

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110725\
 Data File : VU063687.D
 Acq On : 07 Nov 2025 15:45
 Operator : MD/SY
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Quant Time: Nov 08 02:36:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U103125DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Nov 03 00:51:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.084	96	54470	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.611	95	23524	0.955	ug/l	0.00
Spiked Amount	1.000		Recovery	=	95.000%	
68) 1,2-Dichlorobenzene-d4	12.171	152	22890	1.036	ug/l	0.00
Spiked Amount	1.000		Recovery	=	104.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.374	85	198353	9.675	ug/l	97
3) Chloromethane	1.509	50	182285	9.454	ug/l	99
4) Vinyl Chloride	1.589	62	197927	10.095	ug/l	98
5) Bromomethane	1.834	94	110259	9.304	ug/l	98
6) Chloroethane	1.914	64	125068	10.391	ug/l	100
7) Trichlorofluoromethane	2.117	101	300612	10.541	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.557	101	162372	10.706	ug/l	100
9) 1,1-Dichloroethene	2.557	96	153816	10.473	ug/l	98
10) Iodomethane	2.695	142	237383	10.883	ug/l	98
11) Allyl Chloride	2.895	41	227401	9.916	ug/l	99
12) Acrylonitrile	3.287	53	76865	21.158	ug/l	99
13) Acetone	2.602	43	331416	51.650	ug/l	97
14) Carbon Disulfide	2.766	76	363996	8.797	ug/l	99
15) Methylene Chloride	3.017	84	177994	9.429	ug/l	96
16) trans-1,2-Dichloroethene	3.319	96	172559	10.655	ug/l	95
17) 1,1-Dichloroethane	3.830	63	335794	10.468	ug/l	99
18) 2-Butanone	4.686	43	340768	50.065	ug/l	99
19) Cyclohexane	5.348	56	255389	10.418	ug/l	99
20) Methylcyclohexane	6.727	83	299957	9.830	ug/l	98
21) 2,2-Dichloropropane	4.628	77	283293	9.842	ug/l	98
22) cis-1,2-Dichloroethene	4.631	96	195090	10.580	ug/l	99
23) Diethyl Ether	2.358	59	124183	10.319	ug/l	99
24) tert-Butyl Alcohol	3.165	59	175962	84.832	ug/l	100
25) Methyl tert-Butyl Ether	3.342	73	440909	10.245	ug/l	99
26) Bromochloromethane	4.940	128	80891	10.400	ug/l	99
27) Chloroform	5.055	83	347549	10.588	ug/l	99
28) 1,1,1-Trichloroethane	5.280	97	301943	10.431	ug/l	100
29) 1,1-Dichloropropene	5.489	75	262916	10.819	ug/l	98
30) Carbon Tetrachloride	5.486	117	238123	10.393	ug/l	100
31) Isopropyl Ether	3.969	45	511520	10.065	ug/l	100
32) Ethyl-t-butyl ether	4.480	59	479241	9.788	ug/l	98
33) Tert-Amyl methyl ether	5.920	73	429321	10.070	ug/l	99
34) Propionitrile	4.750	54	67050	50.411	ug/l	# 95
35) Benzene	5.737	78	722851	10.554	ug/l	98
36) 1,2-Dichloroethane	5.763	62	233923	10.636	ug/l	99
37) Trichloroethene	6.509	130	196301	10.056	ug/l	96
38) 1,2-Dichloropropane	6.763	63	193257	10.082	ug/l	100
39) Methacrylonitrile	4.949	41	61325	9.262	ug/l	98
40) Methyl acrylate	4.824	55	97530	10.144	ug/l	98
41) Tetrahydrofuran	5.036	42	62240	20.893	ug/l	98
42) 1-Chlorobutane	5.422	56	357728	10.985	ug/l	100
43) Dibromomethane	6.888	93	98022	9.885	ug/l	97
44) Bromodichloromethane	7.078	83	232517	9.589	ug/l	99

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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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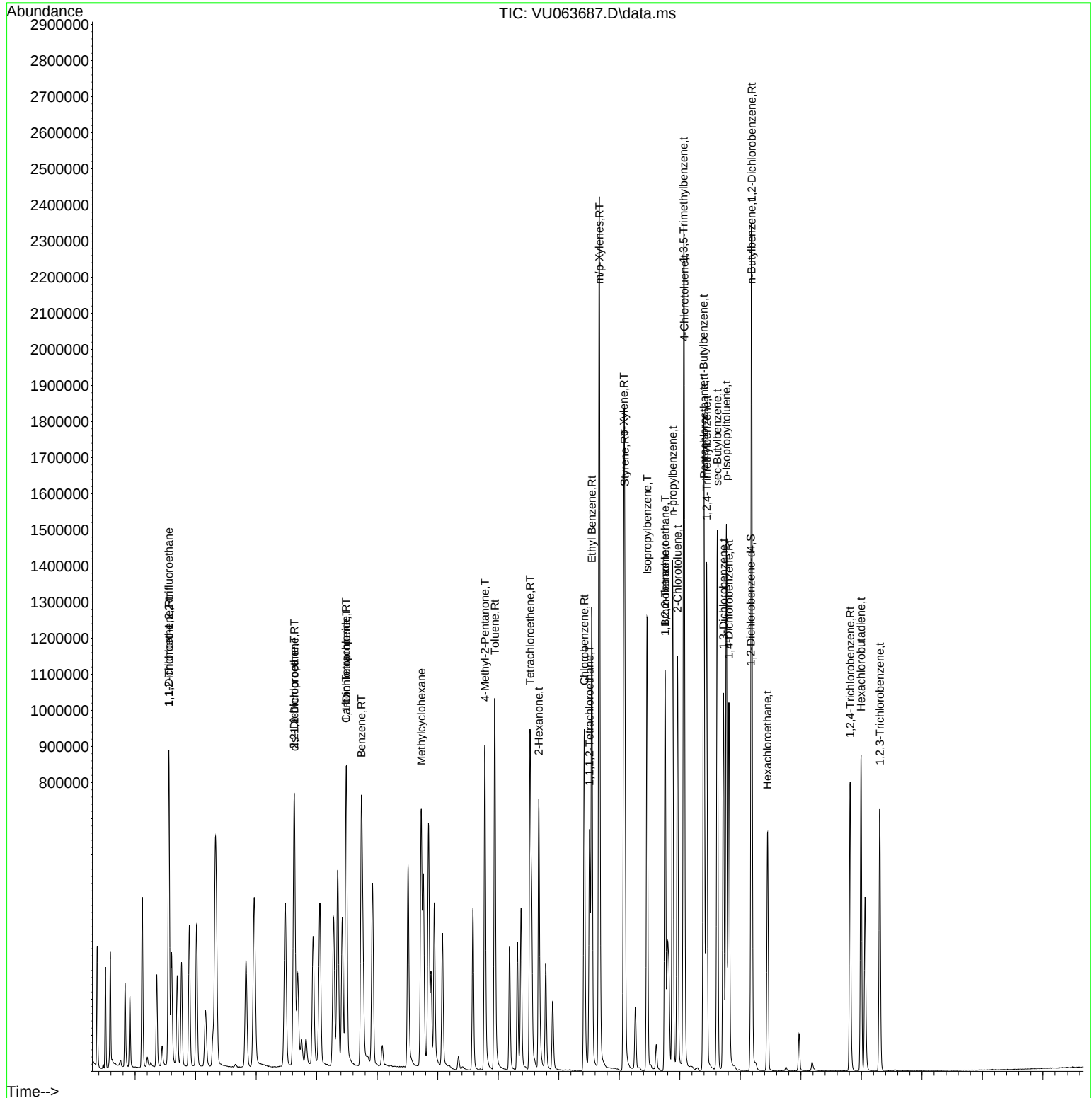
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.779	43	581736	48.651	ug/l	99
46) t-1,4-Dichloro-2-butene	10.798	75	184792	44.553	ug/l #	52
47) Methyl methacrylate	6.943	69	183186	20.078	ug/l	98
48) Ethyl methacrylate	8.316	69	183946	9.913	ug/l	97
49) Toluene	7.943	92	464636	10.059	ug/l	100
50) t-1,3-Dichloropropene	8.187	75	181725	8.623	ug/l	99
51) cis-1,3-Dichloropropene	7.583	75	246857	9.366	ug/l	99
52) 1,1,2-Trichloroethane	8.377	97	138767	10.294	ug/l	99
53) 1,3-Dichloropropane	8.550	76	239890	9.962	ug/l	100
54) 2-Hexanone	8.669	43	497940	49.325	ug/l	100
55) Dibromochloromethane	8.785	129	147634	9.301	ug/l	99
56) 1,2-Dibromoethane	8.898	107	128150	9.990	ug/l	98
58) Tetrachloroethene	8.525	164	205935	10.785	ug/l	98
59) Chlorobenzene	9.422	112	512775	10.236	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.509	131	168160	9.588	ug/l	99
61) Pentachloroethane	11.402	117	109597	9.009	ug/l	99
62) Hexachloroethane	12.447	117	118555	8.890	ug/l	98
63) Ethyl Benzene	9.544	91	919869	10.138	ug/l	99
64) m/p-Xylenes	9.669	106	699159	20.641	ug/l	100
65) o-Xylene	10.074	106	338883	10.210	ug/l	99
66) Styrene	10.091	104	555519	10.317	ug/l	100
67) Bromoform	10.264	173	75210	8.776	ug/l	98
69) Isopropylbenzene	10.460	105	836263	10.202	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.759	83	170297	10.058	ug/l	99
71) 1,2,3-Trichloropropane	10.798	75	184792	12.544	ug/l #	90
72) Bromobenzene	10.756	156	209281	10.557	ug/l	97
73) n-propylbenzene	10.882	120	243135	10.438	ug/l	99
74) 2-Chlorotoluene	10.962	126	209053	10.355	ug/l	98
75) 1,3,5-Trimethylbenzene	11.062	105	779430	10.283	ug/l	100
76) 4-Chlorotoluene	11.074	126	211989	10.459	ug/l	98
77) tert-Butylbenzene	11.393	119	741699	9.988	ug/l	99
78) 1,2,4-Trimethylbenzene	11.444	105	767211	10.546	ug/l	99
79) sec-Butylbenzene	11.618	105	1005687	10.295	ug/l	100
80) Nitrobenzene	13.184	77	13880	23.309	ug/l #	97
81) p-Isopropyltoluene	11.769	119	829227	10.367	ug/l	99
82) 1,3-Dichlorobenzene	11.721	146	404214	10.528	ug/l	100
83) 1,4-Dichlorobenzene	11.811	146	403585	10.579	ug/l	99
84) n-Butylbenzene	12.184	91	751256	10.479	ug/l	100
85) 1,2-Dichlorobenzene	12.187	146	382151	10.524	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.968	75	25177	8.974	ug/l	99
87) 1,2,4-Trichlorobenzene	13.814	180	238907	10.679	ug/l	99
88) Hexachlorobutadiene	13.994	225	145920	10.956	ug/l	99
89) Naphthalene	14.058	128	398932	9.269	ug/l	100
90) 1,2,3-Trichlorobenzene	14.303	180	220599	10.786	ug/l	98

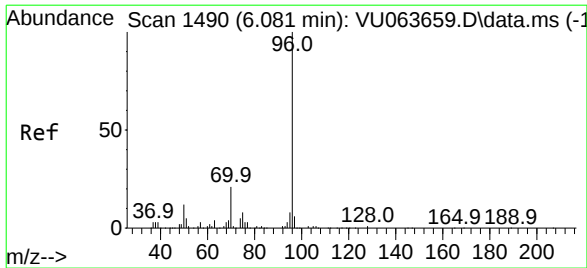
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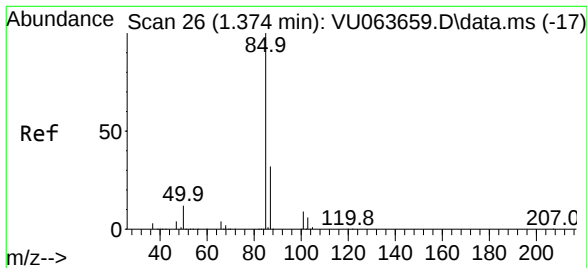
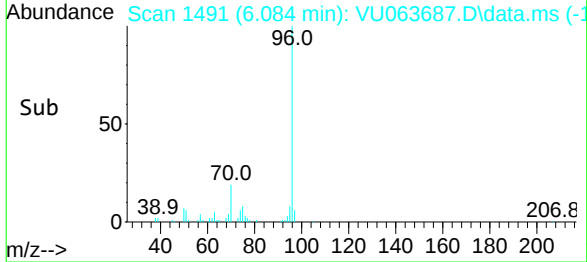
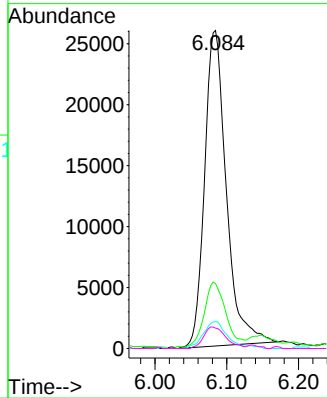
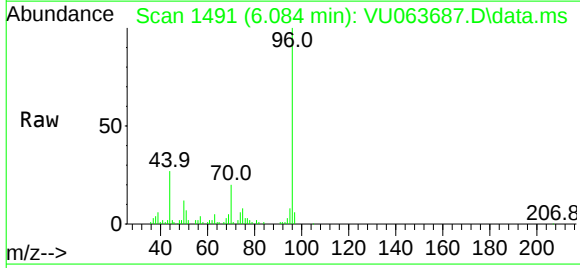




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.084 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU063687.D
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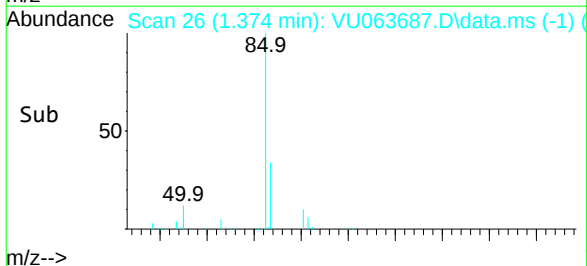
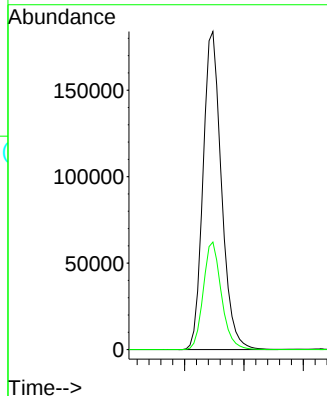
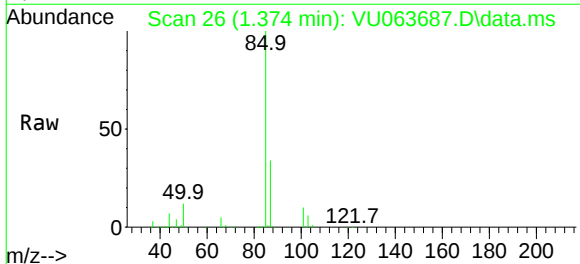
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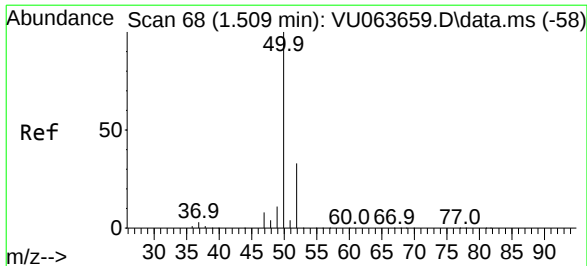
Tgt Ion:	96	Resp:	54470
Ion	Ratio	Lower	Upper
96	100		
70	17.7	15.3	22.9
95	8.2	6.5	9.7
97	0.0	0.0	0.0



#2
Dichlorodifluoromethane
Concen: 9.675 ug/l
RT: 1.374 min Scan# 26
Delta R.T. 0.000 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

Tgt Ion:	85	Resp:	198353
Ion	Ratio	Lower	Upper
85	100		
87	33.8	16.0	47.9

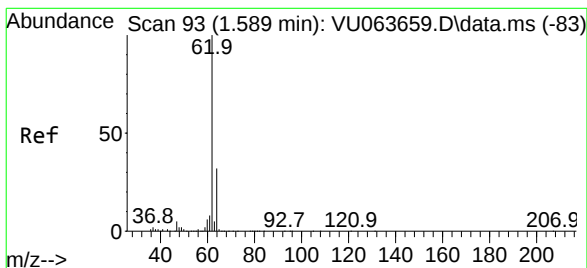
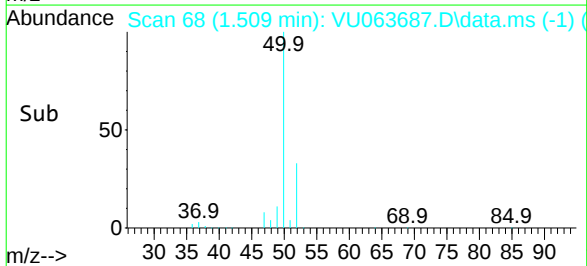
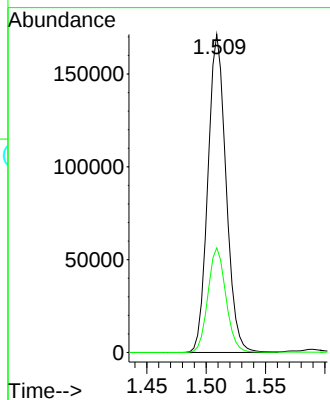
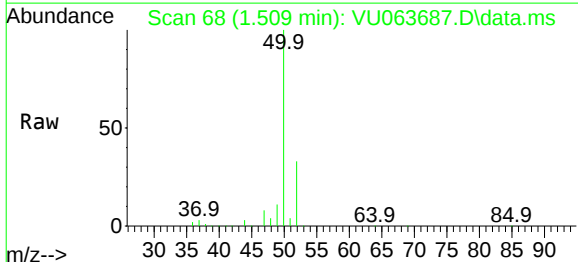




#3
Chloromethane
Concen: 9.454 ug/l
RT: 1.509 min Scan# 68
Delta R.T. 0.000 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

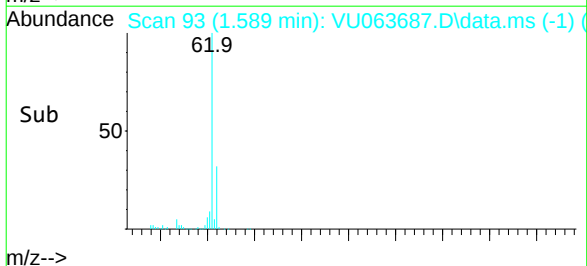
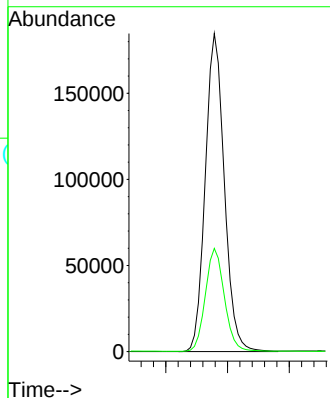
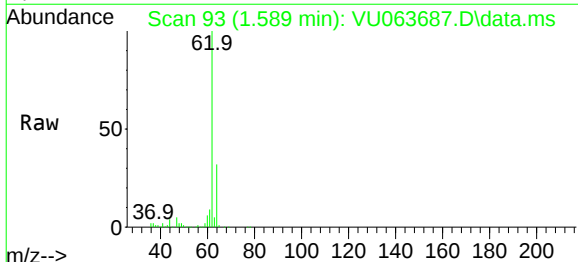
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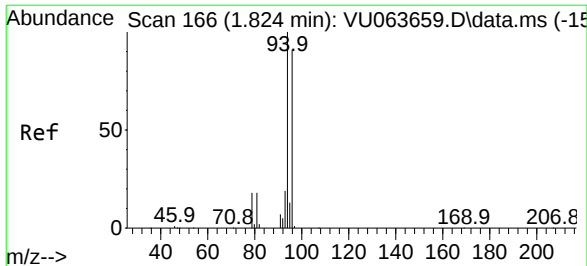
Tgt Ion: 50 Resp: 182285
Ion Ratio Lower Upper
50 100
52 32.9 26.6 40.0



#4
Vinyl Chloride
Concen: 10.095 ug/l
RT: 1.589 min Scan# 93
Delta R.T. 0.000 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

Tgt Ion: 62 Resp: 197927
Ion Ratio Lower Upper
62 100
64 32.4 25.2 37.8

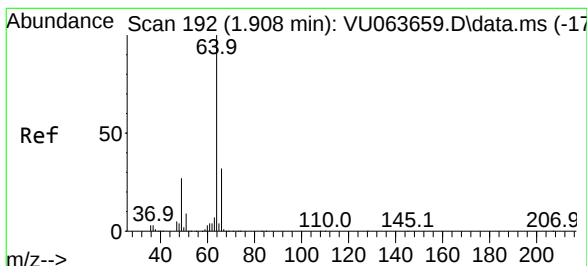
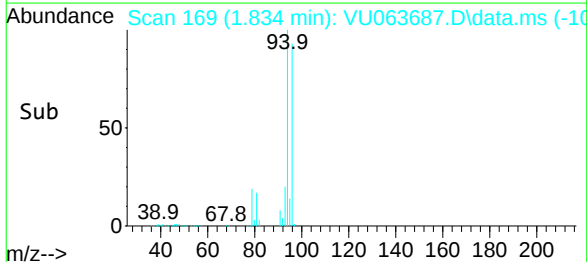
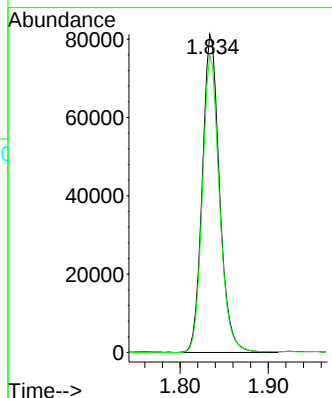
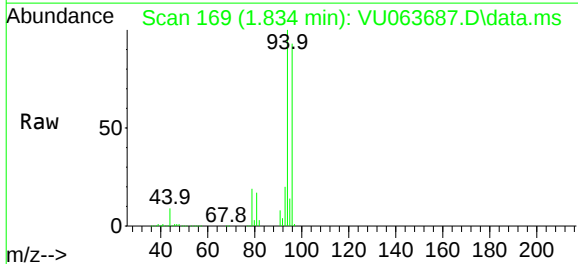




#5
Bromomethane
Concen: 9.304 ug/l
RT: 1.834 min Scan# 16
Delta R.T. 0.010 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

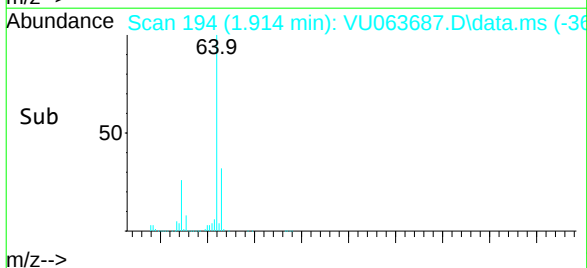
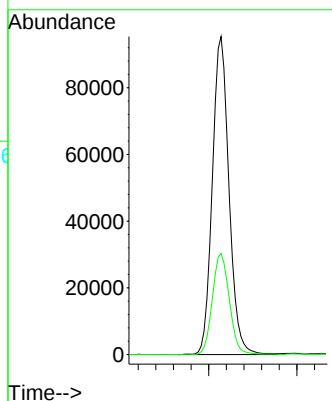
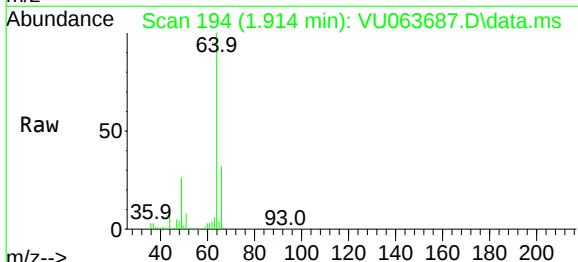
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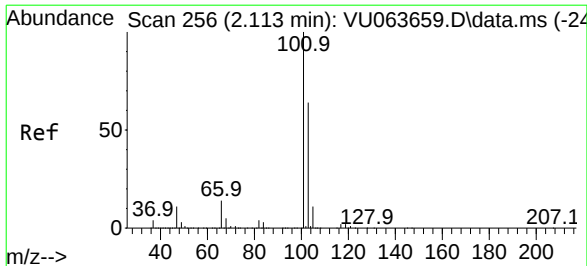
Tgt Ion: 94 Resp: 110259
Ion Ratio Lower Upper
94 100
96 93.4 73.0 109.6



#6
Chloroethane
Concen: 10.391 ug/l
RT: 1.914 min Scan# 194
Delta R.T. 0.006 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

Tgt Ion: 64 Resp: 125068
Ion Ratio Lower Upper
64 100
66 31.8 25.4 38.2





#7

Trichlorofluoromethane

Concen: 10.541 ug/l

RT: 2.117 min Scan# 25

Delta R.T. 0.003 min

Lab File: VU063687.D

Acq: 07 Nov 2025 15:45

Instrument :

MSVOA_U

ClientSampleId :

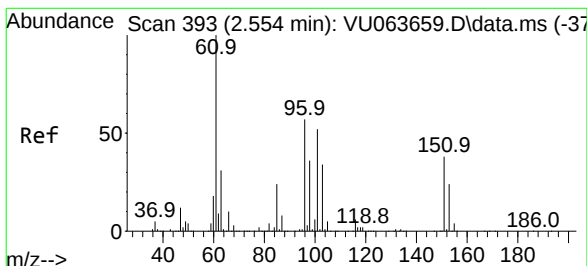
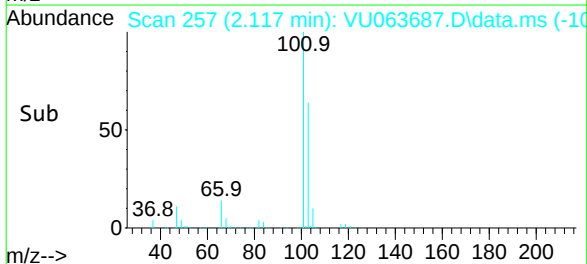
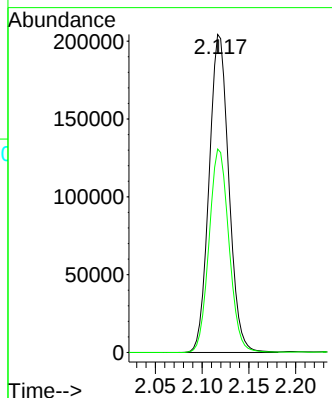
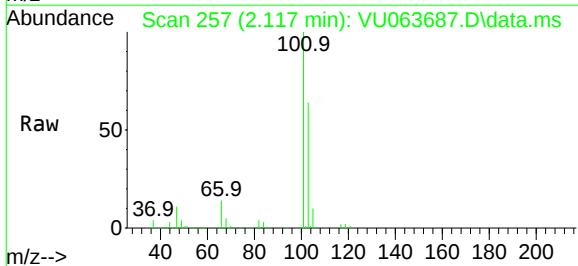
VSTDCCC010EC

Tgt Ion:101 Resp: 300612

Ion Ratio Lower Upper

101 100

103 64.0 51.0 76.6



#8

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 10.706 ug/l

RT: 2.557 min Scan# 394

Delta R.T. 0.003 min

Lab File: VU063687.D

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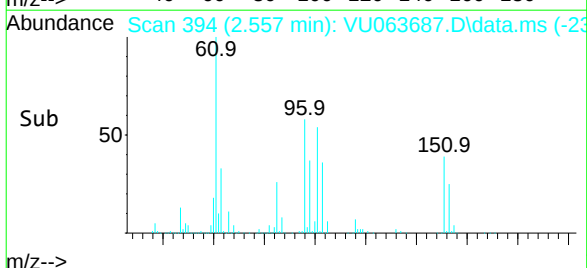
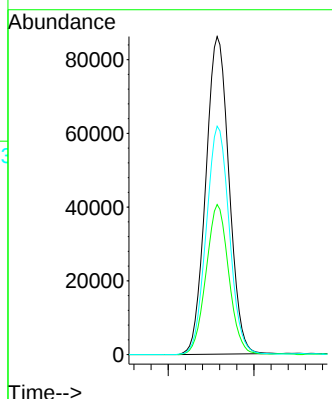
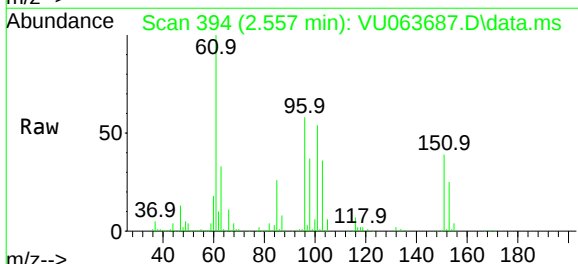
Tgt Ion:101 Resp: 162372

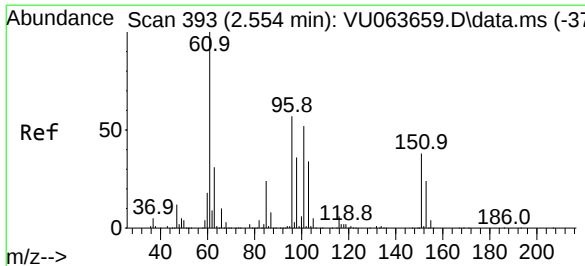
Ion Ratio Lower Upper

101 100

85 46.0 37.0 55.4

151 71.5 57.2 85.8

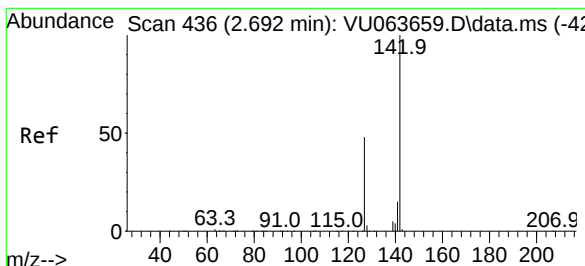
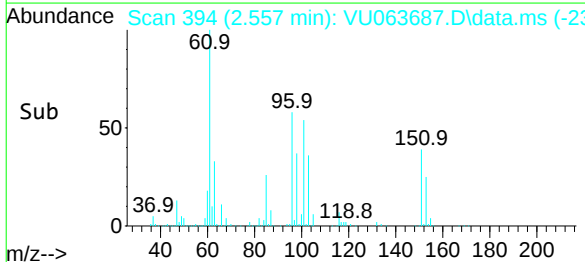
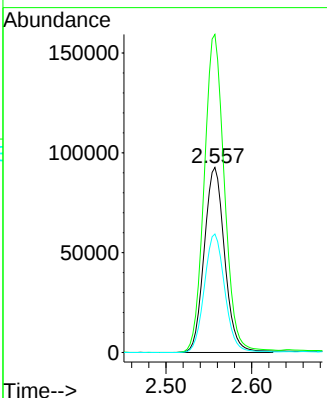
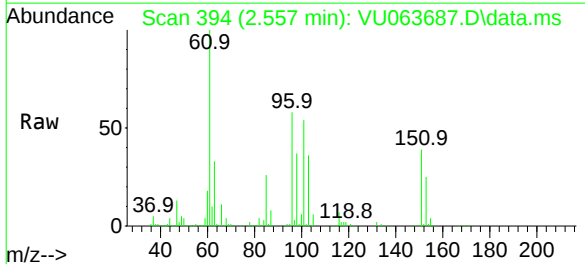




#9
1,1-Dichloroethene
Concen: 10.473 ug/l
RT: 2.557 min Scan# 39
Delta R.T. 0.003 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

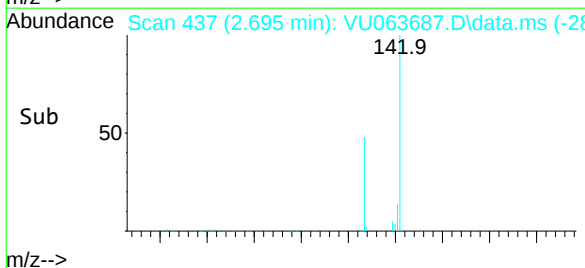
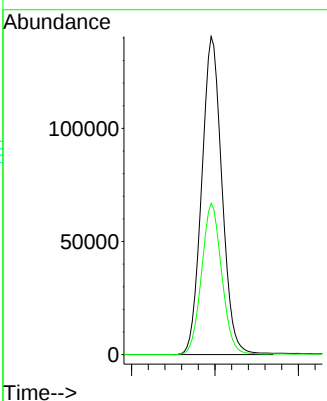
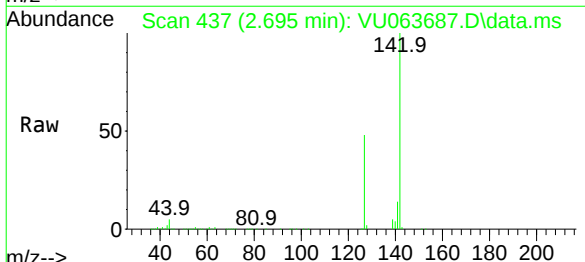
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MSVOA_U
ClientSampleId :
VSTDCCC010EC

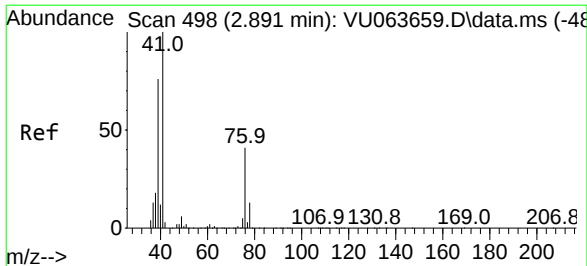
Tgt Ion: 96 Resp: 153816
Ion Ratio Lower Upper
96 100
61 171.9 0.0 524.7
98 64.0 0.0 126.8



#10
Iodomethane
Concen: 10.883 ug/l
RT: 2.695 min Scan# 437
Delta R.T. 0.003 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

Tgt Ion: 142 Resp: 237383
Ion Ratio Lower Upper
142 100
127 47.3 38.6 58.0

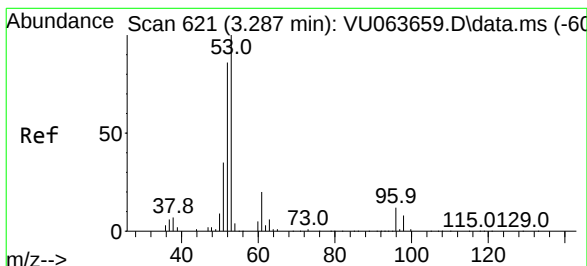
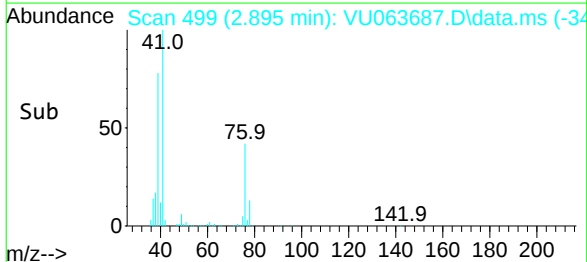
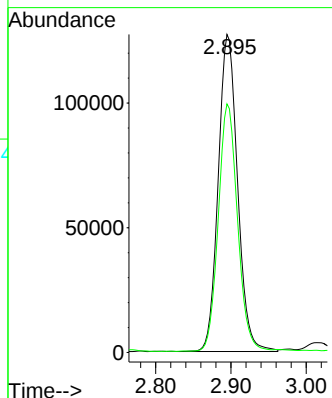
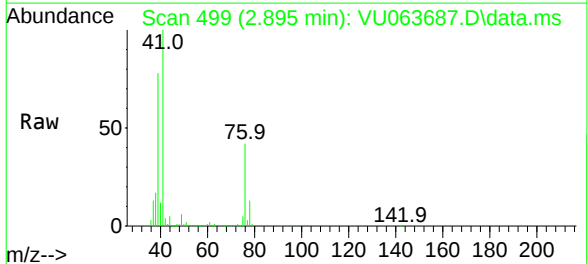




#11
 Allyl Chloride
 Concen: 9.916 ug/l
 RT: 2.895 min Scan# 49
 Delta R.T. 0.003 min
 Lab File: VU063687.D
 Acq: 07 Nov 2025 15:45

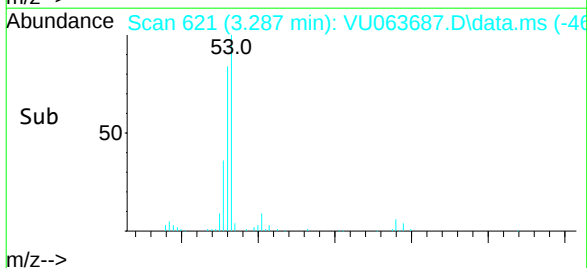
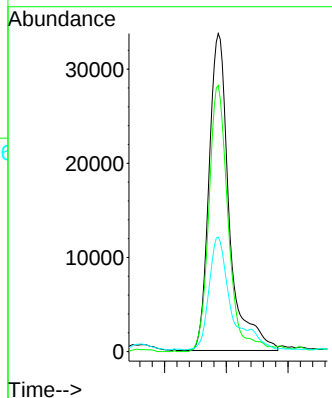
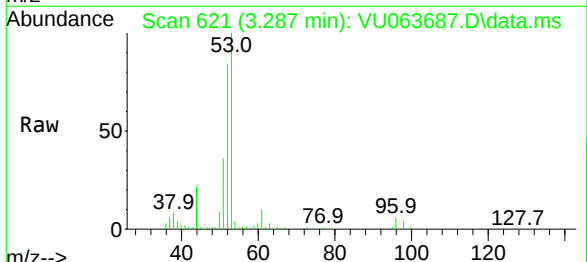
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

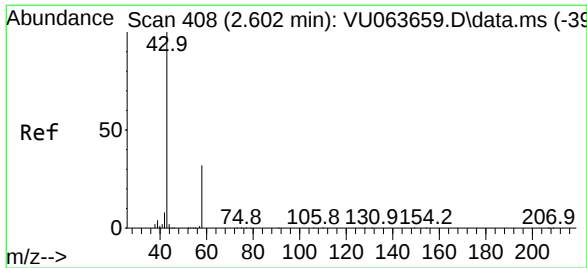
Tgt Ion: 41 Resp: 227401
 Ion Ratio Lower Upper
 41 100
 39 77.3 61.0 91.4



#12
 Acrylonitrile
 Concen: 21.158 ug/l
 RT: 3.287 min Scan# 621
 Delta R.T. 0.000 min
 Lab File: VU063687.D
 Acq: 07 Nov 2025 15:45

Tgt Ion: 53 Resp: 76865
 Ion Ratio Lower Upper
 53 100
 52 80.6 65.4 98.0
 51 35.3 27.6 41.4





#13

Acetone

Concen: 51.650 ug/l

RT: 2.602 min Scan# 408

Delta R.T. 0.000 min

Lab File: VU063687.D

Acq: 07 Nov 2025 15:45

Instrument :

MSVOA_U

ClientSampleId :

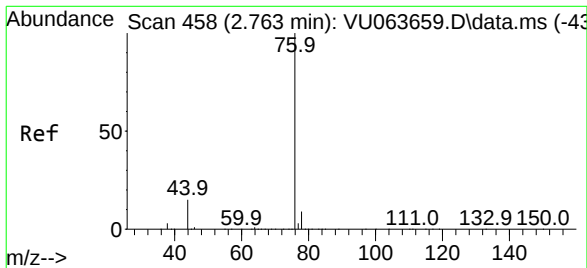
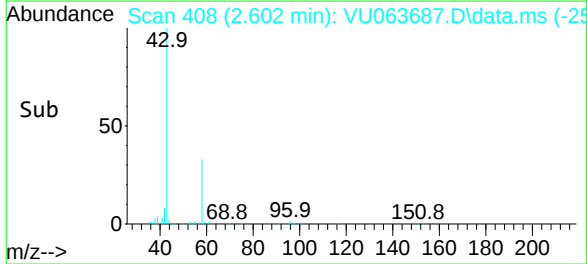
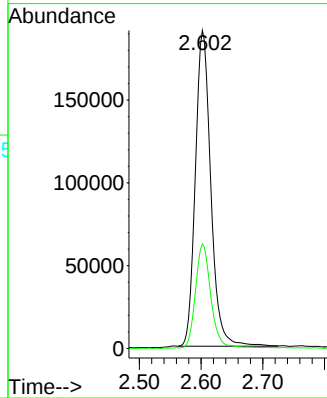
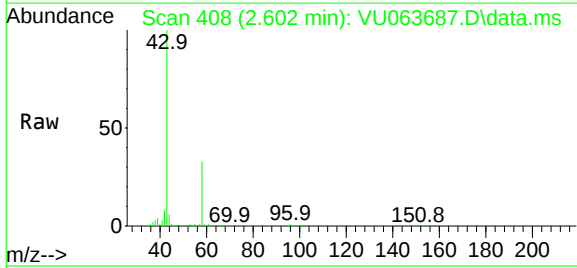
VSTDCCC010EC

Tgt Ion: 43 Resp: 331416

Ion Ratio Lower Upper

43 100

58 33.0 25.2 37.8



#14

Carbon Disulfide

Concen: 8.797 ug/l

RT: 2.766 min Scan# 459

Delta R.T. 0.003 min

Lab File: VU063687.D

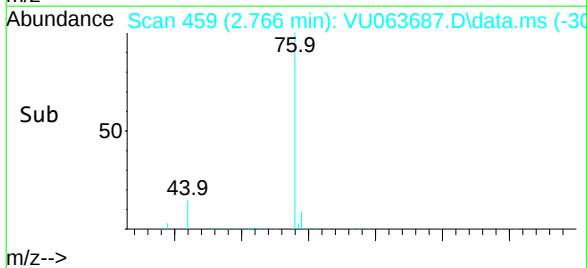
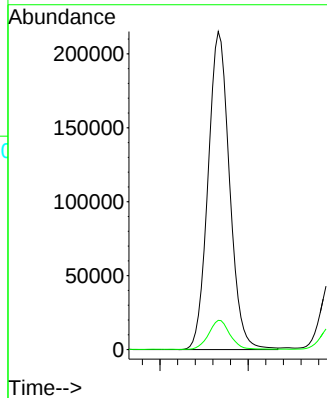
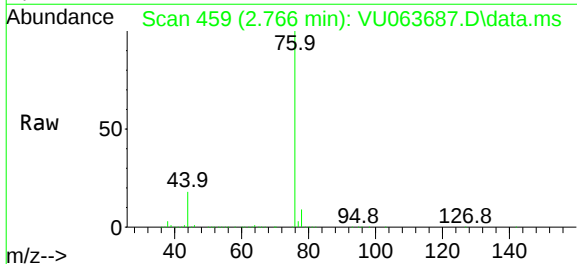
Acq: 07 Nov 2025 15:45

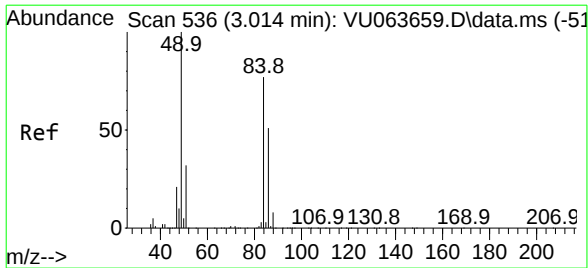
Tgt Ion: 76 Resp: 363996

Ion Ratio Lower Upper

76 100

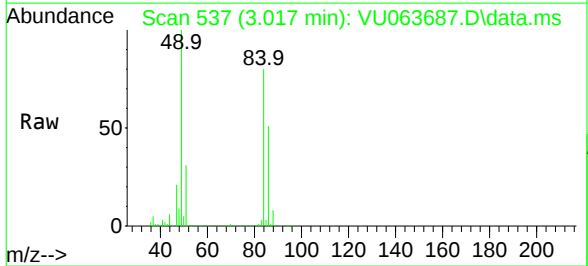
78 9.1 7.5 11.3



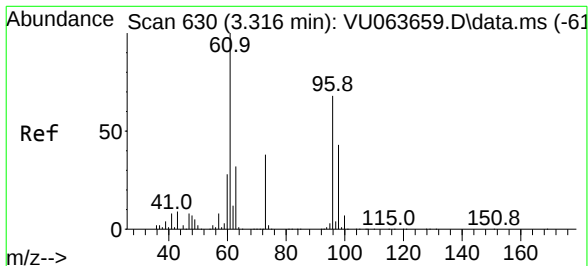
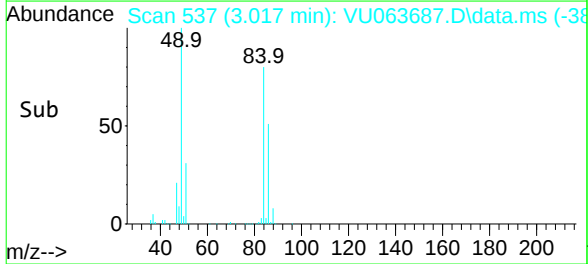
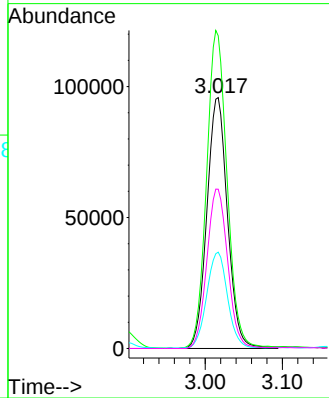


#15
Methylene Chloride
Concen: 9.429 ug/l
RT: 3.017 min Scan# 531
Delta R.T. 0.003 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

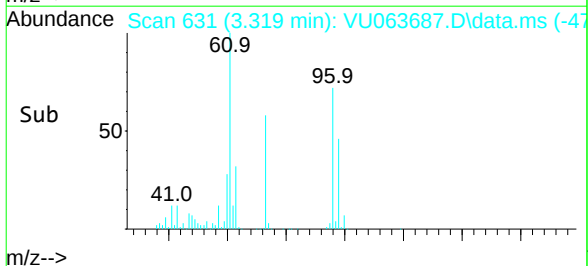
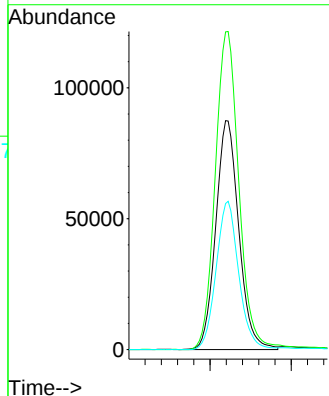
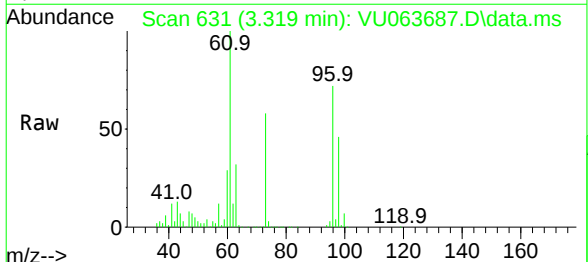


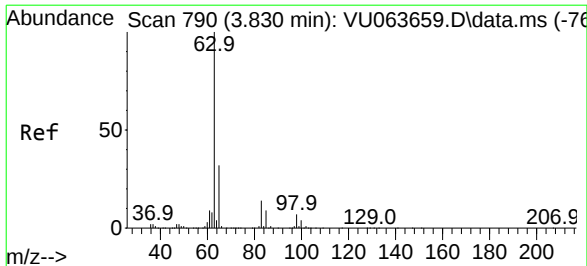
Tgt Ion: 84 Resp: 177994
Ion Ratio Lower Upper
84 100
49 124.5 103.4 155.0
51 38.2 0.0 81.6
86 63.5 52.5 78.7



#16
trans-1,2-Dichloroethene
Concen: 10.655 ug/l
RT: 3.319 min Scan# 631
Delta R.T. 0.003 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

Tgt Ion: 96 Resp: 172559
Ion Ratio Lower Upper
96 100
61 138.8 117.4 176.2
98 63.8 49.9 74.9

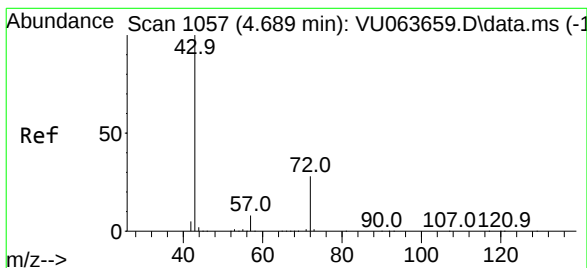
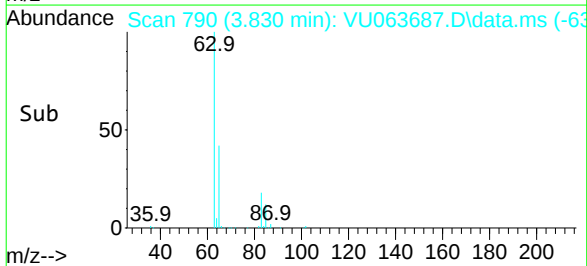
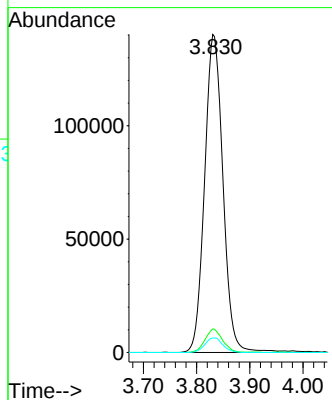
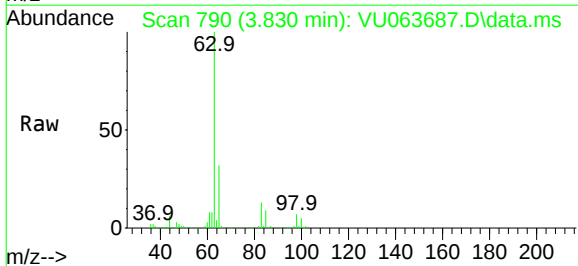




#17
1,1-Dichloroethane
Concen: 10.468 ug/l
RT: 3.830 min Scan# 790
Delta R.T. 0.000 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

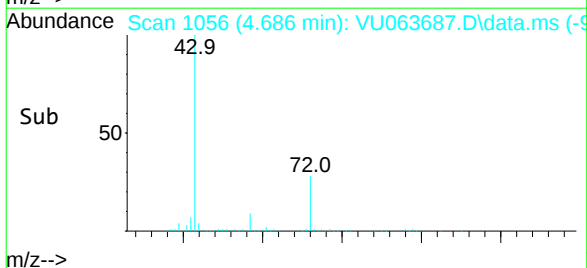
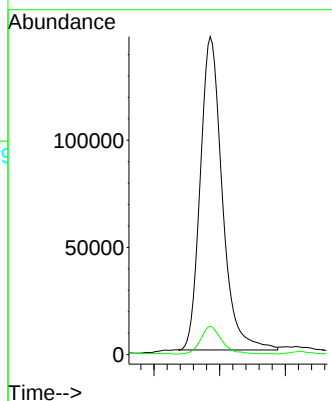
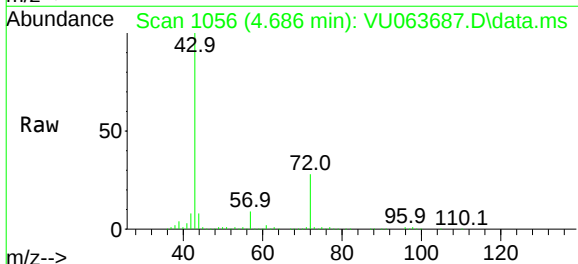
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

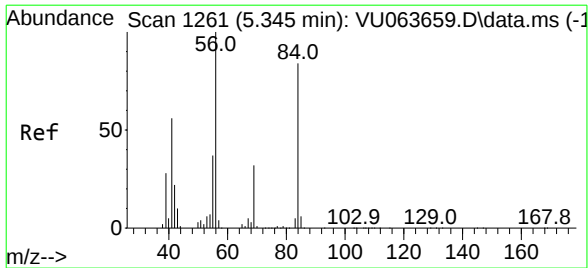
Tgt Ion: 63 Resp: 335794
Ion Ratio Lower Upper
63 100
98 7.4 3.5 10.5
100 4.5 2.2 6.6



#18
2-Butanone
Concen: 50.065 ug/l
RT: 4.686 min Scan# 1056
Delta R.T. -0.003 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

Tgt Ion: 43 Resp: 340768
Ion Ratio Lower Upper
43 100
57 8.8 0.0 16.6

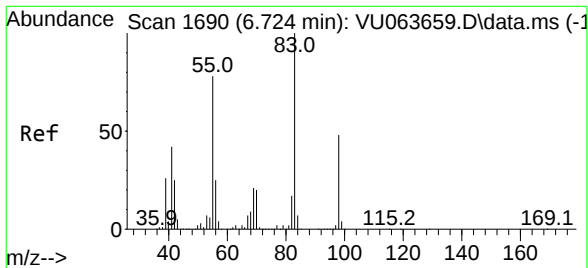
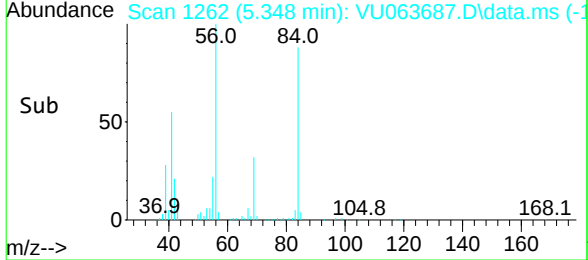
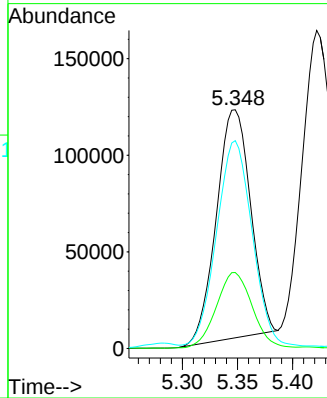
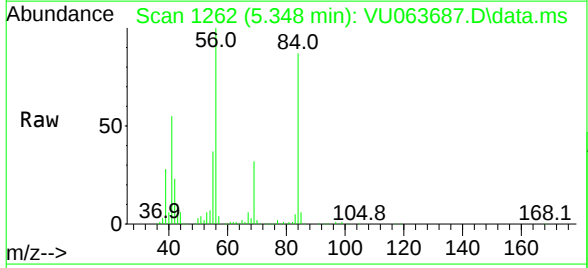




#19
Cyclohexane
Concen: 10.418 ug/l
RT: 5.348 min Scan# 1261
Delta R.T. 0.003 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

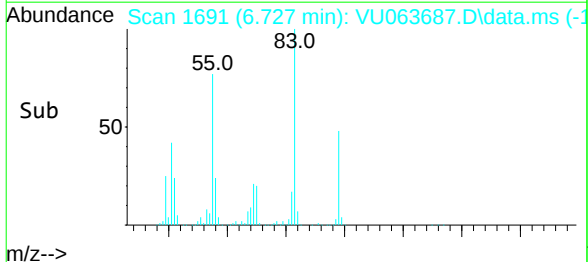
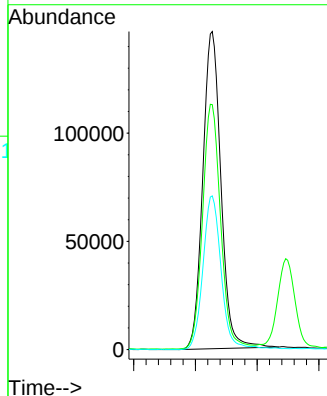
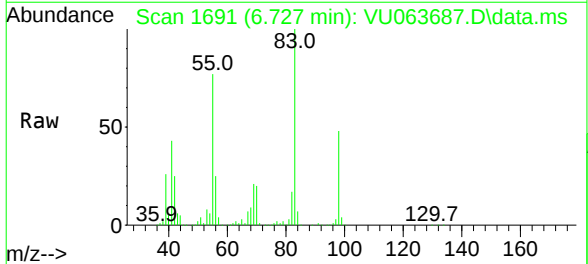
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

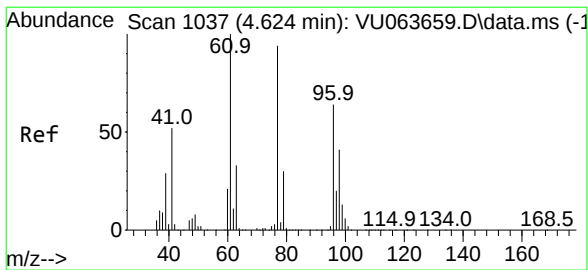
Tgt Ion:	56	Resp:	255389
Ion	Ratio	Lower	Upper
56	100		
69	34.0	27.1	40.7
84	92.9	73.4	110.0



#20
Methylcyclohexane
Concen: 9.830 ug/l
RT: 6.727 min Scan# 1691
Delta R.T. 0.003 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

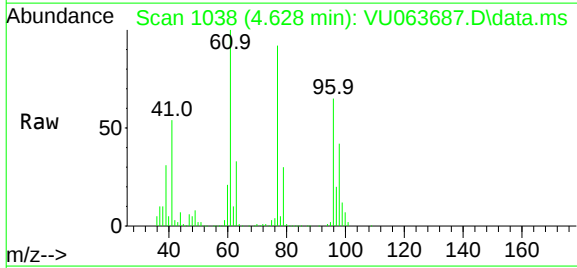
Tgt Ion:	83	Resp:	299957
Ion	Ratio	Lower	Upper
83	100		
55	74.7	61.5	92.3
98	46.5	37.9	56.9



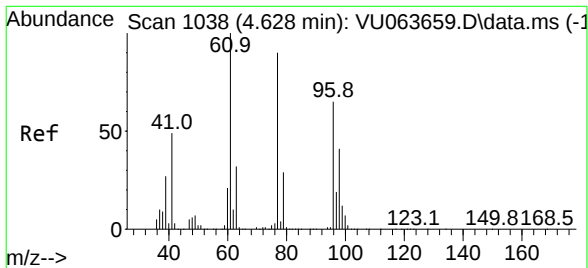
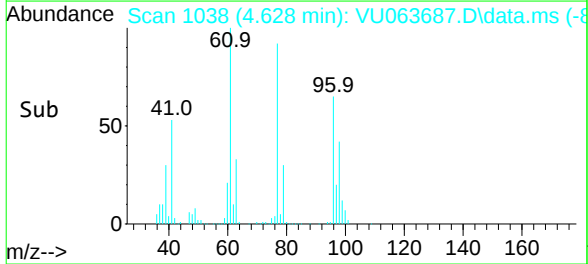
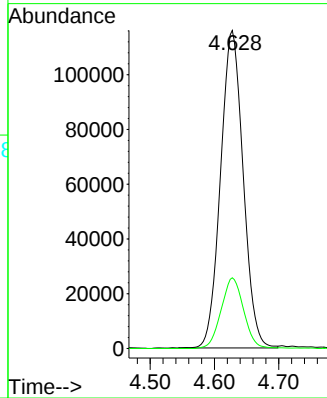


#21
2,2-Dichloropropane
Concen: 9.842 ug/l
RT: 4.628 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

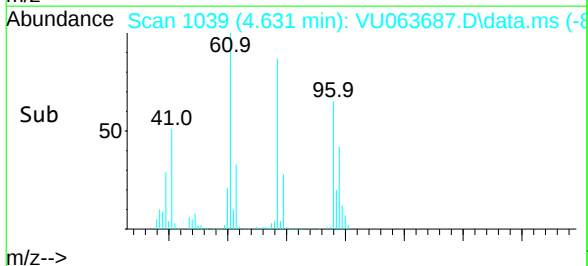
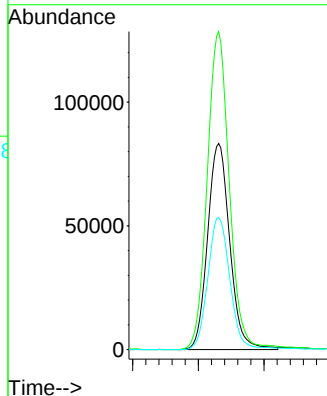
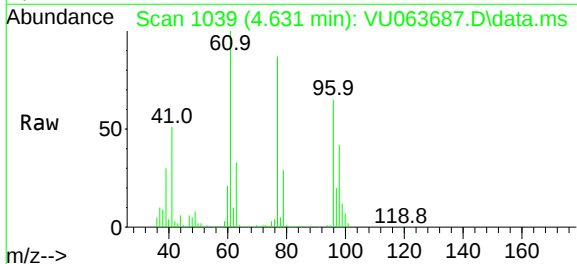


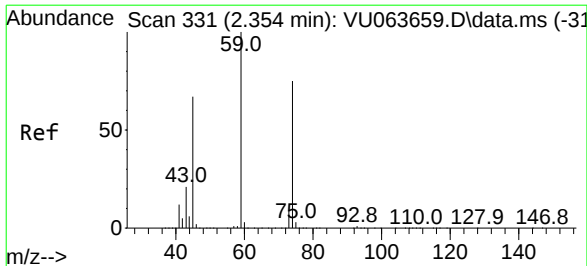
Tgt Ion: 77 Resp: 283293
Ion Ratio Lower Upper
77 100
97 22.2 17.1 25.7



#22
cis-1,2-Dichloroethene
Concen: 10.580 ug/l
RT: 4.631 min Scan# 1039
Delta R.T. 0.003 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

Tgt Ion: 96 Resp: 195090
Ion Ratio Lower Upper
96 100
61 152.6 0.0 385.0
98 64.3 31.3 93.9





#23

Diethyl Ether

Concen: 10.319 ug/l

RT: 2.358 min Scan# 331

Delta R.T. 0.003 min

Lab File: VU063687.D

Acq: 07 Nov 2025 15:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

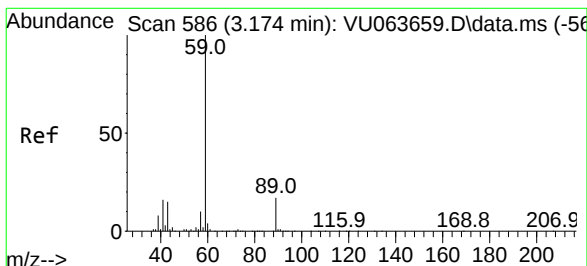
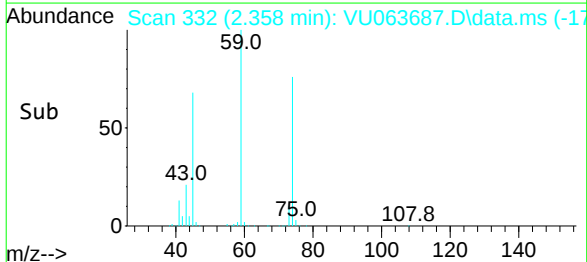
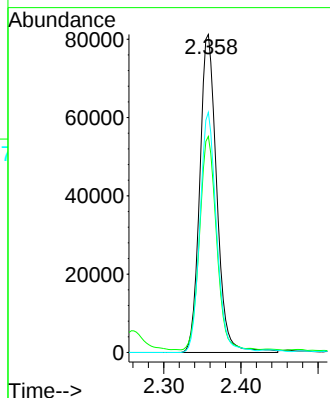
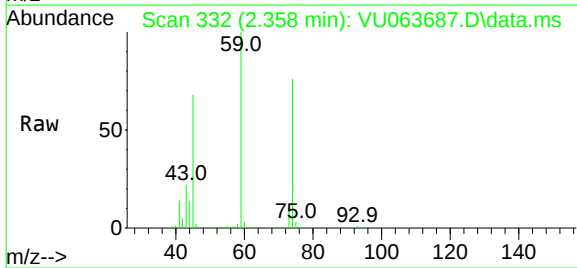
Tgt Ion: 59 Resp: 124183

Ion Ratio Lower Upper

59 100

45 66.3 52.6 78.8

74 74.0 59.4 89.2



#24

tert-Butyl Alcohol

Concen: 84.832 ug/l

RT: 3.165 min Scan# 583

Delta R.T. -0.010 min

Lab File: VU063687.D

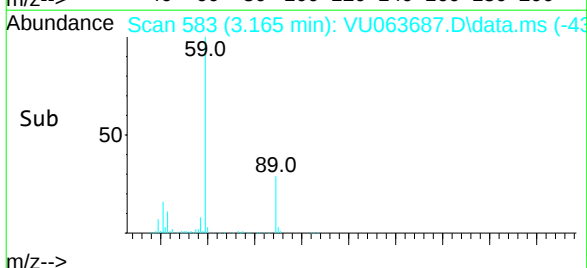
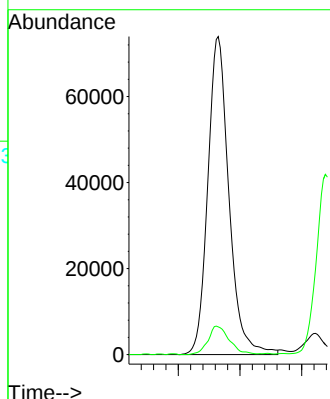
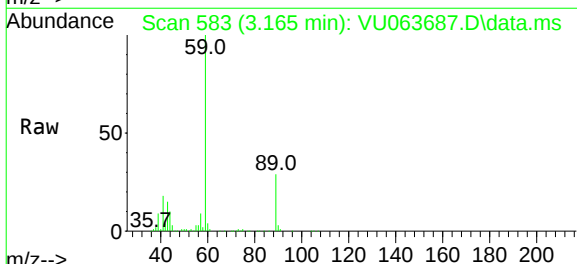
Acq: 07 Nov 2025 15:45

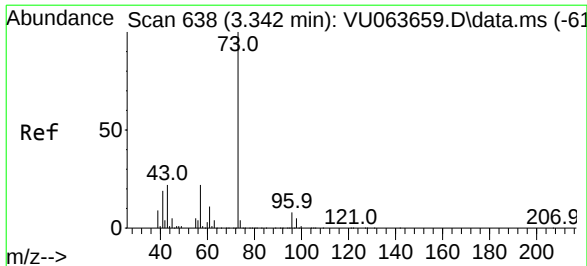
Tgt Ion: 59 Resp: 175962

Ion Ratio Lower Upper

59 100

57 9.1 7.2 10.8

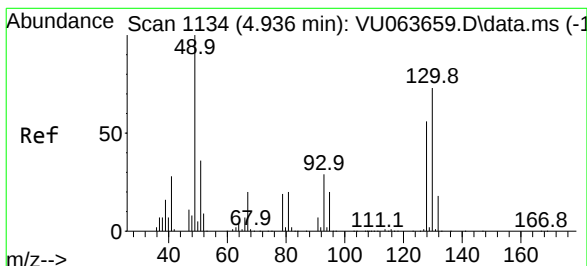
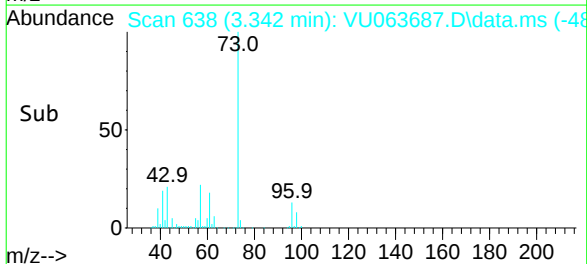
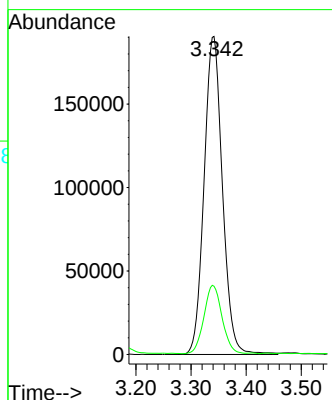
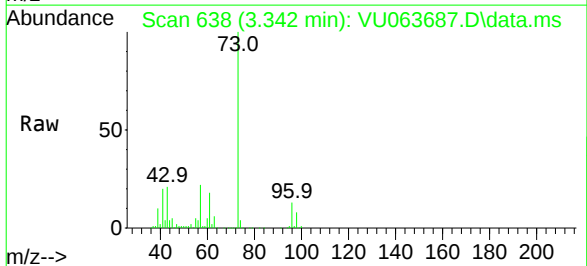




#25
Methyl tert-Butyl Ether
Concen: 10.245 ug/l
RT: 3.342 min Scan# 638
Delta R.T. 0.000 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

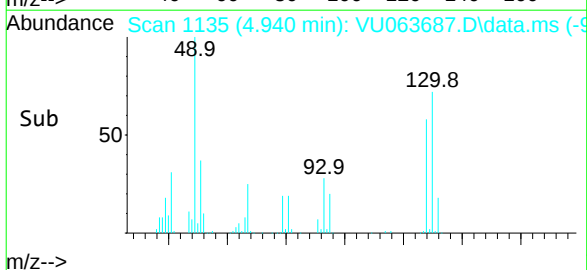
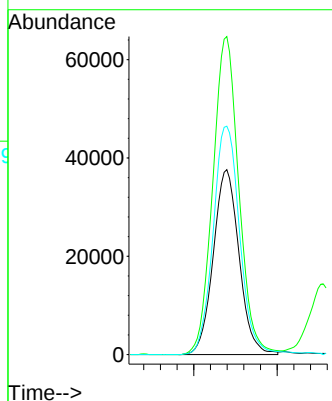
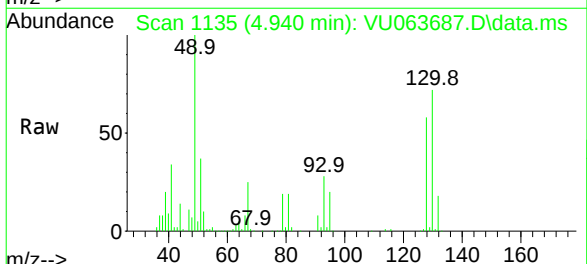
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

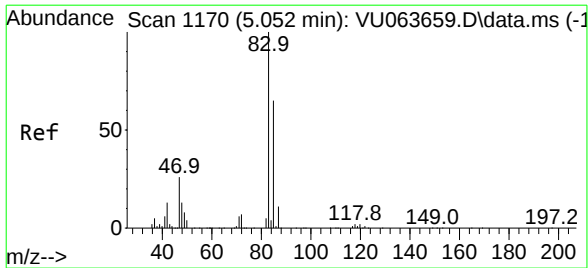
Tgt Ion: 73 Resp: 440909
Ion Ratio Lower Upper
73 100
43 21.1 17.4 26.0



#26
Bromochloromethane
Concen: 10.400 ug/l
RT: 4.940 min Scan# 1135
Delta R.T. 0.003 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

Tgt Ion: 128 Resp: 80891
Ion Ratio Lower Upper
128 100
49 173.1 0.0 349.6
130 127.6 102.7 154.1

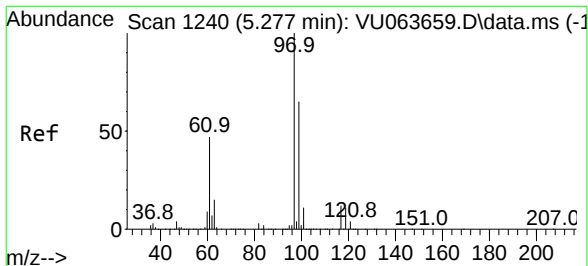
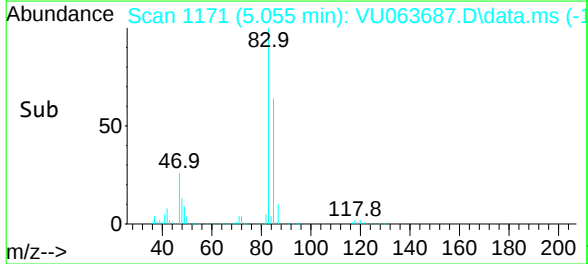
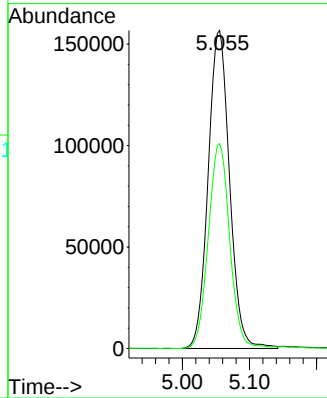
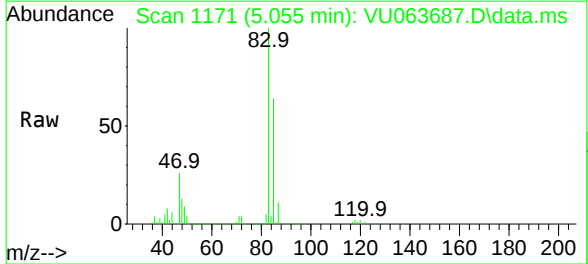




#27
Chloroform
Concen: 10.588 ug/l
RT: 5.055 min Scan# 1170
Delta R.T. 0.003 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

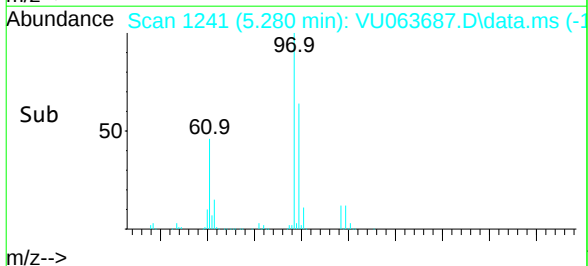
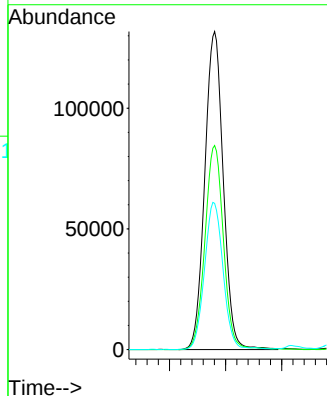
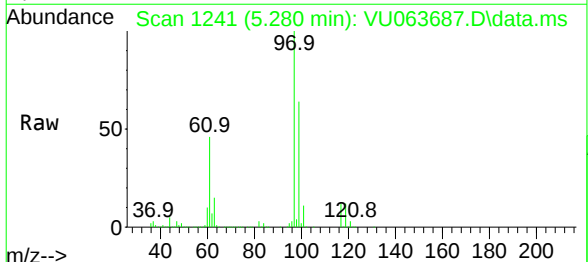
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

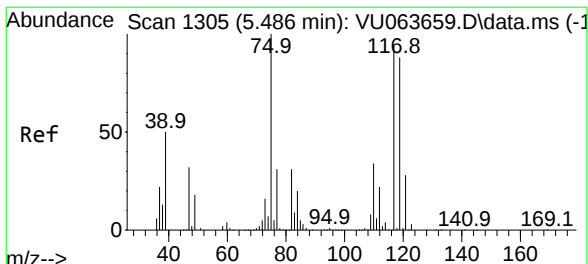
Tgt Ion: 83 Resp: 347549
Ion Ratio Lower Upper
83 100
85 64.4 0.0 130.8



#28
1,1,1-Trichloroethane
Concen: 10.431 ug/l
RT: 5.280 min Scan# 1241
Delta R.T. 0.003 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

Tgt Ion: 97 Resp: 301943
Ion Ratio Lower Upper
97 100
99 64.1 32.3 96.8
61 46.3 23.3 69.8

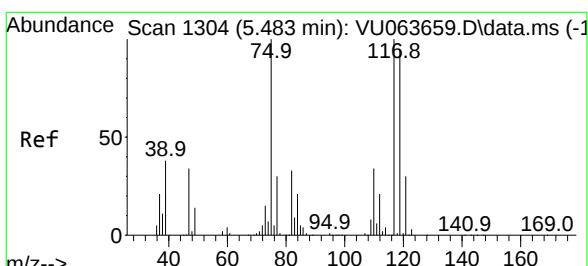
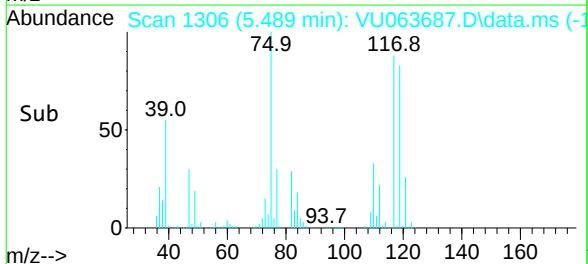
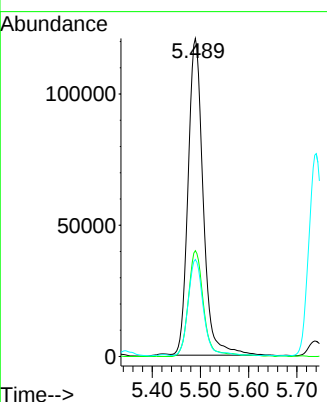
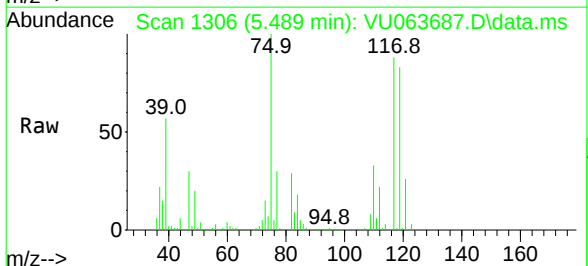




#29
 1,1-Dichloropropene
 Concen: 10.819 ug/l
 RT: 5.489 min Scan# 1306
 Delta R.T. 0.003 min
 Lab File: VU063687.D
 Acq: 07 Nov 2025 15:45

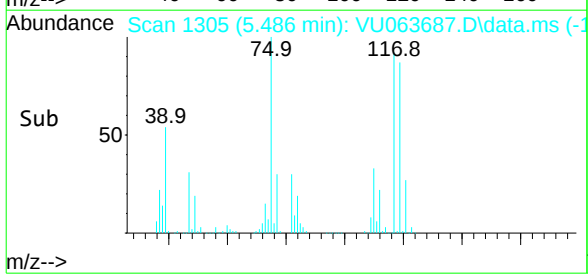
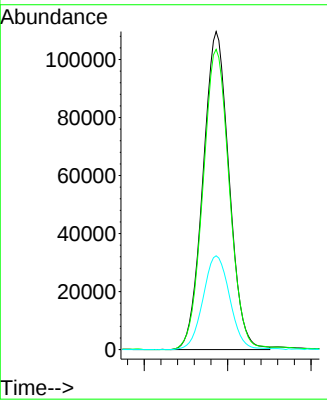
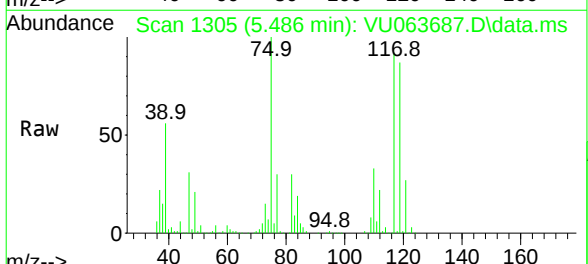
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

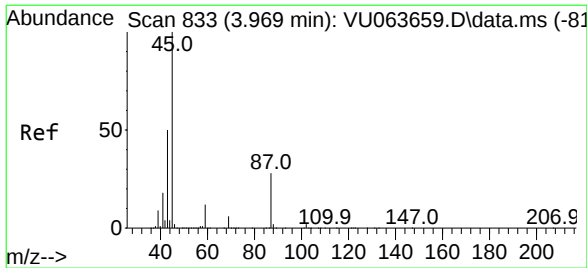
Tgt Ion:	75	Resp:	262916
Ion	Ratio	Lower	Upper
75	100		
110	33.0	17.2	51.5
77	29.7	24.5	36.7



#30
 Carbon Tetrachloride
 Concen: 10.393 ug/l
 RT: 5.486 min Scan# 1305
 Delta R.T. 0.003 min
 Lab File: VU063687.D
 Acq: 07 Nov 2025 15:45

Tgt Ion:	117	Resp:	238123
Ion	Ratio	Lower	Upper
117	100		
119	94.4	75.7	113.5
121	29.5	23.8	35.6

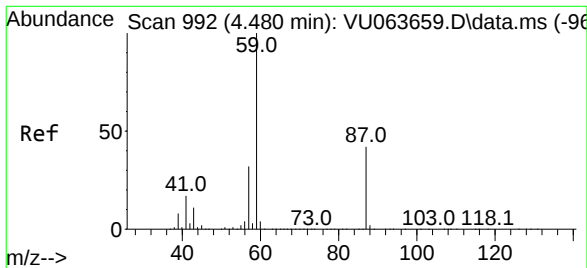
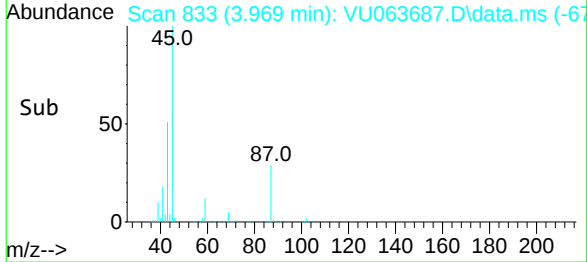
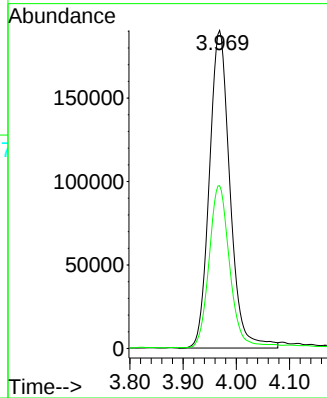
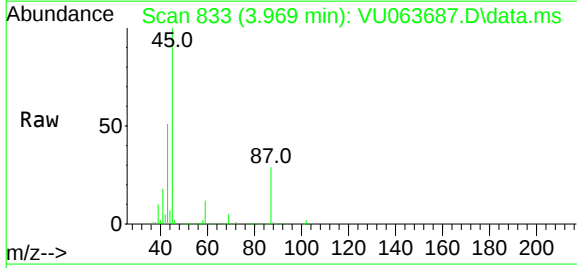




#31
Isopropyl Ether
Concen: 10.065 ug/l
RT: 3.969 min Scan# 833
Delta R.T. 0.000 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

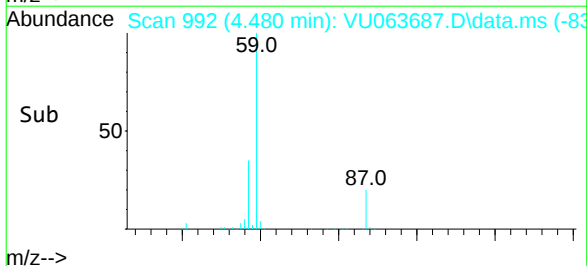
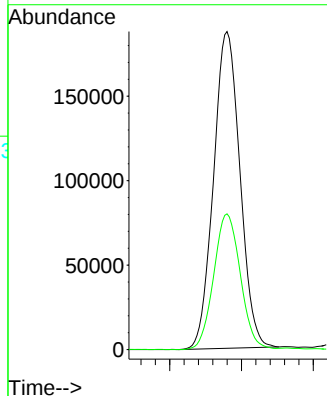
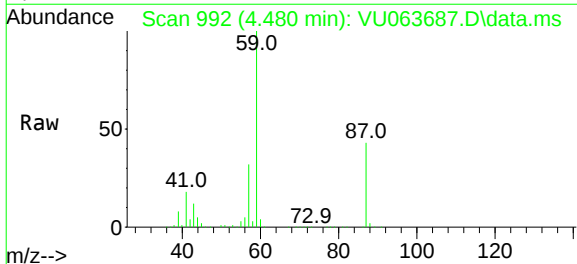
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

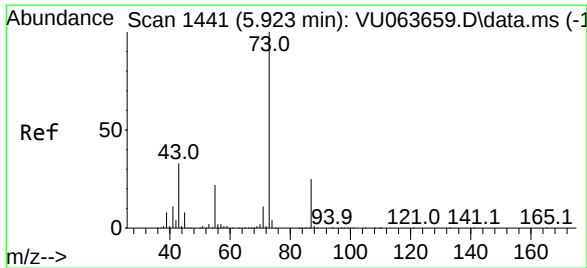
Tgt Ion: 45 Resp: 511520
Ion Ratio Lower Upper
45 100
43 50.7 25.3 75.9



#32
Ethyl-t-butyl ether
Concen: 9.788 ug/l
RT: 4.480 min Scan# 992
Delta R.T. 0.000 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

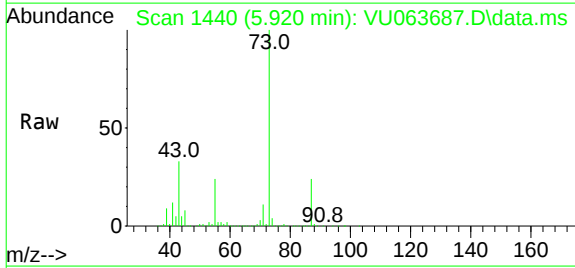
Tgt Ion: 59 Resp: 479241
Ion Ratio Lower Upper
59 100
87 42.8 33.0 49.6



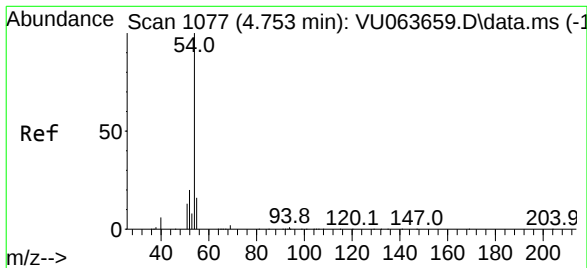
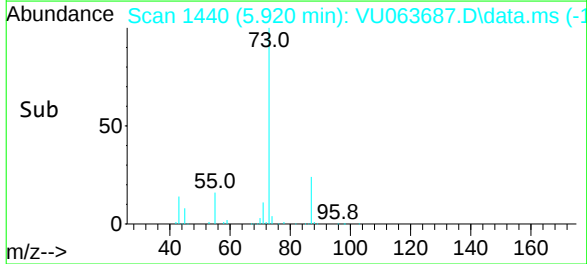
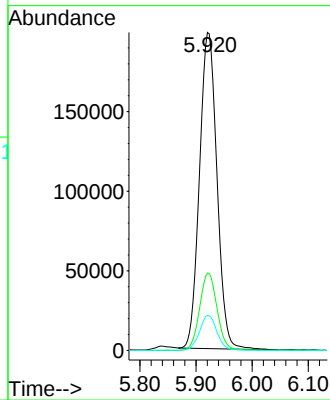


#33
Tert-Amyl methyl ether
Concen: 10.070 ug/l
RT: 5.920 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

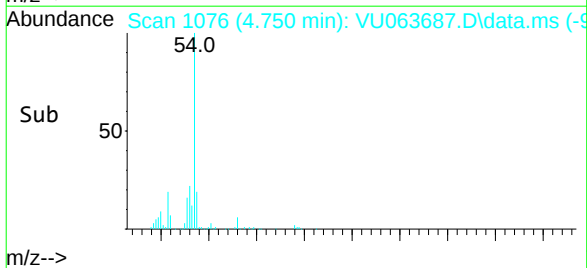
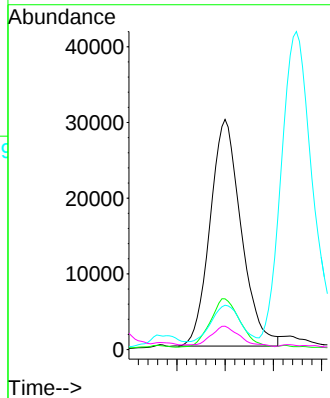
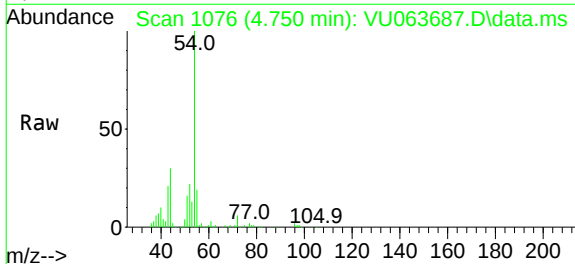


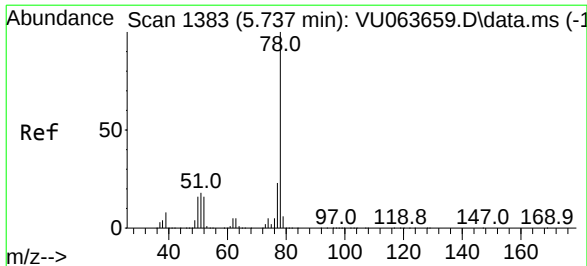
Tgt Ion: 73 Resp: 429321
Ion Ratio Lower Upper
73 100
87 24.5 20.0 30.0
71 10.9 9.0 13.4



#34
Propionitrile
Concen: 50.411 ug/l
RT: 4.750 min Scan# 1076
Delta R.T. -0.003 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

Tgt Ion: 54 Resp: 67050
Ion Ratio Lower Upper
54 100
52 20.9 15.8 23.6
55 18.1 11.3 16.9#
40 8.1 6.2 9.4





#35

Benzene

Concen: 10.554 ug/l

RT: 5.737 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VU063687.D

Acq: 07 Nov 2025 15:45

Instrument :

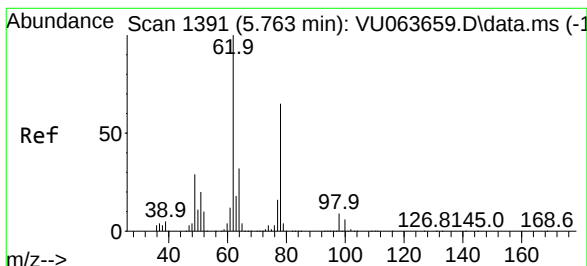
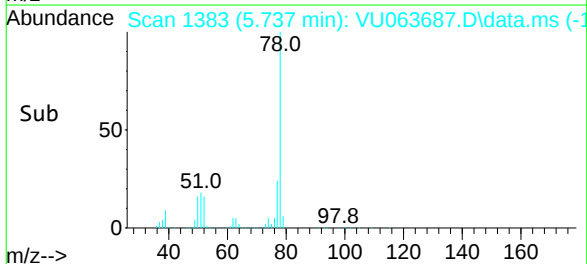
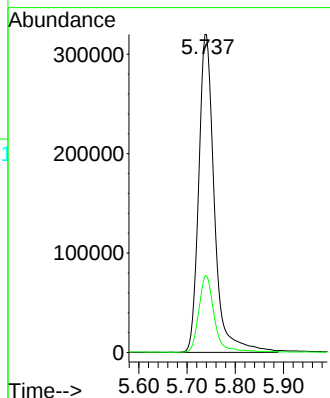
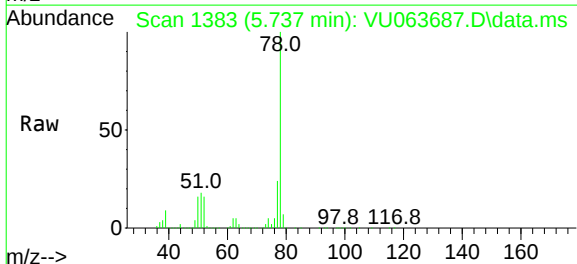
MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 78 Resp: 722851

Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.3	27.5



#36

1,2-Dichloroethane

Concen: 10.636 ug/l

RT: 5.763 min Scan# 1391

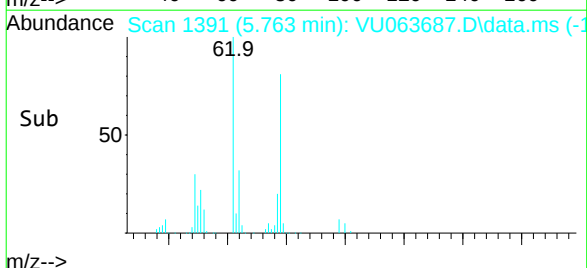
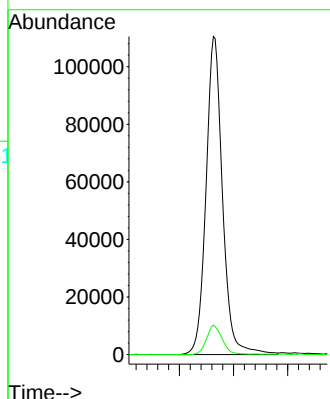
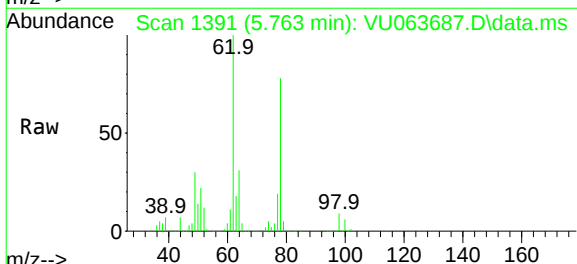
Delta R.T. 0.000 min

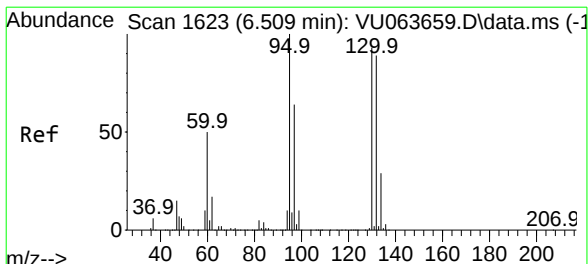
Lab File: VU063687.D

Acq: 07 Nov 2025 15:45

Tgt Ion: 62 Resp: 233923

Ion	Ratio	Lower	Upper
62	100		
98	8.8	6.8	10.2

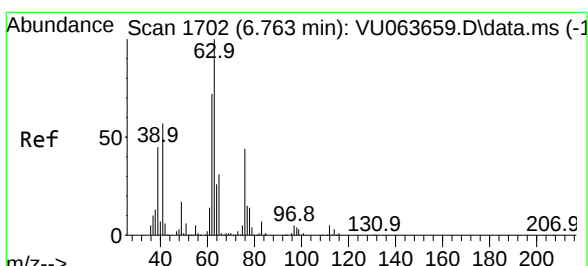
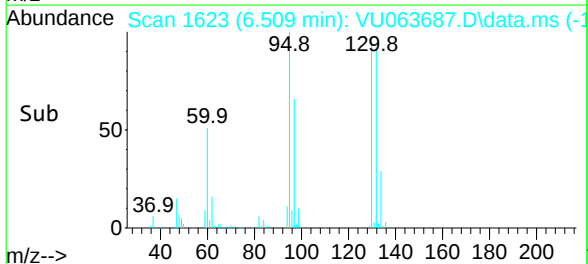
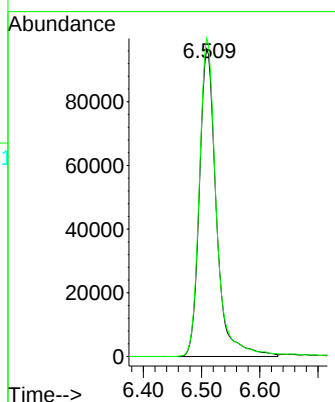
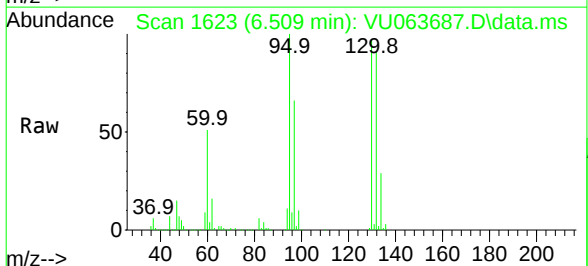




#37
 Trichloroethene
 Concen: 10.056 ug/l
 RT: 6.509 min Scan# 1623
 Delta R.T. 0.000 min
 Lab File: VU063687.D
 Acq: 07 Nov 2025 15:45

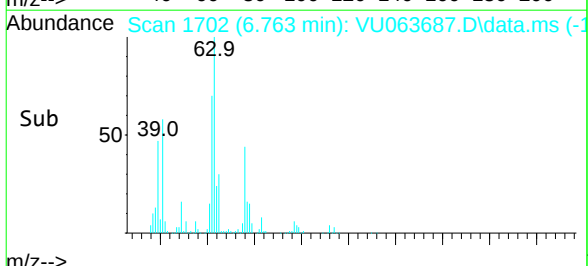
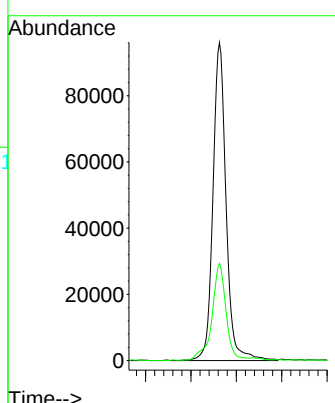
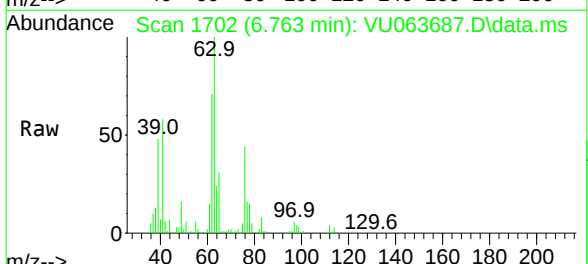
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

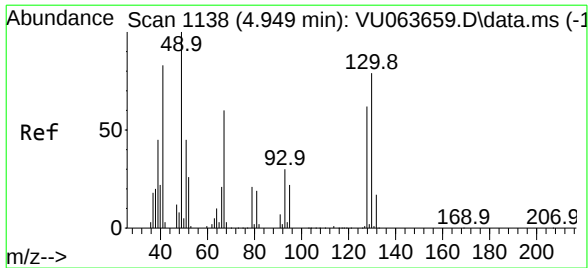
Tgt Ion:130 Resp: 196301
 Ion Ratio Lower Upper
 130 100
 95 103.4 86.0 129.0



#38
 1,2-Dichloropropane
 Concen: 10.082 ug/l
 RT: 6.763 min Scan# 1702
 Delta R.T. 0.000 min
 Lab File: VU063687.D
 Acq: 07 Nov 2025 15:45

Tgt Ion: 63 Resp: 193257
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.5 36.7

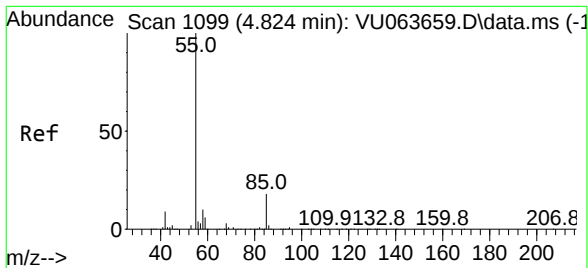
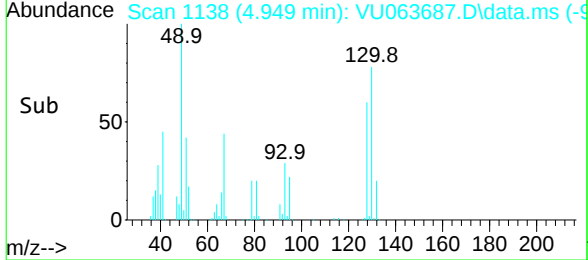
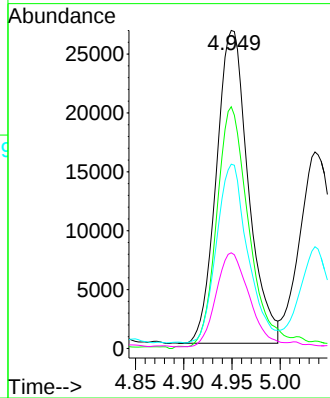
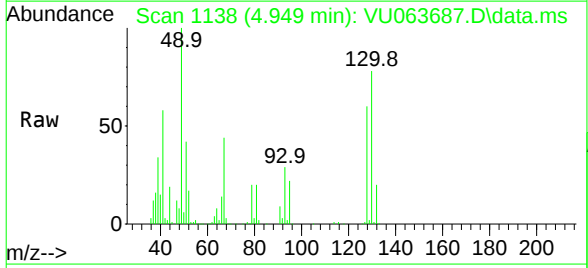




#39
Methacrylonitrile
Concen: 9.262 ug/l
RT: 4.949 min Scan# 1138
Delta R.T. 0.000 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

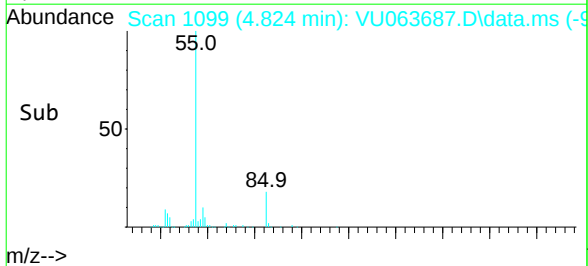
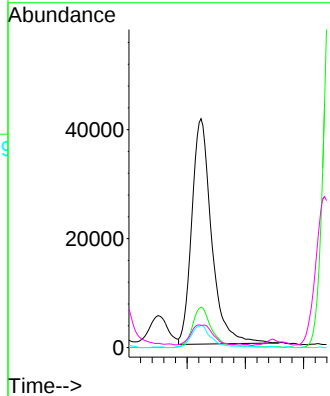
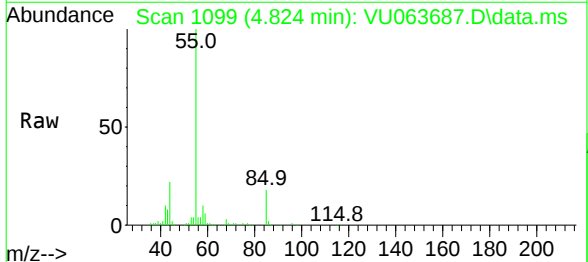
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

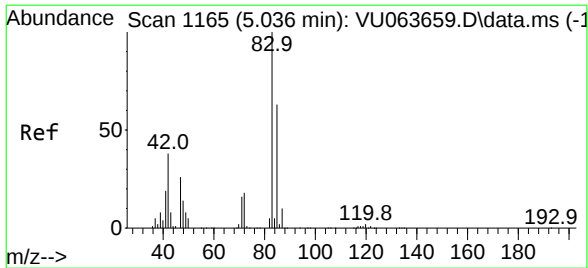
Tgt Ion: 41	Resp: 61325
Ion Ratio	Lower Upper
41 100	
67 76.2	61.4 92.2
39 56.1	46.5 69.7
52 31.0	25.8 38.6



#40
Methyl acrylate
Concen: 10.144 ug/l
RT: 4.824 min Scan# 1099
Delta R.T. 0.000 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

Tgt Ion: 55	Resp: 97530
Ion Ratio	Lower Upper
55 100	
85 17.2	15.3 22.9
58 9.9	7.7 11.5
42 9.6	7.9 11.9

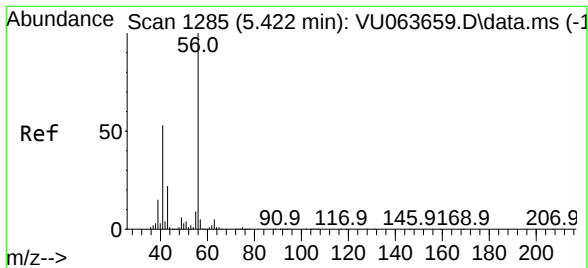
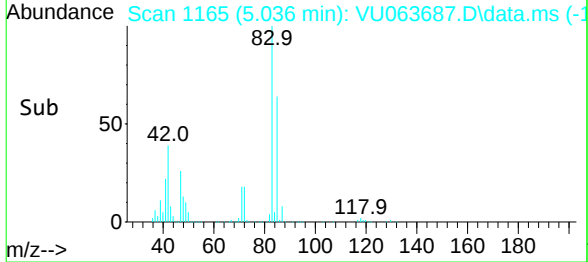
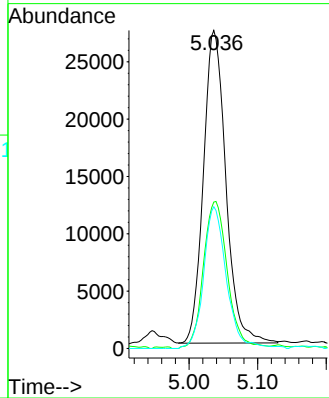
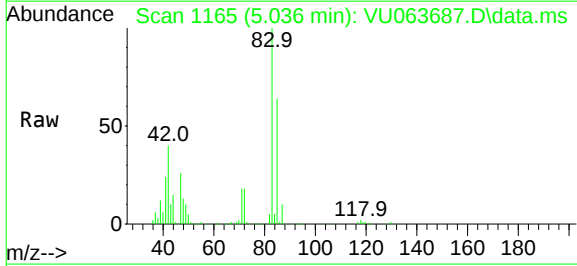




#41
Tetrahydrofuran
Concen: 20.893 ug/l
RT: 5.036 min Scan# 1165
Delta R.T. 0.000 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

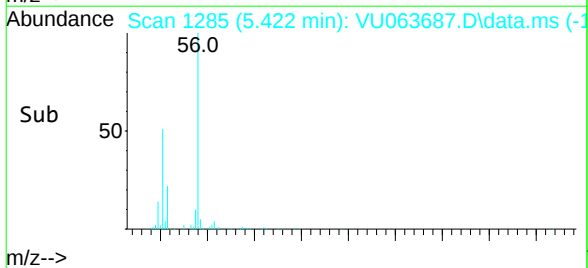
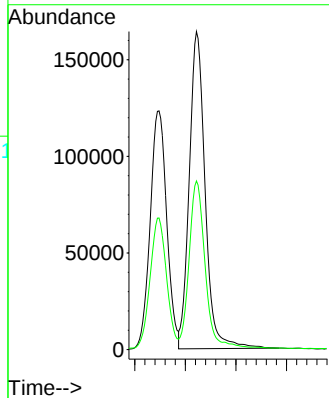
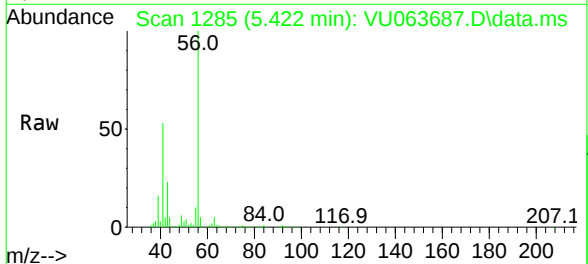
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

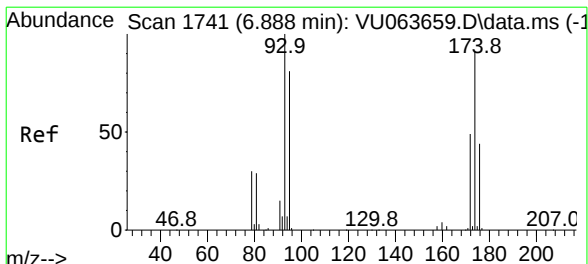
Tgt Ion:	42	Resp:	62240
Ion	Ratio	Lower	Upper
42	100		
72	50.3	40.5	60.7
71	45.7	35.0	52.6



#42
1-Chlorobutane
Concen: 10.985 ug/l
RT: 5.422 min Scan# 1285
Delta R.T. 0.000 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

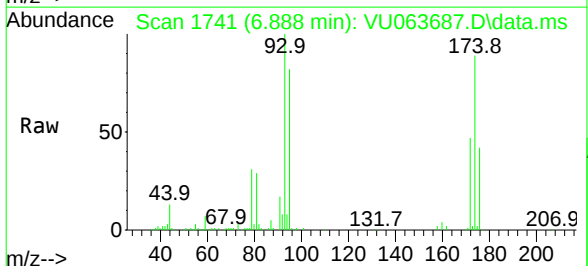
Tgt Ion:	56	Resp:	357728
Ion	Ratio	Lower	Upper
56	100		
41	51.9	25.9	77.6



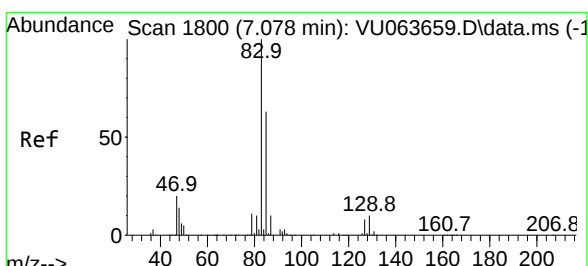
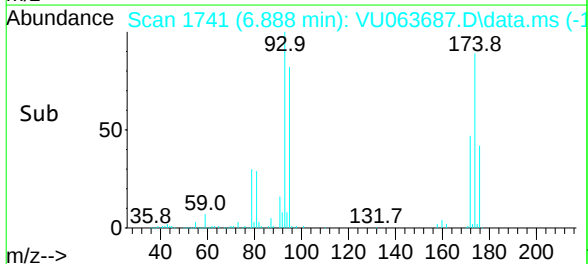
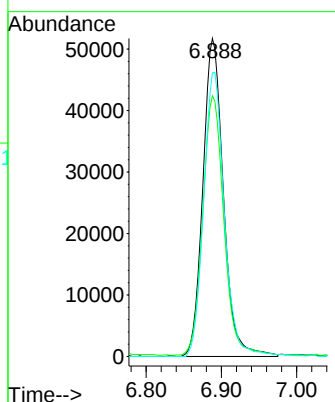


#43
 Dibromomethane
 Concen: 9.885 ug/l
 RT: 6.888 min Scan# 1741
 Delta R.T. 0.000 min
 Lab File: VU063687.D
 Acq: 07 Nov 2025 15:45

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

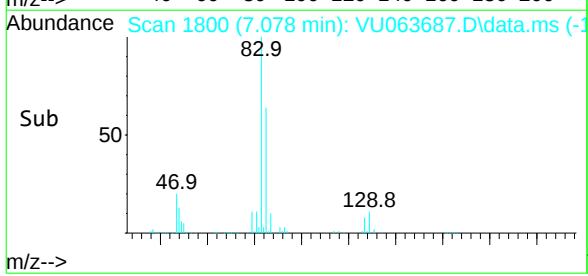
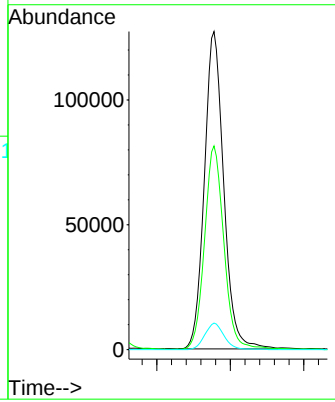
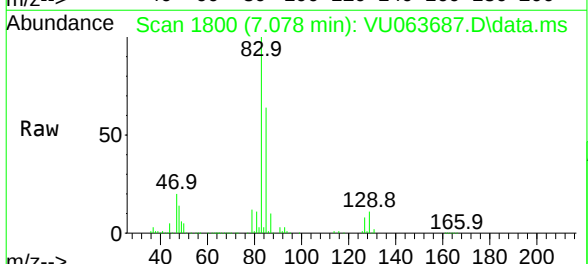


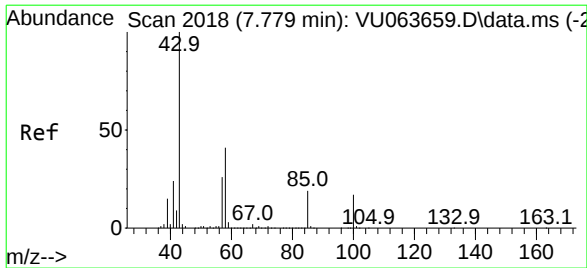
Tgt Ion:	93	Resp:	98022
Ion	Ratio	Lower	Upper
93	100		
95	83.5	64.6	97.0
174	90.3	73.8	110.8



#44
 Bromodichloromethane
 Concen: 9.589 ug/l
 RT: 7.078 min Scan# 1800
 Delta R.T. 0.000 min
 Lab File: VU063687.D
 Acq: 07 Nov 2025 15:45

Tgt Ion:	83	Resp:	232517
Ion	Ratio	Lower	Upper
83	100		
85	64.0	50.5	75.7
127	8.4	6.4	9.6

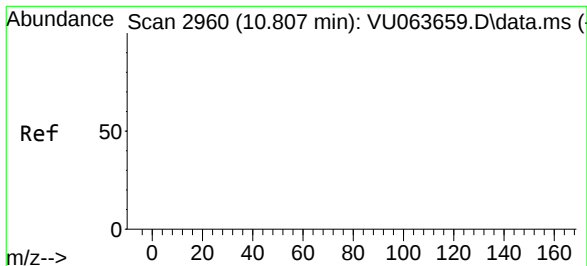
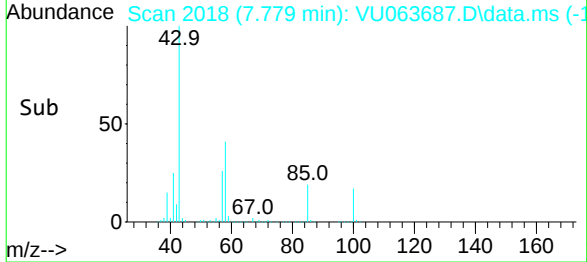
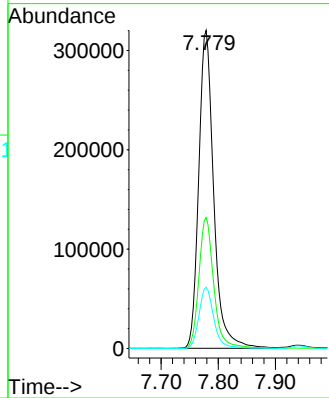
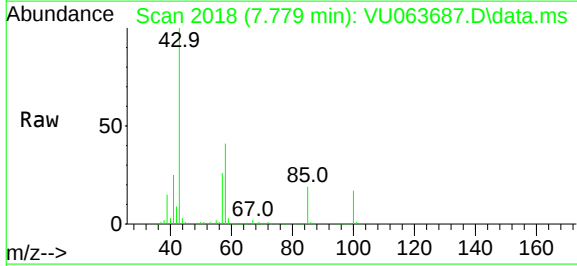




#45
4-Methyl-2-Pentanone
Concen: 48.651 ug/l
RT: 7.779 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

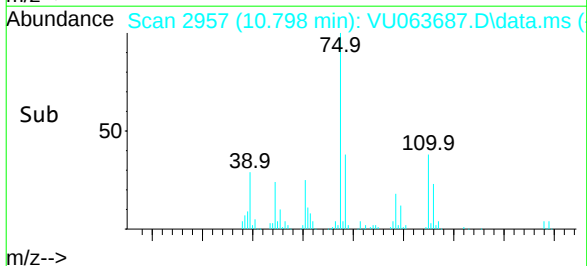
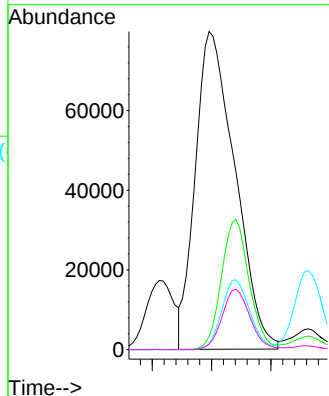
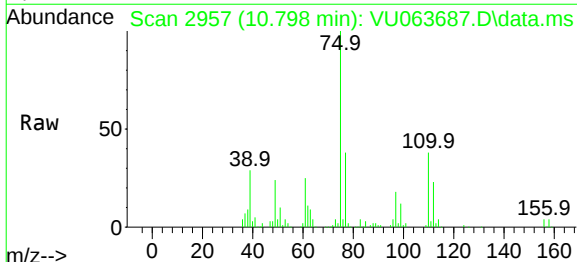
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

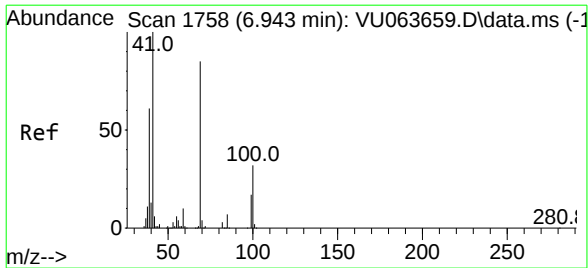
Tgt Ion: 43 Resp: 581736
Ion Ratio Lower Upper
43 100
58 41.2 20.2 60.5
85 19.2 15.0 22.6



#46
t-1,4-Dichloro-2-butene
Concen: 44.553 ug/l
RT: 10.798 min Scan# 2957
Delta R.T. -0.010 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

Tgt Ion: 75 Resp: 184792
Ion Ratio Lower Upper
75 100
53 28.7 57.2 85.8#
89 15.6 37.9 56.9#
88 13.4 30.1 45.1#

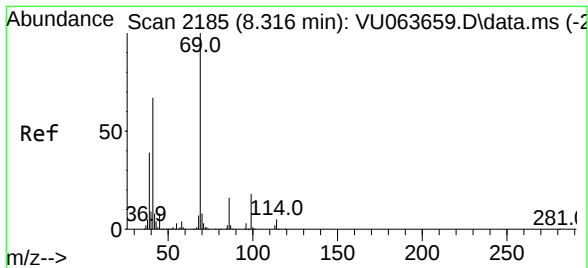
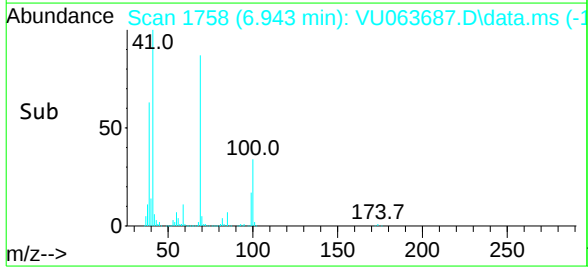
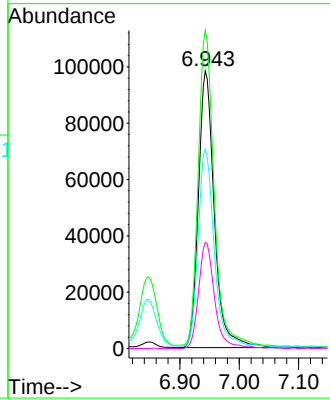
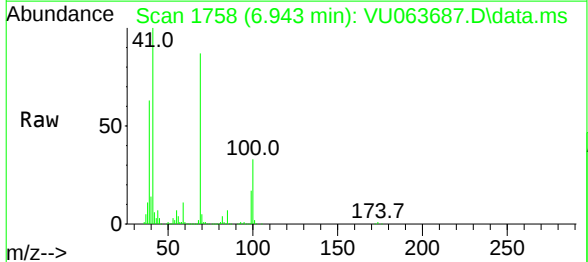




#47
Methyl methacrylate
Concen: 20.078 ug/l
RT: 6.943 min Scan# 1758
Delta R.T. 0.000 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

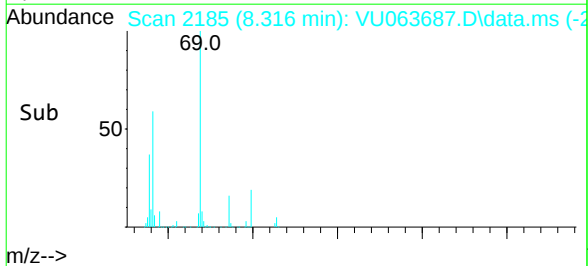
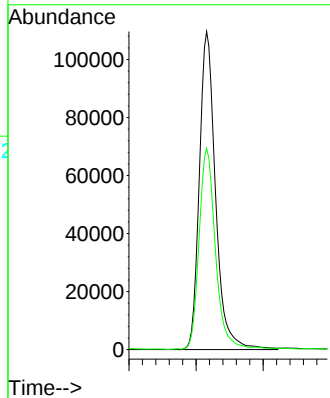
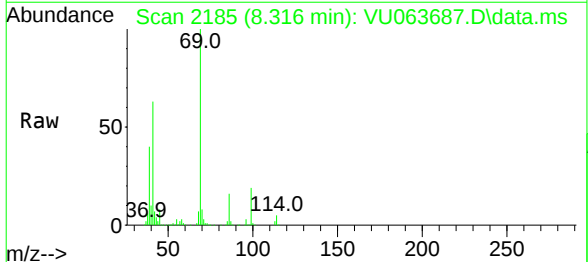
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

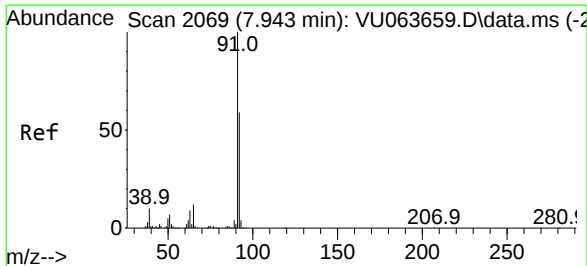
Tgt Ion:	69	Resp:	183186
Ion	Ratio	Lower	Upper
69	100		
41	112.7	0.0	228.2
39	73.4	56.2	84.4
100	38.0	30.6	46.0



#48
Ethyl methacrylate
Concen: 9.913 ug/l
RT: 8.316 min Scan# 2185
Delta R.T. 0.000 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

Tgt Ion:	69	Resp:	183946
Ion	Ratio	Lower	Upper
69	100		
41	63.0	32.8	98.3





#49

Toluene

Concen: 10.059 ug/l

RT: 7.943 min Scan# 2069

Delta R.T. 0.000 min

Lab File: VU063687.D

Acq: 07 Nov 2025 15:45

Instrument :

MSVOA_U

ClientSampleId :

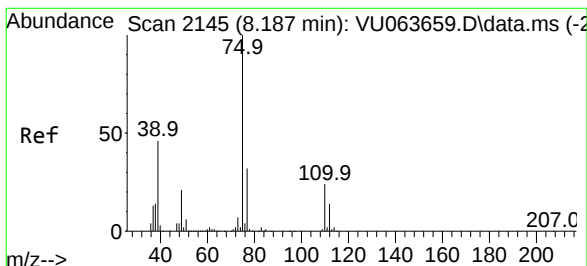
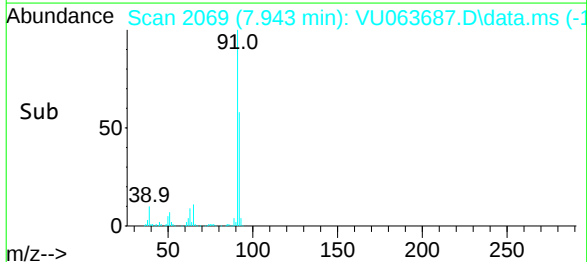
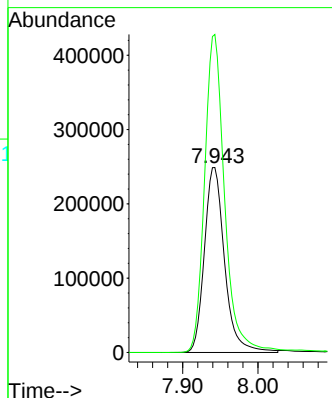
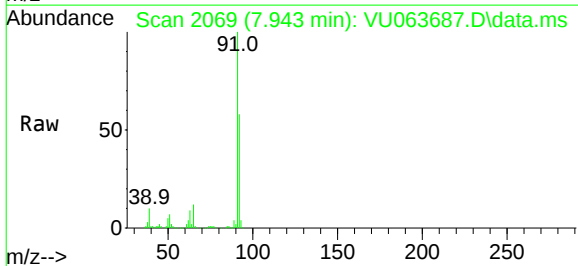
VSTDCCC010EC

Tgt Ion: 92 Resp: 464636

Ion Ratio Lower Upper

92 100

91 171.2 136.8 205.2



#50

t-1,3-Dichloropropene

Concen: 8.623 ug/l

RT: 8.187 min Scan# 2145

Delta R.T. 0.000 min

Lab File: VU063687.D

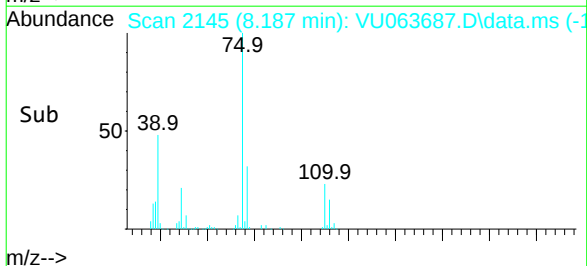
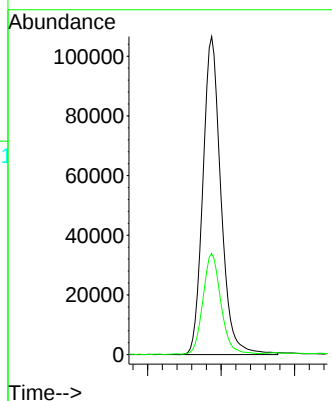
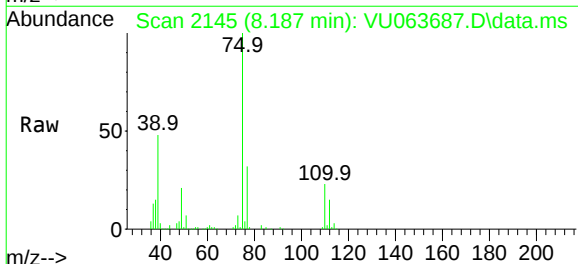
Acq: 07 Nov 2025 15:45

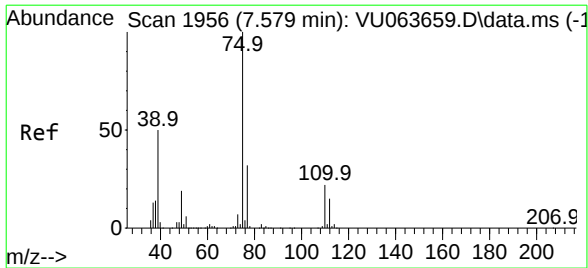
Tgt Ion: 75 Resp: 181725

Ion Ratio Lower Upper

75 100

77 31.6 25.8 38.6

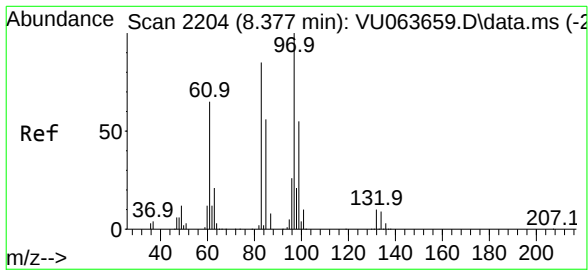
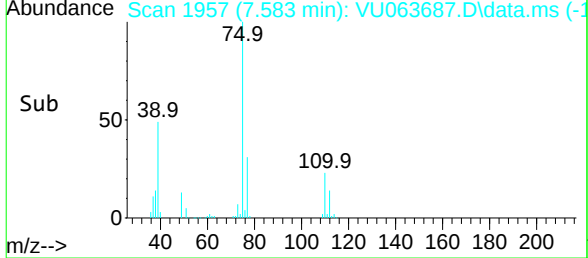
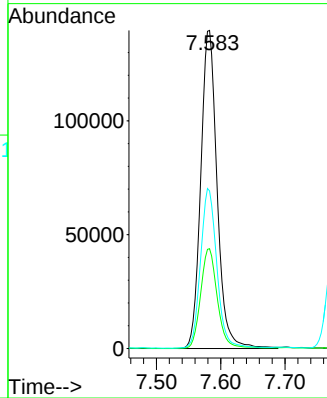
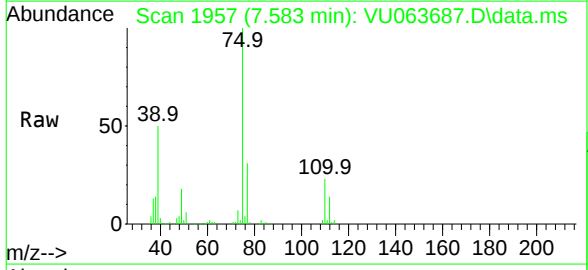




#51
 cis-1,3-Dichloropropene
 Concen: 9.366 ug/l
 RT: 7.583 min Scan# 1957
 Delta R.T. 0.003 min
 Lab File: VU063687.D
 Acq: 07 Nov 2025 15:45

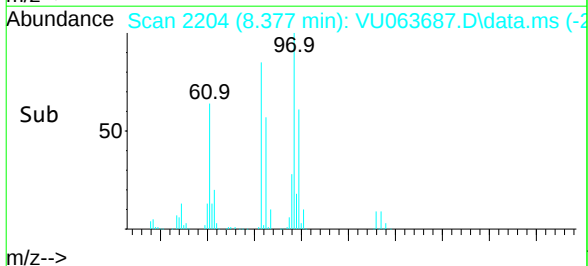
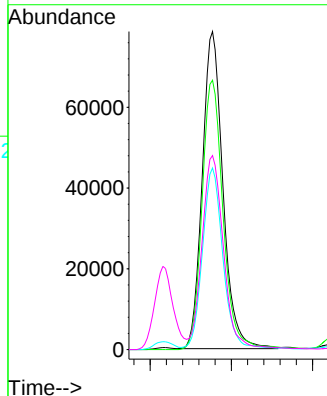
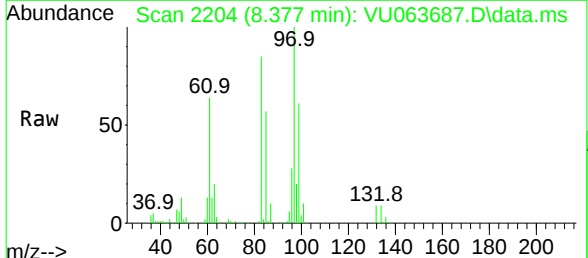
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

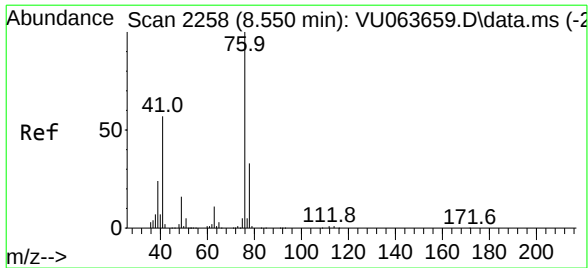
Tgt Ion:	75	Resp:	246857
Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.5	38.3
39	49.4	39.9	59.9



#52
 1,1,2-Trichloroethane
 Concen: 10.294 ug/l
 RT: 8.377 min Scan# 2204
 Delta R.T. 0.000 min
 Lab File: VU063687.D
 Acq: 07 Nov 2025 15:45

Tgt Ion:	97	Resp:	138767
Ion	Ratio	Lower	Upper
97	100		
83	85.0	68.3	102.5
85	56.8	45.3	67.9
99	60.6	49.7	74.5

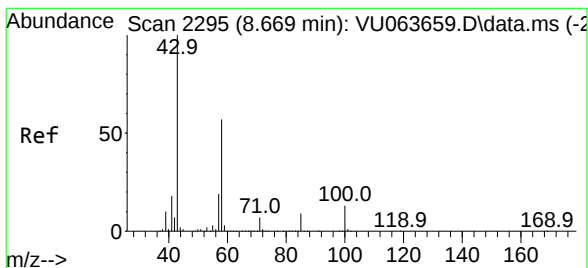
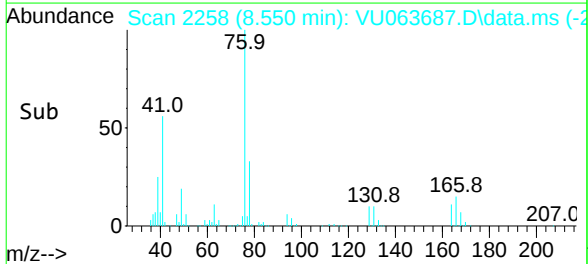
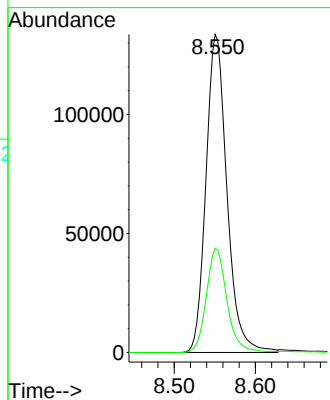
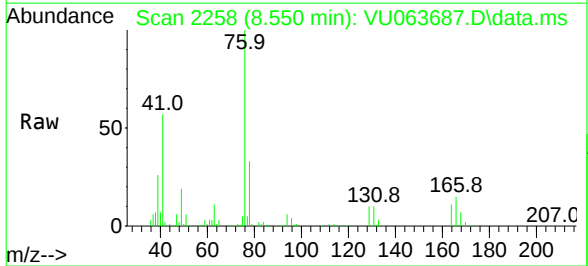




#53
1,3-Dichloropropane
Concen: 9.962 ug/l
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

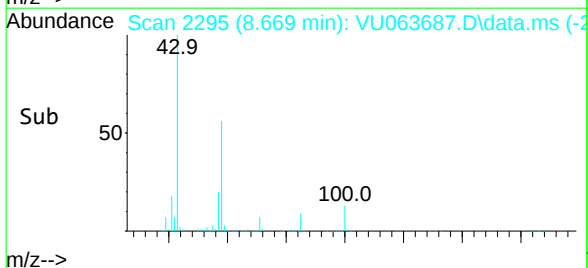
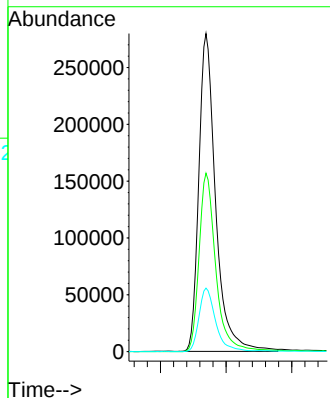
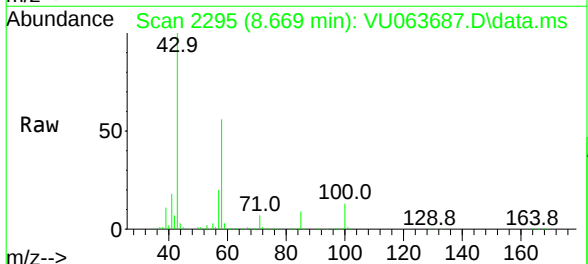
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

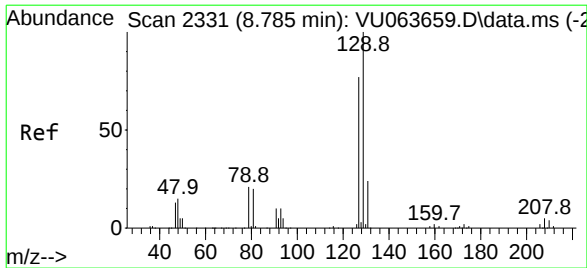
Tgt Ion: 76 Resp: 239890
Ion Ratio Lower Upper
76 100
78 32.3 25.8 38.6



#54
2-Hexanone
Concen: 49.325 ug/l
RT: 8.669 min Scan# 2295
Delta R.T. 0.000 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

Tgt Ion: 43 Resp: 497940
Ion Ratio Lower Upper
43 100
58 56.0 36.3 76.3
57 19.8 0.0 39.7





#55

Dibromochloromethane

Concen: 9.301 ug/l

RT: 8.785 min Scan# 2331

Delta R.T. 0.000 min

Lab File: VU063687.D

Acq: 07 Nov 2025 15:45

Instrument :

MSVOA_U

ClientSampleId :

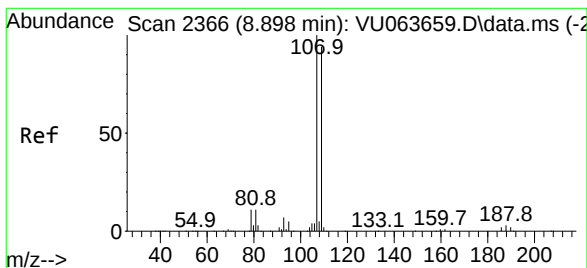
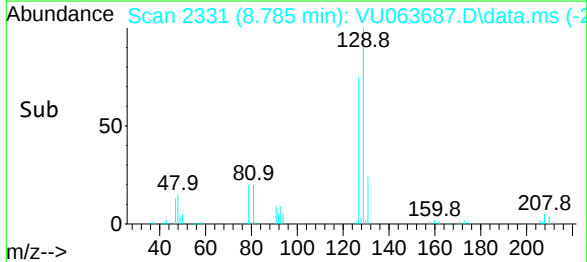
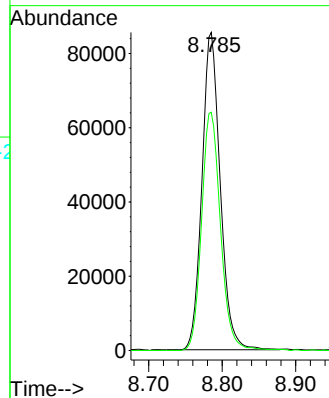
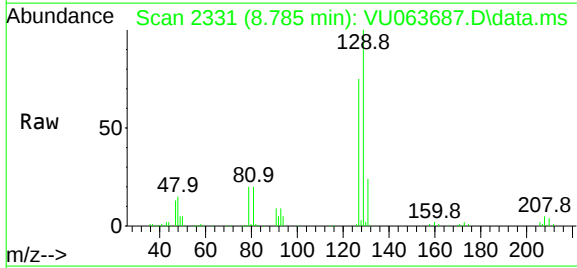
VSTDCCC010EC

Tgt Ion:129 Resp: 147634

Ion Ratio Lower Upper

129 100

127 77.6 61.4 92.0



#56

1,2-Dibromoethane

Concen: 9.990 ug/l

RT: 8.898 min Scan# 2366

Delta R.T. 0.000 min

Lab File: VU063687.D

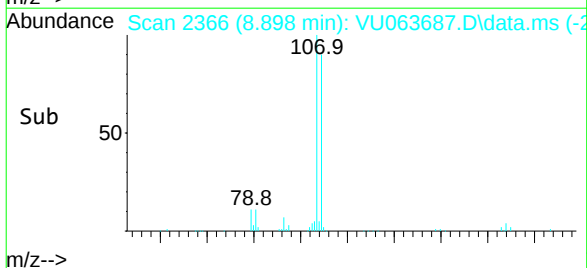
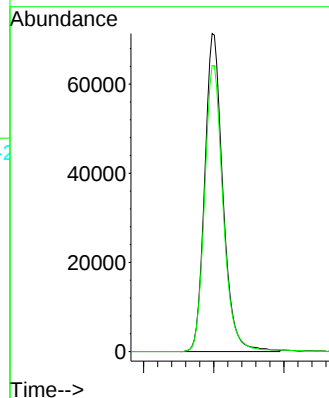
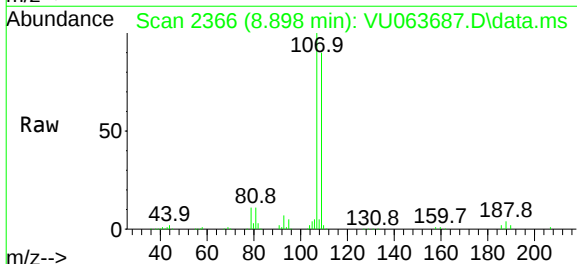
Acq: 07 Nov 2025 15:45

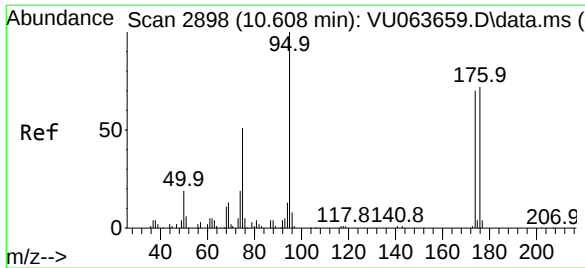
Tgt Ion:107 Resp: 128150

Ion Ratio Lower Upper

107 100

109 91.6 0.0 188.0





#57

4-Bromofluorobenzene

Concen: 0.955 ug/l

RT: 10.611 min Scan# 2899

Delta R.T. 0.003 min

Lab File: VU063687.D

Acq: 07 Nov 2025 15:45

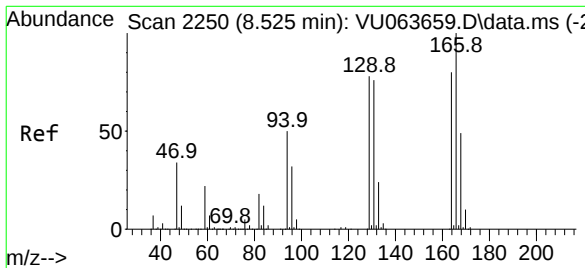
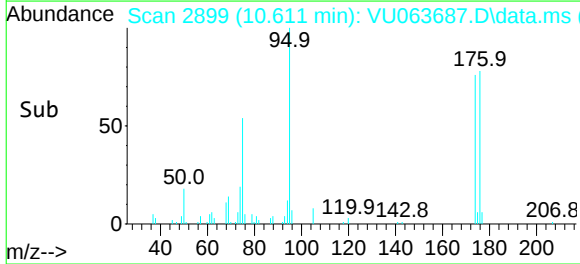
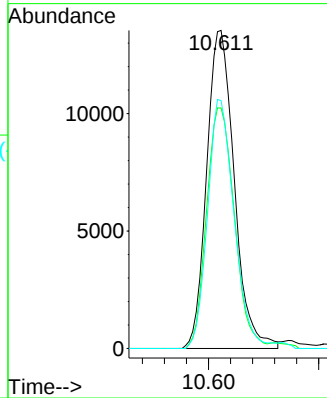
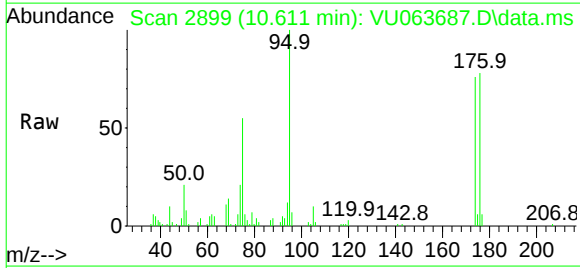
Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion:	95	Resp:	23524
Ion Ratio	Lower	Upper	
95	100		
174	76.2	59.9	89.9
176	75.6	58.8	88.2



#58

Tetrachloroethene

Concen: 10.785 ug/l

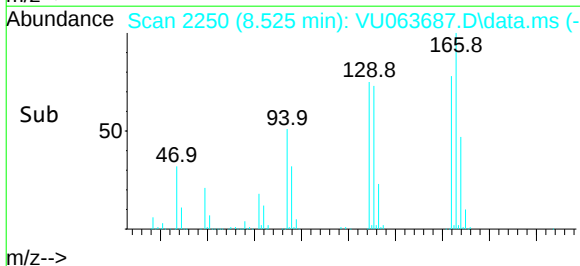
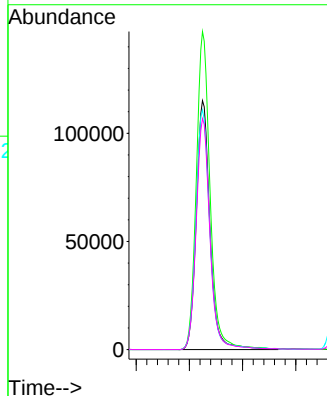
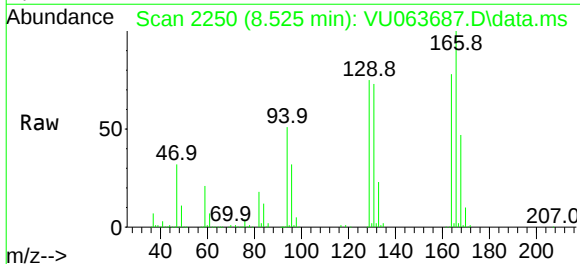
RT: 8.525 min Scan# 2250

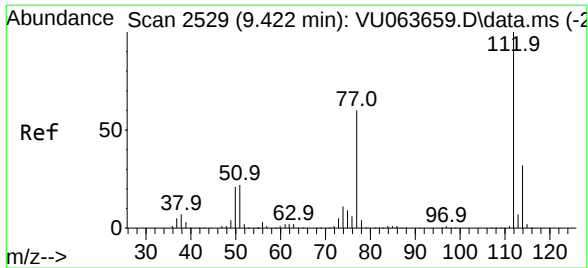
Delta R.T. 0.000 min

Lab File: VU063687.D

Acq: 07 Nov 2025 15:45

Tgt Ion:	164	Resp:	205935
Ion Ratio	Lower	Upper	
164	100		
166	127.7	100.1	150.1
129	96.3	77.6	116.4
131	92.8	76.6	114.8

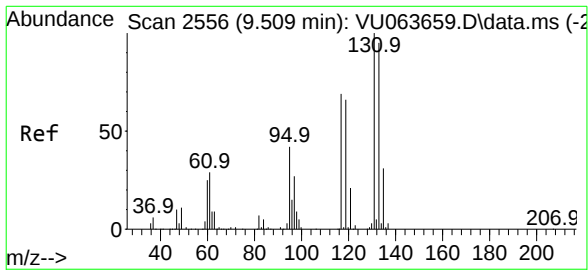
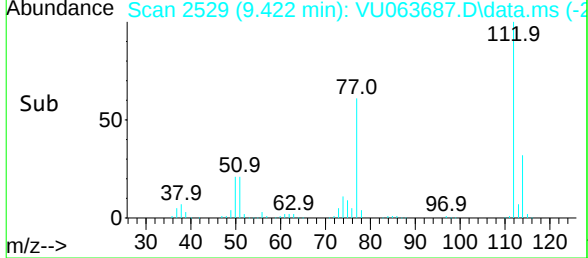
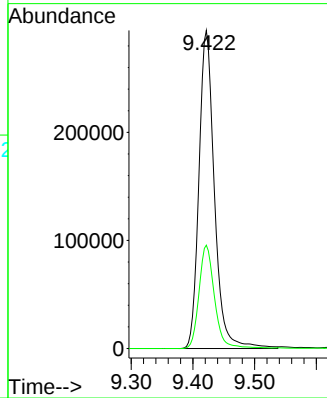
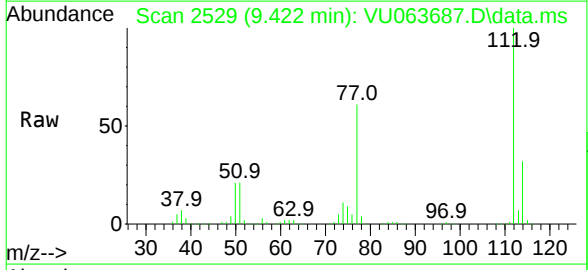




#59
Chlorobenzene
Concen: 10.236 ug/l
RT: 9.422 min Scan# 2529
Delta R.T. 0.000 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

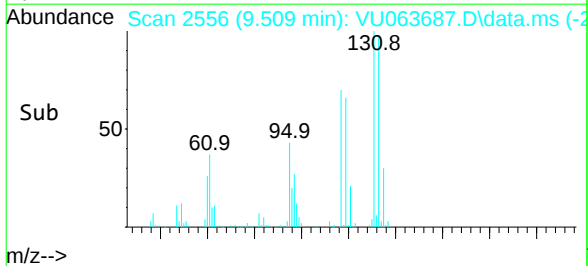
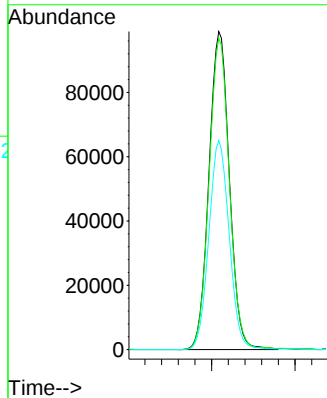
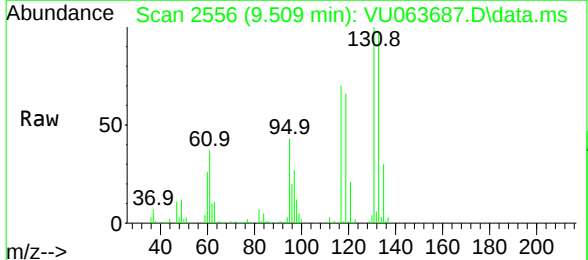
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

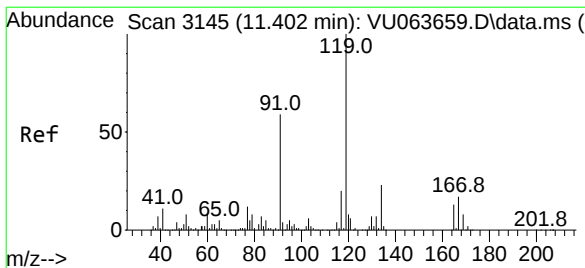
Tgt Ion:112 Resp: 512775
Ion Ratio Lower Upper
112 100
114 32.5 26.0 39.0



#60
1,1,1,2-Tetrachloroethane
Concen: 9.588 ug/l
RT: 9.509 min Scan# 2556
Delta R.T. 0.000 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

Tgt Ion:131 Resp: 168160
Ion Ratio Lower Upper
131 100
133 96.9 77.0 115.6
119 65.6 52.8 79.2

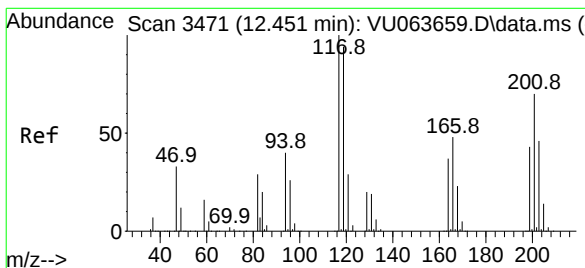
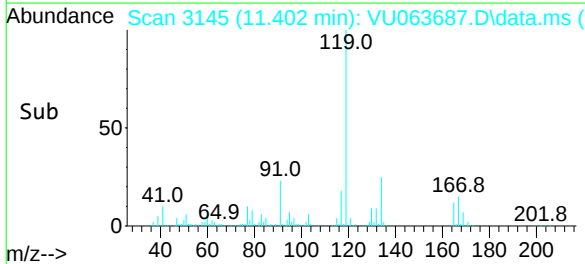
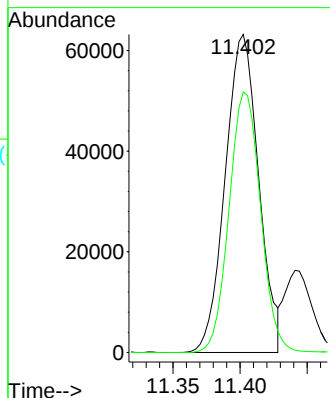
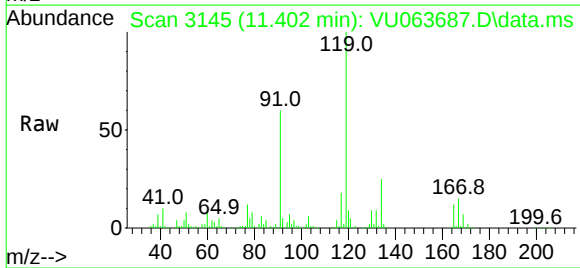




#61
Pentachloroethane
Concen: 9.009 ug/l
RT: 11.402 min Scan# 3145
Delta R.T. 0.000 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

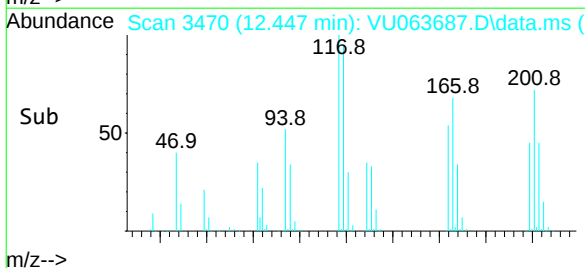
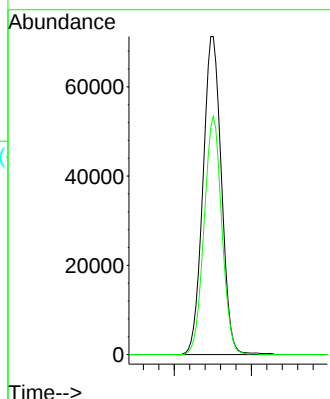
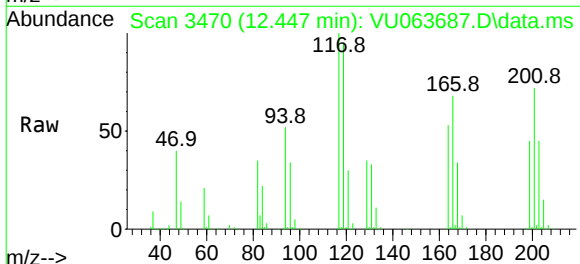
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

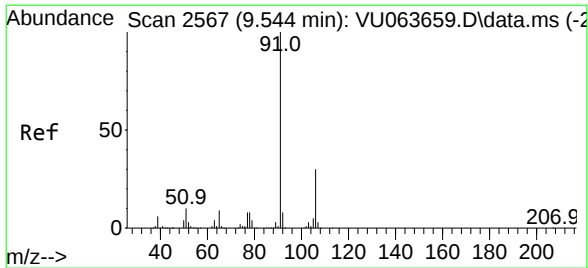
Tgt Ion:117 Resp: 109597
Ion Ratio Lower Upper
117 100
167 77.3 62.8 94.2



#62
Hexachloroethane
Concen: 8.890 ug/l
RT: 12.447 min Scan# 3470
Delta R.T. -0.003 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

Tgt Ion:117 Resp: 118555
Ion Ratio Lower Upper
117 100
201 71.9 56.3 84.5

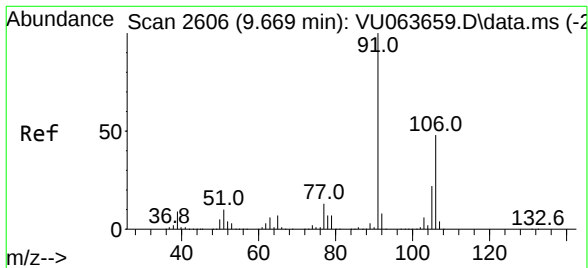
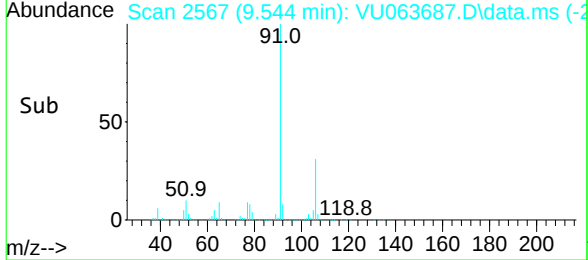
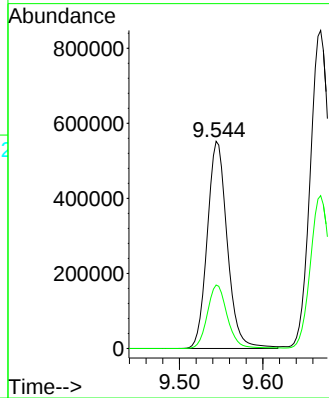
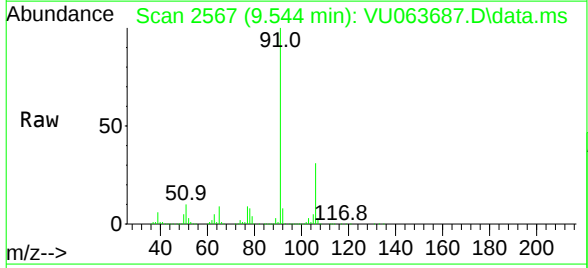




#63
Ethyl Benzene
Concen: 10.138 ug/l
RT: 9.544 min Scan# 2567
Delta R.T. 0.000 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

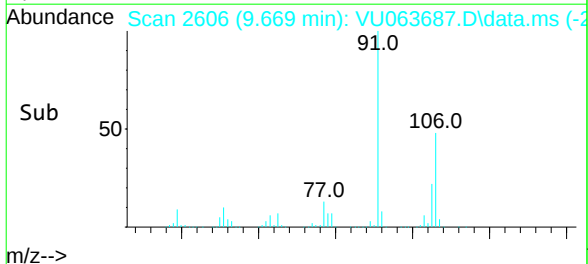
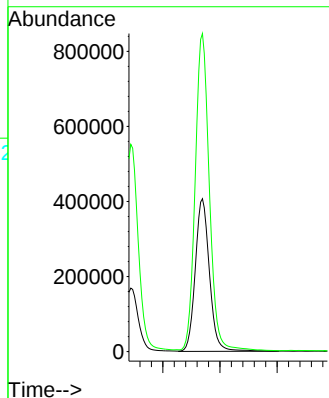
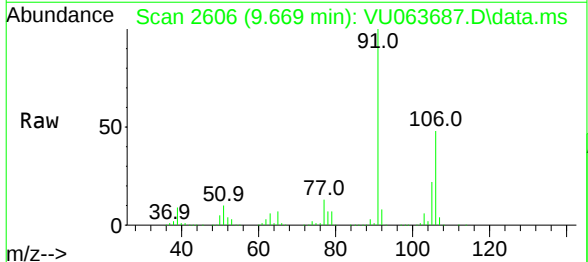
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

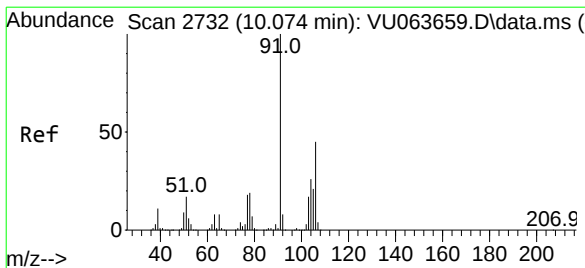
Tgt Ion: 91 Resp: 919869
Ion Ratio Lower Upper
91 100
106 30.6 24.1 36.1



#64
m/p-Xylenes
Concen: 20.641 ug/l
RT: 9.669 min Scan# 2606
Delta R.T. 0.000 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

Tgt Ion:106 Resp: 699159
Ion Ratio Lower Upper
106 100
91 208.6 167.0 250.4





#65

o-Xylene

Concen: 10.210 ug/l

RT: 10.074 min Scan# 2732

Delta R.T. 0.000 min

Lab File: VU063687.D

Acq: 07 Nov 2025 15:45

Instrument :

MSVOA_U

ClientSampleId :

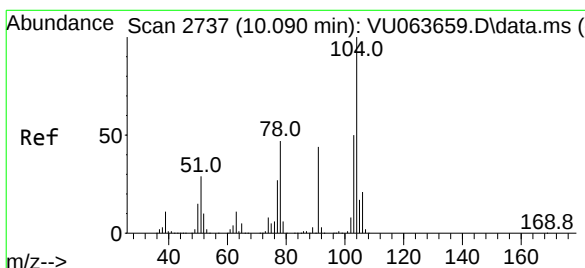
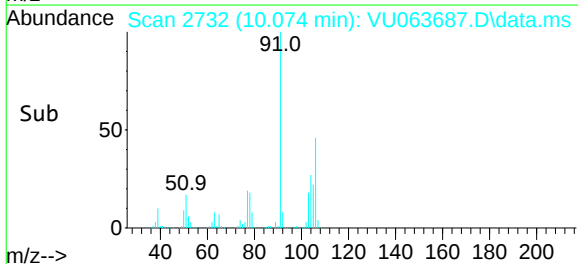
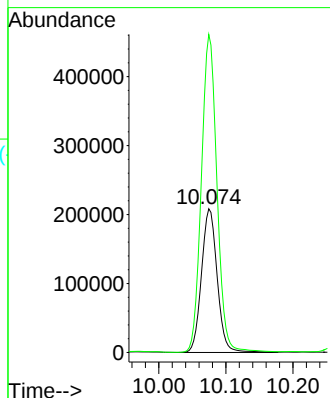
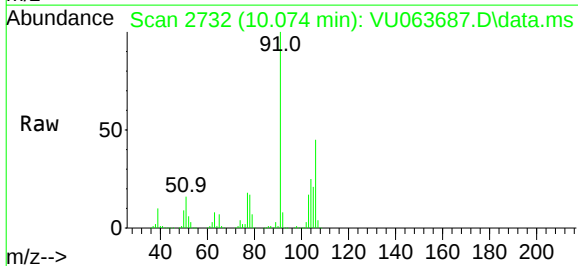
VSTDCCC010EC

Tgt Ion:106 Resp: 338883

Ion Ratio Lower Upper

106 100

91 219.5 109.3 327.9



#66

Styrene

Concen: 10.317 ug/l

RT: 10.091 min Scan# 2737

Delta R.T. 0.000 min

Lab File: VU063687.D

Acq: 07 Nov 2025 15:45

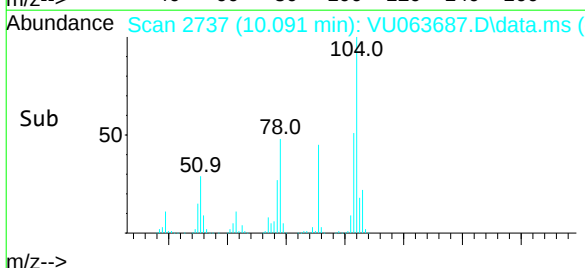
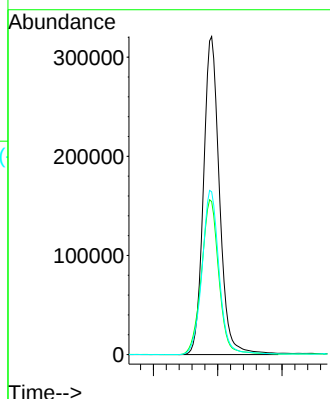
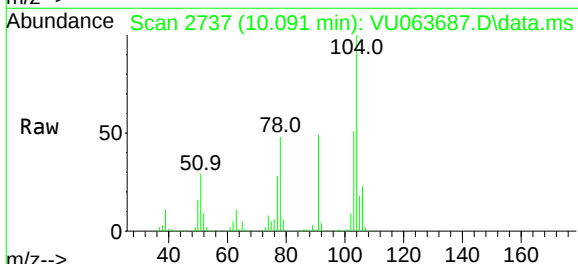
Tgt Ion:104 Resp: 555519

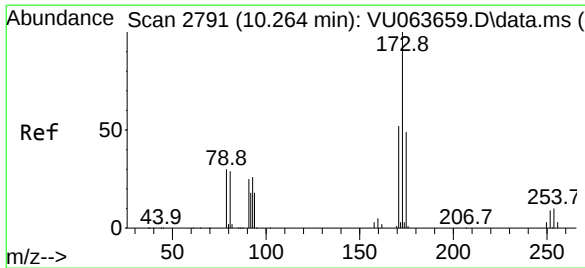
Ion Ratio Lower Upper

104 100

78 53.1 42.8 64.2

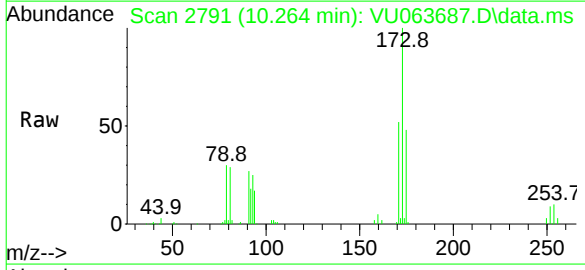
103 55.1 43.9 65.9



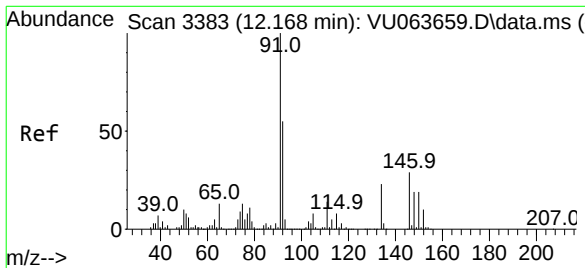
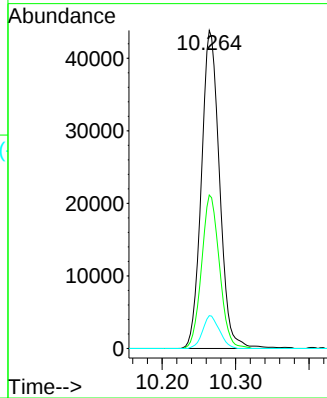
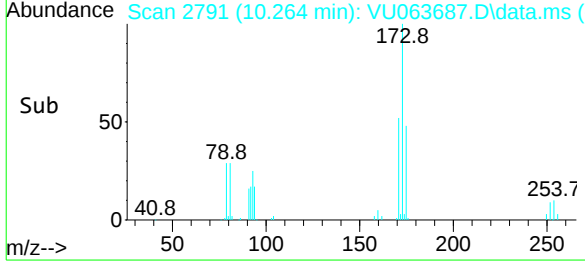


#67
Bromoform
Concen: 8.776 ug/l
RT: 10.264 min Scan# 2791
Delta R.T. 0.000 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

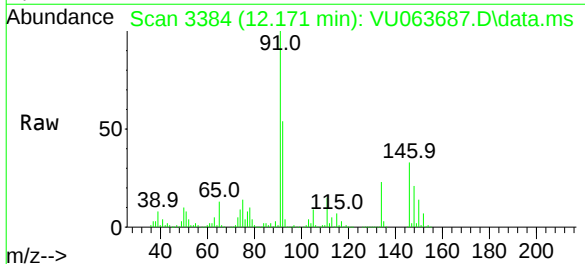
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



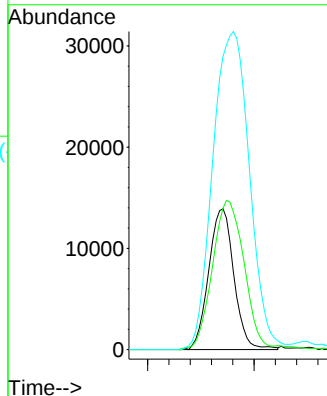
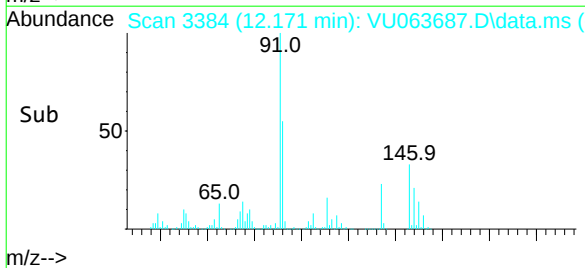
Tgt Ion:173 Resp: 75210
Ion Ratio Lower Upper
173 100
175 47.6 39.0 58.4
254 9.6 7.4 11.0

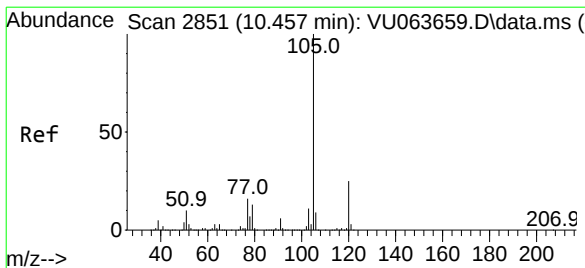


#68
1,2-Dichlorobenzene-d4
Concen: 1.036 ug/l
RT: 12.171 min Scan# 3384
Delta R.T. 0.003 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45



Tgt Ion:152 Resp: 22890
Ion Ratio Lower Upper
152 100
115 134.6 0.0 247.2
150 327.6 0.0 643.6





#69

Isopropylbenzene

Concen: 10.202 ug/l

RT: 10.460 min Scan# 28

Delta R.T. 0.003 min

Lab File: VU063687.D

Acq: 07 Nov 2025 15:45

Instrument :

MSVOA_U

ClientSampleId :

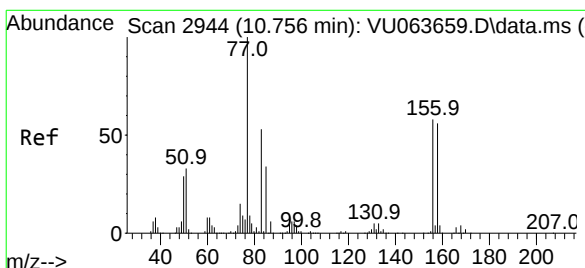
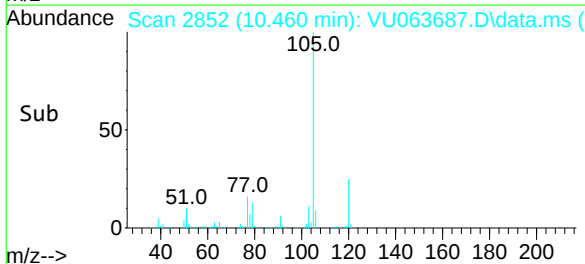
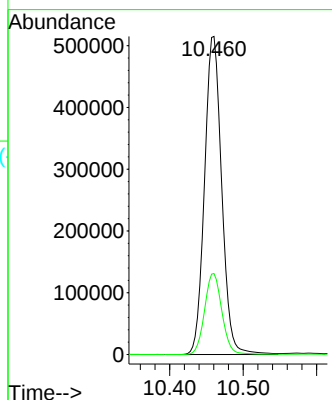
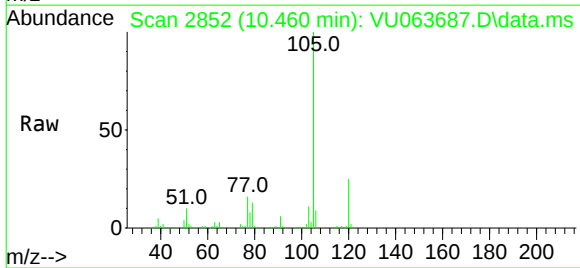
VSTDCCC010EC

Tgt Ion:105 Resp: 836263

Ion Ratio Lower Upper

105 100

120 25.7 12.9 38.6



#70

1,1,2,2-Tetrachloroethane

Concen: 10.058 ug/l

RT: 10.759 min Scan# 2945

Delta R.T. 0.003 min

Lab File: VU063687.D

Acq: 07 Nov 2025 15:45

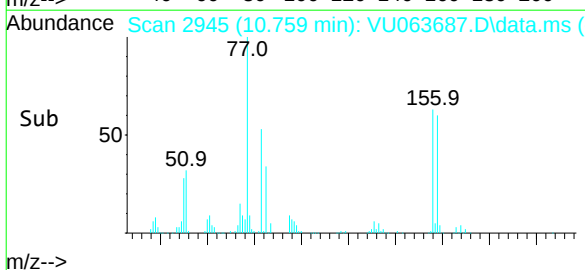
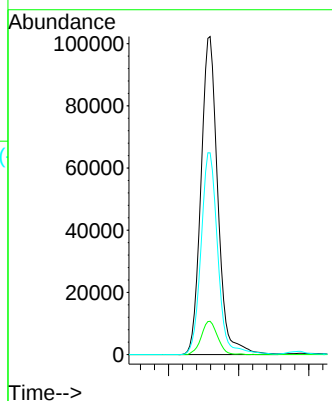
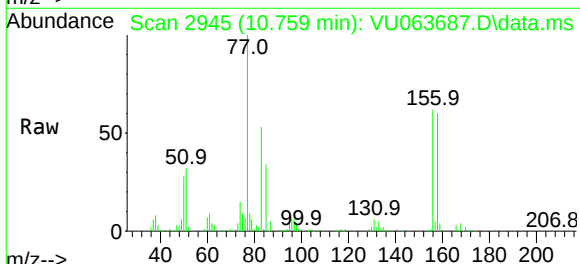
Tgt Ion: 83 Resp: 170297

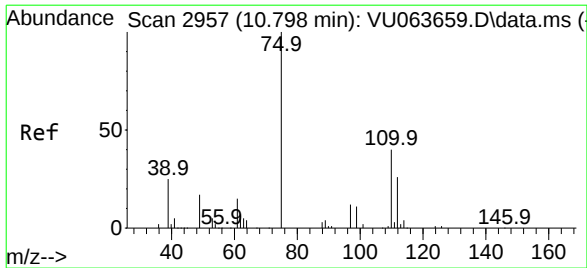
Ion Ratio Lower Upper

83 100

131 10.1 8.1 12.1

85 63.2 51.0 76.6





#71

1,2,3-Trichloropropane

Concen: 12.544 ug/l

RT: 10.798 min Scan# 2957

Delta R.T. 0.000 min

Lab File: VU063687.D

Acq: 07 Nov 2025 15:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 75 Resp: 184792

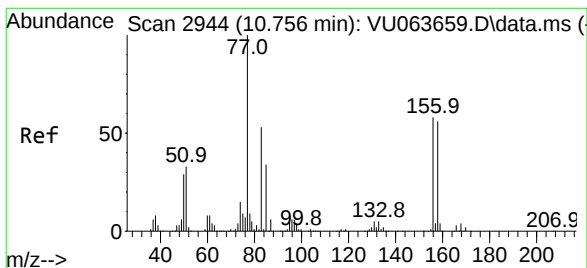
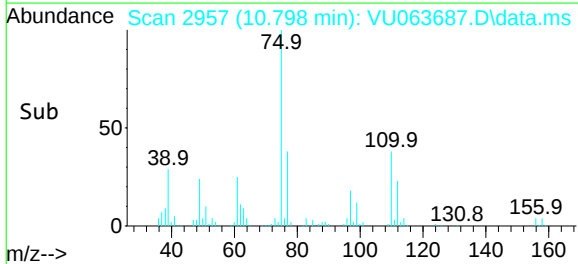
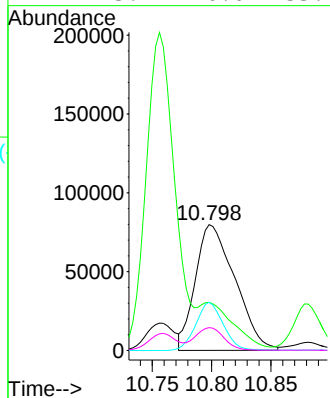
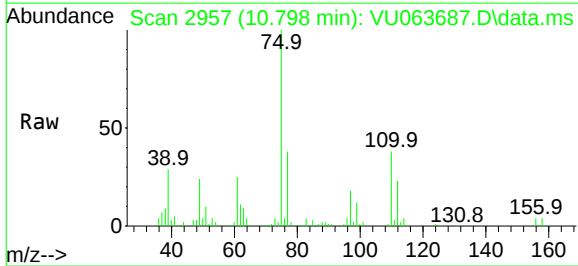
Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

110 26.8 0.0 66.4

97 13.4 0.0 33.2



#72

Bromobenzene

Concen: 10.557 ug/l

RT: 10.756 min Scan# 2944

Delta R.T. 0.000 min

Lab File: VU063687.D

Acq: 07 Nov 2025 15:45

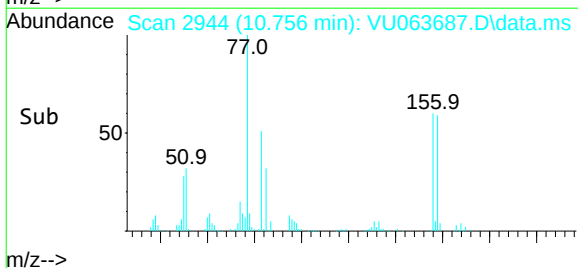
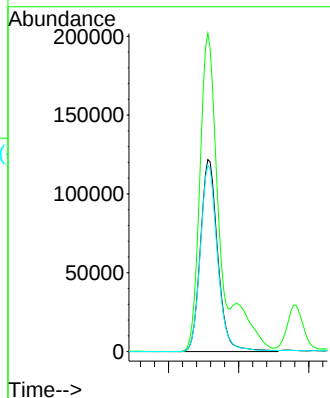
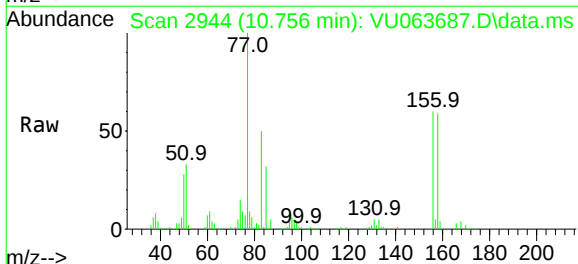
Tgt Ion: 156 Resp: 209281

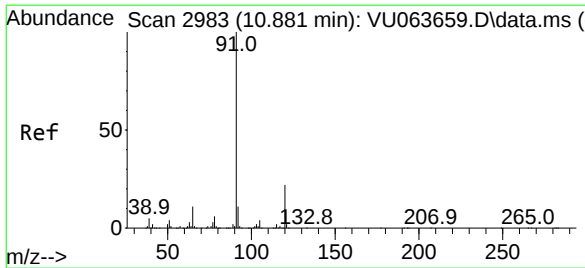
Ion Ratio Lower Upper

156 100

77 161.3 0.0 337.2

158 96.1 0.0 191.8





#73

n-propylbenzene

Concen: 10.438 ug/l

RT: 10.882 min Scan# 29

Delta R.T. 0.000 min

Lab File: VU063687.D

Acq: 07 Nov 2025 15:45

Instrument :

MSVOA_U

ClientSampleId :

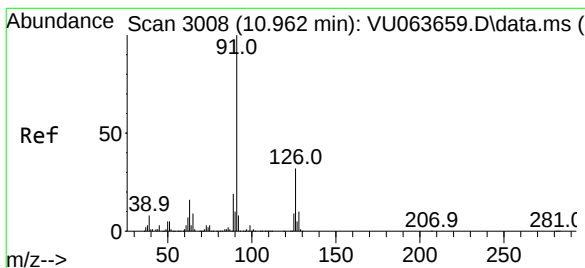
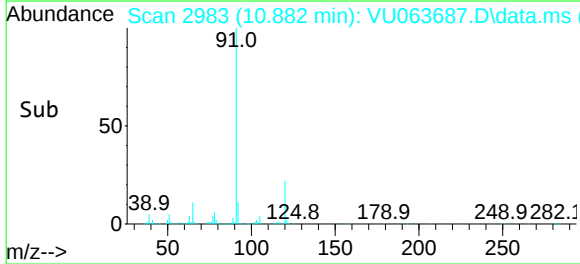
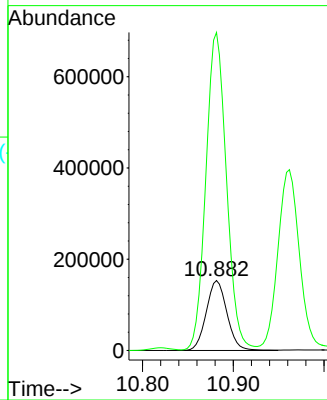
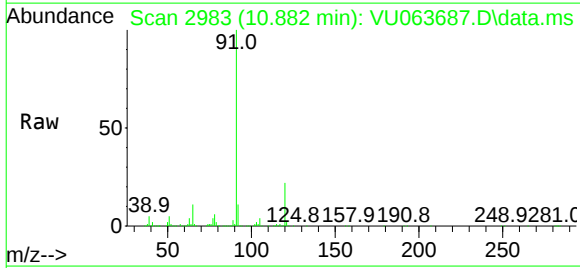
VSTDCCC010EC

Tgt Ion:120 Resp: 243135

Ion Ratio Lower Upper

120 100

91 450.1 361.4 542.2



#74

2-Chlorotoluene

Concen: 10.355 ug/l

RT: 10.962 min Scan# 3008

Delta R.T. 0.000 min

Lab File: VU063687.D

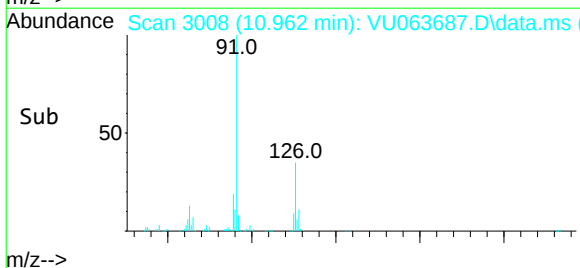
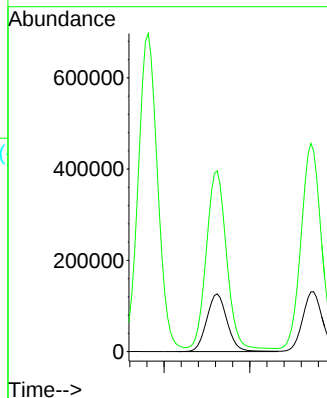
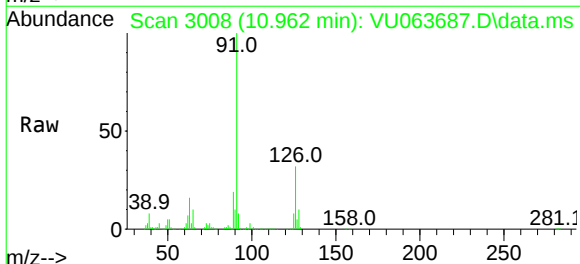
Acq: 07 Nov 2025 15:45

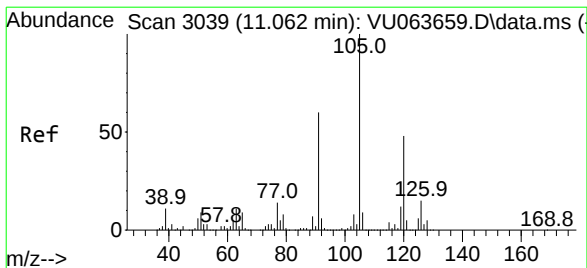
Tgt Ion:126 Resp: 209053

Ion Ratio Lower Upper

126 100

91 314.2 0.0 634.8





#75

1,3,5-Trimethylbenzene

Concen: 10.283 ug/l

RT: 11.062 min Scan# 3039

Delta R.T. 0.000 min

Lab File: VU063687.D

Acq: 07 Nov 2025 15:45

Instrument :

MSVOA_U

ClientSampleId :

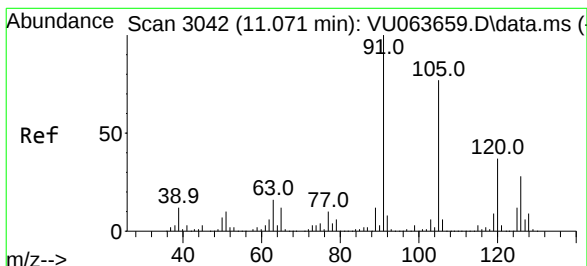
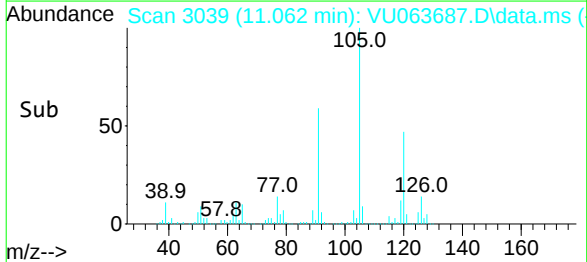
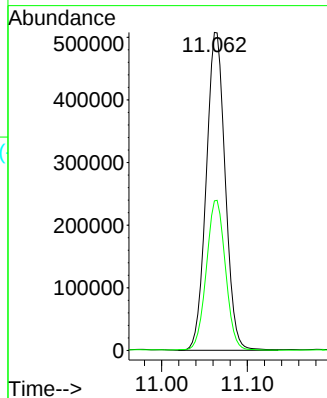
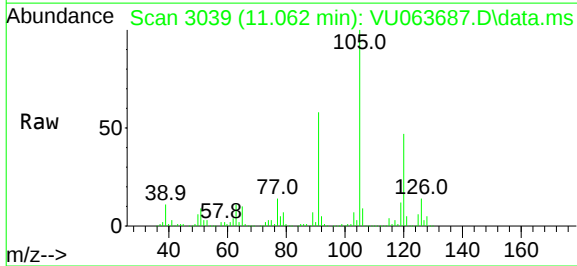
VSTDCCC010EC

Tgt Ion:105 Resp: 779430

Ion Ratio Lower Upper

105 100

120 47.5 38.2 57.2



#76

4-Chlorotoluene

Concen: 10.459 ug/l

RT: 11.074 min Scan# 3043

Delta R.T. 0.003 min

Lab File: VU063687.D

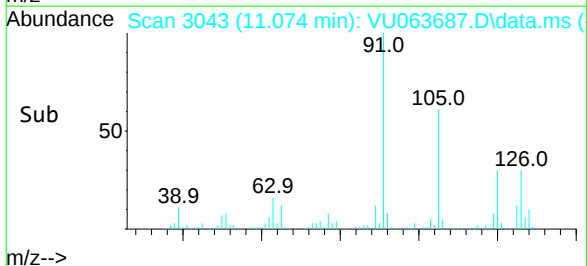
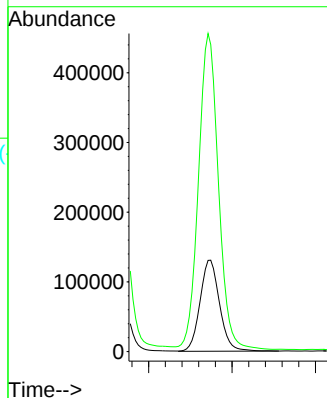
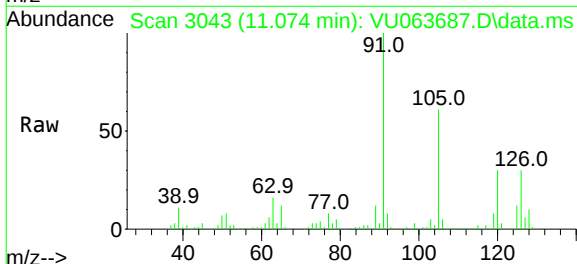
Acq: 07 Nov 2025 15:45

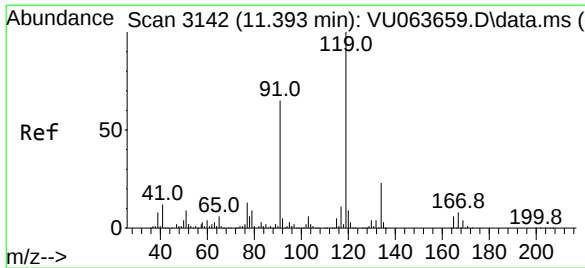
Tgt Ion:126 Resp: 211989

Ion Ratio Lower Upper

126 100

91 354.9 0.0 716.6

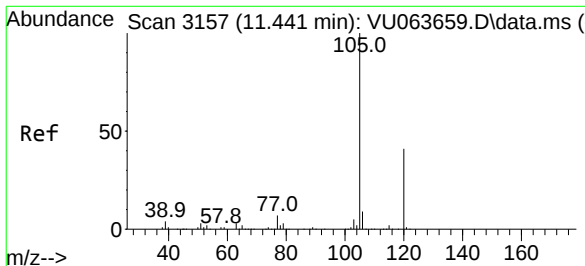
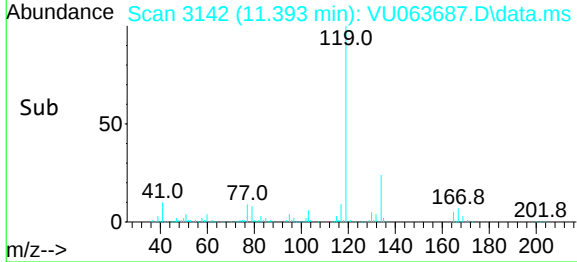
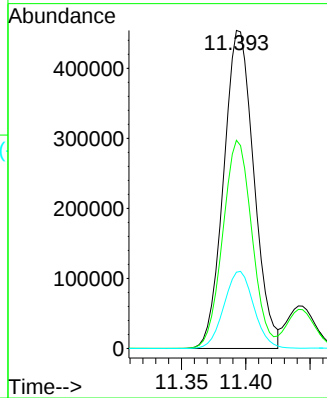
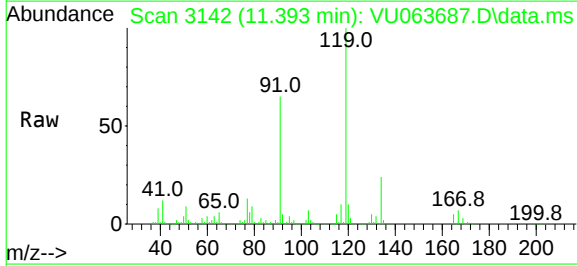




#77
tert-Butylbenzene
Concen: 9.988 ug/l
RT: 11.393 min Scan# 3142
Delta R.T. 0.000 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

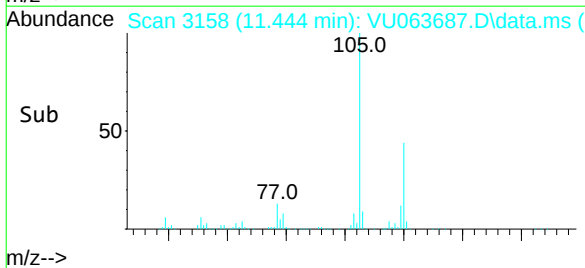
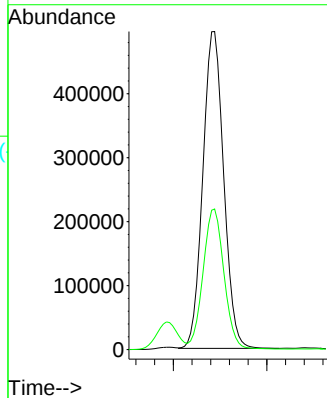
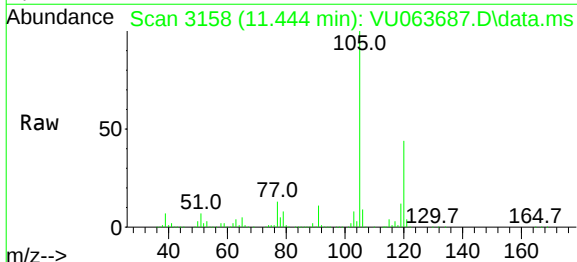
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

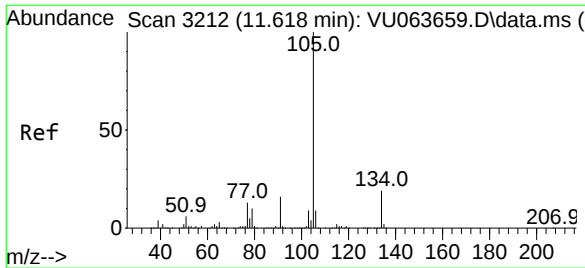
Tgt Ion:119 Resp: 741699
Ion Ratio Lower Upper
119 100
91 63.2 31.3 93.8
134 24.0 18.7 28.1



#78
1,2,4-Trimethylbenzene
Concen: 10.546 ug/l
RT: 11.444 min Scan# 3158
Delta R.T. 0.003 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

Tgt Ion:105 Resp: 767211
Ion Ratio Lower Upper
105 100
120 44.3 22.4 67.0





#79

sec-Butylbenzene

Concen: 10.295 ug/l

RT: 11.618 min Scan# 3212

Delta R.T. 0.000 min

Lab File: VU063687.D

Acq: 07 Nov 2025 15:45

Instrument :

MSVOA_U

ClientSampleId :

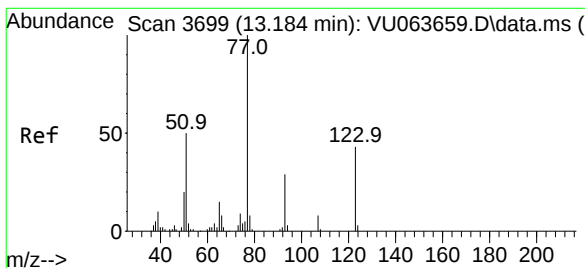
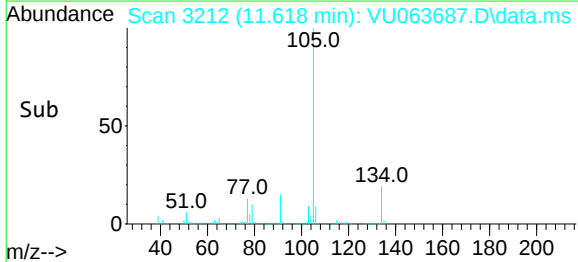
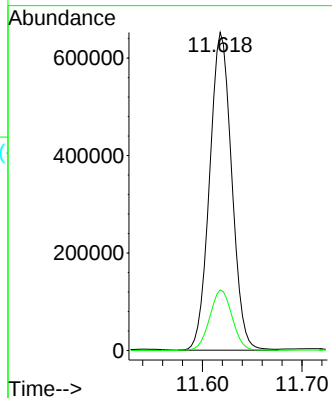
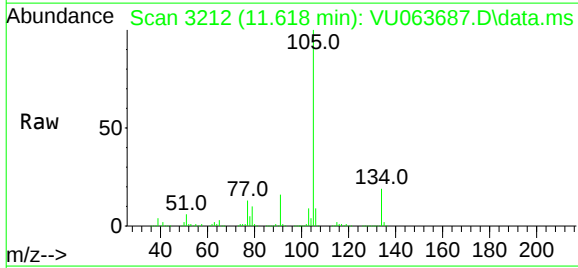
VSTDCCC010EC

Tgt Ion:105 Resp: 1005687

Ion Ratio Lower Upper

105 100

134 19.4 15.7 23.5



#80

Nitrobenzene

Concen: 23.309 ug/l

RT: 13.184 min Scan# 3699

Delta R.T. 0.000 min

Lab File: VU063687.D

Acq: 07 Nov 2025 15:45

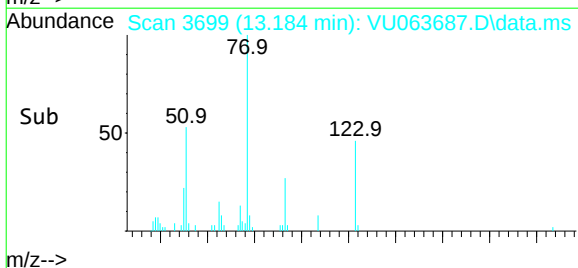
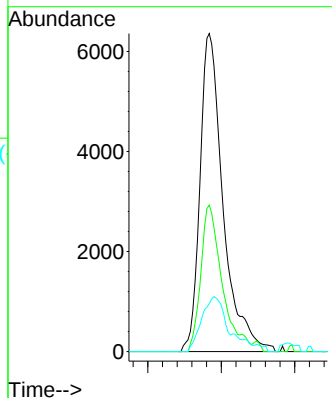
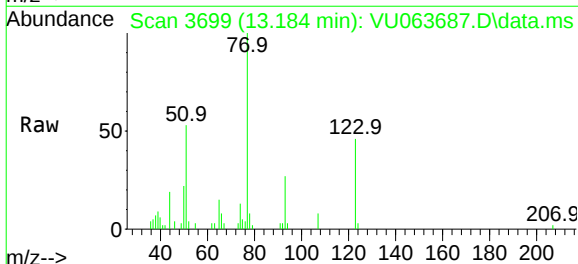
Tgt Ion: 77 Resp: 13880

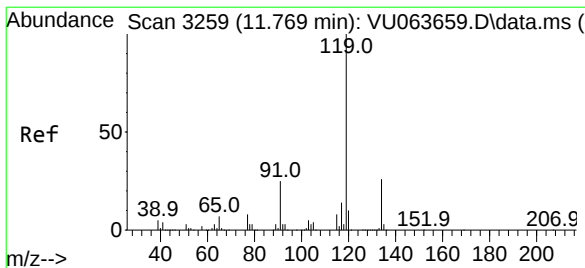
Ion Ratio Lower Upper

77 100

123 39.7 18.2 64.4

65 17.7 13.6 17.2#

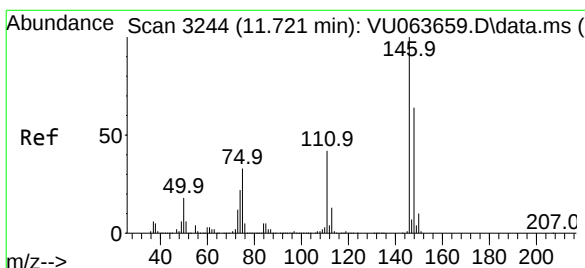
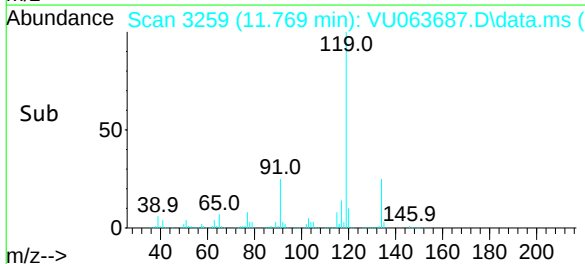
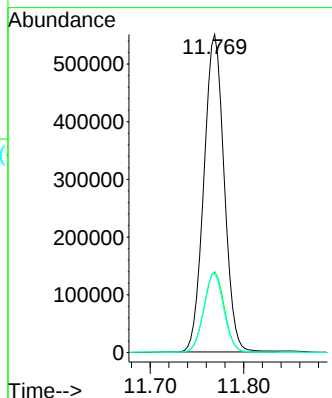
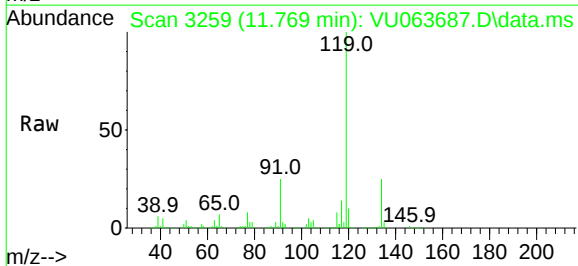




#81
p-Isopropyltoluene
Concen: 10.367 ug/l
RT: 11.769 min Scan# 3259
Delta R.T. 0.000 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

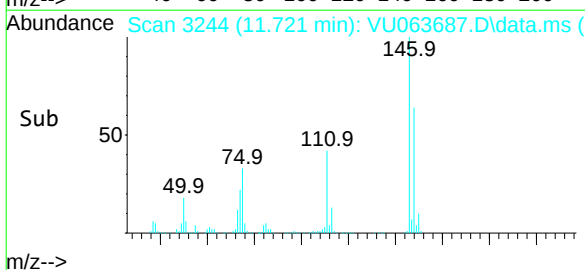
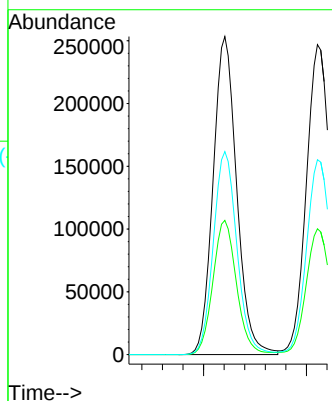
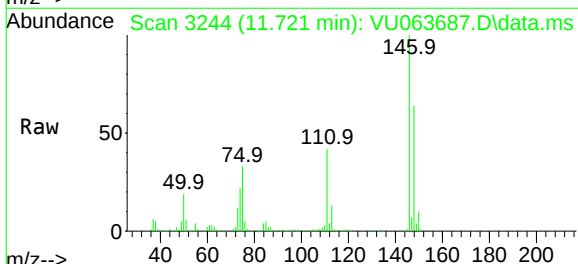
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

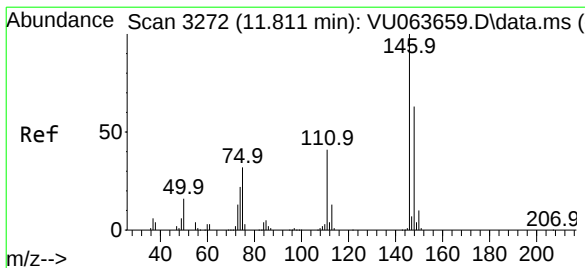
Tgt Ion:119 Resp: 829227
Ion Ratio Lower Upper
119 100
134 25.1 20.3 30.5
91 24.7 20.1 30.1



#82
1,3-Dichlorobenzene
Concen: 10.528 ug/l
RT: 11.721 min Scan# 3244
Delta R.T. 0.000 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

Tgt Ion:146 Resp: 404214
Ion Ratio Lower Upper
146 100
111 42.2 33.8 50.8
148 63.9 50.8 76.2





#83

1,4-Dichlorobenzene

Concen: 10.579 ug/l

RT: 11.811 min Scan# 3272

Delta R.T. 0.000 min

Lab File: VU063687.D

Acq: 07 Nov 2025 15:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

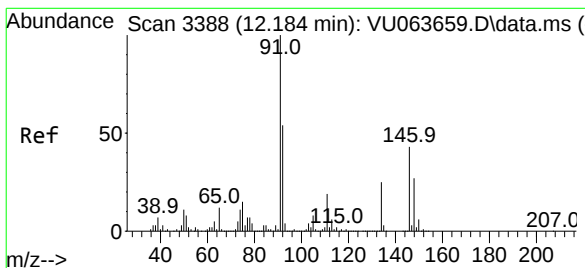
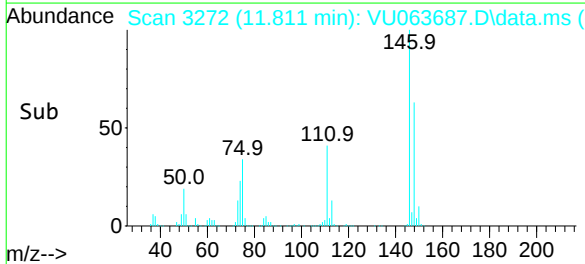
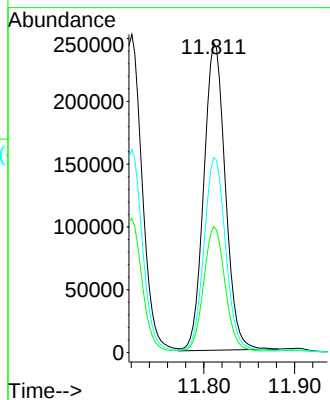
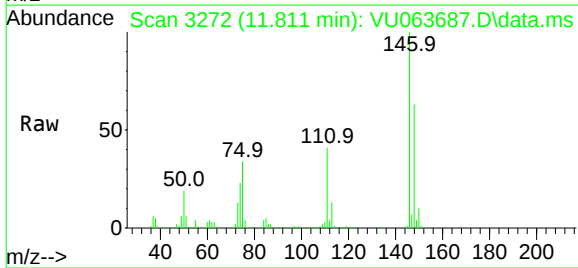
Tgt Ion:146 Resp: 403585

Ion Ratio Lower Upper

146 100

111 40.4 33.0 49.4

148 63.4 50.6 76.0



#84

n-Butylbenzene

Concen: 10.479 ug/l

RT: 12.184 min Scan# 3388

Delta R.T. 0.000 min

Lab File: VU063687.D

Acq: 07 Nov 2025 15:45

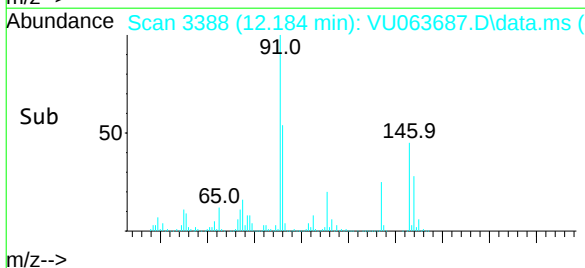
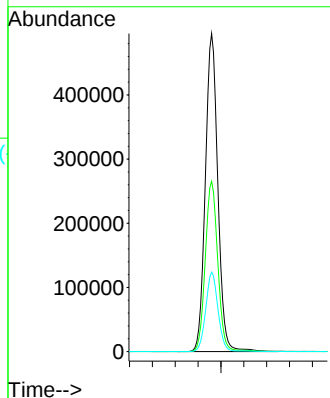
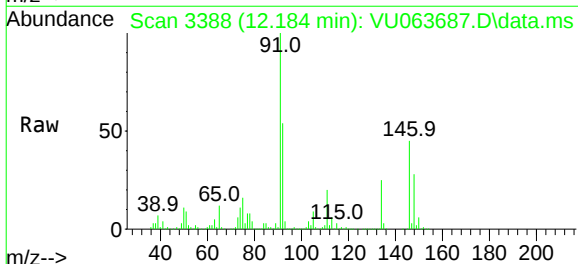
Tgt Ion: 91 Resp: 751256

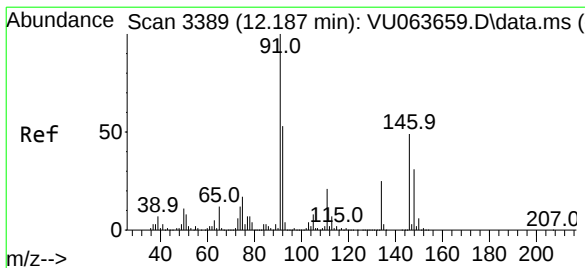
Ion Ratio Lower Upper

91 100

92 53.8 43.1 64.7

134 24.7 19.7 29.5





#85

1,2-Dichlorobenzene

Concen: 10.524 ug/l

RT: 12.187 min Scan# 3389

Delta R.T. 0.000 min

Lab File: VU063687.D

Acq: 07 Nov 2025 15:45

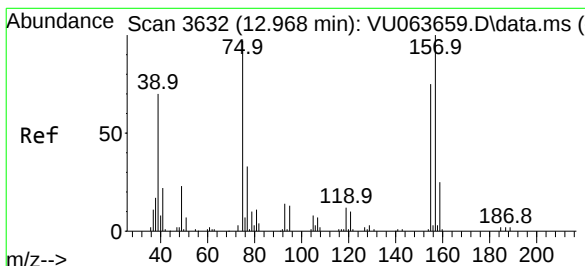
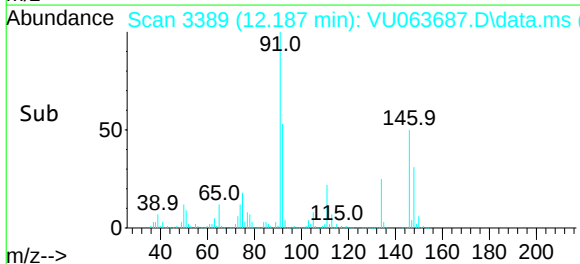
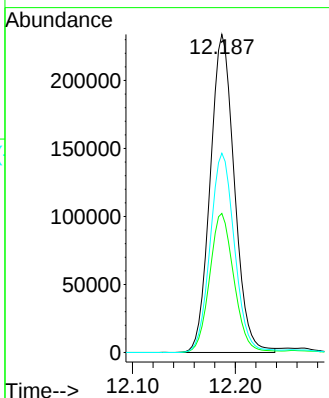
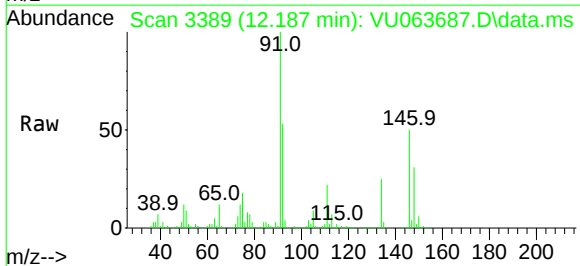
Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion:146 Resp: 382151
 Ion Ratio Lower Upper
 146 100
 111 43.9 22.2 66.6
 148 63.3 31.9 95.5



#86

1,2-Dibromo-3-Chloropropane

Concen: 8.974 ug/l

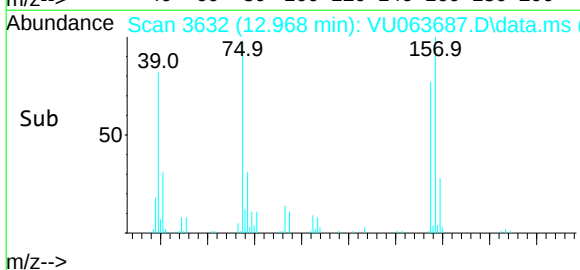
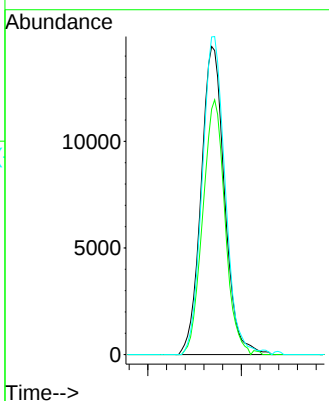
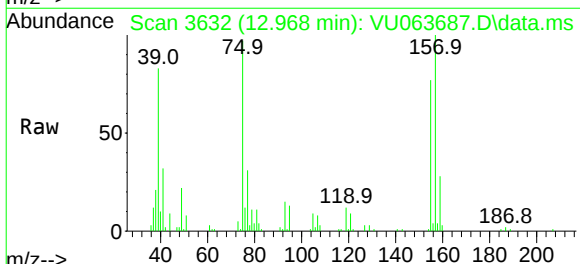
RT: 12.968 min Scan# 3632

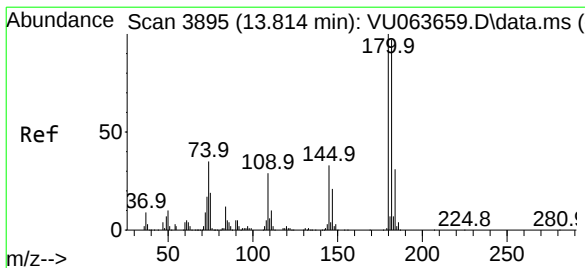
Delta R.T. 0.000 min

Lab File: VU063687.D

Acq: 07 Nov 2025 15:45

Tgt Ion: 75 Resp: 25177
 Ion Ratio Lower Upper
 75 100
 155 78.3 62.2 93.4
 157 100.7 81.3 121.9





#87

1,2,4-Trichlorobenzene

Concen: 10.679 ug/l

RT: 13.814 min Scan# 3895

Delta R.T. 0.000 min

Lab File: VU063687.D

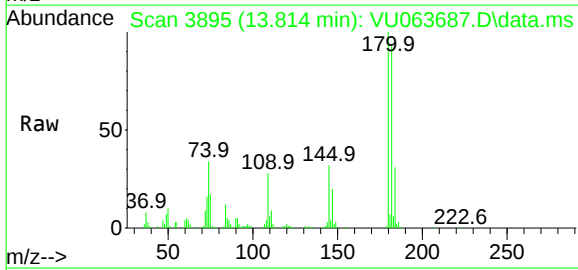
Acq: 07 Nov 2025 15:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC



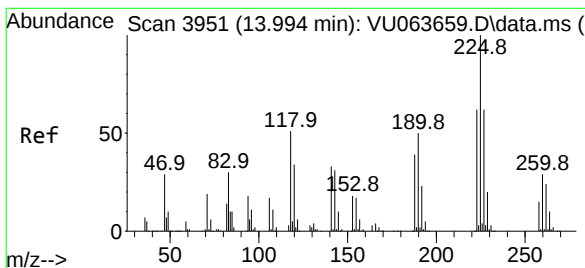
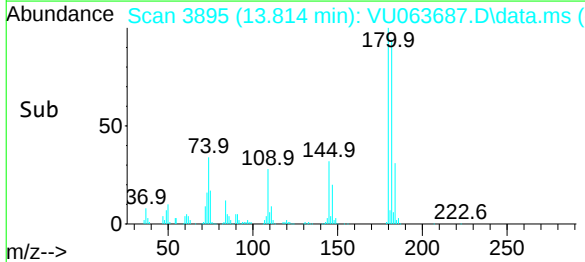
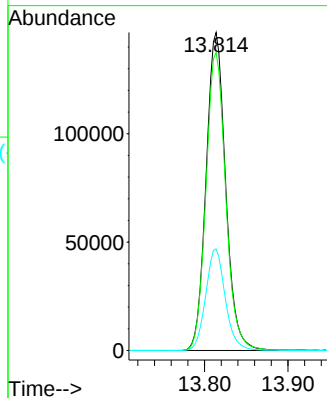
Tgt Ion:180 Resp: 238907

Ion Ratio Lower Upper

180 100

182 94.5 76.4 114.6

145 32.0 26.2 39.2



#88

Hexachlorobutadiene

Concen: 10.956 ug/l

RT: 13.994 min Scan# 3951

Delta R.T. 0.000 min

Lab File: VU063687.D

Acq: 07 Nov 2025 15:45

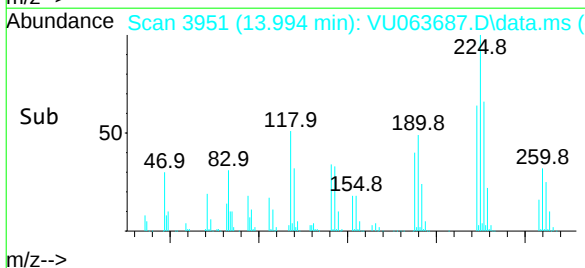
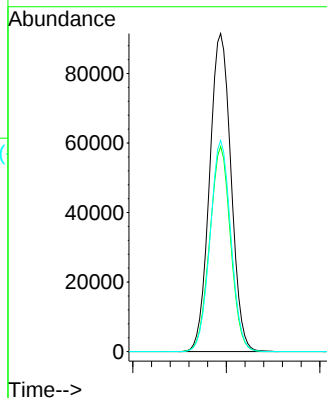
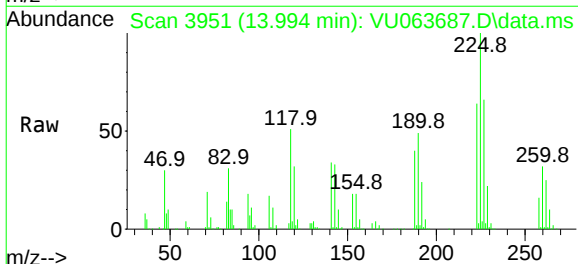
Tgt Ion:225 Resp: 145920

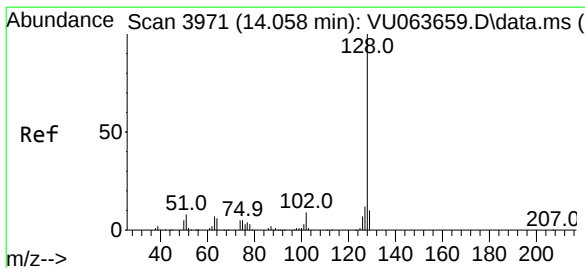
Ion Ratio Lower Upper

225 100

223 62.6 50.2 75.4

227 64.2 50.0 75.0





#89

Naphthalene

Concen: 9.269 ug/l

RT: 14.058 min Scan# 3971

Delta R.T. 0.000 min

Lab File: VU063687.D

Acq: 07 Nov 2025 15:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

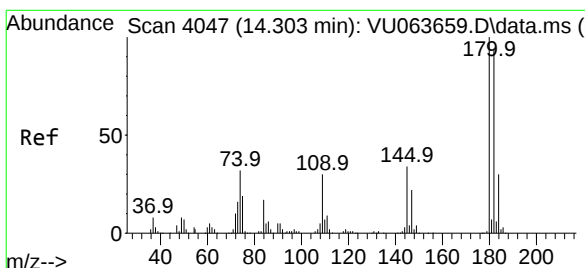
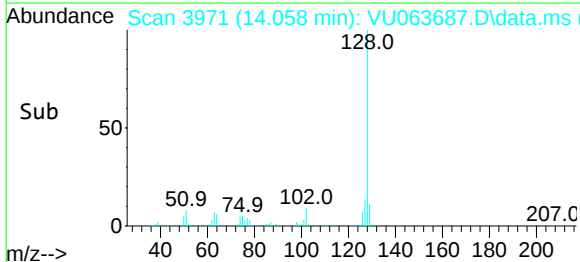
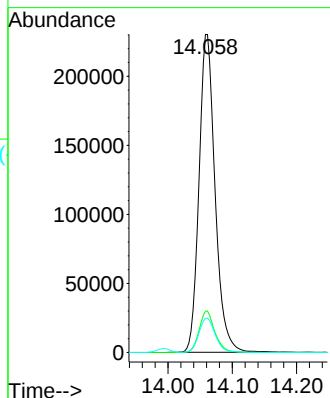
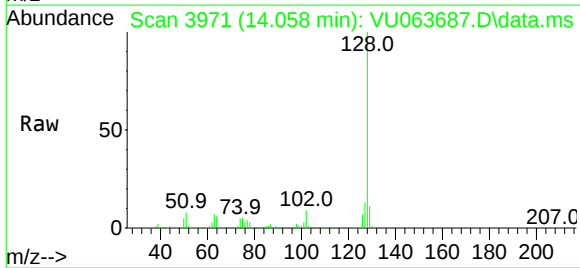
Tgt Ion:128 Resp: 398932

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

129 11.0 8.6 12.8



#90

1,2,3-Trichlorobenzene

Concen: 10.786 ug/l

RT: 14.303 min Scan# 4047

Delta R.T. 0.000 min

Lab File: VU063687.D

Acq: 07 Nov 2025 15:45

Tgt Ion:180 Resp: 220599

Ion Ratio Lower Upper

180 100

182 93.0 75.4 113.0

145 32.8 27.4 41.2

