

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021025\
 Data File : VU063219.D
 Acq On : 10 Feb 2025 12:59
 Operator : MD/SY
 Sample : VSTDICC0.5
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 11 03:57:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021025DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Feb 11 03:56:39 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.107	96	49900	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	15091	0.917	ug/l	0.00
Spiked Amount 1.000			Recovery	=	92.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	15652	0.914	ug/l	0.00
Spiked Amount 1.000			Recovery	=	91.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	8130	0.501	ug/l	99
3) Chloromethane	1.518	50	9740	0.522	ug/l	100
4) Vinyl Chloride	1.599	62	9090	0.492	ug/l	98
5) Bromomethane	1.849	94	4941	0.578	ug/l	82
6) Chloroethane	1.927	64	6121	0.526	ug/l	90
7) Trichlorofluoromethane	2.129	101	10617	0.485	ug/l	92
8) 1,1,2-Trichloro-1,2,2-...	2.570	101	6464	0.520	ug/l	95
9) 1,1-Dichloroethene	2.573	96	6378	0.504	ug/l	95
10) Iodomethane	2.711	142	9771	0.491	ug/l	99
11) Allyl Chloride	2.917	41	8493	0.467	ug/l	91
12) Acrylonitrile	3.332	53	2314	0.804	ug/l	# 75
13) Acetone	2.618	43	6197	2.760	ug/l	90
14) Carbon Disulfide	2.782	76	23559	0.532	ug/l	100
15) Methylene Chloride	3.033	84	8284	0.530	ug/l	96
16) trans-1,2-Dichloroethene	3.348	96	7275	0.504	ug/l	99
17) 1,1-Dichloroethane	3.856	63	13044	0.479	ug/l	96
18) 2-Butanone	4.730	43	5575	1.537	ug/l	93
19) Cyclohexane	5.377	56	9530	0.435	ug/l	98
20) Methylcyclohexane	6.753	83	9399	0.433	ug/l	96
21) 2,2-Dichloropropane	4.653	77	10817	0.509	ug/l	95
22) cis-1,2-Dichloroethene	4.663	96	7417	0.475	ug/l	91
23) Diethyl Ether	2.367	59	5553	0.511	ug/l	95
24) tert-Butyl Alcohol	3.171	59	13008	5.571	ug/l	# 80
25) Methyl tert-Butyl Ether	3.354	73	14531	0.460	ug/l	98
26) Bromochloromethane	4.968	128	3323	0.487	ug/l	95
27) Chloroform	5.081	83	13627	0.496	ug/l	93
28) 1,1,1-Trichloroethane	5.306	97	10801	0.485	ug/l	98
29) 1,1-Dichloropropene	5.518	75	9175	0.460	ug/l	99
30) Carbon Tetrachloride	5.515	117	9251	0.485	ug/l	93
31) Isopropyl Ether	3.978	45	17908	0.461	ug/l	98
32) Ethyl-t-butyl ether	4.492	59	16177	0.458	ug/l	99
33) Tert-Amyl methyl ether	5.930	73	13471	0.436	ug/l	99
34) Propionitrile	4.801	54	1164	1.035	ug/l	# 82
35) Benzene	5.769	78	29011	0.473	ug/l	98
36) 1,2-Dichloroethane	5.791	62	8750	0.494	ug/l	# 95
37) Trichloroethene	6.537	130	7149	0.490	ug/l	94
38) 1,2-Dichloropropane	6.782	63	7842	0.489	ug/l	98
39) Methacrylonitrile	5.000	41	952	0.237	ug/l	# 33
41) Tetrahydrofuran	5.065	42	2289	0.970	ug/l	# 58
42) 1-Chlorobutane	5.451	56	12081	0.443	ug/l	92
43) Dibromomethane	6.910	93	4024	0.495	ug/l	94
44) Bromodichloromethane	7.100	83	8280	0.438	ug/l	# 99
45) 4-Methyl-2-Pentanone	7.785	43	18398	2.160	ug/l	# 91

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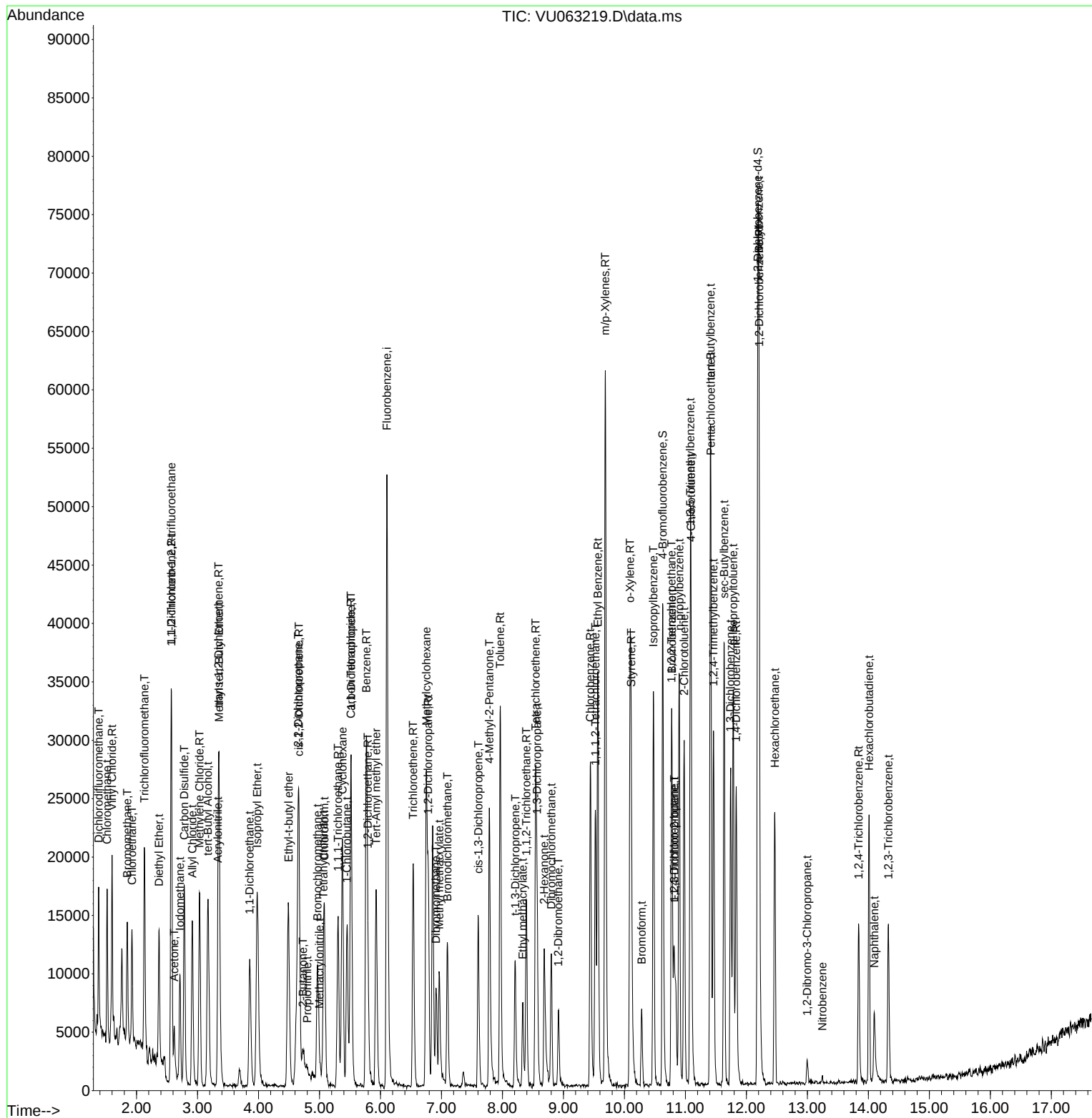
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) t-1,4-Dichloro-2-butene	10.817	75	7643	1.813	ug/l #	46
47) Methyl methacrylate	6.965	69	4999	0.730	ug/l #	88
48) Ethyl methacrylate	8.332	69	4839	0.377	ug/l	91
49) Toluene	7.962	92	15136	0.429	ug/l	97
50) t-1,3-Dichloropropene	8.209	75	7086	0.409	ug/l	99
51) cis-1,3-Dichloropropene	7.605	75	9424	0.441	ug/l	91
52) 1,1,2-Trichloroethane	8.393	97	5257	0.480	ug/l	94
53) 1,3-Dichloropropane	8.566	76	8834	0.454	ug/l	96
54) 2-Hexanone	8.685	43	10441	1.796	ug/l	88
55) Dibromochloromethane	8.801	129	5934	0.471	ug/l	97
56) 1,2-Dibromoethane	8.917	107	4834	0.470	ug/l	90
58) Tetrachloroethene	8.544	164	6044	0.503	ug/l	88
59) Chlorobenzene	9.441	112	16870	0.453	ug/l	96
60) 1,1,1,2-Tetrachloroethane	9.524	131	6349	0.475	ug/l	97
61) Pentachloroethane	11.418	117	5212	0.436	ug/l	98
62) Hexachloroethane	12.466	117	4467	0.423	ug/l	97
63) Ethyl Benzene	9.563	91	26810	0.418	ug/l	98
64) m/p-Xylenes	9.685	106	18658	0.778	ug/l	96
65) o-Xylene	10.094	106	9329	0.398	ug/l	99
66) Styrene	10.113	104	14012	0.375	ug/l	98
67) Bromoform	10.283	173	3160	0.442	ug/l	95
69) Isopropylbenzene	10.476	105	22191	0.402	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.772	83	6493	0.440	ug/l	97
71) 1,2,3-Trichloropropane	10.817	75	7643	0.683	ug/l #	74
72) Bromobenzene	10.778	156	6302	0.424	ug/l	92
73) n-propylbenzene	10.901	120	6029	0.382	ug/l	97
74) 2-Chlorotoluene	10.981	126	5699	0.392	ug/l	97
75) 1,3,5-Trimethylbenzene	11.081	105	18487	0.362	ug/l	98
76) 4-Chlorotoluene	11.093	126	5912	0.396	ug/l	88
77) tert-Butylbenzene	11.412	119	21304	0.412	ug/l	95
78) 1,2,4-Trimethylbenzene	11.460	105	17694	0.349	ug/l	95
79) sec-Butylbenzene	11.637	105	25352	0.385	ug/l	100
80) Nitrobenzene	13.248	77	495	4.884	ug/l #	53
81) p-Isopropyltoluene	11.785	119	18576	0.358	ug/l	98
82) 1,3-Dichlorobenzene	11.740	146	13255	0.460	ug/l	97
83) 1,4-Dichlorobenzene	11.833	146	12096	0.429	ug/l	99
84) n-Butylbenzene	12.206	91	17297	0.369	ug/l	95
85) 1,2-Dichlorobenzene	12.209	146	11996	0.433	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.997	75	779	0.376	ug/l	90
87) 1,2,4-Trichlorobenzene	13.839	180	5130	0.380	ug/l	94
88) Hexachlorobutadiene	14.013	225	4651	0.482	ug/l	96
89) Naphthalene	14.097	128	7859	0.899	ug/l #	93
90) 1,2,3-Trichlorobenzene	14.328	180	5453	0.412	ug/l	98

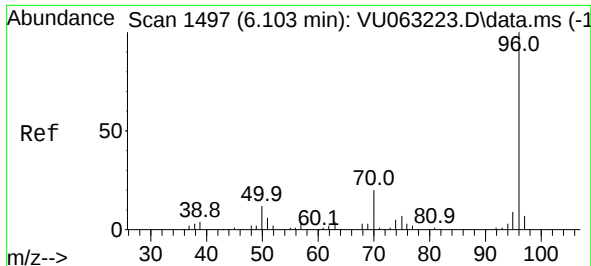
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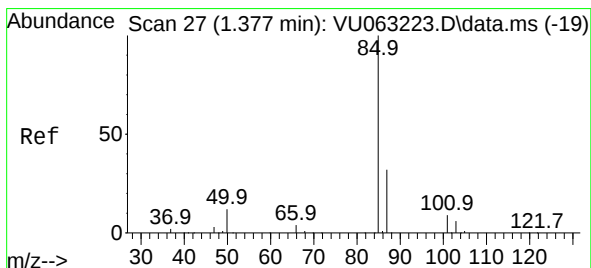
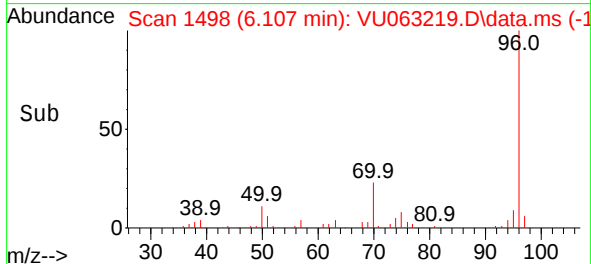
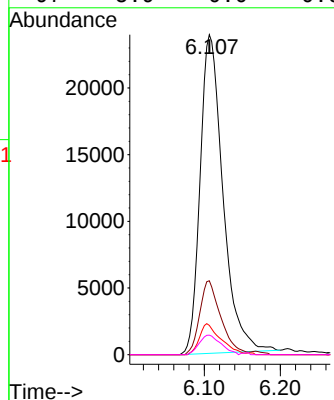
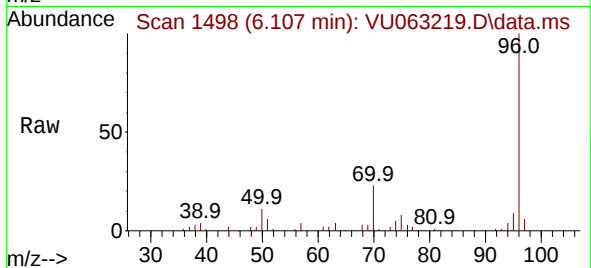




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.107 min Scan# 14
Delta R.T. 0.004 min
Lab File: VU063219.D
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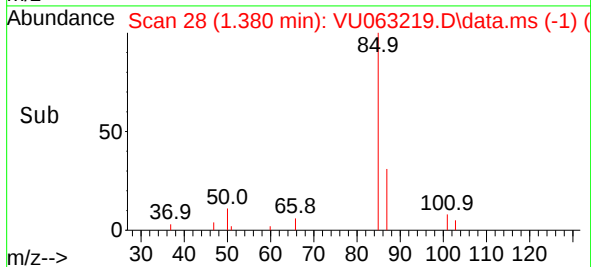
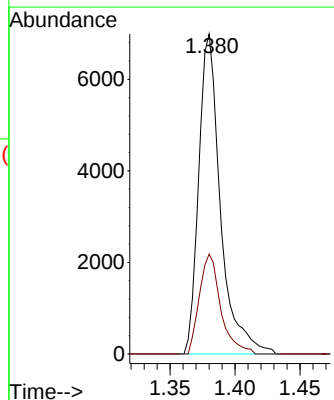
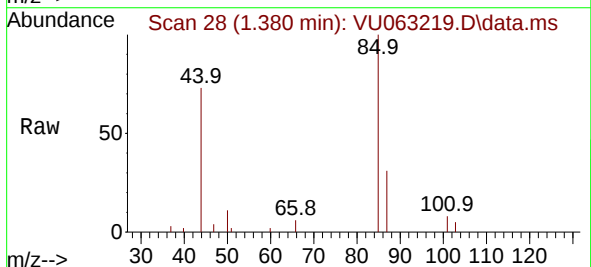
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MSVOA_U
ClientSampleId :

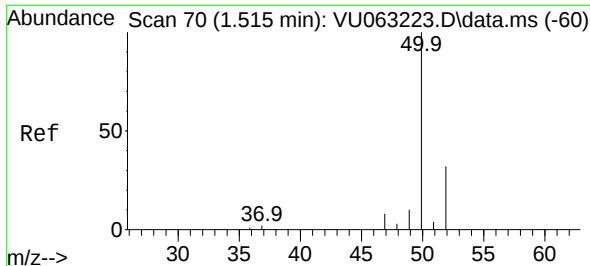
Tgt Ion: 96 Resp: 49900
Ion Ratio Lower Upper
96 100
70 20.5 15.6 23.4
95 8.6 7.3 10.9
97 5.9 0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 0.501 ug/l
RT: 1.380 min Scan# 28
Delta R.T. 0.003 min
Lab File: VU063219.D
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Tgt Ion: 85 Resp: 8130
Ion Ratio Lower Upper
85 100
87 31.2 16.0 48.0

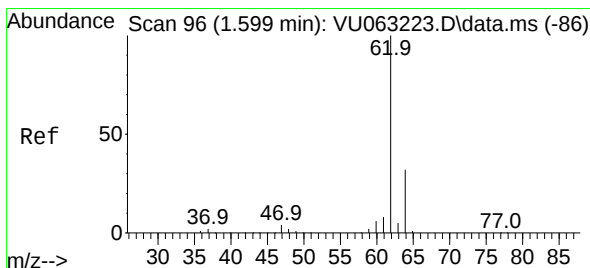
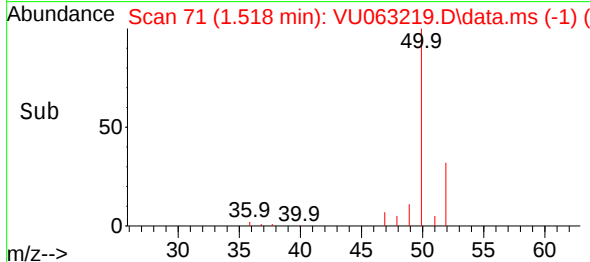
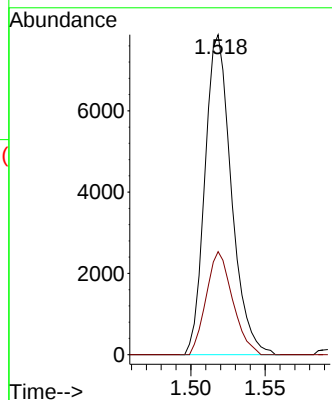
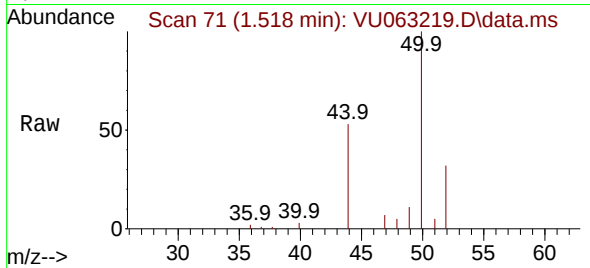




#3
Chloromethane
Concen: 0.522 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59

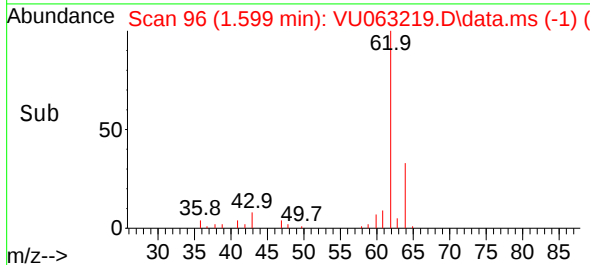
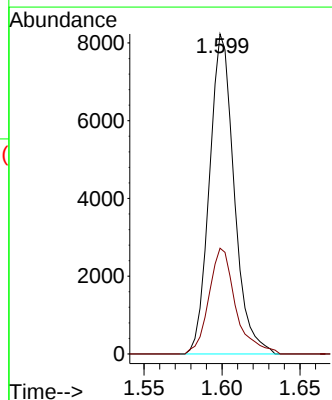
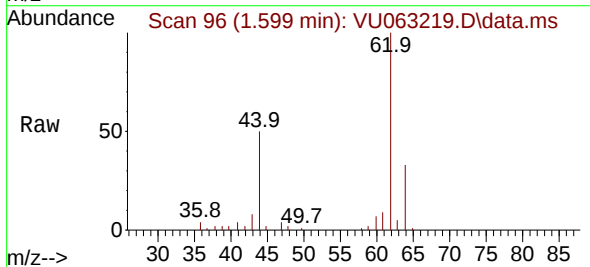
Instrument :
MSVOA_U
ClientSampleId :

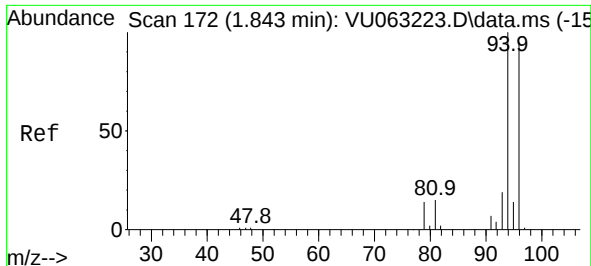
Tgt Ion: 50 Resp: 9740
Ion Ratio Lower Upper
50 100
52 32.2 25.8 38.8



#4
Vinyl Chloride
Concen: 0.492 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59

Tgt Ion: 62 Resp: 9090
Ion Ratio Lower Upper
62 100
64 33.0 25.4 38.0





#5

Bromomethane

Concen: 0.578 ug/l

RT: 1.849 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU063219.D

Acq: 10 Feb 2025 12:59

Instrument :

MSVOA_U

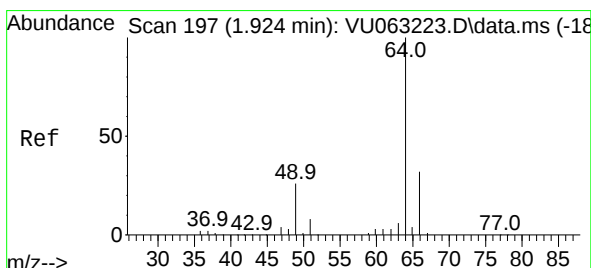
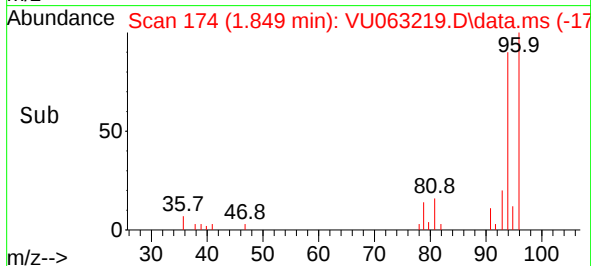
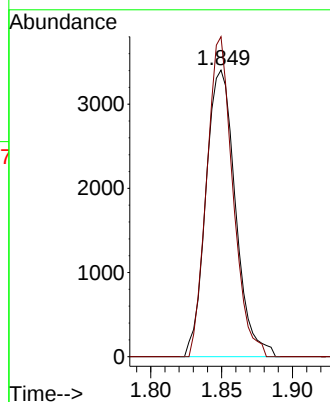
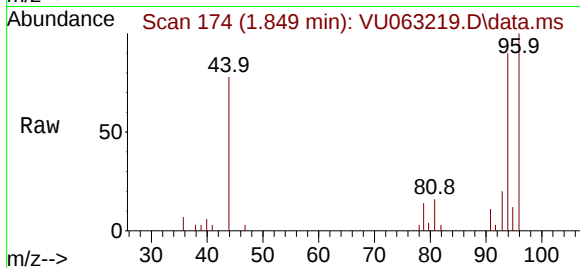
ClientSampleId :

Tgt Ion: 94 Resp: 4941

Ion Ratio Lower Upper

94 100

96 111.7 75.7 113.5



#6

Chloroethane

Concen: 0.526 ug/l

RT: 1.927 min Scan# 198

Delta R.T. 0.003 min

Lab File: VU063219.D

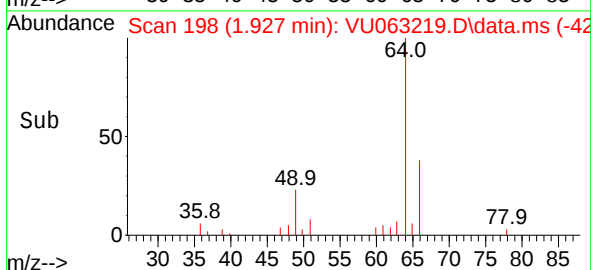
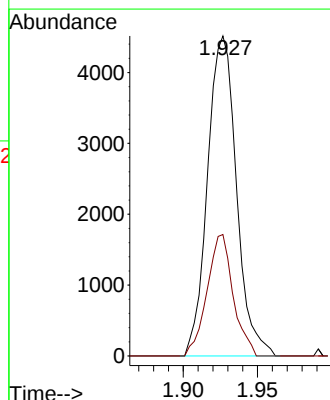
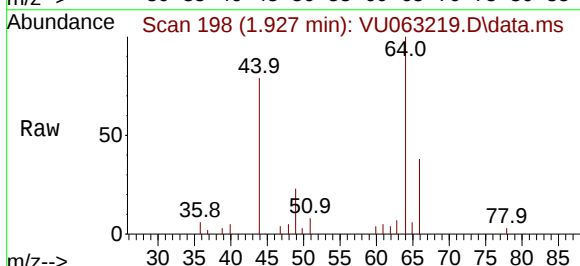
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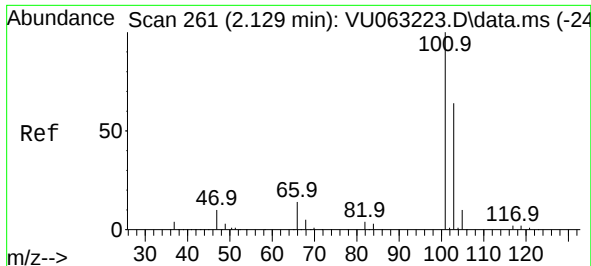
Tgt Ion: 64 Resp: 6121

Ion Ratio Lower Upper

64 100

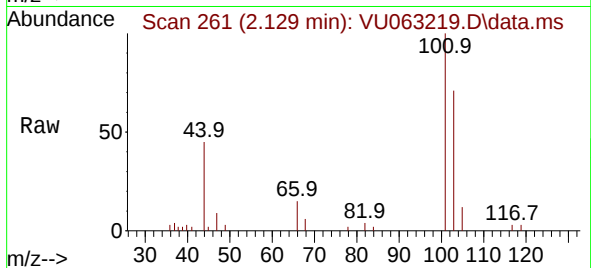
66 38.0 25.8 38.8



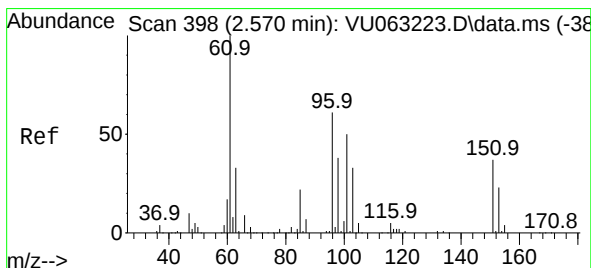
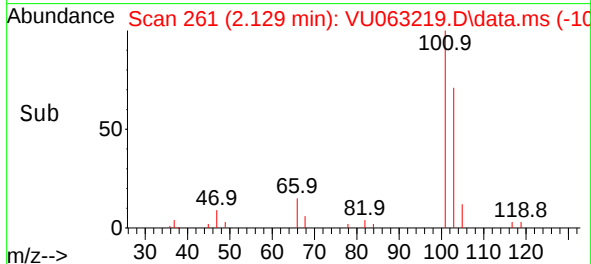
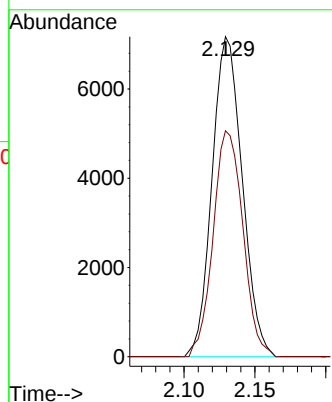


#7
 Trichlorofluoromethane
 Concen: 0.485 ug/l
 RT: 2.129 min Scan# 210
 Delta R.T. -0.000 min
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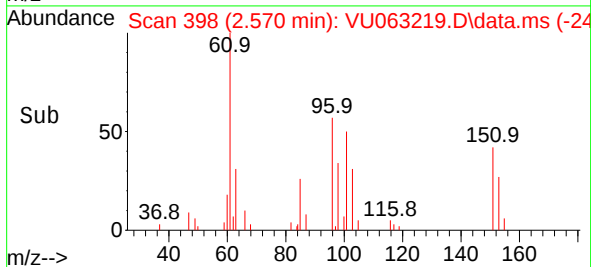
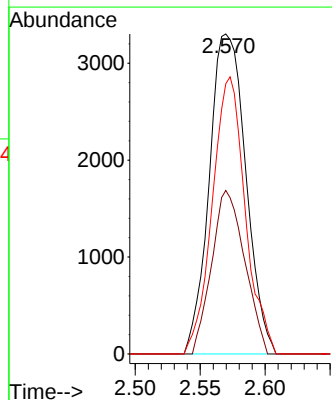
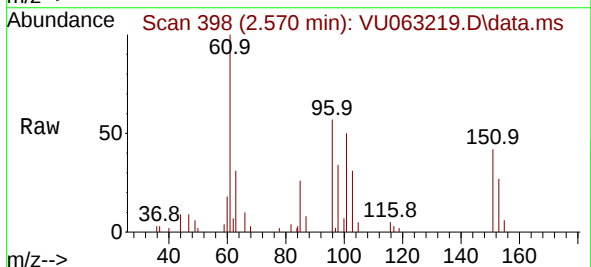


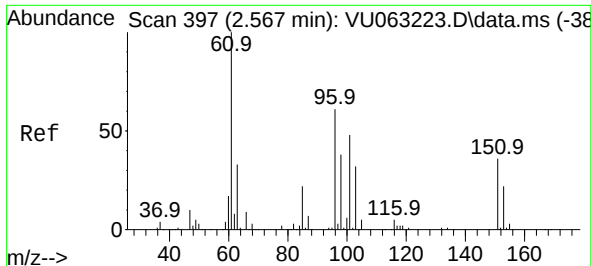
Tgt Ion:101 Resp: 10617
 Ion Ratio Lower Upper
 101 100
 103 70.6 51.4 77.2



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.520 ug/l
 RT: 2.570 min Scan# 398
 Delta R.T. -0.000 min
 Lab File: VU063219.D
 Acq: 10 Feb 2025 12:59

Tgt Ion:101 Resp: 6464
 Ion Ratio Lower Upper
 101 100
 85 46.2 35.4 53.0
 151 77.9 58.5 87.7

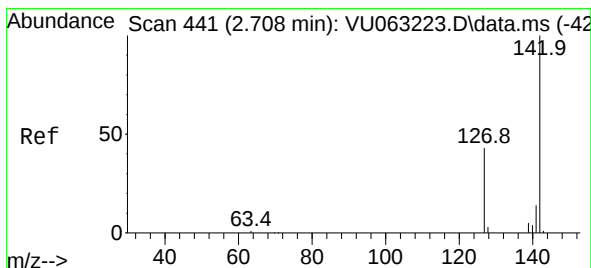
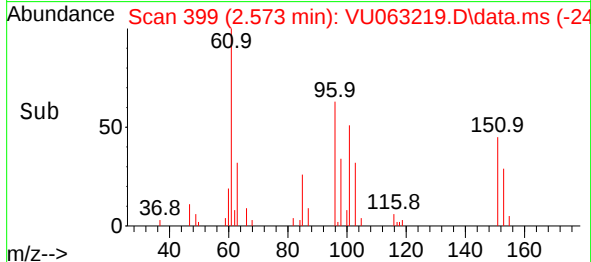
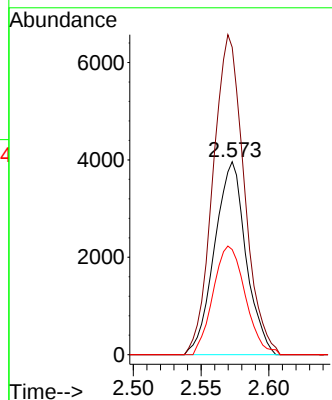
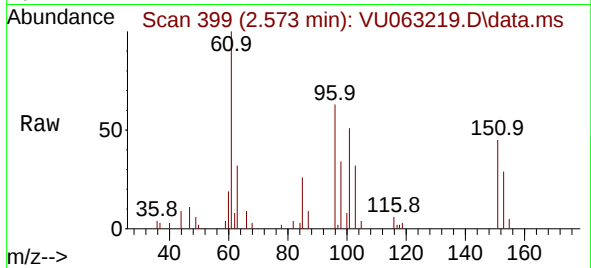




#9
1,1-Dichloroethene
Concen: 0.504 ug/l
RT: 2.573 min Scan# 397
Delta R.T. 0.006 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59

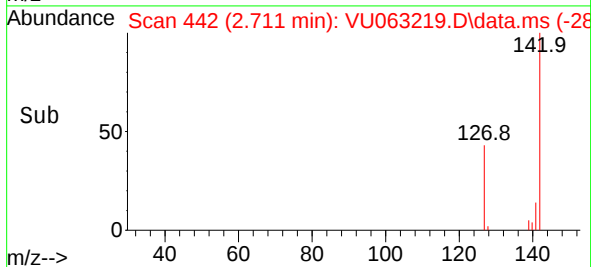
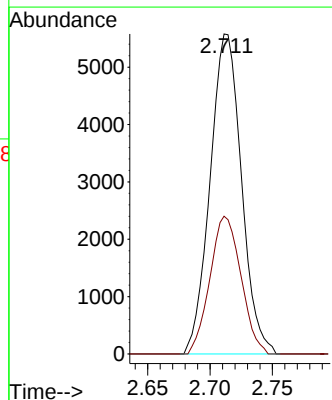
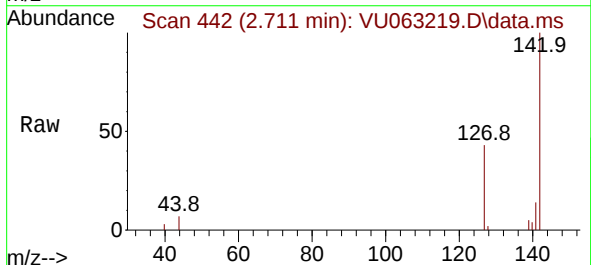
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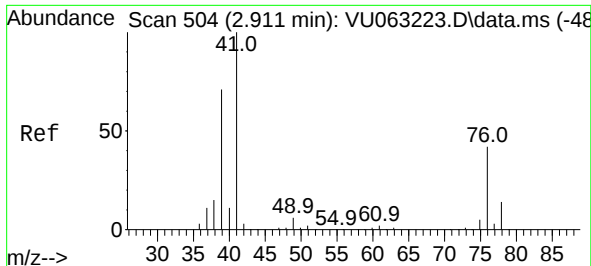
Tgt Ion: 96 Resp: 6378
Ion Ratio Lower Upper
96 100
61 159.4 0.0 492.9
98 54.5 0.0 124.0



#10
Iodomethane
Concen: 0.491 ug/l
RT: 2.711 min Scan# 442
Delta R.T. 0.003 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59

Tgt Ion: 142 Resp: 9771
Ion Ratio Lower Upper
142 100
127 42.6 34.5 51.7

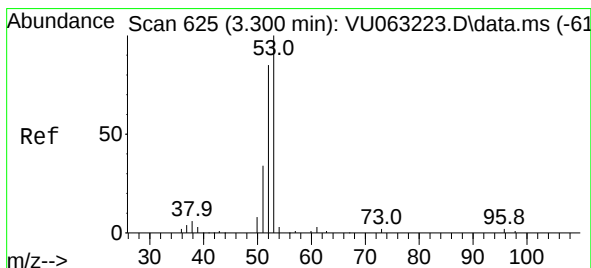
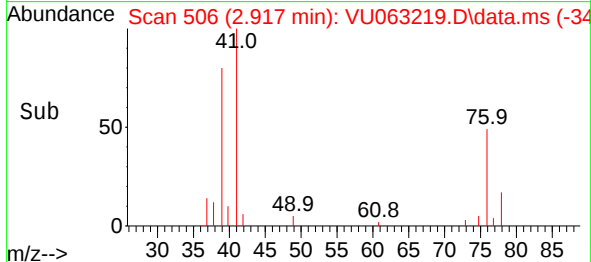
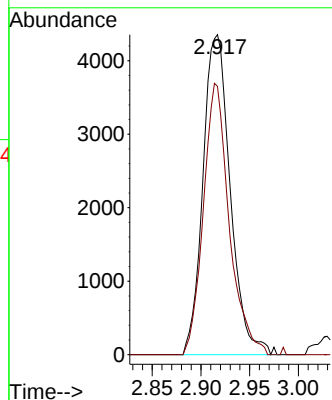
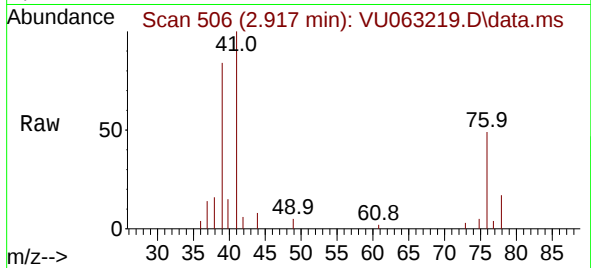




#11
 Allyl Chloride
 Concen: 0.467 ug/l
 RT: 2.917 min Scan# 504
 Delta R.T. 0.006 min
 Lab File: VU063219.D
 Acq: 10 Feb 2025 12:59

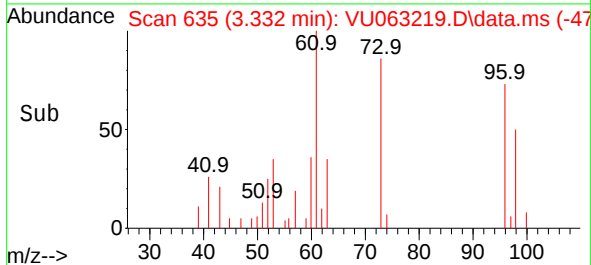
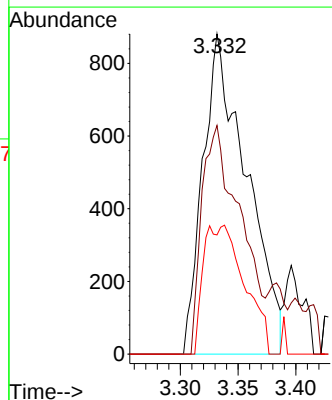
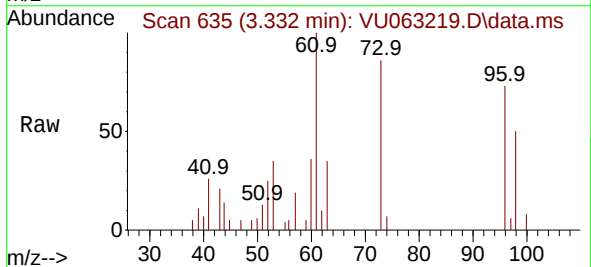
Instrument :
 MSVOA_U
 ClientSampleId :

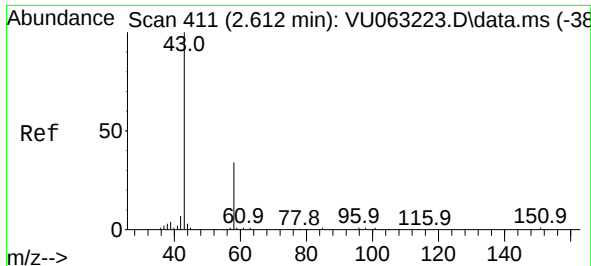
Tgt Ion: 41 Resp: 8493
 Ion Ratio Lower Upper
 41 100
 39 80.2 57.9 86.9



#12
 Acrylonitrile
 Concen: 0.804 ug/l
 RT: 3.332 min Scan# 635
 Delta R.T. 0.032 min
 Lab File: VU063219.D
 Acq: 10 Feb 2025 12:59

Tgt Ion: 53 Resp: 2314
 Ion Ratio Lower Upper
 53 100
 52 64.1 64.2 96.2#
 51 14.0 30.8 46.2#





#13

Acetone

Concen: 2.760 ug/l

RT: 2.618 min Scan# 411

Delta R.T. 0.006 min

Lab File: VU063219.D

Acq: 10 Feb 2025 12:59

Instrument :

MSVOA_U

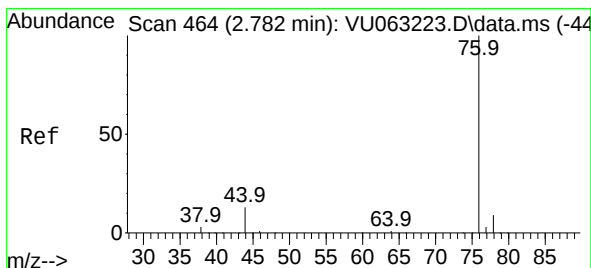
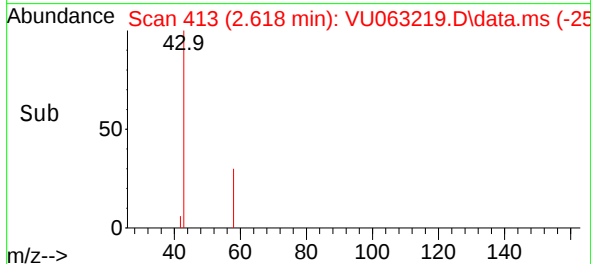
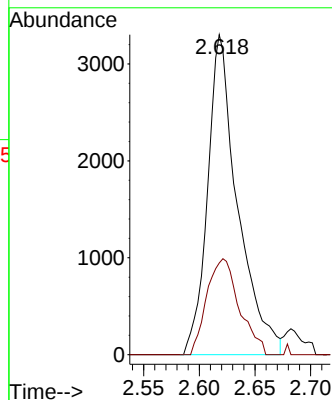
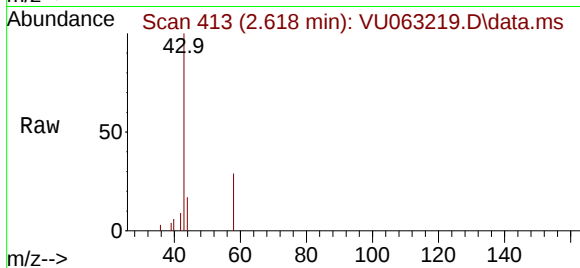
ClientSampleId :

Tgt Ion: 43 Resp: 6197

Ion Ratio Lower Upper

43 100

58 28.6 27.4 41.0



#14

Carbon Disulfide

Concen: 0.532 ug/l

RT: 2.782 min Scan# 464

Delta R.T. -0.000 min

Lab File: VU063219.D

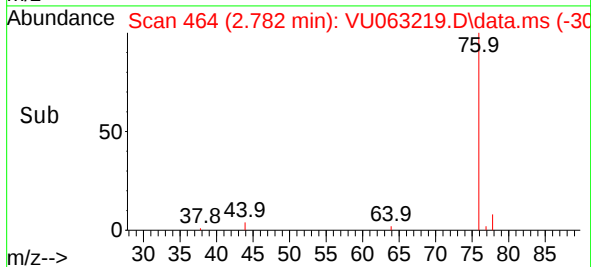
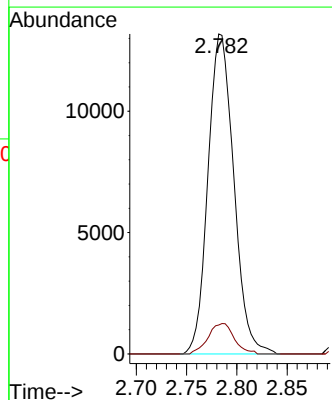
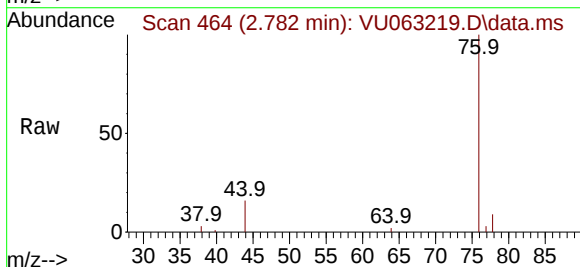
Acq: 10 Feb 2025 12:59

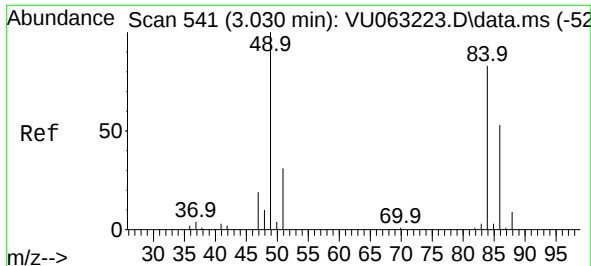
Tgt Ion: 76 Resp: 23559

Ion Ratio Lower Upper

76 100

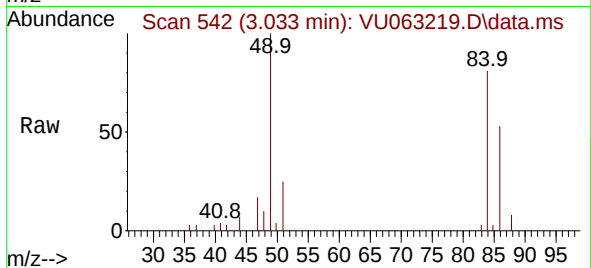
78 9.1 7.2 10.8



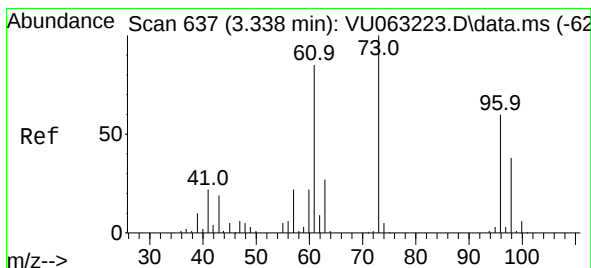
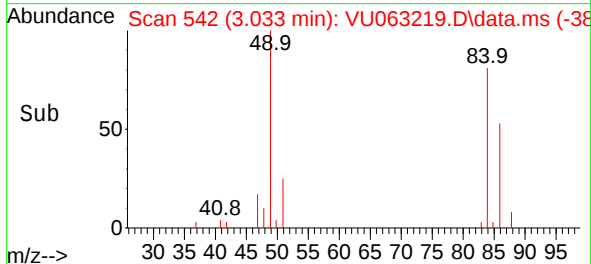
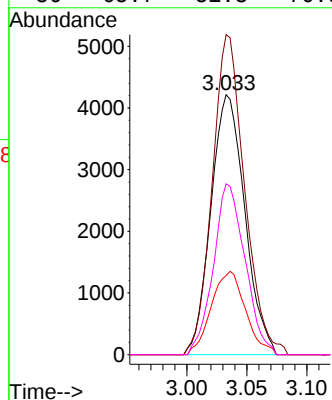


#15
Methylene Chloride
Concen: 0.530 ug/l
RT: 3.033 min Scan# 541
Delta R.T. 0.003 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59

Instrument :
MSVOA_U
ClientSampleId :

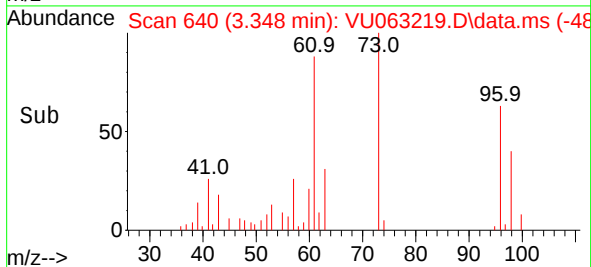
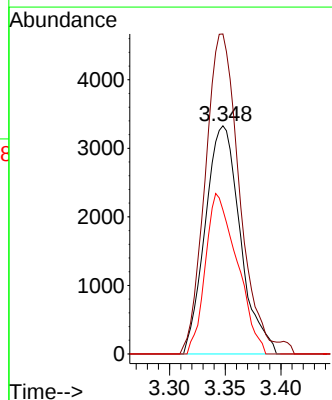
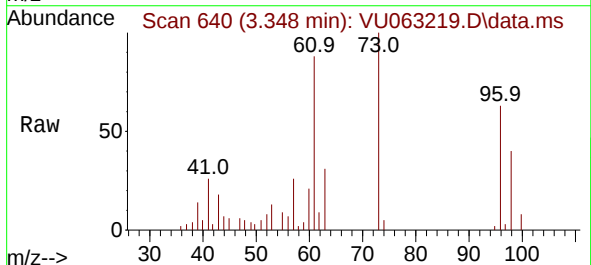


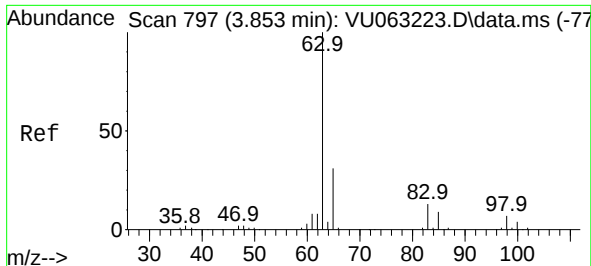
Tgt Ion: 84 Resp: 8284
Ion Ratio Lower Upper
84 100
49 123.1 96.4 144.6
51 30.5 0.0 74.8
86 65.7 51.3 76.9



#16
trans-1,2-Dichloroethene
Concen: 0.504 ug/l
RT: 3.348 min Scan# 640
Delta R.T. 0.010 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59

Tgt Ion: 96 Resp: 7275
Ion Ratio Lower Upper
96 100
61 140.2 113.4 170.2
98 63.1 51.2 76.8





#17

1,1-Dichloroethane

Concen: 0.479 ug/l

RT: 3.856 min Scan# 71

Delta R.T. 0.003 min

Lab File: VU063219.D

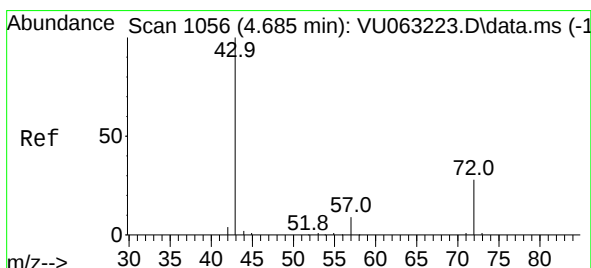
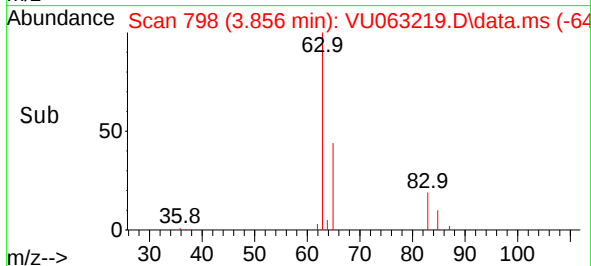
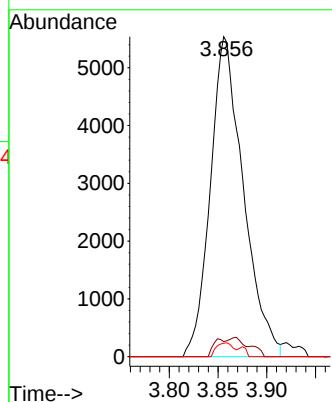
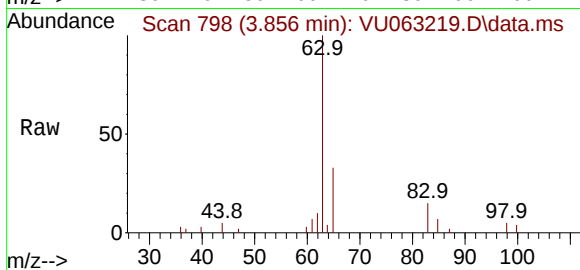
Acq: 10 Feb 2025 12:59

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	13044
Ion Ratio	Lower	Upper	
63	100		
98	4.7	3.3	9.9
100	4.2	2.1	6.2



#18

2-Butanone

Concen: 1.537 ug/l

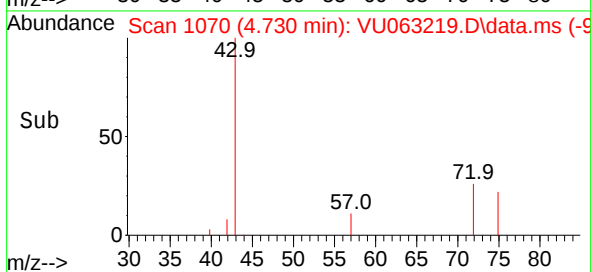
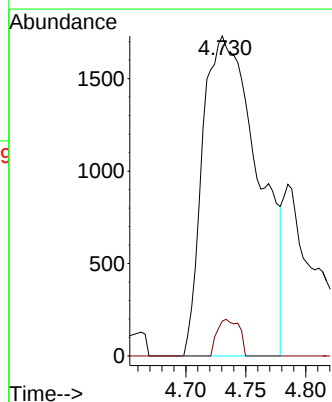
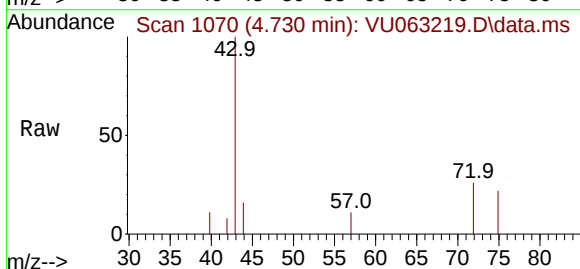
RT: 4.730 min Scan# 1070

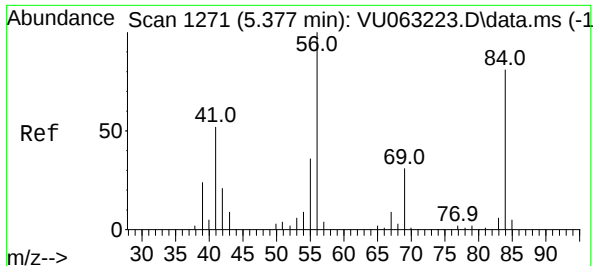
Delta R.T. 0.045 min

Lab File: VU063219.D

Acq: 10 Feb 2025 12:59

Tgt Ion:	43	Resp:	5575
Ion Ratio	Lower	Upper	
43	100		
57	10.9	0.0	17.0





#19

Cyclohexane

Concen: 0.435 ug/l

RT: 5.377 min Scan# 1271

Delta R.T. -0.000 min

Lab File: VU063219.D

Acq: 10 Feb 2025 12:59

Instrument :

MSVOA_U

ClientSampleId :

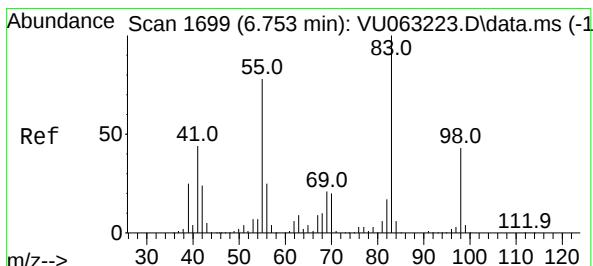
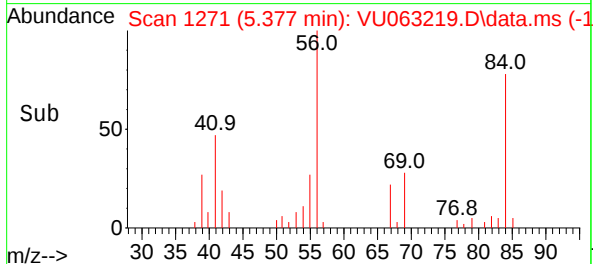
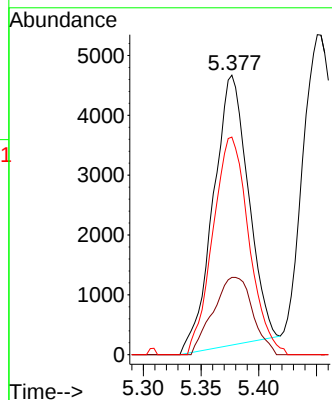
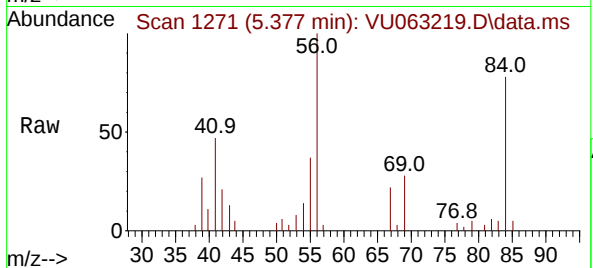
Tgt Ion: 56 Resp: 9530

Ion Ratio Lower Upper

56 100

69 32.2 24.5 36.7

84 83.1 65.2 97.8



#20

Methylcyclohexane

Concen: 0.433 ug/l

RT: 6.753 min Scan# 1699

Delta R.T. -0.000 min

Lab File: VU063219.D

Acq: 10 Feb 2025 12:59

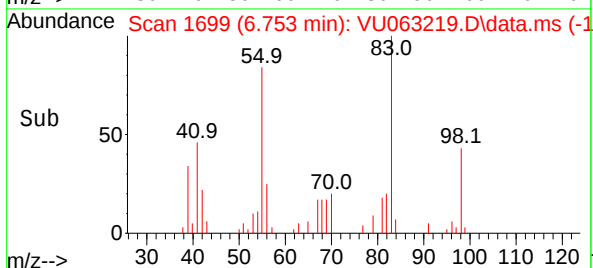
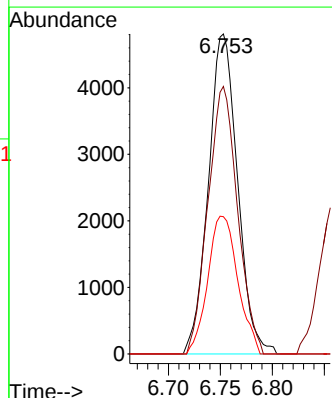
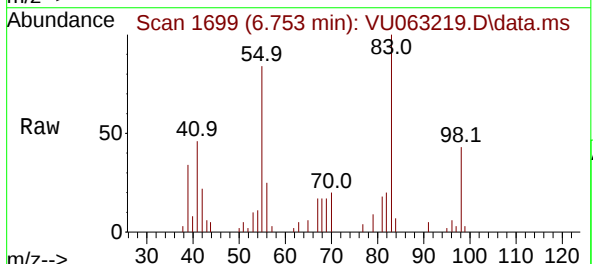
Tgt Ion: 83 Resp: 9399

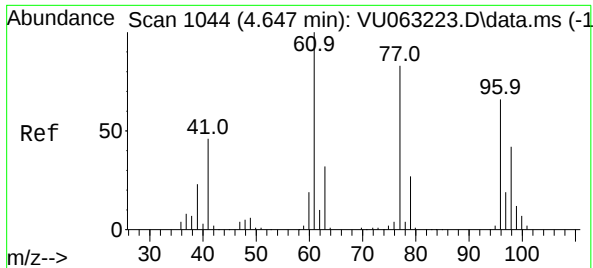
Ion Ratio Lower Upper

83 100

55 84.6 63.1 94.7

98 44.2 35.2 52.8

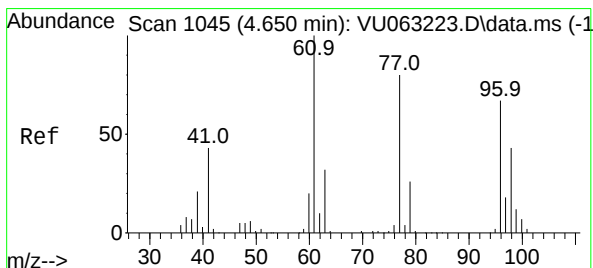
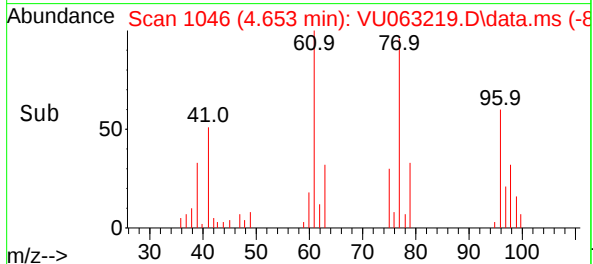
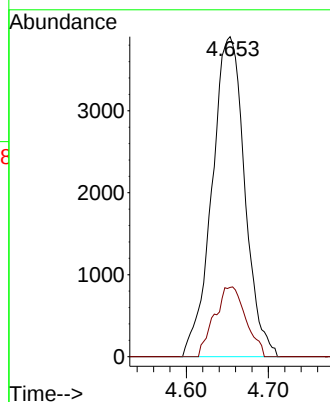
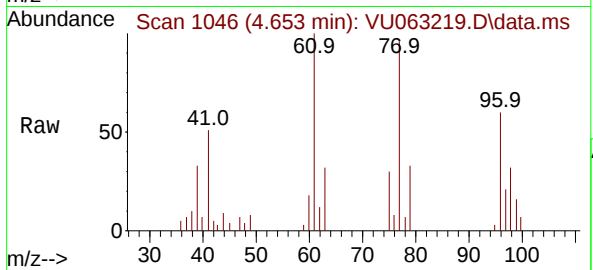




#21
2,2-Dichloropropane
Concen: 0.509 ug/l
RT: 4.653 min Scan# 1046
Delta R.T. 0.006 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59

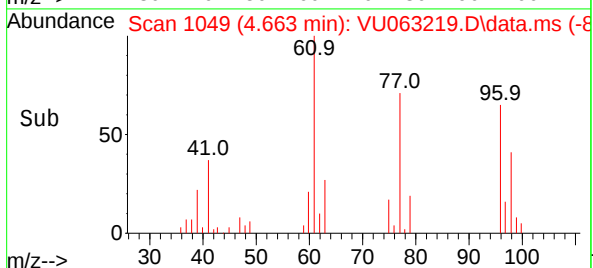
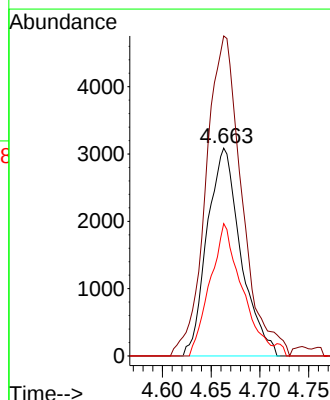
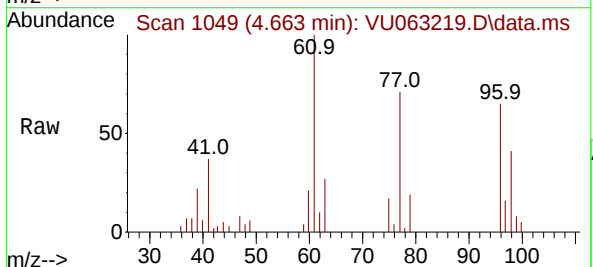
Instrument :
MSVOA_U
ClientSampleId :

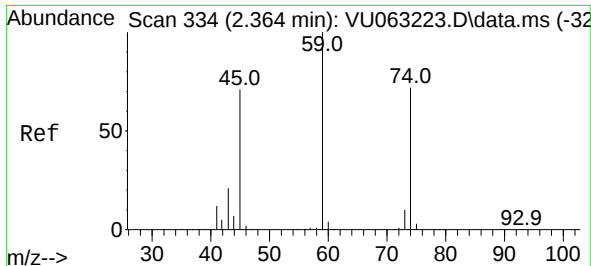
Tgt Ion: 77 Resp: 10817
Ion Ratio Lower Upper
77 100
97 20.9 18.5 27.7



#22
cis-1,2-Dichloroethene
Concen: 0.475 ug/l
RT: 4.663 min Scan# 1049
Delta R.T. 0.013 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59

Tgt Ion: 96 Resp: 7417
Ion Ratio Lower Upper
96 100
61 163.8 0.0 373.3
98 60.6 31.9 95.9





#23

Diethyl Ether

Concen: 0.511 ug/l

RT: 2.367 min Scan# 341

Delta R.T. 0.003 min

Lab File: VU063219.D

Acq: 10 Feb 2025 12:59

Instrument :

MSVOA_U

ClientSampleId :

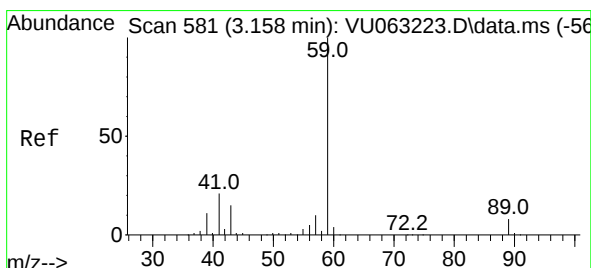
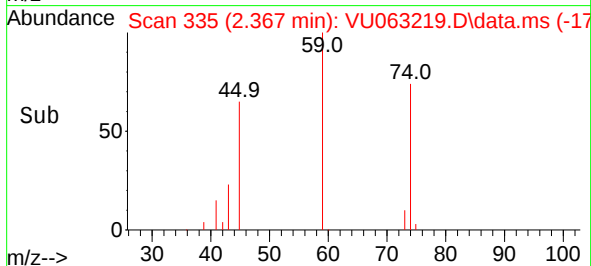
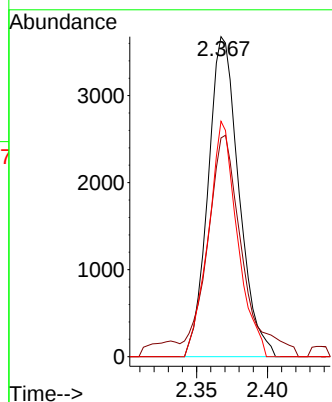
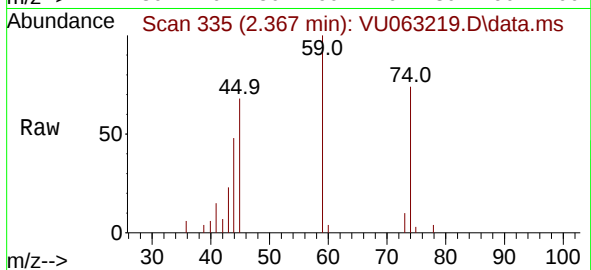
Tgt Ion: 59 Resp: 5553

Ion Ratio Lower Upper

59 100

45 77.3 57.8 86.6

74 69.4 57.7 86.5



#24

tert-Butyl Alcohol

Concen: 5.571 ug/l

RT: 3.171 min Scan# 585

Delta R.T. 0.013 min

Lab File: VU063219.D

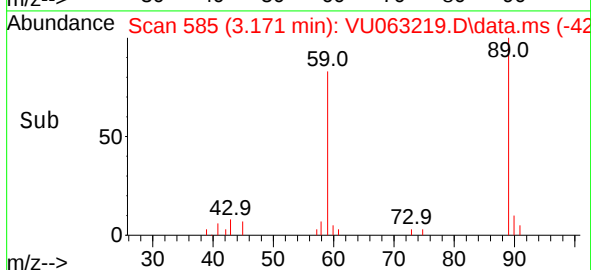
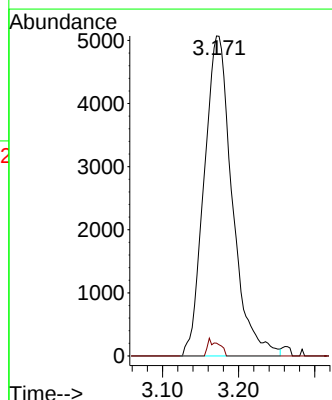
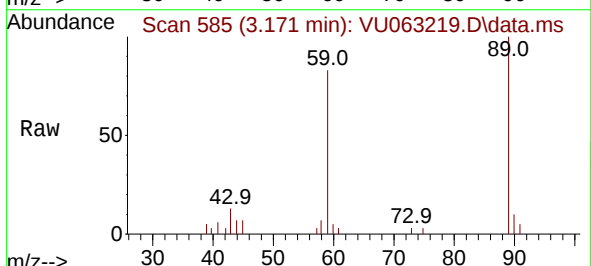
Acq: 10 Feb 2025 12:59

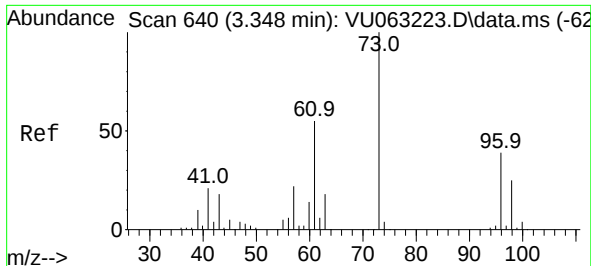
Tgt Ion: 59 Resp: 13008

Ion Ratio Lower Upper

59 100

57 2.1 7.5 11.3#





#25

Methyl tert-Butyl Ether

Concen: 0.460 ug/l

RT: 3.354 min Scan# 640

Delta R.T. 0.006 min

Lab File: VU063219.D

Acq: 10 Feb 2025 12:59

Instrument :

MSVOA_U

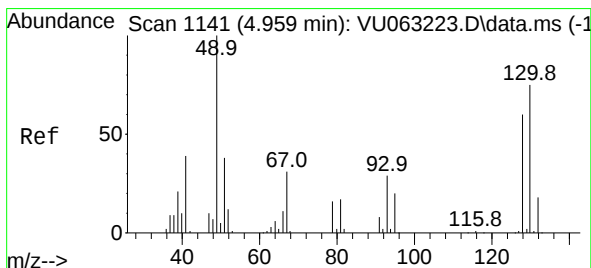
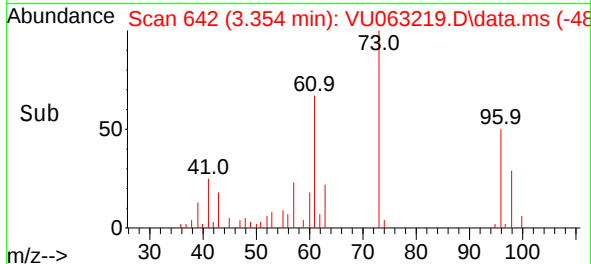
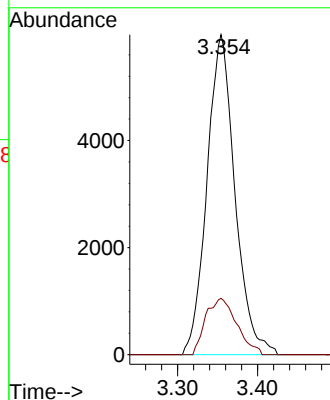
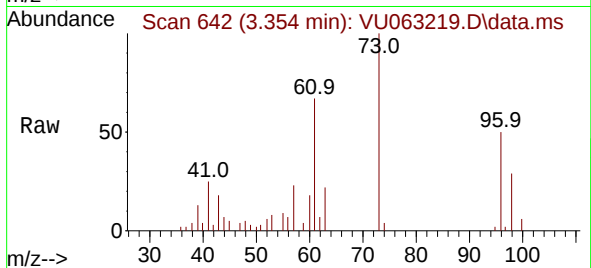
ClientSampleId :

Tgt Ion: 73 Resp: 14531

Ion Ratio Lower Upper

73 100

43 19.6 14.9 22.3



#26

Bromochloromethane

Concen: 0.487 ug/l

RT: 4.968 min Scan# 1144

Delta R.T. 0.010 min

Lab File: VU063219.D

Acq: 10 Feb 2025 12:59

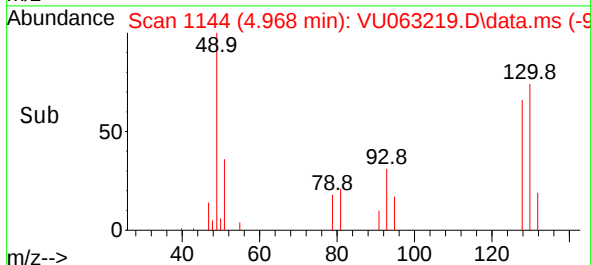
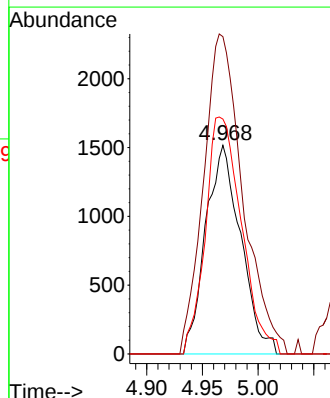
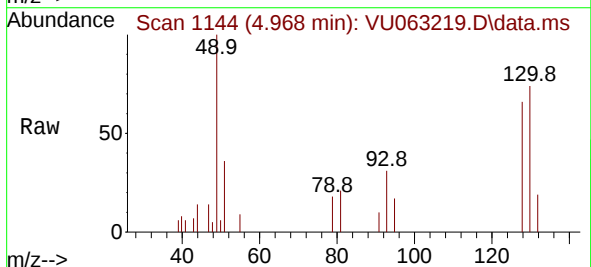
Tgt Ion: 128 Resp: 3323

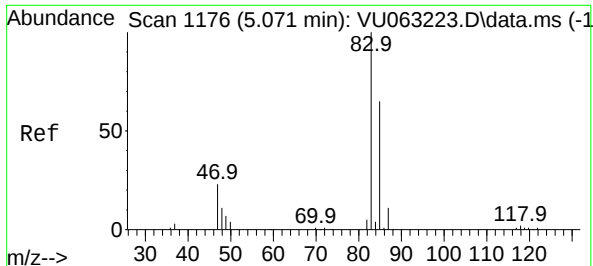
Ion Ratio Lower Upper

128 100

49 171.5 0.0 343.4

130 116.6 102.9 154.3

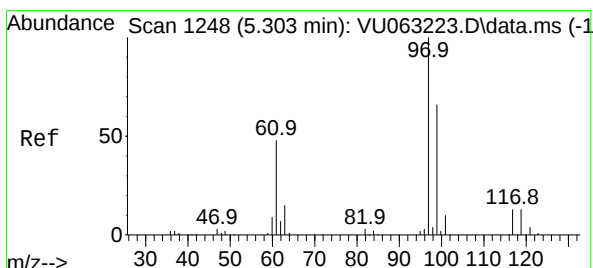
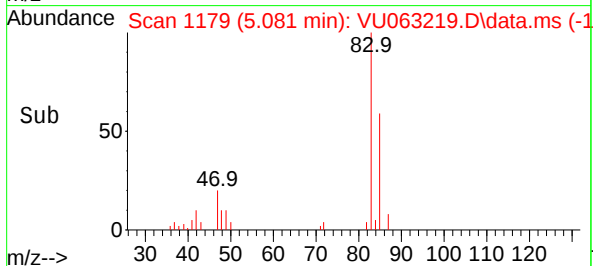
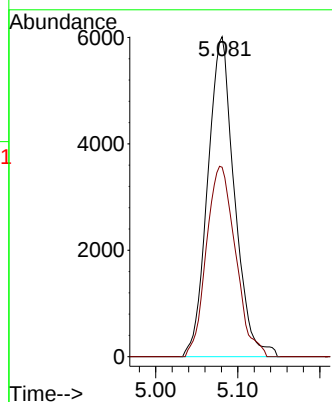
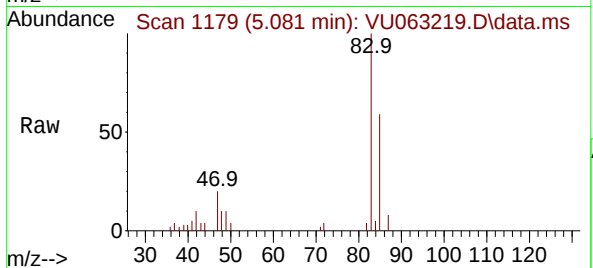




#27
Chloroform
Concen: 0.496 ug/l
RT: 5.081 min Scan# 1176
Delta R.T. 0.010 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59

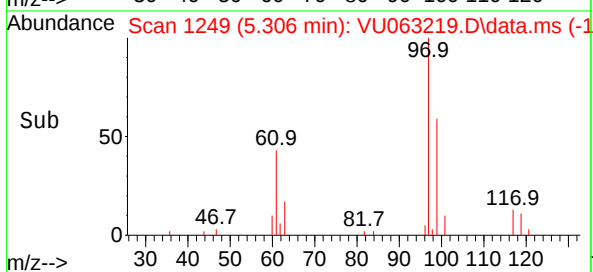
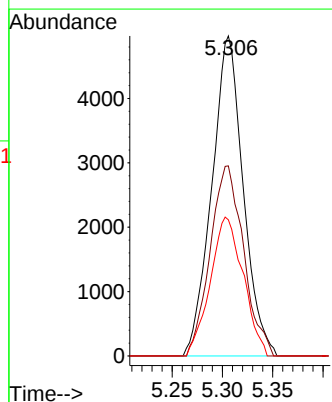
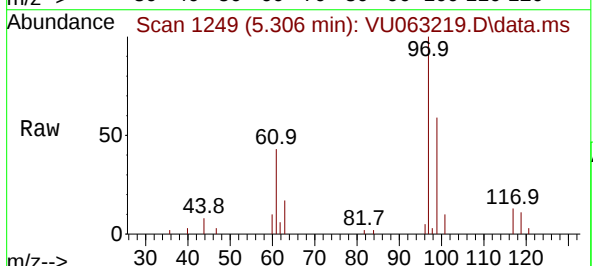
Instrument :
MSVOA_U
ClientSampleId :

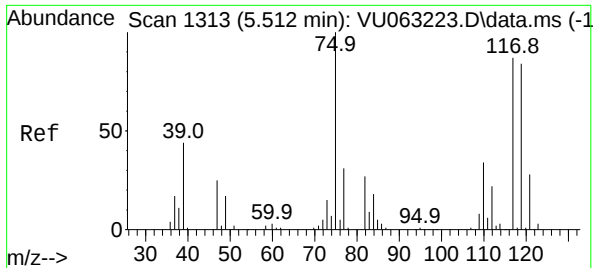
Tgt Ion: 83 Resp: 13627
Ion Ratio Lower Upper
83 100
85 59.2 0.0 129.8



#28
1,1,1-Trichloroethane
Concen: 0.485 ug/l
RT: 5.306 min Scan# 1249
Delta R.T. 0.003 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59

Tgt Ion: 97 Resp: 10801
Ion Ratio Lower Upper
97 100
99 63.2 32.4 97.0
61 45.5 23.8 71.2

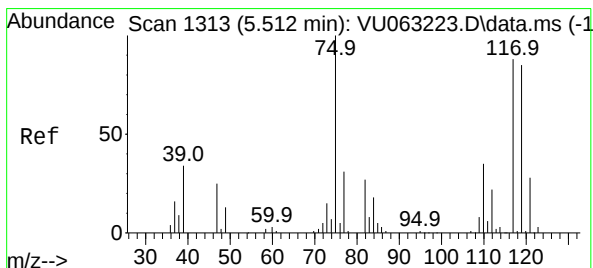
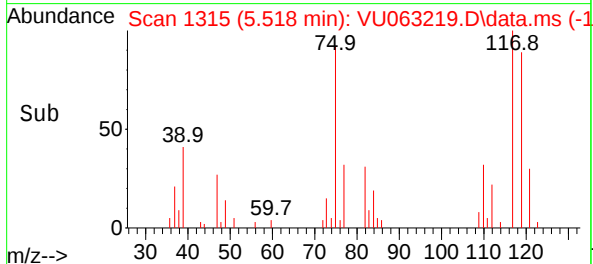
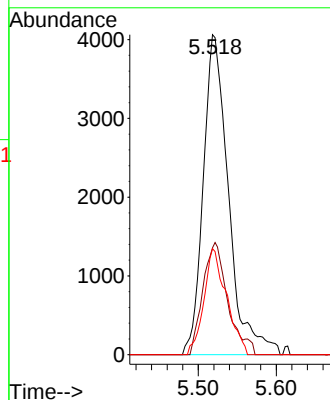
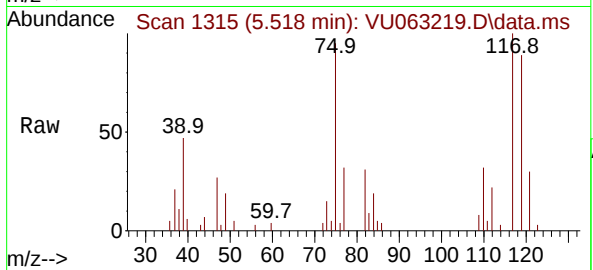




#29
1,1-Dichloropropene
Concen: 0.460 ug/l
RT: 5.518 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59

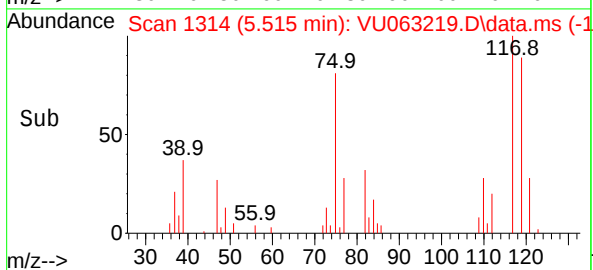
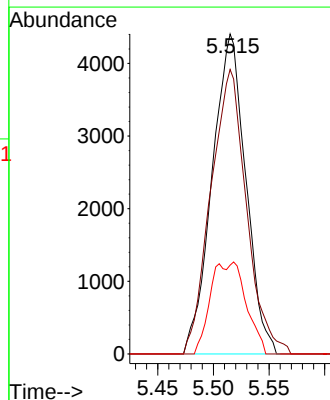
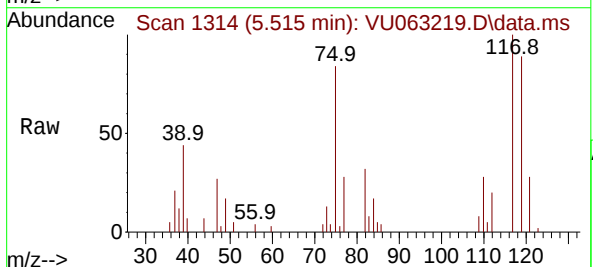
Instrument :
MSVOA_U
ClientSampleId :

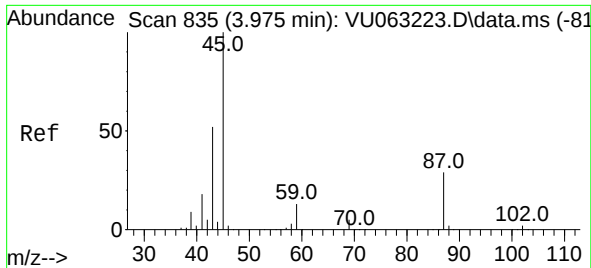
Tgt Ion: 75 Resp: 9175
Ion Ratio Lower Upper
75 100
110 34.4 17.2 51.5
77 29.6 24.6 37.0



#30
Carbon Tetrachloride
Concen: 0.485 ug/l
RT: 5.515 min Scan# 1314
Delta R.T. 0.003 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59

Tgt Ion: 117 Resp: 9251
Ion Ratio Lower Upper
117 100
119 88.9 76.7 115.1
121 27.7 25.5 38.3

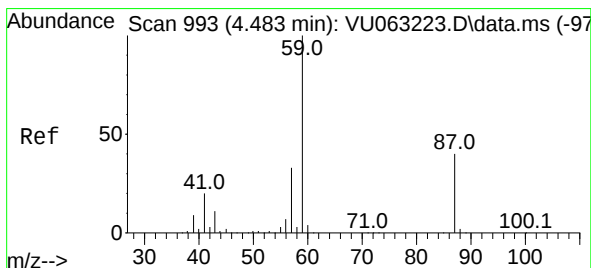
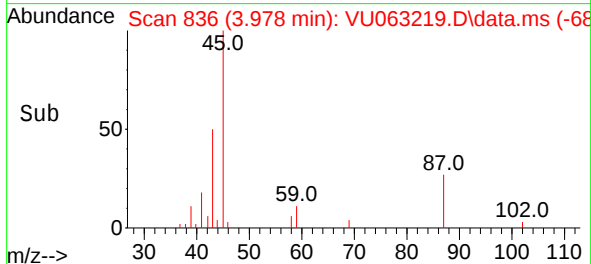
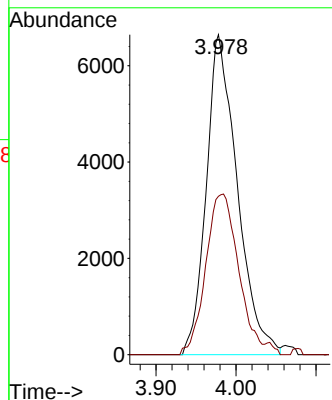
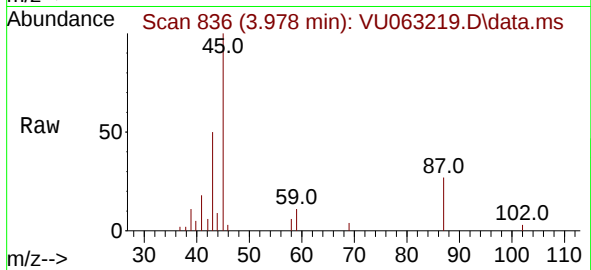




#31
Isopropyl Ether
Concen: 0.461 ug/l
RT: 3.978 min Scan# 835
Delta R.T. 0.003 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59

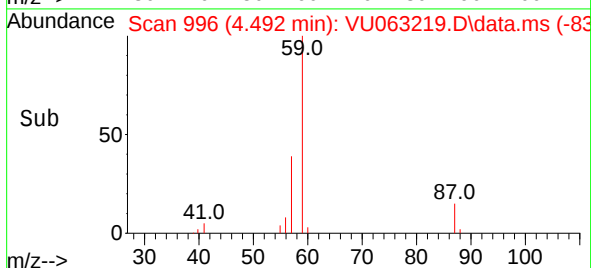
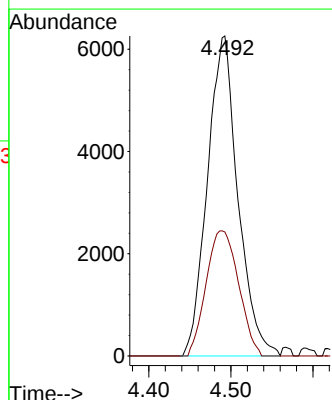
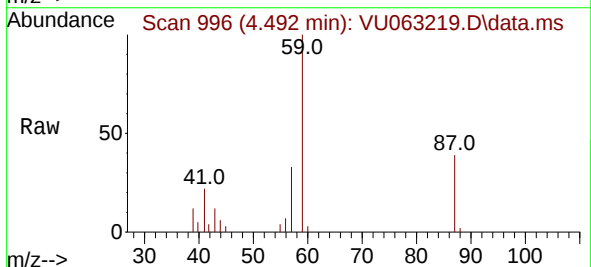
Instrument :
MSVOA_U
ClientSampleId :

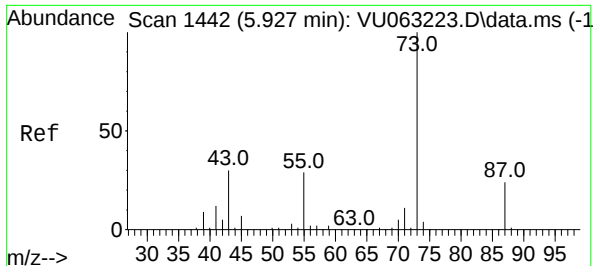
Tgt Ion: 45 Resp: 17908
Ion Ratio Lower Upper
45 100
43 53.0 25.7 77.1



#32
Ethyl-t-butyl ether
Concen: 0.458 ug/l
RT: 4.492 min Scan# 996
Delta R.T. 0.010 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59

Tgt Ion: 59 Resp: 16177
Ion Ratio Lower Upper
59 100
87 41.6 32.6 49.0





#33

Tert-Amyl methyl ether

Concen: 0.436 ug/l

RT: 5.930 min Scan# 1442

Delta R.T. 0.003 min

Lab File: VU063219.D

Acq: 10 Feb 2025 12:59

Instrument :

MSVOA_U

ClientSampleId :

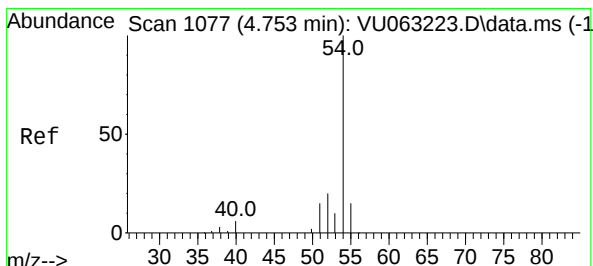
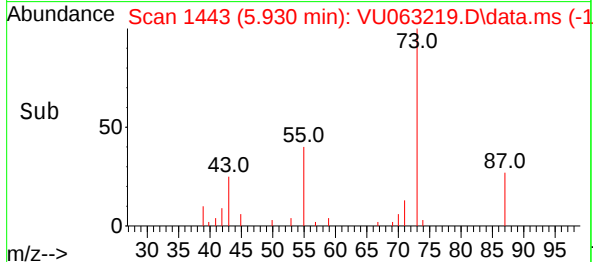
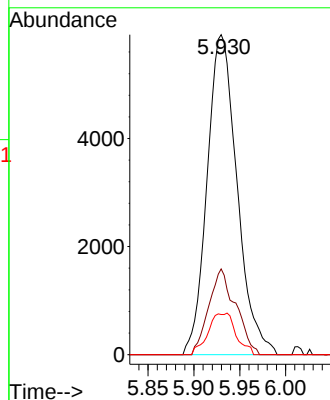
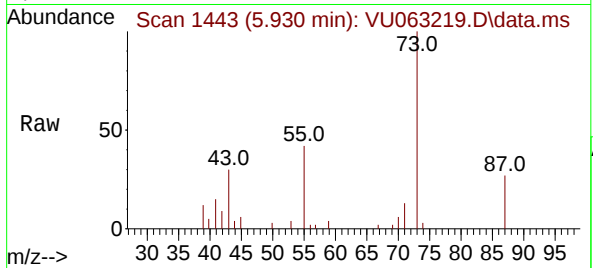
Tgt Ion: 73 Resp: 13471

Ion Ratio Lower Upper

73 100

87 24.1 18.9 28.3

71 12.0 9.0 13.4



#34

Propionitrile

Concen: 1.035 ug/l

RT: 4.801 min Scan# 1092

Delta R.T. 0.048 min

Lab File: VU063219.D

Acq: 10 Feb 2025 12:59

Tgt Ion: 54 Resp: 1164

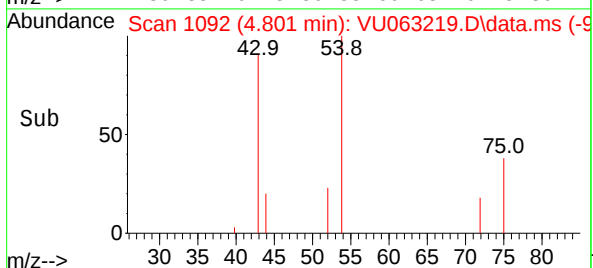
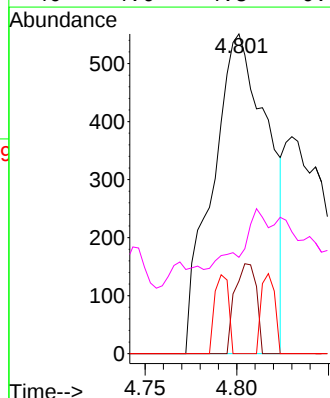
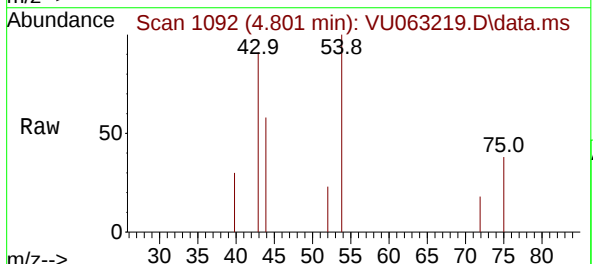
Ion Ratio Lower Upper

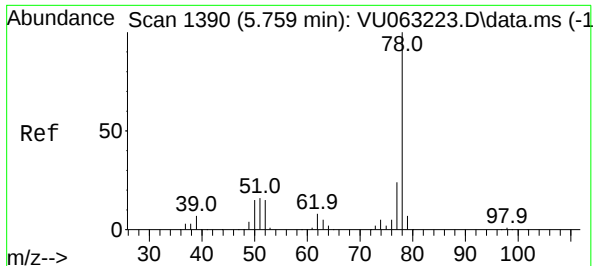
54 100

52 10.8 16.3 24.5#

55 6.1 11.8 17.6#

40 4.6 4.3 6.5





#35

Benzene

Concen: 0.473 ug/l

RT: 5.769 min Scan# 1400

Delta R.T. 0.010 min

Lab File: VU063219.D

Acq: 10 Feb 2025 12:59

Instrument :

MSVOA_U

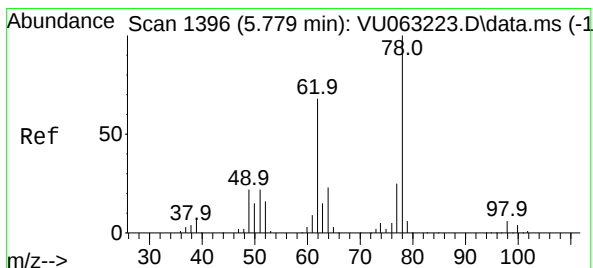
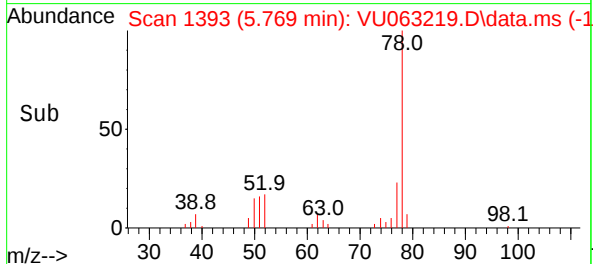
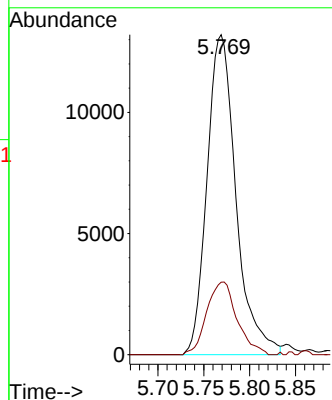
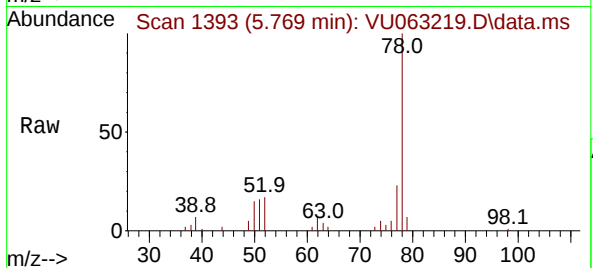
ClientSampleId :

Tgt Ion: 78 Resp: 29011

Ion Ratio Lower Upper

78 100

77 22.6 19.0 28.4



#36

1,2-Dichloroethane

Concen: 0.494 ug/l

RT: 5.791 min Scan# 1400

Delta R.T. 0.013 min

Lab File: VU063219.D

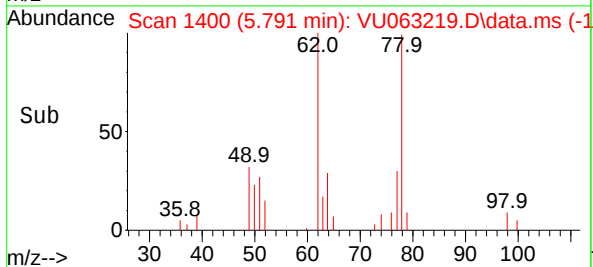
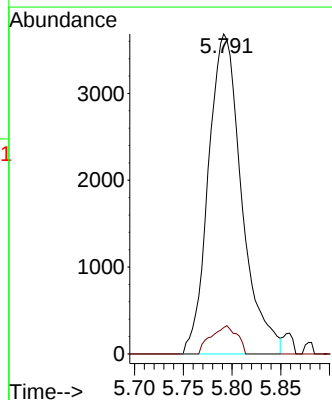
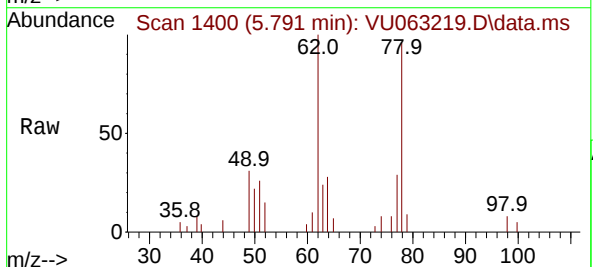
Acq: 10 Feb 2025 12:59

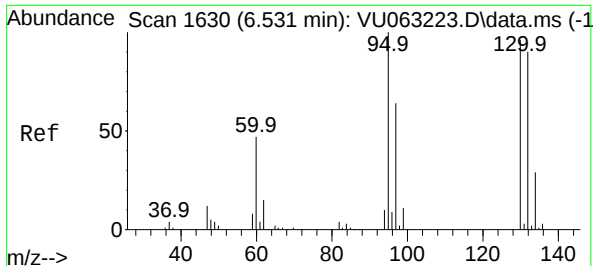
Tgt Ion: 62 Resp: 8750

Ion Ratio Lower Upper

62 100

98 6.9 6.9 10.3#

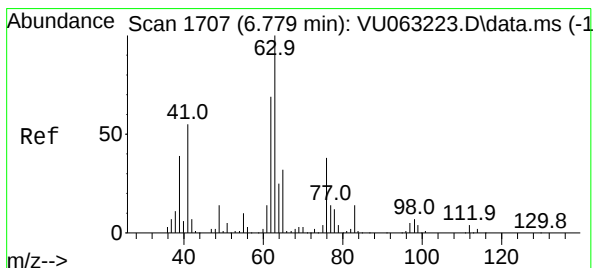
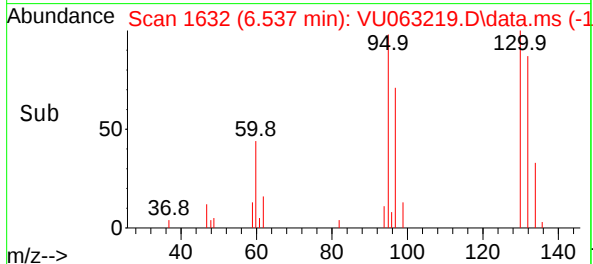
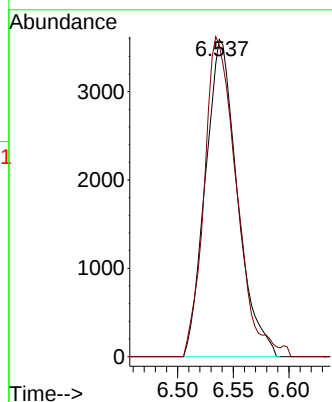
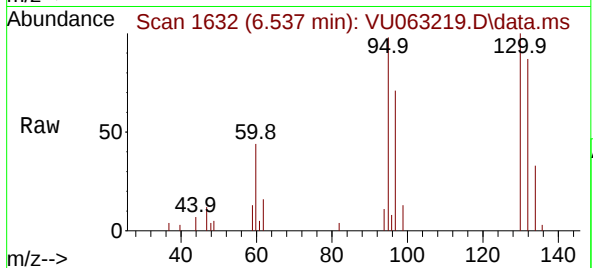




#37
Trichloroethene
Concen: 0.490 ug/l
RT: 6.537 min Scan# 1
Delta R.T. 0.006 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59

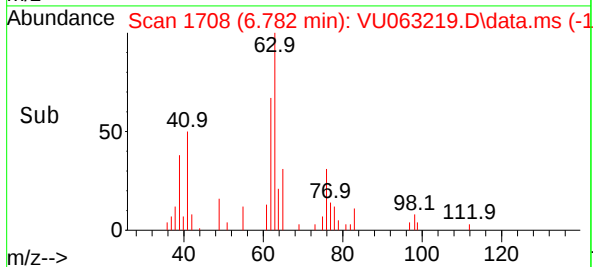
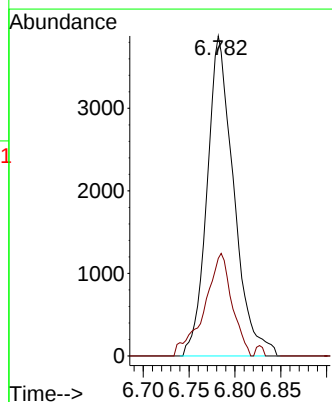
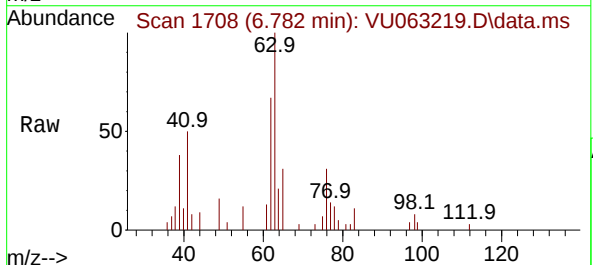
Instrument :
MSVOA_U
ClientSampleId :

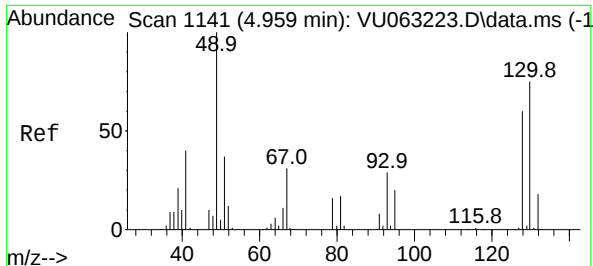
Tgt Ion:130 Resp: 7149
Ion Ratio Lower Upper
130 100
95 98.3 83.2 124.8



#38
1,2-Dichloropropane
Concen: 0.489 ug/l
RT: 6.782 min Scan# 1708
Delta R.T. 0.003 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59

Tgt Ion: 63 Resp: 7842
Ion Ratio Lower Upper
63 100
65 30.5 25.3 37.9





#39

Methacrylonitrile

Concen: 0.237 ug/l

RT: 5.000 min Scan# 1154

Delta R.T. 0.042 min

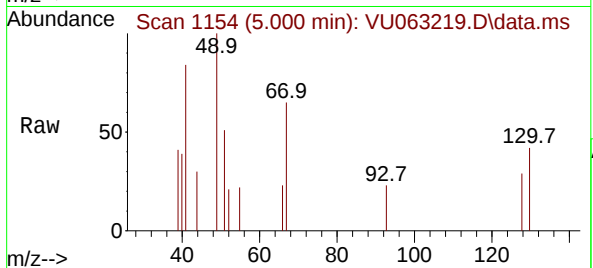
Lab File: VU063219.D

Acq: 10 Feb 2025 12:59

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 41 Resp: 952

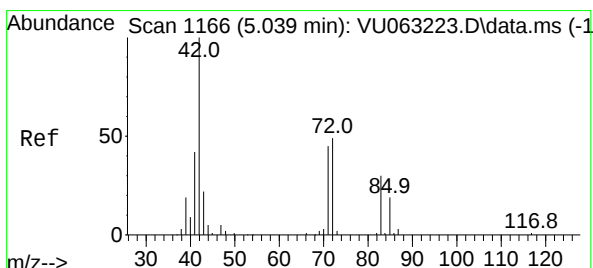
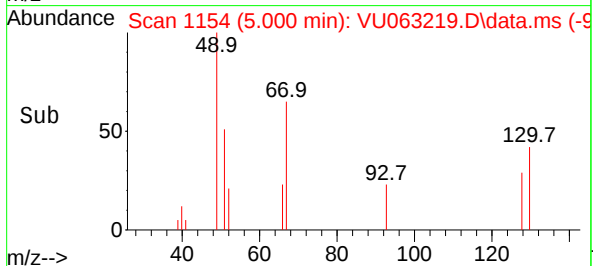
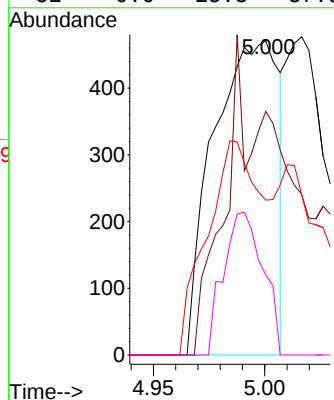
Ion Ratio Lower Upper

41 100

67 23.4 64.5 96.7#

39 0.0 43.0 64.6#

52 0.0 25.3 37.9#



#41

Tetrahydrofuran

Concen: 0.970 ug/l

RT: 5.065 min Scan# 1174

Delta R.T. 0.026 min

Lab File: VU063219.D

Acq: 10 Feb 2025 12:59

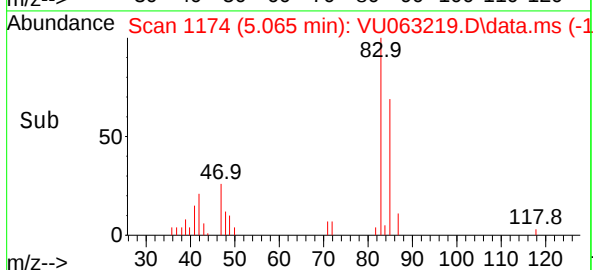
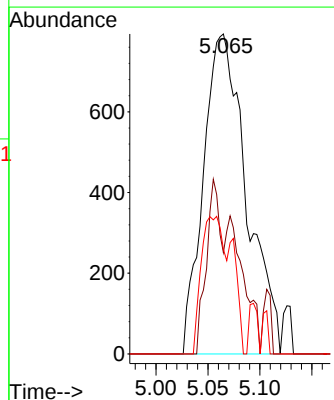
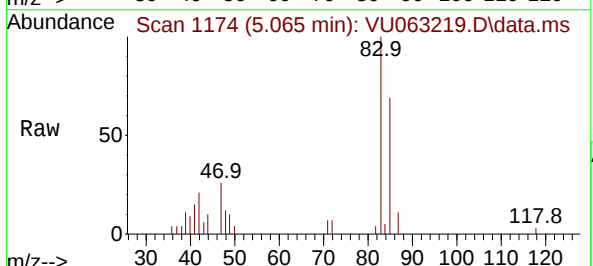
Tgt Ion: 42 Resp: 2289

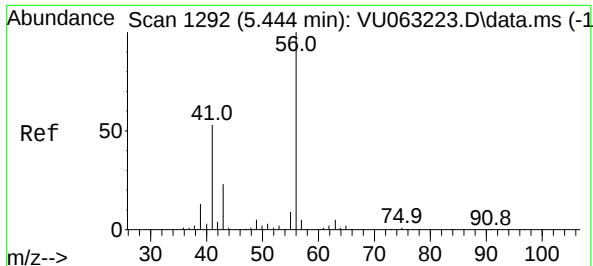
Ion Ratio Lower Upper

42 100

72 18.8 41.5 62.3#

71 23.0 37.2 55.8#





#42

1-Chlorobutane

Concen: 0.443 ug/l

RT: 5.451 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU063219.D

Acq: 10 Feb 2025 12:59

Instrument :

MSVOA_U

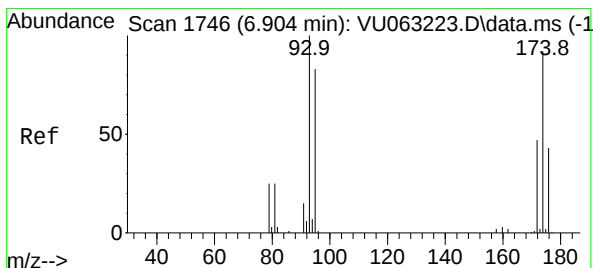
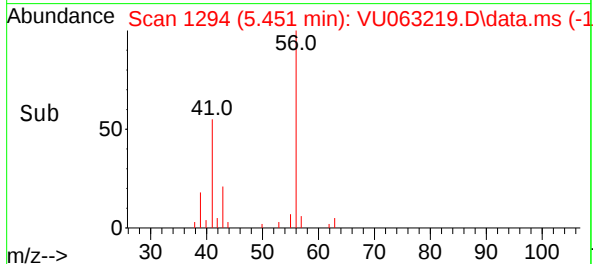
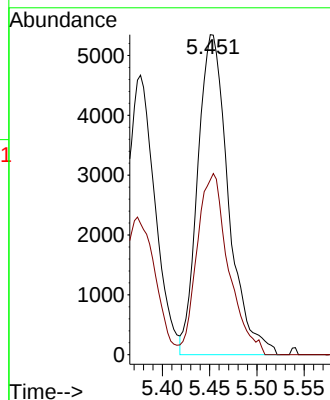
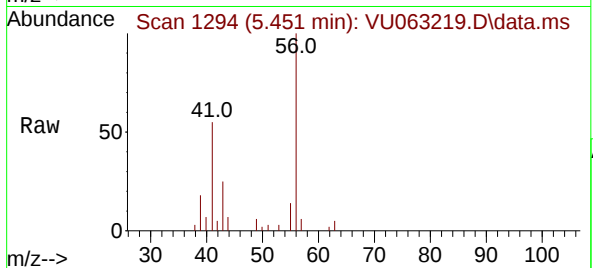
ClientSampleId :

Tgt Ion: 56 Resp: 12081

Ion Ratio Lower Upper

56 100

41 58.0 26.3 78.8



#43

Dibromomethane

Concen: 0.495 ug/l

RT: 6.910 min Scan# 1748

Delta R.T. 0.006 min

Lab File: VU063219.D

Acq: 10 Feb 2025 12:59

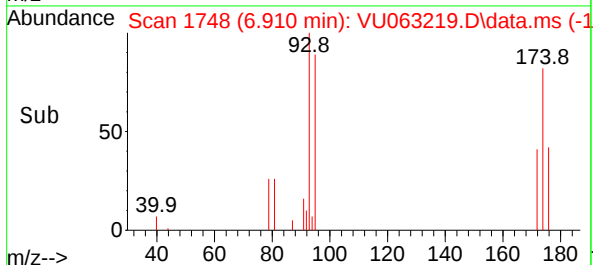
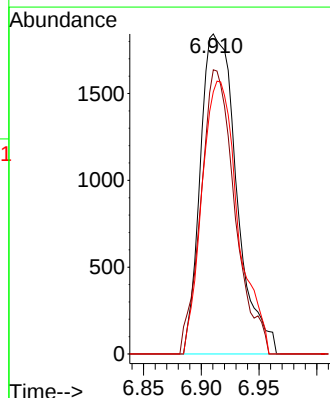
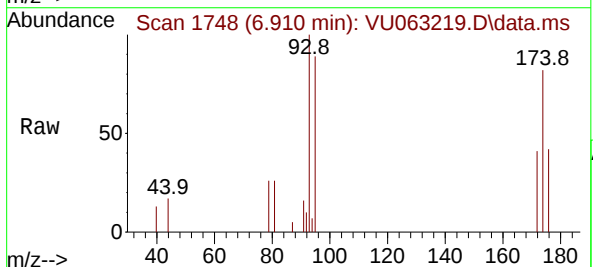
Tgt Ion: 93 Resp: 4024

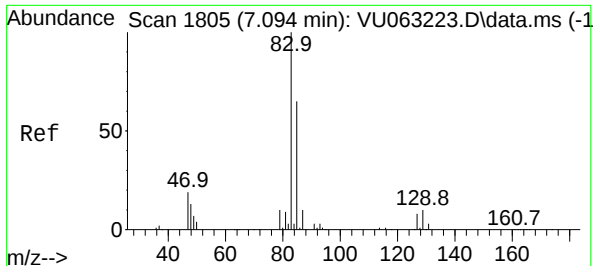
Ion Ratio Lower Upper

93 100

95 82.9 67.2 100.8

174 84.6 75.7 113.5

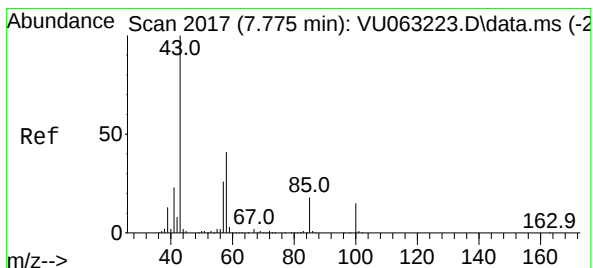
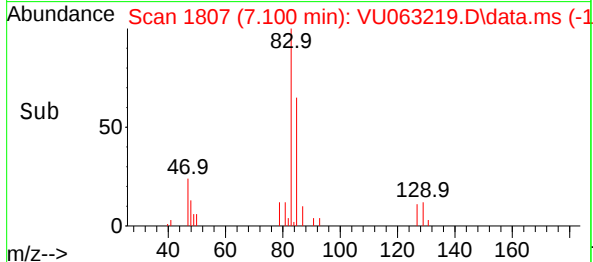
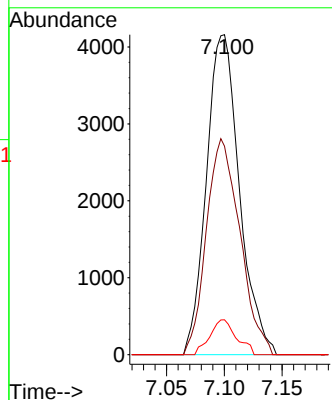
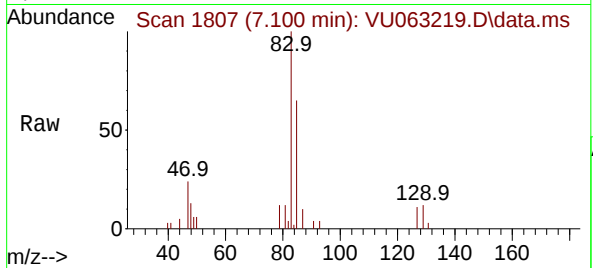




#44
Bromodichloromethane
Concen: 0.438 ug/l
RT: 7.100 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59

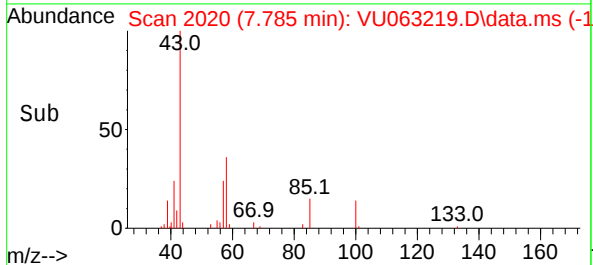
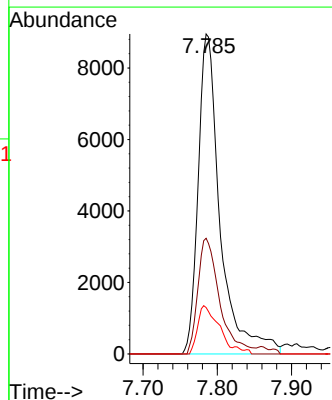
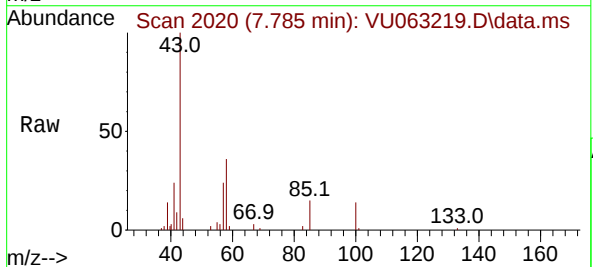
Instrument :
MSVOA_U
ClientSampleId :

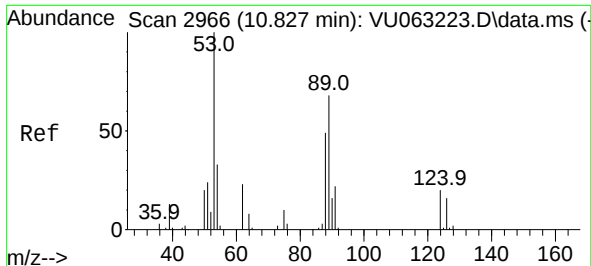
Tgt Ion: 83 Resp: 8280
Ion Ratio Lower Upper
83 100
85 65.2 51.7 77.5
127 10.9 6.7 10.1#



#45
4-Methyl-2-Pentanone
Concen: 2.160 ug/l
RT: 7.785 min Scan# 2020
Delta R.T. 0.010 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59

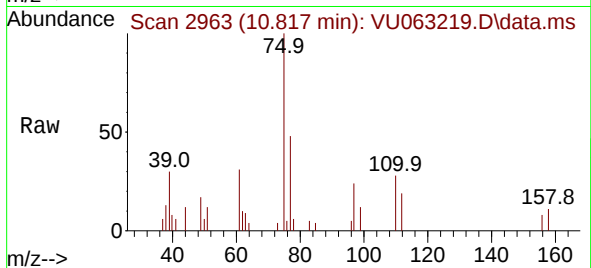
Tgt Ion: 43 Resp: 18398
Ion Ratio Lower Upper
43 100
58 36.0 20.8 62.5
85 14.1 14.8 22.2#



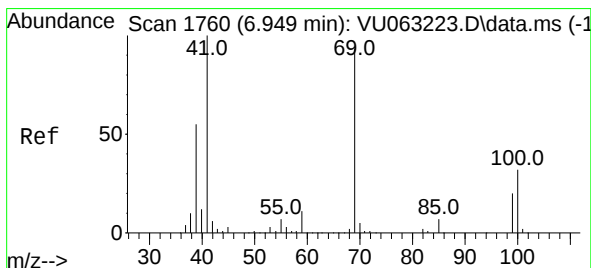
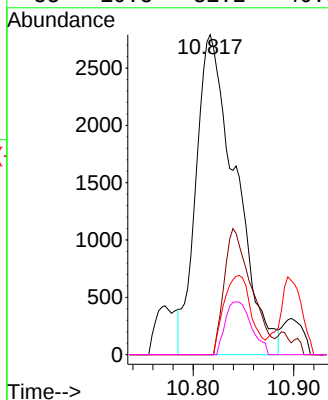
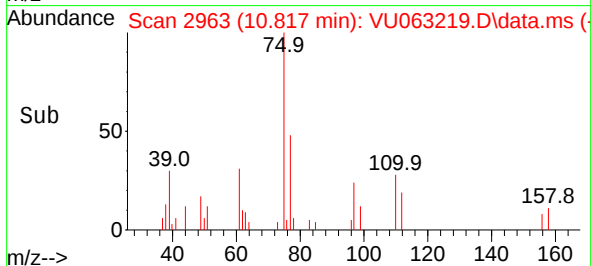


#46
t-1,4-Dichloro-2-butene
Concen: 1.813 ug/l
RT: 10.817 min Scan# 2963
Delta R.T. -0.010 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59

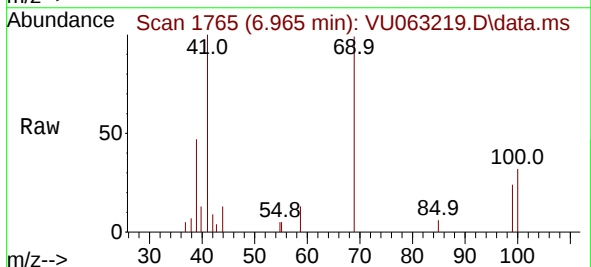
Instrument :
MSVOA_U
ClientSampleId :



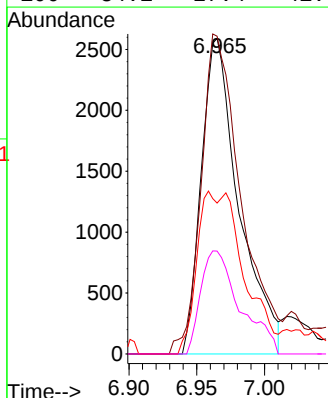
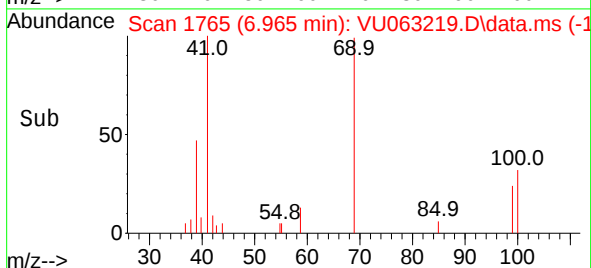
Tgt Ion	Ratio	Lower	Upper
75	100		
53	27.3	64.5	96.7#
89	17.2	43.4	65.2#
88	10.8	31.2	46.8#

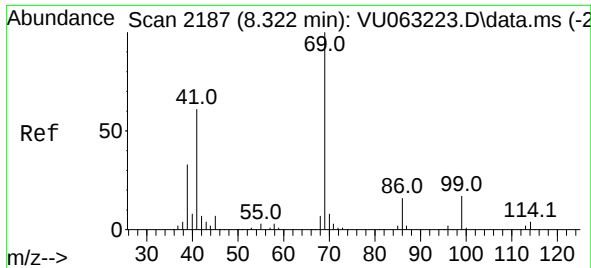


#47
Methyl methacrylate
Concen: 0.730 ug/l
RT: 6.965 min Scan# 1765
Delta R.T. 0.016 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59



Tgt Ion	Ratio	Lower	Upper
69	100		
41	108.5	0.0	217.0
39	28.7	47.7	71.5#
100	34.1	27.4	41.0





#48

Ethyl methacrylate

Concen: 0.377 ug/l

RT: 8.332 min Scan# 2187

Delta R.T. 0.010 min

Lab File: VU063219.D

Acq: 10 Feb 2025 12:59

Instrument :

MSVOA_U

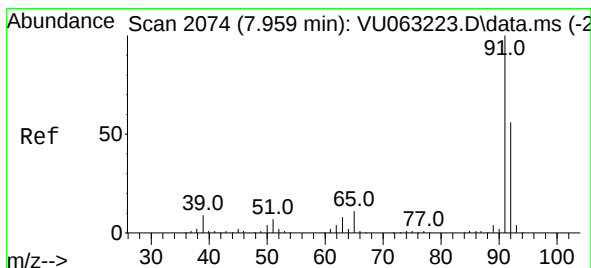
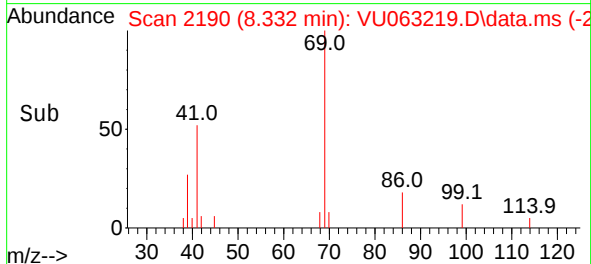
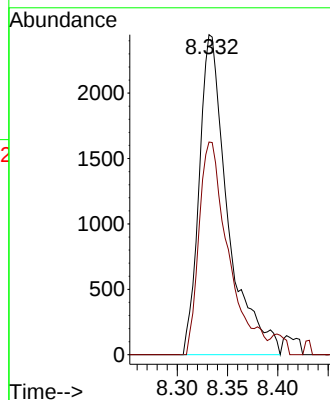
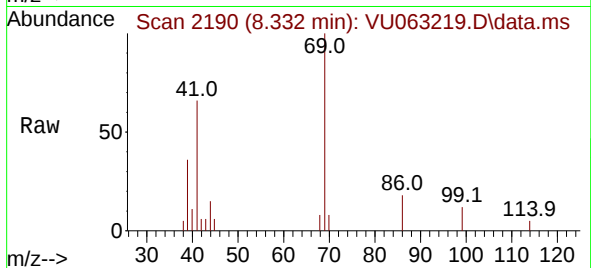
ClientSampleId :

Tgt Ion: 69 Resp: 4839

Ion Ratio Lower Upper

69 100

41 68.2 30.6 92.0



#49

Toluene

Concen: 0.429 ug/l

RT: 7.962 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU063219.D

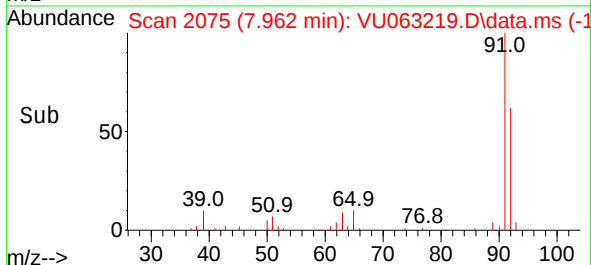
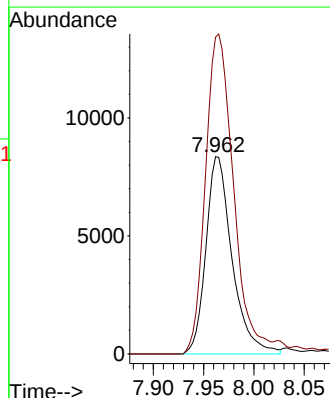
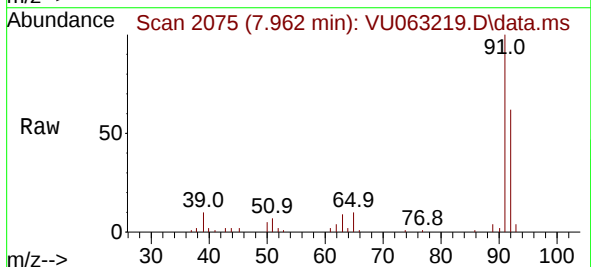
Acq: 10 Feb 2025 12:59

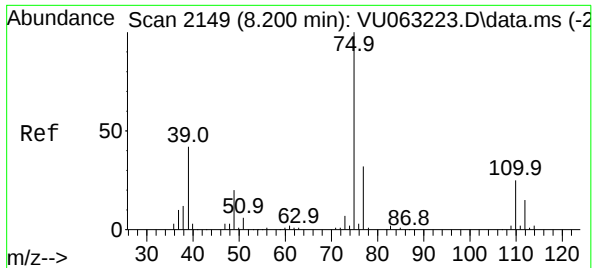
Tgt Ion: 92 Resp: 15136

Ion Ratio Lower Upper

92 100

91 173.4 141.8 212.6

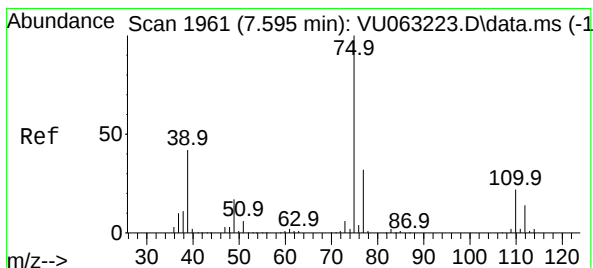
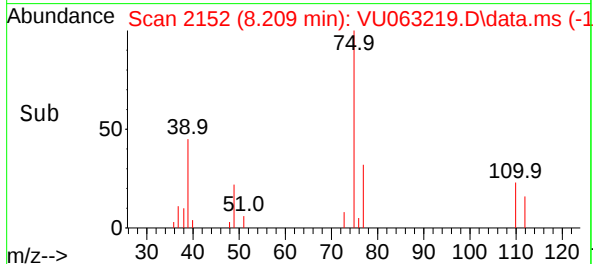
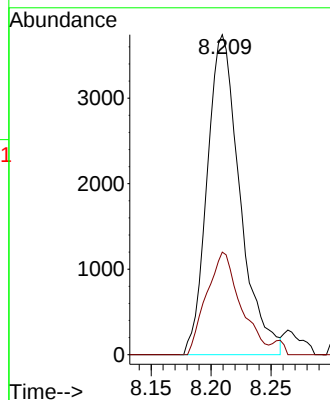
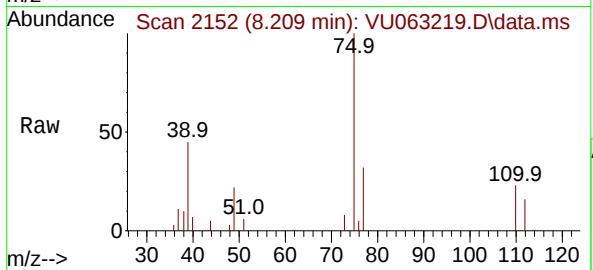




#50
t-1,3-Dichloropropene
Concen: 0.409 ug/l
RT: 8.209 min Scan# 2149
Delta R.T. 0.010 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59

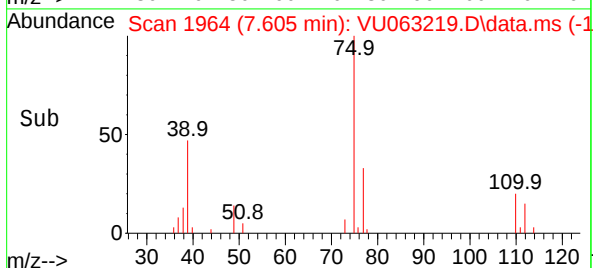
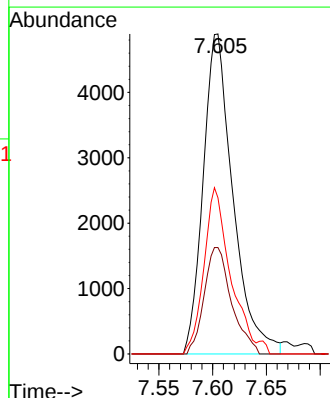
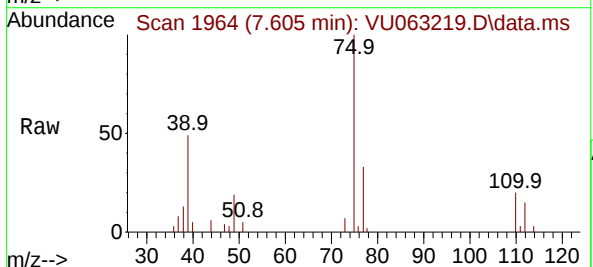
Instrument :
MSVOA_U
ClientSampleId :

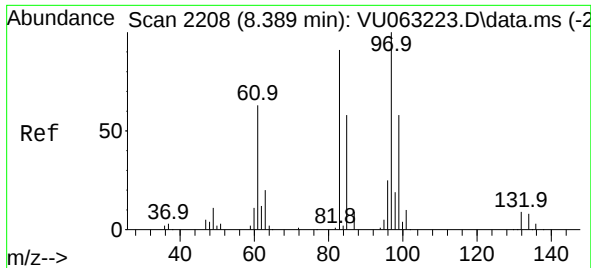
Tgt Ion: 75 Resp: 7086
Ion Ratio Lower Upper
75 100
77 32.1 25.9 38.9



#51
cis-1,3-Dichloropropene
Concen: 0.441 ug/l
RT: 7.605 min Scan# 1964
Delta R.T. 0.010 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59

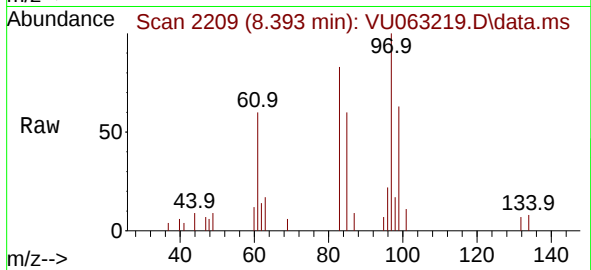
Tgt Ion: 75 Resp: 9424
Ion Ratio Lower Upper
75 100
77 35.5 25.3 37.9
39 48.8 33.5 50.3



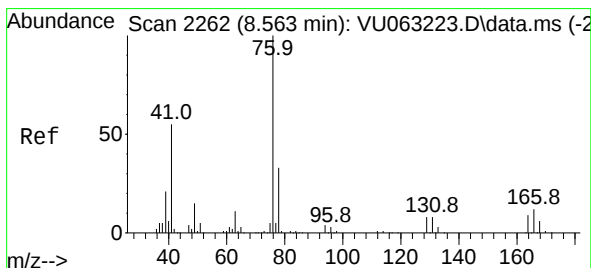
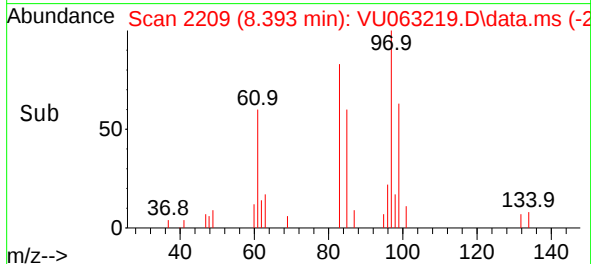
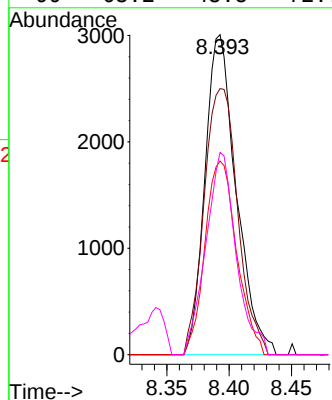


#52
1,1,2-Trichloroethane
Concen: 0.480 ug/l
RT: 8.393 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59

Instrument :
MSVOA_U
ClientSampleId :

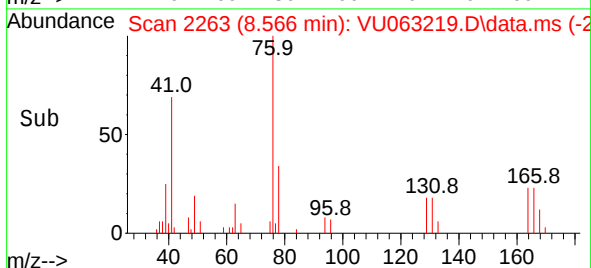
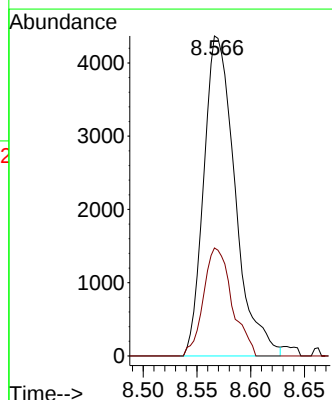
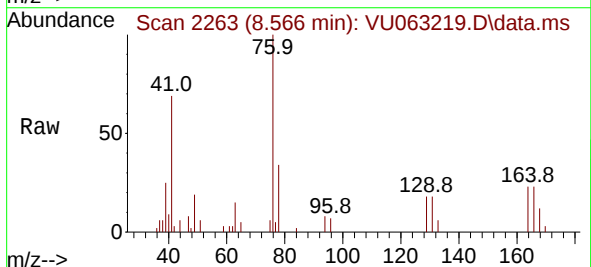


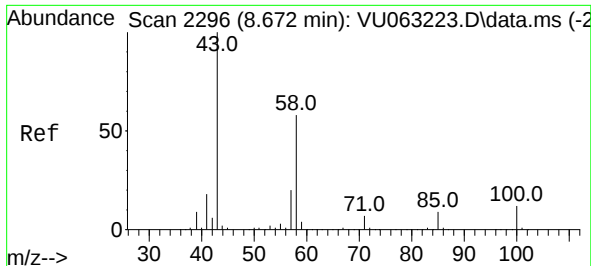
Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.1	73.0	109.4
85	60.5	46.3	69.5
99	63.2	48.5	72.7



#53
1,3-Dichloropropane
Concen: 0.454 ug/l
RT: 8.566 min Scan# 2263
Delta R.T. 0.003 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59

Tgt Ion	Ratio	Lower	Upper
76	100		
78	30.9	26.3	39.5

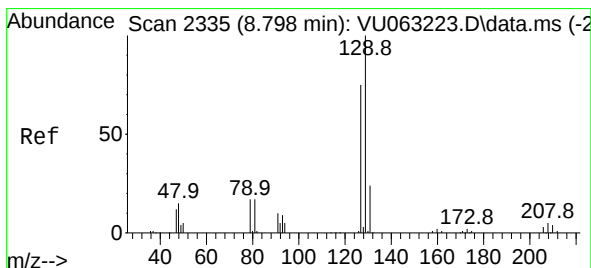
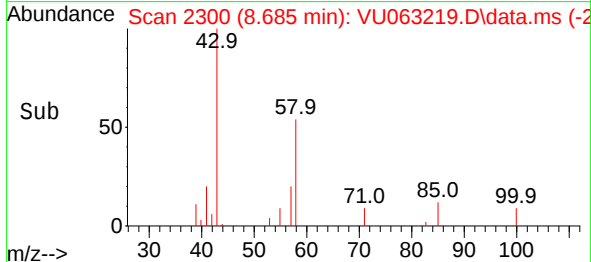
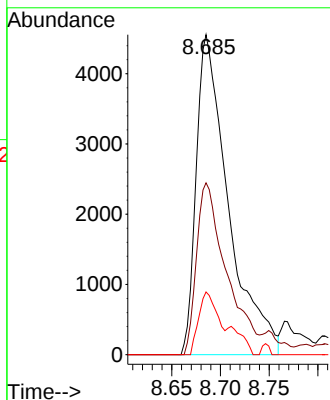
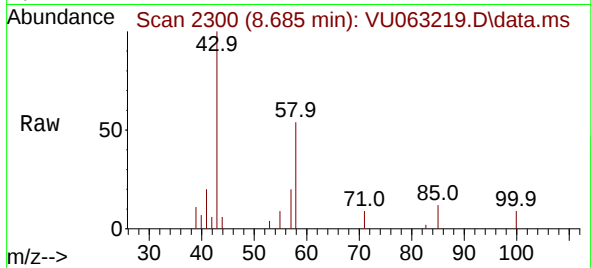




#54
2-Hexanone
Concen: 1.796 ug/l
RT: 8.685 min Scan# 2300
Delta R.T. 0.013 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59

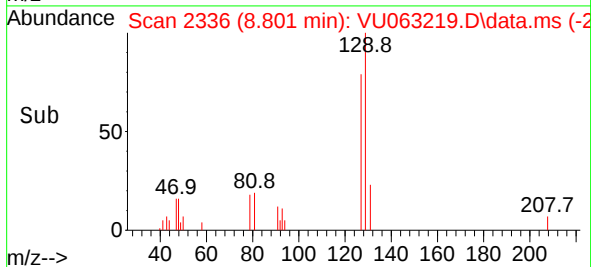
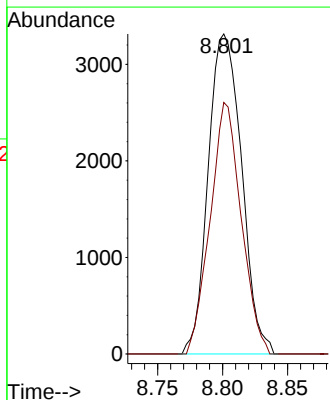
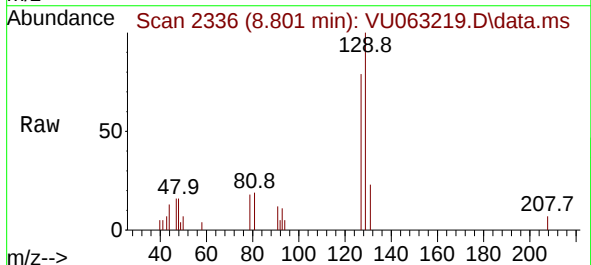
Instrument :
MSVOA_U
ClientSampleId :

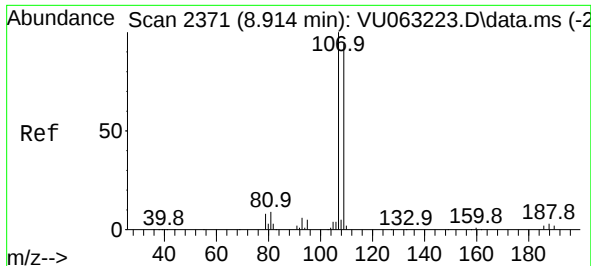
Tgt Ion: 43 Resp: 10441
Ion Ratio Lower Upper
43 100
58 50.0 38.0 78.0
57 11.8 0.0 39.1



#55
Dibromochloromethane
Concen: 0.471 ug/l
RT: 8.801 min Scan# 2336
Delta R.T. 0.003 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59

Tgt Ion: 129 Resp: 5934
Ion Ratio Lower Upper
129 100
127 73.0 60.4 90.6





#56

1,2-Dibromoethane

Concen: 0.470 ug/l

RT: 8.917 min Scan# 2372

Delta R.T. 0.003 min

Lab File: VU063219.D

Acq: 10 Feb 2025 12:59

Instrument :

MSVOA_U

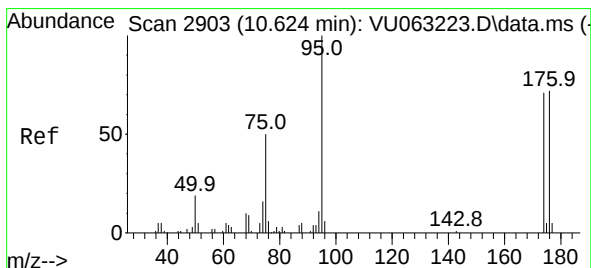
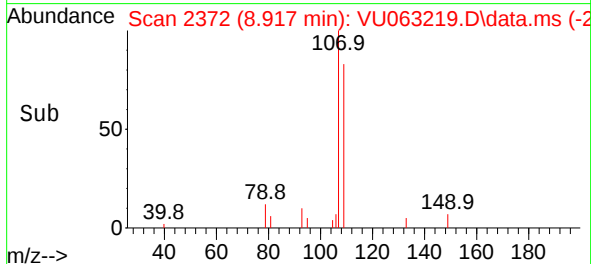
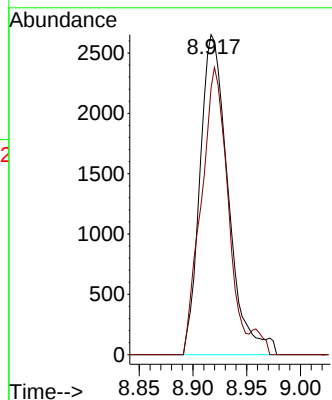
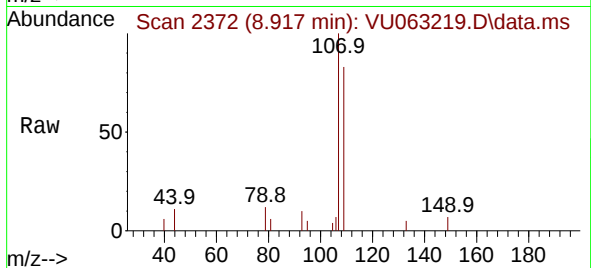
ClientSampleId :

Tgt Ion:107 Resp: 4834

Ion Ratio Lower Upper

107 100

109 84.1 0.0 187.8



#57

4-Bromofluorobenzene

Concen: 0.917 ug/l

RT: 10.627 min Scan# 2904

Delta R.T. 0.003 min

Lab File: VU063219.D

Acq: 10 Feb 2025 12:59

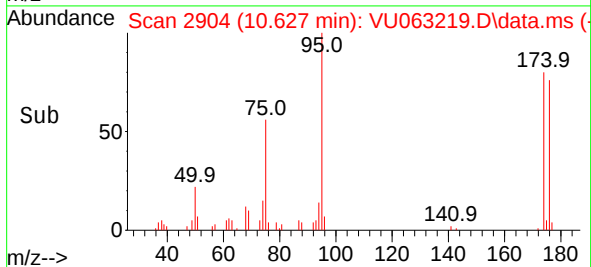
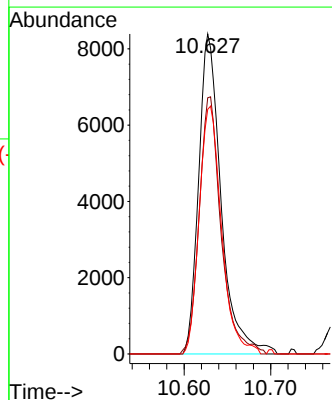
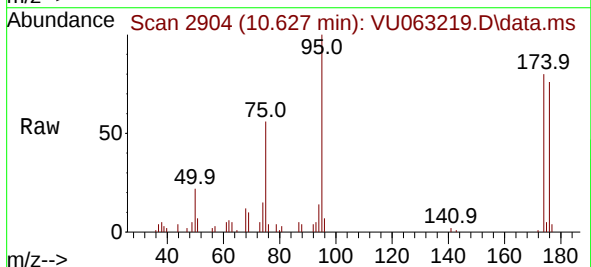
Tgt Ion: 95 Resp: 15091

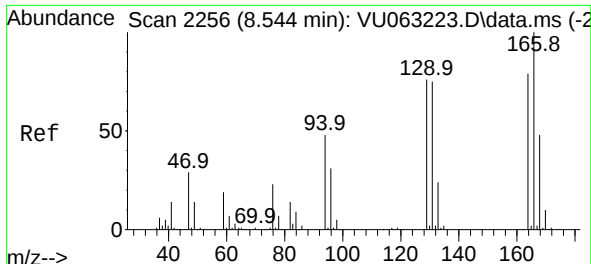
Ion Ratio Lower Upper

95 100

174 78.4 58.6 88.0

176 77.1 58.2 87.4





#58

Tetrachloroethene

Concen: 0.503 ug/l

RT: 8.544 min Scan# 21

Delta R.T. -0.000 min

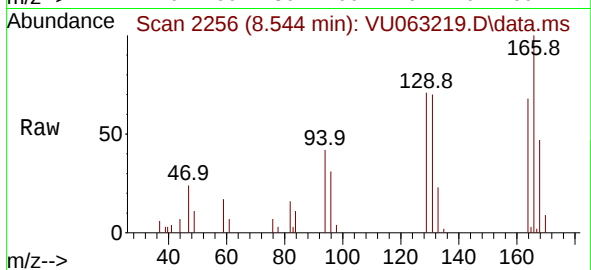
Lab File: VU063219.D

Acq: 10 Feb 2025 12:59

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 6044

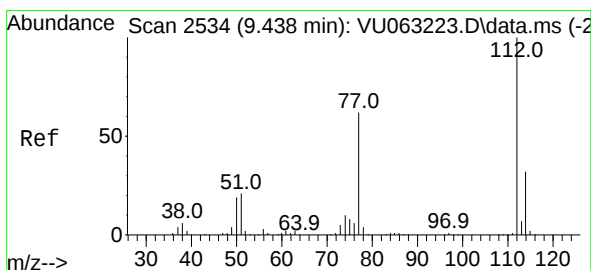
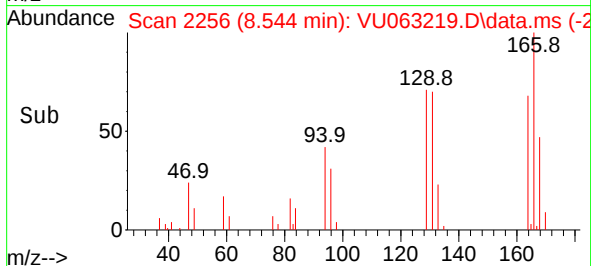
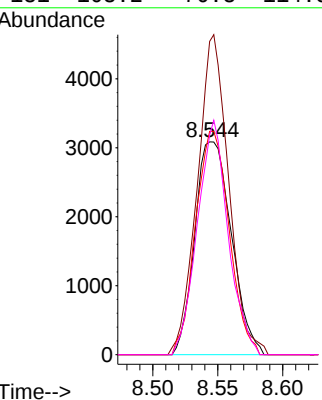
Ion Ratio Lower Upper

164 100

166 147.2 101.4 152.0

129 105.0 77.0 115.4

131 103.2 76.3 114.5



#59

Chlorobenzene

Concen: 0.453 ug/l

RT: 9.441 min Scan# 2535

Delta R.T. 0.003 min

Lab File: VU063219.D

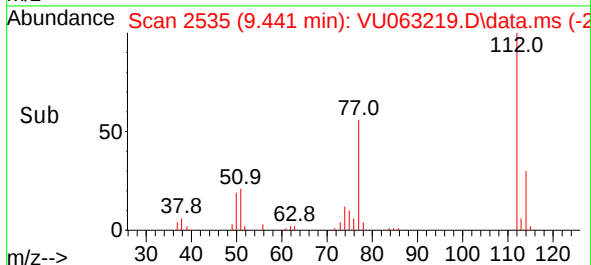
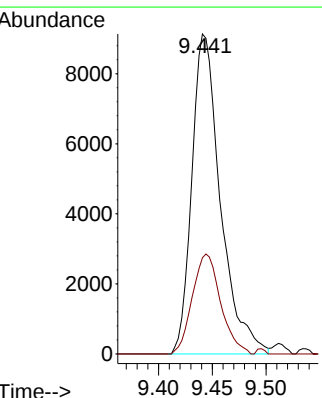
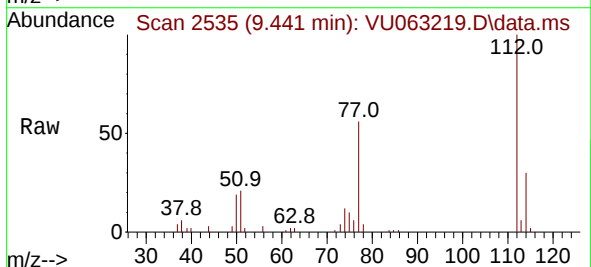
Acq: 10 Feb 2025 12:59

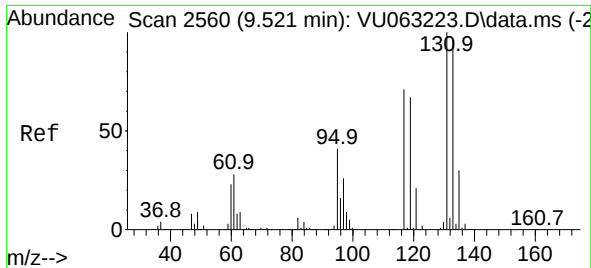
Tgt Ion:112 Resp: 16870

Ion Ratio Lower Upper

112 100

114 30.0 25.7 38.5





#60

1,1,1,2-Tetrachloroethane

Concen: 0.475 ug/l

RT: 9.524 min Scan# 2560

Delta R.T. 0.003 min

Lab File: VU063219.D

Acq: 10 Feb 2025 12:59

Instrument :

MSVOA_U

ClientSampleId :

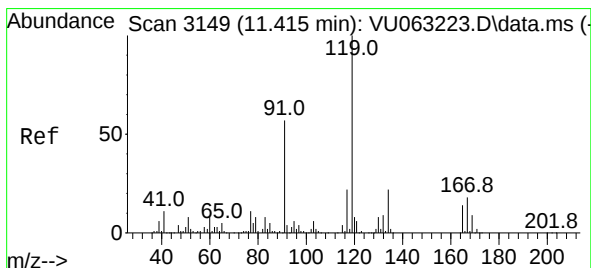
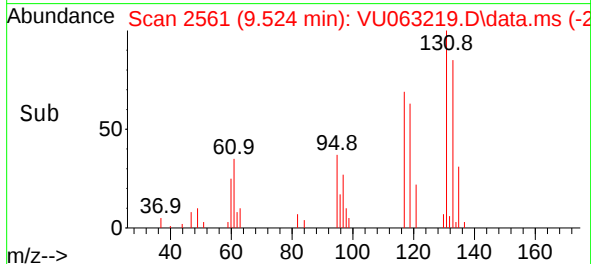
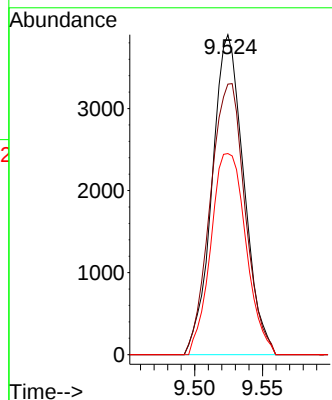
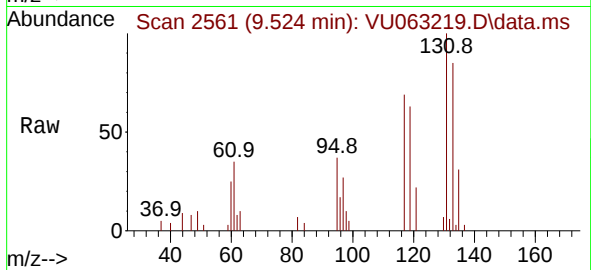
Tgt Ion:131 Resp: 6349

Ion Ratio Lower Upper

131 100

133 92.8 76.7 115.1

119 69.5 54.4 81.6



#61

Pentachloroethane

Concen: 0.436 ug/l

RT: 11.418 min Scan# 3150

Delta R.T. 0.003 min

Lab File: VU063219.D

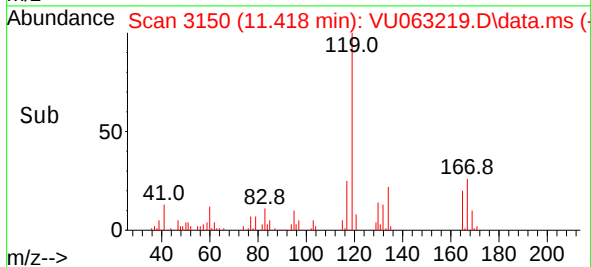
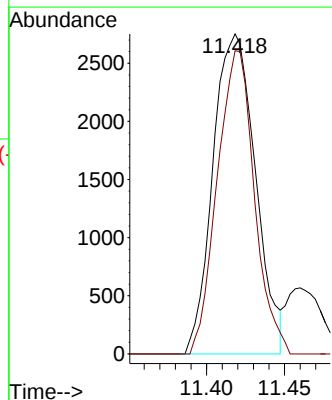
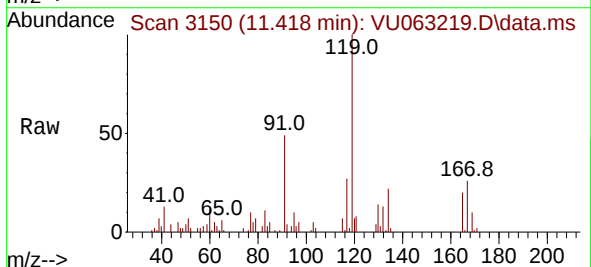
Acq: 10 Feb 2025 12:59

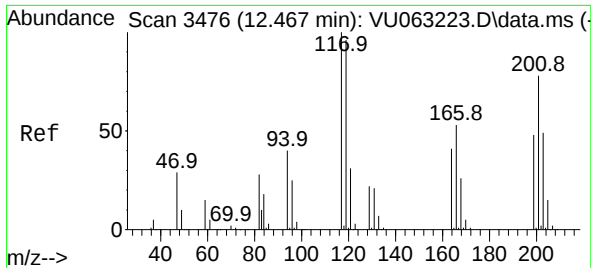
Tgt Ion:117 Resp: 5212

Ion Ratio Lower Upper

117 100

167 82.8 65.0 97.6

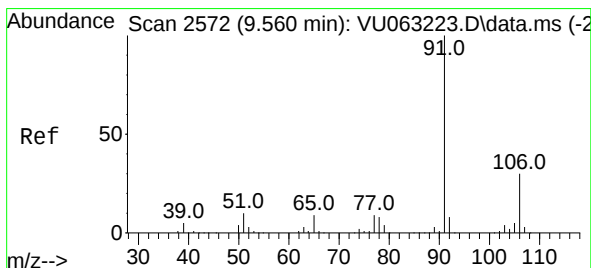
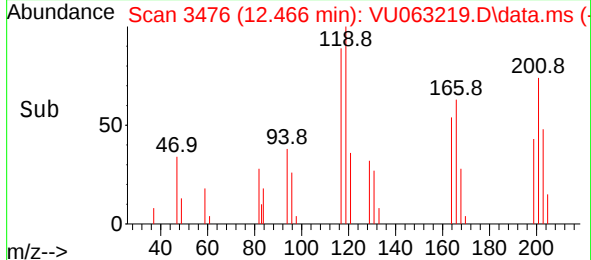
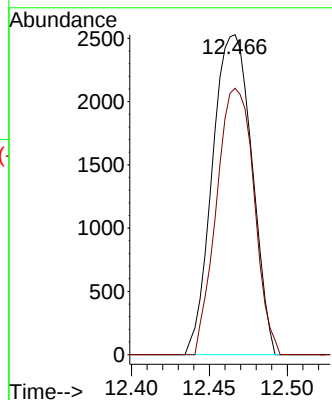
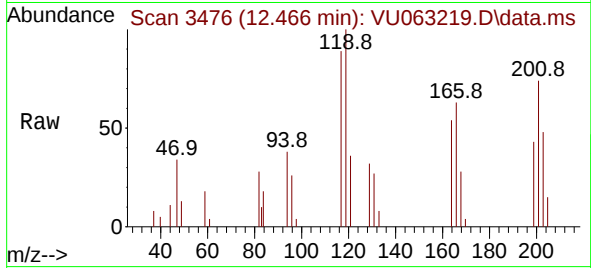




#62
Hexachloroethane
Concen: 0.423 ug/l
RT: 12.466 min Scan# 3476
Delta R.T. -0.000 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59

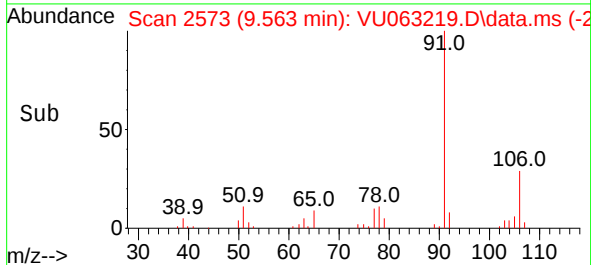
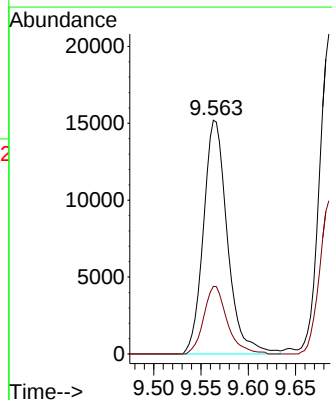
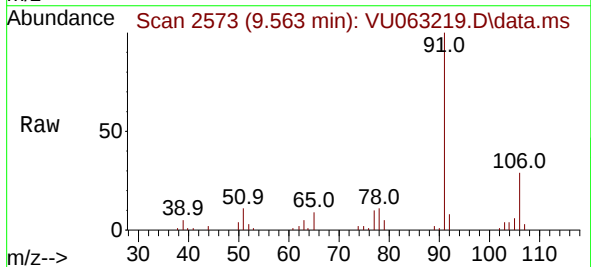
Instrument :
MSVOA_U
ClientSampleId :

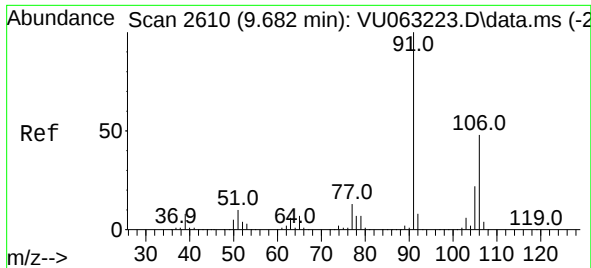
Tgt Ion:117 Resp: 4467
Ion Ratio Lower Upper
117 100
201 79.0 61.3 91.9



#63
Ethyl Benzene
Concen: 0.418 ug/l
RT: 9.563 min Scan# 2573
Delta R.T. 0.003 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59

Tgt Ion: 91 Resp: 26810
Ion Ratio Lower Upper
91 100
106 28.8 24.2 36.2





#64

m/p-Xylenes

Concen: 0.778 ug/l

RT: 9.685 min Scan# 2610

Delta R.T. 0.003 min

Lab File: VU063219.D

Acq: 10 Feb 2025 12:59

Instrument :

MSVOA_U

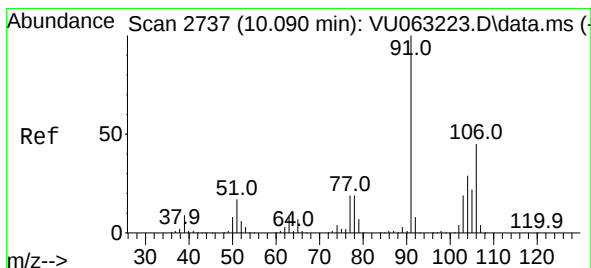
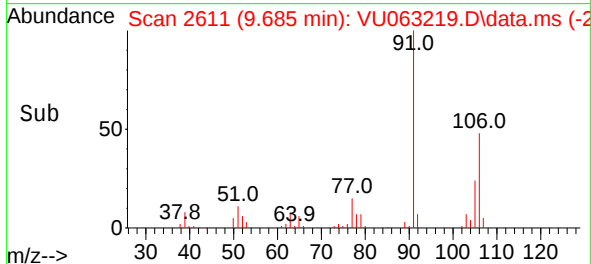
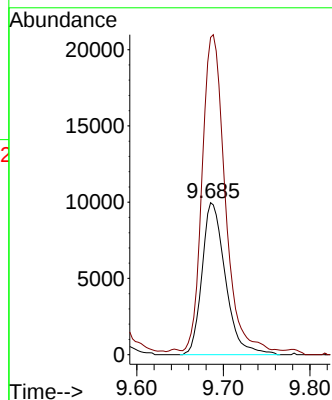
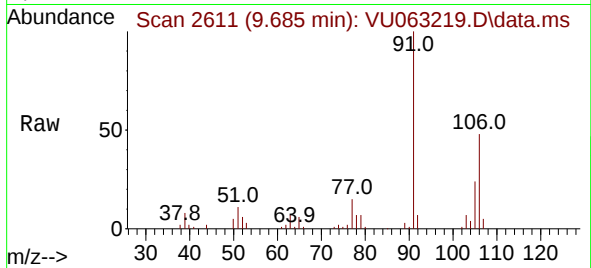
ClientSampleId :

Tgt Ion:106 Resp: 18658

Ion Ratio Lower Upper

106 100

91 201.9 166.9 250.3



#65

o-Xylene

Concen: 0.398 ug/l

RT: 10.094 min Scan# 2738

Delta R.T. 0.003 min

Lab File: VU063219.D

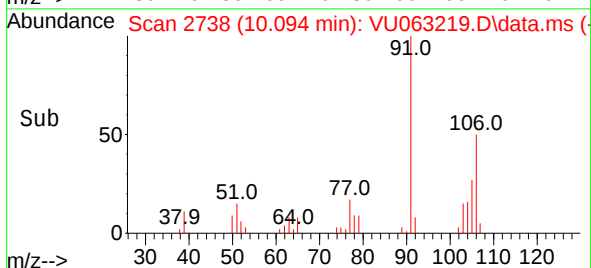
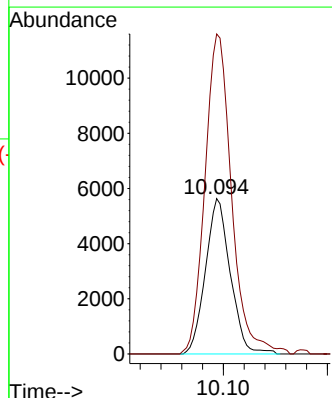
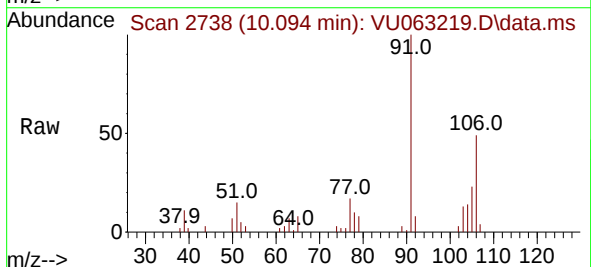
Acq: 10 Feb 2025 12:59

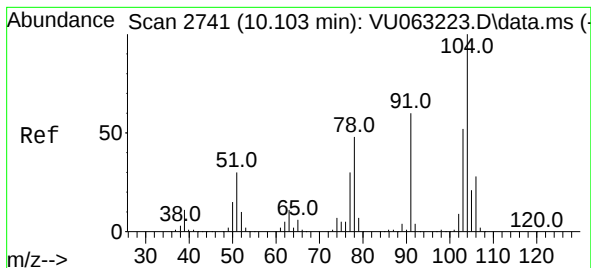
Tgt Ion:106 Resp: 9329

Ion Ratio Lower Upper

106 100

91 220.7 110.9 332.9





#66

Styrene

Concen: 0.375 ug/l

RT: 10.113 min Scan# 21

Delta R.T. 0.010 min

Lab File: VU063219.D

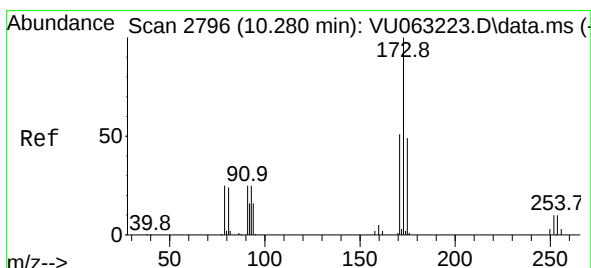
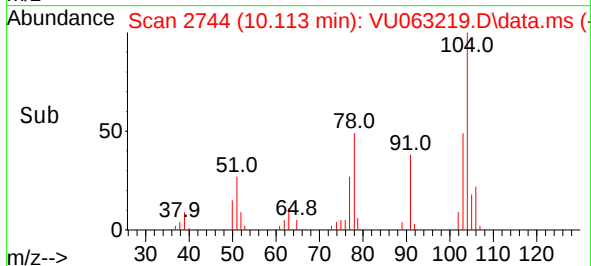
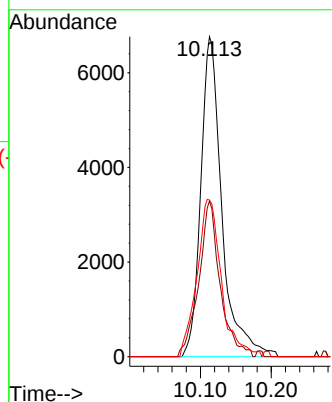
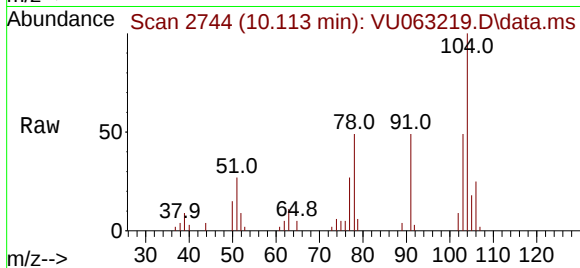
Acq: 10 Feb 2025 12:59

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:104	Resp:	14012
Ion Ratio	Lower	Upper
104	100	
78	48.9	41.2 61.8
103	56.6	44.8 67.2



#67

Bromoform

Concen: 0.442 ug/l

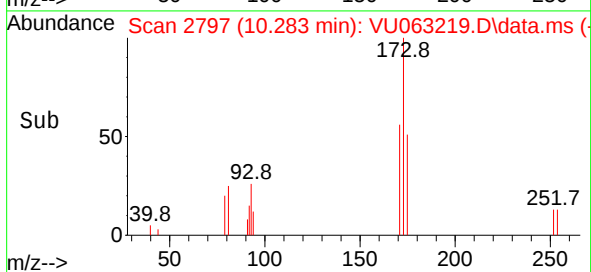
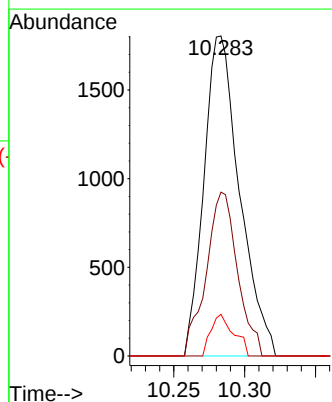
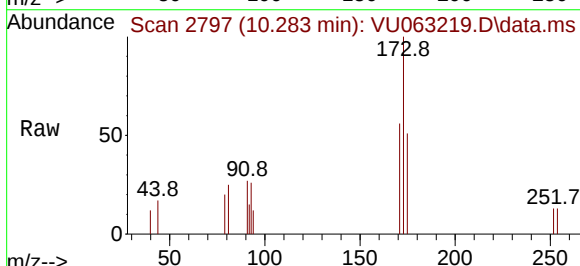
RT: 10.283 min Scan# 2797

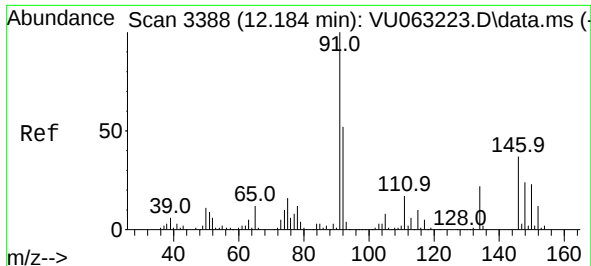
Delta R.T. 0.003 min

Lab File: VU063219.D

Acq: 10 Feb 2025 12:59

Tgt Ion:173	Resp:	3160
Ion Ratio	Lower	Upper
173	100	
175	44.9	39.0 58.4
254	8.4	7.7 11.5





#68

1,2-Dichlorobenzene-d4

Concen: 0.914 ug/l

RT: 12.187 min Scan# 3388

Delta R.T. 0.003 min

Lab File: VU063219.D

Acq: 10 Feb 2025 12:59

Instrument :

MSVOA_U

ClientSampleId :

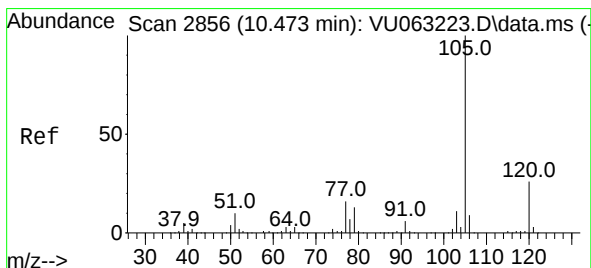
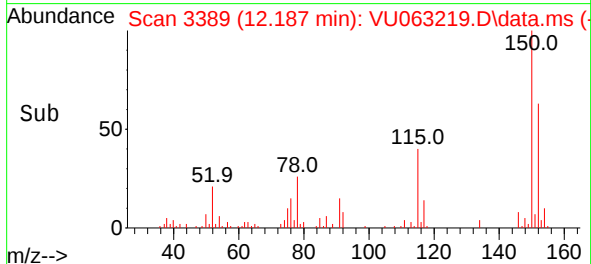
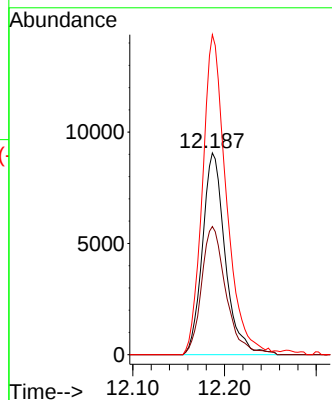
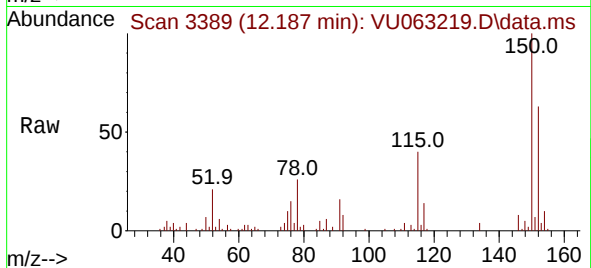
Tgt Ion:152 Resp: 15652

Ion Ratio Lower Upper

152 100

115 68.2 0.0 275.2

150 166.4 0.0 658.4



#69

Isopropylbenzene

Concen: 0.402 ug/l

RT: 10.476 min Scan# 2857

Delta R.T. 0.003 min

Lab File: VU063219.D

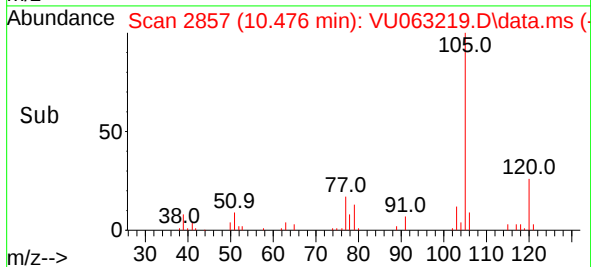
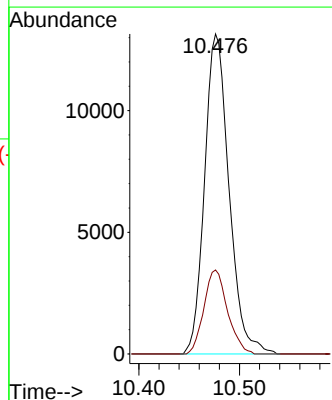
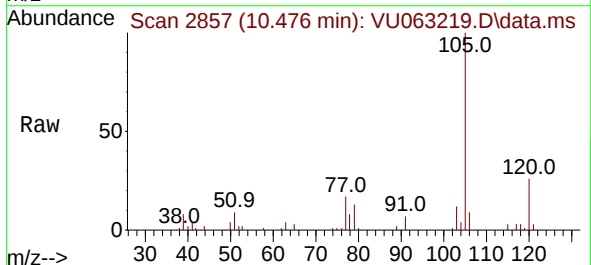
Acq: 10 Feb 2025 12:59

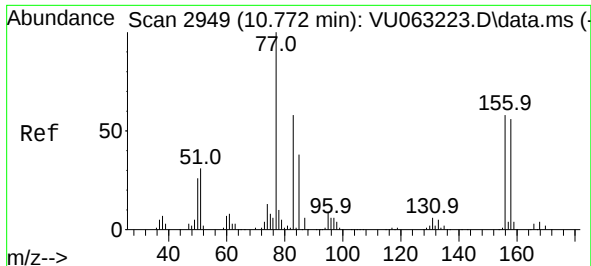
Tgt Ion:105 Resp: 22191

Ion Ratio Lower Upper

105 100

120 25.3 12.8 38.4





#70

1,1,2,2-Tetrachloroethane

Concen: 0.440 ug/l

RT: 10.772 min Scan# 2949

Delta R.T. -0.000 min

Lab File: VU063219.D

Acq: 10 Feb 2025 12:59

Instrument :

MSVOA_U

ClientSampleId :

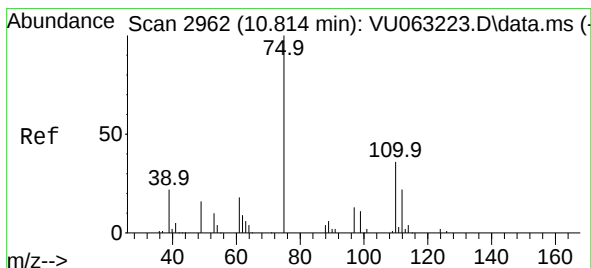
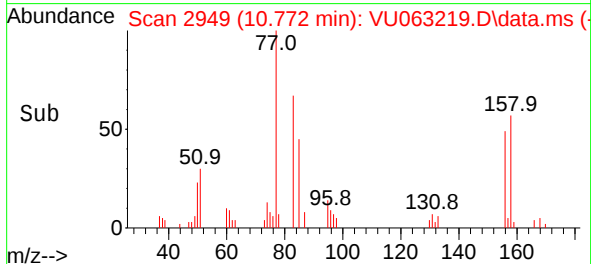
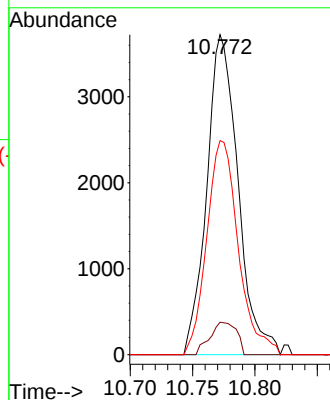
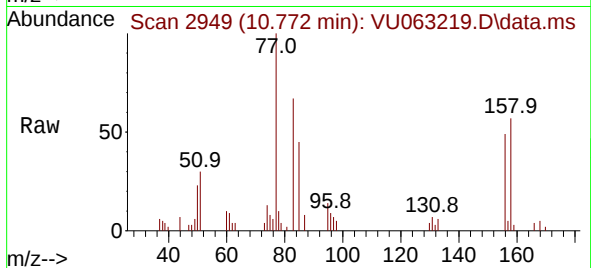
Tgt Ion: 83 Resp: 6493

Ion Ratio Lower Upper

83 100

131 8.6 7.4 11.0

85 67.6 51.8 77.8



#71

1,2,3-Trichloropropane

Concen: 0.683 ug/l

RT: 10.817 min Scan# 2963

Delta R.T. 0.003 min

Lab File: VU063219.D

Acq: 10 Feb 2025 12:59

Tgt Ion: 75 Resp: 7643

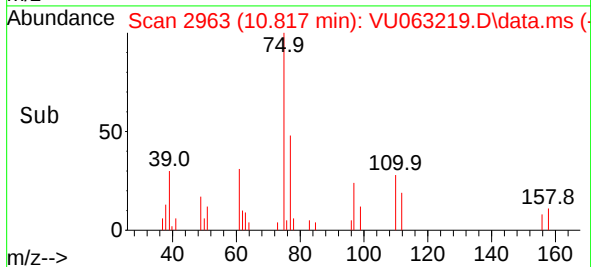
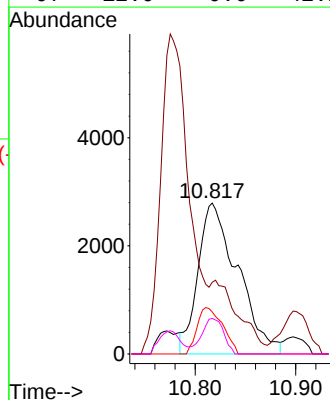
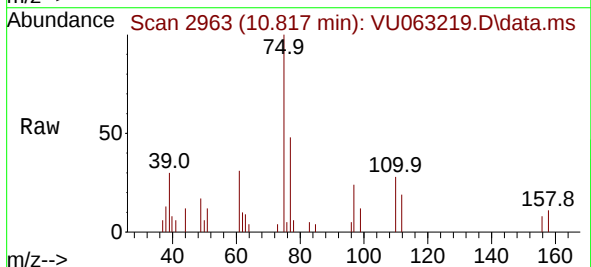
Ion Ratio Lower Upper

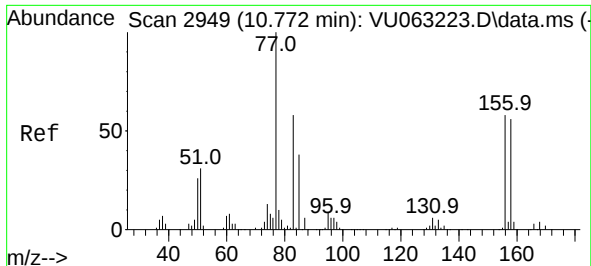
75 100

77 0.0 0.0 0.0

110 19.7 0.0 77.0

97 12.9 0.0 42.2

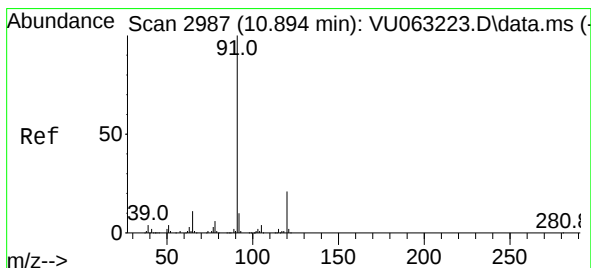
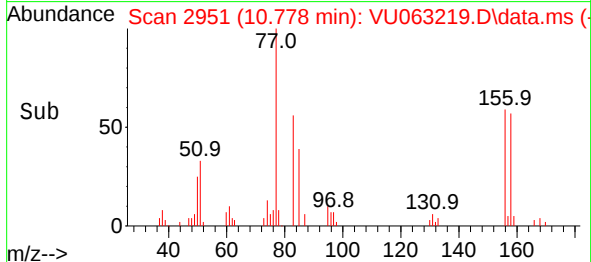
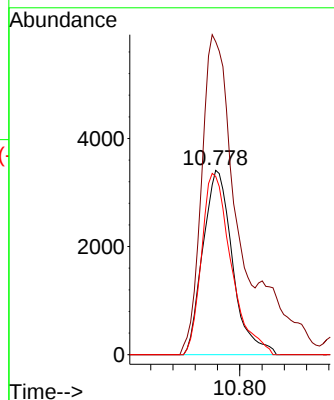
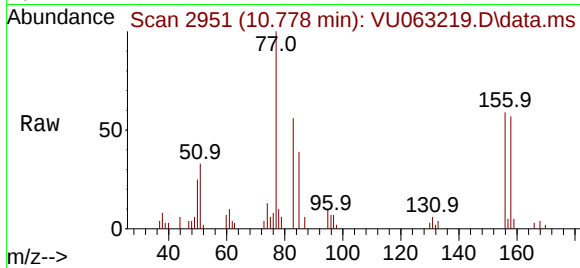




#72
Bromobenzene
Concen: 0.424 ug/l
RT: 10.778 min Scan# 2949
Delta R.T. 0.006 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59

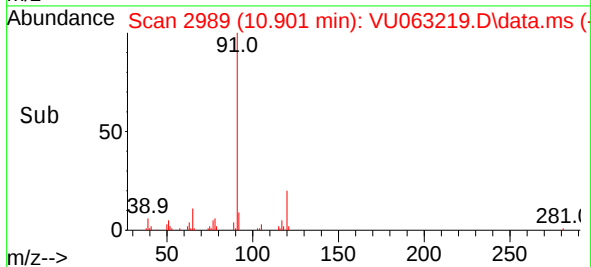
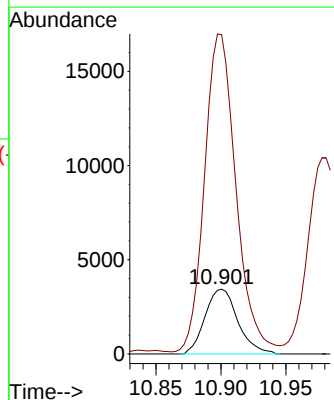
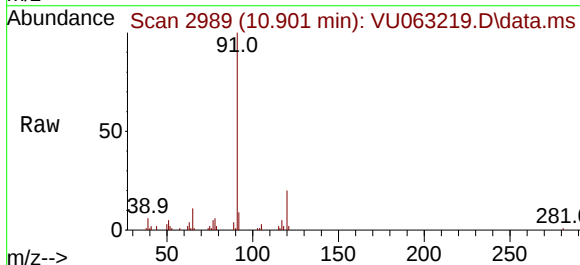
Instrument :
MSVOA_U
ClientSampleId :

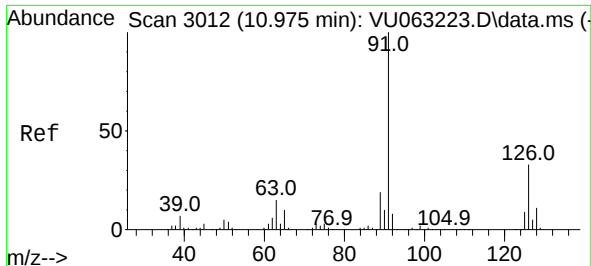
Tgt Ion	Ratio	Lower	Upper
156	100		
77	186.6	0.0	343.6
158	98.3	0.0	193.0



#73
n-propylbenzene
Concen: 0.382 ug/l
RT: 10.901 min Scan# 2989
Delta R.T. 0.006 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59

Tgt Ion	Ratio	Lower	Upper
120	100		
91	469.0	369.8	554.6

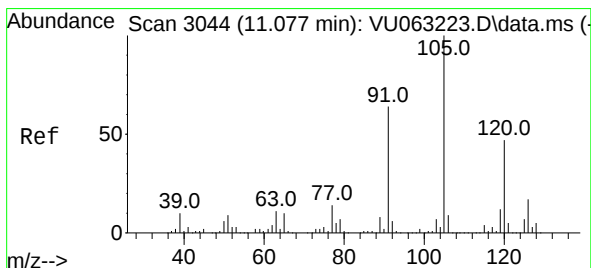
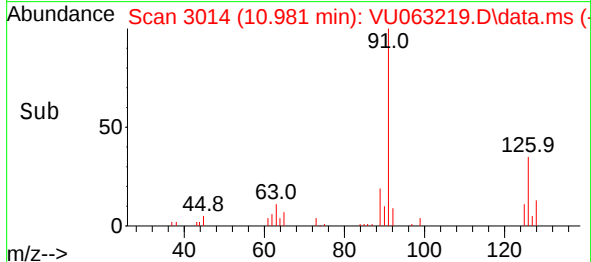
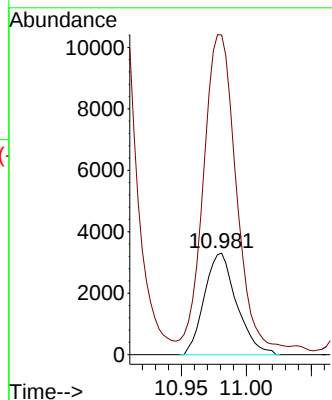
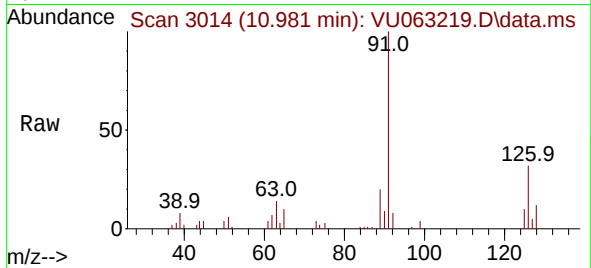




#74
2-Chlorotoluene
Concen: 0.392 ug/l
RT: 10.981 min Scan# 3012
Delta R.T. 0.006 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59

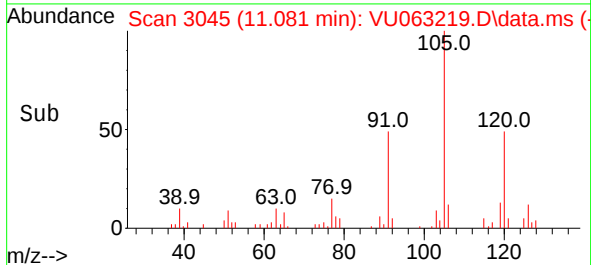
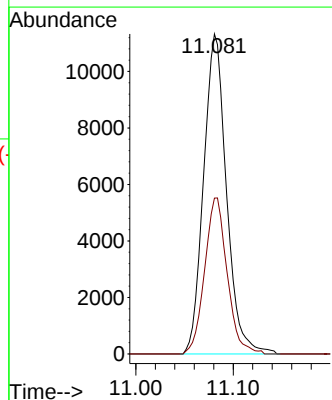
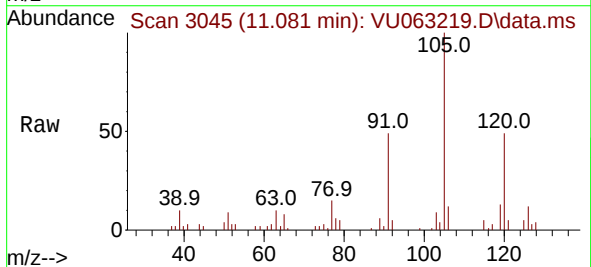
Instrument :
MSVOA_U
ClientSampleId :

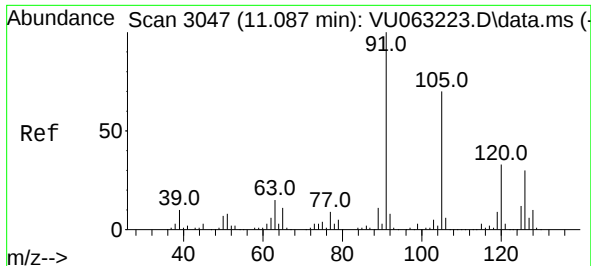
Tgt Ion:126 Resp: 5699
Ion Ratio Lower Upper
126 100
91 306.6 0.0 623.8



#75
1,3,5-Trimethylbenzene
Concen: 0.362 ug/l
RT: 11.081 min Scan# 3045
Delta R.T. 0.003 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59

Tgt Ion:105 Resp: 18487
Ion Ratio Lower Upper
105 100
120 48.0 37.3 55.9

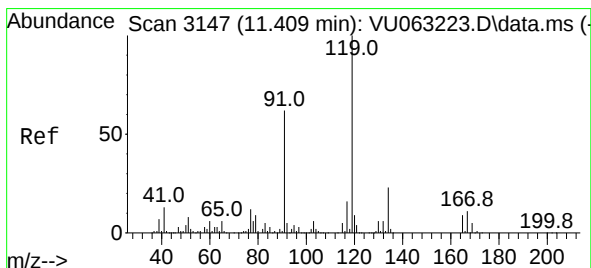
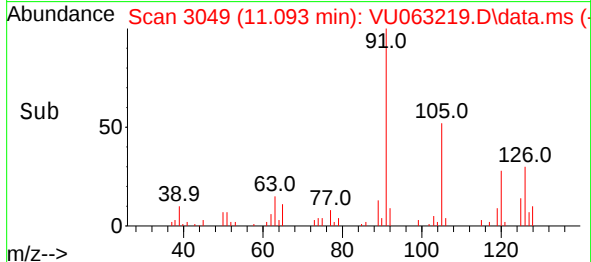
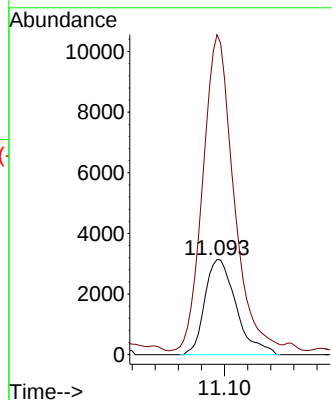
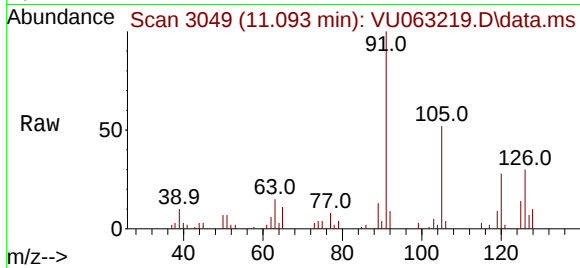




#76
4-Chlorotoluene
Concen: 0.396 ug/l
RT: 11.093 min Scan# 3047
Delta R.T. 0.006 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59

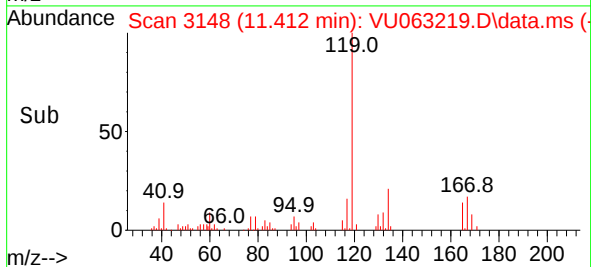
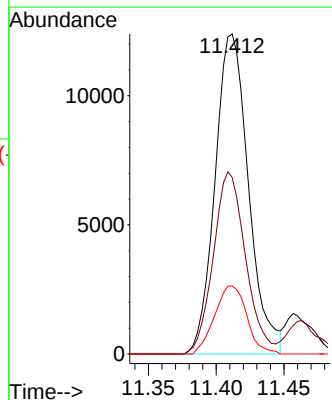
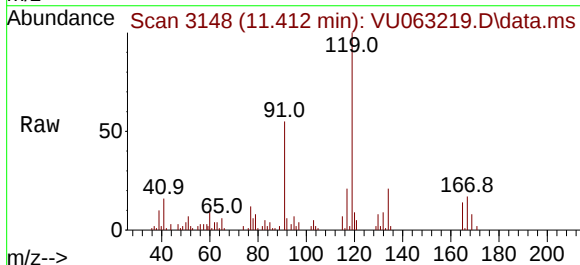
Instrument :
MSVOA_U
ClientSampleId :

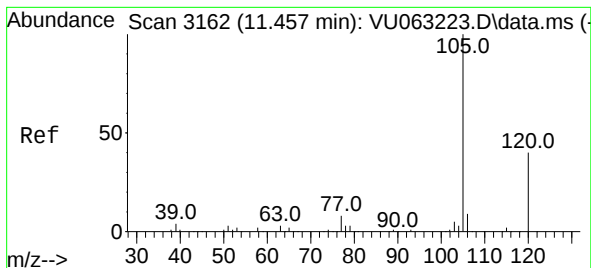
Tgt Ion:126 Resp: 5912
Ion Ratio Lower Upper
126 100
91 326.4 0.0 703.6



#77
tert-Butylbenzene
Concen: 0.412 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. 0.003 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59

Tgt Ion:119 Resp: 21304
Ion Ratio Lower Upper
119 100
91 54.7 29.4 88.3
134 20.4 17.6 26.4





#78

1,2,4-Trimethylbenzene

Concen: 0.349 ug/l

RT: 11.460 min Scan# 3163

Delta R.T. 0.003 min

Lab File: VU063219.D

Acq: 10 Feb 2025 12:59

Instrument :

MSVOA_U

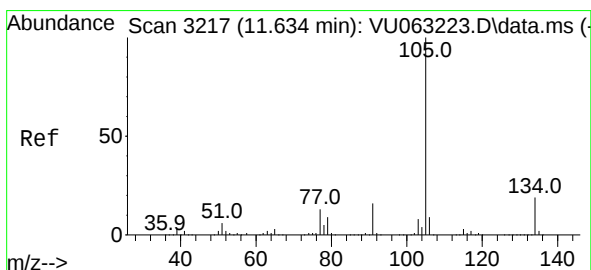
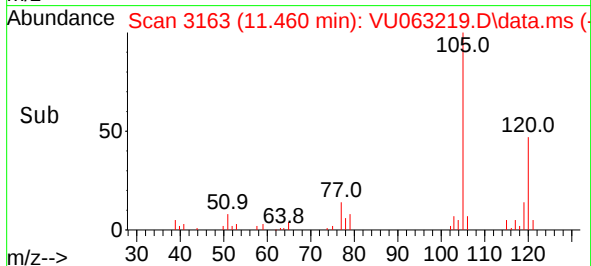
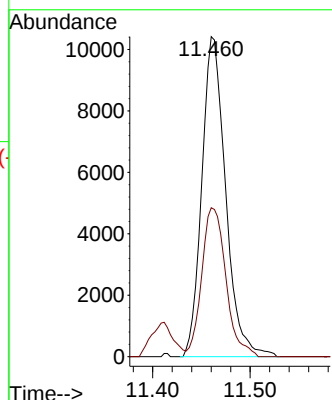
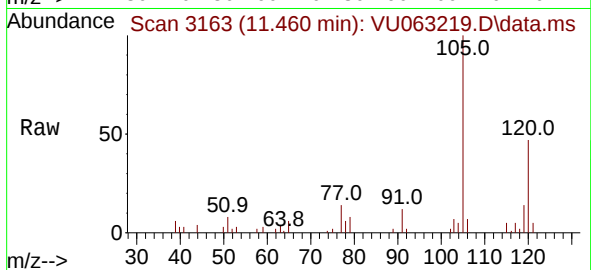
ClientSampleId :

Tgt Ion:105 Resp: 17694

Ion Ratio Lower Upper

105 100

120 47.2 21.9 65.7



#79

sec-Butylbenzene

Concen: 0.385 ug/l

RT: 11.637 min Scan# 3218

Delta R.T. 0.003 min

Lab File: VU063219.D

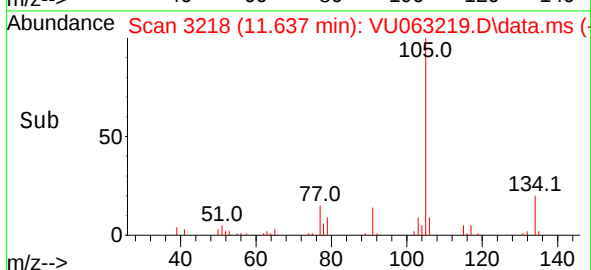
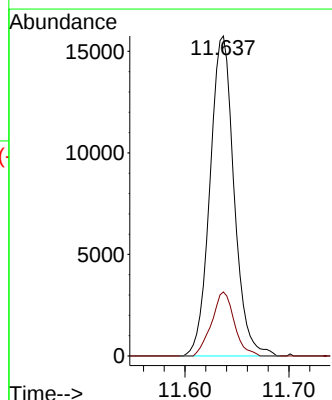
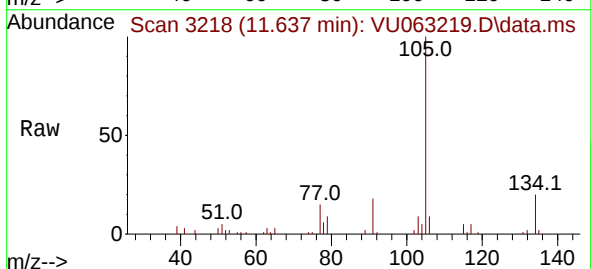
Acq: 10 Feb 2025 12:59

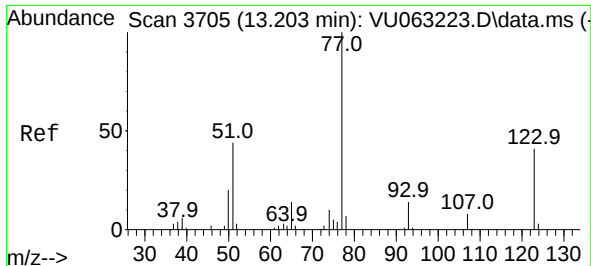
Tgt Ion:105 Resp: 25352

Ion Ratio Lower Upper

105 100

134 18.9 15.1 22.7

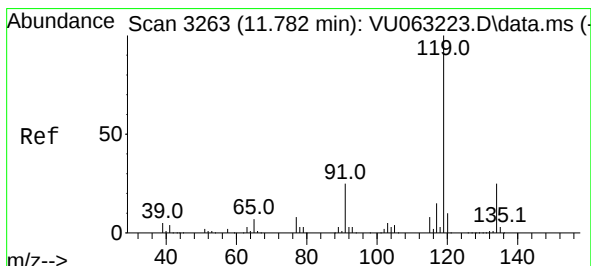
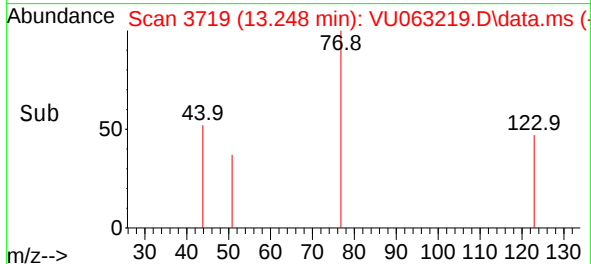
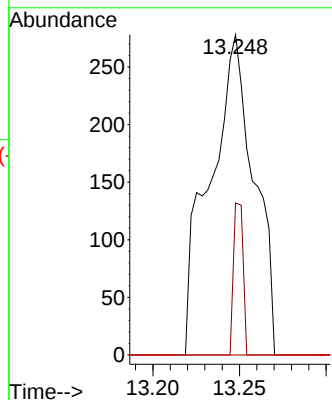
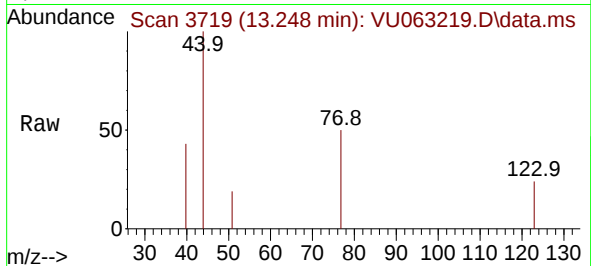




#80
Nitrobenzene
Concen: 4.884 ug/l
RT: 13.248 min Scan# 31
Delta R.T. 0.045 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59

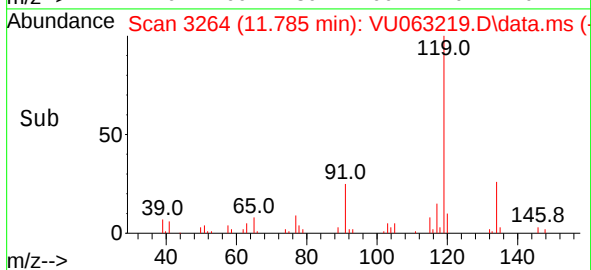
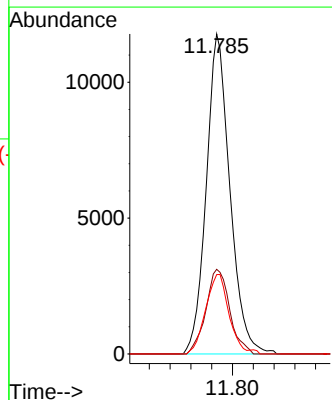
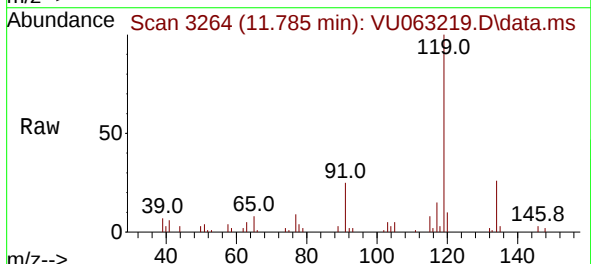
Instrument :
MSVOA_U
ClientSampleId :

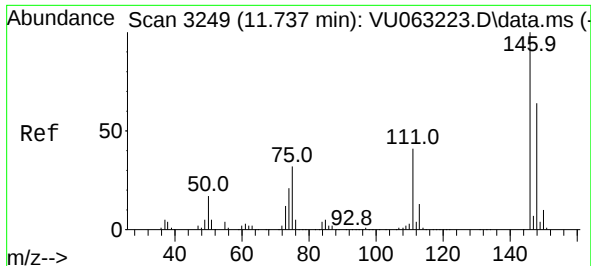
Tgt Ion: 77 Resp: 495
Ion Ratio Lower Upper
77 100
123 10.3 18.9 67.1#
65 0.0 11.9 15.1#



#81
p-Isopropyltoluene
Concen: 0.358 ug/l
RT: 11.785 min Scan# 3264
Delta R.T. 0.003 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59

Tgt Ion: 119 Resp: 18576
Ion Ratio Lower Upper
119 100
134 26.6 20.3 30.5
91 24.7 19.4 29.2





#82

1,3-Dichlorobenzene

Concen: 0.460 ug/l

RT: 11.740 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU063219.D

Acq: 10 Feb 2025 12:59

Instrument :

MSVOA_U

ClientSampleId :

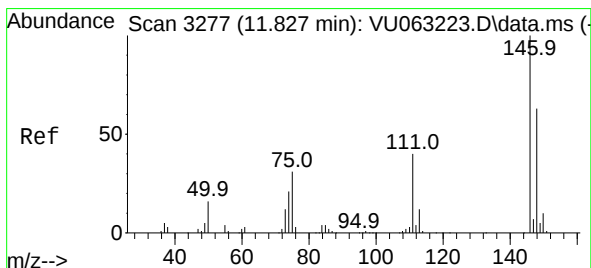
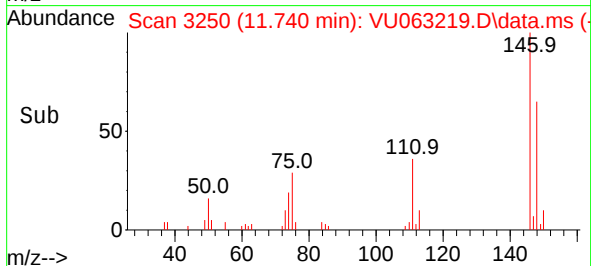
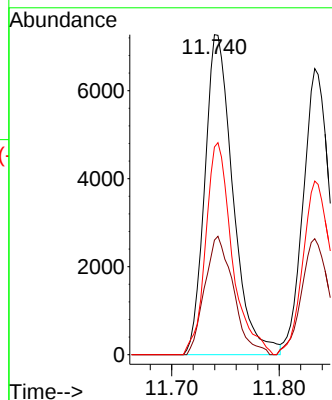
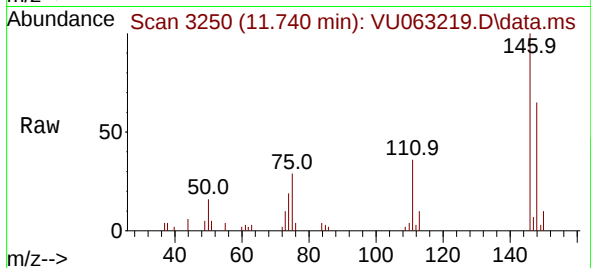
Tgt Ion:146 Resp: 13255

Ion Ratio Lower Upper

146 100

111 37.7 32.8 49.2

148 62.2 51.1 76.7



#83

1,4-Dichlorobenzene

Concen: 0.429 ug/l

RT: 11.833 min Scan# 3279

Delta R.T. 0.006 min

Lab File: VU063219.D

Acq: 10 Feb 2025 12:59

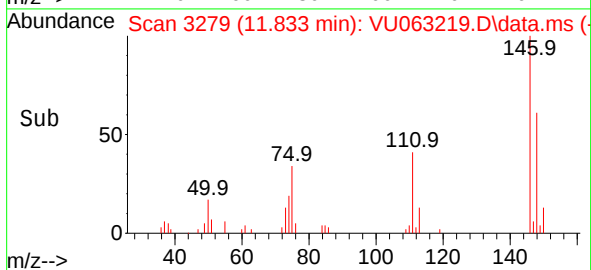
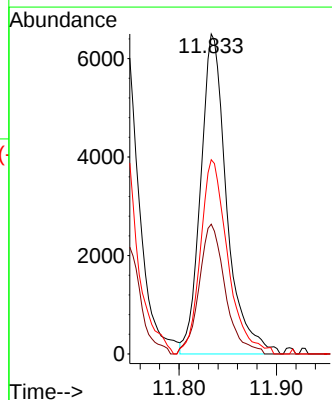
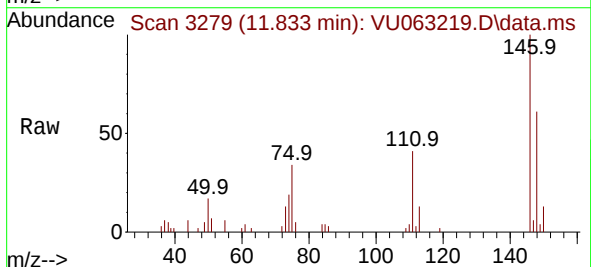
Tgt Ion:146 Resp: 12096

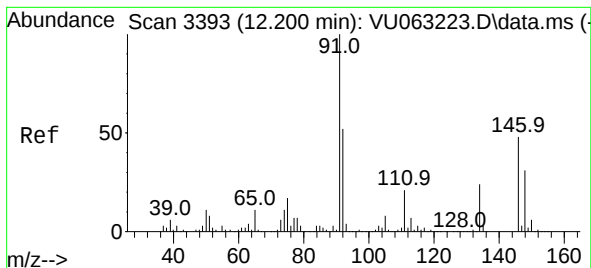
Ion Ratio Lower Upper

146 100

111 40.6 32.1 48.1

148 63.6 50.2 75.4





#84

n-Butylbenzene

Concen: 0.369 ug/l

RT: 12.206 min Scan# 3395

Delta R.T. 0.006 min

Lab File: VU063219.D

Acq: 10 Feb 2025 12:59

Instrument :

MSVOA_U

ClientSampleId :

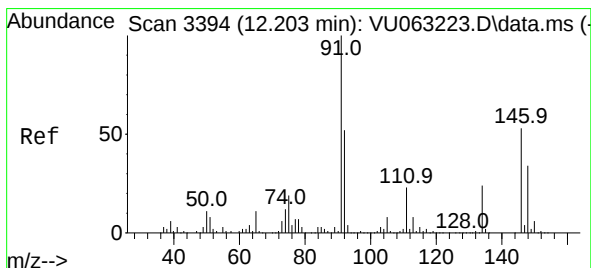
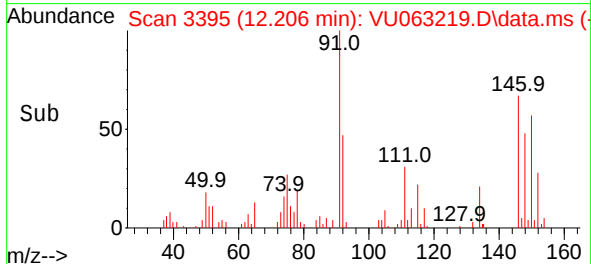
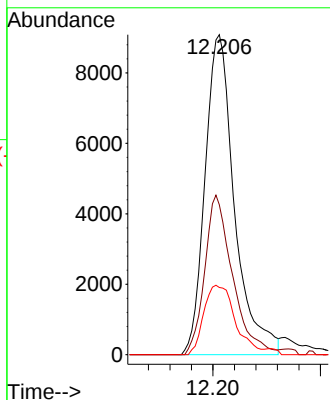
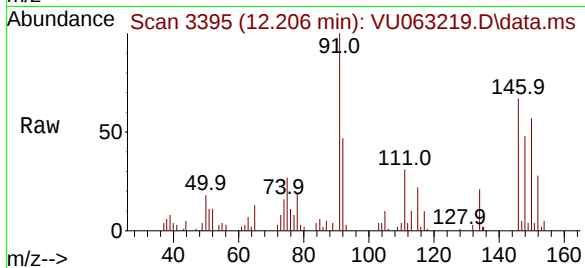
Tgt Ion: 91 Resp: 17297

Ion Ratio Lower Upper

91 100

92 47.1 41.8 62.8

134 23.1 18.6 28.0



#85

1,2-Dichlorobenzene

Concen: 0.433 ug/l

RT: 12.209 min Scan# 3396

Delta R.T. 0.006 min

Lab File: VU063219.D

Acq: 10 Feb 2025 12:59

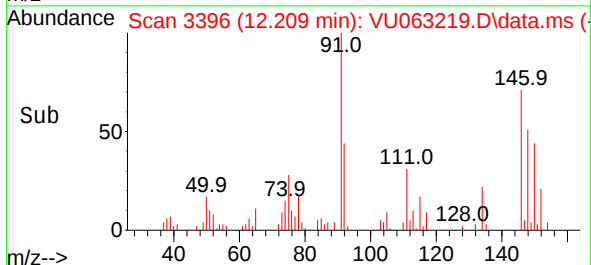
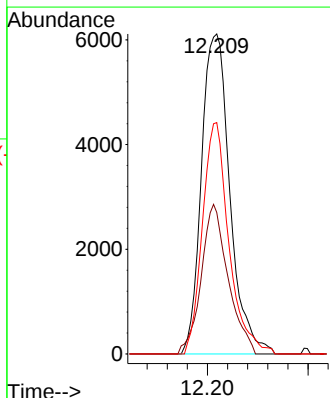
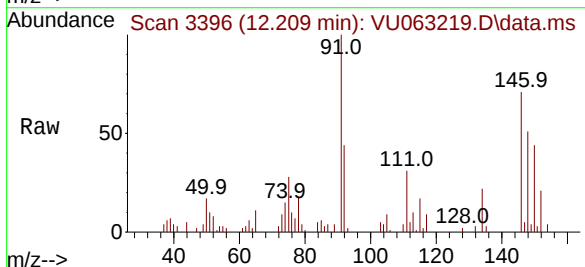
Tgt Ion:146 Resp: 11996

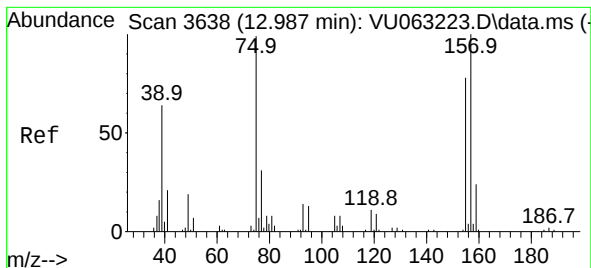
Ion Ratio Lower Upper

146 100

111 44.2 21.9 65.7

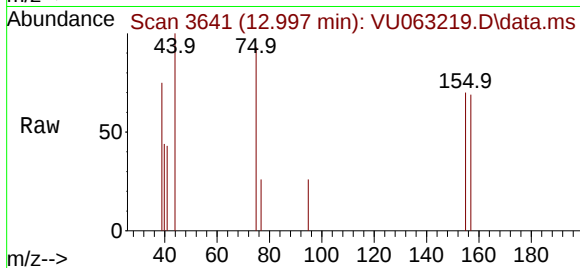
148 67.4 32.3 96.9



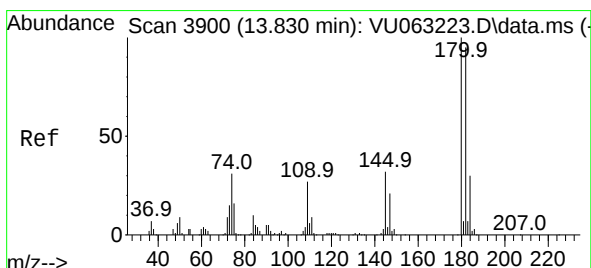
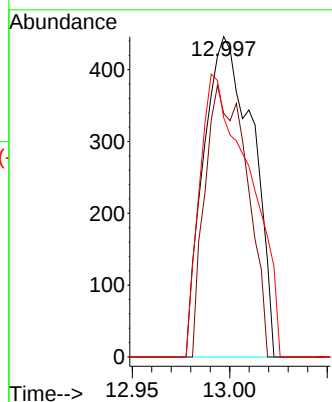
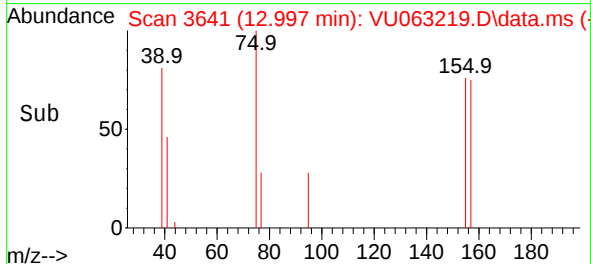


#86
1,2-Dibromo-3-Chloropropane
Concen: 0.376 ug/l
RT: 12.997 min Scan# 3641
Delta R.T. 0.010 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59

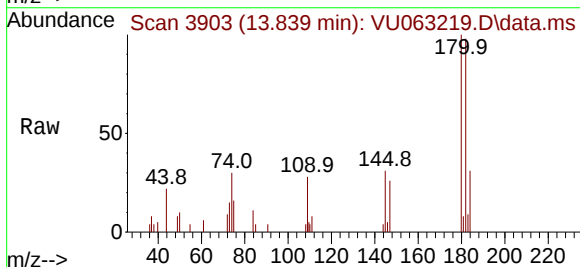
Instrument :
MSVOA_U
ClientSampleId :



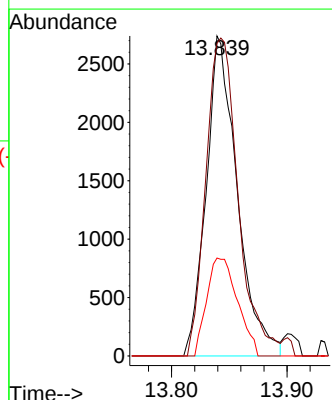
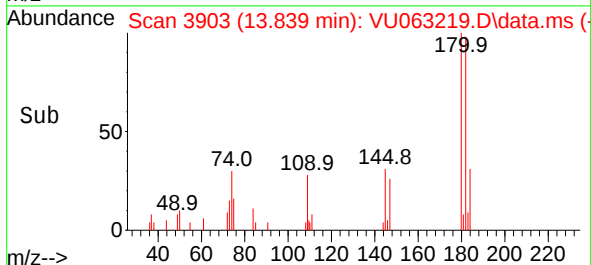
Tgt Ion: 75 Resp: 779
Ion Ratio Lower Upper
75 100
155 72.8 63.5 95.3
157 91.0 81.8 122.6

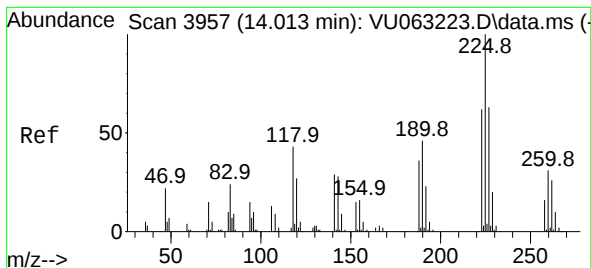


#87
1,2,4-Trichlorobenzene
Concen: 0.380 ug/l
RT: 13.839 min Scan# 3903
Delta R.T. 0.010 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59



Tgt Ion: 180 Resp: 5130
Ion Ratio Lower Upper
180 100
182 103.3 76.6 115.0
145 30.3 25.4 38.2





#88

Hexachlorobutadiene

Concen: 0.482 ug/l

RT: 14.013 min Scan# 3957

Delta R.T. -0.000 min

Lab File: VU063219.D

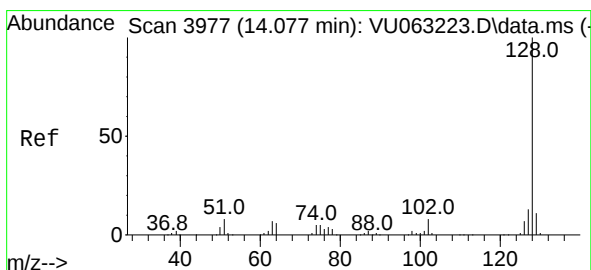
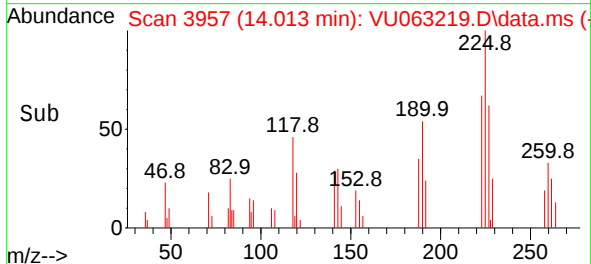
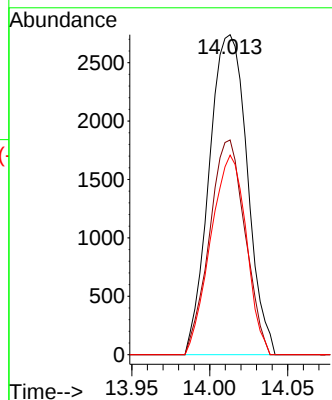
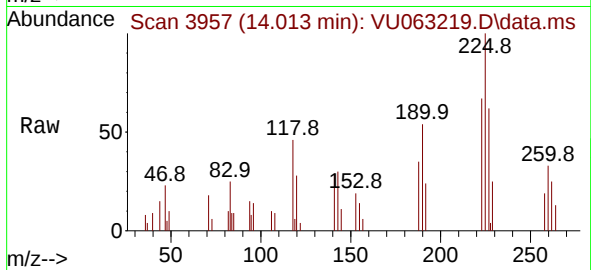
Acq: 10 Feb 2025 12:59

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	225	Resp:	4651
Ion Ratio	Lower	Upper	
225	100		
223	62.8	49.5	74.3
227	58.2	51.0	76.4



#89

Naphthalene

Concen: 0.899 ug/l

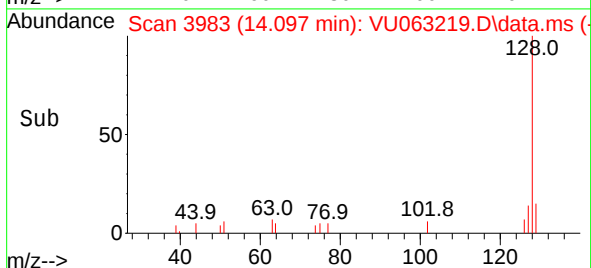
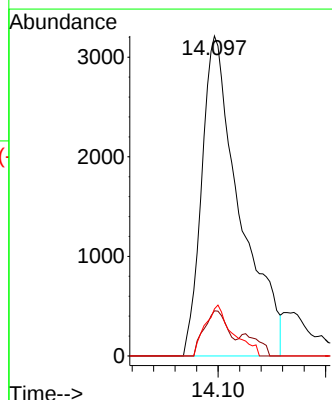
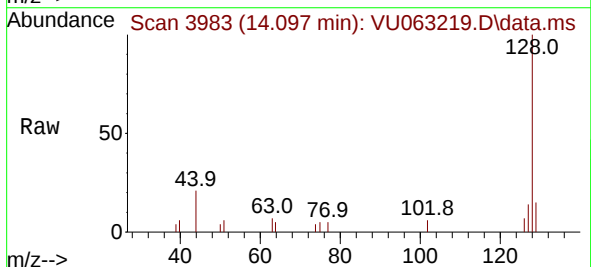
RT: 14.097 min Scan# 3983

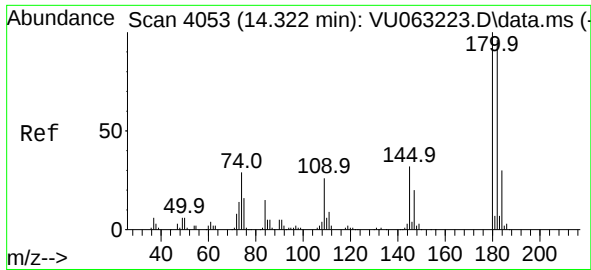
Delta R.T. 0.019 min

Lab File: VU063219.D

Acq: 10 Feb 2025 12:59

Tgt Ion:	128	Resp:	7859
Ion Ratio	Lower	Upper	
128	100		
127	8.9	10.6	16.0#
129	11.5	8.6	13.0





#90

1,2,3-Trichlorobenzene

Concen: 0.412 ug/l

RT: 14.328 min Scan# 4055

Delta R.T. 0.006 min

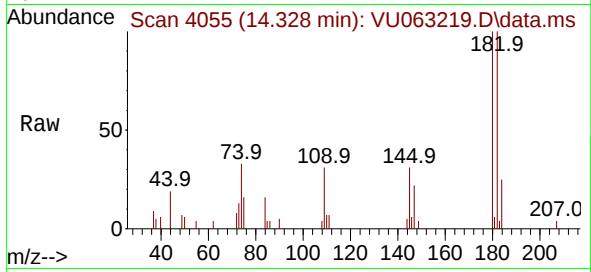
Lab File: VU063219.D

Acq: 10 Feb 2025 12:59

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 5453

Ion Ratio Lower Upper

180 100

182 96.5 78.2 117.2

145 30.3 26.1 39.1

