

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060524\
 Data File : VU059152.D
 Acq On : 05 Jun 2024 15:13
 Operator : MD/SY
 Sample : VSTDICV010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 06 03:41:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U060524DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jun 06 03:28:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.110	96	45722	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	16921	1.088	ug/l	0.00
Spiked Amount	1.000		Recovery	=	109.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	16437	1.009	ug/l	0.00
Spiked Amount	1.000		Recovery	=	101.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	87580	6.114	ug/l	99
3) Chloromethane	1.515	50	133820	7.761	ug/l	98
4) Vinyl Chloride	1.599	62	142484	8.176	ug/l	98
5) Bromomethane	1.853	94	88811	8.387	ug/l	96
6) Chloroethane	1.930	64	94865	8.462	ug/l	100
7) Trichlorofluoromethane	2.133	101	173816	8.039	ug/l	96
8) 1,1,2-Trichloro-1,2,2-...	2.573	101	110194	9.913	ug/l	98
9) 1,1-Dichloroethene	2.573	96	106142	9.638	ug/l	99
10) Iodomethane	2.715	142	147056	10.643	ug/l	98
11) Allyl Chloride	2.917	41	159583	10.722	ug/l	96
12) Acrylonitrile	3.313	53	125934	50.615	ug/l	96
13) Acetone	2.634	43	121646	32.129	ug/l	98
14) Carbon Disulfide	2.789	76	316100	9.006	ug/l	99
15) Methylene Chloride	3.036	84	139907	9.267	ug/l	99
16) trans-1,2-Dichloroethene	3.348	96	115472	9.610	ug/l	98
17) 1,1-Dichloroethane	3.859	63	239223	9.507	ug/l	99
18) 2-Butanone	4.705	43	158750	37.801	ug/l	100
19) Cyclohexane	5.383	56	164148	9.013	ug/l	89
20) Methylcyclohexane	6.759	83	194905	10.650	ug/l	99
21) 2,2-Dichloropropane	4.657	77	185041	9.942	ug/l	100
22) cis-1,2-Dichloroethene	4.660	96	141508	10.836	ug/l	97
23) Diethyl Ether	2.371	59	89690	8.685	ug/l	99
24) tert-Butyl Alcohol	3.206	59	28265	39.993	ug/l	# 89
25) Methyl tert-Butyl Ether	3.354	73	276451	10.470	ug/l	100
26) Bromochloromethane	4.965	128	59381	10.767	ug/l	97
27) Chloroform	5.081	83	236970	9.368	ug/l	100
28) 1,1,1-Trichloroethane	5.309	97	189445	9.498	ug/l	99
29) 1,1-Dichloropropene	5.522	75	161922	9.689	ug/l	99
30) Carbon Tetrachloride	5.518	117	158169	9.670	ug/l	97
31) Isopropyl Ether	3.981	45	379321	11.494	ug/l	# 1
33) Tert-Amyl methyl ether	5.769	73	9257	0.342	ug/l	# 1
34) Propionitrile	4.779	54	95586	99.356	ug/l	97
35) Benzene	5.769	78	525110	9.990	ug/l	99
36) 1,2-Dichloroethane	5.788	62	142077	9.114	ug/l	100
37) Trichloroethene	6.538	130	113941	9.077	ug/l	96
38) 1,2-Dichloropropane	6.785	63	135619	9.086	ug/l	100
39) Methacrylonitrile	4.965	41	37323	10.403	ug/l	98
40) Methyl acrylate	4.843	55	66319	10.554	ug/l	# 94
41) Tetrahydrofuran	5.052	42	95352	49.691	ug/l	99
42) 1-Chlorobutane	5.451	56	242900	10.516	ug/l	99
43) Dibromomethane	6.914	93	68314	10.108	ug/l	100
44) Bromodichloromethane	7.100	83	175988	10.050	ug/l	100
45) 4-Methyl-2-Pentanone	7.785	43	383707	52.961	ug/l	99

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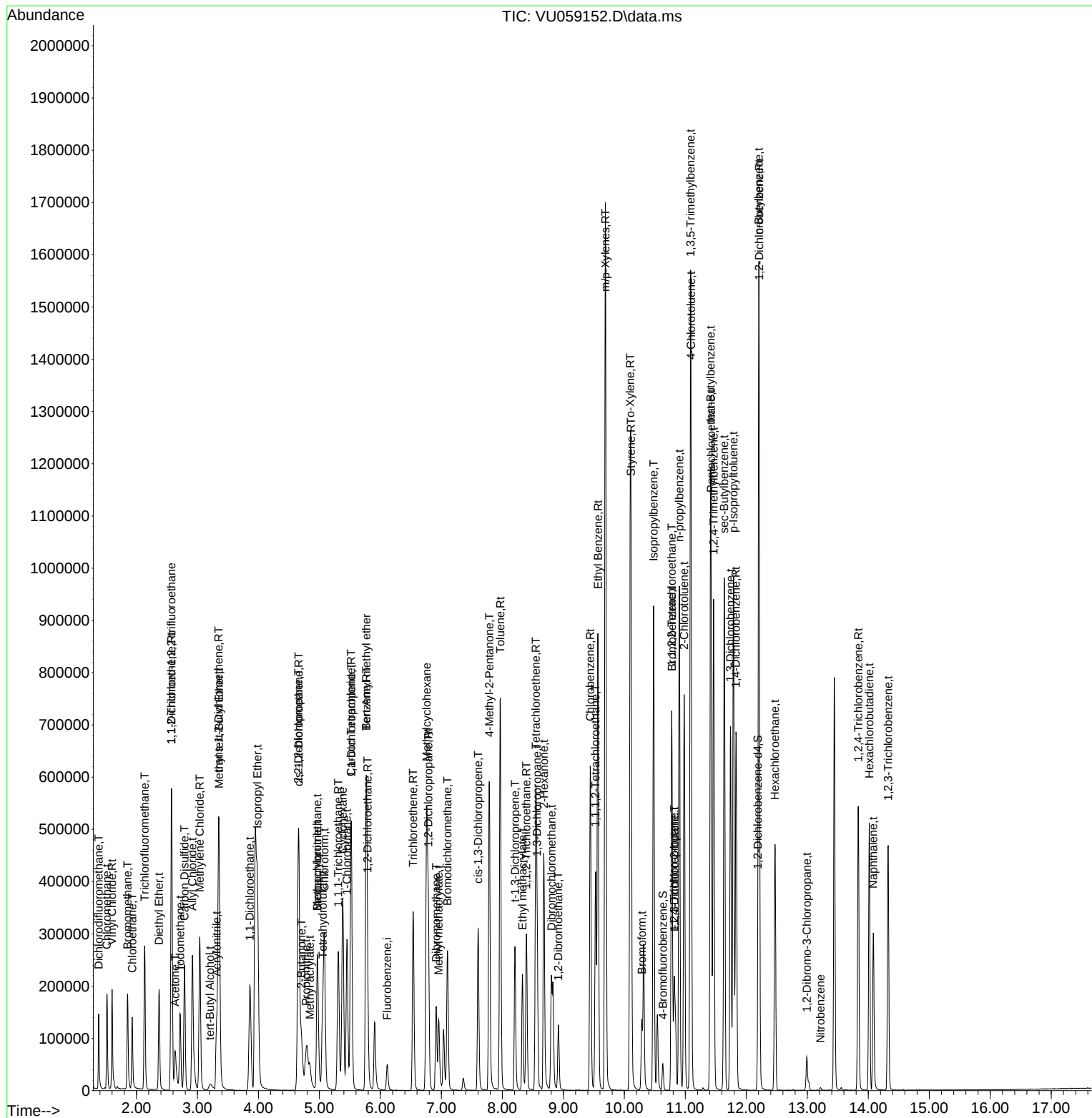
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) t-1,4-Dichloro-2-butene	10.817	75	114753	37.324	ug/l #	35
47) Methyl methacrylate	6.956	69	58273	10.041	ug/l	99
48) Ethyl methacrylate	8.328	69	119179	11.624	ug/l	98
49) Toluene	7.965	92	310748	10.735	ug/l	99
50) t-1,3-Dichloropropene	8.206	75	154810	10.332	ug/l	98
51) cis-1,3-Dichloropropene	7.602	75	184513	10.053	ug/l	98
52) 1,1,2-Trichloroethane	8.393	97	93958	9.409	ug/l	96
53) 1,3-Dichloropropane	8.570	76	163224	9.487	ug/l	99
54) 2-Hexanone	8.679	43	288392	43.026	ug/l	99
55) Dibromochloromethane	8.804	129	107736	9.968	ug/l	100
56) 1,2-Dibromoethane	8.917	107	83443	9.527	ug/l	100
58) Tetrachloroethene	8.547	164	113651	9.821	ug/l	98
59) Chlorobenzene	9.441	112	327373	10.336	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.528	131	106824	9.417	ug/l	99
61) Pentachloroethane	11.422	117	88518	10.059	ug/l	98
62) Hexachloroethane	12.470	117	91403	10.217	ug/l	99
63) Ethyl Benzene	9.566	91	603032	11.279	ug/l	100
64) m/p-Xylenes	9.689	106	460834	22.850	ug/l	99
65) o-Xylene	10.097	106	217280	10.925	ug/l	99
66) Styrene	10.110	104	381169	9.952	ug/l	99
67) Bromoform	10.287	173	58436	9.986	ug/l	98
69) Isopropylbenzene	10.480	105	583243	11.446	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.775	83	117798	9.383	ug/l	99
71) 1,2,3-Trichloropropane	10.817	75	114753	11.976	ug/l #	87
72) Bromobenzene	10.779	156	128966	10.558	ug/l	100
73) n-propylbenzene	10.901	120	156817	9.606	ug/l	100
74) 2-Chlorotoluene	10.981	126	135714	10.899	ug/l	98
75) 1,3,5-Trimethylbenzene	11.084	105	499078	9.565	ug/l	100
76) 4-Chlorotoluene	11.094	126	142182	10.923	ug/l	98
77) tert-Butylbenzene	11.415	119	463624	11.335	ug/l	99
78) 1,2,4-Trimethylbenzene	11.463	105	513388	9.590	ug/l	99
79) sec-Butylbenzene	11.637	105	660096	9.732	ug/l	100
80) Nitrobenzene	13.216	77	3456	12.207	ug/l #	84
81) p-Isopropyltoluene	11.788	119	531594	9.764	ug/l	100
82) 1,3-Dichlorobenzene	11.740	146	270566	10.453	ug/l	99
83) 1,4-Dichlorobenzene	11.830	146	268466	10.371	ug/l	99
84) n-Butylbenzene	12.203	91	526130	10.058	ug/l	100
85) 1,2-Dichlorobenzene	12.209	146	251222	10.283	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.991	75	16969	9.932	ug/l	100
87) 1,2,4-Trichlorobenzene	13.836	180	160233	12.252	ug/l	100
88) Hexachlorobutadiene	14.016	225	83984	10.288	ug/l	99
89) Naphthalene	14.081	128	240899	11.605	ug/l	99
90) 1,2,3-Trichlorobenzene	14.325	180	141453	11.896	ug/l	99

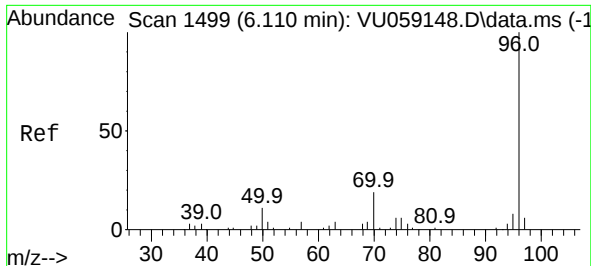
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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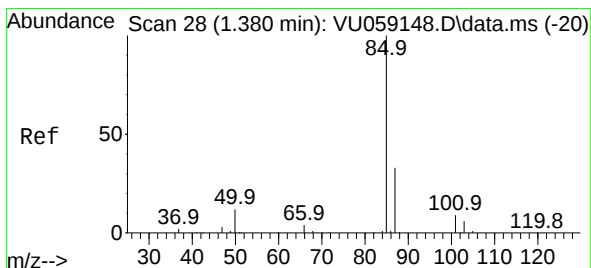
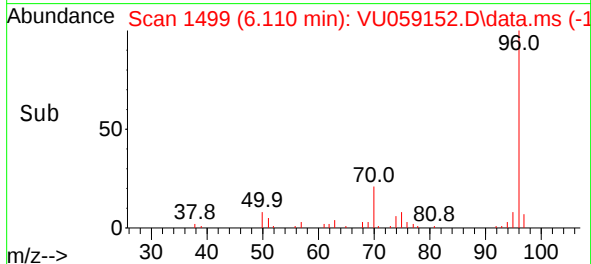
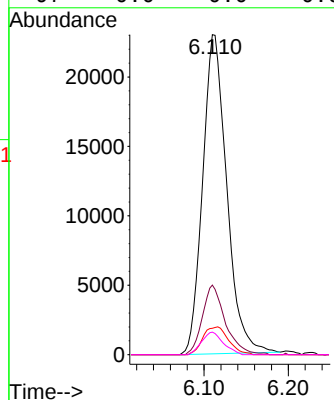
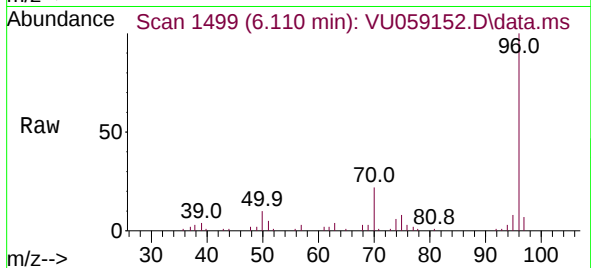




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 1499
Delta R.T. -0.000 min
Lab File: VU059152.D
Acq: 05 Jun 2024 15:13

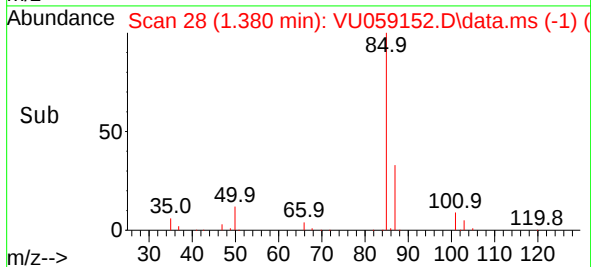
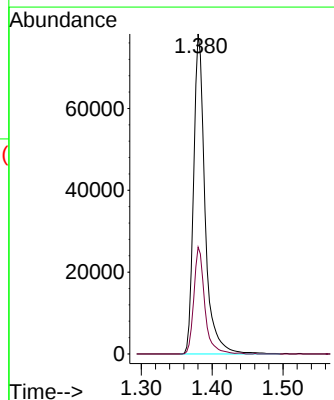
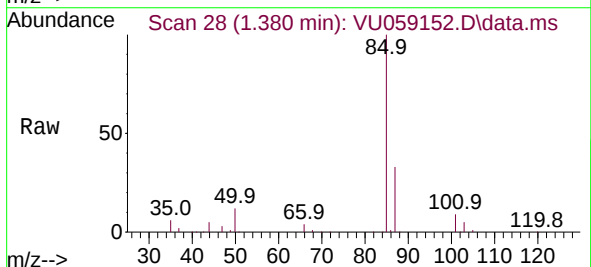
Instrument :
MSVOA_U
ClientSampleId :

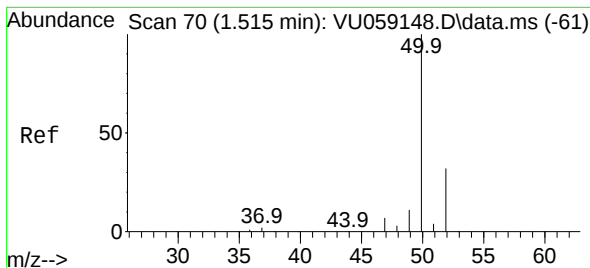
Tgt Ion: 96	Resp: 45722
Ion Ratio	Lower Upper
96 100	
70 20.7	16.6 24.8
95 9.3	7.1 10.7
97 0.0	0.0 0.0



#2
Dichlorodifluoromethane
Concen: 6.114 ug/l
RT: 1.380 min Scan# 28
Delta R.T. 0.000 min
Lab File: VU059152.D
Acq: 05 Jun 2024 15:13

Tgt Ion: 85	Resp: 87580
Ion Ratio	Lower Upper
85 100	
87 33.4	16.3 48.9





#3

Chloromethane

Concen: 7.761 ug/l

RT: 1.515 min Scan# 70

Delta R.T. 0.000 min

Lab File: VU059152.D

Acq: 05 Jun 2024 15:13

Instrument :

MSVOA_U

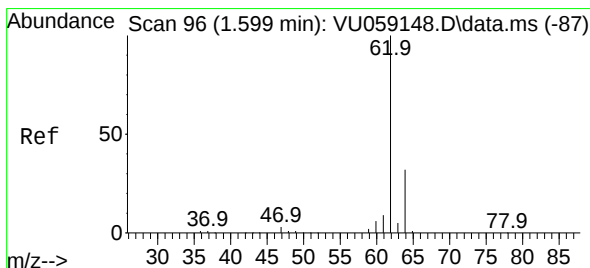
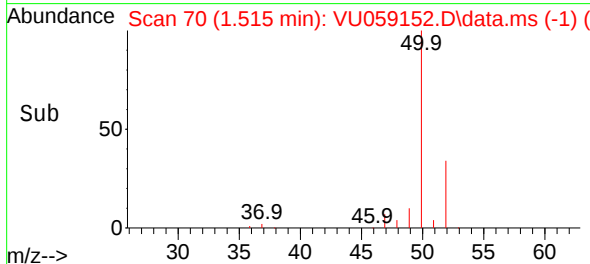
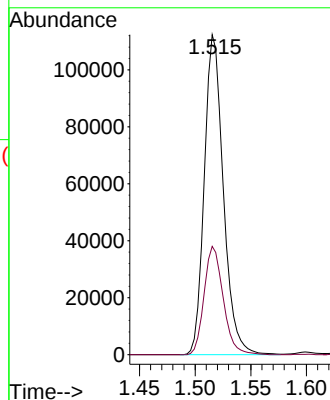
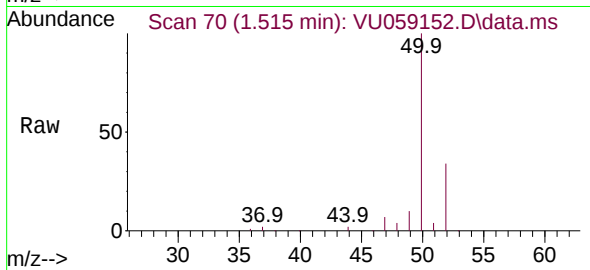
ClientSampleId :

Tgt Ion: 50 Resp: 133820

Ion Ratio Lower Upper

50 100

52 33.9 26.0 39.0



#4

Vinyl Chloride

Concen: 8.176 ug/l

RT: 1.599 min Scan# 96

Delta R.T. 0.000 min

Lab File: VU059152.D

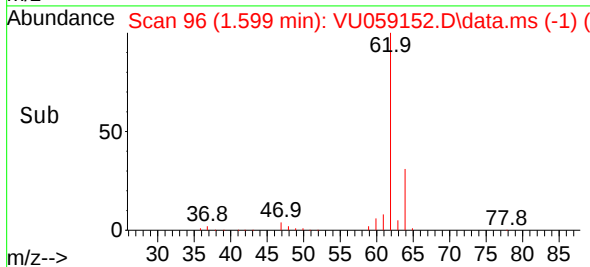
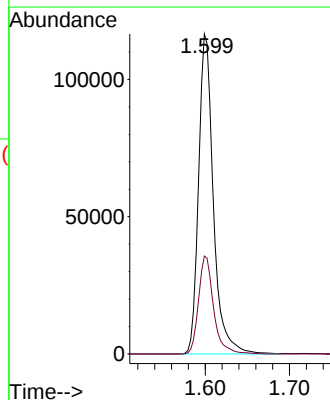
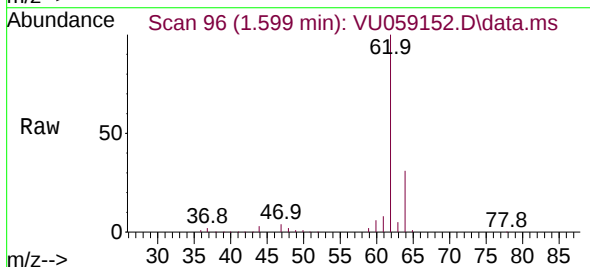
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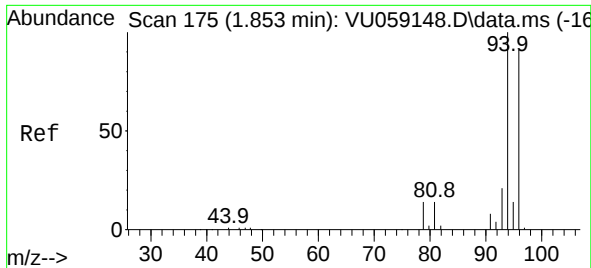
Tgt Ion: 62 Resp: 142484

Ion Ratio Lower Upper

62 100

64 30.6 25.2 37.8

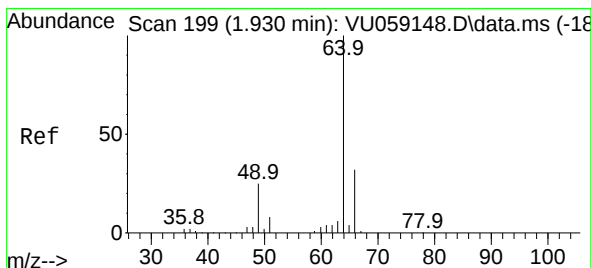
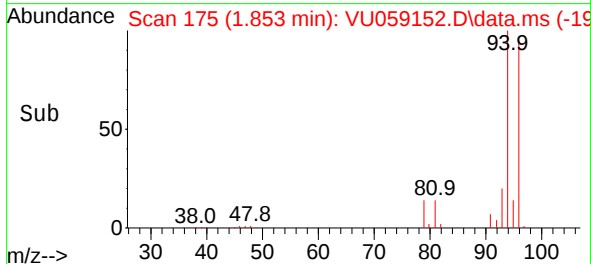
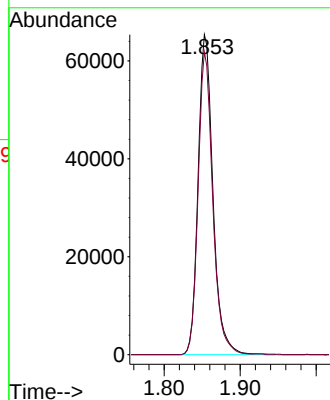
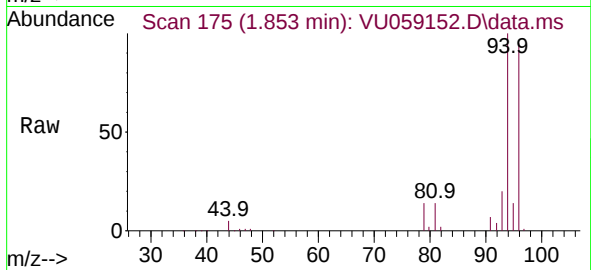




#5
Bromomethane
Concen: 8.387 ug/l
RT: 1.853 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU059152.D
Acq: 05 Jun 2024 15:13

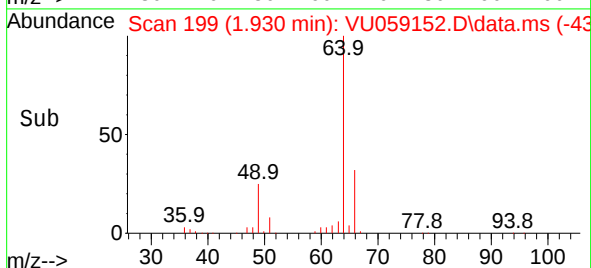
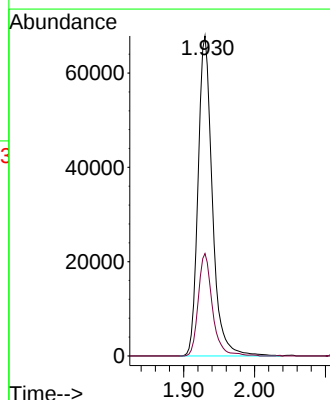
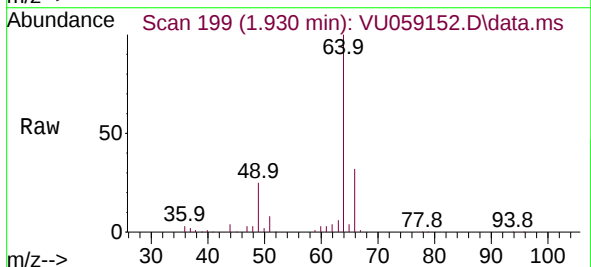
Instrument :
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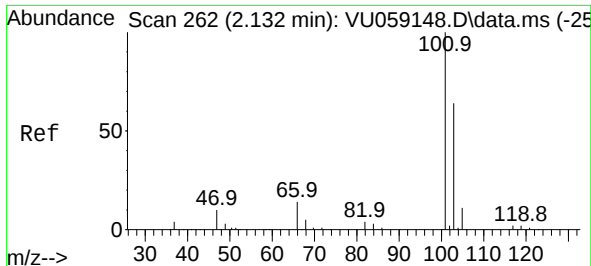
Tgt Ion: 94 Resp: 88811
Ion Ratio Lower Upper
94 100
96 94.6 72.7 109.1



#6
Chloroethane
Concen: 8.462 ug/l
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU059152.D
Acq: 05 Jun 2024 15:13

Tgt Ion: 64 Resp: 94865
Ion Ratio Lower Upper
64 100
66 32.0 25.5 38.3

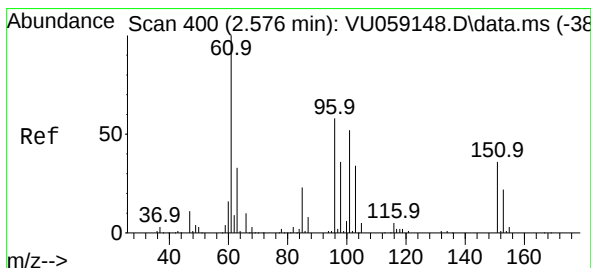
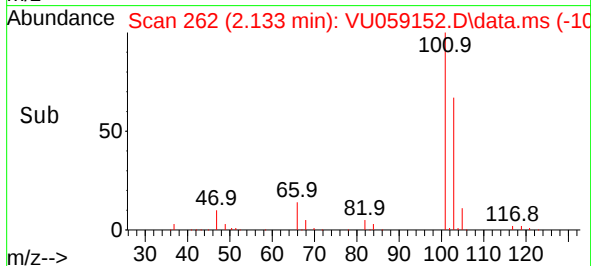
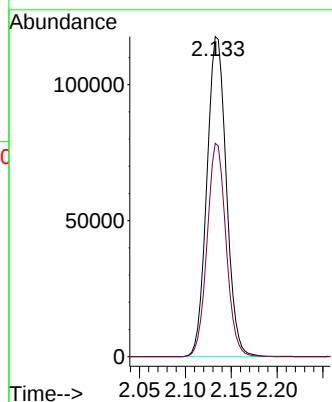
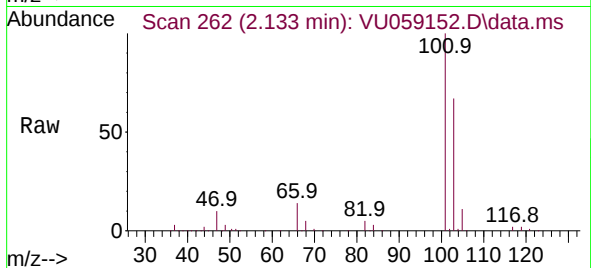




#7
Trichlorofluoromethane
Concen: 8.039 ug/l
RT: 2.133 min Scan# 20
Delta R.T. 0.000 min
Lab File: VU059152.D
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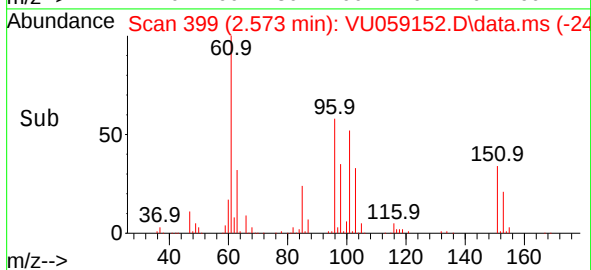
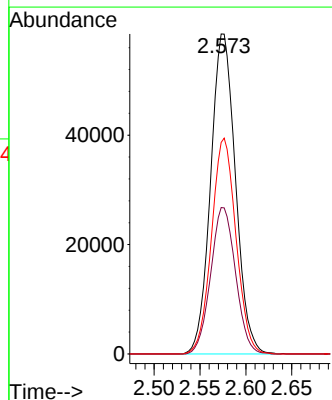
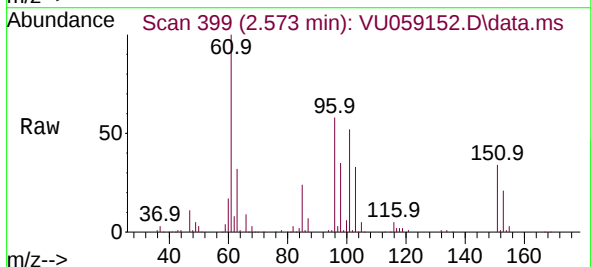
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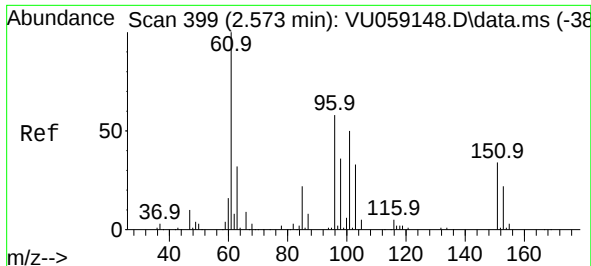
Tgt Ion:101 Resp: 173816
Ion Ratio Lower Upper
101 100
103 66.7 51.1 76.7



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 9.913 ug/l
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU059152.D
Acq: 05 Jun 2024 15:13

Tgt Ion:101 Resp: 110194
Ion Ratio Lower Upper
101 100
85 45.8 36.1 54.1
151 66.6 55.0 82.6

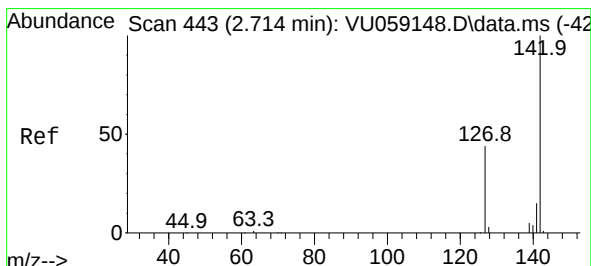
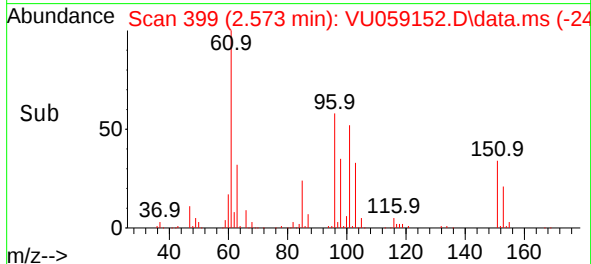
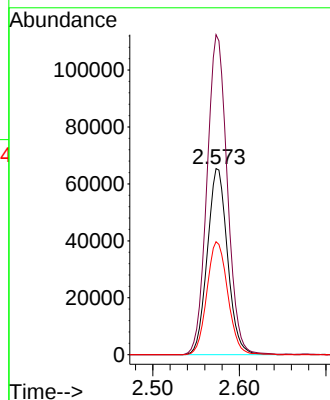
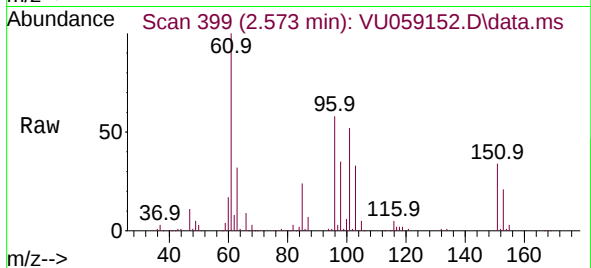




#9
1,1-Dichloroethene
Concen: 9.638 ug/l
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
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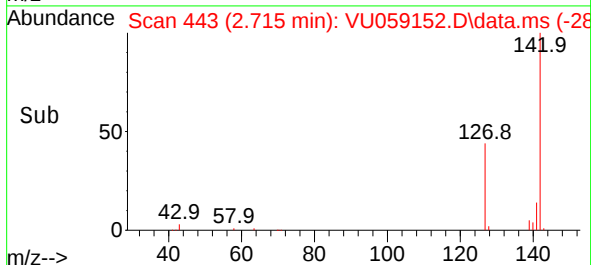
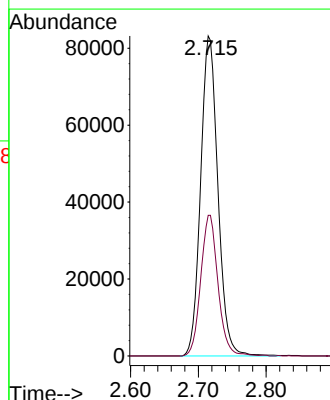
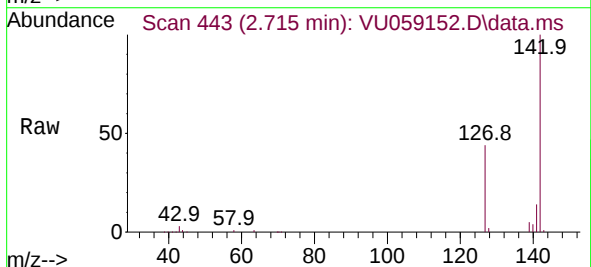
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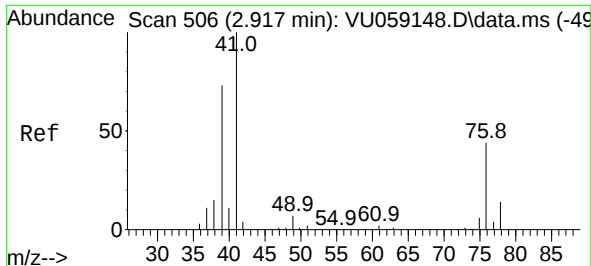
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Ion Ratio Lower Upper
96 100
61 172.0 0.0 515.4
98 60.7 0.0 124.4



#10
Iodomethane
Concen: 10.643 ug/l
RT: 2.715 min Scan# 443
Delta R.T. 0.000 min
Lab File: VU059152.D
Acq: 05 Jun 2024 15:13

Tgt Ion: 142 Resp: 147056
Ion Ratio Lower Upper
142 100
127 43.9 36.2 54.4





#11

Allyl Chloride

Concen: 10.722 ug/l

RT: 2.917 min Scan# 506

Delta R.T. 0.000 min

Lab File: VU059152.D

Acq: 05 Jun 2024 15:13

Instrument :

MSVOA_U

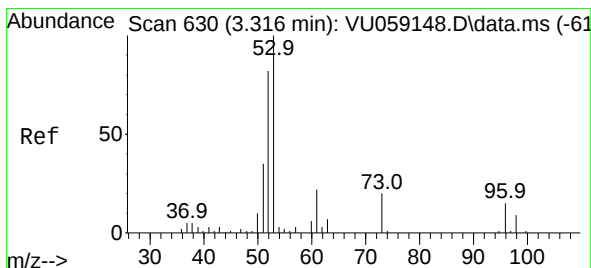
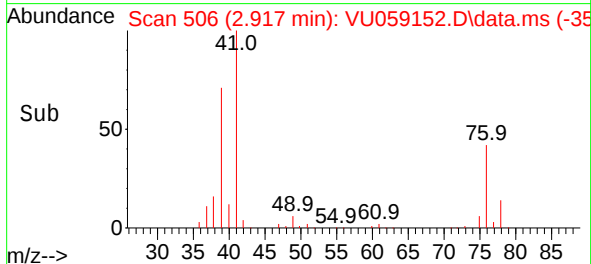
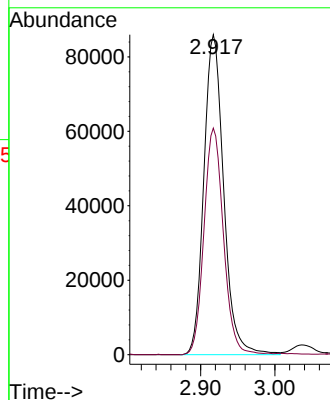
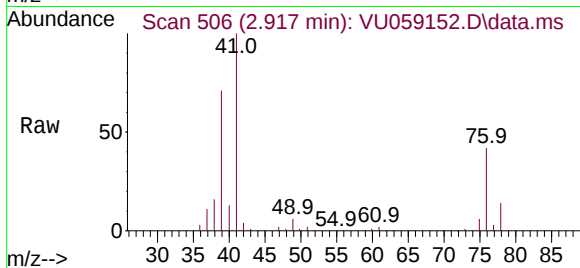
ClientSampleId :

Tgt Ion: 41 Resp: 159583

Ion Ratio Lower Upper

41 100

39 69.2 58.1 87.1



#12

Acrylonitrile

Concen: 50.615 ug/l

RT: 3.313 min Scan# 629

Delta R.T. -0.003 min

Lab File: VU059152.D

Acq: 05 Jun 2024 15:13

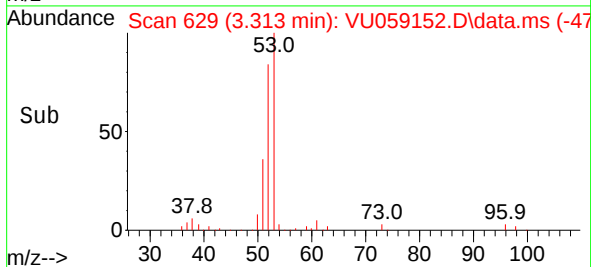
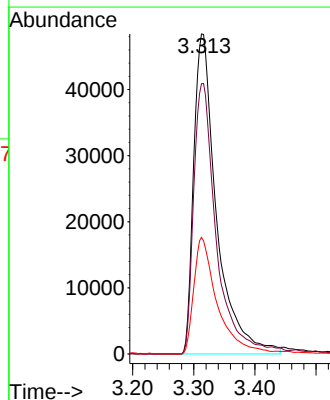
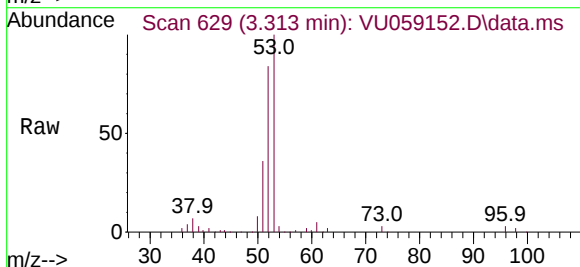
Tgt Ion: 53 Resp: 125934

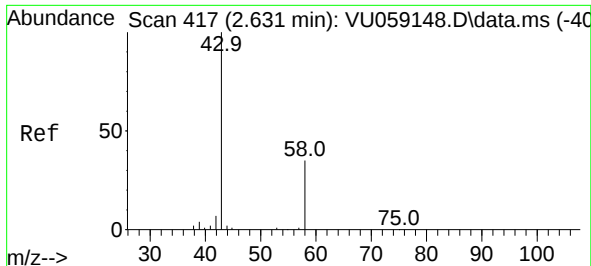
Ion Ratio Lower Upper

53 100

52 82.3 64.2 96.4

51 37.2 33.0 49.4





#13

Acetone

Concen: 32.129 ug/l

RT: 2.634 min Scan# 417

Delta R.T. 0.003 min

Lab File: VU059152.D

Acq: 05 Jun 2024 15:13

Instrument :

MSVOA_U

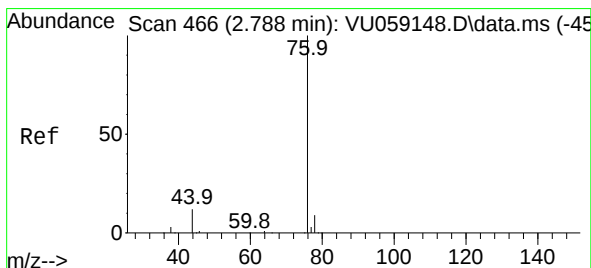
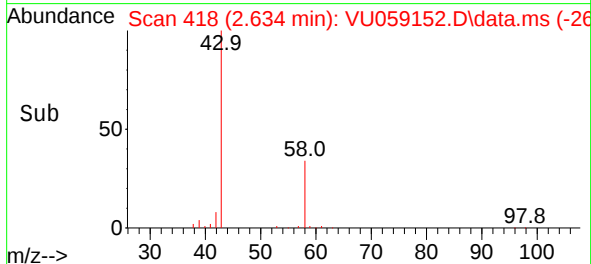
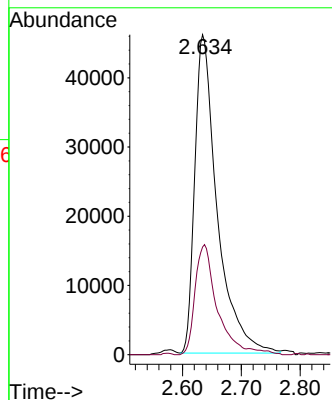
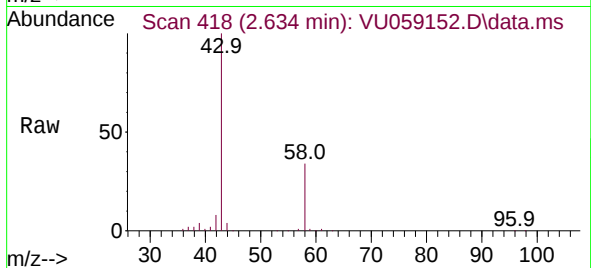
ClientSampleId :

Tgt Ion: 43 Resp: 121646

Ion Ratio Lower Upper

43 100

58 33.8 27.9 41.9



#14

Carbon Disulfide

Concen: 9.006 ug/l

RT: 2.789 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU059152.D

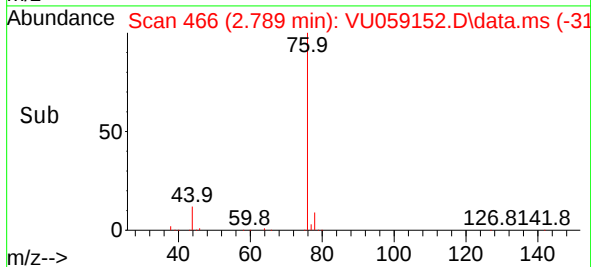
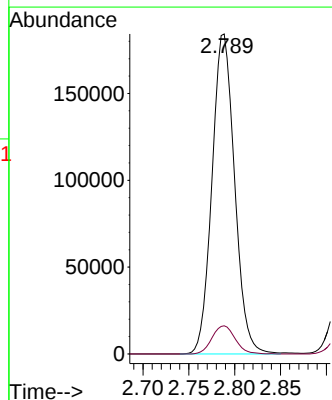
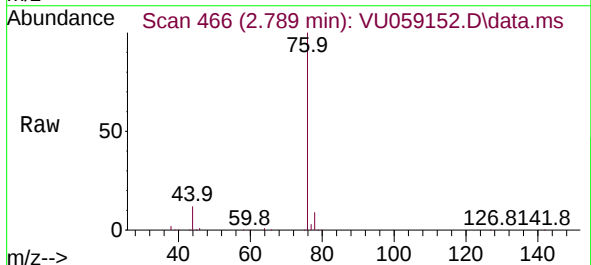
Acq: 05 Jun 2024 15:13

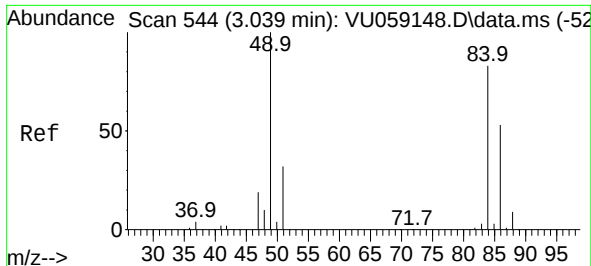
Tgt Ion: 76 Resp: 316100

Ion Ratio Lower Upper

76 100

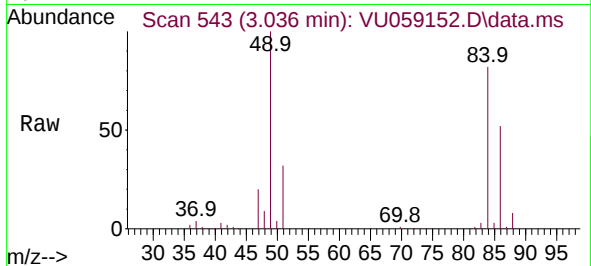
78 8.8 7.3 10.9



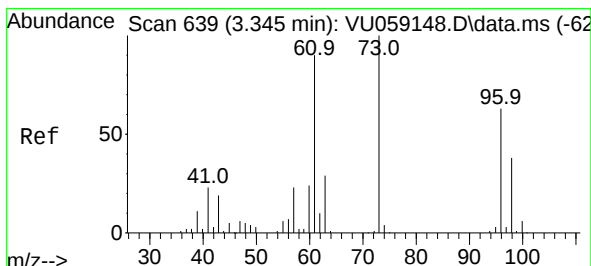
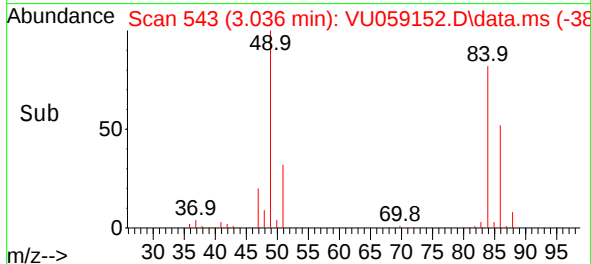
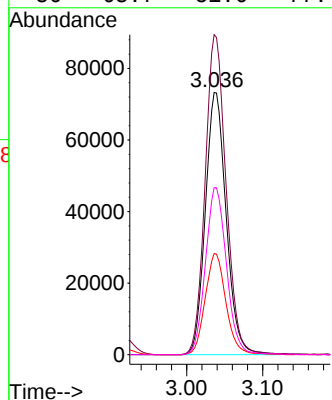


#15
Methylene Chloride
Concen: 9.267 ug/l
RT: 3.036 min Scan# 544
Delta R.T. -0.003 min
Lab File: VU059152.D
Acq: 05 Jun 2024 15:13

Instrument :
MSVOA_U
ClientSampleId :

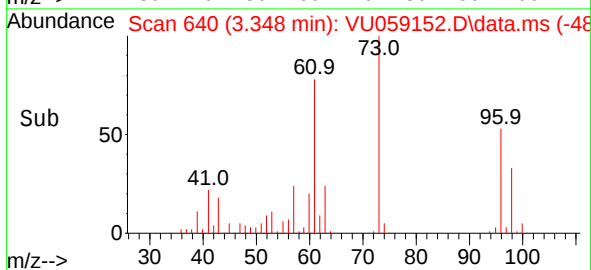
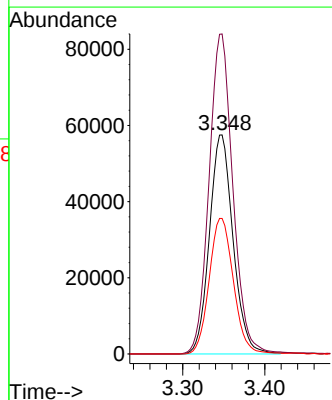
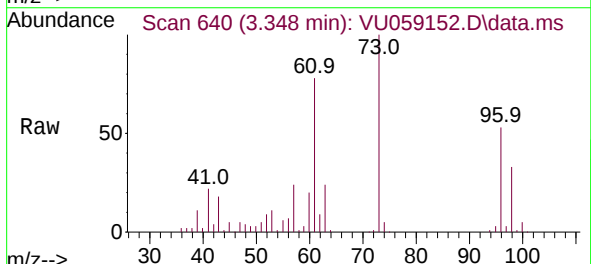


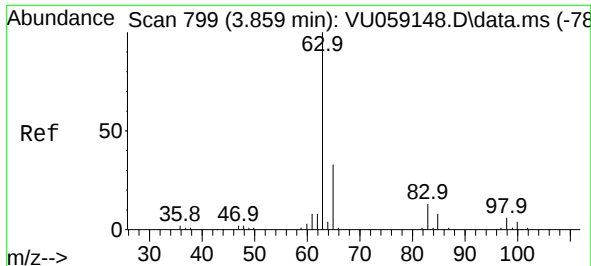
Tgt Ion: 84 Resp: 139907
Ion Ratio Lower Upper
84 100
49 122.0 96.7 145.1
51 38.6 0.0 76.8
86 63.7 51.6 77.4



#16
trans-1,2-Dichloroethene
Concen: 9.610 ug/l
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU059152.D
Acq: 05 Jun 2024 15:13

Tgt Ion: 96 Resp: 115472
Ion Ratio Lower Upper
96 100
61 146.1 114.8 172.2
98 61.9 48.8 73.2

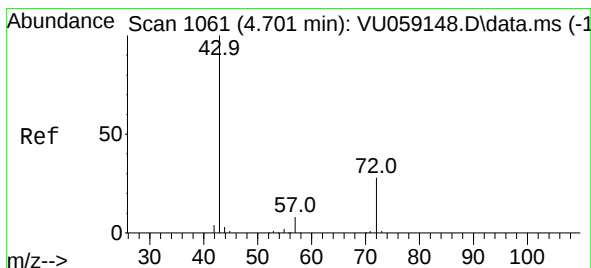
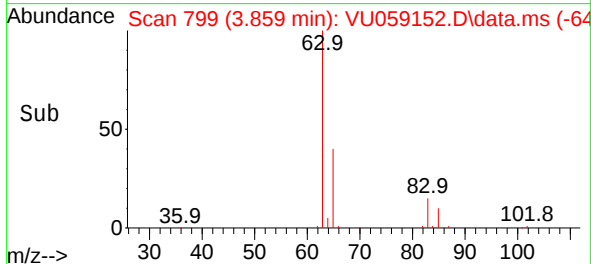
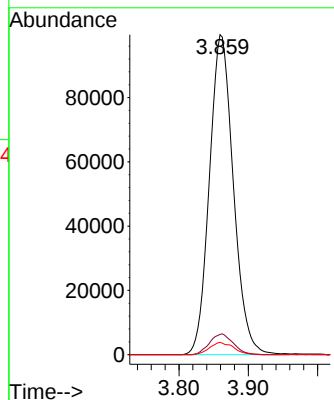
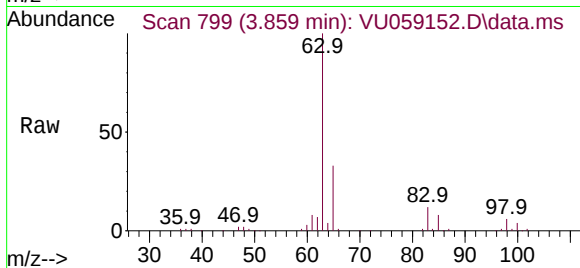




#17
1,1-Dichloroethane
Concen: 9.507 ug/l
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU059152.D
Acq: 05 Jun 2024 15:13

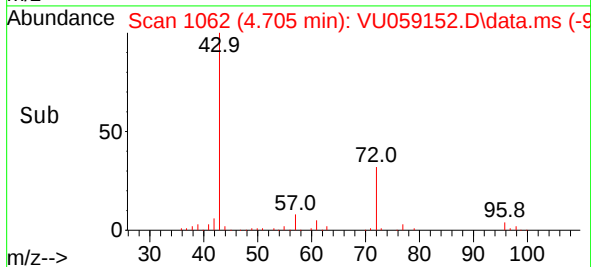
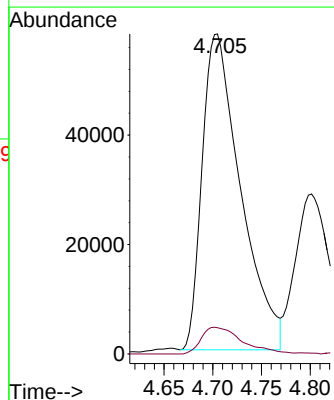
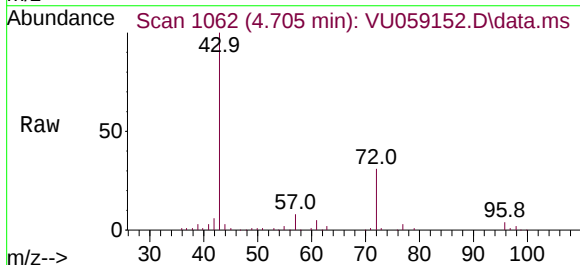
Instrument :
MSVOA_U
ClientSampleId :

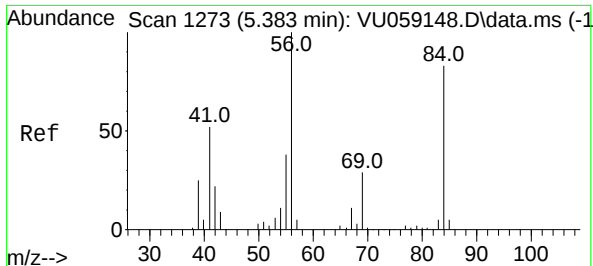
Tgt Ion: 63 Resp: 239223
Ion Ratio Lower Upper
63 100
98 6.3 3.2 9.6
100 3.9 2.1 6.5



#18
2-Butanone
Concen: 37.801 ug/l
RT: 4.705 min Scan# 1062
Delta R.T. 0.003 min
Lab File: VU059152.D
Acq: 05 Jun 2024 15:13

Tgt Ion: 43 Resp: 158750
Ion Ratio Lower Upper
43 100
57 8.3 0.0 16.8

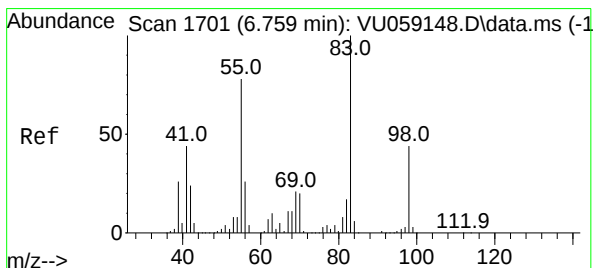
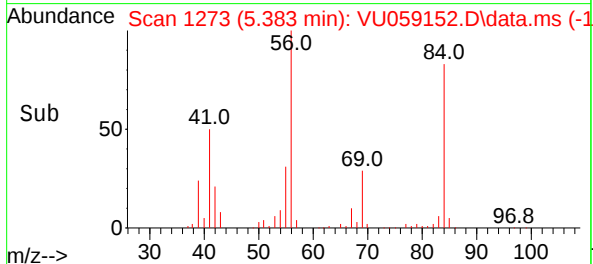
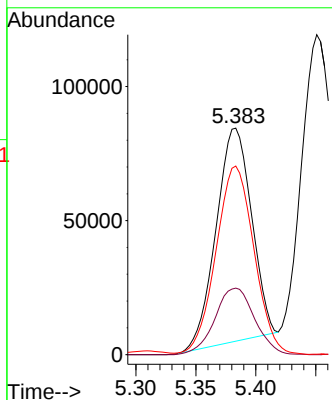
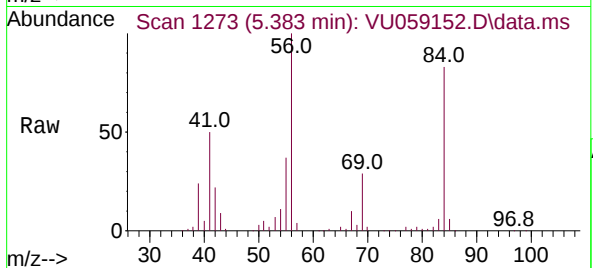




#19
Cyclohexane
Concen: 9.013 ug/l
RT: 5.383 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VU059152.D
Acq: 05 Jun 2024 15:13

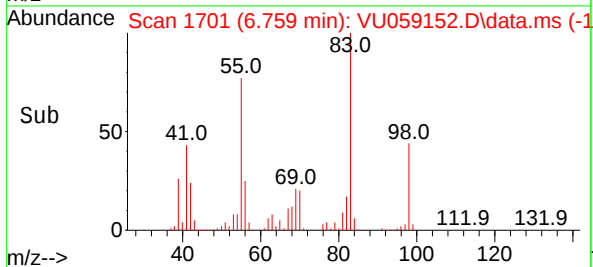
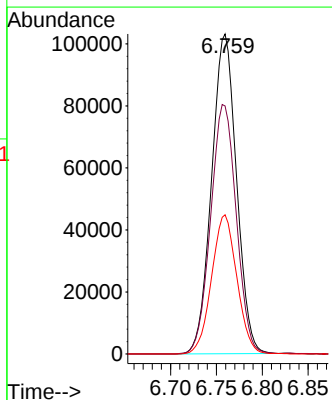
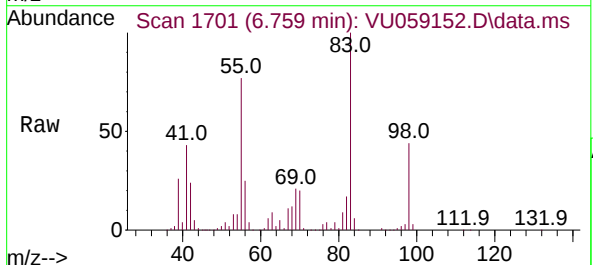
Instrument :
MSVOA_U
ClientSampleId :

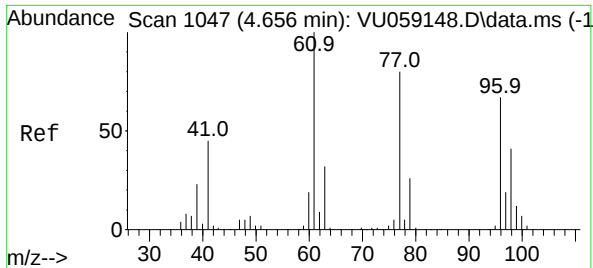
Tgt Ion:	56	Resp:	164148
Ion	Ratio	Lower	Upper
56	100		
69	35.0	23.5	35.3
84	93.7	66.5	99.7



#20
Methylcyclohexane
Concen: 10.650 ug/l
RT: 6.759 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VU059152.D
Acq: 05 Jun 2024 15:13

Tgt Ion:	83	Resp:	194905
Ion	Ratio	Lower	Upper
83	100		
55	80.1	62.7	94.1
98	44.2	35.1	52.7

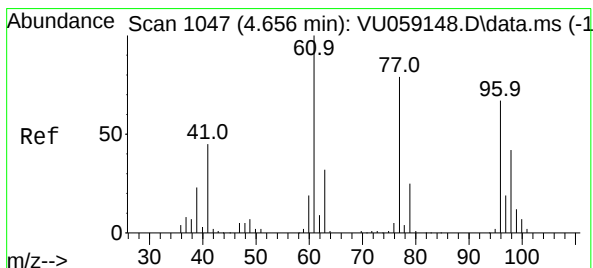
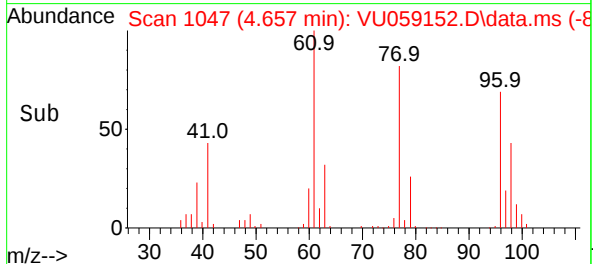
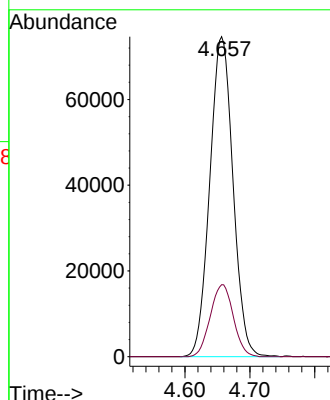
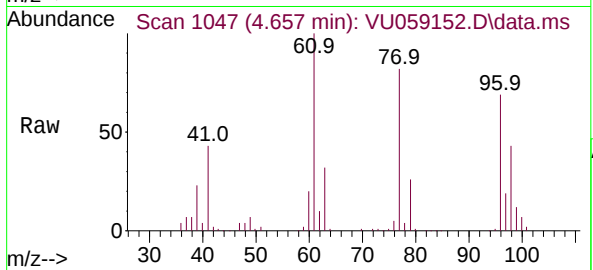




#21
2,2-Dichloropropane
Concen: 9.942 ug/l
RT: 4.657 min Scan# 1047
Delta R.T. 0.000 min
Lab File: VU059152.D
Acq: 05 Jun 2024 15:13

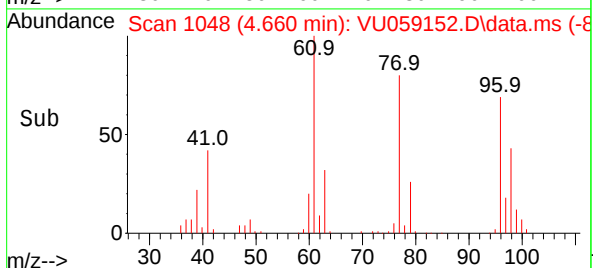
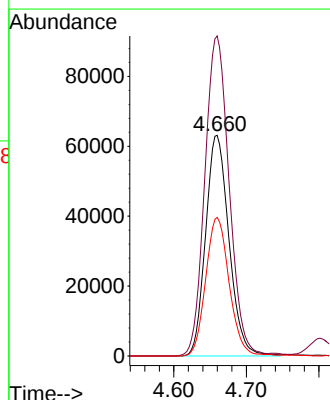
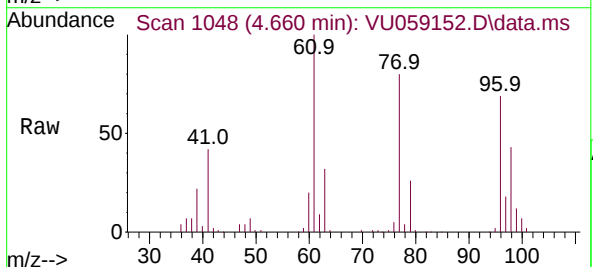
Instrument :
MSVOA_U
ClientSampleId :

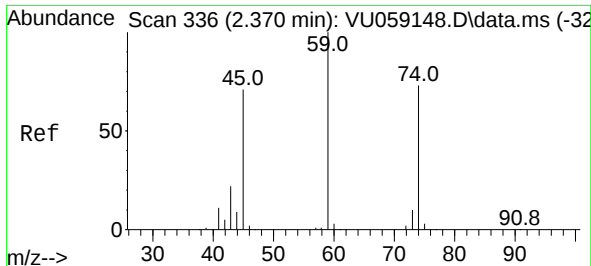
Tgt Ion: 77 Resp: 185041
Ion Ratio Lower Upper
77 100
97 22.4 18.1 27.1



#22
cis-1,2-Dichloroethene
Concen: 10.836 ug/l
RT: 4.660 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU059152.D
Acq: 05 Jun 2024 15:13

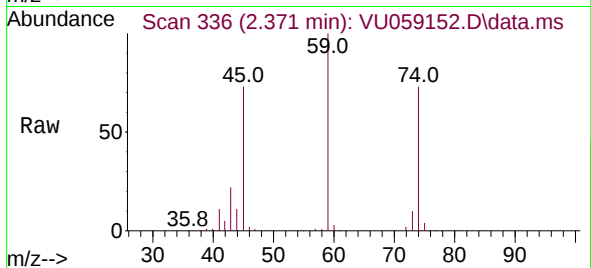
Tgt Ion: 96 Resp: 141508
Ion Ratio Lower Upper
96 100
61 150.6 0.0 388.5
98 63.1 31.8 95.3



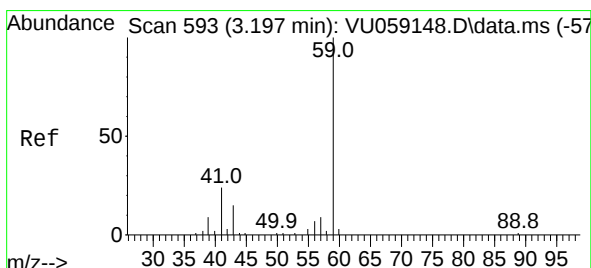
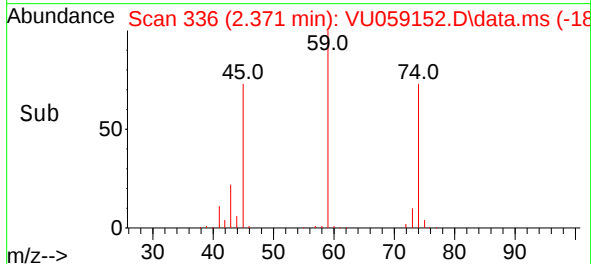
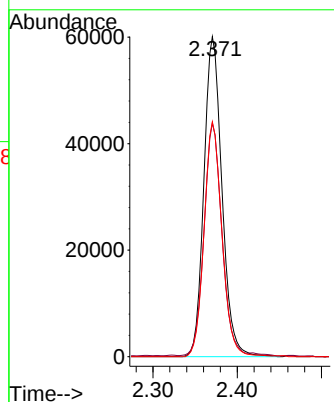


#23
Diethyl Ether
Concen: 8.685 ug/l
RT: 2.371 min Scan# 336
Delta R.T. 0.000 min
Lab File: VU059152.D
Acq: 05 Jun 2024 15:13

Instrument :
MSVOA_U
ClientSampleId :

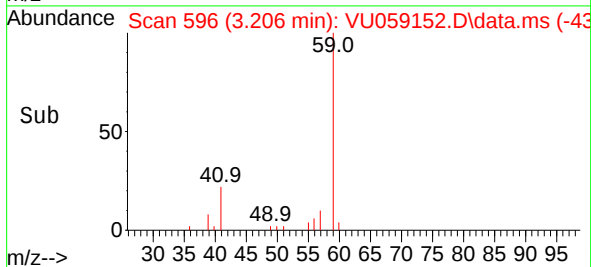
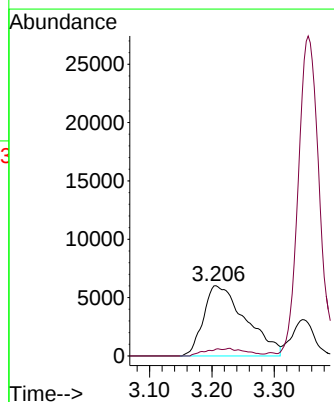
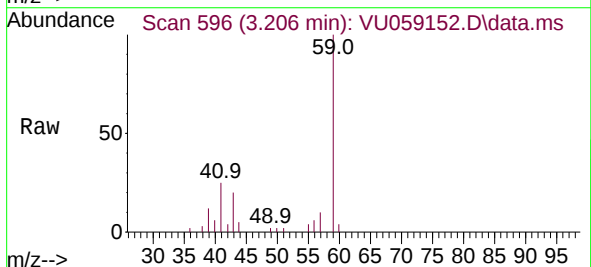


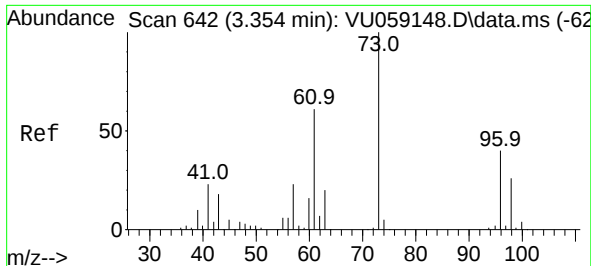
Tgt Ion: 59 Resp: 89690
Ion Ratio Lower Upper
59 100
45 71.6 58.8 88.2
74 72.8 58.0 87.0



#24
tert-Butyl Alcohol
Concen: 39.993 ug/l
RT: 3.206 min Scan# 596
Delta R.T. 0.010 min
Lab File: VU059152.D
Acq: 05 Jun 2024 15:13

Tgt Ion: 59 Resp: 28265
Ion Ratio Lower Upper
59 100
57 0.0 2.9 4.3#





#25

Methyl tert-Butyl Ether

Concen: 10.470 ug/l

RT: 3.354 min Scan# 642

Delta R.T. 0.000 min

Lab File: VU059152.D

Acq: 05 Jun 2024 15:13

Instrument :

MSVOA_U

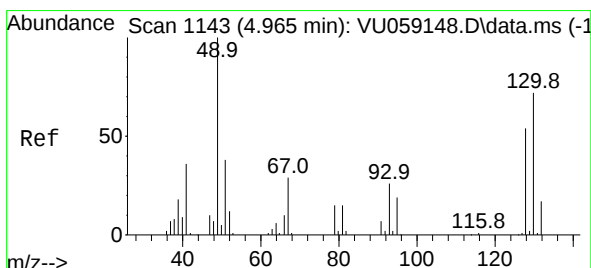
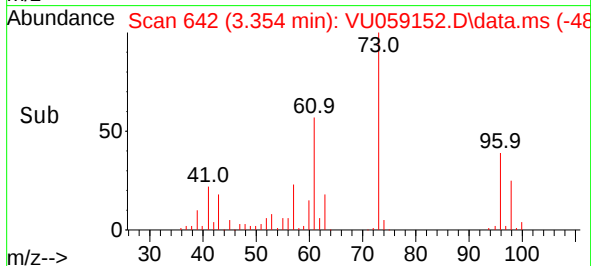
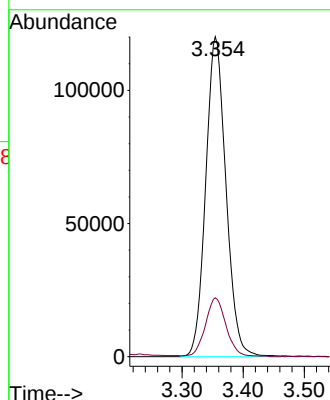
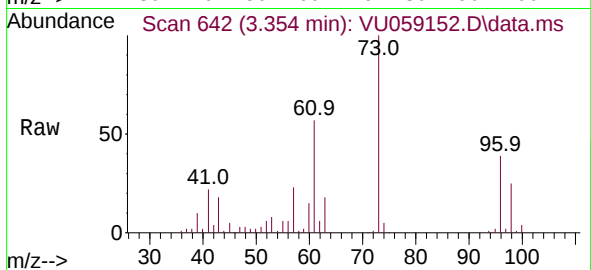
ClientSampleId :

Tgt Ion: 73 Resp: 276451

Ion Ratio Lower Upper

73 100

43 19.0 15.0 22.6



#26

Bromochloromethane

Concen: 10.767 ug/l

RT: 4.965 min Scan# 1143

Delta R.T. 0.000 min

Lab File: VU059152.D

Acq: 05 Jun 2024 15:13

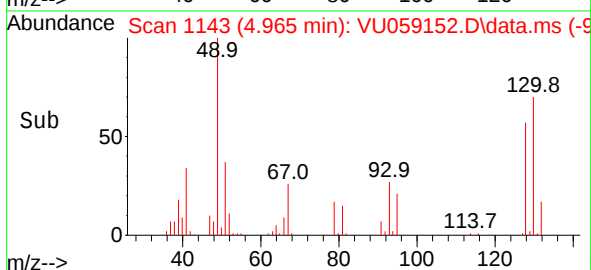
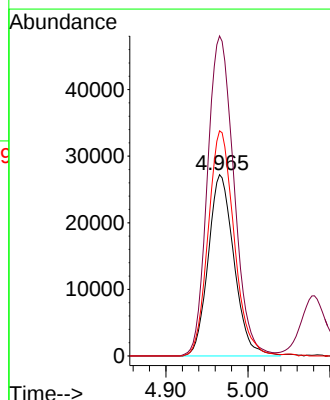
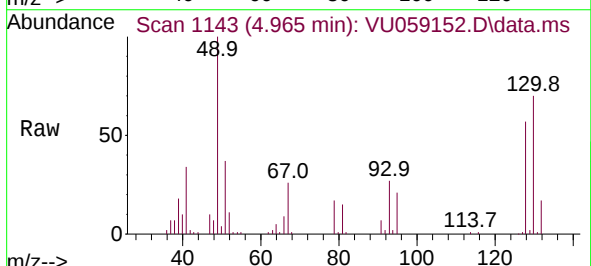
Tgt Ion: 128 Resp: 59381

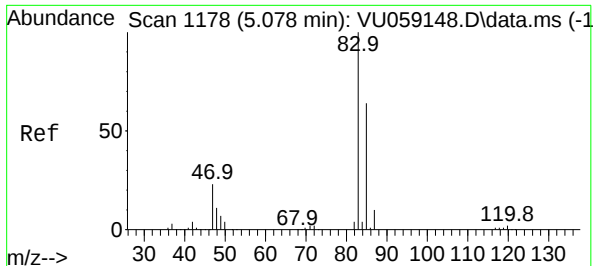
Ion Ratio Lower Upper

128 100

49 181.8 0.0 371.2

130 125.3 104.1 156.1





#27

Chloroform

Concen: 9.368 ug/l

RT: 5.081 min Scan# 1178

Delta R.T. 0.003 min

Lab File: VU059152.D

Acq: 05 Jun 2024 15:13

Instrument :

MSVOA_U

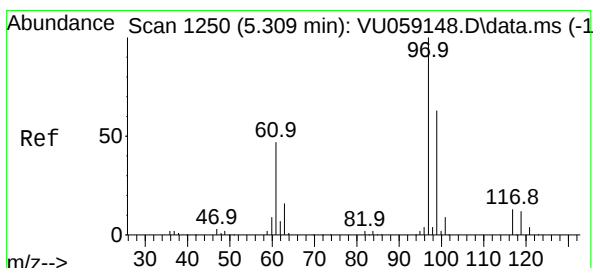
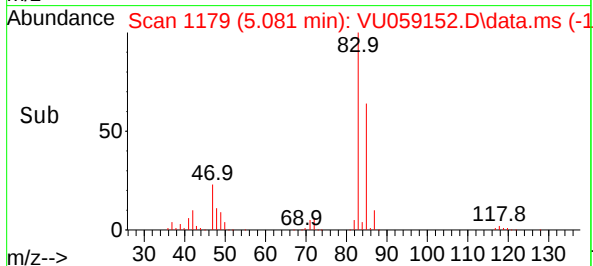
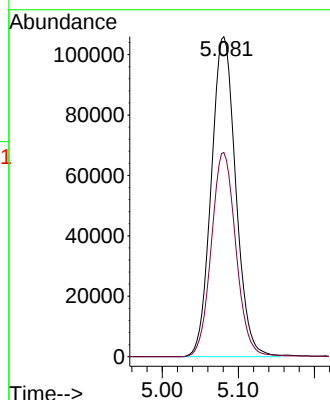
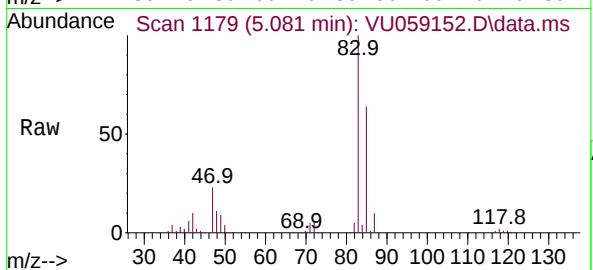
ClientSampleId :

Tgt Ion: 83 Resp: 236970

Ion Ratio Lower Upper

83 100

85 63.8 0.0 127.2



#28

1,1,1-Trichloroethane

Concen: 9.498 ug/l

RT: 5.309 min Scan# 1250

Delta R.T. 0.000 min

Lab File: VU059152.D

Acq: 05 Jun 2024 15:13

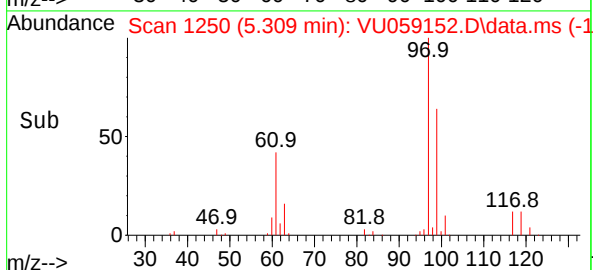
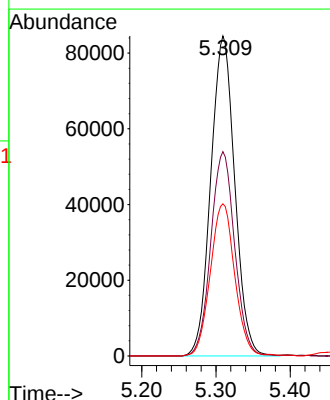
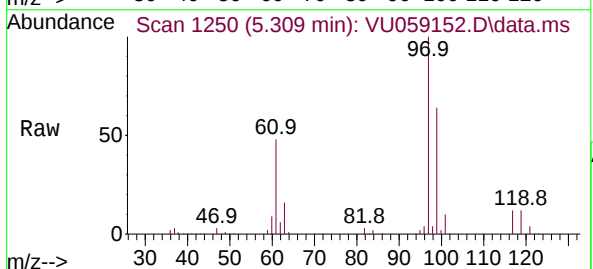
Tgt Ion: 97 Resp: 189445

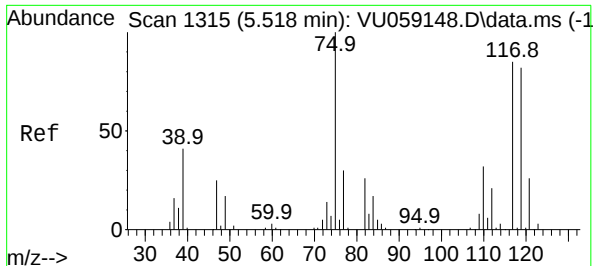
Ion Ratio Lower Upper

97 100

99 63.7 32.0 96.0

61 48.7 23.9 71.7

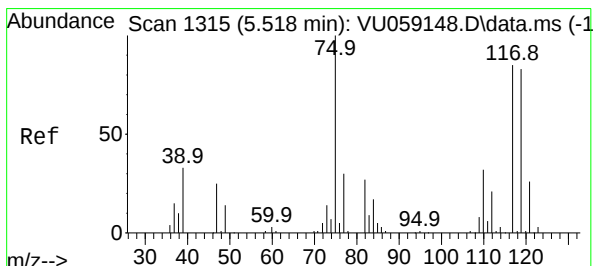
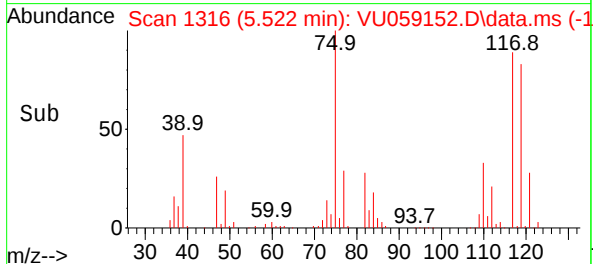
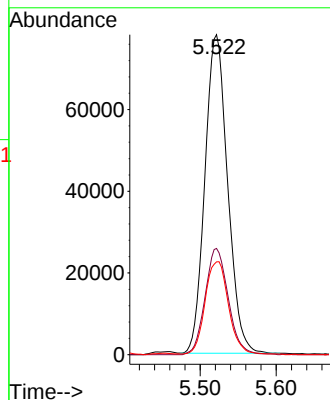
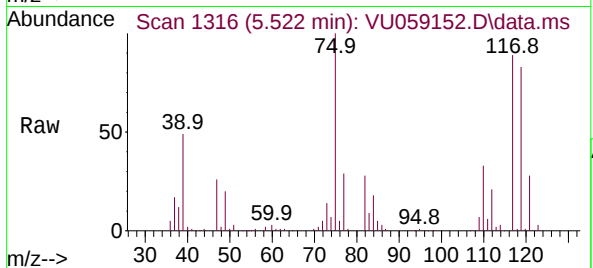




#29
1,1-Dichloropropene
Concen: 9.689 ug/l
RT: 5.522 min Scan# 1316
Delta R.T. 0.003 min
Lab File: VU059152.D
Acq: 05 Jun 2024 15:13

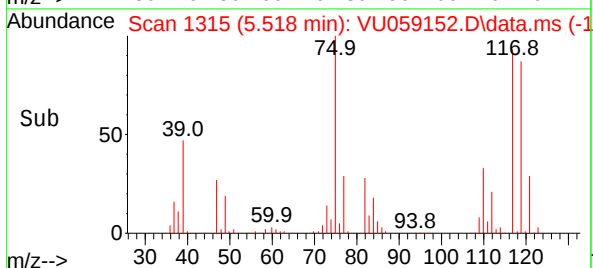
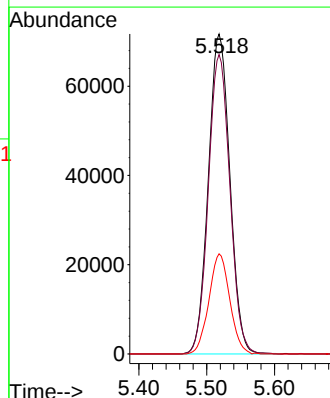
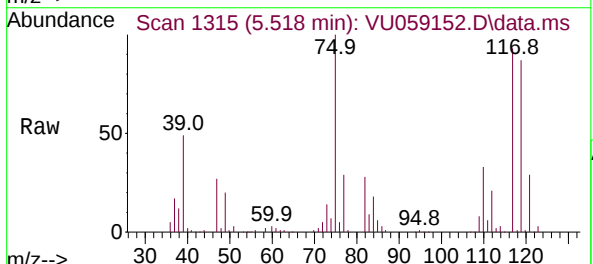
Instrument :
MSVOA_U
ClientSampleId :

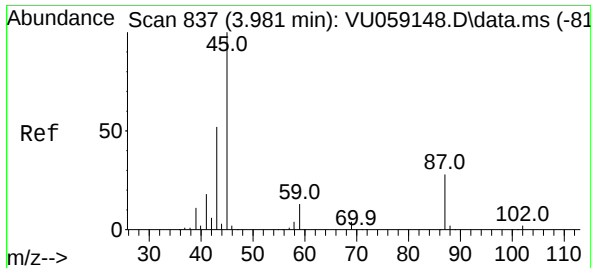
Tgt Ion: 75 Resp: 161922
Ion Ratio Lower Upper
75 100
110 33.9 17.0 50.9
77 29.5 24.6 36.8



#30
Carbon Tetrachloride
Concen: 9.670 ug/l
RT: 5.518 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VU059152.D
Acq: 05 Jun 2024 15:13

Tgt Ion: 117 Resp: 158169
Ion Ratio Lower Upper
117 100
119 93.6 77.5 116.3
121 31.3 24.6 37.0

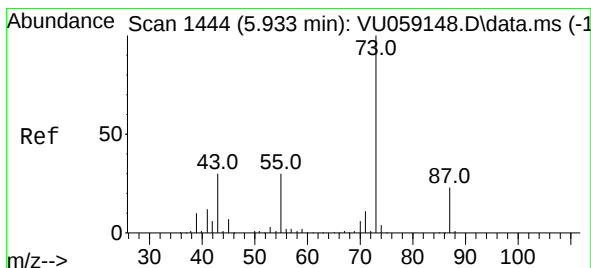
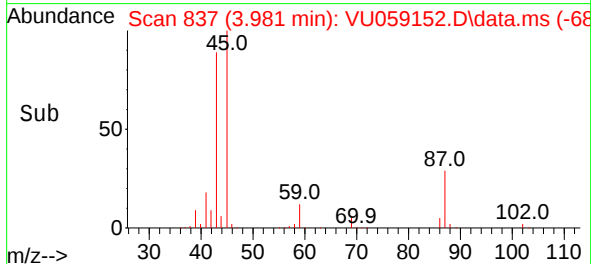
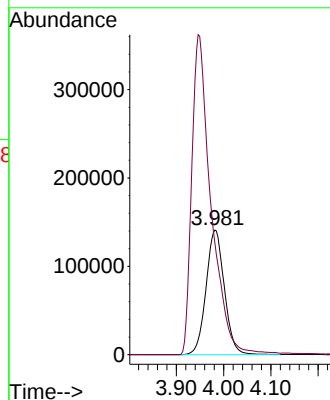
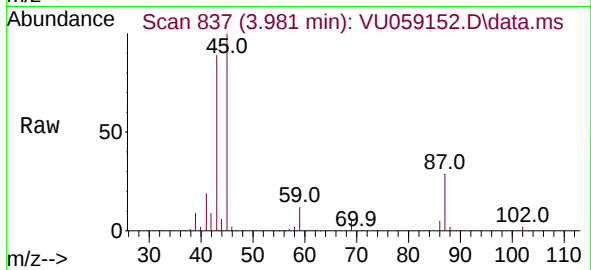




#31
Isopropyl Ether
Concen: 11.494 ug/l
RT: 3.981 min Scan# 837
Delta R.T. 0.000 min
Lab File: VU059152.D
Acq: 05 Jun 2024 15:13

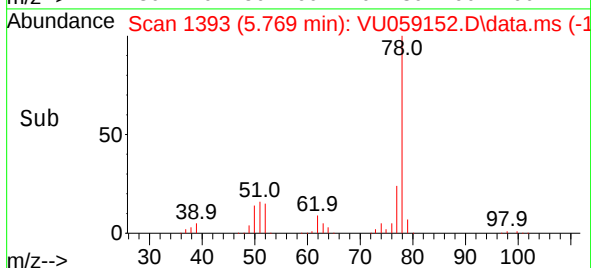
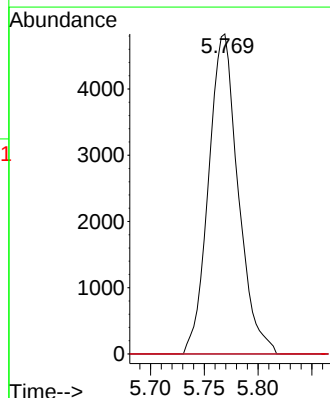
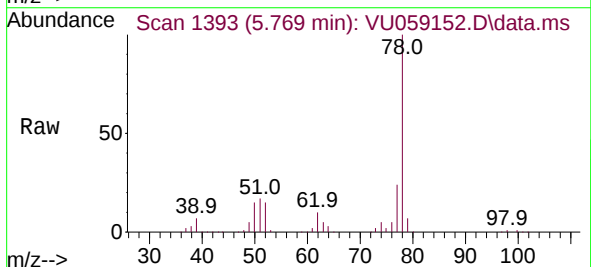
Instrument :
MSVOA_U
ClientSampleId :

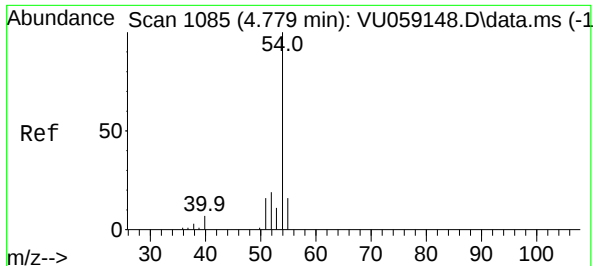
Tgt Ion: 45 Resp: 379321
Ion Ratio Lower Upper
45 100
43 270.9 26.1 78.3#



#33
Tert-Amyl methyl ether
Concen: 0.342 ug/l
RT: 5.769 min Scan# 1393
Delta R.T. -0.164 min
Lab File: VU059152.D
Acq: 05 Jun 2024 15:13

Tgt Ion: 73 Resp: 9257
Ion Ratio Lower Upper
73 100
87 205.1 18.6 27.8#
71 0.0 9.1 13.7#

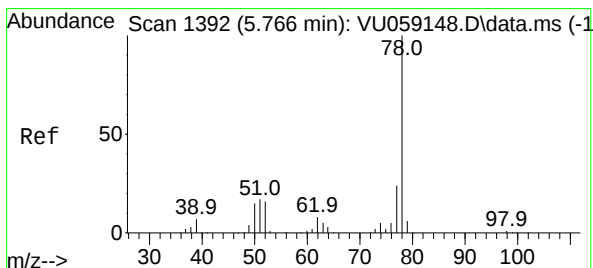
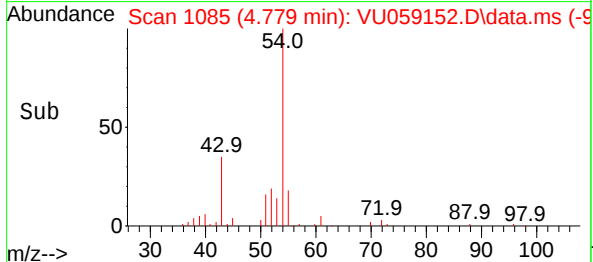
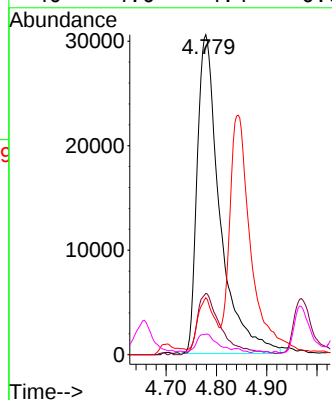
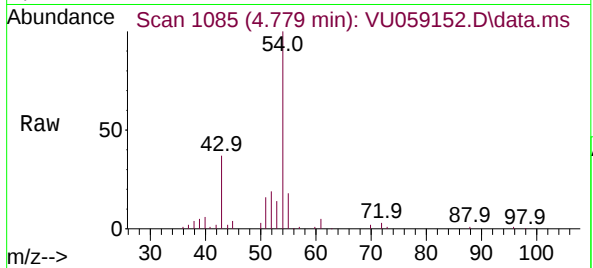




#34
 Propionitrile
 Concen: 99.356 ug/l
 RT: 4.779 min Scan# 1085
 Delta R.T. 0.000 min
 Lab File: VU059152.D
 Acq: 05 Jun 2024 15:13

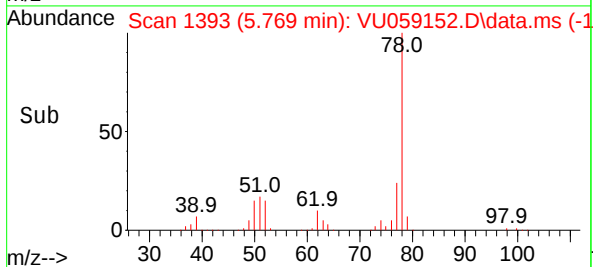
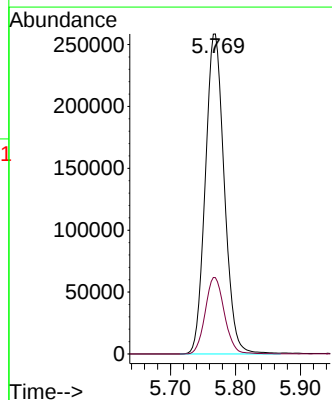
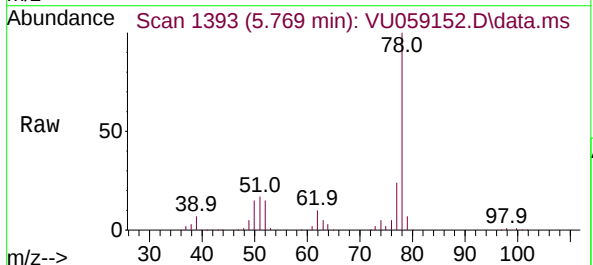
Instrument :
 MSVOA_U
 ClientSampleId :

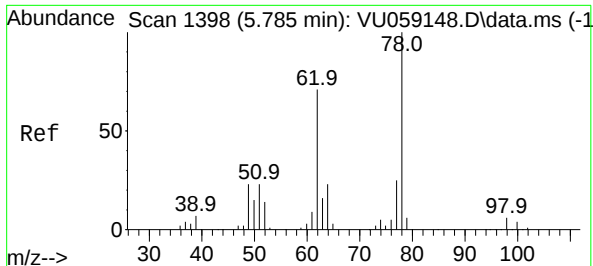
Tgt Ion: 54	Resp: 95586
Ion Ratio	Lower Upper
54 100	
52 20.0	15.2 22.8
55 13.4	12.4 18.6
40 4.6	4.4 6.6



#35
 Benzene
 Concen: 9.990 ug/l
 RT: 5.769 min Scan# 1393
 Delta R.T. 0.003 min
 Lab File: VU059152.D
 Acq: 05 Jun 2024 15:13

Tgt Ion: 78	Resp: 525110
Ion Ratio	Lower Upper
78 100	
77 23.8	19.4 29.2

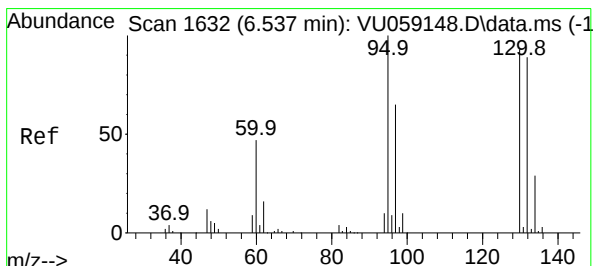
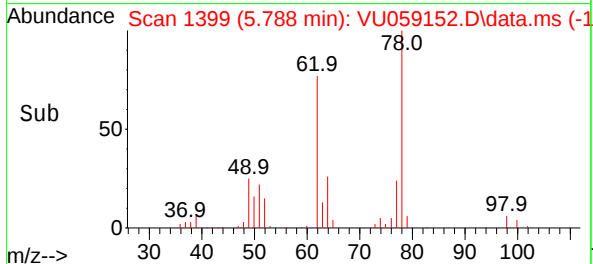
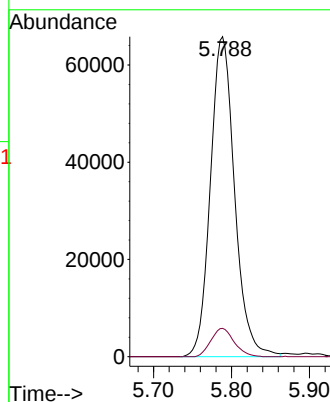
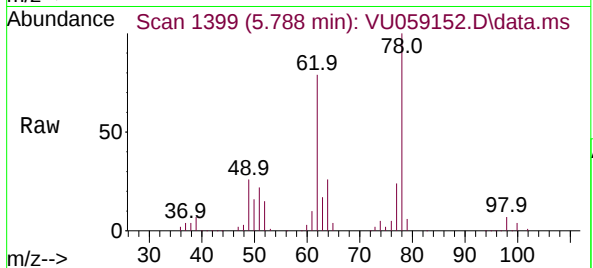




#36
1,2-Dichloroethane
Concen: 9.114 ug/l
RT: 5.788 min Scan# 1399
Delta R.T. 0.003 min
Lab File: VU059152.D
Acq: 05 Jun 2024 15:13

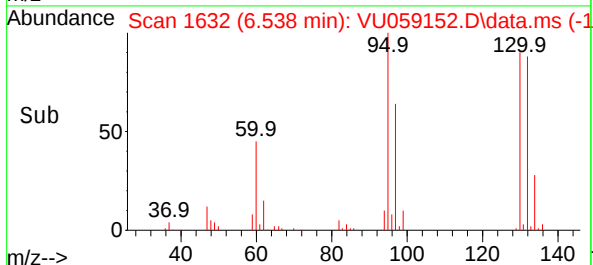
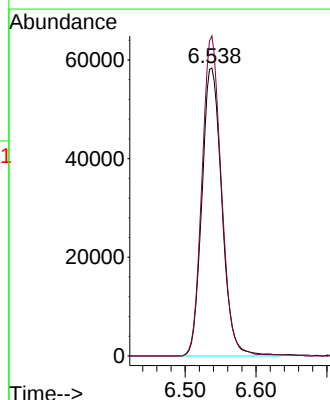
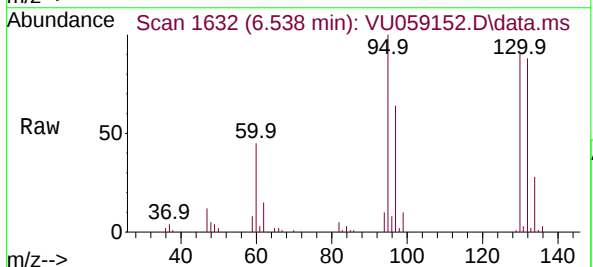
Instrument :
MSVOA_U
ClientSampleId :

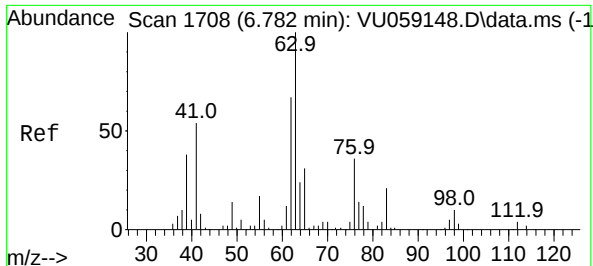
Tgt Ion: 62 Resp: 142077
Ion Ratio Lower Upper
62 100
98 8.5 6.7 10.1



#37
Trichloroethene
Concen: 9.077 ug/l
RT: 6.538 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VU059152.D
Acq: 05 Jun 2024 15:13

Tgt Ion:130 Resp: 113941
Ion Ratio Lower Upper
130 100
95 111.1 85.6 128.4

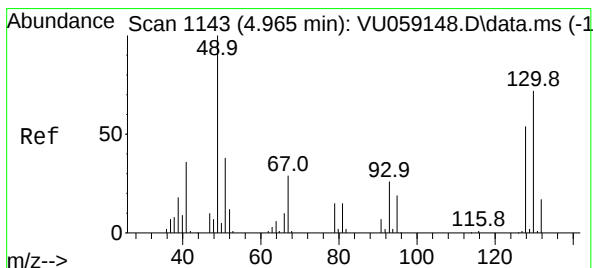
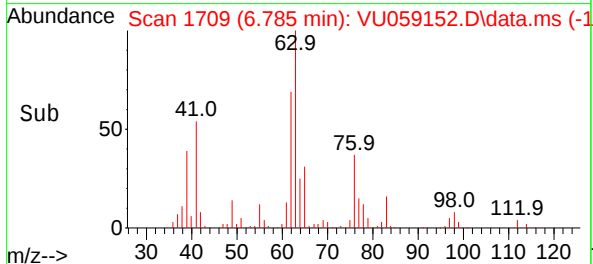
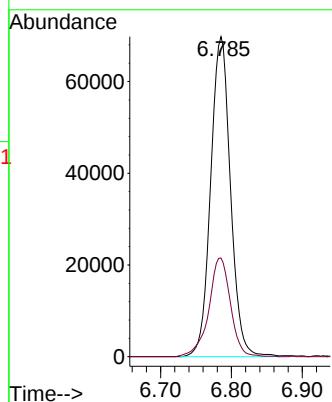
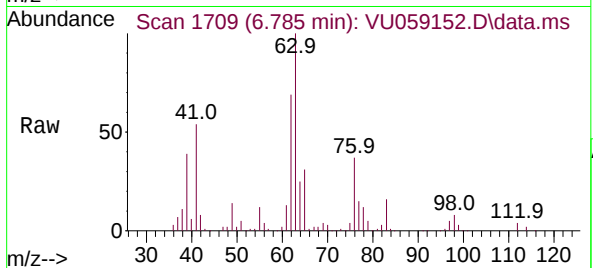




#38
1,2-Dichloropropane
Concen: 9.086 ug/l
RT: 6.785 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU059152.D
Acq: 05 Jun 2024 15:13

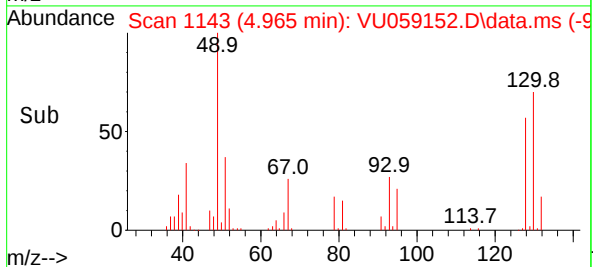
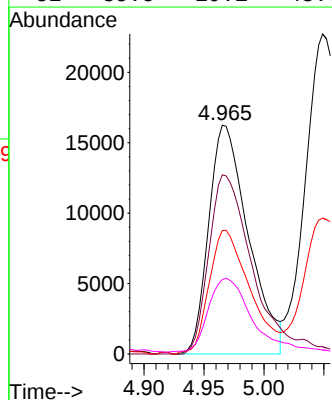
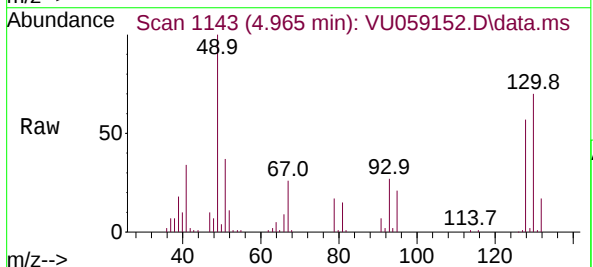
Instrument :
MSVOA_U
ClientSampleId :

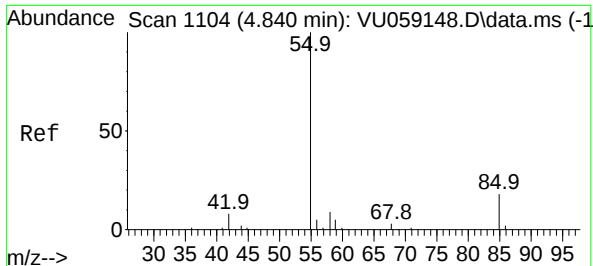
Tgt Ion: 63 Resp: 135619
Ion Ratio Lower Upper
63 100
65 30.8 24.6 37.0



#39
Methacrylonitrile
Concen: 10.403 ug/l
RT: 4.965 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VU059152.D
Acq: 05 Jun 2024 15:13

Tgt Ion: 41 Resp: 37323
Ion Ratio Lower Upper
41 100
67 87.4 68.2 102.4
39 55.6 43.4 65.2
52 35.5 29.1 43.7





#40

Methyl acrylate

Concen: 10.554 ug/l

RT: 4.843 min Scan# 1104

Delta R.T. 0.003 min

Lab File: VU059152.D

Acq: 05 Jun 2024 15:13

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 55 Resp: 66319

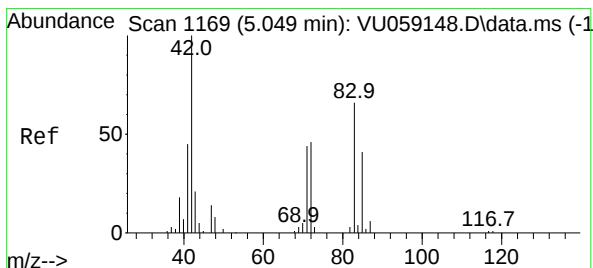
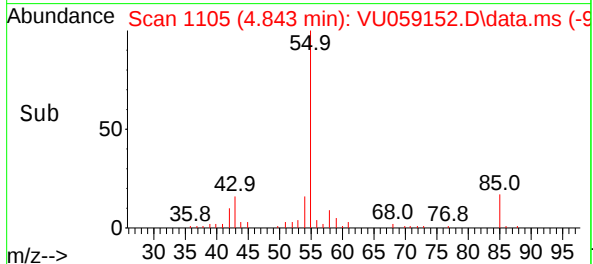
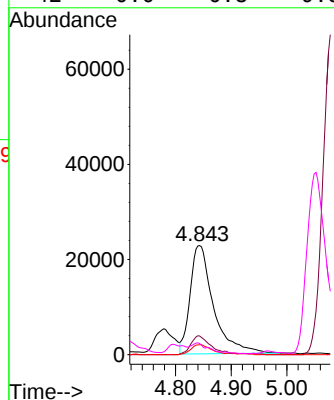
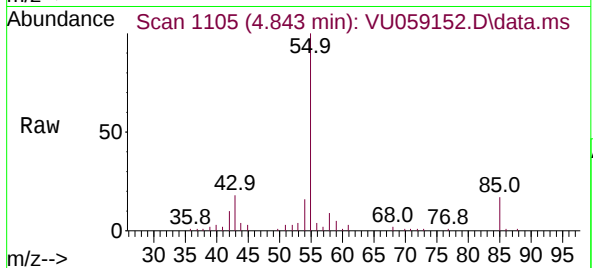
Ion Ratio Lower Upper

55 100

85 14.9 11.8 17.6

58 8.0 6.0 9.0

42 0.0 6.3 9.5#



#41

Tetrahydrofuran

Concen: 49.691 ug/l

RT: 5.052 min Scan# 1170

Delta R.T. 0.003 min

Lab File: VU059152.D

Acq: 05 Jun 2024 15:13

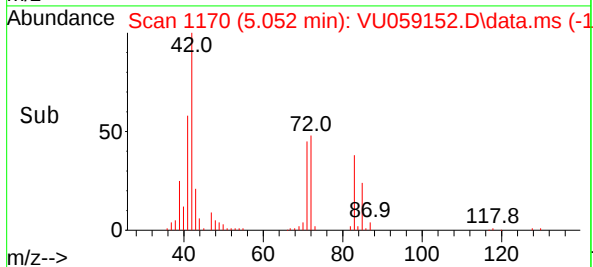
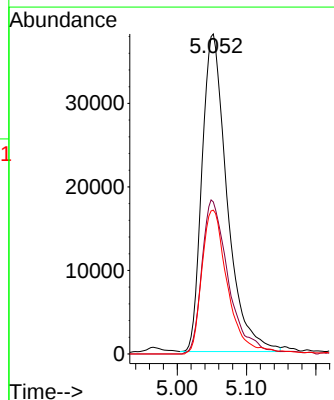
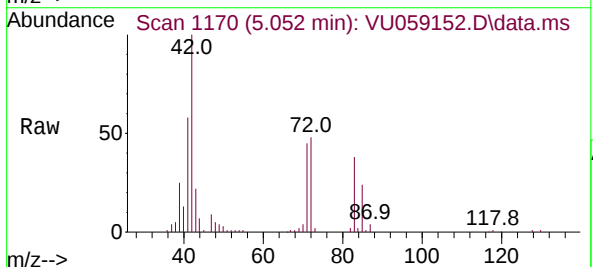
Tgt Ion: 42 Resp: 95352

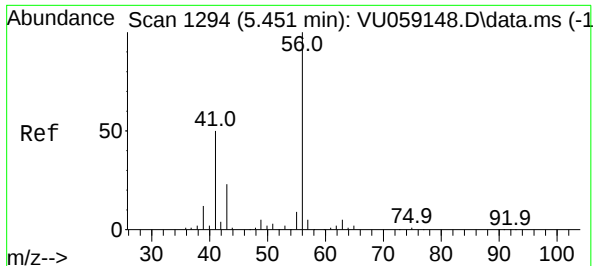
Ion Ratio Lower Upper

42 100

72 51.4 40.7 61.1

71 46.3 36.5 54.7

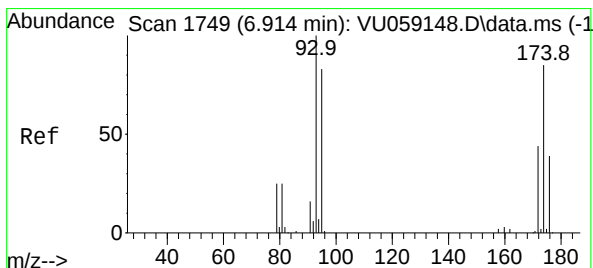
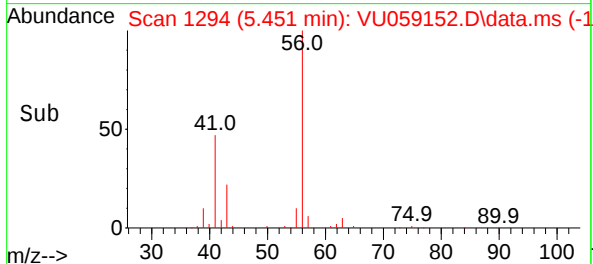
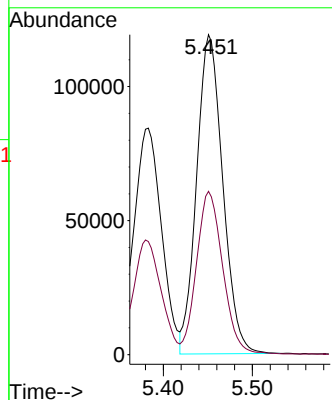
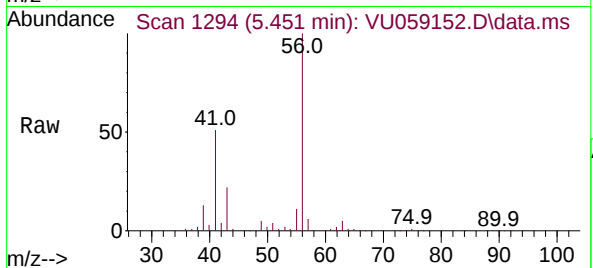




#42
1-Chlorobutane
Concen: 10.516 ug/l
RT: 5.451 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VU059152.D
Acq: 05 Jun 2024 15:13

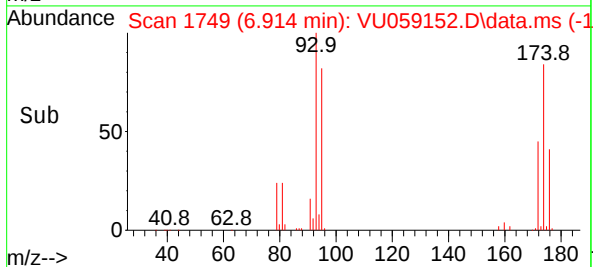
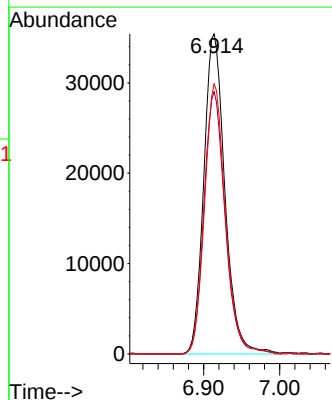
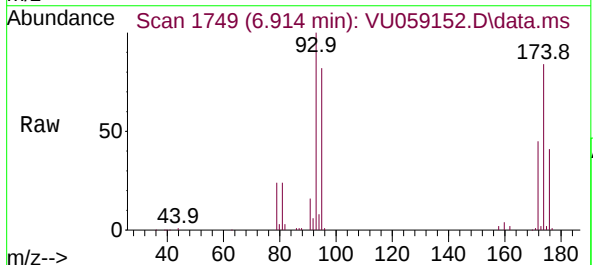
Instrument :
MSVOA_U
ClientSampleId :

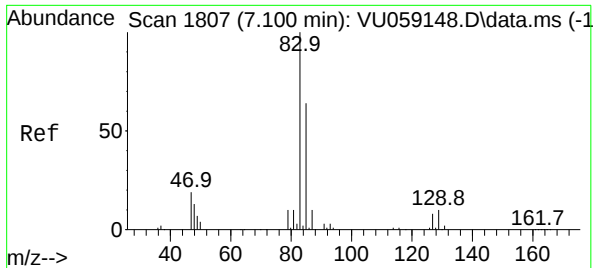
Tgt Ion: 56 Resp: 242900
Ion Ratio Lower Upper
56 100
41 50.9 25.7 77.1



#43
Dibromomethane
Concen: 10.108 ug/l
RT: 6.914 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VU059152.D
Acq: 05 Jun 2024 15:13

Tgt Ion: 93 Resp: 68314
Ion Ratio Lower Upper
93 100
95 82.3 66.1 99.1
174 83.7 67.2 100.8

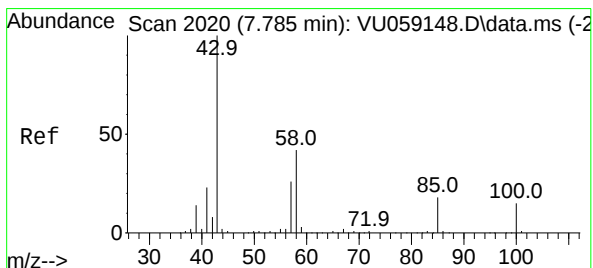
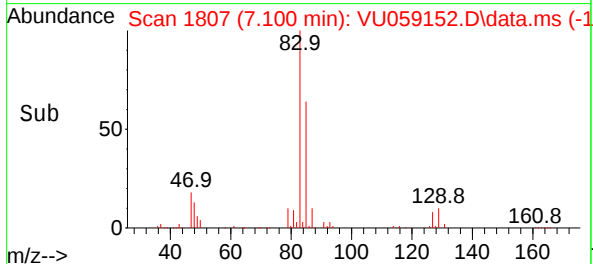
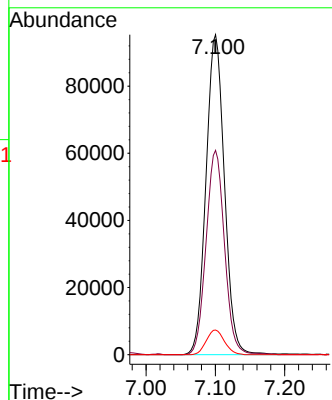
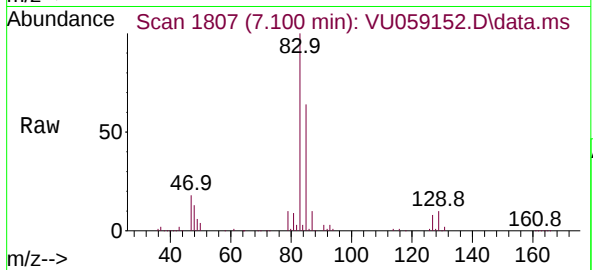




#44
Bromodichloromethane
Concen: 10.050 ug/l
RT: 7.100 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VU059152.D
Acq: 05 Jun 2024 15:13

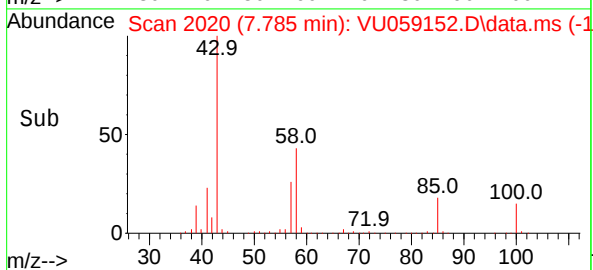
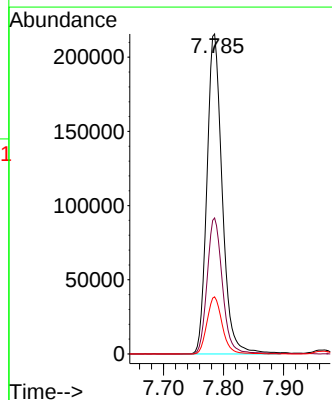
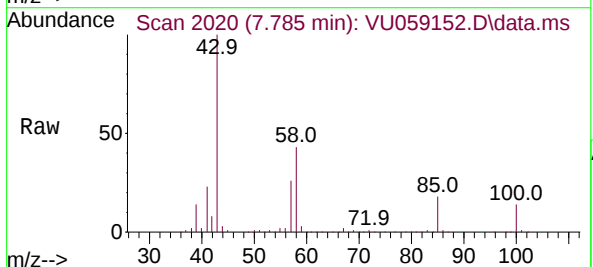
Instrument :
MSVOA_U
ClientSampleId :

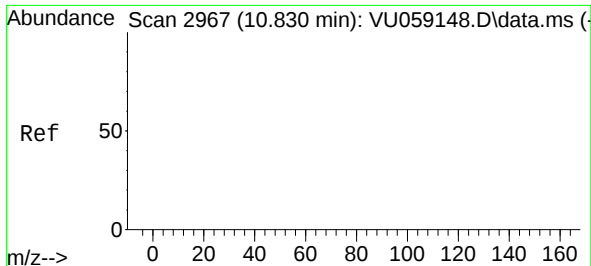
Tgt Ion: 83 Resp: 175988
Ion Ratio Lower Upper
83 100
85 63.8 51.0 76.4
127 7.7 6.4 9.6



#45
4-Methyl-2-Pentanone
Concen: 52.961 ug/l
RT: 7.785 min Scan# 2020
Delta R.T. 0.000 min
Lab File: VU059152.D
Acq: 05 Jun 2024 15:13

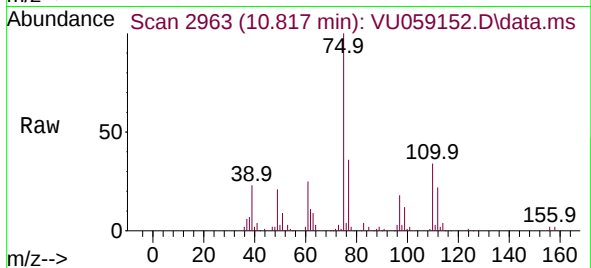
Tgt Ion: 43 Resp: 383707
Ion Ratio Lower Upper
43 100
58 42.5 21.1 63.3
85 17.7 14.6 22.0



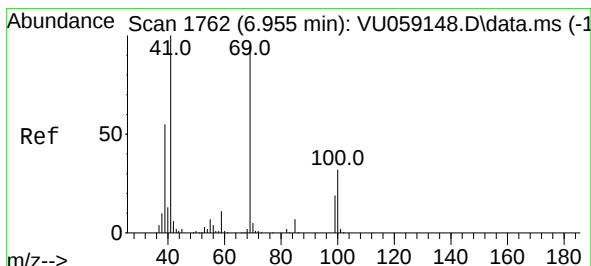
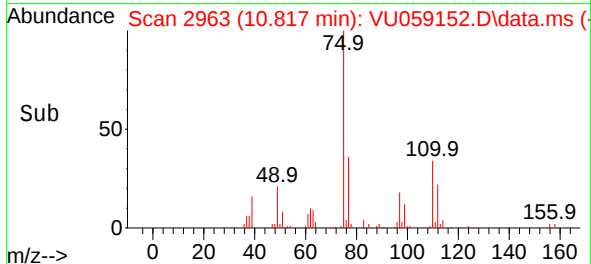
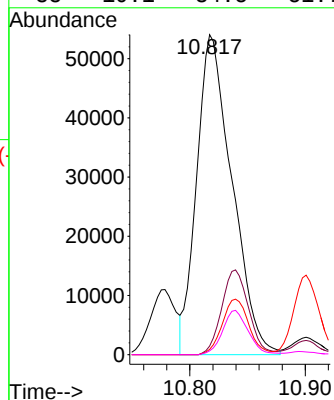


#46
t-1,4-Dichloro-2-butene
Concen: 37.324 ug/l
RT: 10.817 min Scan# 2963
Delta R.T. -0.013 min
Lab File: VU059152.D
Acq: 05 Jun 2024 15:13

Instrument :
MSVOA_U
ClientSampleId :

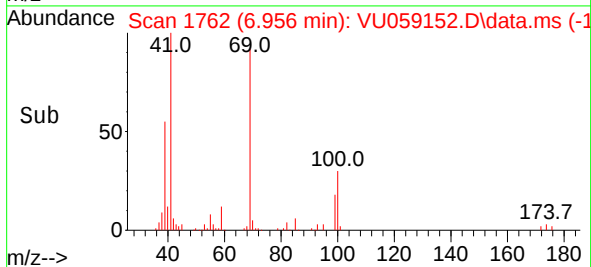
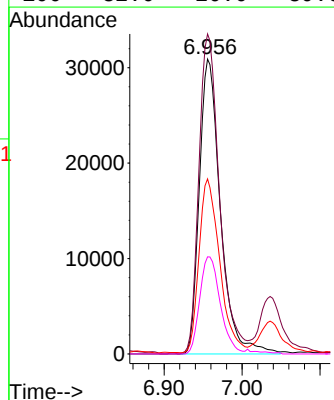
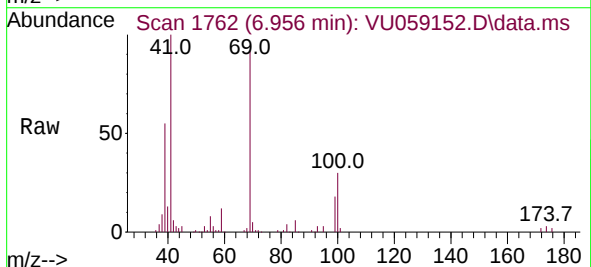


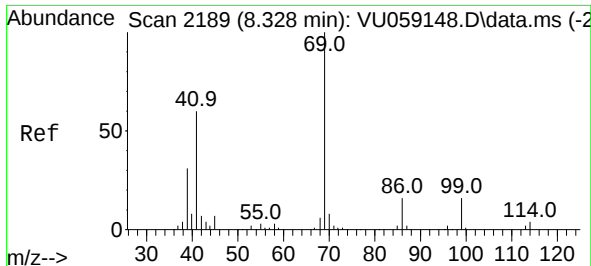
Tgt Ion: 75 Resp: 114753
Ion Ratio Lower Upper
75 100
53 20.3 72.2 108.4#
89 13.2 47.0 70.4#
88 10.1 34.5 51.7#



#47
Methyl methacrylate
Concen: 10.041 ug/l
RT: 6.956 min Scan# 1762
Delta R.T. 0.000 min
Lab File: VU059152.D
Acq: 05 Jun 2024 15:13

Tgt Ion: 69 Resp: 58273
Ion Ratio Lower Upper
69 100
41 106.0 0.0 208.8
39 57.6 46.0 69.0
100 32.0 26.0 39.0





#48

Ethyl methacrylate

Concen: 11.624 ug/l

RT: 8.328 min Scan# 2189

Delta R.T. 0.000 min

Lab File: VU059152.D

Acq: 05 Jun 2024 15:13

Instrument :

MSVOA_U

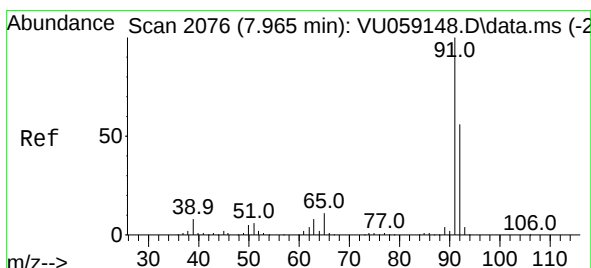
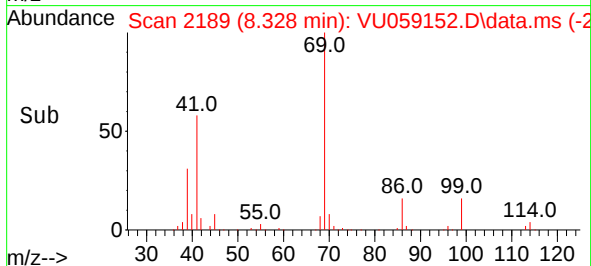
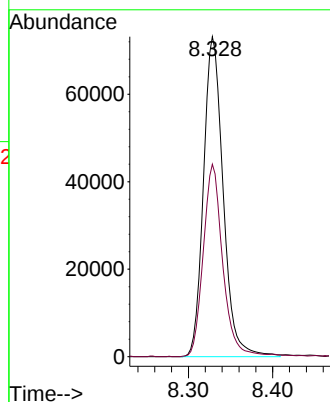
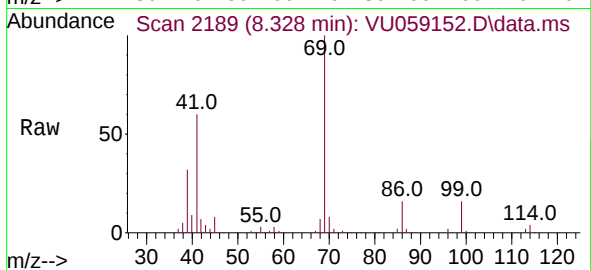
ClientSampleId :

Tgt Ion: 69 Resp: 119179

Ion Ratio Lower Upper

69 100

41 59.2 30.2 90.6



#49

Toluene

Concen: 10.735 ug/l

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU059152.D

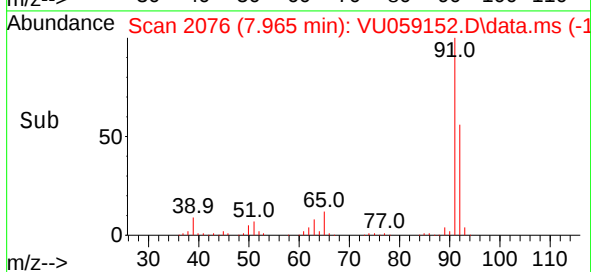
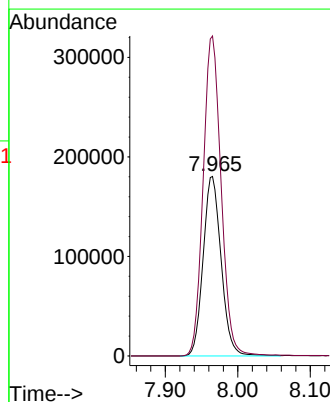
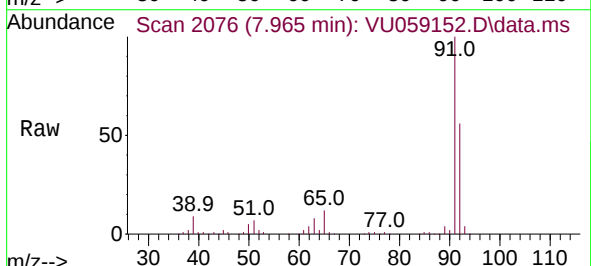
Acq: 05 Jun 2024 15:13

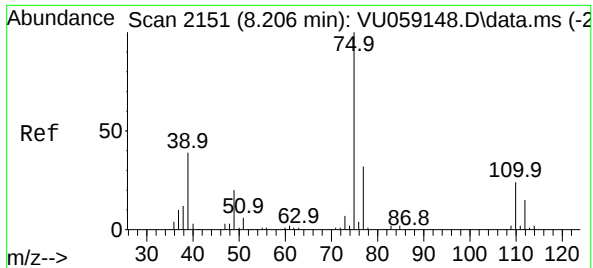
Tgt Ion: 92 Resp: 310748

Ion Ratio Lower Upper

92 100

91 178.1 143.4 215.0

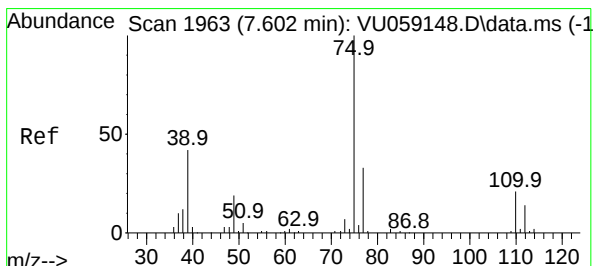
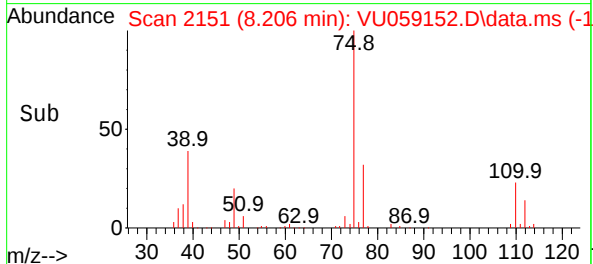
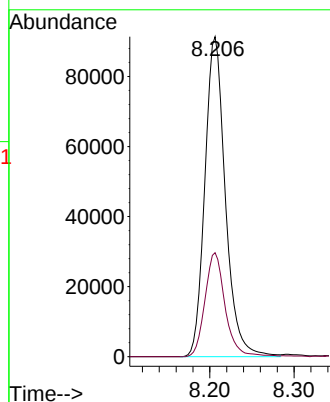
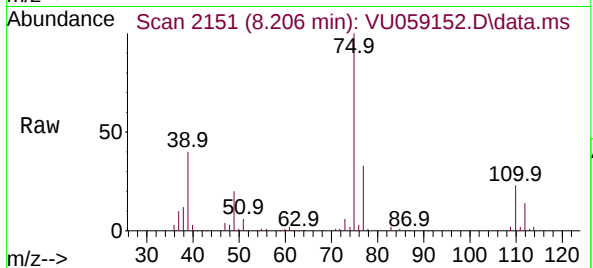




#50
t-1,3-Dichloropropene
Concen: 10.332 ug/l
RT: 8.206 min Scan# 2151
Delta R.T. 0.000 min
Lab File: VU059152.D
Acq: 05 Jun 2024 15:13

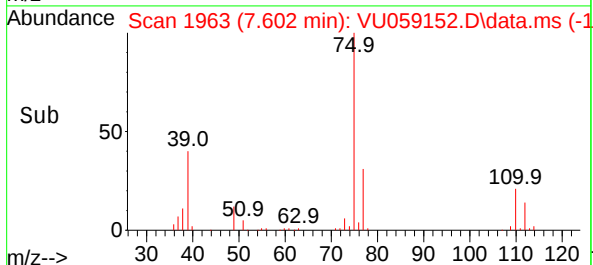
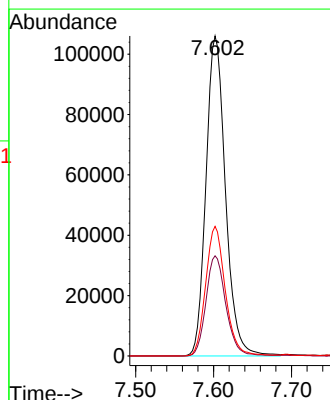
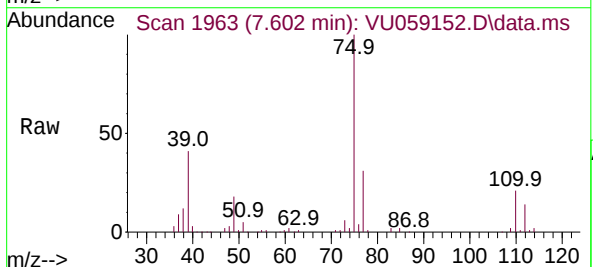
Instrument :
MSVOA_U
ClientSampleId :

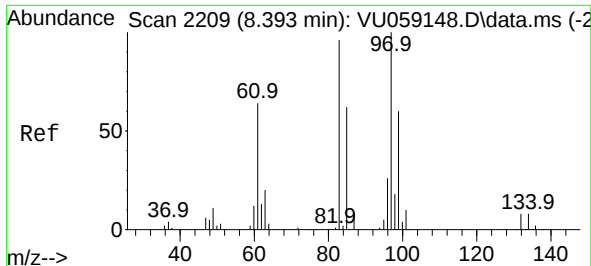
Tgt Ion: 75 Resp: 154810
Ion Ratio Lower Upper
75 100
77 32.5 25.3 37.9



#51
cis-1,3-Dichloropropene
Concen: 10.053 ug/l
RT: 7.602 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VU059152.D
Acq: 05 Jun 2024 15:13

Tgt Ion: 75 Resp: 184513
Ion Ratio Lower Upper
75 100
77 31.3 26.0 39.0
39 40.5 33.2 49.8

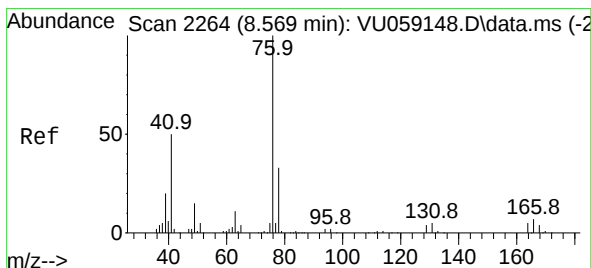
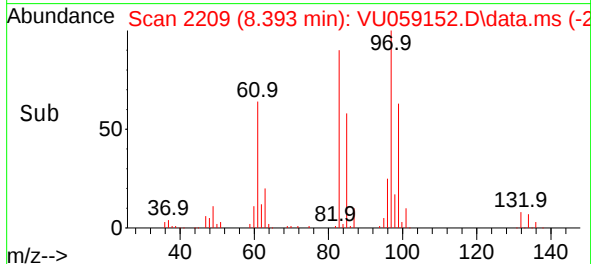
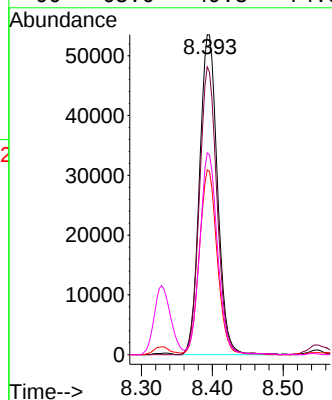
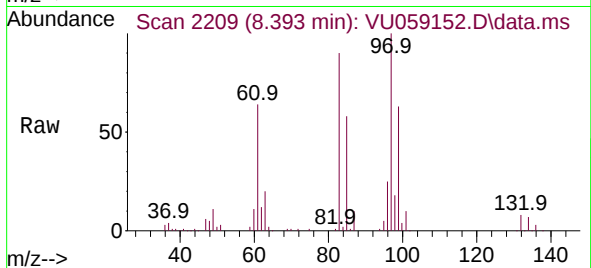




#52
1,1,2-Trichloroethane
Concen: 9.409 ug/l
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU059152.D
Acq: 05 Jun 2024 15:13

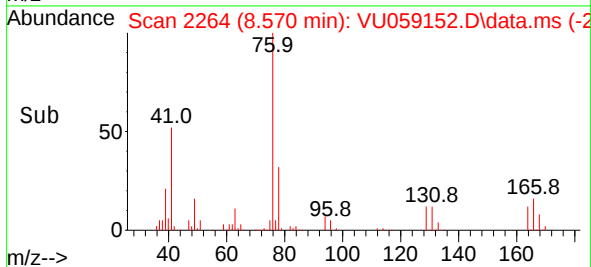
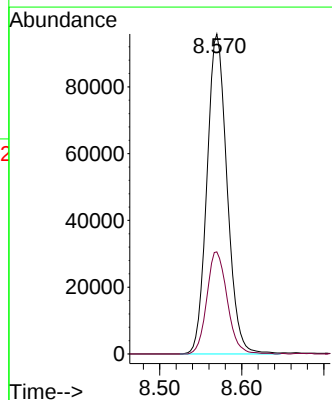
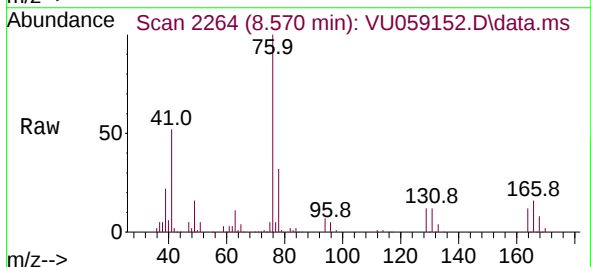
Instrument :
MSVOA_U
ClientSampleId :

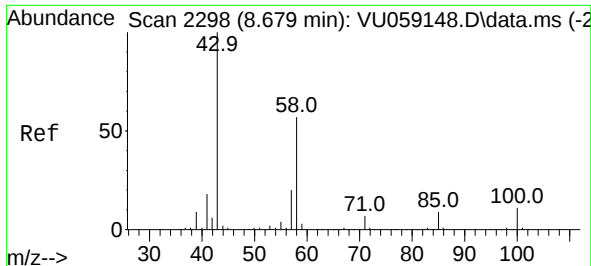
Tgt Ion: 97	Resp: 93958
Ion Ratio	Lower Upper
97 100	
83 89.9	76.4 114.6
85 57.7	49.6 74.4
99 63.0	49.8 74.8



#53
1,3-Dichloropropane
Concen: 9.487 ug/l
RT: 8.570 min Scan# 2264
Delta R.T. 0.000 min
Lab File: VU059152.D
Acq: 05 Jun 2024 15:13

Tgt Ion: 76	Resp: 163224
Ion Ratio	Lower Upper
76 100	
78 32.3	25.4 38.2





#54

2-Hexanone

Concen: 43.026 ug/l

RT: 8.679 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VU059152.D

Acq: 05 Jun 2024 15:13

Instrument :

MSVOA_U

ClientSampleId :

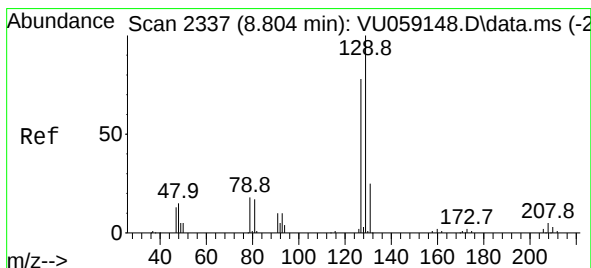
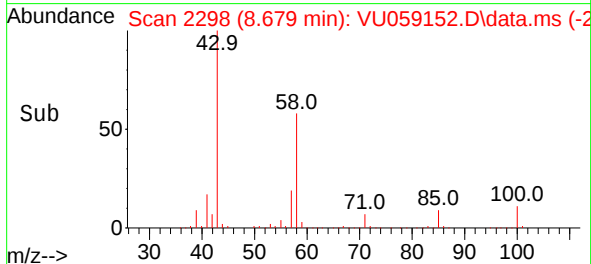
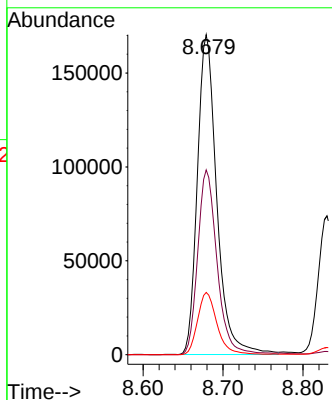
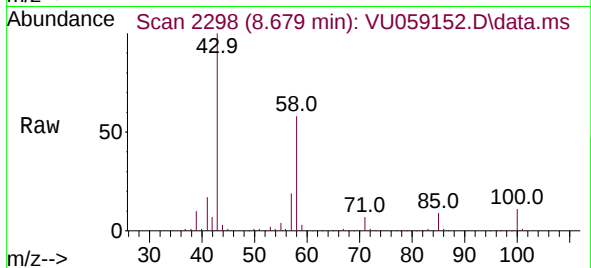
Tgt Ion: 43 Resp: 288392

Ion Ratio Lower Upper

43 100

58 57.5 38.6 78.6

57 19.5 0.0 39.5



#55

Dibromochloromethane

Concen: 9.968 ug/l

RT: 8.804 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VU059152.D

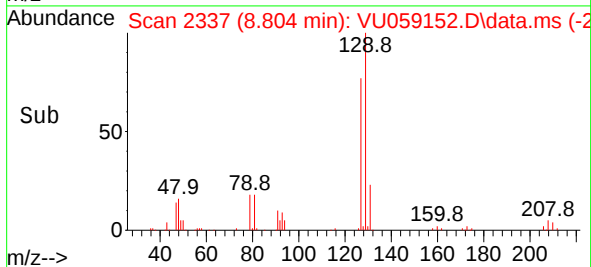
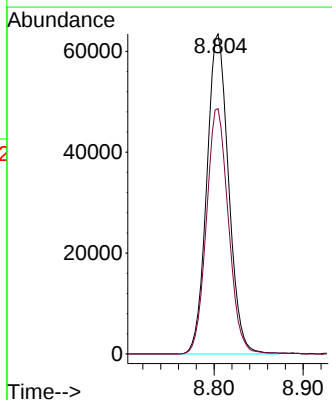
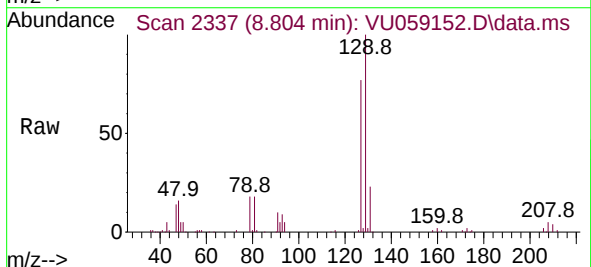
Acq: 05 Jun 2024 15:13

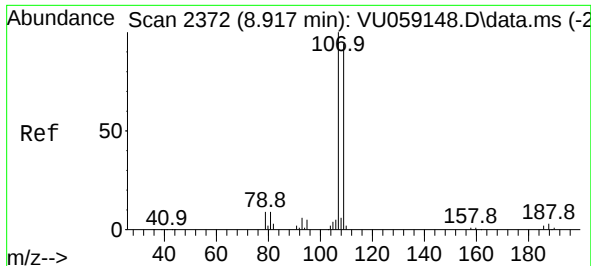
Tgt Ion: 129 Resp: 107736

Ion Ratio Lower Upper

129 100

127 77.7 61.9 92.9

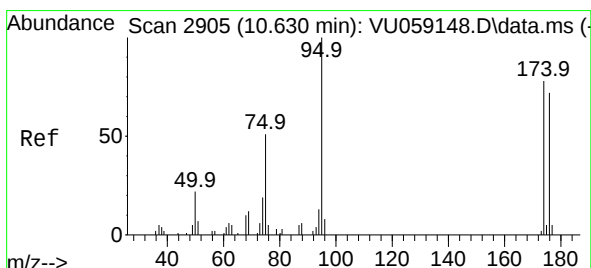
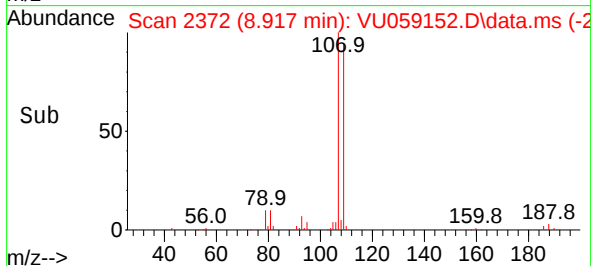
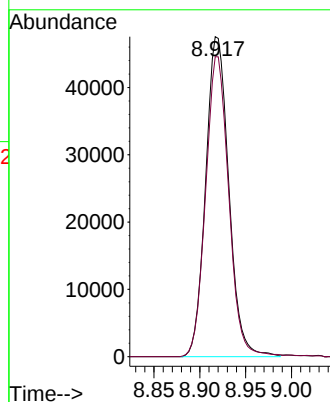
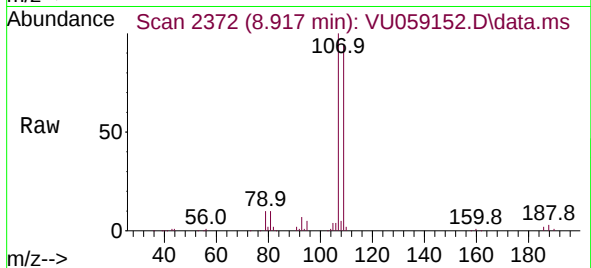




#56
1,2-Dibromoethane
Concen: 9.527 ug/l
RT: 8.917 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VU059152.D
Acq: 05 Jun 2024 15:13

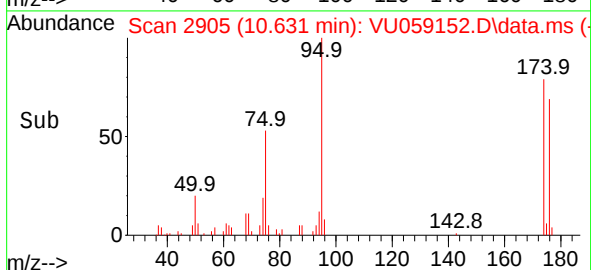
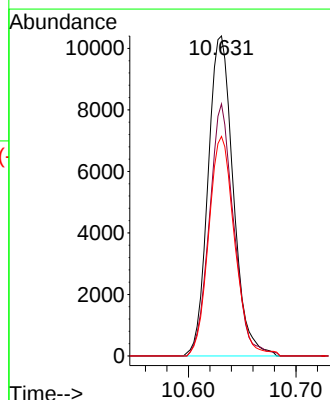
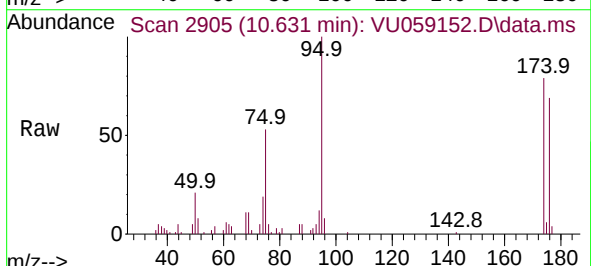
Instrument :
MSVOA_U
ClientSampleId :

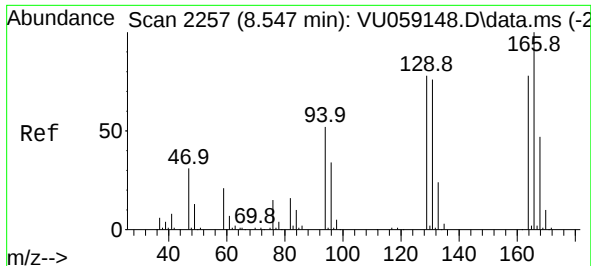
Tgt Ion:107 Resp: 83443
Ion Ratio Lower Upper
107 100
109 93.7 0.0 188.2



#57
4-Bromofluorobenzene
Concen: 1.088 ug/l
RT: 10.631 min Scan# 2905
Delta R.T. 0.000 min
Lab File: VU059152.D
Acq: 05 Jun 2024 15:13

Tgt Ion: 95 Resp: 16921
Ion Ratio Lower Upper
95 100
174 76.5 59.6 89.4
176 70.7 57.3 85.9





#58

Tetrachloroethene

Concen: 9.821 ug/l

RT: 8.547 min Scan# 21

Delta R.T. 0.000 min

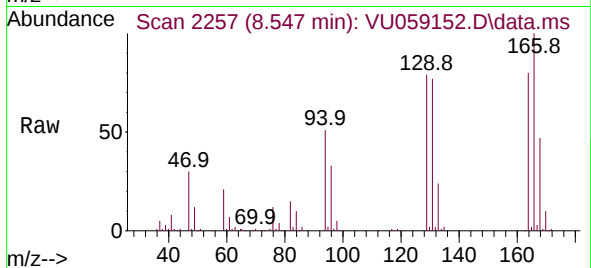
Lab File: VU059152.D

Acq: 05 Jun 2024 15:13

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 113651

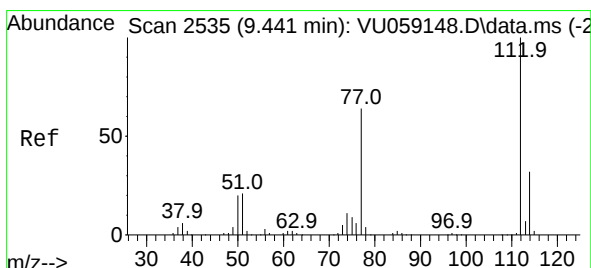
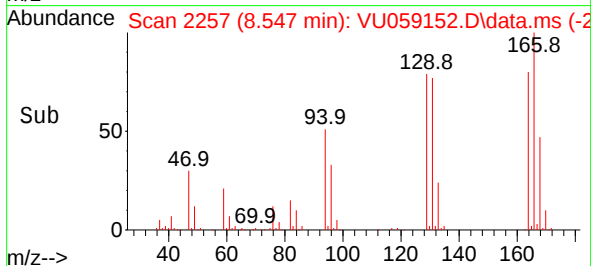
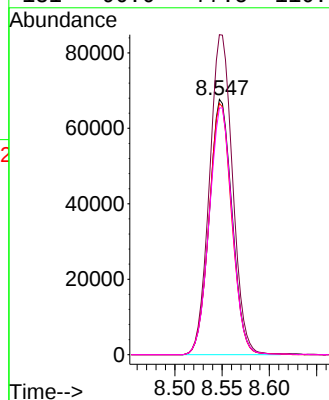
Ion Ratio Lower Upper

164 100

166 125.3 102.6 153.8

129 98.5 80.3 120.5

131 96.6 77.5 116.3



#59

Chlorobenzene

Concen: 10.336 ug/l

RT: 9.441 min Scan# 2535

Delta R.T. 0.000 min

Lab File: VU059152.D

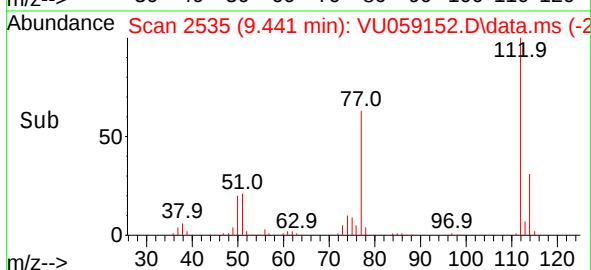
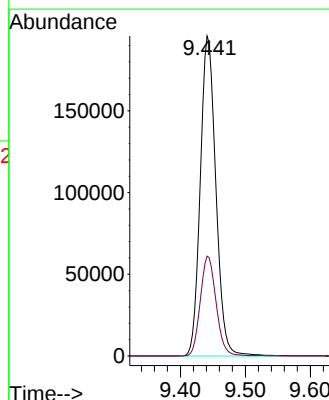
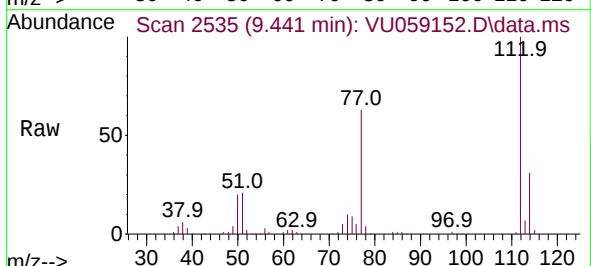
Acq: 05 Jun 2024 15:13

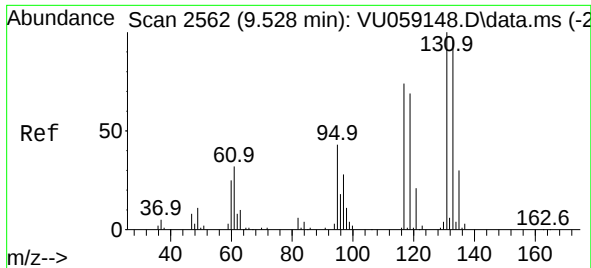
Tgt Ion:112 Resp: 327373

Ion Ratio Lower Upper

112 100

114 31.2 25.6 38.4

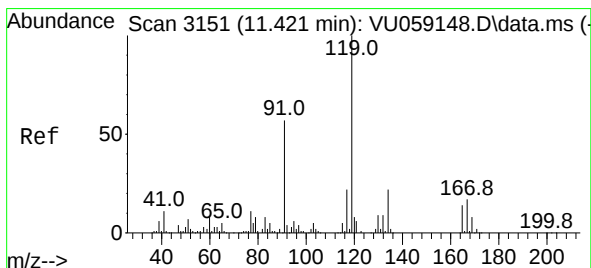
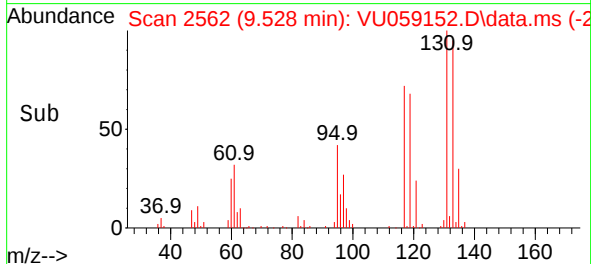
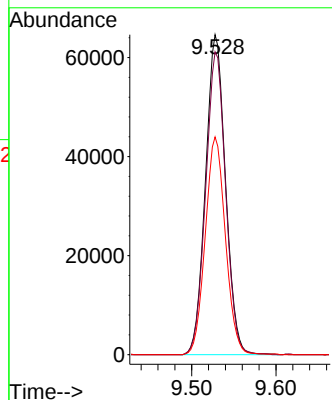
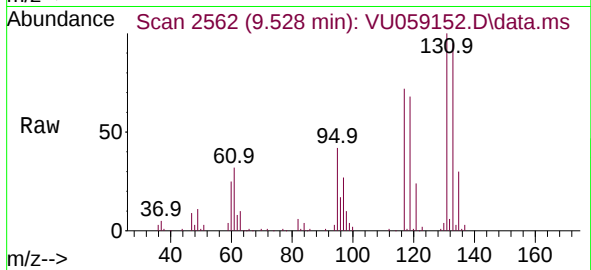




#60
1,1,1,2-Tetrachloroethane
Concen: 9.417 ug/l
RT: 9.528 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU059152.D
Acq: 05 Jun 2024 15:13

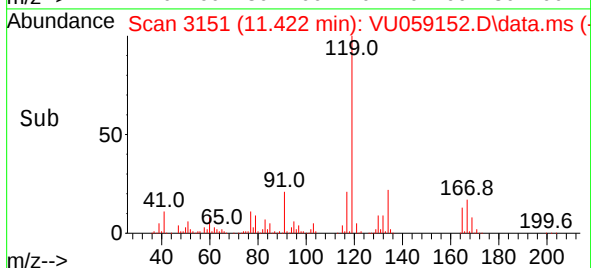
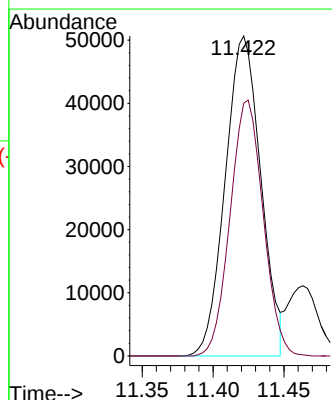
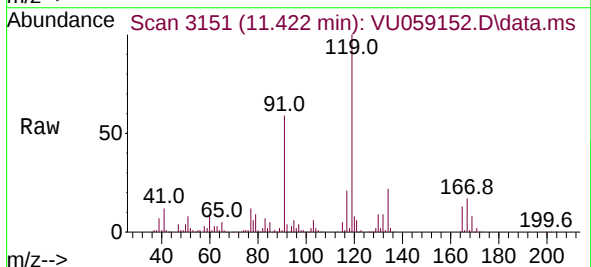
Instrument :
MSVOA_U
ClientSampleId :

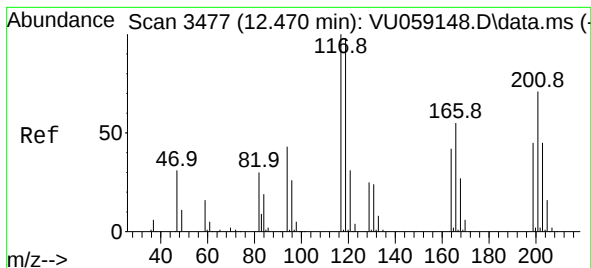
Tgt Ion:131 Resp: 106824
Ion Ratio Lower Upper
131 100
133 94.7 76.7 115.1
119 68.6 55.3 82.9



#61
Pentachloroethane
Concen: 10.059 ug/l
RT: 11.422 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU059152.D
Acq: 05 Jun 2024 15:13

Tgt Ion:117 Resp: 88518
Ion Ratio Lower Upper
117 100
167 74.3 58.1 87.1





#62

Hexachloroethane

Concen: 10.217 ug/l

RT: 12.470 min Scan# 3477

Delta R.T. 0.000 min

Lab File: VU059152.D

Acq: 05 Jun 2024 15:13

Instrument :

MSVOA_U

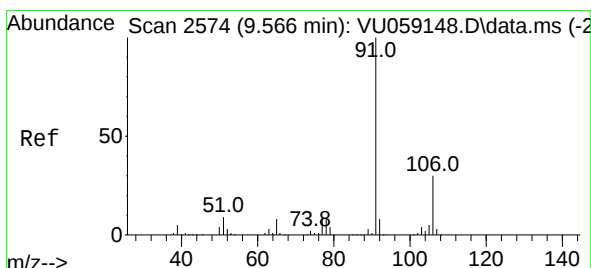
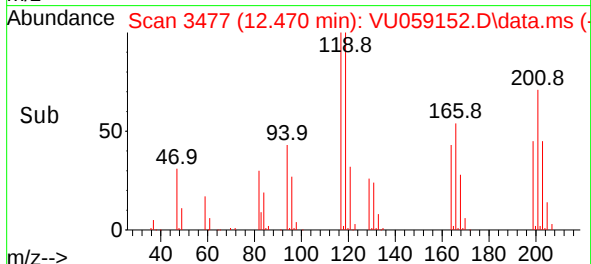
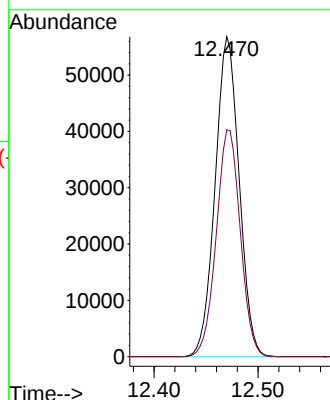
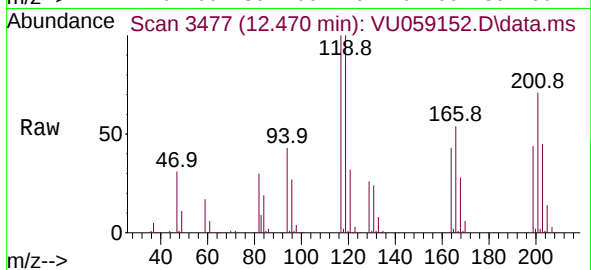
ClientSampleId :

Tgt Ion:117 Resp: 91403

Ion Ratio Lower Upper

117 100

201 70.8 55.8 83.8



#63

Ethyl Benzene

Concen: 11.279 ug/l

RT: 9.566 min Scan# 2574

Delta R.T. 0.000 min

Lab File: VU059152.D

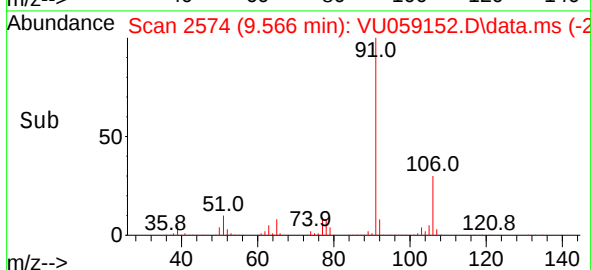
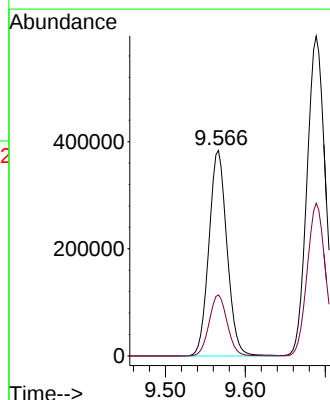
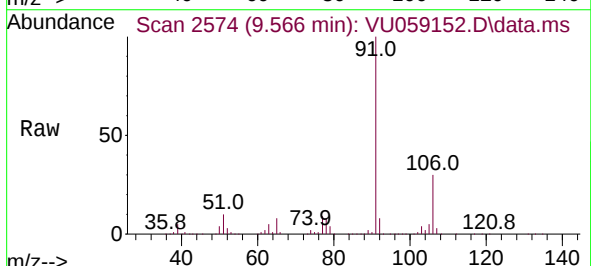
Acq: 05 Jun 2024 15:13

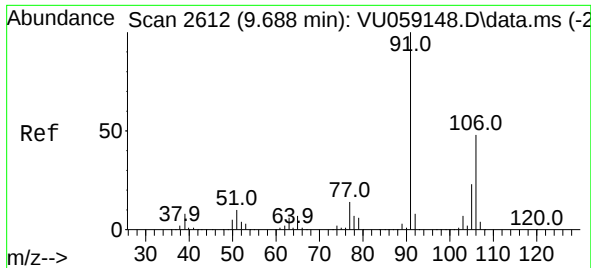
Tgt Ion: 91 Resp: 603032

Ion Ratio Lower Upper

91 100

106 29.7 23.9 35.9





#64

m/p-Xylenes

Concen: 22.850 ug/l

RT: 9.689 min Scan# 2

Delta R.T. 0.000 min

Lab File: VU059152.D

Acq: 05 Jun 2024 15:13

Instrument :

MSVOA_U

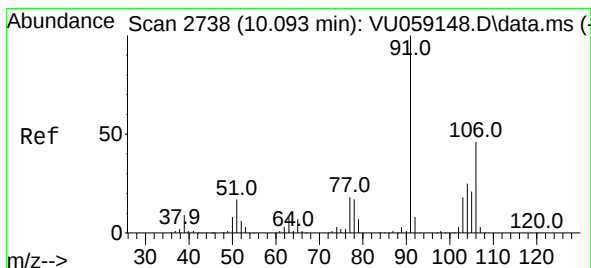
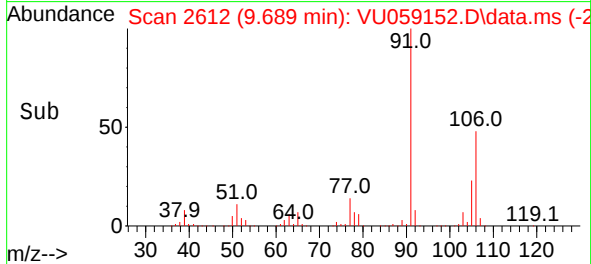
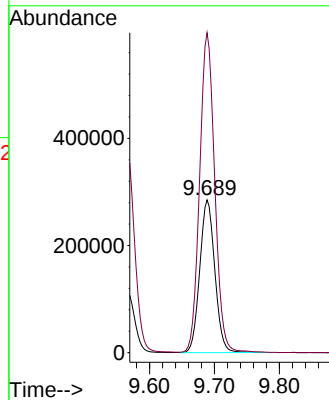
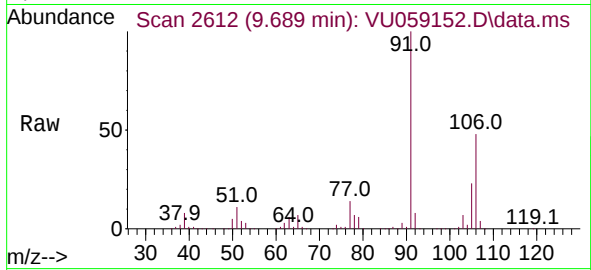
ClientSampleId :

Tgt Ion:106 Resp: 460834

Ion Ratio Lower Upper

106 100

91 210.0 166.4 249.6



#65

o-Xylene

Concen: 10.925 ug/l

RT: 10.097 min Scan# 2739

Delta R.T. 0.003 min

Lab File: VU059152.D

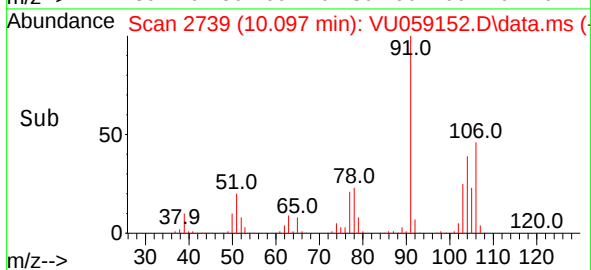
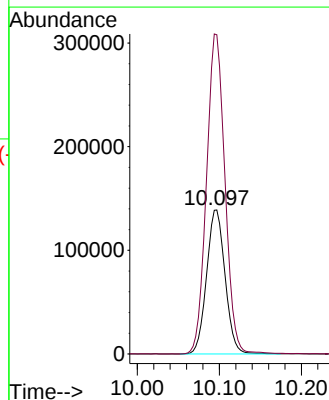
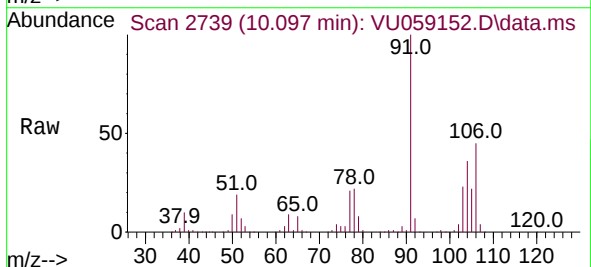
Acq: 05 Jun 2024 15:13

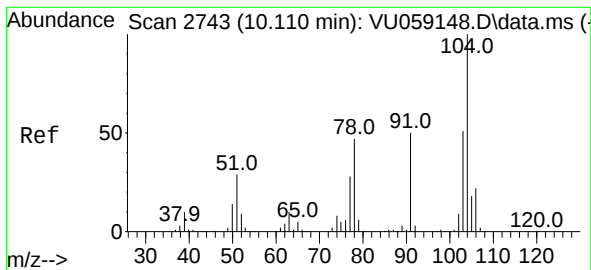
Tgt Ion:106 Resp: 217280

Ion Ratio Lower Upper

106 100

91 222.5 110.7 332.1





#66

Styrene

Concen: 9.952 ug/l

RT: 10.110 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU059152.D

Acq: 05 Jun 2024 15:13

Instrument :

MSVOA_U

ClientSampleId :

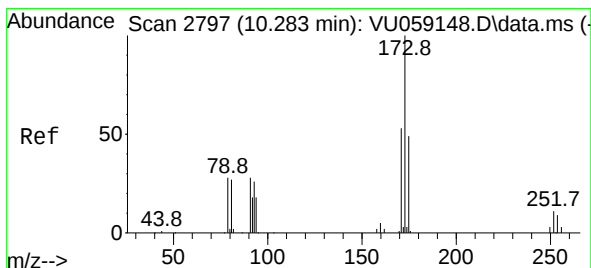
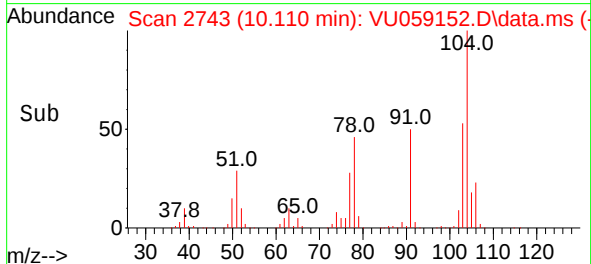
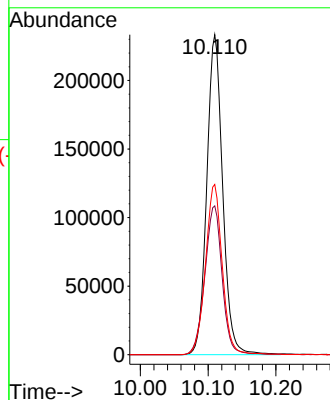
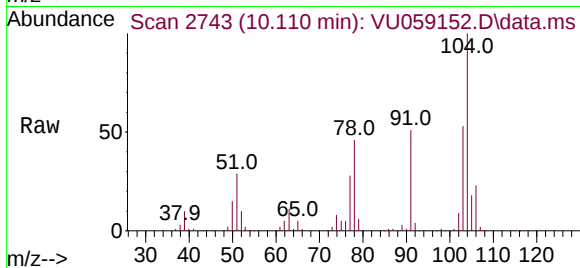
Tgt Ion:104 Resp: 381169

Ion Ratio Lower Upper

104 100

78 50.4 41.6 62.4

103 56.2 44.6 66.8



#67

Bromoform

Concen: 9.986 ug/l

RT: 10.287 min Scan# 2798

Delta R.T. 0.003 min

Lab File: VU059152.D

Acq: 05 Jun 2024 15:13

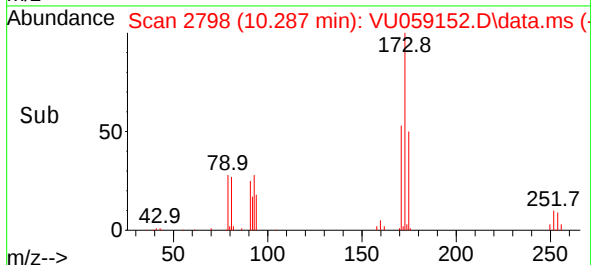
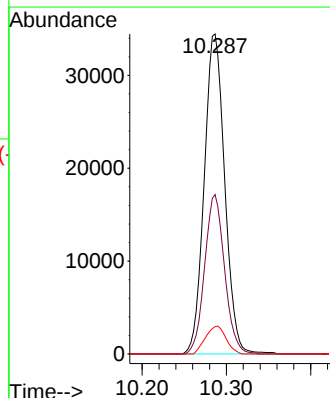
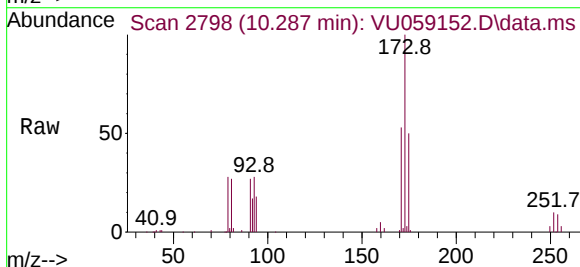
Tgt Ion:173 Resp: 58436

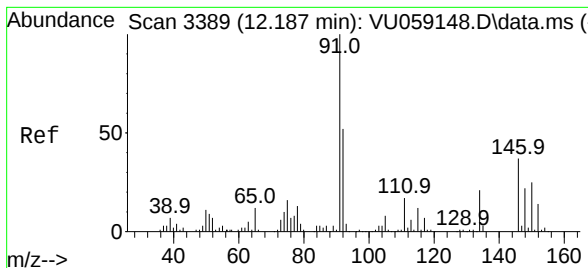
Ion Ratio Lower Upper

173 100

175 48.3 40.1 60.1

254 8.7 7.0 10.4





#68

1,2-Dichlorobenzene-d4

Concen: 1.009 ug/l

RT: 12.187 min Scan# 3389

Delta R.T. 0.000 min

Lab File: VU059152.D

Acq: 05 Jun 2024 15:13

Instrument :

MSVOA_U

ClientSampleId :

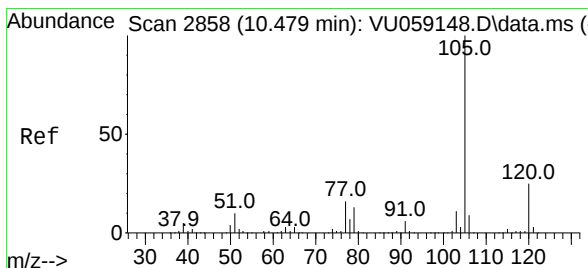
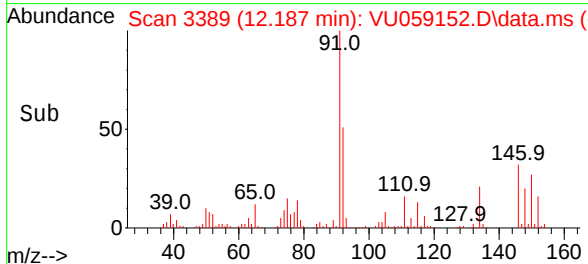
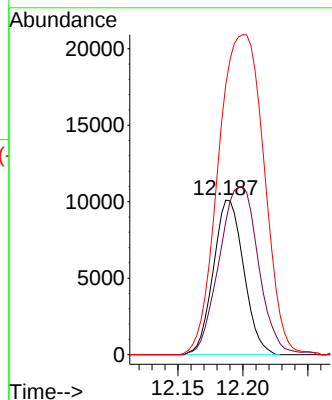
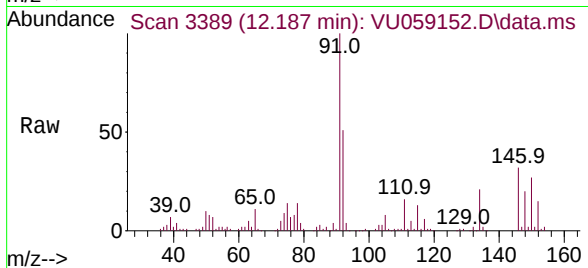
Tgt Ion:152 Resp: 16437

Ion Ratio Lower Upper

152 100

115 141.1 0.0 293.2

150 311.2 0.0 636.0



#69

Isopropylbenzene

Concen: 11.446 ug/l

RT: 10.480 min Scan# 2858

Delta R.T. 0.000 min

Lab File: VU059152.D

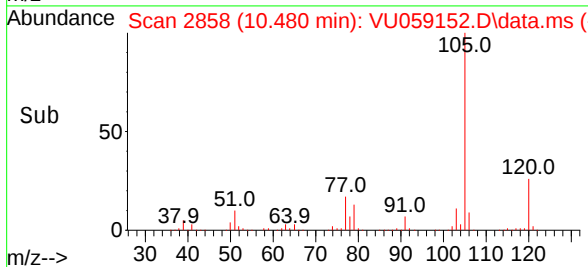
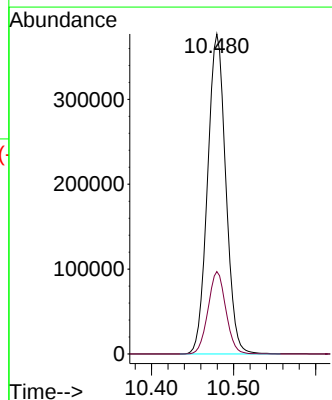
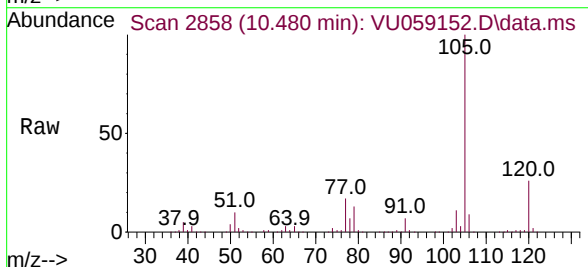
Acq: 05 Jun 2024 15:13

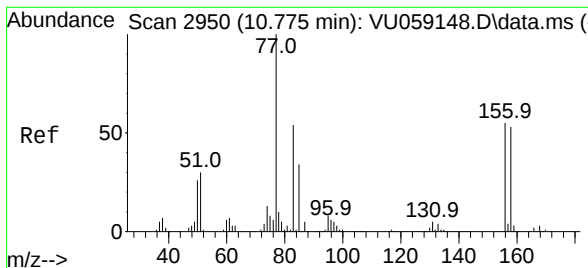
Tgt Ion:105 Resp: 583243

Ion Ratio Lower Upper

105 100

120 25.2 12.7 38.0





#70

1,1,2,2-Tetrachloroethane

Concen: 9.383 ug/l

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU059152.D

Acq: 05 Jun 2024 15:13

Instrument :

MSVOA_U

ClientSampleId :

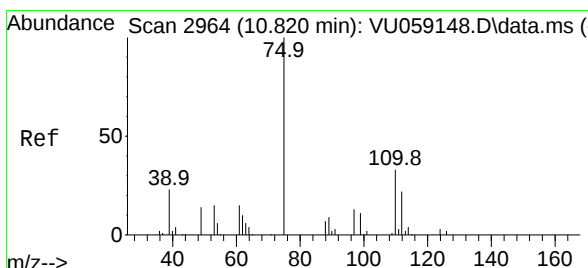
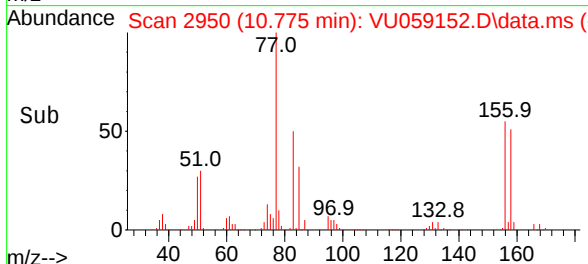
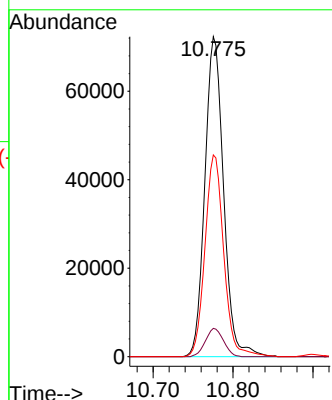
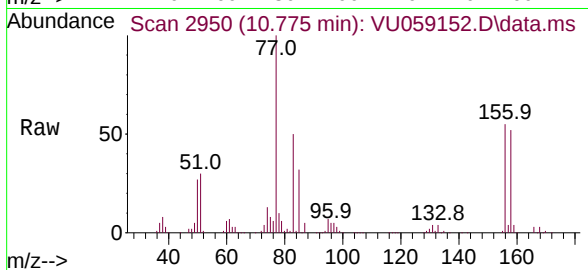
Tgt Ion: 83 Resp: 117798

Ion Ratio Lower Upper

83 100

131 8.6 6.6 10.0

85 63.4 50.1 75.1



#71

1,2,3-Trichloropropane

Concen: 11.976 ug/l

RT: 10.817 min Scan# 2963

Delta R.T. -0.003 min

Lab File: VU059152.D

Acq: 05 Jun 2024 15:13

Tgt Ion: 75 Resp: 114753

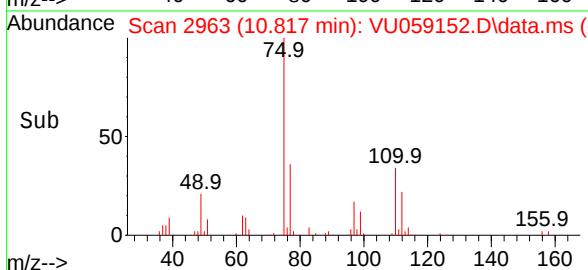
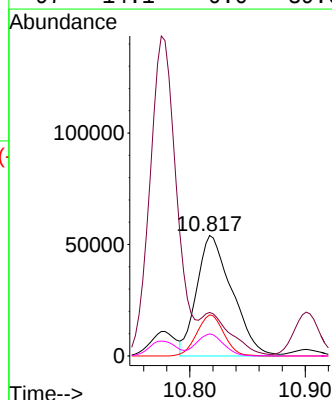
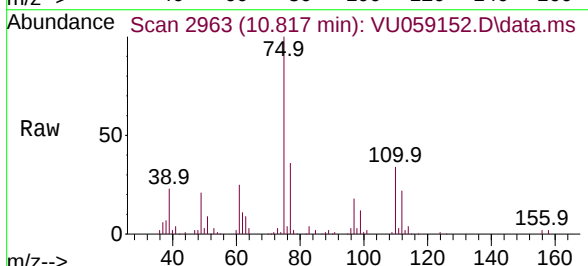
Ion Ratio Lower Upper

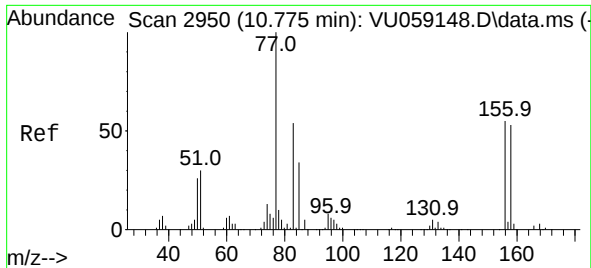
75 100

77 0.0 0.0 0.0

110 26.2 0.0 68.4

97 14.1 0.0 39.6

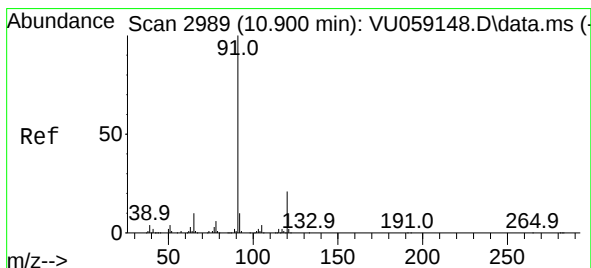
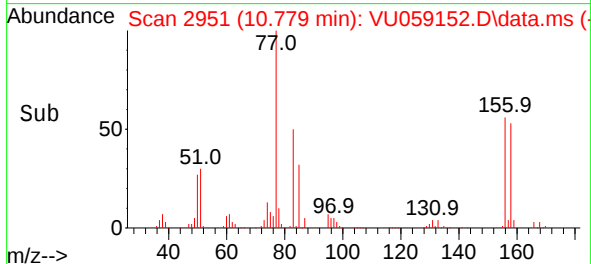
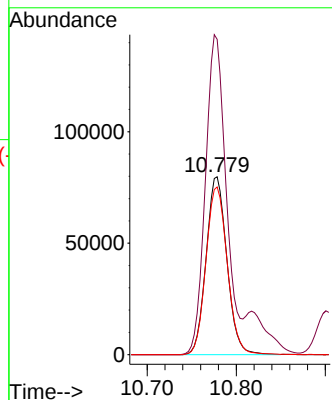
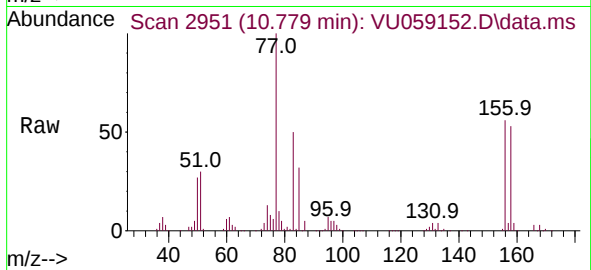




#72
Bromobenzene
Concen: 10.558 ug/l
RT: 10.779 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU059152.D
Acq: 05 Jun 2024 15:13

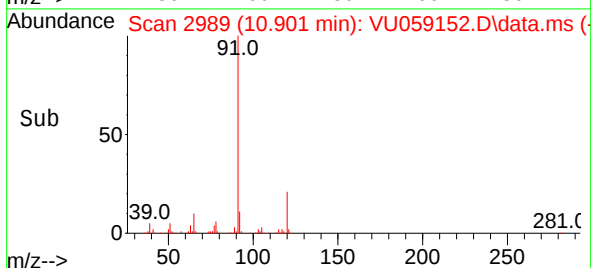
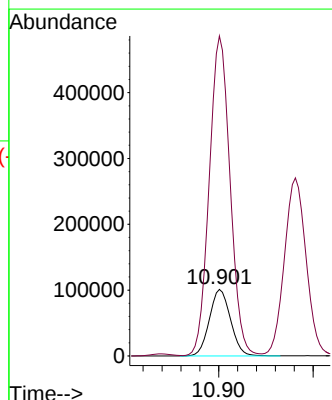
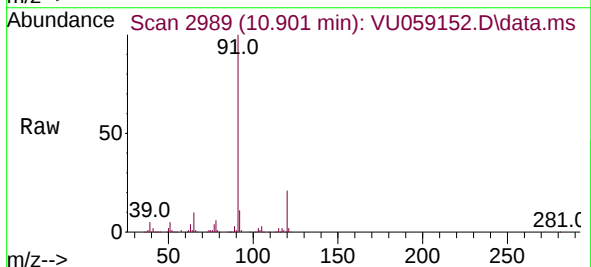
Instrument :
MSVOA_U
ClientSampleId :

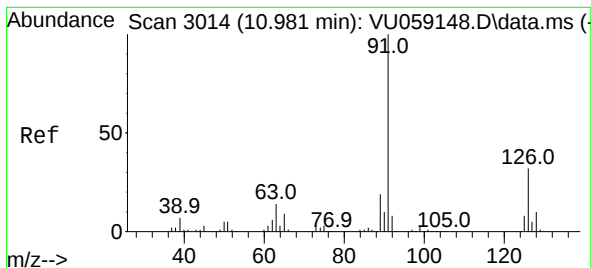
Tgt Ion:156 Resp: 128966
Ion Ratio Lower Upper
156 100
77 179.8 0.0 359.6
158 97.1 0.0 192.2



#73
n-propylbenzene
Concen: 9.606 ug/l
RT: 10.901 min Scan# 2989
Delta R.T. 0.000 min
Lab File: VU059152.D
Acq: 05 Jun 2024 15:13

Tgt Ion:120 Resp: 156817
Ion Ratio Lower Upper
120 100
91 473.2 378.6 567.8





#74

2-Chlorotoluene

Concen: 10.899 ug/l

RT: 10.981 min Scan# 3014

Delta R.T. 0.000 min

Lab File: VU059152.D

Acq: 05 Jun 2024 15:13

Instrument :

MSVOA_U

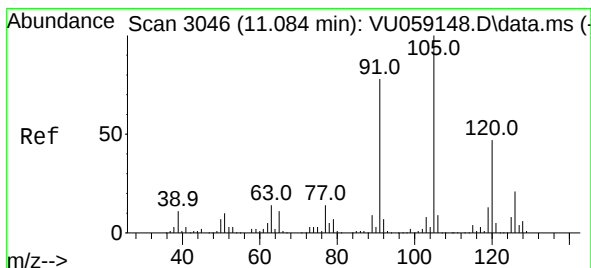
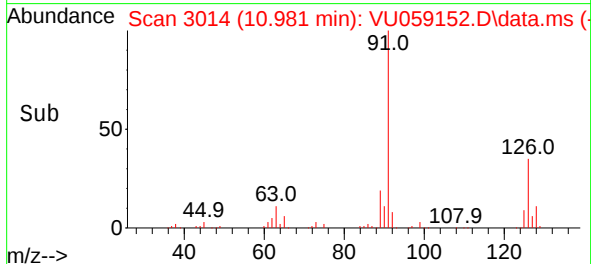
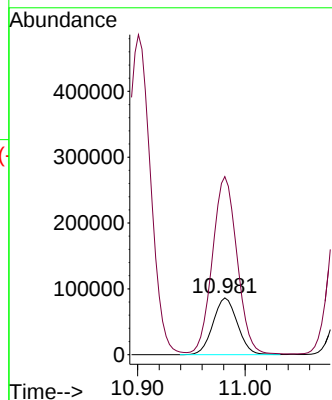
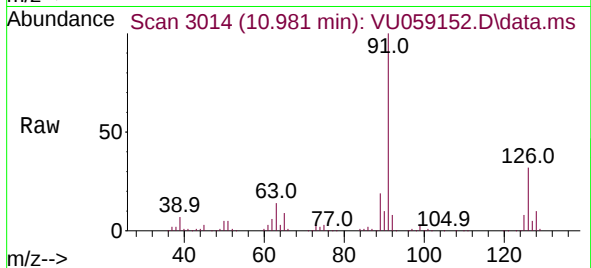
ClientSampleId :

Tgt Ion:126 Resp: 135714

Ion Ratio Lower Upper

126 100

91 317.8 0.0 627.0



#75

1,3,5-Trimethylbenzene

Concen: 9.565 ug/l

RT: 11.084 min Scan# 3046

Delta R.T. 0.000 min

Lab File: VU059152.D

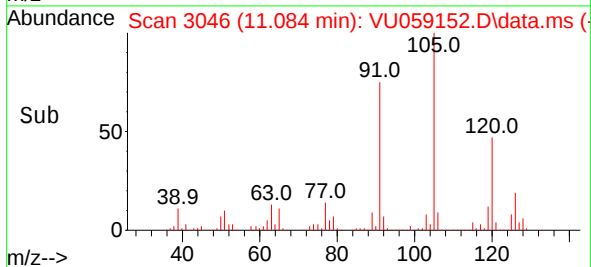
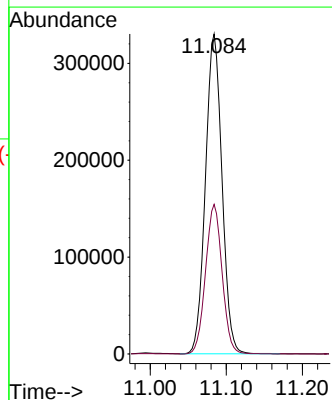
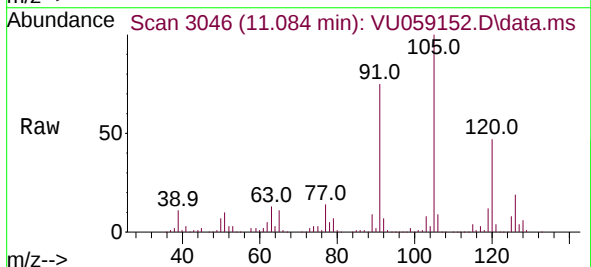
Acq: 05 Jun 2024 15:13

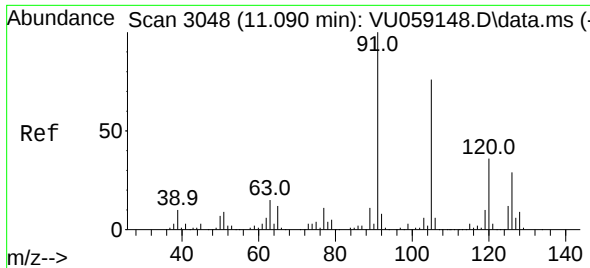
Tgt Ion:105 Resp: 499078

Ion Ratio Lower Upper

105 100

120 46.9 37.5 56.3

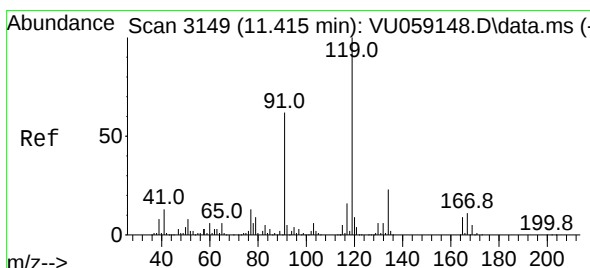
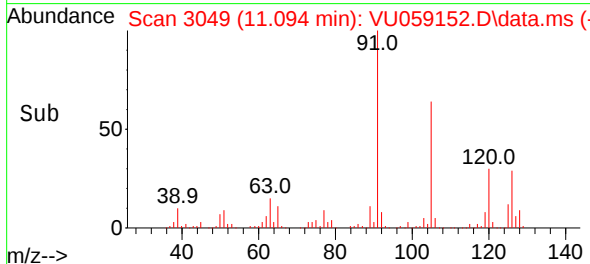
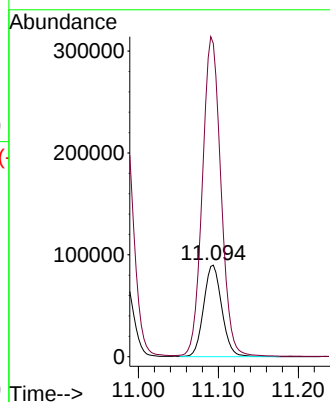
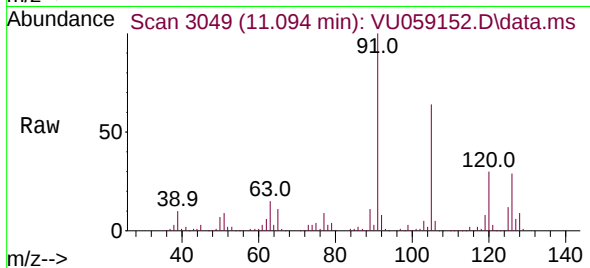




#76
4-Chlorotoluene
Concen: 10.923 ug/l
RT: 11.094 min Scan# 3048
Delta R.T. 0.003 min
Lab File: VU059152.D
Acq: 05 Jun 2024 15:13

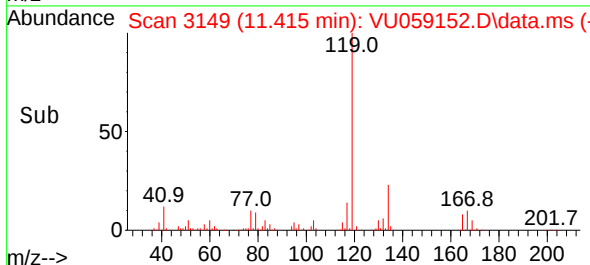
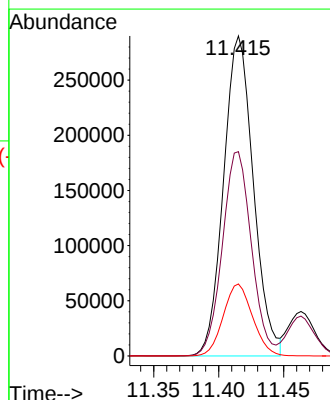
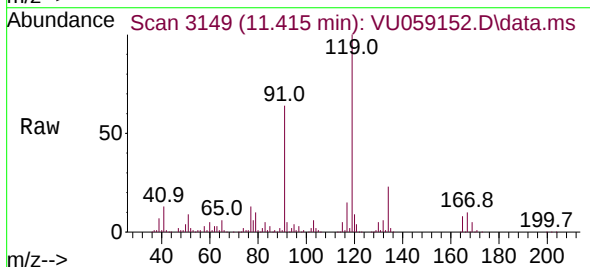
Instrument :
MSVOA_U
ClientSampleId :

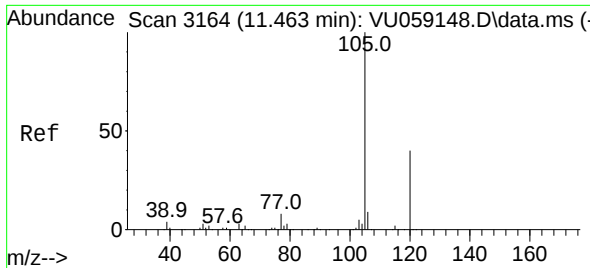
Tgt Ion:126 Resp: 142182
Ion Ratio Lower Upper
126 100
91 357.1 0.0 704.4



#77
tert-Butylbenzene
Concen: 11.335 ug/l
RT: 11.415 min Scan# 3149
Delta R.T. 0.000 min
Lab File: VU059152.D
Acq: 05 Jun 2024 15:13

Tgt Ion:119 Resp: 463624
Ion Ratio Lower Upper
119 100
91 62.0 30.7 92.1
134 22.1 17.7 26.5

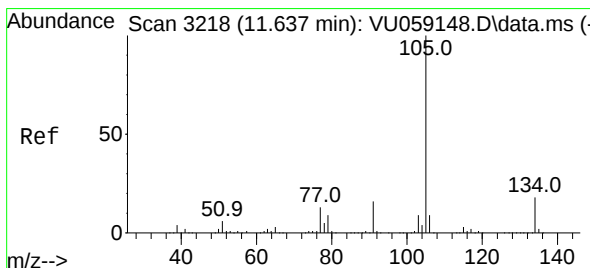
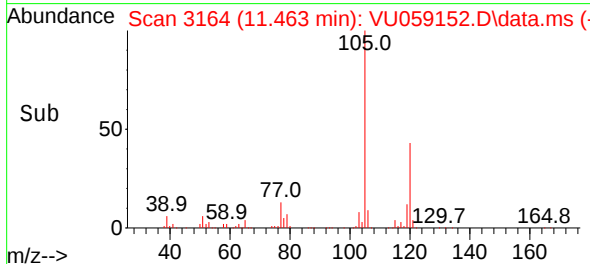
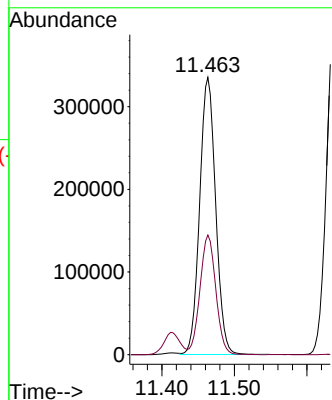
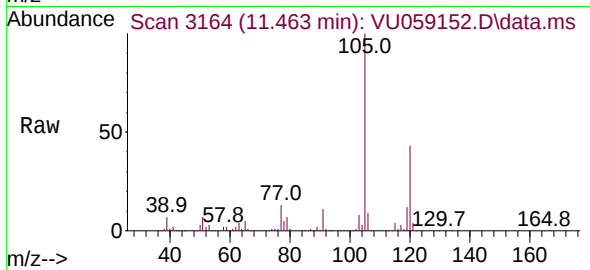




#78
1,2,4-Trimethylbenzene
Concen: 9.590 ug/l
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU059152.D
Acq: 05 Jun 2024 15:13

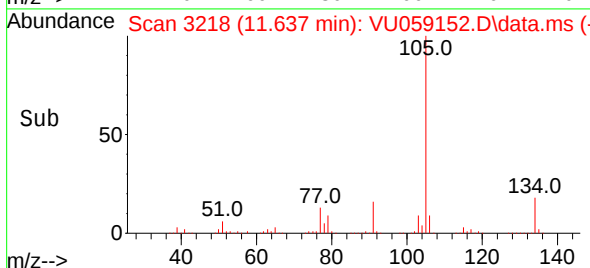
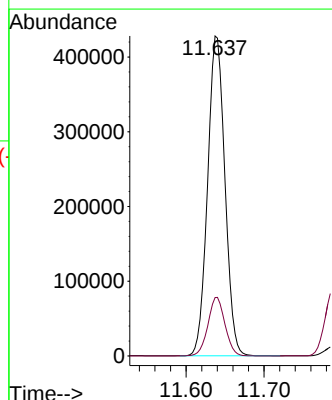
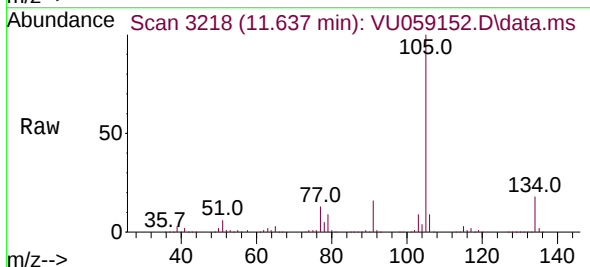
Instrument :
MSVOA_U
ClientSampleId :

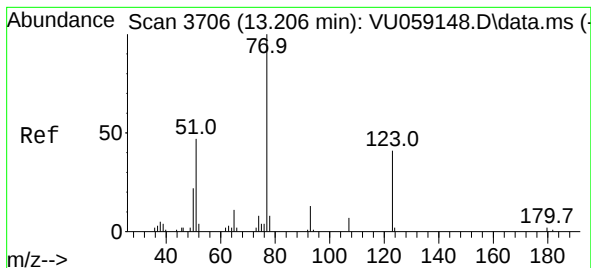
Tgt Ion:105 Resp: 513388
Ion Ratio Lower Upper
105 100
120 42.8 21.7 65.1



#79
sec-Butylbenzene
Concen: 9.732 ug/l
RT: 11.637 min Scan# 3218
Delta R.T. 0.000 min
Lab File: VU059152.D
Acq: 05 Jun 2024 15:13

Tgt Ion:105 Resp: 660096
Ion Ratio Lower Upper
105 100
134 18.1 14.5 21.7





#80

Nitrobenzene

Concen: 12.207 ug/l

RT: 13.216 min Scan# 3709

Delta R.T. 0.010 min

Lab File: VU059152.D

Acq: 05 Jun 2024 15:13

Instrument :

MSVOA_U

ClientSampleId :

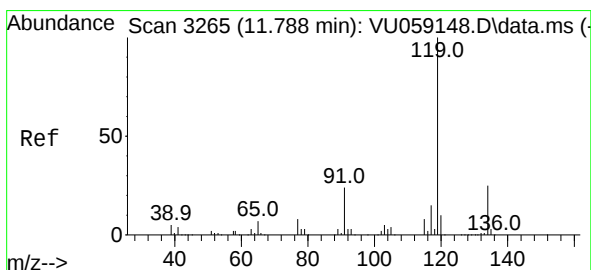
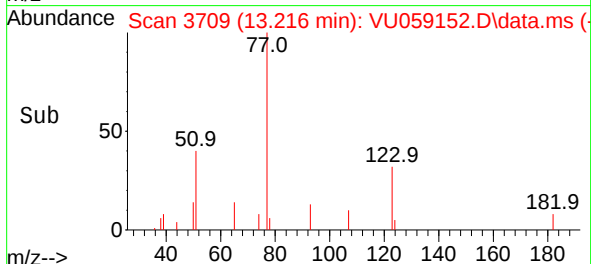
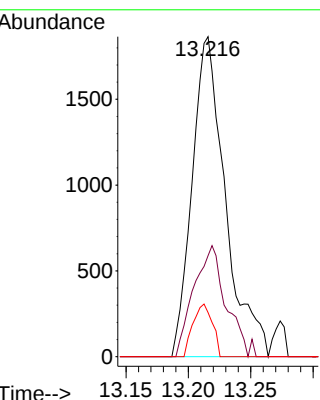
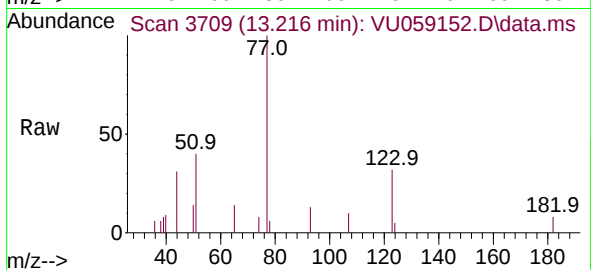
Tgt Ion: 77 Resp: 3456

Ion Ratio Lower Upper

77 100

123 33.9 18.3 64.7

65 0.0 10.6 13.4#



#81

p-Isopropyltoluene

Concen: 9.764 ug/l

RT: 11.788 min Scan# 3265

Delta R.T. 0.000 min

Lab File: VU059152.D

Acq: 05 Jun 2024 15:13

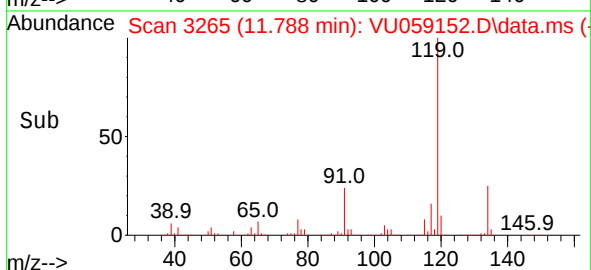
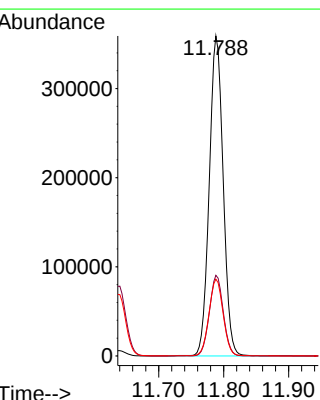
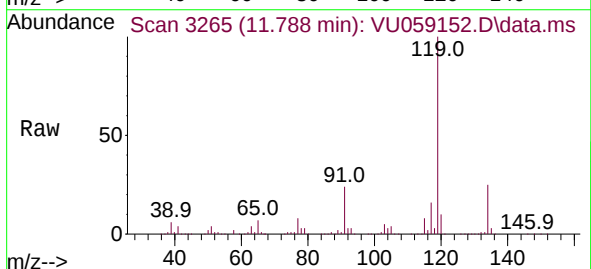
Tgt Ion: 119 Resp: 531594

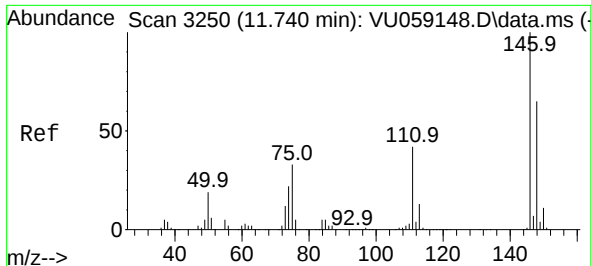
Ion Ratio Lower Upper

119 100

134 25.2 20.2 30.4

91 24.2 19.3 28.9





#82

1,3-Dichlorobenzene

Concen: 10.453 ug/l

RT: 11.740 min Scan# 3250

Delta R.T. 0.000 min

Lab File: VU059152.D

Acq: 05 Jun 2024 15:13

Instrument :

MSVOA_U

ClientSampleId :

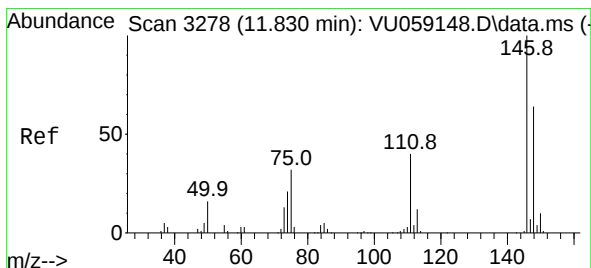
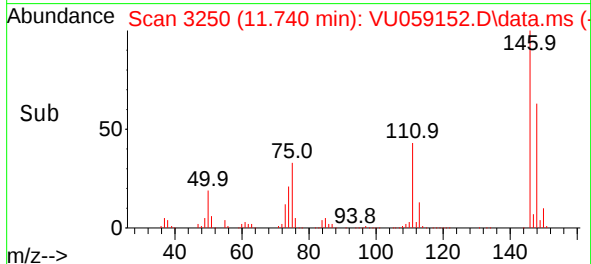
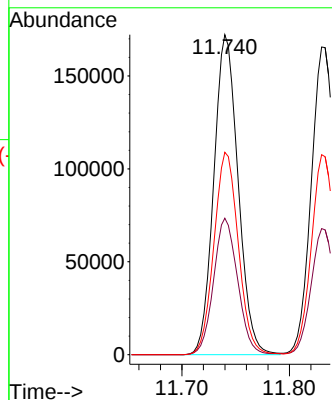
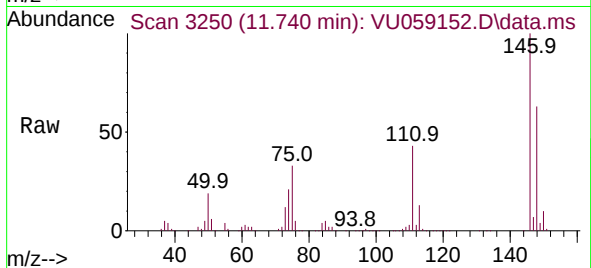
Tgt Ion:146 Resp: 270566

Ion Ratio Lower Upper

146 100

111 42.3 33.4 50.0

148 63.5 51.2 76.8



#83

1,4-Dichlorobenzene

Concen: 10.371 ug/l

RT: 11.830 min Scan# 3278

Delta R.T. 0.000 min

Lab File: VU059152.D

Acq: 05 Jun 2024 15:13

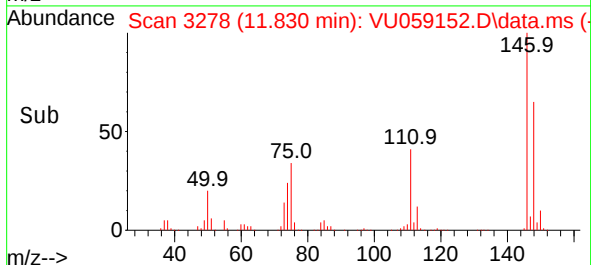
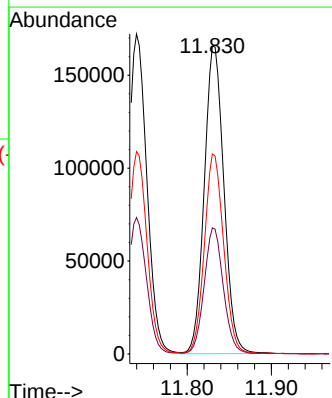
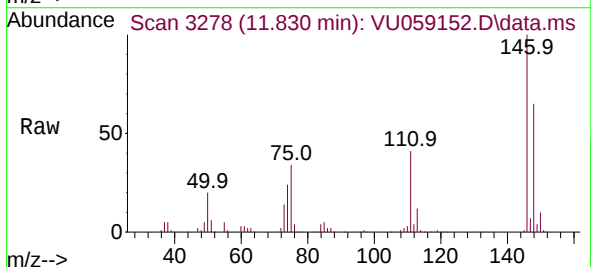
Tgt Ion:146 Resp: 268466

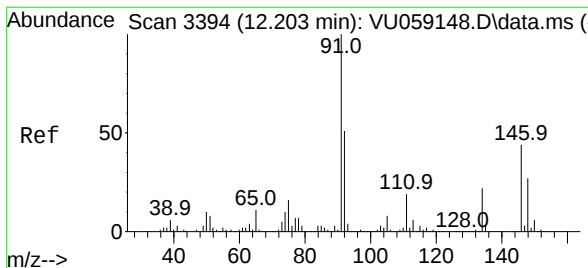
Ion Ratio Lower Upper

146 100

111 39.7 32.1 48.1

148 63.7 51.2 76.8





#84

n-Butylbenzene

Concen: 10.058 ug/l

RT: 12.203 min Scan# 3394

Delta R.T. 0.000 min

Lab File: VU059152.D

Acq: 05 Jun 2024 15:13

Instrument :

MSVOA_U

ClientSampleId :

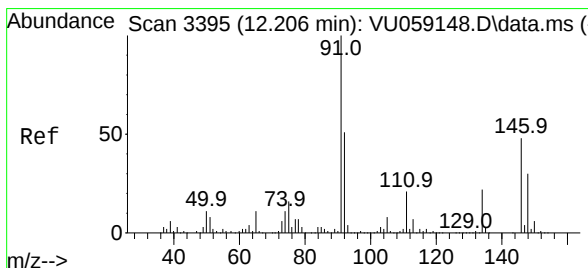
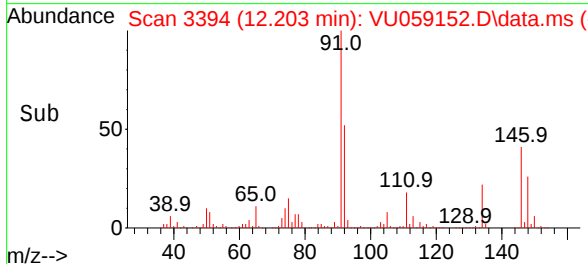
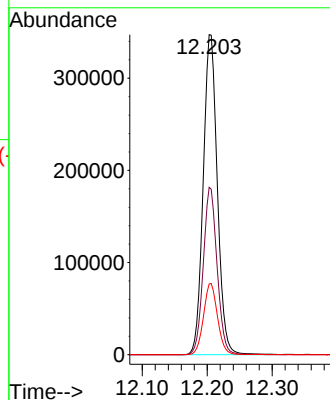
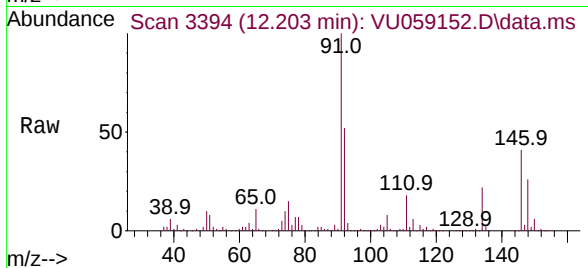
Tgt Ion: 91 Resp: 526130

Ion Ratio Lower Upper

91 100

92 51.1 40.7 61.1

134 22.1 17.6 26.4



#85

1,2-Dichlorobenzene

Concen: 10.283 ug/l

RT: 12.209 min Scan# 3396

Delta R.T. 0.003 min

Lab File: VU059152.D

Acq: 05 Jun 2024 15:13

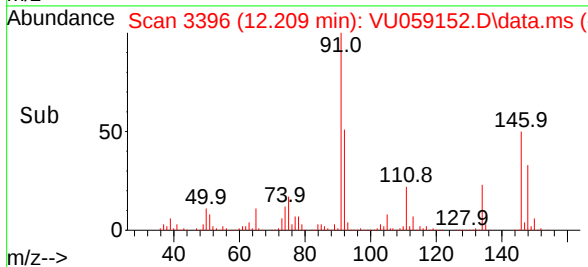
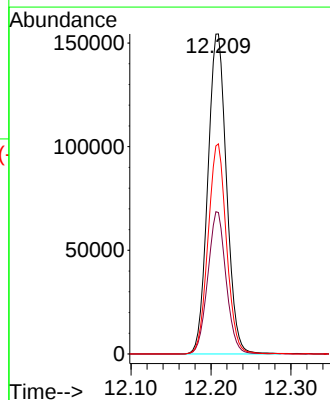
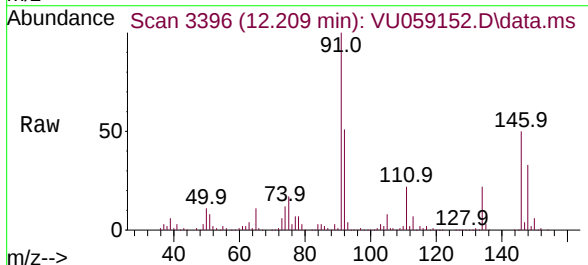
Tgt Ion:146 Resp: 251222

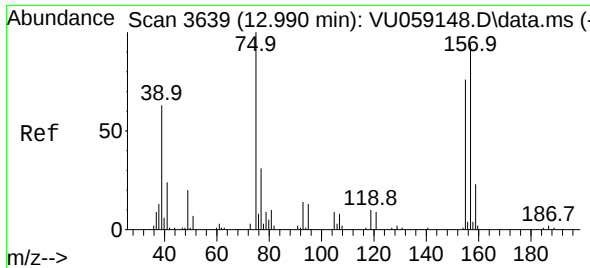
Ion Ratio Lower Upper

146 100

111 43.5 21.8 65.3

148 64.7 31.3 93.9

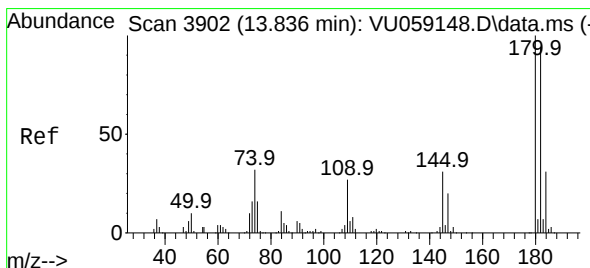
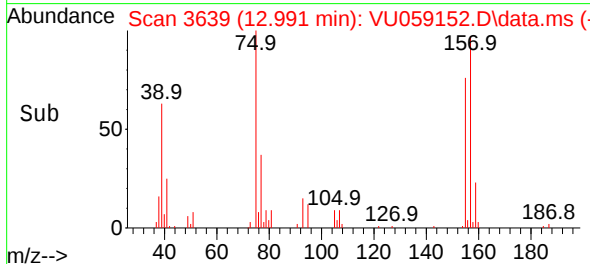
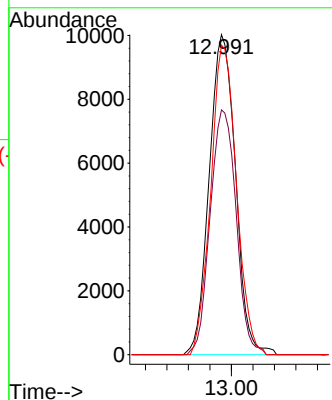
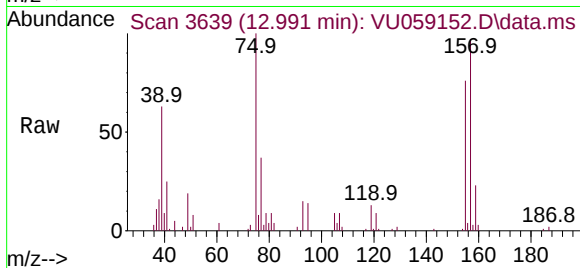




#86
1,2-Dibromo-3-Chloropropane
Concen: 9.932 ug/l
RT: 12.991 min Scan# 3639
Delta R.T. 0.000 min
Lab File: VU059152.D
Acq: 05 Jun 2024 15:13

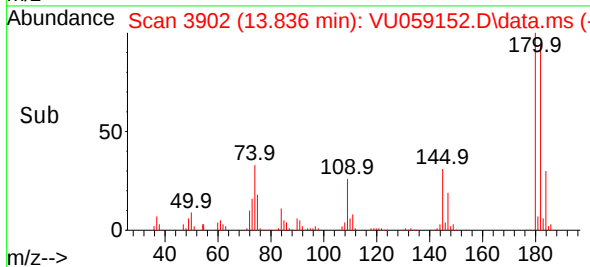
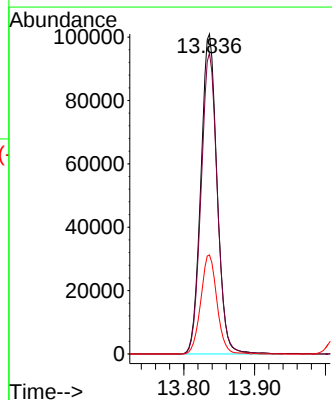
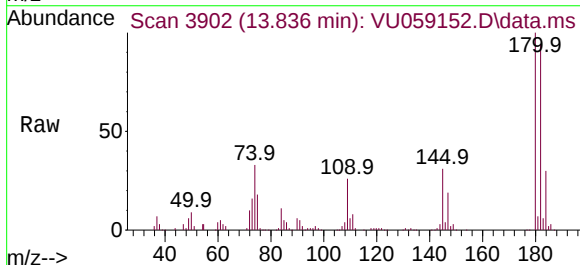
Instrument :
MSVOA_U
ClientSampleId :

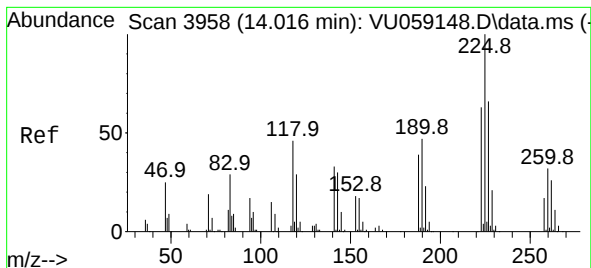
Tgt Ion: 75 Resp: 16969
Ion Ratio Lower Upper
75 100
155 75.6 61.2 91.8
157 94.7 75.8 113.6



#87
1,2,4-Trichlorobenzene
Concen: 12.252 ug/l
RT: 13.836 min Scan# 3902
Delta R.T. 0.000 min
Lab File: VU059152.D
Acq: 05 Jun 2024 15:13

Tgt Ion:180 Resp: 160233
Ion Ratio Lower Upper
180 100
182 94.1 75.7 113.5
145 30.8 24.6 36.8





#88

Hexachlorobutadiene

Concen: 10.288 ug/l

RT: 14.016 min Scan# 3958

Delta R.T. 0.000 min

Lab File: VU059152.D

Acq: 05 Jun 2024 15:13

Instrument :

MSVOA_U

ClientSampleId :

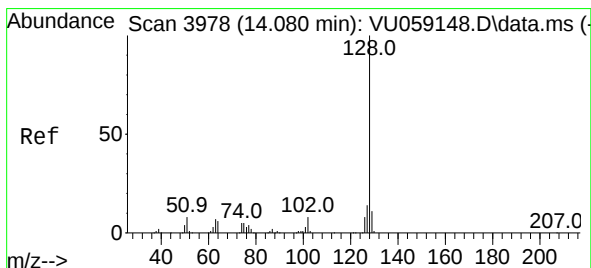
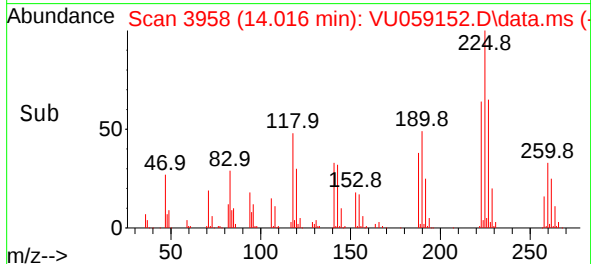
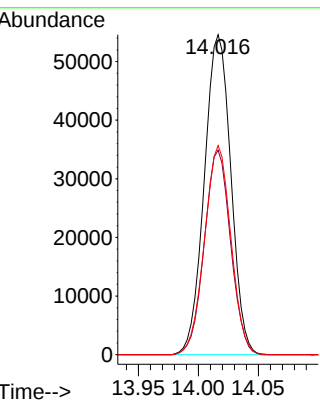
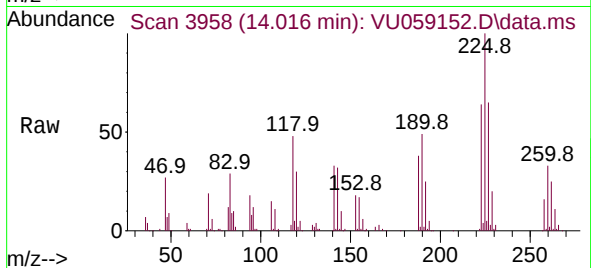
Tgt Ion:225 Resp: 83984

Ion Ratio Lower Upper

225 100

223 63.2 50.0 75.0

227 65.0 51.8 77.8



#89

Naphthalene

Concen: 11.605 ug/l

RT: 14.081 min Scan# 3978

Delta R.T. 0.000 min

Lab File: VU059152.D

Acq: 05 Jun 2024 15:13

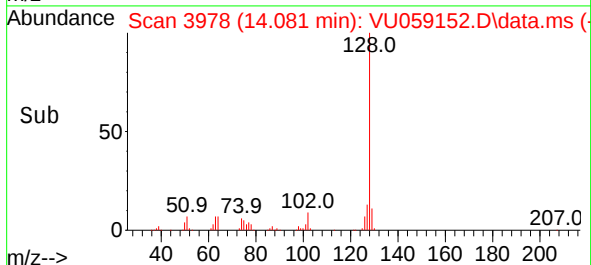
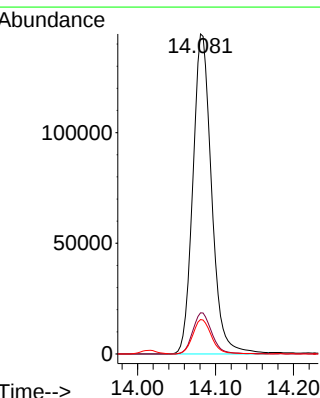
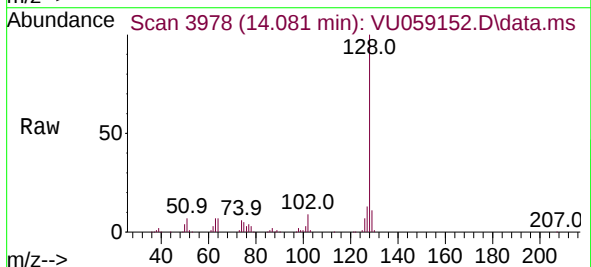
Tgt Ion:128 Resp: 240899

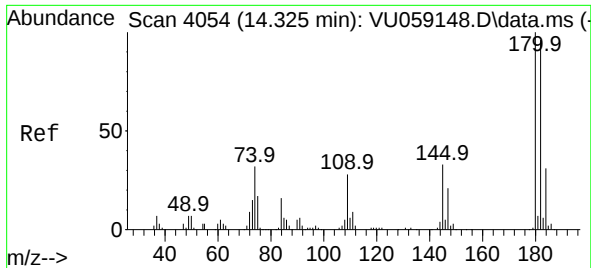
Ion Ratio Lower Upper

128 100

127 13.1 10.7 16.1

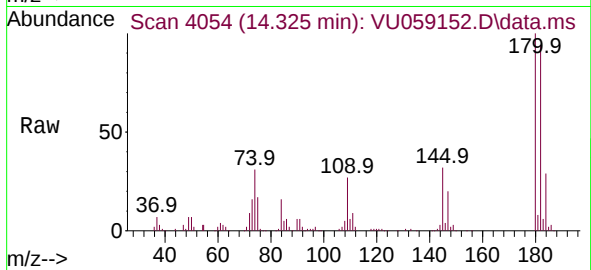
129 10.7 8.4 12.6





#90
 1,2,3-Trichlorobenzene
 Concen: 11.896 ug/l
 RT: 14.325 min Scan# 4054
 Delta R.T. 0.000 min
 Lab File: VU059152.D
 Acq: 05 Jun 2024 15:13

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:180 Resp: 141453

Ion	Ratio	Lower	Upper
180	100		
182	94.1	76.3	114.5
145	32.2	26.5	39.7

