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 Data File : VU063247.D
 Acq On : 11 Feb 2025 19:54
 Operator : MD/SY
 Sample : VSTDCCC010EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 12 04:33:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021025DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Feb 11 08:42:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.104	96	52981	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.624	95	18943	1.084	ug/l	0.00
Spiked Amount	1.000		Recovery	=	108.000%	
68) 1,2-Dichlorobenzene-d4	12.180	152	19039	1.048	ug/l	0.00
Spiked Amount	1.000		Recovery	=	105.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.377	85	157568	9.154	ug/l	98
3) Chloromethane	1.515	50	191540	9.662	ug/l	99
4) Vinyl Chloride	1.599	62	189434	9.658	ug/l	100
5) Bromomethane	1.843	94	106294	11.091	ug/l	98
6) Chloroethane	1.920	64	116905	9.463	ug/l	98
7) Trichlorofluoromethane	2.129	101	219910	9.462	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.570	101	120389	9.125	ug/l	99
9) 1,1-Dichloroethene	2.567	96	129987	9.671	ug/l	99
10) Iodomethane	2.708	142	225304	10.662	ug/l	99
11) Allyl Chloride	2.911	41	180594	9.353	ug/l	100
12) Acrylonitrile	3.300	53	66081	21.315	ug/l	99
13) Acetone	2.612	43	117048	49.099	ug/l	99
14) Carbon Disulfide	2.782	76	437552	9.310	ug/l	100
15) Methylene Chloride	3.030	84	164860	9.928	ug/l	99
16) trans-1,2-Dichloroethene	3.338	96	152348	9.931	ug/l	99
17) 1,1-Dichloroethane	3.853	63	291468	10.080	ug/l	99
18) 2-Butanone	4.686	43	198718	52.377	ug/l	99
19) Cyclohexane	5.374	56	200417	8.625	ug/l	87
20) Methylcyclohexane	6.750	83	224956	9.763	ug/l	99
21) 2,2-Dichloropropane	4.647	77	153004	6.782	ug/l	98
22) cis-1,2-Dichloroethene	4.650	96	168940	10.192	ug/l	97
23) Diethyl Ether	2.364	59	113762	9.863	ug/l	98
24) tert-Butyl Alcohol	3.162	59	111504	94.304	ug/l	100
25) Methyl tert-Butyl Ether	3.348	73	353979	10.544	ug/l	99
26) Bromochloromethane	4.959	128	74581	10.294	ug/l	97
27) Chloroform	5.071	83	291149	9.977	ug/l	99
28) 1,1,1-Trichloroethane	5.300	97	234571	9.923	ug/l	99
29) 1,1-Dichloropropene	5.512	75	210401	9.938	ug/l	99
30) Carbon Tetrachloride	5.509	117	198010	9.768	ug/l	98
31) Isopropyl Ether	3.975	45	436711	10.579	ug/l	100
32) Ethyl-t-butyl ether	4.483	59	404211	10.767	ug/l	99
33) Tert-Amyl methyl ether	5.923	73	362861	11.062	ug/l	100
34) Propionitrile	4.753	54	65074	56.867	ug/l	98
35) Benzene	5.759	78	656632	10.087	ug/l	98
36) 1,2-Dichloroethane	5.779	62	188765	10.047	ug/l	100
37) Trichloroethene	6.531	130	153763	9.932	ug/l	97
38) 1,2-Dichloropropane	6.776	63	173793	10.200	ug/l	99
39) Methacrylonitrile	4.956	41	50004	11.725	ug/l	97
40) Methyl acrylate	4.833	55	83797	10.662	ug/l	98
41) Tetrahydrofuran	5.039	42	50510	20.365	ug/l	98
42) 1-Chlorobutane	5.444	56	295087	10.187	ug/l	99
43) Dibromomethane	6.904	93	87736	10.169	ug/l	99
44) Bromodichloromethane	7.091	83	209848	10.450	ug/l	98

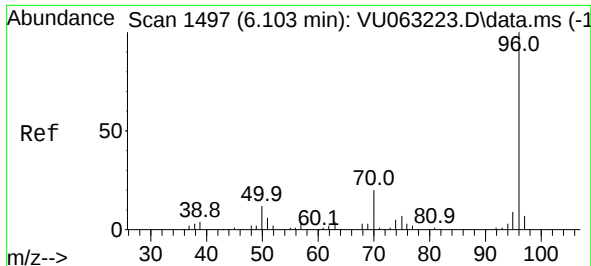
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021125\
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Feb 11 08:42:19 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.775	43	492605	54.459	ug/l	99
46) t-1,4-Dichloro-2-butene	10.814	75	191913	45.132	ug/l #	51
47) Methyl methacrylate	6.946	69	165487	22.772	ug/l	99
48) Ethyl methacrylate	8.322	69	158531	11.618	ug/l	100
49) Toluene	7.956	92	393757	10.518	ug/l	100
50) t-1,3-Dichloropropene	8.200	75	185356	10.082	ug/l	99
51) cis-1,3-Dichloropropene	7.595	75	221665	9.760	ug/l	98
52) 1,1,2-Trichloroethane	8.386	97	122554	10.535	ug/l	99
53) 1,3-Dichloropropane	8.563	76	215165	10.418	ug/l	98
54) 2-Hexanone	8.669	43	337564	54.686	ug/l	99
55) Dibromochloromethane	8.798	129	140827	10.523	ug/l	97
56) 1,2-Dibromoethane	8.910	107	114732	10.516	ug/l	98
58) Tetrachloroethene	8.541	164	126418	9.909	ug/l	99
59) Chlorobenzene	9.435	112	410668	10.395	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.521	131	148661	10.469	ug/l	99
61) Pentachloroethane	11.415	117	127814	10.076	ug/l	99
62) Hexachloroethane	12.463	117	113342	10.099	ug/l	99
63) Ethyl Benzene	9.560	91	732149	10.746	ug/l	99
64) m/p-Xylenes	9.682	106	563239	22.131	ug/l	100
65) o-Xylene	10.087	106	270592	10.861	ug/l	100
66) Styrene	10.103	104	453847	11.446	ug/l	100
67) Bromoform	10.277	173	81875	10.779	ug/l	98
69) Isopropylbenzene	10.473	105	631281	10.778	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.769	83	161046	10.272	ug/l	99
71) 1,2,3-Trichloropropane	10.814	75	191913	16.292	ug/l #	75
72) Bromobenzene	10.772	156	167229	10.596	ug/l	99
73) n-propylbenzene	10.894	120	187327	11.170	ug/l	98
74) 2-Chlorotoluene	10.975	126	168006	10.870	ug/l	99
75) 1,3,5-Trimethylbenzene	11.078	105	605690	11.160	ug/l	99
76) 4-Chlorotoluene	11.087	126	174397	11.003	ug/l	97
77) tert-Butylbenzene	11.409	119	581571	10.595	ug/l	100
78) 1,2,4-Trimethylbenzene	11.457	105	612510	11.374	ug/l	100
79) sec-Butylbenzene	11.631	105	750172	10.734	ug/l	100
80) Nitrobenzene	13.203	77	19044	41.694	ug/l	94
81) p-Isopropyltoluene	11.782	119	605994	10.987	ug/l	99
82) 1,3-Dichlorobenzene	11.734	146	321261	10.495	ug/l	100
83) 1,4-Dichlorobenzene	11.824	146	321627	10.742	ug/l	98
84) n-Butylbenzene	12.200	91	532040	10.758	ug/l	99
85) 1,2-Dichlorobenzene	12.200	146	311274	10.581	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.984	75	24252	11.020	ug/l	98
87) 1,2,4-Trichlorobenzene	13.830	180	162209	11.306	ug/l	99
88) Hexachlorobutadiene	14.010	225	94252	9.192	ug/l	100
89) Naphthalene	14.077	128	263866	8.885	ug/l	99
90) 1,2,3-Trichlorobenzene	14.319	180	158862	11.316	ug/l	98

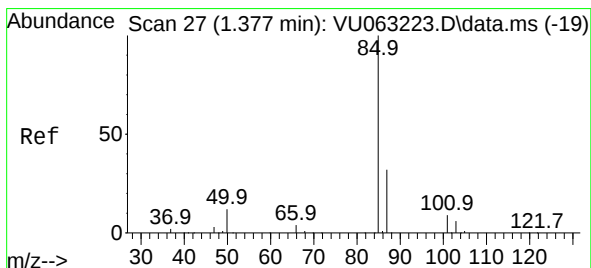
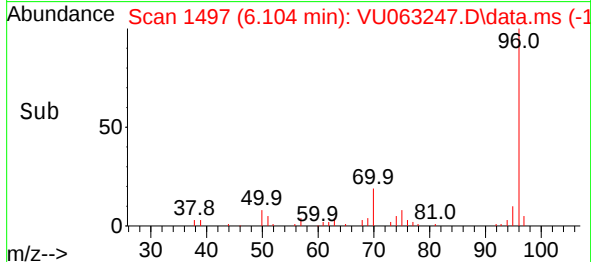
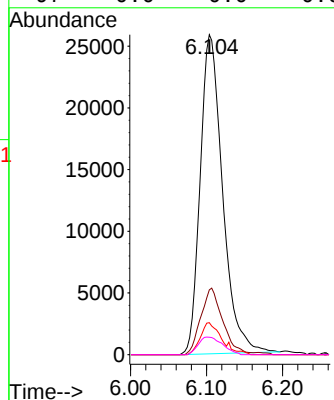
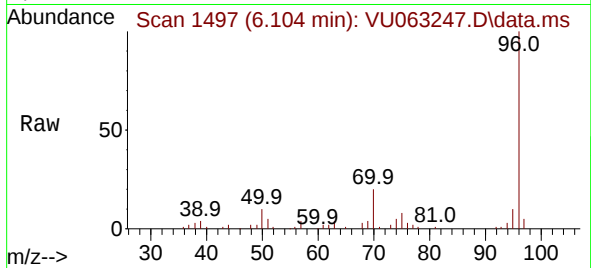
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.104 min Scan# 1497
Delta R.T. 0.001 min
Lab File: VU063247.D
Acq: 11 Feb 2025 19:54

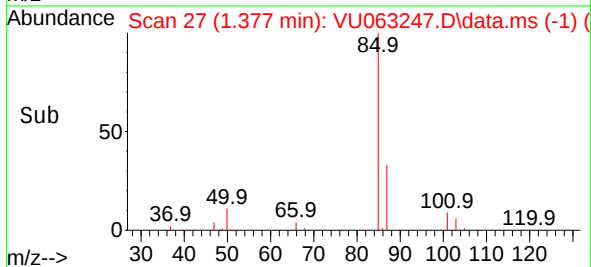
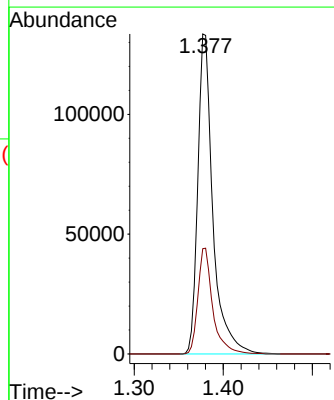
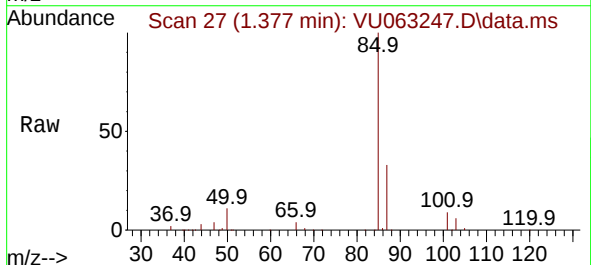
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MSVOA_U
ClientSampleId :

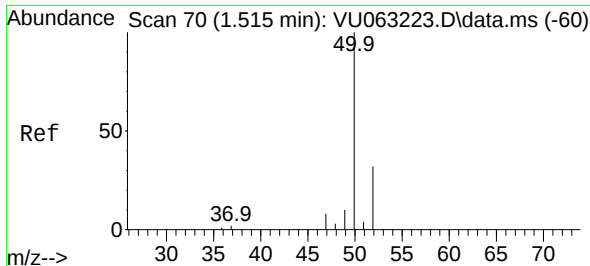
Tgt Ion: 96	Resp: 52981
Ion Ratio	Lower Upper
96 100	
70 19.6	15.6 23.4
95 9.6	7.3 10.9
97 0.0	0.0 0.0



#2
Dichlorodifluoromethane
Concen: 9.154 ug/l
RT: 1.377 min Scan# 27
Delta R.T. 0.000 min
Lab File: VU063247.D
Acq: 11 Feb 2025 19:54

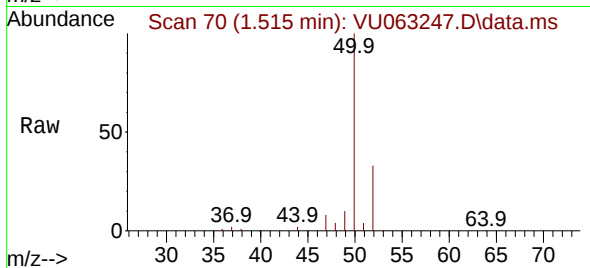
Tgt Ion: 85	Resp: 157568
Ion Ratio	Lower Upper
85 100	
87 32.9	16.0 48.0



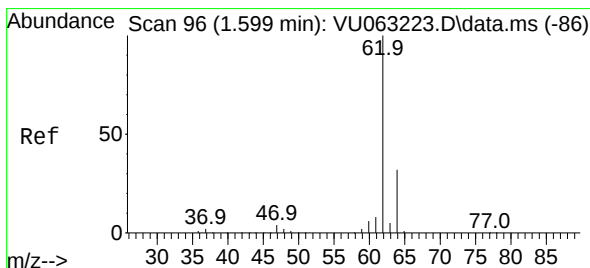
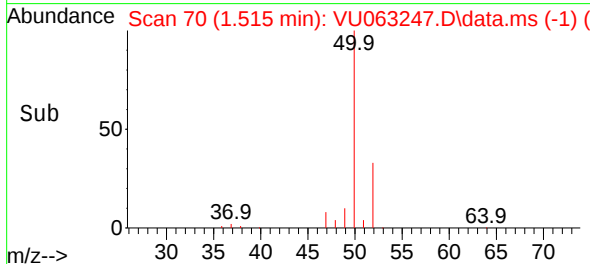
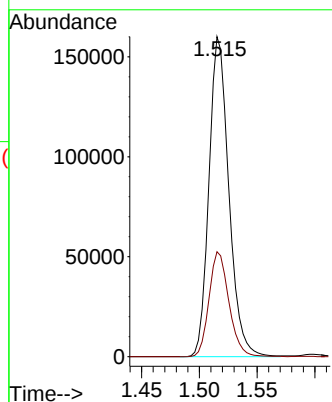


#3
Chloromethane
Concen: 9.662 ug/l
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU063247.D
Acq: 11 Feb 2025 19:54

Instrument :
MSVOA_U
ClientSampleId :

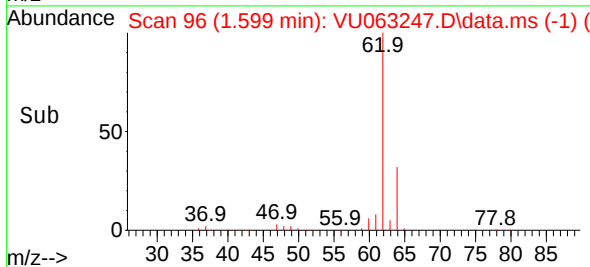
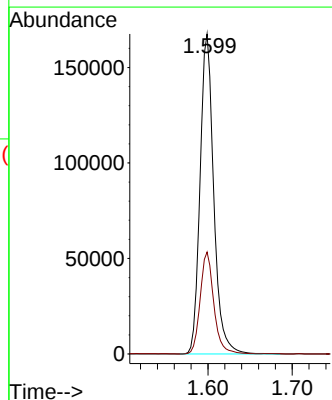
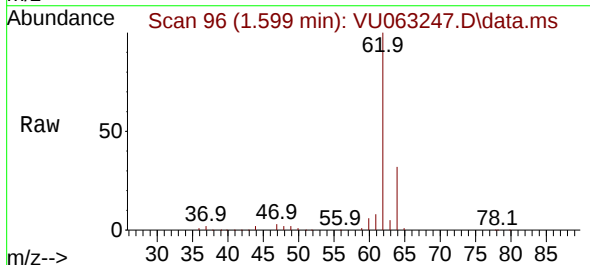


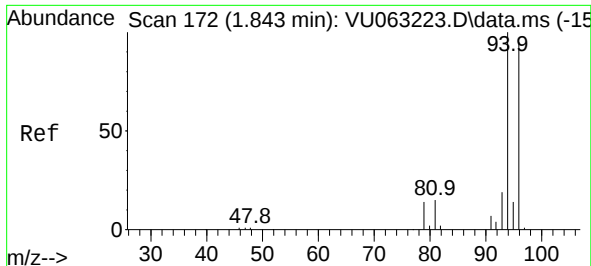
Tgt Ion: 50 Resp: 191540
Ion Ratio Lower Upper
50 100
52 32.8 25.8 38.8



#4
Vinyl Chloride
Concen: 9.658 ug/l
RT: 1.599 min Scan# 96
Delta R.T. 0.000 min
Lab File: VU063247.D
Acq: 11 Feb 2025 19:54

Tgt Ion: 62 Resp: 189434
Ion Ratio Lower Upper
62 100
64 31.8 25.4 38.0

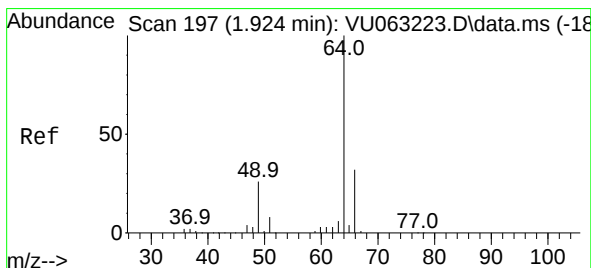
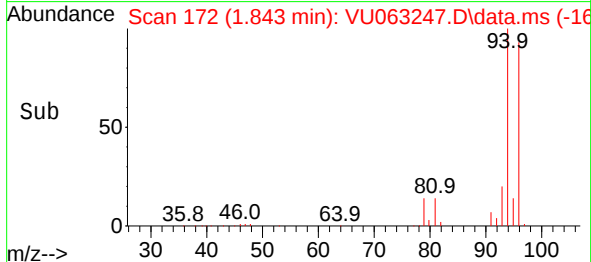
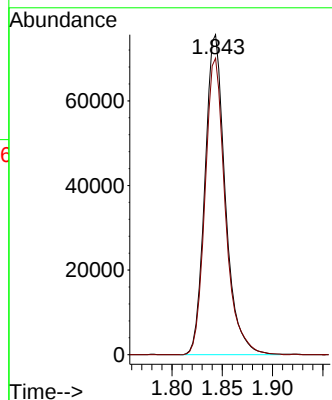
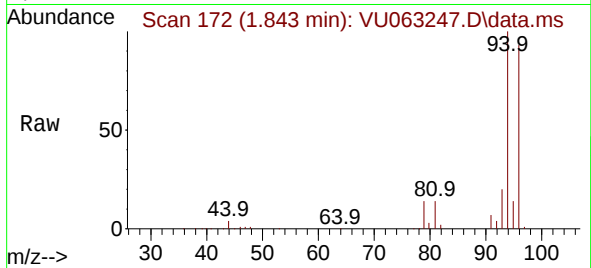




#5
Bromomethane
Concen: 11.091 ug/l
RT: 1.843 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU063247.D
Acq: 11 Feb 2025 19:54

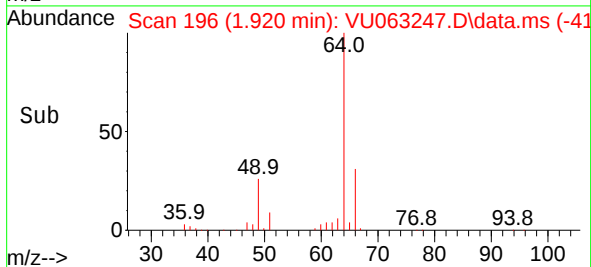
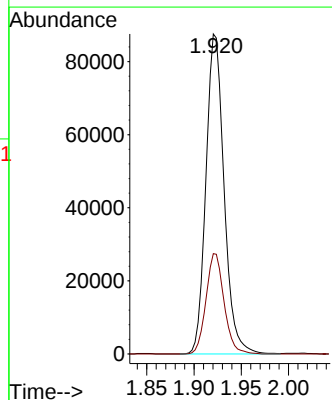
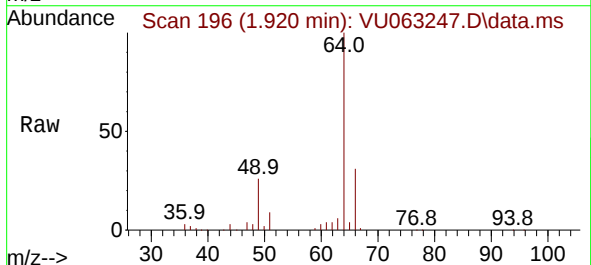
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ClientSampleId :

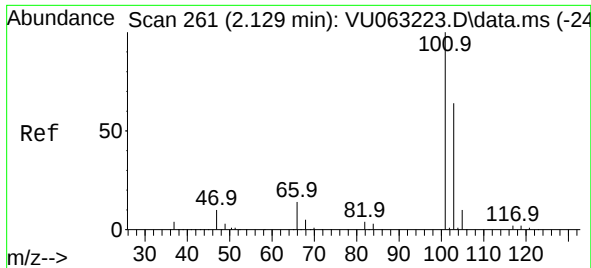
Tgt Ion: 94 Resp: 106294
Ion Ratio Lower Upper
94 100
96 92.6 75.7 113.5



#6
Chloroethane
Concen: 9.463 ug/l
RT: 1.920 min Scan# 196
Delta R.T. -0.003 min
Lab File: VU063247.D
Acq: 11 Feb 2025 19:54

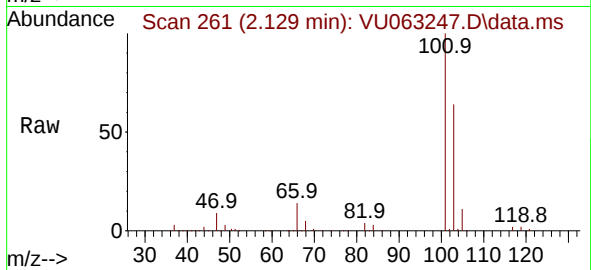
Tgt Ion: 64 Resp: 116905
Ion Ratio Lower Upper
64 100
66 31.4 25.8 38.8



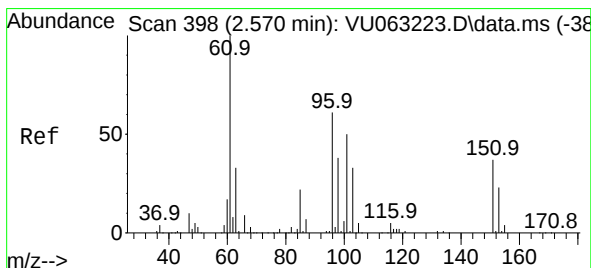
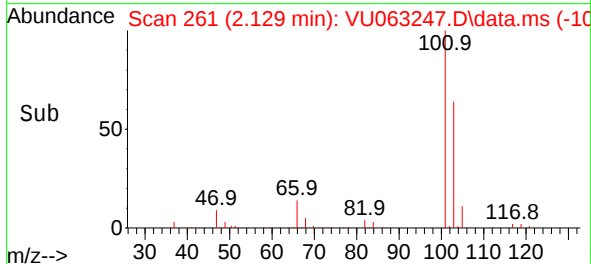
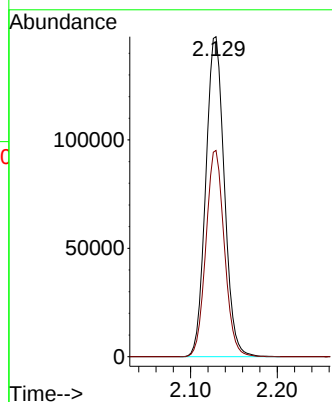


#7
 Trichlorofluoromethane
 Concen: 9.462 ug/l
 RT: 2.129 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VU063247.D
 Acq: 11 Feb 2025 19:54

Instrument :
 MSVOA_U
 ClientSampleId :

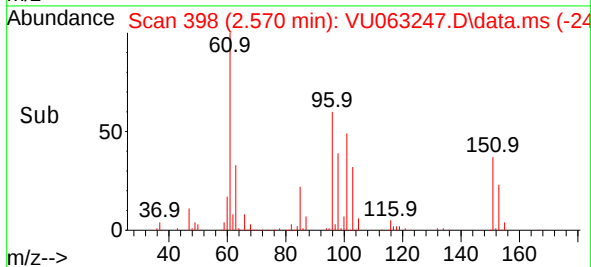
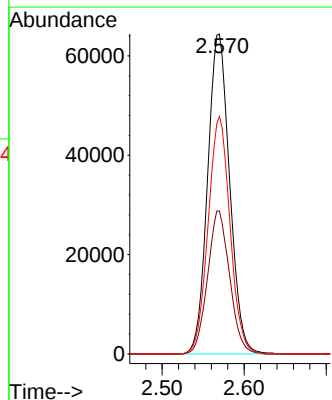
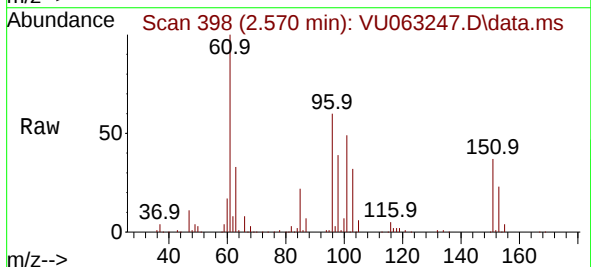


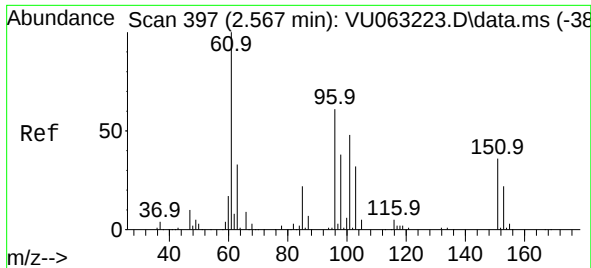
Tgt Ion:101 Resp: 219910
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.4 77.2



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 9.125 ug/l
 RT: 2.570 min Scan# 398
 Delta R.T. 0.000 min
 Lab File: VU063247.D
 Acq: 11 Feb 2025 19:54

Tgt Ion:101 Resp: 120389
 Ion Ratio Lower Upper
 101 100
 85 44.7 35.4 53.0
 151 73.9 58.5 87.7

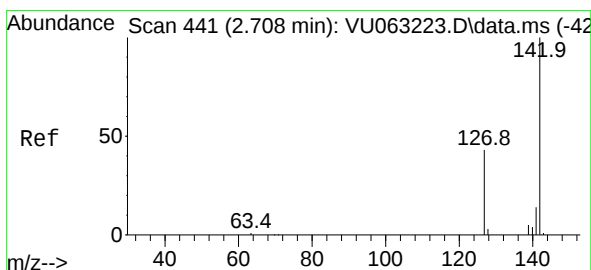
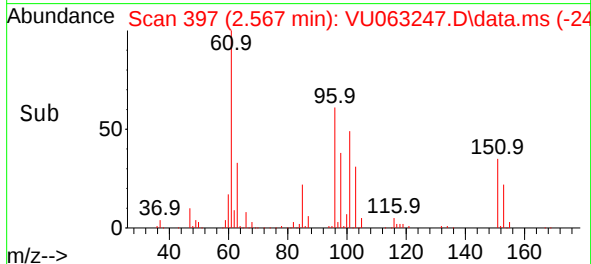
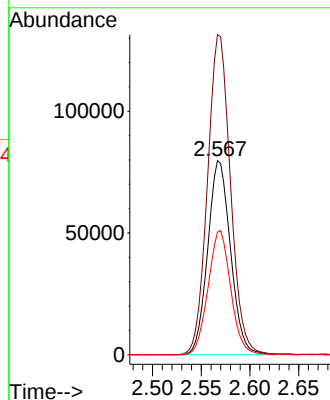
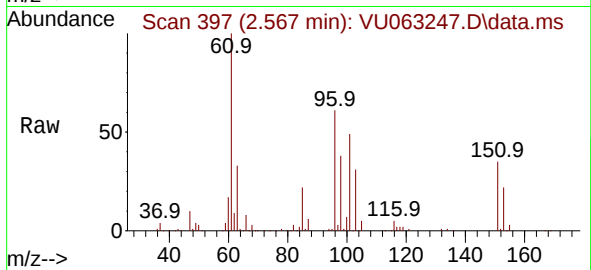




#9
1,1-Dichloroethene
Concen: 9.671 ug/l
RT: 2.567 min Scan# 397
Delta R.T. 0.000 min
Lab File: VU063247.D
Acq: 11 Feb 2025 19:54

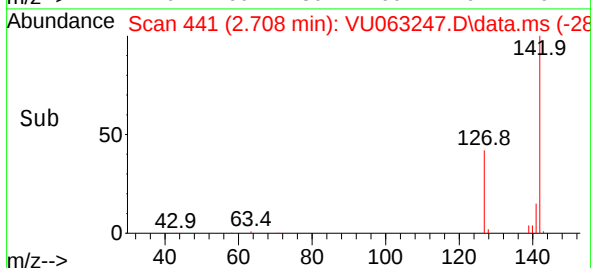
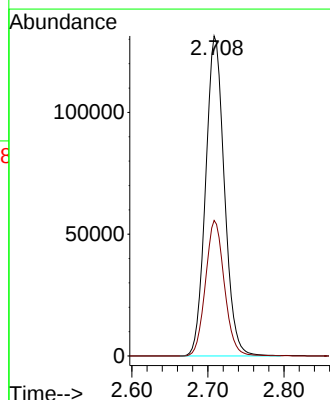
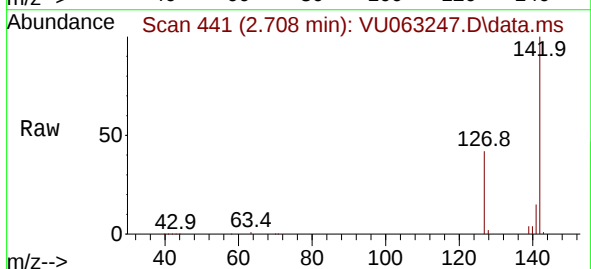
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MSVOA_U
ClientSampleId :

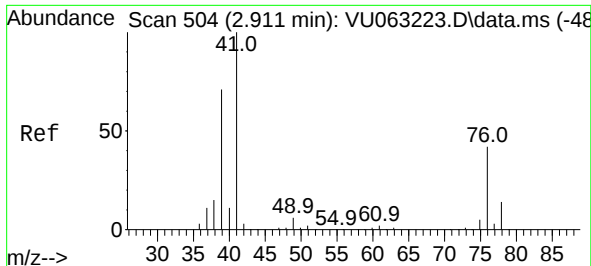
Tgt Ion: 96 Resp: 129987
Ion Ratio Lower Upper
96 100
61 164.8 0.0 492.9
98 63.2 0.0 124.0



#10
Iodomethane
Concen: 10.662 ug/l
RT: 2.708 min Scan# 441
Delta R.T. 0.000 min
Lab File: VU063247.D
Acq: 11 Feb 2025 19:54

Tgt Ion:142 Resp: 225304
Ion Ratio Lower Upper
142 100
127 42.6 34.5 51.7

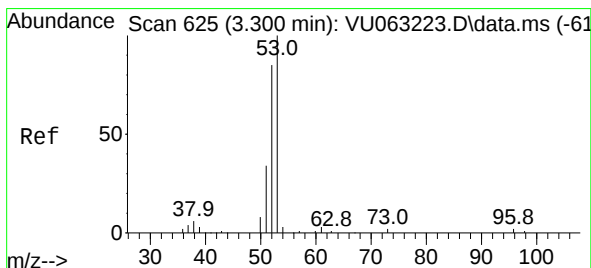
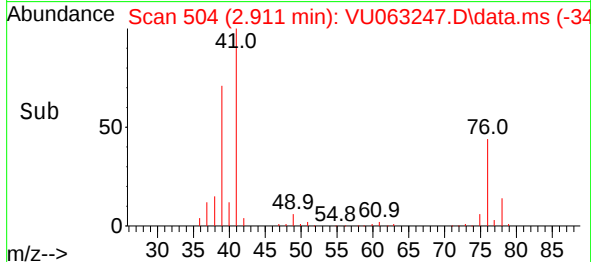
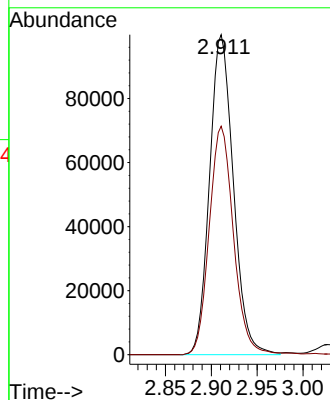
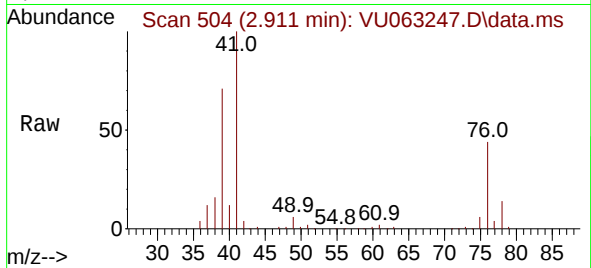




#11
 Allyl Chloride
 Concen: 9.353 ug/l
 RT: 2.911 min Scan# 504
 Delta R.T. 0.000 min
 Lab File: VU063247.D
 Acq: 11 Feb 2025 19:54

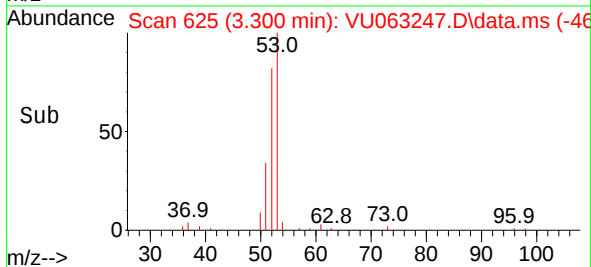
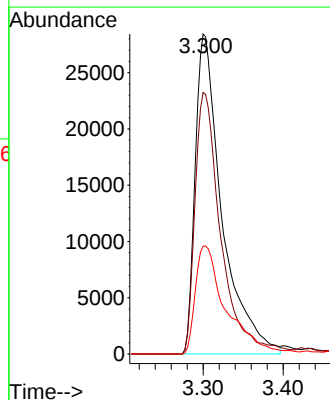
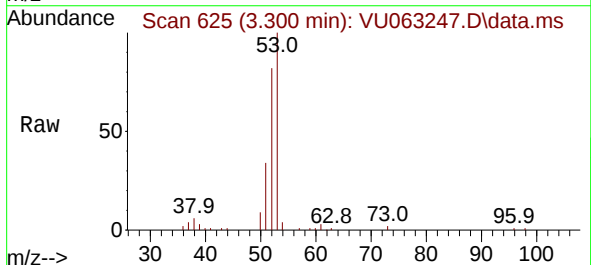
Instrument :
 MSVOA_U
 ClientSampleId :

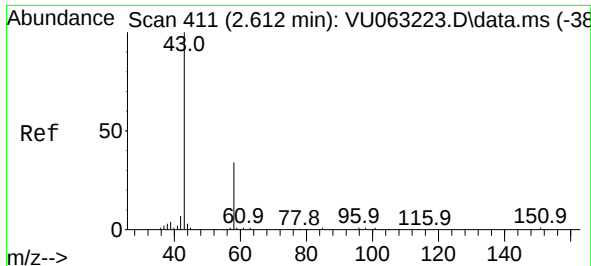
Tgt Ion: 41 Resp: 180594
 Ion Ratio Lower Upper
 41 100
 39 72.8 57.9 86.9



#12
 Acrylonitrile
 Concen: 21.315 ug/l
 RT: 3.300 min Scan# 625
 Delta R.T. 0.000 min
 Lab File: VU063247.D
 Acq: 11 Feb 2025 19:54

Tgt Ion: 53 Resp: 66081
 Ion Ratio Lower Upper
 53 100
 52 79.3 64.2 96.2
 51 38.8 30.8 46.2





#13

Acetone

Concen: 49.099 ug/l

RT: 2.612 min Scan# 411

Delta R.T. 0.000 min

Lab File: VU063247.D

Acq: 11 Feb 2025 19:54

Instrument :

MSVOA_U

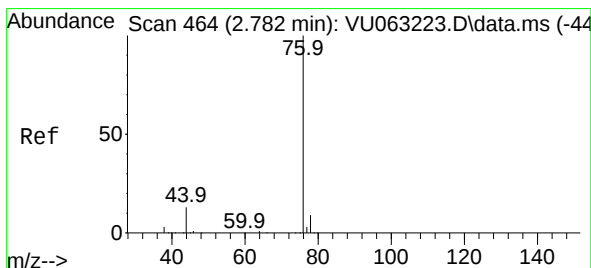
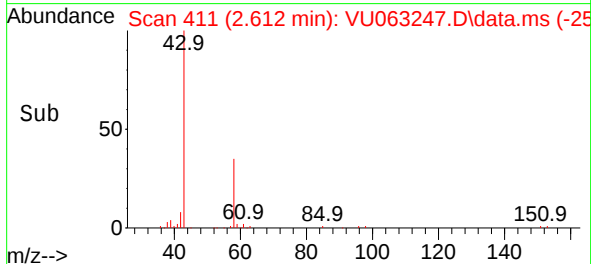
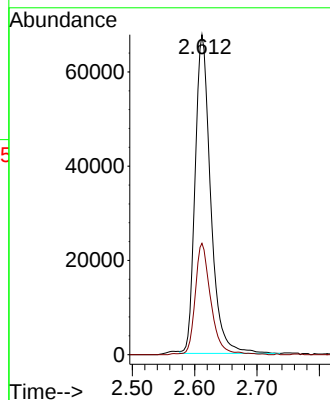
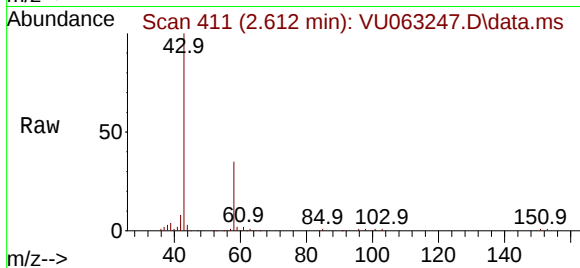
ClientSampleId :

Tgt Ion: 43 Resp: 117048

Ion Ratio Lower Upper

43 100

58 35.0 27.4 41.0



#14

Carbon Disulfide

Concen: 9.310 ug/l

RT: 2.782 min Scan# 464

Delta R.T. 0.000 min

Lab File: VU063247.D

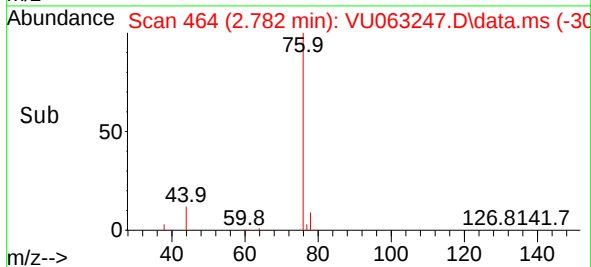
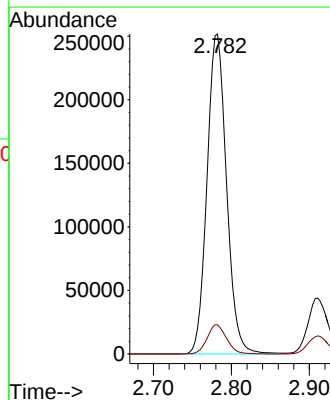
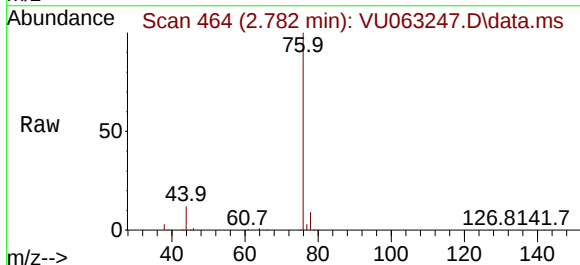
Acq: 11 Feb 2025 19:54

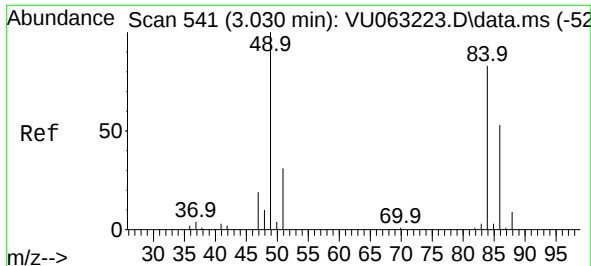
Tgt Ion: 76 Resp: 437552

Ion Ratio Lower Upper

76 100

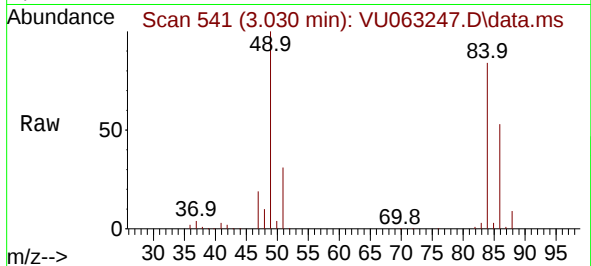
78 9.1 7.2 10.8



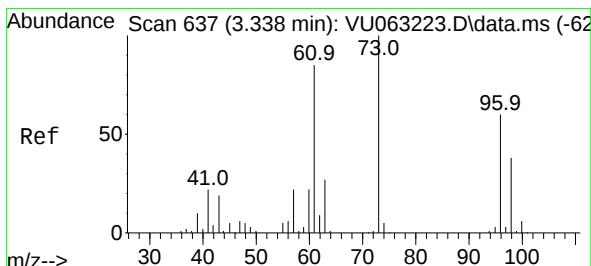
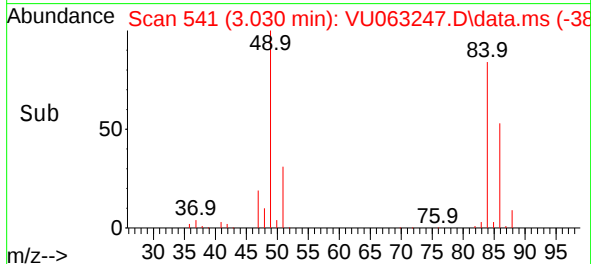
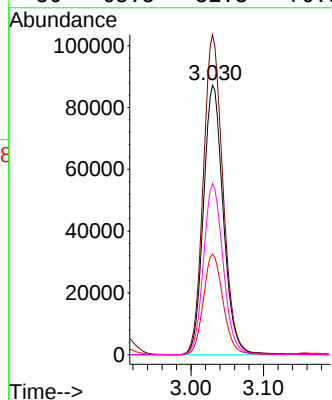


#15
Methylene Chloride
Concen: 9.928 ug/l
RT: 3.030 min Scan# 541
Delta R.T. 0.000 min
Lab File: VU063247.D
Acq: 11 Feb 2025 19:54

Instrument :
MSVOA_U
ClientSampleId :

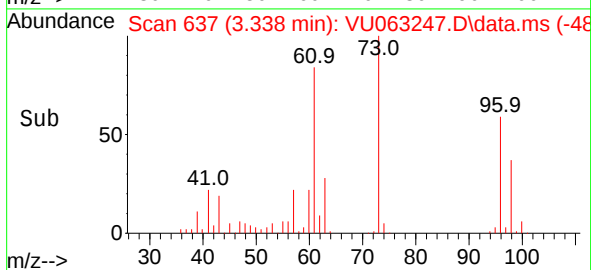
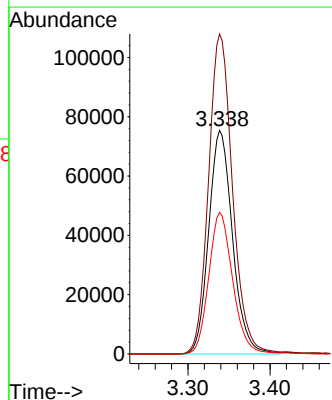
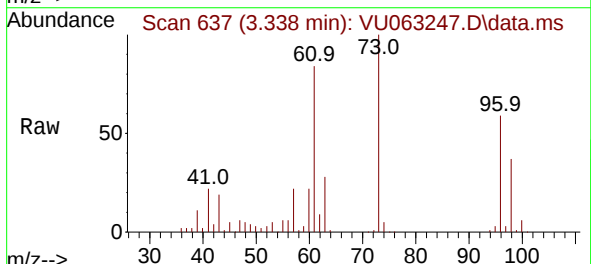


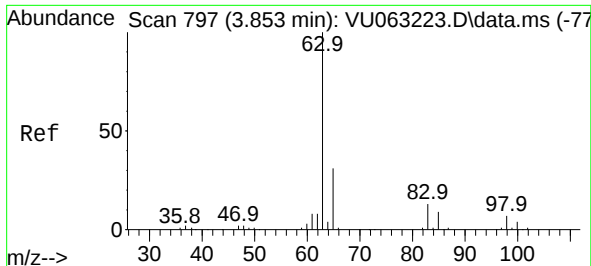
Tgt Ion:	84	Resp:	164860
Ion	Ratio	Lower	Upper
84	100		
49	118.7	96.4	144.6
51	37.4	0.0	74.8
86	63.5	51.3	76.9



#16
trans-1,2-Dichloroethene
Concen: 9.931 ug/l
RT: 3.338 min Scan# 637
Delta R.T. 0.000 min
Lab File: VU063247.D
Acq: 11 Feb 2025 19:54

Tgt Ion:	96	Resp:	152348
Ion	Ratio	Lower	Upper
96	100		
61	143.2	113.4	170.2
98	63.3	51.2	76.8

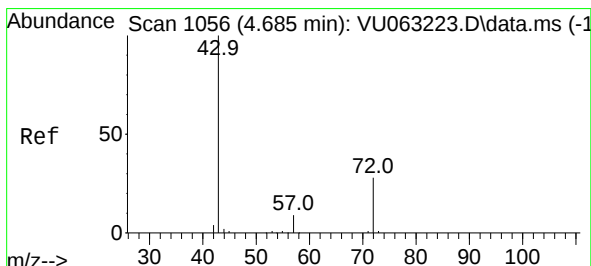
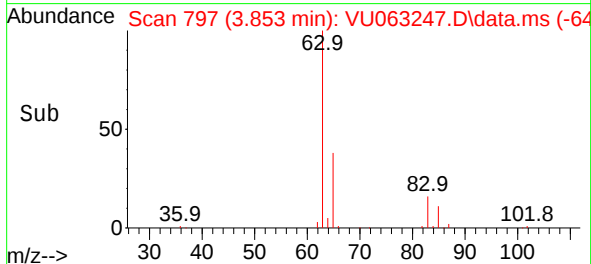
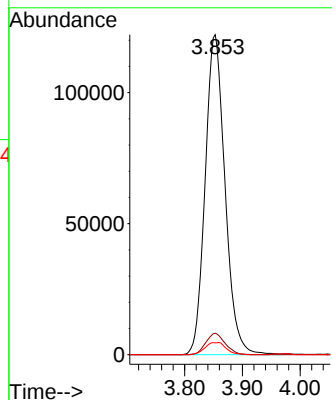
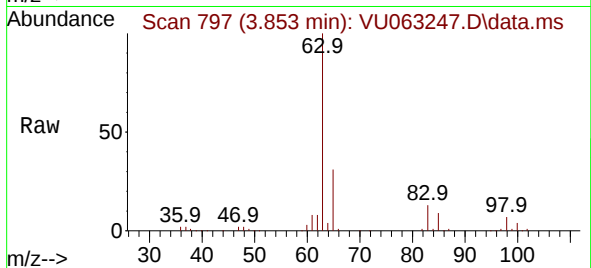




#17
1,1-Dichloroethane
Concen: 10.080 ug/l
RT: 3.853 min Scan# 797
Delta R.T. 0.000 min
Lab File: VU063247.D
Acq: 11 Feb 2025 19:54

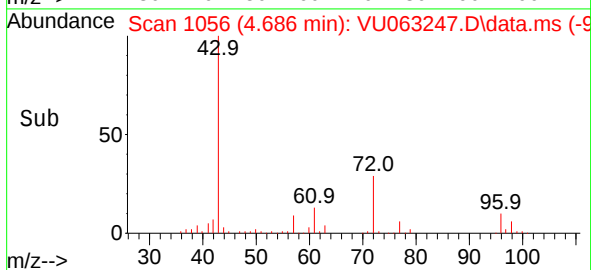
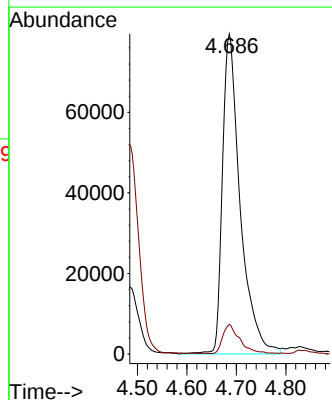
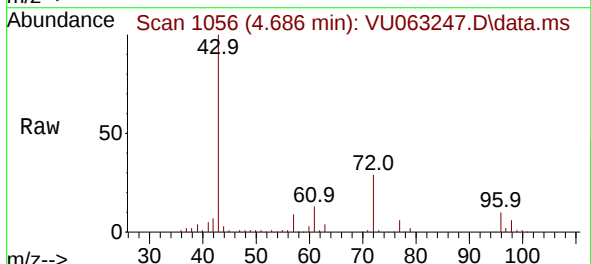
Instrument :
MSVOA_U
ClientSampleId :

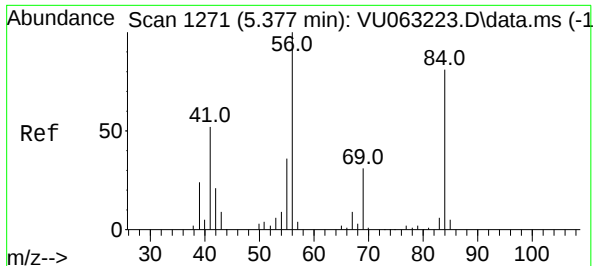
Tgt Ion: 63 Resp: 291468
Ion Ratio Lower Upper
63 100
98 6.7 3.3 9.9
100 3.7 2.1 6.2



#18
2-Butanone
Concen: 52.377 ug/l
RT: 4.686 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VU063247.D
Acq: 11 Feb 2025 19:54

Tgt Ion: 43 Resp: 198718
Ion Ratio Lower Upper
43 100
57 9.0 0.0 17.0





#19

Cyclohexane

Concen: 8.625 ug/l

RT: 5.374 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU063247.D

Acq: 11 Feb 2025 19:54

Instrument :

MSVOA_U

ClientSampleId :

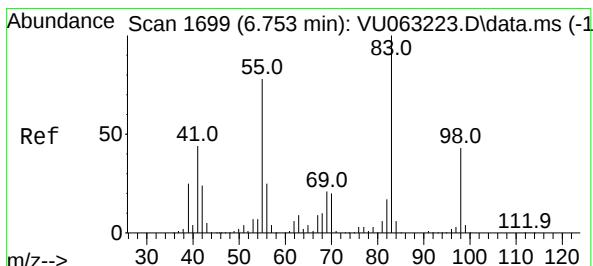
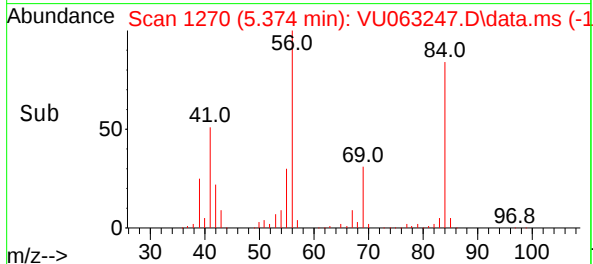
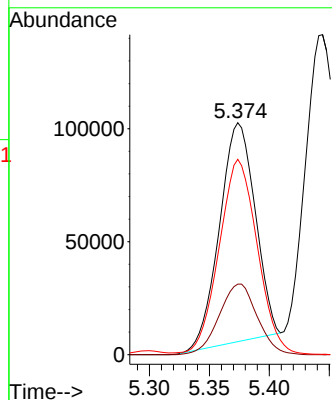
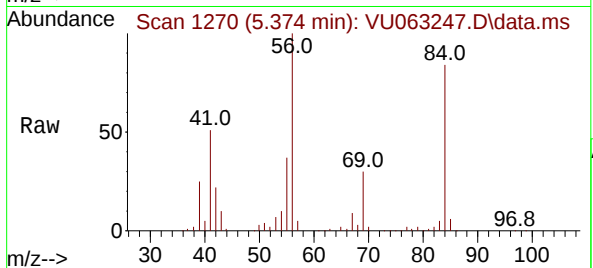
Tgt Ion: 56 Resp: 200417

Ion Ratio Lower Upper

56 100

69 34.4 24.5 36.7

84 94.6 65.2 97.8



#20

Methylcyclohexane

Concen: 9.763 ug/l

RT: 6.750 min Scan# 1698

Delta R.T. -0.003 min

Lab File: VU063247.D

Acq: 11 Feb 2025 19:54

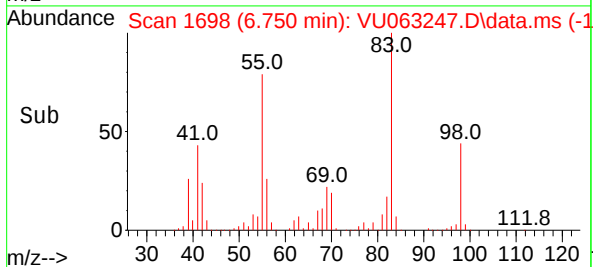
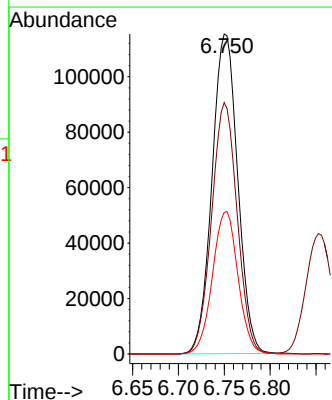
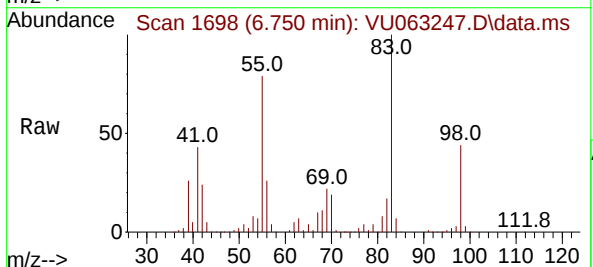
Tgt Ion: 83 Resp: 224956

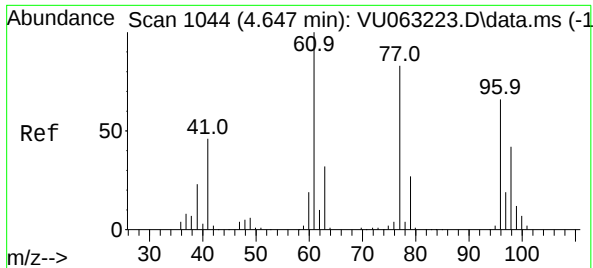
Ion Ratio Lower Upper

83 100

55 77.9 63.1 94.7

98 44.3 35.2 52.8

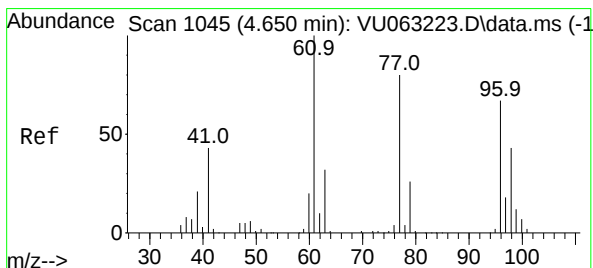
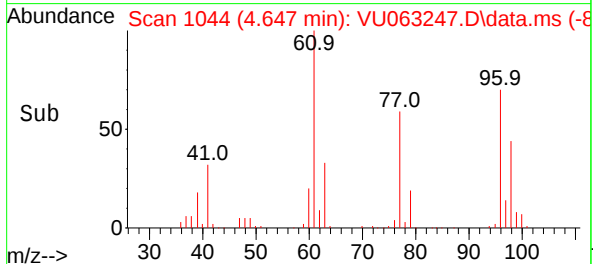
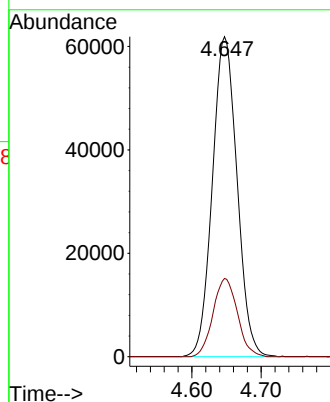
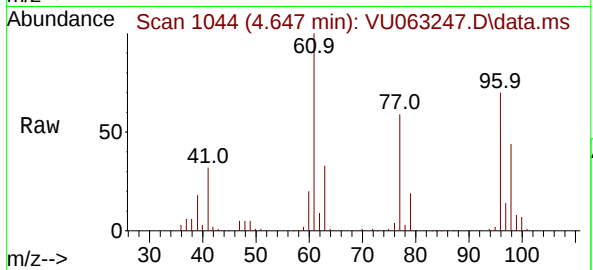




#21
2,2-Dichloropropane
Concen: 6.782 ug/l
RT: 4.647 min Scan# 1044
Delta R.T. 0.000 min
Lab File: VU063247.D
Acq: 11 Feb 2025 19:54

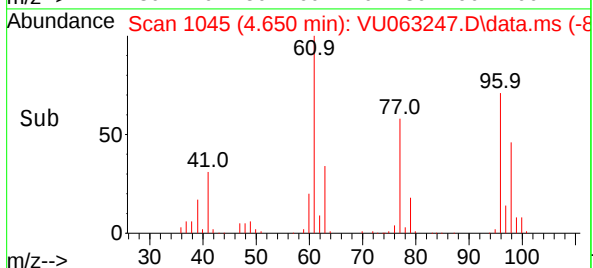
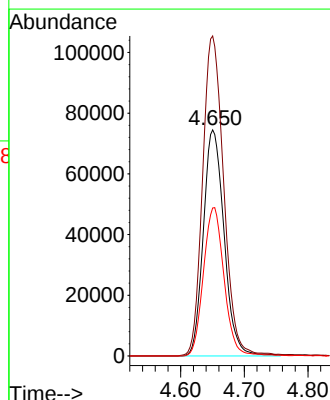
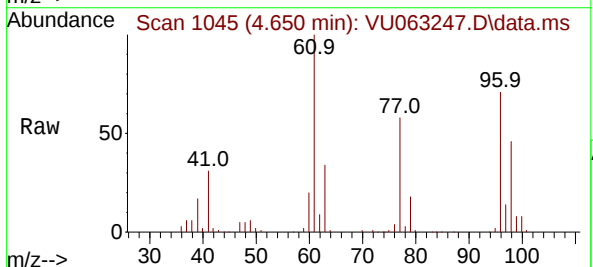
Instrument :
MSVOA_U
ClientSampleId :

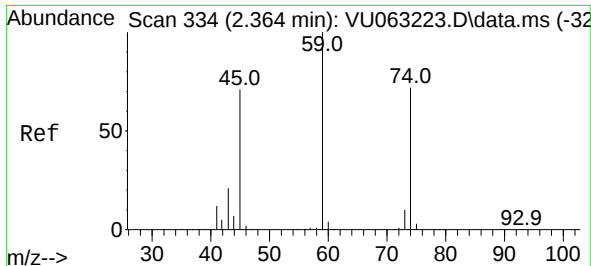
Tgt Ion: 77 Resp: 153004
Ion Ratio Lower Upper
77 100
97 24.2 18.5 27.7



#22
cis-1,2-Dichloroethene
Concen: 10.192 ug/l
RT: 4.650 min Scan# 1045
Delta R.T. 0.000 min
Lab File: VU063247.D
Acq: 11 Feb 2025 19:54

Tgt Ion: 96 Resp: 168940
Ion Ratio Lower Upper
96 100
61 144.1 0.0 373.3
98 65.2 31.9 95.9

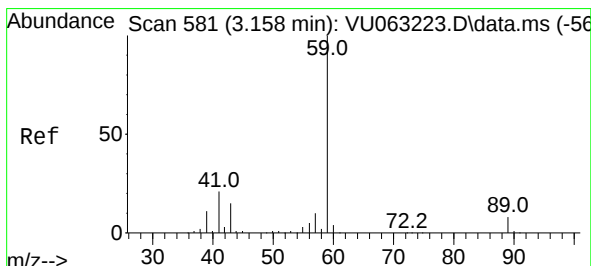
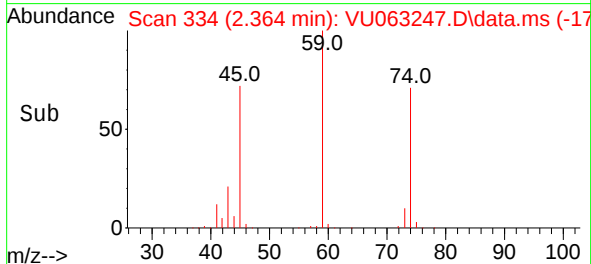
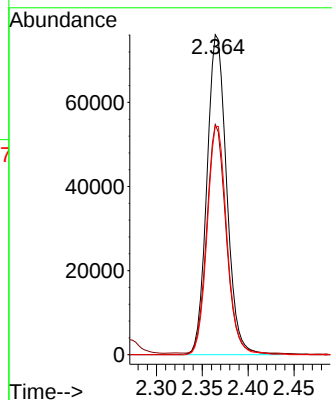
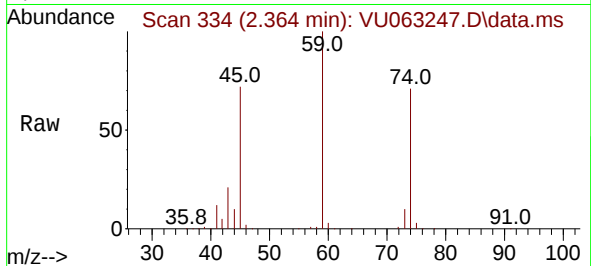




#23
Diethyl Ether
Concen: 9.863 ug/l
RT: 2.364 min Scan# 334
Delta R.T. 0.000 min
Lab File: VU063247.D
Acq: 11 Feb 2025 19:54

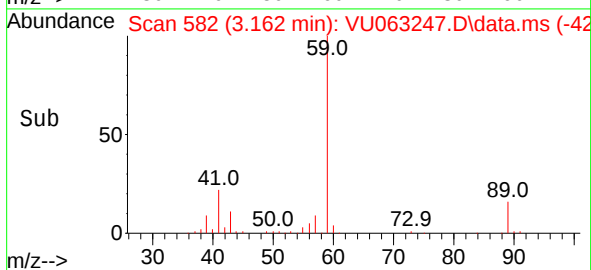
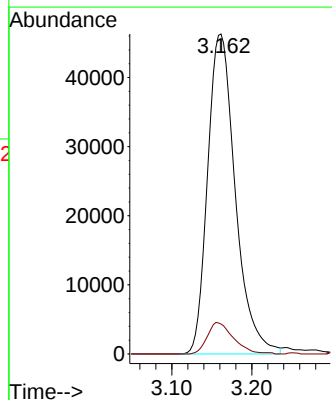
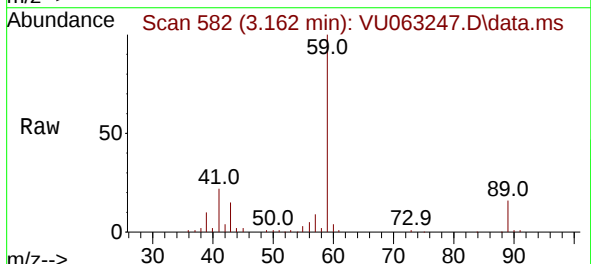
Instrument :
MSVOA_U
ClientSampleId :

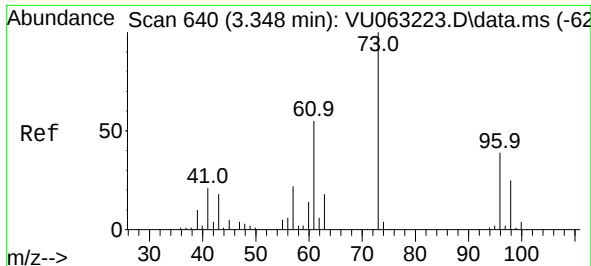
Tgt Ion: 59 Resp: 113762
Ion Ratio Lower Upper
59 100
45 69.7 57.8 86.6
74 71.4 57.7 86.5



#24
tert-Butyl Alcohol
Concen: 94.304 ug/l
RT: 3.162 min Scan# 582
Delta R.T. 0.003 min
Lab File: VU063247.D
Acq: 11 Feb 2025 19:54

Tgt Ion: 59 Resp: 111504
Ion Ratio Lower Upper
59 100
57 9.3 7.5 11.3

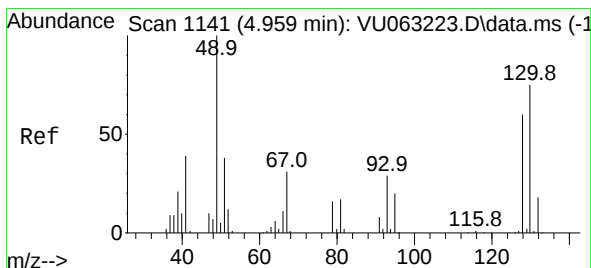
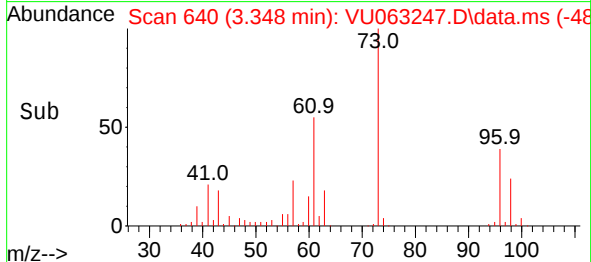
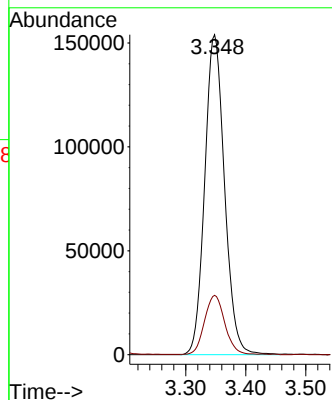
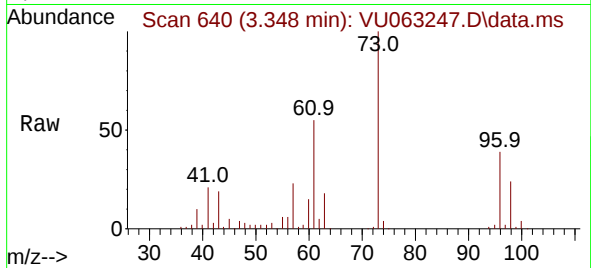




#25
Methyl tert-Butyl Ether
Concen: 10.544 ug/l
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU063247.D
Acq: 11 Feb 2025 19:54

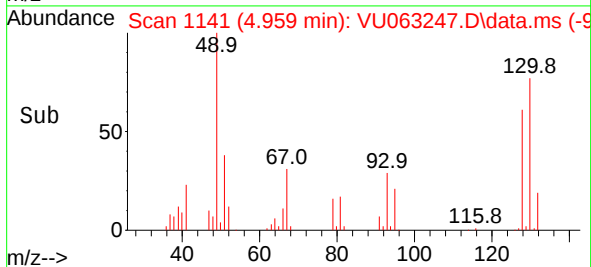
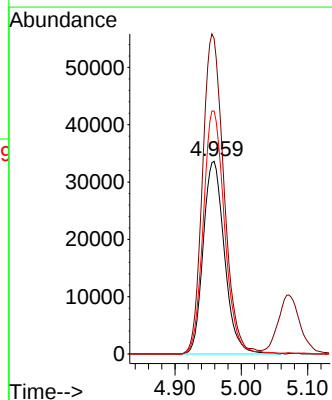
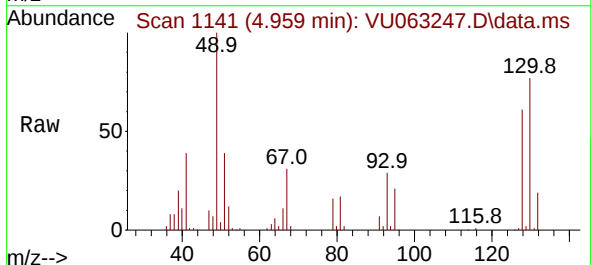
Instrument :
MSVOA_U
ClientSampleId :

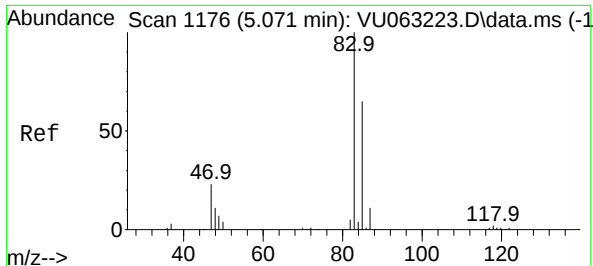
Tgt Ion: 73 Resp: 353979
Ion Ratio Lower Upper
73 100
43 18.8 14.9 22.3



#26
Bromochloromethane
Concen: 10.294 ug/l
RT: 4.959 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VU063247.D
Acq: 11 Feb 2025 19:54

Tgt Ion: 128 Resp: 74581
Ion Ratio Lower Upper
128 100
49 167.0 0.0 343.4
130 126.8 102.9 154.3





#27

Chloroform

Concen: 9.977 ug/l

RT: 5.071 min Scan# 1176

Delta R.T. 0.000 min

Lab File: VU063247.D

Acq: 11 Feb 2025 19:54

Instrument :

MSVOA_U

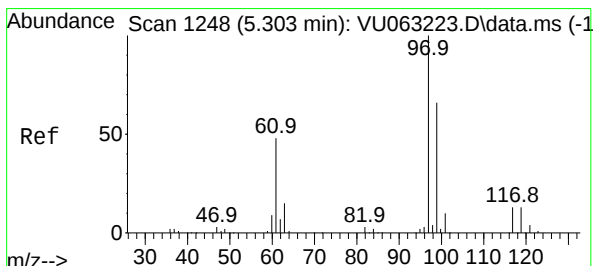
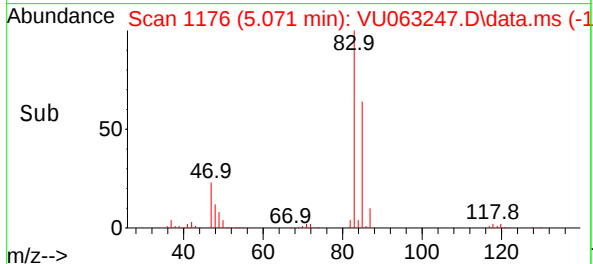
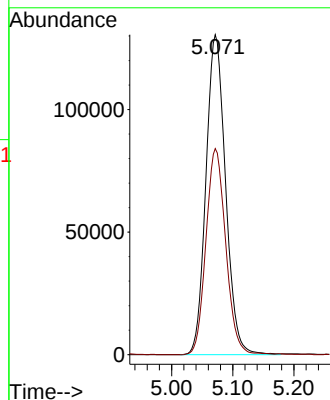
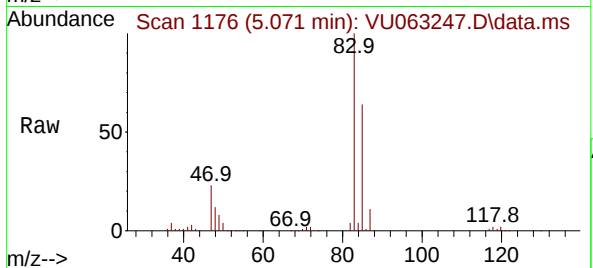
ClientSampleId :

Tgt Ion: 83 Resp: 291149

Ion Ratio Lower Upper

83 100

85 64.4 0.0 129.8



#28

1,1,1-Trichloroethane

Concen: 9.923 ug/l

RT: 5.300 min Scan# 1247

Delta R.T. -0.003 min

Lab File: VU063247.D

Acq: 11 Feb 2025 19:54

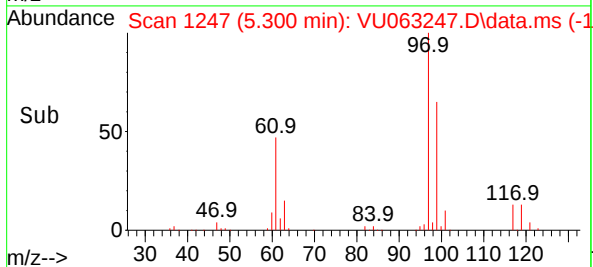
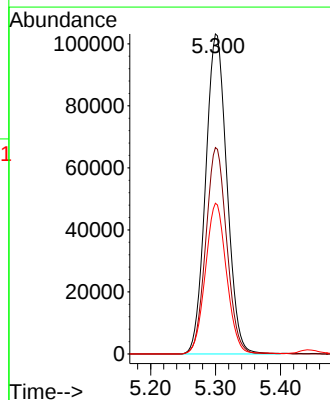
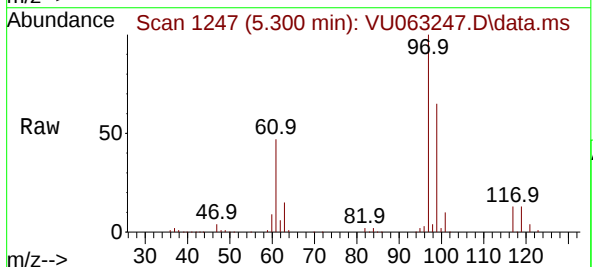
Tgt Ion: 97 Resp: 234571

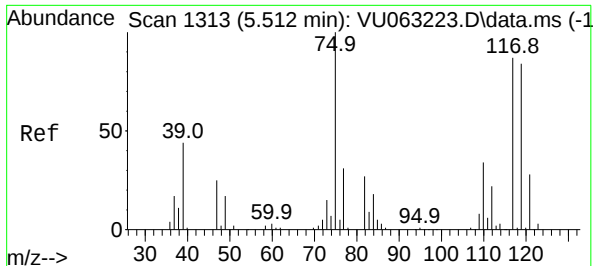
Ion Ratio Lower Upper

97 100

99 63.7 32.4 97.0

61 47.1 23.8 71.2

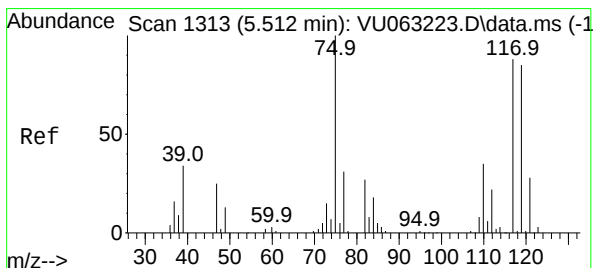
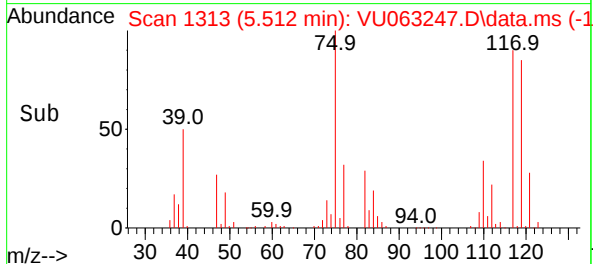
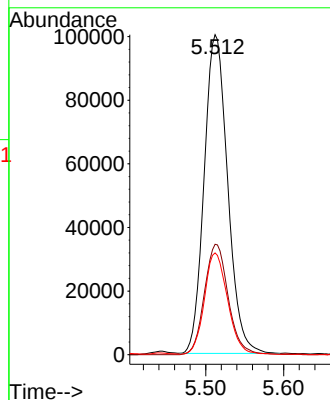
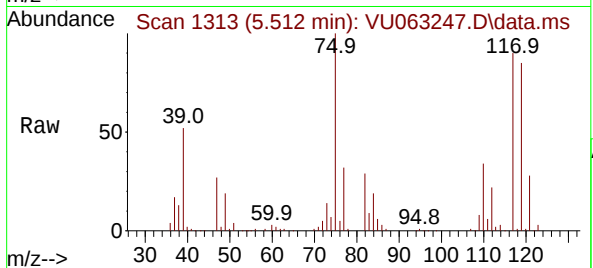




#29
1,1-Dichloropropene
Concen: 9.938 ug/l
RT: 5.512 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VU063247.D
Acq: 11 Feb 2025 19:54

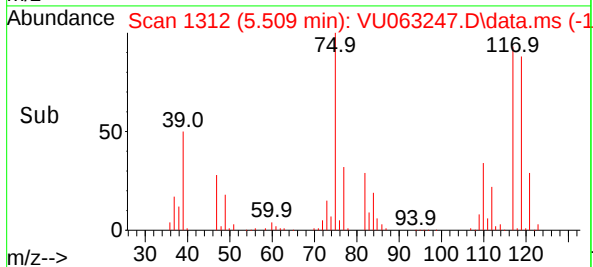
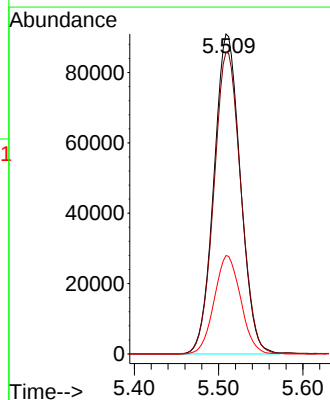
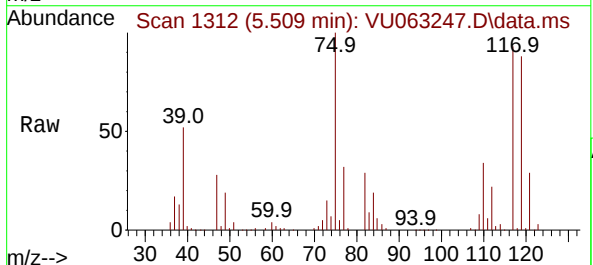
Instrument :
MSVOA_U
ClientSampleId :

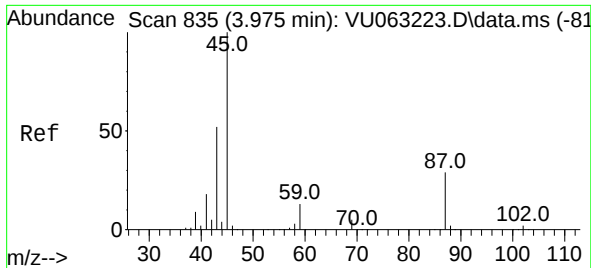
Tgt Ion: 75 Resp: 210401
Ion Ratio Lower Upper
75 100
110 35.2 17.2 51.5
77 31.3 24.6 37.0



#30
Carbon Tetrachloride
Concen: 9.768 ug/l
RT: 5.509 min Scan# 1312
Delta R.T. -0.003 min
Lab File: VU063247.D
Acq: 11 Feb 2025 19:54

Tgt Ion: 117 Resp: 198010
Ion Ratio Lower Upper
117 100
119 94.3 76.7 115.1
121 30.8 25.5 38.3

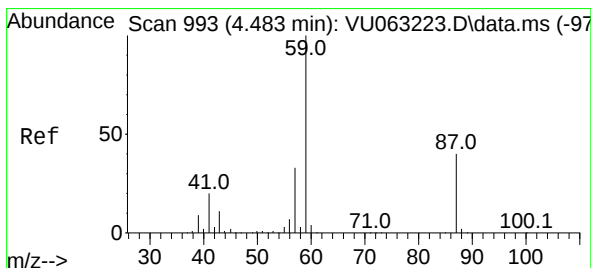
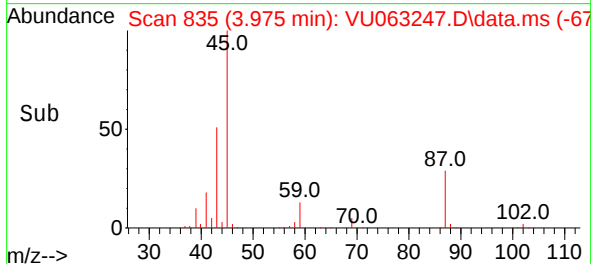
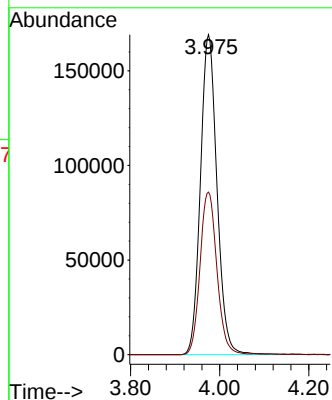
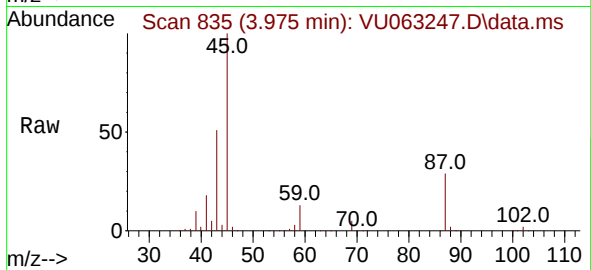




#31
Isopropyl Ether
Concen: 10.579 ug/l
RT: 3.975 min Scan# 835
Delta R.T. 0.000 min
Lab File: VU063247.D
Acq: 11 Feb 2025 19:54

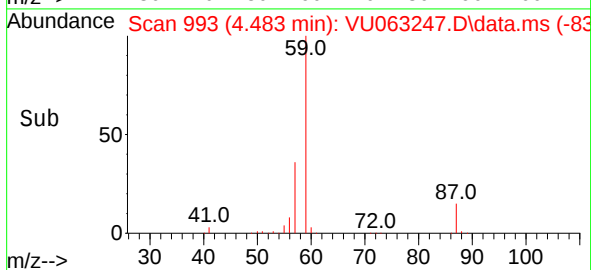
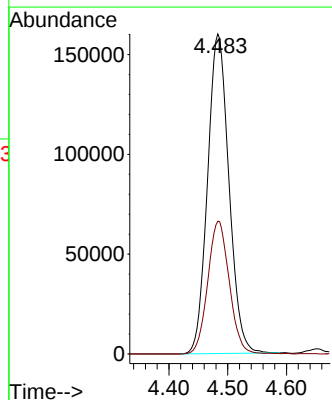
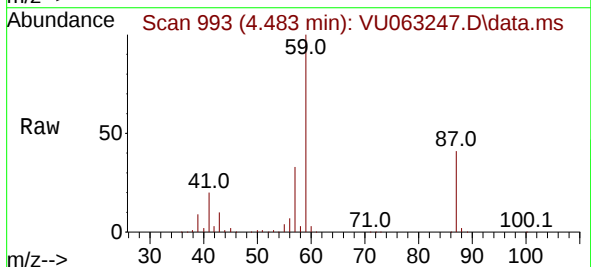
Instrument :
MSVOA_U
ClientSampleId :

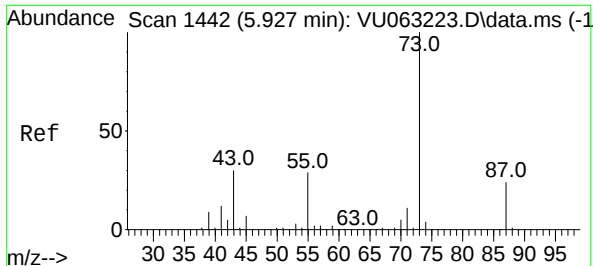
Tgt Ion: 45 Resp: 436711
Ion Ratio Lower Upper
45 100
43 51.7 25.7 77.1



#32
Ethyl-t-butyl ether
Concen: 10.767 ug/l
RT: 4.483 min Scan# 993
Delta R.T. 0.000 min
Lab File: VU063247.D
Acq: 11 Feb 2025 19:54

Tgt Ion: 59 Resp: 404211
Ion Ratio Lower Upper
59 100
87 41.5 32.6 49.0





#33

Tert-Amyl methyl ether

Concen: 11.062 ug/l

RT: 5.923 min Scan# 1442

Delta R.T. -0.003 min

Lab File: VU063247.D

Acq: 11 Feb 2025 19:54

Instrument :

MSVOA_U

ClientSampleId :

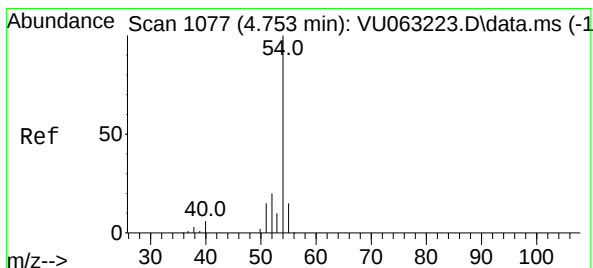
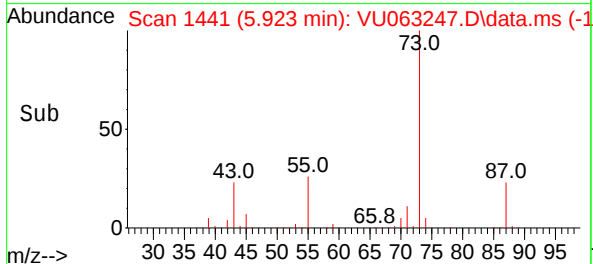
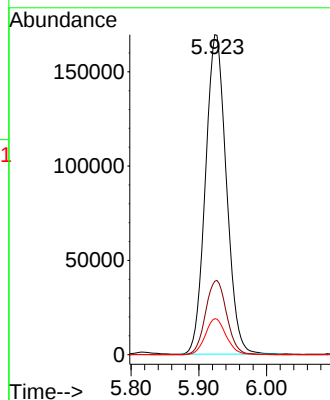
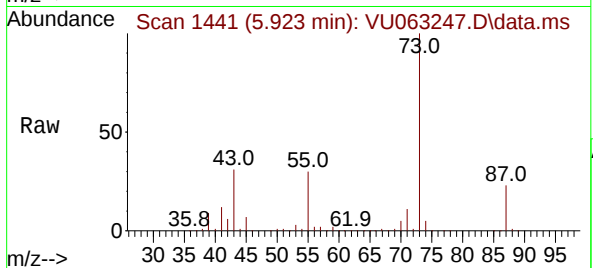
Tgt Ion: 73 Resp: 362861

Ion Ratio Lower Upper

73 100

87 23.6 18.9 28.3

71 11.3 9.0 13.4



#34

Propionitrile

Concen: 56.867 ug/l

RT: 4.753 min Scan# 1077

Delta R.T. 0.000 min

Lab File: VU063247.D

Acq: 11 Feb 2025 19:54

Tgt Ion: 54 Resp: 65074

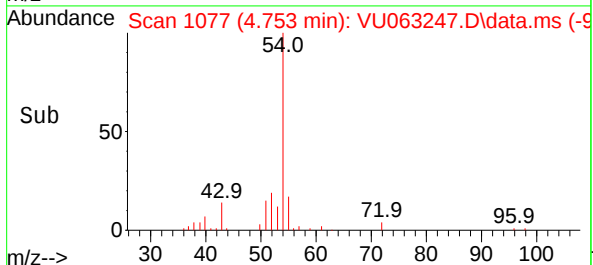
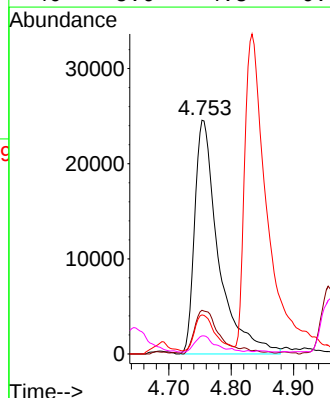
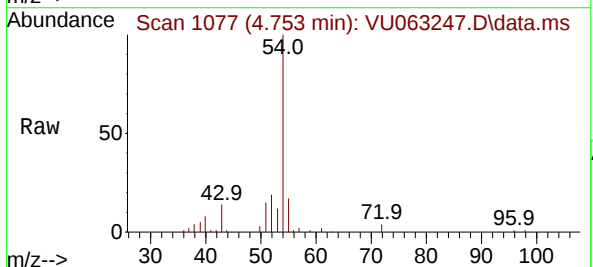
Ion Ratio Lower Upper

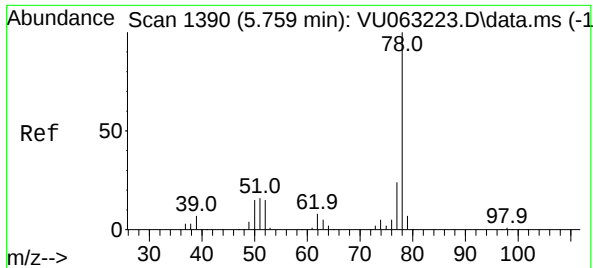
54 100

52 18.6 16.3 24.5

55 14.5 11.8 17.6

40 5.6 4.3 6.5

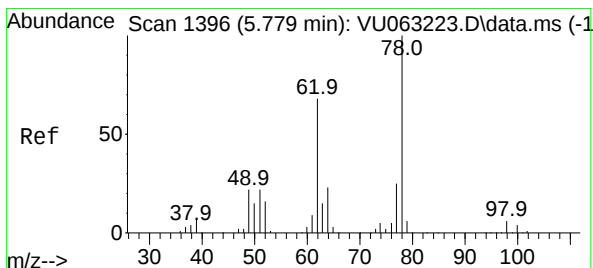
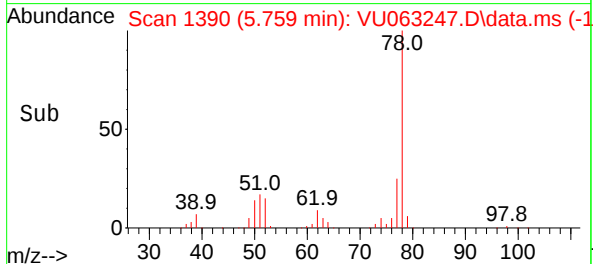
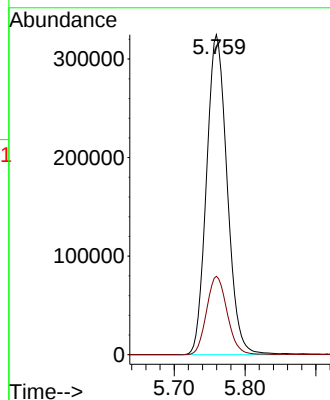
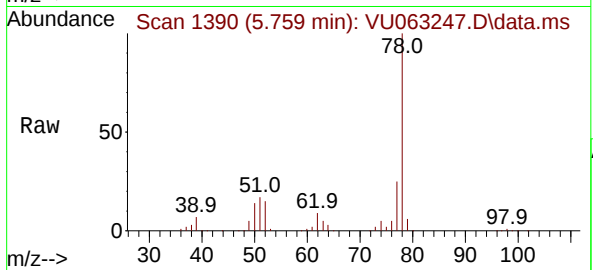




#35
Benzene
Concen: 10.087 ug/l
RT: 5.759 min Scan# 1390
Delta R.T. 0.000 min
Lab File: VU063247.D
Acq: 11 Feb 2025 19:54

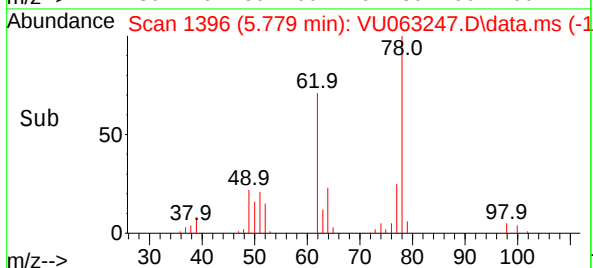
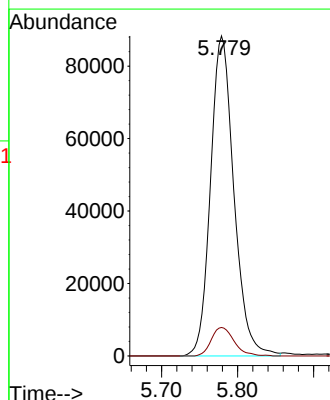
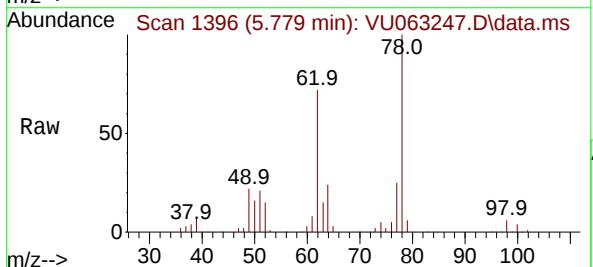
Instrument :
MSVOA_U
ClientSampleId :

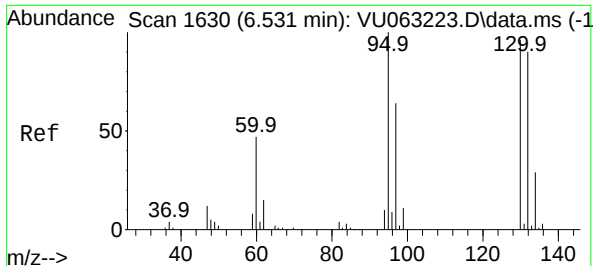
Tgt Ion: 78 Resp: 656632
Ion Ratio Lower Upper
78 100
77 24.5 19.0 28.4



#36
1,2-Dichloroethane
Concen: 10.047 ug/l
RT: 5.779 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VU063247.D
Acq: 11 Feb 2025 19:54

Tgt Ion: 62 Resp: 188765
Ion Ratio Lower Upper
62 100
98 8.6 6.9 10.3

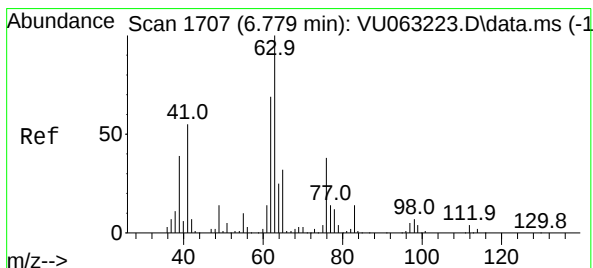
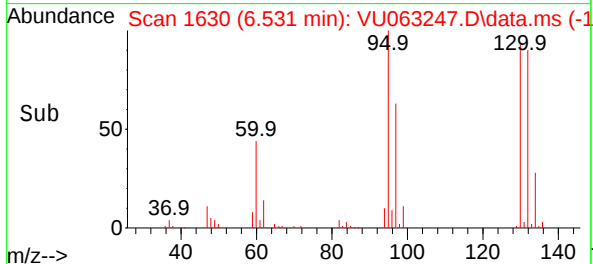
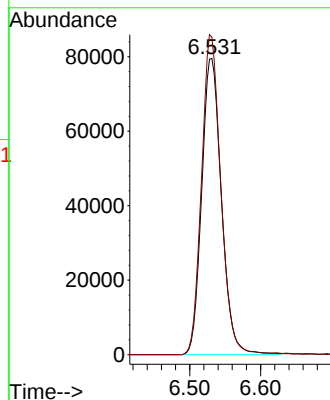
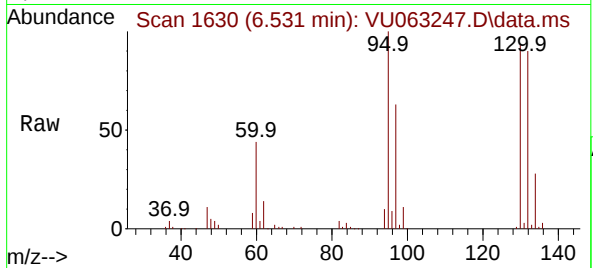




#37
Trichloroethene
Concen: 9.932 ug/l
RT: 6.531 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU063247.D
Acq: 11 Feb 2025 19:54

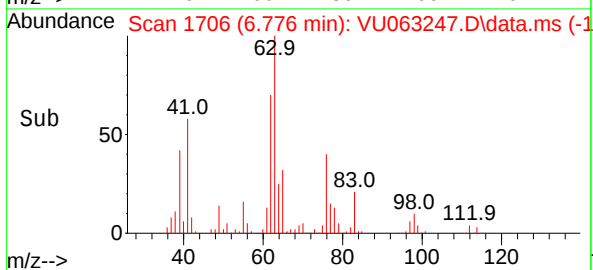
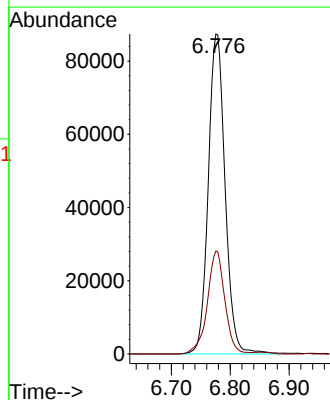
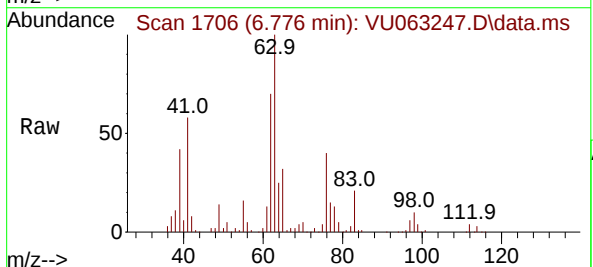
Instrument :
MSVOA_U
ClientSampleId :

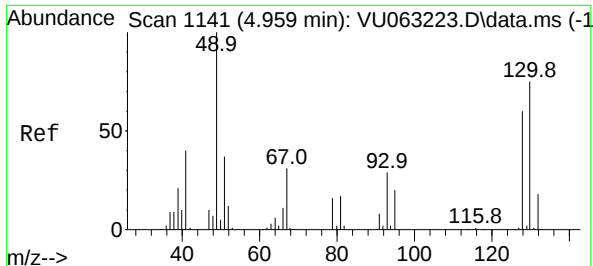
Tgt Ion:130 Resp: 153763
Ion Ratio Lower Upper
130 100
95 107.1 83.2 124.8



#38
1,2-Dichloropropane
Concen: 10.200 ug/l
RT: 6.776 min Scan# 1706
Delta R.T. -0.003 min
Lab File: VU063247.D
Acq: 11 Feb 2025 19:54

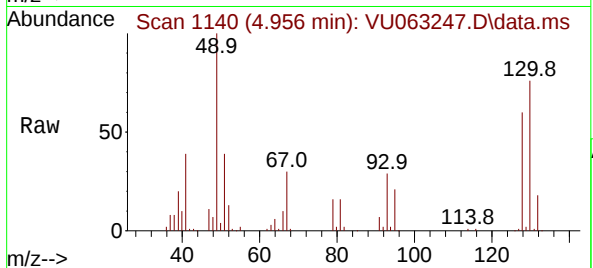
Tgt Ion: 63 Resp: 173793
Ion Ratio Lower Upper
63 100
65 32.2 25.3 37.9





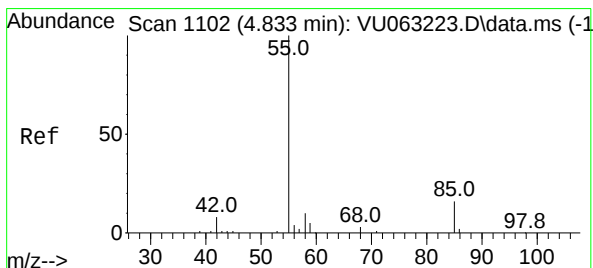
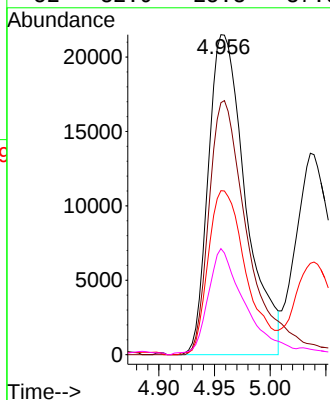
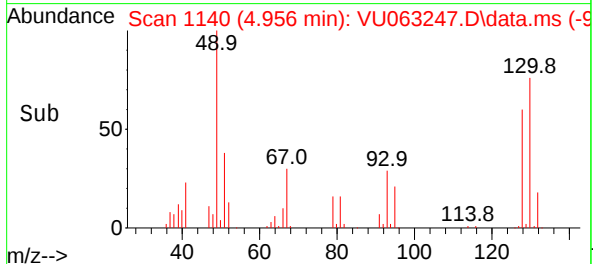
#39
Methacrylonitrile
Concen: 11.725 ug/l
RT: 4.956 min Scan# 1141
Delta R.T. -0.003 min
Lab File: VU063247.D
Acq: 11 Feb 2025 19:54

Instrument :
MSVOA_U
ClientSampleId :

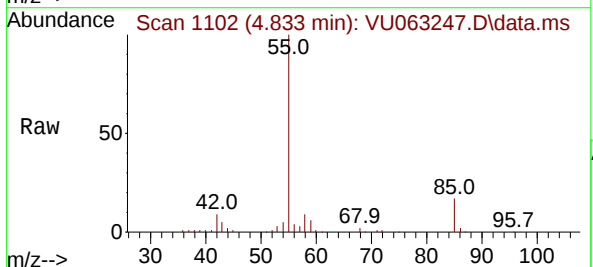


Tgt Ion: 41 Resp: 50004

Ion	Ratio	Lower	Upper
41	100		
67	84.0	64.5	96.7
39	52.7	43.0	64.6
52	32.9	25.3	37.9

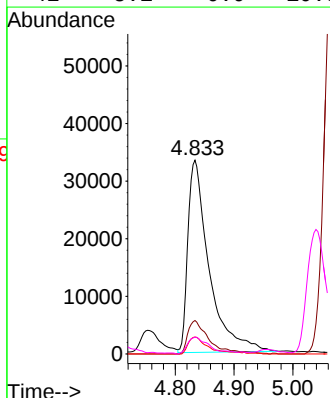
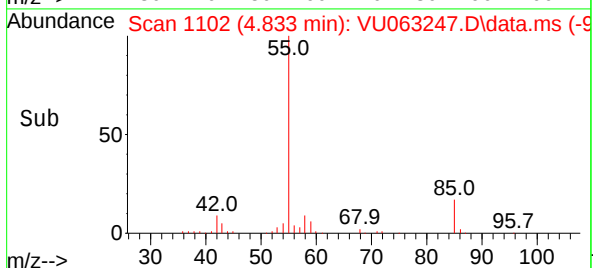


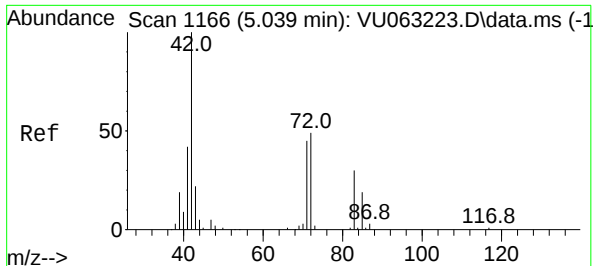
#40
Methyl acrylate
Concen: 10.662 ug/l
RT: 4.833 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VU063247.D
Acq: 11 Feb 2025 19:54



Tgt Ion: 55 Resp: 83797

Ion	Ratio	Lower	Upper
55	100		
85	17.5	13.3	19.9
58	8.4	7.3	10.9
42	8.1	6.9	10.3





#41

Tetrahydrofuran

Concen: 20.365 ug/l

RT: 5.039 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU063247.D

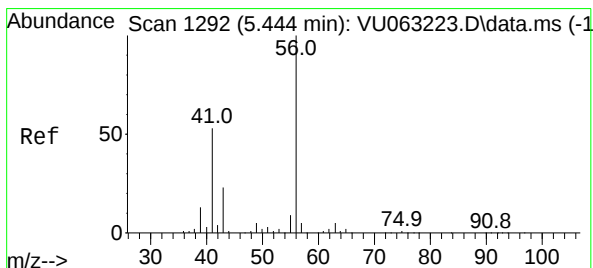
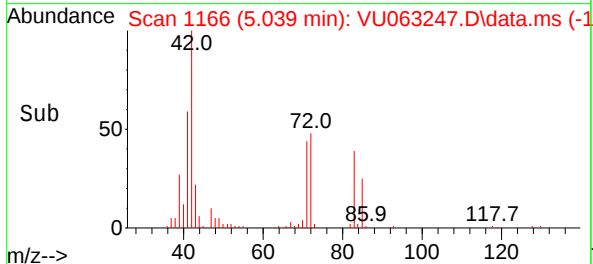
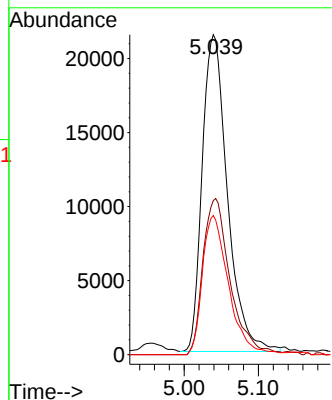
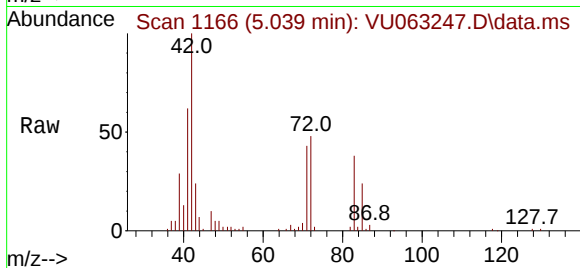
Acq: 11 Feb 2025 19:54

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	42	Resp:	50510
Ion Ratio	Lower	Upper	
42	100		
72	53.2	41.5	62.3
71	45.4	37.2	55.8



#42

1-Chlorobutane

Concen: 10.187 ug/l

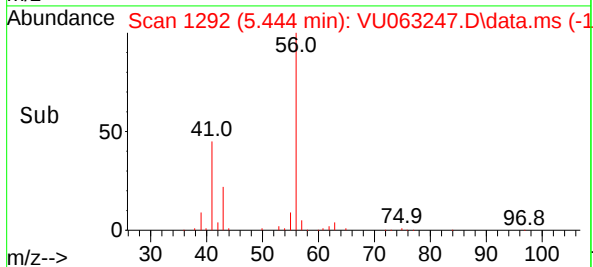
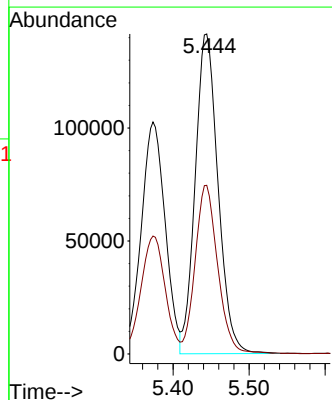
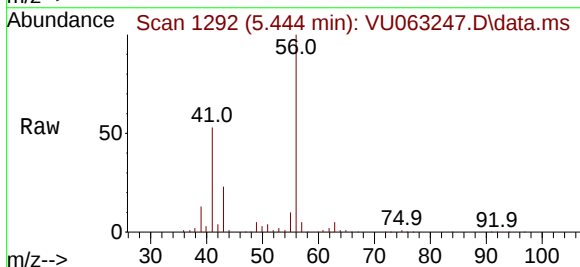
RT: 5.444 min Scan# 1292

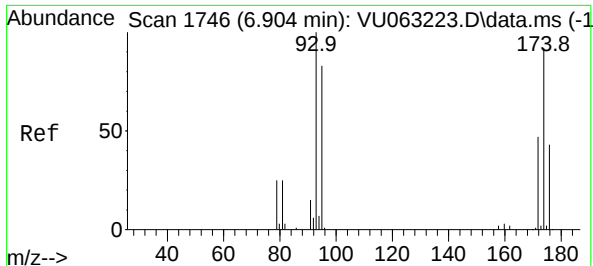
Delta R.T. 0.000 min

Lab File: VU063247.D

Acq: 11 Feb 2025 19:54

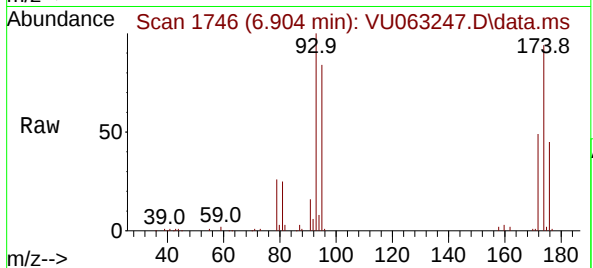
Tgt Ion:	56	Resp:	295087
Ion Ratio	Lower	Upper	
56	100		
41	51.9	26.3	78.8



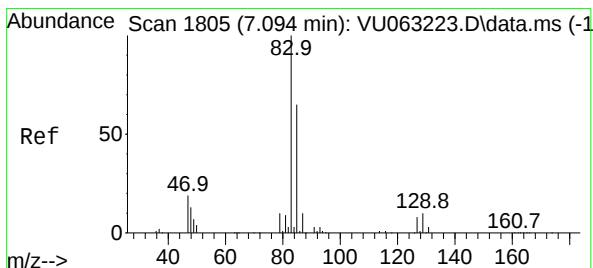
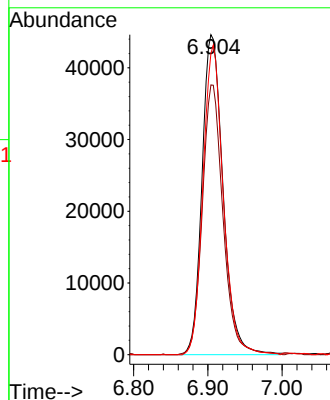
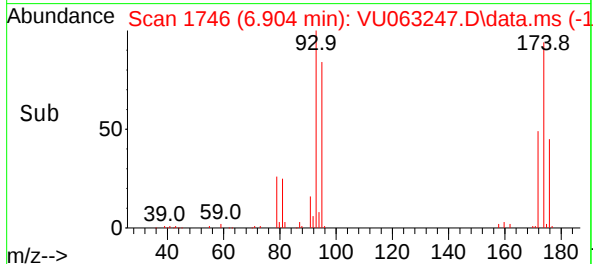


#43
Dibromomethane
Concen: 10.169 ug/l
RT: 6.904 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VU063247.D
Acq: 11 Feb 2025 19:54

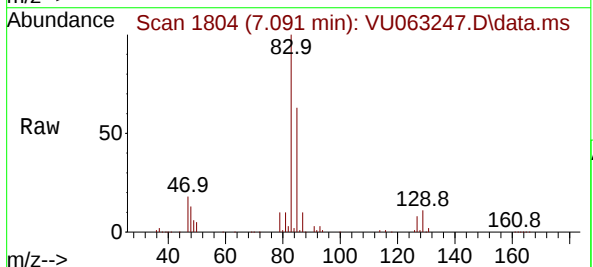
Instrument :
MSVOA_U
ClientSampleId :



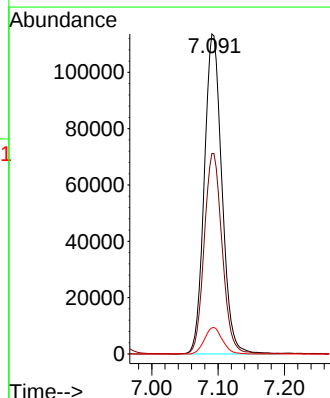
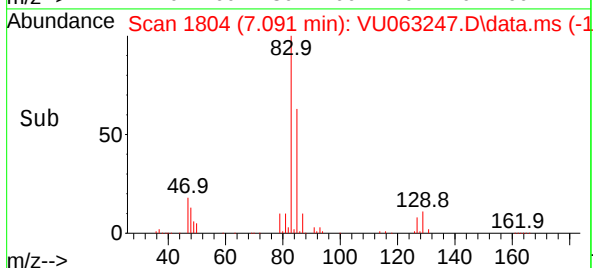
Tgt Ion: 93 Resp: 87736
Ion Ratio Lower Upper
93 100
95 83.0 67.2 100.8
174 93.6 75.7 113.5

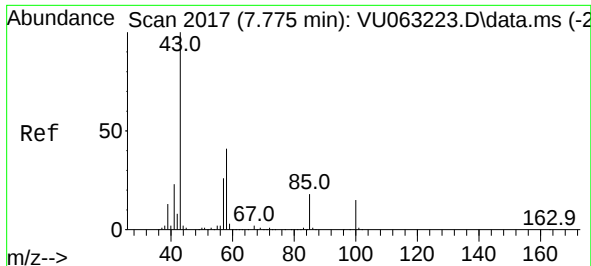


#44
Bromodichloromethane
Concen: 10.450 ug/l
RT: 7.091 min Scan# 1804
Delta R.T. -0.003 min
Lab File: VU063247.D
Acq: 11 Feb 2025 19:54



Tgt Ion: 83 Resp: 209848
Ion Ratio Lower Upper
83 100
85 62.5 51.7 77.5
127 8.2 6.7 10.1





#45

4-Methyl-2-Pentanone

Concen: 54.459 ug/l

RT: 7.775 min Scan# 2017

Delta R.T. 0.000 min

Lab File: VU063247.D

Acq: 11 Feb 2025 19:54

Instrument :

MSVOA_U

ClientSampleId :

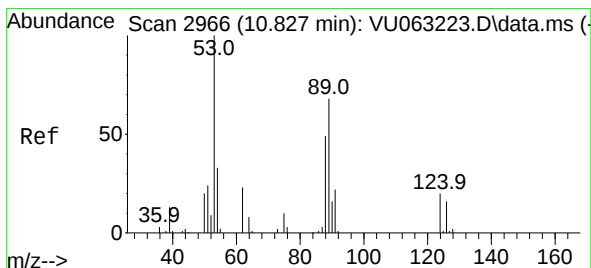
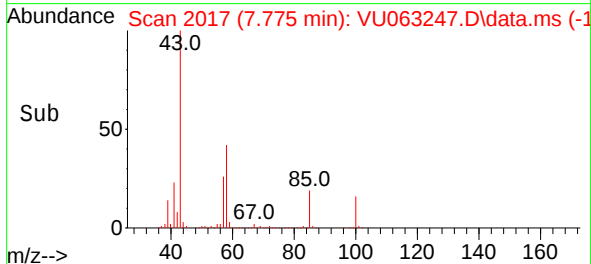
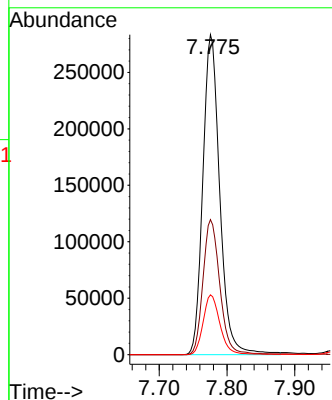
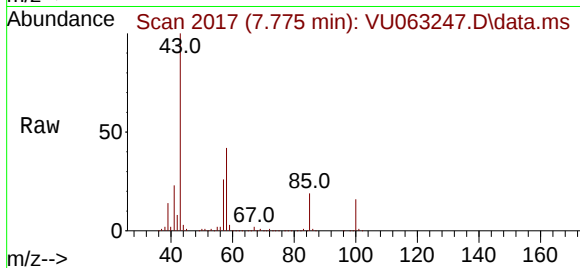
Tgt Ion: 43 Resp: 492605

Ion Ratio Lower Upper

43 100

58 42.1 20.8 62.5

85 18.6 14.8 22.2



#46

t-1,4-Dichloro-2-butene

Concen: 45.132 ug/l

RT: 10.814 min Scan# 2962

Delta R.T. -0.013 min

Lab File: VU063247.D

Acq: 11 Feb 2025 19:54

Tgt Ion: 75 Resp: 191913

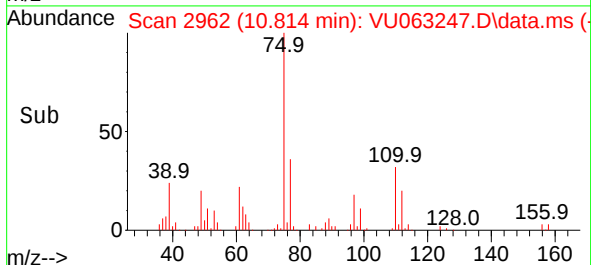
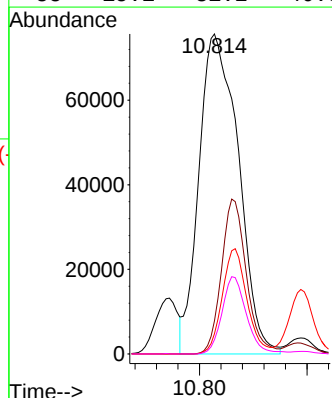
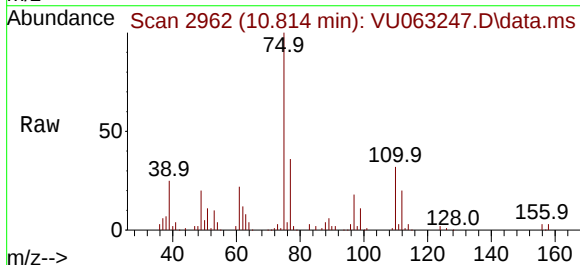
Ion Ratio Lower Upper

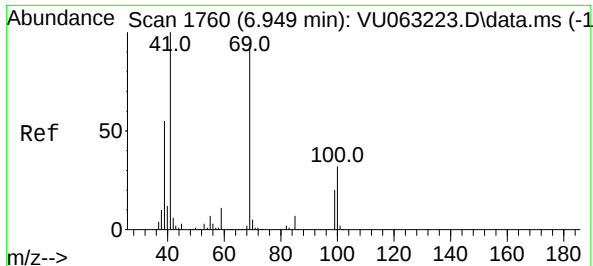
75 100

53 30.7 64.5 96.7#

89 20.9 43.4 65.2#

88 15.1 31.2 46.8#





#47

Methyl methacrylate

Concen: 22.772 ug/l

RT: 6.946 min Scan# 1760

Delta R.T. -0.003 min

Lab File: VU063247.D

Acq: 11 Feb 2025 19:54

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 69 Resp: 165487

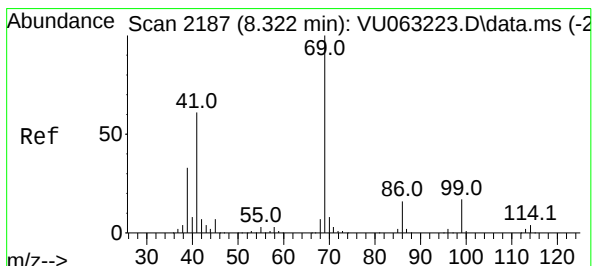
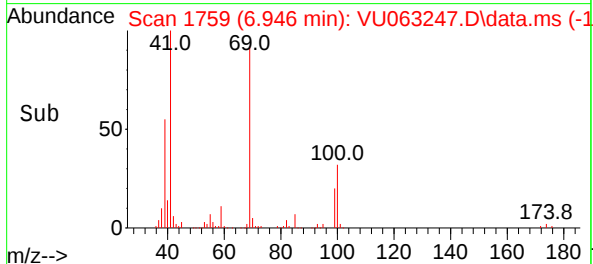
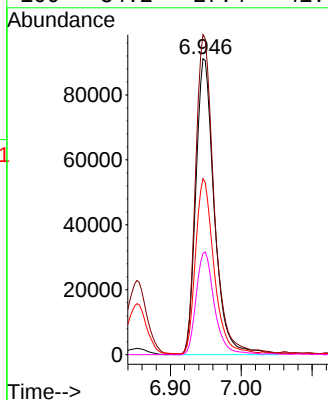
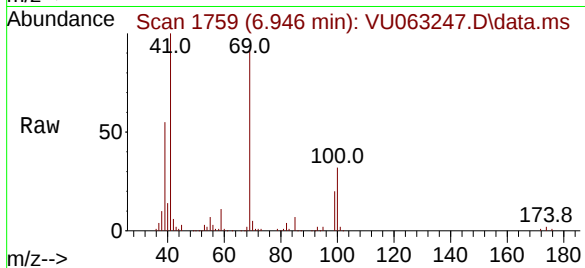
Ion Ratio Lower Upper

69 100

41 107.1 0.0 217.0

39 58.8 47.7 71.5

100 34.2 27.4 41.0



#48

Ethyl methacrylate

Concen: 11.618 ug/l

RT: 8.322 min Scan# 2187

Delta R.T. 0.000 min

Lab File: VU063247.D

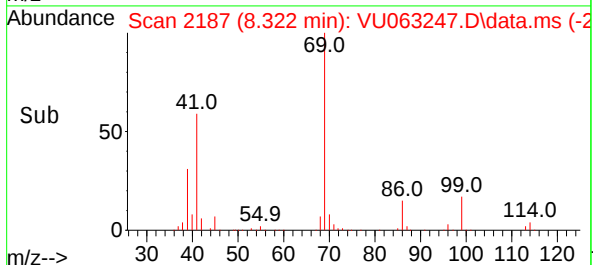
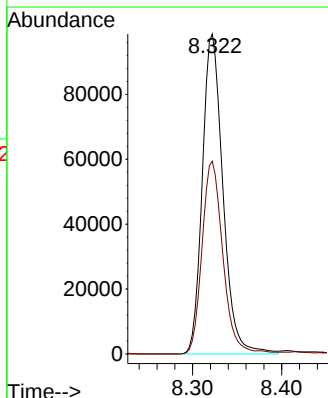
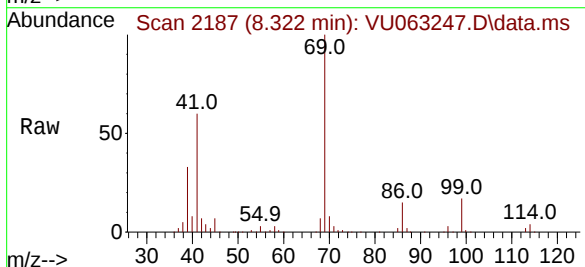
Acq: 11 Feb 2025 19:54

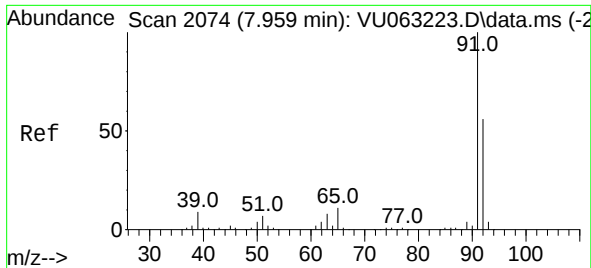
Tgt Ion: 69 Resp: 158531

Ion Ratio Lower Upper

69 100

41 61.2 30.6 92.0





#49

Toluene

Concen: 10.518 ug/l

RT: 7.956 min Scan# 2074

Delta R.T. -0.003 min

Lab File: VU063247.D

Acq: 11 Feb 2025 19:54

Instrument :

MSVOA_U

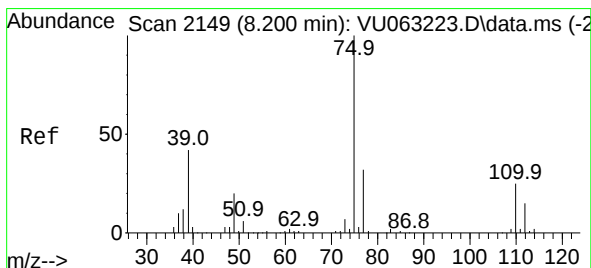
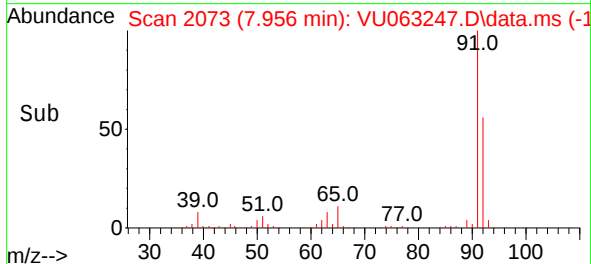
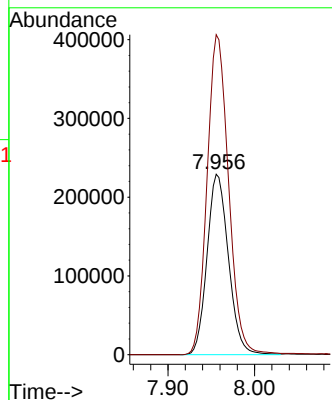
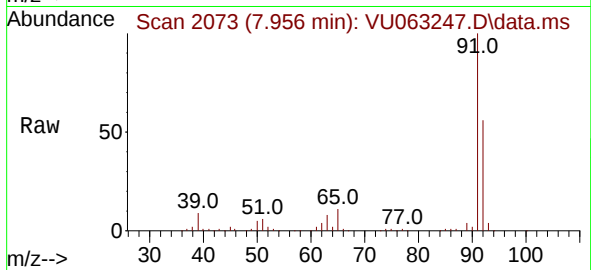
ClientSampleId :

Tgt Ion: 92 Resp: 393757

Ion Ratio Lower Upper

92 100

91 177.8 141.8 212.6



#50

t-1,3-Dichloropropene

Concen: 10.082 ug/l

RT: 8.200 min Scan# 2149

Delta R.T. 0.000 min

Lab File: VU063247.D

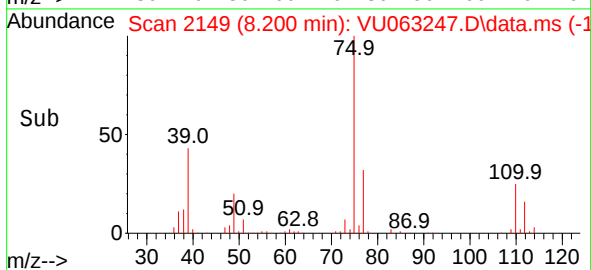
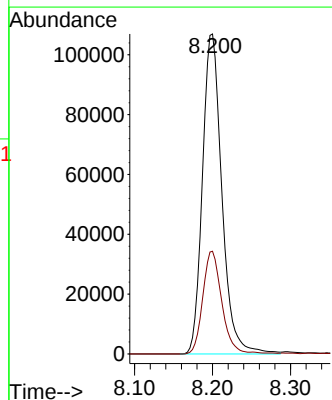
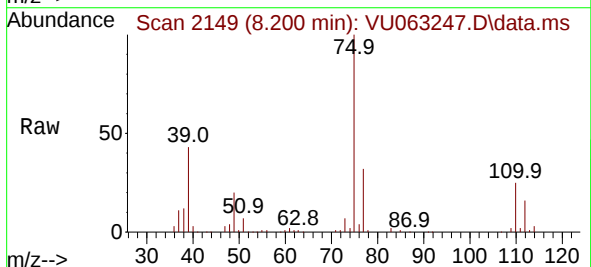
Acq: 11 Feb 2025 19:54

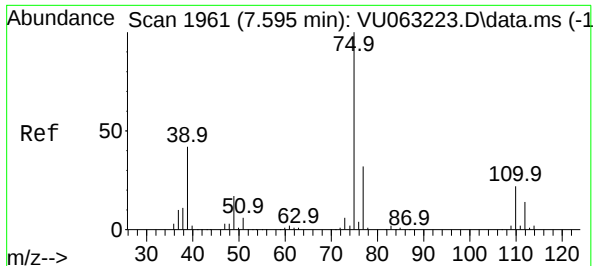
Tgt Ion: 75 Resp: 185356

Ion Ratio Lower Upper

75 100

77 32.1 25.9 38.9

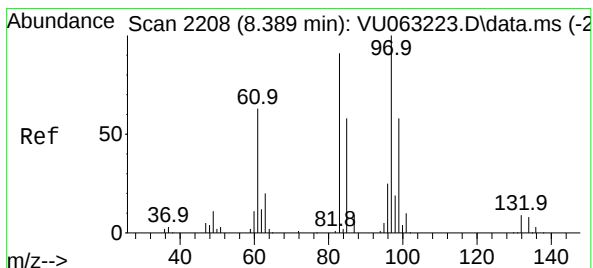
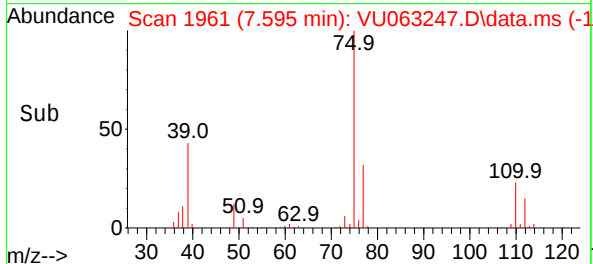
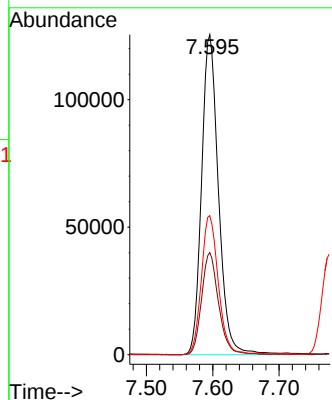
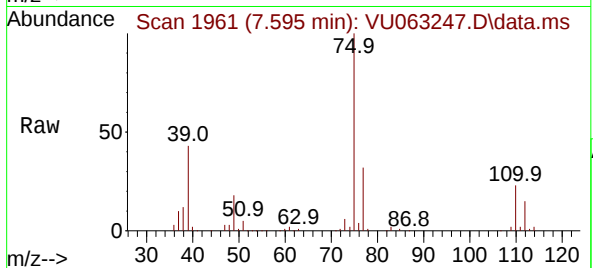




#51
 cis-1,3-Dichloropropene
 Concen: 9.760 ug/l
 RT: 7.595 min Scan# 1961
 Delta R.T. 0.000 min
 Lab File: VU063247.D
 Acq: 11 Feb 2025 19:54

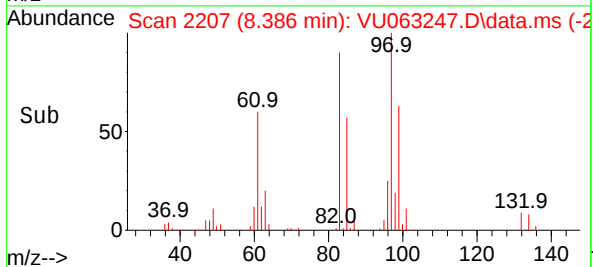
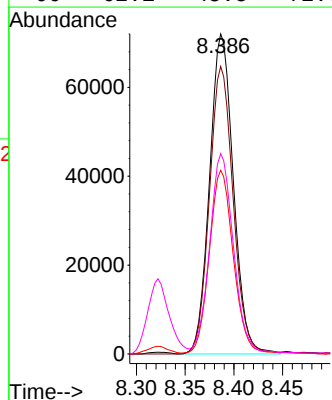
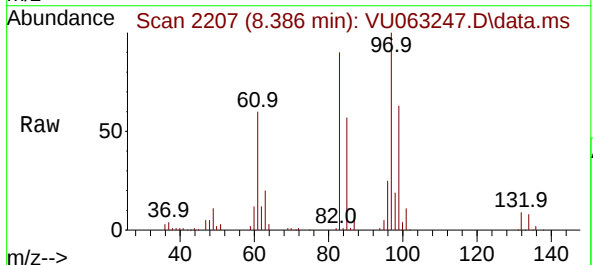
Instrument :
 MSVOA_U
 ClientSampleId :

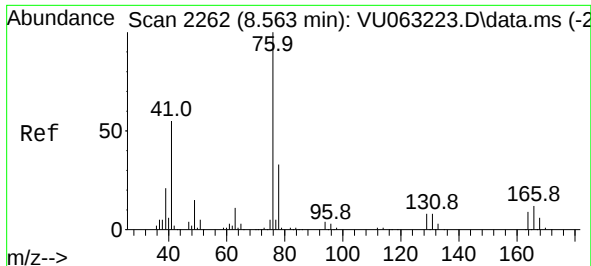
Tgt Ion: 75 Resp: 221665
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.3 37.9
 39 43.4 33.5 50.3



#52
 1,1,2-Trichloroethane
 Concen: 10.535 ug/l
 RT: 8.386 min Scan# 2207
 Delta R.T. -0.003 min
 Lab File: VU063247.D
 Acq: 11 Feb 2025 19:54

Tgt Ion: 97 Resp: 122554
 Ion Ratio Lower Upper
 97 100
 83 89.9 73.0 109.4
 85 57.1 46.3 69.5
 99 62.1 48.5 72.7





#53

1,3-Dichloropropane

Concen: 10.418 ug/l

RT: 8.563 min Scan# 2262

Delta R.T. 0.000 min

Lab File: VU063247.D

Acq: 11 Feb 2025 19:54

Instrument :

MSVOA_U

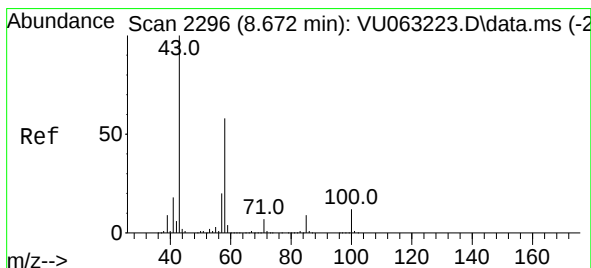
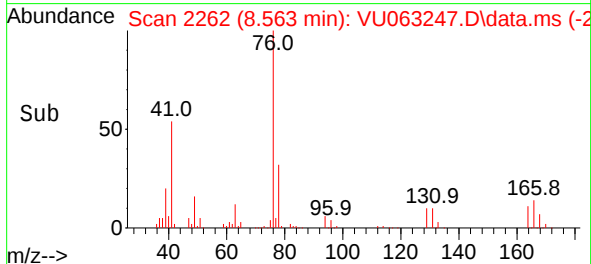
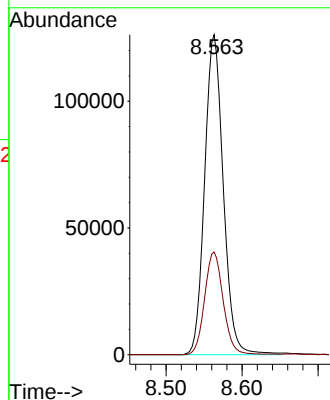
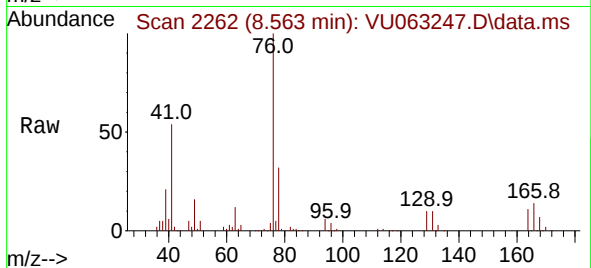
ClientSampleId :

Tgt Ion: 76 Resp: 215165

Ion Ratio Lower Upper

76 100

78 31.9 26.3 39.5



#54

2-Hexanone

Concen: 54.686 ug/l

RT: 8.669 min Scan# 2295

Delta R.T. -0.003 min

Lab File: VU063247.D

Acq: 11 Feb 2025 19:54

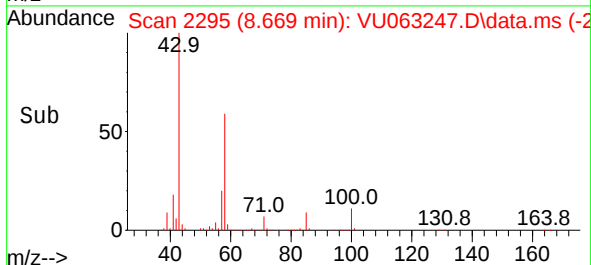
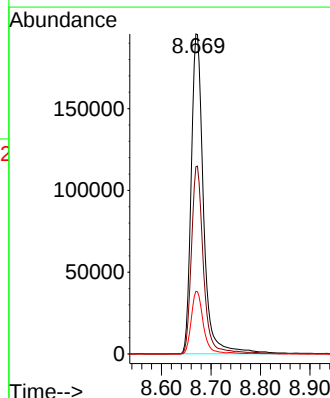
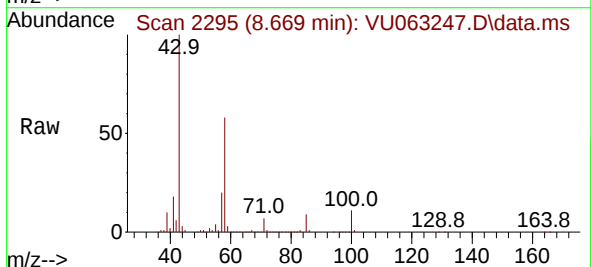
Tgt Ion: 43 Resp: 337564

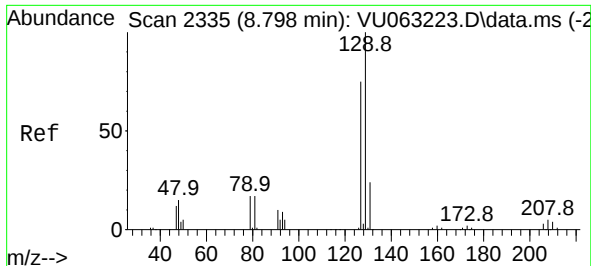
Ion Ratio Lower Upper

43 100

58 57.3 38.0 78.0

57 19.1 0.0 39.1





#55

Dibromochloromethane

Concen: 10.523 ug/l

RT: 8.798 min Scan# 2335

Delta R.T. 0.000 min

Lab File: VU063247.D

Acq: 11 Feb 2025 19:54

Instrument :

MSVOA_U

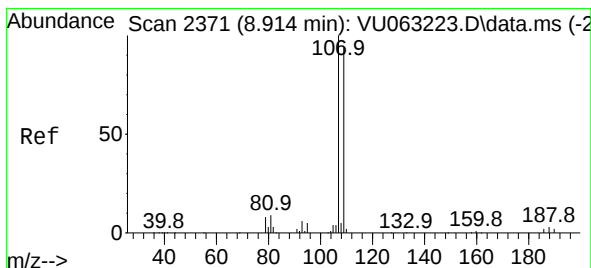
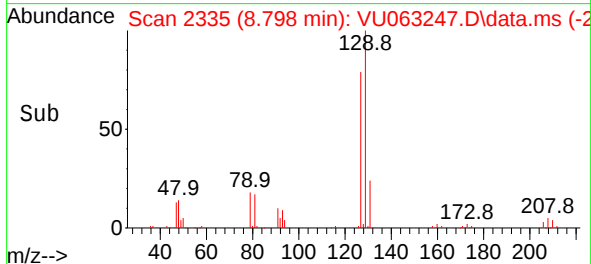
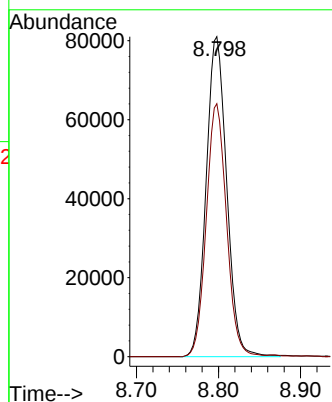
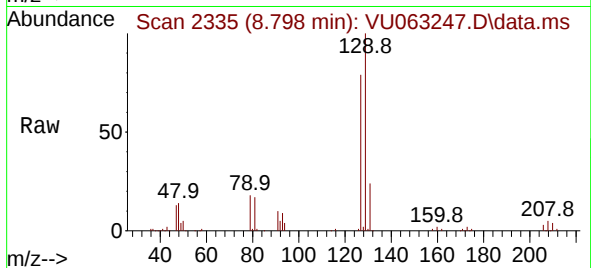
ClientSampleId :

Tgt Ion:129 Resp: 140827

Ion Ratio Lower Upper

129 100

127 77.8 60.4 90.6



#56

1,2-Dibromoethane

Concen: 10.516 ug/l

RT: 8.910 min Scan# 2370

Delta R.T. -0.003 min

Lab File: VU063247.D

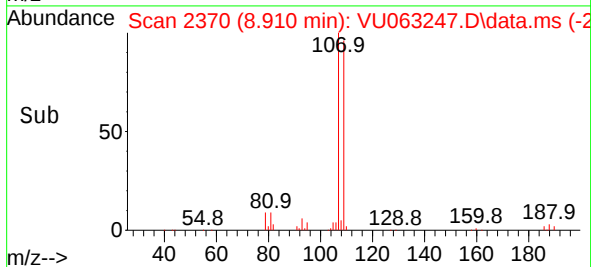
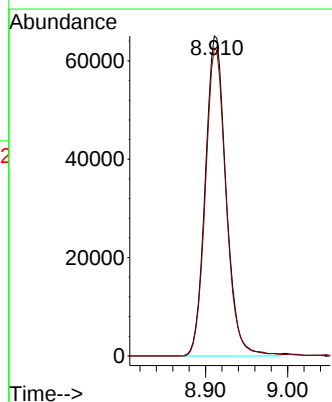
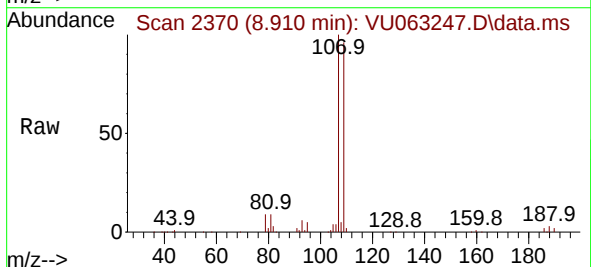
Acq: 11 Feb 2025 19:54

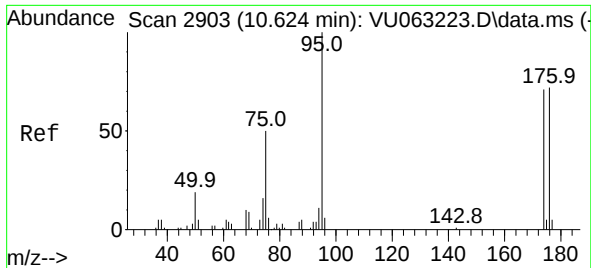
Tgt Ion:107 Resp: 114732

Ion Ratio Lower Upper

107 100

109 95.6 0.0 187.8

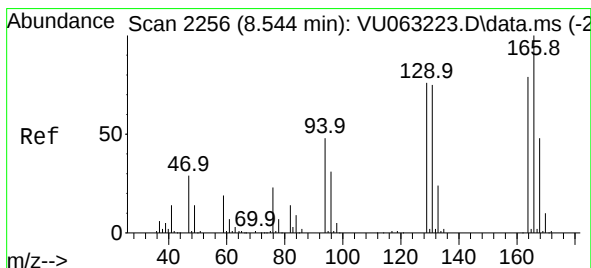
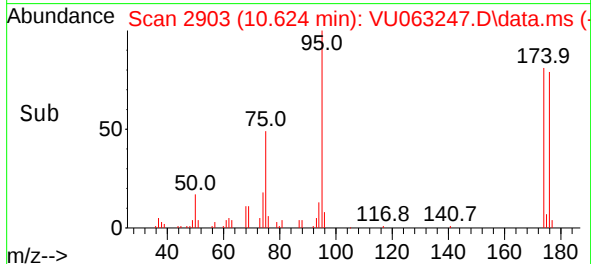
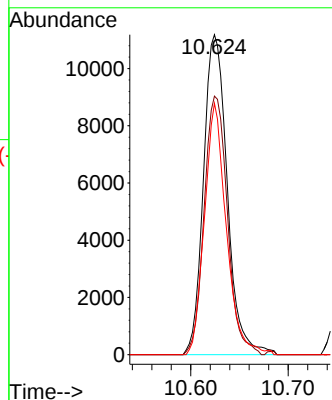
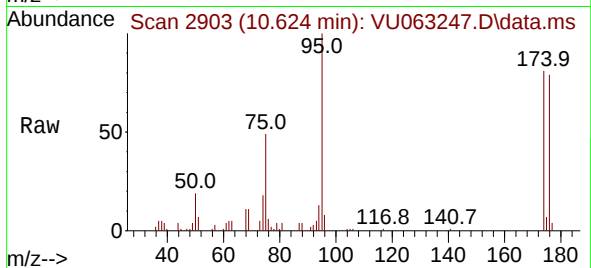




#57
 4-Bromofluorobenzene
 Concen: 1.084 ug/l
 RT: 10.624 min Scan# 2903
 Delta R.T. 0.000 min
 Lab File: VU063247.D
 Acq: 11 Feb 2025 19:54

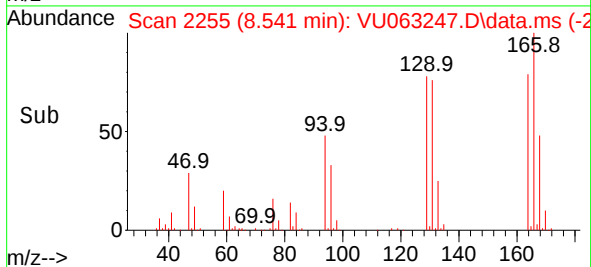
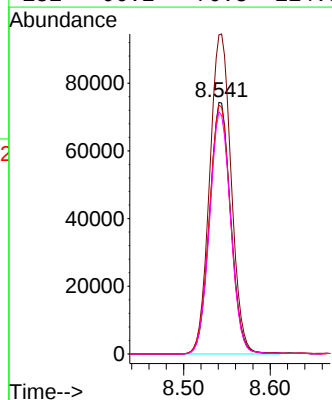
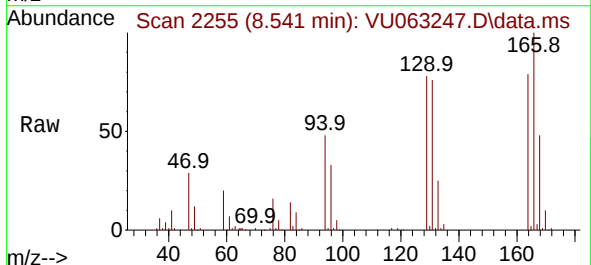
Instrument :
 MSVOA_U
 ClientSampleId :

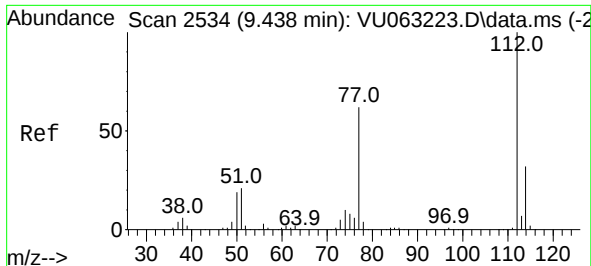
Tgt Ion: 95 Resp: 18943
 Ion Ratio Lower Upper
 95 100
 174 79.1 58.6 88.0
 176 72.5 58.2 87.4



#58
 Tetrachloroethene
 Concen: 9.909 ug/l
 RT: 8.541 min Scan# 2255
 Delta R.T. -0.003 min
 Lab File: VU063247.D
 Acq: 11 Feb 2025 19:54

Tgt Ion: 164 Resp: 126418
 Ion Ratio Lower Upper
 164 100
 166 126.8 101.4 152.0
 129 98.9 77.0 115.4
 131 96.2 76.3 114.5





#59

Chlorobenzene

Concen: 10.395 ug/l

RT: 9.435 min Scan# 2534

Delta R.T. -0.003 min

Lab File: VU063247.D

Acq: 11 Feb 2025 19:54

Instrument :

MSVOA_U

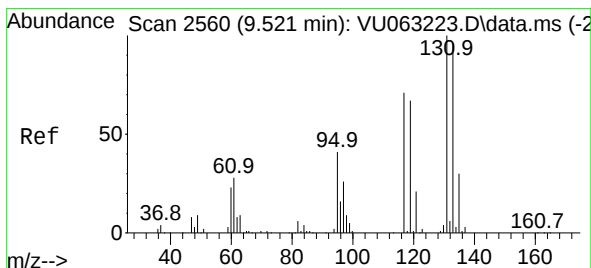
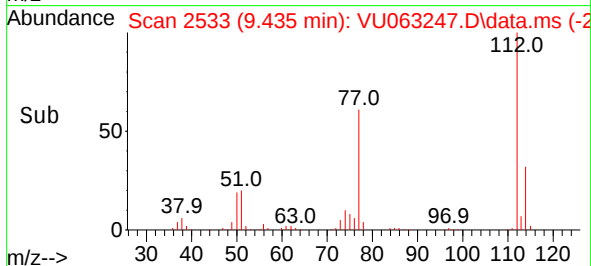
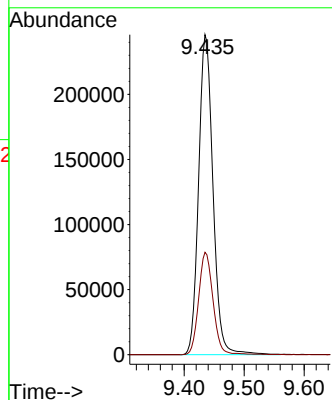
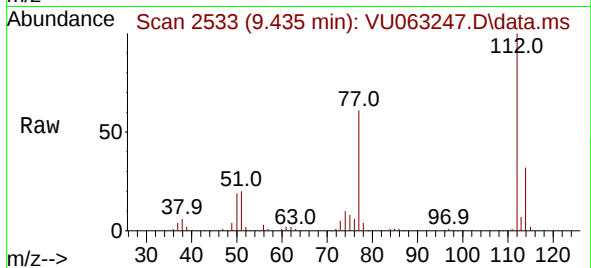
ClientSampleId :

Tgt Ion:112 Resp: 410668

Ion Ratio Lower Upper

112 100

114 32.0 25.7 38.5



#60

1,1,1,2-Tetrachloroethane

Concen: 10.469 ug/l

RT: 9.521 min Scan# 2560

Delta R.T. 0.000 min

Lab File: VU063247.D

Acq: 11 Feb 2025 19:54

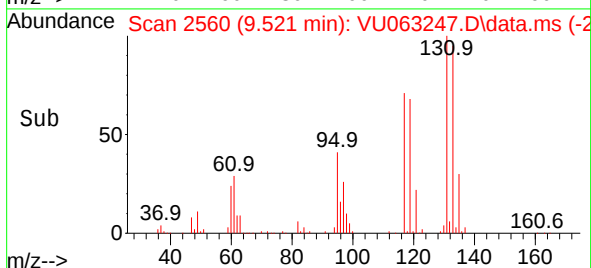
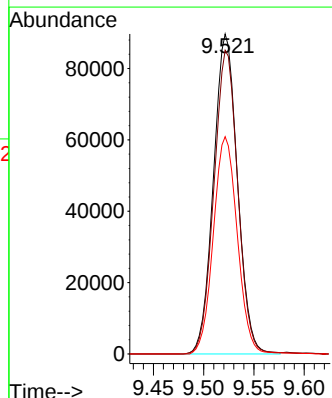
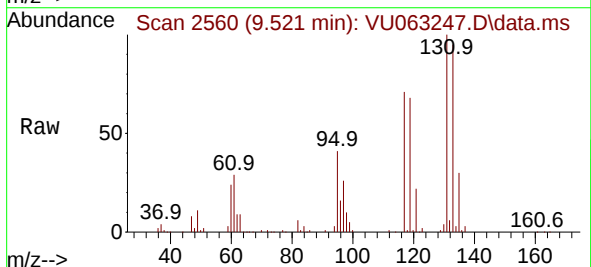
Tgt Ion:131 Resp: 148661

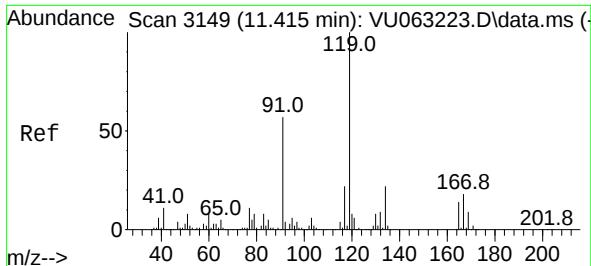
Ion Ratio Lower Upper

131 100

133 94.6 76.7 115.1

119 68.0 54.4 81.6

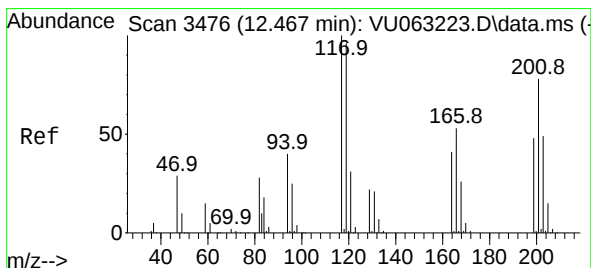
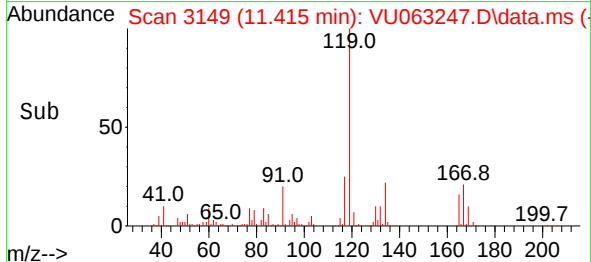
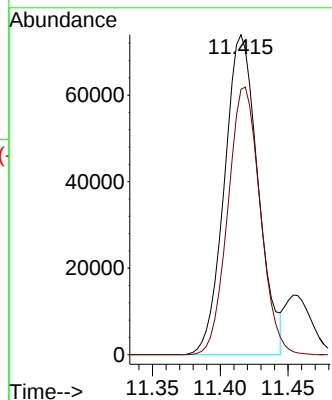
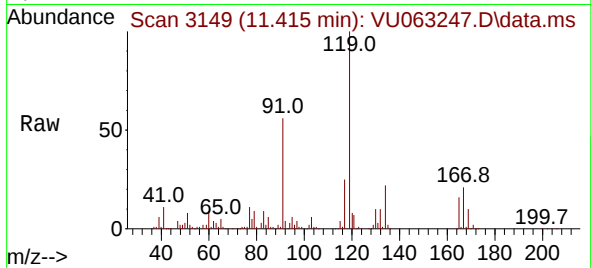




#61
 Pentachloroethane
 Concen: 10.076 ug/l
 RT: 11.415 min Scan# 3149
 Delta R.T. 0.000 min
 Lab File: VU063247.D
 Acq: 11 Feb 2025 19:54

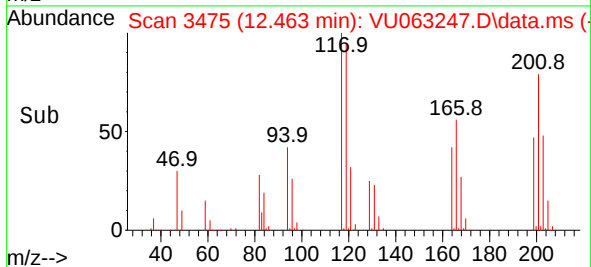
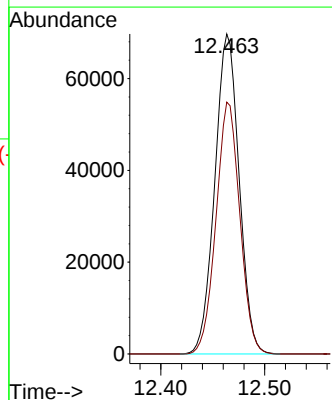
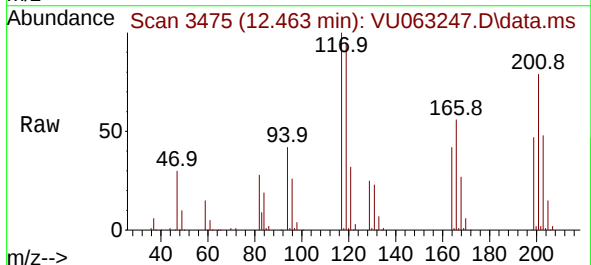
Instrument :
 MSVOA_U
 ClientSampleId :

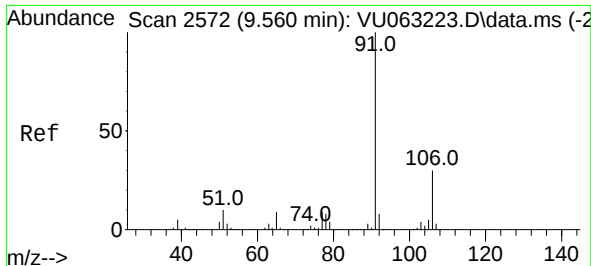
Tgt Ion:117 Resp: 127814
 Ion Ratio Lower Upper
 117 100
 167 80.3 65.0 97.6



#62
 Hexachloroethane
 Concen: 10.099 ug/l
 RT: 12.463 min Scan# 3475
 Delta R.T. -0.003 min
 Lab File: VU063247.D
 Acq: 11 Feb 2025 19:54

Tgt Ion:117 Resp: 113342
 Ion Ratio Lower Upper
 117 100
 201 77.2 61.3 91.9





#63

Ethyl Benzene

Concen: 10.746 ug/l

RT: 9.560 min Scan# 2572

Delta R.T. 0.000 min

Lab File: VU063247.D

Acq: 11 Feb 2025 19:54

Instrument :

MSVOA_U

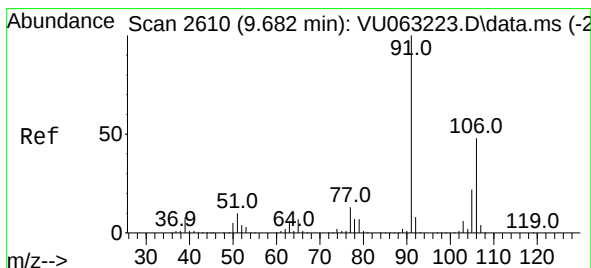
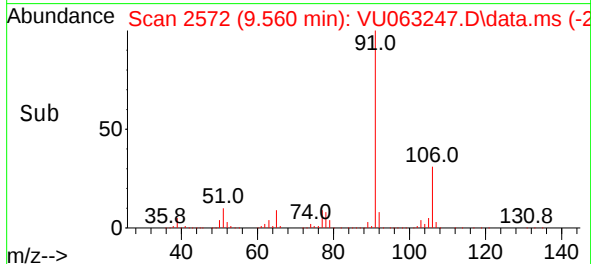
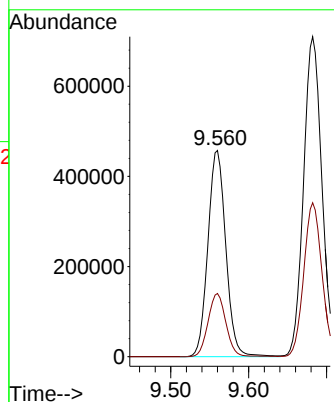
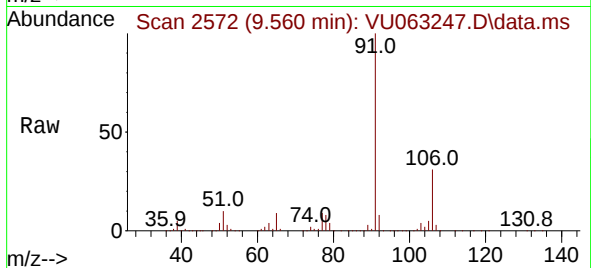
ClientSampleId :

Tgt Ion: 91 Resp: 732149

Ion Ratio Lower Upper

91 100

106 30.7 24.2 36.2



#64

m/p-Xylenes

Concen: 22.131 ug/l

RT: 9.682 min Scan# 2610

Delta R.T. 0.000 min

Lab File: VU063247.D

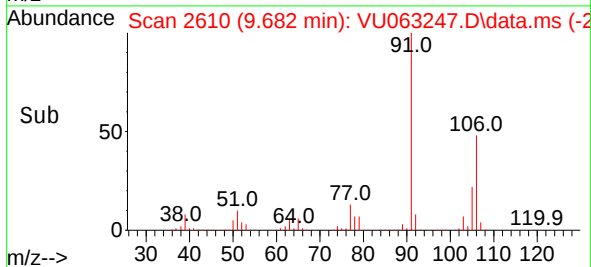
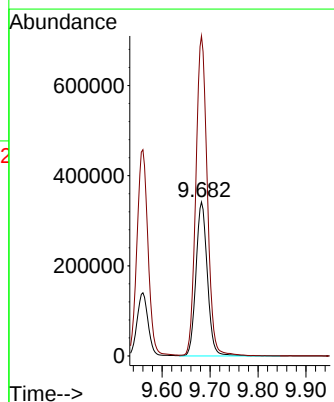
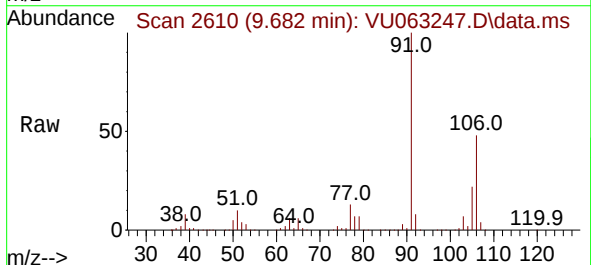
Acq: 11 Feb 2025 19:54

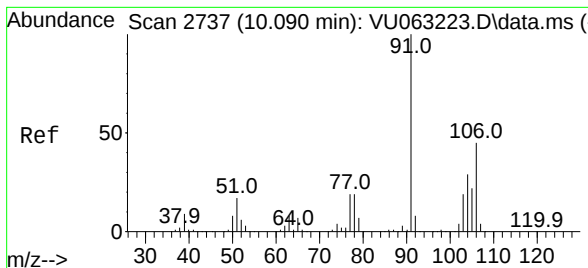
Tgt Ion:106 Resp: 563239

Ion Ratio Lower Upper

106 100

91 208.5 166.9 250.3

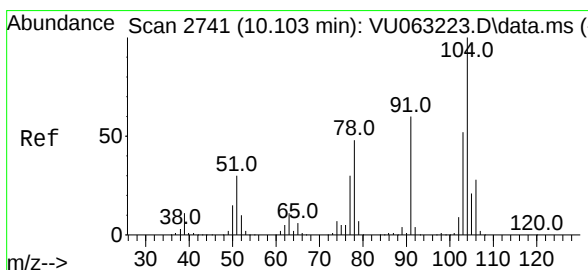
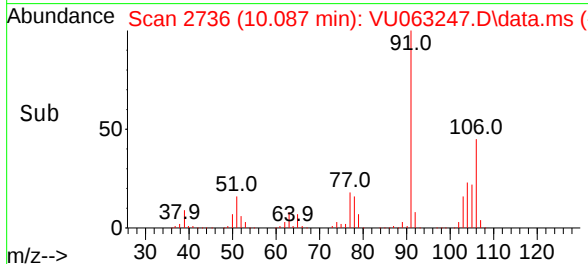
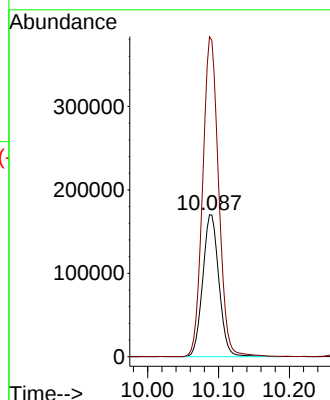
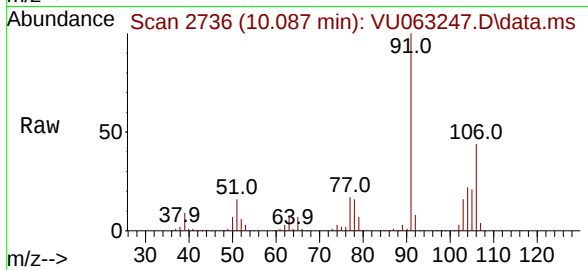




#65
o-Xylene
Concen: 10.861 ug/l
RT: 10.087 min Scan# 2736
Delta R.T. -0.003 min
Lab File: VU063247.D
Acq: 11 Feb 2025 19:54

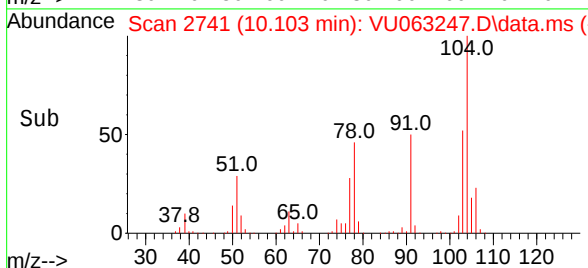
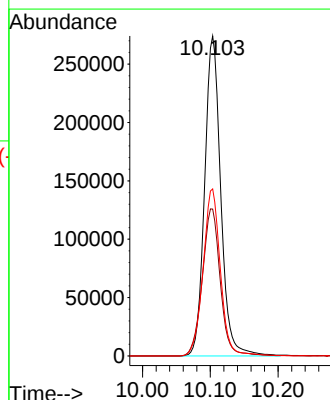
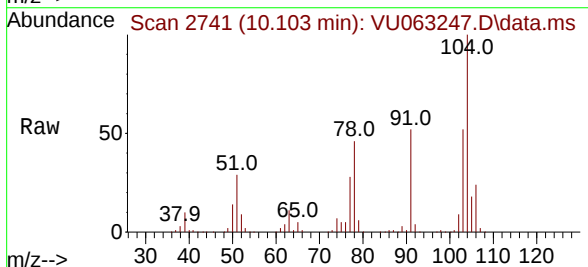
Instrument :
MSVOA_U
ClientSampleId :

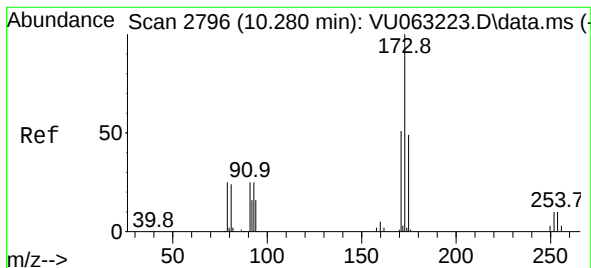
Tgt Ion:106 Resp: 270592
Ion Ratio Lower Upper
106 100
91 222.0 110.9 332.9



#66
Styrene
Concen: 11.446 ug/l
RT: 10.103 min Scan# 2741
Delta R.T. 0.000 min
Lab File: VU063247.D
Acq: 11 Feb 2025 19:54

Tgt Ion:104 Resp: 453847
Ion Ratio Lower Upper
104 100
78 51.0 41.2 61.8
103 55.9 44.8 67.2





#67

Bromoform

Concen: 10.779 ug/l

RT: 10.277 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU063247.D

Acq: 11 Feb 2025 19:54

Instrument :

MSVOA_U

ClientSampleId :

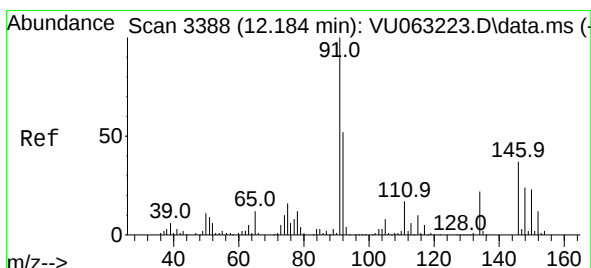
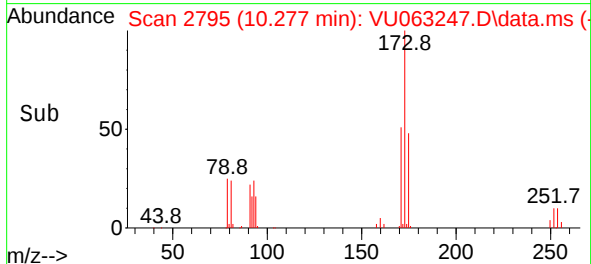
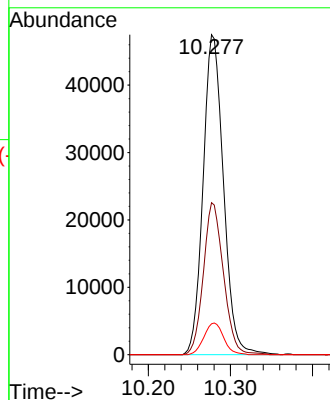
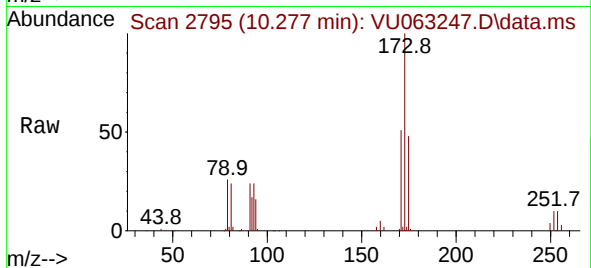
Tgt Ion:173 Resp: 81875

Ion Ratio Lower Upper

173 100

175 46.8 39.0 58.4

254 9.6 7.7 11.5



#68

1,2-Dichlorobenzene-d4

Concen: 1.048 ug/l

RT: 12.180 min Scan# 3387

Delta R.T. -0.003 min

Lab File: VU063247.D

Acq: 11 Feb 2025 19:54

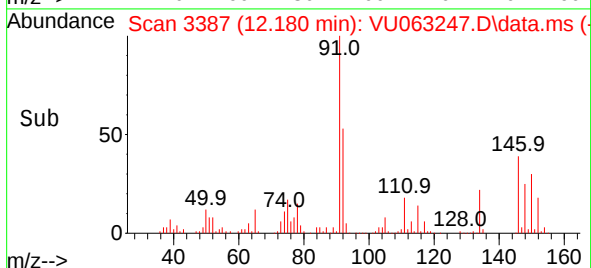
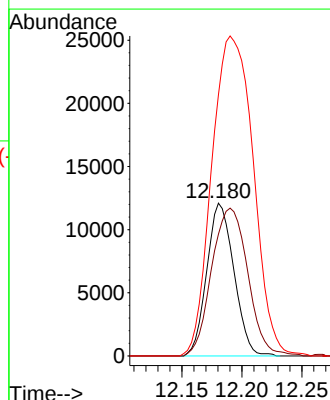
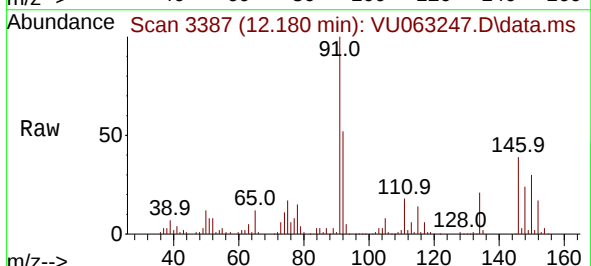
Tgt Ion:152 Resp: 19039

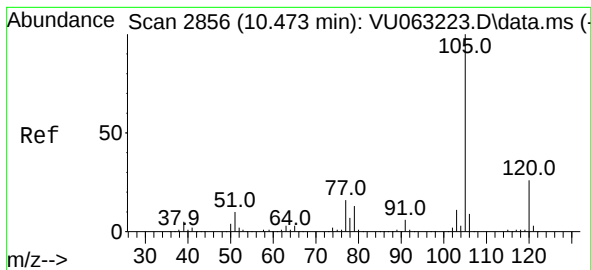
Ion Ratio Lower Upper

152 100

115 128.9 0.0 275.2

150 320.3 0.0 658.4





#69

Isopropylbenzene

Concen: 10.778 ug/l

RT: 10.473 min Scan# 2856

Delta R.T. 0.000 min

Lab File: VU063247.D

Acq: 11 Feb 2025 19:54

Instrument :

MSVOA_U

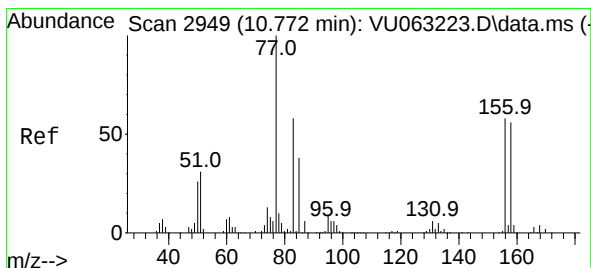
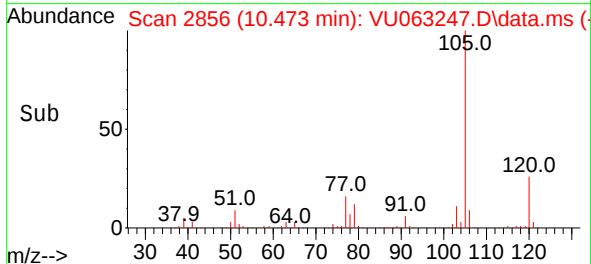
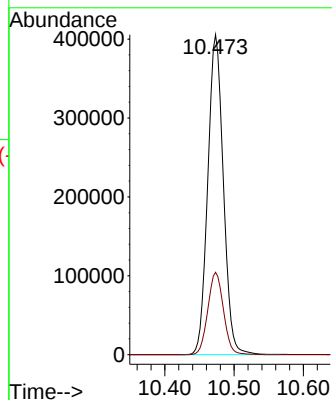
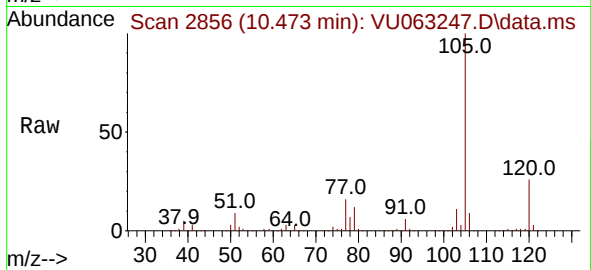
ClientSampleId :

Tgt Ion:105 Resp: 631281

Ion Ratio Lower Upper

105 100

120 25.9 12.8 38.4



#70

1,1,2,2-Tetrachloroethane

Concen: 10.272 ug/l

RT: 10.769 min Scan# 2948

Delta R.T. -0.003 min

Lab File: VU063247.D

Acq: 11 Feb 2025 19:54

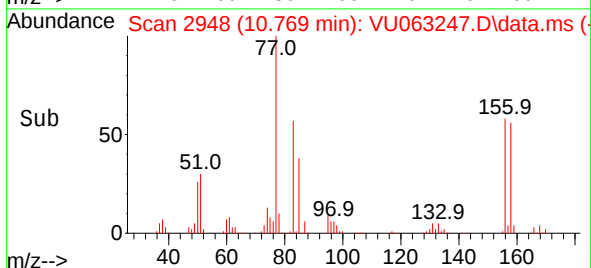
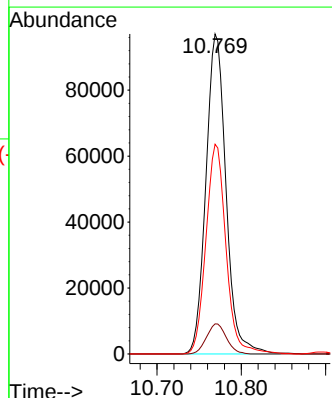
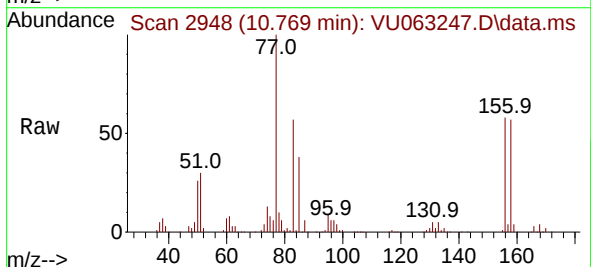
Tgt Ion: 83 Resp: 161046

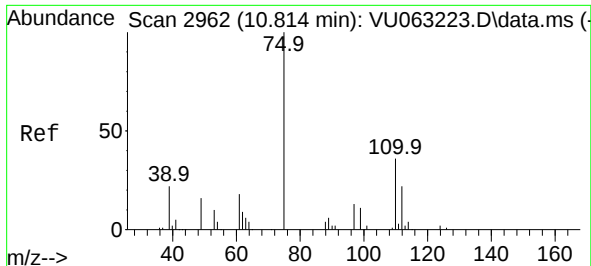
Ion Ratio Lower Upper

83 100

131 9.3 7.4 11.0

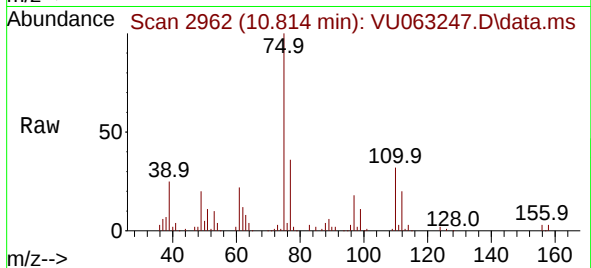
85 65.6 51.8 77.8



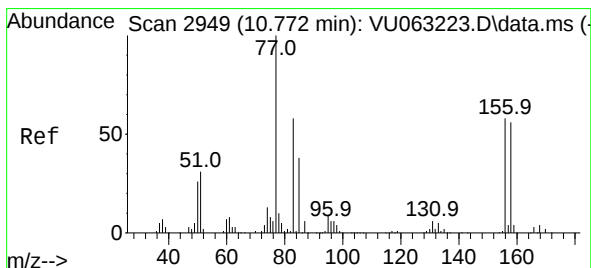
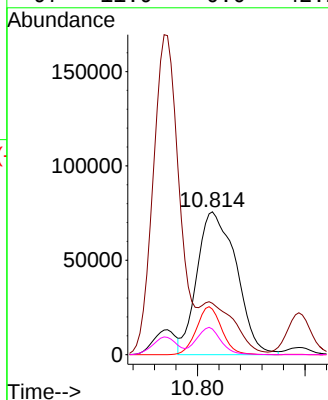
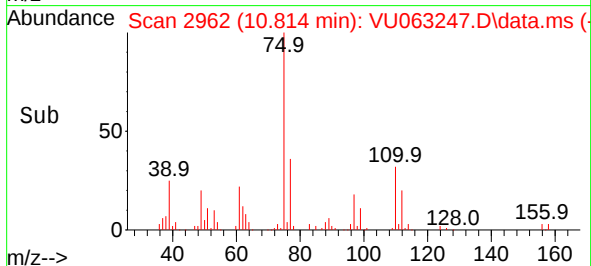


#71
1,2,3-Trichloropropane
Concen: 16.292 ug/l
RT: 10.814 min Scan# 2962
Delta R.T. 0.000 min
Lab File: VU063247.D
Acq: 11 Feb 2025 19:54

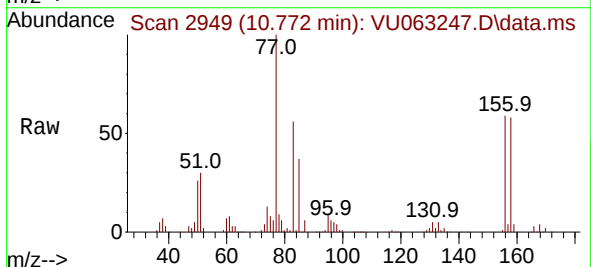
Instrument :
MSVOA_U
ClientSampleId :



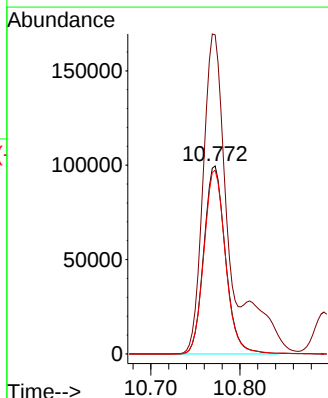
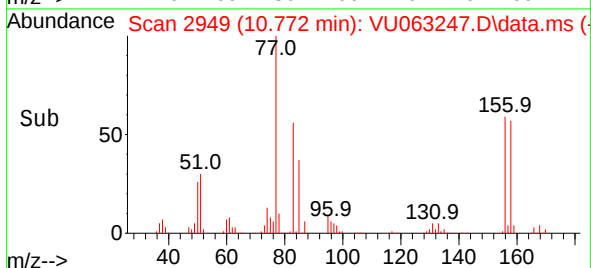
Tgt Ion:	75	Resp:	191913
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0
110	21.6	0.0	77.0
97	11.9	0.0	42.2

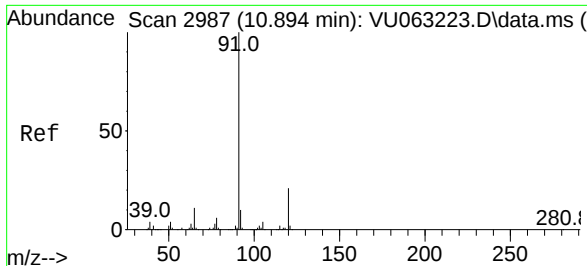


#72
Bromobenzene
Concen: 10.596 ug/l
RT: 10.772 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU063247.D
Acq: 11 Feb 2025 19:54



Tgt Ion:	156	Resp:	167229
Ion	Ratio	Lower	Upper
156	100		
77	172.8	0.0	343.6
158	98.3	0.0	193.0

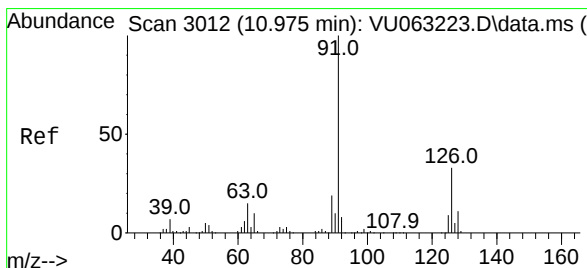
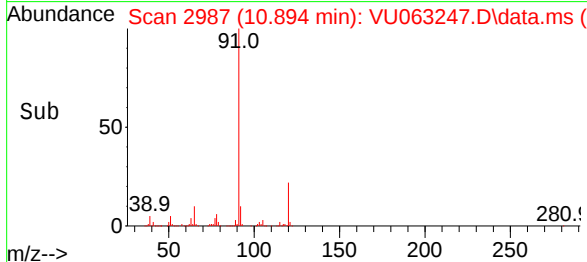
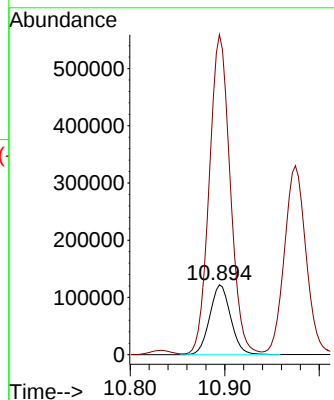
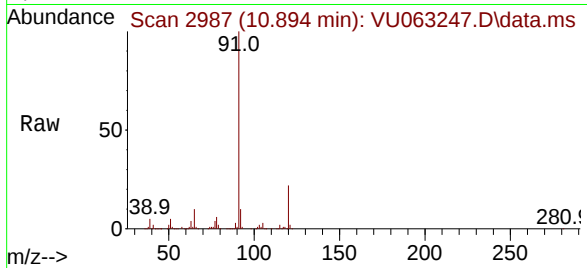




#73
n-propylbenzene
Concen: 11.170 ug/l
RT: 10.894 min Scan# 2987
Delta R.T. 0.000 min
Lab File: VU063247.D
Acq: 11 Feb 2025 19:54

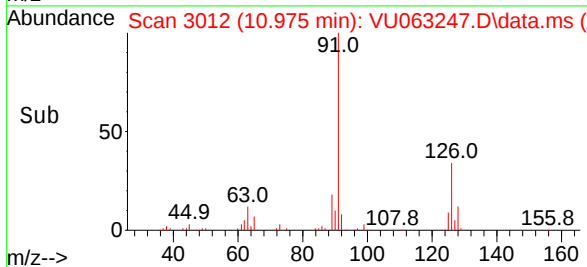
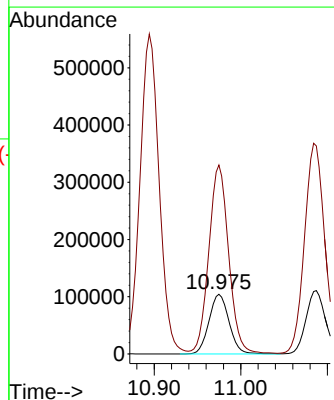
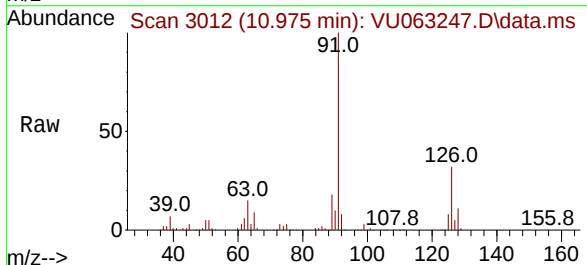
Instrument :
MSVOA_U
ClientSampleId :

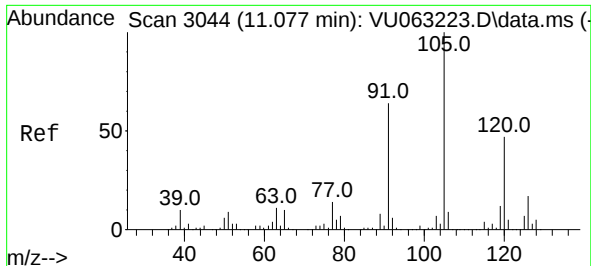
Tgt Ion:120 Resp: 187327
Ion Ratio Lower Upper
120 100
91 456.9 369.8 554.6



#74
2-Chlorotoluene
Concen: 10.870 ug/l
RT: 10.975 min Scan# 3012
Delta R.T. 0.000 min
Lab File: VU063247.D
Acq: 11 Feb 2025 19:54

Tgt Ion:126 Resp: 168006
Ion Ratio Lower Upper
126 100
91 310.9 0.0 623.8





#75

1,3,5-Trimethylbenzene

Concen: 11.160 ug/l

RT: 11.078 min Scan# 3044

Delta R.T. 0.000 min

Lab File: VU063247.D

Acq: 11 Feb 2025 19:54

Instrument :

MSVOA_U

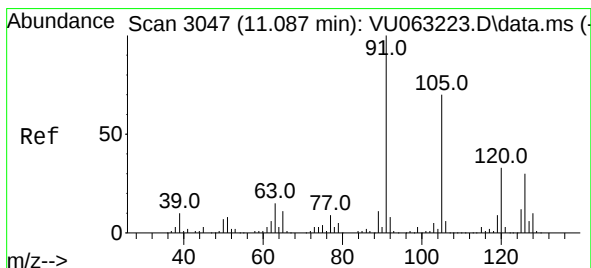
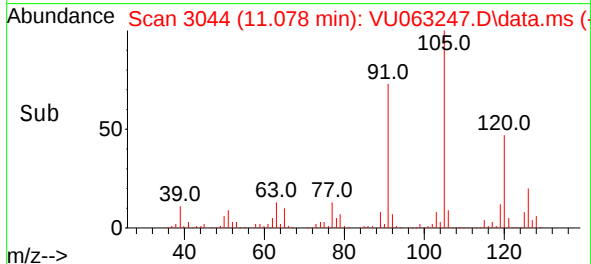
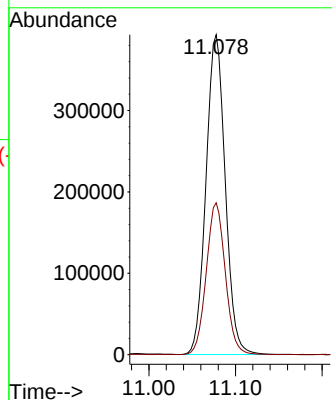
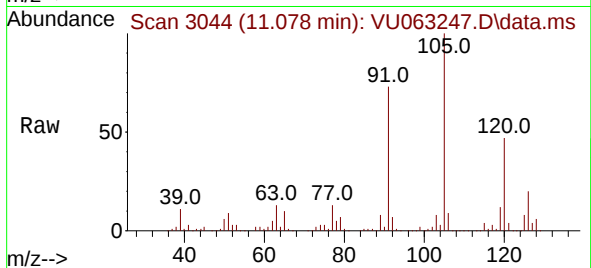
ClientSampleId :

Tgt Ion:105 Resp: 605690

Ion Ratio Lower Upper

105 100

120 47.0 37.3 55.9



#76

4-Chlorotoluene

Concen: 11.003 ug/l

RT: 11.087 min Scan# 3047

Delta R.T. 0.000 min

Lab File: VU063247.D

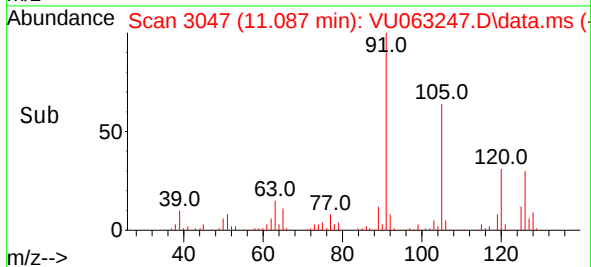
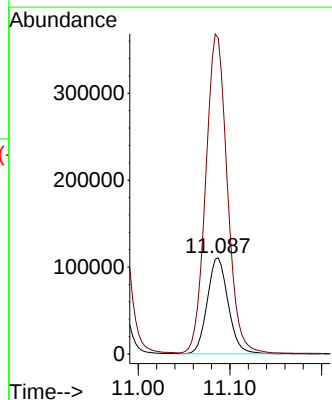
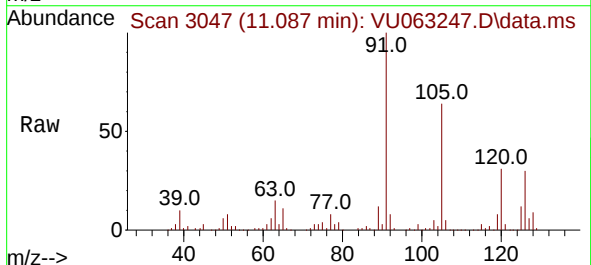
Acq: 11 Feb 2025 19:54

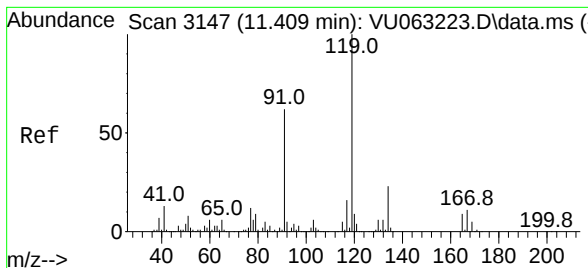
Tgt Ion:126 Resp: 174397

Ion Ratio Lower Upper

126 100

91 344.8 0.0 703.6





#77

tert-Butylbenzene

Concen: 10.595 ug/l

RT: 11.409 min Scan# 3147

Delta R.T. 0.000 min

Lab File: VU063247.D

Acq: 11 Feb 2025 19:54

Instrument :

MSVOA_U

ClientSampleId :

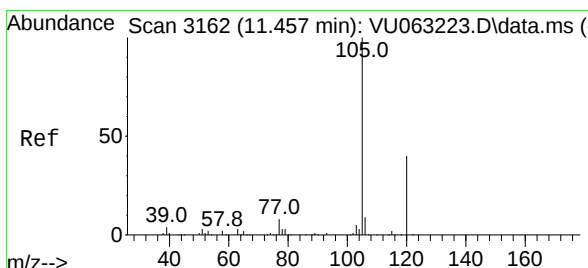
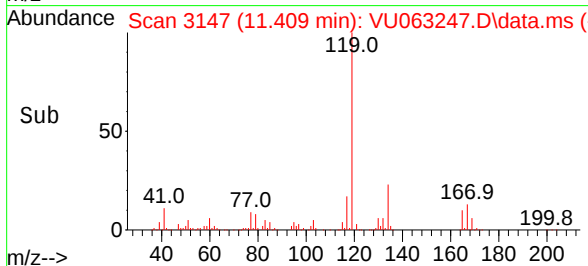
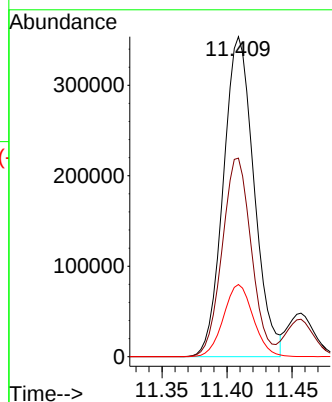
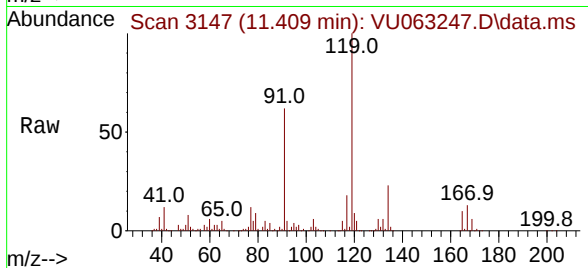
Tgt Ion:119 Resp: 581571

Ion Ratio Lower Upper

119 100

91 59.0 29.4 88.3

134 21.9 17.6 26.4



#78

1,2,4-Trimethylbenzene

Concen: 11.374 ug/l

RT: 11.457 min Scan# 3162

Delta R.T. 0.000 min

Lab File: VU063247.D

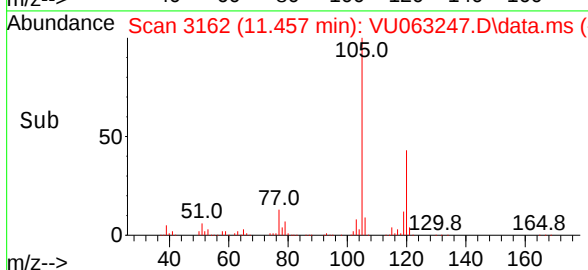
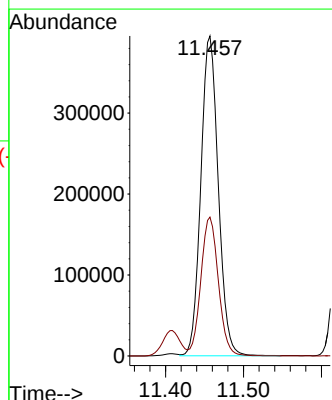
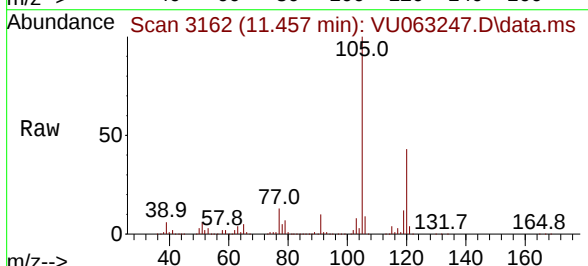
Acq: 11 Feb 2025 19:54

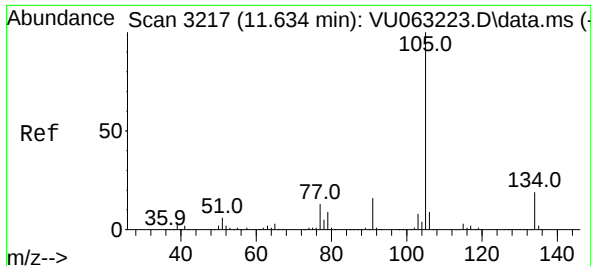
Tgt Ion:105 Resp: 612510

Ion Ratio Lower Upper

105 100

120 43.6 21.9 65.7





#79

sec-Butylbenzene

Concen: 10.734 ug/l

RT: 11.631 min Scan# 3216

Delta R.T. -0.003 min

Lab File: VU063247.D

Acq: 11 Feb 2025 19:54

Instrument :

MSVOA_U

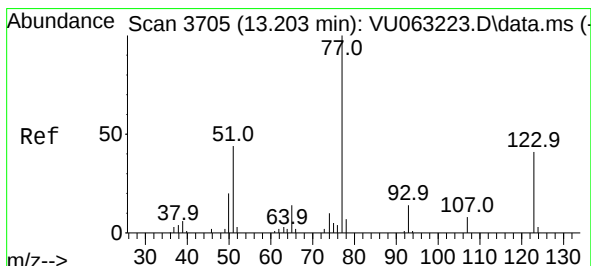
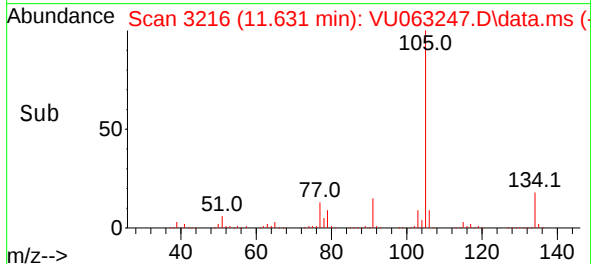
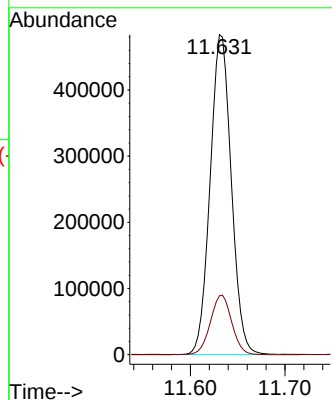
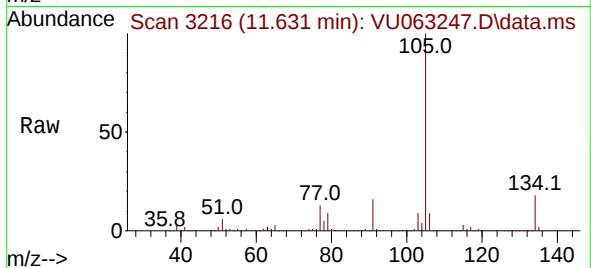
ClientSampleId :

Tgt Ion:105 Resp: 750172

Ion Ratio Lower Upper

105 100

134 18.8 15.1 22.7



#80

Nitrobenzene

Concen: 41.694 ug/l

RT: 13.203 min Scan# 3705

Delta R.T. 0.000 min

Lab File: VU063247.D

Acq: 11 Feb 2025 19:54

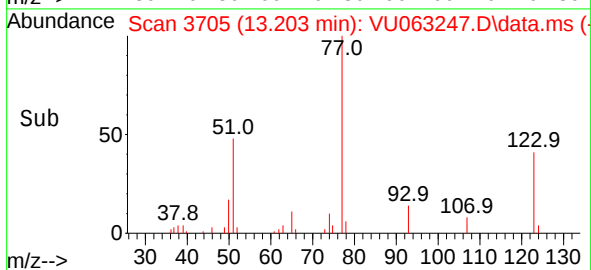
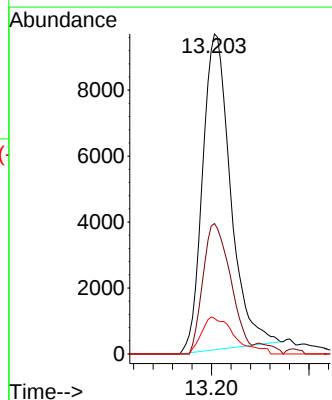
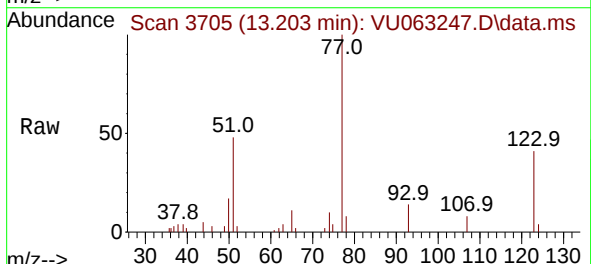
Tgt Ion: 77 Resp: 19044

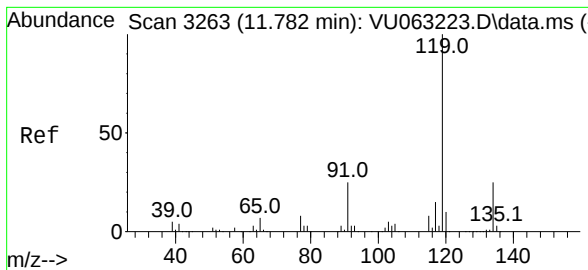
Ion Ratio Lower Upper

77 100

123 38.4 18.9 67.1

65 13.8 11.9 15.1

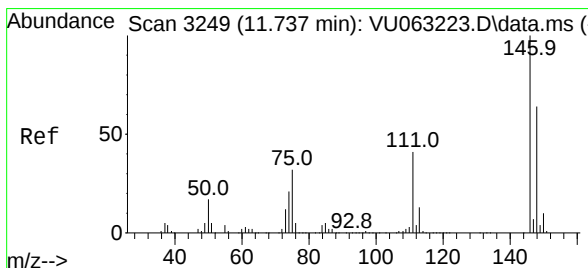
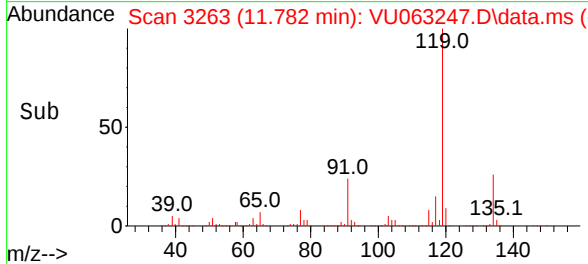
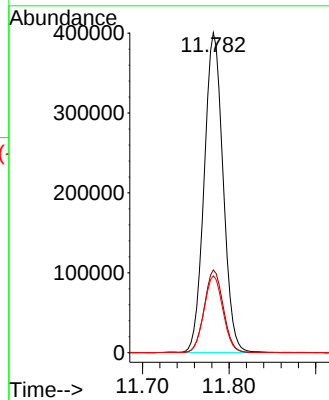
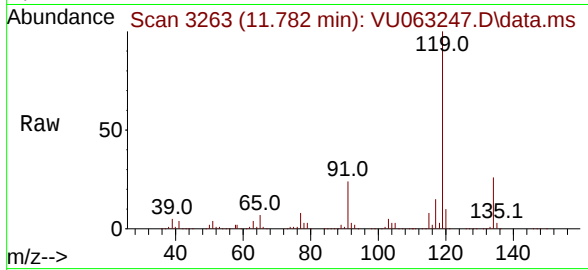




#81
 p-Isopropyltoluene
 Concen: 10.987 ug/l
 RT: 11.782 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU063247.D
 Acq: 11 Feb 2025 19:54

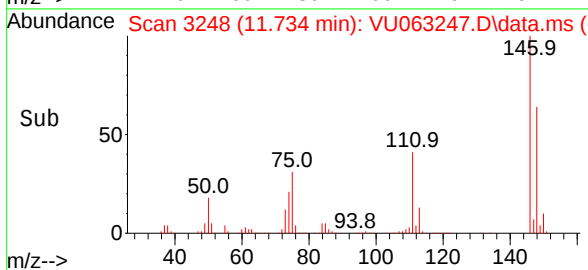
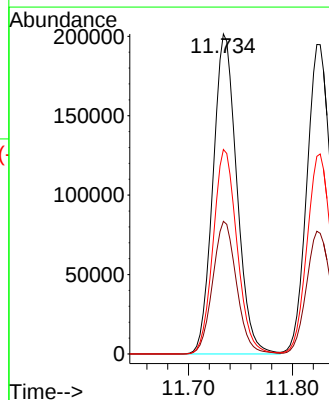
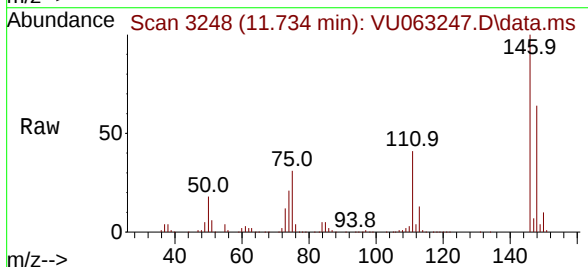
Instrument :
 MSVOA_U
 ClientSampleId :

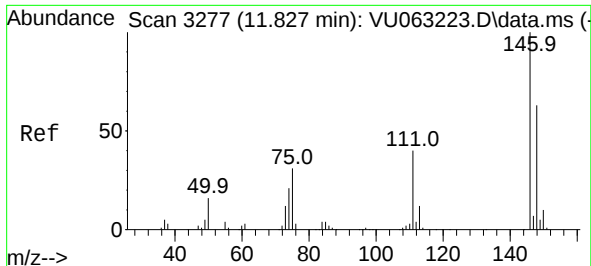
Tgt Ion:119 Resp: 605994
 Ion Ratio Lower Upper
 119 100
 134 26.1 20.3 30.5
 91 24.1 19.4 29.2



#82
 1,3-Dichlorobenzene
 Concen: 10.495 ug/l
 RT: 11.734 min Scan# 3248
 Delta R.T. -0.003 min
 Lab File: VU063247.D
 Acq: 11 Feb 2025 19:54

Tgt Ion:146 Resp: 321261
 Ion Ratio Lower Upper
 146 100
 111 41.5 32.8 49.2
 148 64.1 51.1 76.7





#83

1,4-Dichlorobenzene

Concen: 10.742 ug/l

RT: 11.824 min Scan# 3277

Delta R.T. -0.003 min

Lab File: VU063247.D

Acq: 11 Feb 2025 19:54

Instrument :

MSVOA_U

ClientSampleId :

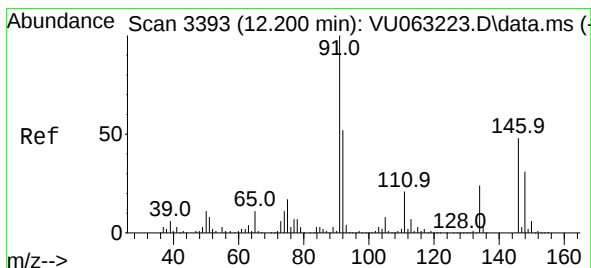
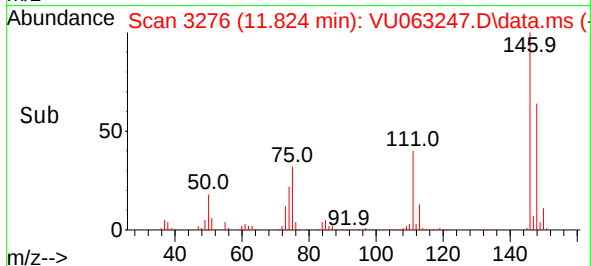
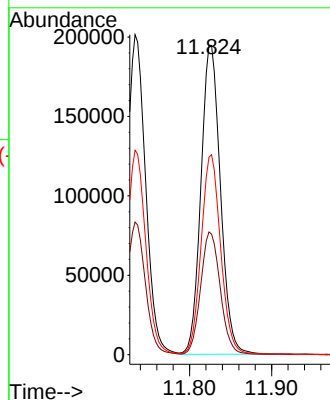
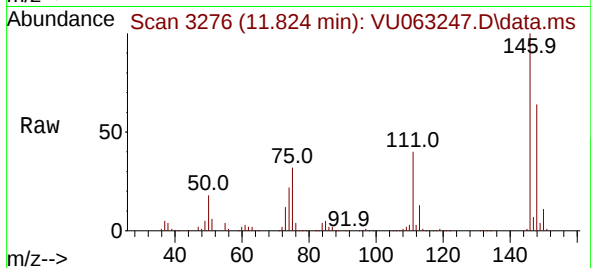
Tgt Ion:146 Resp: 321627

Ion Ratio Lower Upper

146 100

111 39.6 32.1 48.1

148 64.7 50.2 75.4



#84

n-Butylbenzene

Concen: 10.758 ug/l

RT: 12.200 min Scan# 3393

Delta R.T. 0.000 min

Lab File: VU063247.D

Acq: 11 Feb 2025 19:54

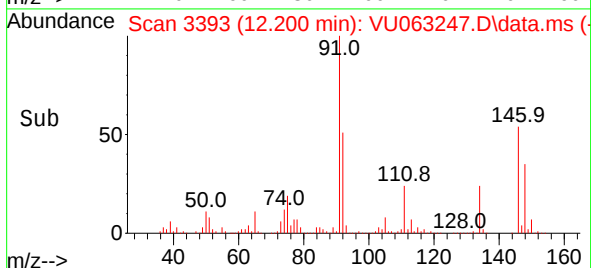
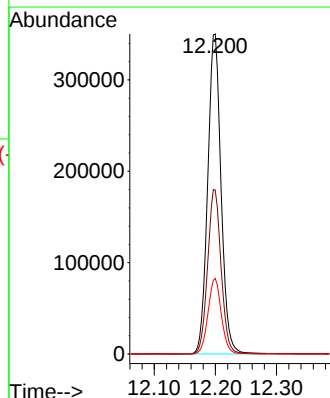
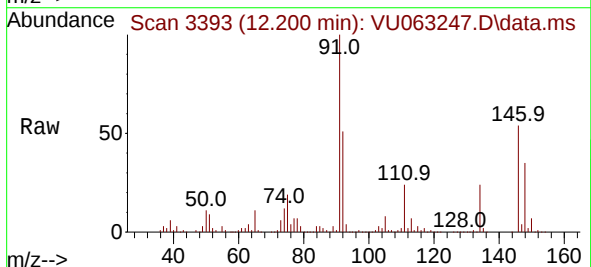
Tgt Ion: 91 Resp: 532040

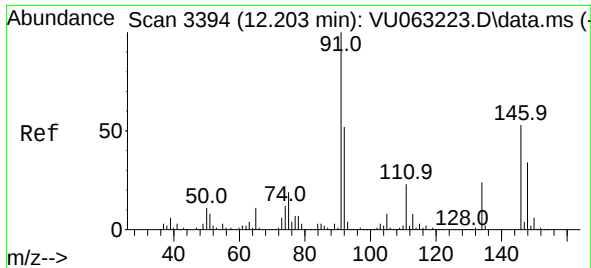
Ion Ratio Lower Upper

91 100

92 51.6 41.8 62.8

134 23.5 18.6 28.0





#85

1,2-Dichlorobenzene

Concen: 10.581 ug/l

RT: 12.200 min Scan# 3394

Delta R.T. -0.003 min

Lab File: VU063247.D

Acq: 11 Feb 2025 19:54

Instrument :

MSVOA_U

ClientSampleId :

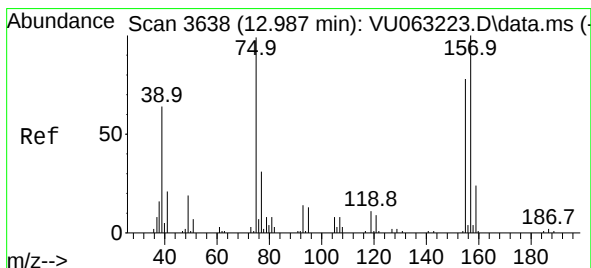
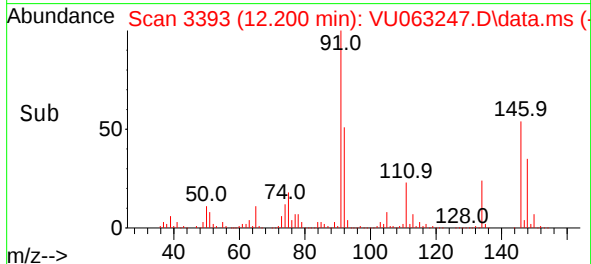
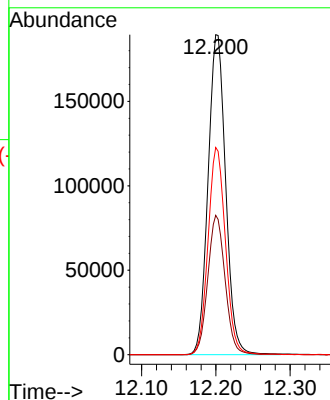
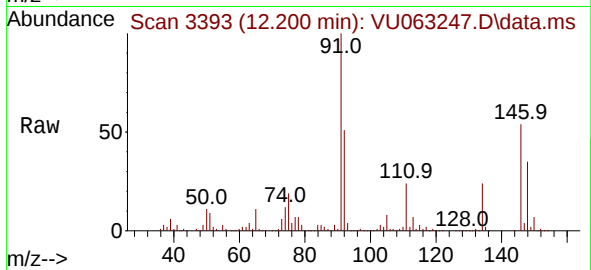
Tgt Ion:146 Resp: 311274

Ion Ratio Lower Upper

146 100

111 42.8 21.9 65.7

148 64.2 32.3 96.9



#86

1,2-Dibromo-3-Chloropropane

Concen: 11.020 ug/l

RT: 12.984 min Scan# 3637

Delta R.T. -0.003 min

Lab File: VU063247.D

Acq: 11 Feb 2025 19:54

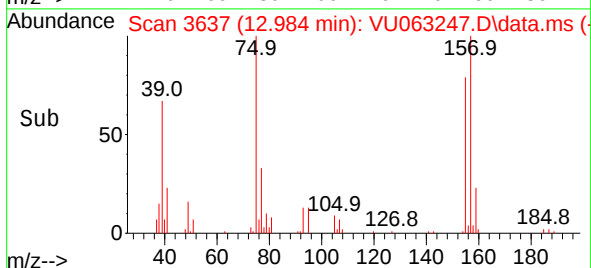
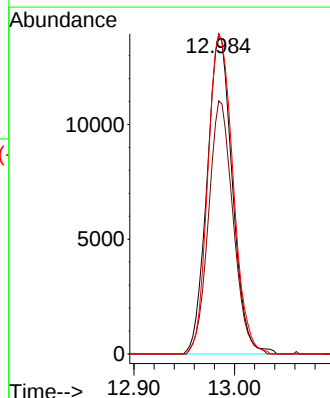
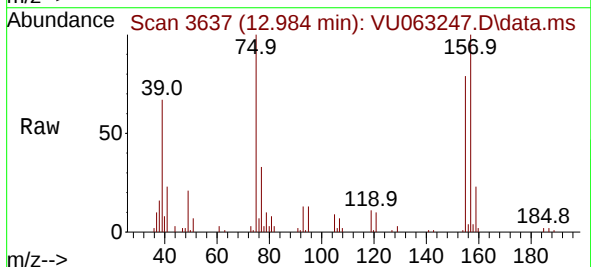
Tgt Ion: 75 Resp: 24252

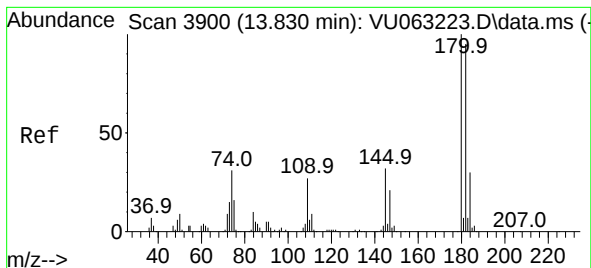
Ion Ratio Lower Upper

75 100

155 77.0 63.5 95.3

157 99.9 81.8 122.6





#87

1,2,4-Trichlorobenzene

Concen: 11.306 ug/l

RT: 13.830 min Scan# 3900

Delta R.T. 0.000 min

Lab File: VU063247.D

Acq: 11 Feb 2025 19:54

Instrument :

MSVOA_U

ClientSampleId :

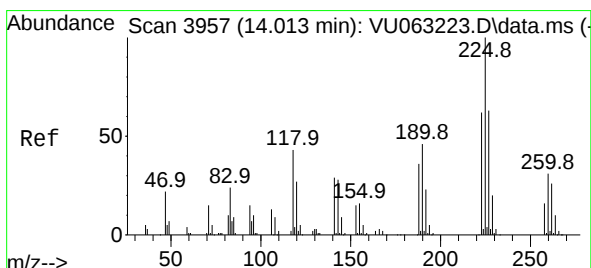
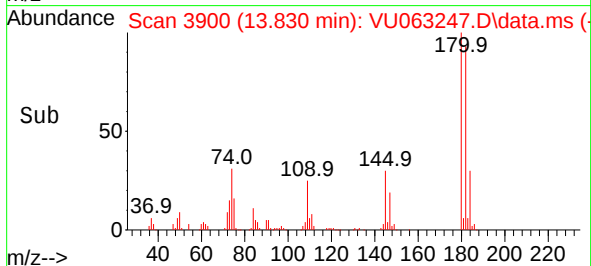
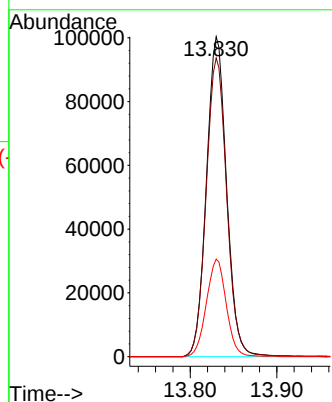
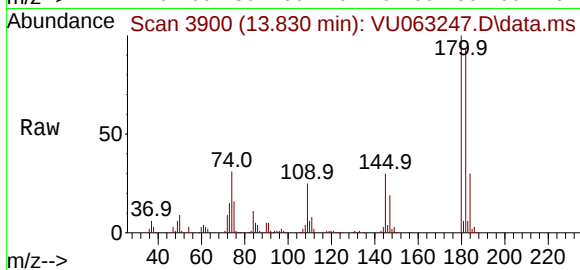
Tgt Ion:180 Resp: 162209

Ion Ratio Lower Upper

180 100

182 95.4 76.6 115.0

145 30.1 25.4 38.2



#88

Hexachlorobutadiene

Concen: 9.192 ug/l

RT: 14.010 min Scan# 3956

Delta R.T. -0.003 min

Lab File: VU063247.D

Acq: 11 Feb 2025 19:54

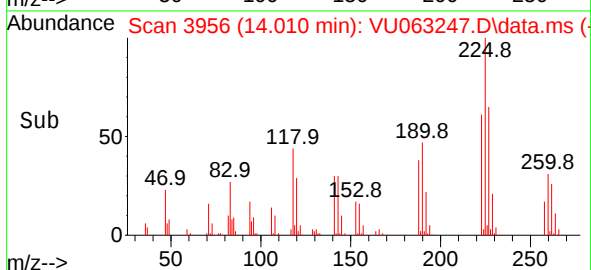
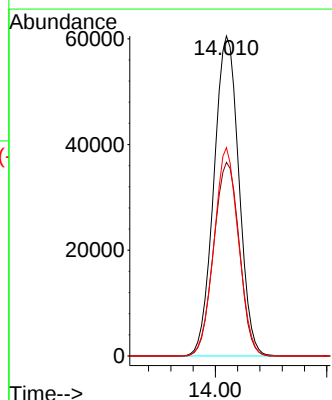
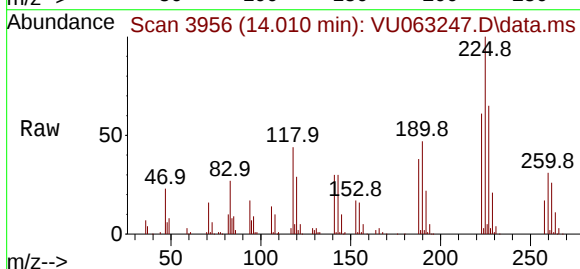
Tgt Ion:225 Resp: 94252

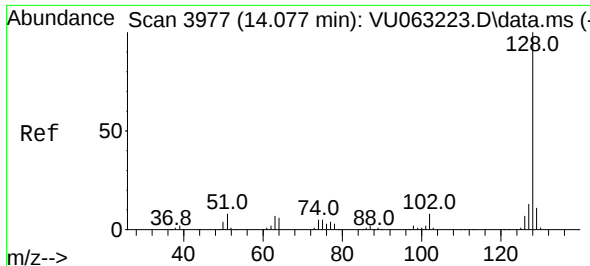
Ion Ratio Lower Upper

225 100

223 61.9 49.5 74.3

227 63.8 51.0 76.4





#89

Naphthalene

Concen: 8.885 ug/l

RT: 14.077 min Scan# 3977

Delta R.T. 0.000 min

Lab File: VU063247.D

Acq: 11 Feb 2025 19:54

Instrument :

MSVOA_U

ClientSampleId :

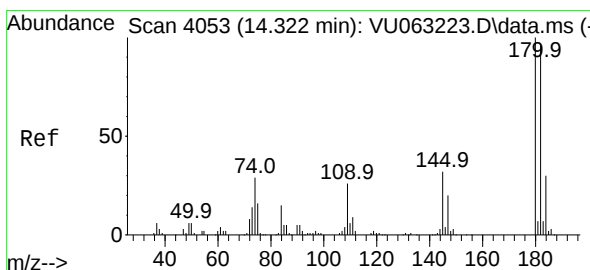
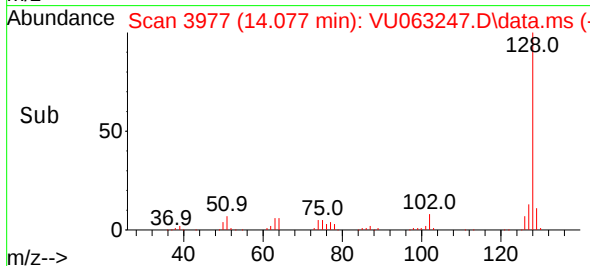
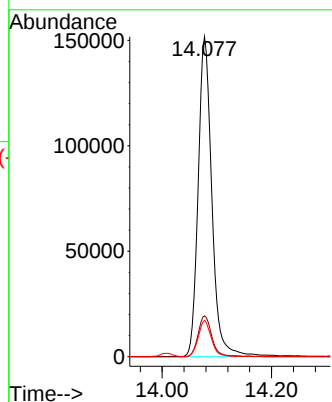
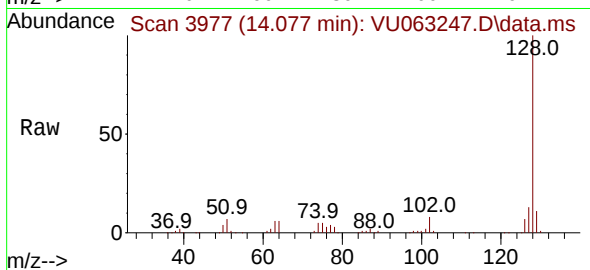
Tgt Ion:128 Resp: 263866

Ion Ratio Lower Upper

128 100

127 12.7 10.6 16.0

129 10.7 8.6 13.0



#90

1,2,3-Trichlorobenzene

Concen: 11.316 ug/l

RT: 14.319 min Scan# 4052

Delta R.T. -0.003 min

Lab File: VU063247.D

Acq: 11 Feb 2025 19:54

Tgt Ion:180 Resp: 158862

Ion Ratio Lower Upper

180 100

182 95.6 78.2 117.2

145 31.8 26.1 39.1

