

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090624\
 Data File : VU060645.D
 Acq On : 06 Sep 2024 16:45
 Operator : MD/SY
 Sample : VSTDICC0.5
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 07 00:38:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U090624DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Sat Sep 07 00:33:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.110	96	36489	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	10897	0.875	ug/l	0.00
Spiked Amount 1.000			Recovery	=	87.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	11927	0.888	ug/l	0.00
Spiked Amount 1.000			Recovery	=	89.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	7478	0.521	ug/l	91
3) Chloromethane	1.518	50	17517	1.093	ug/l	93
4) Vinyl Chloride	1.599	62	7466	0.468	ug/l	100
5) Bromomethane	1.856	94	5130	0.521	ug/l	92
6) Chloroethane	1.930	64	4526	0.474	ug/l	100
7) Trichlorofluoromethane	2.132	101	10395	0.526	ug/l	90
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	4570	0.440	ug/l	92
9) 1,1-Dichloroethene	2.576	96	4698	0.436	ug/l	93
10) Iodomethane	2.718	142	4838	0.308	ug/l	95
11) Allyl Chloride	2.917	41	6243	0.426	ug/l	96
12) Acrylonitrile	3.361	53	1106	0.397	ug/l #	29
13) Acetone	2.657	43	3065	0.840	ug/l #	81
14) Carbon Disulfide	2.785	76	16504	0.454	ug/l	98
15) Methylene Chloride	3.039	84	6329	0.472	ug/l	94
16) trans-1,2-Dichloroethene	3.354	96	4836	0.420	ug/l	99
17) 1,1-Dichloroethane	3.862	63	9304	0.420	ug/l	99
18) 2-Butanone	4.753	43	1021	0.248	ug/l	74
19) Cyclohexane	5.377	56	6204	0.327	ug/l	87
20) Methylcyclohexane	6.756	83	6167	0.400	ug/l	90
21) 2,2-Dichloropropane	4.656	77	8034	0.460	ug/l #	82
22) cis-1,2-Dichloroethene	4.663	96	5013	0.406	ug/l	93
23) Diethyl Ether	2.374	59	3968	0.452	ug/l	94
24) tert-Butyl Alcohol	3.264	59	404	0.380	ug/l #	91
25) Methyl tert-Butyl Ether	3.354	73	9769	0.370	ug/l	95
26) Bromochloromethane	4.972	128	2273	0.430	ug/l	93
27) Chloroform	5.081	83	10026	0.459	ug/l	97
28) 1,1,1-Trichloroethane	5.309	97	8731	0.475	ug/l	95
29) 1,1-Dichloropropene	5.525	75	6317	0.428	ug/l	93
30) Carbon Tetrachloride	5.515	117	7605	0.500	ug/l	99
31) Isopropyl Ether	3.988	45	11574	0.362	ug/l	98
32) Ethyl-t-butyl ether	4.499	59	10671	0.344	ug/l	98
33) Tert-Amyl methyl ether	5.936	73	8969	0.395	ug/l	95
34) Propionitrile	4.772	54	20	0.018	ug/l #	8
35) Benzene	5.769	78	19974	0.446	ug/l	97
36) 1,2-Dichloroethane	5.795	62	6085	0.481	ug/l #	90
37) Trichloroethene	6.537	130	5273	0.472	ug/l	89
38) 1,2-Dichloropropane	6.788	63	5315	0.440	ug/l	93
39) Methacrylonitrile	5.007	41	741	0.185	ug/l #	68
40) Methyl acrylate	4.817	55	42	0.006	ug/l #	71
41) Tetrahydrofuran	5.068	42	1117	0.507	ug/l #	3
42) 1-Chlorobutane	5.454	56	8407	0.416	ug/l	92
43) Dibromomethane	6.920	93	2787	0.456	ug/l	96
44) Bromodichloromethane	7.100	83	6872	0.465	ug/l #	91

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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Sat Sep 07 00:33:26 2024
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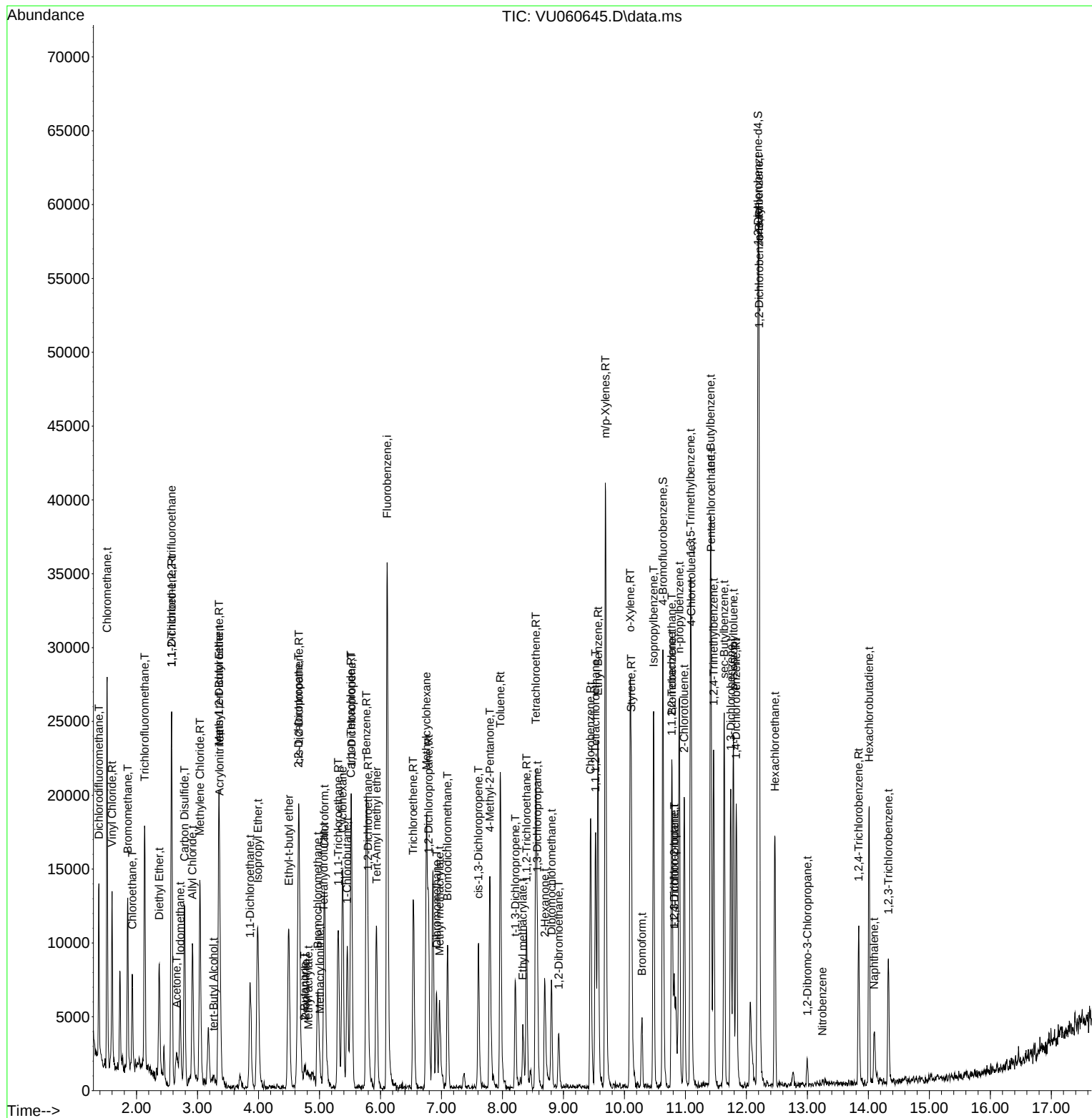
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.795	43	10973	1.885	ug/l	93
46) t-1,4-Dichloro-2-butene	10.817	75	2971	0.921	ug/l #	25
47) Methyl methacrylate	6.968	69	3481	0.702	ug/l	95
48) Ethyl methacrylate	8.335	69	3151	0.370	ug/l	99
49) Toluene	7.965	92	10253	0.413	ug/l	99
50) t-1,3-Dichloropropene	8.209	75	4697	0.382	ug/l	92
51) cis-1,3-Dichloropropene	7.608	75	6685	0.452	ug/l #	89
52) 1,1,2-Trichloroethane	8.396	97	3683	0.414	ug/l	92
53) 1,3-Dichloropropane	8.573	76	5799	0.404	ug/l	97
54) 2-Hexanone	8.695	43	5954	1.267	ug/l	90
55) Dibromochloromethane	8.804	129	3788	0.380	ug/l	90
56) 1,2-Dibromoethane	8.923	107	3065	0.384	ug/l	100
58) Tetrachloroethene	8.550	164	5181	0.512	ug/l	90
59) Chlorobenzene	9.444	112	11452	0.422	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.524	131	4811	0.452	ug/l	93
61) Pentachloroethane	11.421	117	3579	0.401	ug/l	90
62) Hexachloroethane	12.466	117	3156	0.363	ug/l	89
63) Ethyl Benzene	9.566	91	17126	0.403	ug/l	95
64) m/p-Xylenes	9.688	106	12667	0.752	ug/l	99
65) o-Xylene	10.097	106	6306	0.389	ug/l	100
66) Styrene	10.113	104	9363	0.350	ug/l	99
67) Bromoform	10.286	173	2097	0.360	ug/l #	98
69) Isopropylbenzene	10.479	105	16471	0.397	ug/l	97
70) 1,1,2,2-Tetrachloroethane	10.775	83	4240	0.361	ug/l #	94
71) 1,2,3-Trichloropropane	10.817	75	2971	0.345	ug/l #	95
72) Bromobenzene	10.778	156	4857	0.439	ug/l	92
73) n-propylbenzene	10.901	120	4264	0.370	ug/l	96
74) 2-Chlorotoluene	10.981	126	4166	0.387	ug/l	94
75) 1,3,5-Trimethylbenzene	11.084	105	13158	0.364	ug/l	95
76) 4-Chlorotoluene	11.097	126	4404	0.394	ug/l	84
77) tert-Butylbenzene	11.415	119	14491	0.410	ug/l	97
78) 1,2,4-Trimethylbenzene	11.463	105	13176	0.356	ug/l	98
79) sec-Butylbenzene	11.634	105	17204	0.368	ug/l	100
80) Nitrobenzene	13.248	77	254	0.510	ug/l #	39
81) p-Isopropyltoluene	11.788	119	12951	0.340	ug/l	96
82) 1,3-Dichlorobenzene	11.746	146	9191	0.400	ug/l	99
83) 1,4-Dichlorobenzene	11.833	146	9569	0.420	ug/l	93
84) n-Butylbenzene	12.206	91	13190	0.359	ug/l	98
85) 1,2-Dichlorobenzene	12.209	146	8707	0.392	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	13.000	75	597	0.347	ug/l #	86
87) 1,2,4-Trichlorobenzene	13.843	180	3999	0.314	ug/l	90
88) Hexachlorobutadiene	14.013	225	3718	0.448	ug/l	97
89) Naphthalene	14.093	128	4542	0.208	ug/l #	85
90) 1,2,3-Trichlorobenzene	14.328	180	3379	0.277	ug/l	94

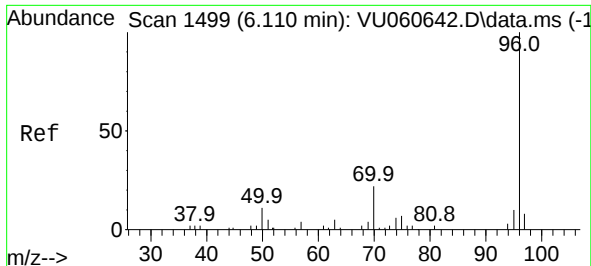
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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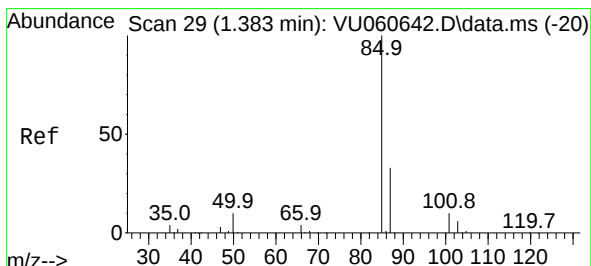
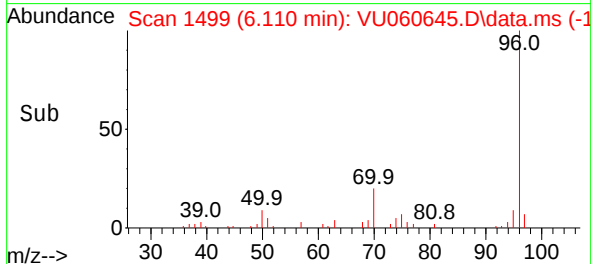
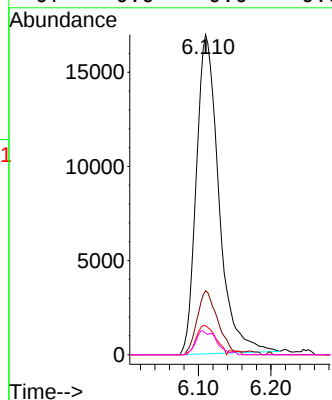
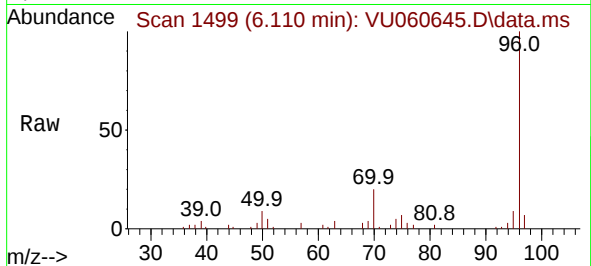




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 1499
Delta R.T. -0.000 min
Lab File: VU060645.D
Acq: 06 Sep 2024 16:45

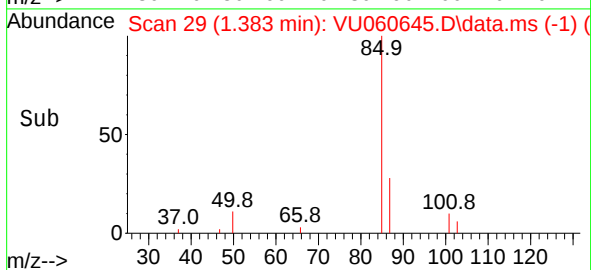
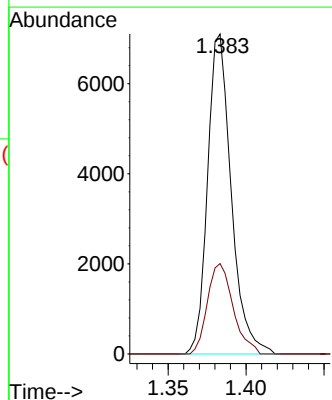
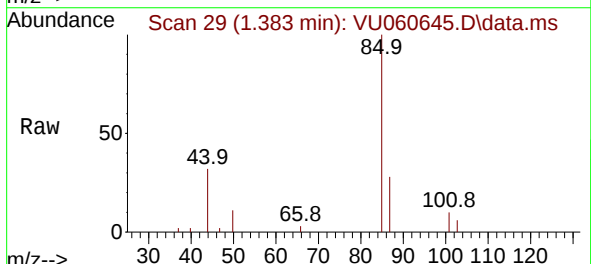
Instrument :
MSVOA_U
ClientSampleId :

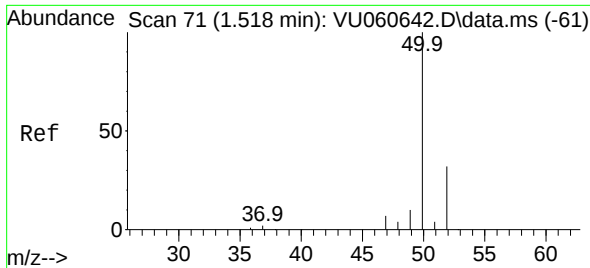
Tgt Ion:	96	Resp:	36489
Ion Ratio	Lower	Upper	
96	100		
70	17.5	16.5	24.7
95	7.8	7.7	11.5
97	6.9	0.0	0.0#



#2
Dichlorodifluoromethane
Concen: 0.521 ug/l
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU060645.D
Acq: 06 Sep 2024 16:45

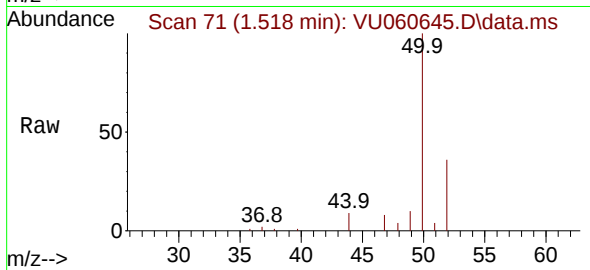
Tgt Ion:	85	Resp:	7478
Ion Ratio	Lower	Upper	
85	100		
87	28.3	16.6	49.8



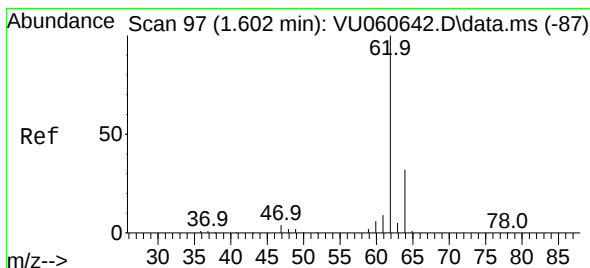
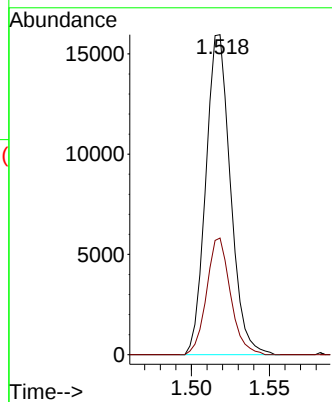
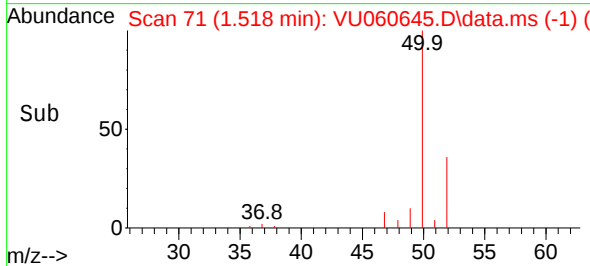


#3
Chloromethane
Concen: 1.093 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU060645.D
Acq: 06 Sep 2024 16:45

Instrument :
MSVOA_U
ClientSampleId :

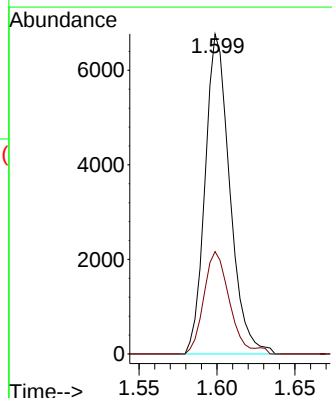
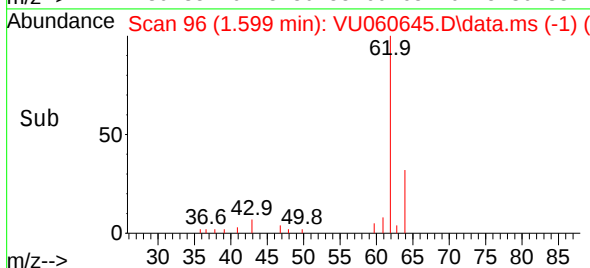
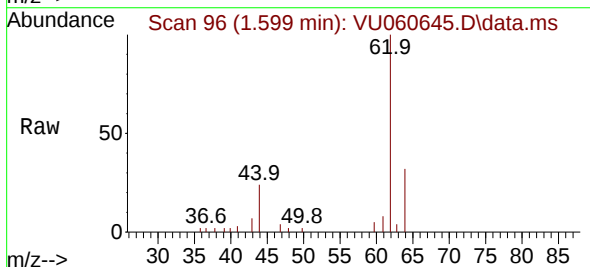


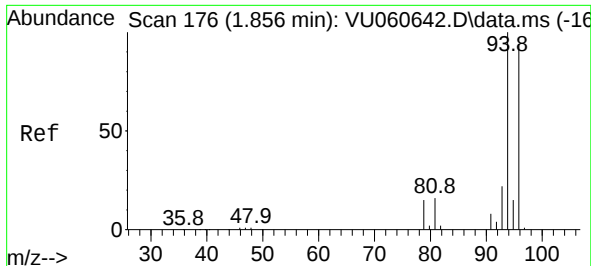
Tgt Ion: 50 Resp: 17517
Ion Ratio Lower Upper
50 100
52 36.5 25.8 38.8



#4
Vinyl Chloride
Concen: 0.468 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.003 min
Lab File: VU060645.D
Acq: 06 Sep 2024 16:45

Tgt Ion: 62 Resp: 7466
Ion Ratio Lower Upper
62 100
64 32.0 25.5 38.3

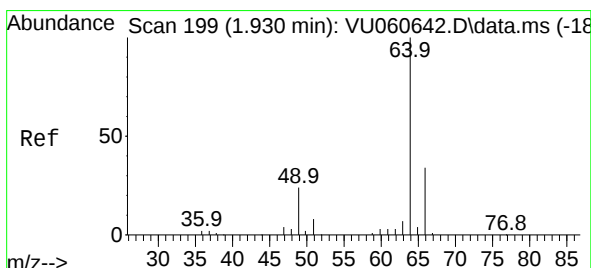
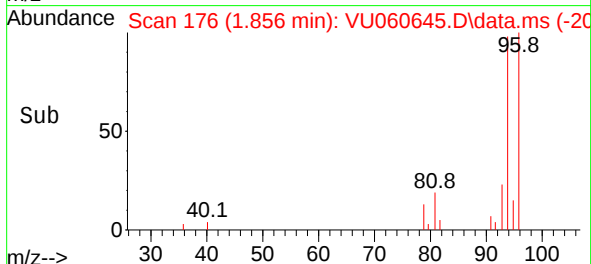
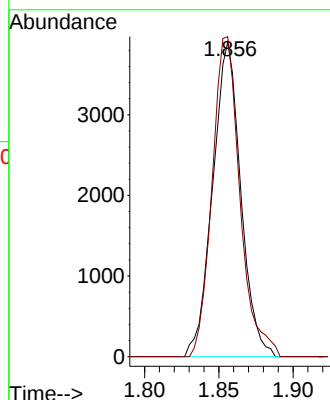
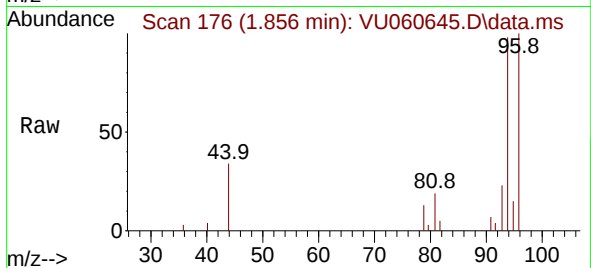




#5
Bromomethane
Concen: 0.521 ug/l
RT: 1.856 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU060645.D
Acq: 06 Sep 2024 16:45

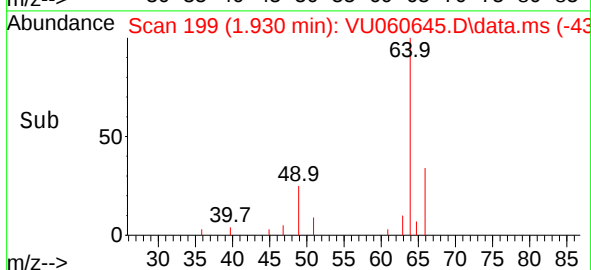
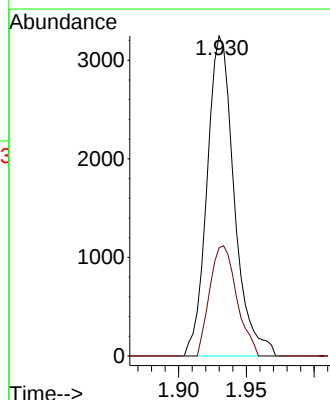
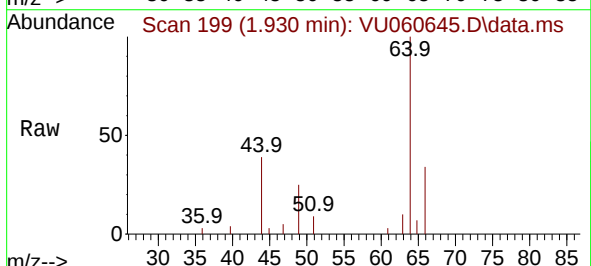
Instrument :
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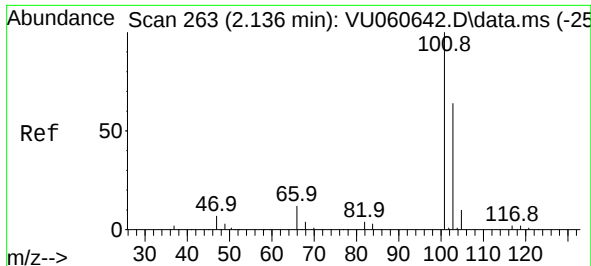
Tgt Ion: 94 Resp: 5130
Ion Ratio Lower Upper
94 100
96 101.8 75.3 112.9



#6
Chloroethane
Concen: 0.474 ug/l
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU060645.D
Acq: 06 Sep 2024 16:45

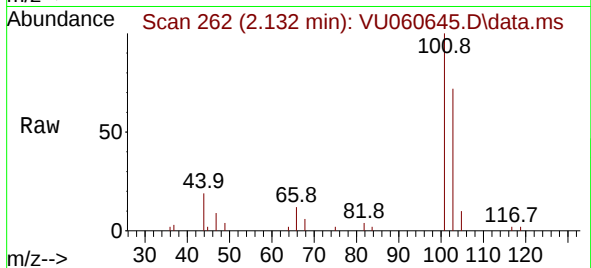
Tgt Ion: 64 Resp: 4526
Ion Ratio Lower Upper
64 100
66 33.8 27.0 40.4



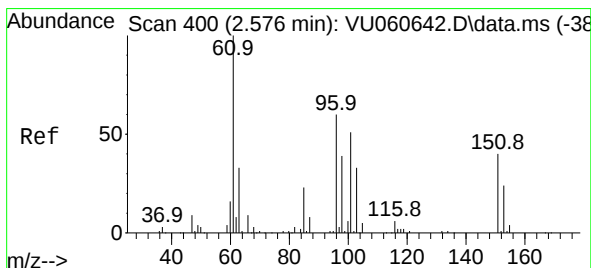
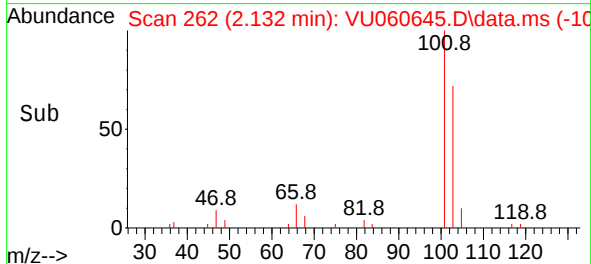
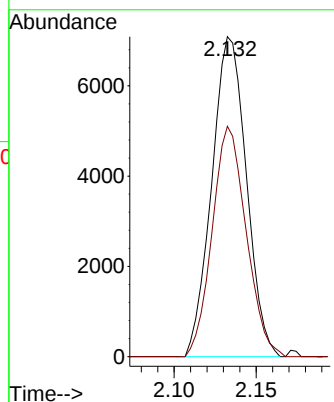


#7
 Trichlorofluoromethane
 Concen: 0.526 ug/l
 RT: 2.132 min Scan# 210
 Delta R.T. -0.003 min
 Lab File: VU060645.D
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Instrument :
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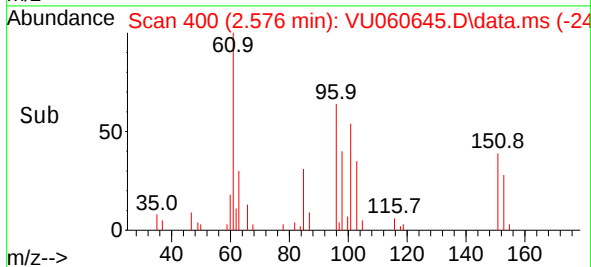
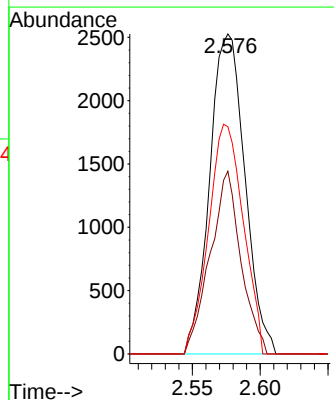
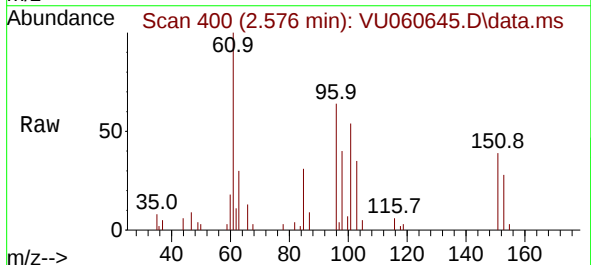


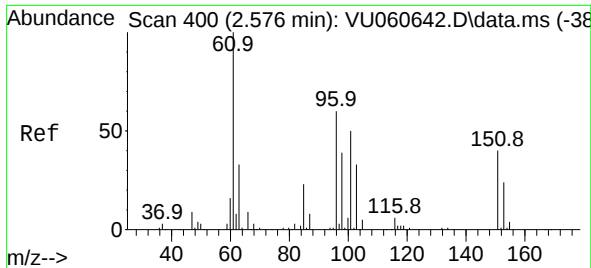
Tgt Ion:101 Resp: 10395
 Ion Ratio Lower Upper
 101 100
 103 72.0 51.6 77.4



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.440 ug/l
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU060645.D
 Acq: 06 Sep 2024 16:45

Tgt Ion:101 Resp: 4570
 Ion Ratio Lower Upper
 101 100
 85 50.0 36.2 54.2
 151 70.7 62.2 93.4

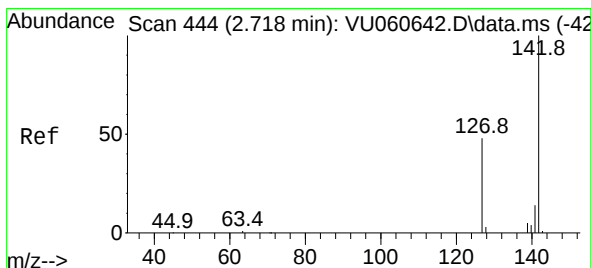
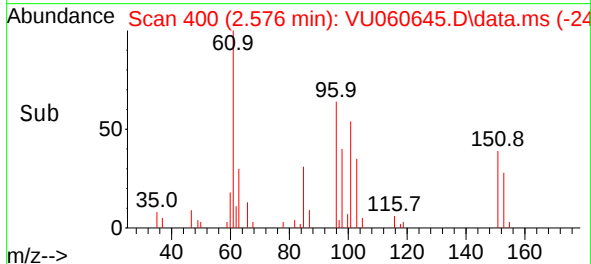
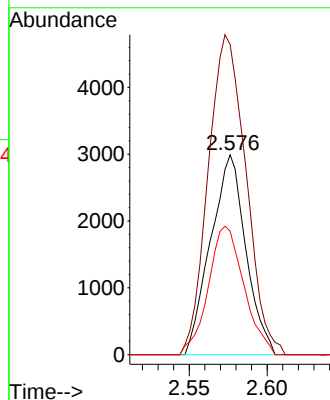
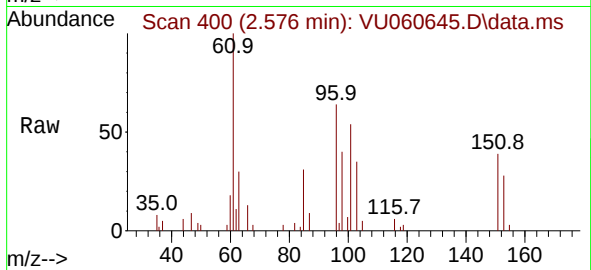




#9
1,1-Dichloroethene
Concen: 0.436 ug/l
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU060645.D
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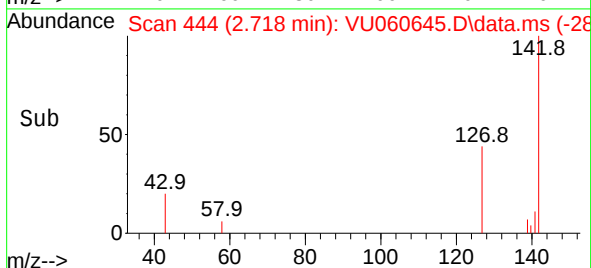
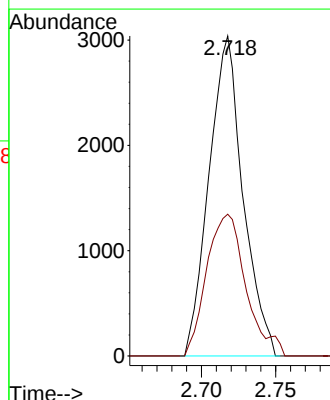
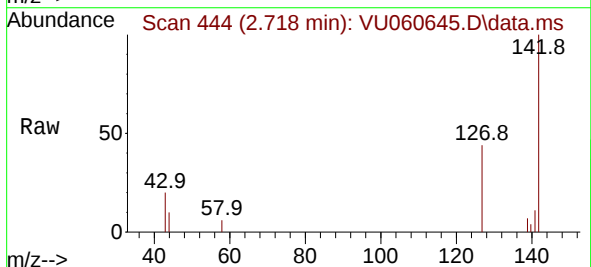
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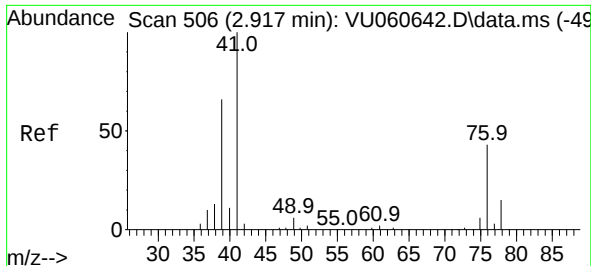
Tgt Ion:	96	Resp:	4698
Ion	Ratio	Lower	Upper
96	100		
61	155.2	0.0	501.0
98	61.8	0.0	128.8



#10
Iodomethane
Concen: 0.308 ug/l
RT: 2.718 min Scan# 444
Delta R.T. 0.000 min
Lab File: VU060645.D
Acq: 06 Sep 2024 16:45

Tgt Ion:	142	Resp:	4838
Ion	Ratio	Lower	Upper
142	100		
127	51.2	38.5	57.7





#11

Allyl Chloride

Concen: 0.426 ug/l

RT: 2.917 min Scan# 506

Delta R.T. 0.000 min

Lab File: VU060645.D

Acq: 06 Sep 2024 16:45

Instrument :

MSVOA_U

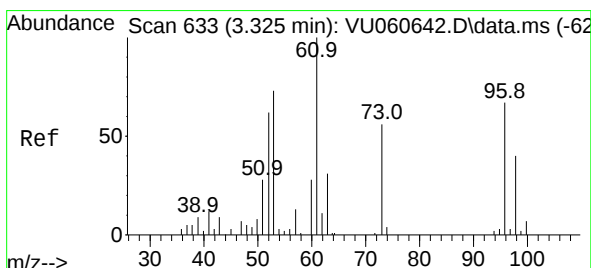
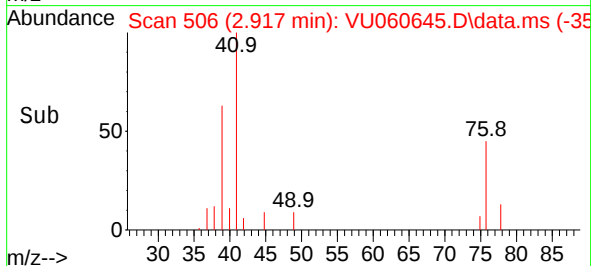
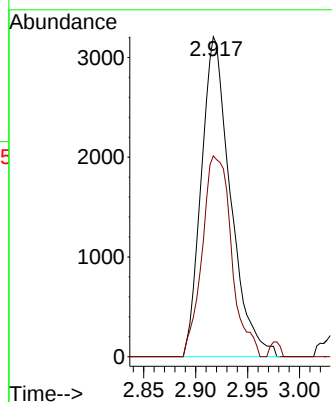
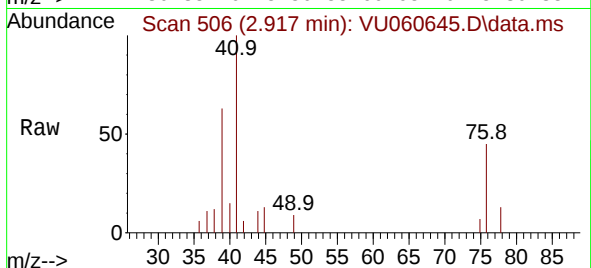
ClientSampleId :

Tgt Ion: 41 Resp: 6243

Ion Ratio Lower Upper

41 100

39 63.2 53.4 80.0



#12

Acrylonitrile

Concen: 0.397 ug/l

RT: 3.361 min Scan# 644

Delta R.T. 0.035 min

Lab File: VU060645.D

Acq: 06 Sep 2024 16:45

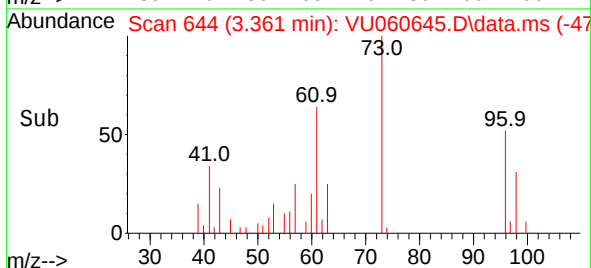
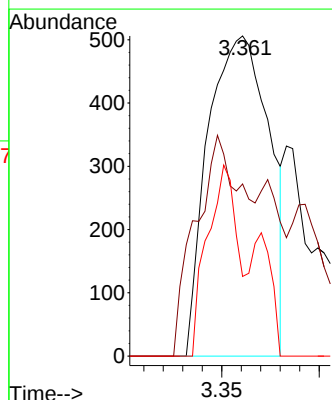
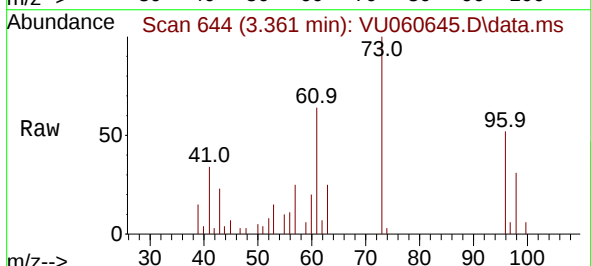
Tgt Ion: 53 Resp: 1106

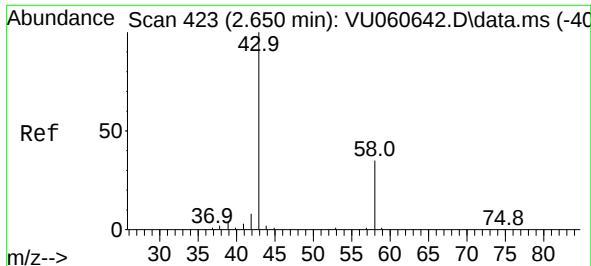
Ion Ratio Lower Upper

53 100

52 0.0 56.6 84.8#

51 11.3 27.0 40.4#





#13

Acetone

Concen: 0.840 ug/l

RT: 2.657 min Scan# 41

Delta R.T. 0.006 min

Lab File: VU060645.D

Acq: 06 Sep 2024 16:45

Instrument :

MSVOA_U

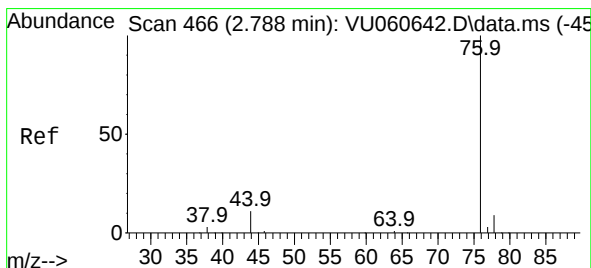
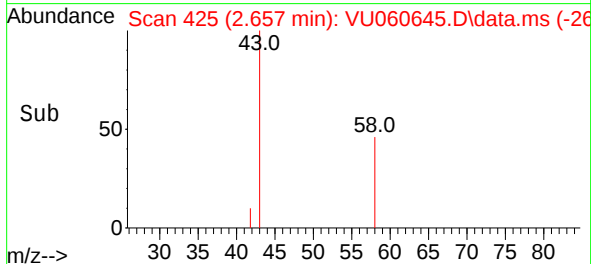
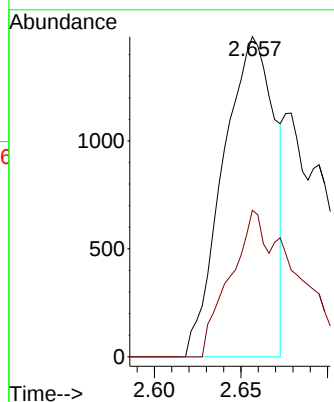
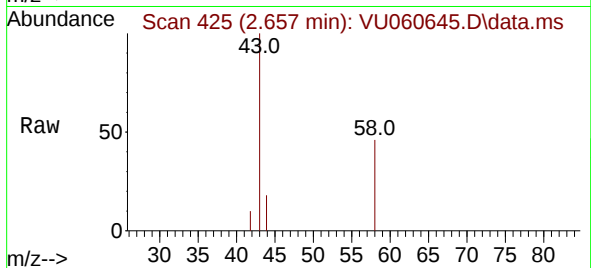
ClientSampleId :

Tgt Ion: 43 Resp: 3065

Ion Ratio Lower Upper

43 100

58 45.8 27.7 41.5#



#14

Carbon Disulfide

Concen: 0.454 ug/l

RT: 2.785 min Scan# 465

Delta R.T. -0.003 min

Lab File: VU060645.D

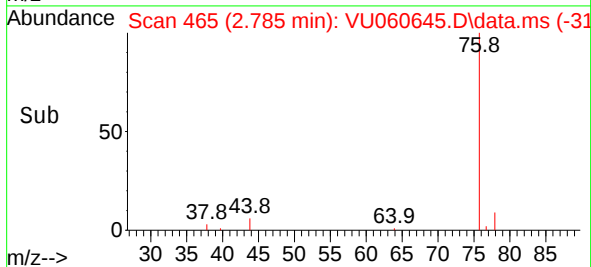
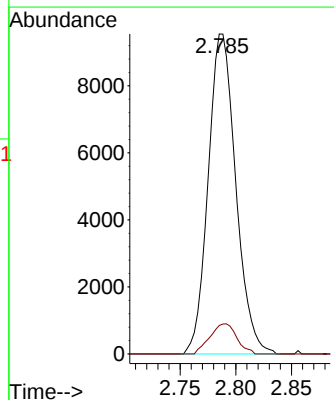
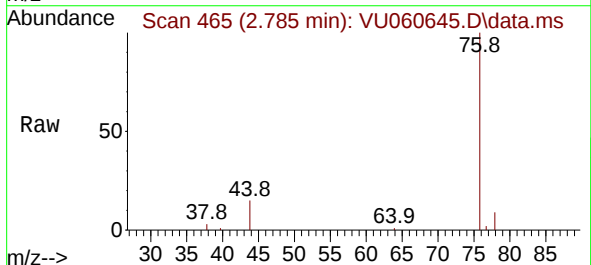
Acq: 06 Sep 2024 16:45

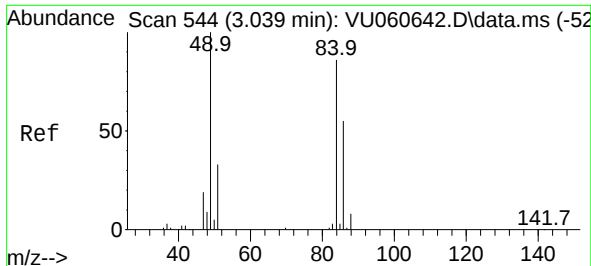
Tgt Ion: 76 Resp: 16504

Ion Ratio Lower Upper

76 100

78 8.8 7.4 11.2





#15

Methylene Chloride

Concen: 0.472 ug/l

RT: 3.039 min Scan# 544

Delta R.T. 0.000 min

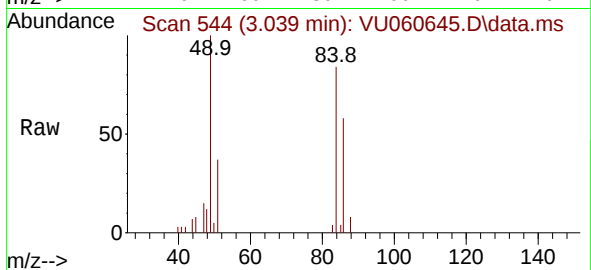
Lab File: VU060645.D

Acq: 06 Sep 2024 16:45

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 84 Resp: 6329

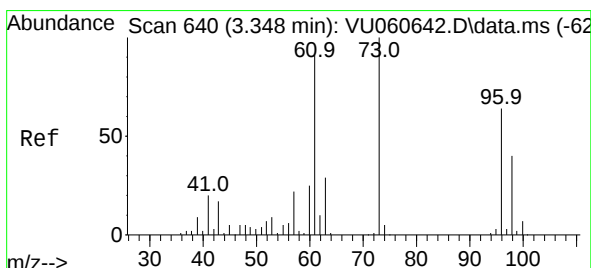
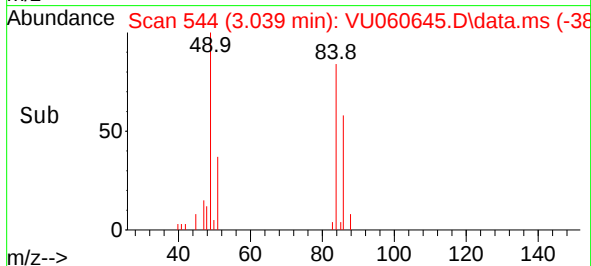
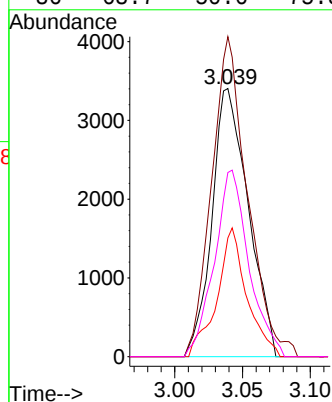
Ion Ratio Lower Upper

84 100

49 119.4 92.8 139.2

51 44.3 0.0 75.4

86 68.7 50.6 75.8



#16

trans-1,2-Dichloroethene

Concen: 0.420 ug/l

RT: 3.354 min Scan# 642

Delta R.T. 0.006 min

Lab File: VU060645.D

Acq: 06 Sep 2024 16:45

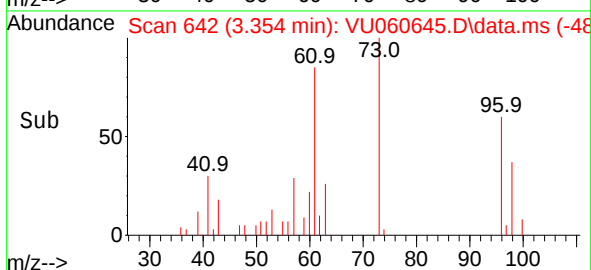
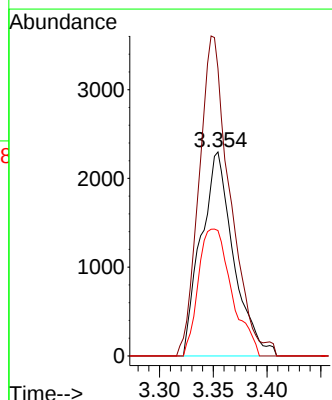
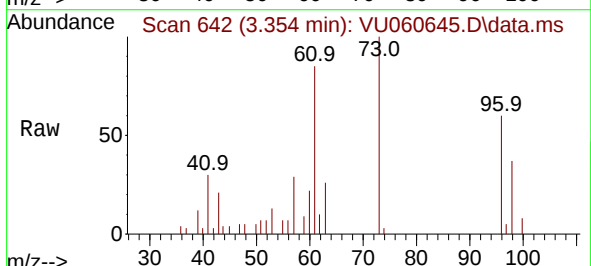
Tgt Ion: 96 Resp: 4836

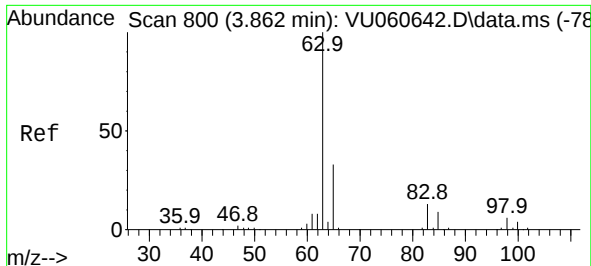
Ion Ratio Lower Upper

96 100

61 140.9 113.3 169.9

98 61.5 50.0 75.0

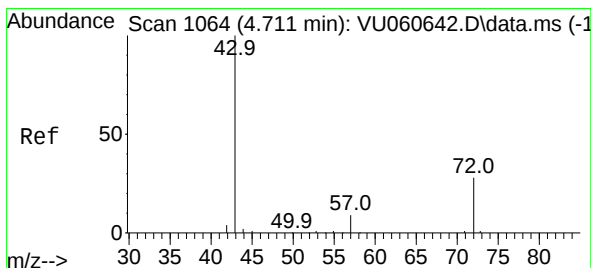
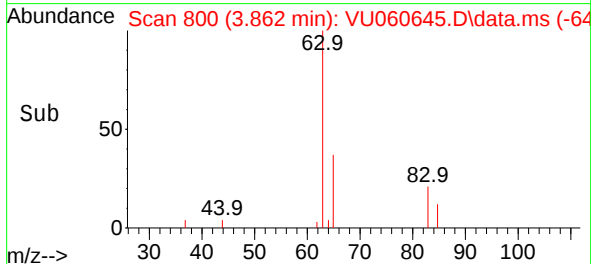
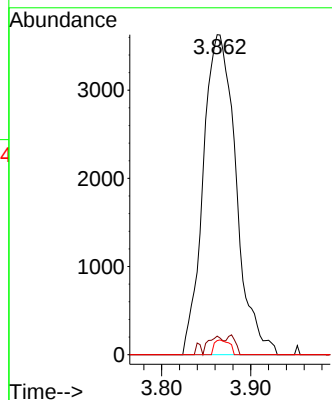
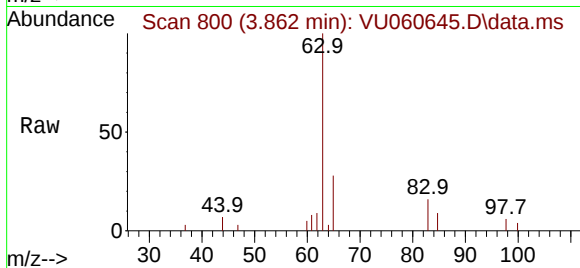




#17
1,1-Dichloroethane
Concen: 0.420 ug/l
RT: 3.862 min Scan# 800
Delta R.T. 0.000 min
Lab File: VU060645.D
Acq: 06 Sep 2024 16:45

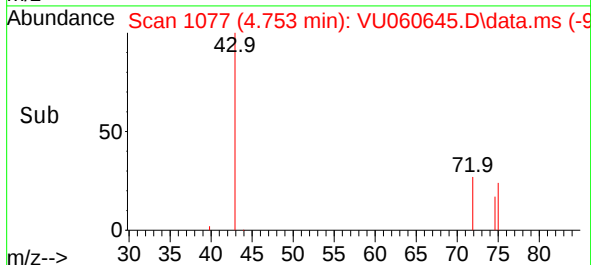
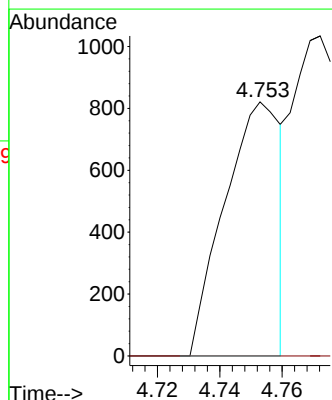
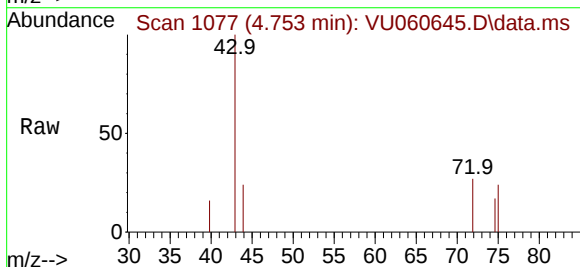
Instrument :
MSVOA_U
ClientSampleId :

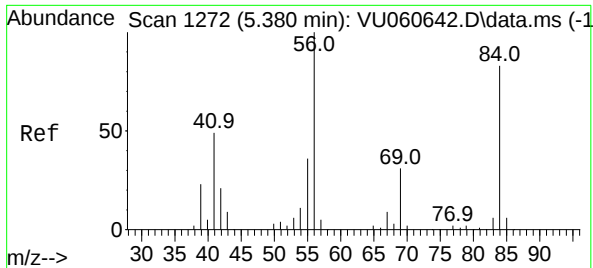
Tgt Ion	Ratio	Lower	Upper
63	100		
98	5.8	3.1	9.4
100	4.4	2.1	6.5



#18
2-Butanone
Concen: 0.248 ug/l
RT: 4.753 min Scan# 1077
Delta R.T. 0.042 min
Lab File: VU060645.D
Acq: 06 Sep 2024 16:45

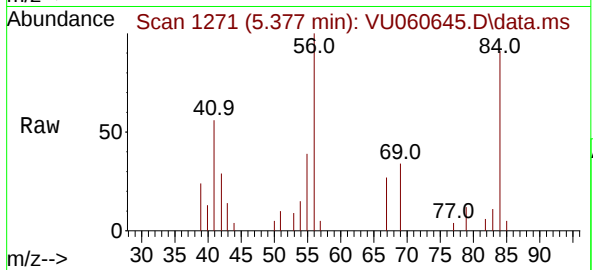
Tgt Ion	Ratio	Lower	Upper
43	100		
57	0.0	0.0	18.8



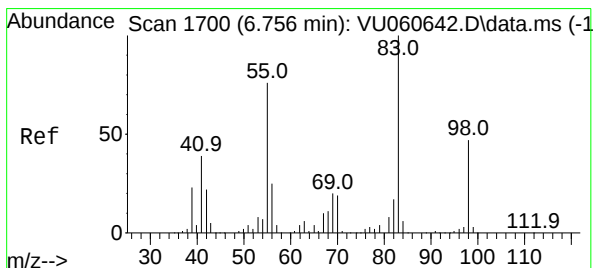
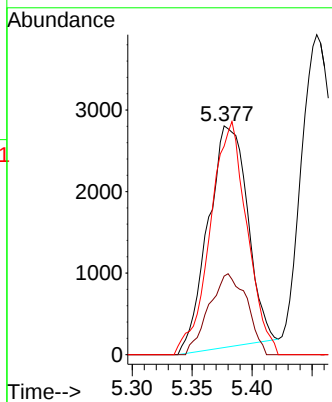
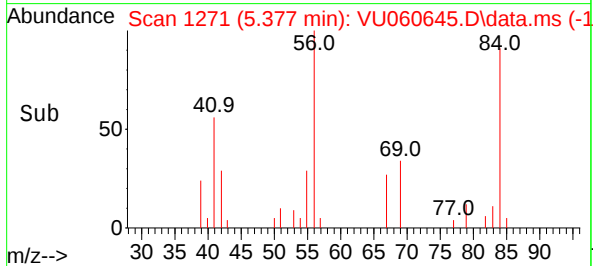


#19
Cyclohexane
Concen: 0.327 ug/l
RT: 5.377 min Scan# 1271
Delta R.T. -0.003 min
Lab File: VU060645.D
Acq: 06 Sep 2024 16:45

Instrument :
MSVOA_U
ClientSampleId :

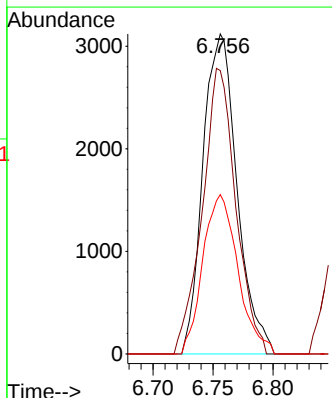
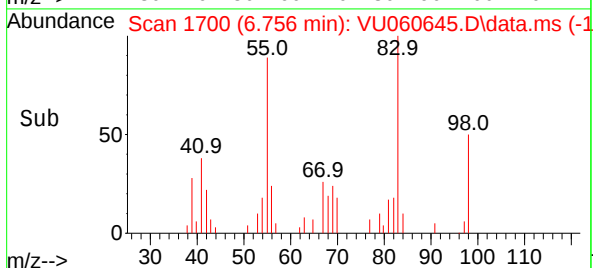
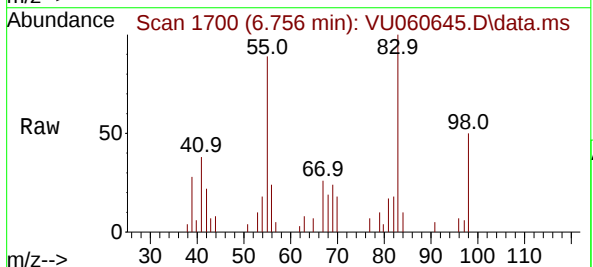


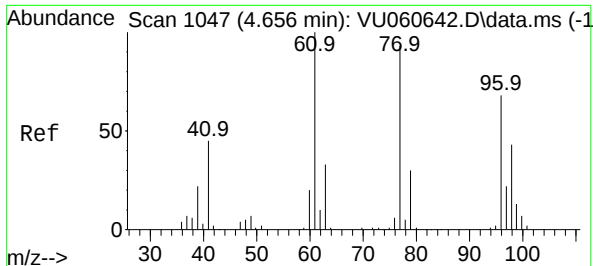
Tgt Ion:	56	Resp:	6204
Ion Ratio	Lower	Upper	
56	100		
69	35.1	24.7	37.1
84	98.3	67.6	101.4



#20
Methylcyclohexane
Concen: 0.400 ug/l
RT: 6.756 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VU060645.D
Acq: 06 Sep 2024 16:45

Tgt Ion:	83	Resp:	6167
Ion Ratio	Lower	Upper	
83	100		
55	87.6	61.6	92.4
98	51.3	37.3	55.9

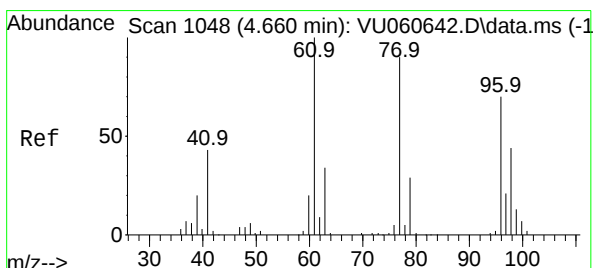
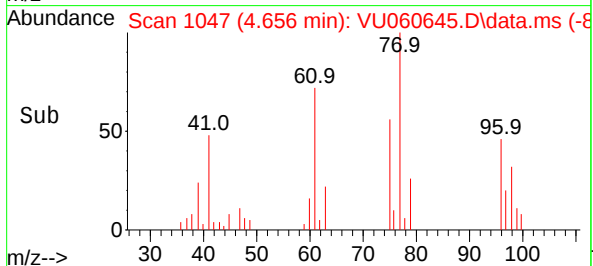
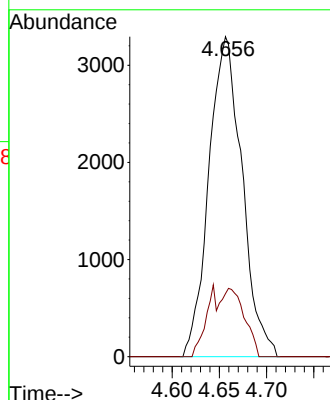
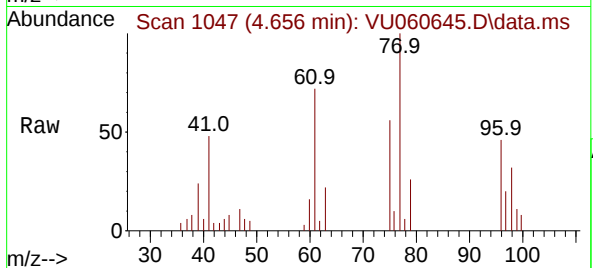




#21
2,2-Dichloropropane
Concen: 0.460 ug/l
RT: 4.656 min Scan# 1047
Delta R.T. 0.000 min
Lab File: VU060645.D
Acq: 06 Sep 2024 16:45

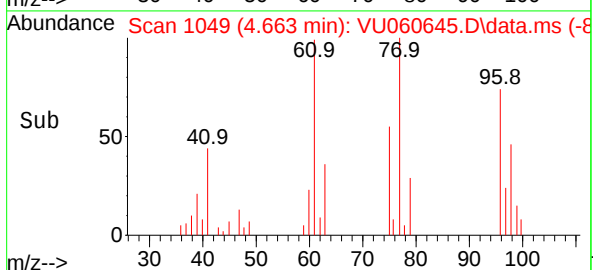
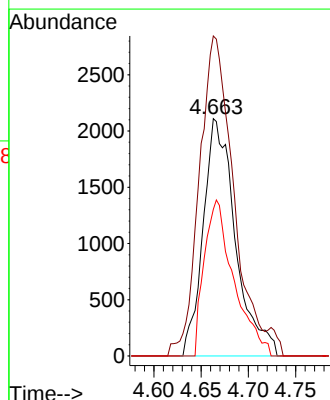
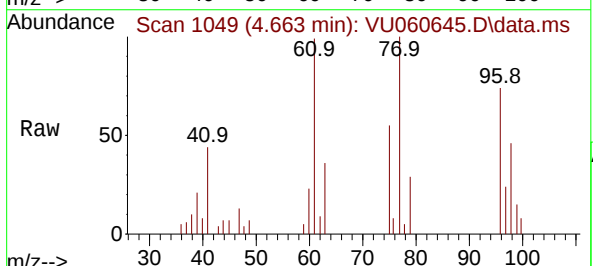
Instrument :
MSVOA_U
ClientSampleId :

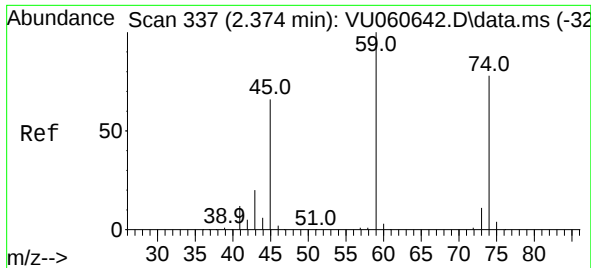
Tgt Ion: 77 Resp: 8034
Ion Ratio Lower Upper
77 100
97 14.1 18.3 27.5#



#22
cis-1,2-Dichloroethene
Concen: 0.406 ug/l
RT: 4.663 min Scan# 1049
Delta R.T. 0.003 min
Lab File: VU060645.D
Acq: 06 Sep 2024 16:45

Tgt Ion: 96 Resp: 5013
Ion Ratio Lower Upper
96 100
61 141.7 0.0 374.5
98 60.2 32.8 98.4





#23

Diethyl Ether

Concen: 0.452 ug/l

RT: 2.374 min Scan# 337

Delta R.T. 0.000 min

Lab File: VU060645.D

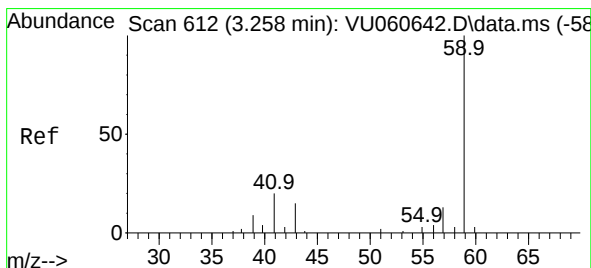
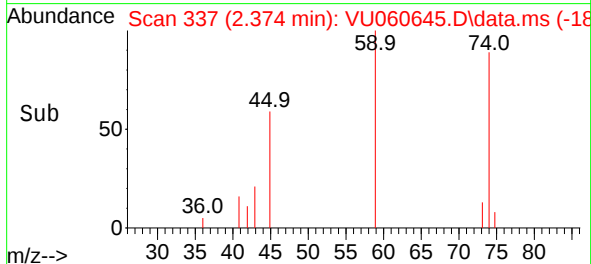
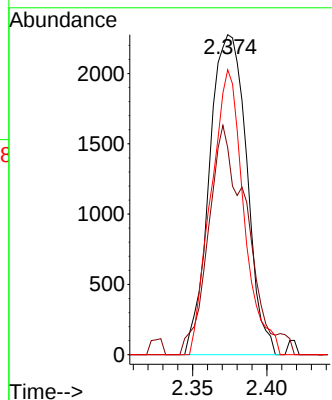
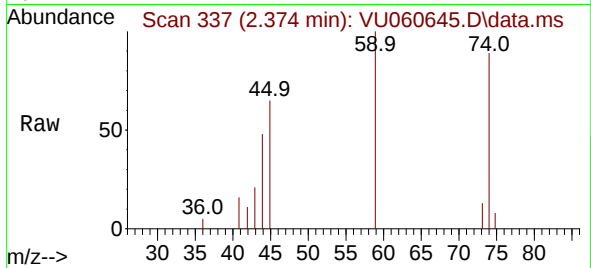
Acq: 06 Sep 2024 16:45

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	59	Resp:	3968
Ion	Ratio	Lower	Upper
59	100		
45	74.2	53.0	79.4
74	78.6	61.6	92.4



#24

tert-Butyl Alcohol

Concen: 0.380 ug/l

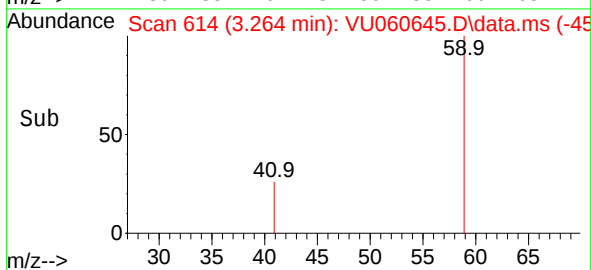
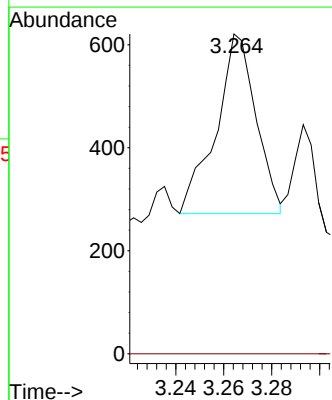
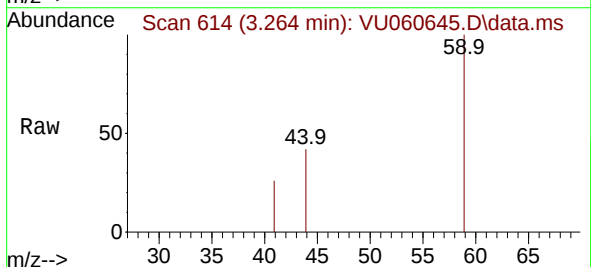
RT: 3.264 min Scan# 614

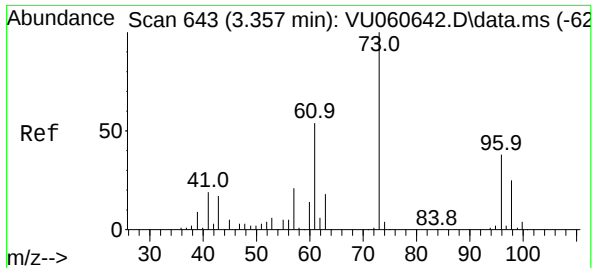
Delta R.T. 0.006 min

Lab File: VU060645.D

Acq: 06 Sep 2024 16:45

Tgt Ion:	59	Resp:	404
Ion	Ratio	Lower	Upper
59	100		
57	0.0	2.4	3.6#





#25

Methyl tert-Butyl Ether

Concen: 0.370 ug/l

RT: 3.354 min Scan# 64

Delta R.T. -0.003 min

Lab File: VU060645.D

Acq: 06 Sep 2024 16:45

Instrument :

MSVOA_U

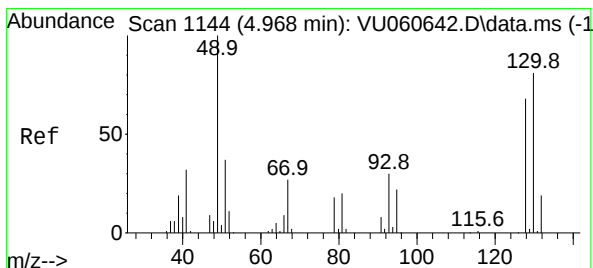
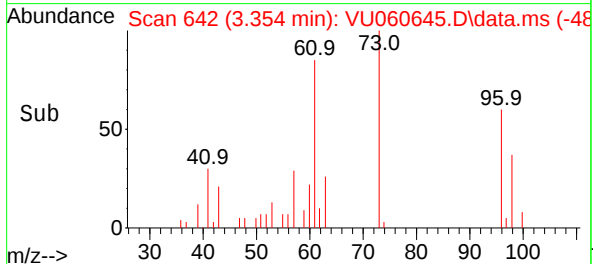
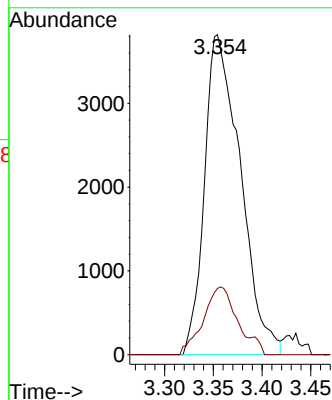
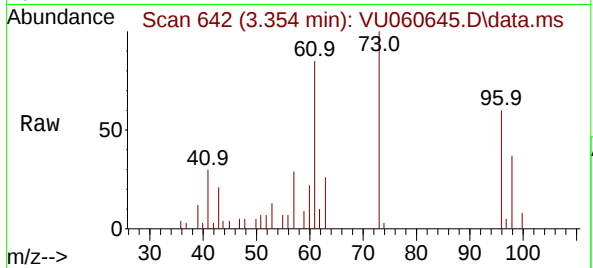
ClientSampleId :

Tgt Ion: 73 Resp: 9769

Ion Ratio Lower Upper

73 100

43 20.3 14.4 21.6



#26

Bromochloromethane

Concen: 0.430 ug/l

RT: 4.972 min Scan# 1145

Delta R.T. 0.003 min

Lab File: VU060645.D

Acq: 06 Sep 2024 16:45

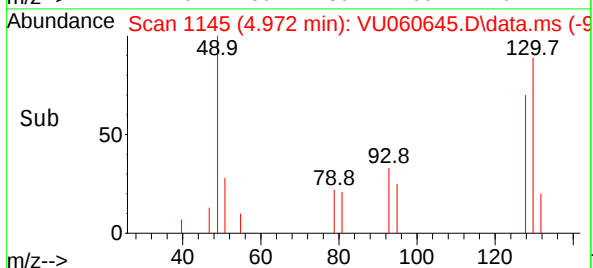
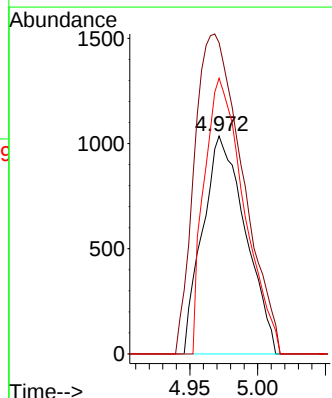
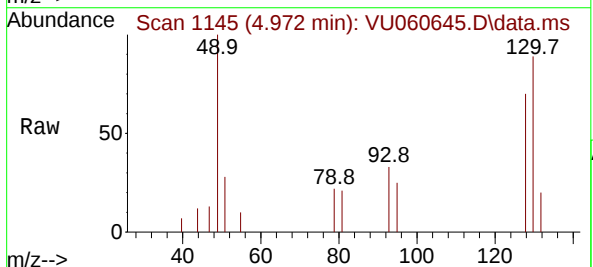
Tgt Ion: 128 Resp: 2273

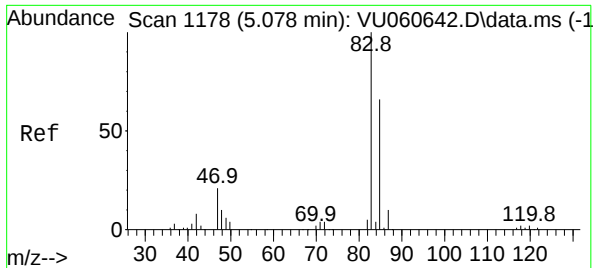
Ion Ratio Lower Upper

128 100

49 165.0 0.0 315.6

130 117.8 101.6 152.4

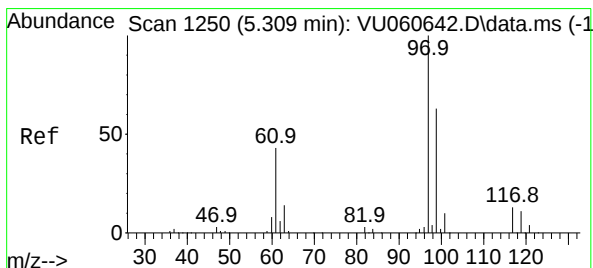
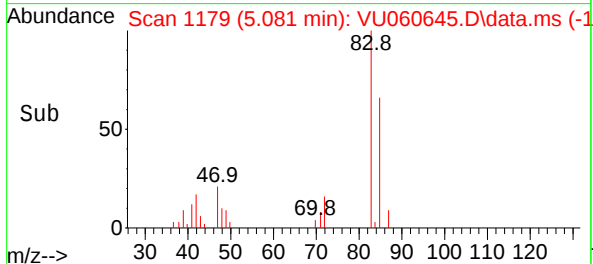
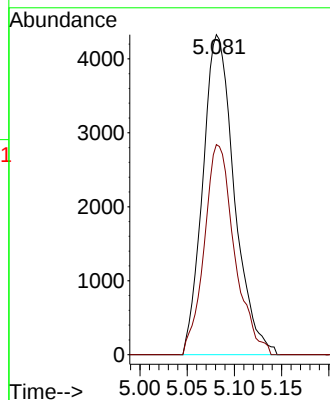
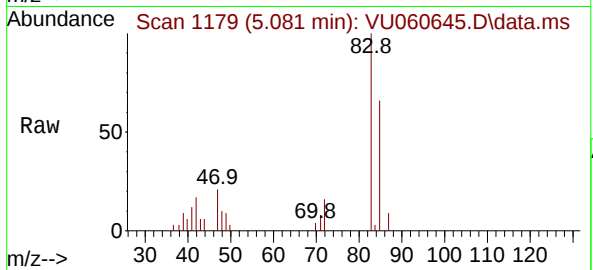




#27
Chloroform
Concen: 0.459 ug/l
RT: 5.081 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VU060645.D
Acq: 06 Sep 2024 16:45

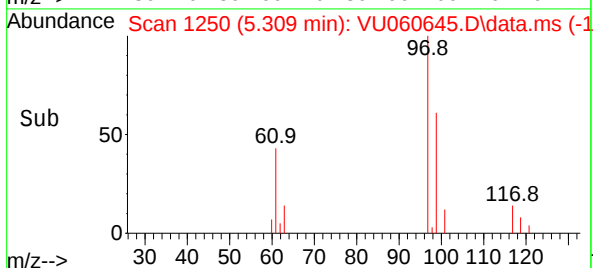
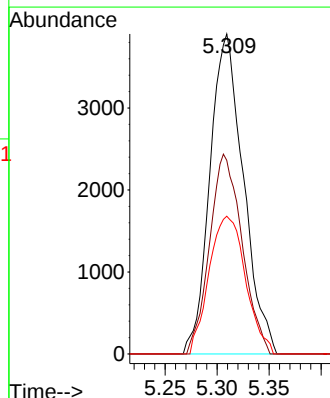
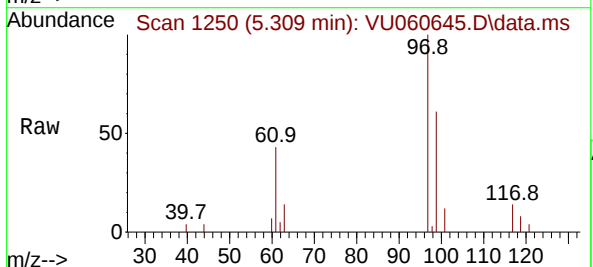
Instrument :
MSVOA_U
ClientSampleId :

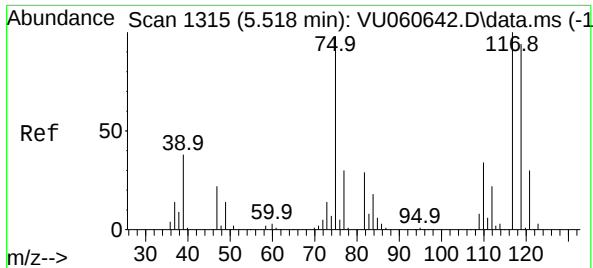
Tgt Ion: 83 Resp: 10026
Ion Ratio Lower Upper
83 100
85 63.7 0.0 131.4



#28
1,1,1-Trichloroethane
Concen: 0.475 ug/l
RT: 5.309 min Scan# 1250
Delta R.T. 0.000 min
Lab File: VU060645.D
Acq: 06 Sep 2024 16:45

Tgt Ion: 97 Resp: 8731
Ion Ratio Lower Upper
97 100
99 60.8 32.1 96.5
61 46.9 21.6 65.0

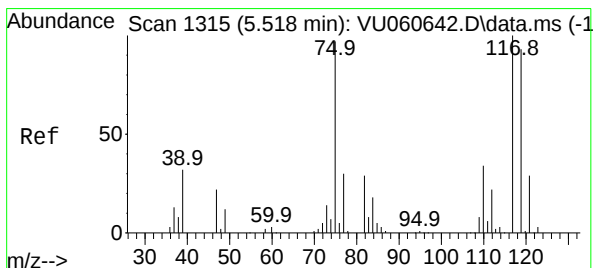
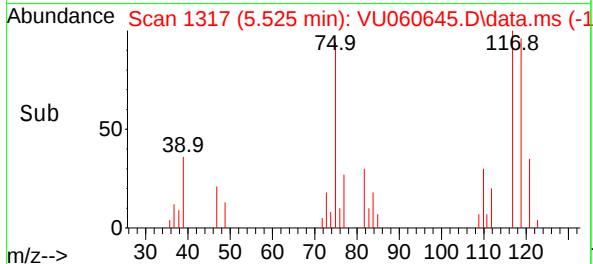
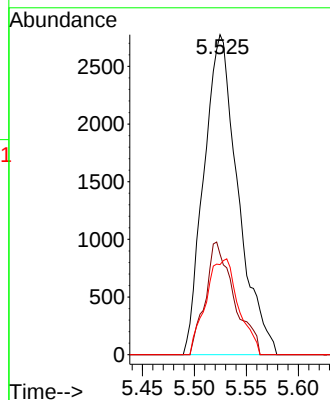
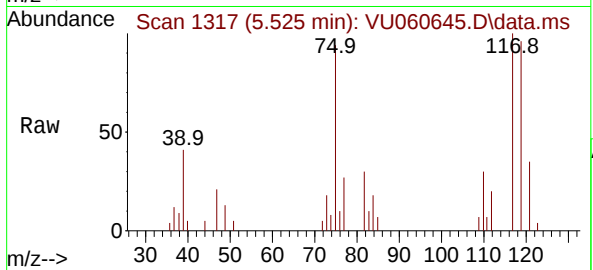




#29
1,1-Dichloropropene
Concen: 0.428 ug/l
RT: 5.525 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VU060645.D
Acq: 06 Sep 2024 16:45

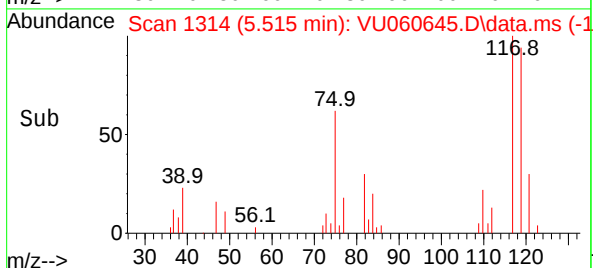
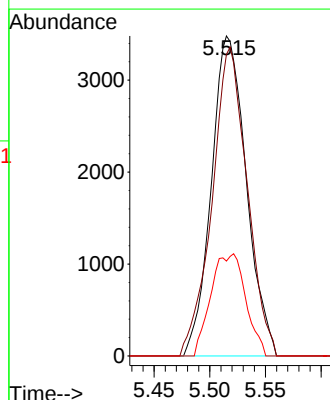
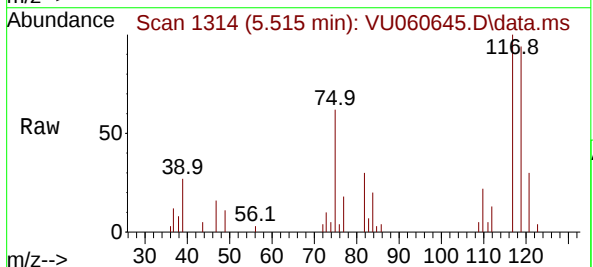
Instrument :
MSVOA_U
ClientSampleId :

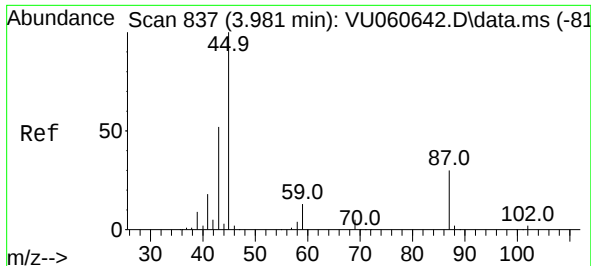
Tgt Ion: 75 Resp: 6317
Ion Ratio Lower Upper
75 100
110 29.8 17.3 52.0
77 28.6 25.0 37.4



#30
Carbon Tetrachloride
Concen: 0.500 ug/l
RT: 5.515 min Scan# 1314
Delta R.T. -0.003 min
Lab File: VU060645.D
Acq: 06 Sep 2024 16:45

Tgt Ion: 117 Resp: 7605
Ion Ratio Lower Upper
117 100
119 94.3 74.7 112.1
121 29.6 23.6 35.4

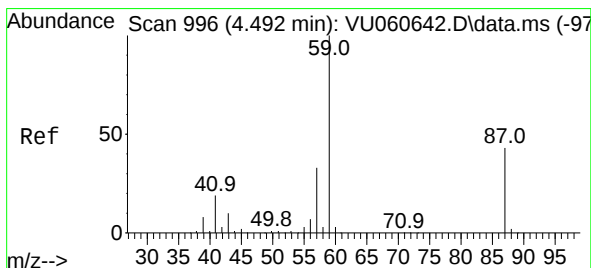
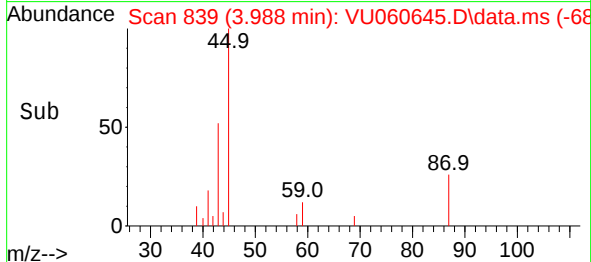
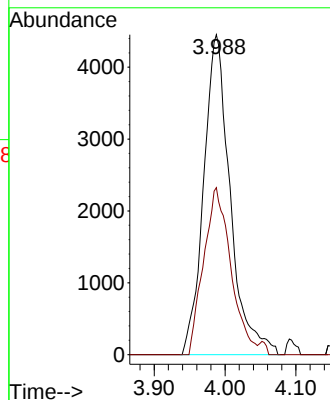
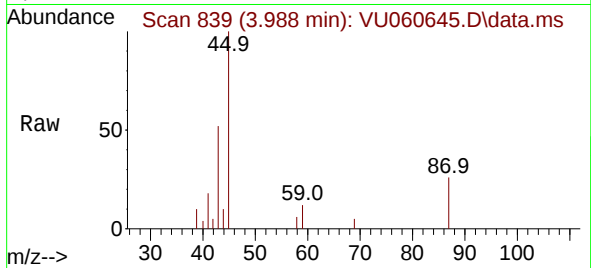




#31
Isopropyl Ether
Concen: 0.362 ug/l
RT: 3.988 min Scan# 839
Delta R.T. 0.006 min
Lab File: VU060645.D
Acq: 06 Sep 2024 16:45

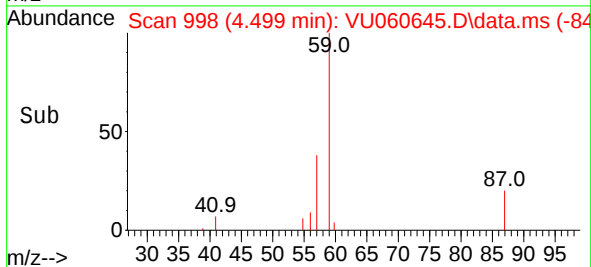
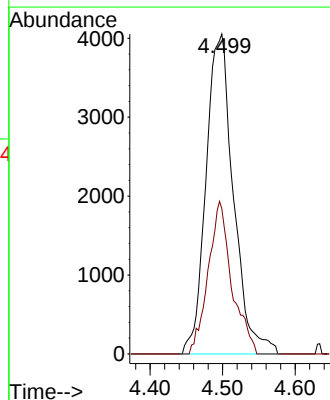
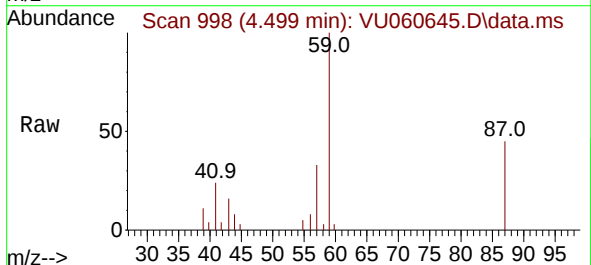
Instrument :
MSVOA_U
ClientSampleId :

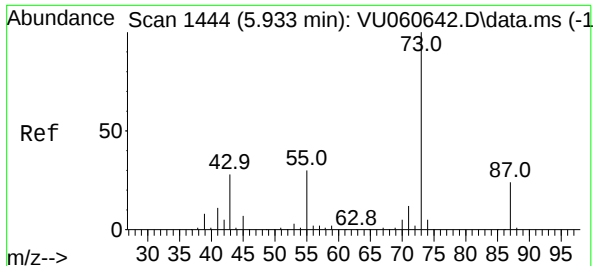
Tgt Ion: 45 Resp: 11574
Ion Ratio Lower Upper
45 100
43 53.5 25.9 77.7



#32
Ethyl-t-butyl ether
Concen: 0.344 ug/l
RT: 4.499 min Scan# 998
Delta R.T. 0.006 min
Lab File: VU060645.D
Acq: 06 Sep 2024 16:45

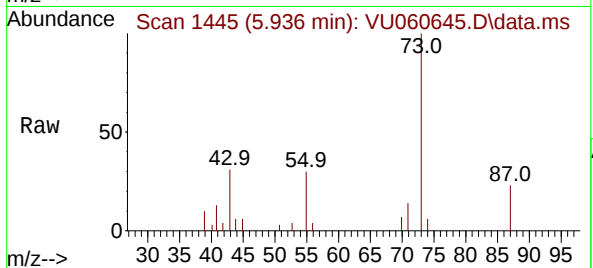
Tgt Ion: 59 Resp: 10671
Ion Ratio Lower Upper
59 100
87 41.0 33.6 50.4



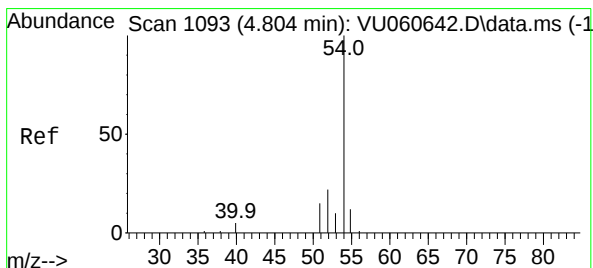
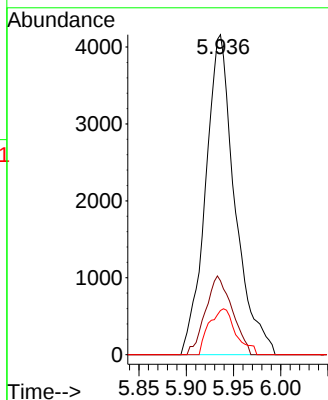
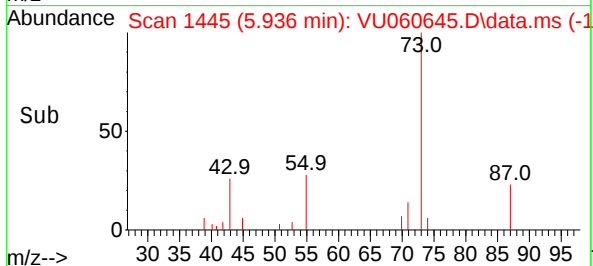


#33
Tert-Amyl methyl ether
Concen: 0.395 ug/l
RT: 5.936 min Scan# 1444
Delta R.T. 0.003 min
Lab File: VU060645.D
Acq: 06 Sep 2024 16:45

Instrument :
MSVOA_U
ClientSampleId :

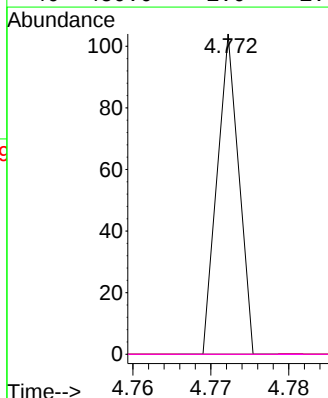
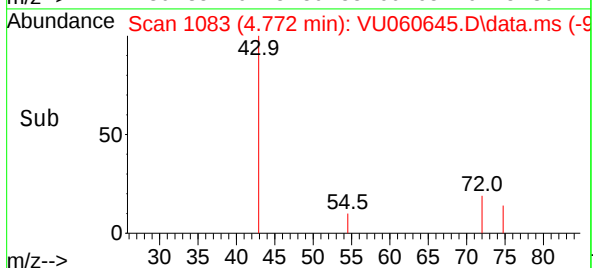
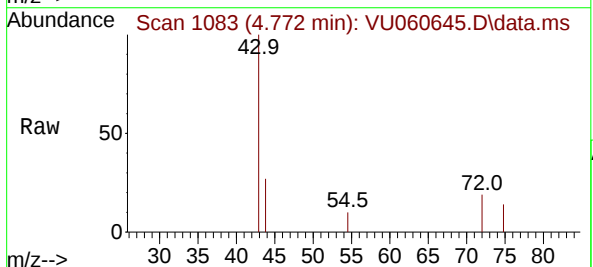


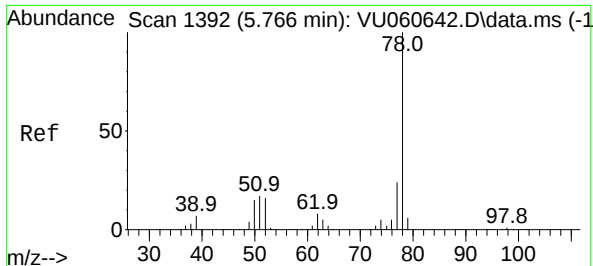
Tgt Ion: 73	Resp: 8969
Ion Ratio	Lower Upper
73	100
87	22.4 19.8 29.8
71	13.0 9.2 13.8



#34
Propionitrile
Concen: 0.018 ug/l
RT: 4.772 min Scan# 1083
Delta R.T. -0.032 min
Lab File: VU060645.D
Acq: 06 Sep 2024 16:45

Tgt Ion: 54	Resp: 20
Ion Ratio	Lower Upper
54	100
52	0.0 12.2 18.2#
55	0.0 3.5 5.3#
40	450.0 1.0 1.4#





#35

Benzene

Concen: 0.446 ug/l

RT: 5.769 min Scan# 1400

Delta R.T. 0.003 min

Lab File: VU060645.D

Acq: 06 Sep 2024 16:45

Instrument :

MSVOA_U

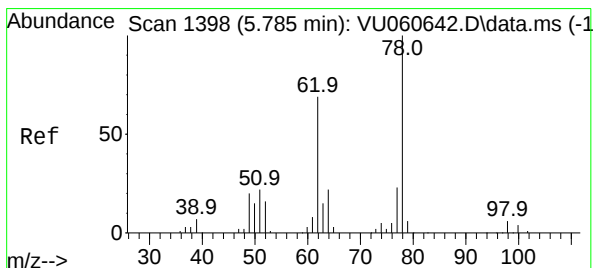
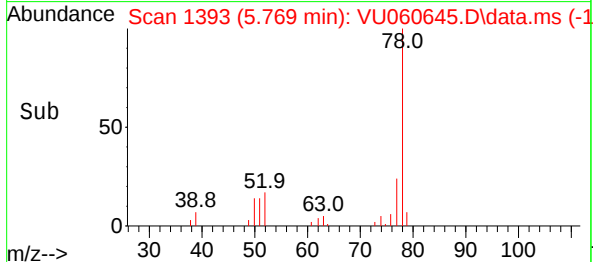
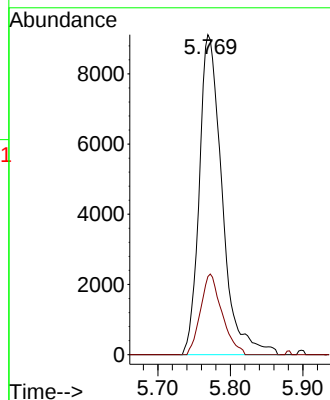
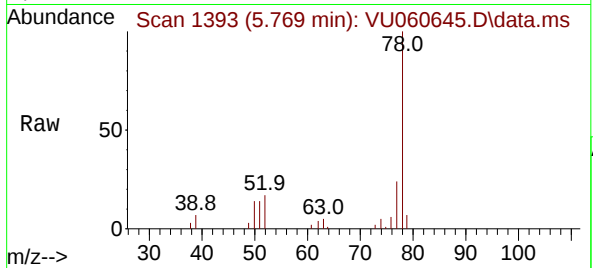
ClientSampleId :

Tgt Ion: 78 Resp: 19974

Ion Ratio Lower Upper

78 100

77 22.8 19.4 29.2



#36

1,2-Dichloroethane

Concen: 0.481 ug/l

RT: 5.795 min Scan# 1401

Delta R.T. 0.010 min

Lab File: VU060645.D

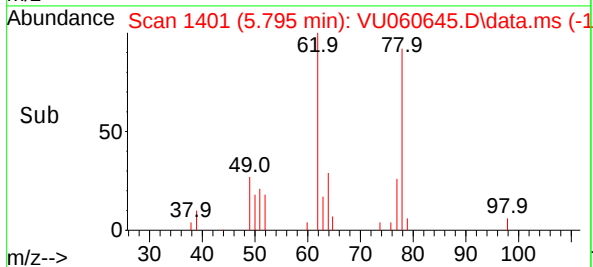
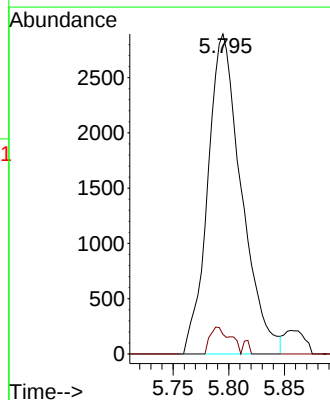
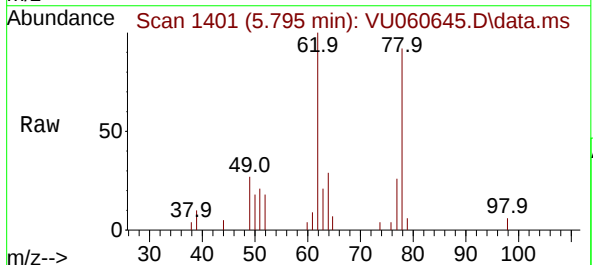
Acq: 06 Sep 2024 16:45

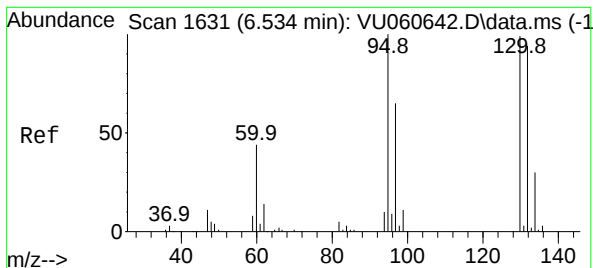
Tgt Ion: 62 Resp: 6085

Ion Ratio Lower Upper

62 100

98 5.0 6.9 10.3#





#37

Trichloroethene

Concen: 0.472 ug/l

RT: 6.537 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU060645.D

Acq: 06 Sep 2024 16:45

Instrument :

MSVOA_U

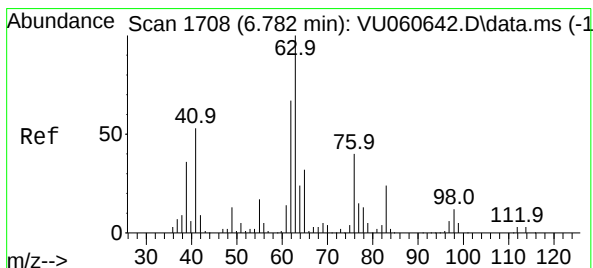
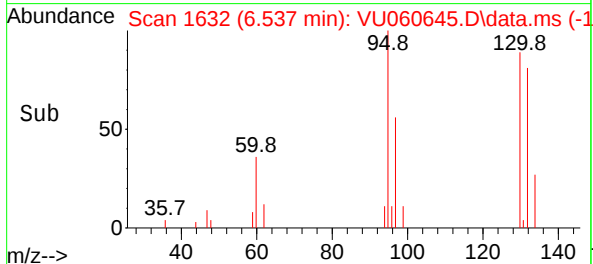
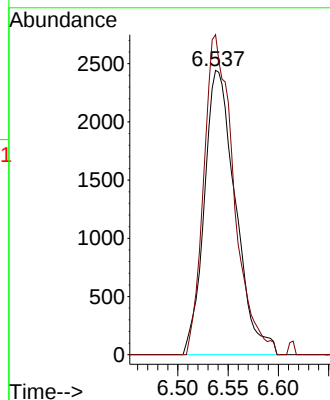
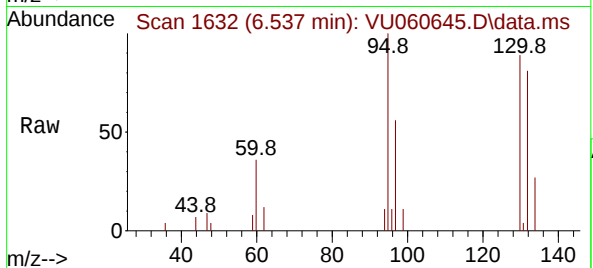
ClientSampleId :

Tgt Ion:130 Resp: 5273

Ion Ratio Lower Upper

130 100

95 112.6 80.9 121.3



#38

1,2-Dichloropropane

Concen: 0.440 ug/l

RT: 6.788 min Scan# 1710

Delta R.T. 0.006 min

Lab File: VU060645.D

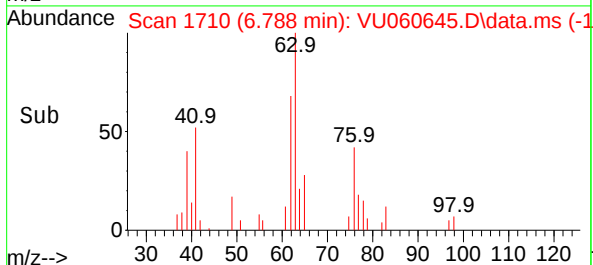
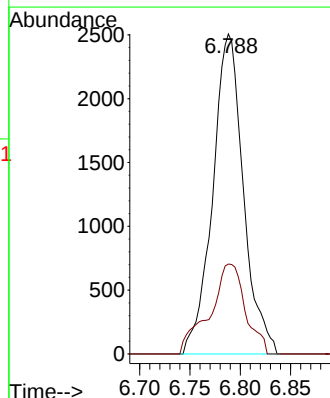
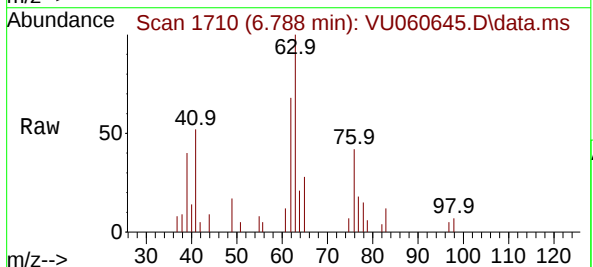
Acq: 06 Sep 2024 16:45

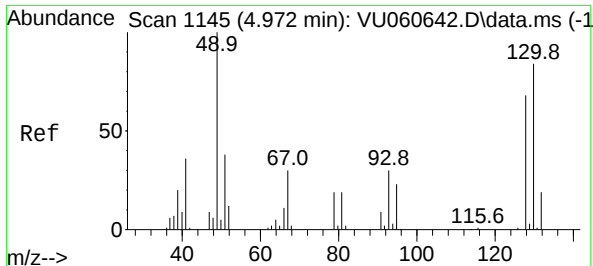
Tgt Ion: 63 Resp: 5315

Ion Ratio Lower Upper

63 100

65 28.1 25.8 38.6





#39

Methacrylonitrile

Concen: 0.185 ug/l

RT: 5.007 min Scan# 1145

Delta R.T. 0.035 min

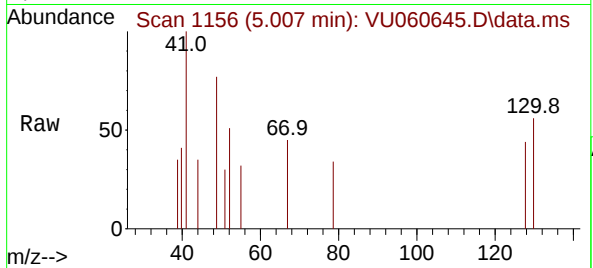
Lab File: VU060645.D

Acq: 06 Sep 2024 16:45

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 41 Resp: 741

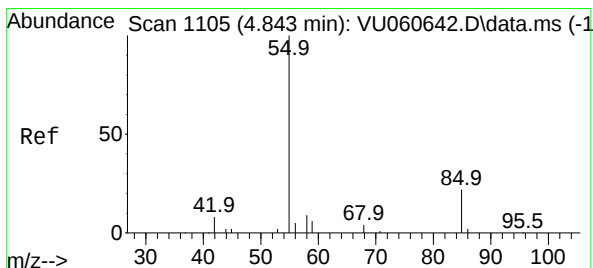
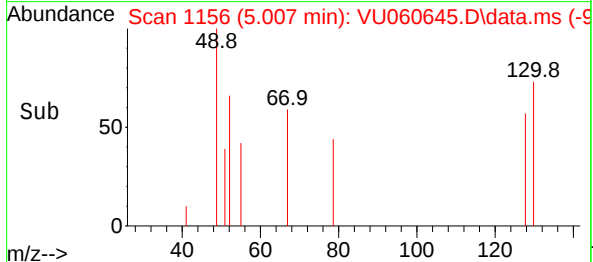
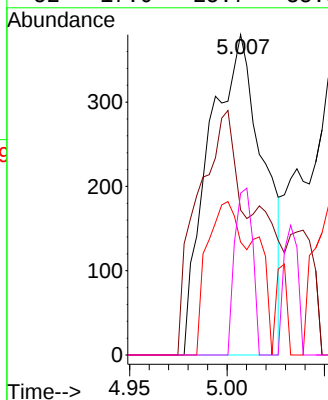
Ion Ratio Lower Upper

41 100

67 59.2 72.6 109.0#

39 31.2 42.8 64.2#

52 17.0 25.7 38.5#



#40

Methyl acrylate

Concen: 0.006 ug/l

RT: 4.817 min Scan# 1097

Delta R.T. -0.026 min

Lab File: VU060645.D

Acq: 06 Sep 2024 16:45

Tgt Ion: 55 Resp: 42

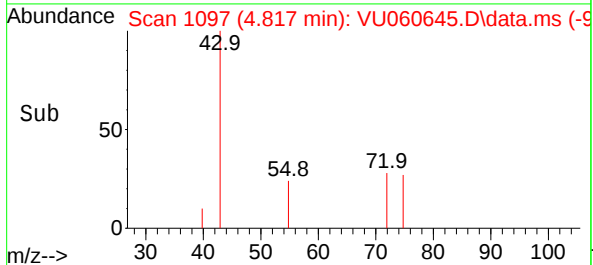
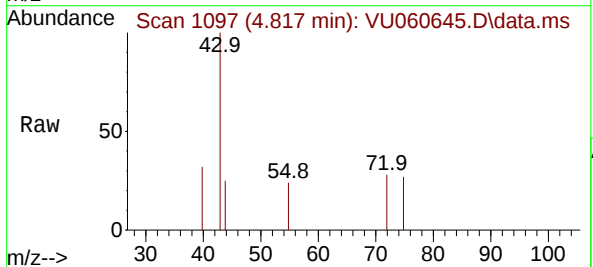
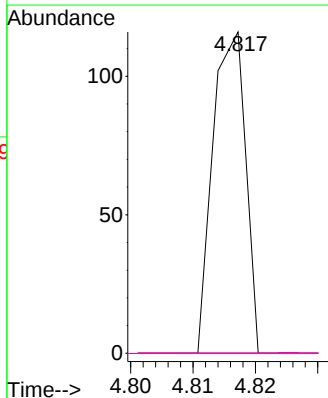
Ion Ratio Lower Upper

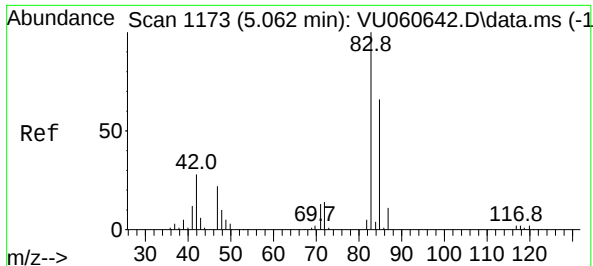
55 100

85 0.0 12.2 18.4#

58 0.0 6.3 9.5#

42 0.0 5.3 7.9#

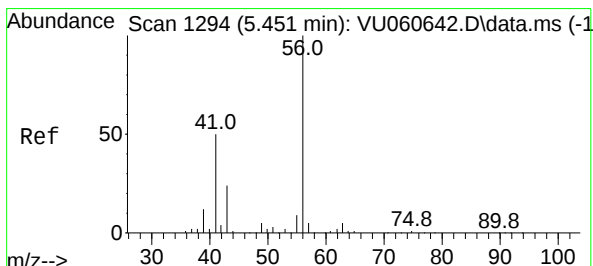
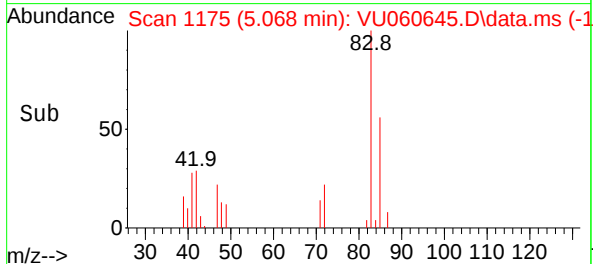
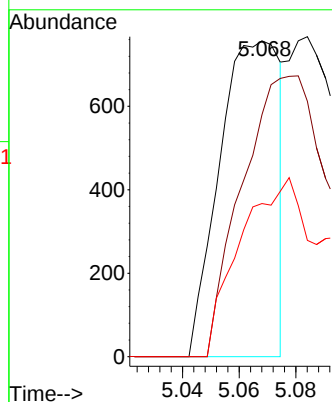
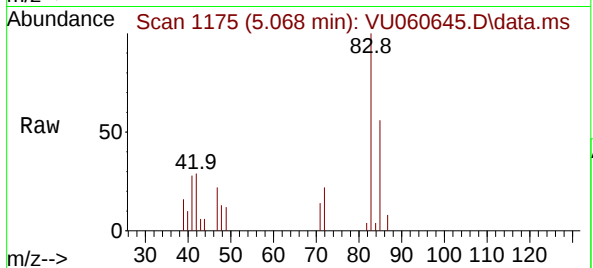




#41
Tetrahydrofuran
Concen: 0.507 ug/l
RT: 5.068 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VU060645.D
Acq: 06 Sep 2024 16:45

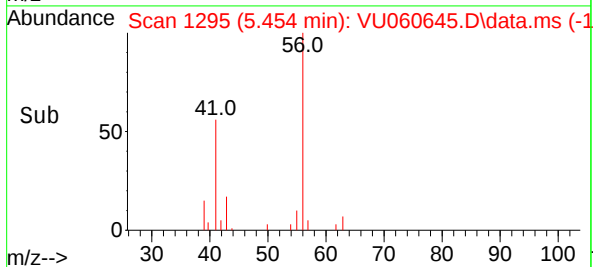
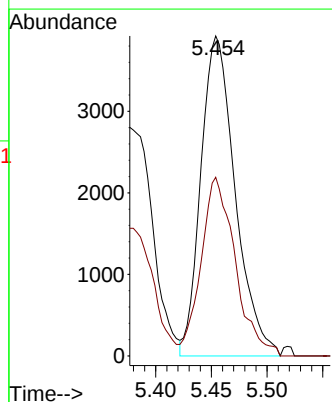
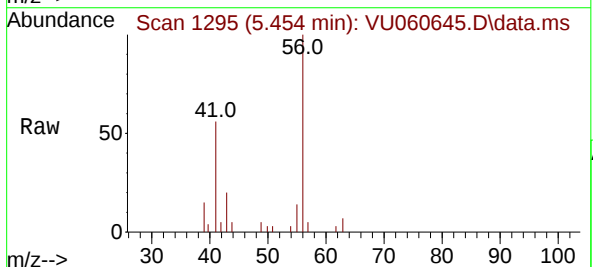
Instrument :
MSVOA_U
ClientSampleId :

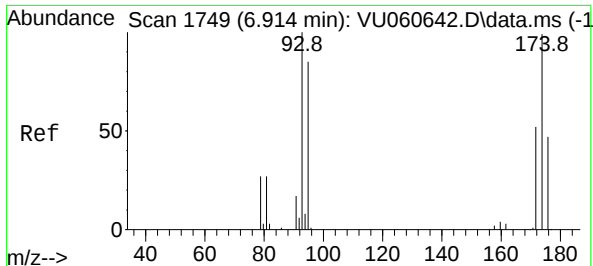
Tgt Ion: 42 Resp: 1117
Ion Ratio Lower Upper
42 100
72 154.1 40.4 60.6#
71 63.8 33.8 50.6#



#42
1-Chlorobutane
Concen: 0.416 ug/l
RT: 5.454 min Scan# 1295
Delta R.T. 0.003 min
Lab File: VU060645.D
Acq: 06 Sep 2024 16:45

Tgt Ion: 56 Resp: 8407
Ion Ratio Lower Upper
56 100
41 55.5 24.9 74.6





#43

Dibromomethane

Concen: 0.456 ug/l

RT: 6.920 min Scan# 1751

Delta R.T. 0.006 min

Lab File: VU060645.D

Acq: 06 Sep 2024 16:45

Instrument :

MSVOA_U

ClientSampleId :

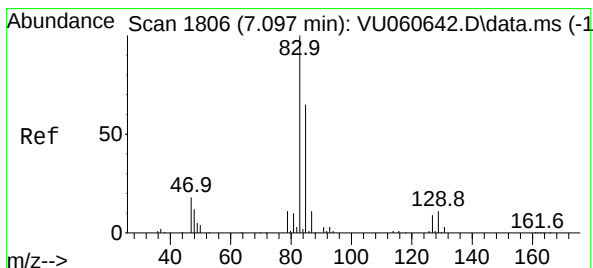
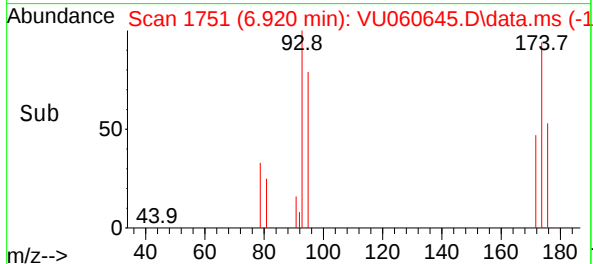
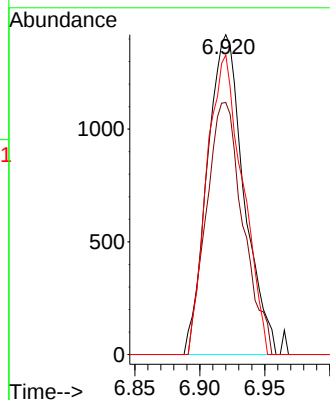
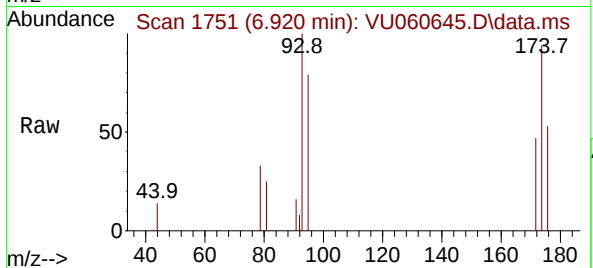
Tgt Ion: 93 Resp: 2787

Ion Ratio Lower Upper

93 100

95 78.5 66.1 99.1

174 91.4 76.2 114.4



#44

Bromodichloromethane

Concen: 0.465 ug/l

RT: 7.100 min Scan# 1807

Delta R.T. 0.003 min

Lab File: VU060645.D

Acq: 06 Sep 2024 16:45

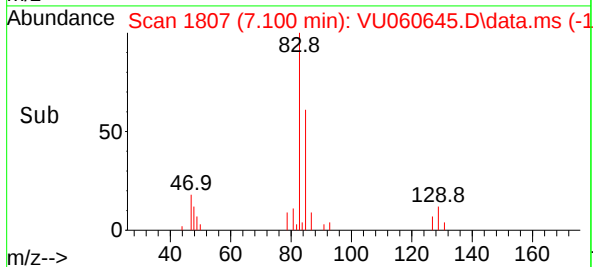
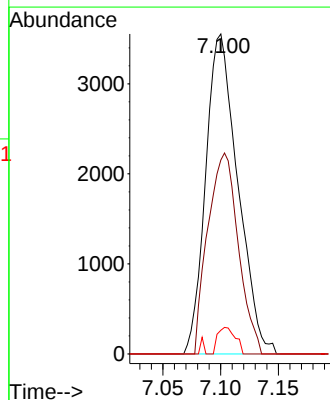
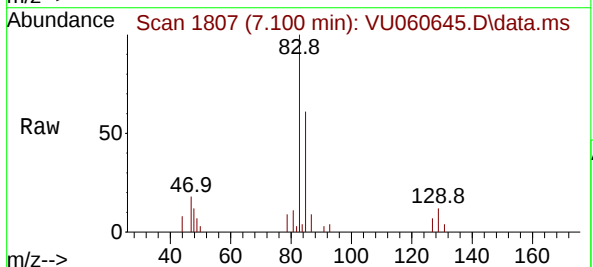
Tgt Ion: 83 Resp: 6872

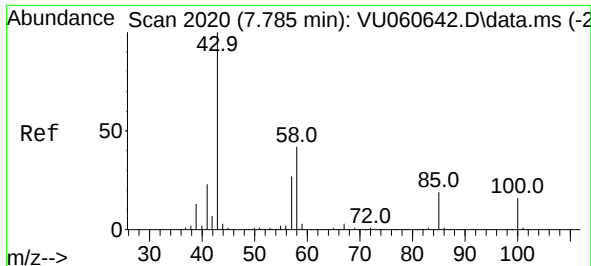
Ion Ratio Lower Upper

83 100

85 58.1 52.2 78.4

127 7.1 8.1 12.1#

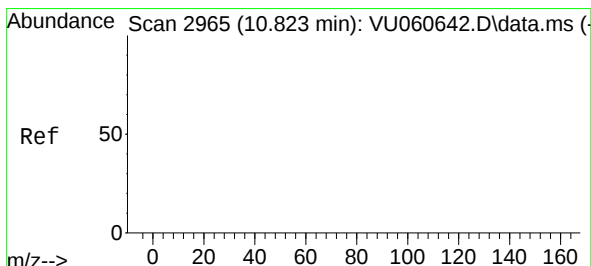
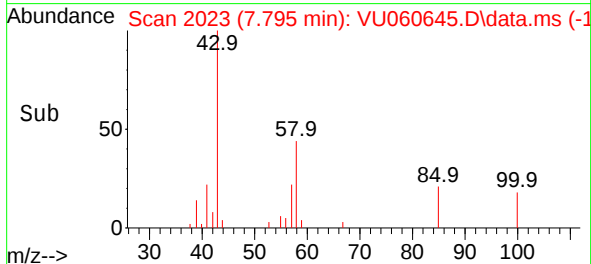
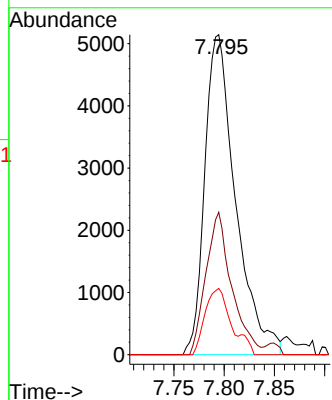
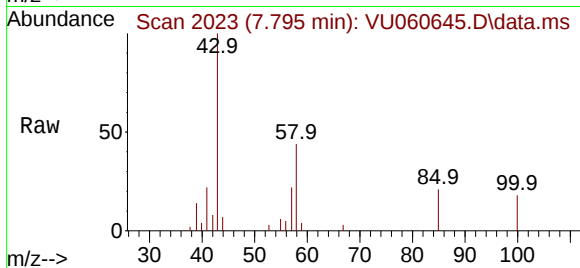




#45
4-Methyl-2-Pentanone
Concen: 1.885 ug/l
RT: 7.795 min Scan# 2020
Delta R.T. 0.010 min
Lab File: VU060645.D
Acq: 06 Sep 2024 16:45

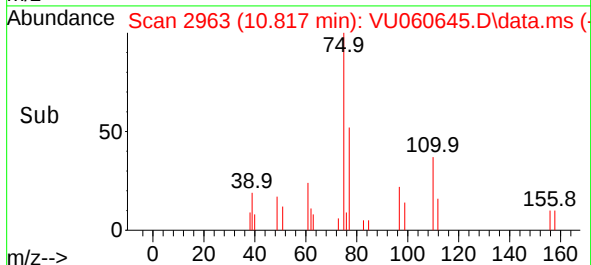
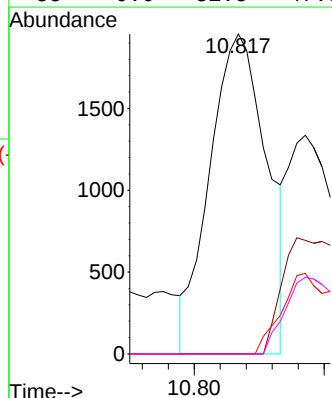
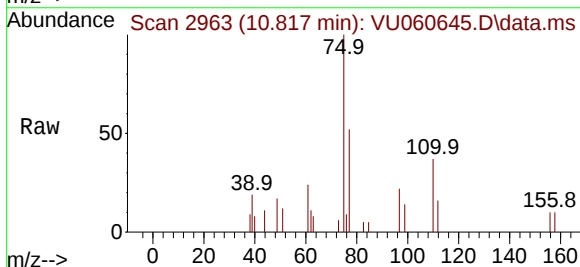
Instrument :
MSVOA_U
ClientSampleId :

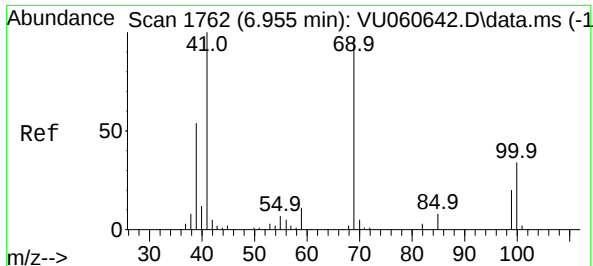
Tgt Ion:	43	Resp:	10973
Ion	Ratio	Lower	Upper
43	100		
58	37.2	21.2	63.6
85	17.7	15.2	22.8



#46
t-1,4-Dichloro-2-butene
Concen: 0.921 ug/l
RT: 10.817 min Scan# 2963
Delta R.T. -0.006 min
Lab File: VU060645.D
Acq: 06 Sep 2024 16:45

Tgt Ion:	75	Resp:	2971
Ion	Ratio	Lower	Upper
75	100		
53	0.0	55.5	83.3#
89	0.0	36.8	55.2#
88	0.0	31.5	47.3#





#47

Methyl methacrylate

Concen: 0.702 ug/l

RT: 6.968 min Scan# 1

Delta R.T. 0.013 min

Lab File: VU060645.D

Acq: 06 Sep 2024 16:45

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 69 Resp: 3481

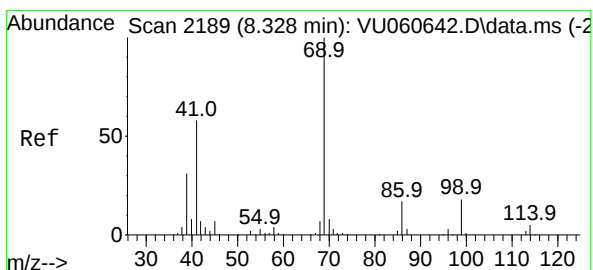
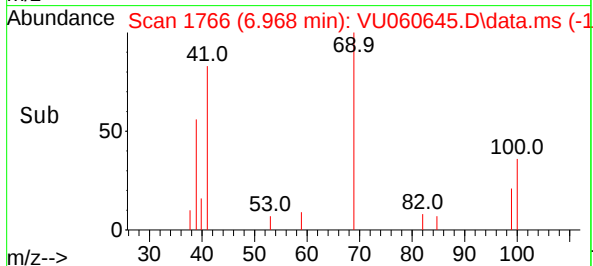
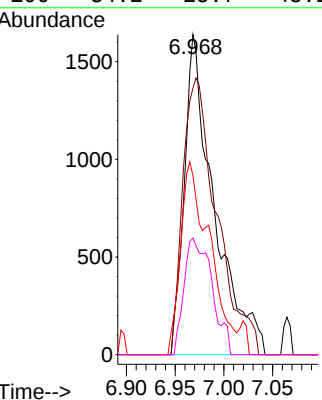
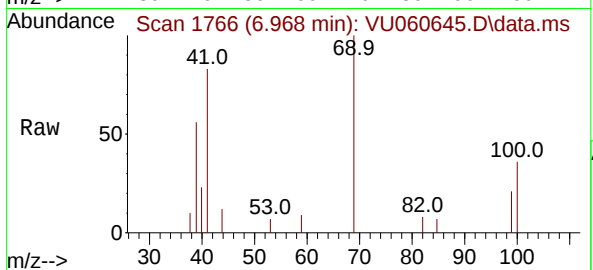
Ion Ratio Lower Upper

69 100

41 98.6 0.0 211.8

39 58.7 45.1 67.7

100 34.2 28.7 43.1



#48

Ethyl methacrylate

Concen: 0.370 ug/l

RT: 8.335 min Scan# 2191

Delta R.T. 0.006 min

Lab File: VU060645.D

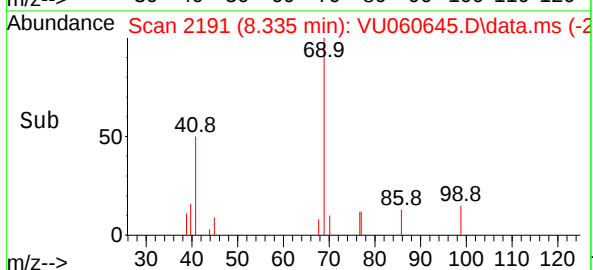
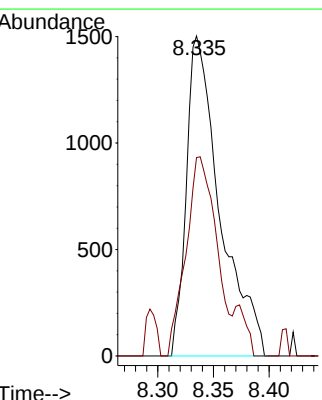
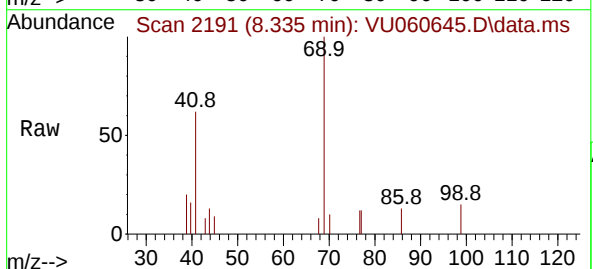
Acq: 06 Sep 2024 16:45

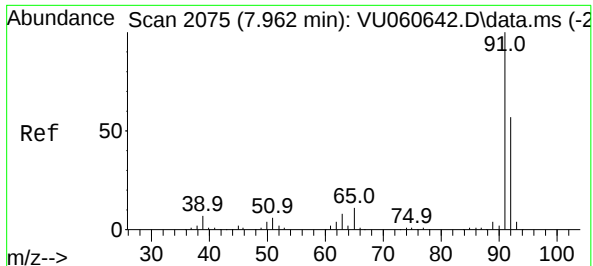
Tgt Ion: 69 Resp: 3151

Ion Ratio Lower Upper

69 100

41 56.8 28.9 86.7





#49

Toluene

Concen: 0.413 ug/l

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU060645.D

Acq: 06 Sep 2024 16:45

Instrument :

MSVOA_U

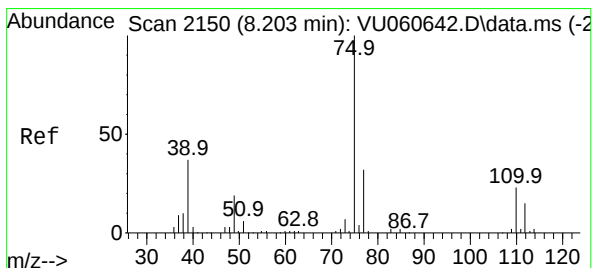
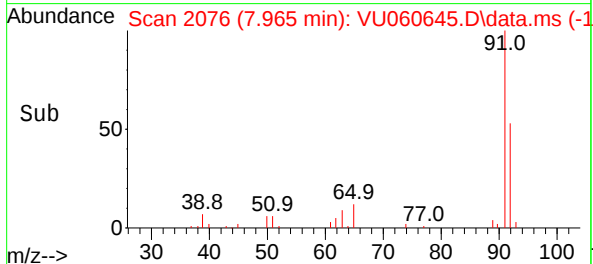
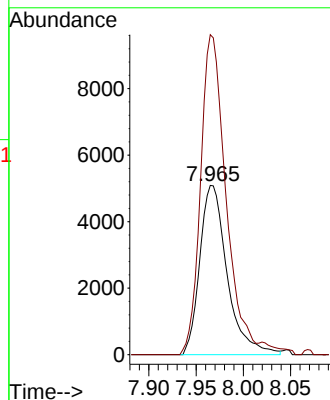
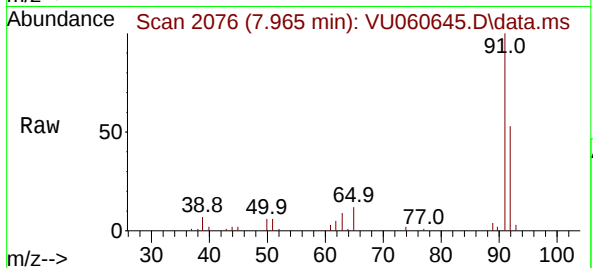
ClientSampleId :

Tgt Ion: 92 Resp: 10253

Ion Ratio Lower Upper

92 100

91 174.4 140.4 210.6



#50

t-1,3-Dichloropropene

Concen: 0.382 ug/l

RT: 8.209 min Scan# 2152

Delta R.T. 0.006 min

Lab File: VU060645.D

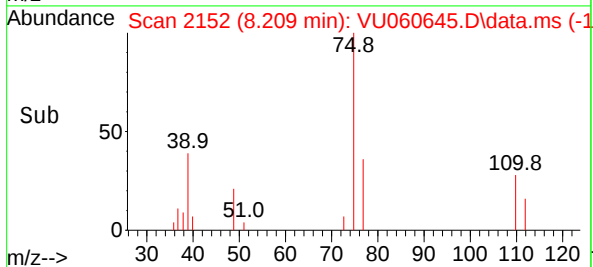
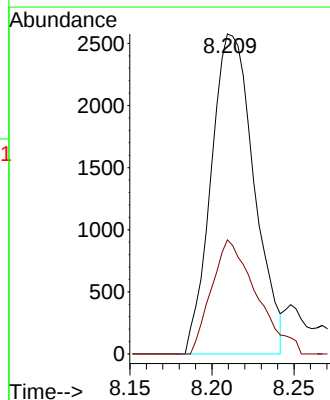
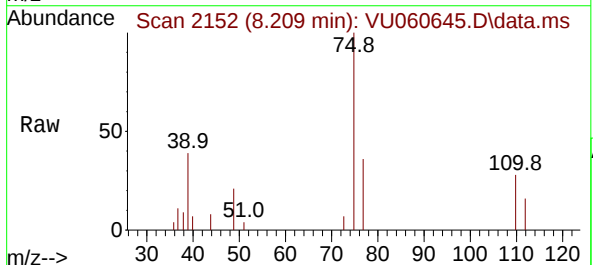
Acq: 06 Sep 2024 16:45

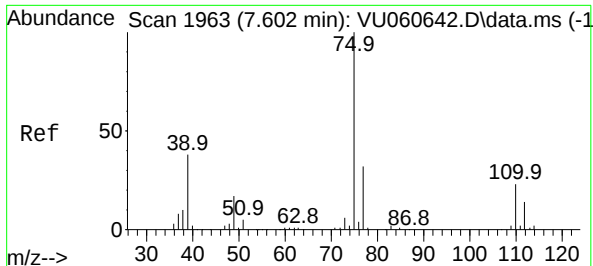
Tgt Ion: 75 Resp: 4697

Ion Ratio Lower Upper

75 100

77 35.7 25.2 37.8

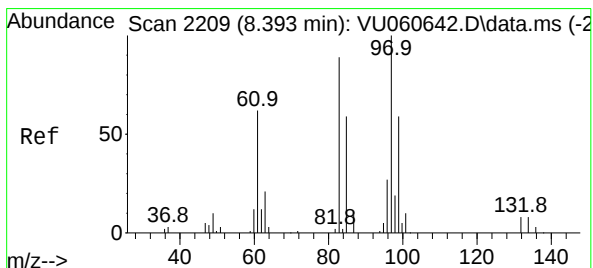
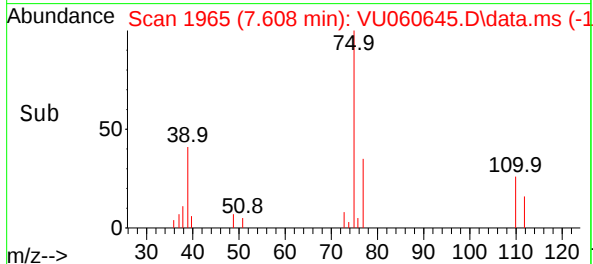
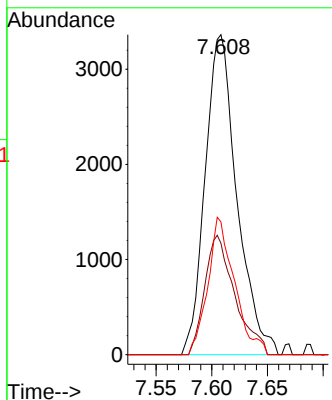
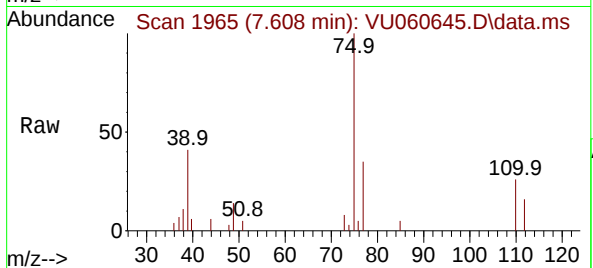




#51
cis-1,3-Dichloropropene
Concen: 0.452 ug/l
RT: 7.608 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VU060645.D
Acq: 06 Sep 2024 16:45

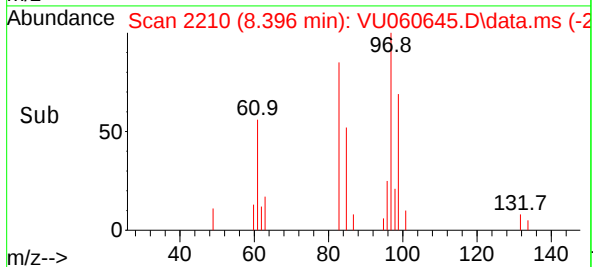
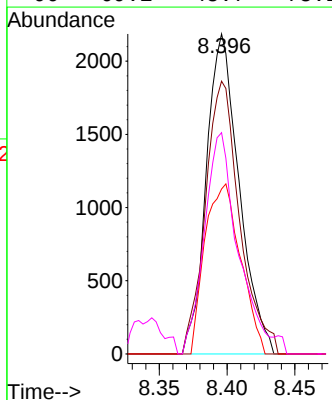
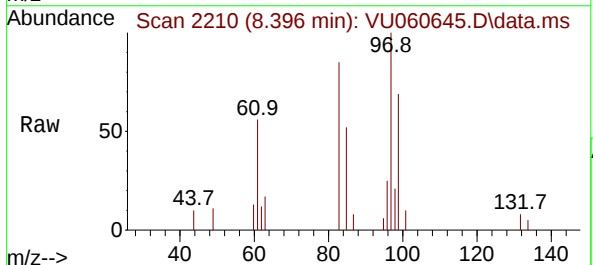
Instrument :
MSVOA_U
ClientSampleId :

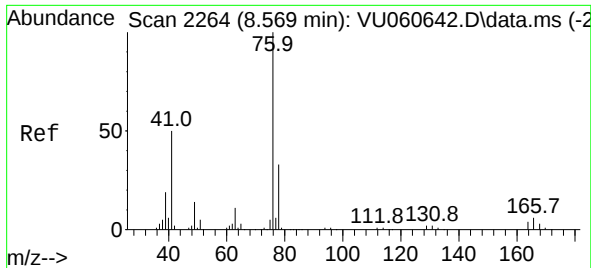
Tgt Ion: 75 Resp: 6685
Ion Ratio Lower Upper
75 100
77 34.8 25.4 38.2
39 47.4 30.7 46.1#



#52
1,1,2-Trichloroethane
Concen: 0.414 ug/l
RT: 8.396 min Scan# 2210
Delta R.T. 0.003 min
Lab File: VU060645.D
Acq: 06 Sep 2024 16:45

Tgt Ion: 97 Resp: 3683
Ion Ratio Lower Upper
97 100
83 85.2 71.4 107.2
85 51.6 46.9 70.3
99 69.2 48.7 73.1

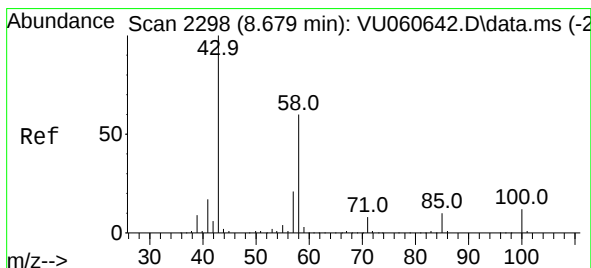
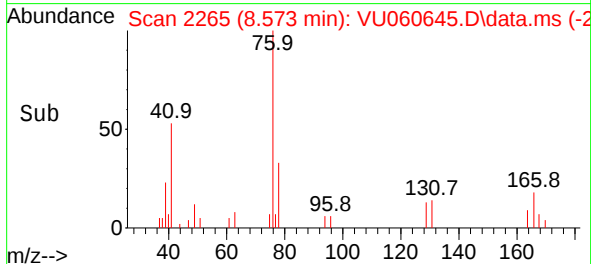
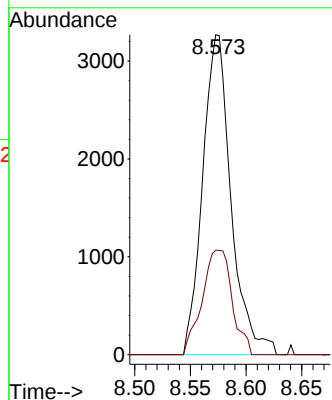
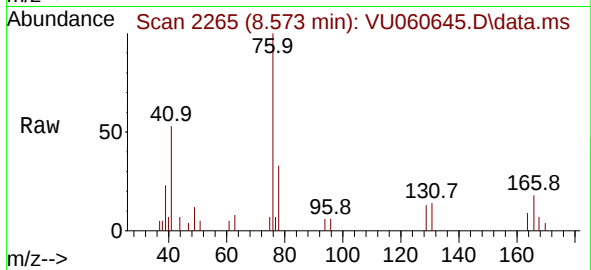




#53
1,3-Dichloropropane
Concen: 0.404 ug/l
RT: 8.573 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU060645.D
Acq: 06 Sep 2024 16:45

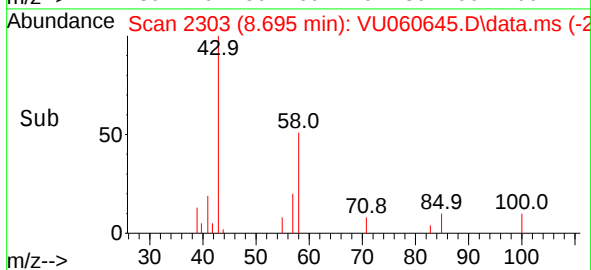
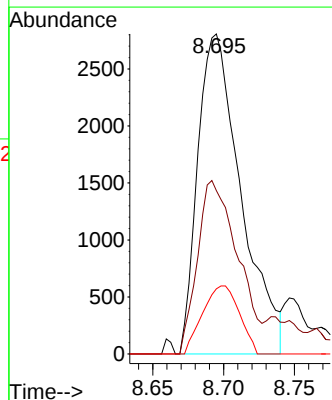
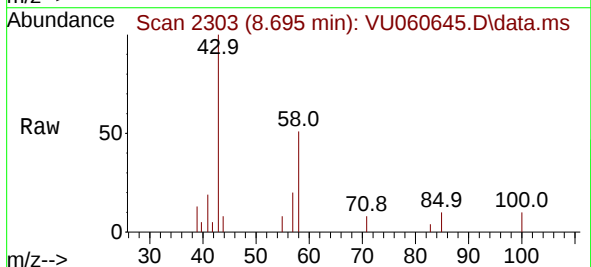
Instrument :
MSVOA_U
ClientSampleId :

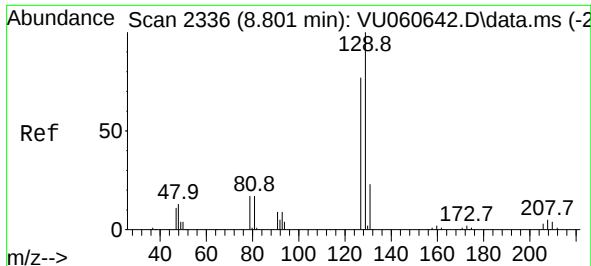
Tgt Ion: 76 Resp: 5799
Ion Ratio Lower Upper
76 100
78 34.5 26.3 39.5



#54
2-Hexanone
Concen: 1.267 ug/l
RT: 8.695 min Scan# 2303
Delta R.T. 0.016 min
Lab File: VU060645.D
Acq: 06 Sep 2024 16:45

Tgt Ion: 43 Resp: 5954
Ion Ratio Lower Upper
43 100
58 50.6 39.5 79.5
57 18.1 0.5 40.5





#55

Dibromochloromethane

Concen: 0.380 ug/l

RT: 8.804 min Scan# 2337

Delta R.T. 0.003 min

Lab File: VU060645.D

Acq: 06 Sep 2024 16:45

Instrument :

MSVOA_U

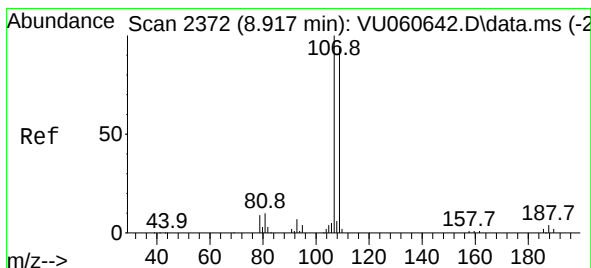
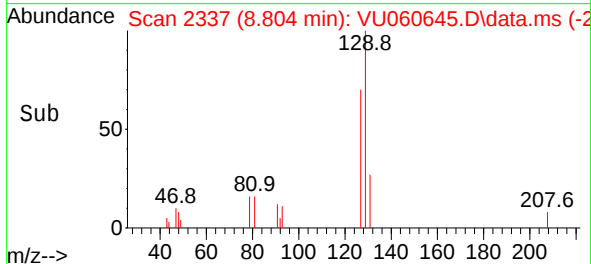
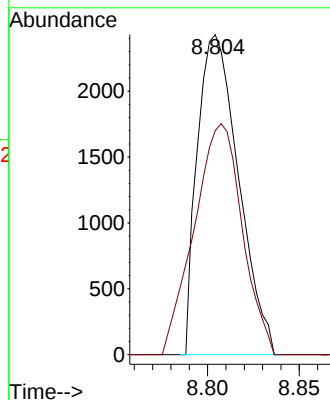
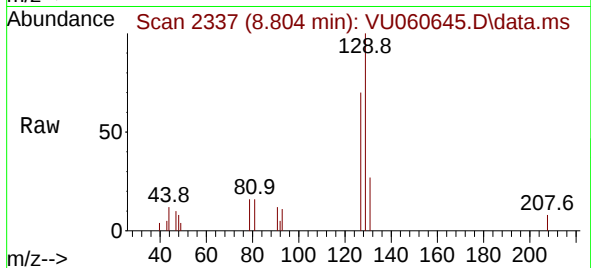
ClientSampleId :

Tgt Ion:129 Resp: 3788

Ion Ratio Lower Upper

129 100

127 84.3 60.6 91.0



#56

1,2-Dibromoethane

Concen: 0.384 ug/l

RT: 8.923 min Scan# 2374

Delta R.T. 0.006 min

Lab File: VU060645.D

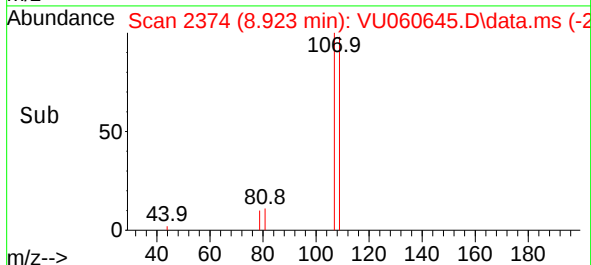
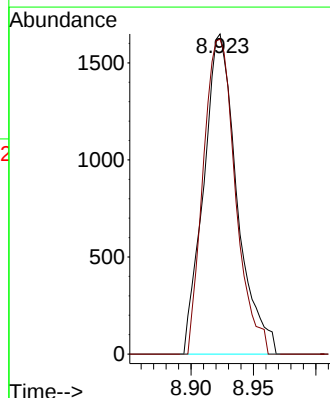
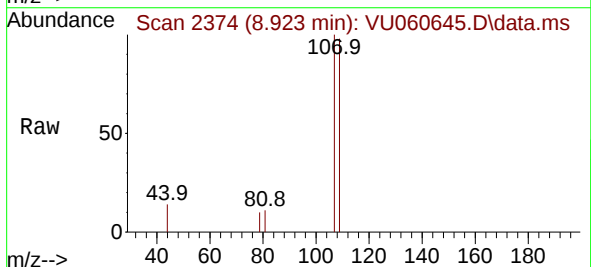
Acq: 06 Sep 2024 16:45

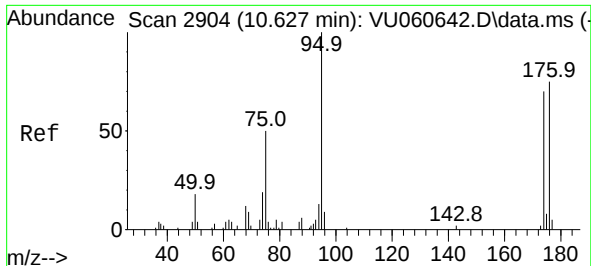
Tgt Ion:107 Resp: 3065

Ion Ratio Lower Upper

107 100

109 94.9 0.0 190.6





#57

4-Bromofluorobenzene

Concen: 0.875 ug/l

RT: 10.630 min Scan# 2905

Delta R.T. 0.003 min

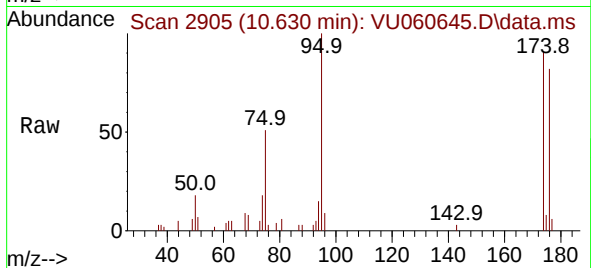
Lab File: VU060645.D

Acq: 06 Sep 2024 16:45

Instrument :

MSVOA_U

ClientSampleId :



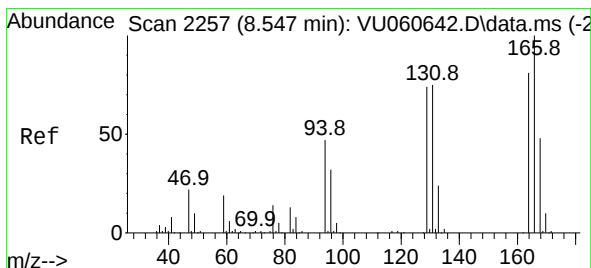
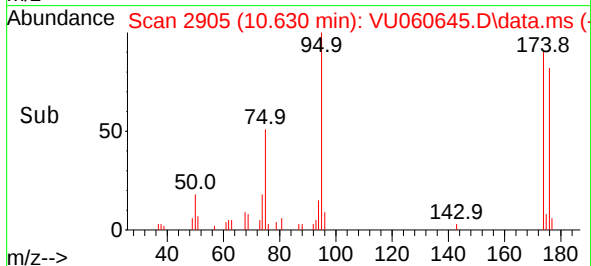
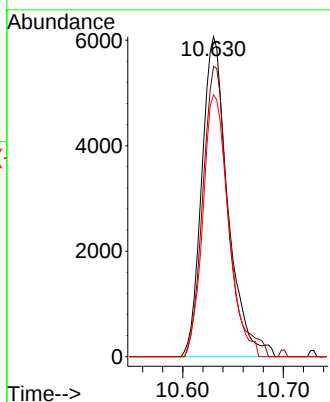
Tgt Ion: 95 Resp: 10897

Ion Ratio Lower Upper

95 100

174 88.8 63.2 94.8

176 80.7 62.8 94.2



#58

Tetrachloroethene

Concen: 0.512 ug/l

RT: 8.550 min Scan# 2258

Delta R.T. 0.003 min

Lab File: VU060645.D

Acq: 06 Sep 2024 16:45

Tgt Ion: 164 Resp: 5181

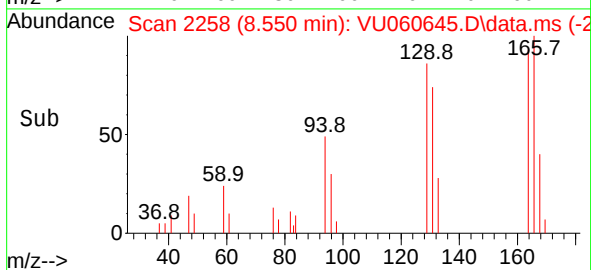
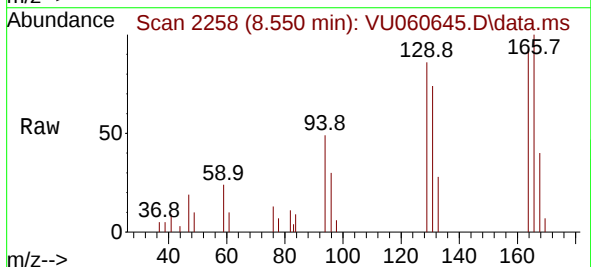
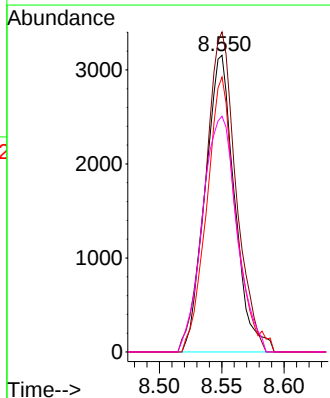
Ion Ratio Lower Upper

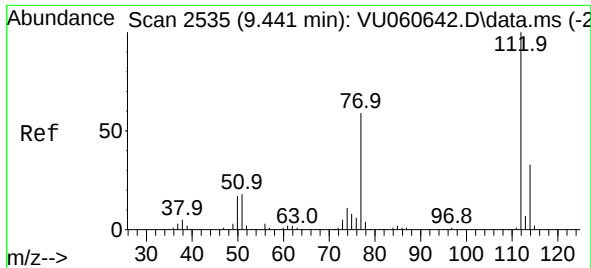
164 100

166 107.9 98.5 147.7

129 92.6 73.0 109.6

131 79.4 73.8 110.8





#59

Chlorobenzene

Concen: 0.422 ug/l

RT: 9.444 min Scan# 2536

Delta R.T. 0.003 min

Lab File: VU060645.D

Acq: 06 Sep 2024 16:45

Instrument :

MSVOA_U

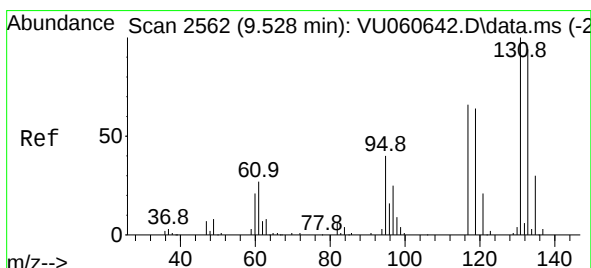
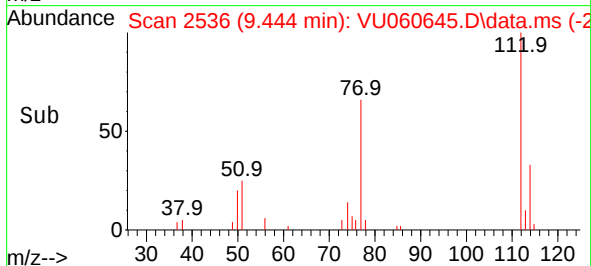
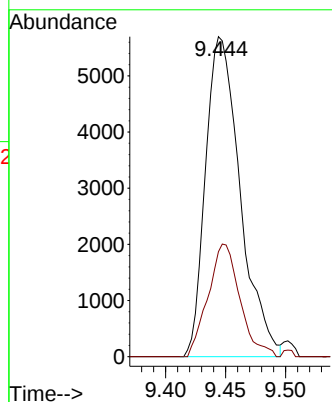
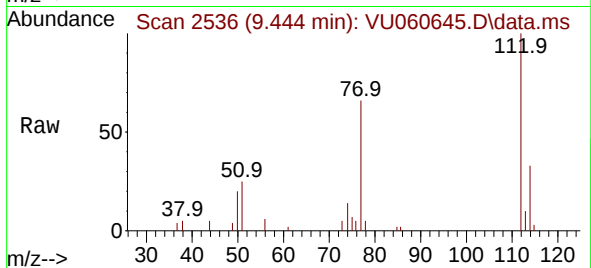
ClientSampleId :

Tgt Ion:112 Resp: 11452

Ion Ratio Lower Upper

112 100

114 32.8 26.2 39.2



#60

1,1,1,2-Tetrachloroethane

Concen: 0.452 ug/l

RT: 9.524 min Scan# 2561

Delta R.T. -0.003 min

Lab File: VU060645.D

Acq: 06 Sep 2024 16:45

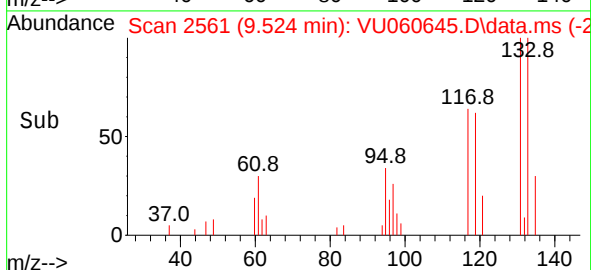
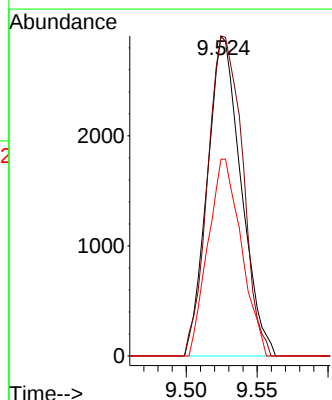
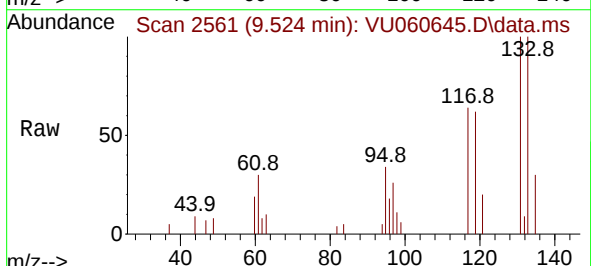
Tgt Ion:131 Resp: 4811

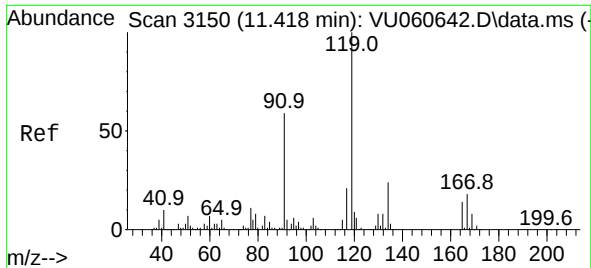
Ion Ratio Lower Upper

131 100

133 103.2 76.7 115.1

119 60.7 52.6 79.0

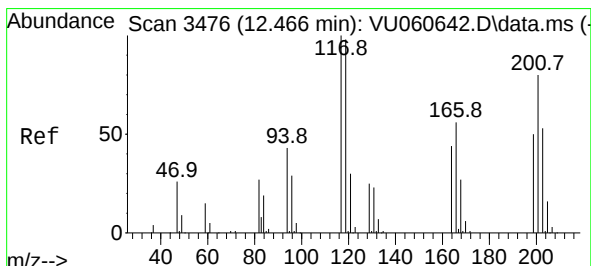
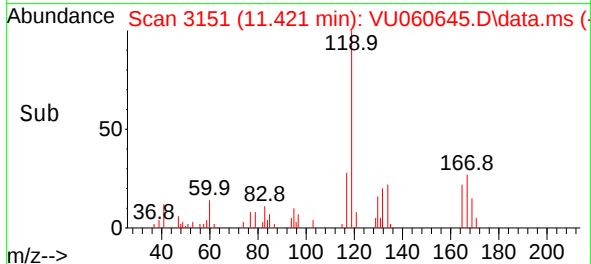
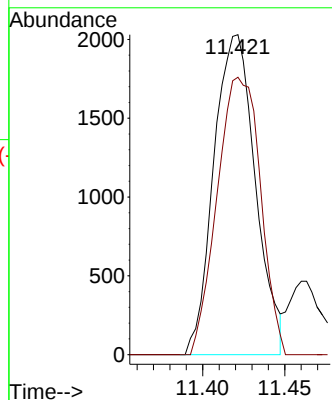
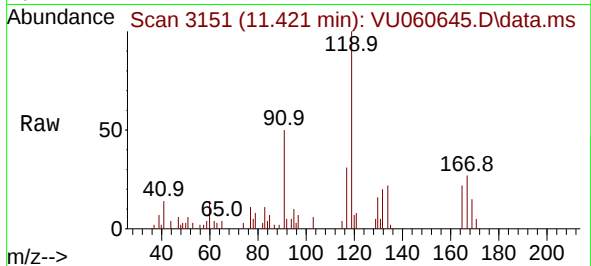




#61
Pentachloroethane
Concen: 0.401 ug/l
RT: 11.421 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VU060645.D
Acq: 06 Sep 2024 16:45

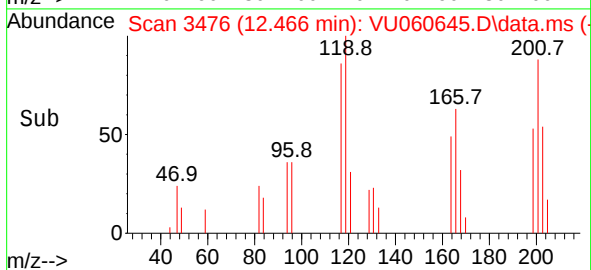
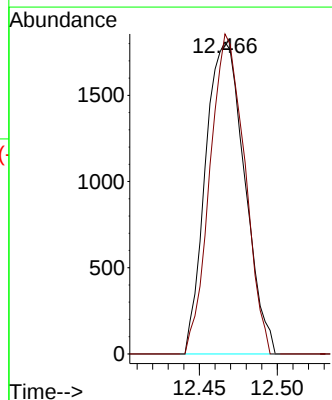
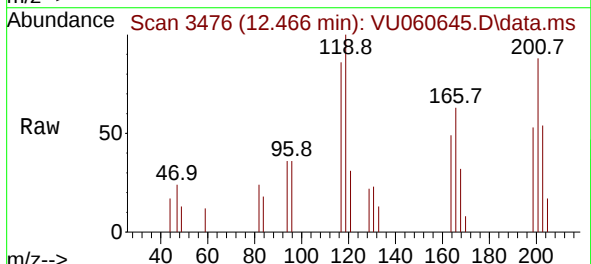
Instrument :
MSVOA_U
ClientSampleId :

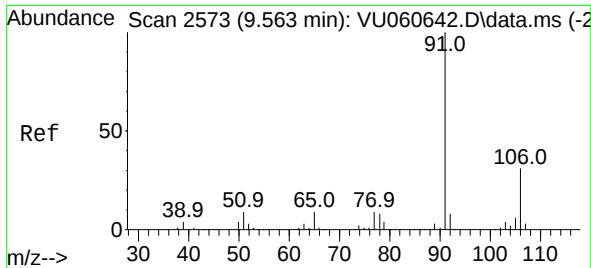
Tgt Ion:117 Resp: 3579
Ion Ratio Lower Upper
117 100
167 90.1 65.3 97.9



#62
Hexachloroethane
Concen: 0.363 ug/l
RT: 12.466 min Scan# 3476
Delta R.T. 0.000 min
Lab File: VU060645.D
Acq: 06 Sep 2024 16:45

Tgt Ion:117 Resp: 3156
Ion Ratio Lower Upper
117 100
201 91.1 65.0 97.6





#63

Ethyl Benzene

Concen: 0.403 ug/l

RT: 9.566 min Scan# 2

Delta R.T. 0.003 min

Lab File: VU060645.D

Acq: 06 Sep 2024 16:45

Instrument :

MSVOA_U

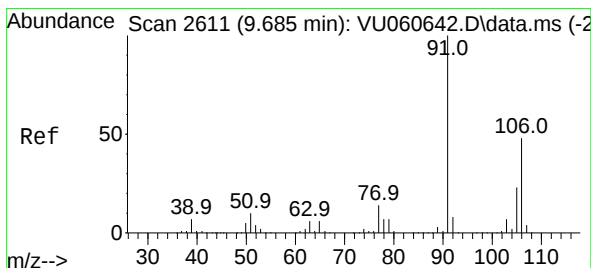
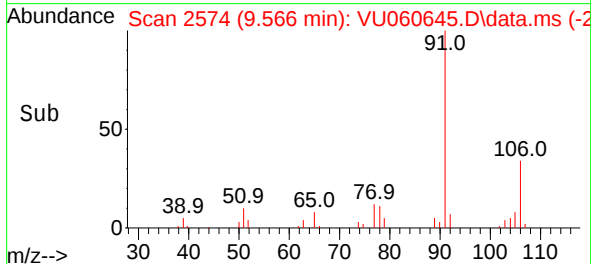
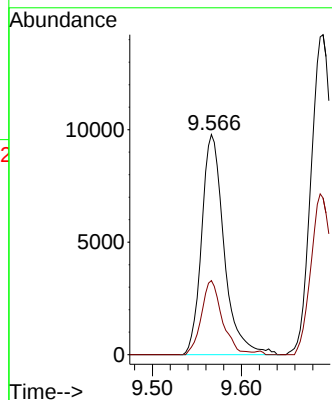
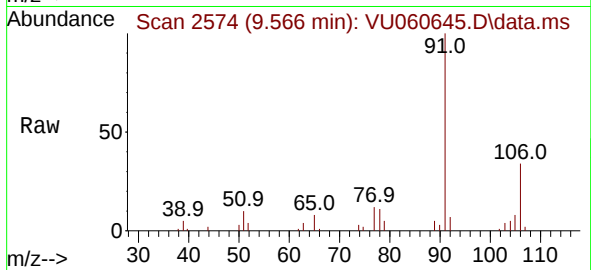
ClientSampleId :

Tgt Ion: 91 Resp: 17126

Ion Ratio Lower Upper

91 100

106 33.7 24.9 37.3



#64

m/p-Xylenes

Concen: 0.752 ug/l

RT: 9.688 min Scan# 2612

Delta R.T. 0.003 min

Lab File: VU060645.D

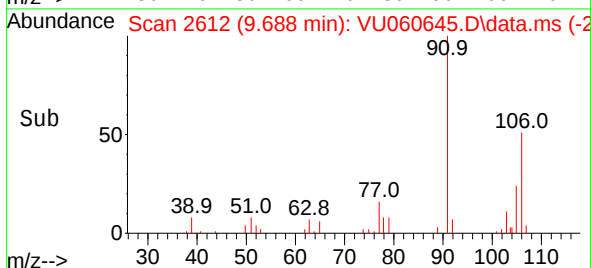
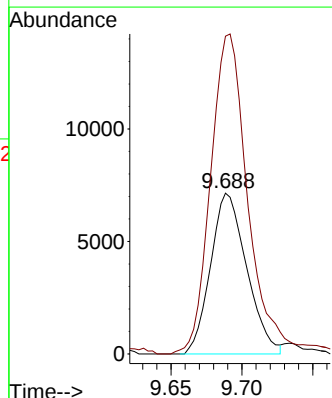
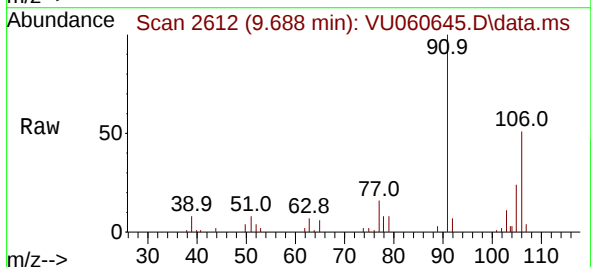
Acq: 06 Sep 2024 16:45

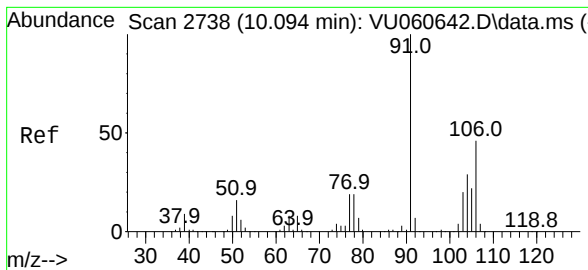
Tgt Ion:106 Resp: 12667

Ion Ratio Lower Upper

106 100

91 207.9 165.2 247.8

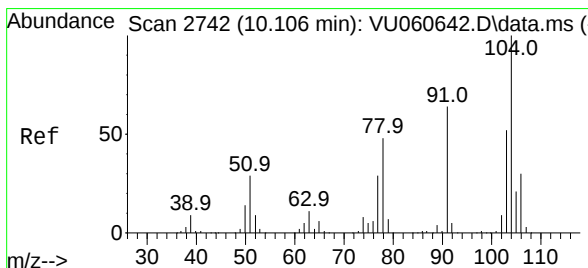
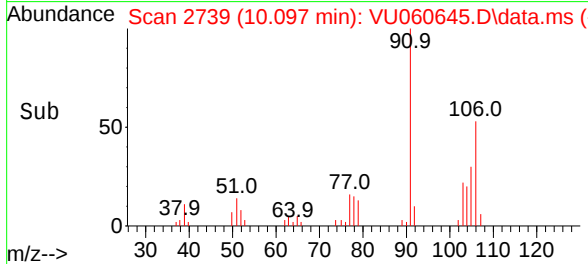
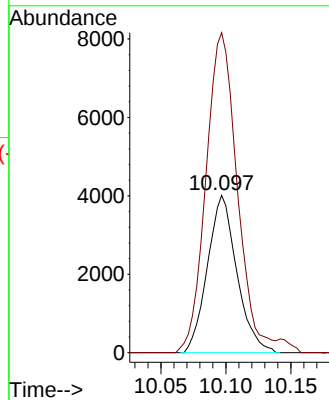
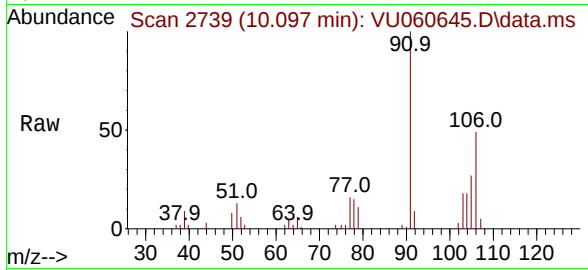




#65
o-Xylene
Concen: 0.389 ug/l
RT: 10.097 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU060645.D
Acq: 06 Sep 2024 16:45

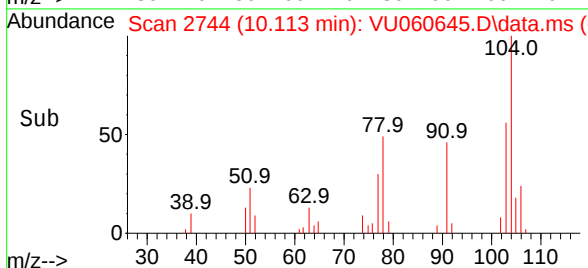
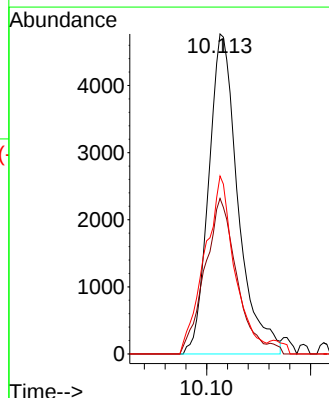
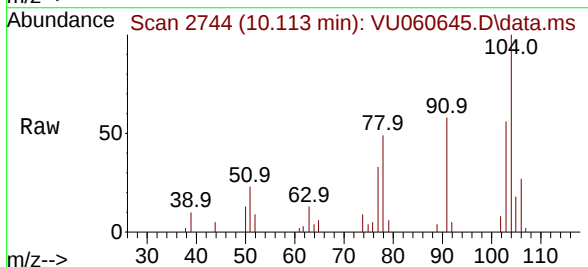
Instrument :
MSVOA_U
ClientSampleId :

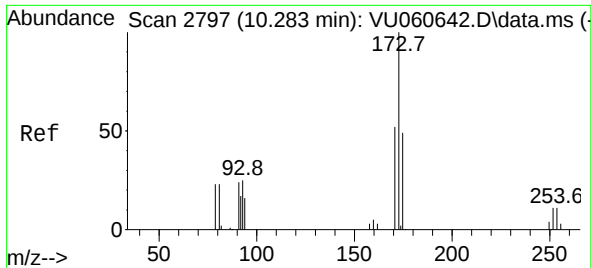
Tgt Ion:106 Resp: 6306
Ion Ratio Lower Upper
106 100
91 216.4 107.9 323.8



#66
Styrene
Concen: 0.350 ug/l
RT: 10.113 min Scan# 2744
Delta R.T. 0.006 min
Lab File: VU060645.D
Acq: 06 Sep 2024 16:45

Tgt Ion:104 Resp: 9363
Ion Ratio Lower Upper
104 100
78 53.2 41.5 62.3
103 57.1 45.3 67.9

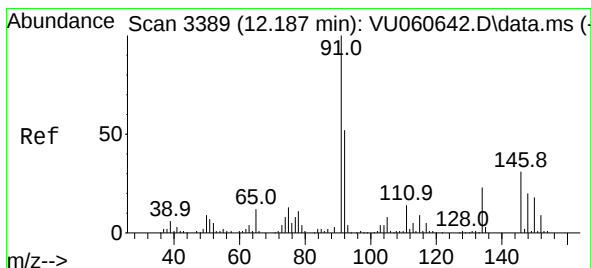
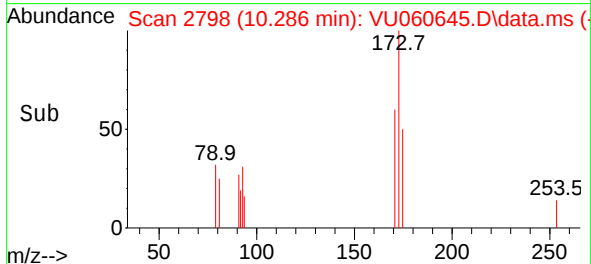
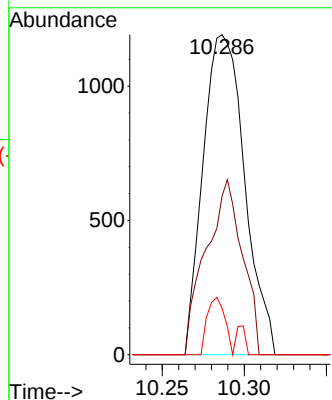
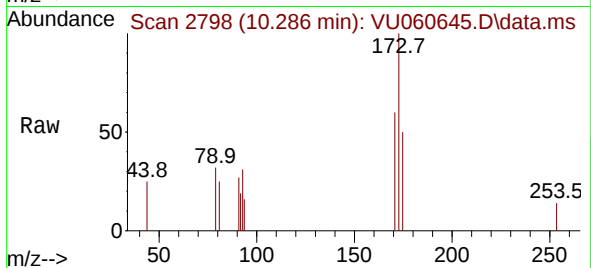




#67
Bromoform
Concen: 0.360 ug/l
RT: 10.286 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU060645.D
Acq: 06 Sep 2024 16:45

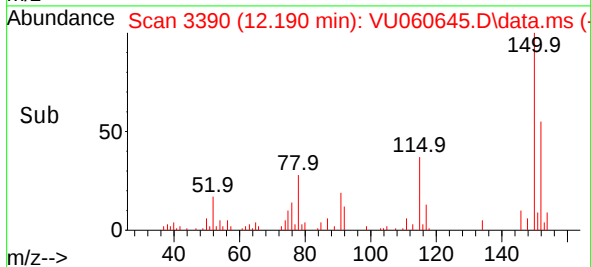
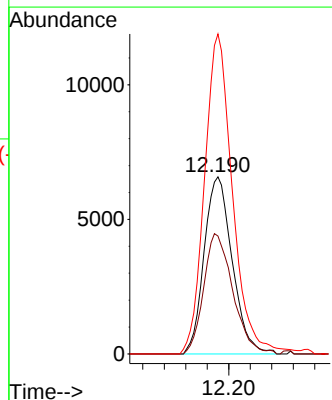
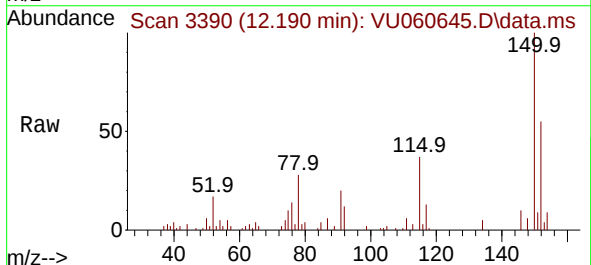
Instrument :
MSVOA_U
ClientSampleId :

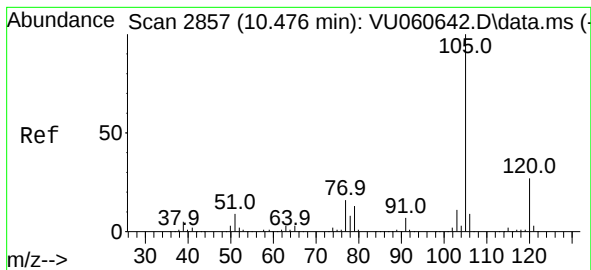
Tgt Ion:173 Resp: 2097
Ion Ratio Lower Upper
173 100
175 47.9 38.8 58.2
254 7.6 8.6 12.8#



#68
1,2-Dichlorobenzene-d4
Concen: 0.888 ug/l
RT: 12.190 min Scan# 3390
Delta R.T. 0.003 min
Lab File: VU060645.D
Acq: 06 Sep 2024 16:45

Tgt Ion:152 Resp: 11927
Ion Ratio Lower Upper
152 100
115 70.4 0.0 300.4
150 180.3 0.0 669.4





#69

Isopropylbenzene

Concen: 0.397 ug/l

RT: 10.479 min Scan# 2857

Delta R.T. 0.003 min

Lab File: VU060645.D

Acq: 06 Sep 2024 16:45

Instrument :

MSVOA_U

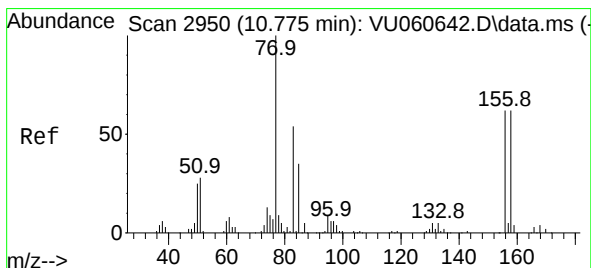
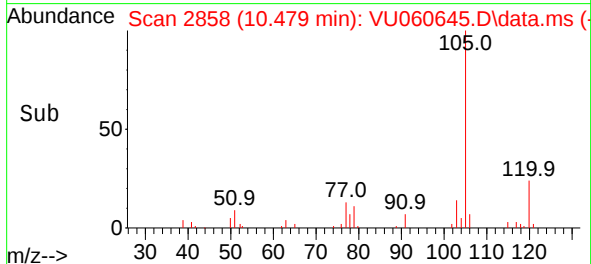
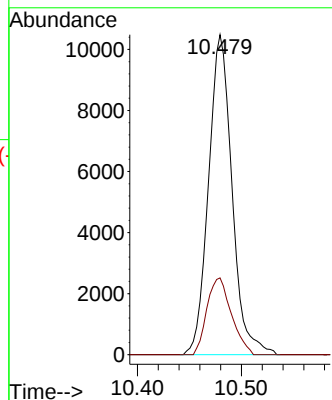
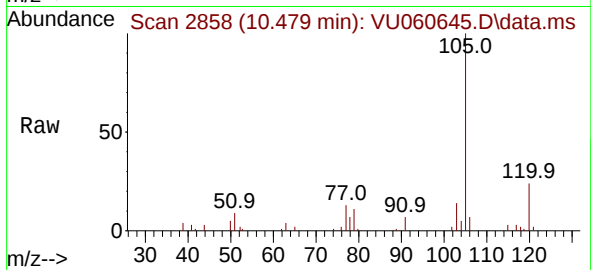
ClientSampleId :

Tgt Ion:105 Resp: 16471

Ion Ratio Lower Upper

105 100

120 24.9 13.3 39.8



#70

1,1,2,2-Tetrachloroethane

Concen: 0.361 ug/l

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU060645.D

Acq: 06 Sep 2024 16:45

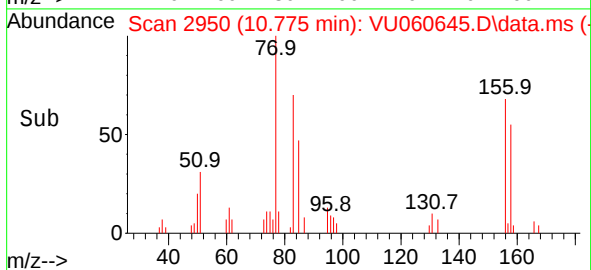
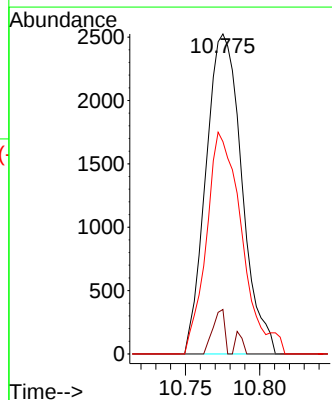
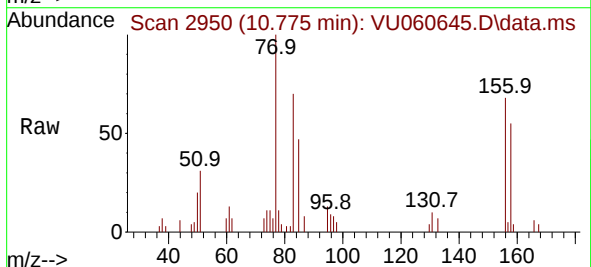
Tgt Ion: 83 Resp: 4240

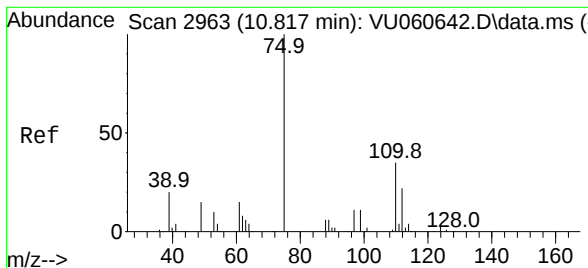
Ion Ratio Lower Upper

83 100

131 4.5 8.2 12.2#

85 68.5 52.1 78.1





#71

1,2,3-Trichloropropane

Concen: 0.345 ug/l

RT: 10.817 min Scan# 2963

Delta R.T. 0.000 min

Lab File: VU060645.D

Acq: 06 Sep 2024 16:45

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 75 Resp: 2971

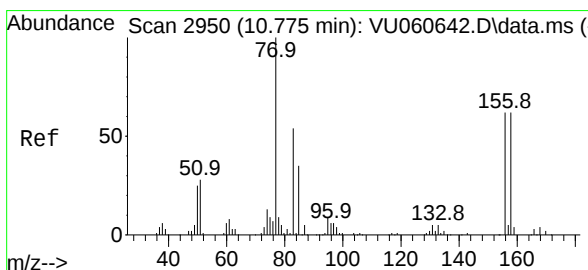
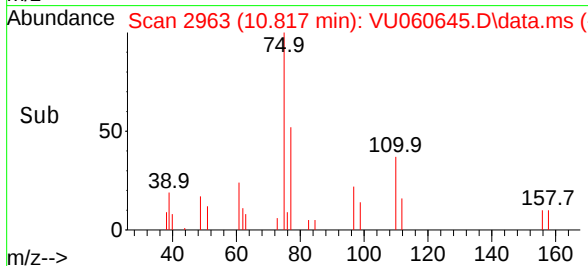
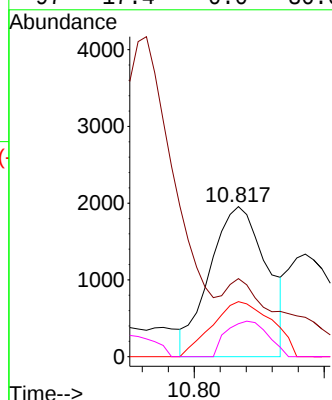
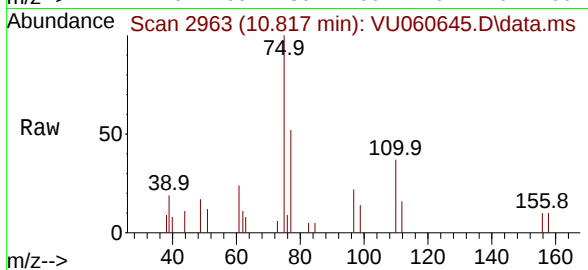
Ion Ratio Lower Upper

75 100

77 60.4 0.0 0.0#

110 38.6 0.0 68.8

97 17.4 0.0 36.0



#72

Bromobenzene

Concen: 0.439 ug/l

RT: 10.778 min Scan# 2951

Delta R.T. 0.003 min

Lab File: VU060645.D

Acq: 06 Sep 2024 16:45

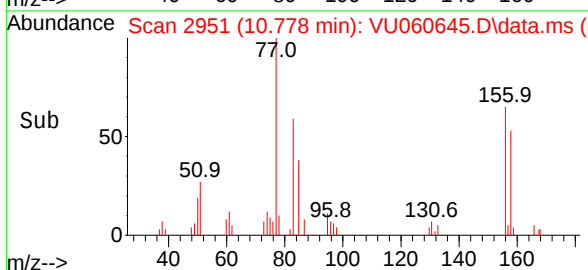
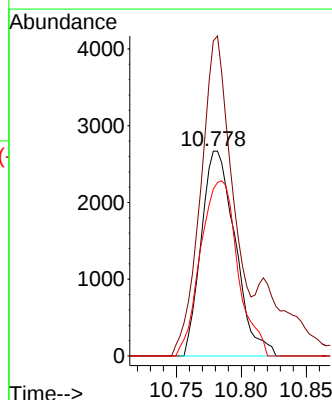
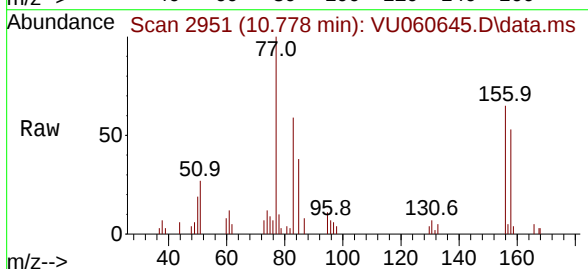
Tgt Ion: 156 Resp: 4857

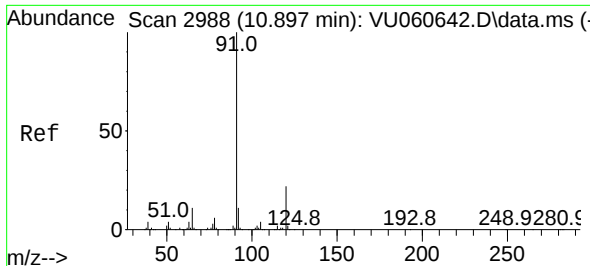
Ion Ratio Lower Upper

156 100

77 145.9 0.0 320.2

158 93.5 0.0 196.0





#73

n-propylbenzene

Concen: 0.370 ug/l

RT: 10.901 min Scan# 2989

Delta R.T. 0.003 min

Lab File: VU060645.D

Acq: 06 Sep 2024 16:45

Instrument :

MSVOA_U

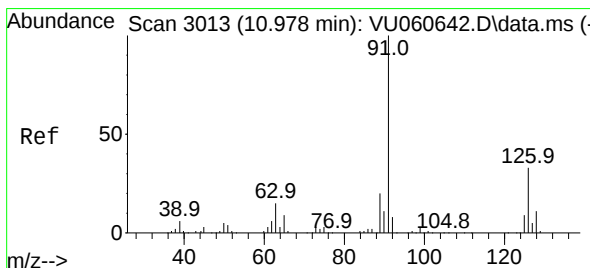
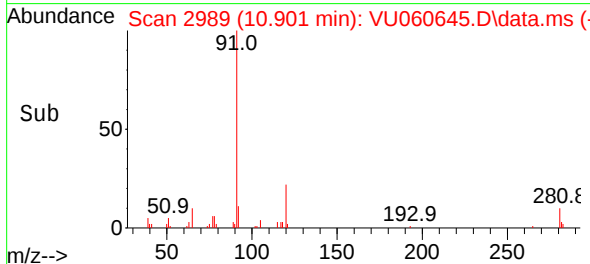
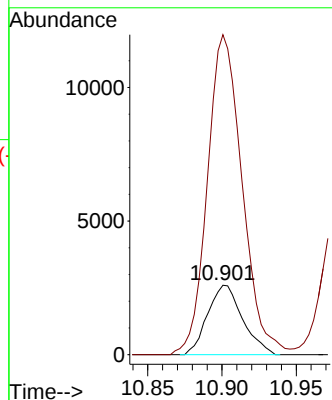
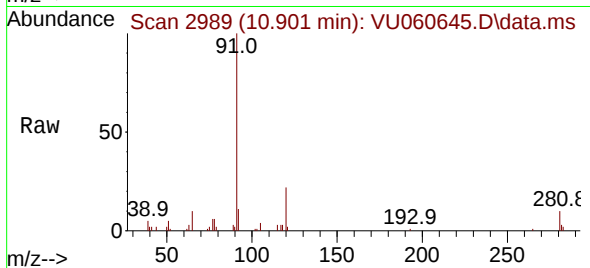
ClientSampleId :

Tgt Ion:120 Resp: 4264

Ion Ratio Lower Upper

120 100

91 457.9 358.4 537.6



#74

2-Chlorotoluene

Concen: 0.387 ug/l

RT: 10.981 min Scan# 3014

Delta R.T. 0.003 min

Lab File: VU060645.D

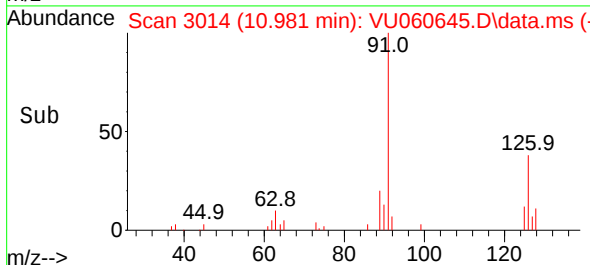
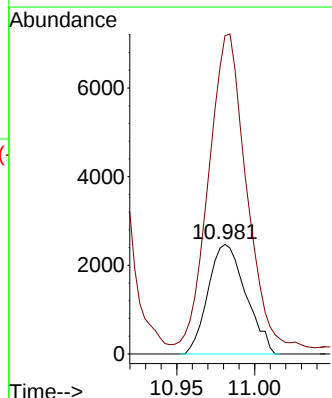
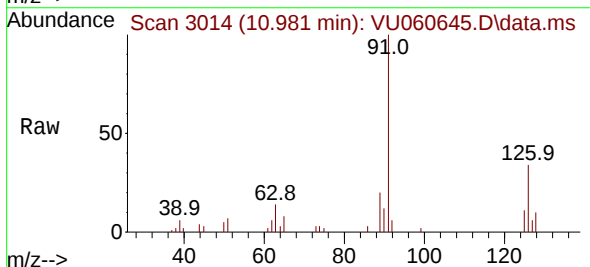
Acq: 06 Sep 2024 16:45

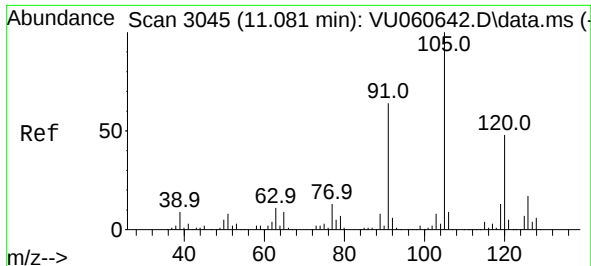
Tgt Ion:126 Resp: 4166

Ion Ratio Lower Upper

126 100

91 289.0 0.0 599.6





#75

1,3,5-Trimethylbenzene

Concen: 0.364 ug/l

RT: 11.084 min Scan# 3045

Delta R.T. 0.003 min

Lab File: VU060645.D

Acq: 06 Sep 2024 16:45

Instrument :

MSVOA_U

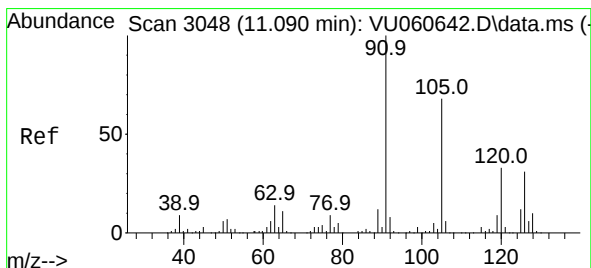
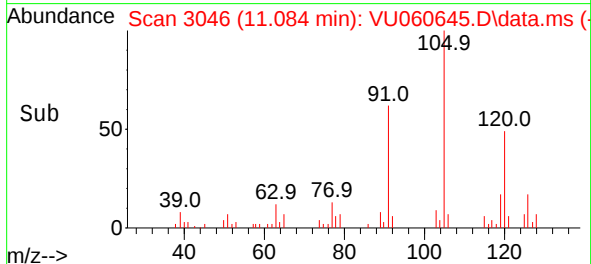
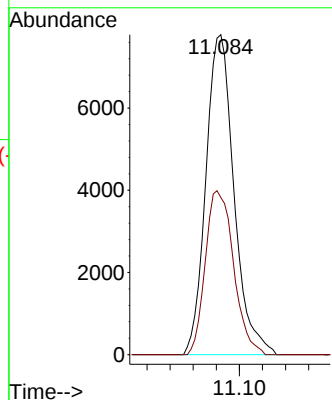
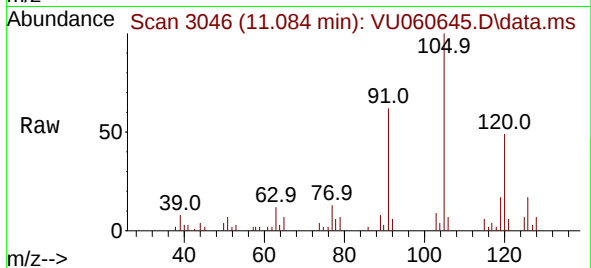
ClientSampleId :

Tgt Ion:105 Resp: 13158

Ion Ratio Lower Upper

105 100

120 51.5 38.3 57.5



#76

4-Chlorotoluene

Concen: 0.394 ug/l

RT: 11.097 min Scan# 3050

Delta R.T. 0.006 min

Lab File: VU060645.D

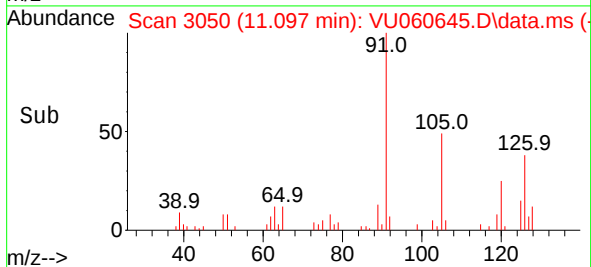
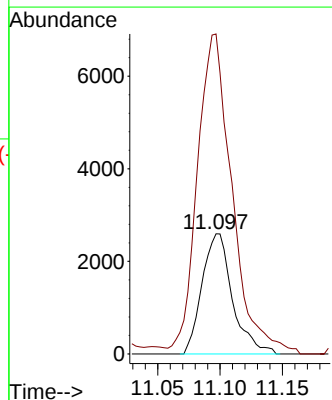
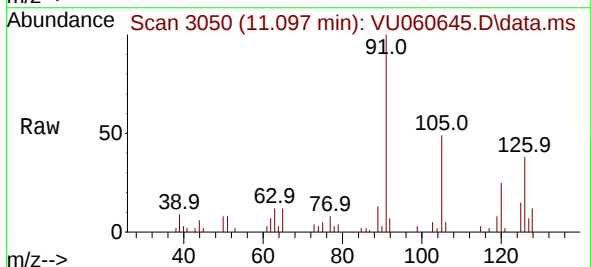
Acq: 06 Sep 2024 16:45

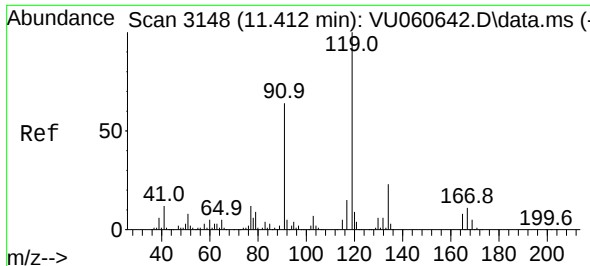
Tgt Ion:126 Resp: 4404

Ion Ratio Lower Upper

126 100

91 304.5 0.0 676.6





#77

tert-Butylbenzene

Concen: 0.410 ug/l

RT: 11.415 min Scan# 3149

Delta R.T. 0.003 min

Lab File: VU060645.D

Acq: 06 Sep 2024 16:45

Instrument :

MSVOA_U

ClientSampleId :

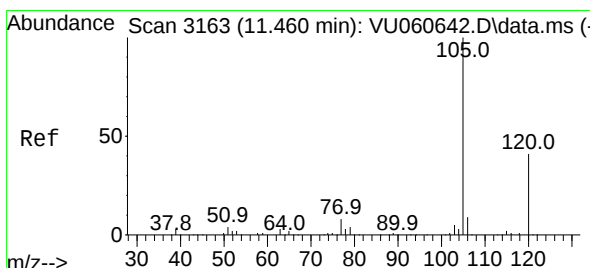
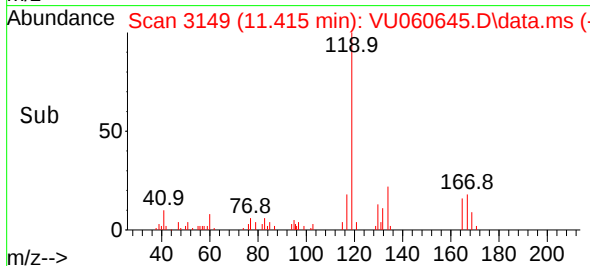
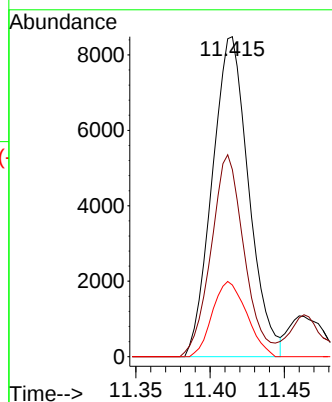
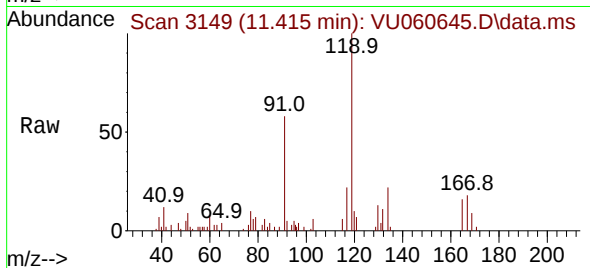
Tgt Ion:119 Resp: 14491

Ion Ratio Lower Upper

119 100

91 57.4 30.3 90.8

134 22.1 18.3 27.5



#78

1,2,4-Trimethylbenzene

Concen: 0.356 ug/l

RT: 11.463 min Scan# 3164

Delta R.T. 0.003 min

Lab File: VU060645.D

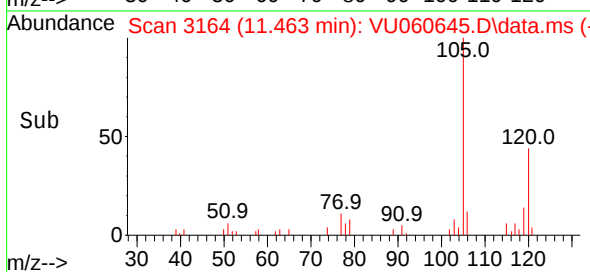
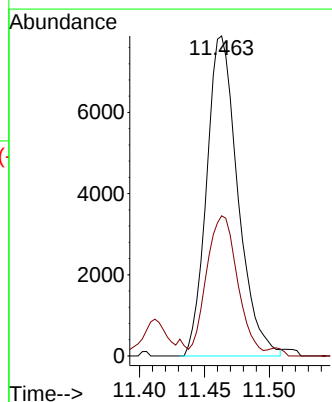
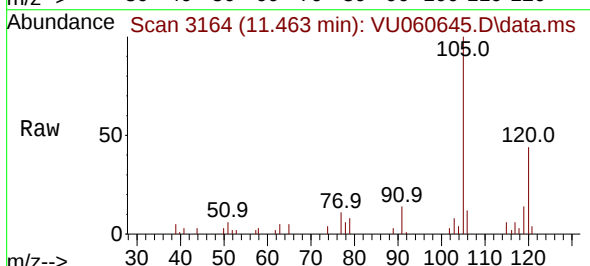
Acq: 06 Sep 2024 16:45

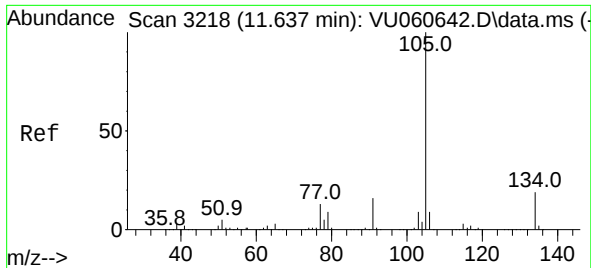
Tgt Ion:105 Resp: 13176

Ion Ratio Lower Upper

105 100

120 43.6 22.6 67.7





#79

sec-Butylbenzene

Concen: 0.368 ug/l

RT: 11.634 min Scan# 3218

Delta R.T. -0.003 min

Lab File: VU060645.D

Acq: 06 Sep 2024 16:45

Instrument :

MSVOA_U

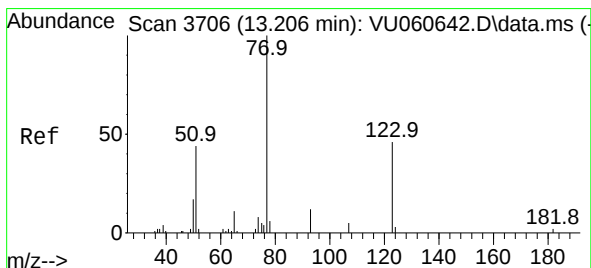
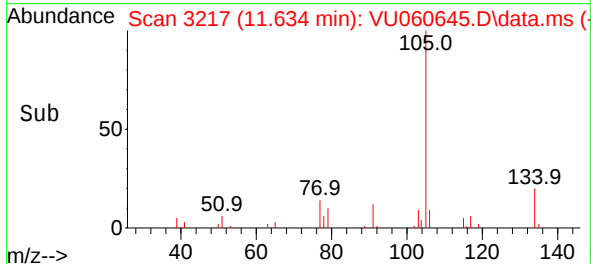
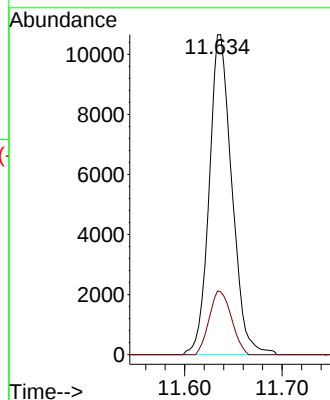
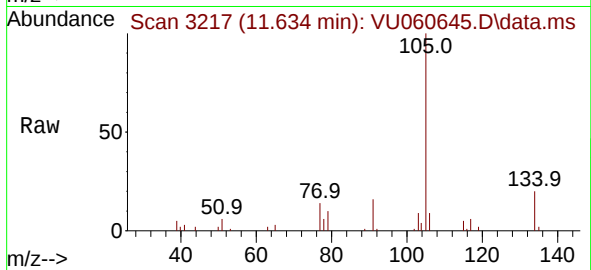
ClientSampleId :

Tgt Ion:105 Resp: 17204

Ion Ratio Lower Upper

105 100

134 19.5 15.8 23.6



#80

Nitrobenzene

Concen: 0.510 ug/l

RT: 13.248 min Scan# 3719

Delta R.T. 0.042 min

Lab File: VU060645.D

Acq: 06 Sep 2024 16:45

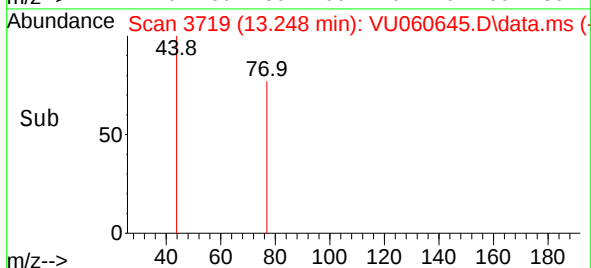
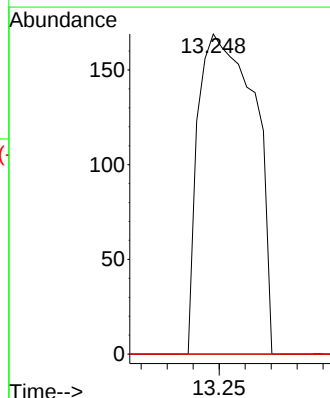
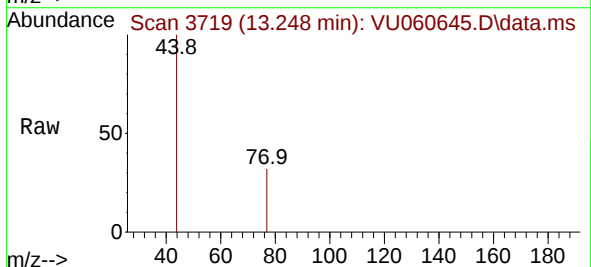
Tgt Ion: 77 Resp: 254

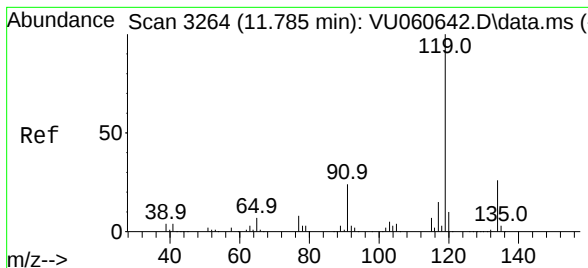
Ion Ratio Lower Upper

77 100

123 0.0 19.9 70.5#

65 0.0 9.9 12.5#





#81

p-Isopropyltoluene

Concen: 0.340 ug/l

RT: 11.788 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU060645.D

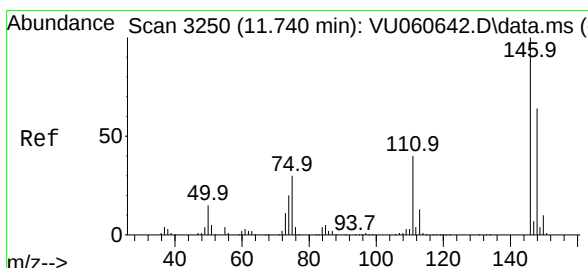
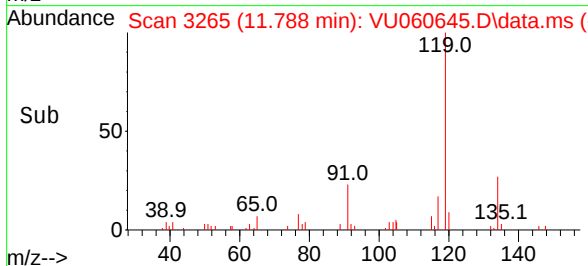
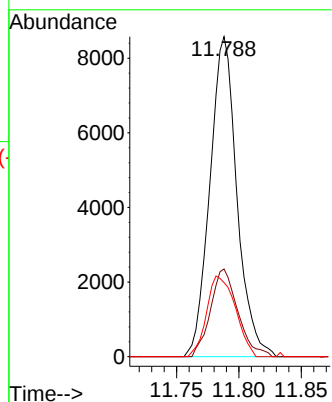
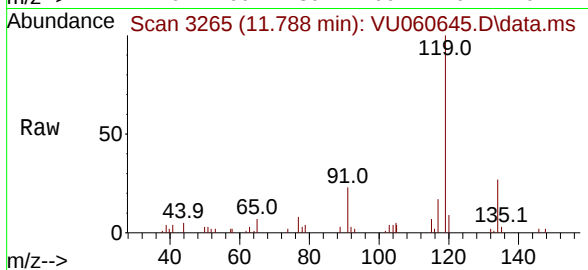
Acq: 06 Sep 2024 16:45

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:119	Resp:	12951
Ion Ratio	Lower	Upper
119	100	
134	27.7	20.9 31.3
91	26.7	19.5 29.3



#82

1,3-Dichlorobenzene

Concen: 0.400 ug/l

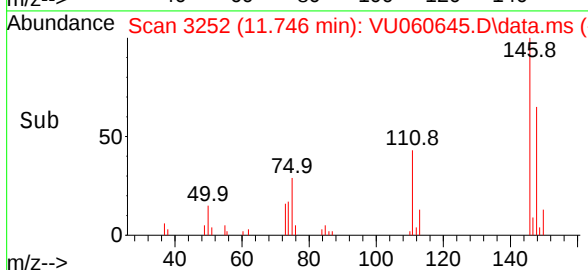
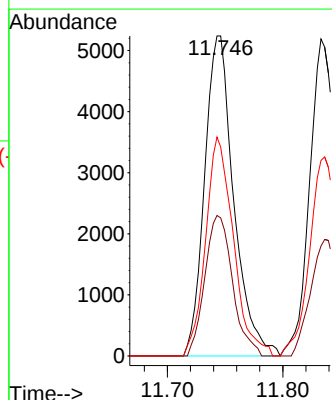
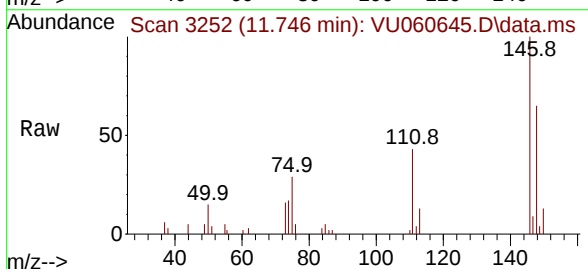
RT: 11.746 min Scan# 3252

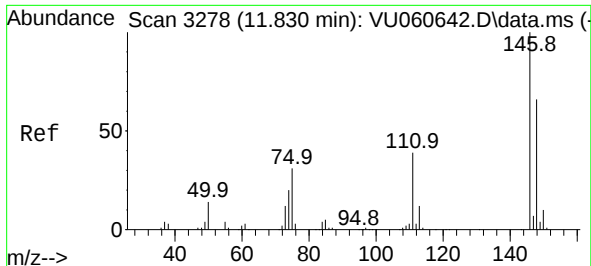
Delta R.T. 0.006 min

Lab File: VU060645.D

Acq: 06 Sep 2024 16:45

Tgt Ion:146	Resp:	9191
Ion Ratio	Lower	Upper
146	100	
111	41.7	33.0 49.4
148	65.3	51.8 77.6





#83

1,4-Dichlorobenzene

Concen: 0.420 ug/l

RT: 11.833 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU060645.D

Acq: 06 Sep 2024 16:45

Instrument :

MSVOA_U

ClientSampleId :

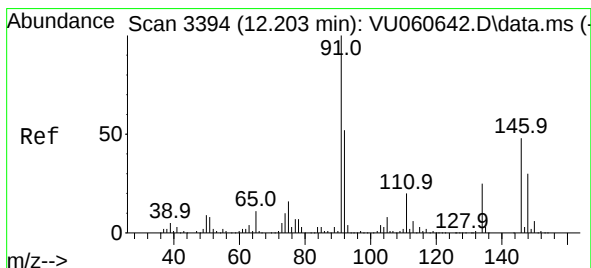
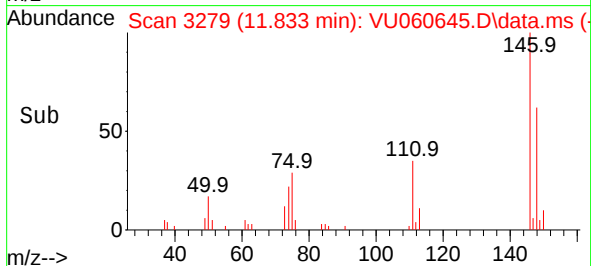
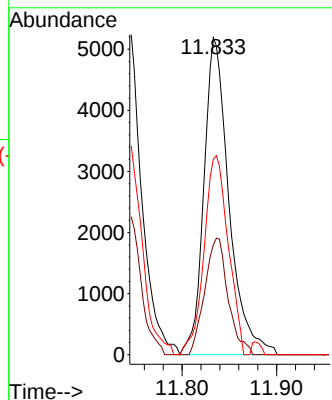
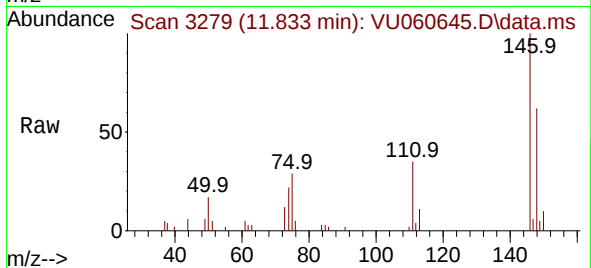
Tgt Ion:146 Resp: 9569

Ion Ratio Lower Upper

146 100

111 34.3 31.8 47.6

148 60.6 52.1 78.1



#84

n-Butylbenzene

Concen: 0.359 ug/l

RT: 12.206 min Scan# 3395

Delta R.T. 0.003 min

Lab File: VU060645.D

Acq: 06 Sep 2024 16:45

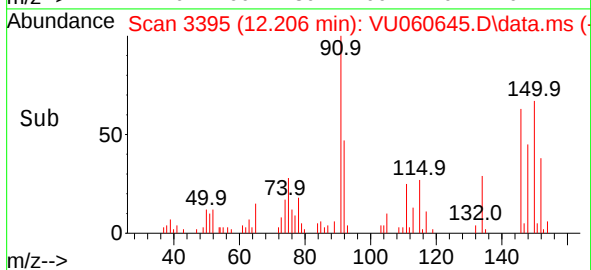
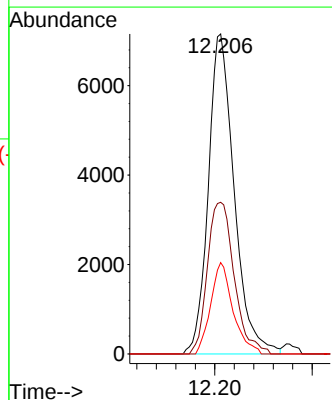
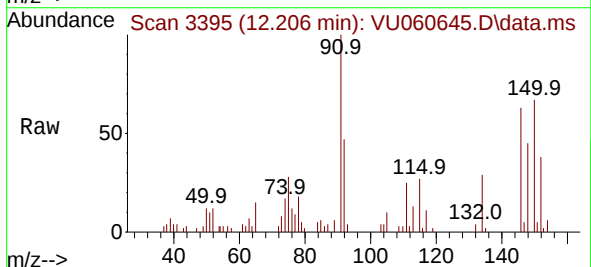
Tgt Ion: 91 Resp: 13190

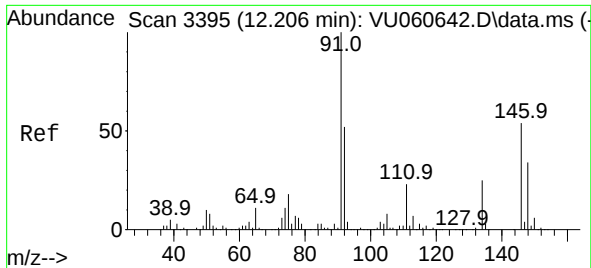
Ion Ratio Lower Upper

91 100

92 49.1 41.3 61.9

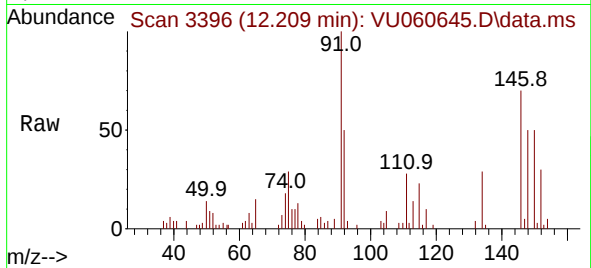
134 24.6 19.8 29.8



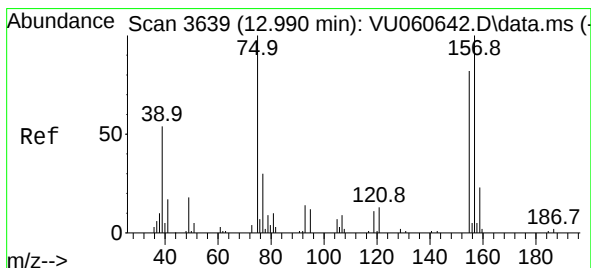
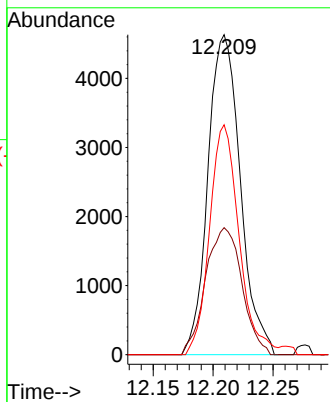
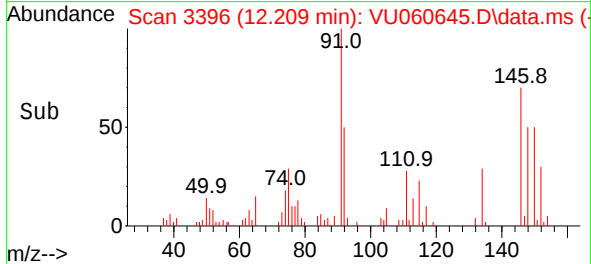


#85
 1,2-Dichlorobenzene
 Concen: 0.392 ug/l
 RT: 12.209 min Scan# 3395
 Delta R.T. 0.003 min
 Lab File: VU060645.D
 Acq: 06 Sep 2024 16:45

Instrument :
 MSVOA_U
 ClientSampleId :

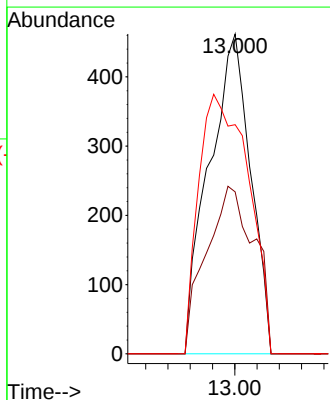
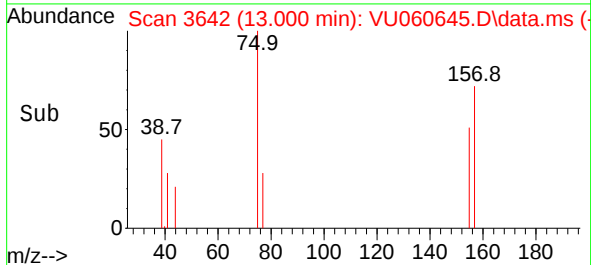
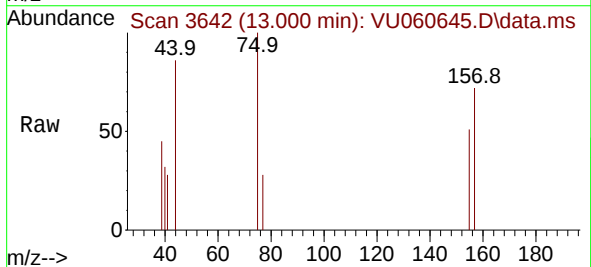


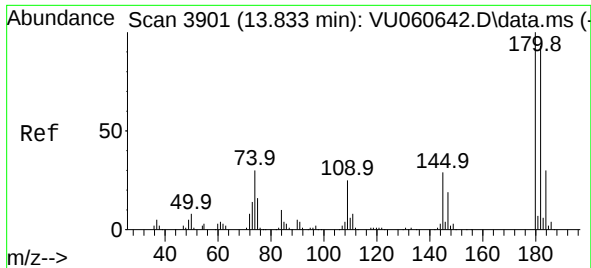
Tgt Ion:146 Resp: 8707
 Ion Ratio Lower Upper
 146 100
 111 44.4 21.1 63.1
 148 65.5 31.6 94.8



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 0.347 ug/l
 RT: 13.000 min Scan# 3642
 Delta R.T. 0.010 min
 Lab File: VU060645.D
 Acq: 06 Sep 2024 16:45

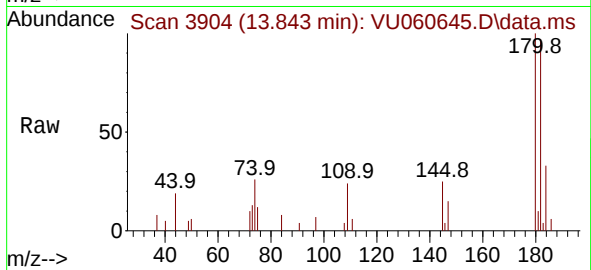
Tgt Ion: 75 Resp: 597
 Ion Ratio Lower Upper
 75 100
 155 60.6 67.6 101.4#
 157 97.5 81.0 121.6



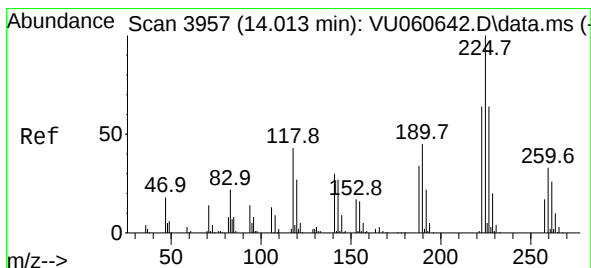
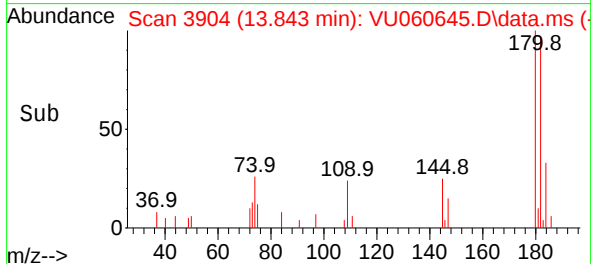
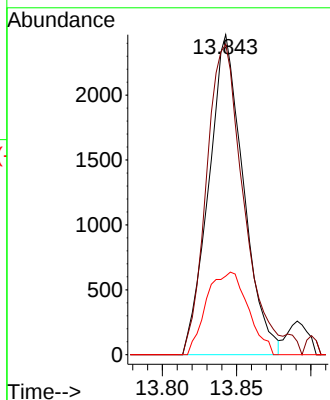


#87
1,2,4-Trichlorobenzene
Concen: 0.314 ug/l
RT: 13.843 min Scan# 3904
Delta R.T. 0.010 min
Lab File: VU060645.D
Acq: 06 Sep 2024 16:45

Instrument :
MSVOA_U
ClientSampleId :

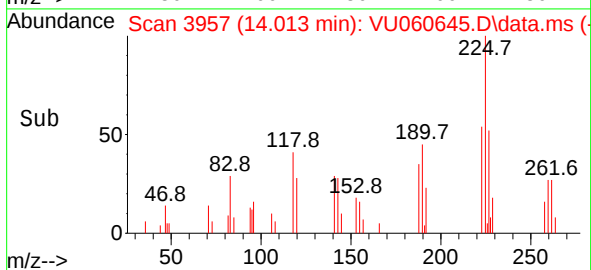
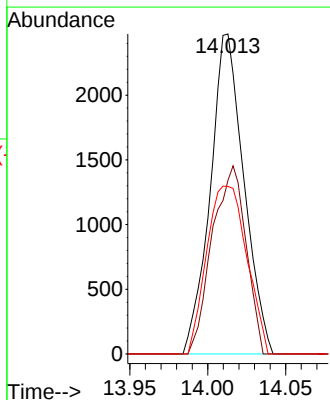
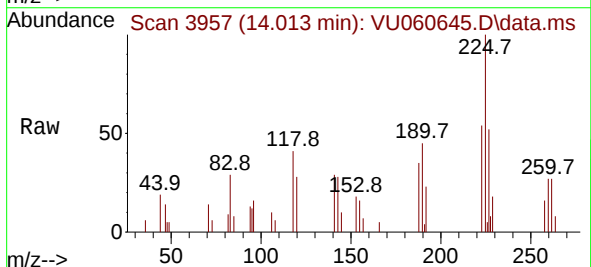


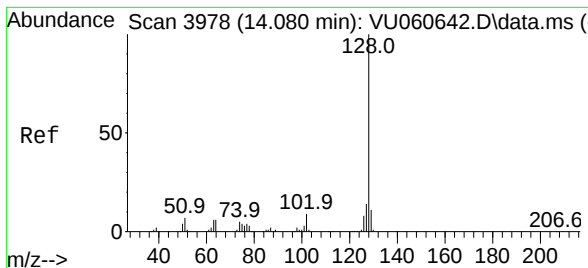
Tgt Ion:180 Resp: 3999
Ion Ratio Lower Upper
180 100
182 105.4 75.0 112.4
145 30.9 23.8 35.6



#88
Hexachlorobutadiene
Concen: 0.448 ug/l
RT: 14.013 min Scan# 3957
Delta R.T. 0.000 min
Lab File: VU060645.D
Acq: 06 Sep 2024 16:45

Tgt Ion:225 Resp: 3718
Ion Ratio Lower Upper
225 100
223 58.8 50.3 75.5
227 62.4 50.6 76.0





#89

Naphthalene

Concen: 0.208 ug/l

RT: 14.093 min Scan# 3982

Delta R.T. 0.013 min

Lab File: VU060645.D

Acq: 06 Sep 2024 16:45

Instrument :

MSVOA_U

ClientSampleId :

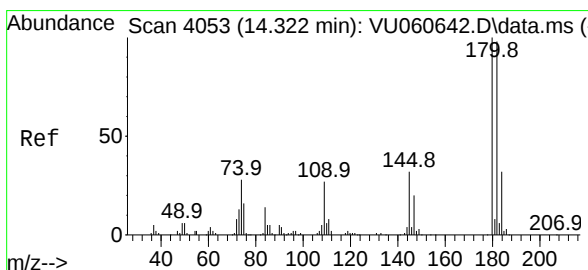
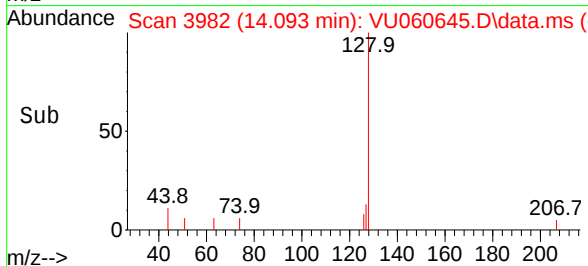
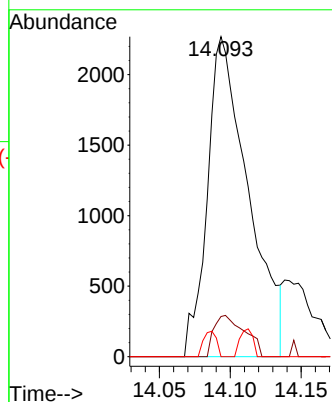
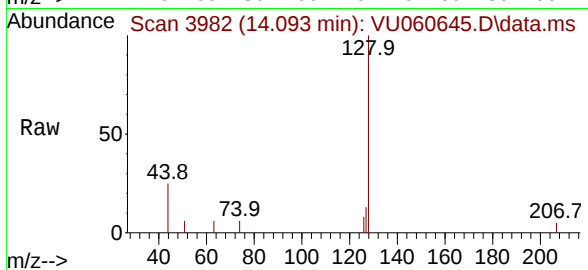
Tgt Ion:128 Resp: 4542

Ion Ratio Lower Upper

128 100

127 9.8 11.0 16.4#

129 2.5 8.6 13.0#



#90

1,2,3-Trichlorobenzene

Concen: 0.277 ug/l

RT: 14.328 min Scan# 4055

Delta R.T. 0.006 min

Lab File: VU060645.D

Acq: 06 Sep 2024 16:45

Tgt Ion:180 Resp: 3379

Ion Ratio Lower Upper

180 100

182 103.0 77.1 115.7

145 28.5 25.4 38.0

