

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021025\
 Data File : VU063223.D
 Acq On : 10 Feb 2025 15:06
 Operator : MD/SY
 Sample : VSTDICCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 11 04:00:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021025DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Feb 11 03:56:39 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.103	96	57821	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.624	95	20703	1.085	ug/l	0.00
Spiked Amount 1.000			Recovery	=	109.000%	
68) 1,2-Dichlorobenzene-d4	12.184	152	19878	1.002	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.377	85	176288	9.384	ug/l	100
3) Chloromethane	1.515	50	203794	9.420	ug/l	100
4) Vinyl Chloride	1.599	62	211768	9.893	ug/l	100
5) Bromomethane	1.843	94	110441	11.156	ug/l	100
6) Chloroethane	1.924	64	128364	9.521	ug/l	100
7) Trichlorofluoromethane	2.129	101	244670	9.646	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.570	101	133515	9.273	ug/l	100
9) 1,1-Dichloroethene	2.567	96	143583	9.788	ug/l	100
10) Iodomethane	2.708	142	234351	10.162	ug/l	100
11) Allyl Chloride	2.911	41	211288	10.026	ug/l	100
12) Acrylonitrile	3.300	53	74970	22.485	ug/l	100
13) Acetone	2.612	43	136864	52.606	ug/l	100
14) Carbon Disulfide	2.782	76	497871	9.707	ug/l	100
15) Methylene Chloride	3.030	84	175770	9.699	ug/l	100
16) trans-1,2-Dichloroethene	3.338	96	166021	9.916	ug/l	100
17) 1,1-Dichloroethane	3.853	63	311213	9.862	ug/l	100
18) 2-Butanone	4.685	43	227157	54.048	ug/l	100
19) Cyclohexane	5.377	56	230826	9.103	ug/l	89
20) Methylcyclohexane	6.753	83	259112	10.304	ug/l	100
21) 2,2-Dichloropropane	4.647	77	241757	9.820	ug/l	100
22) cis-1,2-Dichloroethene	4.650	96	182447	10.086	ug/l	100
23) Diethyl Ether	2.364	59	125036	9.933	ug/l	100
24) tert-Butyl Alcohol	3.158	59	136525	106.650	ug/l	100
25) Methyl tert-Butyl Ether	3.348	73	388982	10.617	ug/l	100
26) Bromochloromethane	4.959	128	78959	9.986	ug/l	100
27) Chloroform	5.071	83	315662	9.912	ug/l	100
28) 1,1,1-Trichloroethane	5.303	97	255321	9.897	ug/l	100
29) 1,1-Dichloropropene	5.512	75	235647	10.198	ug/l	100
30) Carbon Tetrachloride	5.512	117	218368	9.870	ug/l	100
31) Isopropyl Ether	3.975	45	470393	10.441	ug/l	100
32) Ethyl-t-butyl ether	4.483	59	436320	10.649	ug/l	100
33) Tert-Amyl methyl ether	5.927	73	397764	11.111	ug/l	100
34) Propionitrile	4.753	54	71557	54.918	ug/l	100
35) Benzene	5.759	78	712587	10.030	ug/l	100
36) 1,2-Dichloroethane	5.779	62	205344	10.014	ug/l	100
37) Trichloroethene	6.531	130	168312	9.962	ug/l	100
38) 1,2-Dichloropropane	6.779	63	188716	10.148	ug/l	100
39) Methacrylonitrile	4.959	41	56424	12.123	ug/l	100
40) Methyl acrylate	4.833	55	95663	11.258	ug/l	100
41) Tetrahydrofuran	5.039	42	59516	21.760	ug/l	100
42) 1-Chlorobutane	5.444	56	326490	10.327	ug/l	100
43) Dibromomethane	6.904	93	94106	9.994	ug/l	100
44) Bromodichloromethane	7.094	83	225813	10.303	ug/l	100

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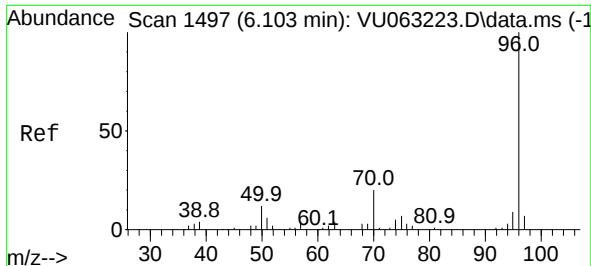
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021025DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.775	43	568881	57.627	ug/l	100
46) t-1,4-Dichloro-2-butene	10.814	75	230638	47.215	ug/l #	54
47) Methyl methacrylate	6.949	69	186394	23.502	ug/l	100
48) Ethyl methacrylate	8.322	69	181630	12.196	ug/l	100
49) Toluene	7.959	92	430442	10.535	ug/l	100
50) t-1,3-Dichloropropene	8.200	75	221262	11.027	ug/l	100
51) cis-1,3-Dichloropropene	7.595	75	265202	10.700	ug/l	100
52) 1,1,2-Trichloroethane	8.389	97	131655	10.370	ug/l	100
53) 1,3-Dichloropropane	8.563	76	234008	10.382	ug/l	100
54) 2-Hexanone	8.672	43	392522	58.266	ug/l	100
55) Dibromochloromethane	8.798	129	154464	10.575	ug/l	100
56) 1,2-Dibromoethane	8.914	107	126673	10.638	ug/l	100
58) Tetrachloroethene	8.544	164	135324	9.719	ug/l	100
59) Chlorobenzene	9.438	112	443950	10.297	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.521	131	158424	10.222	ug/l	100
61) Pentachloroethane	11.415	117	139274	10.060	ug/l	100
62) Hexachloroethane	12.467	117	128179	10.465	ug/l	100
63) Ethyl Benzene	9.560	91	811424	10.912	ug/l	100
64) m/p-Xylenes	9.682	106	619391	22.300	ug/l	100
65) o-Xylene	10.090	106	297309	10.934	ug/l	100
66) Styrene	10.103	104	495181	11.443	ug/l	100
67) Bromoform	10.280	173	90220	10.883	ug/l	100
69) Isopropylbenzene	10.473	105	700805	10.963	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.772	83	179045	10.464	ug/l	100
71) 1,2,3-Trichloropropane	10.814	75	230638	17.775	ug/l #	72
72) Bromobenzene	10.772	156	181776	10.554	ug/l	100
73) n-propylbenzene	10.894	120	204779	11.189	ug/l	100
74) 2-Chlorotoluene	10.975	126	182649	10.829	ug/l	100
75) 1,3,5-Trimethylbenzene	11.077	105	664048	11.211	ug/l	100
76) 4-Chlorotoluene	11.087	126	185864	10.745	ug/l	100
77) tert-Butylbenzene	11.409	119	646436	10.791	ug/l	100
78) 1,2,4-Trimethylbenzene	11.457	105	668930	11.382	ug/l	100
79) sec-Butylbenzene	11.634	105	833792	10.932	ug/l	100
80) Nitrobenzene	13.203	77	25795	50.821	ug/l	100
81) p-Isopropyltoluene	11.782	119	675304	11.219	ug/l	100
82) 1,3-Dichlorobenzene	11.737	146	344574	10.314	ug/l	100
83) 1,4-Dichlorobenzene	11.827	146	347616	10.638	ug/l	100
84) n-Butylbenzene	12.200	91	603657	11.122	ug/l	100
85) 1,2-Dichlorobenzene	12.203	146	332012	10.342	ug/l	100
86) 1,2-Dibromo-3-Chloropr...	12.987	75	28133	11.713	ug/l	100
87) 1,2,4-Trichlorobenzene	13.830	180	177895	11.361	ug/l	100
88) Hexachlorobutadiene	14.013	225	105064	9.389	ug/l	100
89) Naphthalene	14.077	128	321601	9.843	ug/l	100
90) 1,2,3-Trichlorobenzene	14.322	180	174986	11.421	ug/l	100

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

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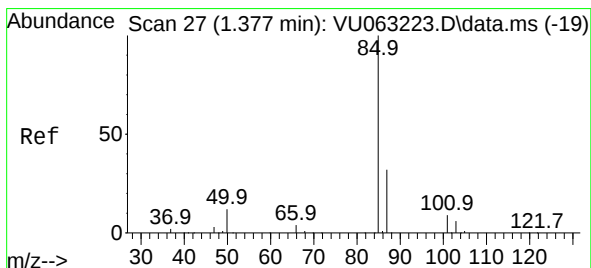
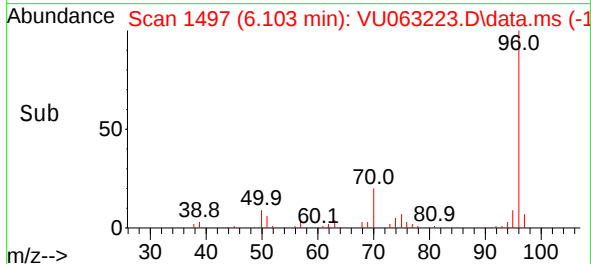
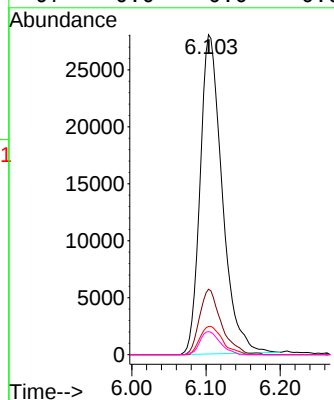
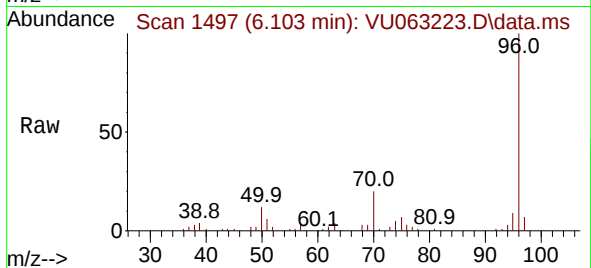




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.103 min Scan# 1497
Delta R.T. 0.000 min
Lab File: VU063223.D
Acq: 10 Feb 2025 15:06

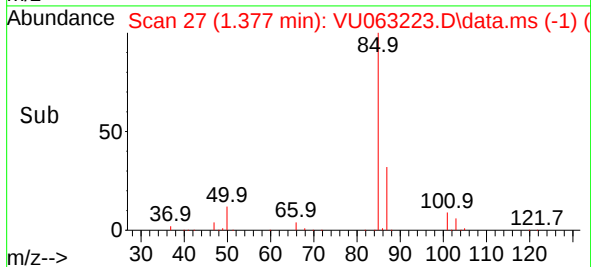
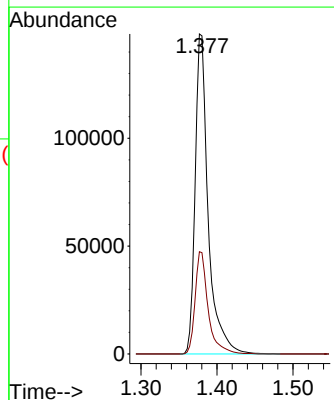
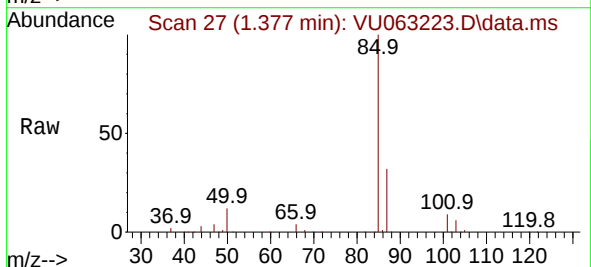
Instrument :
MSVOA_U
ClientSampleId :

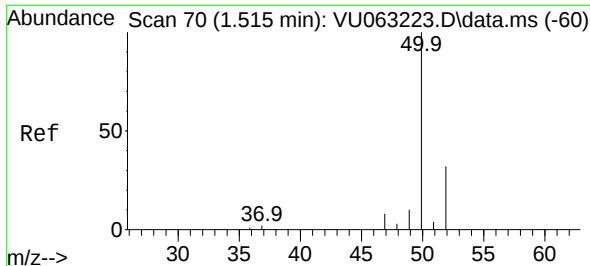
Tgt Ion:	96	Resp:	57821
Ion Ratio	Lower	Upper	
96	100		
70	19.5	15.6	23.4
95	9.1	7.3	10.9
97	0.0	0.0	0.0



#2
Dichlorodifluoromethane
Concen: 9.384 ug/l
RT: 1.377 min Scan# 27
Delta R.T. 0.000 min
Lab File: VU063223.D
Acq: 10 Feb 2025 15:06

Tgt Ion:	85	Resp:	176288
Ion Ratio	Lower	Upper	
85	100		
87	32.0	16.0	48.0





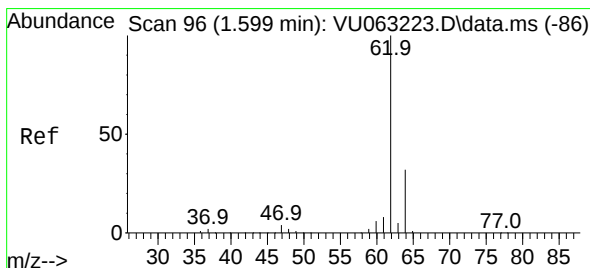
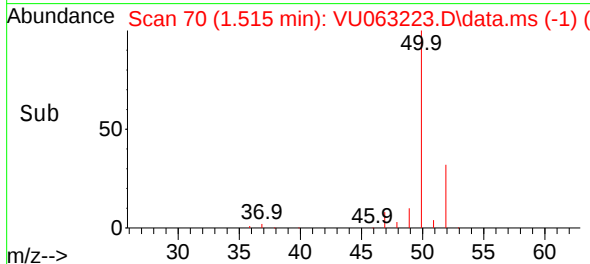
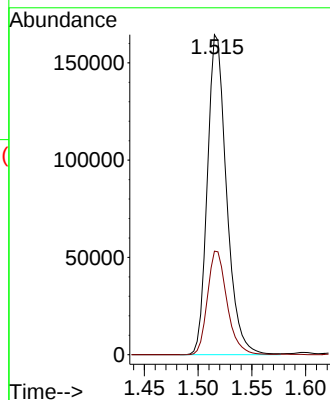
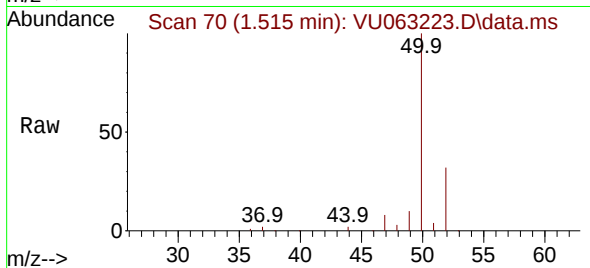
#3
Chloromethane
Concen: 9.420 ug/l
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU063223.D
Acq: 10 Feb 2025 15:06

Instrument :

MSVOA_U

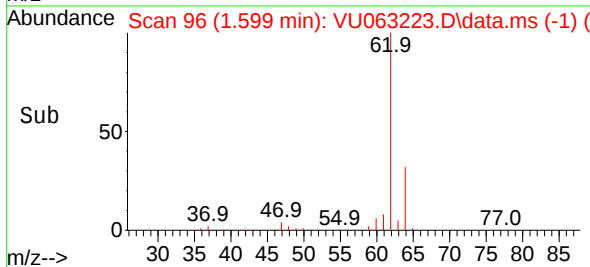
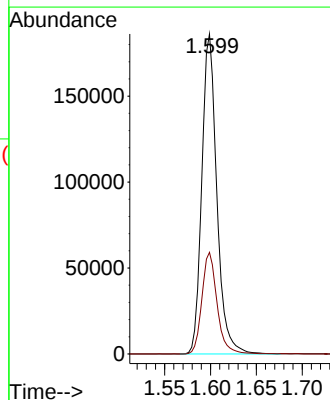
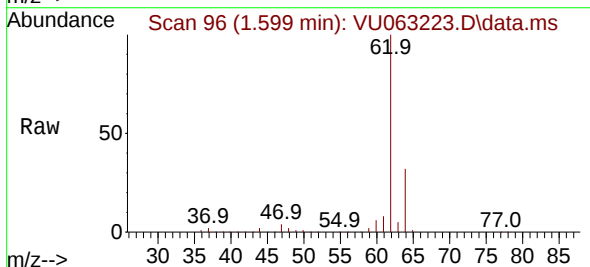
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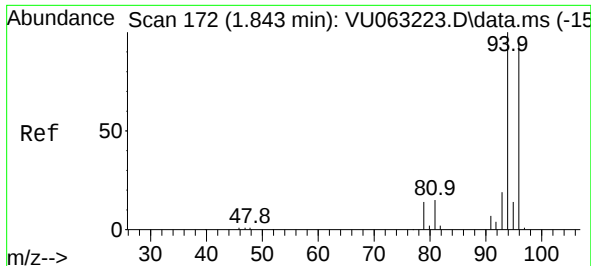
Tgt Ion: 50 Resp: 203794
Ion Ratio Lower Upper
50 100
52 32.3 25.8 38.8



#4
Vinyl Chloride
Concen: 9.893 ug/l
RT: 1.599 min Scan# 96
Delta R.T. 0.000 min
Lab File: VU063223.D
Acq: 10 Feb 2025 15:06

Tgt Ion: 62 Resp: 211768
Ion Ratio Lower Upper
62 100
64 31.7 25.4 38.0

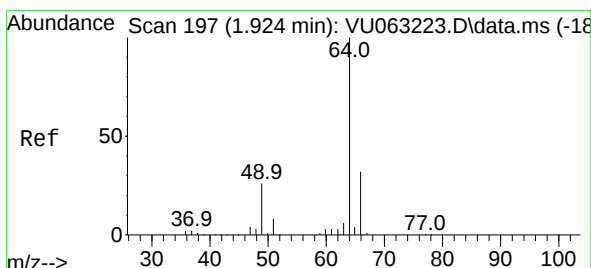
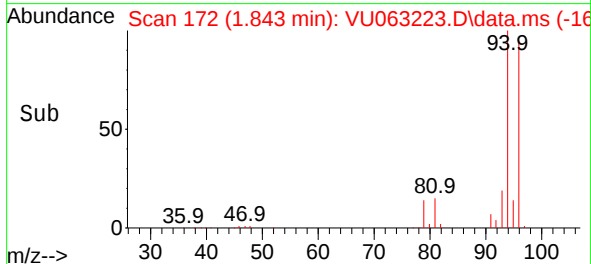
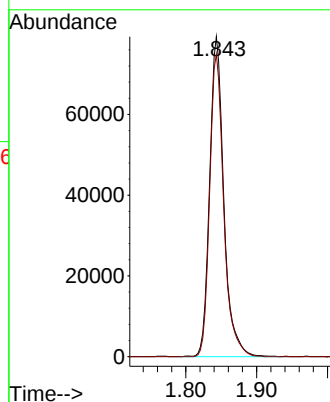
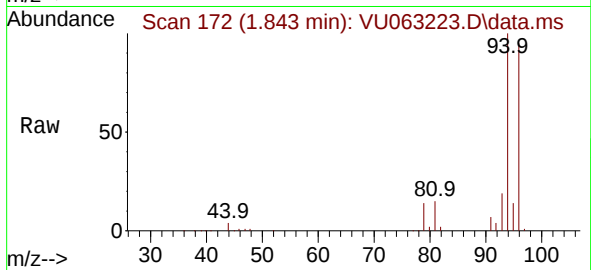




#5
Bromomethane
Concen: 11.156 ug/l
RT: 1.843 min Scan# 172
Delta R.T. 0.000 min
Lab File: VU063223.D
Acq: 10 Feb 2025 15:06

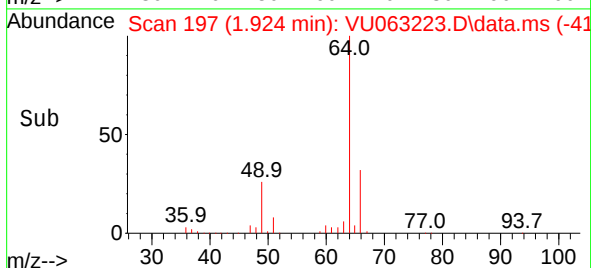
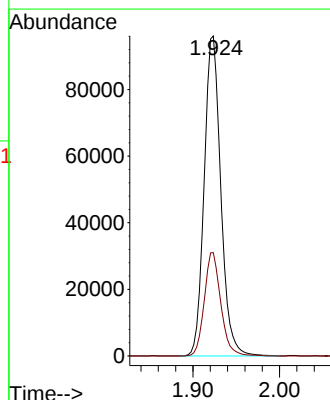
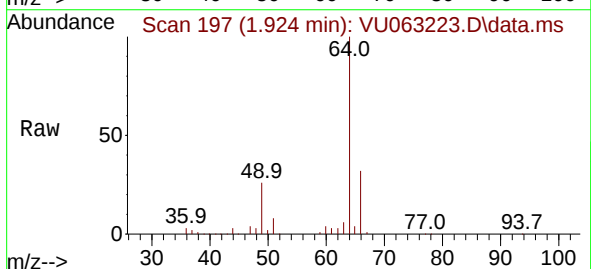
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MSVOA_U
ClientSampleId :

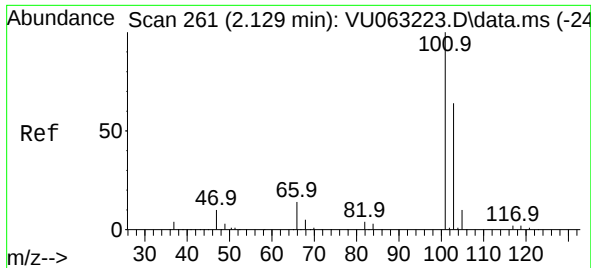
Tgt Ion: 94 Resp: 110441
Ion Ratio Lower Upper
94 100
96 94.6 75.7 113.5



#6
Chloroethane
Concen: 9.521 ug/l
RT: 1.924 min Scan# 197
Delta R.T. 0.000 min
Lab File: VU063223.D
Acq: 10 Feb 2025 15:06

Tgt Ion: 64 Resp: 128364
Ion Ratio Lower Upper
64 100
66 32.3 25.8 38.8

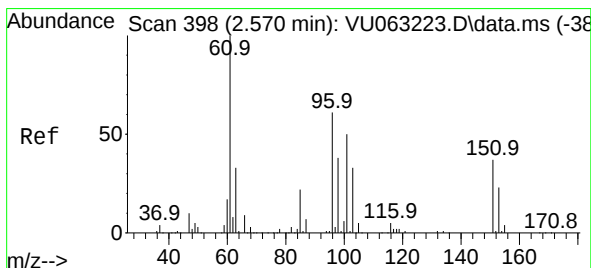
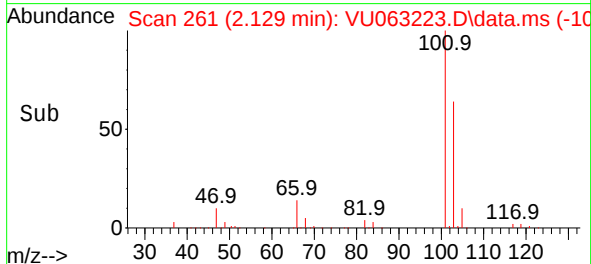
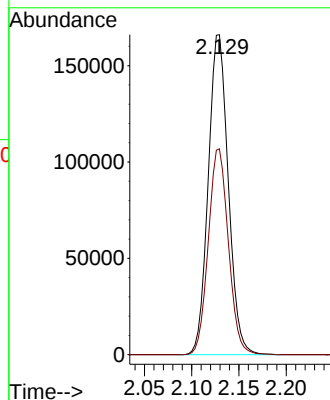
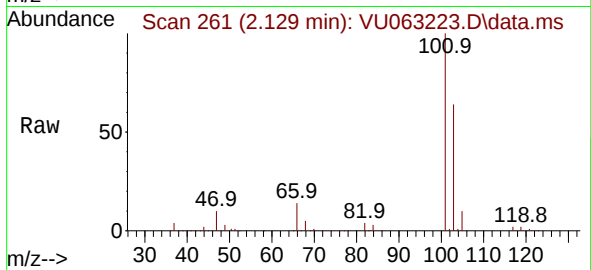




#7
 Trichlorofluoromethane
 Concen: 9.646 ug/l
 RT: 2.129 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VU063223.D
 Acq: 10 Feb 2025 15:06

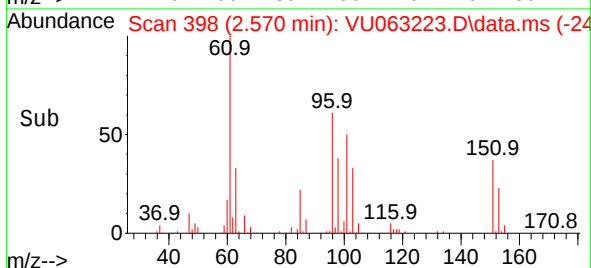
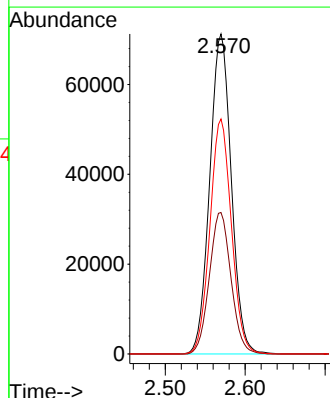
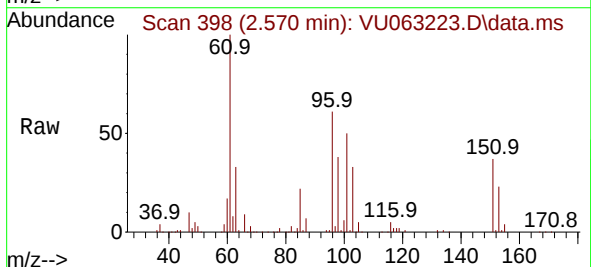
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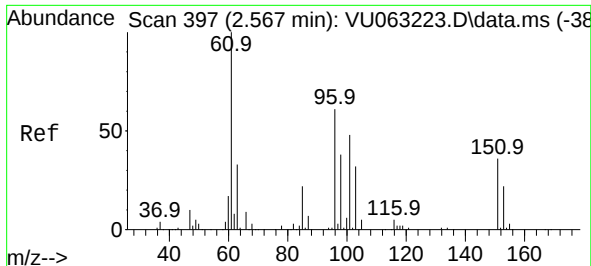
Tgt Ion:101 Resp: 244670
 Ion Ratio Lower Upper
 101 100
 103 64.3 51.4 77.2



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 9.273 ug/l
 RT: 2.570 min Scan# 398
 Delta R.T. 0.000 min
 Lab File: VU063223.D
 Acq: 10 Feb 2025 15:06

Tgt Ion:101 Resp: 133515
 Ion Ratio Lower Upper
 101 100
 85 44.2 35.4 53.0
 151 73.1 58.5 87.7





#9

1,1-Dichloroethene

Concen: 9.788 ug/l

RT: 2.567 min Scan# 397

Delta R.T. 0.000 min

Lab File: VU063223.D

Acq: 10 Feb 2025 15:06

Instrument :

MSVOA_U

ClientSampleId :

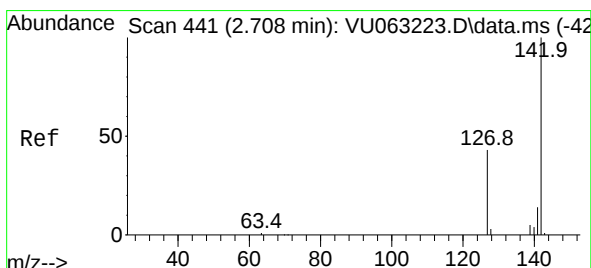
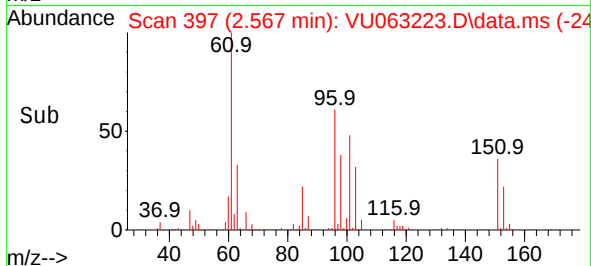
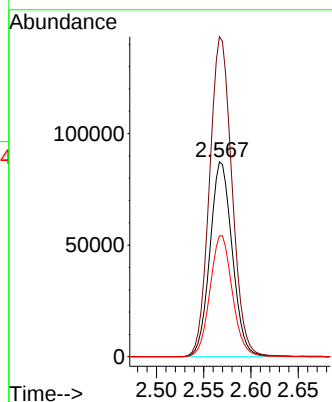
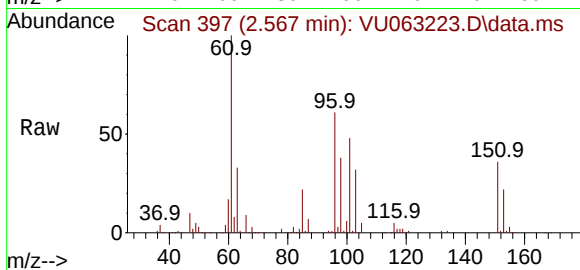
Tgt Ion: 96 Resp: 143583

Ion Ratio Lower Upper

96 100

61 164.3 0.0 492.9

98 62.0 0.0 124.0



#10

Iodomethane

Concen: 10.162 ug/l

RT: 2.708 min Scan# 441

Delta R.T. 0.000 min

Lab File: VU063223.D

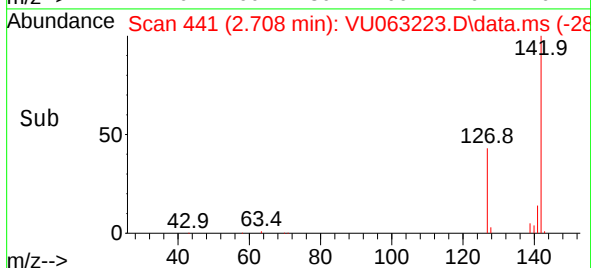
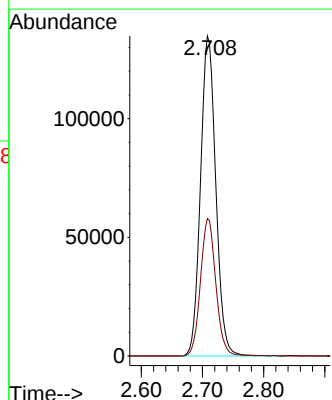
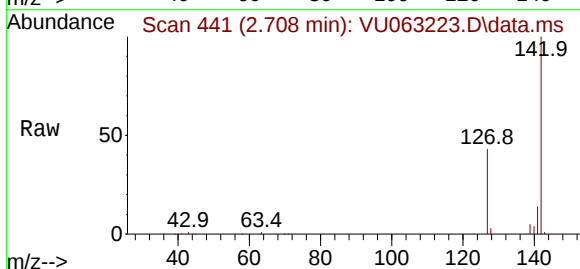
Acq: 10 Feb 2025 15:06

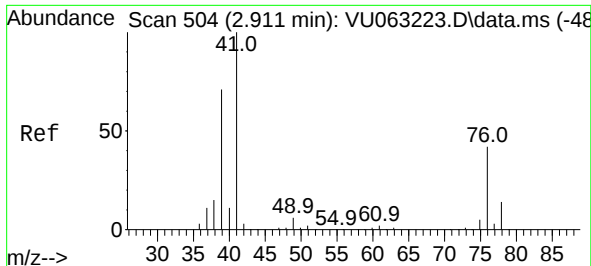
Tgt Ion:142 Resp: 234351

Ion Ratio Lower Upper

142 100

127 43.1 34.5 51.7





#11

Allyl Chloride

Concen: 10.026 ug/l

RT: 2.911 min Scan# 504

Delta R.T. 0.000 min

Lab File: VU063223.D

Acq: 10 Feb 2025 15:06

Instrument :

MSVOA_U

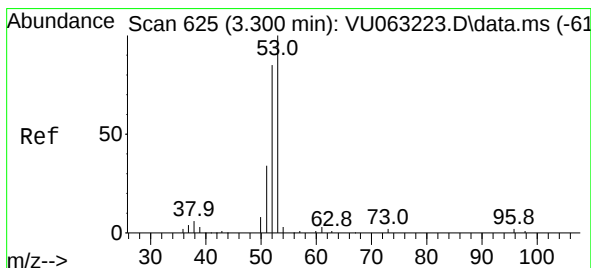
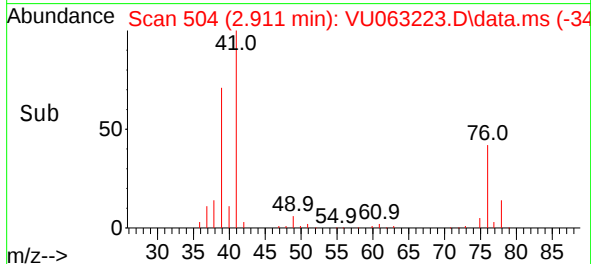
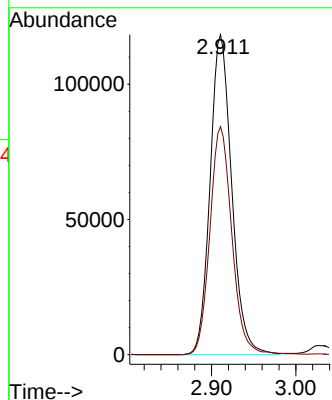
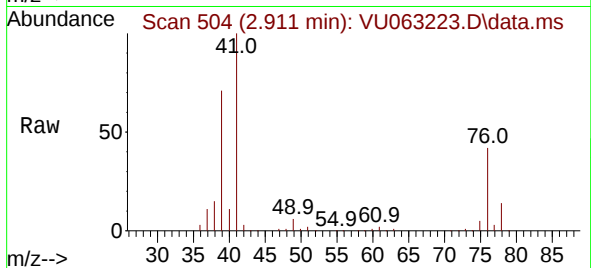
ClientSampleId :

Tgt Ion: 41 Resp: 211288

Ion Ratio Lower Upper

41 100

39 72.4 57.9 86.9



#12

Acrylonitrile

Concen: 22.485 ug/l

RT: 3.300 min Scan# 625

Delta R.T. 0.000 min

Lab File: VU063223.D

Acq: 10 Feb 2025 15:06

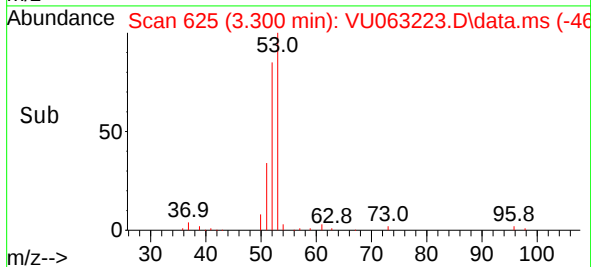
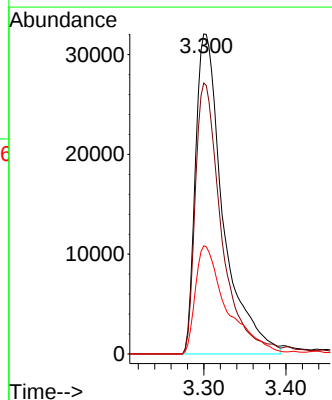
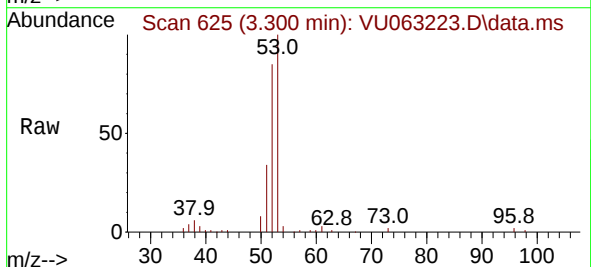
Tgt Ion: 53 Resp: 74970

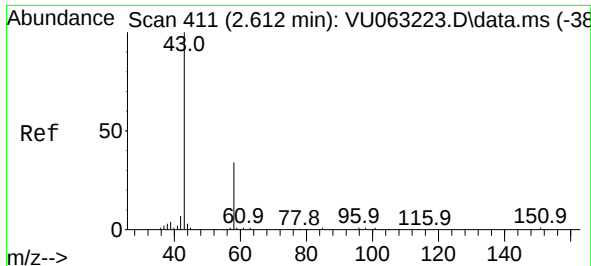
Ion Ratio Lower Upper

53 100

52 80.2 64.2 96.2

51 38.5 30.8 46.2





#13

Acetone

Concen: 52.606 ug/l

RT: 2.612 min Scan# 411

Delta R.T. 0.000 min

Lab File: VU063223.D

Acq: 10 Feb 2025 15:06

Instrument :

MSVOA_U

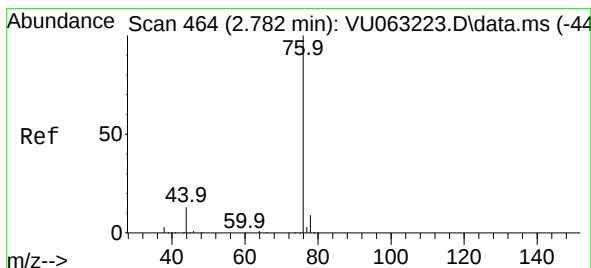
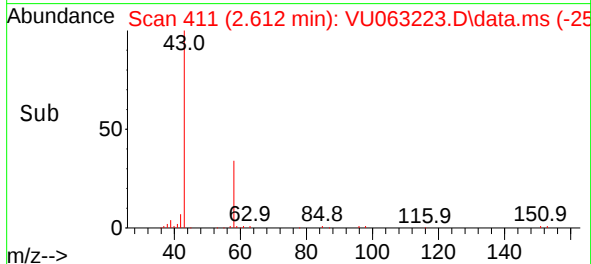
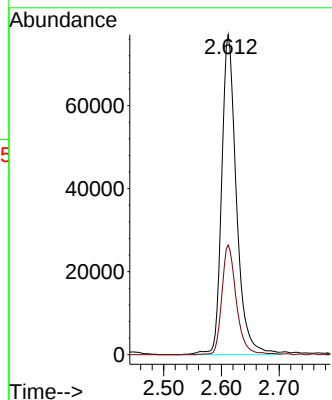
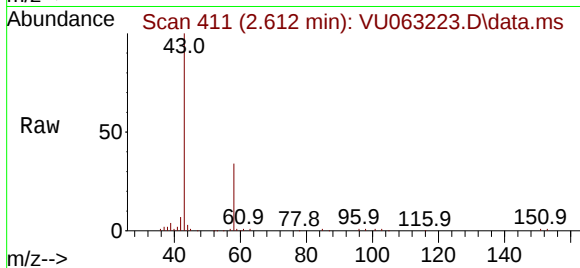
ClientSampleId :

Tgt Ion: 43 Resp: 136864

Ion Ratio Lower Upper

43 100

58 34.2 27.4 41.0



#14

Carbon Disulfide

Concen: 9.707 ug/l

RT: 2.782 min Scan# 464

Delta R.T. 0.000 min

Lab File: VU063223.D

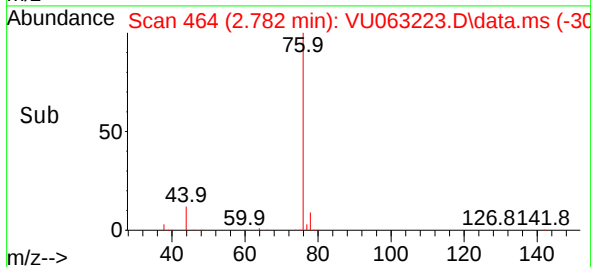
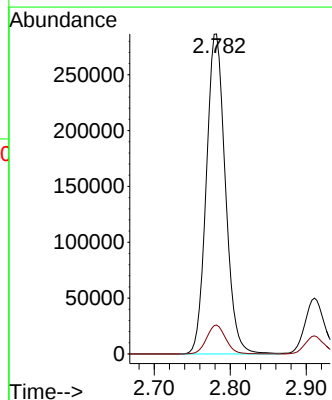
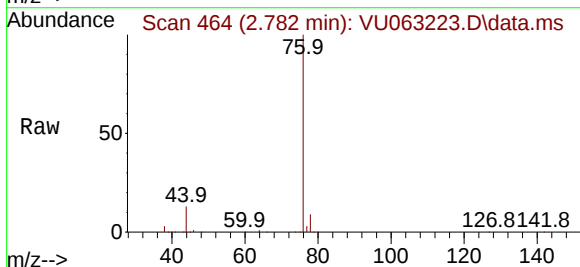
Acq: 10 Feb 2025 15:06

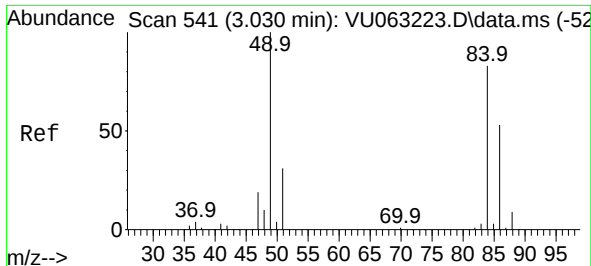
Tgt Ion: 76 Resp: 497871

Ion Ratio Lower Upper

76 100

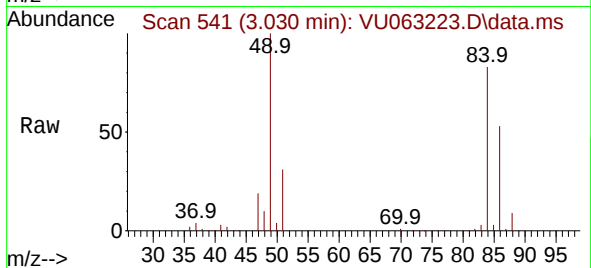
78 9.0 7.2 10.8



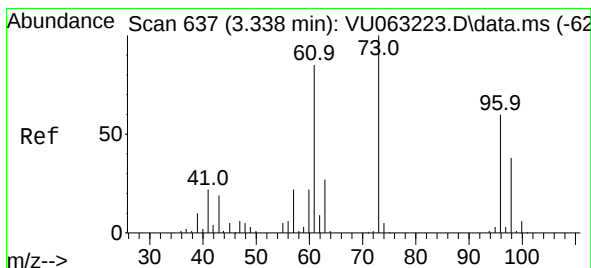
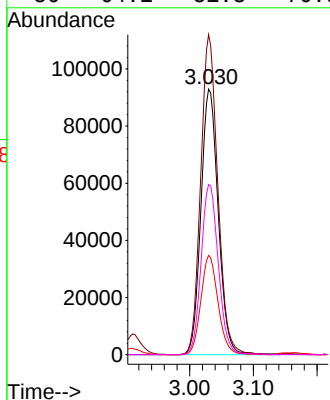
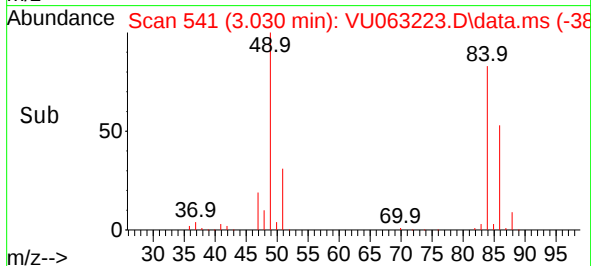


#15
Methylene Chloride
Concen: 9.699 ug/l
RT: 3.030 min Scan# 541
Delta R.T. 0.000 min
Lab File: VU063223.D
Acq: 10 Feb 2025 15:06

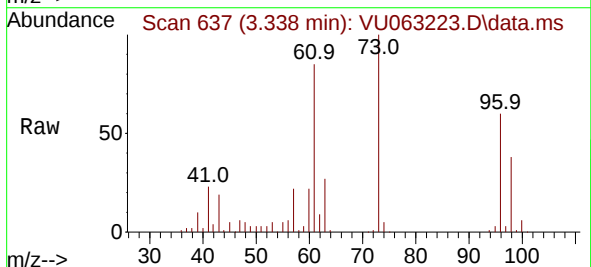
Instrument :
MSVOA_U
ClientSampleId :



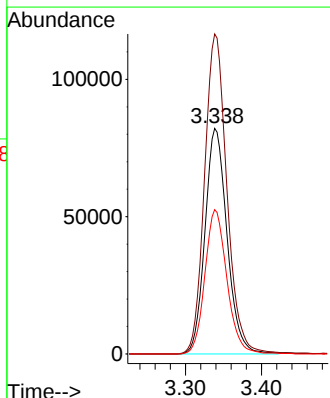
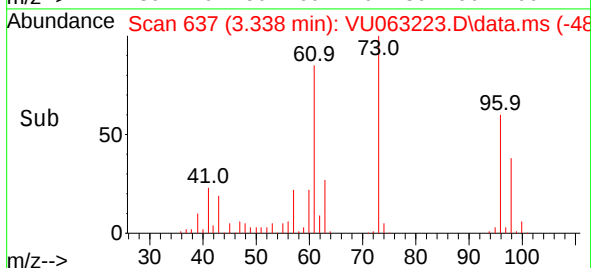
Tgt Ion: 84 Resp: 175770
Ion Ratio Lower Upper
84 100
49 120.5 96.4 144.6
51 37.4 0.0 74.8
86 64.1 51.3 76.9

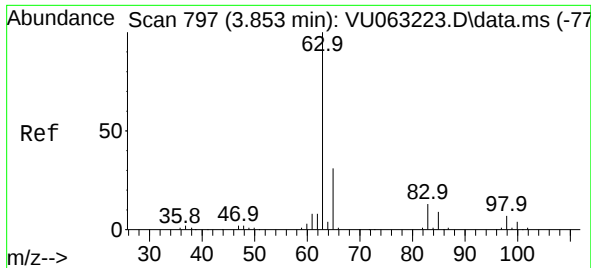


#16
trans-1,2-Dichloroethene
Concen: 9.916 ug/l
RT: 3.338 min Scan# 637
Delta R.T. 0.000 min
Lab File: VU063223.D
Acq: 10 Feb 2025 15:06



Tgt Ion: 96 Resp: 166021
Ion Ratio Lower Upper
96 100
61 141.8 113.4 170.2
98 64.0 51.2 76.8

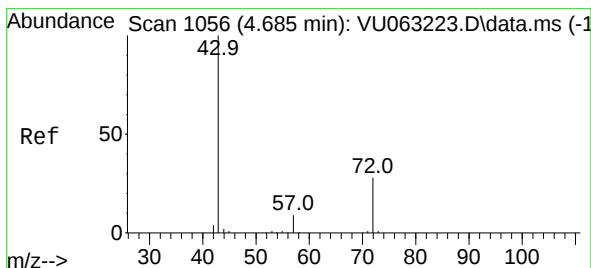
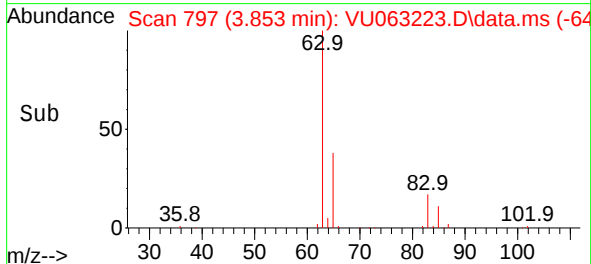
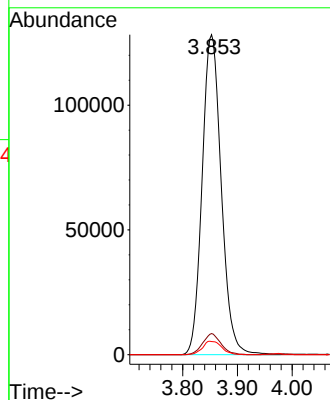
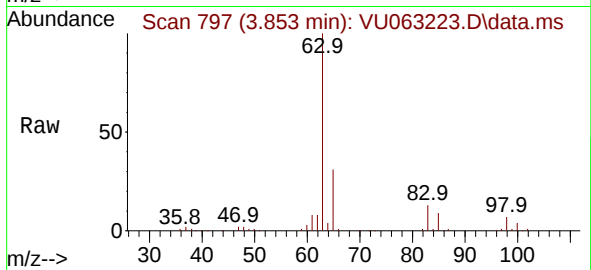




#17
1,1-Dichloroethane
Concen: 9.862 ug/l
RT: 3.853 min Scan# 797
Delta R.T. 0.000 min
Lab File: VU063223.D
Acq: 10 Feb 2025 15:06

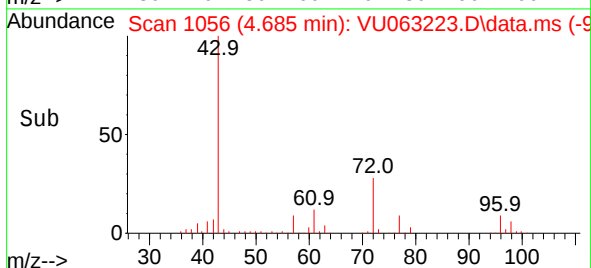
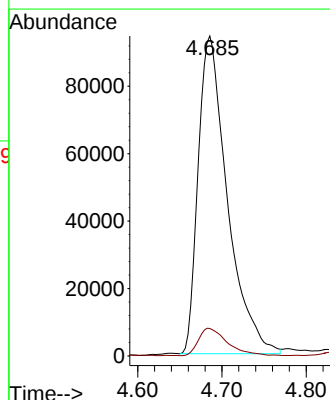
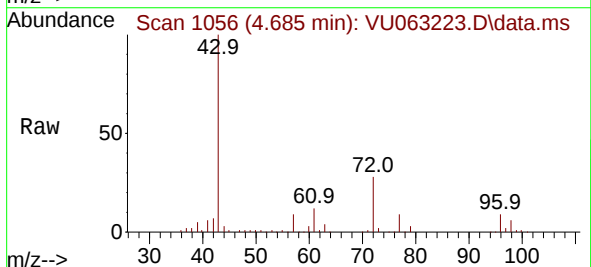
Instrument :
MSVOA_U
ClientSampleId :

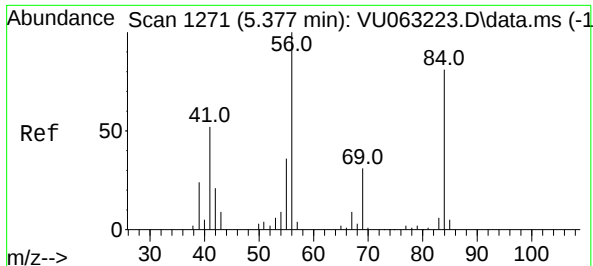
Tgt Ion: 63 Resp: 311213
Ion Ratio Lower Upper
63 100
98 6.6 3.3 9.9
100 4.1 2.1 6.2



#18
2-Butanone
Concen: 54.048 ug/l
RT: 4.685 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VU063223.D
Acq: 10 Feb 2025 15:06

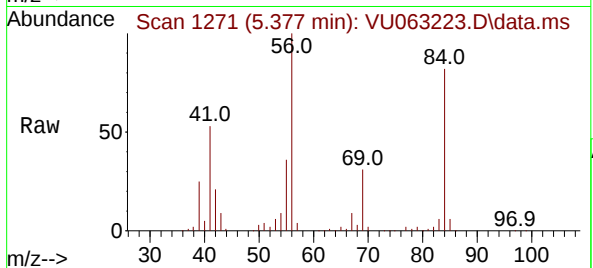
Tgt Ion: 43 Resp: 227157
Ion Ratio Lower Upper
43 100
57 8.5 0.0 17.0



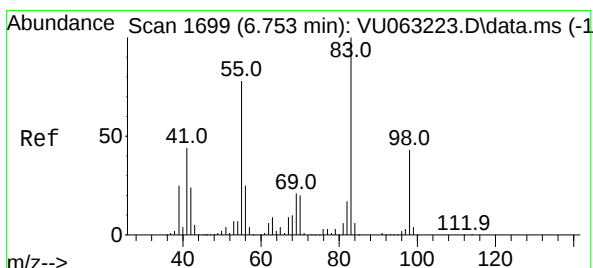
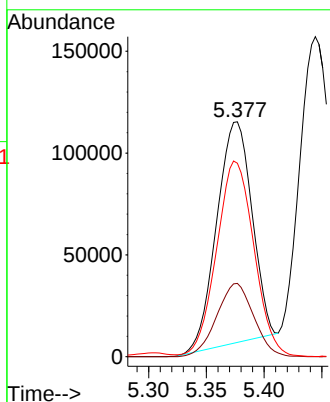
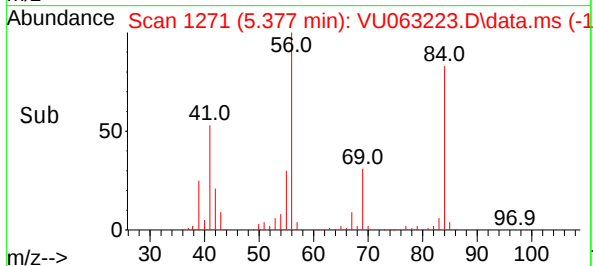


#19
Cyclohexane
Concen: 9.103 ug/l
RT: 5.377 min Scan# 1271
Delta R.T. 0.000 min
Lab File: VU063223.D
Acq: 10 Feb 2025 15:06

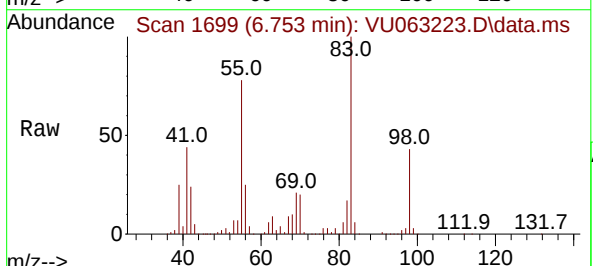
Instrument :
MSVOA_U
ClientSampleId :



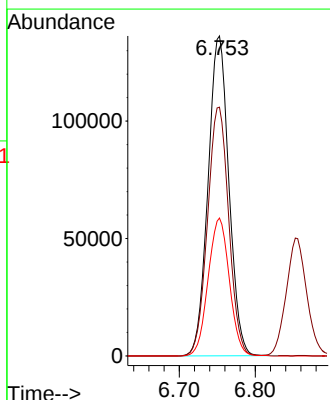
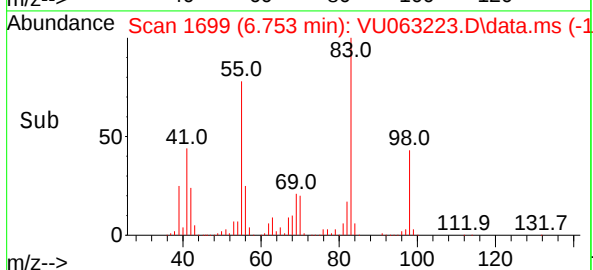
Tgt Ion: 56 Resp: 230826
Ion Ratio Lower Upper
56 100
69 34.8 24.5 36.7
84 92.6 65.2 97.8

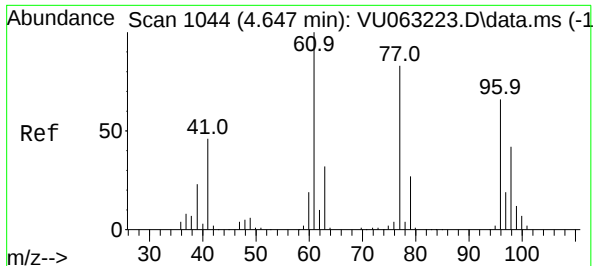


#20
Methylcyclohexane
Concen: 10.304 ug/l
RT: 6.753 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VU063223.D
Acq: 10 Feb 2025 15:06



Tgt Ion: 83 Resp: 259112
Ion Ratio Lower Upper
83 100
55 78.9 63.1 94.7
98 44.0 35.2 52.8

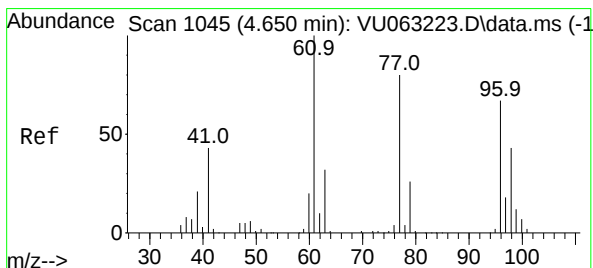
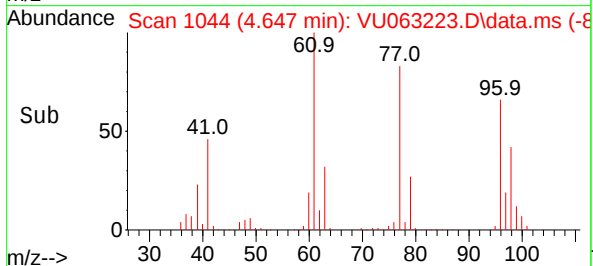
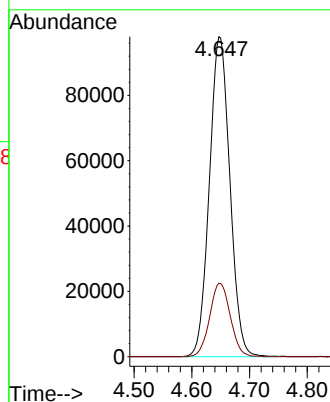
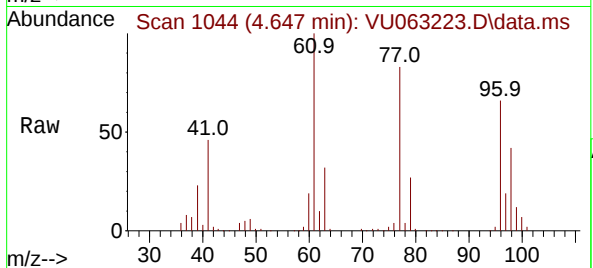




#21
2,2-Dichloropropane
Concen: 9.820 ug/l
RT: 4.647 min Scan# 1044
Delta R.T. 0.000 min
Lab File: VU063223.D
Acq: 10 Feb 2025 15:06

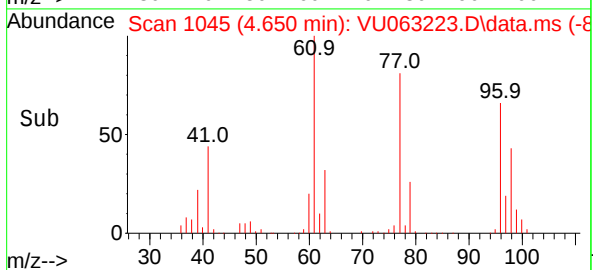
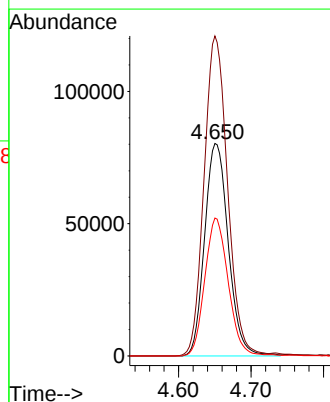
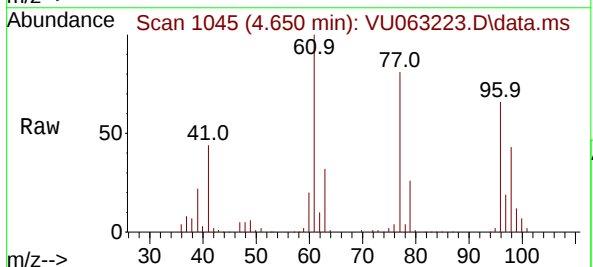
Instrument :
MSVOA_U
ClientSampleId :

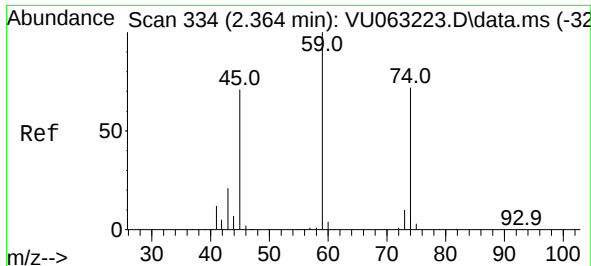
Tgt Ion: 77 Resp: 241757
Ion Ratio Lower Upper
77 100
97 23.1 18.5 27.7



#22
cis-1,2-Dichloroethene
Concen: 10.086 ug/l
RT: 4.650 min Scan# 1045
Delta R.T. 0.000 min
Lab File: VU063223.D
Acq: 10 Feb 2025 15:06

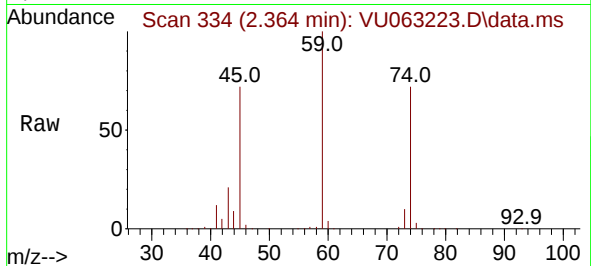
Tgt Ion: 96 Resp: 182447
Ion Ratio Lower Upper
96 100
61 149.3 0.0 373.3
98 63.9 31.9 95.9



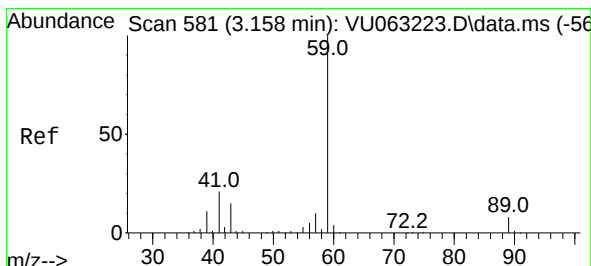
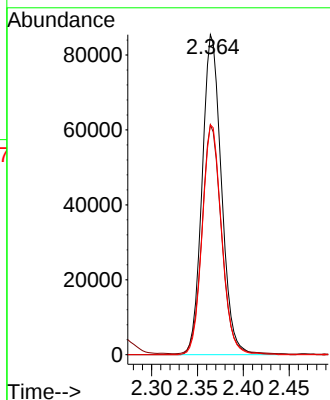
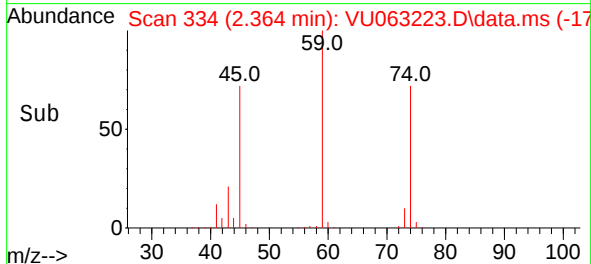


#23
Diethyl Ether
Concen: 9.933 ug/l
RT: 2.364 min Scan# 334
Delta R.T. 0.000 min
Lab File: VU063223.D
Acq: 10 Feb 2025 15:06

Instrument :
MSVOA_U
ClientSampleId :

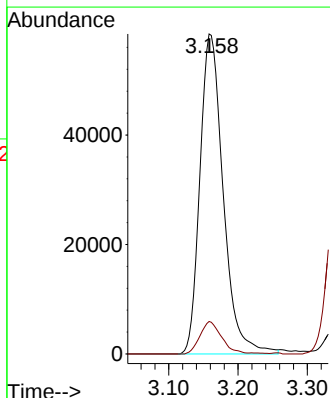
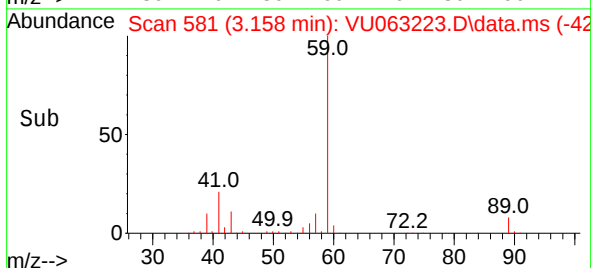
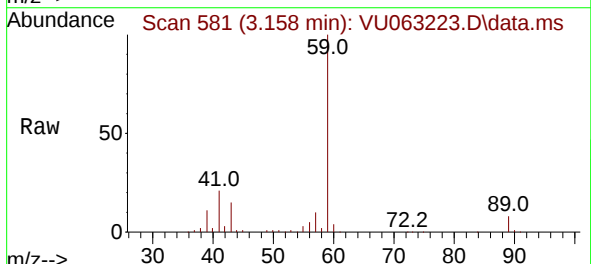


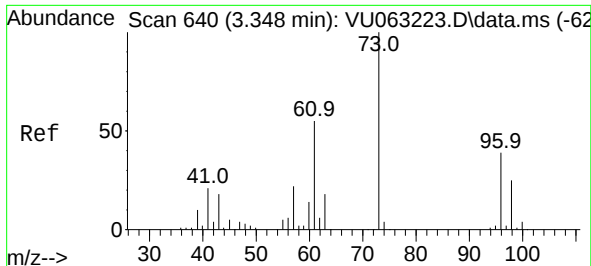
Tgt Ion: 59 Resp: 125036
Ion Ratio Lower Upper
59 100
45 72.2 57.8 86.6
74 72.1 57.7 86.5



#24
tert-Butyl Alcohol
Concen: 106.650 ug/l
RT: 3.158 min Scan# 581
Delta R.T. 0.000 min
Lab File: VU063223.D
Acq: 10 Feb 2025 15:06

Tgt Ion: 59 Resp: 136525
Ion Ratio Lower Upper
59 100
57 9.4 7.5 11.3

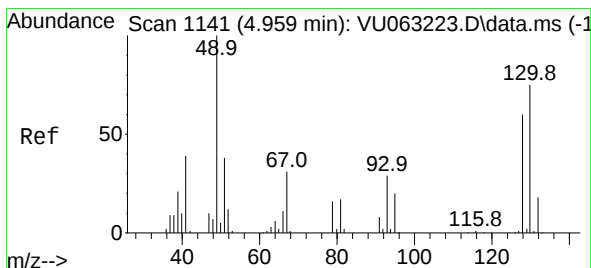
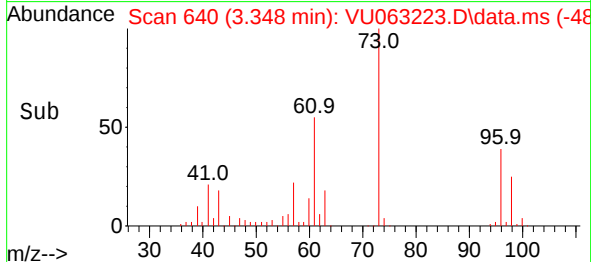
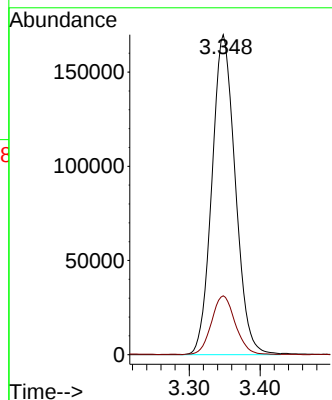
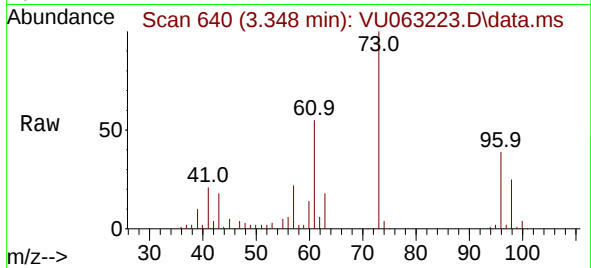




#25
Methyl tert-Butyl Ether
Concen: 10.617 ug/l
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU063223.D
Acq: 10 Feb 2025 15:06

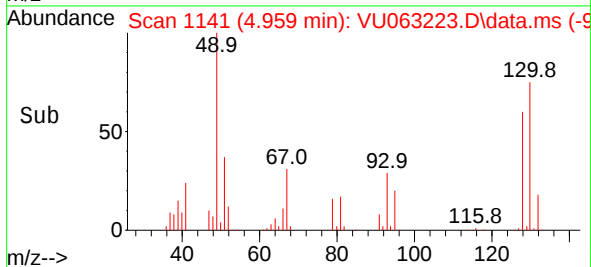
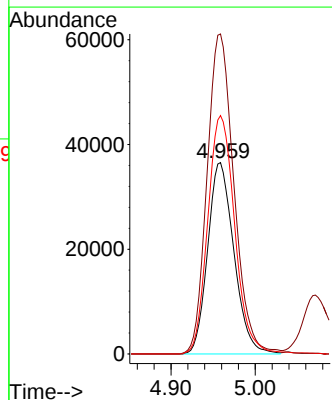
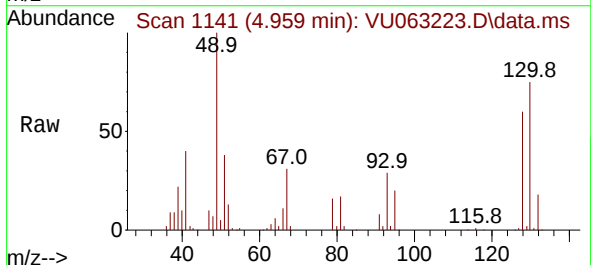
Instrument :
MSVOA_U
ClientSampleId :

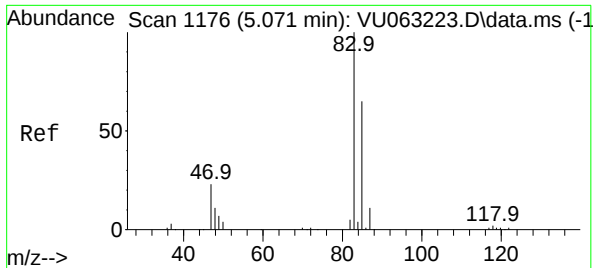
Tgt Ion: 73 Resp: 388982
Ion Ratio Lower Upper
73 100
43 18.6 14.9 22.3



#26
Bromochloromethane
Concen: 9.986 ug/l
RT: 4.959 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VU063223.D
Acq: 10 Feb 2025 15:06

Tgt Ion: 128 Resp: 78959
Ion Ratio Lower Upper
128 100
49 171.7 0.0 343.4
130 128.6 102.9 154.3

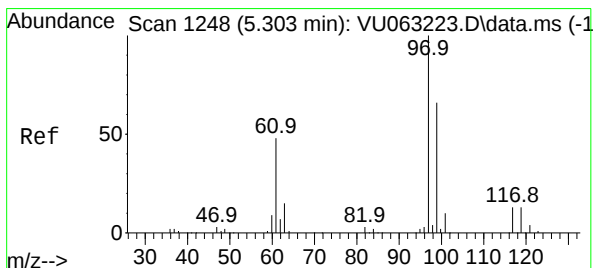
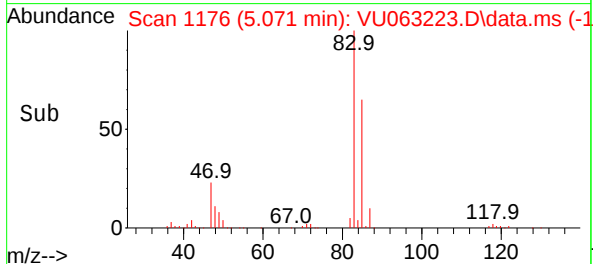
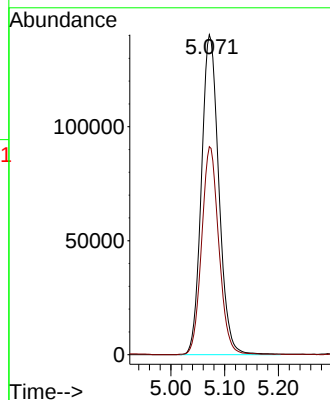
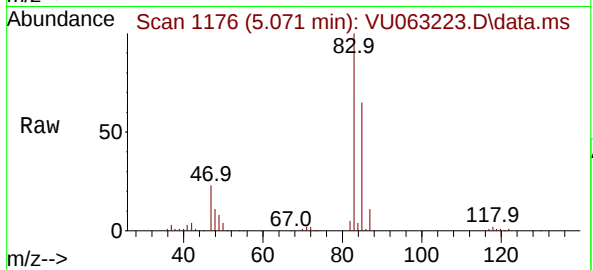




#27
Chloroform
Concen: 9.912 ug/l
RT: 5.071 min Scan# 1176
Delta R.T. 0.000 min
Lab File: VU063223.D
Acq: 10 Feb 2025 15:06

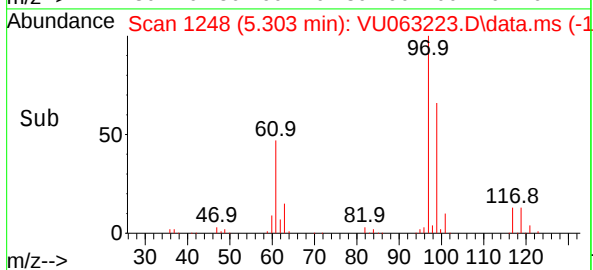
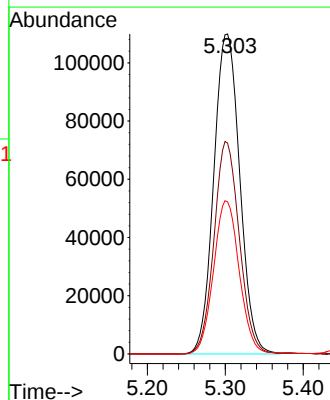
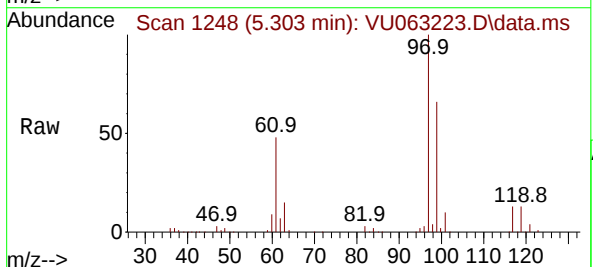
Instrument :
MSVOA_U
ClientSampleId :

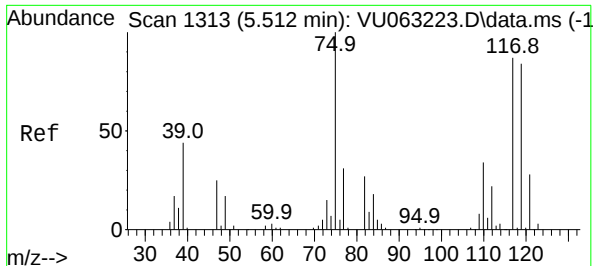
Tgt Ion: 83 Resp: 315662
Ion Ratio Lower Upper
83 100
85 64.9 0.0 129.8



#28
1,1,1-Trichloroethane
Concen: 9.897 ug/l
RT: 5.303 min Scan# 1248
Delta R.T. 0.000 min
Lab File: VU063223.D
Acq: 10 Feb 2025 15:06

Tgt Ion: 97 Resp: 255321
Ion Ratio Lower Upper
97 100
99 64.7 32.4 97.0
61 47.5 23.8 71.2

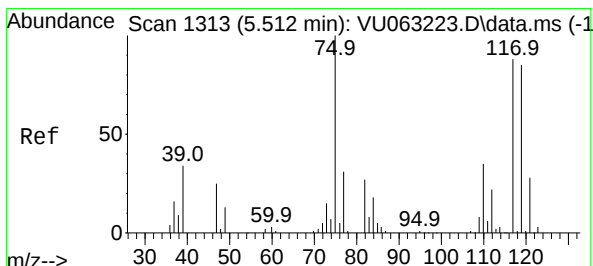
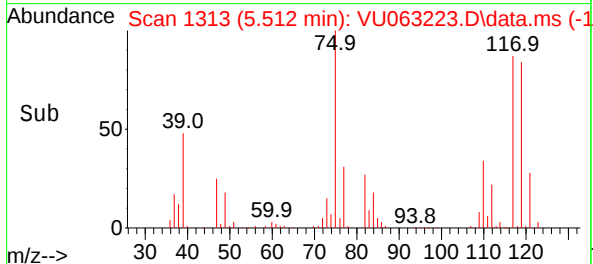
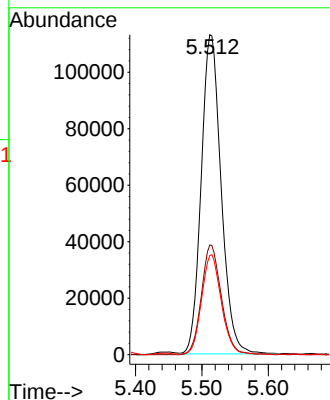
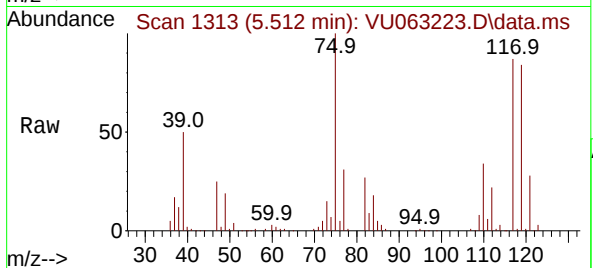




#29
1,1-Dichloropropene
Concen: 10.198 ug/l
RT: 5.512 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VU063223.D
Acq: 10 Feb 2025 15:06

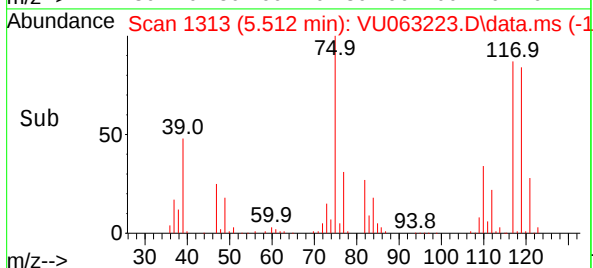
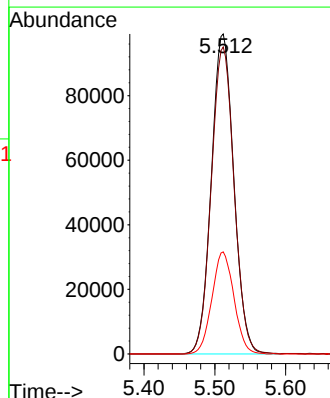
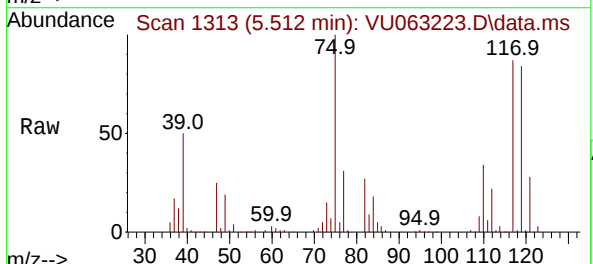
Instrument :
MSVOA_U
ClientSampleId :

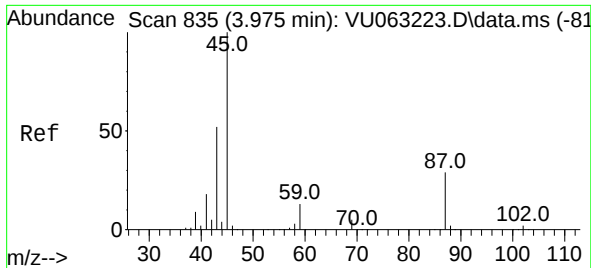
Tgt Ion: 75 Resp: 235647
Ion Ratio Lower Upper
75 100
110 34.3 17.2 51.5
77 30.8 24.6 37.0



#30
Carbon Tetrachloride
Concen: 9.870 ug/l
RT: 5.512 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VU063223.D
Acq: 10 Feb 2025 15:06

Tgt Ion:117 Resp: 218368
Ion Ratio Lower Upper
117 100
119 95.9 76.7 115.1
121 31.9 25.5 38.3

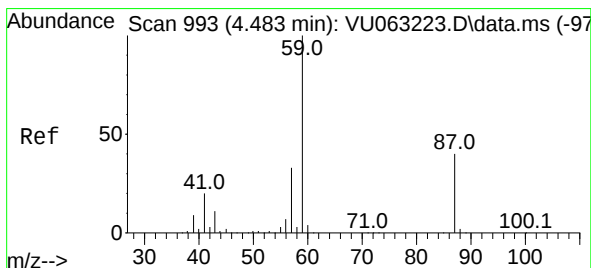
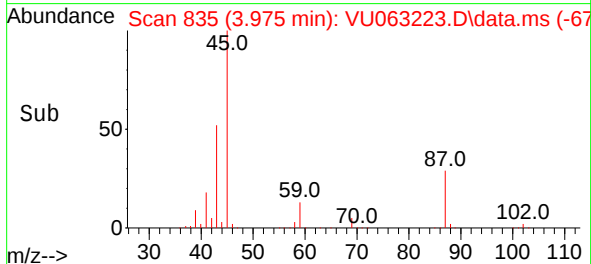
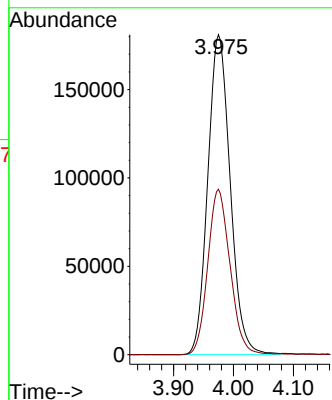
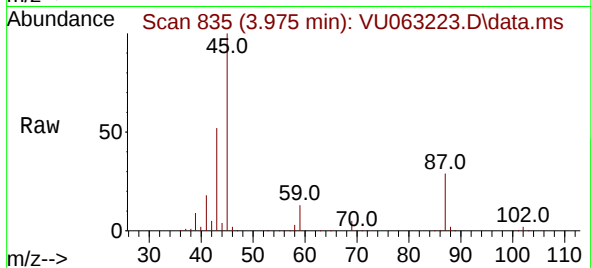




#31
Isopropyl Ether
Concen: 10.441 ug/l
RT: 3.975 min Scan# 835
Delta R.T. 0.000 min
Lab File: VU063223.D
Acq: 10 Feb 2025 15:06

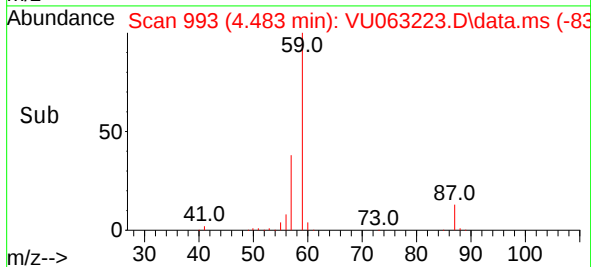
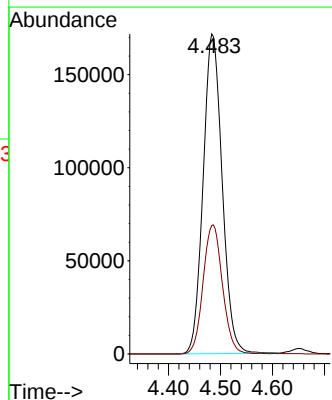
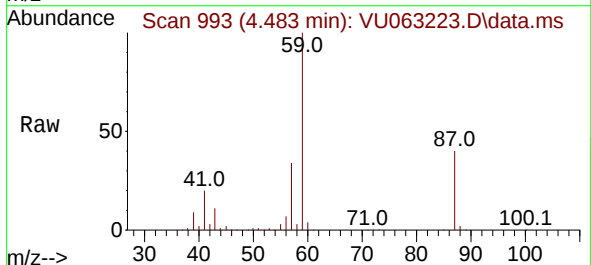
Instrument :
MSVOA_U
ClientSampleId :

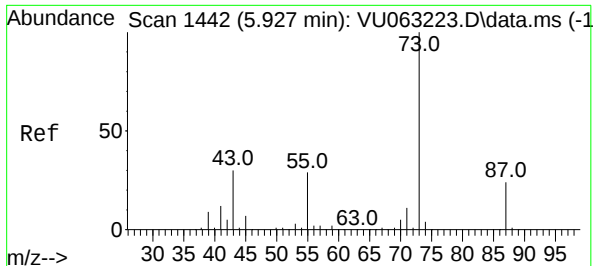
Tgt Ion: 45 Resp: 470393
Ion Ratio Lower Upper
45 100
43 51.4 25.7 77.1



#32
Ethyl-t-butyl ether
Concen: 10.649 ug/l
RT: 4.483 min Scan# 993
Delta R.T. 0.000 min
Lab File: VU063223.D
Acq: 10 Feb 2025 15:06

Tgt Ion: 59 Resp: 436320
Ion Ratio Lower Upper
59 100
87 40.8 32.6 49.0

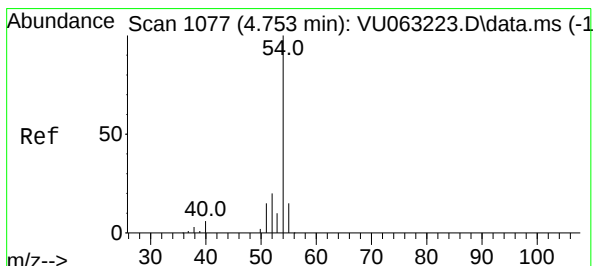
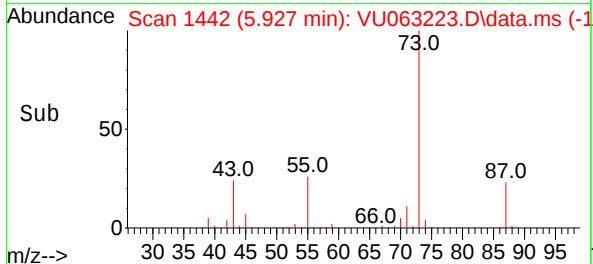
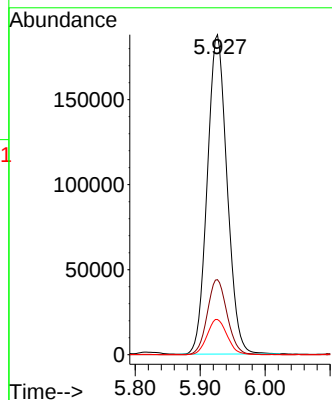
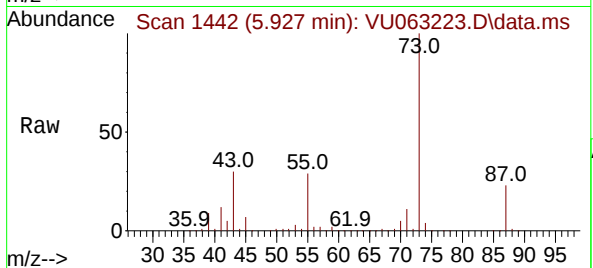




#33
Tert-Amyl methyl ether
Concen: 11.111 ug/l
RT: 5.927 min Scan# 1442
Delta R.T. 0.000 min
Lab File: VU063223.D
Acq: 10 Feb 2025 15:06

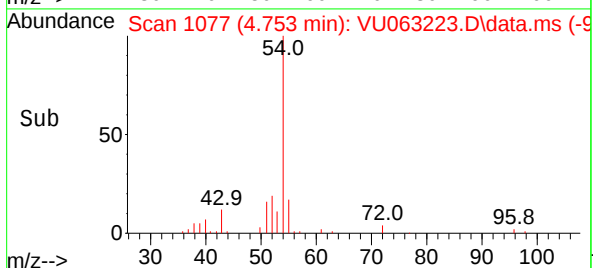
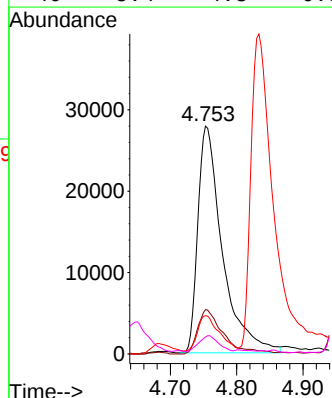
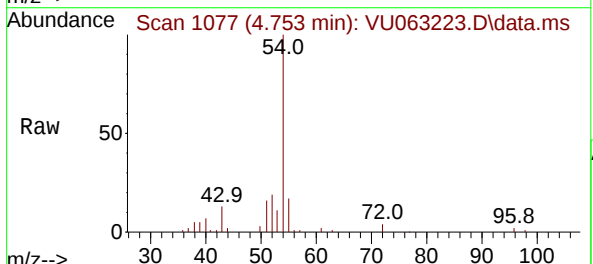
Instrument :
MSVOA_U
ClientSampleId :

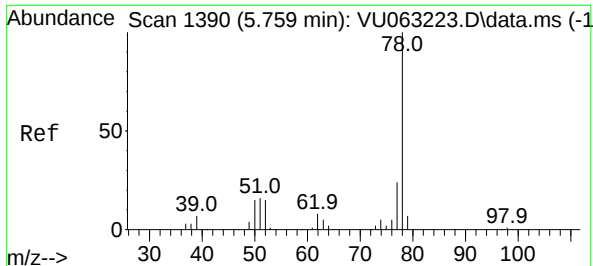
Tgt Ion: 73 Resp: 397764
Ion Ratio Lower Upper
73 100
87 23.6 18.9 28.3
71 11.2 9.0 13.4



#34
Propionitrile
Concen: 54.918 ug/l
RT: 4.753 min Scan# 1077
Delta R.T. 0.000 min
Lab File: VU063223.D
Acq: 10 Feb 2025 15:06

Tgt Ion: 54 Resp: 71557
Ion Ratio Lower Upper
54 100
52 20.4 16.3 24.5
55 14.7 11.8 17.6
40 5.4 4.3 6.5





#35

Benzene

Concen: 10.030 ug/l

RT: 5.759 min Scan# 1390

Delta R.T. 0.000 min

Lab File: VU063223.D

Acq: 10 Feb 2025 15:06

Instrument :

MSVOA_U

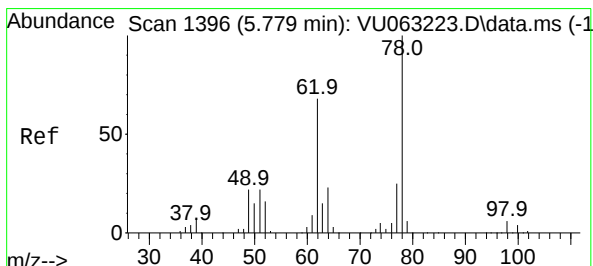
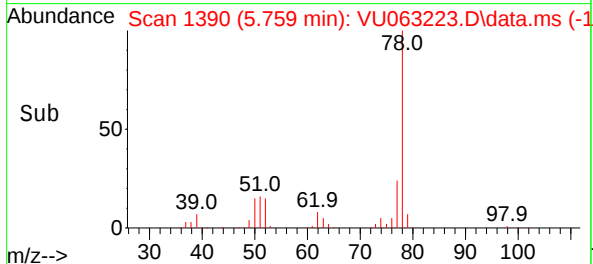
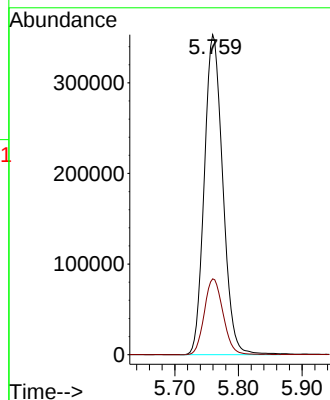
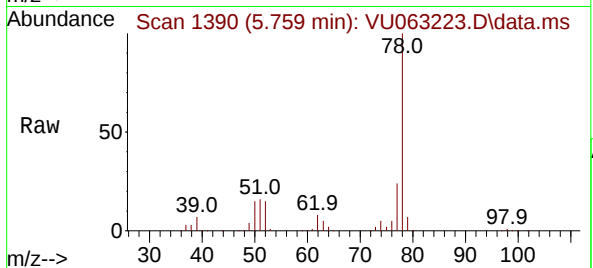
ClientSampleId :

Tgt Ion: 78 Resp: 712587

Ion Ratio Lower Upper

78 100

77 23.7 19.0 28.4



#36

1,2-Dichloroethane

Concen: 10.014 ug/l

RT: 5.779 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VU063223.D

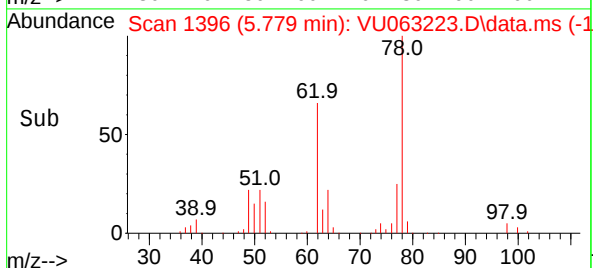
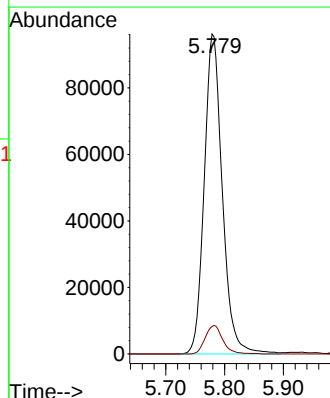
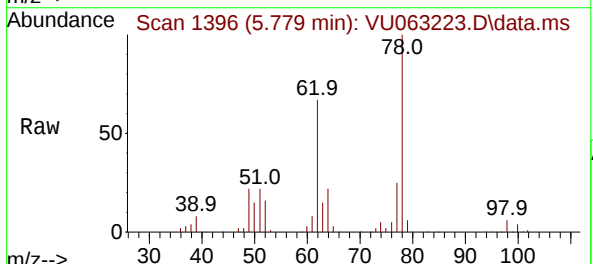
Acq: 10 Feb 2025 15:06

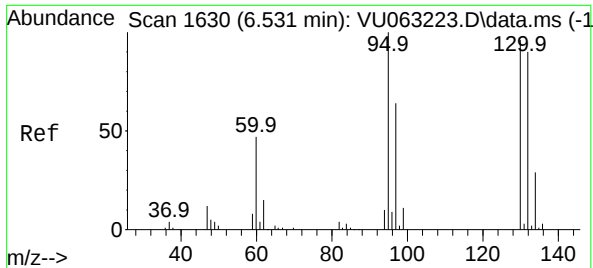
Tgt Ion: 62 Resp: 205344

Ion Ratio Lower Upper

62 100

98 8.6 6.9 10.3

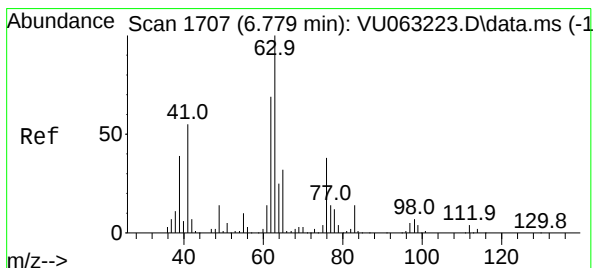
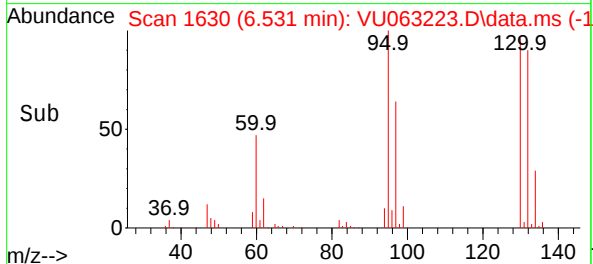
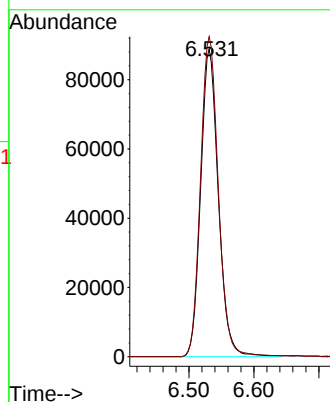
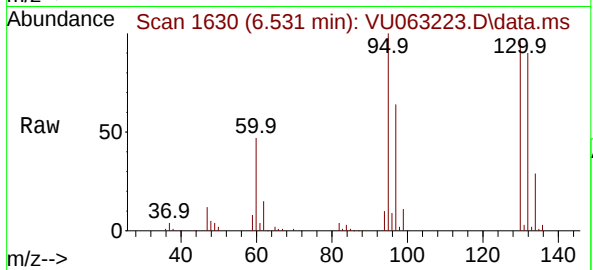




#37
Trichloroethene
Concen: 9.962 ug/l
RT: 6.531 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VU063223.D
Acq: 10 Feb 2025 15:06

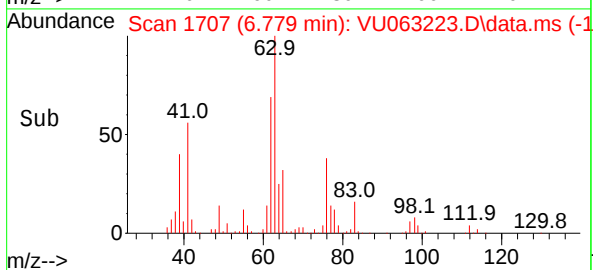
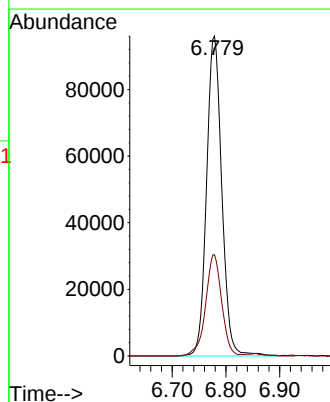
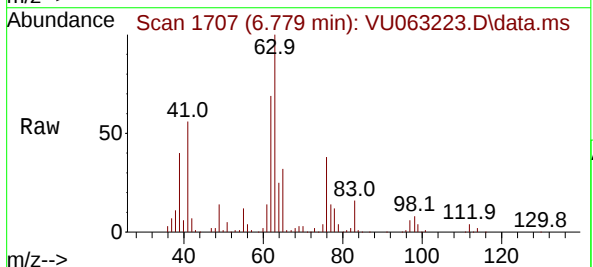
Instrument :
MSVOA_U
ClientSampleId :

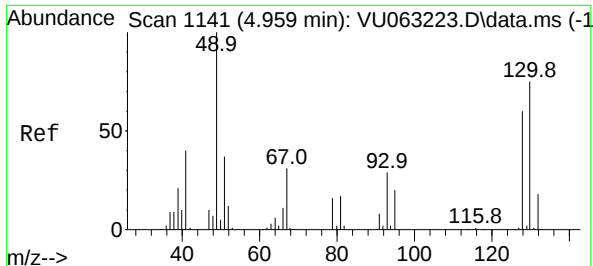
Tgt Ion:130 Resp: 168312
Ion Ratio Lower Upper
130 100
95 104.0 83.2 124.8



#38
1,2-Dichloropropane
Concen: 10.148 ug/l
RT: 6.779 min Scan# 1707
Delta R.T. 0.000 min
Lab File: VU063223.D
Acq: 10 Feb 2025 15:06

Tgt Ion: 63 Resp: 188716
Ion Ratio Lower Upper
63 100
65 31.6 25.3 37.9





#39

Methacrylonitrile

Concen: 12.123 ug/l

RT: 4.959 min Scan# 1141

Delta R.T. 0.000 min

Lab File: VU063223.D

Acq: 10 Feb 2025 15:06

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 41 Resp: 56424

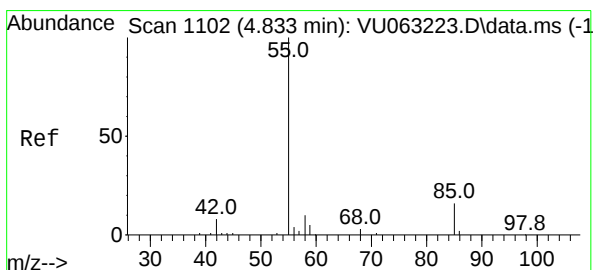
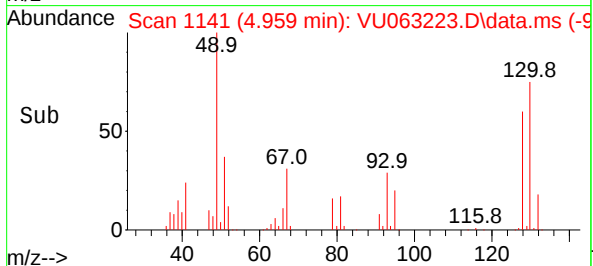
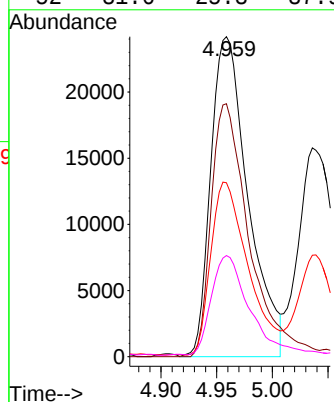
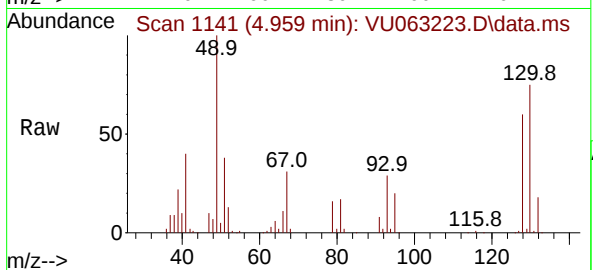
Ion Ratio Lower Upper

41 100

67 80.6 64.5 96.7

39 53.8 43.0 64.6

52 31.6 25.3 37.9



#40

Methyl acrylate

Concen: 11.258 ug/l

RT: 4.833 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VU063223.D

Acq: 10 Feb 2025 15:06

Tgt Ion: 55 Resp: 95663

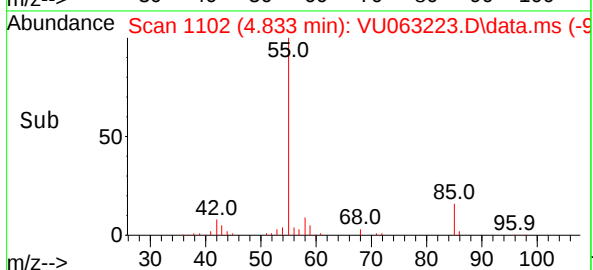
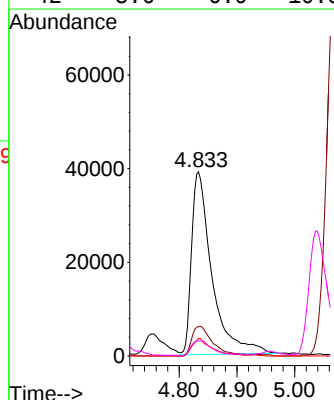
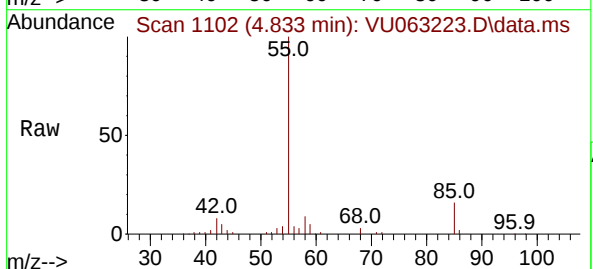
Ion Ratio Lower Upper

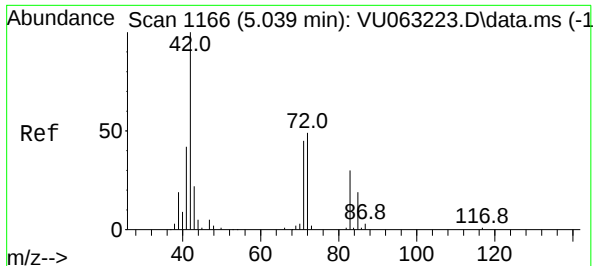
55 100

85 16.6 13.3 19.9

58 9.1 7.3 10.9

42 8.6 6.9 10.3





#41

Tetrahydrofuran

Concen: 21.760 ug/l

RT: 5.039 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU063223.D

Acq: 10 Feb 2025 15:06

Instrument :

MSVOA_U

ClientSampleId :

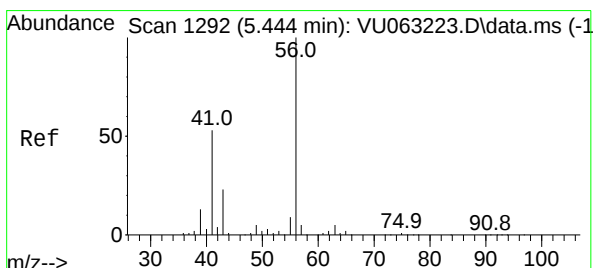
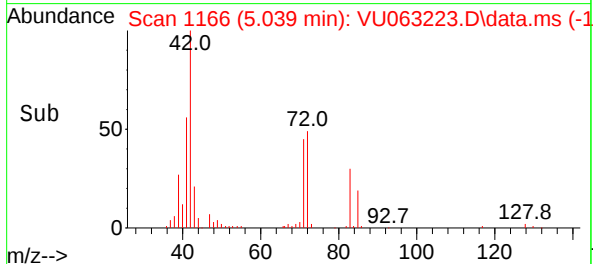
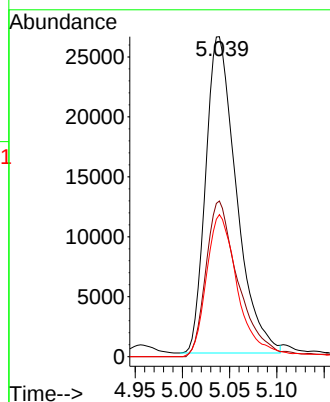
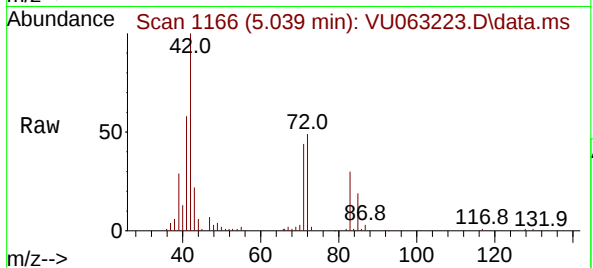
Tgt Ion: 42 Resp: 59516

Ion Ratio Lower Upper

42 100

72 51.9 41.5 62.3

71 46.5 37.2 55.8



#42

1-Chlorobutane

Concen: 10.327 ug/l

RT: 5.444 min Scan# 1292

Delta R.T. 0.000 min

Lab File: VU063223.D

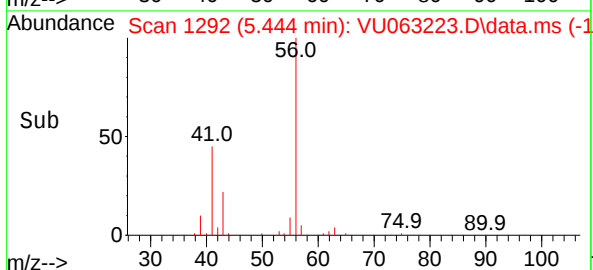
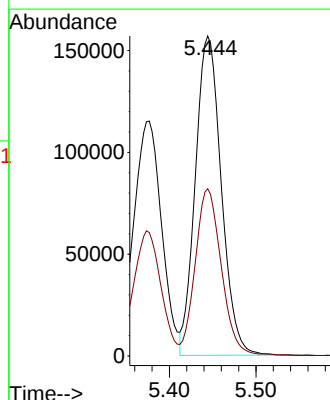
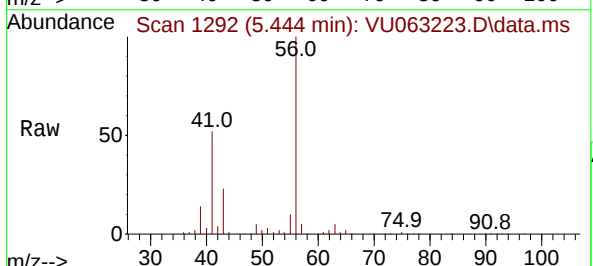
Acq: 10 Feb 2025 15:06

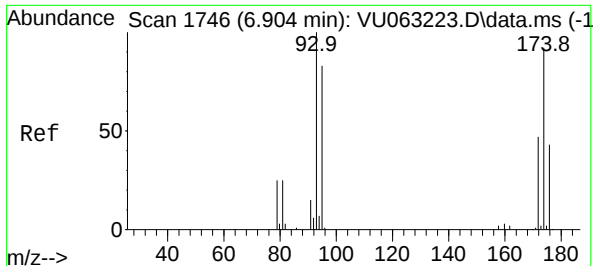
Tgt Ion: 56 Resp: 326490

Ion Ratio Lower Upper

56 100

41 52.5 26.3 78.8





#43

Dibromomethane

Concen: 9.994 ug/l

RT: 6.904 min Scan# 1746

Delta R.T. 0.000 min

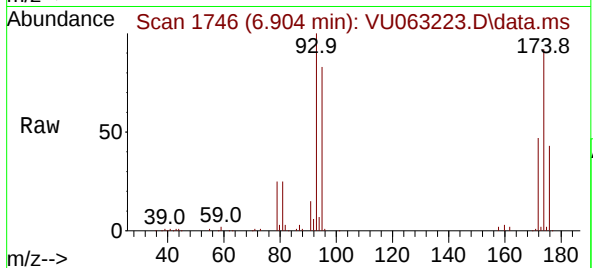
Lab File: VU063223.D

Acq: 10 Feb 2025 15:06

Instrument :

MSVOA_U

ClientSampleId :



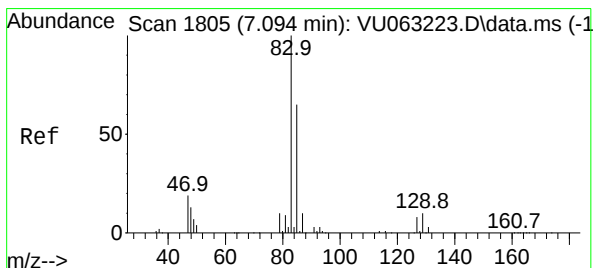
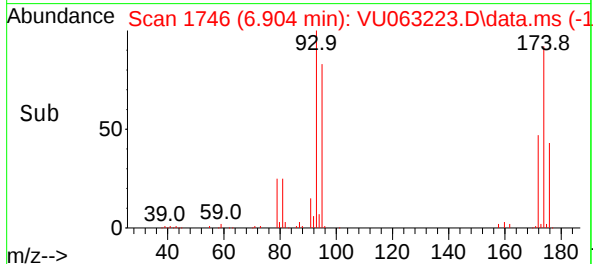
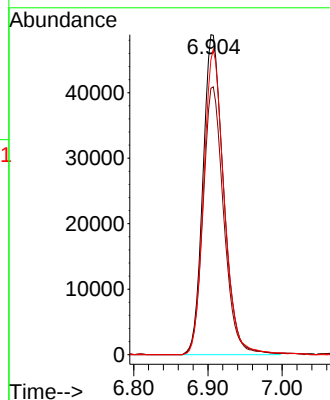
Tgt Ion: 93 Resp: 94106

Ion Ratio Lower Upper

93 100

95 84.0 67.2 100.8

174 94.6 75.7 113.5



#44

Bromodichloromethane

Concen: 10.303 ug/l

RT: 7.094 min Scan# 1805

Delta R.T. 0.000 min

Lab File: VU063223.D

Acq: 10 Feb 2025 15:06

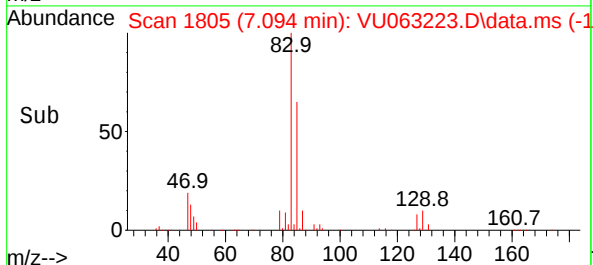
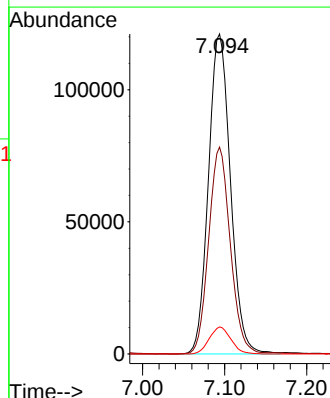
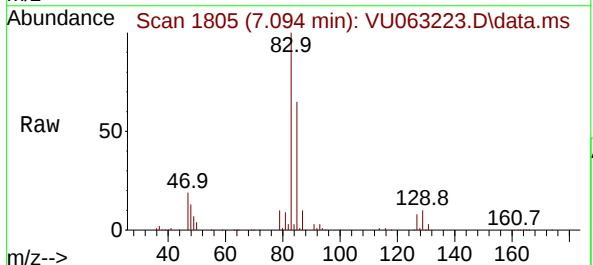
Tgt Ion: 83 Resp: 225813

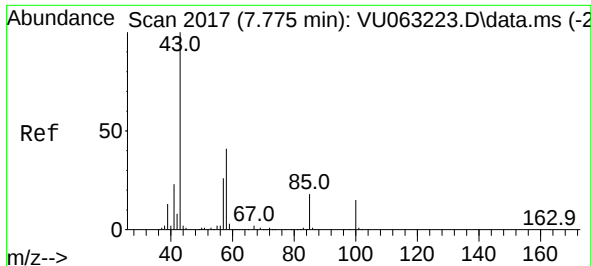
Ion Ratio Lower Upper

83 100

85 64.6 51.7 77.5

127 8.4 6.7 10.1





#45

4-Methyl-2-Pentanone

Concen: 57.627 ug/l

RT: 7.775 min Scan# 2017

Delta R.T. 0.000 min

Lab File: VU063223.D

Acq: 10 Feb 2025 15:06

Instrument :

MSVOA_U

ClientSampleId :

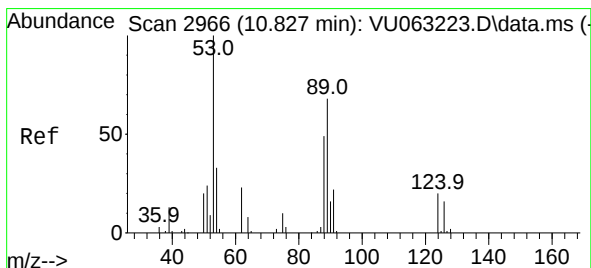
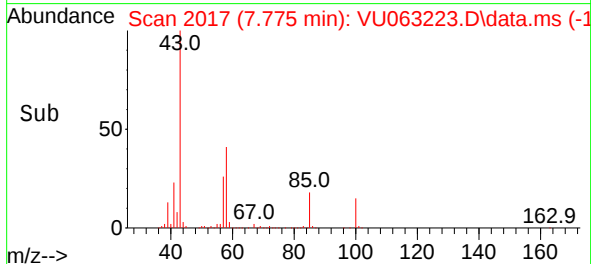
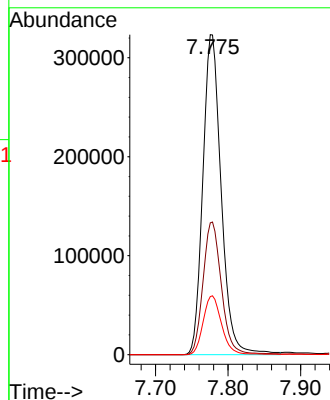
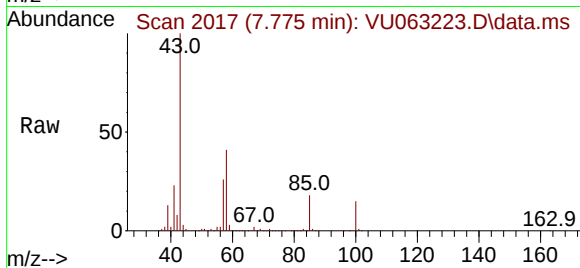
Tgt Ion: 43 Resp: 568881

Ion Ratio Lower Upper

43 100

58 41.7 20.8 62.5

85 18.5 14.8 22.2



#46

t-1,4-Dichloro-2-butene

Concen: 47.215 ug/l

RT: 10.814 min Scan# 2962

Delta R.T. -0.013 min

Lab File: VU063223.D

Acq: 10 Feb 2025 15:06

Tgt Ion: 75 Resp: 230638

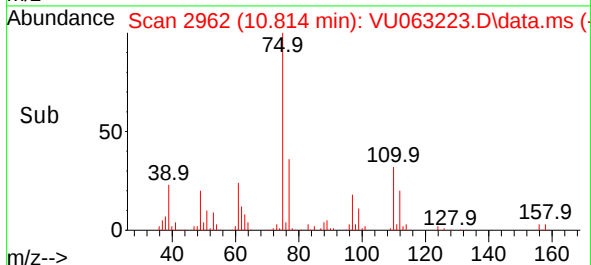
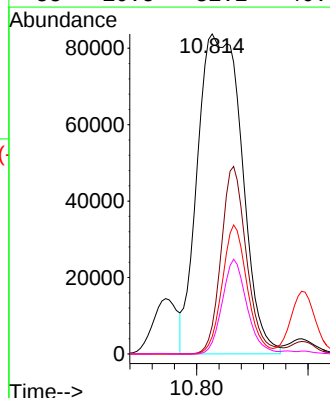
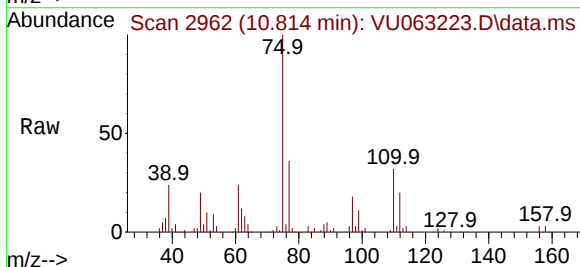
Ion Ratio Lower Upper

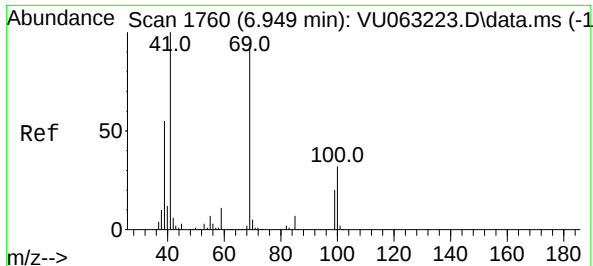
75 100

53 34.1 64.5 96.7#

89 22.9 43.4 65.2#

88 16.5 31.2 46.8#





#47

Methyl methacrylate

Concen: 23.502 ug/l

RT: 6.949 min Scan# 1760

Delta R.T. 0.000 min

Lab File: VU063223.D

Acq: 10 Feb 2025 15:06

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 69 Resp: 186394

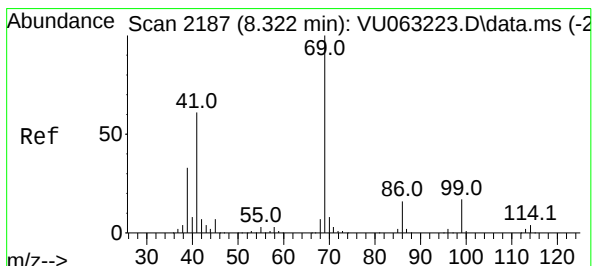
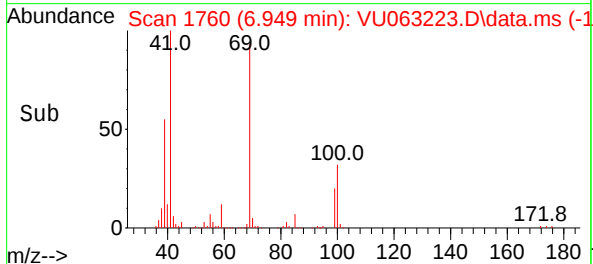
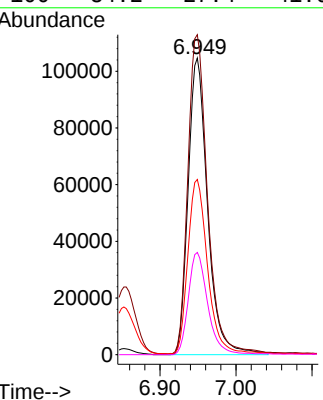
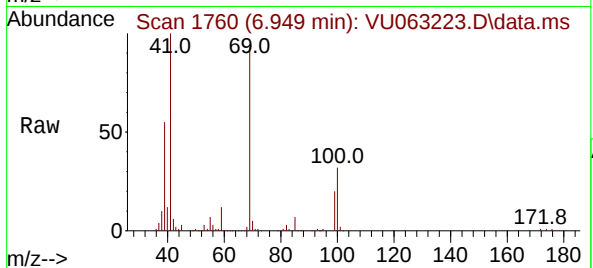
Ion Ratio Lower Upper

69 100

41 108.5 0.0 217.0

39 59.6 47.7 71.5

100 34.2 27.4 41.0



#48

Ethyl methacrylate

Concen: 12.196 ug/l

RT: 8.322 min Scan# 2187

Delta R.T. 0.000 min

Lab File: VU063223.D

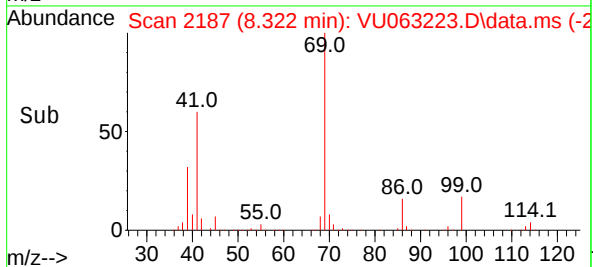
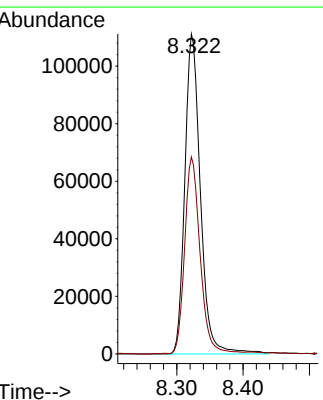
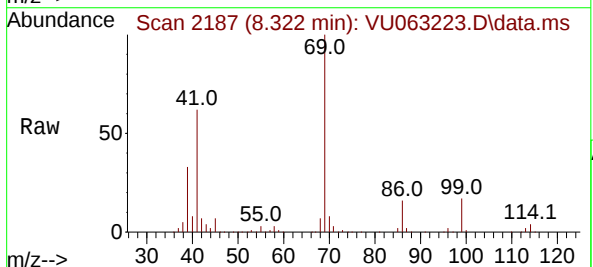
Acq: 10 Feb 2025 15:06

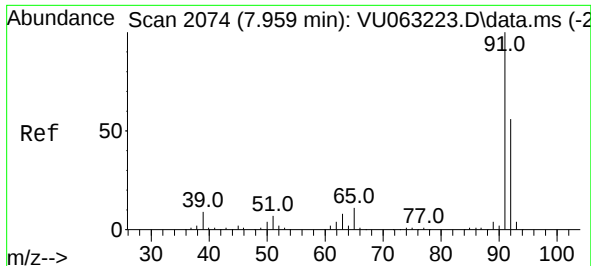
Tgt Ion: 69 Resp: 181630

Ion Ratio Lower Upper

69 100

41 61.3 30.6 92.0





#49

Toluene

Concen: 10.535 ug/l

RT: 7.959 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VU063223.D

Acq: 10 Feb 2025 15:06

Instrument :

MSVOA_U

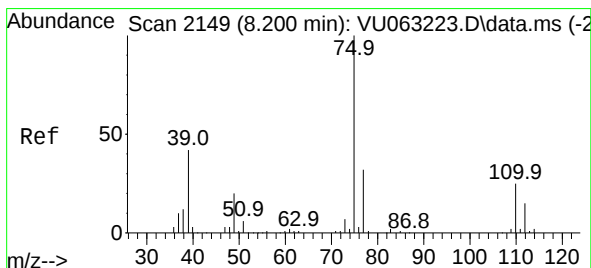
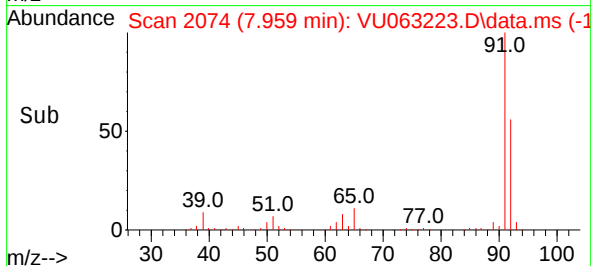
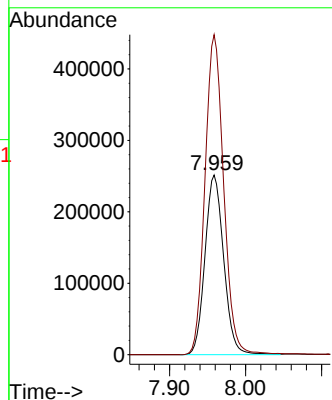
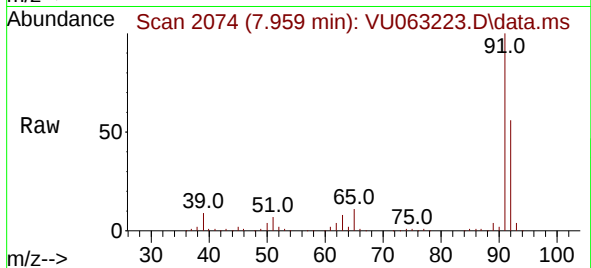
ClientSampleId :

Tgt Ion: 92 Resp: 430442

Ion Ratio Lower Upper

92 100

91 177.2 141.8 212.6



#50

t-1,3-Dichloropropene

Concen: 11.027 ug/l

RT: 8.200 min Scan# 2149

Delta R.T. 0.000 min

Lab File: VU063223.D

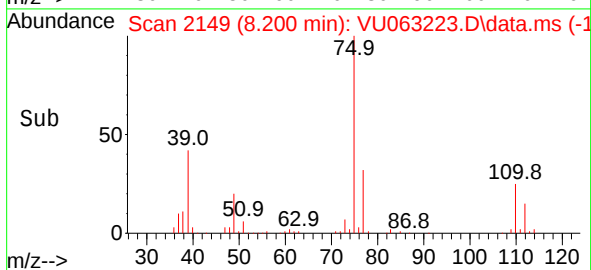
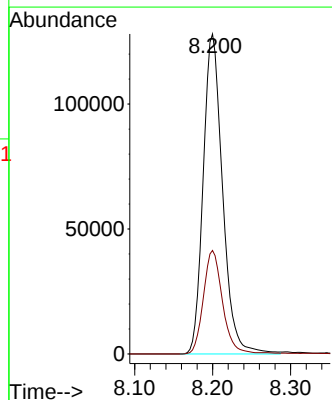
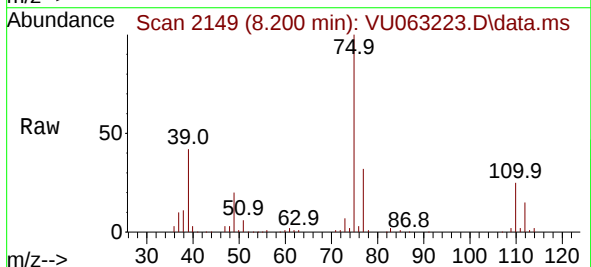
Acq: 10 Feb 2025 15:06

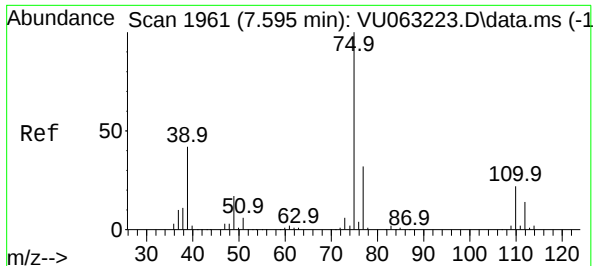
Tgt Ion: 75 Resp: 221262

Ion Ratio Lower Upper

75 100

77 32.4 25.9 38.9

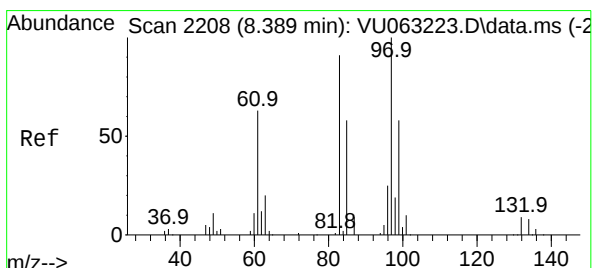
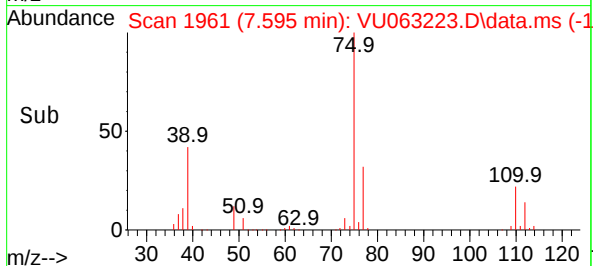
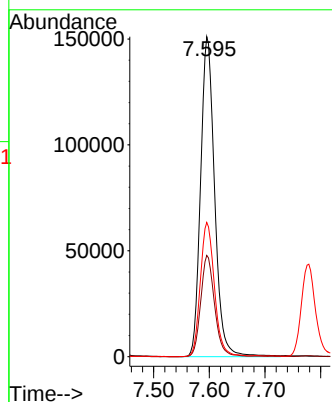
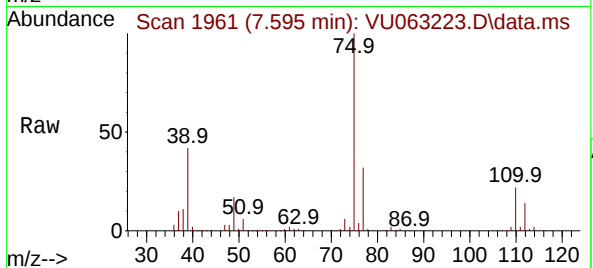




#51
 cis-1,3-Dichloropropene
 Concen: 10.700 ug/l
 RT: 7.595 min Scan# 1961
 Delta R.T. 0.000 min
 Lab File: VU063223.D
 Acq: 10 Feb 2025 15:06

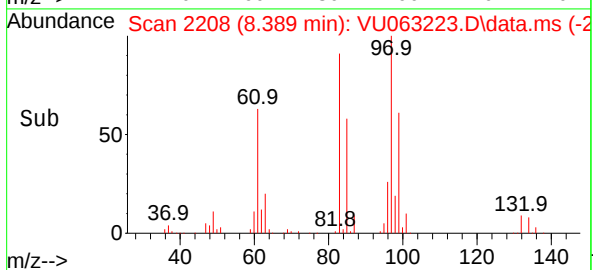
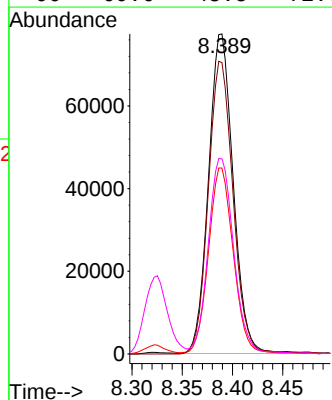
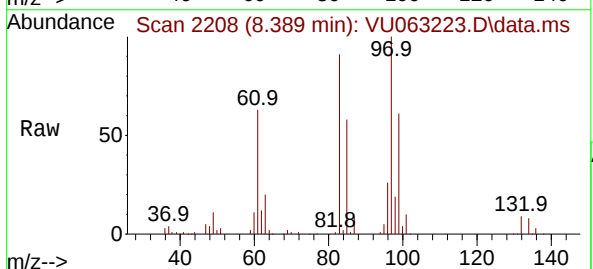
Instrument :
 MSVOA_U
 ClientSampleId :

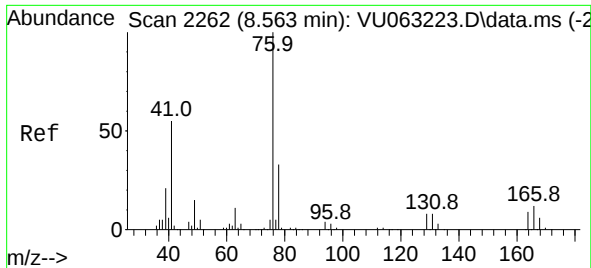
Tgt Ion: 75 Resp: 265202
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.3 37.9
 39 41.9 33.5 50.3



#52
 1,1,2-Trichloroethane
 Concen: 10.370 ug/l
 RT: 8.389 min Scan# 2208
 Delta R.T. 0.000 min
 Lab File: VU063223.D
 Acq: 10 Feb 2025 15:06

Tgt Ion: 97 Resp: 131655
 Ion Ratio Lower Upper
 97 100
 83 91.2 73.0 109.4
 85 57.9 46.3 69.5
 99 60.6 48.5 72.7





#53

1,3-Dichloropropane

Concen: 10.382 ug/l

RT: 8.563 min Scan# 2262

Delta R.T. 0.000 min

Lab File: VU063223.D

Acq: 10 Feb 2025 15:06

Instrument :

MSVOA_U

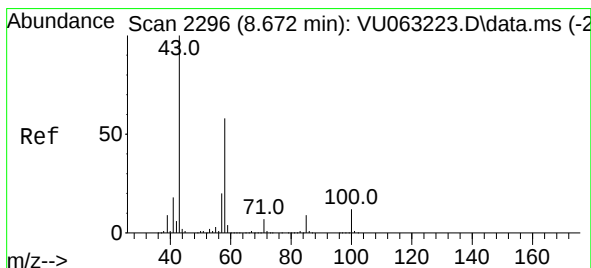
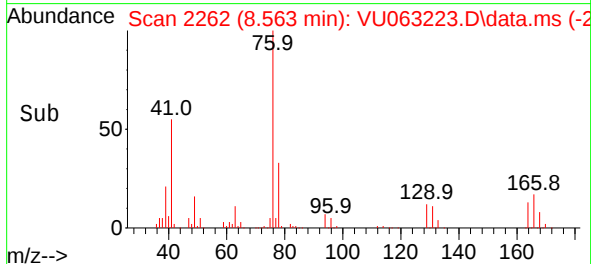
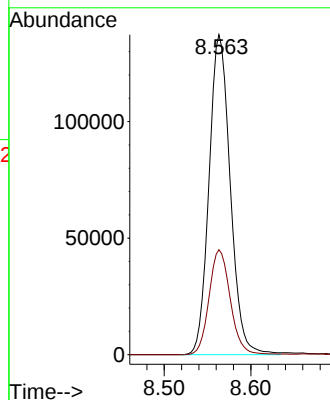
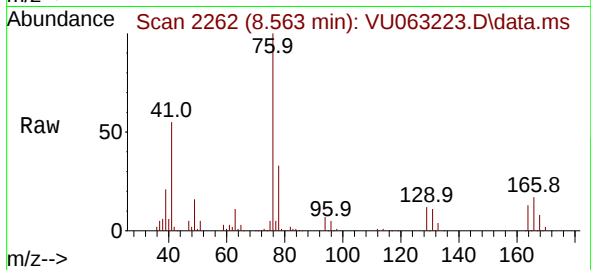
ClientSampleId :

Tgt Ion: 76 Resp: 234008

Ion Ratio Lower Upper

76 100

78 32.9 26.3 39.5



#54

2-Hexanone

Concen: 58.266 ug/l

RT: 8.672 min Scan# 2296

Delta R.T. 0.000 min

Lab File: VU063223.D

Acq: 10 Feb 2025 15:06

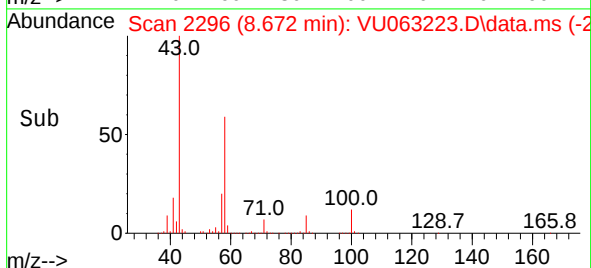
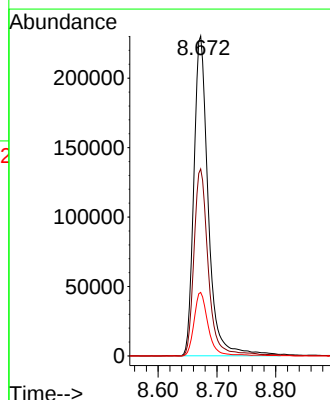
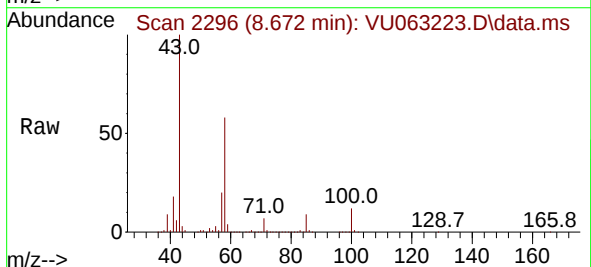
Tgt Ion: 43 Resp: 392522

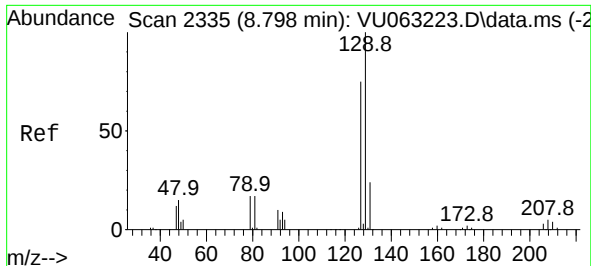
Ion Ratio Lower Upper

43 100

58 58.0 38.0 78.0

57 19.1 0.0 39.1





#55

Dibromochloromethane

Concen: 10.575 ug/l

RT: 8.798 min Scan# 2335

Delta R.T. 0.000 min

Lab File: VU063223.D

Acq: 10 Feb 2025 15:06

Instrument :

MSVOA_U

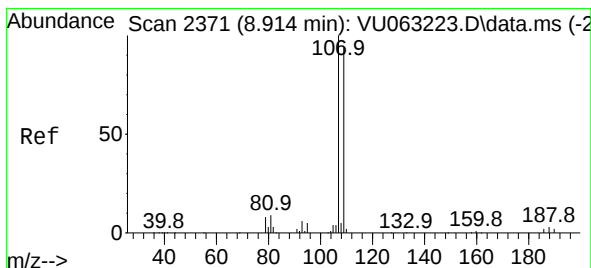
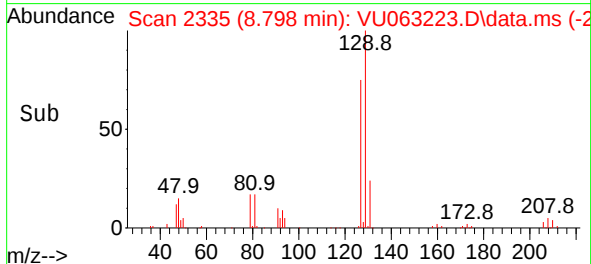
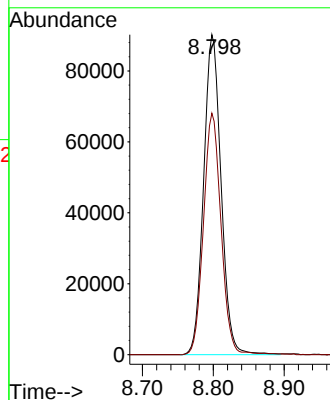
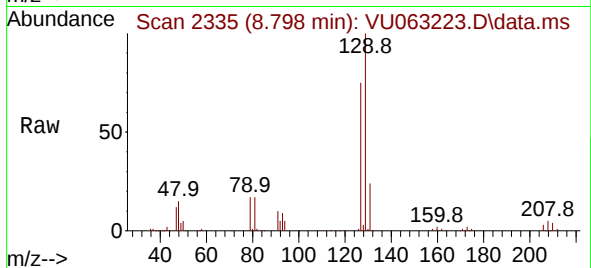
ClientSampleId :

Tgt Ion:129 Resp: 154464

Ion Ratio Lower Upper

129 100

127 75.5 60.4 90.6



#56

1,2-Dibromoethane

Concen: 10.638 ug/l

RT: 8.914 min Scan# 2371

Delta R.T. 0.000 min

Lab File: VU063223.D

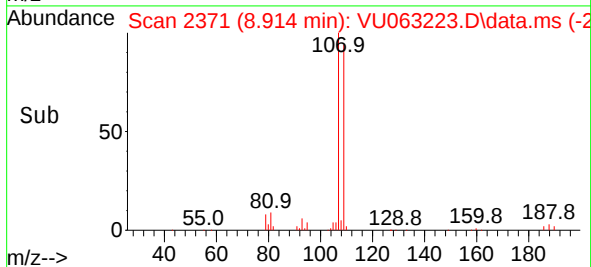
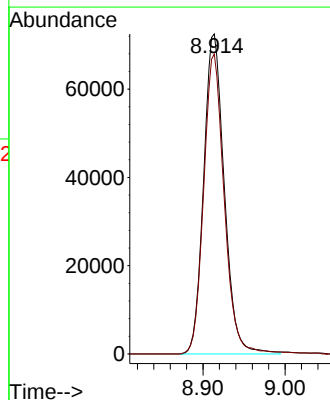
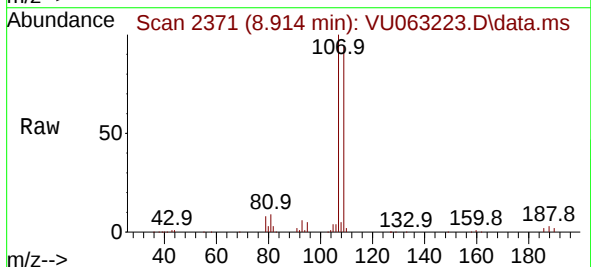
Acq: 10 Feb 2025 15:06

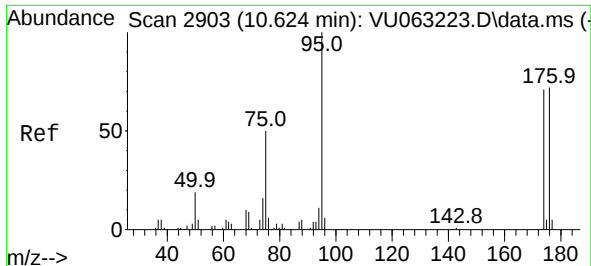
Tgt Ion:107 Resp: 126673

Ion Ratio Lower Upper

107 100

109 93.9 0.0 187.8





#57

4-Bromofluorobenzene

Concen: 1.085 ug/l

RT: 10.624 min Scan# 2903

Delta R.T. 0.000 min

Lab File: VU063223.D

Acq: 10 Feb 2025 15:06

Instrument :

MSVOA_U

ClientSampleId :

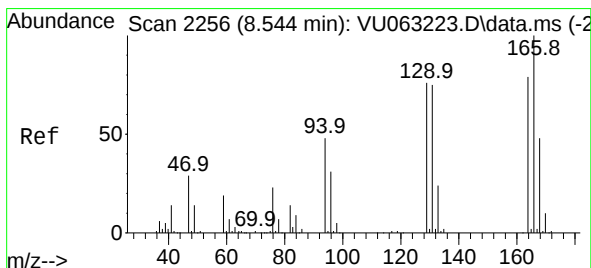
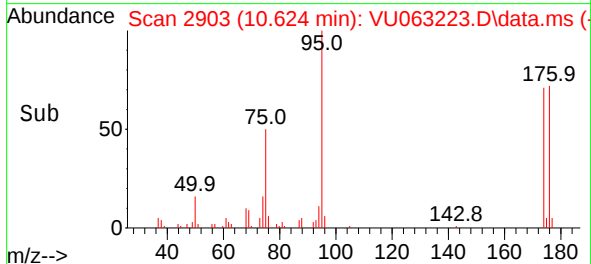
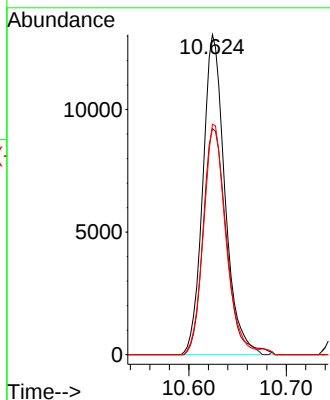
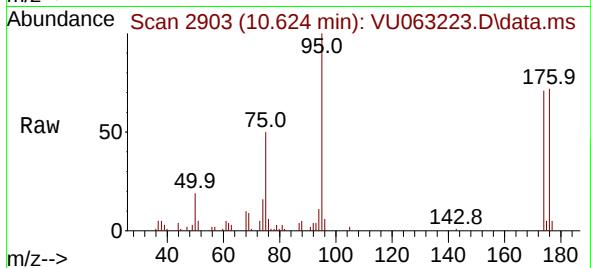
Tgt Ion: 95 Resp: 20703

Ion Ratio Lower Upper

95 100

174 73.3 58.6 88.0

176 72.8 58.2 87.4



#58

Tetrachloroethene

Concen: 9.719 ug/l

RT: 8.544 min Scan# 2256

Delta R.T. 0.000 min

Lab File: VU063223.D

Acq: 10 Feb 2025 15:06

Tgt Ion: 164 Resp: 135324

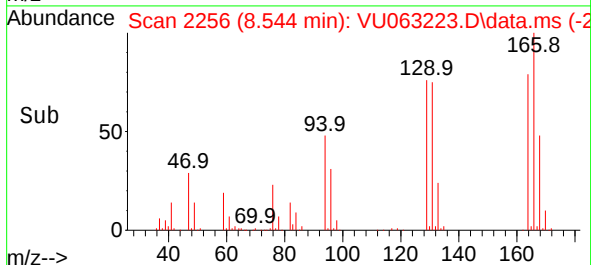
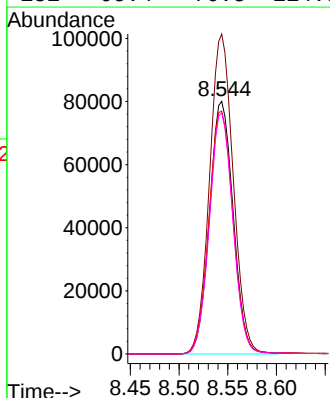
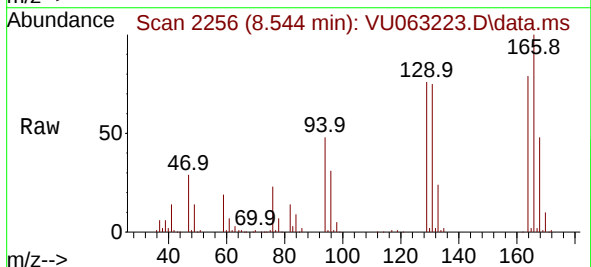
Ion Ratio Lower Upper

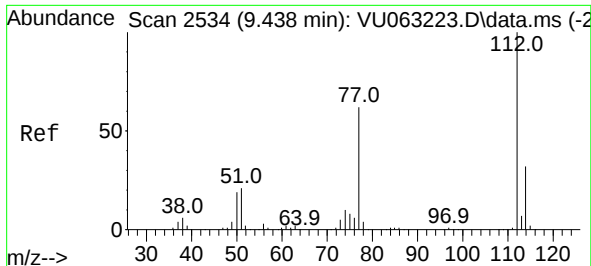
164 100

166 126.7 101.4 152.0

129 96.2 77.0 115.4

131 95.4 76.3 114.5

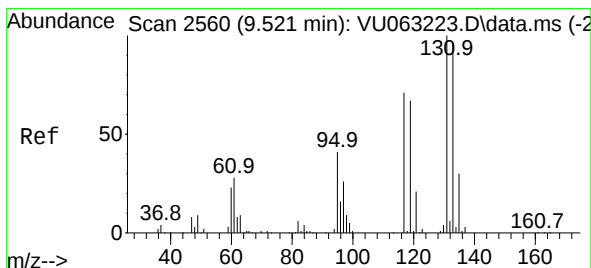
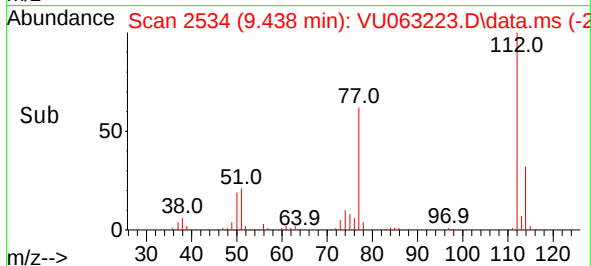
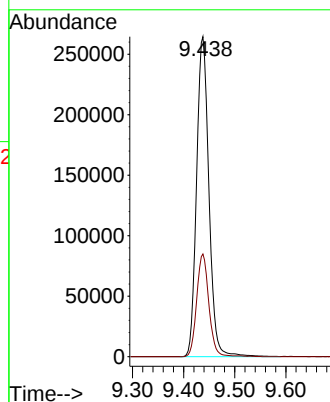
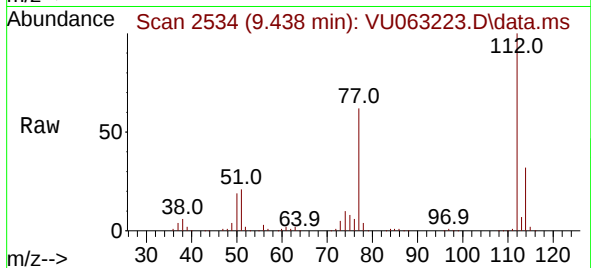




#59
Chlorobenzene
Concen: 10.297 ug/l
RT: 9.438 min Scan# 2534
Delta R.T. 0.000 min
Lab File: VU063223.D
Acq: 10 Feb 2025 15:06

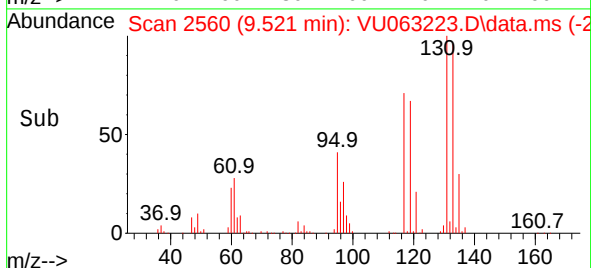
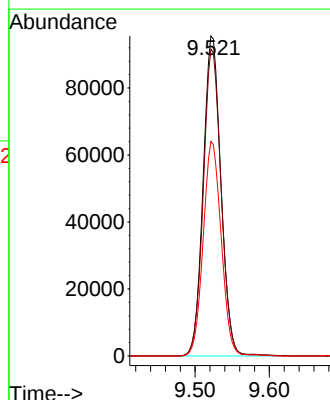
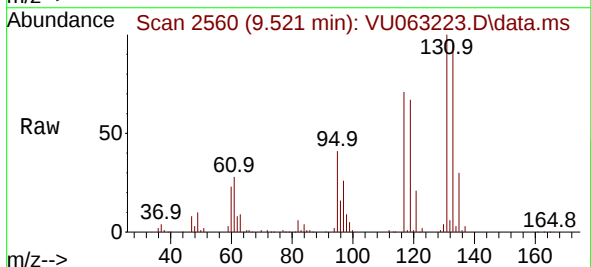
Instrument :
MSVOA_U
ClientSampleId :

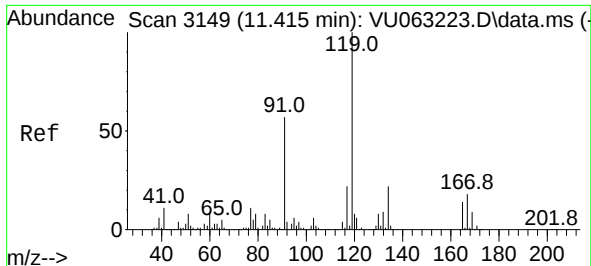
Tgt Ion:112 Resp: 443950
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5



#60
1,1,1,2-Tetrachloroethane
Concen: 10.222 ug/l
RT: 9.521 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU063223.D
Acq: 10 Feb 2025 15:06

Tgt Ion:131 Resp: 158424
Ion Ratio Lower Upper
131 100
133 95.9 76.7 115.1
119 68.0 54.4 81.6

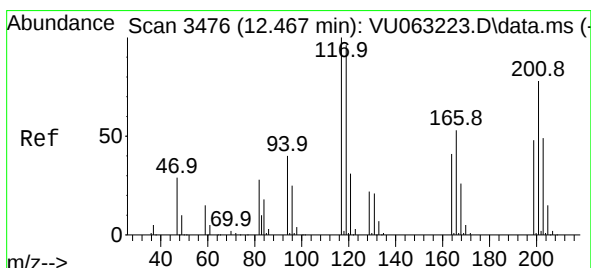
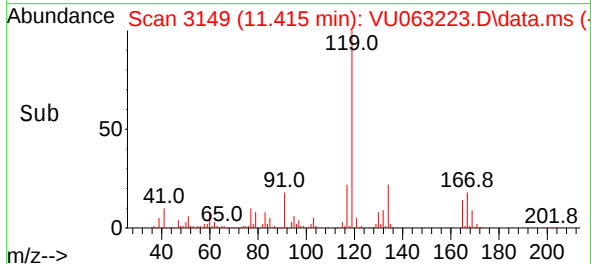
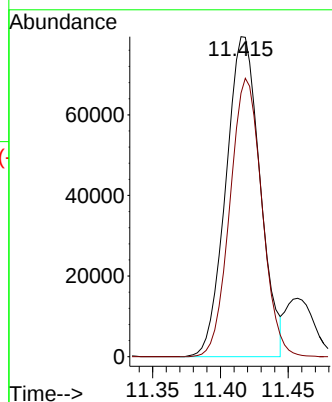
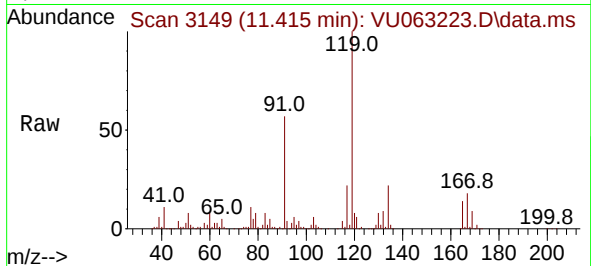




#61
Pentachloroethane
Concen: 10.060 ug/l
RT: 11.415 min Scan# 3149
Delta R.T. 0.000 min
Lab File: VU063223.D
Acq: 10 Feb 2025 15:06

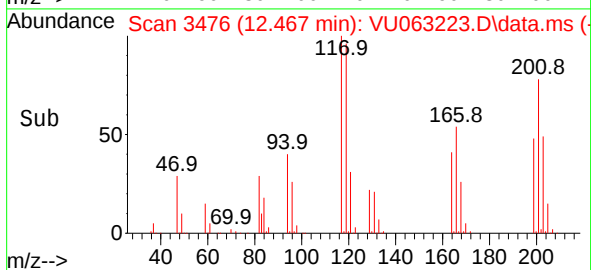
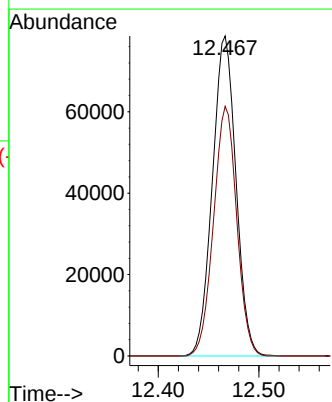
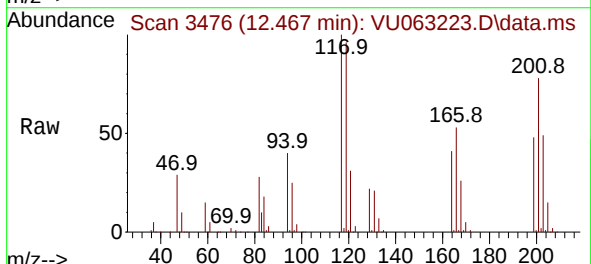
Instrument :
MSVOA_U
ClientSampleId :

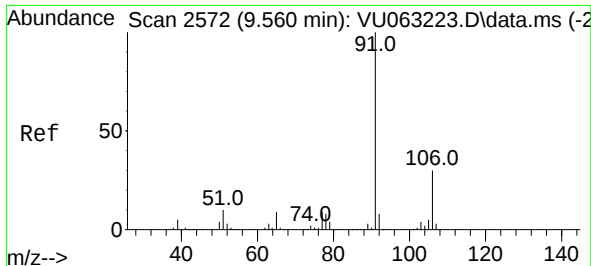
Tgt Ion:117 Resp: 139274
Ion Ratio Lower Upper
117 100
167 81.3 65.0 97.6



#62
Hexachloroethane
Concen: 10.465 ug/l
RT: 12.467 min Scan# 3476
Delta R.T. 0.000 min
Lab File: VU063223.D
Acq: 10 Feb 2025 15:06

Tgt Ion:117 Resp: 128179
Ion Ratio Lower Upper
117 100
201 76.6 61.3 91.9





#63

Ethyl Benzene

Concen: 10.912 ug/l

RT: 9.560 min Scan# 2572

Delta R.T. 0.000 min

Lab File: VU063223.D

Acq: 10 Feb 2025 15:06

Instrument :

MSVOA_U

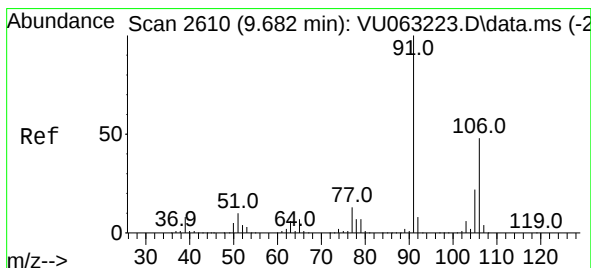
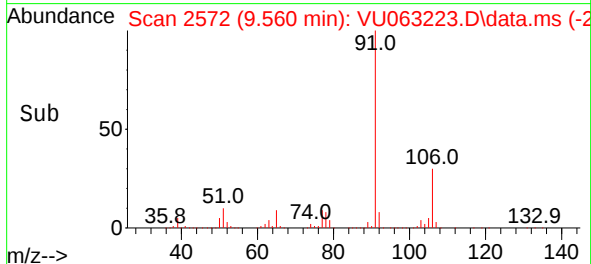
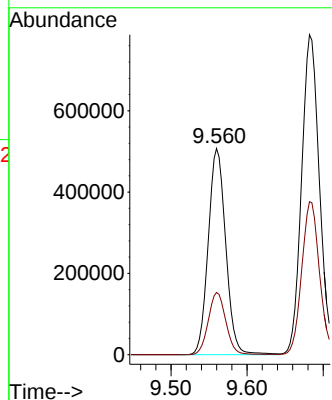
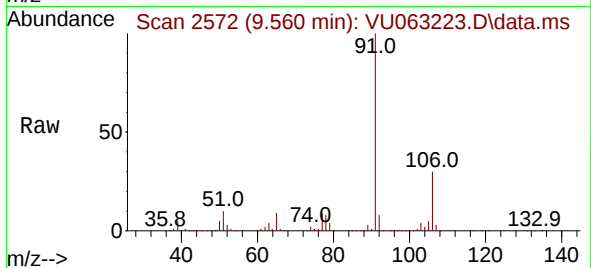
ClientSampleId :

Tgt Ion: 91 Resp: 811424

Ion Ratio Lower Upper

91 100

106 30.2 24.2 36.2



#64

m/p-Xylenes

Concen: 22.300 ug/l

RT: 9.682 min Scan# 2610

Delta R.T. 0.000 min

Lab File: VU063223.D

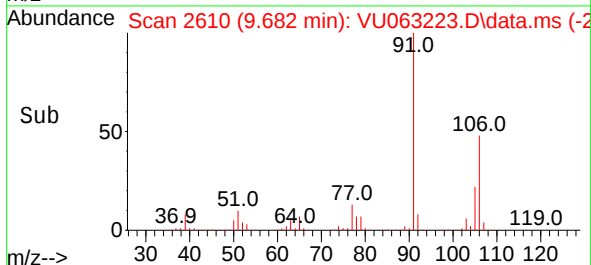
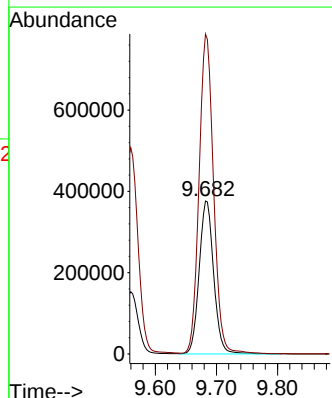
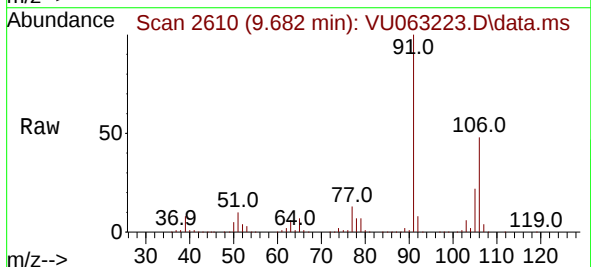
Acq: 10 Feb 2025 15:06

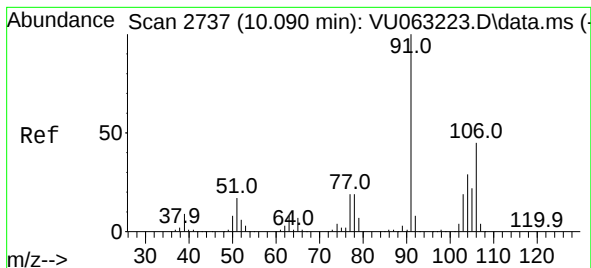
Tgt Ion:106 Resp: 619391

Ion Ratio Lower Upper

106 100

91 208.6 166.9 250.3





#65

o-Xylene

Concen: 10.934 ug/l

RT: 10.090 min Scan# 2737

Delta R.T. 0.000 min

Lab File: VU063223.D

Acq: 10 Feb 2025 15:06

Instrument :

MSVOA_U

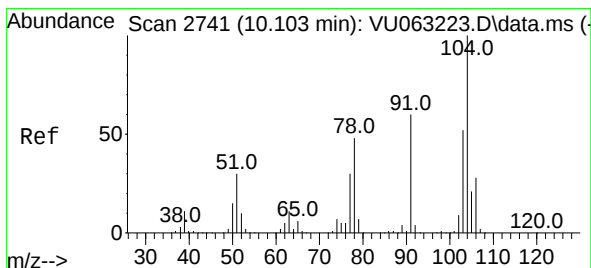
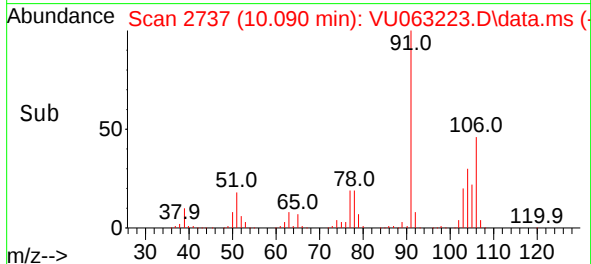
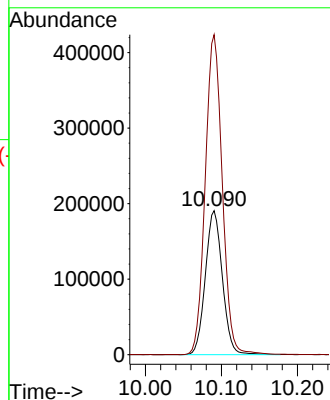
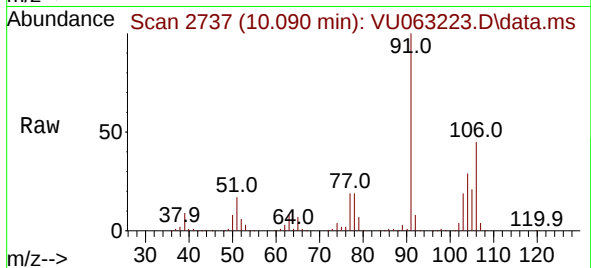
ClientSampleId :

Tgt Ion:106 Resp: 297309

Ion Ratio Lower Upper

106 100

91 221.9 110.9 332.9



#66

Styrene

Concen: 11.443 ug/l

RT: 10.103 min Scan# 2741

Delta R.T. 0.000 min

Lab File: VU063223.D

Acq: 10 Feb 2025 15:06

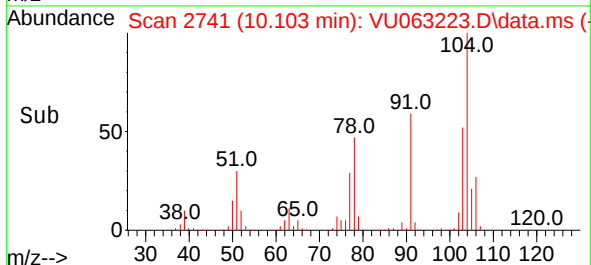
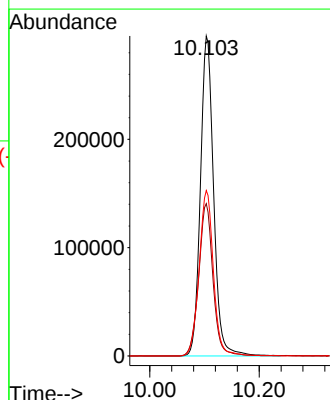
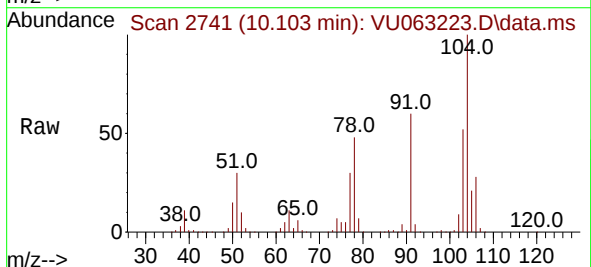
Tgt Ion:104 Resp: 495181

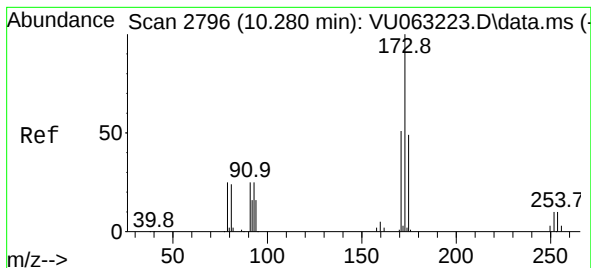
Ion Ratio Lower Upper

104 100

78 51.5 41.2 61.8

103 56.0 44.8 67.2





#67

Bromoform

Concen: 10.883 ug/l

RT: 10.280 min Scan# 2796

Delta R.T. 0.000 min

Lab File: VU063223.D

Acq: 10 Feb 2025 15:06

Instrument :

MSVOA_U

ClientSampleId :

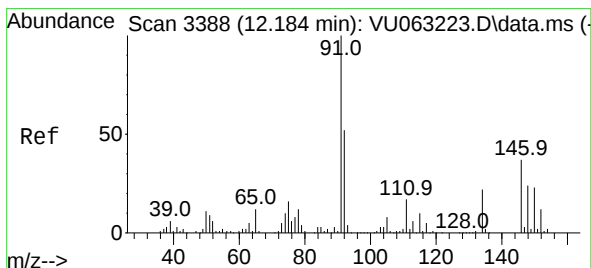
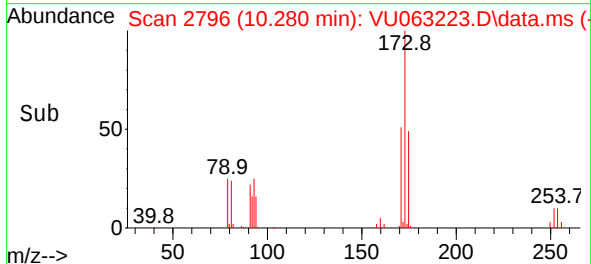
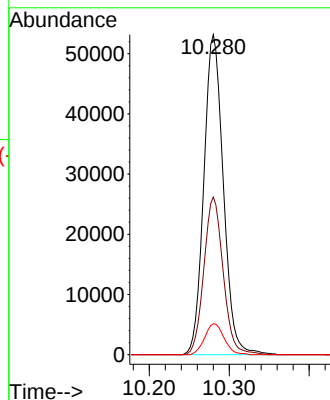
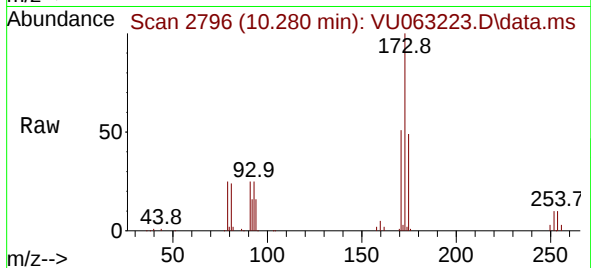
Tgt Ion:173 Resp: 90220

Ion Ratio Lower Upper

173 100

175 48.7 39.0 58.4

254 9.6 7.7 11.5



#68

1,2-Dichlorobenzene-d4

Concen: 1.002 ug/l

RT: 12.184 min Scan# 3388

Delta R.T. 0.000 min

Lab File: VU063223.D

Acq: 10 Feb 2025 15:06

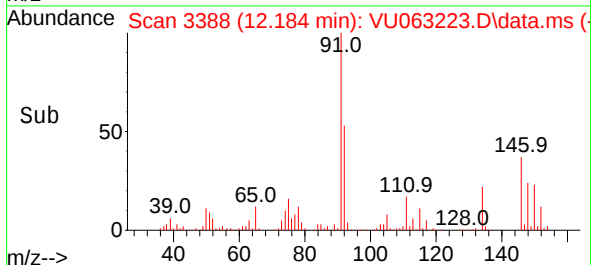
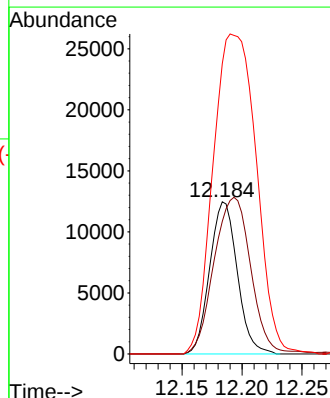
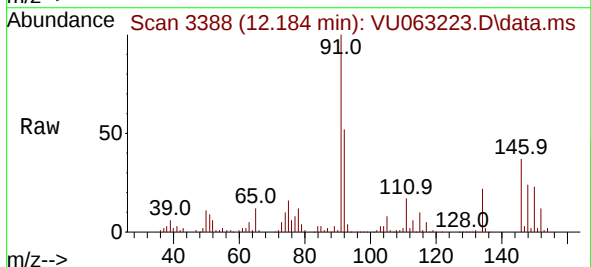
Tgt Ion:152 Resp: 19878

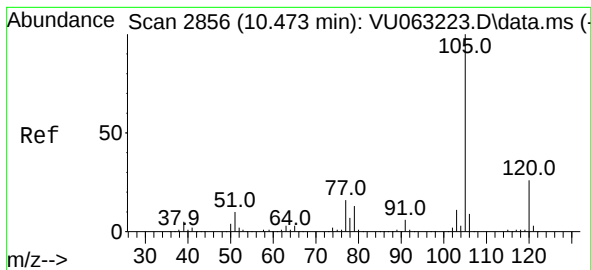
Ion Ratio Lower Upper

152 100

115 137.6 0.0 275.2

150 329.2 0.0 658.4





#69

Isopropylbenzene

Concen: 10.963 ug/l

RT: 10.473 min Scan# 2856

Delta R.T. 0.000 min

Lab File: VU063223.D

Acq: 10 Feb 2025 15:06

Instrument :

MSVOA_U

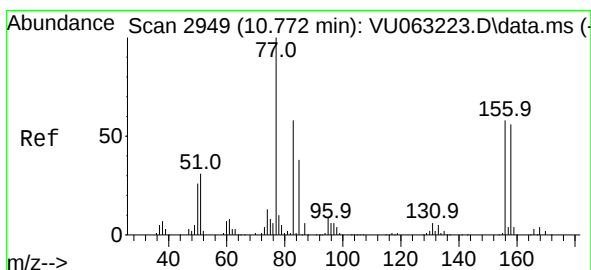
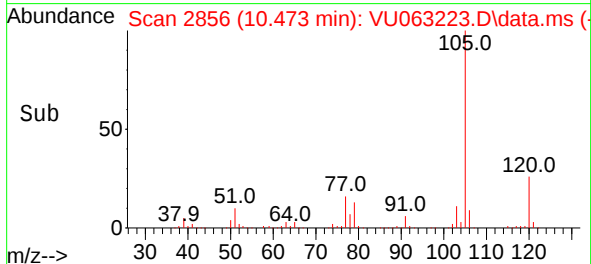
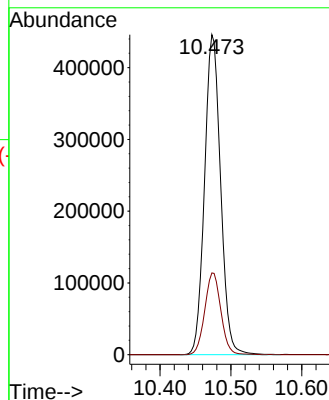
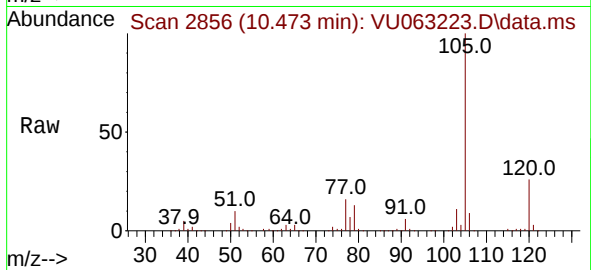
ClientSampleId :

Tgt Ion:105 Resp: 700805

Ion Ratio Lower Upper

105 100

120 25.6 12.8 38.4



#70

1,1,2,2-Tetrachloroethane

Concen: 10.464 ug/l

RT: 10.772 min Scan# 2949

Delta R.T. 0.000 min

Lab File: VU063223.D

Acq: 10 Feb 2025 15:06

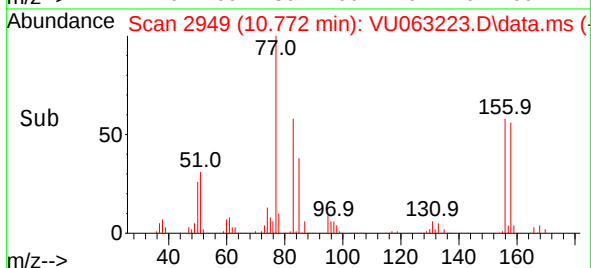
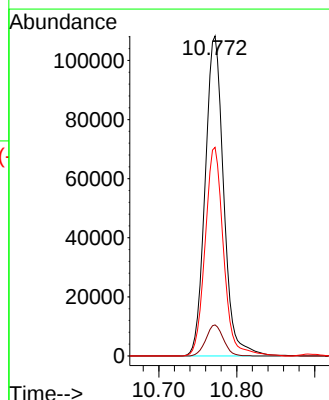
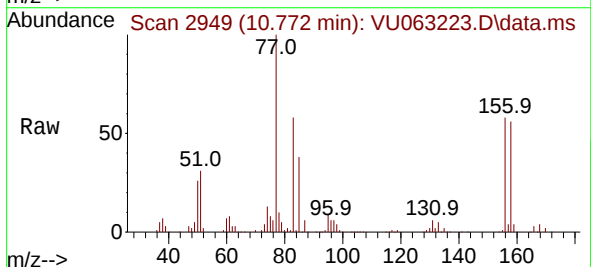
Tgt Ion: 83 Resp: 179045

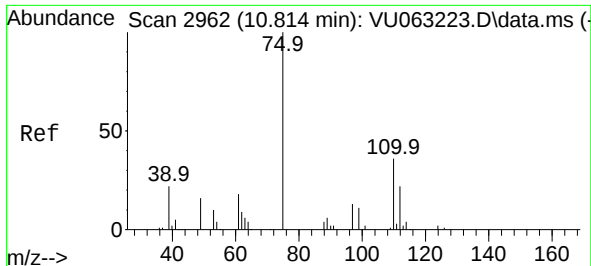
Ion Ratio Lower Upper

83 100

131 9.2 7.4 11.0

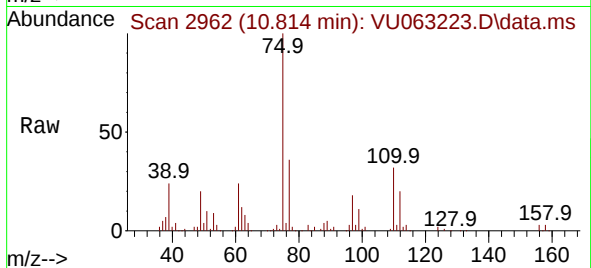
85 64.8 51.8 77.8



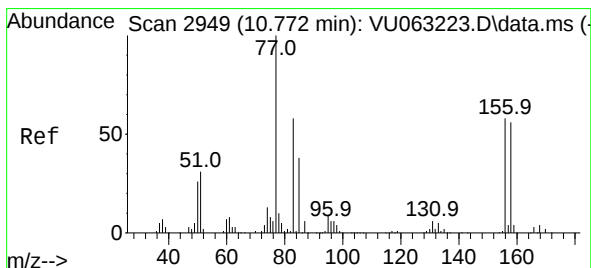
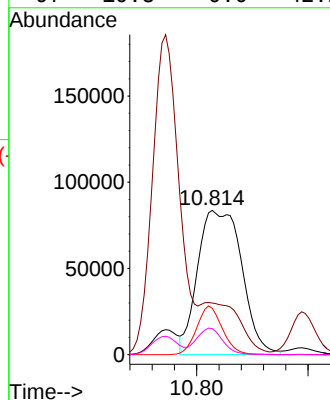
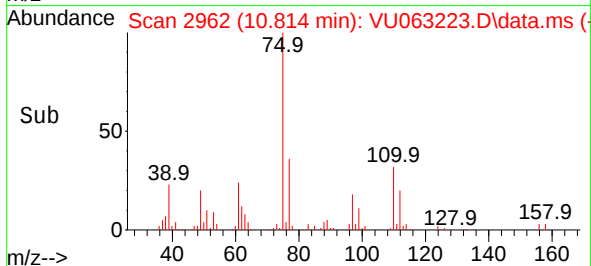


#71
1,2,3-Trichloropropane
Concen: 17.775 ug/l
RT: 10.814 min Scan# 2962
Delta R.T. 0.000 min
Lab File: VU063223.D
Acq: 10 Feb 2025 15:06

Instrument :
MSVOA_U
ClientSampleId :

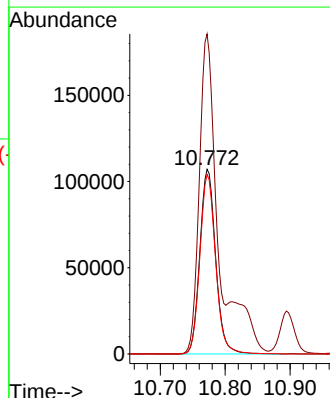
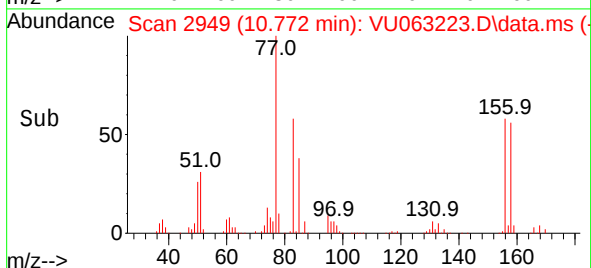
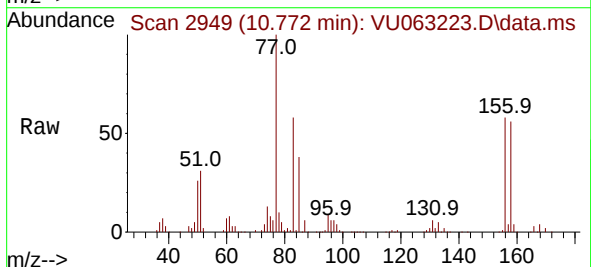


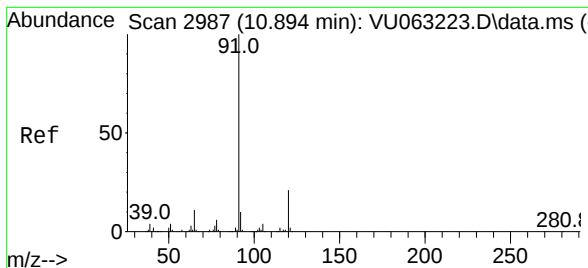
Tgt Ion: 75 Resp: 230638
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0
110 19.7 0.0 77.0
97 10.8 0.0 42.2



#72
Bromobenzene
Concen: 10.554 ug/l
RT: 10.772 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU063223.D
Acq: 10 Feb 2025 15:06

Tgt Ion:156 Resp: 181776
Ion Ratio Lower Upper
156 100
77 171.8 0.0 343.6
158 96.5 0.0 193.0





#73

n-propylbenzene

Concen: 11.189 ug/l

RT: 10.894 min Scan# 2987

Delta R.T. 0.000 min

Lab File: VU063223.D

Acq: 10 Feb 2025 15:06

Instrument :

MSVOA_U

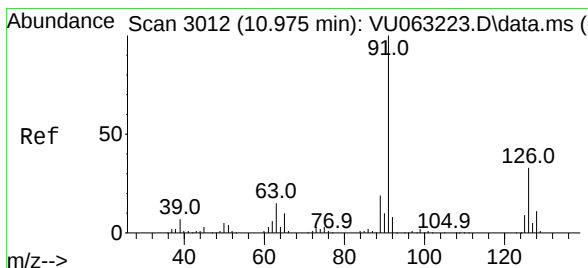
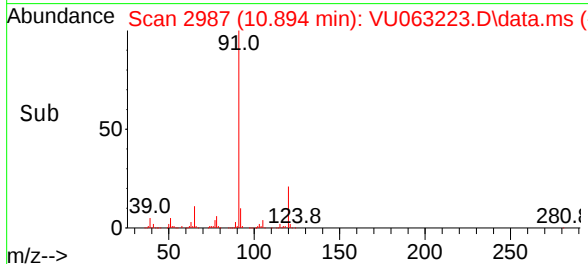
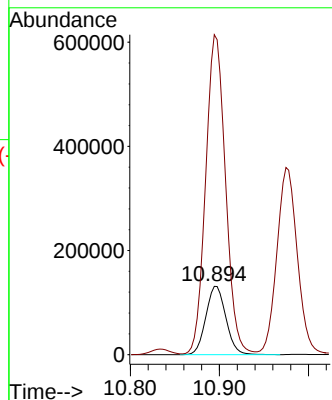
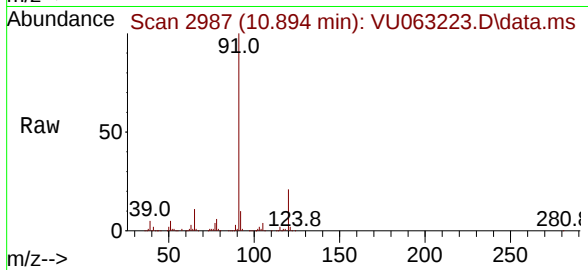
ClientSampleId :

Tgt Ion:120 Resp: 204779

Ion Ratio Lower Upper

120 100

91 462.2 369.8 554.6



#74

2-Chlorotoluene

Concen: 10.829 ug/l

RT: 10.975 min Scan# 3012

Delta R.T. 0.000 min

Lab File: VU063223.D

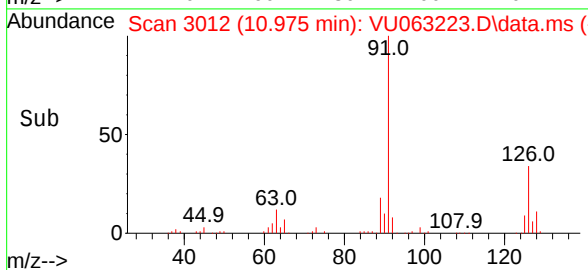
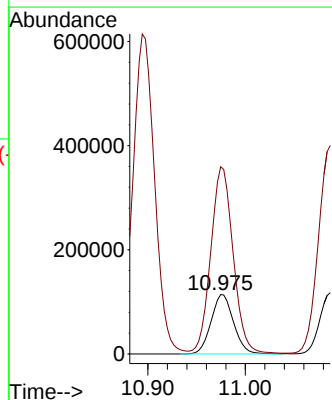
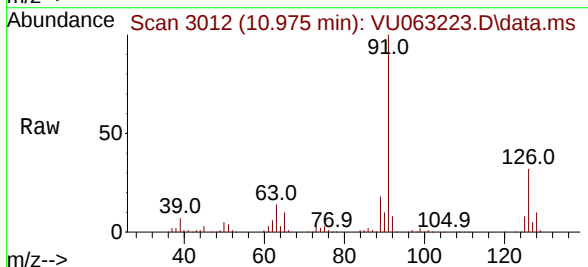
Acq: 10 Feb 2025 15:06

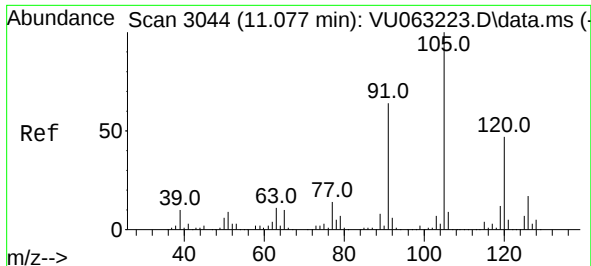
Tgt Ion:126 Resp: 182649

Ion Ratio Lower Upper

126 100

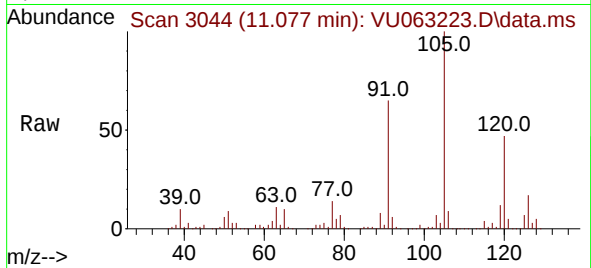
91 311.9 0.0 623.8



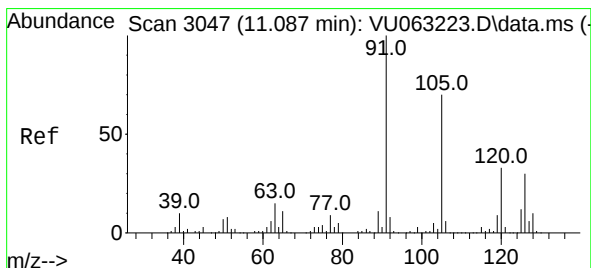
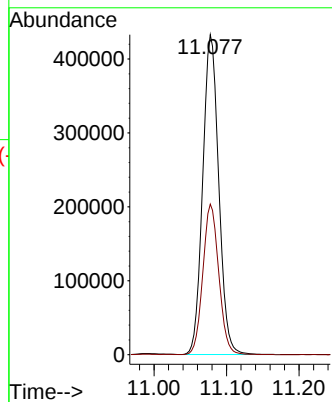
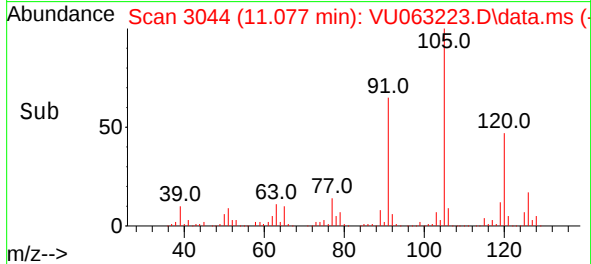


#75
1,3,5-Trimethylbenzene
Concen: 11.211 ug/l
RT: 11.077 min Scan# 3044
Delta R.T. 0.000 min
Lab File: VU063223.D
Acq: 10 Feb 2025 15:06

Instrument :
MSVOA_U
ClientSampleId :

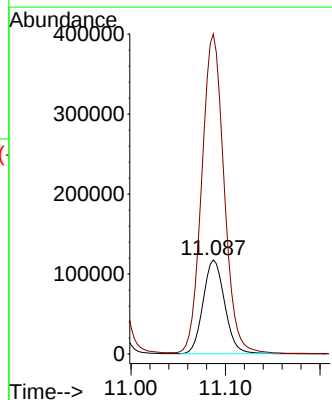
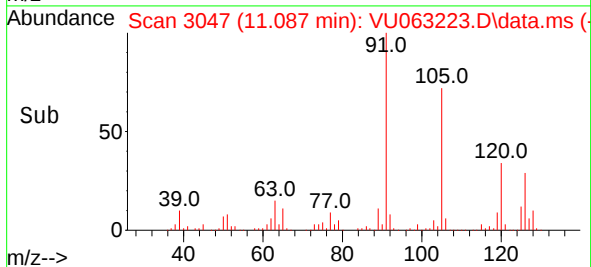
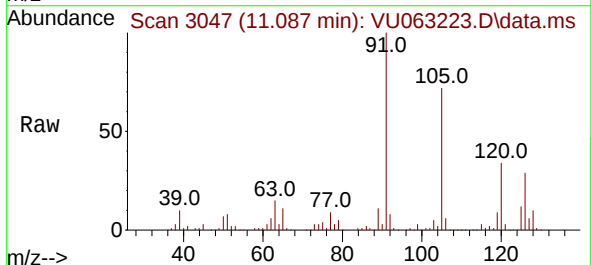


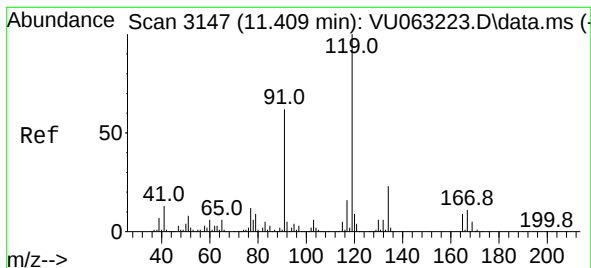
Tgt Ion:105 Resp: 664048
Ion Ratio Lower Upper
105 100
120 46.6 37.3 55.9



#76
4-Chlorotoluene
Concen: 10.745 ug/l
RT: 11.087 min Scan# 3047
Delta R.T. 0.000 min
Lab File: VU063223.D
Acq: 10 Feb 2025 15:06

Tgt Ion:126 Resp: 185864
Ion Ratio Lower Upper
126 100
91 351.8 0.0 703.6





#77

tert-Butylbenzene

Concen: 10.791 ug/l

RT: 11.409 min Scan# 3147

Delta R.T. 0.000 min

Lab File: VU063223.D

Acq: 10 Feb 2025 15:06

Instrument :

MSVOA_U

ClientSampleId :

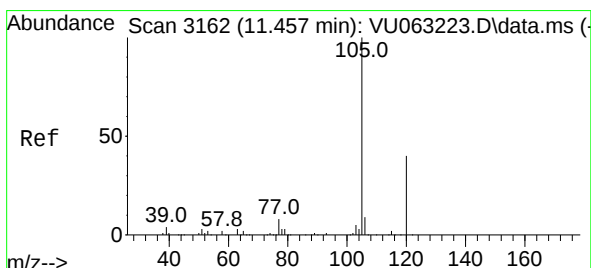
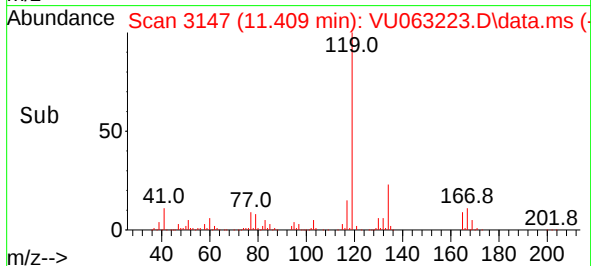
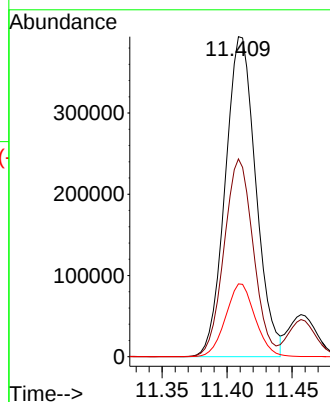
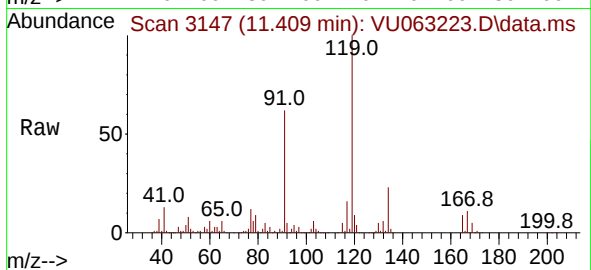
Tgt Ion:119 Resp: 646436

Ion Ratio Lower Upper

119 100

91 58.9 29.4 88.3

134 22.0 17.6 26.4



#78

1,2,4-Trimethylbenzene

Concen: 11.382 ug/l

RT: 11.457 min Scan# 3162

Delta R.T. 0.000 min

Lab File: VU063223.D

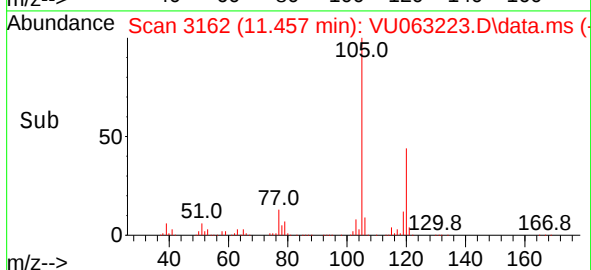
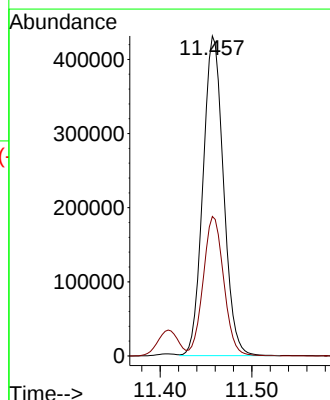
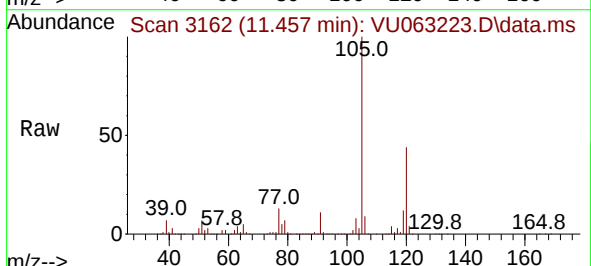
Acq: 10 Feb 2025 15:06

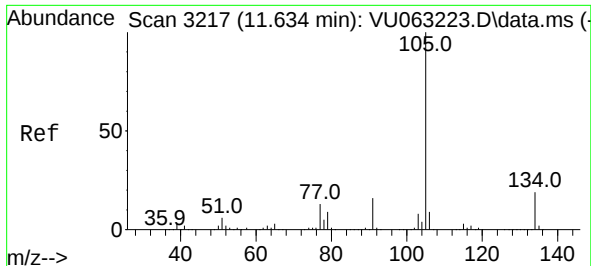
Tgt Ion:105 Resp: 668930

Ion Ratio Lower Upper

105 100

120 43.8 21.9 65.7





#79

sec-Butylbenzene

Concen: 10.932 ug/l

RT: 11.634 min Scan# 3217

Delta R.T. 0.000 min

Lab File: VU063223.D

Acq: 10 Feb 2025 15:06

Instrument :

MSVOA_U

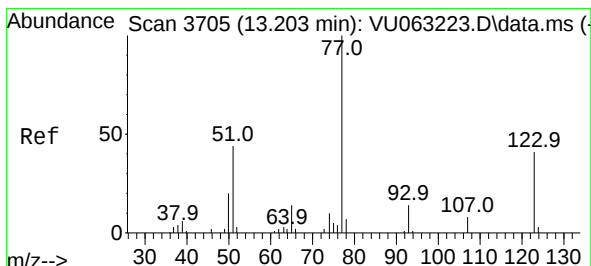
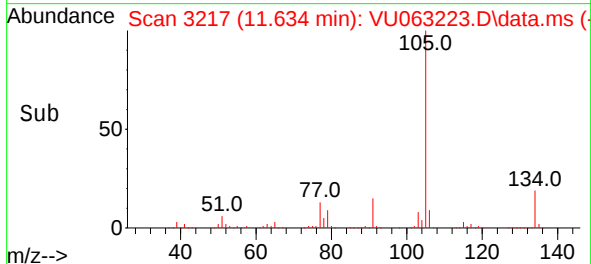
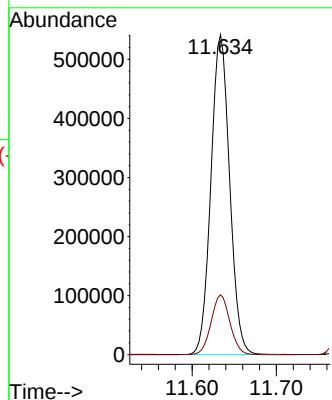
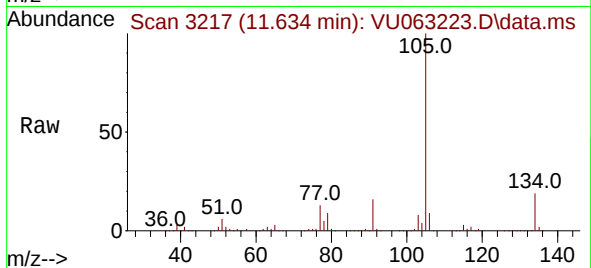
ClientSampleId :

Tgt Ion:105 Resp: 833792

Ion Ratio Lower Upper

105 100

134 18.9 15.1 22.7



#80

Nitrobenzene

Concen: 50.821 ug/l

RT: 13.203 min Scan# 3705

Delta R.T. 0.000 min

Lab File: VU063223.D

Acq: 10 Feb 2025 15:06

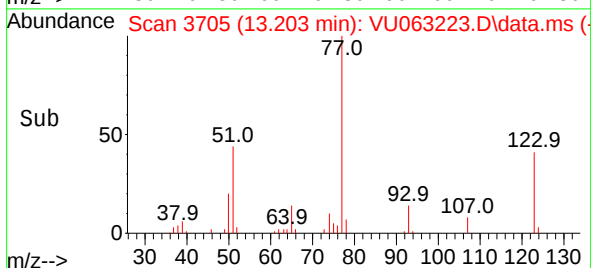
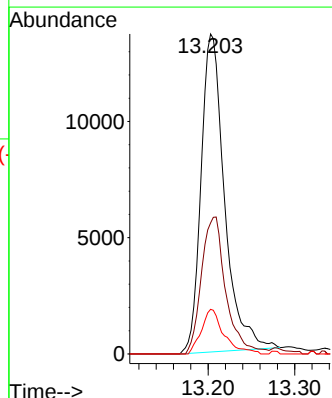
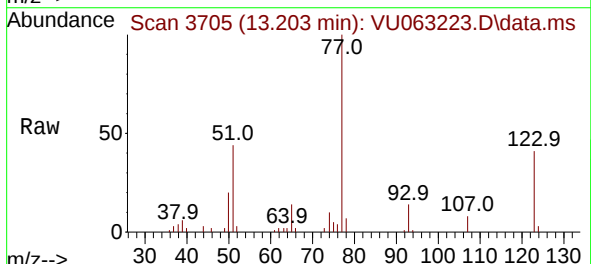
Tgt Ion: 77 Resp: 25795

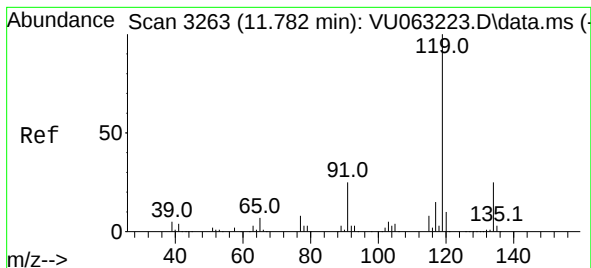
Ion Ratio Lower Upper

77 100

123 43.0 18.9 67.1

65 13.5 11.9 15.1





#81

p-Isopropyltoluene

Concen: 11.219 ug/l

RT: 11.782 min Scan# 3263

Delta R.T. 0.000 min

Lab File: VU063223.D

Acq: 10 Feb 2025 15:06

Instrument :

MSVOA_U

ClientSampleId :

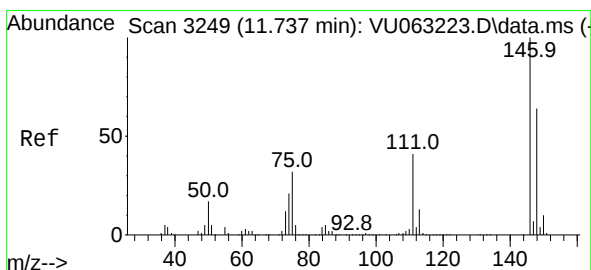
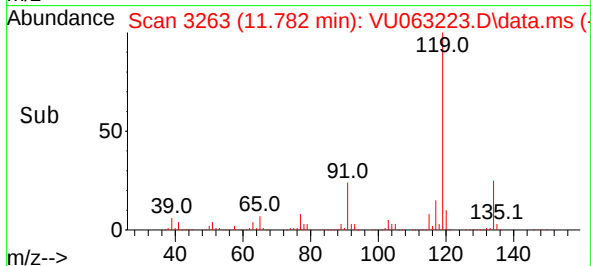
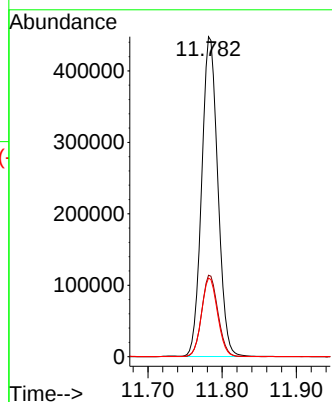
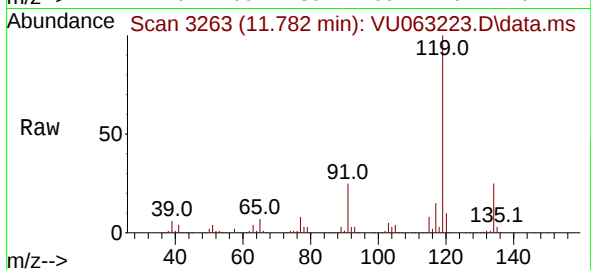
Tgt Ion:119 Resp: 675304

Ion Ratio Lower Upper

119 100

134 25.4 20.3 30.5

91 24.3 19.4 29.2



#82

1,3-Dichlorobenzene

Concen: 10.314 ug/l

RT: 11.737 min Scan# 3249

Delta R.T. 0.000 min

Lab File: VU063223.D

Acq: 10 Feb 2025 15:06

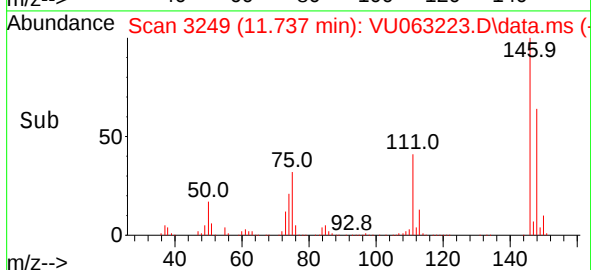
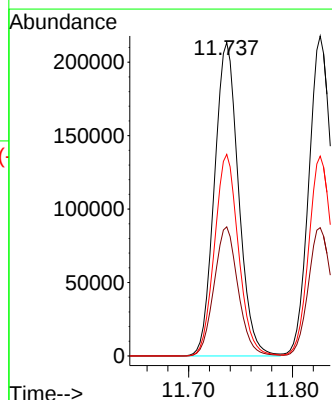
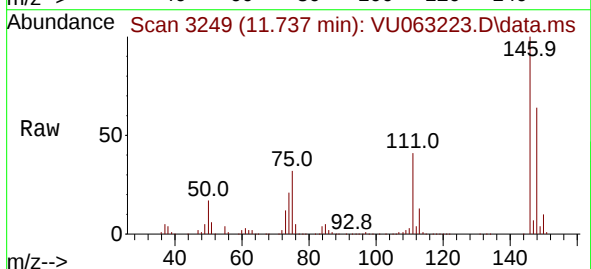
Tgt Ion:146 Resp: 344574

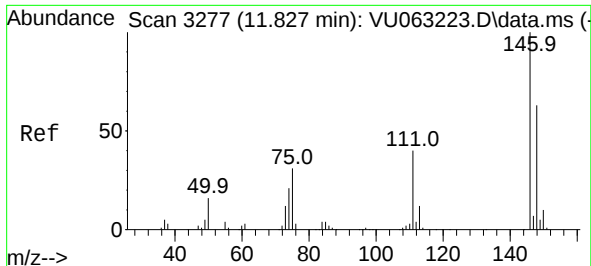
Ion Ratio Lower Upper

146 100

111 41.0 32.8 49.2

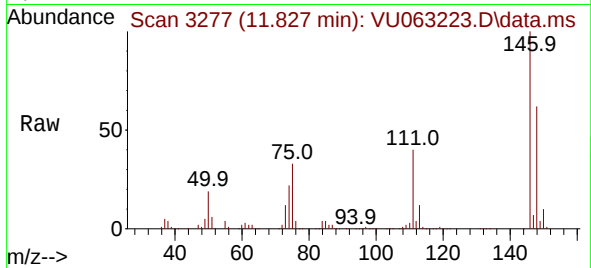
148 63.9 51.1 76.7



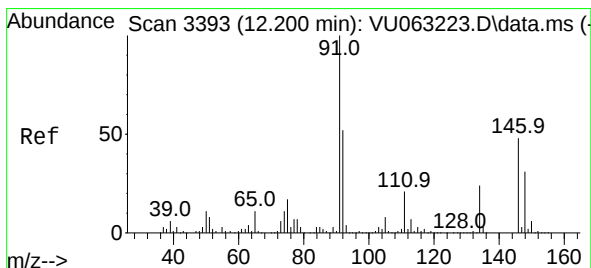
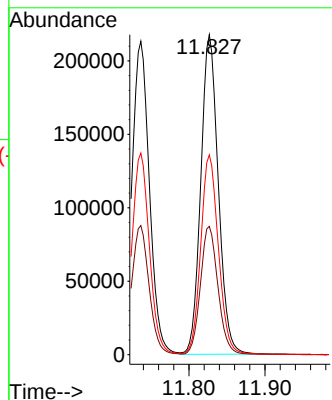
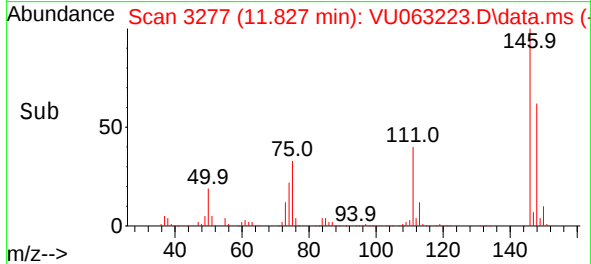


#83
1,4-Dichlorobenzene
Concen: 10.638 ug/l
RT: 11.827 min Scan# 3277
Delta R.T. 0.000 min
Lab File: VU063223.D
Acq: 10 Feb 2025 15:06

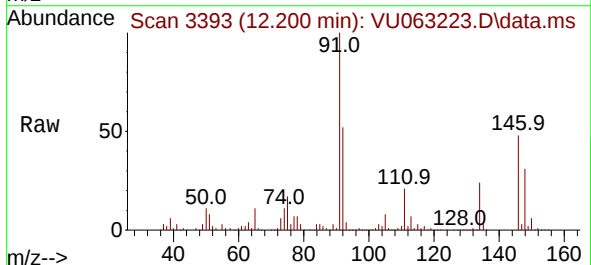
Instrument :
MSVOA_U
ClientSampleId :



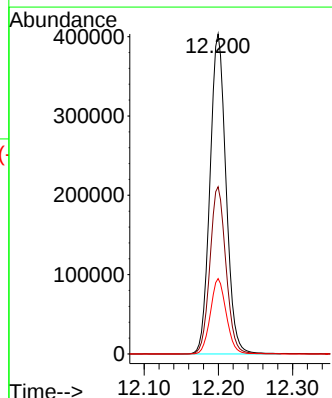
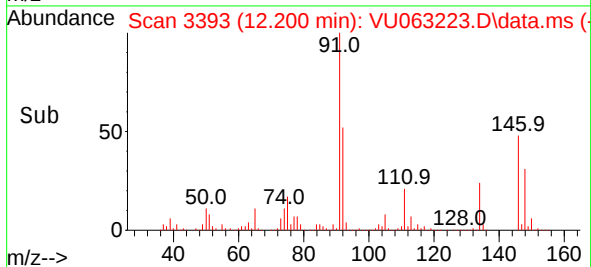
Tgt Ion:146 Resp: 347616
Ion Ratio Lower Upper
146 100
111 40.1 32.1 48.1
148 62.8 50.2 75.4

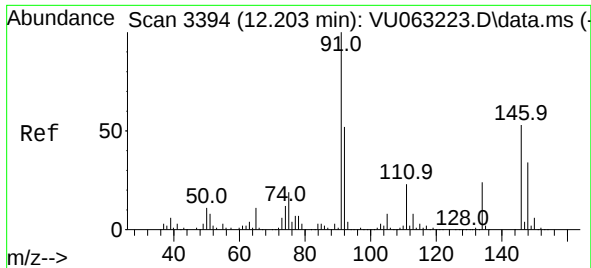


#84
n-Butylbenzene
Concen: 11.122 ug/l
RT: 12.200 min Scan# 3393
Delta R.T. 0.000 min
Lab File: VU063223.D
Acq: 10 Feb 2025 15:06



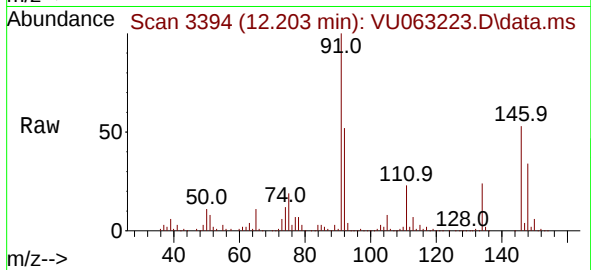
Tgt Ion: 91 Resp: 603657
Ion Ratio Lower Upper
91 100
92 52.3 41.8 62.8
134 23.3 18.6 28.0



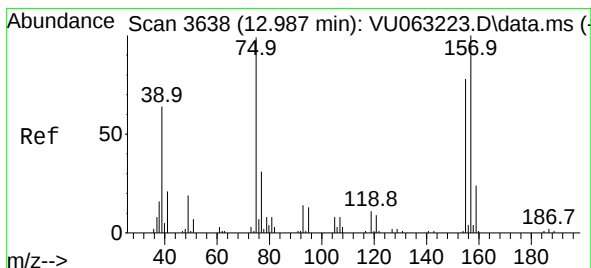
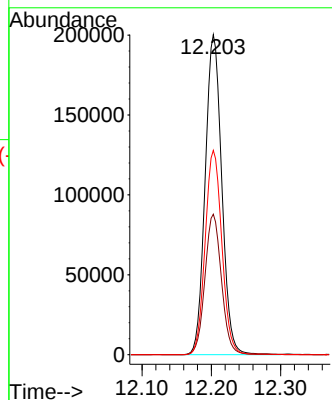
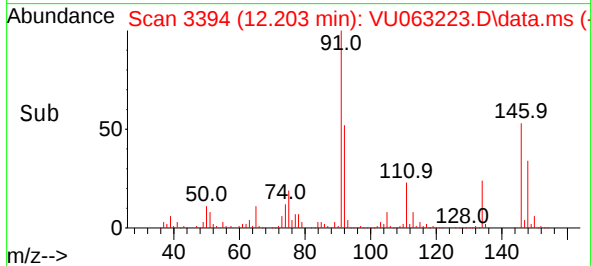


#85
1,2-Dichlorobenzene
Concen: 10.342 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. 0.000 min
Lab File: VU063223.D
Acq: 10 Feb 2025 15:06

Instrument :
MSVOA_U
ClientSampleId :

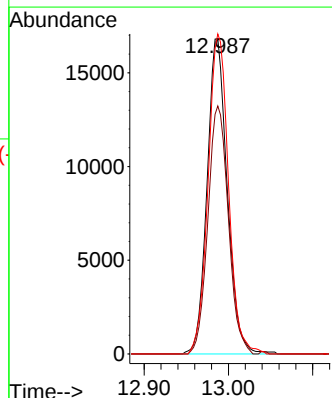
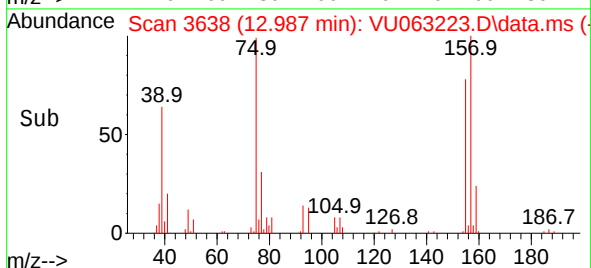
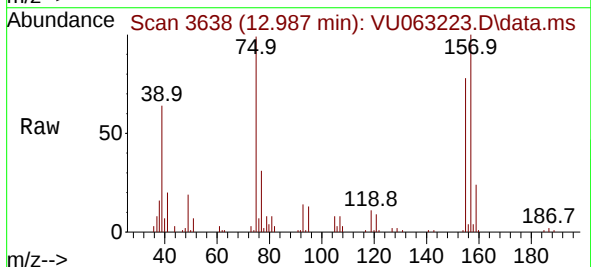


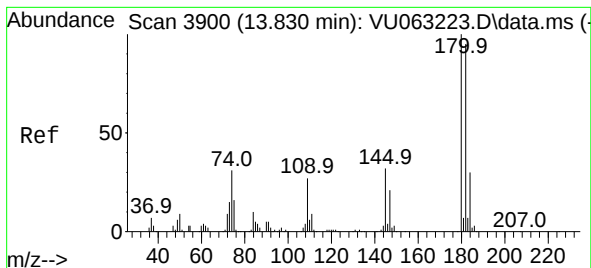
Tgt Ion:146 Resp: 332012
Ion Ratio Lower Upper
146 100
111 43.8 21.9 65.7
148 64.6 32.3 96.9



#86
1,2-Dibromo-3-Chloropropane
Concen: 11.713 ug/l
RT: 12.987 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VU063223.D
Acq: 10 Feb 2025 15:06

Tgt Ion: 75 Resp: 28133
Ion Ratio Lower Upper
75 100
155 79.4 63.5 95.3
157 102.2 81.8 122.6





#87

1,2,4-Trichlorobenzene

Concen: 11.361 ug/l

RT: 13.830 min Scan# 3900

Delta R.T. 0.000 min

Lab File: VU063223.D

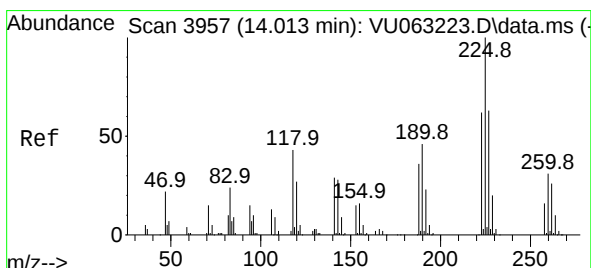
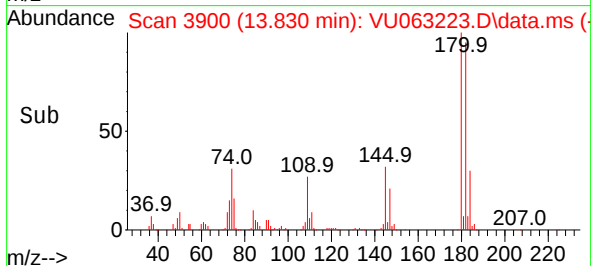
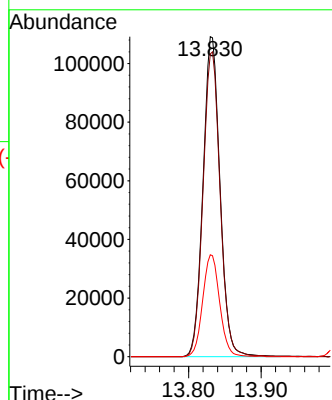
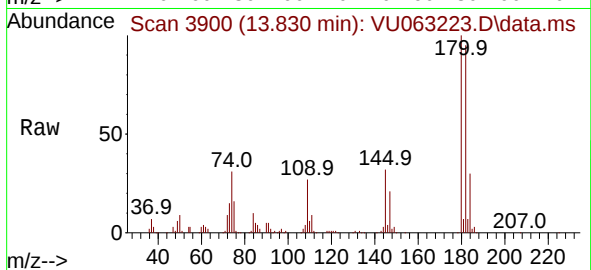
Acq: 10 Feb 2025 15:06

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	180	Resp:	177895
Ion Ratio	Lower	Upper	
180	100		
182	95.8	76.6	115.0
145	31.8	25.4	38.2



#88

Hexachlorobutadiene

Concen: 9.389 ug/l

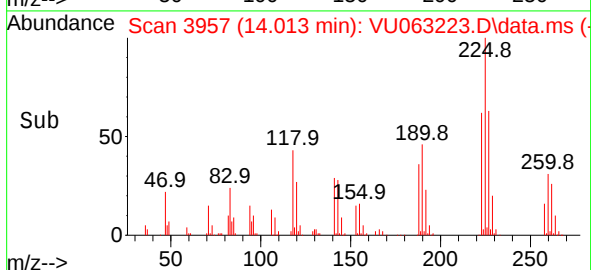
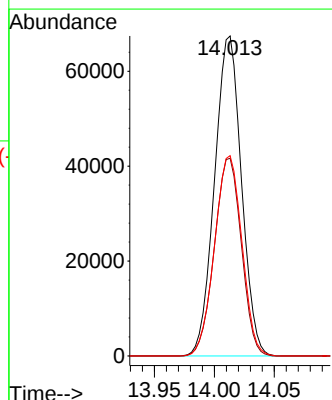
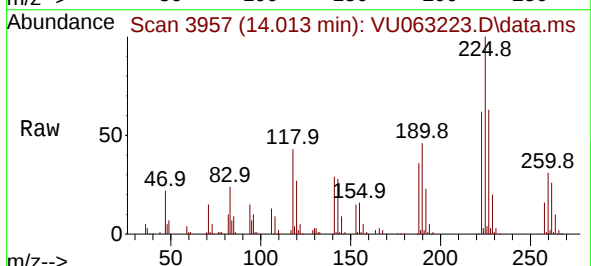
RT: 14.013 min Scan# 3957

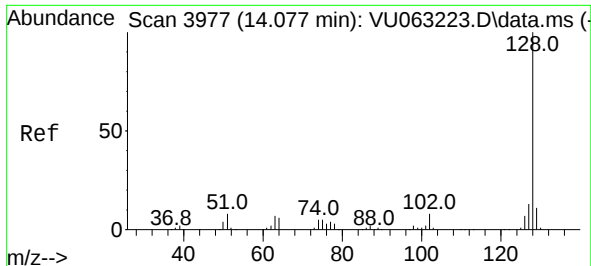
Delta R.T. 0.000 min

Lab File: VU063223.D

Acq: 10 Feb 2025 15:06

Tgt Ion:	225	Resp:	105064
Ion Ratio	Lower	Upper	
225	100		
223	61.9	49.5	74.3
227	63.7	51.0	76.4





#89

Naphthalene

Concen: 9.843 ug/l

RT: 14.077 min Scan# 3977

Delta R.T. 0.000 min

Lab File: VU063223.D

Acq: 10 Feb 2025 15:06

Instrument :

MSVOA_U

ClientSampleId :

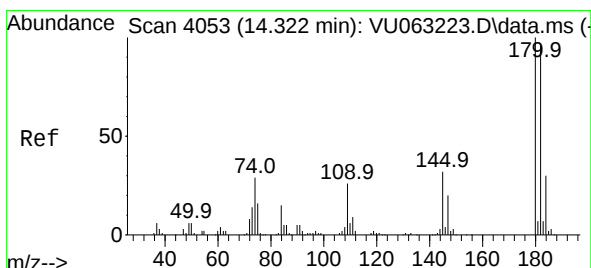
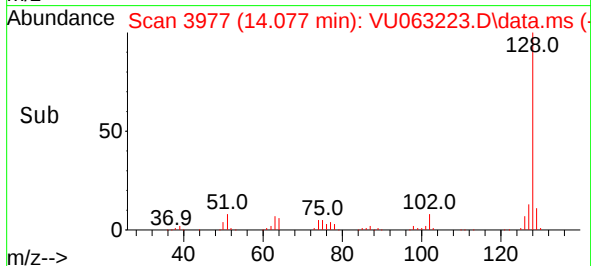
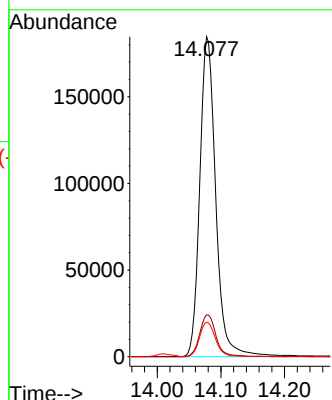
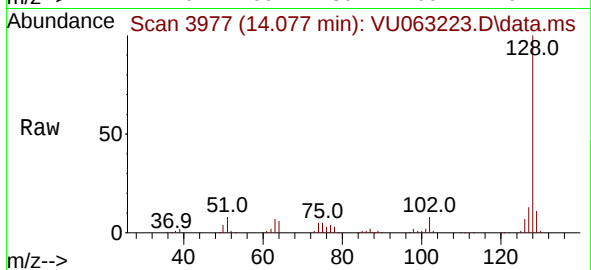
Tgt Ion:128 Resp: 321601

Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

129 10.8 8.6 13.0



#90

1,2,3-Trichlorobenzene

Concen: 11.421 ug/l

RT: 14.322 min Scan# 4053

Delta R.T. 0.000 min

Lab File: VU063223.D

Acq: 10 Feb 2025 15:06

Tgt Ion:180 Resp: 174986

Ion Ratio Lower Upper

180 100

182 97.7 78.2 117.2

145 32.6 26.1 39.1

