

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101624\
 Data File : VU061133.D
 Acq On : 16 Oct 2024 10:27
 Operator : MD/SY
 Sample : VSTDIC001
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 17 04:50:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101624DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Oct 17 04:49:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.110	96	29315	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	14367	0.949	ug/l	0.00
Spiked Amount 1.000			Recovery	=	95.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	14079	0.956	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	5402	0.946	ug/l	92
3) Chloromethane	1.515	50	3888	0.993	ug/l	99
4) Vinyl Chloride	1.599	62	4437	0.964	ug/l	96
5) Bromomethane	1.853	94	3190	1.033	ug/l	93
6) Chloroethane	1.927	64	4275	0.891	ug/l	95
7) Trichlorofluoromethane	2.132	101	10609	0.958	ug/l	96
8) 1,1,2-Trichloro-1,2,2-...	2.573	101	6679	0.936	ug/l	97
9) 1,1-Dichloroethene	2.573	96	4847	0.956	ug/l	98
10) Iodomethane	2.718	142	3401	0.742	ug/l	93
11) Allyl Chloride	2.914	41	7817	0.954	ug/l	90
12) Acrylonitrile	3.345	53	3225	1.565	ug/l	# 84
13) Acetone	2.637	43	14312	4.502	ug/l	98
14) Carbon Disulfide	2.788	76	4028	0.995	ug/l	# 93
15) Methylene Chloride	3.039	84	8310	0.953	ug/l	99
16) trans-1,2-Dichloroethene	3.351	96	5471	0.955	ug/l	91
17) 1,1-Dichloroethane	3.859	63	15544	0.905	ug/l	100
18) 2-Butanone	4.724	43	11633	3.214	ug/l	96
19) Cyclohexane	5.377	56	6318	0.875	ug/l	90
20) Methylcyclohexane	6.756	83	8830	0.962	ug/l	98
21) 2,2-Dichloropropane	4.650	77	15588	0.936	ug/l	97
22) cis-1,2-Dichloroethene	4.663	96	9265	0.956	ug/l	96
23) Diethyl Ether	2.370	59	5360	0.965	ug/l	87
24) tert-Butyl Alcohol	3.210	59	9297	9.972	ug/l	# 89
25) Methyl tert-Butyl Ether	3.354	73	23784	0.932	ug/l	95
26) Bromochloromethane	4.972	128	4017	0.994	ug/l	85
27) Chloroform	5.078	83	19618	0.950	ug/l	96
28) 1,1,1-Trichloroethane	5.306	97	15552	0.952	ug/l	98
29) 1,1-Dichloropropene	5.518	75	8790	0.928	ug/l	96
30) Carbon Tetrachloride	5.518	117	11444	0.909	ug/l	98
31) Isopropyl Ether	3.984	45	26238	0.935	ug/l	100
32) Ethyl-t-butyl ether	4.489	59	27801	0.937	ug/l	99
33) Tert-Amyl methyl ether	5.930	73	25846	0.937	ug/l	99
34) Propionitrile	4.804	54	2479	2.943	ug/l	# 92
35) Benzene	5.769	78	31214	0.939	ug/l	100
36) 1,2-Dichloroethane	5.791	62	10442	0.911	ug/l	97
37) Trichloroethene	6.537	130	8818	0.957	ug/l	99
38) 1,2-Dichloropropane	6.782	63	10685	0.967	ug/l	98
39) Methacrylonitrile	4.984	41	1170	0.409	ug/l	# 61
40) Methyl acrylate	4.846	55	55	0.011	ug/l	# 69
41) Tetrahydrofuran	5.068	42	2599	1.688	ug/l	90
42) 1-Chlorobutane	5.451	56	12817	0.959	ug/l	93
43) Dibromomethane	6.917	93	4793	0.932	ug/l	96
44) Bromodichloromethane	7.097	83	14599	0.936	ug/l	97

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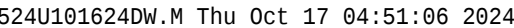
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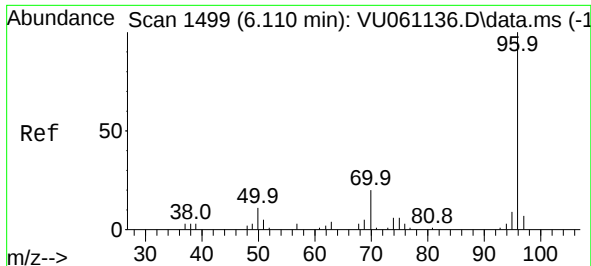
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Oct 17 04:49:29 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.785	43	30492	4.523	ug/l	98
46) t-1,4-Dichloro-2-butene	10.817	75	11204	3.885	ug/l #	50
47) Methyl methacrylate	6.962	69	8806	1.675	ug/l	87
48) Ethyl methacrylate	8.332	69	9896	0.902	ug/l	90
49) Toluene	7.965	92	21387	0.947	ug/l	95
50) t-1,3-Dichloropropene	8.209	75	12223	0.890	ug/l	96
51) cis-1,3-Dichloropropene	7.605	75	14624	0.915	ug/l	96
52) 1,1,2-Trichloroethane	8.393	97	7787	0.894	ug/l	95
53) 1,3-Dichloropropane	8.569	76	13106	0.929	ug/l	99
54) 2-Hexanone	8.682	43	25714	4.336	ug/l	98
55) Dibromochloromethane	8.804	129	9943	0.945	ug/l	97
56) 1,2-Dibromoethane	8.917	107	6731	0.917	ug/l	94
58) Tetrachloroethene	8.547	164	7565	0.939	ug/l	94
59) Chlorobenzene	9.441	112	26504	0.905	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.528	131	10517	0.921	ug/l	97
61) Pentachloroethane	11.418	117	7998	0.909	ug/l	99
62) Hexachloroethane	12.466	117	7917	0.863	ug/l	98
63) Ethyl Benzene	9.563	91	45684	0.913	ug/l	98
64) m/p-Xylenes	9.685	106	33950	1.823	ug/l	98
65) o-Xylene	10.094	106	17741	0.901	ug/l	95
66) Styrene	10.110	104	27994	0.892	ug/l	99
67) Bromoform	10.283	173	4923	0.870	ug/l	99
69) Isopropylbenzene	10.476	105	48513	0.906	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.772	83	10485	0.915	ug/l	95
71) 1,2,3-Trichloropropane	10.817	75	11204	1.257	ug/l #	83
72) Bromobenzene	10.778	156	10502	0.897	ug/l	98
73) n-propylbenzene	10.901	120	12508	0.895	ug/l	96
74) 2-Chlorotoluene	10.978	126	11567	0.911	ug/l	99
75) 1,3,5-Trimethylbenzene	11.081	105	40226	0.895	ug/l	100
76) 4-Chlorotoluene	11.093	126	11575	0.899	ug/l	95
77) tert-Butylbenzene	11.412	119	42005	0.898	ug/l	98
78) 1,2,4-Trimethylbenzene	11.460	105	40690	0.887	ug/l	99
79) sec-Butylbenzene	11.637	105	55256	0.914	ug/l	99
80) Nitrobenzene	13.235	77	797	6.359	ug/l #	83
81) p-Isopropyltoluene	11.785	119	43400	0.885	ug/l	99
82) 1,3-Dichlorobenzene	11.740	146	21981	0.891	ug/l	99
83) 1,4-Dichlorobenzene	11.833	146	22145	0.903	ug/l	99
84) n-Butylbenzene	12.203	91	40015	0.847	ug/l	100
85) 1,2-Dichlorobenzene	12.206	146	21580	0.908	ug/l	100
86) 1,2-Dibromo-3-Chloropr...	12.994	75	1412	0.791	ug/l	92
87) 1,2,4-Trichlorobenzene	13.836	180	11343	0.800	ug/l	99
88) Hexachlorobutadiene	14.013	225	7362	0.934	ug/l	95
89) Naphthalene	14.090	128	18297	0.768	ug/l	98
90) 1,2,3-Trichlorobenzene	14.325	180	9775	0.814	ug/l	97

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

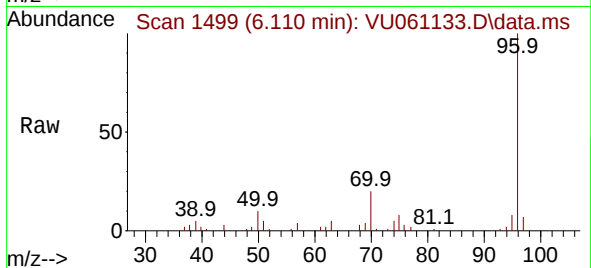
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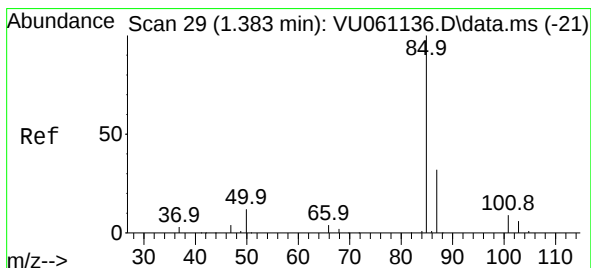
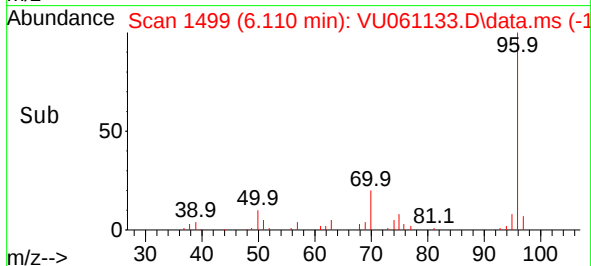
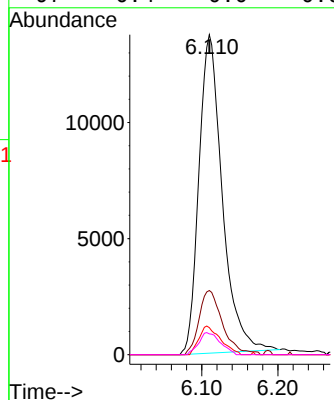


#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 1499
Delta R.T. -0.000 min
Lab File: VU061133.D
Acq: 16 Oct 2024 10:27

Instrument :
MSVOA_U
ClientSampleId :

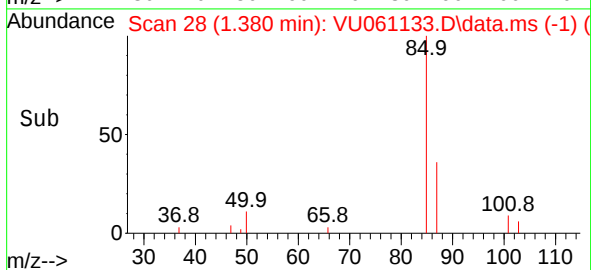
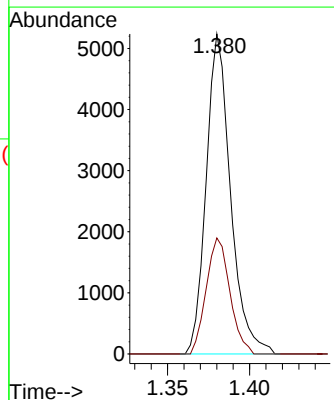
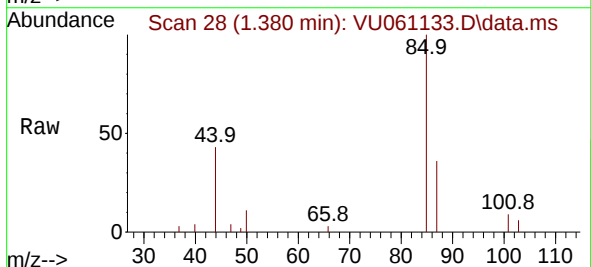


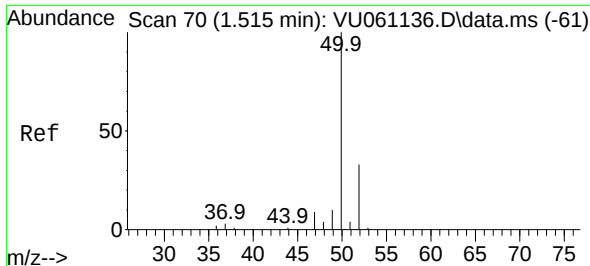
Tgt Ion: 96	Resp: 29315
Ion Ratio	Lower Upper
96	100
70	20.2 16.5 24.7
95	8.2 7.3 10.9
97	6.4 0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 0.946 ug/l
RT: 1.380 min Scan# 28
Delta R.T. -0.003 min
Lab File: VU061133.D
Acq: 16 Oct 2024 10:27

Tgt Ion: 85	Resp: 5402
Ion Ratio	Lower Upper
85	100
87	36.3 16.0 47.9

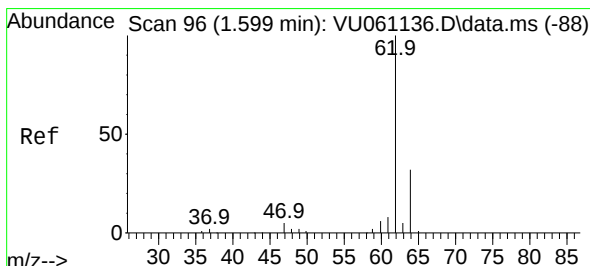
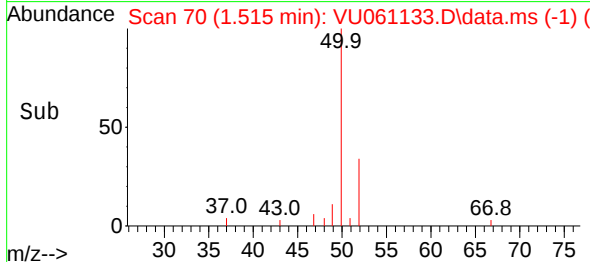
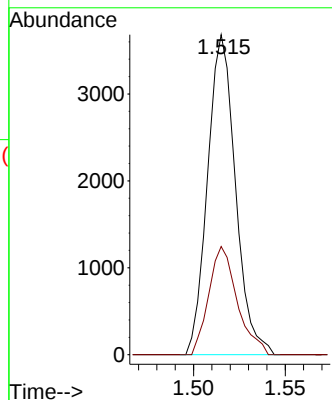
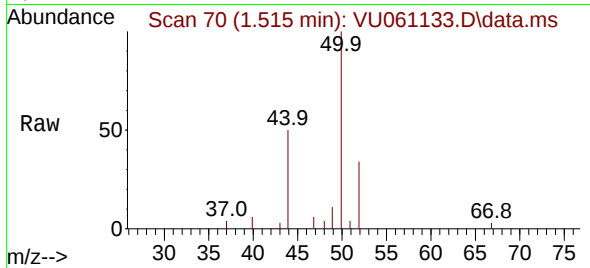




#3
Chloromethane
Concen: 0.993 ug/l
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU061133.D
Acq: 16 Oct 2024 10:27

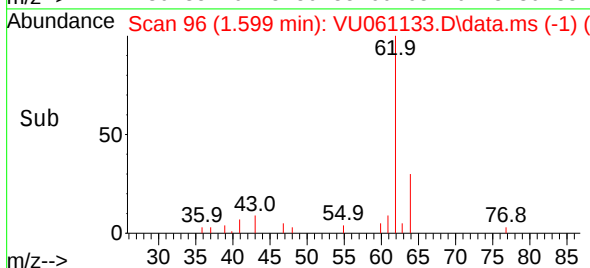
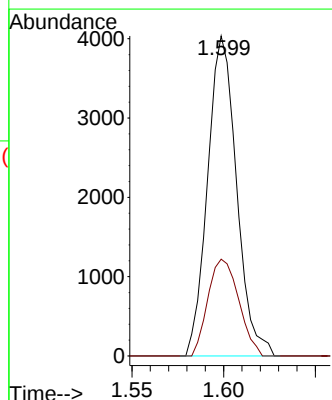
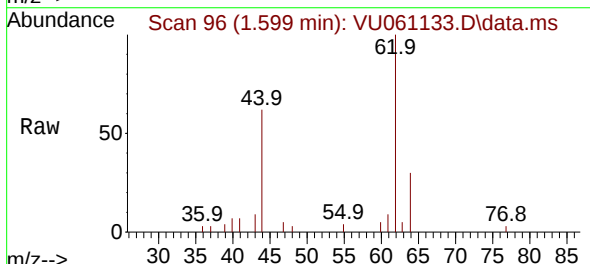
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MSVOA_U
ClientSampleId :

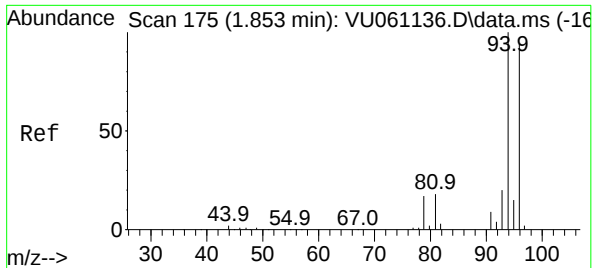
Tgt Ion: 50 Resp: 3888
Ion Ratio Lower Upper
50 100
52 33.8 26.8 40.2



#4
Vinyl Chloride
Concen: 0.964 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU061133.D
Acq: 16 Oct 2024 10:27

Tgt Ion: 62 Resp: 4437
Ion Ratio Lower Upper
62 100
64 30.2 25.9 38.9

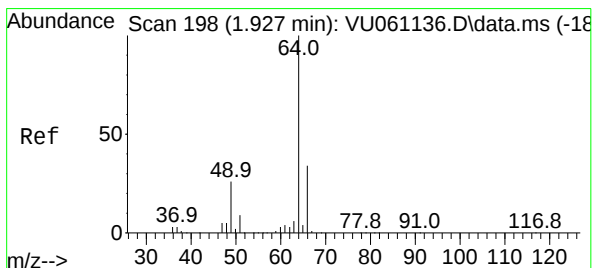
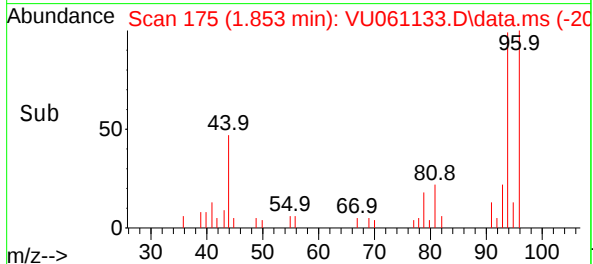
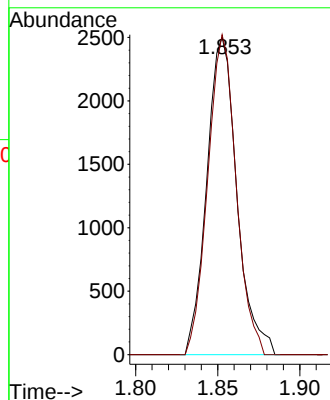
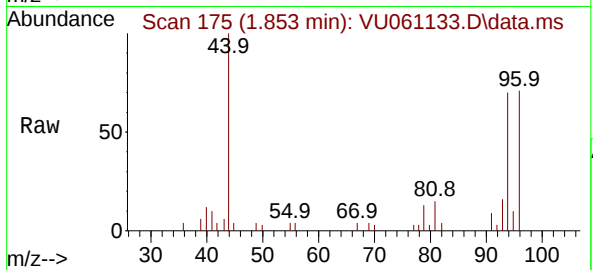




#5
Bromomethane
Concen: 1.033 ug/l
RT: 1.853 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU061133.D
Acq: 16 Oct 2024 10:27

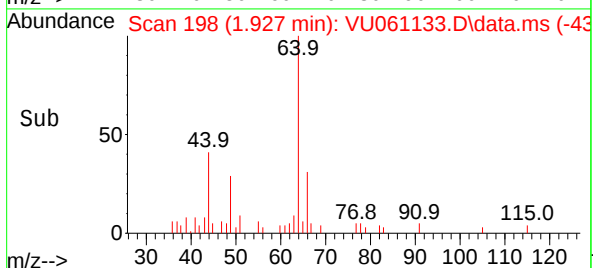
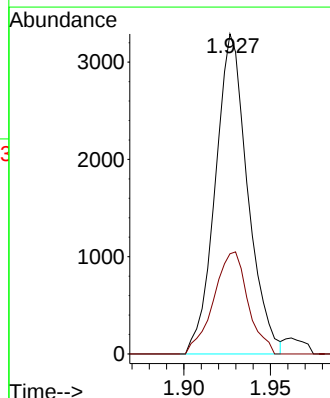
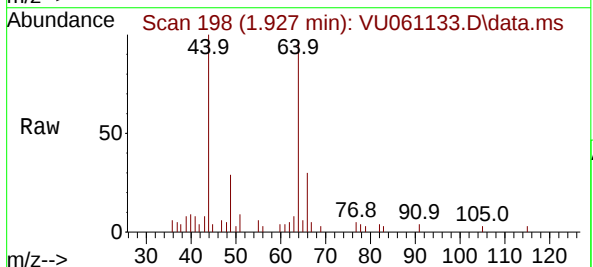
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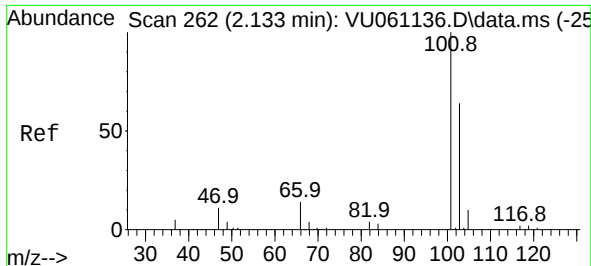
Tgt Ion: 94 Resp: 3190
Ion Ratio Lower Upper
94 100
96 100.8 75.4 113.2



#6
Chloroethane
Concen: 0.891 ug/l
RT: 1.927 min Scan# 198
Delta R.T. -0.000 min
Lab File: VU061133.D
Acq: 16 Oct 2024 10:27

Tgt Ion: 64 Resp: 4275
Ion Ratio Lower Upper
64 100
66 31.3 27.3 40.9

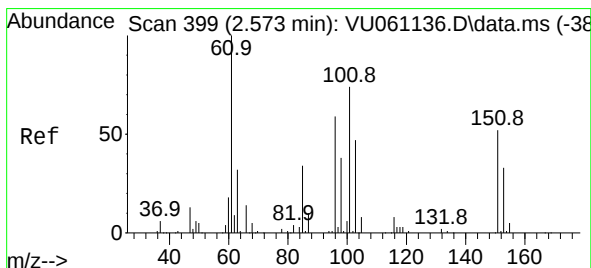
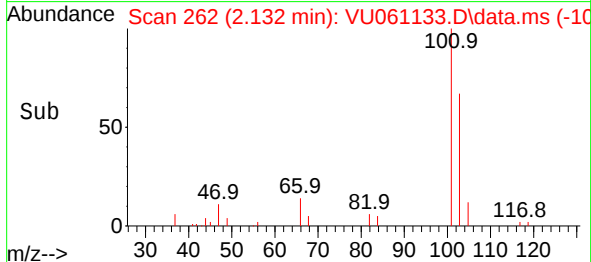
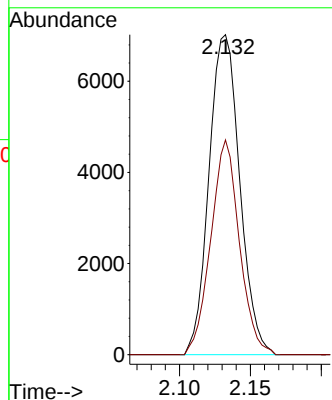
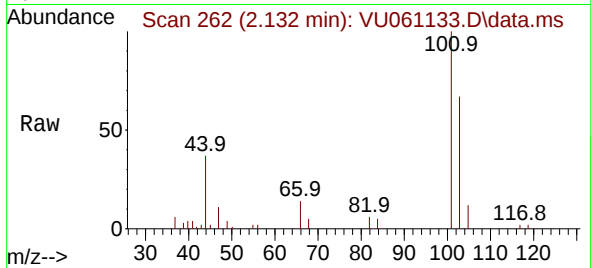




#7
 Trichlorofluoromethane
 Concen: 0.958 ug/l
 RT: 2.132 min Scan# 213
 Delta R.T. -0.000 min
 Lab File: VU061133.D
 Acq: 16 Oct 2024 10:27

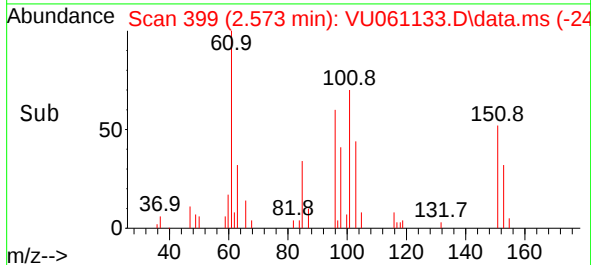
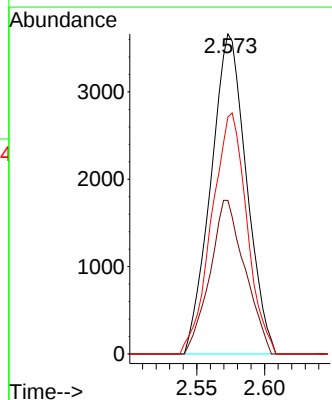
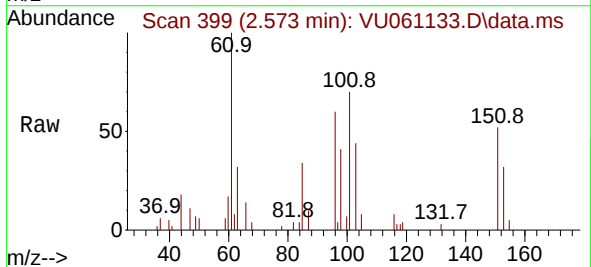
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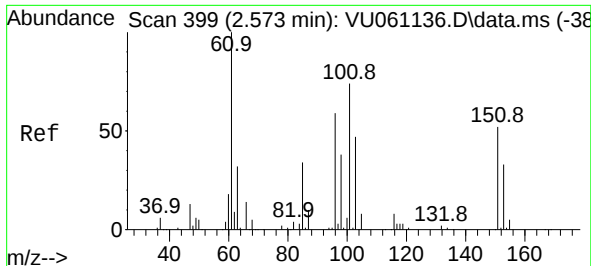
Tgt Ion:101 Resp: 10609
 Ion Ratio Lower Upper
 101 100
 103 67.1 51.1 76.7



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.936 ug/l
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU061133.D
 Acq: 16 Oct 2024 10:27

Tgt Ion:101 Resp: 6679
 Ion Ratio Lower Upper
 101 100
 85 47.2 37.2 55.8
 151 74.7 57.0 85.6

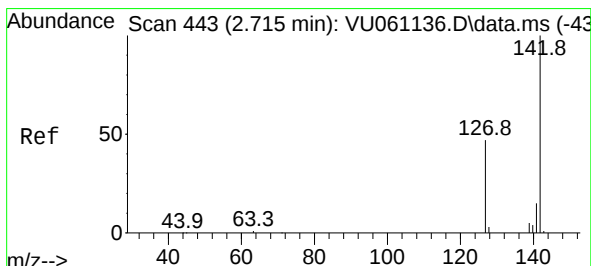
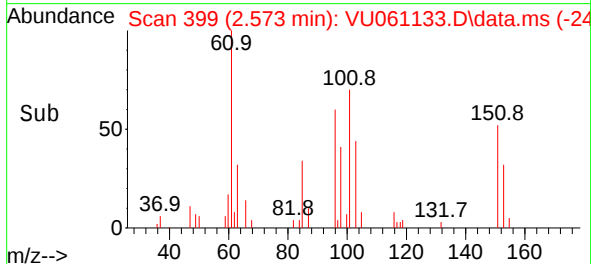
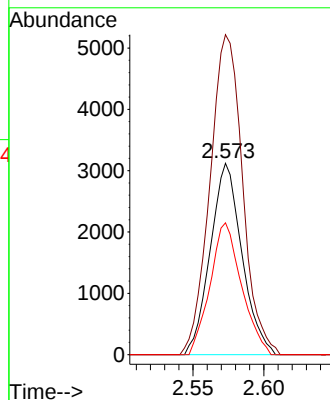
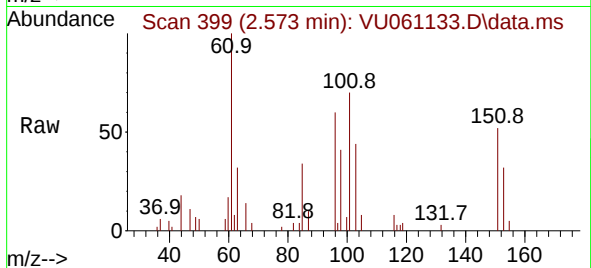




#9
1,1-Dichloroethene
Concen: 0.956 ug/l
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU061133.D
Acq: 16 Oct 2024 10:27

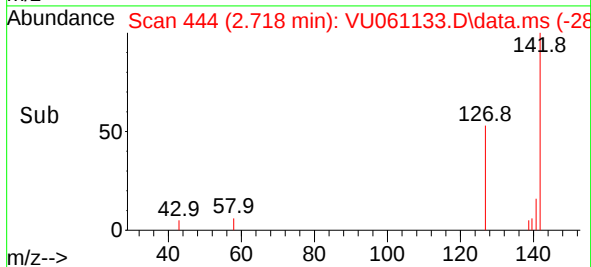
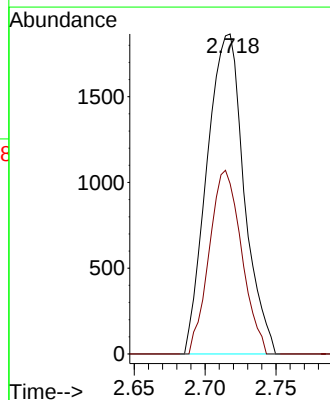
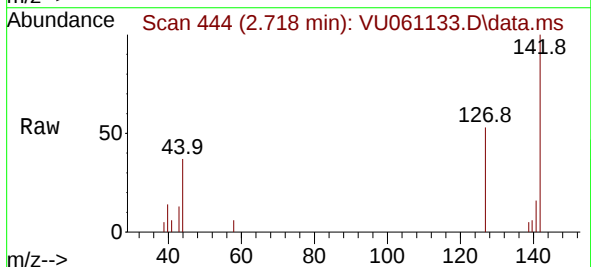
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ClientSampleId :

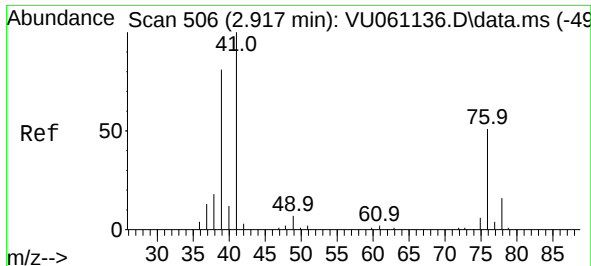
Tgt Ion: 96 Resp: 4847
Ion Ratio Lower Upper
96 100
61 167.2 0.0 505.5
98 68.9 0.0 128.6



#10
Iodomethane
Concen: 0.742 ug/l
RT: 2.718 min Scan# 444
Delta R.T. 0.003 min
Lab File: VU061133.D
Acq: 16 Oct 2024 10:27

Tgt Ion: 142 Resp: 3401
Ion Ratio Lower Upper
142 100
127 50.0 36.2 54.4





#11

Allyl Chloride

Concen: 0.954 ug/l

RT: 2.914 min Scan# 506

Delta R.T. -0.003 min

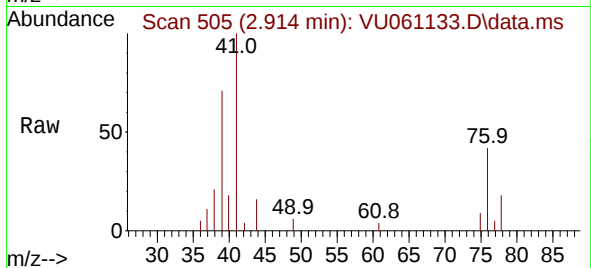
Lab File: VU061133.D

Acq: 16 Oct 2024 10:27

Instrument :

MSVOA_U

ClientSampleId :

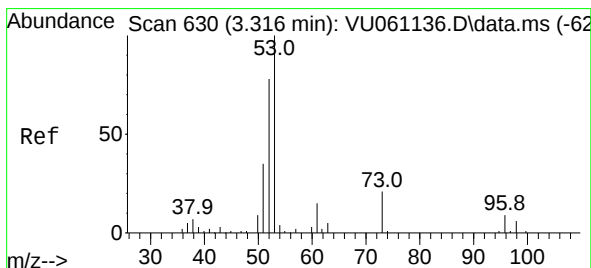
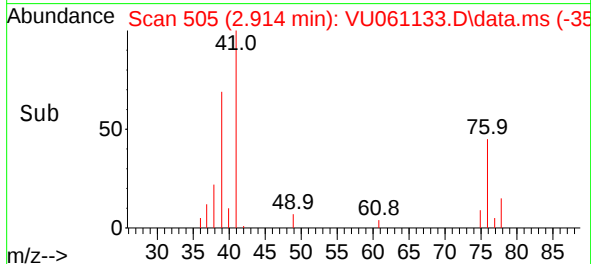
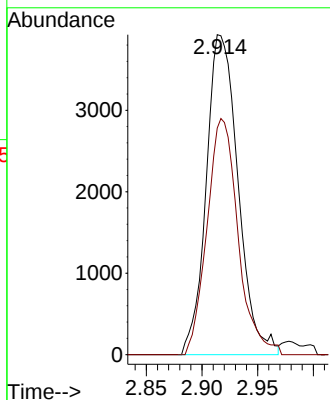


Tgt Ion: 41 Resp: 7817

Ion Ratio Lower Upper

41 100

39 71.8 64.5 96.7



#12

Acrylonitrile

Concen: 1.565 ug/l

RT: 3.345 min Scan# 639

Delta R.T. 0.029 min

Lab File: VU061133.D

Acq: 16 Oct 2024 10:27

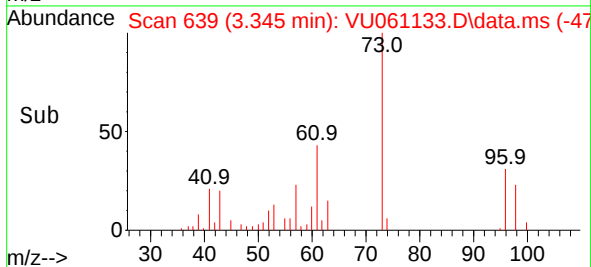
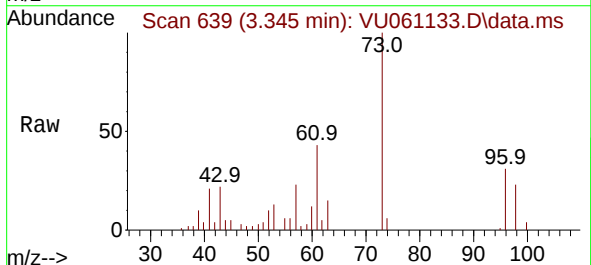
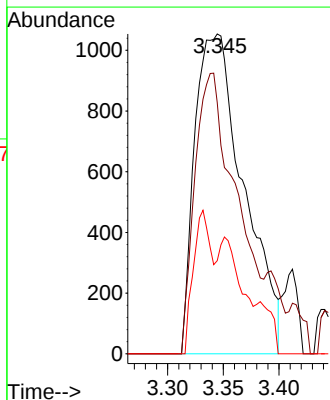
Tgt Ion: 53 Resp: 3225

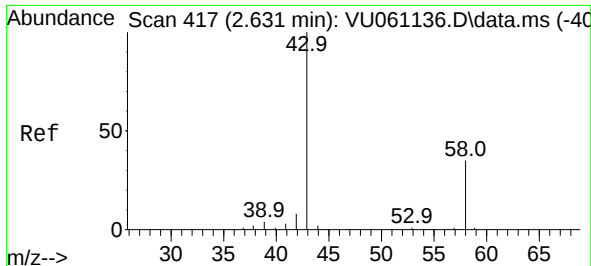
Ion Ratio Lower Upper

53 100

52 75.3 61.8 92.6

51 9.2 29.4 44.2#





#13

Acetone

Concen: 4.502 ug/l

RT: 2.637 min Scan# 41

Delta R.T. 0.006 min

Lab File: VU061133.D

Acq: 16 Oct 2024 10:27

Instrument :

MSVOA_U

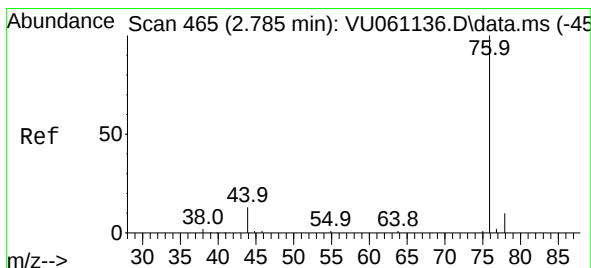
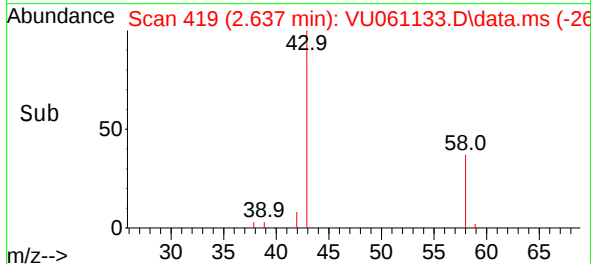
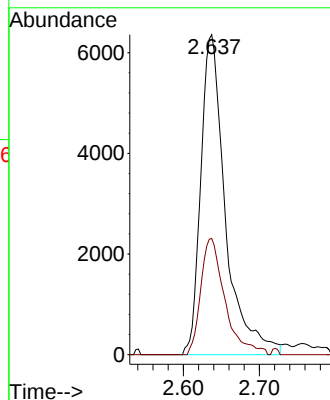
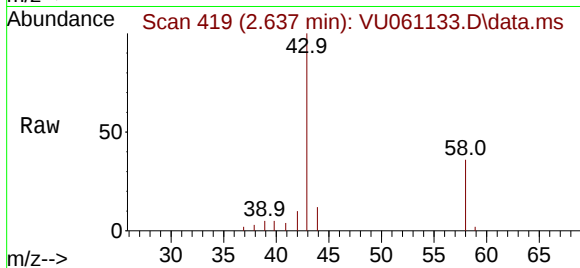
ClientSampleId :

Tgt Ion: 43 Resp: 14312

Ion Ratio Lower Upper

43 100

58 36.3 28.2 42.2



#14

Carbon Disulfide

Concen: 0.995 ug/l

RT: 2.788 min Scan# 466

Delta R.T. 0.003 min

Lab File: VU061133.D

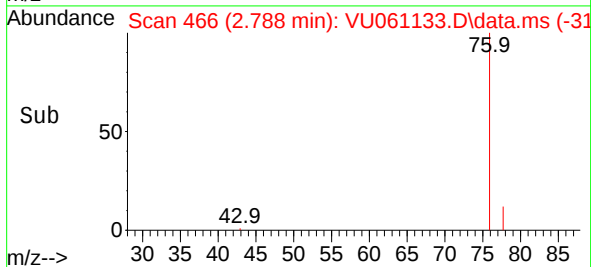
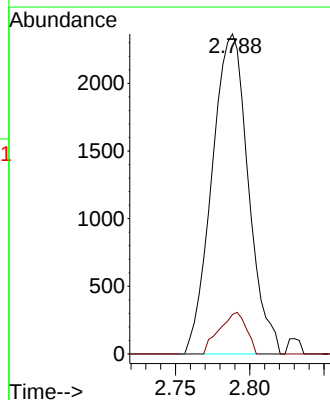
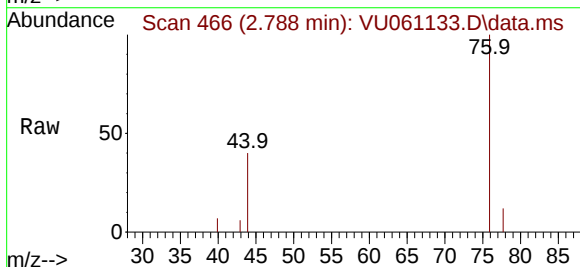
Acq: 16 Oct 2024 10:27

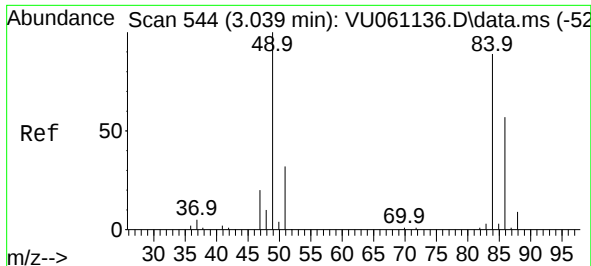
Tgt Ion: 76 Resp: 4028

Ion Ratio Lower Upper

76 100

78 12.3 7.8 11.6#





#15

Methylene Chloride

Concen: 0.953 ug/l

RT: 3.039 min Scan# 544

Delta R.T. -0.000 min

Lab File: VU061133.D

Acq: 16 Oct 2024 10:27

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 84 Resp: 8310

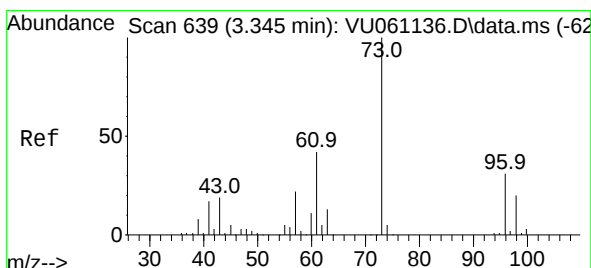
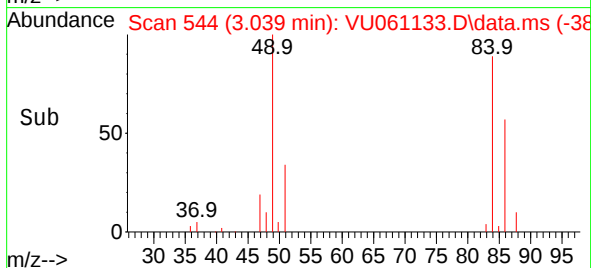
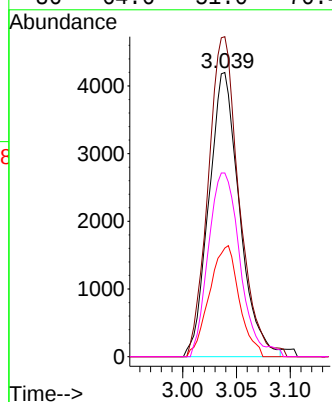
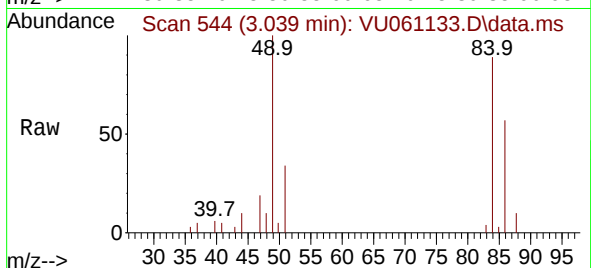
Ion Ratio Lower Upper

84 100

49 112.6 89.9 134.9

51 38.2 0.0 72.0

86 64.6 51.0 76.4



#16

trans-1,2-Dichloroethene

Concen: 0.955 ug/l

RT: 3.351 min Scan# 641

Delta R.T. 0.006 min

Lab File: VU061133.D

Acq: 16 Oct 2024 10:27

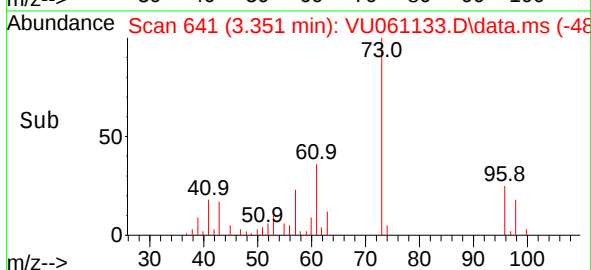
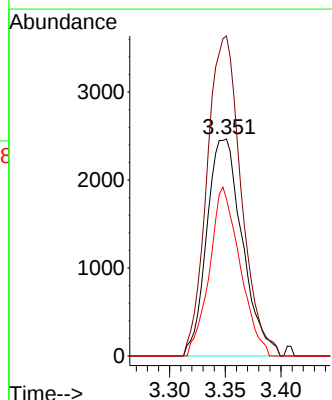
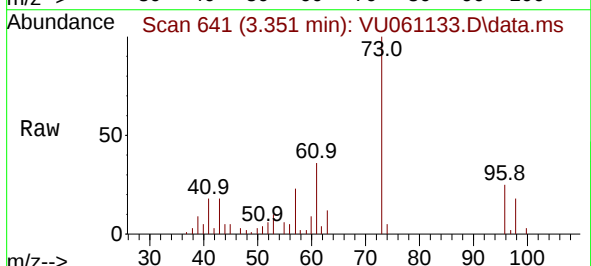
Tgt Ion: 96 Resp: 5471

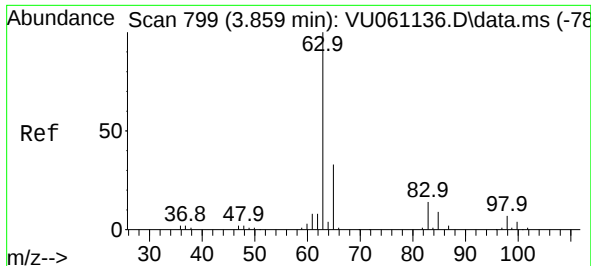
Ion Ratio Lower Upper

96 100

61 147.5 109.1 163.7

98 72.5 51.8 77.6

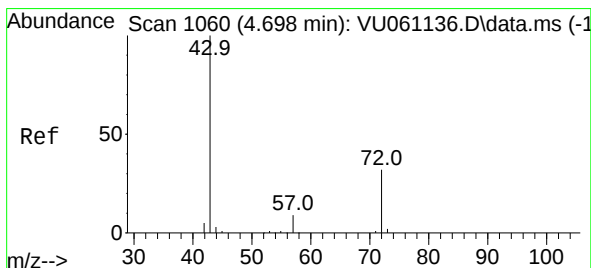
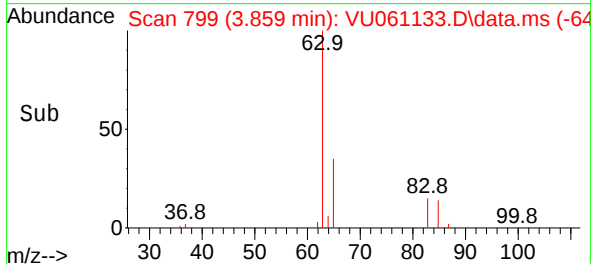
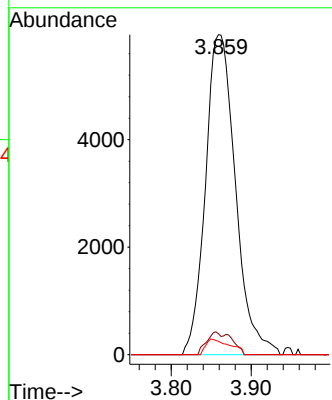
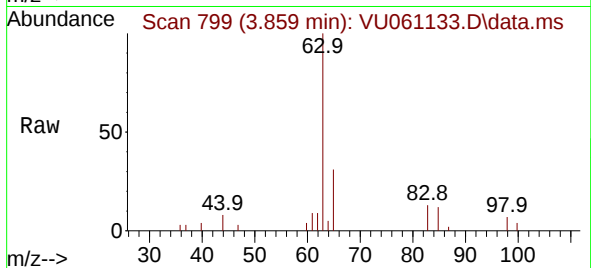




#17
1,1-Dichloroethane
Concen: 0.905 ug/l
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU061133.D
Acq: 16 Oct 2024 10:27

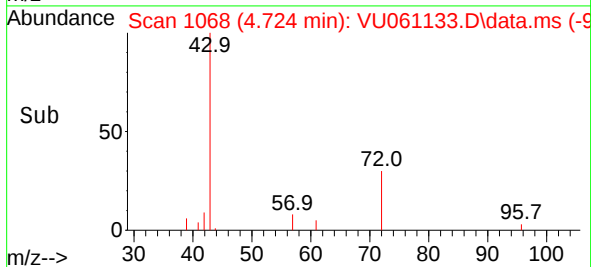
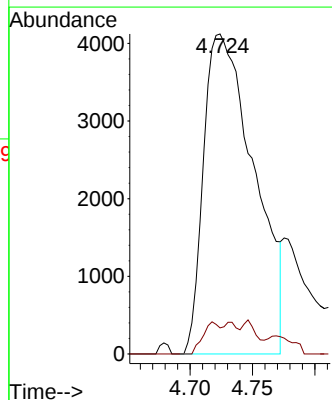
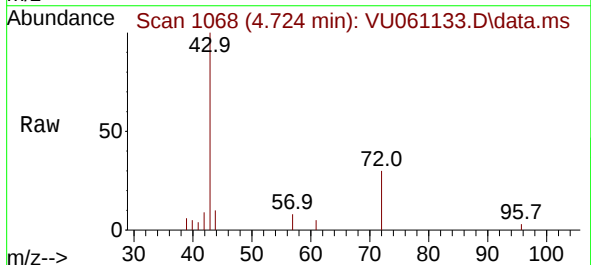
Instrument :
MSVOA_U
ClientSampleId :

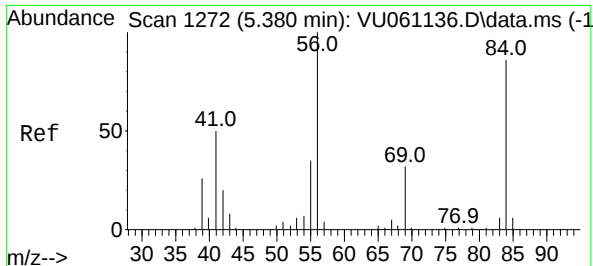
Tgt Ion:	63	Resp:	15544
Ion Ratio	Lower	Upper	
63	100		
98	6.6	3.3	9.9
100	4.2	2.1	6.5



#18
2-Butanone
Concen: 3.214 ug/l
RT: 4.724 min Scan# 1068
Delta R.T. 0.026 min
Lab File: VU061133.D
Acq: 16 Oct 2024 10:27

Tgt Ion:	43	Resp:	11633
Ion Ratio	Lower	Upper	
43	100		
57	8.1	0.0	19.0





#19

Cyclohexane

Concen: 0.875 ug/l

RT: 5.377 min Scan# 1700

Delta R.T. -0.003 min

Lab File: VU061133.D

Acq: 16 Oct 2024 10:27

Instrument :

MSVOA_U

ClientSampleId :

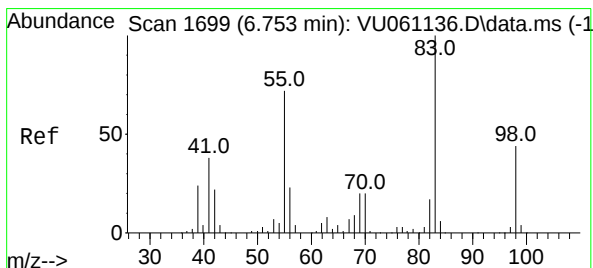
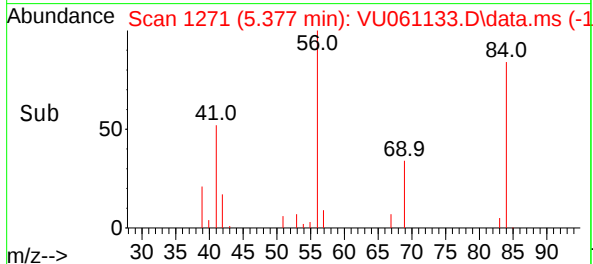
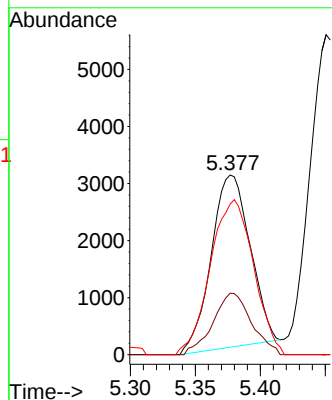
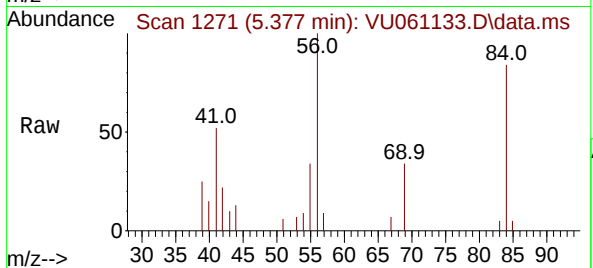
Tgt Ion: 56 Resp: 6318

Ion Ratio Lower Upper

56 100

69 35.2 25.8 38.8

84 99.3 70.4 105.6



#20

Methylcyclohexane

Concen: 0.962 ug/l

RT: 6.756 min Scan# 1700

Delta R.T. 0.003 min

Lab File: VU061133.D

Acq: 16 Oct 2024 10:27

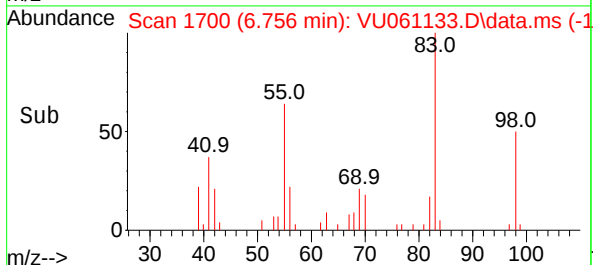
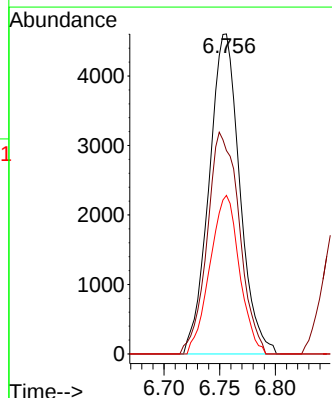
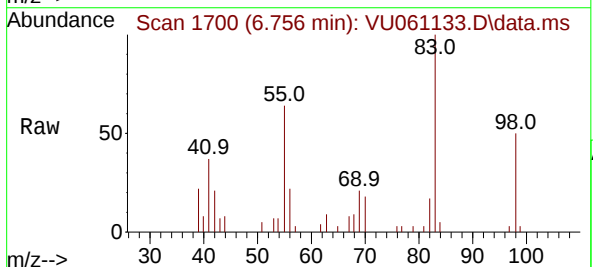
Tgt Ion: 83 Resp: 8830

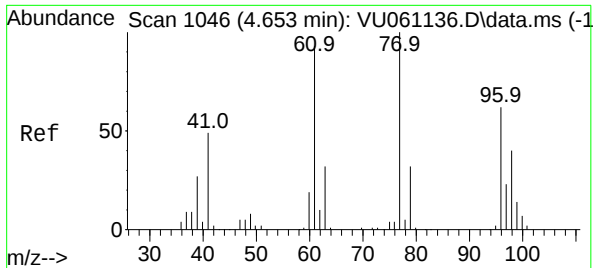
Ion Ratio Lower Upper

83 100

55 72.3 56.7 85.1

98 47.7 36.9 55.3

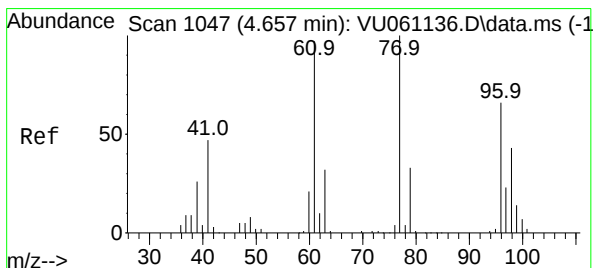
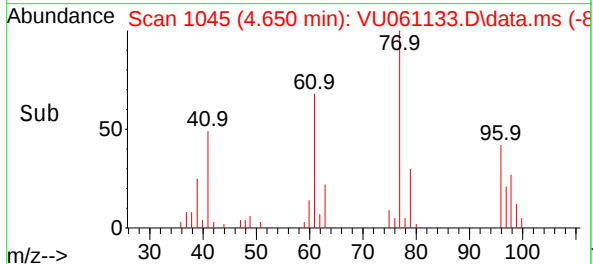
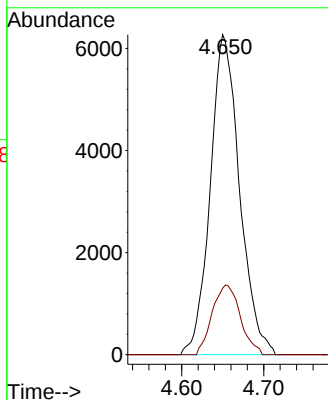
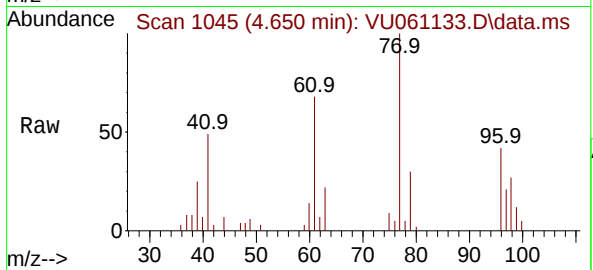




#21
2,2-Dichloropropane
Concen: 0.936 ug/l
RT: 4.650 min Scan# 1045
Delta R.T. -0.003 min
Lab File: VU061133.D
Acq: 16 Oct 2024 10:27

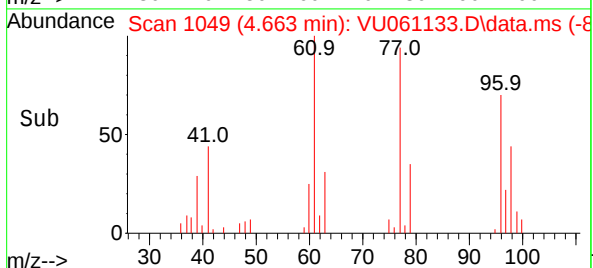
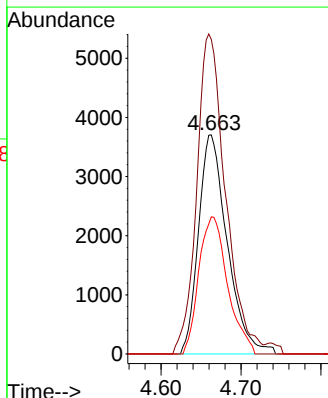
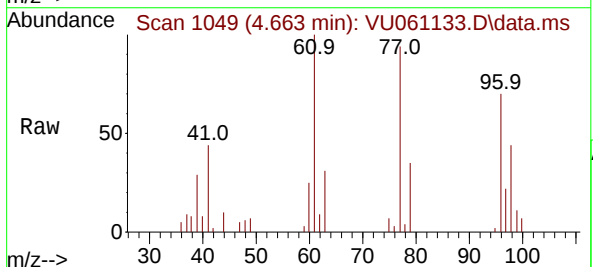
Instrument :
MSVOA_U
ClientSampleId :

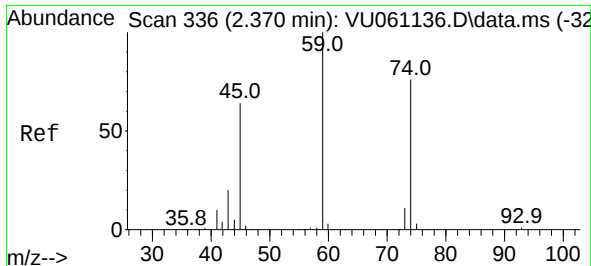
Tgt Ion: 77 Resp: 15588
Ion Ratio Lower Upper
77 100
97 20.9 17.8 26.6



#22
cis-1,2-Dichloroethene
Concen: 0.956 ug/l
RT: 4.663 min Scan# 1049
Delta R.T. 0.006 min
Lab File: VU061133.D
Acq: 16 Oct 2024 10:27

Tgt Ion: 96 Resp: 9265
Ion Ratio Lower Upper
96 100
61 146.2 0.0 377.8
98 62.7 32.5 97.5





#23

Diethyl Ether

Concen: 0.965 ug/l

RT: 2.370 min Scan# 336

Delta R.T. -0.000 min MSVOA_U

Lab File: VU061133.D

Acq: 16 Oct 2024 10:27

Instrument :

MSVOA_U

ClientSampleId :

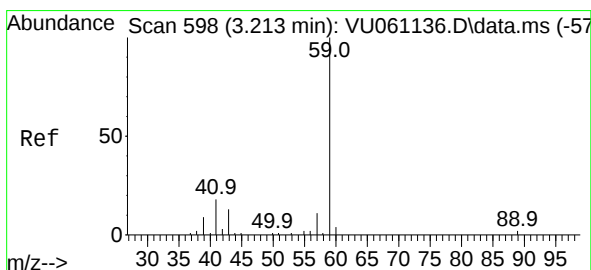
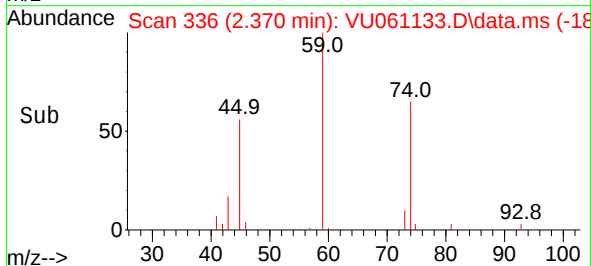
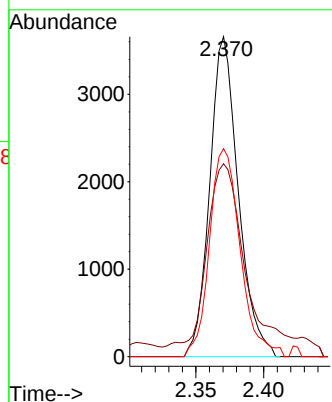
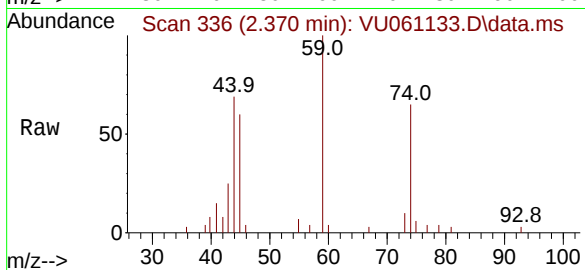
Tgt Ion: 59 Resp: 5360

Ion Ratio Lower Upper

59 100

45 88.2 58.9 88.3

74 69.9 61.4 92.2



#24

tert-Butyl Alcohol

Concen: 9.972 ug/l

RT: 3.210 min Scan# 597

Delta R.T. -0.003 min

Lab File: VU061133.D

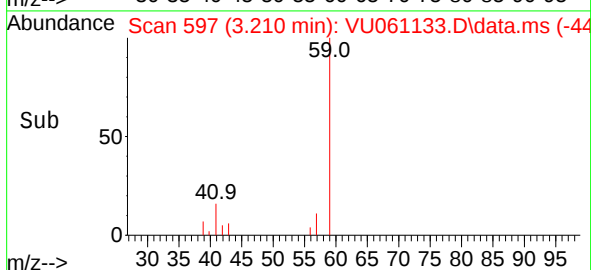
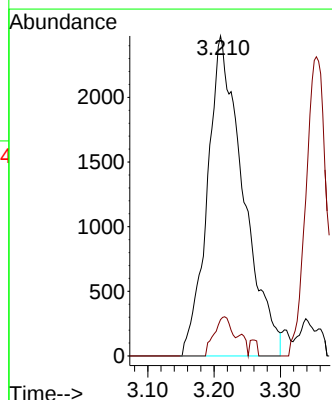
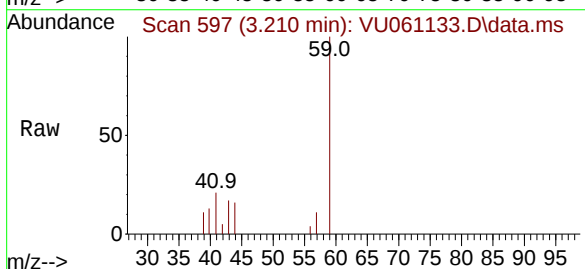
Acq: 16 Oct 2024 10:27

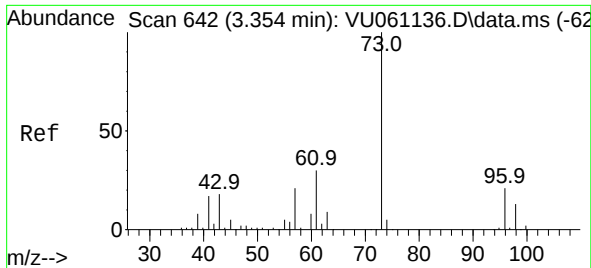
Tgt Ion: 59 Resp: 9297

Ion Ratio Lower Upper

59 100

57 6.0 8.0 12.0#

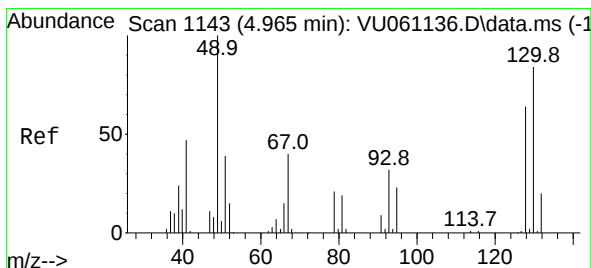
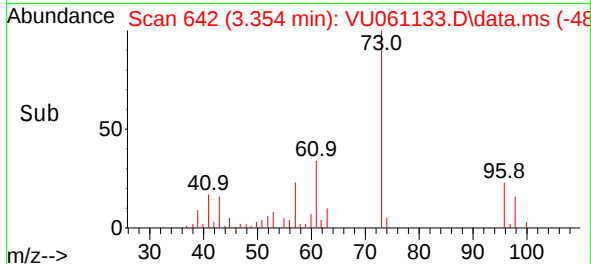
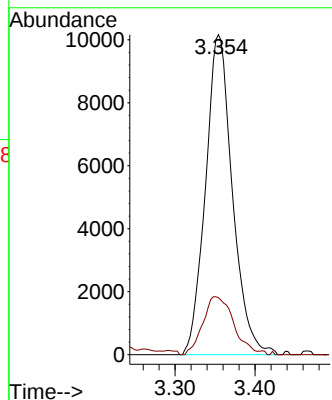
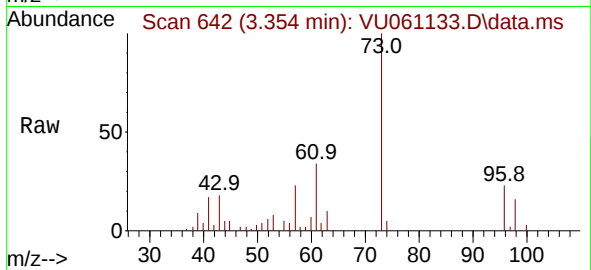




#25
Methyl tert-Butyl Ether
Concen: 0.932 ug/l
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU061133.D
Acq: 16 Oct 2024 10:27

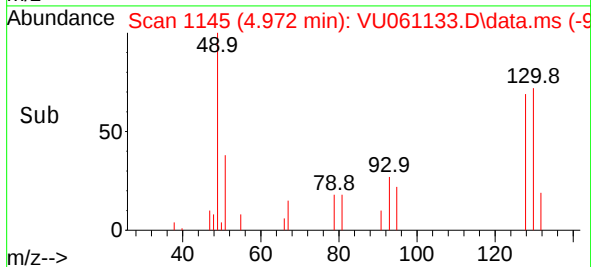
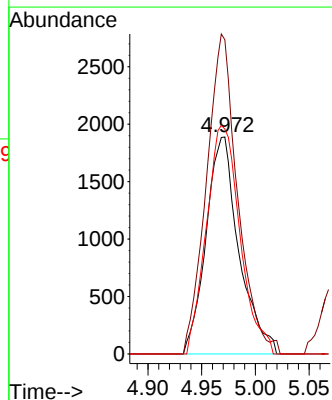
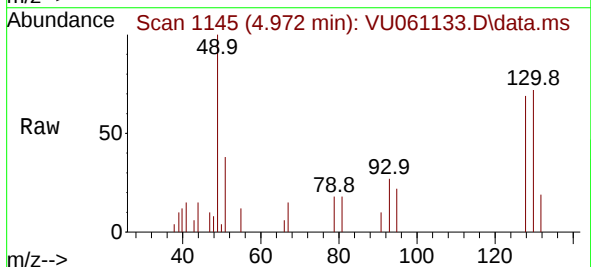
Instrument :
MSVOA_U
ClientSampleId :

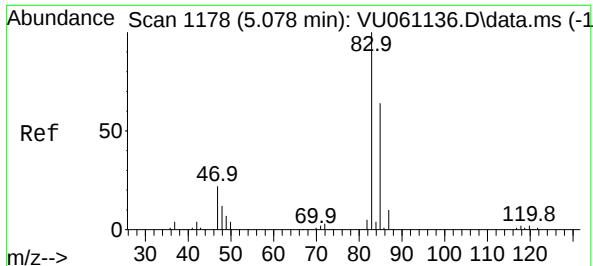
Tgt Ion: 73 Resp: 23784
Ion Ratio Lower Upper
73 100
43 20.8 14.8 22.2



#26
Bromochloromethane
Concen: 0.994 ug/l
RT: 4.972 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VU061133.D
Acq: 16 Oct 2024 10:27

Tgt Ion: 128 Resp: 4017
Ion Ratio Lower Upper
128 100
49 140.3 0.0 307.0
130 107.6 104.7 157.1

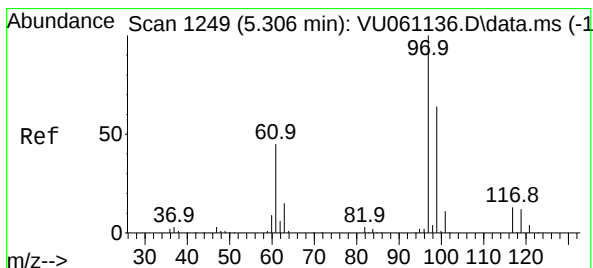
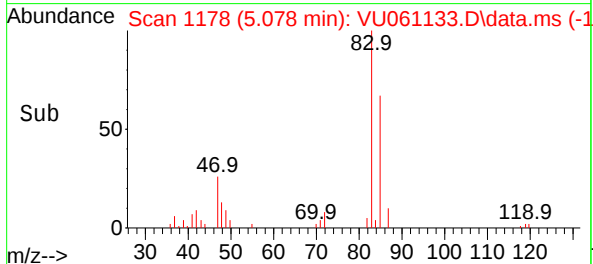
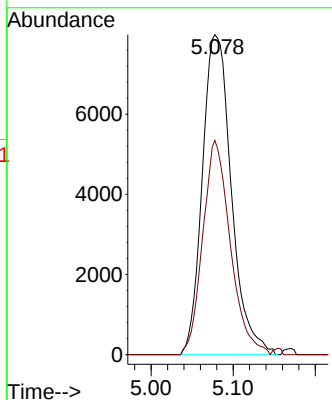
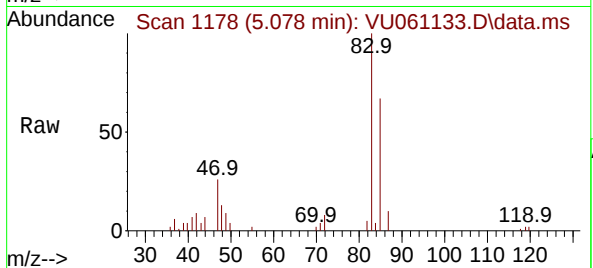




#27
Chloroform
Concen: 0.950 ug/l
RT: 5.078 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VU061133.D
Acq: 16 Oct 2024 10:27

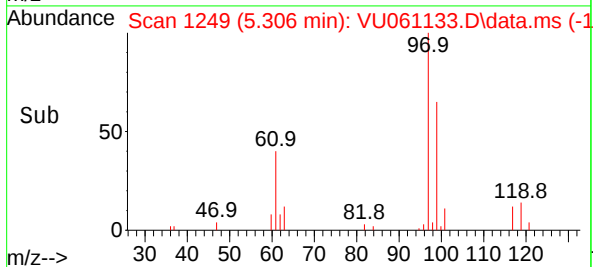
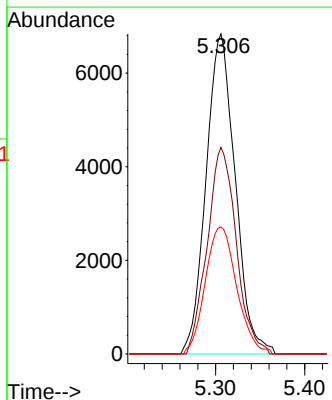
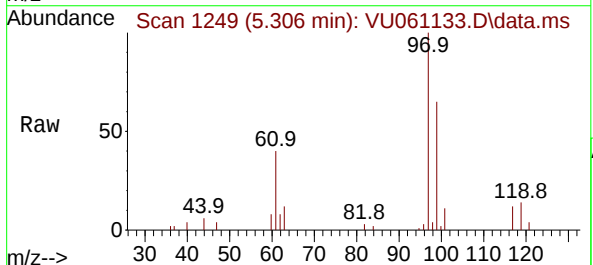
Instrument :
MSVOA_U
ClientSampleId :

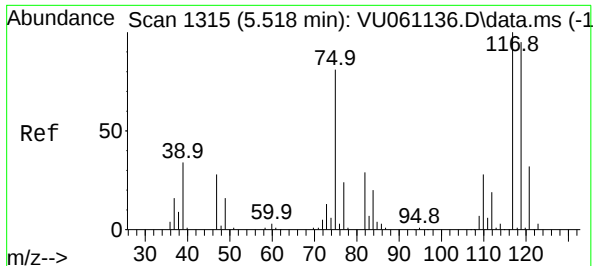
Tgt Ion: 83 Resp: 19618
Ion Ratio Lower Upper
83 100
85 66.9 0.0 128.2



#28
1,1,1-Trichloroethane
Concen: 0.952 ug/l
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU061133.D
Acq: 16 Oct 2024 10:27

Tgt Ion: 97 Resp: 15552
Ion Ratio Lower Upper
97 100
99 64.3 32.6 97.7
61 42.8 22.3 66.8

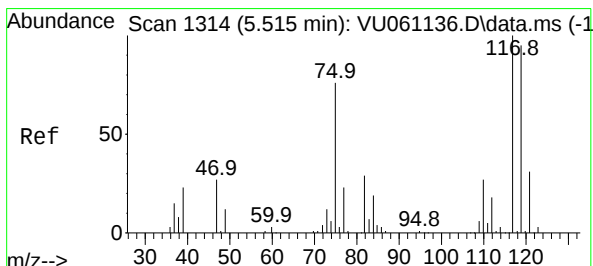
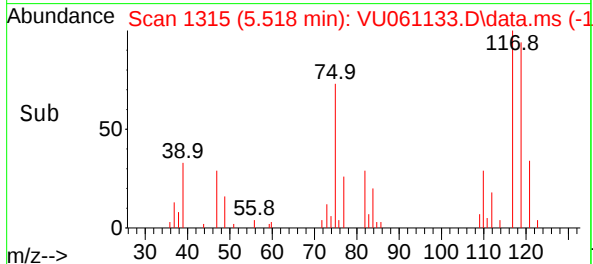
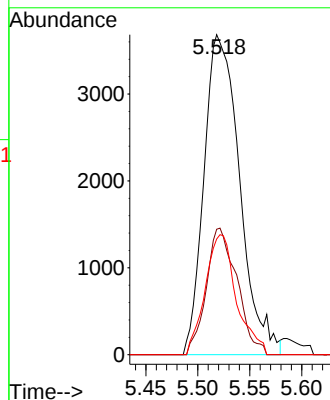
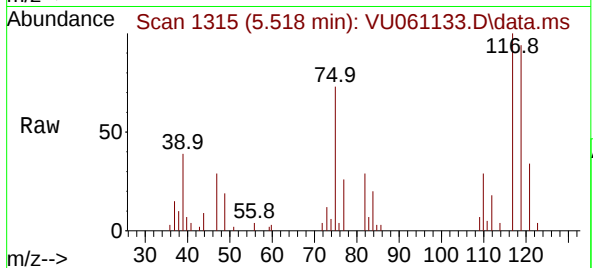




#29
1,1-Dichloropropene
Concen: 0.928 ug/l
RT: 5.518 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VU061133.D
Acq: 16 Oct 2024 10:27

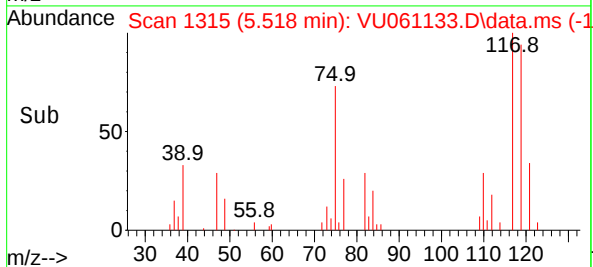
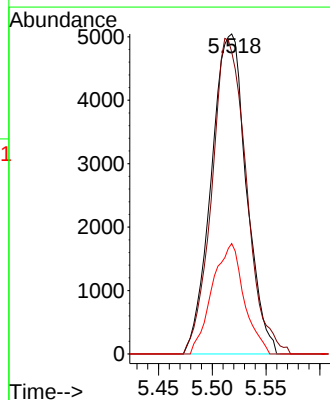
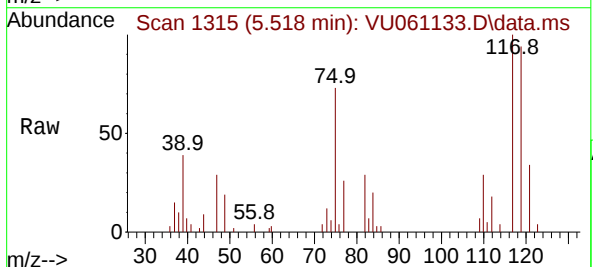
Instrument :
MSVOA_U
ClientSampleId :

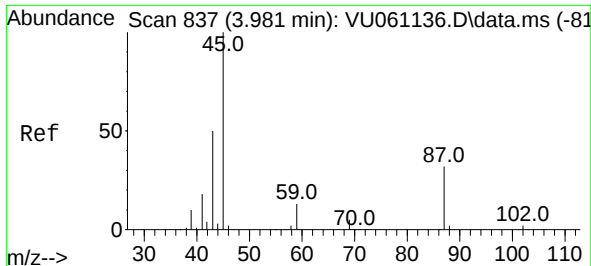
Tgt Ion: 75 Resp: 8790
Ion Ratio Lower Upper
75 100
110 34.1 18.1 54.3
77 32.8 24.0 36.0



#30
Carbon Tetrachloride
Concen: 0.909 ug/l
RT: 5.518 min Scan# 1315
Delta R.T. 0.003 min
Lab File: VU061133.D
Acq: 16 Oct 2024 10:27

Tgt Ion:117 Resp: 11444
Ion Ratio Lower Upper
117 100
119 94.4 76.2 114.4
121 34.5 24.8 37.2

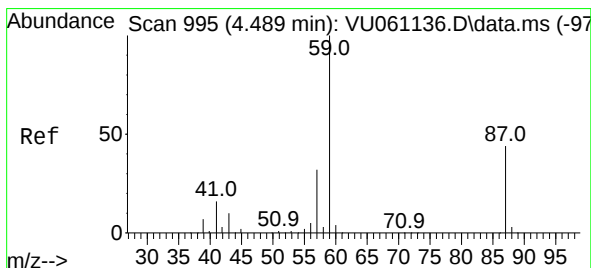
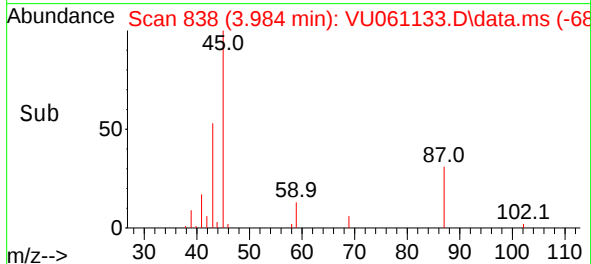
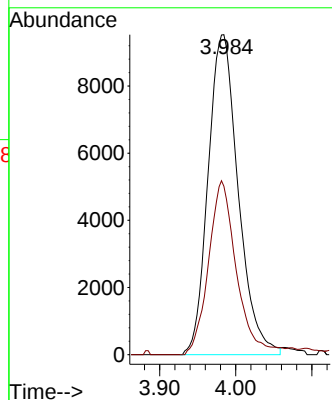
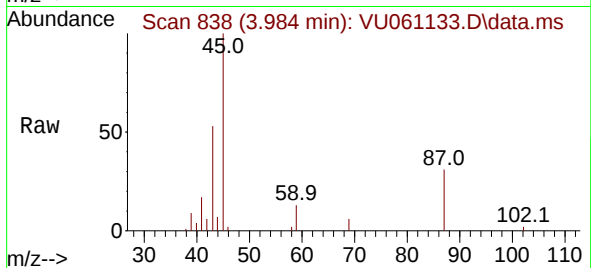




#31
Isopropyl Ether
Concen: 0.935 ug/l
RT: 3.984 min Scan# 837
Delta R.T. 0.003 min
Lab File: VU061133.D
Acq: 16 Oct 2024 10:27

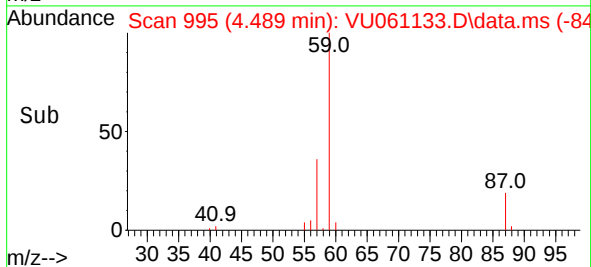
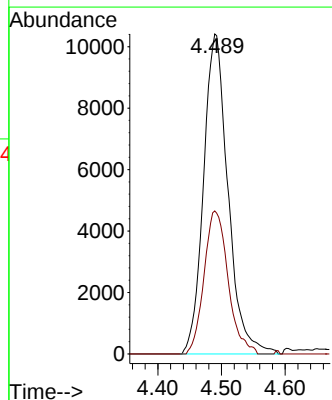
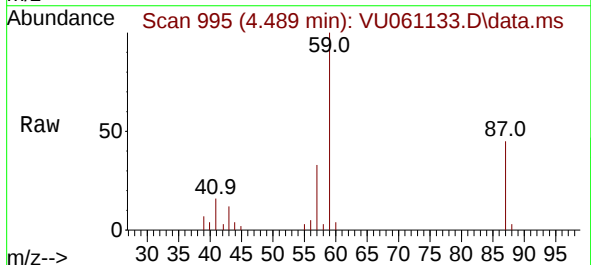
Instrument :
MSVOA_U
ClientSampleId :

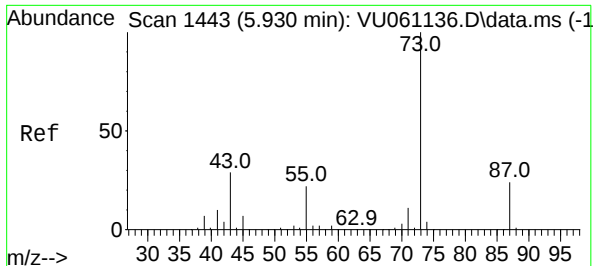
Tgt Ion: 45 Resp: 26238
Ion Ratio Lower Upper
45 100
43 50.4 25.1 75.2



#32
Ethyl-t-butyl ether
Concen: 0.937 ug/l
RT: 4.489 min Scan# 995
Delta R.T. -0.000 min
Lab File: VU061133.D
Acq: 16 Oct 2024 10:27

Tgt Ion: 59 Resp: 27801
Ion Ratio Lower Upper
59 100
87 44.0 34.6 52.0

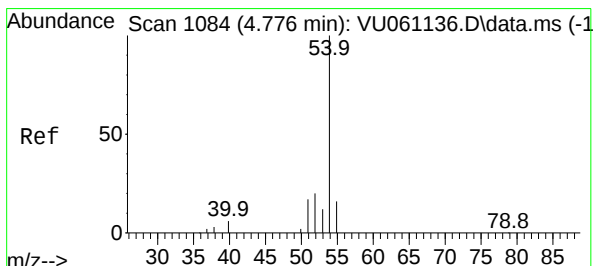
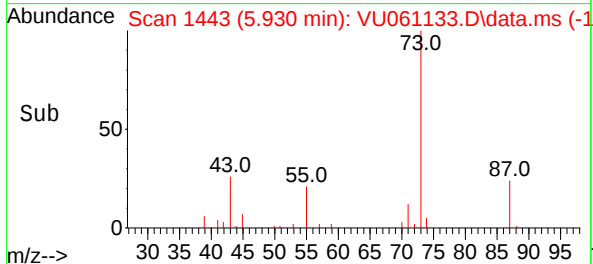
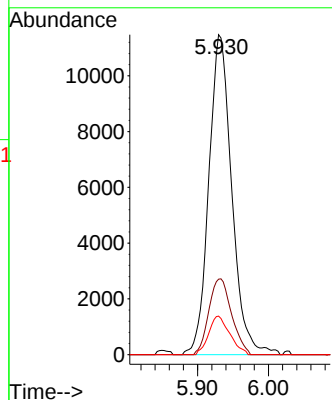
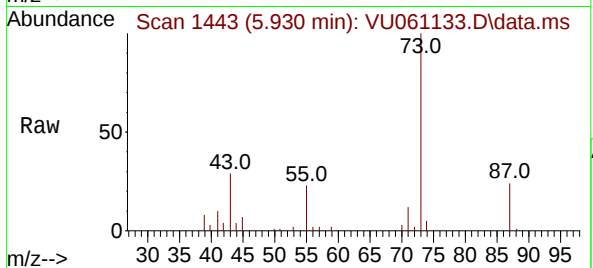




#33
Tert-Amyl methyl ether
Concen: 0.937 ug/l
RT: 5.930 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VU061133.D
Acq: 16 Oct 2024 10:27

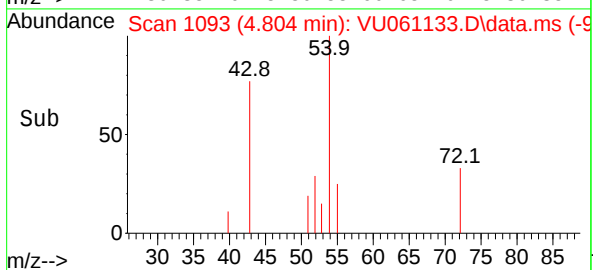
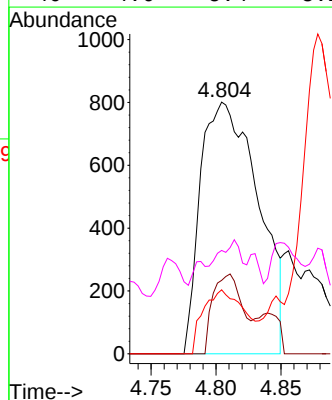
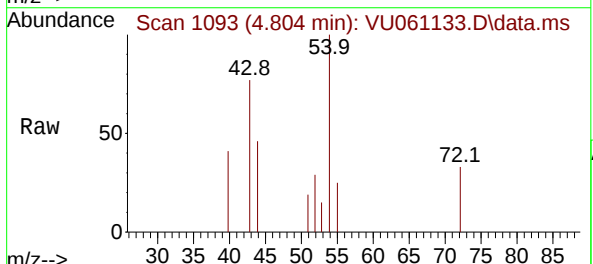
Instrument :
MSVOA_U
ClientSampleId :

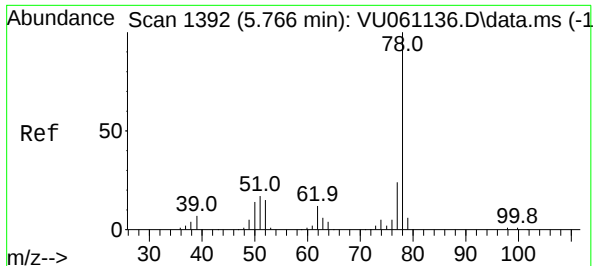
Tgt Ion: 73	Resp: 25846
Ion Ratio	Lower Upper
73	100
87	23.5 19.6 29.4
71	11.0 8.9 13.3



#34
Propionitrile
Concen: 2.943 ug/l
RT: 4.804 min Scan# 1093
Delta R.T. 0.029 min
Lab File: VU061133.D
Acq: 16 Oct 2024 10:27

Tgt Ion: 54	Resp: 2479
Ion Ratio	Lower Upper
54	100
52	16.1 15.0 22.4
55	18.0 10.5 15.7#
40	4.6 5.4 8.2#





#35

Benzene

Concen: 0.939 ug/l

RT: 5.769 min Scan# 1400

Delta R.T. 0.003 min

Lab File: VU061133.D

Acq: 16 Oct 2024 10:27

Instrument :

MSVOA_U

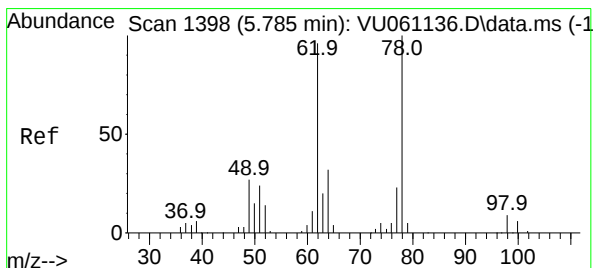
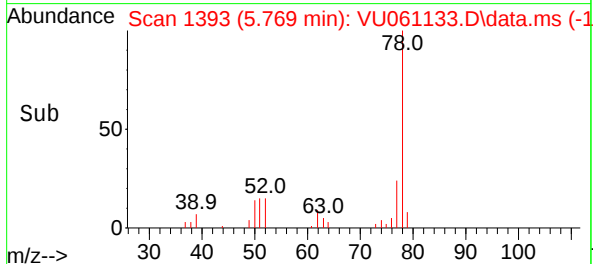
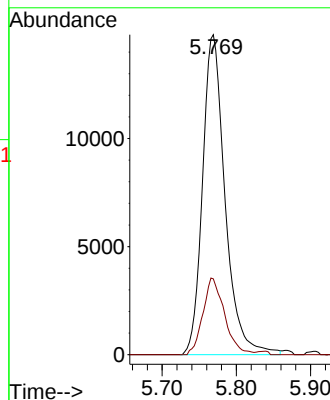
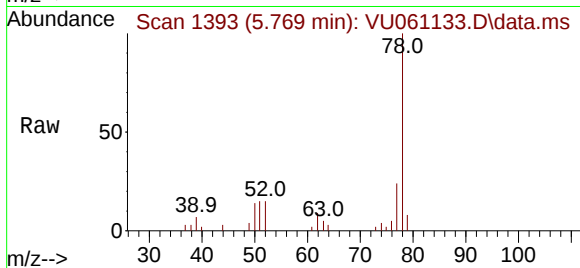
ClientSampleId :

Tgt Ion: 78 Resp: 31214

Ion Ratio Lower Upper

78 100

77 23.7 19.1 28.7



#36

1,2-Dichloroethane

Concen: 0.911 ug/l

RT: 5.791 min Scan# 1400

Delta R.T. 0.006 min

Lab File: VU061133.D

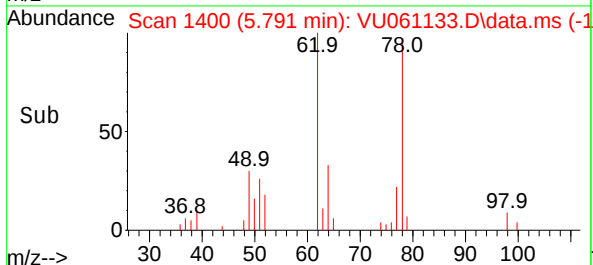
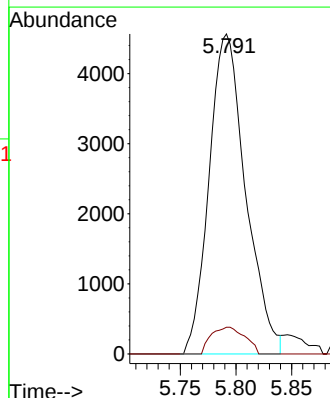
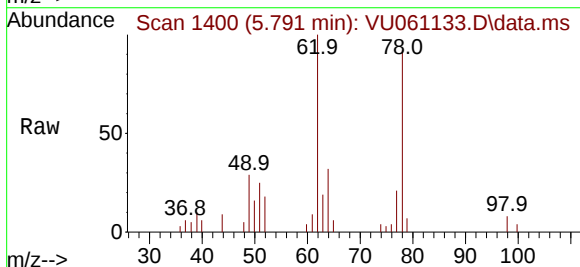
Acq: 16 Oct 2024 10:27

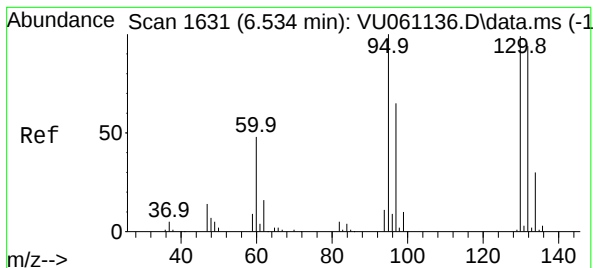
Tgt Ion: 62 Resp: 10442

Ion Ratio Lower Upper

62 100

98 7.7 6.9 10.3





#37

Trichloroethene

Concen: 0.957 ug/l

RT: 6.537 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU061133.D

Acq: 16 Oct 2024 10:27

Instrument :

MSVOA_U

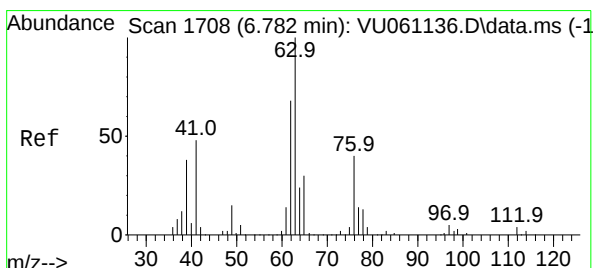
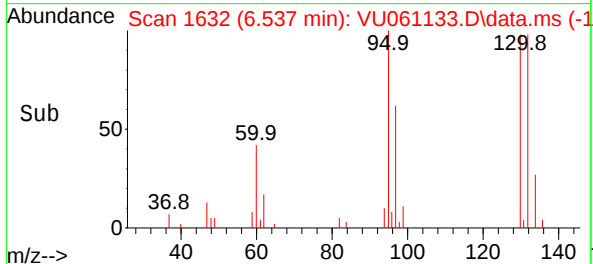
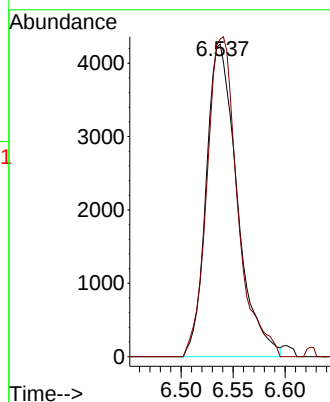
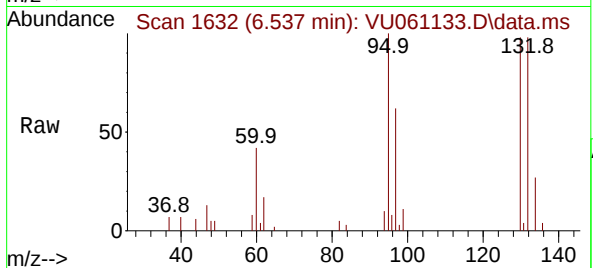
ClientSampleId :

Tgt Ion:130 Resp: 8818

Ion Ratio Lower Upper

130 100

95 101.5 80.7 121.1



#38

1,2-Dichloropropane

Concen: 0.967 ug/l

RT: 6.782 min Scan# 1708

Delta R.T. -0.000 min

Lab File: VU061133.D

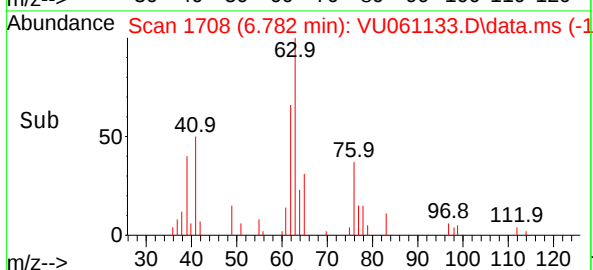
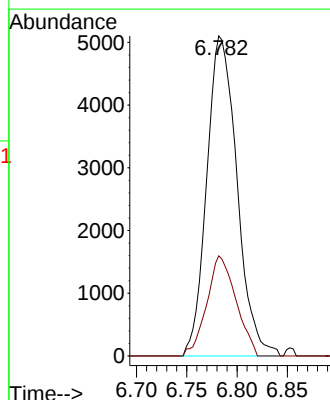
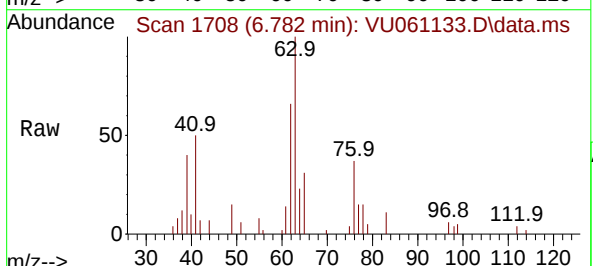
Acq: 16 Oct 2024 10:27

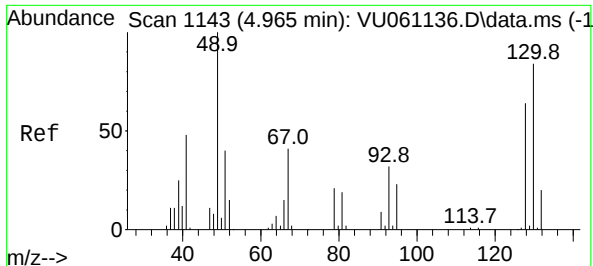
Tgt Ion: 63 Resp: 10685

Ion Ratio Lower Upper

63 100

65 31.3 24.3 36.5





#39

Methacrylonitrile

Concen: 0.409 ug/l

RT: 4.984 min Scan# 1149

Delta R.T. 0.019 min

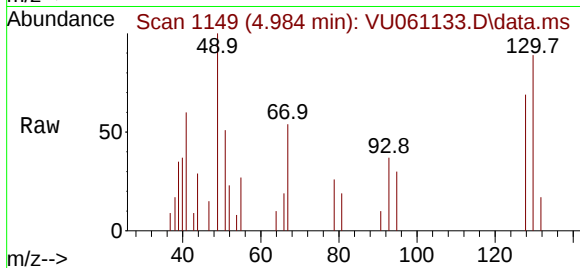
Lab File: VU061133.D

Acq: 16 Oct 2024 10:27

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 41 Resp: 1170

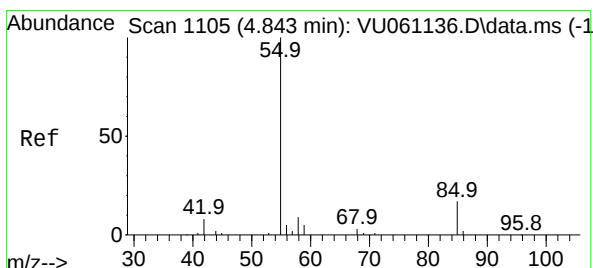
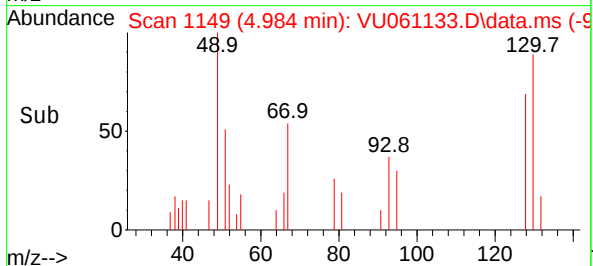
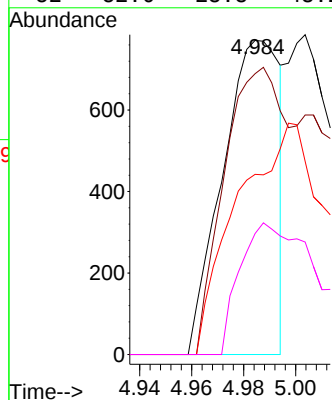
Ion Ratio Lower Upper

41 100

67 97.1 75.5 113.3

39 134.3 45.8 68.6#

52 52.6 28.8 43.2#



#40

Methyl acrylate

Concen: 0.011 ug/l

RT: 4.846 min Scan# 1106

Delta R.T. 0.003 min

Lab File: VU061133.D

Acq: 16 Oct 2024 10:27

Tgt Ion: 55 Resp: 55

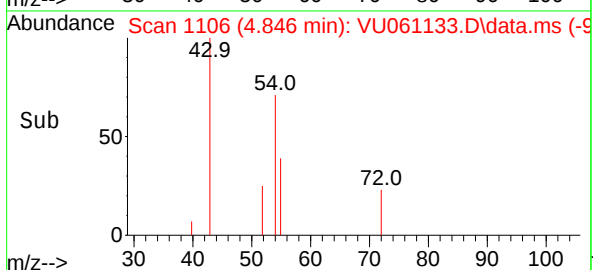
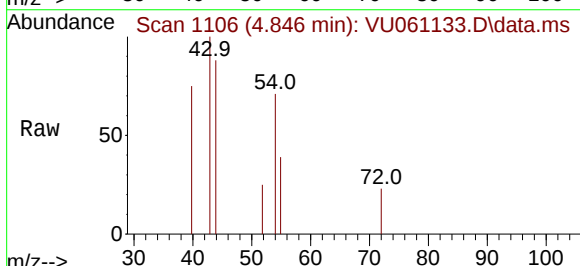
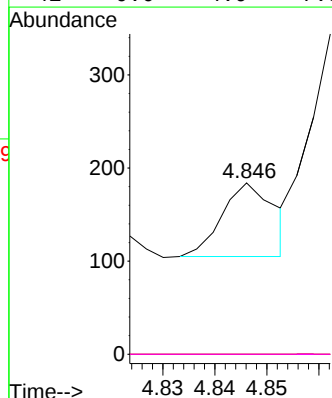
Ion Ratio Lower Upper

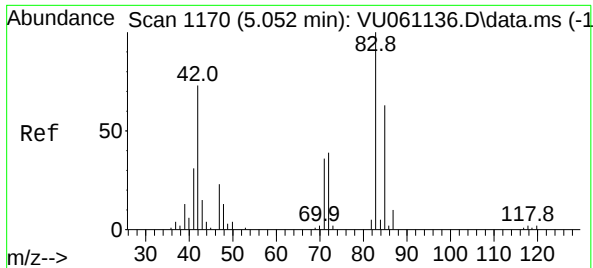
55 100

85 0.0 13.8 20.6#

58 0.0 6.2 9.4#

42 0.0 4.9 7.3#

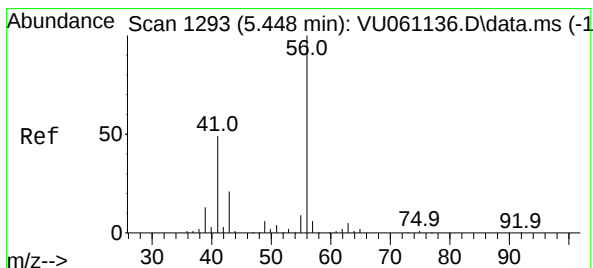
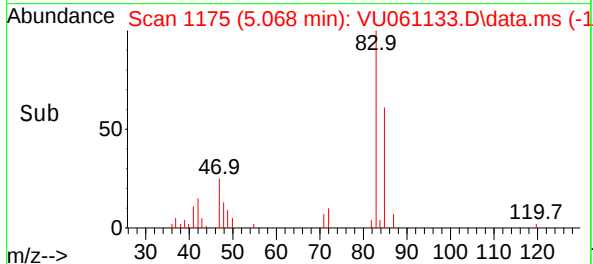
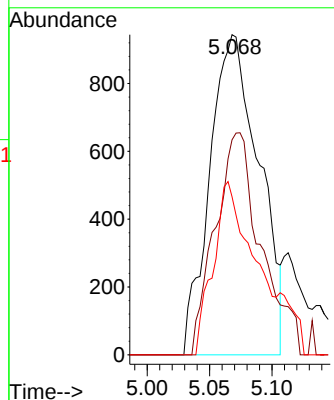
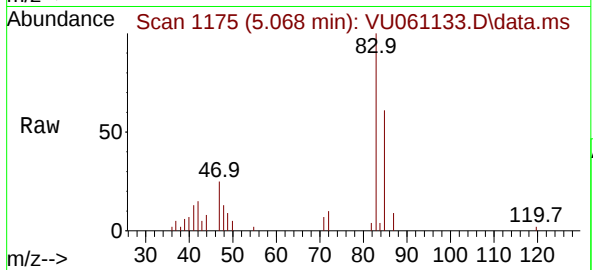




#41
Tetrahydrofuran
Concen: 1.688 ug/l
RT: 5.068 min Scan# 1175
Delta R.T. 0.016 min
Lab File: VU061133.D
Acq: 16 Oct 2024 10:27

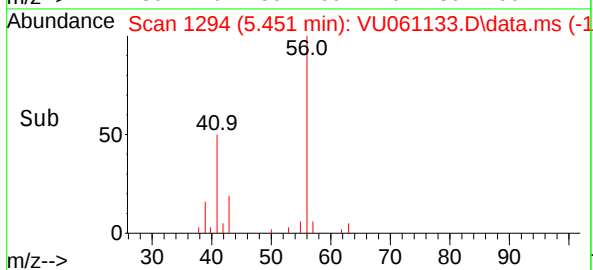
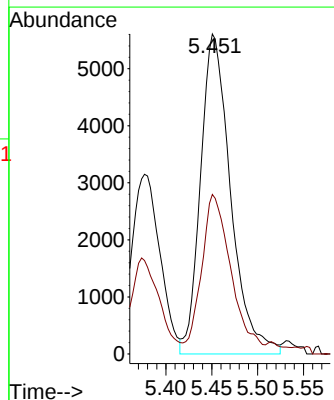
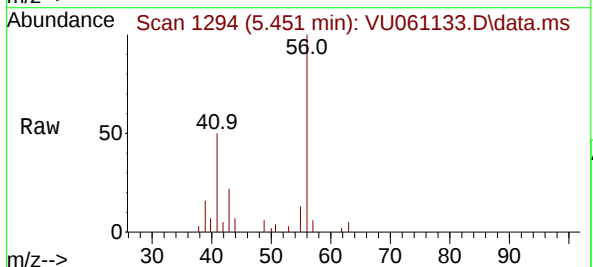
Instrument :
MSVOA_U
ClientSampleId :

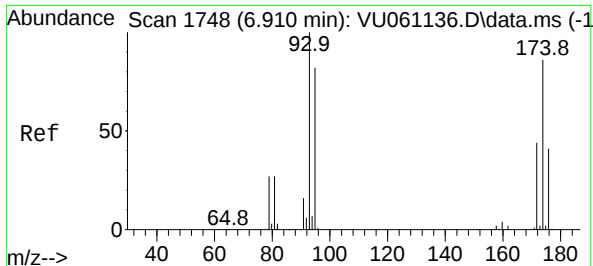
Tgt Ion:	42	Resp:	2599
Ion Ratio	Lower	Upper	
42	100		
72	64.6	46.4	69.6
71	44.3	41.4	62.0



#42
1-Chlorobutane
Concen: 0.959 ug/l
RT: 5.451 min Scan# 1294
Delta R.T. 0.003 min
Lab File: VU061133.D
Acq: 16 Oct 2024 10:27

Tgt Ion:	56	Resp:	12817
Ion Ratio	Lower	Upper	
56	100		
41	44.3	24.6	73.6





#43

Dibromomethane

Concen: 0.932 ug/l

RT: 6.917 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VU061133.D

Acq: 16 Oct 2024 10:27

Instrument :

MSVOA_U

ClientSampleId :

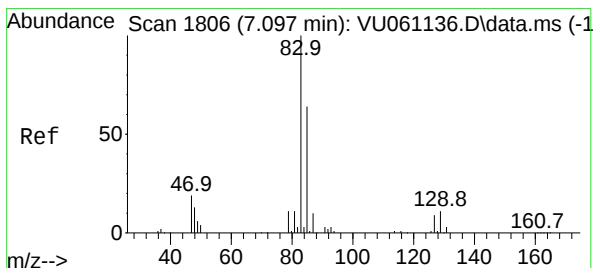
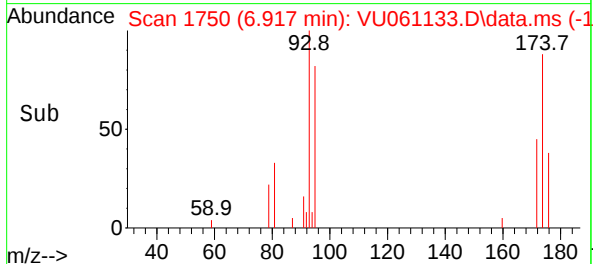
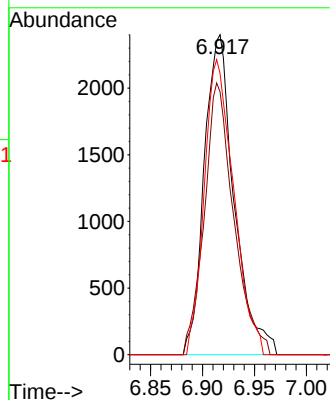
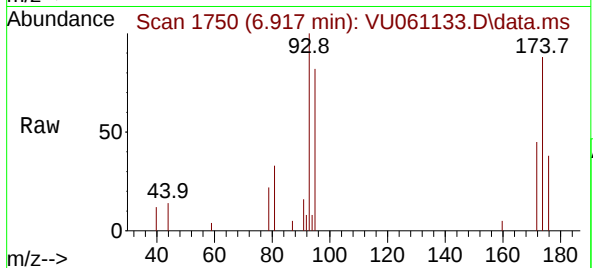
Tgt Ion: 93 Resp: 4793

Ion Ratio Lower Upper

93 100

95 83.9 66.4 99.6

174 91.2 68.4 102.6



#44

Bromodichloromethane

Concen: 0.936 ug/l

RT: 7.097 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VU061133.D

Acq: 16 Oct 2024 10:27

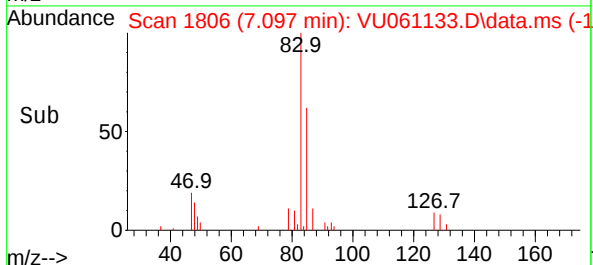
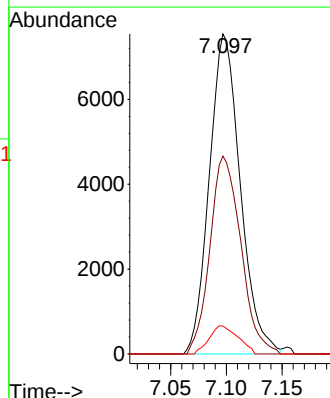
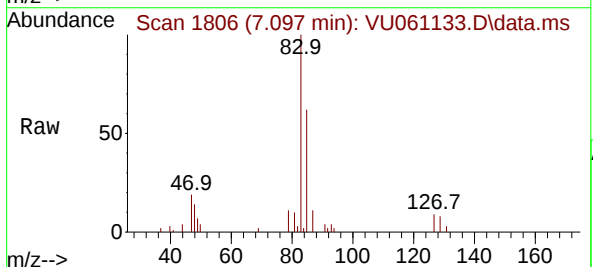
Tgt Ion: 83 Resp: 14599

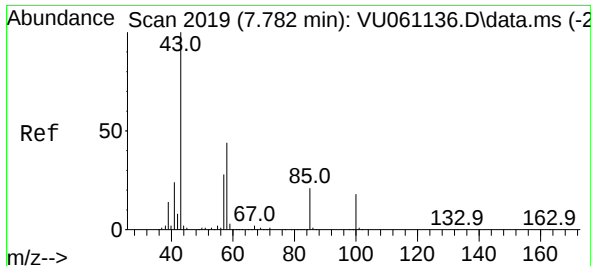
Ion Ratio Lower Upper

83 100

85 61.8 51.4 77.0

127 8.7 7.0 10.6





#45

4-Methyl-2-Pentanone

Concen: 4.523 ug/l

RT: 7.785 min Scan# 2019

Delta R.T. 0.003 min

Lab File: VU061133.D

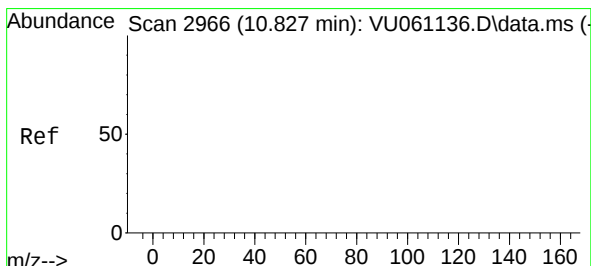
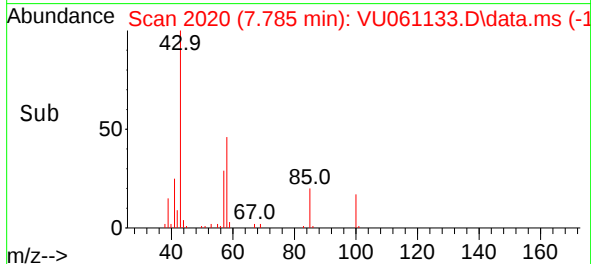
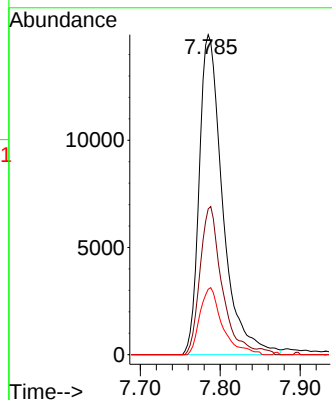
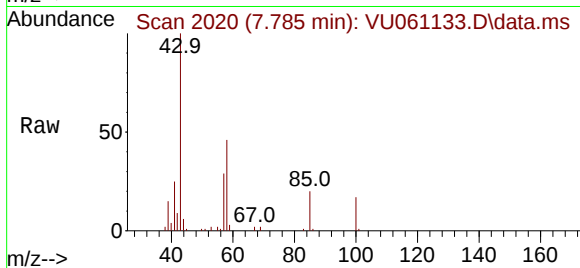
Acq: 16 Oct 2024 10:27

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 43	Resp: 30492
Ion Ratio	Lower Upper
43	100
58	43.3 22.1 66.3
85	20.0 16.8 25.2



#46

t-1,4-Dichloro-2-butene

Concen: 3.885 ug/l

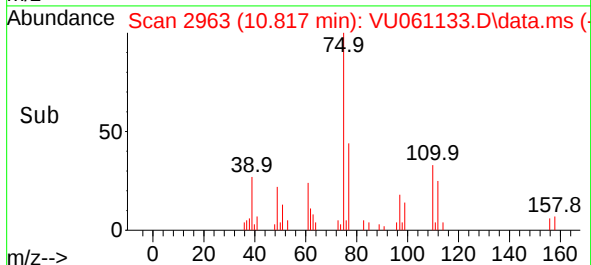
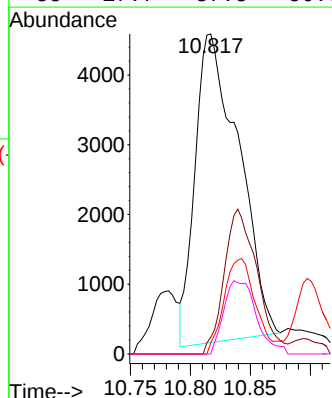
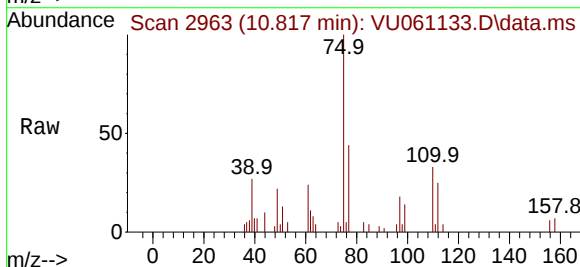
RT: 10.817 min Scan# 2963

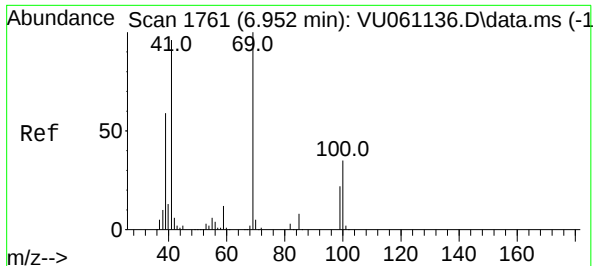
Delta R.T. -0.010 min

Lab File: VU061133.D

Acq: 16 Oct 2024 10:27

Tgt Ion: 75	Resp: 11204
Ion Ratio	Lower Upper
75	100
53	35.4 66.6 100.0#
89	22.6 48.4 72.6#
88	17.7 37.8 56.6#





#47

Methyl methacrylate

Concen: 1.675 ug/l

RT: 6.962 min Scan# 1

Delta R.T. 0.010 min

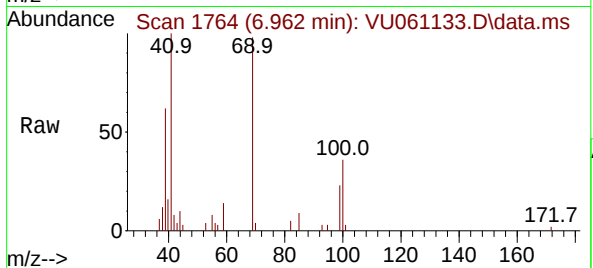
Lab File: VU061133.D

Acq: 16 Oct 2024 10:27

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 69 Resp: 8806

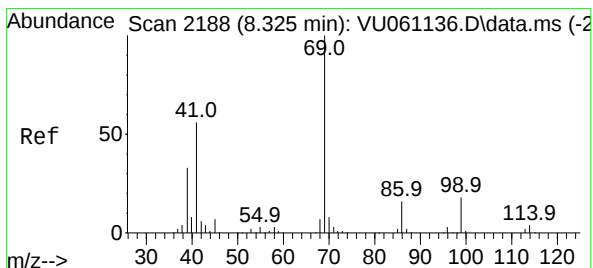
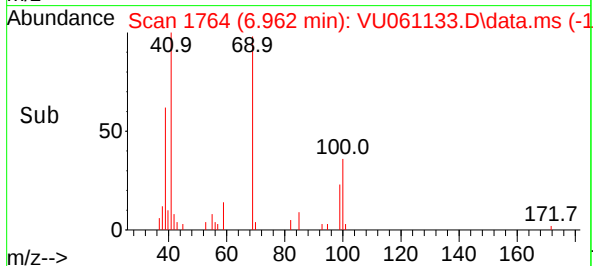
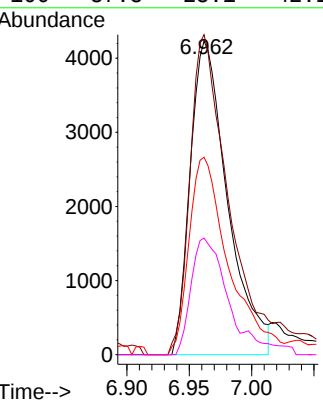
Ion Ratio Lower Upper

69 100

41 113.4 0.0 193.8

39 67.2 47.4 71.2

100 37.8 28.1 42.1



#48

Ethyl methacrylate

Concen: 0.902 ug/l

RT: 8.332 min Scan# 2190

Delta R.T. 0.006 min

Lab File: VU061133.D

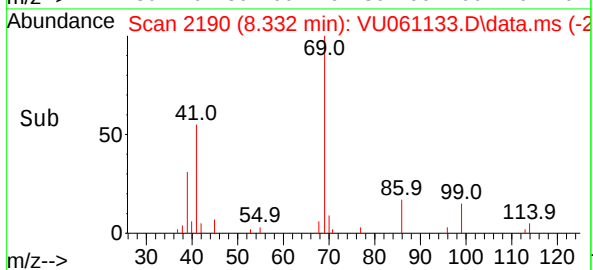
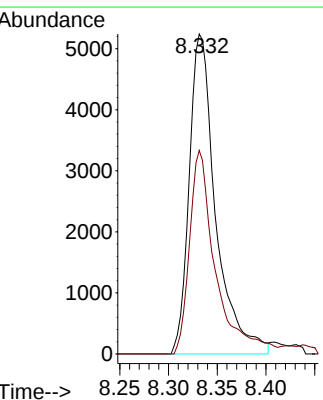
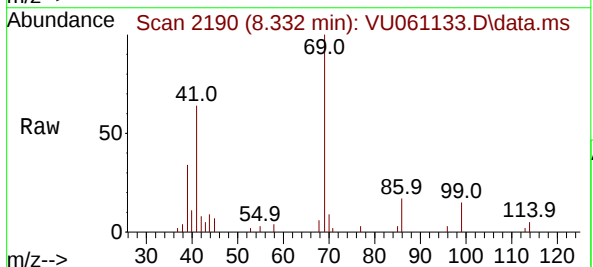
Acq: 16 Oct 2024 10:27

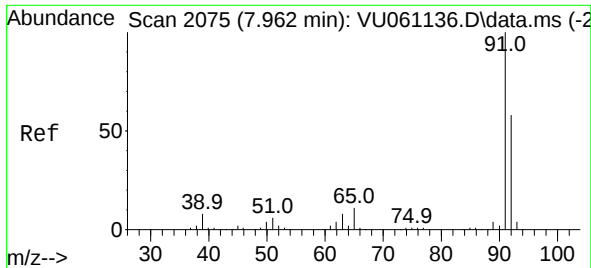
Tgt Ion: 69 Resp: 9896

Ion Ratio Lower Upper

69 100

41 62.4 27.6 82.8





#49

Toluene

Concen: 0.947 ug/l

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU061133.D

Acq: 16 Oct 2024 10:27

Instrument :

MSVOA_U

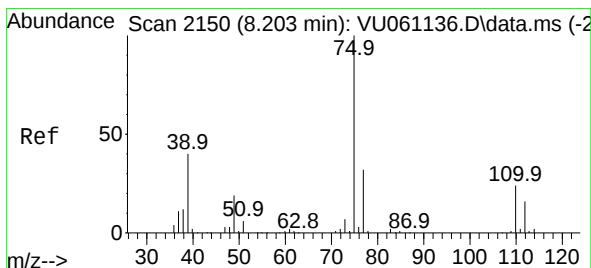
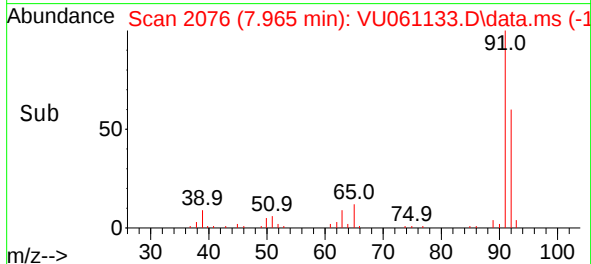
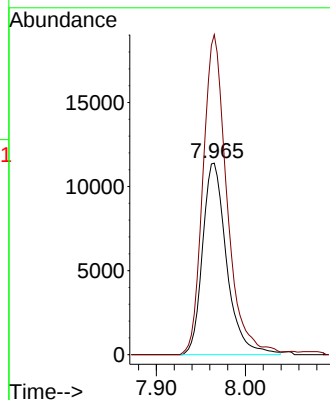
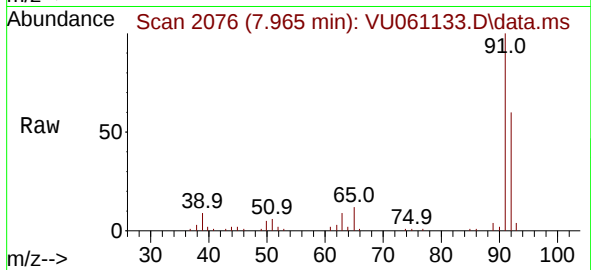
ClientSampleId :

Tgt Ion: 92 Resp: 21387

Ion Ratio Lower Upper

92 100

91 166.6 138.7 208.1



#50

t-1,3-Dichloropropene

Concen: 0.890 ug/l

RT: 8.209 min Scan# 2152

Delta R.T. 0.006 min

Lab File: VU061133.D

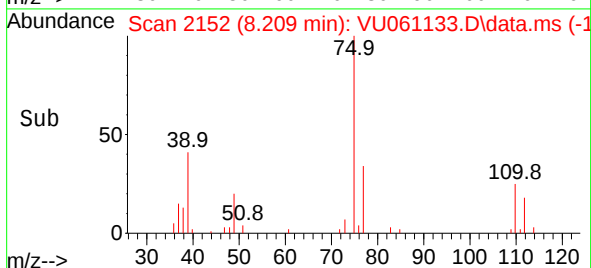
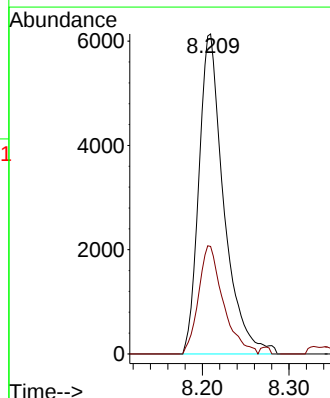
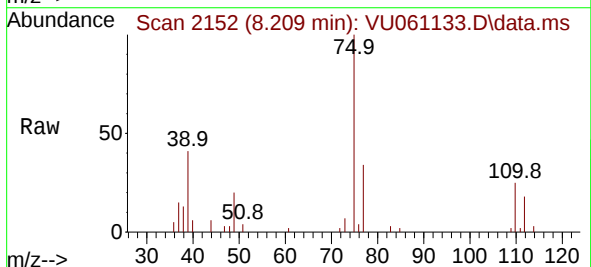
Acq: 16 Oct 2024 10:27

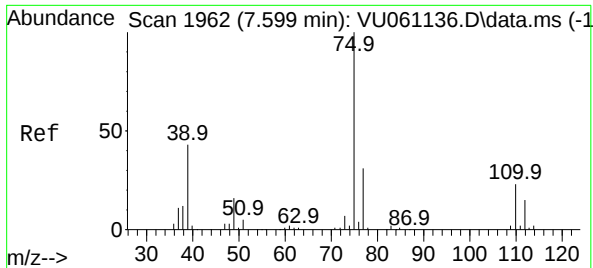
Tgt Ion: 75 Resp: 12223

Ion Ratio Lower Upper

75 100

77 33.6 25.3 37.9

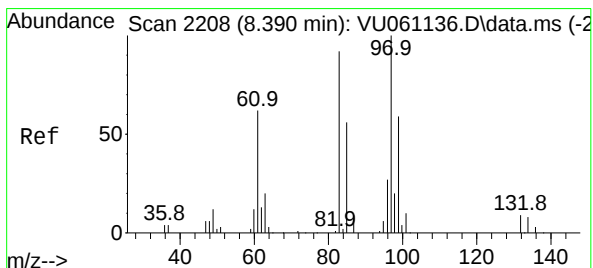
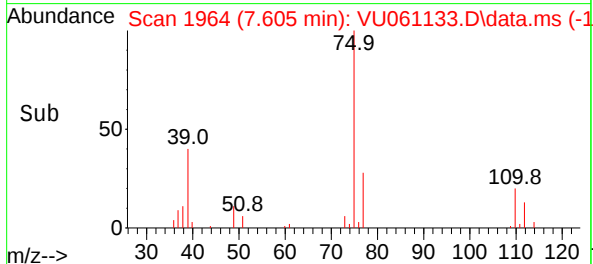
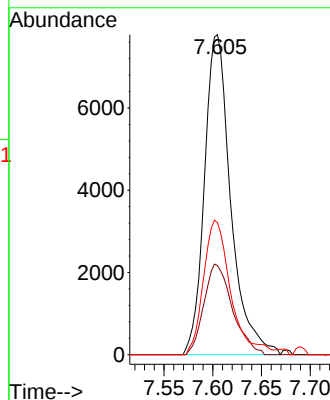
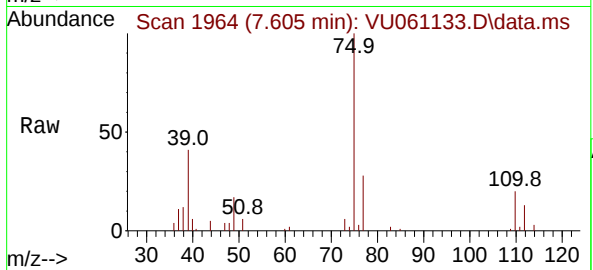




#51
 cis-1,3-Dichloropropene
 Concen: 0.915 ug/l
 RT: 7.605 min Scan# 1964
 Delta R.T. 0.006 min
 Lab File: VU061133.D
 Acq: 16 Oct 2024 10:27

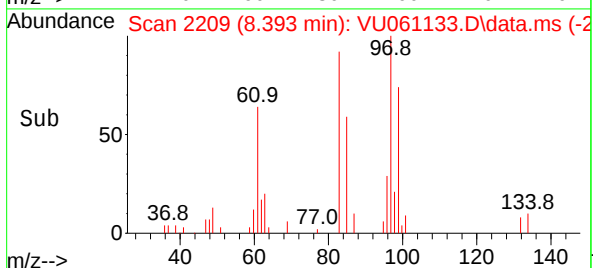
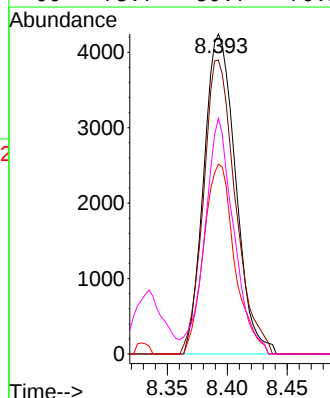
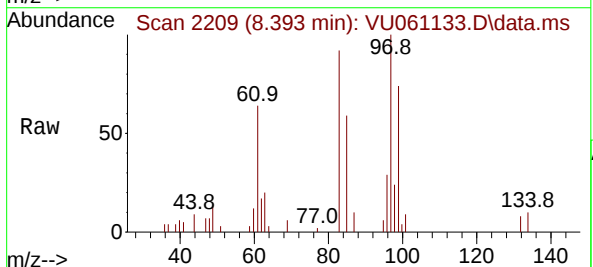
Instrument :
 MSVOA_U
 ClientSampleId :

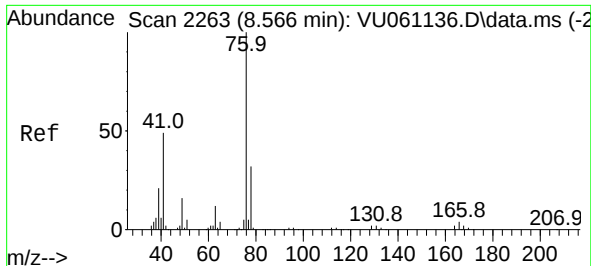
Tgt Ion: 75 Resp: 14624
 Ion Ratio Lower Upper
 75 100
 77 27.8 24.6 37.0
 39 41.3 34.5 51.7



#52
 1,1,2-Trichloroethane
 Concen: 0.894 ug/l
 RT: 8.393 min Scan# 2209
 Delta R.T. 0.003 min
 Lab File: VU061133.D
 Acq: 16 Oct 2024 10:27

Tgt Ion: 97 Resp: 7787
 Ion Ratio Lower Upper
 97 100
 83 91.9 73.6 110.4
 85 59.3 45.3 67.9
 99 73.7 50.7 76.1

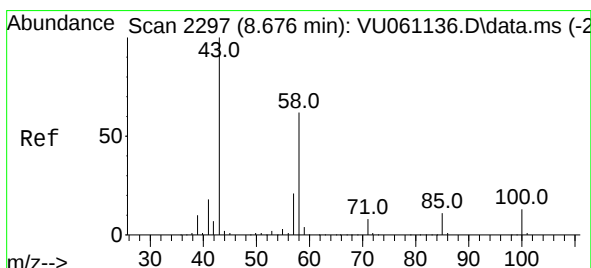
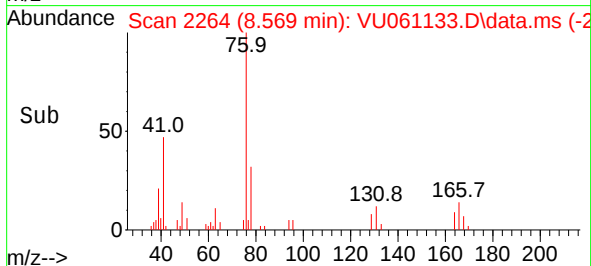
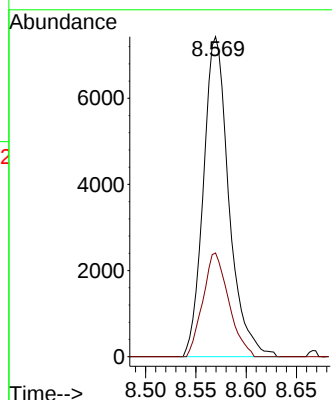
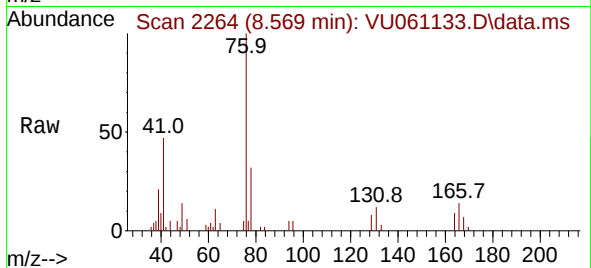




#53
1,3-Dichloropropane
Concen: 0.929 ug/l
RT: 8.569 min Scan# 2263
Delta R.T. 0.003 min
Lab File: VU061133.D
Acq: 16 Oct 2024 10:27

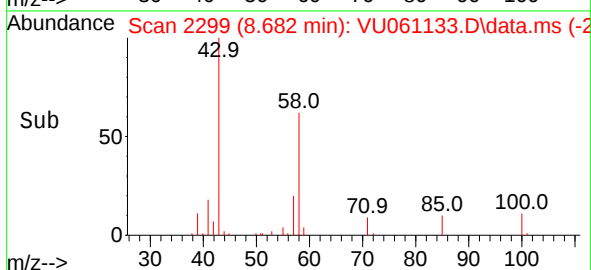
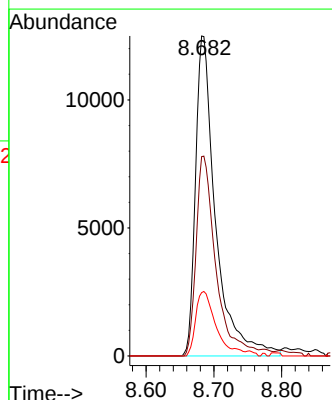
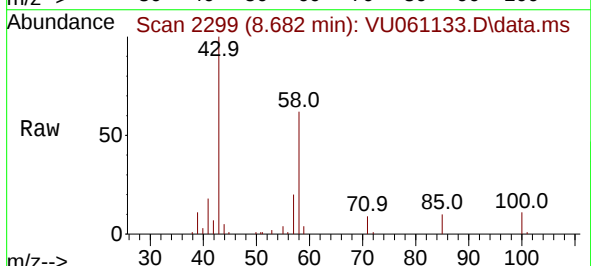
Instrument :
MSVOA_U
ClientSampleId :

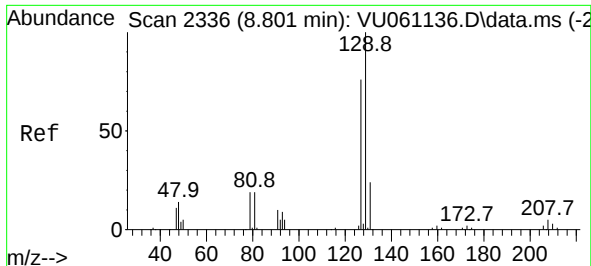
Tgt Ion: 76 Resp: 13106
Ion Ratio Lower Upper
76 100
78 32.8 25.9 38.9



#54
2-Hexanone
Concen: 4.336 ug/l
RT: 8.682 min Scan# 2299
Delta R.T. 0.006 min
Lab File: VU061133.D
Acq: 16 Oct 2024 10:27

Tgt Ion: 43 Resp: 25714
Ion Ratio Lower Upper
43 100
58 61.3 42.4 82.4
57 20.4 1.5 41.5

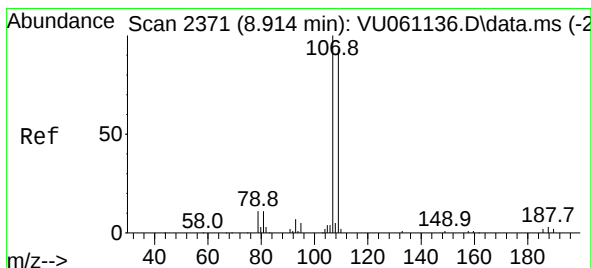
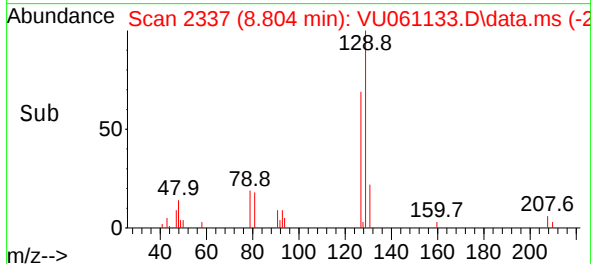
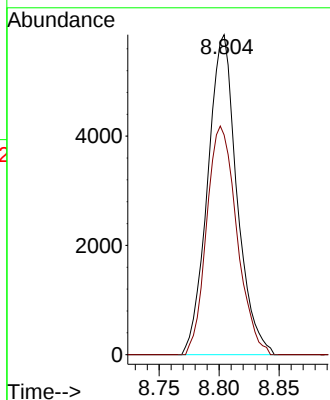
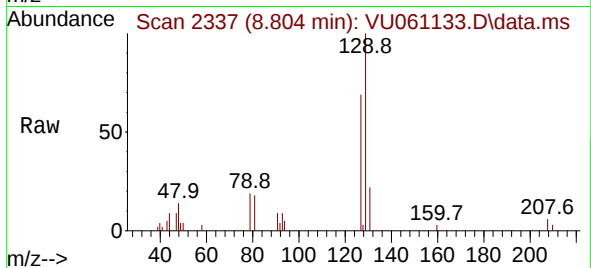




#55
Dibromochloromethane
Concen: 0.945 ug/l
RT: 8.804 min Scan# 2337
Delta R.T. 0.003 min
Lab File: VU061133.D
Acq: 16 Oct 2024 10:27

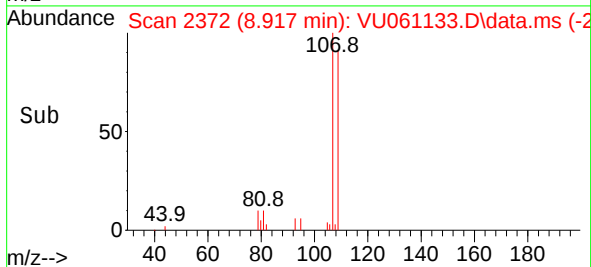
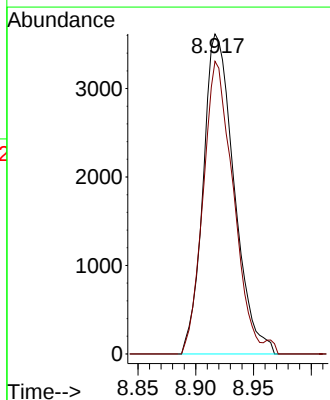
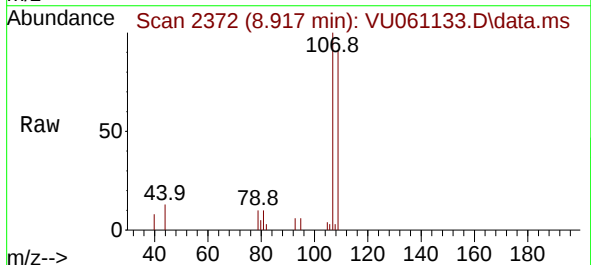
Instrument :
MSVOA_U
ClientSampleId :

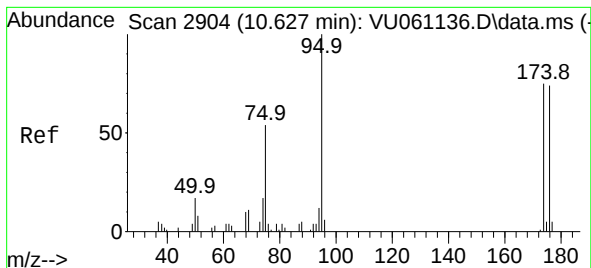
Tgt Ion:129 Resp: 9943
Ion Ratio Lower Upper
129 100
127 73.8 61.4 92.0



#56
1,2-Dibromoethane
Concen: 0.917 ug/l
RT: 8.917 min Scan# 2372
Delta R.T. 0.003 min
Lab File: VU061133.D
Acq: 16 Oct 2024 10:27

Tgt Ion:107 Resp: 6731
Ion Ratio Lower Upper
107 100
109 88.7 0.0 189.6





#57

4-Bromofluorobenzene

Concen: 0.949 ug/l

RT: 10.630 min Scan# 2905

Delta R.T. 0.003 min

Lab File: VU061133.D

Acq: 16 Oct 2024 10:27

Instrument :

MSVOA_U

ClientSampleId :

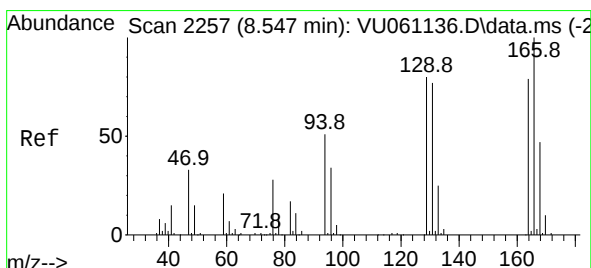
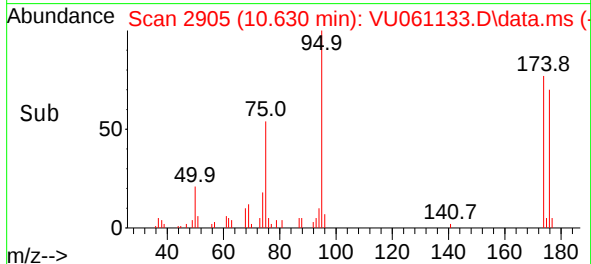
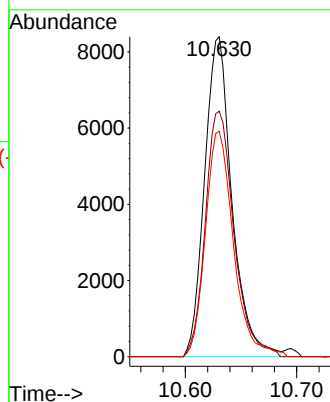
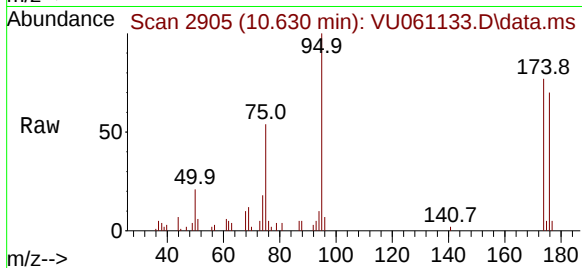
Tgt Ion: 95 Resp: 14367

Ion Ratio Lower Upper

95 100

174 80.2 59.7 89.5

176 72.1 60.2 90.2



#58

Tetrachloroethene

Concen: 0.939 ug/l

RT: 8.547 min Scan# 2257

Delta R.T. -0.000 min

Lab File: VU061133.D

Acq: 16 Oct 2024 10:27

Tgt Ion:164 Resp: 7565

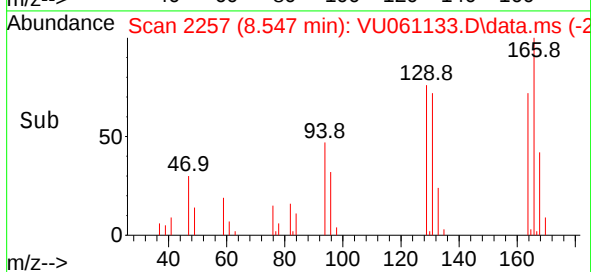
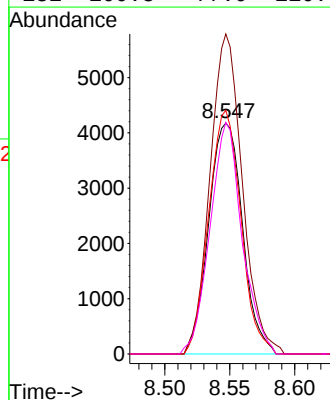
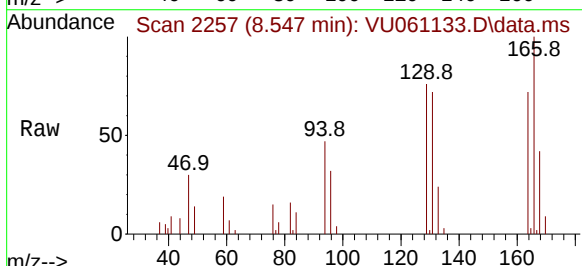
Ion Ratio Lower Upper

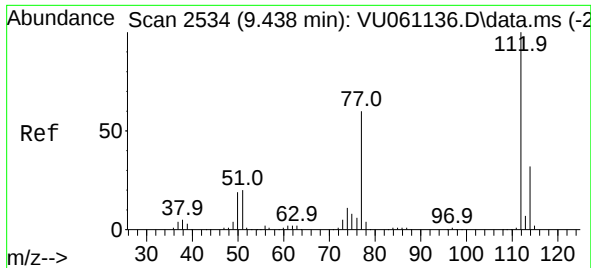
164 100

166 138.6 101.4 152.0

129 105.5 80.7 121.1

131 100.3 77.9 116.9





#59

Chlorobenzene

Concen: 0.905 ug/l

RT: 9.441 min Scan# 2535

Delta R.T. 0.003 min

Lab File: VU061133.D

Acq: 16 Oct 2024 10:27

Instrument :

MSVOA_U

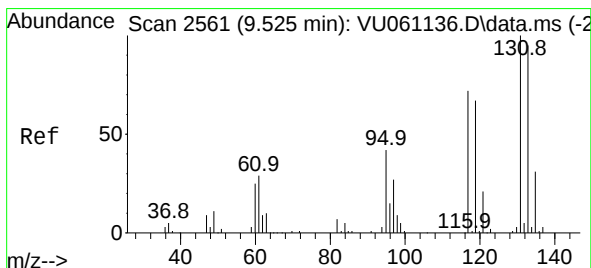
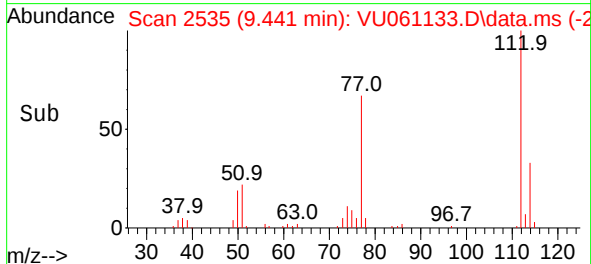
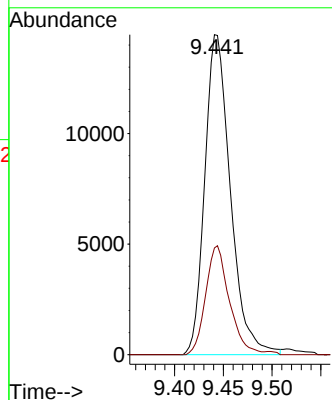
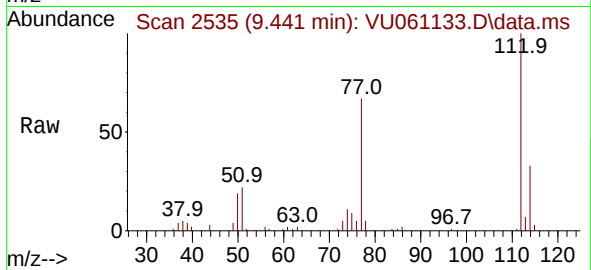
ClientSampleId :

Tgt Ion:112 Resp: 26504

Ion Ratio Lower Upper

112 100

114 33.3 25.6 38.4



#60

1,1,1,2-Tetrachloroethane

Concen: 0.921 ug/l

RT: 9.528 min Scan# 2562

Delta R.T. 0.003 min

Lab File: VU061133.D

Acq: 16 Oct 2024 10:27

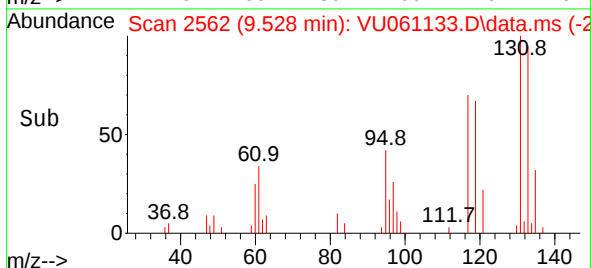
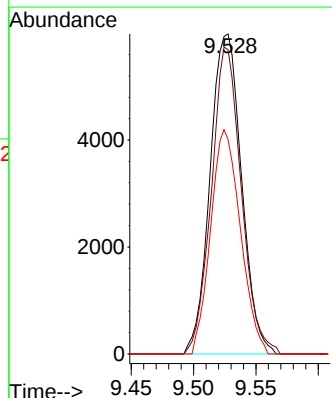
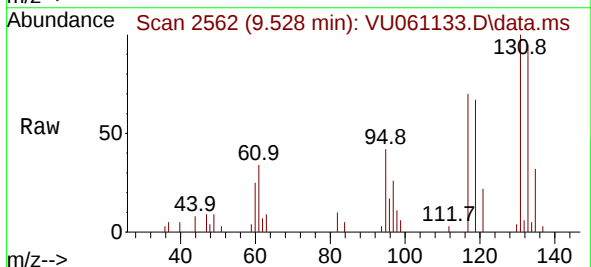
Tgt Ion:131 Resp: 10517

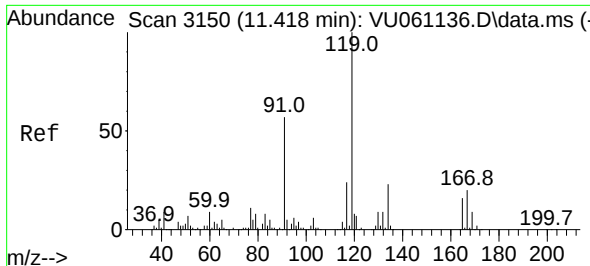
Ion Ratio Lower Upper

131 100

133 91.3 76.1 114.1

119 66.2 53.4 80.0

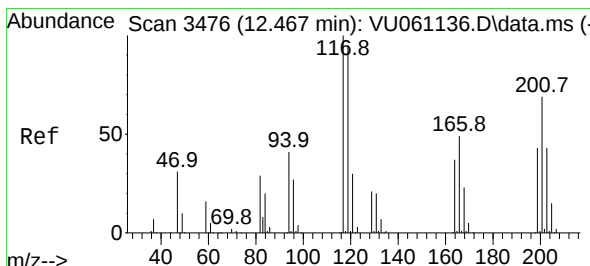
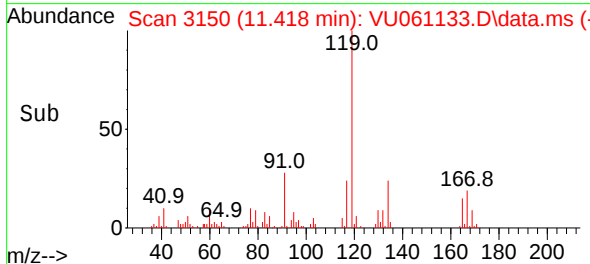
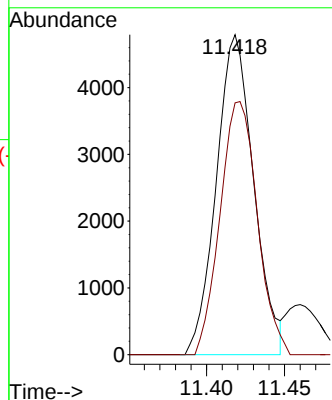
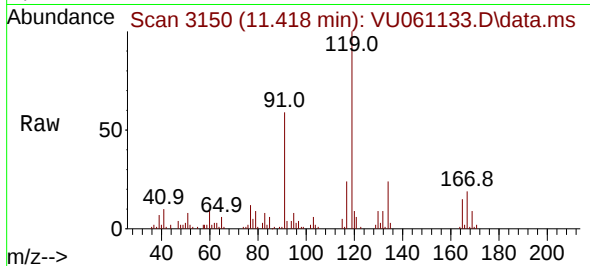




#61
 Pentachloroethane
 Concen: 0.909 ug/l
 RT: 11.418 min Scan# 3150
 Delta R.T. -0.000 min
 Lab File: VU061133.D
 Acq: 16 Oct 2024 10:27

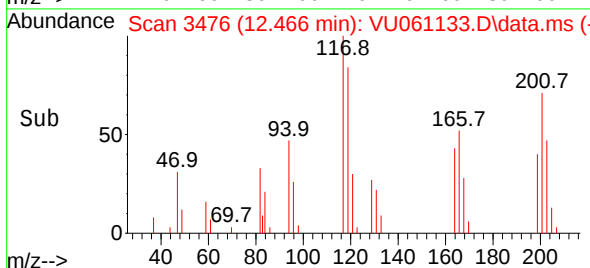
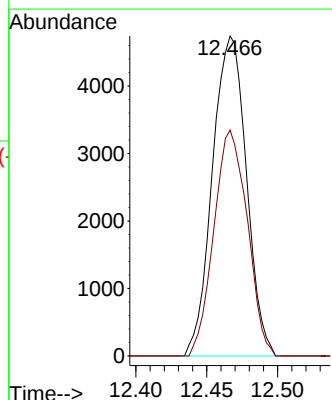
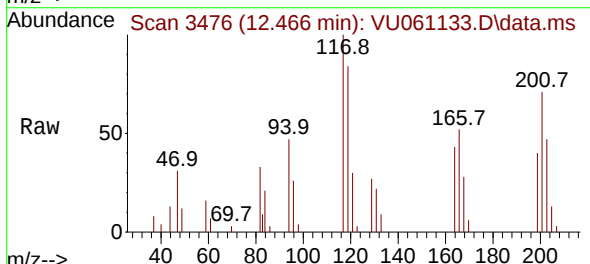
Instrument :
 MSVOA_U
 ClientSampleId :

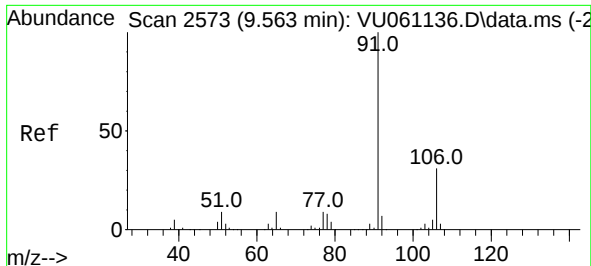
Tgt Ion:117 Resp: 7998
 Ion Ratio Lower Upper
 117 100
 167 78.7 63.6 95.4



#62
 Hexachloroethane
 Concen: 0.863 ug/l
 RT: 12.466 min Scan# 3476
 Delta R.T. -0.000 min
 Lab File: VU061133.D
 Acq: 16 Oct 2024 10:27

Tgt Ion:117 Resp: 7917
 Ion Ratio Lower Upper
 117 100
 201 69.5 54.3 81.5





#63

Ethyl Benzene

Concen: 0.913 ug/l

RT: 9.563 min Scan# 2573

Delta R.T. -0.000 min

Lab File: VU061133.D

Acq: 16 Oct 2024 10:27

Instrument :

MSVOA_U

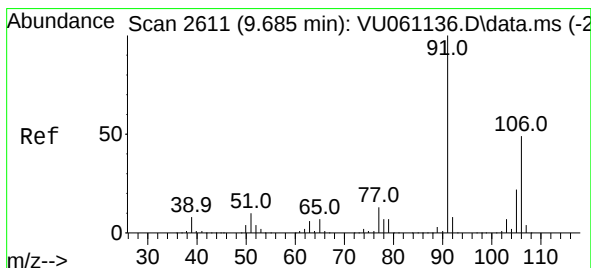
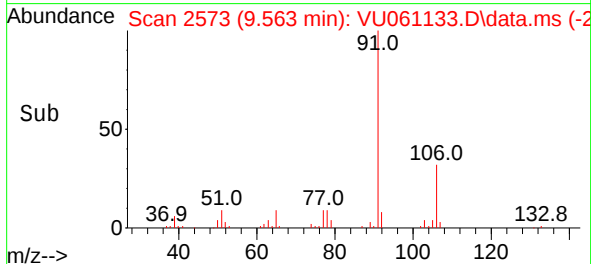
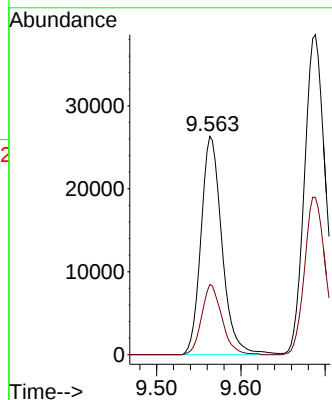
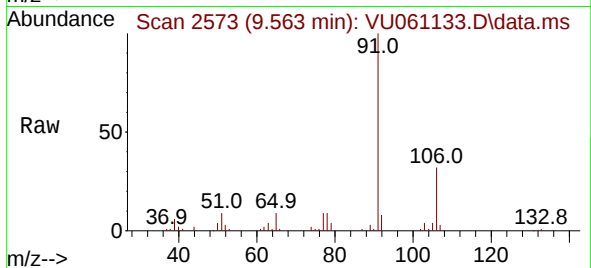
ClientSampleId :

Tgt Ion: 91 Resp: 45684

Ion Ratio Lower Upper

91 100

106 32.1 24.7 37.1



#64

m/p-Xylenes

Concen: 1.823 ug/l

RT: 9.685 min Scan# 2611

Delta R.T. -0.000 min

Lab File: VU061133.D

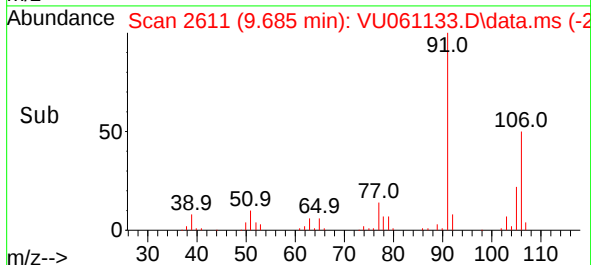
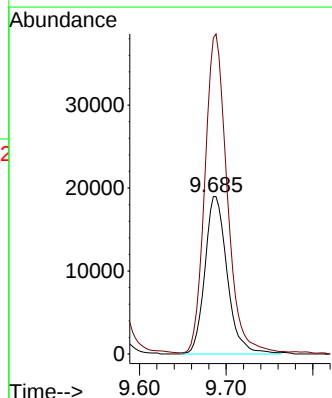
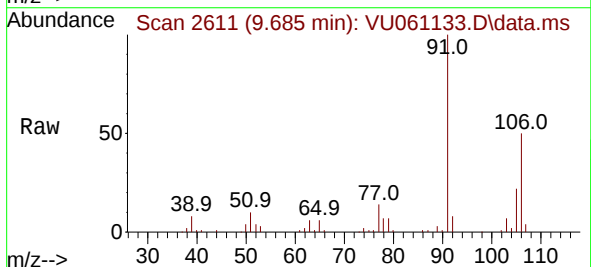
Acq: 16 Oct 2024 10:27

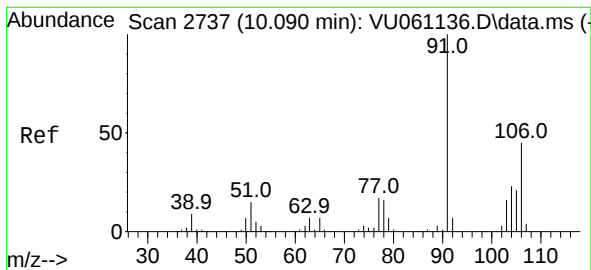
Tgt Ion:106 Resp: 33950

Ion Ratio Lower Upper

106 100

91 202.1 164.1 246.1





#65

o-Xylene

Concen: 0.901 ug/l

RT: 10.094 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU061133.D

Acq: 16 Oct 2024 10:27

Instrument :

MSVOA_U

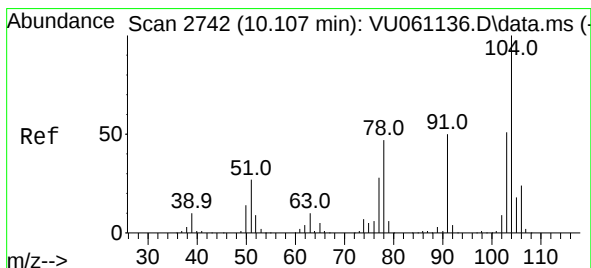
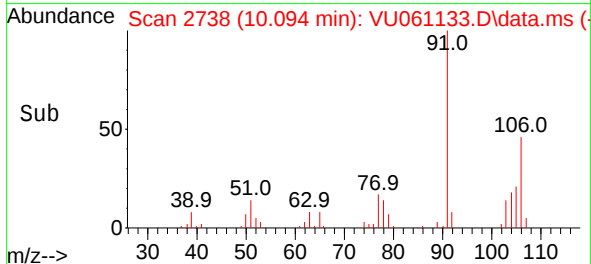
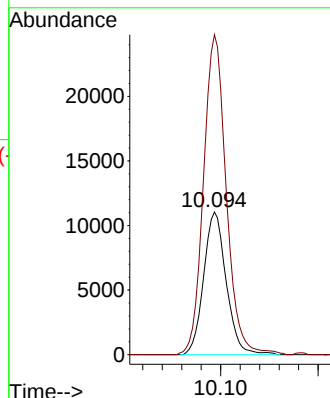
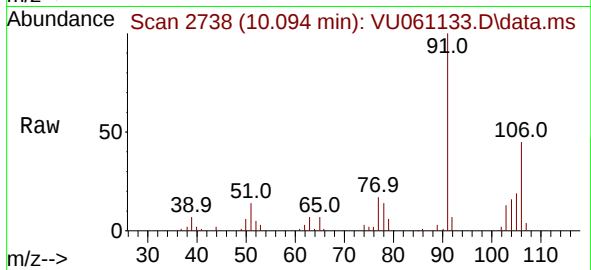
ClientSampleId :

Tgt Ion:106 Resp: 17741

Ion Ratio Lower Upper

106 100

91 226.3 109.1 327.2



#66

Styrene

Concen: 0.892 ug/l

RT: 10.110 min Scan# 2743

Delta R.T. 0.003 min

Lab File: VU061133.D

Acq: 16 Oct 2024 10:27

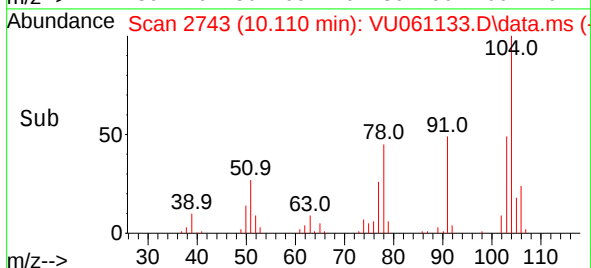
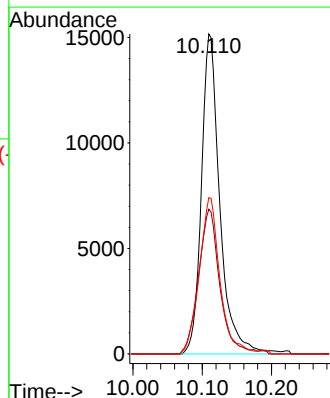
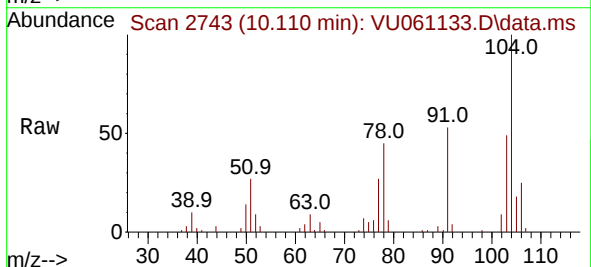
Tgt Ion:104 Resp: 27994

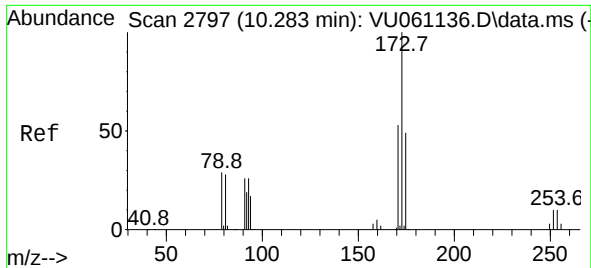
Ion Ratio Lower Upper

104 100

78 52.3 41.2 61.8

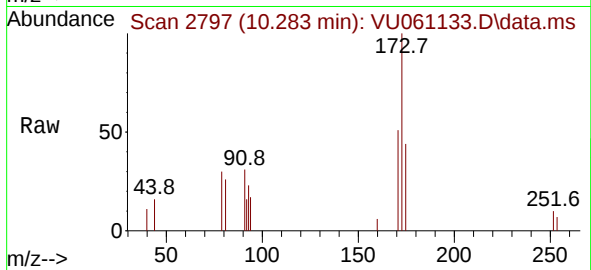
103 54.4 44.4 66.6



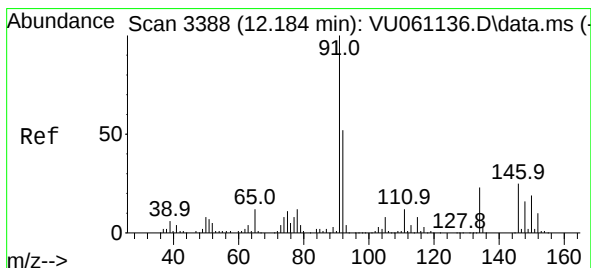
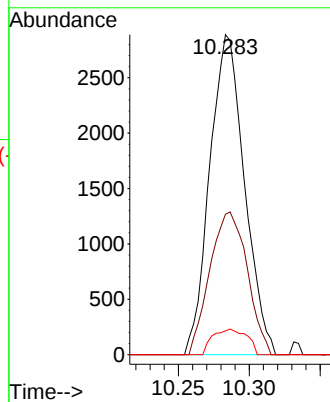
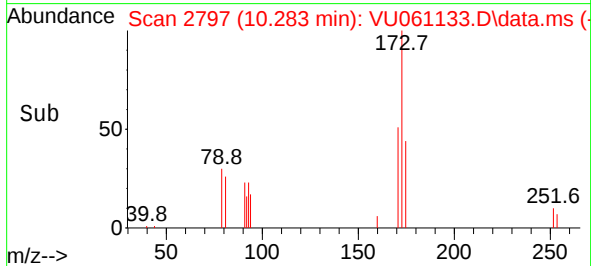


#67
Bromoform
Concen: 0.870 ug/l
RT: 10.283 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU061133.D
Acq: 16 Oct 2024 10:27

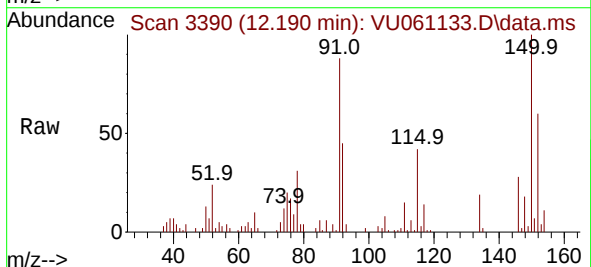
Instrument :
MSVOA_U
ClientSampleId :



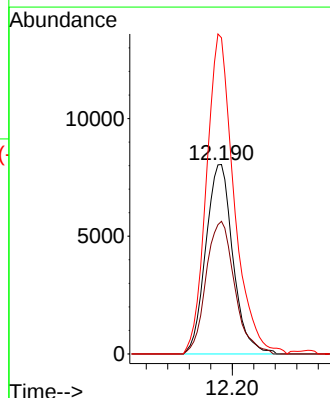
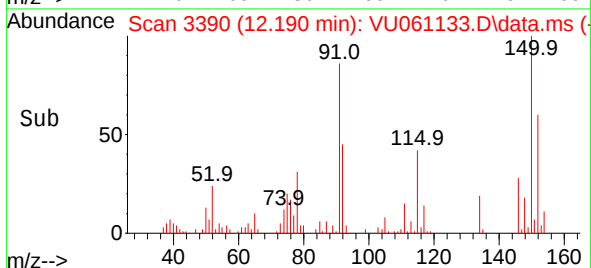
Tgt Ion:173 Resp: 4923
Ion Ratio Lower Upper
173 100
175 48.0 38.9 58.3
254 7.8 7.0 10.6

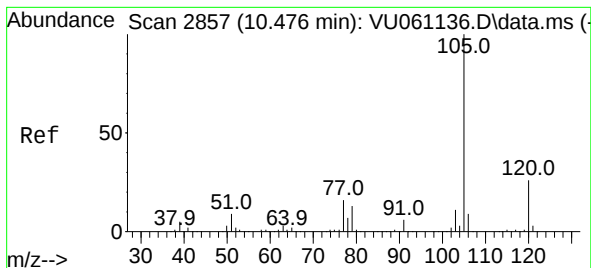


#68
1,2-Dichlorobenzene-d4
Concen: 0.956 ug/l
RT: 12.190 min Scan# 3390
Delta R.T. 0.006 min
Lab File: VU061133.D
Acq: 16 Oct 2024 10:27



Tgt Ion:152 Resp: 14079
Ion Ratio Lower Upper
152 100
115 73.8 0.0 258.4
150 171.6 0.0 660.4





#69

Isopropylbenzene

Concen: 0.906 ug/l

RT: 10.476 min Scan# 21

Delta R.T. -0.000 min MSVOA_U

Lab File: VU061133.D

Acq: 16 Oct 2024 10:27

Instrument :

MSVOA_U

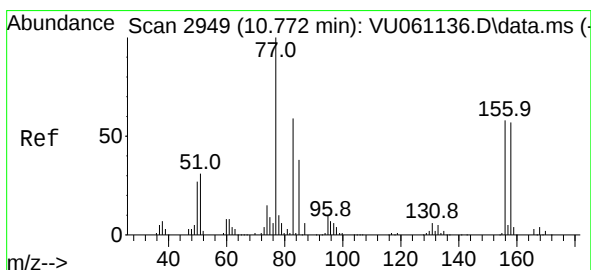
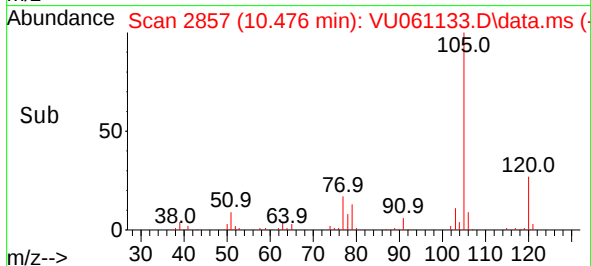
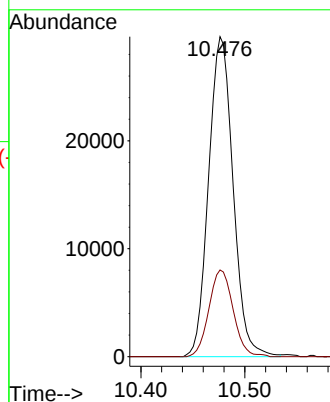
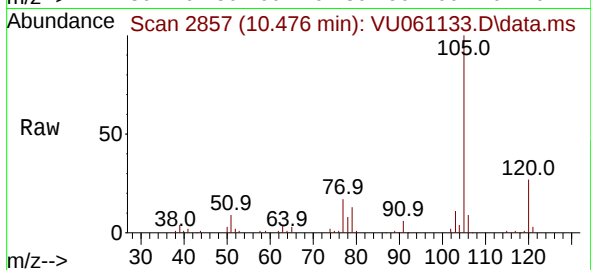
ClientSampleId :

Tgt Ion:105 Resp: 48513

Ion Ratio Lower Upper

105 100

120 26.8 13.2 39.5



#70

1,1,2,2-Tetrachloroethane

Concen: 0.915 ug/l

RT: 10.772 min Scan# 2949

Delta R.T. -0.000 min

Lab File: VU061133.D

Acq: 16 Oct 2024 10:27

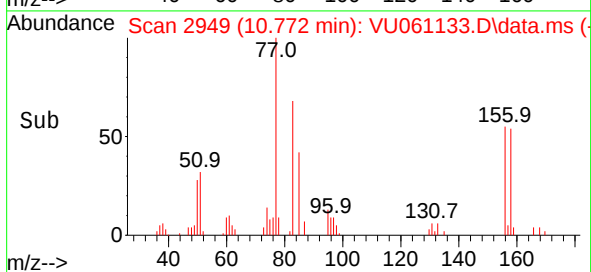
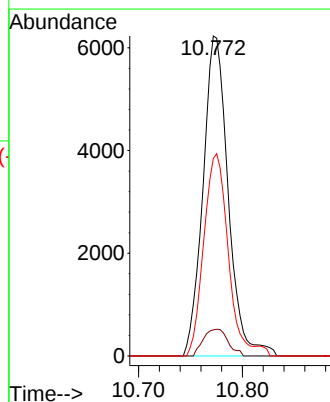
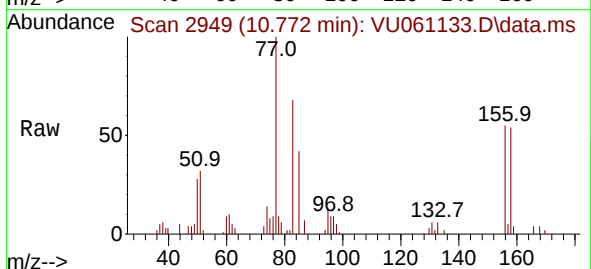
Tgt Ion: 83 Resp: 10485

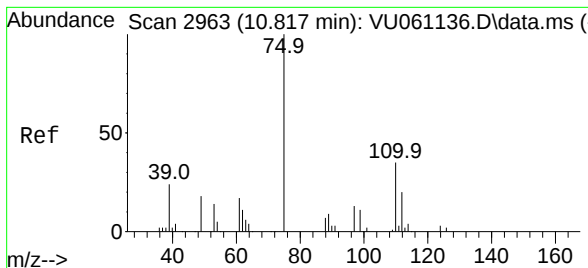
Ion Ratio Lower Upper

83 100

131 8.2 7.5 11.3

85 61.7 52.3 78.5





#71

1,2,3-Trichloropropane

Concen: 1.257 ug/l

RT: 10.817 min Scan# 2963

Delta R.T. -0.000 min

Lab File: VU061133.D

Acq: 16 Oct 2024 10:27

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 75 Resp: 11204

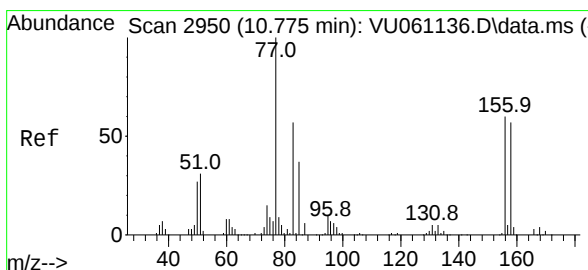
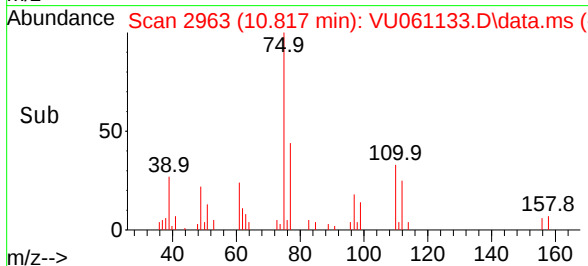
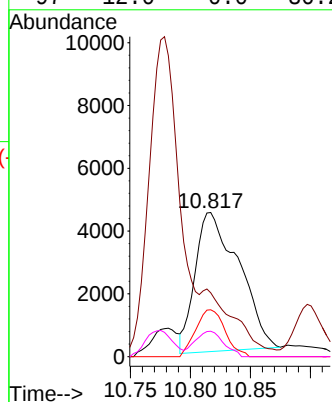
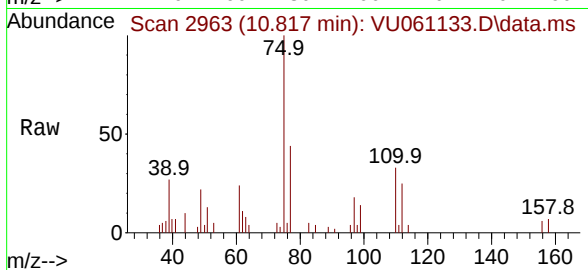
Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

110 22.7 0.0 66.8

97 12.0 0.0 36.2



#72

Bromobenzene

Concen: 0.897 ug/l

RT: 10.778 min Scan# 2951

Delta R.T. 0.003 min

Lab File: VU061133.D

Acq: 16 Oct 2024 10:27

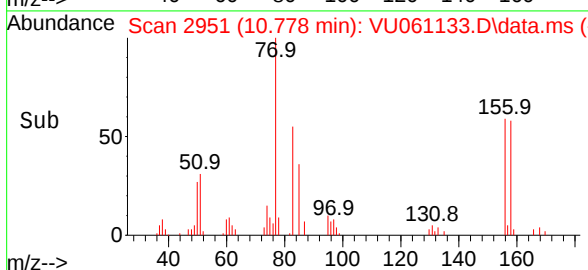
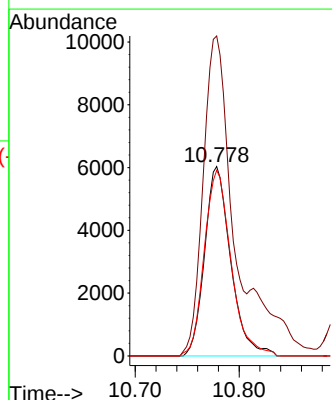
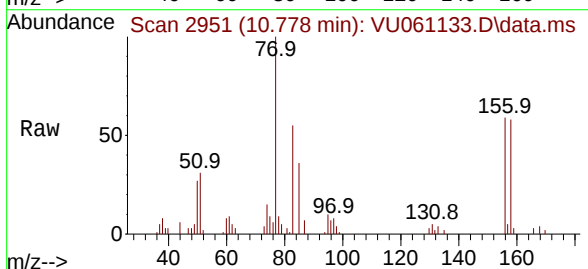
Tgt Ion:156 Resp: 10502

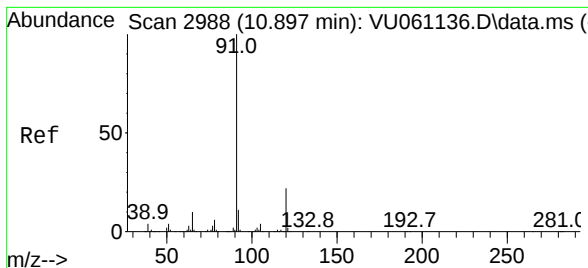
Ion Ratio Lower Upper

156 100

77 172.8 0.0 342.6

158 101.0 0.0 195.2





#73

n-propylbenzene

Concen: 0.895 ug/l

RT: 10.901 min Scan# 2988

Delta R.T. 0.003 min

Lab File: VU061133.D

Acq: 16 Oct 2024 10:27

Instrument :

MSVOA_U

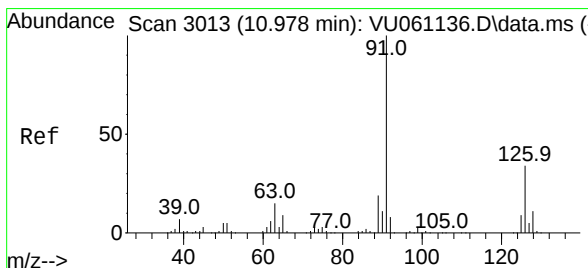
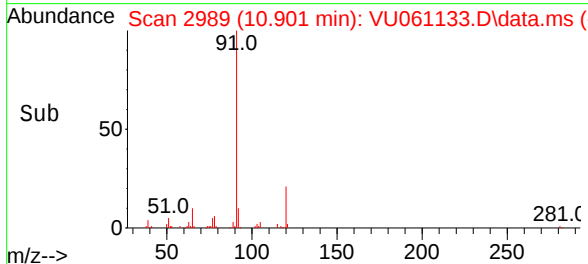
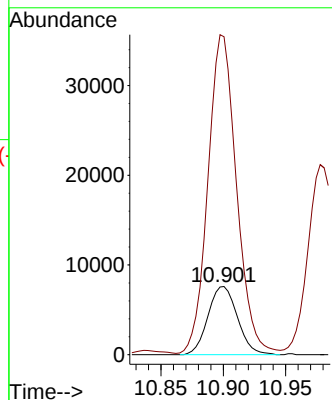
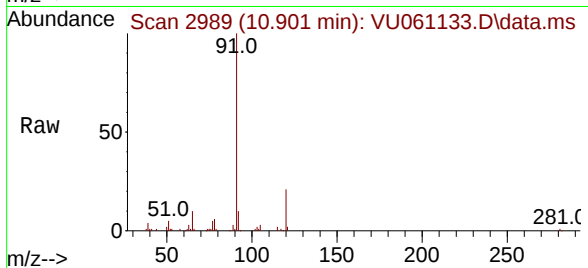
ClientSampleId :

Tgt Ion:120 Resp: 12508

Ion Ratio Lower Upper

120 100

91 452.5 354.6 532.0



#74

2-Chlorotoluene

Concen: 0.911 ug/l

RT: 10.978 min Scan# 3013

Delta R.T. -0.000 min

Lab File: VU061133.D

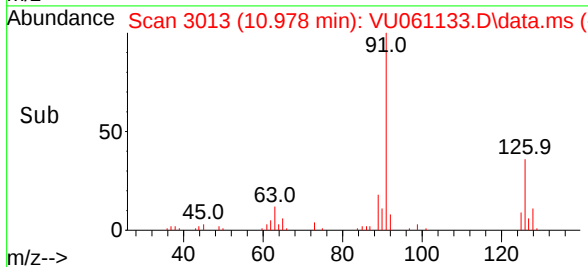
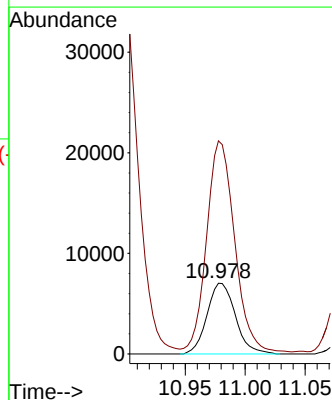
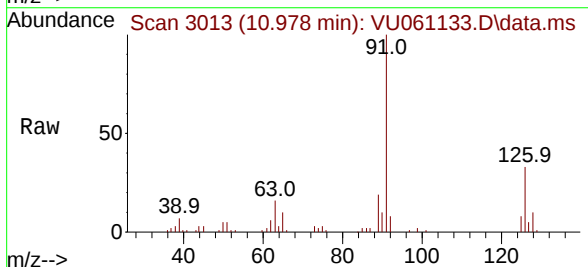
Acq: 16 Oct 2024 10:27

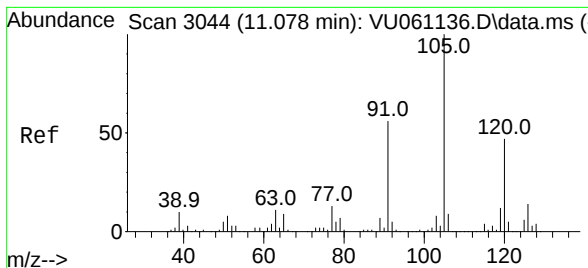
Tgt Ion:126 Resp: 11567

Ion Ratio Lower Upper

126 100

91 295.8 0.0 596.4





#75

1,3,5-Trimethylbenzene

Concen: 0.895 ug/l

RT: 11.081 min Scan# 3044

Delta R.T. 0.003 min

Lab File: VU061133.D

Acq: 16 Oct 2024 10:27

Instrument :

MSVOA_U

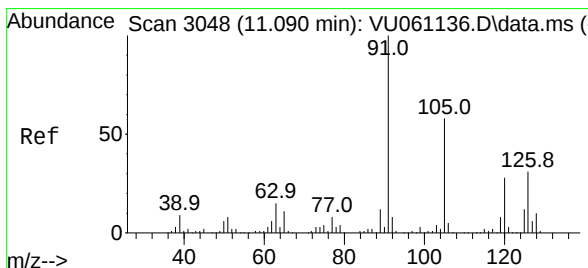
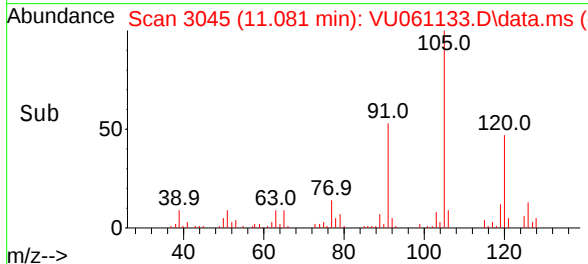
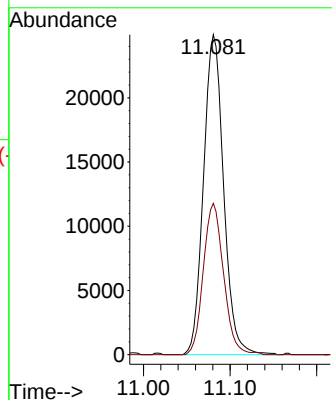
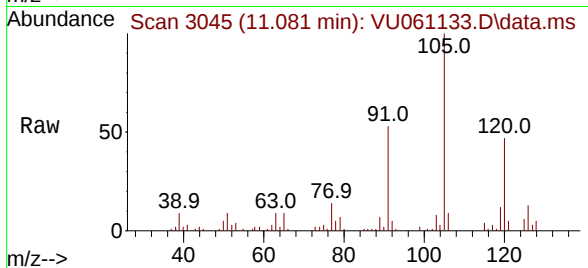
ClientSampleId :

Tgt Ion:105 Resp: 40226

Ion Ratio Lower Upper

105 100

120 47.6 37.8 56.8



#76

4-Chlorotoluene

Concen: 0.899 ug/l

RT: 11.093 min Scan# 3049

Delta R.T. 0.003 min

Lab File: VU061133.D

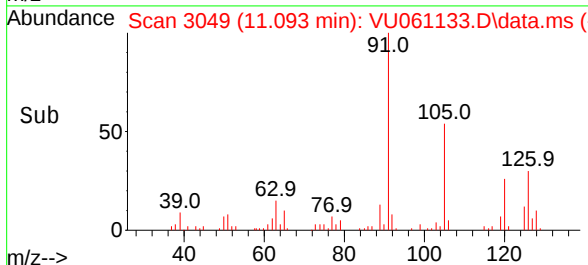
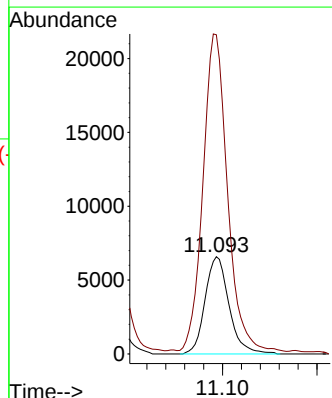
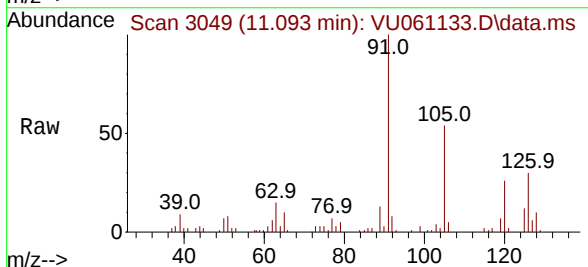
Acq: 16 Oct 2024 10:27

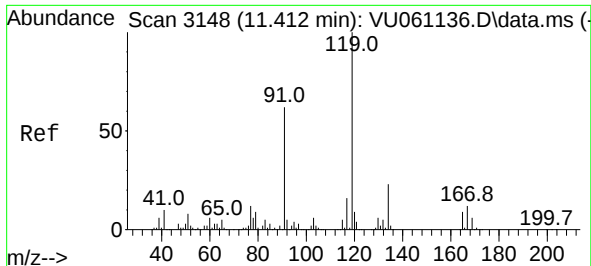
Tgt Ion:126 Resp: 11575

Ion Ratio Lower Upper

126 100

91 333.6 0.0 688.8

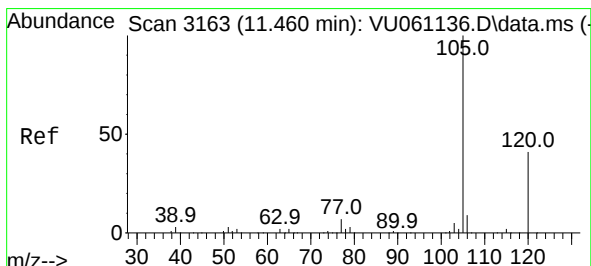
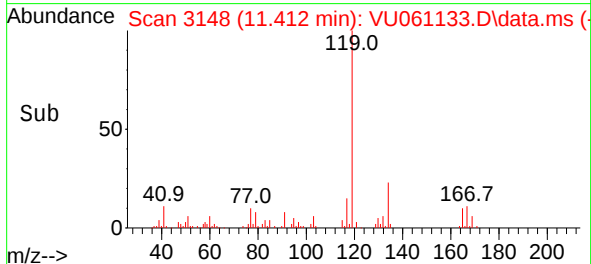
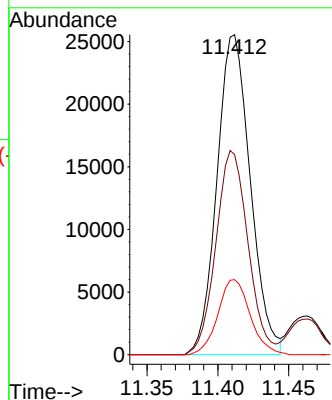
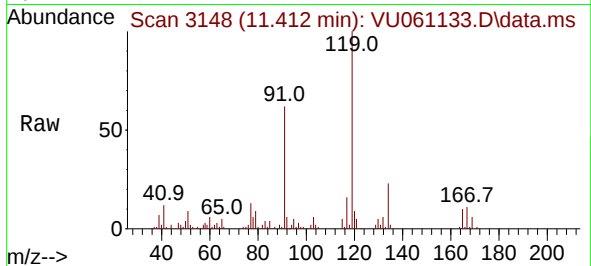




#77
tert-Butylbenzene
Concen: 0.898 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU061133.D
Acq: 16 Oct 2024 10:27

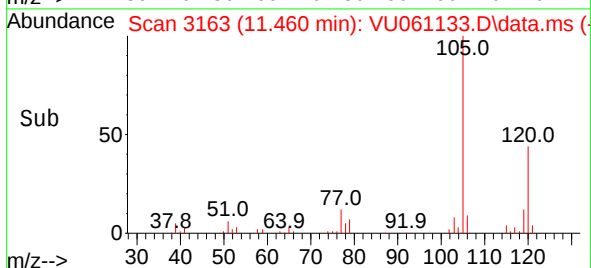
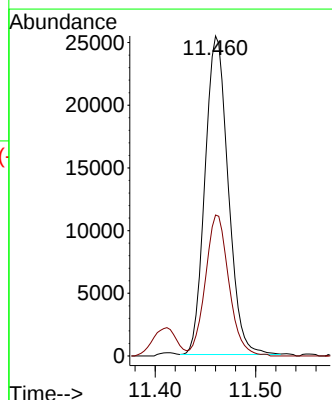
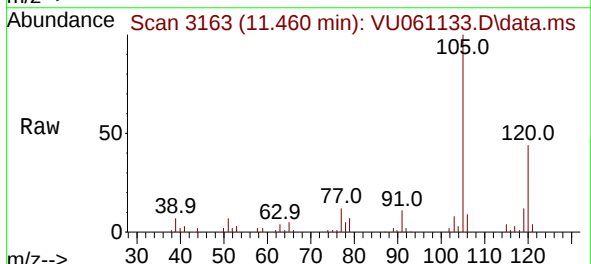
Instrument :
MSVOA_U
ClientSampleId :

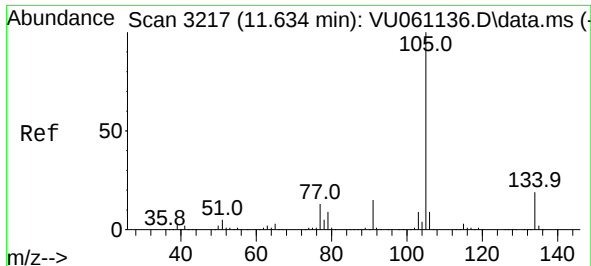
Tgt Ion:119 Resp: 42005
Ion Ratio Lower Upper
119 100
91 61.3 30.0 90.0
134 22.7 17.6 26.4



#78
1,2,4-Trimethylbenzene
Concen: 0.887 ug/l
RT: 11.460 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VU061133.D
Acq: 16 Oct 2024 10:27

Tgt Ion:105 Resp: 40690
Ion Ratio Lower Upper
105 100
120 45.1 22.2 66.6





#79

sec-Butylbenzene

Concen: 0.914 ug/l

RT: 11.637 min Scan# 3217

Delta R.T. 0.003 min

Lab File: VU061133.D

Acq: 16 Oct 2024 10:27

Instrument :

MSVOA_U

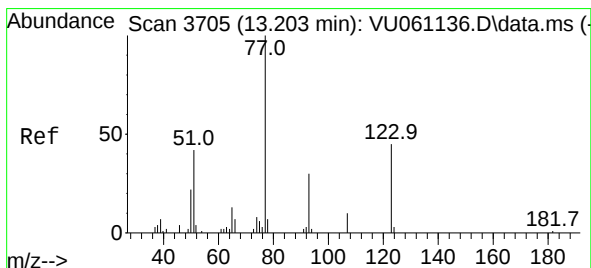
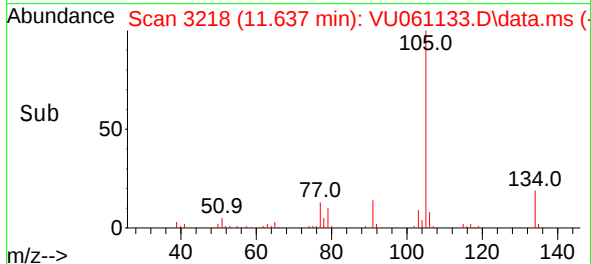
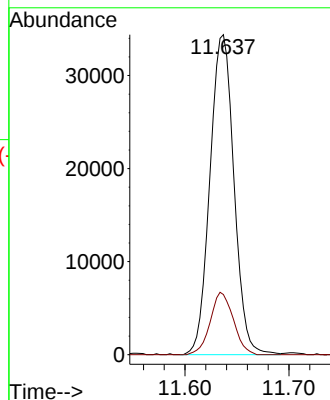
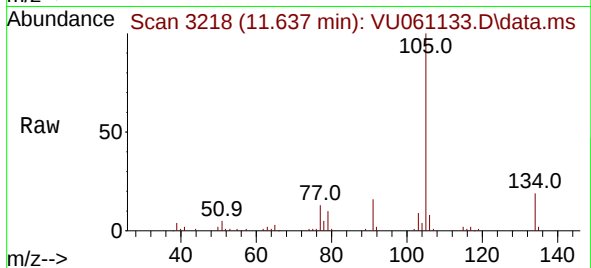
ClientSampleId :

Tgt Ion:105 Resp: 55256

Ion Ratio Lower Upper

105 100

134 18.7 15.5 23.3



#80

Nitrobenzene

Concen: 6.359 ug/l

RT: 13.235 min Scan# 3715

Delta R.T. 0.032 min

Lab File: VU061133.D

Acq: 16 Oct 2024 10:27

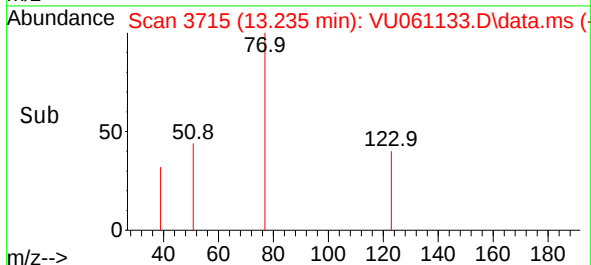
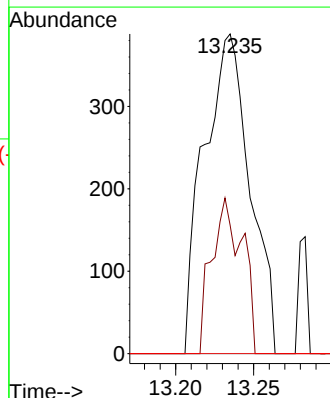
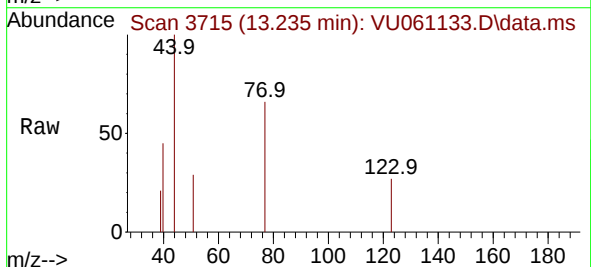
Tgt Ion: 77 Resp: 797

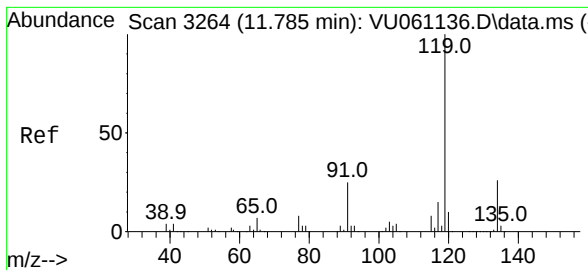
Ion Ratio Lower Upper

77 100

123 32.6 17.4 61.6

65 0.0 12.4 15.8#

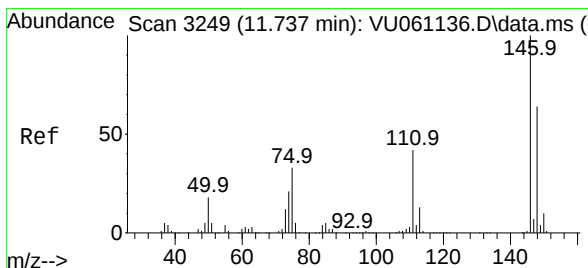
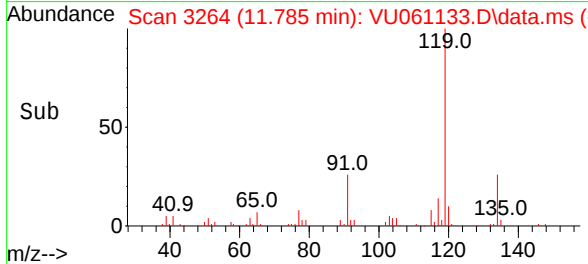
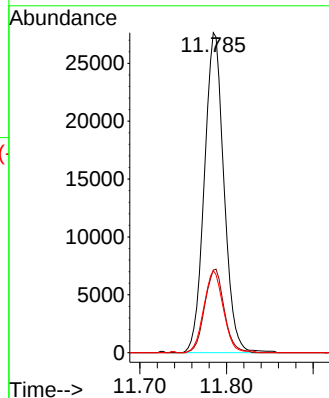
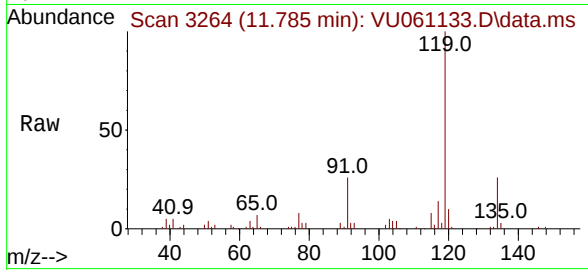




#81
 p-Isopropyltoluene
 Concen: 0.885 ug/l
 RT: 11.785 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU061133.D
 Acq: 16 Oct 2024 10:27

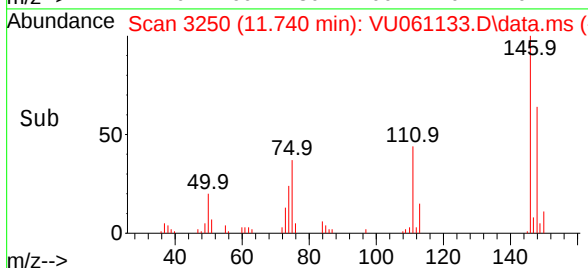
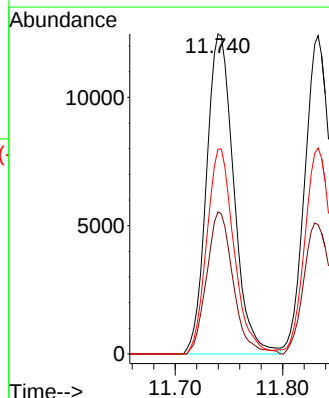
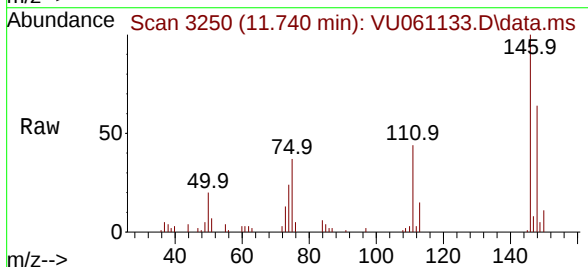
Instrument :
 MSVOA_U
 ClientSampleId :

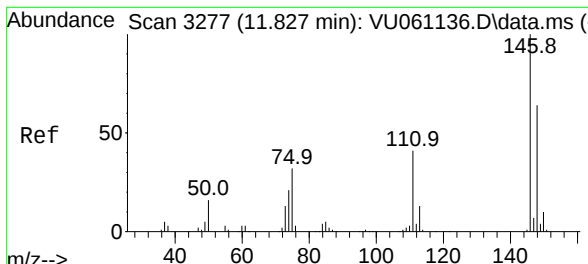
Tgt Ion:	119	Resp:	43400
Ion	Ratio	Lower	Upper
119	100		
134	25.9	20.7	31.1
91	25.5	19.8	29.8



#82
 1,3-Dichlorobenzene
 Concen: 0.891 ug/l
 RT: 11.740 min Scan# 3250
 Delta R.T. 0.003 min
 Lab File: VU061133.D
 Acq: 16 Oct 2024 10:27

Tgt Ion:	146	Resp:	21981
Ion	Ratio	Lower	Upper
146	100		
111	43.0	34.0	51.0
148	63.8	50.8	76.2

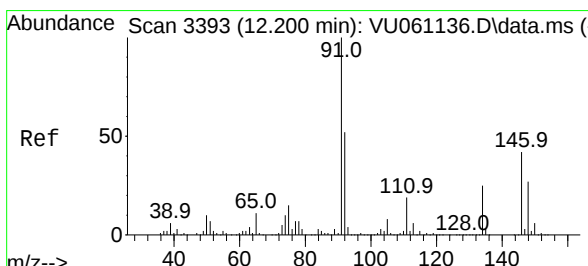
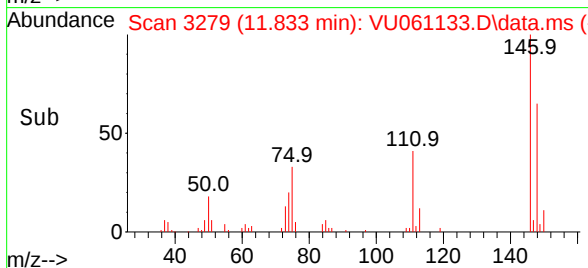
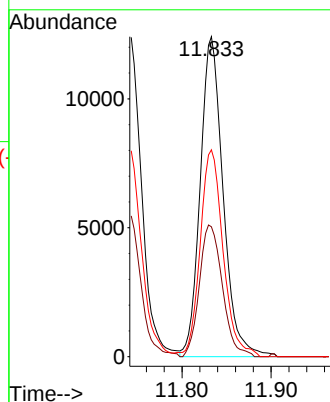
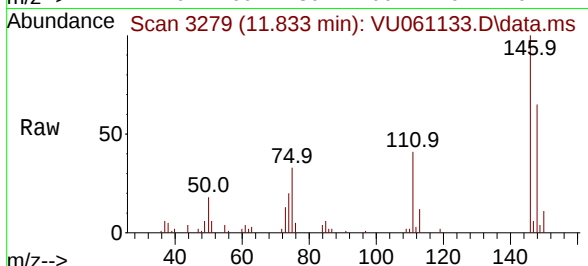




#83
1,4-Dichlorobenzene
Concen: 0.903 ug/l
RT: 11.833 min Scan# 3277
Delta R.T. 0.006 min
Lab File: VU061133.D
Acq: 16 Oct 2024 10:27

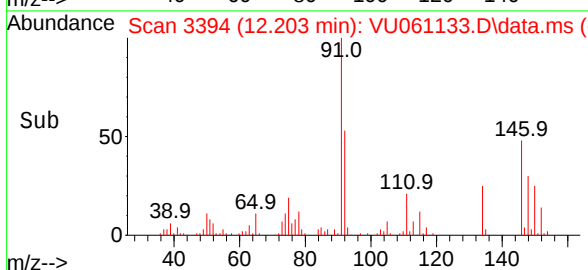
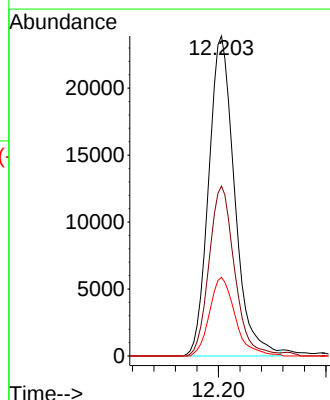
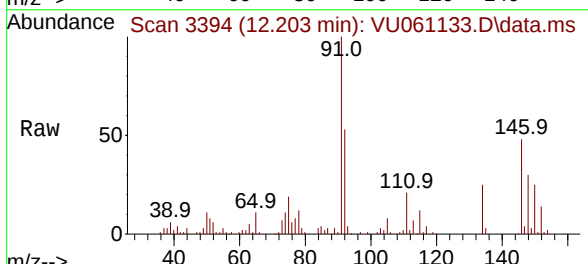
Instrument :
MSVOA_U
ClientSampleId :

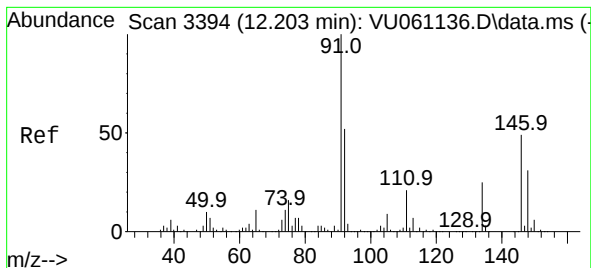
Tgt Ion:146 Resp: 22145
Ion Ratio Lower Upper
146 100
111 41.3 33.0 49.6
148 64.8 51.2 76.8



#84
n-Butylbenzene
Concen: 0.847 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. 0.003 min
Lab File: VU061133.D
Acq: 16 Oct 2024 10:27

Tgt Ion: 91 Resp: 40015
Ion Ratio Lower Upper
91 100
92 52.2 41.7 62.5
134 24.4 19.8 29.6





#85

1,2-Dichlorobenzene

Concen: 0.908 ug/l

RT: 12.206 min Scan# 3394

Delta R.T. 0.003 min

Lab File: VU061133.D

Acq: 16 Oct 2024 10:27

Instrument :

MSVOA_U

ClientSampleId :

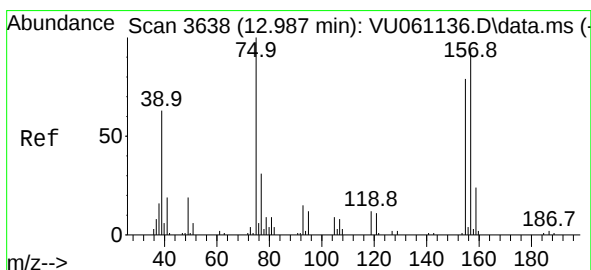
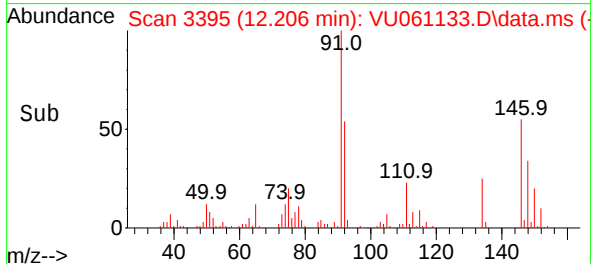
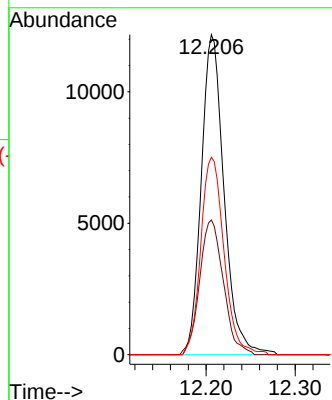
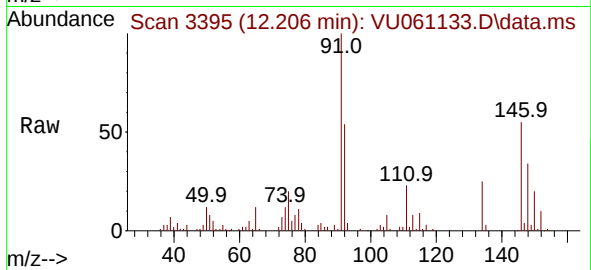
Tgt Ion:146 Resp: 21580

Ion Ratio Lower Upper

146 100

111 43.9 21.7 65.1

148 63.1 31.5 94.5



#86

1,2-Dibromo-3-Chloropropane

Concen: 0.791 ug/l

RT: 12.994 min Scan# 3640

Delta R.T. 0.006 min

Lab File: VU061133.D

Acq: 16 Oct 2024 10:27

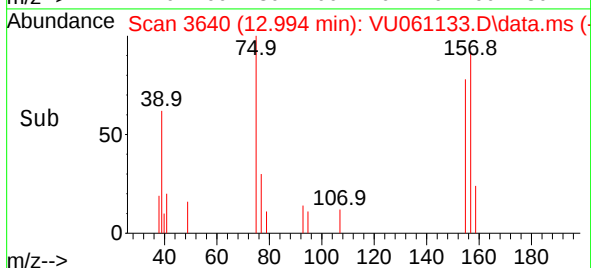
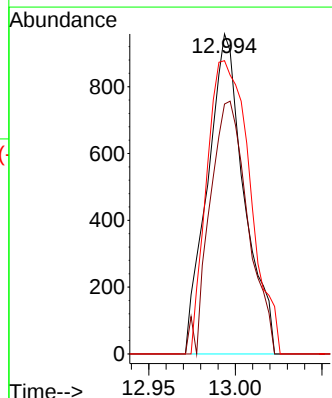
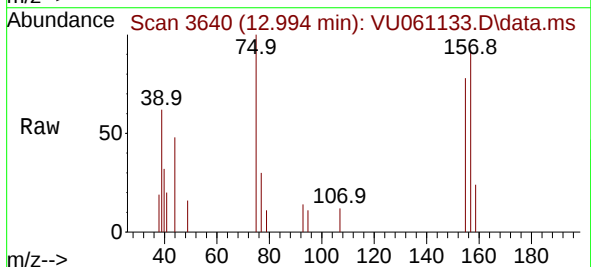
Tgt Ion: 75 Resp: 1412

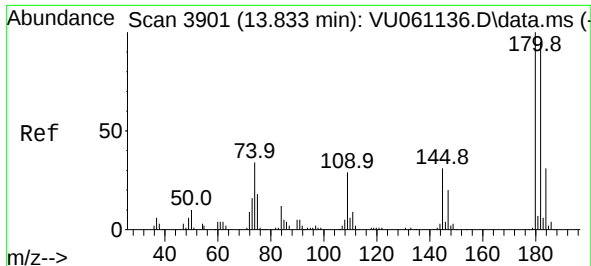
Ion Ratio Lower Upper

75 100

155 81.5 61.3 91.9

157 107.7 78.9 118.3

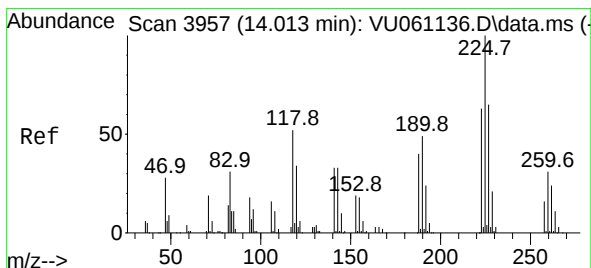
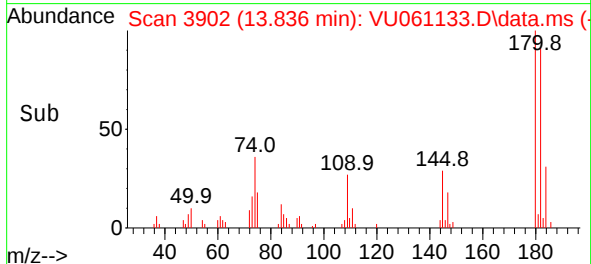
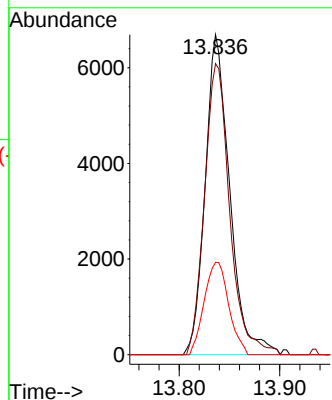
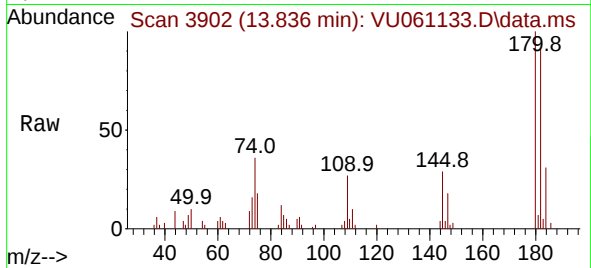




#87
1,2,4-Trichlorobenzene
Concen: 0.800 ug/l
RT: 13.836 min Scan# 3901
Delta R.T. 0.003 min
Lab File: VU061133.D
Acq: 16 Oct 2024 10:27

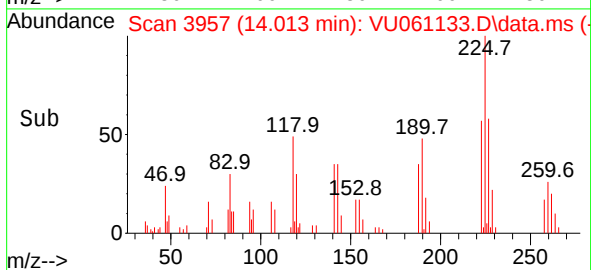
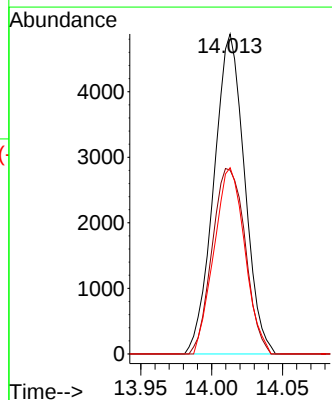
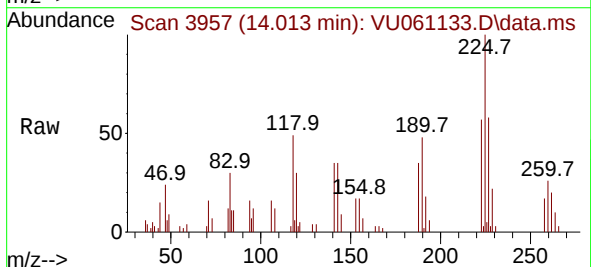
Instrument :
MSVOA_U
ClientSampleId :

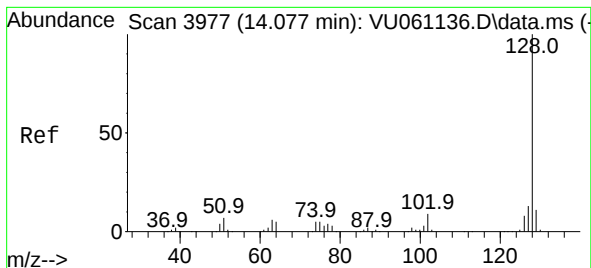
Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.3	74.8	112.2
145	28.8	24.9	37.3



#88
Hexachlorobutadiene
Concen: 0.934 ug/l
RT: 14.013 min Scan# 3957
Delta R.T. -0.000 min
Lab File: VU061133.D
Acq: 16 Oct 2024 10:27

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	51.4	77.0
227	58.5	51.2	76.8





#89

Naphthalene

Concen: 0.768 ug/l

RT: 14.090 min Scan# 3981

Delta R.T. 0.013 min

Lab File: VU061133.D

Acq: 16 Oct 2024 10:27

Instrument :

MSVOA_U

ClientSampleId :

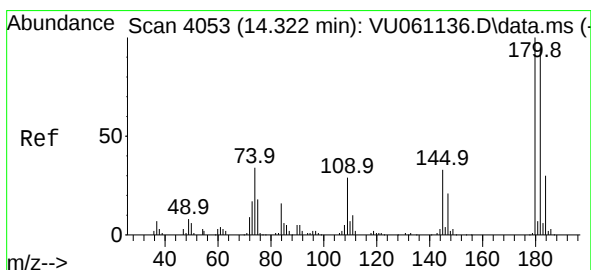
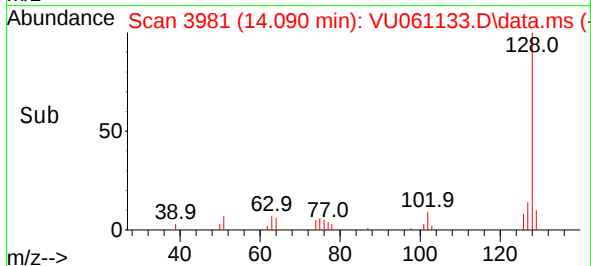
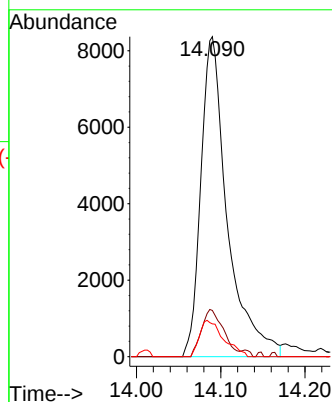
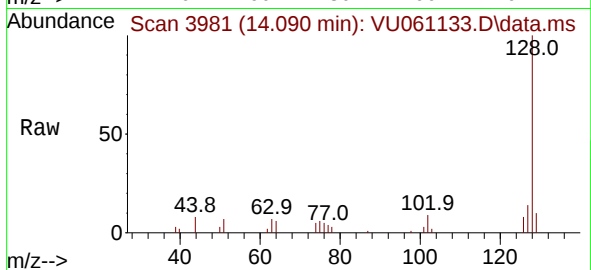
Tgt Ion:128 Resp: 18297

Ion Ratio Lower Upper

128 100

127 12.2 10.5 15.7

129 10.3 8.8 13.2



#90

1,2,3-Trichlorobenzene

Concen: 0.814 ug/l

RT: 14.325 min Scan# 4054

Delta R.T. 0.003 min

Lab File: VU061133.D

Acq: 16 Oct 2024 10:27

Tgt Ion:180 Resp: 9775

Ion Ratio Lower Upper

180 100

182 92.0 76.6 114.8

145 32.8 27.3 40.9

