

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101624\
 Data File : VU061132.D
 Acq On : 16 Oct 2024 10:02
 Operator : MD/SY
 Sample : VSTDIC0.5
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 17 04:50:15 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	30232	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	14702	0.942	ug/l	0.00
Spiked Amount 1.000			Recovery	=	94.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	13693	0.901	ug/l	0.00
Spiked Amount 1.000			Recovery	=	90.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	2909	0.494	ug/l	99
3) Chloromethane	1.515	50	2359	0.584	ug/l	99
4) Vinyl Chloride	1.599	62	2170	0.457	ug/l	91
5) Bromomethane	1.856	94	1768	0.555	ug/l	91
6) Chloroethane	1.927	64	2663	0.538	ug/l	99
7) Trichlorofluoromethane	2.132	101	5453	0.477	ug/l	94
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	3456	0.470	ug/l	98
9) 1,1-Dichloroethene	2.573	96	2443	0.467	ug/l	96
10) Iodomethane	2.718	142	1952	0.413	ug/l	91
11) Allyl Chloride	2.917	41	4407	0.522	ug/l	92
12) Acrylonitrile	3.345	53	826	0.389	ug/l	# 42
13) Acetone	2.640	43	8501	2.593	ug/l	96
14) Carbon Disulfide	2.788	76	2427	0.581	ug/l	96
15) Methylene Chloride	3.039	84	5075	0.565	ug/l	92
16) trans-1,2-Dichloroethene	3.354	96	2822	0.478	ug/l	95
17) 1,1-Dichloroethane	3.862	63	8744	0.494	ug/l	96
18) 2-Butanone	4.743	43	6560	1.757	ug/l	95
19) Cyclohexane	5.377	56	3263	0.438	ug/l	# 86
20) Methylcyclohexane	6.753	83	4384	0.463	ug/l	98
21) 2,2-Dichloropropane	4.653	77	8353	0.487	ug/l	95
22) cis-1,2-Dichloroethene	4.663	96	4667	0.467	ug/l	98
23) Diethyl Ether	2.370	59	2790	0.487	ug/l	97
24) tert-Butyl Alcohol	3.232	59	5614	5.839	ug/l	# 77
25) Methyl tert-Butyl Ether	3.354	73	12236	0.465	ug/l	# 91
26) Bromochloromethane	4.975	128	1833	0.440	ug/l	90
27) Chloroform	5.084	83	10561	0.496	ug/l	100
28) 1,1,1-Trichloroethane	5.306	97	8079	0.479	ug/l	95
29) 1,1-Dichloropropene	5.521	75	4572	0.468	ug/l	91
30) Carbon Tetrachloride	5.515	117	6185	0.476	ug/l	98
31) Isopropyl Ether	3.988	45	13874	0.480	ug/l	100
32) Ethyl-t-butyl ether	4.493	59	14420	0.471	ug/l	98
33) Tert-Amyl methyl ether	5.933	73	13394	0.471	ug/l	98
34) Propionitrile	4.817	54	786	0.905	ug/l	# 81
35) Benzene	5.769	78	17031	0.497	ug/l	99
36) 1,2-Dichloroethane	5.798	62	5539	0.469	ug/l	97
37) Trichloroethene	6.537	130	4558	0.480	ug/l	99
38) 1,2-Dichloropropane	6.788	63	5340	0.469	ug/l	92
39) Methacrylonitrile	4.988	41	382	0.130	ug/l	# 67
40) Methyl acrylate	4.862	55	234	0.047	ug/l	# 69
41) Tetrahydrofuran	5.068	42	641	0.404	ug/l	# 1
42) 1-Chlorobutane	5.454	56	6636	0.481	ug/l	95
43) Dibromomethane	6.914	93	2507	0.473	ug/l	98
44) Bromodichloromethane	7.097	83	7510	0.467	ug/l	88

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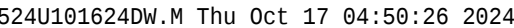
Instrument :
 MSVOA_U
 ClientSampleId :

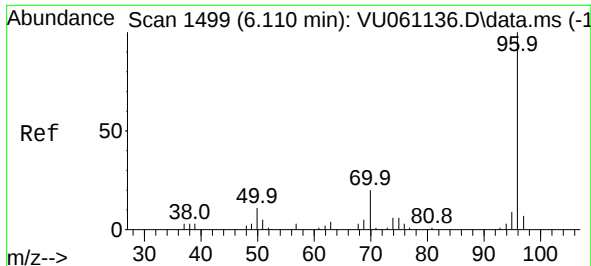
Quant Time: Oct 17 04:50:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101624DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.788	43	17130	2.464	ug/l	95
46) t-1,4-Dichloro-2-butene	10.817	75	6702	2.254	ug/l #	45
47) Methyl methacrylate	6.965	69	4809	0.887	ug/l	91
48) Ethyl methacrylate	8.338	69	5244	0.464	ug/l	87
49) Toluene	7.965	92	10793	0.463	ug/l	93
50) t-1,3-Dichloropropene	8.213	75	6296	0.445	ug/l	95
51) cis-1,3-Dichloropropene	7.605	75	7886	0.478	ug/l	98
52) 1,1,2-Trichloroethane	8.396	97	4415	0.491	ug/l	98
53) 1,3-Dichloropropane	8.573	76	6976	0.479	ug/l	99
54) 2-Hexanone	8.688	43	13679	2.237	ug/l	96
55) Dibromochloromethane	8.804	129	4904	0.452	ug/l	98
56) 1,2-Dibromoethane	8.920	107	3720	0.491	ug/l	91
58) Tetrachloroethene	8.547	164	4009	0.483	ug/l	89
59) Chlorobenzene	9.444	112	14271	0.473	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.524	131	5673	0.482	ug/l	97
61) Pentachloroethane	11.418	117	4068	0.448	ug/l	97
62) Hexachloroethane	12.466	117	4184	0.442	ug/l	92
63) Ethyl Benzene	9.563	91	25109	0.487	ug/l	96
64) m/p-Xylenes	9.688	106	17888	0.932	ug/l	98
65) o-Xylene	10.097	106	9629	0.474	ug/l	95
66) Styrene	10.113	104	14382	0.444	ug/l	98
67) Bromoform	10.287	173	2841	0.487	ug/l #	85
69) Isopropylbenzene	10.476	105	25988	0.471	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.772	83	5475	0.463	ug/l	98
71) 1,2,3-Trichloropropane	10.817	75	6702	0.729	ug/l #	80
72) Bromobenzene	10.778	156	5641	0.467	ug/l	98
73) n-propylbenzene	10.901	120	6314	0.438	ug/l	97
74) 2-Chlorotoluene	10.981	126	6120	0.467	ug/l	98
75) 1,3,5-Trimethylbenzene	11.081	105	21225	0.458	ug/l	99
76) 4-Chlorotoluene	11.094	126	5920	0.446	ug/l	100
77) tert-Butylbenzene	11.412	119	22049	0.457	ug/l	98
78) 1,2,4-Trimethylbenzene	11.463	105	21249	0.449	ug/l	97
79) sec-Butylbenzene	11.637	105	28450	0.456	ug/l	99
80) Nitrobenzene	13.235	77	263	4.832	ug/l #	44
81) p-Isopropyltoluene	11.785	119	22331	0.441	ug/l	98
82) 1,3-Dichlorobenzene	11.743	146	11706	0.460	ug/l	97
83) 1,4-Dichlorobenzene	11.833	146	11275	0.446	ug/l	95
84) n-Butylbenzene	12.203	91	22185	0.456	ug/l	95
85) 1,2-Dichlorobenzene	12.206	146	11323	0.462	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.997	75	926	0.503	ug/l	87
87) 1,2,4-Trichlorobenzene	13.843	180	6136	0.419	ug/l	99
88) Hexachlorobutadiene	14.013	225	3606	0.444	ug/l	97
89) Naphthalene	14.090	128	10131	0.412	ug/l #	94
90) 1,2,3-Trichlorobenzene	14.328	180	5321	0.430	ug/l	96

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

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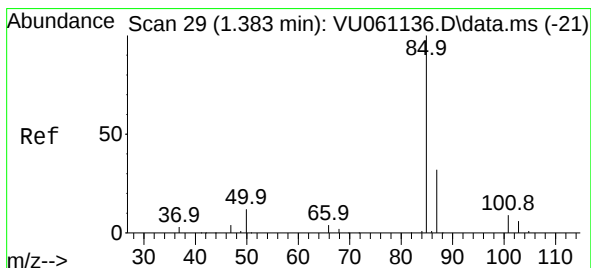
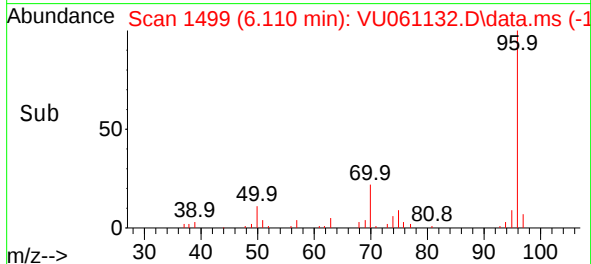
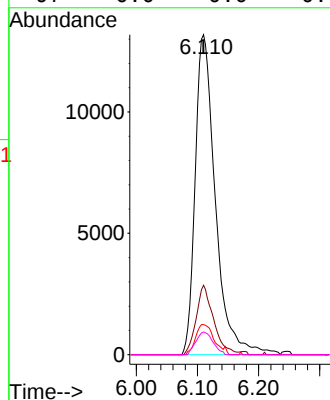
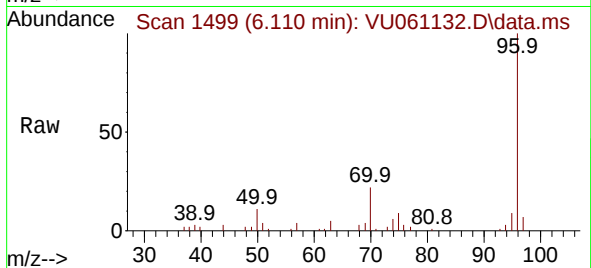




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 1499
Delta R.T. -0.000 min
Lab File: VU061132.D
Acq: 16 Oct 2024 10:02

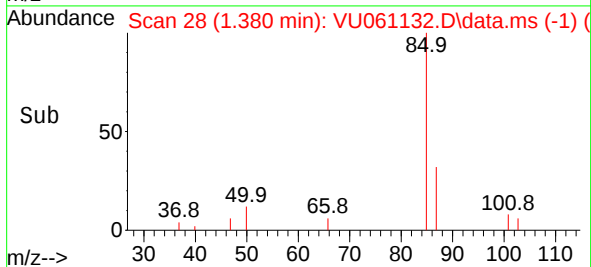
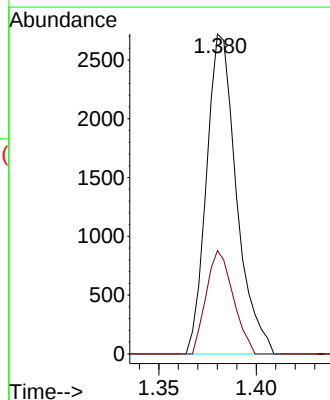
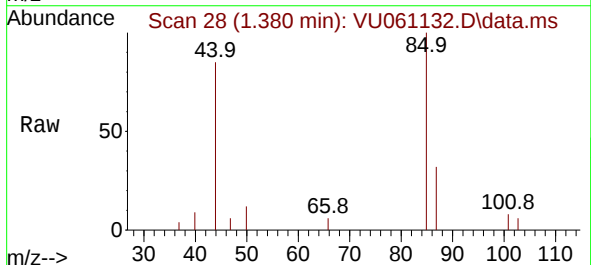
Instrument :
MSVOA_U
ClientSampleId :

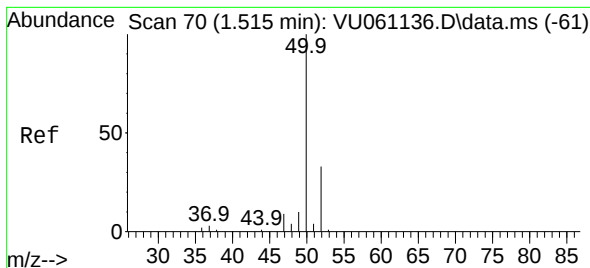
Tgt Ion: 96	Resp: 30232
Ion Ratio	Lower Upper
96	100
70	17.7 16.5 24.7
95	8.7 7.3 10.9
97	6.0 0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 0.494 ug/l
RT: 1.380 min Scan# 28
Delta R.T. -0.003 min
Lab File: VU061132.D
Acq: 16 Oct 2024 10:02

Tgt Ion: 85	Resp: 2909
Ion Ratio	Lower Upper
85	100
87	32.3 16.0 47.9





#3

Chloromethane

Concen: 0.584 ug/l

RT: 1.515 min Scan# 70

Delta R.T. -0.000 min

Lab File: VU061132.D

Acq: 16 Oct 2024 10:02

Instrument :

MSVOA_U

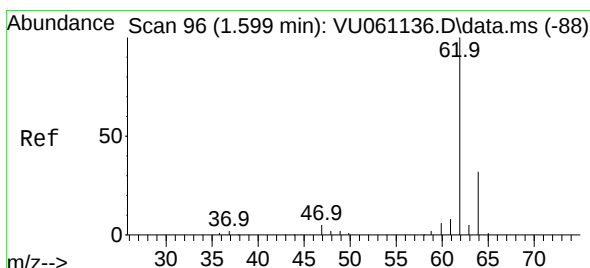
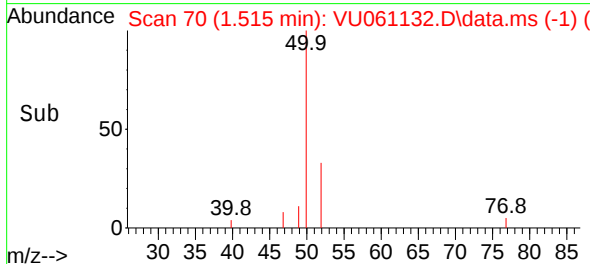
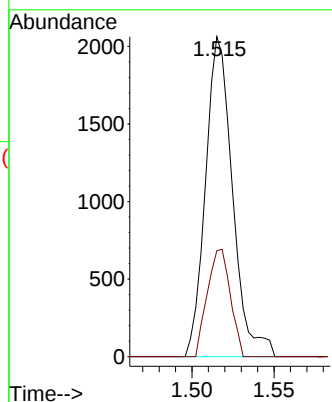
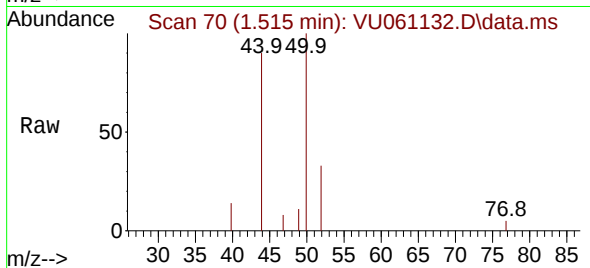
ClientSampleId :

Tgt Ion: 50 Resp: 2359

Ion Ratio Lower Upper

50 100

52 33.1 26.8 40.2



#4

Vinyl Chloride

Concen: 0.457 ug/l

RT: 1.599 min Scan# 96

Delta R.T. -0.000 min

Lab File: VU061132.D

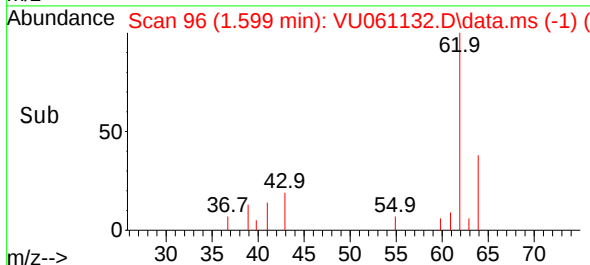
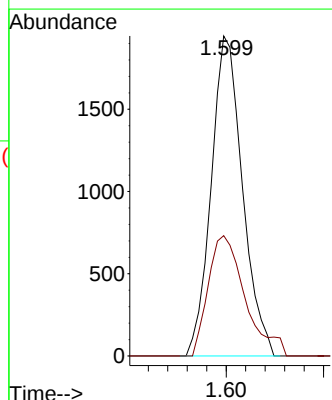
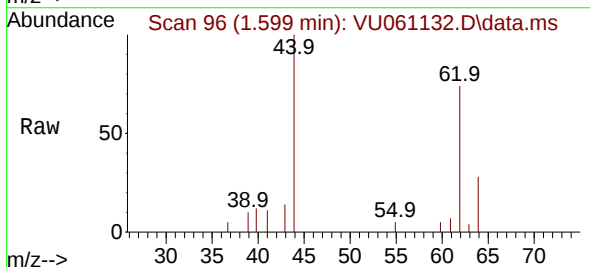
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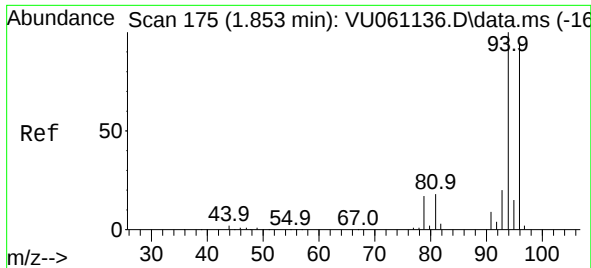
Tgt Ion: 62 Resp: 2170

Ion Ratio Lower Upper

62 100

64 37.6 25.9 38.9

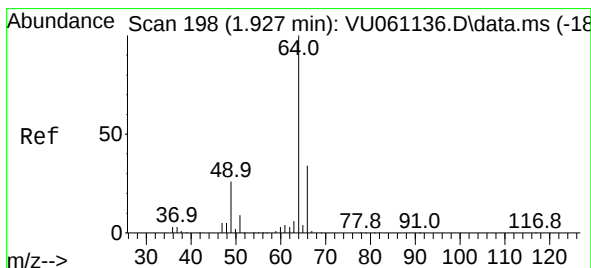
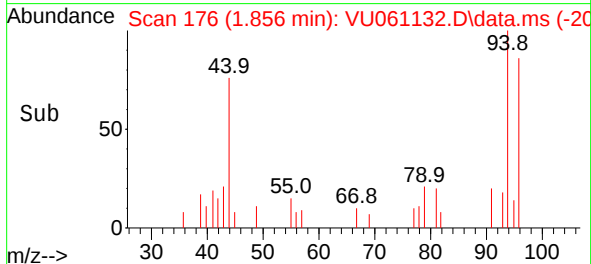
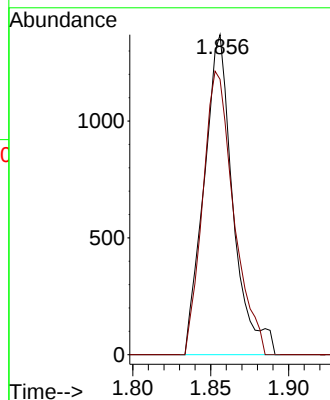
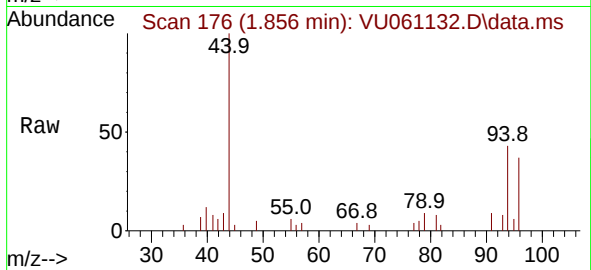




#5
Bromomethane
Concen: 0.555 ug/l
RT: 1.856 min Scan# 176
Delta R.T. 0.003 min
Lab File: VU061132.D
Acq: 16 Oct 2024 10:02

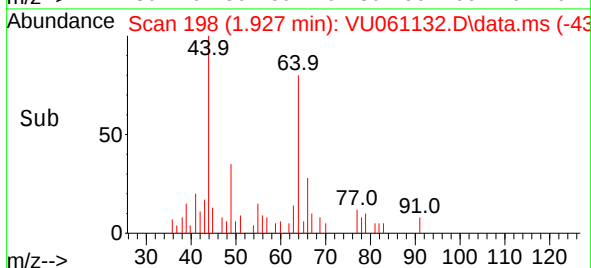
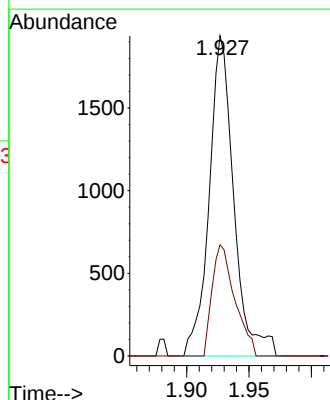
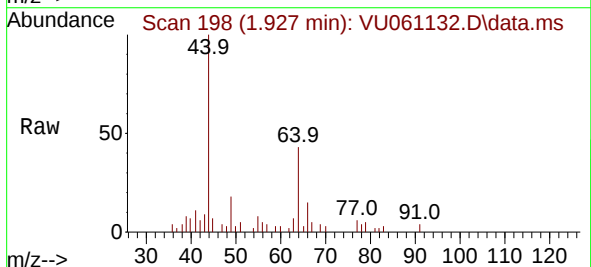
Instrument :
MSVOA_U
ClientSampleId :

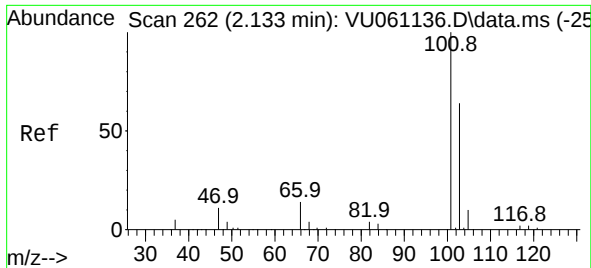
Tgt Ion: 94 Resp: 1768
Ion Ratio Lower Upper
94 100
96 86.1 75.4 113.2



#6
Chloroethane
Concen: 0.538 ug/l
RT: 1.927 min Scan# 198
Delta R.T. -0.000 min
Lab File: VU061132.D
Acq: 16 Oct 2024 10:02

Tgt Ion: 64 Resp: 2663
Ion Ratio Lower Upper
64 100
66 34.8 27.3 40.9

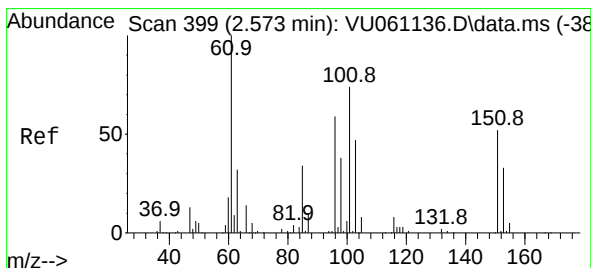
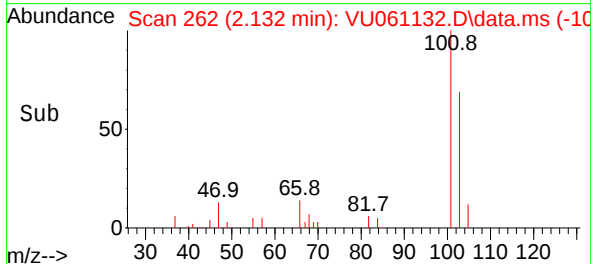
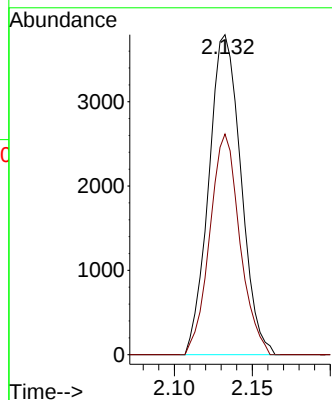
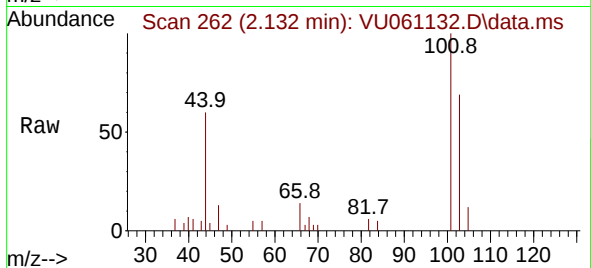




#7
Trichlorofluoromethane
Concen: 0.477 ug/l
RT: 2.132 min Scan# 201
Delta R.T. -0.000 min
Lab File: VU061132.D
Acq: 16 Oct 2024 10:02

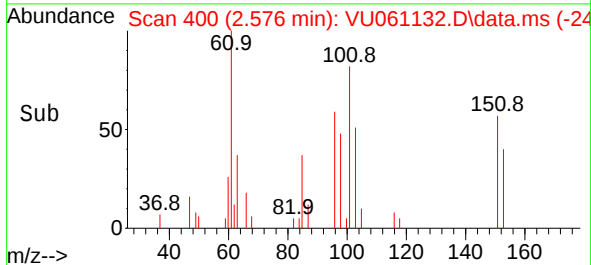
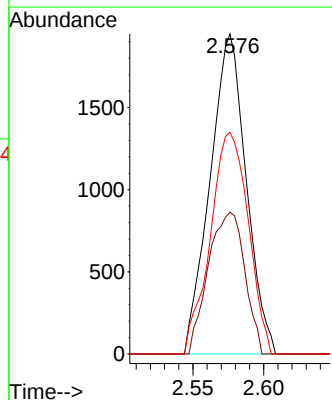
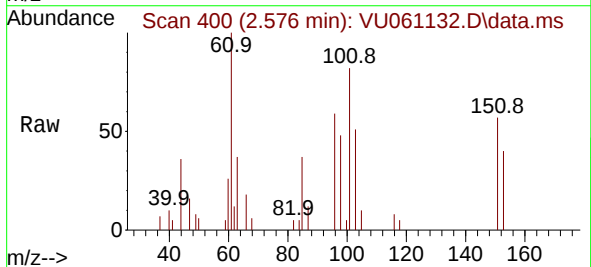
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ClientSampleId :

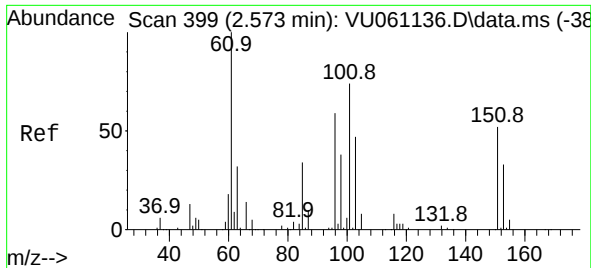
Tgt Ion:101 Resp: 5453
Ion Ratio Lower Upper
101 100
103 69.0 51.1 76.7



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.470 ug/l
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU061132.D
Acq: 16 Oct 2024 10:02

Tgt Ion:101 Resp: 3456
Ion Ratio Lower Upper
101 100
85 44.8 37.2 55.8
151 72.8 57.0 85.6

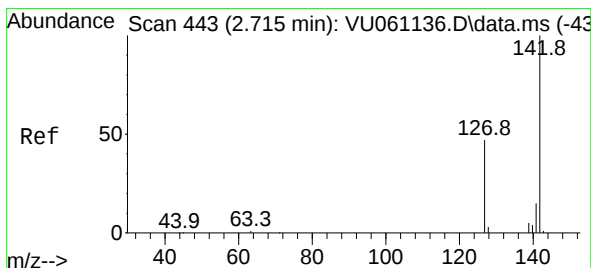
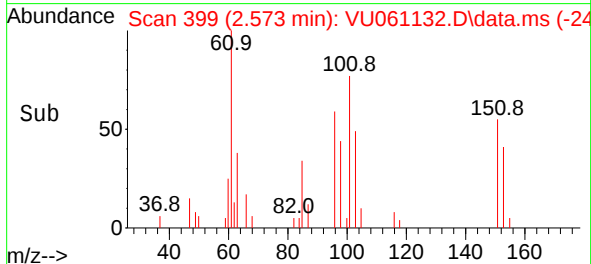
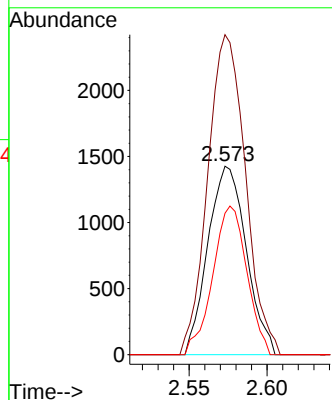
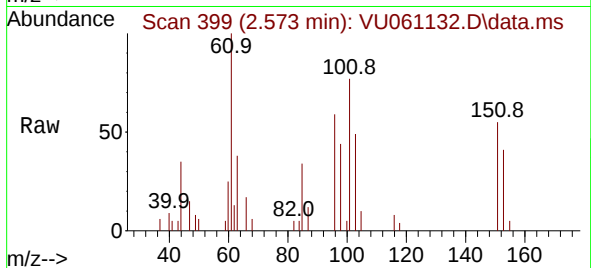




#9
1,1-Dichloroethene
Concen: 0.467 ug/l
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU061132.D
Acq: 16 Oct 2024 10:02

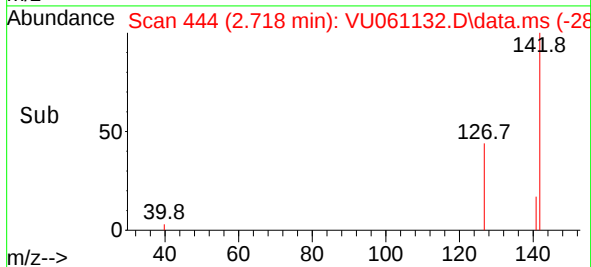
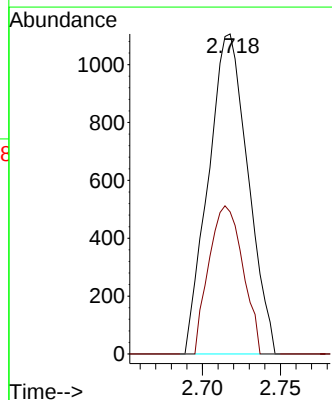
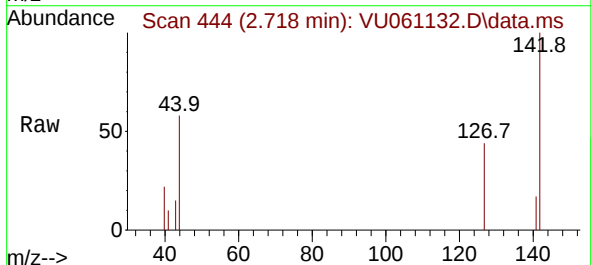
Instrument :
MSVOA_U
ClientSampleId :

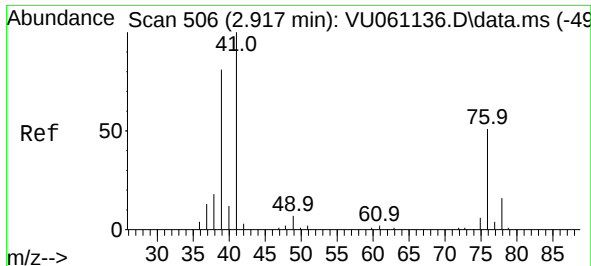
Tgt Ion: 96 Resp: 2443
Ion Ratio Lower Upper
96 100
61 169.8 0.0 505.5
98 75.0 0.0 128.6



#10
Iodomethane
Concen: 0.413 ug/l
RT: 2.718 min Scan# 444
Delta R.T. 0.003 min
Lab File: VU061132.D
Acq: 16 Oct 2024 10:02

Tgt Ion: 142 Resp: 1952
Ion Ratio Lower Upper
142 100
127 39.7 36.2 54.4

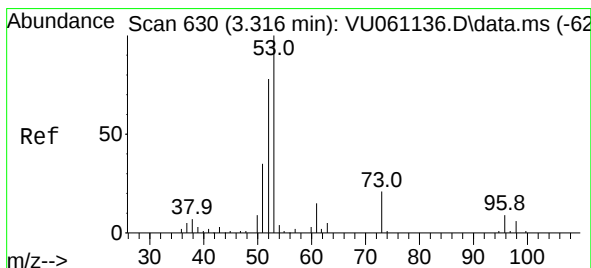
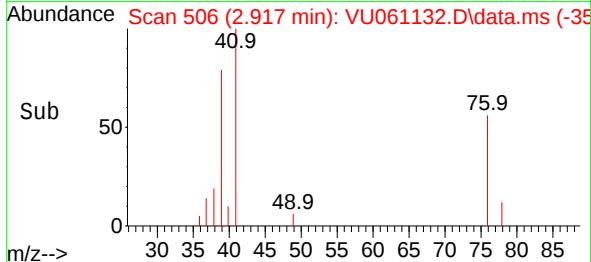
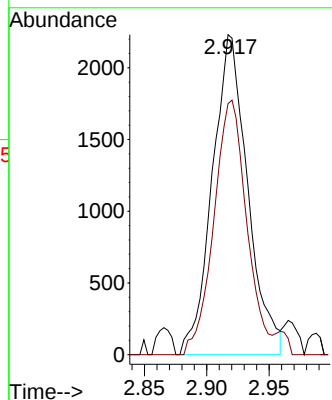
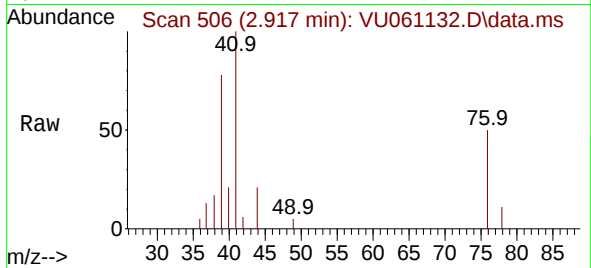




#11
 Allyl Chloride
 Concen: 0.522 ug/l
 RT: 2.917 min Scan# 506
 Delta R.T. -0.000 min
 Lab File: VU061132.D
 Acq: 16 Oct 2024 10:02

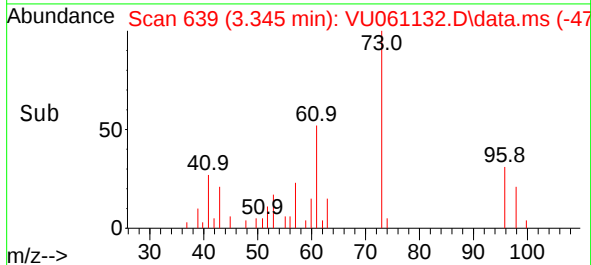
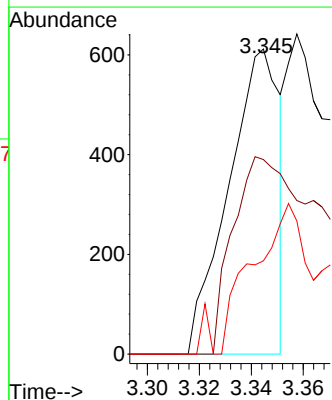
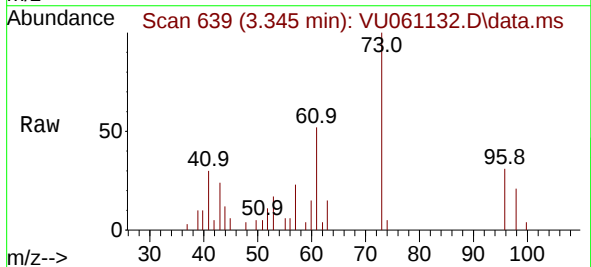
Instrument :
 MSVOA_U
 ClientSampleId :

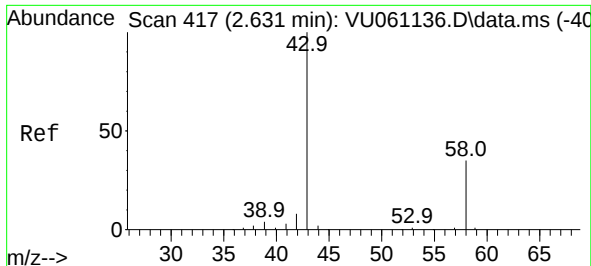
Tgt Ion: 41 Resp: 4407
 Ion Ratio Lower Upper
 41 100
 39 73.9 64.5 96.7



#12
 Acrylonitrile
 Concen: 0.389 ug/l
 RT: 3.345 min Scan# 639
 Delta R.T. 0.029 min
 Lab File: VU061132.D
 Acq: 16 Oct 2024 10:02

Tgt Ion: 53 Resp: 826
 Ion Ratio Lower Upper
 53 100
 52 141.8 61.8 92.6#
 51 51.5 29.4 44.2#





#13

Acetone

Concen: 2.593 ug/l

RT: 2.640 min Scan# 41

Delta R.T. 0.010 min

Lab File: VU061132.D

Acq: 16 Oct 2024 10:02

Instrument :

MSVOA_U

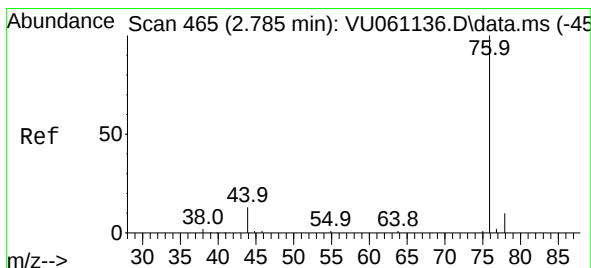
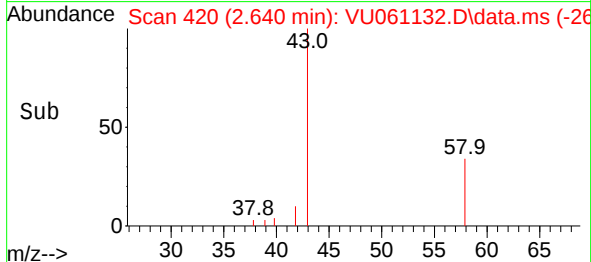
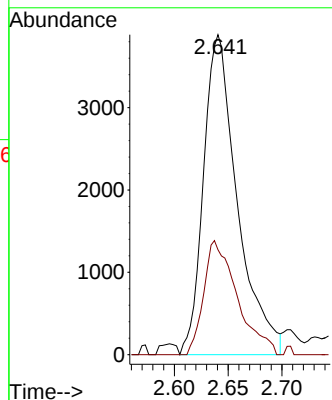
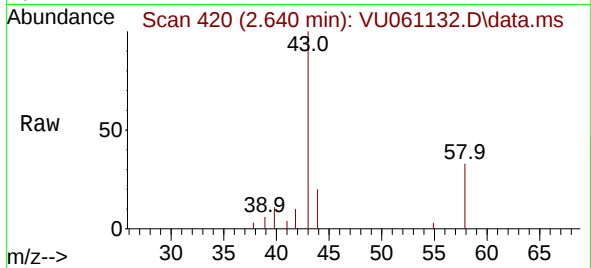
ClientSampleId :

Tgt Ion: 43 Resp: 8501

Ion Ratio Lower Upper

43 100

58 32.8 28.2 42.2



#14

Carbon Disulfide

Concen: 0.581 ug/l

RT: 2.788 min Scan# 466

Delta R.T. 0.003 min

Lab File: VU061132.D

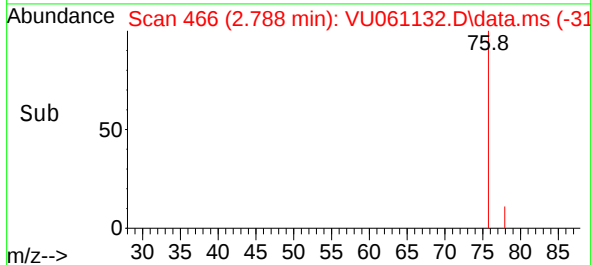
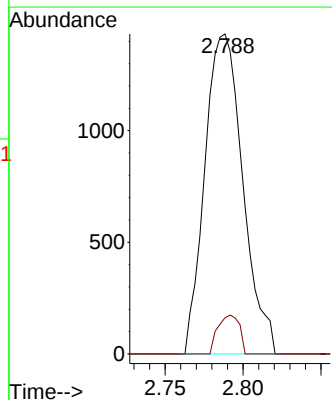
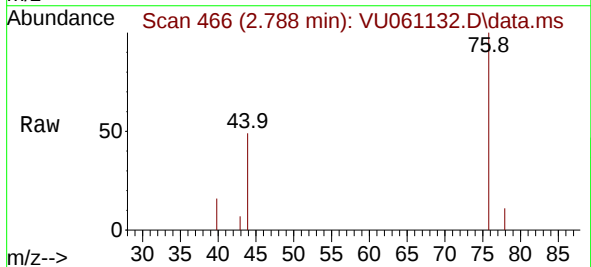
Acq: 16 Oct 2024 10:02

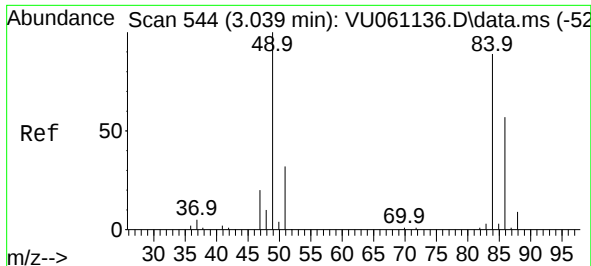
Tgt Ion: 76 Resp: 2427

Ion Ratio Lower Upper

76 100

78 11.3 7.8 11.6





#15

Methylene Chloride

Concen: 0.565 ug/l

RT: 3.039 min Scan# 544

Delta R.T. -0.000 min

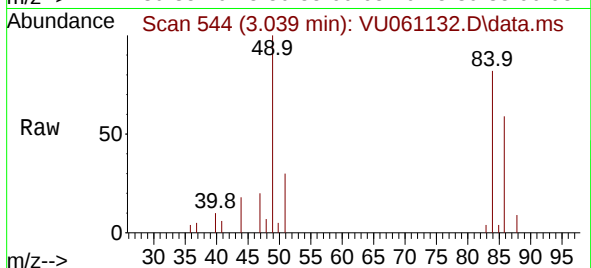
Lab File: VU061132.D

Acq: 16 Oct 2024 10:02

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 84 Resp: 5075

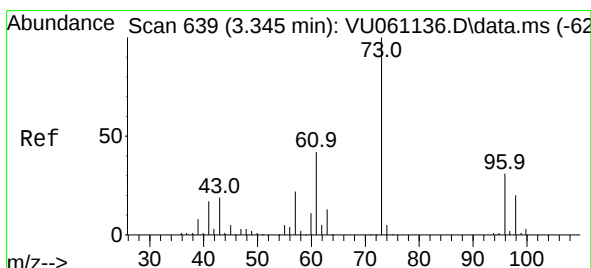
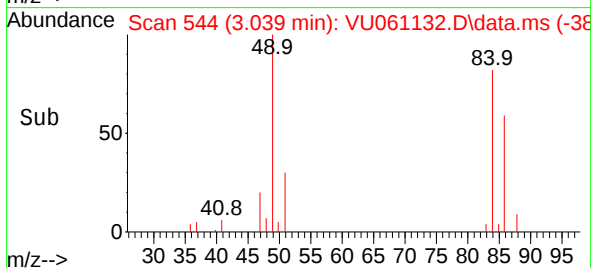
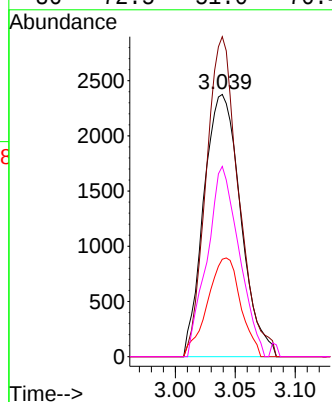
Ion Ratio Lower Upper

84 100

49 122.0 89.9 134.9

51 37.2 0.0 72.0

86 72.5 51.0 76.4



#16

trans-1,2-Dichloroethene

Concen: 0.478 ug/l

RT: 3.354 min Scan# 642

Delta R.T. 0.010 min

Lab File: VU061132.D

Acq: 16 Oct 2024 10:02

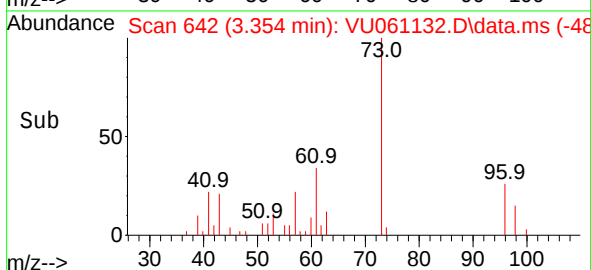
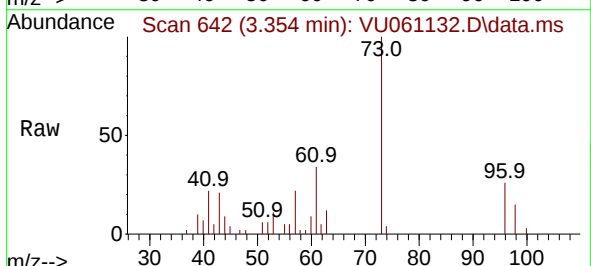
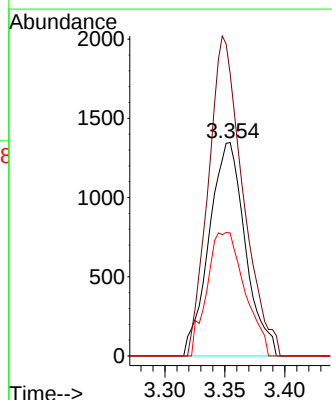
Tgt Ion: 96 Resp: 2822

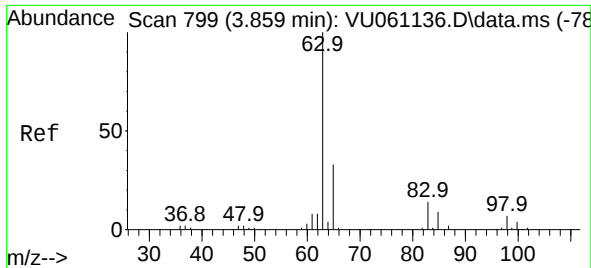
Ion Ratio Lower Upper

96 100

61 132.4 109.1 163.7

98 57.6 51.8 77.6

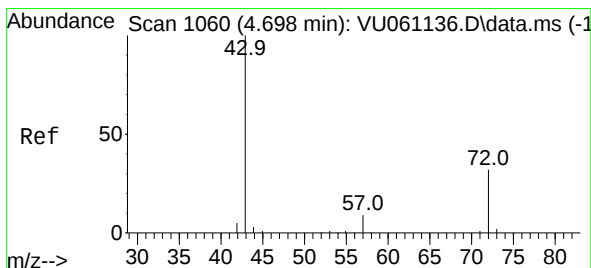
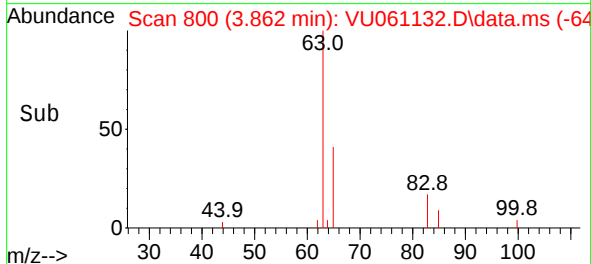
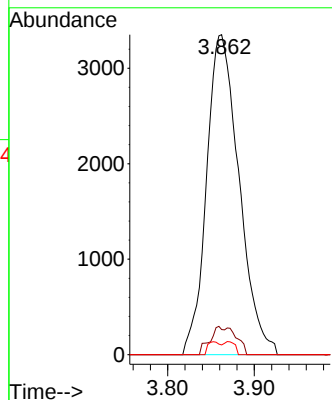
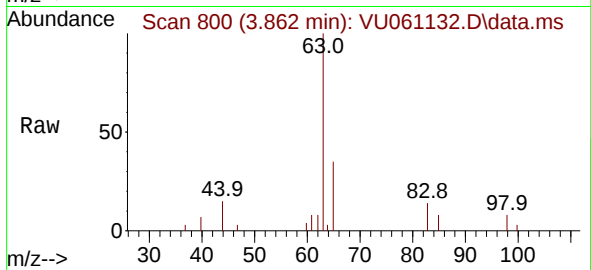




#17
1,1-Dichloroethane
Concen: 0.494 ug/l
RT: 3.862 min Scan# 80
Delta R.T. 0.003 min
Lab File: VU061132.D
Acq: 16 Oct 2024 10:02

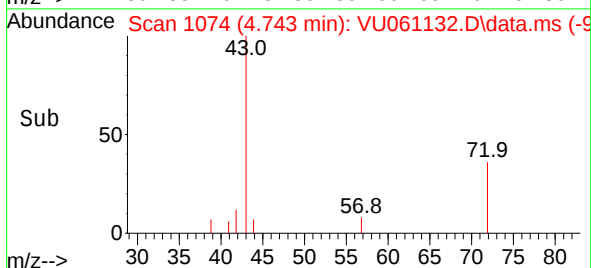
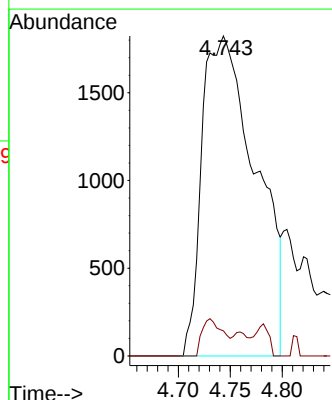
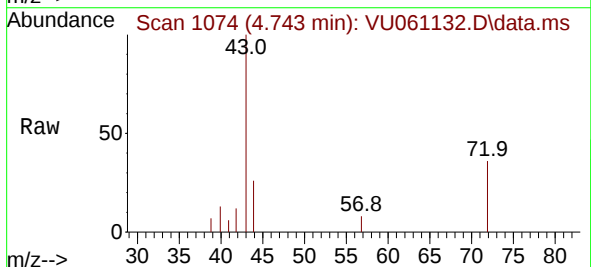
Instrument :
MSVOA_U
ClientSampleId :

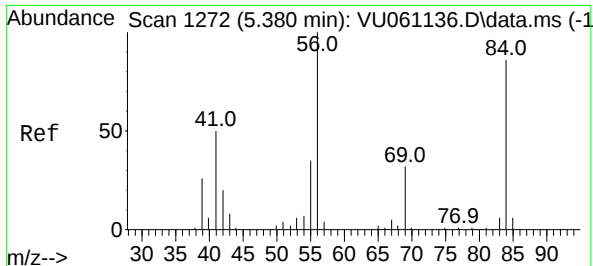
Tgt Ion: 63 Resp: 8744
Ion Ratio Lower Upper
63 100
98 7.8 3.3 9.9
100 3.0 2.1 6.5



#18
2-Butanone
Concen: 1.757 ug/l
RT: 4.743 min Scan# 1074
Delta R.T. 0.045 min
Lab File: VU061132.D
Acq: 16 Oct 2024 10:02

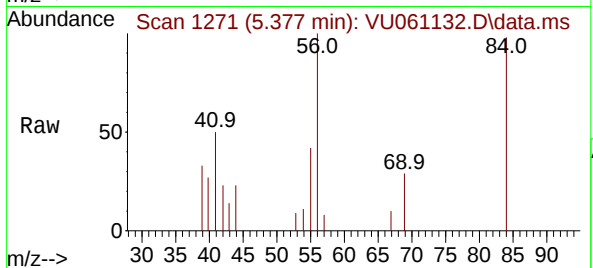
Tgt Ion: 43 Resp: 6560
Ion Ratio Lower Upper
43 100
57 7.8 0.0 19.0



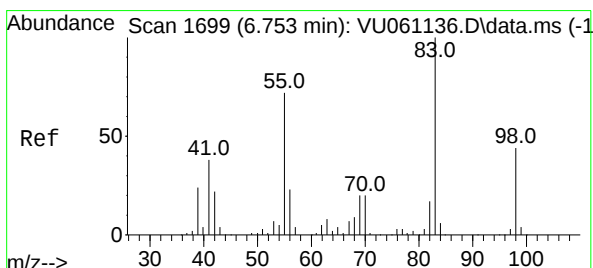
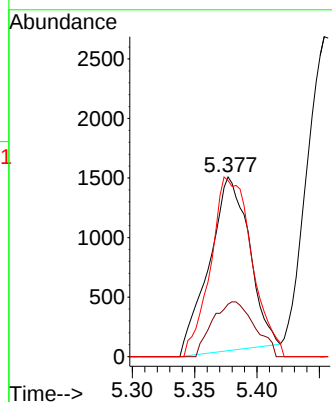
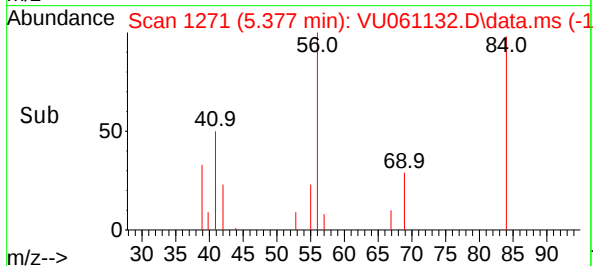


#19
Cyclohexane
Concen: 0.438 ug/l
RT: 5.377 min Scan# 1271
Delta R.T. -0.003 min
Lab File: VU061132.D
Acq: 16 Oct 2024 10:02

Instrument :
MSVOA_U
ClientSampleId :

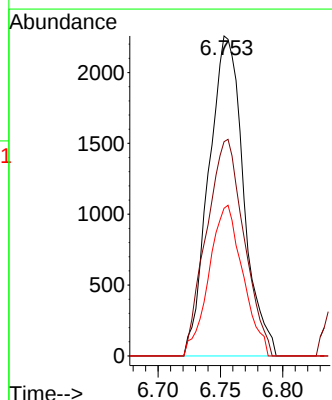
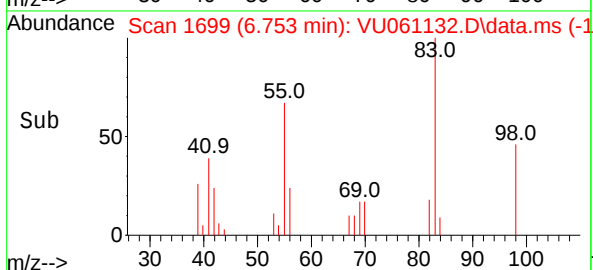
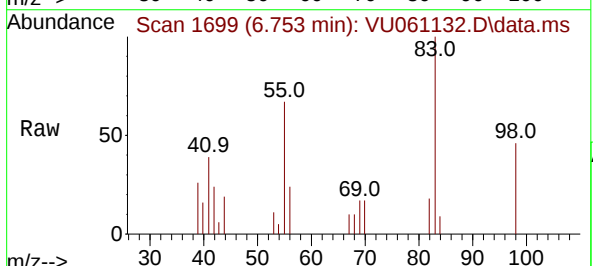


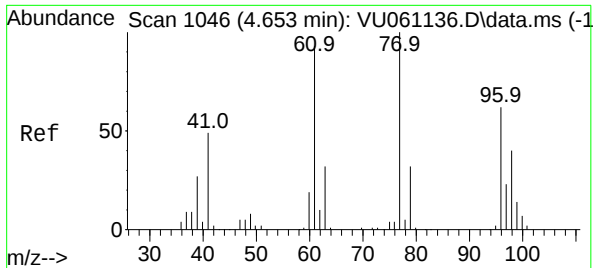
Tgt Ion: 56 Resp: 3263
Ion Ratio Lower Upper
56 100
69 33.2 25.8 38.8
84 105.9 70.4 105.6#



#20
Methylcyclohexane
Concen: 0.463 ug/l
RT: 6.753 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VU061132.D
Acq: 16 Oct 2024 10:02

Tgt Ion: 83 Resp: 4384
Ion Ratio Lower Upper
83 100
55 73.1 56.7 85.1
98 45.9 36.9 55.3

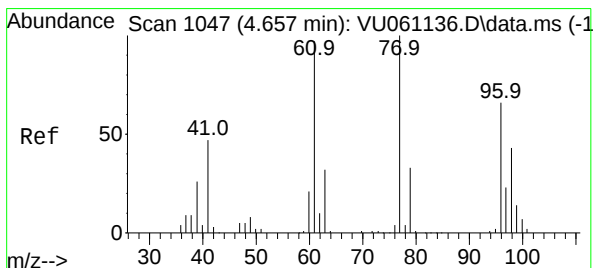
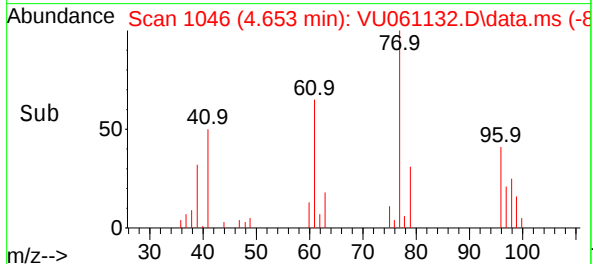
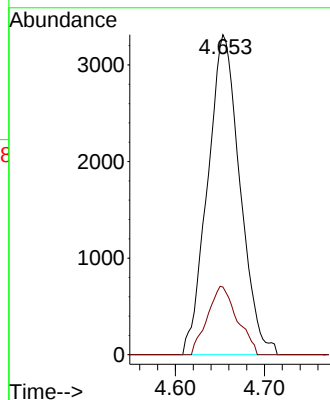
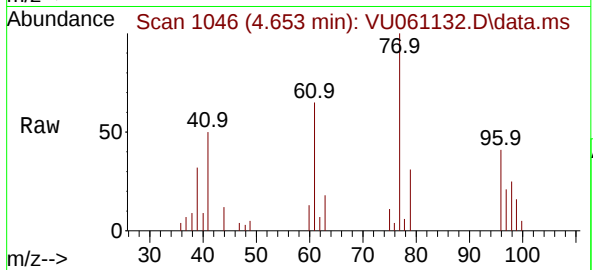




#21
2,2-Dichloropropane
Concen: 0.487 ug/l
RT: 4.653 min Scan# 1046
Delta R.T. -0.000 min
Lab File: VU061132.D
Acq: 16 Oct 2024 10:02

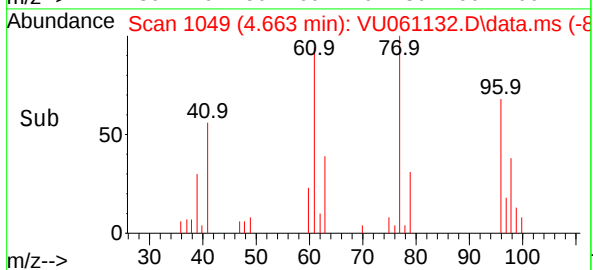
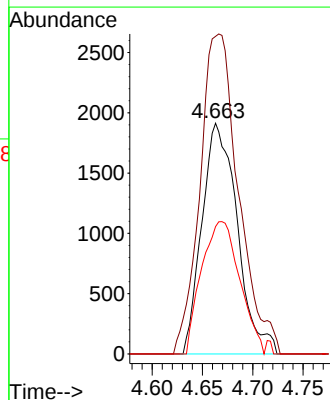
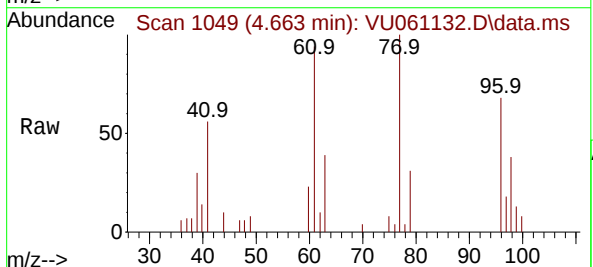
Instrument :
MSVOA_U
ClientSampleId :

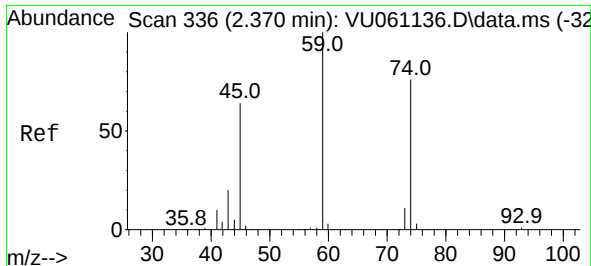
Tgt Ion: 77 Resp: 8353
Ion Ratio Lower Upper
77 100
97 19.6 17.8 26.6



#22
cis-1,2-Dichloroethene
Concen: 0.467 ug/l
RT: 4.663 min Scan# 1049
Delta R.T. 0.006 min
Lab File: VU061132.D
Acq: 16 Oct 2024 10:02

Tgt Ion: 96 Resp: 4667
Ion Ratio Lower Upper
96 100
61 152.0 0.0 377.8
98 62.3 32.5 97.5





#23

Diethyl Ether

Concen: 0.487 ug/l

RT: 2.370 min Scan# 30

Delta R.T. -0.000 min

Lab File: VU061132.D

Acq: 16 Oct 2024 10:02

Instrument :

MSVOA_U

ClientSampleId :

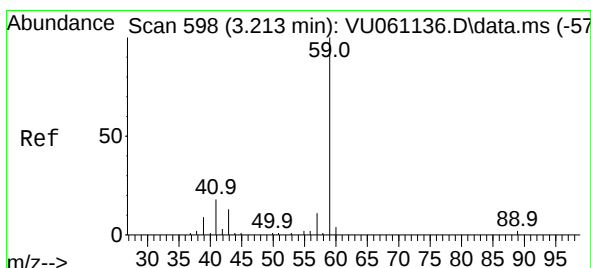
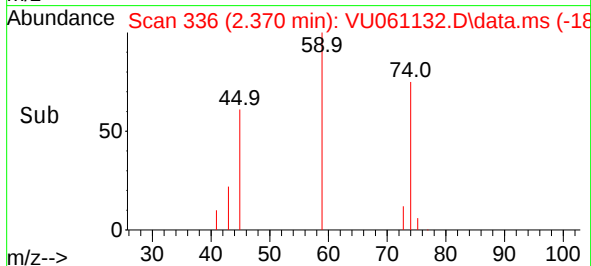
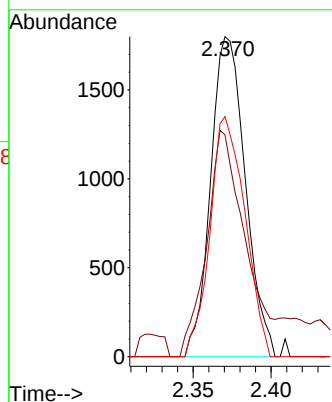
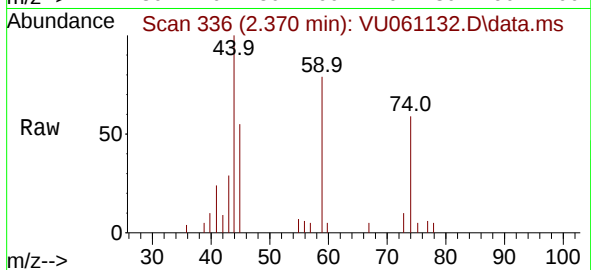
Tgt Ion: 59 Resp: 2790

Ion Ratio Lower Upper

59 100

45 78.3 58.9 88.3

74 75.6 61.4 92.2



#24

tert-Butyl Alcohol

Concen: 5.839 ug/l

RT: 3.232 min Scan# 604

Delta R.T. 0.019 min

Lab File: VU061132.D

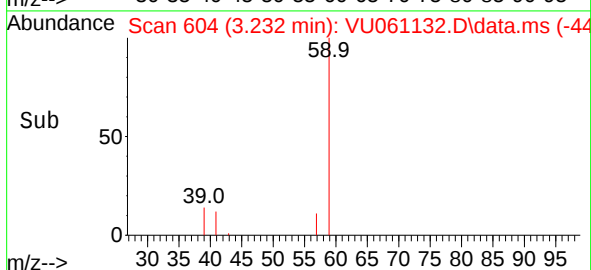
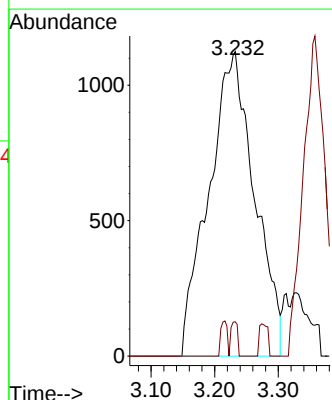
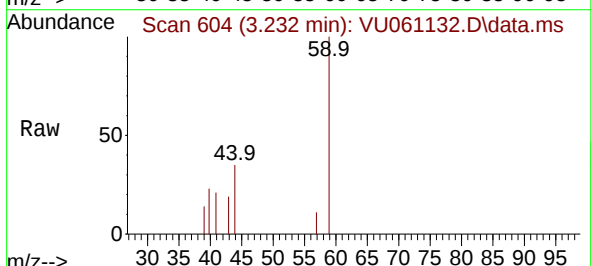
Acq: 16 Oct 2024 10:02

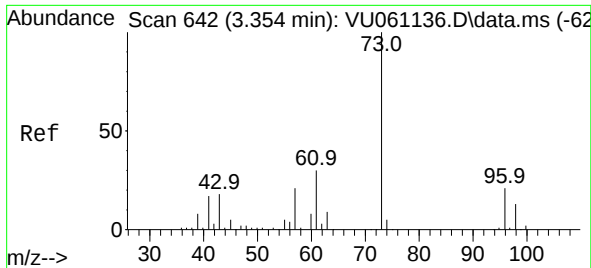
Tgt Ion: 59 Resp: 5614

Ion Ratio Lower Upper

59 100

57 1.6 8.0 12.0#

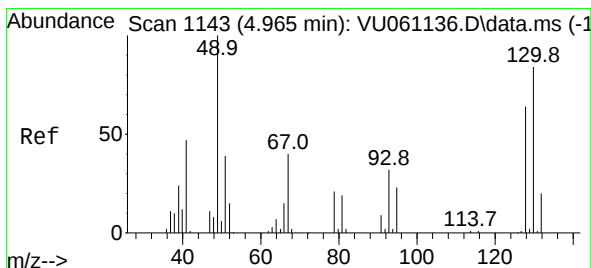
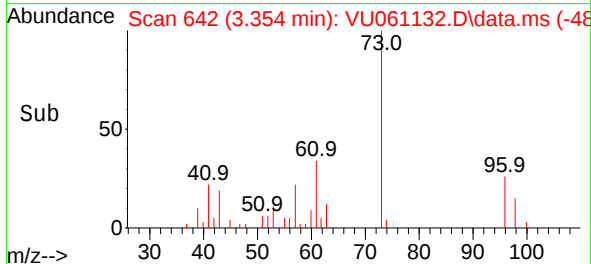
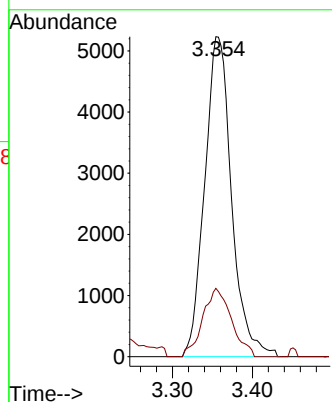
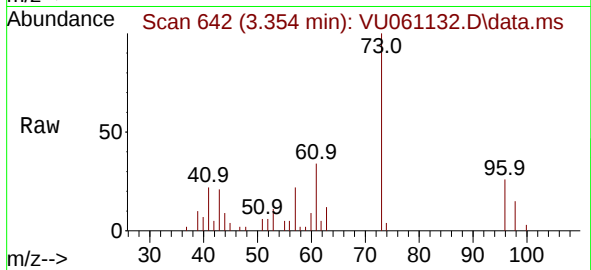




#25
Methyl tert-Butyl Ether
Concen: 0.465 ug/l
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU061132.D
Acq: 16 Oct 2024 10:02

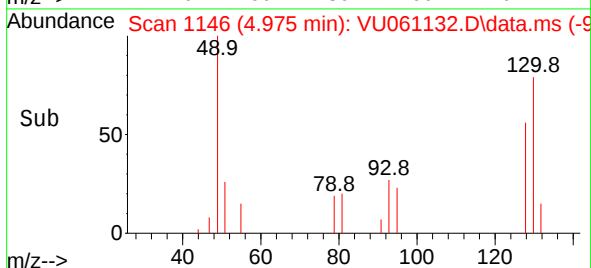
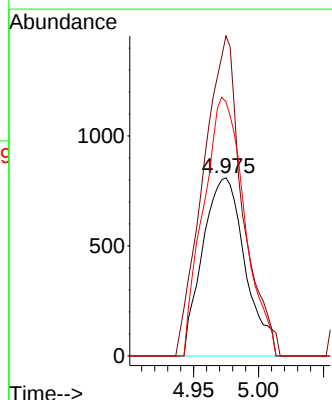
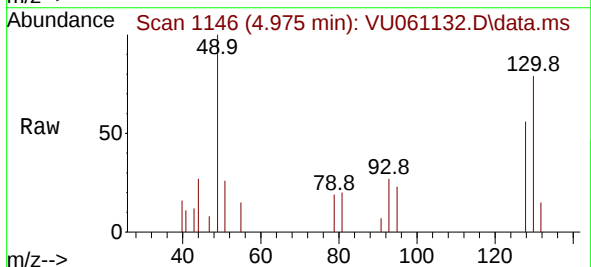
Instrument :
MSVOA_U
ClientSampleId :

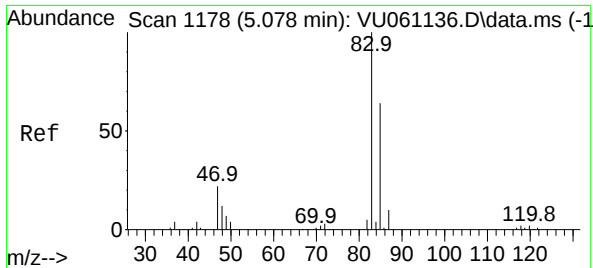
Tgt Ion: 73 Resp: 12236
Ion Ratio Lower Upper
73 100
43 22.7 14.8 22.2#



#26
Bromochloromethane
Concen: 0.440 ug/l
RT: 4.975 min Scan# 1146
Delta R.T. 0.010 min
Lab File: VU061132.D
Acq: 16 Oct 2024 10:02

Tgt Ion: 128 Resp: 1833
Ion Ratio Lower Upper
128 100
49 167.5 0.0 307.0
130 141.3 104.7 157.1

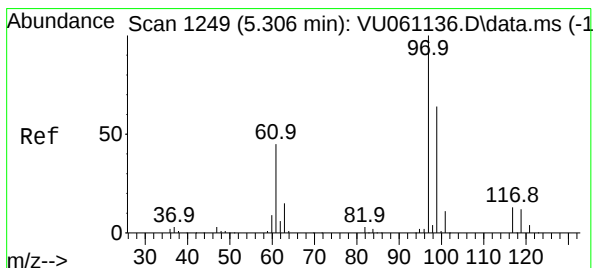
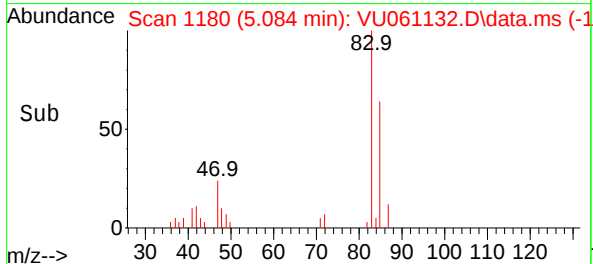
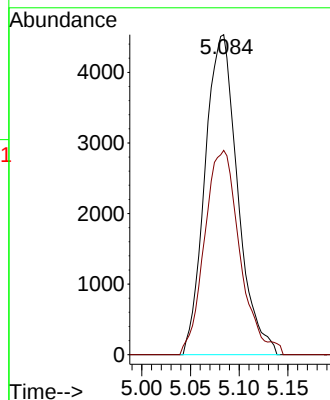
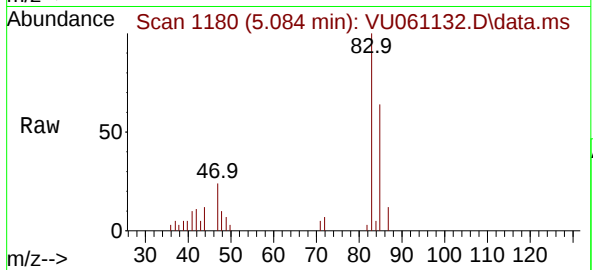




#27
Chloroform
Concen: 0.496 ug/l
RT: 5.084 min Scan# 1178
Delta R.T. 0.006 min
Lab File: VU061132.D
Acq: 16 Oct 2024 10:02

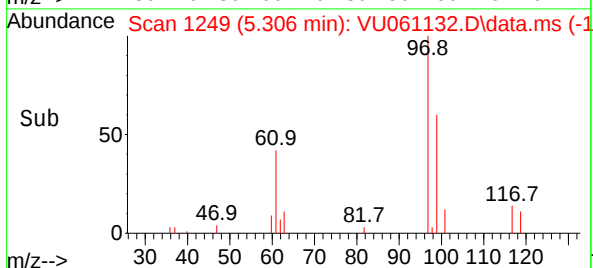
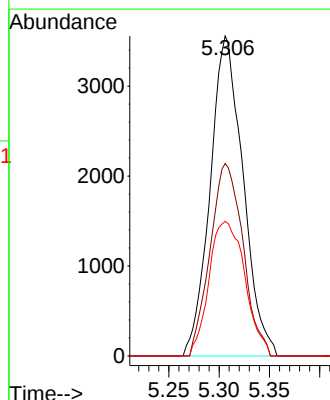
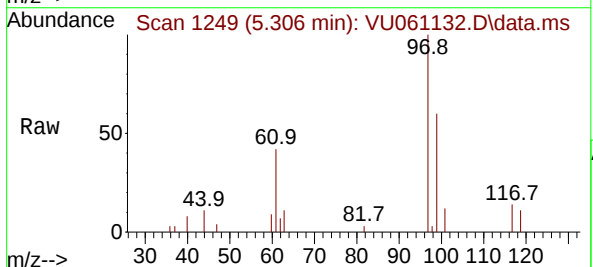
Instrument :
MSVOA_U
ClientSampleId :

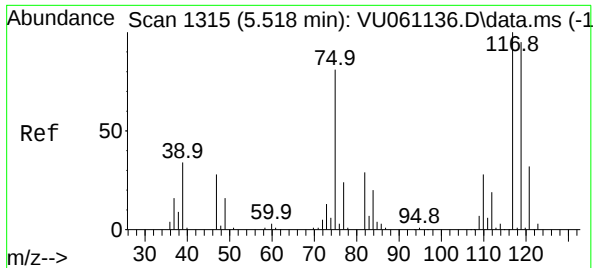
Tgt Ion: 83 Resp: 10561
Ion Ratio Lower Upper
83 100
85 63.8 0.0 128.2



#28
1,1,1-Trichloroethane
Concen: 0.479 ug/l
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU061132.D
Acq: 16 Oct 2024 10:02

Tgt Ion: 97 Resp: 8079
Ion Ratio Lower Upper
97 100
99 60.2 32.6 97.7
61 45.8 22.3 66.8

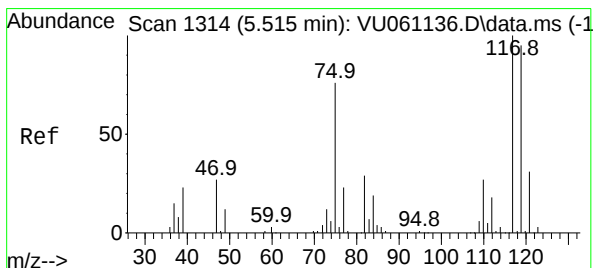
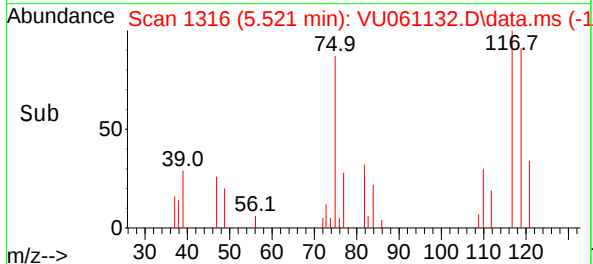
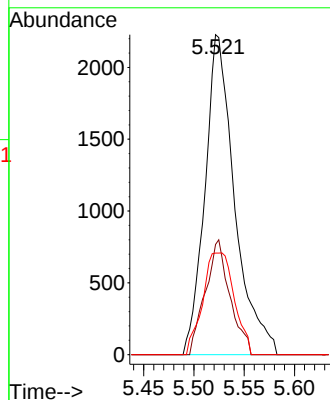
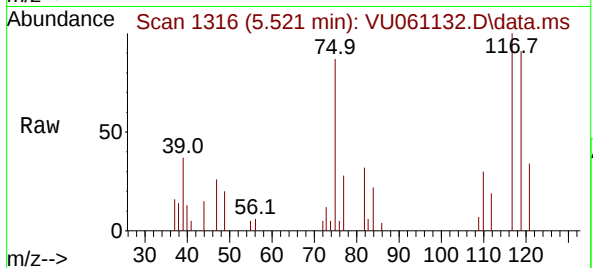




#29
1,1-Dichloropropene
Concen: 0.468 ug/l
RT: 5.521 min Scan# 1316
Delta R.T. 0.003 min
Lab File: VU061132.D
Acq: 16 Oct 2024 10:02

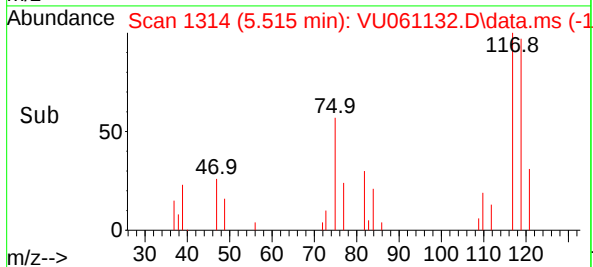
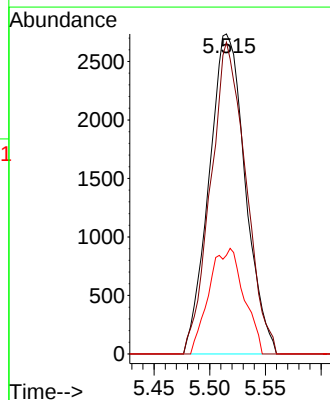
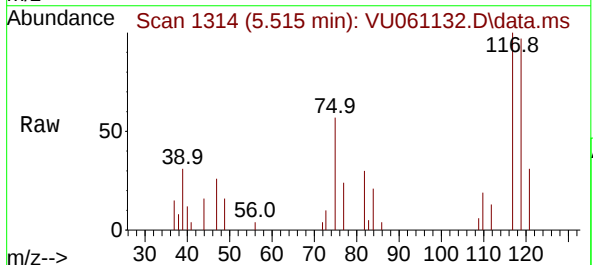
Instrument :
MSVOA_U
ClientSampleId :

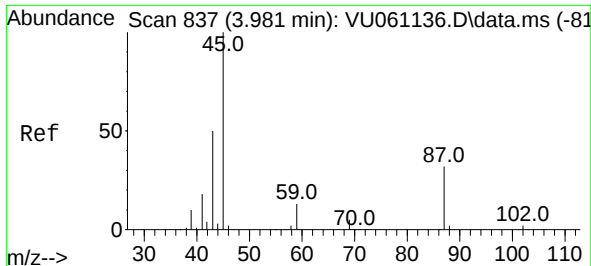
Tgt Ion: 75 Resp: 4572
Ion Ratio Lower Upper
75 100
110 29.8 18.1 54.3
77 33.6 24.0 36.0



#30
Carbon Tetrachloride
Concen: 0.476 ug/l
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU061132.D
Acq: 16 Oct 2024 10:02

Tgt Ion: 117 Resp: 6185
Ion Ratio Lower Upper
117 100
119 97.4 76.2 114.4
121 30.9 24.8 37.2

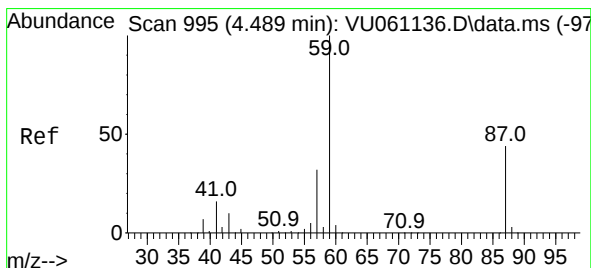
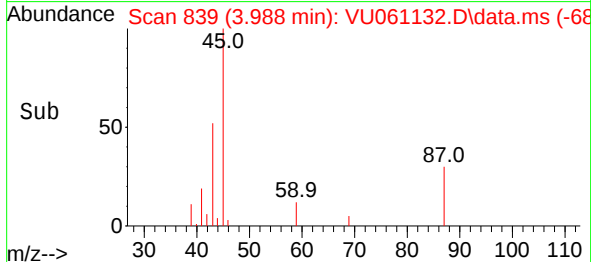
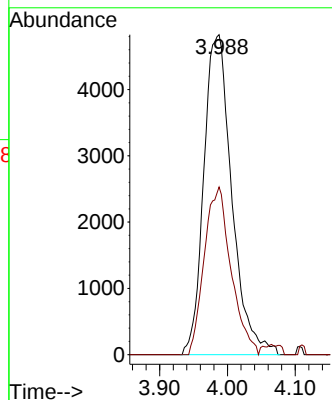
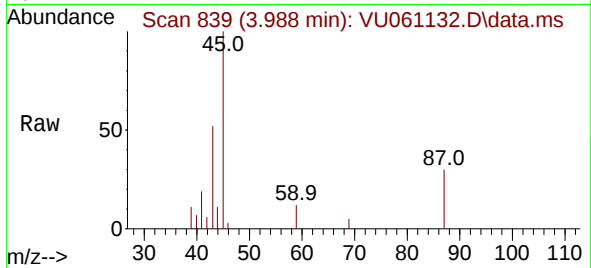




#31
Isopropyl Ether
Concen: 0.480 ug/l
RT: 3.988 min Scan# 839
Delta R.T. 0.006 min
Lab File: VU061132.D
Acq: 16 Oct 2024 10:02

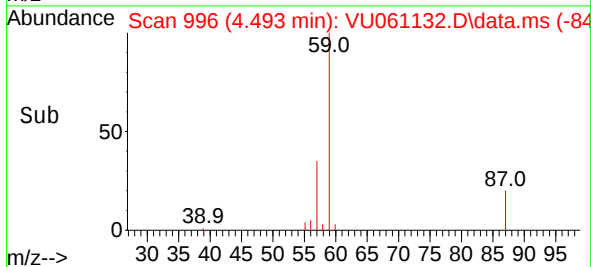
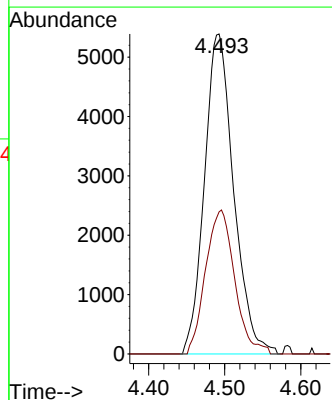
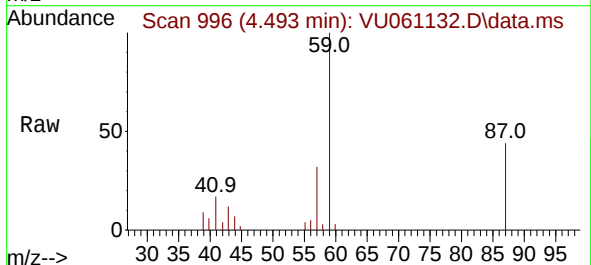
Instrument :
MSVOA_U
ClientSampleId :

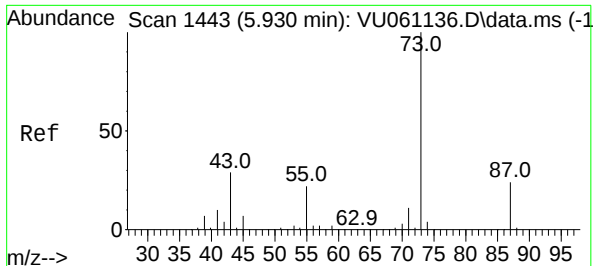
Tgt Ion: 45 Resp: 13874
Ion Ratio Lower Upper
45 100
43 49.9 25.1 75.2



#32
Ethyl-t-butyl ether
Concen: 0.471 ug/l
RT: 4.493 min Scan# 996
Delta R.T. 0.003 min
Lab File: VU061132.D
Acq: 16 Oct 2024 10:02

Tgt Ion: 59 Resp: 14420
Ion Ratio Lower Upper
59 100
87 44.7 34.6 52.0

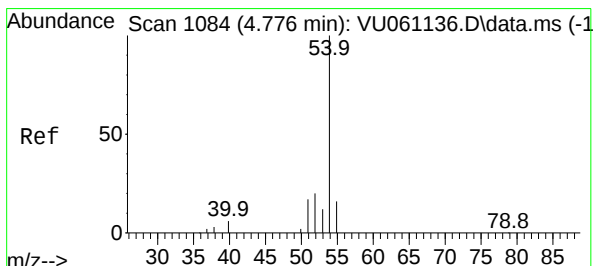
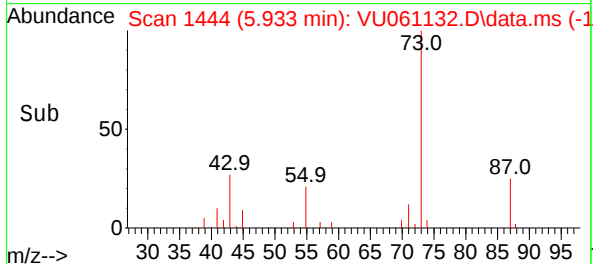
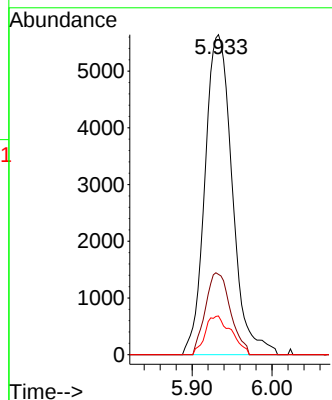
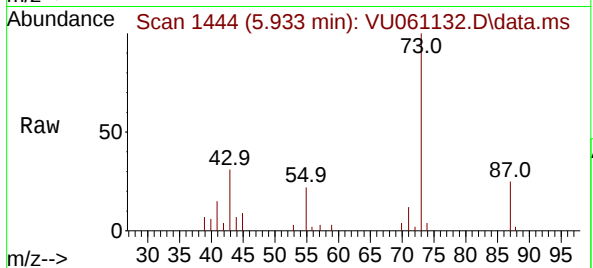




#33
Tert-Amyl methyl ether
Concen: 0.471 ug/l
RT: 5.933 min Scan# 1443
Delta R.T. 0.003 min
Lab File: VU061132.D
Acq: 16 Oct 2024 10:02

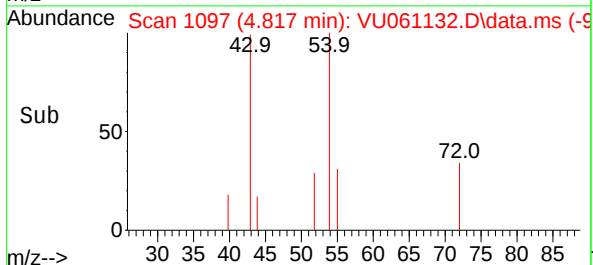
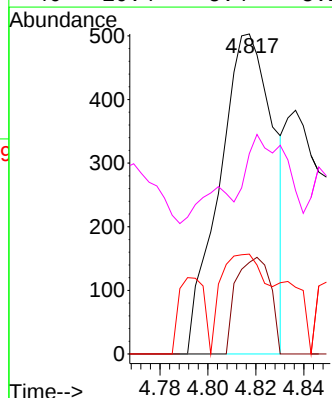
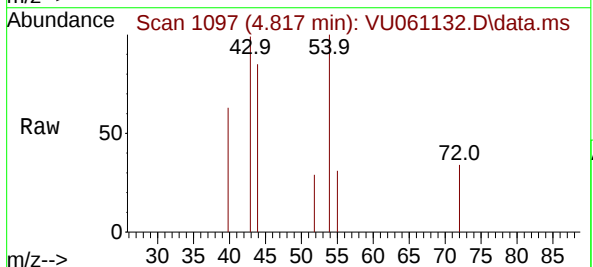
Instrument :
MSVOA_U
ClientSampleId :

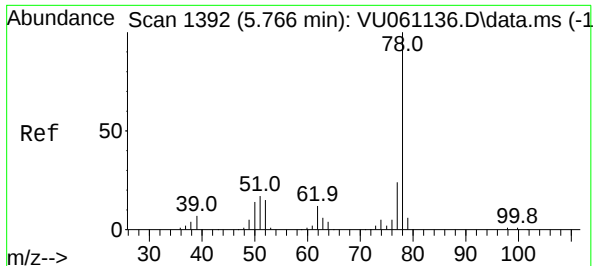
Tgt Ion: 73 Resp: 13394
Ion Ratio Lower Upper
73 100
87 23.4 19.6 29.4
71 11.5 8.9 13.3



#34
Propionitrile
Concen: 0.905 ug/l
RT: 4.817 min Scan# 1097
Delta R.T. 0.042 min
Lab File: VU061132.D
Acq: 16 Oct 2024 10:02

Tgt Ion: 54 Resp: 786
Ion Ratio Lower Upper
54 100
52 19.1 15.0 22.4
55 26.3 10.5 15.7#
40 20.4 5.4 8.2#





#35

Benzene

Concen: 0.497 ug/l

RT: 5.769 min Scan# 1400

Delta R.T. 0.003 min

Lab File: VU061132.D

Acq: 16 Oct 2024 10:02

Instrument :

MSVOA_U

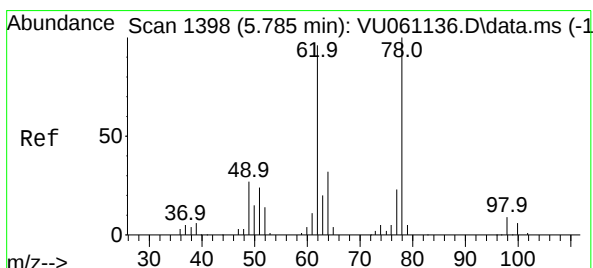
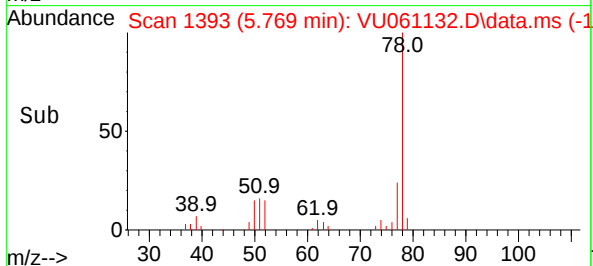
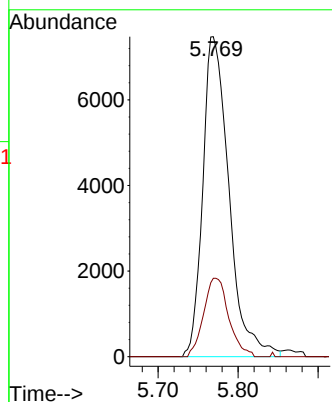
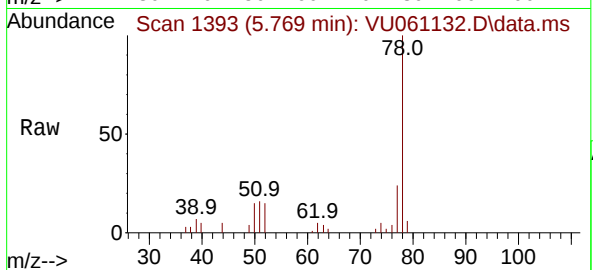
ClientSampleId :

Tgt Ion: 78 Resp: 17031

Ion Ratio Lower Upper

78 100

77 24.5 19.1 28.7



#36

1,2-Dichloroethane

Concen: 0.469 ug/l

RT: 5.798 min Scan# 1402

Delta R.T. 0.013 min

Lab File: VU061132.D

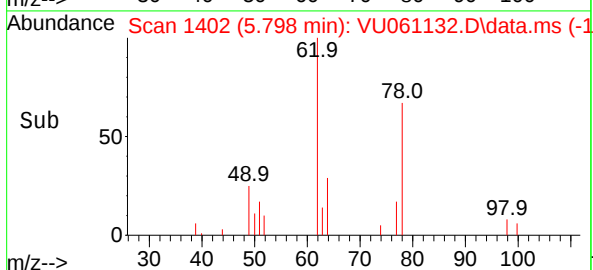
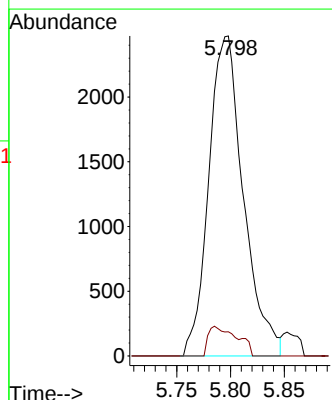
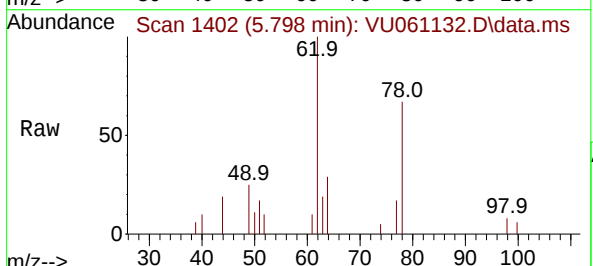
Acq: 16 Oct 2024 10:02

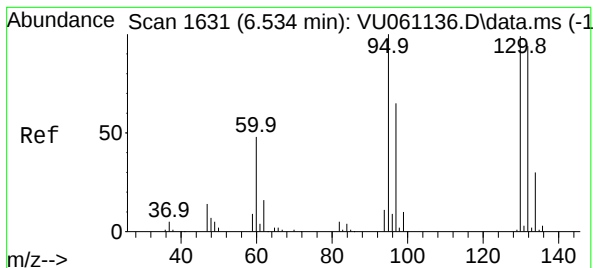
Tgt Ion: 62 Resp: 5539

Ion Ratio Lower Upper

62 100

98 7.6 6.9 10.3





#37

Trichloroethene

Concen: 0.480 ug/l

RT: 6.537 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU061132.D

Acq: 16 Oct 2024 10:02

Instrument :

MSVOA_U

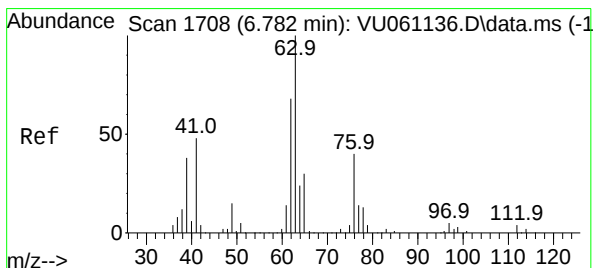
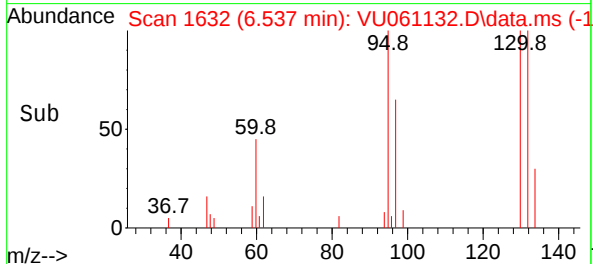
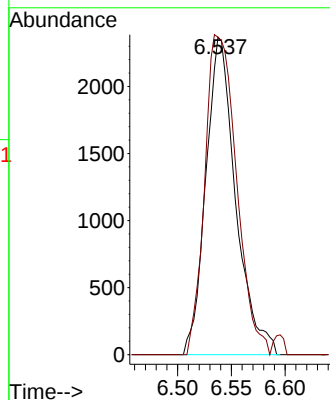
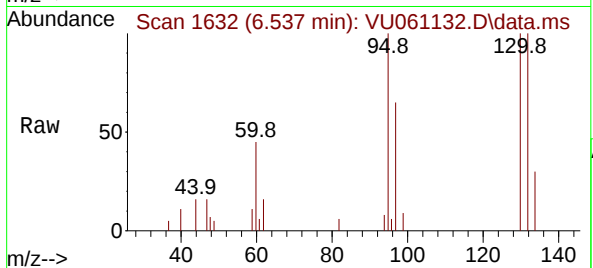
ClientSampleId :

Tgt Ion:130 Resp: 4558

Ion Ratio Lower Upper

130 100

95 100.0 80.7 121.1



#38

1,2-Dichloropropane

Concen: 0.469 ug/l

RT: 6.788 min Scan# 1710

Delta R.T. 0.006 min

Lab File: VU061132.D

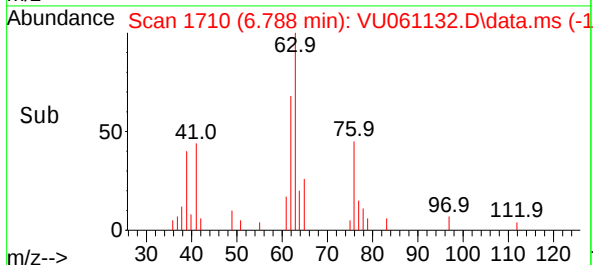
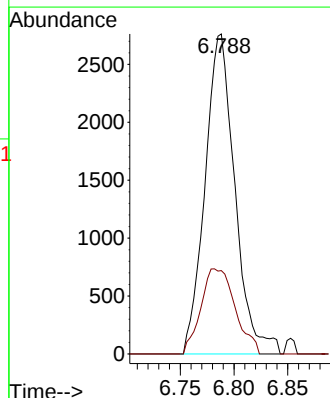
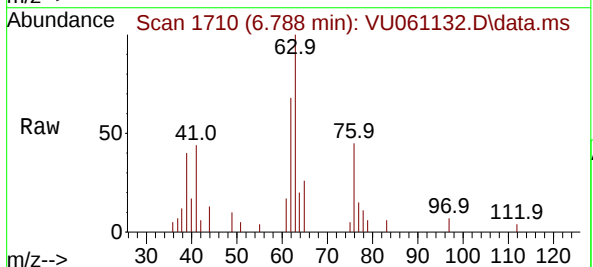
Acq: 16 Oct 2024 10:02

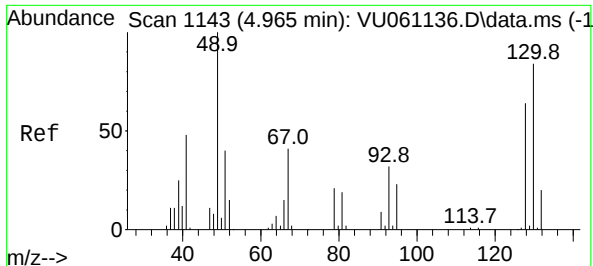
Tgt Ion: 63 Resp: 5340

Ion Ratio Lower Upper

63 100

65 26.1 24.3 36.5





#39

Methacrylonitrile

Concen: 0.130 ug/l

RT: 4.988 min Scan# 1111

Delta R.T. 0.022 min

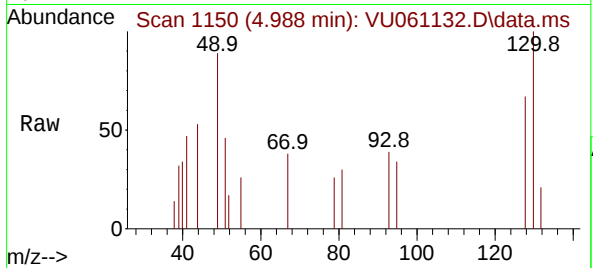
Lab File: VU061132.D

Acq: 16 Oct 2024 10:02

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 41 Resp: 382

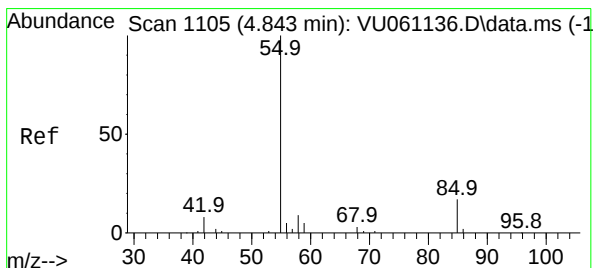
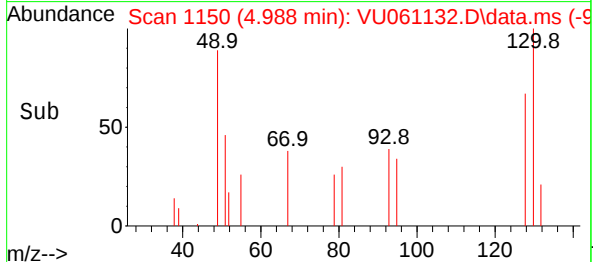
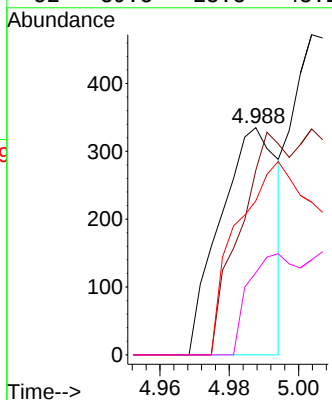
Ion Ratio Lower Upper

41 100

67 85.1 75.5 113.3

39 123.6 45.8 68.6#

52 39.3 28.8 43.2



#40

Methyl acrylate

Concen: 0.047 ug/l

RT: 4.862 min Scan# 1111

Delta R.T. 0.019 min

Lab File: VU061132.D

Acq: 16 Oct 2024 10:02

Tgt Ion: 55 Resp: 234

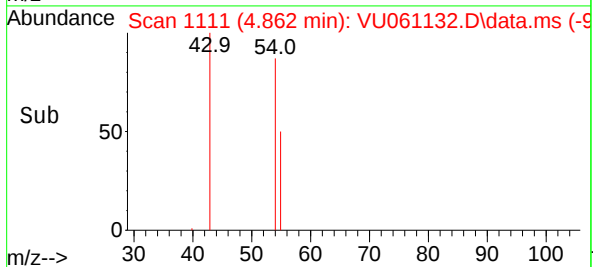
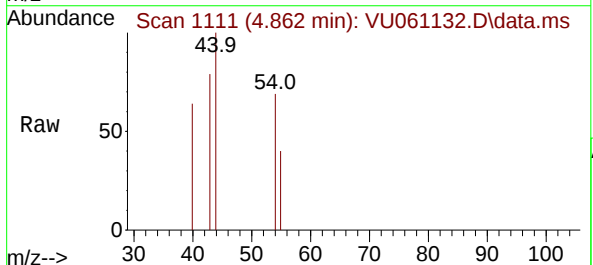
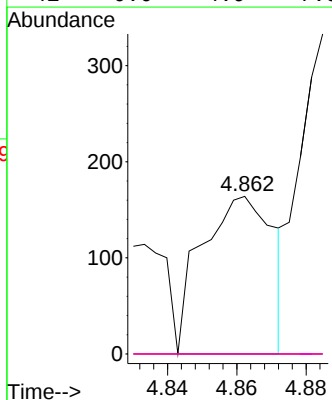
Ion Ratio Lower Upper

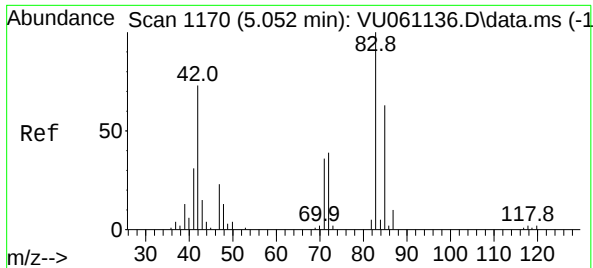
55 100

85 0.0 13.8 20.6#

58 0.0 6.2 9.4#

42 0.0 4.9 7.3#





#41

Tetrahydrofuran

Concen: 0.404 ug/l

RT: 5.068 min Scan# 1175

Delta R.T. 0.016 min

Lab File: VU061132.D

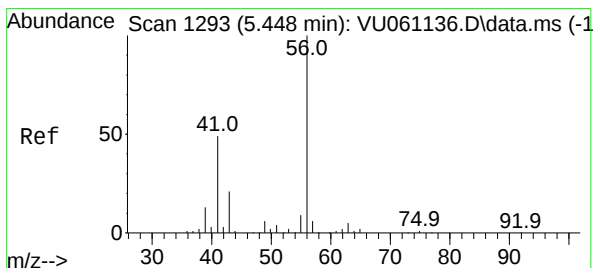
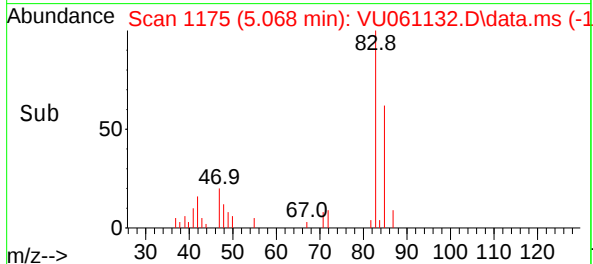
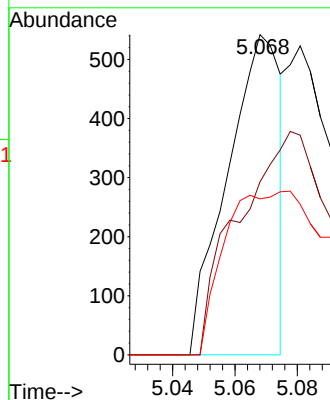
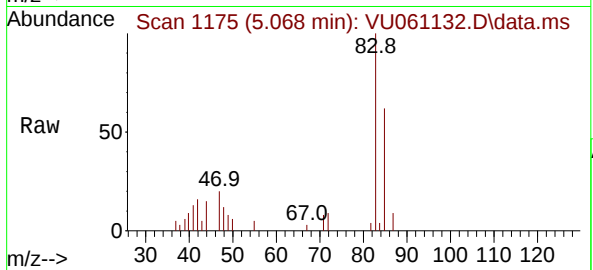
Acq: 16 Oct 2024 10:02

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	42	Resp:	641
Ion	Ratio	Lower	Upper
42	100		
72	140.1	46.4	69.6#
71	112.3	41.4	62.0#



#42

1-Chlorobutane

Concen: 0.481 ug/l

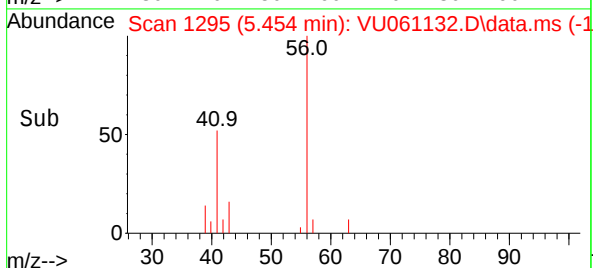
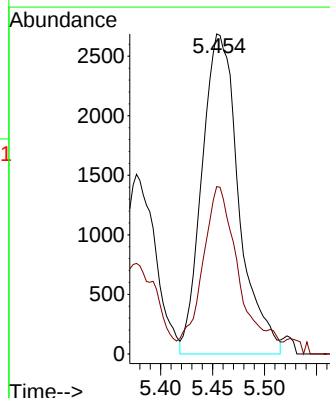
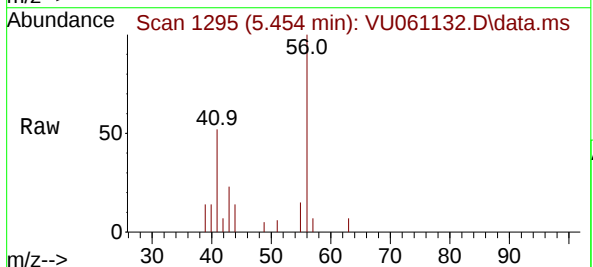
RT: 5.454 min Scan# 1295

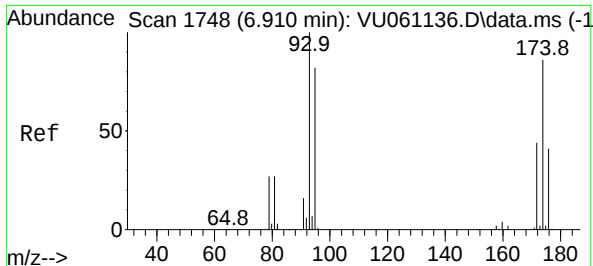
Delta R.T. 0.006 min

Lab File: VU061132.D

Acq: 16 Oct 2024 10:02

Tgt Ion:	56	Resp:	6636
Ion	Ratio	Lower	Upper
56	100		
41	52.2	24.6	73.6





#43

Dibromomethane

Concen: 0.473 ug/l

RT: 6.914 min Scan# 1749

Delta R.T. 0.003 min

Lab File: VU061132.D

Acq: 16 Oct 2024 10:02

Instrument :

MSVOA_U

ClientSampleId :

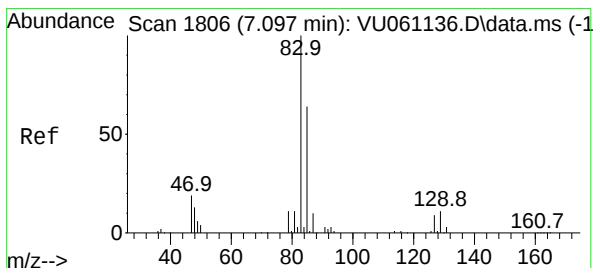
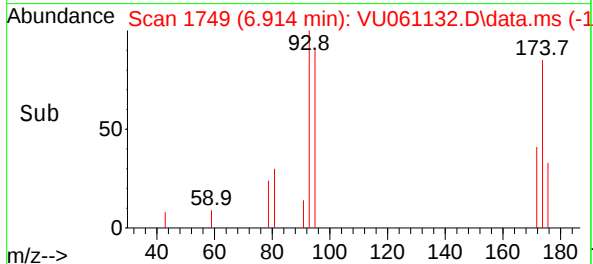
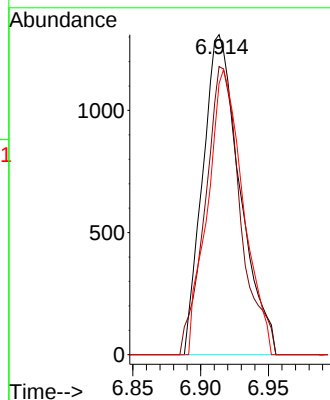
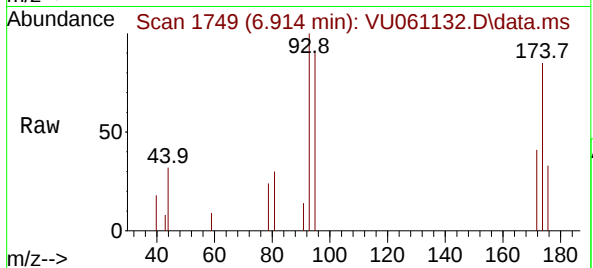
Tgt Ion: 93 Resp: 2507

Ion Ratio Lower Upper

93 100

95 85.1 66.4 99.6

174 84.8 68.4 102.6



#44

Bromodichloromethane

Concen: 0.467 ug/l

RT: 7.097 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VU061132.D

Acq: 16 Oct 2024 10:02

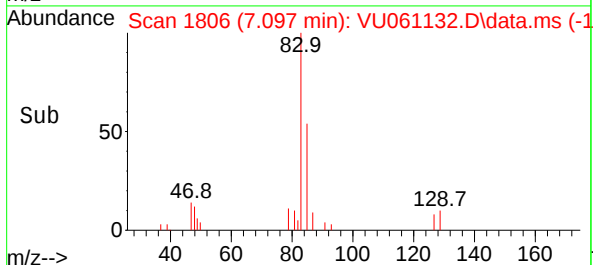
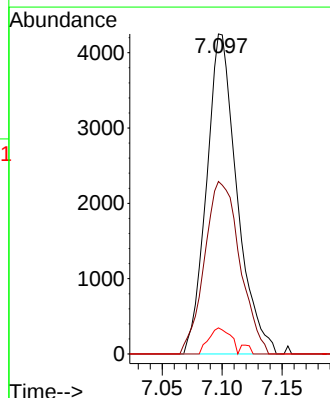
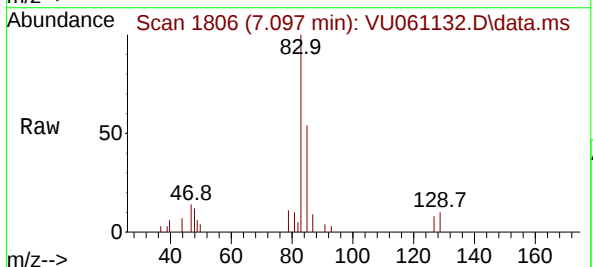
Tgt Ion: 83 Resp: 7510

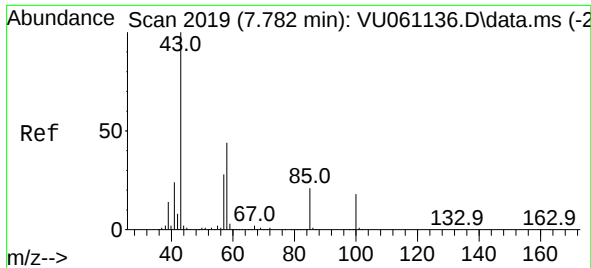
Ion Ratio Lower Upper

83 100

85 53.9 51.4 77.0

127 8.1 7.0 10.6

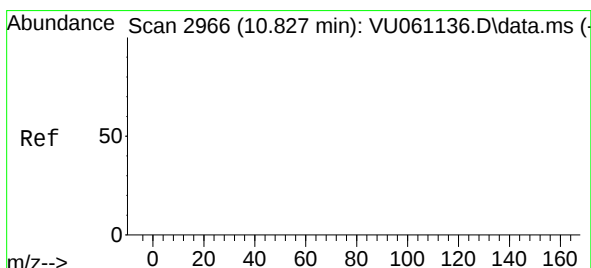
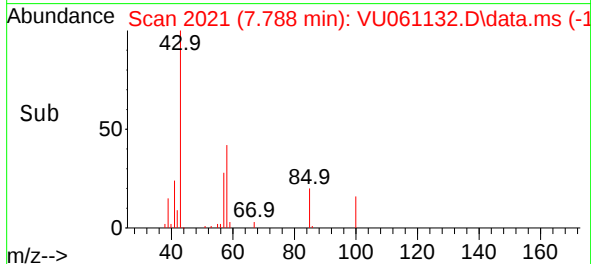
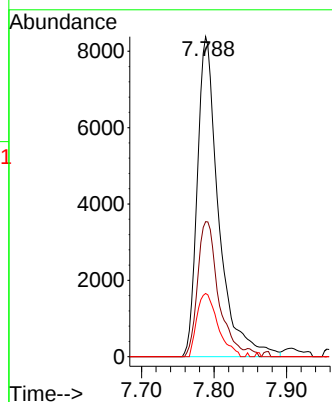
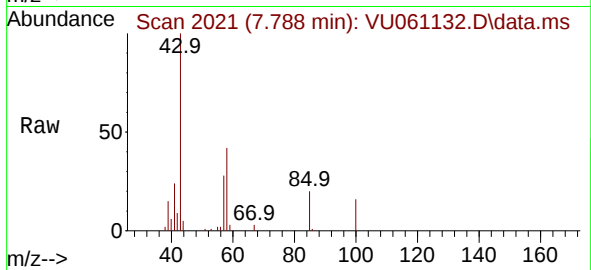




#45
4-Methyl-2-Pentanone
Concen: 2.464 ug/l
RT: 7.788 min Scan# 2019
Delta R.T. 0.006 min
Lab File: VU061132.D
Acq: 16 Oct 2024 10:02

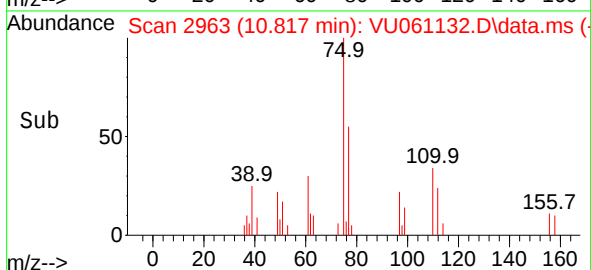
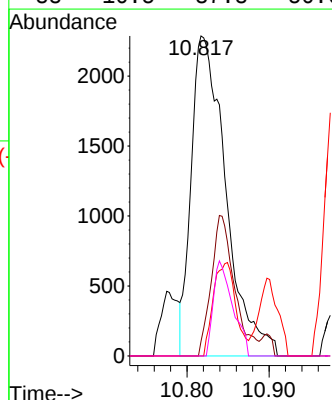
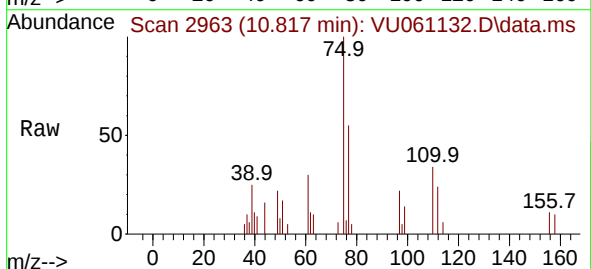
Instrument :
MSVOA_U
ClientSampleId :

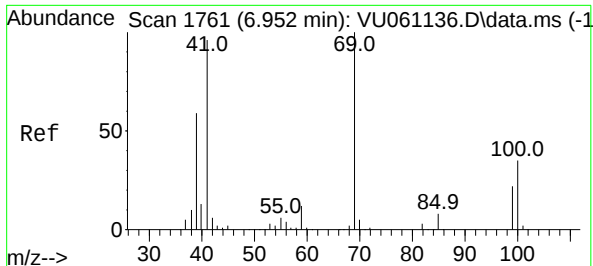
Tgt Ion: 43 Resp: 17130
Ion Ratio Lower Upper
43 100
58 40.9 22.1 66.3
85 19.4 16.8 25.2



#46
t-1,4-Dichloro-2-butene
Concen: 2.254 ug/l
RT: 10.817 min Scan# 2963
Delta R.T. -0.010 min
Lab File: VU061132.D
Acq: 16 Oct 2024 10:02

Tgt Ion: 75 Resp: 6702
Ion Ratio Lower Upper
75 100
53 29.6 66.6 100.0#
89 19.1 48.4 72.6#
88 16.5 37.8 56.6#





#47

Methyl methacrylate

Concen: 0.887 ug/l

RT: 6.965 min Scan# 1

Delta R.T. 0.013 min

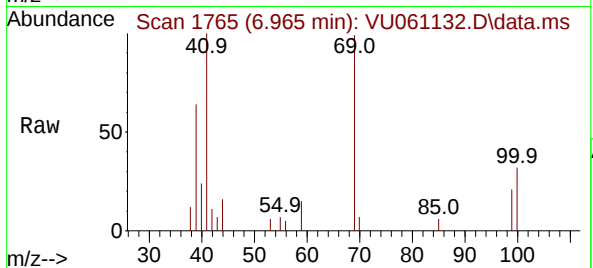
Lab File: VU061132.D

Acq: 16 Oct 2024 10:02

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 69 Resp: 4809

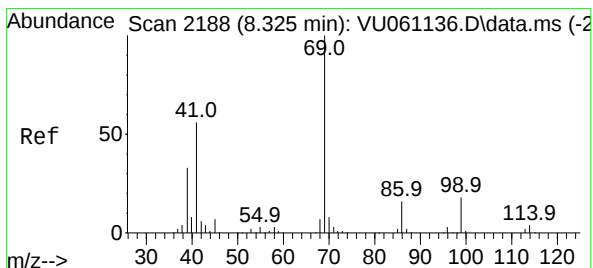
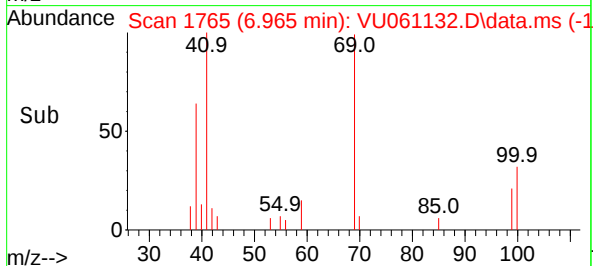
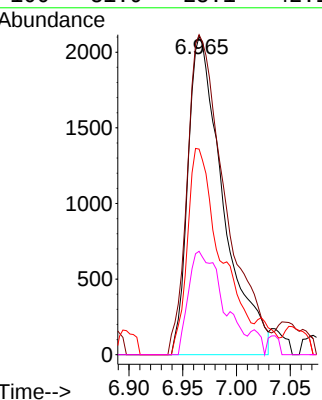
Ion Ratio Lower Upper

69 100

41 109.4 0.0 193.8

39 62.5 47.4 71.2

100 31.9 28.1 42.1



#48

Ethyl methacrylate

Concen: 0.464 ug/l

RT: 8.338 min Scan# 2192

Delta R.T. 0.013 min

Lab File: VU061132.D

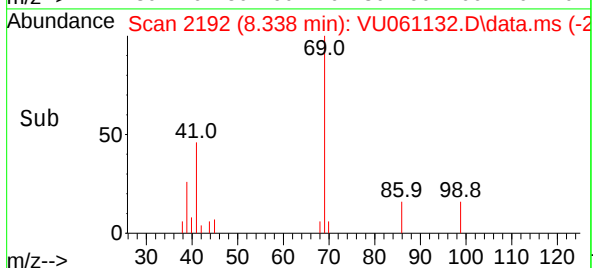
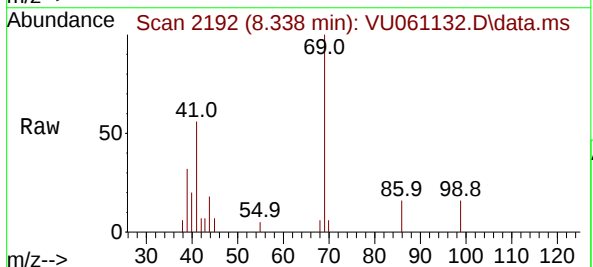
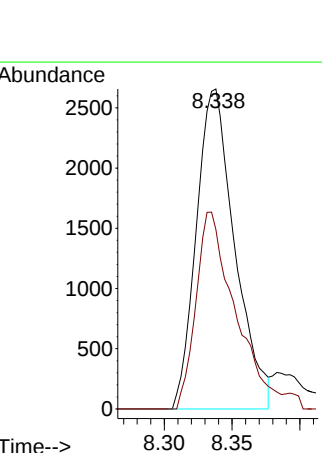
Acq: 16 Oct 2024 10:02

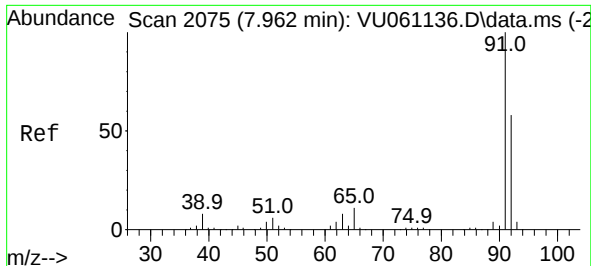
Tgt Ion: 69 Resp: 5244

Ion Ratio Lower Upper

69 100

41 64.5 27.6 82.8





#49

Toluene

Concen: 0.463 ug/l

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU061132.D

Acq: 16 Oct 2024 10:02

Instrument :

MSVOA_U

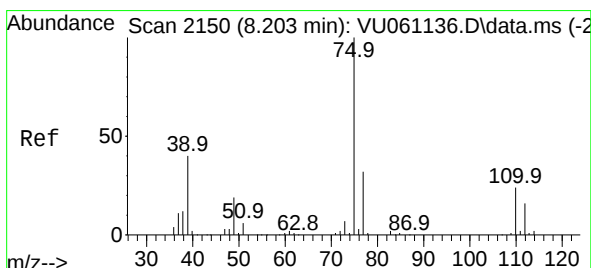
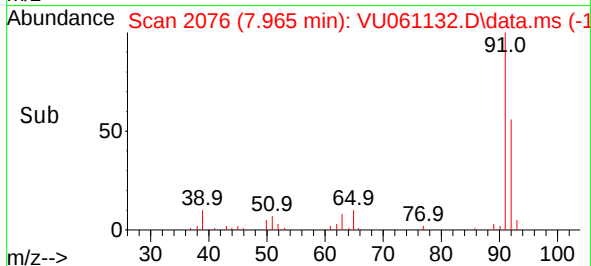
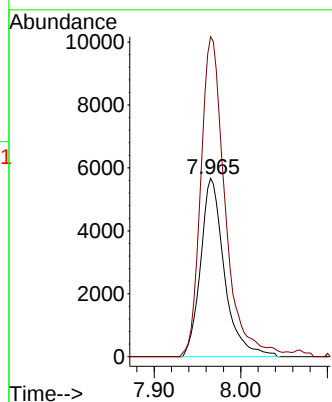
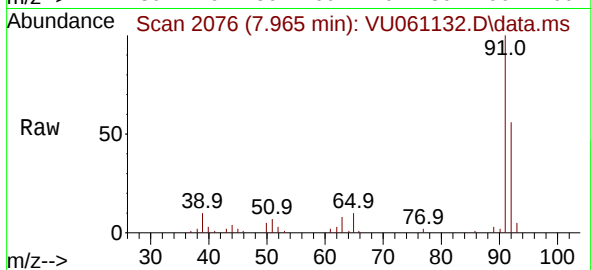
ClientSampleId :

Tgt Ion: 92 Resp: 10793

Ion Ratio Lower Upper

92 100

91 183.8 138.7 208.1



#50

t-1,3-Dichloropropene

Concen: 0.445 ug/l

RT: 8.213 min Scan# 2153

Delta R.T. 0.010 min

Lab File: VU061132.D

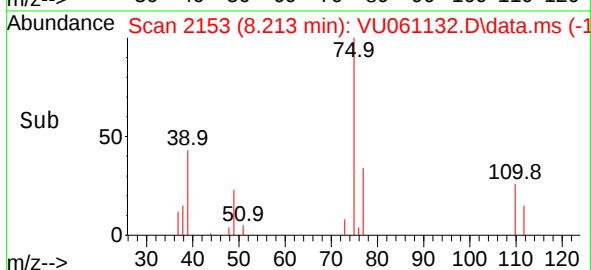
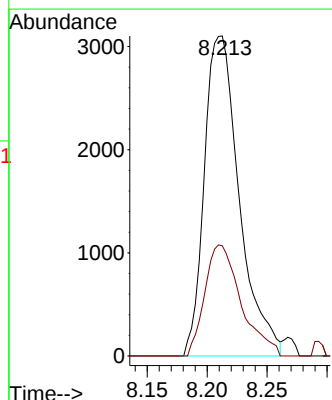
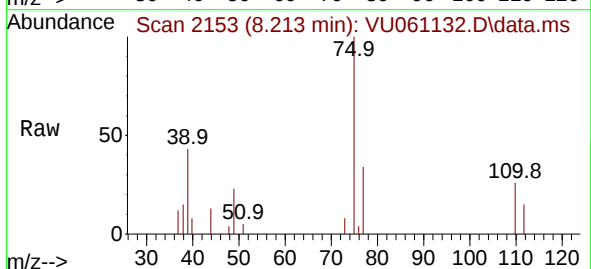
Acq: 16 Oct 2024 10:02

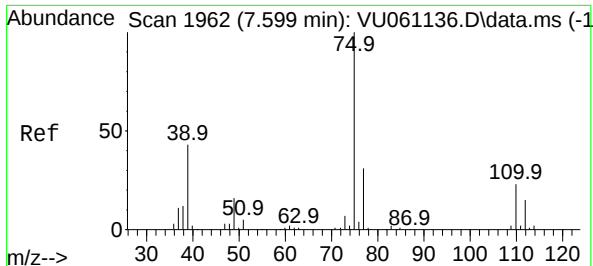
Tgt Ion: 75 Resp: 6296

Ion Ratio Lower Upper

75 100

77 34.5 25.3 37.9

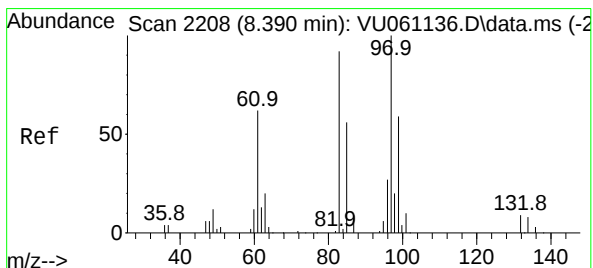
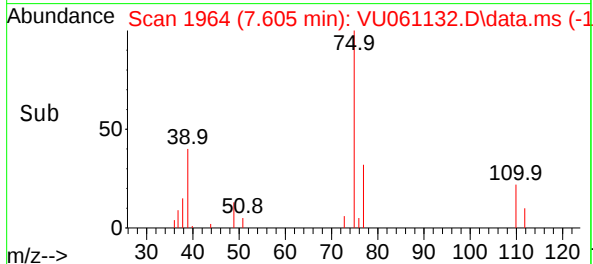
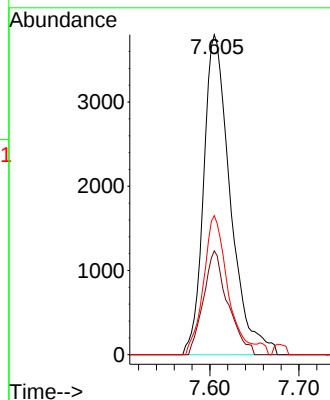
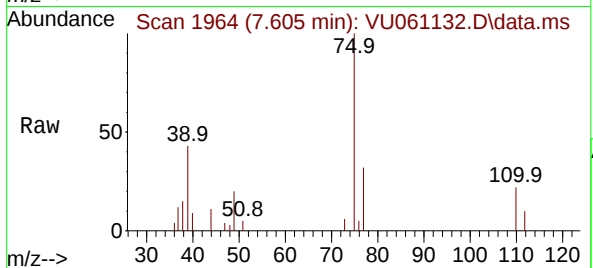




#51
cis-1,3-Dichloropropene
Concen: 0.478 ug/l
RT: 7.605 min Scan# 1964
Delta R.T. 0.006 min
Lab File: VU061132.D
Acq: 16 Oct 2024 10:02

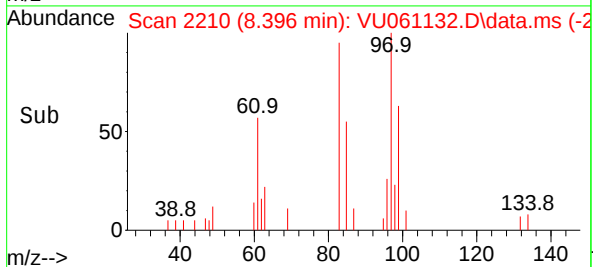
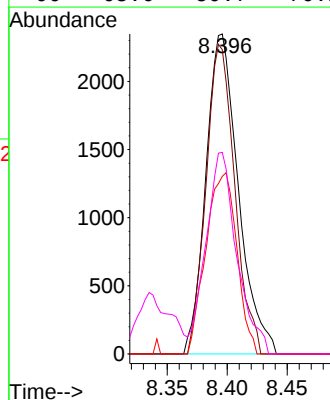
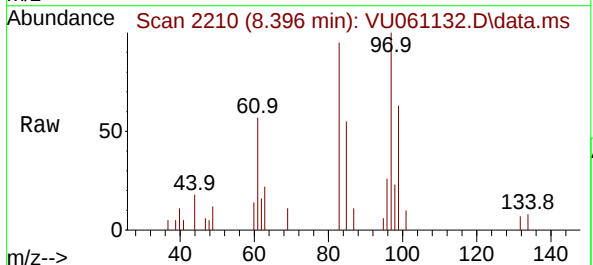
Instrument :
MSVOA_U
ClientSampleId :

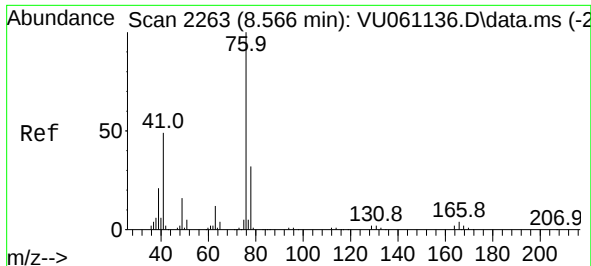
Tgt Ion: 75 Resp: 7886
Ion Ratio Lower Upper
75 100
77 32.5 24.6 37.0
39 43.5 34.5 51.7



#52
1,1,2-Trichloroethane
Concen: 0.491 ug/l
RT: 8.396 min Scan# 2210
Delta R.T. 0.006 min
Lab File: VU061132.D
Acq: 16 Oct 2024 10:02

Tgt Ion: 97 Resp: 4415
Ion Ratio Lower Upper
97 100
83 95.1 73.6 110.4
85 55.5 45.3 67.9
99 63.0 50.7 76.1

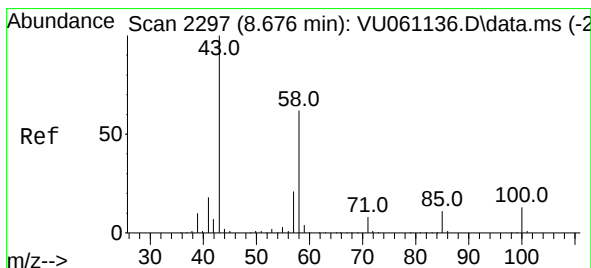
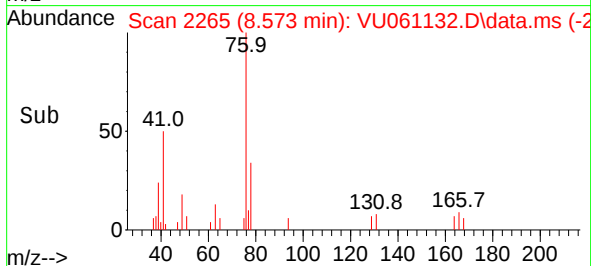
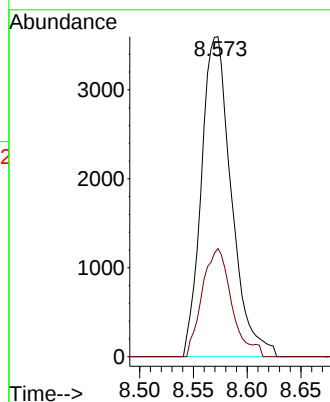
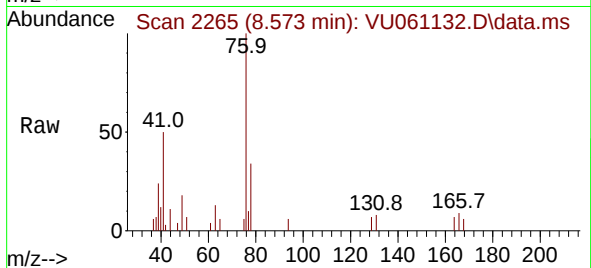




#53
1,3-Dichloropropane
Concen: 0.479 ug/l
RT: 8.573 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU061132.D
Acq: 16 Oct 2024 10:02

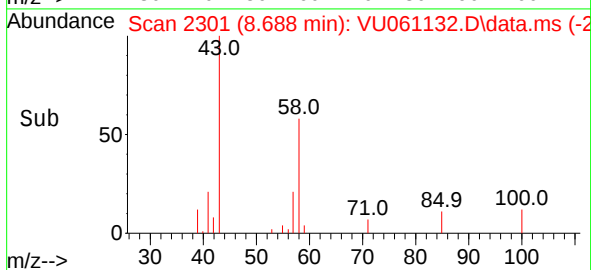
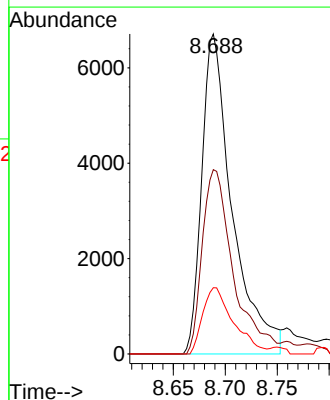
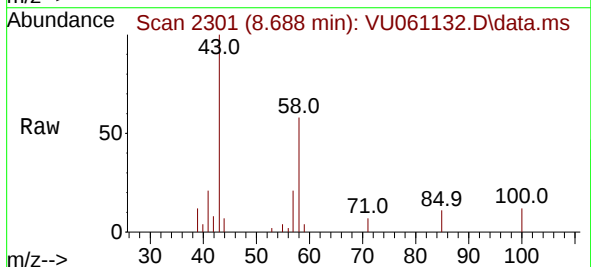
Instrument :
MSVOA_U
ClientSampleId :

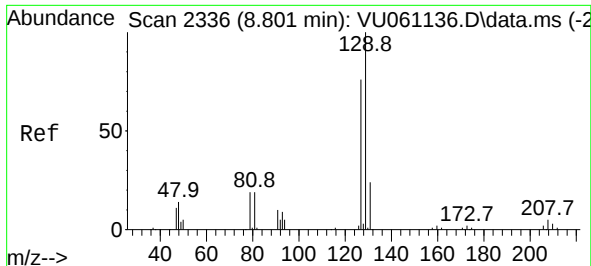
Tgt Ion: 76 Resp: 6976
Ion Ratio Lower Upper
76 100
78 33.2 25.9 38.9



#54
2-Hexanone
Concen: 2.237 ug/l
RT: 8.688 min Scan# 2301
Delta R.T. 0.013 min
Lab File: VU061132.D
Acq: 16 Oct 2024 10:02

Tgt Ion: 43 Resp: 13679
Ion Ratio Lower Upper
43 100
58 58.9 42.4 82.4
57 20.9 1.5 41.5





#55

Dibromochloromethane

Concen: 0.452 ug/l

RT: 8.804 min Scan# 2337

Delta R.T. 0.003 min

Lab File: VU061132.D

Acq: 16 Oct 2024 10:02

Instrument :

MSVOA_U

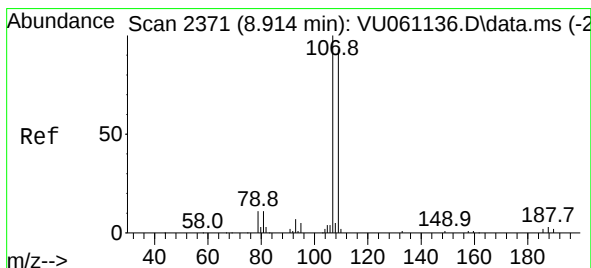
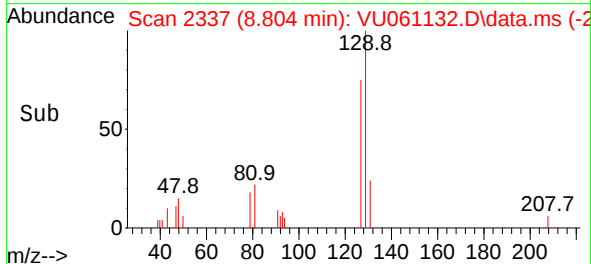
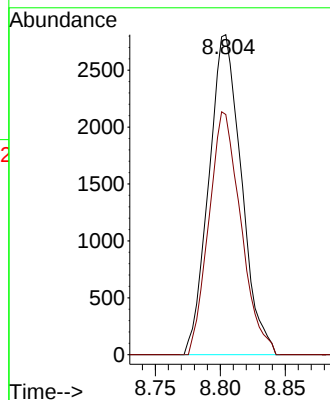
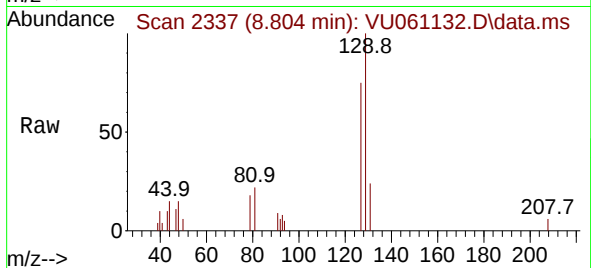
ClientSampleId :

Tgt Ion:129 Resp: 4904

Ion Ratio Lower Upper

129 100

127 74.6 61.4 92.0



#56

1,2-Dibromoethane

Concen: 0.491 ug/l

RT: 8.920 min Scan# 2373

Delta R.T. 0.006 min

Lab File: VU061132.D

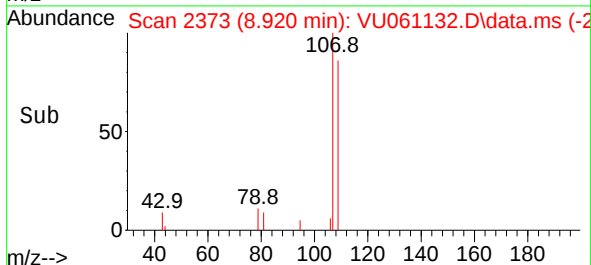
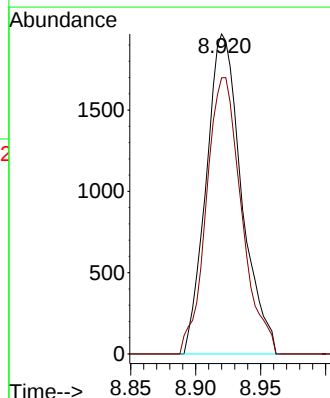
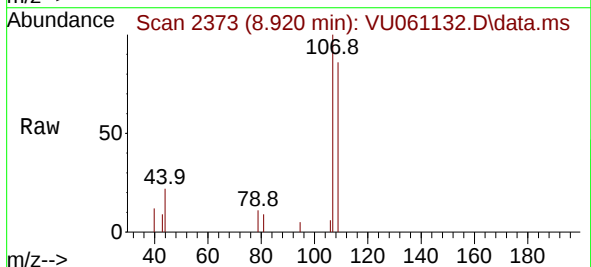
Acq: 16 Oct 2024 10:02

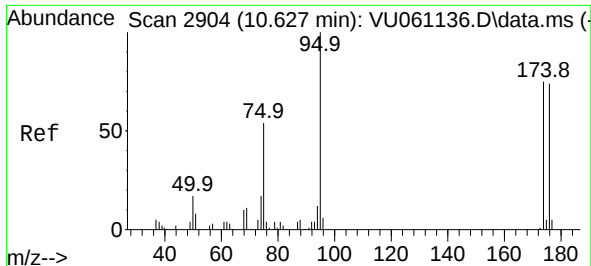
Tgt Ion:107 Resp: 3720

Ion Ratio Lower Upper

107 100

109 85.9 0.0 189.6





#57

4-Bromofluorobenzene

Concen: 0.942 ug/l

RT: 10.631 min Scan# 2905

Delta R.T. 0.003 min

Lab File: VU061132.D

Acq: 16 Oct 2024 10:02

Instrument :

MSVOA_U

ClientSampleId :

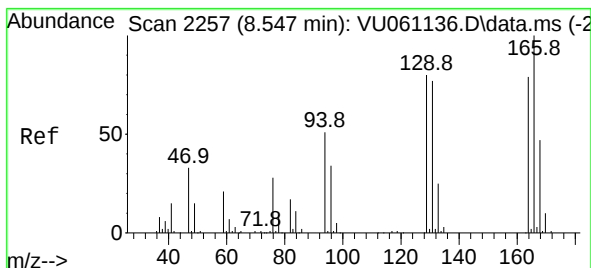
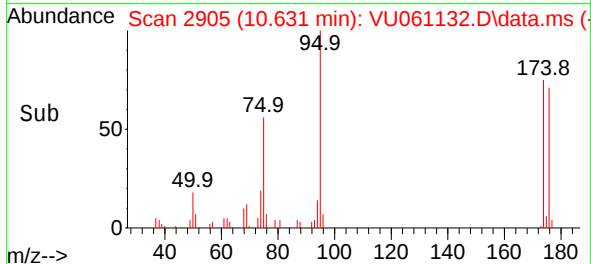
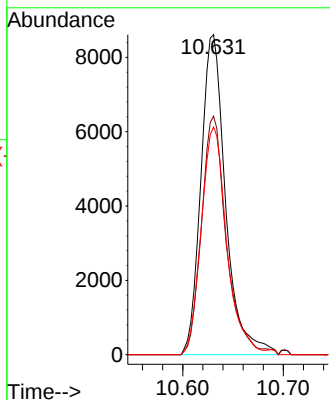
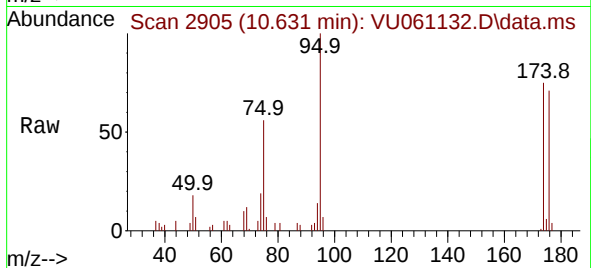
Tgt Ion: 95 Resp: 14702

Ion Ratio Lower Upper

95 100

174 75.0 59.7 89.5

176 73.4 60.2 90.2



#58

Tetrachloroethene

Concen: 0.483 ug/l

RT: 8.547 min Scan# 2257

Delta R.T. -0.000 min

Lab File: VU061132.D

Acq: 16 Oct 2024 10:02

Tgt Ion: 164 Resp: 4009

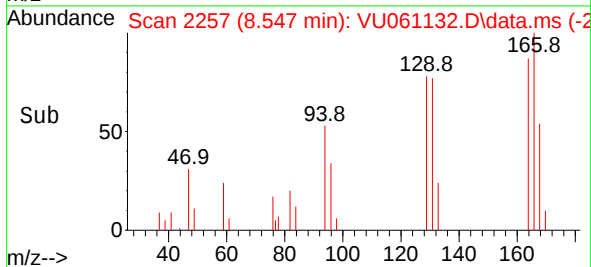
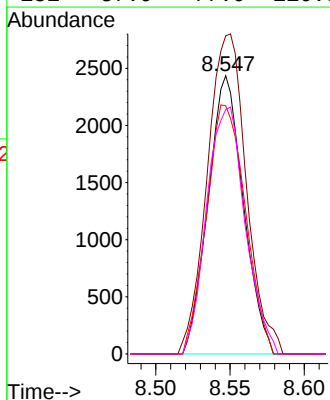
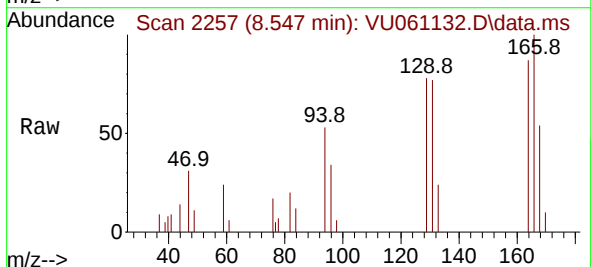
Ion Ratio Lower Upper

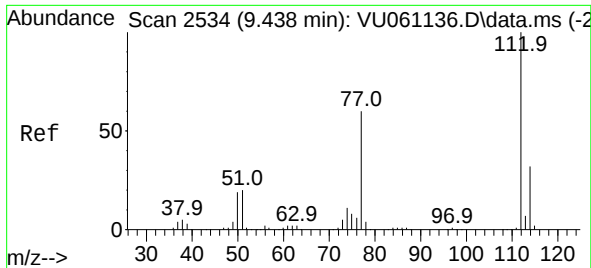
164 100

166 114.4 101.4 152.0

129 89.2 80.7 121.1

131 87.9 77.9 116.9





#59

Chlorobenzene

Concen: 0.473 ug/l

RT: 9.444 min Scan# 2536

Delta R.T. 0.006 min

Lab File: VU061132.D

Acq: 16 Oct 2024 10:02

Instrument :

MSVOA_U

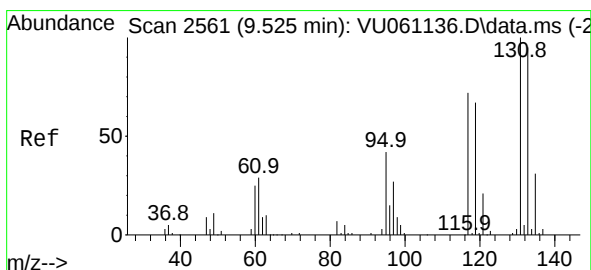
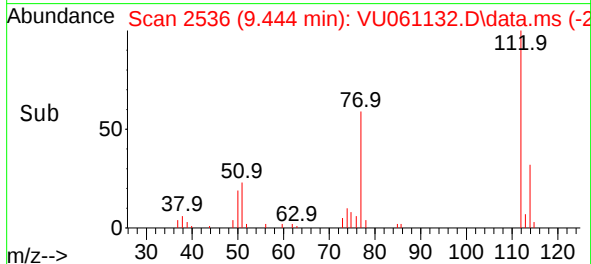
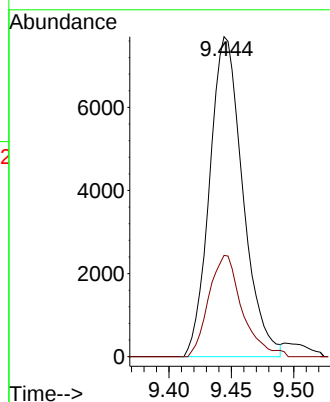
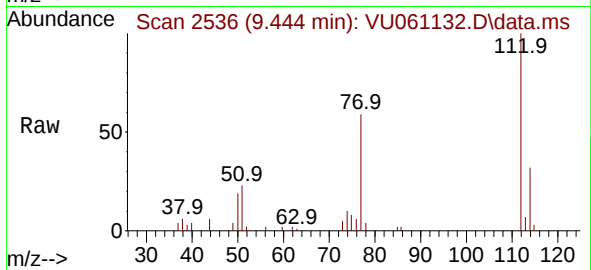
ClientSampleId :

Tgt Ion:112 Resp: 14271

Ion Ratio Lower Upper

112 100

114 31.7 25.6 38.4



#60

1,1,1,2-Tetrachloroethane

Concen: 0.482 ug/l

RT: 9.524 min Scan# 2561

Delta R.T. -0.000 min

Lab File: VU061132.D

Acq: 16 Oct 2024 10:02

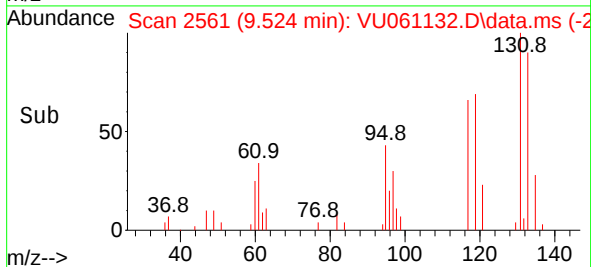
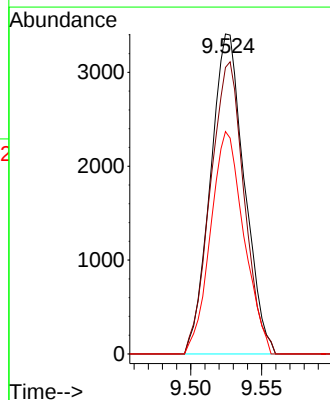
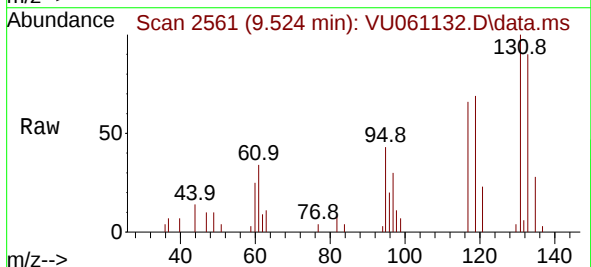
Tgt Ion:131 Resp: 5673

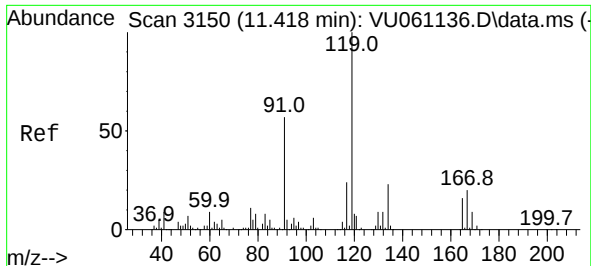
Ion Ratio Lower Upper

131 100

133 91.0 76.1 114.1

119 68.2 53.4 80.0

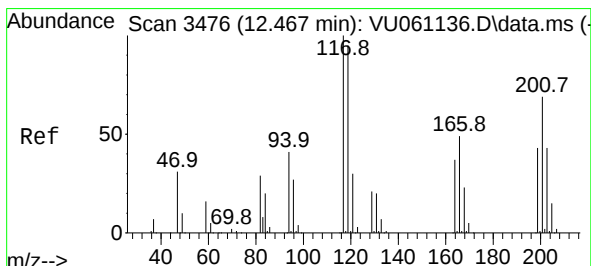
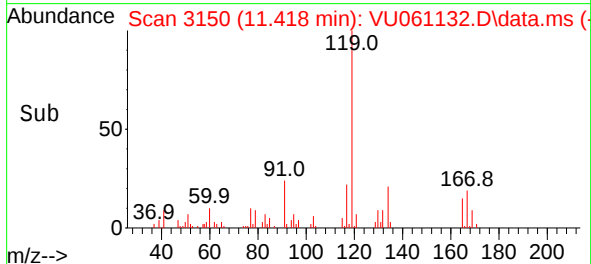
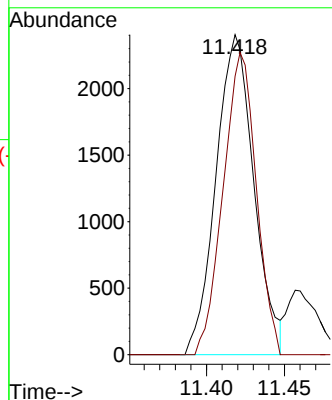
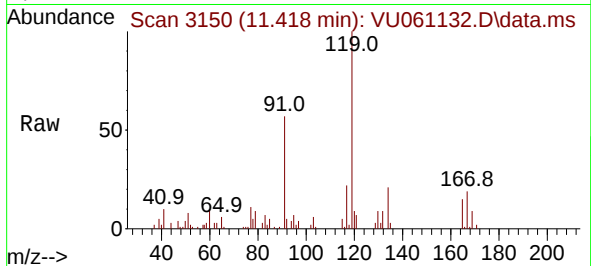




#61
Pentachloroethane
Concen: 0.448 ug/l
RT: 11.418 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU061132.D
Acq: 16 Oct 2024 10:02

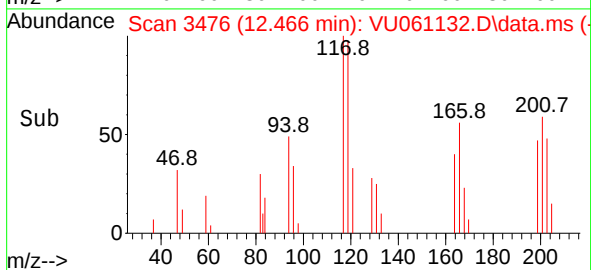
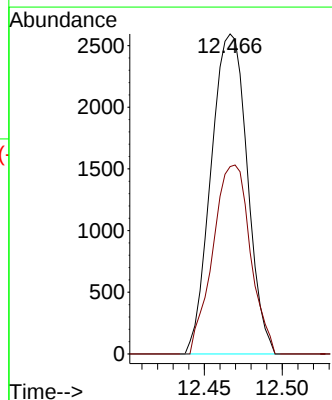
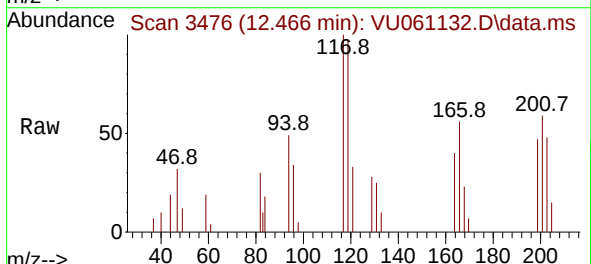
Instrument :
MSVOA_U
ClientSampleId :

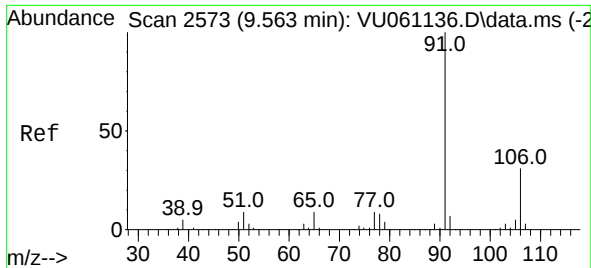
Tgt Ion:117 Resp: 4068
Ion Ratio Lower Upper
117 100
167 82.4 63.6 95.4



#62
Hexachloroethane
Concen: 0.442 ug/l
RT: 12.466 min Scan# 3476
Delta R.T. -0.000 min
Lab File: VU061132.D
Acq: 16 Oct 2024 10:02

Tgt Ion:117 Resp: 4184
Ion Ratio Lower Upper
117 100
201 61.1 54.3 81.5

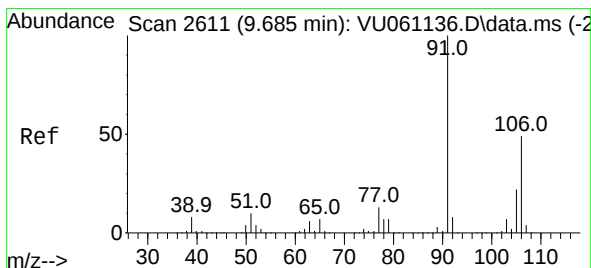
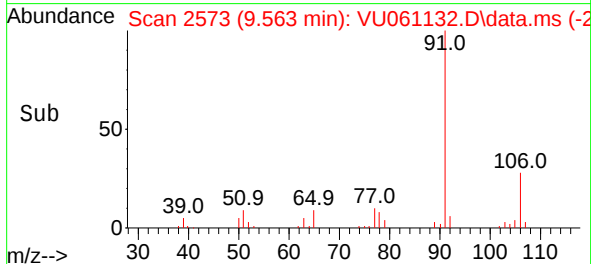
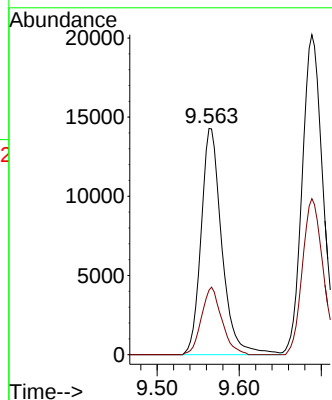
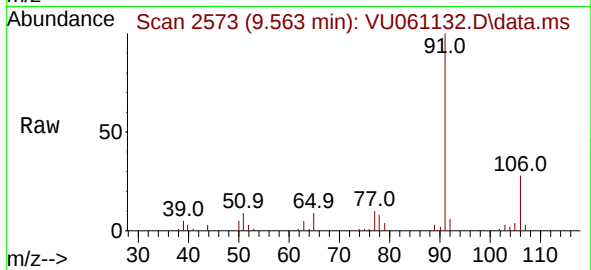




#63
Ethyl Benzene
Concen: 0.487 ug/l
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU061132.D
Acq: 16 Oct 2024 10:02

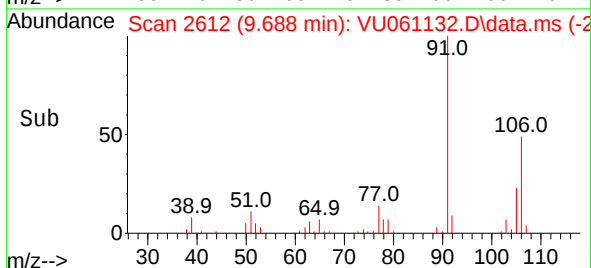
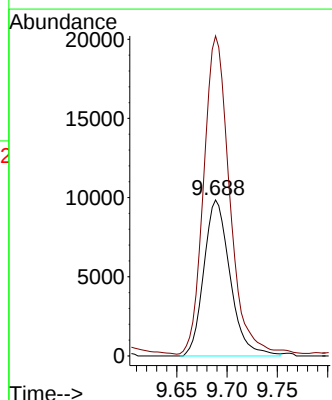
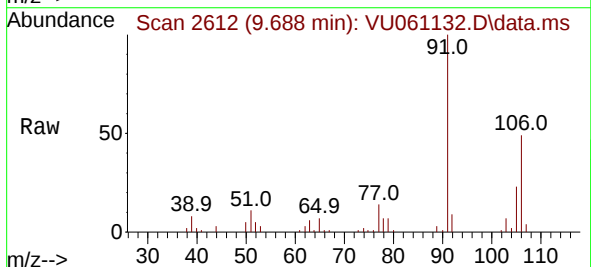
Instrument :
MSVOA_U
ClientSampleId :

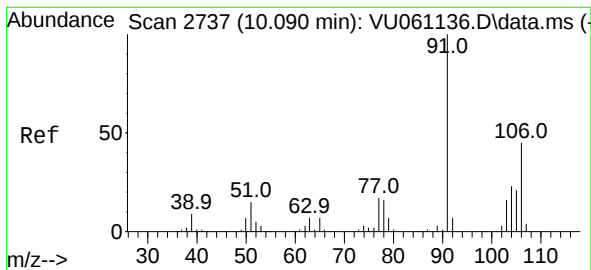
Tgt Ion: 91 Resp: 25109
Ion Ratio Lower Upper
91 100
106 28.5 24.7 37.1



#64
m/p-Xylenes
Concen: 0.932 ug/l
RT: 9.688 min Scan# 2612
Delta R.T. 0.003 min
Lab File: VU061132.D
Acq: 16 Oct 2024 10:02

Tgt Ion:106 Resp: 17888
Ion Ratio Lower Upper
106 100
91 202.3 164.1 246.1





#65

o-Xylene

Concen: 0.474 ug/l

RT: 10.097 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU061132.D

Acq: 16 Oct 2024 10:02

Instrument :

MSVOA_U

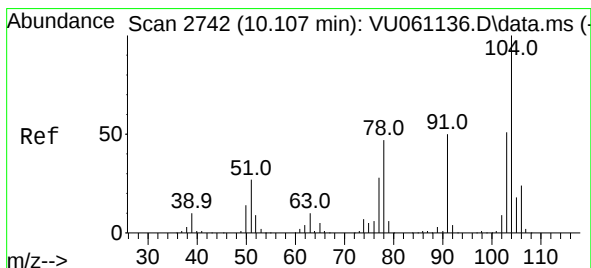
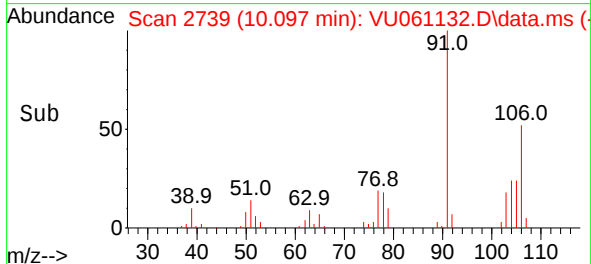
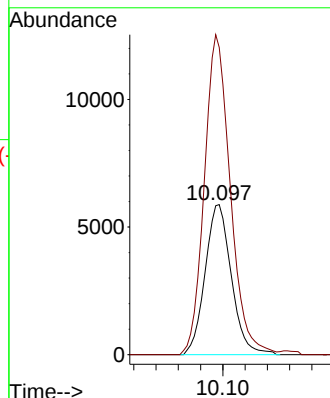
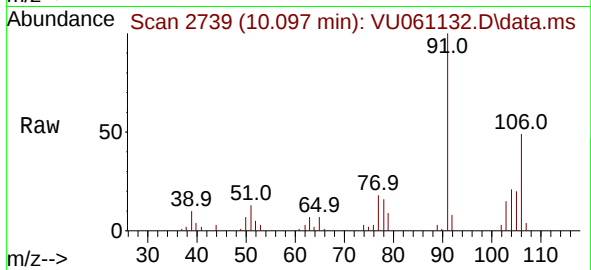
ClientSampleId :

Tgt Ion:106 Resp: 9629

Ion Ratio Lower Upper

106 100

91 210.8 109.1 327.2



#66

Styrene

Concen: 0.444 ug/l

RT: 10.113 min Scan# 2744

Delta R.T. 0.006 min

Lab File: VU061132.D

Acq: 16 Oct 2024 10:02

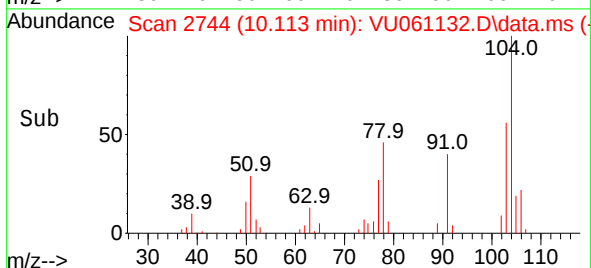
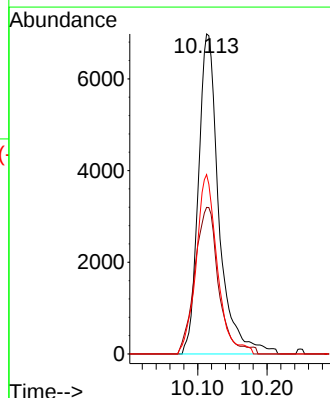
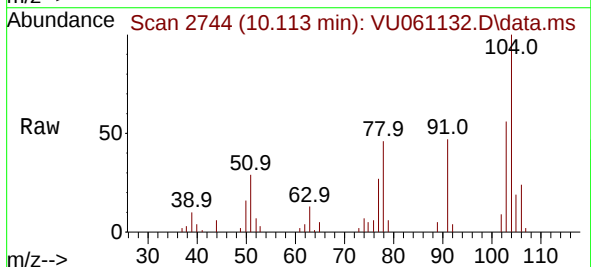
Tgt Ion:104 Resp: 14382

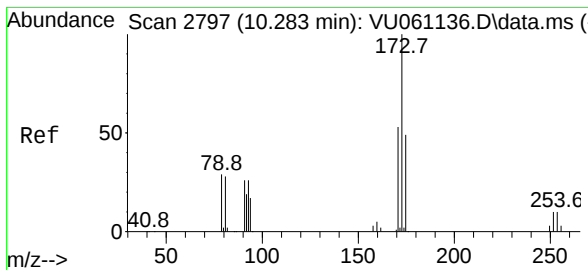
Ion Ratio Lower Upper

104 100

78 52.8 41.2 61.8

103 57.7 44.4 66.6





#67

Bromoform

Concen: 0.487 ug/l

RT: 10.287 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU061132.D

Acq: 16 Oct 2024 10:02

Instrument :

MSVOA_U

ClientSampleId :

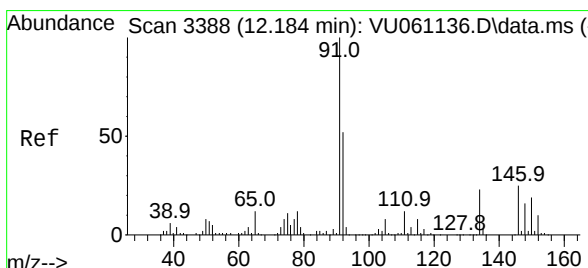
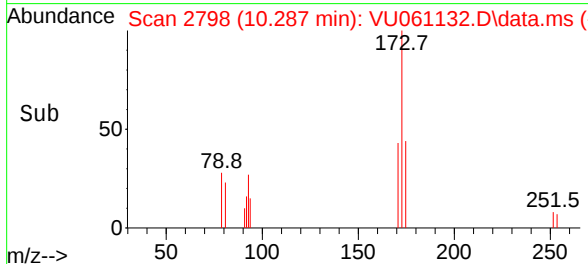
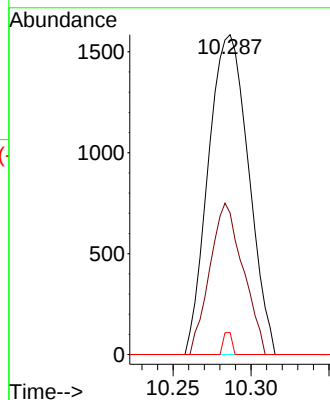
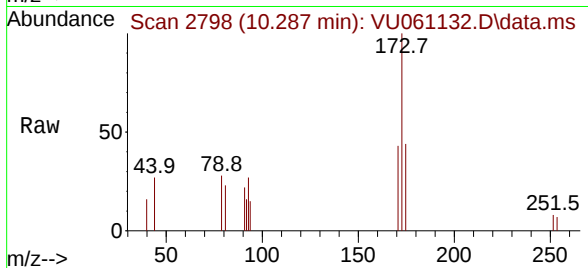
Tgt Ion:173 Resp: 2841

Ion Ratio Lower Upper

173 100

175 39.2 38.9 58.3

254 1.5 7.0 10.6#



#68

1,2-Dichlorobenzene-d4

Concen: 0.901 ug/l

RT: 12.187 min Scan# 3389

Delta R.T. 0.003 min

Lab File: VU061132.D

Acq: 16 Oct 2024 10:02

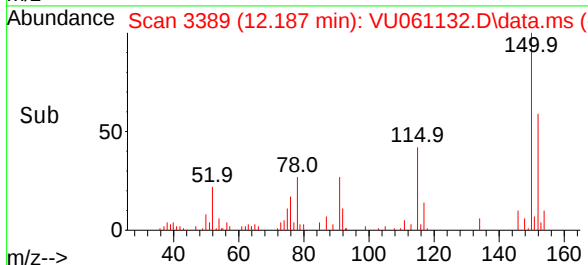
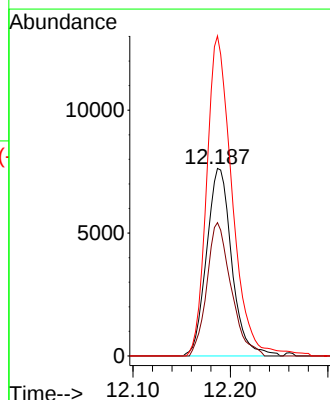
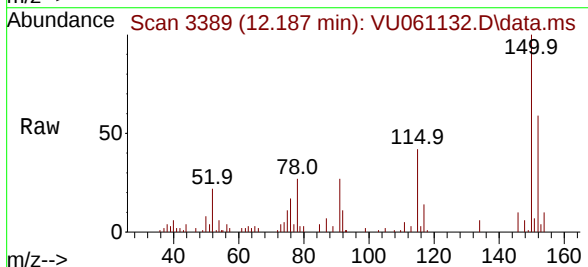
Tgt Ion:152 Resp: 13693

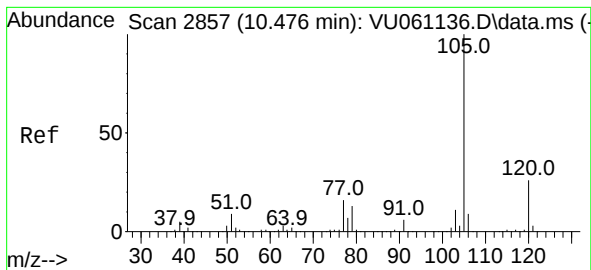
Ion Ratio Lower Upper

152 100

115 68.6 0.0 258.4

150 172.8 0.0 660.4





#69

Isopropylbenzene

Concen: 0.471 ug/l

RT: 10.476 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU061132.D

Acq: 16 Oct 2024 10:02

Instrument :

MSVOA_U

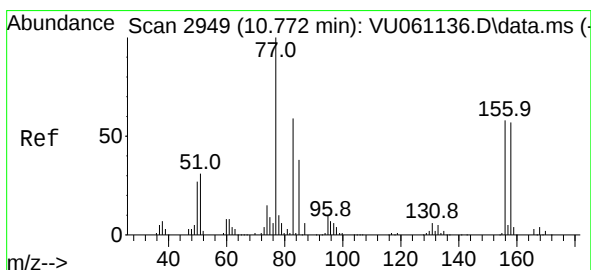
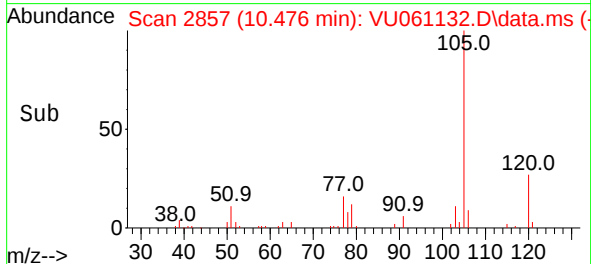
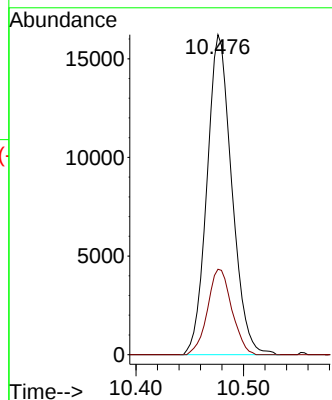
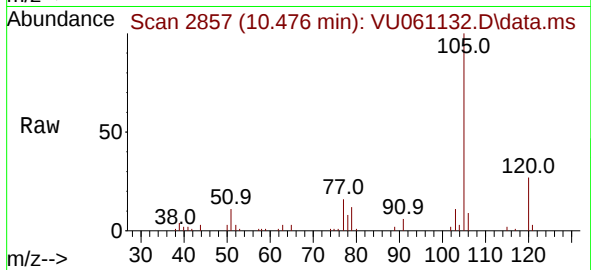
ClientSampleId :

Tgt Ion:105 Resp: 25988

Ion Ratio Lower Upper

105 100

120 26.0 13.2 39.5



#70

1,1,2,2-Tetrachloroethane

Concen: 0.463 ug/l

RT: 10.772 min Scan# 2949

Delta R.T. -0.000 min

Lab File: VU061132.D

Acq: 16 Oct 2024 10:02

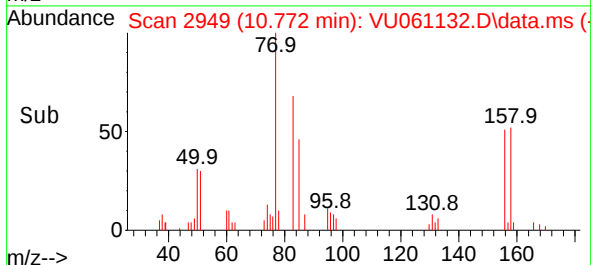
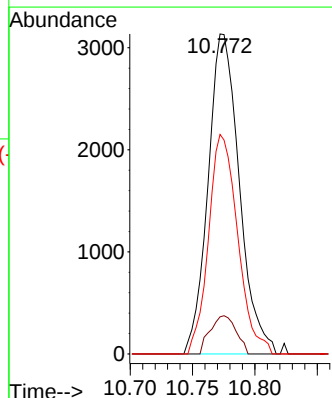
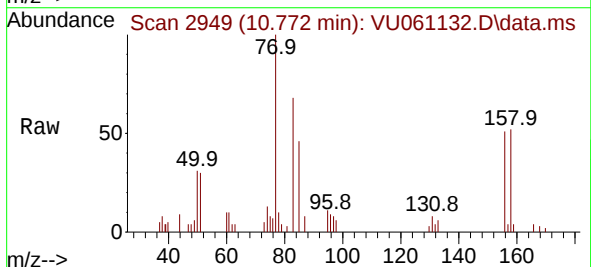
Tgt Ion: 83 Resp: 5475

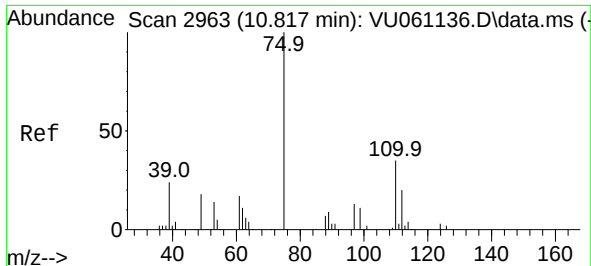
Ion Ratio Lower Upper

83 100

131 9.9 7.5 11.3

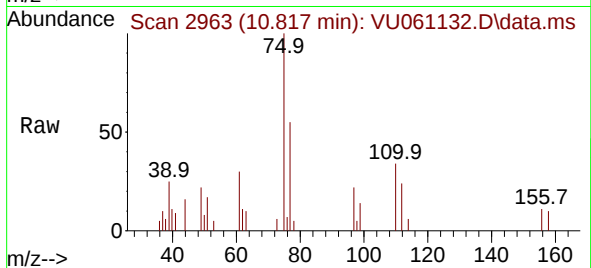
85 64.0 52.3 78.5



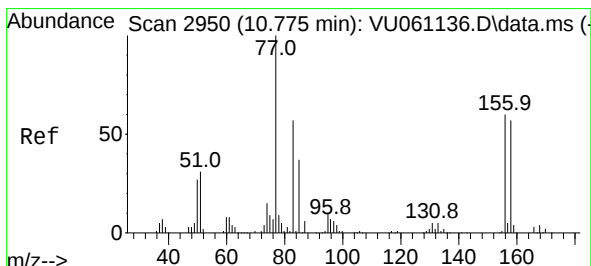
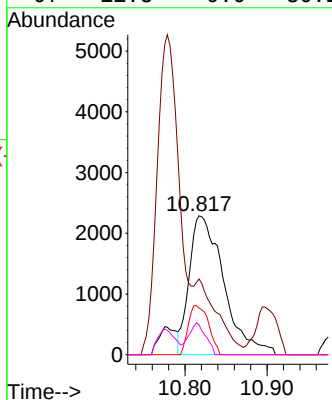
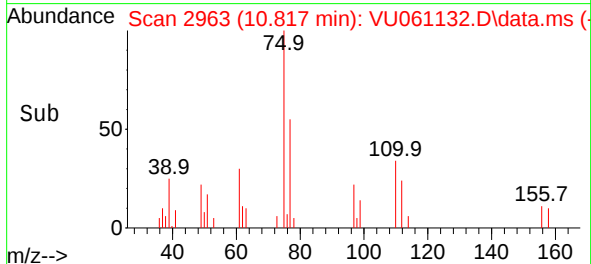


#71
1,2,3-Trichloropropane
Concen: 0.729 ug/l
RT: 10.817 min Scan# 2963
Delta R.T. -0.000 min
Lab File: VU061132.D
Acq: 16 Oct 2024 10:02

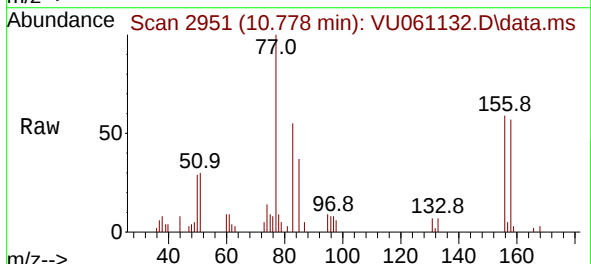
Instrument :
MSVOA_U
ClientSampleId :



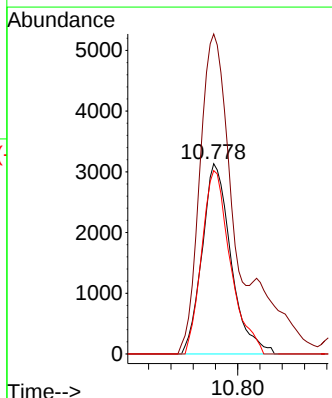
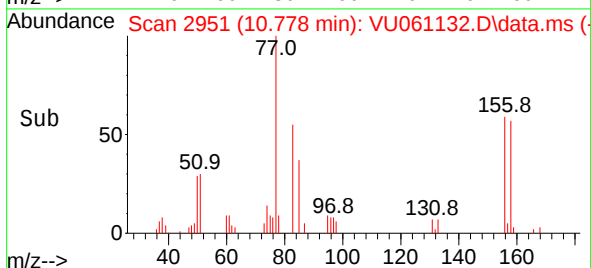
Tgt Ion:	75	Resp:	6702
Ion	Ratio	Lower	Upper
75	100		
77	21.2	0.0	0.0#
110	20.5	0.0	66.8
97	11.3	0.0	36.2

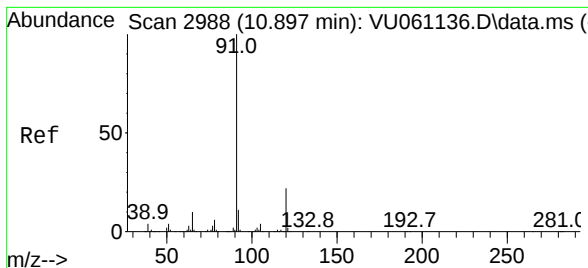


#72
Bromobenzene
Concen: 0.467 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VU061132.D
Acq: 16 Oct 2024 10:02



Tgt Ion:	156	Resp:	5641
Ion	Ratio	Lower	Upper
156	100		
77	173.9	0.0	342.6
158	95.5	0.0	195.2





#73

n-propylbenzene

Concen: 0.438 ug/l

RT: 10.901 min Scan# 2989

Delta R.T. 0.003 min

Lab File: VU061132.D

Acq: 16 Oct 2024 10:02

Instrument :

MSVOA_U

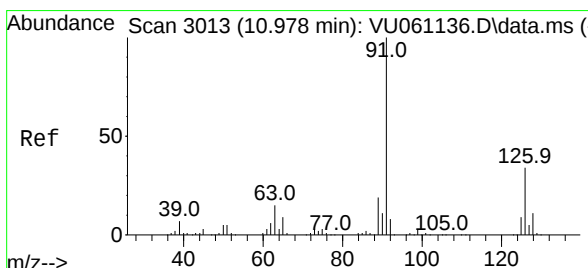
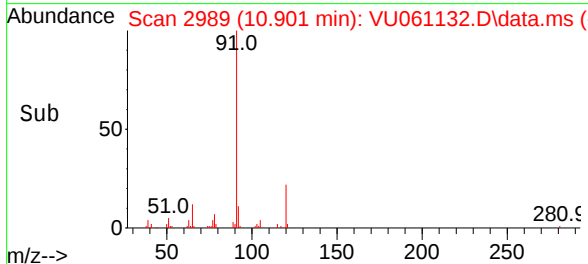
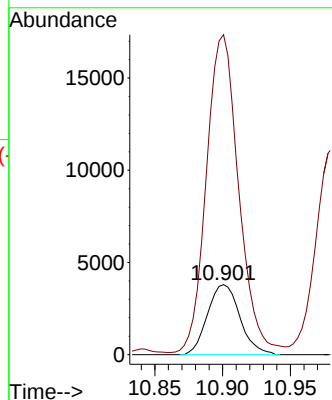
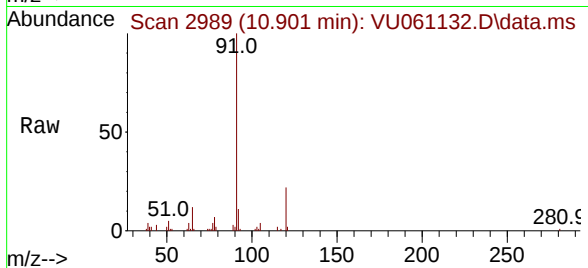
ClientSampleId :

Tgt Ion:120 Resp: 6314

Ion Ratio Lower Upper

120 100

91 450.1 354.6 532.0



#74

2-Chlorotoluene

Concen: 0.467 ug/l

RT: 10.981 min Scan# 3014

Delta R.T. 0.003 min

Lab File: VU061132.D

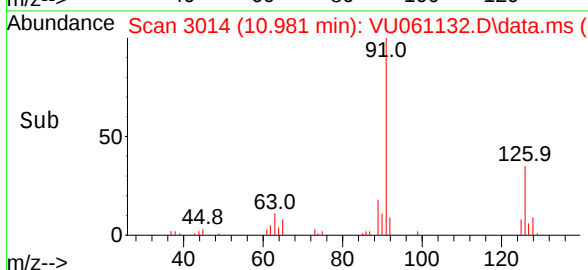
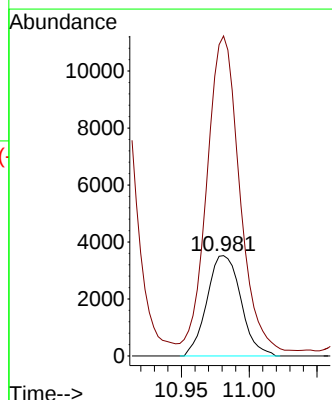
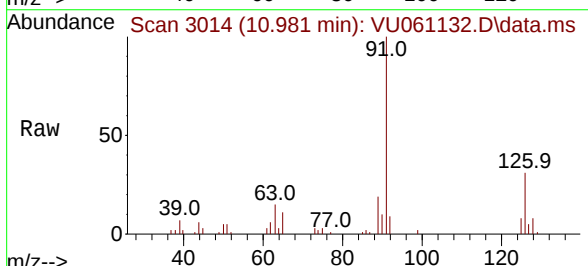
Acq: 16 Oct 2024 10:02

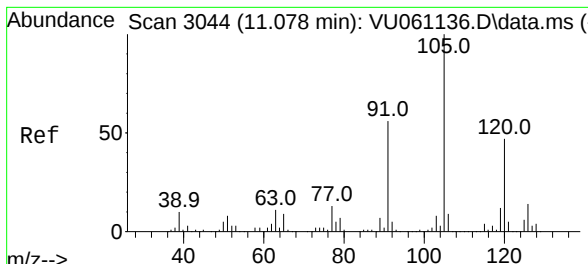
Tgt Ion:126 Resp: 6120

Ion Ratio Lower Upper

126 100

91 301.2 0.0 596.4

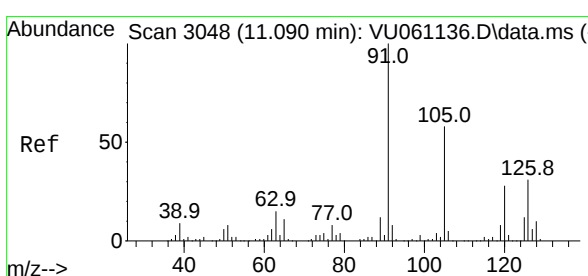
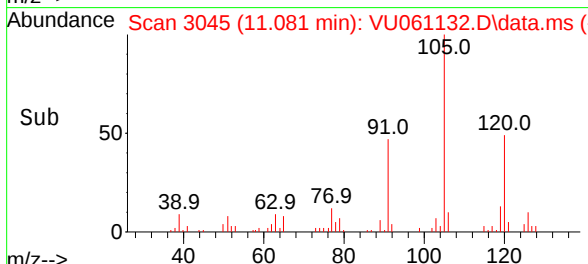
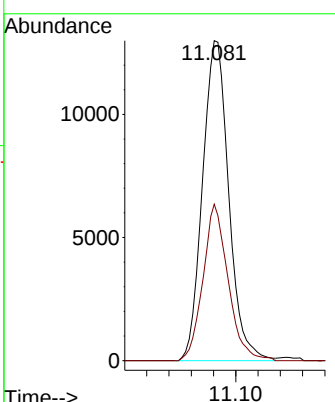
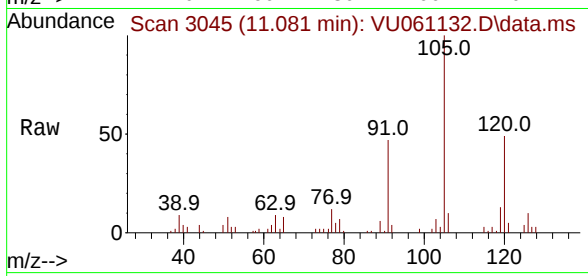




#75
 1,3,5-Trimethylbenzene
 Concen: 0.458 ug/l
 RT: 11.081 min Scan# 3044
 Delta R.T. 0.003 min
 Lab File: VU061132.D
 Acq: 16 Oct 2024 10:02

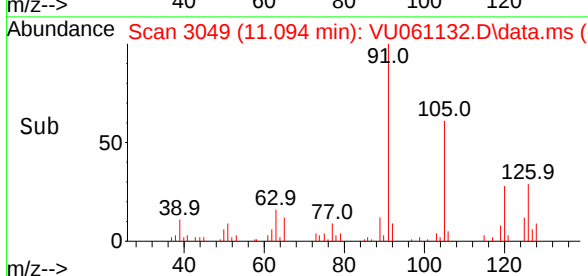
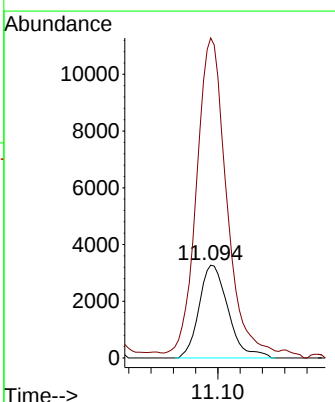
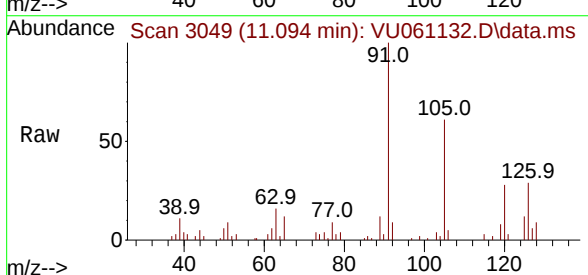
Instrument :
 MSVOA_U
 ClientSampleId :

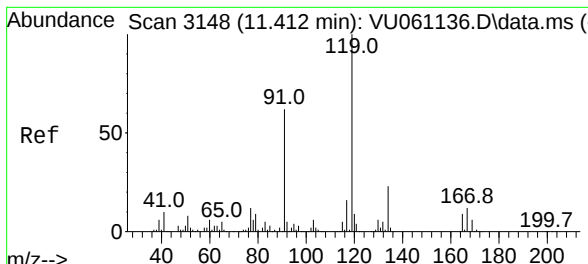
Tgt Ion:	105	Resp:	21225
Ion Ratio	Lower	Upper	
105	100		
120	46.9	37.8	56.8



#76
 4-Chlorotoluene
 Concen: 0.446 ug/l
 RT: 11.094 min Scan# 3049
 Delta R.T. 0.003 min
 Lab File: VU061132.D
 Acq: 16 Oct 2024 10:02

Tgt Ion:	126	Resp:	5920
Ion Ratio	Lower	Upper	
126	100		
91	343.6	0.0	688.8

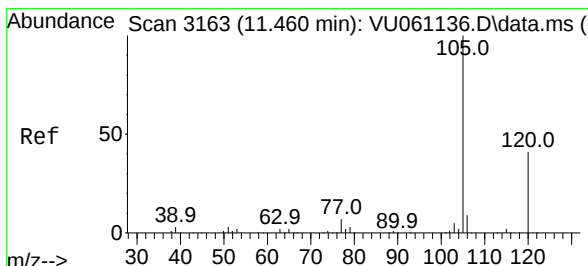
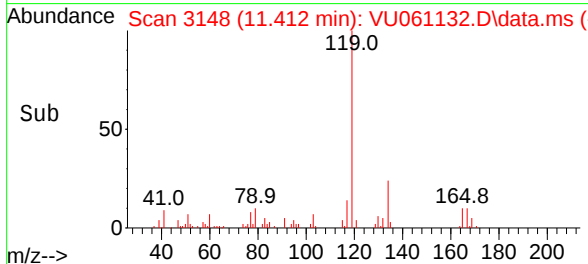
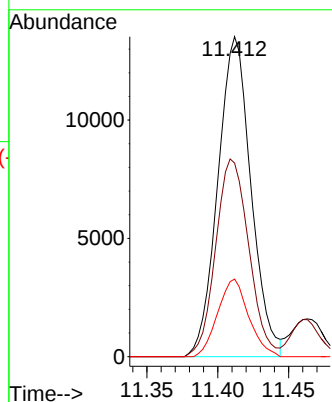
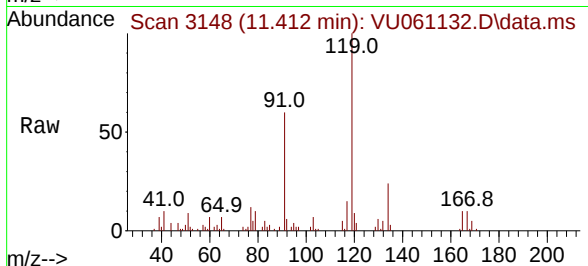




#77
tert-Butylbenzene
Concen: 0.457 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU061132.D
Acq: 16 Oct 2024 10:02

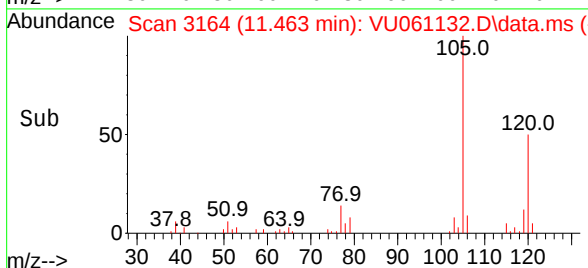
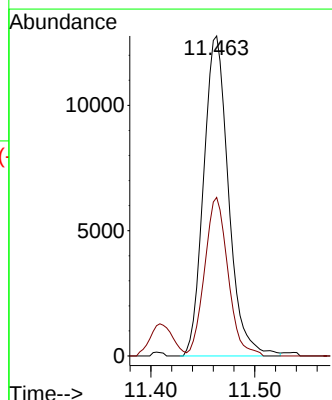
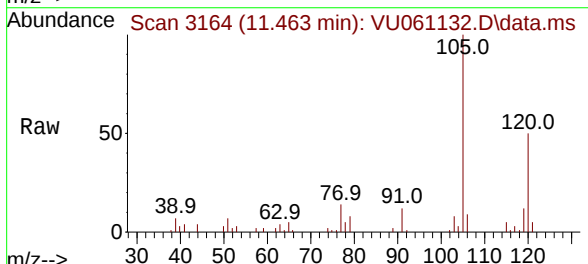
Instrument :
MSVOA_U
ClientSampleId :

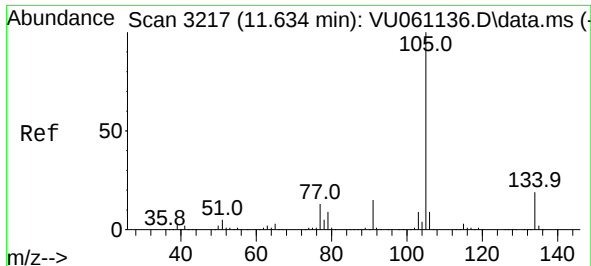
Tgt Ion:119	Resp:	22049
Ion Ratio	Lower	Upper
119	100	
91	61.8	30.0 90.0
134	22.6	17.6 26.4



#78
1,2,4-Trimethylbenzene
Concen: 0.449 ug/l
RT: 11.463 min Scan# 3164
Delta R.T. 0.003 min
Lab File: VU061132.D
Acq: 16 Oct 2024 10:02

Tgt Ion:105	Resp:	21249
Ion Ratio	Lower	Upper
105	100	
120	46.5	22.2 66.6





#79

sec-Butylbenzene

Concen: 0.456 ug/l

RT: 11.637 min Scan# 3217

Delta R.T. 0.003 min

Lab File: VU061132.D

Acq: 16 Oct 2024 10:02

Instrument :

MSVOA_U

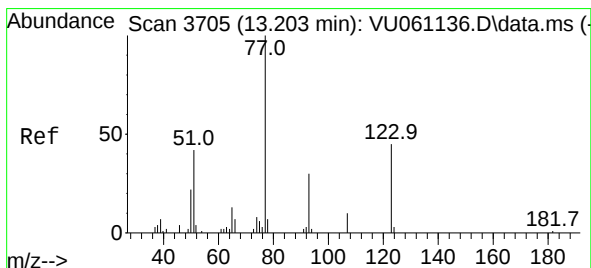
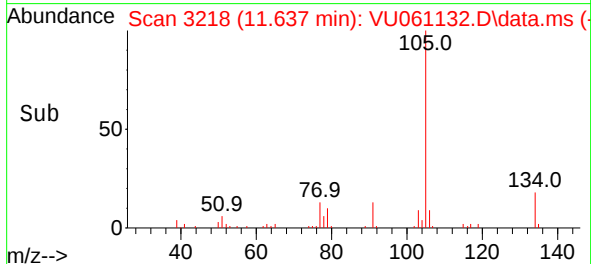
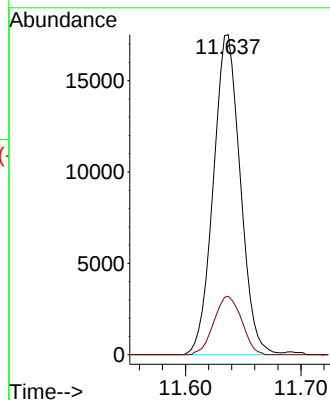
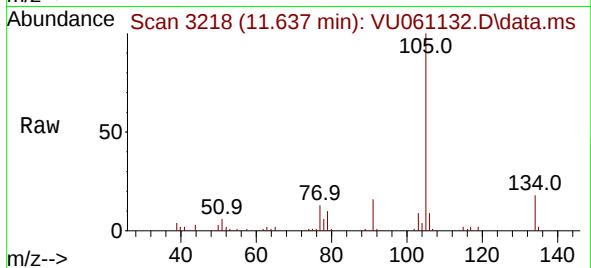
ClientSampleId :

Tgt Ion:105 Resp: 28450

Ion Ratio Lower Upper

105 100

134 18.8 15.5 23.3



#80

Nitrobenzene

Concen: 4.832 ug/l

RT: 13.235 min Scan# 3715

Delta R.T. 0.032 min

Lab File: VU061132.D

Acq: 16 Oct 2024 10:02

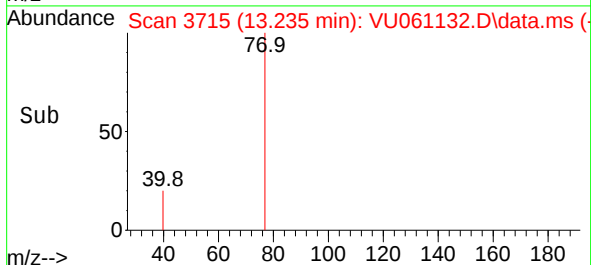
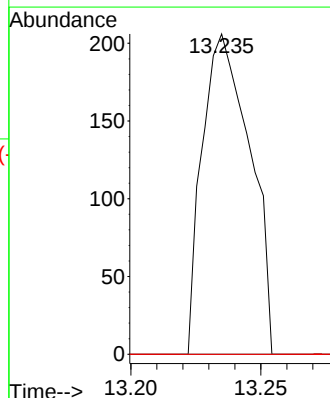
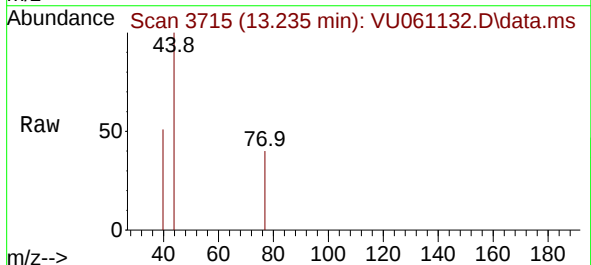
Tgt Ion: 77 Resp: 263

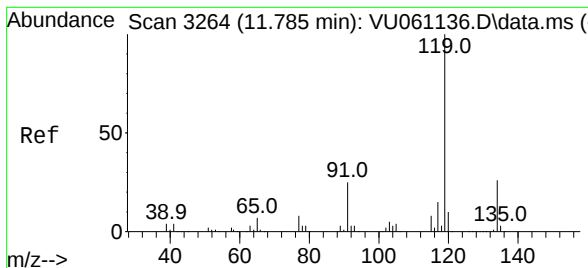
Ion Ratio Lower Upper

77 100

123 0.0 17.4 61.6#

65 0.0 12.4 15.8#





#81

p-Isopropyltoluene

Concen: 0.441 ug/l

RT: 11.785 min Scan# 3264

Delta R.T. -0.000 min

Lab File: VU061132.D

Acq: 16 Oct 2024 10:02

Instrument :

MSVOA_U

ClientSampleId :

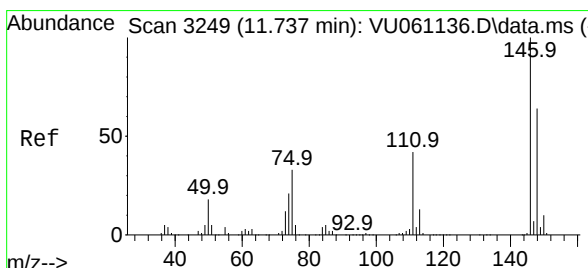
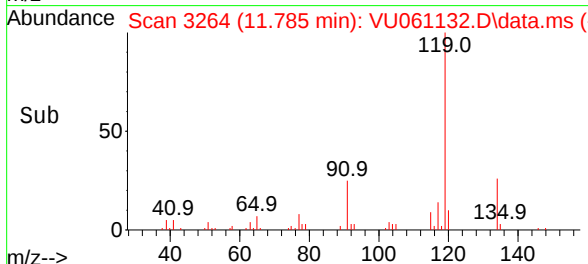
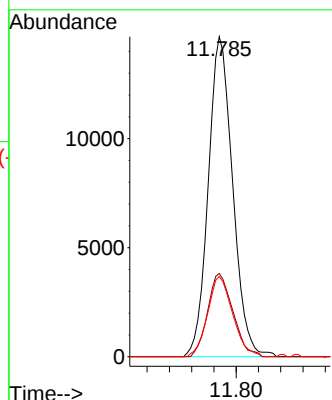
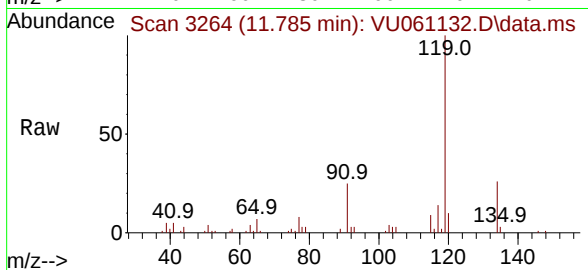
Tgt Ion:119 Resp: 22331

Ion Ratio Lower Upper

119 100

134 26.8 20.7 31.1

91 25.7 19.8 29.8



#82

1,3-Dichlorobenzene

Concen: 0.460 ug/l

RT: 11.743 min Scan# 3251

Delta R.T. 0.006 min

Lab File: VU061132.D

Acq: 16 Oct 2024 10:02

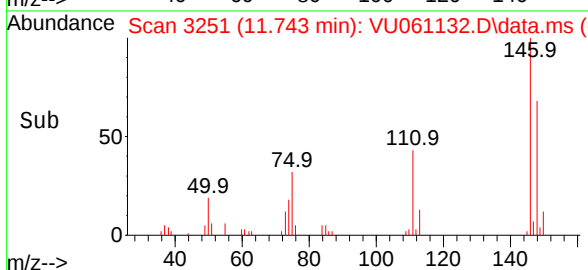
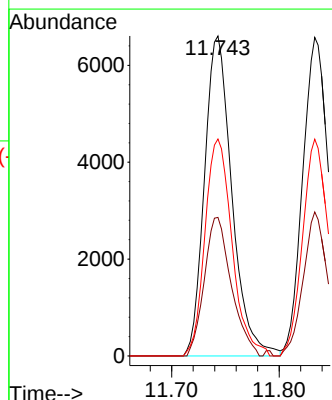
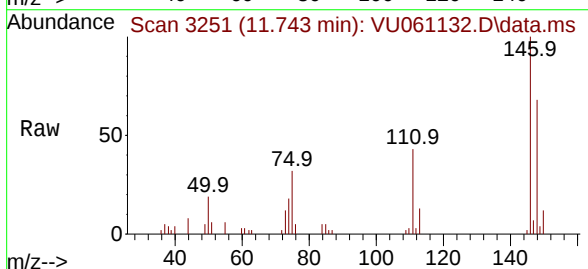
Tgt Ion:146 Resp: 11706

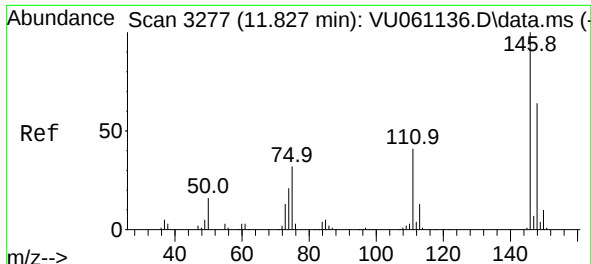
Ion Ratio Lower Upper

146 100

111 42.7 34.0 51.0

148 67.1 50.8 76.2





#83

1,4-Dichlorobenzene

Concen: 0.446 ug/l

RT: 11.833 min Scan# 31

Delta R.T. 0.006 min

Lab File: VU061132.D

Acq: 16 Oct 2024 10:02

Instrument :

MSVOA_U

ClientSampleId :

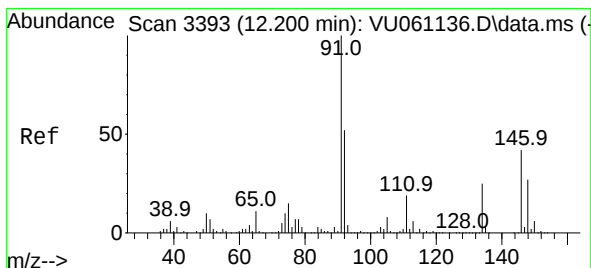
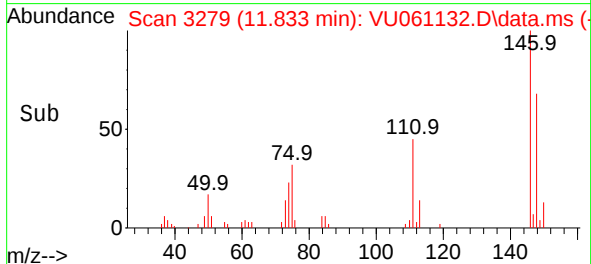
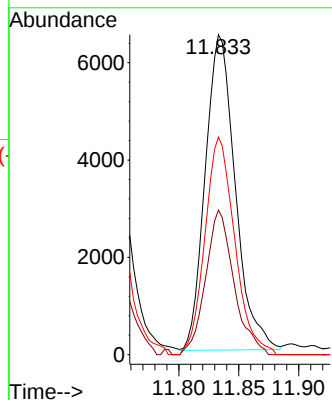
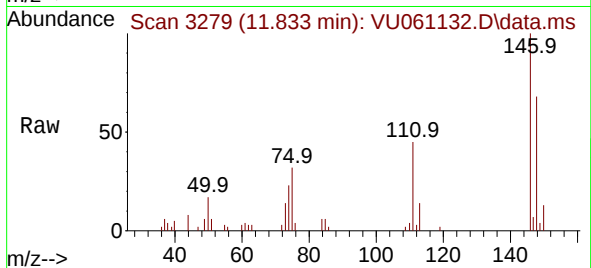
Tgt Ion:146 Resp: 11275

Ion Ratio Lower Upper

146 100

111 43.3 33.0 49.6

148 68.6 51.2 76.8



#84

n-Butylbenzene

Concen: 0.456 ug/l

RT: 12.203 min Scan# 3394

Delta R.T. 0.003 min

Lab File: VU061132.D

Acq: 16 Oct 2024 10:02

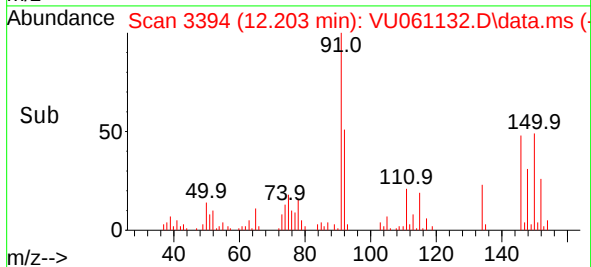
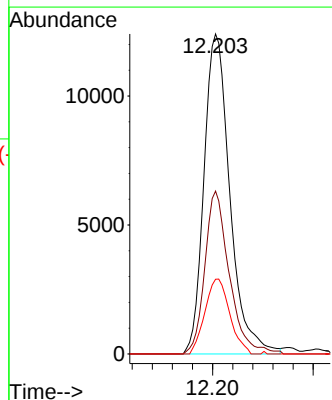
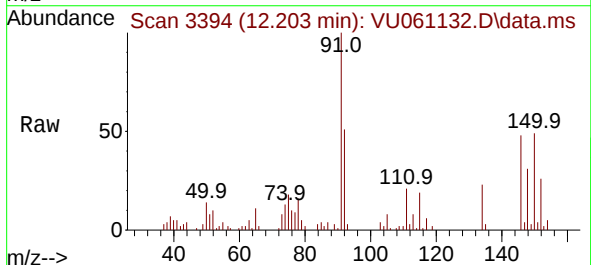
Tgt Ion: 91 Resp: 22185

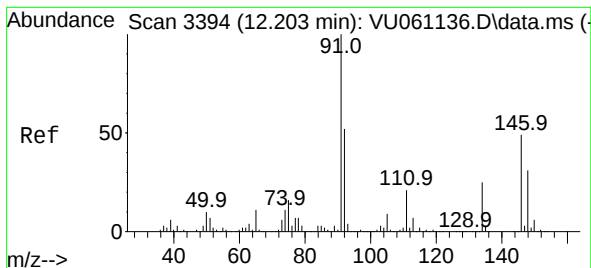
Ion Ratio Lower Upper

91 100

92 48.1 41.7 62.5

134 22.4 19.8 29.6





#85

1,2-Dichlorobenzene

Concen: 0.462 ug/l

RT: 12.206 min Scan# 3411

Delta R.T. 0.003 min

Lab File: VU061132.D

Acq: 16 Oct 2024 10:02

Instrument :

MSVOA_U

ClientSampleId :

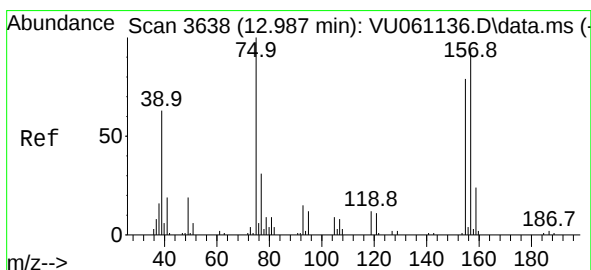
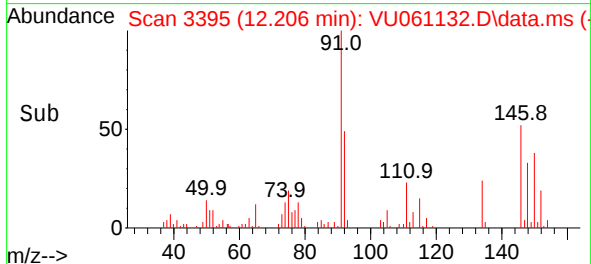
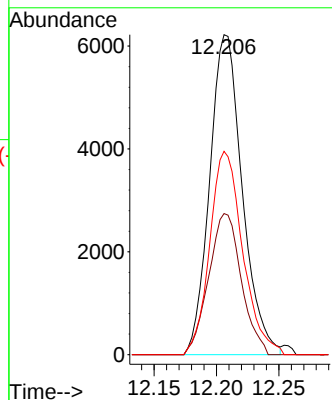
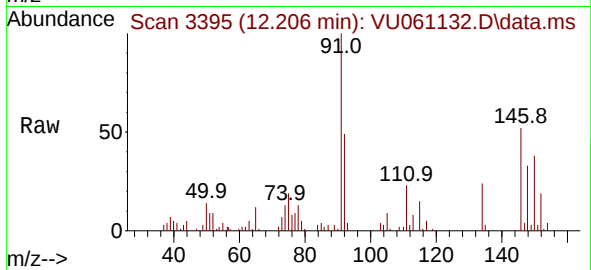
Tgt Ion:146 Resp: 11323

Ion Ratio Lower Upper

146 100

111 44.1 21.7 65.1

148 64.3 31.5 94.5



#86

1,2-Dibromo-3-Chloropropane

Concen: 0.503 ug/l

RT: 12.997 min Scan# 3641

Delta R.T. 0.010 min

Lab File: VU061132.D

Acq: 16 Oct 2024 10:02

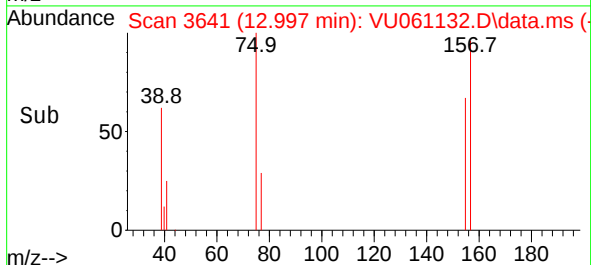
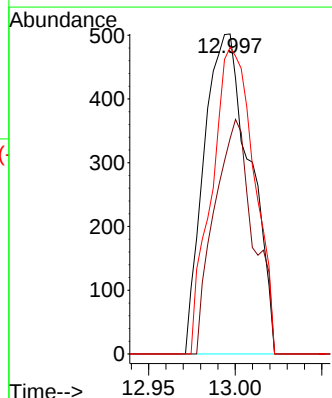
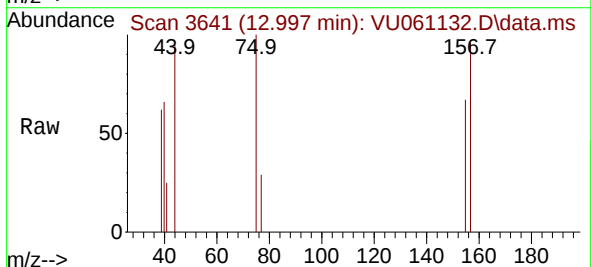
Tgt Ion: 75 Resp: 926

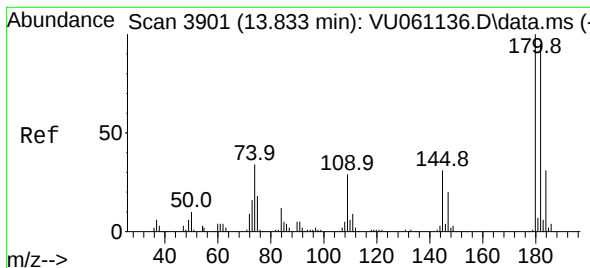
Ion Ratio Lower Upper

75 100

155 62.4 61.3 91.9

157 88.9 78.9 118.3





#87

1,2,4-Trichlorobenzene

Concen: 0.419 ug/l

RT: 13.843 min Scan# 3904

Delta R.T. 0.010 min

Lab File: VU061132.D

Acq: 16 Oct 2024 10:02

Instrument :

MSVOA_U

ClientSampleId :

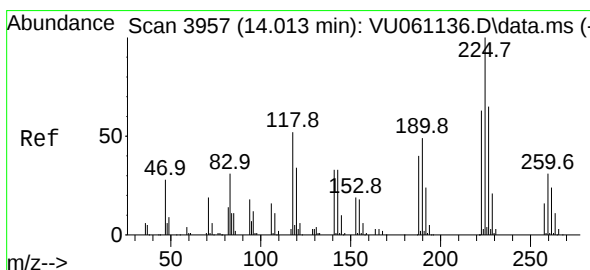
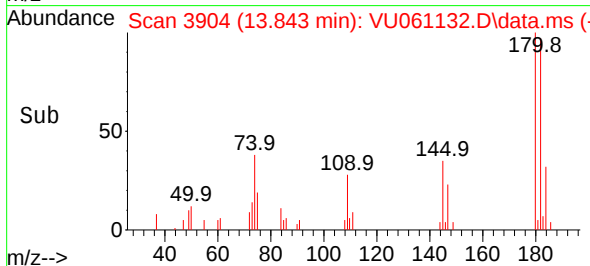
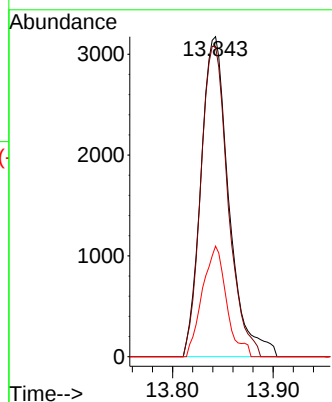
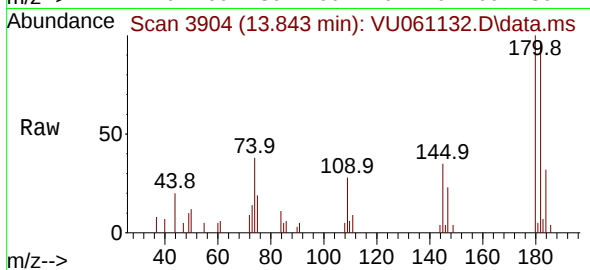
Tgt Ion:180 Resp: 6136

Ion Ratio Lower Upper

180 100

182 94.3 74.8 112.2

145 29.8 24.9 37.3



#88

Hexachlorobutadiene

Concen: 0.444 ug/l

RT: 14.013 min Scan# 3957

Delta R.T. -0.000 min

Lab File: VU061132.D

Acq: 16 Oct 2024 10:02

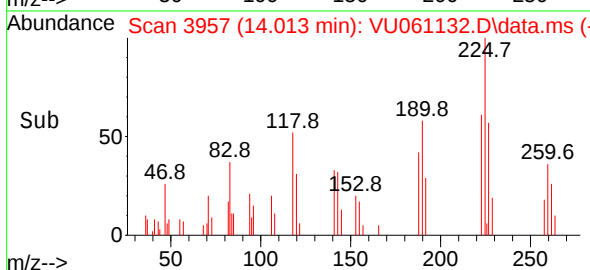
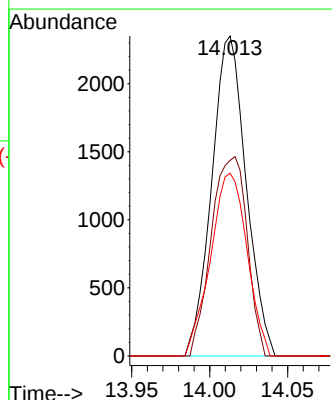
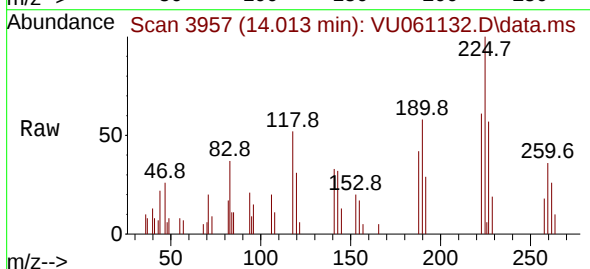
Tgt Ion:225 Resp: 3606

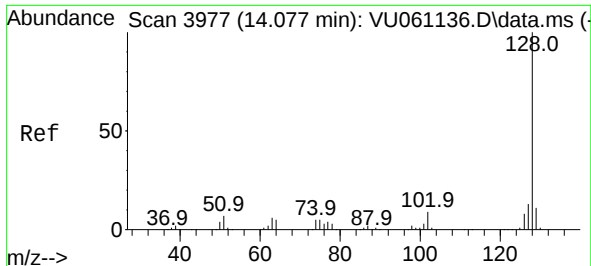
Ion Ratio Lower Upper

225 100

223 64.8 51.4 77.0

227 60.4 51.2 76.8





#89

Naphthalene

Concen: 0.412 ug/l

RT: 14.090 min Scan# 3981

Delta R.T. 0.013 min

Lab File: VU061132.D

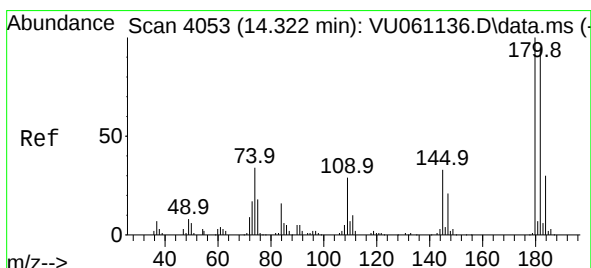
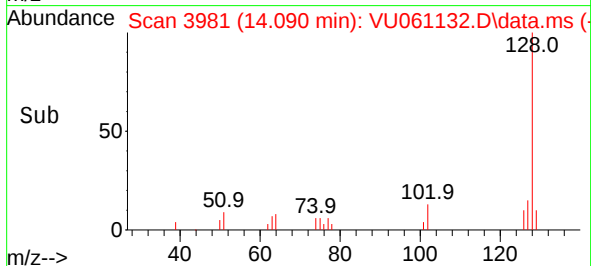
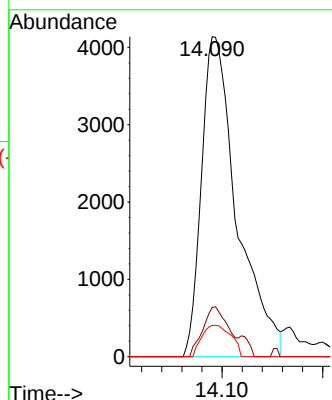
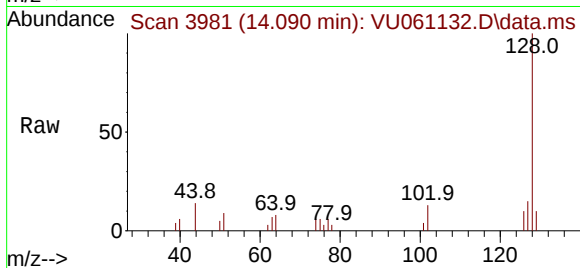
Acq: 16 Oct 2024 10:02

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:128	Resp:	10131
Ion Ratio	Lower	Upper
128	100	
127	11.3	10.5 15.7
129	8.0	8.8 13.2#



#90

1,2,3-Trichlorobenzene

Concen: 0.430 ug/l

RT: 14.328 min Scan# 4055

Delta R.T. 0.006 min

Lab File: VU061132.D

Acq: 16 Oct 2024 10:02

Tgt Ion:180	Resp:	5321
Ion Ratio	Lower	Upper
180	100	
182	91.8	76.6 114.8
145	31.1	27.3 40.9

