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 Data File : VU061137.D
 Acq On : 16 Oct 2024 12:27
 Operator : MD/SY
 Sample : VSTDICC015
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 17 04:53:51 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	31591	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	17130	1.050	ug/l	0.00
Spiked Amount	1.000		Recovery	=	105.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	17040	1.074	ug/l	0.00
Spiked Amount	1.000		Recovery	=	107.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	91839	14.928	ug/l	100
3) Chloromethane	1.515	50	60367	14.307	ug/l	97
4) Vinyl Chloride	1.599	62	75746	15.274	ug/l	99
5) Bromomethane	1.853	94	46401	13.947	ug/l	99
6) Chloroethane	1.927	64	86866	16.806	ug/l	98
7) Trichlorofluoromethane	2.126	101	188952	15.831	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.570	101	118240	15.376	ug/l	98
9) 1,1-Dichloroethene	2.570	96	84859	15.527	ug/l	97
10) Iodomethane	2.711	142	92888	18.799	ug/l	100
11) Allyl Chloride	2.914	41	131717	14.923	ug/l	97
12) Acrylonitrile	3.316	53	67730	30.495	ug/l	99
13) Acetone	2.637	43	265779	77.576	ug/l	99
14) Carbon Disulfide	2.782	76	62408	14.305	ug/l	99
15) Methylene Chloride	3.036	84	139132	14.814	ug/l	99
16) trans-1,2-Dichloroethene	3.341	96	94661	15.335	ug/l	95
17) 1,1-Dichloroethane	3.856	63	286164	15.462	ug/l	99
18) 2-Butanone	4.702	43	300666	77.078	ug/l	100
19) Cyclohexane	5.377	56	104227	13.402	ug/l	86
20) Methylcyclohexane	6.753	83	154573	15.621	ug/l	99
21) 2,2-Dichloropropane	4.650	77	275926	15.381	ug/l	100
22) cis-1,2-Dichloroethene	4.657	96	161984	15.505	ug/l	100
23) Diethyl Ether	2.370	59	90593	15.142	ug/l	95
24) tert-Butyl Alcohol	3.232	59	86204	85.798	ug/l	# 92
25) Methyl tert-Butyl Ether	3.354	73	425893	15.487	ug/l	97
26) Bromochloromethane	4.962	128	67622	15.533	ug/l	98
27) Chloroform	5.078	83	337507	15.167	ug/l	100
28) 1,1,1-Trichloroethane	5.306	97	271849	15.438	ug/l	100
29) 1,1-Dichloropropene	5.515	75	157928	15.477	ug/l	98
30) Carbon Tetrachloride	5.515	117	211654	15.596	ug/l	98
31) Isopropyl Ether	3.981	45	468141	15.485	ug/l	99
32) Ethyl-t-butyl ether	4.489	59	502920	15.721	ug/l	99
33) Tert-Amyl methyl ether	5.930	73	476712	16.036	ug/l	99
34) Propionitrile	4.785	54	70840	78.042	ug/l	96
35) Benzene	5.763	78	550155	15.354	ug/l	100
36) 1,2-Dichloroethane	5.782	62	192302	15.568	ug/l	100
37) Trichloroethene	6.534	130	151524	15.263	ug/l	98
38) 1,2-Dichloropropane	6.782	63	183057	15.378	ug/l	98
39) Methacrylonitrile	4.965	41	50757	16.484	ug/l	99
40) Methyl acrylate	4.840	55	87856	16.946	ug/l	# 98
41) Tetrahydrofuran	5.052	42	47754	28.789	ug/l	99
42) 1-Chlorobutane	5.447	56	224827	15.602	ug/l	100
43) Dibromomethane	6.910	93	85028	15.342	ug/l	98
44) Bromodichloromethane	7.097	83	263651	15.687	ug/l	99

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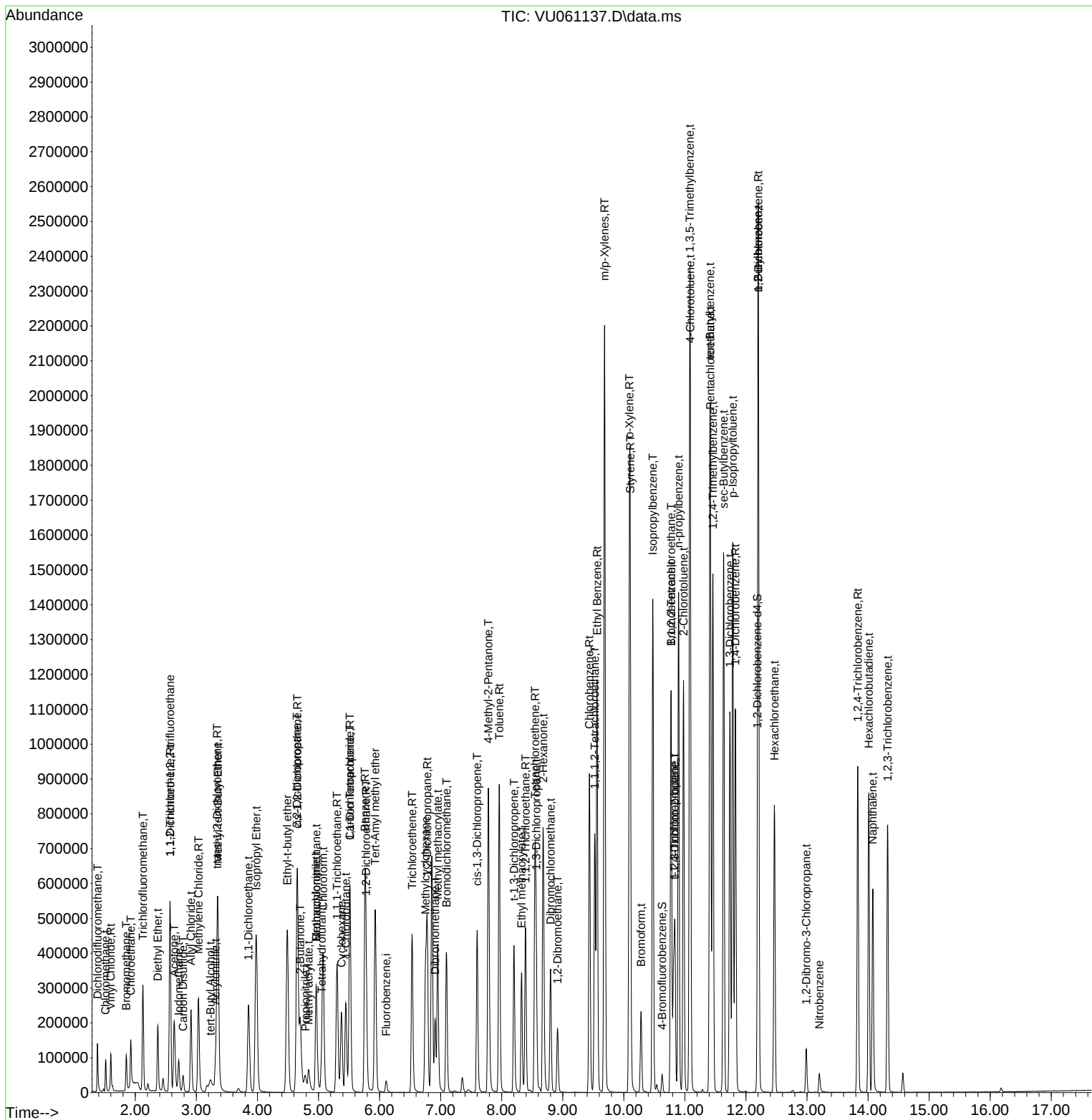
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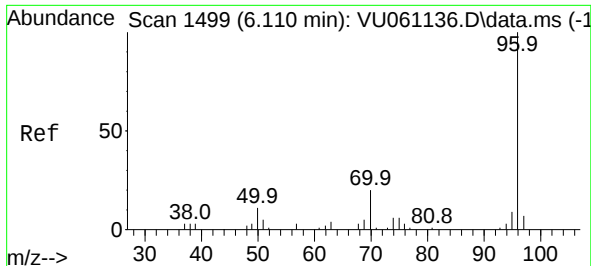
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Oct 17 04:49:29 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.782	43	572942	78.864	ug/l	100
46) t-1,4-Dichloro-2-butene	10.830	75	257879	82.982	ug/l #	50
47) Methyl methacrylate	6.952	69	182441	32.200	ug/l	99
48) Ethyl methacrylate	8.325	69	190175	16.090	ug/l	99
49) Toluene	7.962	92	379938	15.606	ug/l	100
50) t-1,3-Dichloropropene	8.203	75	238998	16.154	ug/l	99
51) cis-1,3-Dichloropropene	7.599	75	271103	15.739	ug/l	98
52) 1,1,2-Trichloroethane	8.389	97	145039	15.448	ug/l	98
53) 1,3-Dichloropropane	8.566	76	234527	15.424	ug/l	99
54) 2-Hexanone	8.679	43	519740	81.335	ug/l	99
55) Dibromochloromethane	8.801	129	179020	15.790	ug/l	98
56) 1,2-Dibromoethane	8.914	107	122698	15.505	ug/l	99
58) Tetrachloroethene	8.547	164	134343	15.474	ug/l	99
59) Chlorobenzene	9.438	112	494152	15.662	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.524	131	193053	15.686	ug/l	99
61) Pentachloroethane	11.418	117	157255	16.588	ug/l	99
62) Hexachloroethane	12.467	117	171124	17.308	ug/l	99
63) Ethyl Benzene	9.563	91	841114	15.600	ug/l	100
64) m/p-Xylenes	9.685	106	638795	31.837	ug/l	99
65) o-Xylene	10.094	106	334241	15.752	ug/l	99
66) Styrene	10.106	104	556737	16.463	ug/l	100
67) Bromoform	10.283	173	102186	16.765	ug/l	100
69) Isopropylbenzene	10.476	105	921716	15.977	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.775	83	200326	16.220	ug/l	99
71) 1,2,3-Trichloropropane	10.830	75	257879	26.846	ug/l #	78
72) Bromobenzene	10.775	156	200586	15.891	ug/l	99
73) n-propylbenzene	10.897	120	247634	16.435	ug/l	100
74) 2-Chlorotoluene	10.978	126	216990	15.852	ug/l	100
75) 1,3,5-Trimethylbenzene	11.081	105	789023	16.293	ug/l	99
76) 4-Chlorotoluene	11.090	126	226666	16.333	ug/l	98
77) tert-Butylbenzene	11.412	119	817011	16.205	ug/l	99
78) 1,2,4-Trimethylbenzene	11.460	105	814716	16.476	ug/l	100
79) sec-Butylbenzene	11.634	105	1061583	16.287	ug/l	100
80) Nitrobenzene	13.203	77	27698	76.496	ug/l	98
81) p-Isopropyltoluene	11.785	119	882532	16.695	ug/l	100
82) 1,3-Dichlorobenzene	11.737	146	433480	16.302	ug/l	100
83) 1,4-Dichlorobenzene	11.830	146	434712	16.454	ug/l	99
84) n-Butylbenzene	12.200	91	854606	16.793	ug/l	100
85) 1,2-Dichlorobenzene	12.203	146	416661	16.264	ug/l	100
86) 1,2-Dibromo-3-Chloropr...	12.987	75	32757	17.032	ug/l	99
87) 1,2,4-Trichlorobenzene	13.833	180	269996	17.661	ug/l	99
88) Hexachlorobutadiene	14.013	225	140712	16.574	ug/l	99
89) Naphthalene	14.077	128	477504	18.598	ug/l	99
90) 1,2,3-Trichlorobenzene	14.322	180	226671	17.516	ug/l	98

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

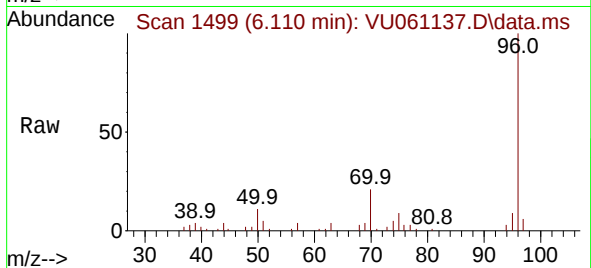
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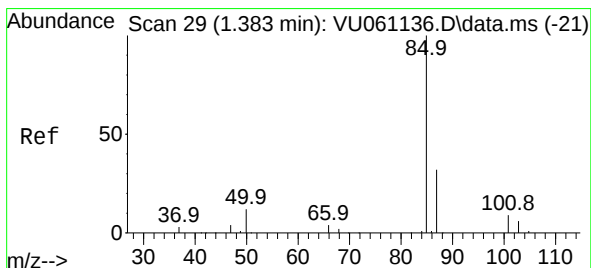
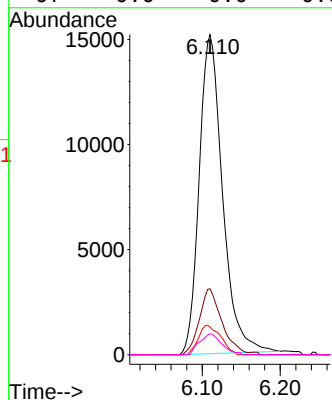
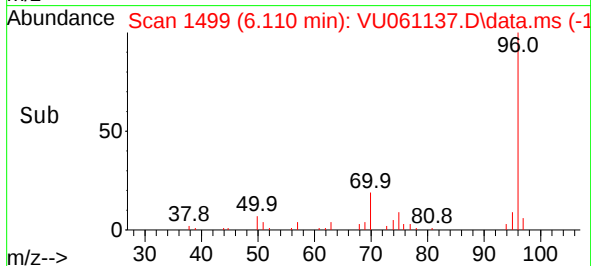


#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 1499
Delta R.T. -0.000 min
Lab File: VU061137.D
Acq: 16 Oct 2024 12:27

Instrument :
MSVOA_U
ClientSampleId :

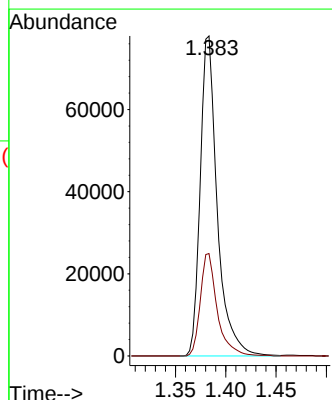
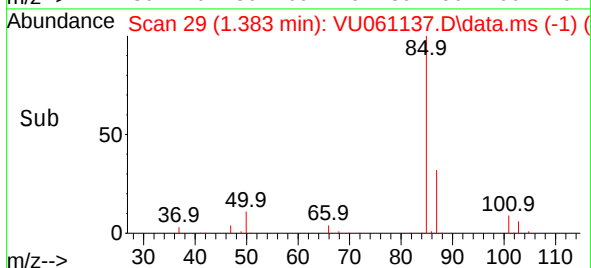
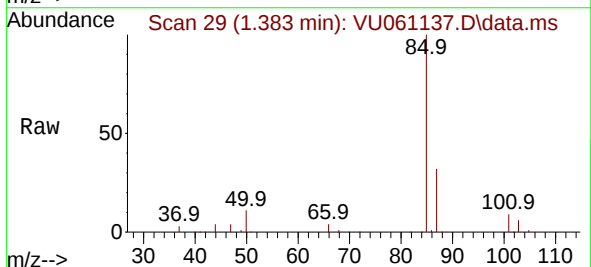


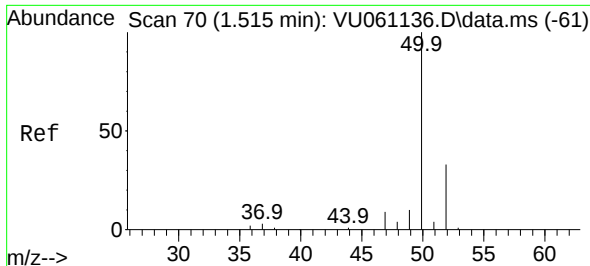
Tgt Ion: 96 Resp: 31591
Ion Ratio Lower Upper
96 100
70 19.0 16.5 24.7
95 0.0 7.3 10.9#
97 0.0 0.0 0.0



#2
Dichlorodifluoromethane
Concen: 14.928 ug/l
RT: 1.383 min Scan# 29
Delta R.T. -0.000 min
Lab File: VU061137.D
Acq: 16 Oct 2024 12:27

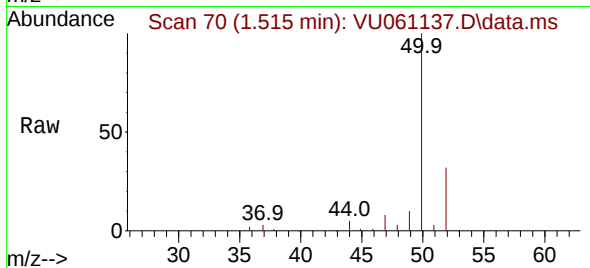
Tgt Ion: 85 Resp: 91839
Ion Ratio Lower Upper
85 100
87 32.0 16.0 47.9



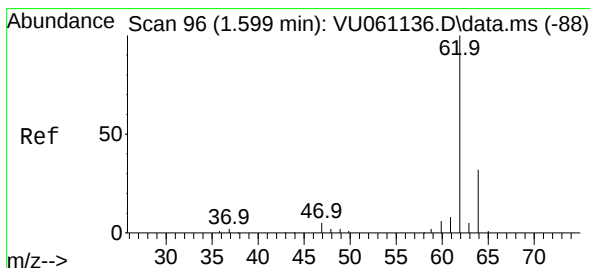
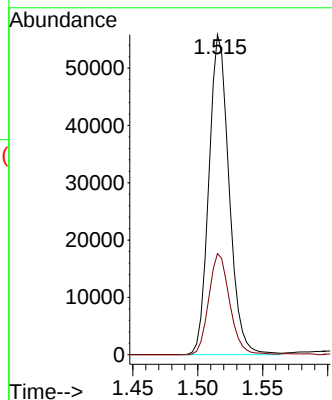
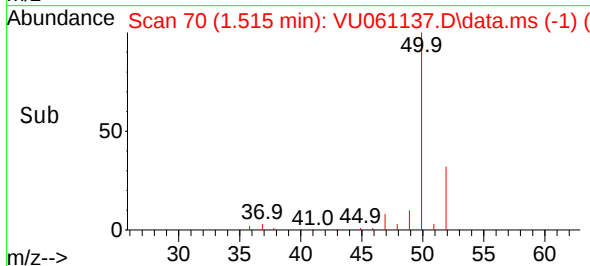


#3
Chloromethane
Concen: 14.307 ug/l
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU061137.D
Acq: 16 Oct 2024 12:27

Instrument :
MSVOA_U
ClientSampleId :

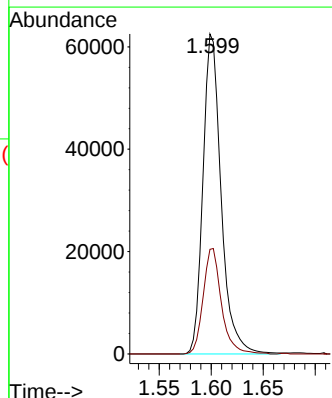
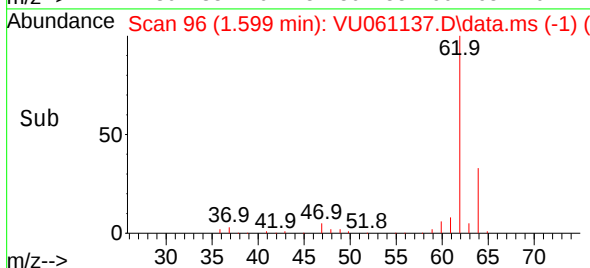
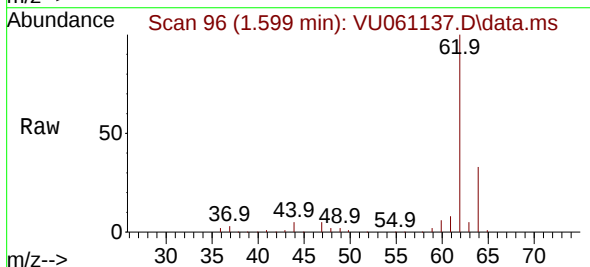


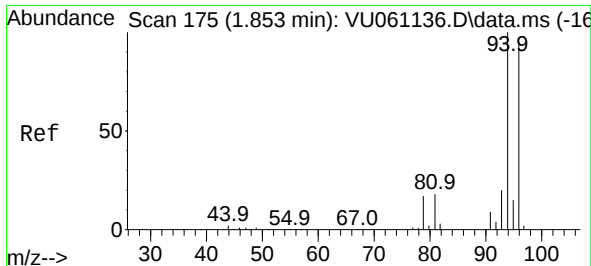
Tgt Ion: 50 Resp: 60367
Ion Ratio Lower Upper
50 100
52 31.6 26.8 40.2



#4
Vinyl Chloride
Concen: 15.274 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU061137.D
Acq: 16 Oct 2024 12:27

Tgt Ion: 62 Resp: 75746
Ion Ratio Lower Upper
62 100
64 32.7 25.9 38.9

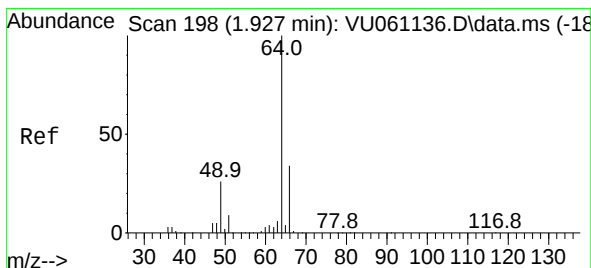
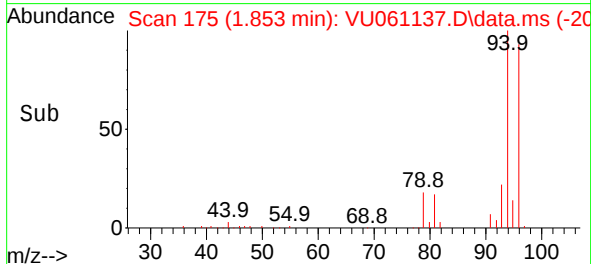
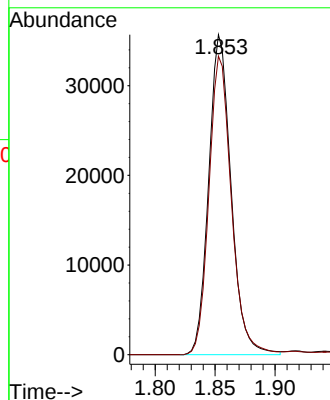
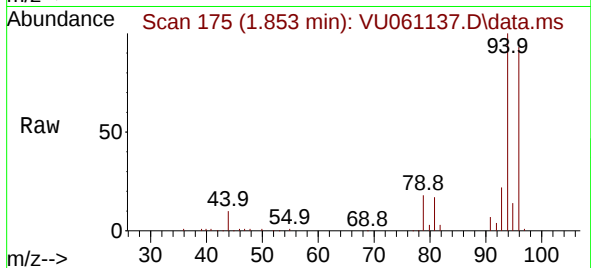




#5
Bromomethane
Concen: 13.947 ug/l
RT: 1.853 min Scan# 175
Delta R.T. -0.000 min
Lab File: VU061137.D
Acq: 16 Oct 2024 12:27

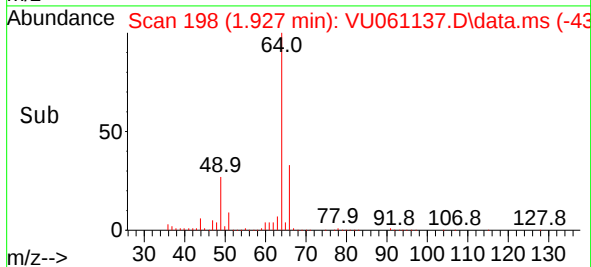
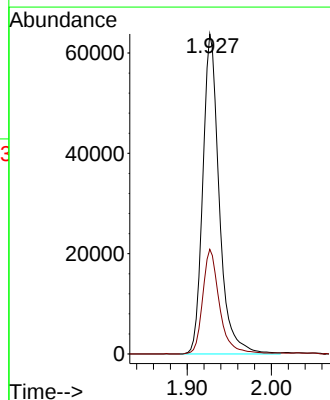
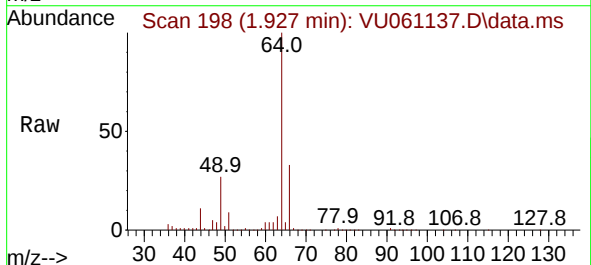
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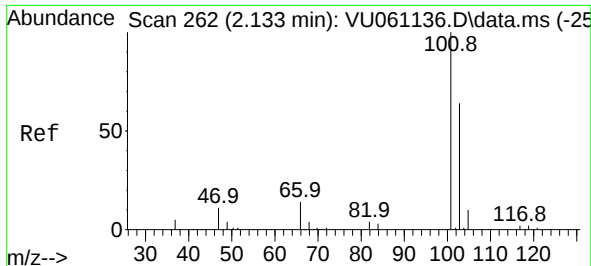
Tgt Ion: 94 Resp: 46401
Ion Ratio Lower Upper
94 100
96 93.3 75.4 113.2



#6
Chloroethane
Concen: 16.806 ug/l
RT: 1.927 min Scan# 198
Delta R.T. -0.000 min
Lab File: VU061137.D
Acq: 16 Oct 2024 12:27

Tgt Ion: 64 Resp: 86866
Ion Ratio Lower Upper
64 100
66 32.7 27.3 40.9

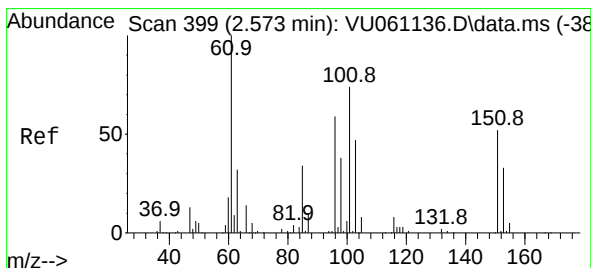
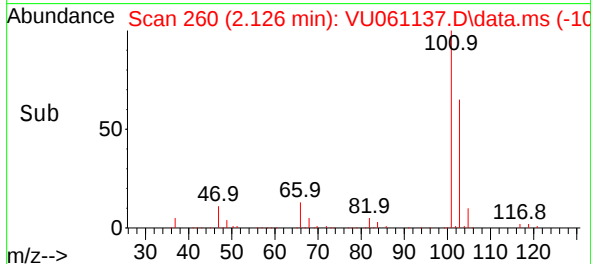
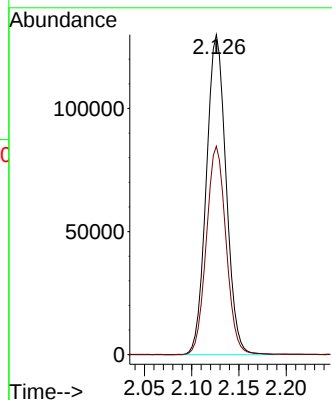
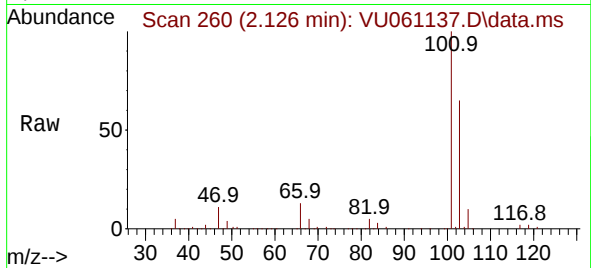




#7
Trichlorofluoromethane
Concen: 15.831 ug/l
RT: 2.126 min Scan# 213
Delta R.T. -0.006 min
Lab File: VU061137.D
Acq: 16 Oct 2024 12:27

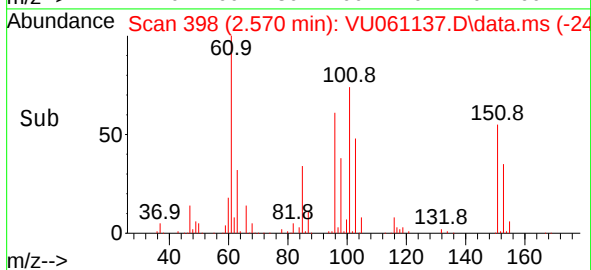
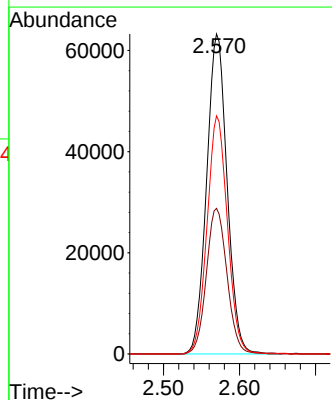
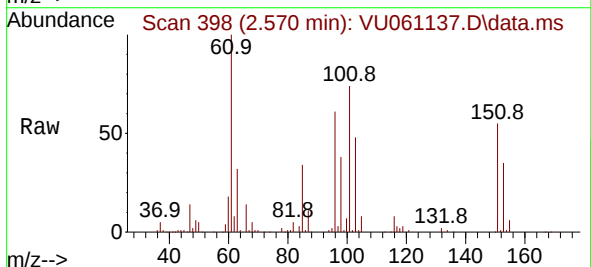
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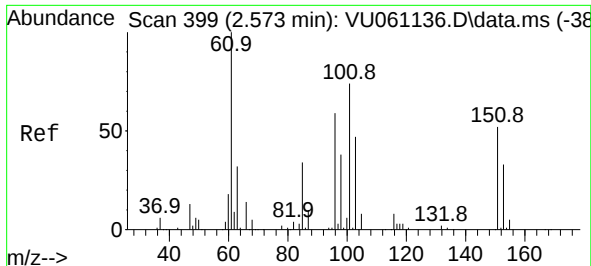
Tgt Ion:101 Resp: 188952
Ion Ratio Lower Upper
101 100
103 65.0 51.1 76.7



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 15.376 ug/l
RT: 2.570 min Scan# 398
Delta R.T. -0.003 min
Lab File: VU061137.D
Acq: 16 Oct 2024 12:27

Tgt Ion:101 Resp: 118240
Ion Ratio Lower Upper
101 100
85 45.9 37.2 55.8
151 73.8 57.0 85.6

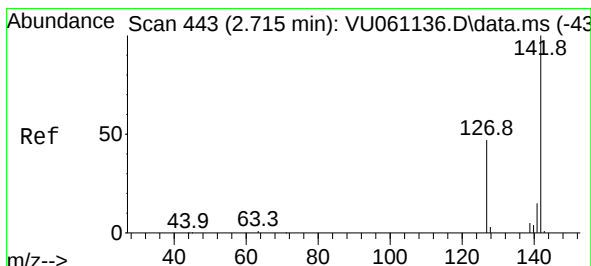
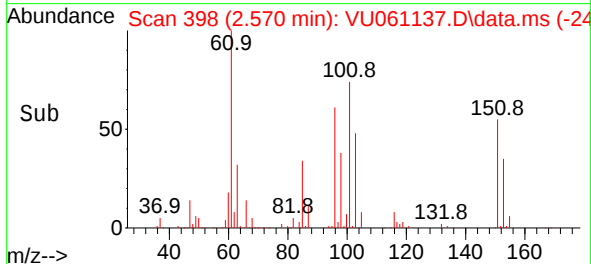
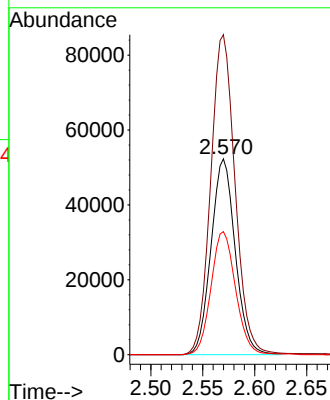
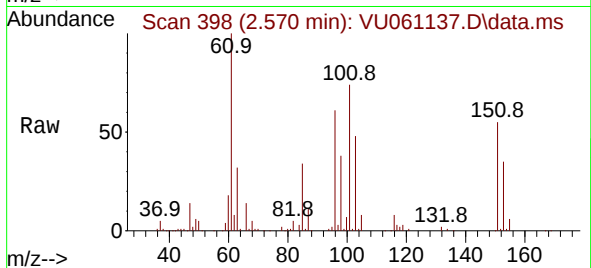




#9
1,1-Dichloroethene
Concen: 15.527 ug/l
RT: 2.570 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU061137.D
Acq: 16 Oct 2024 12:27

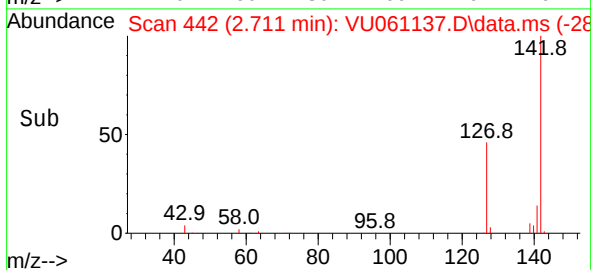
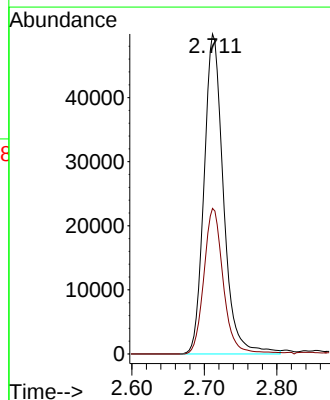
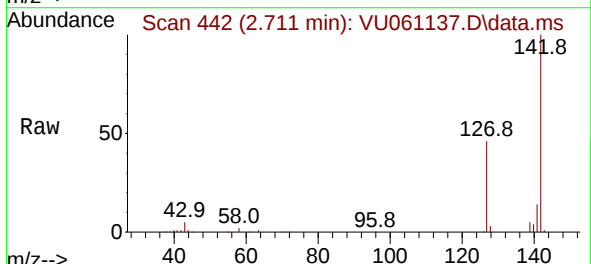
Instrument :
MSVOA_U
ClientSampleId :

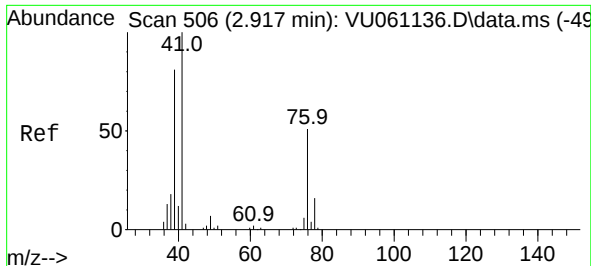
Tgt Ion: 96 Resp: 84859
Ion Ratio Lower Upper
96 100
61 163.4 0.0 505.5
98 62.8 0.0 128.6



#10
Iodomethane
Concen: 18.799 ug/l
RT: 2.711 min Scan# 442
Delta R.T. -0.003 min
Lab File: VU061137.D
Acq: 16 Oct 2024 12:27

Tgt Ion: 142 Resp: 92888
Ion Ratio Lower Upper
142 100
127 45.4 36.2 54.4





#11

Allyl Chloride

Concen: 14.923 ug/l

RT: 2.914 min Scan# 506

Delta R.T. -0.003 min

Lab File: VU061137.D

Acq: 16 Oct 2024 12:27

Instrument :

MSVOA_U

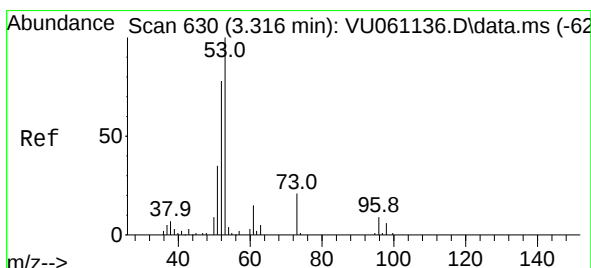
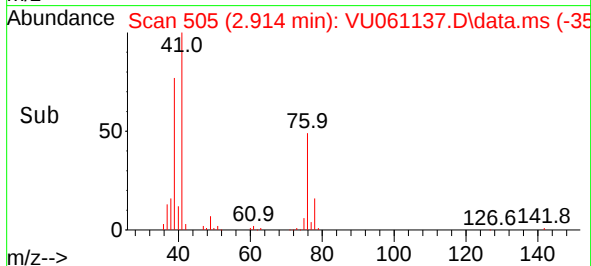
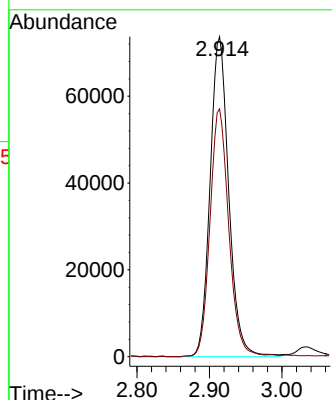
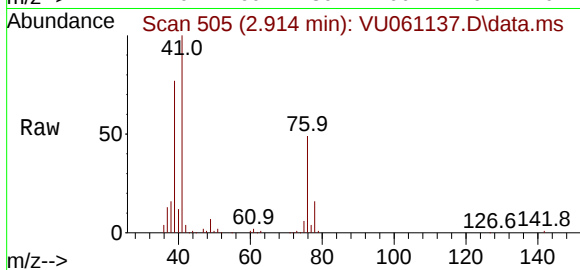
ClientSampleId :

Tgt Ion: 41 Resp: 131717

Ion Ratio Lower Upper

41 100

39 77.9 64.5 96.7



#12

Acrylonitrile

Concen: 30.495 ug/l

RT: 3.316 min Scan# 630

Delta R.T. -0.000 min

Lab File: VU061137.D

Acq: 16 Oct 2024 12:27

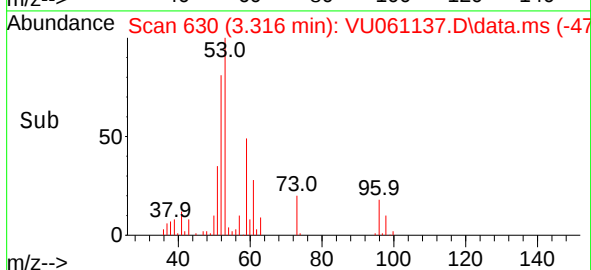
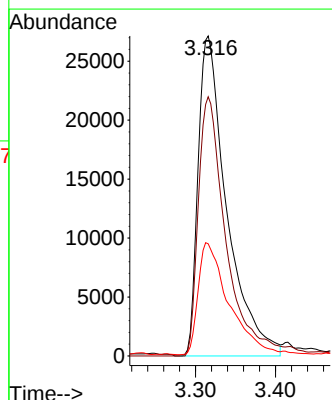
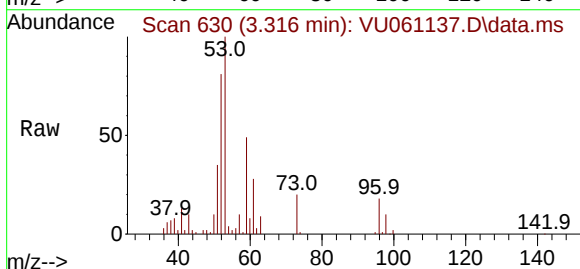
Tgt Ion: 53 Resp: 67730

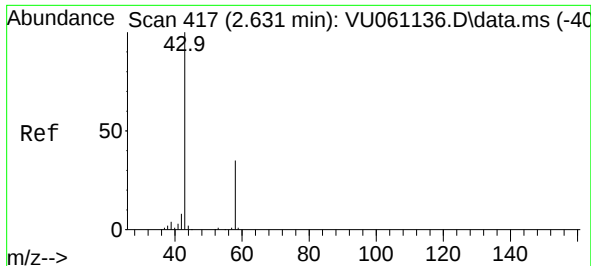
Ion Ratio Lower Upper

53 100

52 77.8 61.8 92.6

51 37.2 29.4 44.2





#13

Acetone

Concen: 77.576 ug/l

RT: 2.637 min Scan# 41

Delta R.T. 0.006 min

Lab File: VU061137.D

Acq: 16 Oct 2024 12:27

Instrument :

MSVOA_U

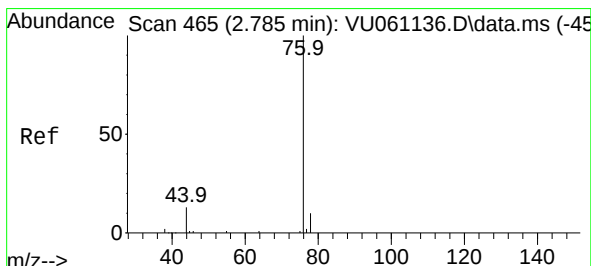
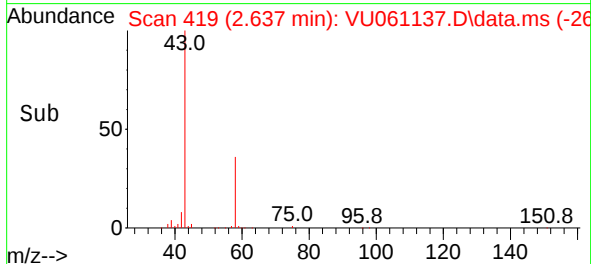
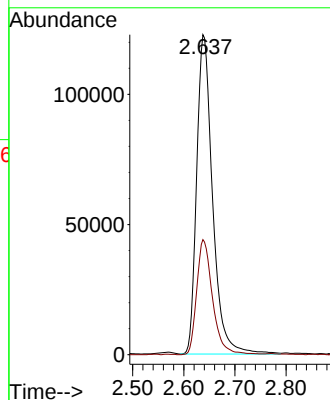
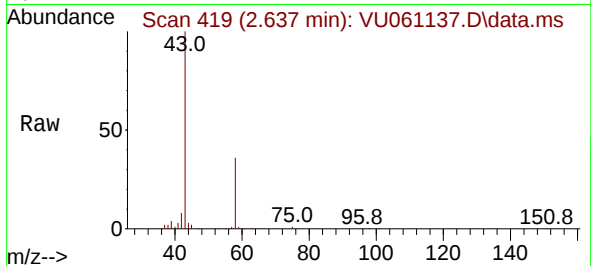
ClientSampleId :

Tgt Ion: 43 Resp: 265779

Ion Ratio Lower Upper

43 100

58 36.0 28.2 42.2



#14

Carbon Disulfide

Concen: 14.305 ug/l

RT: 2.782 min Scan# 464

Delta R.T. -0.003 min

Lab File: VU061137.D

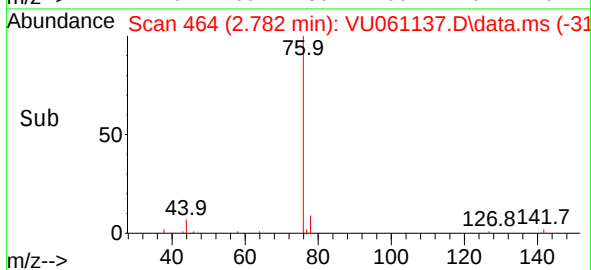
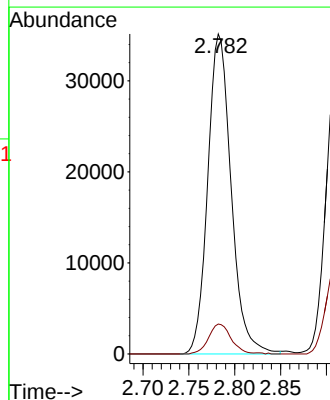
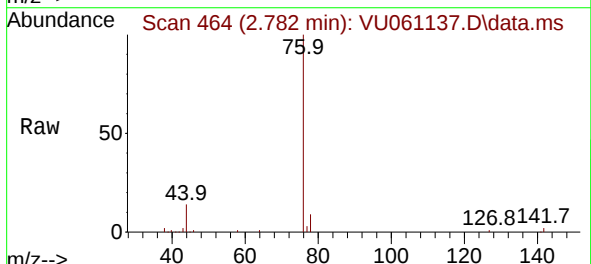
Acq: 16 Oct 2024 12:27

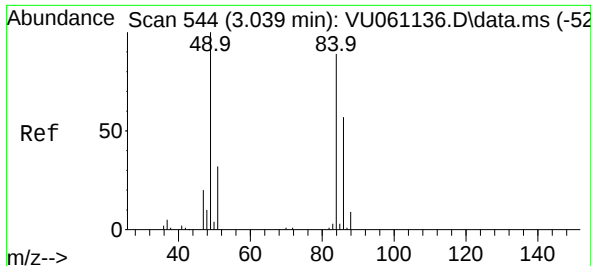
Tgt Ion: 76 Resp: 62408

Ion Ratio Lower Upper

76 100

78 9.4 7.8 11.6





#15

Methylene Chloride

Concen: 14.814 ug/l

RT: 3.036 min Scan# 544

Delta R.T. -0.003 min

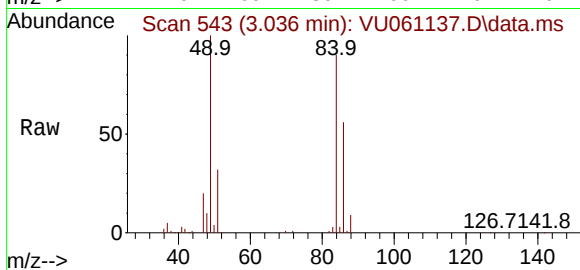
Lab File: VU061137.D

Acq: 16 Oct 2024 12:27

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 84 Resp: 139132

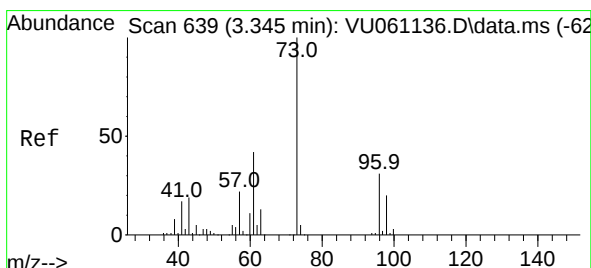
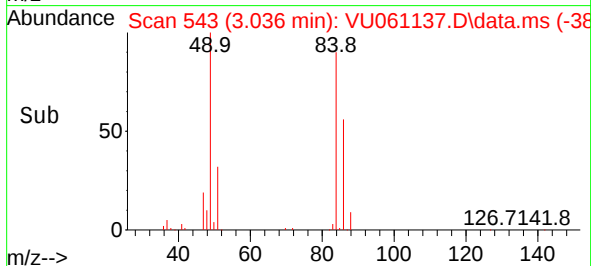
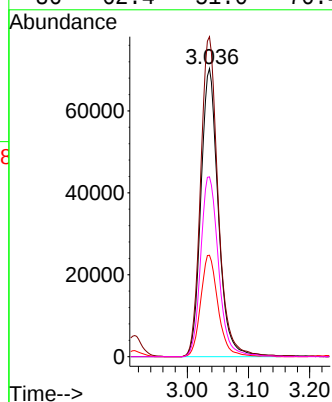
Ion Ratio Lower Upper

84 100

49 111.0 89.9 134.9

51 35.2 0.0 72.0

86 62.4 51.0 76.4



#16

trans-1,2-Dichloroethene

Concen: 15.335 ug/l

RT: 3.341 min Scan# 638

Delta R.T. -0.003 min

Lab File: VU061137.D

Acq: 16 Oct 2024 12:27

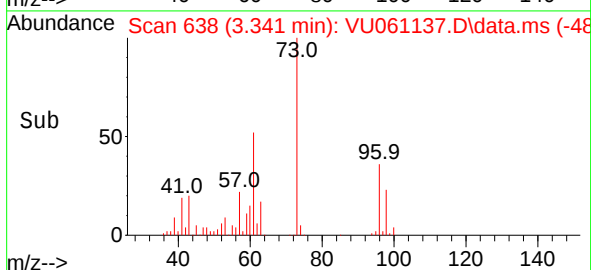
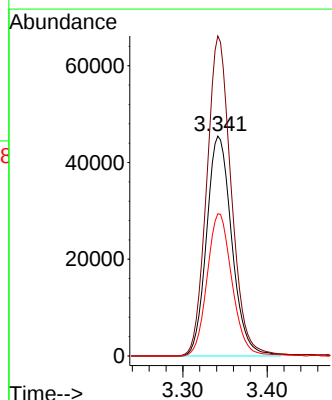
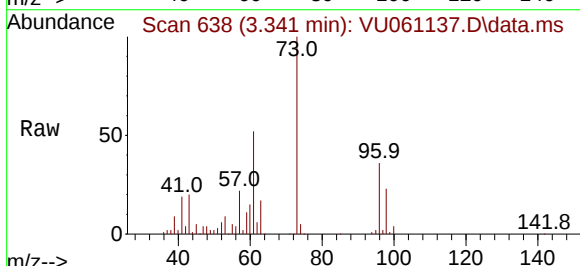
Tgt Ion: 96 Resp: 94661

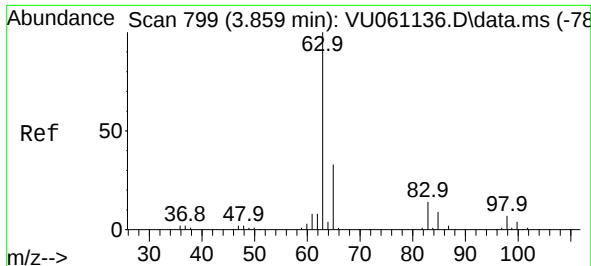
Ion Ratio Lower Upper

96 100

61 145.6 109.1 163.7

98 64.7 51.8 77.6

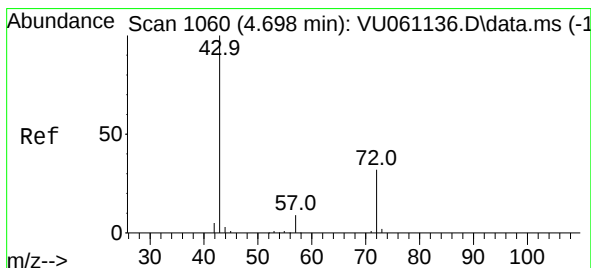
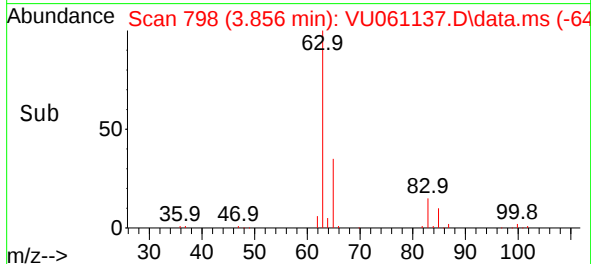
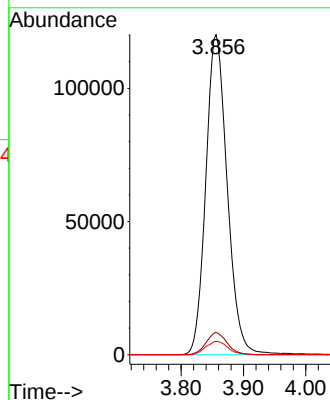
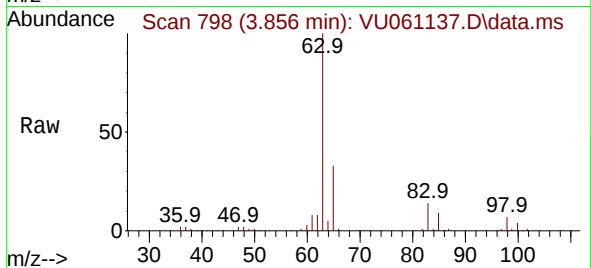




#17
1,1-Dichloroethane
Concen: 15.462 ug/l
RT: 3.856 min Scan# 799
Delta R.T. -0.003 min
Lab File: VU061137.D
Acq: 16 Oct 2024 12:27

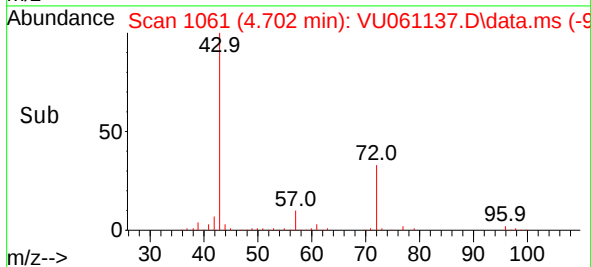
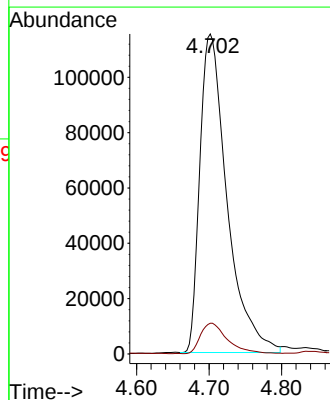
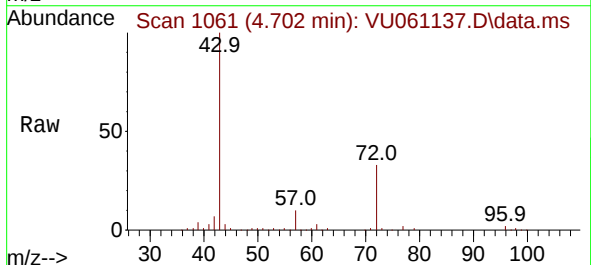
Instrument :
MSVOA_U
ClientSampleId :

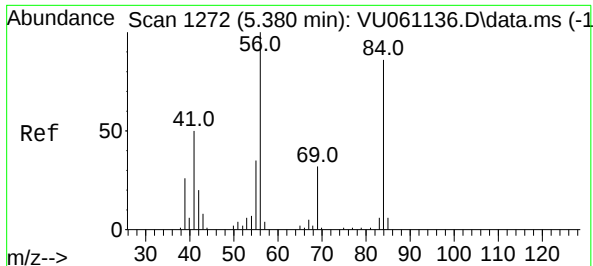
Tgt Ion: 63 Resp: 286164
Ion Ratio Lower Upper
63 100
98 7.0 3.3 9.9
100 4.2 2.1 6.5



#18
2-Butanone
Concen: 77.078 ug/l
RT: 4.702 min Scan# 1061
Delta R.T. 0.003 min
Lab File: VU061137.D
Acq: 16 Oct 2024 12:27

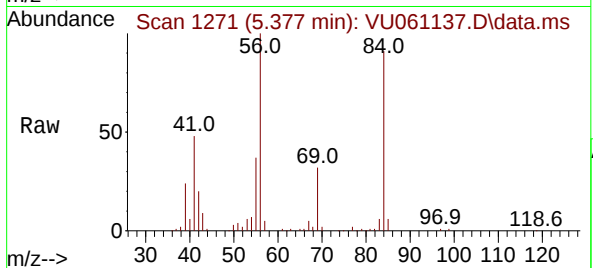
Tgt Ion: 43 Resp: 300666
Ion Ratio Lower Upper
43 100
57 9.5 0.0 19.0



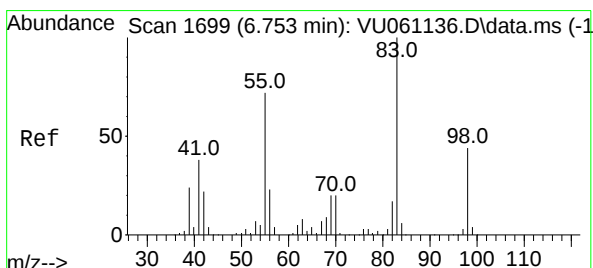
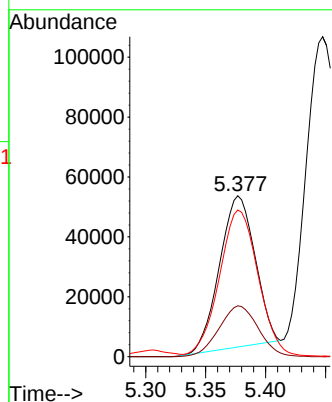
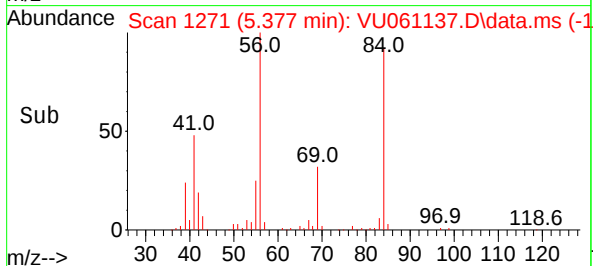


#19
Cyclohexane
Concen: 13.402 ug/l
RT: 5.377 min Scan# 1271
Delta R.T. -0.003 min
Lab File: VU061137.D
Acq: 16 Oct 2024 12:27

Instrument :
MSVOA_U
ClientSampleId :

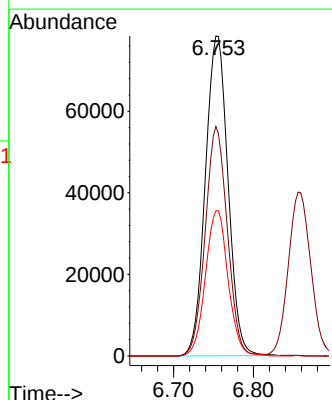
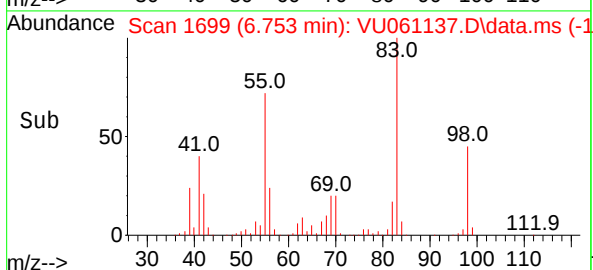
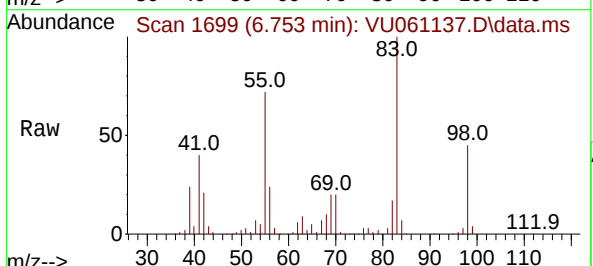


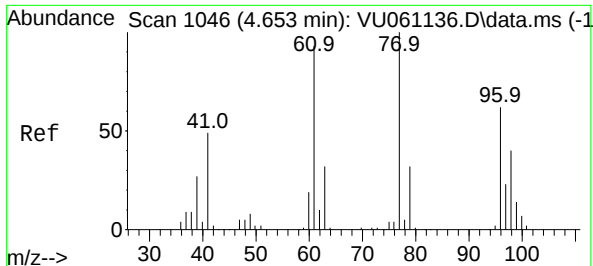
Tgt Ion: 56 Resp: 104227
Ion Ratio Lower Upper
56 100
69 37.2 25.8 38.8
84 103.3 70.4 105.6



#20
Methylcyclohexane
Concen: 15.621 ug/l
RT: 6.753 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VU061137.D
Acq: 16 Oct 2024 12:27

Tgt Ion: 83 Resp: 154573
Ion Ratio Lower Upper
83 100
55 69.6 56.7 85.1
98 45.5 36.9 55.3

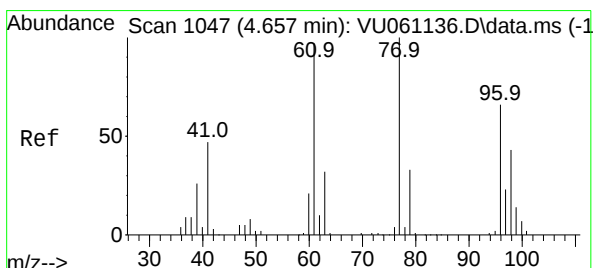
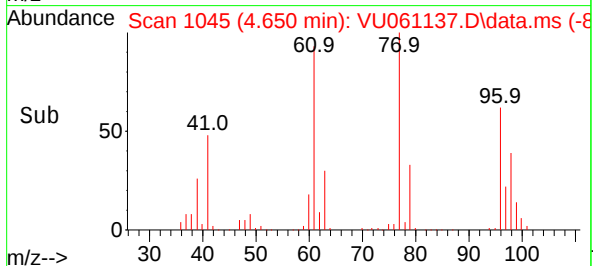
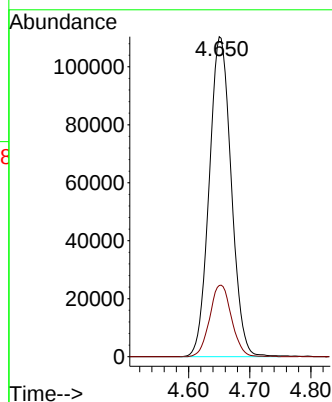
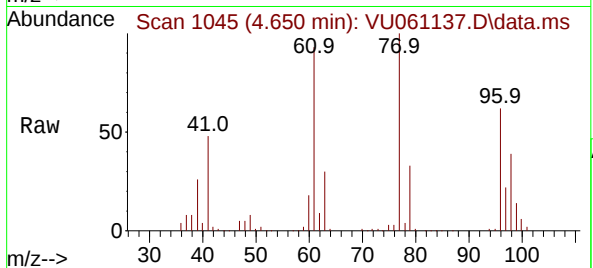




#21
2,2-Dichloropropane
Concen: 15.381 ug/l
RT: 4.650 min Scan# 1045
Delta R.T. -0.003 min
Lab File: VU061137.D
Acq: 16 Oct 2024 12:27

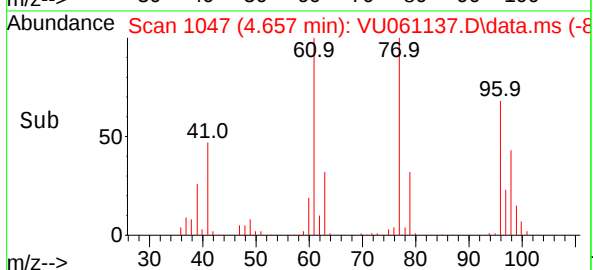
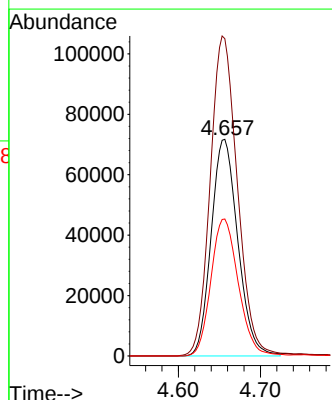
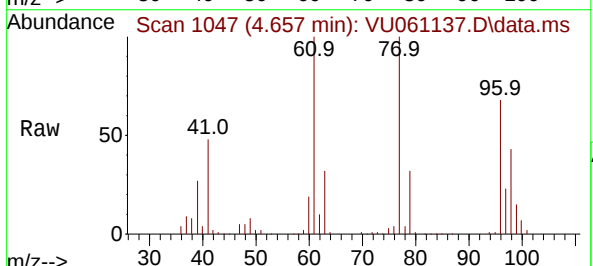
Instrument :
MSVOA_U
ClientSampleId :

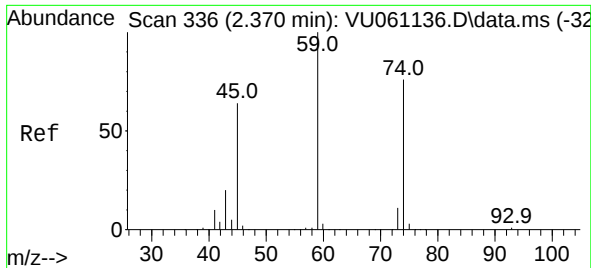
Tgt Ion: 77 Resp: 275926
Ion Ratio Lower Upper
77 100
97 22.2 17.8 26.6



#22
cis-1,2-Dichloroethene
Concen: 15.505 ug/l
RT: 4.657 min Scan# 1047
Delta R.T. -0.000 min
Lab File: VU061137.D
Acq: 16 Oct 2024 12:27

Tgt Ion: 96 Resp: 161984
Ion Ratio Lower Upper
96 100
61 150.7 0.0 377.8
98 65.0 32.5 97.5

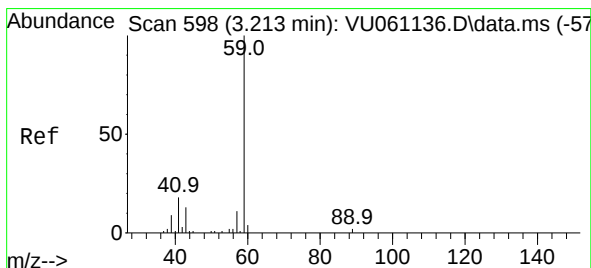
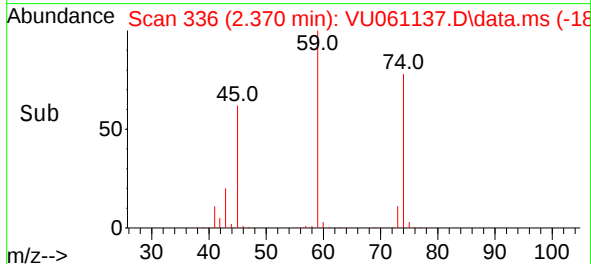
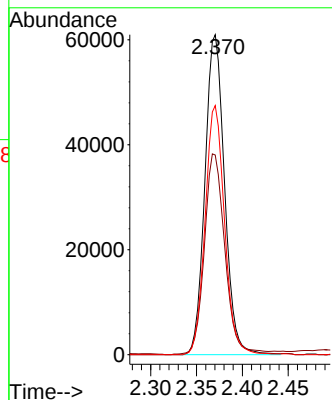
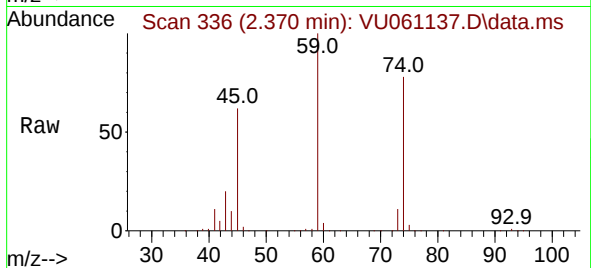




#23
Diethyl Ether
Concen: 15.142 ug/l
RT: 2.370 min Scan# 336
Delta R.T. -0.000 min
Lab File: VU061137.D
Acq: 16 Oct 2024 12:27

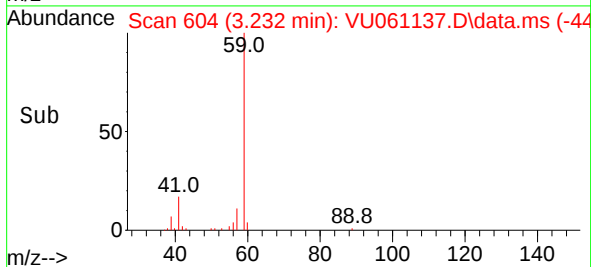
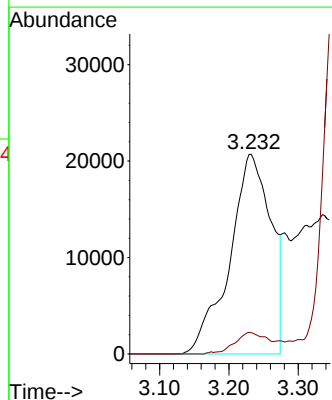
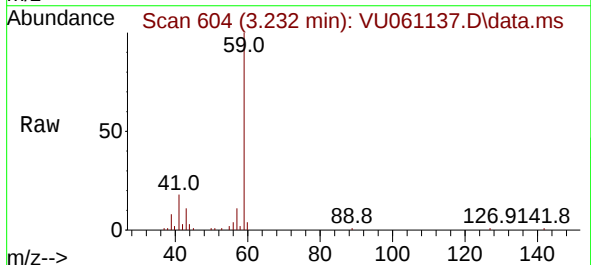
Instrument :
MSVOA_U
ClientSampleId :

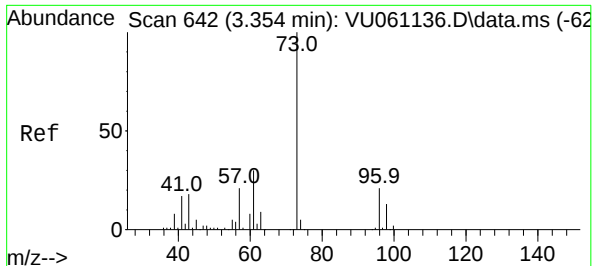
Tgt Ion: 59 Resp: 90593
Ion Ratio Lower Upper
59 100
45 66.0 58.9 88.3
74 77.4 61.4 92.2



#24
tert-Butyl Alcohol
Concen: 85.798 ug/l
RT: 3.232 min Scan# 604
Delta R.T. 0.019 min
Lab File: VU061137.D
Acq: 16 Oct 2024 12:27

Tgt Ion: 59 Resp: 86204
Ion Ratio Lower Upper
59 100
57 7.0 8.0 12.0#





#25

Methyl tert-Butyl Ether

Concen: 15.487 ug/l

RT: 3.354 min Scan# 642

Delta R.T. -0.000 min

Lab File: VU061137.D

Acq: 16 Oct 2024 12:27

Instrument :

MSVOA_U

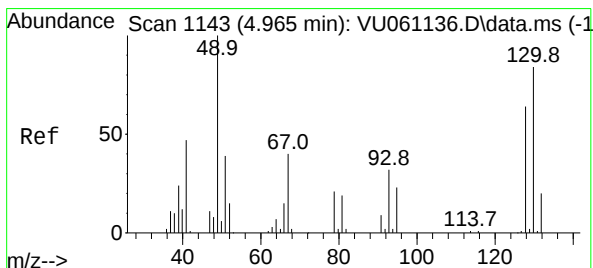
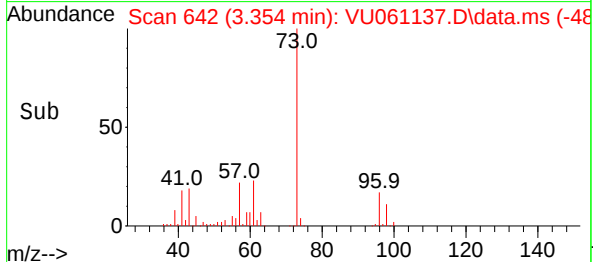
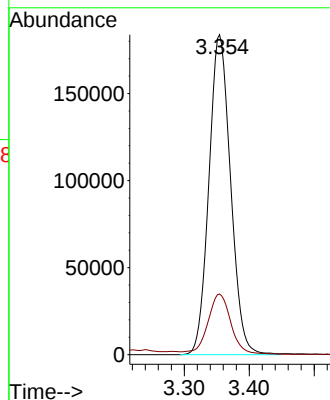
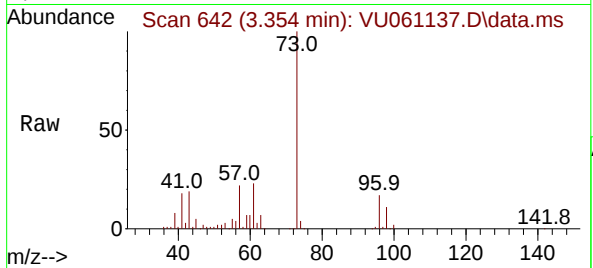
ClientSampleId :

Tgt Ion: 73 Resp: 425893

Ion Ratio Lower Upper

73 100

43 20.0 14.8 22.2



#26

Bromochloromethane

Concen: 15.533 ug/l

RT: 4.962 min Scan# 1142

Delta R.T. -0.003 min

Lab File: VU061137.D

Acq: 16 Oct 2024 12:27

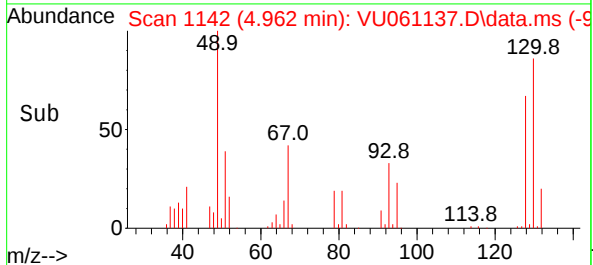
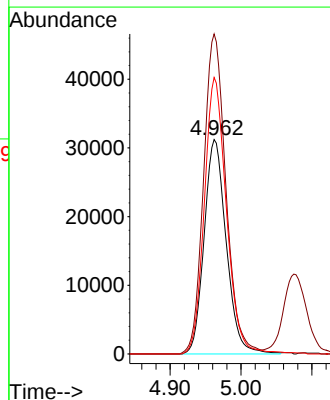
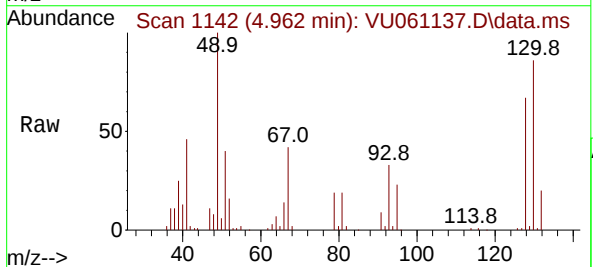
Tgt Ion: 128 Resp: 67622

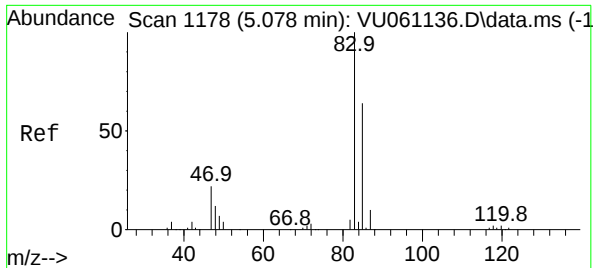
Ion Ratio Lower Upper

128 100

49 150.6 0.0 307.0

130 129.6 104.7 157.1

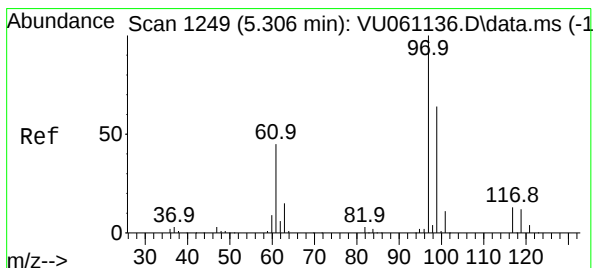
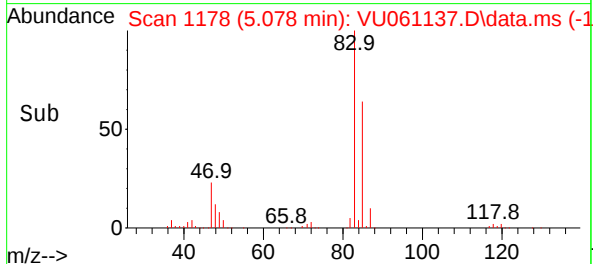
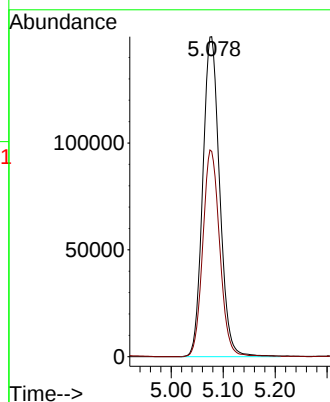
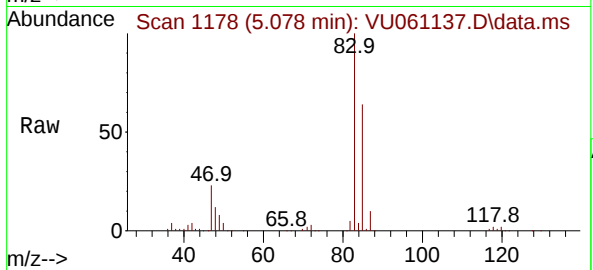




#27
Chloroform
Concen: 15.167 ug/l
RT: 5.078 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VU061137.D
Acq: 16 Oct 2024 12:27

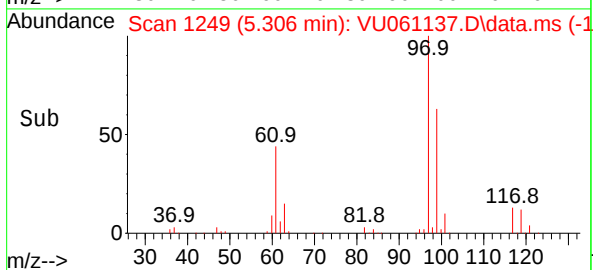
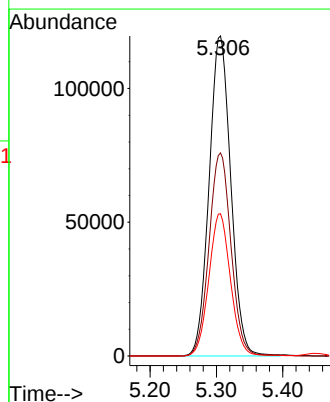
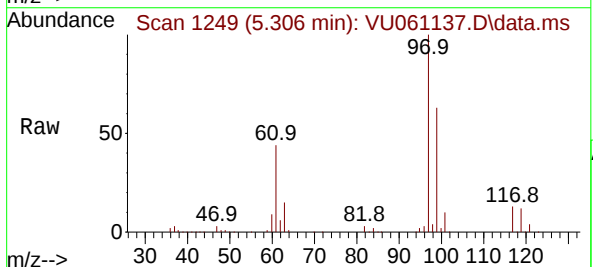
Instrument :
MSVOA_U
ClientSampleId :

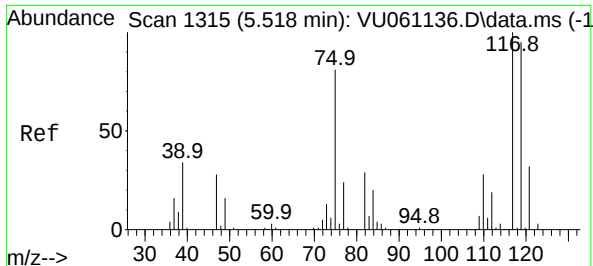
Tgt Ion: 83 Resp: 337507
Ion Ratio Lower Upper
83 100
85 64.2 0.0 128.2



#28
1,1,1-Trichloroethane
Concen: 15.438 ug/l
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU061137.D
Acq: 16 Oct 2024 12:27

Tgt Ion: 97 Resp: 271849
Ion Ratio Lower Upper
97 100
99 64.5 32.6 97.7
61 44.4 22.3 66.8

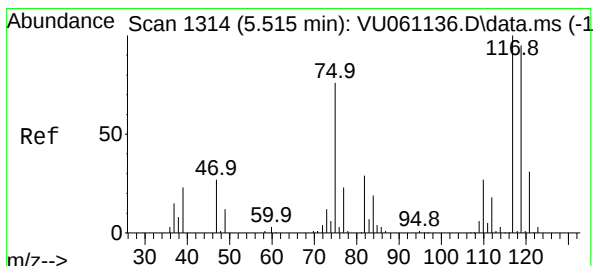
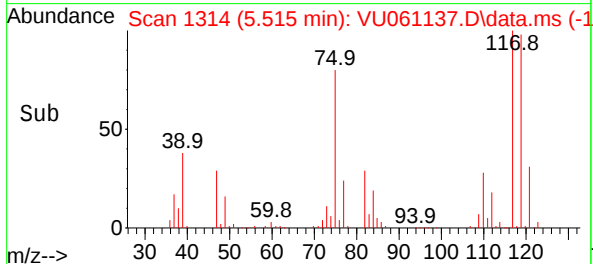
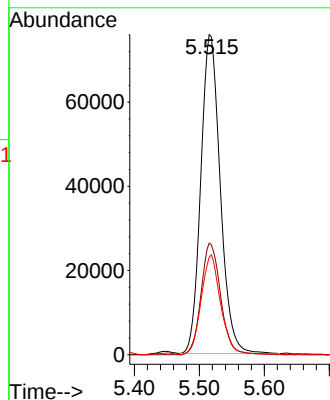
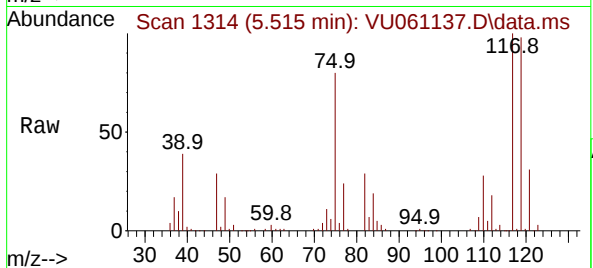




#29
1,1-Dichloropropene
Concen: 15.477 ug/l
RT: 5.515 min Scan# 1315
Delta R.T. -0.003 min
Lab File: VU061137.D
Acq: 16 Oct 2024 12:27

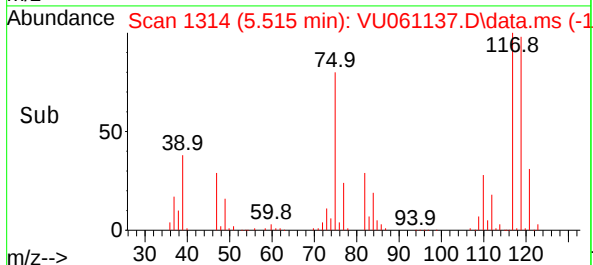
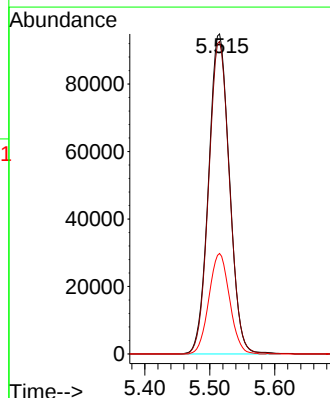
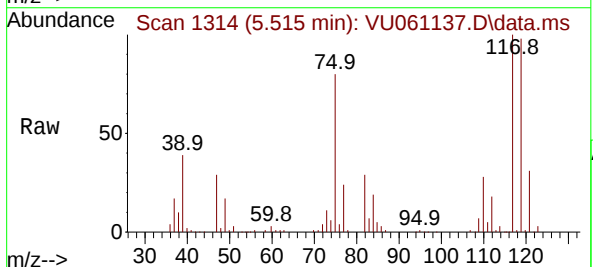
Instrument :
MSVOA_U
ClientSampleId :

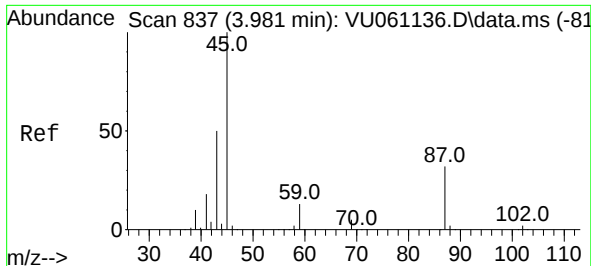
Tgt Ion: 75 Resp: 157928
Ion Ratio Lower Upper
75 100
110 35.3 18.1 54.3
77 31.4 24.0 36.0



#30
Carbon Tetrachloride
Concen: 15.596 ug/l
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU061137.D
Acq: 16 Oct 2024 12:27

Tgt Ion: 117 Resp: 211654
Ion Ratio Lower Upper
117 100
119 97.7 76.2 114.4
121 31.4 24.8 37.2

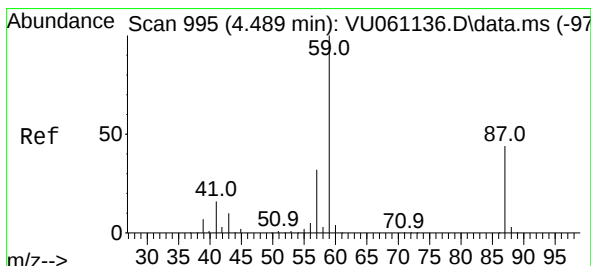
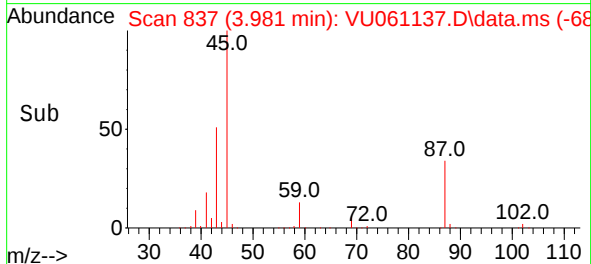
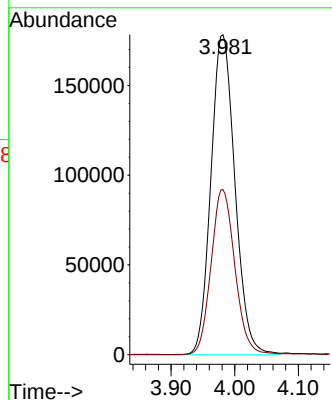
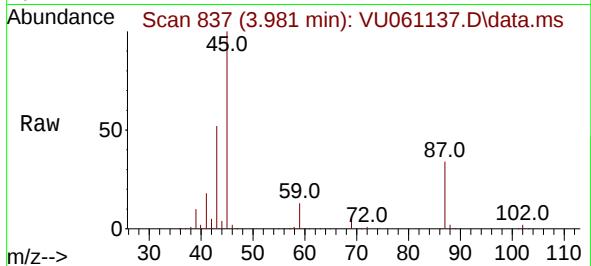




#31
Isopropyl Ether
Concen: 15.485 ug/l
RT: 3.981 min Scan# 837
Delta R.T. -0.000 min
Lab File: VU061137.D
Acq: 16 Oct 2024 12:27

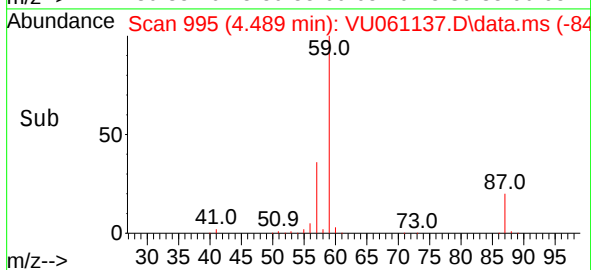
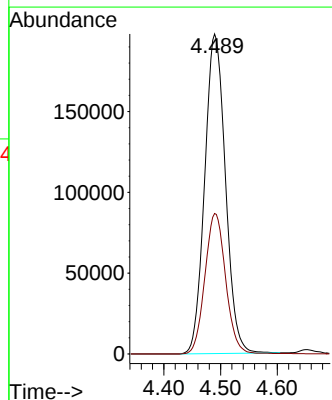
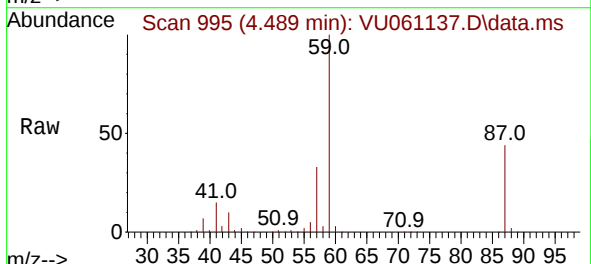
Instrument :
MSVOA_U
ClientSampleId :

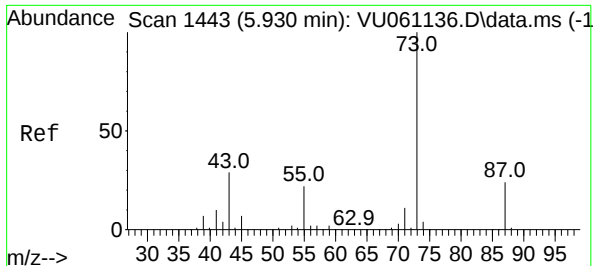
Tgt Ion: 45 Resp: 468141
Ion Ratio Lower Upper
45 100
43 50.8 25.1 75.2



#32
Ethyl-t-butyl ether
Concen: 15.721 ug/l
RT: 4.489 min Scan# 995
Delta R.T. -0.000 min
Lab File: VU061137.D
Acq: 16 Oct 2024 12:27

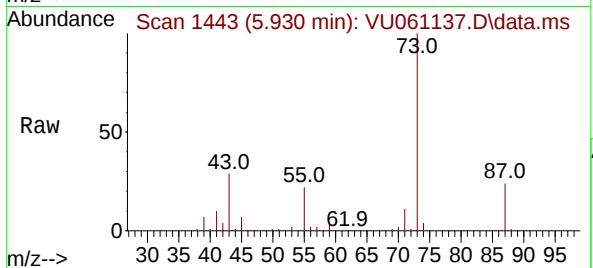
Tgt Ion: 59 Resp: 502920
Ion Ratio Lower Upper
59 100
87 43.8 34.6 52.0



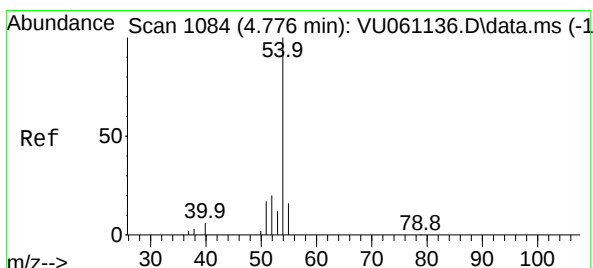
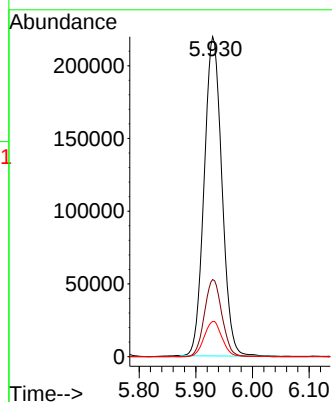
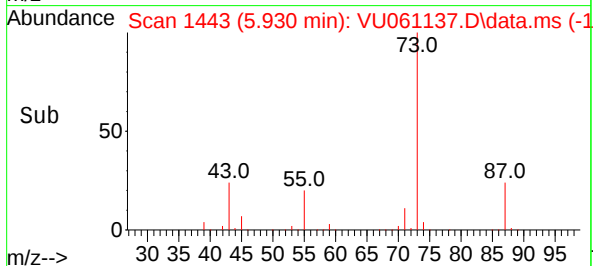


#33
Tert-Amyl methyl ether
Concen: 16.036 ug/l
RT: 5.930 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VU061137.D
Acq: 16 Oct 2024 12:27

Instrument :
MSVOA_U
ClientSampleId :

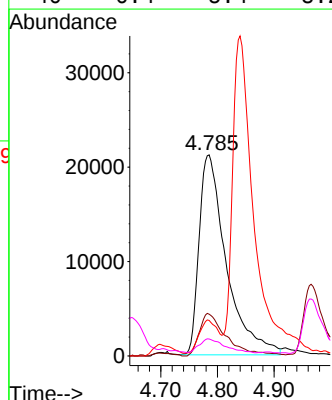
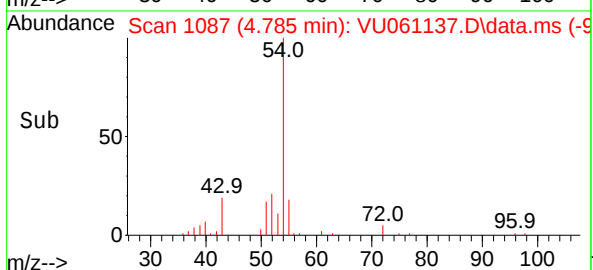
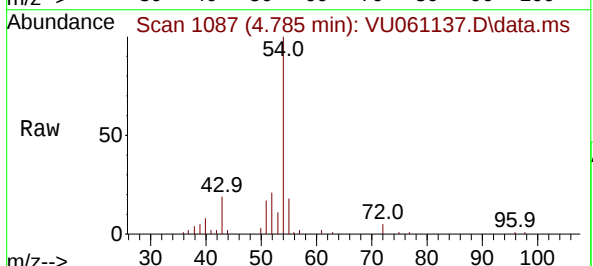


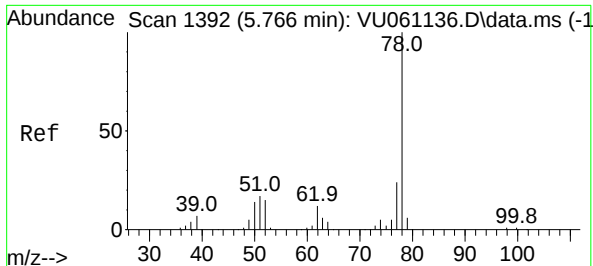
Tgt Ion: 73 Resp: 476712
Ion Ratio Lower Upper
73 100
87 24.1 19.6 29.4
71 11.1 8.9 13.3



#34
Propionitrile
Concen: 78.042 ug/l
RT: 4.785 min Scan# 1087
Delta R.T. 0.010 min
Lab File: VU061137.D
Acq: 16 Oct 2024 12:27

Tgt Ion: 54 Resp: 70840
Ion Ratio Lower Upper
54 100
52 21.4 15.0 22.4
55 11.9 10.5 15.7
40 6.4 5.4 8.2





#35

Benzene

Concen: 15.354 ug/l

RT: 5.763 min Scan# 1391

Delta R.T. -0.003 min

Lab File: VU061137.D

Acq: 16 Oct 2024 12:27

Instrument :

MSVOA_U

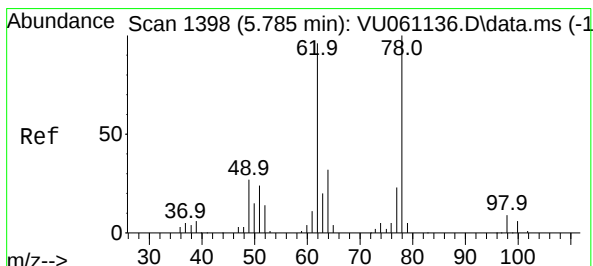
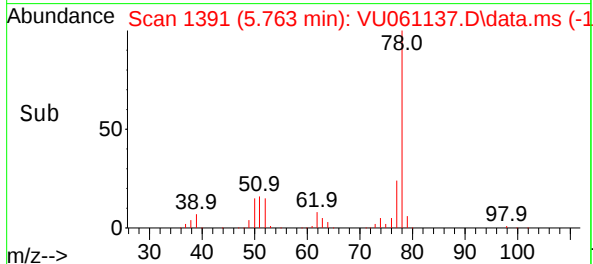
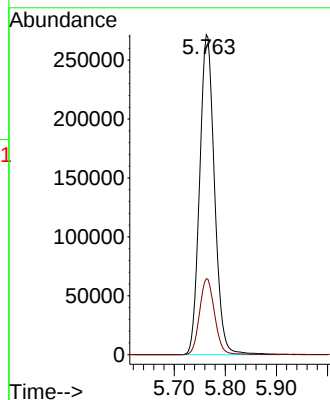
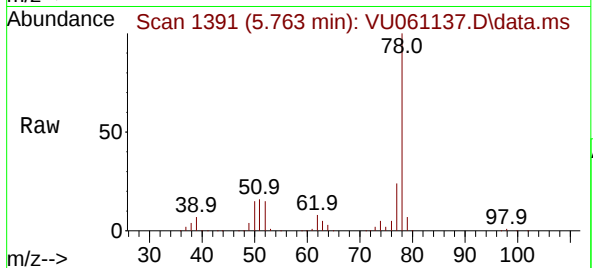
ClientSampleId :

Tgt Ion: 78 Resp: 550155

Ion Ratio Lower Upper

78 100

77 23.8 19.1 28.7



#36

1,2-Dichloroethane

Concen: 15.568 ug/l

RT: 5.782 min Scan# 1397

Delta R.T. -0.003 min

Lab File: VU061137.D

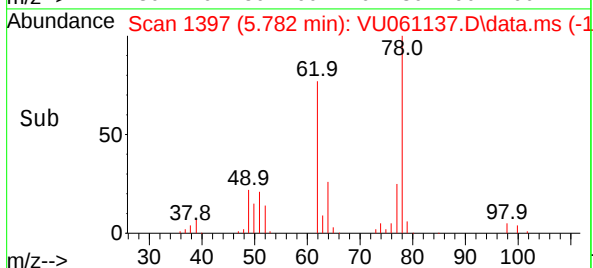
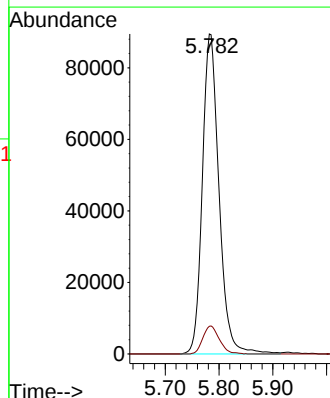
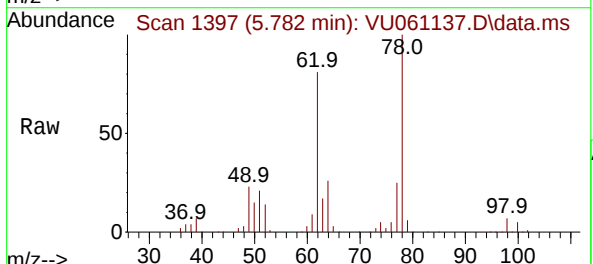
Acq: 16 Oct 2024 12:27

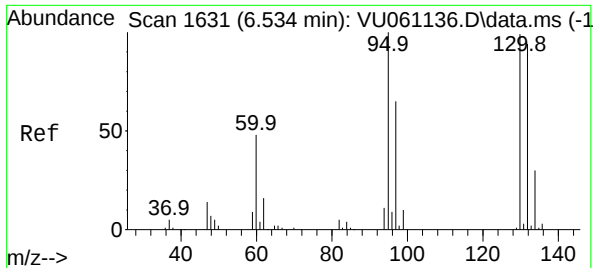
Tgt Ion: 62 Resp: 192302

Ion Ratio Lower Upper

62 100

98 8.7 6.9 10.3

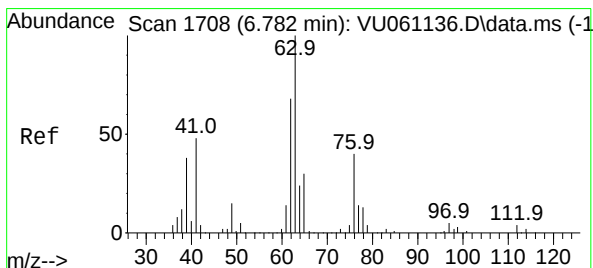
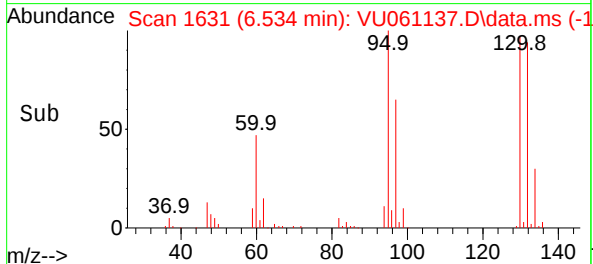
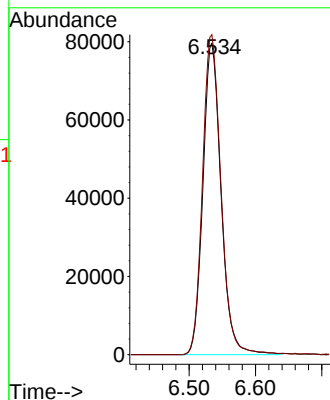
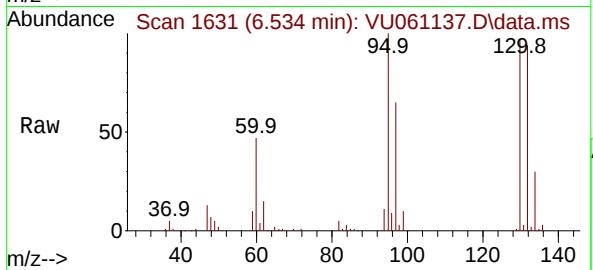




#37
Trichloroethene
Concen: 15.263 ug/l
RT: 6.534 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VU061137.D
Acq: 16 Oct 2024 12:27

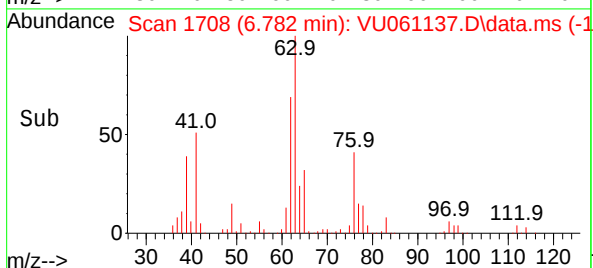
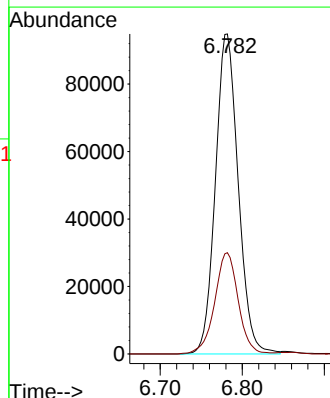
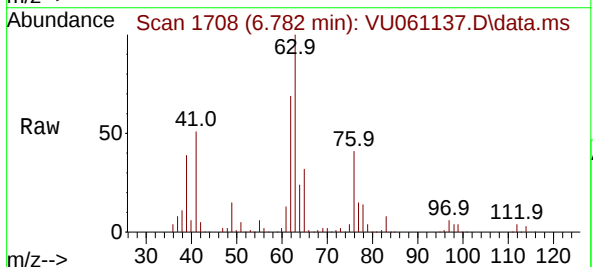
Instrument :
MSVOA_U
ClientSampleId :

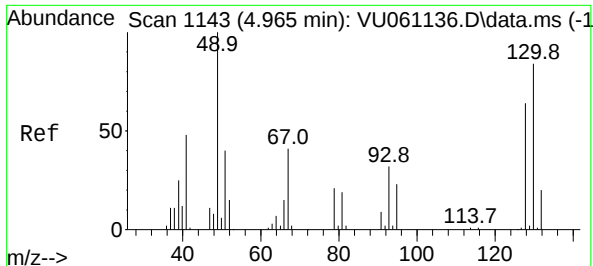
Tgt Ion:130 Resp: 151524
Ion Ratio Lower Upper
130 100
95 102.8 80.7 121.1



#38
1,2-Dichloropropane
Concen: 15.378 ug/l
RT: 6.782 min Scan# 1708
Delta R.T. -0.000 min
Lab File: VU061137.D
Acq: 16 Oct 2024 12:27

Tgt Ion: 63 Resp: 183057
Ion Ratio Lower Upper
63 100
65 31.5 24.3 36.5





#39

Methacrylonitrile

Concen: 16.484 ug/l

RT: 4.965 min Scan# 1143

Delta R.T. -0.000 min

Lab File: VU061137.D

Acq: 16 Oct 2024 12:27

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 41 Resp: 50757

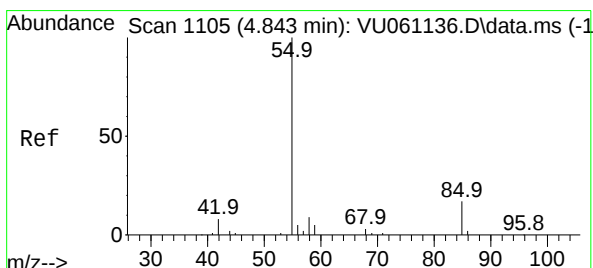
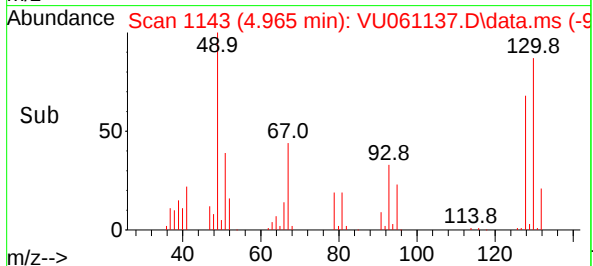
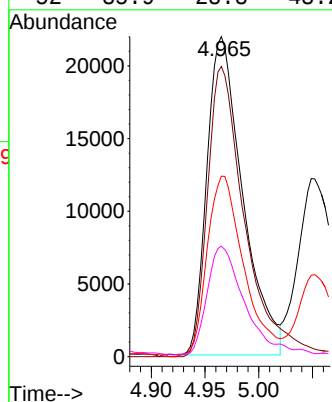
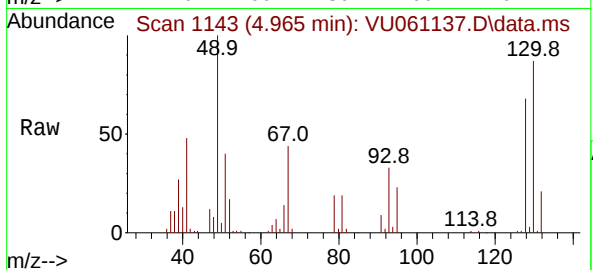
Ion Ratio Lower Upper

41 100

67 95.9 75.5 113.3

39 58.1 45.8 68.6

52 35.9 28.8 43.2



#40

Methyl acrylate

Concen: 16.946 ug/l

RT: 4.840 min Scan# 1104

Delta R.T. -0.003 min

Lab File: VU061137.D

Acq: 16 Oct 2024 12:27

Tgt Ion: 55 Resp: 87856

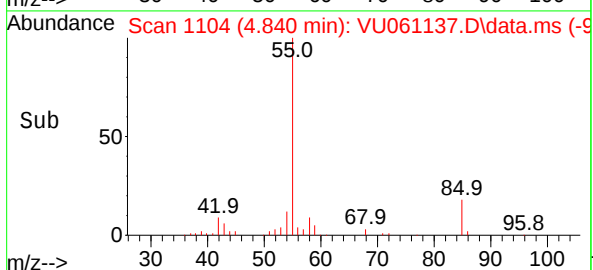
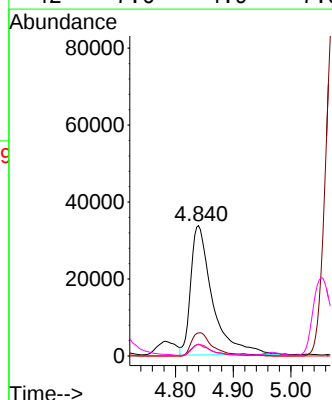
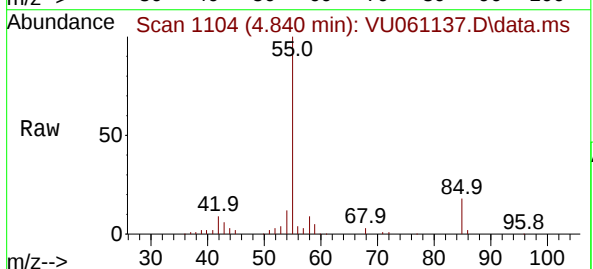
Ion Ratio Lower Upper

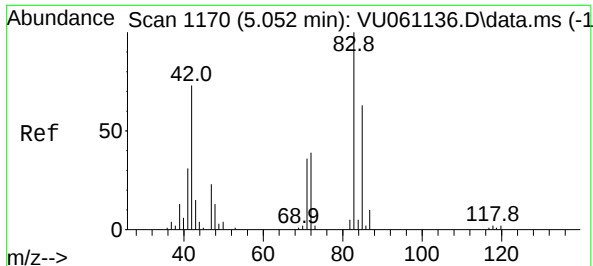
55 100

85 17.0 13.8 20.6

58 8.5 6.2 9.4

42 7.6 4.9 7.3#

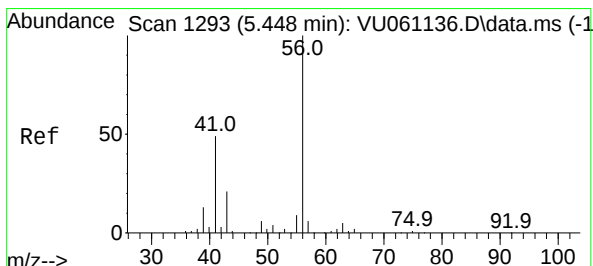
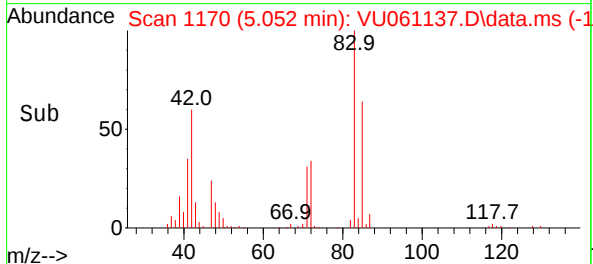
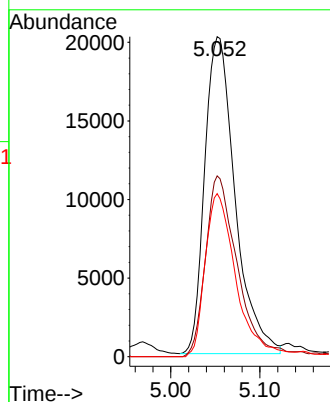
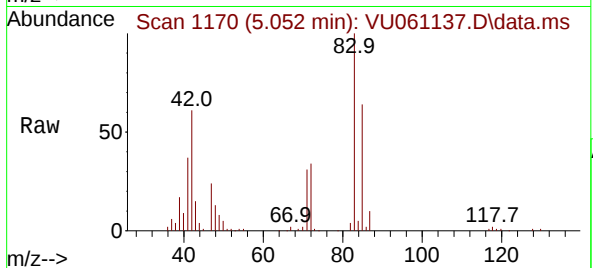




#41
Tetrahydrofuran
Concen: 28.789 ug/l
RT: 5.052 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VU061137.D
Acq: 16 Oct 2024 12:27

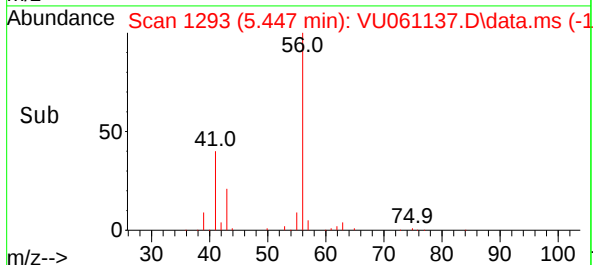
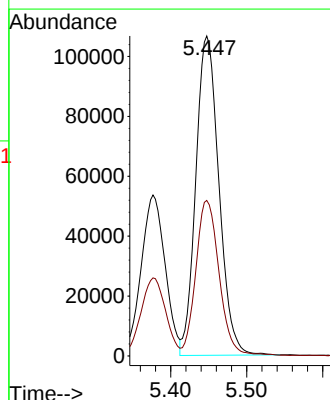
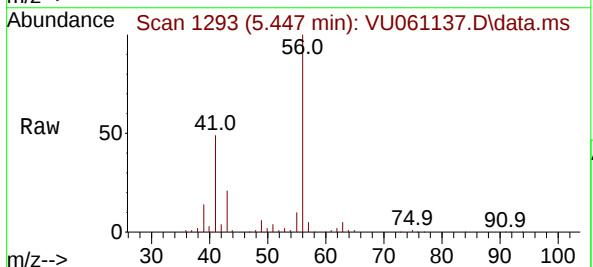
Instrument :
MSVOA_U
ClientSampleId :

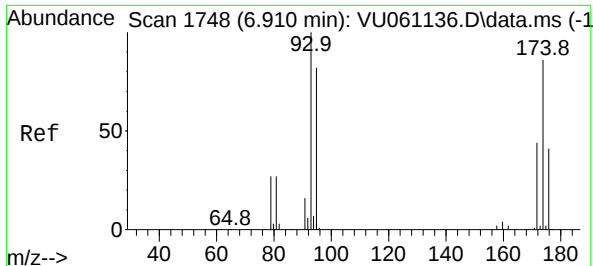
Tgt Ion: 42 Resp: 47754
Ion Ratio Lower Upper
42 100
72 59.6 46.4 69.6
71 52.0 41.4 62.0



#42
1-Chlorobutane
Concen: 15.602 ug/l
RT: 5.447 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VU061137.D
Acq: 16 Oct 2024 12:27

Tgt Ion: 56 Resp: 224827
Ion Ratio Lower Upper
56 100
41 49.1 24.6 73.6





#43

Dibromomethane

Concen: 15.342 ug/l

RT: 6.910 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU061137.D

Acq: 16 Oct 2024 12:27

Instrument :

MSVOA_U

ClientSampleId :

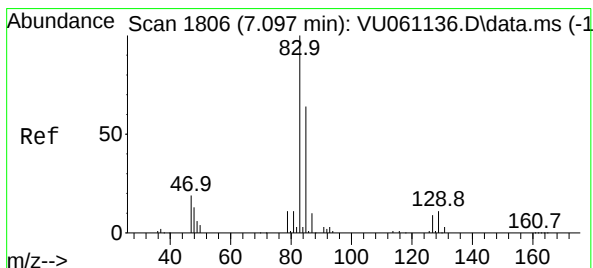
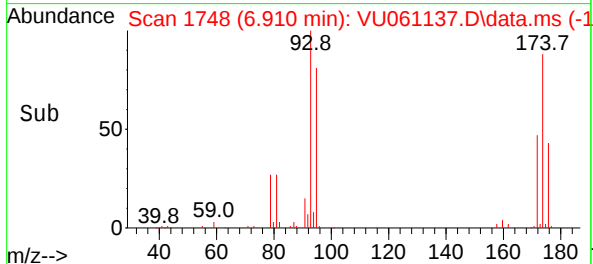
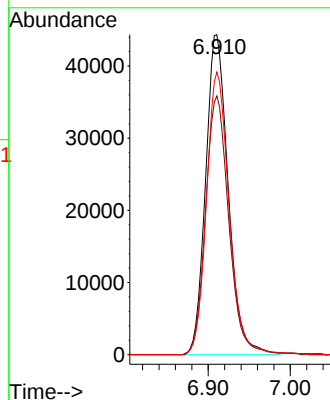
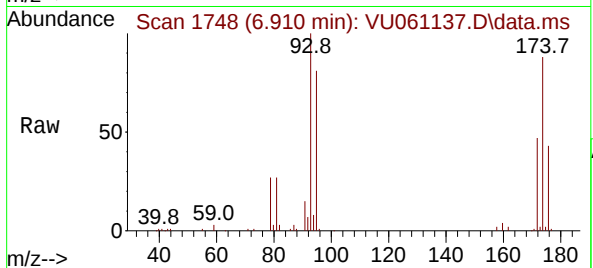
Tgt Ion: 93 Resp: 85028

Ion Ratio Lower Upper

93 100

95 83.2 66.4 99.6

174 88.5 68.4 102.6



#44

Bromodichloromethane

Concen: 15.687 ug/l

RT: 7.097 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VU061137.D

Acq: 16 Oct 2024 12:27

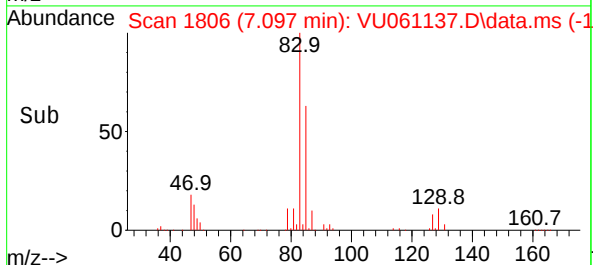
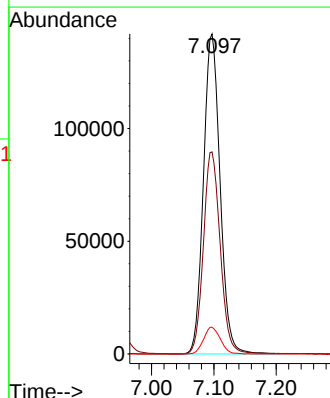
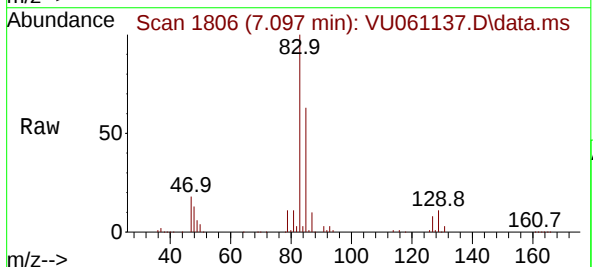
Tgt Ion: 83 Resp: 263651

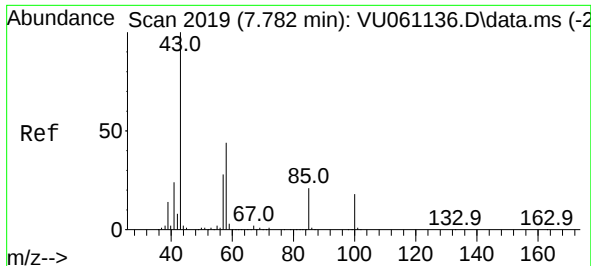
Ion Ratio Lower Upper

83 100

85 63.2 51.4 77.0

127 9.1 7.0 10.6

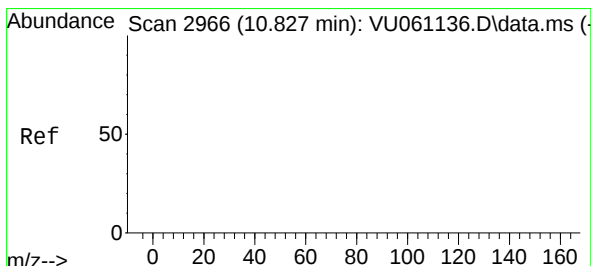
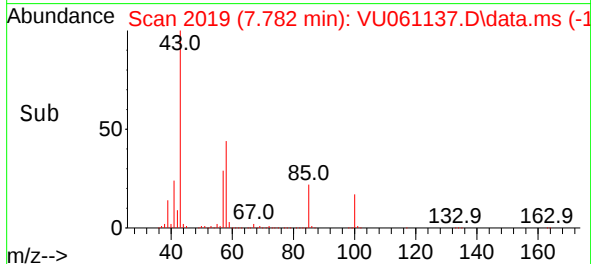
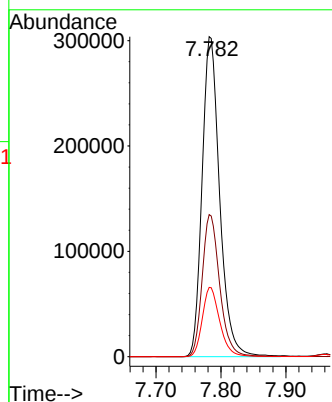
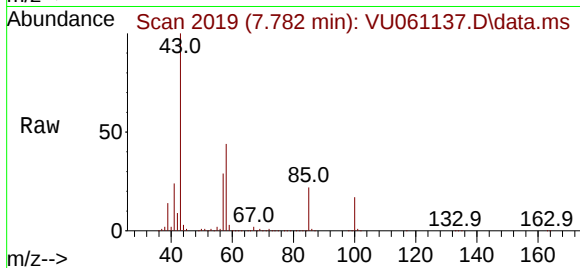




#45
4-Methyl-2-Pentanone
Concen: 78.864 ug/l
RT: 7.782 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VU061137.D
Acq: 16 Oct 2024 12:27

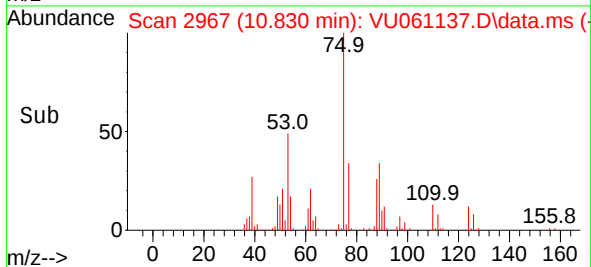
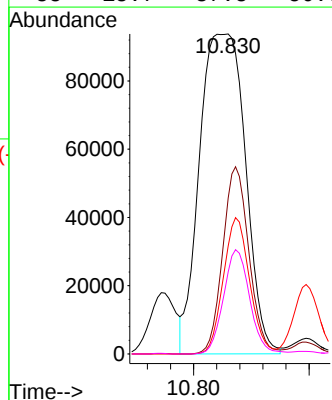
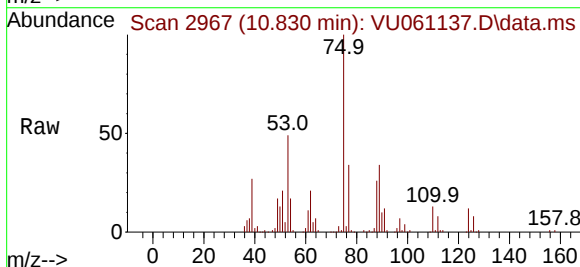
Instrument :
MSVOA_U
ClientSampleId :

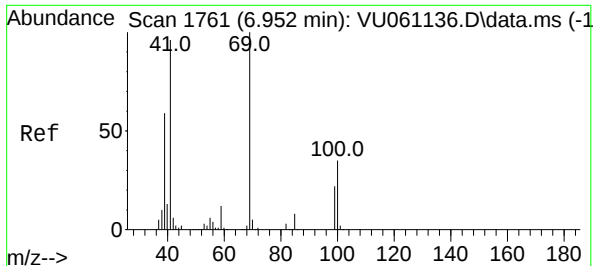
Tgt Ion: 43 Resp: 572942
Ion Ratio Lower Upper
43 100
58 44.3 22.1 66.3
85 21.4 16.8 25.2



#46
t-1,4-Dichloro-2-butene
Concen: 82.982 ug/l
RT: 10.830 min Scan# 2967
Delta R.T. 0.003 min
Lab File: VU061137.D
Acq: 16 Oct 2024 12:27

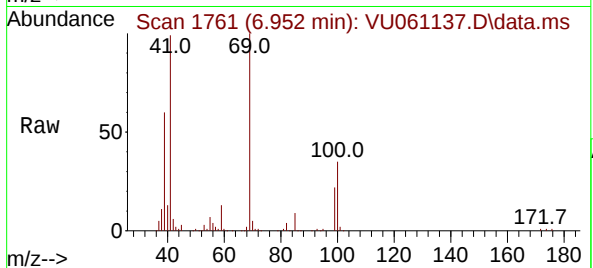
Tgt Ion: 75 Resp: 257879
Ion Ratio Lower Upper
75 100
53 33.6 66.6 100.0#
89 24.5 48.4 72.6#
88 18.7 37.8 56.6#



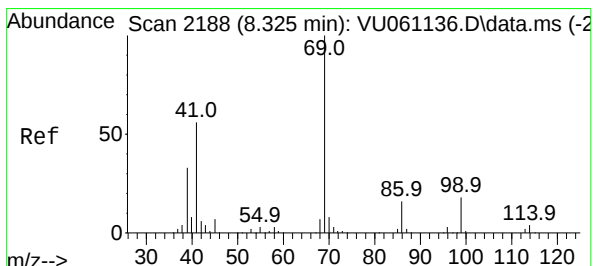
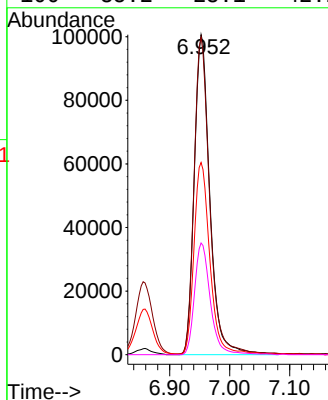
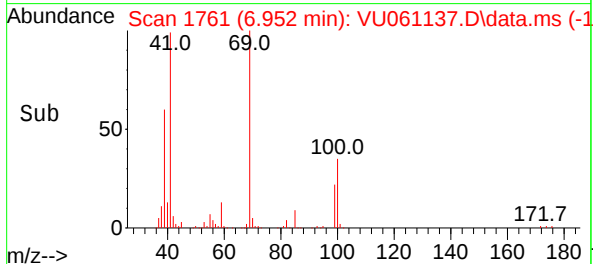


#47
Methyl methacrylate
Concen: 32.200 ug/l
RT: 6.952 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VU061137.D
Acq: 16 Oct 2024 12:27

Instrument :
MSVOA_U
ClientSampleId :

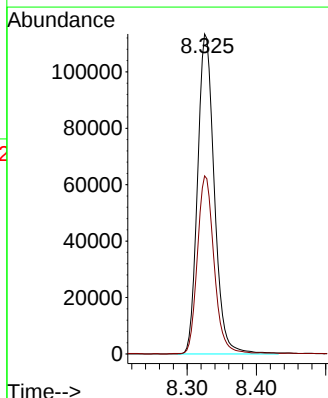
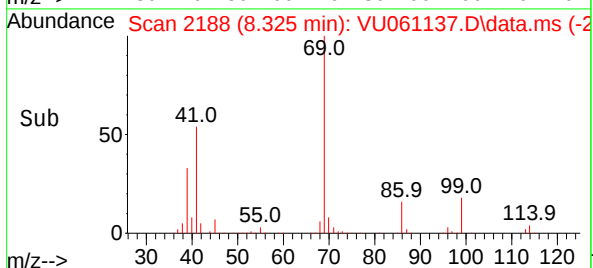
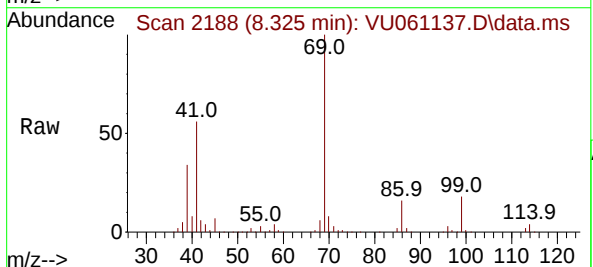


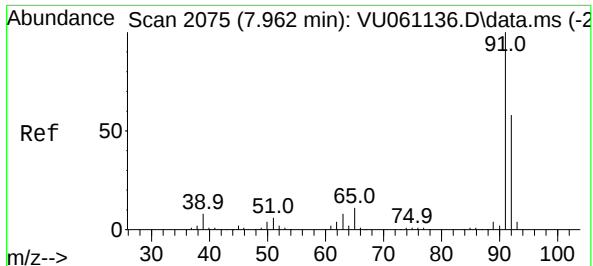
Tgt Ion: 69 Resp: 182441
Ion Ratio Lower Upper
69 100
41 98.3 0.0 193.8
39 60.4 47.4 71.2
100 35.2 28.1 42.1



#48
Ethyl methacrylate
Concen: 16.090 ug/l
RT: 8.325 min Scan# 2188
Delta R.T. -0.000 min
Lab File: VU061137.D
Acq: 16 Oct 2024 12:27

Tgt Ion: 69 Resp: 190175
Ion Ratio Lower Upper
69 100
41 55.8 27.6 82.8





#49

Toluene

Concen: 15.606 ug/l

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU061137.D

Acq: 16 Oct 2024 12:27

Instrument :

MSVOA_U

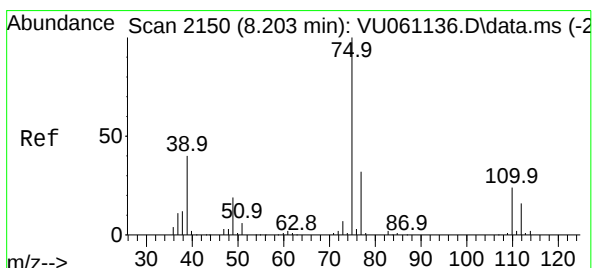
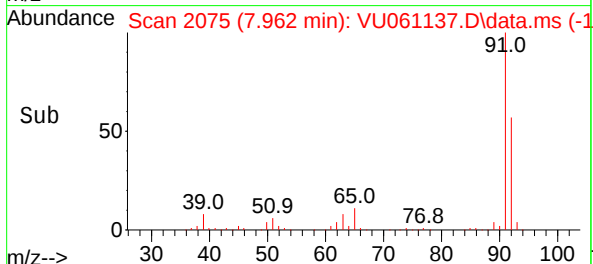
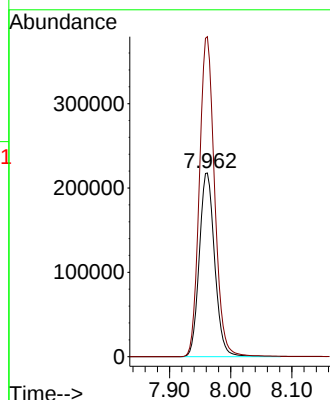
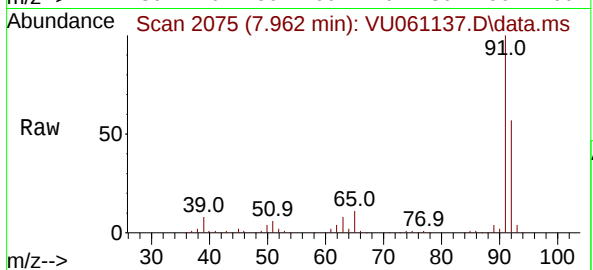
ClientSampleId :

Tgt Ion: 92 Resp: 379938

Ion Ratio Lower Upper

92 100

91 173.0 138.7 208.1



#50

t-1,3-Dichloropropene

Concen: 16.154 ug/l

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU061137.D

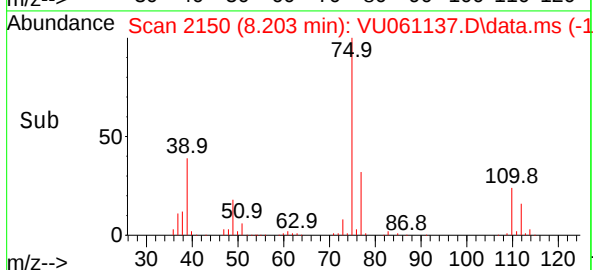
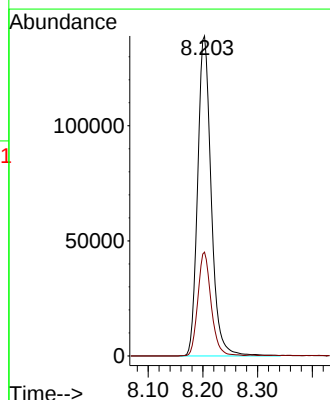
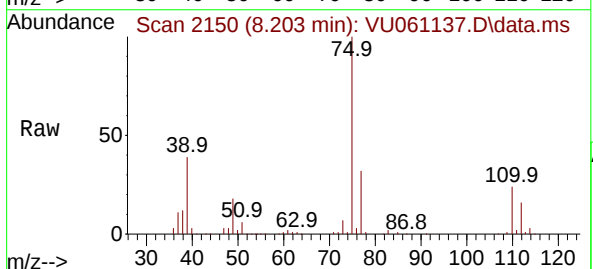
Acq: 16 Oct 2024 12:27

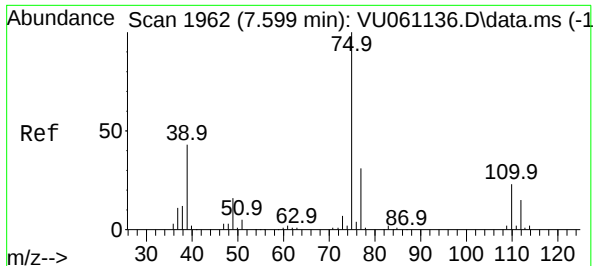
Tgt Ion: 75 Resp: 238998

Ion Ratio Lower Upper

75 100

77 32.4 25.3 37.9

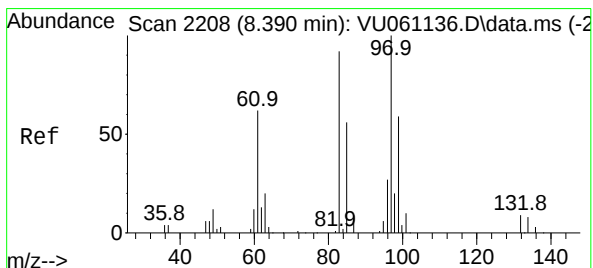
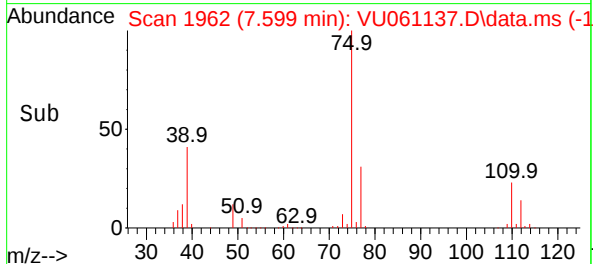
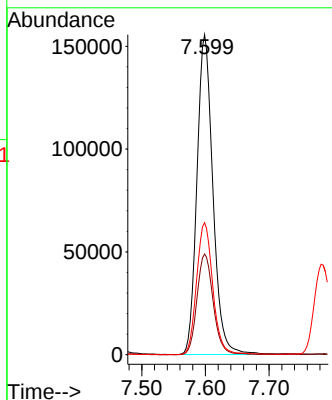
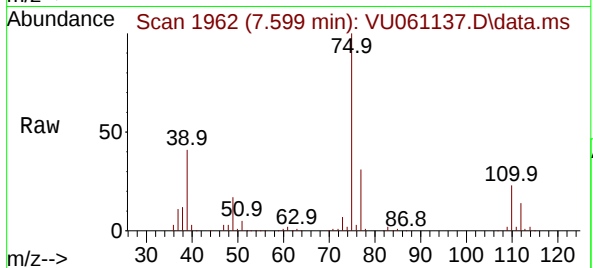




#51
 cis-1,3-Dichloropropene
 Concen: 15.739 ug/l
 RT: 7.599 min Scan# 1962
 Delta R.T. -0.000 min
 Lab File: VU061137.D
 Acq: 16 Oct 2024 12:27

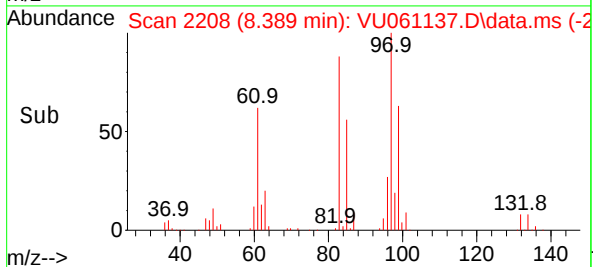
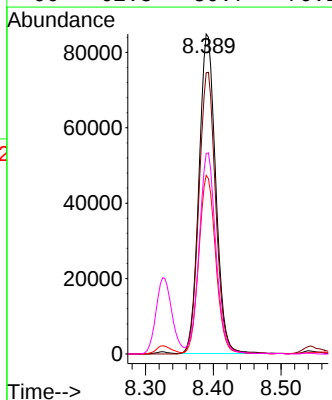
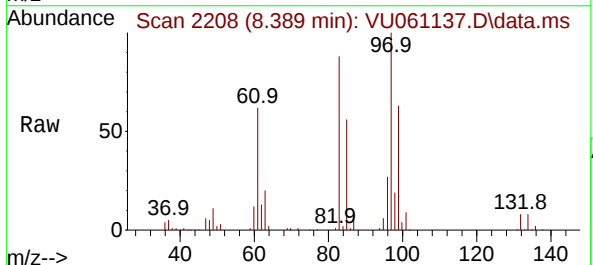
Instrument :
 MSVOA_U
 ClientSampleId :

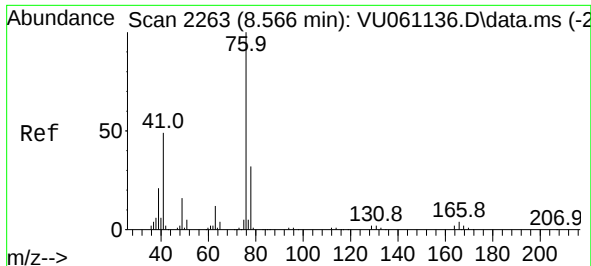
Tgt Ion: 75 Resp: 271103
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.6 37.0
 39 41.2 34.5 51.7



#52
 1,1,2-Trichloroethane
 Concen: 15.448 ug/l
 RT: 8.389 min Scan# 2208
 Delta R.T. -0.000 min
 Lab File: VU061137.D
 Acq: 16 Oct 2024 12:27

Tgt Ion: 97 Resp: 145039
 Ion Ratio Lower Upper
 97 100
 83 88.0 73.6 110.4
 85 55.7 45.3 67.9
 99 62.5 50.7 76.1

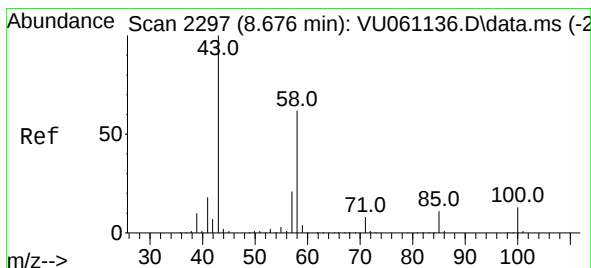
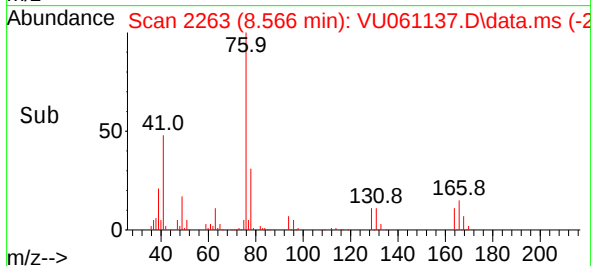
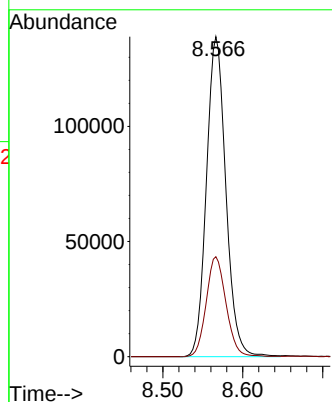
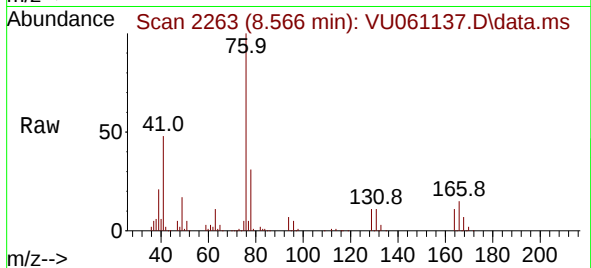




#53
1,3-Dichloropropane
Concen: 15.424 ug/l
RT: 8.566 min Scan# 2263
Delta R.T. -0.000 min
Lab File: VU061137.D
Acq: 16 Oct 2024 12:27

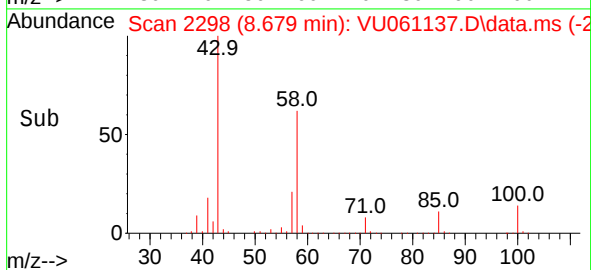
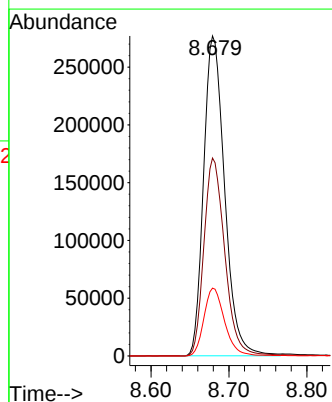
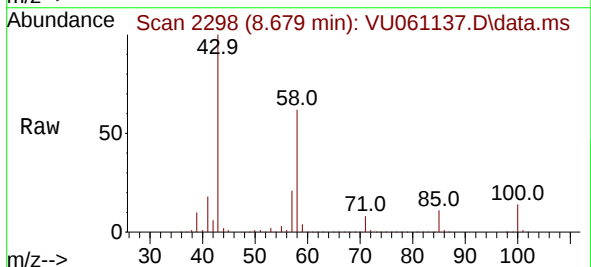
Instrument :
MSVOA_U
ClientSampleId :

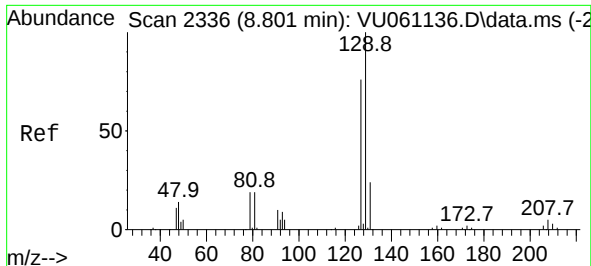
Tgt Ion: 76 Resp: 234527
Ion Ratio Lower Upper
76 100
78 31.9 25.9 38.9



#54
2-Hexanone
Concen: 81.335 ug/l
RT: 8.679 min Scan# 2298
Delta R.T. 0.003 min
Lab File: VU061137.D
Acq: 16 Oct 2024 12:27

Tgt Ion: 43 Resp: 519740
Ion Ratio Lower Upper
43 100
58 61.5 42.4 82.4
57 21.0 1.5 41.5





#55

Dibromochloromethane

Concen: 15.790 ug/l

RT: 8.801 min Scan# 2336

Delta R.T. -0.000 min

Lab File: VU061137.D

Acq: 16 Oct 2024 12:27

Instrument :

MSVOA_U

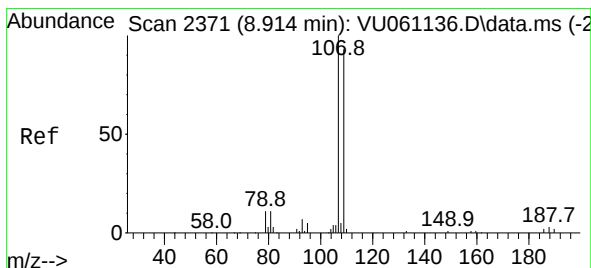
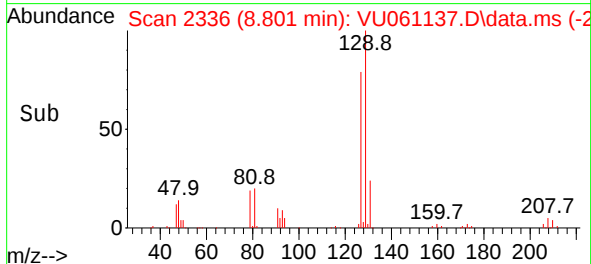
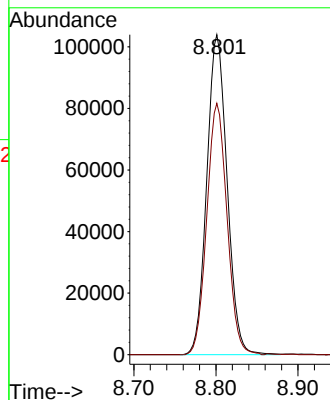
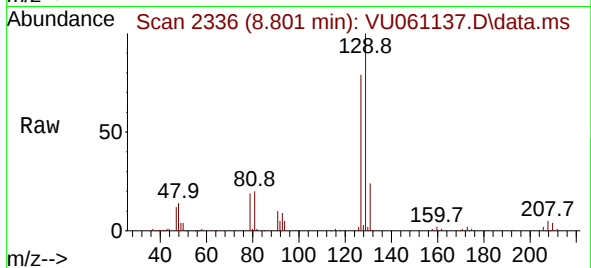
ClientSampleId :

Tgt Ion:129 Resp: 179020

Ion Ratio Lower Upper

129 100

127 78.3 61.4 92.0



#56

1,2-Dibromoethane

Concen: 15.505 ug/l

RT: 8.914 min Scan# 2371

Delta R.T. -0.000 min

Lab File: VU061137.D

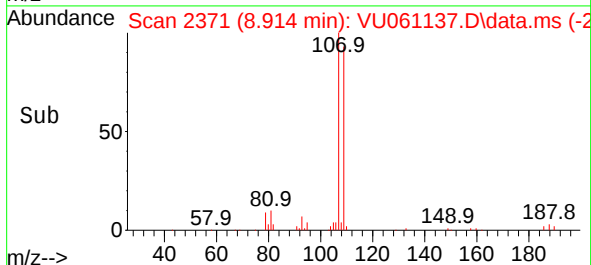
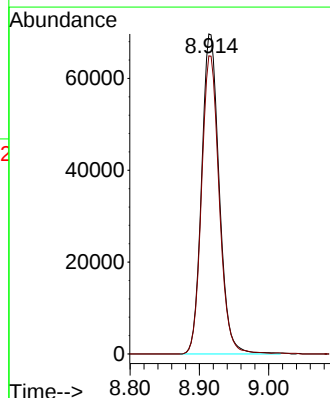
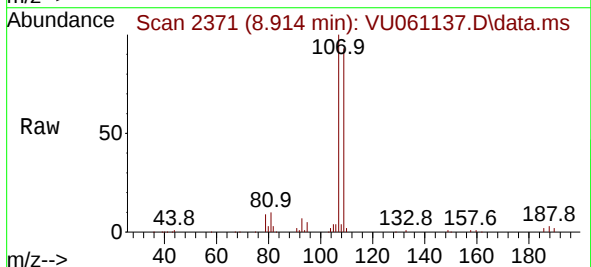
Acq: 16 Oct 2024 12:27

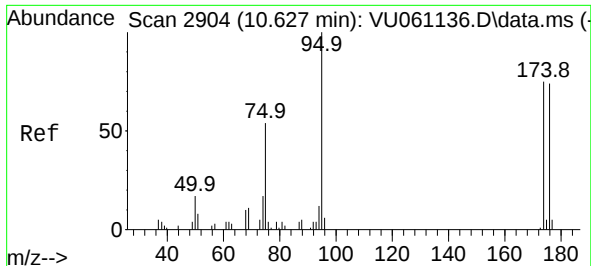
Tgt Ion:107 Resp: 122698

Ion Ratio Lower Upper

107 100

109 93.6 0.0 189.6





#57

4-Bromofluorobenzene

Concen: 1.050 ug/l

RT: 10.627 min Scan# 2904

Delta R.T. -0.000 min

Lab File: VU061137.D

Acq: 16 Oct 2024 12:27

Instrument :

MSVOA_U

ClientSampleId :

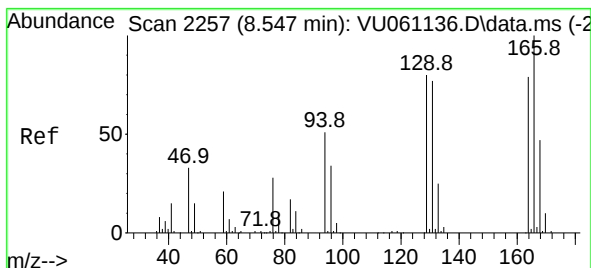
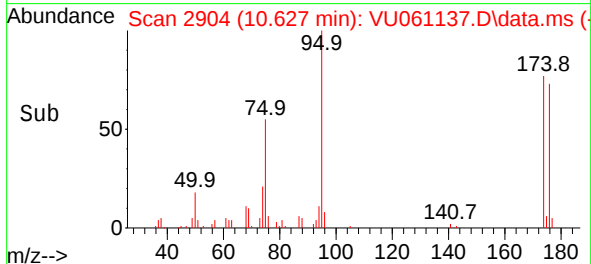
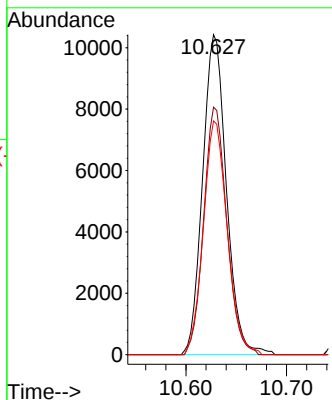
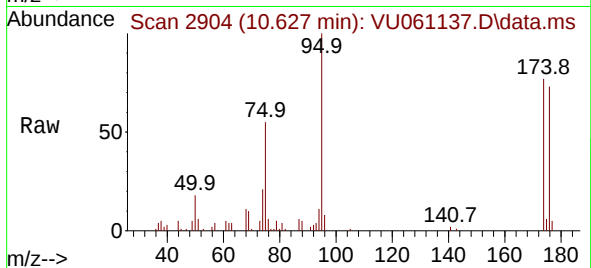
Tgt Ion: 95 Resp: 17130

Ion Ratio Lower Upper

95 100

174 75.0 59.7 89.5

176 73.2 60.2 90.2



#58

Tetrachloroethene

Concen: 15.474 ug/l

RT: 8.547 min Scan# 2257

Delta R.T. -0.000 min

Lab File: VU061137.D

Acq: 16 Oct 2024 12:27

Tgt Ion:164 Resp: 134343

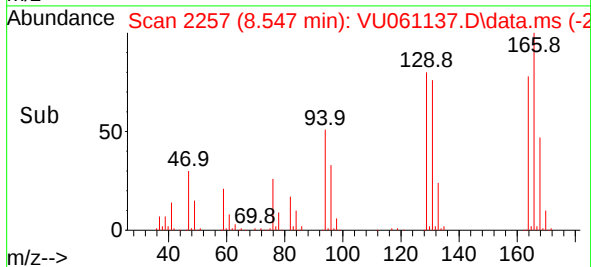
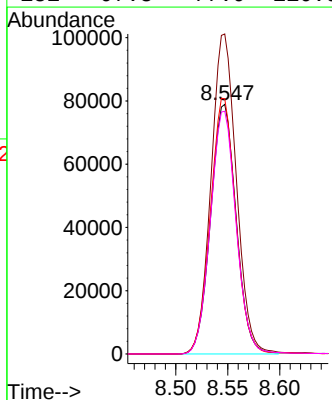
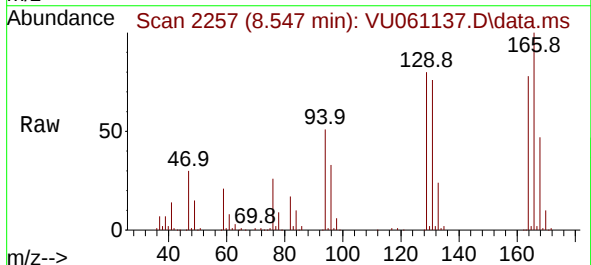
Ion Ratio Lower Upper

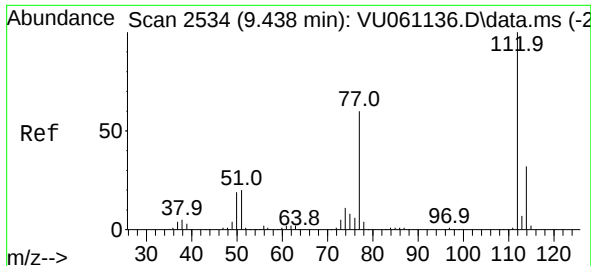
164 100

166 128.2 101.4 152.0

129 102.2 80.7 121.1

131 97.3 77.9 116.9

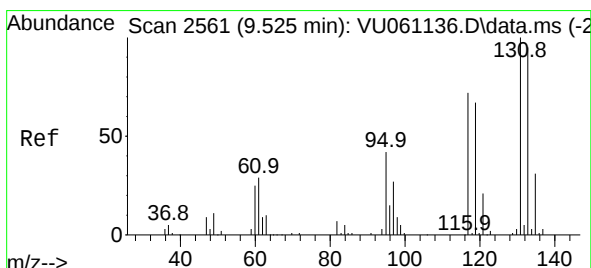
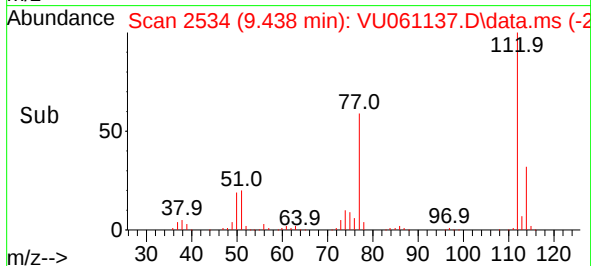
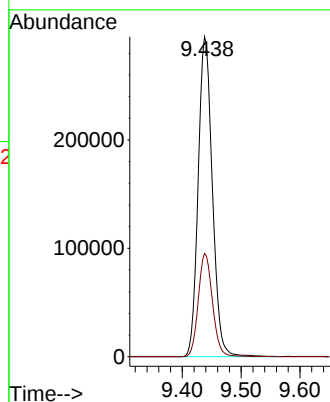
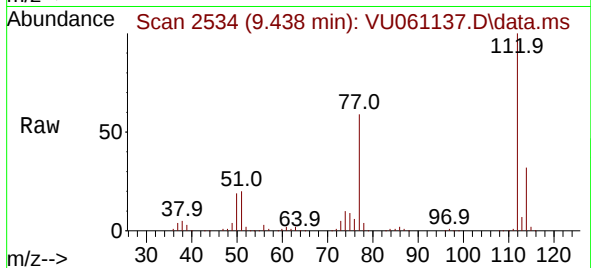




#59
Chlorobenzene
Concen: 15.662 ug/l
RT: 9.438 min Scan# 2534
Delta R.T. -0.000 min
Lab File: VU061137.D
Acq: 16 Oct 2024 12:27

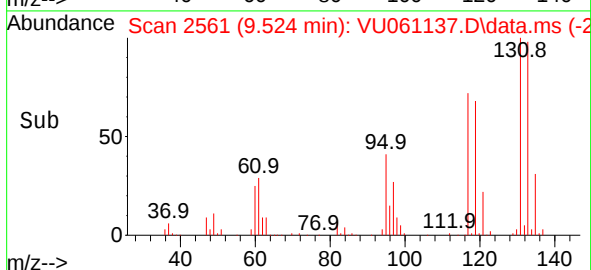
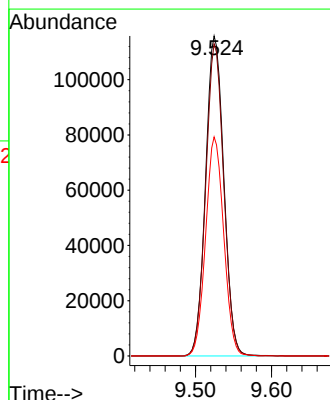
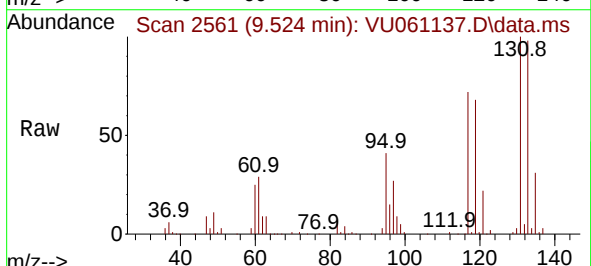
Instrument :
MSVOA_U
ClientSampleId :

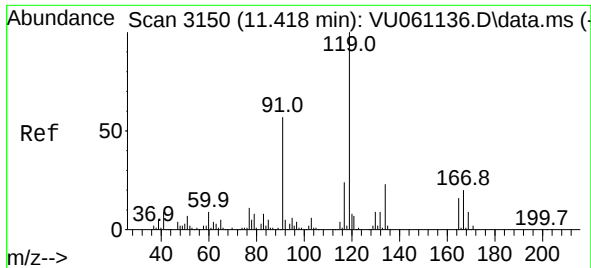
Tgt Ion:112 Resp: 494152
Ion Ratio Lower Upper
112 100
114 32.2 25.6 38.4



#60
1,1,1,2-Tetrachloroethane
Concen: 15.686 ug/l
RT: 9.524 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU061137.D
Acq: 16 Oct 2024 12:27

Tgt Ion:131 Resp: 193053
Ion Ratio Lower Upper
131 100
133 96.2 76.1 114.1
119 67.9 53.4 80.0

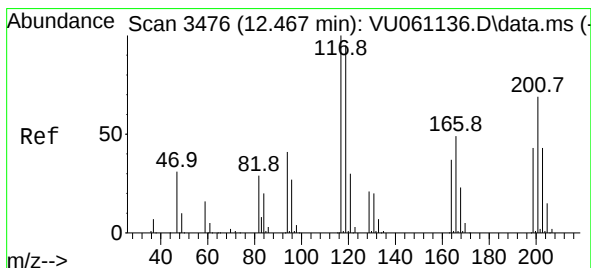
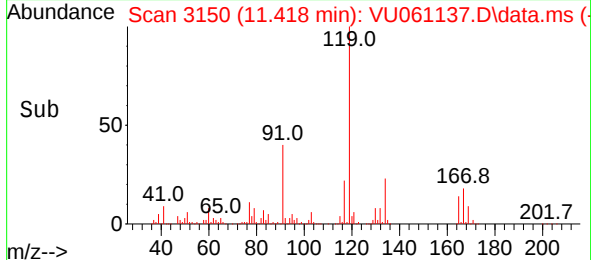
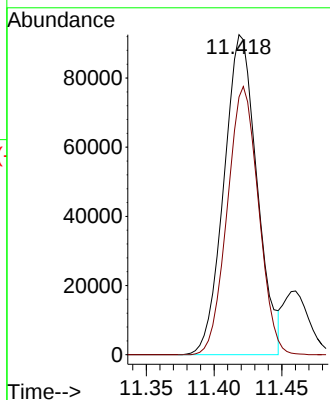
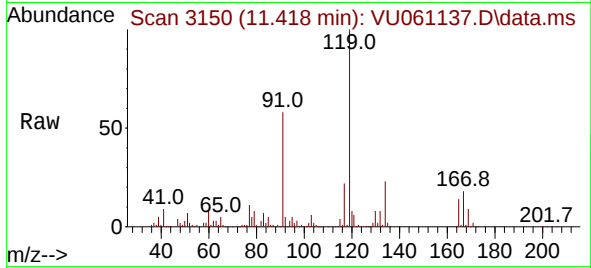




#61
 Pentachloroethane
 Concen: 16.588 ug/l
 RT: 11.418 min Scan# 3150
 Delta R.T. -0.000 min
 Lab File: VU061137.D
 Acq: 16 Oct 2024 12:27

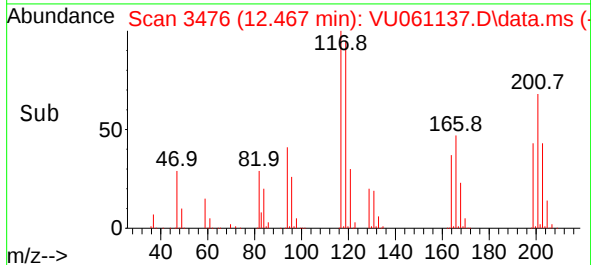
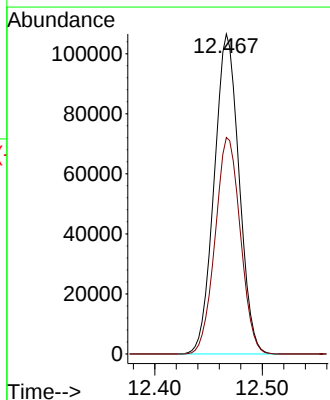
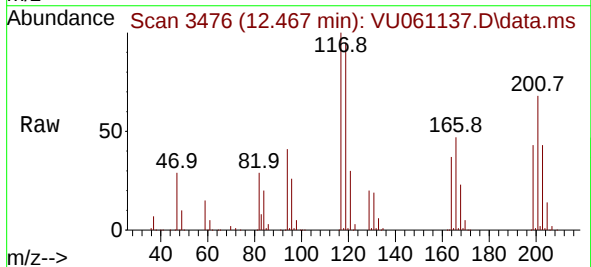
Instrument :
 MSVOA_U
 ClientSampleId :

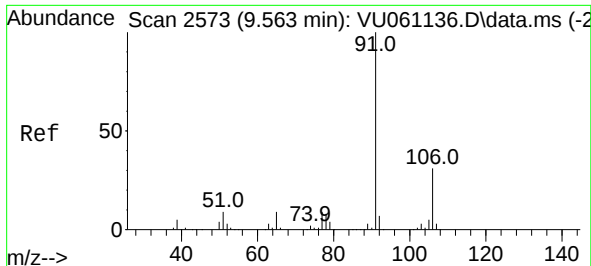
Tgt Ion:117 Resp: 157255
 Ion Ratio Lower Upper
 117 100
 167 78.9 63.6 95.4



#62
 Hexachloroethane
 Concen: 17.308 ug/l
 RT: 12.467 min Scan# 3476
 Delta R.T. -0.000 min
 Lab File: VU061137.D
 Acq: 16 Oct 2024 12:27

Tgt Ion:117 Resp: 171124
 Ion Ratio Lower Upper
 117 100
 201 68.7 54.3 81.5





#63

Ethyl Benzene

Concen: 15.600 ug/l

RT: 9.563 min Scan# 2573

Delta R.T. -0.000 min MSVOA_U

Lab File: VU061137.D

Acq: 16 Oct 2024 12:27

Instrument :

MSVOA_U

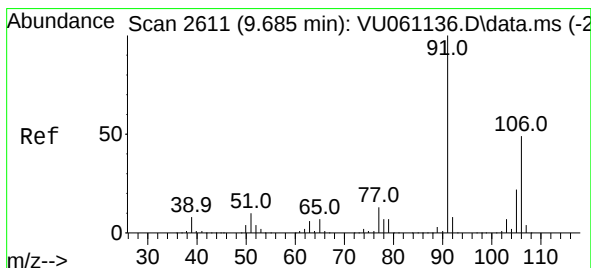
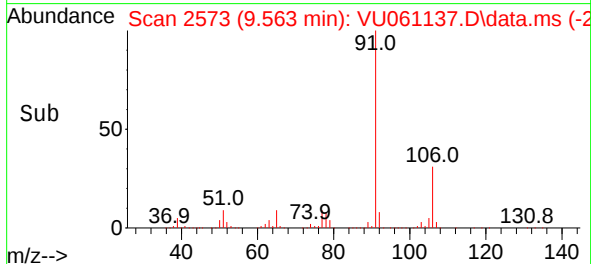
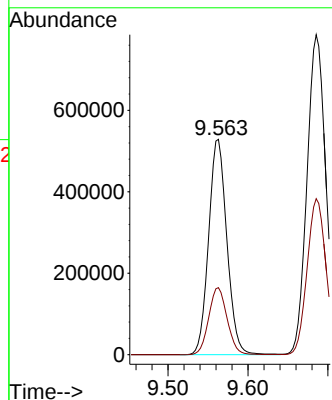
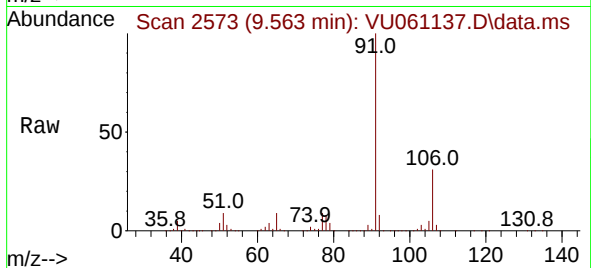
ClientSampleId :

Tgt Ion: 91 Resp: 841114

Ion Ratio Lower Upper

91 100

106 31.2 24.7 37.1



#64

m/p-Xylenes

Concen: 31.837 ug/l

RT: 9.685 min Scan# 2611

Delta R.T. -0.000 min

Lab File: VU061137.D

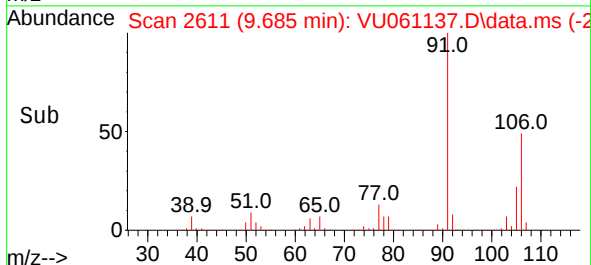
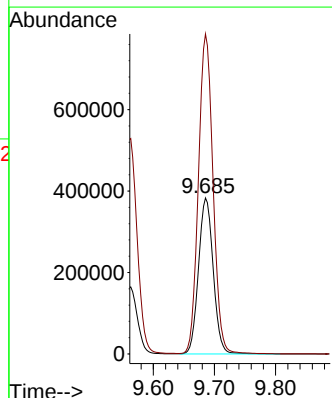
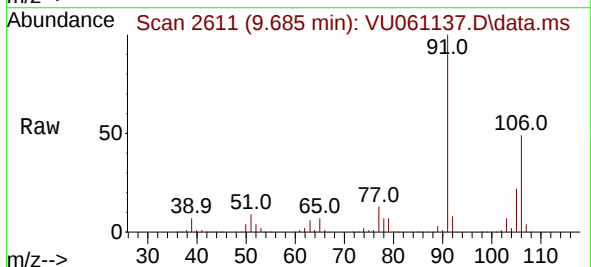
Acq: 16 Oct 2024 12:27

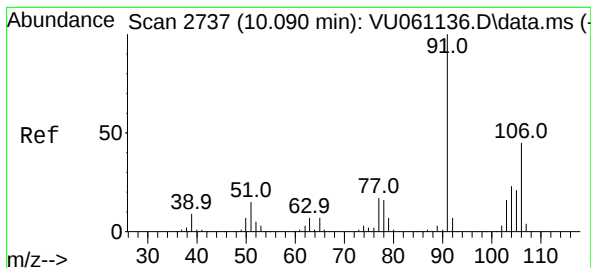
Tgt Ion:106 Resp: 638795

Ion Ratio Lower Upper

106 100

91 204.3 164.1 246.1





#65

o-Xylene

Concen: 15.752 ug/l

RT: 10.094 min Scan# 2737

Delta R.T. 0.003 min

Lab File: VU061137.D

Acq: 16 Oct 2024 12:27

Instrument :

MSVOA_U

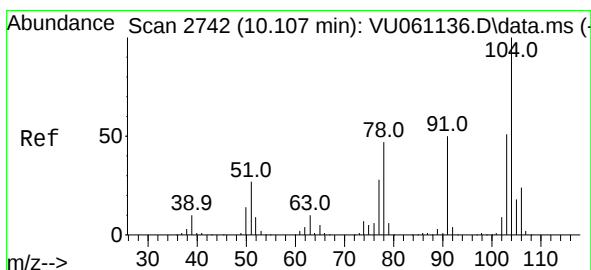
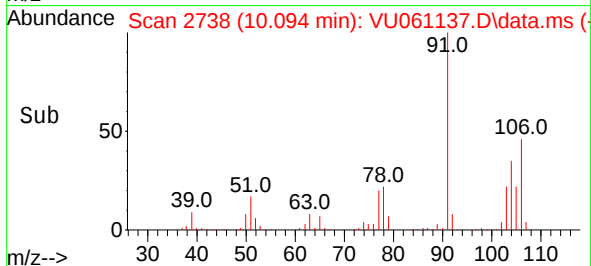
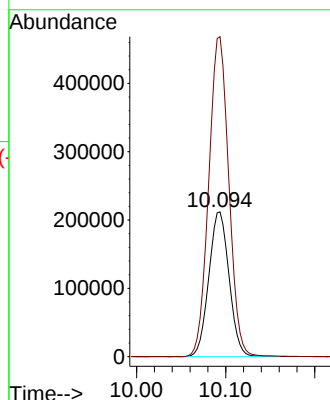
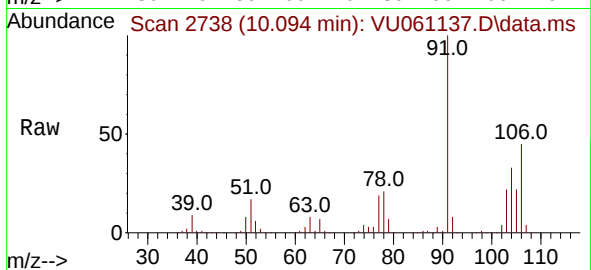
ClientSampleId :

Tgt Ion:106 Resp: 334241

Ion Ratio Lower Upper

106 100

91 219.1 109.1 327.2



#66

Styrene

Concen: 16.463 ug/l

RT: 10.106 min Scan# 2742

Delta R.T. -0.000 min

Lab File: VU061137.D

Acq: 16 Oct 2024 12:27

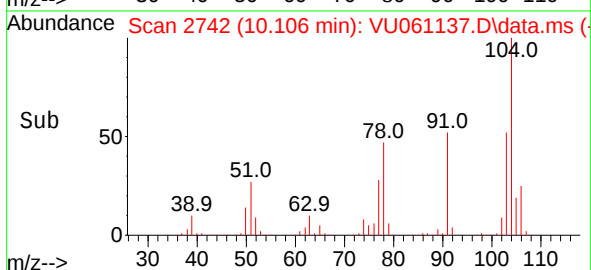
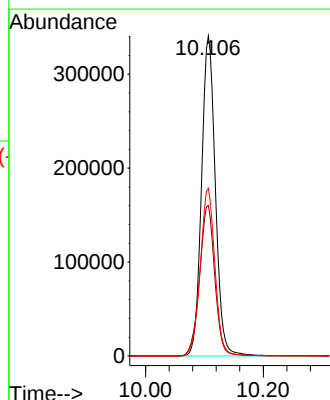
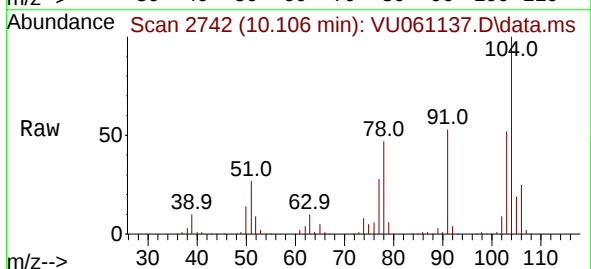
Tgt Ion:104 Resp: 556737

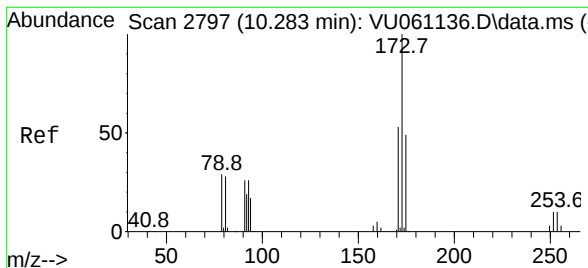
Ion Ratio Lower Upper

104 100

78 51.4 41.2 61.8

103 55.7 44.4 66.6





#67

Bromoform

Concen: 16.765 ug/l

RT: 10.283 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU061137.D

Acq: 16 Oct 2024 12:27

Instrument :

MSVOA_U

ClientSampleId :

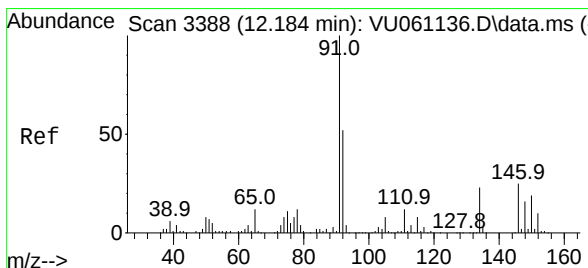
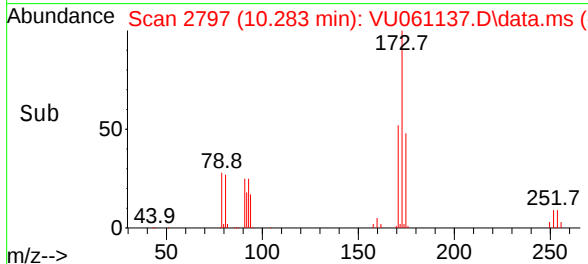
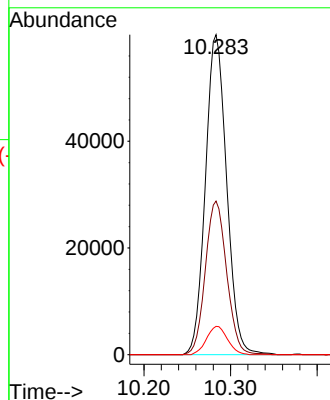
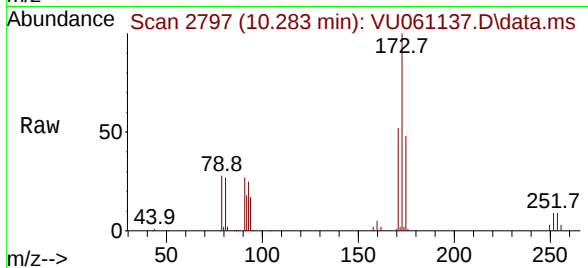
Tgt Ion:173 Resp: 102186

Ion Ratio Lower Upper

173 100

175 48.2 38.9 58.3

254 8.7 7.0 10.6



#68

1,2-Dichlorobenzene-d4

Concen: 1.074 ug/l

RT: 12.187 min Scan# 3389

Delta R.T. 0.003 min

Lab File: VU061137.D

Acq: 16 Oct 2024 12:27

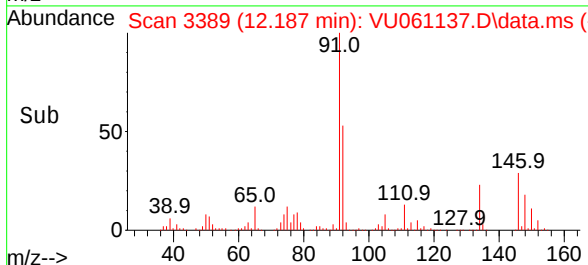
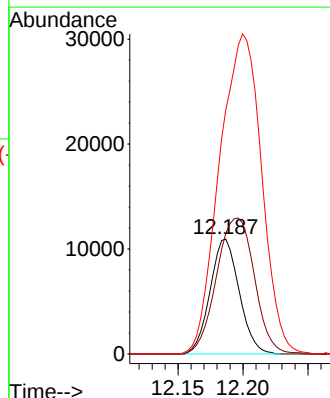
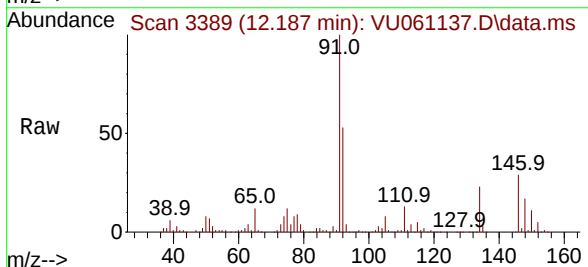
Tgt Ion:152 Resp: 17040

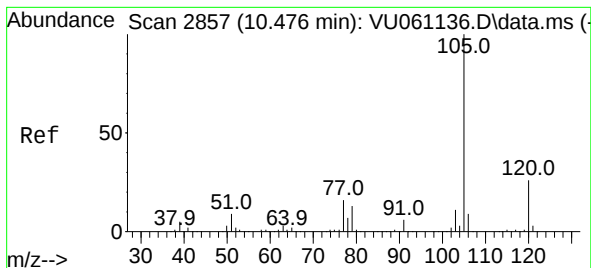
Ion Ratio Lower Upper

152 100

115 154.2 0.0 258.4

150 402.9 0.0 660.4





#69

Isopropylbenzene

Concen: 15.977 ug/l

RT: 10.476 min Scan# 2857

Delta R.T. -0.000 min

Lab File: VU061137.D

Acq: 16 Oct 2024 12:27

Instrument :

MSVOA_U

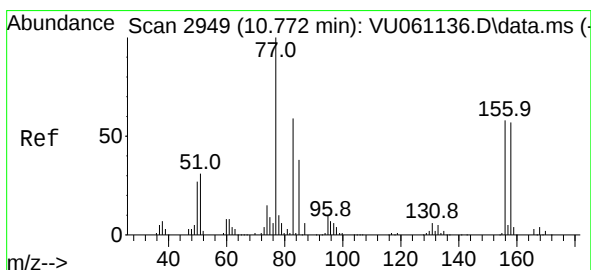
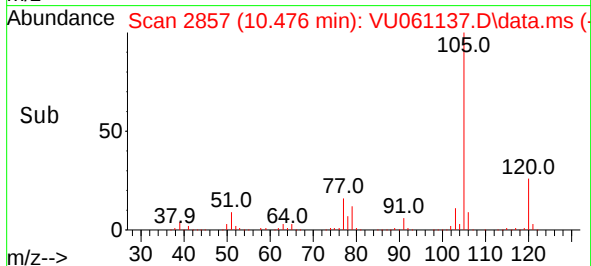
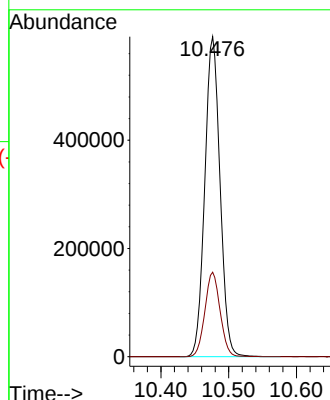
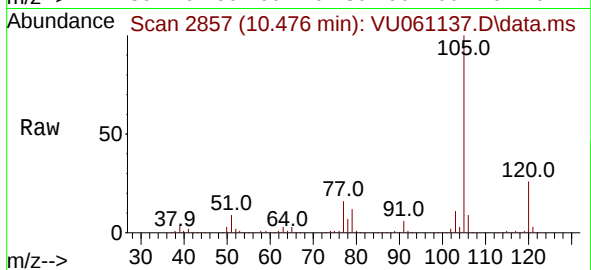
ClientSampleId :

Tgt Ion:105 Resp: 921716

Ion Ratio Lower Upper

105 100

120 26.4 13.2 39.5



#70

1,1,2,2-Tetrachloroethane

Concen: 16.220 ug/l

RT: 10.775 min Scan# 2950

Delta R.T. 0.003 min

Lab File: VU061137.D

Acq: 16 Oct 2024 12:27

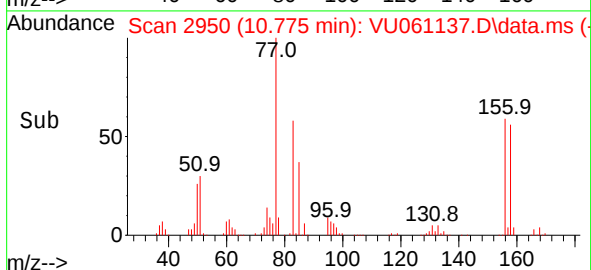
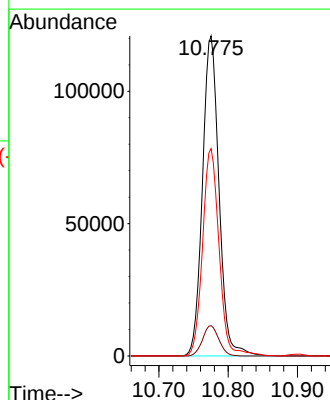
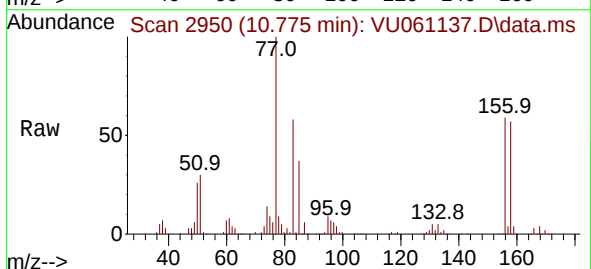
Tgt Ion: 83 Resp: 200326

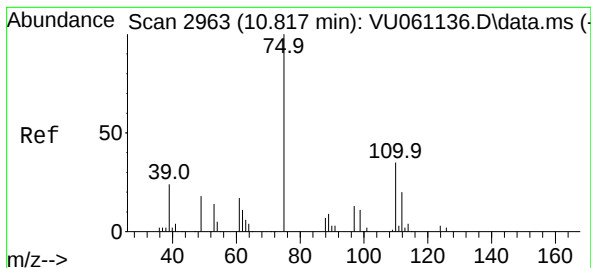
Ion Ratio Lower Upper

83 100

131 9.3 7.5 11.3

85 64.6 52.3 78.5





#71

1,2,3-Trichloropropane

Concen: 26.846 ug/l

RT: 10.830 min Scan# 2967

Delta R.T. 0.013 min

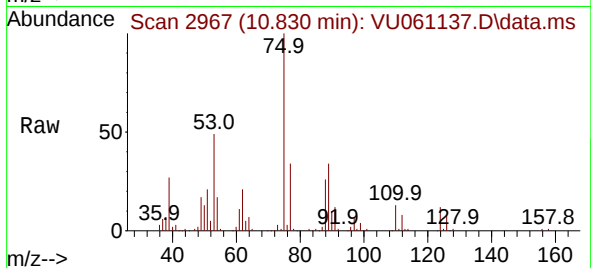
Lab File: VU061137.D

Acq: 16 Oct 2024 12:27

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 257879

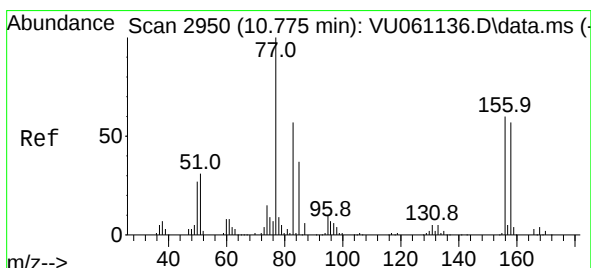
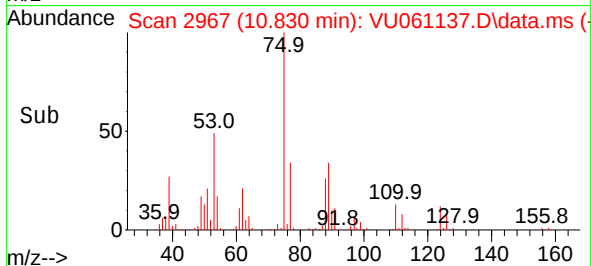
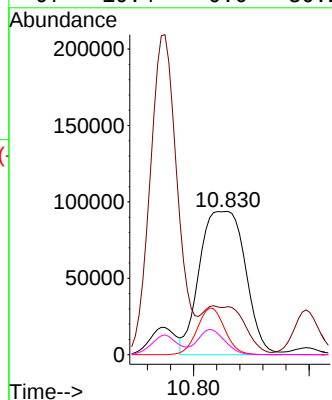
Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

110 19.6 0.0 66.8

97 10.4 0.0 36.2



#72

Bromobenzene

Concen: 15.891 ug/l

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU061137.D

Acq: 16 Oct 2024 12:27

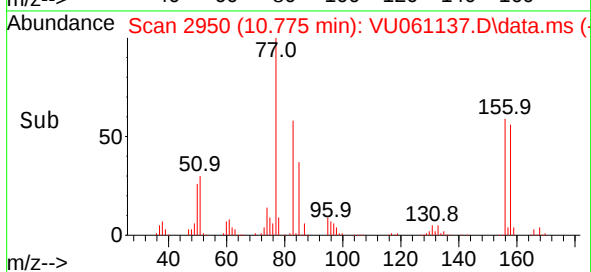
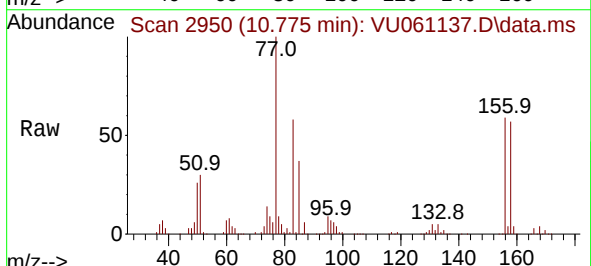
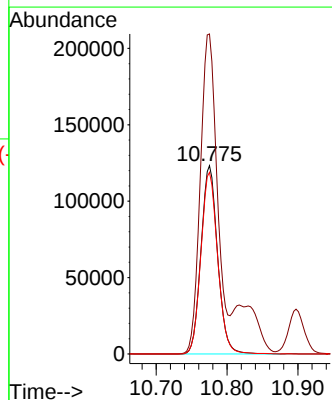
Tgt Ion:156 Resp: 200586

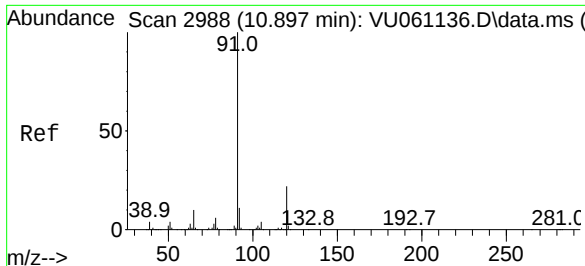
Ion Ratio Lower Upper

156 100

77 173.4 0.0 342.6

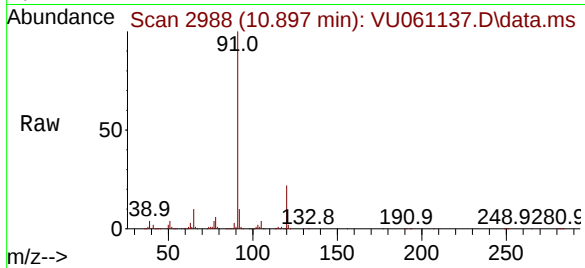
158 97.2 0.0 195.2



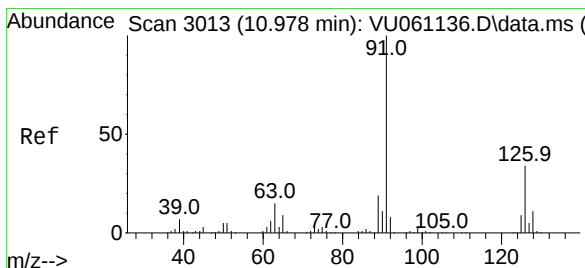
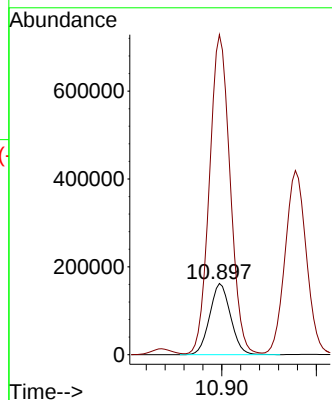
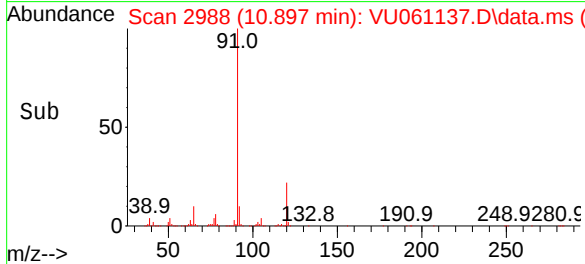


#73
n-propylbenzene
Concen: 16.435 ug/l
RT: 10.897 min Scan# 2988
Delta R.T. -0.000 min
Lab File: VU061137.D
Acq: 16 Oct 2024 12:27

Instrument :
MSVOA_U
ClientSampleId :

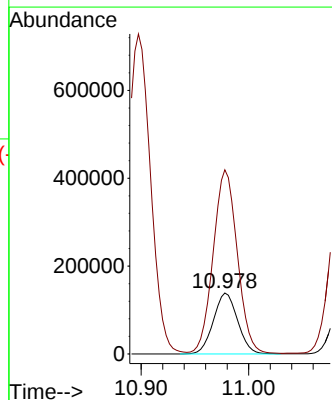
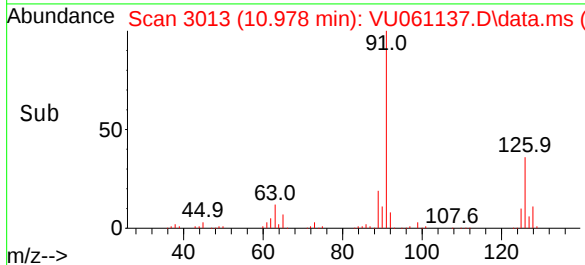
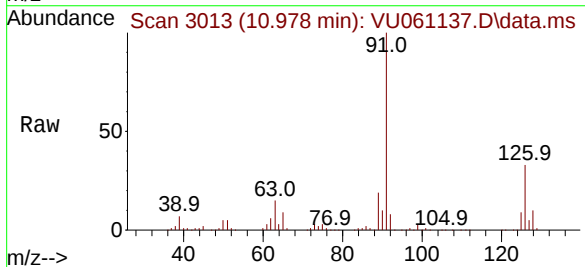


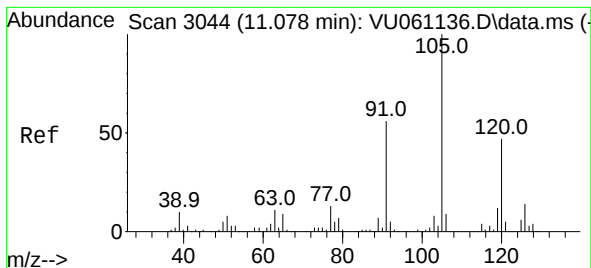
Tgt Ion:120 Resp: 247634
Ion Ratio Lower Upper
120 100
91 444.6 354.6 532.0



#74
2-Chlorotoluene
Concen: 15.852 ug/l
RT: 10.978 min Scan# 3013
Delta R.T. -0.000 min
Lab File: VU061137.D
Acq: 16 Oct 2024 12:27

Tgt Ion:126 Resp: 216990
Ion Ratio Lower Upper
126 100
91 298.9 0.0 596.4





#75

1,3,5-Trimethylbenzene

Concen: 16.293 ug/l

RT: 11.081 min Scan# 3045

Delta R.T. 0.003 min

Lab File: VU061137.D

Acq: 16 Oct 2024 12:27

Instrument :

MSVOA_U

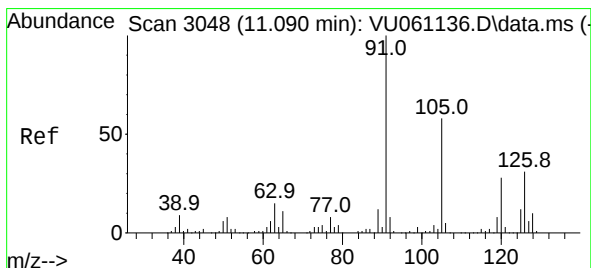
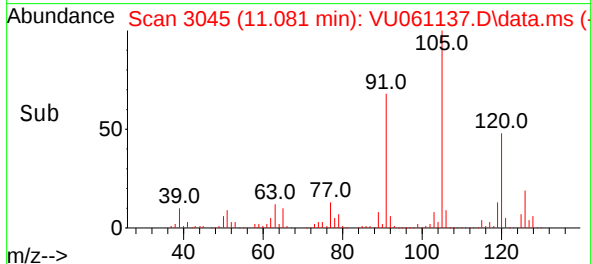
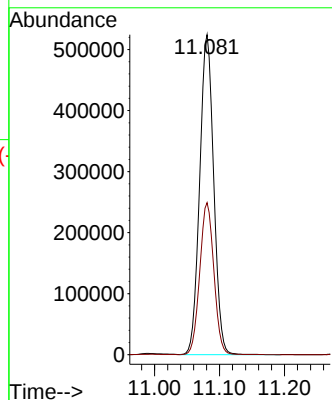
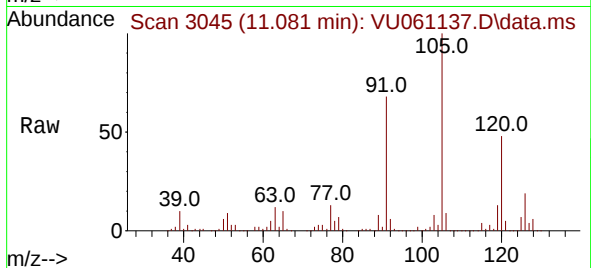
ClientSampleId :

Tgt Ion:105 Resp: 789023

Ion Ratio Lower Upper

105 100

120 47.7 37.8 56.8



#76

4-Chlorotoluene

Concen: 16.333 ug/l

RT: 11.090 min Scan# 3048

Delta R.T. -0.000 min

Lab File: VU061137.D

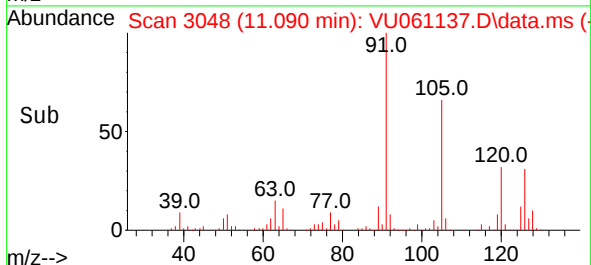
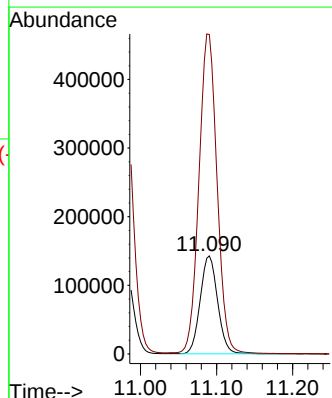
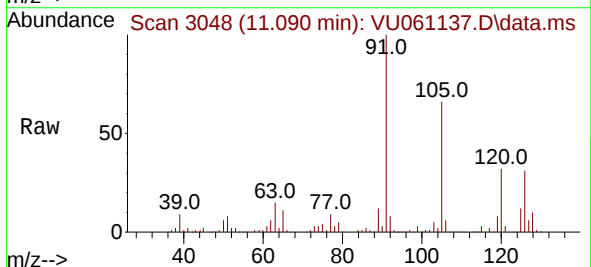
Acq: 16 Oct 2024 12:27

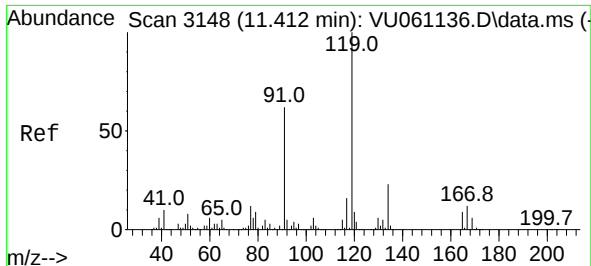
Tgt Ion:126 Resp: 226666

Ion Ratio Lower Upper

126 100

91 339.6 0.0 688.8



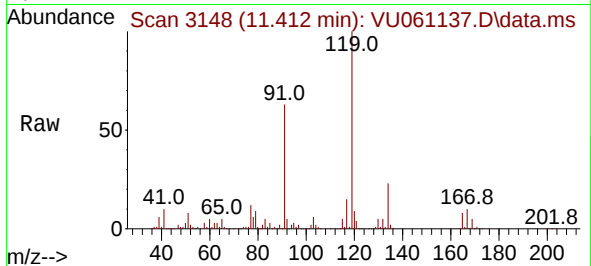


#77
tert-Butylbenzene
Concen: 16.205 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU061137.D
Acq: 16 Oct 2024 12:27

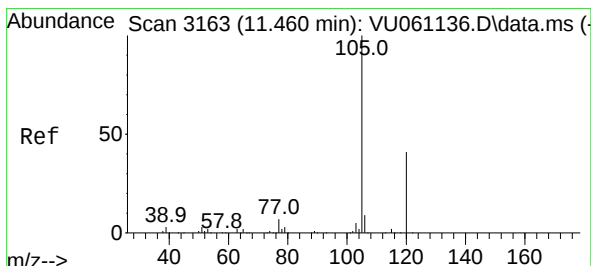
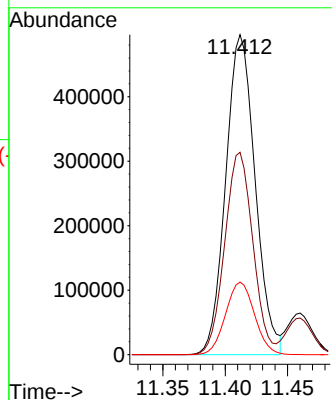
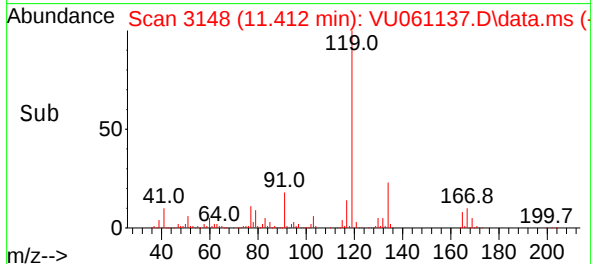
Instrument :

MSVOA_U

ClientSampleId :

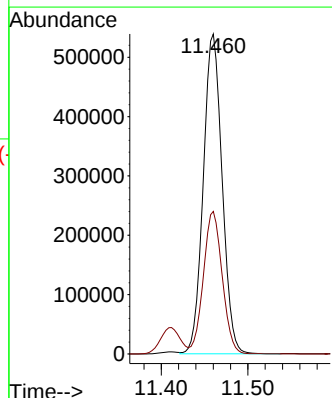
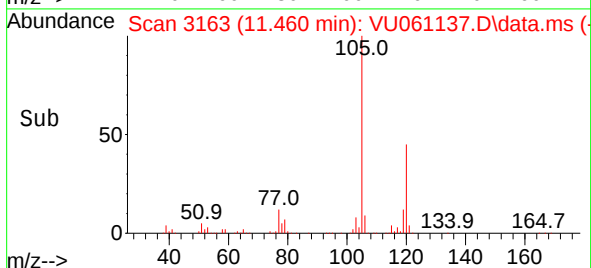
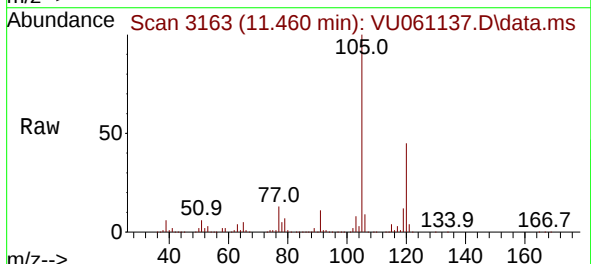


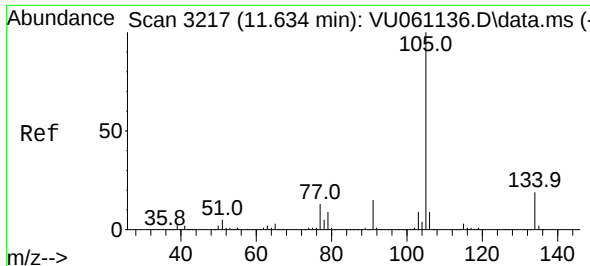
Tgt Ion:119 Resp: 817011
Ion Ratio Lower Upper
119 100
91 60.5 30.0 90.0
134 22.3 17.6 26.4



#78
1,2,4-Trimethylbenzene
Concen: 16.476 ug/l
RT: 11.460 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VU061137.D
Acq: 16 Oct 2024 12:27

Tgt Ion:105 Resp: 814716
Ion Ratio Lower Upper
105 100
120 44.6 22.2 66.6





#79

sec-Butylbenzene

Concen: 16.287 ug/l

RT: 11.634 min Scan# 3217

Delta R.T. -0.000 min

Lab File: VU061137.D

Acq: 16 Oct 2024 12:27

Instrument :

MSVOA_U

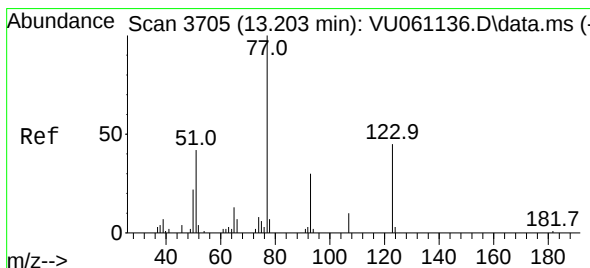
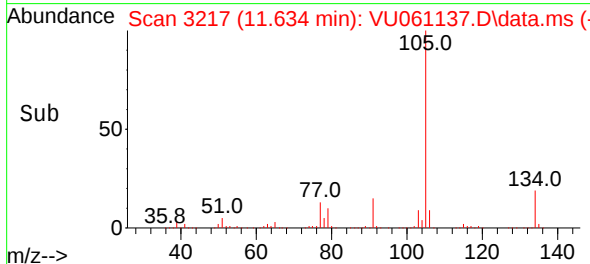
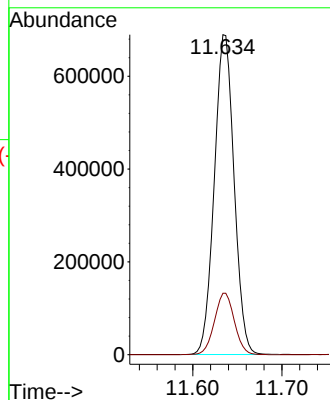
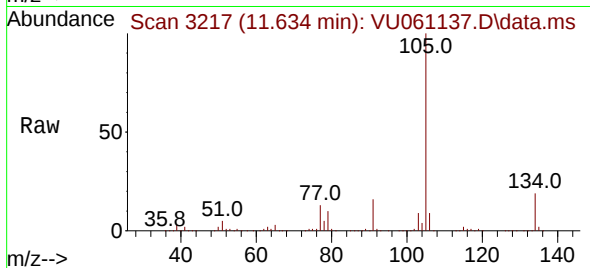
ClientSampleId :

Tgt Ion:105 Resp: 1061583

Ion Ratio Lower Upper

105 100

134 19.4 15.5 23.3



#80

Nitrobenzene

Concen: 76.496 ug/l

RT: 13.203 min Scan# 3705

Delta R.T. -0.000 min

Lab File: VU061137.D

Acq: 16 Oct 2024 12:27

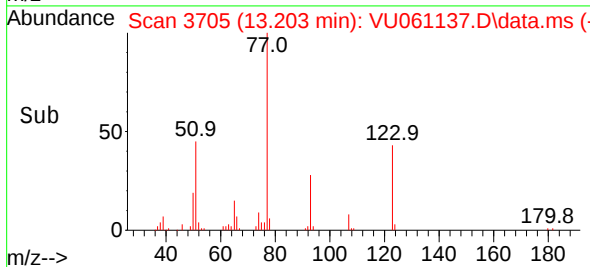
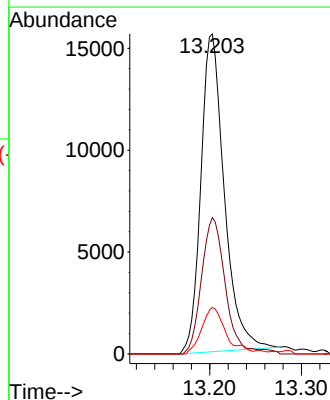
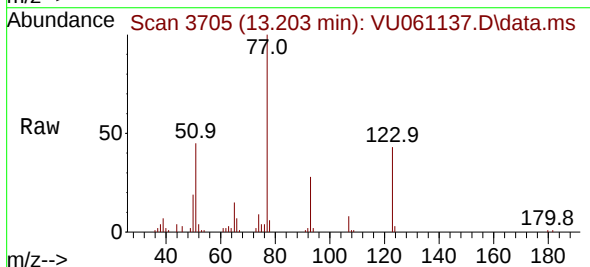
Tgt Ion: 77 Resp: 27698

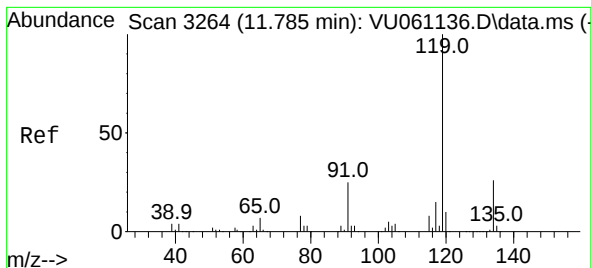
Ion Ratio Lower Upper

77 100

123 41.2 17.4 61.6

65 14.0 12.4 15.8





#81

p-Isopropyltoluene

Concen: 16.695 ug/l

RT: 11.785 min Scan# 3264

Delta R.T. -0.000 min

Lab File: VU061137.D

Acq: 16 Oct 2024 12:27

Instrument :

MSVOA_U

ClientSampleId :

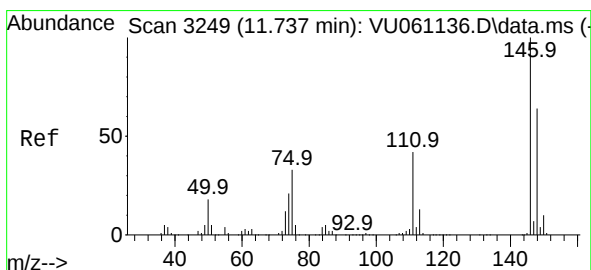
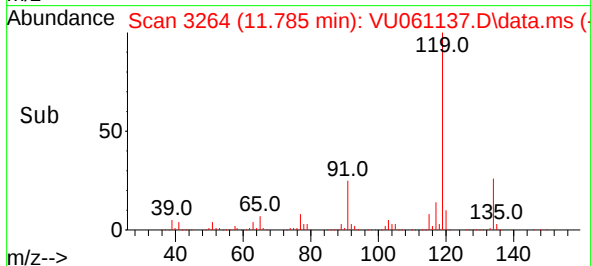
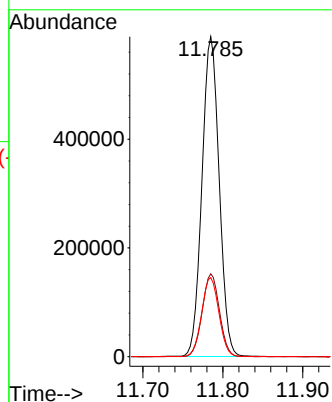
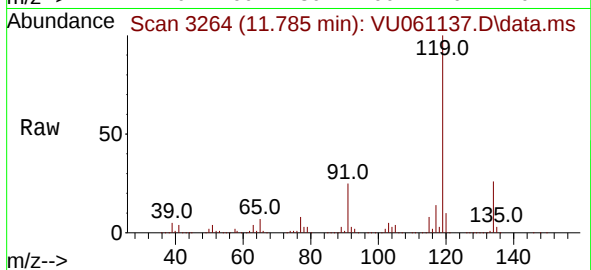
Tgt Ion:119 Resp: 882532

Ion Ratio Lower Upper

119 100

134 25.8 20.7 31.1

91 24.7 19.8 29.8



#82

1,3-Dichlorobenzene

Concen: 16.302 ug/l

RT: 11.737 min Scan# 3249

Delta R.T. -0.000 min

Lab File: VU061137.D

Acq: 16 Oct 2024 12:27

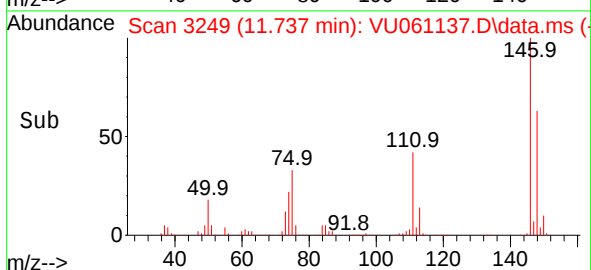
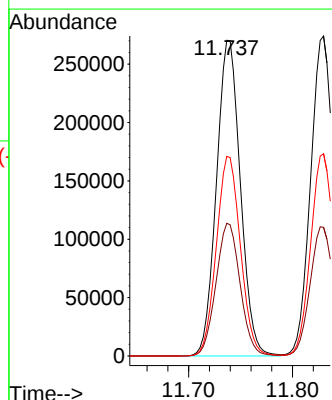
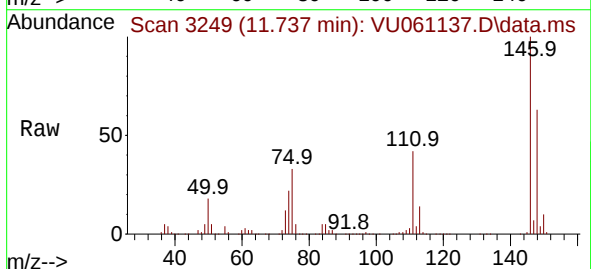
Tgt Ion:146 Resp: 433480

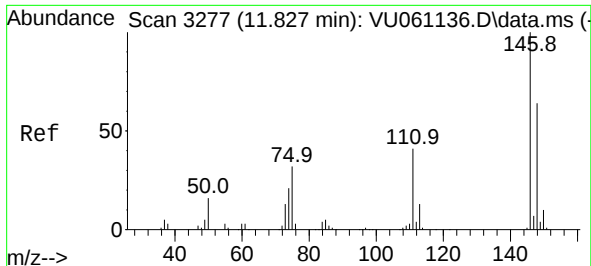
Ion Ratio Lower Upper

146 100

111 42.4 34.0 51.0

148 63.6 50.8 76.2





#83

1,4-Dichlorobenzene

Concen: 16.454 ug/l

RT: 11.830 min Scan# 3277

Delta R.T. 0.003 min

Lab File: VU061137.D

Acq: 16 Oct 2024 12:27

Instrument :

MSVOA_U

ClientSampleId :

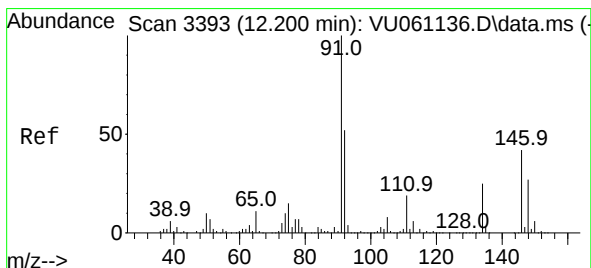
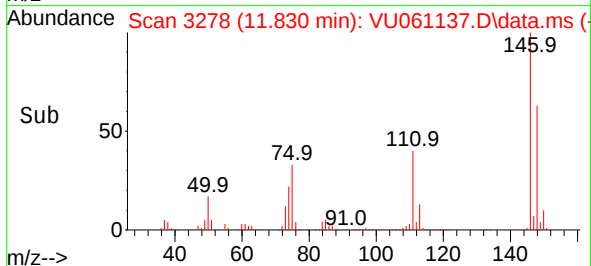
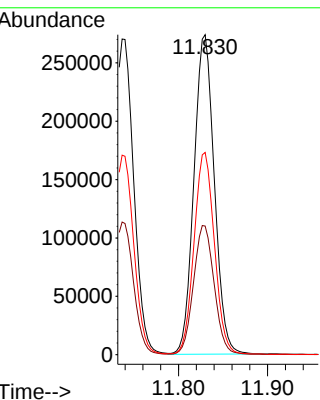
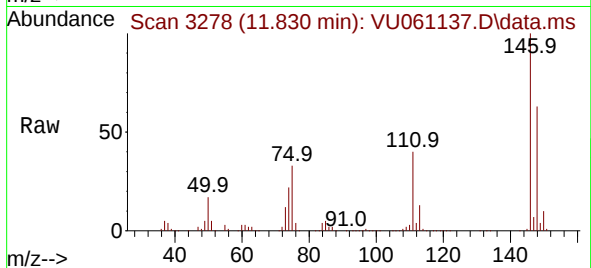
Tgt Ion:146 Resp: 434712

Ion Ratio Lower Upper

146 100

111 40.9 33.0 49.6

148 62.9 51.2 76.8



#84

n-Butylbenzene

Concen: 16.793 ug/l

RT: 12.200 min Scan# 3393

Delta R.T. -0.000 min

Lab File: VU061137.D

Acq: 16 Oct 2024 12:27

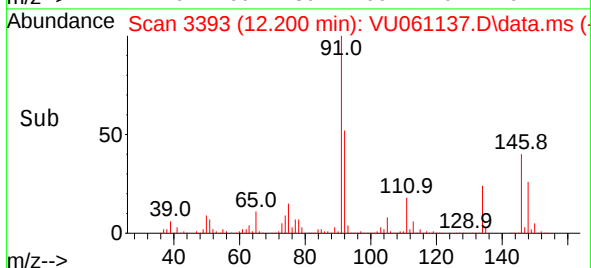
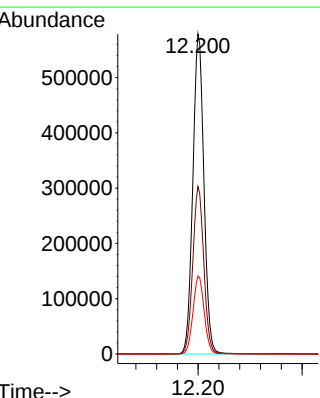
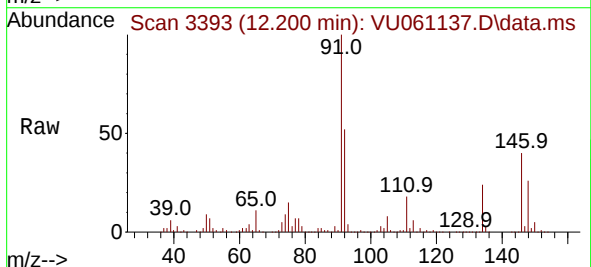
Tgt Ion: 91 Resp: 854606

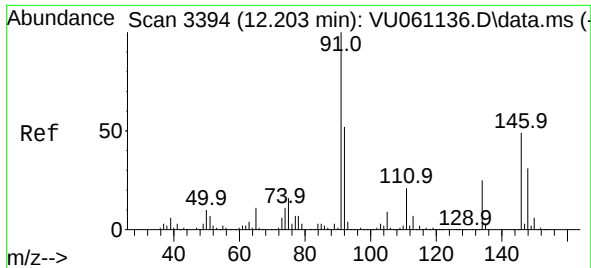
Ion Ratio Lower Upper

91 100

92 52.3 41.7 62.5

134 24.6 19.8 29.6





#85

1,2-Dichlorobenzene

Concen: 16.264 ug/l

RT: 12.203 min Scan# 3394

Delta R.T. -0.000 min

Lab File: VU061137.D

Acq: 16 Oct 2024 12:27

Instrument :

MSVOA_U

ClientSampleId :

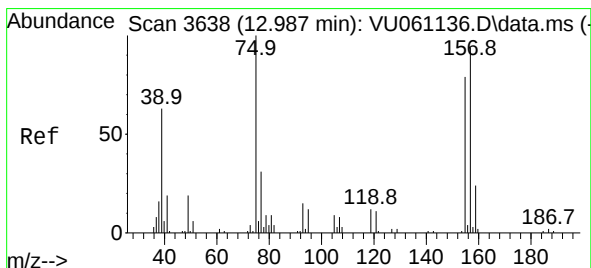
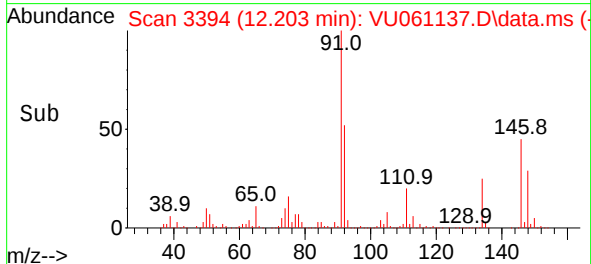
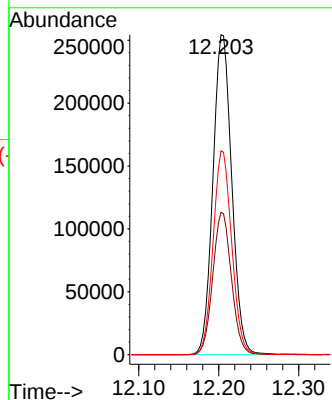
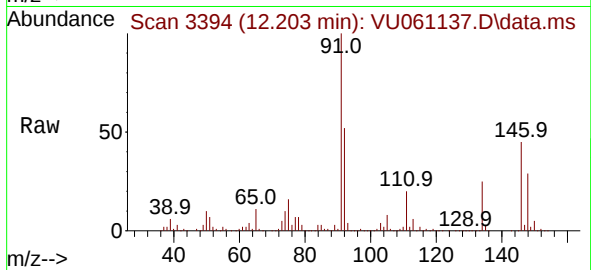
Tgt Ion:146 Resp: 416661

Ion Ratio Lower Upper

146 100

111 44.0 21.7 65.1

148 63.0 31.5 94.5



#86

1,2-Dibromo-3-Chloropropane

Concen: 17.032 ug/l

RT: 12.987 min Scan# 3638

Delta R.T. -0.000 min

Lab File: VU061137.D

Acq: 16 Oct 2024 12:27

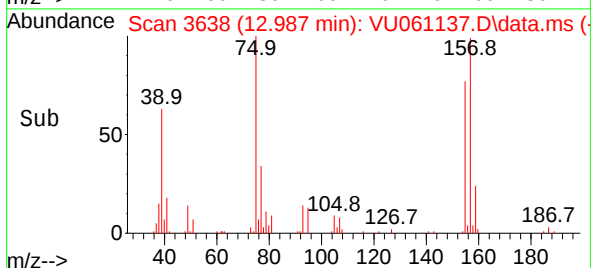
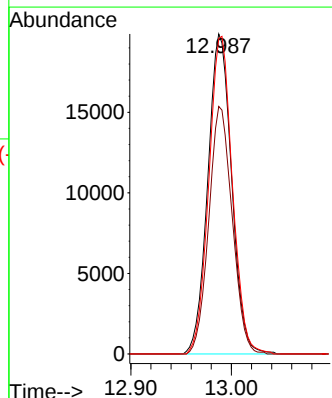
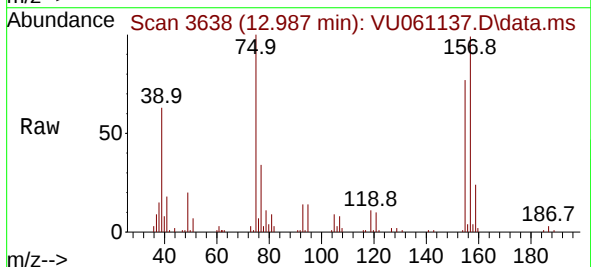
Tgt Ion: 75 Resp: 32757

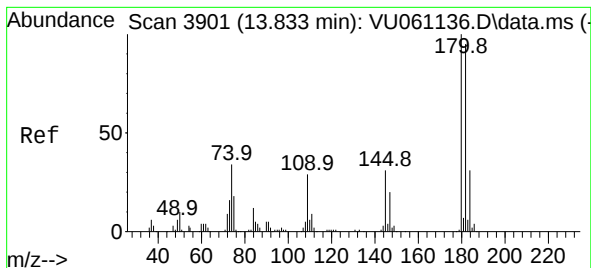
Ion Ratio Lower Upper

75 100

155 75.8 61.3 91.9

157 98.2 78.9 118.3





#87

1,2,4-Trichlorobenzene

Concen: 17.661 ug/l

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU061137.D

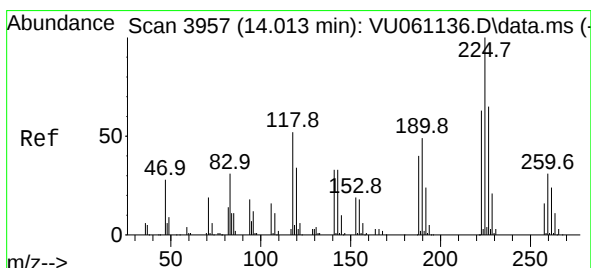
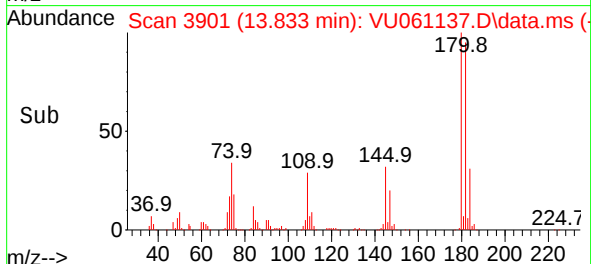
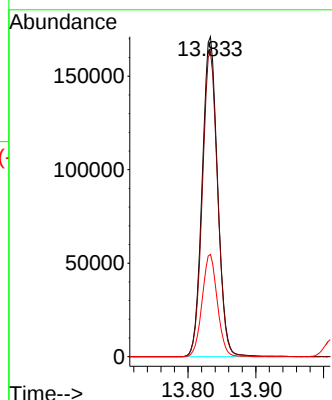
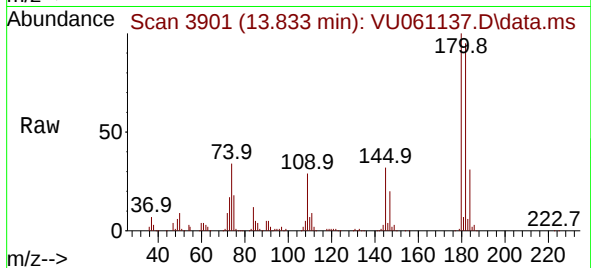
Acq: 16 Oct 2024 12:27

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180	Resp: 269996
Ion Ratio	Lower Upper
180	100
182	94.9 74.8 112.2
145	31.5 24.9 37.3



#88

Hexachlorobutadiene

Concen: 16.574 ug/l

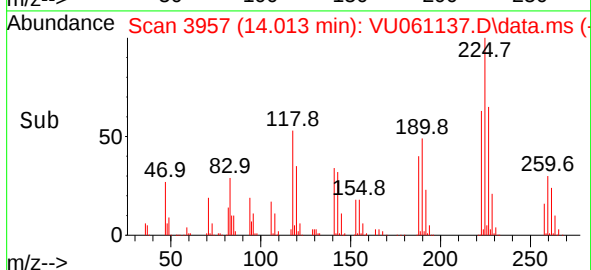
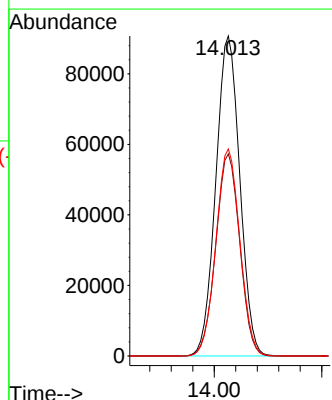
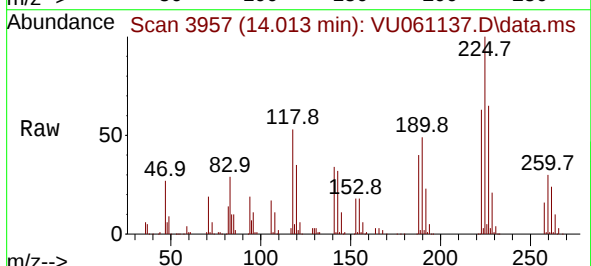
RT: 14.013 min Scan# 3957

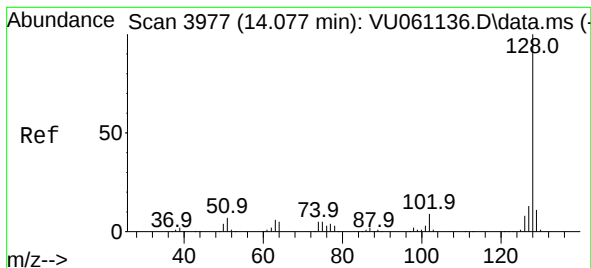
Delta R.T. -0.000 min

Lab File: VU061137.D

Acq: 16 Oct 2024 12:27

Tgt Ion:225	Resp: 140712
Ion Ratio	Lower Upper
225	100
223	62.9 51.4 77.0
227	64.7 51.2 76.8





#89

Naphthalene

Concen: 18.598 ug/l

RT: 14.077 min Scan# 3977

Delta R.T. -0.000 min

Lab File: VU061137.D

Acq: 16 Oct 2024 12:27

Instrument :

MSVOA_U

ClientSampleId :

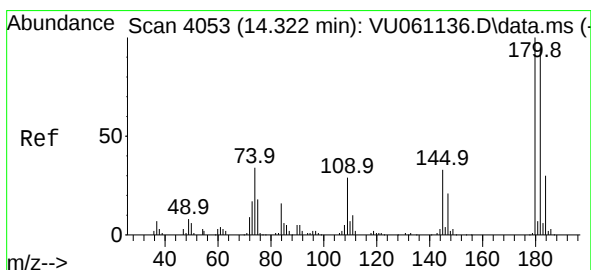
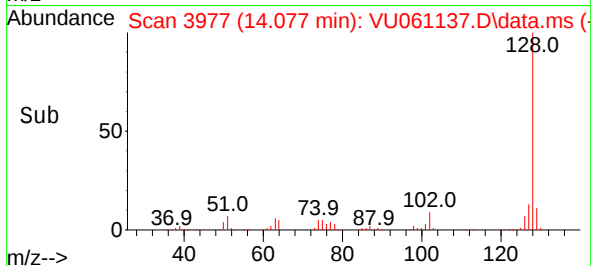
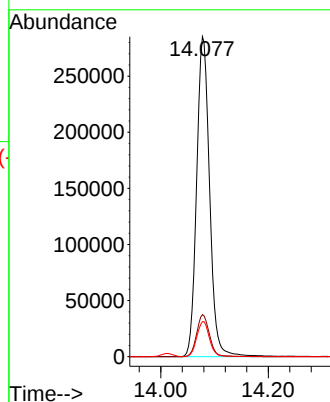
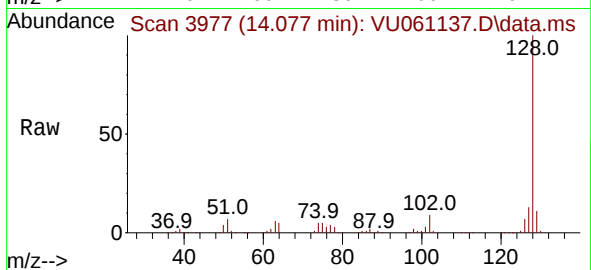
Tgt Ion:128 Resp: 477504

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

129 10.8 8.8 13.2



#90

1,2,3-Trichlorobenzene

Concen: 17.516 ug/l

RT: 14.322 min Scan# 4053

Delta R.T. -0.000 min

Lab File: VU061137.D

Acq: 16 Oct 2024 12:27

Tgt Ion:180 Resp: 226671

Ion Ratio Lower Upper

180 100

182 94.0 76.6 114.8

145 33.3 27.3 40.9

