

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090624\
 Data File : VU060643.D
 Acq On : 06 Sep 2024 14:06
 Operator : MD/SY
 Sample : VSTDICC015
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 07 00:37:50 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	43605	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	16216	1.089	ug/l	0.00
Spiked Amount 1.000			Recovery	=	109.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	16785	1.046	ug/l	0.00
Spiked Amount 1.000			Recovery	=	105.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	272093	15.855	ug/l	98
3) Chloromethane	1.518	50	256570	13.394	ug/l	99
4) Vinyl Chloride	1.602	62	264638	13.894	ug/l	100
5) Bromomethane	1.856	94	161390	13.717	ug/l	98
6) Chloroethane	1.930	64	145983	12.794	ug/l	99
7) Trichlorofluoromethane	2.133	101	403058	17.070	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.570	101	164128	13.236	ug/l	99
9) 1,1-Dichloroethene	2.570	96	167292	12.978	ug/l	98
10) Iodomethane	2.715	142	242419	12.916	ug/l	98
11) Allyl Chloride	2.914	41	230018	13.143	ug/l	100
12) Acrylonitrile	3.322	53	76763	23.029	ug/l	94
13) Acetone	2.653	43	348596	79.949	ug/l	100
14) Carbon Disulfide	2.785	76	555859	12.805	ug/l	100
15) Methylene Chloride	3.036	84	195548	12.197	ug/l	98
16) trans-1,2-Dichloroethene	3.342	96	182146	13.239	ug/l	98
17) 1,1-Dichloroethane	3.856	63	338084	12.784	ug/l	99
18) 2-Butanone	4.714	43	394764	80.301	ug/l	98
19) Cyclohexane	5.380	56	264680	11.665	ug/l	88
20) Methylcyclohexane	6.756	83	318700	17.294	ug/l	100
21) 2,2-Dichloropropane	4.653	77	284959	13.664	ug/l	100
22) cis-1,2-Dichloroethene	4.657	96	193463	13.124	ug/l	98
23) Diethyl Ether	2.367	59	138004	13.161	ug/l	99
24) tert-Butyl Alcohol	3.264	59	12964	10.193	ug/l	# 91
25) Methyl tert-Butyl Ether	3.358	73	405979	12.876	ug/l	100
26) Bromochloromethane	4.965	128	84688	13.415	ug/l	98
27) Chloroform	5.078	83	349450	13.401	ug/l	99
28) 1,1,1-Trichloroethane	5.306	97	313696	14.283	ug/l	99
29) 1,1-Dichloropropene	5.518	75	260029	14.731	ug/l	100
30) Carbon Tetrachloride	5.515	117	282571	15.558	ug/l	99
31) Isopropyl Ether	3.981	45	485671	12.724	ug/l	98
32) Ethyl-t-butyl ether	4.493	59	471683	12.721	ug/l	100
33) Tert-Amyl methyl ether	5.933	73	423004	15.599	ug/l	99
34) Propionitrile	4.801	54	72364	53.967	ug/l	# 7
35) Benzene	5.766	78	744637	13.925	ug/l	99
36) 1,2-Dichloroethane	5.785	62	222585	14.722	ug/l	100
37) Trichloroethene	6.534	130	197340	14.778	ug/l	100
38) 1,2-Dichloropropane	6.782	63	196727	13.624	ug/l	100
39) Methacrylonitrile	4.968	41	54118	11.289	ug/l	97
40) Methyl acrylate	4.843	55	103605	12.155	ug/l	99
41) Tetrahydrofuran	5.065	42	53414	20.289	ug/l	93
42) 1-Chlorobutane	5.448	56	348045	14.424	ug/l	100
43) Dibromomethane	6.911	93	93618	12.806	ug/l	98
44) Bromodichloromethane	7.097	83	247864	14.022	ug/l	98

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 ALS Vial : 7 Sample Multiplier: 1

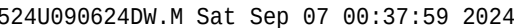
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 MSVOA_U
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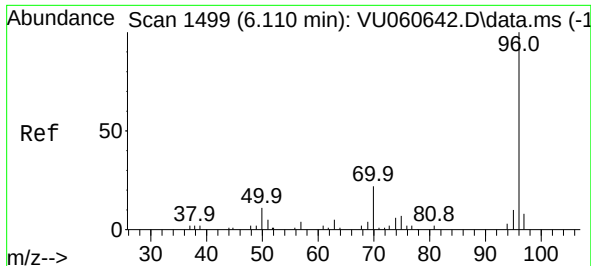
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U090624DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Sat Sep 07 00:33:26 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.788	43	555156	79.808	ug/l	99
46) t-1,4-Dichloro-2-butene	10.833	75	235752	61.140	ug/l #	63
47) Methyl methacrylate	6.956	69	181547	30.647	ug/l	98
48) Ethyl methacrylate	8.328	69	172211	16.911	ug/l	100
49) Toluene	7.962	92	466899	15.734	ug/l	100
50) t-1,3-Dichloropropene	8.203	75	234313	15.926	ug/l	100
51) cis-1,3-Dichloropropene	7.599	75	281294	15.917	ug/l	99
52) 1,1,2-Trichloroethane	8.393	97	134652	12.651	ug/l	98
53) 1,3-Dichloropropane	8.566	76	239045	13.951	ug/l	97
54) 2-Hexanone	8.682	43	594672	105.920	ug/l	99
55) Dibromochloromethane	8.801	129	167899	14.110	ug/l	98
56) 1,2-Dibromoethane	8.917	107	123643	12.962	ug/l	99
58) Tetrachloroethene	8.547	164	182986	15.128	ug/l	96
59) Chlorobenzene	9.441	112	505247	15.573	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.525	131	181494	14.266	ug/l	99
61) Pentachloroethane	11.422	117	146472	13.738	ug/l	98
62) Hexachloroethane	12.467	117	155581	14.968	ug/l	98
63) Ethyl Benzene	9.563	91	893109	17.579	ug/l	99
64) m/p-Xylenes	9.685	106	693381	34.462	ug/l	99
65) o-Xylene	10.094	106	336463	17.351	ug/l	100
66) Styrene	10.107	104	554727	17.347	ug/l	99
67) Bromoform	10.283	173	97720	14.043	ug/l	99
69) Isopropylbenzene	10.476	105	880853	17.762	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.775	83	176061	12.540	ug/l	99
71) 1,2,3-Trichloropropane	10.833	75	235752	22.890	ug/l #	77
72) Bromobenzene	10.775	156	205084	15.496	ug/l	98
73) n-propylbenzene	10.897	120	248170	18.002	ug/l	97
74) 2-Chlorotoluene	10.978	126	213105	16.553	ug/l	99
75) 1,3,5-Trimethylbenzene	11.081	105	784983	18.149	ug/l	99
76) 4-Chlorotoluene	11.090	126	219794	16.437	ug/l	98
77) tert-Butylbenzene	11.412	119	737277	17.461	ug/l	99
78) 1,2,4-Trimethylbenzene	11.460	105	804351	18.207	ug/l	100
79) sec-Butylbenzene	11.637	105	973214	17.403	ug/l	100
80) Nitrobenzene	13.203	77	30257	50.827	ug/l	94
81) p-Isopropyltoluene	11.785	119	840630	18.485	ug/l	100
82) 1,3-Dichlorobenzene	11.740	146	427141	15.545	ug/l	100
83) 1,4-Dichlorobenzene	11.830	146	422767	15.534	ug/l	100
84) n-Butylbenzene	12.200	91	776120	17.662	ug/l	100
85) 1,2-Dichlorobenzene	12.206	146	399249	15.051	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.987	75	28025	13.632	ug/l	97
87) 1,2,4-Trichlorobenzene	13.833	180	249073	16.383	ug/l	100
88) Hexachlorobutadiene	14.013	225	156411	15.764	ug/l	99
89) Naphthalene	14.081	128	392910	15.047	ug/l	99
90) 1,2,3-Trichlorobenzene	14.322	180	219536	15.072	ug/l	99

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

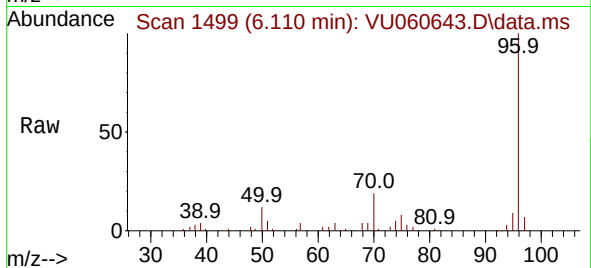
Quant Time: Sep 07 00:37:50 2024
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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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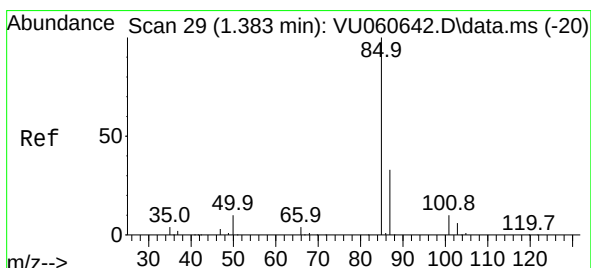
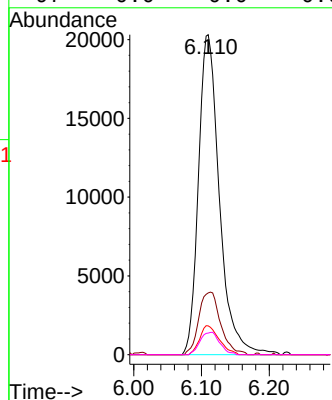
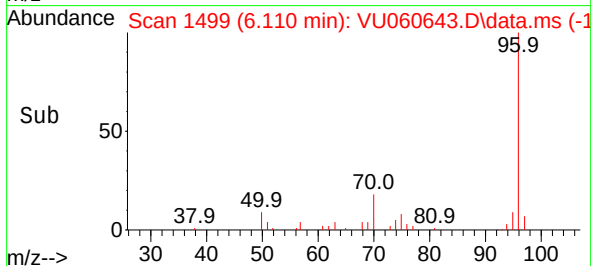


#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 1499
Delta R.T. -0.000 min
Lab File: VU060643.D
Acq: 06 Sep 2024 14:06

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MSVOA_U
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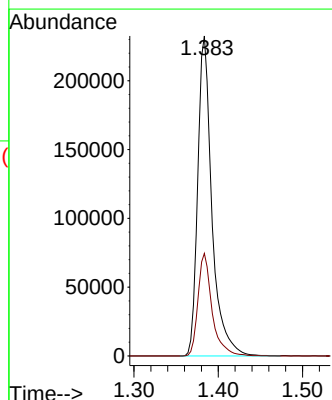
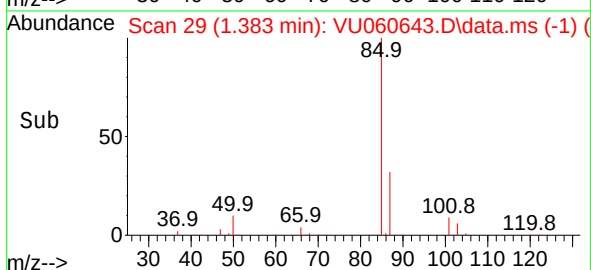
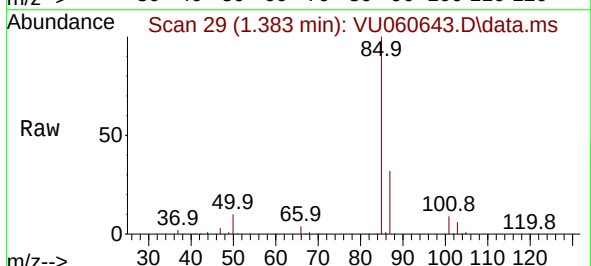


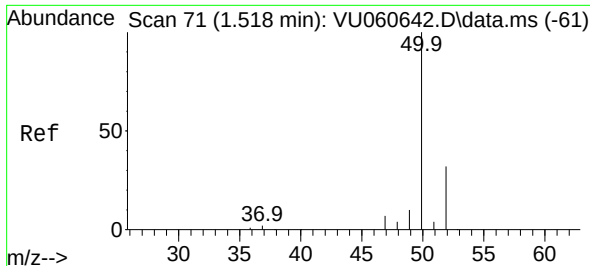
Tgt Ion: 96	Resp: 43605
Ion Ratio	Lower Upper
96 100	
70 20.3	16.5 24.7
95 0.0	7.7 11.5#
97 0.0	0.0 0.0



#2
Dichlorodifluoromethane
Concen: 15.855 ug/l
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU060643.D
Acq: 06 Sep 2024 14:06

Tgt Ion: 85	Resp: 272093
Ion Ratio	Lower Upper
85 100	
87 32.0	16.6 49.8

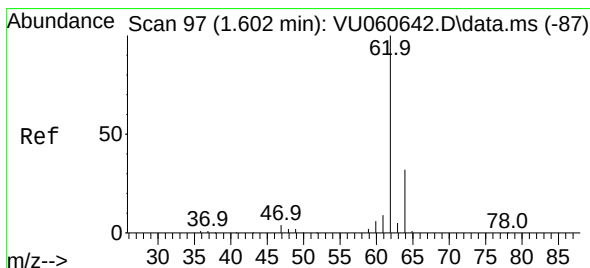
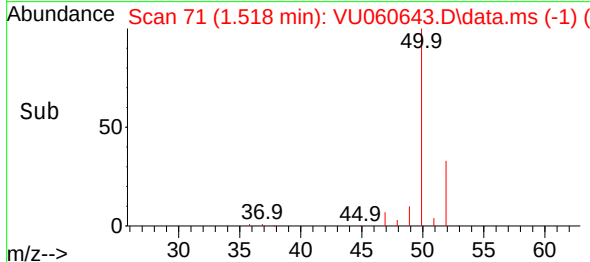
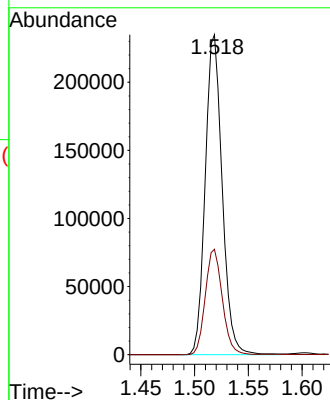
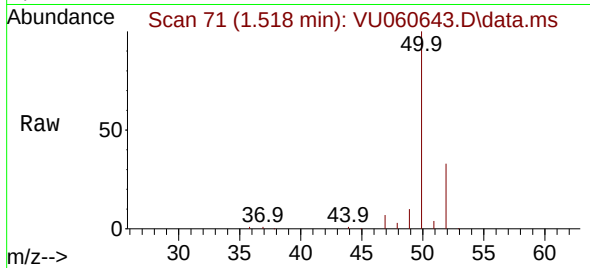




#3
Chloromethane
Concen: 13.394 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU060643.D
Acq: 06 Sep 2024 14:06

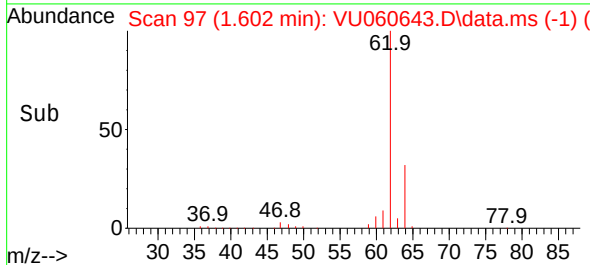
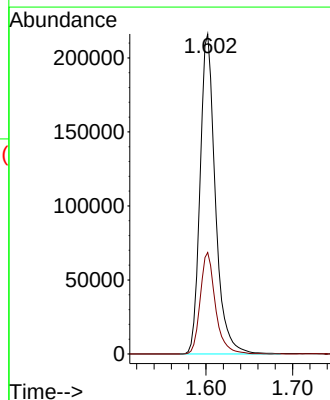
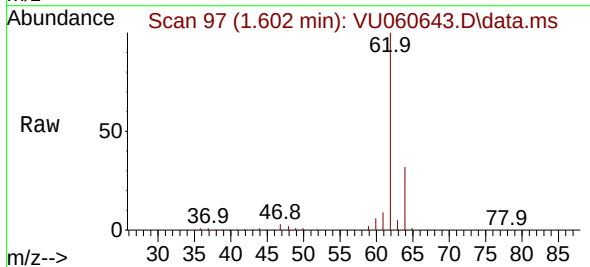
Instrument :
MSVOA_U
ClientSampleId :

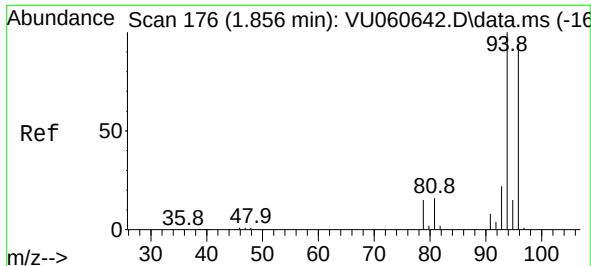
Tgt Ion: 50 Resp: 256570
Ion Ratio Lower Upper
50 100
52 32.9 25.8 38.8



#4
Vinyl Chloride
Concen: 13.894 ug/l
RT: 1.602 min Scan# 97
Delta R.T. 0.000 min
Lab File: VU060643.D
Acq: 06 Sep 2024 14:06

Tgt Ion: 62 Resp: 264638
Ion Ratio Lower Upper
62 100
64 31.7 25.5 38.3

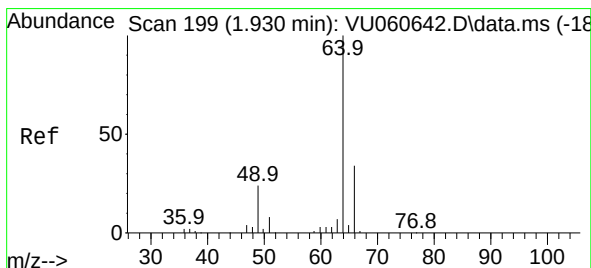
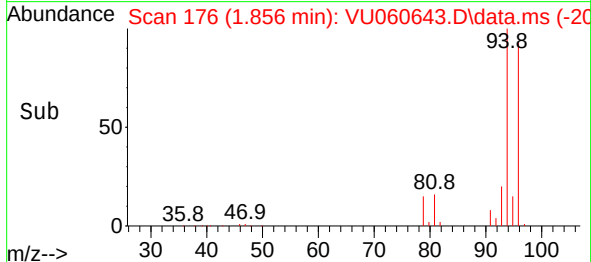
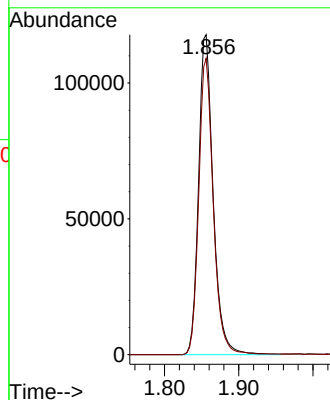
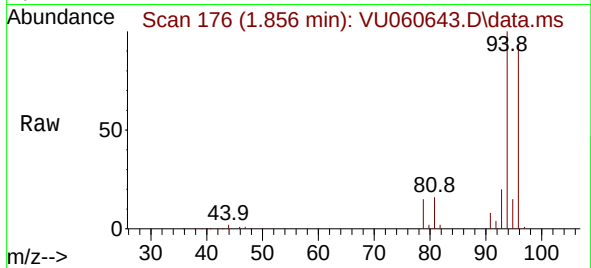




#5
Bromomethane
Concen: 13.717 ug/l
RT: 1.856 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU060643.D
Acq: 06 Sep 2024 14:06

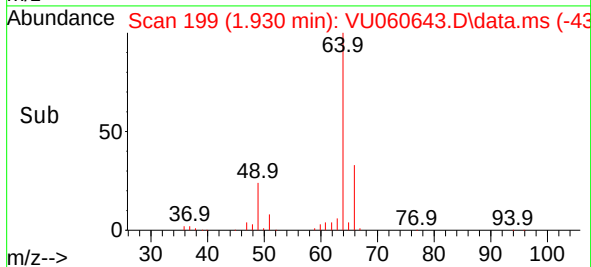
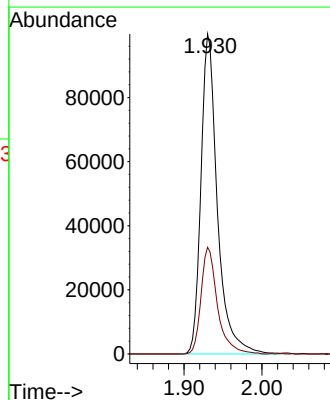
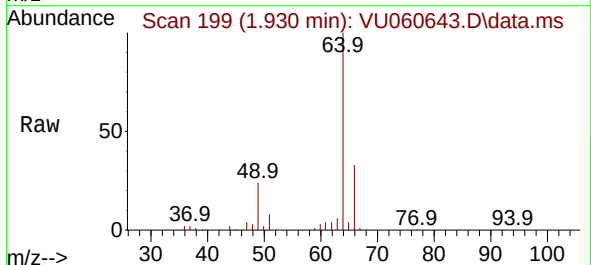
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MSVOA_U
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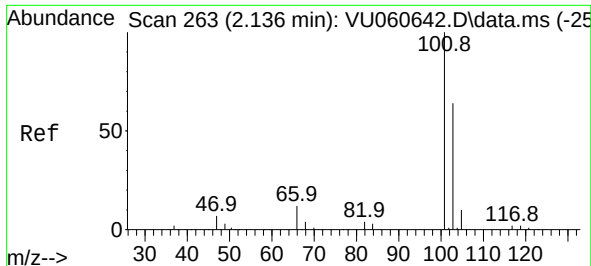
Tgt Ion: 94 Resp: 161390
Ion Ratio Lower Upper
94 100
96 92.6 75.3 112.9



#6
Chloroethane
Concen: 12.794 ug/l
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU060643.D
Acq: 06 Sep 2024 14:06

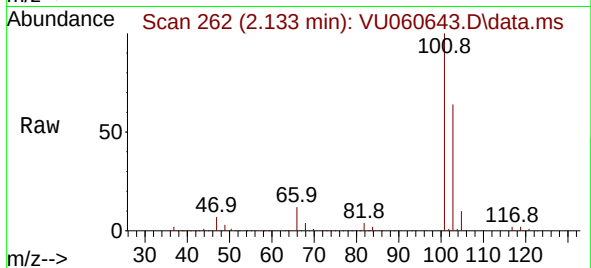
Tgt Ion: 64 Resp: 145983
Ion Ratio Lower Upper
64 100
66 33.3 27.0 40.4



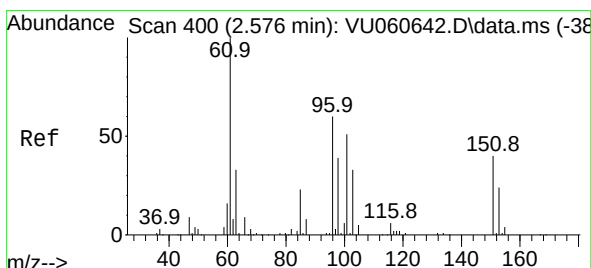
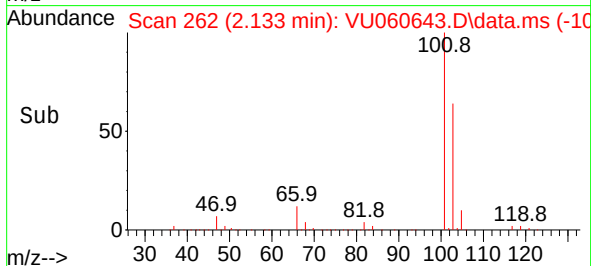
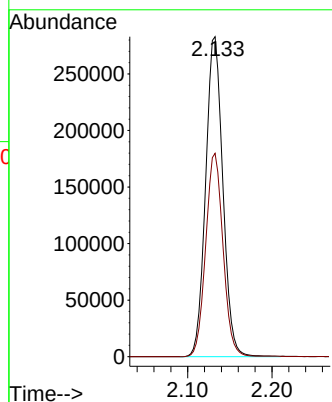


#7
Trichlorofluoromethane
Concen: 17.070 ug/l
RT: 2.133 min Scan# 20
Delta R.T. -0.003 min
Lab File: VU060643.D
Acq: 06 Sep 2024 14:06

Instrument :
MSVOA_U
ClientSampleId :

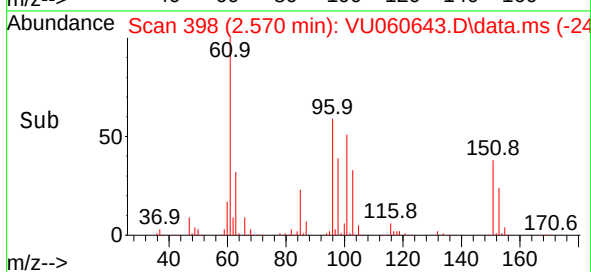
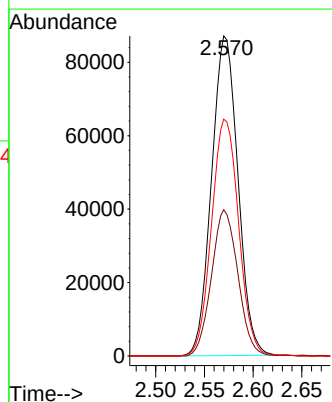
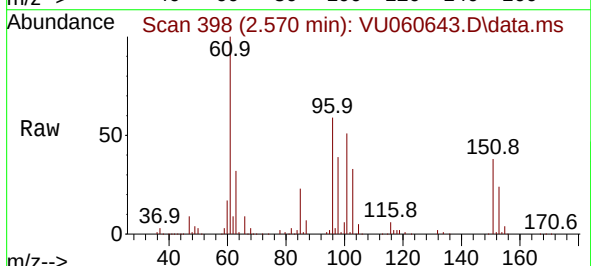


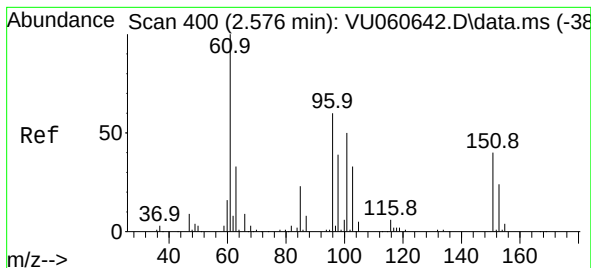
Tgt Ion:101 Resp: 403058
Ion Ratio Lower Upper
101 100
103 63.6 51.6 77.4



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 13.236 ug/l
RT: 2.570 min Scan# 398
Delta R.T. -0.006 min
Lab File: VU060643.D
Acq: 06 Sep 2024 14:06

Tgt Ion:101 Resp: 164128
Ion Ratio Lower Upper
101 100
85 45.5 36.2 54.2
151 76.2 62.2 93.4





#9

1,1-Dichloroethene

Concen: 12.978 ug/l

RT: 2.570 min Scan# 398

Delta R.T. -0.006 min

Lab File: VU060643.D

Acq: 06 Sep 2024 14:06

Instrument :

MSVOA_U

ClientSampleId :

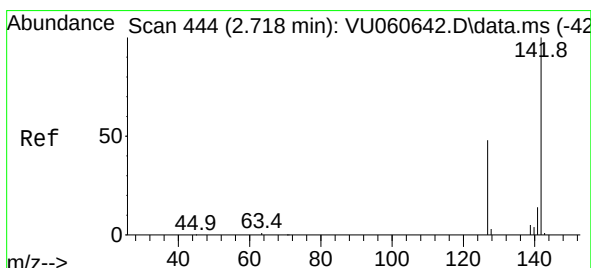
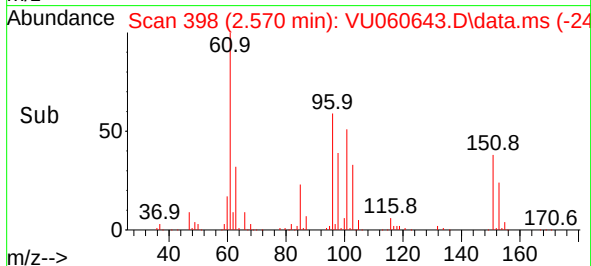
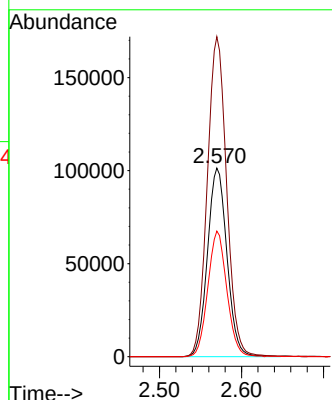
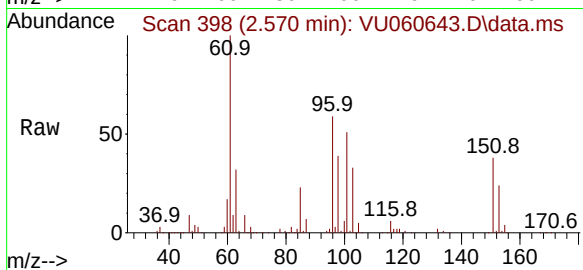
Tgt Ion: 96 Resp: 167292

Ion Ratio Lower Upper

96 100

61 169.6 0.0 501.0

98 66.6 0.0 128.8



#10

Iodomethane

Concen: 12.916 ug/l

RT: 2.715 min Scan# 443

Delta R.T. -0.003 min

Lab File: VU060643.D

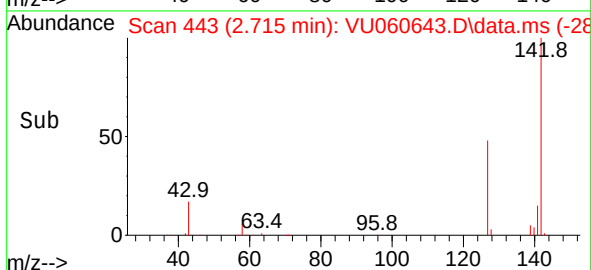
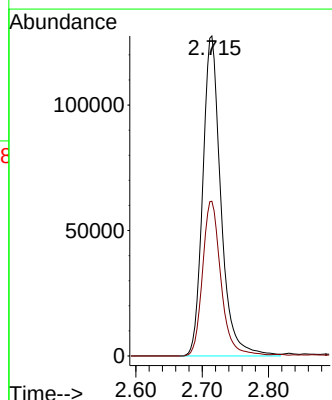
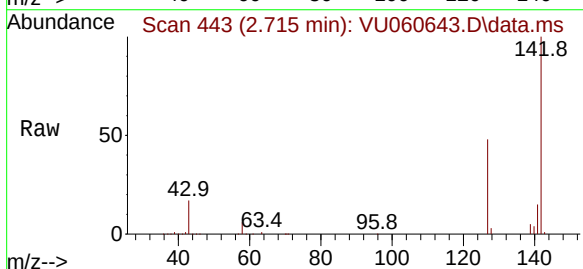
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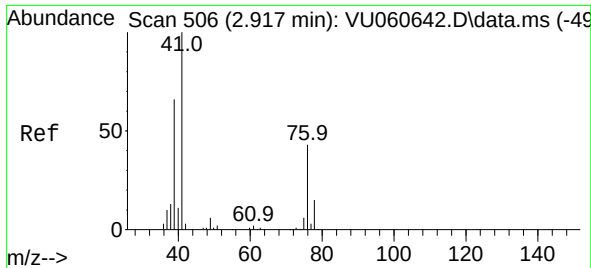
Tgt Ion:142 Resp: 242419

Ion Ratio Lower Upper

142 100

127 49.2 38.5 57.7





#11

Allyl Chloride

Concen: 13.143 ug/l

RT: 2.914 min Scan# 506

Delta R.T. -0.003 min

Lab File: VU060643.D

Acq: 06 Sep 2024 14:06

Instrument :

MSVOA_U

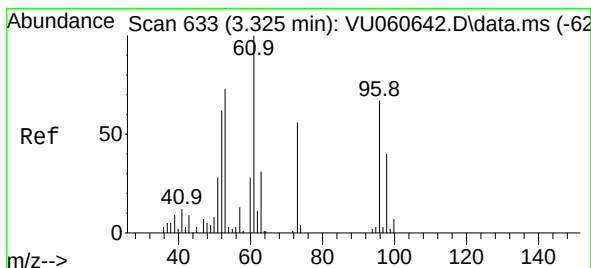
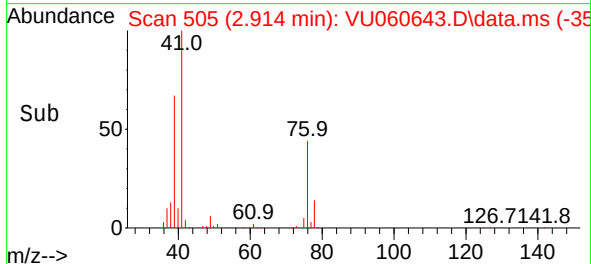
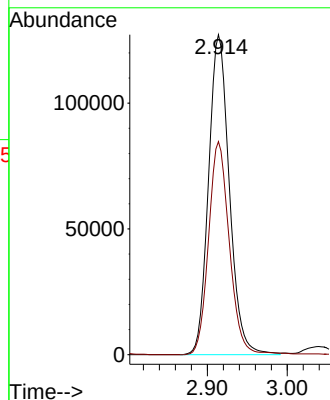
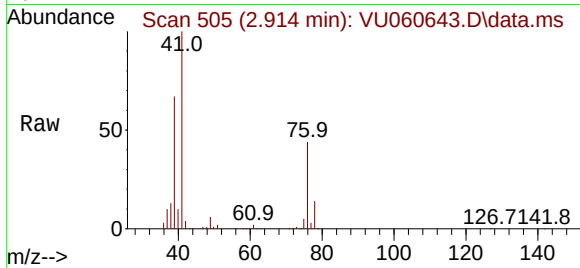
ClientSampleId :

Tgt Ion: 41 Resp: 230018

Ion Ratio Lower Upper

41 100

39 66.7 53.4 80.0



#12

Acrylonitrile

Concen: 23.029 ug/l

RT: 3.322 min Scan# 632

Delta R.T. -0.003 min

Lab File: VU060643.D

Acq: 06 Sep 2024 14:06

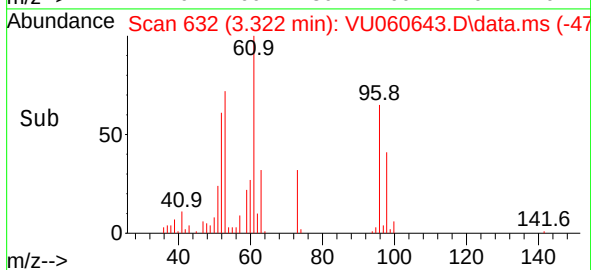
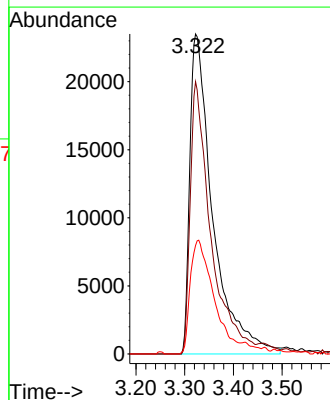
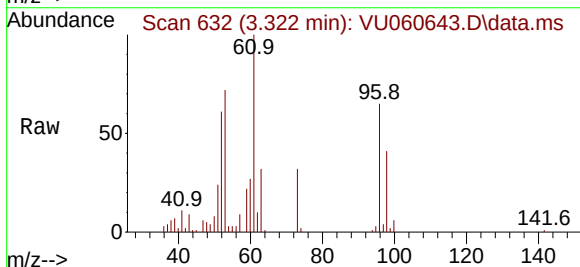
Tgt Ion: 53 Resp: 76763

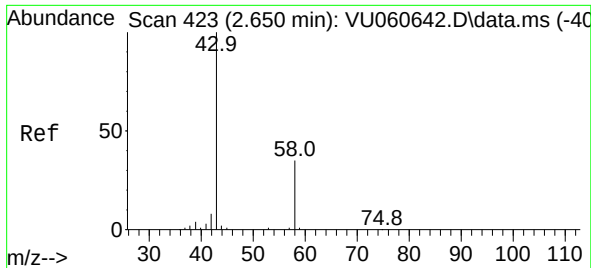
Ion Ratio Lower Upper

53 100

52 75.9 56.6 84.8

51 36.4 27.0 40.4





#13

Acetone

Concen: 79.949 ug/l

RT: 2.653 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU060643.D

Acq: 06 Sep 2024 14:06

Instrument :

MSVOA_U

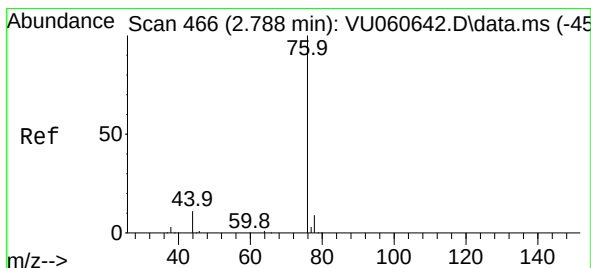
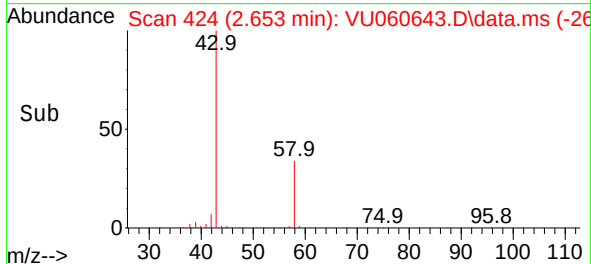
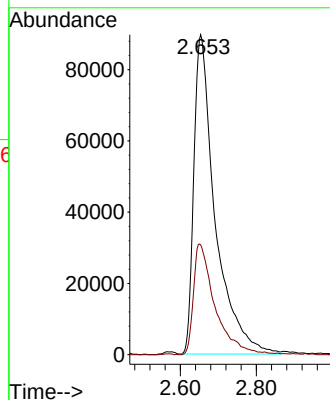
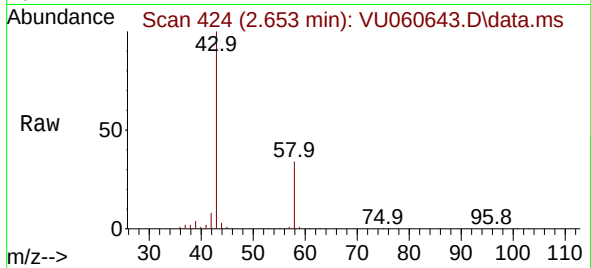
ClientSampleId :

Tgt Ion: 43 Resp: 348596

Ion Ratio Lower Upper

43 100

58 34.4 27.7 41.5



#14

Carbon Disulfide

Concen: 12.805 ug/l

RT: 2.785 min Scan# 465

Delta R.T. -0.003 min

Lab File: VU060643.D

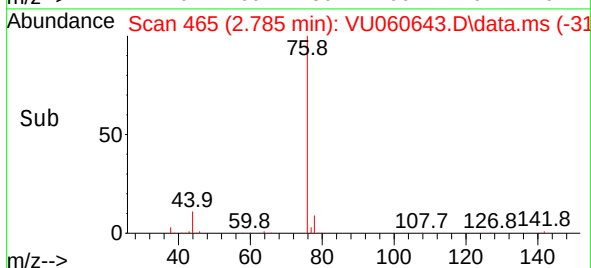
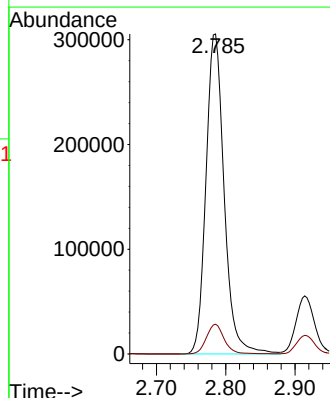
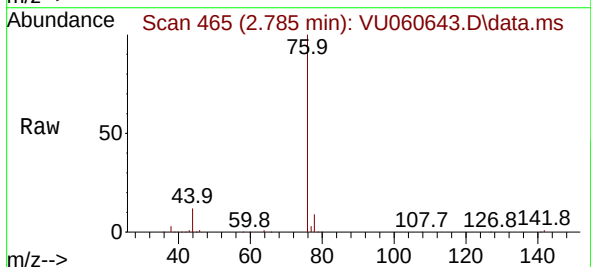
Acq: 06 Sep 2024 14:06

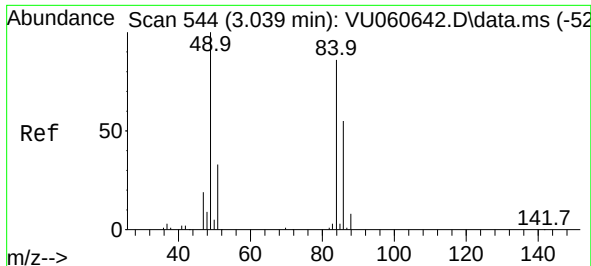
Tgt Ion: 76 Resp: 555859

Ion Ratio Lower Upper

76 100

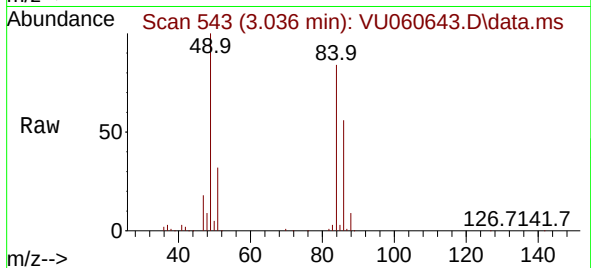
78 9.3 7.4 11.2





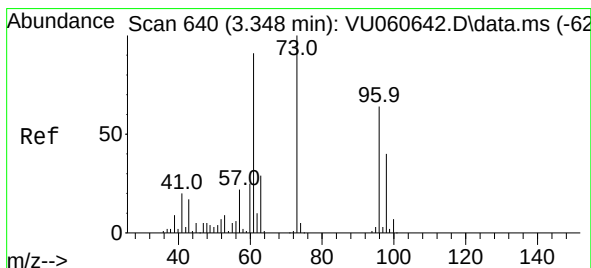
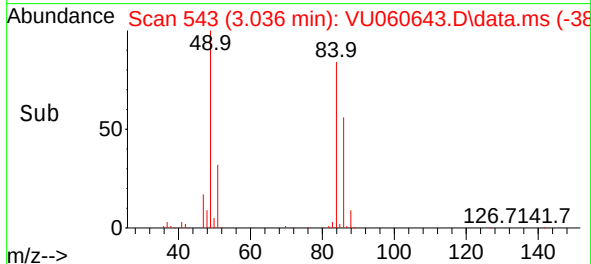
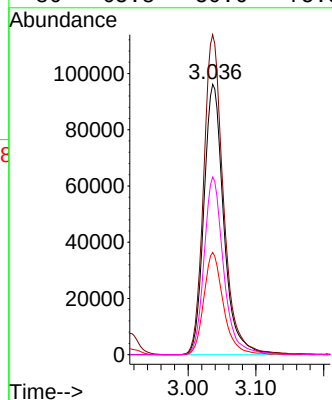
#15
Methylene Chloride
Concen: 12.197 ug/l
RT: 3.036 min Scan# 544
Delta R.T. -0.003 min
Lab File: VU060643.D
Acq: 06 Sep 2024 14:06

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 84 Resp: 195548

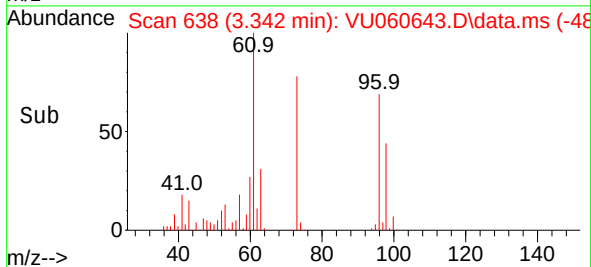
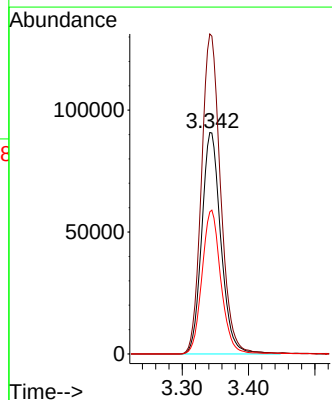
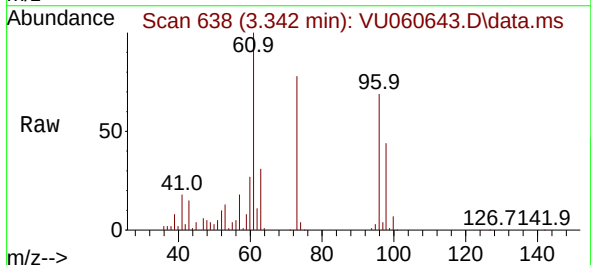
Ion	Ratio	Lower	Upper
84	100		
49	118.4	92.8	139.2
51	37.8	0.0	75.4
86	65.8	50.6	75.8

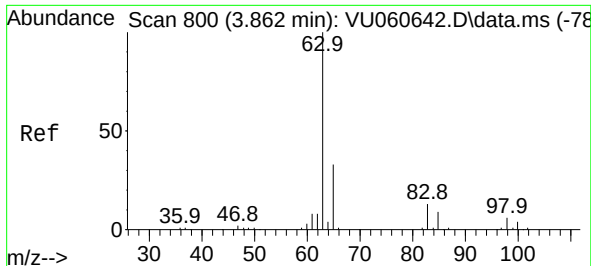


#16
trans-1,2-Dichloroethene
Concen: 13.239 ug/l
RT: 3.342 min Scan# 638
Delta R.T. -0.006 min
Lab File: VU060643.D
Acq: 06 Sep 2024 14:06

Tgt Ion: 96 Resp: 182146

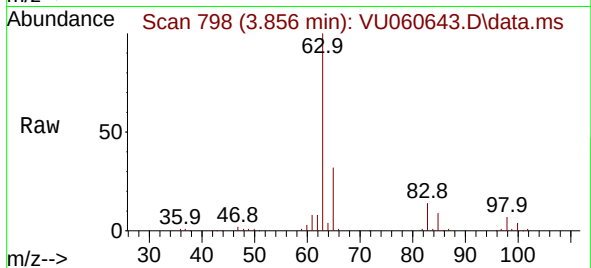
Ion	Ratio	Lower	Upper
96	100		
61	144.5	113.3	169.9
98	64.1	50.0	75.0



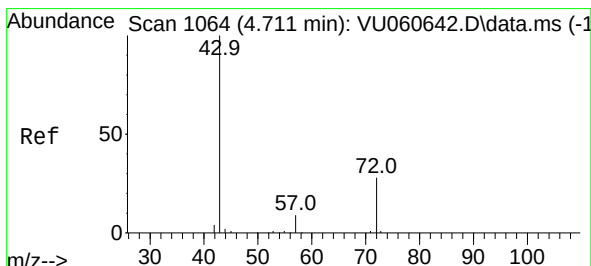
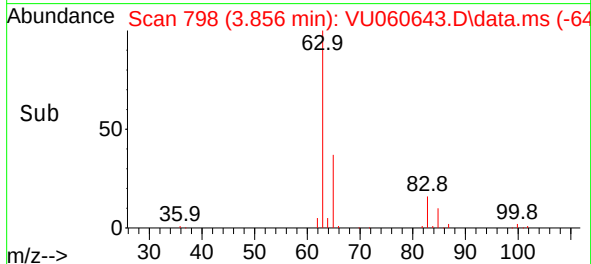
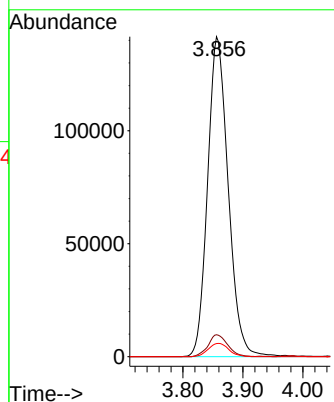


#17
1,1-Dichloroethane
Concen: 12.784 ug/l
RT: 3.856 min Scan# 70
Delta R.T. -0.006 min
Lab File: VU060643.D
Acq: 06 Sep 2024 14:06

Instrument :
MSVOA_U
ClientSampleId :

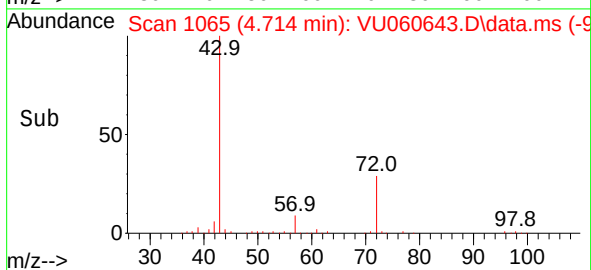
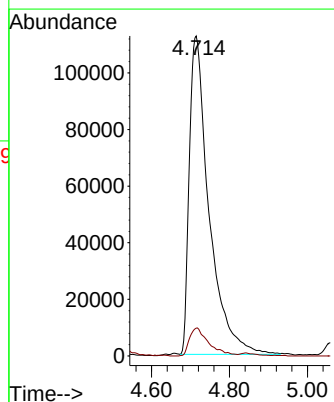
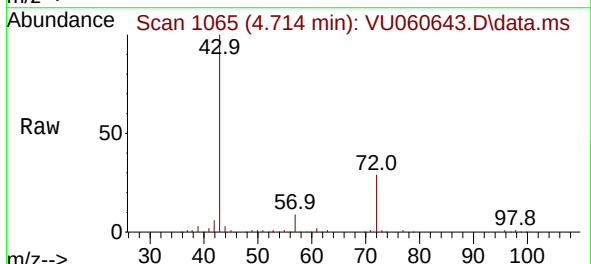


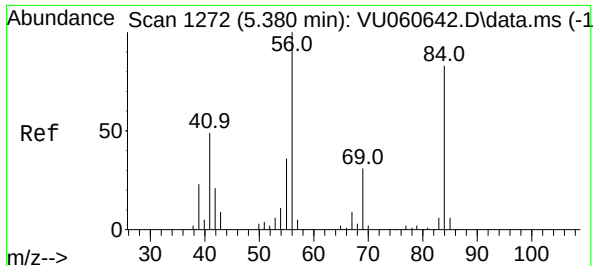
Tgt Ion: 63 Resp: 338084
Ion Ratio Lower Upper
63 100
98 6.8 3.1 9.4
100 4.1 2.1 6.5



#18
2-Butanone
Concen: 80.301 ug/l
RT: 4.714 min Scan# 1065
Delta R.T. 0.003 min
Lab File: VU060643.D
Acq: 06 Sep 2024 14:06

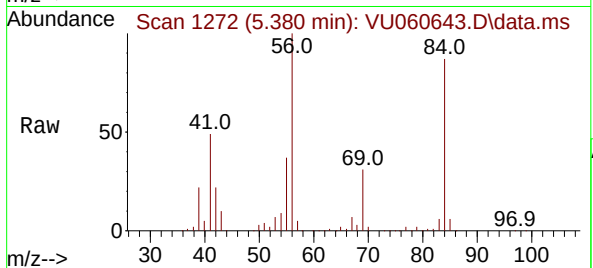
Tgt Ion: 43 Resp: 394764
Ion Ratio Lower Upper
43 100
57 8.7 0.0 18.8



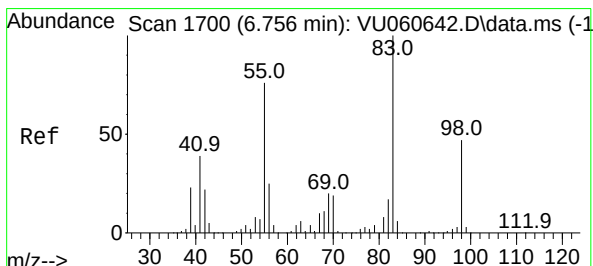
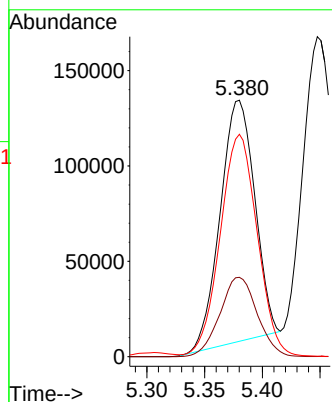
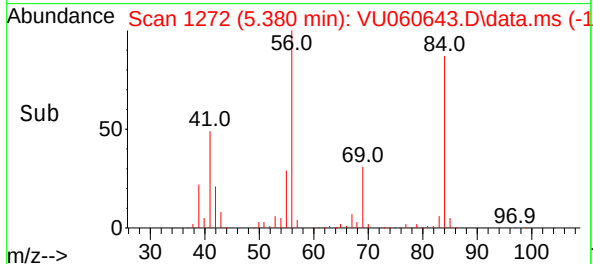


#19
Cyclohexane
Concen: 11.665 ug/l
RT: 5.380 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU060643.D
Acq: 06 Sep 2024 14:06

Instrument :
MSVOA_U
ClientSampleId :

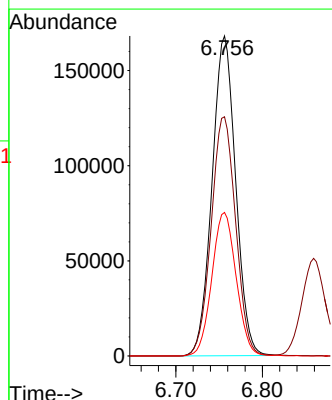
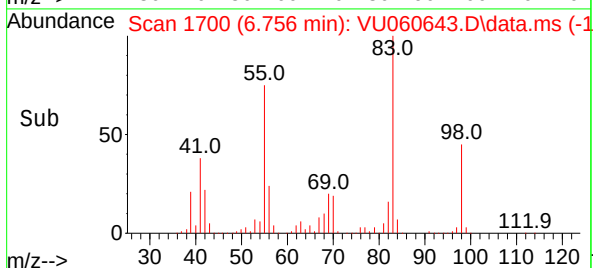
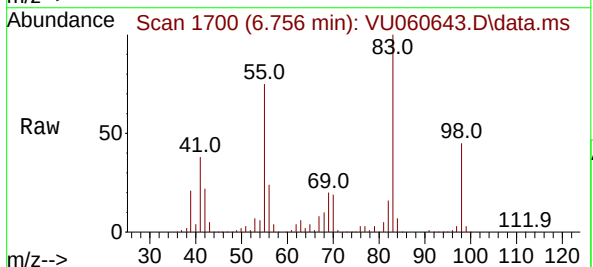


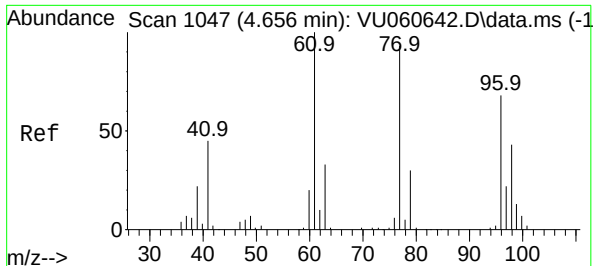
Tgt Ion: 56 Resp: 264680
Ion Ratio Lower Upper
56 100
69 35.3 24.7 37.1
84 97.2 67.6 101.4



#20
Methylcyclohexane
Concen: 17.294 ug/l
RT: 6.756 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VU060643.D
Acq: 06 Sep 2024 14:06

Tgt Ion: 83 Resp: 318700
Ion Ratio Lower Upper
83 100
55 77.1 61.6 92.4
98 45.9 37.3 55.9

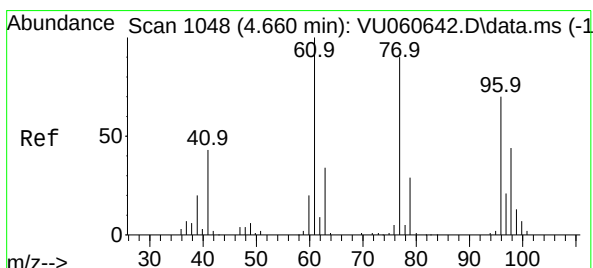
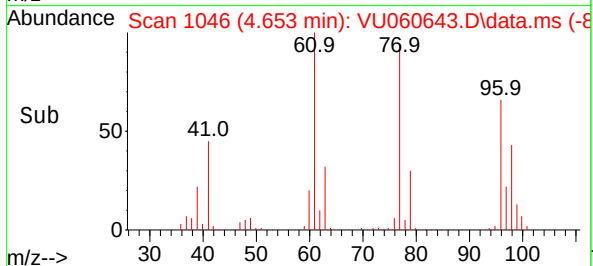
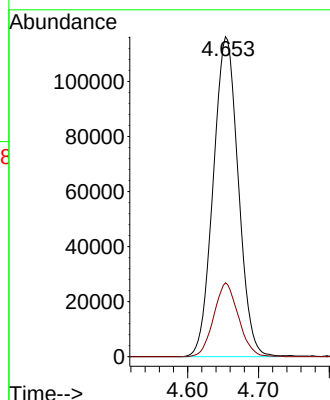
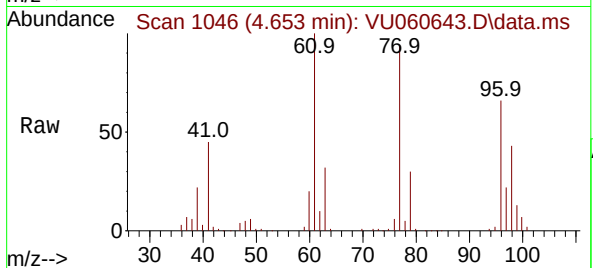




#21
2,2-Dichloropropane
Concen: 13.664 ug/l
RT: 4.653 min Scan# 1046
Delta R.T. -0.003 min
Lab File: VU060643.D
Acq: 06 Sep 2024 14:06

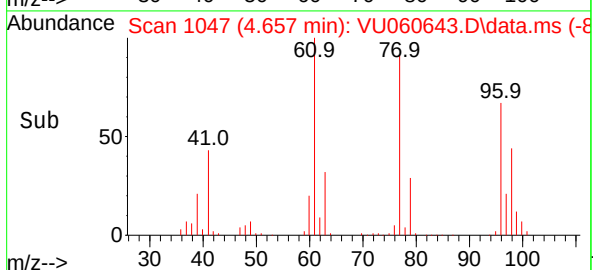
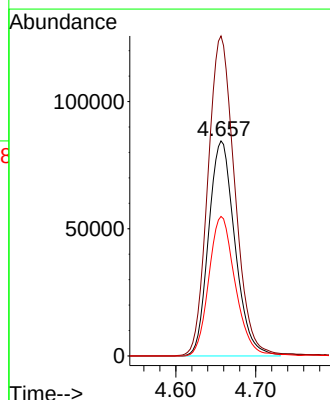
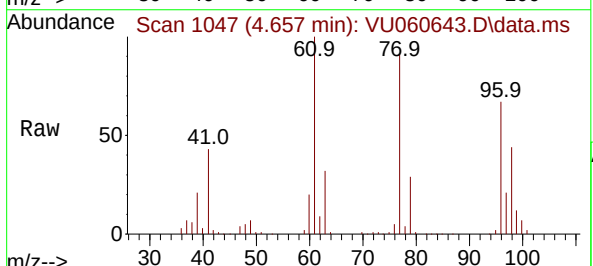
Instrument :
MSVOA_U
ClientSampleId :

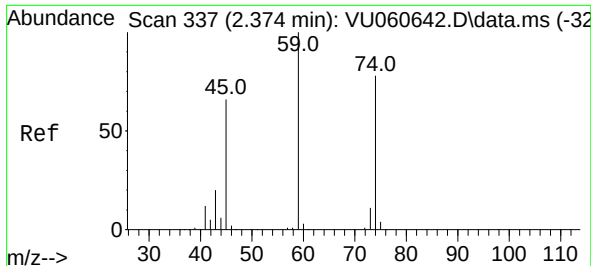
Tgt Ion: 77 Resp: 284959
Ion Ratio Lower Upper
77 100
97 22.8 18.3 27.5



#22
cis-1,2-Dichloroethene
Concen: 13.124 ug/l
RT: 4.657 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU060643.D
Acq: 06 Sep 2024 14:06

Tgt Ion: 96 Resp: 193463
Ion Ratio Lower Upper
96 100
61 152.4 0.0 374.5
98 65.3 32.8 98.4

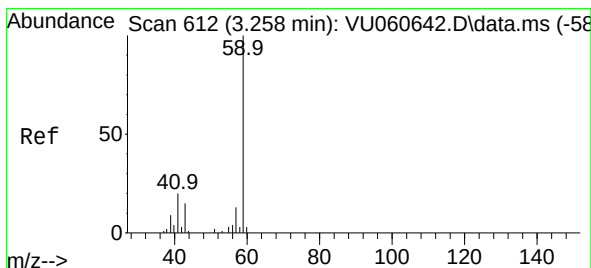
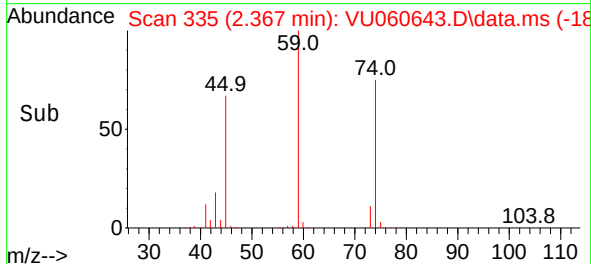
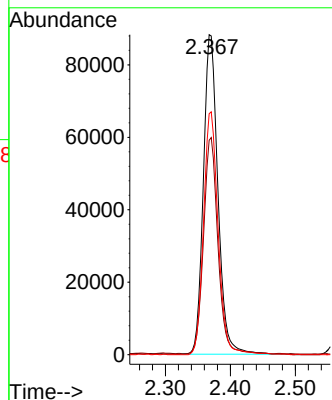
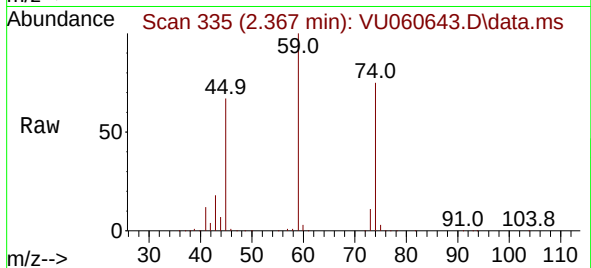




#23
Diethyl Ether
Concen: 13.161 ug/l
RT: 2.367 min Scan# 335
Delta R.T. -0.006 min
Lab File: VU060643.D
Acq: 06 Sep 2024 14:06

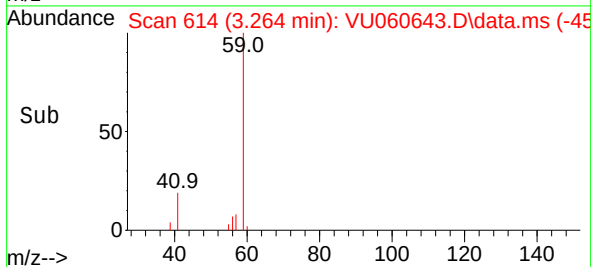
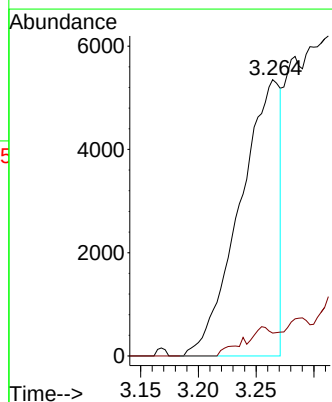
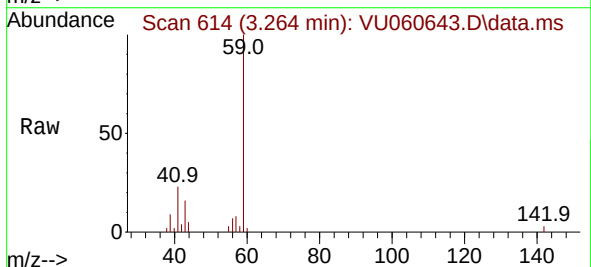
Instrument :
MSVOA_U
ClientSampleId :

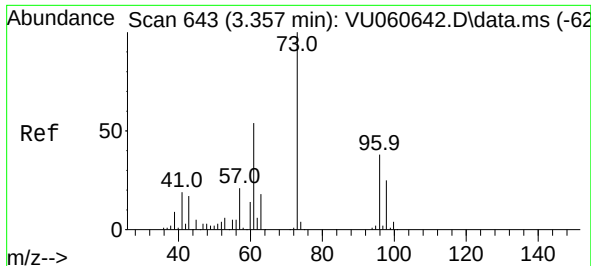
Tgt Ion: 59 Resp: 138004
Ion Ratio Lower Upper
59 100
45 66.8 53.0 79.4
74 76.1 61.6 92.4



#24
tert-Butyl Alcohol
Concen: 10.193 ug/l
RT: 3.264 min Scan# 614
Delta R.T. 0.007 min
Lab File: VU060643.D
Acq: 06 Sep 2024 14:06

Tgt Ion: 59 Resp: 12964
Ion Ratio Lower Upper
59 100
57 0.0 2.4 3.6#

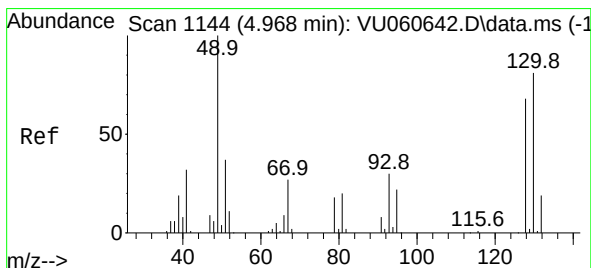
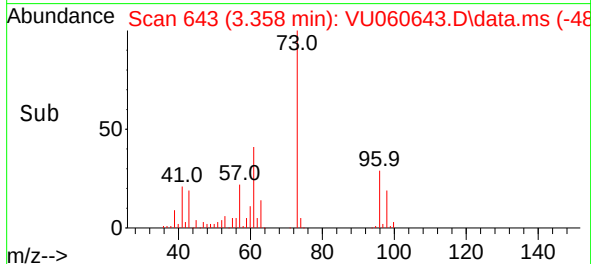
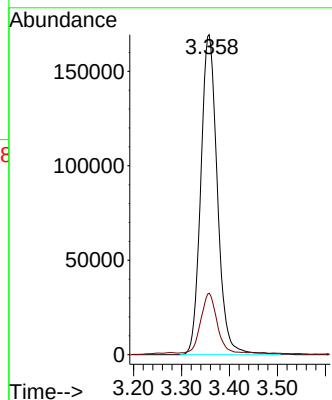
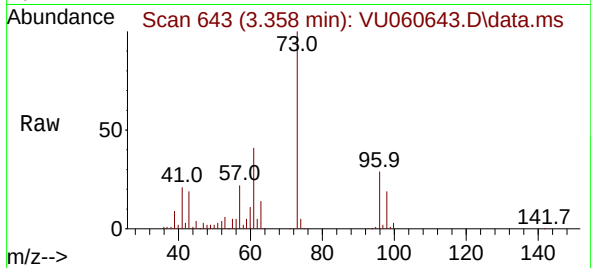




#25
Methyl tert-Butyl Ether
Concen: 12.876 ug/l
RT: 3.358 min Scan# 64
Delta R.T. 0.000 min
Lab File: VU060643.D
Acq: 06 Sep 2024 14:06

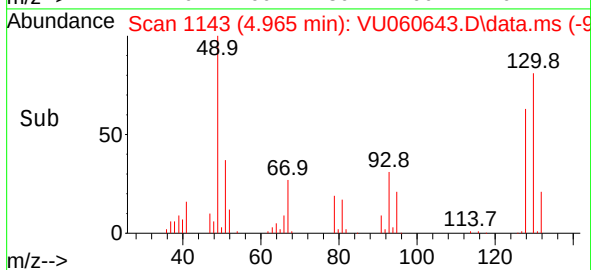
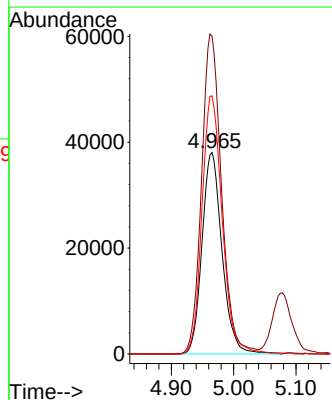
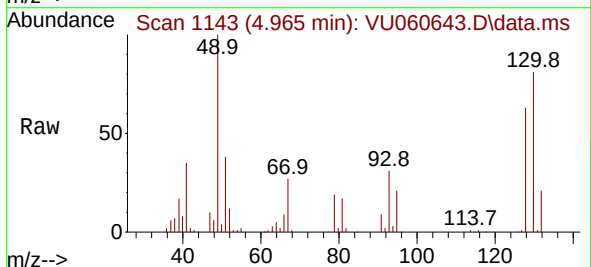
Instrument :
MSVOA_U
ClientSampleId :

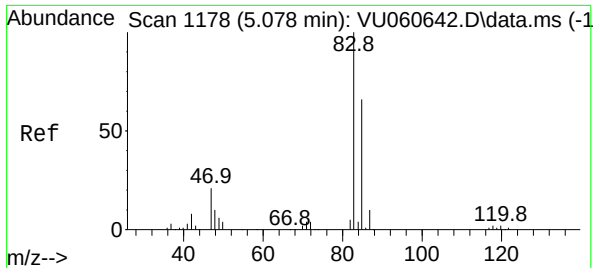
Tgt Ion: 73 Resp: 405979
Ion Ratio Lower Upper
73 100
43 18.2 14.4 21.6



#26
Bromochloromethane
Concen: 13.415 ug/l
RT: 4.965 min Scan# 1143
Delta R.T. -0.003 min
Lab File: VU060643.D
Acq: 06 Sep 2024 14:06

Tgt Ion: 128 Resp: 84688
Ion Ratio Lower Upper
128 100
49 158.9 0.0 315.6
130 130.3 101.6 152.4

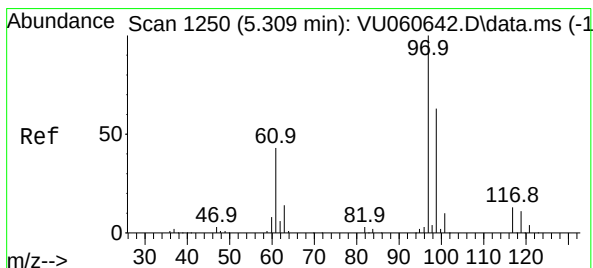
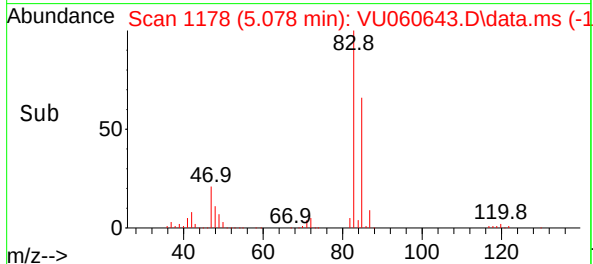
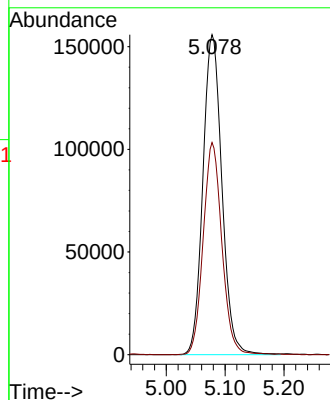
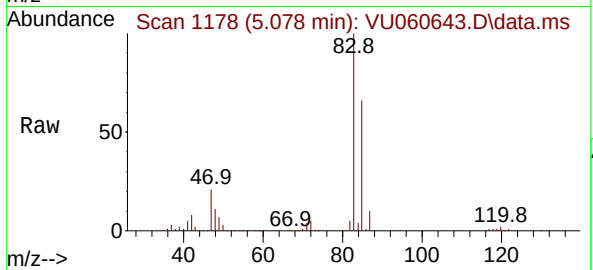




#27
Chloroform
Concen: 13.401 ug/l
RT: 5.078 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VU060643.D
Acq: 06 Sep 2024 14:06

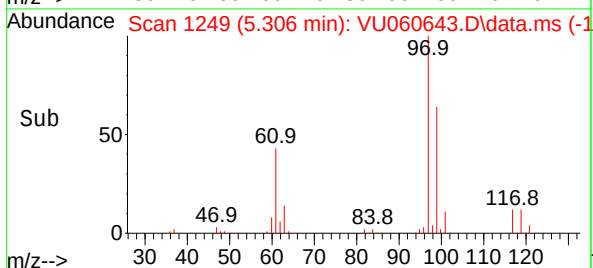
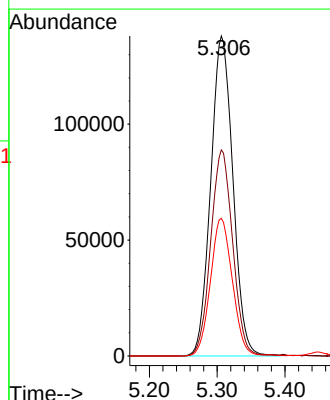
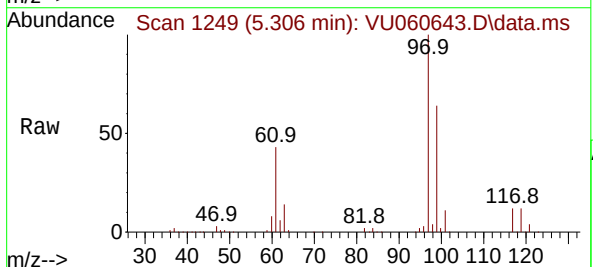
Instrument :
MSVOA_U
ClientSampleId :

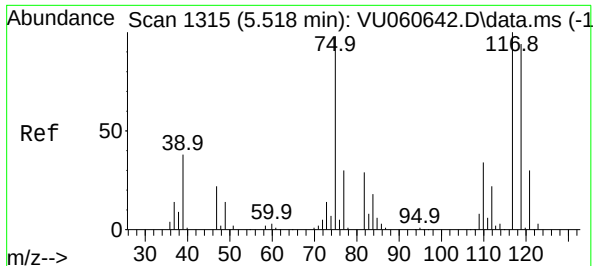
Tgt Ion: 83 Resp: 349450
Ion Ratio Lower Upper
83 100
85 66.2 0.0 131.4



#28
1,1,1-Trichloroethane
Concen: 14.283 ug/l
RT: 5.306 min Scan# 1249
Delta R.T. -0.003 min
Lab File: VU060643.D
Acq: 06 Sep 2024 14:06

Tgt Ion: 97 Resp: 313696
Ion Ratio Lower Upper
97 100
99 63.8 32.1 96.5
61 42.5 21.6 65.0

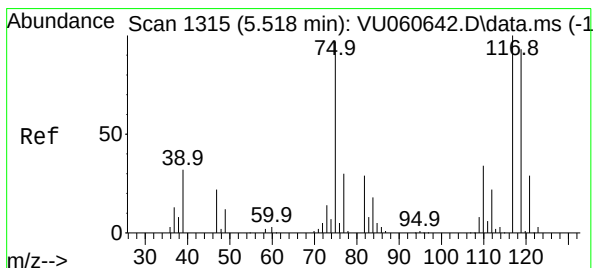
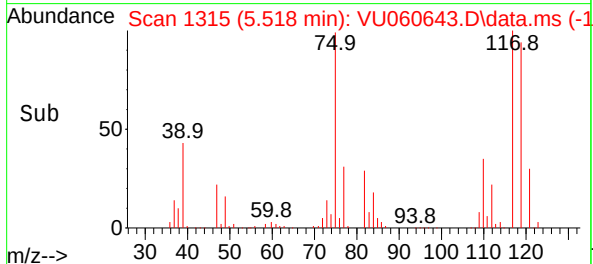
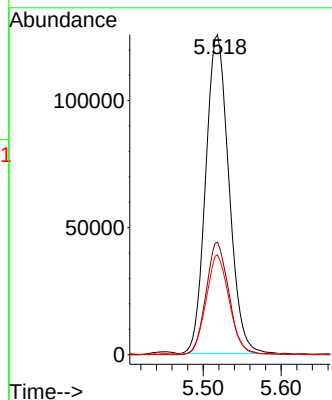
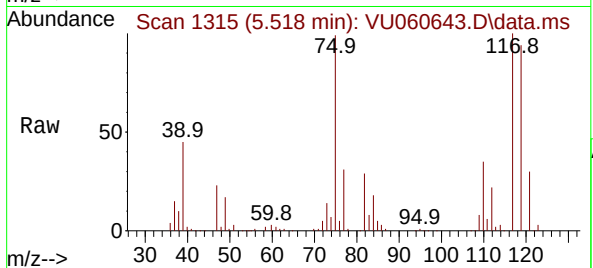




#29
1,1-Dichloropropene
Concen: 14.731 ug/l
RT: 5.518 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VU060643.D
Acq: 06 Sep 2024 14:06

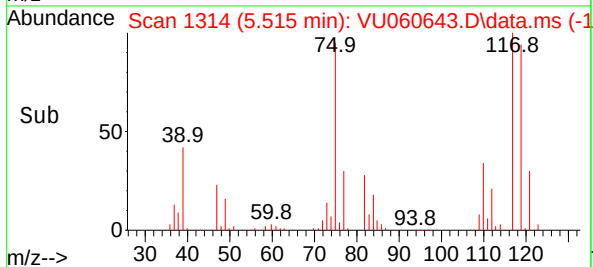
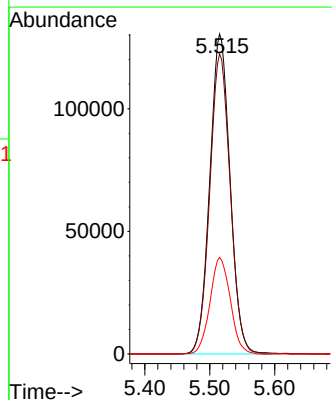
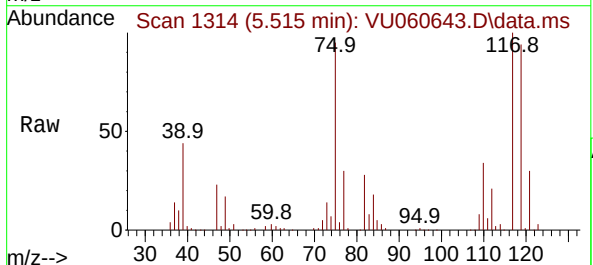
Instrument :
MSVOA_U
ClientSampleId :

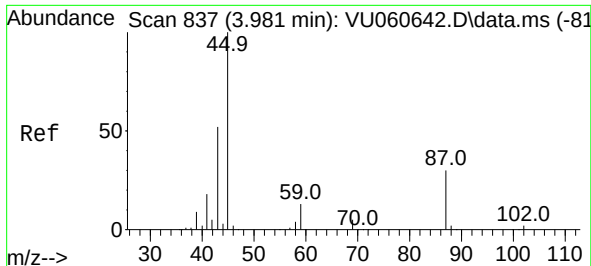
Tgt Ion: 75 Resp: 260029
Ion Ratio Lower Upper
75 100
110 35.0 17.3 52.0
77 31.5 25.0 37.4



#30
Carbon Tetrachloride
Concen: 15.558 ug/l
RT: 5.515 min Scan# 1314
Delta R.T. -0.003 min
Lab File: VU060643.D
Acq: 06 Sep 2024 14:06

Tgt Ion: 117 Resp: 282571
Ion Ratio Lower Upper
117 100
119 93.8 74.7 112.1
121 30.1 23.6 35.4

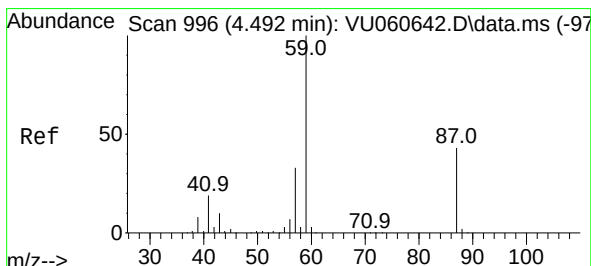
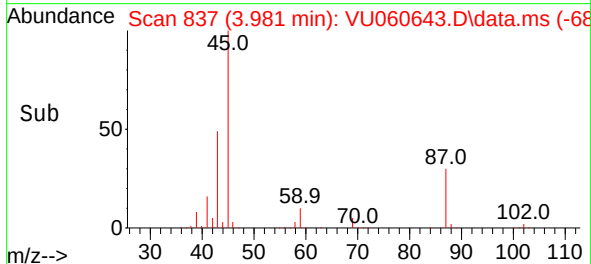
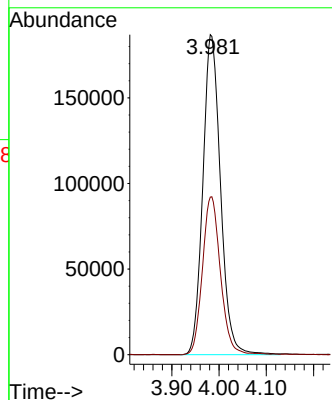
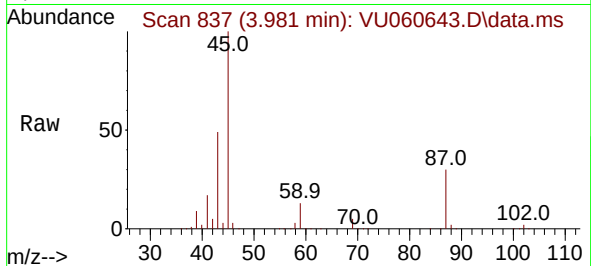




#31
Isopropyl Ether
Concen: 12.724 ug/l
RT: 3.981 min Scan# 837
Delta R.T. 0.000 min
Lab File: VU060643.D
Acq: 06 Sep 2024 14:06

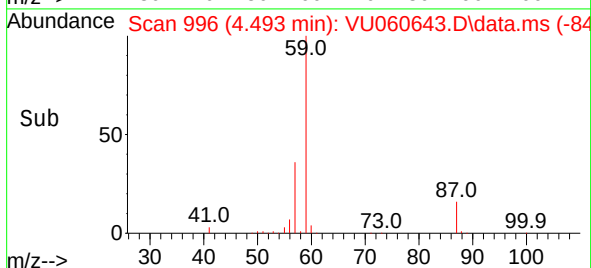
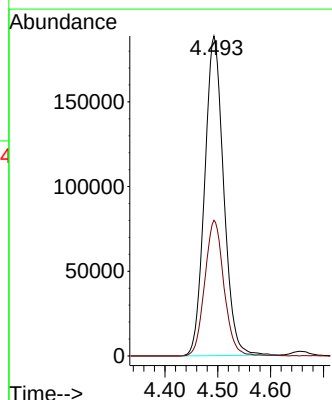
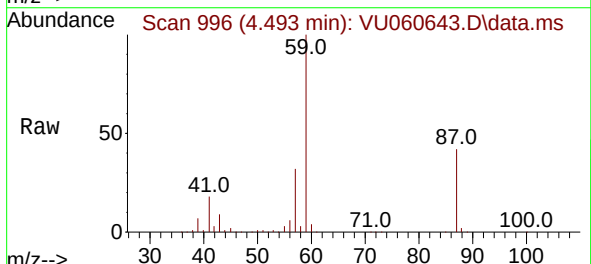
Instrument :
MSVOA_U
ClientSampleId :

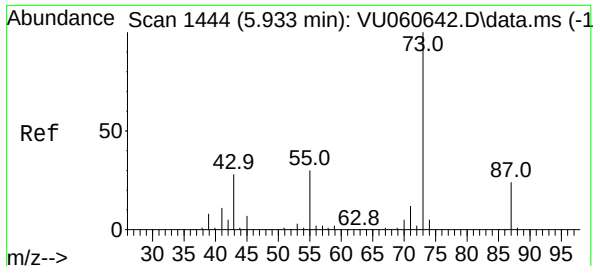
Tgt Ion: 45 Resp: 485671
Ion Ratio Lower Upper
45 100
43 50.1 25.9 77.7



#32
Ethyl-t-butyl ether
Concen: 12.721 ug/l
RT: 4.493 min Scan# 996
Delta R.T. 0.000 min
Lab File: VU060643.D
Acq: 06 Sep 2024 14:06

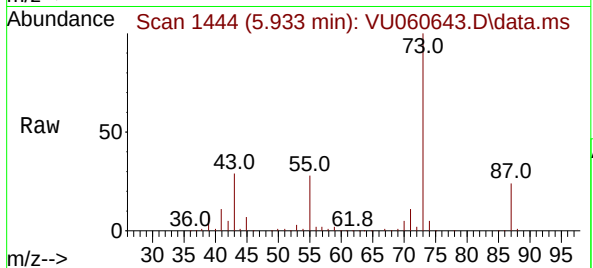
Tgt Ion: 59 Resp: 471683
Ion Ratio Lower Upper
59 100
87 42.2 33.6 50.4



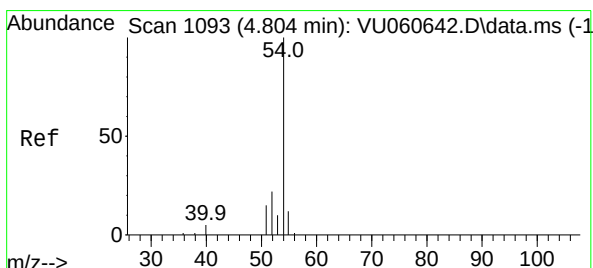
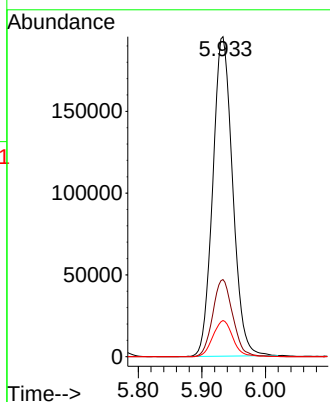
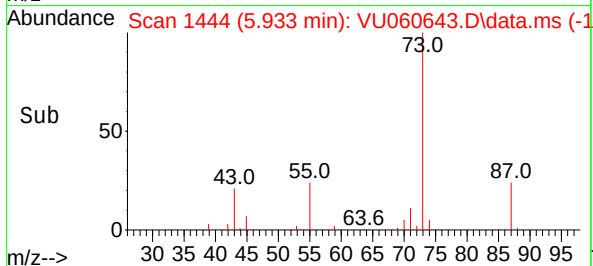


#33
Tert-Amyl methyl ether
Concen: 15.599 ug/l
RT: 5.933 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VU060643.D
Acq: 06 Sep 2024 14:06

Instrument :
MSVOA_U
ClientSampleId :

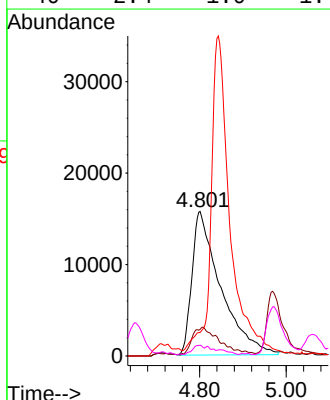
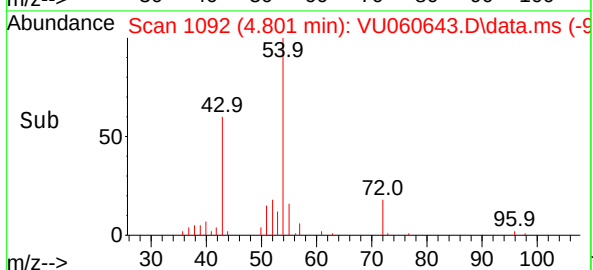
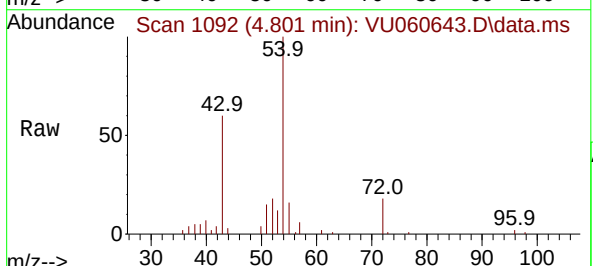


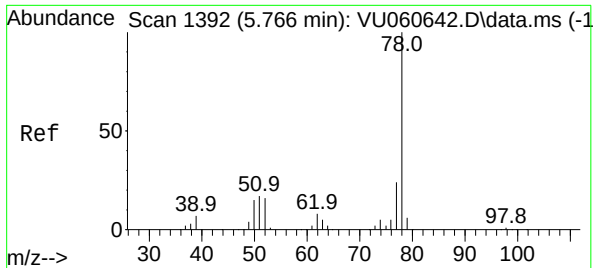
Tgt Ion: 73	Resp: 423004
Ion Ratio	Lower Upper
73 100	
87 24.5	19.8 29.8
71 11.4	9.2 13.8



#34
Propionitrile
Concen: 53.967 ug/l
RT: 4.801 min Scan# 1092
Delta R.T. -0.003 min
Lab File: VU060643.D
Acq: 06 Sep 2024 14:06

Tgt Ion: 54	Resp: 72364
Ion Ratio	Lower Upper
54 100	
52 17.2	12.2 18.2
55 143.2	3.5 5.3#
40 2.4	1.0 1.4#

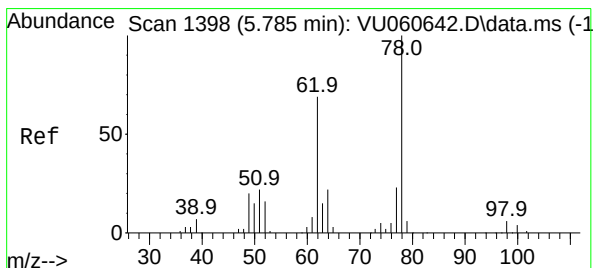
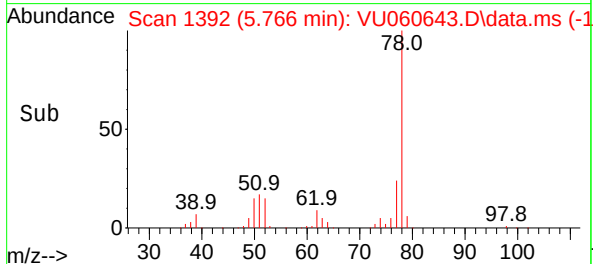
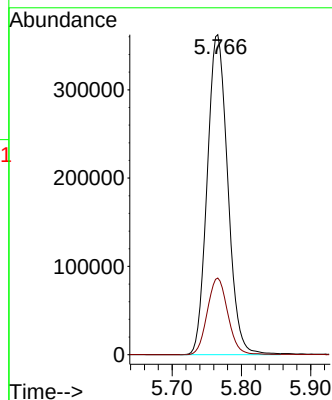
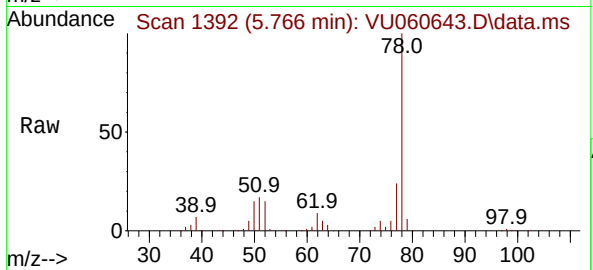




#35
Benzene
Concen: 13.925 ug/l
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU060643.D
Acq: 06 Sep 2024 14:06

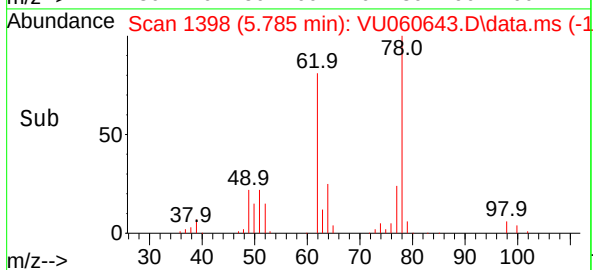
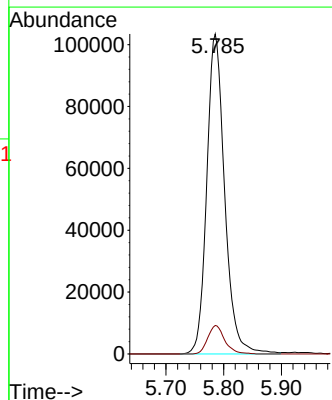
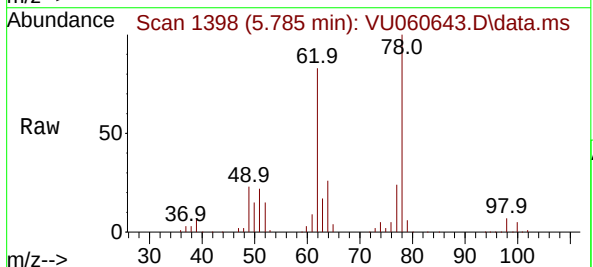
Instrument :
MSVOA_U
ClientSampleId :

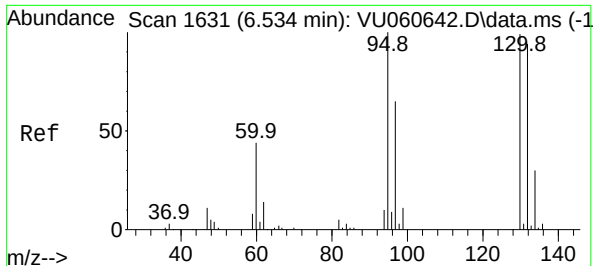
Tgt Ion: 78 Resp: 744637
Ion Ratio Lower Upper
78 100
77 23.9 19.4 29.2



#36
1,2-Dichloroethane
Concen: 14.722 ug/l
RT: 5.785 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VU060643.D
Acq: 06 Sep 2024 14:06

Tgt Ion: 62 Resp: 222585
Ion Ratio Lower Upper
62 100
98 8.5 6.9 10.3

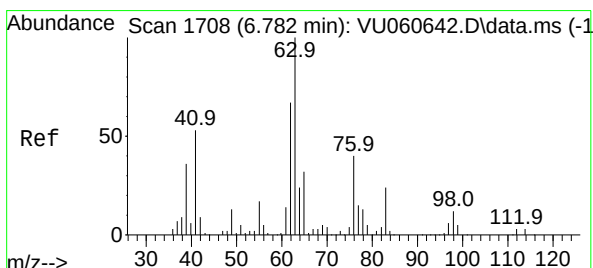
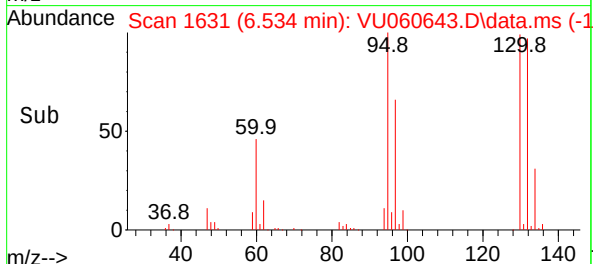
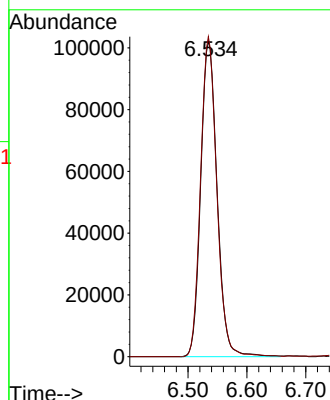
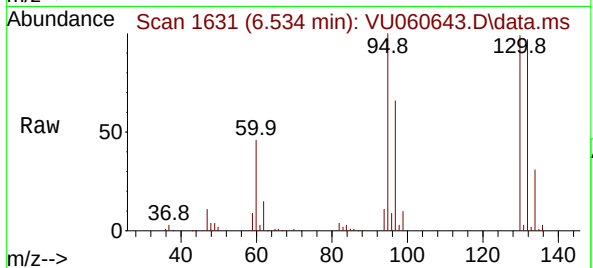




#37
Trichloroethene
Concen: 14.778 ug/l
RT: 6.534 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VU060643.D
Acq: 06 Sep 2024 14:06

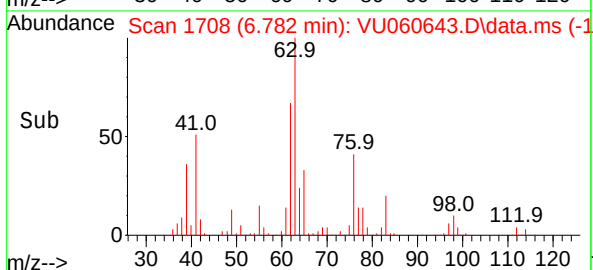
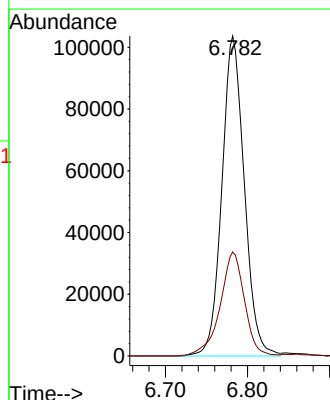
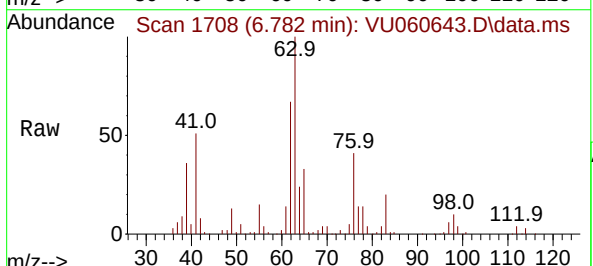
Instrument :
MSVOA_U
ClientSampleId :

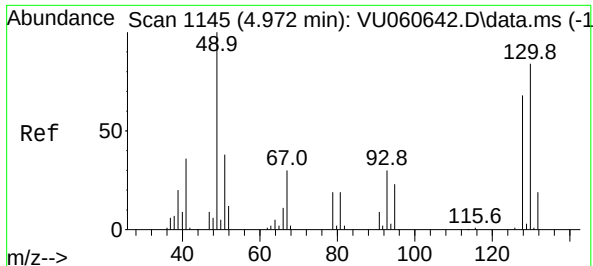
Tgt Ion:130 Resp: 197340
Ion Ratio Lower Upper
130 100
95 101.4 80.9 121.3



#38
1,2-Dichloropropane
Concen: 13.624 ug/l
RT: 6.782 min Scan# 1708
Delta R.T. 0.000 min
Lab File: VU060643.D
Acq: 06 Sep 2024 14:06

Tgt Ion: 63 Resp: 196727
Ion Ratio Lower Upper
63 100
65 32.4 25.8 38.6





#39

Methacrylonitrile

Concen: 11.289 ug/l

RT: 4.968 min Scan# 1144

Delta R.T. -0.003 min

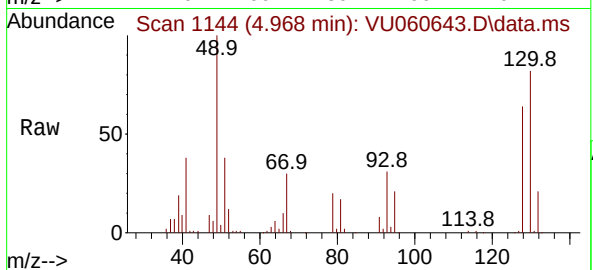
Lab File: VU060643.D

Acq: 06 Sep 2024 14:06

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 41 Resp: 54118

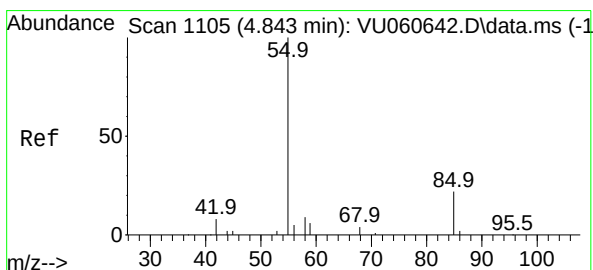
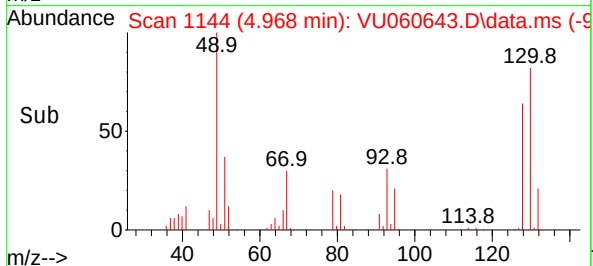
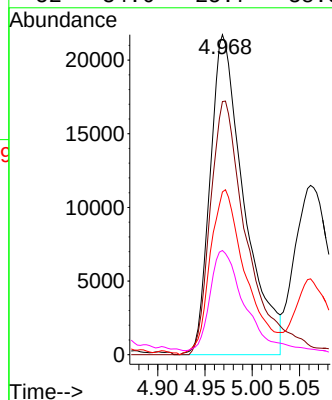
Ion Ratio Lower Upper

41 100

67 87.2 72.6 109.0

39 54.4 42.8 64.2

52 34.6 25.7 38.5



#40

Methyl acrylate

Concen: 12.155 ug/l

RT: 4.843 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VU060643.D

Acq: 06 Sep 2024 14:06

Tgt Ion: 55 Resp: 103605

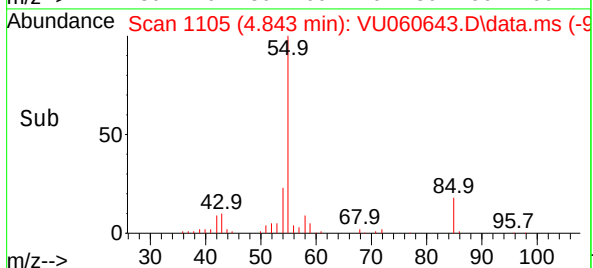
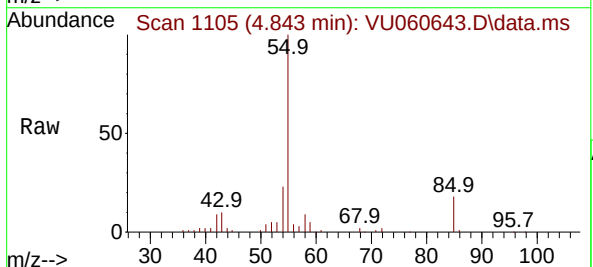
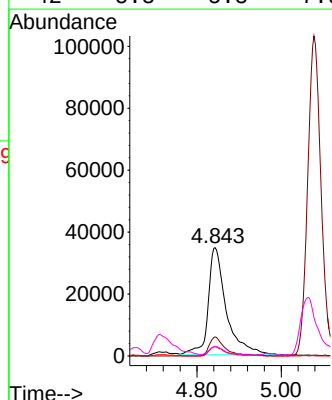
Ion Ratio Lower Upper

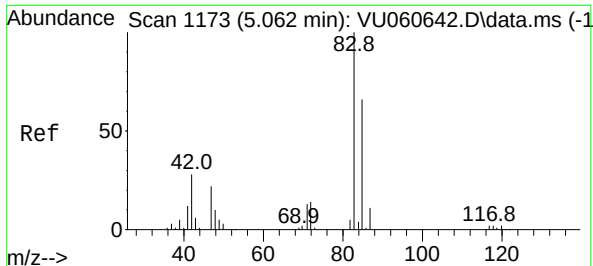
55 100

85 15.3 12.2 18.4

58 7.6 6.3 9.5

42 5.3 5.3 7.9





#41

Tetrahydrofuran

Concen: 20.289 ug/l

RT: 5.065 min Scan# 1173

Delta R.T. 0.003 min

Lab File: VU060643.D

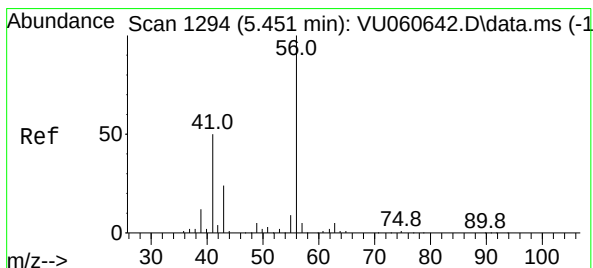
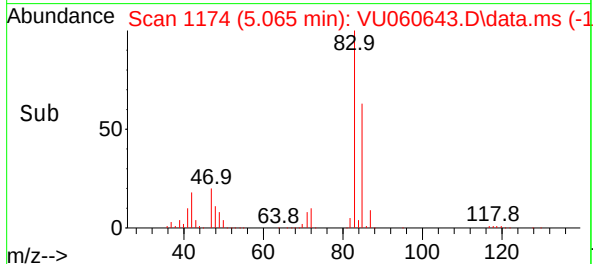
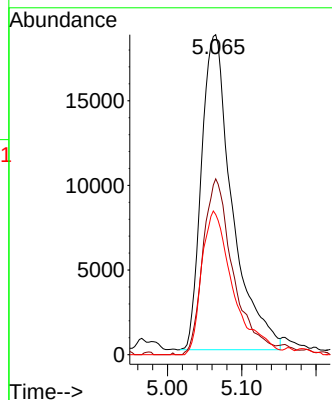
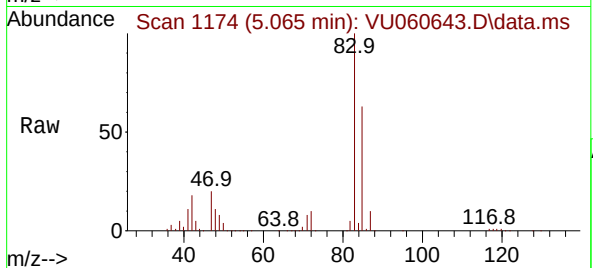
Acq: 06 Sep 2024 14:06

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	42	Resp:	53414
Ion Ratio	Lower	Upper	
42	100		
72	55.1	40.4	60.6
71	47.0	33.8	50.6



#42

1-Chlorobutane

Concen: 14.424 ug/l

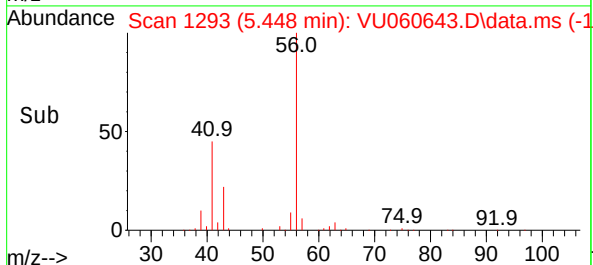
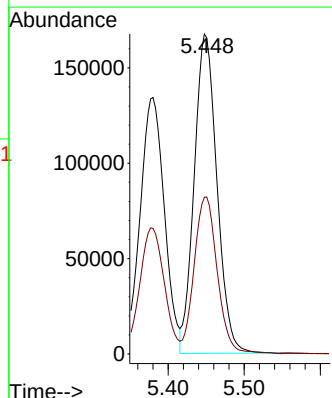
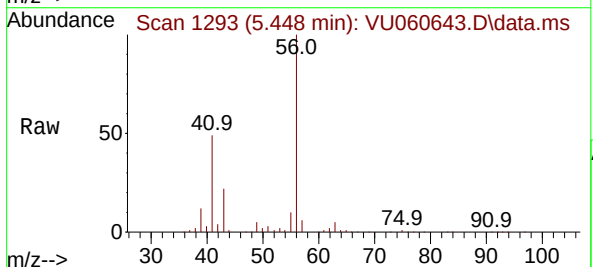
RT: 5.448 min Scan# 1293

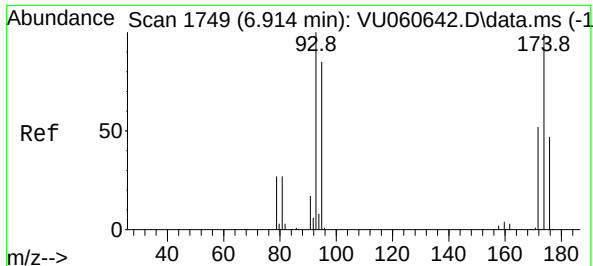
Delta R.T. -0.003 min

Lab File: VU060643.D

Acq: 06 Sep 2024 14:06

Tgt Ion:	56	Resp:	348045
Ion Ratio	Lower	Upper	
56	100		
41	49.9	24.9	74.6





#43

Dibromomethane

Concen: 12.806 ug/l

RT: 6.911 min Scan# 1

Delta R.T. -0.003 min

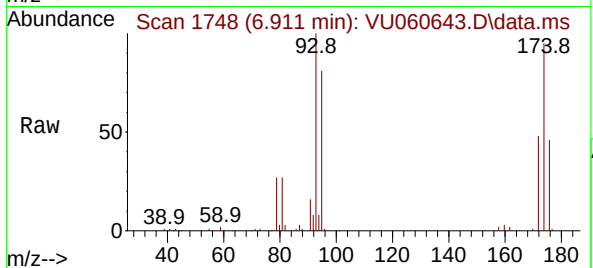
Lab File: VU060643.D

Acq: 06 Sep 2024 14:06

Instrument :

MSVOA_U

ClientSampleId :



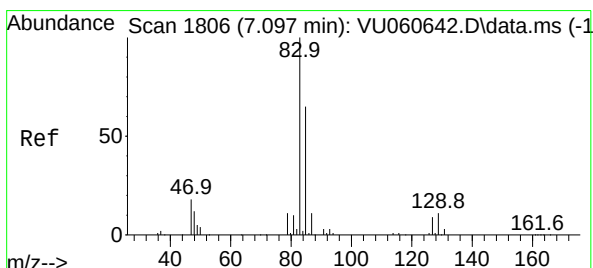
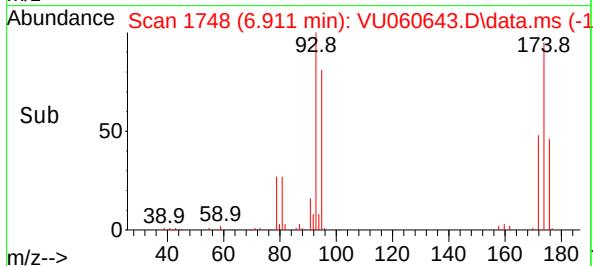
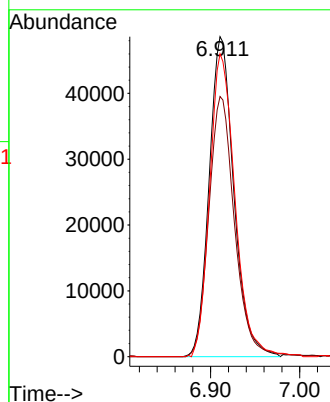
Tgt Ion: 93 Resp: 93618

Ion Ratio Lower Upper

93 100

95 84.6 66.1 99.1

174 97.1 76.2 114.4



#44

Bromodichloromethane

Concen: 14.022 ug/l

RT: 7.097 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VU060643.D

Acq: 06 Sep 2024 14:06

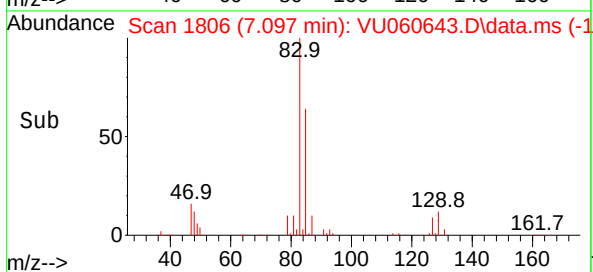
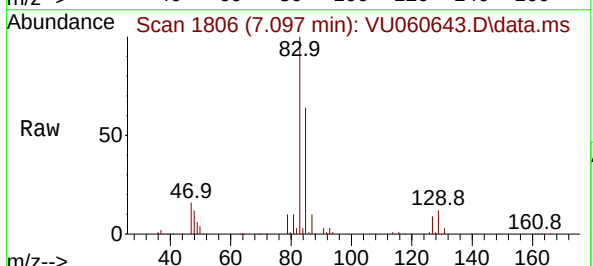
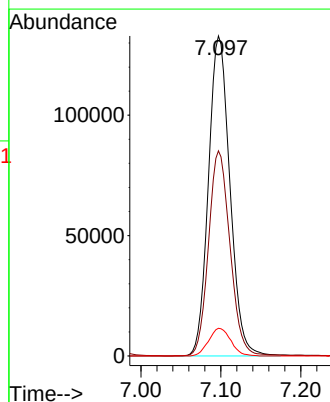
Tgt Ion: 83 Resp: 247864

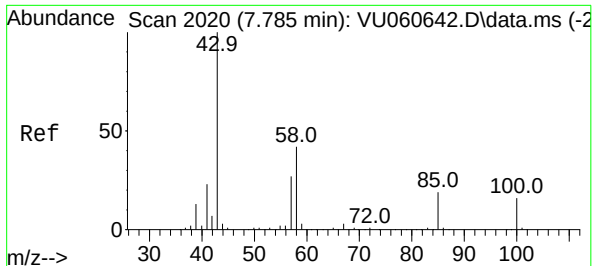
Ion Ratio Lower Upper

83 100

85 64.0 52.2 78.4

127 8.6 8.1 12.1

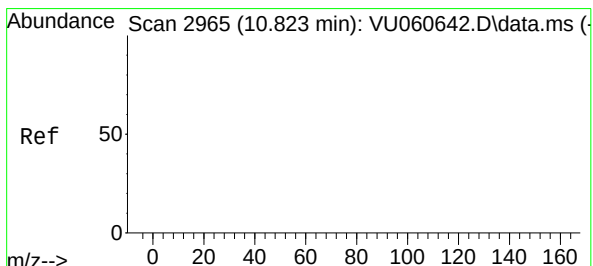
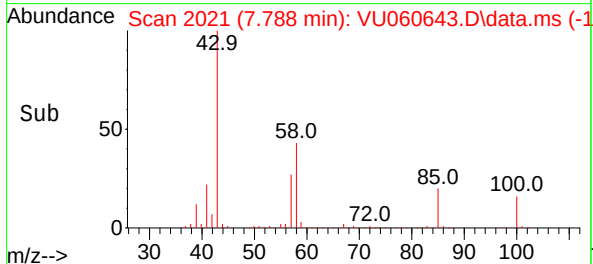
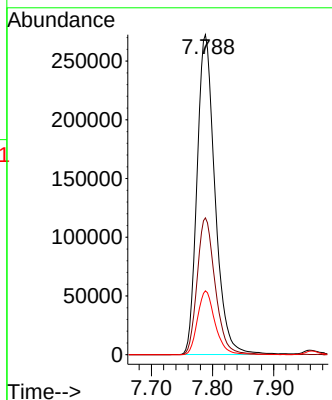
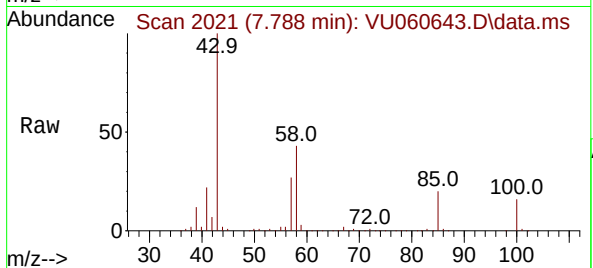




#45
4-Methyl-2-Pentanone
Concen: 79.808 ug/l
RT: 7.788 min Scan# 2020
Delta R.T. 0.003 min
Lab File: VU060643.D
Acq: 06 Sep 2024 14:06

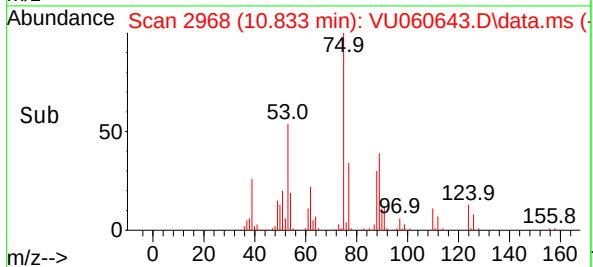
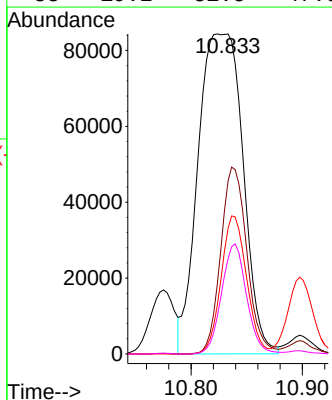
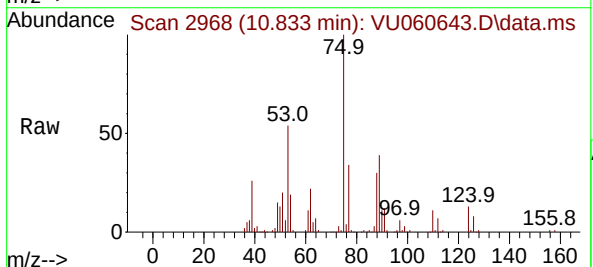
Instrument :
MSVOA_U
ClientSampleId :

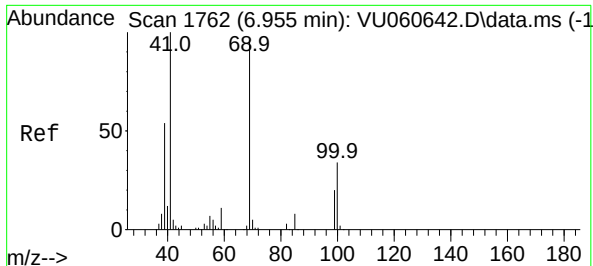
Tgt Ion: 43 Resp: 555156
Ion Ratio Lower Upper
43 100
58 43.1 21.2 63.6
85 19.6 15.2 22.8



#46
t-1,4-Dichloro-2-butene
Concen: 61.140 ug/l
RT: 10.833 min Scan# 2968
Delta R.T. 0.010 min
Lab File: VU060643.D
Acq: 06 Sep 2024 14:06

Tgt Ion: 75 Resp: 235752
Ion Ratio Lower Upper
75 100
53 34.3 55.5 83.3#
89 24.7 36.8 55.2#
88 19.2 31.5 47.3#





#47

Methyl methacrylate

Concen: 30.647 ug/l

RT: 6.956 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU060643.D

Acq: 06 Sep 2024 14:06

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 69 Resp: 181547

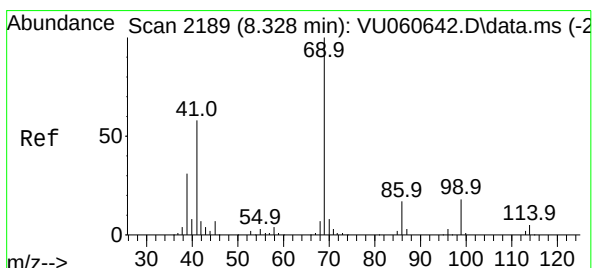
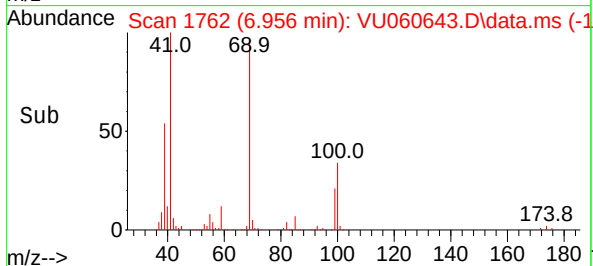
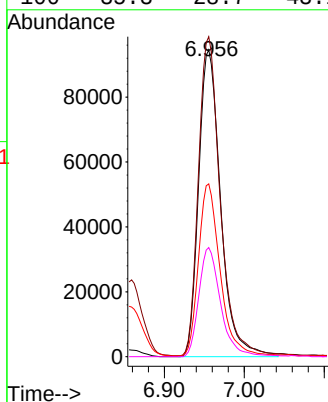
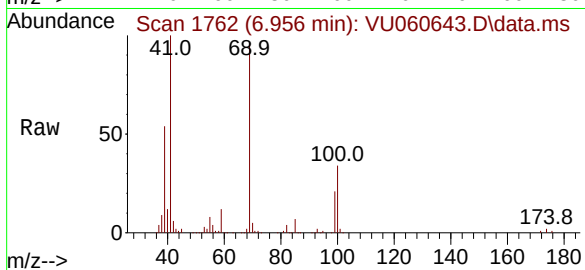
Ion Ratio Lower Upper

69 100

41 103.4 0.0 211.8

39 55.0 45.1 67.7

100 35.3 28.7 43.1



#48

Ethyl methacrylate

Concen: 16.911 ug/l

RT: 8.328 min Scan# 2189

Delta R.T. 0.000 min

Lab File: VU060643.D

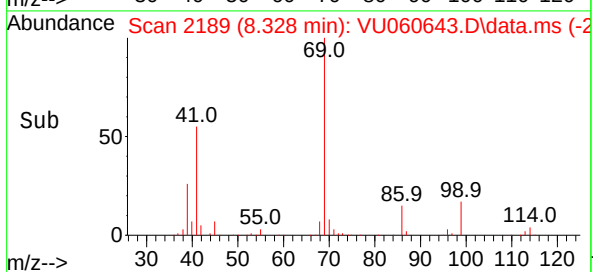
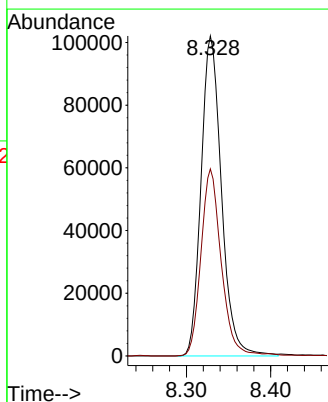
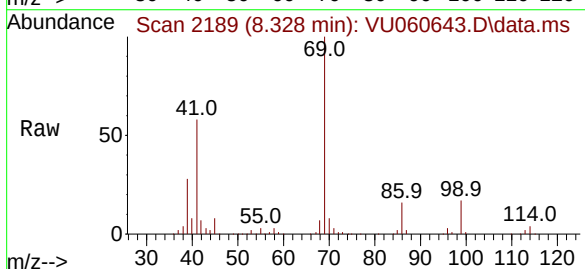
Acq: 06 Sep 2024 14:06

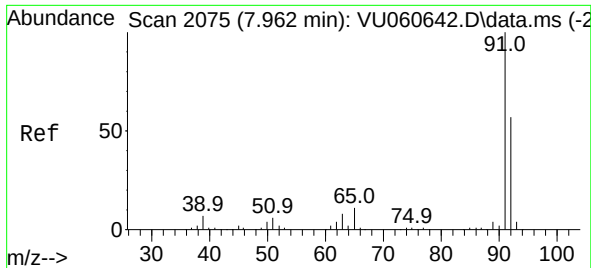
Tgt Ion: 69 Resp: 172211

Ion Ratio Lower Upper

69 100

41 57.7 28.9 86.7





#49

Toluene

Concen: 15.734 ug/l

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU060643.D

Acq: 06 Sep 2024 14:06

Instrument :

MSVOA_U

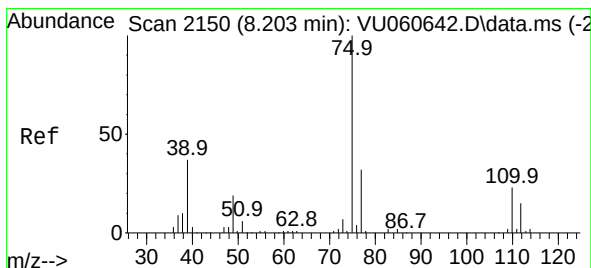
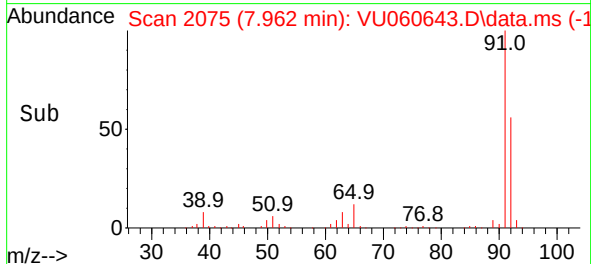
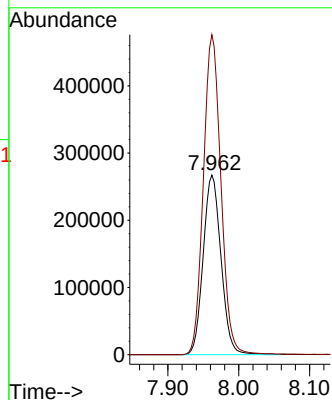
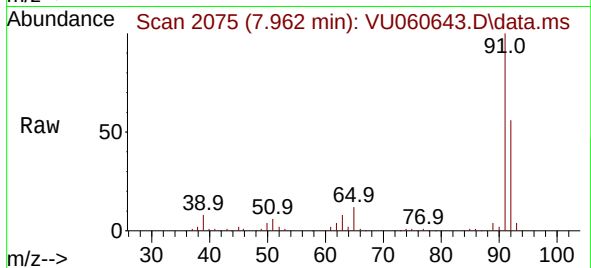
ClientSampleId :

Tgt Ion: 92 Resp: 466899

Ion Ratio Lower Upper

92 100

91 175.6 140.4 210.6



#50

t-1,3-Dichloropropene

Concen: 15.926 ug/l

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU060643.D

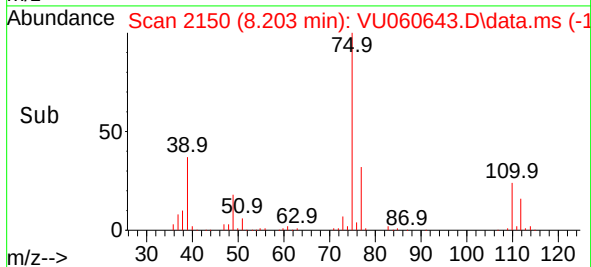
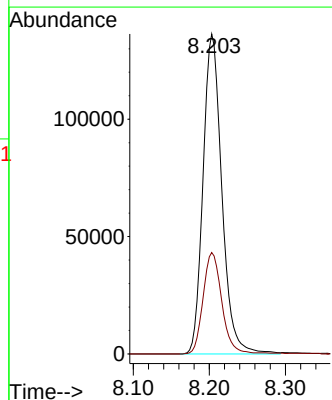
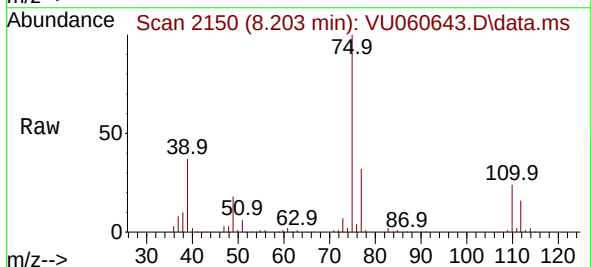
Acq: 06 Sep 2024 14:06

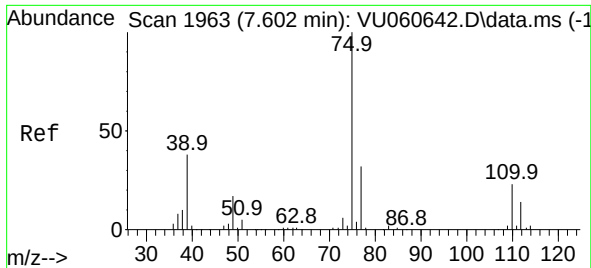
Tgt Ion: 75 Resp: 234313

Ion Ratio Lower Upper

75 100

77 31.7 25.2 37.8

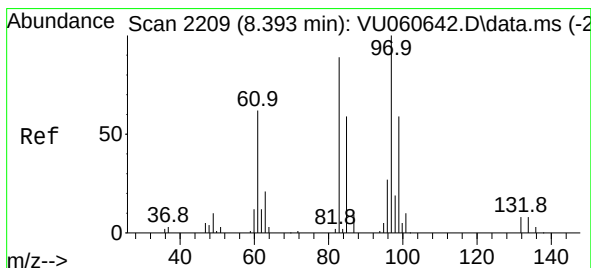
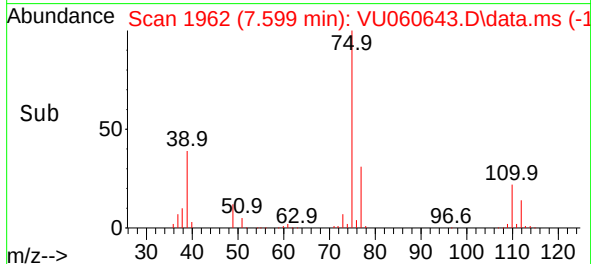
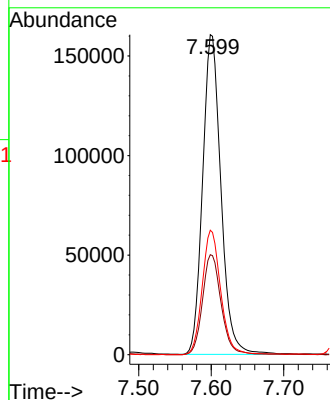
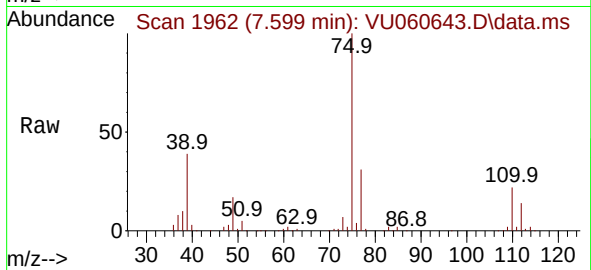




#51
cis-1,3-Dichloropropene
Concen: 15.917 ug/l
RT: 7.599 min Scan# 1962
Delta R.T. -0.003 min
Lab File: VU060643.D
Acq: 06 Sep 2024 14:06

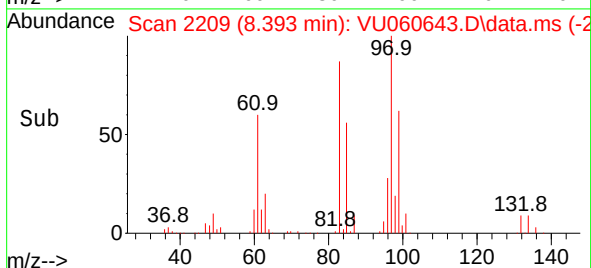
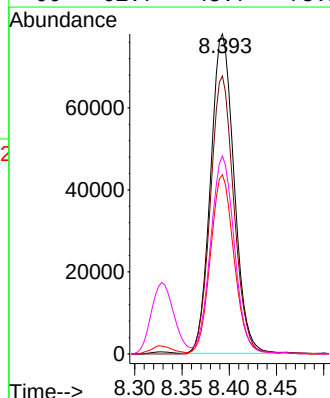
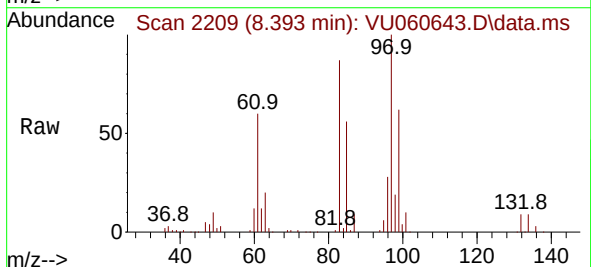
Instrument :
MSVOA_U
ClientSampleId :

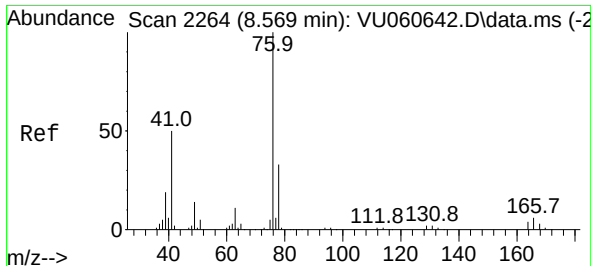
Tgt Ion: 75 Resp: 281294
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.2
39 38.9 30.7 46.1



#52
1,1,2-Trichloroethane
Concen: 12.651 ug/l
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU060643.D
Acq: 06 Sep 2024 14:06

Tgt Ion: 97 Resp: 134652
Ion Ratio Lower Upper
97 100
83 87.1 71.4 107.2
85 55.8 46.9 70.3
99 61.7 48.7 73.1

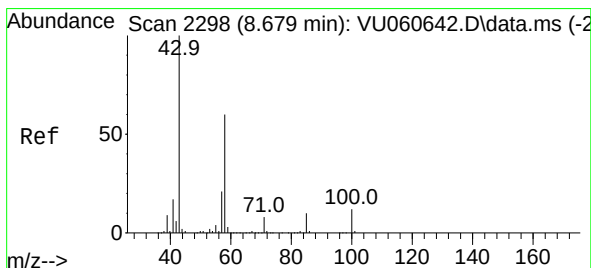
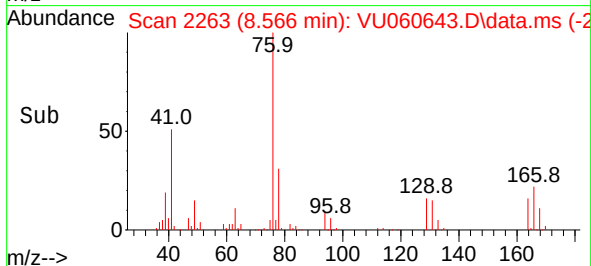
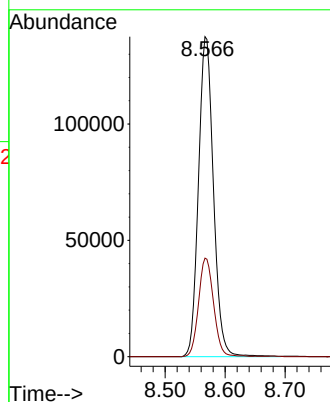
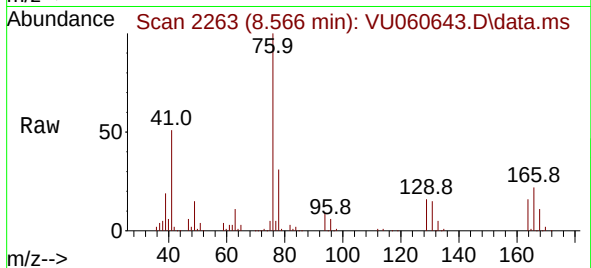




#53
1,3-Dichloropropane
Concen: 13.951 ug/l
RT: 8.566 min Scan# 2263
Delta R.T. -0.003 min
Lab File: VU060643.D
Acq: 06 Sep 2024 14:06

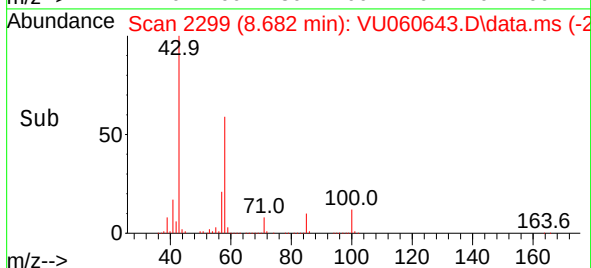
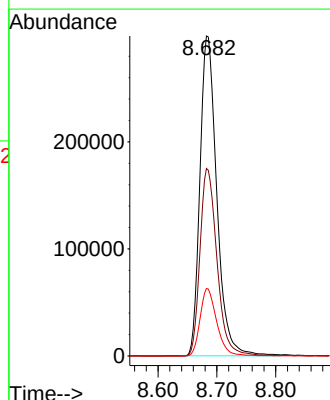
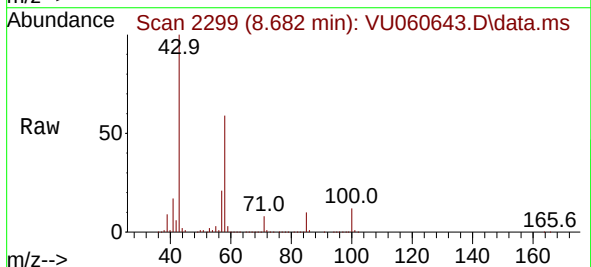
Instrument :
MSVOA_U
ClientSampleId :

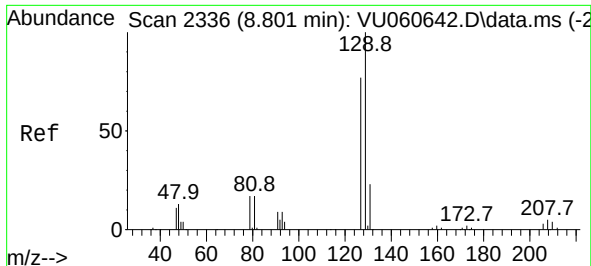
Tgt Ion: 76 Resp: 239045
Ion Ratio Lower Upper
76 100
78 31.0 26.3 39.5



#54
2-Hexanone
Concen: 105.920 ug/l
RT: 8.682 min Scan# 2299
Delta R.T. 0.003 min
Lab File: VU060643.D
Acq: 06 Sep 2024 14:06

Tgt Ion: 43 Resp: 594672
Ion Ratio Lower Upper
43 100
58 59.1 39.5 79.5
57 20.8 0.5 40.5





#55

Dibromochloromethane

Concen: 14.110 ug/l

RT: 8.801 min Scan# 2336

Delta R.T. 0.000 min

Lab File: VU060643.D

Acq: 06 Sep 2024 14:06

Instrument :

MSVOA_U

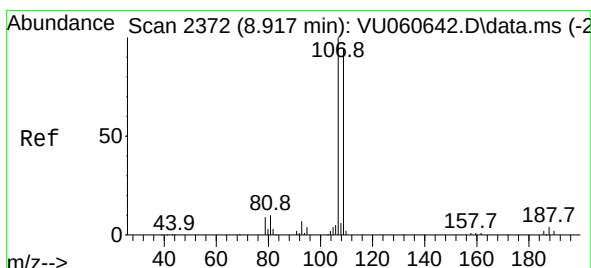
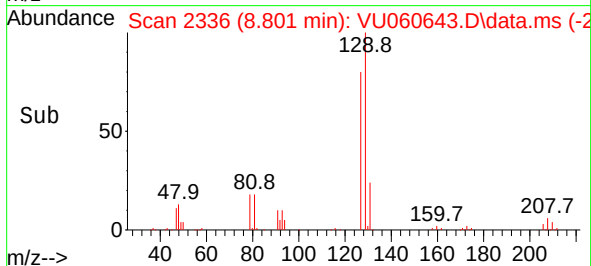
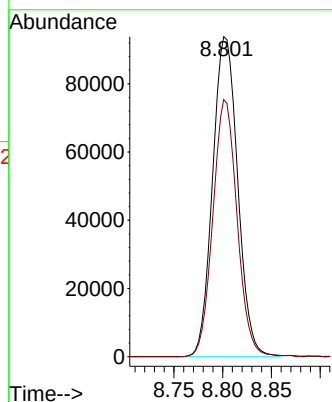
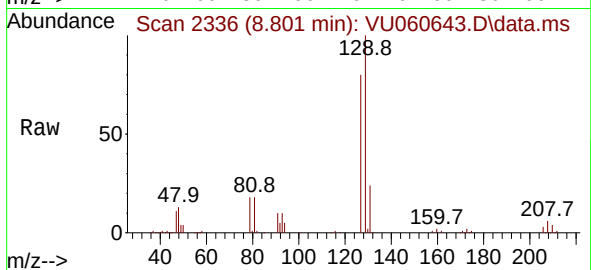
ClientSampleId :

Tgt Ion:129 Resp: 167899

Ion Ratio Lower Upper

129 100

127 77.7 60.6 91.0



#56

1,2-Dibromoethane

Concen: 12.962 ug/l

RT: 8.917 min Scan# 2372

Delta R.T. 0.000 min

Lab File: VU060643.D

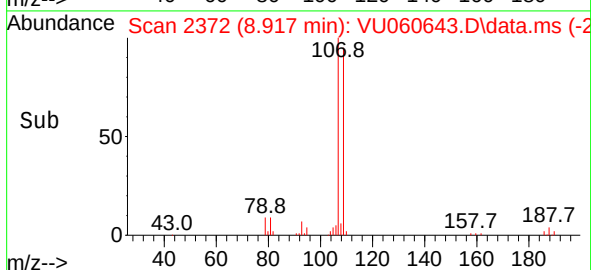
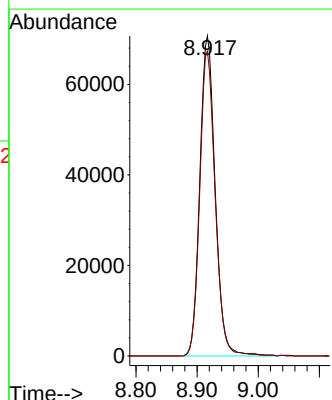
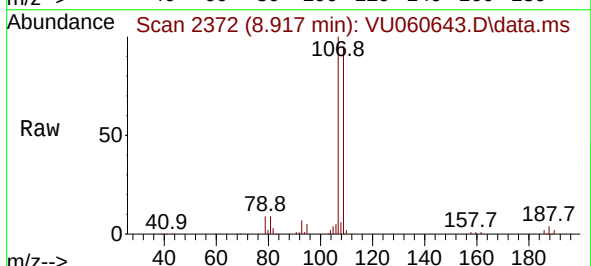
Acq: 06 Sep 2024 14:06

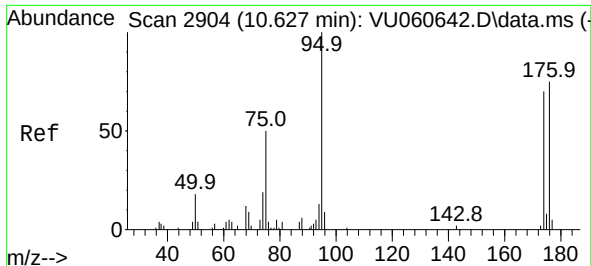
Tgt Ion:107 Resp: 123643

Ion Ratio Lower Upper

107 100

109 94.7 0.0 190.6





#57

4-Bromofluorobenzene

Concen: 1.089 ug/l

RT: 10.631 min Scan# 2905

Delta R.T. 0.003 min

Lab File: VU060643.D

Acq: 06 Sep 2024 14:06

Instrument :

MSVOA_U

ClientSampleId :

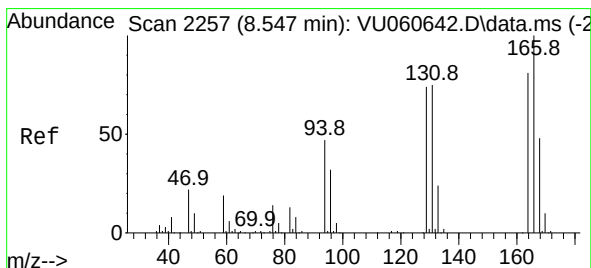
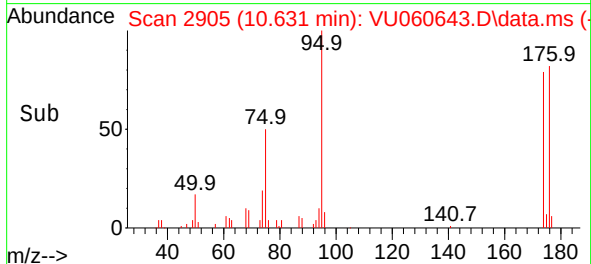
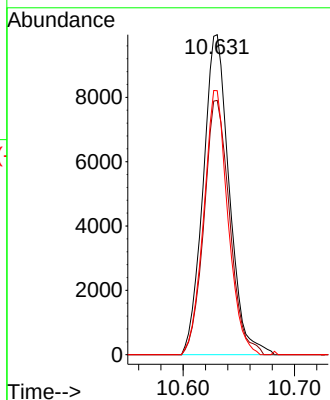
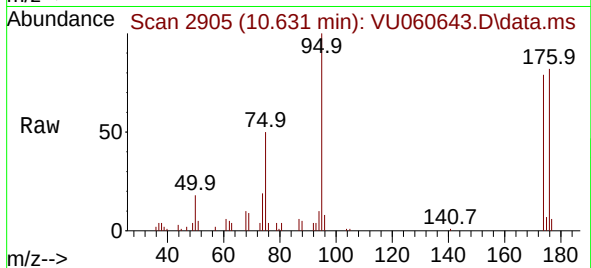
Tgt Ion: 95 Resp: 16216

Ion Ratio Lower Upper

95 100

174 78.0 63.2 94.8

176 76.5 62.8 94.2



#58

Tetrachloroethene

Concen: 15.128 ug/l

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

Lab File: VU060643.D

Acq: 06 Sep 2024 14:06

Tgt Ion: 164 Resp: 182986

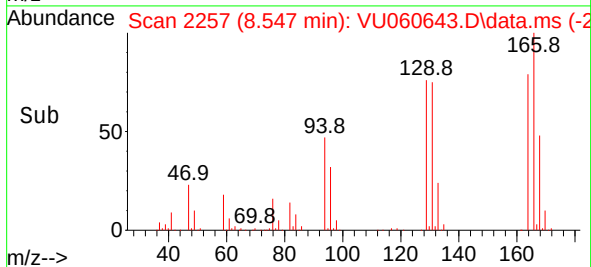
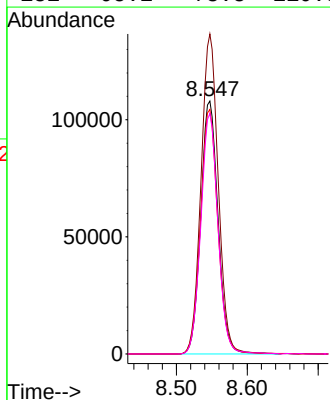
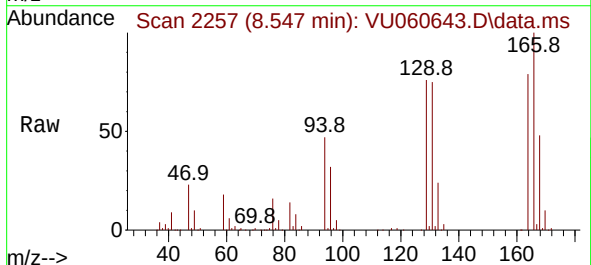
Ion Ratio Lower Upper

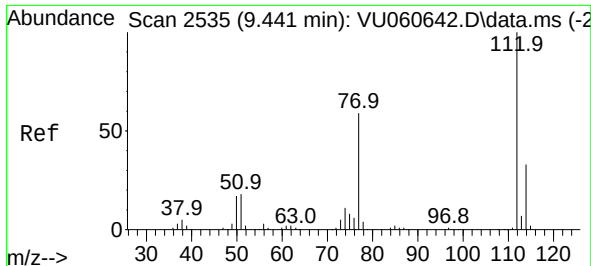
164 100

166 126.5 98.5 147.7

129 96.7 73.0 109.6

131 95.1 73.8 110.8





#59

Chlorobenzene

Concen: 15.573 ug/l

RT: 9.441 min Scan# 2535

Delta R.T. 0.000 min

Lab File: VU060643.D

Acq: 06 Sep 2024 14:06

Instrument :

MSVOA_U

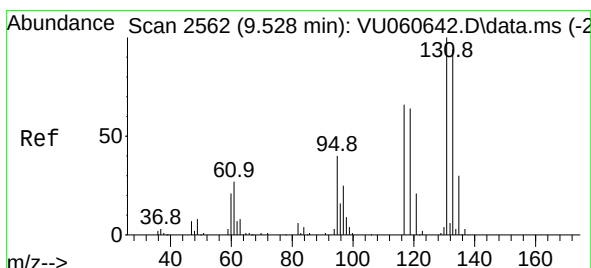
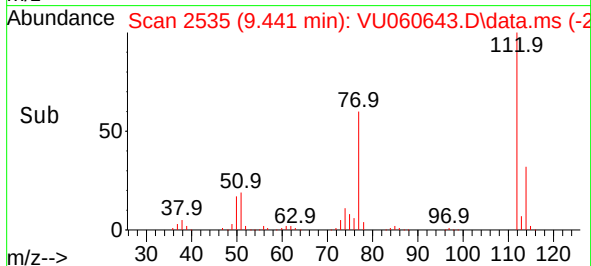
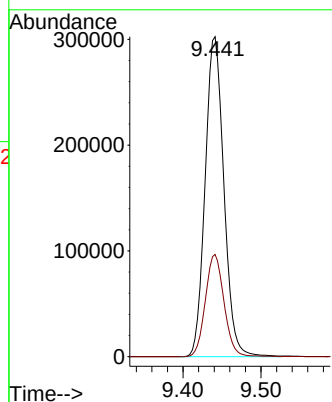
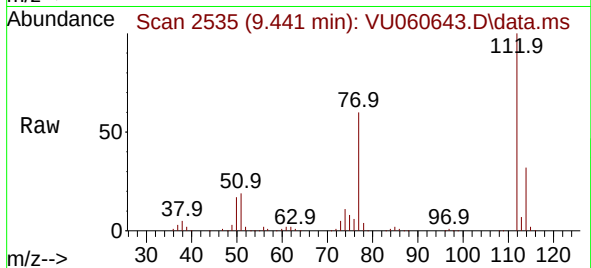
ClientSampleId :

Tgt Ion:112 Resp: 505247

Ion Ratio Lower Upper

112 100

114 32.0 26.2 39.2



#60

1,1,1,2-Tetrachloroethane

Concen: 14.266 ug/l

RT: 9.525 min Scan# 2561

Delta R.T. -0.003 min

Lab File: VU060643.D

Acq: 06 Sep 2024 14:06

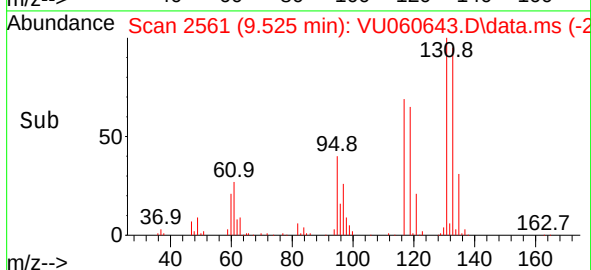
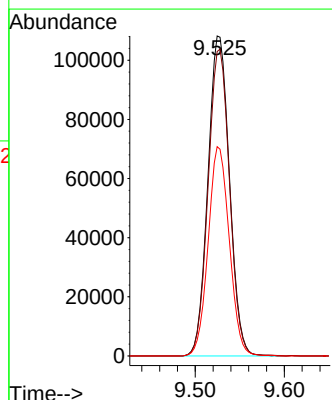
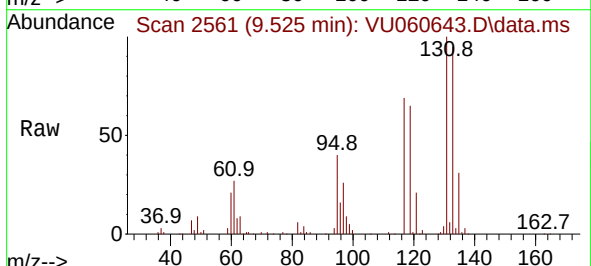
Tgt Ion:131 Resp: 181494

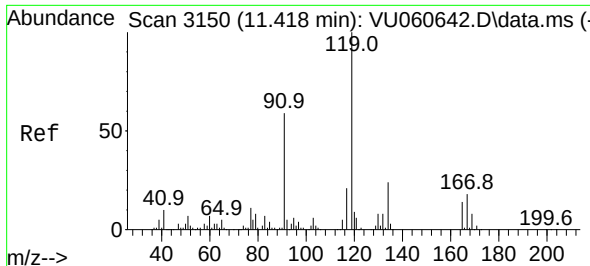
Ion Ratio Lower Upper

131 100

133 95.5 76.7 115.1

119 64.2 52.6 79.0

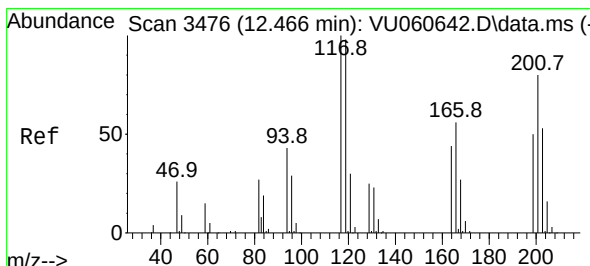
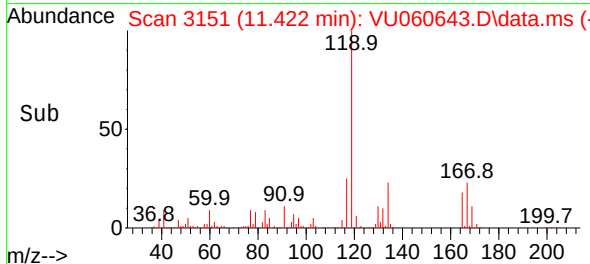
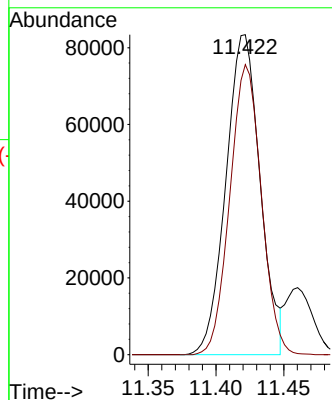
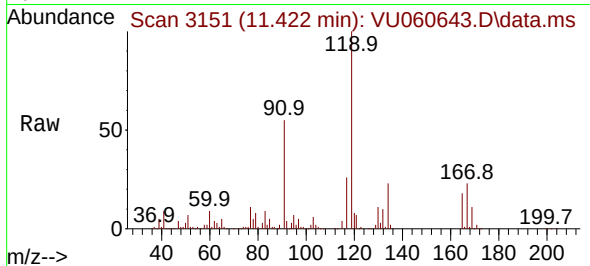




#61
 Pentachloroethane
 Concen: 13.738 ug/l
 RT: 11.422 min Scan# 3151
 Delta R.T. 0.003 min
 Lab File: VU060643.D
 Acq: 06 Sep 2024 14:06

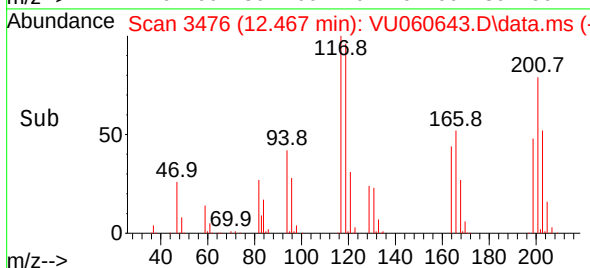
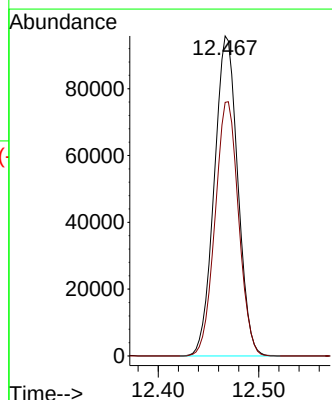
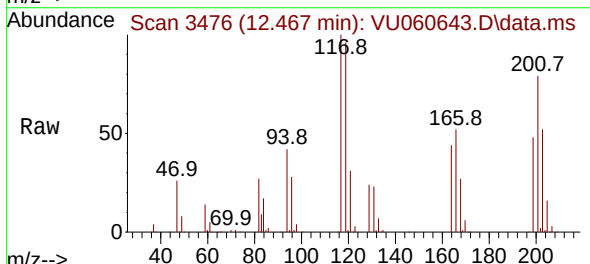
Instrument :
 MSVOA_U
 ClientSampleId :

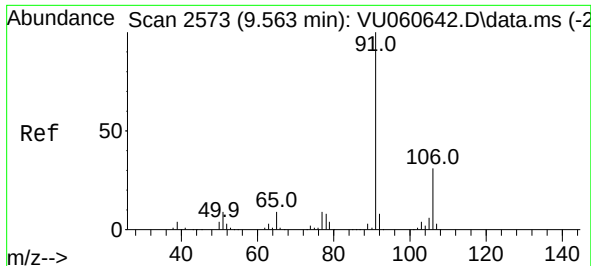
Tgt Ion:117 Resp: 146472
 Ion Ratio Lower Upper
 117 100
 167 83.2 65.3 97.9



#62
 Hexachloroethane
 Concen: 14.968 ug/l
 RT: 12.467 min Scan# 3476
 Delta R.T. 0.000 min
 Lab File: VU060643.D
 Acq: 06 Sep 2024 14:06

Tgt Ion:117 Resp: 155581
 Ion Ratio Lower Upper
 117 100
 201 79.3 65.0 97.6





#63

Ethyl Benzene

Concen: 17.579 ug/l

RT: 9.563 min Scan# 2573

Delta R.T. 0.000 min

Lab File: VU060643.D

Acq: 06 Sep 2024 14:06

Instrument :

MSVOA_U

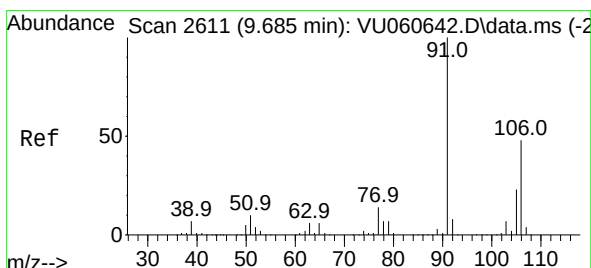
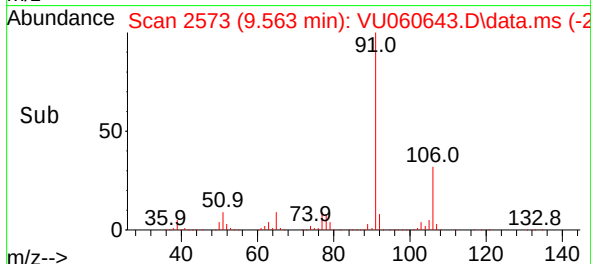
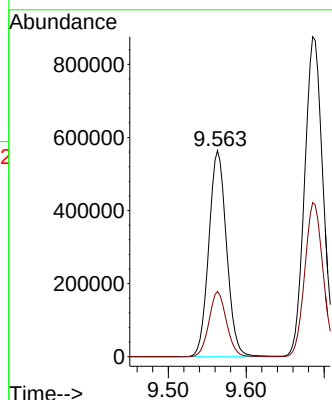
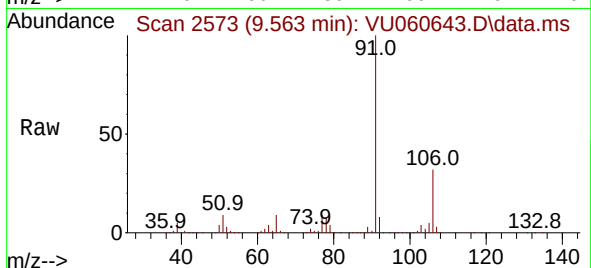
ClientSampleId :

Tgt Ion: 91 Resp: 893109

Ion Ratio Lower Upper

91 100

106 31.6 24.9 37.3



#64

m/p-Xylenes

Concen: 34.462 ug/l

RT: 9.685 min Scan# 2611

Delta R.T. 0.000 min

Lab File: VU060643.D

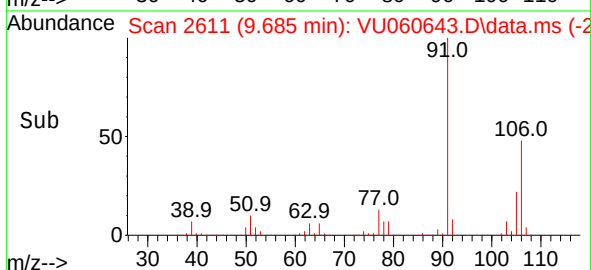
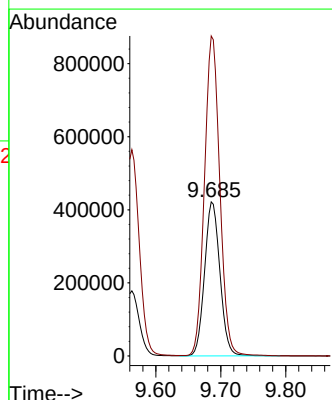
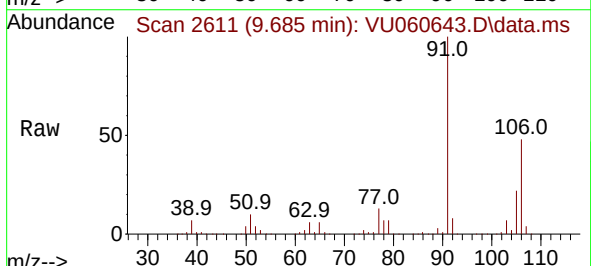
Acq: 06 Sep 2024 14:06

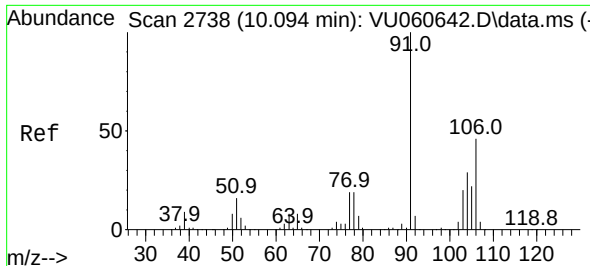
Tgt Ion:106 Resp: 693381

Ion Ratio Lower Upper

106 100

91 207.7 165.2 247.8

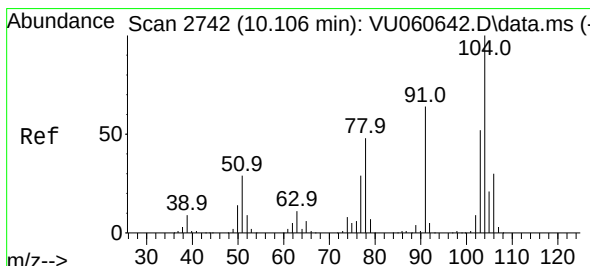
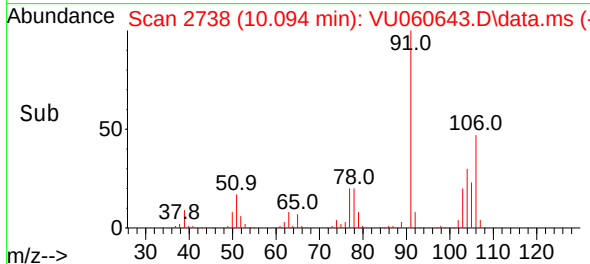
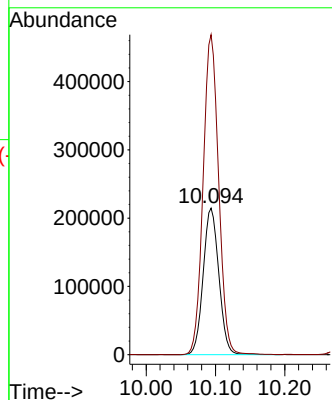
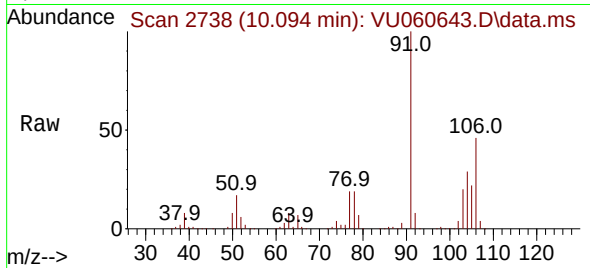




#65
o-Xylene
Concen: 17.351 ug/l
RT: 10.094 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU060643.D
Acq: 06 Sep 2024 14:06

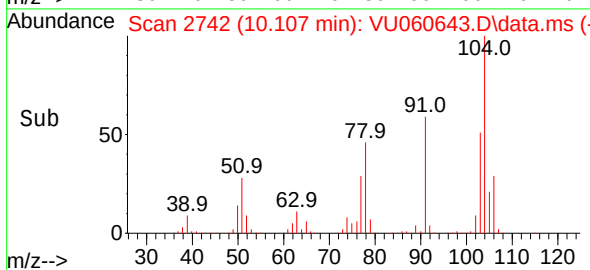
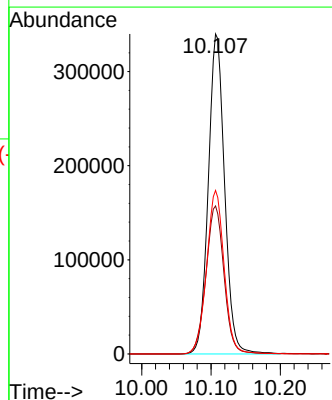
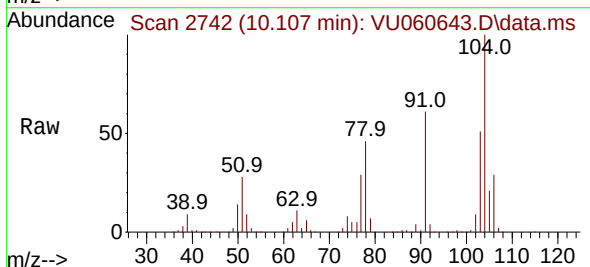
Instrument :
MSVOA_U
ClientSampleId :

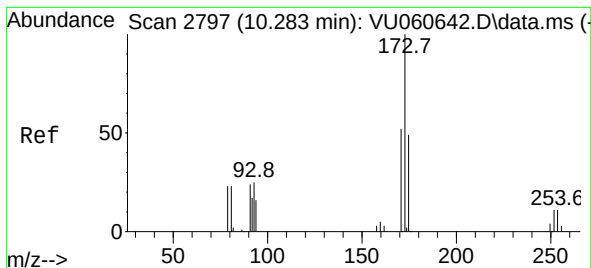
Tgt Ion:106 Resp: 336463
Ion Ratio Lower Upper
106 100
91 216.5 107.9 323.8



#66
Styrene
Concen: 17.347 ug/l
RT: 10.107 min Scan# 2742
Delta R.T. 0.000 min
Lab File: VU060643.D
Acq: 06 Sep 2024 14:06

Tgt Ion:104 Resp: 554727
Ion Ratio Lower Upper
104 100
78 51.3 41.5 62.3
103 55.1 45.3 67.9





#67

Bromoform

Concen: 14.043 ug/l

RT: 10.283 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VU060643.D

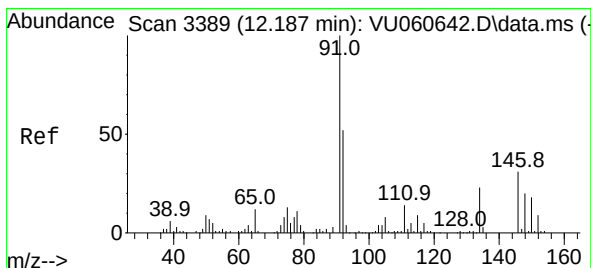
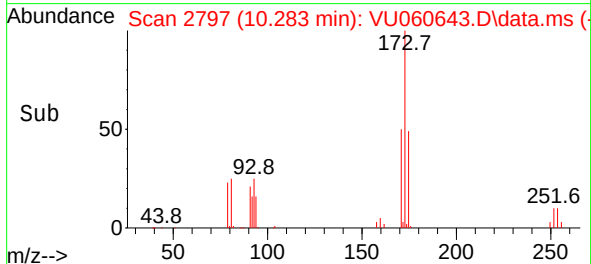
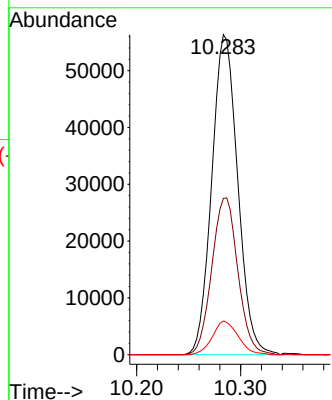
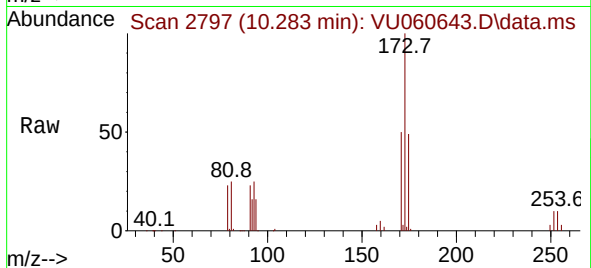
Acq: 06 Sep 2024 14:06

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:173	Resp:	97720
Ion Ratio	Lower	Upper
173	100	
175	49.1	38.8 58.2
254	10.4	8.6 12.8



#68

1,2-Dichlorobenzene-d4

Concen: 1.046 ug/l

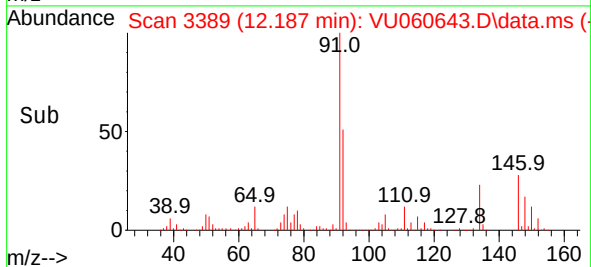
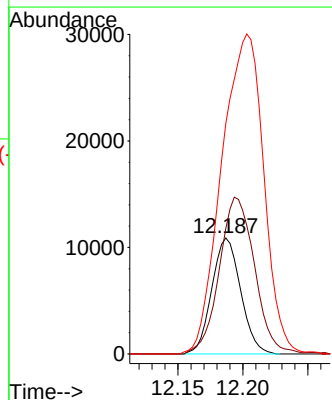
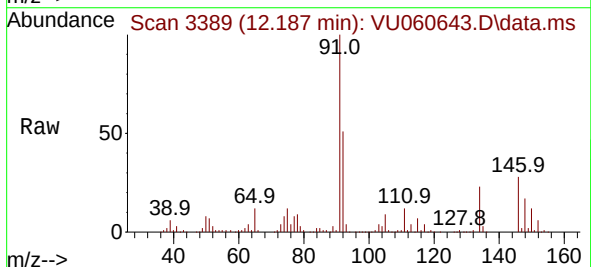
RT: 12.187 min Scan# 3389

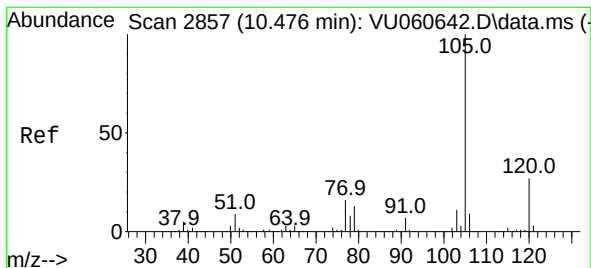
Delta R.T. 0.000 min

Lab File: VU060643.D

Acq: 06 Sep 2024 14:06

Tgt Ion:152	Resp:	16785
Ion Ratio	Lower	Upper
152	100	
115	165.4	0.0 300.4
150	403.0	0.0 669.4





#69

Isopropylbenzene

Concen: 17.762 ug/l

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU060643.D

Acq: 06 Sep 2024 14:06

Instrument :

MSVOA_U

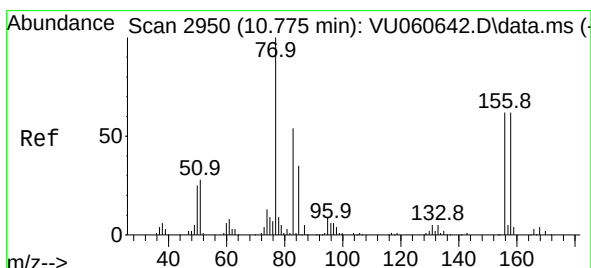
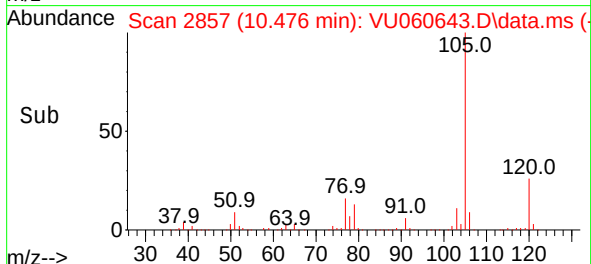
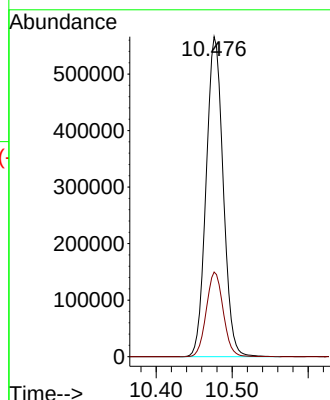
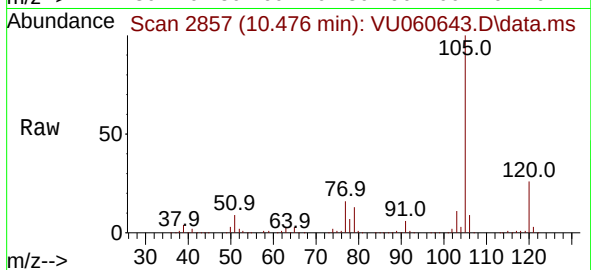
ClientSampleId :

Tgt Ion:105 Resp: 880853

Ion Ratio Lower Upper

105 100

120 26.3 13.3 39.8



#70

1,1,2,2-Tetrachloroethane

Concen: 12.540 ug/l

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU060643.D

Acq: 06 Sep 2024 14:06

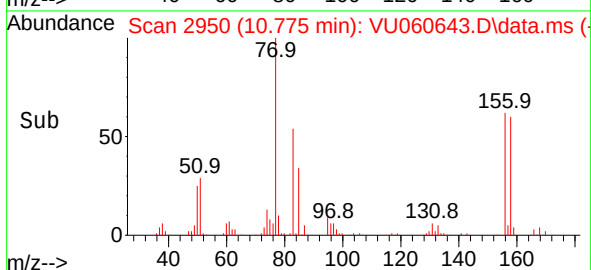
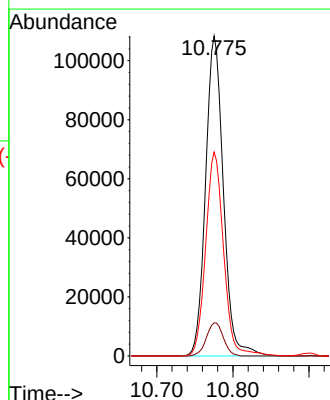
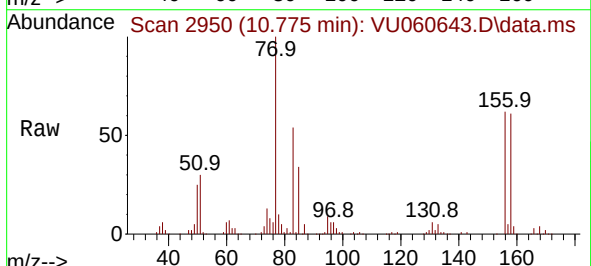
Tgt Ion: 83 Resp: 176061

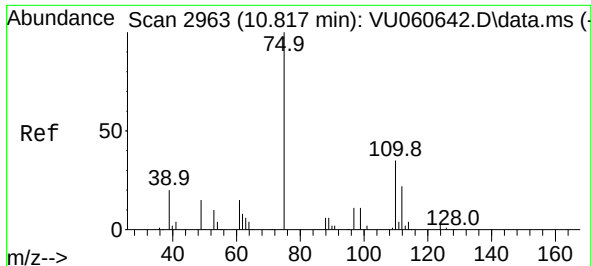
Ion Ratio Lower Upper

83 100

131 9.9 8.2 12.2

85 64.2 52.1 78.1

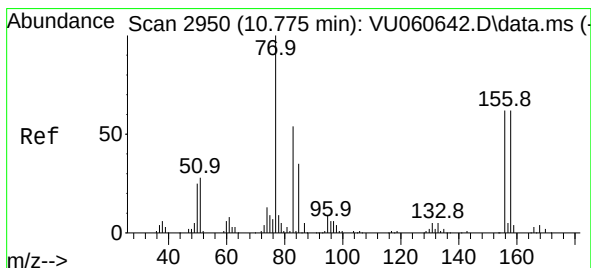
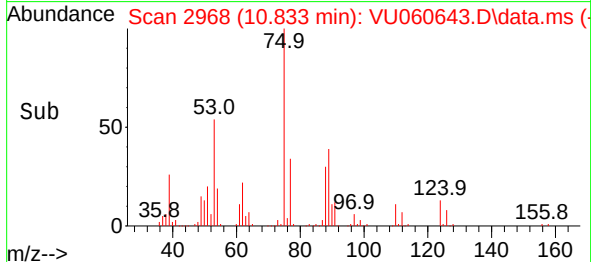
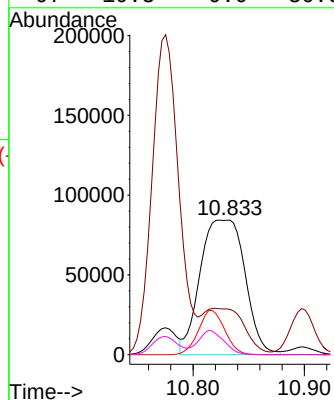
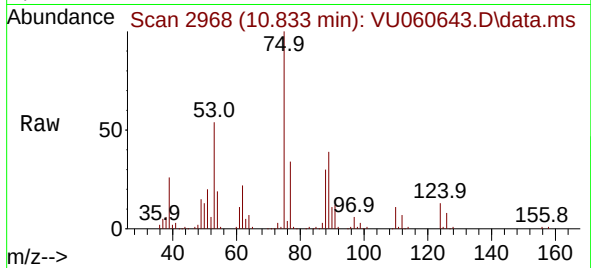




#71
1,2,3-Trichloropropane
Concen: 22.890 ug/l
RT: 10.833 min Scan# 2968
Delta R.T. 0.016 min
Lab File: VU060643.D
Acq: 06 Sep 2024 14:06

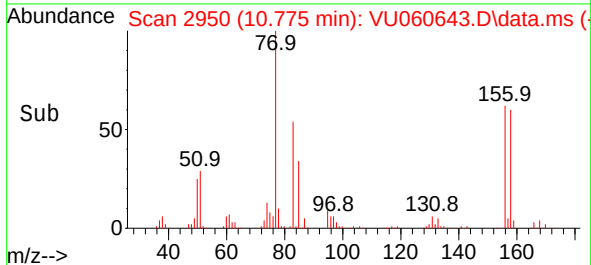
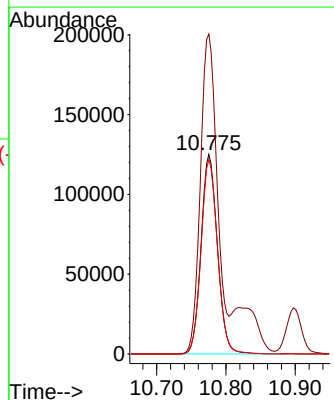
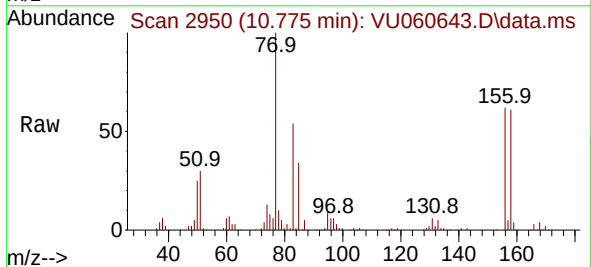
Instrument :
MSVOA_U
ClientSampleId :

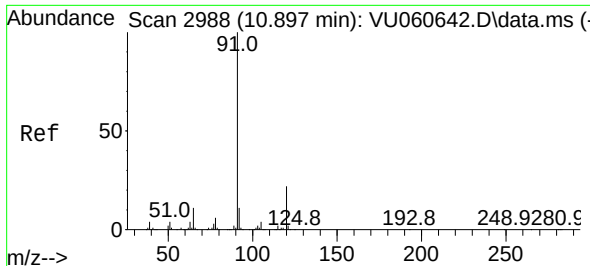
Tgt Ion: 75 Resp: 235752
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0
110 19.4 0.0 68.8
97 10.3 0.0 36.0



#72
Bromobenzene
Concen: 15.496 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU060643.D
Acq: 06 Sep 2024 14:06

Tgt Ion:156 Resp: 205084
Ion Ratio Lower Upper
156 100
77 163.7 0.0 320.2
158 97.5 0.0 196.0

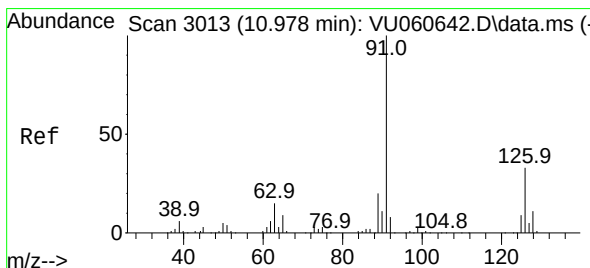
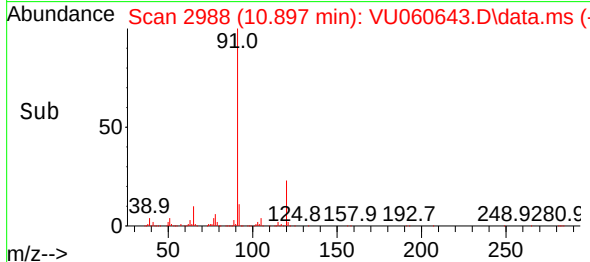
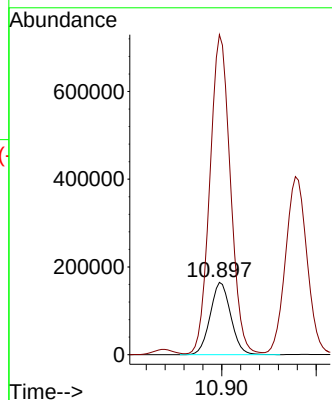
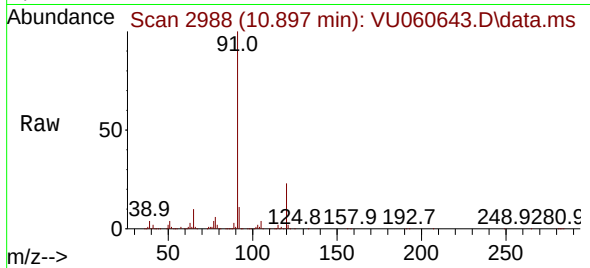




#73
n-propylbenzene
Concen: 18.002 ug/l
RT: 10.897 min Scan# 2988
Delta R.T. 0.000 min
Lab File: VU060643.D
Acq: 06 Sep 2024 14:06

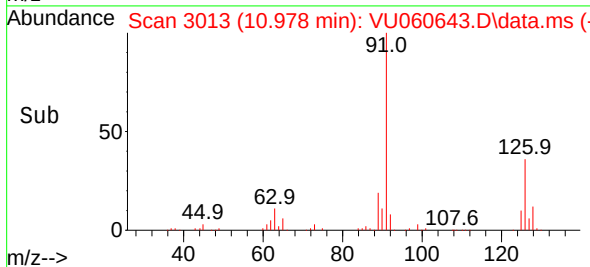
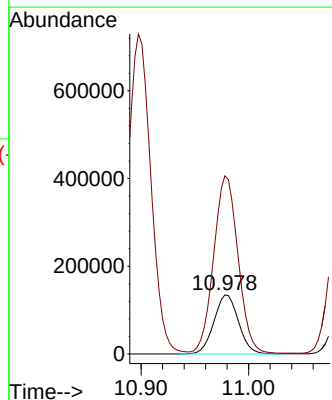
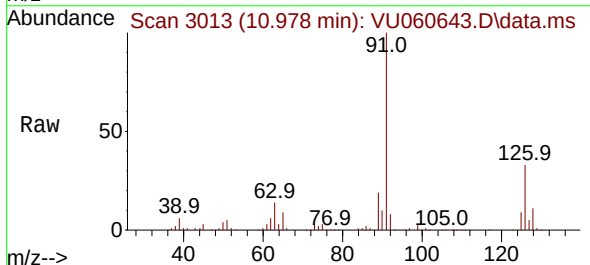
Instrument :
MSVOA_U
ClientSampleId :

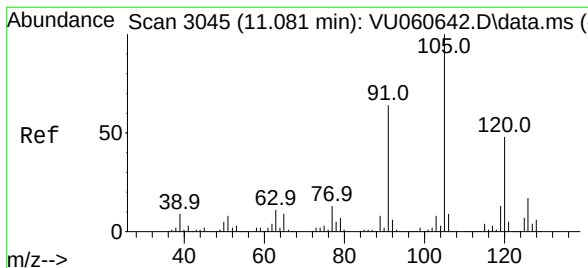
Tgt Ion:120 Resp: 248170
Ion Ratio Lower Upper
120 100
91 441.1 358.4 537.6



#74
2-Chlorotoluene
Concen: 16.553 ug/l
RT: 10.978 min Scan# 3013
Delta R.T. 0.000 min
Lab File: VU060643.D
Acq: 06 Sep 2024 14:06

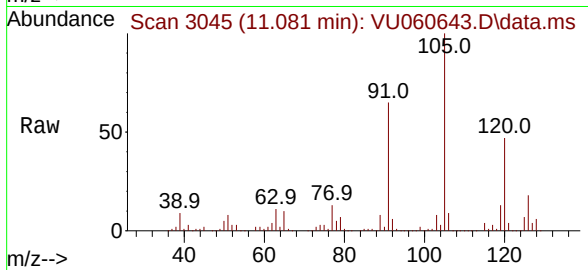
Tgt Ion:126 Resp: 213105
Ion Ratio Lower Upper
126 100
91 298.2 0.0 599.6



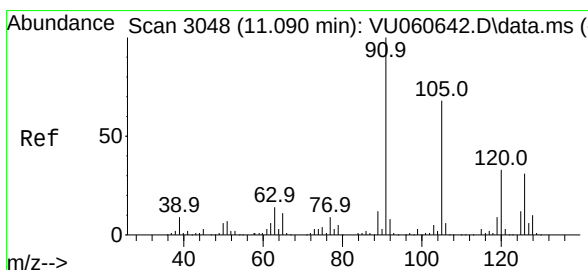
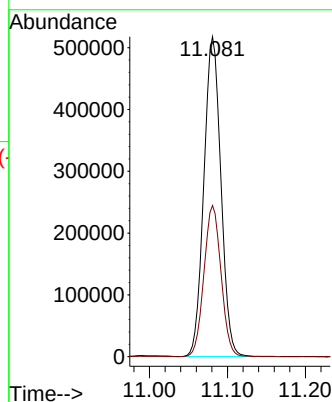
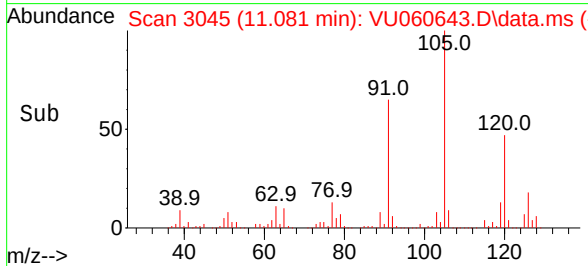


#75
1,3,5-Trimethylbenzene
Concen: 18.149 ug/l
RT: 11.081 min Scan# 3045
Delta R.T. 0.000 min
Lab File: VU060643.D
Acq: 06 Sep 2024 14:06

Instrument :
MSVOA_U
ClientSampleId :

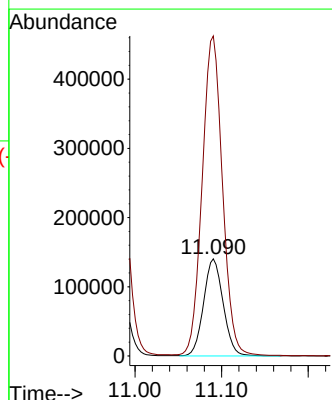
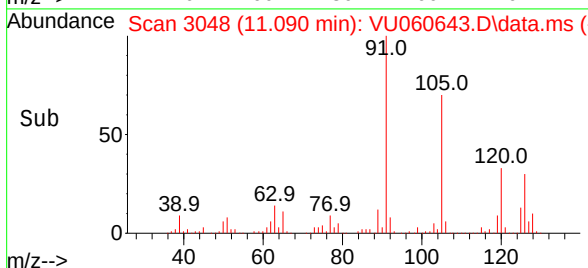
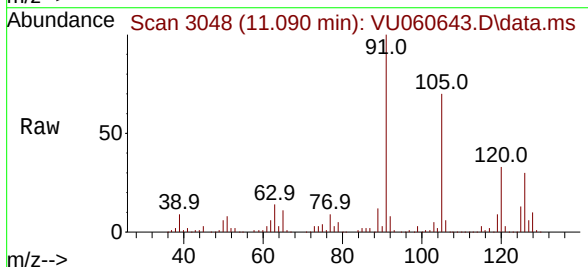


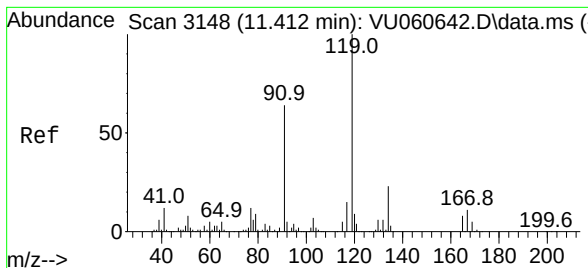
Tgt Ion:105 Resp: 784983
Ion Ratio Lower Upper
105 100
120 47.4 38.3 57.5



#76
4-Chlorotoluene
Concen: 16.437 ug/l
RT: 11.090 min Scan# 3048
Delta R.T. 0.000 min
Lab File: VU060643.D
Acq: 06 Sep 2024 14:06

Tgt Ion:126 Resp: 219794
Ion Ratio Lower Upper
126 100
91 342.3 0.0 676.6





#77

tert-Butylbenzene

Concen: 17.461 ug/l

RT: 11.412 min Scan# 3148

Delta R.T. 0.000 min

Lab File: VU060643.D

Acq: 06 Sep 2024 14:06

Instrument :

MSVOA_U

ClientSampleId :

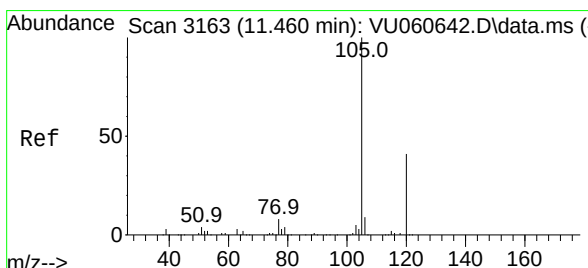
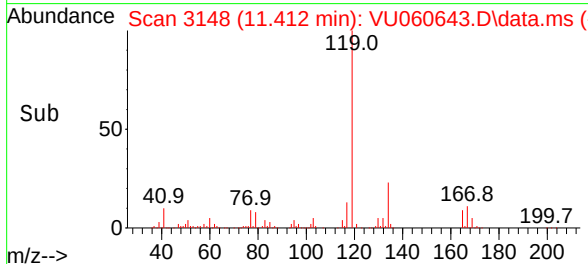
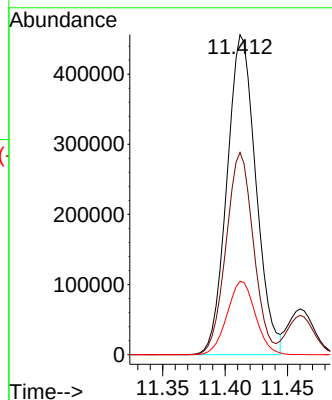
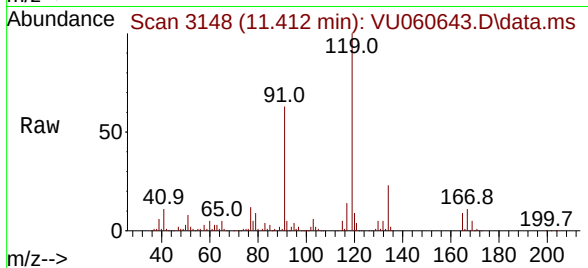
Tgt Ion:119 Resp: 737277

Ion Ratio Lower Upper

119 100

91 60.0 30.3 90.8

134 22.5 18.3 27.5



#78

1,2,4-Trimethylbenzene

Concen: 18.207 ug/l

RT: 11.460 min Scan# 3163

Delta R.T. 0.000 min

Lab File: VU060643.D

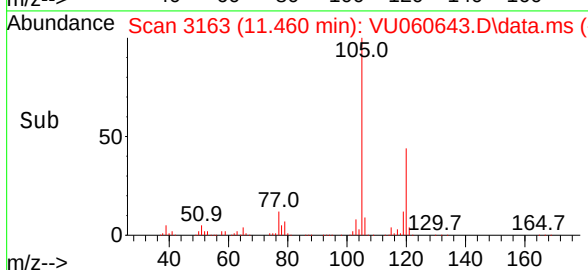
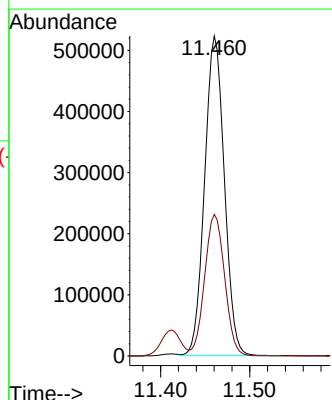
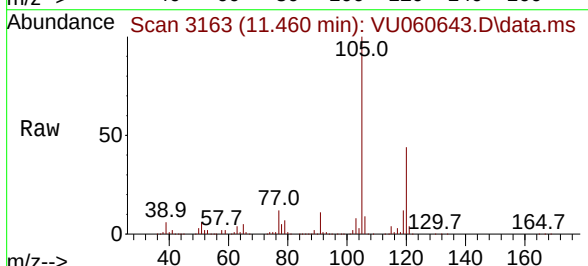
Acq: 06 Sep 2024 14:06

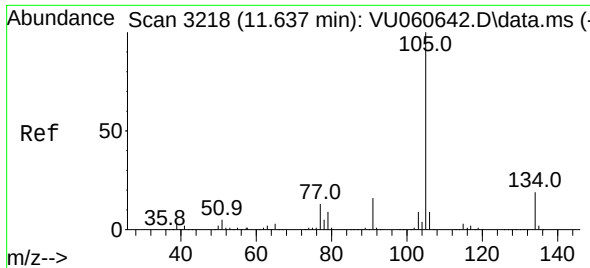
Tgt Ion:105 Resp: 804351

Ion Ratio Lower Upper

105 100

120 44.9 22.6 67.7

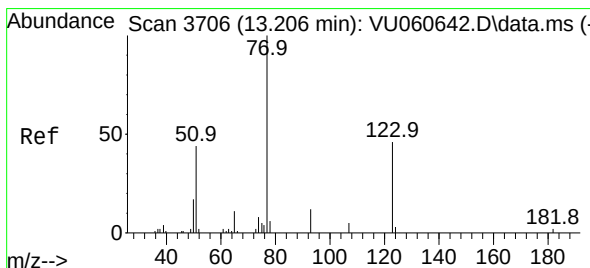
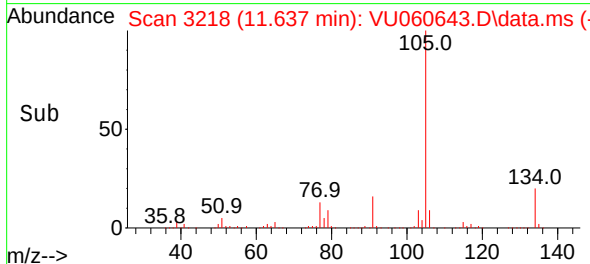
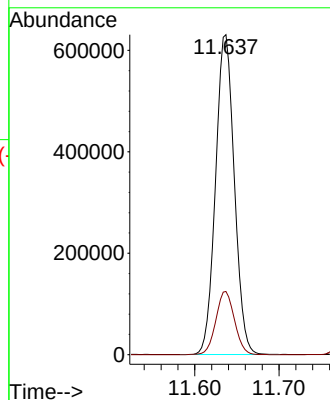
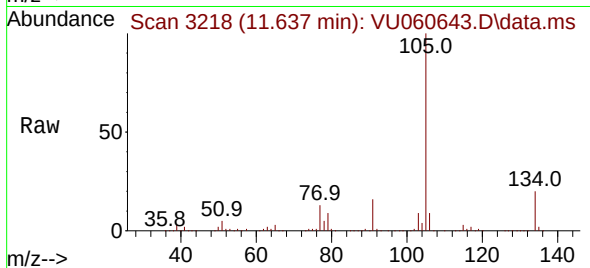




#79
 sec-Butylbenzene
 Concen: 17.403 ug/l
 RT: 11.637 min Scan# 3218
 Delta R.T. 0.000 min
 Lab File: VU060643.D
 Acq: 06 Sep 2024 14:06

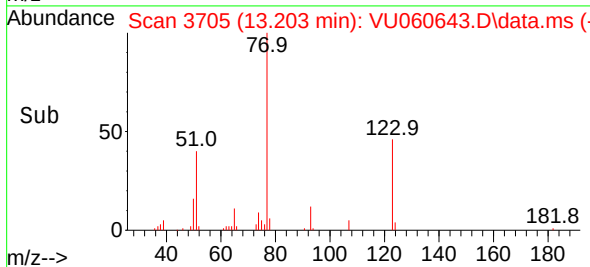
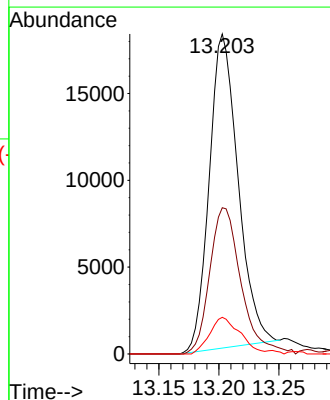
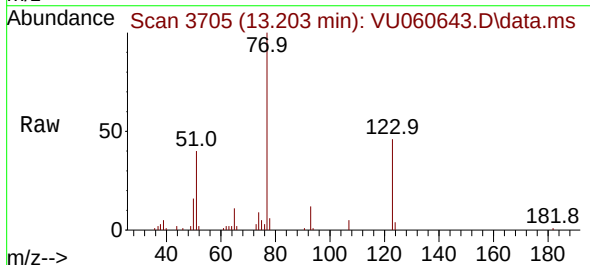
Instrument :
 MSVOA_U
 ClientSampleId :

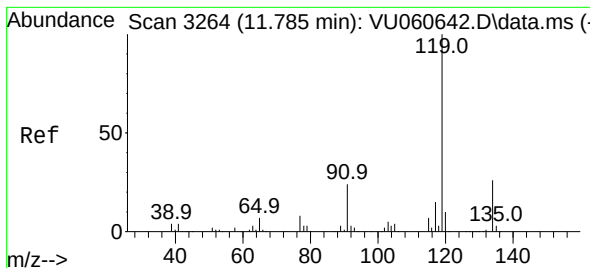
Tgt Ion:105 Resp: 973214
 Ion Ratio Lower Upper
 105 100
 134 19.7 15.8 23.6



#80
 Nitrobenzene
 Concen: 50.827 ug/l
 RT: 13.203 min Scan# 3705
 Delta R.T. -0.003 min
 Lab File: VU060643.D
 Acq: 06 Sep 2024 14:06

Tgt Ion: 77 Resp: 30257
 Ion Ratio Lower Upper
 77 100
 123 50.4 19.9 70.5
 65 11.4 9.9 12.5





#81

p-Isopropyltoluene

Concen: 18.485 ug/l

RT: 11.785 min Scan# 3264

Delta R.T. 0.000 min

Lab File: VU060643.D

Acq: 06 Sep 2024 14:06

Instrument :

MSVOA_U

ClientSampleId :

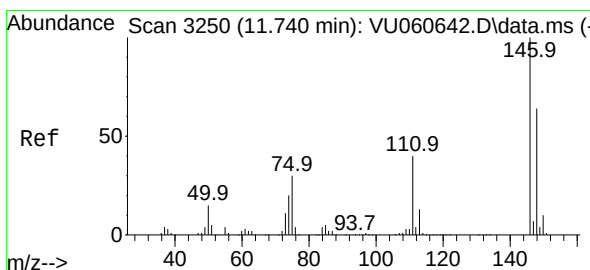
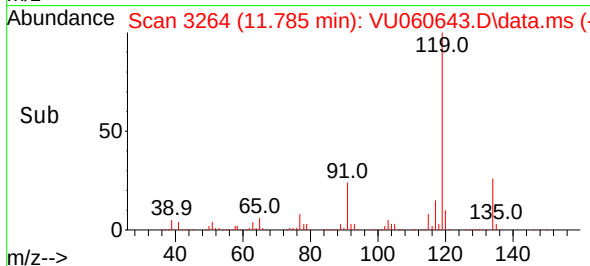
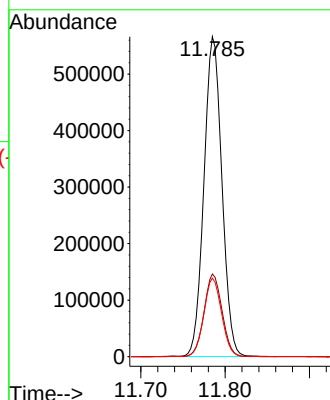
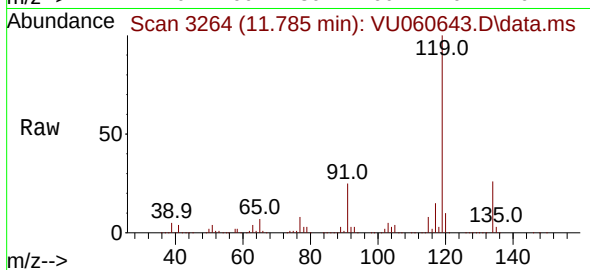
Tgt Ion:119 Resp: 840630

Ion Ratio Lower Upper

119 100

134 25.8 20.9 31.3

91 24.3 19.5 29.3



#82

1,3-Dichlorobenzene

Concen: 15.545 ug/l

RT: 11.740 min Scan# 3250

Delta R.T. 0.000 min

Lab File: VU060643.D

Acq: 06 Sep 2024 14:06

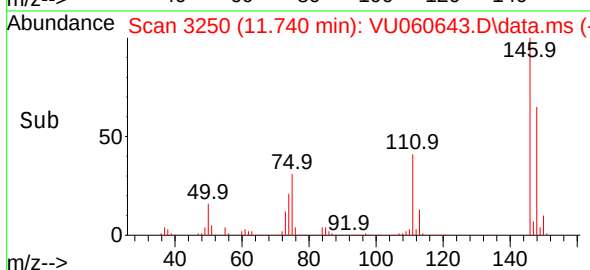
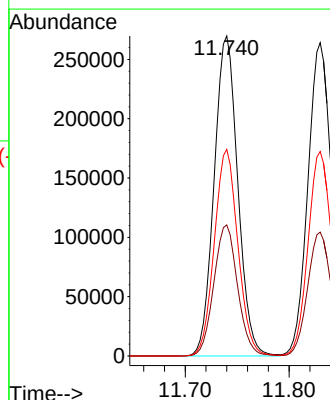
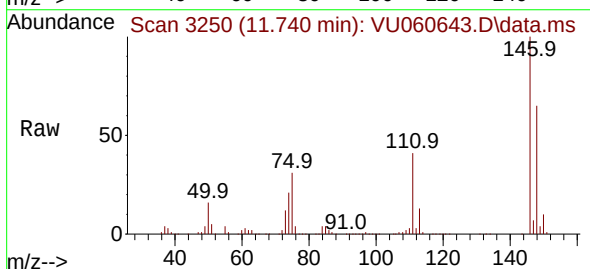
Tgt Ion:146 Resp: 427141

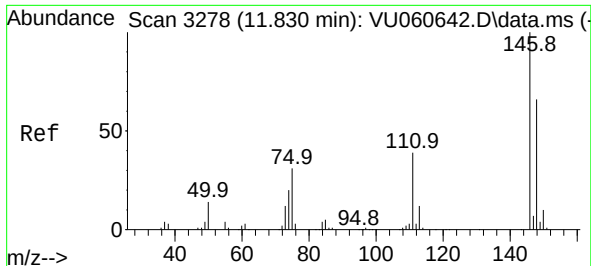
Ion Ratio Lower Upper

146 100

111 41.1 33.0 49.4

148 64.3 51.8 77.6





#83

1,4-Dichlorobenzene

Concen: 15.534 ug/l

RT: 11.830 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU060643.D

Acq: 06 Sep 2024 14:06

Instrument :

MSVOA_U

ClientSampleId :

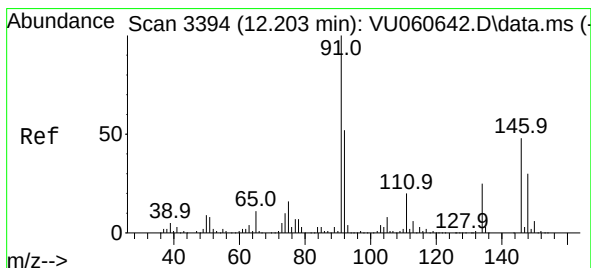
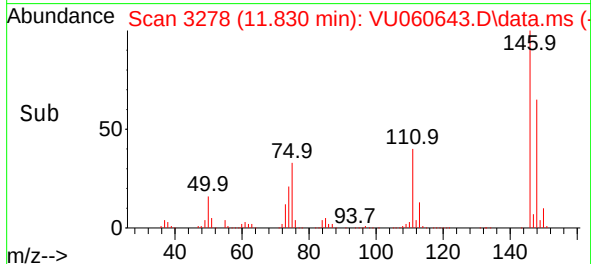
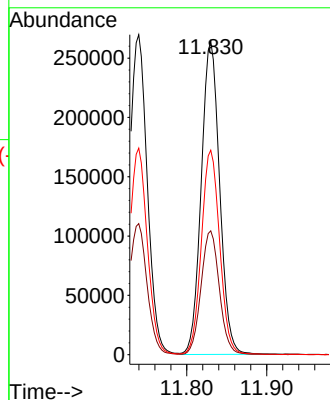
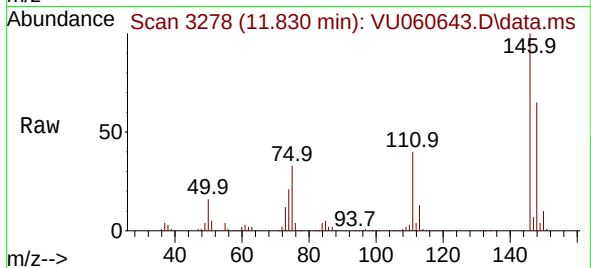
Tgt Ion:146 Resp: 422767

Ion Ratio Lower Upper

146 100

111 39.1 31.8 47.6

148 65.0 52.1 78.1



#84

n-Butylbenzene

Concen: 17.662 ug/l

RT: 12.200 min Scan# 3393

Delta R.T. -0.003 min

Lab File: VU060643.D

Acq: 06 Sep 2024 14:06

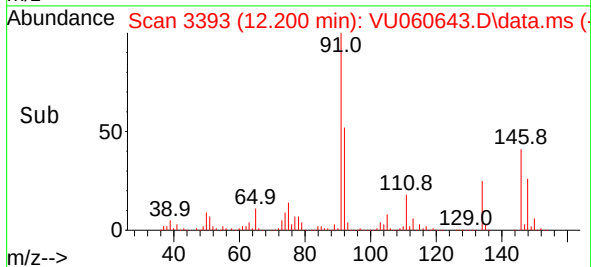
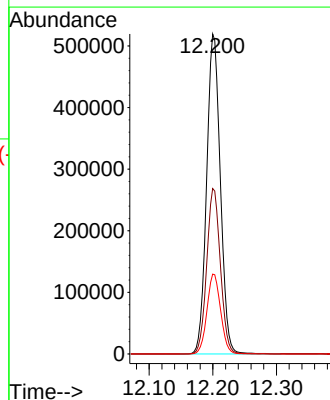
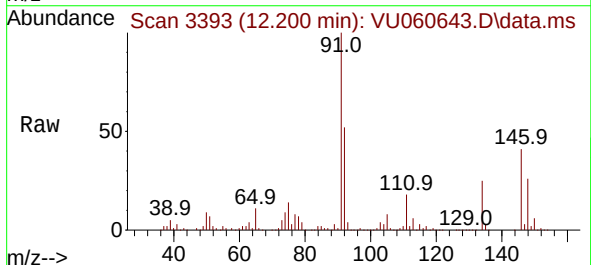
Tgt Ion: 91 Resp: 776120

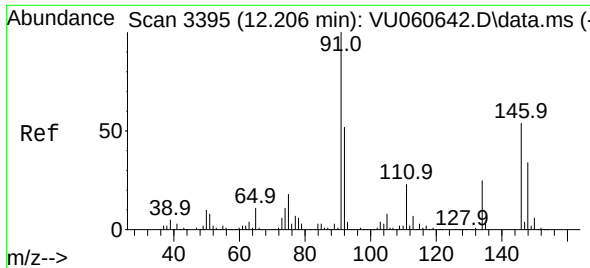
Ion Ratio Lower Upper

91 100

92 51.5 41.3 61.9

134 24.8 19.8 29.8

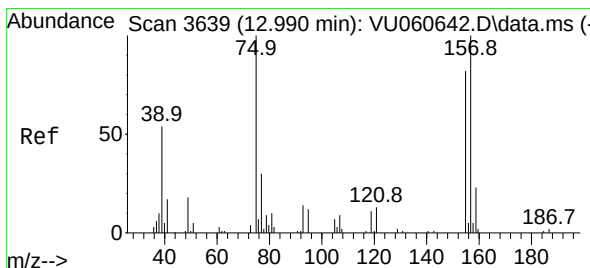
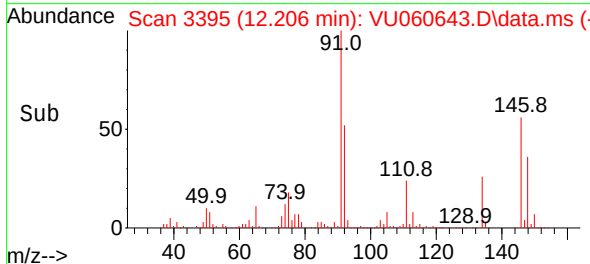
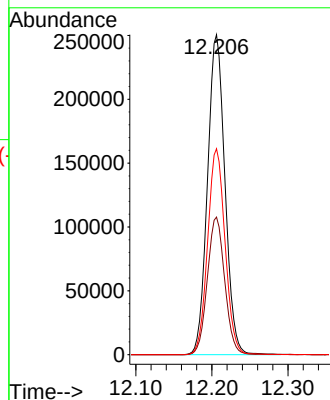
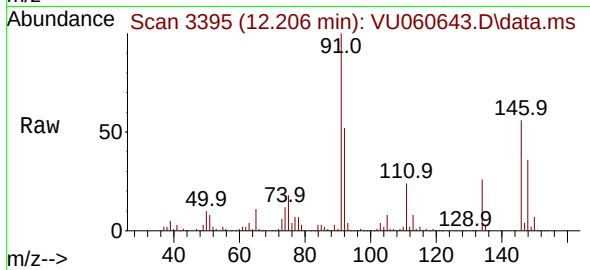




#85
1,2-Dichlorobenzene
Concen: 15.051 ug/l
RT: 12.206 min Scan# 3395
Delta R.T. 0.000 min
Lab File: VU060643.D
Acq: 06 Sep 2024 14:06

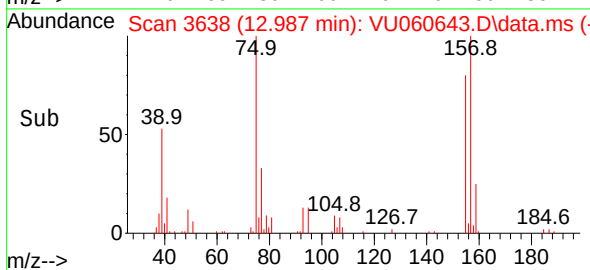
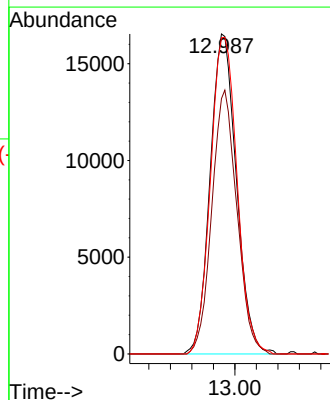
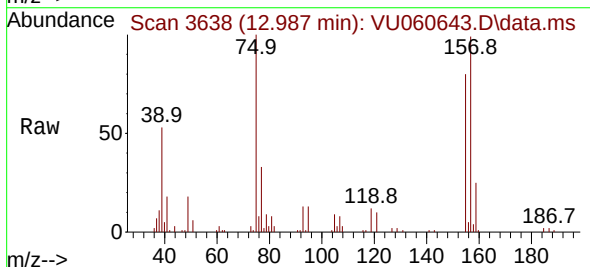
Instrument :
MSVOA_U
ClientSampleId :

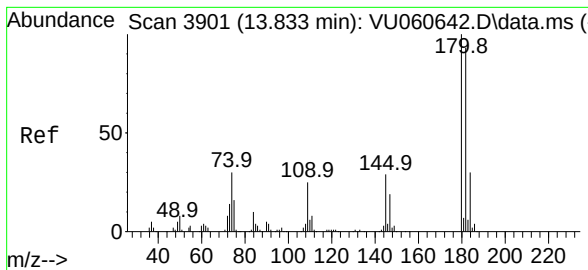
Tgt Ion:146 Resp: 399249
Ion Ratio Lower Upper
146 100
111 42.9 21.1 63.1
148 64.4 31.6 94.8



#86
1,2-Dibromo-3-Chloropropane
Concen: 13.632 ug/l
RT: 12.987 min Scan# 3638
Delta R.T. -0.003 min
Lab File: VU060643.D
Acq: 06 Sep 2024 14:06

Tgt Ion: 75 Resp: 28025
Ion Ratio Lower Upper
75 100
155 78.9 67.6 101.4
157 100.2 81.0 121.6





#87

1,2,4-Trichlorobenzene

Concen: 16.383 ug/l

RT: 13.833 min Scan# 3901

Delta R.T. 0.000 min

Lab File: VU060643.D

Acq: 06 Sep 2024 14:06

Instrument :

MSVOA_U

ClientSampleId :

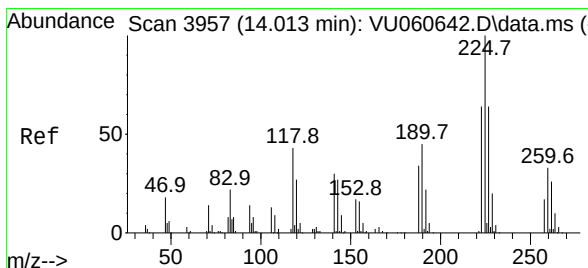
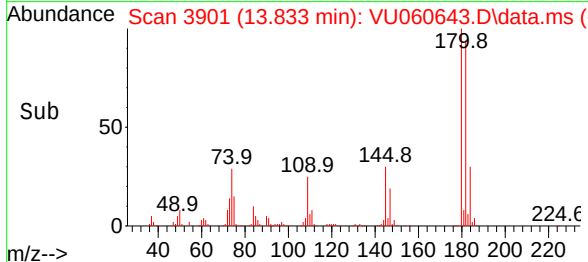
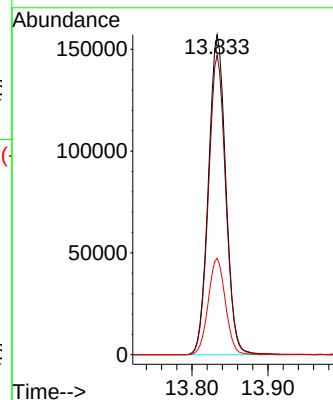
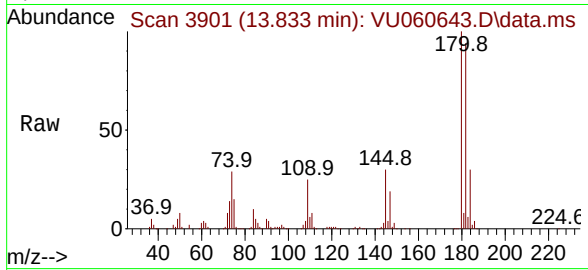
Tgt Ion:180 Resp: 249073

Ion Ratio Lower Upper

180 100

182 93.3 75.0 112.4

145 29.8 23.8 35.6



#88

Hexachlorobutadiene

Concen: 15.764 ug/l

RT: 14.013 min Scan# 3957

Delta R.T. 0.000 min

Lab File: VU060643.D

Acq: 06 Sep 2024 14:06

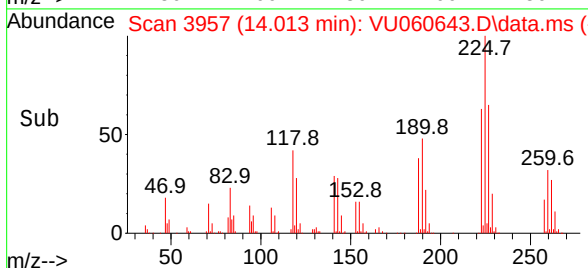
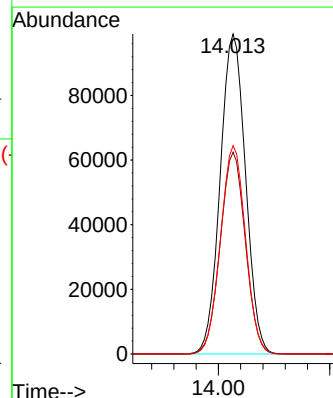
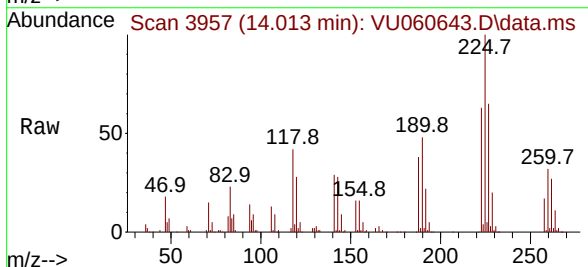
Tgt Ion:225 Resp: 156411

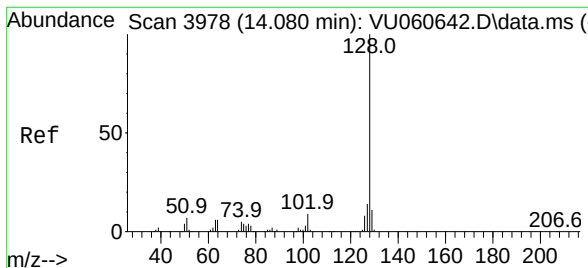
Ion Ratio Lower Upper

225 100

223 62.6 50.3 75.5

227 64.3 50.6 76.0





#89

Naphthalene

Concen: 15.047 ug/l

RT: 14.081 min Scan# 3978

Delta R.T. 0.000 min

Lab File: VU060643.D

Acq: 06 Sep 2024 14:06

Instrument :

MSVOA_U

ClientSampleId :

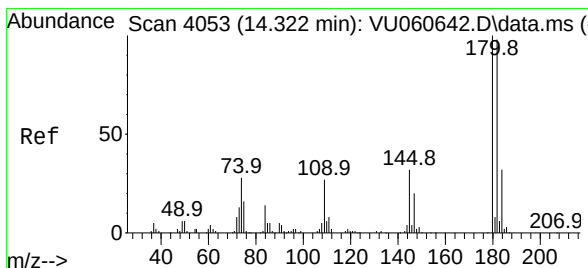
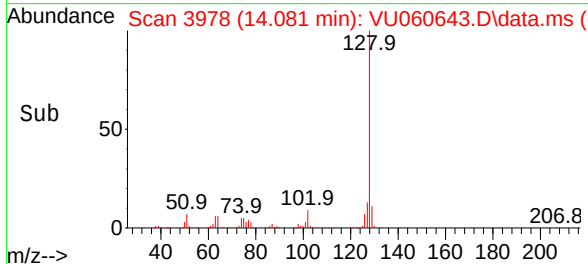
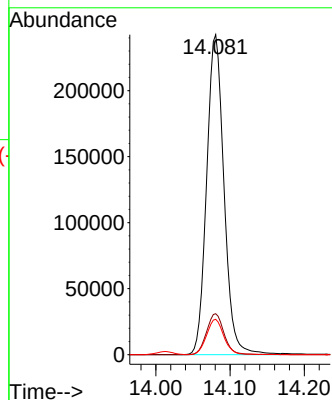
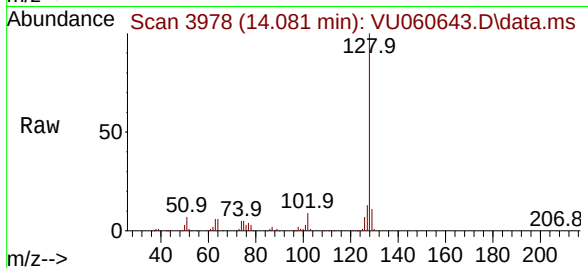
Tgt Ion:128 Resp: 392910

Ion Ratio Lower Upper

128 100

127 12.9 11.0 16.4

129 11.0 8.6 13.0



#90

1,2,3-Trichlorobenzene

Concen: 15.072 ug/l

RT: 14.322 min Scan# 4053

Delta R.T. 0.000 min

Lab File: VU060643.D

Acq: 06 Sep 2024 14:06

Tgt Ion:180 Resp: 219536

Ion Ratio Lower Upper

180 100

182 95.9 77.1 115.7

145 30.8 25.4 38.0

