

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021025\
 Data File : VU063227.D
 Acq On : 10 Feb 2025 18:49
 Operator : MD/SY
 Sample : VU0210WBS01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 11 04:27:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021025DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Feb 11 04:17:17 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.107	96	56065	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.628	95	18096	0.979	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.000%	
68) 1,2-Dichlorobenzene-d4	12.184	152	18756	0.975	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	36166	1.985	ug/l	99
3) Chloromethane	1.519	50	41520	1.979	ug/l	98
4) Vinyl Chloride	1.599	62	41928	2.020	ug/l	97
5) Bromomethane	1.843	94	22785	2.374	ug/l	98
6) Chloroethane	1.924	64	25299	1.935	ug/l	99
7) Trichlorofluoromethane	2.130	101	48799	1.984	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.567	101	28844	2.066	ug/l	99
9) 1,1-Dichloroethene	2.570	96	28074	1.974	ug/l	91
10) Iodomethane	2.708	142	43809	1.959	ug/l	97
11) Allyl Chloride	2.914	41	41580	2.035	ug/l	97
12) Acrylonitrile	3.313	53	13665	4.165	ug/l	95
13) Acetone	2.615	43	26254	10.407	ug/l	95
14) Carbon Disulfide	2.782	76	98664	1.984	ug/l	99
15) Methylene Chloride	3.033	84	35231	2.005	ug/l	98
16) trans-1,2-Dichloroethene	3.342	96	31400	1.934	ug/l	92
17) 1,1-Dichloroethane	3.856	63	60868	1.989	ug/l	98
18) 2-Butanone	4.699	43	41734	10.395	ug/l	96
19) Cyclohexane	5.374	56	43962	1.788	ug/l	89
20) Methylcyclohexane	6.750	83	48911	2.006	ug/l	99
21) 2,2-Dichloropropane	4.650	77	46933	1.966	ug/l	99
22) cis-1,2-Dichloroethene	4.657	96	35021	1.997	ug/l	99
23) Diethyl Ether	2.367	59	24634	2.018	ug/l	98
24) tert-Butyl Alcohol	3.168	59	34185	22.368	ug/l	96
25) Methyl tert-Butyl Ether	3.348	73	73688	2.074	ug/l	98
26) Bromochloromethane	4.962	128	15231	1.987	ug/l	97
27) Chloroform	5.075	83	61553	1.993	ug/l	99
28) 1,1,1-Trichloroethane	5.303	97	48983	1.958	ug/l	99
29) 1,1-Dichloropropene	5.515	75	43919	1.960	ug/l	97
30) Carbon Tetrachloride	5.512	117	42805	1.995	ug/l	97
31) Isopropyl Ether	3.978	45	86413	1.978	ug/l	99
32) Ethyl-t-butyl ether	4.486	59	80027	2.014	ug/l	100
33) Tert-Amyl methyl ether	5.927	73	72116	2.078	ug/l	99
34) Propionitrile	4.769	54	13982	11.547	ug/l #	94
35) Benzene	5.763	78	137602	1.997	ug/l	99
36) 1,2-Dichloroethane	5.782	62	40527	2.038	ug/l	100
37) Trichloroethene	6.534	130	32676	1.995	ug/l	98
38) 1,2-Dichloropropane	6.779	63	35822	1.987	ug/l	98
39) Methacrylonitrile	4.969	41	9593	2.126	ug/l	97
40) Methyl acrylate	4.853	55	14733	1.771	ug/l #	96
41) Tetrahydrofuran	5.052	42	11338	4.320	ug/l	96
42) 1-Chlorobutane	5.448	56	61252	1.998	ug/l	99
43) Dibromomethane	6.907	93	19174	2.100	ug/l	95
44) Bromodichloromethane	7.094	83	43266	2.036	ug/l	99

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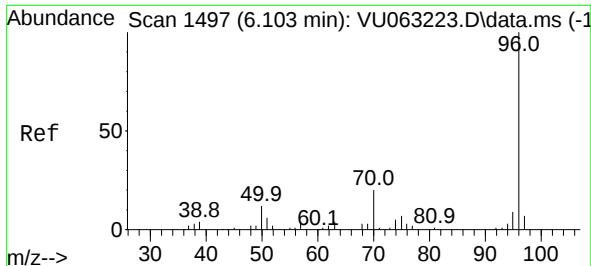
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021025DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.779	43	104506	10.918	ug/l	99
46) t-1,4-Dichloro-2-butene	10.811	75	40389	8.976	ug/l #	51
47) Methyl methacrylate	6.952	69	33136	4.309	ug/l	96
48) Ethyl methacrylate	8.325	69	29937	2.073	ug/l	99
49) Toluene	7.959	92	77655	1.960	ug/l	96
50) t-1,3-Dichloropropene	8.203	75	39580	2.034	ug/l	100
51) cis-1,3-Dichloropropene	7.599	75	48373	2.013	ug/l	99
52) 1,1,2-Trichloroethane	8.390	97	26347	2.140	ug/l	96
53) 1,3-Dichloropropane	8.563	76	45475	2.081	ug/l	99
54) 2-Hexanone	8.676	43	68097	10.425	ug/l	96
55) Dibromochloromethane	8.798	129	29468	2.081	ug/l	99
56) 1,2-Dibromoethane	8.914	107	24385	2.112	ug/l	99
58) Tetrachloroethene	8.541	164	27537	2.040	ug/l	99
59) Chlorobenzene	9.438	112	84774	2.028	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.521	131	30409	2.024	ug/l	100
61) Pentachloroethane	11.415	117	26748	1.993	ug/l	94
62) Hexachloroethane	12.464	117	21948	1.848	ug/l	100
63) Ethyl Benzene	9.560	91	140088	1.943	ug/l	99
64) m/p-Xylenes	9.682	106	106586	3.958	ug/l	99
65) o-Xylene	10.091	106	53344	2.023	ug/l	96
66) Styrene	10.107	104	82531	1.967	ug/l	100
67) Bromoform	10.280	173	16607	2.066	ug/l	98
69) Isopropylbenzene	10.473	105	123927	1.999	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.772	83	34438	2.076	ug/l	99
71) 1,2,3-Trichloropropane	10.811	75	40389	3.240	ug/l #	75
72) Bromobenzene	10.772	156	34287	2.053	ug/l	99
73) n-propylbenzene	10.898	120	34634	1.952	ug/l	98
74) 2-Chlorotoluene	10.975	126	32159	1.966	ug/l	97
75) 1,3,5-Trimethylbenzene	11.078	105	114421	1.992	ug/l	100
76) 4-Chlorotoluene	11.087	126	33374	1.990	ug/l	99
77) tert-Butylbenzene	11.409	119	111712	1.923	ug/l	99
78) 1,2,4-Trimethylbenzene	11.457	105	110883	1.946	ug/l	99
79) sec-Butylbenzene	11.634	105	146326	1.979	ug/l	99
80) Nitrobenzene	13.216	77	2979	9.435	ug/l #	73
81) p-Isopropyltoluene	11.782	119	117186	2.008	ug/l	99
82) 1,3-Dichlorobenzene	11.737	146	64250	1.983	ug/l	98
83) 1,4-Dichlorobenzene	11.827	146	63500	2.004	ug/l	99
84) n-Butylbenzene	12.200	91	101704	1.943	ug/l	97
85) 1,2-Dichlorobenzene	12.203	146	62444	2.006	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.991	75	5133	2.204	ug/l	97
87) 1,2,4-Trichlorobenzene	13.833	180	32964	2.171	ug/l	99
88) Hexachlorobutadiene	14.010	225	21747	2.004	ug/l	99
89) Naphthalene	14.081	128	54789	2.271	ug/l	99
90) 1,2,3-Trichlorobenzene	14.322	180	32308	2.175	ug/l	99

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

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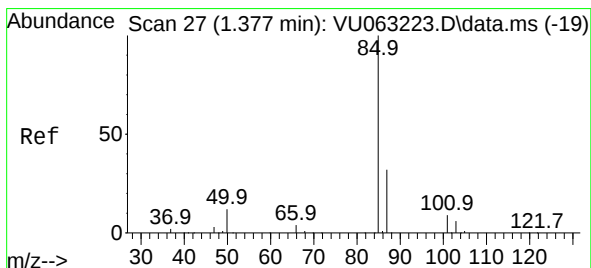
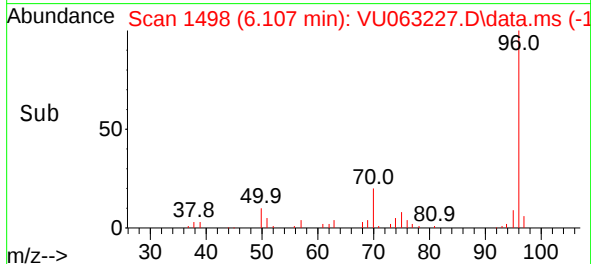
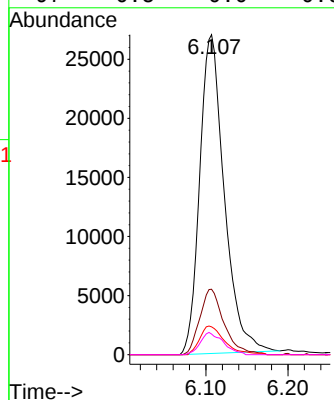
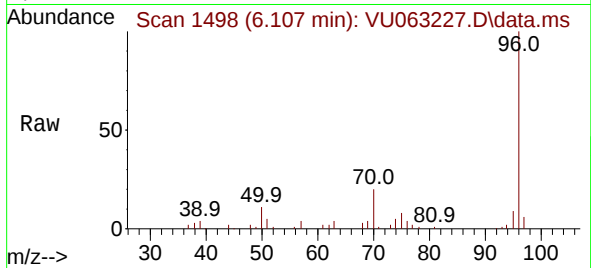




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.107 min Scan# 14
Delta R.T. 0.004 min
Lab File: VU063227.D
Acq: 10 Feb 2025 18:49

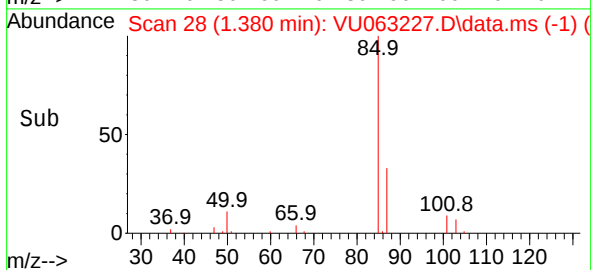
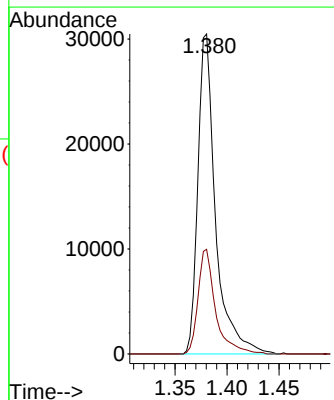
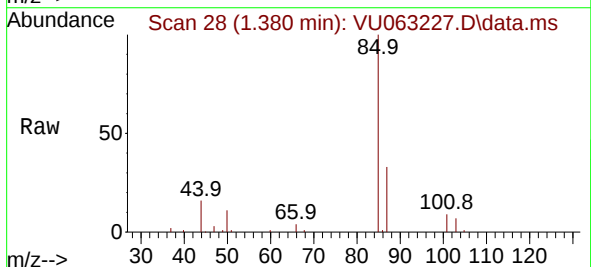
Instrument :
MSVOA_U
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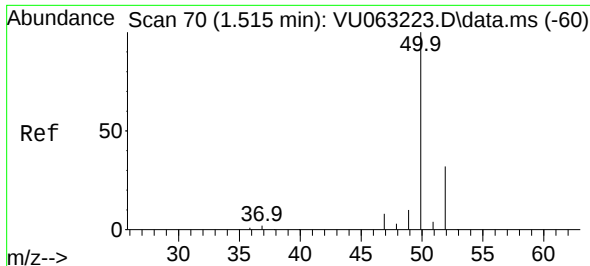
Tgt Ion: 96	Resp: 56065
Ion Ratio	Lower Upper
96 100	
70 20.3	15.6 23.4
95 9.1	7.3 10.9
97 6.5	0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 1.985 ug/l
RT: 1.380 min Scan# 28
Delta R.T. 0.003 min
Lab File: VU063227.D
Acq: 10 Feb 2025 18:49

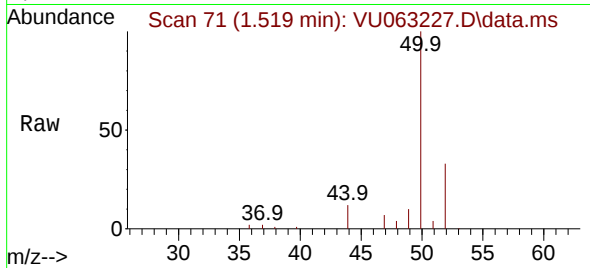
Tgt Ion: 85	Resp: 36166
Ion Ratio	Lower Upper
85 100	
87 32.7	16.0 48.0



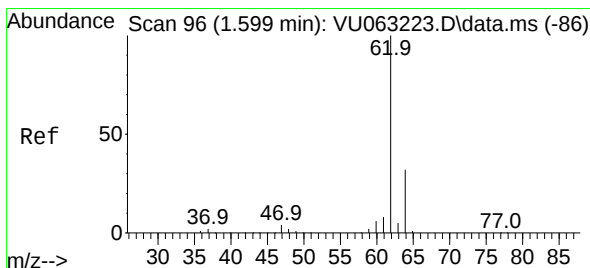
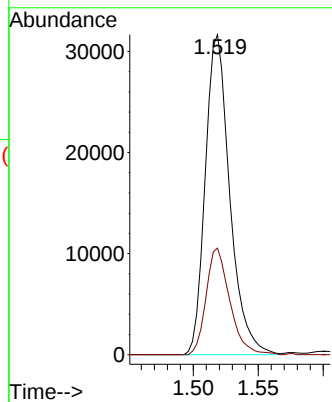
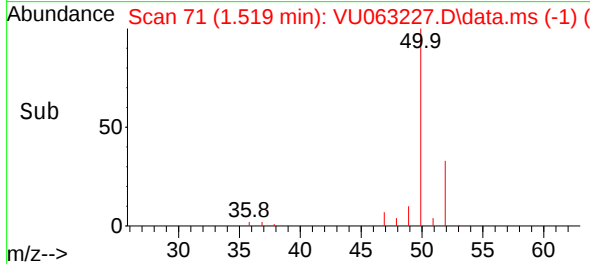


#3
Chloromethane
Concen: 1.979 ug/l
RT: 1.519 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU063227.D
Acq: 10 Feb 2025 18:49

Instrument :
MSVOA_U
ClientSampleId :

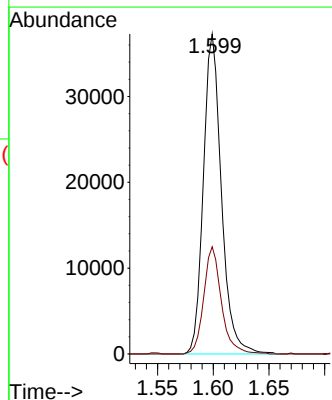
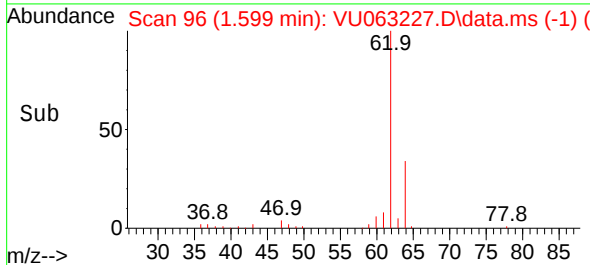
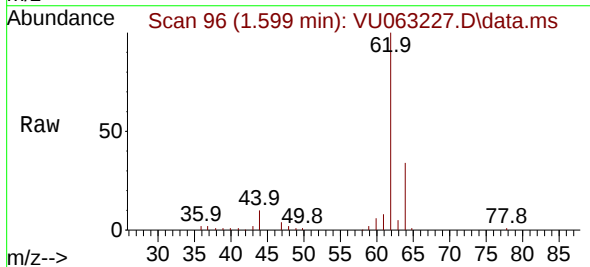


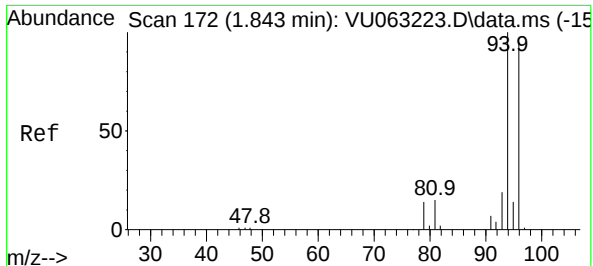
Tgt Ion: 50 Resp: 41520
Ion Ratio Lower Upper
50 100
52 33.3 25.8 38.8



#4
Vinyl Chloride
Concen: 2.020 ug/l
RT: 1.599 min Scan# 96
Delta R.T. 0.000 min
Lab File: VU063227.D
Acq: 10 Feb 2025 18:49

Tgt Ion: 62 Resp: 41928
Ion Ratio Lower Upper
62 100
64 33.5 25.4 38.0

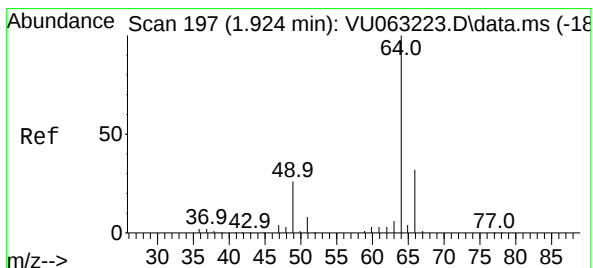
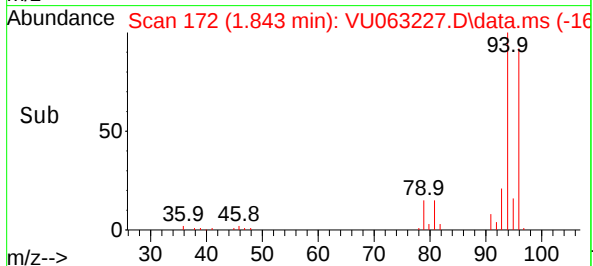
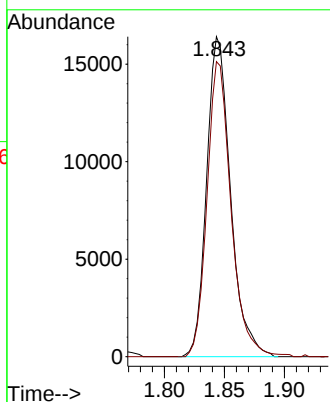
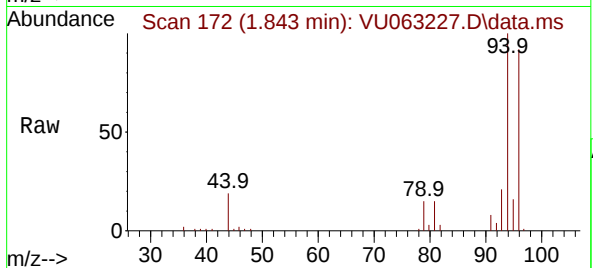




#5
Bromomethane
Concen: 2.374 ug/l
RT: 1.843 min Scan# 172
Delta R.T. 0.000 min
Lab File: VU063227.D
Acq: 10 Feb 2025 18:49

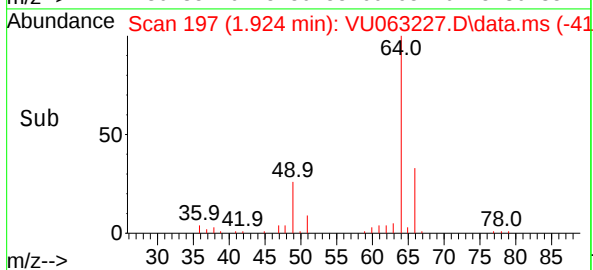
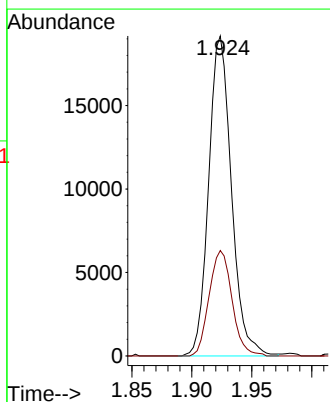
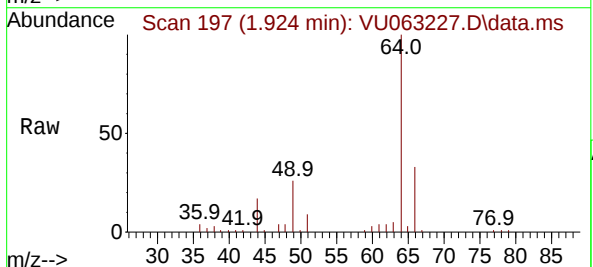
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MSVOA_U
ClientSampleId :

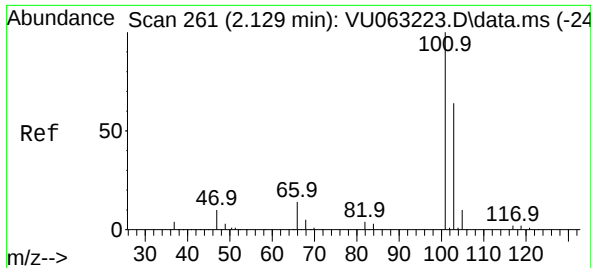
Tgt Ion: 94 Resp: 22785
Ion Ratio Lower Upper
94 100
96 92.2 75.7 113.5



#6
Chloroethane
Concen: 1.935 ug/l
RT: 1.924 min Scan# 197
Delta R.T. 0.000 min
Lab File: VU063227.D
Acq: 10 Feb 2025 18:49

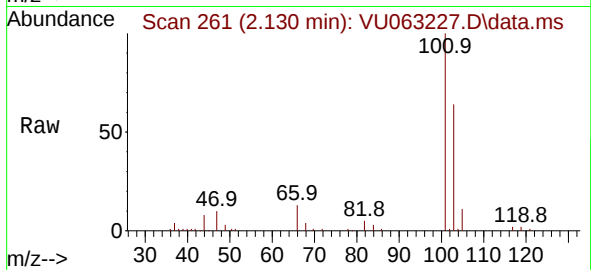
Tgt Ion: 64 Resp: 25299
Ion Ratio Lower Upper
64 100
66 32.9 25.8 38.8



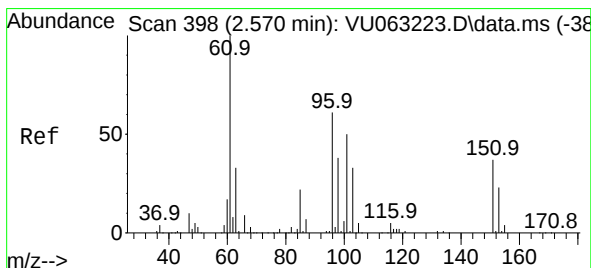
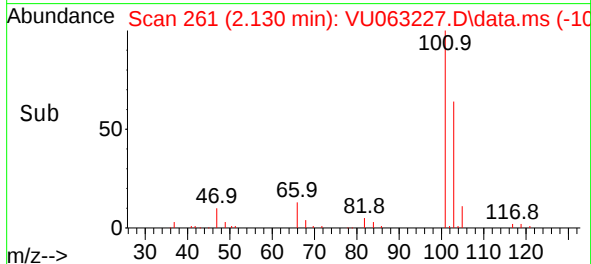
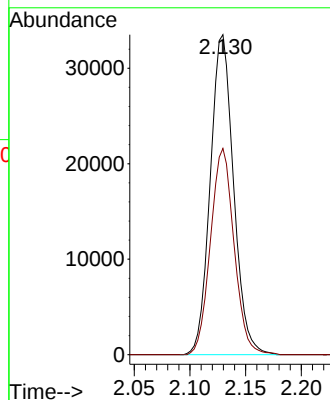


#7
 Trichlorofluoromethane
 Concen: 1.984 ug/l
 RT: 2.130 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VU063227.D
 Acq: 10 Feb 2025 18:49

Instrument :
 MSVOA_U
 ClientSampleId :

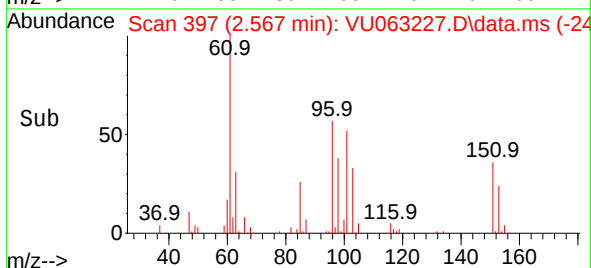
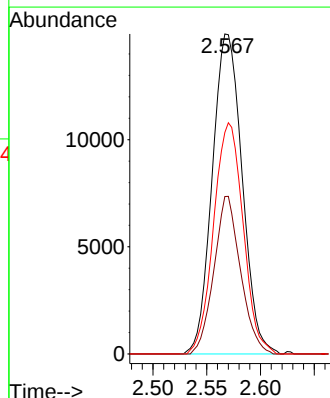
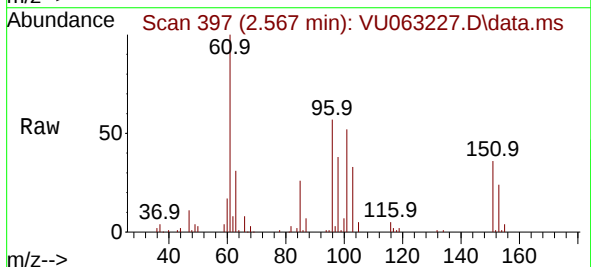


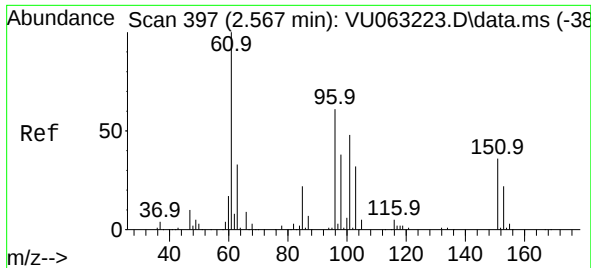
Tgt Ion:101 Resp: 48799
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.4 77.2



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.066 ug/l
 RT: 2.567 min Scan# 397
 Delta R.T. -0.003 min
 Lab File: VU063227.D
 Acq: 10 Feb 2025 18:49

Tgt Ion:101 Resp: 28844
 Ion Ratio Lower Upper
 101 100
 85 43.9 35.4 53.0
 151 71.3 58.5 87.7

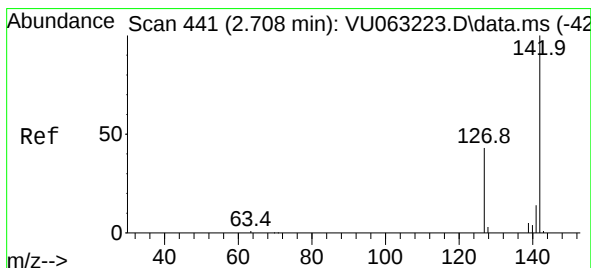
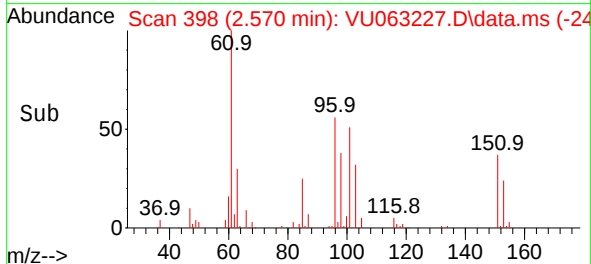
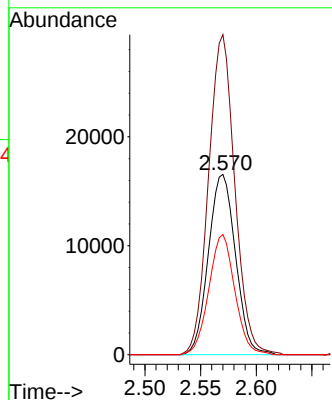
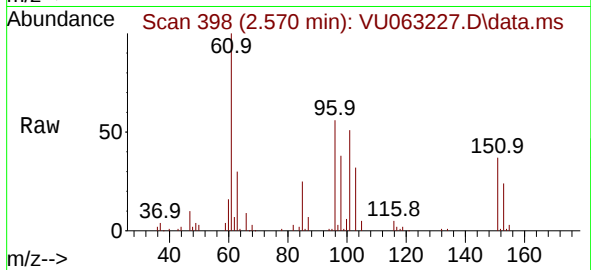




#9
1,1-Dichloroethene
Concen: 1.974 ug/l
RT: 2.570 min Scan# 397
Delta R.T. 0.003 min
Lab File: VU063227.D
Acq: 10 Feb 2025 18:49

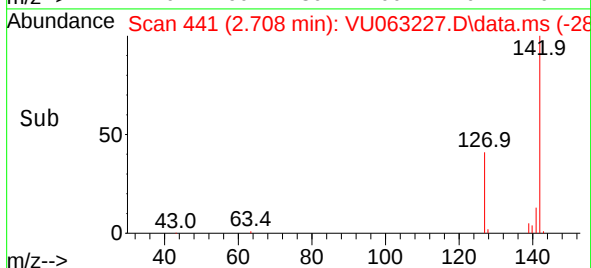
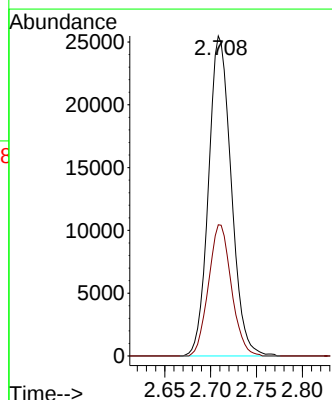
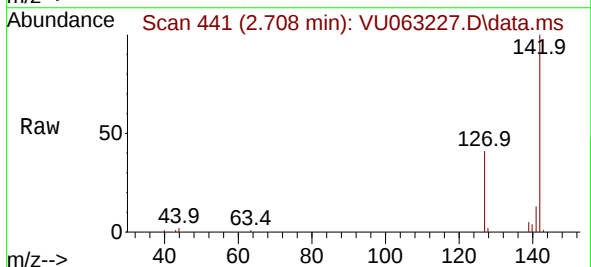
Instrument :
MSVOA_U
ClientSampleId :

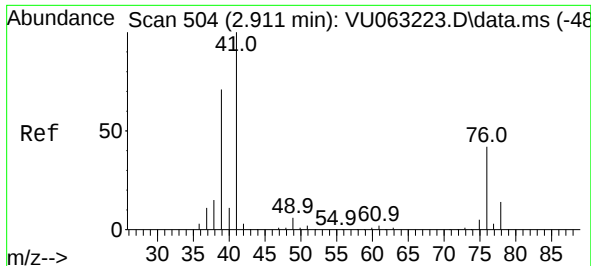
Tgt Ion: 96 Resp: 28074
Ion Ratio Lower Upper
96 100
61 177.5 0.0 492.9
98 66.7 0.0 124.0



#10
Iodomethane
Concen: 1.959 ug/l
RT: 2.708 min Scan# 441
Delta R.T. 0.000 min
Lab File: VU063227.D
Acq: 10 Feb 2025 18:49

Tgt Ion: 142 Resp: 43809
Ion Ratio Lower Upper
142 100
127 41.3 34.5 51.7

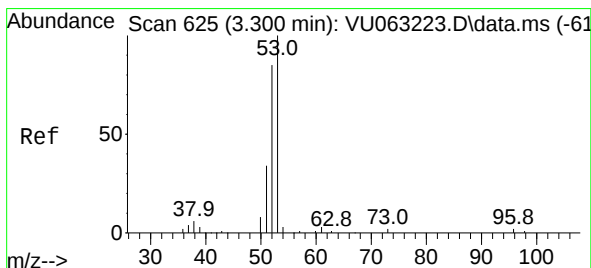
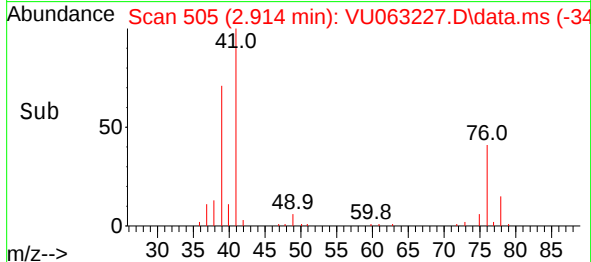
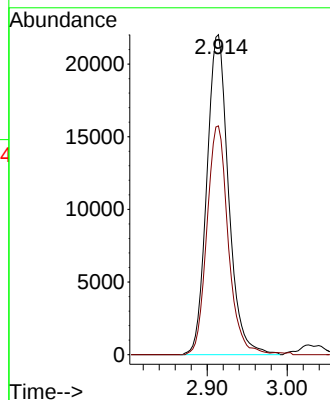
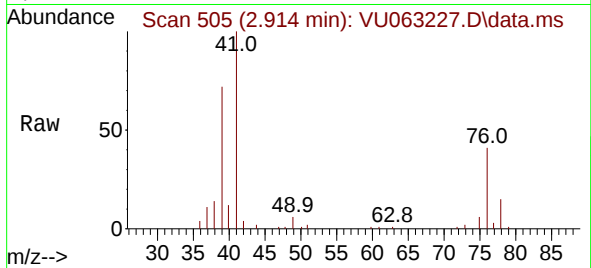




#11
 Allyl Chloride
 Concen: 2.035 ug/l
 RT: 2.914 min Scan# 504
 Delta R.T. 0.003 min
 Lab File: VU063227.D
 Acq: 10 Feb 2025 18:49

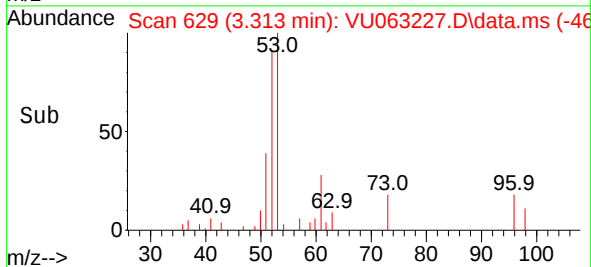
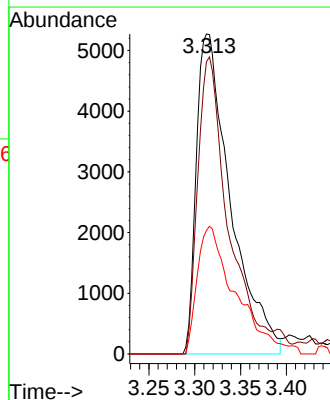
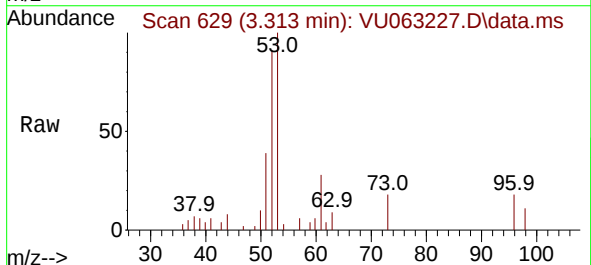
Instrument :
 MSVOA_U
 ClientSampleId :

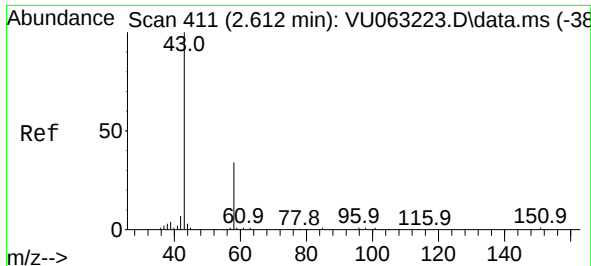
Tgt Ion: 41 Resp: 41580
 Ion Ratio Lower Upper
 41 100
 39 70.2 57.9 86.9



#12
 Acrylonitrile
 Concen: 4.165 ug/l
 RT: 3.313 min Scan# 629
 Delta R.T. 0.013 min
 Lab File: VU063227.D
 Acq: 10 Feb 2025 18:49

Tgt Ion: 53 Resp: 13665
 Ion Ratio Lower Upper
 53 100
 52 82.3 64.2 96.2
 51 44.7 30.8 46.2





#13

Acetone

Concen: 10.407 ug/l

RT: 2.615 min Scan# 411

Delta R.T. 0.003 min

Lab File: VU063227.D

Acq: 10 Feb 2025 18:49

Instrument :

MSVOA_U

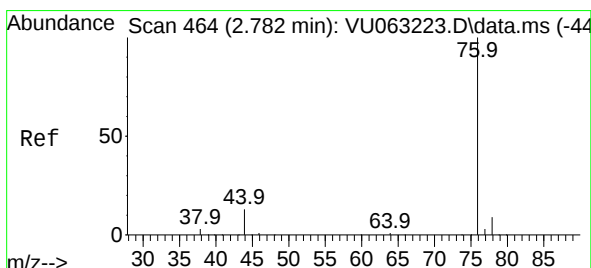
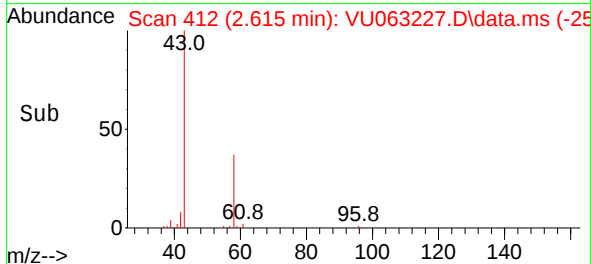
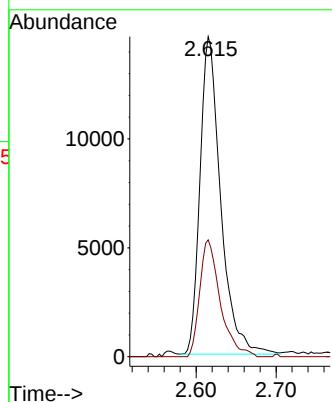
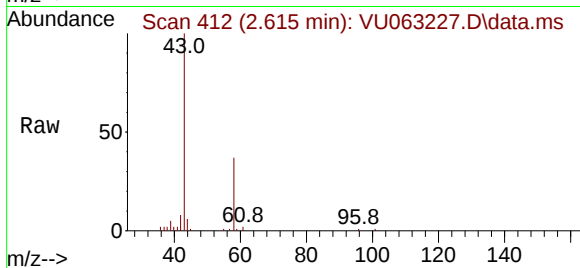
ClientSampleId :

Tgt Ion: 43 Resp: 26254

Ion Ratio Lower Upper

43 100

58 36.8 27.4 41.0



#14

Carbon Disulfide

Concen: 1.984 ug/l

RT: 2.782 min Scan# 464

Delta R.T. 0.000 min

Lab File: VU063227.D

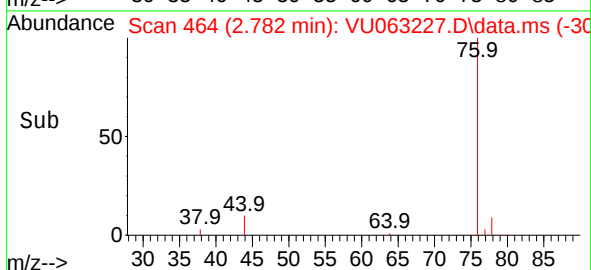
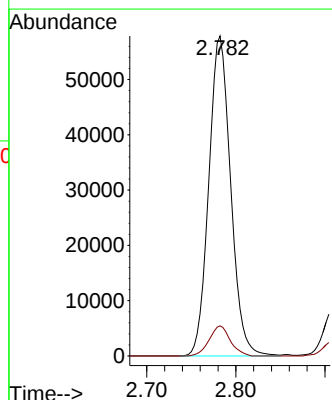
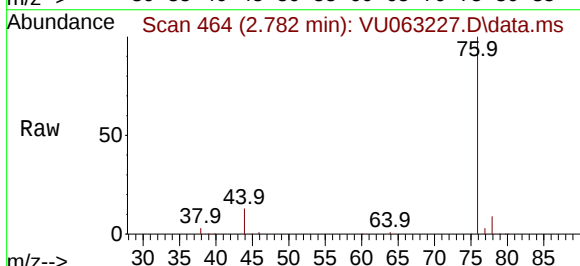
Acq: 10 Feb 2025 18:49

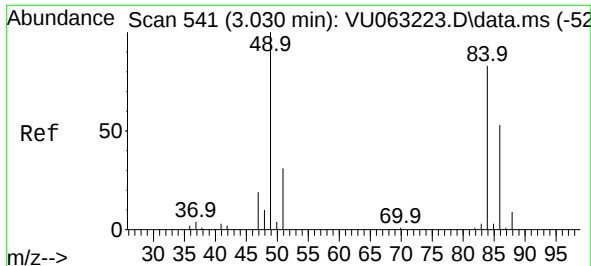
Tgt Ion: 76 Resp: 98664

Ion Ratio Lower Upper

76 100

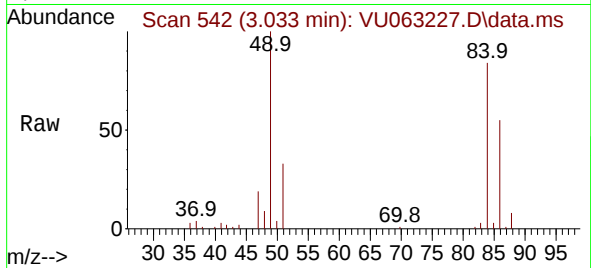
78 9.4 7.2 10.8



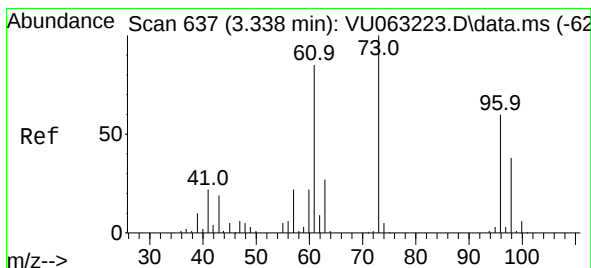
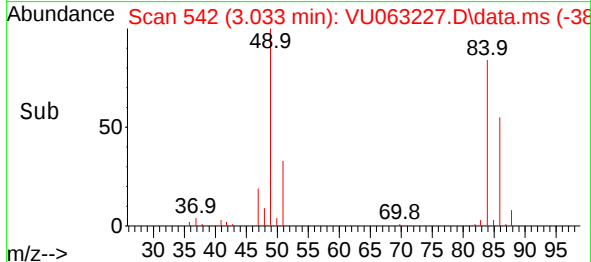
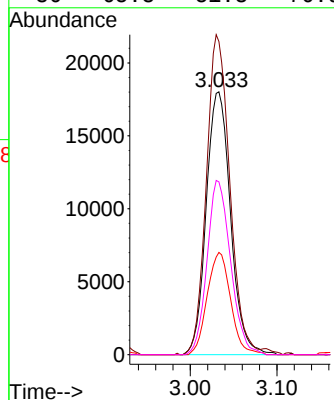


#15
Methylene Chloride
Concen: 2.005 ug/l
RT: 3.033 min Scan# 541
Delta R.T. 0.003 min
Lab File: VU063227.D
Acq: 10 Feb 2025 18:49

Instrument :
MSVOA_U
ClientSampleId :

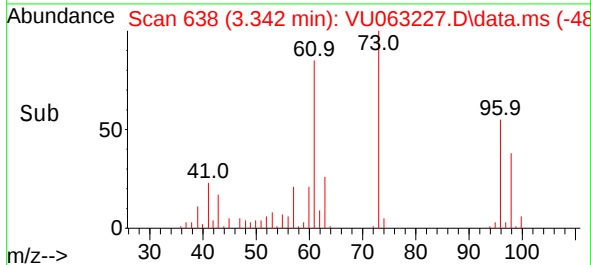
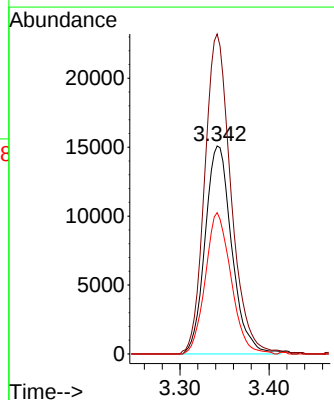
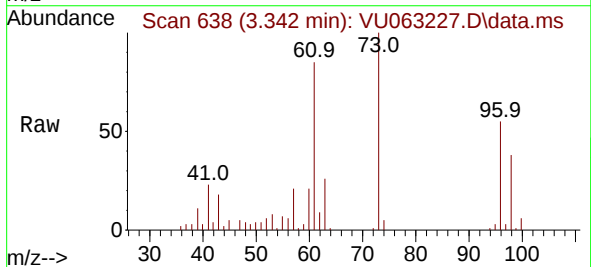


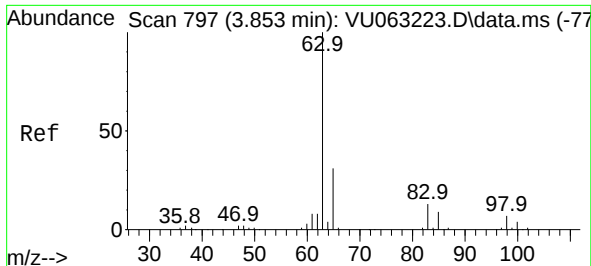
Tgt Ion: 84	Resp: 35231
Ion Ratio	Lower Upper
84 100	
49 119.1	96.4 144.6
51 38.9	0.0 74.8
86 65.8	51.3 76.9



#16
trans-1,2-Dichloroethene
Concen: 1.934 ug/l
RT: 3.342 min Scan# 638
Delta R.T. 0.003 min
Lab File: VU063227.D
Acq: 10 Feb 2025 18:49

Tgt Ion: 96	Resp: 31400
Ion Ratio	Lower Upper
96 100	
61 153.9	113.4 170.2
98 67.9	51.2 76.8

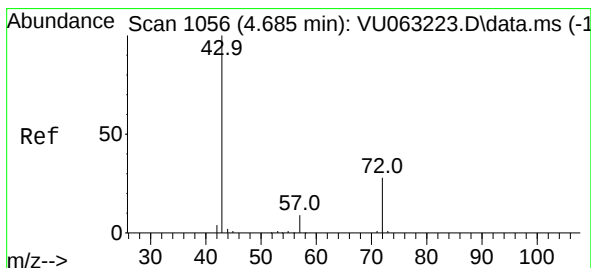
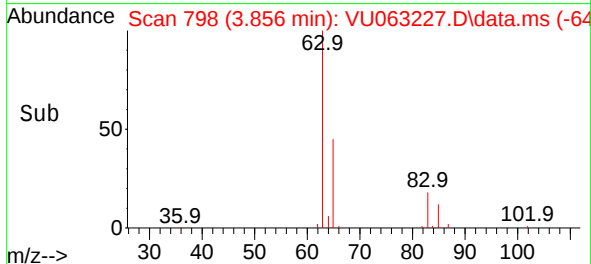
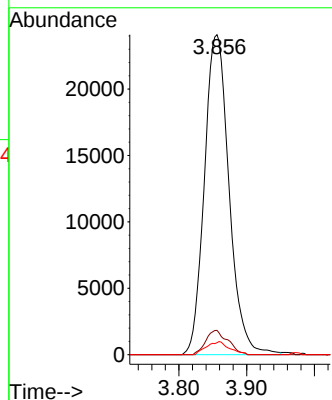
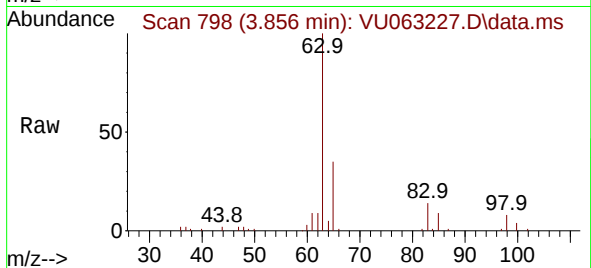




#17
1,1-Dichloroethane
Concen: 1.989 ug/l
RT: 3.856 min Scan# 797
Delta R.T. 0.003 min
Lab File: VU063227.D
Acq: 10 Feb 2025 18:49

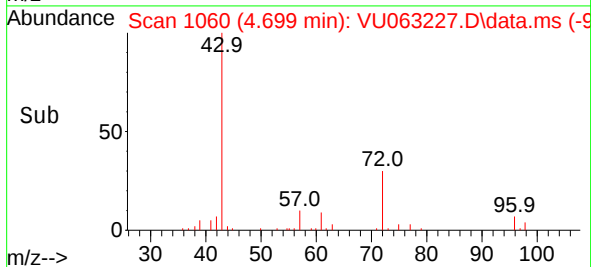
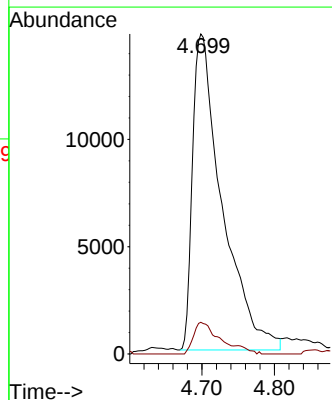
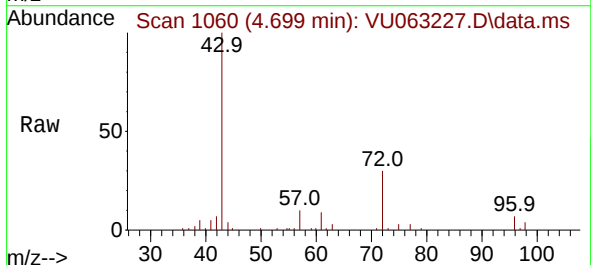
Instrument :
MSVOA_U
ClientSampleId :

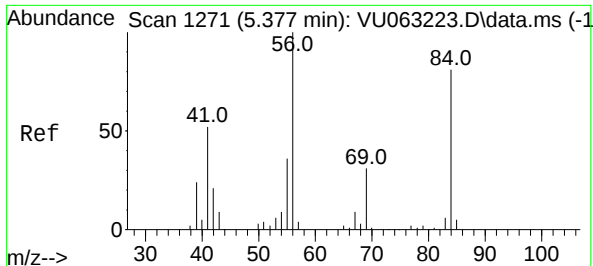
Tgt Ion: 63 Resp: 60868
Ion Ratio Lower Upper
63 100
98 7.6 3.3 9.9
100 3.7 2.1 6.2



#18
2-Butanone
Concen: 10.395 ug/l
RT: 4.699 min Scan# 1060
Delta R.T. 0.013 min
Lab File: VU063227.D
Acq: 10 Feb 2025 18:49

Tgt Ion: 43 Resp: 41734
Ion Ratio Lower Upper
43 100
57 10.0 0.0 17.0





#19

Cyclohexane

Concen: 1.788 ug/l

RT: 5.374 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU063227.D

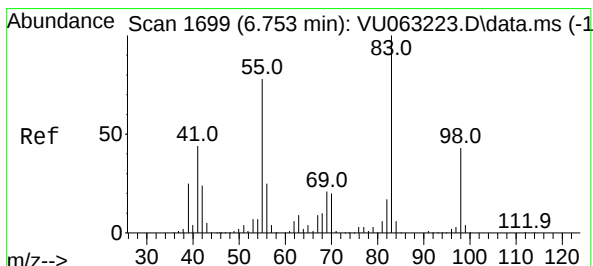
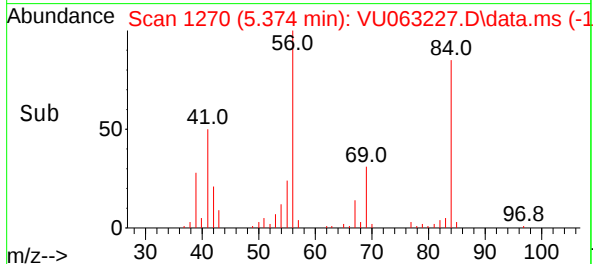
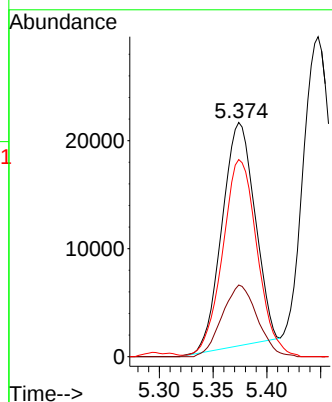
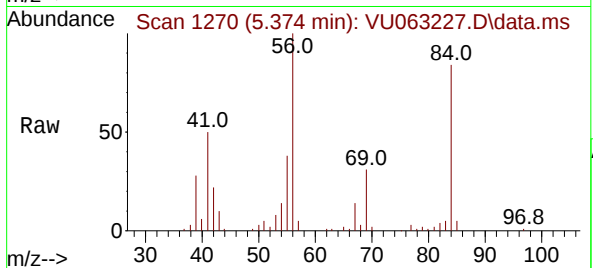
Acq: 10 Feb 2025 18:49

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	56	Resp:	43962
Ion	Ratio	Lower	Upper
56	100		
69	34.3	24.5	36.7
84	92.3	65.2	97.8



#20

Methylcyclohexane

Concen: 2.006 ug/l

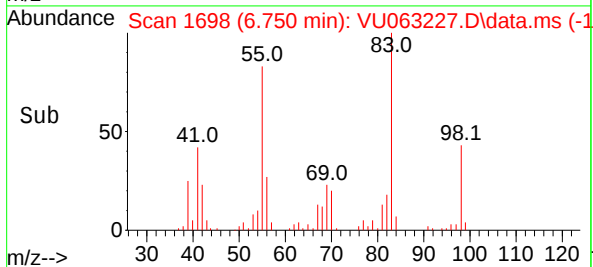
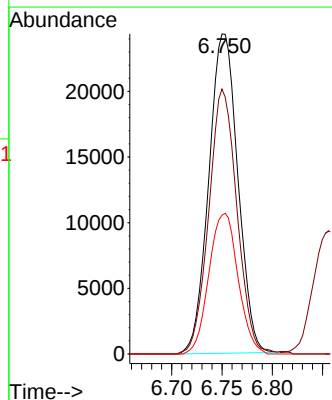
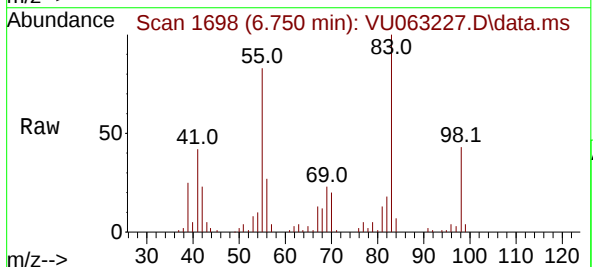
RT: 6.750 min Scan# 1698

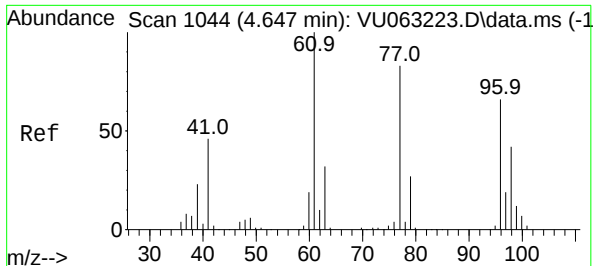
Delta R.T. -0.003 min

Lab File: VU063227.D

Acq: 10 Feb 2025 18:49

Tgt Ion:	83	Resp:	48911
Ion	Ratio	Lower	Upper
83	100		
55	79.5	63.1	94.7
98	44.1	35.2	52.8

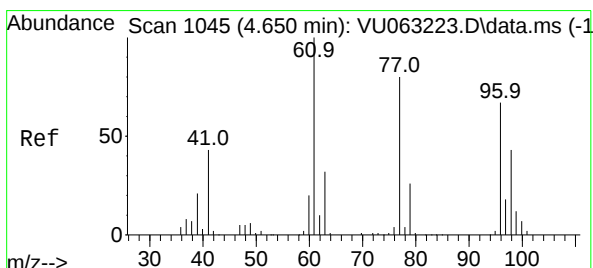
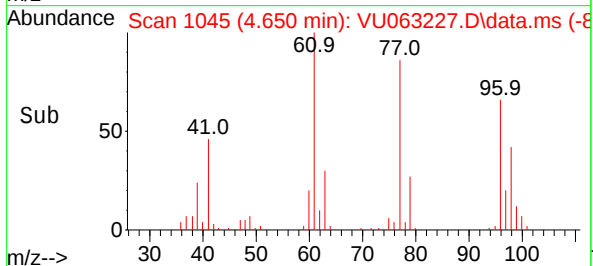
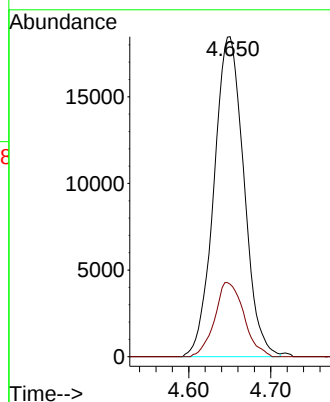
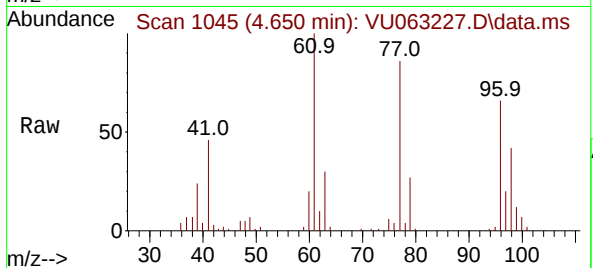




#21
2,2-Dichloropropane
Concen: 1.966 ug/l
RT: 4.650 min Scan# 1045
Delta R.T. 0.003 min
Lab File: VU063227.D
Acq: 10 Feb 2025 18:49

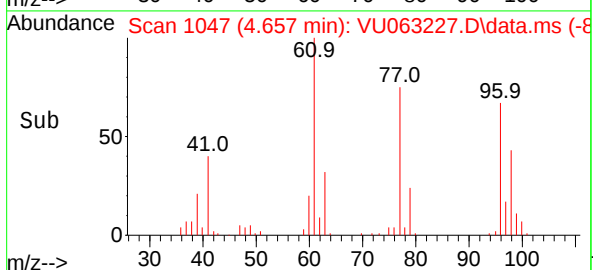
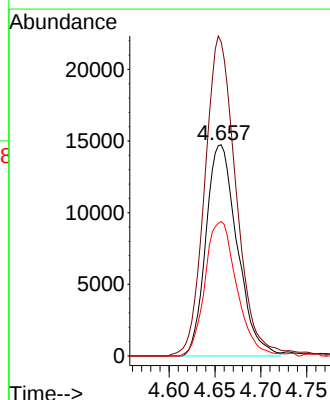
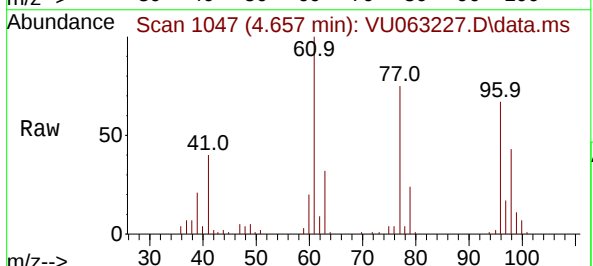
Instrument :
MSVOA_U
ClientSampleId :

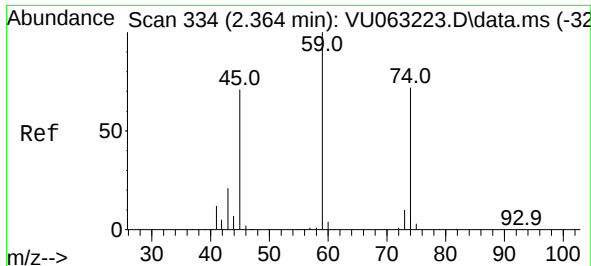
Tgt Ion: 77 Resp: 46933
Ion Ratio Lower Upper
77 100
97 22.6 18.5 27.7



#22
cis-1,2-Dichloroethene
Concen: 1.997 ug/l
RT: 4.657 min Scan# 1047
Delta R.T. 0.007 min
Lab File: VU063227.D
Acq: 10 Feb 2025 18:49

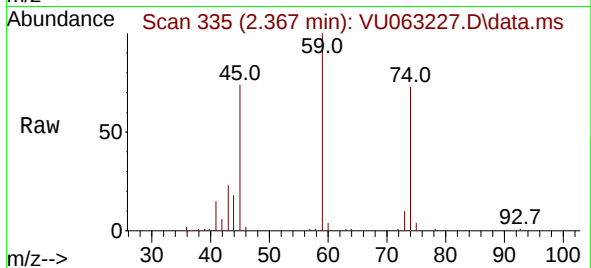
Tgt Ion: 96 Resp: 35021
Ion Ratio Lower Upper
96 100
61 151.2 0.0 373.3
98 64.5 31.9 95.9



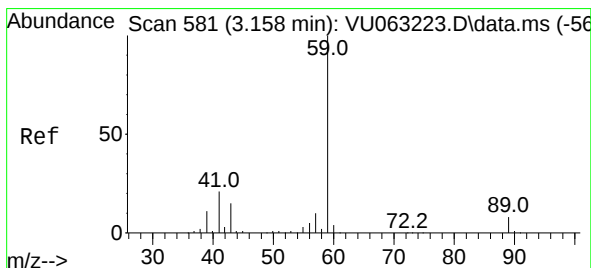
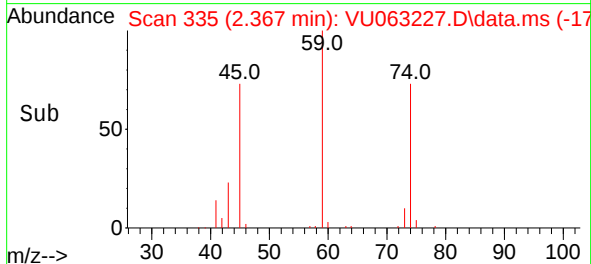
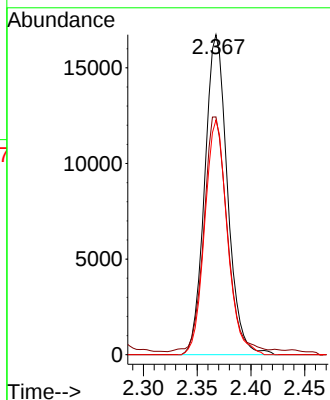


#23
Diethyl Ether
Concen: 2.018 ug/l
RT: 2.367 min Scan# 341
Delta R.T. 0.003 min
Lab File: VU063227.D
Acq: 10 Feb 2025 18:49

Instrument :
MSVOA_U
ClientSampleId :

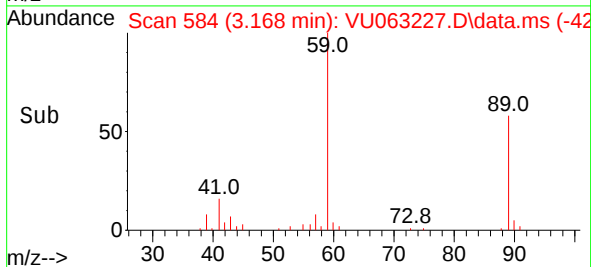
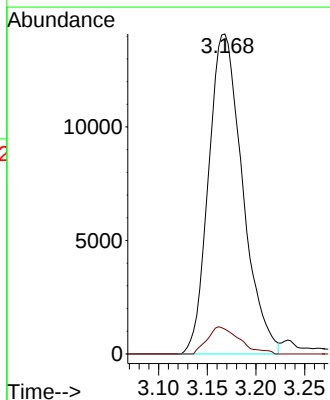
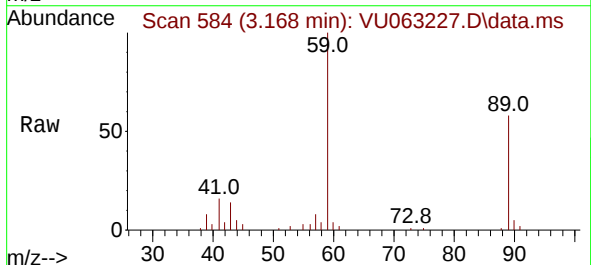


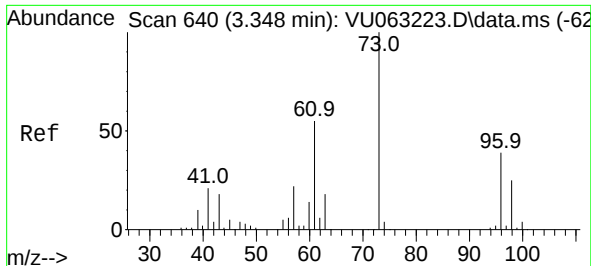
Tgt Ion: 59 Resp: 24634
Ion Ratio Lower Upper
59 100
45 74.9 57.8 86.6
74 72.9 57.7 86.5



#24
tert-Butyl Alcohol
Concen: 22.368 ug/l
RT: 3.168 min Scan# 584
Delta R.T. 0.010 min
Lab File: VU063227.D
Acq: 10 Feb 2025 18:49

Tgt Ion: 59 Resp: 34185
Ion Ratio Lower Upper
59 100
57 8.0 7.5 11.3





#25

Methyl tert-Butyl Ether

Concen: 2.074 ug/l

RT: 3.348 min Scan# 640

Delta R.T. 0.000 min

Lab File: VU063227.D

Acq: 10 Feb 2025 18:49

Instrument :

MSVOA_U

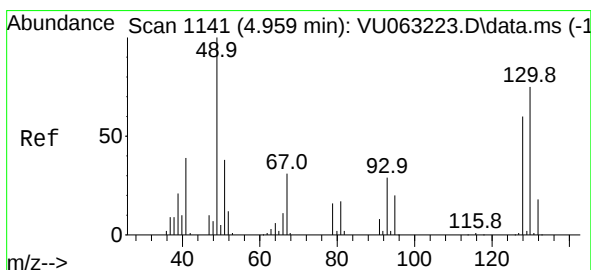
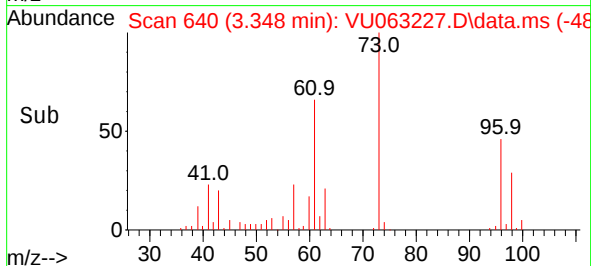
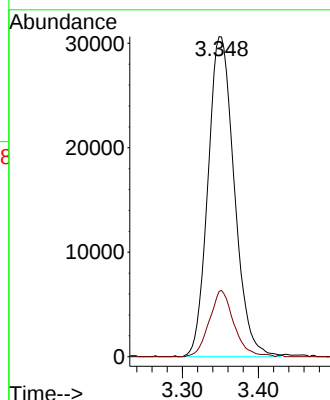
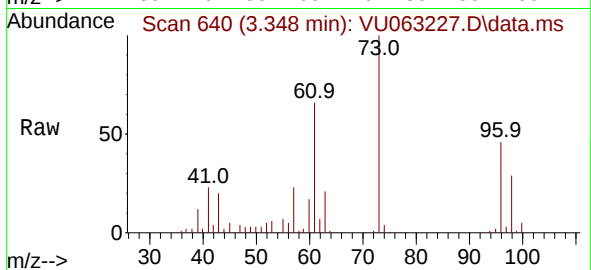
ClientSampleId :

Tgt Ion: 73 Resp: 73688

Ion Ratio Lower Upper

73 100

43 19.4 14.9 22.3



#26

Bromochloromethane

Concen: 1.987 ug/l

RT: 4.962 min Scan# 1142

Delta R.T. 0.003 min

Lab File: VU063227.D

Acq: 10 Feb 2025 18:49

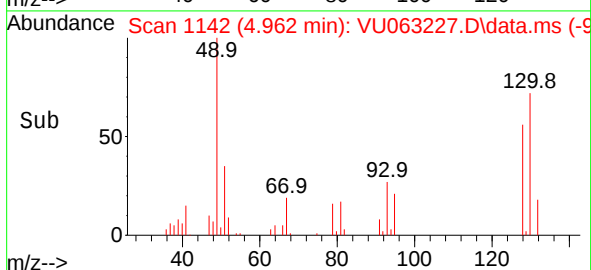
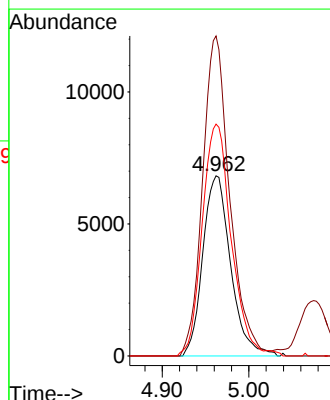
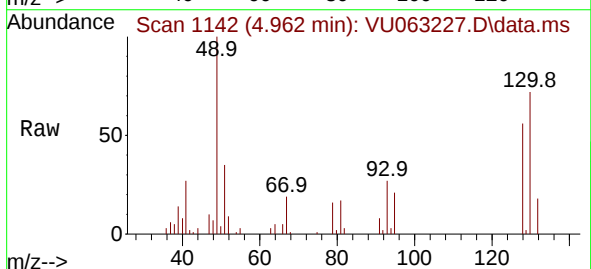
Tgt Ion: 128 Resp: 15231

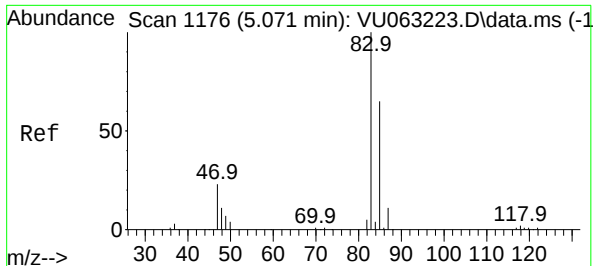
Ion Ratio Lower Upper

128 100

49 173.4 0.0 343.4

130 134.4 102.9 154.3





#27

Chloroform

Concen: 1.993 ug/l

RT: 5.075 min Scan# 1176

Delta R.T. 0.003 min

Lab File: VU063227.D

Acq: 10 Feb 2025 18:49

Instrument :

MSVOA_U

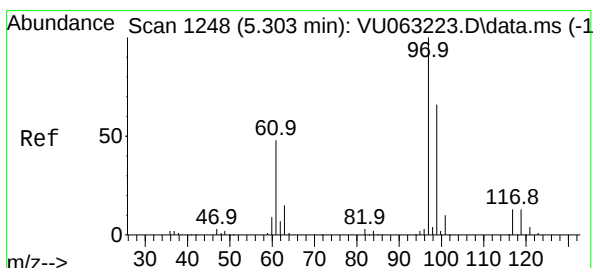
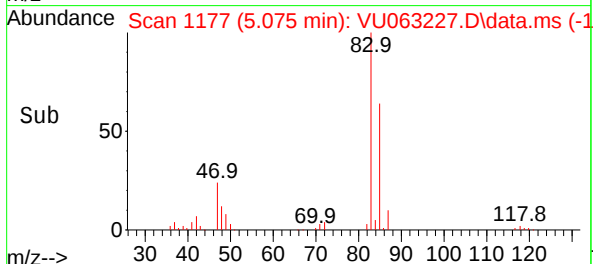
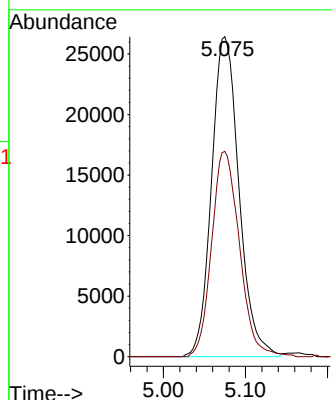
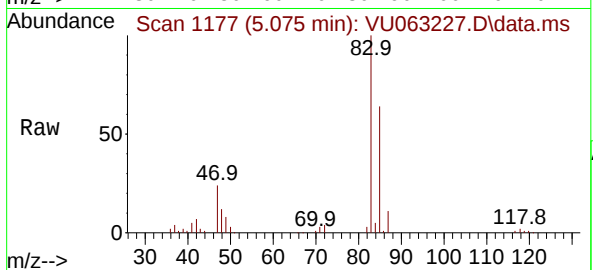
ClientSampleId :

Tgt Ion: 83 Resp: 61553

Ion Ratio Lower Upper

83 100

85 64.1 0.0 129.8



#28

1,1,1-Trichloroethane

Concen: 1.958 ug/l

RT: 5.303 min Scan# 1248

Delta R.T. 0.000 min

Lab File: VU063227.D

Acq: 10 Feb 2025 18:49

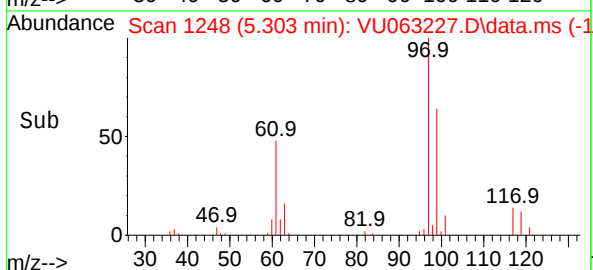
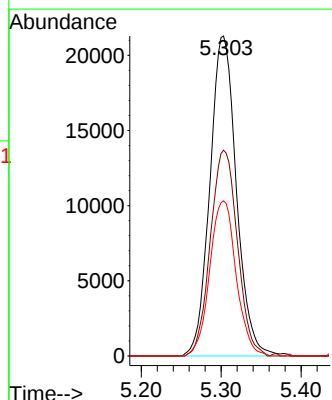
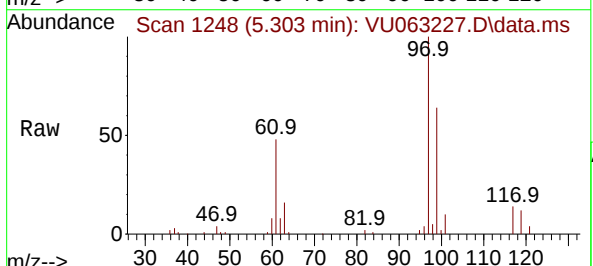
Tgt Ion: 97 Resp: 48983

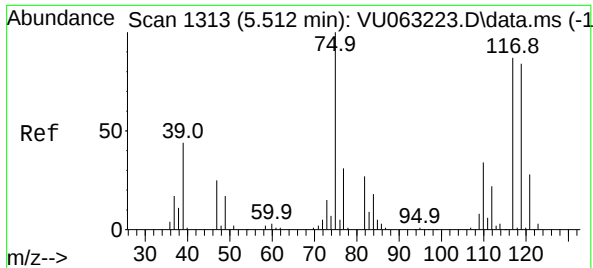
Ion Ratio Lower Upper

97 100

99 65.6 32.4 97.0

61 48.3 23.8 71.2

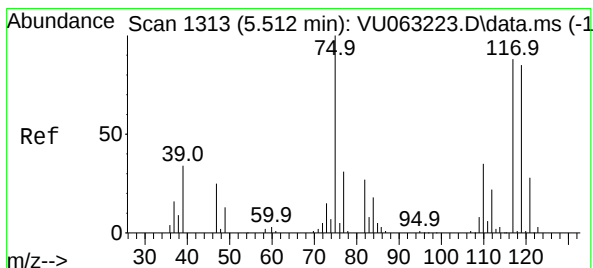
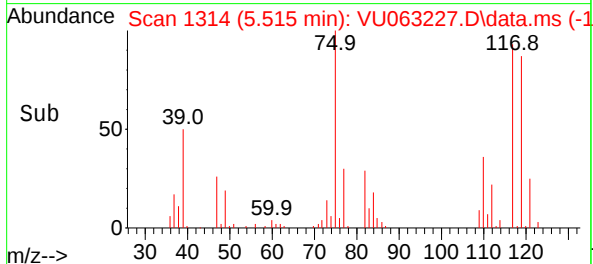
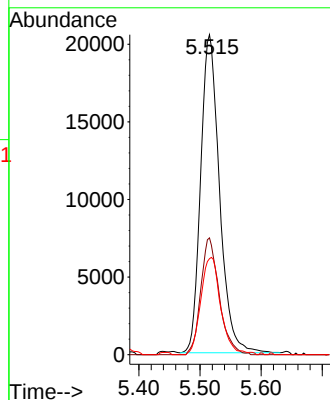
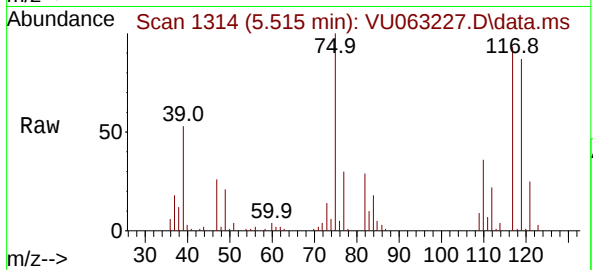




#29
1,1-Dichloropropene
Concen: 1.960 ug/l
RT: 5.515 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU063227.D
Acq: 10 Feb 2025 18:49

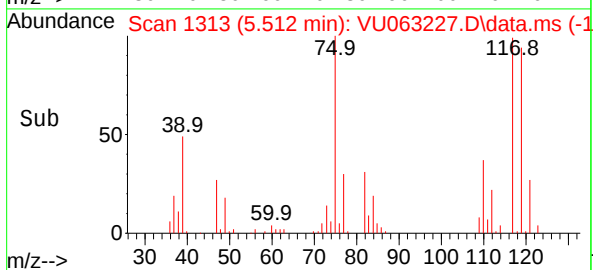
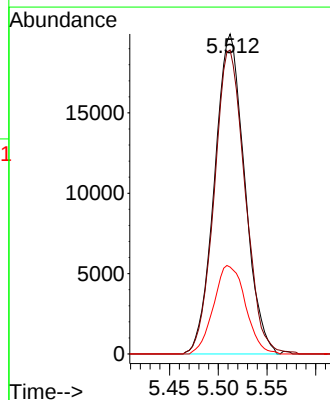
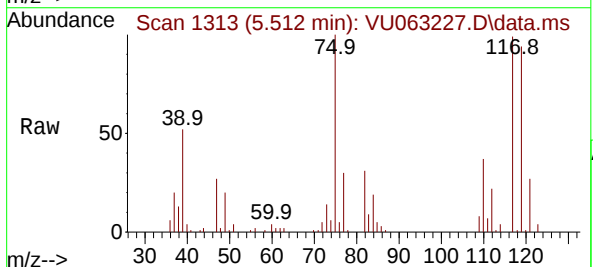
Instrument :
MSVOA_U
ClientSampleId :

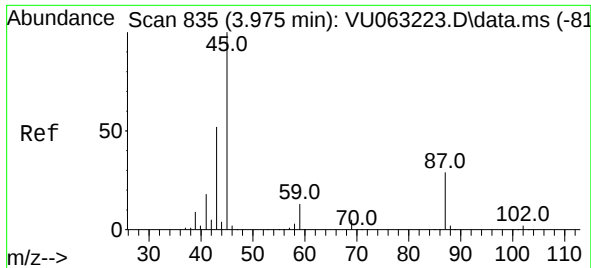
Tgt Ion: 75 Resp: 43919
Ion Ratio Lower Upper
75 100
110 35.9 17.2 51.5
77 32.3 24.6 37.0



#30
Carbon Tetrachloride
Concen: 1.995 ug/l
RT: 5.512 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VU063227.D
Acq: 10 Feb 2025 18:49

Tgt Ion:117 Resp: 42805
Ion Ratio Lower Upper
117 100
119 95.0 76.7 115.1
121 27.2 25.5 38.3

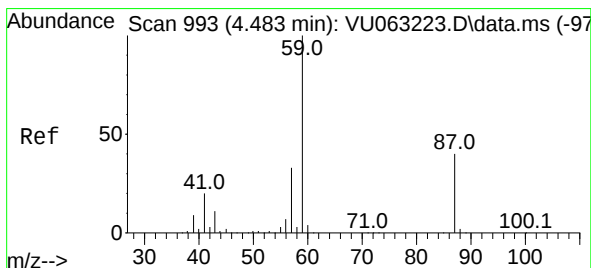
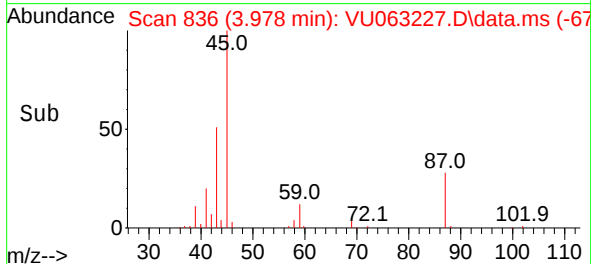
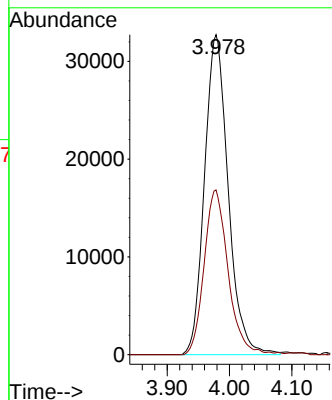
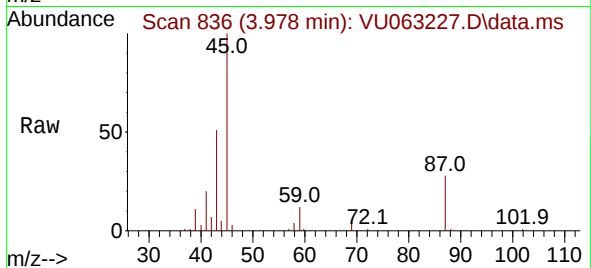




#31
Isopropyl Ether
Concen: 1.978 ug/l
RT: 3.978 min Scan# 835
Delta R.T. 0.003 min
Lab File: VU063227.D
Acq: 10 Feb 2025 18:49

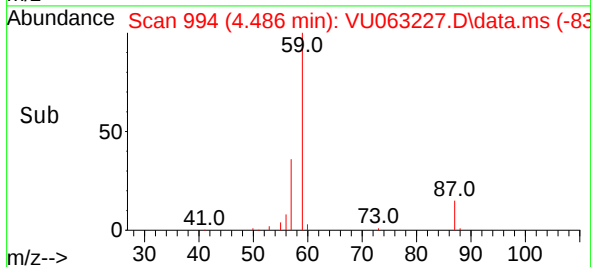
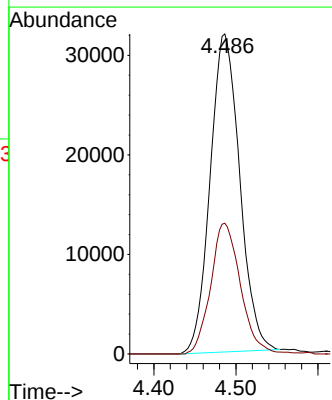
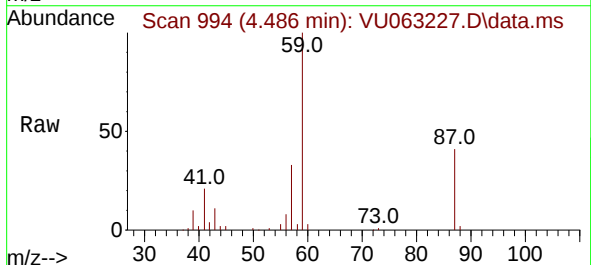
Instrument :
MSVOA_U
ClientSampleId :

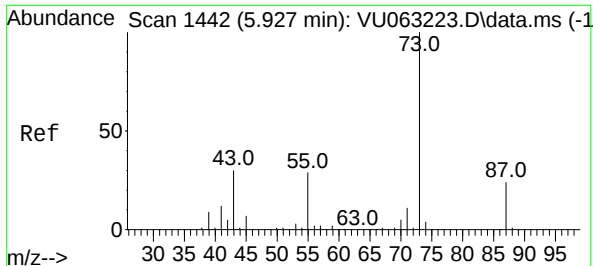
Tgt Ion: 45 Resp: 86413
Ion Ratio Lower Upper
45 100
43 51.9 25.7 77.1



#32
Ethyl-t-butyl ether
Concen: 2.014 ug/l
RT: 4.486 min Scan# 994
Delta R.T. 0.003 min
Lab File: VU063227.D
Acq: 10 Feb 2025 18:49

Tgt Ion: 59 Resp: 80027
Ion Ratio Lower Upper
59 100
87 41.0 32.6 49.0





#33

Tert-Amyl methyl ether

Concen: 2.078 ug/l

RT: 5.927 min Scan# 1442

Delta R.T. 0.000 min

Lab File: VU063227.D

Acq: 10 Feb 2025 18:49

Instrument :

MSVOA_U

ClientSampleId :

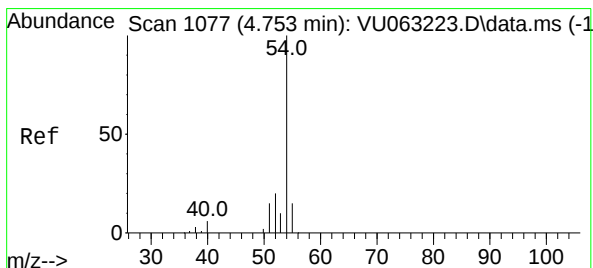
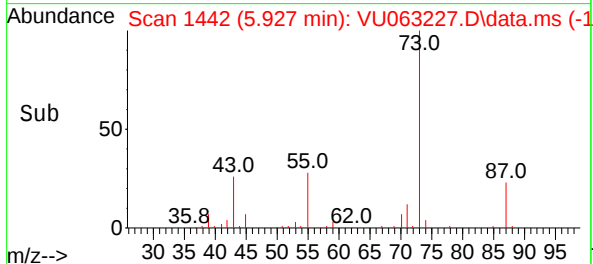
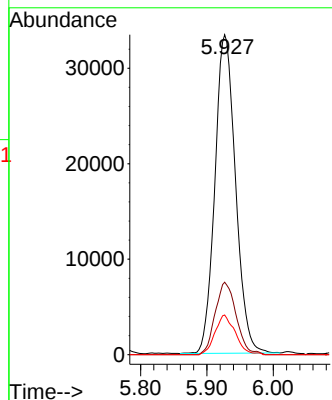
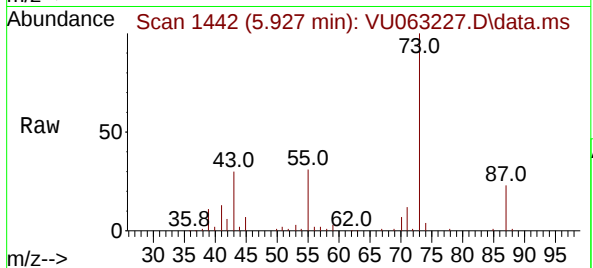
Tgt Ion: 73 Resp: 72116

Ion Ratio Lower Upper

73 100

87 23.1 18.9 28.3

71 11.5 9.0 13.4



#34

Propionitrile

Concen: 11.547 ug/l

RT: 4.769 min Scan# 1082

Delta R.T. 0.016 min

Lab File: VU063227.D

Acq: 10 Feb 2025 18:49

Tgt Ion: 54 Resp: 13982

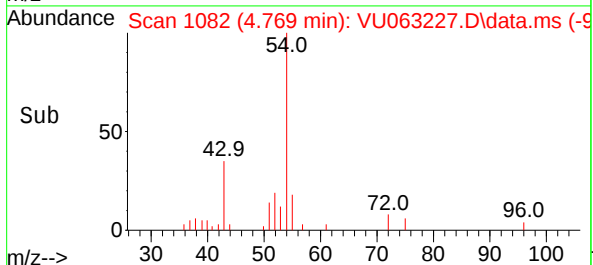
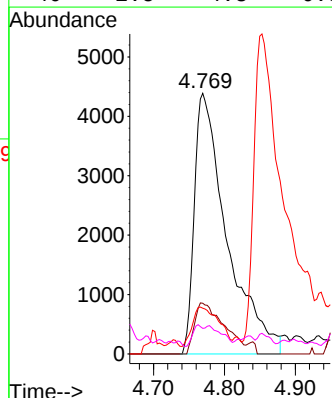
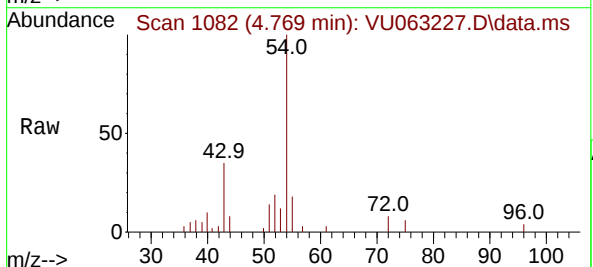
Ion Ratio Lower Upper

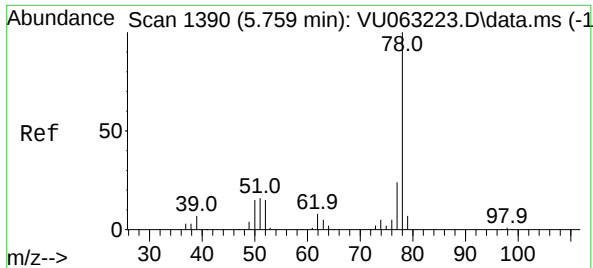
54 100

52 17.8 16.3 24.5

55 12.2 11.8 17.6

40 2.5 4.3 6.5#





#35

Benzene

Concen: 1.997 ug/l

RT: 5.763 min Scan# 1390

Delta R.T. 0.003 min

Lab File: VU063227.D

Acq: 10 Feb 2025 18:49

Instrument :

MSVOA_U

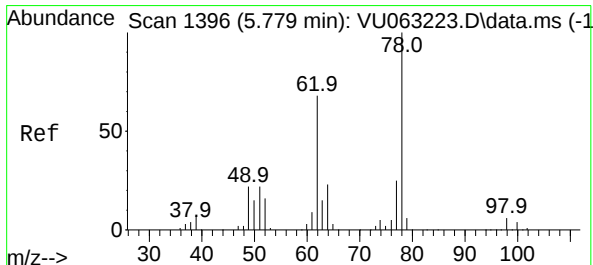
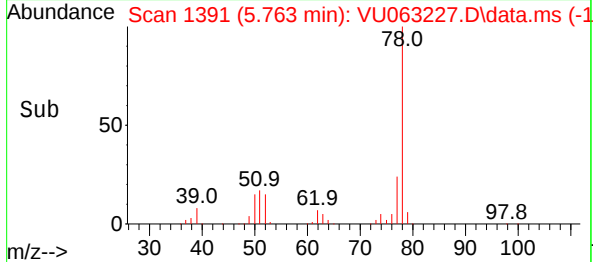
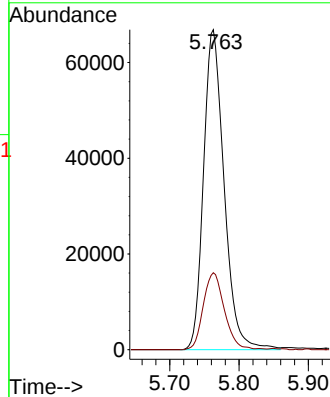
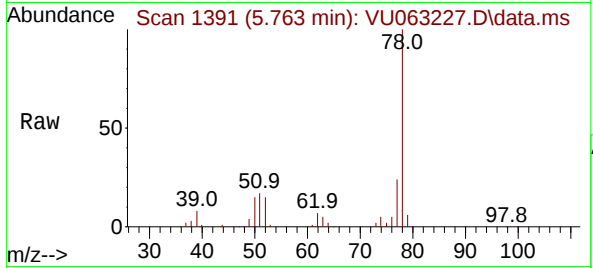
ClientSampleId :

Tgt Ion: 78 Resp: 137602

Ion Ratio Lower Upper

78 100

77 24.1 19.0 28.4



#36

1,2-Dichloroethane

Concen: 2.038 ug/l

RT: 5.782 min Scan# 1397

Delta R.T. 0.003 min

Lab File: VU063227.D

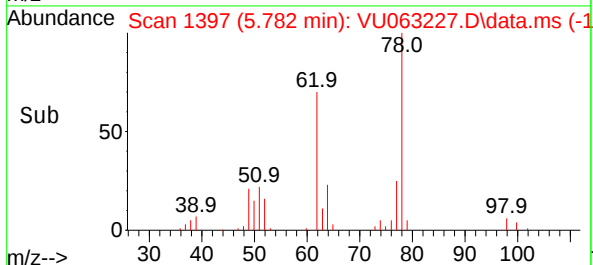
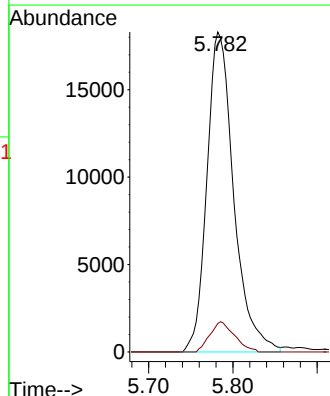
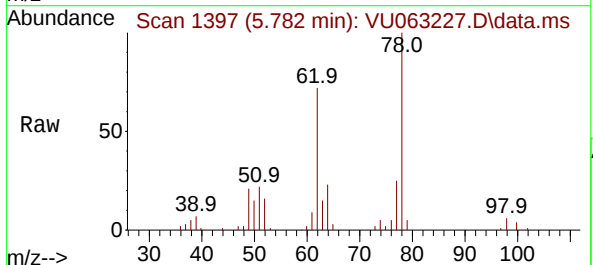
Acq: 10 Feb 2025 18:49

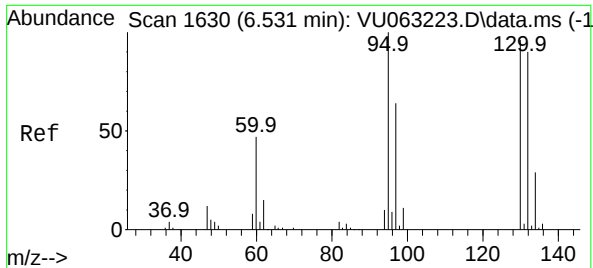
Tgt Ion: 62 Resp: 40527

Ion Ratio Lower Upper

62 100

98 8.7 6.9 10.3

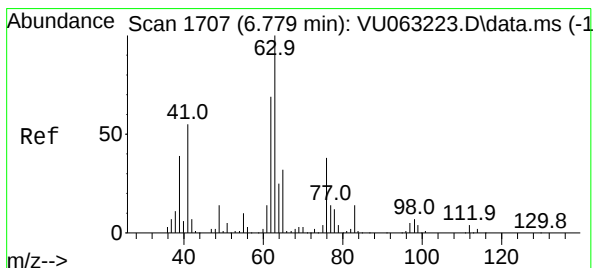
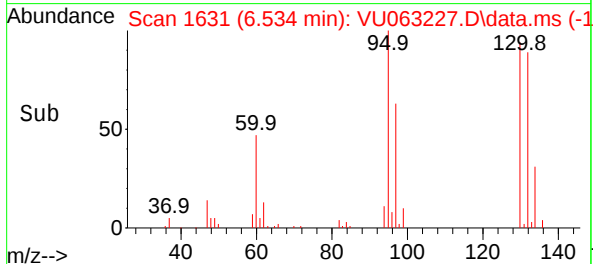
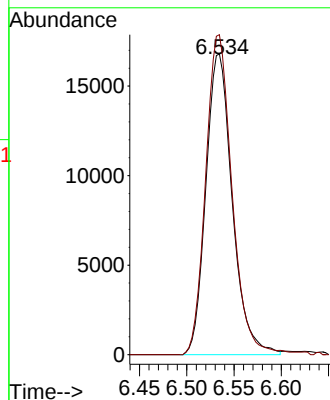
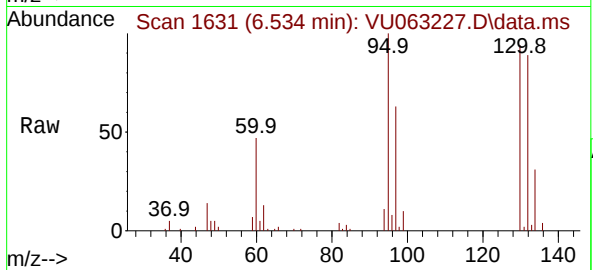




#37
Trichloroethene
Concen: 1.995 ug/l
RT: 6.534 min Scan# 1631
Delta R.T. 0.003 min
Lab File: VU063227.D
Acq: 10 Feb 2025 18:49

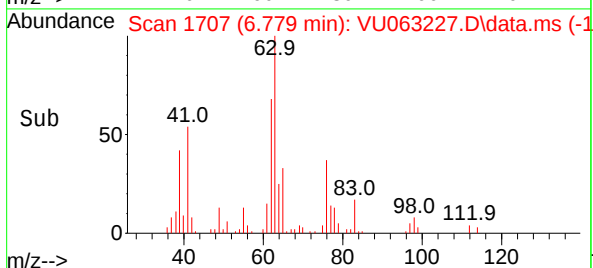
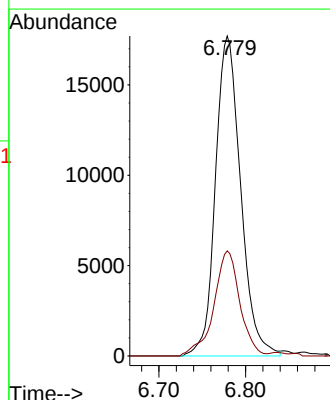
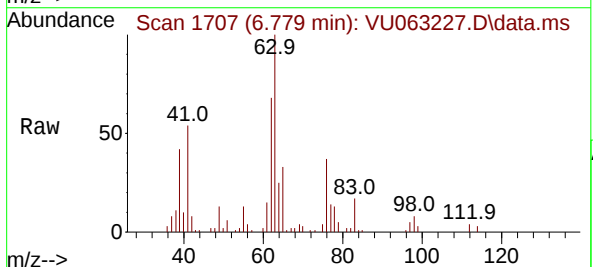
Instrument :
MSVOA_U
ClientSampleId :

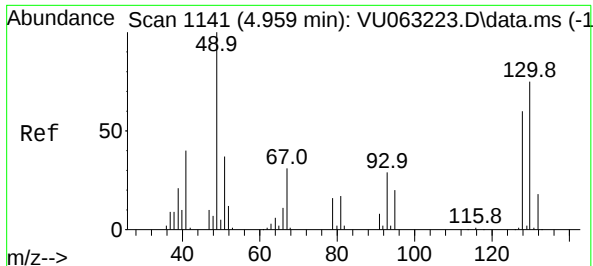
Tgt Ion:130 Resp: 32676
Ion Ratio Lower Upper
130 100
95 106.4 83.2 124.8



#38
1,2-Dichloropropane
Concen: 1.987 ug/l
RT: 6.779 min Scan# 1707
Delta R.T. 0.000 min
Lab File: VU063227.D
Acq: 10 Feb 2025 18:49

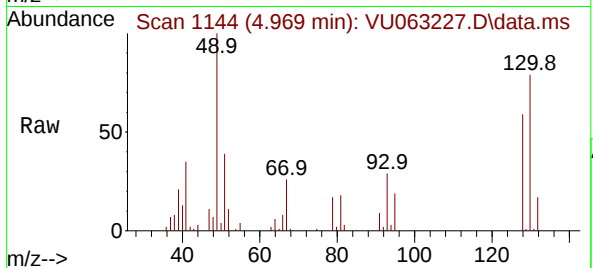
Tgt Ion: 63 Resp: 35822
Ion Ratio Lower Upper
63 100
65 32.9 25.3 37.9



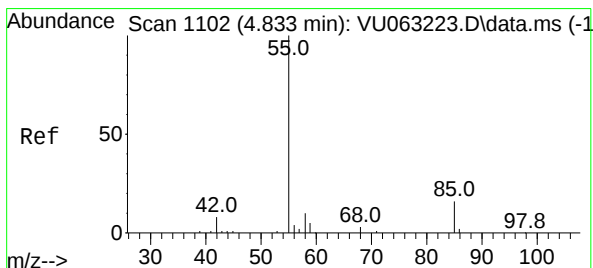
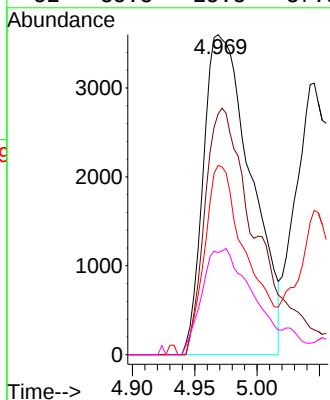
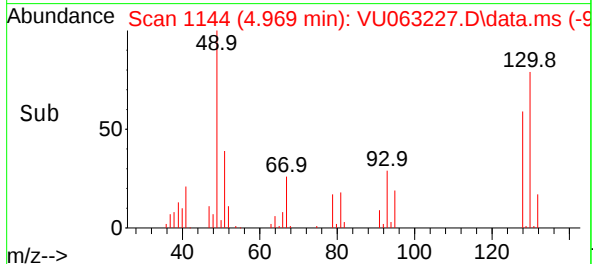


#39
Methacrylonitrile
Concen: 2.126 ug/l
RT: 4.969 min Scan# 1141
Delta R.T. 0.010 min
Lab File: VU063227.D
Acq: 10 Feb 2025 18:49

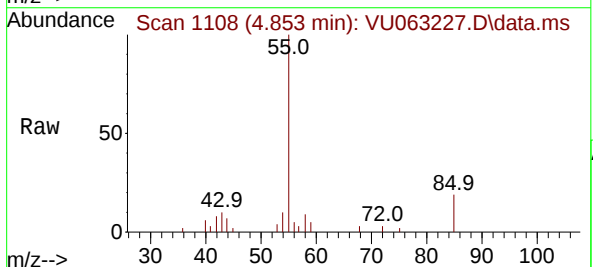
Instrument :
MSVOA_U
ClientSampleId :



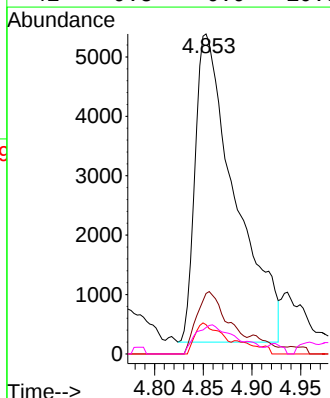
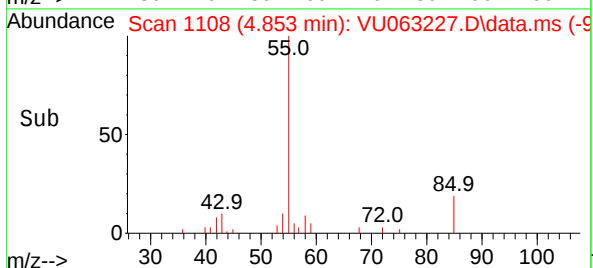
Tgt Ion: 41	Resp: 9593
Ion Ratio	Lower Upper
41 100	
67 84.2	64.5 96.7
39 53.5	43.0 64.6
52 35.3	25.3 37.9

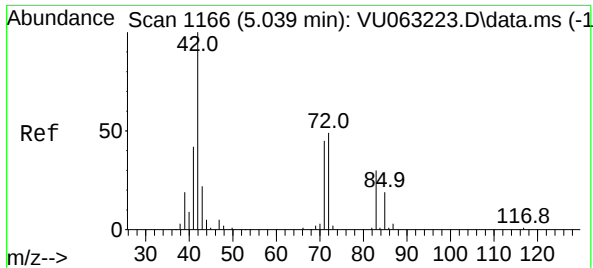


#40
Methyl acrylate
Concen: 1.771 ug/l
RT: 4.853 min Scan# 1108
Delta R.T. 0.019 min
Lab File: VU063227.D
Acq: 10 Feb 2025 18:49



Tgt	Ion: 55	Resp:	14733
Ion	Ratio	Lower	Upper
55	100		
85	15.9	13.3	19.9
58	6.5	7.3	10.9#
42	9.8	6.9	10.3





#41

Tetrahydrofuran

Concen: 4.320 ug/l

RT: 5.052 min Scan# 1166

Delta R.T. 0.013 min

Lab File: VU063227.D

Acq: 10 Feb 2025 18:49

Instrument :

MSVOA_U

ClientSampleId :

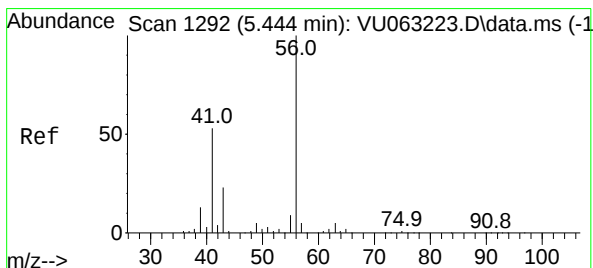
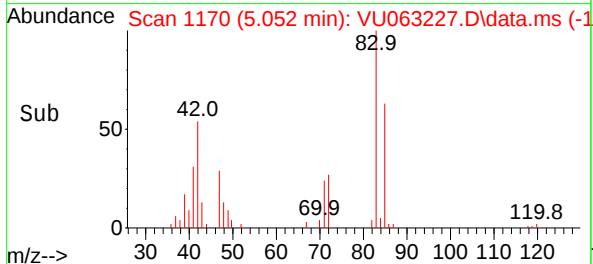
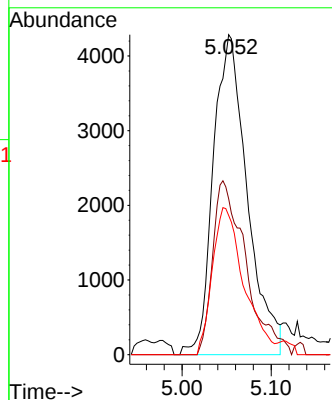
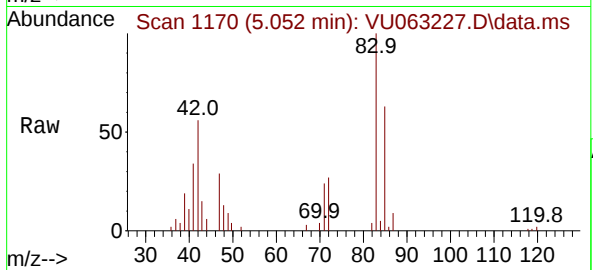
Tgt Ion: 42 Resp: 11338

Ion Ratio Lower Upper

42 100

72 53.2 41.5 62.3

71 42.7 37.2 55.8



#42

1-Chlorobutane

Concen: 1.998 ug/l

RT: 5.448 min Scan# 1293

Delta R.T. 0.003 min

Lab File: VU063227.D

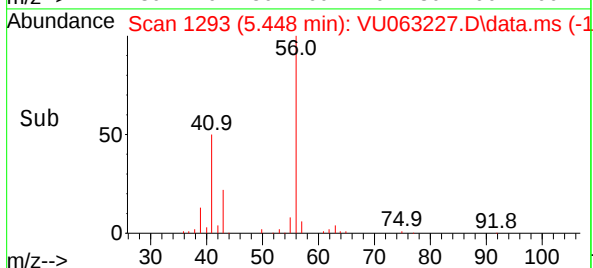
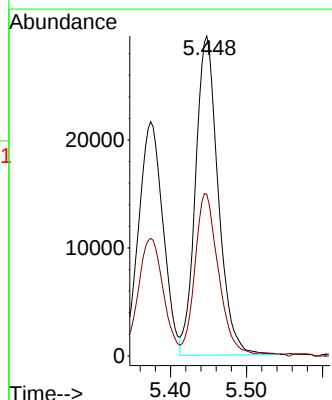
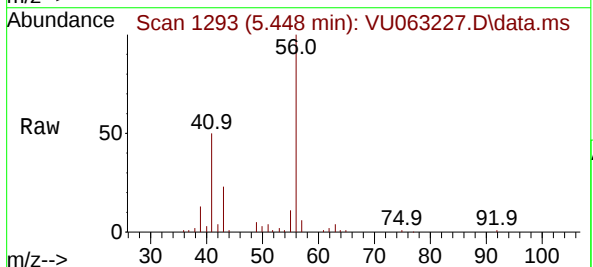
Acq: 10 Feb 2025 18:49

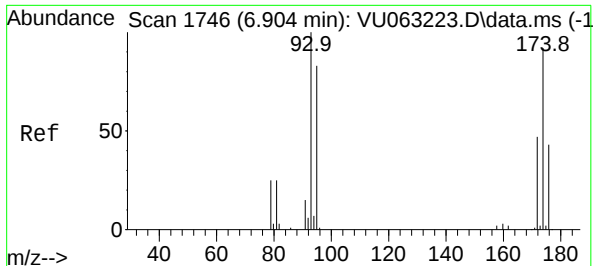
Tgt Ion: 56 Resp: 61252

Ion Ratio Lower Upper

56 100

41 53.1 26.3 78.8





#43

Dibromomethane

Concen: 2.100 ug/l

RT: 6.907 min Scan# 1

Delta R.T. 0.003 min

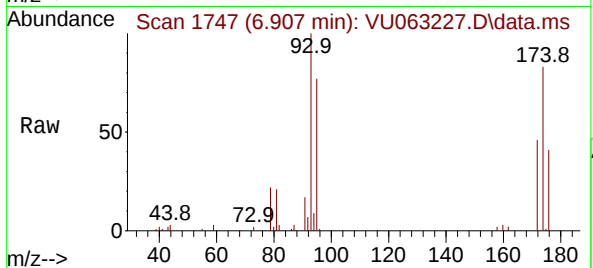
Lab File: VU063227.D

Acq: 10 Feb 2025 18:49

Instrument :

MSVOA_U

ClientSampleId :



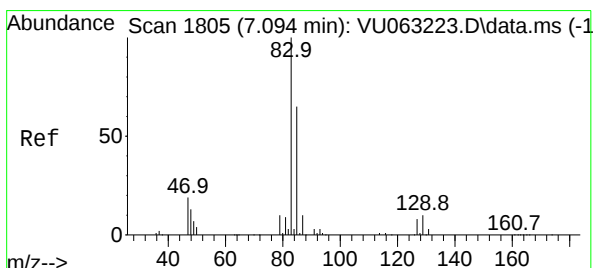
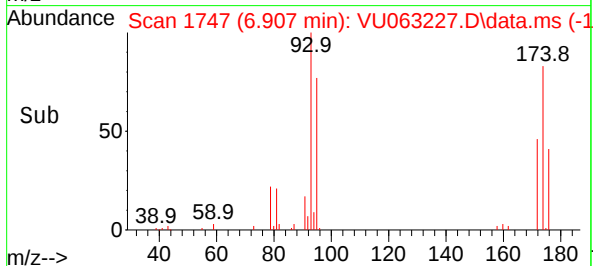
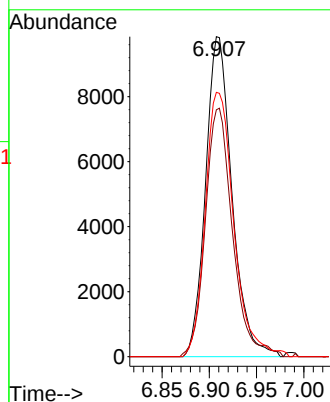
Tgt Ion: 93 Resp: 19174

Ion Ratio Lower Upper

93 100

95 79.8 67.2 100.8

174 89.3 75.7 113.5



#44

Bromodichloromethane

Concen: 2.036 ug/l

RT: 7.094 min Scan# 1805

Delta R.T. 0.000 min

Lab File: VU063227.D

Acq: 10 Feb 2025 18:49

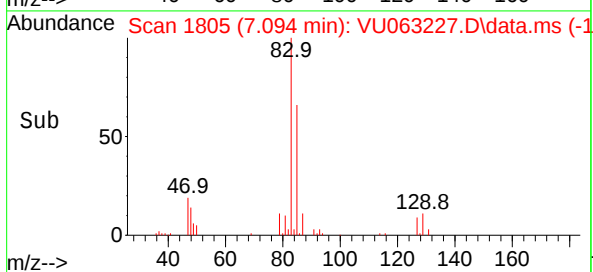
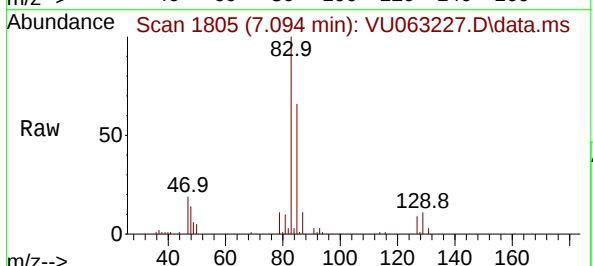
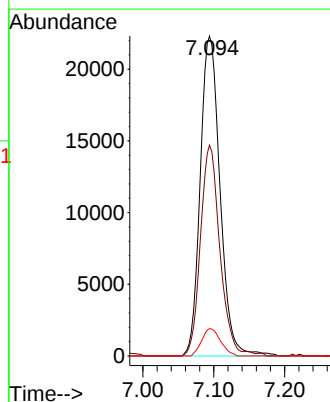
Tgt Ion: 83 Resp: 43266

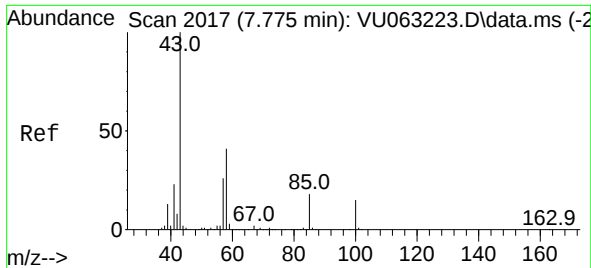
Ion Ratio Lower Upper

83 100

85 65.8 51.7 77.5

127 8.5 6.7 10.1





#45

4-Methyl-2-Pentanone

Concen: 10.918 ug/l

RT: 7.779 min Scan# 2017

Delta R.T. 0.003 min

Lab File: VU063227.D

Acq: 10 Feb 2025 18:49

Instrument :

MSVOA_U

ClientSampleId :

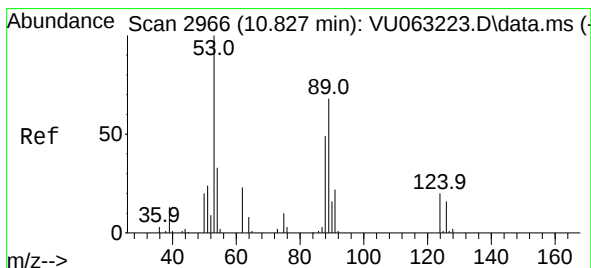
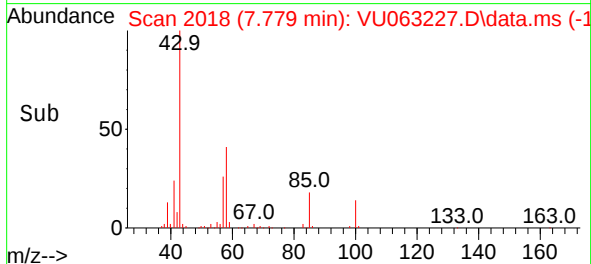
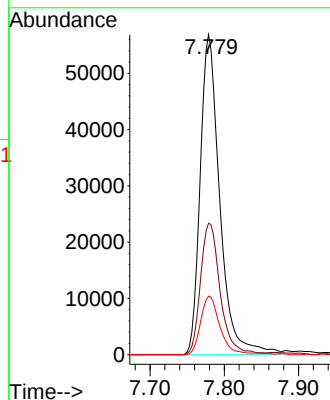
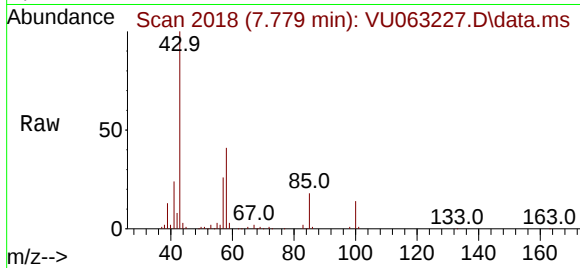
Tgt Ion: 43 Resp: 104506

Ion Ratio Lower Upper

43 100

58 41.2 20.8 62.5

85 18.2 14.8 22.2



#46

t-1,4-Dichloro-2-butene

Concen: 8.976 ug/l

RT: 10.811 min Scan# 2961

Delta R.T. -0.016 min

Lab File: VU063227.D

Acq: 10 Feb 2025 18:49

Tgt Ion: 75 Resp: 40389

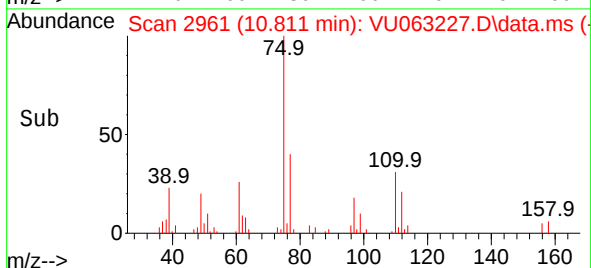
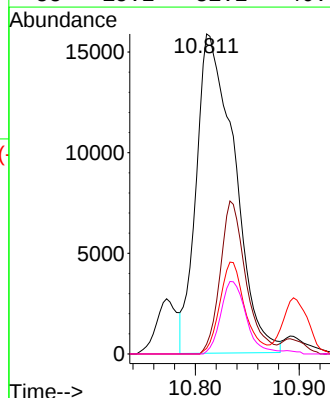
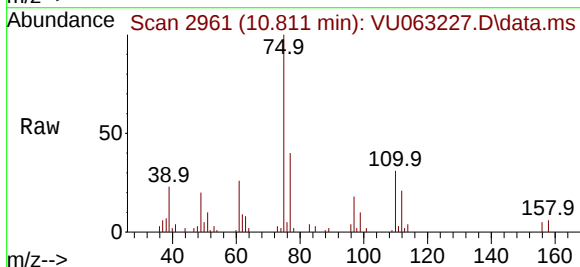
Ion Ratio Lower Upper

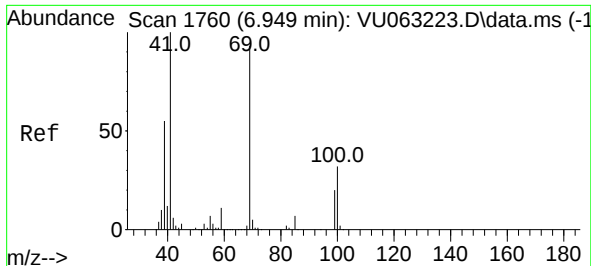
75 100

53 32.4 64.5 96.7#

89 19.0 43.4 65.2#

88 15.2 31.2 46.8#





#47

Methyl methacrylate

Concen: 4.309 ug/l

RT: 6.952 min Scan# 1

Delta R.T. 0.003 min

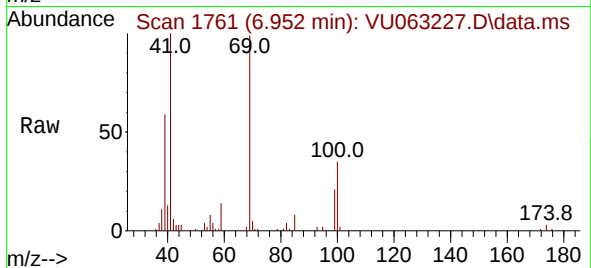
Lab File: VU063227.D

Acq: 10 Feb 2025 18:49

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 69 Resp: 33136

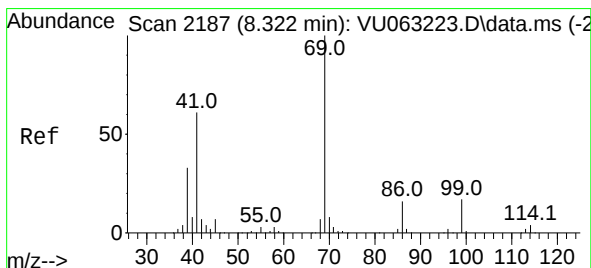
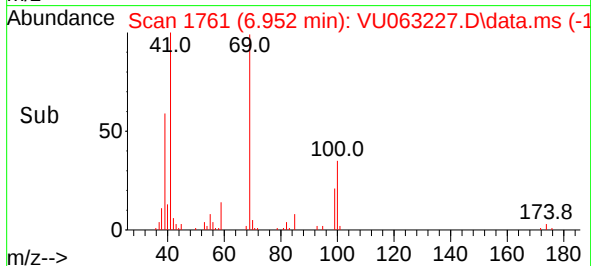
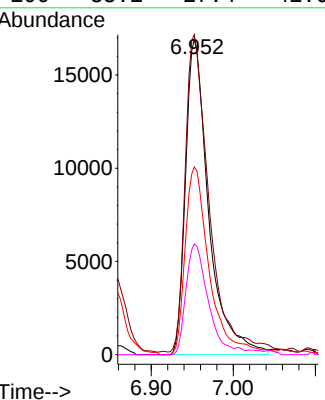
Ion Ratio Lower Upper

69 100

41 103.8 0.0 217.0

39 62.4 47.7 71.5

100 33.1 27.4 41.0



#48

Ethyl methacrylate

Concen: 2.073 ug/l

RT: 8.325 min Scan# 2188

Delta R.T. 0.003 min

Lab File: VU063227.D

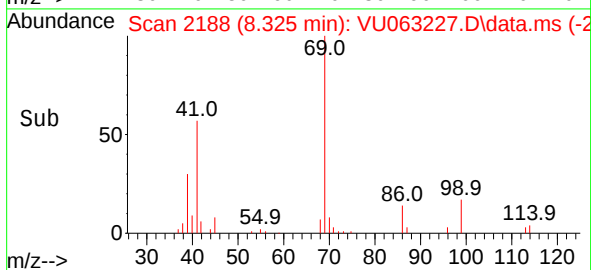
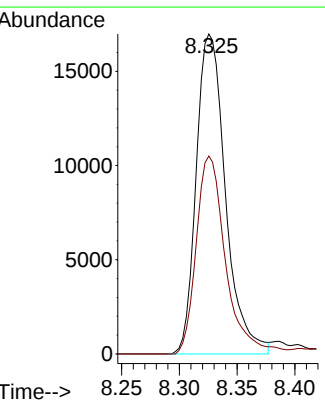
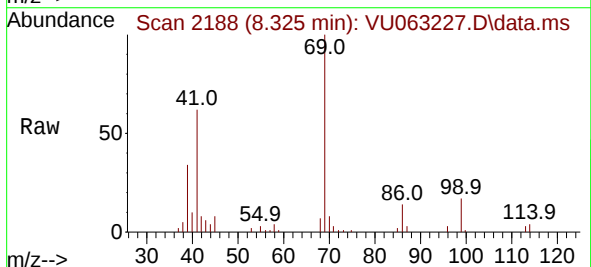
Acq: 10 Feb 2025 18:49

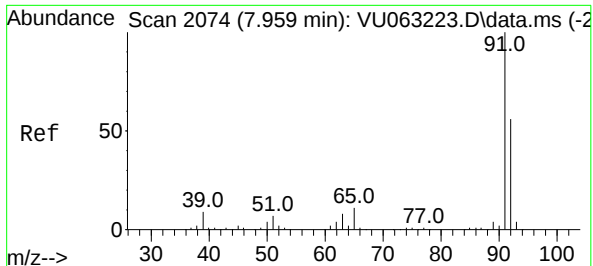
Tgt Ion: 69 Resp: 29937

Ion Ratio Lower Upper

69 100

41 62.1 30.6 92.0





#49

Toluene

Concen: 1.960 ug/l

RT: 7.959 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VU063227.D

Acq: 10 Feb 2025 18:49

Instrument :

MSVOA_U

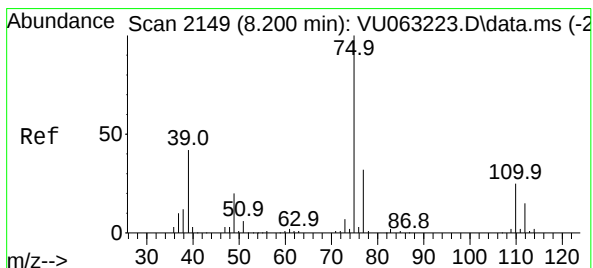
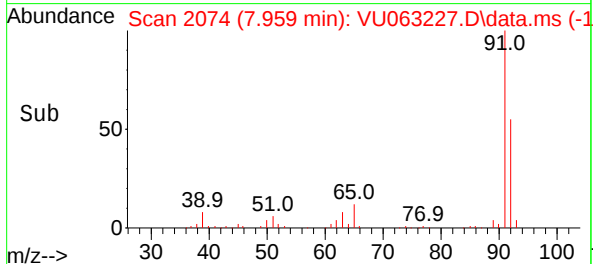
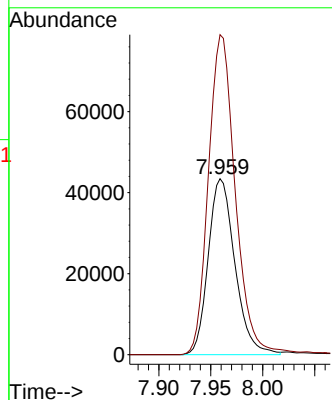
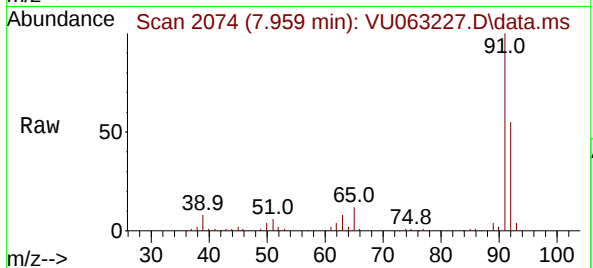
ClientSampleId :

Tgt Ion: 92 Resp: 77655

Ion Ratio Lower Upper

92 100

91 183.1 141.8 212.6



#50

t-1,3-Dichloropropene

Concen: 2.034 ug/l

RT: 8.203 min Scan# 2150

Delta R.T. 0.003 min

Lab File: VU063227.D

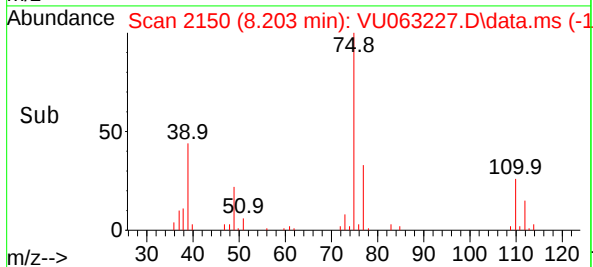
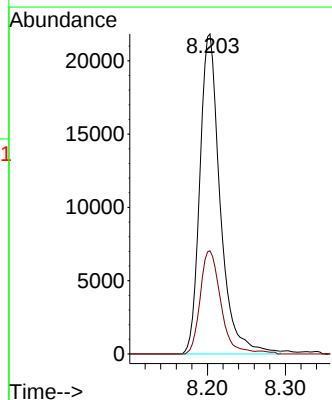
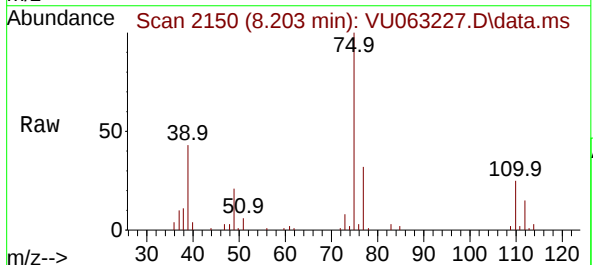
Acq: 10 Feb 2025 18:49

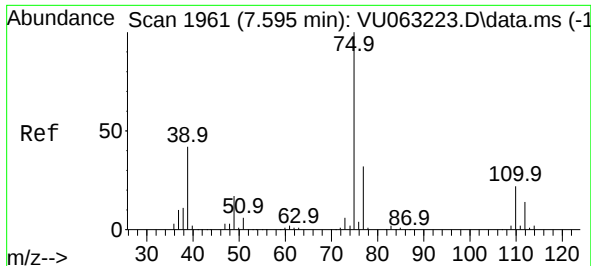
Tgt Ion: 75 Resp: 39580

Ion Ratio Lower Upper

75 100

77 32.2 25.9 38.9





#51

cis-1,3-Dichloropropene

Concen: 2.013 ug/l

RT: 7.599 min Scan# 1961

Delta R.T. 0.003 min

Lab File: VU063227.D

Acq: 10 Feb 2025 18:49

Instrument :

MSVOA_U

ClientSampleId :

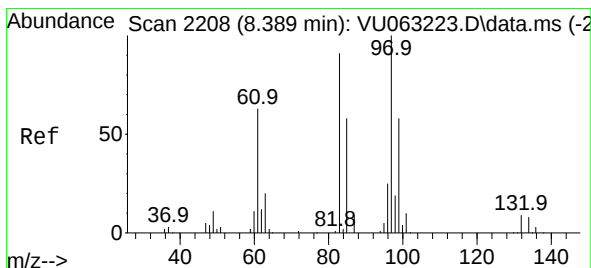
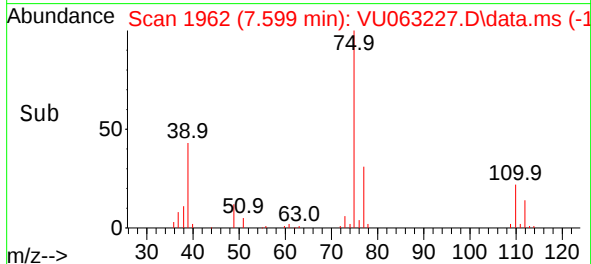
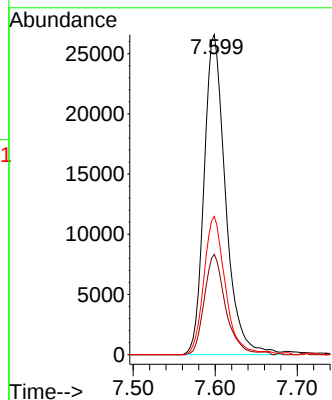
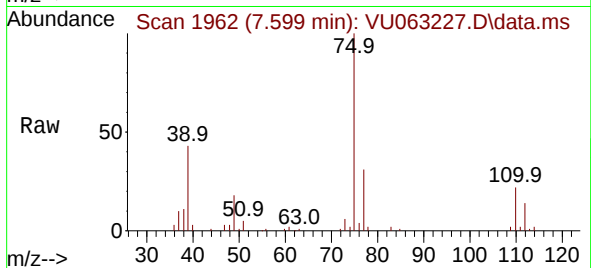
Tgt Ion: 75 Resp: 48373

Ion Ratio Lower Upper

75 100

77 31.4 25.3 37.9

39 43.2 33.5 50.3



#52

1,1,2-Trichloroethane

Concen: 2.140 ug/l

RT: 8.390 min Scan# 2208

Delta R.T. 0.000 min

Lab File: VU063227.D

Acq: 10 Feb 2025 18:49

Tgt Ion: 97 Resp: 26347

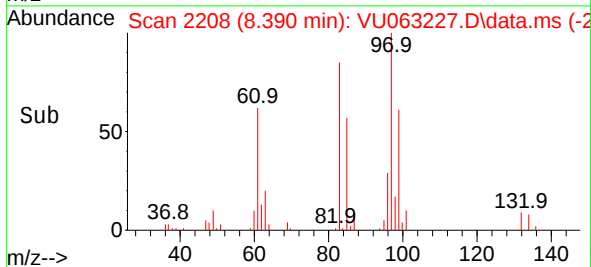
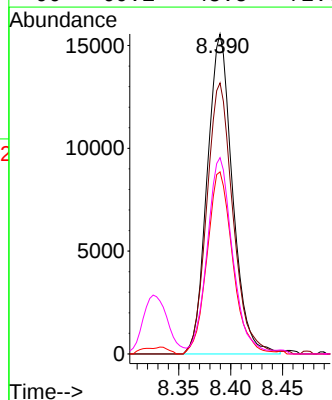
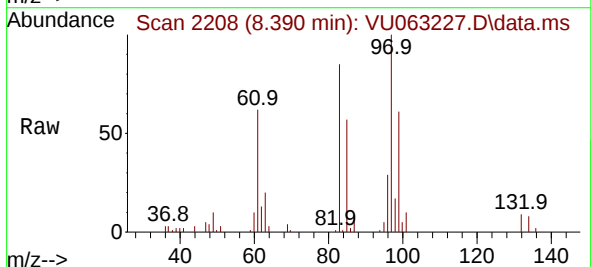
Ion Ratio Lower Upper

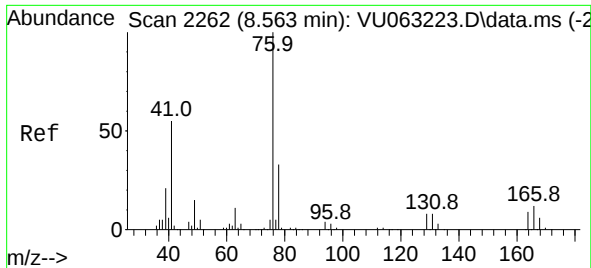
97 100

83 84.7 73.0 109.4

85 56.9 46.3 69.5

99 60.1 48.5 72.7





#53

1,3-Dichloropropane

Concen: 2.081 ug/l

RT: 8.563 min Scan# 2262

Delta R.T. 0.000 min

Lab File: VU063227.D

Acq: 10 Feb 2025 18:49

Instrument :

MSVOA_U

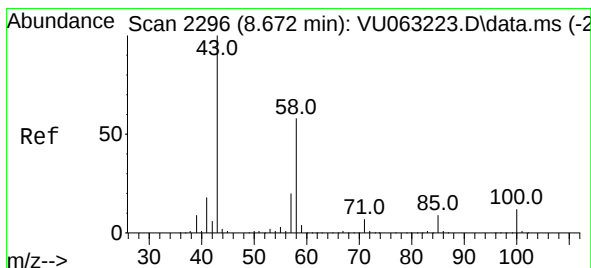
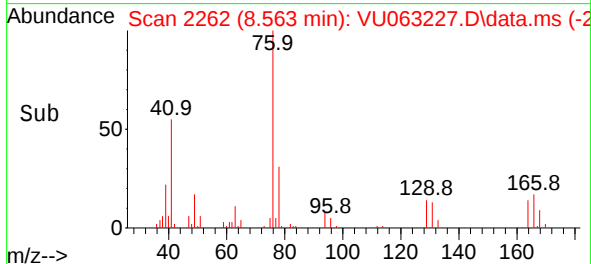
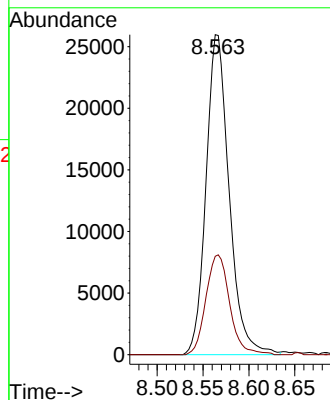
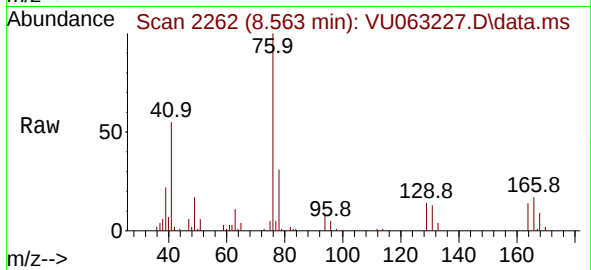
ClientSampleId :

Tgt Ion: 76 Resp: 45475

Ion Ratio Lower Upper

76 100

78 32.1 26.3 39.5



#54

2-Hexanone

Concen: 10.425 ug/l

RT: 8.676 min Scan# 2297

Delta R.T. 0.003 min

Lab File: VU063227.D

Acq: 10 Feb 2025 18:49

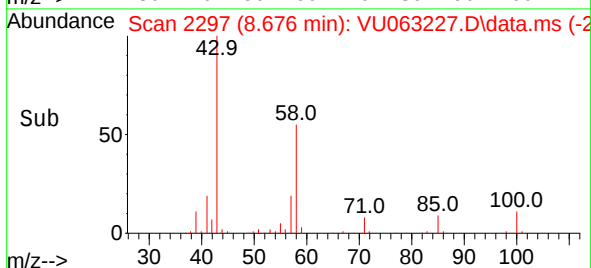
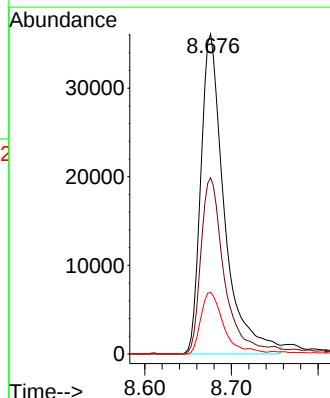
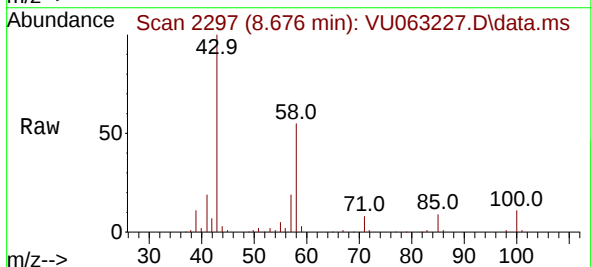
Tgt Ion: 43 Resp: 68097

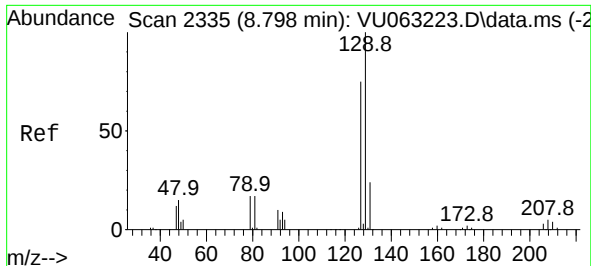
Ion Ratio Lower Upper

43 100

58 54.4 38.0 78.0

57 18.8 0.0 39.1

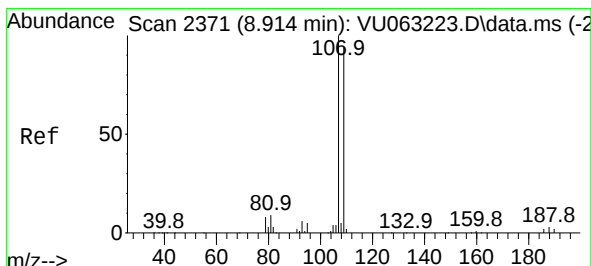
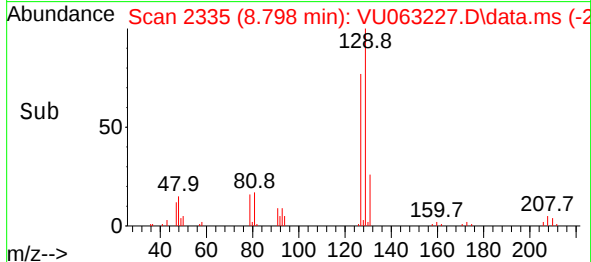
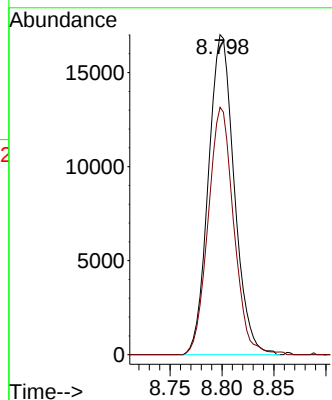
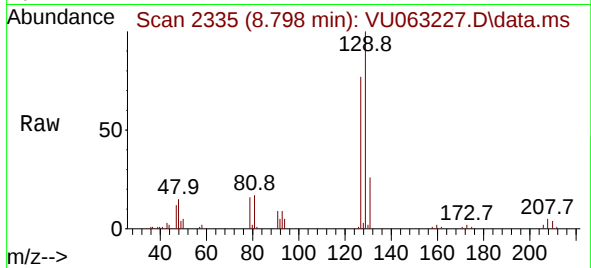




#55
Dibromochloromethane
Concen: 2.081 ug/l
RT: 8.798 min Scan# 2335
Delta R.T. 0.000 min
Lab File: VU063227.D
Acq: 10 Feb 2025 18:49

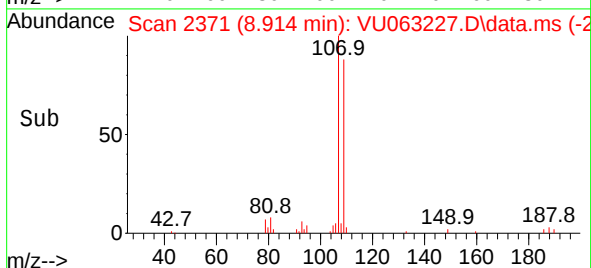
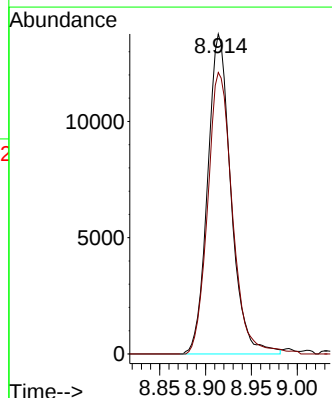
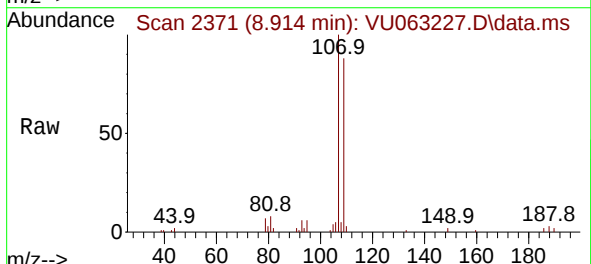
Instrument :
MSVOA_U
ClientSampleId :

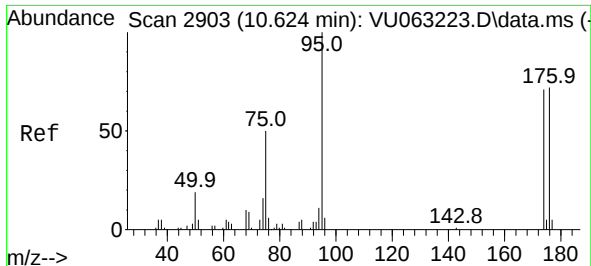
Tgt Ion:129 Resp: 29468
Ion Ratio Lower Upper
129 100
127 76.5 60.4 90.6



#56
1,2-Dibromoethane
Concen: 2.112 ug/l
RT: 8.914 min Scan# 2371
Delta R.T. 0.000 min
Lab File: VU063227.D
Acq: 10 Feb 2025 18:49

Tgt Ion:107 Resp: 24385
Ion Ratio Lower Upper
107 100
109 93.3 0.0 187.8





#57

4-Bromofluorobenzene

Concen: 0.979 ug/l

RT: 10.628 min Scan# 2904

Delta R.T. 0.003 min

Lab File: VU063227.D

Acq: 10 Feb 2025 18:49

Instrument :

MSVOA_U

ClientSampleId :

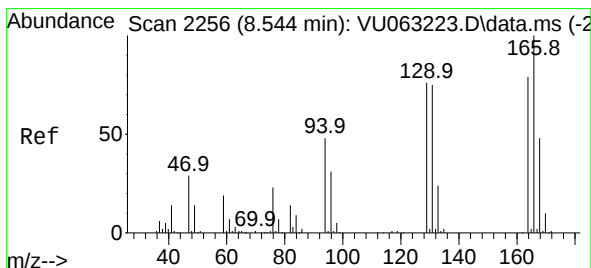
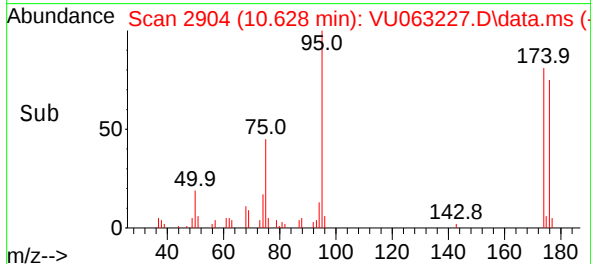
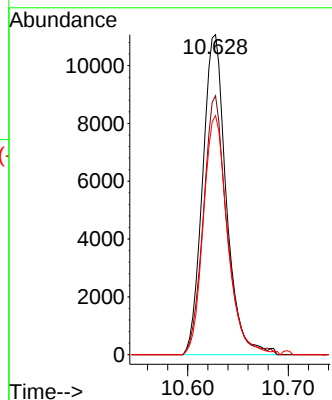
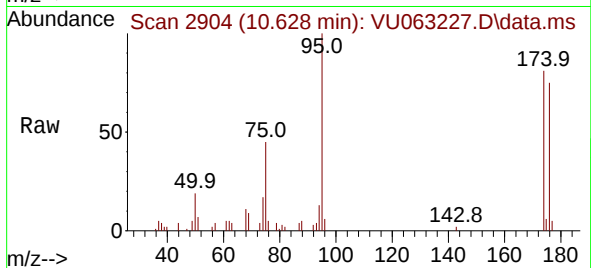
Tgt Ion: 95 Resp: 18096

Ion Ratio Lower Upper

95 100

174 80.7 58.6 88.0

176 76.6 58.2 87.4



#58

Tetrachloroethene

Concen: 2.040 ug/l

RT: 8.541 min Scan# 2255

Delta R.T. -0.003 min

Lab File: VU063227.D

Acq: 10 Feb 2025 18:49

Tgt Ion: 164 Resp: 27537

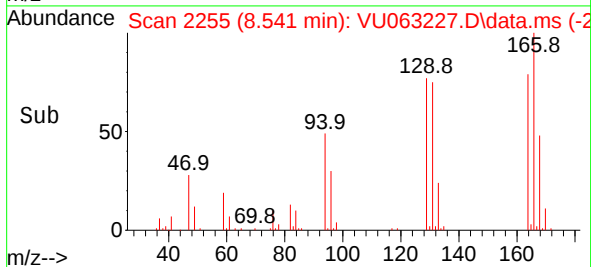
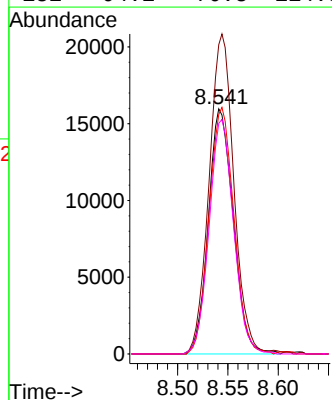
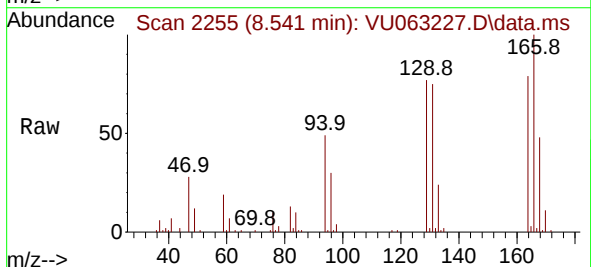
Ion Ratio Lower Upper

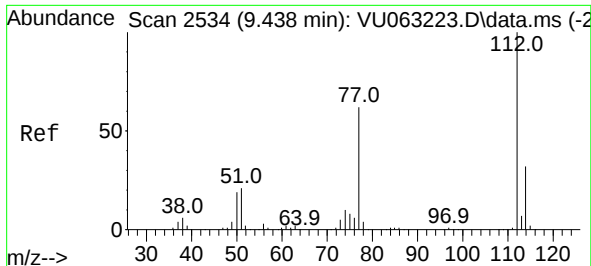
164 100

166 126.2 101.4 152.0

129 97.8 77.0 115.4

131 94.1 76.3 114.5





#59

Chlorobenzene

Concen: 2.028 ug/l

RT: 9.438 min Scan# 2534

Delta R.T. 0.000 min

Lab File: VU063227.D

Acq: 10 Feb 2025 18:49

Instrument :

MSVOA_U

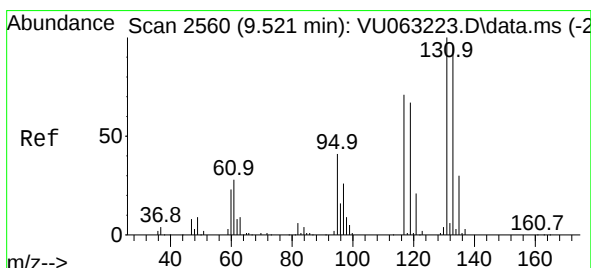
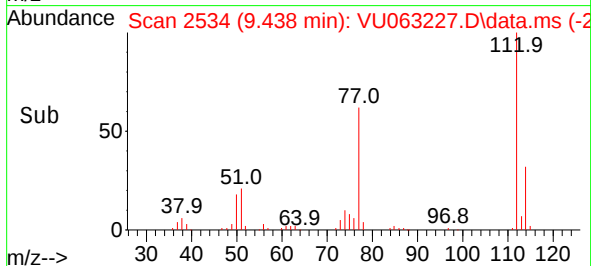
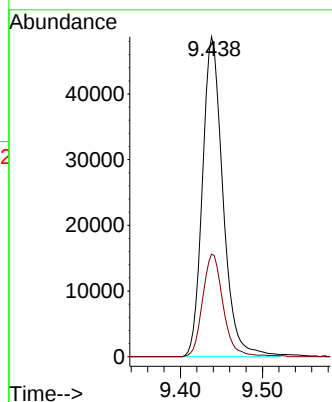
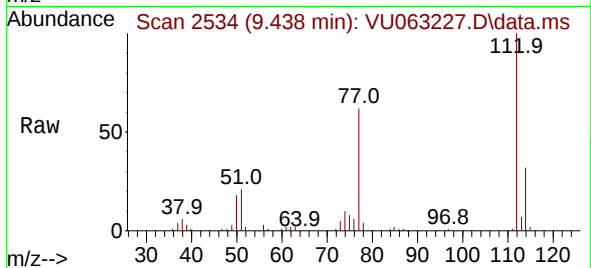
ClientSampleId :

Tgt Ion:112 Resp: 84774

Ion Ratio Lower Upper

112 100

114 32.1 25.7 38.5



#60

1,1,1,2-Tetrachloroethane

Concen: 2.024 ug/l

RT: 9.521 min Scan# 2560

Delta R.T. 0.000 min

Lab File: VU063227.D

Acq: 10 Feb 2025 18:49

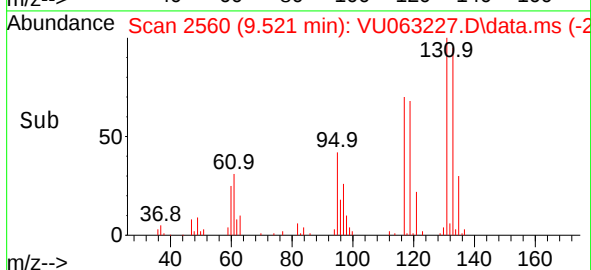
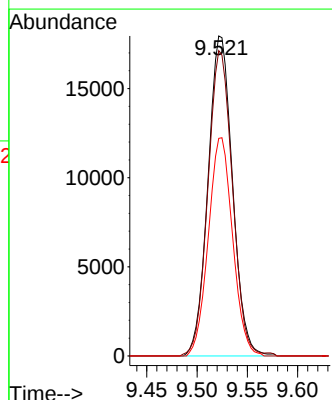
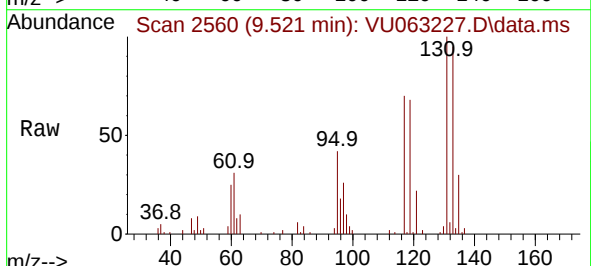
Tgt Ion:131 Resp: 30409

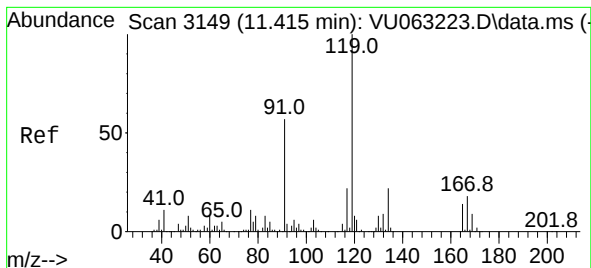
Ion Ratio Lower Upper

131 100

133 95.6 76.7 115.1

119 67.6 54.4 81.6





#61

Pentachloroethane

Concen: 1.993 ug/l

RT: 11.415 min Scan# 3149

Delta R.T. 0.000 min

Lab File: VU063227.D

Acq: 10 Feb 2025 18:49

Instrument :

MSVOA_U

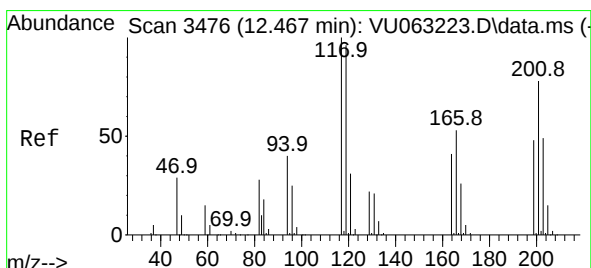
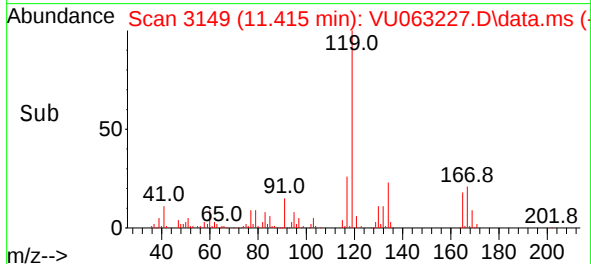
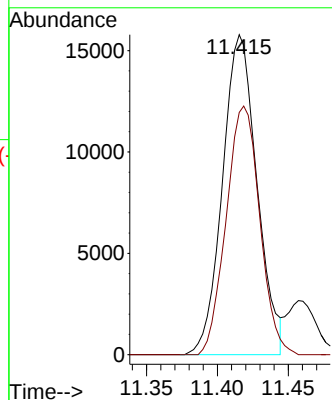
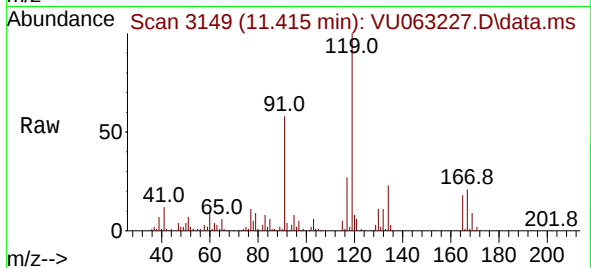
ClientSampleId :

Tgt Ion:117 Resp: 26748

Ion Ratio Lower Upper

117 100

167 75.7 65.0 97.6



#62

Hexachloroethane

Concen: 1.848 ug/l

RT: 12.464 min Scan# 3475

Delta R.T. -0.003 min

Lab File: VU063227.D

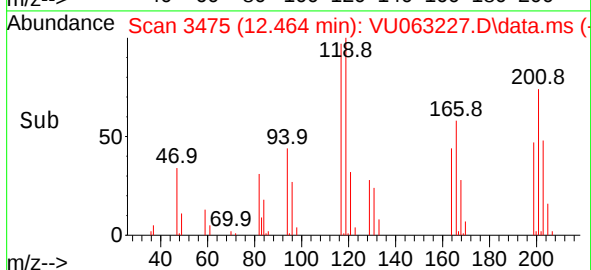
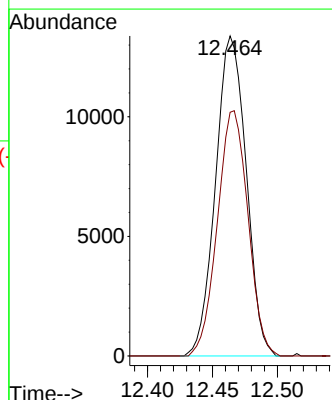
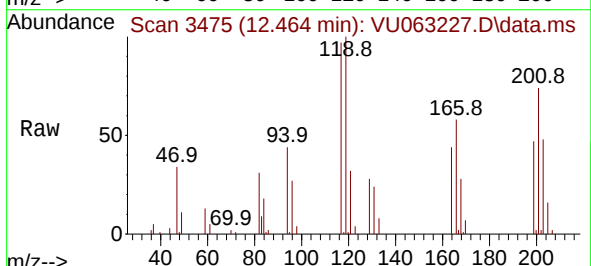
Acq: 10 Feb 2025 18:49

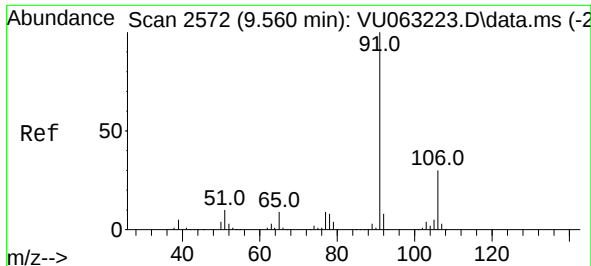
Tgt Ion:117 Resp: 21948

Ion Ratio Lower Upper

117 100

201 76.6 61.3 91.9





#63

Ethyl Benzene

Concen: 1.943 ug/l

RT: 9.560 min Scan# 2572

Delta R.T. 0.000 min

Lab File: VU063227.D

Acq: 10 Feb 2025 18:49

Instrument :

MSVOA_U

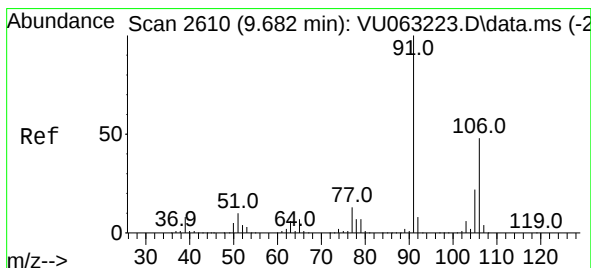
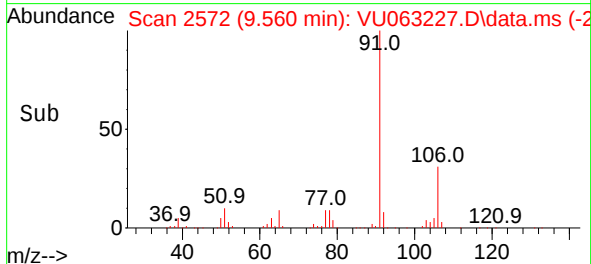
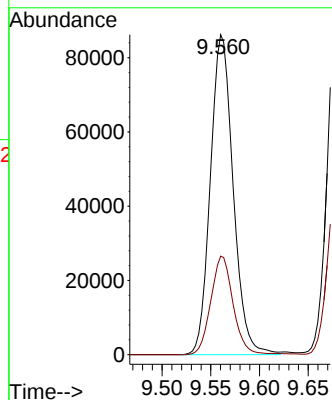
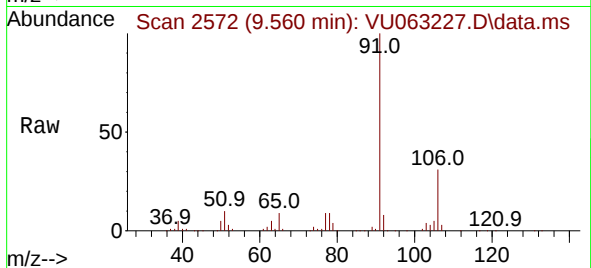
ClientSampleId :

Tgt Ion: 91 Resp: 140088

Ion Ratio Lower Upper

91 100

106 30.8 24.2 36.2



#64

m/p-Xylenes

Concen: 3.958 ug/l

RT: 9.682 min Scan# 2610

Delta R.T. 0.000 min

Lab File: VU063227.D

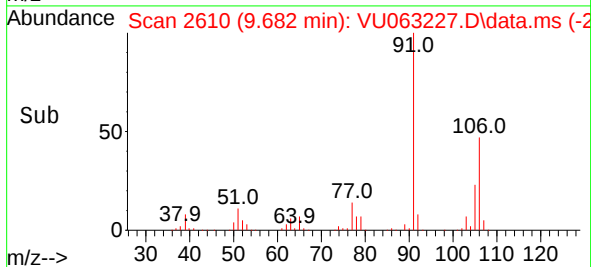
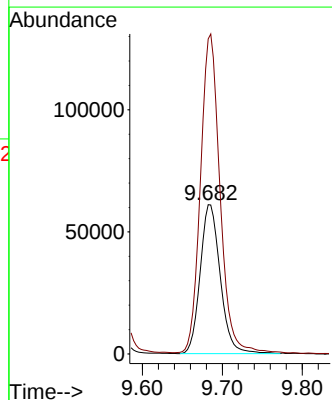
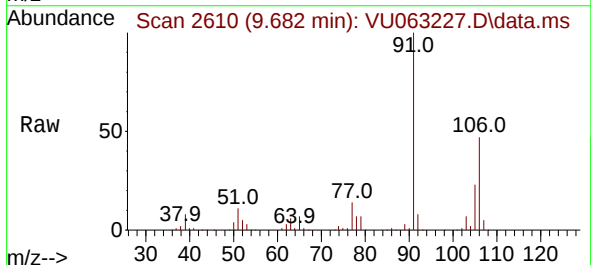
Acq: 10 Feb 2025 18:49

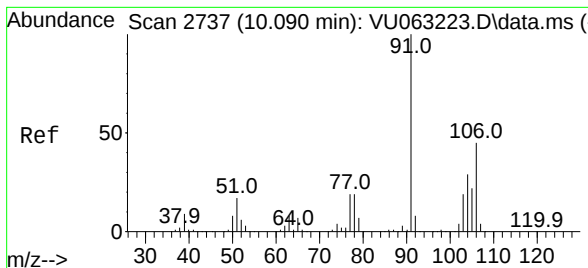
Tgt Ion:106 Resp: 106586

Ion Ratio Lower Upper

106 100

91 207.5 166.9 250.3

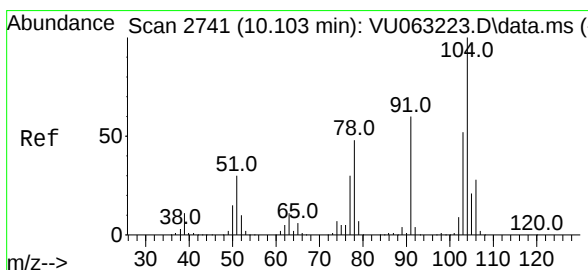
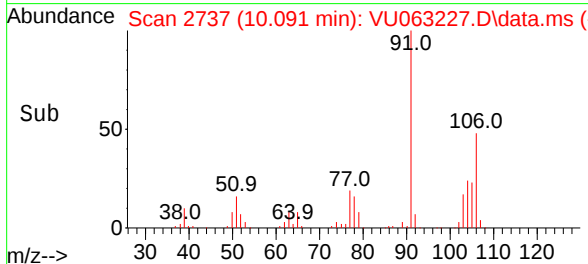
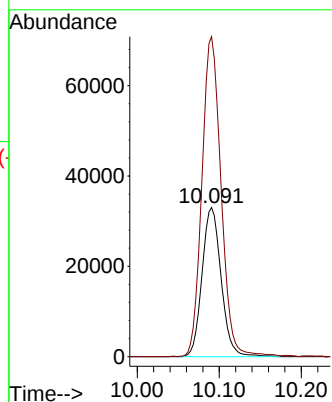
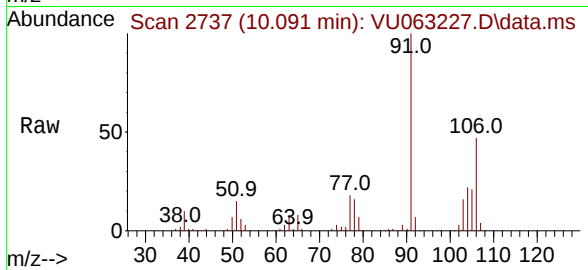




#65
o-Xylene
Concen: 2.023 ug/l
RT: 10.091 min Scan# 2737
Delta R.T. 0.000 min
Lab File: VU063227.D
Acq: 10 Feb 2025 18:49

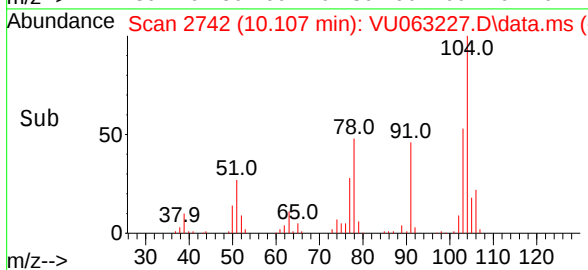
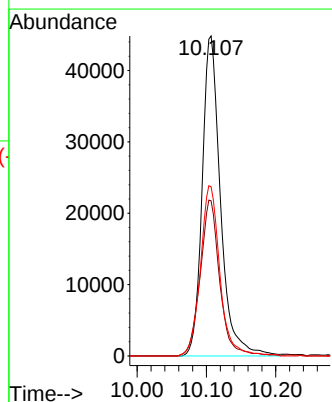
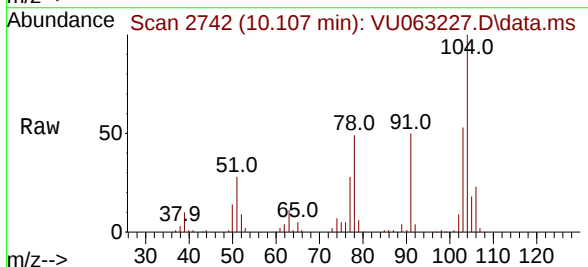
Instrument :
MSVOA_U
ClientSampleId :

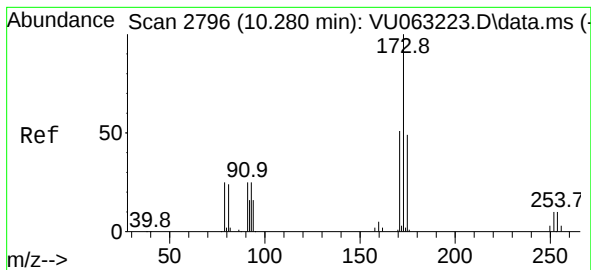
Tgt Ion:106 Resp: 53344
Ion Ratio Lower Upper
106 100
91 215.8 110.9 332.9



#66
Styrene
Concen: 1.967 ug/l
RT: 10.107 min Scan# 2742
Delta R.T. 0.003 min
Lab File: VU063227.D
Acq: 10 Feb 2025 18:49

Tgt Ion:104 Resp: 82531
Ion Ratio Lower Upper
104 100
78 51.8 41.2 61.8
103 56.4 44.8 67.2





#67

Bromoform

Concen: 2.066 ug/l

RT: 10.280 min Scan# 2796

Delta R.T. 0.000 min

Lab File: VU063227.D

Acq: 10 Feb 2025 18:49

Instrument :

MSVOA_U

ClientSampleId :

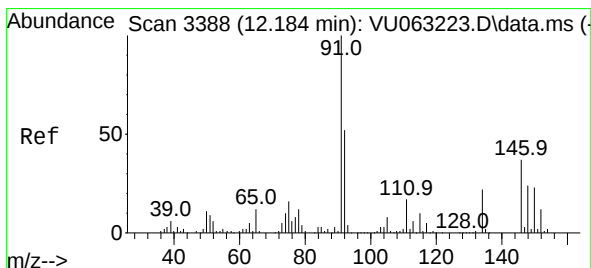
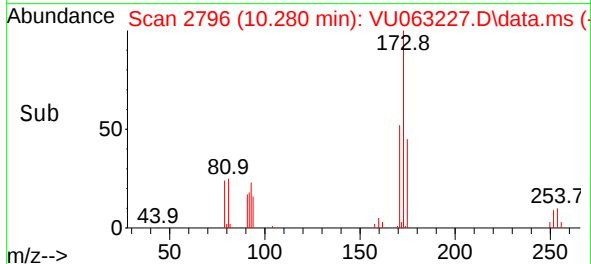
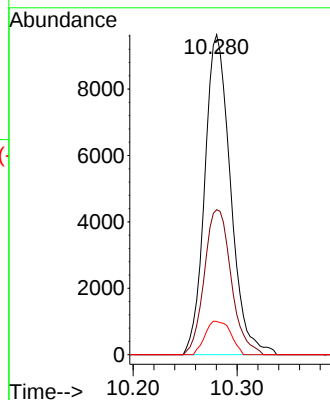
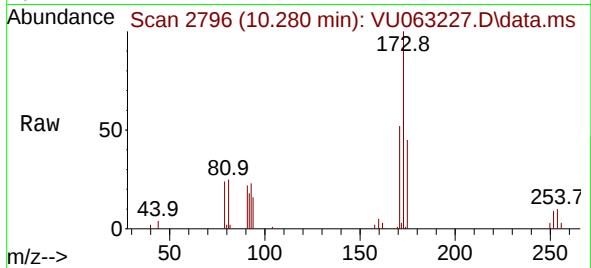
Tgt Ion:173 Resp: 16607

Ion Ratio Lower Upper

173 100

175 47.3 39.0 58.4

254 10.4 7.7 11.5



#68

1,2-Dichlorobenzene-d4

Concen: 0.975 ug/l

RT: 12.184 min Scan# 3388

Delta R.T. 0.000 min

Lab File: VU063227.D

Acq: 10 Feb 2025 18:49

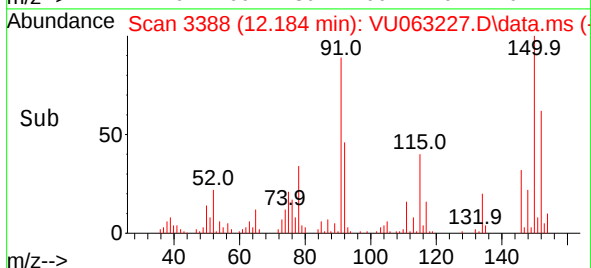
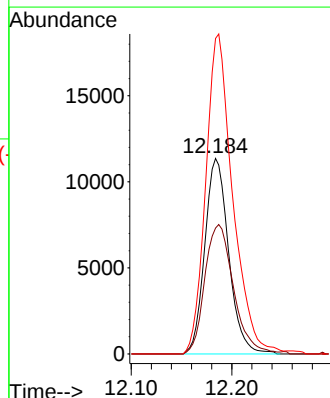
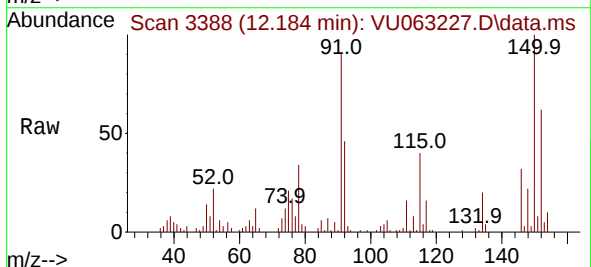
Tgt Ion:152 Resp: 18756

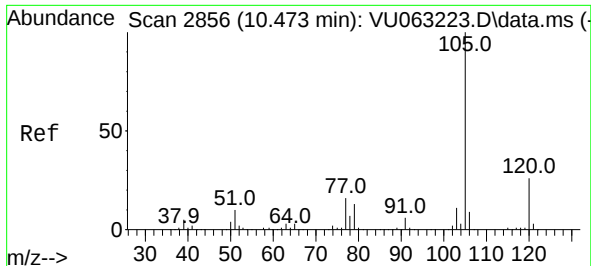
Ion Ratio Lower Upper

152 100

115 79.7 0.0 275.2

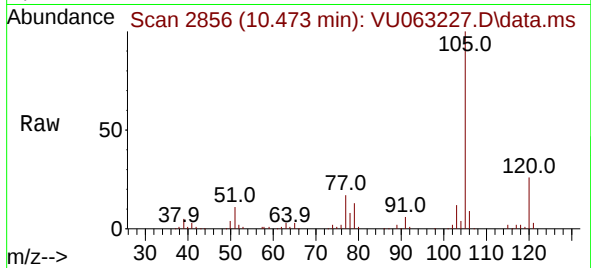
150 185.8 0.0 658.4



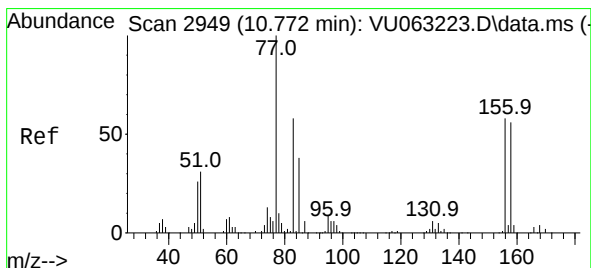
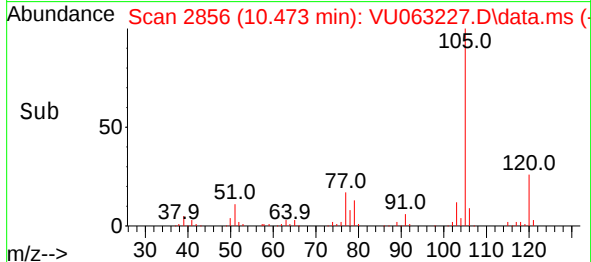
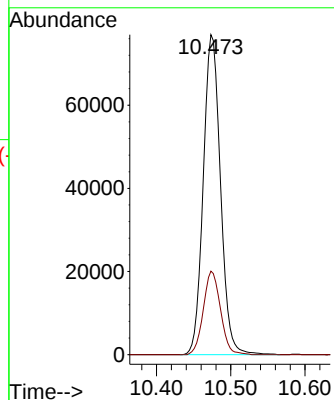


#69
Isopropylbenzene
Concen: 1.999 ug/l
RT: 10.473 min Scan# 2856
Delta R.T. 0.000 min
Lab File: VU063227.D
Acq: 10 Feb 2025 18:49

Instrument :
MSVOA_U
ClientSampleId :

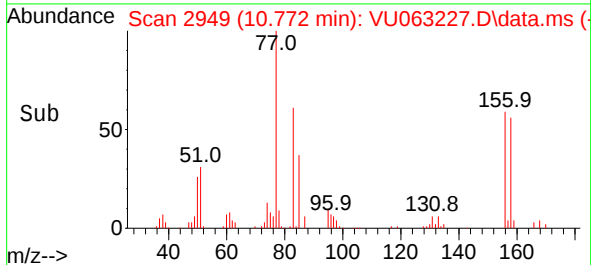
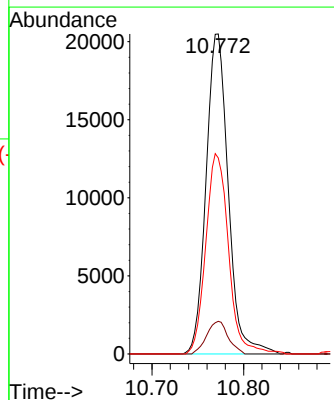
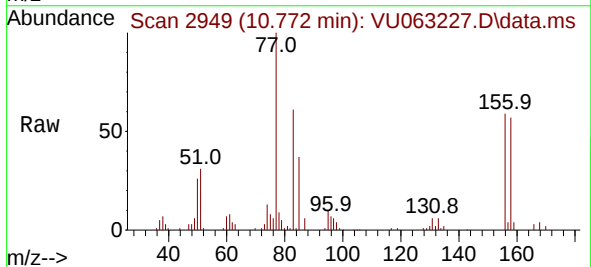


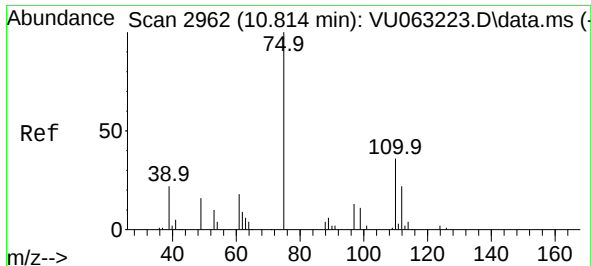
Tgt Ion:105 Resp: 123927
Ion Ratio Lower Upper
105 100
120 26.0 12.8 38.4



#70
1,1,2,2-Tetrachloroethane
Concen: 2.076 ug/l
RT: 10.772 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU063227.D
Acq: 10 Feb 2025 18:49

Tgt Ion: 83 Resp: 34438
Ion Ratio Lower Upper
83 100
131 9.9 7.4 11.0
85 64.3 51.8 77.8



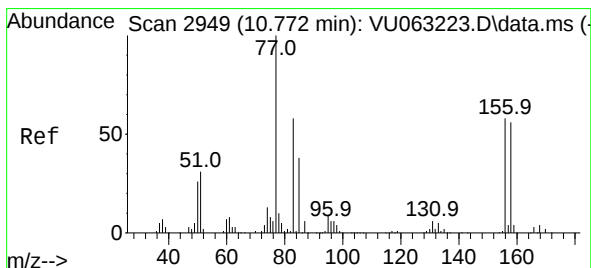
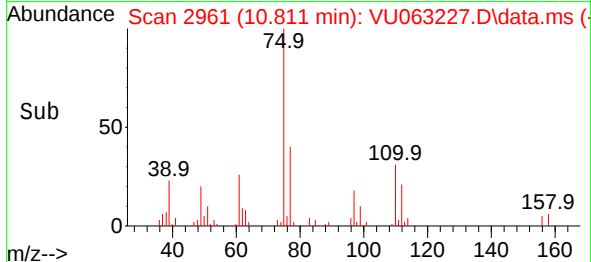
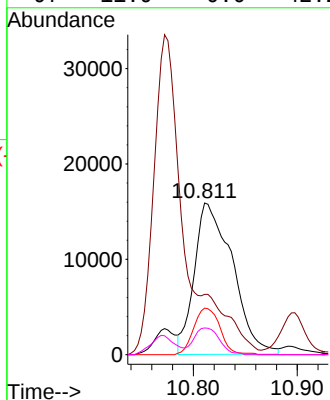
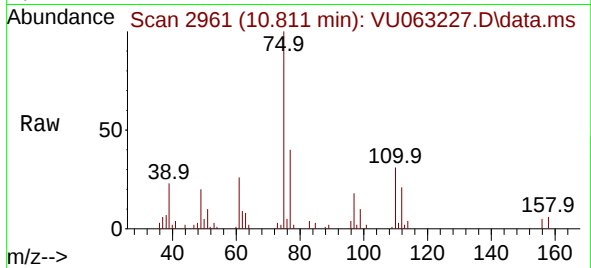


#71
1,2,3-Trichloropropane
Concen: 3.240 ug/l
RT: 10.811 min Scan# 2961
Delta R.T. -0.003 min
Lab File: VU063227.D
Acq: 10 Feb 2025 18:49

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 40389

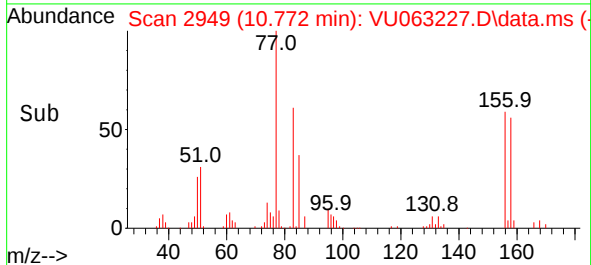
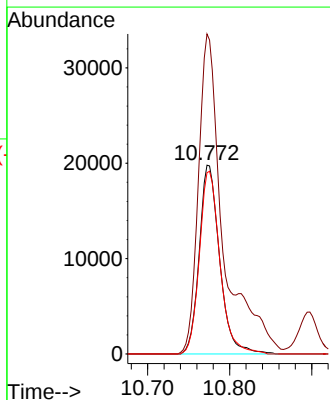
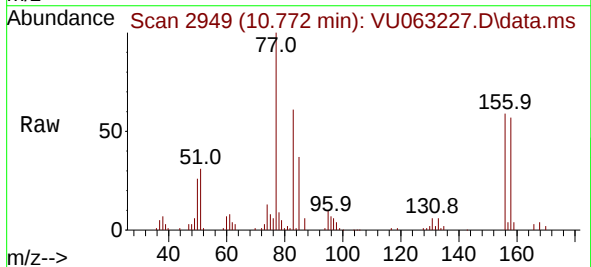
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0
110	21.3	0.0	77.0
97	11.9	0.0	42.2

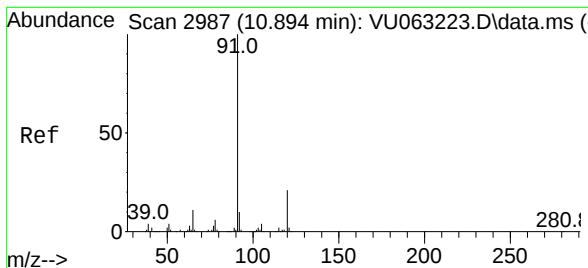


#72
Bromobenzene
Concen: 2.053 ug/l
RT: 10.772 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU063227.D
Acq: 10 Feb 2025 18:49

Tgt Ion: 156 Resp: 34287

Ion	Ratio	Lower	Upper
156	100		
77	173.0	0.0	343.6
158	97.5	0.0	193.0





#73

n-propylbenzene

Concen: 1.952 ug/l

RT: 10.898 min Scan# 2987

Delta R.T. 0.003 min

Lab File: VU063227.D

Acq: 10 Feb 2025 18:49

Instrument :

MSVOA_U

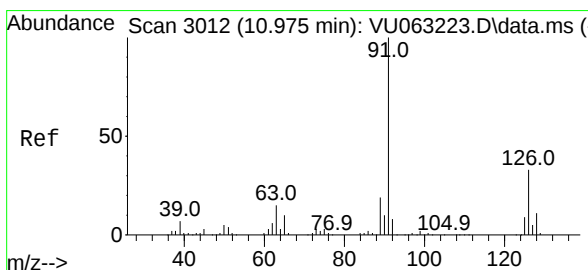
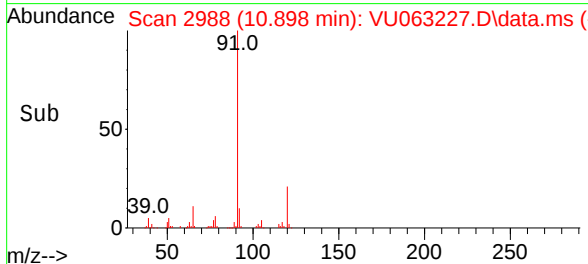
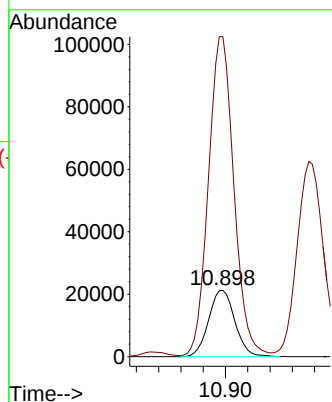
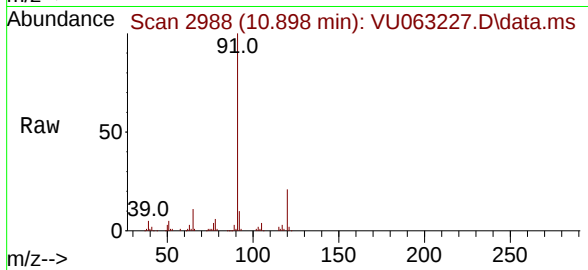
ClientSampleId :

Tgt Ion:120 Resp: 34634

Ion Ratio Lower Upper

120 100

91 466.2 369.8 554.6



#74

2-Chlorotoluene

Concen: 1.966 ug/l

RT: 10.975 min Scan# 3012

Delta R.T. 0.000 min

Lab File: VU063227.D

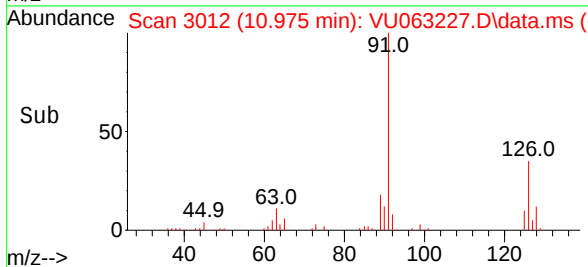
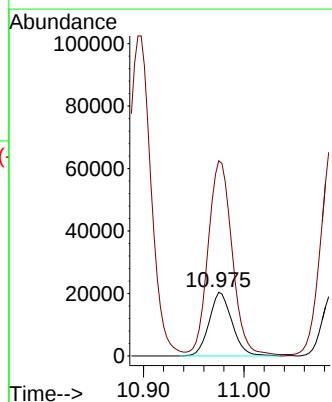
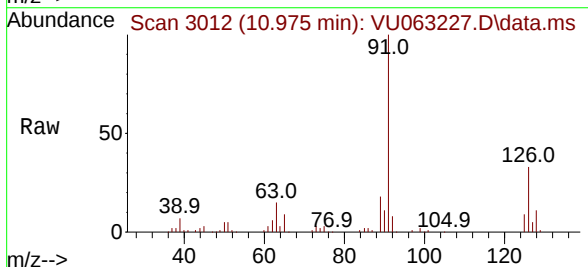
Acq: 10 Feb 2025 18:49

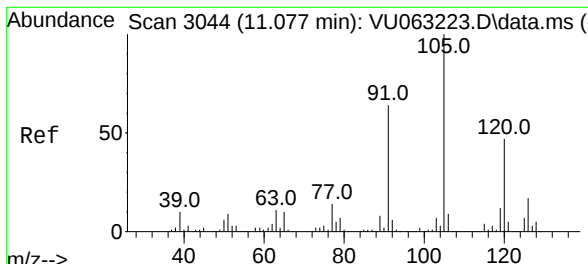
Tgt Ion:126 Resp: 32159

Ion Ratio Lower Upper

126 100

91 318.2 0.0 623.8

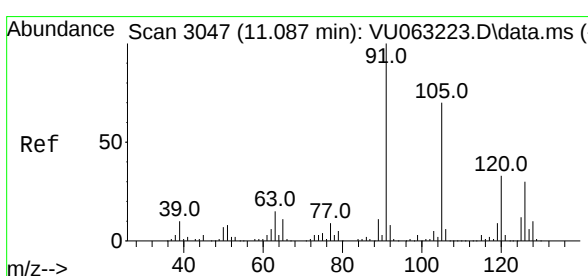
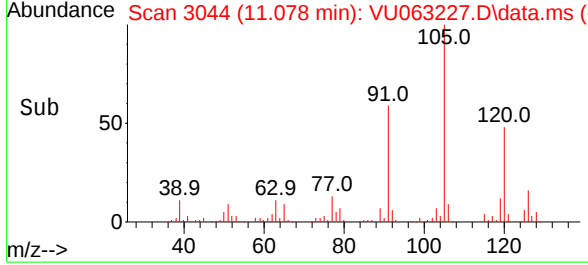
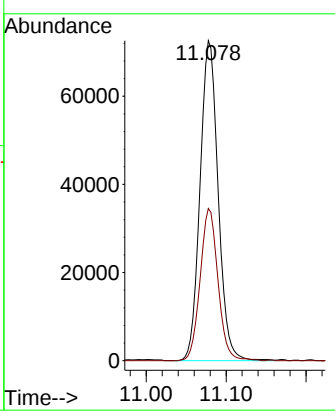
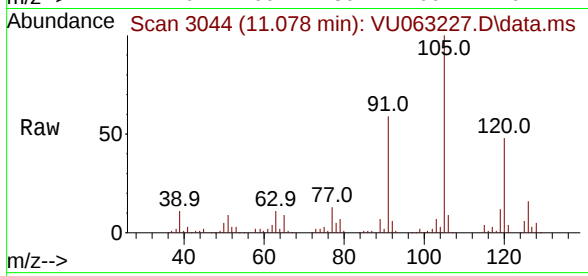




#75
 1,3,5-Trimethylbenzene
 Concen: 1.992 ug/l
 RT: 11.078 min Scan# 3044
 Delta R.T. 0.000 min
 Lab File: VU063227.D
 Acq: 10 Feb 2025 18:49

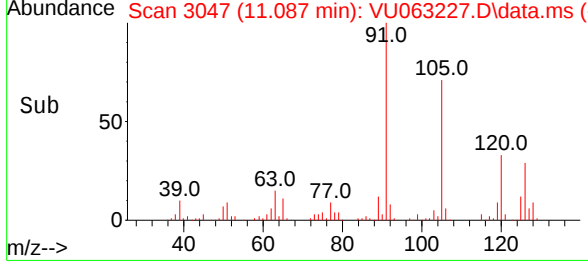
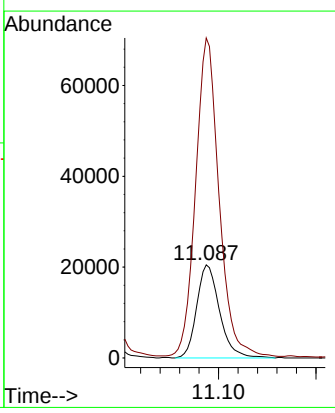
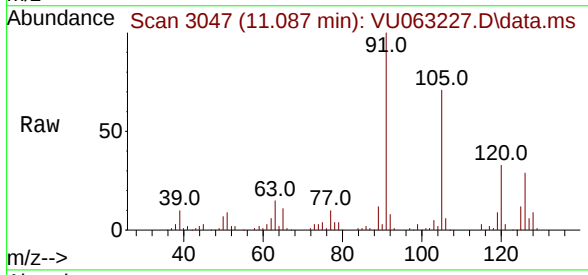
Instrument :
 MSVOA_U
 ClientSampleId :

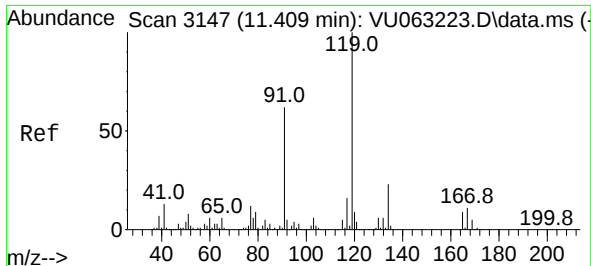
Tgt Ion:	105	Resp:	114421
Ion Ratio	Lower	Upper	
105	100		
120	46.9	37.3	55.9



#76
 4-Chlorotoluene
 Concen: 1.990 ug/l
 RT: 11.087 min Scan# 3047
 Delta R.T. 0.000 min
 Lab File: VU063227.D
 Acq: 10 Feb 2025 18:49

Tgt Ion:	126	Resp:	33374
Ion Ratio	Lower	Upper	
126	100		
91	349.8	0.0	703.6

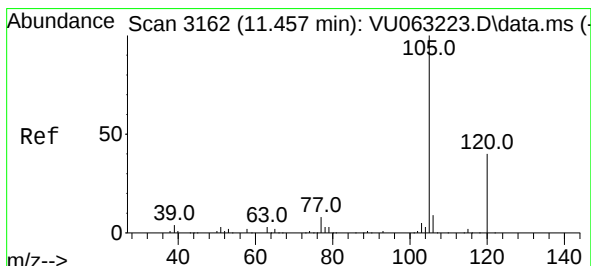
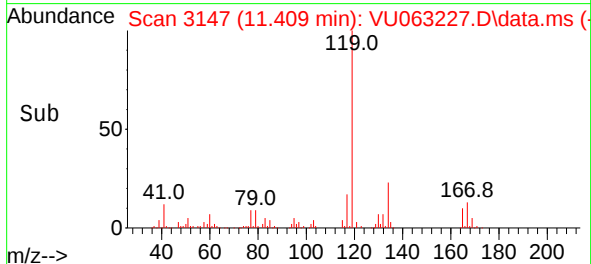
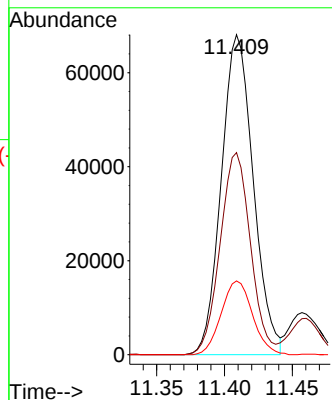
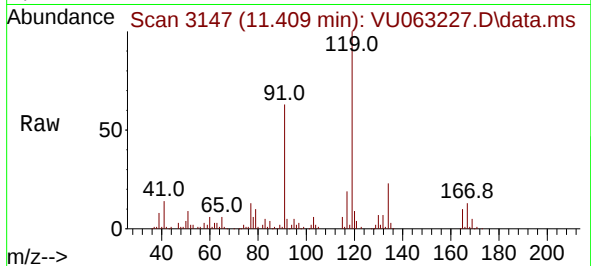




#77
tert-Butylbenzene
Concen: 1.923 ug/l
RT: 11.409 min Scan# 3147
Delta R.T. 0.000 min
Lab File: VU063227.D
Acq: 10 Feb 2025 18:49

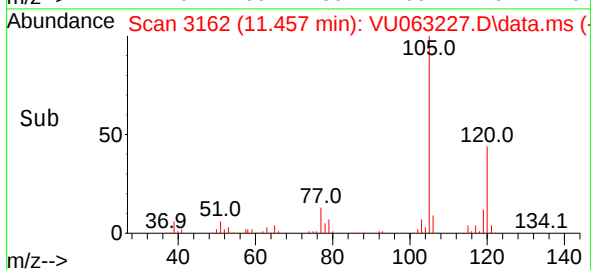
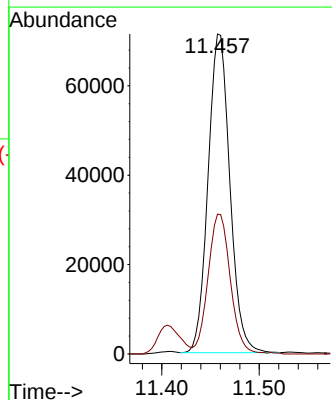
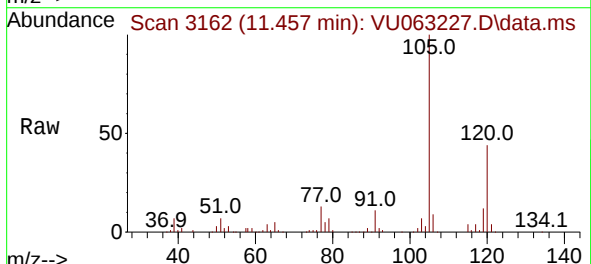
Instrument :
MSVOA_U
ClientSampleId :

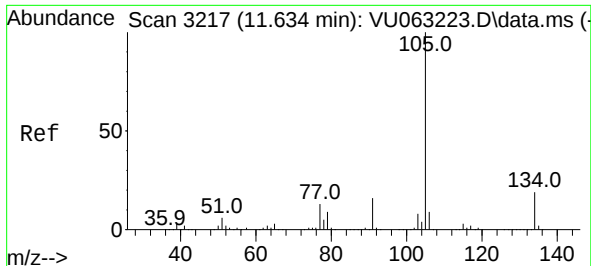
Tgt Ion:119 Resp: 111712
Ion Ratio Lower Upper
119 100
91 60.0 29.4 88.3
134 22.6 17.6 26.4



#78
1,2,4-Trimethylbenzene
Concen: 1.946 ug/l
RT: 11.457 min Scan# 3162
Delta R.T. 0.000 min
Lab File: VU063227.D
Acq: 10 Feb 2025 18:49

Tgt Ion:105 Resp: 110883
Ion Ratio Lower Upper
105 100
120 44.2 21.9 65.7





#79

sec-Butylbenzene

Concen: 1.979 ug/l

RT: 11.634 min Scan# 3217

Delta R.T. 0.000 min

Lab File: VU063227.D

Acq: 10 Feb 2025 18:49

Instrument :

MSVOA_U

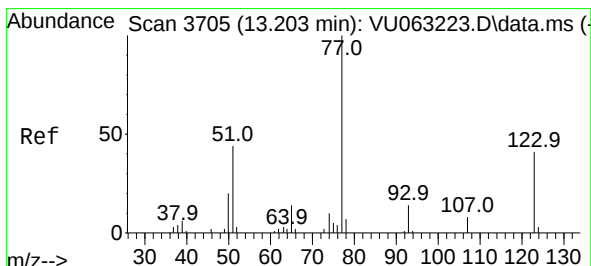
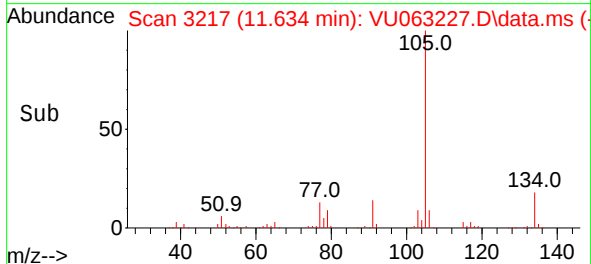
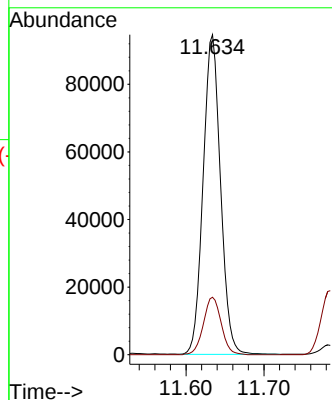
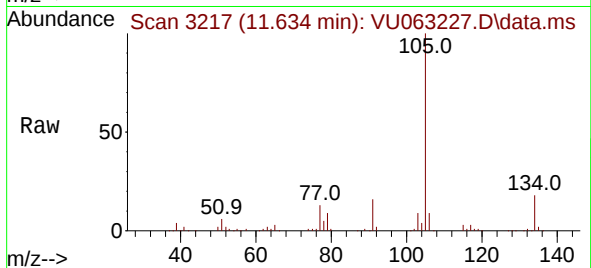
ClientSampleId :

Tgt Ion:105 Resp: 146326

Ion Ratio Lower Upper

105 100

134 18.4 15.1 22.7



#80

Nitrobenzene

Concen: 9.435 ug/l

RT: 13.216 min Scan# 3709

Delta R.T. 0.013 min

Lab File: VU063227.D

Acq: 10 Feb 2025 18:49

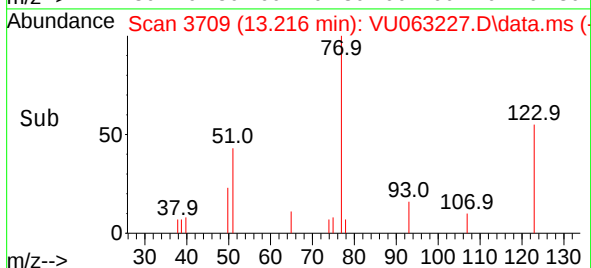
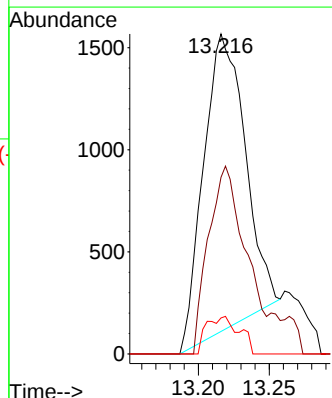
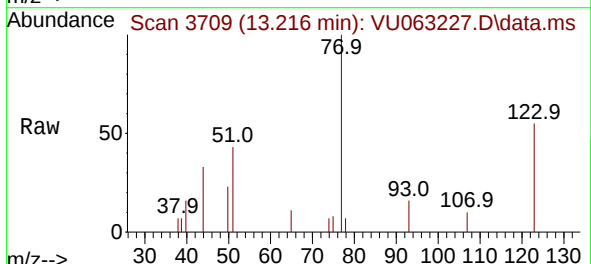
Tgt Ion: 77 Resp: 2979

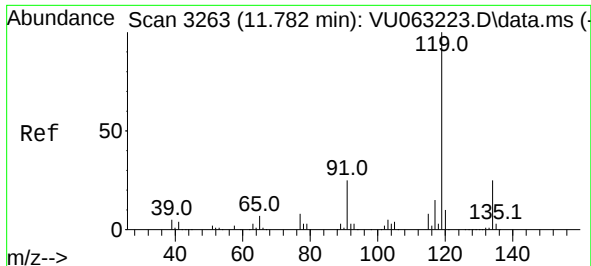
Ion Ratio Lower Upper

77 100

123 64.0 18.9 67.1

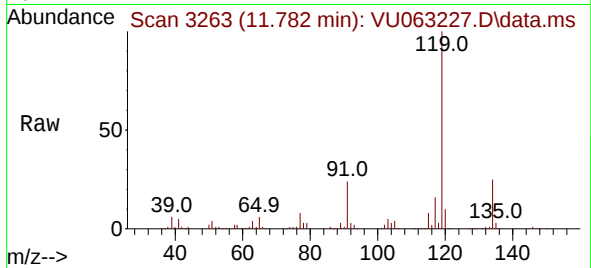
65 9.9 11.9 15.1#



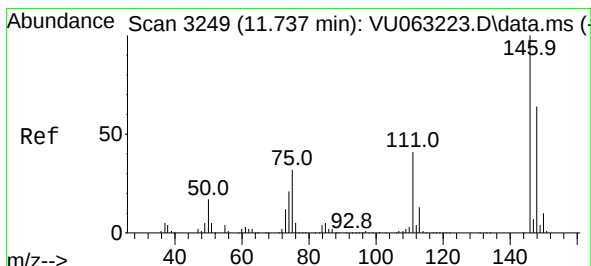
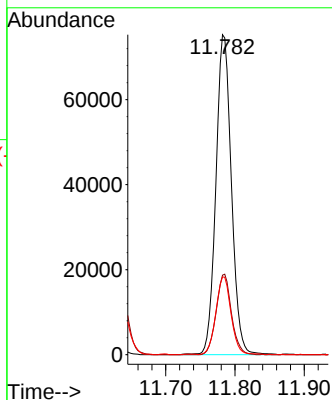
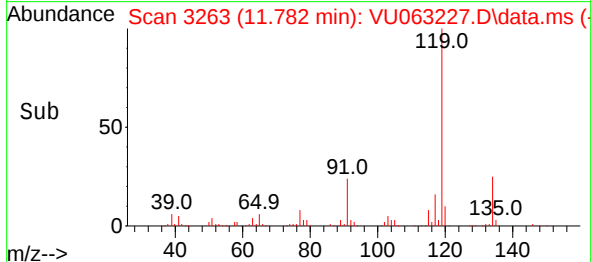


#81
 p-Isopropyltoluene
 Concen: 2.008 ug/l
 RT: 11.782 min Scan# 3263
 Delta R.T. 0.000 min
 Lab File: VU063227.D
 Acq: 10 Feb 2025 18:49

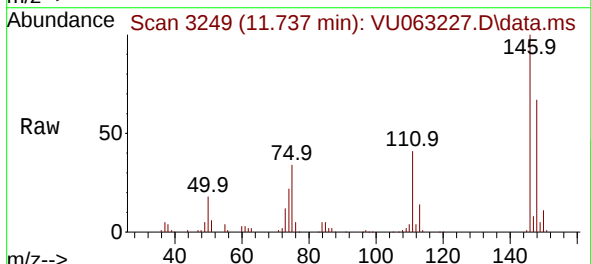
Instrument :
 MSVOA_U
 ClientSampleId :



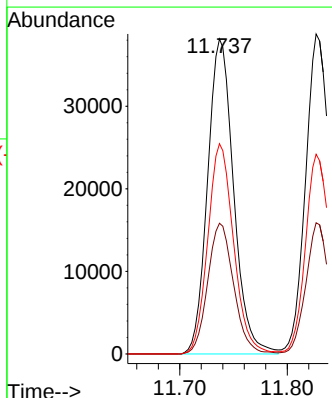
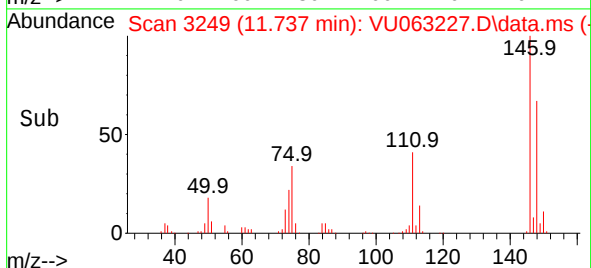
Tgt Ion:119 Resp: 117186
 Ion Ratio Lower Upper
 119 100
 134 24.7 20.3 30.5
 91 23.9 19.4 29.2

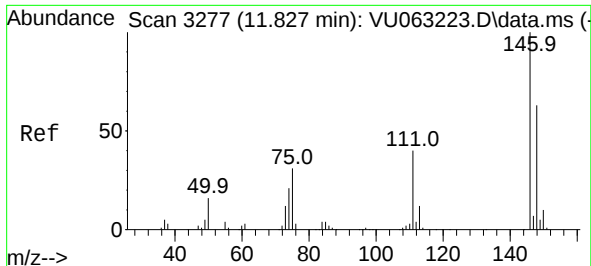


#82
 1,3-Dichlorobenzene
 Concen: 1.983 ug/l
 RT: 11.737 min Scan# 3249
 Delta R.T. 0.000 min
 Lab File: VU063227.D
 Acq: 10 Feb 2025 18:49



Tgt Ion:146 Resp: 64250
 Ion Ratio Lower Upper
 146 100
 111 41.3 32.8 49.2
 148 66.0 51.1 76.7





#83

1,4-Dichlorobenzene

Concen: 2.004 ug/l

RT: 11.827 min Scan# 3277

Delta R.T. 0.000 min

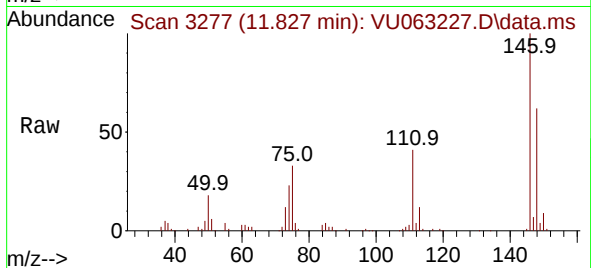
Lab File: VU063227.D

Acq: 10 Feb 2025 18:49

Instrument :

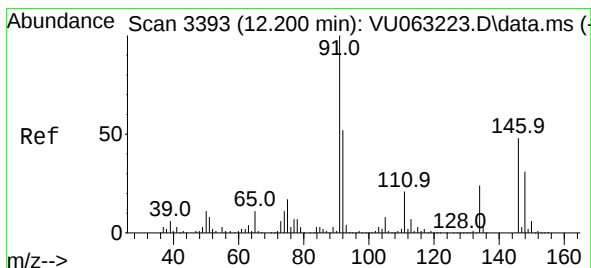
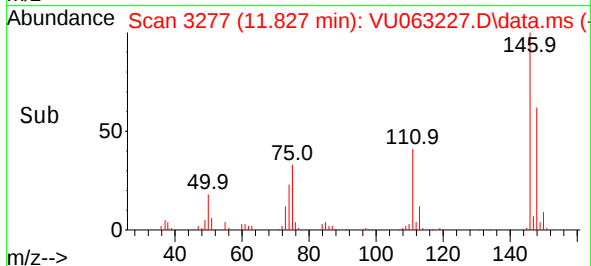
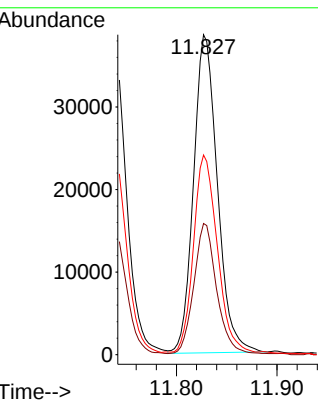
MSVOA_U

ClientSampleId :



Tgt Ion:146 Resp: 63500

Ion	Ratio	Lower	Upper
146	100		
111	39.1	32.1	48.1
148	61.7	50.2	75.4



#84

n-Butylbenzene

Concen: 1.943 ug/l

RT: 12.200 min Scan# 3393

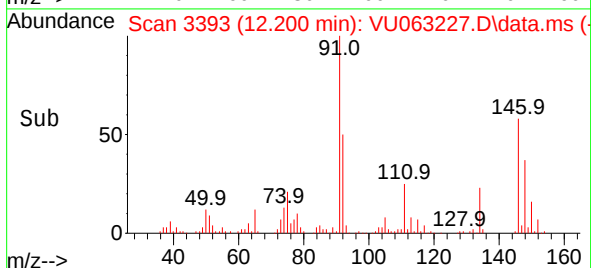
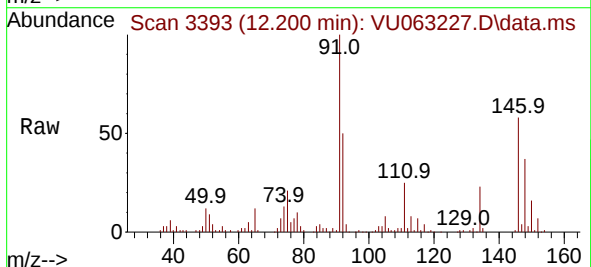
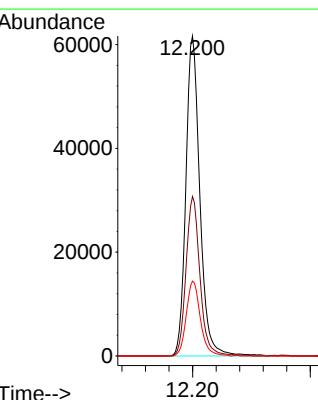
Delta R.T. 0.000 min

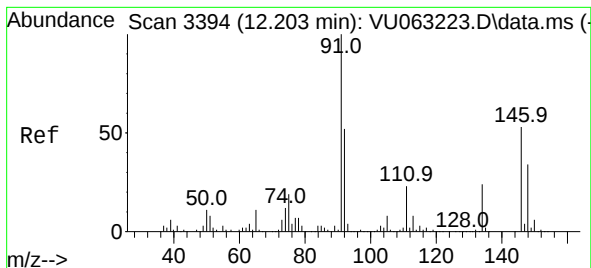
Lab File: VU063227.D

Acq: 10 Feb 2025 18:49

Tgt Ion: 91 Resp: 101704

Ion	Ratio	Lower	Upper
91	100		
92	49.8	41.8	62.8
134	23.5	18.6	28.0





#85

1,2-Dichlorobenzene

Concen: 2.006 ug/l

RT: 12.203 min Scan# 3394

Delta R.T. 0.000 min

Lab File: VU063227.D

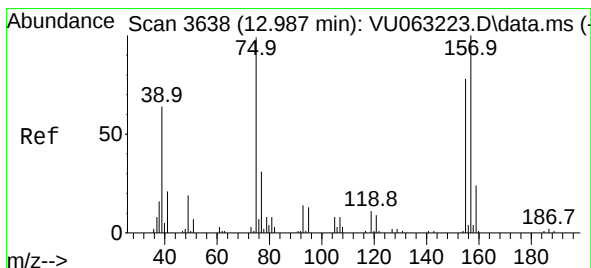
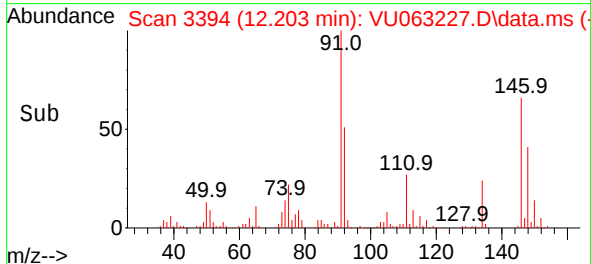
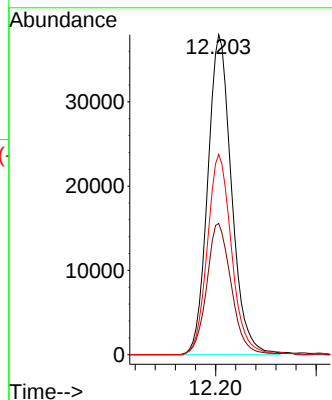
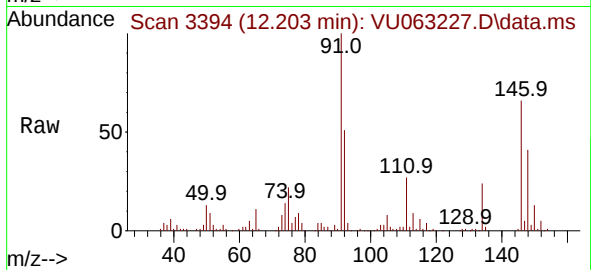
Acq: 10 Feb 2025 18:49

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	146	Resp:	62444
Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.9	65.7
148	63.5	32.3	96.9



#86

1,2-Dibromo-3-Chloropropane

Concen: 2.204 ug/l

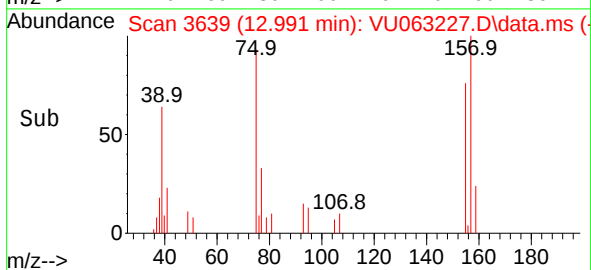
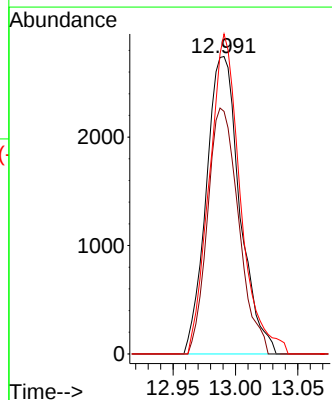
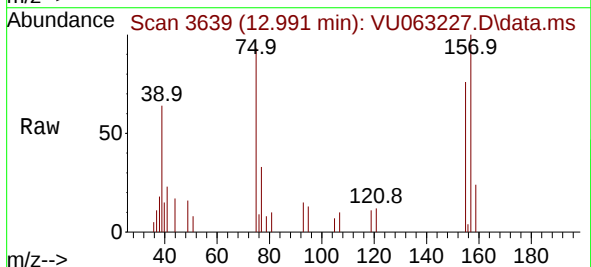
RT: 12.991 min Scan# 3639

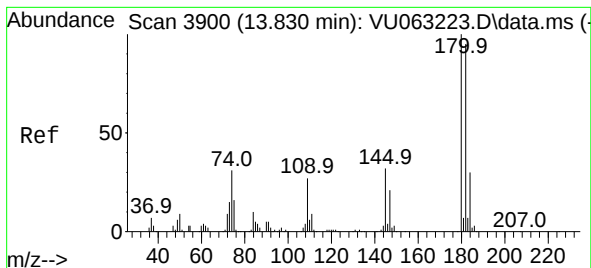
Delta R.T. 0.003 min

Lab File: VU063227.D

Acq: 10 Feb 2025 18:49

Tgt Ion:	75	Resp:	5133
Ion	Ratio	Lower	Upper
75	100		
155	76.8	63.5	95.3
157	99.6	81.8	122.6





#87

1,2,4-Trichlorobenzene

Concen: 2.171 ug/l

RT: 13.833 min Scan# 3901

Delta R.T. 0.003 min

Lab File: VU063227.D

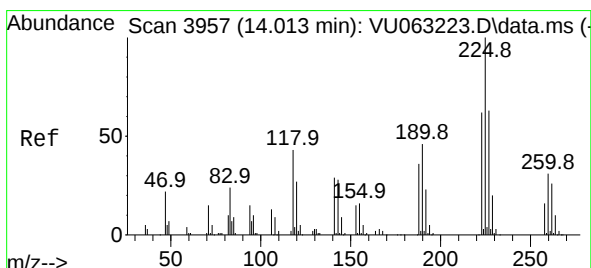
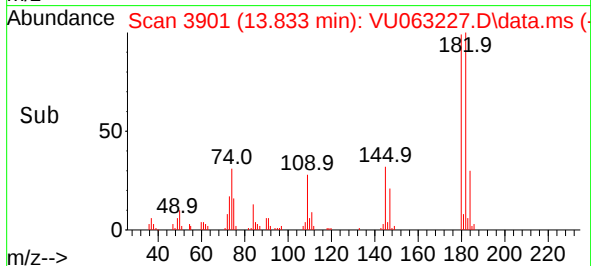
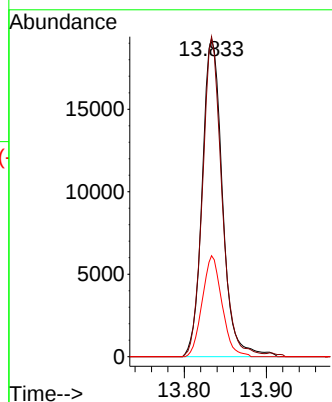
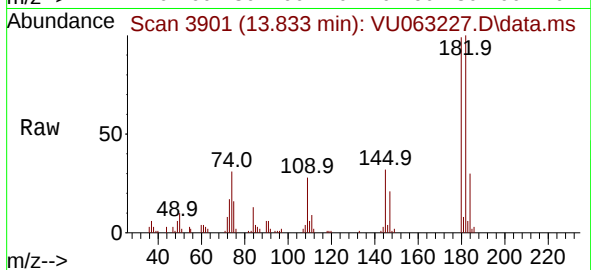
Acq: 10 Feb 2025 18:49

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180	Resp:	32964
Ion Ratio	Lower	Upper
180	100	
182	96.4	76.6 115.0
145	31.0	25.4 38.2



#88

Hexachlorobutadiene

Concen: 2.004 ug/l

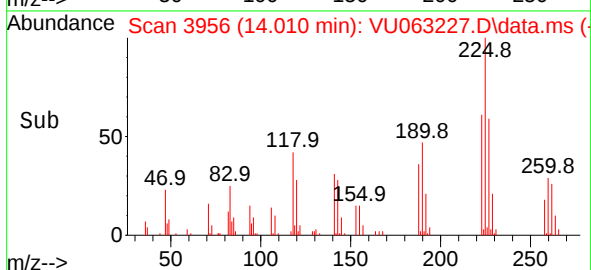
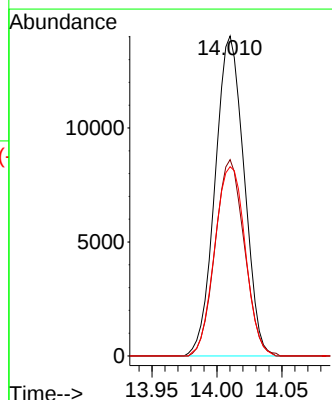
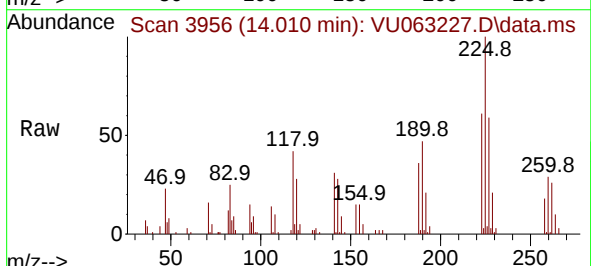
RT: 14.010 min Scan# 3956

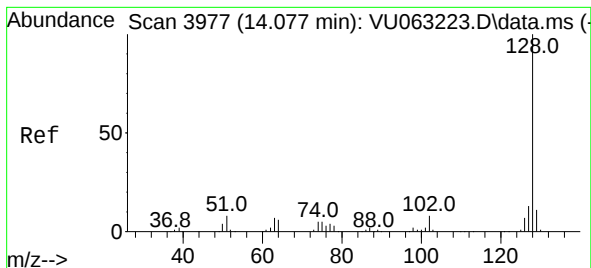
Delta R.T. -0.003 min

Lab File: VU063227.D

Acq: 10 Feb 2025 18:49

Tgt Ion:225	Resp:	21747
Ion Ratio	Lower	Upper
225	100	
223	62.0	49.5 74.3
227	62.5	51.0 76.4





#89

Naphthalene

Concen: 2.271 ug/l

RT: 14.081 min Scan# 3977

Delta R.T. 0.003 min

Lab File: VU063227.D

Acq: 10 Feb 2025 18:49

Instrument :

MSVOA_U

ClientSampleId :

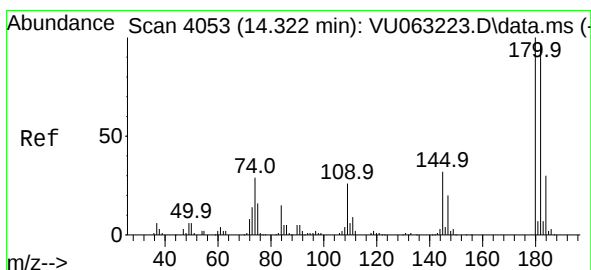
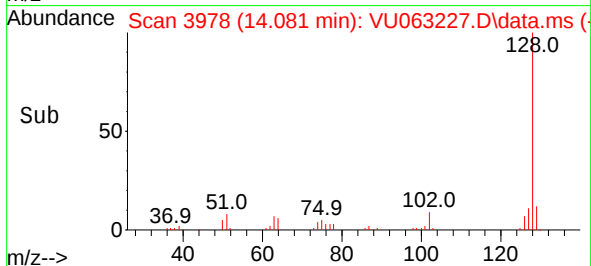
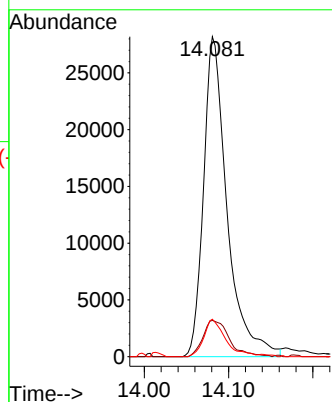
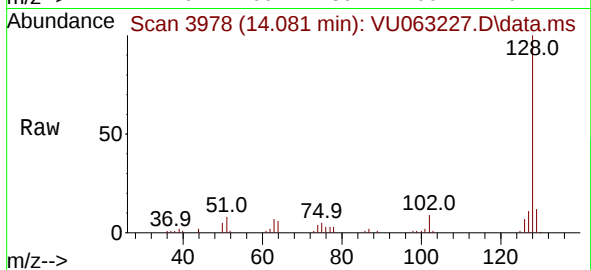
Tgt Ion:128 Resp: 54789

Ion Ratio Lower Upper

128 100

127 12.7 10.6 16.0

129 10.8 8.6 13.0



#90

1,2,3-Trichlorobenzene

Concen: 2.175 ug/l

RT: 14.322 min Scan# 4053

Delta R.T. 0.000 min

Lab File: VU063227.D

Acq: 10 Feb 2025 18:49

Tgt Ion:180 Resp: 32308

Ion Ratio Lower Upper

180 100

182 96.4 78.2 117.2

145 31.6 26.1 39.1

