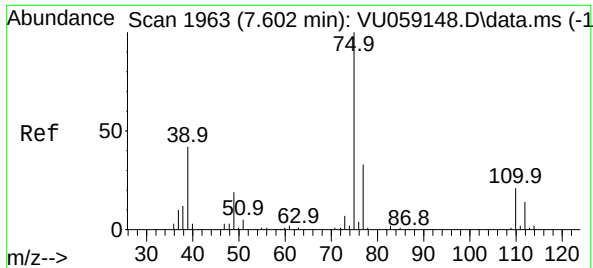
Tgt Ion: 75 Resp: 13295

Ion Ratio Lower Upper

75 100

77 33.6 25.3 37.9





#51

cis-1,3-Dichloropropene

Concen: 0.953 ug/l

RT: 7.605 min Scan# 1963

Delta R.T. 0.003 min

Lab File: VU059222.D

Acq: 12 Jun 2024 14:38

Instrument :

MSVOA_U

ClientSampleId :

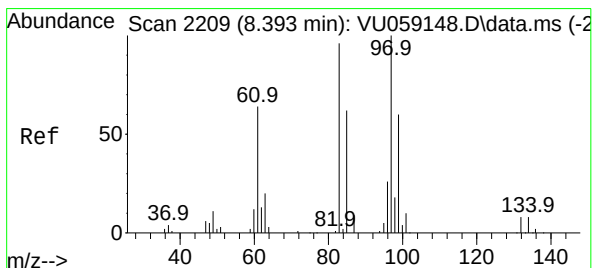
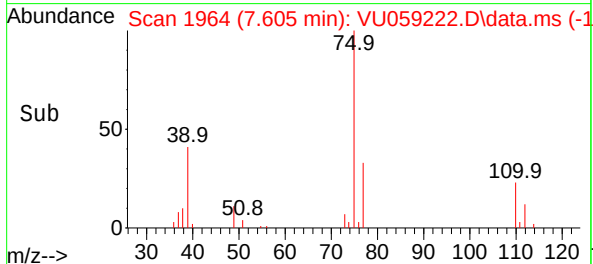
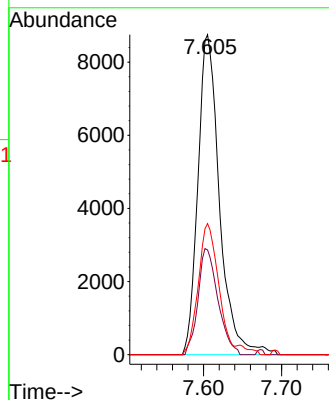
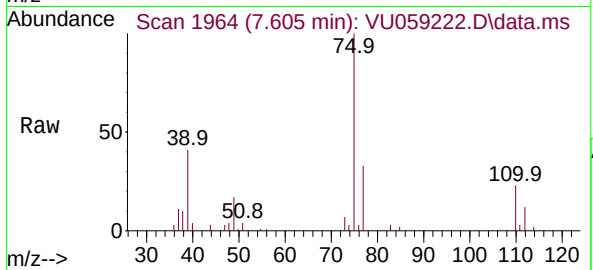
Tgt Ion: 75 Resp: 16830

Ion Ratio Lower Upper

75 100

77 32.7 26.0 39.0

39 41.0 33.2 49.8



#52

1,1,2-Trichloroethane

Concen: 1.005 ug/l

RT: 8.396 min Scan# 2210

Delta R.T. 0.003 min

Lab File: VU059222.D

Acq: 12 Jun 2024 14:38

Tgt Ion: 97 Resp: 9660

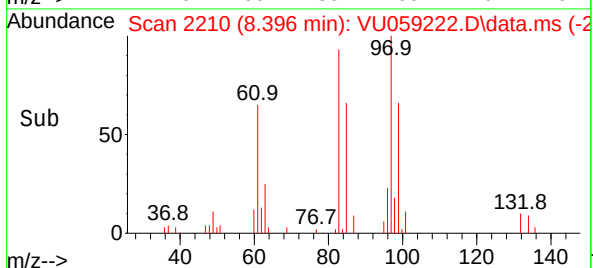
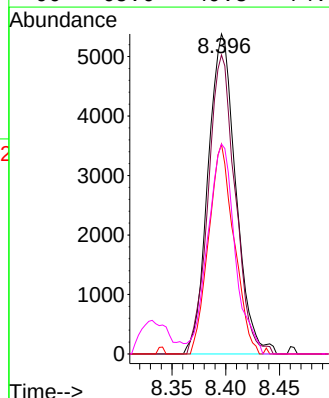
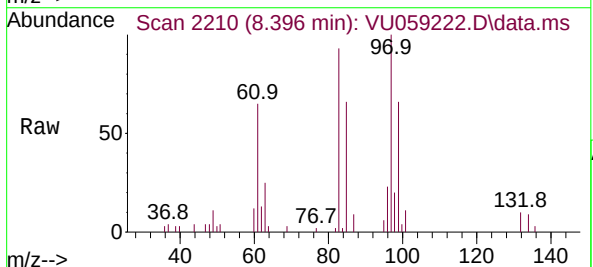
Ion Ratio Lower Upper

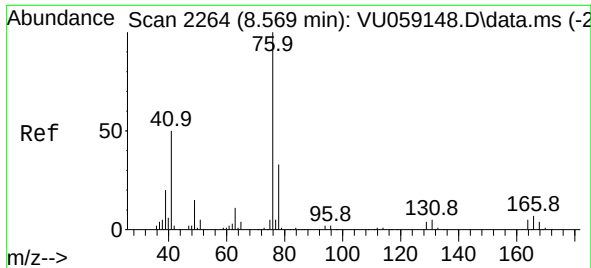
97 100

83 93.5 76.4 114.6

85 65.5 49.6 74.4

99 65.6 49.8 74.8

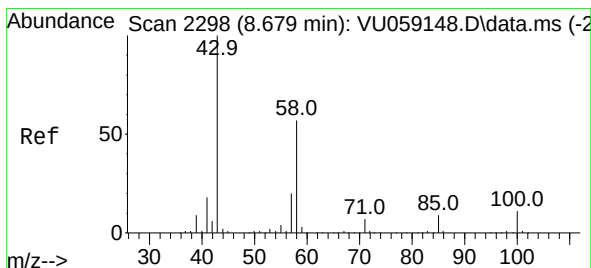
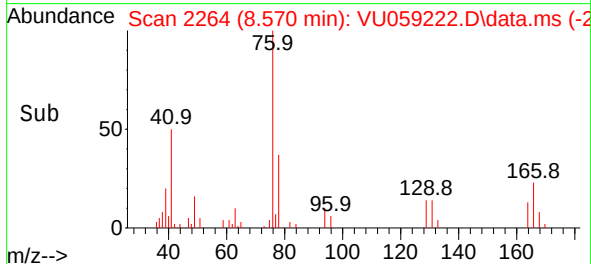
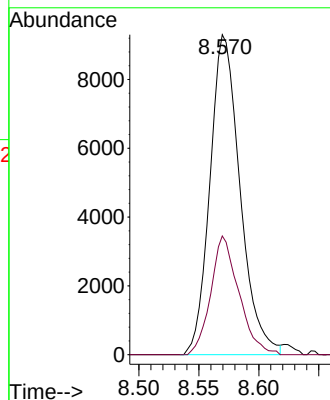
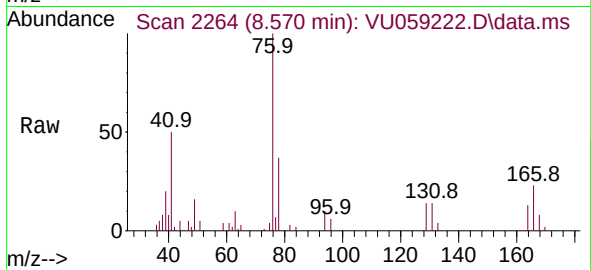




#53
1,3-Dichloropropane
Concen: 0.980 ug/l
RT: 8.570 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU059222.D
Acq: 12 Jun 2024 14:38

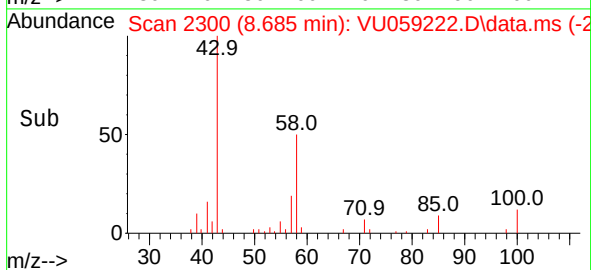
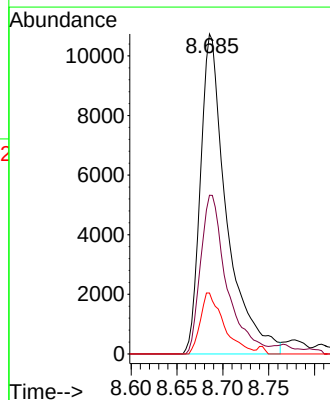
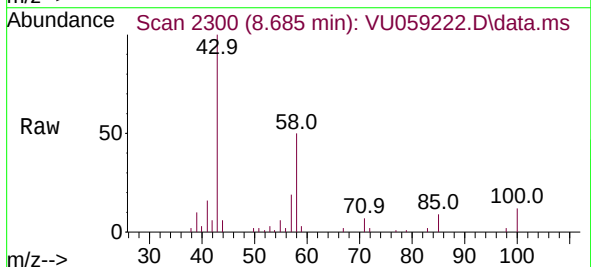
Instrument :
MSVOA_U
ClientSampleId :

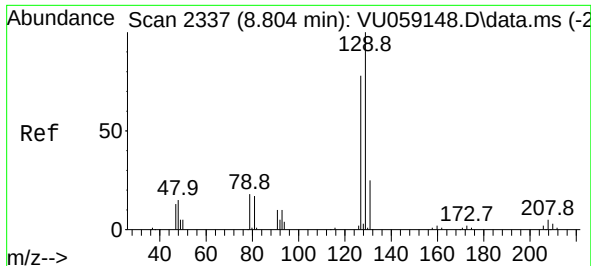
Tgt Ion: 76 Resp: 16225
Ion Ratio Lower Upper
76 100
78 34.6 25.4 38.2



#54
2-Hexanone
Concen: 3.930 ug/l
RT: 8.685 min Scan# 2300
Delta R.T. 0.007 min
Lab File: VU059222.D
Acq: 12 Jun 2024 14:38

Tgt Ion: 43 Resp: 21245
Ion Ratio Lower Upper
43 100
58 49.8 38.6 78.6
57 17.2 0.0 39.5





#55

Dibromochloromethane

Concen: 1.051 ug/l

RT: 8.804 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VU059222.D

Acq: 12 Jun 2024 14:38

Instrument :

MSVOA_U

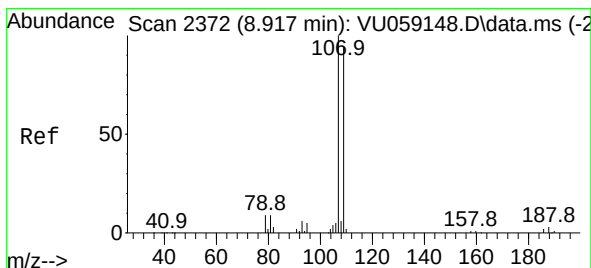
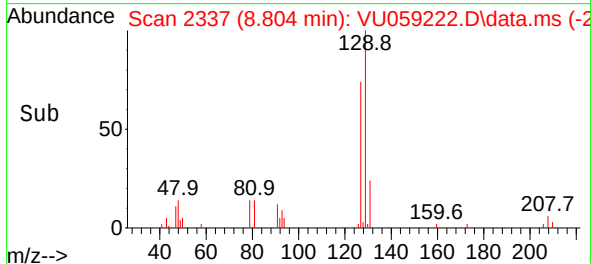
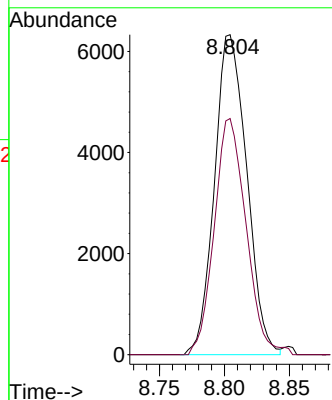
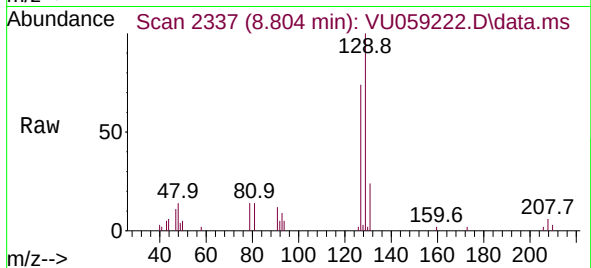
ClientSampleId :

Tgt Ion:129 Resp: 10936

Ion Ratio Lower Upper

129 100

127 72.7 61.9 92.9



#56

1,2-Dibromoethane

Concen: 1.004 ug/l

RT: 8.923 min Scan# 2374

Delta R.T. 0.007 min

Lab File: VU059222.D

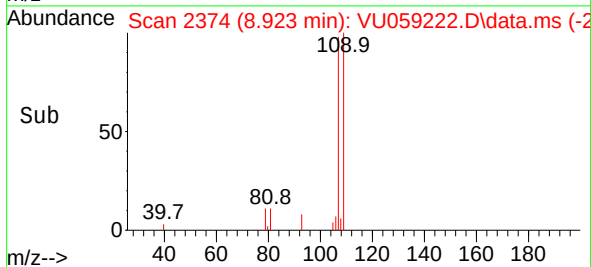
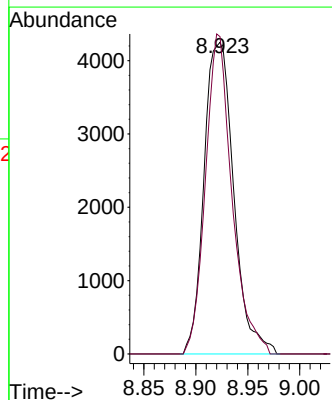
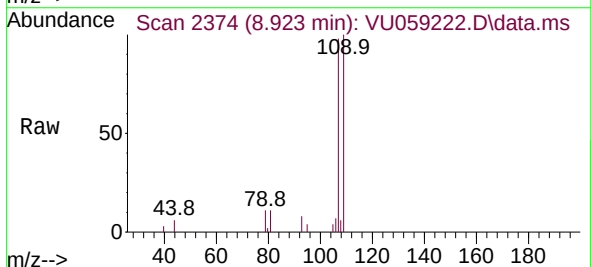
Acq: 12 Jun 2024 14:38

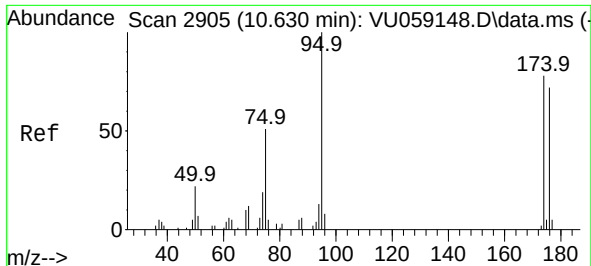
Tgt Ion:107 Resp: 8461

Ion Ratio Lower Upper

107 100

109 91.6 0.0 188.2





#57

4-Bromofluorobenzene

Concen: 0.960 ug/l

RT: 10.631 min Scan# 2905

Delta R.T. 0.000 min

Lab File: VU059222.D

Acq: 12 Jun 2024 14:38

Instrument :

MSVOA_U

ClientSampleId :

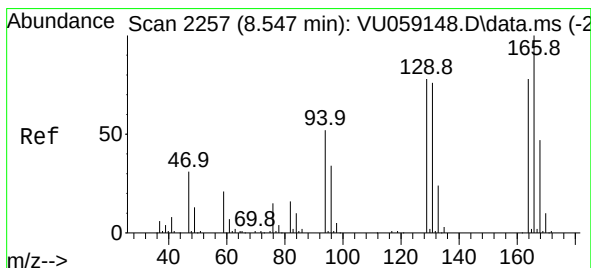
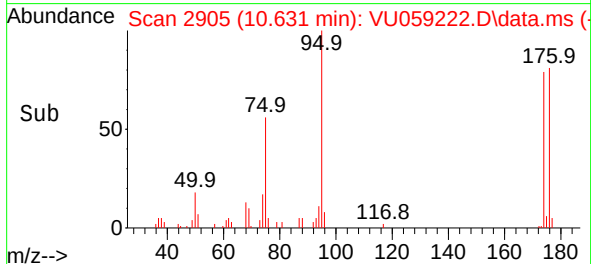
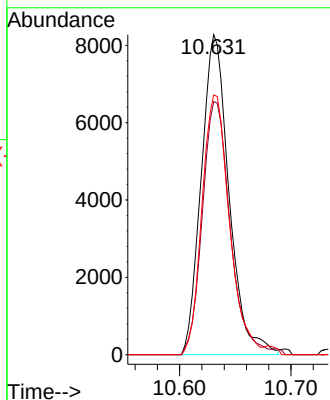
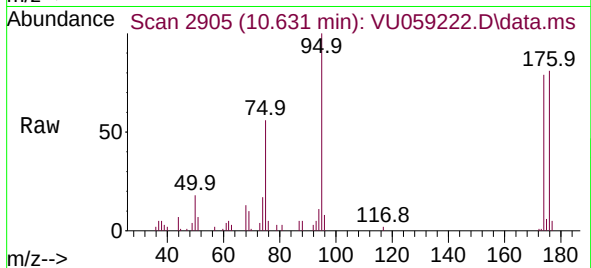
Tgt Ion: 95 Resp: 14368

Ion Ratio Lower Upper

95 100

174 79.3 59.6 89.4

176 80.0 57.3 85.9



#58

Tetrachloroethene

Concen: 1.104 ug/l

RT: 8.550 min Scan# 2258

Delta R.T. 0.003 min

Lab File: VU059222.D

Acq: 12 Jun 2024 14:38

Tgt Ion:164 Resp: 12299

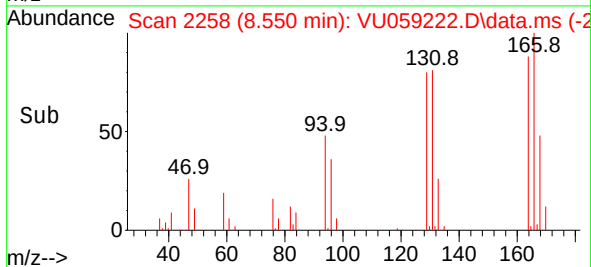
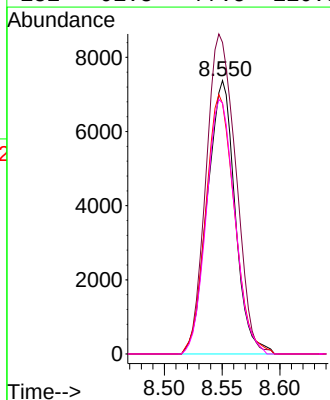
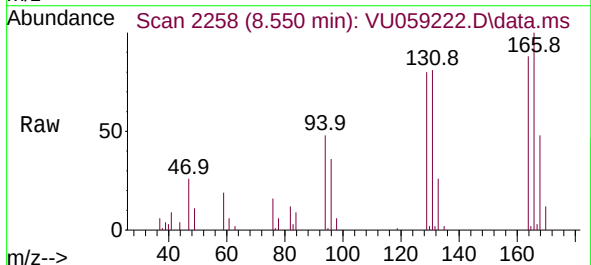
Ion Ratio Lower Upper

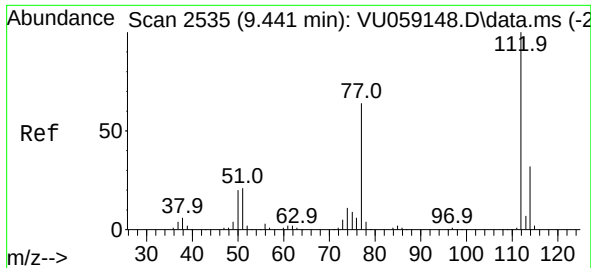
164 100

166 114.0 102.6 153.8

129 91.6 80.3 120.5

131 91.8 77.5 116.3





#59

Chlorobenzene

Concen: 1.000 ug/l

RT: 9.444 min Scan# 2535

Delta R.T. 0.003 min

Lab File: VU059222.D

Acq: 12 Jun 2024 14:38

Instrument :

MSVOA_U

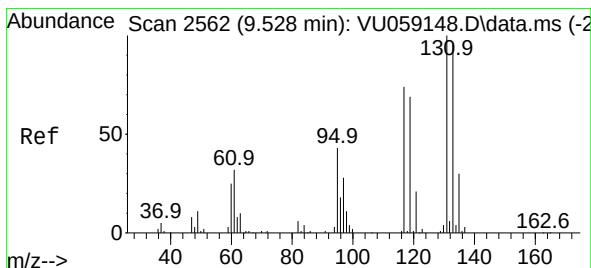
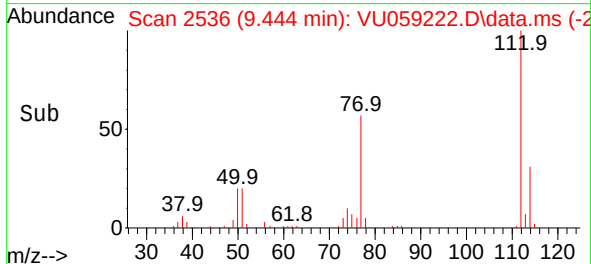
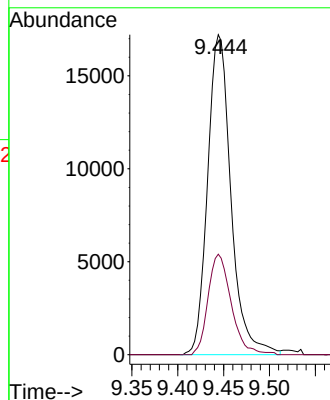
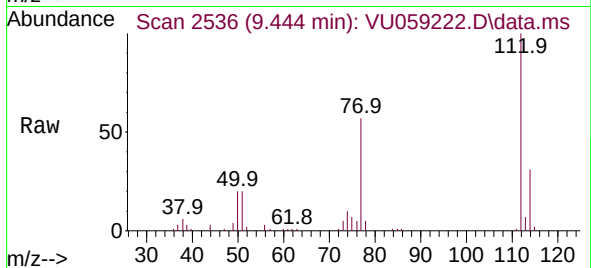
ClientSampleId :

Tgt Ion:112 Resp: 30486

Ion Ratio Lower Upper

112 100

114 31.4 25.6 38.4



#60

1,1,1,2-Tetrachloroethane

Concen: 1.004 ug/l

RT: 9.528 min Scan# 2562

Delta R.T. 0.000 min

Lab File: VU059222.D

Acq: 12 Jun 2024 14:38

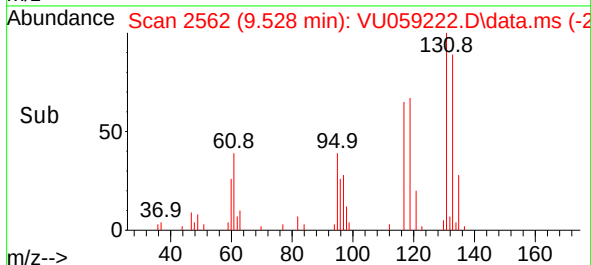
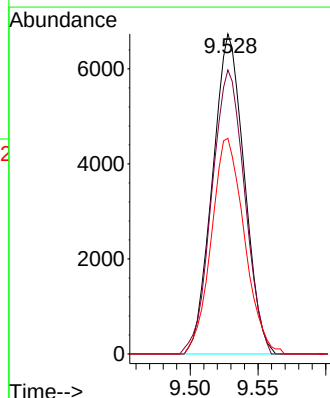
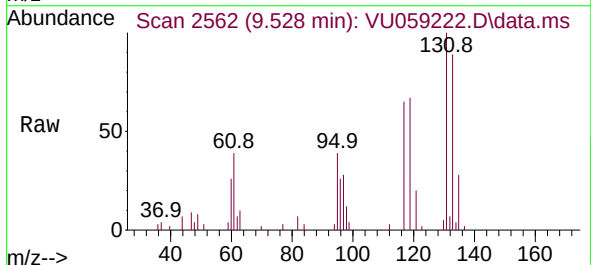
Tgt Ion:131 Resp: 10963

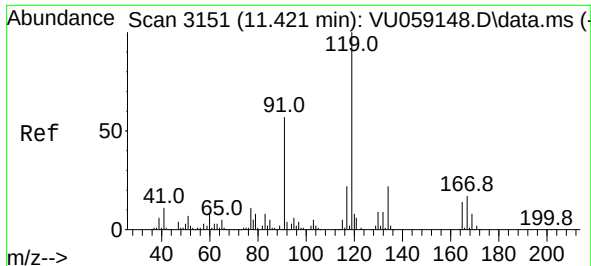
Ion Ratio Lower Upper

131 100

133 91.9 76.7 115.1

119 70.2 55.3 82.9

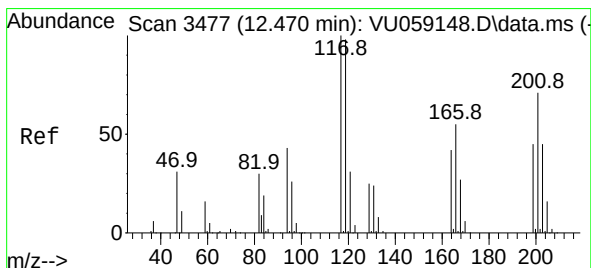
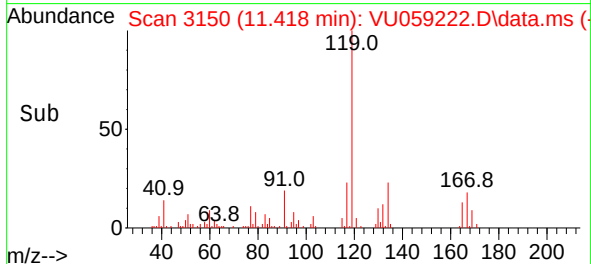
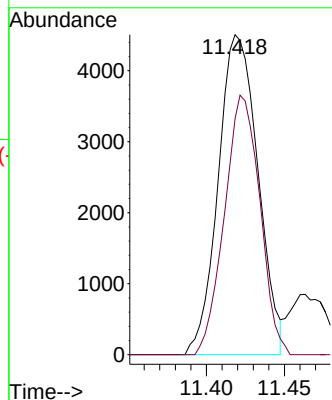
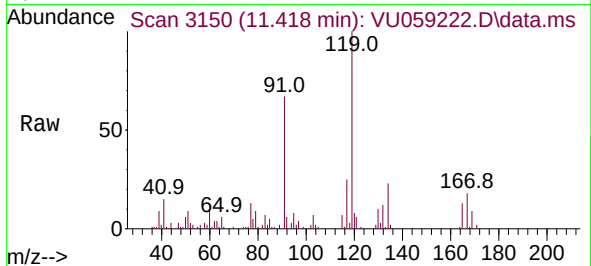




#61
Pentachloroethane
Concen: 0.943 ug/l
RT: 11.418 min Scan# 3150
Delta R.T. -0.003 min
Lab File: VU059222.D
Acq: 12 Jun 2024 14:38

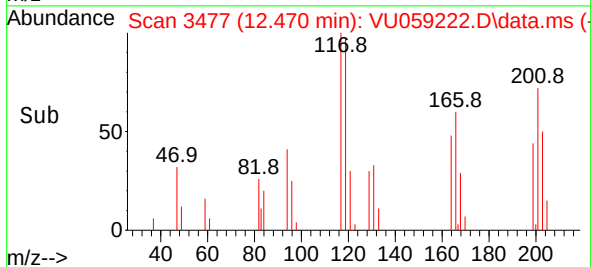
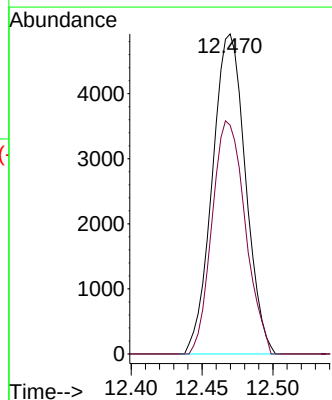
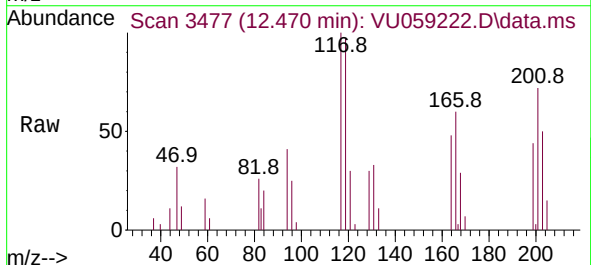
Instrument :
MSVOA_U
ClientSampleId :

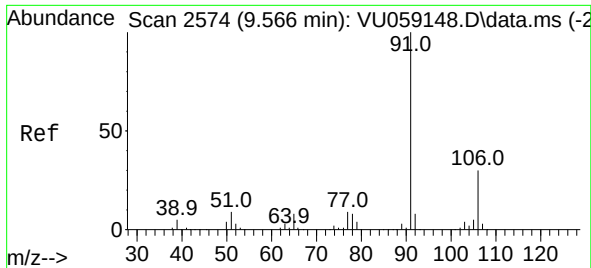
Tgt Ion:117 Resp: 7987
Ion Ratio Lower Upper
117 100
167 72.4 58.1 87.1



#62
Hexachloroethane
Concen: 0.932 ug/l
RT: 12.470 min Scan# 3477
Delta R.T. 0.000 min
Lab File: VU059222.D
Acq: 12 Jun 2024 14:38

Tgt Ion:117 Resp: 8023
Ion Ratio Lower Upper
117 100
201 72.6 55.8 83.8





#63

Ethyl Benzene

Concen: 0.897 ug/l

RT: 9.566 min Scan# 2574

Delta R.T. 0.000 min

Lab File: VU059222.D

Acq: 12 Jun 2024 14:38

Instrument :

MSVOA_U

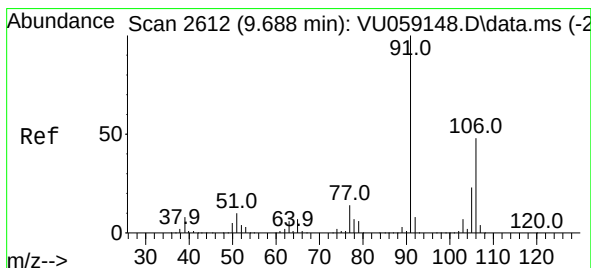
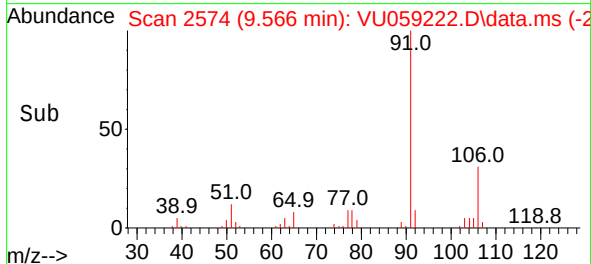
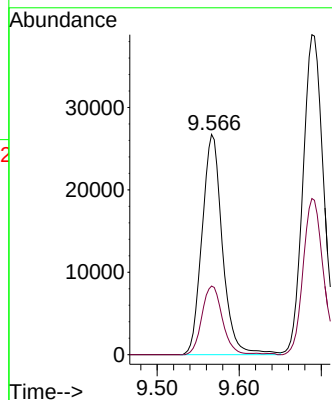
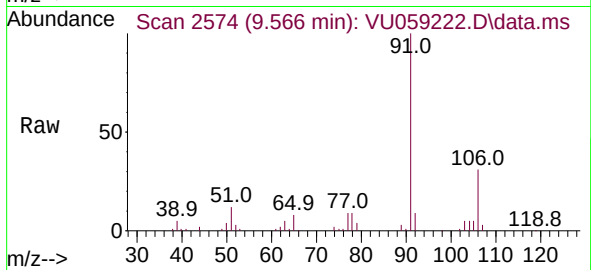
ClientSampleId :

Tgt Ion: 91 Resp: 46146

Ion Ratio Lower Upper

91 100

106 31.2 23.9 35.9



#64

m/p-Xylenes

Concen: 1.706 ug/l

RT: 9.688 min Scan# 2612

Delta R.T. 0.000 min

Lab File: VU059222.D

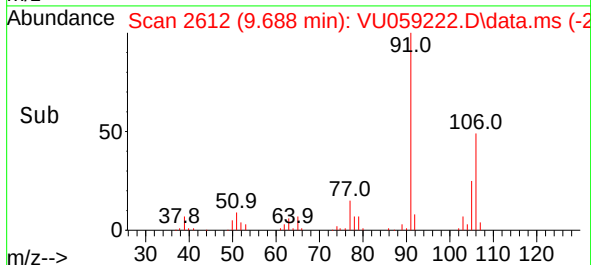
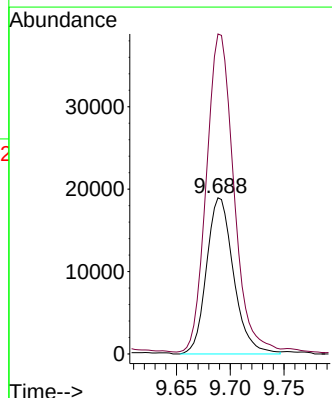
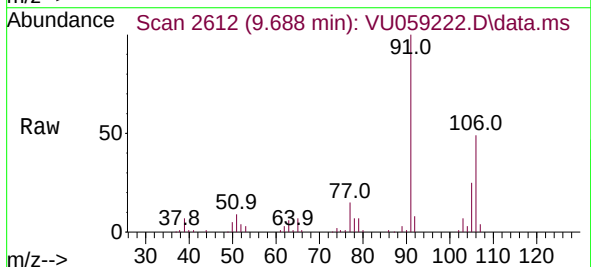
Acq: 12 Jun 2024 14:38

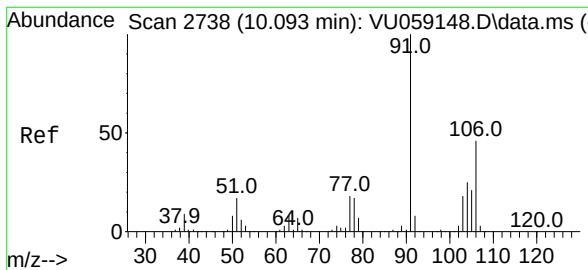
Tgt Ion:106 Resp: 33104

Ion Ratio Lower Upper

106 100

91 205.7 166.4 249.6

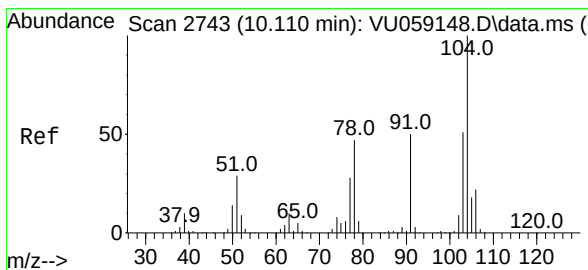
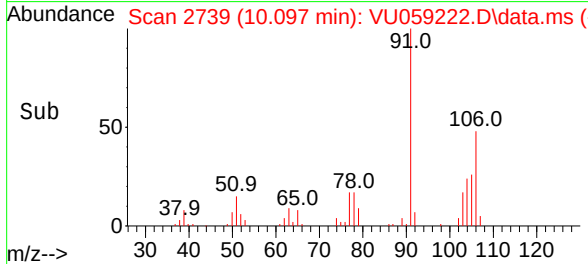
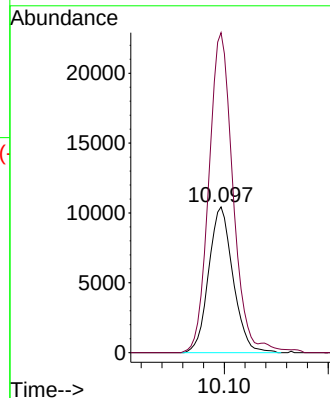
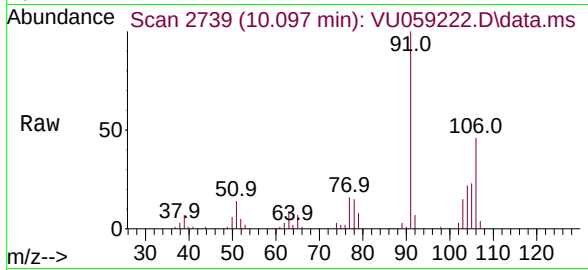




#65
o-Xylene
Concen: 0.887 ug/l
RT: 10.097 min Scan# 2738
Delta R.T. 0.003 min
Lab File: VU059222.D
Acq: 12 Jun 2024 14:38

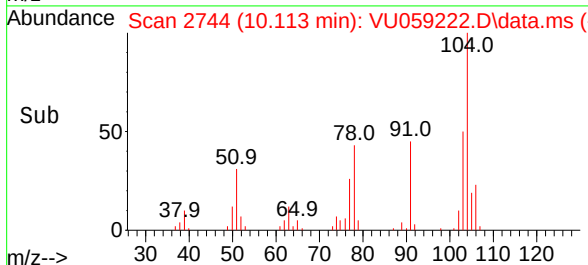
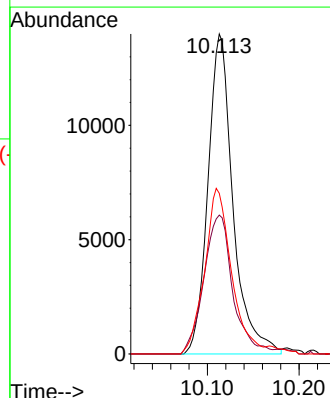
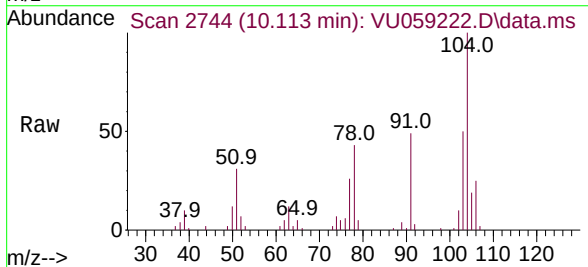
Instrument :
MSVOA_U
ClientSampleId :

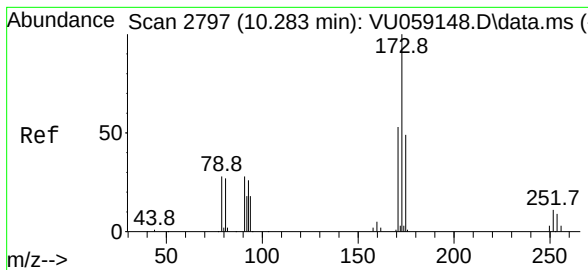
Tgt Ion:106 Resp: 16985
Ion Ratio Lower Upper
106 100
91 218.8 110.7 332.1



#66
Styrene
Concen: 0.867 ug/l
RT: 10.113 min Scan# 2744
Delta R.T. 0.003 min
Lab File: VU059222.D
Acq: 12 Jun 2024 14:38

Tgt Ion:104 Resp: 26512
Ion Ratio Lower Upper
104 100
78 50.1 41.6 62.4
103 55.4 44.6 66.8





#67

Bromoform

Concen: 1.060 ug/l

RT: 10.287 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU059222.D

Acq: 12 Jun 2024 14:38

Instrument :

MSVOA_U

ClientSampleId :

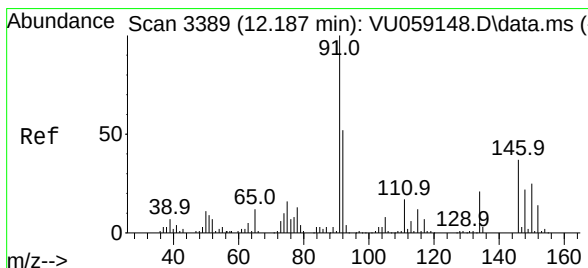
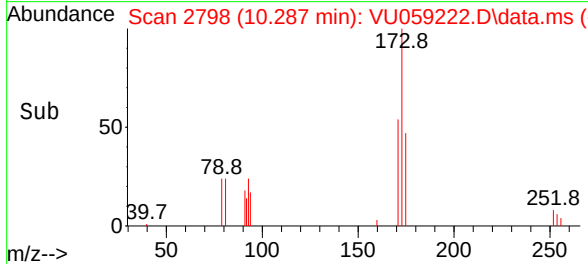
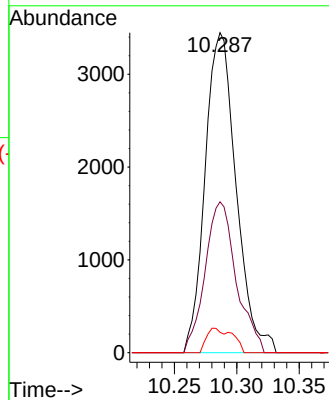
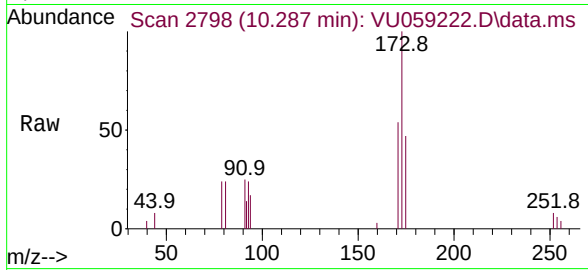
Tgt Ion:173 Resp: 5971

Ion Ratio Lower Upper

173 100

175 47.3 40.1 60.1

254 6.4 7.0 10.4#



#68

1,2-Dichlorobenzene-d4

Concen: 0.970 ug/l

RT: 12.190 min Scan# 3390

Delta R.T. 0.003 min

Lab File: VU059222.D

Acq: 12 Jun 2024 14:38

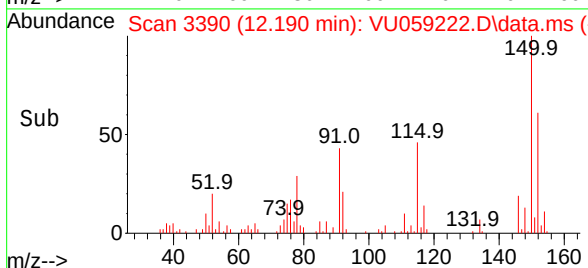
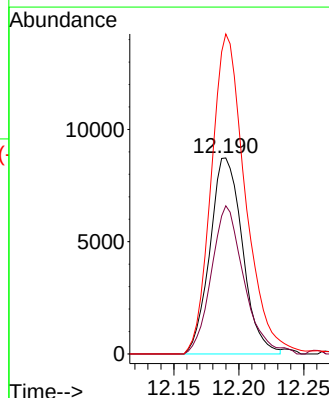
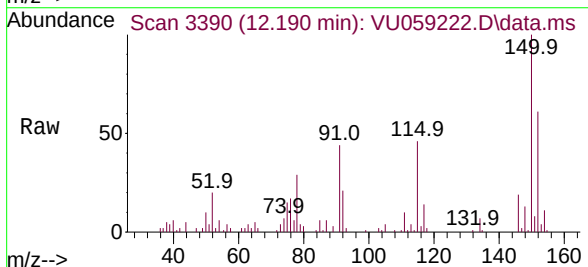
Tgt Ion:152 Resp: 15209

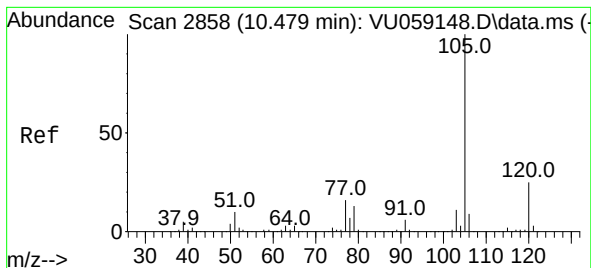
Ion Ratio Lower Upper

152 100

115 75.7 0.0 293.2

150 170.5 0.0 636.0





#69

Isopropylbenzene

Concen: 0.873 ug/l

RT: 10.479 min Scan# 2858

Delta R.T. 0.000 min

Lab File: VU059222.D

Acq: 12 Jun 2024 14:38

Instrument :

MSVOA_U

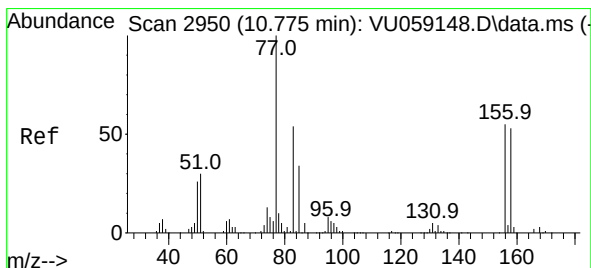
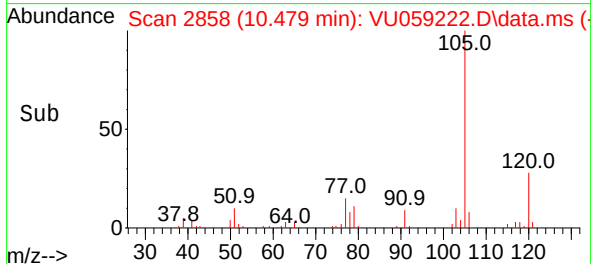
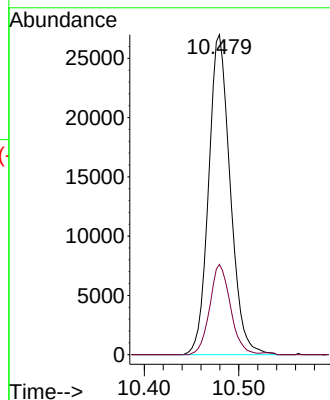
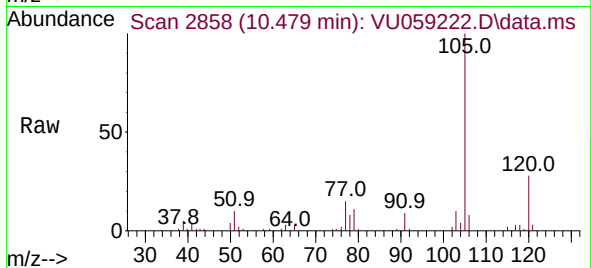
ClientSampleId :

Tgt Ion:105 Resp: 42815

Ion Ratio Lower Upper

105 100

120 27.1 12.7 38.0



#70

1,1,2,2-Tetrachloroethane

Concen: 1.009 ug/l

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU059222.D

Acq: 12 Jun 2024 14:38

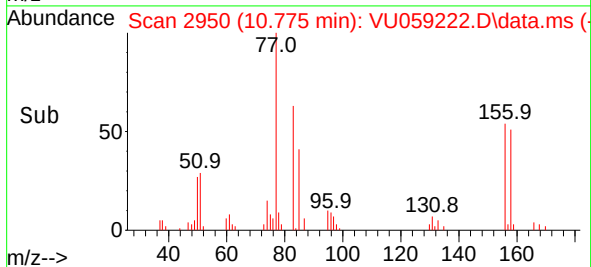
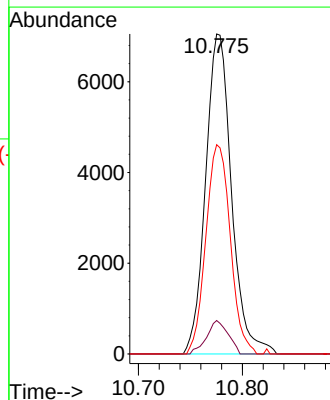
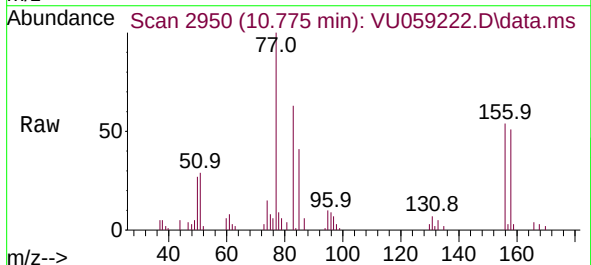
Tgt Ion: 83 Resp: 12196

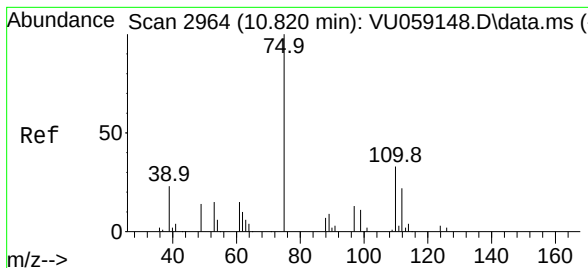
Ion Ratio Lower Upper

83 100

131 8.6 6.6 10.0

85 61.8 50.1 75.1





#71

1,2,3-Trichloropropane

Concen: 1.535 ug/l

RT: 10.820 min Scan# 2964

Delta R.T. 0.000 min

Lab File: VU059222.D

Acq: 12 Jun 2024 14:38

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 75 Resp: 14154

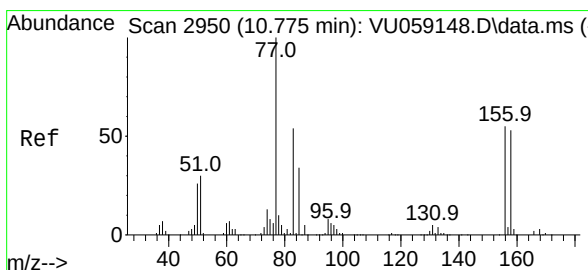
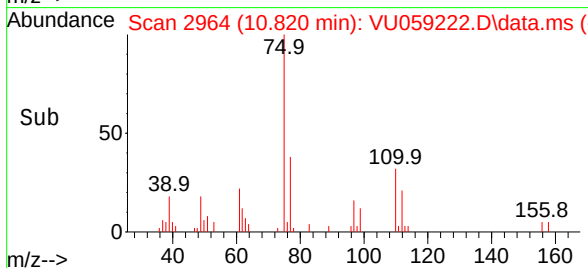
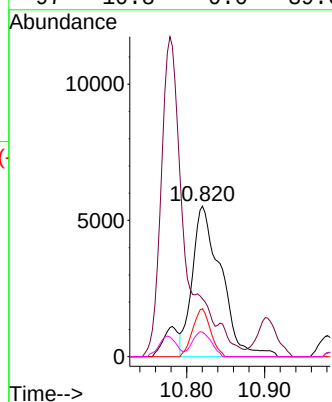
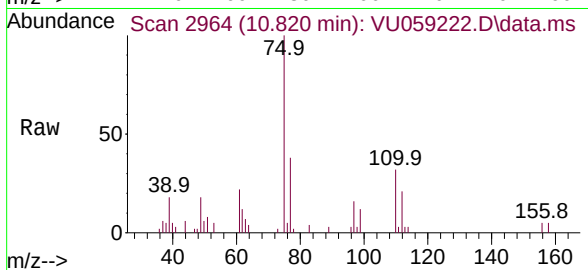
Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

110 19.8 0.0 68.4

97 10.8 0.0 39.6



#72

Bromobenzene

Concen: 0.990 ug/l

RT: 10.778 min Scan# 2951

Delta R.T. 0.003 min

Lab File: VU059222.D

Acq: 12 Jun 2024 14:38

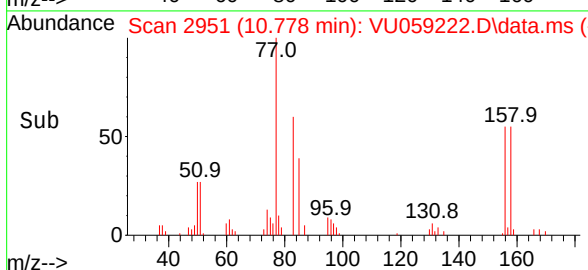
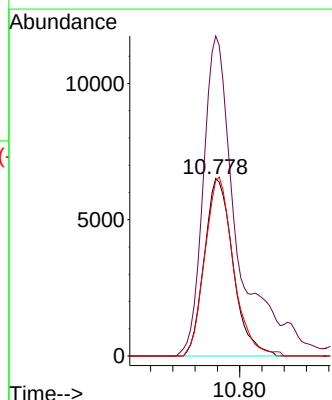
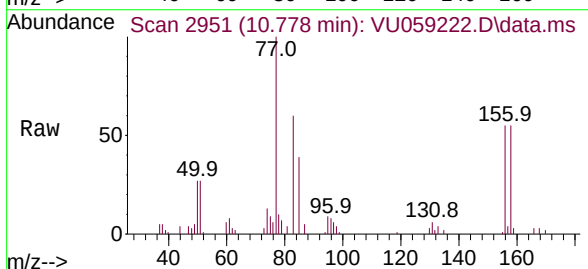
Tgt Ion:156 Resp: 11637

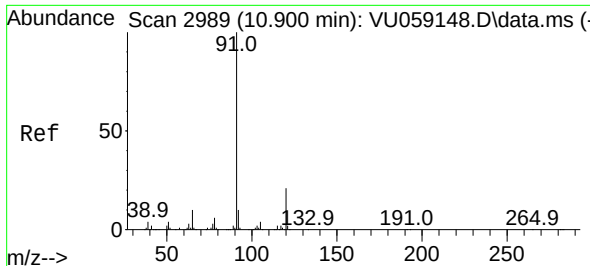
Ion Ratio Lower Upper

156 100

77 204.7 0.0 359.6

158 100.6 0.0 192.2





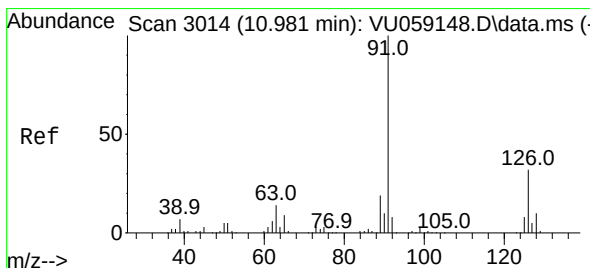
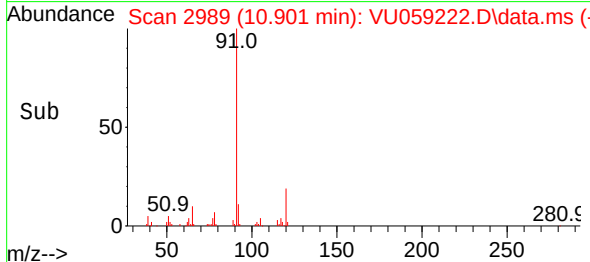
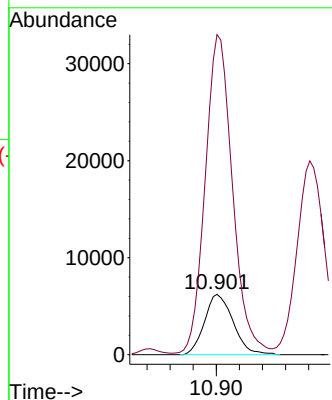
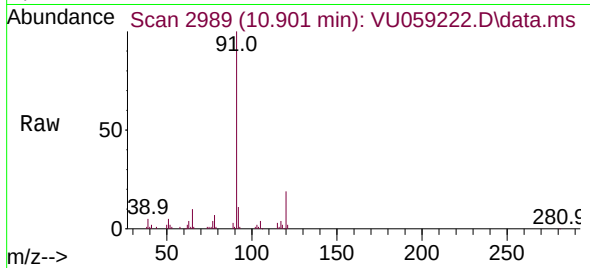
#73
n-propylbenzene
Concen: 0.816 ug/l
RT: 10.901 min Scan# 2989
Delta R.T. 0.000 min
Lab File: VU059222.D
Acq: 12 Jun 2024 14:38

Instrument :

MSVOA_U

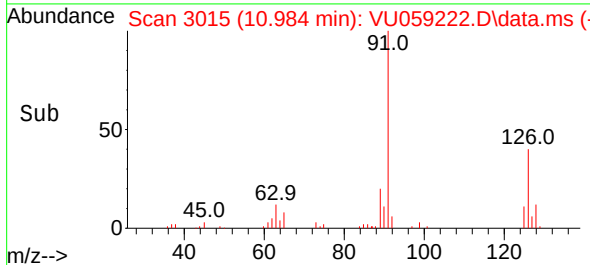
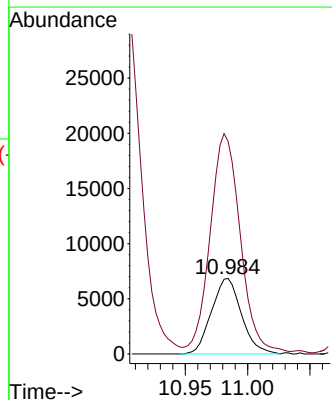
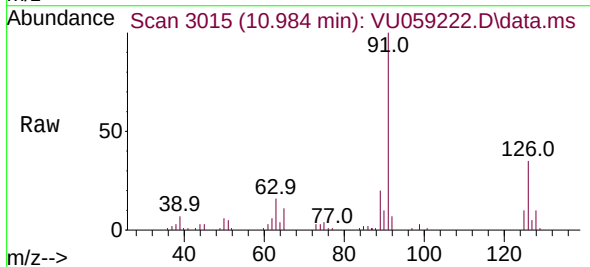
ClientSampleId :

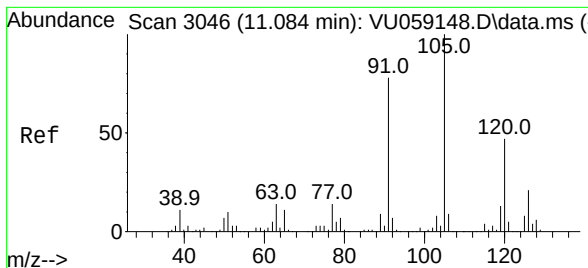
Tgt Ion:120 Resp: 10693
Ion Ratio Lower Upper
120 100
91 502.3 378.6 567.8



#74
2-Chlorotoluene
Concen: 0.955 ug/l
RT: 10.984 min Scan# 3015
Delta R.T. 0.003 min
Lab File: VU059222.D
Acq: 12 Jun 2024 14:38

Tgt Ion:126 Resp: 11448
Ion Ratio Lower Upper
126 100
91 286.5 0.0 627.0





#75

1,3,5-Trimethylbenzene

Concen: 0.841 ug/l

RT: 11.084 min Scan# 3046

Delta R.T. 0.000 min

Lab File: VU059222.D

Acq: 12 Jun 2024 14:38

Instrument :

MSVOA_U

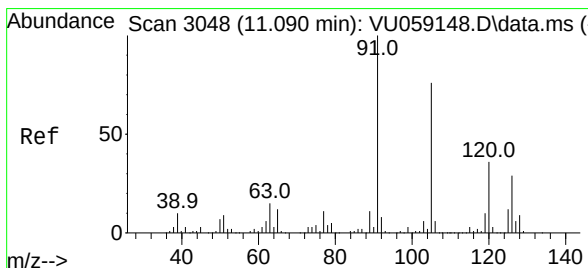
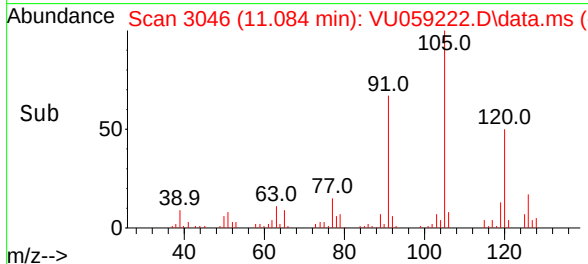
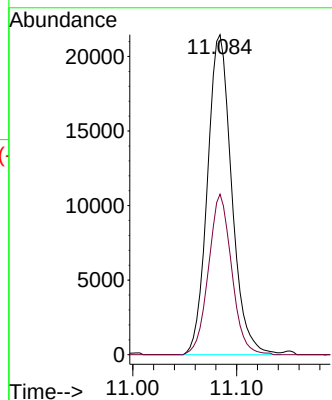
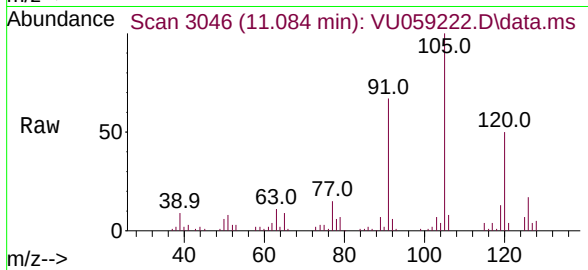
ClientSampleId :

Tgt Ion:105 Resp: 34863

Ion Ratio Lower Upper

105 100

120 47.8 37.5 56.3



#76

4-Chlorotoluene

Concen: 0.889 ug/l

RT: 11.094 min Scan# 3049

Delta R.T. 0.003 min

Lab File: VU059222.D

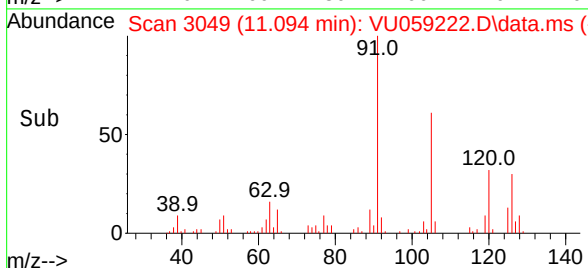
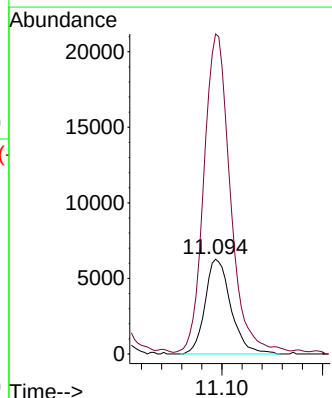
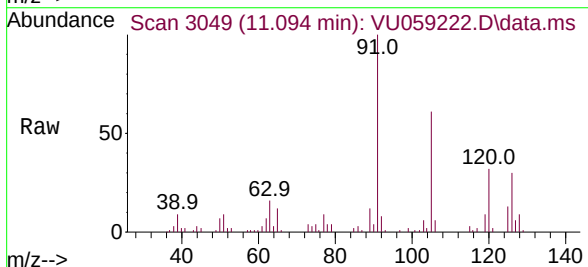
Acq: 12 Jun 2024 14:38

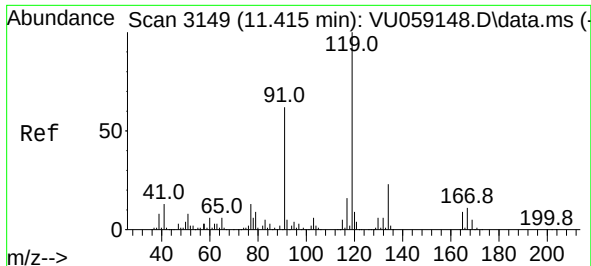
Tgt Ion:126 Resp: 11137

Ion Ratio Lower Upper

126 100

91 343.7 0.0 704.4

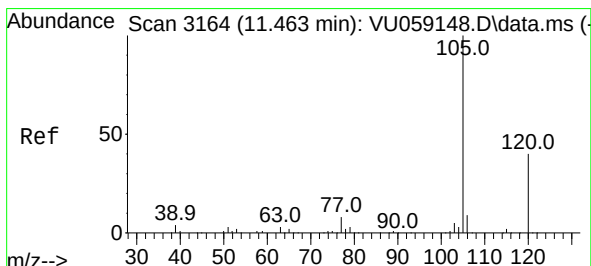
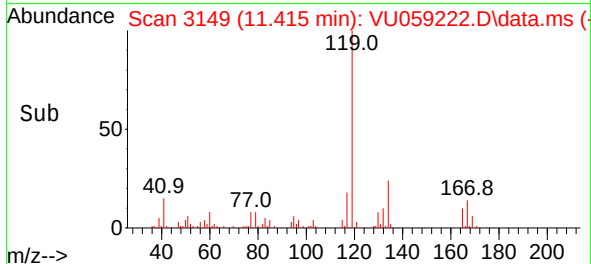
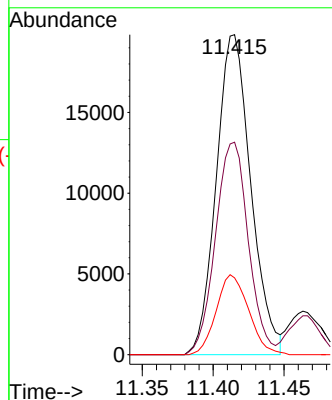
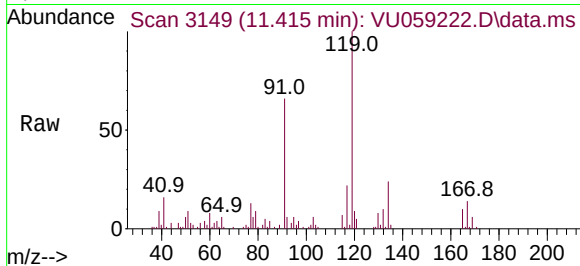




#77
tert-Butylbenzene
Concen: 0.856 ug/l
RT: 11.415 min Scan# 3149
Delta R.T. 0.000 min
Lab File: VU059222.D
Acq: 12 Jun 2024 14:38

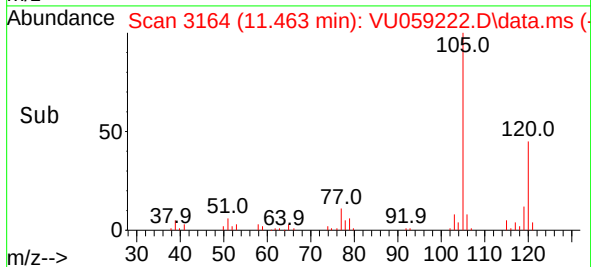
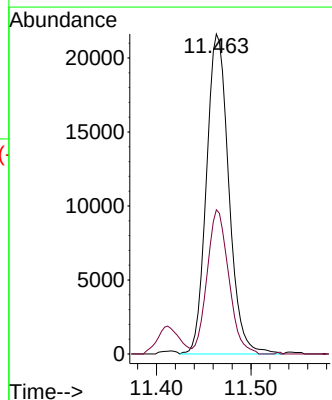
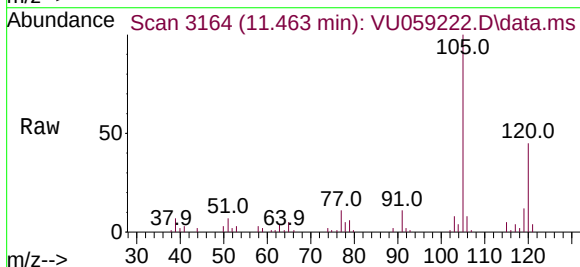
Instrument :
MSVOA_U
ClientSampleId :

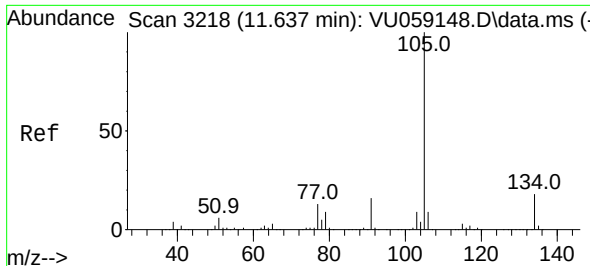
Tgt Ion:119 Resp: 33685
Ion Ratio Lower Upper
119 100
91 63.2 30.7 92.1
134 23.4 17.7 26.5



#78
1,2,4-Trimethylbenzene
Concen: 0.849 ug/l
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU059222.D
Acq: 12 Jun 2024 14:38

Tgt Ion:105 Resp: 35516
Ion Ratio Lower Upper
105 100
120 43.6 21.7 65.1





#79

sec-Butylbenzene

Concen: 0.855 ug/l

RT: 11.637 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU059222.D

Acq: 12 Jun 2024 14:38

Instrument :

MSVOA_U

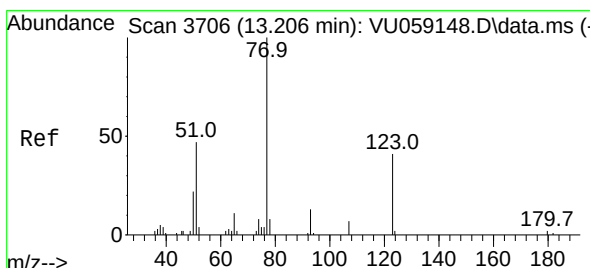
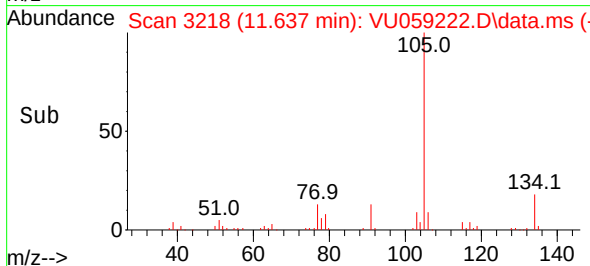
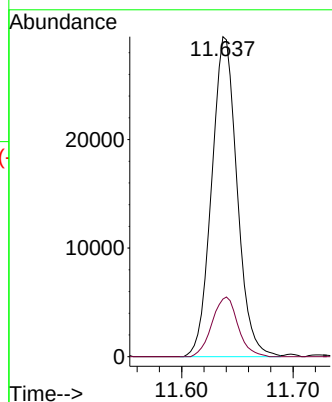
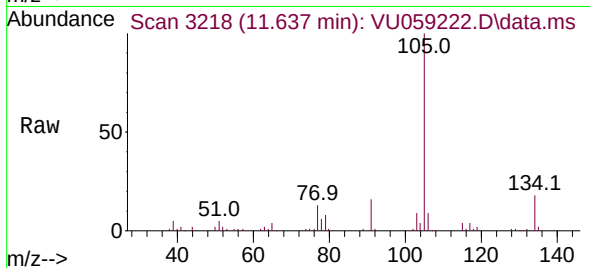
ClientSampleId :

Tgt Ion:105 Resp: 46721

Ion Ratio Lower Upper

105 100

134 19.0 14.5 21.7



#80

Nitrobenzene

Concen: 4.163 ug/l

RT: 13.232 min Scan# 3714

Delta R.T. 0.026 min

Lab File: VU059222.D

Acq: 12 Jun 2024 14:38

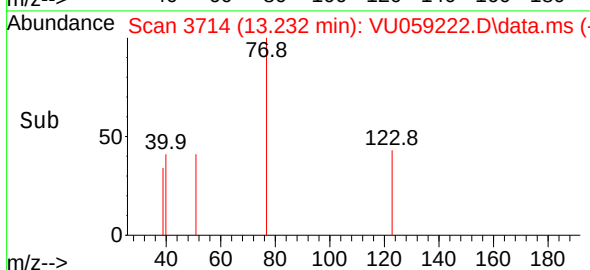
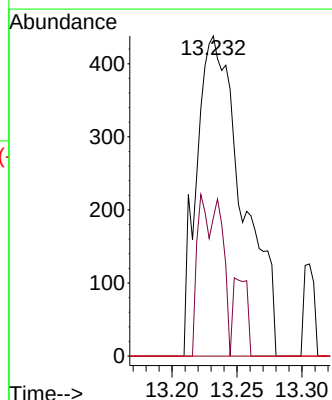
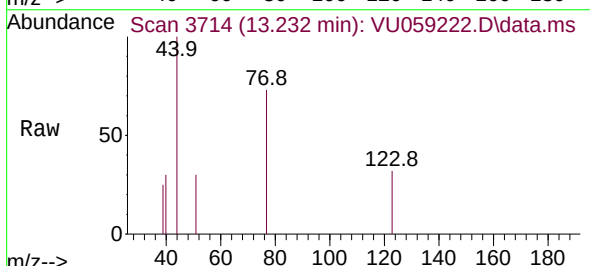
Tgt Ion: 77 Resp: 1077

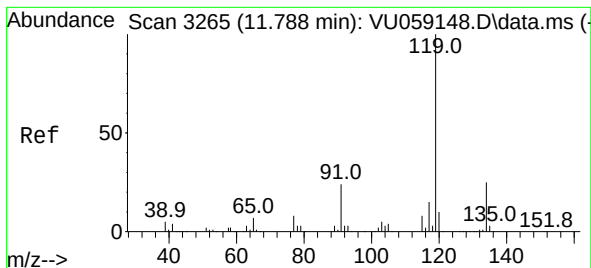
Ion Ratio Lower Upper

77 100

123 13.2 18.3 64.7#

65 0.0 10.6 13.4#





#81

p-Isopropyltoluene

Concen: 0.821 ug/l

RT: 11.788 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU059222.D

Acq: 12 Jun 2024 14:38

Instrument :

MSVOA_U

ClientSampleId :

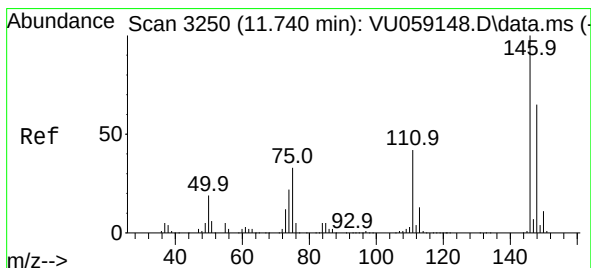
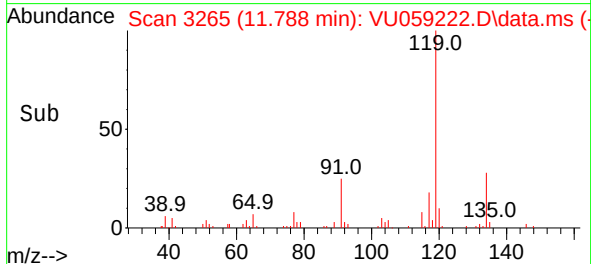
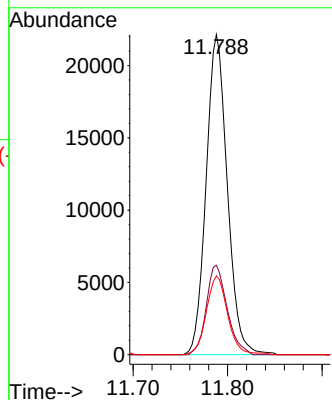
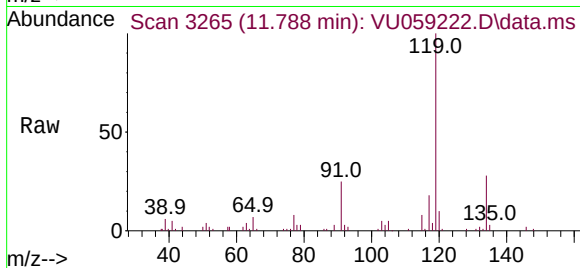
Tgt Ion:119 Resp: 34426

Ion Ratio Lower Upper

119 100

134 27.5 20.2 30.4

91 24.6 19.3 28.9



#82

1,3-Dichlorobenzene

Concen: 0.971 ug/l

RT: 11.743 min Scan# 3251

Delta R.T. 0.003 min

Lab File: VU059222.D

Acq: 12 Jun 2024 14:38

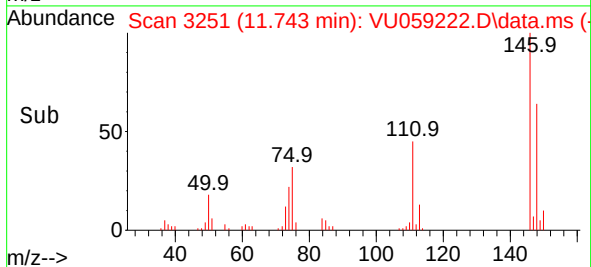
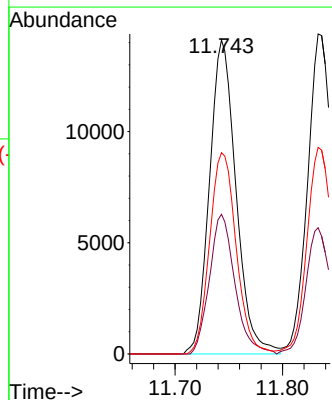
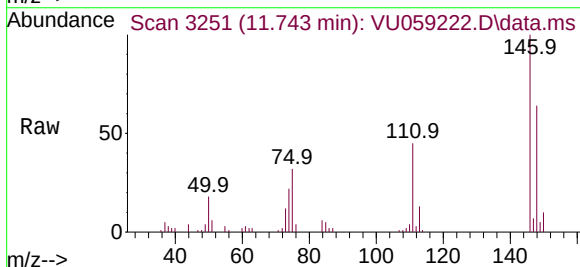
Tgt Ion:146 Resp: 24185

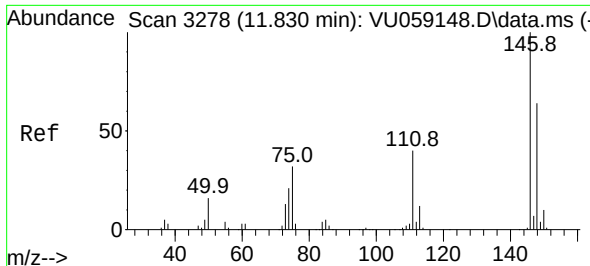
Ion Ratio Lower Upper

146 100

111 42.6 33.4 50.0

148 64.2 51.2 76.8





#83

1,4-Dichlorobenzene

Concen: 0.973 ug/l

RT: 11.833 min Scan# 3278

Delta R.T. 0.003 min

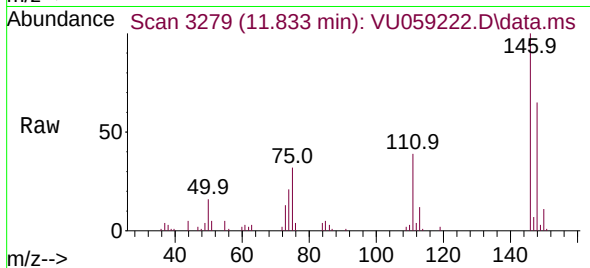
Lab File: VU059222.D

Acq: 12 Jun 2024 14:38

Instrument :

MSVOA_U

ClientSampleId :



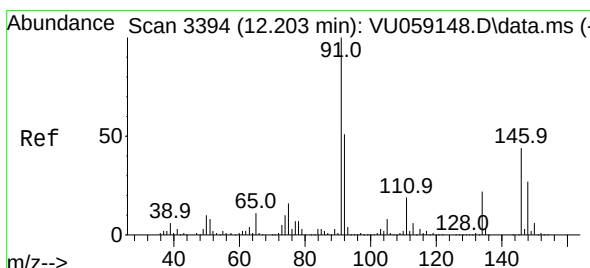
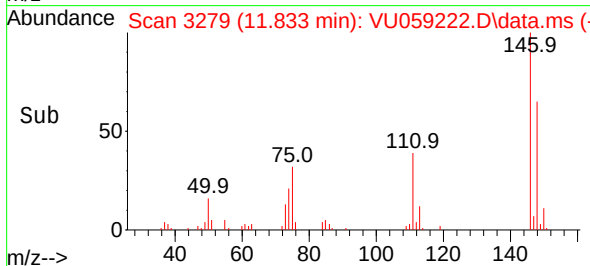
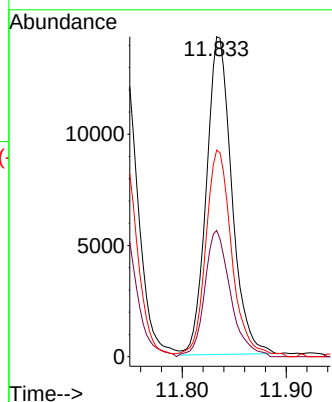
Tgt Ion:146 Resp: 24243

Ion Ratio Lower Upper

146 100

111 40.2 32.1 48.1

148 67.1 51.2 76.8



#84

n-Butylbenzene

Concen: 0.836 ug/l

RT: 12.206 min Scan# 3395

Delta R.T. 0.003 min

Lab File: VU059222.D

Acq: 12 Jun 2024 14:38

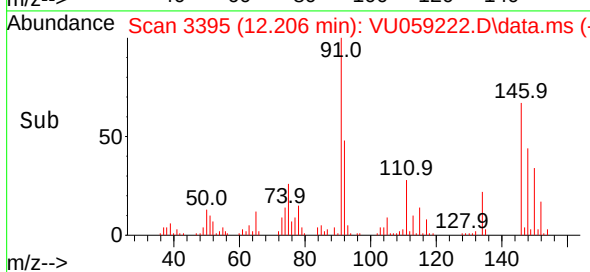
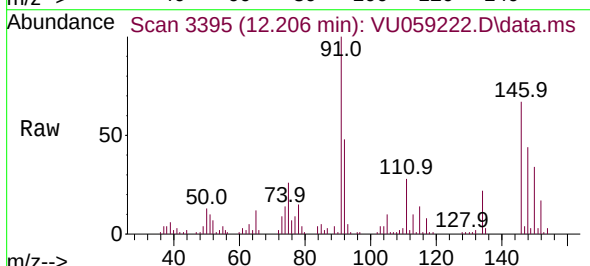
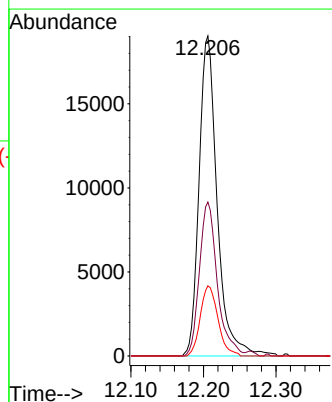
Tgt Ion: 91 Resp: 32978

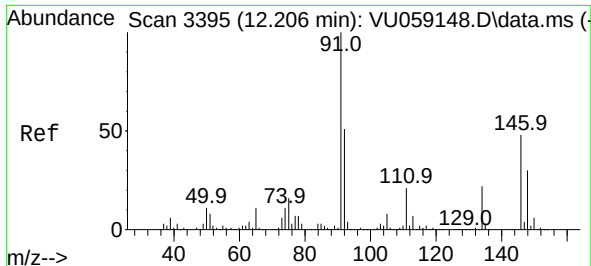
Ion Ratio Lower Upper

91 100

92 47.6 40.7 61.1

134 21.4 17.6 26.4





#85

1,2-Dichlorobenzene

Concen: 1.012 ug/l

RT: 12.209 min Scan# 3395

Delta R.T. 0.003 min

Lab File: VU059222.D

Acq: 12 Jun 2024 14:38

Instrument :

MSVOA_U

ClientSampleId :

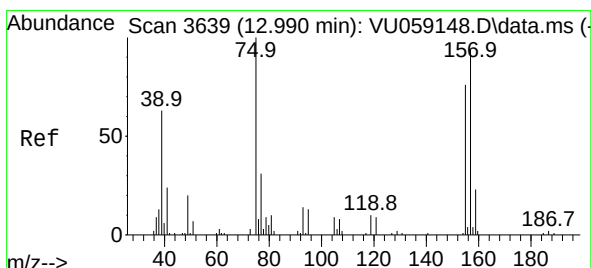
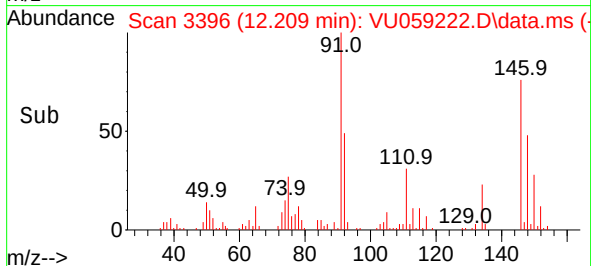
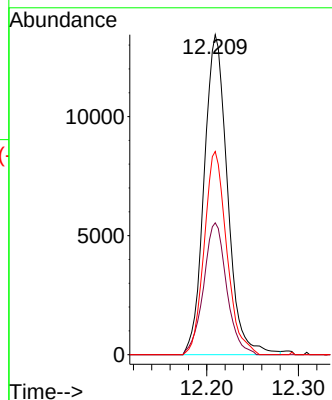
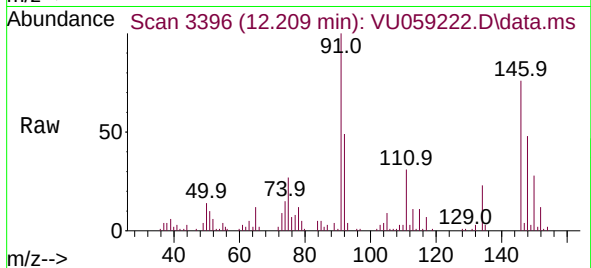
Tgt Ion:146 Resp: 23784

Ion Ratio Lower Upper

146 100

111 40.6 21.8 65.3

148 61.3 31.3 93.9



#86

1,2-Dibromo-3-Chloropropane

Concen: 0.855 ug/l

RT: 12.997 min Scan# 3641

Delta R.T. 0.007 min

Lab File: VU059222.D

Acq: 12 Jun 2024 14:38

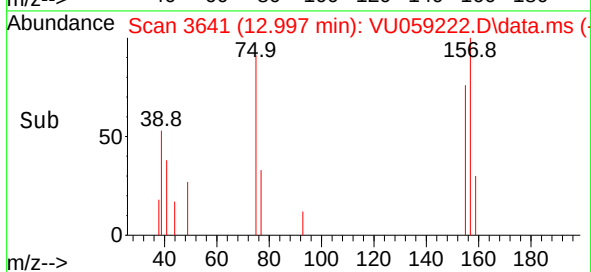
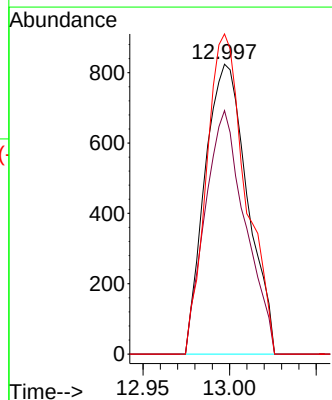
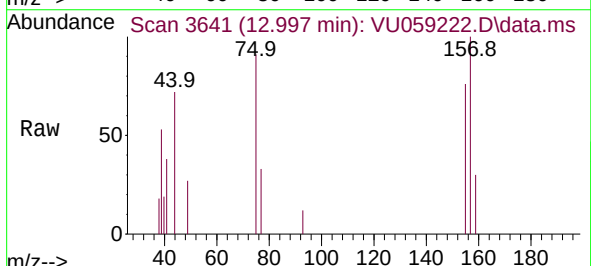
Tgt Ion: 75 Resp: 1406

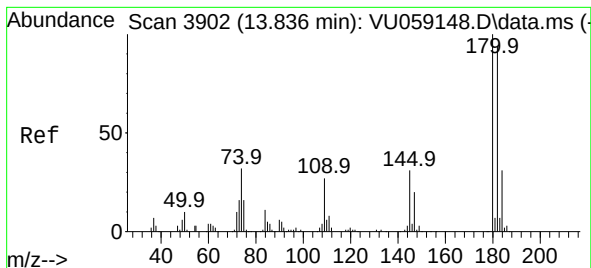
Ion Ratio Lower Upper

75 100

155 78.9 61.2 91.8

157 102.3 75.8 113.6





#87

1,2,4-Trichlorobenzene

Concen: 0.997 ug/l

RT: 13.839 min Scan# 3903

Delta R.T. 0.003 min

Lab File: VU059222.D

Acq: 12 Jun 2024 14:38

Instrument :

MSVOA_U

ClientSampleId :

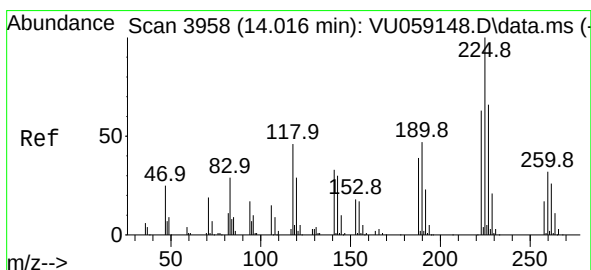
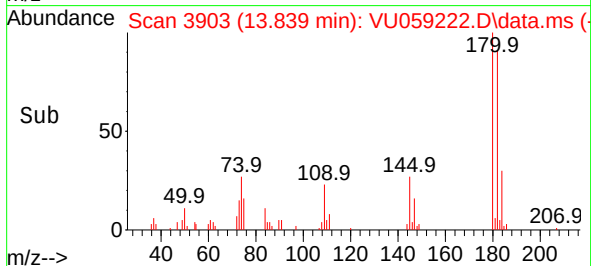
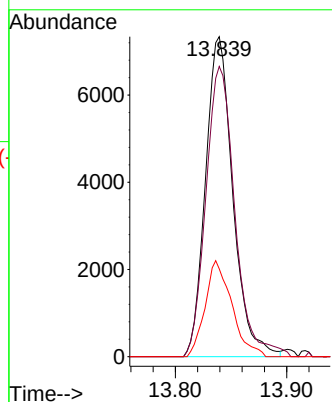
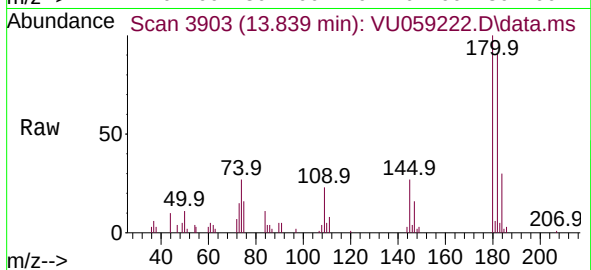
Tgt Ion:180 Resp: 12549

Ion Ratio Lower Upper

180 100

182 95.8 75.7 113.5

145 29.2 24.6 36.8



#88

Hexachlorobutadiene

Concen: 1.033 ug/l

RT: 14.013 min Scan# 3957

Delta R.T. -0.003 min

Lab File: VU059222.D

Acq: 12 Jun 2024 14:38

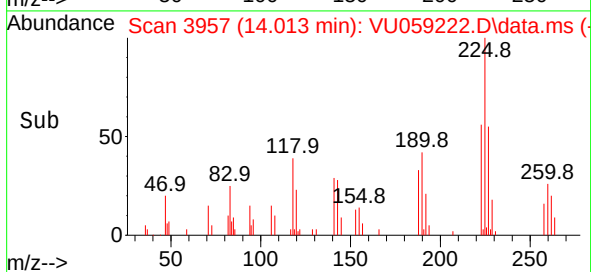
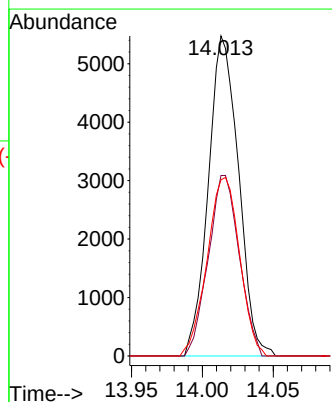
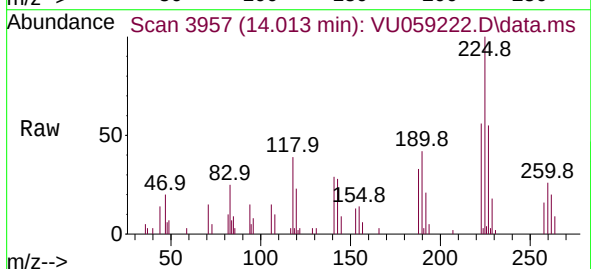
Tgt Ion:225 Resp: 8118

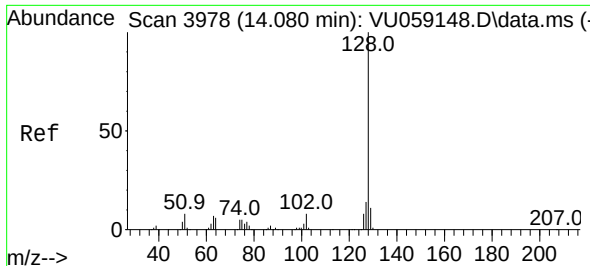
Ion Ratio Lower Upper

225 100

223 57.8 50.0 75.0

227 59.8 51.8 77.8





#89

Naphthalene

Concen: 0.796 ug/l

RT: 14.090 min Scan# 3978

Delta R.T. 0.010 min

Lab File: VU059222.D

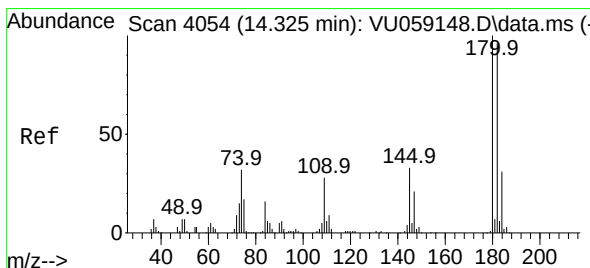
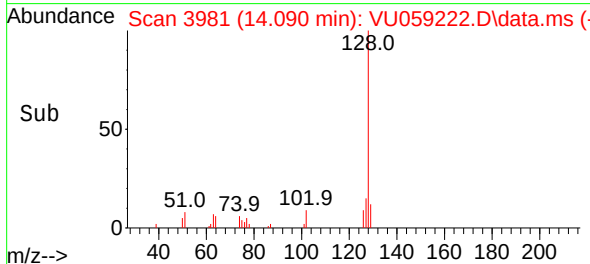
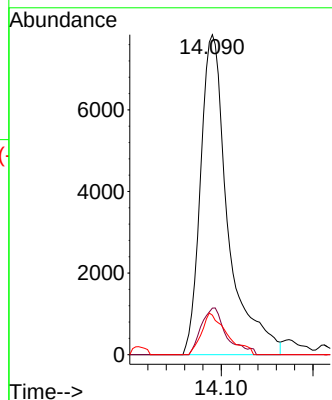
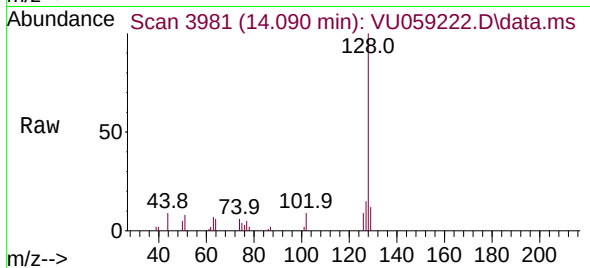
Acq: 12 Jun 2024 14:38

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:128	Resp:	16295
Ion Ratio	Lower	Upper
128	100	
127	13.3	10.7 16.1
129	12.0	8.4 12.6



#90

1,2,3-Trichlorobenzene

Concen: 0.947 ug/l

RT: 14.328 min Scan# 4055

Delta R.T. 0.003 min

Lab File: VU059222.D

Acq: 12 Jun 2024 14:38

Tgt Ion:180	Resp:	10841
Ion Ratio	Lower	Upper
180	100	
182	96.9	76.3 114.5
145	29.1	26.5 39.7

