

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061224\
 Data File : VU059218.D
 Acq On : 12 Jun 2024 12:54
 Operator : MD/SY
 Sample : P2403-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 13 04:35:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U060524DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jun 13 04:35:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.113	96	43731	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	13419	0.902	ug/l	0.00
Spiked Amount 1.000			Recovery	=	90.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	14173	0.910	ug/l	0.00
Spiked Amount 1.000			Recovery	=	91.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	6071	0.443	ug/l	92
3) Chloromethane	1.515	50	7633	0.463	ug/l	97
4) Vinyl Chloride	1.599	62	7557	0.453	ug/l	96
5) Bromomethane	1.853	94	5177	0.511	ug/l	86
6) Chloroethane	1.930	64	4651	0.434	ug/l	96
7) Trichlorofluoromethane	2.136	101	8991	0.435	ug/l	94
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	5430	0.511	ug/l	96
9) 1,1-Dichloroethene	2.573	96	4961	0.471	ug/l	93
10) Iodomethane	2.718	142	5715	0.430	ug/l	93
11) Allyl Chloride	2.917	41	6458	0.454	ug/l	95
12) Acrylonitrile	3.341	53	502	0.211	ug/l #	1
13) Acetone	2.657	43	5080	1.403	ug/l	91
14) Carbon Disulfide	2.788	76	15543	0.463	ug/l	98
15) Methylene Chloride	3.039	84	9574	0.663	ug/l	95
16) trans-1,2-Dichloroethene	3.348	96	5360	0.466	ug/l	98
17) 1,1-Dichloroethane	3.869	63	10271	0.427	ug/l #	90
18) 2-Butanone	4.898	43	216	0.054	ug/l	76
19) Cyclohexane	5.380	56	6210	0.357	ug/l	87
20) Methylcyclohexane	6.756	83	7259	0.415	ug/l	98
21) 2,2-Dichloropropane	4.657	77	7521	0.423	ug/l	100
22) cis-1,2-Dichloroethene	4.666	96	5683	0.455	ug/l	93
23) Diethyl Ether	2.374	59	4205	0.426	ug/l	96
24) tert-Butyl Alcohol	3.213	59	101	0.159	ug/l #	89
25) Methyl tert-Butyl Ether	3.361	73	10646	0.422	ug/l	100
26) Bromochloromethane	4.972	128	2310	0.438	ug/l	92
27) Chloroform	5.087	83	11168	0.462	ug/l	94
28) 1,1,1-Trichloroethane	5.309	97	8771	0.460	ug/l	96
29) 1,1-Dichloropropene	5.525	75	6849	0.428	ug/l	95
30) Carbon Tetrachloride	5.518	117	6720	0.430	ug/l #	89
31) Isopropyl Ether	3.988	45	12392	0.393	ug/l	93
32) Ethyl-t-butyl ether	4.493	59	12014	0.409	ug/l	99
33) Tert-Amyl methyl ether	5.933	73	10270	0.396	ug/l	96
34) Propionitrile	4.840	54	1079	1.173	ug/l #	62
35) Benzene	5.772	78	21951	0.437	ug/l	96
36) 1,2-Dichloroethane	5.795	62	6489	0.435	ug/l	99
37) Trichloroethene	6.541	130	5682	0.473	ug/l	94
38) 1,2-Dichloropropane	6.791	63	5935	0.416	ug/l	91
39) Methacrylonitrile	4.988	41	265	0.077	ug/l #	54
40) Methyl acrylate	4.917	55	1300	0.216	ug/l #	75
41) Tetrahydrofuran	5.081	42	1507	0.821	ug/l #	39
42) 1-Chlorobutane	5.454	56	9264	0.419	ug/l	97
43) Dibromomethane	6.920	93	3131	0.484	ug/l	95
44) Bromodichloromethane	7.100	83	7460	0.445	ug/l #	96

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 ALS Vial : 7 Sample Multiplier: 1

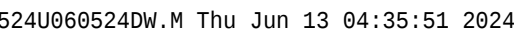
Instrument :
 MSVOA_U
 ClientSampleId :

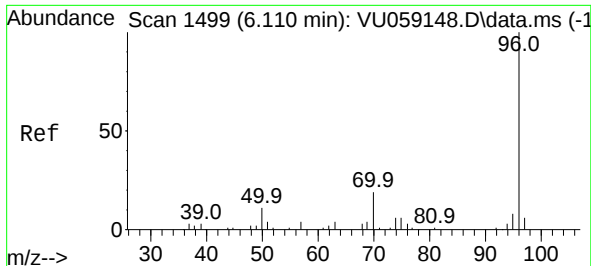
Quant Time: Jun 13 04:35:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U060524DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jun 13 04:35:23 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.791	43	12619	1.821	ug/l	99
46) t-1,4-Dichloro-2-butene	10.823	75	6194	2.106	ug/l #	36
47) Methyl methacrylate	6.968	69	4312	0.777	ug/l #	86
48) Ethyl methacrylate	8.338	69	3113	0.317	ug/l	99
49) Toluene	7.965	92	11512	0.416	ug/l	99
50) t-1,3-Dichloropropene	8.213	75	5501	0.384	ug/l	95
51) cis-1,3-Dichloropropene	7.608	75	7105	0.405	ug/l	98
52) 1,1,2-Trichloroethane	8.396	97	4145	0.434	ug/l	89
53) 1,3-Dichloropropane	8.573	76	7226	0.439	ug/l	100
54) 2-Hexanone	8.695	43	8553	1.592	ug/l	92
55) Dibromochloromethane	8.807	129	4662	0.451	ug/l	94
56) 1,2-Dibromoethane	8.920	107	3640	0.435	ug/l	93
58) Tetrachloroethene	8.547	164	5611	0.507	ug/l	96
59) Chlorobenzene	9.447	112	14237	0.470	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.534	131	4739	0.437	ug/l	98
61) Pentachloroethane	11.422	117	3515	0.418	ug/l	99
62) Hexachloroethane	12.470	117	3742	0.437	ug/l	98
63) Ethyl Benzene	9.569	91	19961	0.390	ug/l	93
64) m/p-Xylenes	9.692	106	14316	0.742	ug/l	99
65) o-Xylene	10.100	106	7000	0.368	ug/l	98
66) Styrene	10.119	104	10695	0.352	ug/l	95
67) Bromoform	10.290	173	2467	0.441	ug/l #	99
69) Isopropylbenzene	10.483	105	18463	0.379	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.778	83	5295	0.441	ug/l	98
71) 1,2,3-Trichloropropane	10.823	75	6194	0.676	ug/l #	79
72) Bromobenzene	10.785	156	5214	0.446	ug/l	95
73) n-propylbenzene	10.907	120	4845	0.372	ug/l	93
74) 2-Chlorotoluene	10.984	126	4627	0.389	ug/l	92
75) 1,3,5-Trimethylbenzene	11.087	105	14346	0.348	ug/l	93
76) 4-Chlorotoluene	11.100	126	4998	0.401	ug/l	92
77) tert-Butylbenzene	11.415	119	14889	0.381	ug/l	97
78) 1,2,4-Trimethylbenzene	11.467	105	14014	0.337	ug/l	97
79) sec-Butylbenzene	11.640	105	21438	0.395	ug/l	99
80) Nitrobenzene	13.241	77	493	1.917	ug/l #	72
81) p-Isopropyltoluene	11.791	119	14876	0.357	ug/l	98
82) 1,3-Dichlorobenzene	11.746	146	11555	0.467	ug/l	96
83) 1,4-Dichlorobenzene	11.839	146	10772	0.435	ug/l	98
84) n-Butylbenzene	12.209	91	15105	0.385	ug/l	100
85) 1,2-Dichlorobenzene	12.212	146	10146	0.434	ug/l	95
86) 1,2-Dibromo-3-Chloropr...	13.003	75	726	0.444	ug/l #	85
87) 1,2,4-Trichlorobenzene	13.843	180	5625	0.450	ug/l	97
88) Hexachlorobutadiene	14.016	225	4068	0.521	ug/l	94
89) Naphthalene	14.090	128	8017	0.394	ug/l	97
90) 1,2,3-Trichlorobenzene	14.331	180	5545	0.488	ug/l	94

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

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QLast Update : Thu Jun 13 04:35:23 2024
Response via : Initial Calibration

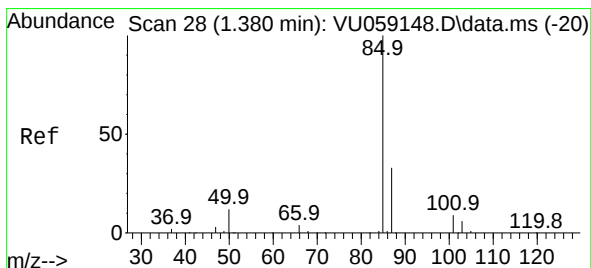
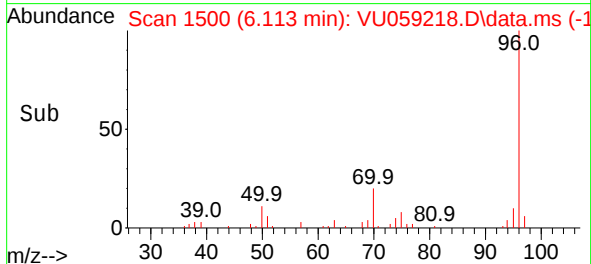
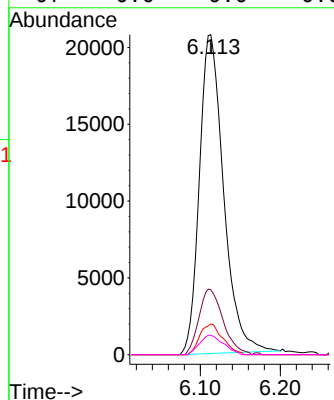
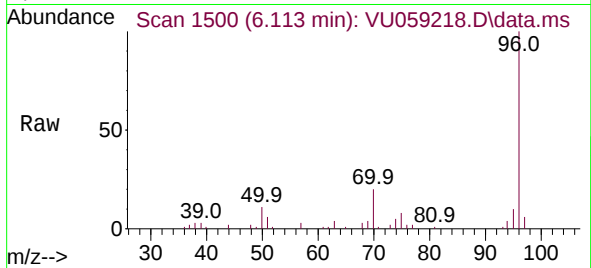




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.113 min Scan# 1499
Delta R.T. 0.003 min
Lab File: VU059218.D
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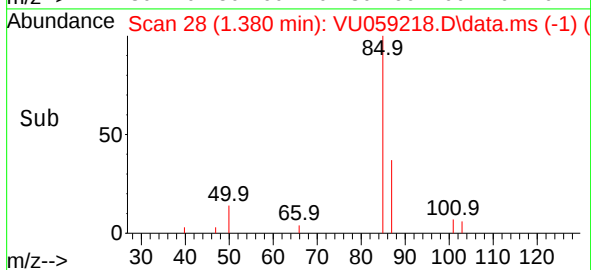
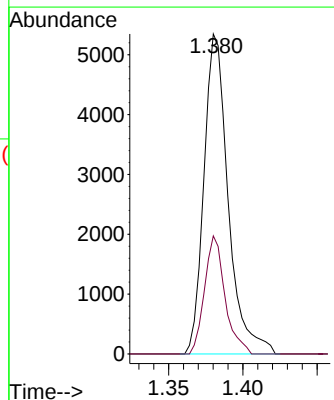
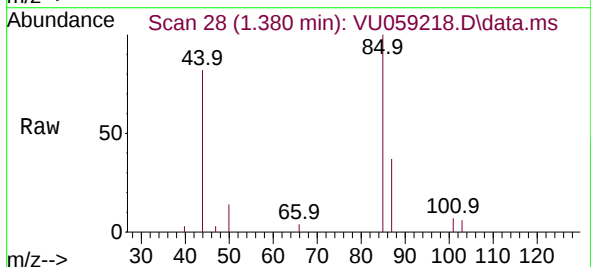
Instrument :
MSVOA_U
ClientSampleId :

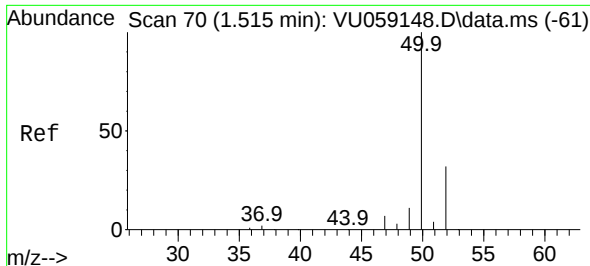
Tgt Ion: 96	Resp: 43731
Ion Ratio	Lower Upper
96 100	
70 20.4	16.6 24.8
95 9.1	7.1 10.7
97 6.0	0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 0.443 ug/l
RT: 1.380 min Scan# 28
Delta R.T. 0.000 min
Lab File: VU059218.D
Acq: 12 Jun 2024 12:54

Tgt Ion: 85	Resp: 6071
Ion Ratio	Lower Upper
85 100	
87 36.9	16.3 48.9

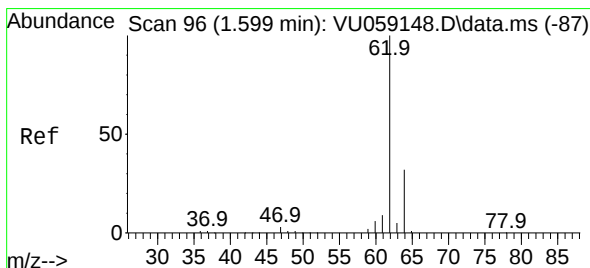
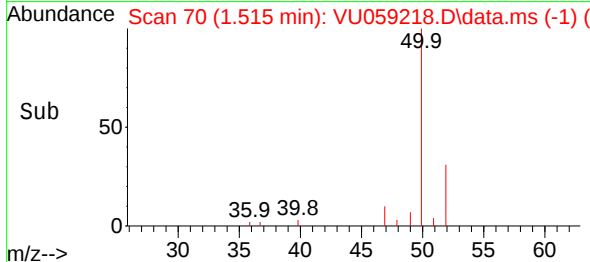
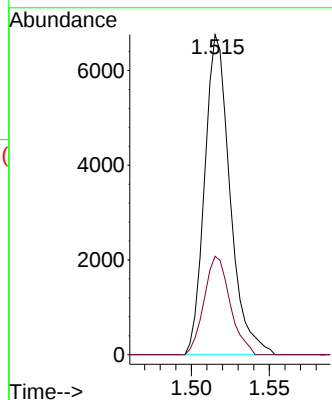
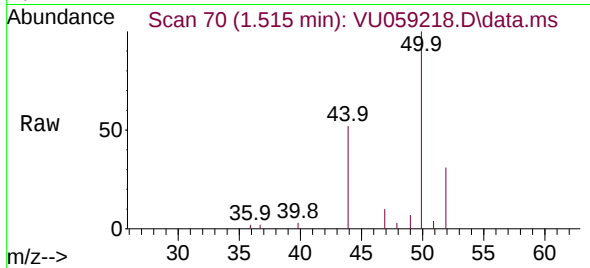




#3
Chloromethane
Concen: 0.463 ug/l
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU059218.D
Acq: 12 Jun 2024 12:54

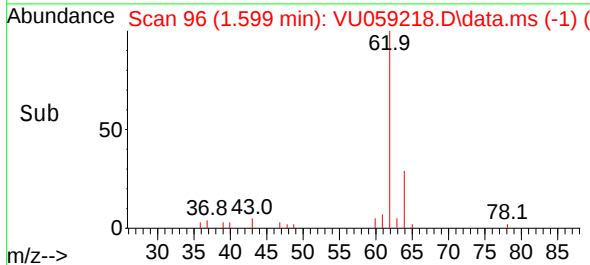
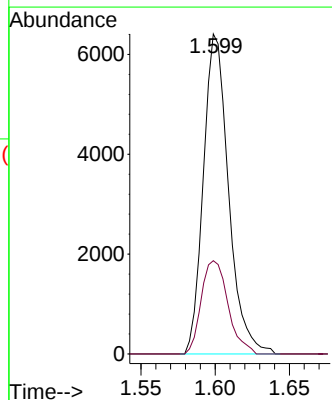
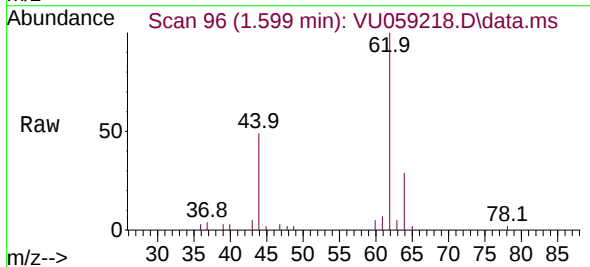
Instrument :
MSVOA_U
ClientSampleId :

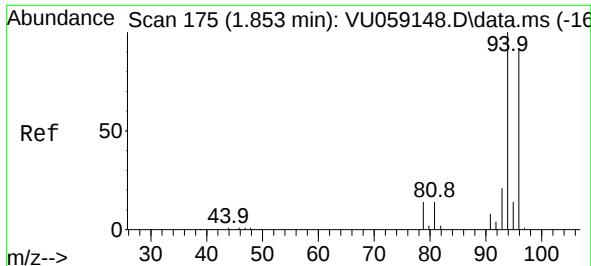
Tgt Ion: 50 Resp: 7633
Ion Ratio Lower Upper
50 100
52 30.8 26.0 39.0



#4
Vinyl Chloride
Concen: 0.453 ug/l
RT: 1.599 min Scan# 96
Delta R.T. 0.000 min
Lab File: VU059218.D
Acq: 12 Jun 2024 12:54

Tgt Ion: 62 Resp: 7557
Ion Ratio Lower Upper
62 100
64 29.2 25.2 37.8

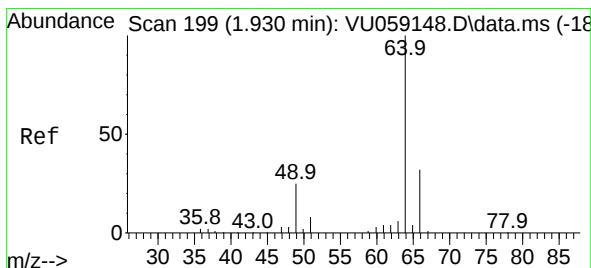
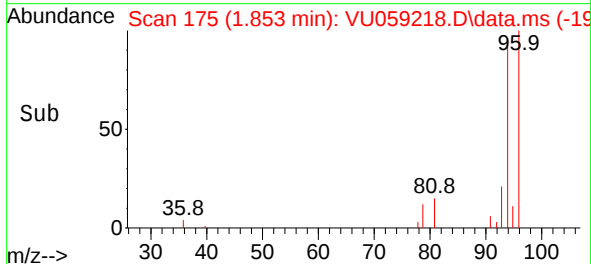
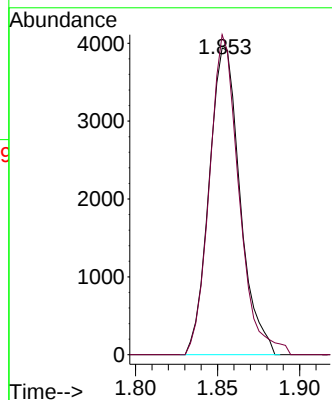
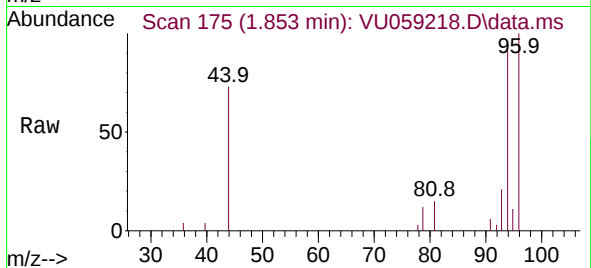




#5
Bromomethane
Concen: 0.511 ug/l
RT: 1.853 min Scan# 175
Delta R.T. 0.000 min
Lab File: VU059218.D
Acq: 12 Jun 2024 12:54

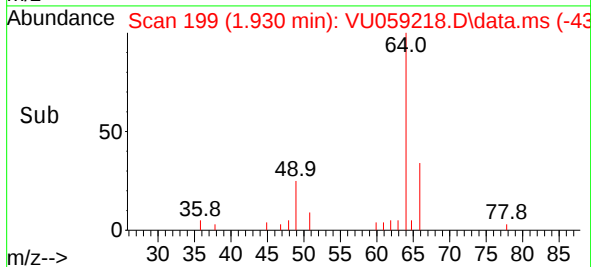
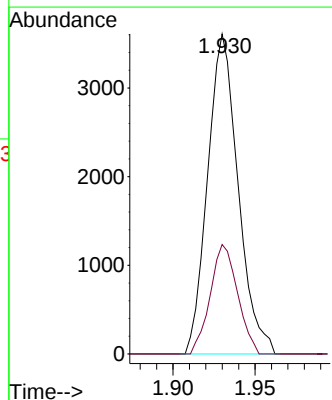
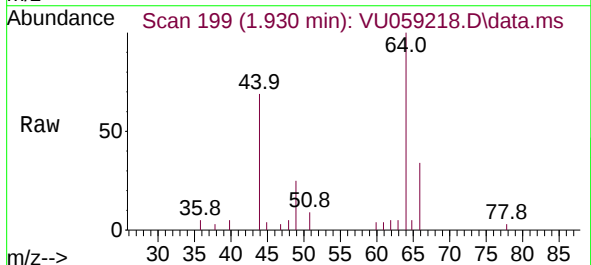
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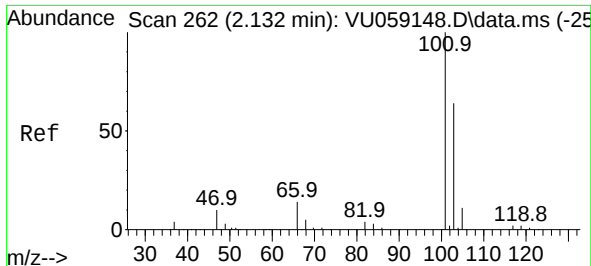
Tgt Ion: 94 Resp: 5177
Ion Ratio Lower Upper
94 100
96 104.3 72.7 109.1



#6
Chloroethane
Concen: 0.434 ug/l
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU059218.D
Acq: 12 Jun 2024 12:54

Tgt Ion: 64 Resp: 4651
Ion Ratio Lower Upper
64 100
66 34.2 25.5 38.3

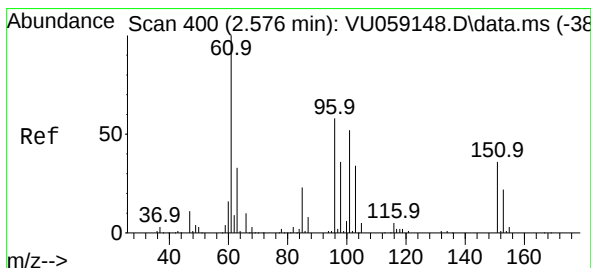
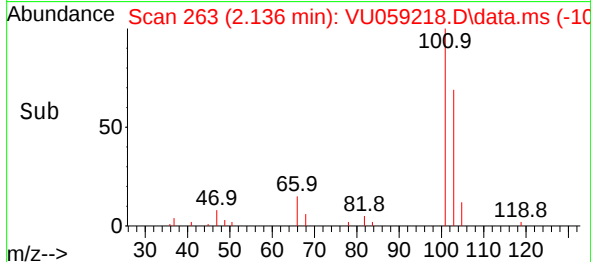
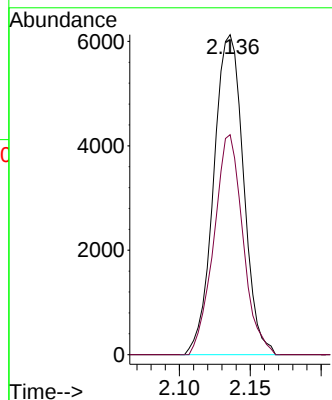
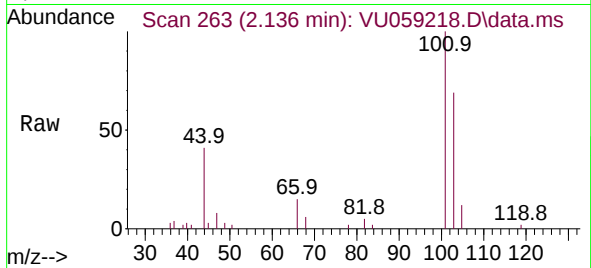




#7
 Trichlorofluoromethane
 Concen: 0.435 ug/l
 RT: 2.136 min Scan# 2
 Delta R.T. 0.003 min
 Lab File: VU059218.D
 Acq: 12 Jun 2024 12:54

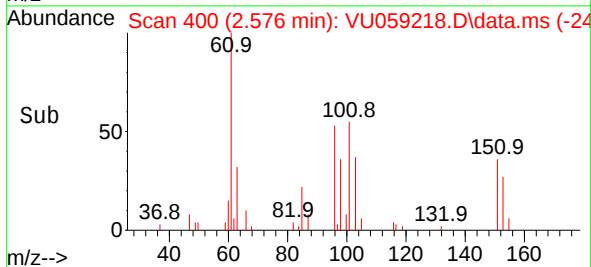
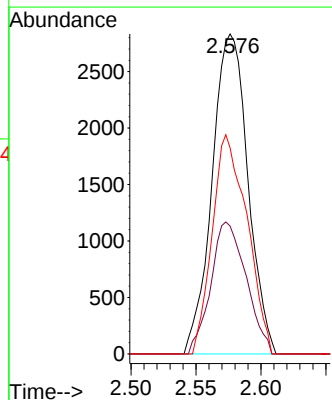
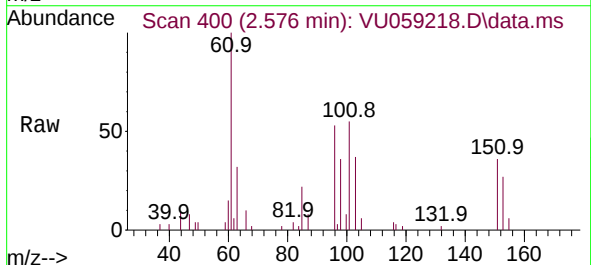
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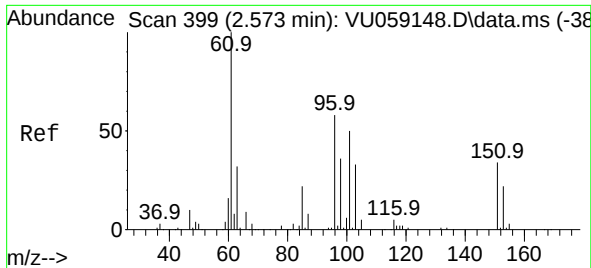
Tgt Ion:101 Resp: 8991
 Ion Ratio Lower Upper
 101 100
 103 68.7 51.1 76.7



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.511 ug/l
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU059218.D
 Acq: 12 Jun 2024 12:54

Tgt Ion:101 Resp: 5430
 Ion Ratio Lower Upper
 101 100
 85 40.7 36.1 54.1
 151 66.5 55.0 82.6





#9

1,1-Dichloroethene

Concen: 0.471 ug/l

RT: 2.573 min Scan# 399

Delta R.T. 0.000 min

Lab File: VU059218.D

Acq: 12 Jun 2024 12:54

Instrument :

MSVOA_U

ClientSampleId :

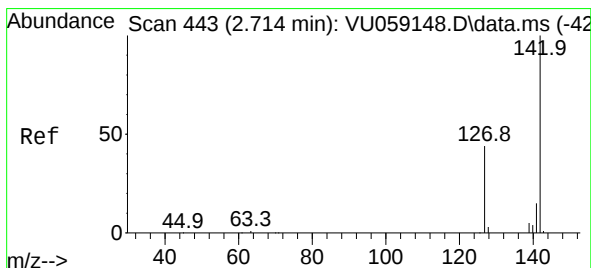
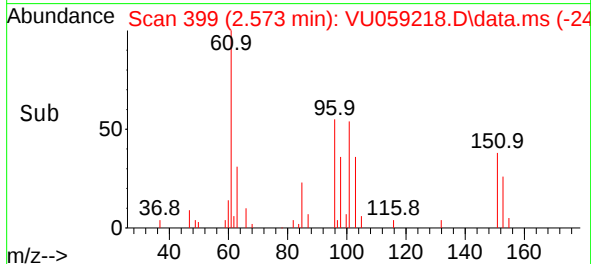
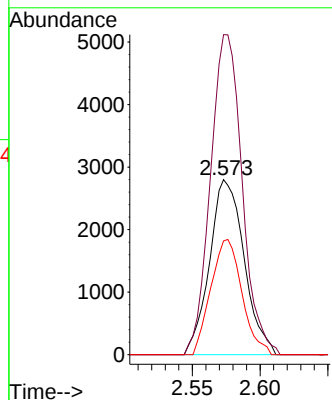
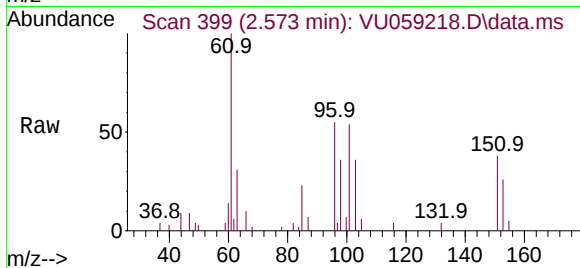
Tgt Ion: 96 Resp: 4961

Ion Ratio Lower Upper

96 100

61 182.9 0.0 515.4

98 65.0 0.0 124.4



#10

Iodomethane

Concen: 0.430 ug/l

RT: 2.718 min Scan# 444

Delta R.T. 0.004 min

Lab File: VU059218.D

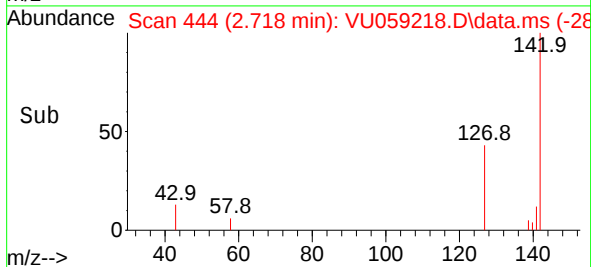
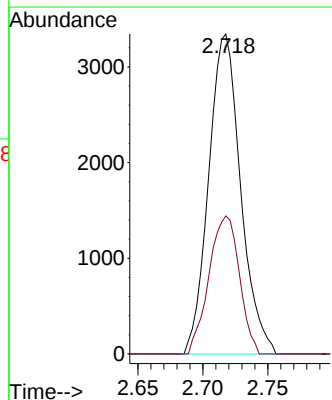
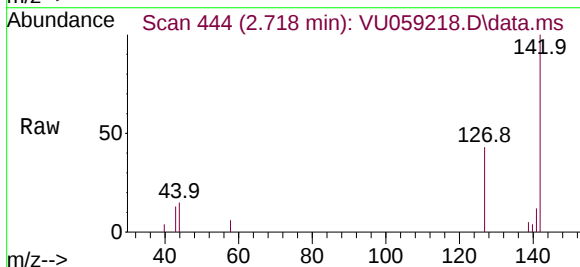
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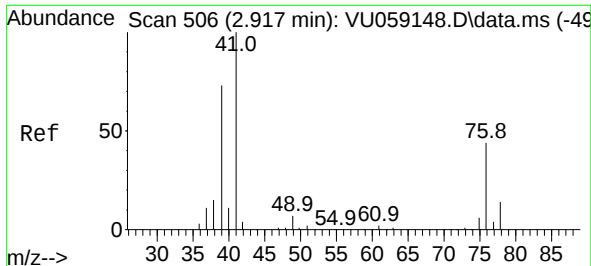
Tgt Ion: 142 Resp: 5715

Ion Ratio Lower Upper

142 100

127 41.0 36.2 54.4





#11

Allyl Chloride

Concen: 0.454 ug/l

RT: 2.917 min Scan# 506

Delta R.T. 0.000 min

Lab File: VU059218.D

Acq: 12 Jun 2024 12:54

Instrument :

MSVOA_U

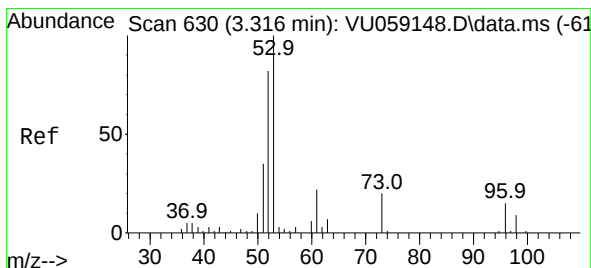
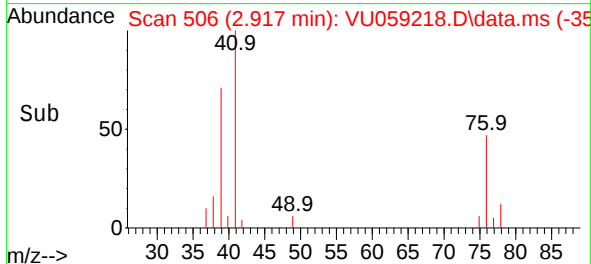
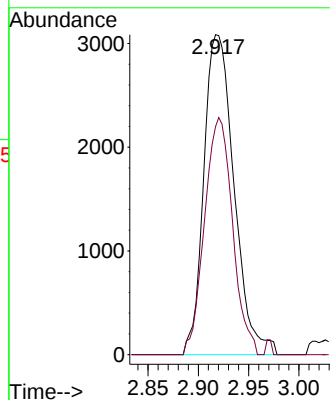
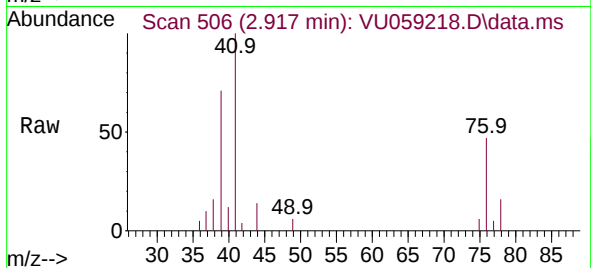
ClientSampleId :

Tgt Ion: 41 Resp: 6458

Ion Ratio Lower Upper

41 100

39 68.6 58.1 87.1



#12

Acrylonitrile

Concen: 0.211 ug/l

RT: 3.341 min Scan# 638

Delta R.T. 0.026 min

Lab File: VU059218.D

Acq: 12 Jun 2024 12:54

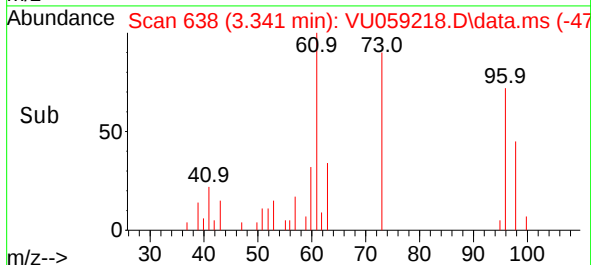
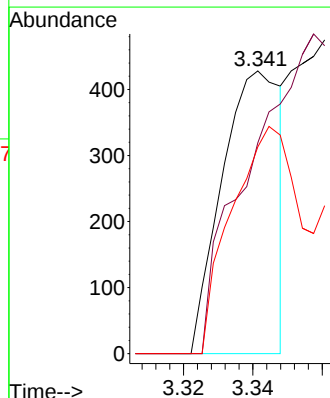
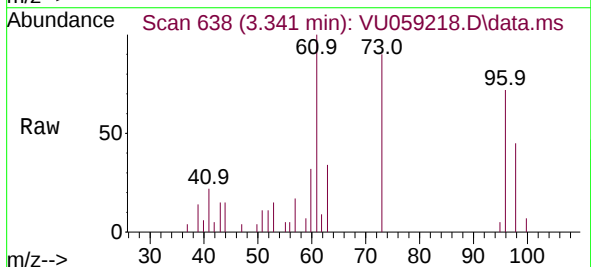
Tgt Ion: 53 Resp: 502

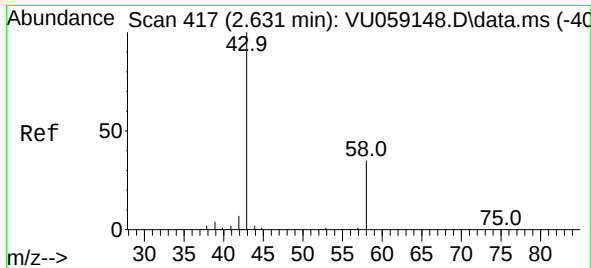
Ion Ratio Lower Upper

53 100

52 198.0 64.2 96.4#

51 94.2 33.0 49.4#





#13

Acetone

Concen: 1.403 ug/l

RT: 2.657 min Scan# 417

Delta R.T. 0.026 min

Lab File: VU059218.D

Acq: 12 Jun 2024 12:54

Instrument :

MSVOA_U

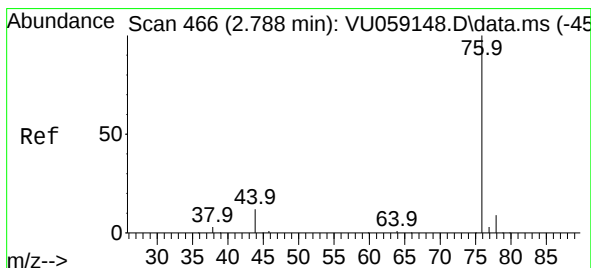
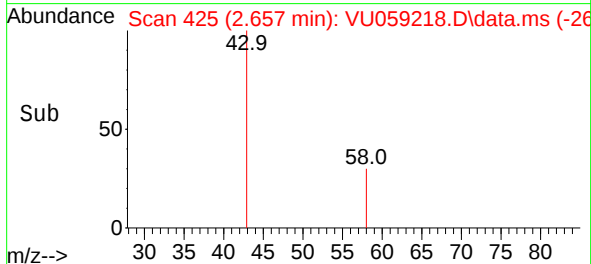
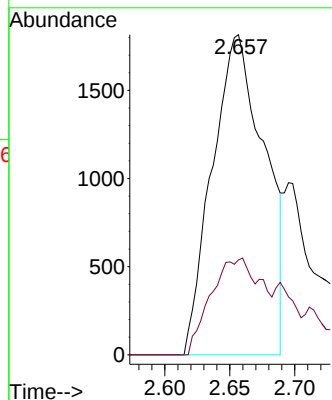
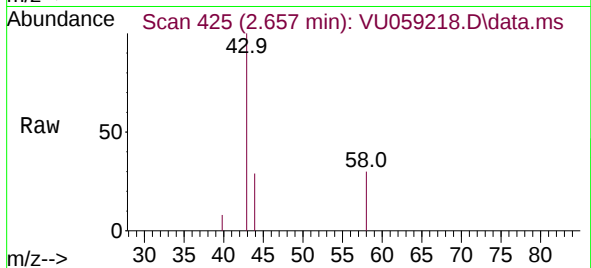
ClientSampleId :

Tgt Ion: 43 Resp: 5080

Ion Ratio Lower Upper

43 100

58 29.6 27.9 41.9



#14

Carbon Disulfide

Concen: 0.463 ug/l

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU059218.D

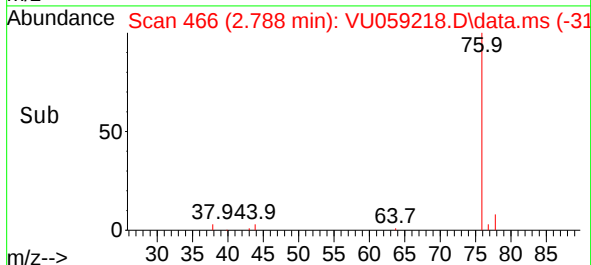
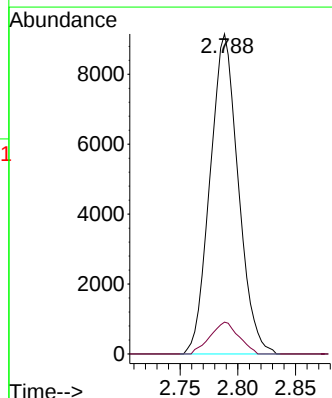
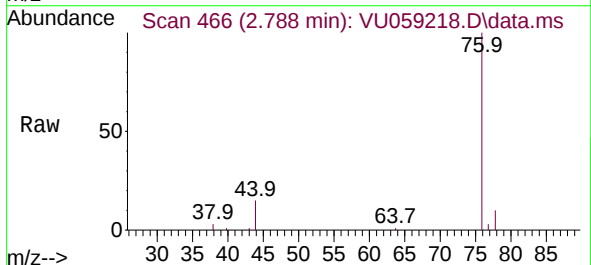
Acq: 12 Jun 2024 12:54

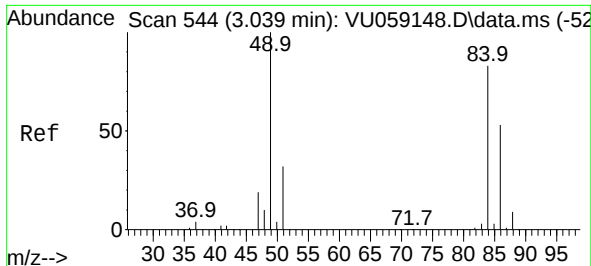
Tgt Ion: 76 Resp: 15543

Ion Ratio Lower Upper

76 100

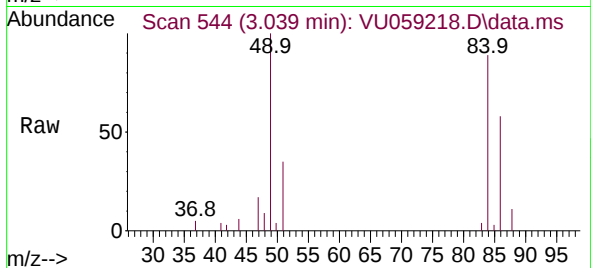
78 10.0 7.3 10.9



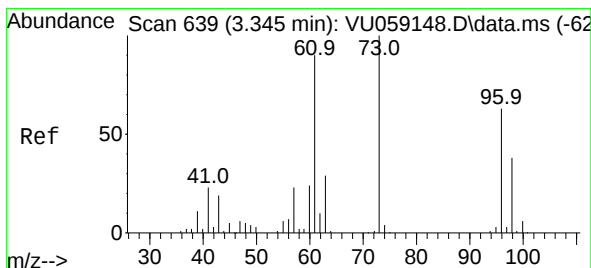
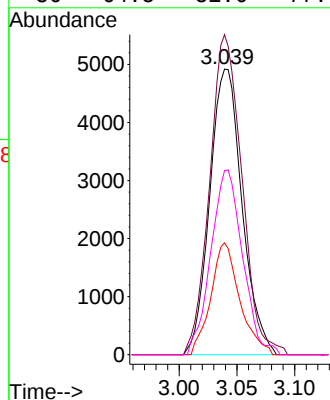
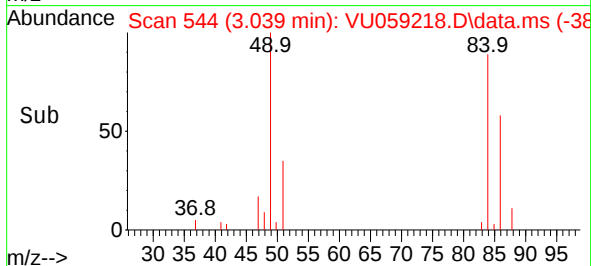


#15
Methylene Chloride
Concen: 0.663 ug/l
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU059218.D
Acq: 12 Jun 2024 12:54

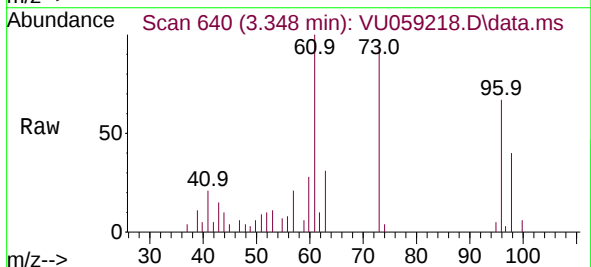
Instrument :
MSVOA_U
ClientSampleId :



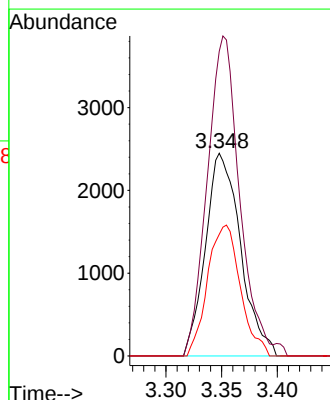
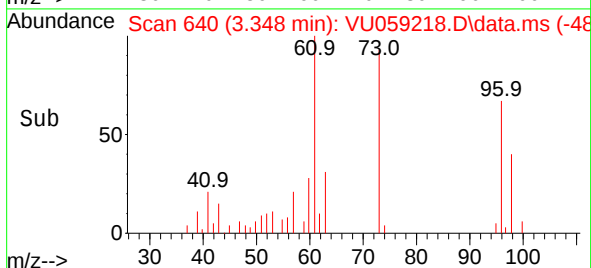
Tgt Ion:	84	Resp:	9574
Ion	Ratio	Lower	Upper
84	100		
49	112.0	96.7	145.1
51	39.1	0.0	76.8
86	64.5	51.6	77.4

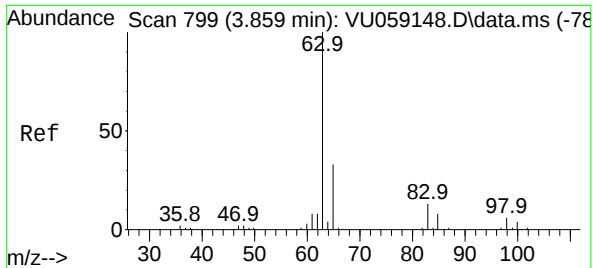


#16
trans-1,2-Dichloroethene
Concen: 0.466 ug/l
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU059218.D
Acq: 12 Jun 2024 12:54



Tgt Ion:	96	Resp:	5360
Ion	Ratio	Lower	Upper
96	100		
61	143.1	114.8	172.2
98	57.1	48.8	73.2

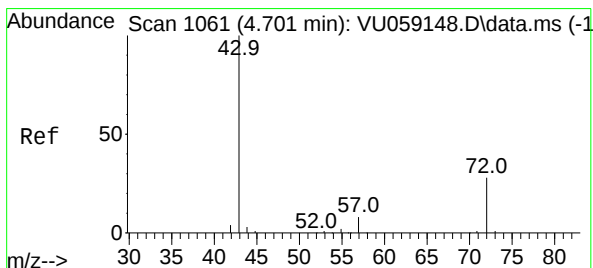
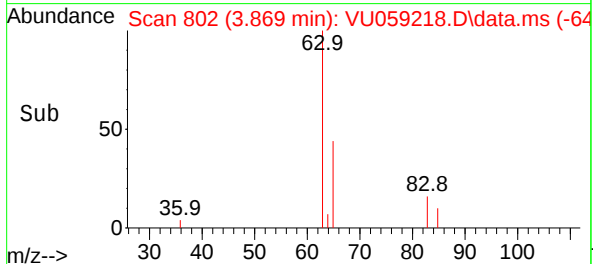
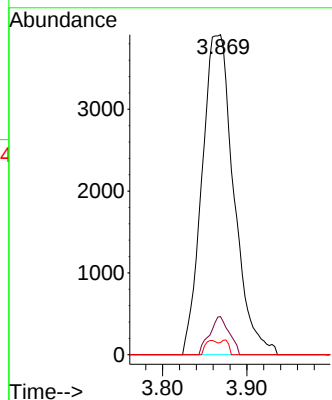
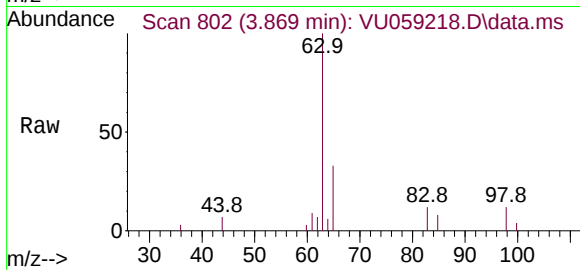




#17
1,1-Dichloroethane
Concen: 0.427 ug/l
RT: 3.869 min Scan# 802
Delta R.T. 0.010 min
Lab File: VU059218.D
Acq: 12 Jun 2024 12:54

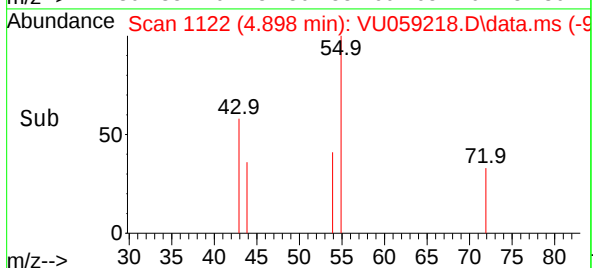
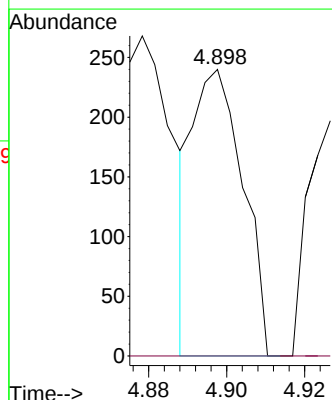
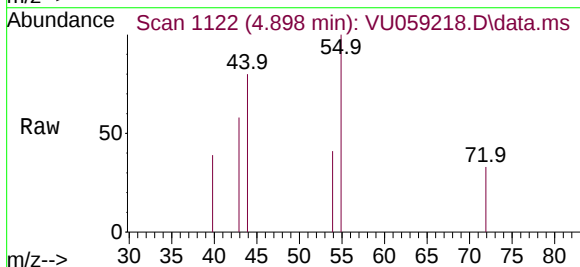
Instrument :
MSVOA_U
ClientSampleId :

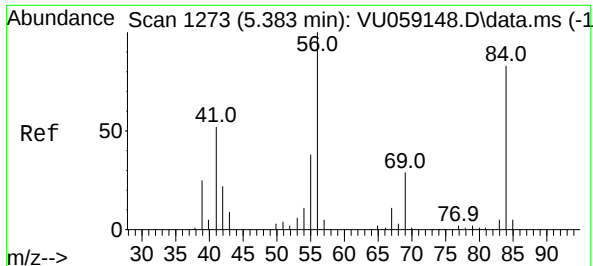
Tgt Ion: 63 Resp: 10271
Ion Ratio Lower Upper
63 100
98 11.9 3.2 9.6#
100 3.8 2.1 6.5



#18
2-Butanone
Concen: 0.054 ug/l
RT: 4.898 min Scan# 1122
Delta R.T. 0.196 min
Lab File: VU059218.D
Acq: 12 Jun 2024 12:54

Tgt Ion: 43 Resp: 216
Ion Ratio Lower Upper
43 100
57 0.0 0.0 16.8

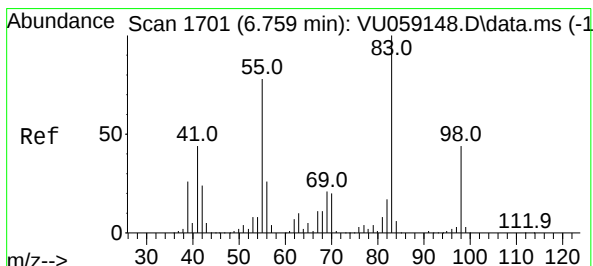
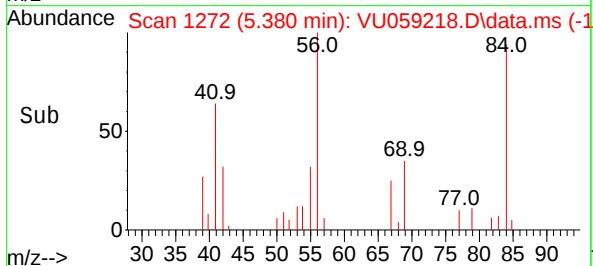
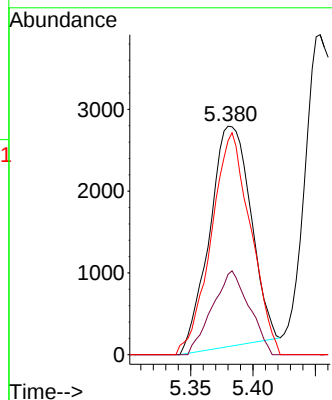
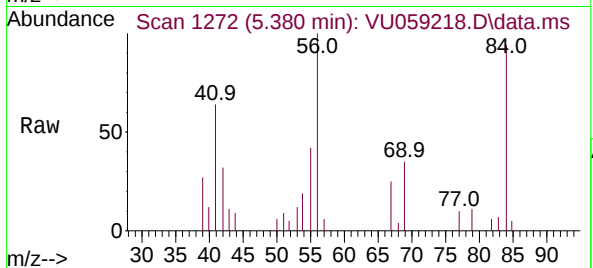




#19
Cyclohexane
Concen: 0.357 ug/l
RT: 5.380 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU059218.D
Acq: 12 Jun 2024 12:54

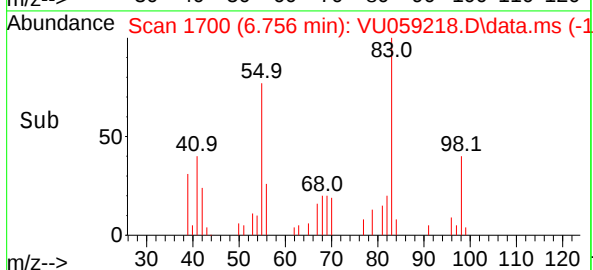
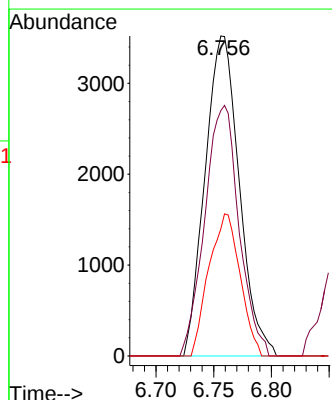
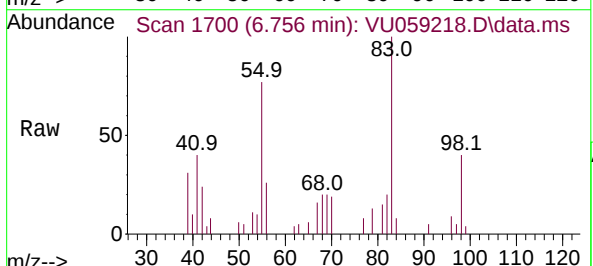
Instrument :
MSVOA_U
ClientSampleId :

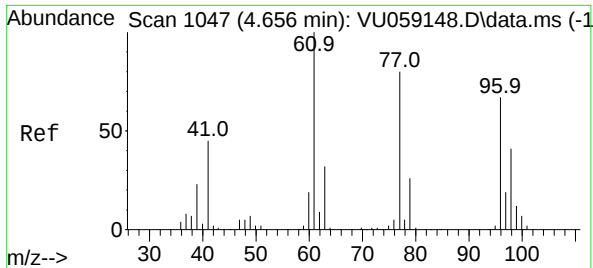
Tgt Ion:	56	Resp:	6210
Ion	Ratio	Lower	Upper
56	100		
69	33.9	23.5	35.3
84	96.3	66.5	99.7



#20
Methylcyclohexane
Concen: 0.415 ug/l
RT: 6.756 min Scan# 1700
Delta R.T. -0.003 min
Lab File: VU059218.D
Acq: 12 Jun 2024 12:54

Tgt Ion:	83	Resp:	7259
Ion	Ratio	Lower	Upper
83	100		
55	78.3	62.7	94.1
98	40.4	35.1	52.7

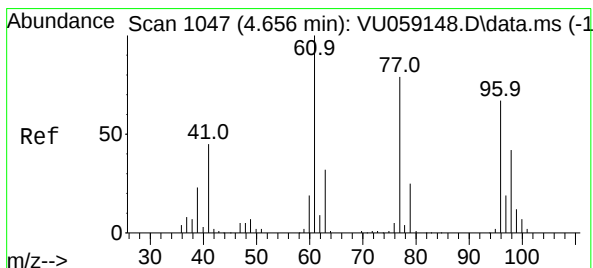
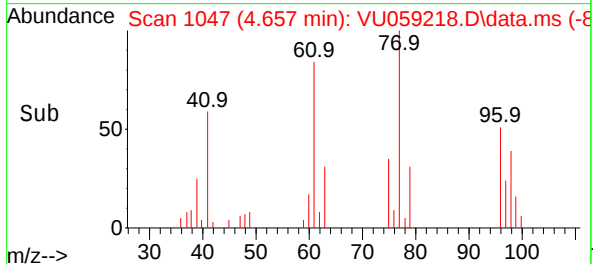
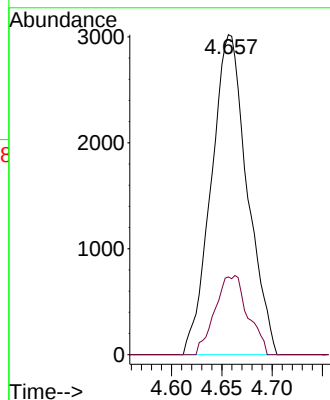
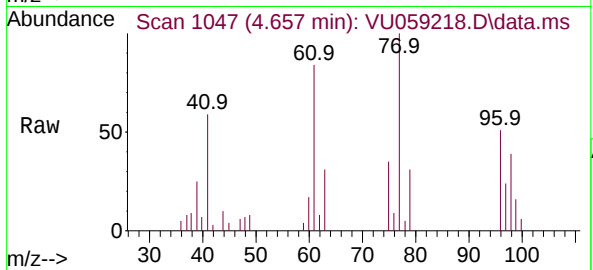




#21
2,2-Dichloropropane
Concen: 0.423 ug/l
RT: 4.657 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VU059218.D
Acq: 12 Jun 2024 12:54

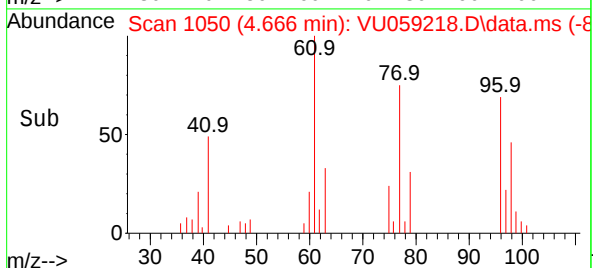
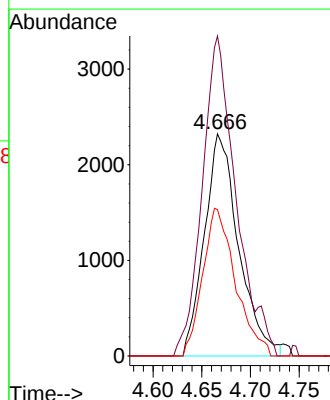
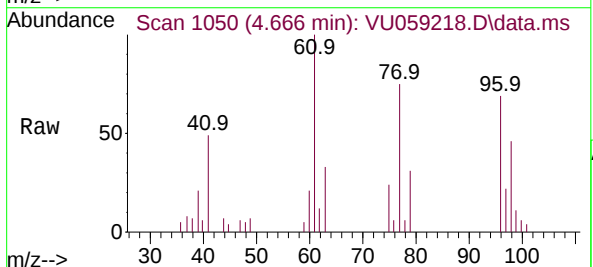
Instrument :
MSVOA_U
ClientSampleId :

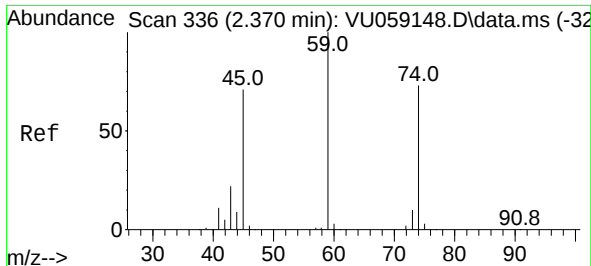
Tgt Ion: 77 Resp: 7521
Ion Ratio Lower Upper
77 100
97 22.5 18.1 27.1



#22
cis-1,2-Dichloroethene
Concen: 0.455 ug/l
RT: 4.666 min Scan# 1050
Delta R.T. 0.010 min
Lab File: VU059218.D
Acq: 12 Jun 2024 12:54

Tgt Ion: 96 Resp: 5683
Ion Ratio Lower Upper
96 100
61 141.9 0.0 388.5
98 63.5 31.8 95.3





#23

Diethyl Ether

Concen: 0.426 ug/l

RT: 2.374 min Scan# 336

Delta R.T. 0.003 min

Lab File: VU059218.D

Acq: 12 Jun 2024 12:54

Instrument :

MSVOA_U

ClientSampleId :

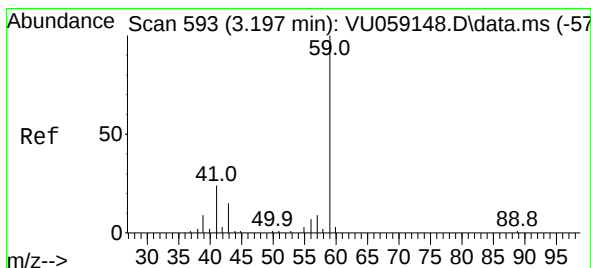
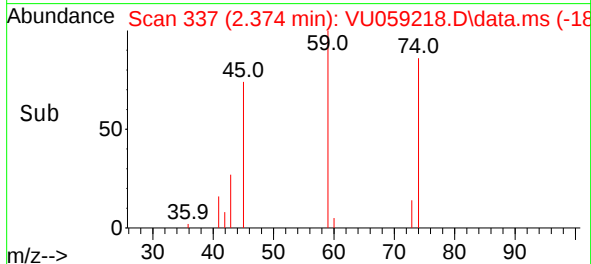
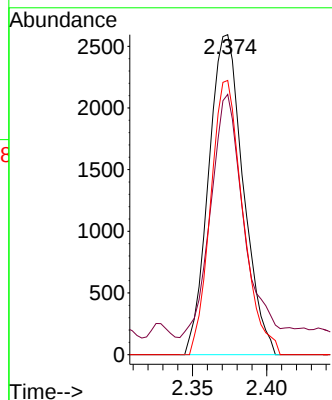
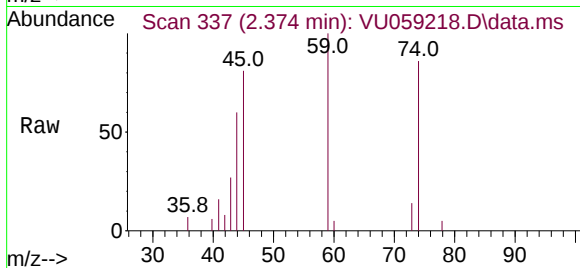
Tgt Ion: 59 Resp: 4205

Ion Ratio Lower Upper

59 100

45 73.4 58.8 88.2

74 79.6 58.0 87.0



#24

tert-Butyl Alcohol

Concen: 0.159 ug/l

RT: 3.213 min Scan# 598

Delta R.T. 0.016 min

Lab File: VU059218.D

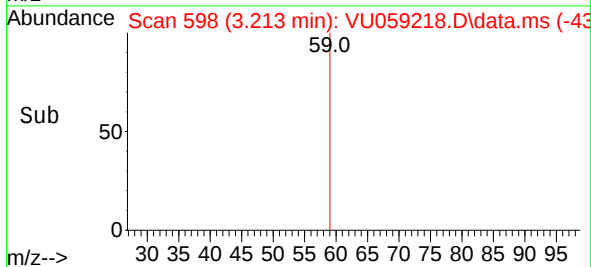
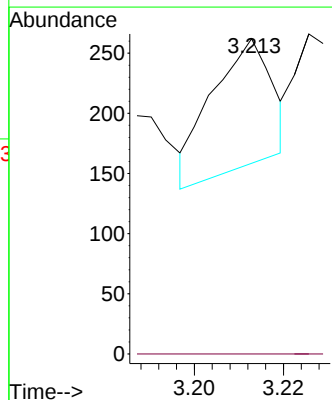
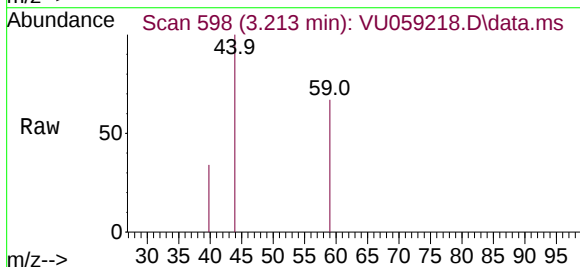
Acq: 12 Jun 2024 12:54

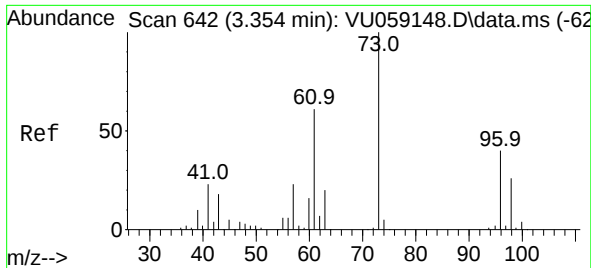
Tgt Ion: 59 Resp: 101

Ion Ratio Lower Upper

59 100

57 0.0 2.9 4.3#





#25

Methyl tert-Butyl Ether

Concen: 0.422 ug/l

RT: 3.361 min Scan# 64

Delta R.T. 0.007 min

Lab File: VU059218.D

Acq: 12 Jun 2024 12:54

Instrument :

MSVOA_U

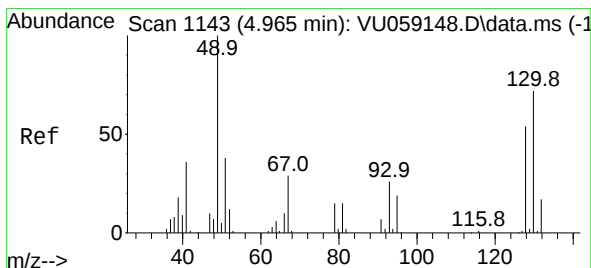
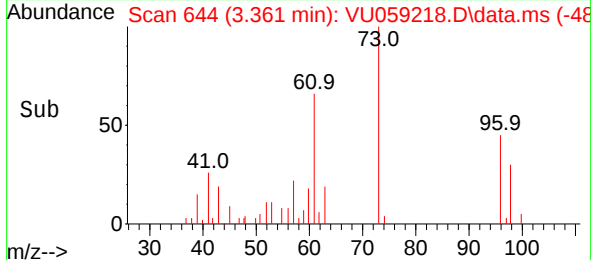
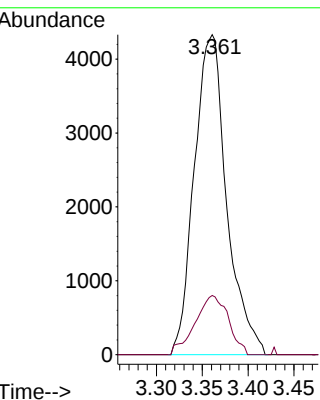
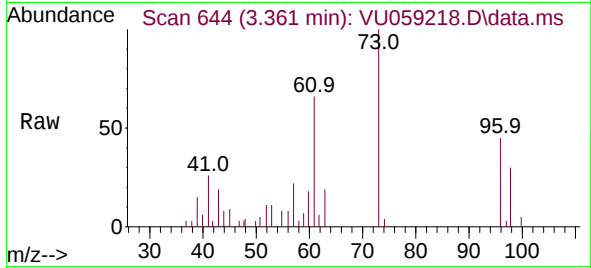
ClientSampleId :

Tgt Ion: 73 Resp: 10646

Ion Ratio Lower Upper

73 100

43 19.0 15.0 22.6



#26

Bromochloromethane

Concen: 0.438 ug/l

RT: 4.972 min Scan# 1145

Delta R.T. 0.007 min

Lab File: VU059218.D

Acq: 12 Jun 2024 12:54

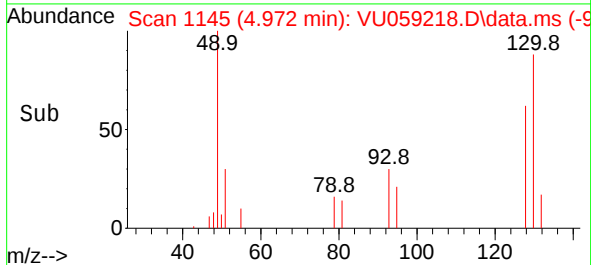
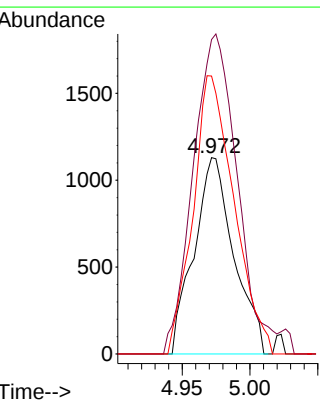
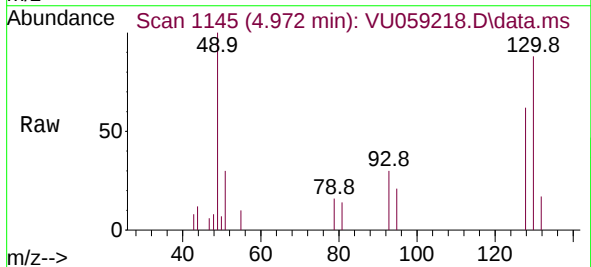
Tgt Ion: 128 Resp: 2310

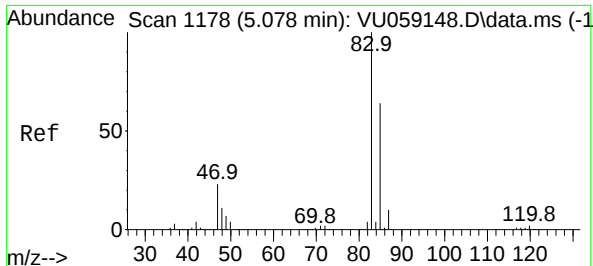
Ion Ratio Lower Upper

128 100

49 180.1 0.0 371.2

130 145.8 104.1 156.1

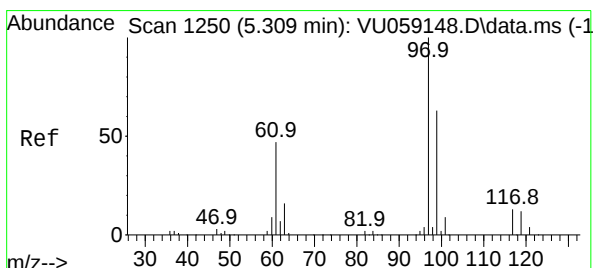
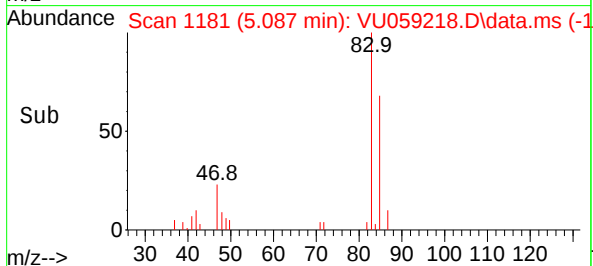
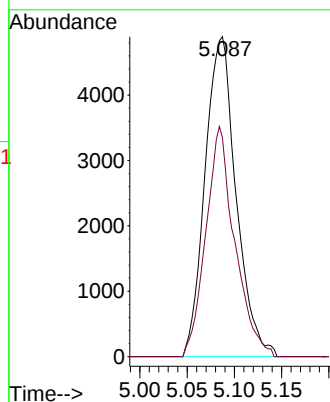
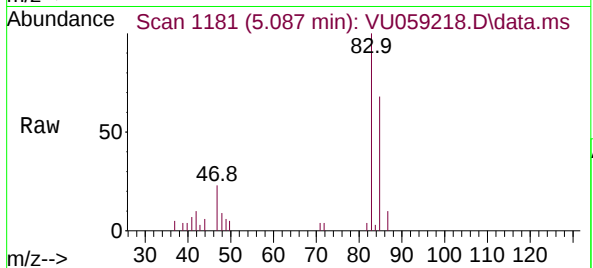




#27
Chloroform
Concen: 0.462 ug/l
RT: 5.087 min Scan# 1178
Delta R.T. 0.010 min
Lab File: VU059218.D
Acq: 12 Jun 2024 12:54

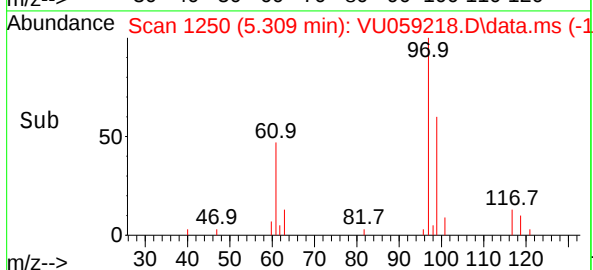
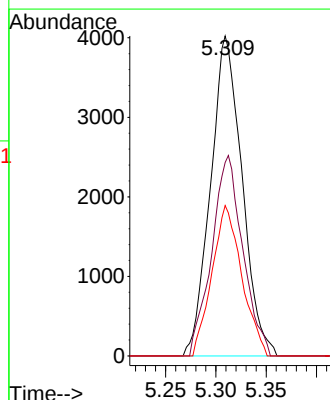
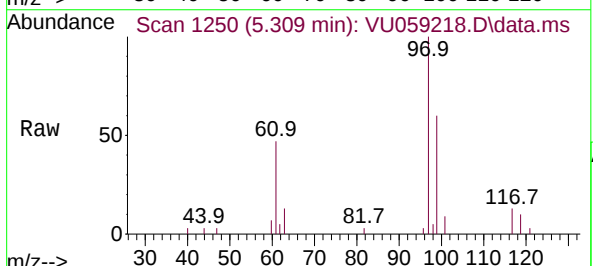
Instrument :
MSVOA_U
ClientSampleId :

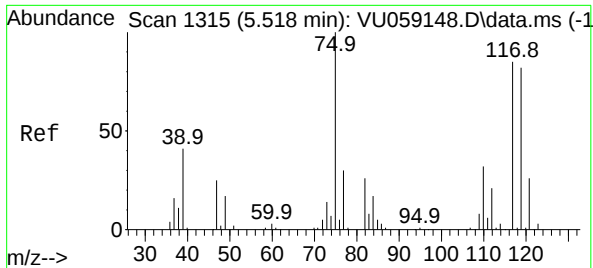
Tgt Ion: 83 Resp: 11168
Ion Ratio Lower Upper
83 100
85 68.4 0.0 127.2



#28
1,1,1-Trichloroethane
Concen: 0.460 ug/l
RT: 5.309 min Scan# 1250
Delta R.T. 0.000 min
Lab File: VU059218.D
Acq: 12 Jun 2024 12:54

Tgt Ion: 97 Resp: 8771
Ion Ratio Lower Upper
97 100
99 61.7 32.0 96.0
61 44.5 23.9 71.7

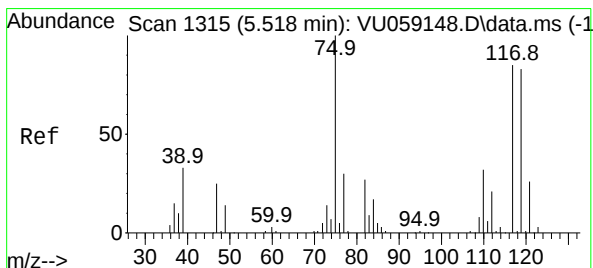
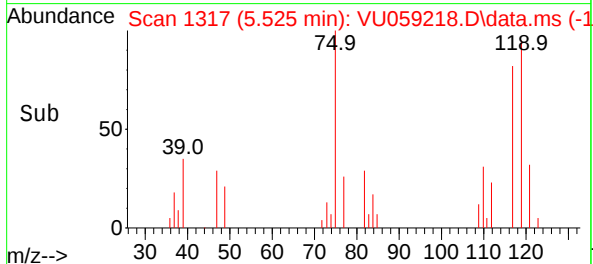
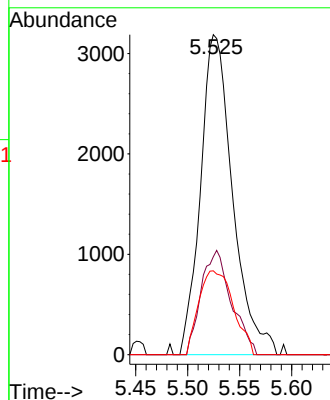
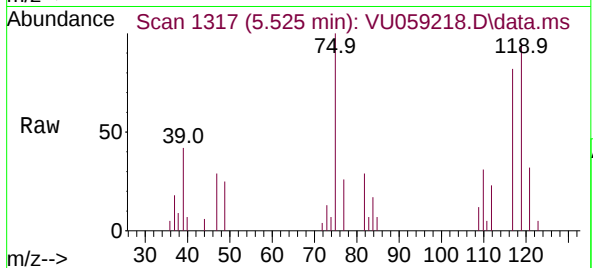




#29
1,1-Dichloropropene
Concen: 0.428 ug/l
RT: 5.525 min Scan# 1317
Delta R.T. 0.007 min
Lab File: VU059218.D
Acq: 12 Jun 2024 12:54

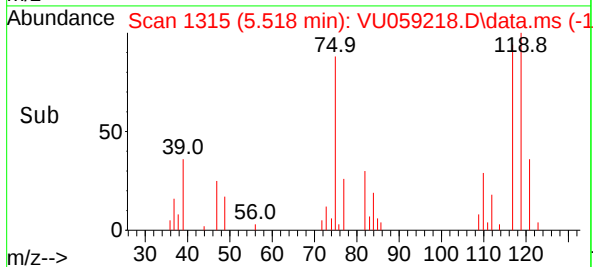
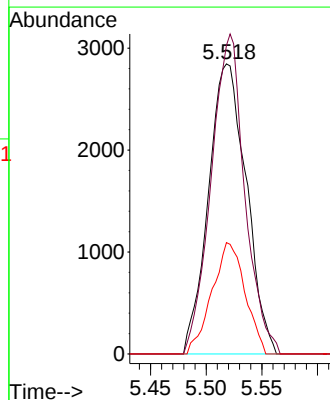
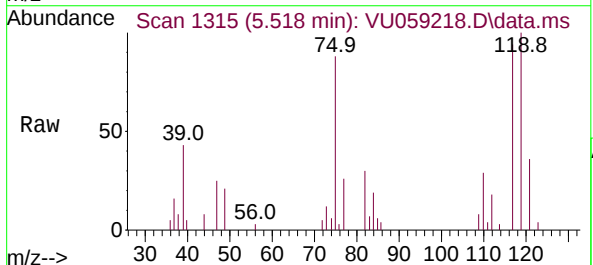
Instrument :
MSVOA_U
ClientSampleId :

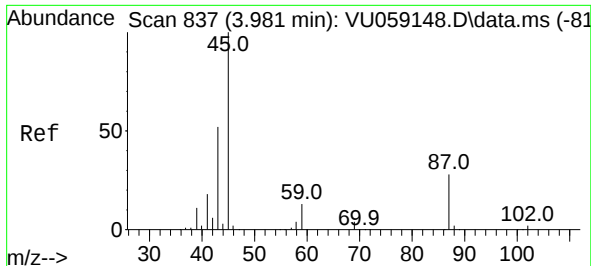
Tgt Ion: 75 Resp: 6849
Ion Ratio Lower Upper
75 100
110 30.7 17.0 50.9
77 28.3 24.6 36.8



#30
Carbon Tetrachloride
Concen: 0.430 ug/l
RT: 5.518 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VU059218.D
Acq: 12 Jun 2024 12:54

Tgt Ion:117 Resp: 6720
Ion Ratio Lower Upper
117 100
119 106.4 77.5 116.3
121 38.4 24.6 37.0#





#31

Isopropyl Ether

Concen: 0.393 ug/l

RT: 3.988 min Scan# 837

Delta R.T. 0.007 min

Lab File: VU059218.D

Acq: 12 Jun 2024 12:54

Instrument :

MSVOA_U

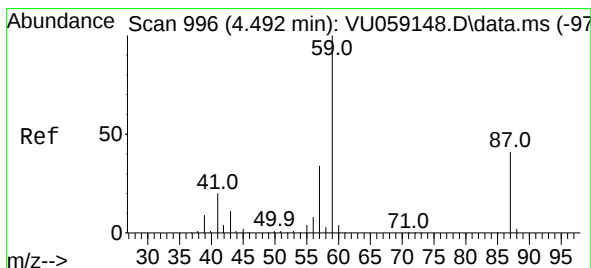
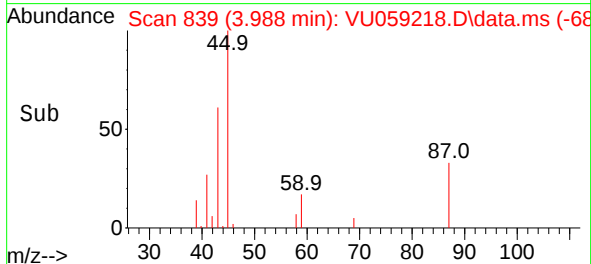
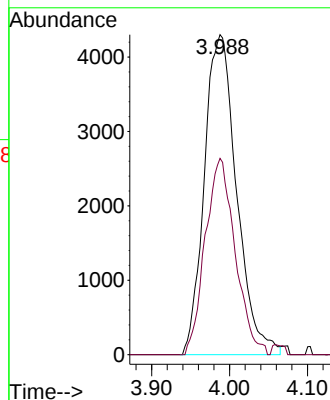
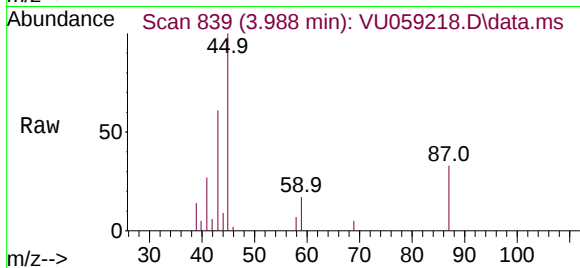
ClientSampleId :

Tgt Ion: 45 Resp: 12392

Ion Ratio Lower Upper

45 100

43 56.8 26.1 78.3



#32

Ethyl-t-butyl ether

Concen: 0.409 ug/l

RT: 4.493 min Scan# 996

Delta R.T. 0.000 min

Lab File: VU059218.D

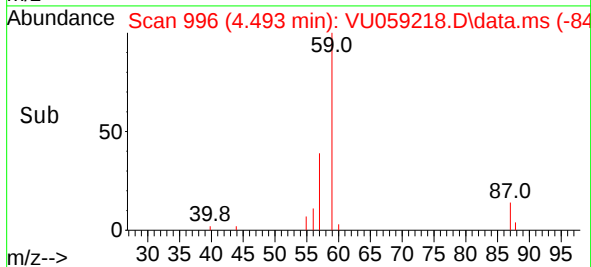
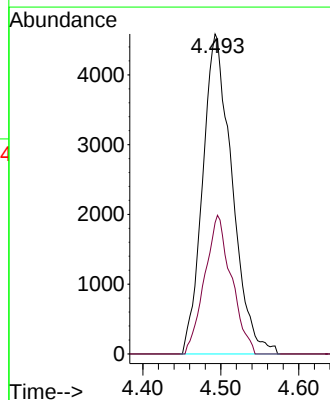
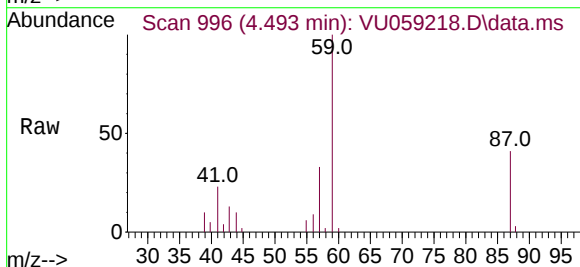
Acq: 12 Jun 2024 12:54

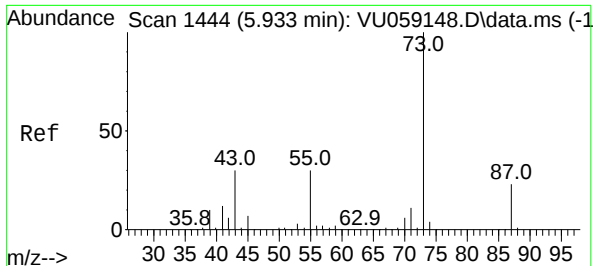
Tgt Ion: 59 Resp: 12014

Ion Ratio Lower Upper

59 100

87 39.5 32.2 48.4

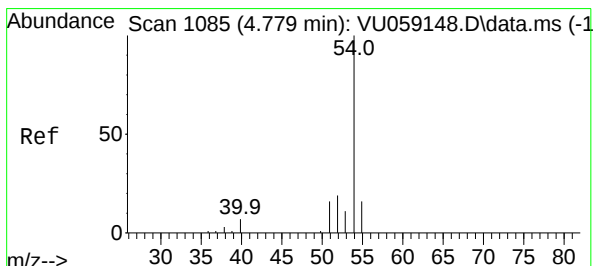
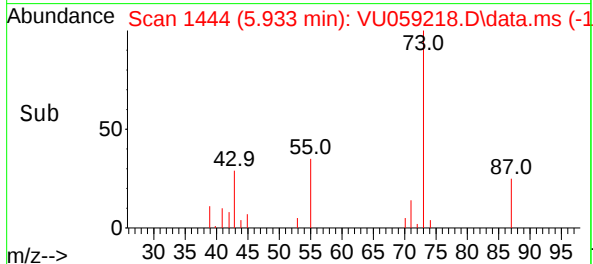
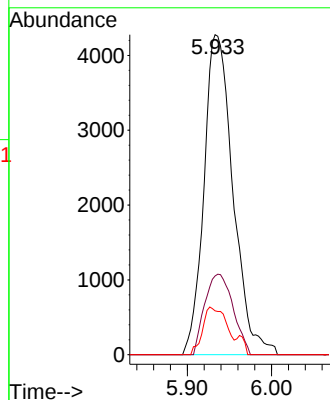
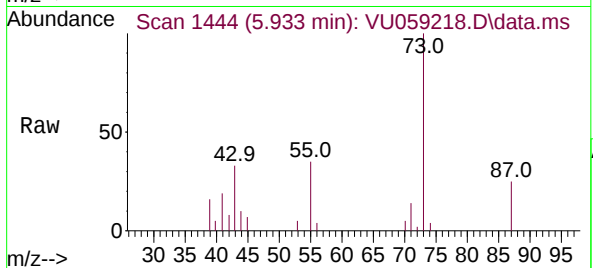




#33
Tert-Amyl methyl ether
Concen: 0.396 ug/l
RT: 5.933 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VU059218.D
Acq: 12 Jun 2024 12:54

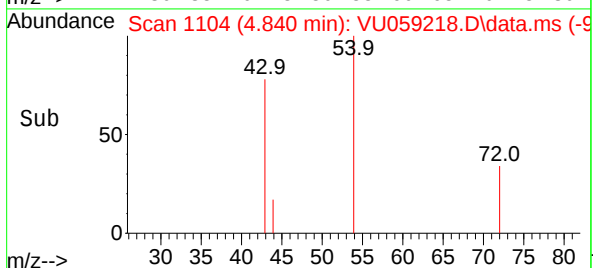
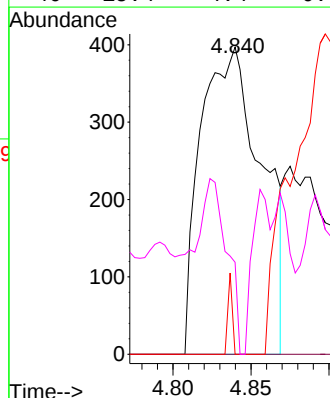
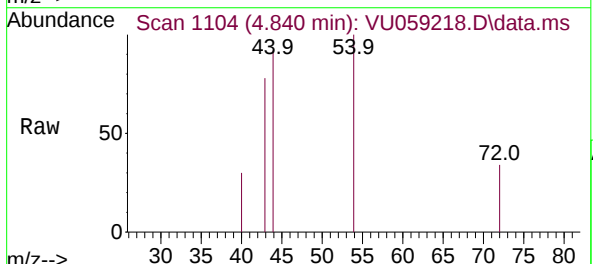
Instrument :
MSVOA_U
ClientSampleId :

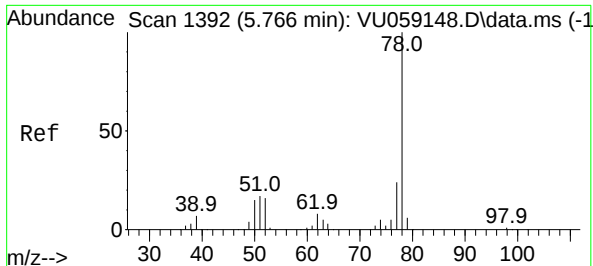
Tgt Ion: 73 Resp: 10270
Ion Ratio Lower Upper
73 100
87 24.4 18.6 27.8
71 9.2 9.1 13.7



#34
Propionitrile
Concen: 1.173 ug/l
RT: 4.840 min Scan# 1104
Delta R.T. 0.061 min
Lab File: VU059218.D
Acq: 12 Jun 2024 12:54

Tgt Ion: 54 Resp: 1079
Ion Ratio Lower Upper
54 100
52 0.0 15.2 22.8#
55 0.0 12.4 18.6#
40 15.4 4.4 6.6#





#35

Benzene

Concen: 0.437 ug/l

RT: 5.772 min Scan# 1400

Delta R.T. 0.007 min

Lab File: VU059218.D

Acq: 12 Jun 2024 12:54

Instrument :

MSVOA_U

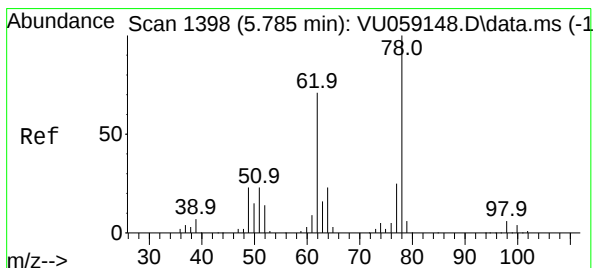
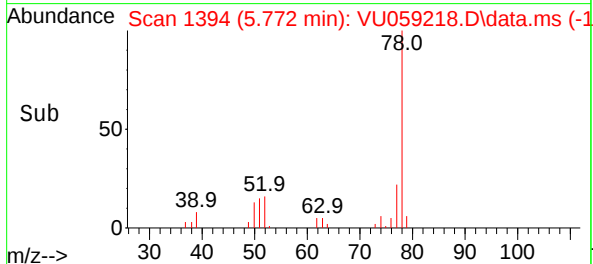
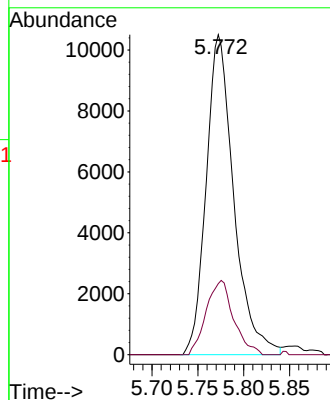
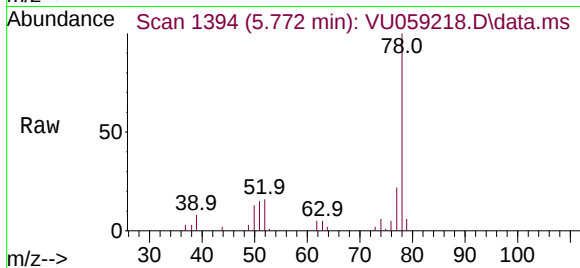
ClientSampleId :

Tgt Ion: 78 Resp: 21951

Ion Ratio Lower Upper

78 100

77 22.2 19.4 29.2



#36

1,2-Dichloroethane

Concen: 0.435 ug/l

RT: 5.795 min Scan# 1401

Delta R.T. 0.010 min

Lab File: VU059218.D

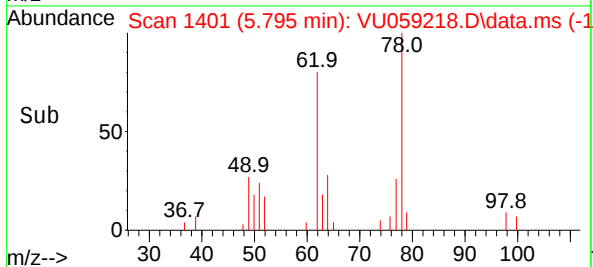
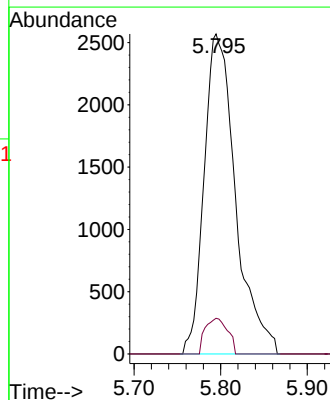
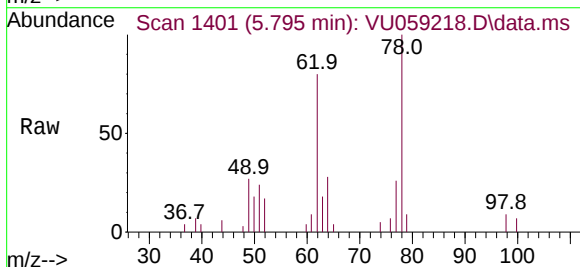
Acq: 12 Jun 2024 12:54

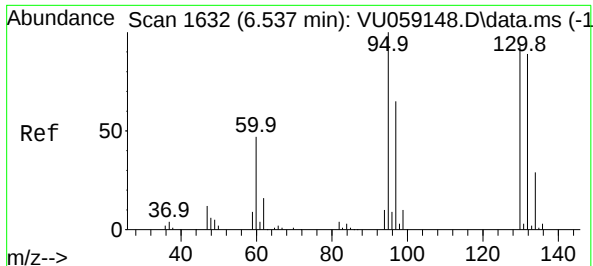
Tgt Ion: 62 Resp: 6489

Ion Ratio Lower Upper

62 100

98 7.9 6.7 10.1

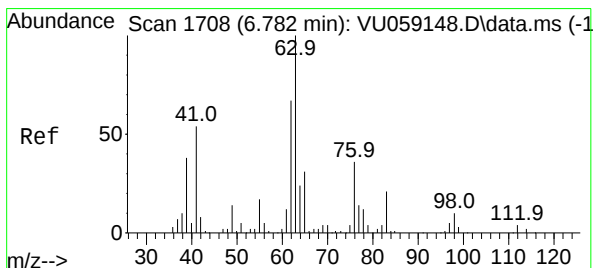
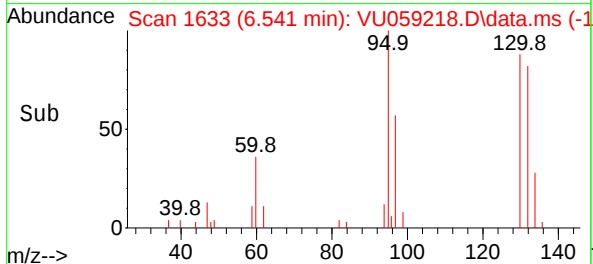
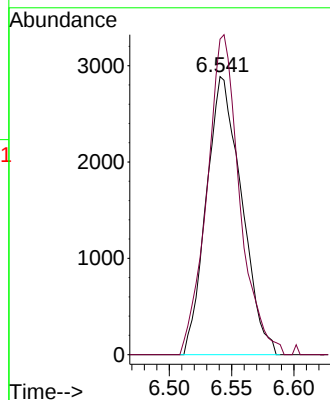
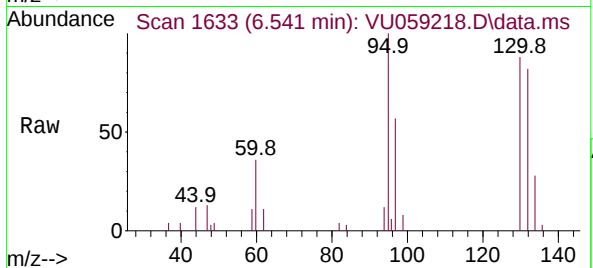




#37
Trichloroethene
Concen: 0.473 ug/l
RT: 6.541 min Scan# 1710
Delta R.T. 0.003 min
Lab File: VU059218.D
Acq: 12 Jun 2024 12:54

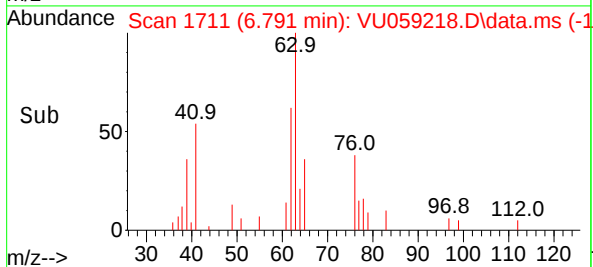
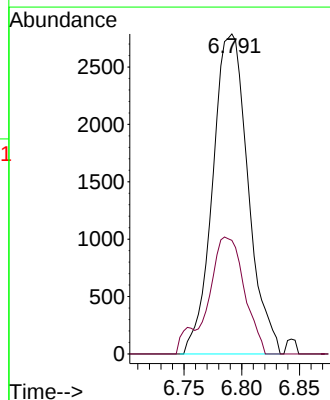
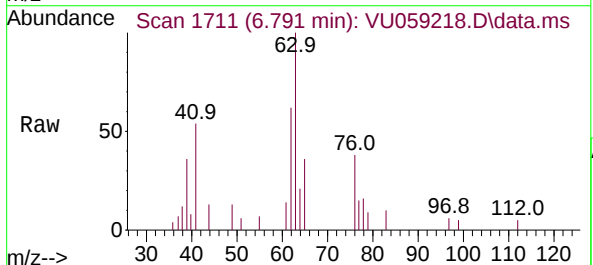
Instrument :
MSVOA_U
ClientSampleId :

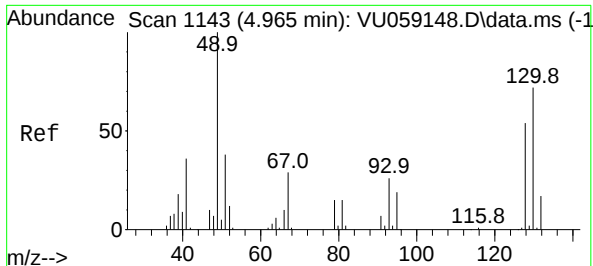
Tgt Ion:130 Resp: 5682
Ion Ratio Lower Upper
130 100
95 113.5 85.6 128.4



#38
1,2-Dichloropropane
Concen: 0.416 ug/l
RT: 6.791 min Scan# 1711
Delta R.T. 0.010 min
Lab File: VU059218.D
Acq: 12 Jun 2024 12:54

Tgt Ion: 63 Resp: 5935
Ion Ratio Lower Upper
63 100
65 35.5 24.6 37.0





#39

Methacrylonitrile

Concen: 0.077 ug/l

RT: 4.988 min Scan# 1150

Delta R.T. 0.023 min

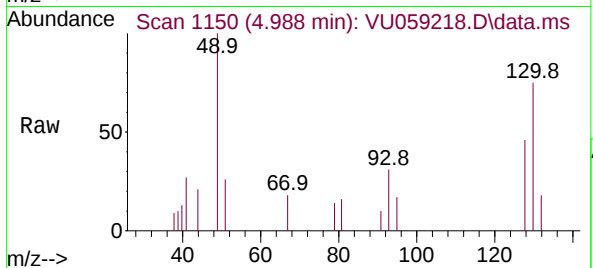
Lab File: VU059218.D

Acq: 12 Jun 2024 12:54

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 41 Resp: 265

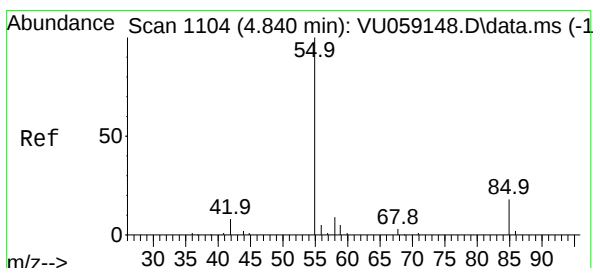
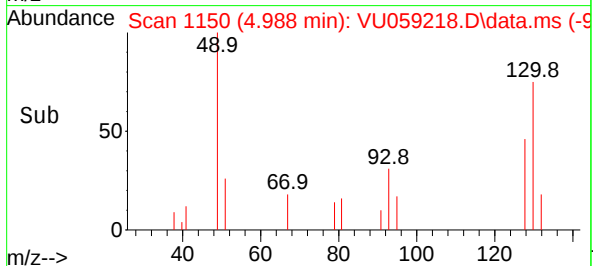
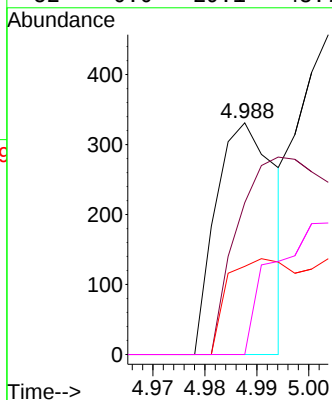
Ion Ratio Lower Upper

41 100

67 141.1 68.2 102.4#

39 45.7 43.4 65.2

52 0.0 29.1 43.7#



#40

Methyl acrylate

Concen: 0.216 ug/l

RT: 4.917 min Scan# 1128

Delta R.T. 0.077 min

Lab File: VU059218.D

Acq: 12 Jun 2024 12:54

Tgt Ion: 55 Resp: 1300

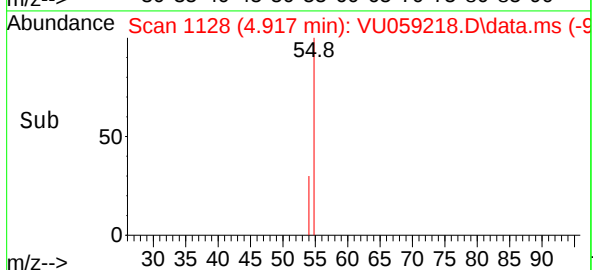
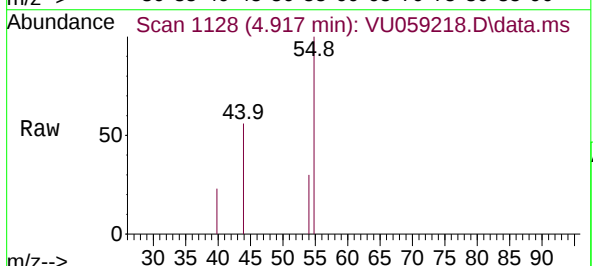
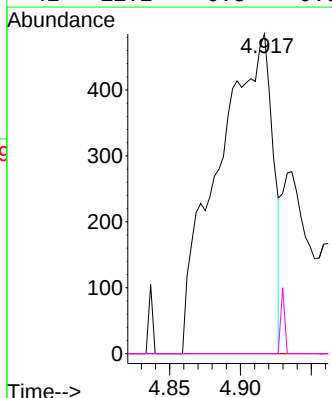
Ion Ratio Lower Upper

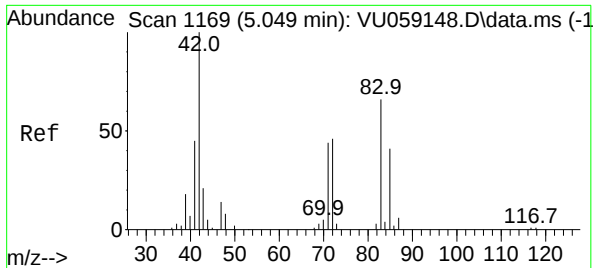
55 100

85 0.0 11.8 17.6#

58 0.0 6.0 9.0#

42 11.2 6.3 9.5#

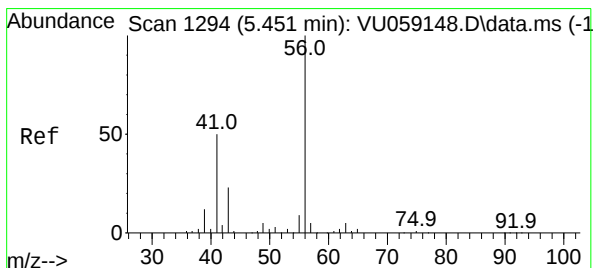
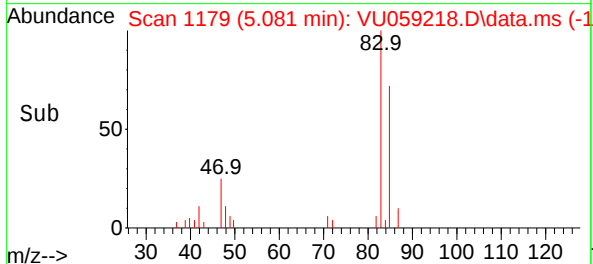
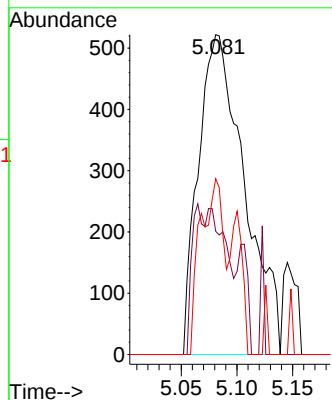
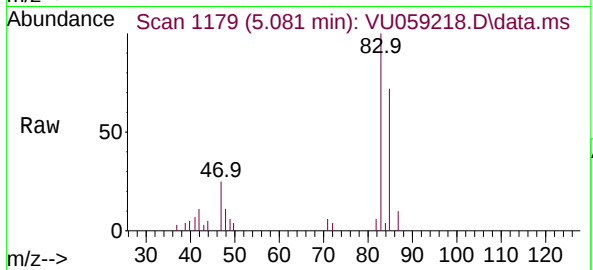




#41
Tetrahydrofuran
Concen: 0.821 ug/l
RT: 5.081 min Scan# 1169
Delta R.T. 0.032 min
Lab File: VU059218.D
Acq: 12 Jun 2024 12:54

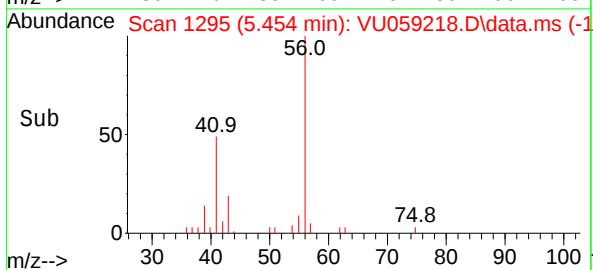
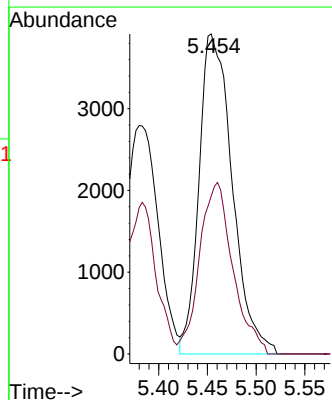
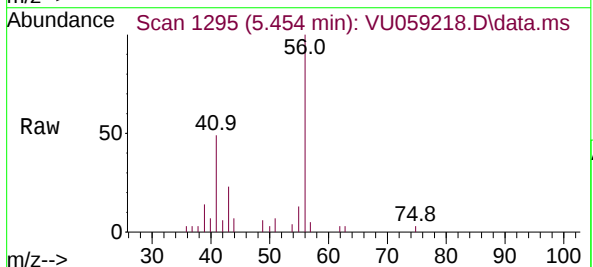
Instrument :
MSVOA_U
ClientSampleId :

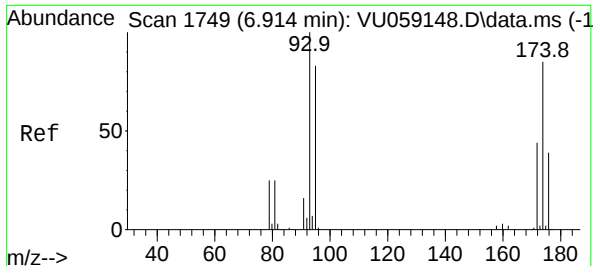
Tgt Ion: 42 Resp: 1507
Ion Ratio Lower Upper
42 100
72 0.0 40.7 61.1#
71 14.7 36.5 54.7#



#42
1-Chlorobutane
Concen: 0.419 ug/l
RT: 5.454 min Scan# 1295
Delta R.T. 0.003 min
Lab File: VU059218.D
Acq: 12 Jun 2024 12:54

Tgt Ion: 56 Resp: 9264
Ion Ratio Lower Upper
56 100
41 53.8 25.7 77.1





#43

Dibromomethane

Concen: 0.484 ug/l

RT: 6.920 min Scan# 1751

Delta R.T. 0.007 min

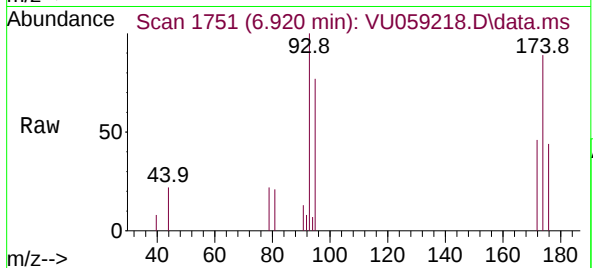
Lab File: VU059218.D

Acq: 12 Jun 2024 12:54

Instrument :

MSVOA_U

ClientSampleId :



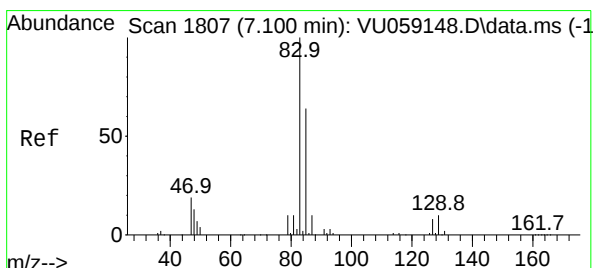
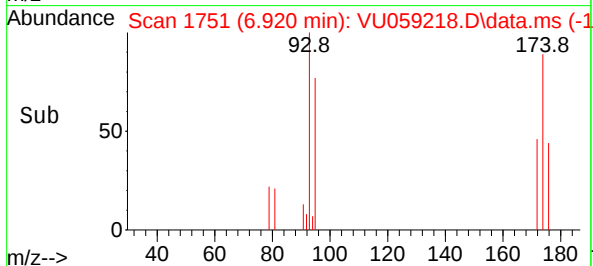
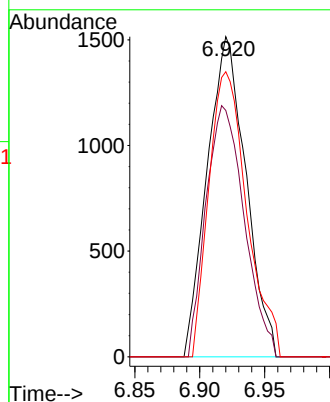
Tgt Ion: 93 Resp: 3131

Ion Ratio Lower Upper

93 100

95 77.8 66.1 99.1

174 87.4 67.2 100.8



#44

Bromodichloromethane

Concen: 0.445 ug/l

RT: 7.100 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VU059218.D

Acq: 12 Jun 2024 12:54

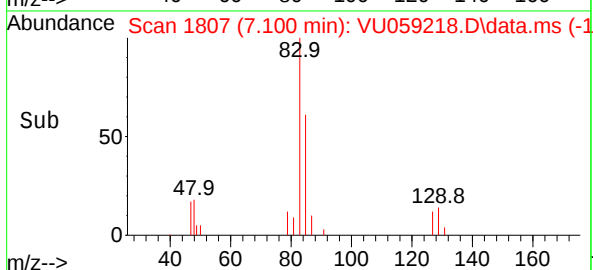
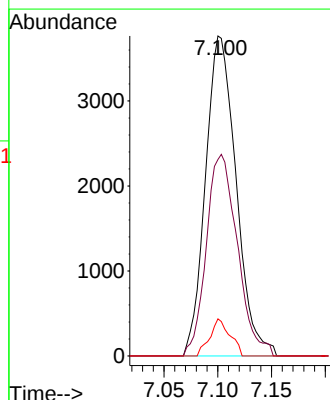
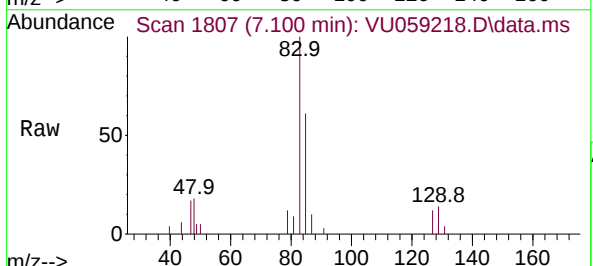
Tgt Ion: 83 Resp: 7460

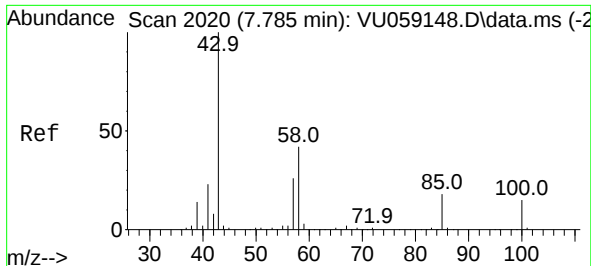
Ion Ratio Lower Upper

83 100

85 61.4 51.0 76.4

127 11.6 6.4 9.6#

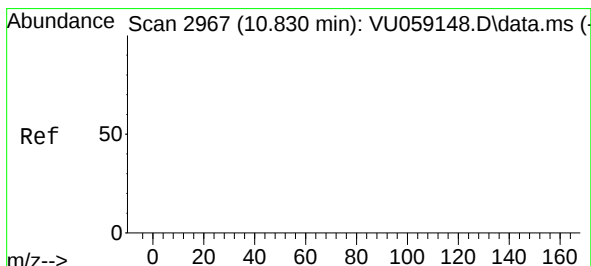
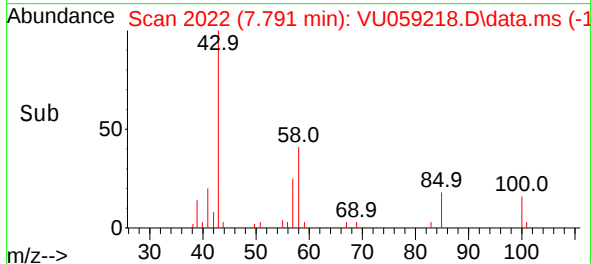
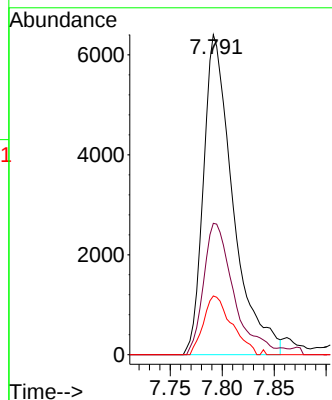
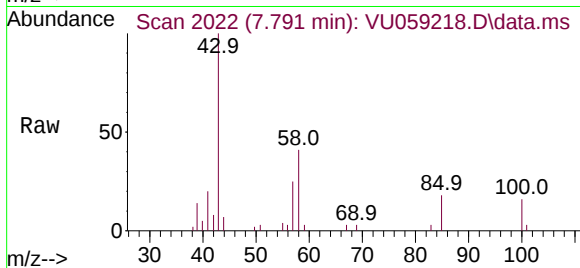




#45
4-Methyl-2-Pentanone
Concen: 1.821 ug/l
RT: 7.791 min Scan# 2020
Delta R.T. 0.007 min
Lab File: VU059218.D
Acq: 12 Jun 2024 12:54

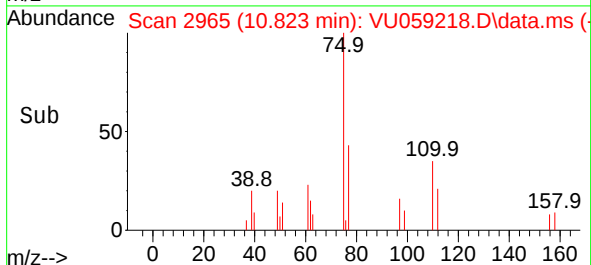
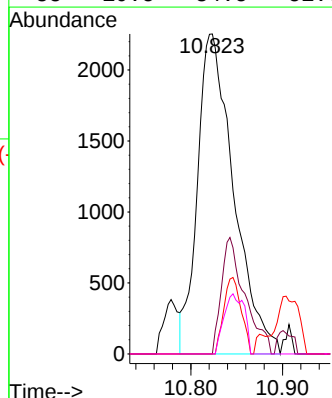
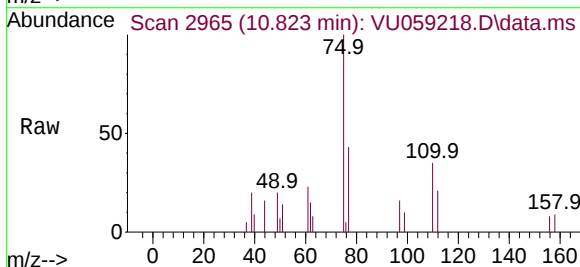
Instrument :
MSVOA_U
ClientSampleId :

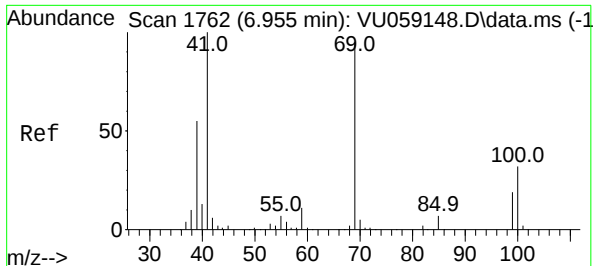
Tgt Ion: 43 Resp: 12619
Ion Ratio Lower Upper
43 100
58 41.9 21.1 63.3
85 17.5 14.6 22.0



#46
t-1,4-Dichloro-2-butene
Concen: 2.106 ug/l
RT: 10.823 min Scan# 2965
Delta R.T. -0.006 min
Lab File: VU059218.D
Acq: 12 Jun 2024 12:54

Tgt Ion: 75 Resp: 6194
Ion Ratio Lower Upper
75 100
53 23.5 72.2 108.4#
89 11.5 47.0 70.4#
88 10.5 34.5 51.7#





#47

Methyl methacrylate

Concen: 0.777 ug/l

RT: 6.968 min Scan# 1

Delta R.T. 0.013 min

Lab File: VU059218.D

Acq: 12 Jun 2024 12:54

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 69 Resp: 4312

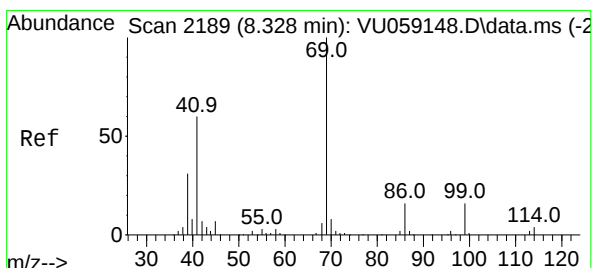
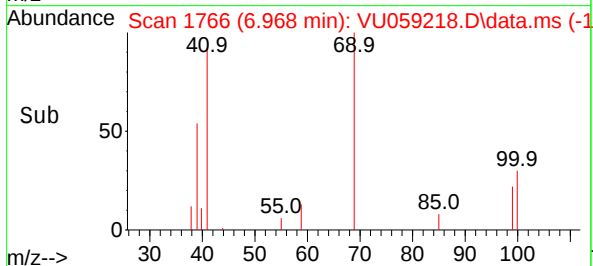
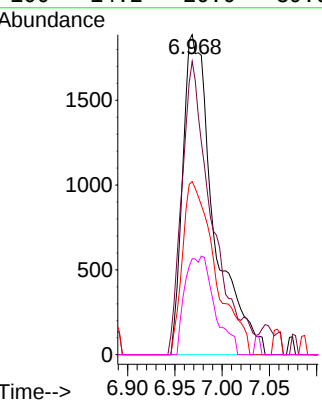
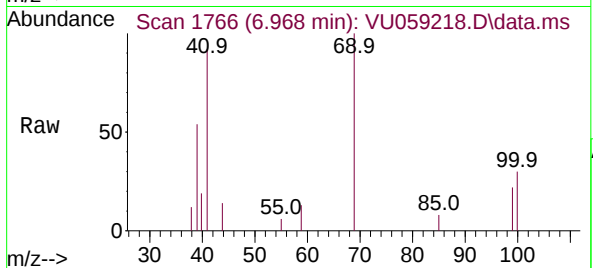
Ion Ratio Lower Upper

69 100

41 88.8 0.0 208.8

39 57.1 46.0 69.0

100 14.2 26.0 39.0#



#48

Ethyl methacrylate

Concen: 0.317 ug/l

RT: 8.338 min Scan# 2192

Delta R.T. 0.010 min

Lab File: VU059218.D

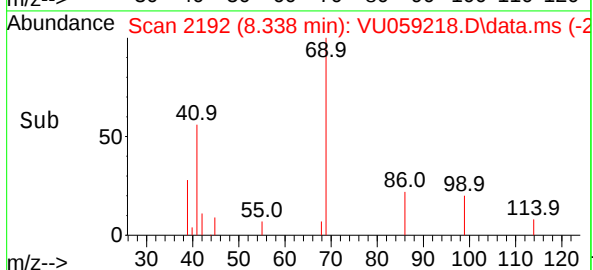
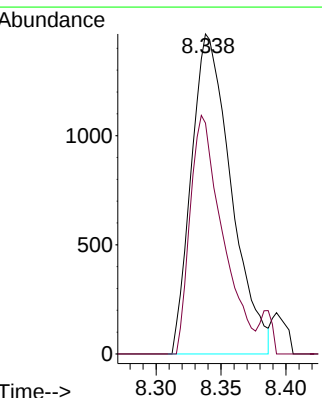
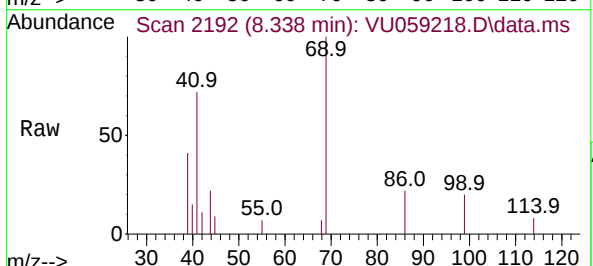
Acq: 12 Jun 2024 12:54

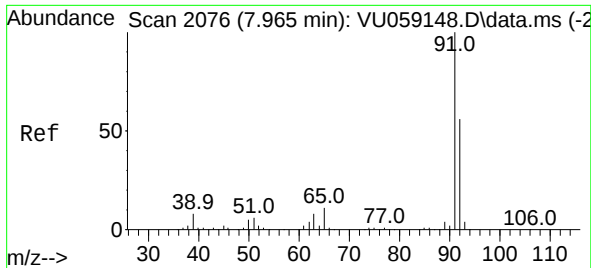
Tgt Ion: 69 Resp: 3113

Ion Ratio Lower Upper

69 100

41 61.2 30.2 90.6





#49

Toluene

Concen: 0.416 ug/l

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU059218.D

Acq: 12 Jun 2024 12:54

Instrument :

MSVOA_U

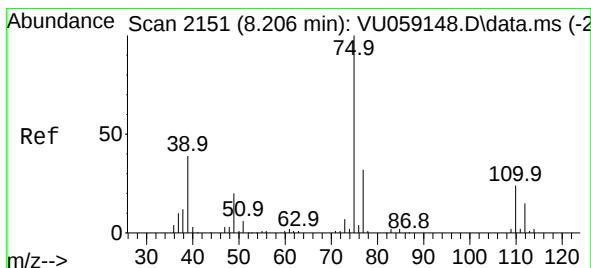
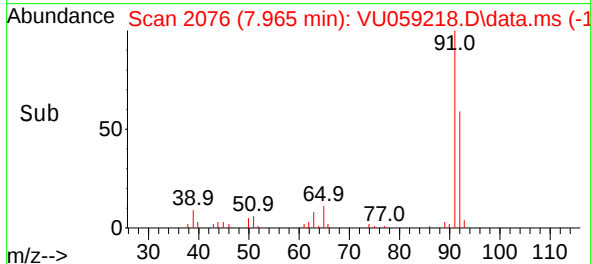
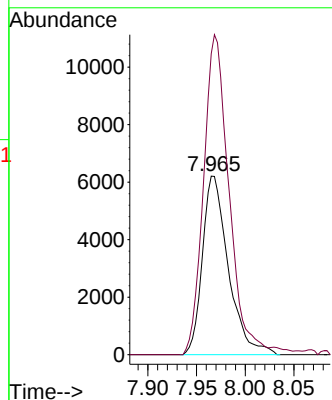
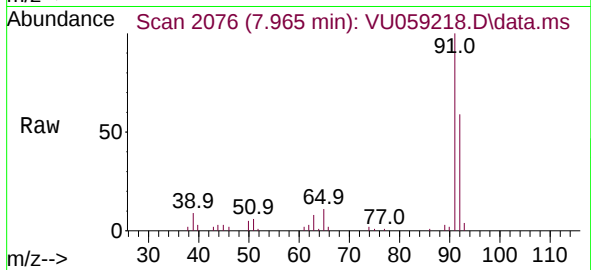
ClientSampleId :

Tgt Ion: 92 Resp: 11512

Ion Ratio Lower Upper

92 100

91 177.4 143.4 215.0



#50

t-1,3-Dichloropropene

Concen: 0.384 ug/l

RT: 8.213 min Scan# 2153

Delta R.T. 0.007 min

Lab File: VU059218.D

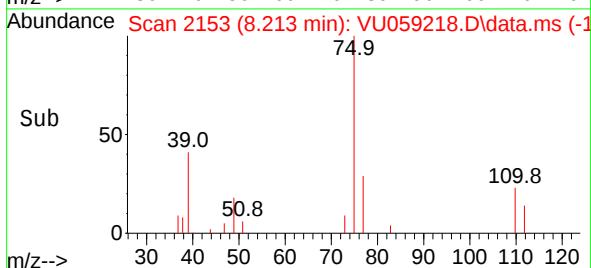
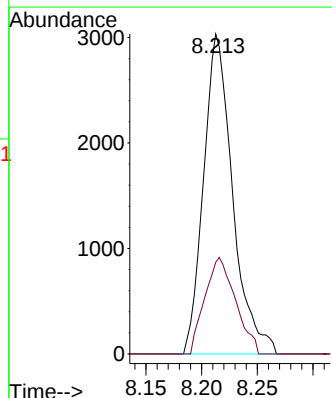
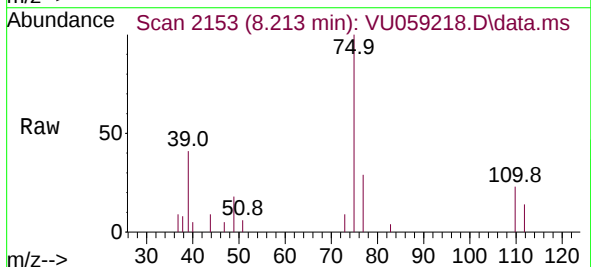
Acq: 12 Jun 2024 12:54

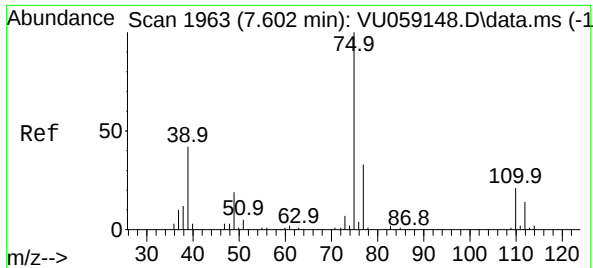
Tgt Ion: 75 Resp: 5501

Ion Ratio Lower Upper

75 100

77 28.7 25.3 37.9

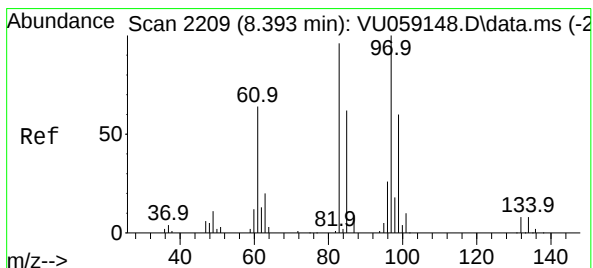
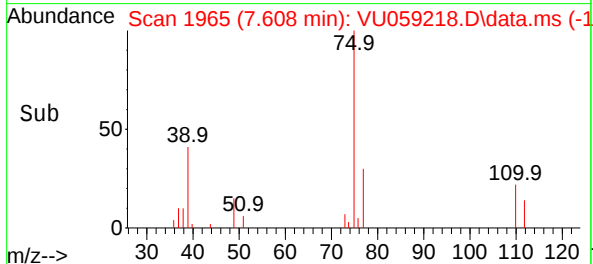
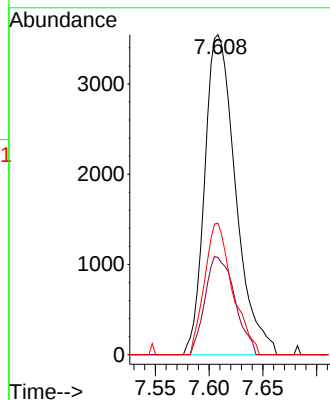
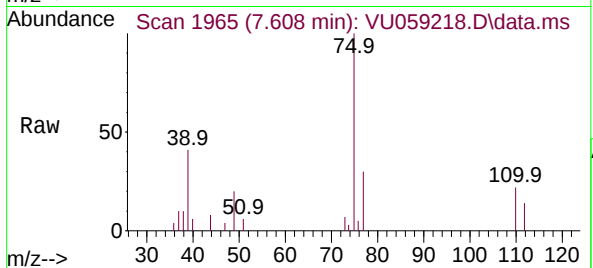




#51
 cis-1,3-Dichloropropene
 Concen: 0.405 ug/l
 RT: 7.608 min Scan# 1963
 Delta R.T. 0.007 min
 Lab File: VU059218.D
 Acq: 12 Jun 2024 12:54

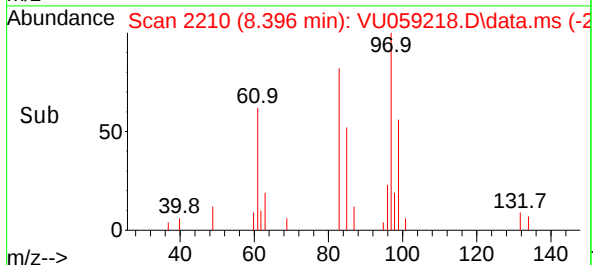
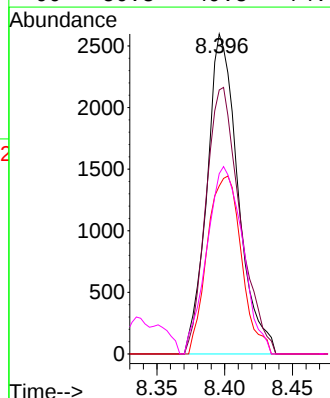
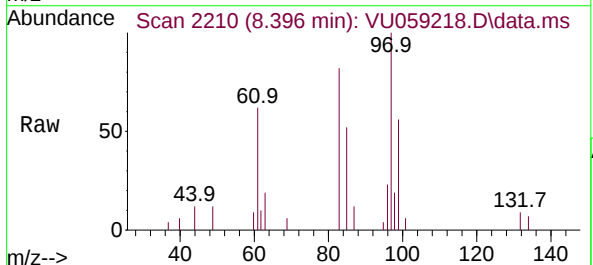
Instrument :
 MSVOA_U
 ClientSampleId :

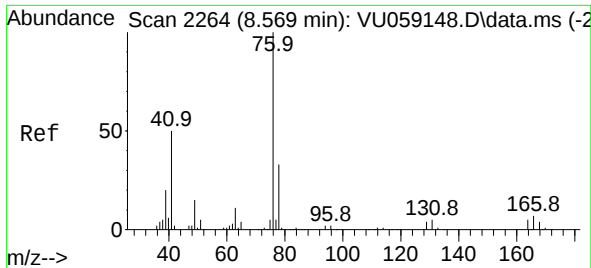
Tgt Ion:	75	Resp:	7105
Ion	Ratio	Lower	Upper
75	100		
77	30.4	26.0	39.0
39	41.1	33.2	49.8



#52
 1,1,2-Trichloroethane
 Concen: 0.434 ug/l
 RT: 8.396 min Scan# 2210
 Delta R.T. 0.003 min
 Lab File: VU059218.D
 Acq: 12 Jun 2024 12:54

Tgt Ion:	97	Resp:	4145
Ion	Ratio	Lower	Upper
97	100		
83	82.5	76.4	114.6
85	52.5	49.6	74.4
99	56.3	49.8	74.8

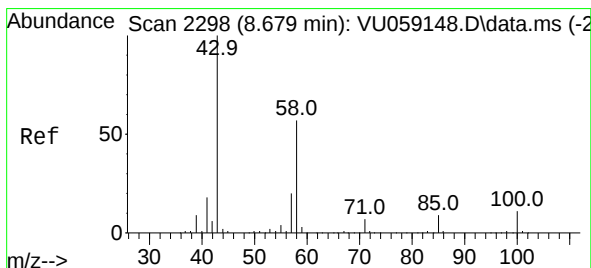
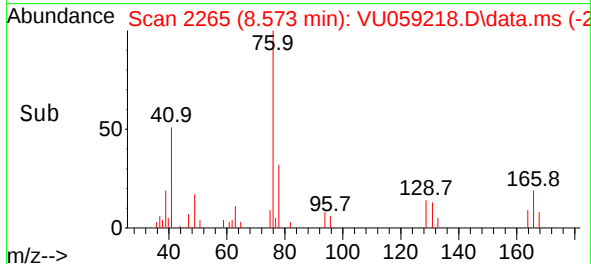
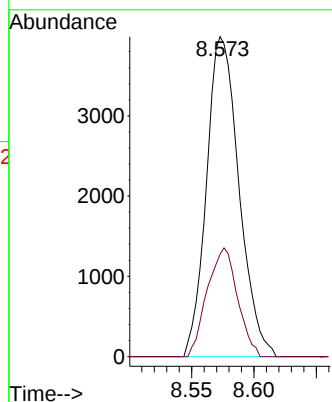
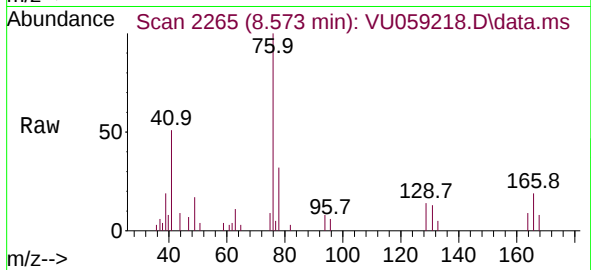




#53
1,3-Dichloropropane
Concen: 0.439 ug/l
RT: 8.573 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU059218.D
Acq: 12 Jun 2024 12:54

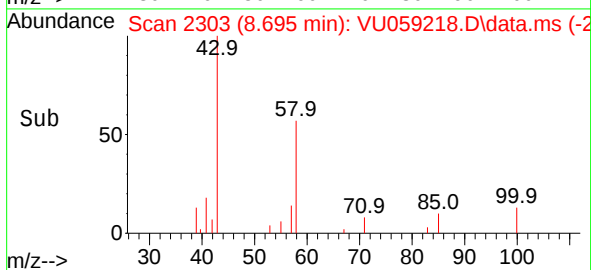
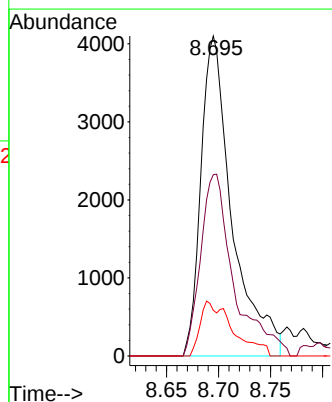
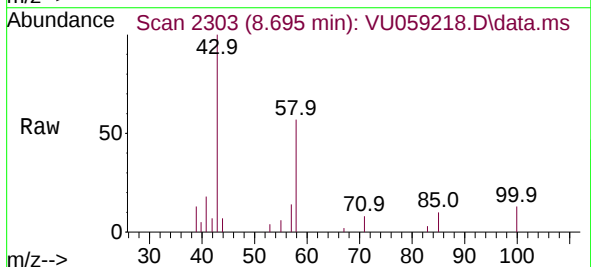
Instrument :
MSVOA_U
ClientSampleId :

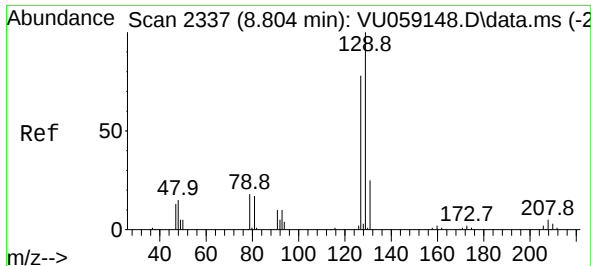
Tgt Ion: 76 Resp: 7226
Ion Ratio Lower Upper
76 100
78 31.7 25.4 38.2



#54
2-Hexanone
Concen: 1.592 ug/l
RT: 8.695 min Scan# 2303
Delta R.T. 0.016 min
Lab File: VU059218.D
Acq: 12 Jun 2024 12:54

Tgt Ion: 43 Resp: 8553
Ion Ratio Lower Upper
43 100
58 60.6 38.6 78.6
57 8.6 0.0 39.5





#55

Dibromochloromethane

Concen: 0.451 ug/l

RT: 8.807 min Scan# 2337

Delta R.T. 0.003 min

Lab File: VU059218.D

Acq: 12 Jun 2024 12:54

Instrument :

MSVOA_U

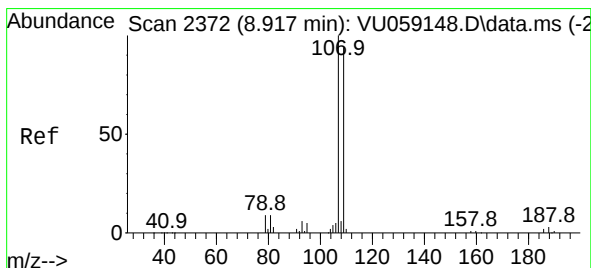
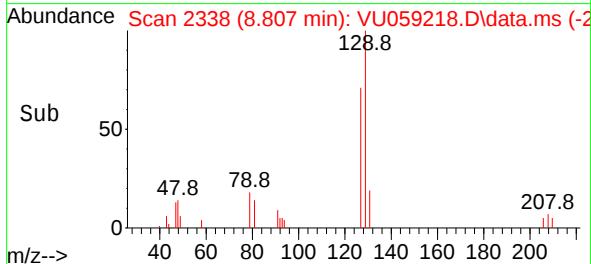
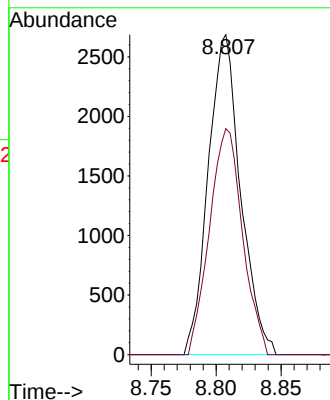
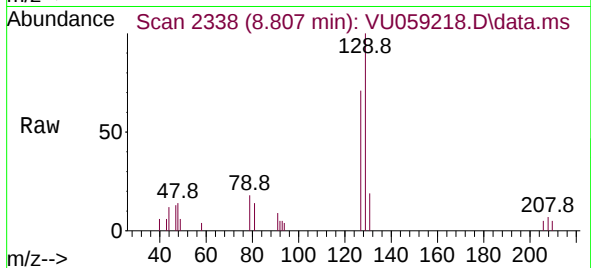
ClientSampleId :

Tgt Ion:129 Resp: 4662

Ion Ratio Lower Upper

129 100

127 71.8 61.9 92.9



#56

1,2-Dibromoethane

Concen: 0.435 ug/l

RT: 8.920 min Scan# 2373

Delta R.T. 0.003 min

Lab File: VU059218.D

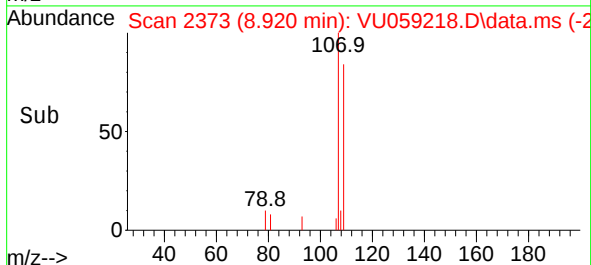
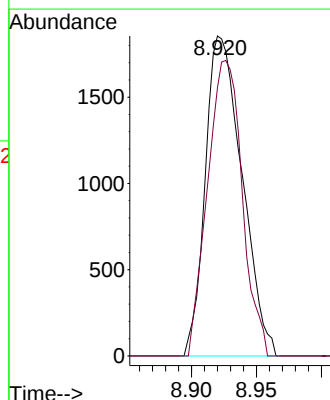
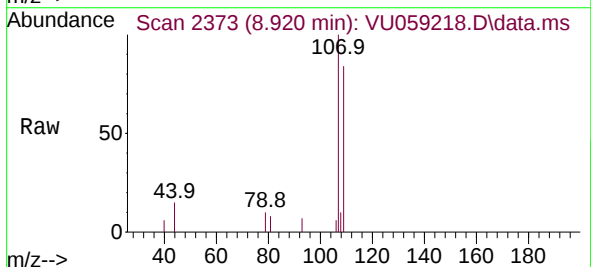
Acq: 12 Jun 2024 12:54

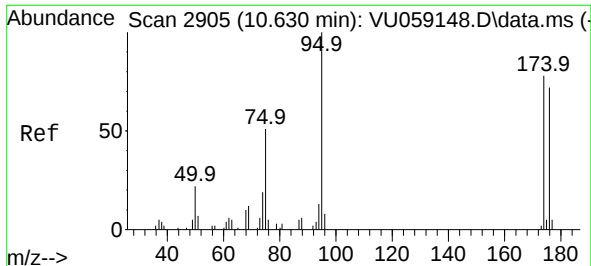
Tgt Ion:107 Resp: 3640

Ion Ratio Lower Upper

107 100

109 87.2 0.0 188.2





#57

4-Bromofluorobenzene

Concen: 0.902 ug/l

RT: 10.631 min Scan# 2905

Delta R.T. 0.000 min

Lab File: VU059218.D

Acq: 12 Jun 2024 12:54

Instrument :

MSVOA_U

ClientSampleId :

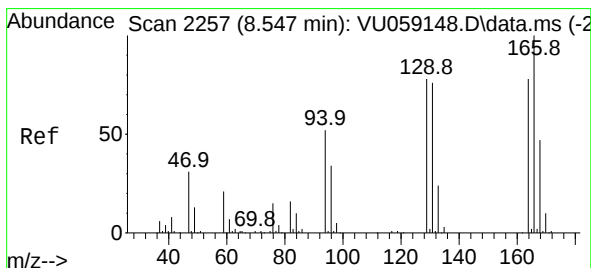
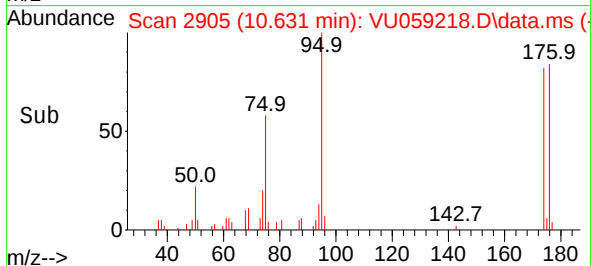
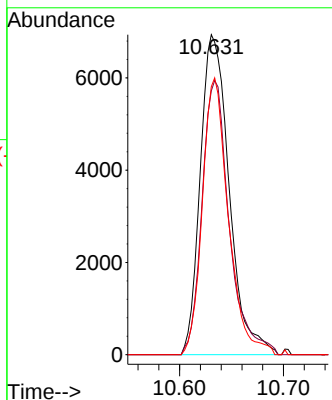
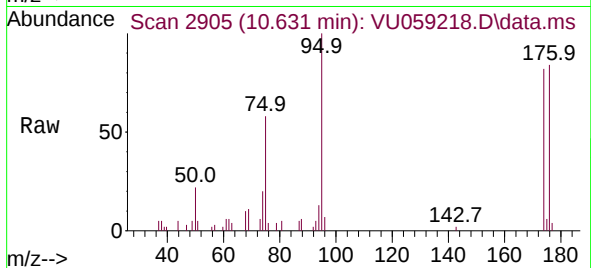
Tgt Ion: 95 Resp: 13419

Ion Ratio Lower Upper

95 100

174 80.6 59.6 89.4

176 77.8 57.3 85.9



#58

Tetrachloroethene

Concen: 0.507 ug/l

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

Lab File: VU059218.D

Acq: 12 Jun 2024 12:54

Tgt Ion: 164 Resp: 5611

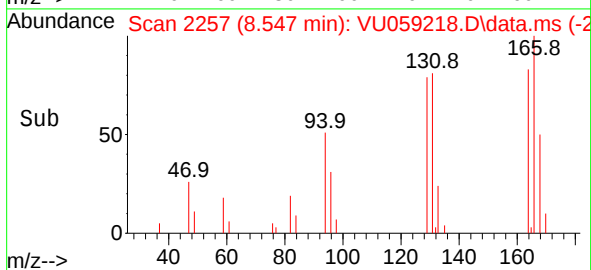
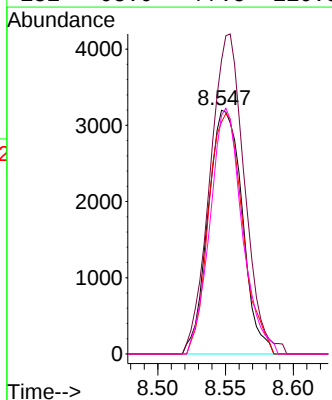
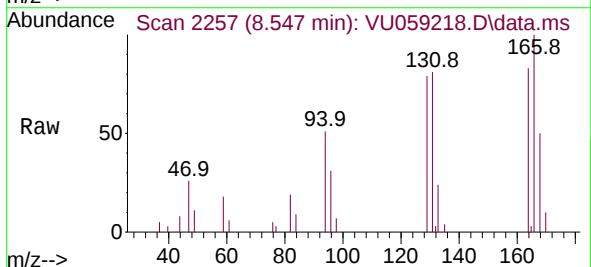
Ion Ratio Lower Upper

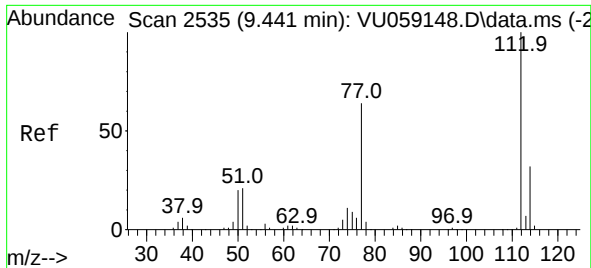
164 100

166 120.6 102.6 153.8

129 95.2 80.3 120.5

131 98.0 77.5 116.3

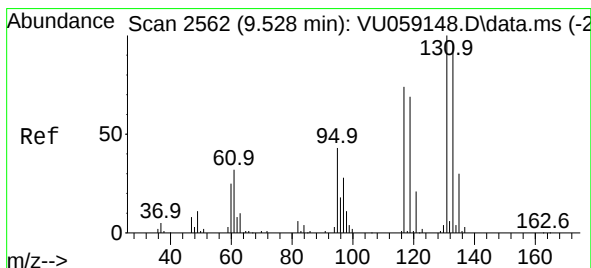
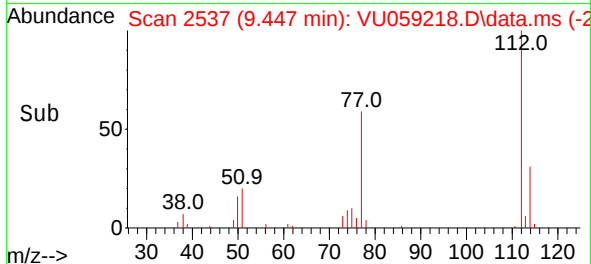
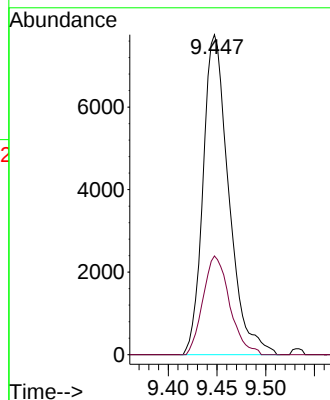
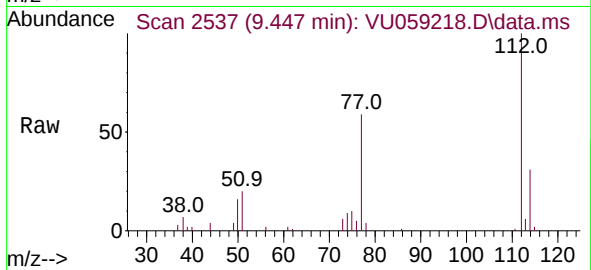




#59
Chlorobenzene
Concen: 0.470 ug/l
RT: 9.447 min Scan# 2535
Delta R.T. 0.007 min
Lab File: VU059218.D
Acq: 12 Jun 2024 12:54

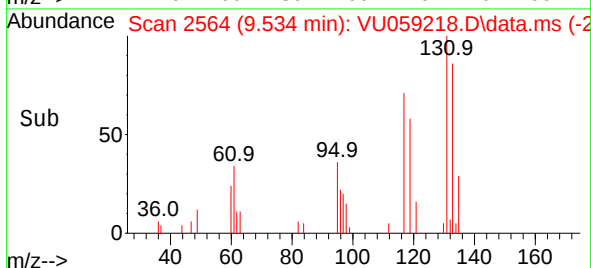
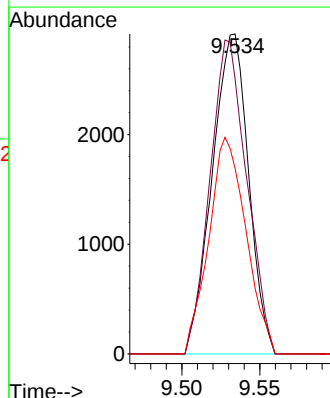
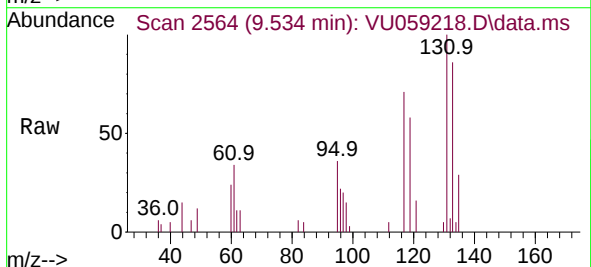
Instrument :
MSVOA_U
ClientSampleId :

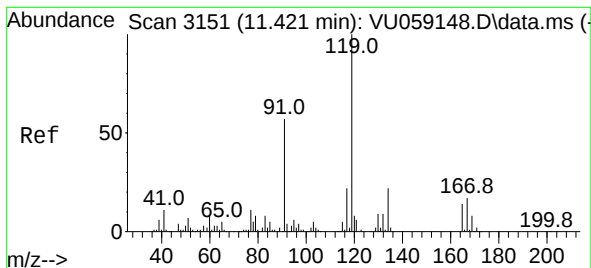
Tgt Ion:112 Resp: 14237
Ion Ratio Lower Upper
112 100
114 30.8 25.6 38.4



#60
1,1,1,2-Tetrachloroethane
Concen: 0.437 ug/l
RT: 9.534 min Scan# 2564
Delta R.T. 0.007 min
Lab File: VU059218.D
Acq: 12 Jun 2024 12:54

Tgt Ion:131 Resp: 4739
Ion Ratio Lower Upper
131 100
133 99.0 76.7 115.1
119 69.3 55.3 82.9





#61

Pentachloroethane

Concen: 0.418 ug/l

RT: 11.422 min Scan# 3151

Delta R.T. 0.000 min

Lab File: VU059218.D

Acq: 12 Jun 2024 12:54

Instrument :

MSVOA_U

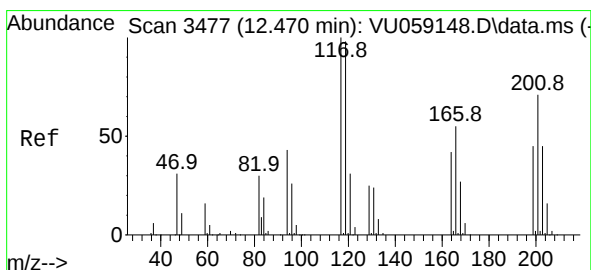
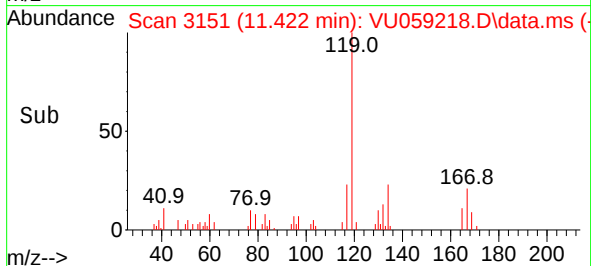
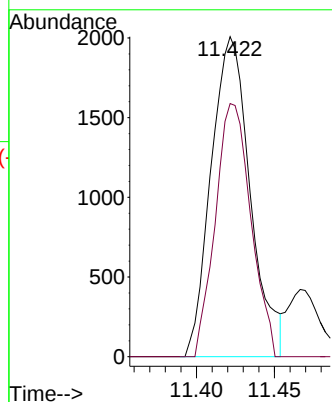
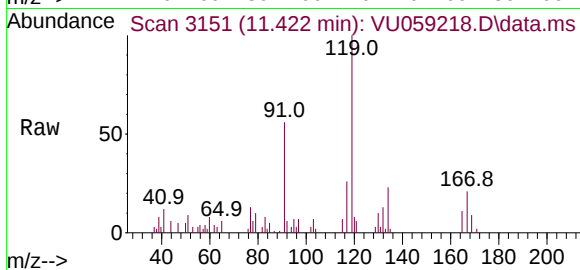
ClientSampleId :

Tgt Ion:117 Resp: 3515

Ion Ratio Lower Upper

117 100

167 71.5 58.1 87.1



#62

Hexachloroethane

Concen: 0.437 ug/l

RT: 12.470 min Scan# 3477

Delta R.T. 0.000 min

Lab File: VU059218.D

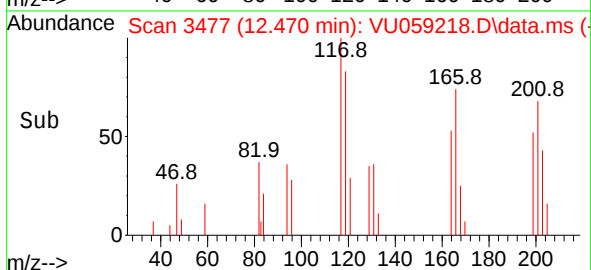
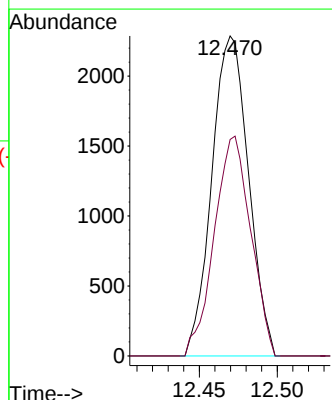
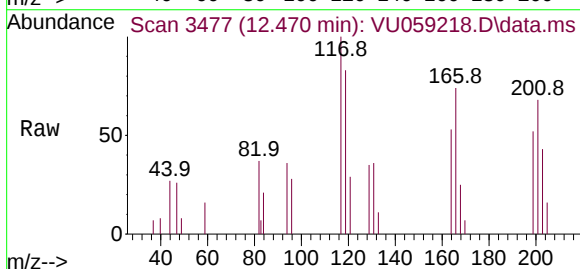
Acq: 12 Jun 2024 12:54

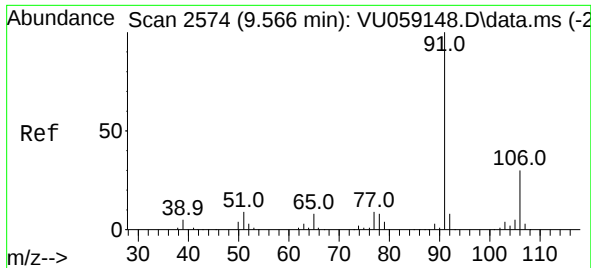
Tgt Ion:117 Resp: 3742

Ion Ratio Lower Upper

117 100

201 68.3 55.8 83.8





#63

Ethyl Benzene

Concen: 0.390 ug/l

RT: 9.569 min Scan# 2575

Delta R.T. 0.003 min

Lab File: VU059218.D

Acq: 12 Jun 2024 12:54

Instrument :

MSVOA_U

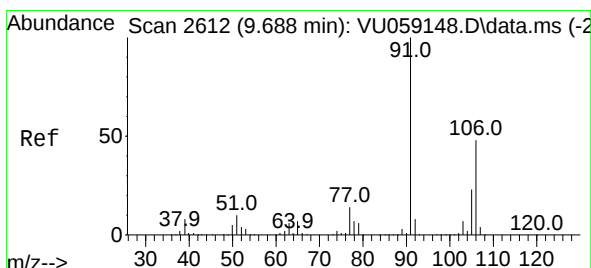
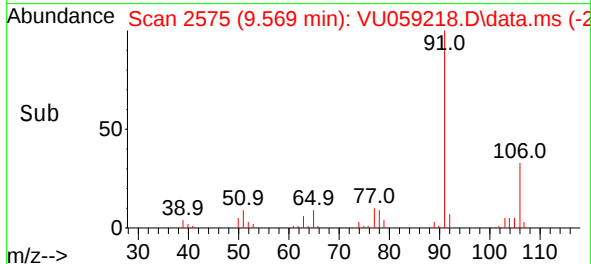
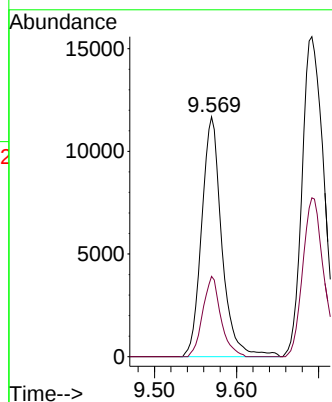
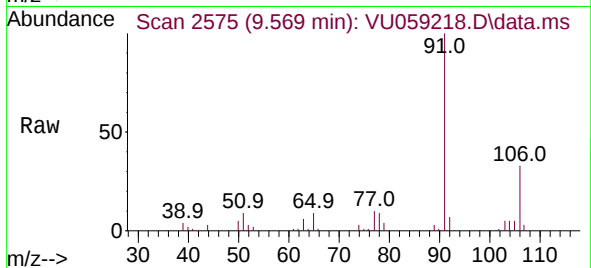
ClientSampleId :

Tgt Ion: 91 Resp: 19961

Ion Ratio Lower Upper

91 100

106 33.5 23.9 35.9



#64

m/p-Xylenes

Concen: 0.742 ug/l

RT: 9.692 min Scan# 2613

Delta R.T. 0.003 min

Lab File: VU059218.D

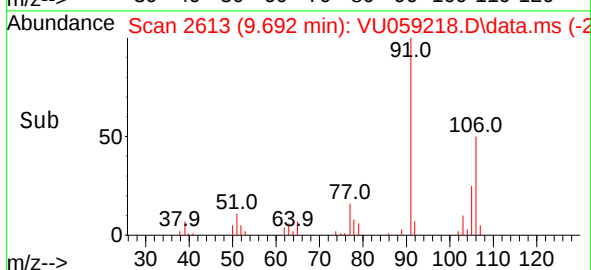
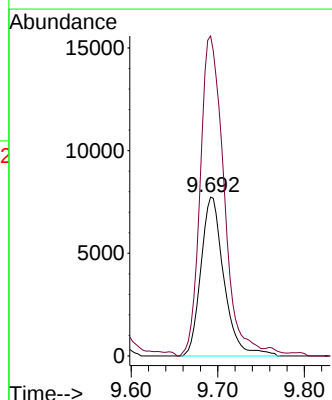
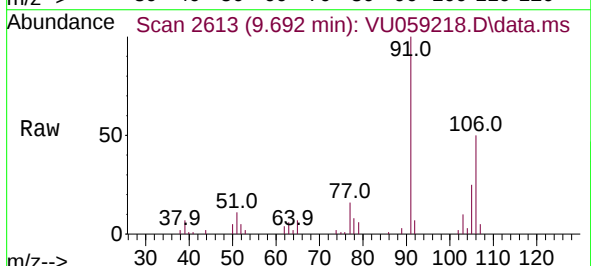
Acq: 12 Jun 2024 12:54

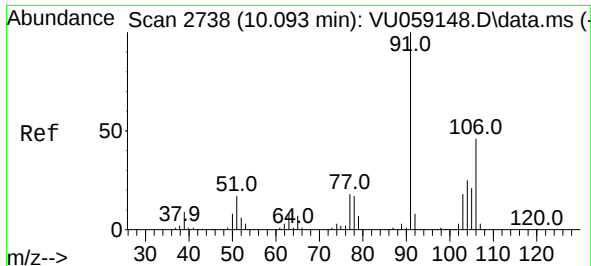
Tgt Ion:106 Resp: 14316

Ion Ratio Lower Upper

106 100

91 206.6 166.4 249.6





#65

o-Xylene

Concen: 0.368 ug/l

RT: 10.100 min Scan# 2738

Delta R.T. 0.007 min

Lab File: VU059218.D

Acq: 12 Jun 2024 12:54

Instrument :

MSVOA_U

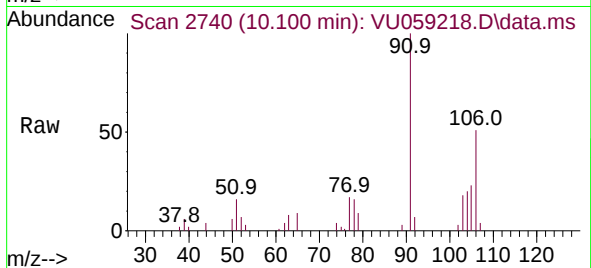
ClientSampleId :

Tgt Ion:106 Resp: 7000

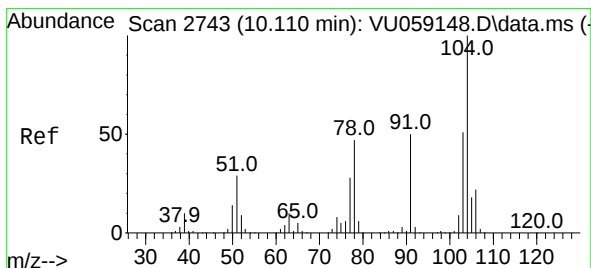
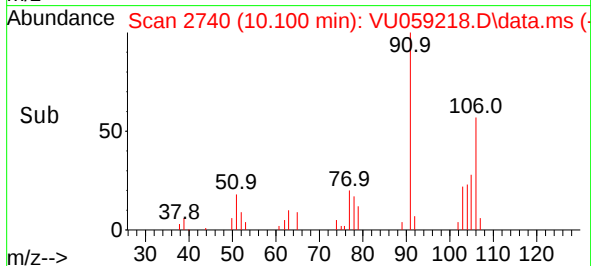
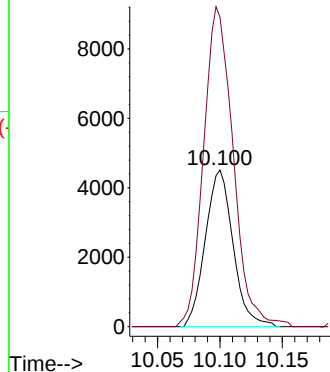
Ion Ratio Lower Upper

106 100

91 217.5 110.7 332.1



Abundance



#66

Styrene

Concen: 0.352 ug/l

RT: 10.119 min Scan# 2746

Delta R.T. 0.010 min

Lab File: VU059218.D

Acq: 12 Jun 2024 12:54

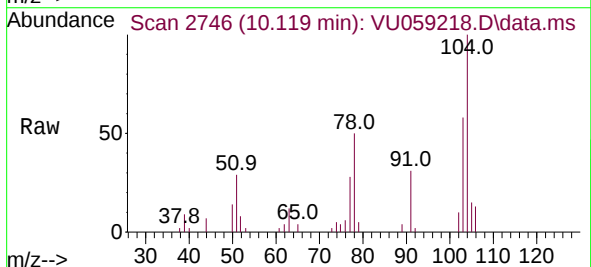
Tgt Ion:104 Resp: 10695

Ion Ratio Lower Upper

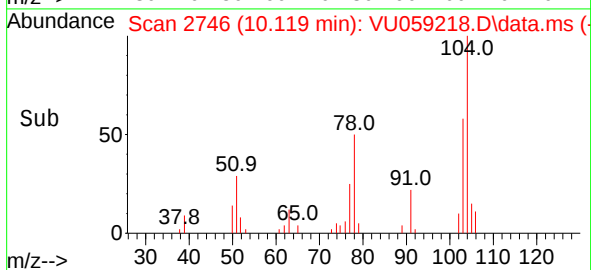
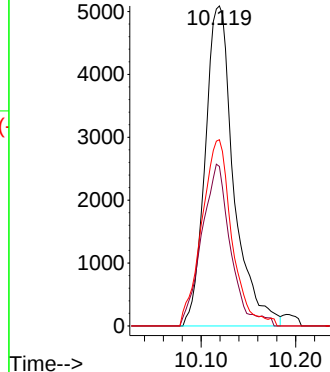
104 100

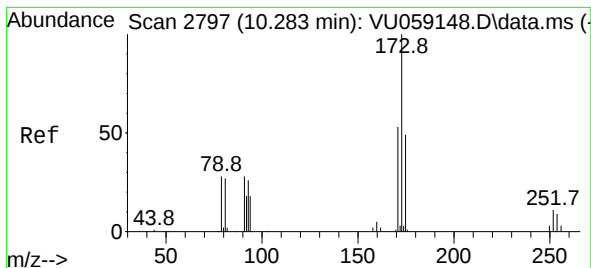
78 50.9 41.6 62.4

103 61.1 44.6 66.8



Abundance





#67

Bromoform

Concen: 0.441 ug/l

RT: 10.290 min Scan# 21

Delta R.T. 0.007 min

Lab File: VU059218.D

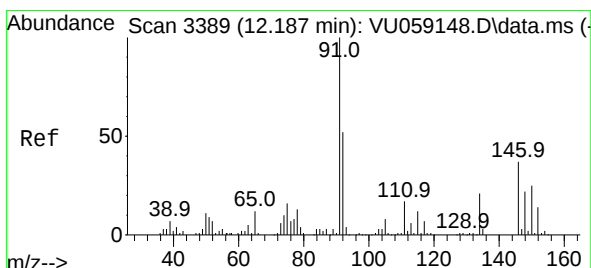
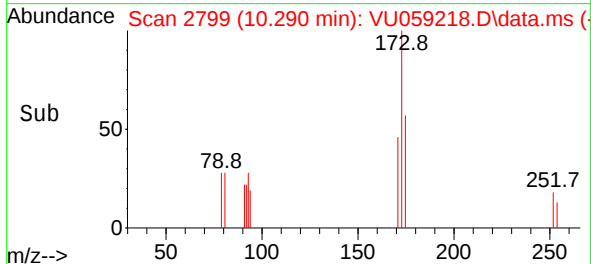
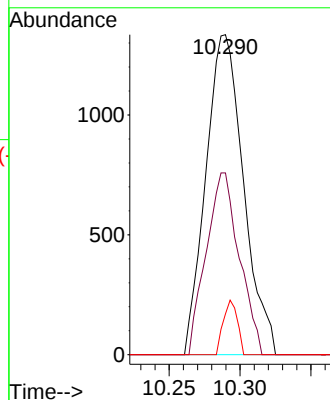
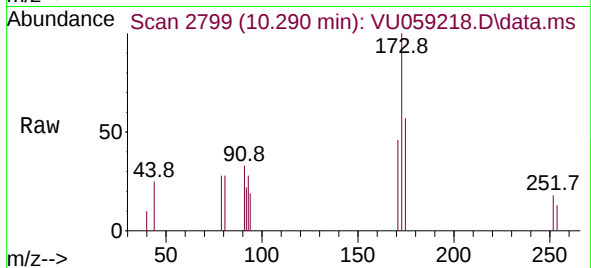
Acq: 12 Jun 2024 12:54

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:173	Resp:	2467
Ion Ratio	Lower	Upper
173	100	
175	49.8	40.1 60.1
254	6.3	7.0 10.4#



#68

1,2-Dichlorobenzene-d4

Concen: 0.910 ug/l

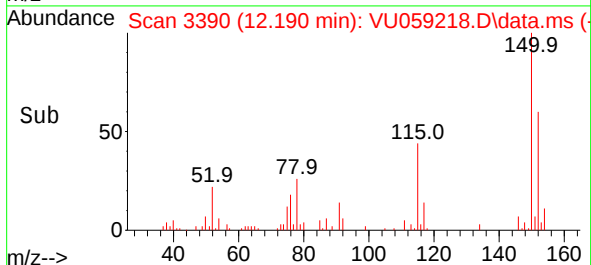
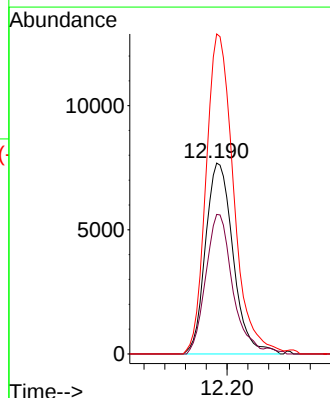
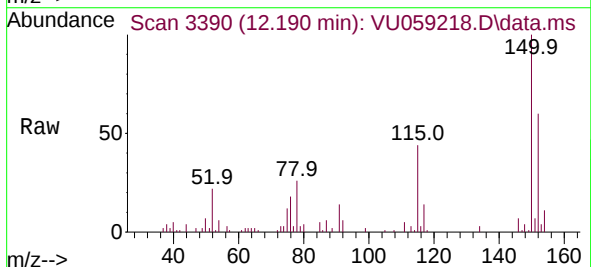
RT: 12.190 min Scan# 3390

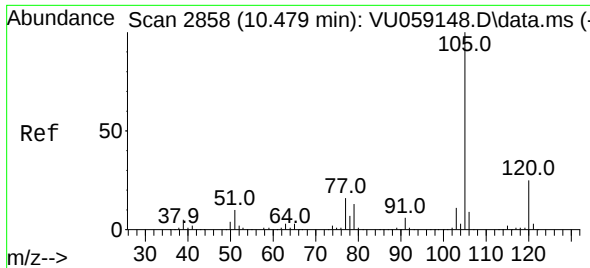
Delta R.T. 0.003 min

Lab File: VU059218.D

Acq: 12 Jun 2024 12:54

Tgt Ion:152	Resp:	14173
Ion Ratio	Lower	Upper
152	100	
115	70.6	0.0 293.2
150	167.3	0.0 636.0





#69

Isopropylbenzene

Concen: 0.379 ug/l

RT: 10.483 min Scan# 2858

Delta R.T. 0.003 min

Lab File: VU059218.D

Acq: 12 Jun 2024 12:54

Instrument :

MSVOA_U

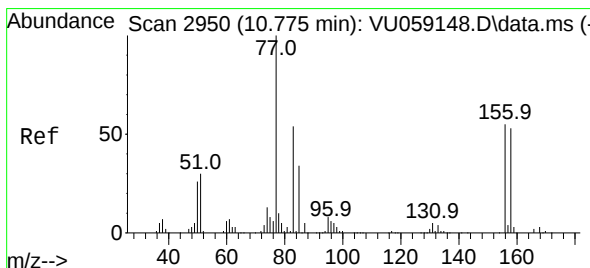
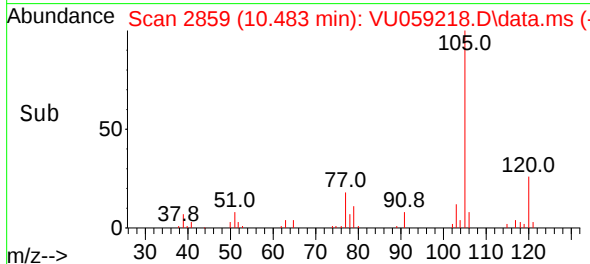
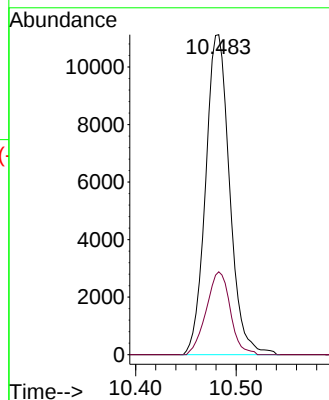
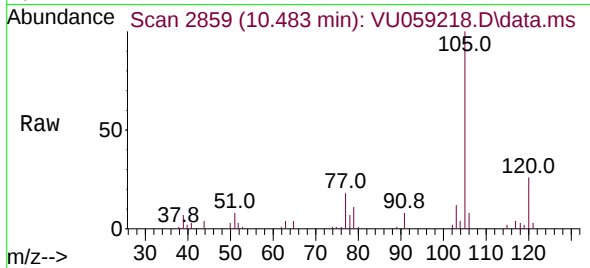
ClientSampleId :

Tgt Ion:105 Resp: 18463

Ion Ratio Lower Upper

105 100

120 25.9 12.7 38.0



#70

1,1,2,2-Tetrachloroethane

Concen: 0.441 ug/l

RT: 10.778 min Scan# 2951

Delta R.T. 0.003 min

Lab File: VU059218.D

Acq: 12 Jun 2024 12:54

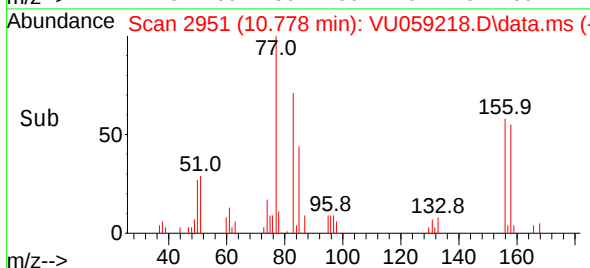
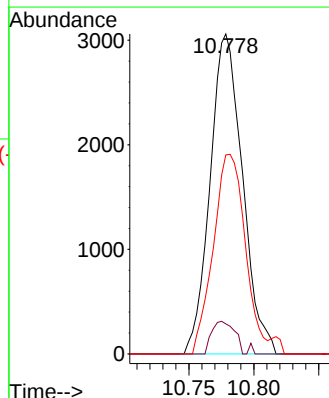
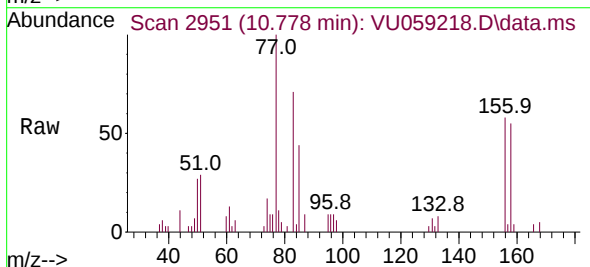
Tgt Ion: 83 Resp: 5295

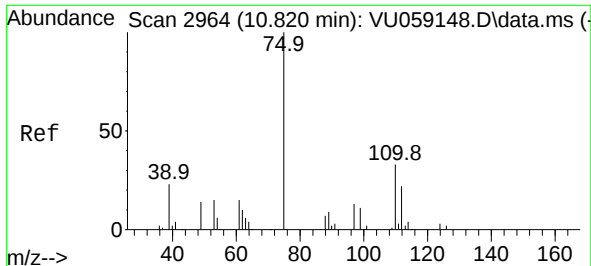
Ion Ratio Lower Upper

83 100

131 7.2 6.6 10.0

85 61.5 50.1 75.1

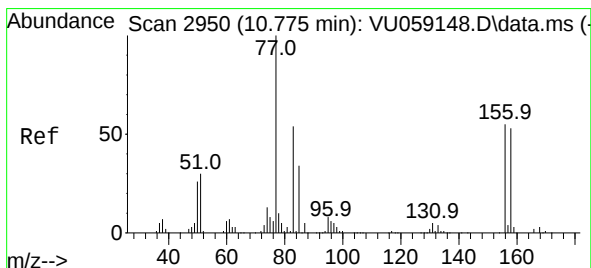
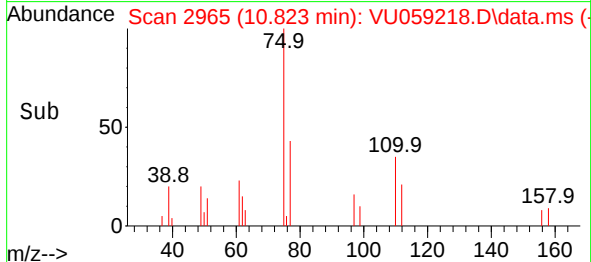
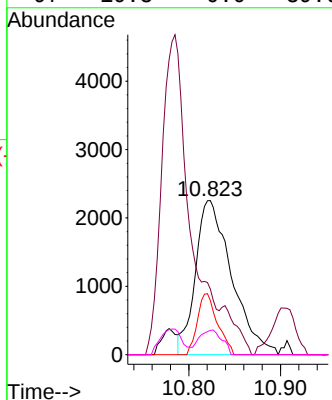
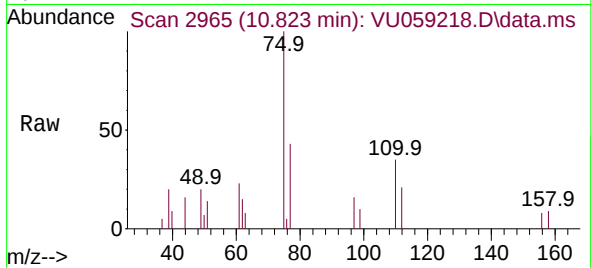




#71
1,2,3-Trichloropropane
Concen: 0.676 ug/l
RT: 10.823 min Scan# 2964
Delta R.T. 0.003 min
Lab File: VU059218.D
Acq: 12 Jun 2024 12:54

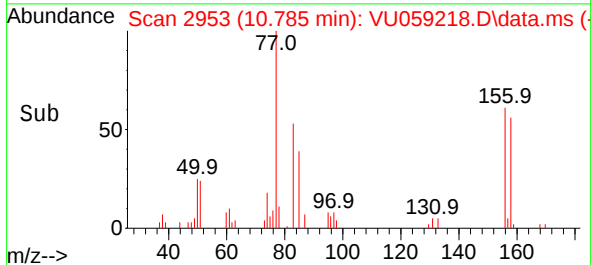
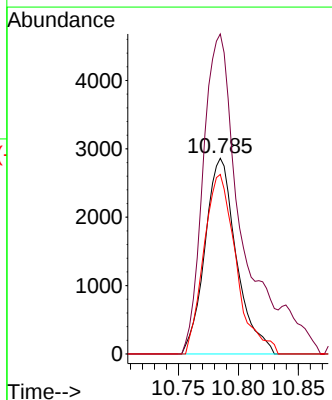
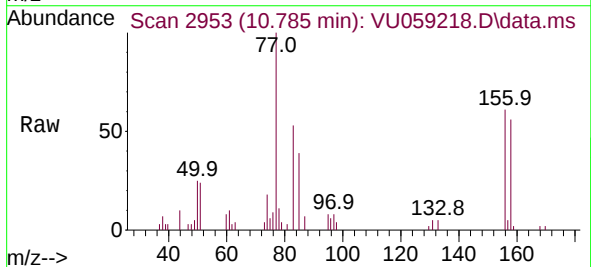
Instrument :
MSVOA_U
ClientSampleId :

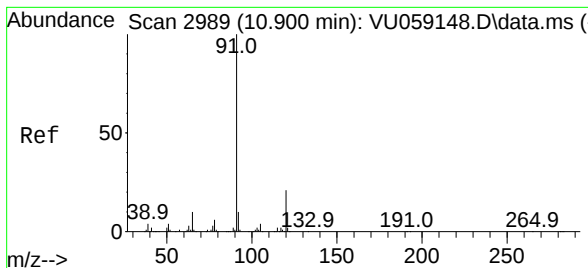
Tgt Ion:	75	Resp:	6194
Ion Ratio	Lower	Upper	
75	100		
77	20.1	0.0	0.0#
110	21.9	0.0	68.4
97	10.3	0.0	39.6



#72
Bromobenzene
Concen: 0.446 ug/l
RT: 10.785 min Scan# 2953
Delta R.T. 0.010 min
Lab File: VU059218.D
Acq: 12 Jun 2024 12:54

Tgt Ion:	156	Resp:	5214
Ion Ratio	Lower	Upper	
156	100		
77	189.2	0.0	359.6
158	94.2	0.0	192.2





#73

n-propylbenzene

Concen: 0.372 ug/l

RT: 10.907 min Scan# 2989

Delta R.T. 0.007 min

Lab File: VU059218.D

Acq: 12 Jun 2024 12:54

Instrument :

MSVOA_U

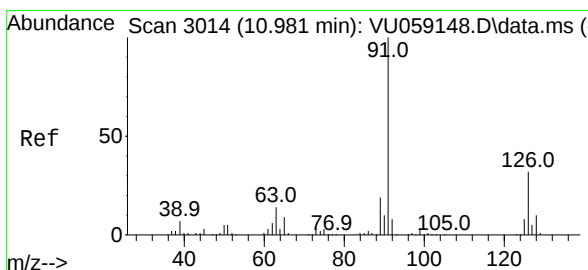
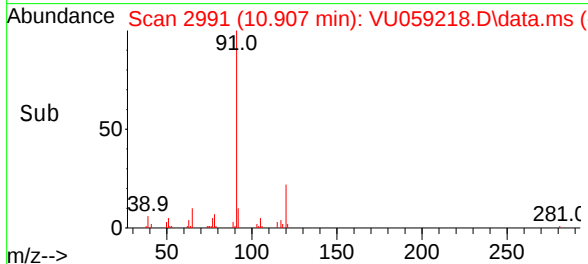
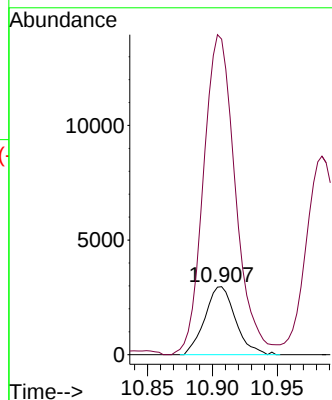
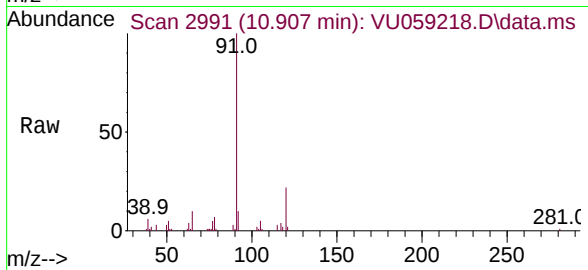
ClientSampleId :

Tgt Ion:120 Resp: 4845

Ion Ratio Lower Upper

120 100

91 492.3 378.6 567.8



#74

2-Chlorotoluene

Concen: 0.389 ug/l

RT: 10.984 min Scan# 3015

Delta R.T. 0.003 min

Lab File: VU059218.D

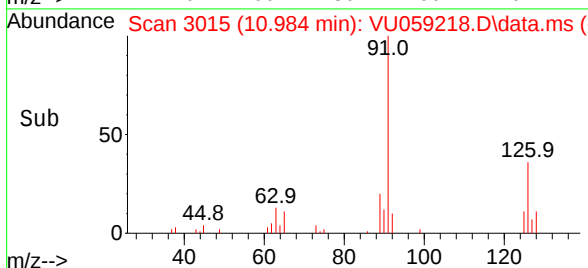
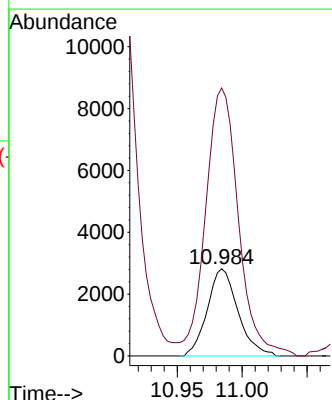
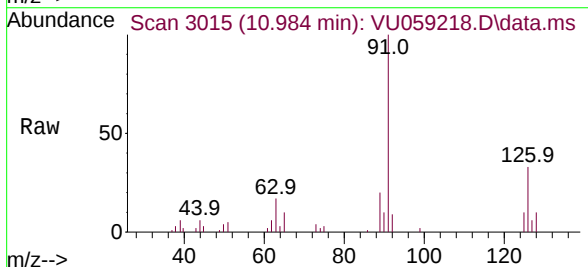
Acq: 12 Jun 2024 12:54

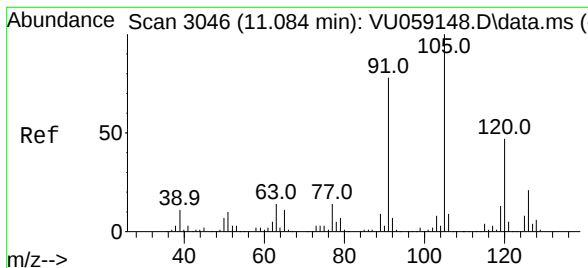
Tgt Ion:126 Resp: 4627

Ion Ratio Lower Upper

126 100

91 330.3 0.0 627.0





#75

1,3,5-Trimethylbenzene

Concen: 0.348 ug/l

RT: 11.087 min Scan# 3046

Delta R.T. 0.003 min

Lab File: VU059218.D

Acq: 12 Jun 2024 12:54

Instrument :

MSVOA_U

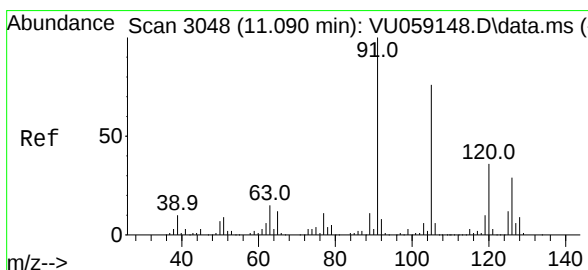
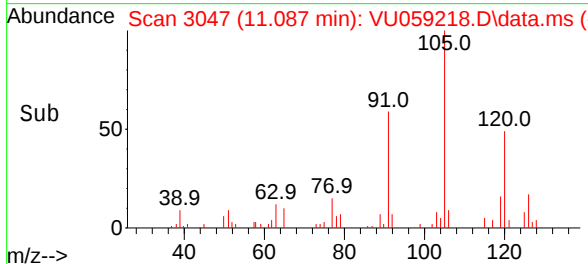
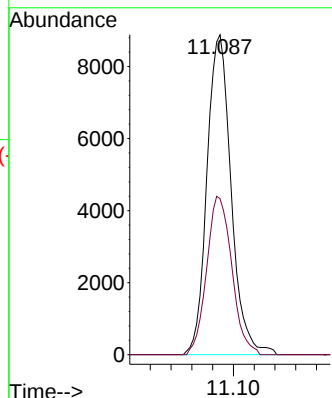
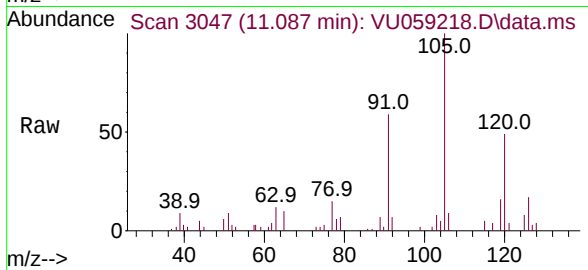
ClientSampleId :

Tgt Ion:105 Resp: 14346

Ion Ratio Lower Upper

105 100

120 51.4 37.5 56.3



#76

4-Chlorotoluene

Concen: 0.401 ug/l

RT: 11.100 min Scan# 3051

Delta R.T. 0.010 min

Lab File: VU059218.D

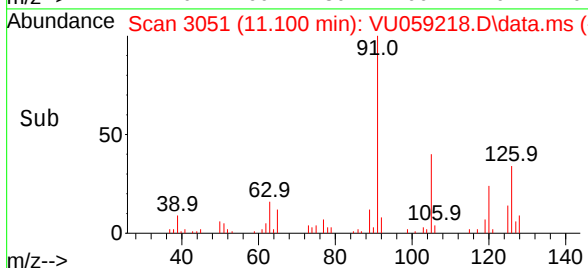
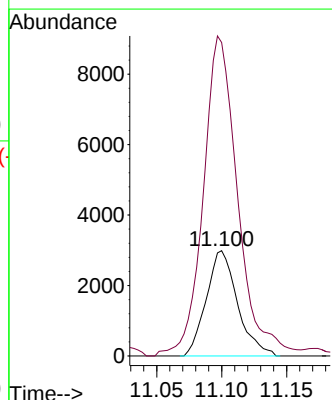
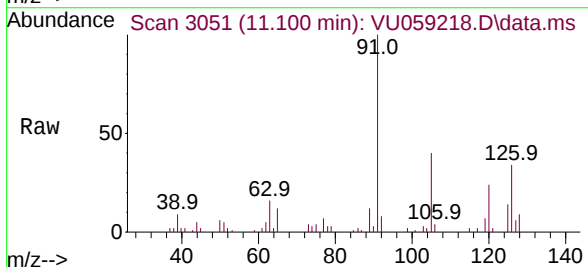
Acq: 12 Jun 2024 12:54

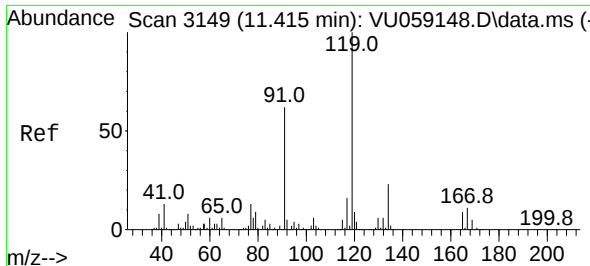
Tgt Ion:126 Resp: 4998

Ion Ratio Lower Upper

126 100

91 335.0 0.0 704.4





#77

tert-Butylbenzene

Concen: 0.381 ug/l

RT: 11.415 min Scan# 3149

Delta R.T. 0.000 min

Lab File: VU059218.D

Acq: 12 Jun 2024 12:54

Instrument :

MSVOA_U

ClientSampleId :

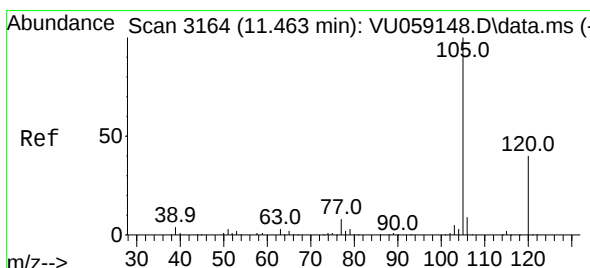
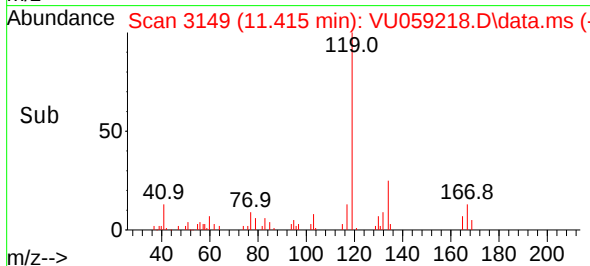
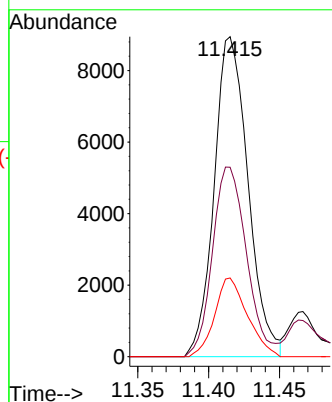
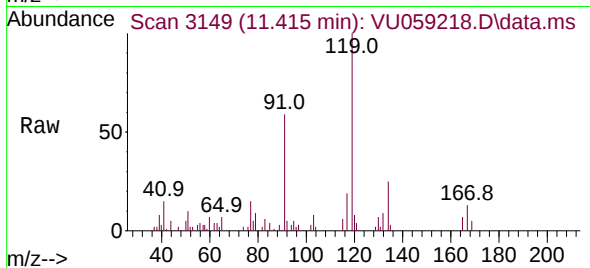
Tgt Ion:119 Resp: 14889

Ion Ratio Lower Upper

119 100

91 59.4 30.7 92.1

134 23.8 17.7 26.5



#78

1,2,4-Trimethylbenzene

Concen: 0.337 ug/l

RT: 11.467 min Scan# 3165

Delta R.T. 0.003 min

Lab File: VU059218.D

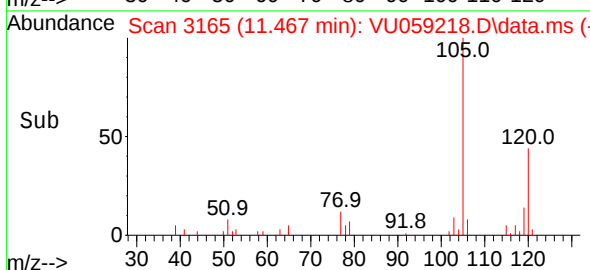
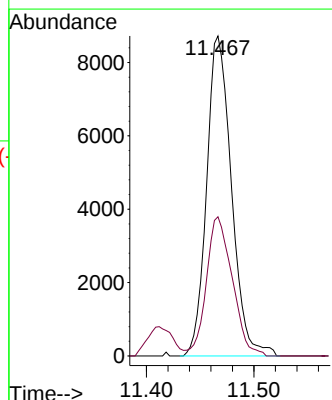
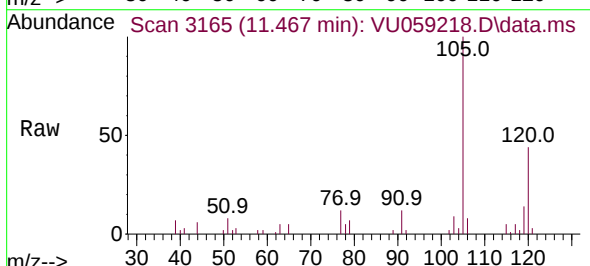
Acq: 12 Jun 2024 12:54

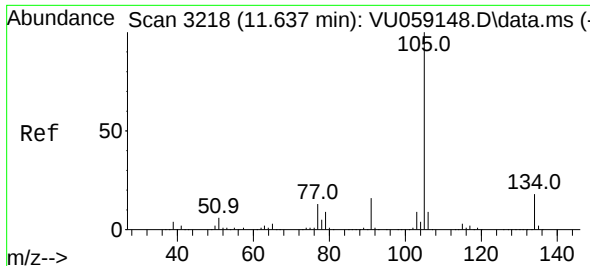
Tgt Ion:105 Resp: 14014

Ion Ratio Lower Upper

105 100

120 45.4 21.7 65.1





#79

sec-Butylbenzene

Concen: 0.395 ug/l

RT: 11.640 min Scan# 3218

Delta R.T. 0.003 min

Lab File: VU059218.D

Acq: 12 Jun 2024 12:54

Instrument :

MSVOA_U

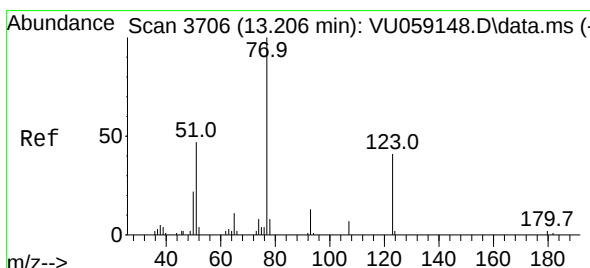
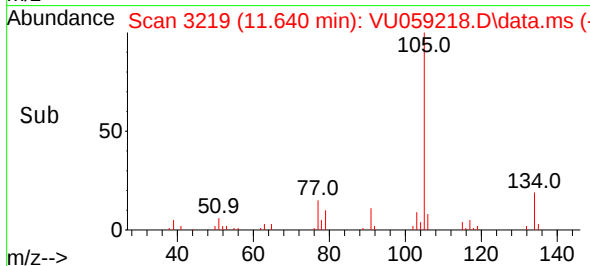
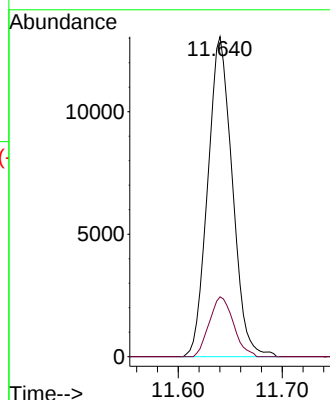
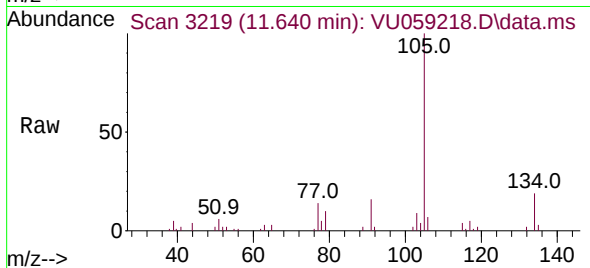
ClientSampleId :

Tgt Ion:105 Resp: 21438

Ion Ratio Lower Upper

105 100

134 18.4 14.5 21.7



#80

Nitrobenzene

Concen: 1.917 ug/l

RT: 13.241 min Scan# 3717

Delta R.T. 0.035 min

Lab File: VU059218.D

Acq: 12 Jun 2024 12:54

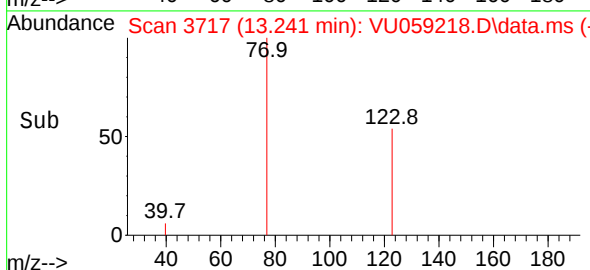
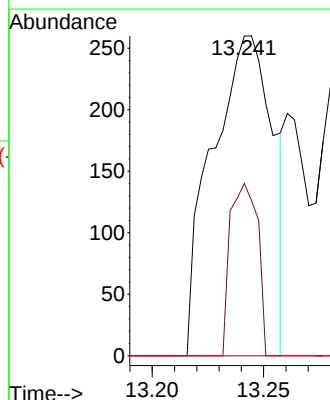
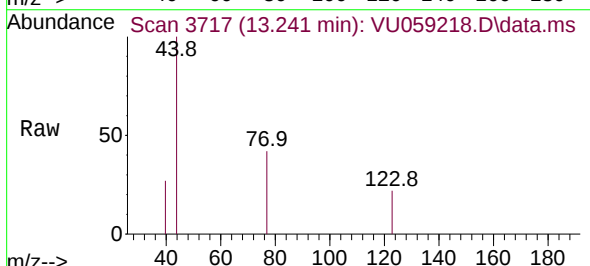
Tgt Ion: 77 Resp: 493

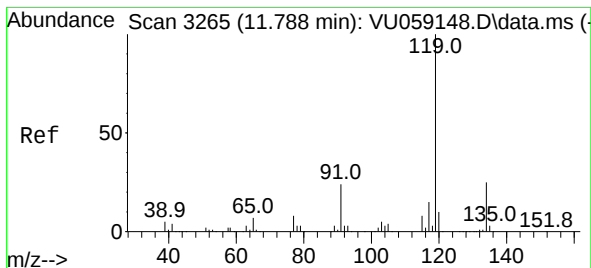
Ion Ratio Lower Upper

77 100

123 24.3 18.3 64.7

65 0.0 10.6 13.4#





#81

p-Isopropyltoluene

Concen: 0.357 ug/l

RT: 11.791 min Scan# 3266

Delta R.T. 0.003 min

Lab File: VU059218.D

Acq: 12 Jun 2024 12:54

Instrument :

MSVOA_U

ClientSampleId :

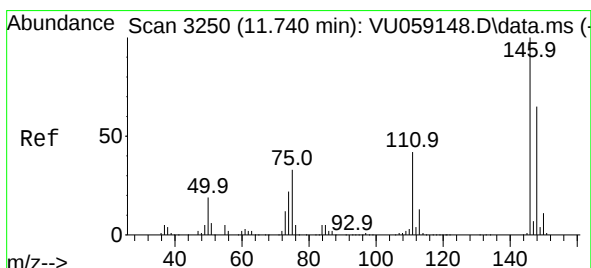
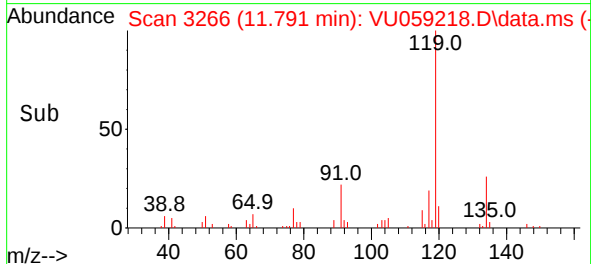
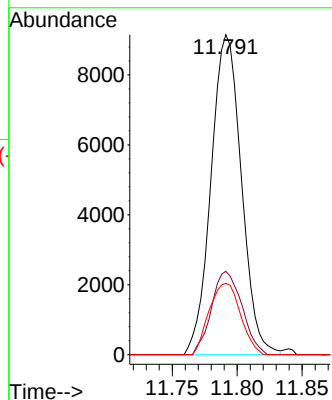
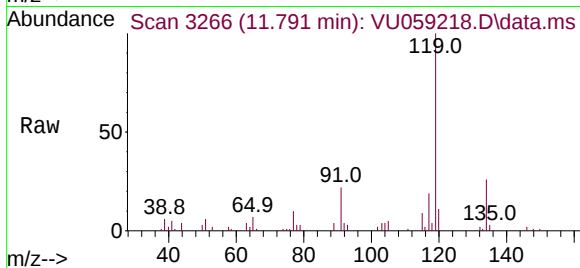
Tgt Ion:119 Resp: 14876

Ion Ratio Lower Upper

119 100

134 26.1 20.2 30.4

91 22.9 19.3 28.9



#82

1,3-Dichlorobenzene

Concen: 0.467 ug/l

RT: 11.746 min Scan# 3252

Delta R.T. 0.007 min

Lab File: VU059218.D

Acq: 12 Jun 2024 12:54

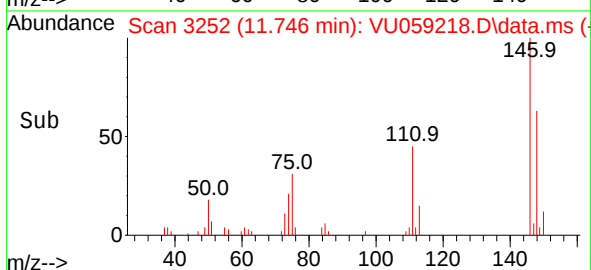
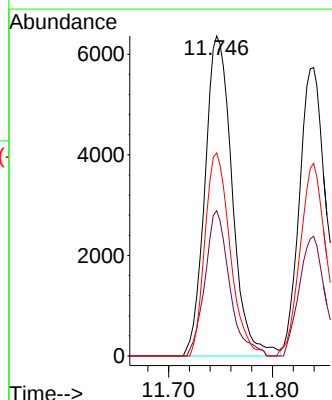
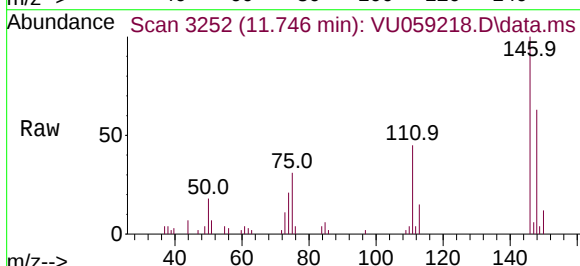
Tgt Ion:146 Resp: 11555

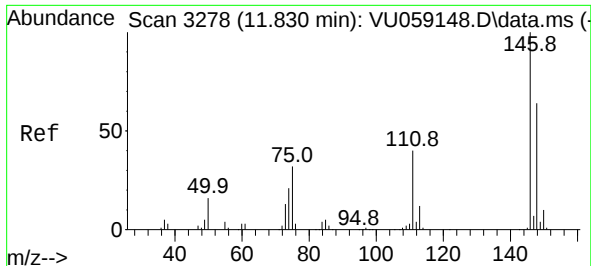
Ion Ratio Lower Upper

146 100

111 41.1 33.4 50.0

148 59.0 51.2 76.8





#83

1,4-Dichlorobenzene

Concen: 0.435 ug/l

RT: 11.839 min Scan# 3278

Delta R.T. 0.010 min

Lab File: VU059218.D

Acq: 12 Jun 2024 12:54

Instrument :

MSVOA_U

ClientSampleId :

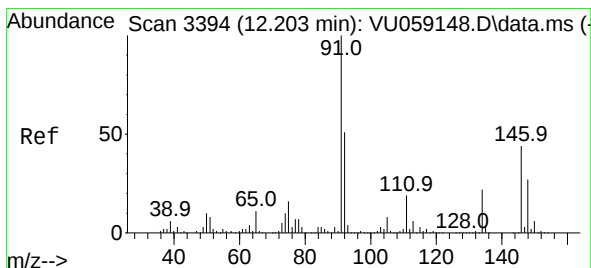
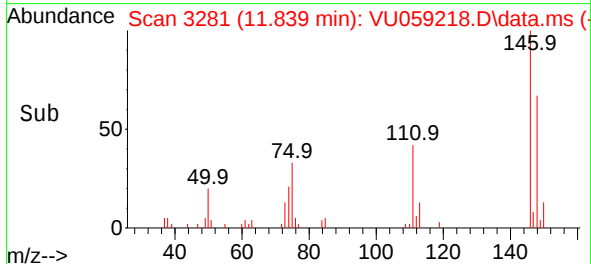
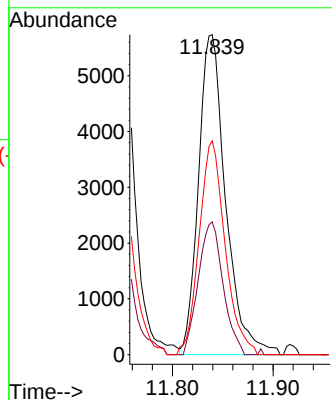
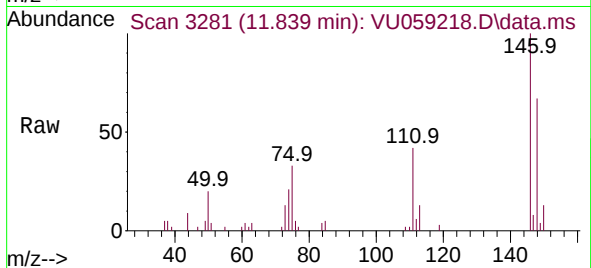
Tgt Ion:146 Resp: 10772

Ion Ratio Lower Upper

146 100

111 37.7 32.1 48.1

148 63.7 51.2 76.8



#84

n-Butylbenzene

Concen: 0.385 ug/l

RT: 12.209 min Scan# 3396

Delta R.T. 0.007 min

Lab File: VU059218.D

Acq: 12 Jun 2024 12:54

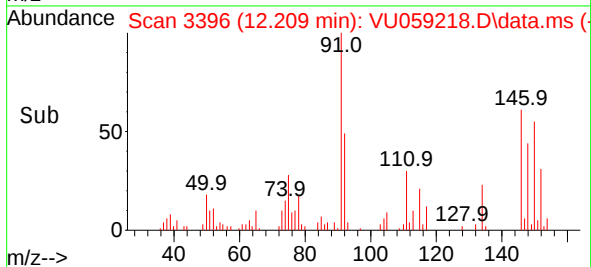
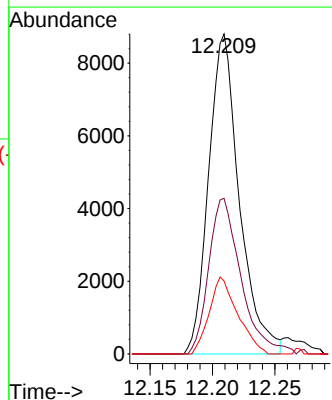
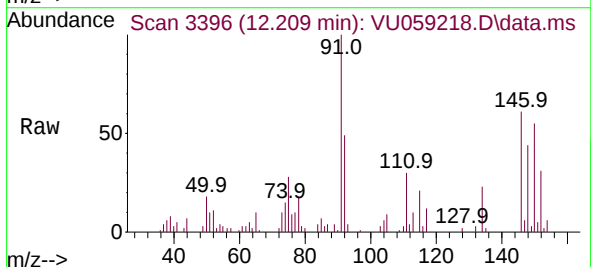
Tgt Ion: 91 Resp: 15105

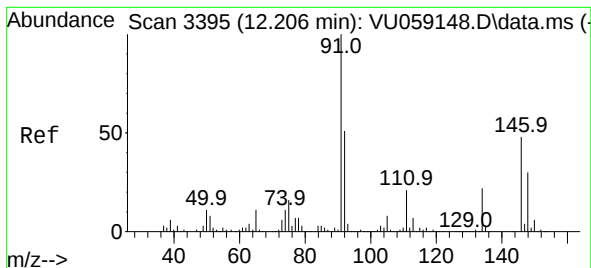
Ion Ratio Lower Upper

91 100

92 50.9 40.7 61.1

134 22.3 17.6 26.4





#85

1,2-Dichlorobenzene

Concen: 0.434 ug/l

RT: 12.212 min Scan# 3395

Delta R.T. 0.007 min

Lab File: VU059218.D

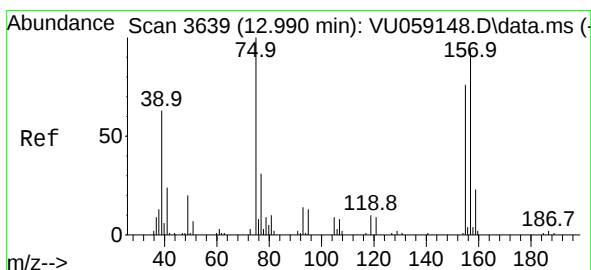
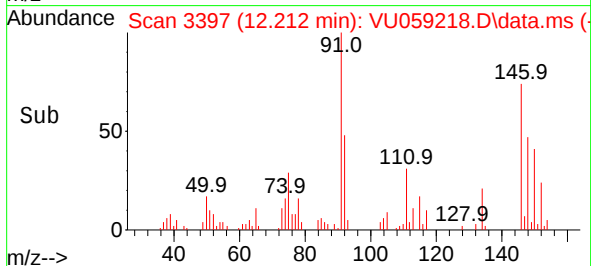
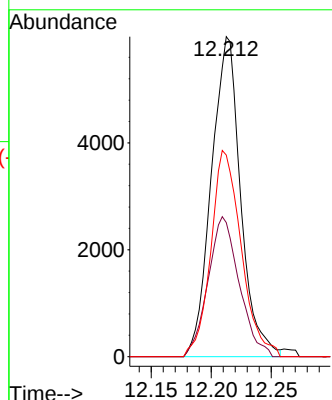
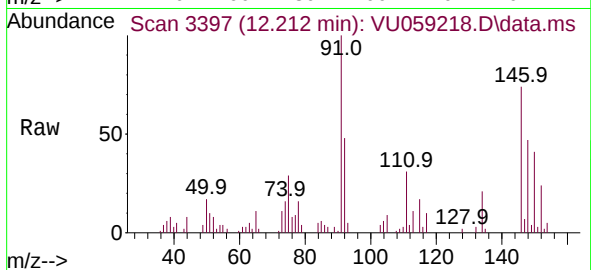
Acq: 12 Jun 2024 12:54

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	146	Resp:	10146
Ion Ratio	Lower	Upper	
146	100		
111	46.5	21.8	65.3
148	67.0	31.3	93.9



#86

1,2-Dibromo-3-Chloropropane

Concen: 0.444 ug/l

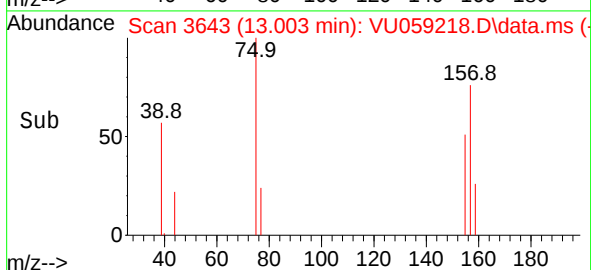
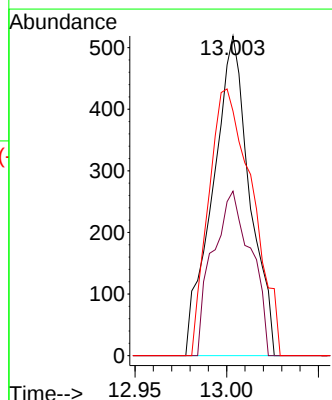
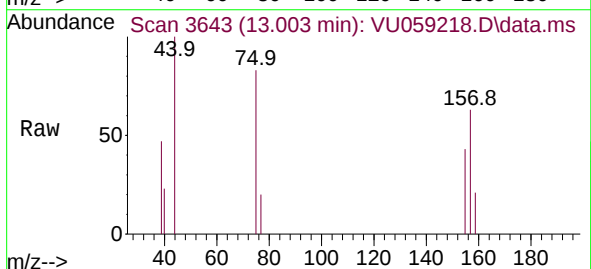
RT: 13.003 min Scan# 3643

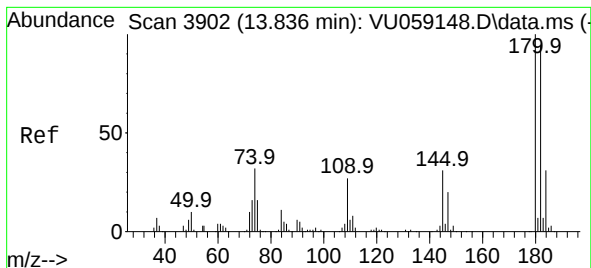
Delta R.T. 0.013 min

Lab File: VU059218.D

Acq: 12 Jun 2024 12:54

Tgt Ion:	75	Resp:	726
Ion Ratio	Lower	Upper	
75	100		
155	53.3	61.2	91.8#
157	99.2	75.8	113.6





#87

1,2,4-Trichlorobenzene

Concen: 0.450 ug/l

RT: 13.843 min Scan# 3904

Delta R.T. 0.007 min

Lab File: VU059218.D

Acq: 12 Jun 2024 12:54

Instrument :

MSVOA_U

ClientSampleId :

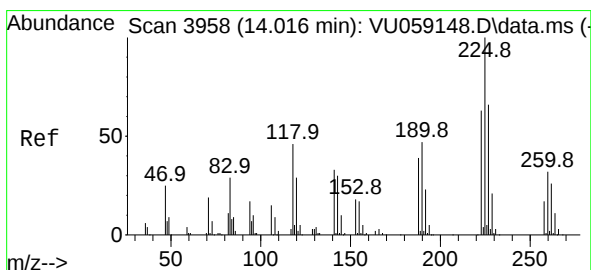
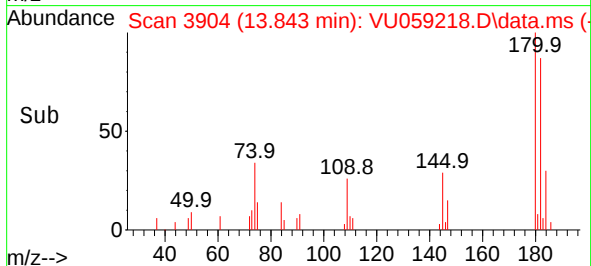
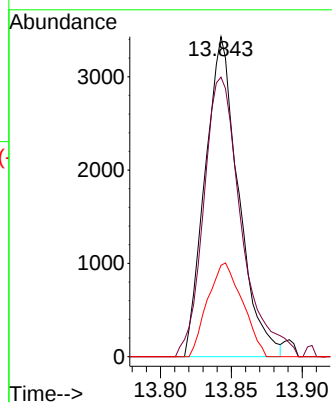
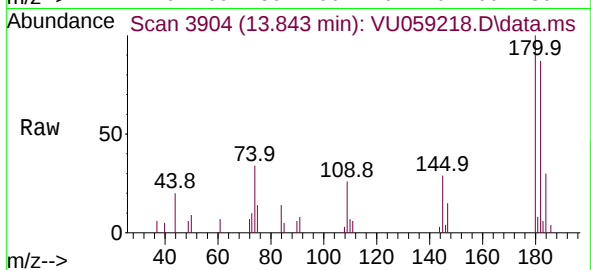
Tgt Ion:180 Resp: 5625

Ion Ratio Lower Upper

180 100

182 98.0 75.7 113.5

145 30.5 24.6 36.8



#88

Hexachlorobutadiene

Concen: 0.521 ug/l

RT: 14.016 min Scan# 3958

Delta R.T. 0.000 min

Lab File: VU059218.D

Acq: 12 Jun 2024 12:54

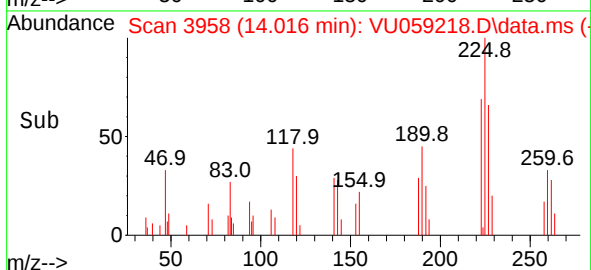
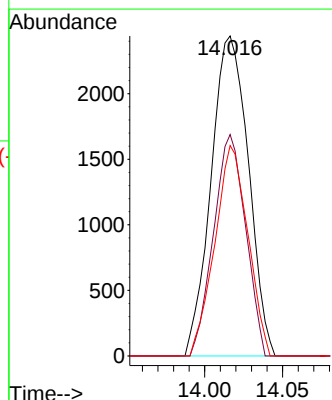
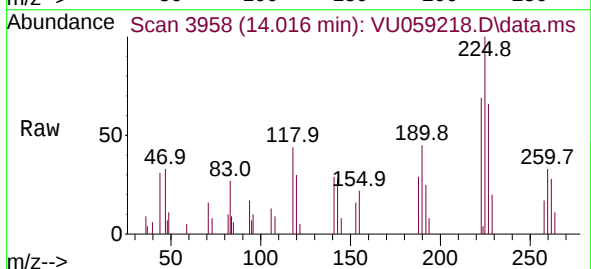
Tgt Ion:225 Resp: 4068

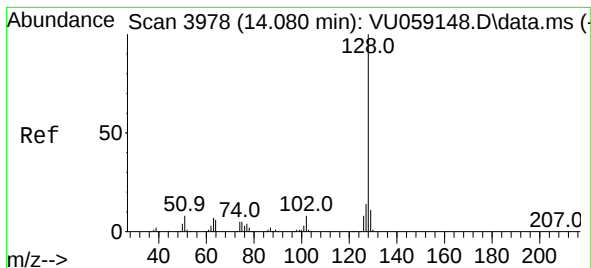
Ion Ratio Lower Upper

225 100

223 59.2 50.0 75.0

227 58.1 51.8 77.8





#89

Naphthalene

Concen: 0.394 ug/l

RT: 14.090 min Scan# 3981

Delta R.T. 0.010 min

Lab File: VU059218.D

Acq: 12 Jun 2024 12:54

Instrument :

MSVOA_U

ClientSampleId :

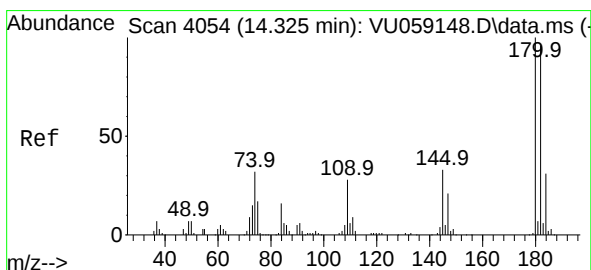
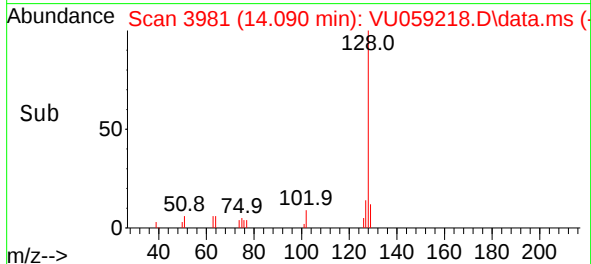
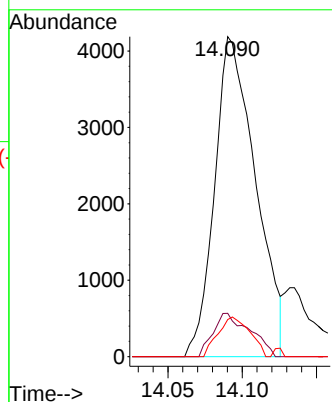
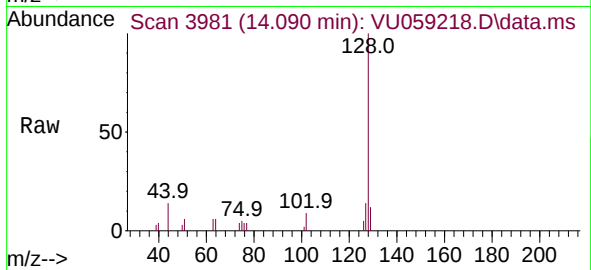
Tgt Ion:128 Resp: 8017

Ion Ratio Lower Upper

128 100

127 12.2 10.7 16.1

129 9.7 8.4 12.6



#90

1,2,3-Trichlorobenzene

Concen: 0.488 ug/l

RT: 14.331 min Scan# 4056

Delta R.T. 0.006 min

Lab File: VU059218.D

Acq: 12 Jun 2024 12:54

Tgt Ion:180 Resp: 5545

Ion Ratio Lower Upper

180 100

182 100.3 76.3 114.5

145 28.4 26.5 39.7

