

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101824\
 Data File : VU061156.D
 Acq On : 18 Oct 2024 10:26
 Operator : MD/SY
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 18 23:45:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101724DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Oct 18 02:52:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.110	96	28257	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	15374	1.024	ug/l	0.00
Spiked Amount	1.000		Recovery	=	102.000%	
68) 1,2-Dichlorobenzene-d4	12.184	152	15712	1.062	ug/l	0.00
Spiked Amount	1.000		Recovery	=	106.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	171727	11.034	ug/l	98
3) Chloromethane	1.515	50	162216	10.956	ug/l	99
4) Vinyl Chloride	1.599	62	170376	11.204	ug/l	99
5) Bromomethane	1.853	94	104352	10.921	ug/l	99
6) Chloroethane	1.930	64	118524	11.631	ug/l	99
7) Trichlorofluoromethane	2.129	101	275832	12.751	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.573	101	119116	11.075	ug/l	97
9) 1,1-Dichloroethene	2.570	96	127380	11.361	ug/l	99
10) Iodomethane	2.714	142	175268	10.945	ug/l	100
11) Allyl Chloride	2.914	41	158931	11.005	ug/l	100
12) Acrylonitrile	3.319	53	51006	22.621	ug/l	99
13) Acetone	2.647	43	160440	54.555	ug/l	98
14) Carbon Disulfide	2.785	76	422911	10.948	ug/l	100
15) Methylene Chloride	3.036	84	143968	9.922	ug/l	99
16) trans-1,2-Dichloroethene	3.341	96	144520	10.992	ug/l	100
17) 1,1-Dichloroethane	3.856	63	260346	11.168	ug/l	99
18) 2-Butanone	4.708	43	195840	54.387	ug/l	100
19) Cyclohexane	5.377	56	202204	9.683	ug/l	90
20) Methylcyclohexane	6.753	83	258537	11.104	ug/l	99
21) 2,2-Dichloropropane	4.653	77	231401	10.760	ug/l	99
22) cis-1,2-Dichloroethene	4.656	96	159471	11.133	ug/l	100
23) Diethyl Ether	2.370	59	95517	10.964	ug/l	99
24) tert-Butyl Alcohol	3.261	59	29739	32.717	ug/l	# 68
25) Methyl tert-Butyl Ether	3.354	73	334794	11.147	ug/l	99
26) Bromochloromethane	4.962	128	67512	11.271	ug/l	97
27) Chloroform	5.078	83	274129	11.213	ug/l	99
28) 1,1,1-Trichloroethane	5.306	97	239323	11.104	ug/l	99
29) 1,1-Dichloropropene	5.515	75	208099	10.922	ug/l	100
30) Carbon Tetrachloride	5.515	117	209834	11.221	ug/l	100
31) Isopropyl Ether	3.981	45	374132	11.249	ug/l	100
32) Ethyl-t-butyl ether	4.489	59	386479	11.302	ug/l	99
33) Tert-Amyl methyl ether	5.930	73	356976	11.598	ug/l	99
34) Propionitrile	4.792	54	50323	58.579	ug/l	# 98
35) Benzene	5.763	78	604699	11.274	ug/l	100
36) 1,2-Dichloroethane	5.785	62	168469	11.124	ug/l	99
37) Trichloroethene	6.534	130	157959	11.033	ug/l	100
38) 1,2-Dichloropropane	6.782	63	152731	11.242	ug/l	99
39) Methacrylonitrile	4.968	41	36684	11.857	ug/l	97
40) Methyl acrylate	4.843	55	69596	11.093	ug/l	99
41) Tetrahydrofuran	5.058	42	39036	21.008	ug/l	97
42) 1-Chlorobutane	5.447	56	269923	11.045	ug/l	99
43) Dibromomethane	6.910	93	77576	11.012	ug/l	99
44) Bromodichloromethane	7.097	83	192965	11.265	ug/l	100

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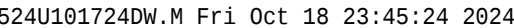
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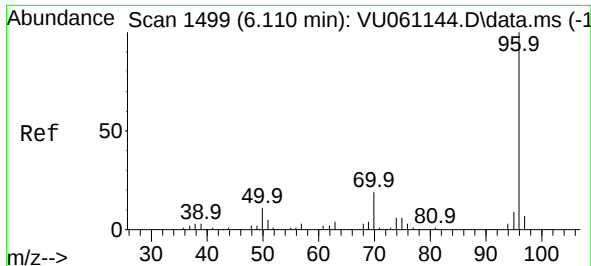
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Oct 18 02:52:28 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.782	43	388895	54.996	ug/l	100
46) t-1,4-Dichloro-2-butene	10.817	75	174347	61.834	ug/l #	51
47) Methyl methacrylate	6.952	69	141553	23.121	ug/l	99
48) Ethyl methacrylate	8.325	69	149301	11.437	ug/l	100
49) Toluene	7.962	92	382712	11.294	ug/l	100
50) t-1,3-Dichloropropene	8.203	75	189548	11.477	ug/l	98
51) cis-1,3-Dichloropropene	7.598	75	232124	11.455	ug/l	99
52) 1,1,2-Trichloroethane	8.393	97	106237	11.182	ug/l	100
53) 1,3-Dichloropropane	8.566	76	185529	11.118	ug/l	99
54) 2-Hexanone	8.679	43	310141	53.389	ug/l	100
55) Dibromochloromethane	8.801	129	129438	11.541	ug/l	99
56) 1,2-Dibromoethane	8.914	107	101748	11.162	ug/l	98
58) Tetrachloroethene	8.547	164	133360	10.986	ug/l	99
59) Chlorobenzene	9.438	112	406510	11.137	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.524	131	141516	11.492	ug/l	98
61) Pentachloroethane	11.418	117	111509	11.833	ug/l	100
62) Hexachloroethane	12.466	117	115959	11.943	ug/l	99
63) Ethyl Benzene	9.563	91	732843	11.207	ug/l	100
64) m/p-Xylenes	9.685	106	559613	22.486	ug/l	99
65) o-Xylene	10.094	106	276285	11.271	ug/l	99
66) Styrene	10.106	104	441977	11.593	ug/l	99
67) Bromoform	10.283	173	69415	11.819	ug/l	98
69) Isopropylbenzene	10.476	105	655838	11.247	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.772	83	131940	11.434	ug/l	99
71) 1,2,3-Trichloropropane	10.817	75	174347	18.552	ug/l #	78
72) Bromobenzene	10.775	156	154990	11.054	ug/l	100
73) n-propylbenzene	10.897	120	196066	11.522	ug/l	98
74) 2-Chlorotoluene	10.978	126	166142	11.289	ug/l	100
75) 1,3,5-Trimethylbenzene	11.081	105	601339	11.437	ug/l	100
76) 4-Chlorotoluene	11.090	126	169405	11.326	ug/l	99
77) tert-Butylbenzene	11.412	119	594280	11.435	ug/l	100
78) 1,2,4-Trimethylbenzene	11.460	105	607942	11.453	ug/l	100
79) sec-Butylbenzene	11.634	105	775991	11.466	ug/l	100
80) Nitrobenzene	13.206	77	15013	45.861	ug/l	89
81) p-Isopropyltoluene	11.785	119	645371	11.518	ug/l	99
82) 1,3-Dichlorobenzene	11.737	146	306333	11.387	ug/l	100
83) 1,4-Dichlorobenzene	11.830	146	307346	11.459	ug/l	99
84) n-Butylbenzene	12.200	91	610936	11.752	ug/l	99
85) 1,2-Dichlorobenzene	12.206	146	286459	11.390	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.987	75	20665	12.069	ug/l	97
87) 1,2,4-Trichlorobenzene	13.833	180	175093	12.173	ug/l	98
88) Hexachlorobutadiene	14.013	225	93396	11.483	ug/l	99
89) Naphthalene	14.077	128	310641	12.238	ug/l	100
90) 1,2,3-Trichlorobenzene	14.322	180	153812	11.903	ug/l	99

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

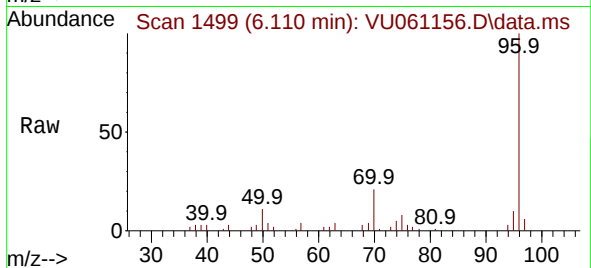
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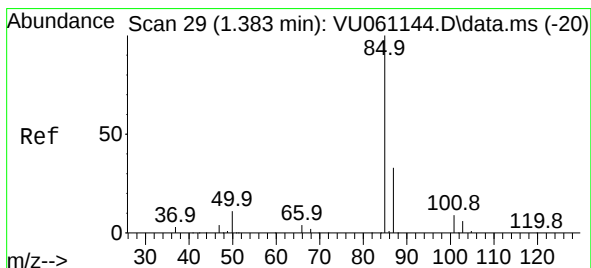
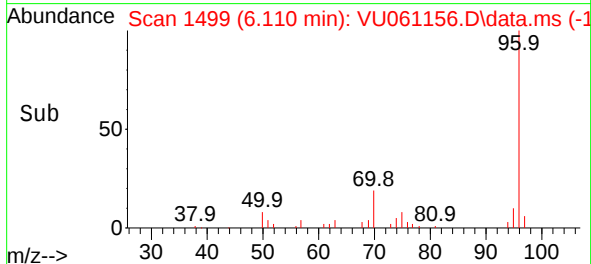
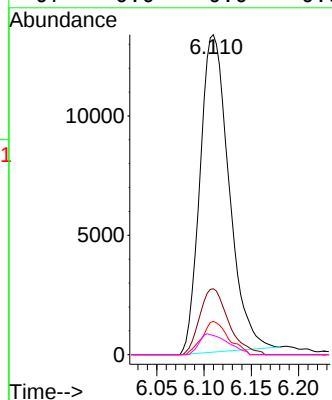
#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 1499
Delta R.T. -0.000 min
Lab File: VU061156.D
Acq: 18 Oct 2024 10:26

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 96 Resp: 28257

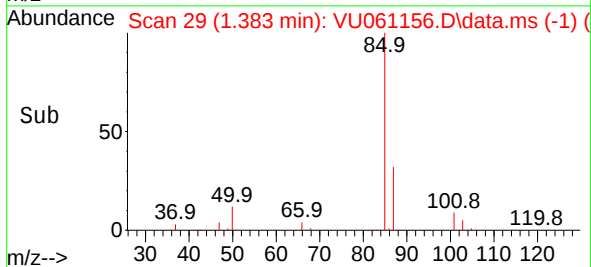
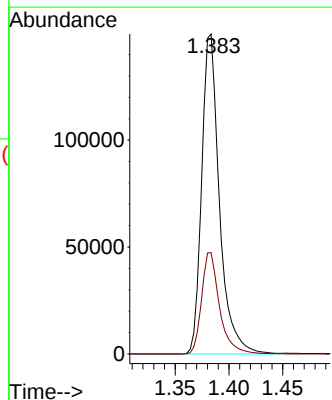
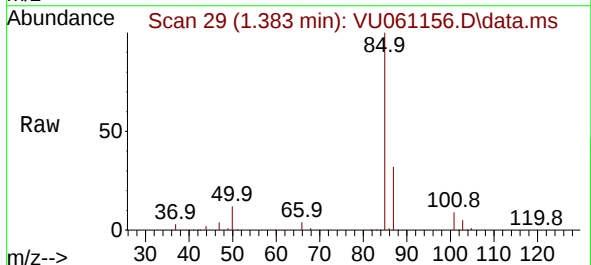
Ion	Ratio	Lower	Upper
96	100		
70	20.8	16.1	24.1
95	0.0	0.0	0.0
97	0.0	0.0	0.0

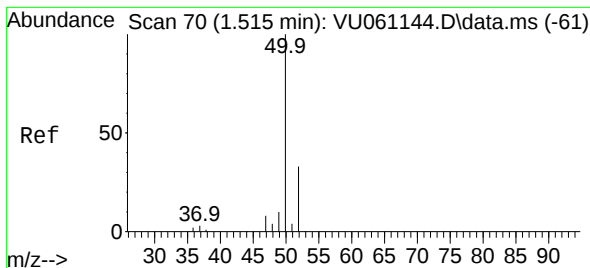


#2
Dichlorodifluoromethane
Concen: 11.034 ug/l
RT: 1.383 min Scan# 29
Delta R.T. -0.000 min
Lab File: VU061156.D
Acq: 18 Oct 2024 10:26

Tgt Ion: 85 Resp: 171727

Ion	Ratio	Lower	Upper
85	100		
87	31.7	16.3	48.9





#3

Chloromethane

Concen: 10.956 ug/l

RT: 1.515 min Scan# 70

Delta R.T. -0.000 min

Lab File: VU061156.D

Acq: 18 Oct 2024 10:26

Instrument :

MSVOA_U

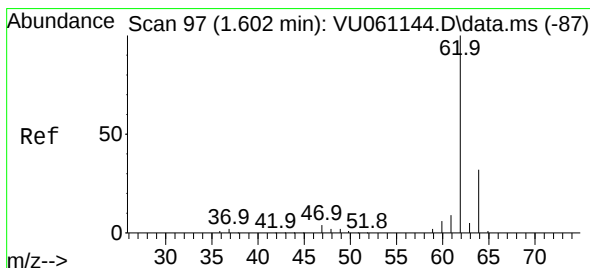
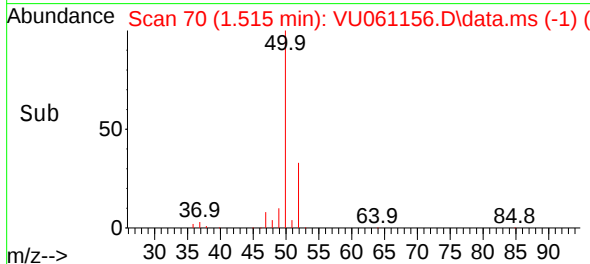
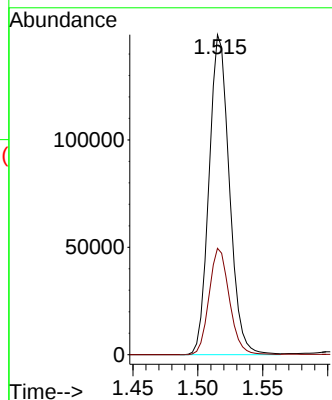
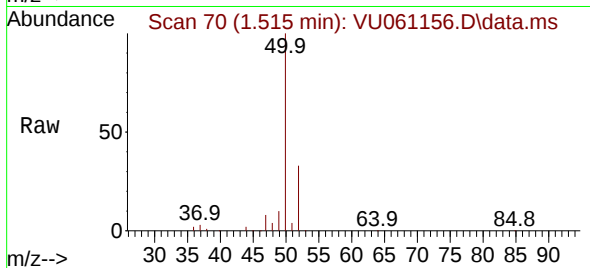
ClientSampleId :

Tgt Ion: 50 Resp: 162216

Ion Ratio Lower Upper

50 100

52 33.3 26.2 39.2



#4

Vinyl Chloride

Concen: 11.204 ug/l

RT: 1.599 min Scan# 96

Delta R.T. -0.003 min

Lab File: VU061156.D

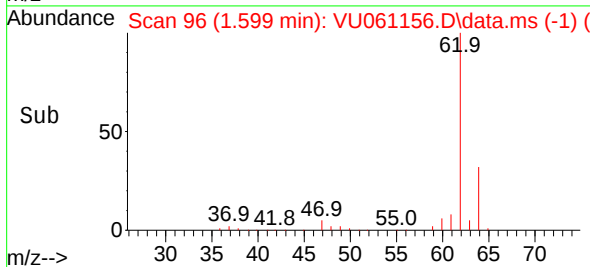
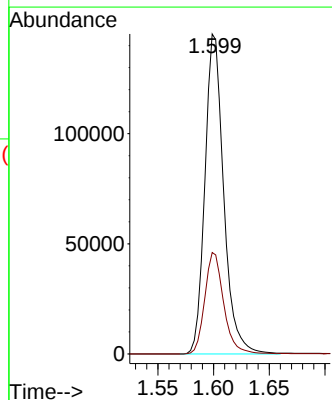
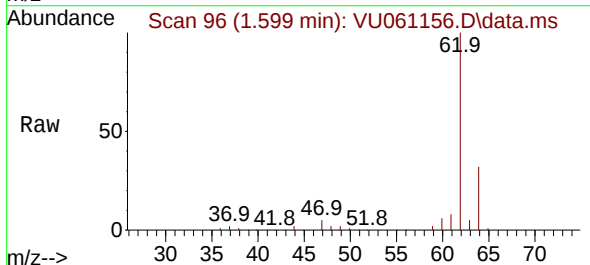
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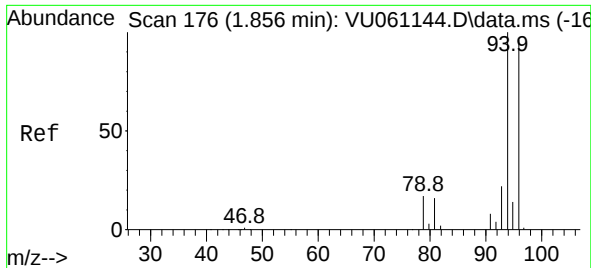
Tgt Ion: 62 Resp: 170376

Ion Ratio Lower Upper

62 100

64 31.7 25.9 38.9

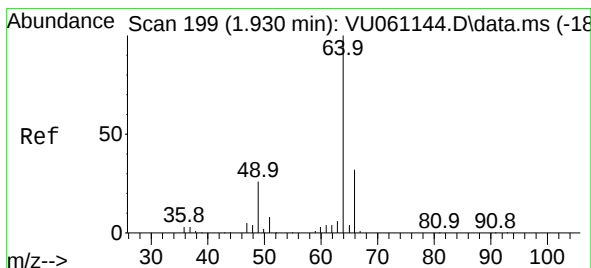
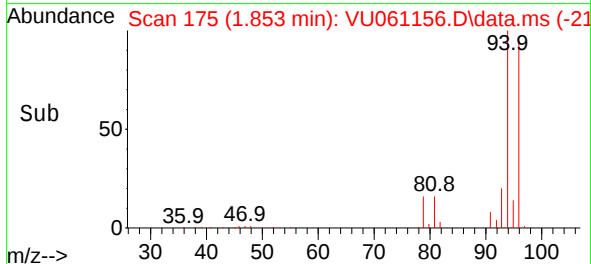
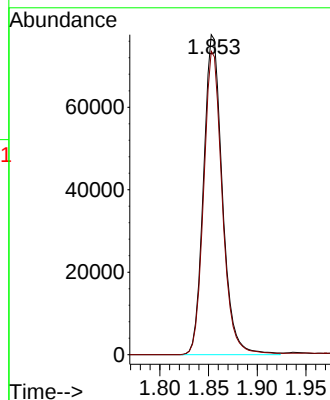
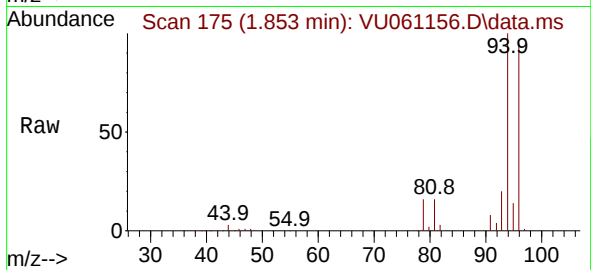




#5
Bromomethane
Concen: 10.921 ug/l
RT: 1.853 min Scan# 175
Delta R.T. -0.003 min
Lab File: VU061156.D
Acq: 18 Oct 2024 10:26

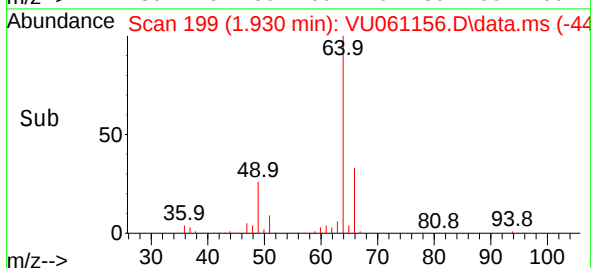
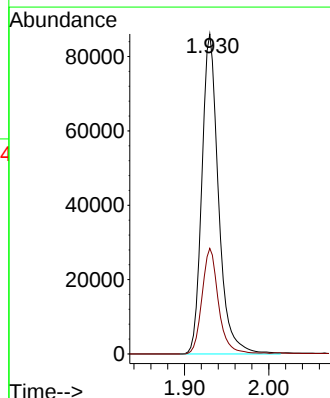
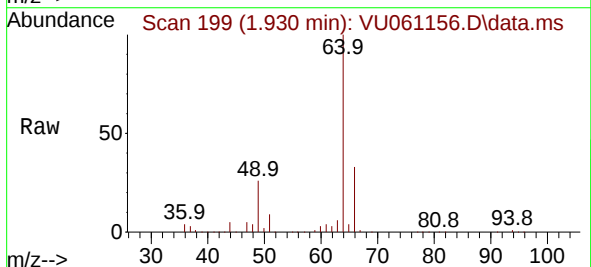
Instrument :
MSVOA_U
ClientSampleId :

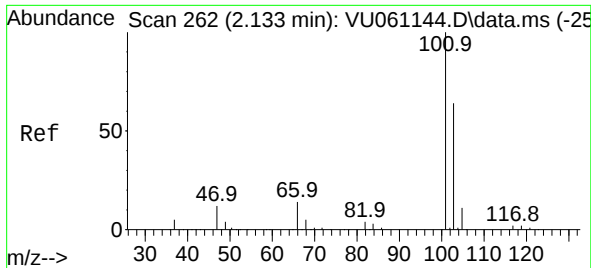
Tgt Ion: 94 Resp: 104352
Ion Ratio Lower Upper
94 100
96 94.8 76.5 114.7



#6
Chloroethane
Concen: 11.631 ug/l
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU061156.D
Acq: 18 Oct 2024 10:26

Tgt Ion: 64 Resp: 118524
Ion Ratio Lower Upper
64 100
66 33.0 25.8 38.8

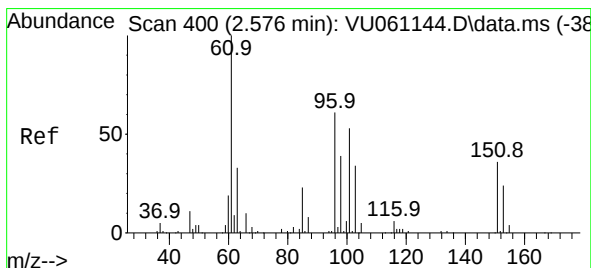
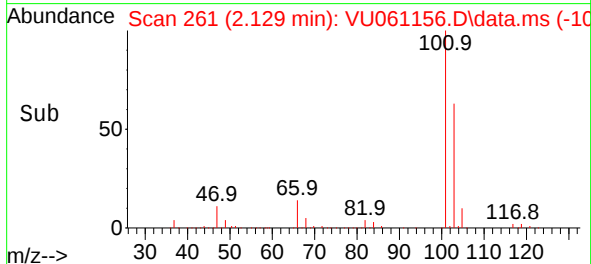
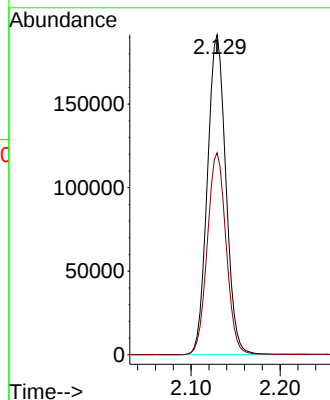
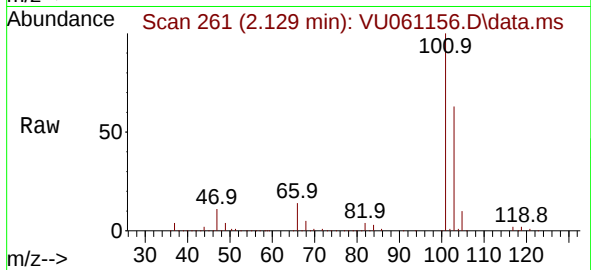




#7
 Trichlorofluoromethane
 Concen: 12.751 ug/l
 RT: 2.129 min Scan# 20
 Delta R.T. -0.003 min
 Lab File: VU061156.D
 Acq: 18 Oct 2024 10:26

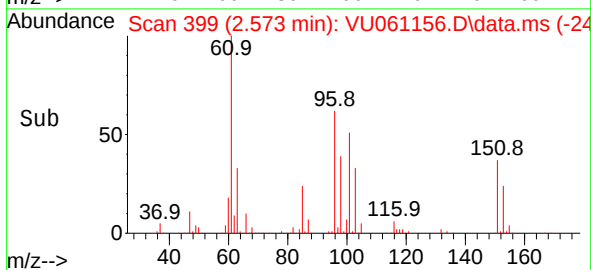
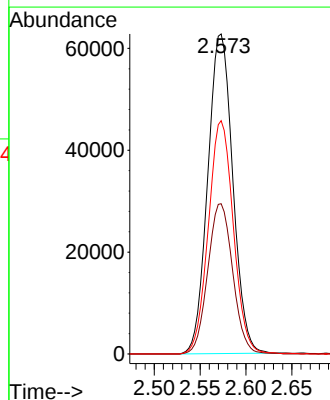
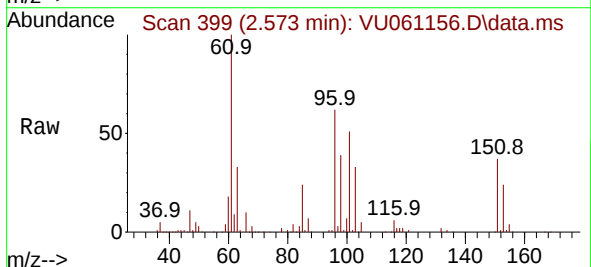
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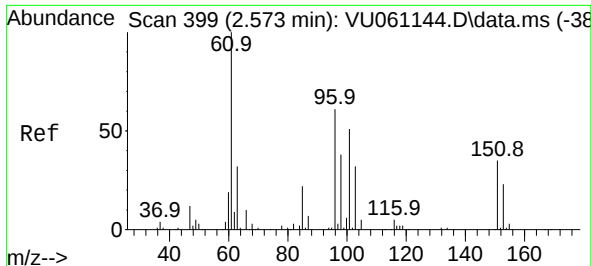
Tgt Ion:101 Resp: 275832
 Ion Ratio Lower Upper
 101 100
 103 63.1 51.5 77.3



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 11.075 ug/l
 RT: 2.573 min Scan# 399
 Delta R.T. -0.003 min
 Lab File: VU061156.D
 Acq: 18 Oct 2024 10:26

Tgt Ion:101 Resp: 119116
 Ion Ratio Lower Upper
 101 100
 85 46.8 35.8 53.8
 151 72.7 56.2 84.4

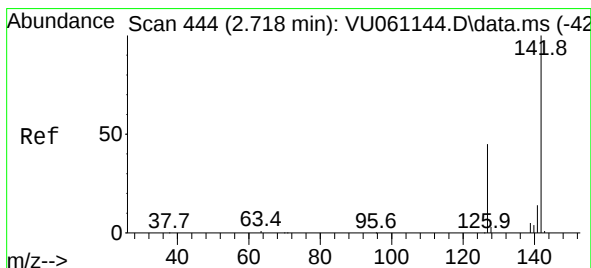
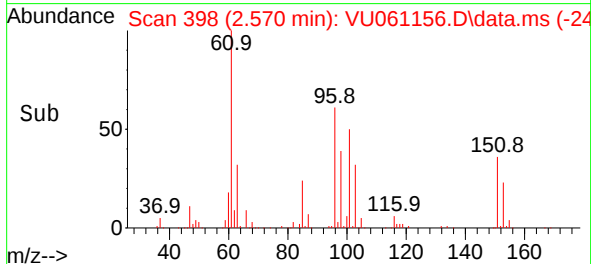
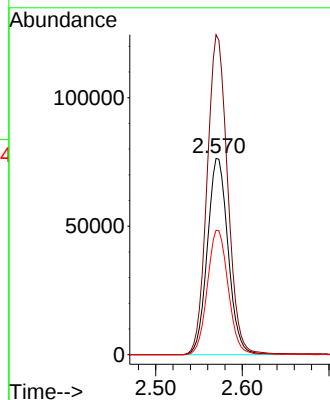
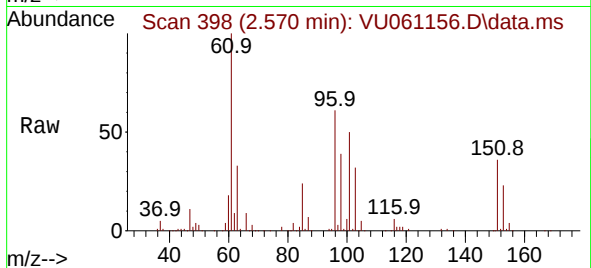




#9
1,1-Dichloroethene
Concen: 11.361 ug/l
RT: 2.570 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU061156.D
Acq: 18 Oct 2024 10:26

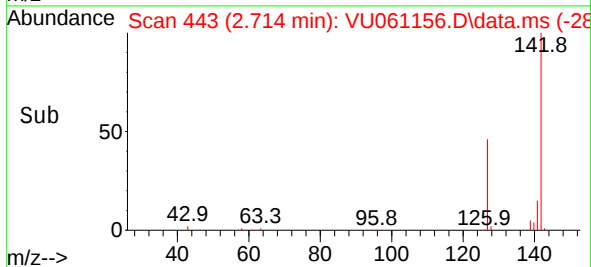
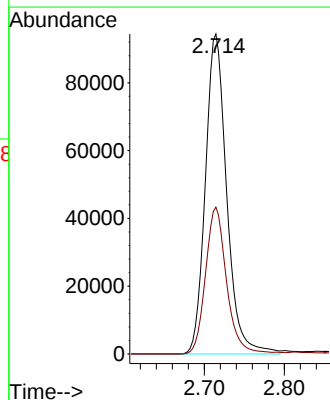
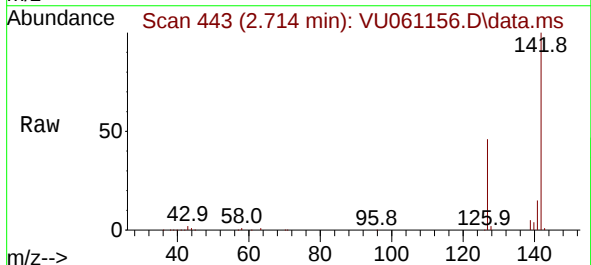
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ClientSampleId :

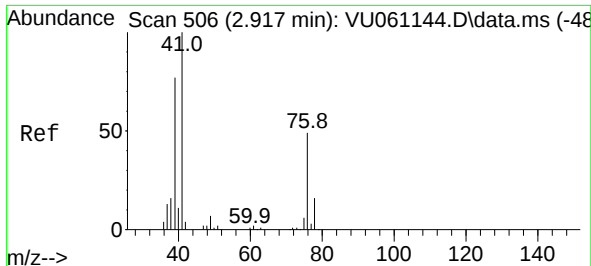
Tgt Ion: 96 Resp: 127380
Ion Ratio Lower Upper
96 100
61 162.9 0.0 494.4
98 63.4 0.0 124.4



#10
Iodomethane
Concen: 10.945 ug/l
RT: 2.714 min Scan# 443
Delta R.T. -0.003 min
Lab File: VU061156.D
Acq: 18 Oct 2024 10:26

Tgt Ion:142 Resp: 175268
Ion Ratio Lower Upper
142 100
127 45.4 36.2 54.4





#11

Allyl Chloride

Concen: 11.005 ug/l

RT: 2.914 min Scan# 506

Delta R.T. -0.003 min

Lab File: VU061156.D

Acq: 18 Oct 2024 10:26

Instrument :

MSVOA_U

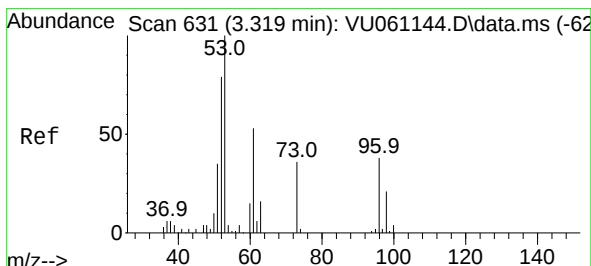
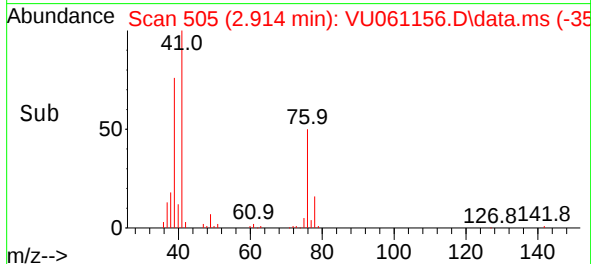
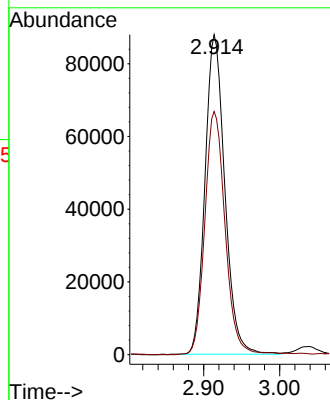
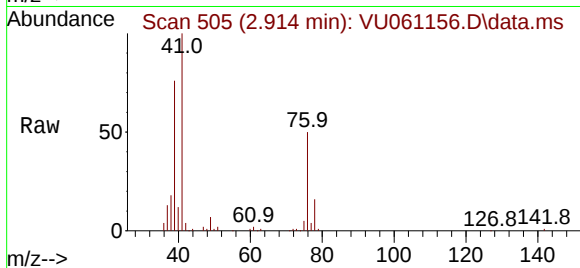
ClientSampleId :

Tgt Ion: 41 Resp: 158931

Ion Ratio Lower Upper

41 100

39 78.0 62.4 93.6



#12

Acrylonitrile

Concen: 22.621 ug/l

RT: 3.319 min Scan# 631

Delta R.T. -0.000 min

Lab File: VU061156.D

Acq: 18 Oct 2024 10:26

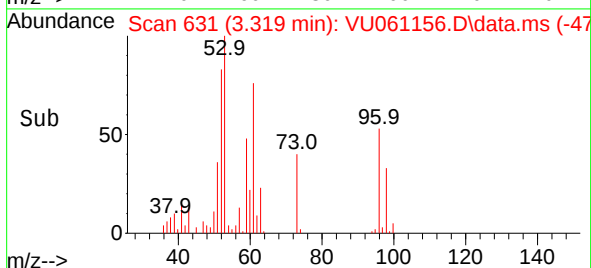
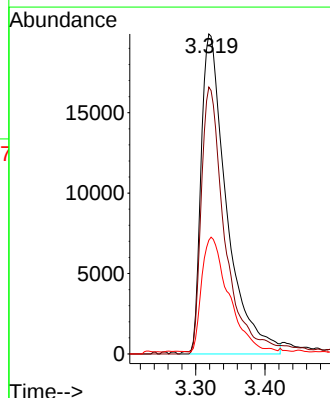
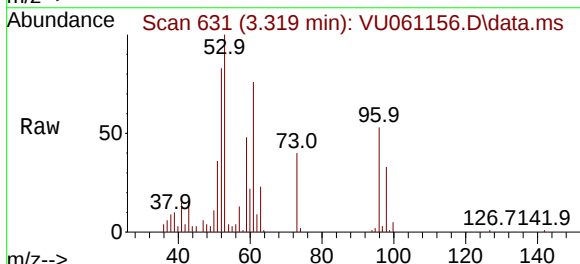
Tgt Ion: 53 Resp: 51006

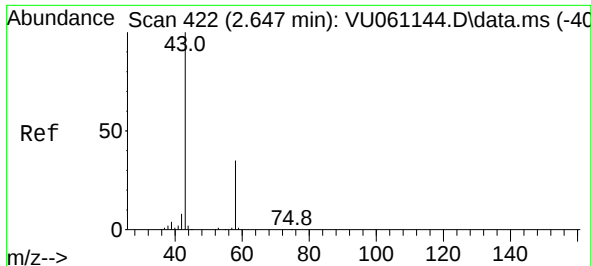
Ion Ratio Lower Upper

53 100

52 79.3 62.6 94.0

51 37.6 30.7 46.1





#13

Acetone

Concen: 54.555 ug/l

RT: 2.647 min Scan# 41

Delta R.T. -0.000 min

Lab File: VU061156.D

Acq: 18 Oct 2024 10:26

Instrument :

MSVOA_U

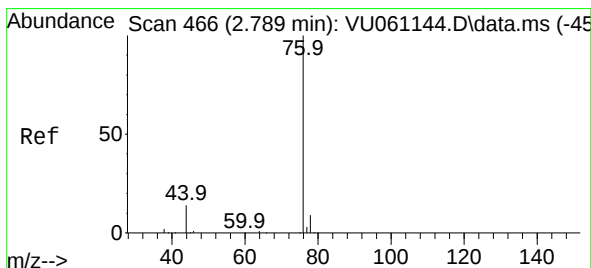
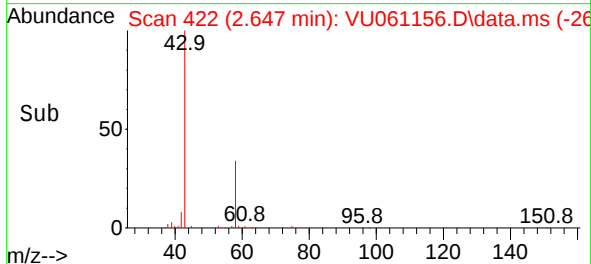
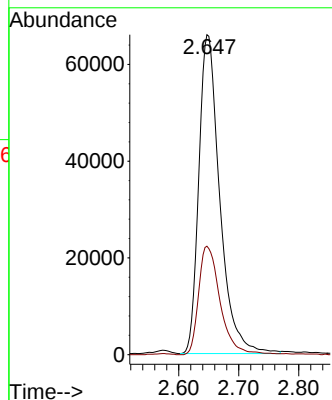
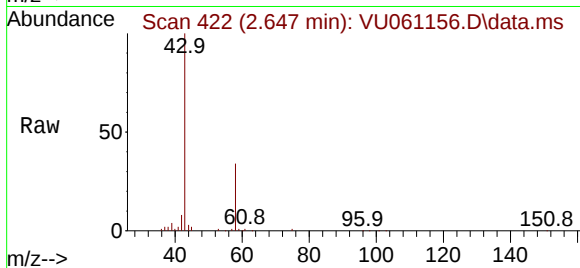
ClientSampleId :

Tgt Ion: 43 Resp: 160440

Ion Ratio Lower Upper

43 100

58 34.0 27.9 41.9



#14

Carbon Disulfide

Concen: 10.948 ug/l

RT: 2.785 min Scan# 465

Delta R.T. -0.003 min

Lab File: VU061156.D

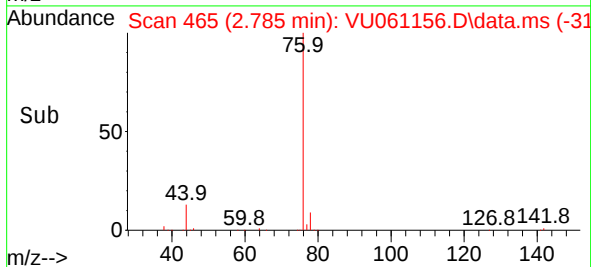
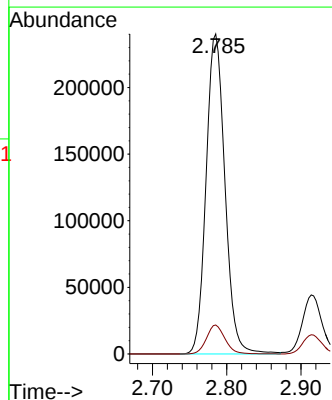
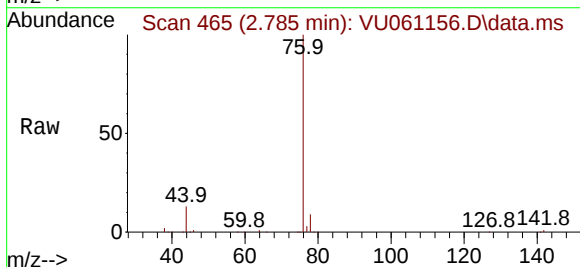
Acq: 18 Oct 2024 10:26

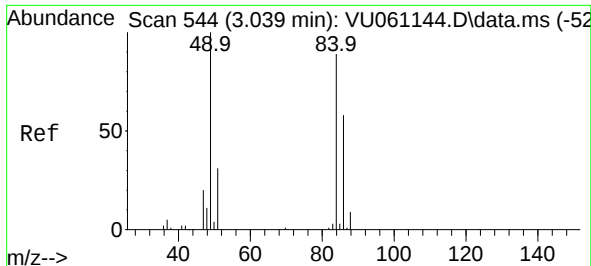
Tgt Ion: 76 Resp: 422911

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0





#15

Methylene Chloride

Concen: 9.922 ug/l

RT: 3.036 min Scan# 544

Delta R.T. -0.003 min

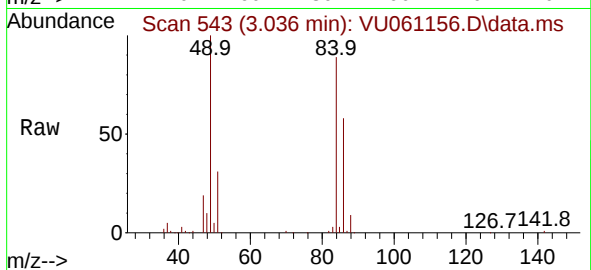
Lab File: VU061156.D

Acq: 18 Oct 2024 10:26

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 84 Resp: 143968

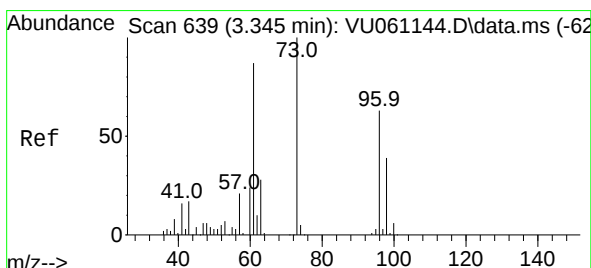
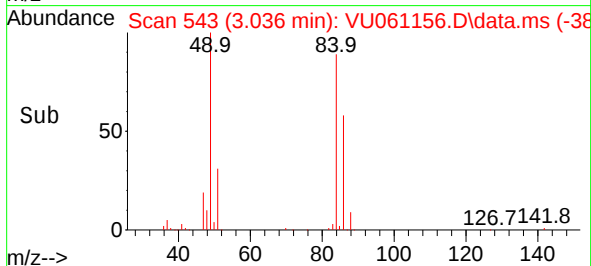
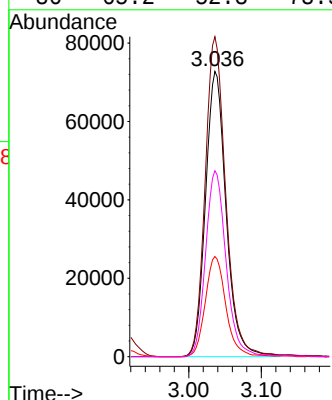
Ion Ratio Lower Upper

84 100

49 112.2 90.4 135.6

51 35.1 0.0 70.6

86 65.2 52.3 78.5



#16

trans-1,2-Dichloroethene

Concen: 10.992 ug/l

RT: 3.341 min Scan# 638

Delta R.T. -0.003 min

Lab File: VU061156.D

Acq: 18 Oct 2024 10:26

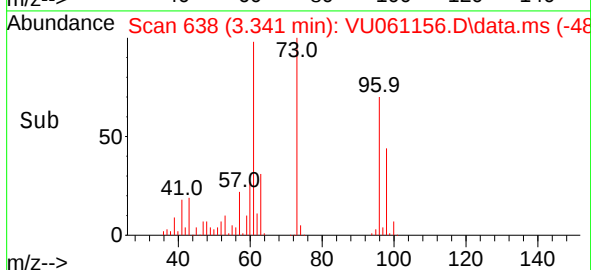
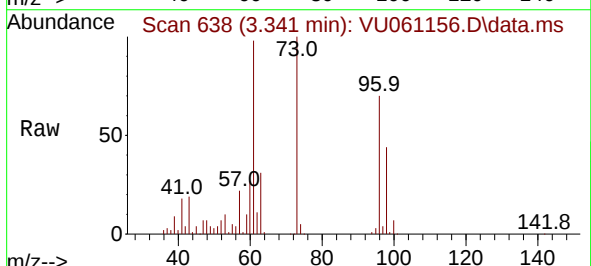
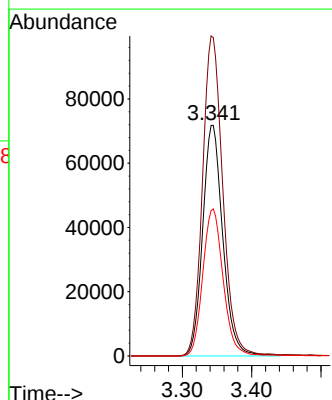
Tgt Ion: 96 Resp: 144520

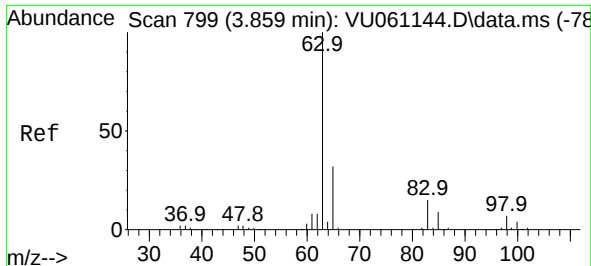
Ion Ratio Lower Upper

96 100

61 138.6 110.6 166.0

98 63.0 49.8 74.8



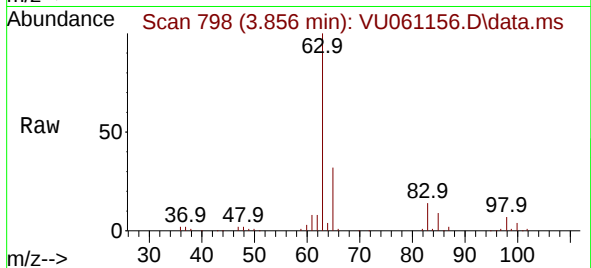


#17
 1,1-Dichloroethane
 Concen: 11.168 ug/l
 RT: 3.856 min Scan# 799
 Delta R.T. -0.003 min
 Lab File: VU061156.D
 Acq: 18 Oct 2024 10:26

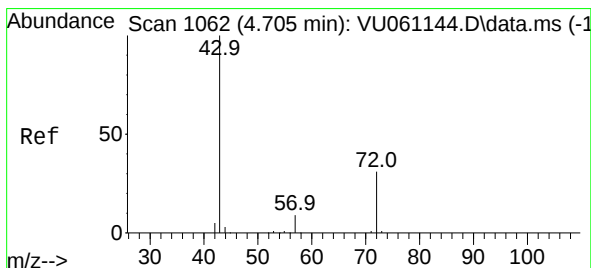
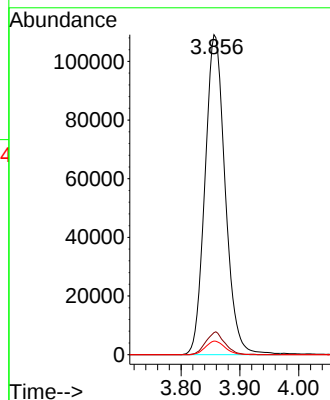
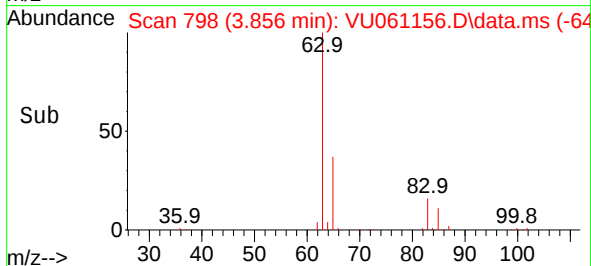
Instrument :

MSVOA_U

ClientSampleId :

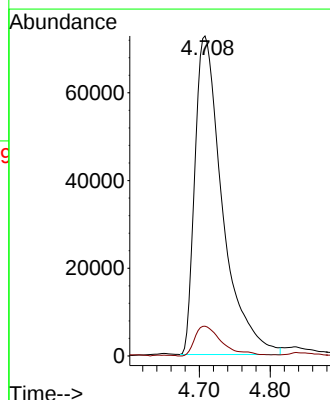
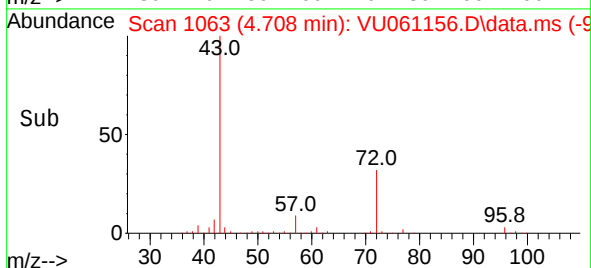
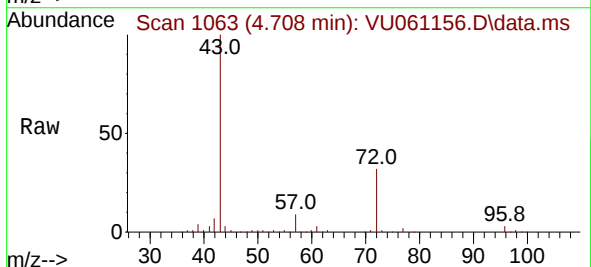


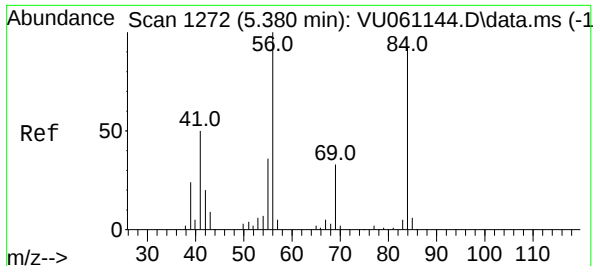
Tgt Ion: 63 Resp: 260346
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.3 9.8
 100 4.2 2.1 6.5



#18
 2-Butanone
 Concen: 54.387 ug/l
 RT: 4.708 min Scan# 1063
 Delta R.T. 0.003 min
 Lab File: VU061156.D
 Acq: 18 Oct 2024 10:26

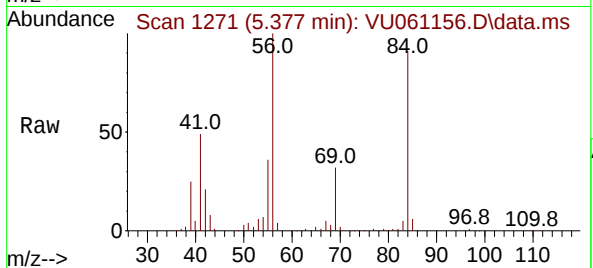
Tgt Ion: 43 Resp: 195840
 Ion Ratio Lower Upper
 43 100
 57 9.3 0.0 19.0



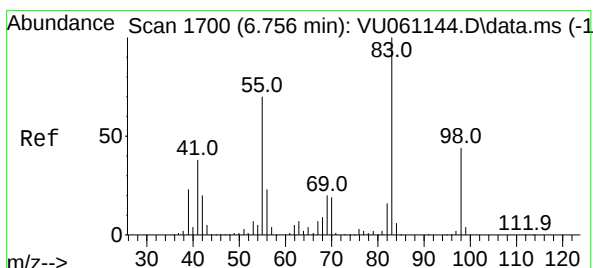
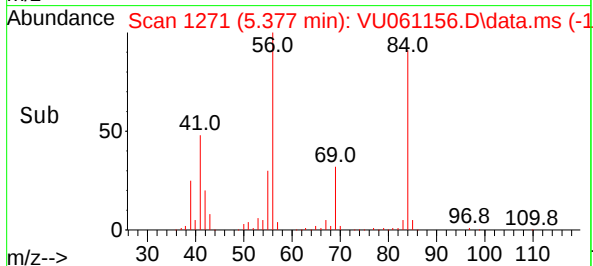
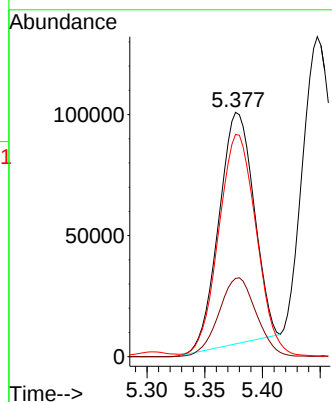


#19
Cyclohexane
Concen: 9.683 ug/l
RT: 5.377 min Scan# 1699
Delta R.T. -0.003 min
Lab File: VU061156.D
Acq: 18 Oct 2024 10:26

Instrument :
MSVOA_U
ClientSampleId :

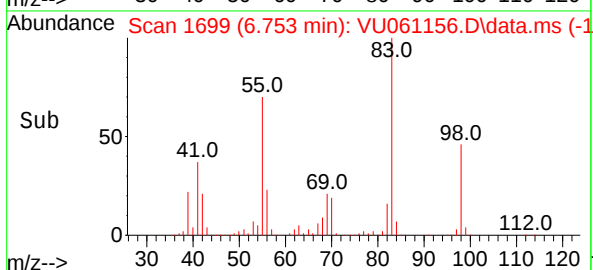
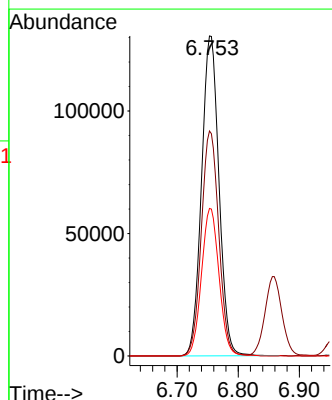
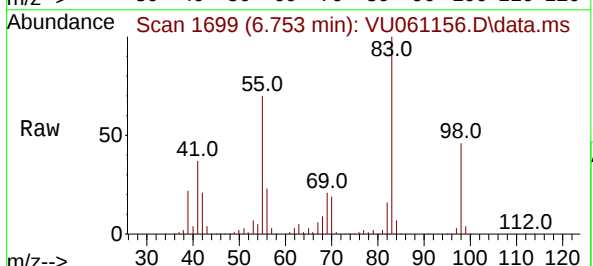


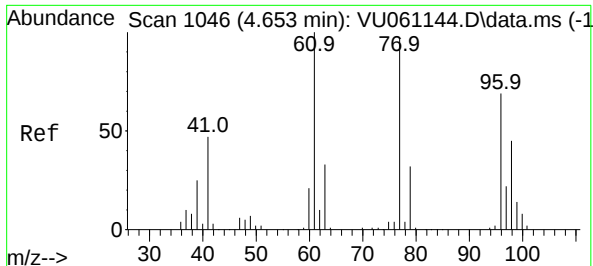
Tgt Ion:	56	Resp:	202204
Ion	Ratio	Lower	Upper
56	100		
69	36.4	26.2	39.4
84	101.8	72.7	109.1



#20
Methylcyclohexane
Concen: 11.104 ug/l
RT: 6.753 min Scan# 1699
Delta R.T. -0.003 min
Lab File: VU061156.D
Acq: 18 Oct 2024 10:26

Tgt Ion:	83	Resp:	258537
Ion	Ratio	Lower	Upper
83	100		
55	69.8	55.5	83.3
98	46.5	35.8	53.6

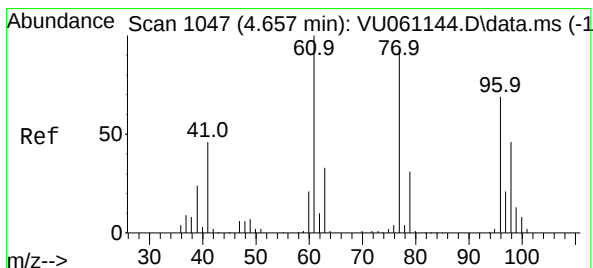
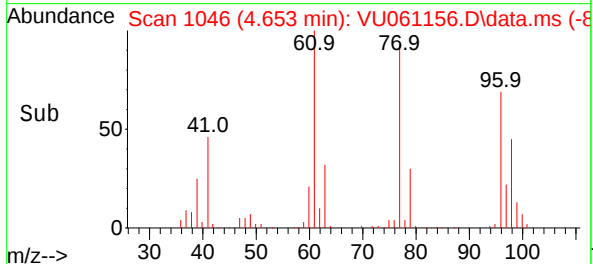
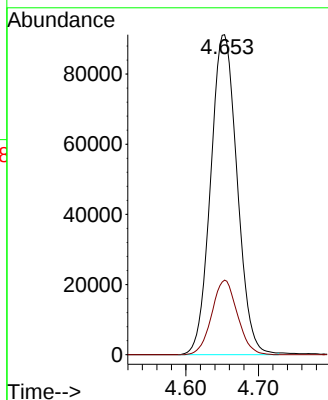
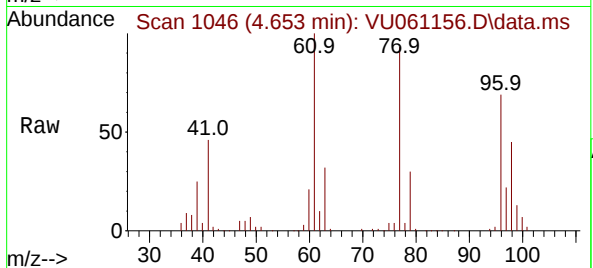




#21
2,2-Dichloropropane
Concen: 10.760 ug/l
RT: 4.653 min Scan# 1046
Delta R.T. -0.000 min
Lab File: VU061156.D
Acq: 18 Oct 2024 10:26

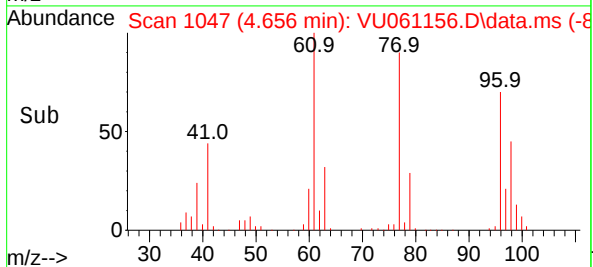
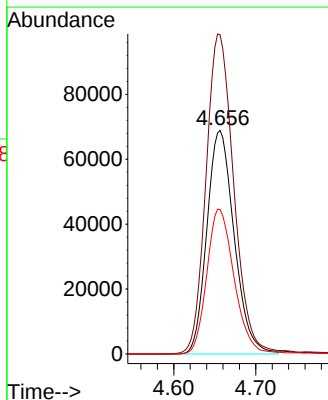
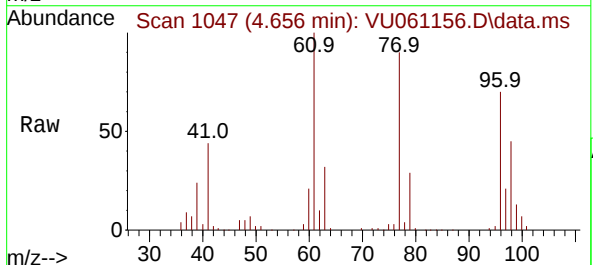
Instrument :
MSVOA_U
ClientSampleId :

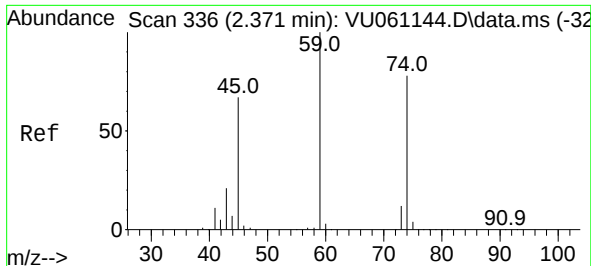
Tgt Ion: 77 Resp: 231401
Ion Ratio Lower Upper
77 100
97 22.6 18.3 27.5



#22
cis-1,2-Dichloroethene
Concen: 11.133 ug/l
RT: 4.656 min Scan# 1047
Delta R.T. -0.000 min
Lab File: VU061156.D
Acq: 18 Oct 2024 10:26

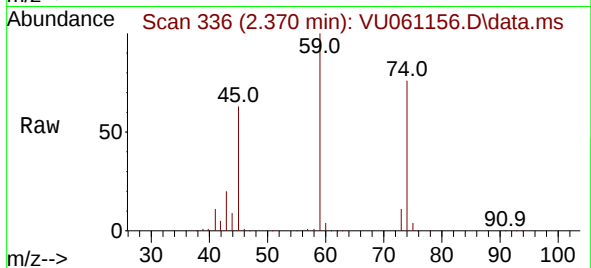
Tgt Ion: 96 Resp: 159471
Ion Ratio Lower Upper
96 100
61 145.8 0.0 364.8
98 64.8 32.1 96.3



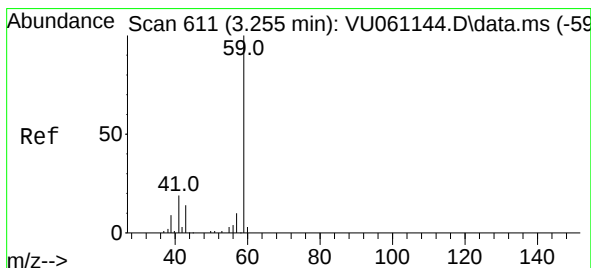
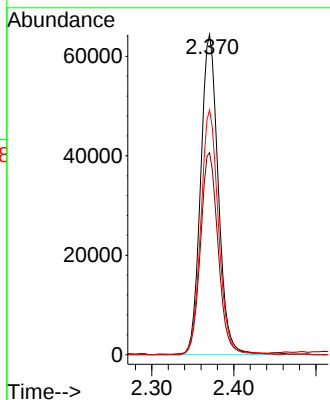
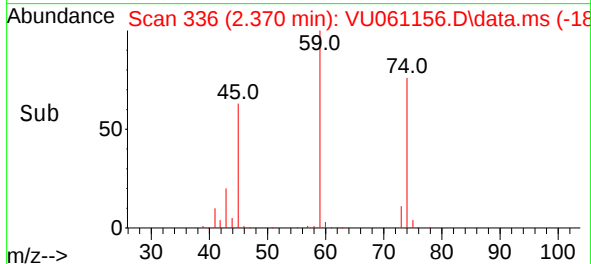


#23
Diethyl Ether
Concen: 10.964 ug/l
RT: 2.370 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU061156.D
Acq: 18 Oct 2024 10:26

Instrument :
MSVOA_U
ClientSampleId :

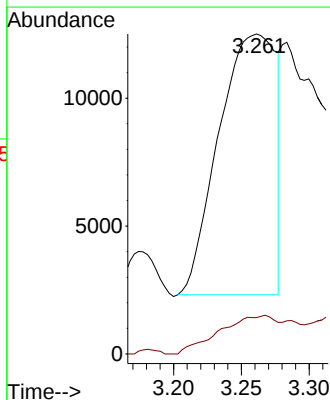
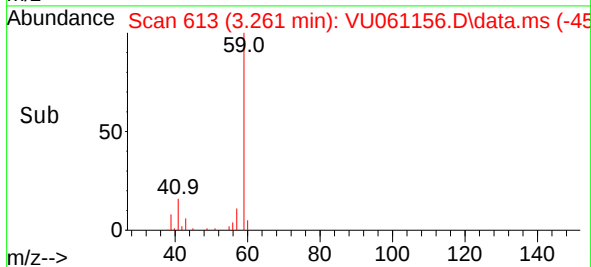
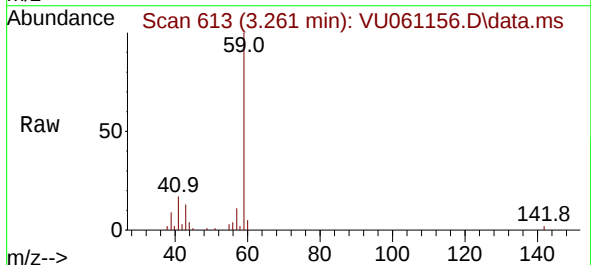


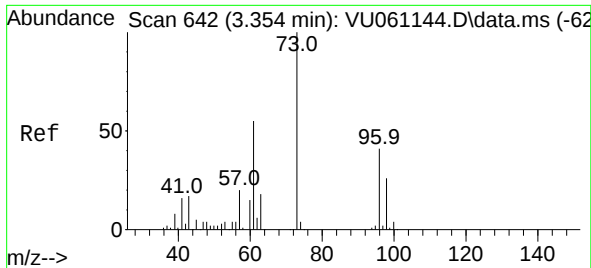
Tgt Ion: 59 Resp: 95517
Ion Ratio Lower Upper
59 100
45 63.4 52.0 78.0
74 76.9 62.2 93.2



#24
tert-Butyl Alcohol
Concen: 32.717 ug/l
RT: 3.261 min Scan# 613
Delta R.T. 0.006 min
Lab File: VU061156.D
Acq: 18 Oct 2024 10:26

Tgt Ion: 59 Resp: 29739
Ion Ratio Lower Upper
59 100
57 14.5 3.2 4.8#

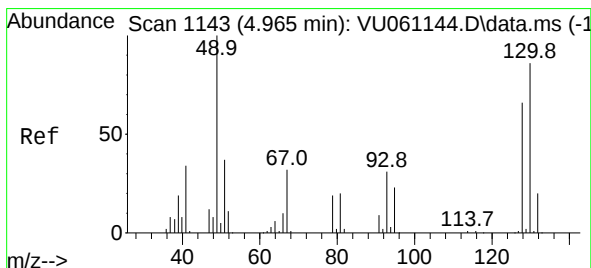
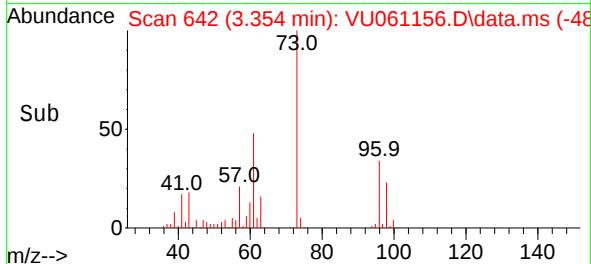
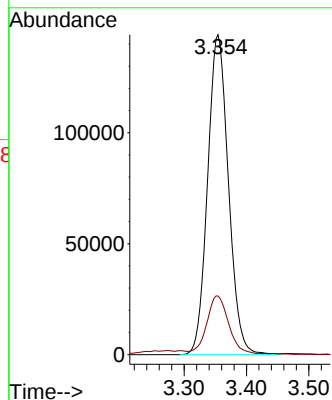
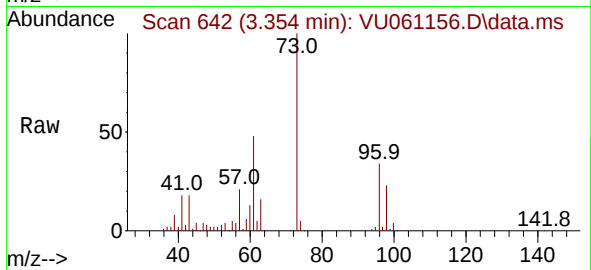




#25
Methyl tert-Butyl Ether
Concen: 11.147 ug/l
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU061156.D
Acq: 18 Oct 2024 10:26

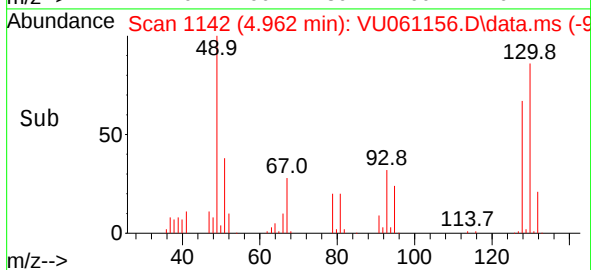
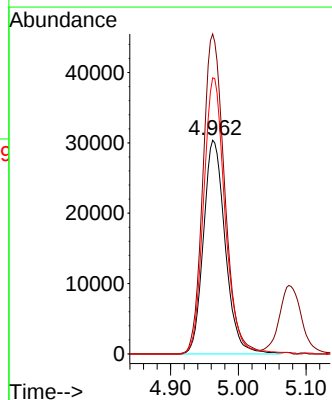
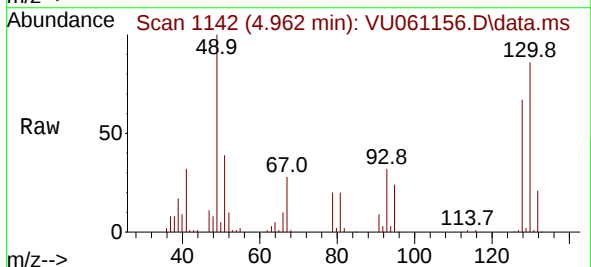
Instrument :
MSVOA_U
ClientSampleId :

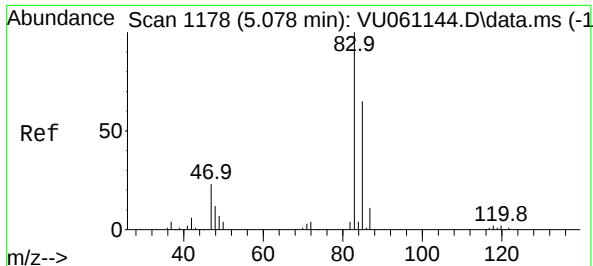
Tgt Ion: 73 Resp: 334794
Ion Ratio Lower Upper
73 100
43 18.7 14.7 22.1



#26
Bromochloromethane
Concen: 11.271 ug/l
RT: 4.962 min Scan# 1142
Delta R.T. -0.003 min
Lab File: VU061156.D
Acq: 18 Oct 2024 10:26

Tgt Ion: 128 Resp: 67512
Ion Ratio Lower Upper
128 100
49 149.0 0.0 308.8
130 128.5 105.3 157.9

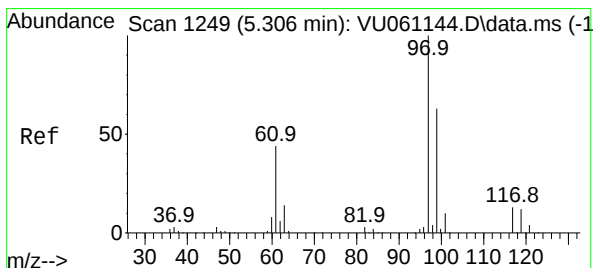
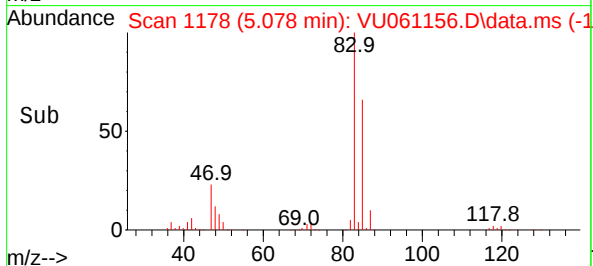
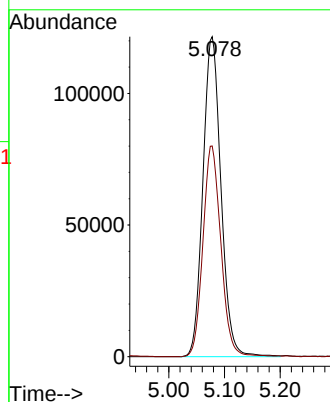
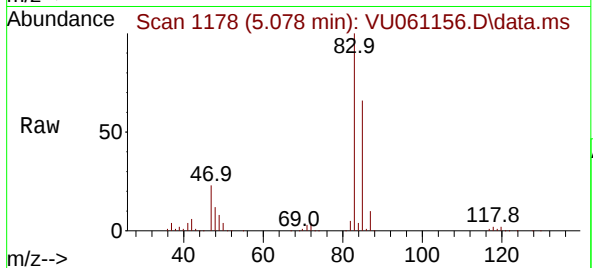




#27
Chloroform
Concen: 11.213 ug/l
RT: 5.078 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VU061156.D
Acq: 18 Oct 2024 10:26

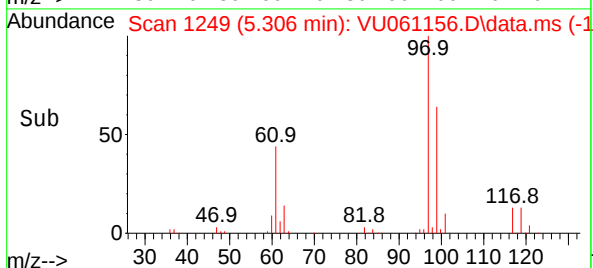
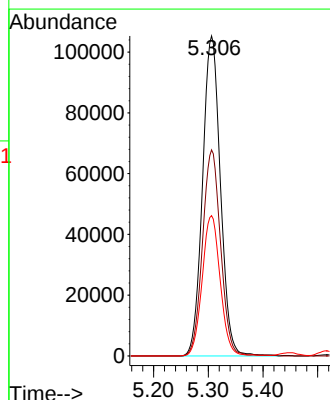
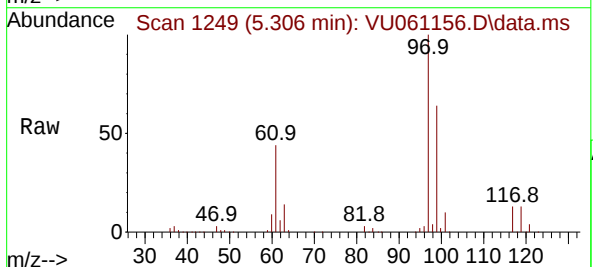
Instrument :
MSVOA_U
ClientSampleId :

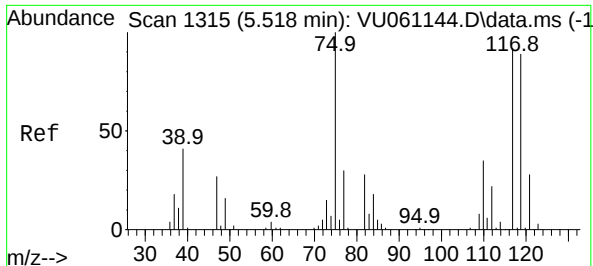
Tgt Ion: 83 Resp: 274129
Ion Ratio Lower Upper
83 100
85 65.9 0.0 129.6



#28
1,1,1-Trichloroethane
Concen: 11.104 ug/l
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU061156.D
Acq: 18 Oct 2024 10:26

Tgt Ion: 97 Resp: 239323
Ion Ratio Lower Upper
97 100
99 64.8 31.9 95.5
61 44.1 22.1 66.1

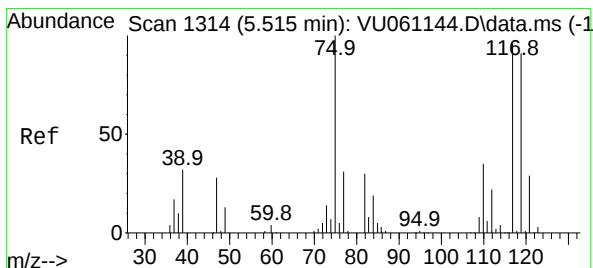
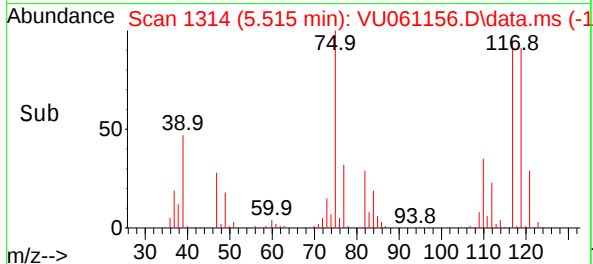
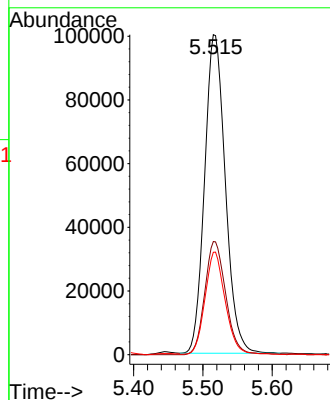
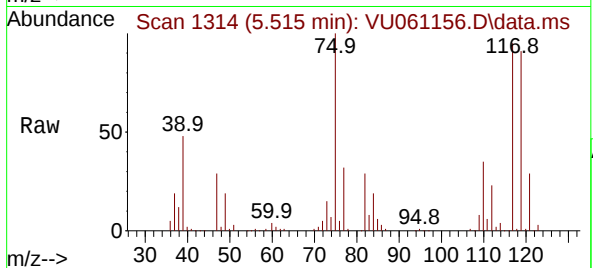




#29
1,1-Dichloropropene
Concen: 10.922 ug/l
RT: 5.515 min Scan# 1315
Delta R.T. -0.003 min
Lab File: VU061156.D
Acq: 18 Oct 2024 10:26

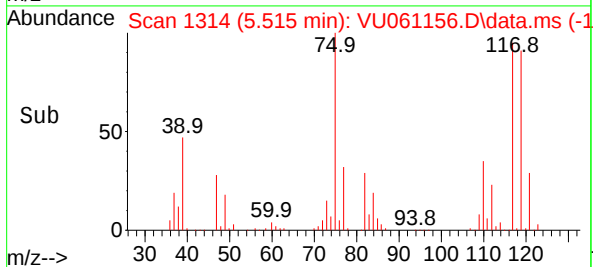
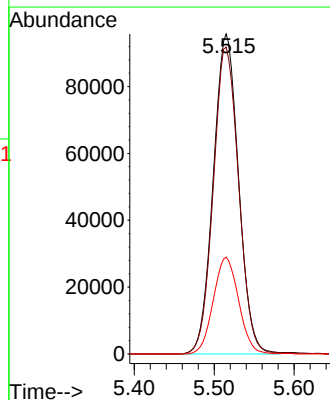
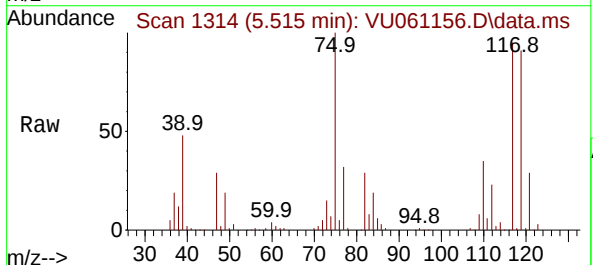
Instrument :
MSVOA_U
ClientSampleId :

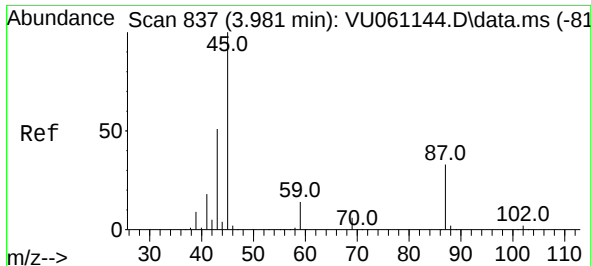
Tgt Ion: 75 Resp: 208099
Ion Ratio Lower Upper
75 100
110 35.7 17.8 53.3
77 31.0 24.6 37.0



#30
Carbon Tetrachloride
Concen: 11.221 ug/l
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU061156.D
Acq: 18 Oct 2024 10:26

Tgt Ion:117 Resp: 209834
Ion Ratio Lower Upper
117 100
119 95.9 76.4 114.6
121 30.3 24.1 36.1

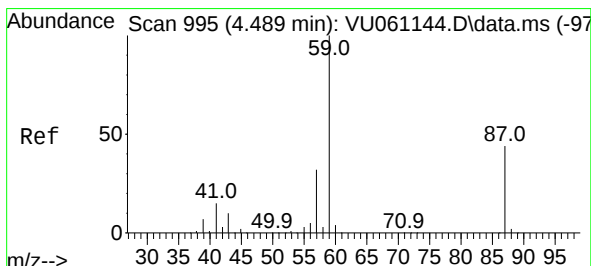
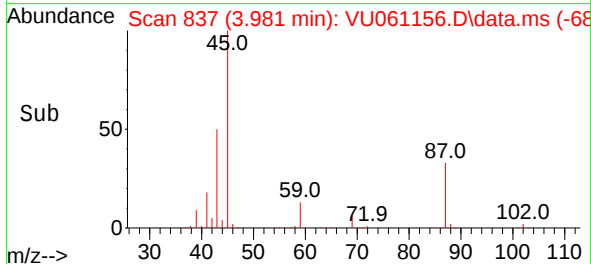
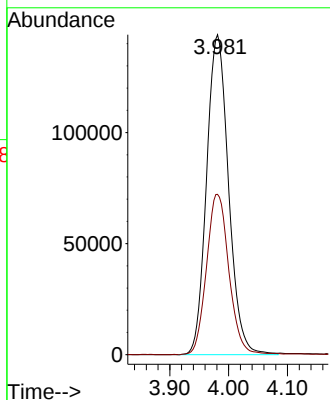
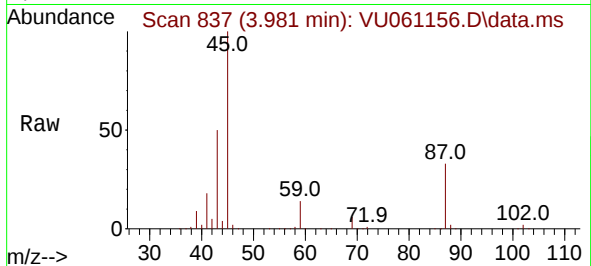




#31
Isopropyl Ether
Concen: 11.249 ug/l
RT: 3.981 min Scan# 837
Delta R.T. -0.000 min
Lab File: VU061156.D
Acq: 18 Oct 2024 10:26

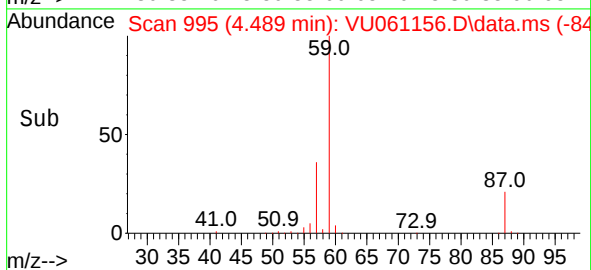
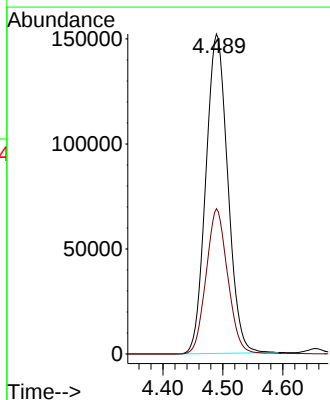
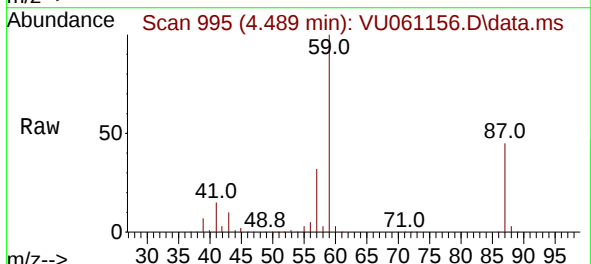
Instrument :
MSVOA_U
ClientSampleId :

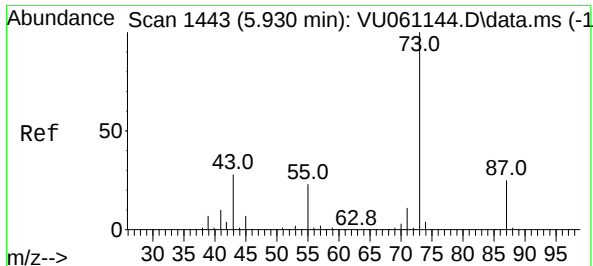
Tgt Ion: 45 Resp: 374132
Ion Ratio Lower Upper
45 100
43 51.0 25.7 77.0



#32
Ethyl-t-butyl ether
Concen: 11.302 ug/l
RT: 4.489 min Scan# 995
Delta R.T. -0.000 min
Lab File: VU061156.D
Acq: 18 Oct 2024 10:26

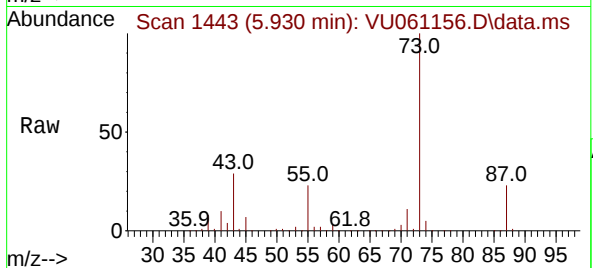
Tgt Ion: 59 Resp: 386479
Ion Ratio Lower Upper
59 100
87 44.3 34.7 52.1



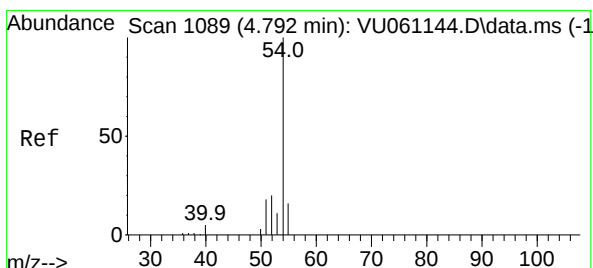
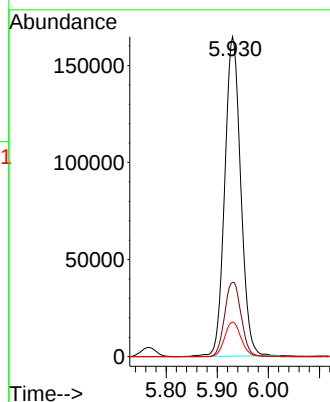
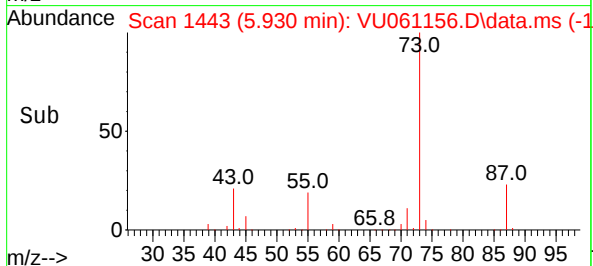


#33
Tert-Amyl methyl ether
Concen: 11.598 ug/l
RT: 5.930 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VU061156.D
Acq: 18 Oct 2024 10:26

Instrument :
MSVOA_U
ClientSampleId :

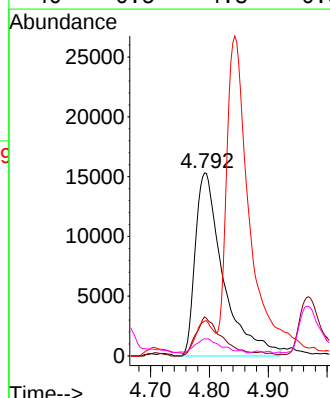
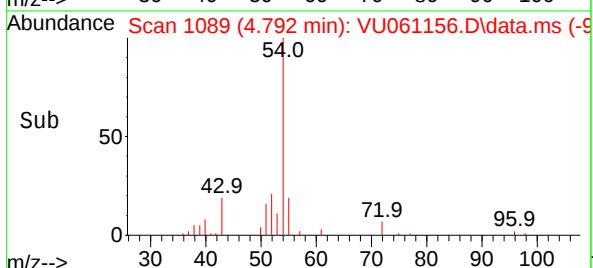
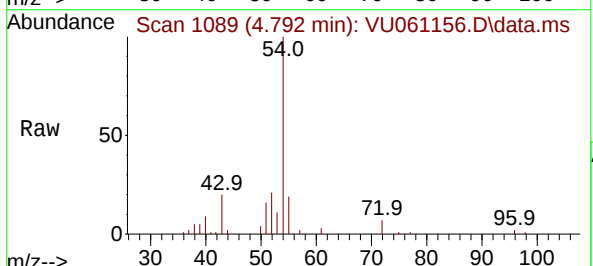


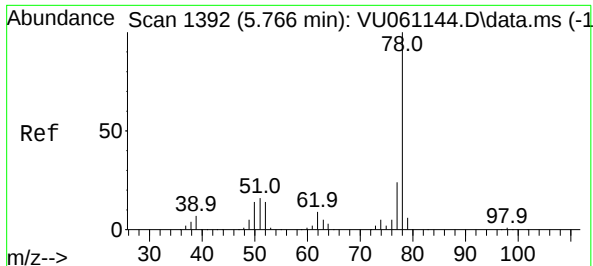
Tgt Ion: 73 Resp: 356976
Ion Ratio Lower Upper
73 100
87 24.3 19.8 29.8
71 11.4 8.6 12.8



#34
Propionitrile
Concen: 58.579 ug/l
RT: 4.792 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VU061156.D
Acq: 18 Oct 2024 10:26

Tgt Ion: 54 Resp: 50323
Ion Ratio Lower Upper
54 100
52 20.0 15.3 22.9
55 11.0 9.7 14.5
40 6.5 4.3 6.5#

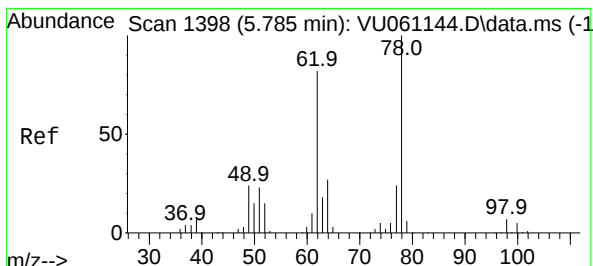
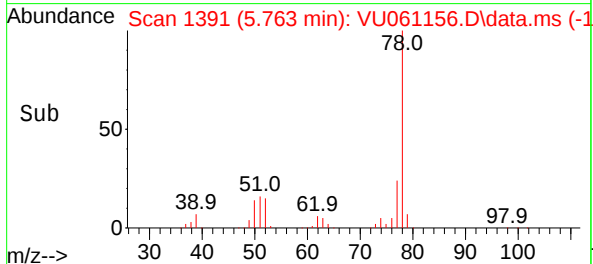
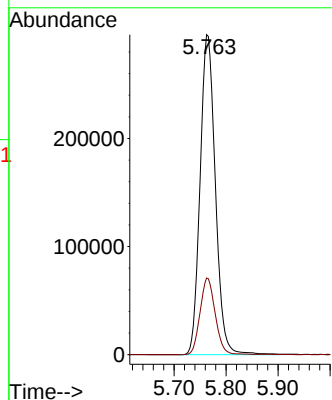
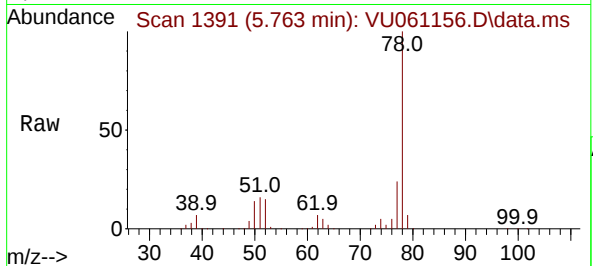




#35
Benzene
Concen: 11.274 ug/l
RT: 5.763 min Scan# 1391
Delta R.T. -0.003 min
Lab File: VU061156.D
Acq: 18 Oct 2024 10:26

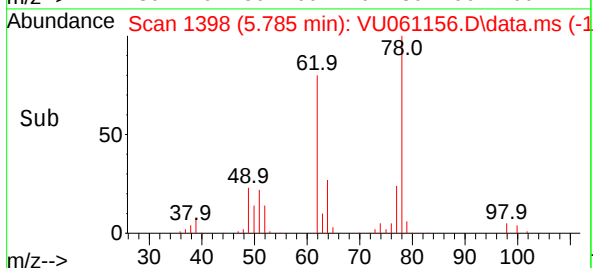
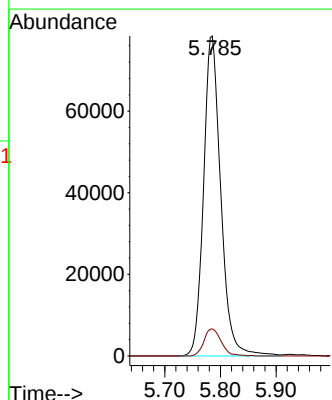
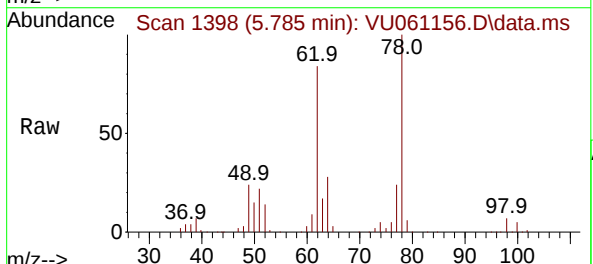
Instrument :
MSVOA_U
ClientSampleId :

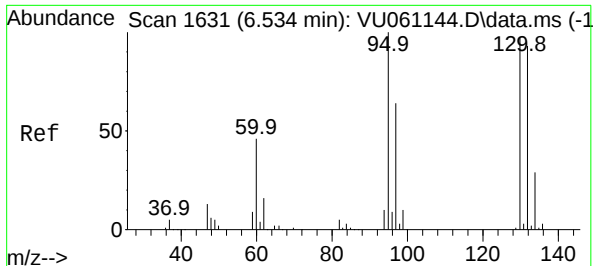
Tgt Ion: 78 Resp: 604699
Ion Ratio Lower Upper
78 100
77 24.0 19.4 29.0



#36
1,2-Dichloroethane
Concen: 11.124 ug/l
RT: 5.785 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VU061156.D
Acq: 18 Oct 2024 10:26

Tgt Ion: 62 Resp: 168469
Ion Ratio Lower Upper
62 100
98 8.5 7.0 10.4





#37

Trichloroethene

Concen: 11.033 ug/l

RT: 6.534 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU061156.D

Acq: 18 Oct 2024 10:26

Instrument :

MSVOA_U

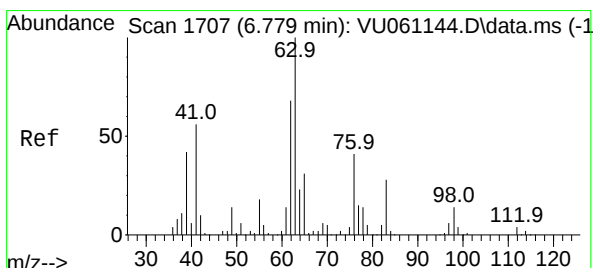
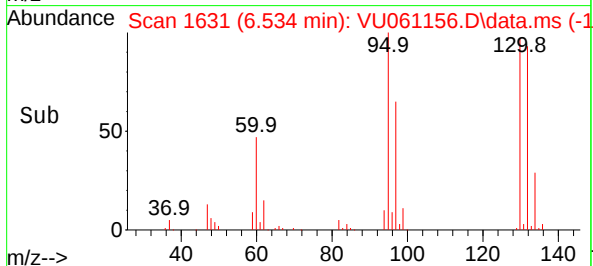
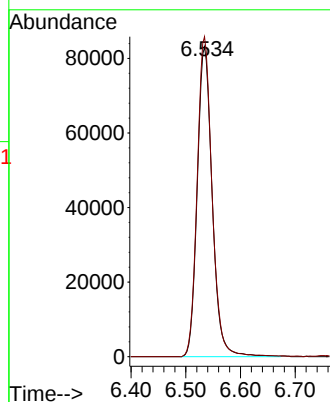
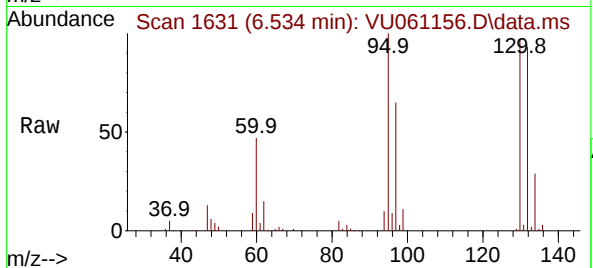
ClientSampleId :

Tgt Ion:130 Resp: 157959

Ion Ratio Lower Upper

130 100

95 103.2 82.6 123.8



#38

1,2-Dichloropropane

Concen: 11.242 ug/l

RT: 6.782 min Scan# 1708

Delta R.T. 0.003 min

Lab File: VU061156.D

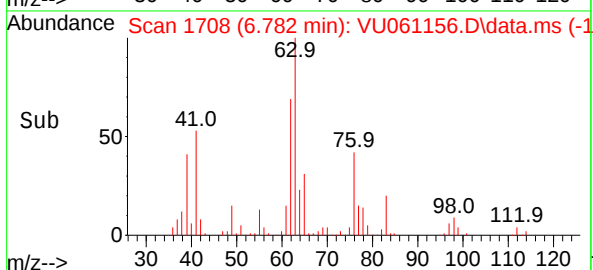
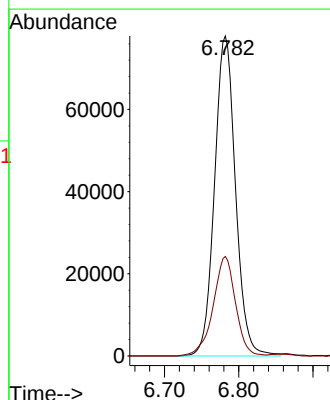
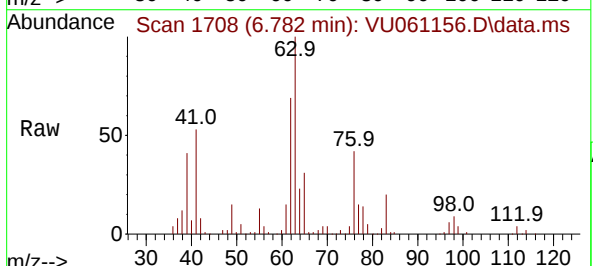
Acq: 18 Oct 2024 10:26

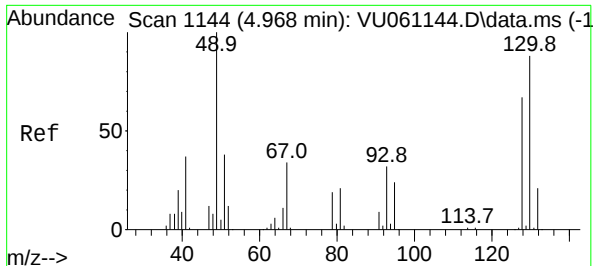
Tgt Ion: 63 Resp: 152731

Ion Ratio Lower Upper

63 100

65 30.9 25.0 37.6





#39

Methacrylonitrile

Concen: 11.857 ug/l

RT: 4.968 min Scan# 1144

Delta R.T. -0.000 min

Lab File: VU061156.D

Acq: 18 Oct 2024 10:26

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 41 Resp: 36684

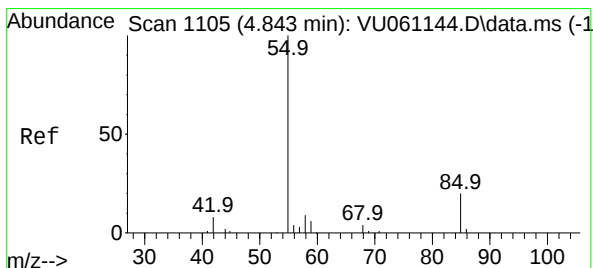
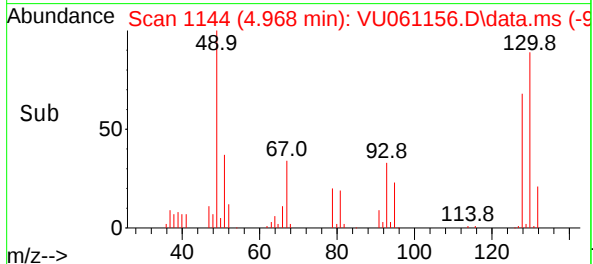
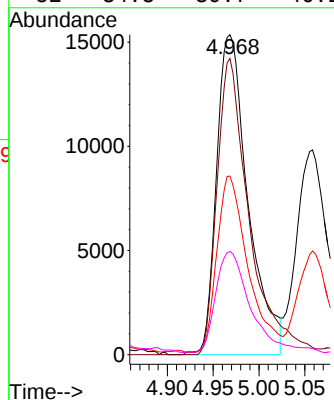
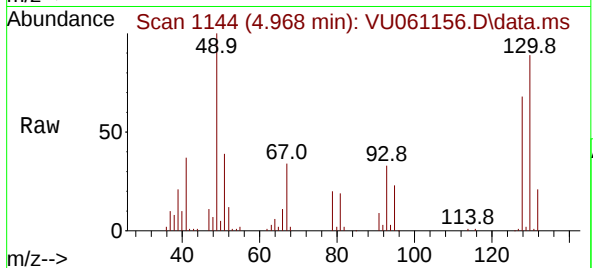
Ion Ratio Lower Upper

41 100

67 94.7 78.1 117.1

39 54.4 44.6 67.0

52 34.8 30.7 46.1



#40

Methyl acrylate

Concen: 11.093 ug/l

RT: 4.843 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VU061156.D

Acq: 18 Oct 2024 10:26

Tgt Ion: 55 Resp: 69596

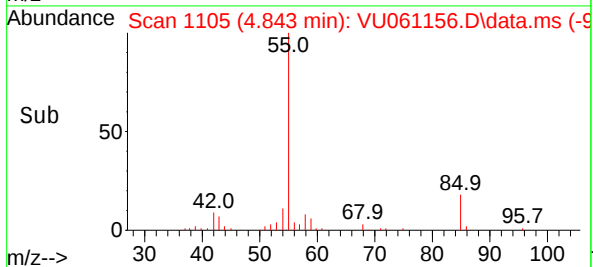
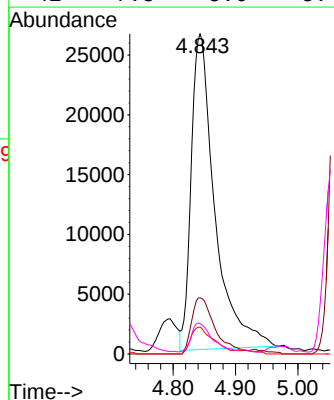
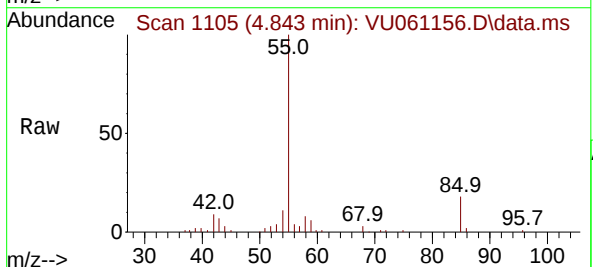
Ion Ratio Lower Upper

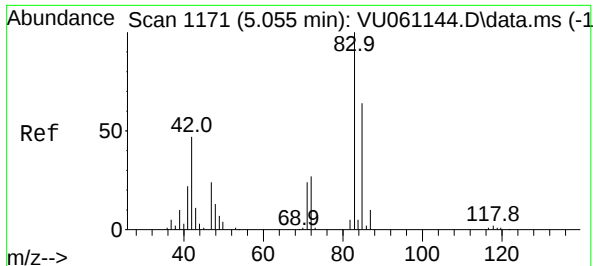
55 100

85 17.5 14.1 21.1

58 8.1 6.9 10.3

42 7.8 5.6 8.4

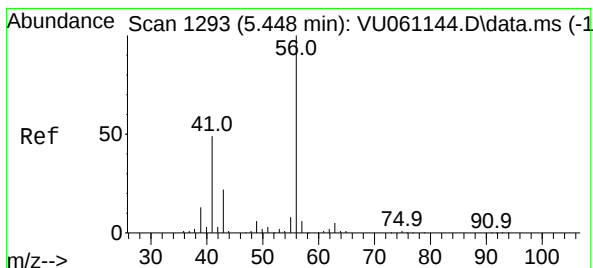
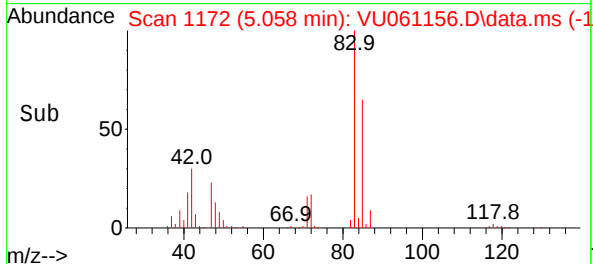
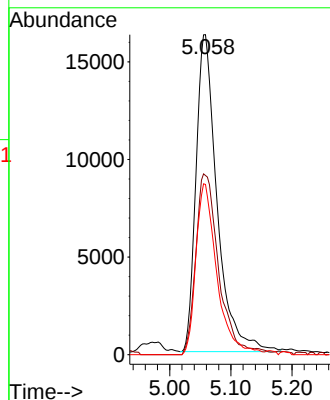
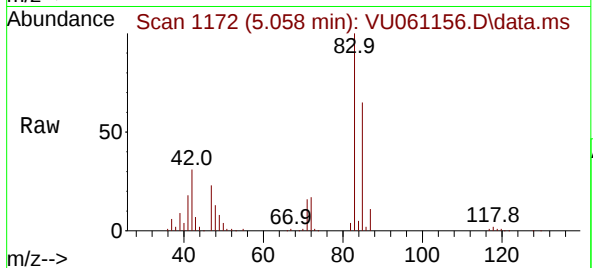




#41
Tetrahydrofuran
Concen: 21.008 ug/l
RT: 5.058 min Scan# 1171
Delta R.T. 0.003 min
Lab File: VU061156.D
Acq: 18 Oct 2024 10:26

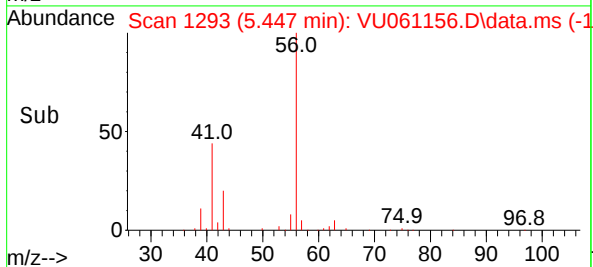
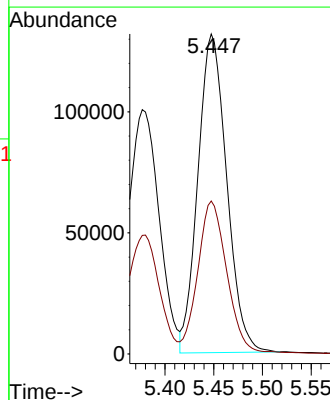
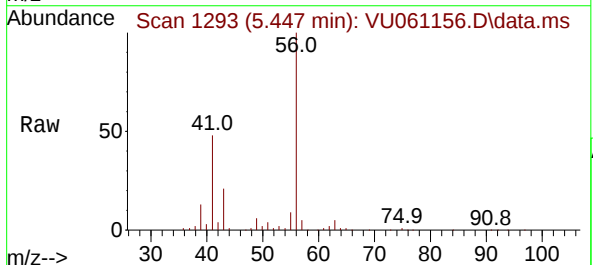
Instrument :
MSVOA_U
ClientSampleId :

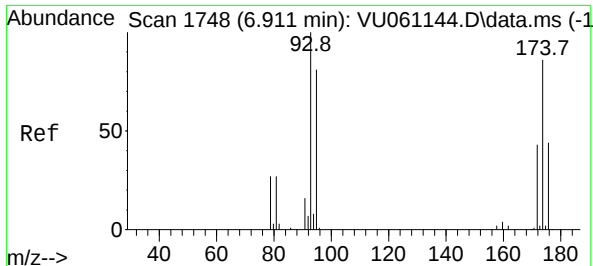
Tgt Ion: 42 Resp: 39036
Ion Ratio Lower Upper
42 100
72 62.1 47.8 71.8
71 53.5 41.5 62.3



#42
1-Chlorobutane
Concen: 11.045 ug/l
RT: 5.447 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VU061156.D
Acq: 18 Oct 2024 10:26

Tgt Ion: 56 Resp: 269923
Ion Ratio Lower Upper
56 100
41 48.3 23.9 71.7





#43

Dibromomethane

Concen: 11.012 ug/l

RT: 6.910 min Scan# 1

Delta R.T. -0.000 min

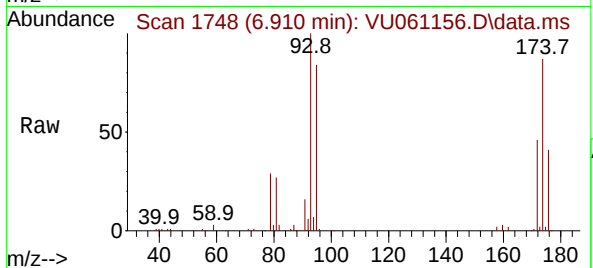
Lab File: VU061156.D

Acq: 18 Oct 2024 10:26

Instrument :

MSVOA_U

ClientSampleId :



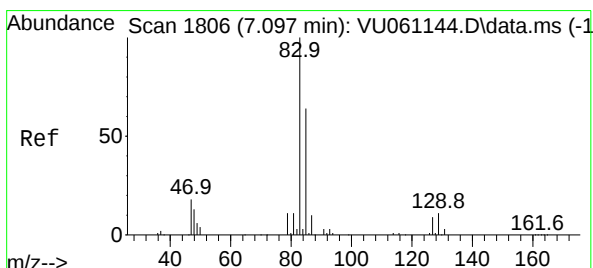
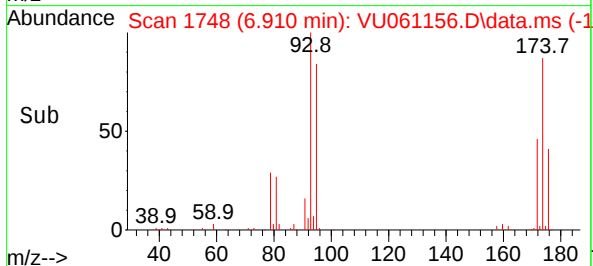
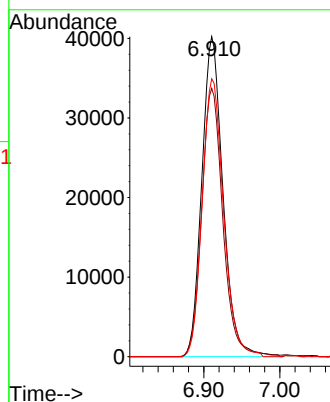
Tgt Ion: 93 Resp: 77576

Ion Ratio Lower Upper

93 100

95 84.3 67.5 101.3

174 87.9 71.2 106.8



#44

Bromodichloromethane

Concen: 11.265 ug/l

RT: 7.097 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VU061156.D

Acq: 18 Oct 2024 10:26

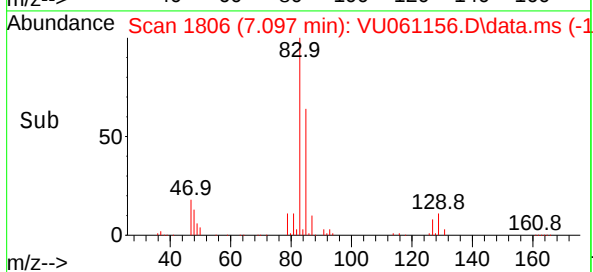
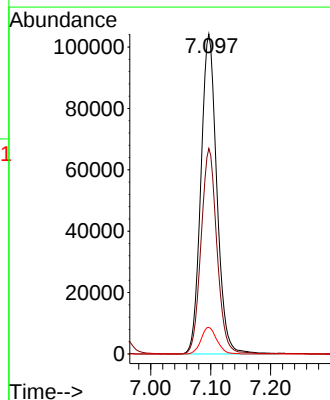
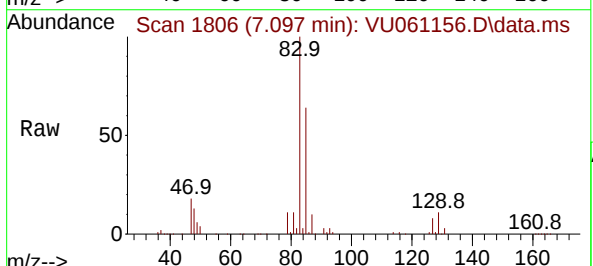
Tgt Ion: 83 Resp: 192965

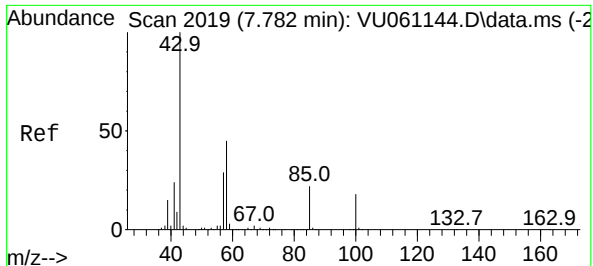
Ion Ratio Lower Upper

83 100

85 64.2 51.4 77.2

127 8.3 7.4 11.2

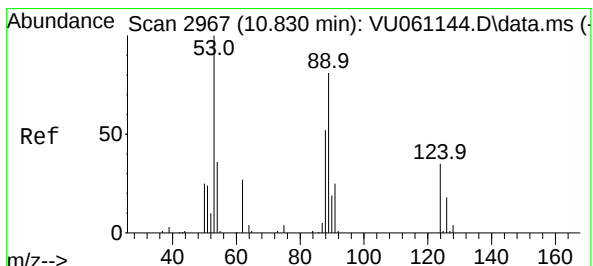
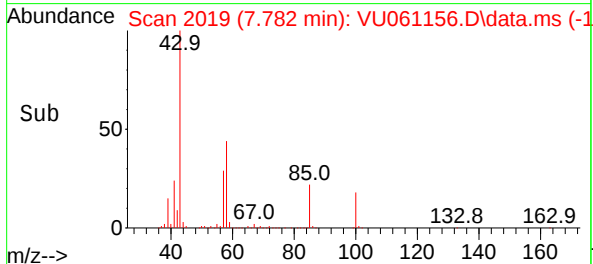
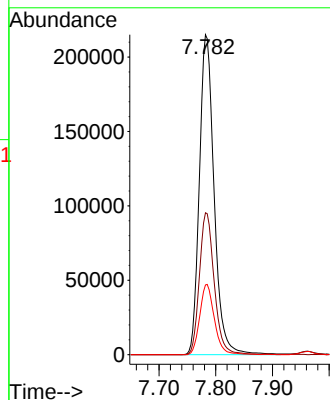
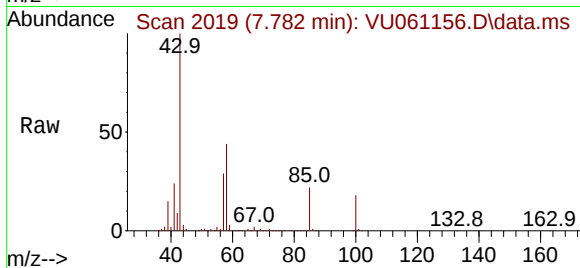




#45
4-Methyl-2-Pentanone
Concen: 54.996 ug/l
RT: 7.782 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VU061156.D
Acq: 18 Oct 2024 10:26

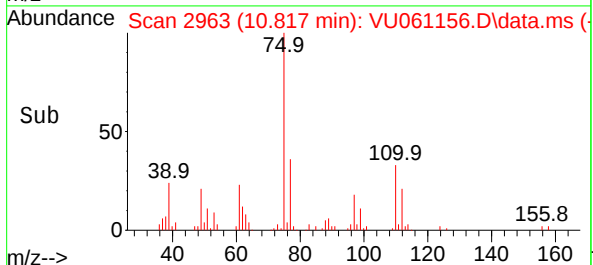
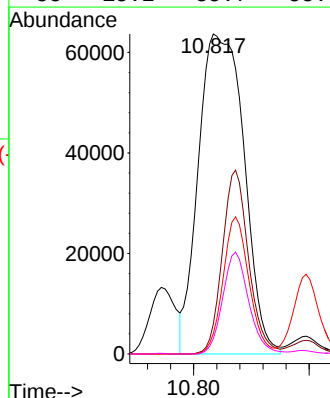
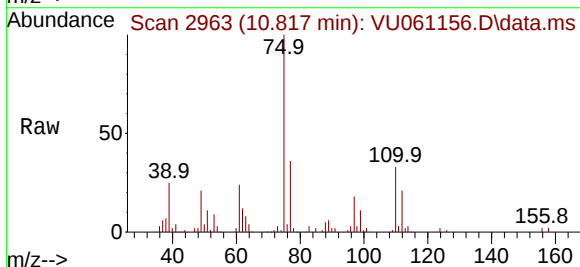
Instrument :
MSVOA_U
ClientSampleId :

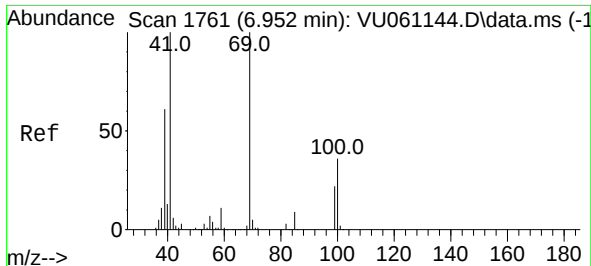
Tgt Ion: 43 Resp: 388895
Ion Ratio Lower Upper
43 100
58 44.5 22.2 66.6
85 21.8 17.2 25.8



#46
t-1,4-Dichloro-2-butene
Concen: 61.834 ug/l
RT: 10.817 min Scan# 2963
Delta R.T. -0.013 min
Lab File: VU061156.D
Acq: 18 Oct 2024 10:26

Tgt Ion: 75 Resp: 174347
Ion Ratio Lower Upper
75 100
53 33.2 66.0 99.0#
89 24.6 48.0 72.0#
88 18.2 35.7 53.5#

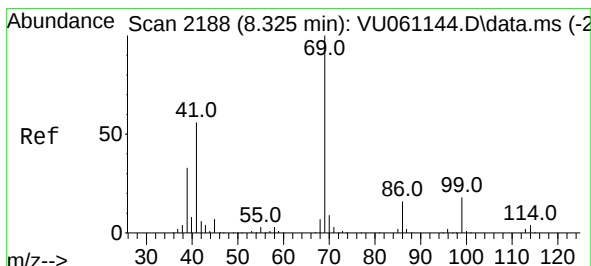
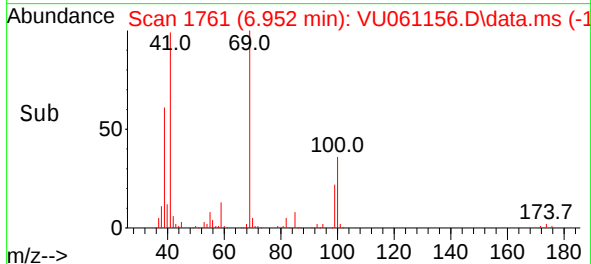
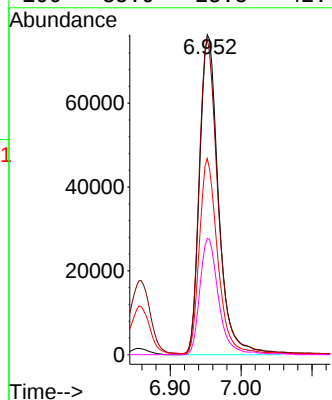
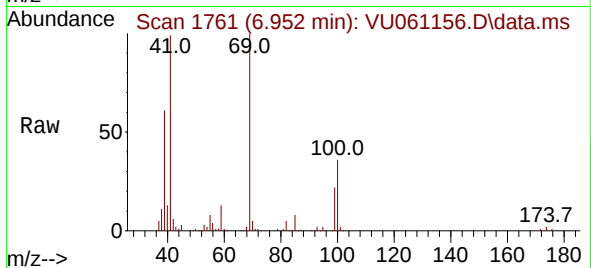




#47
Methyl methacrylate
Concen: 23.121 ug/l
RT: 6.952 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VU061156.D
Acq: 18 Oct 2024 10:26

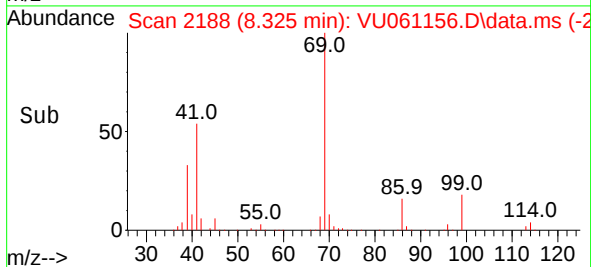
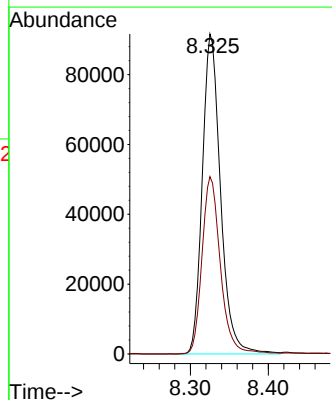
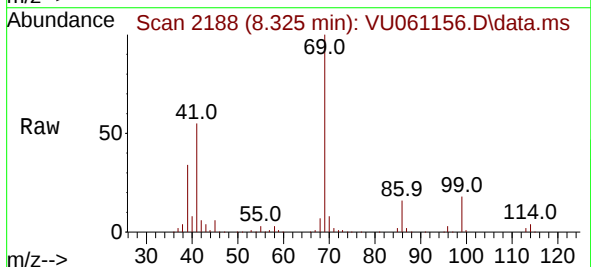
Instrument :
MSVOA_U
ClientSampleId :

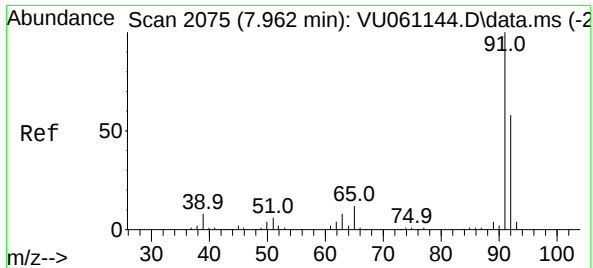
Tgt Ion: 69 Resp: 141553
Ion Ratio Lower Upper
69 100
41 97.1 0.0 196.0
39 58.7 48.0 72.0
100 35.9 28.5 42.7



#48
Ethyl methacrylate
Concen: 11.437 ug/l
RT: 8.325 min Scan# 2188
Delta R.T. -0.000 min
Lab File: VU061156.D
Acq: 18 Oct 2024 10:26

Tgt Ion: 69 Resp: 149301
Ion Ratio Lower Upper
69 100
41 55.9 28.1 84.3

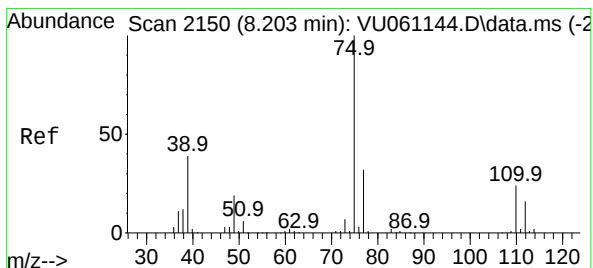
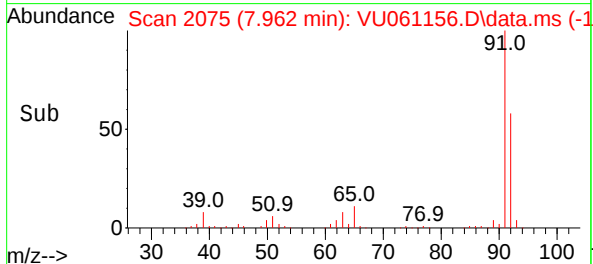
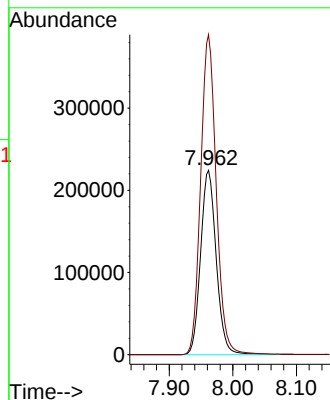
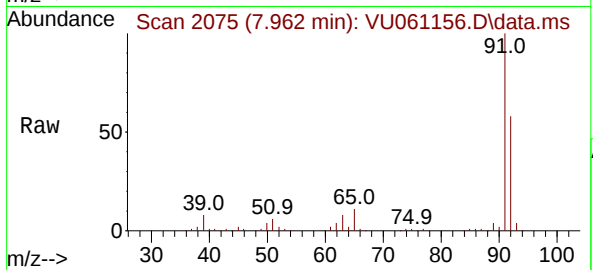




#49
Toluene
Concen: 11.294 ug/l
RT: 7.962 min Scan# 2075
Delta R.T. -0.000 min
Lab File: VU061156.D
Acq: 18 Oct 2024 10:26

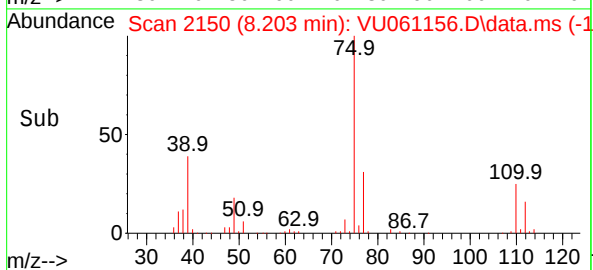
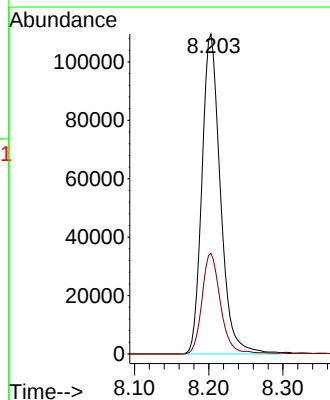
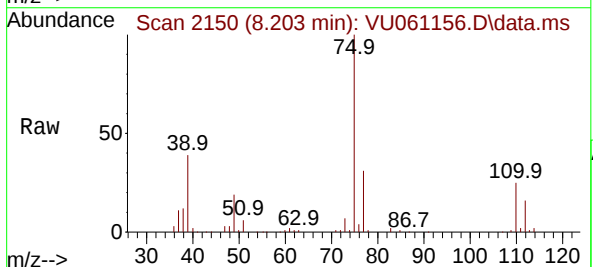
Instrument :
MSVOA_U
ClientSampleId :

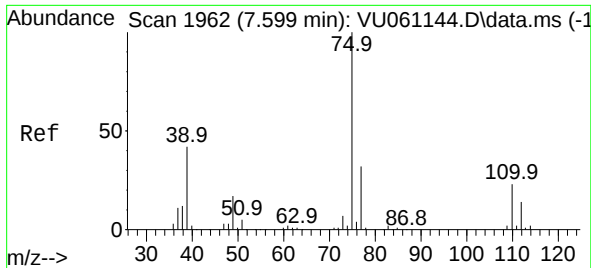
Tgt Ion: 92 Resp: 382712
Ion Ratio Lower Upper
92 100
91 173.3 139.1 208.7



#50
t-1,3-Dichloropropene
Concen: 11.477 ug/l
RT: 8.203 min Scan# 2150
Delta R.T. -0.000 min
Lab File: VU061156.D
Acq: 18 Oct 2024 10:26

Tgt Ion: 75 Resp: 189548
Ion Ratio Lower Upper
75 100
77 31.5 25.9 38.9

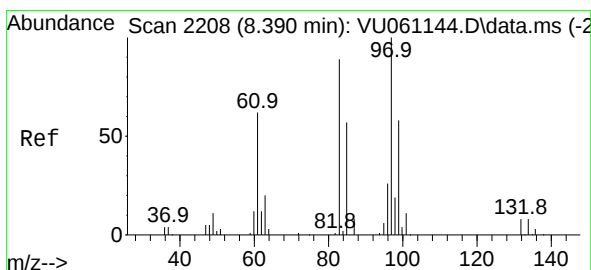
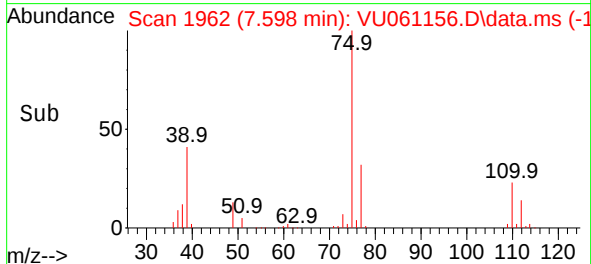
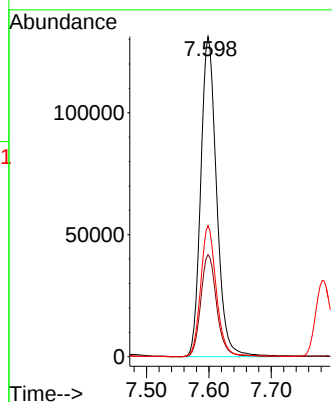
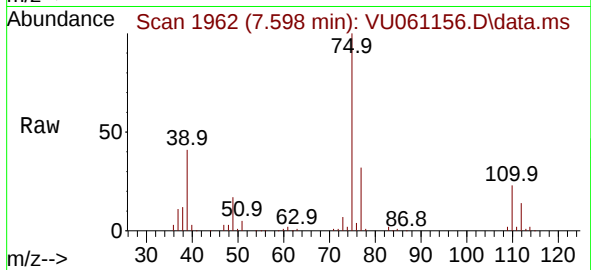




#51
 cis-1,3-Dichloropropene
 Concen: 11.455 ug/l
 RT: 7.598 min Scan# 1962
 Delta R.T. -0.000 min
 Lab File: VU061156.D
 Acq: 18 Oct 2024 10:26

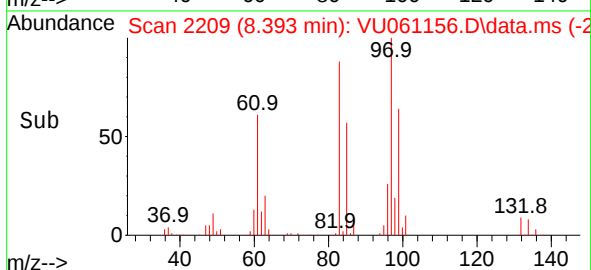
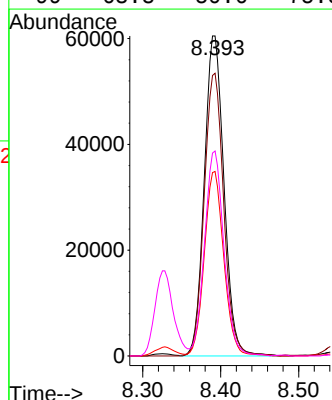
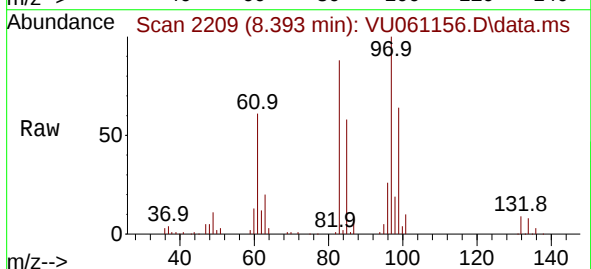
Instrument :
 MSVOA_U
 ClientSampleId :

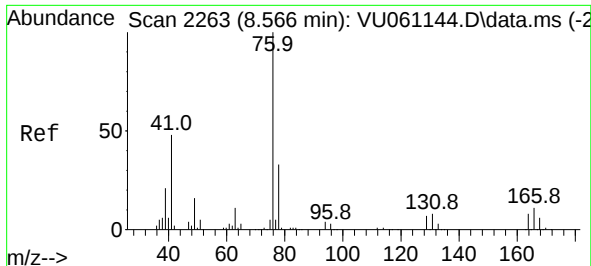
Tgt Ion: 75 Resp: 232124
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.8 38.8
 39 41.0 33.7 50.5



#52
 1,1,2-Trichloroethane
 Concen: 11.182 ug/l
 RT: 8.393 min Scan# 2209
 Delta R.T. 0.003 min
 Lab File: VU061156.D
 Acq: 18 Oct 2024 10:26

Tgt Ion: 97 Resp: 106237
 Ion Ratio Lower Upper
 97 100
 83 88.3 71.0 106.4
 85 57.7 46.1 69.1
 99 63.8 50.6 75.8

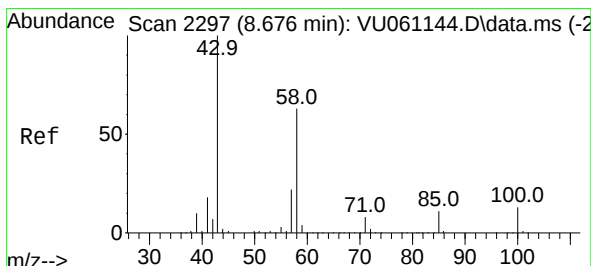
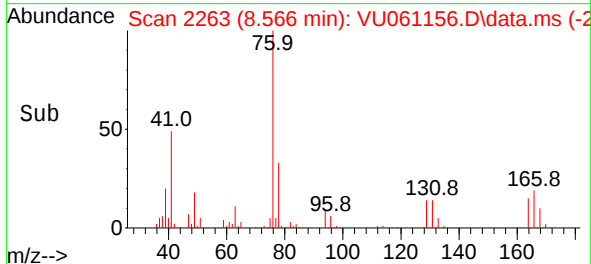
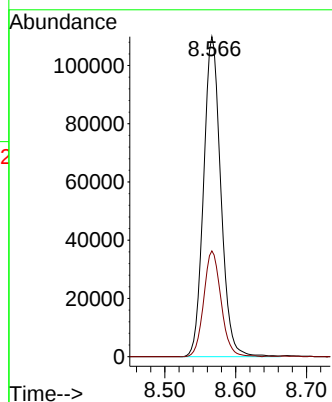
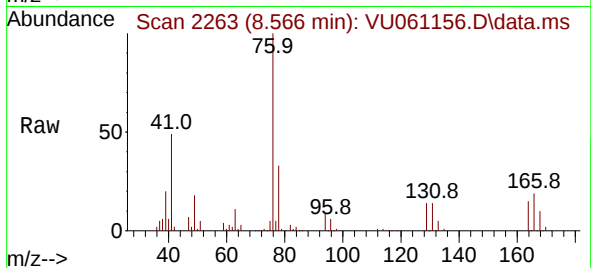




#53
1,3-Dichloropropane
Concen: 11.118 ug/l
RT: 8.566 min Scan# 2263
Delta R.T. -0.000 min
Lab File: VU061156.D
Acq: 18 Oct 2024 10:26

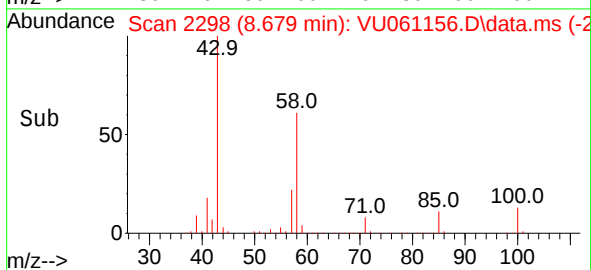
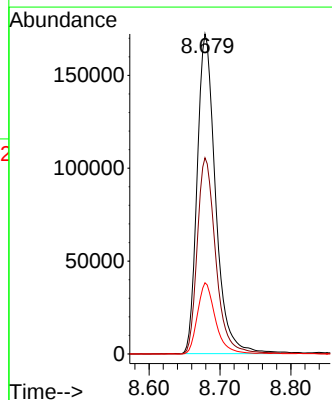
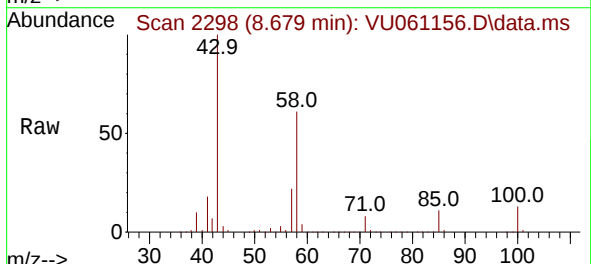
Instrument :
MSVOA_U
ClientSampleId :

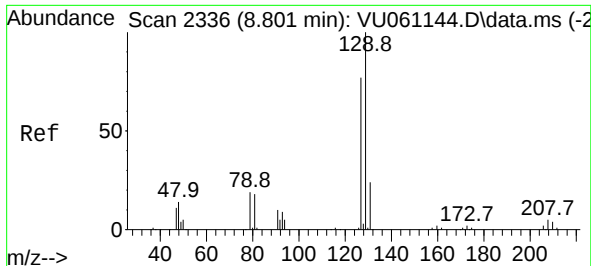
Tgt Ion: 76 Resp: 185529
Ion Ratio Lower Upper
76 100
78 33.2 26.2 39.2



#54
2-Hexanone
Concen: 53.389 ug/l
RT: 8.679 min Scan# 2298
Delta R.T. 0.003 min
Lab File: VU061156.D
Acq: 18 Oct 2024 10:26

Tgt Ion: 43 Resp: 310141
Ion Ratio Lower Upper
43 100
58 62.0 41.8 81.8
57 21.8 1.4 41.4





#55

Dibromochloromethane

Concen: 11.541 ug/l

RT: 8.801 min Scan# 2336

Delta R.T. -0.000 min

Lab File: VU061156.D

Acq: 18 Oct 2024 10:26

Instrument :

MSVOA_U

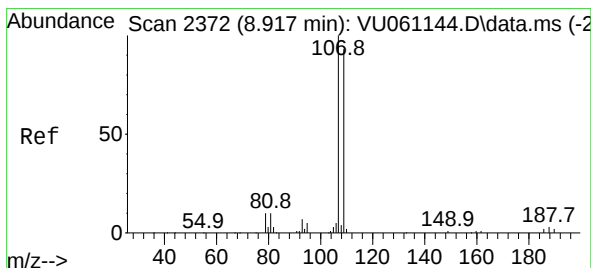
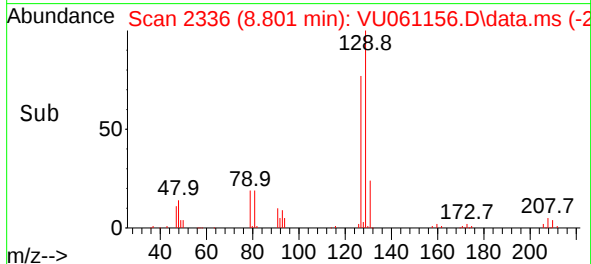
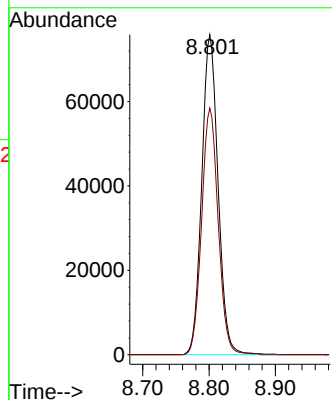
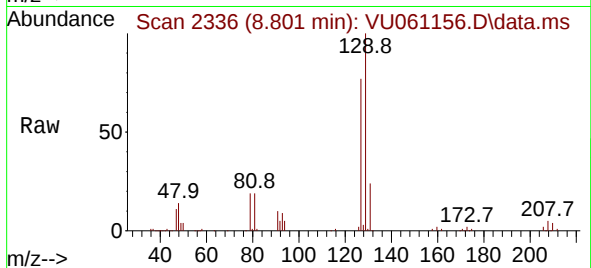
ClientSampleId :

Tgt Ion:129 Resp: 129438

Ion Ratio Lower Upper

129 100

127 78.2 61.9 92.9



#56

1,2-Dibromoethane

Concen: 11.162 ug/l

RT: 8.914 min Scan# 2371

Delta R.T. -0.003 min

Lab File: VU061156.D

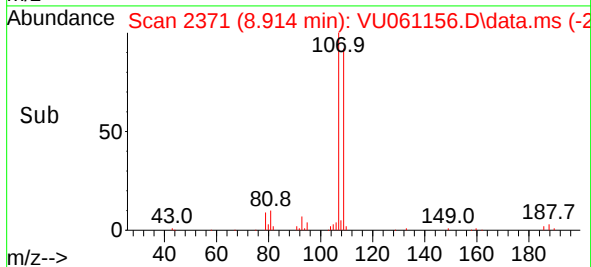
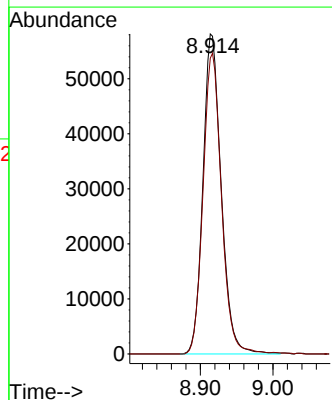
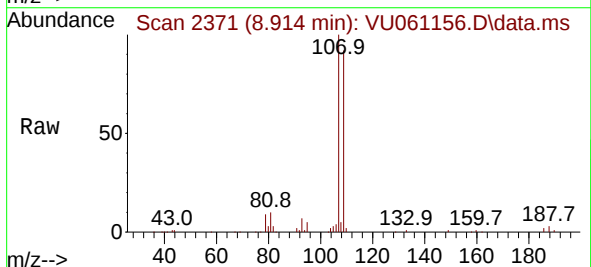
Acq: 18 Oct 2024 10:26

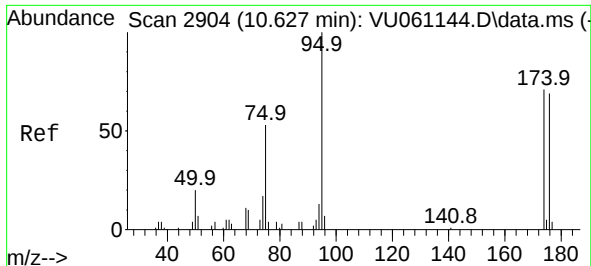
Tgt Ion:107 Resp: 101748

Ion Ratio Lower Upper

107 100

109 94.6 0.0 185.2





#57

4-Bromofluorobenzene

Concen: 1.024 ug/l

RT: 10.627 min Scan# 2904

Delta R.T. -0.000 min

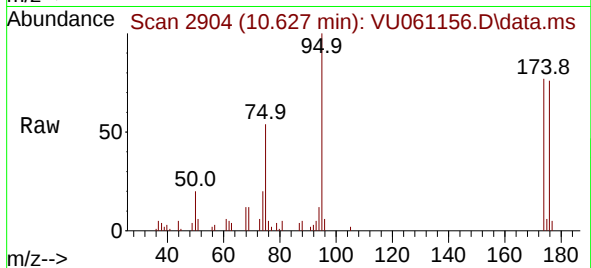
Lab File: VU061156.D

Acq: 18 Oct 2024 10:26

Instrument :

MSVOA_U

ClientSampleId :



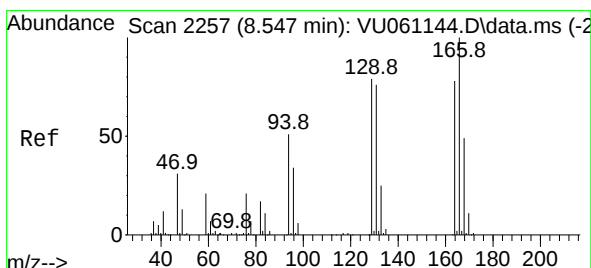
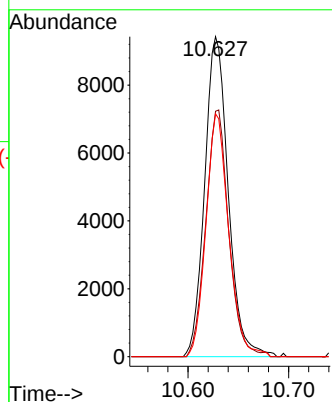
Tgt Ion: 95 Resp: 15374

Ion Ratio Lower Upper

95 100

174 74.9 55.4 83.0

176 73.3 54.4 81.6



#58

Tetrachloroethene

Concen: 10.986 ug/l

RT: 8.547 min Scan# 2257

Delta R.T. -0.000 min

Lab File: VU061156.D

Acq: 18 Oct 2024 10:26

Tgt Ion:164 Resp: 133360

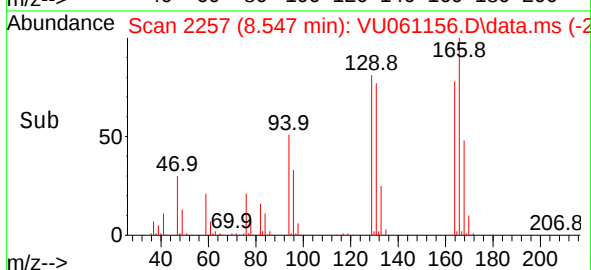
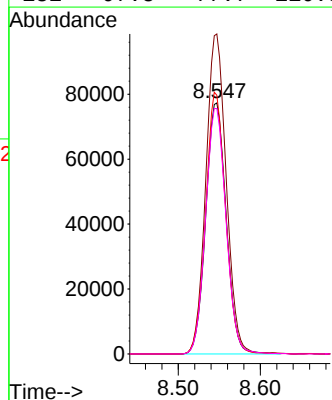
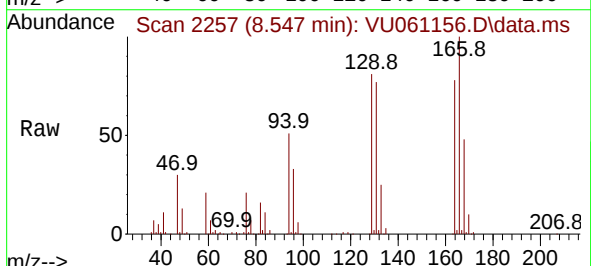
Ion Ratio Lower Upper

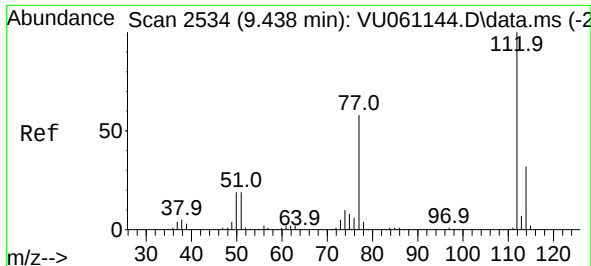
164 100

166 127.4 102.1 153.1

129 103.1 80.6 120.8

131 97.8 77.7 116.5

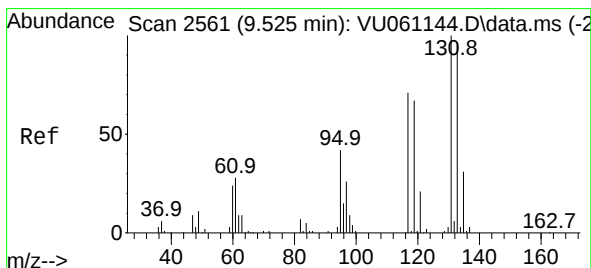
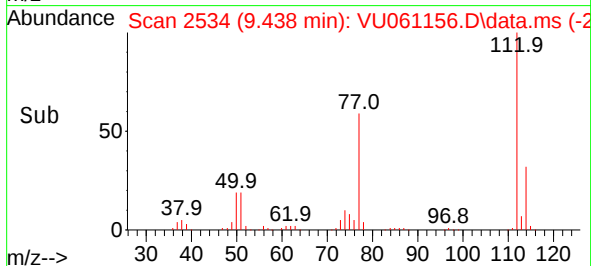
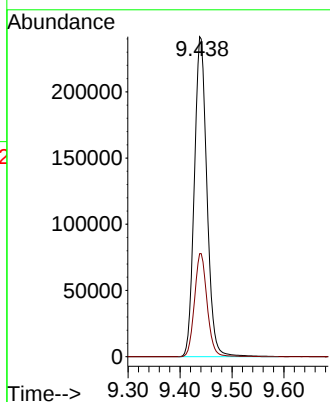
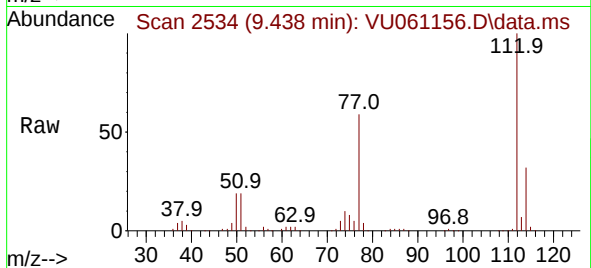




#59
Chlorobenzene
Concen: 11.137 ug/l
RT: 9.438 min Scan# 2534
Delta R.T. -0.000 min
Lab File: VU061156.D
Acq: 18 Oct 2024 10:26

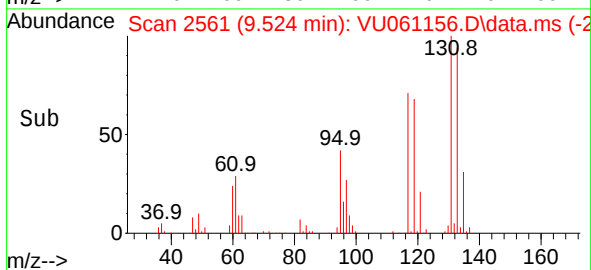
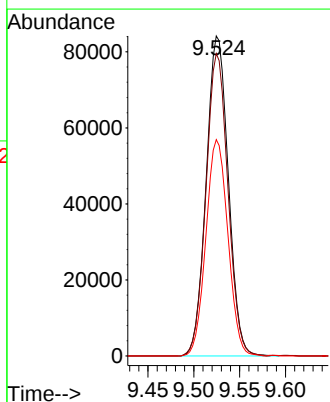
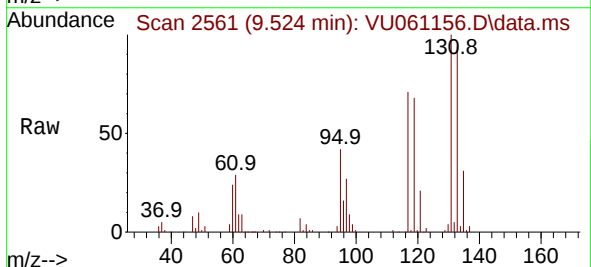
Instrument :
MSVOA_U
ClientSampleId :

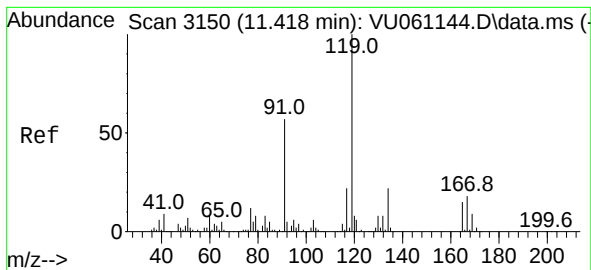
Tgt Ion:112 Resp: 406510
Ion Ratio Lower Upper
112 100
114 32.2 25.4 38.2



#60
1,1,1,2-Tetrachloroethane
Concen: 11.492 ug/l
RT: 9.524 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU061156.D
Acq: 18 Oct 2024 10:26

Tgt Ion:131 Resp: 141516
Ion Ratio Lower Upper
131 100
133 93.9 76.8 115.2
119 67.2 54.2 81.2





#61

Pentachloroethane

Concen: 11.833 ug/l

RT: 11.418 min Scan# 3150

Delta R.T. -0.000 min

Lab File: VU061156.D

Acq: 18 Oct 2024 10:26

Instrument :

MSVOA_U

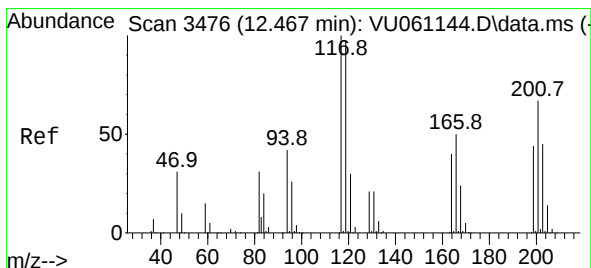
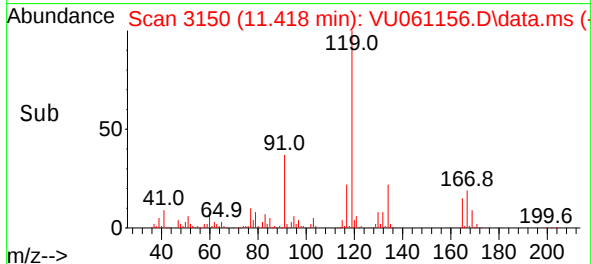
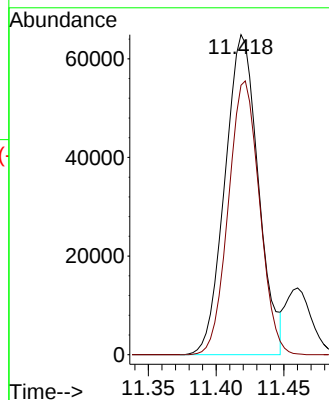
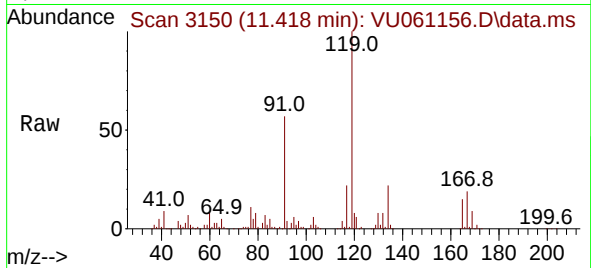
ClientSampleId :

Tgt Ion:117 Resp: 111509

Ion Ratio Lower Upper

117 100

167 79.6 63.4 95.2



#62

Hexachloroethane

Concen: 11.943 ug/l

RT: 12.466 min Scan# 3476

Delta R.T. -0.000 min

Lab File: VU061156.D

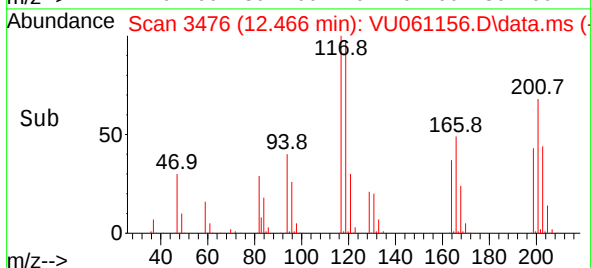
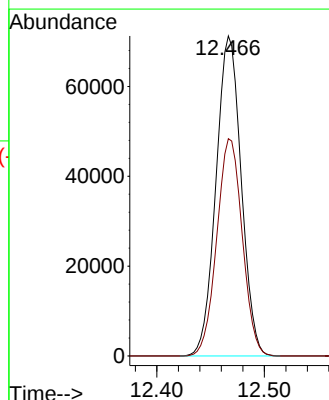
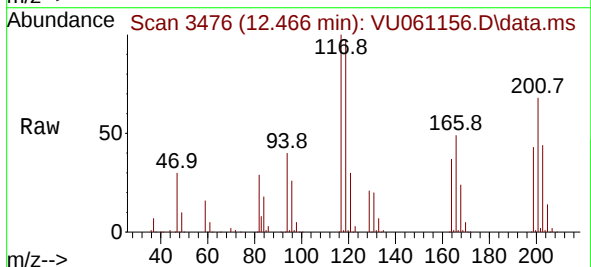
Acq: 18 Oct 2024 10:26

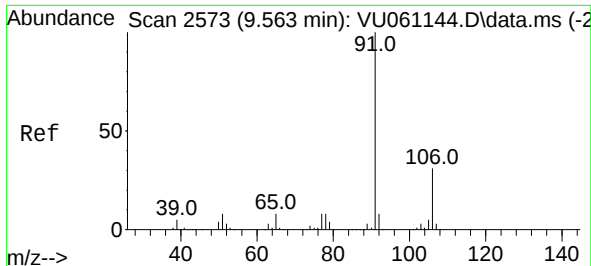
Tgt Ion:117 Resp: 115959

Ion Ratio Lower Upper

117 100

201 68.6 54.3 81.5





#63

Ethyl Benzene

Concen: 11.207 ug/l

RT: 9.563 min Scan# 2573

Delta R.T. -0.000 min

Lab File: VU061156.D

Acq: 18 Oct 2024 10:26

Instrument :

MSVOA_U

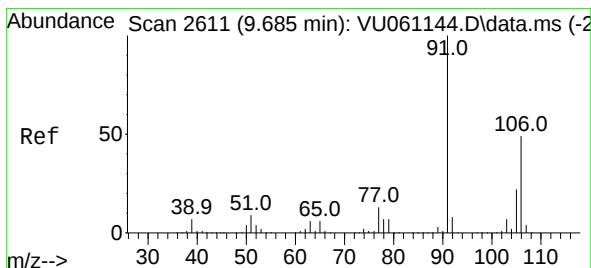
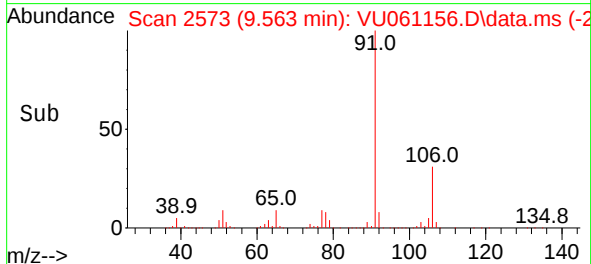
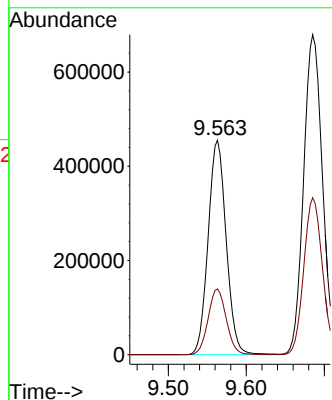
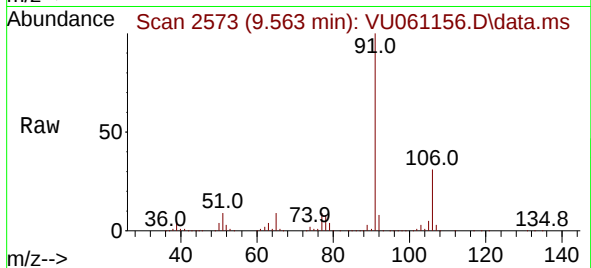
ClientSampleId :

Tgt Ion: 91 Resp: 732843

Ion Ratio Lower Upper

91 100

106 30.6 24.6 37.0



#64

m/p-Xylenes

Concen: 22.486 ug/l

RT: 9.685 min Scan# 2611

Delta R.T. -0.000 min

Lab File: VU061156.D

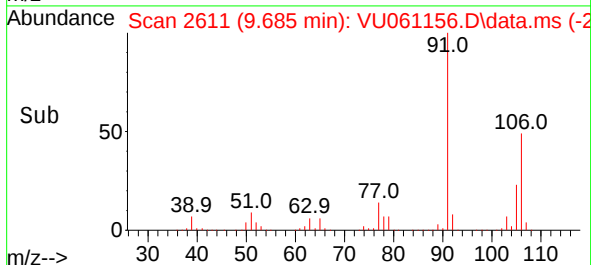
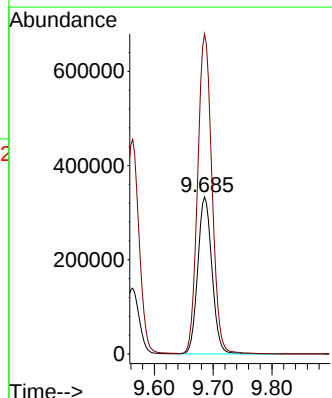
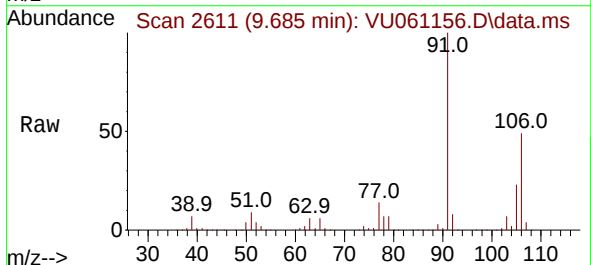
Acq: 18 Oct 2024 10:26

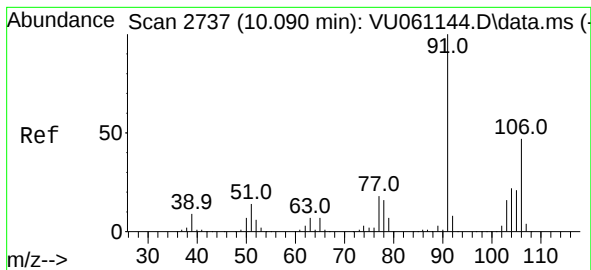
Tgt Ion:106 Resp: 559613

Ion Ratio Lower Upper

106 100

91 205.0 163.3 244.9





#65

o-Xylene

Concen: 11.271 ug/l

RT: 10.094 min Scan# 2737

Delta R.T. 0.003 min

Lab File: VU061156.D

Acq: 18 Oct 2024 10:26

Instrument :

MSVOA_U

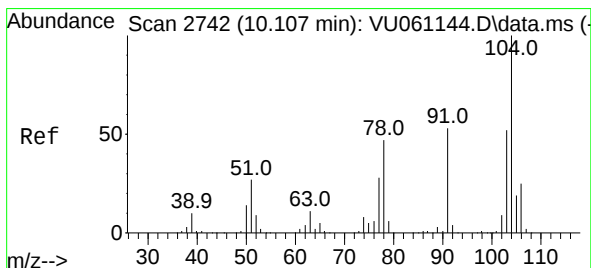
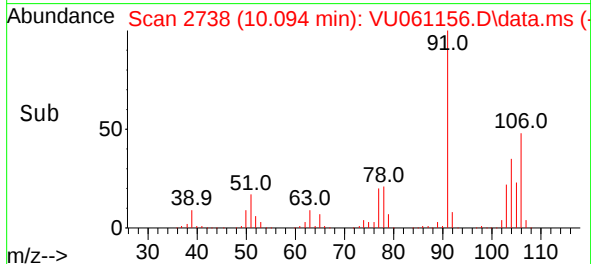
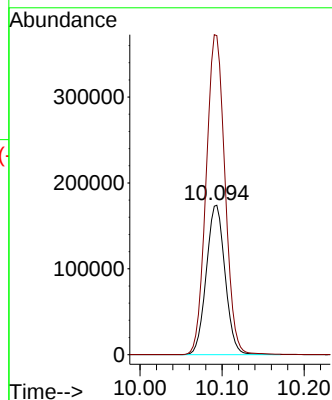
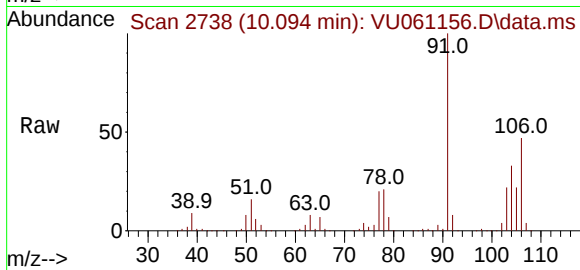
ClientSampleId :

Tgt Ion:106 Resp: 276285

Ion Ratio Lower Upper

106 100

91 215.2 106.9 320.8



#66

Styrene

Concen: 11.593 ug/l

RT: 10.106 min Scan# 2742

Delta R.T. -0.000 min

Lab File: VU061156.D

Acq: 18 Oct 2024 10:26

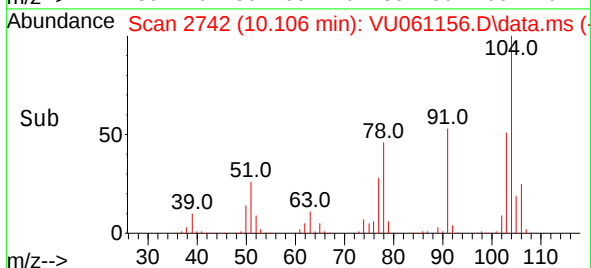
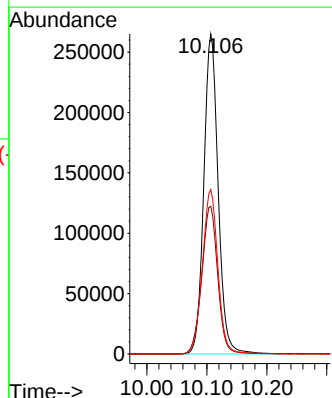
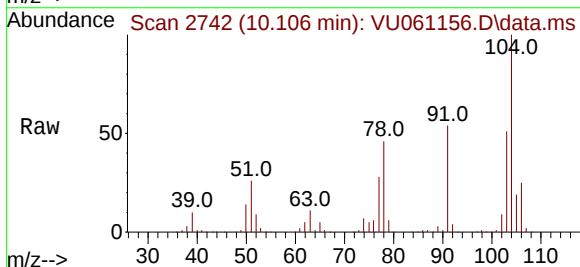
Tgt Ion:104 Resp: 441977

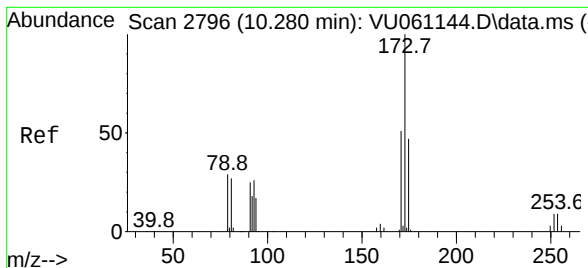
Ion Ratio Lower Upper

104 100

78 51.1 41.6 62.4

103 55.8 45.0 67.6





#67

Bromoform

Concen: 11.819 ug/l

RT: 10.283 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU061156.D

Acq: 18 Oct 2024 10:26

Instrument :

MSVOA_U

ClientSampleId :

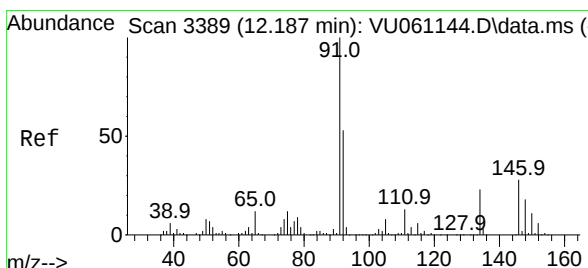
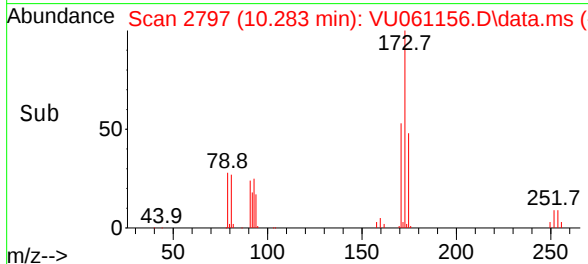
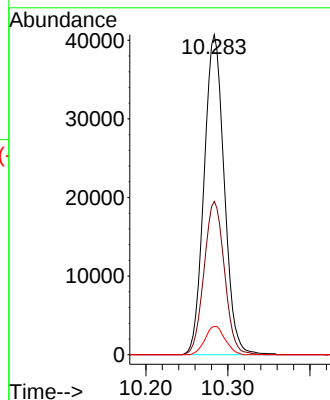
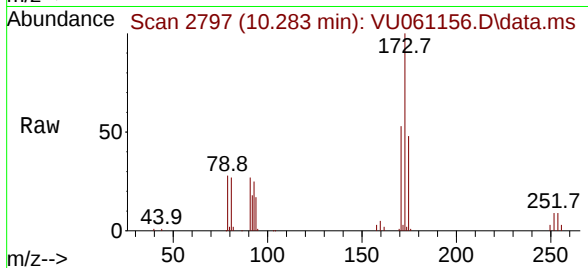
Tgt Ion:173 Resp: 69415

Ion Ratio Lower Upper

173 100

175 48.5 37.8 56.8

254 8.8 7.0 10.4



#68

1,2-Dichlorobenzene-d4

Concen: 1.062 ug/l

RT: 12.184 min Scan# 3388

Delta R.T. -0.003 min

Lab File: VU061156.D

Acq: 18 Oct 2024 10:26

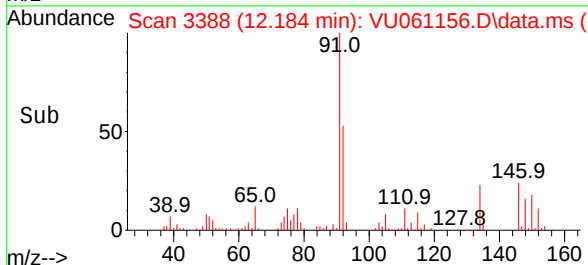
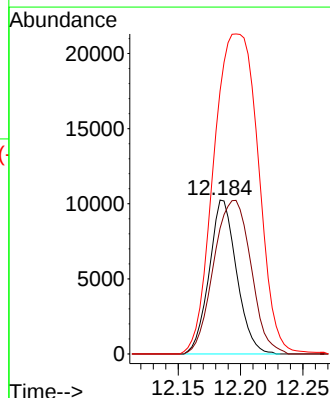
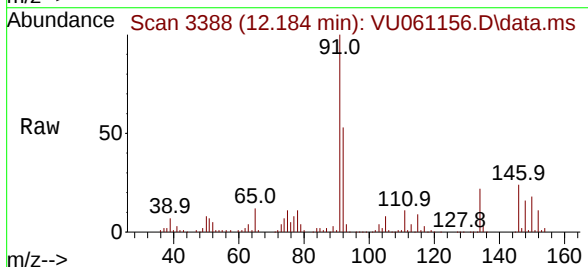
Tgt Ion:152 Resp: 15712

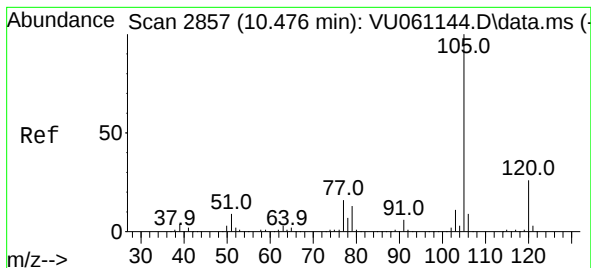
Ion Ratio Lower Upper

152 100

115 135.3 0.0 275.0

150 337.0 0.0 668.8





#69

Isopropylbenzene

Concen: 11.247 ug/l

RT: 10.476 min Scan# 2857

Delta R.T. -0.000 min

Lab File: VU061156.D

Acq: 18 Oct 2024 10:26

Instrument :

MSVOA_U

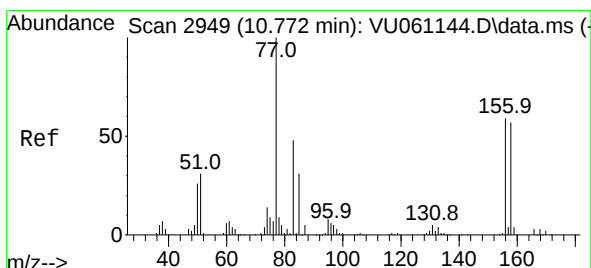
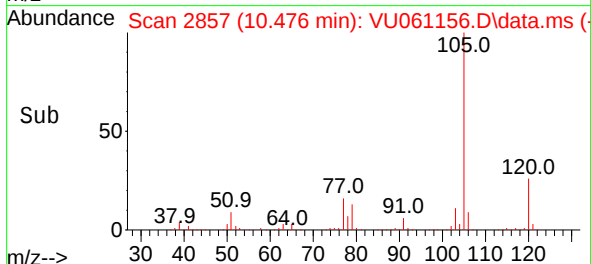
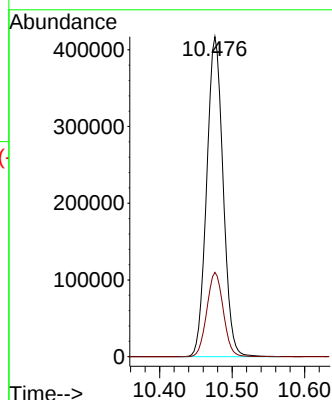
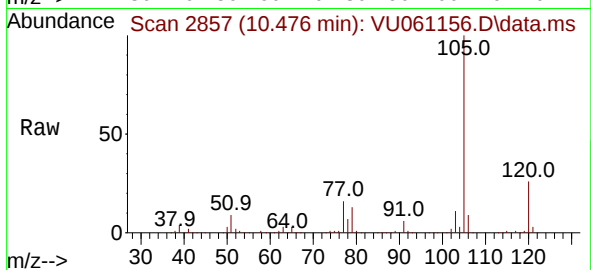
ClientSampleId :

Tgt Ion:105 Resp: 655838

Ion Ratio Lower Upper

105 100

120 26.5 13.1 39.1



#70

1,1,2,2-Tetrachloroethane

Concen: 11.434 ug/l

RT: 10.772 min Scan# 2949

Delta R.T. -0.000 min

Lab File: VU061156.D

Acq: 18 Oct 2024 10:26

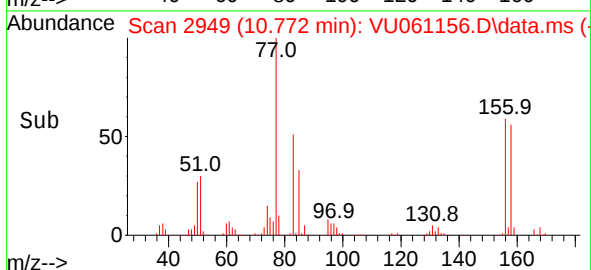
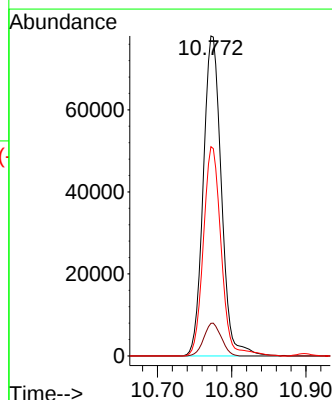
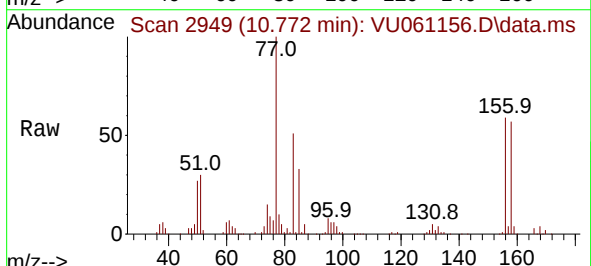
Tgt Ion: 83 Resp: 131940

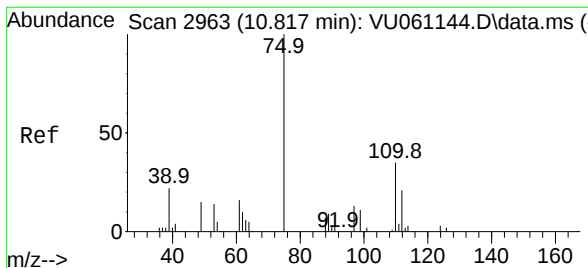
Ion Ratio Lower Upper

83 100

131 9.9 7.8 11.8

85 64.3 50.8 76.2



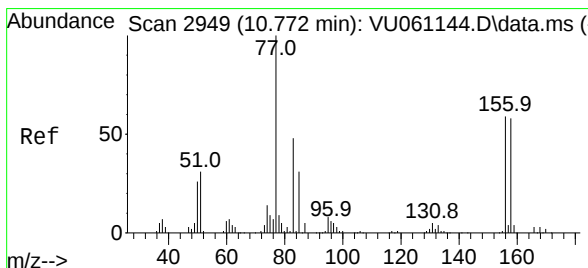
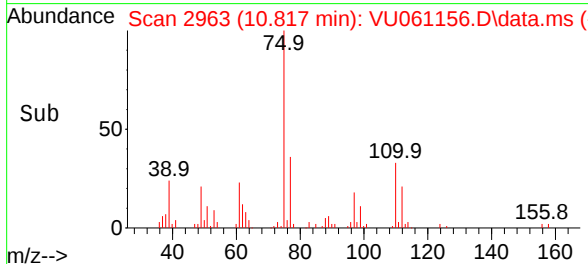
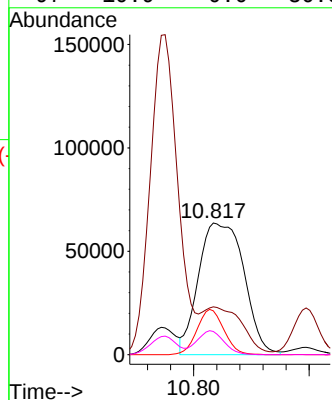
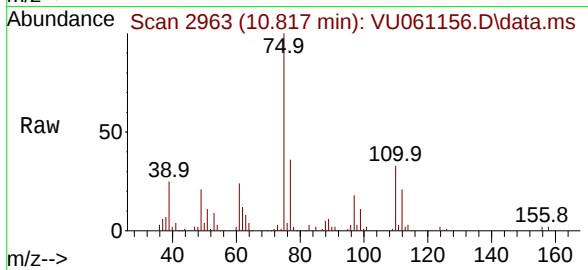


#71
1,2,3-Trichloropropane
Concen: 18.552 ug/l
RT: 10.817 min Scan# 2963
Delta R.T. -0.000 min
Lab File: VU061156.D
Acq: 18 Oct 2024 10:26

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 174347

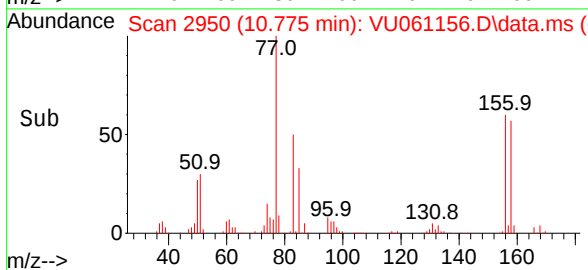
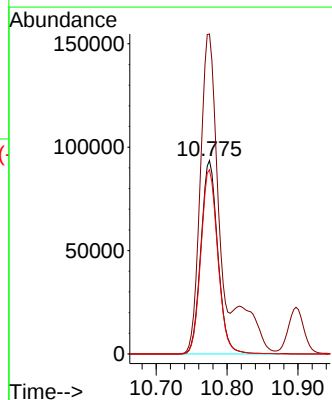
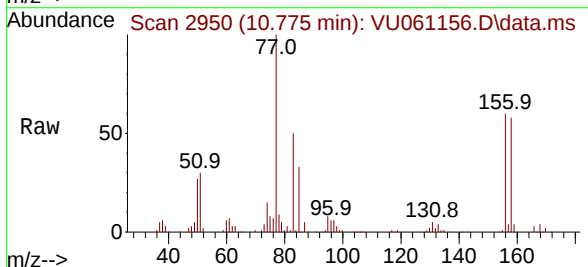
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0
110	20.3	0.0	68.6
97	10.9	0.0	36.8

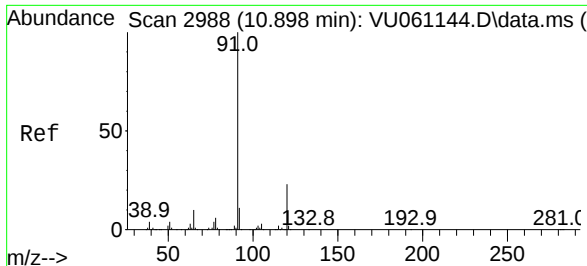


#72
Bromobenzene
Concen: 11.054 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU061156.D
Acq: 18 Oct 2024 10:26

Tgt Ion: 156 Resp: 154990

Ion	Ratio	Lower	Upper
156	100		
77	168.3	0.0	337.2
158	95.5	0.0	192.8

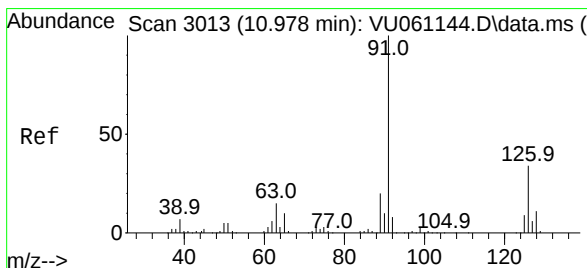
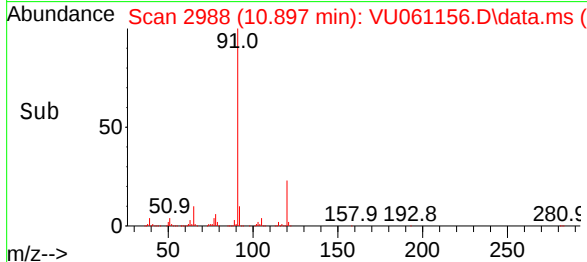
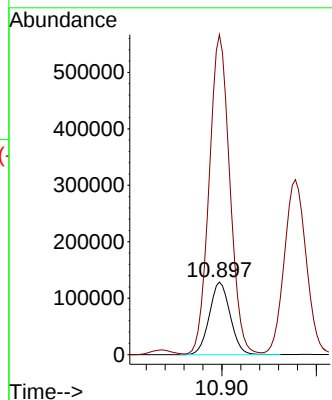
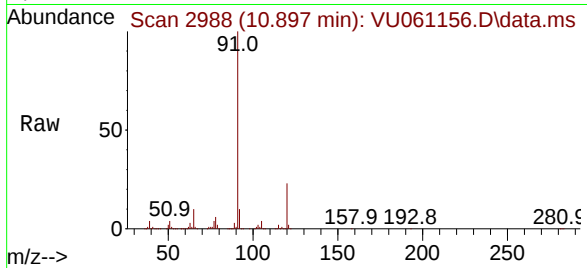




#73
n-propylbenzene
Concen: 11.522 ug/l
RT: 10.897 min Scan# 2988
Delta R.T. -0.000 min
Lab File: VU061156.D
Acq: 18 Oct 2024 10:26

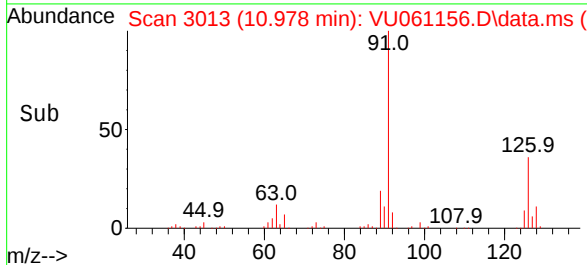
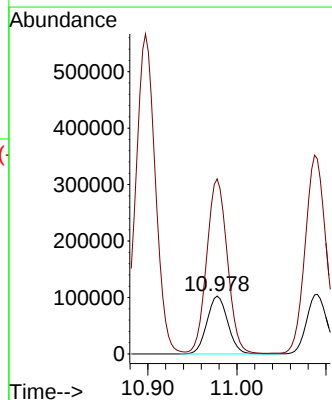
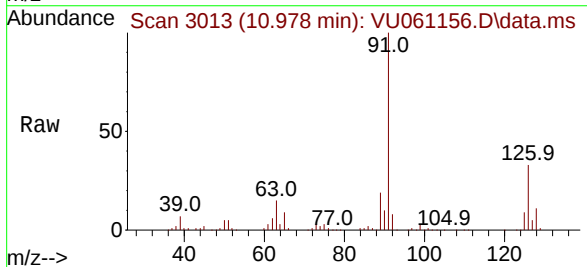
Instrument :
MSVOA_U
ClientSampleId :

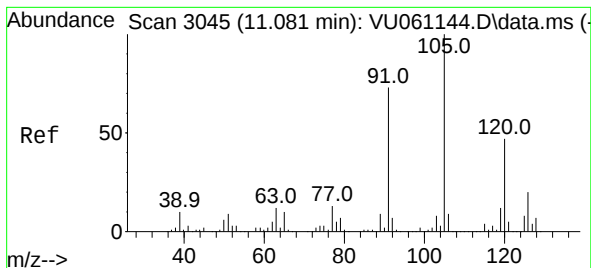
Tgt Ion:120 Resp: 196066
Ion Ratio Lower Upper
120 100
91 436.5 353.6 530.4



#74
2-Chlorotoluene
Concen: 11.289 ug/l
RT: 10.978 min Scan# 3013
Delta R.T. -0.000 min
Lab File: VU061156.D
Acq: 18 Oct 2024 10:26

Tgt Ion:126 Resp: 166142
Ion Ratio Lower Upper
126 100
91 298.4 0.0 595.2





#75

1,3,5-Trimethylbenzene

Concen: 11.437 ug/l

RT: 11.081 min Scan# 3045

Delta R.T. -0.000 min

Lab File: VU061156.D

Acq: 18 Oct 2024 10:26

Instrument :

MSVOA_U

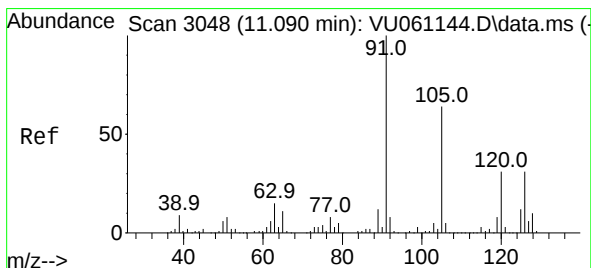
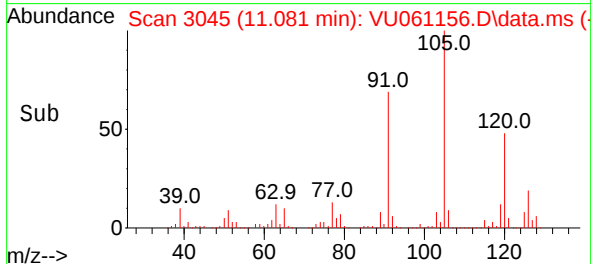
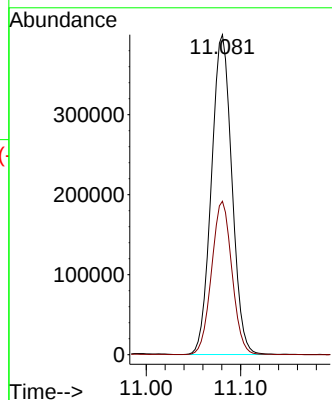
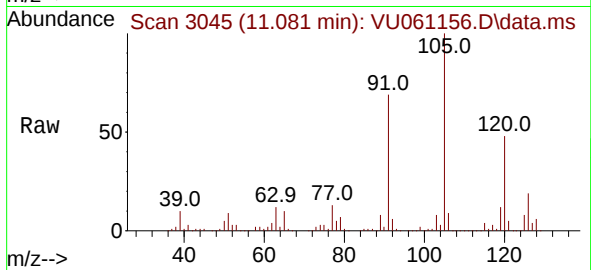
ClientSampleId :

Tgt Ion:105 Resp: 601339

Ion Ratio Lower Upper

105 100

120 47.8 38.0 57.0



#76

4-Chlorotoluene

Concen: 11.326 ug/l

RT: 11.090 min Scan# 3048

Delta R.T. -0.000 min

Lab File: VU061156.D

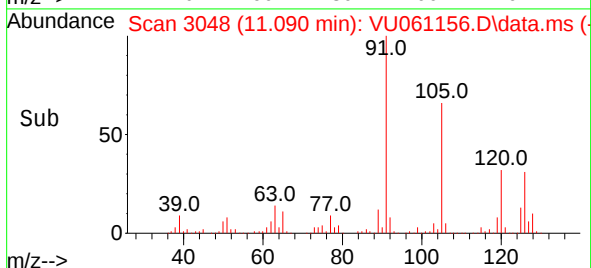
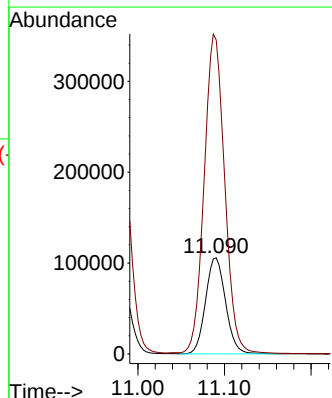
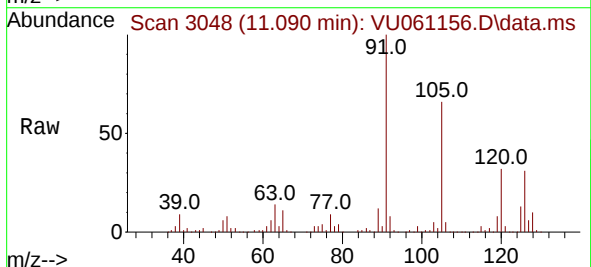
Acq: 18 Oct 2024 10:26

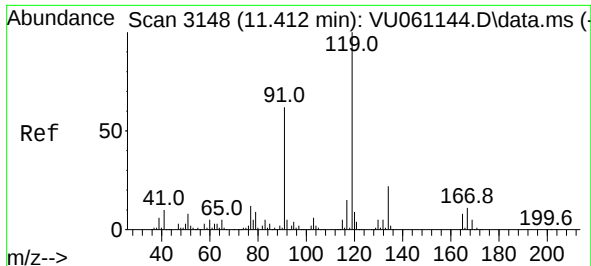
Tgt Ion:126 Resp: 169405

Ion Ratio Lower Upper

126 100

91 342.3 0.0 678.2

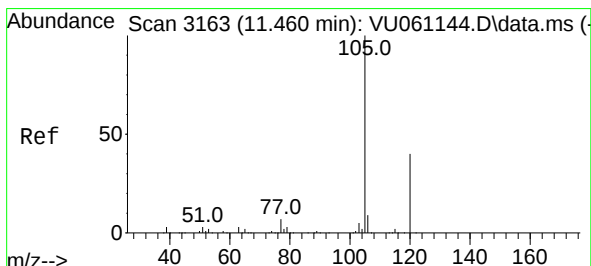
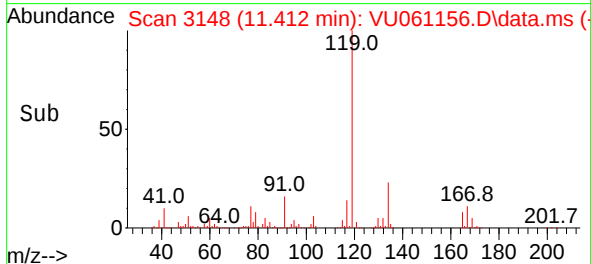
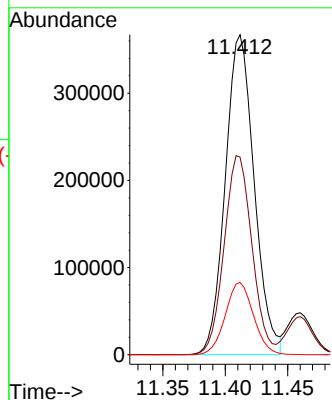
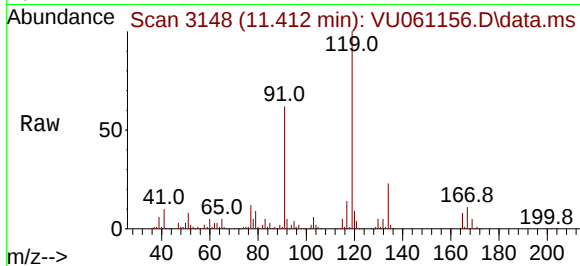




#77
tert-Butylbenzene
Concen: 11.435 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU061156.D
Acq: 18 Oct 2024 10:26

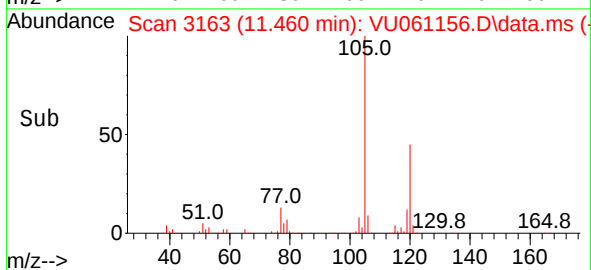
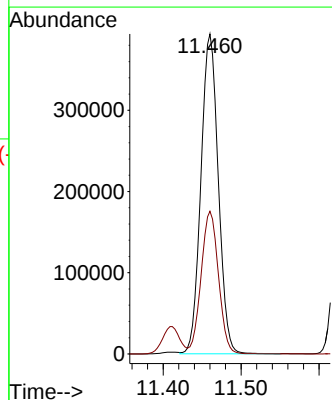
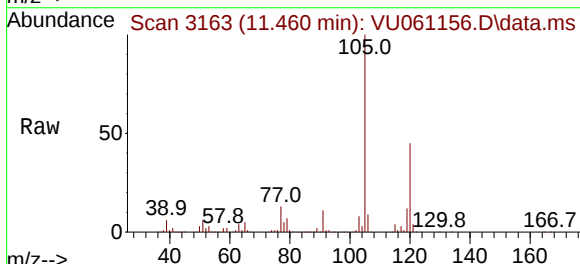
Instrument :
MSVOA_U
ClientSampleId :

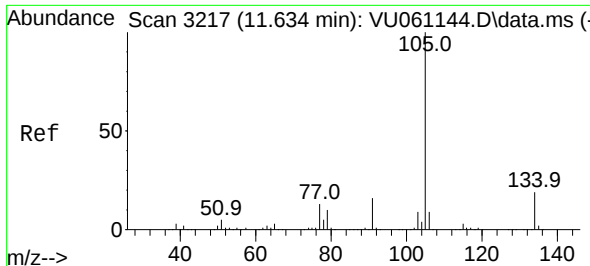
Tgt Ion:119 Resp: 594280
Ion Ratio Lower Upper
119 100
91 60.0 30.1 90.5
134 22.0 17.5 26.3



#78
1,2,4-Trimethylbenzene
Concen: 11.453 ug/l
RT: 11.460 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VU061156.D
Acq: 18 Oct 2024 10:26

Tgt Ion:105 Resp: 607942
Ion Ratio Lower Upper
105 100
120 44.5 22.3 66.9





#79

sec-Butylbenzene

Concen: 11.466 ug/l

RT: 11.634 min Scan# 3217

Delta R.T. -0.000 min

Lab File: VU061156.D

Acq: 18 Oct 2024 10:26

Instrument :

MSVOA_U

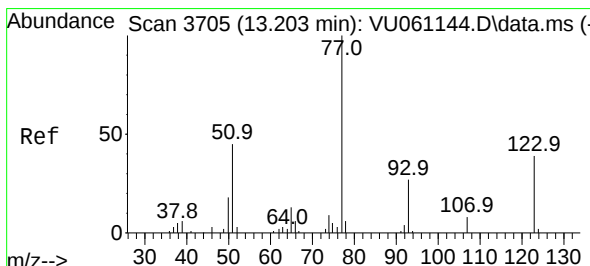
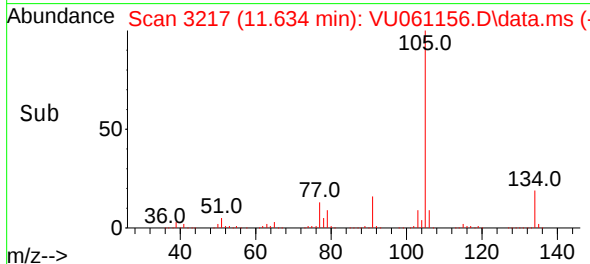
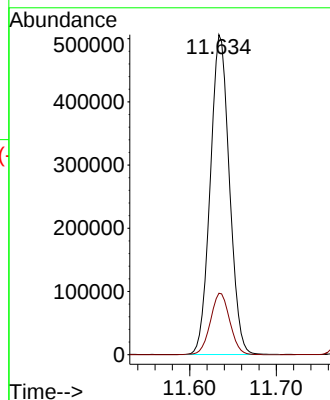
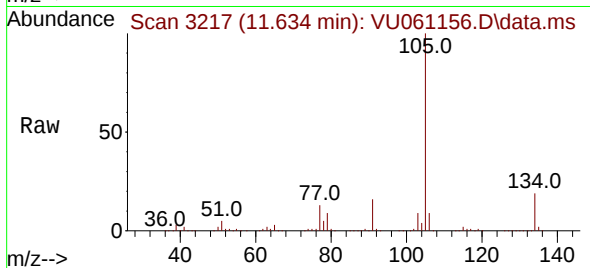
ClientSampleId :

Tgt Ion:105 Resp: 775991

Ion Ratio Lower Upper

105 100

134 19.5 15.5 23.3



#80

Nitrobenzene

Concen: 45.861 ug/l

RT: 13.206 min Scan# 3706

Delta R.T. 0.003 min

Lab File: VU061156.D

Acq: 18 Oct 2024 10:26

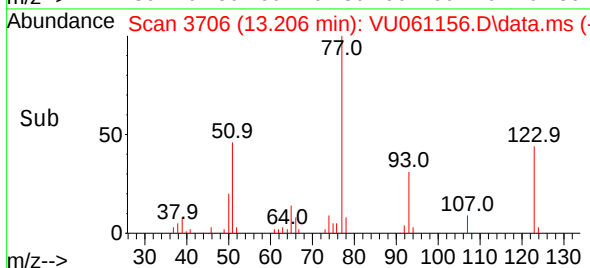
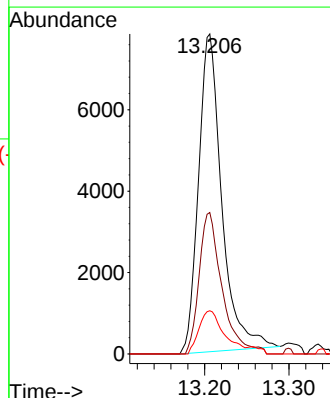
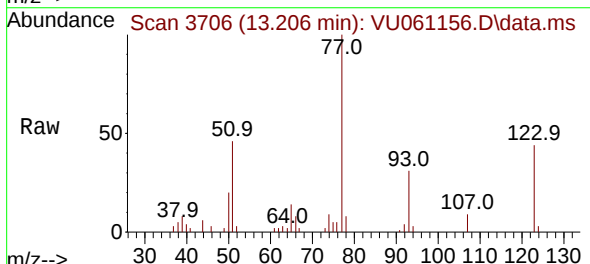
Tgt Ion: 77 Resp: 15013

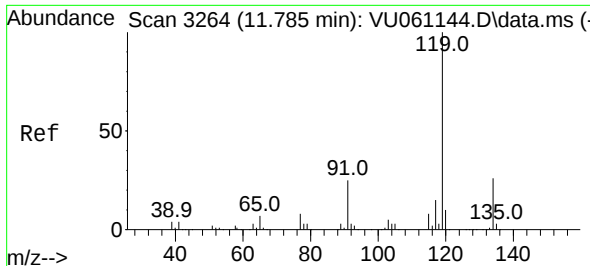
Ion Ratio Lower Upper

77 100

123 43.8 15.6 55.2

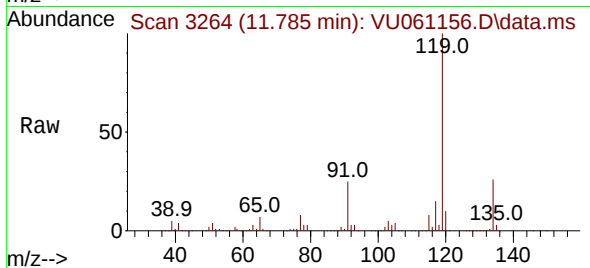
65 12.6 10.7 13.7



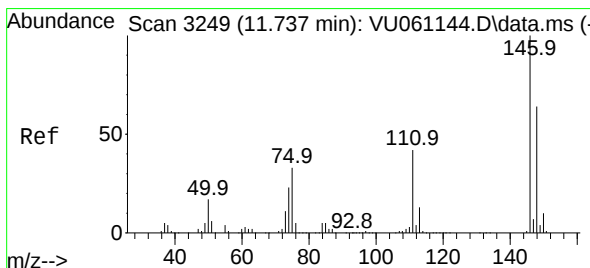
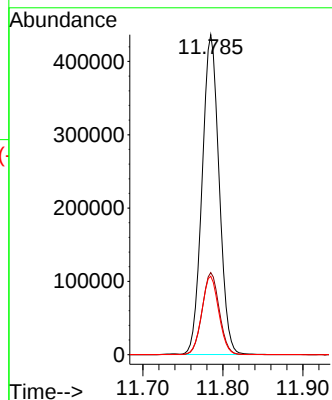
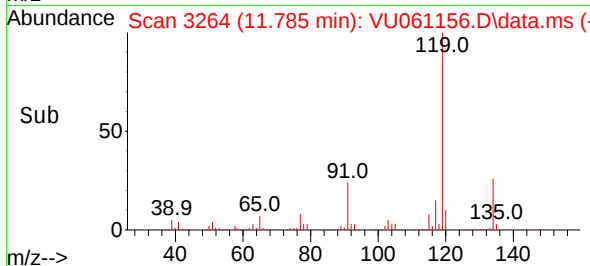


#81
 p-Isopropyltoluene
 Concen: 11.518 ug/l
 RT: 11.785 min Scan# 3264
 Delta R.T. -0.000 min
 Lab File: VU061156.D
 Acq: 18 Oct 2024 10:26

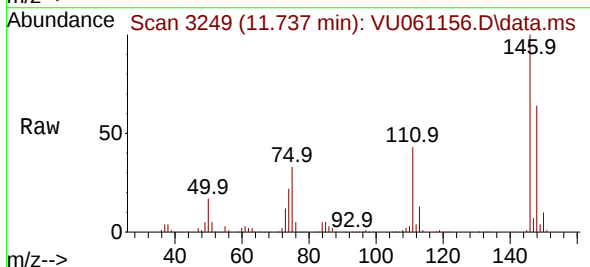
Instrument :
 MSVOA_U
 ClientSampleId :



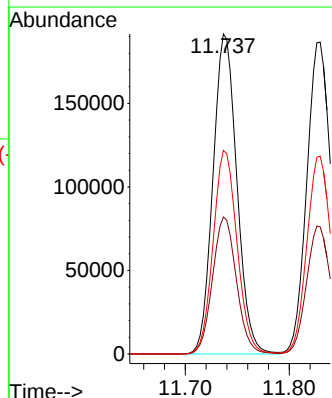
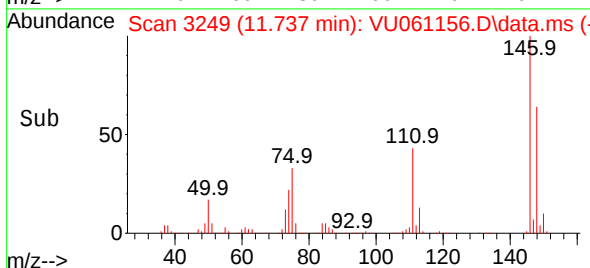
Tgt Ion:119 Resp: 645371
 Ion Ratio Lower Upper
 119 100
 134 25.7 21.0 31.6
 91 24.5 19.8 29.8

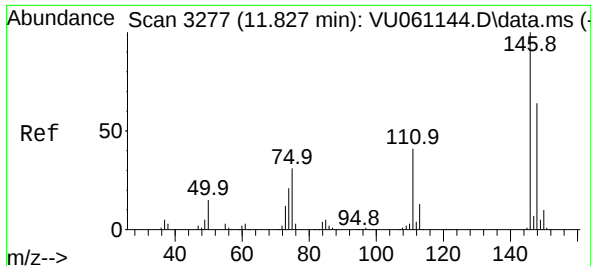


#82
 1,3-Dichlorobenzene
 Concen: 11.387 ug/l
 RT: 11.737 min Scan# 3249
 Delta R.T. -0.000 min
 Lab File: VU061156.D
 Acq: 18 Oct 2024 10:26



Tgt Ion:146 Resp: 306333
 Ion Ratio Lower Upper
 146 100
 111 42.8 34.1 51.1
 148 63.7 51.2 76.8





#83

1,4-Dichlorobenzene

Concen: 11.459 ug/l

RT: 11.830 min Scan# 3277

Delta R.T. 0.003 min

Lab File: VU061156.D

Acq: 18 Oct 2024 10:26

Instrument :

MSVOA_U

ClientSampleId :

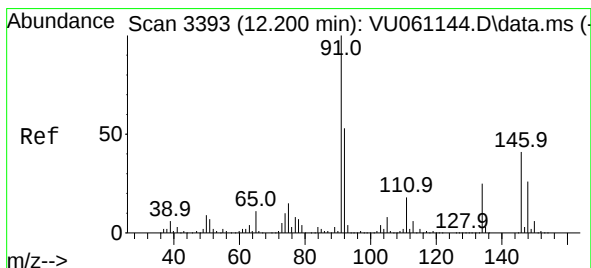
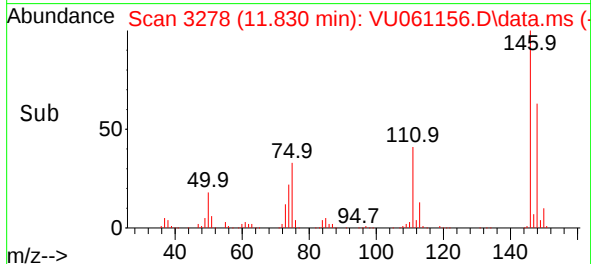
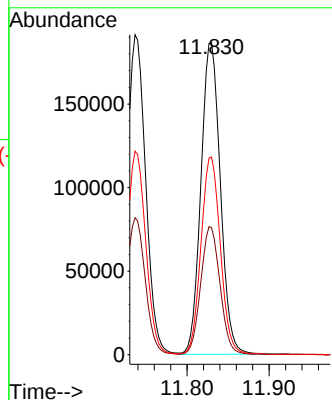
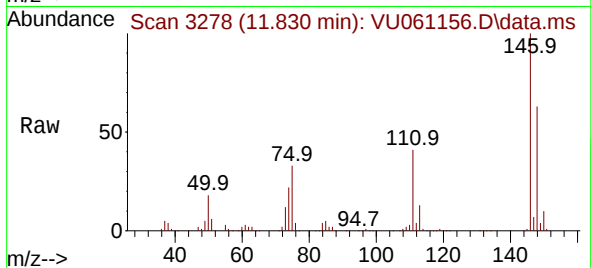
Tgt Ion:146 Resp: 307346

Ion Ratio Lower Upper

146 100

111 40.4 32.1 48.1

148 63.3 50.3 75.5



#84

n-Butylbenzene

Concen: 11.752 ug/l

RT: 12.200 min Scan# 3393

Delta R.T. -0.000 min

Lab File: VU061156.D

Acq: 18 Oct 2024 10:26

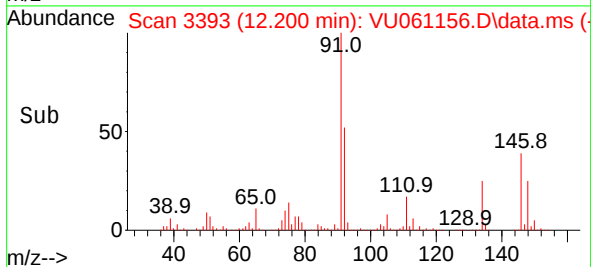
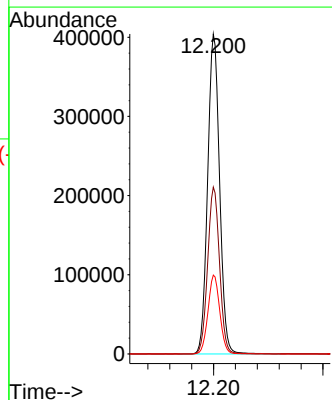
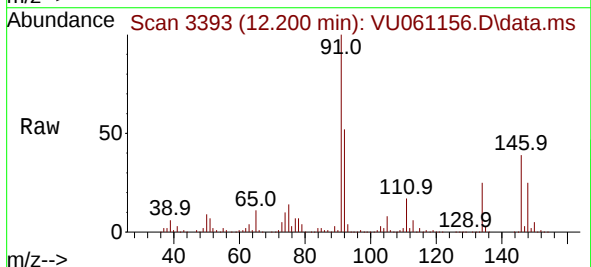
Tgt Ion: 91 Resp: 610936

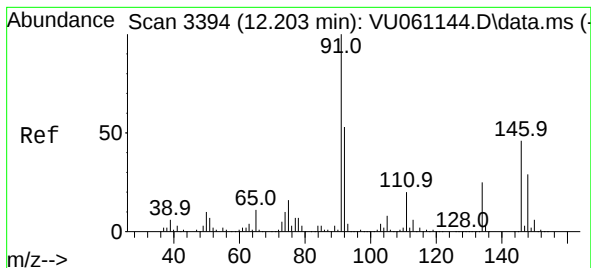
Ion Ratio Lower Upper

91 100

92 51.8 41.8 62.8

134 24.4 19.7 29.5





#85

1,2-Dichlorobenzene

Concen: 11.390 ug/l

RT: 12.206 min Scan# 3394

Delta R.T. 0.003 min

Lab File: VU061156.D

Acq: 18 Oct 2024 10:26

Instrument :

MSVOA_U

ClientSampleId :

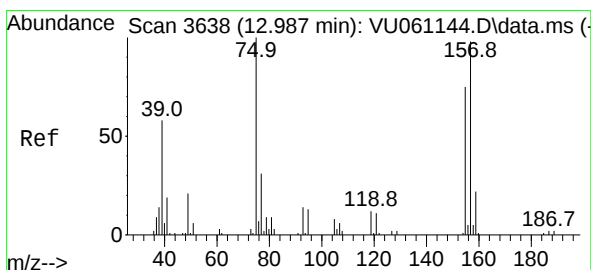
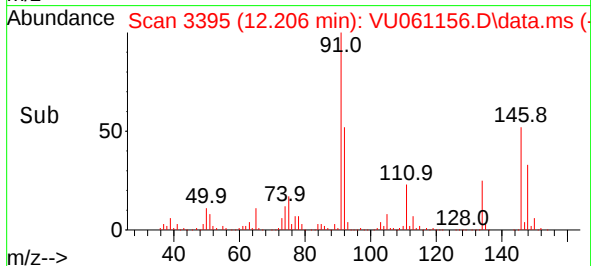
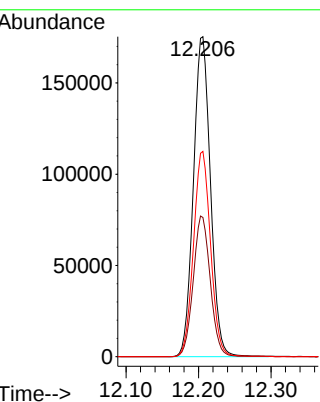
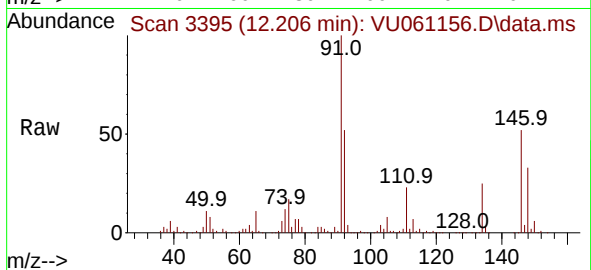
Tgt Ion:146 Resp: 286459

Ion Ratio Lower Upper

146 100

111 44.0 21.9 65.7

148 64.4 31.9 95.5



#86

1,2-Dibromo-3-Chloropropane

Concen: 12.069 ug/l

RT: 12.987 min Scan# 3638

Delta R.T. -0.000 min

Lab File: VU061156.D

Acq: 18 Oct 2024 10:26

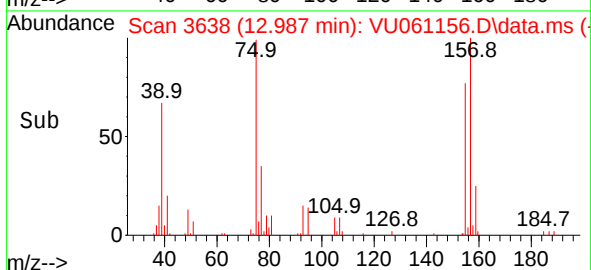
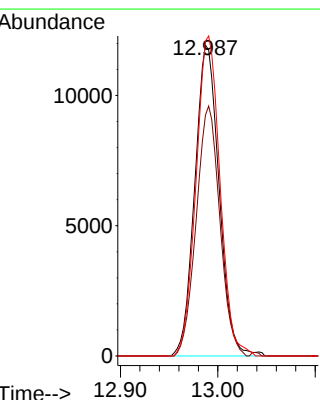
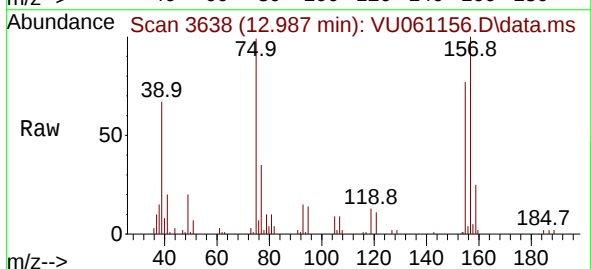
Tgt Ion: 75 Resp: 20665

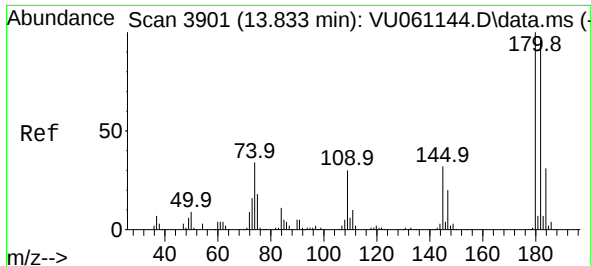
Ion Ratio Lower Upper

75 100

155 78.3 61.4 92.0

157 101.7 78.5 117.7





#87

1,2,4-Trichlorobenzene

Concen: 12.173 ug/l

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

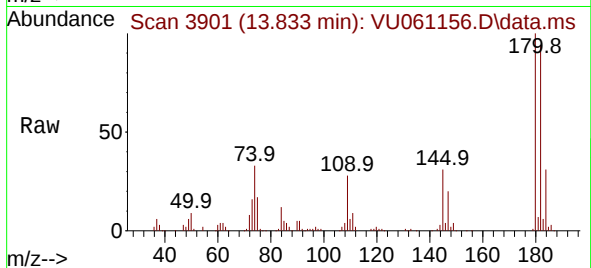
Lab File: VU061156.D

Acq: 18 Oct 2024 10:26

Instrument :

MSVOA_U

ClientSampleId :



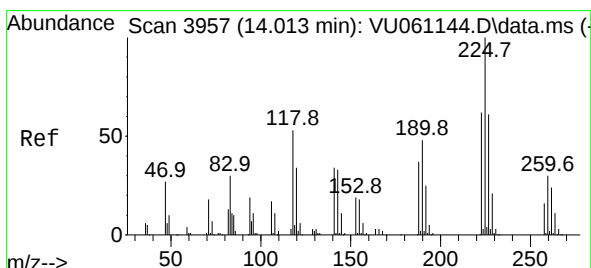
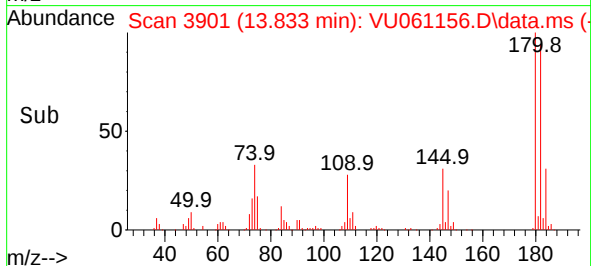
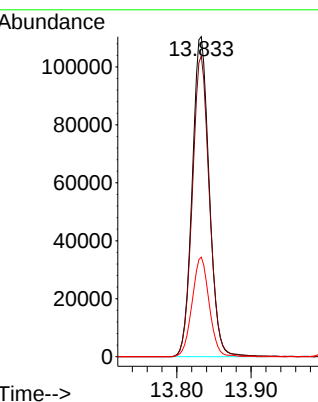
Tgt Ion:180 Resp: 175093

Ion Ratio Lower Upper

180 100

182 94.3 77.0 115.6

145 31.3 25.7 38.5



#88

Hexachlorobutadiene

Concen: 11.483 ug/l

RT: 14.013 min Scan# 3957

Delta R.T. -0.000 min

Lab File: VU061156.D

Acq: 18 Oct 2024 10:26

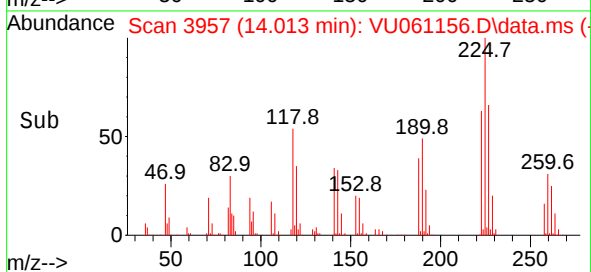
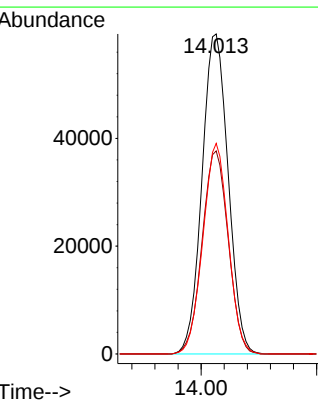
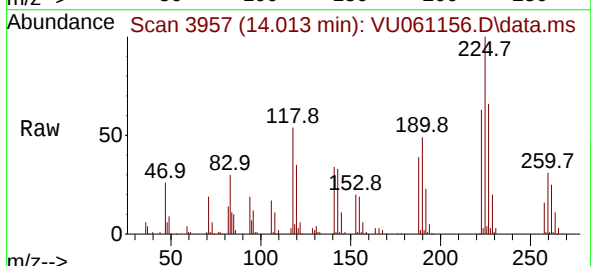
Tgt Ion:225 Resp: 93396

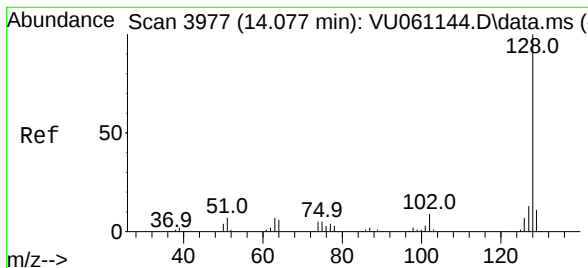
Ion Ratio Lower Upper

225 100

223 63.4 51.4 77.2

227 63.9 50.3 75.5





#89

Naphthalene

Concen: 12.238 ug/l

RT: 14.077 min Scan# 3977

Delta R.T. -0.000 min

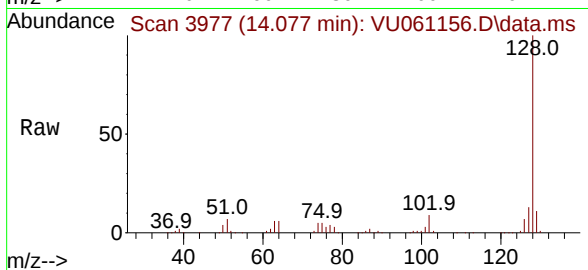
Lab File: VU061156.D

Acq: 18 Oct 2024 10:26

Instrument :

MSVOA_U

ClientSampleId :



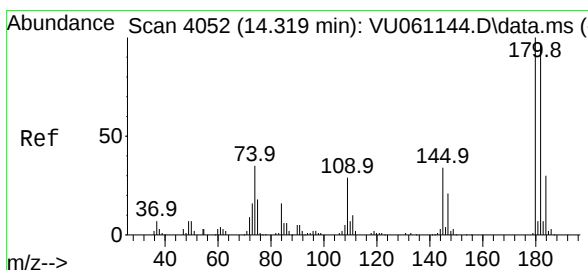
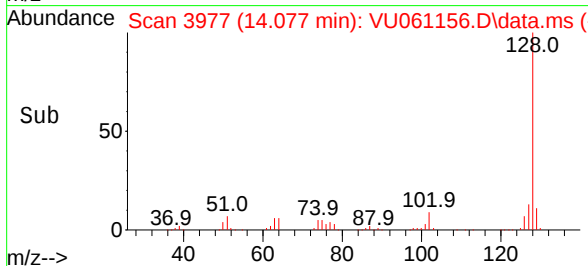
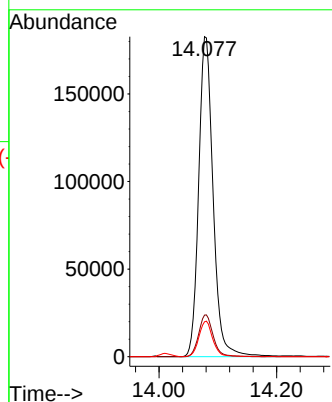
Tgt Ion:128 Resp: 310641

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

129 10.8 8.7 13.1



#90

1,2,3-Trichlorobenzene

Concen: 11.903 ug/l

RT: 14.322 min Scan# 4053

Delta R.T. 0.003 min

Lab File: VU061156.D

Acq: 18 Oct 2024 10:26

Tgt Ion:180 Resp: 153812

Ion Ratio Lower Upper

180 100

182 93.4 76.2 114.4

145 33.4 26.8 40.2

