

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061224\
 Data File : VU059223.D
 Acq On : 12 Jun 2024 15:26
 Operator : MD/SY
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 13 03:02:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U060524DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jun 06 08:51:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.110	96	47831	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	17267	1.061	ug/l	0.00
Spiked Amount 1.000			Recovery	=	106.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	17826	1.046	ug/l	0.00
Spiked Amount 1.000			Recovery	=	105.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	142521	9.511	ug/l	99
3) Chloromethane	1.515	50	160219	8.882	ug/l	99
4) Vinyl Chloride	1.602	62	171829	9.425	ug/l	100
5) Bromomethane	1.853	94	100825	9.102	ug/l	98
6) Chloroethane	1.930	64	109207	9.312	ug/l	98
7) Trichlorofluoromethane	2.132	101	203251	8.986	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	116124	9.986	ug/l	98
9) 1,1-Dichloroethene	2.573	96	114177	9.910	ug/l	95
10) Iodomethane	2.714	142	171774	11.826	ug/l	98
11) Allyl Chloride	2.917	41	143667	9.227	ug/l	100
12) Acrylonitrile	3.319	53	52408	20.135	ug/l	98
13) Acetone	2.631	43	189821	47.925	ug/l	100
14) Carbon Disulfide	2.788	76	347534	9.465	ug/l	100
15) Methylene Chloride	3.039	84	151499	9.592	ug/l	97
16) trans-1,2-Dichloroethene	3.345	96	128635	10.233	ug/l	98
17) 1,1-Dichloroethane	3.859	63	250717	9.524	ug/l	99
18) 2-Butanone	4.702	43	217148	49.426	ug/l	100
19) Cyclohexane	5.380	56	173334	9.098	ug/l	# 85
20) Methylcyclohexane	6.759	83	212881	11.120	ug/l	96
21) 2,2-Dichloropropane	4.657	77	186322	9.570	ug/l	97
22) cis-1,2-Dichloroethene	4.660	96	143575	10.510	ug/l	96
23) Diethyl Ether	2.370	59	100320	9.287	ug/l	97
24) tert-Butyl Alcohol	3.206	59	64607	93.233	ug/l	100
25) Methyl tert-Butyl Ether	3.354	73	281915	10.206	ug/l	98
26) Bromochloromethane	4.965	128	61802	10.711	ug/l	91
27) Chloroform	5.081	83	257189	9.719	ug/l	98
28) 1,1,1-Trichloroethane	5.309	97	207085	9.925	ug/l	99
29) 1,1-Dichloropropene	5.521	75	182960	10.465	ug/l	98
30) Carbon Tetrachloride	5.518	117	168665	9.857	ug/l	98
31) Isopropyl Ether	3.981	45	345259	10.001	ug/l	100
32) Ethyl-t-butyl ether	4.493	59	326150	10.154	ug/l	97
33) Tert-Amyl methyl ether	5.933	73	299202	10.552	ug/l	100
34) Propionitrile	4.779	54	51286	50.958	ug/l	98
35) Benzene	5.766	78	557177	10.133	ug/l	99
36) 1,2-Dichloroethane	5.788	62	157596	9.664	ug/l	98
37) Trichloroethene	6.537	130	135841	10.344	ug/l	99
38) 1,2-Dichloropropane	6.785	63	150743	9.654	ug/l	99
39) Methacrylonitrile	4.968	41	38076	10.145	ug/l	97
40) Methyl acrylate	4.840	55	66763	10.156	ug/l	97
41) Tetrahydrofuran	5.052	42	36775	18.320	ug/l	95
42) 1-Chlorobutane	5.451	56	247932	10.261	ug/l	97
43) Dibromomethane	6.914	93	71689	10.140	ug/l	96
44) Bromodichloromethane	7.100	83	184022	10.046	ug/l	100

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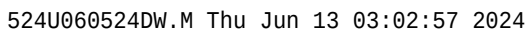
Instrument :
 MSVOA_U
 ClientSampleId :

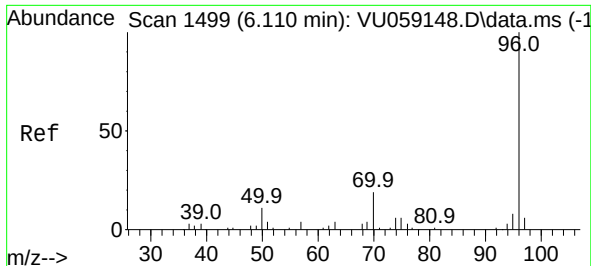
Quant Time: Jun 13 03:02:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U060524DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.785	43	375161	49.498	ug/l	99
46) t-1,4-Dichloro-2-butene	10.820	75	161485	50.208	ug/l #	47
47) Methyl methacrylate	6.955	69	130007	21.414	ug/l	96
48) Ethyl methacrylate	8.328	69	114638	10.688	ug/l	99
49) Toluene	7.965	92	333871	11.025	ug/l	100
50) t-1,3-Dichloropropene	8.206	75	159438	10.172	ug/l	98
51) cis-1,3-Dichloropropene	7.602	75	194713	10.141	ug/l	98
52) 1,1,2-Trichloroethane	8.393	97	104429	9.996	ug/l	97
53) 1,3-Dichloropropane	8.570	76	183134	10.175	ug/l	100
54) 2-Hexanone	8.679	43	313655	44.647	ug/l	98
55) Dibromochloromethane	8.804	129	116051	10.264	ug/l	98
56) 1,2-Dibromoethane	8.917	107	91903	10.031	ug/l	99
58) Tetrachloroethene	8.550	164	133307	11.012	ug/l	95
59) Chlorobenzene	9.441	112	360158	10.870	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.528	131	121991	10.280	ug/l	99
61) Pentachloroethane	11.422	117	89227	9.692	ug/l	94
62) Hexachloroethane	12.470	117	101099	10.803	ug/l	91
63) Ethyl Benzene	9.566	91	640050	11.443	ug/l	99
64) m/p-Xylenes	9.688	106	496183	23.518	ug/l	100
65) o-Xylene	10.097	106	236784	11.381	ug/l	98
66) Styrene	10.110	104	402344	10.038	ug/l	98
67) Bromoform	10.287	173	65894	10.764	ug/l	98
69) Isopropylbenzene	10.479	105	628453	11.789	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.775	83	130246	9.917	ug/l	97
71) 1,2,3-Trichloropropane	10.820	75	161485	16.110	ug/l #	78
72) Bromobenzene	10.778	156	144880	11.337	ug/l	95
73) n-propylbenzene	10.901	120	175387	10.244	ug/l	95
74) 2-Chlorotoluene	10.981	126	148976	11.437	ug/l	98
75) 1,3,5-Trimethylbenzene	11.084	105	541404	9.904	ug/l	99
76) 4-Chlorotoluene	11.094	126	157650	11.577	ug/l	97
77) tert-Butylbenzene	11.415	119	498717	11.656	ug/l	99
78) 1,2,4-Trimethylbenzene	11.463	105	562484	10.024	ug/l	99
79) sec-Butylbenzene	11.640	105	717955	10.103	ug/l	98
80) Nitrobenzene	13.206	77	17549	48.180	ug/l	99
81) p-Isopropyltoluene	11.788	119	587373	10.288	ug/l	99
82) 1,3-Dichlorobenzene	11.740	146	301249	11.125	ug/l	99
83) 1,4-Dichlorobenzene	11.833	146	302465	11.170	ug/l	100
84) n-Butylbenzene	12.203	91	564851	10.310	ug/l	99
85) 1,2-Dichlorobenzene	12.206	146	286194	11.198	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.991	75	18929	10.591	ug/l	94
87) 1,2,4-Trichlorobenzene	13.836	180	171527	12.538	ug/l	99
88) Hexachlorobutadiene	14.016	225	103591	12.130	ug/l	99
89) Naphthalene	14.084	128	260700	11.710	ug/l	99
90) 1,2,3-Trichlorobenzene	14.325	180	157189	12.637	ug/l	99

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

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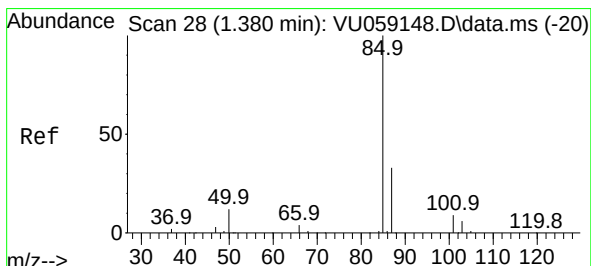
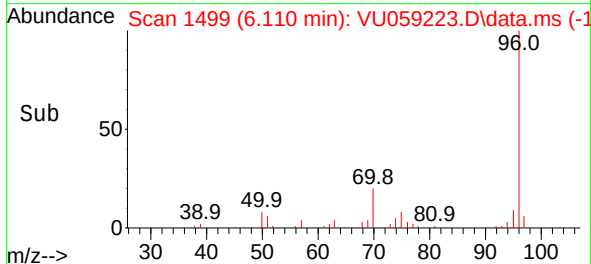
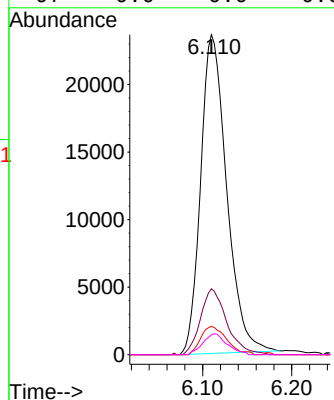
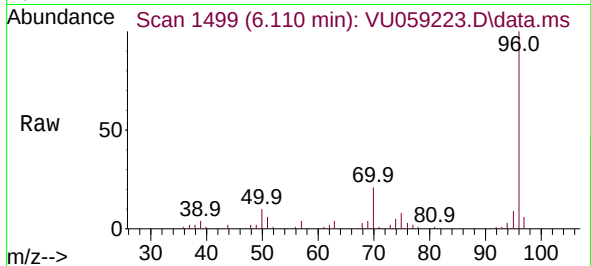




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 1499
Delta R.T. -0.000 min
Lab File: VU059223.D
Acq: 12 Jun 2024 15:26

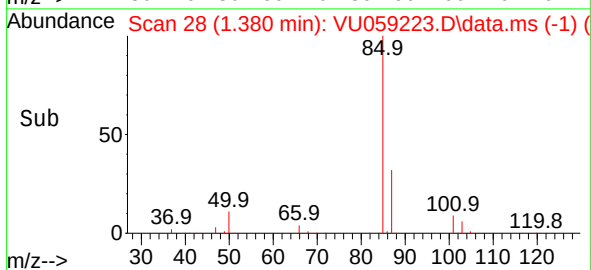
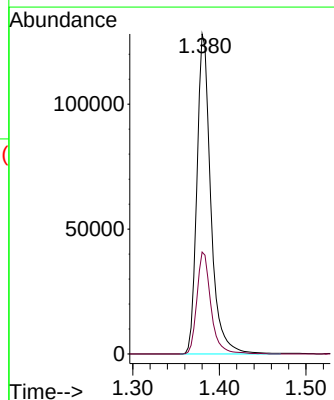
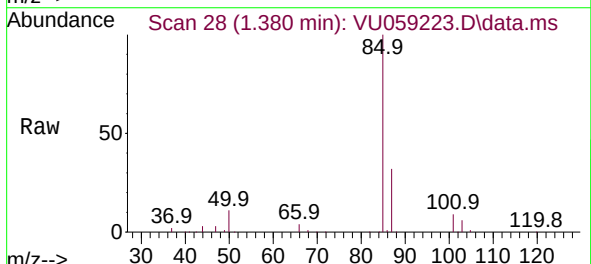
Instrument :
MSVOA_U
ClientSampleId :

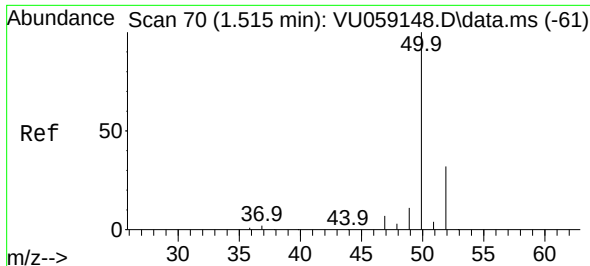
Tgt Ion: 96	Resp: 47831
Ion Ratio	Lower Upper
96 100	
70 20.8	16.6 24.8
95 8.9	7.1 10.7
97 0.0	0.0 0.0



#2
Dichlorodifluoromethane
Concen: 9.511 ug/l
RT: 1.380 min Scan# 28
Delta R.T. 0.000 min
Lab File: VU059223.D
Acq: 12 Jun 2024 15:26

Tgt Ion: 85	Resp: 142521
Ion Ratio	Lower Upper
85 100	
87 31.9	16.3 48.9





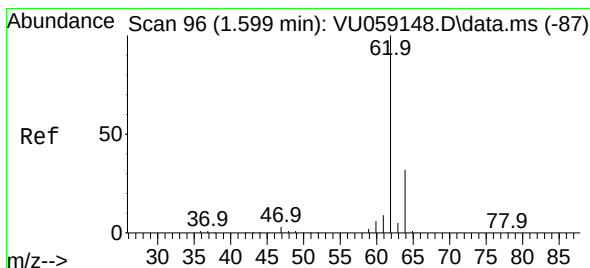
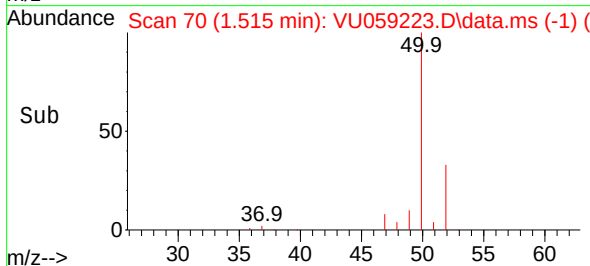
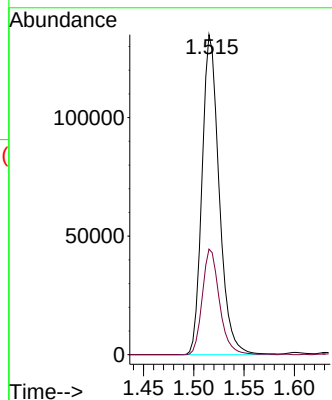
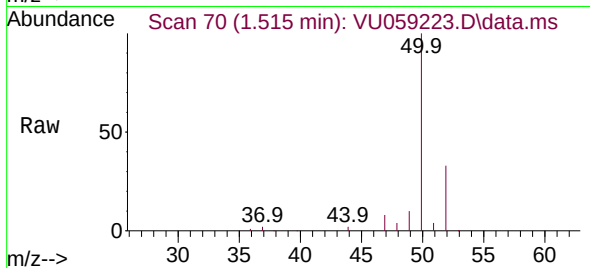
#3
Chloromethane
Concen: 8.882 ug/l
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU059223.D
Acq: 12 Jun 2024 15:26

Instrument :

MSVOA_U

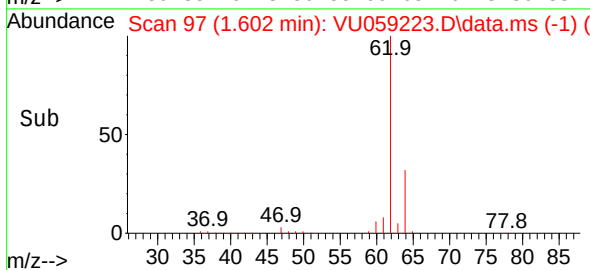
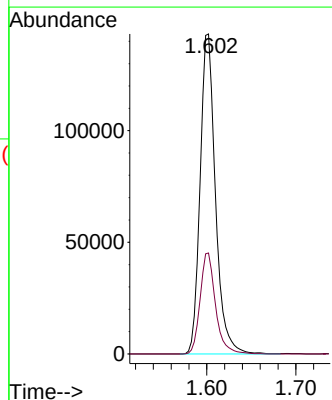
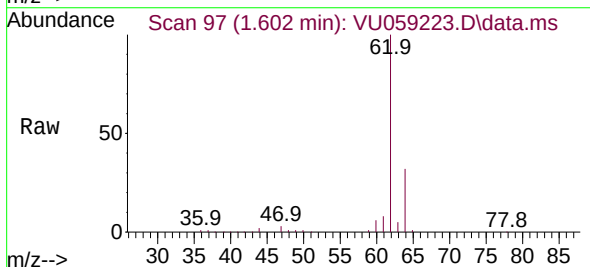
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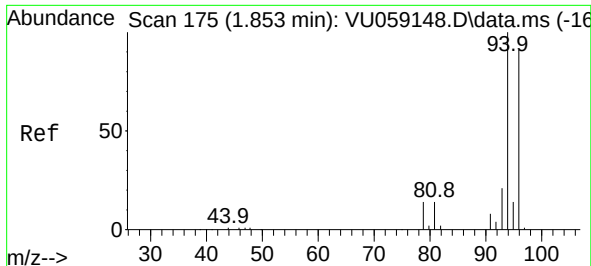
Tgt Ion: 50 Resp: 160219
Ion Ratio Lower Upper
50 100
52 33.0 26.0 39.0



#4
Vinyl Chloride
Concen: 9.425 ug/l
RT: 1.602 min Scan# 97
Delta R.T. 0.003 min
Lab File: VU059223.D
Acq: 12 Jun 2024 15:26

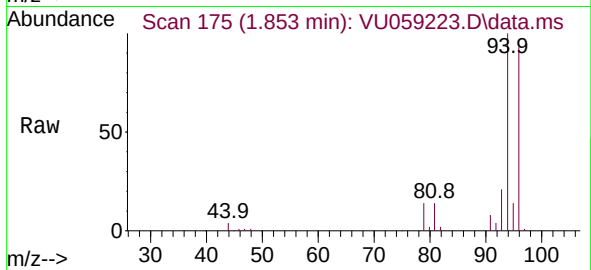
Tgt Ion: 62 Resp: 171829
Ion Ratio Lower Upper
62 100
64 31.6 25.2 37.8



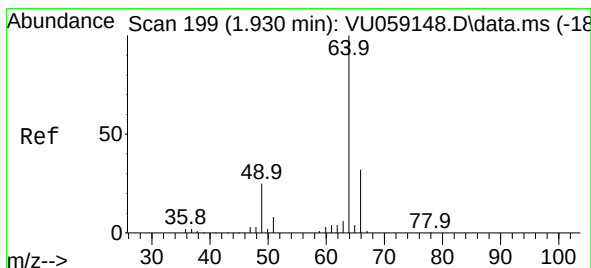
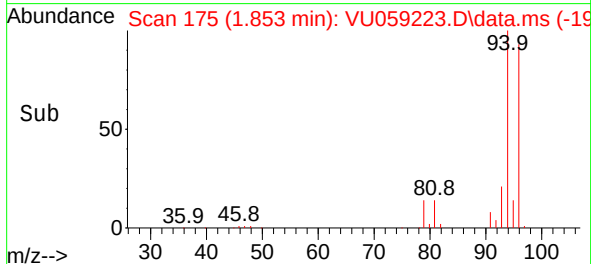
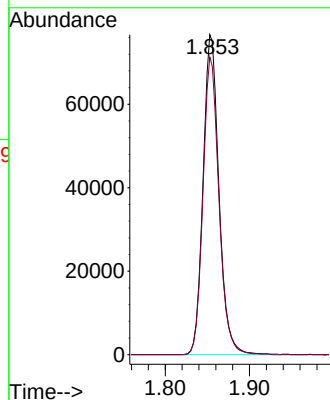


#5
Bromomethane
Concen: 9.102 ug/l
RT: 1.853 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU059223.D
Acq: 12 Jun 2024 15:26

Instrument :
MSVOA_U
ClientSampleId :

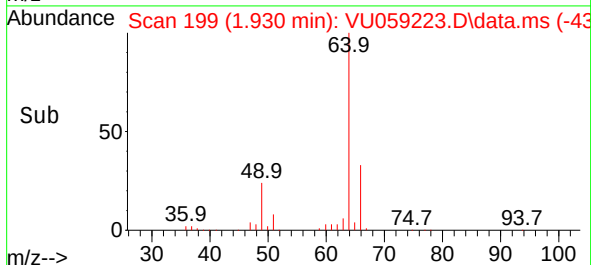
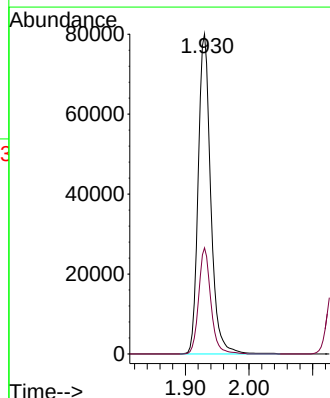
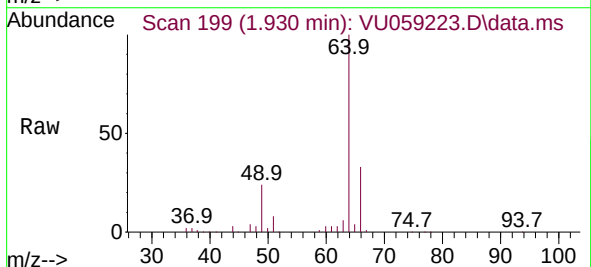


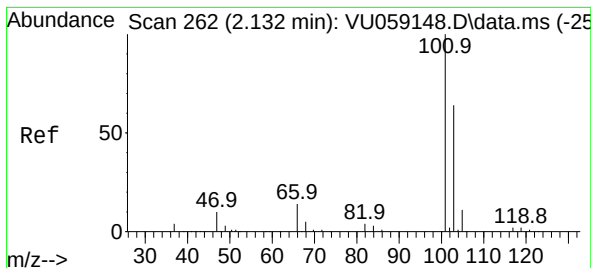
Tgt Ion: 94 Resp: 100825
Ion Ratio Lower Upper
94 100
96 93.1 72.7 109.1



#6
Chloroethane
Concen: 9.312 ug/l
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU059223.D
Acq: 12 Jun 2024 15:26

Tgt Ion: 64 Resp: 109207
Ion Ratio Lower Upper
64 100
66 33.1 25.5 38.3

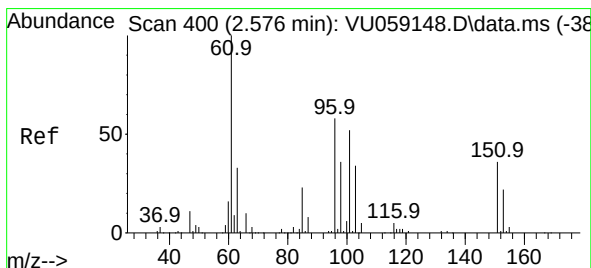
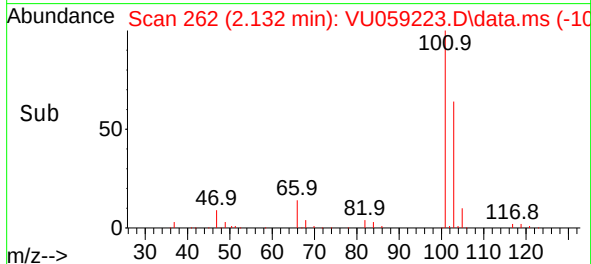
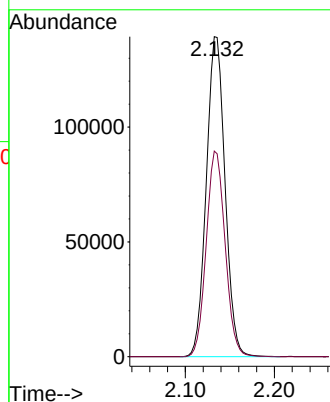
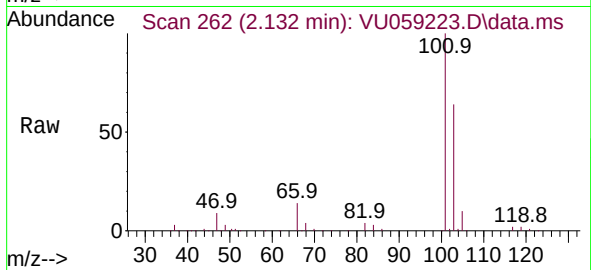




#7
 Trichlorofluoromethane
 Concen: 8.986 ug/l
 RT: 2.132 min Scan# 203251
 Delta R.T. 0.000 min
 Lab File: VU059223.D
 Acq: 12 Jun 2024 15:26

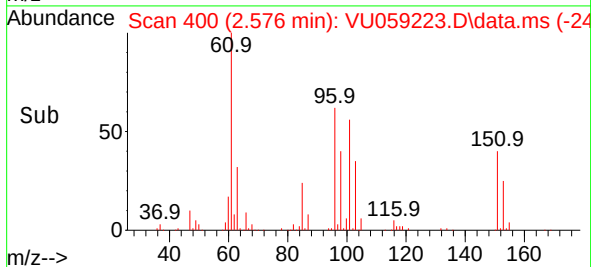
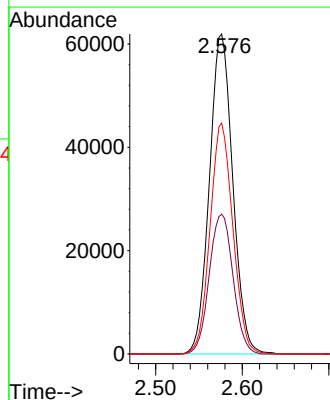
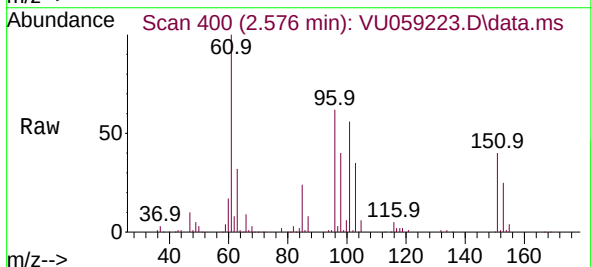
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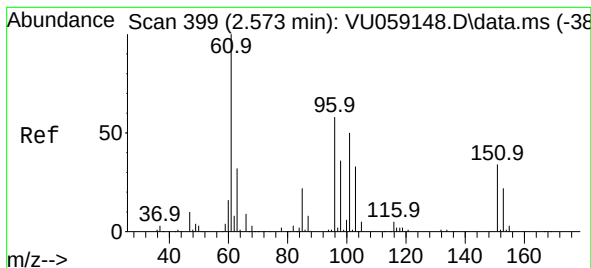
Tgt Ion:101 Resp: 203251
 Ion Ratio Lower Upper
 101 100
 103 64.3 51.1 76.7



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 9.986 ug/l
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU059223.D
 Acq: 12 Jun 2024 15:26

Tgt Ion:101 Resp: 116124
 Ion Ratio Lower Upper
 101 100
 85 44.5 36.1 54.1
 151 70.6 55.0 82.6





#9

1,1-Dichloroethene

Concen: 9.910 ug/l

RT: 2.573 min Scan# 399

Delta R.T. 0.000 min

Lab File: VU059223.D

Acq: 12 Jun 2024 15:26

Instrument :

MSVOA_U

ClientSampleId :

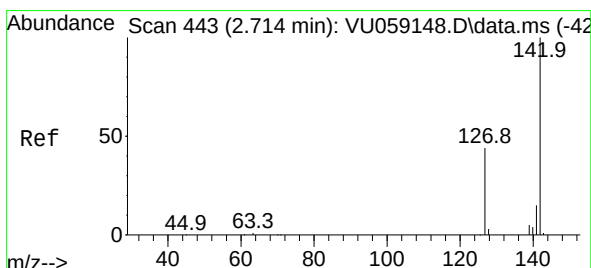
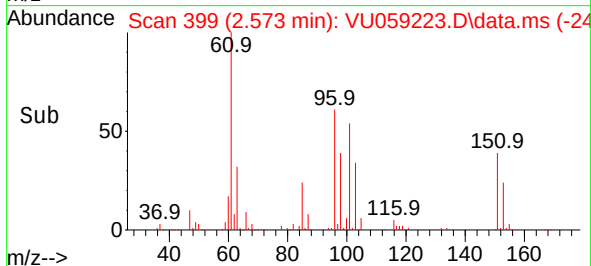
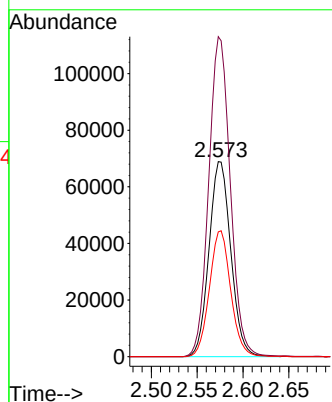
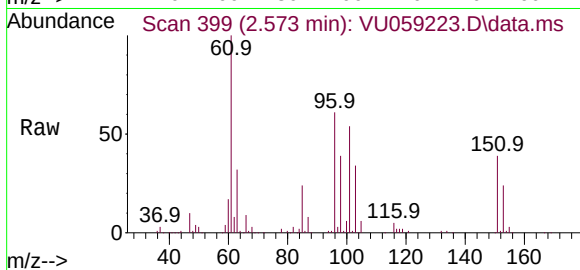
Tgt Ion: 96 Resp: 114177

Ion Ratio Lower Upper

96 100

61 164.1 0.0 515.4

98 64.0 0.0 124.4



#10

Iodomethane

Concen: 11.826 ug/l

RT: 2.714 min Scan# 443

Delta R.T. 0.000 min

Lab File: VU059223.D

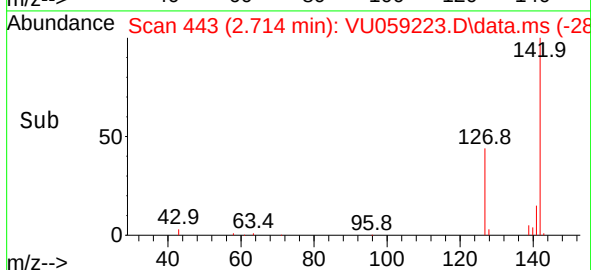
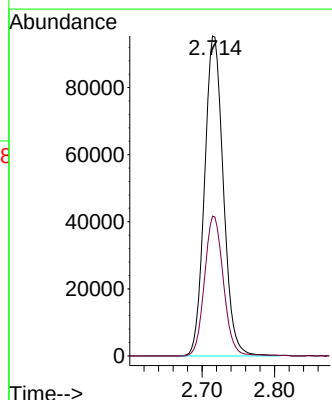
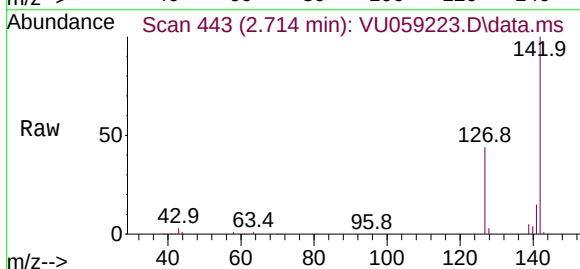
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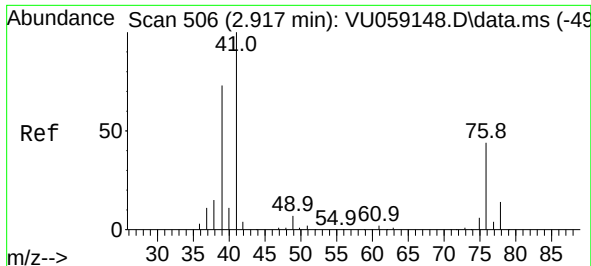
Tgt Ion: 142 Resp: 171774

Ion Ratio Lower Upper

142 100

127 44.0 36.2 54.4





#11

Allyl Chloride

Concen: 9.227 ug/l

RT: 2.917 min Scan# 506

Delta R.T. 0.000 min

Lab File: VU059223.D

Acq: 12 Jun 2024 15:26

Instrument :

MSVOA_U

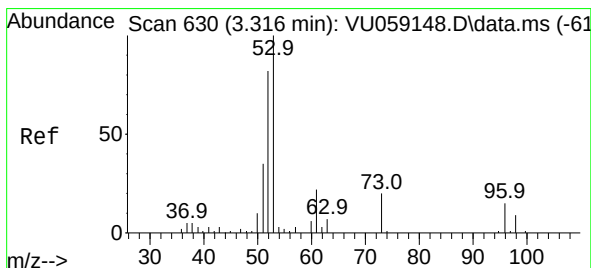
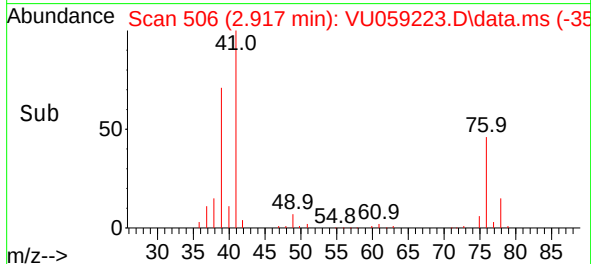
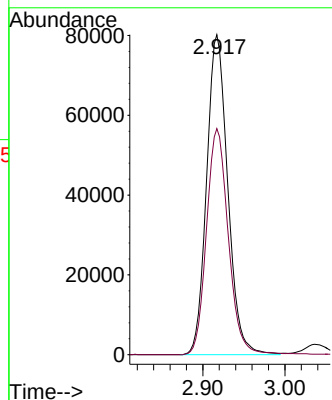
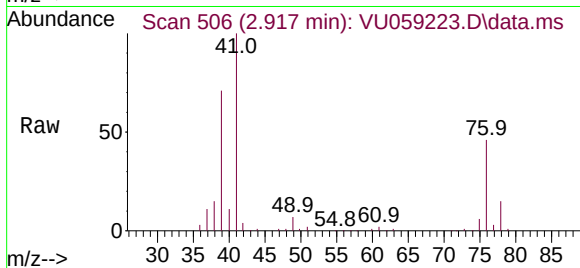
ClientSampleId :

Tgt Ion: 41 Resp: 143667

Ion Ratio Lower Upper

41 100

39 72.8 58.1 87.1



#12

Acrylonitrile

Concen: 20.135 ug/l

RT: 3.319 min Scan# 631

Delta R.T. 0.003 min

Lab File: VU059223.D

Acq: 12 Jun 2024 15:26

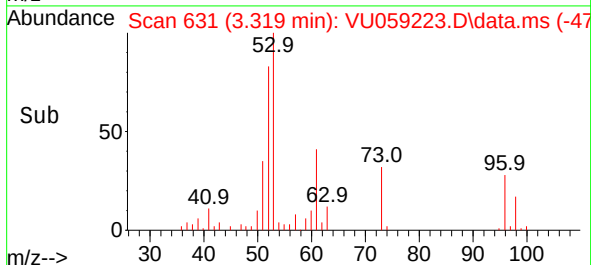
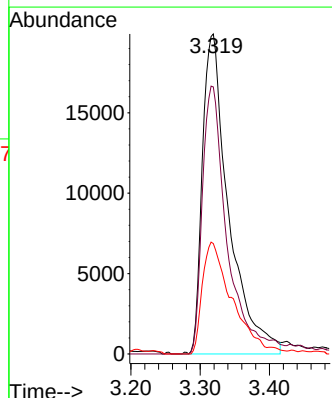
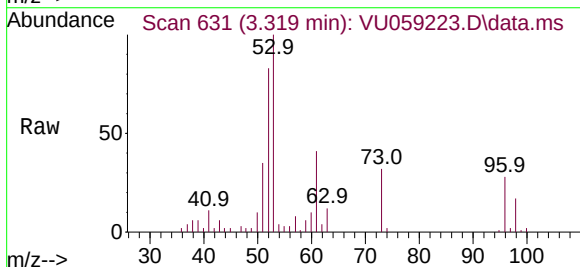
Tgt Ion: 53 Resp: 52408

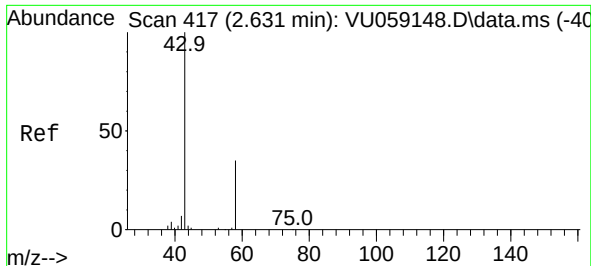
Ion Ratio Lower Upper

53 100

52 79.1 64.2 96.4

51 39.8 33.0 49.4





#13

Acetone

Concen: 47.925 ug/l

RT: 2.631 min Scan# 417

Delta R.T. 0.000 min

Lab File: VU059223.D

Acq: 12 Jun 2024 15:26

Instrument :

MSVOA_U

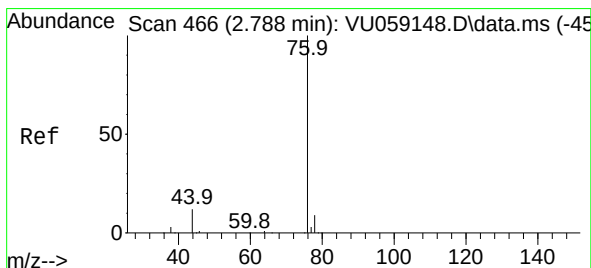
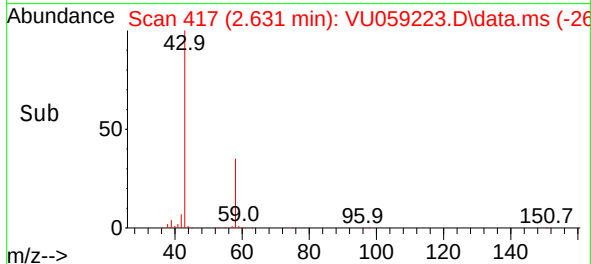
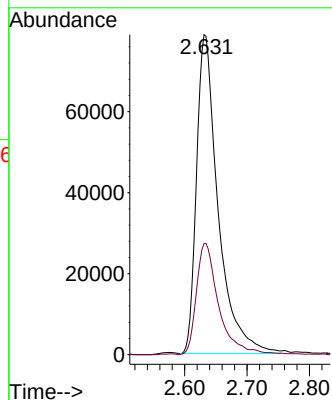
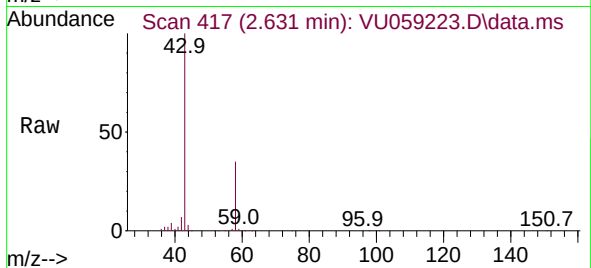
ClientSampleId :

Tgt Ion: 43 Resp: 189821

Ion Ratio Lower Upper

43 100

58 34.9 27.9 41.9



#14

Carbon Disulfide

Concen: 9.465 ug/l

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU059223.D

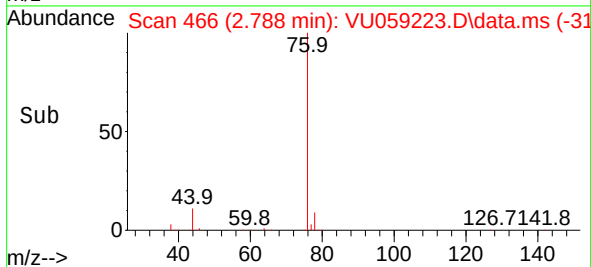
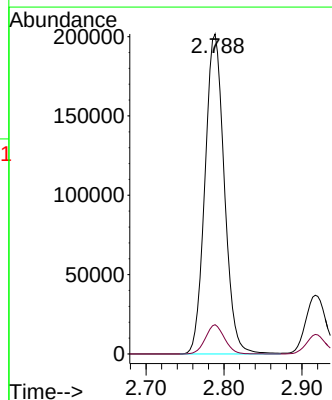
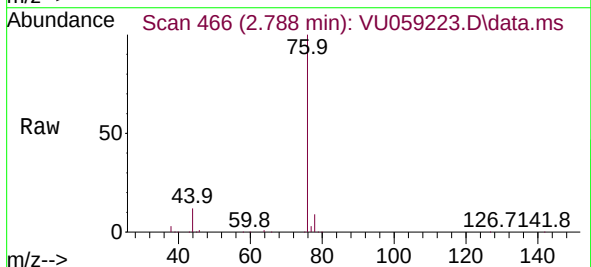
Acq: 12 Jun 2024 15:26

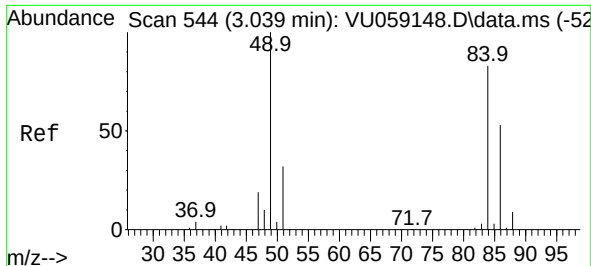
Tgt Ion: 76 Resp: 347534

Ion Ratio Lower Upper

76 100

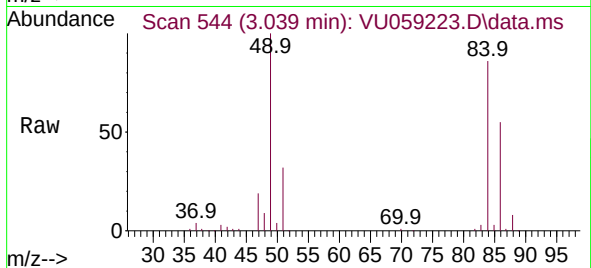
78 9.1 7.3 10.9



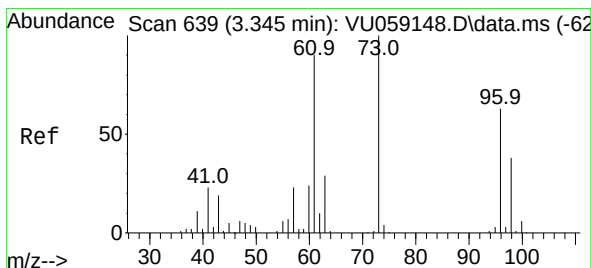
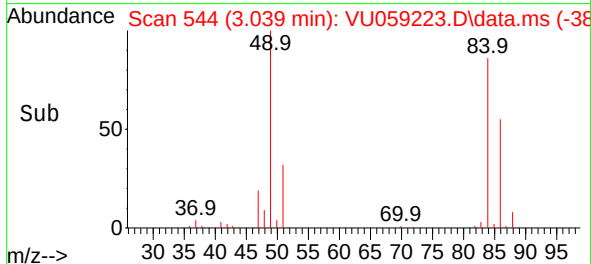
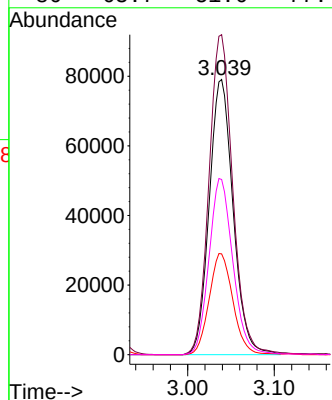


#15
Methylene Chloride
Concen: 9.592 ug/l
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU059223.D
Acq: 12 Jun 2024 15:26

Instrument :
MSVOA_U
ClientSampleId :

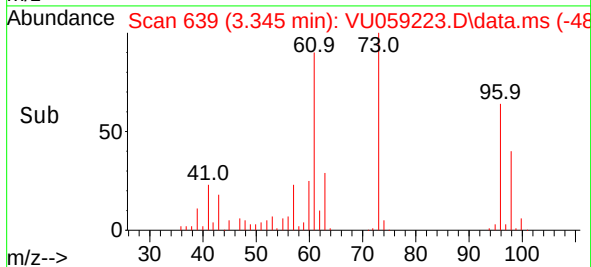
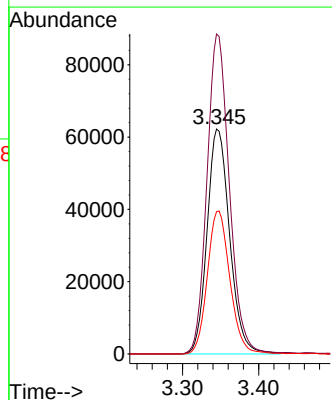
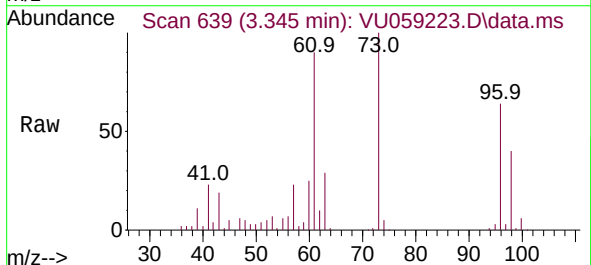


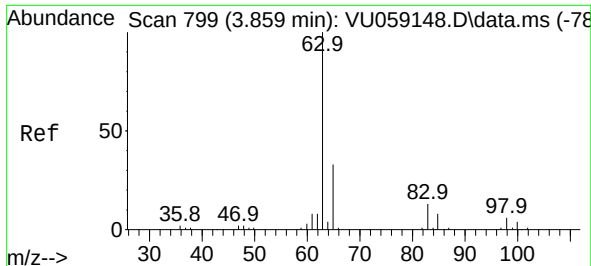
Tgt Ion:	84	Resp:	151499
Ion	Ratio	Lower	Upper
84	100		
49	116.3	96.7	145.1
51	36.6	0.0	76.8
86	63.7	51.6	77.4



#16
trans-1,2-Dichloroethene
Concen: 10.233 ug/l
RT: 3.345 min Scan# 639
Delta R.T. 0.000 min
Lab File: VU059223.D
Acq: 12 Jun 2024 15:26

Tgt Ion:	96	Resp:	128635
Ion	Ratio	Lower	Upper
96	100		
61	142.2	114.8	172.2
98	63.3	48.8	73.2

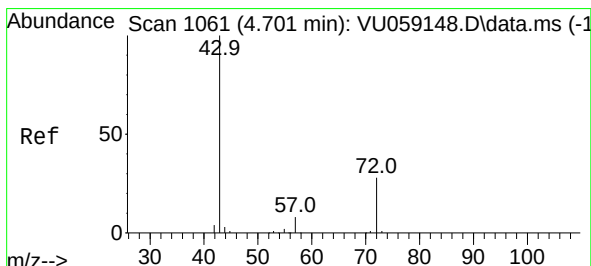
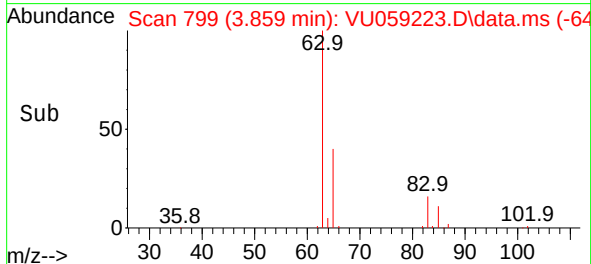
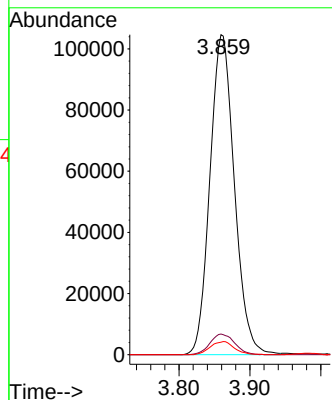
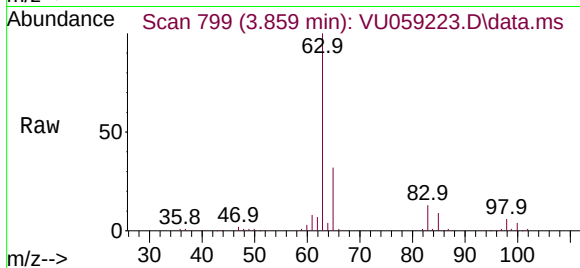




#17
1,1-Dichloroethane
Concen: 9.524 ug/l
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU059223.D
Acq: 12 Jun 2024 15:26

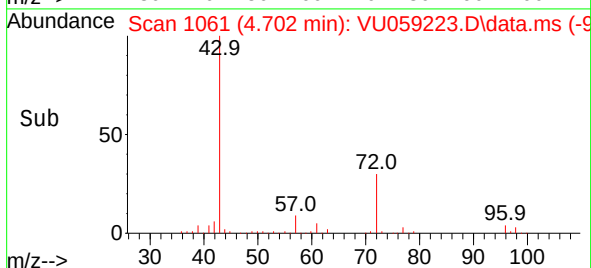
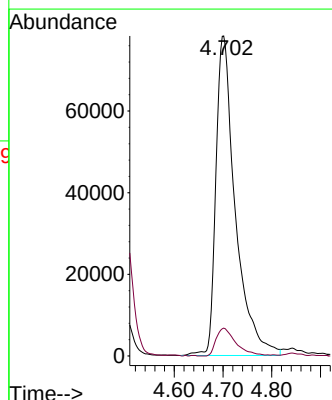
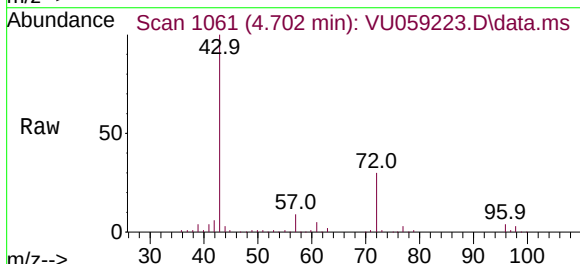
Instrument :
MSVOA_U
ClientSampleId :

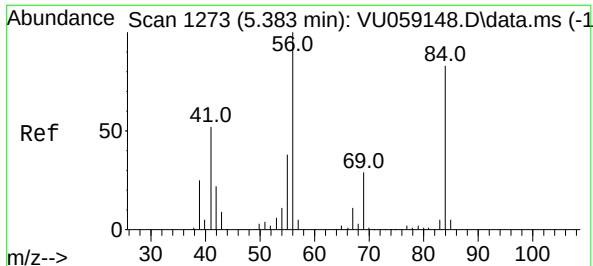
Tgt Ion: 63 Resp: 250717
Ion Ratio Lower Upper
63 100
98 6.5 3.2 9.6
100 3.9 2.1 6.5



#18
2-Butanone
Concen: 49.426 ug/l
RT: 4.702 min Scan# 1061
Delta R.T. 0.000 min
Lab File: VU059223.D
Acq: 12 Jun 2024 15:26

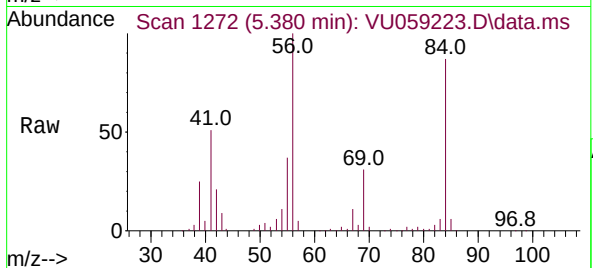
Tgt Ion: 43 Resp: 217148
Ion Ratio Lower Upper
43 100
57 8.6 0.0 16.8



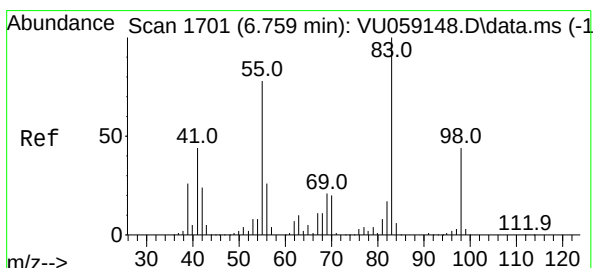
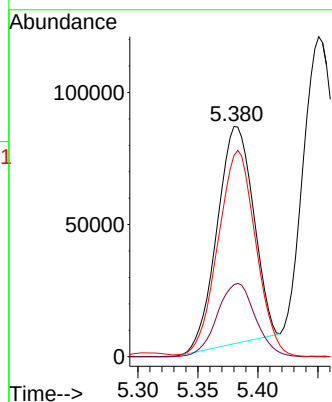
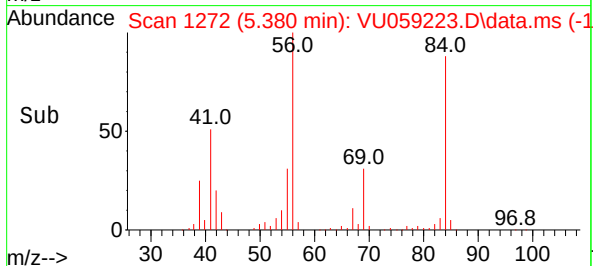


#19
Cyclohexane
Concen: 9.098 ug/l
RT: 5.380 min Scan# 1701
Delta R.T. -0.003 min
Lab File: VU059223.D
Acq: 12 Jun 2024 15:26

Instrument :
MSVOA_U
ClientSampleId :

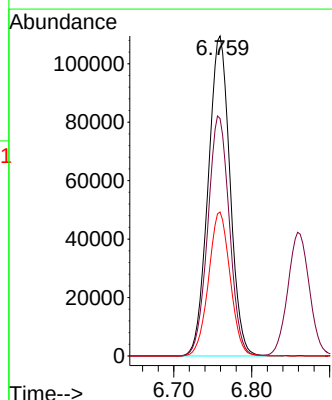
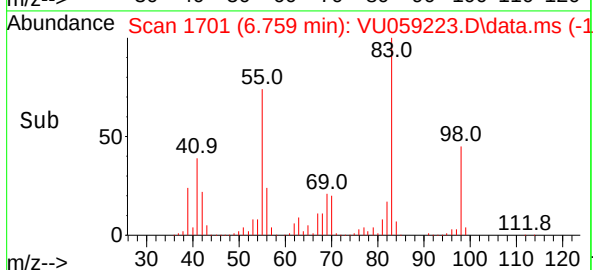
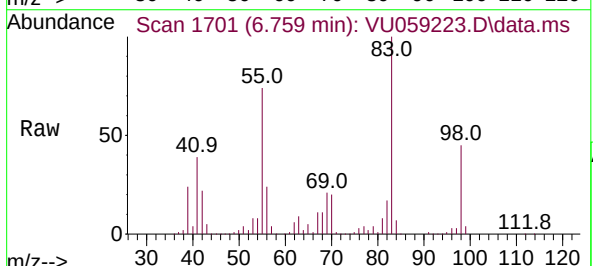


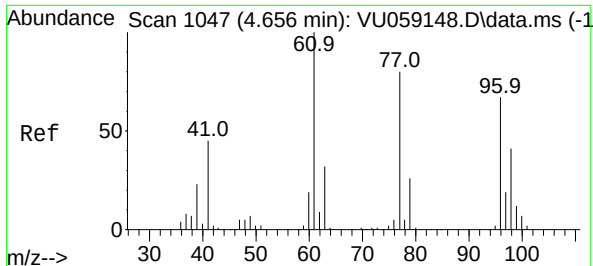
Tgt Ion: 56 Resp: 173334
Ion Ratio Lower Upper
56 100
69 35.5 23.5 35.3#
84 97.5 66.5 99.7



#20
Methylcyclohexane
Concen: 11.120 ug/l
RT: 6.759 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VU059223.D
Acq: 12 Jun 2024 15:26

Tgt Ion: 83 Resp: 212881
Ion Ratio Lower Upper
83 100
55 73.9 62.7 94.1
98 44.4 35.1 52.7

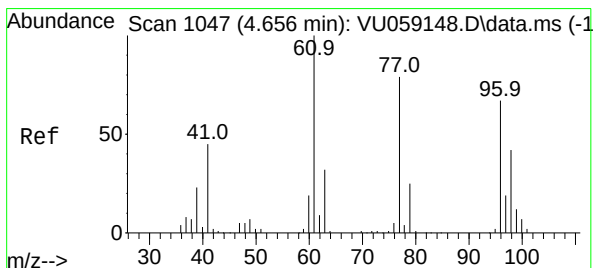
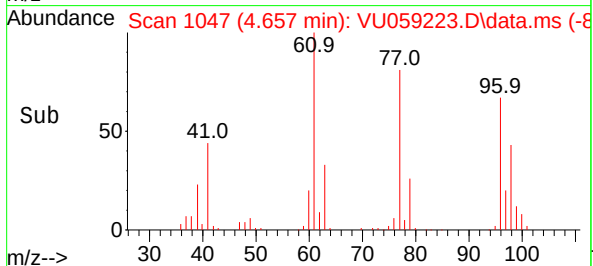
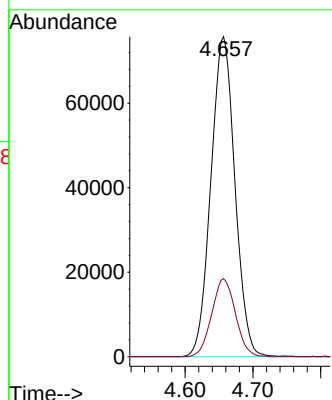
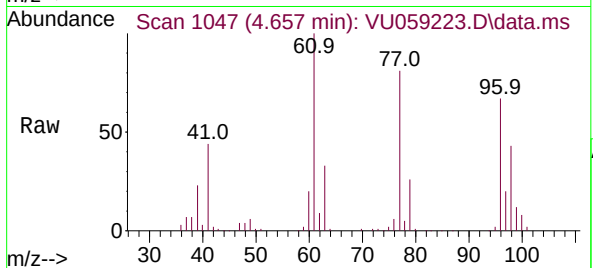




#21
2,2-Dichloropropane
Concen: 9.570 ug/l
RT: 4.657 min Scan# 1047
Delta R.T. 0.000 min
Lab File: VU059223.D
Acq: 12 Jun 2024 15:26

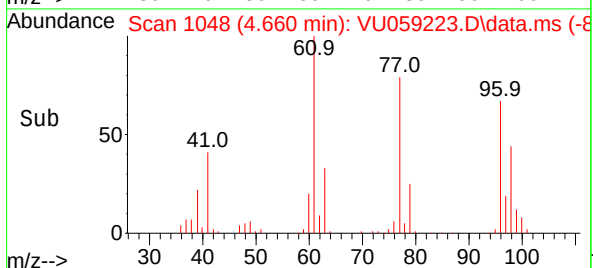
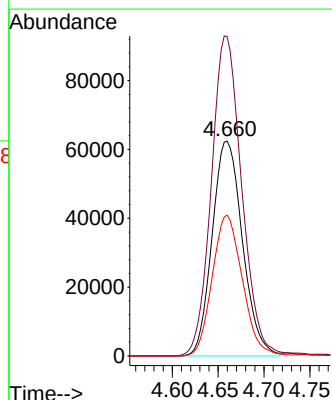
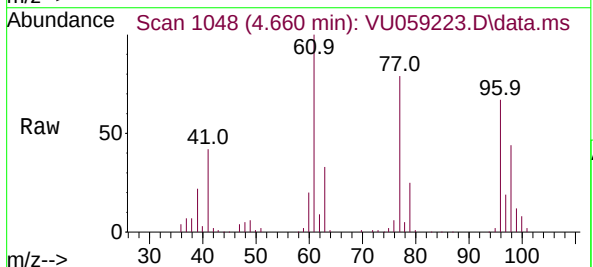
Instrument :
MSVOA_U
ClientSampleId :

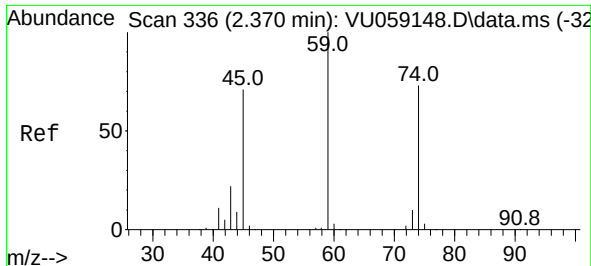
Tgt Ion: 77 Resp: 186322
Ion Ratio Lower Upper
77 100
97 24.1 18.1 27.1



#22
cis-1,2-Dichloroethene
Concen: 10.510 ug/l
RT: 4.660 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU059223.D
Acq: 12 Jun 2024 15:26

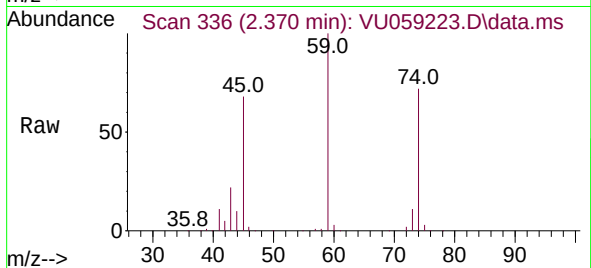
Tgt Ion: 96 Resp: 143575
Ion Ratio Lower Upper
96 100
61 148.9 0.0 388.5
98 65.1 31.8 95.3



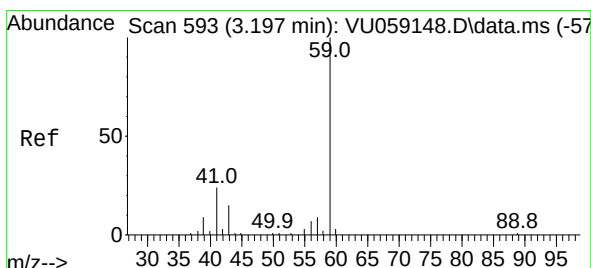
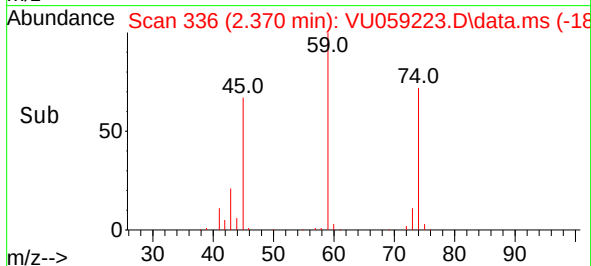
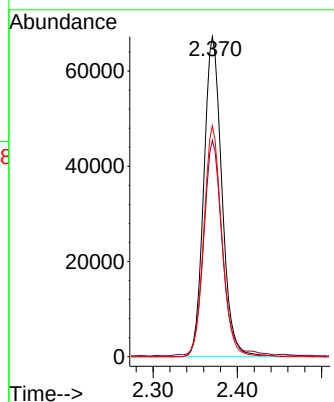


#23
Diethyl Ether
Concen: 9.287 ug/l
RT: 2.370 min Scan# 336
Delta R.T. 0.000 min
Lab File: VU059223.D
Acq: 12 Jun 2024 15:26

Instrument :
MSVOA_U
ClientSampleId :

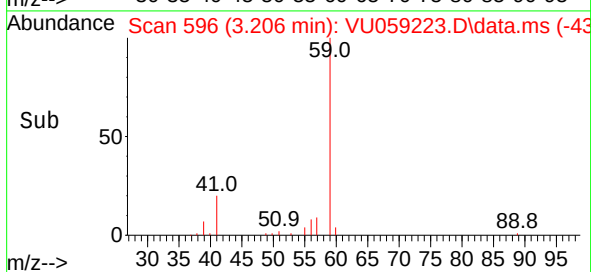
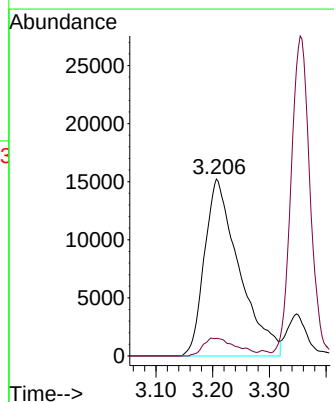
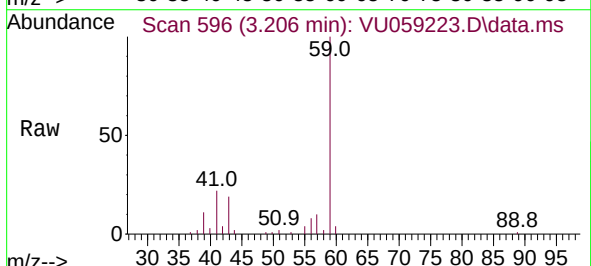


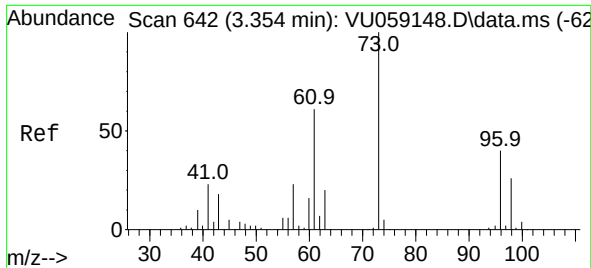
Tgt Ion: 59 Resp: 100320
Ion Ratio Lower Upper
59 100
45 69.8 58.8 88.2
74 71.9 58.0 87.0



#24
tert-Butyl Alcohol
Concen: 93.233 ug/l
RT: 3.206 min Scan# 596
Delta R.T. 0.009 min
Lab File: VU059223.D
Acq: 12 Jun 2024 15:26

Tgt Ion: 59 Resp: 64607
Ion Ratio Lower Upper
59 100
57 3.5 2.9 4.3

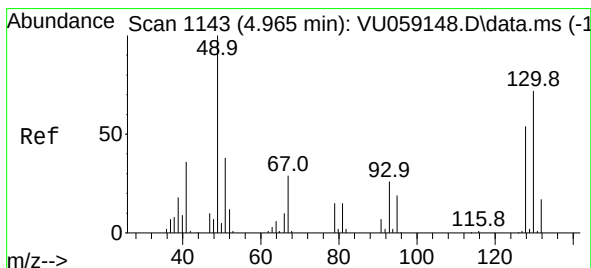
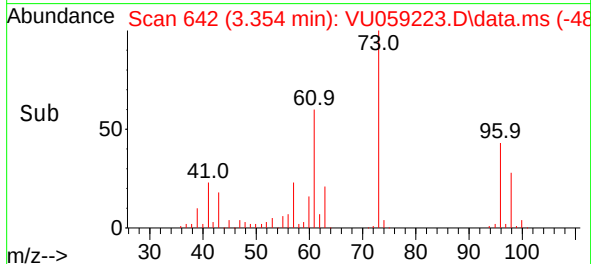
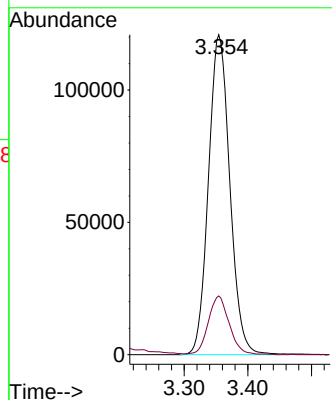
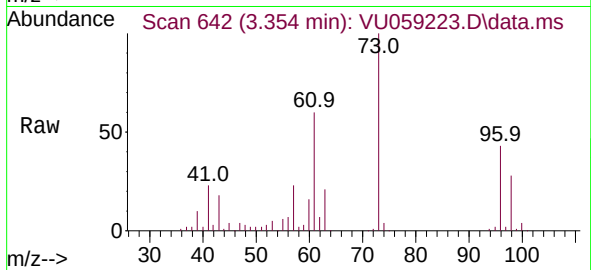




#25
Methyl tert-Butyl Ether
Concen: 10.206 ug/l
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU059223.D
Acq: 12 Jun 2024 15:26

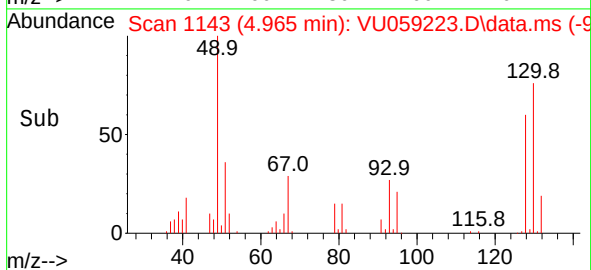
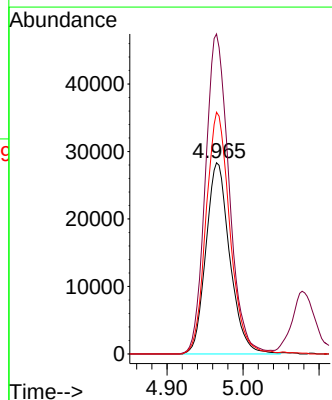
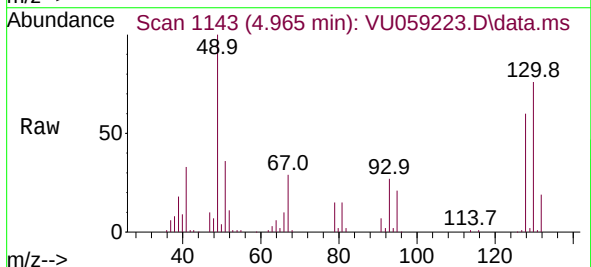
Instrument :
MSVOA_U
ClientSampleId :

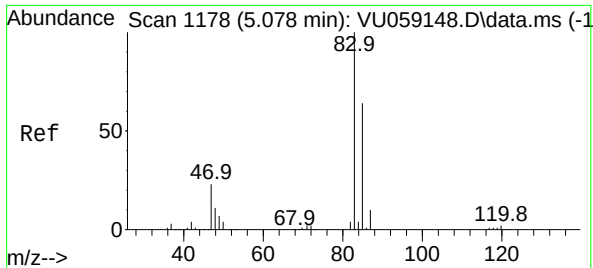
Tgt Ion: 73 Resp: 281915
Ion Ratio Lower Upper
73 100
43 18.0 15.0 22.6



#26
Bromochloromethane
Concen: 10.711 ug/l
RT: 4.965 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VU059223.D
Acq: 12 Jun 2024 15:26

Tgt Ion: 128 Resp: 61802
Ion Ratio Lower Upper
128 100
49 166.1 0.0 371.2
130 126.7 104.1 156.1

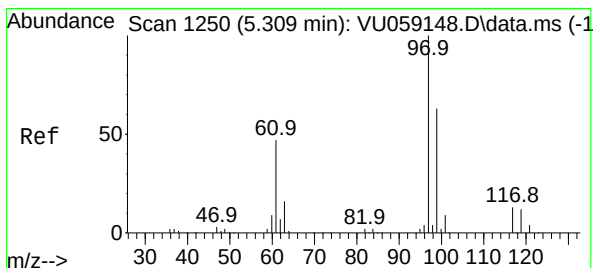
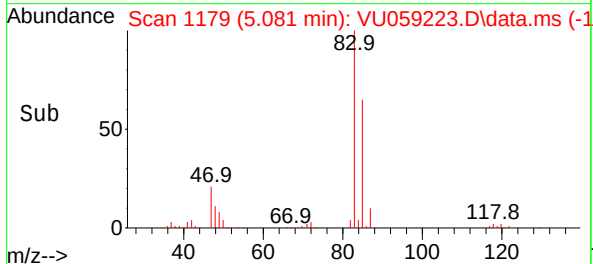
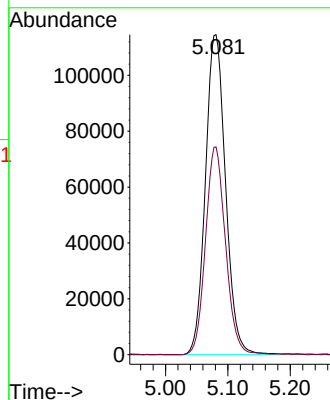
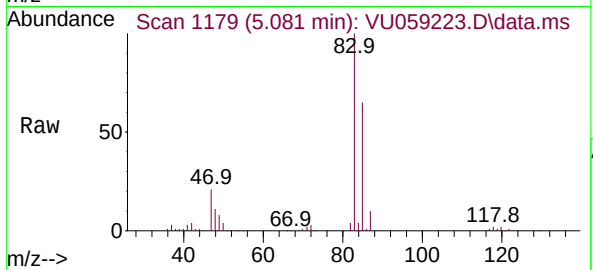




#27
Chloroform
Concen: 9.719 ug/l
RT: 5.081 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VU059223.D
Acq: 12 Jun 2024 15:26

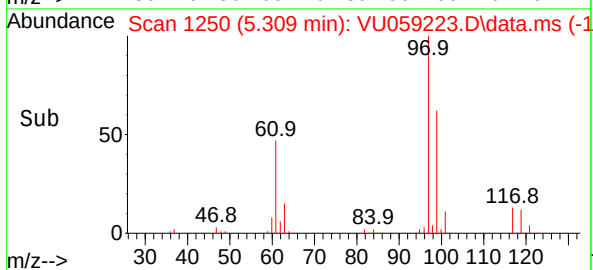
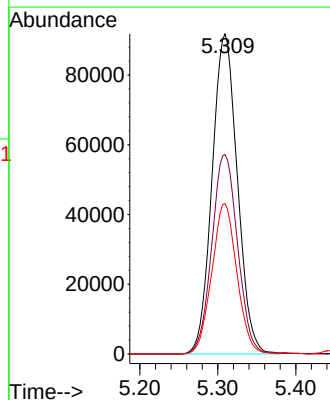
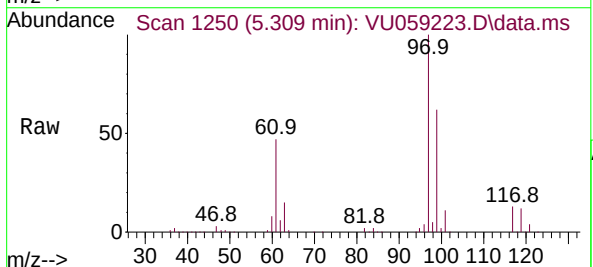
Instrument :
MSVOA_U
ClientSampleId :

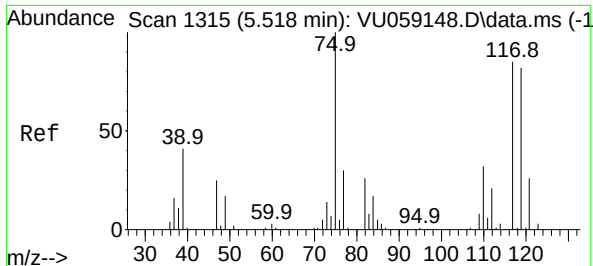
Tgt Ion: 83 Resp: 257189
Ion Ratio Lower Upper
83 100
85 65.0 0.0 127.2



#28
1,1,1-Trichloroethane
Concen: 9.925 ug/l
RT: 5.309 min Scan# 1250
Delta R.T. 0.000 min
Lab File: VU059223.D
Acq: 12 Jun 2024 15:26

Tgt Ion: 97 Resp: 207085
Ion Ratio Lower Upper
97 100
99 63.5 32.0 96.0
61 46.6 23.9 71.7

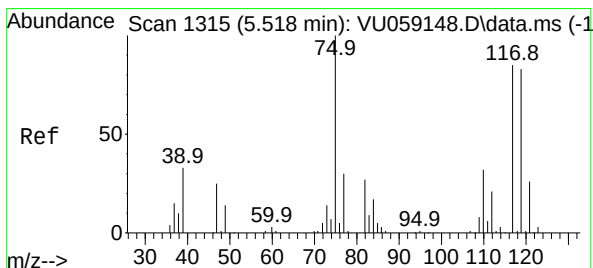
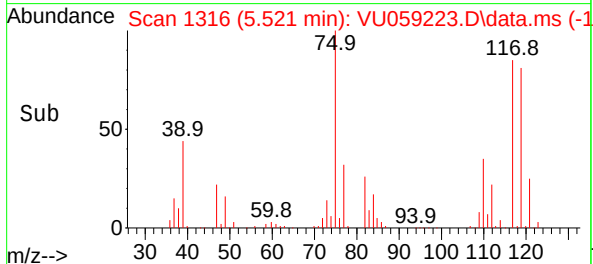
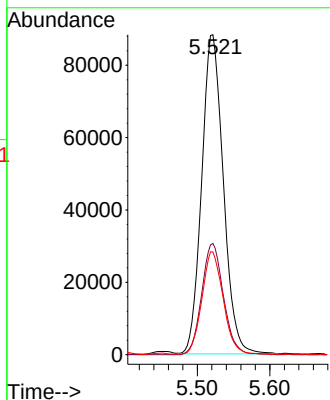
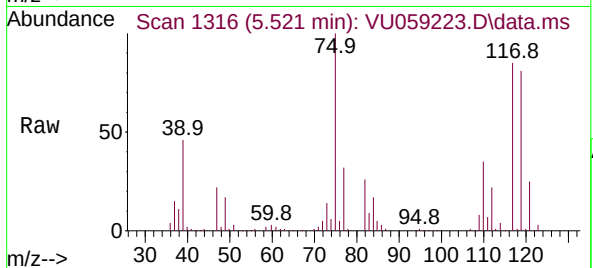




#29
1,1-Dichloropropene
Concen: 10.465 ug/l
RT: 5.521 min Scan# 1316
Delta R.T. 0.003 min
Lab File: VU059223.D
Acq: 12 Jun 2024 15:26

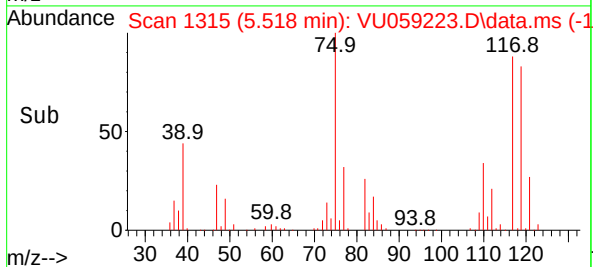
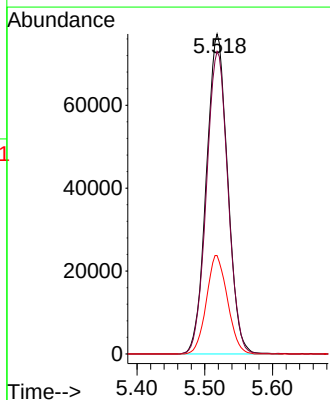
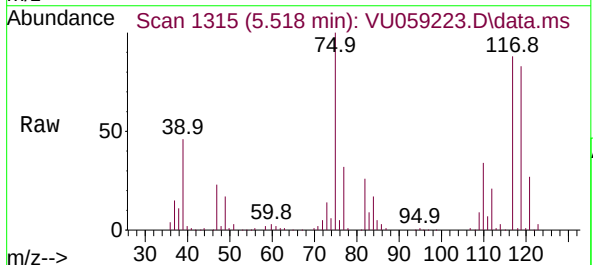
Instrument :
MSVOA_U
ClientSampleId :

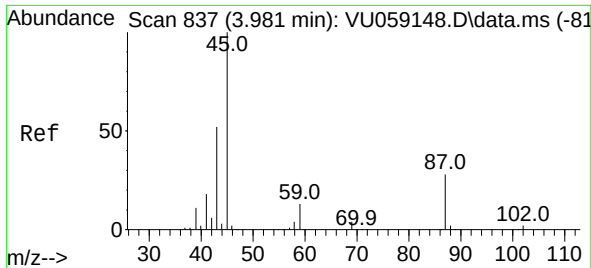
Tgt Ion: 75 Resp: 182960
Ion Ratio Lower Upper
75 100
110 34.9 17.0 50.9
77 31.9 24.6 36.8



#30
Carbon Tetrachloride
Concen: 9.857 ug/l
RT: 5.518 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VU059223.D
Acq: 12 Jun 2024 15:26

Tgt Ion:117 Resp: 168665
Ion Ratio Lower Upper
117 100
119 94.5 77.5 116.3
121 30.8 24.6 37.0

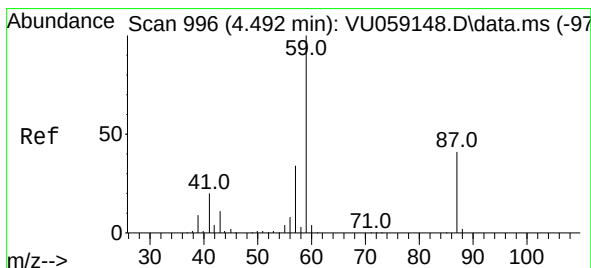
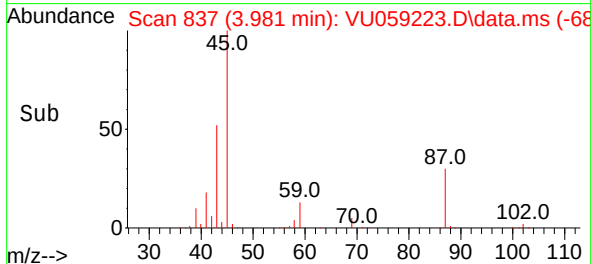
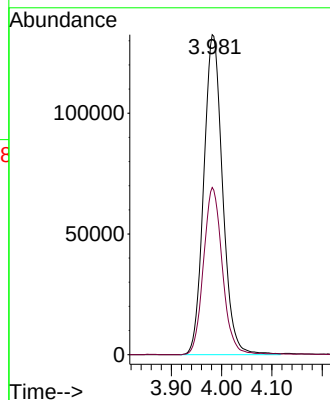
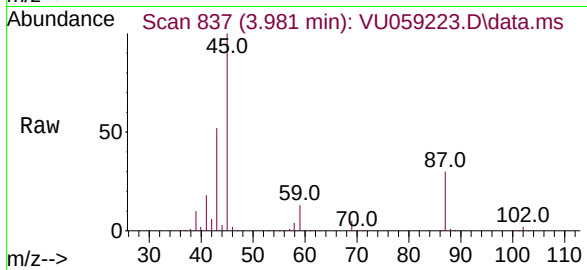




#31
Isopropyl Ether
Concen: 10.001 ug/l
RT: 3.981 min Scan# 837
Delta R.T. 0.000 min
Lab File: VU059223.D
Acq: 12 Jun 2024 15:26

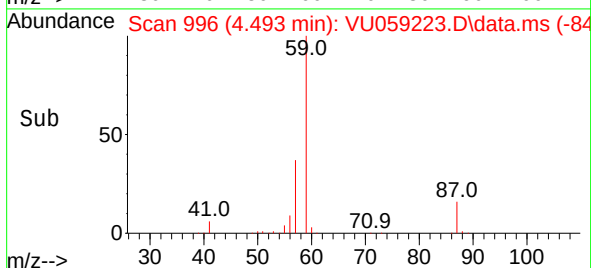
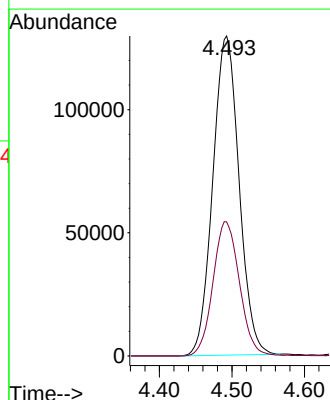
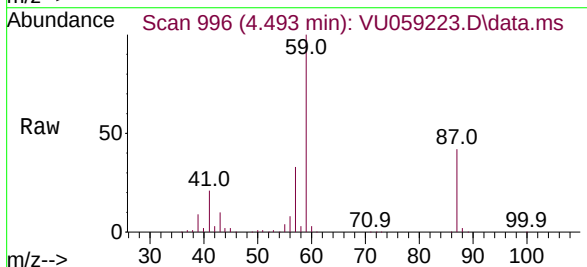
Instrument :
MSVOA_U
ClientSampleId :

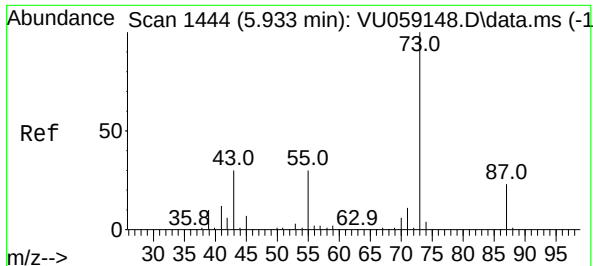
Tgt Ion: 45 Resp: 345259
Ion Ratio Lower Upper
45 100
43 52.3 26.1 78.3



#32
Ethyl-t-butyl ether
Concen: 10.154 ug/l
RT: 4.493 min Scan# 996
Delta R.T. 0.000 min
Lab File: VU059223.D
Acq: 12 Jun 2024 15:26

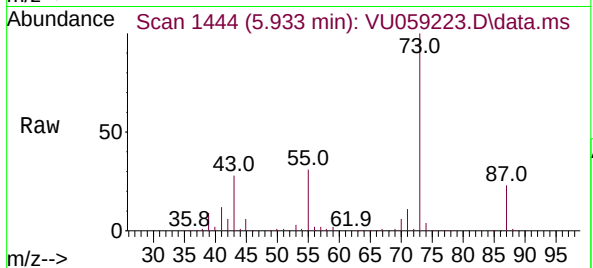
Tgt Ion: 59 Resp: 326150
Ion Ratio Lower Upper
59 100
87 42.3 32.2 48.4



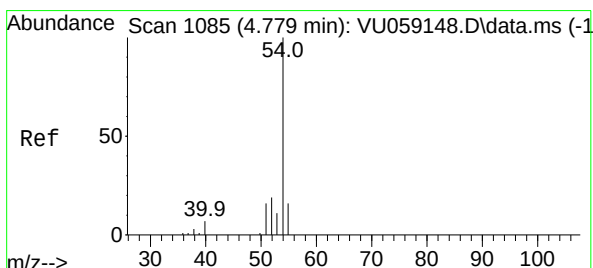
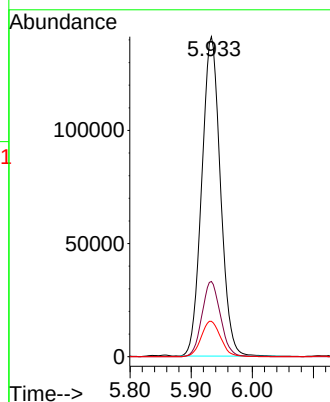
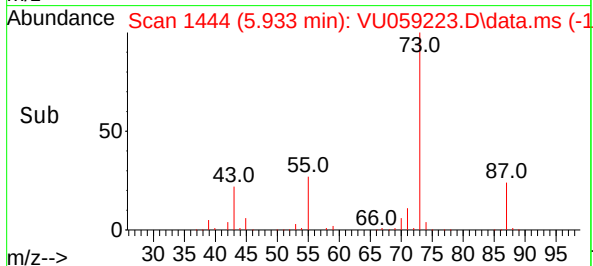


#33
Tert-Amyl methyl ether
Concen: 10.552 ug/l
RT: 5.933 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VU059223.D
Acq: 12 Jun 2024 15:26

Instrument :
MSVOA_U
ClientSampleId :

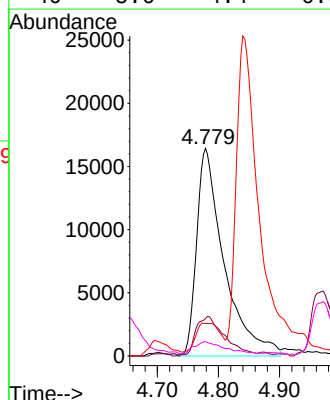
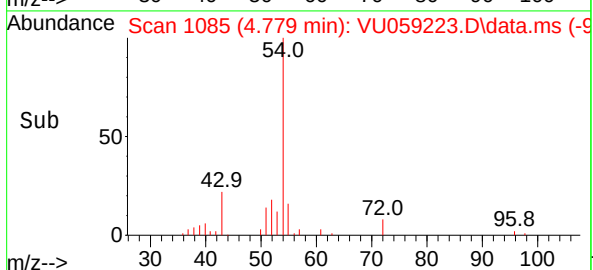
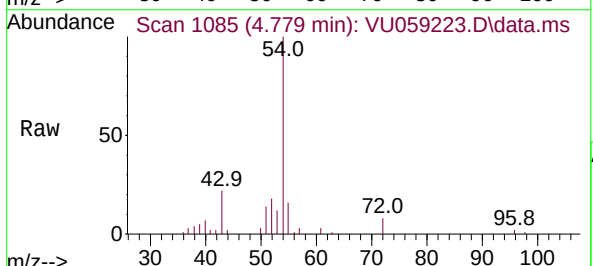


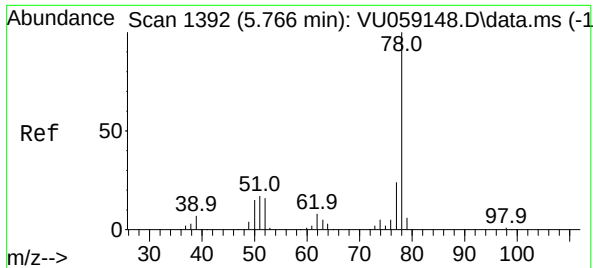
Tgt Ion: 73 Resp: 299202
Ion Ratio Lower Upper
73 100
87 23.3 18.6 27.8
71 11.4 9.1 13.7



#34
Propionitrile
Concen: 50.958 ug/l
RT: 4.779 min Scan# 1085
Delta R.T. 0.000 min
Lab File: VU059223.D
Acq: 12 Jun 2024 15:26

Tgt Ion: 54 Resp: 51286
Ion Ratio Lower Upper
54 100
52 18.7 15.2 22.8
55 13.5 12.4 18.6
40 5.6 4.4 6.6

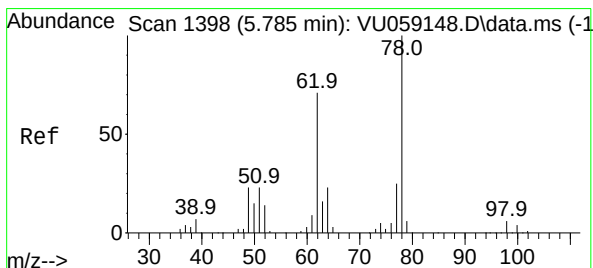
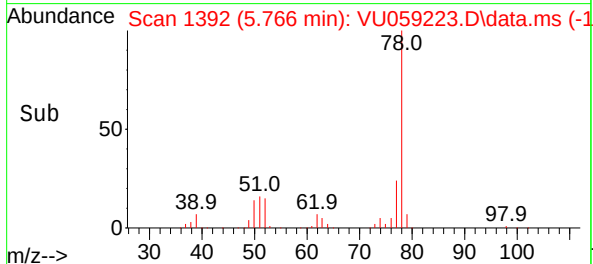
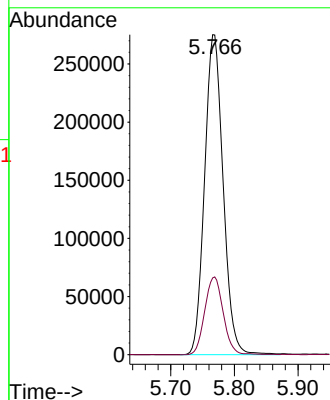
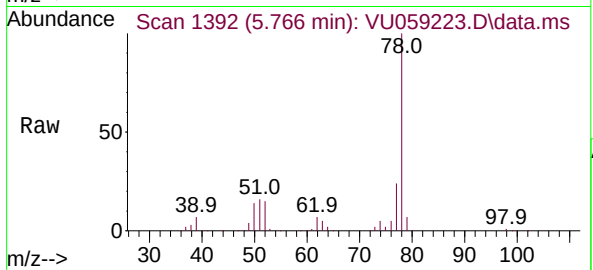




#35
Benzene
Concen: 10.133 ug/l
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU059223.D
Acq: 12 Jun 2024 15:26

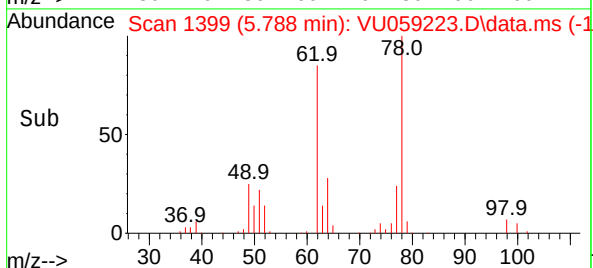
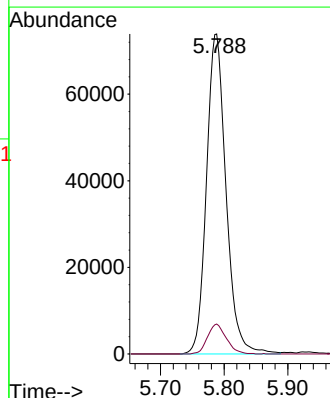
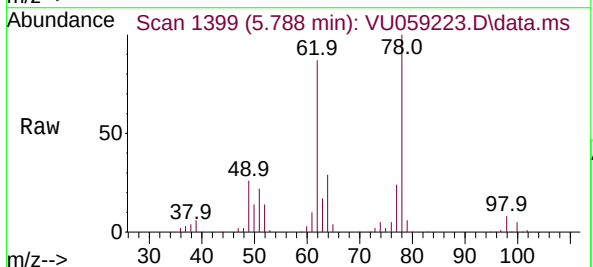
Instrument :
MSVOA_U
ClientSampleId :

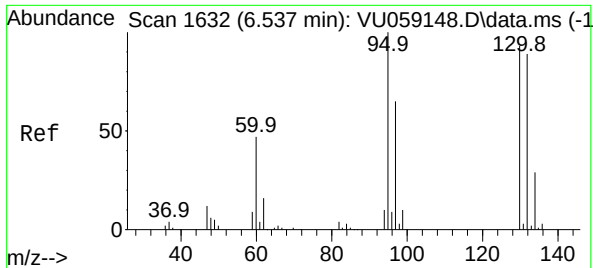
Tgt Ion: 78 Resp: 557177
Ion Ratio Lower Upper
78 100
77 24.0 19.4 29.2



#36
1,2-Dichloroethane
Concen: 9.664 ug/l
RT: 5.788 min Scan# 1399
Delta R.T. 0.003 min
Lab File: VU059223.D
Acq: 12 Jun 2024 15:26

Tgt Ion: 62 Resp: 157596
Ion Ratio Lower Upper
62 100
98 9.0 6.7 10.1

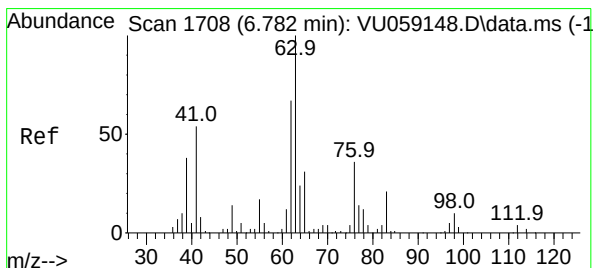
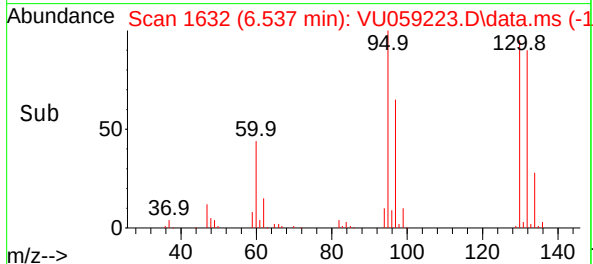
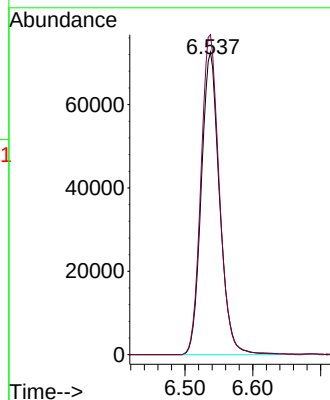
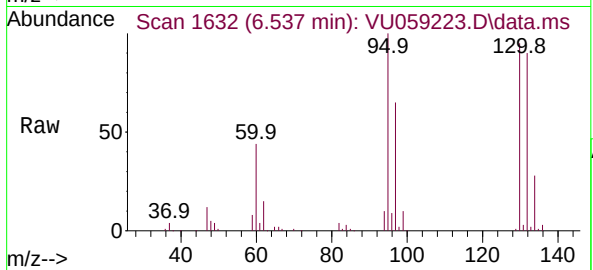




#37
Trichloroethene
Concen: 10.344 ug/l
RT: 6.537 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU059223.D
Acq: 12 Jun 2024 15:26

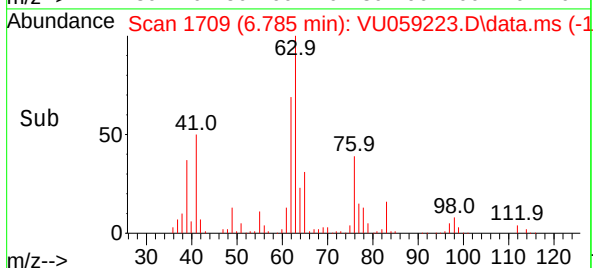
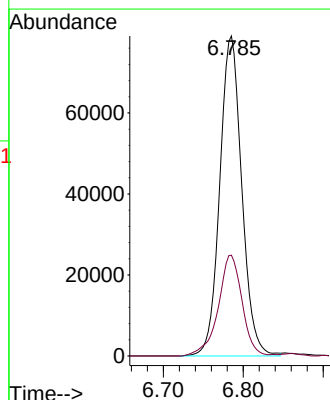
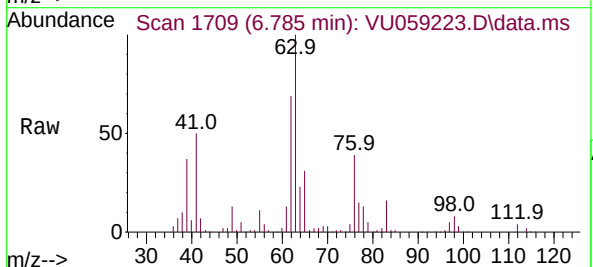
Instrument :
MSVOA_U
ClientSampleId :

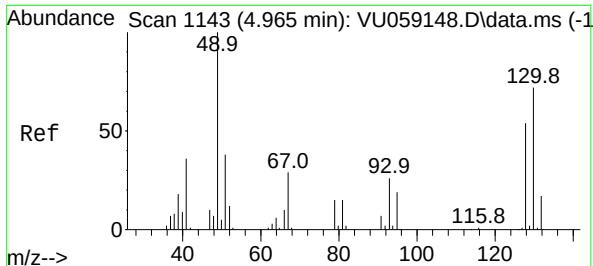
Tgt Ion:130 Resp: 135841
Ion Ratio Lower Upper
130 100
95 105.8 85.6 128.4



#38
1,2-Dichloropropane
Concen: 9.654 ug/l
RT: 6.785 min Scan# 1709
Delta R.T. 0.003 min
Lab File: VU059223.D
Acq: 12 Jun 2024 15:26

Tgt Ion: 63 Resp: 150743
Ion Ratio Lower Upper
63 100
65 31.5 24.6 37.0





#39

Methacrylonitrile

Concen: 10.145 ug/l

RT: 4.968 min Scan# 1144

Delta R.T. 0.003 min

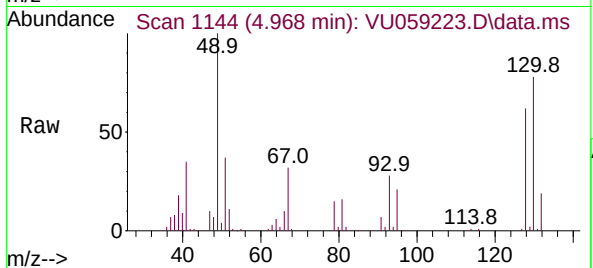
Lab File: VU059223.D

Acq: 12 Jun 2024 15:26

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 41 Resp: 38076

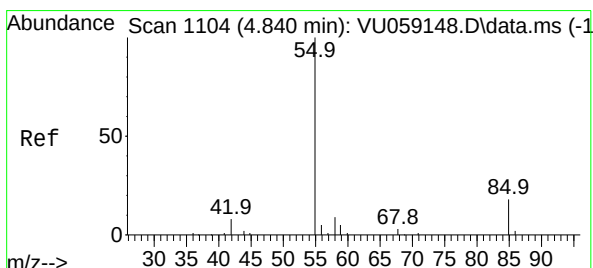
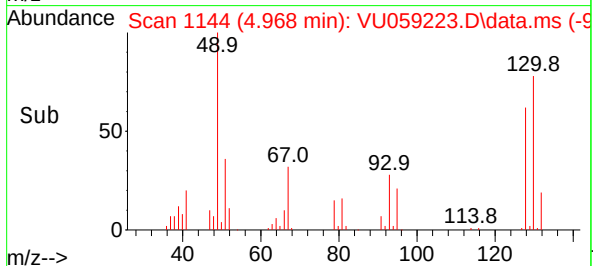
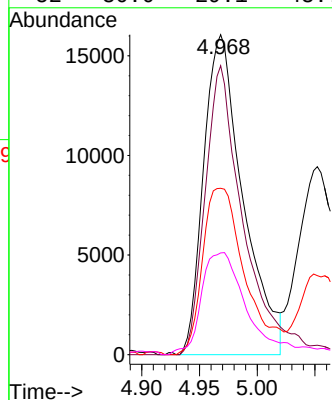
Ion Ratio Lower Upper

41 100

67 88.6 68.2 102.4

39 56.0 43.4 65.2

52 36.0 29.1 43.7



#40

Methyl acrylate

Concen: 10.156 ug/l

RT: 4.840 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VU059223.D

Acq: 12 Jun 2024 15:26

Tgt Ion: 55 Resp: 66763

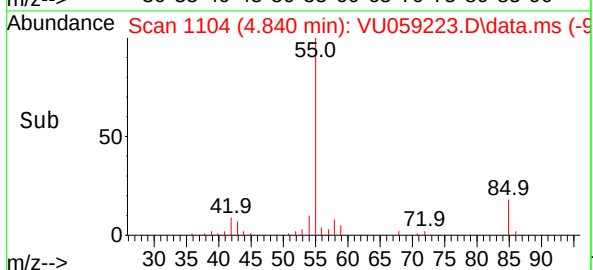
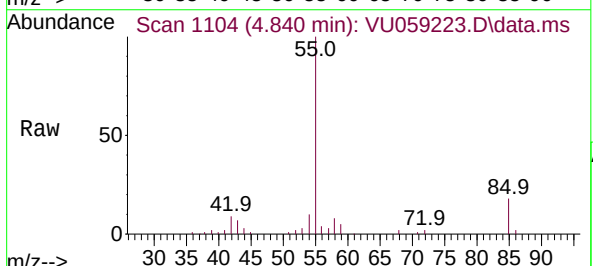
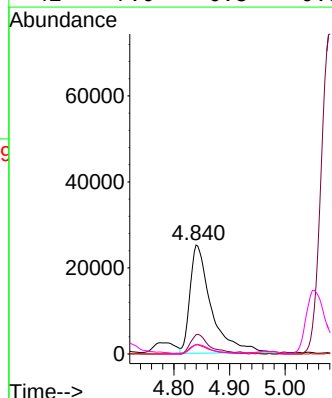
Ion Ratio Lower Upper

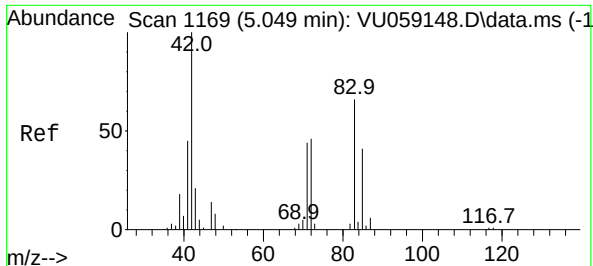
55 100

85 16.1 11.8 17.6

58 8.3 6.0 9.0

42 7.0 6.3 9.5





#41

Tetrahydrofuran

Concen: 18.320 ug/l

RT: 5.052 min Scan# 1169

Delta R.T. 0.003 min

Lab File: VU059223.D

Acq: 12 Jun 2024 15:26

Instrument :

MSVOA_U

ClientSampleId :

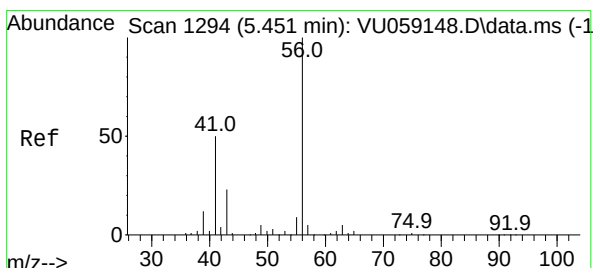
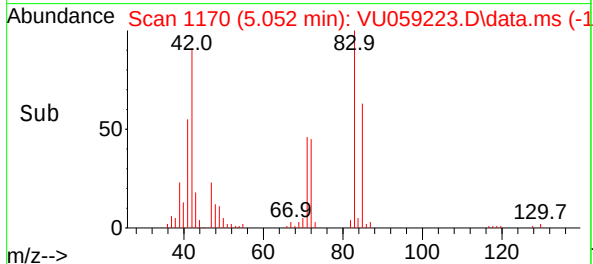
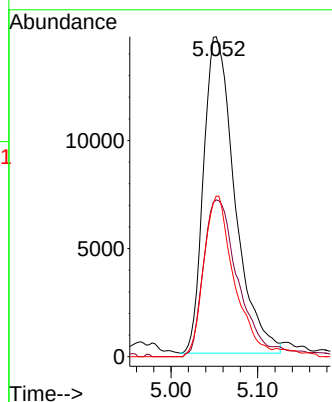
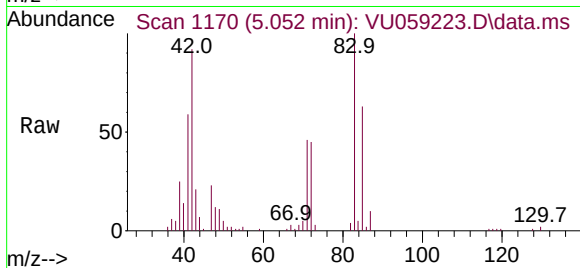
Tgt Ion: 42 Resp: 36775

Ion Ratio Lower Upper

42 100

72 53.6 40.7 61.1

71 49.3 36.5 54.7



#42

1-Chlorobutane

Concen: 10.261 ug/l

RT: 5.451 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VU059223.D

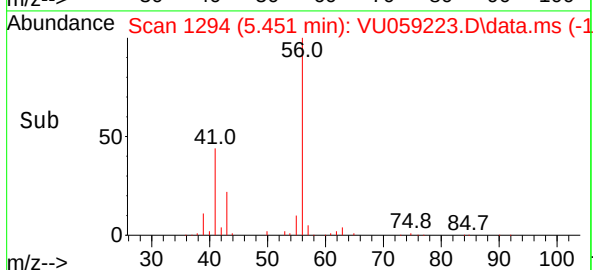
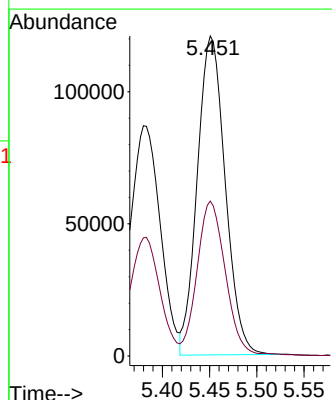
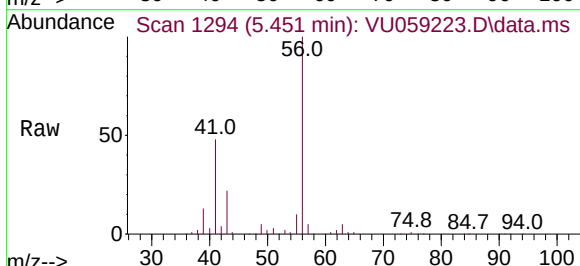
Acq: 12 Jun 2024 15:26

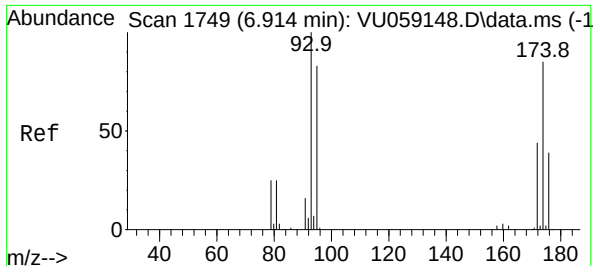
Tgt Ion: 56 Resp: 247932

Ion Ratio Lower Upper

56 100

41 49.2 25.7 77.1





#43

Dibromomethane

Concen: 10.140 ug/l

RT: 6.914 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU059223.D

Acq: 12 Jun 2024 15:26

Instrument :

MSVOA_U

ClientSampleId :

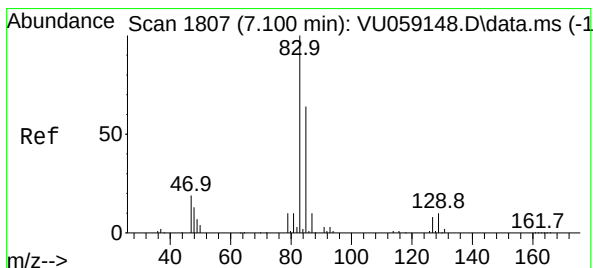
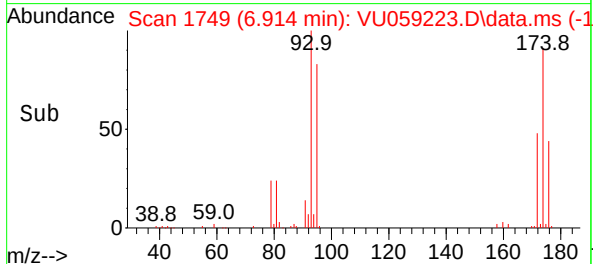
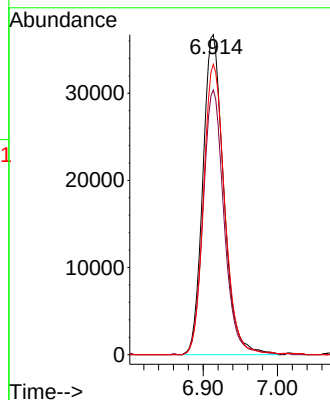
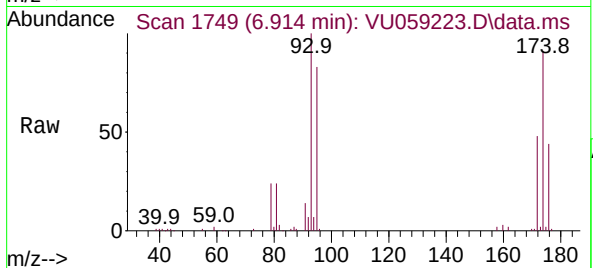
Tgt Ion: 93 Resp: 71689

Ion Ratio Lower Upper

93 100

95 82.7 66.1 99.1

174 91.6 67.2 100.8



#44

Bromodichloromethane

Concen: 10.046 ug/l

RT: 7.100 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VU059223.D

Acq: 12 Jun 2024 15:26

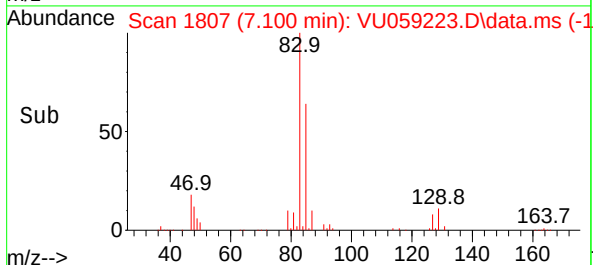
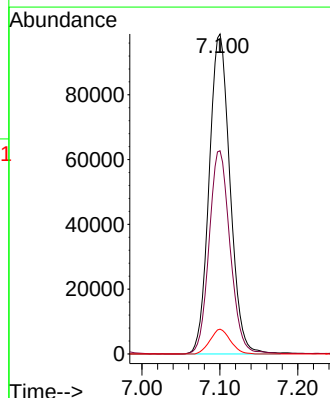
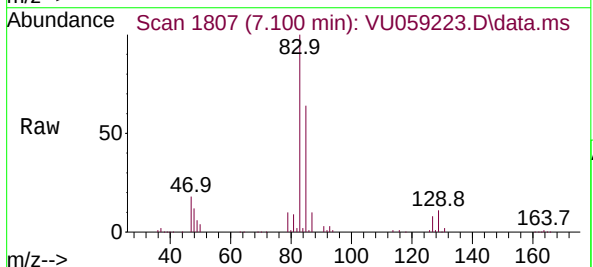
Tgt Ion: 83 Resp: 184022

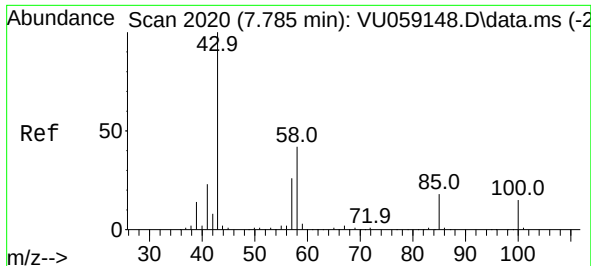
Ion Ratio Lower Upper

83 100

85 63.5 51.0 76.4

127 7.7 6.4 9.6





#45

4-Methyl-2-Pentanone

Concen: 49.498 ug/l

RT: 7.785 min Scan# 2020

Delta R.T. 0.000 min

Lab File: VU059223.D

Acq: 12 Jun 2024 15:26

Instrument :

MSVOA_U

ClientSampleId :

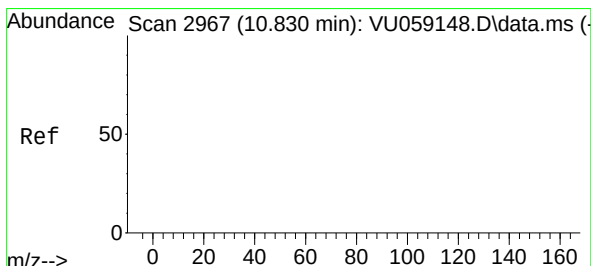
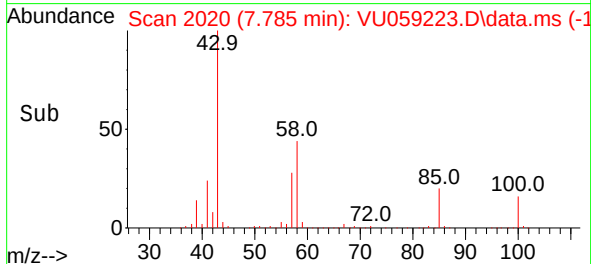
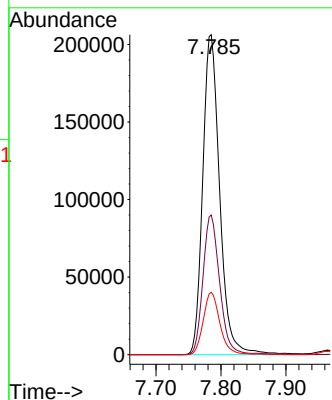
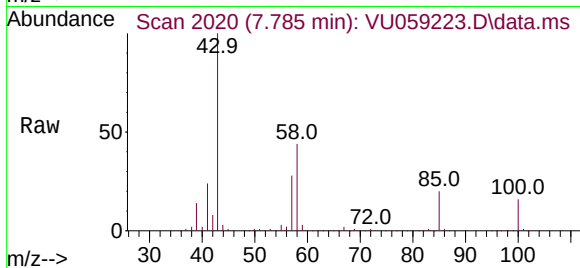
Tgt Ion: 43 Resp: 375161

Ion Ratio Lower Upper

43 100

58 42.8 21.1 63.3

85 19.3 14.6 22.0



#46

t-1,4-Dichloro-2-butene

Concen: 50.208 ug/l

RT: 10.820 min Scan# 2964

Delta R.T. -0.010 min

Lab File: VU059223.D

Acq: 12 Jun 2024 15:26

Tgt Ion: 75 Resp: 161485

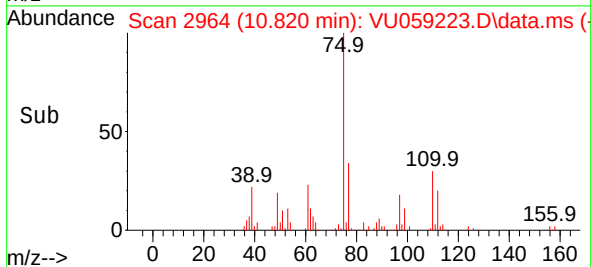
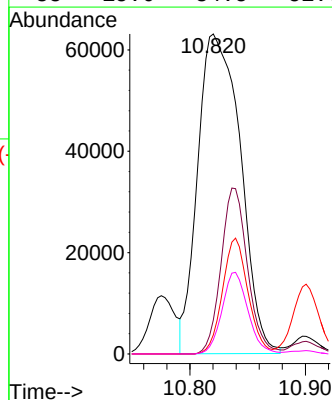
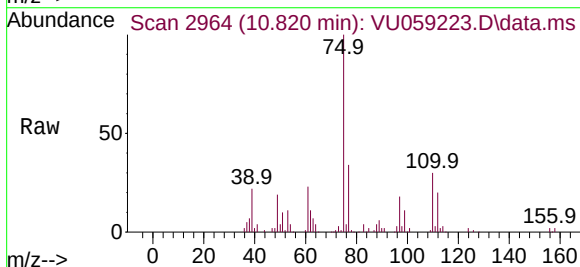
Ion Ratio Lower Upper

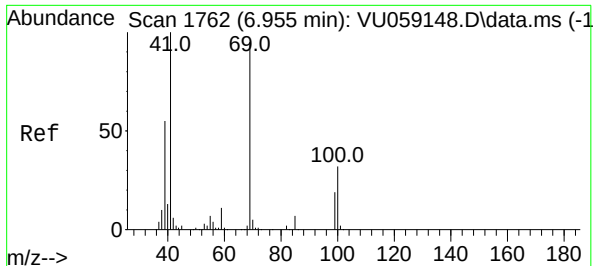
75 100

53 32.5 72.2 108.4#

89 21.9 47.0 70.4#

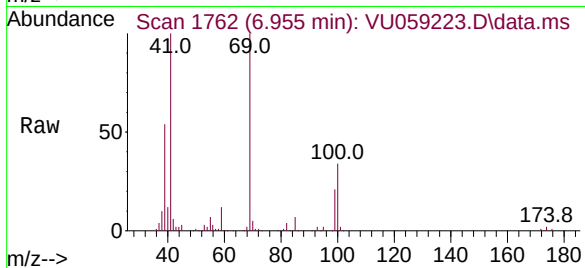
88 15.6 34.5 51.7#



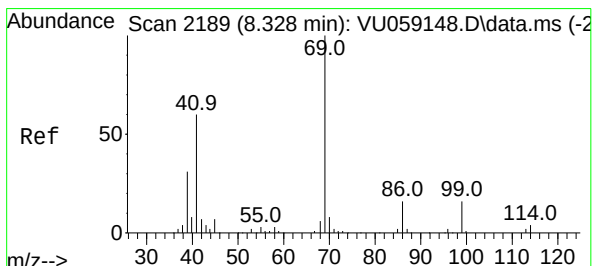
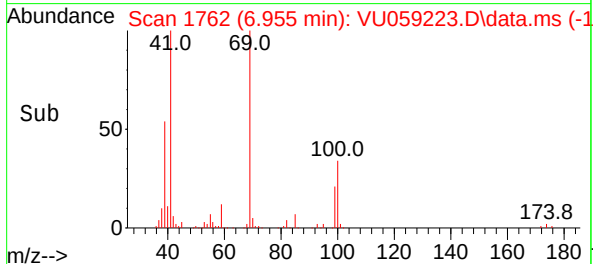
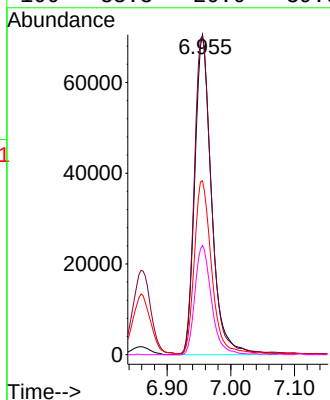


#47
Methyl methacrylate
Concen: 21.414 ug/l
RT: 6.955 min Scan# 1762
Delta R.T. 0.000 min
Lab File: VU059223.D
Acq: 12 Jun 2024 15:26

Instrument :
MSVOA_U
ClientSampleId :

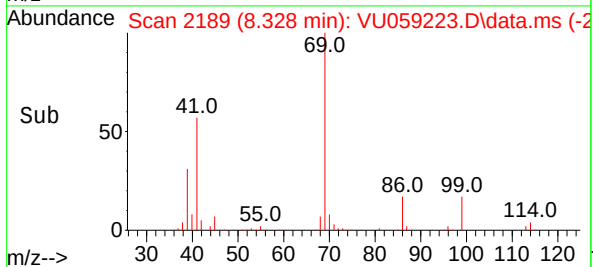
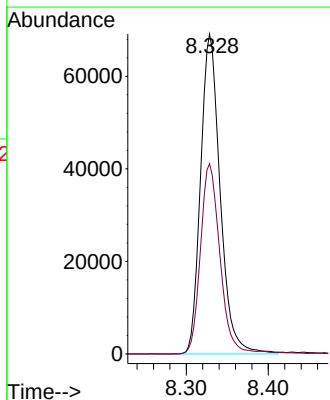
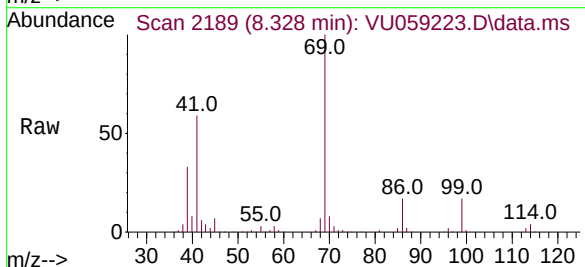


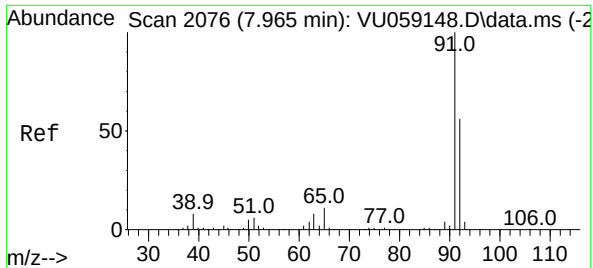
Tgt Ion: 69 Resp: 130007
Ion Ratio Lower Upper
69 100
41 100.2 0.0 208.8
39 54.3 46.0 69.0
100 33.3 26.0 39.0



#48
Ethyl methacrylate
Concen: 10.688 ug/l
RT: 8.328 min Scan# 2189
Delta R.T. 0.000 min
Lab File: VU059223.D
Acq: 12 Jun 2024 15:26

Tgt Ion: 69 Resp: 114638
Ion Ratio Lower Upper
69 100
41 59.7 30.2 90.6





#49

Toluene

Concen: 11.025 ug/l

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU059223.D

Acq: 12 Jun 2024 15:26

Instrument :

MSVOA_U

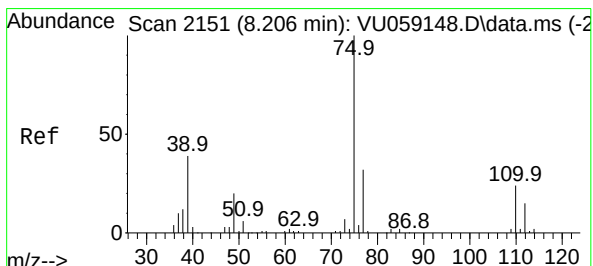
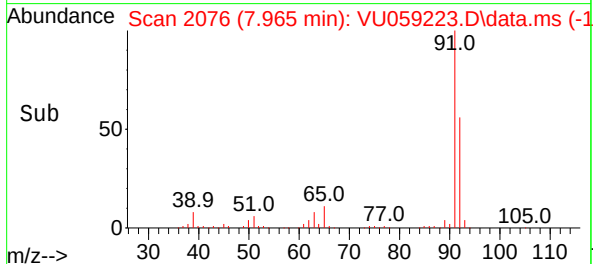
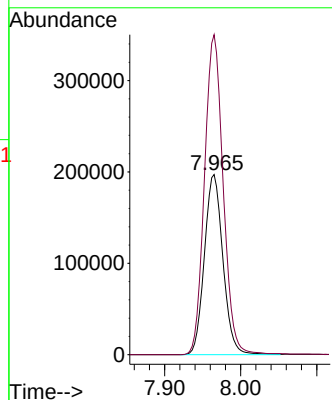
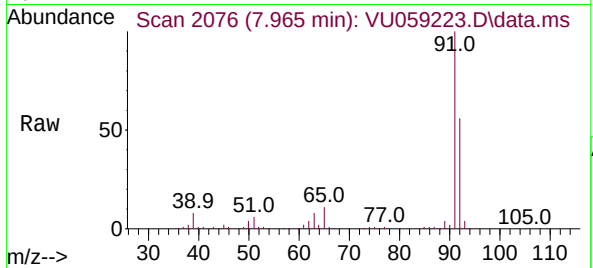
ClientSampleId :

Tgt Ion: 92 Resp: 333871

Ion Ratio Lower Upper

92 100

91 178.9 143.4 215.0



#50

t-1,3-Dichloropropene

Concen: 10.172 ug/l

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU059223.D

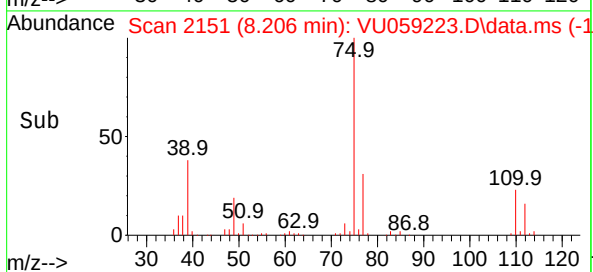
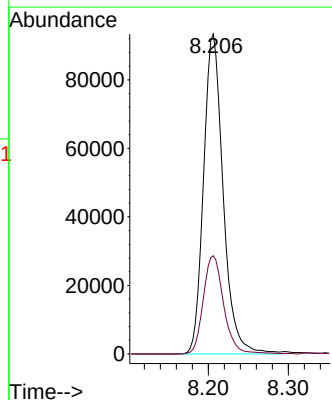
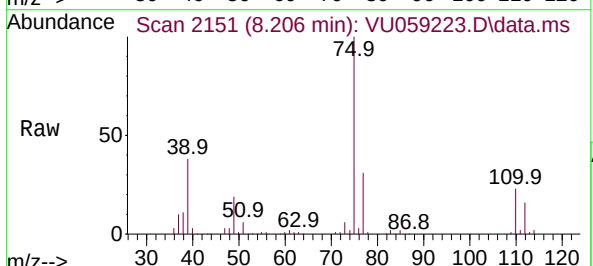
Acq: 12 Jun 2024 15:26

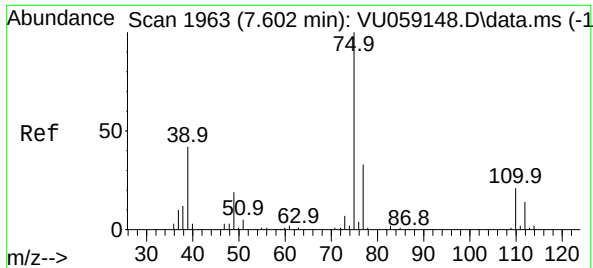
Tgt Ion: 75 Resp: 159438

Ion Ratio Lower Upper

75 100

77 30.7 25.3 37.9

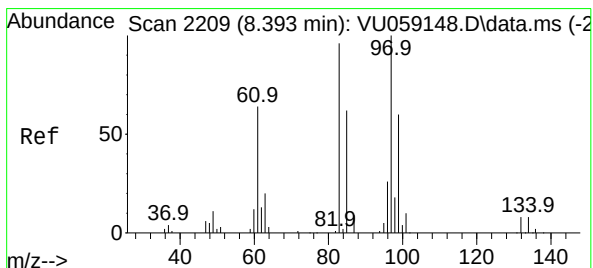
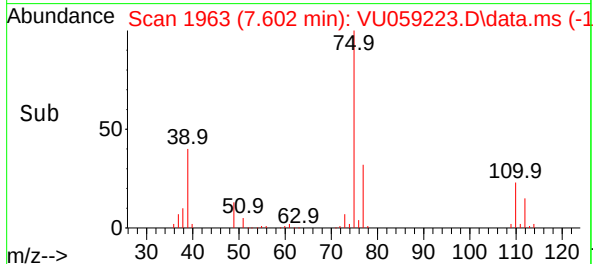
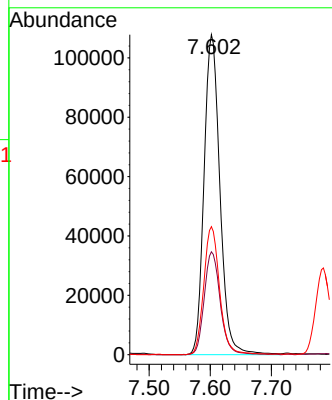
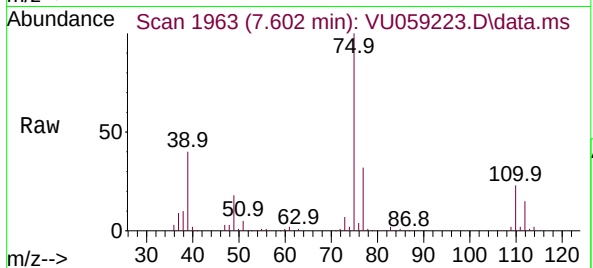




#51
 cis-1,3-Dichloropropene
 Concen: 10.141 ug/l
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VU059223.D
 Acq: 12 Jun 2024 15:26

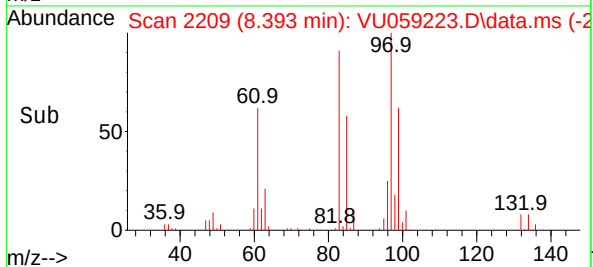
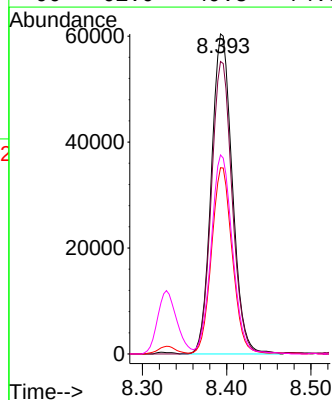
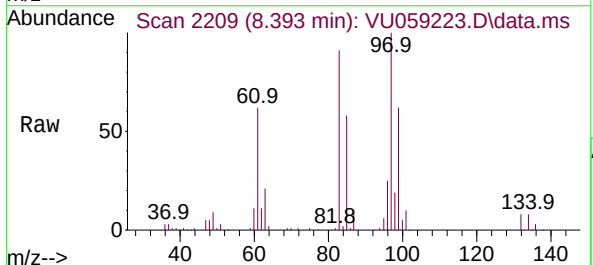
Instrument :
 MSVOA_U
 ClientSampleId :

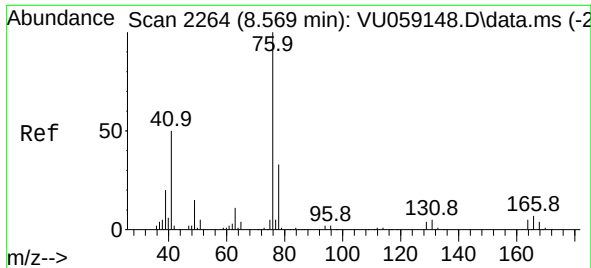
Tgt Ion: 75 Resp: 194713
 Ion Ratio Lower Upper
 75 100
 77 32.1 26.0 39.0
 39 39.9 33.2 49.8



#52
 1,1,2-Trichloroethane
 Concen: 9.996 ug/l
 RT: 8.393 min Scan# 2209
 Delta R.T. 0.000 min
 Lab File: VU059223.D
 Acq: 12 Jun 2024 15:26

Tgt Ion: 97 Resp: 104429
 Ion Ratio Lower Upper
 97 100
 83 91.4 76.4 114.6
 85 57.9 49.6 74.4
 99 61.9 49.8 74.8





#53

1,3-Dichloropropane

Concen: 10.175 ug/l

RT: 8.570 min Scan# 2264

Delta R.T. 0.000 min

Lab File: VU059223.D

Acq: 12 Jun 2024 15:26

Instrument :

MSVOA_U

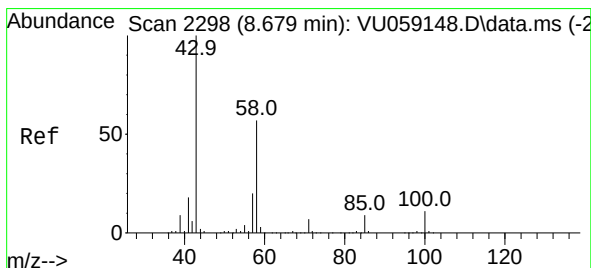
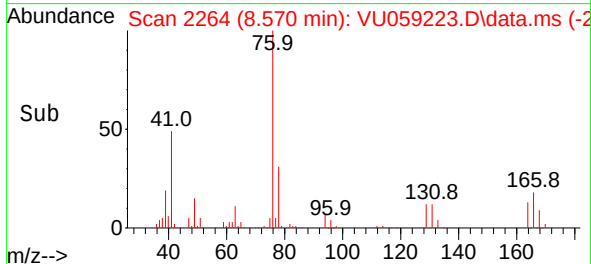
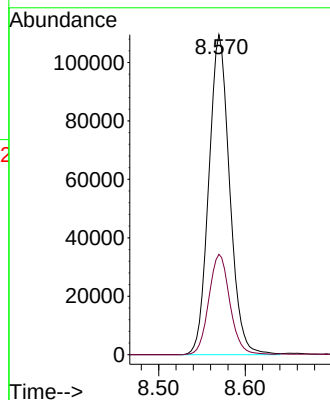
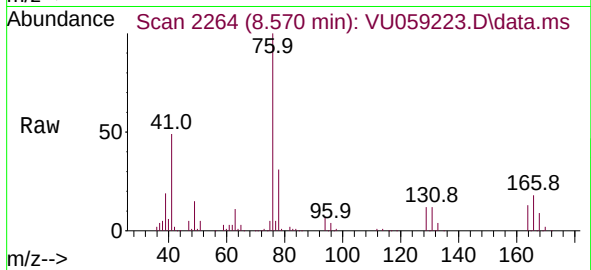
ClientSampleId :

Tgt Ion: 76 Resp: 183134

Ion Ratio Lower Upper

76 100

78 31.7 25.4 38.2



#54

2-Hexanone

Concen: 44.647 ug/l

RT: 8.679 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VU059223.D

Acq: 12 Jun 2024 15:26

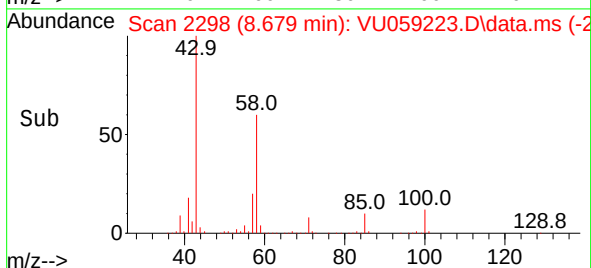
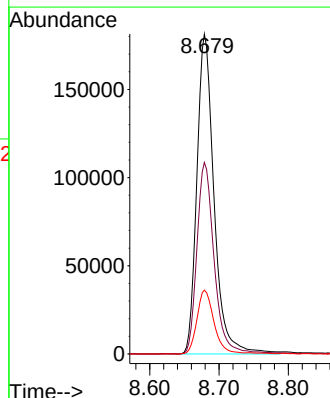
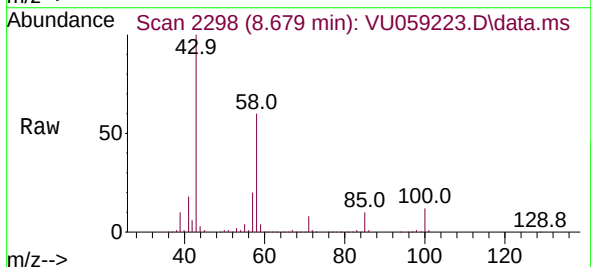
Tgt Ion: 43 Resp: 313655

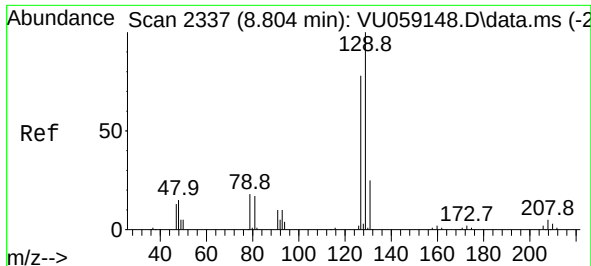
Ion Ratio Lower Upper

43 100

58 60.2 38.6 78.6

57 19.7 0.0 39.5





#55

Dibromochloromethane

Concen: 10.264 ug/l

RT: 8.804 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VU059223.D

Acq: 12 Jun 2024 15:26

Instrument :

MSVOA_U

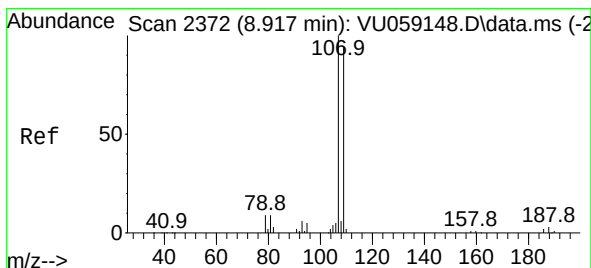
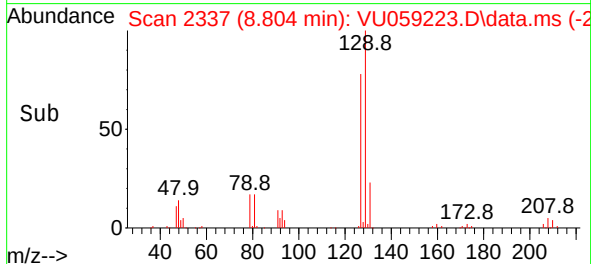
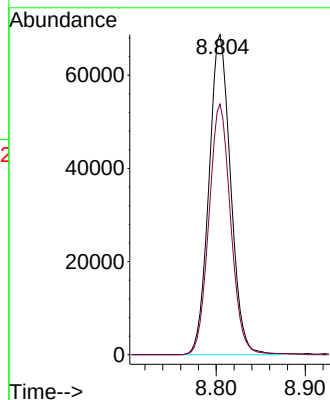
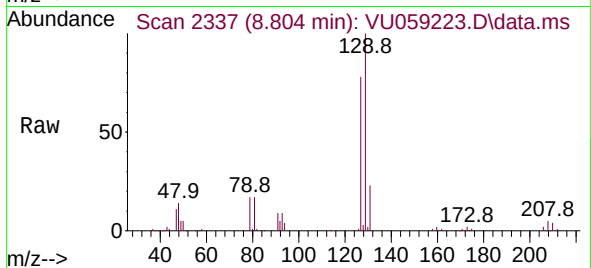
ClientSampleId :

Tgt Ion:129 Resp: 116051

Ion Ratio Lower Upper

129 100

127 78.7 61.9 92.9



#56

1,2-Dibromoethane

Concen: 10.031 ug/l

RT: 8.917 min Scan# 2372

Delta R.T. 0.000 min

Lab File: VU059223.D

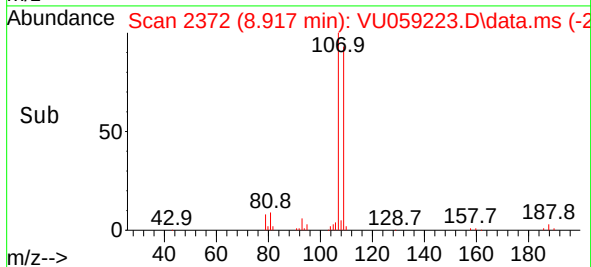
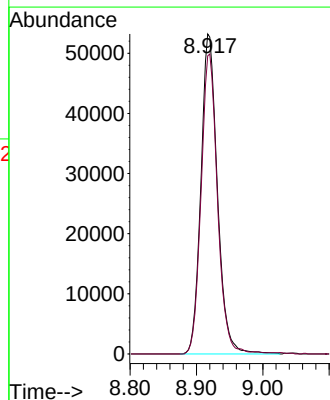
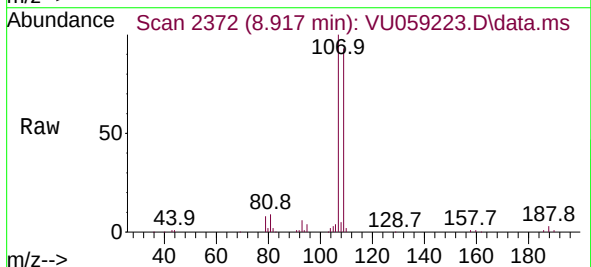
Acq: 12 Jun 2024 15:26

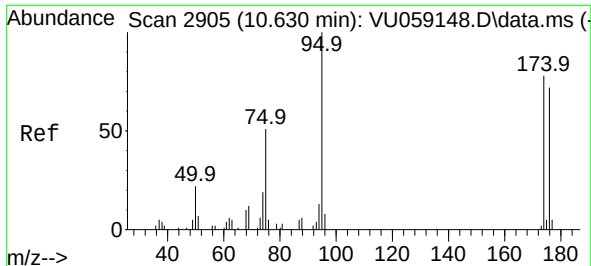
Tgt Ion:107 Resp: 91903

Ion Ratio Lower Upper

107 100

109 92.9 0.0 188.2

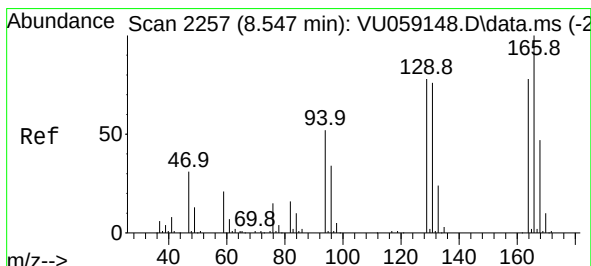
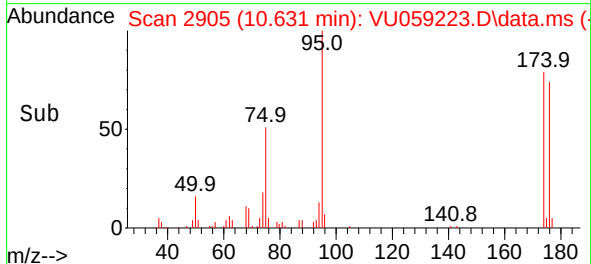
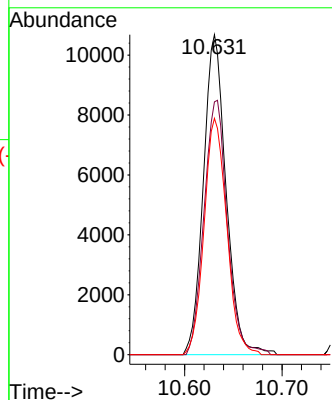
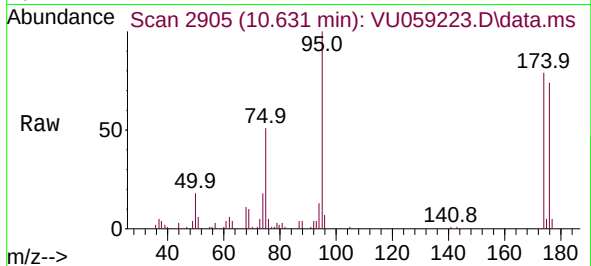




#57
4-Bromofluorobenzene
Concen: 1.061 ug/l
RT: 10.631 min Scan# 2905
Delta R.T. 0.000 min
Lab File: VU059223.D
Acq: 12 Jun 2024 15:26

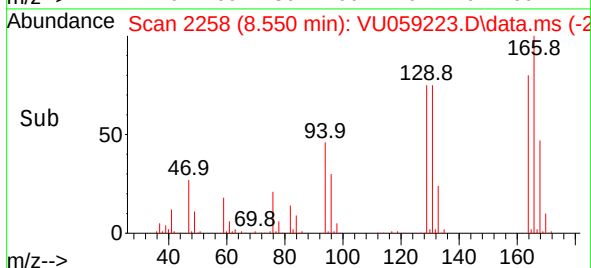
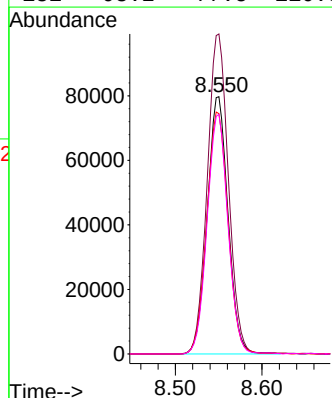
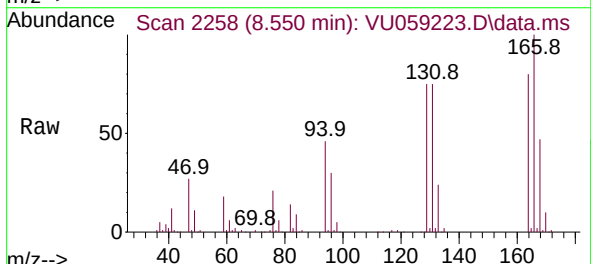
Instrument :
MSVOA_U
ClientSampleId :

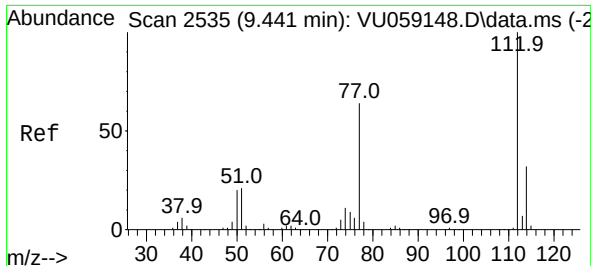
Tgt Ion: 95 Resp: 17267
Ion Ratio Lower Upper
95 100
174 81.8 59.6 89.4
176 73.8 57.3 85.9



#58
Tetrachloroethene
Concen: 11.012 ug/l
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU059223.D
Acq: 12 Jun 2024 15:26

Tgt Ion:164 Resp: 133307
Ion Ratio Lower Upper
164 100
166 124.4 102.6 153.8
129 93.4 80.3 120.5
131 93.2 77.5 116.3





#59

Chlorobenzene

Concen: 10.870 ug/l

RT: 9.441 min Scan# 2535

Delta R.T. 0.000 min

Lab File: VU059223.D

Acq: 12 Jun 2024 15:26

Instrument :

MSVOA_U

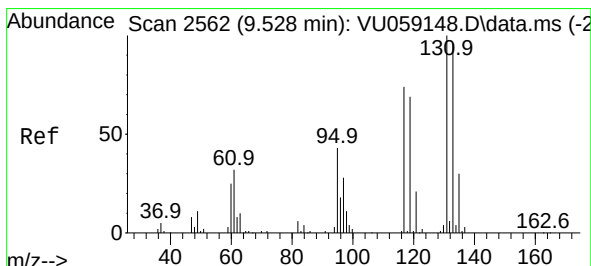
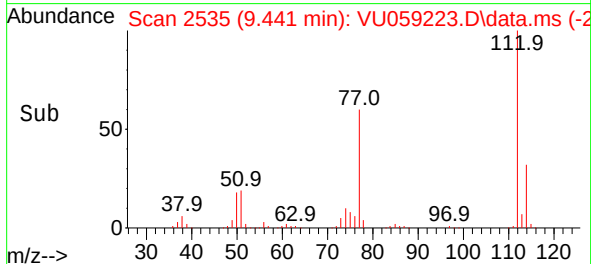
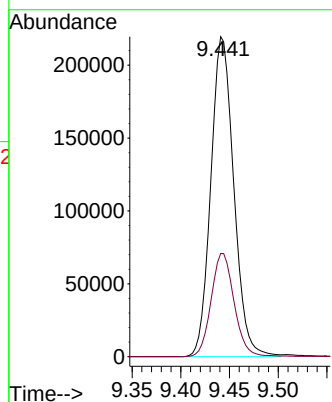
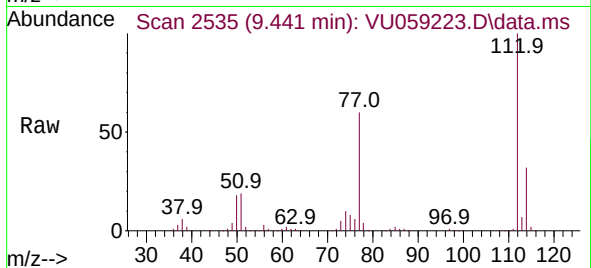
ClientSampleId :

Tgt Ion:112 Resp: 360158

Ion Ratio Lower Upper

112 100

114 32.3 25.6 38.4



#60

1,1,1,2-Tetrachloroethane

Concen: 10.280 ug/l

RT: 9.528 min Scan# 2562

Delta R.T. 0.000 min

Lab File: VU059223.D

Acq: 12 Jun 2024 15:26

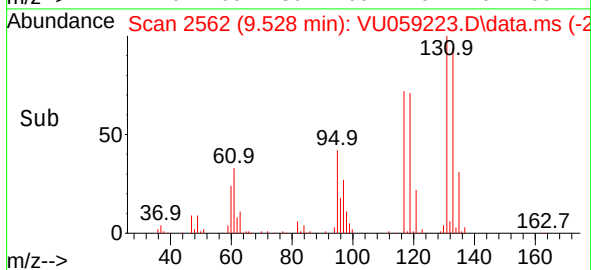
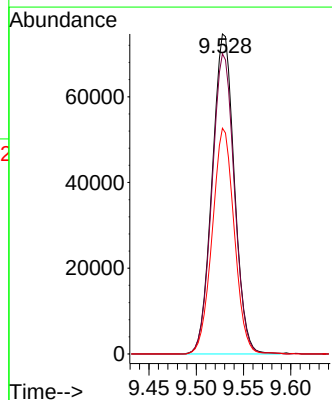
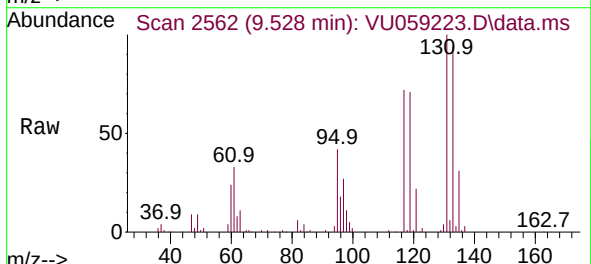
Tgt Ion:131 Resp: 121991

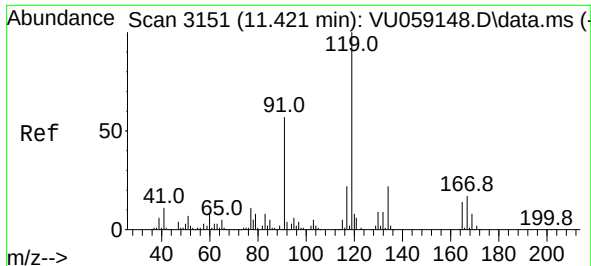
Ion Ratio Lower Upper

131 100

133 94.7 76.7 115.1

119 69.7 55.3 82.9

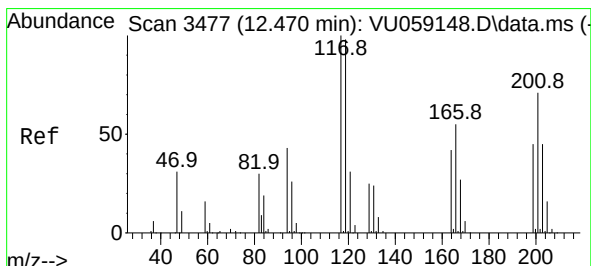
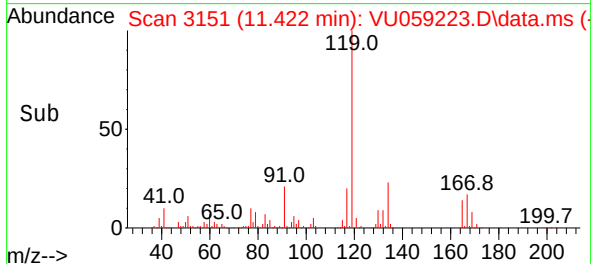
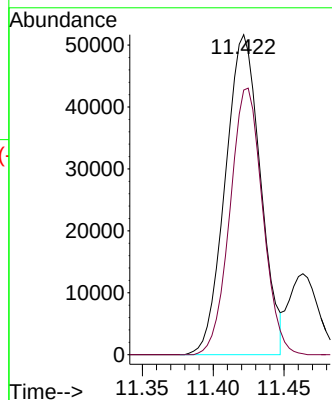
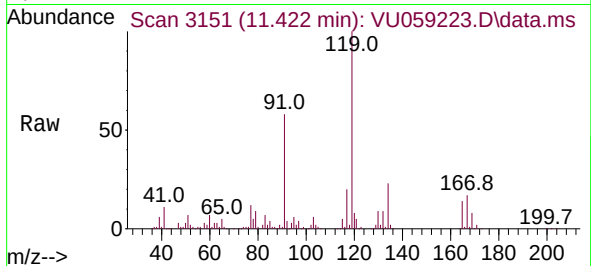




#61
Pentachloroethane
Concen: 9.692 ug/l
RT: 11.422 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU059223.D
Acq: 12 Jun 2024 15:26

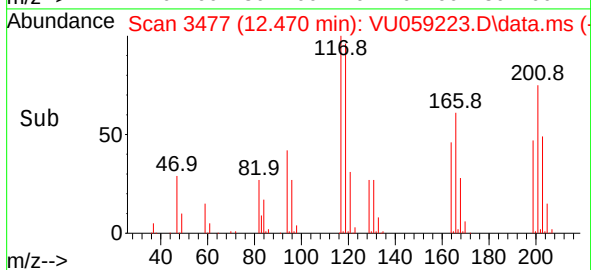
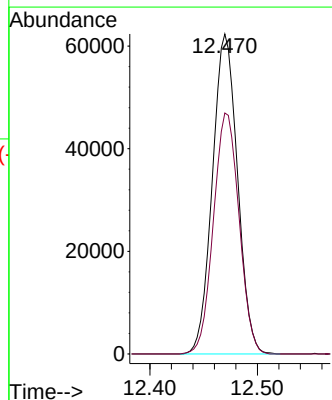
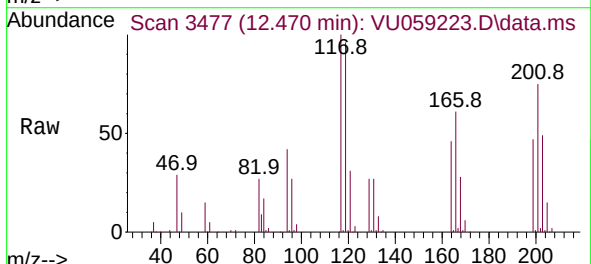
Instrument : MSVOA_U
ClientSampleId :

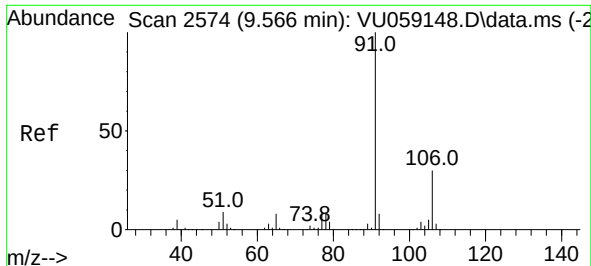
Tgt Ion:117 Resp: 89227
Ion Ratio Lower Upper
117 100
167 77.4 58.1 87.1



#62
Hexachloroethane
Concen: 10.803 ug/l
RT: 12.470 min Scan# 3477
Delta R.T. 0.000 min
Lab File: VU059223.D
Acq: 12 Jun 2024 15:26

Tgt Ion:117 Resp: 101099
Ion Ratio Lower Upper
117 100
201 76.9 55.8 83.8





#63

Ethyl Benzene

Concen: 11.443 ug/l

RT: 9.566 min Scan# 2574

Delta R.T. 0.000 min

Lab File: VU059223.D

Acq: 12 Jun 2024 15:26

Instrument :

MSVOA_U

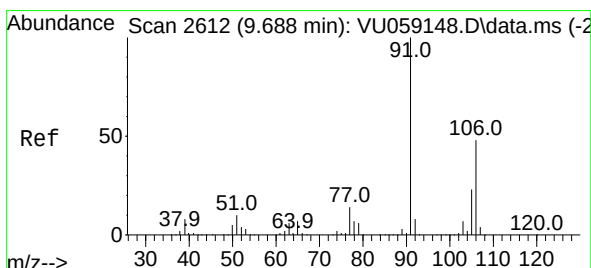
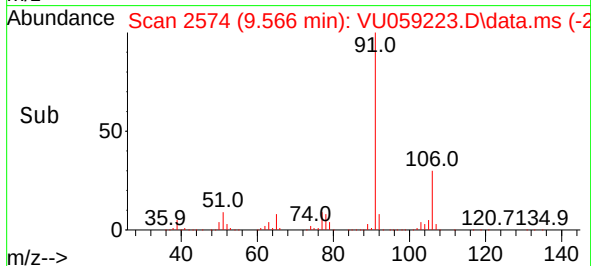
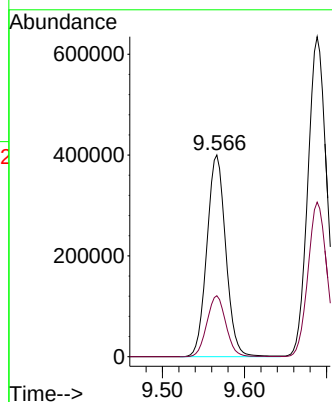
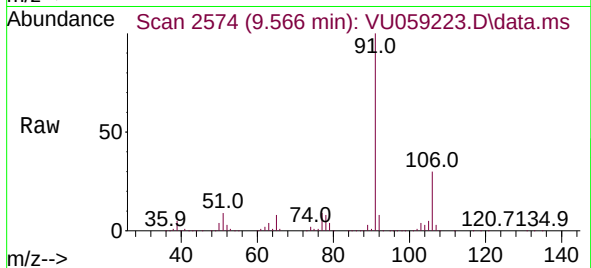
ClientSampleId :

Tgt Ion: 91 Resp: 640050

Ion Ratio Lower Upper

91 100

106 30.2 23.9 35.9



#64

m/p-Xylenes

Concen: 23.518 ug/l

RT: 9.688 min Scan# 2612

Delta R.T. 0.000 min

Lab File: VU059223.D

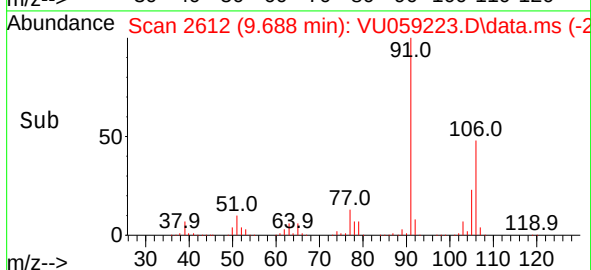
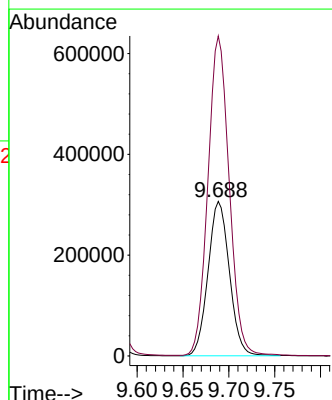
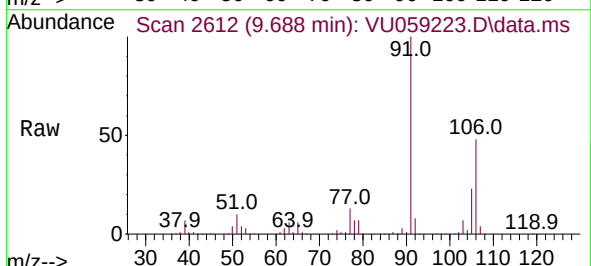
Acq: 12 Jun 2024 15:26

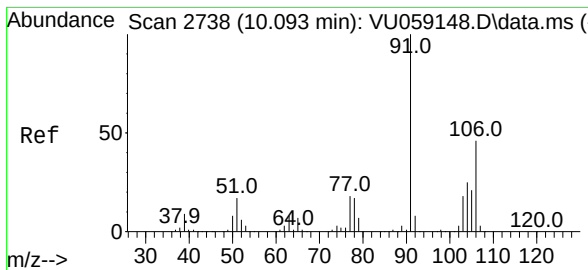
Tgt Ion:106 Resp: 496183

Ion Ratio Lower Upper

106 100

91 207.2 166.4 249.6

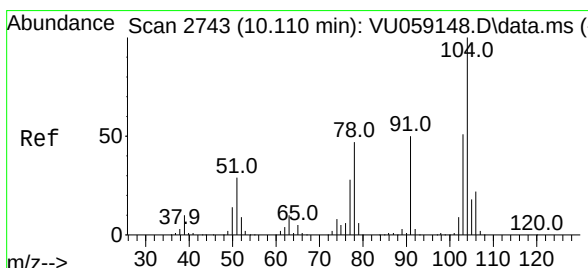
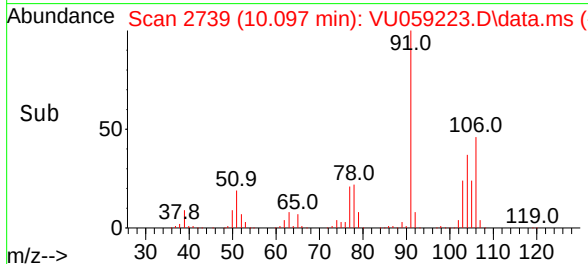
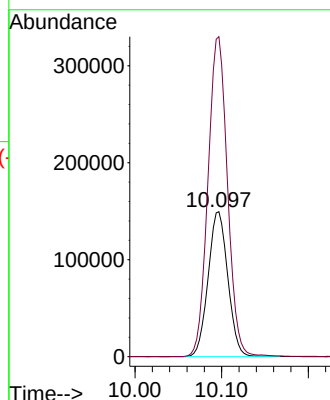
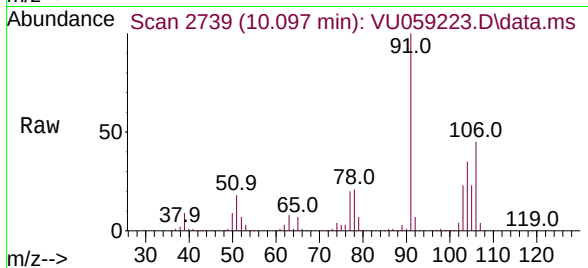




#65
o-Xylene
Concen: 11.381 ug/l
RT: 10.097 min Scan# 2739
Delta R.T. 0.003 min
Lab File: VU059223.D
Acq: 12 Jun 2024 15:26

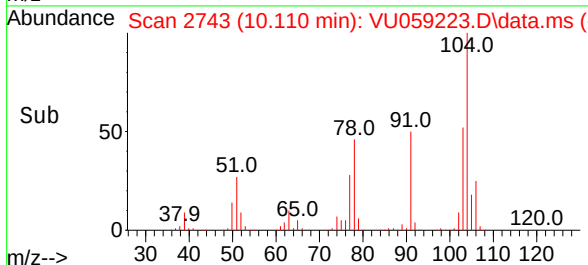
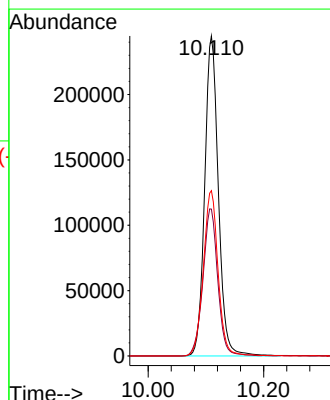
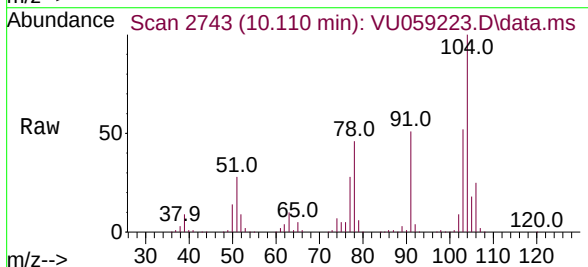
Instrument :
MSVOA_U
ClientSampleId :

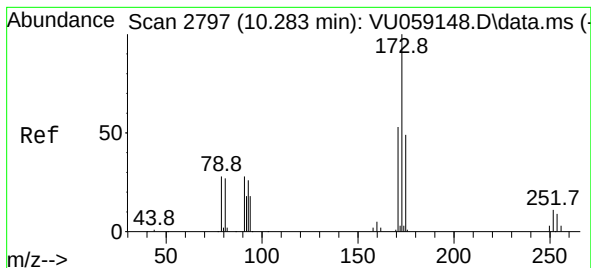
Tgt Ion:106 Resp: 236784
Ion Ratio Lower Upper
106 100
91 218.9 110.7 332.1



#66
Styrene
Concen: 10.038 ug/l
RT: 10.110 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VU059223.D
Acq: 12 Jun 2024 15:26

Tgt Ion:104 Resp: 402344
Ion Ratio Lower Upper
104 100
78 49.8 41.6 62.4
103 55.7 44.6 66.8





#67

Bromoform

Concen: 10.764 ug/l

RT: 10.287 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU059223.D

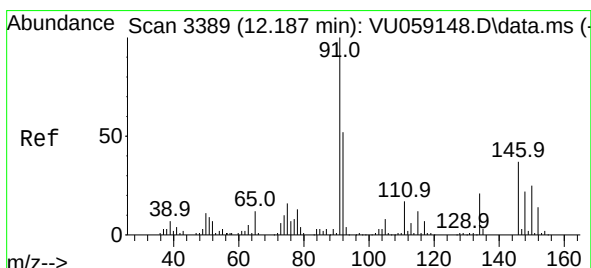
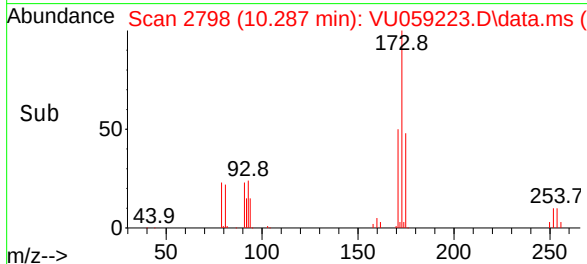
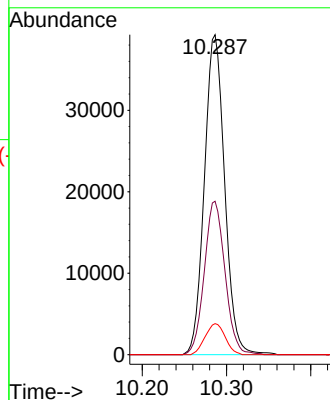
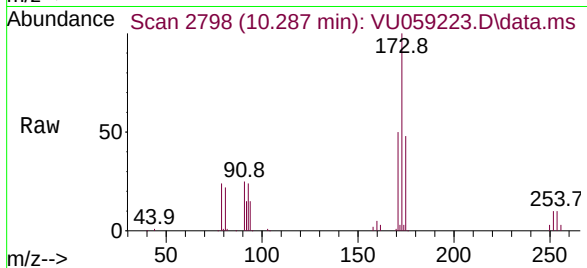
Acq: 12 Jun 2024 15:26

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:173	Resp:	65894
Ion Ratio	Lower	Upper
173	100	
175	48.9	40.1 60.1
254	9.6	7.0 10.4



#68

1,2-Dichlorobenzene-d4

Concen: 1.046 ug/l

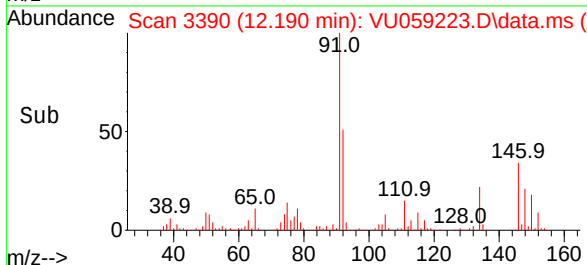
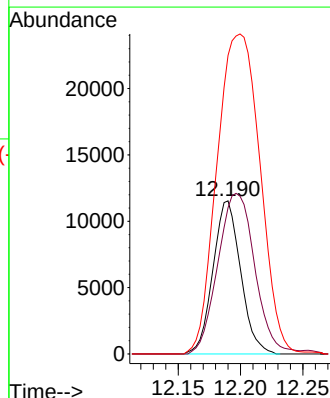
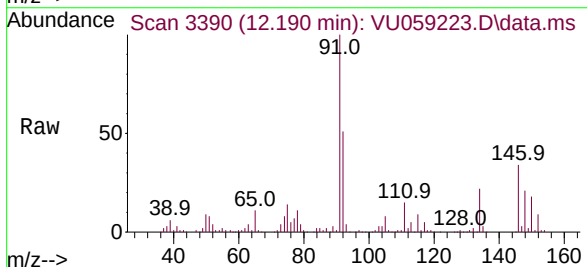
RT: 12.190 min Scan# 3390

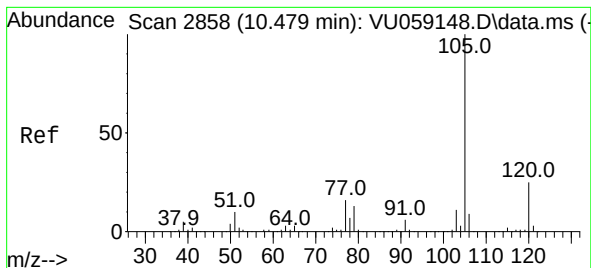
Delta R.T. 0.003 min

Lab File: VU059223.D

Acq: 12 Jun 2024 15:26

Tgt Ion:152	Resp:	17826
Ion Ratio	Lower	Upper
152	100	
115	140.2	0.0 293.2
150	325.0	0.0 636.0





#69

Isopropylbenzene

Concen: 11.789 ug/l

RT: 10.479 min Scan# 2858

Delta R.T. 0.000 min

Lab File: VU059223.D

Acq: 12 Jun 2024 15:26

Instrument :

MSVOA_U

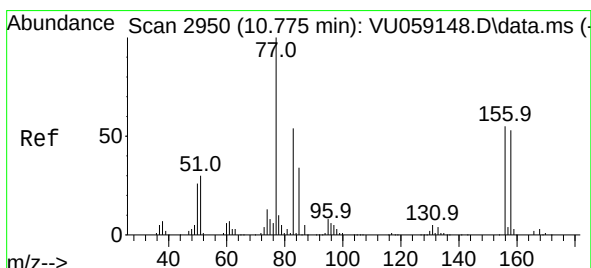
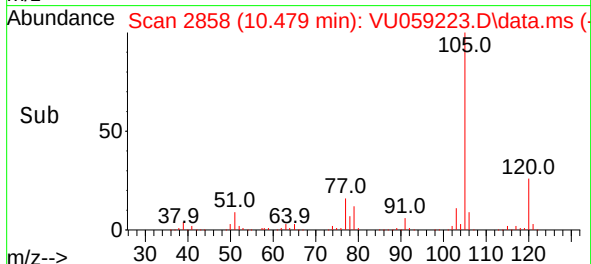
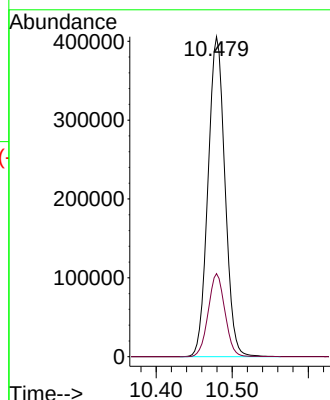
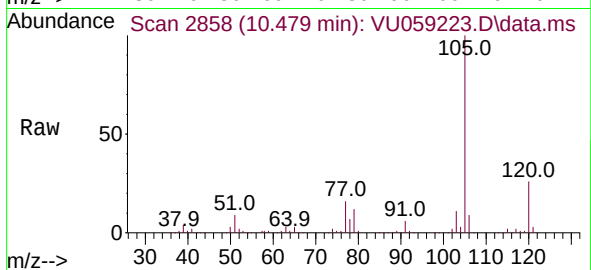
ClientSampleId :

Tgt Ion:105 Resp: 628453

Ion Ratio Lower Upper

105 100

120 25.5 12.7 38.0



#70

1,1,2,2-Tetrachloroethane

Concen: 9.917 ug/l

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU059223.D

Acq: 12 Jun 2024 15:26

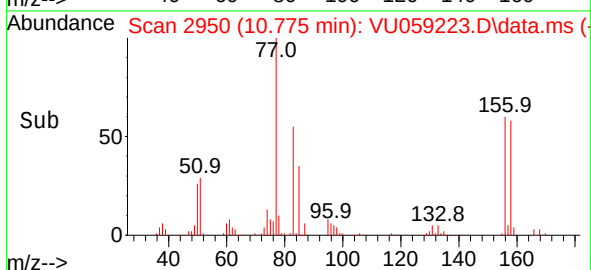
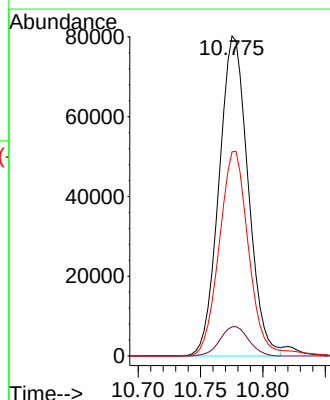
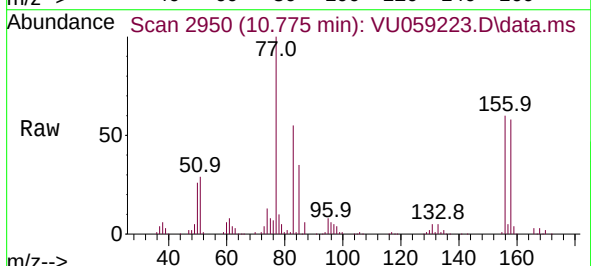
Tgt Ion: 83 Resp: 130246

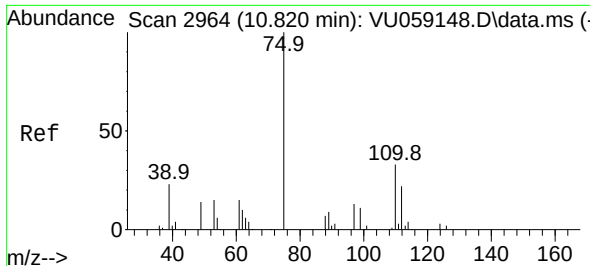
Ion Ratio Lower Upper

83 100

131 9.1 6.6 10.0

85 65.1 50.1 75.1



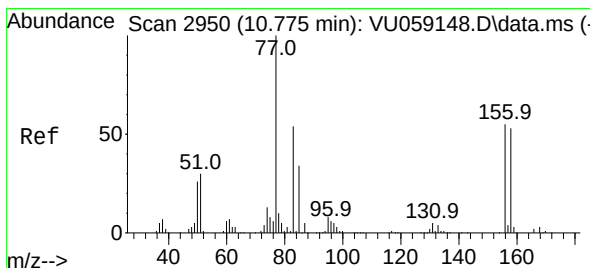
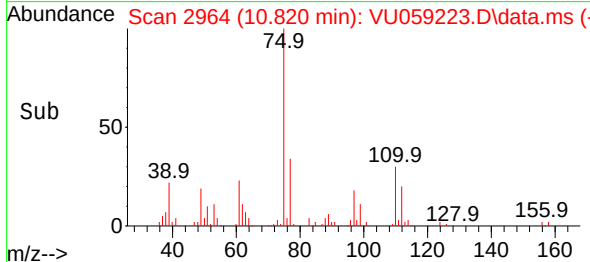
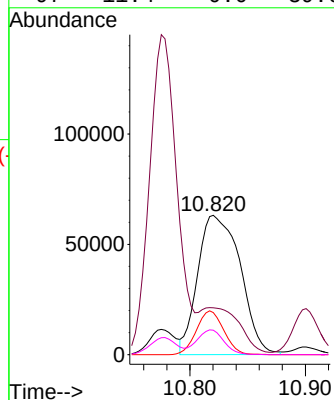
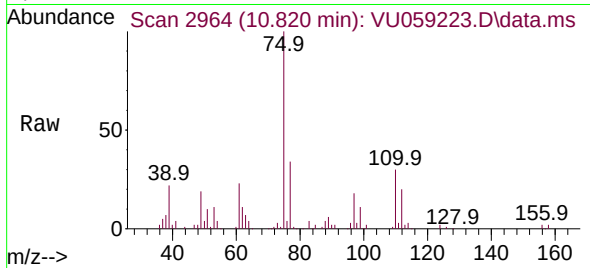


#71
1,2,3-Trichloropropane
Concen: 16.110 ug/l
RT: 10.820 min Scan# 2964
Delta R.T. 0.000 min
Lab File: VU059223.D
Acq: 12 Jun 2024 15:26

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 161485

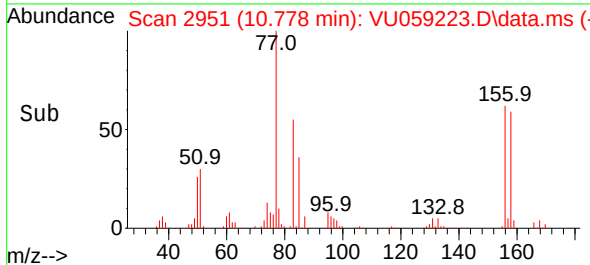
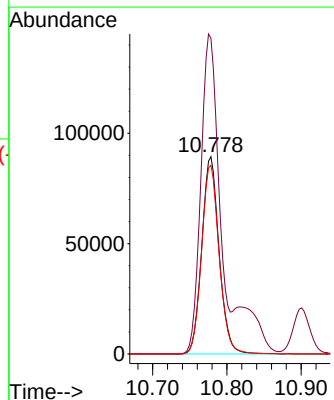
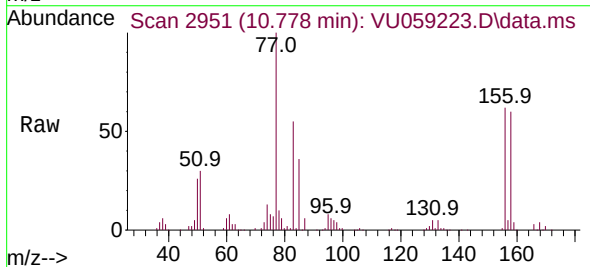
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0
110	20.3	0.0	68.4
97	11.4	0.0	39.6

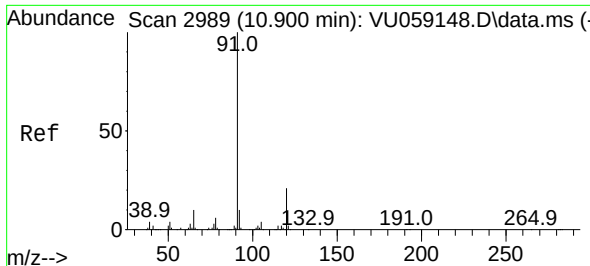


#72
Bromobenzene
Concen: 11.337 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VU059223.D
Acq: 12 Jun 2024 15:26

Tgt Ion: 156 Resp: 144880

Ion	Ratio	Lower	Upper
156	100		
77	168.6	0.0	359.6
158	96.9	0.0	192.2

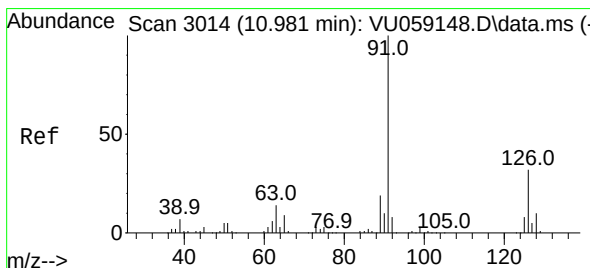
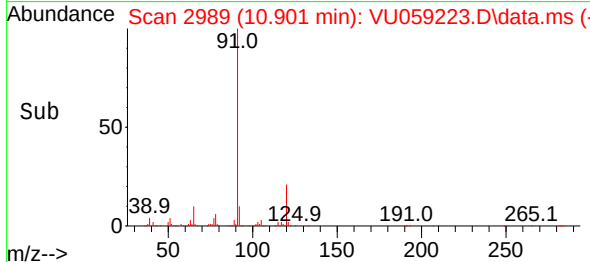
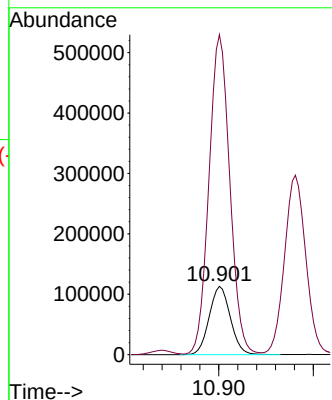
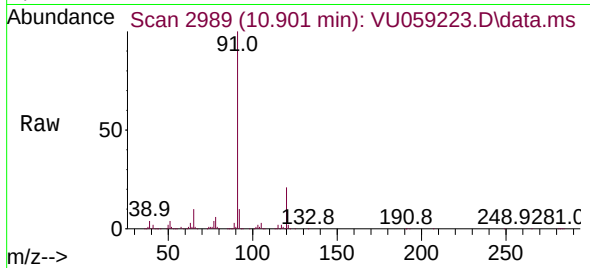




#73
n-propylbenzene
Concen: 10.244 ug/l
RT: 10.901 min Scan# 2989
Delta R.T. 0.000 min
Lab File: VU059223.D
Acq: 12 Jun 2024 15:26

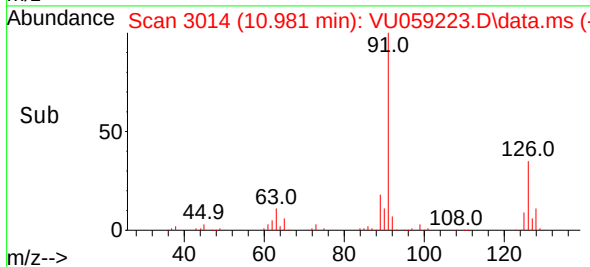
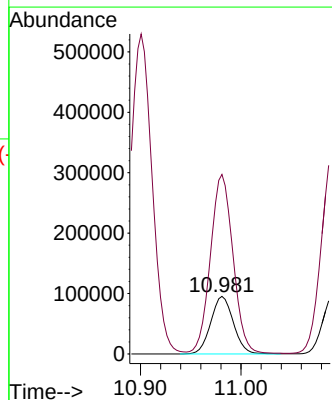
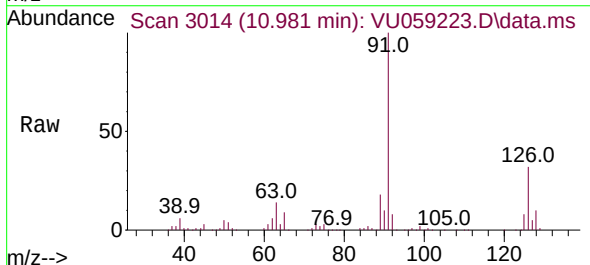
Instrument :
MSVOA_U
ClientSampleId :

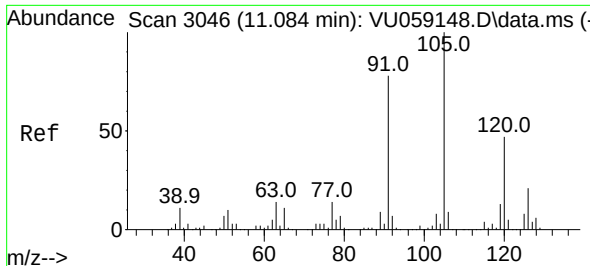
Tgt Ion:120 Resp: 175387
Ion Ratio Lower Upper
120 100
91 459.9 378.6 567.8



#74
2-Chlorotoluene
Concen: 11.437 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. 0.000 min
Lab File: VU059223.D
Acq: 12 Jun 2024 15:26

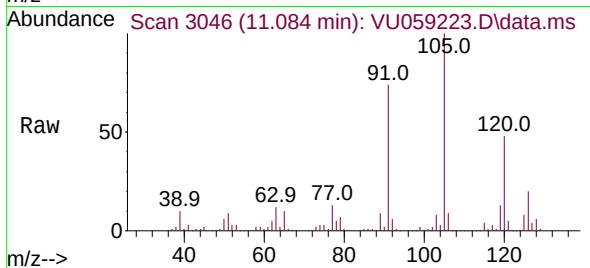
Tgt Ion:126 Resp: 148976
Ion Ratio Lower Upper
126 100
91 310.4 0.0 627.0



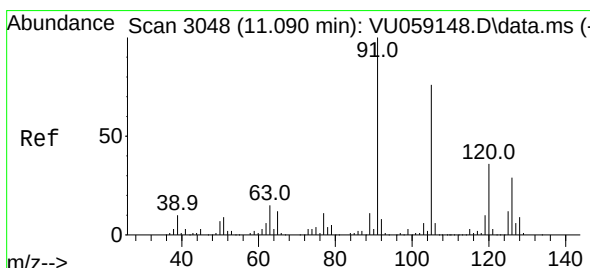
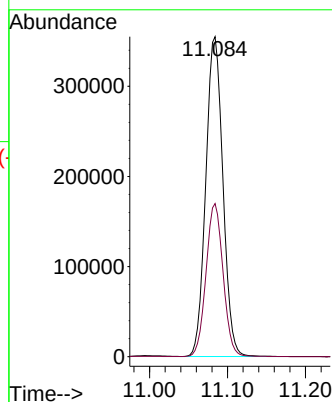
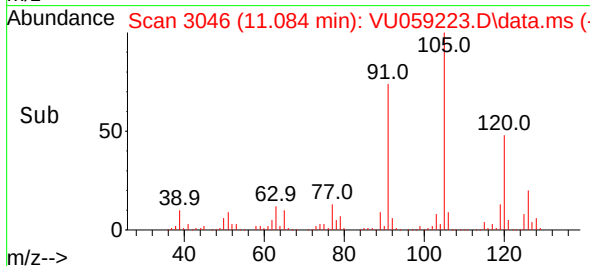


#75
1,3,5-Trimethylbenzene
Concen: 9.904 ug/l
RT: 11.084 min Scan# 3046
Delta R.T. 0.000 min
Lab File: VU059223.D
Acq: 12 Jun 2024 15:26

Instrument :
MSVOA_U
ClientSampleId :

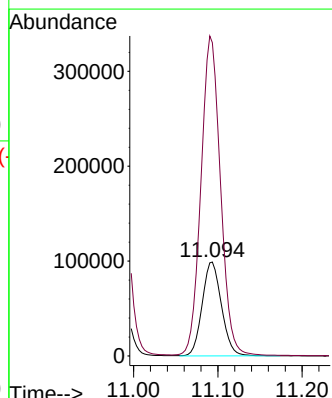
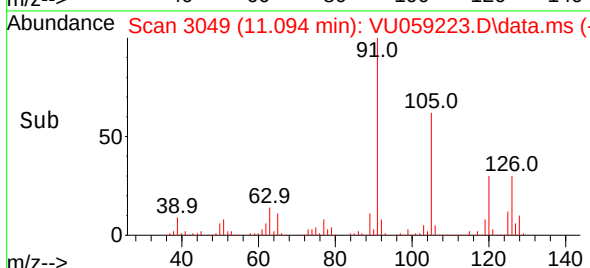
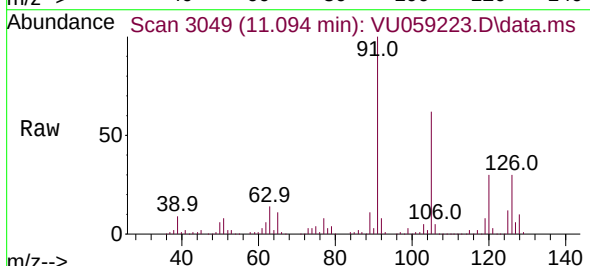


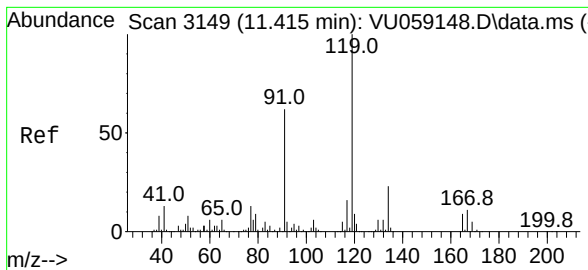
Tgt Ion:105 Resp: 541404
Ion Ratio Lower Upper
105 100
120 47.6 37.5 56.3



#76
4-Chlorotoluene
Concen: 11.577 ug/l
RT: 11.094 min Scan# 3049
Delta R.T. 0.003 min
Lab File: VU059223.D
Acq: 12 Jun 2024 15:26

Tgt Ion:126 Resp: 157650
Ion Ratio Lower Upper
126 100
91 346.3 0.0 704.4





#77

tert-Butylbenzene

Concen: 11.656 ug/l

RT: 11.415 min Scan# 3149

Delta R.T. 0.000 min

Lab File: VU059223.D

Acq: 12 Jun 2024 15:26

Instrument :

MSVOA_U

ClientSampleId :

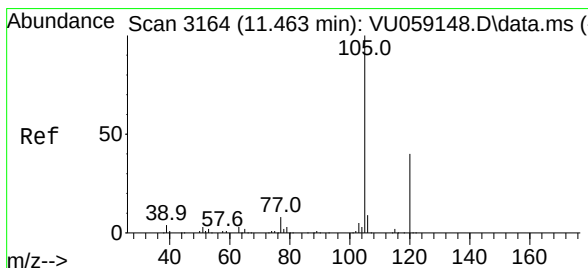
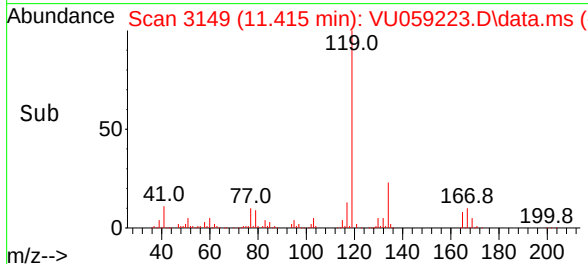
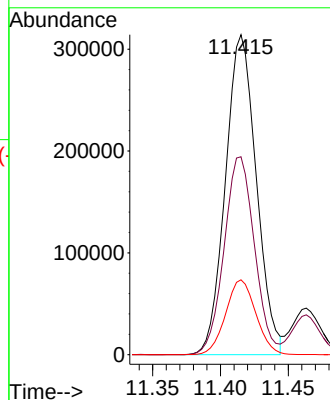
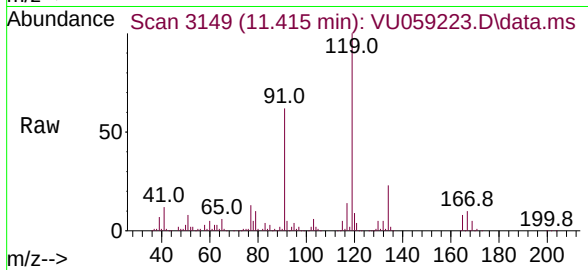
Tgt Ion:119 Resp: 498717

Ion Ratio Lower Upper

119 100

91 60.9 30.7 92.1

134 22.9 17.7 26.5



#78

1,2,4-Trimethylbenzene

Concen: 10.024 ug/l

RT: 11.463 min Scan# 3164

Delta R.T. 0.000 min

Lab File: VU059223.D

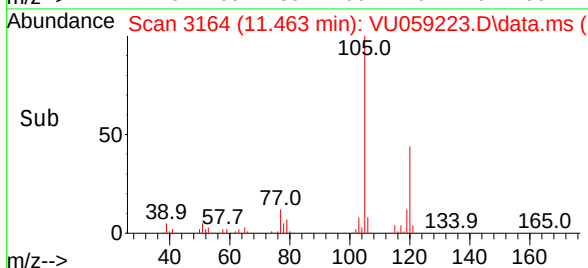
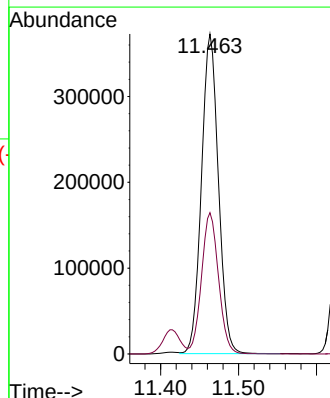
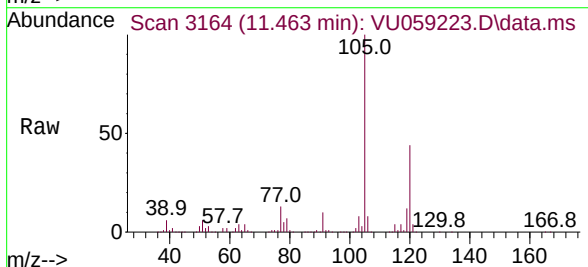
Acq: 12 Jun 2024 15:26

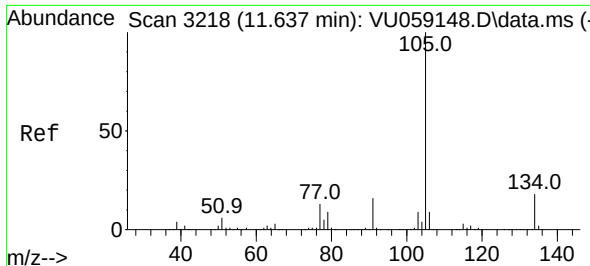
Tgt Ion:105 Resp: 562484

Ion Ratio Lower Upper

105 100

120 44.3 21.7 65.1





#79

sec-Butylbenzene

Concen: 10.103 ug/l

RT: 11.640 min Scan# 3218

Delta R.T. 0.003 min

Lab File: VU059223.D

Acq: 12 Jun 2024 15:26

Instrument :

MSVOA_U

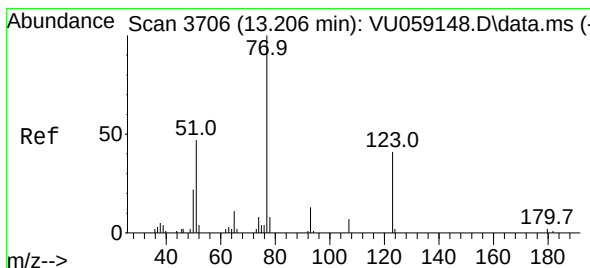
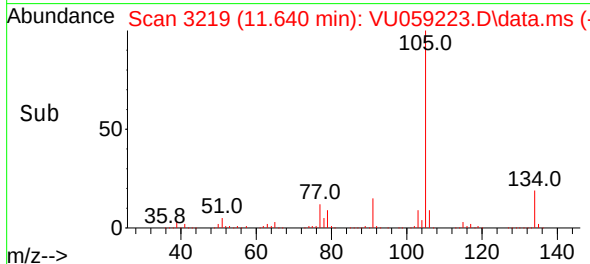
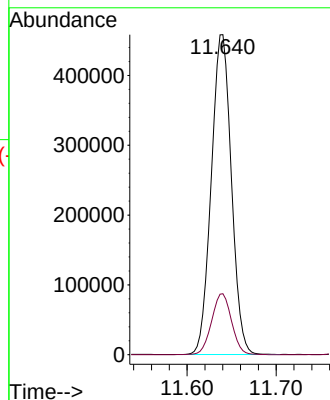
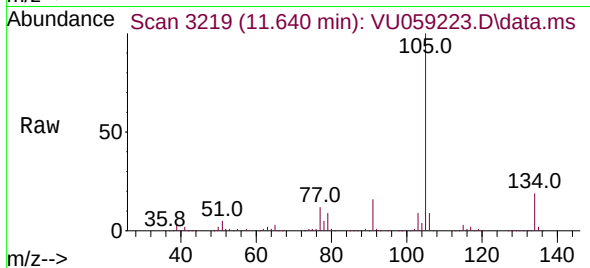
ClientSampleId :

Tgt Ion:105 Resp: 717955

Ion Ratio Lower Upper

105 100

134 18.9 14.5 21.7



#80

Nitrobenzene

Concen: 48.180 ug/l

RT: 13.206 min Scan# 3706

Delta R.T. 0.000 min

Lab File: VU059223.D

Acq: 12 Jun 2024 15:26

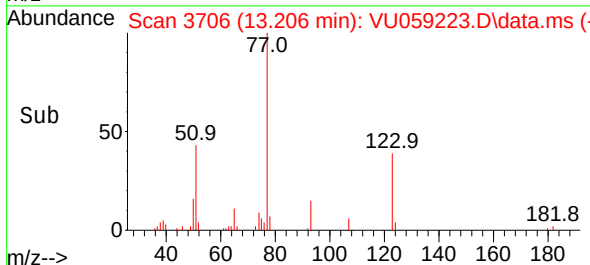
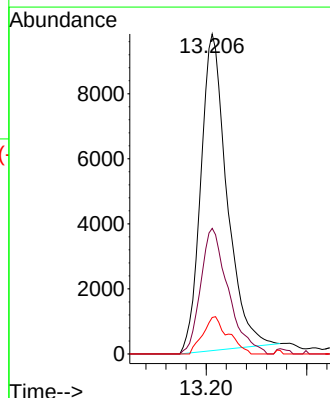
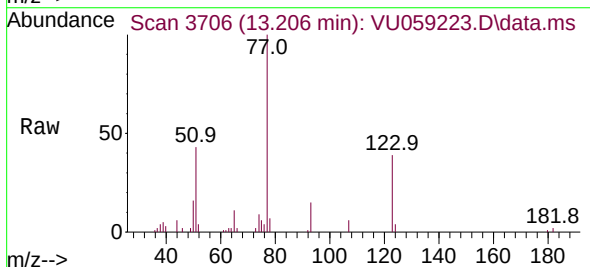
Tgt Ion: 77 Resp: 17549

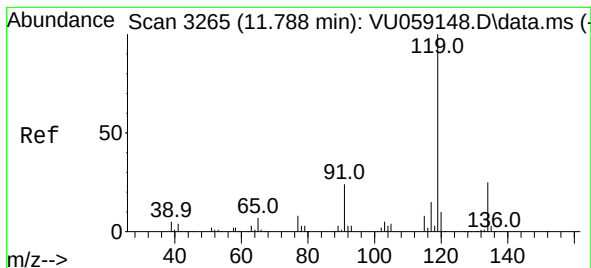
Ion Ratio Lower Upper

77 100

123 41.9 18.3 64.7

65 11.4 10.6 13.4





#81

p-Isopropyltoluene

Concen: 10.288 ug/l

RT: 11.788 min Scan# 3265

Delta R.T. 0.000 min

Lab File: VU059223.D

Acq: 12 Jun 2024 15:26

Instrument :

MSVOA_U

ClientSampleId :

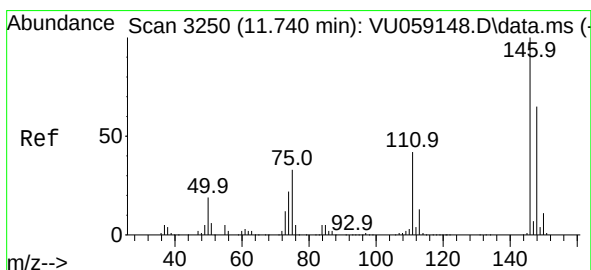
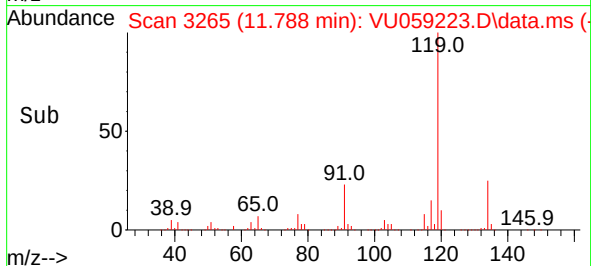
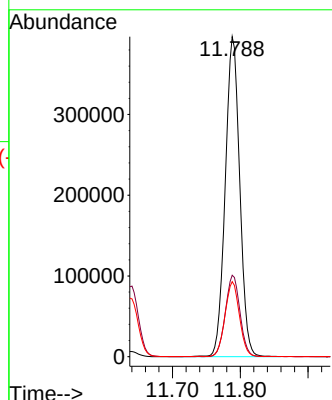
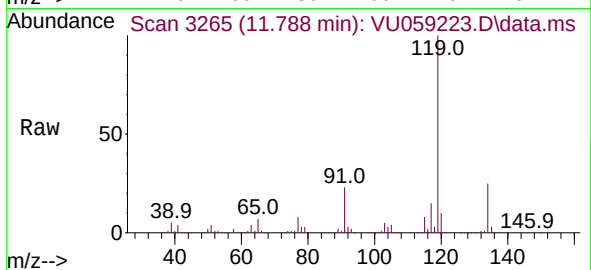
Tgt Ion:119 Resp: 587373

Ion Ratio Lower Upper

119 100

134 25.6 20.2 30.4

91 23.2 19.3 28.9



#82

1,3-Dichlorobenzene

Concen: 11.125 ug/l

RT: 11.740 min Scan# 3250

Delta R.T. 0.000 min

Lab File: VU059223.D

Acq: 12 Jun 2024 15:26

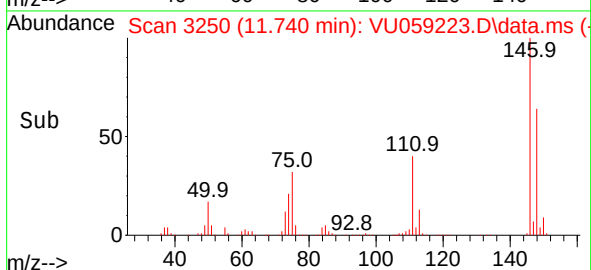
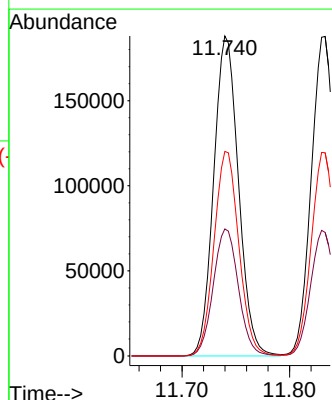
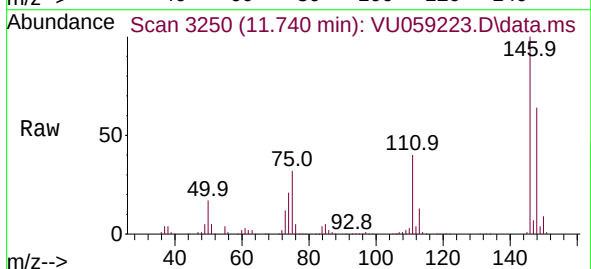
Tgt Ion:146 Resp: 301249

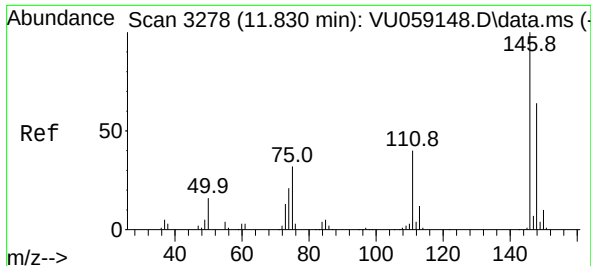
Ion Ratio Lower Upper

146 100

111 40.3 33.4 50.0

148 64.1 51.2 76.8





#83

1,4-Dichlorobenzene

Concen: 11.170 ug/l

RT: 11.833 min Scan# 3278

Delta R.T. 0.003 min

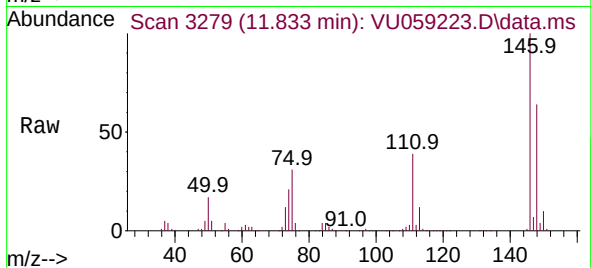
Lab File: VU059223.D

Acq: 12 Jun 2024 15:26

Instrument :

MSVOA_U

ClientSampleId :



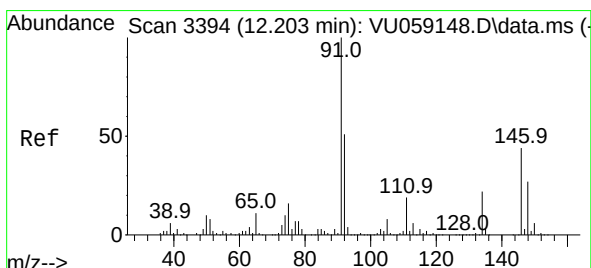
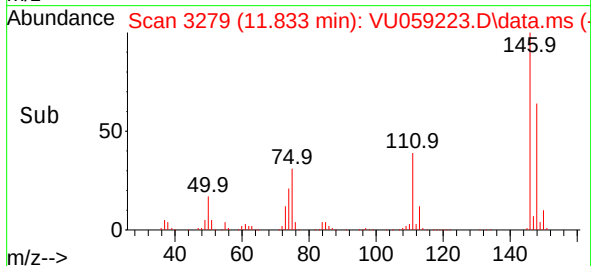
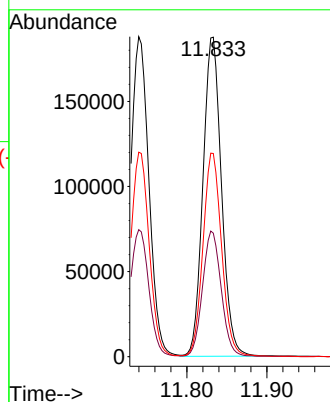
Tgt Ion:146 Resp: 302465

Ion Ratio Lower Upper

146 100

111 39.5 32.1 48.1

148 64.0 51.2 76.8



#84

n-Butylbenzene

Concen: 10.310 ug/l

RT: 12.203 min Scan# 3394

Delta R.T. 0.000 min

Lab File: VU059223.D

Acq: 12 Jun 2024 15:26

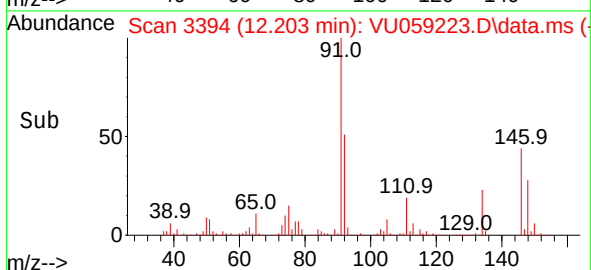
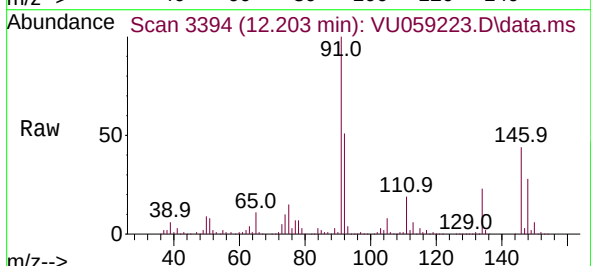
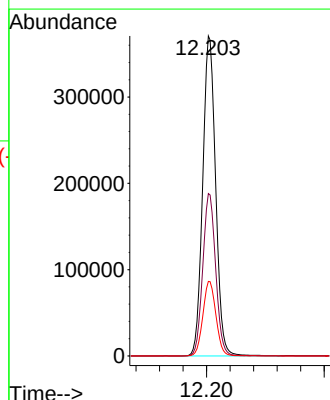
Tgt Ion: 91 Resp: 564851

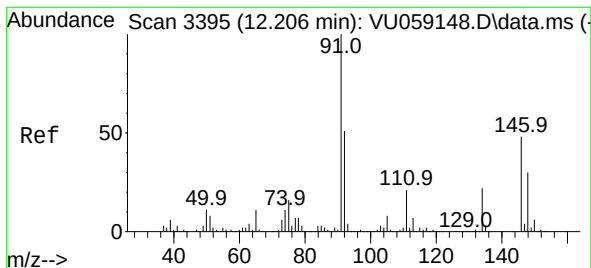
Ion Ratio Lower Upper

91 100

92 50.8 40.7 61.1

134 23.5 17.6 26.4





#85

1,2-Dichlorobenzene

Concen: 11.198 ug/l

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU059223.D

Acq: 12 Jun 2024 15:26

Instrument :

MSVOA_U

ClientSampleId :

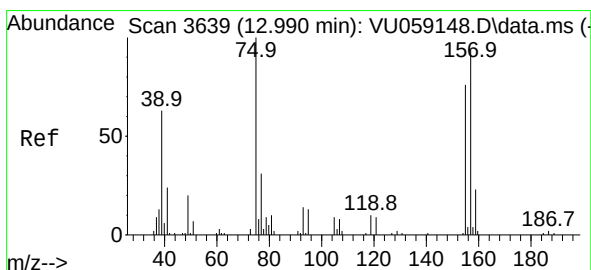
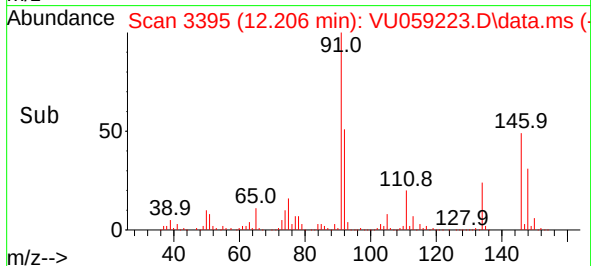
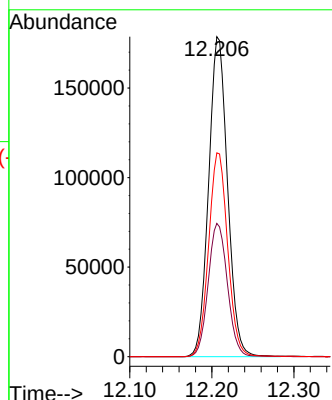
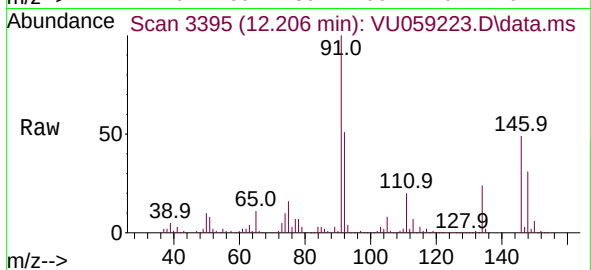
Tgt Ion:146 Resp: 286194

Ion Ratio Lower Upper

146 100

111 42.4 21.8 65.3

148 64.3 31.3 93.9



#86

1,2-Dibromo-3-Chloropropane

Concen: 10.591 ug/l

RT: 12.991 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU059223.D

Acq: 12 Jun 2024 15:26

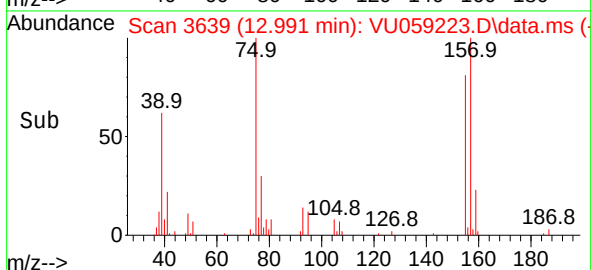
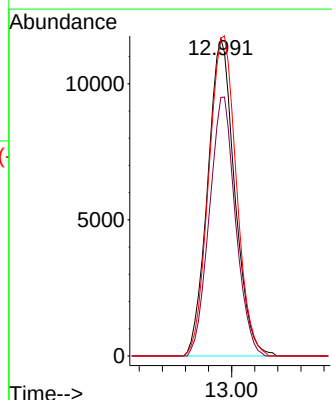
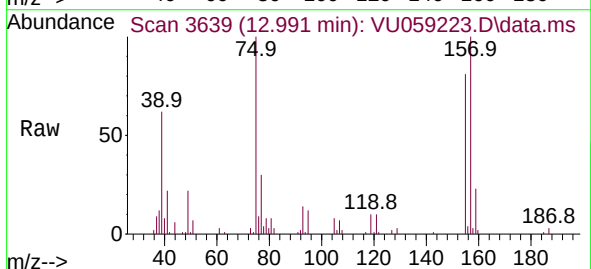
Tgt Ion: 75 Resp: 18929

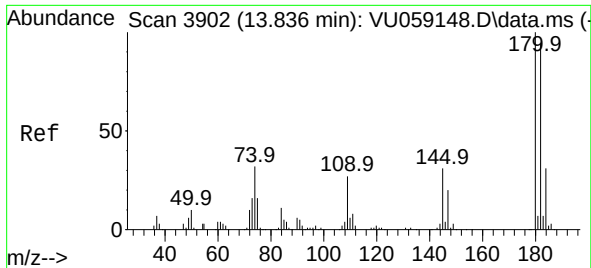
Ion Ratio Lower Upper

75 100

155 78.8 61.2 91.8

157 102.9 75.8 113.6





#87

1,2,4-Trichlorobenzene

Concen: 12.538 ug/l

RT: 13.836 min Scan# 3902

Delta R.T. 0.000 min

Lab File: VU059223.D

Acq: 12 Jun 2024 15:26

Instrument :

MSVOA_U

ClientSampleId :

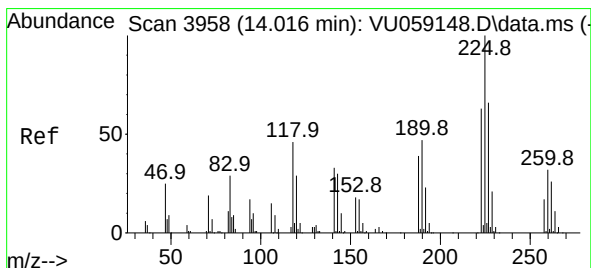
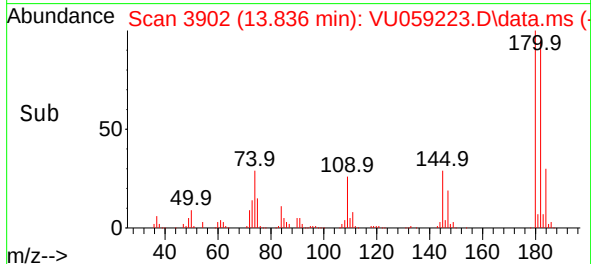
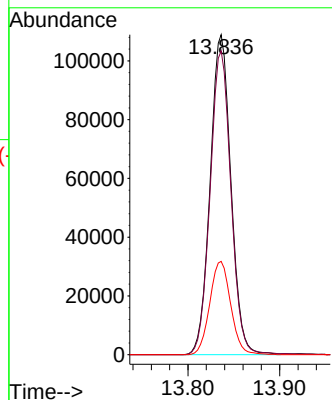
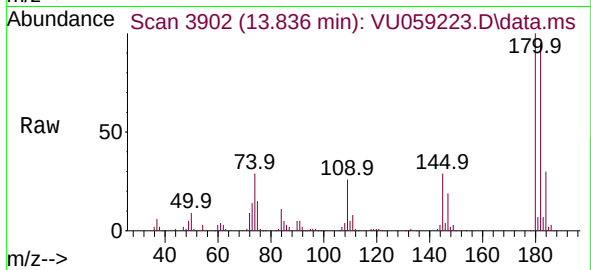
Tgt Ion:180 Resp: 171527

Ion Ratio Lower Upper

180 100

182 94.9 75.7 113.5

145 29.4 24.6 36.8



#88

Hexachlorobutadiene

Concen: 12.130 ug/l

RT: 14.016 min Scan# 3958

Delta R.T. 0.000 min

Lab File: VU059223.D

Acq: 12 Jun 2024 15:26

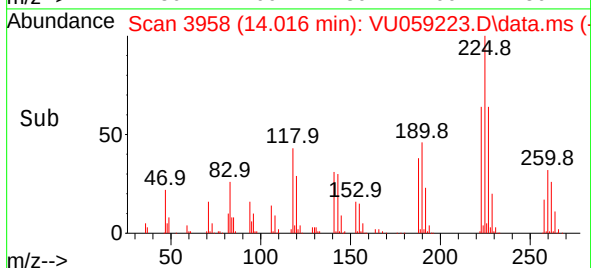
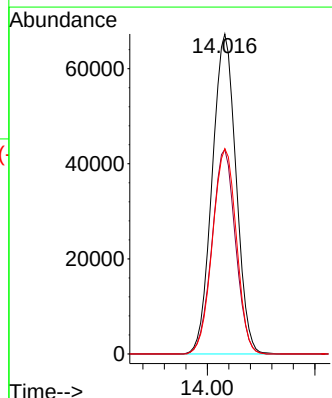
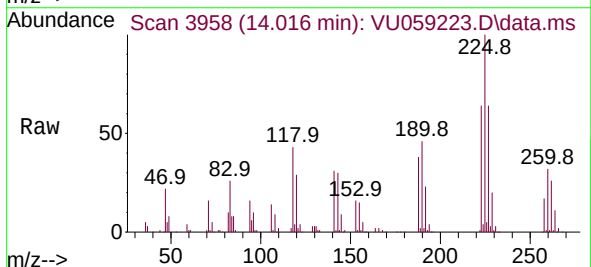
Tgt Ion:225 Resp: 103591

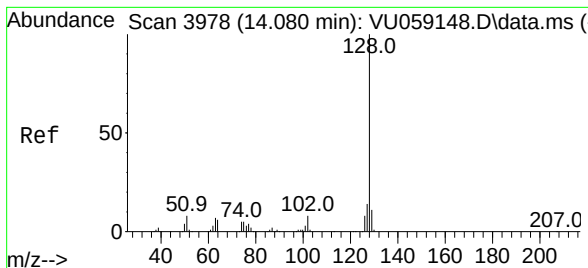
Ion Ratio Lower Upper

225 100

223 63.0 50.0 75.0

227 64.3 51.8 77.8





#89

Naphthalene

Concen: 11.710 ug/l

RT: 14.084 min Scan# 3978

Delta R.T. 0.004 min

Lab File: VU059223.D

Acq: 12 Jun 2024 15:26

Instrument :

MSVOA_U

ClientSampleId :

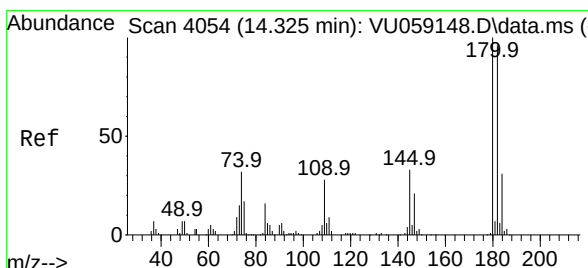
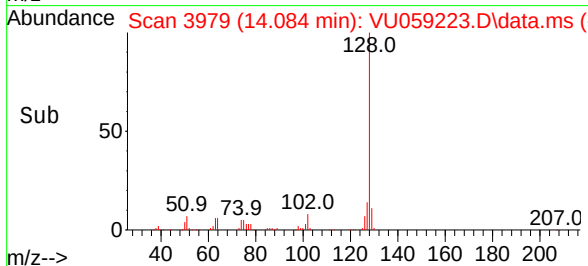
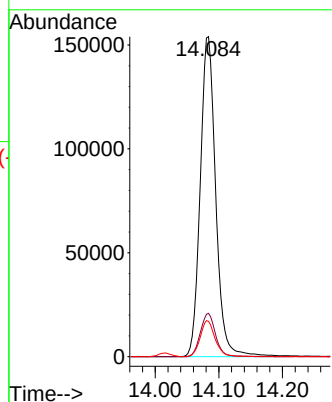
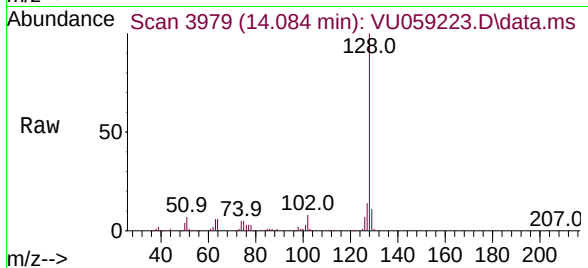
Tgt Ion:128 Resp: 260700

Ion Ratio Lower Upper

128 100

127 13.2 10.7 16.1

129 10.9 8.4 12.6



#90

1,2,3-Trichlorobenzene

Concen: 12.637 ug/l

RT: 14.325 min Scan# 4054

Delta R.T. -0.000 min

Lab File: VU059223.D

Acq: 12 Jun 2024 15:26

Tgt Ion:180 Resp: 157189

Ion Ratio Lower Upper

180 100

182 95.3 76.3 114.5

145 32.1 26.5 39.7

