

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060524\
 Data File : VU059158.D
 Acq On : 05 Jun 2024 19:14
 Operator : MD/SY
 Sample : P2403-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 06 04:03:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U060524DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jun 06 04:01:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.110	96	40758	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	12851	0.927	ug/l	0.00
Spiked Amount 1.000			Recovery	=	93.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	14061	0.969	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	10330	0.809	ug/l	95
3) Chloromethane	1.515	50	12641	0.822	ug/l	97
4) Vinyl Chloride	1.599	62	12653	0.814	ug/l	98
5) Bromomethane	1.853	94	7693	0.815	ug/l	93
6) Chloroethane	1.930	64	7990	0.800	ug/l	98
7) Trichlorofluoromethane	2.132	101	14464	0.750	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	8115	0.819	ug/l	99
9) 1,1-Dichloroethene	2.573	96	7592	0.773	ug/l	96
10) Iodomethane	2.714	142	8829	0.717	ug/l	96
11) Allyl Chloride	2.917	41	10817	0.815	ug/l	97
12) Acrylonitrile	3.338	53	3868	1.744	ug/l	# 71
13) Acetone	2.644	43	7863	2.330	ug/l	100
14) Carbon Disulfide	2.785	76	24960	0.798	ug/l	96
15) Methylene Chloride	3.039	84	20895	1.553	ug/l	96
16) trans-1,2-Dichloroethene	3.348	96	8557	0.799	ug/l	95
17) 1,1-Dichloroethane	3.862	63	18008	0.803	ug/l	97
18) 2-Butanone	4.734	43	10315	2.755	ug/l	92
19) Cyclohexane	5.380	56	11535	0.711	ug/l	95
20) Methylcyclohexane	6.759	83	11363	0.697	ug/l	98
21) 2,2-Dichloropropane	4.653	77	12080	0.728	ug/l	99
22) cis-1,2-Dichloroethene	4.666	96	8845	0.760	ug/l	99
23) Diethyl Ether	2.370	59	7480	0.813	ug/l	94
24) tert-Butyl Alcohol	3.184	59	490	0.778	ug/l	# 89
25) Methyl tert-Butyl Ether	3.358	73	19777	0.840	ug/l	96
26) Bromochloromethane	4.968	128	4051	0.824	ug/l	97
27) Chloroform	5.081	83	18036	0.800	ug/l	95
28) 1,1,1-Trichloroethane	5.309	97	14076	0.792	ug/l	98
29) 1,1-Dichloropropene	5.521	75	11233	0.754	ug/l	# 91
30) Carbon Tetrachloride	5.521	117	11421	0.783	ug/l	97
31) Isopropyl Ether	3.985	45	22179	0.754	ug/l	93
32) Ethyl-t-butyl ether	4.496	59	21854	0.798	ug/l	95
33) Tert-Amyl methyl ether	5.933	73	18392	0.761	ug/l	# 84
34) Propionitrile	4.814	54	1926	2.246	ug/l	# 81
35) Benzene	5.769	78	36490	0.779	ug/l	98
36) 1,2-Dichloroethane	5.788	62	11502	0.828	ug/l	99
37) Trichloroethene	6.541	130	8689	0.776	ug/l	96
38) 1,2-Dichloropropane	6.785	63	10309	0.775	ug/l	96
39) Methacrylonitrile	4.988	41	1286	0.402	ug/l	# 42
40) Methyl acrylate	4.821	55	180	0.032	ug/l	# 71
41) Tetrahydrofuran	5.071	42	1120	0.655	ug/l	# 44
42) 1-Chlorobutane	5.454	56	16025	0.778	ug/l	95
43) Dibromomethane	6.920	93	5196	0.862	ug/l	98
44) Bromodichloromethane	7.097	83	12812	0.821	ug/l	92

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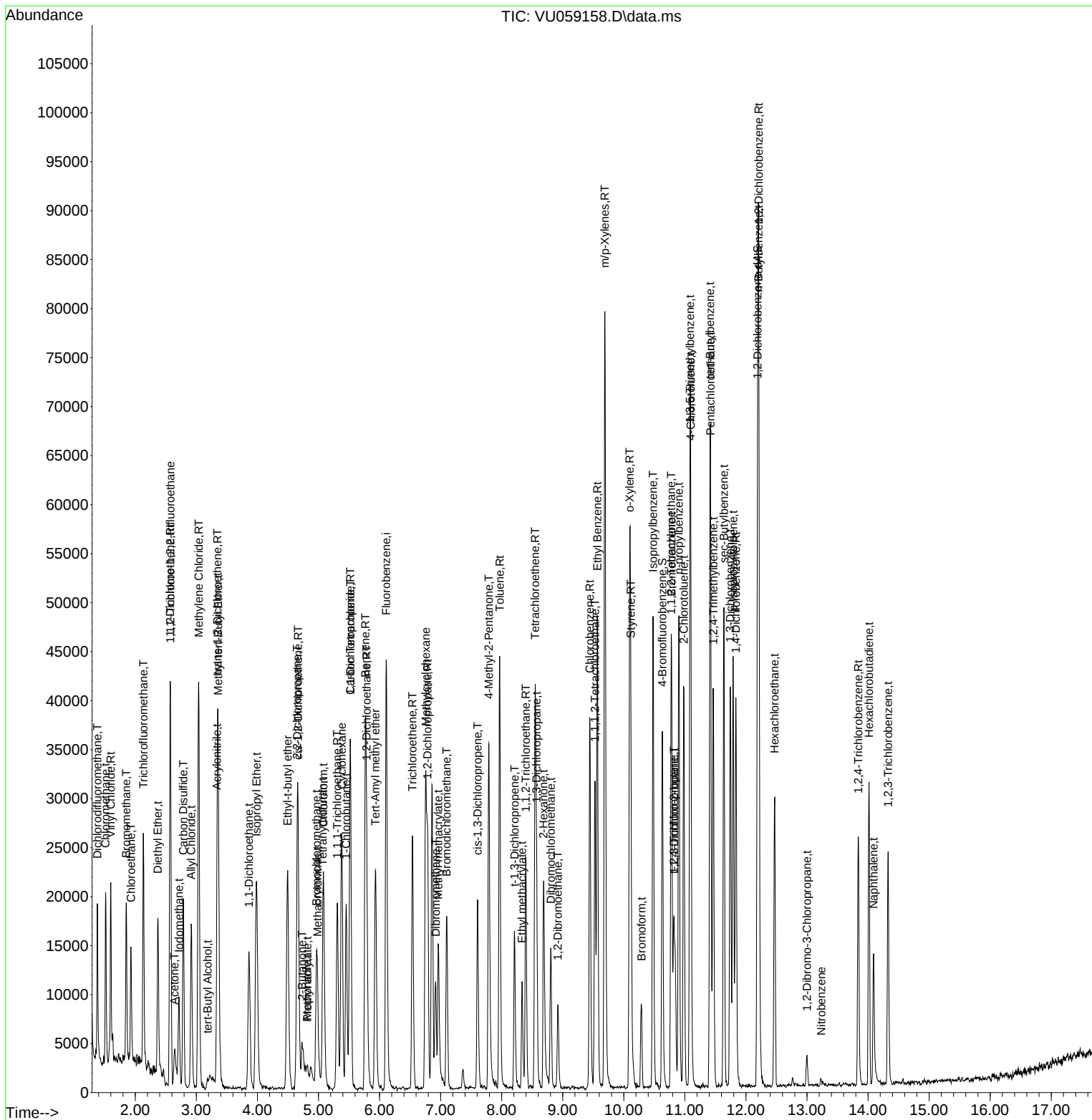
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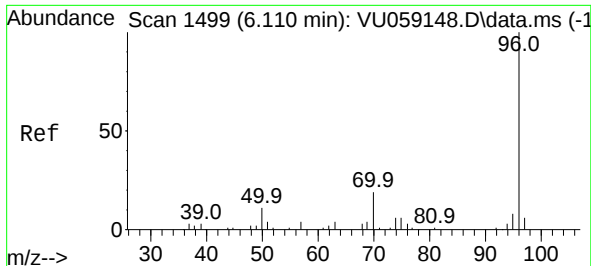
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jun 06 04:01:15 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.788	43	26059	4.035	ug/l #	92
46) t-1,4-Dichloro-2-butene	10.823	75	10454	3.814	ug/l #	41
47) Methyl methacrylate	6.962	69	7326	1.416	ug/l	93
48) Ethyl methacrylate	8.332	69	6589	0.721	ug/l	100
49) Toluene	7.968	92	19284	0.747	ug/l	96
50) t-1,3-Dichloropropene	8.209	75	9954	0.745	ug/l	94
51) cis-1,3-Dichloropropene	7.605	75	11841	0.724	ug/l #	91
52) 1,1,2-Trichloroethane	8.396	97	7283	0.818	ug/l	94
53) 1,3-Dichloropropane	8.573	76	12158	0.793	ug/l	97
54) 2-Hexanone	8.685	43	16415	3.278	ug/l	93
55) Dibromochloromethane	8.804	129	7426	0.771	ug/l	95
56) 1,2-Dibromoethane	8.920	107	6572	0.842	ug/l	96
58) Tetrachloroethene	8.550	164	8389	0.813	ug/l	95
59) Chlorobenzene	9.444	112	21885	0.775	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.531	131	7715	0.763	ug/l	97
61) Pentachloroethane	11.422	117	6101	0.778	ug/l	91
62) Hexachloroethane	12.470	117	6203	0.778	ug/l	92
63) Ethyl Benzene	9.566	91	33461	0.702	ug/l	97
64) m/p-Xylenes	9.688	106	24288	1.351	ug/l	94
65) o-Xylene	10.097	106	12095	0.682	ug/l	99
66) Styrene	10.116	104	18581	0.656	ug/l	97
67) Bromoform	10.290	173	4135	0.793	ug/l	94
69) Isopropylbenzene	10.479	105	30355	0.668	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.775	83	9425	0.842	ug/l	100
71) 1,2,3-Trichloropropane	10.823	75	10454	1.224	ug/l #	81
72) Bromobenzene	10.782	156	8306	0.763	ug/l	91
73) n-propylbenzene	10.901	120	8118	0.669	ug/l	97
74) 2-Chlorotoluene	10.984	126	7069	0.637	ug/l	85
75) 1,3,5-Trimethylbenzene	11.084	105	24512	0.638	ug/l	99
76) 4-Chlorotoluene	11.097	126	8022	0.691	ug/l	91
77) tert-Butylbenzene	11.415	119	24699	0.677	ug/l	99
78) 1,2,4-Trimethylbenzene	11.467	105	22459	0.579	ug/l	97
79) sec-Butylbenzene	11.640	105	32025	0.632	ug/l	96
80) Nitrobenzene	13.235	77	594	2.479	ug/l #	51
81) p-Isopropyltoluene	11.791	119	23580	0.607	ug/l	96
82) 1,3-Dichlorobenzene	11.743	146	17437	0.756	ug/l	100
83) 1,4-Dichlorobenzene	11.836	146	15728	0.682	ug/l	92
84) n-Butylbenzene	12.206	91	21259	0.582	ug/l	98
85) 1,2-Dichlorobenzene	12.209	146	16458	0.756	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	13.000	75	1238	0.813	ug/l	89
87) 1,2,4-Trichlorobenzene	13.843	180	8393	0.720	ug/l	99
88) Hexachlorobutadiene	14.016	225	5352	0.735	ug/l	96
89) Naphthalene	14.090	128	13815	0.747	ug/l	97
90) 1,2,3-Trichlorobenzene	14.328	180	8128	0.767	ug/l	99

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

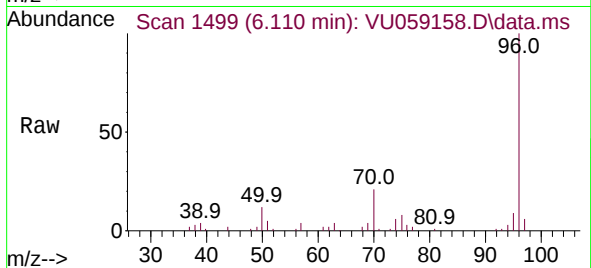
Quant Time: Jun 06 04:03:12 2024
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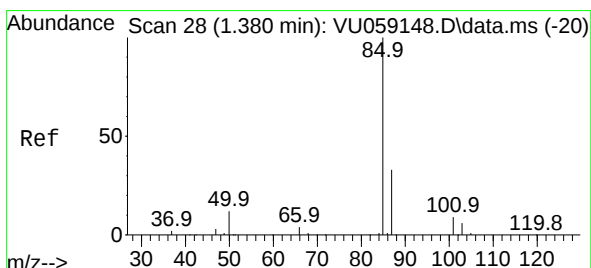
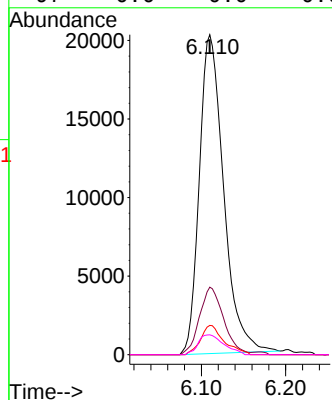
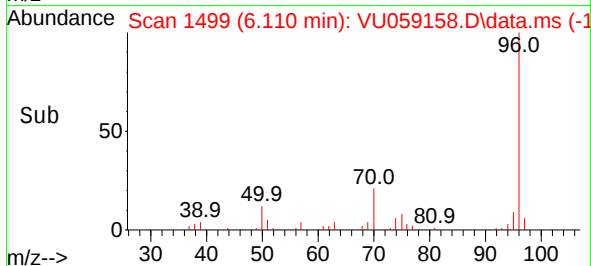


#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 1499
Delta R.T. -0.000 min
Lab File: VU059158.D
Acq: 05 Jun 2024 19:14

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MSVOA_U
ClientSampleId :

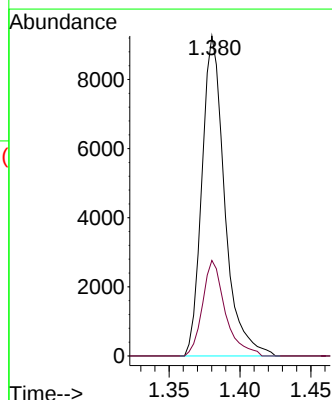
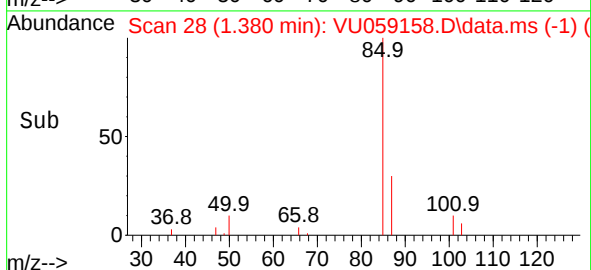
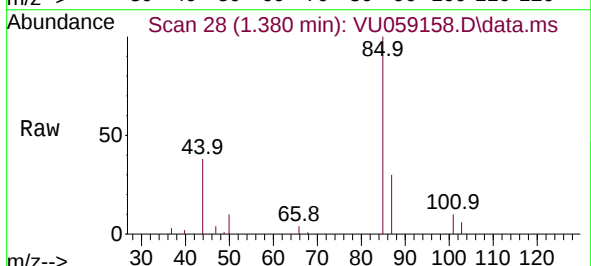


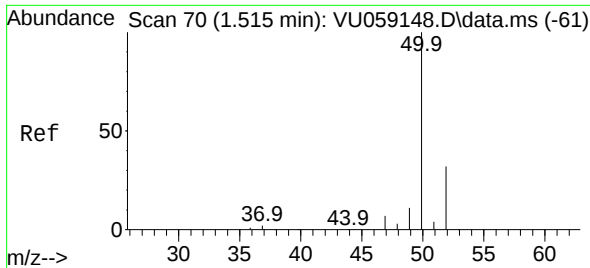
Tgt Ion: 96	Resp: 40758
Ion Ratio	Lower Upper
96 100	
70 20.1	16.6 24.8
95 8.9	7.1 10.7
97 6.6	0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 0.809 ug/l
RT: 1.380 min Scan# 28
Delta R.T. 0.000 min
Lab File: VU059158.D
Acq: 05 Jun 2024 19:14

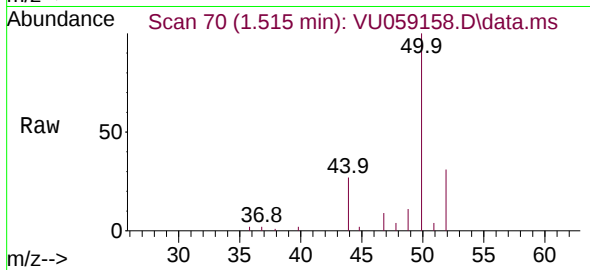
Tgt Ion: 85	Resp: 10330
Ion Ratio	Lower Upper
85 100	
87 29.8	16.3 48.9



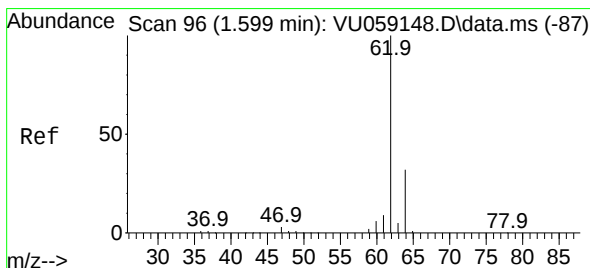
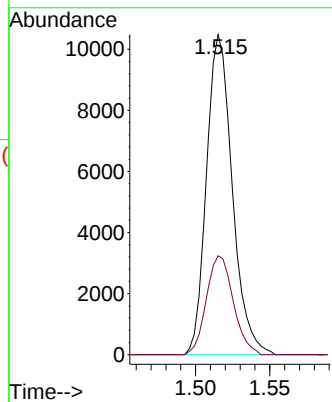
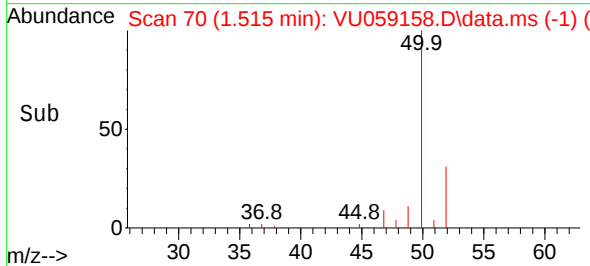


#3
Chloromethane
Concen: 0.822 ug/l
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU059158.D
Acq: 05 Jun 2024 19:14

Instrument :
MSVOA_U
ClientSampleId :

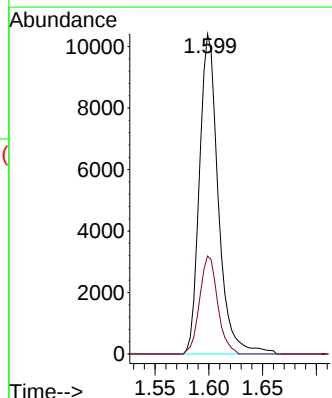
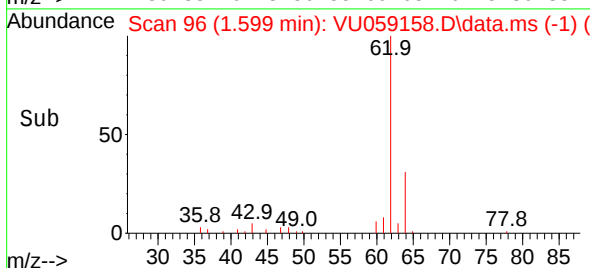
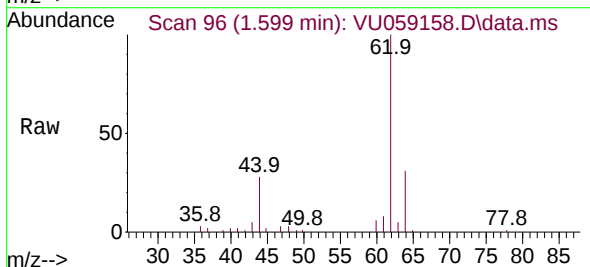


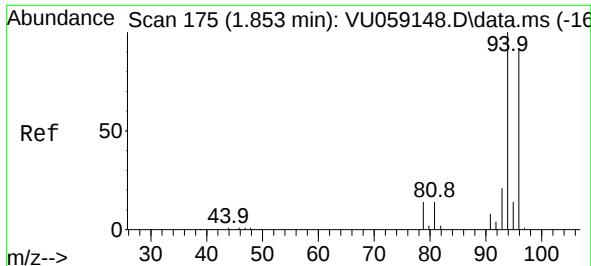
Tgt Ion: 50 Resp: 12641
Ion Ratio Lower Upper
50 100
52 30.9 26.0 39.0



#4
Vinyl Chloride
Concen: 0.814 ug/l
RT: 1.599 min Scan# 96
Delta R.T. 0.000 min
Lab File: VU059158.D
Acq: 05 Jun 2024 19:14

Tgt Ion: 62 Resp: 12653
Ion Ratio Lower Upper
62 100
64 30.6 25.2 37.8

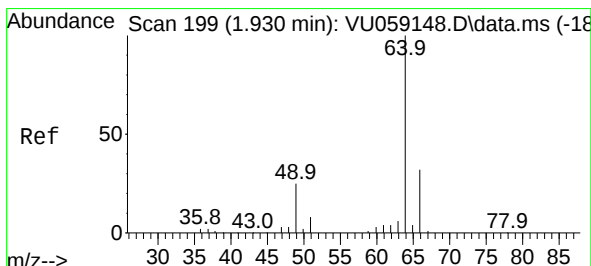
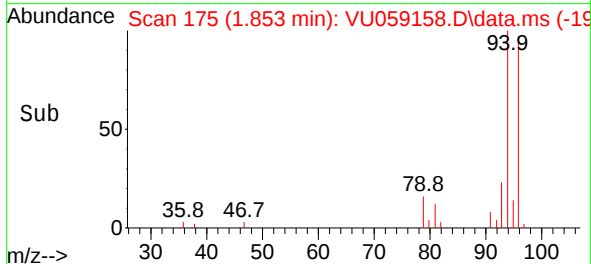
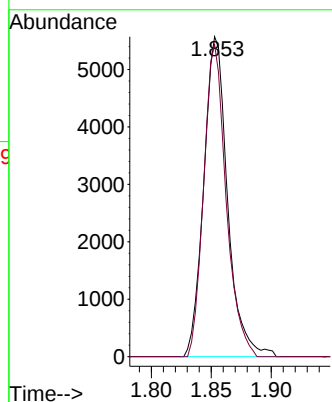
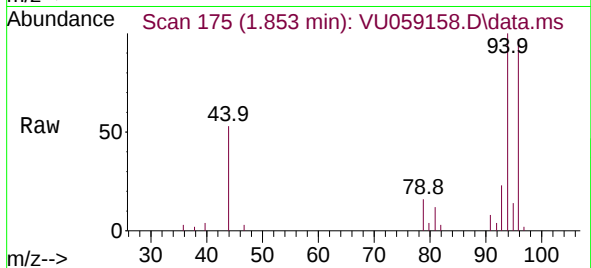




#5
Bromomethane
Concen: 0.815 ug/l
RT: 1.853 min Scan# 175
Delta R.T. 0.000 min
Lab File: VU059158.D
Acq: 05 Jun 2024 19:14

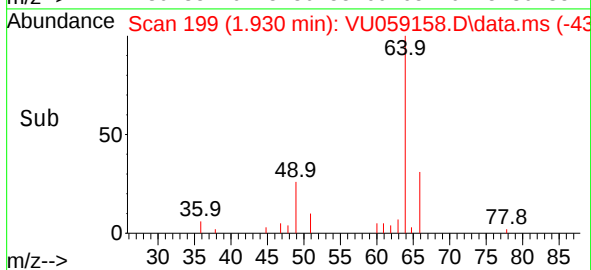
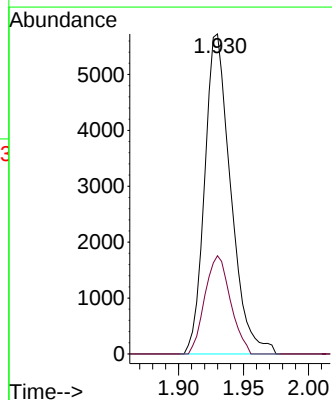
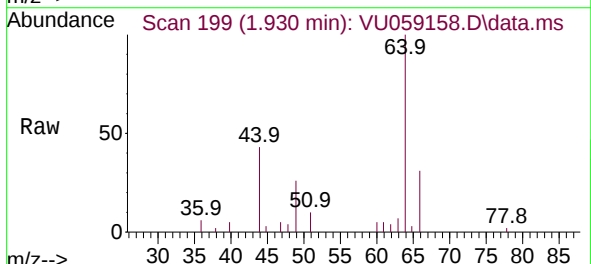
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ClientSampleId :

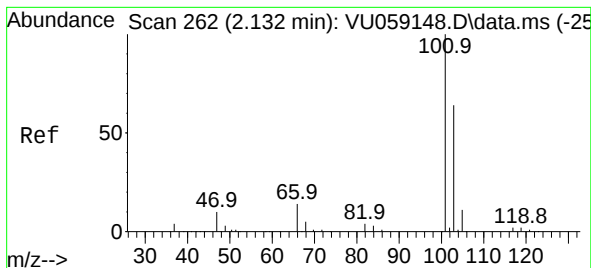
Tgt Ion: 94 Resp: 7693
Ion Ratio Lower Upper
94 100
96 97.5 72.7 109.1



#6
Chloroethane
Concen: 0.800 ug/l
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU059158.D
Acq: 05 Jun 2024 19:14

Tgt Ion: 64 Resp: 7990
Ion Ratio Lower Upper
64 100
66 30.7 25.5 38.3





#7

Trichlorofluoromethane

Concen: 0.750 ug/l

RT: 2.132 min Scan# 2

Delta R.T. 0.000 min

Lab File: VU059158.D

Acq: 05 Jun 2024 19:14

Instrument :

MSVOA_U

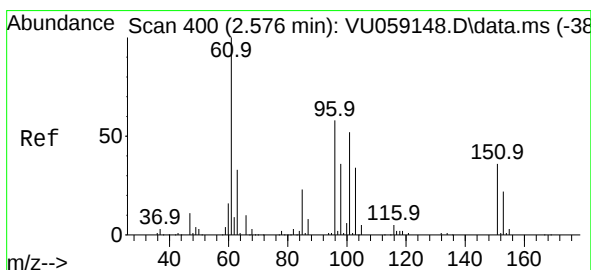
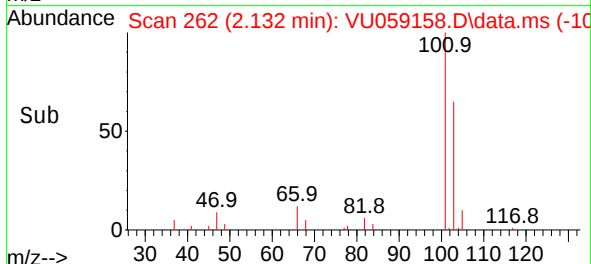
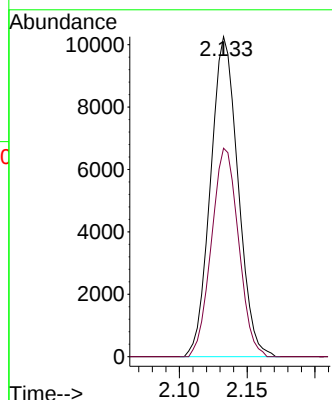
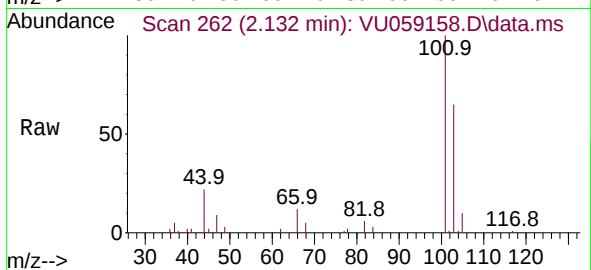
ClientSampleId :

Tgt Ion:101 Resp: 14464

Ion Ratio Lower Upper

101 100

103 65.1 51.1 76.7



#8

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

Concen: 0.819 ug/l

RT: 2.576 min Scan# 400

Delta R.T. 0.000 min

Lab File: VU059158.D

Acq: 05 Jun 2024 19:14

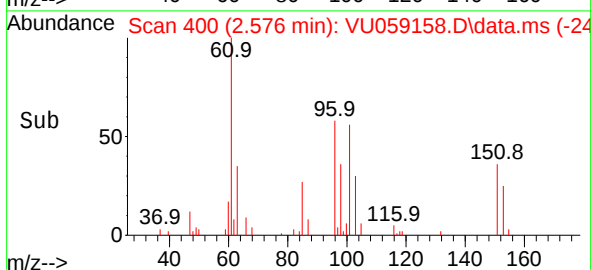
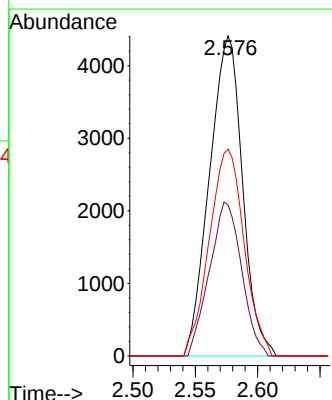
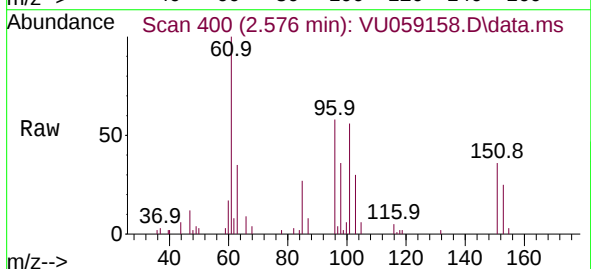
Tgt Ion:101 Resp: 8115

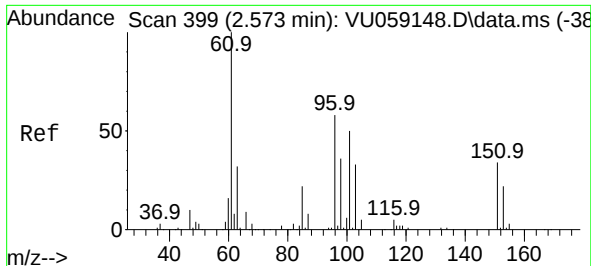
Ion Ratio Lower Upper

101 100

85 46.9 36.1 54.1

151 68.4 55.0 82.6

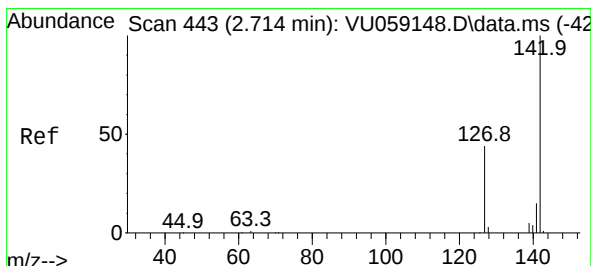
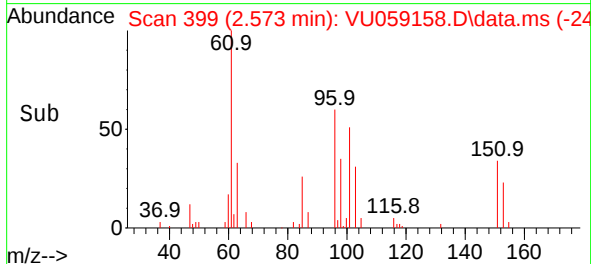
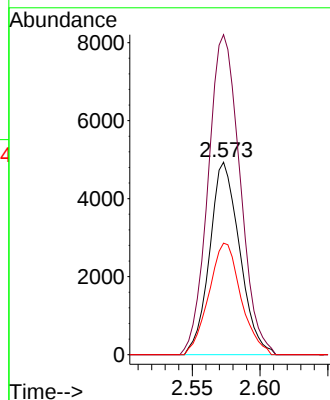
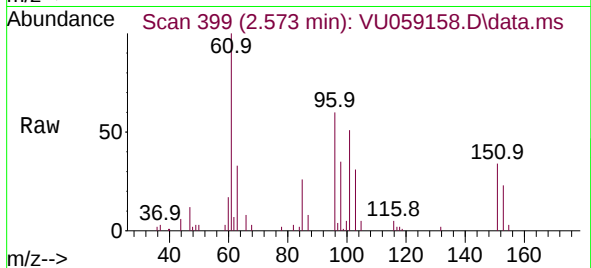




#9
1,1-Dichloroethene
Concen: 0.773 ug/l
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU059158.D
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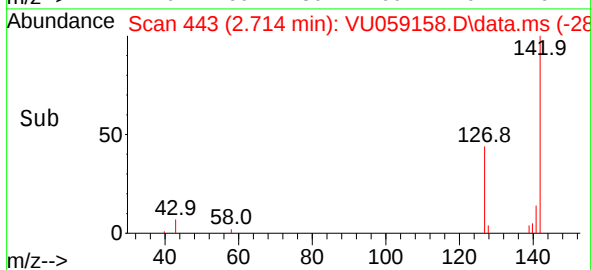
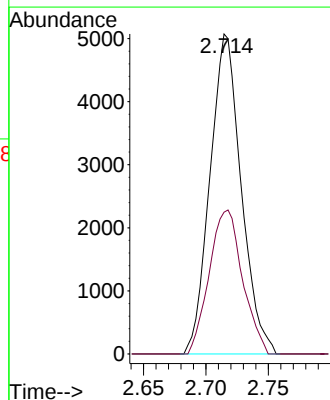
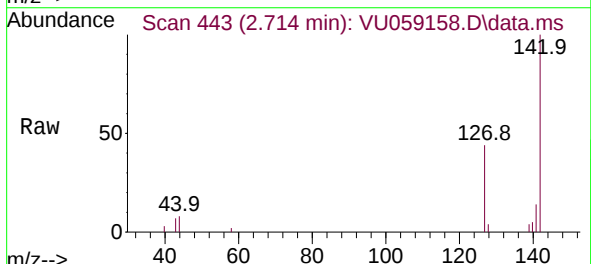
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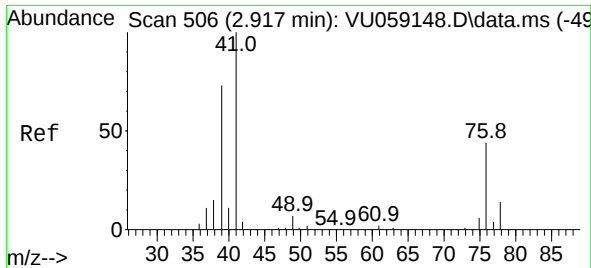
Tgt Ion: 96 Resp: 7592
Ion Ratio Lower Upper
96 100
61 166.3 0.0 515.4
98 58.0 0.0 124.4



#10
Iodomethane
Concen: 0.717 ug/l
RT: 2.714 min Scan# 443
Delta R.T. 0.000 min
Lab File: VU059158.D
Acq: 05 Jun 2024 19:14

Tgt Ion: 142 Resp: 8829
Ion Ratio Lower Upper
142 100
127 47.9 36.2 54.4





#11

Allyl Chloride

Concen: 0.815 ug/l

RT: 2.917 min Scan# 506

Delta R.T. 0.000 min

Lab File: VU059158.D

Acq: 05 Jun 2024 19:14

Instrument :

MSVOA_U

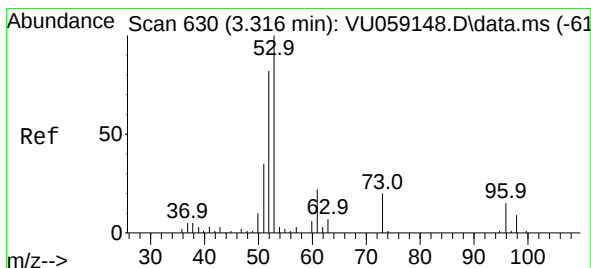
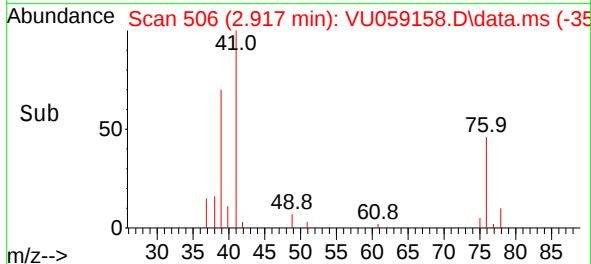
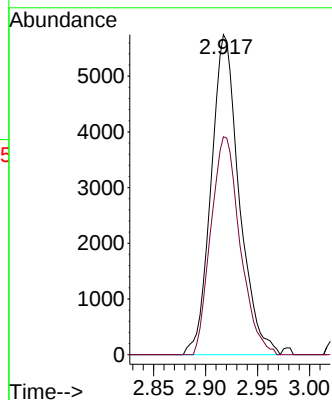
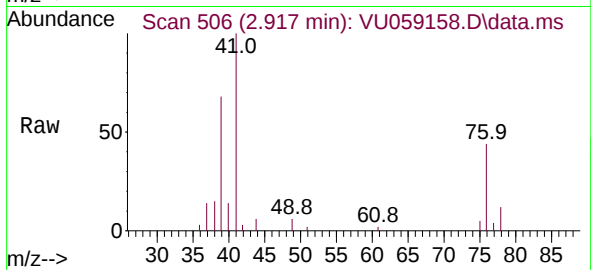
ClientSampleId :

Tgt Ion: 41 Resp: 10817

Ion Ratio Lower Upper

41 100

39 70.5 58.1 87.1



#12

Acrylonitrile

Concen: 1.744 ug/l

RT: 3.338 min Scan# 637

Delta R.T. 0.023 min

Lab File: VU059158.D

Acq: 05 Jun 2024 19:14

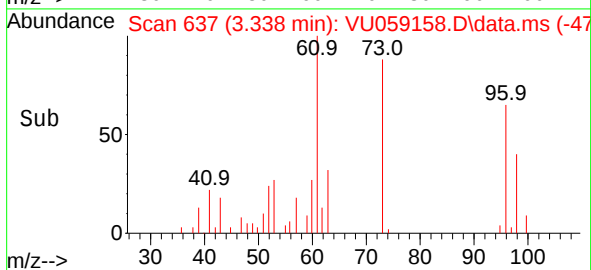
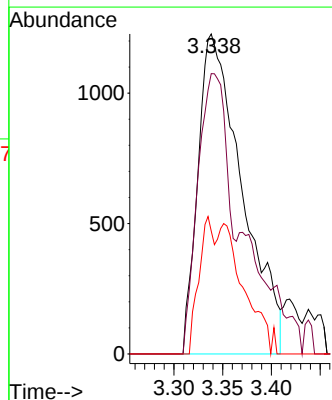
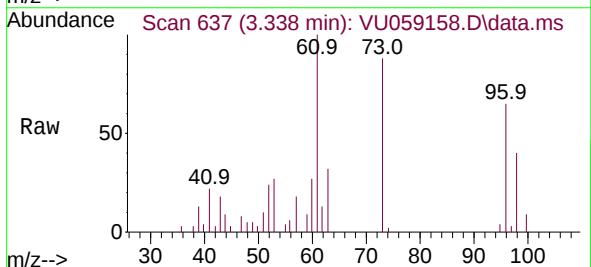
Tgt Ion: 53 Resp: 3868

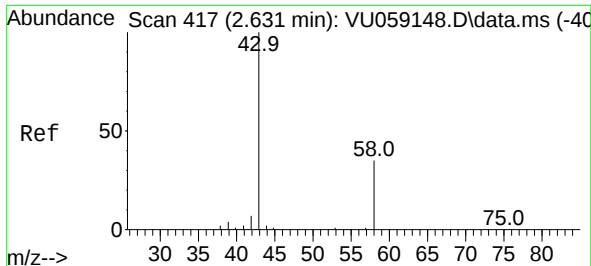
Ion Ratio Lower Upper

53 100

52 60.7 64.2 96.4#

51 14.8 33.0 49.4#





#13

Acetone

Concen: 2.330 ug/l

RT: 2.644 min Scan# 41

Delta R.T. 0.013 min

Lab File: VU059158.D

Acq: 05 Jun 2024 19:14

Instrument :

MSVOA_U

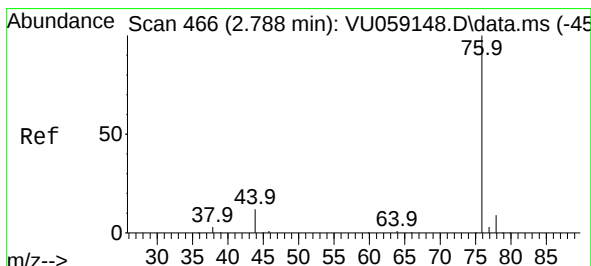
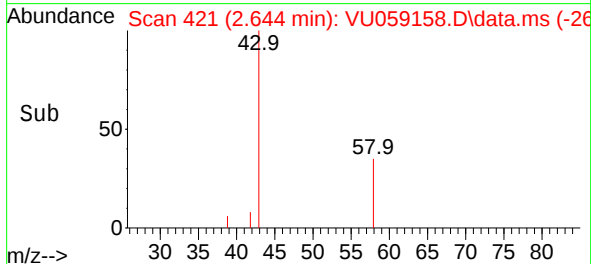
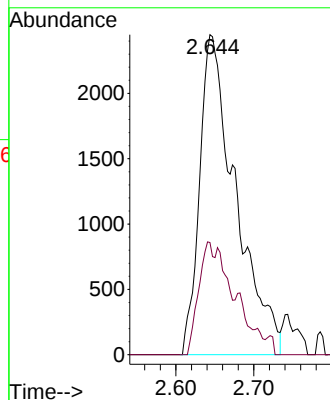
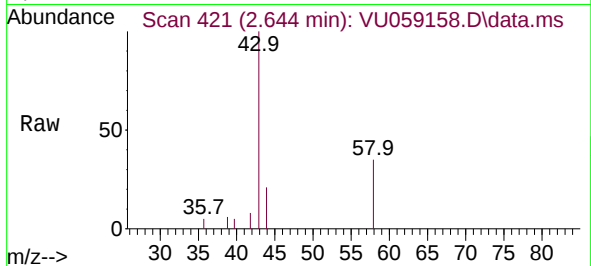
ClientSampleId :

Tgt Ion: 43 Resp: 7863

Ion Ratio Lower Upper

43 100

58 35.1 27.9 41.9



#14

Carbon Disulfide

Concen: 0.798 ug/l

RT: 2.785 min Scan# 465

Delta R.T. -0.003 min

Lab File: VU059158.D

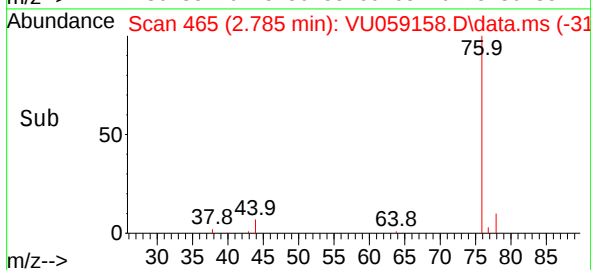
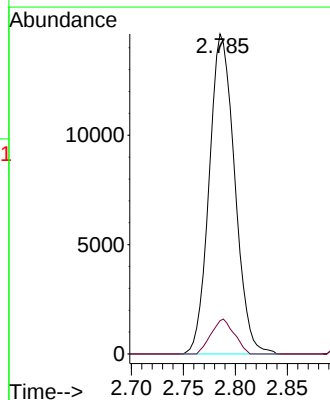
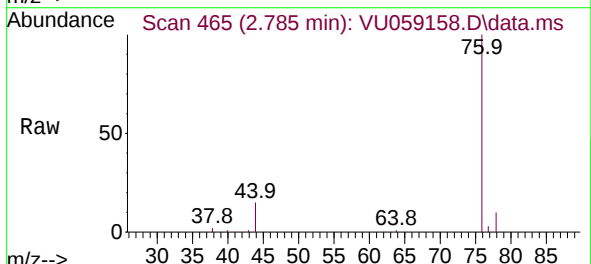
Acq: 05 Jun 2024 19:14

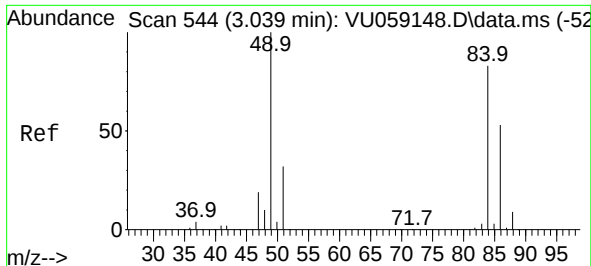
Tgt Ion: 76 Resp: 24960

Ion Ratio Lower Upper

76 100

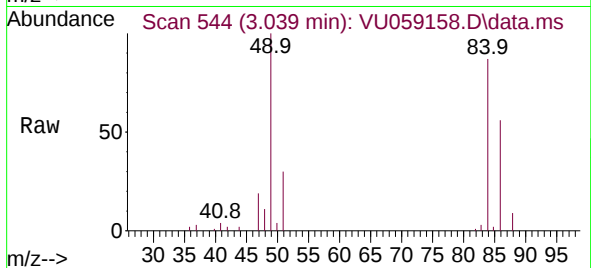
78 10.4 7.3 10.9



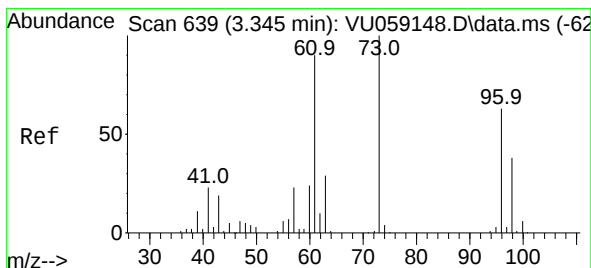
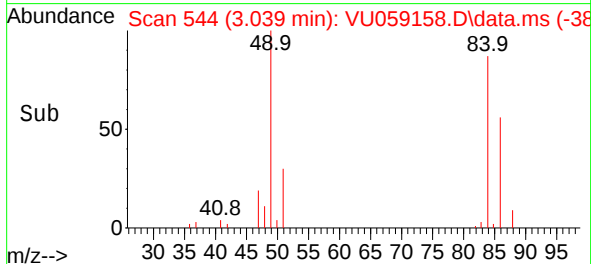
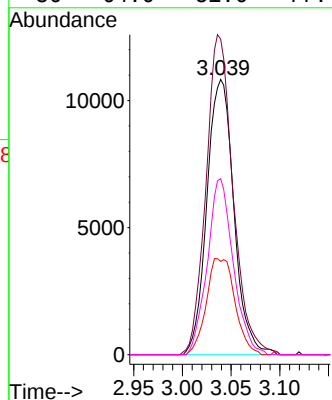


#15
Methylene Chloride
Concen: 1.553 ug/l
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU059158.D
Acq: 05 Jun 2024 19:14

Instrument :
MSVOA_U
ClientSampleId :

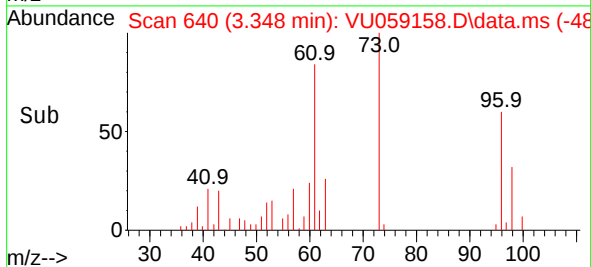
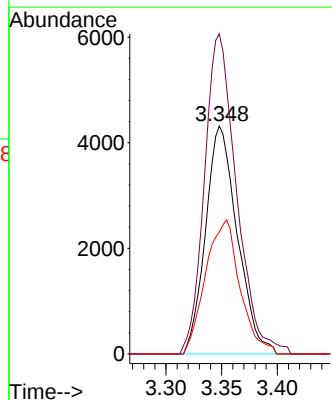
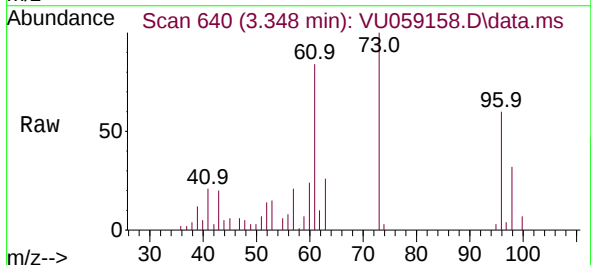


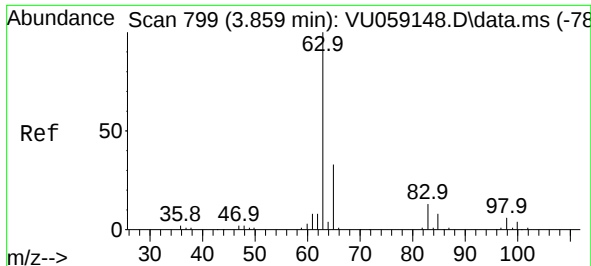
Tgt Ion	84	Resp:	20895
Ion	Ratio	Lower	Upper
84	100		
49	114.7	96.7	145.1
51	33.9	0.0	76.8
86	64.0	51.6	77.4



#16
trans-1,2-Dichloroethene
Concen: 0.799 ug/l
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU059158.D
Acq: 05 Jun 2024 19:14

Tgt Ion	96	Resp:	8557
Ion	Ratio	Lower	Upper
96	100		
61	140.3	114.8	172.2
98	53.5	48.8	73.2

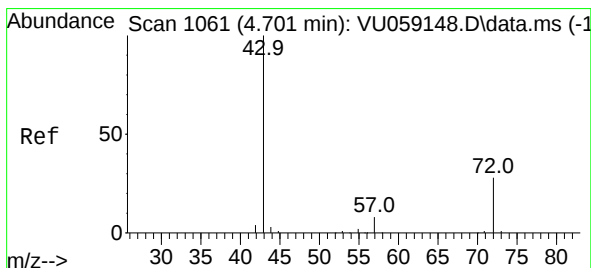
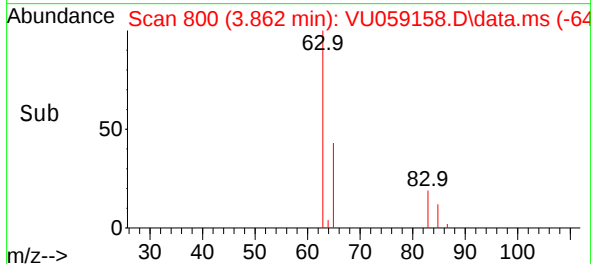
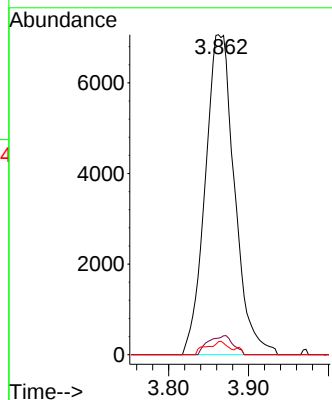
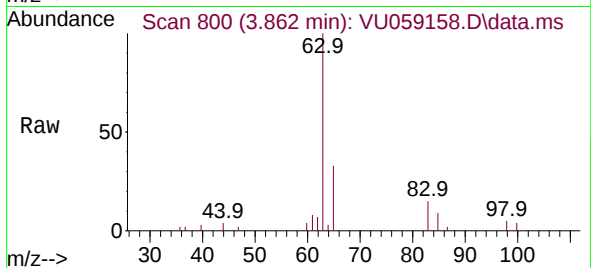




#17
1,1-Dichloroethane
Concen: 0.803 ug/l
RT: 3.862 min Scan# 80
Delta R.T. 0.003 min
Lab File: VU059158.D
Acq: 05 Jun 2024 19:14

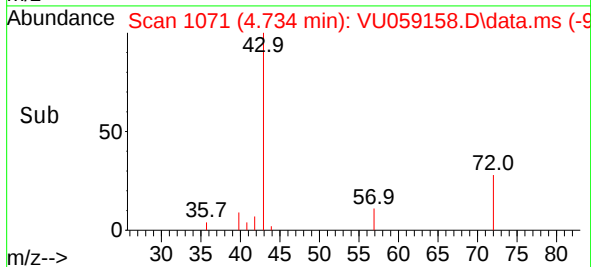
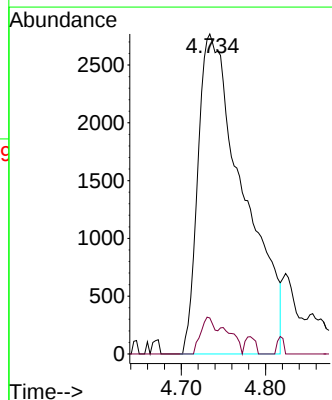
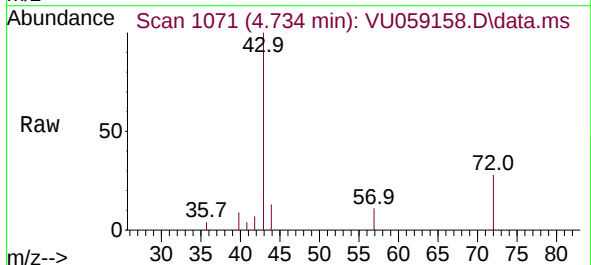
Instrument :
MSVOA_U
ClientSampleId :

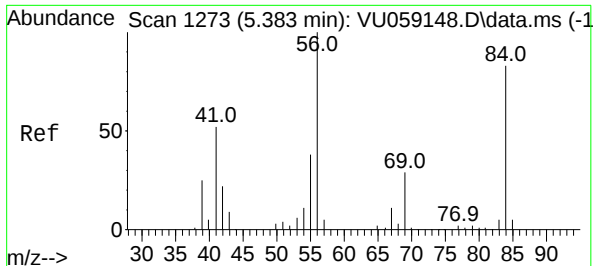
Tgt Ion: 63 Resp: 18008
Ion Ratio Lower Upper
63 100
98 5.1 3.2 9.6
100 4.0 2.1 6.5



#18
2-Butanone
Concen: 2.755 ug/l
RT: 4.734 min Scan# 1071
Delta R.T. 0.032 min
Lab File: VU059158.D
Acq: 05 Jun 2024 19:14

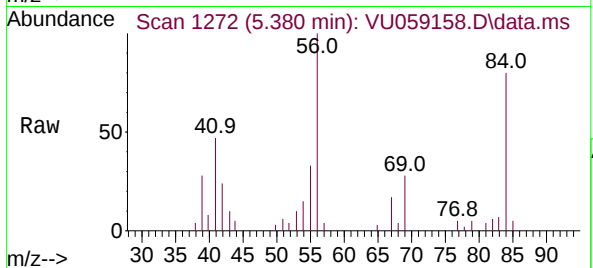
Tgt Ion: 43 Resp: 10315
Ion Ratio Lower Upper
43 100
57 11.3 0.0 16.8



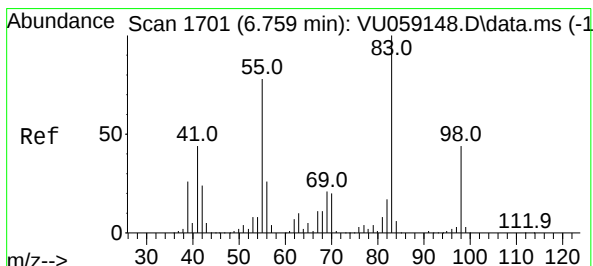
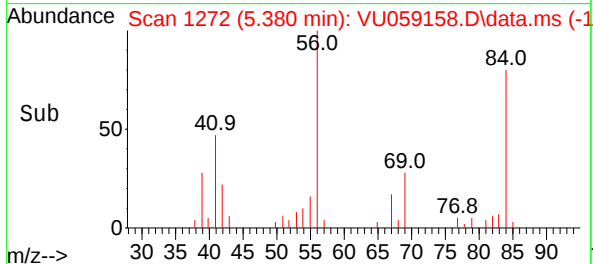
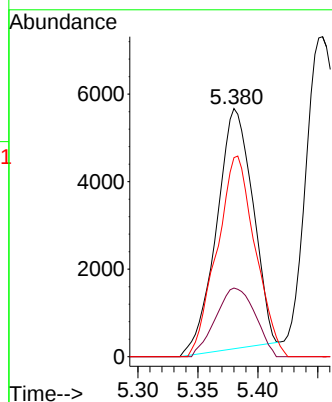


#19
Cyclohexane
Concen: 0.711 ug/l
RT: 5.380 min Scan# 1273
Delta R.T. -0.003 min
Lab File: VU059158.D
Acq: 05 Jun 2024 19:14

Instrument :
MSVOA_U
ClientSampleId :

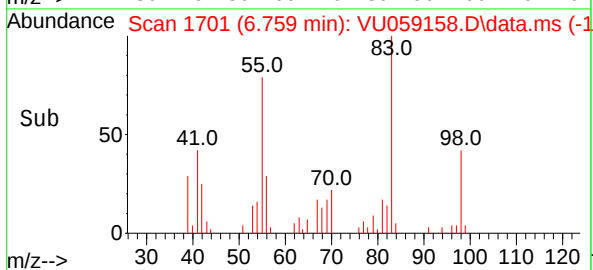
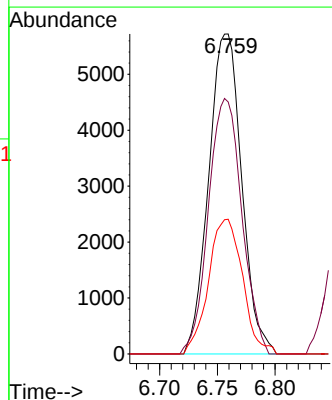
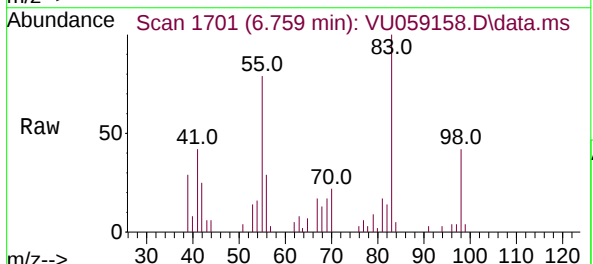


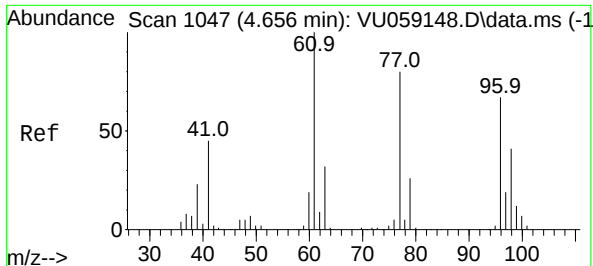
Tgt Ion:	56	Resp:	11535
Ion Ratio	Lower	Upper	
56	100		
69	31.1	23.5	35.3
84	88.0	66.5	99.7



#20
Methylcyclohexane
Concen: 0.697 ug/l
RT: 6.759 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VU059158.D
Acq: 05 Jun 2024 19:14

Tgt Ion:	83	Resp:	11363
Ion Ratio	Lower	Upper	
83	100		
55	81.0	62.7	94.1
98	43.5	35.1	52.7

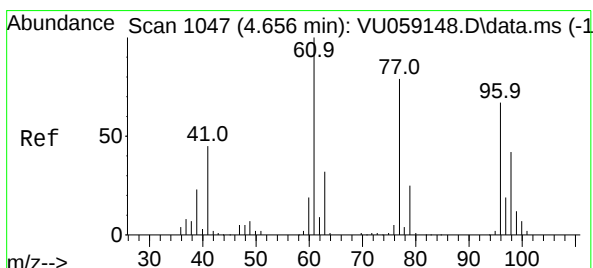
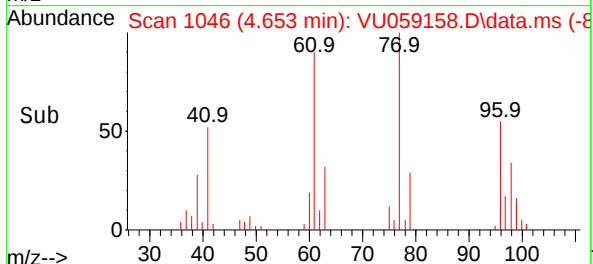
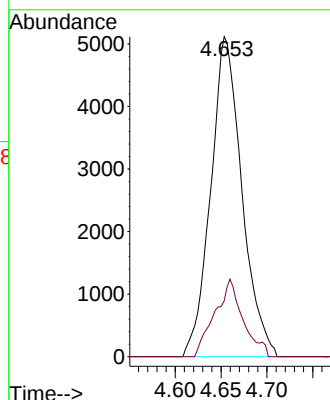
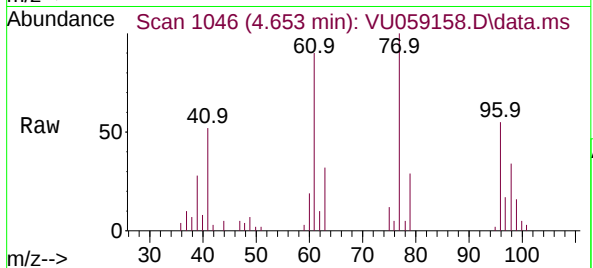




#21
2,2-Dichloropropane
Concen: 0.728 ug/l
RT: 4.653 min Scan# 1050
Delta R.T. -0.003 min
Lab File: VU059158.D
Acq: 05 Jun 2024 19:14

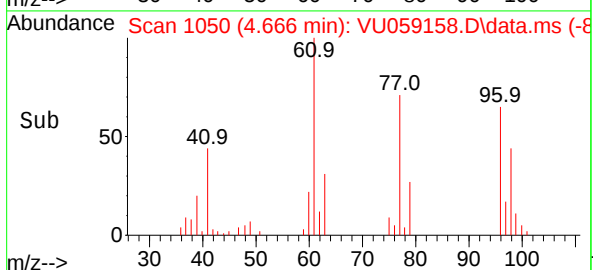
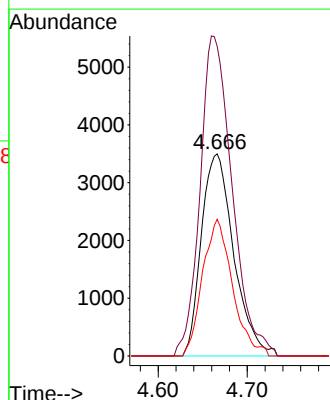
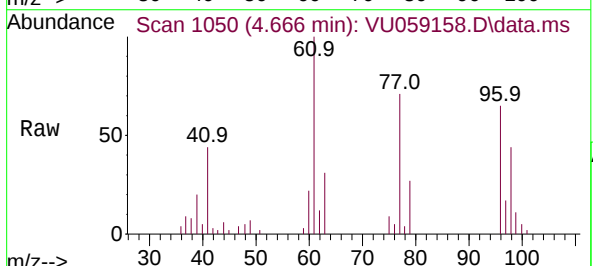
Instrument :
MSVOA_U
ClientSampleId :

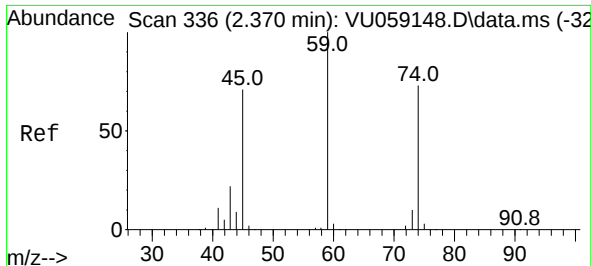
Tgt Ion: 77 Resp: 12080
Ion Ratio Lower Upper
77 100
97 21.9 18.1 27.1



#22
cis-1,2-Dichloroethene
Concen: 0.760 ug/l
RT: 4.666 min Scan# 1050
Delta R.T. 0.010 min
Lab File: VU059158.D
Acq: 05 Jun 2024 19:14

Tgt Ion: 96 Resp: 8845
Ion Ratio Lower Upper
96 100
61 156.6 0.0 388.5
98 62.5 31.8 95.3





#23

Diethyl Ether

Concen: 0.813 ug/l

RT: 2.370 min Scan# 336

Delta R.T. 0.000 min

Lab File: VU059158.D

Acq: 05 Jun 2024 19:14

Instrument :

MSVOA_U

ClientSampleId :

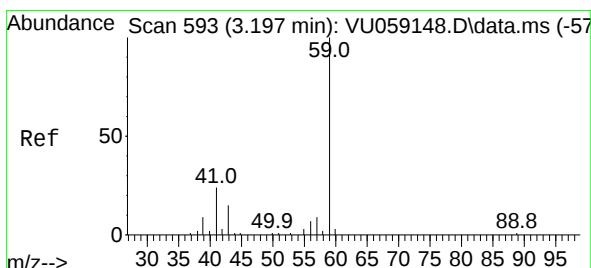
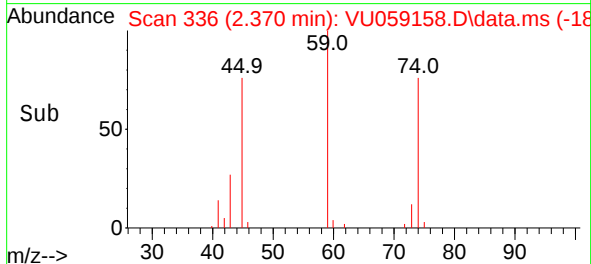
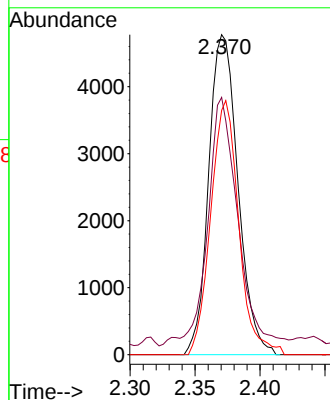
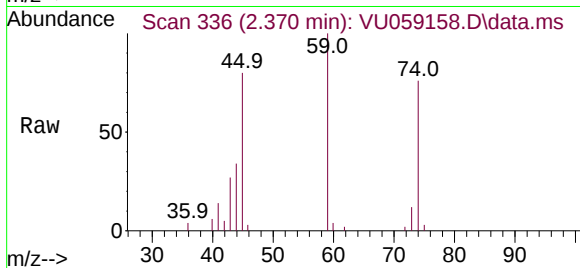
Tgt Ion: 59 Resp: 7480

Ion Ratio Lower Upper

59 100

45 79.7 58.8 88.2

74 76.1 58.0 87.0



#24

tert-Butyl Alcohol

Concen: 0.778 ug/l

RT: 3.184 min Scan# 589

Delta R.T. -0.013 min

Lab File: VU059158.D

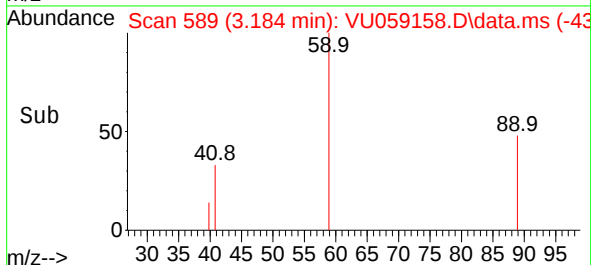
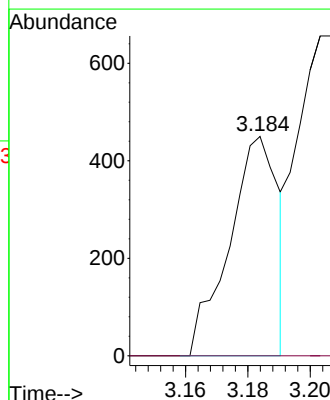
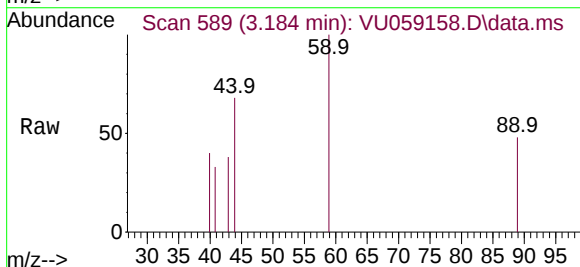
Acq: 05 Jun 2024 19:14

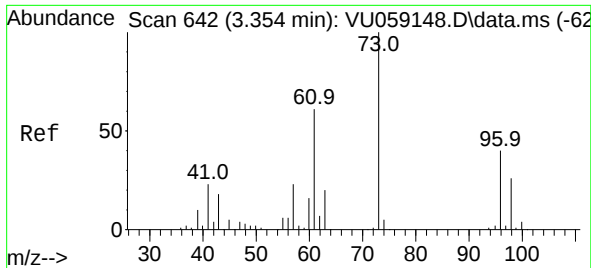
Tgt Ion: 59 Resp: 490

Ion Ratio Lower Upper

59 100

57 0.0 2.9 4.3#





#25

Methyl tert-Butyl Ether

Concen: 0.840 ug/l

RT: 3.358 min Scan# 642

Delta R.T. 0.003 min

Lab File: VU059158.D

Acq: 05 Jun 2024 19:14

Instrument :

MSVOA_U

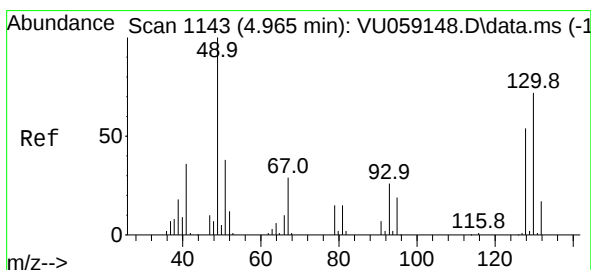
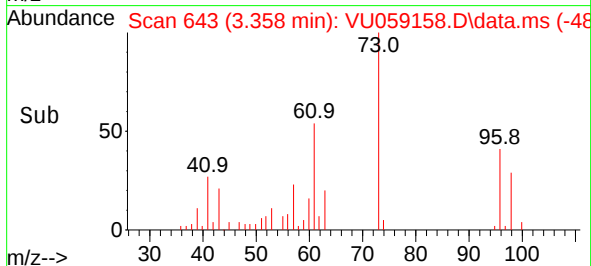
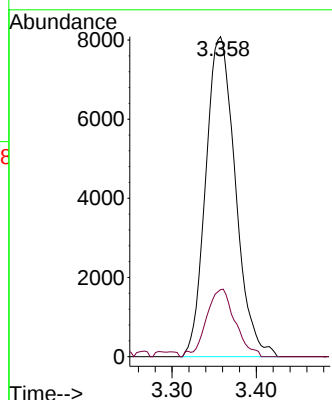
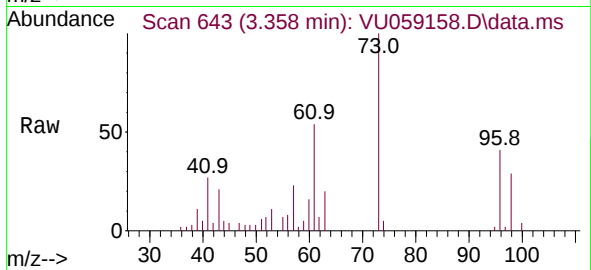
ClientSampleId :

Tgt Ion: 73 Resp: 19777

Ion Ratio Lower Upper

73 100

43 20.4 15.0 22.6



#26

Bromochloromethane

Concen: 0.824 ug/l

RT: 4.968 min Scan# 1144

Delta R.T. 0.003 min

Lab File: VU059158.D

Acq: 05 Jun 2024 19:14

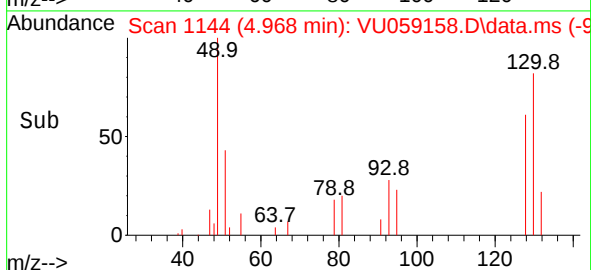
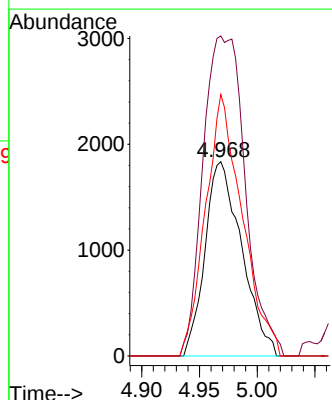
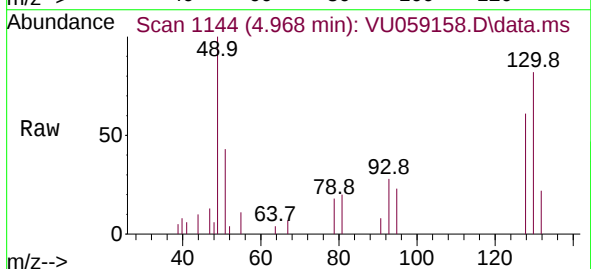
Tgt Ion: 128 Resp: 4051

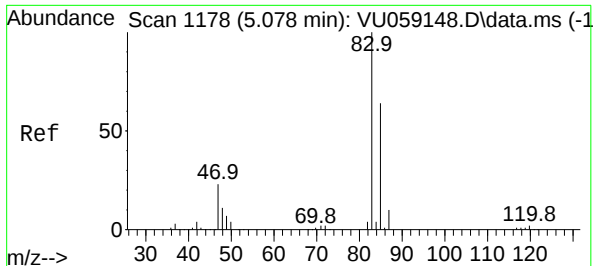
Ion Ratio Lower Upper

128 100

49 189.6 0.0 371.2

130 134.8 104.1 156.1





#27

Chloroform

Concen: 0.800 ug/l

RT: 5.081 min Scan# 1178

Delta R.T. 0.003 min

Lab File: VU059158.D

Acq: 05 Jun 2024 19:14

Instrument :

MSVOA_U

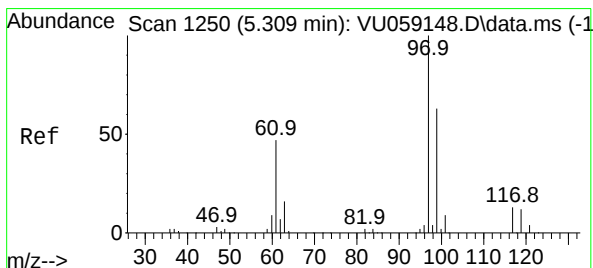
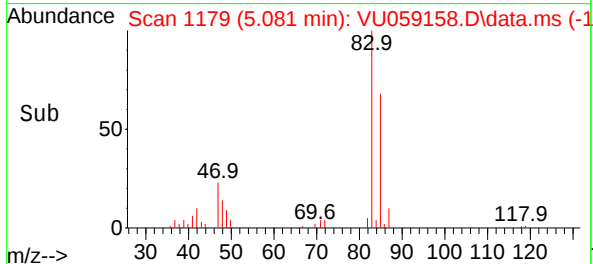
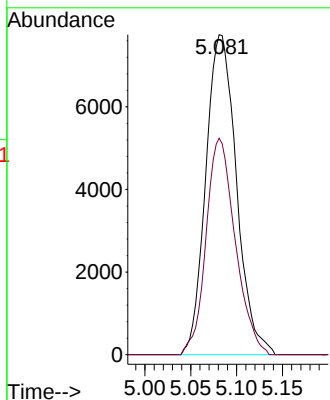
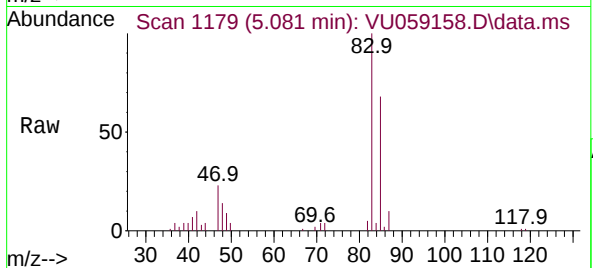
ClientSampleId :

Tgt Ion: 83 Resp: 18036

Ion Ratio Lower Upper

83 100

85 67.7 0.0 127.2



#28

1,1,1-Trichloroethane

Concen: 0.792 ug/l

RT: 5.309 min Scan# 1250

Delta R.T. 0.000 min

Lab File: VU059158.D

Acq: 05 Jun 2024 19:14

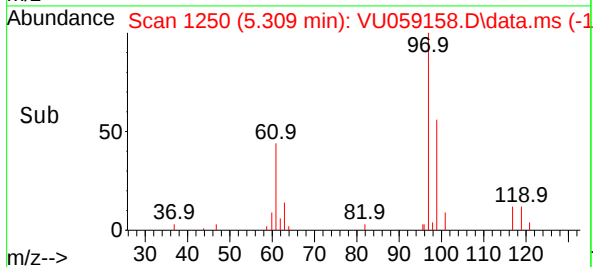
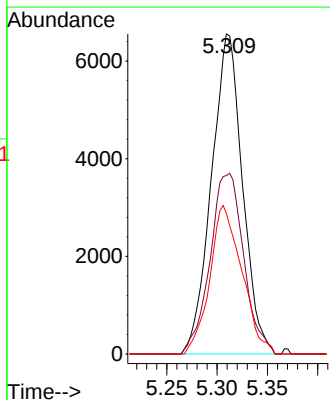
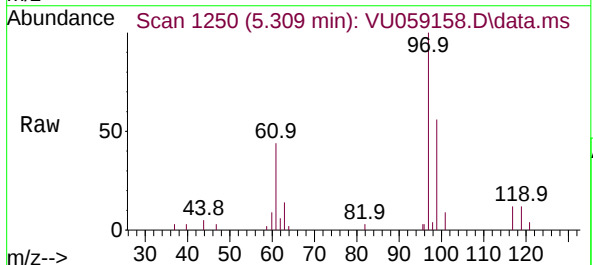
Tgt Ion: 97 Resp: 14076

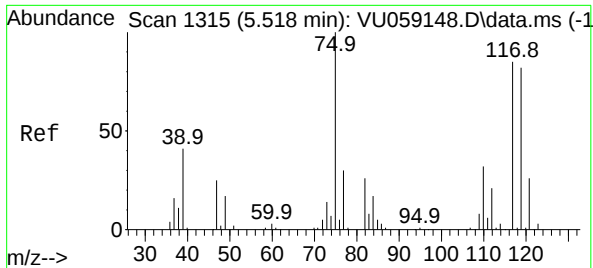
Ion Ratio Lower Upper

97 100

99 61.3 32.0 96.0

61 47.9 23.9 71.7

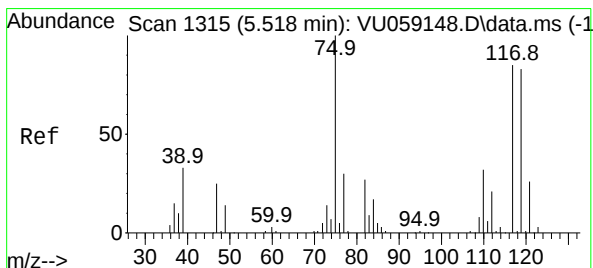
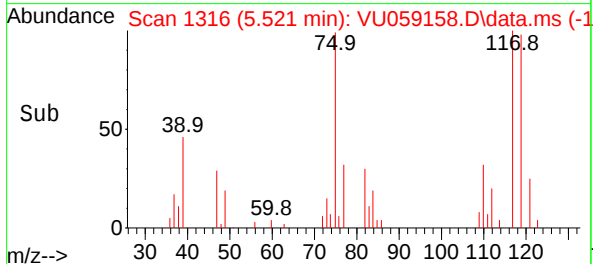
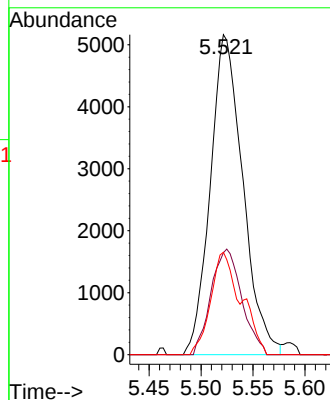
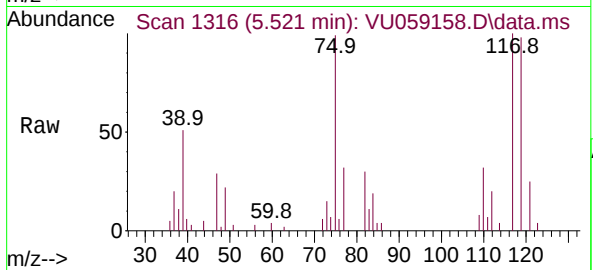




#29
1,1-Dichloropropene
Concen: 0.754 ug/l
RT: 5.521 min Scan# 1316
Delta R.T. 0.003 min
Lab File: VU059158.D
Acq: 05 Jun 2024 19:14

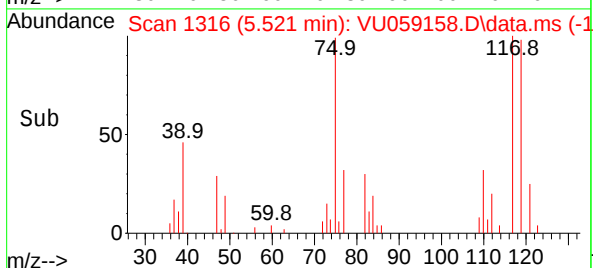
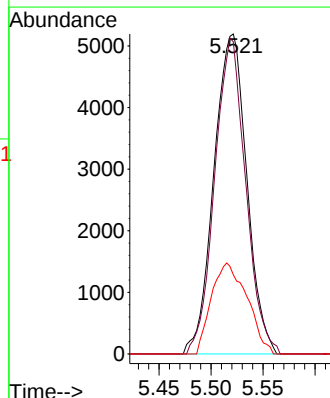
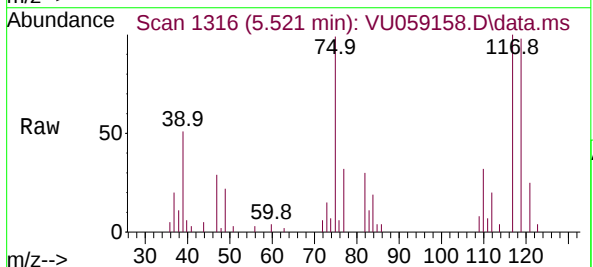
Instrument :
MSVOA_U
ClientSampleId :

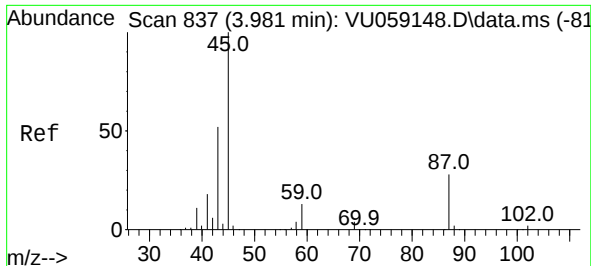
Tgt Ion: 75 Resp: 11233
Ion Ratio Lower Upper
75 100
110 31.2 17.0 50.9
77 23.6 24.6 36.8#



#30
Carbon Tetrachloride
Concen: 0.783 ug/l
RT: 5.521 min Scan# 1316
Delta R.T. 0.003 min
Lab File: VU059158.D
Acq: 05 Jun 2024 19:14

Tgt Ion:117 Resp: 11421
Ion Ratio Lower Upper
117 100
119 97.6 77.5 116.3
121 24.7 24.6 37.0

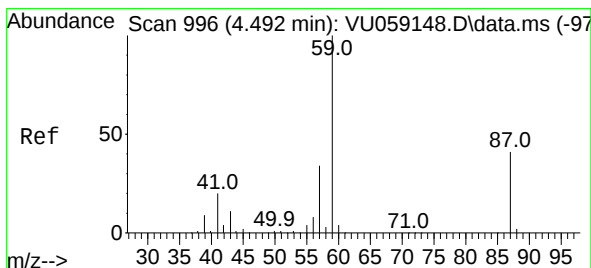
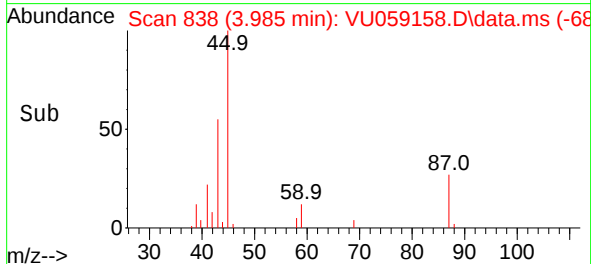
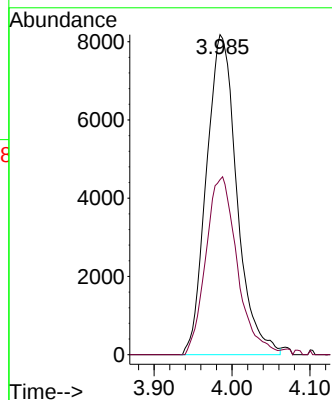
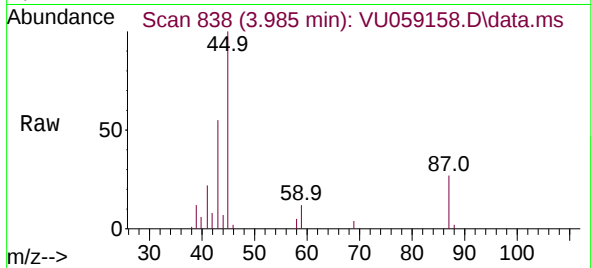




#31
Isopropyl Ether
Concen: 0.754 ug/l
RT: 3.985 min Scan# 837
Delta R.T. 0.003 min
Lab File: VU059158.D
Acq: 05 Jun 2024 19:14

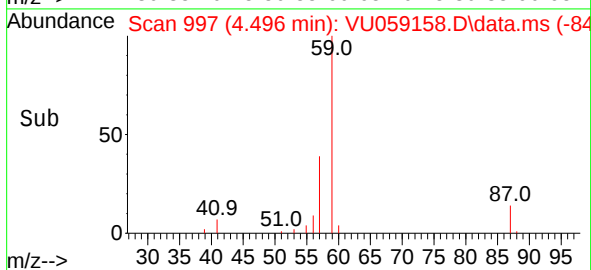
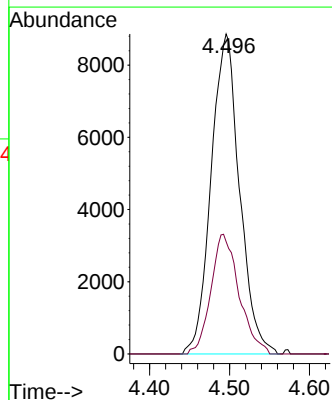
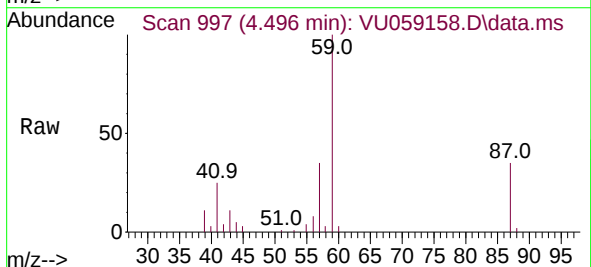
Instrument :
MSVOA_U
ClientSampleId :

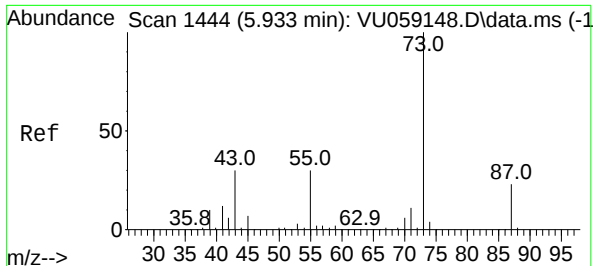
Tgt Ion: 45 Resp: 22179
Ion Ratio Lower Upper
45 100
43 57.3 26.1 78.3



#32
Ethyl-t-butyl ether
Concen: 0.798 ug/l
RT: 4.496 min Scan# 997
Delta R.T. 0.003 min
Lab File: VU059158.D
Acq: 05 Jun 2024 19:14

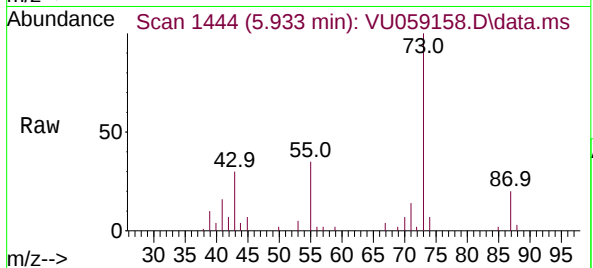
Tgt Ion: 59 Resp: 21854
Ion Ratio Lower Upper
59 100
87 37.1 32.2 48.4



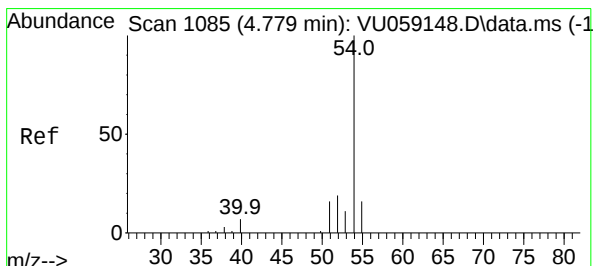
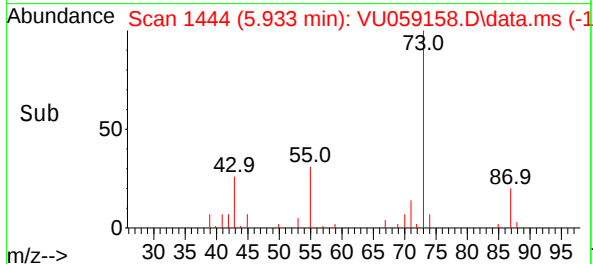
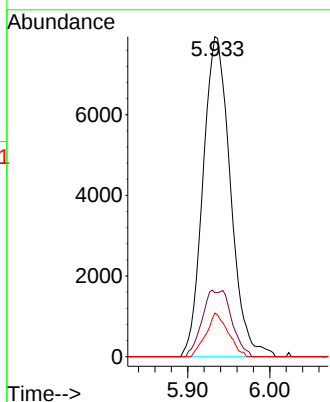


#33
Tert-Amyl methyl ether
Concen: 0.761 ug/l
RT: 5.933 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VU059158.D
Acq: 05 Jun 2024 19:14

Instrument :
MSVOA_U
ClientSampleId :

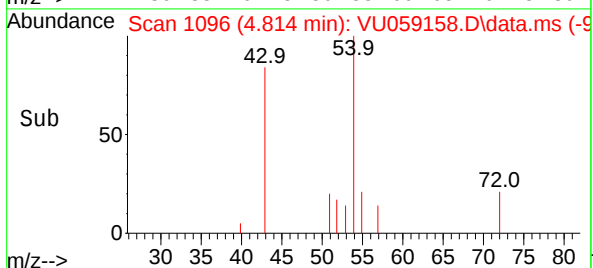
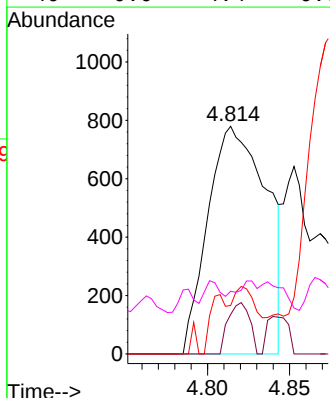
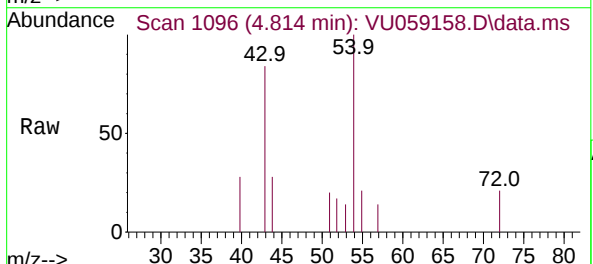


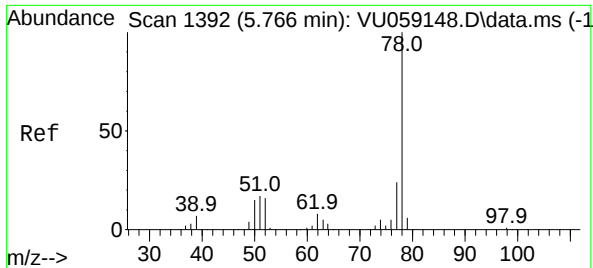
Tgt Ion: 73 Resp: 18392
Ion Ratio Lower Upper
73 100
87 12.1 18.6 27.8#
71 11.0 9.1 13.7



#34
Propionitrile
Concen: 2.246 ug/l
RT: 4.814 min Scan# 1096
Delta R.T. 0.035 min
Lab File: VU059158.D
Acq: 05 Jun 2024 19:14

Tgt Ion: 54 Resp: 1926
Ion Ratio Lower Upper
54 100
52 8.3 15.2 22.8#
55 9.3 12.4 18.6#
40 0.0 4.4 6.6#





#35

Benzene

Concen: 0.779 ug/l

RT: 5.769 min Scan# 1392

Delta R.T. 0.003 min

Lab File: VU059158.D

Acq: 05 Jun 2024 19:14

Instrument :

MSVOA_U

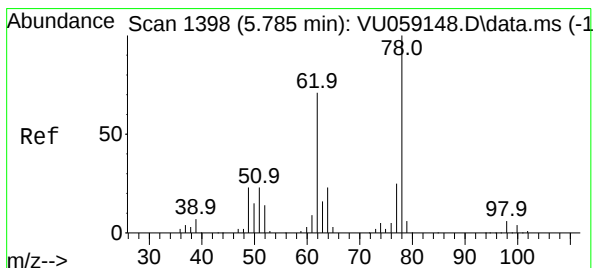
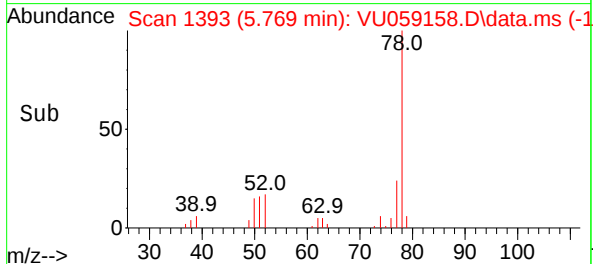
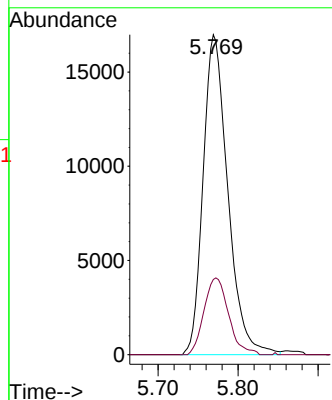
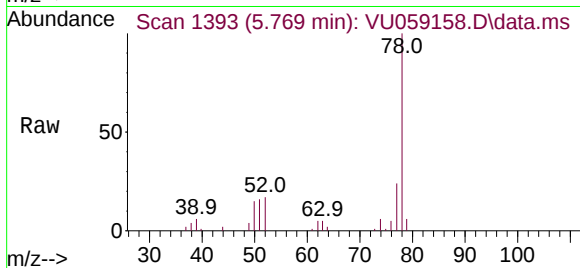
ClientSampleId :

Tgt Ion: 78 Resp: 36490

Ion Ratio Lower Upper

78 100

77 23.5 19.4 29.2



#36

1,2-Dichloroethane

Concen: 0.828 ug/l

RT: 5.788 min Scan# 1399

Delta R.T. 0.003 min

Lab File: VU059158.D

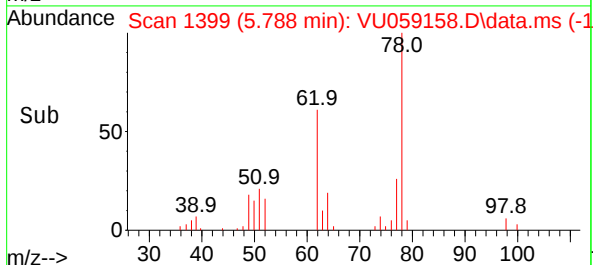
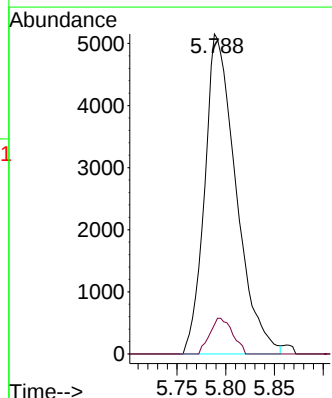
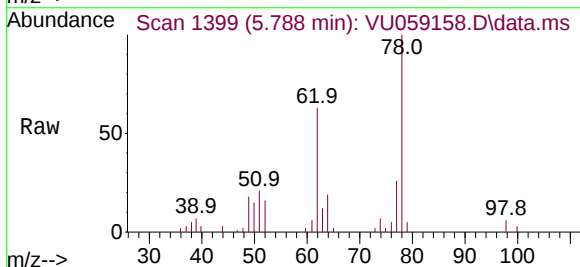
Acq: 05 Jun 2024 19:14

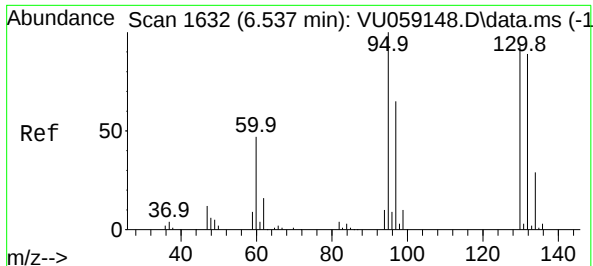
Tgt Ion: 62 Resp: 11502

Ion Ratio Lower Upper

62 100

98 8.1 6.7 10.1





#37

Trichloroethene

Concen: 0.776 ug/l

RT: 6.541 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU059158.D

Acq: 05 Jun 2024 19:14

Instrument :

MSVOA_U

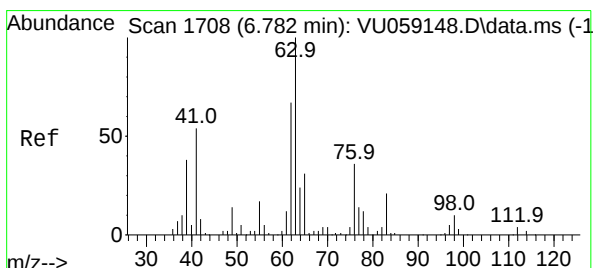
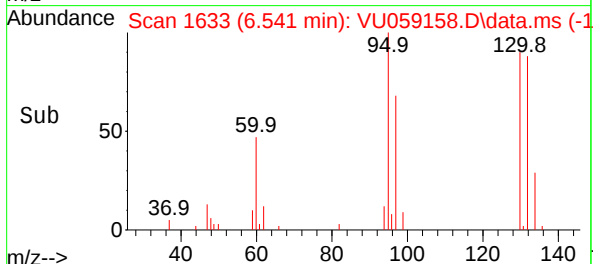
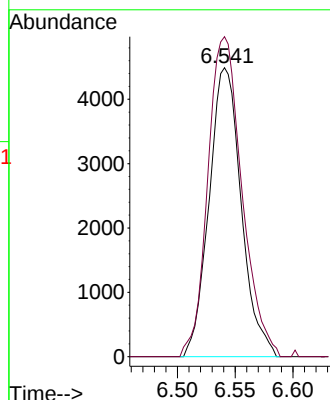
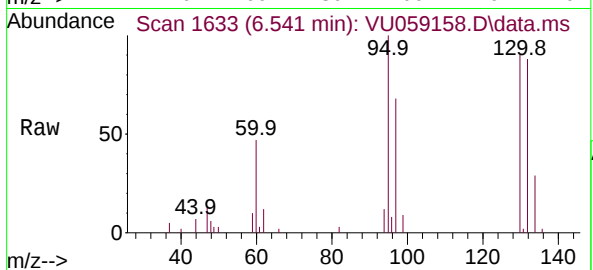
ClientSampleId :

Tgt Ion:130 Resp: 8689

Ion Ratio Lower Upper

130 100

95 110.8 85.6 128.4



#38

1,2-Dichloropropane

Concen: 0.775 ug/l

RT: 6.785 min Scan# 1709

Delta R.T. 0.003 min

Lab File: VU059158.D

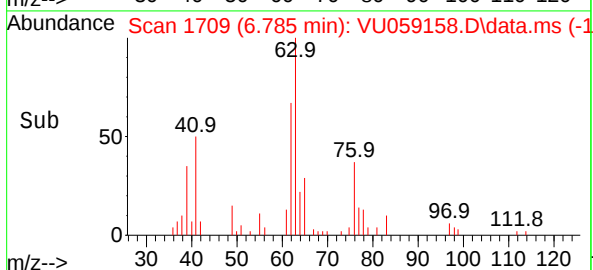
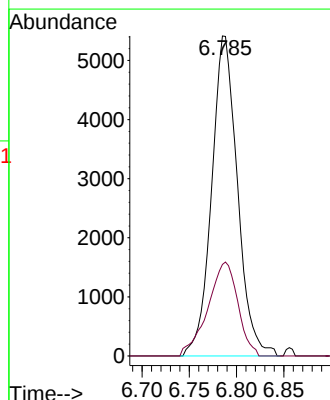
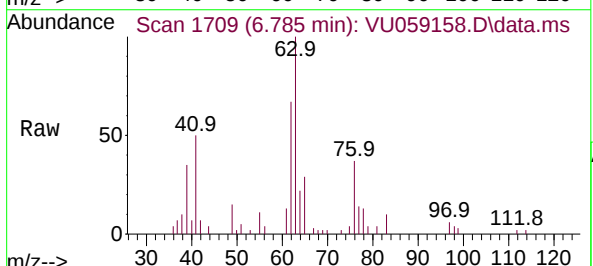
Acq: 05 Jun 2024 19:14

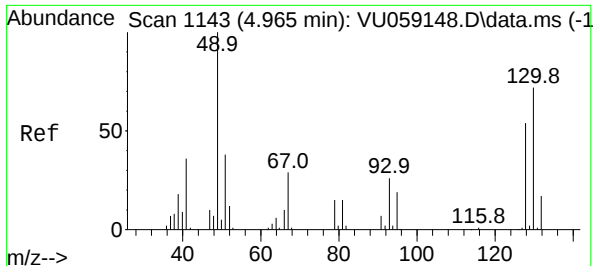
Tgt Ion: 63 Resp: 10309

Ion Ratio Lower Upper

63 100

65 28.6 24.6 37.0





#39

Methacrylonitrile

Concen: 0.402 ug/l

RT: 4.988 min Scan# 1143

Delta R.T. 0.023 min

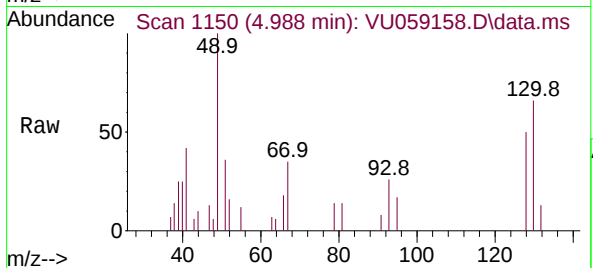
Lab File: VU059158.D

Acq: 05 Jun 2024 19:14

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 41 Resp: 1286

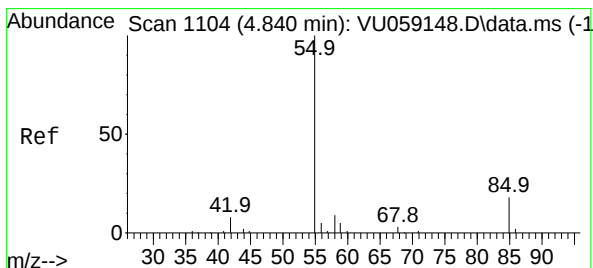
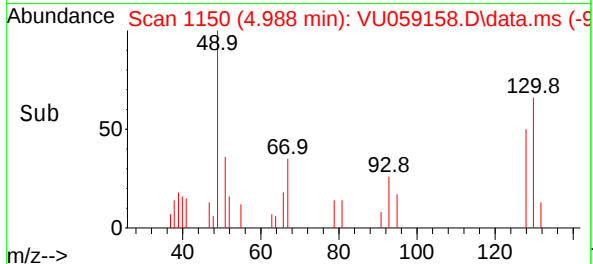
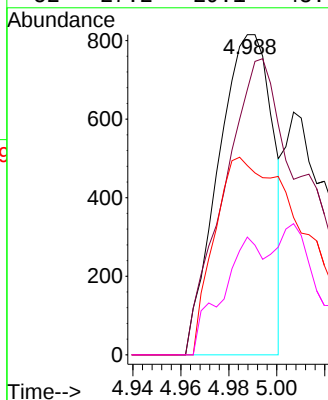
Ion Ratio Lower Upper

41 100

67 153.2 68.2 102.4#

39 97.9 43.4 65.2#

52 27.2 29.1 43.7#



#40

Methyl acrylate

Concen: 0.032 ug/l

RT: 4.821 min Scan# 1098

Delta R.T. -0.019 min

Lab File: VU059158.D

Acq: 05 Jun 2024 19:14

Tgt Ion: 55 Resp: 180

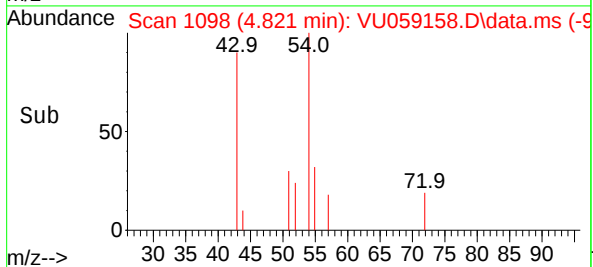
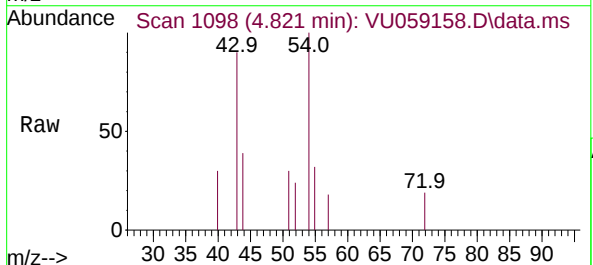
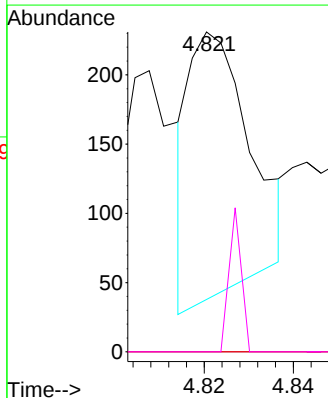
Ion Ratio Lower Upper

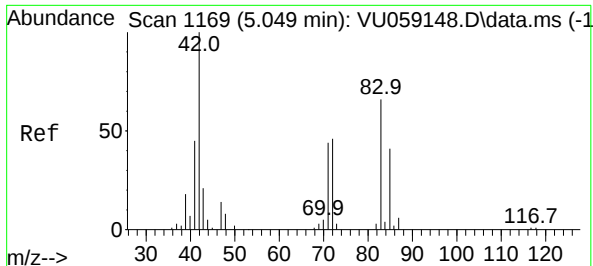
55 100

85 0.0 11.8 17.6#

58 0.0 6.0 9.0#

42 0.0 6.3 9.5#

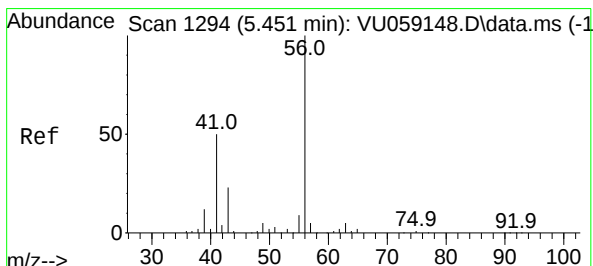
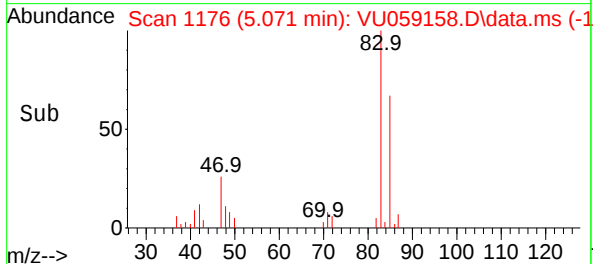
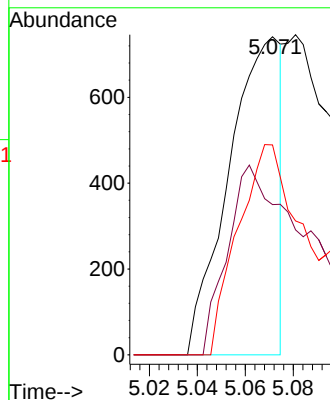
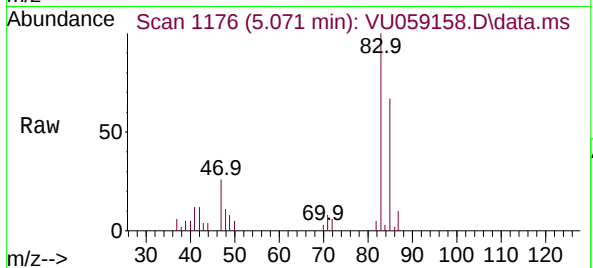




#41
Tetrahydrofuran
Concen: 0.655 ug/l
RT: 5.071 min Scan# 1176
Delta R.T. 0.023 min
Lab File: VU059158.D
Acq: 05 Jun 2024 19:14

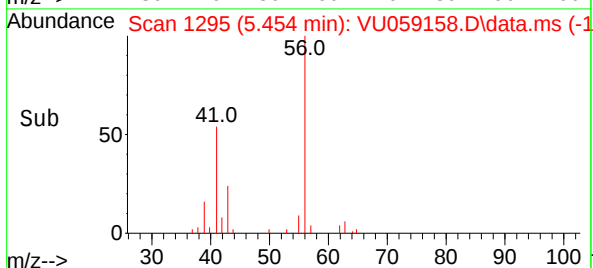
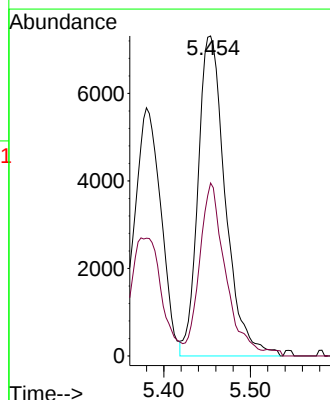
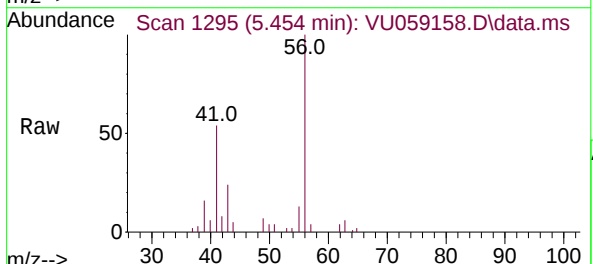
Instrument :
MSVOA_U
ClientSampleId :

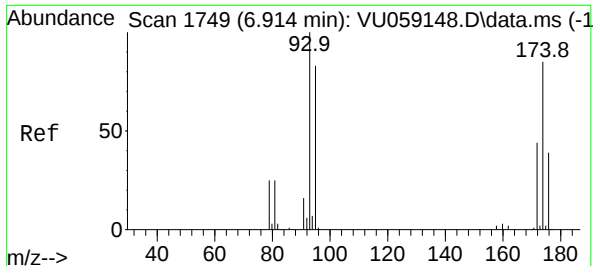
Tgt Ion: 42 Resp: 1120
Ion Ratio Lower Upper
42 100
72 94.5 40.7 61.1#
71 77.9 36.5 54.7#



#42
1-Chlorobutane
Concen: 0.778 ug/l
RT: 5.454 min Scan# 1295
Delta R.T. 0.003 min
Lab File: VU059158.D
Acq: 05 Jun 2024 19:14

Tgt Ion: 56 Resp: 16025
Ion Ratio Lower Upper
56 100
41 47.8 25.7 77.1





#43

Dibromomethane

Concen: 0.862 ug/l

RT: 6.920 min Scan# 1

Delta R.T. 0.007 min

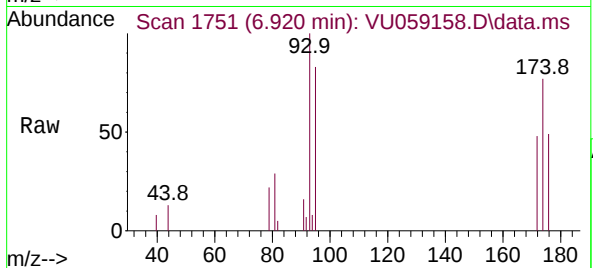
Lab File: VU059158.D

Acq: 05 Jun 2024 19:14

Instrument :

MSVOA_U

ClientSampleId :



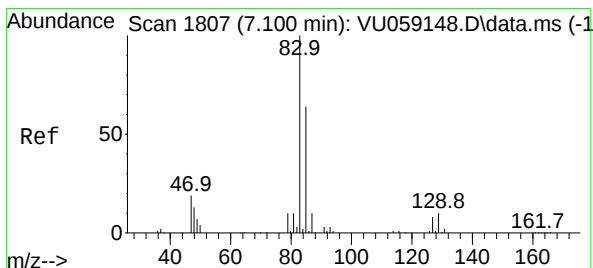
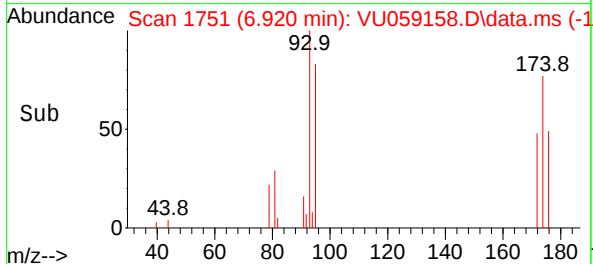
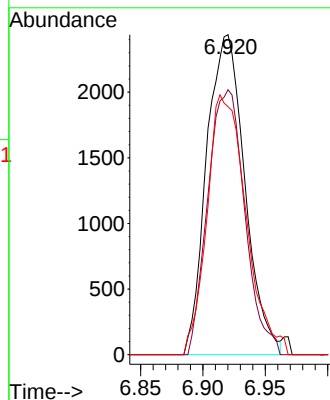
Tgt Ion: 93 Resp: 5196

Ion Ratio Lower Upper

93 100

95 80.2 66.1 99.1

174 82.8 67.2 100.8



#44

Bromodichloromethane

Concen: 0.821 ug/l

RT: 7.097 min Scan# 1806

Delta R.T. -0.003 min

Lab File: VU059158.D

Acq: 05 Jun 2024 19:14

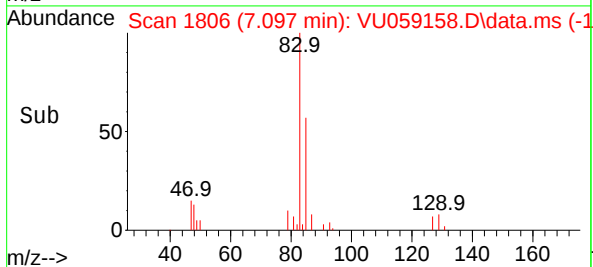
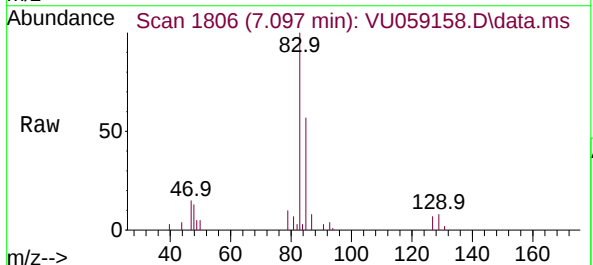
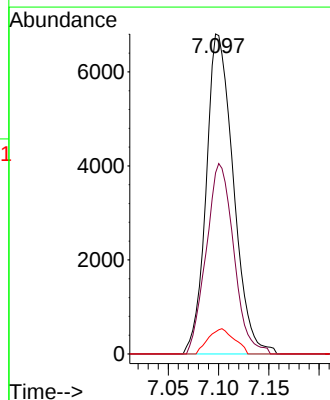
Tgt Ion: 83 Resp: 12812

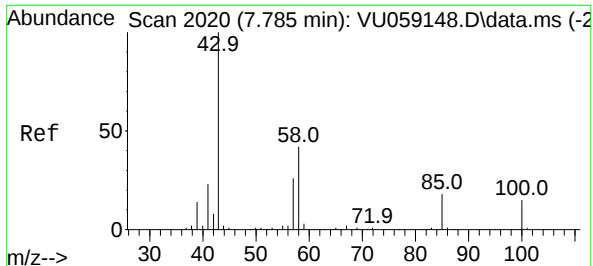
Ion Ratio Lower Upper

83 100

85 56.6 51.0 76.4

127 6.9 6.4 9.6

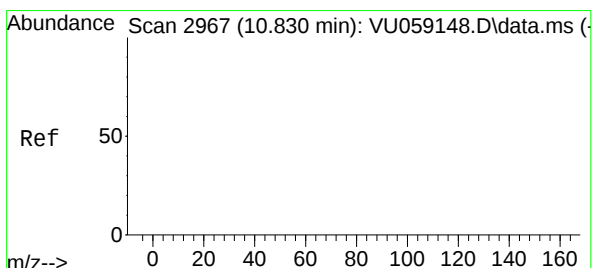
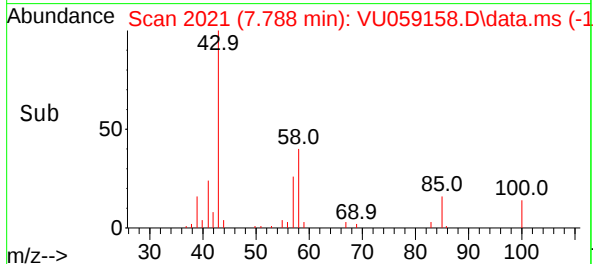
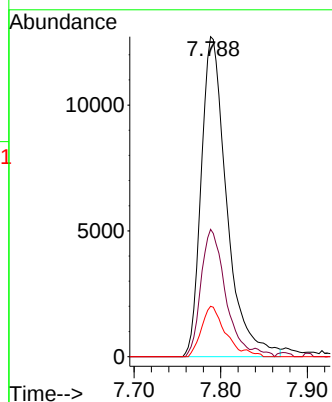
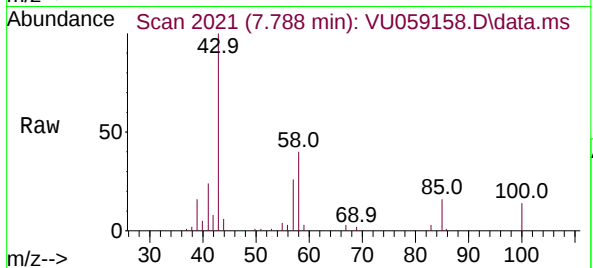




#45
4-Methyl-2-Pentanone
Concen: 4.035 ug/l
RT: 7.788 min Scan# 2020
Delta R.T. 0.003 min
Lab File: VU059158.D
Acq: 05 Jun 2024 19:14

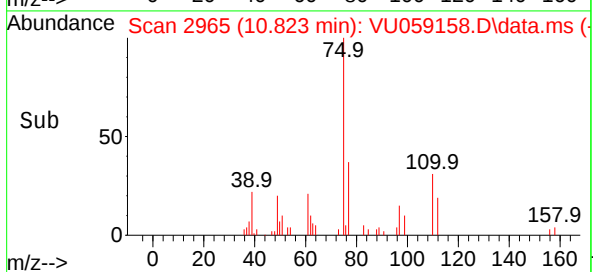
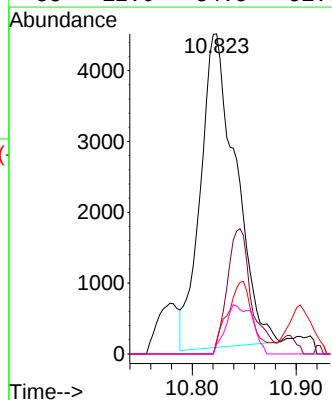
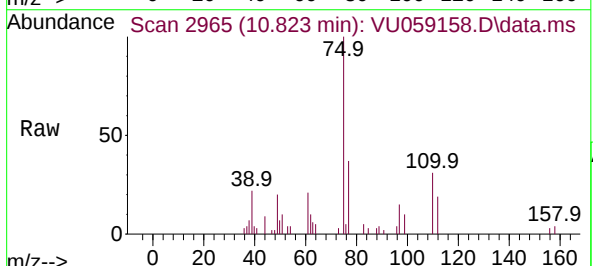
Instrument :
MSVOA_U
ClientSampleId :

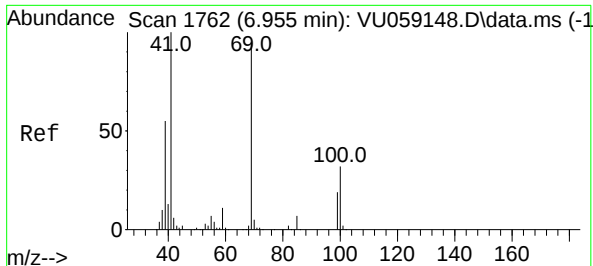
Tgt Ion: 43 Resp: 26059
Ion Ratio Lower Upper
43 100
58 37.9 21.1 63.3
85 14.1 14.6 22.0#



#46
t-1,4-Dichloro-2-butene
Concen: 3.814 ug/l
RT: 10.823 min Scan# 2965
Delta R.T. -0.006 min
Lab File: VU059158.D
Acq: 05 Jun 2024 19:14

Tgt Ion: 75 Resp: 10454
Ion Ratio Lower Upper
75 100
53 27.6 72.2 108.4#
89 16.9 47.0 70.4#
88 12.0 34.5 51.7#





#47

Methyl methacrylate

Concen: 1.416 ug/l

RT: 6.962 min Scan# 1

Delta R.T. 0.007 min

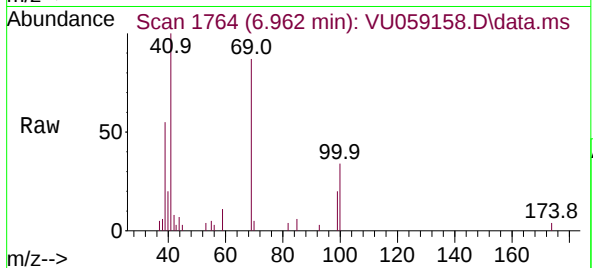
Lab File: VU059158.D

Acq: 05 Jun 2024 19:14

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 69 Resp: 7326

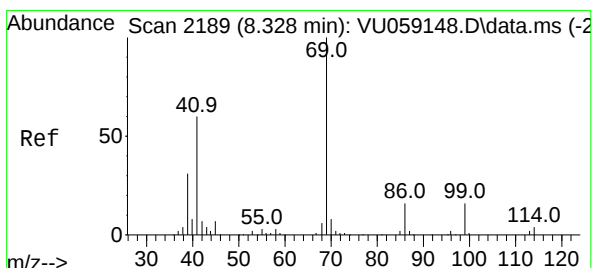
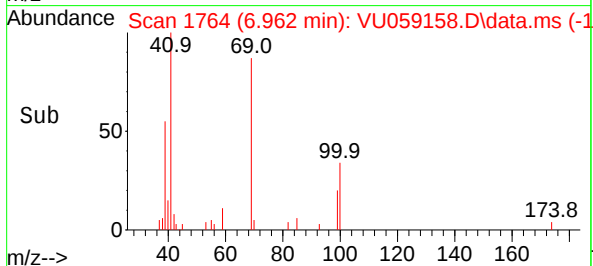
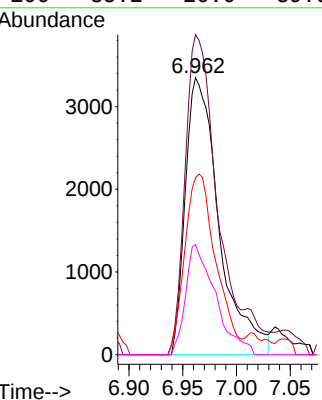
Ion Ratio Lower Upper

69 100

41 115.0 0.0 208.8

39 60.0 46.0 69.0

100 35.2 26.0 39.0



#48

Ethyl methacrylate

Concen: 0.721 ug/l

RT: 8.332 min Scan# 2190

Delta R.T. 0.003 min

Lab File: VU059158.D

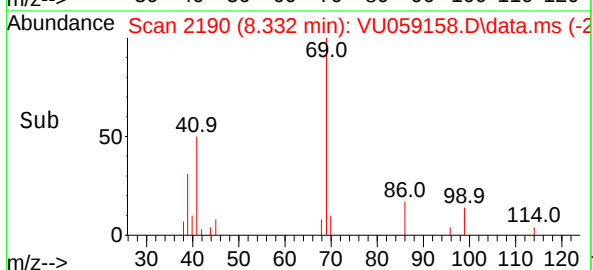
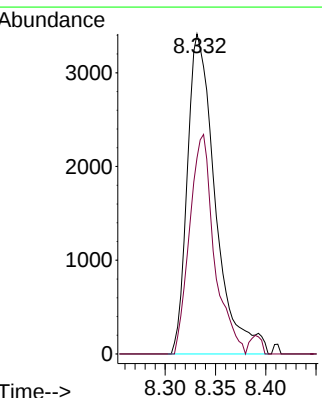
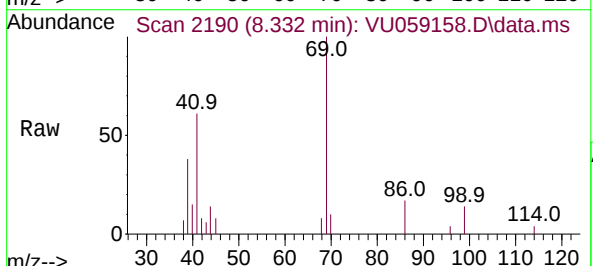
Acq: 05 Jun 2024 19:14

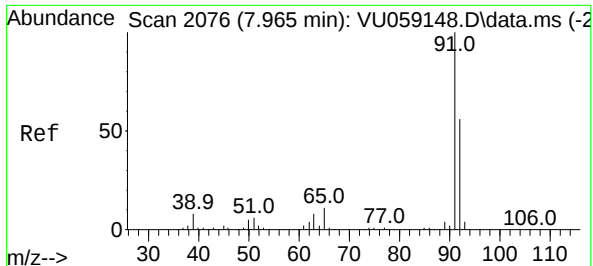
Tgt Ion: 69 Resp: 6589

Ion Ratio Lower Upper

69 100

41 60.6 30.2 90.6





#49

Toluene

Concen: 0.747 ug/l

RT: 7.968 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU059158.D

Acq: 05 Jun 2024 19:14

Instrument :

MSVOA_U

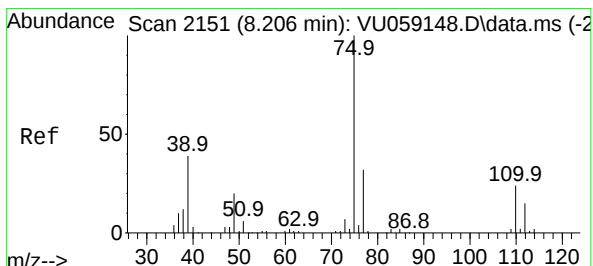
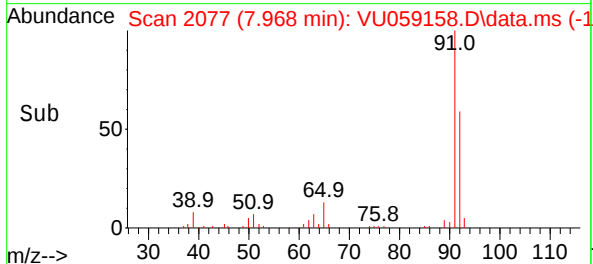
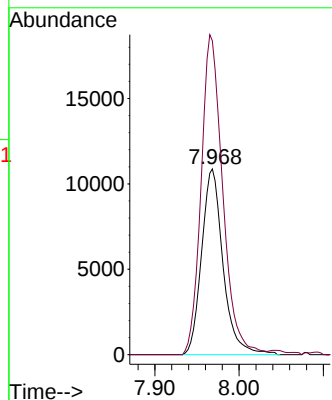
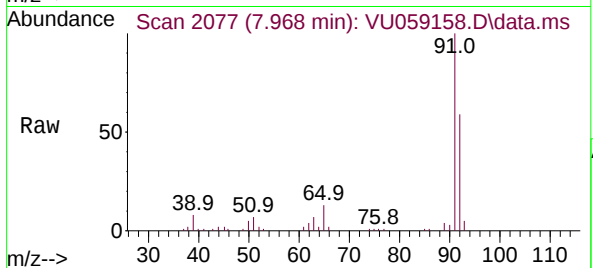
ClientSampleId :

Tgt Ion: 92 Resp: 19284

Ion Ratio Lower Upper

92 100

91 173.7 143.4 215.0



#50

t-1,3-Dichloropropene

Concen: 0.745 ug/l

RT: 8.209 min Scan# 2152

Delta R.T. 0.003 min

Lab File: VU059158.D

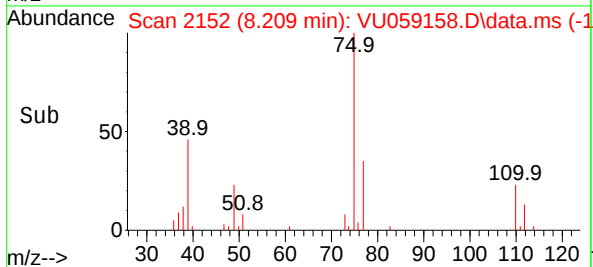
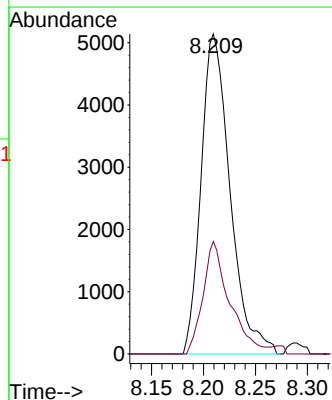
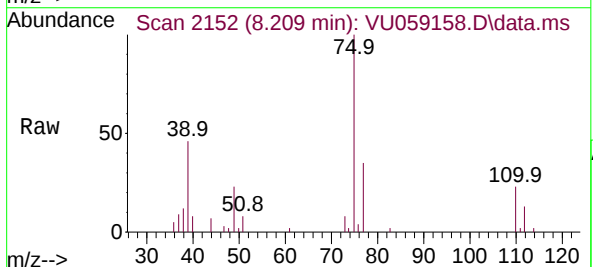
Acq: 05 Jun 2024 19:14

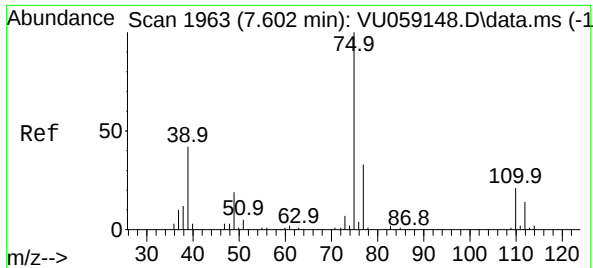
Tgt Ion: 75 Resp: 9954

Ion Ratio Lower Upper

75 100

77 35.2 25.3 37.9

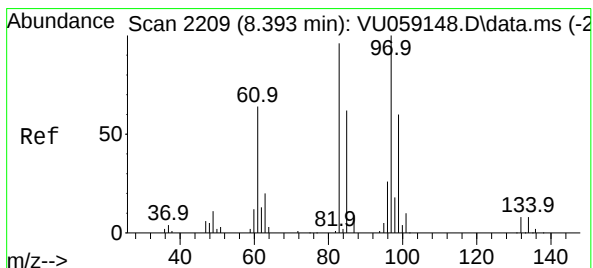
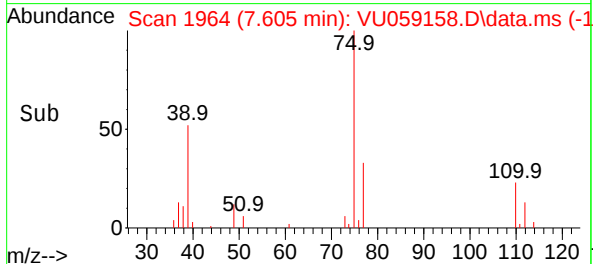
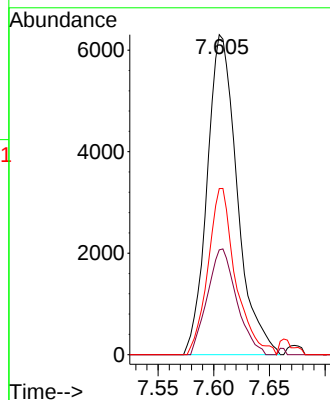
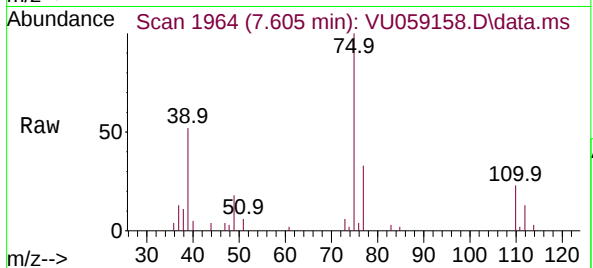




#51
cis-1,3-Dichloropropene
Concen: 0.724 ug/l
RT: 7.605 min Scan# 11841
Delta R.T. 0.003 min
Lab File: VU059158.D
Acq: 05 Jun 2024 19:14

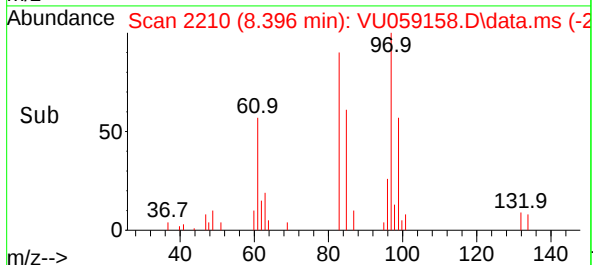
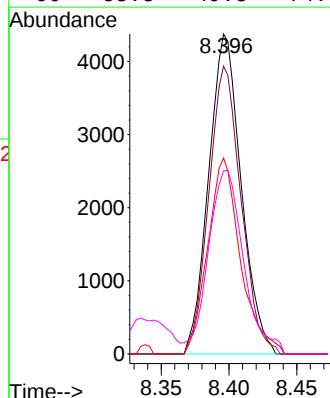
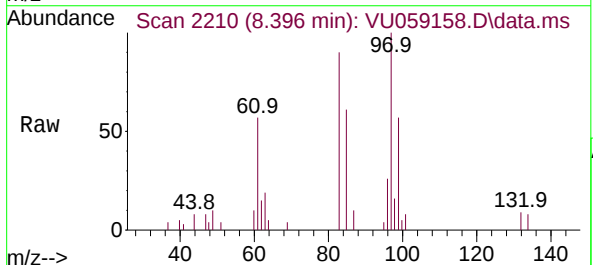
Instrument :
MSVOA_U
ClientSampleId :

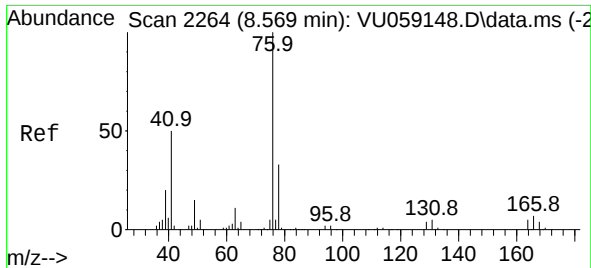
Tgt Ion: 75 Resp: 11841
Ion Ratio Lower Upper
75 100
77 32.7 26.0 39.0
39 51.9 33.2 49.8#



#52
1,1,2-Trichloroethane
Concen: 0.818 ug/l
RT: 8.396 min Scan# 2210
Delta R.T. 0.003 min
Lab File: VU059158.D
Acq: 05 Jun 2024 19:14

Tgt Ion: 97 Resp: 7283
Ion Ratio Lower Upper
97 100
83 89.9 76.4 114.6
85 61.2 49.6 74.4
99 53.8 49.8 74.8

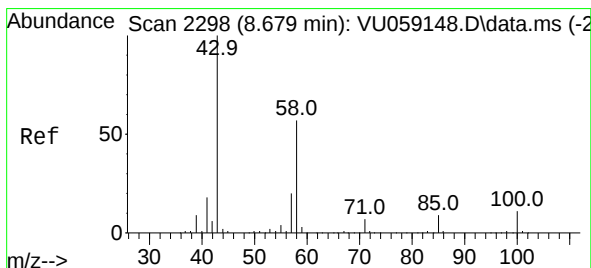
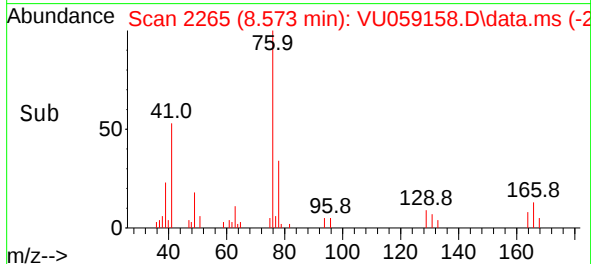
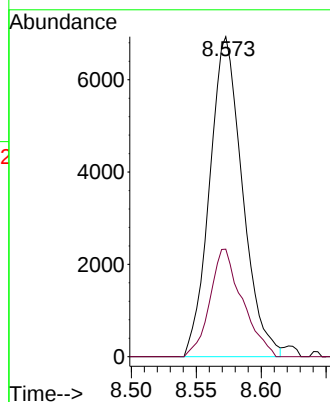
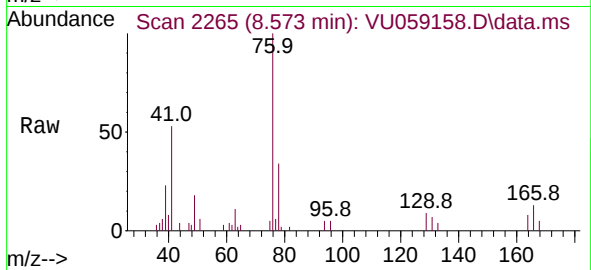




#53
1,3-Dichloropropane
Concen: 0.793 ug/l
RT: 8.573 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU059158.D
Acq: 05 Jun 2024 19:14

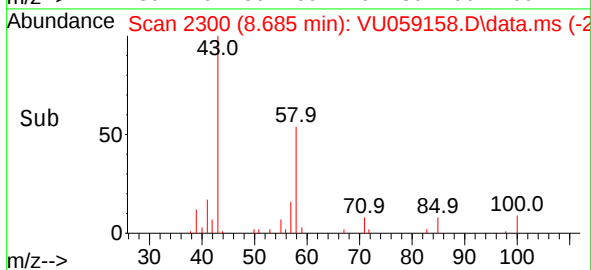
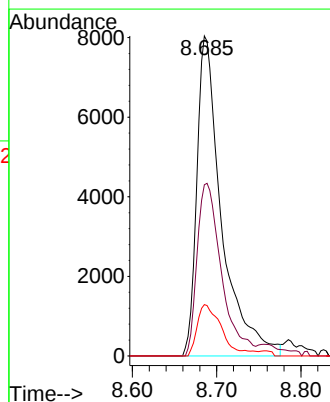
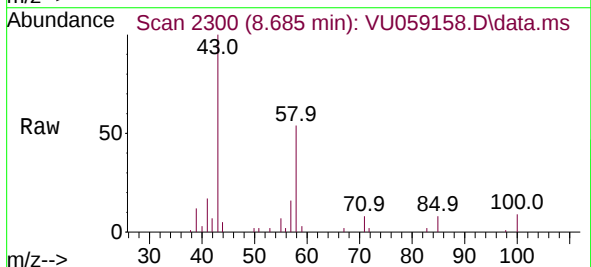
Instrument :
MSVOA_U
ClientSampleId :

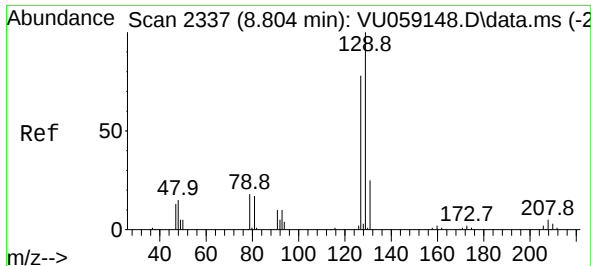
Tgt Ion: 76 Resp: 12158
Ion Ratio Lower Upper
76 100
78 33.3 25.4 38.2



#54
2-Hexanone
Concen: 3.278 ug/l
RT: 8.685 min Scan# 2300
Delta R.T. 0.007 min
Lab File: VU059158.D
Acq: 05 Jun 2024 19:14

Tgt Ion: 43 Resp: 16415
Ion Ratio Lower Upper
43 100
58 53.3 38.6 78.6
57 16.1 0.0 39.5





#55

Dibromochloromethane

Concen: 0.771 ug/l

RT: 8.804 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VU059158.D

Acq: 05 Jun 2024 19:14

Instrument :

MSVOA_U

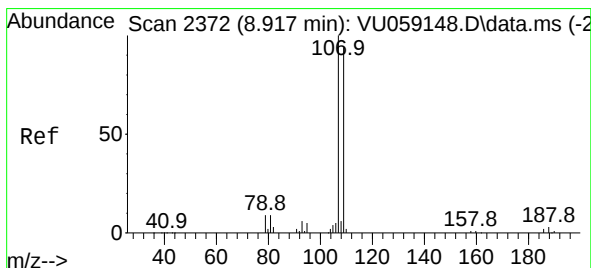
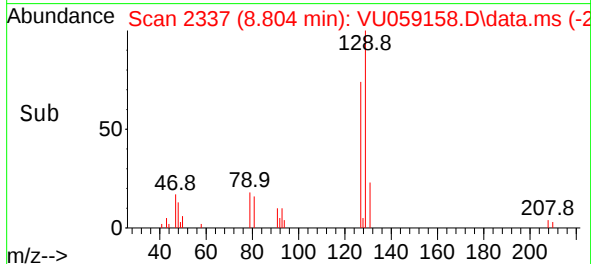
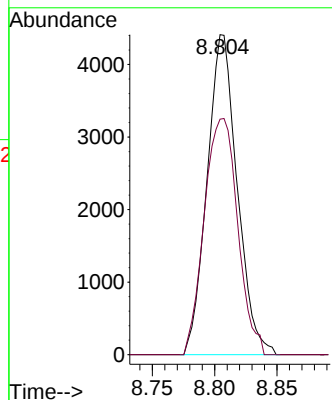
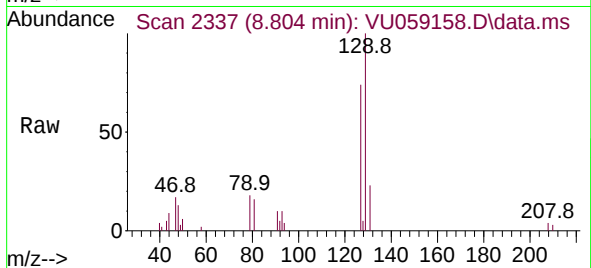
ClientSampleId :

Tgt Ion:129 Resp: 7426

Ion Ratio Lower Upper

129 100

127 81.7 61.9 92.9



#56

1,2-Dibromoethane

Concen: 0.842 ug/l

RT: 8.920 min Scan# 2373

Delta R.T. 0.003 min

Lab File: VU059158.D

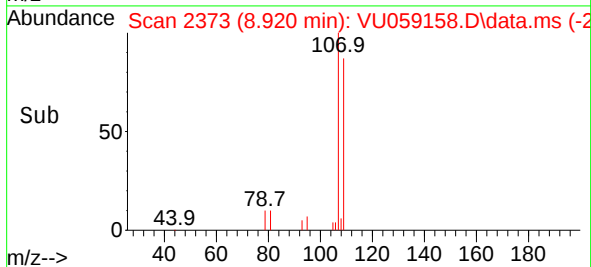
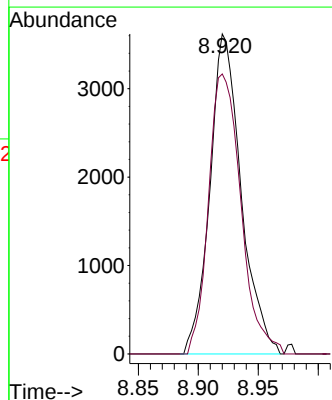
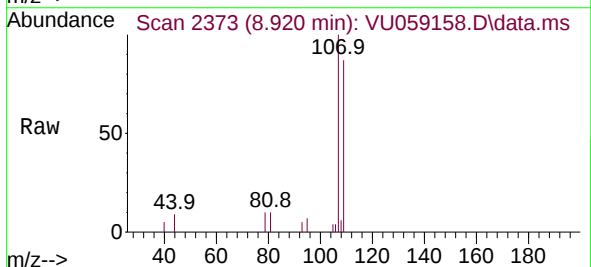
Acq: 05 Jun 2024 19:14

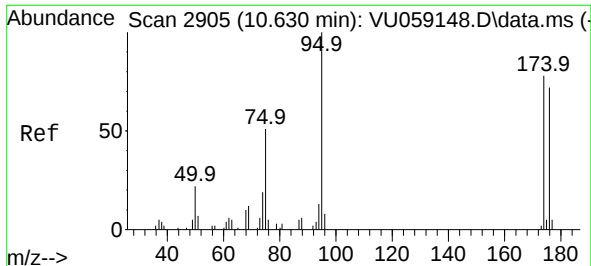
Tgt Ion:107 Resp: 6572

Ion Ratio Lower Upper

107 100

109 90.4 0.0 188.2





#57

4-Bromofluorobenzene

Concen: 0.927 ug/l

RT: 10.631 min Scan# 2905

Delta R.T. 0.000 min

Lab File: VU059158.D

Acq: 05 Jun 2024 19:14

Instrument :

MSVOA_U

ClientSampleId :

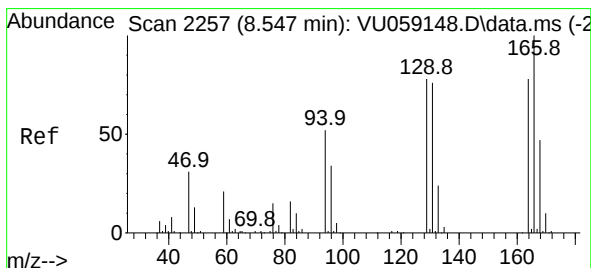
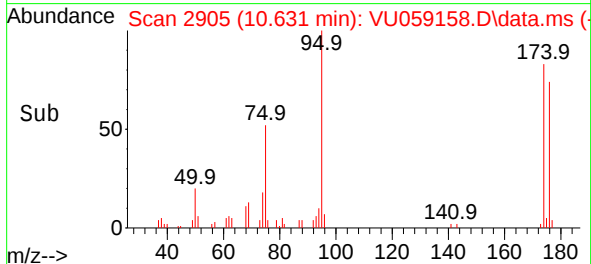
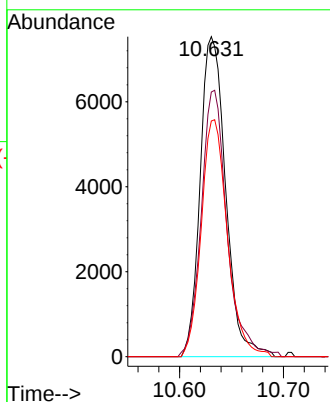
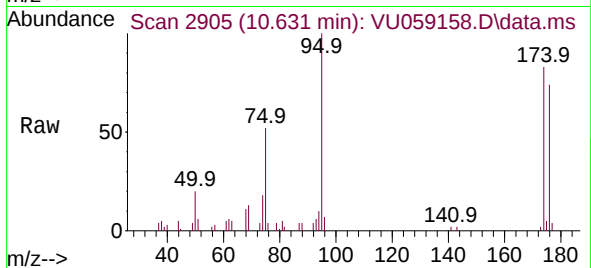
Tgt Ion: 95 Resp: 12851

Ion Ratio Lower Upper

95 100

174 84.0 59.6 89.4

176 75.9 57.3 85.9



#58

Tetrachloroethene

Concen: 0.813 ug/l

RT: 8.550 min Scan# 2258

Delta R.T. 0.003 min

Lab File: VU059158.D

Acq: 05 Jun 2024 19:14

Tgt Ion: 164 Resp: 8389

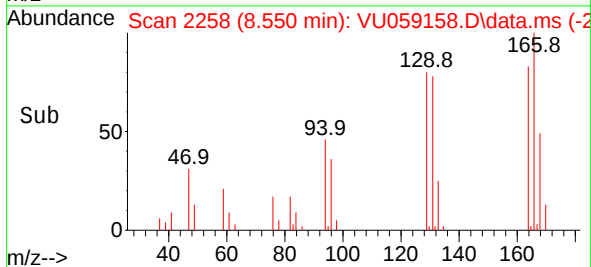
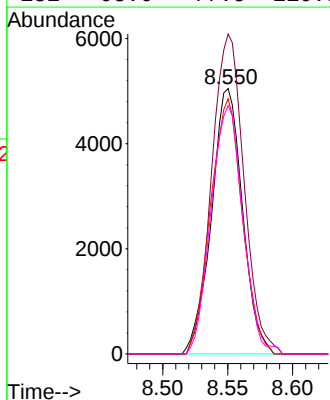
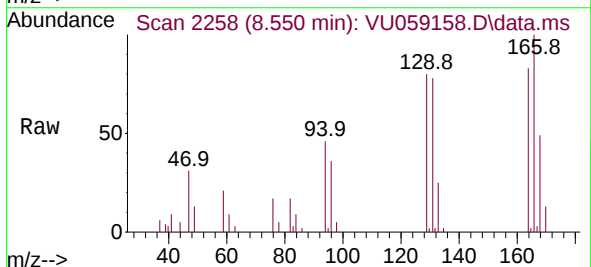
Ion Ratio Lower Upper

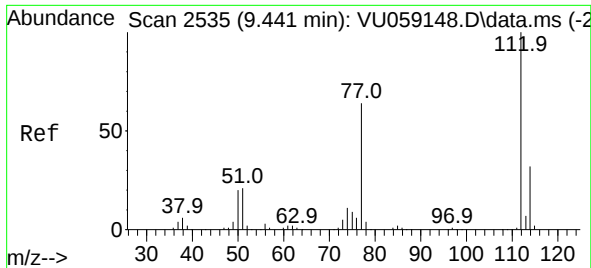
164 100

166 120.6 102.6 153.8

129 96.1 80.3 120.5

131 93.6 77.5 116.3





#59

Chlorobenzene

Concen: 0.775 ug/l

RT: 9.444 min Scan# 2535

Delta R.T. 0.003 min

Lab File: VU059158.D

Acq: 05 Jun 2024 19:14

Instrument :

MSVOA_U

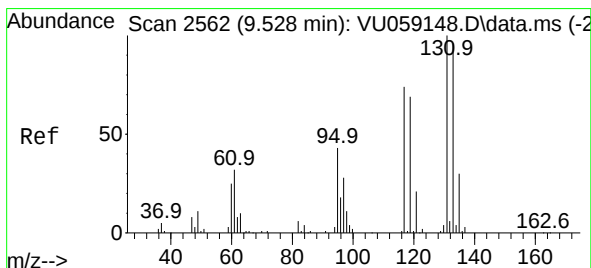
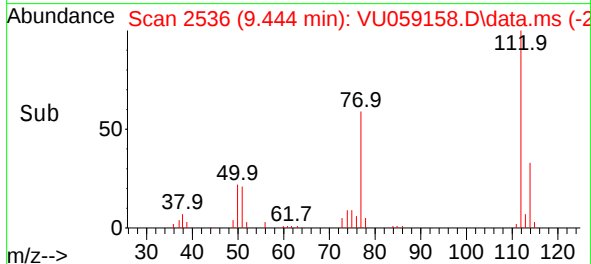
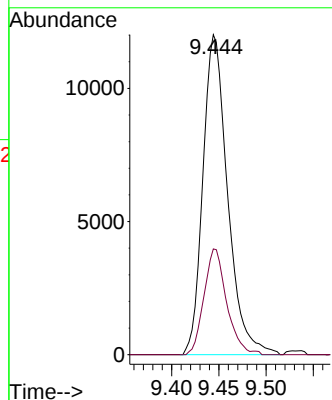
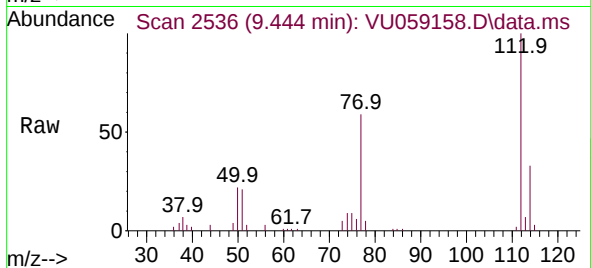
ClientSampleId :

Tgt Ion:112 Resp: 21885

Ion Ratio Lower Upper

112 100

114 33.1 25.6 38.4



#60

1,1,1,2-Tetrachloroethane

Concen: 0.763 ug/l

RT: 9.531 min Scan# 2563

Delta R.T. 0.003 min

Lab File: VU059158.D

Acq: 05 Jun 2024 19:14

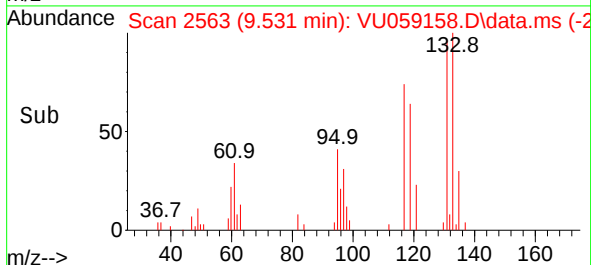
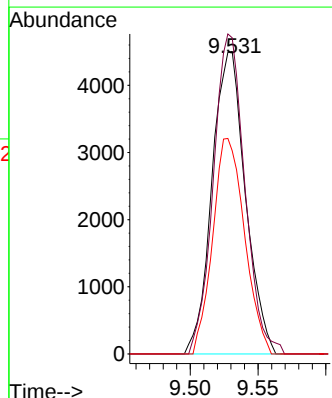
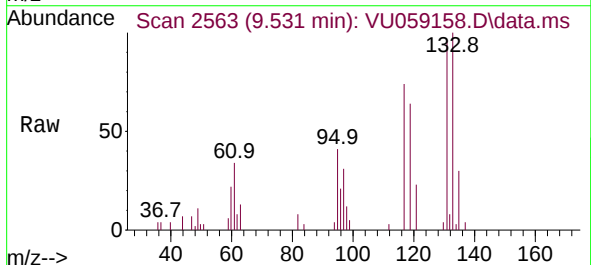
Tgt Ion:131 Resp: 7715

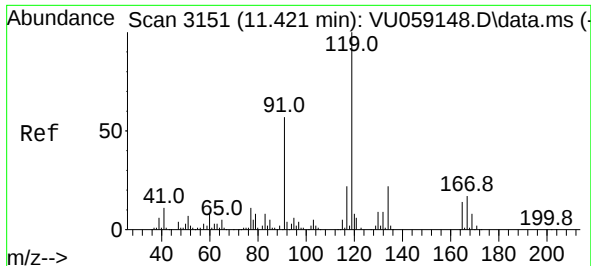
Ion Ratio Lower Upper

131 100

133 99.8 76.7 115.1

119 68.0 55.3 82.9

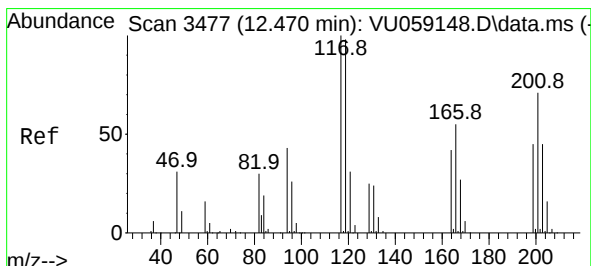
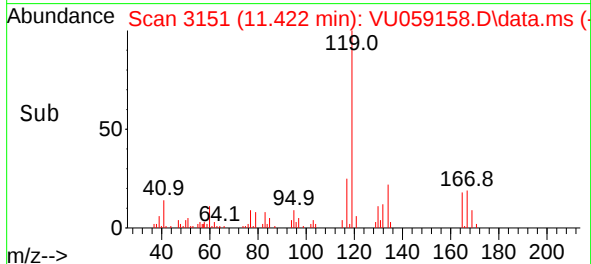
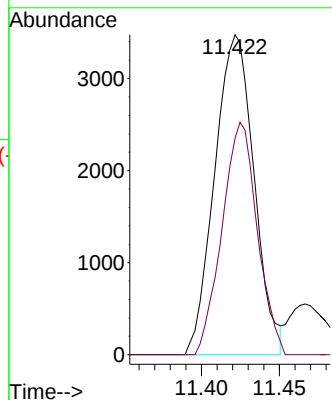
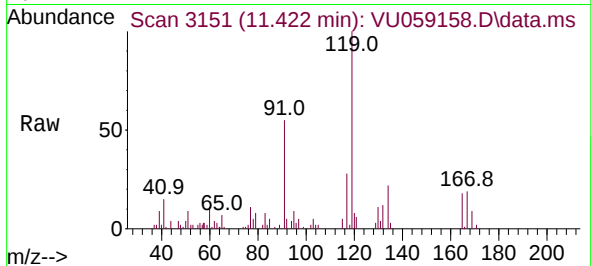




#61
 Pentachloroethane
 Concen: 0.778 ug/l
 RT: 11.422 min Scan# 3151
 Delta R.T. 0.000 min
 Lab File: VU059158.D
 Acq: 05 Jun 2024 19:14

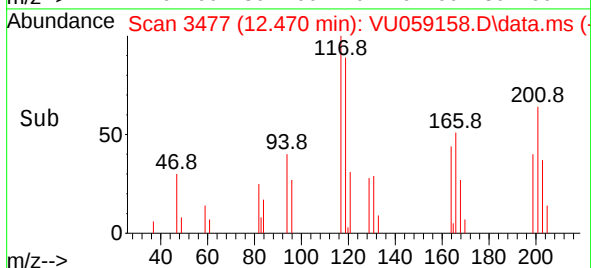
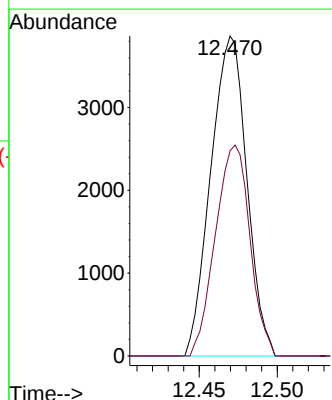
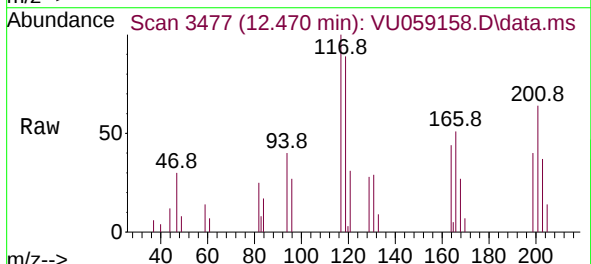
Instrument :
 MSVOA_U
 ClientSampleId :

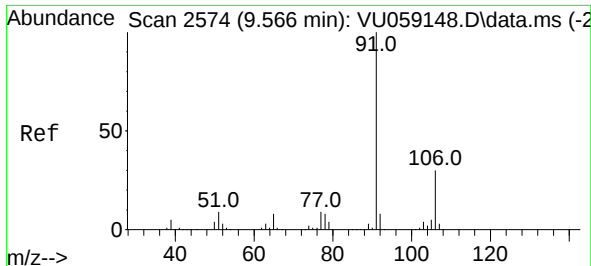
Tgt Ion:117 Resp: 6101
 Ion Ratio Lower Upper
 117 100
 167 64.9 58.1 87.1



#62
 Hexachloroethane
 Concen: 0.778 ug/l
 RT: 12.470 min Scan# 3477
 Delta R.T. 0.000 min
 Lab File: VU059158.D
 Acq: 05 Jun 2024 19:14

Tgt Ion:117 Resp: 6203
 Ion Ratio Lower Upper
 117 100
 201 63.3 55.8 83.8





#63

Ethyl Benzene

Concen: 0.702 ug/l

RT: 9.566 min Scan# 2574

Delta R.T. 0.000 min

Lab File: VU059158.D

Acq: 05 Jun 2024 19:14

Instrument :

MSVOA_U

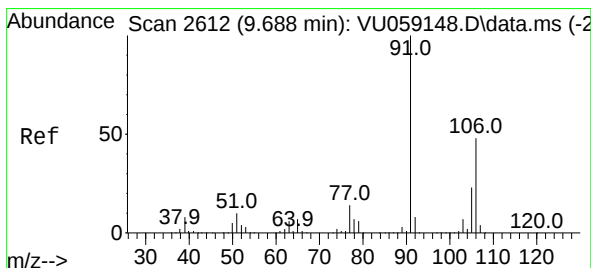
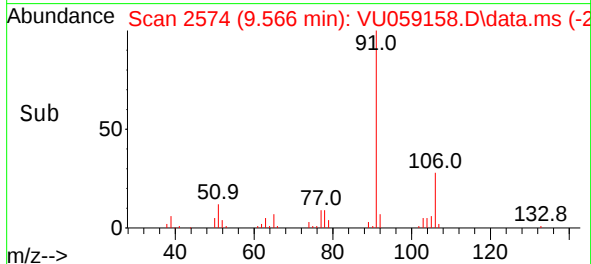
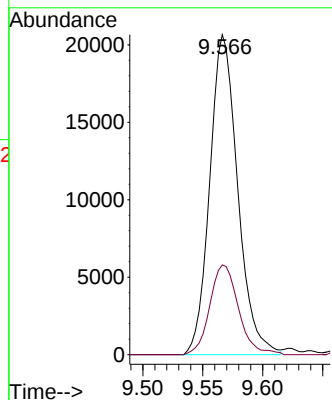
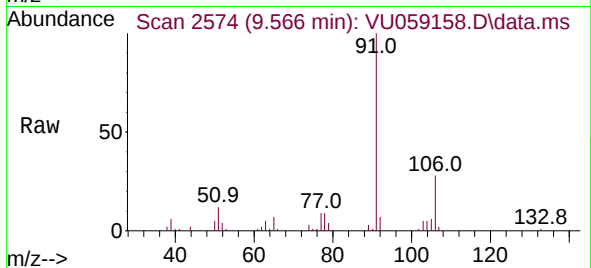
ClientSampleId :

Tgt Ion: 91 Resp: 33461

Ion Ratio Lower Upper

91 100

106 28.0 23.9 35.9



#64

m/p-Xylenes

Concen: 1.351 ug/l

RT: 9.688 min Scan# 2612

Delta R.T. 0.000 min

Lab File: VU059158.D

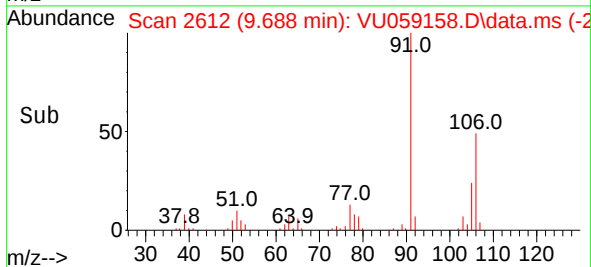
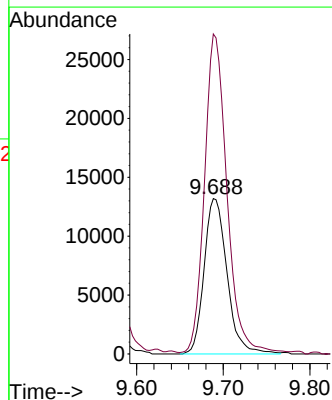
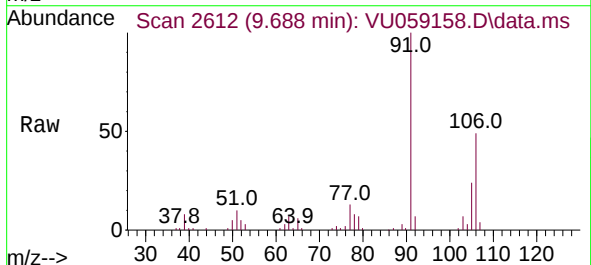
Acq: 05 Jun 2024 19:14

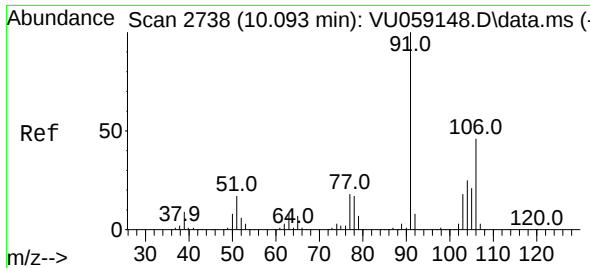
Tgt Ion:106 Resp: 24288

Ion Ratio Lower Upper

106 100

91 199.0 166.4 249.6

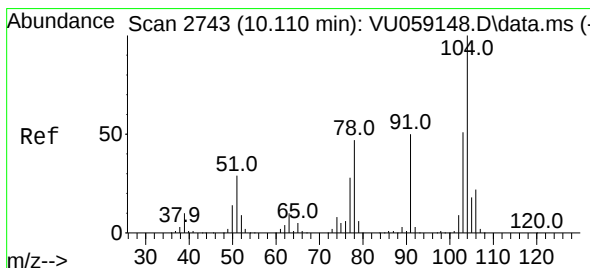
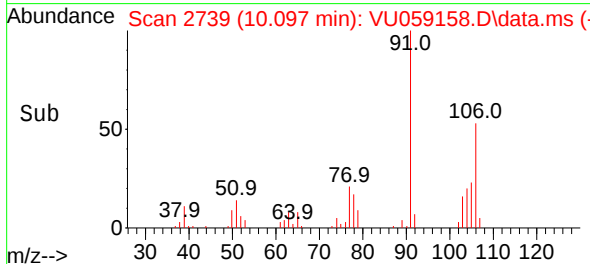
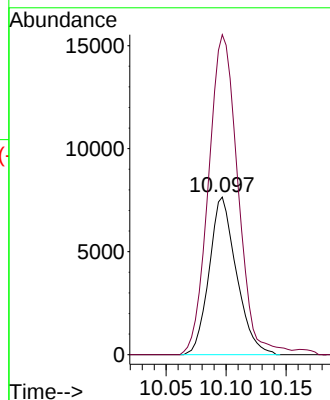
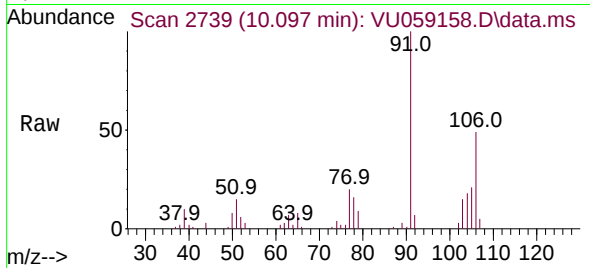




#65
o-Xylene
Concen: 0.682 ug/l
RT: 10.097 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU059158.D
Acq: 05 Jun 2024 19:14

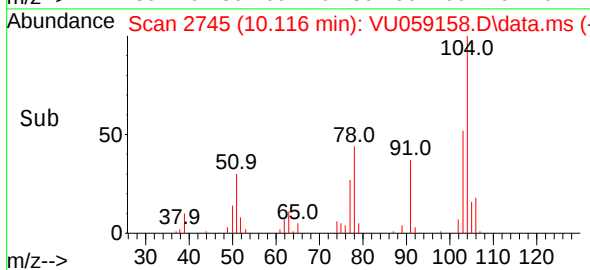
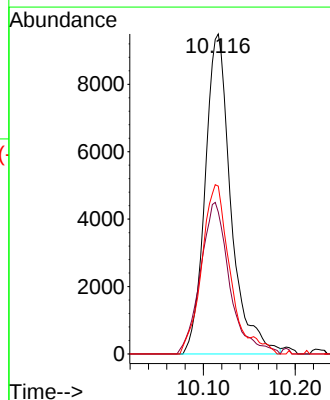
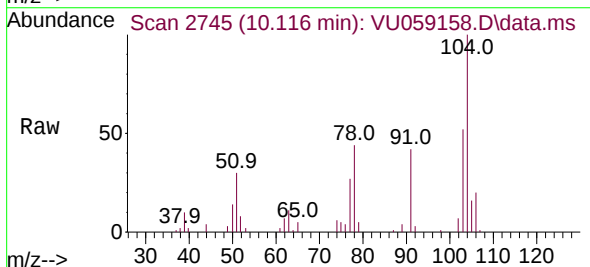
Instrument :
MSVOA_U
ClientSampleId :

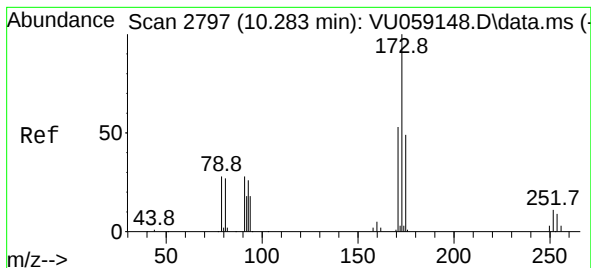
Tgt Ion:106 Resp: 12095
Ion Ratio Lower Upper
106 100
91 219.2 110.7 332.1



#66
Styrene
Concen: 0.656 ug/l
RT: 10.116 min Scan# 2745
Delta R.T. 0.007 min
Lab File: VU059158.D
Acq: 05 Jun 2024 19:14

Tgt Ion:104 Resp: 18581
Ion Ratio Lower Upper
104 100
78 53.4 41.6 62.4
103 58.4 44.6 66.8





#67

Bromoform

Concen: 0.793 ug/l

RT: 10.290 min Scan# 21

Delta R.T. 0.007 min

Lab File: VU059158.D

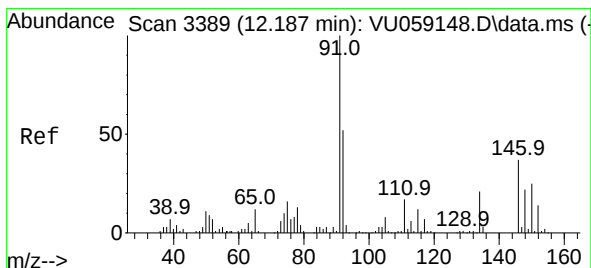
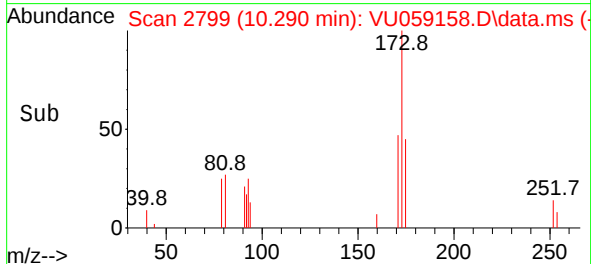
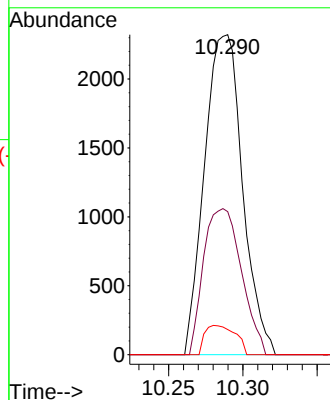
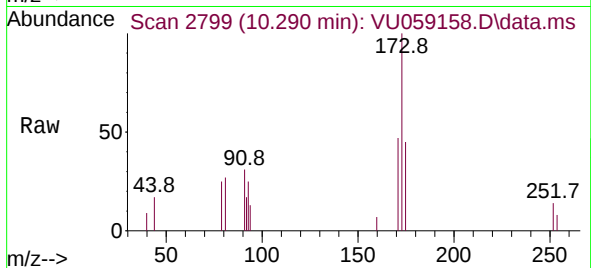
Acq: 05 Jun 2024 19:14

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:173	Resp:	4135
Ion Ratio	Lower	Upper
173	100	
175	45.3	40.1 60.1
254	7.4	7.0 10.4



#68

1,2-Dichlorobenzene-d4

Concen: 0.969 ug/l

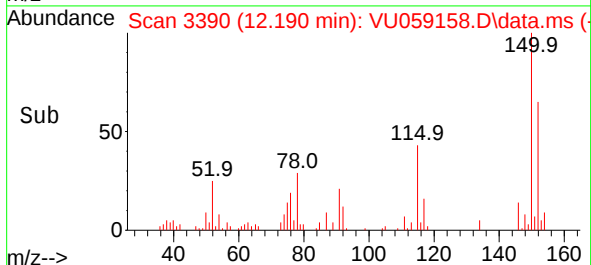
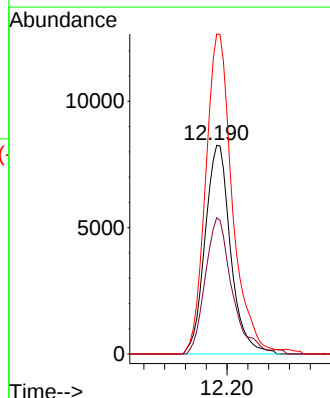
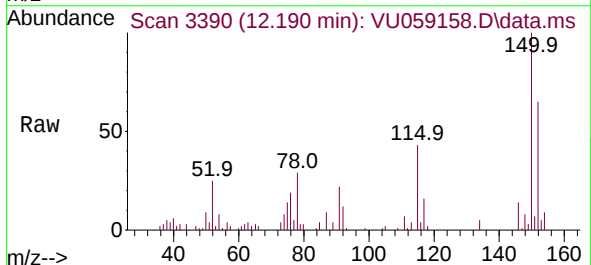
RT: 12.190 min Scan# 3390

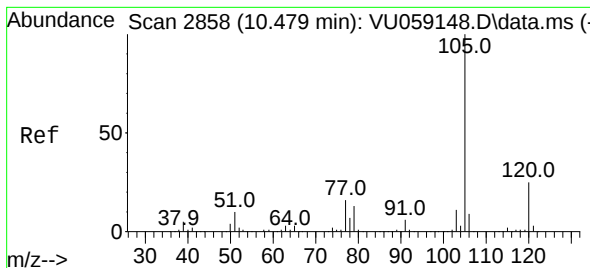
Delta R.T. 0.003 min

Lab File: VU059158.D

Acq: 05 Jun 2024 19:14

Tgt Ion:152	Resp:	14061
Ion Ratio	Lower	Upper
152	100	
115	68.2	0.0 293.2
150	160.5	0.0 636.0





#69

Isopropylbenzene

Concen: 0.668 ug/l

RT: 10.479 min Scan# 2858

Delta R.T. 0.000 min

Lab File: VU059158.D

Acq: 05 Jun 2024 19:14

Instrument :

MSVOA_U

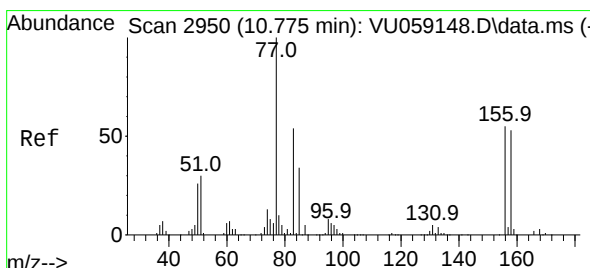
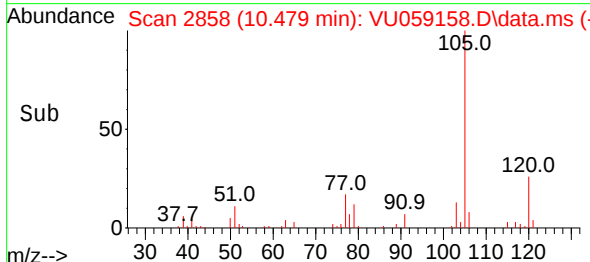
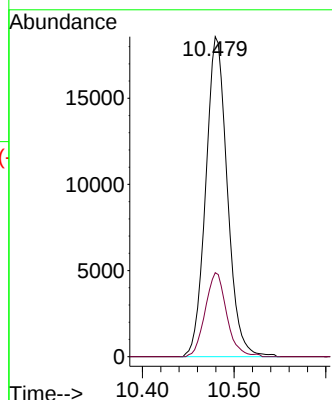
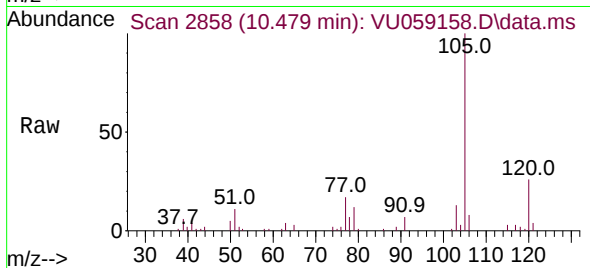
ClientSampleId :

Tgt Ion:105 Resp: 30355

Ion Ratio Lower Upper

105 100

120 26.2 12.7 38.0



#70

1,1,2,2-Tetrachloroethane

Concen: 0.842 ug/l

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU059158.D

Acq: 05 Jun 2024 19:14

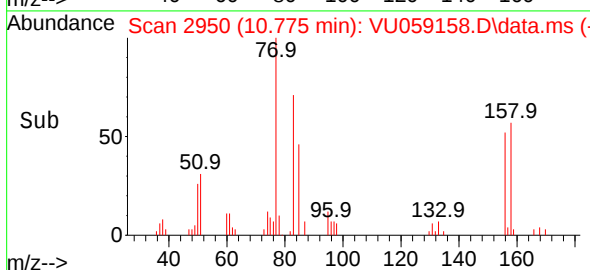
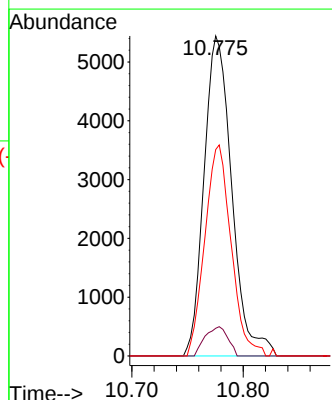
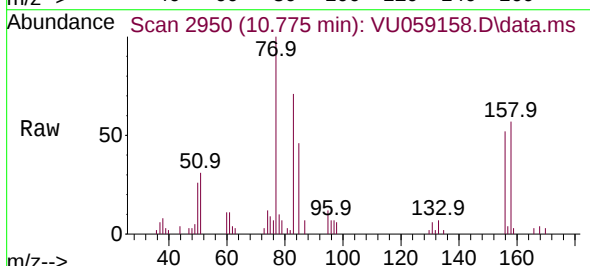
Tgt Ion: 83 Resp: 9425

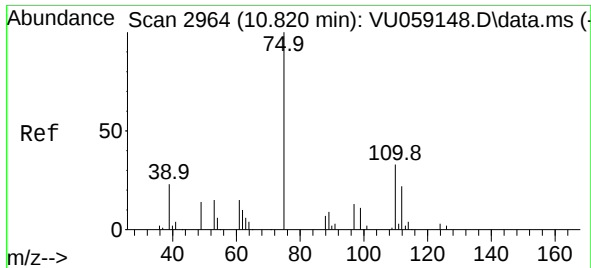
Ion Ratio Lower Upper

83 100

131 7.5 6.6 10.0

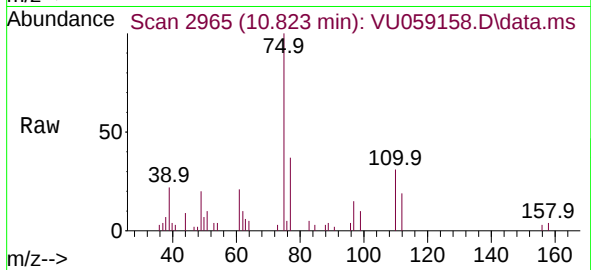
85 62.5 50.1 75.1



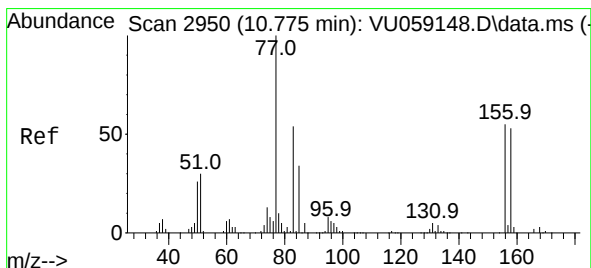
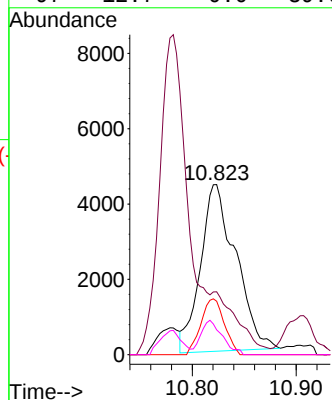
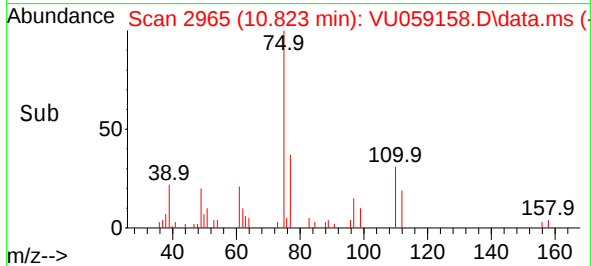


#71
1,2,3-Trichloropropane
Concen: 1.224 ug/l
RT: 10.823 min Scan# 2965
Delta R.T. 0.003 min
Lab File: VU059158.D
Acq: 05 Jun 2024 19:14

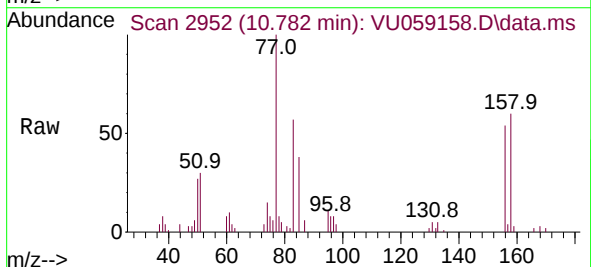
Instrument :
MSVOA_U
ClientSampleId :



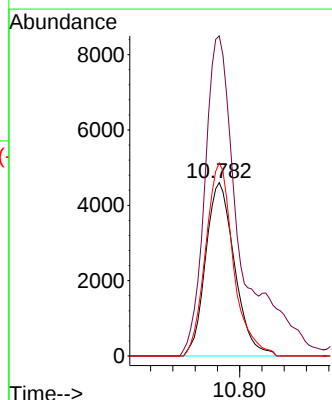
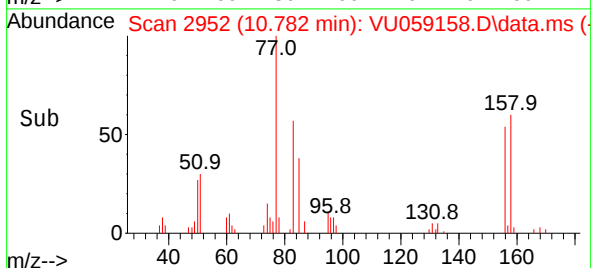
Tgt Ion: 75 Resp: 10454
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0
110 22.2 0.0 68.4
97 12.7 0.0 39.6

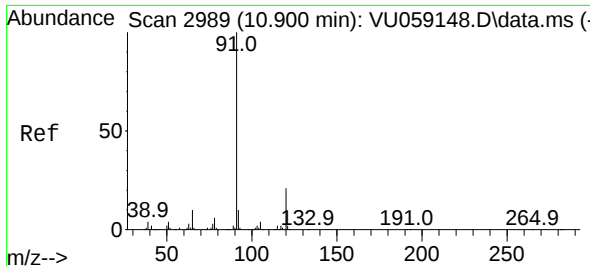


#72
Bromobenzene
Concen: 0.763 ug/l
RT: 10.782 min Scan# 2952
Delta R.T. 0.007 min
Lab File: VU059158.D
Acq: 05 Jun 2024 19:14



Tgt Ion: 156 Resp: 8306
Ion Ratio Lower Upper
156 100
77 191.9 0.0 359.6
158 106.8 0.0 192.2

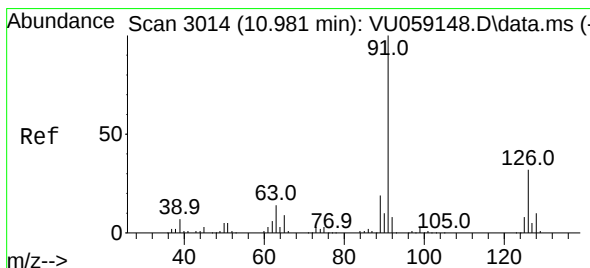
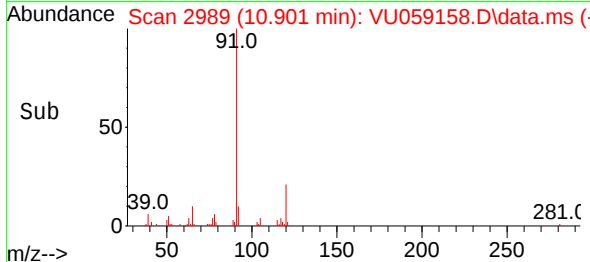
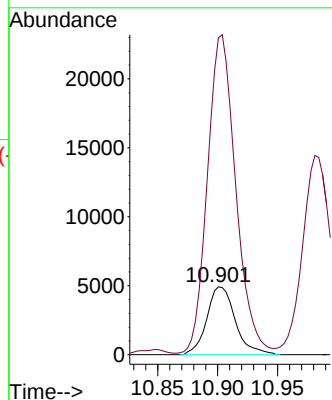
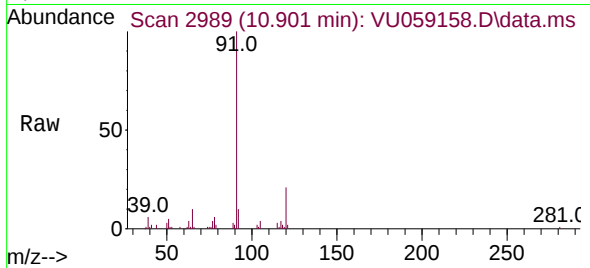




#73
n-propylbenzene
Concen: 0.669 ug/l
RT: 10.901 min Scan# 2989
Delta R.T. 0.000 min
Lab File: VU059158.D
Acq: 05 Jun 2024 19:14

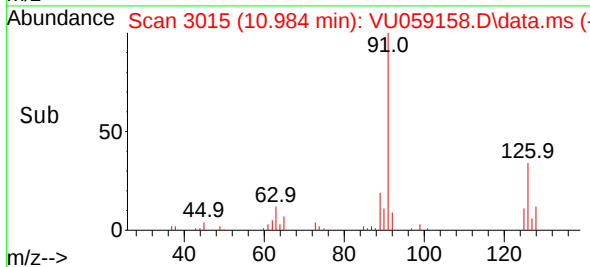
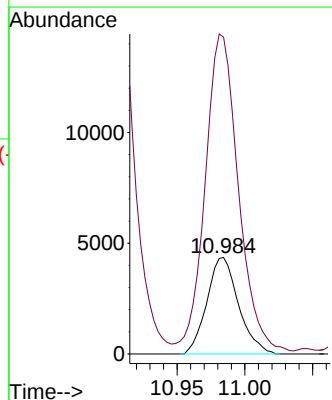
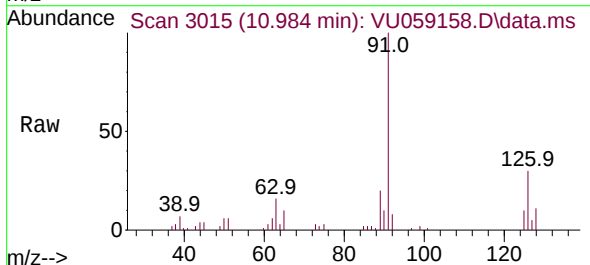
Instrument :
MSVOA_U
ClientSampleId :

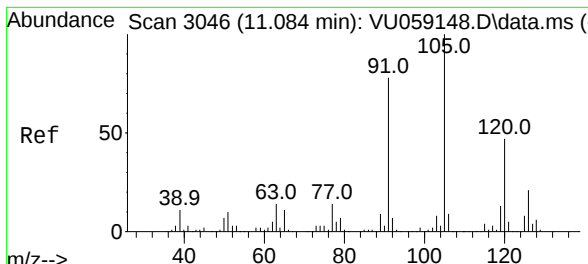
Tgt Ion:120 Resp: 8118
Ion Ratio Lower Upper
120 100
91 465.8 378.6 567.8



#74
2-Chlorotoluene
Concen: 0.637 ug/l
RT: 10.984 min Scan# 3015
Delta R.T. 0.003 min
Lab File: VU059158.D
Acq: 05 Jun 2024 19:14

Tgt Ion:126 Resp: 7069
Ion Ratio Lower Upper
126 100
91 343.6 0.0 627.0

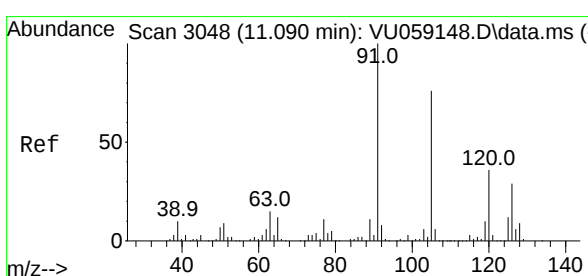
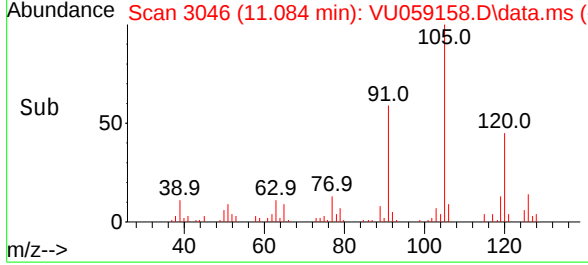
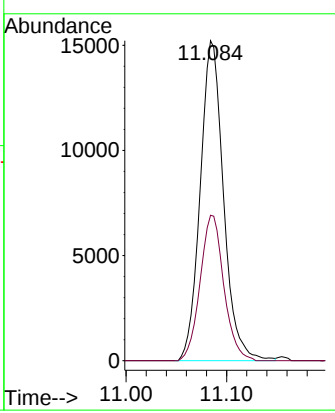
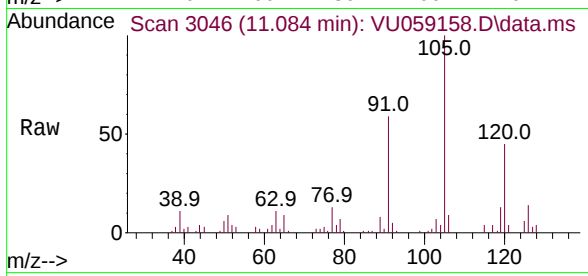




#75
 1,3,5-Trimethylbenzene
 Concen: 0.638 ug/l
 RT: 11.084 min Scan# 3046
 Delta R.T. 0.000 min
 Lab File: VU059158.D
 Acq: 05 Jun 2024 19:14

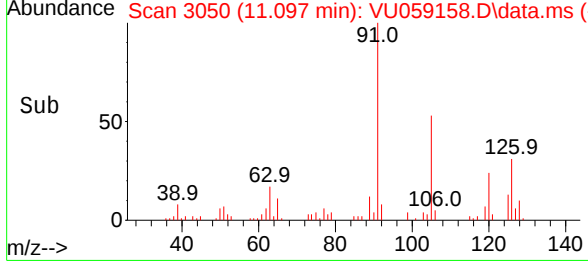
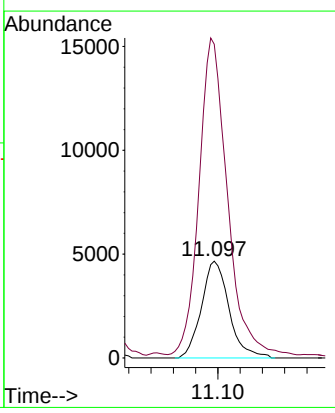
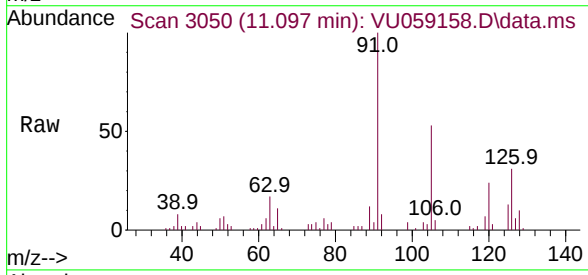
Instrument :
 MSVOA_U
 ClientSampleId :

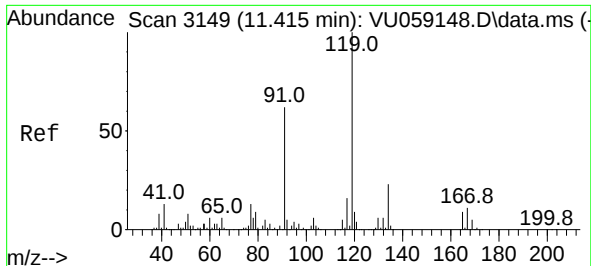
Tgt Ion:	105	Resp:	24512
Ion Ratio	Lower	Upper	
105	100		
120	46.2	37.5	56.3



#76
 4-Chlorotoluene
 Concen: 0.691 ug/l
 RT: 11.097 min Scan# 3050
 Delta R.T. 0.007 min
 Lab File: VU059158.D
 Acq: 05 Jun 2024 19:14

Tgt Ion:	126	Resp:	8022
Ion Ratio	Lower	Upper	
126	100		
91	333.5	0.0	704.4





#77

tert-Butylbenzene

Concen: 0.677 ug/l

RT: 11.415 min Scan# 3149

Delta R.T. 0.000 min

Lab File: VU059158.D

Acq: 05 Jun 2024 19:14

Instrument :

MSVOA_U

ClientSampleId :

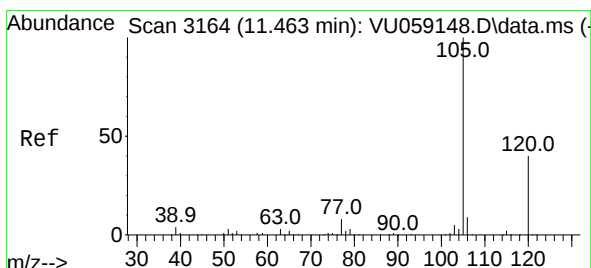
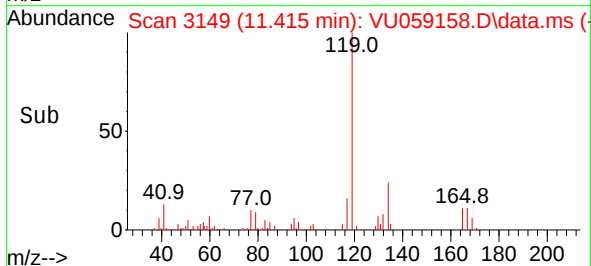
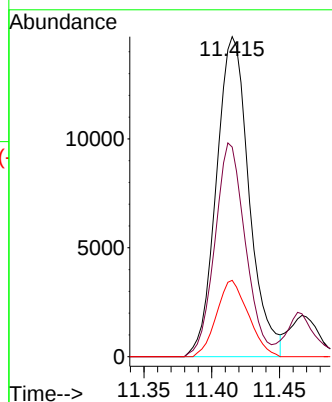
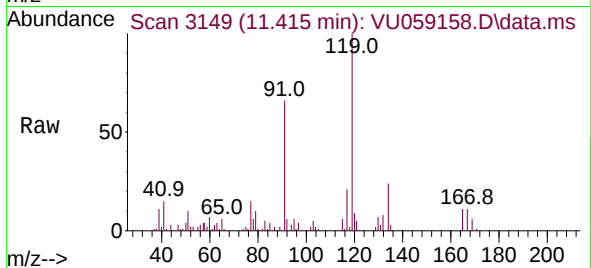
Tgt Ion:119 Resp: 24699

Ion Ratio Lower Upper

119 100

91 62.2 30.7 92.1

134 23.1 17.7 26.5



#78

1,2,4-Trimethylbenzene

Concen: 0.579 ug/l

RT: 11.467 min Scan# 3165

Delta R.T. 0.003 min

Lab File: VU059158.D

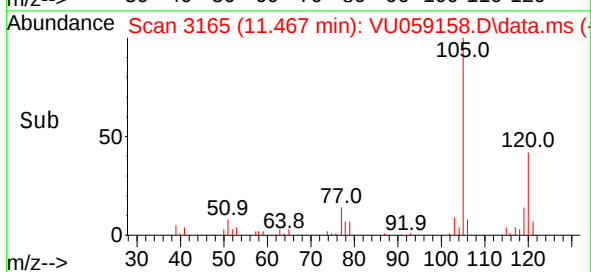
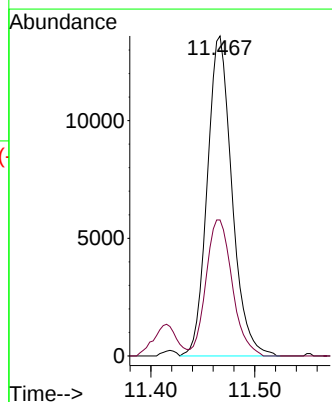
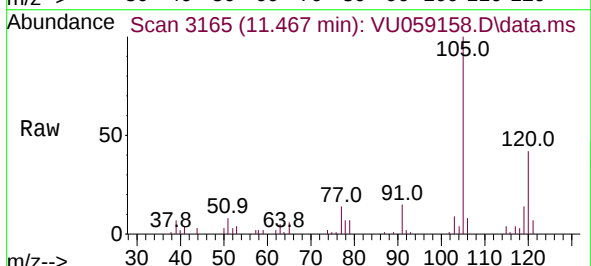
Acq: 05 Jun 2024 19:14

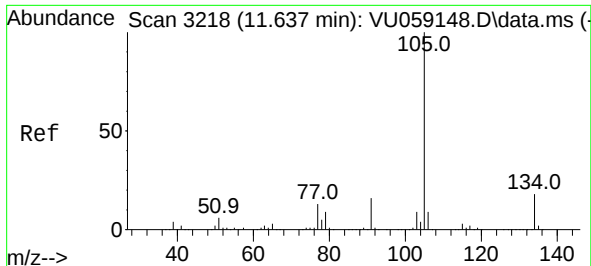
Tgt Ion:105 Resp: 22459

Ion Ratio Lower Upper

105 100

120 45.2 21.7 65.1





#79

sec-Butylbenzene

Concen: 0.632 ug/l

RT: 11.640 min Scan# 3218

Delta R.T. 0.003 min

Lab File: VU059158.D

Acq: 05 Jun 2024 19:14

Instrument :

MSVOA_U

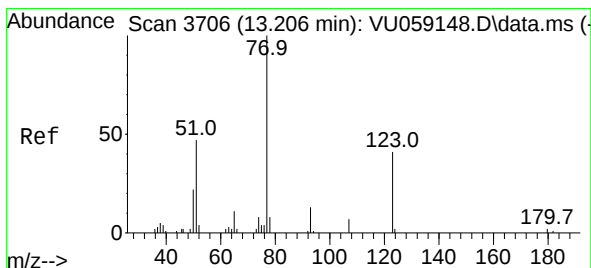
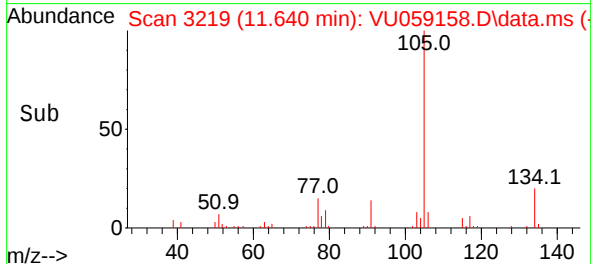
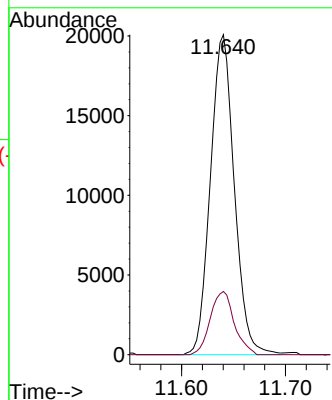
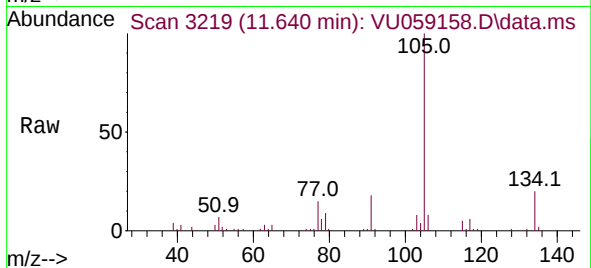
ClientSampleId :

Tgt Ion:105 Resp: 32025

Ion Ratio Lower Upper

105 100

134 19.8 14.5 21.7



#80

Nitrobenzene

Concen: 2.479 ug/l

RT: 13.235 min Scan# 3715

Delta R.T. 0.029 min

Lab File: VU059158.D

Acq: 05 Jun 2024 19:14

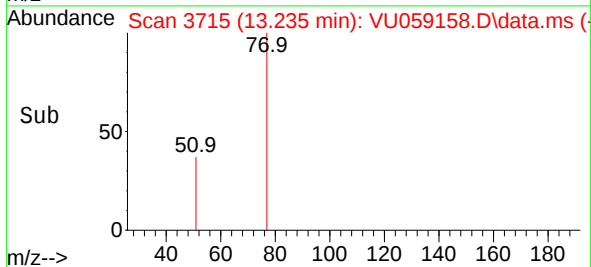
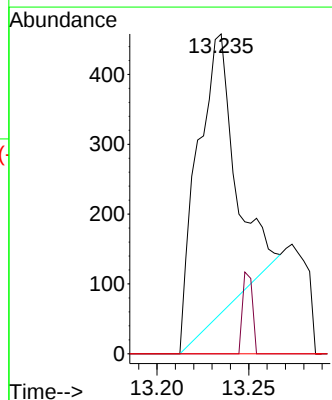
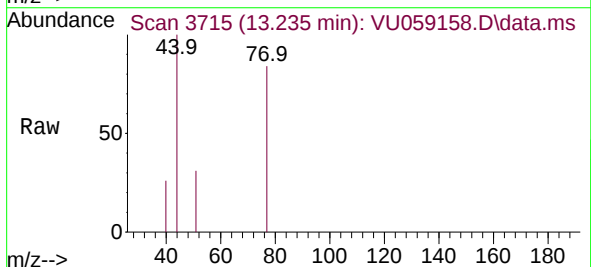
Tgt Ion: 77 Resp: 594

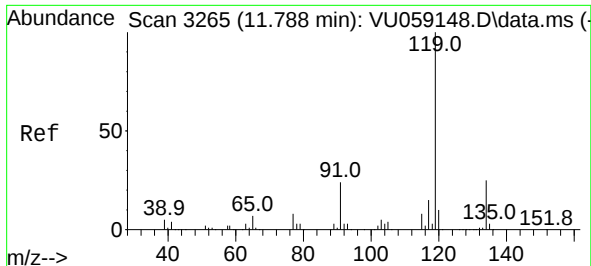
Ion Ratio Lower Upper

77 100

123 7.2 18.3 64.7#

65 0.0 10.6 13.4#

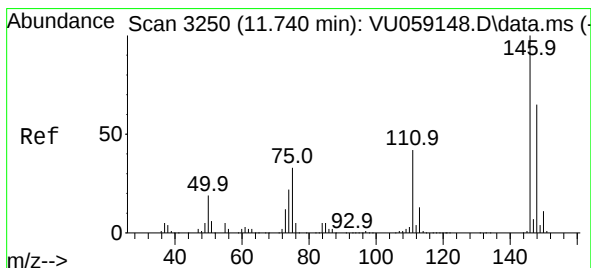
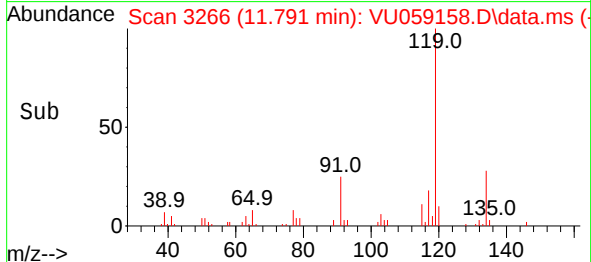
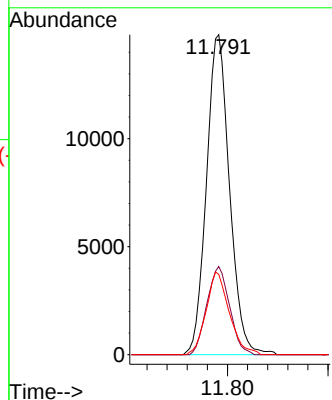
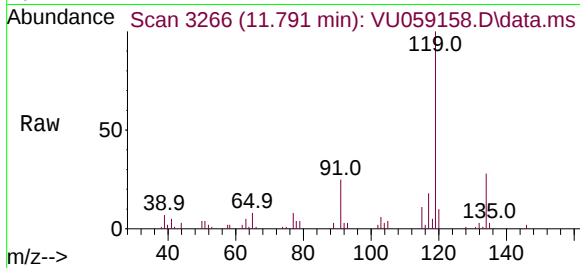




#81
 p-Isopropyltoluene
 Concen: 0.607 ug/l
 RT: 11.791 min Scan# 3266
 Delta R.T. 0.003 min
 Lab File: VU059158.D
 Acq: 05 Jun 2024 19:14

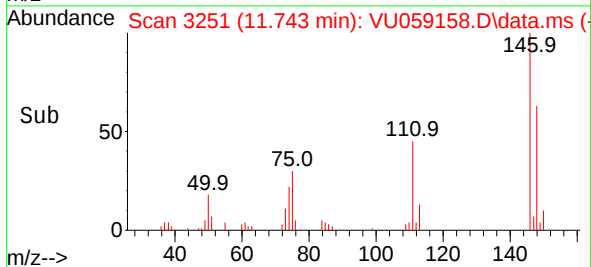
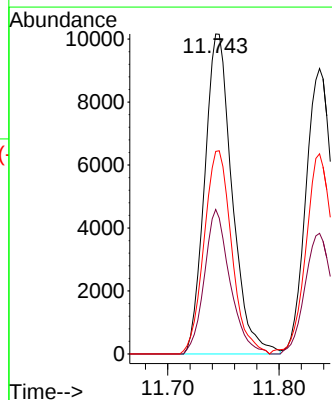
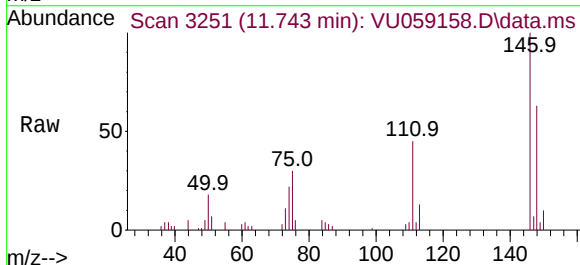
Instrument :
 MSVOA_U
 ClientSampleId :

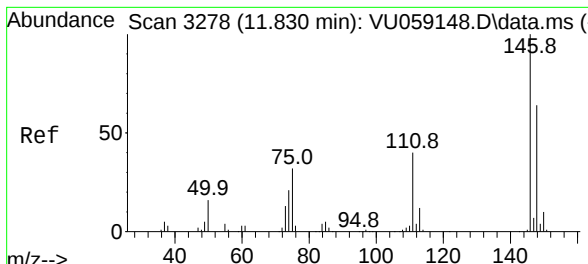
Tgt Ion:119 Resp: 23580
 Ion Ratio Lower Upper
 119 100
 134 27.0 20.2 30.4
 91 25.9 19.3 28.9



#82
 1,3-Dichlorobenzene
 Concen: 0.756 ug/l
 RT: 11.743 min Scan# 3251
 Delta R.T. 0.003 min
 Lab File: VU059158.D
 Acq: 05 Jun 2024 19:14

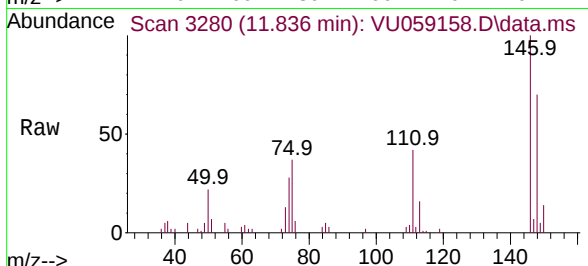
Tgt Ion:146 Resp: 17437
 Ion Ratio Lower Upper
 146 100
 111 42.1 33.4 50.0
 148 63.8 51.2 76.8



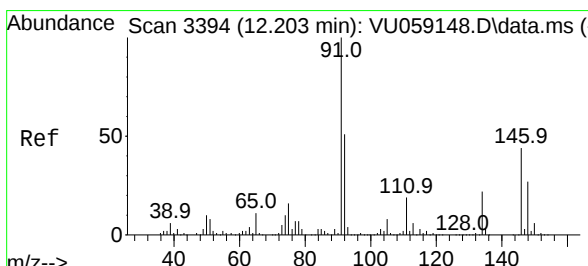
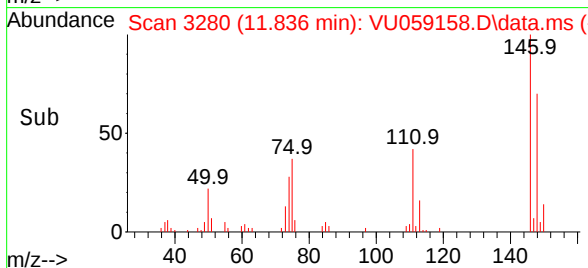
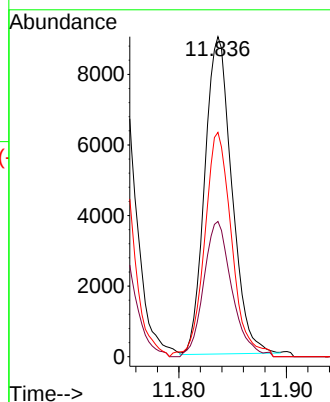


#83
1,4-Dichlorobenzene
Concen: 0.682 ug/l
RT: 11.836 min Scan# 31
Delta R.T. 0.007 min
Lab File: VU059158.D
Acq: 05 Jun 2024 19:14

Instrument :
MSVOA_U
ClientSampleId :

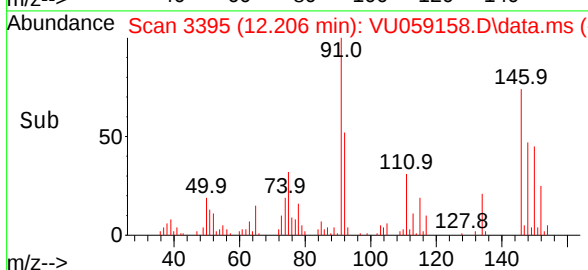
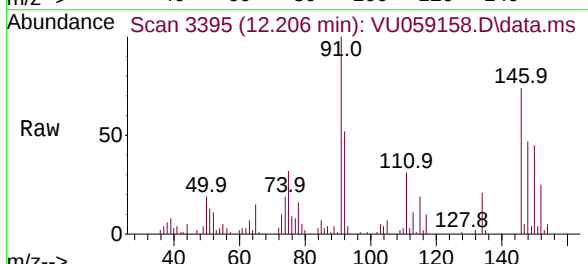
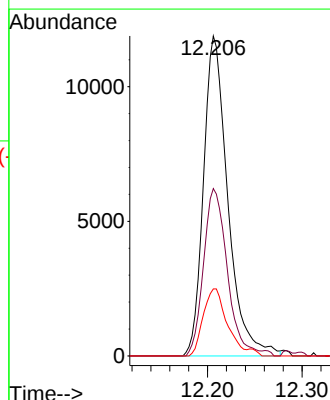


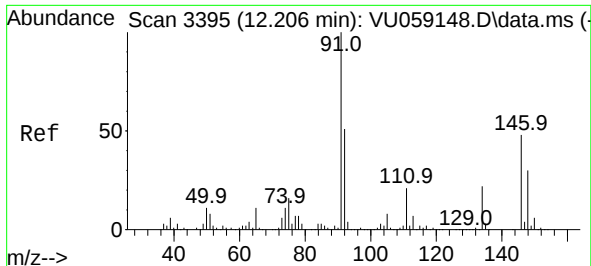
Tgt Ion:146 Resp: 15728
Ion Ratio Lower Upper
146 100
111 44.2 32.1 48.1
148 70.5 51.2 76.8



#84
n-Butylbenzene
Concen: 0.582 ug/l
RT: 12.206 min Scan# 3395
Delta R.T. 0.003 min
Lab File: VU059158.D
Acq: 05 Jun 2024 19:14

Tgt Ion: 91 Resp: 21259
Ion Ratio Lower Upper
91 100
92 51.4 40.7 61.1
134 20.4 17.6 26.4





#85

1,2-Dichlorobenzene

Concen: 0.756 ug/l

RT: 12.209 min Scan# 3395

Delta R.T. 0.003 min

Lab File: VU059158.D

Acq: 05 Jun 2024 19:14

Instrument :

MSVOA_U

ClientSampleId :

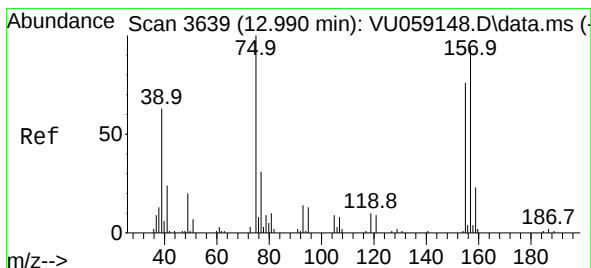
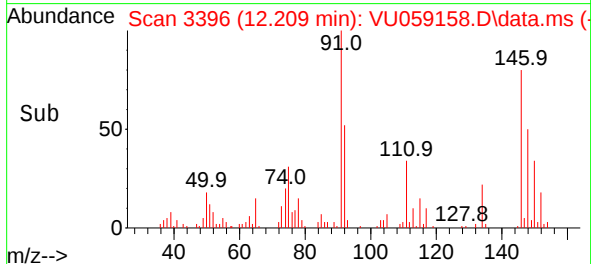
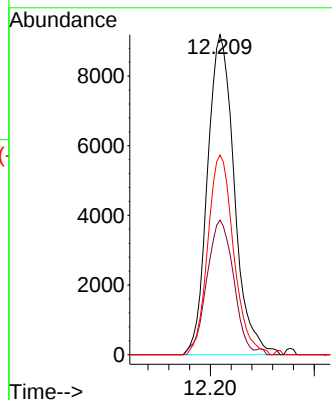
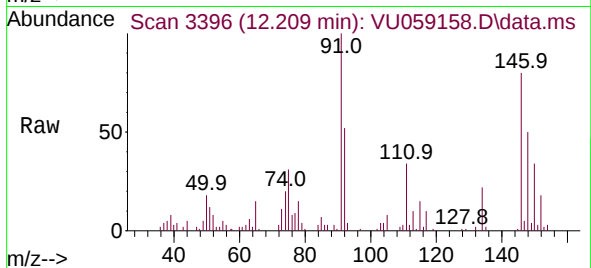
Tgt Ion:146 Resp: 16458

Ion Ratio Lower Upper

146 100

111 42.3 21.8 65.3

148 60.1 31.3 93.9



#86

1,2-Dibromo-3-Chloropropane

Concen: 0.813 ug/l

RT: 13.000 min Scan# 3642

Delta R.T. 0.010 min

Lab File: VU059158.D

Acq: 05 Jun 2024 19:14

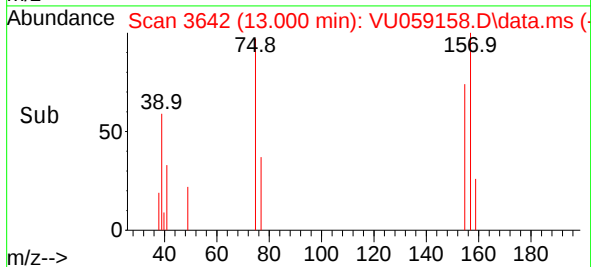
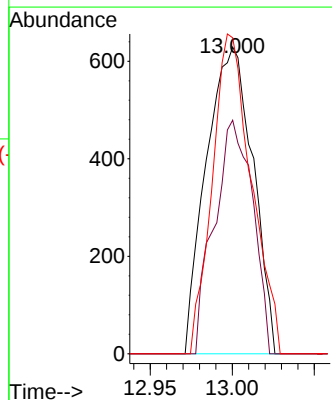
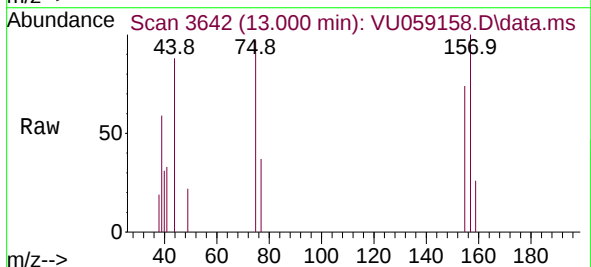
Tgt Ion: 75 Resp: 1238

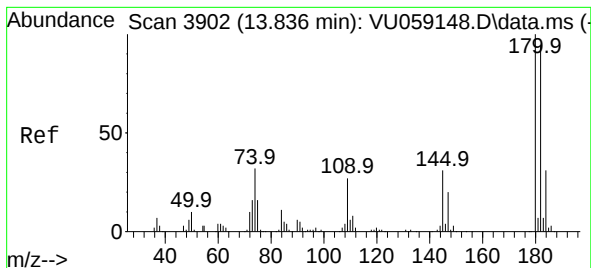
Ion Ratio Lower Upper

75 100

155 63.0 61.2 91.8

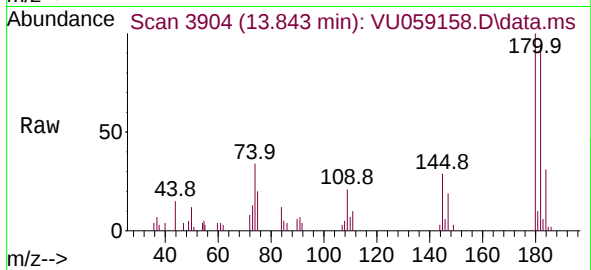
157 87.6 75.8 113.6



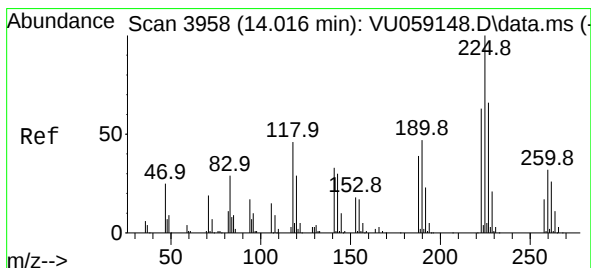
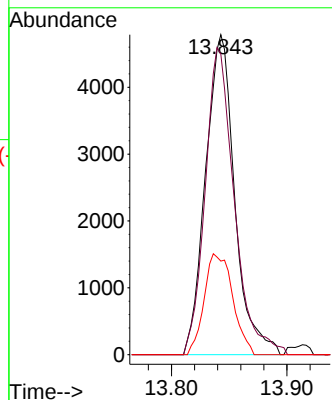
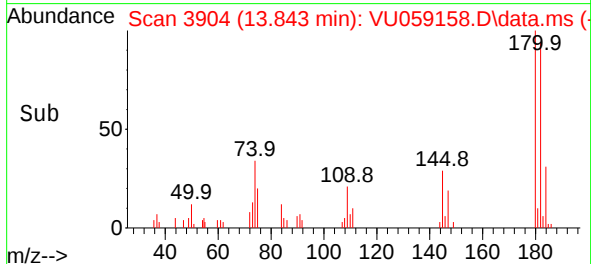


#87
1,2,4-Trichlorobenzene
Concen: 0.720 ug/l
RT: 13.843 min Scan# 3904
Delta R.T. 0.007 min
Lab File: VU059158.D
Acq: 05 Jun 2024 19:14

Instrument :
MSVOA_U
ClientSampleId :

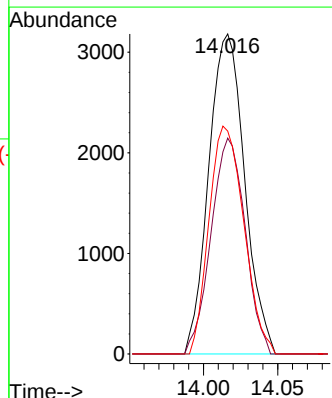
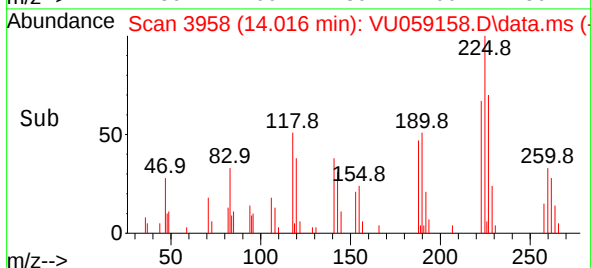
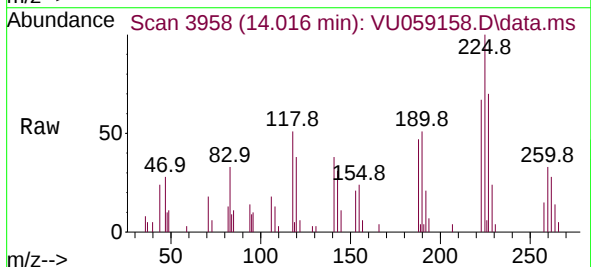


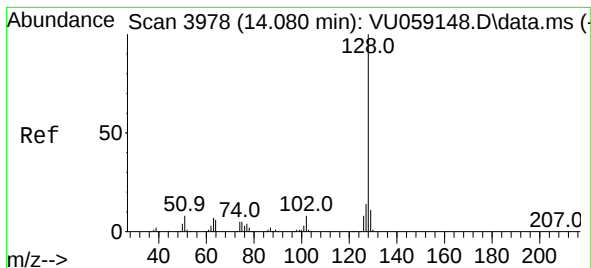
Tgt Ion:180 Resp: 8393
Ion Ratio Lower Upper
180 100
182 95.8 75.7 113.5
145 30.8 24.6 36.8



#88
Hexachlorobutadiene
Concen: 0.735 ug/l
RT: 14.016 min Scan# 3958
Delta R.T. 0.000 min
Lab File: VU059158.D
Acq: 05 Jun 2024 19:14

Tgt Ion:225 Resp: 5352
Ion Ratio Lower Upper
225 100
223 63.9 50.0 75.0
227 69.1 51.8 77.8





#89

Naphthalene

Concen: 0.747 ug/l

RT: 14.090 min Scan# 3981

Delta R.T. 0.010 min

Lab File: VU059158.D

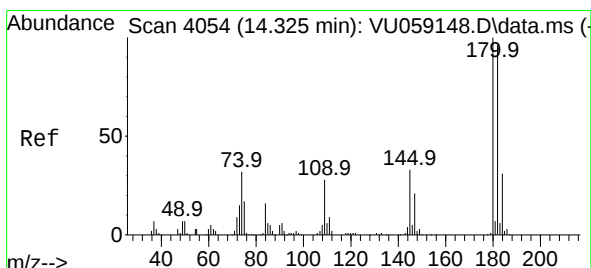
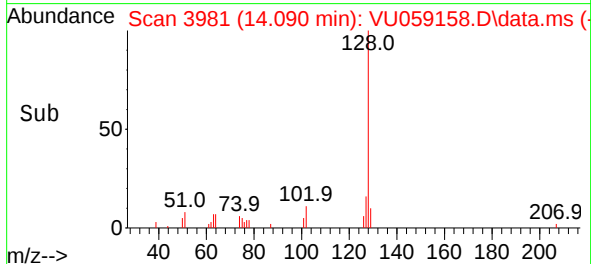
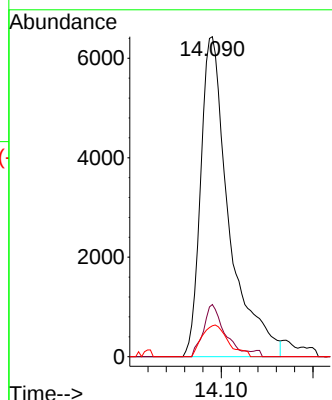
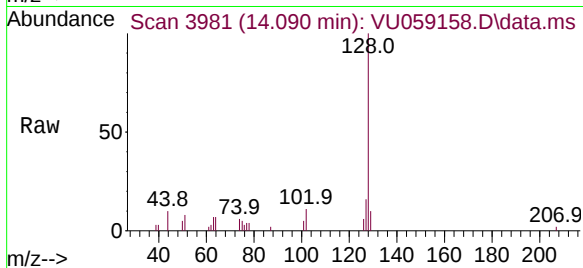
Acq: 05 Jun 2024 19:14

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:128	Resp:	13815
Ion Ratio	Lower	Upper
128	100	
127	12.3	10.7 16.1
129	9.1	8.4 12.6



#90

1,2,3-Trichlorobenzene

Concen: 0.767 ug/l

RT: 14.328 min Scan# 4055

Delta R.T. 0.003 min

Lab File: VU059158.D

Acq: 05 Jun 2024 19:14

Tgt Ion:180	Resp:	8128
Ion Ratio	Lower	Upper
180	100	
182	95.9	76.3 114.5
145	31.0	26.5 39.7

