

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091525\
 Data File : VU063584.D
 Acq On : 15 Sep 2025 17:45
 Operator : MD/SY
 Sample : VSTDCCC010
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 16 04:59:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U091225DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Sat Sep 13 03:31:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.097	96	40369	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.624	95	12730	0.846	ug/l	0.00
Spiked Amount 1.000			Recovery	=	85.000%	
68) 1,2-Dichlorobenzene-d4	12.184	152	14163	0.924	ug/l	0.00
Spiked Amount 1.000			Recovery	=	92.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	106844	8.020	ug/l	99
3) Chloromethane	1.518	50	101897	7.810	ug/l	96
4) Vinyl Chloride	1.599	62	113001	7.995	ug/l	99
5) Bromomethane	1.834	94	64685	7.413	ug/l	99
6) Chloroethane	1.917	64	69449	7.642	ug/l	98
7) Trichlorofluoromethane	2.126	101	166110	8.008	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.570	101	92165	7.936	ug/l	99
9) 1,1-Dichloroethene	2.567	96	82422	7.835	ug/l	98
10) Iodomethane	2.708	142	125970	8.323	ug/l	100
11) Allyl Chloride	2.911	41	134161	7.670	ug/l	99
12) Acrylonitrile	3.303	53	51158	16.066	ug/l	98
13) Acetone	2.615	43	107942	23.945	ug/l	100
14) Carbon Disulfide	2.779	76	157428	7.163	ug/l	99
15) Methylene Chloride	3.030	84	110754	7.968	ug/l	100
16) trans-1,2-Dichloroethene	3.338	96	90401	8.064	ug/l	95
17) 1,1-Dichloroethane	3.853	63	204900	7.980	ug/l	99
18) 2-Butanone	4.705	43	163920	31.927	ug/l	99
19) Cyclohexane	5.367	56	157327	7.651	ug/l	91
20) Methylcyclohexane	6.740	83	151184	8.019	ug/l	99
21) 2,2-Dichloropropane	4.647	77	138702	7.303	ug/l	99
22) cis-1,2-Dichloroethene	4.650	96	108829	7.908	ug/l	99
23) Diethyl Ether	2.367	59	74164	7.954	ug/l	99
24) tert-Butyl Alcohol	3.181	59	91509	74.045	ug/l	99
25) Methyl tert-Butyl Ether	3.358	73	249064	7.928	ug/l	99
26) Bromochloromethane	4.956	128	46961	8.443	ug/l	95
27) Chloroform	5.071	83	204334	7.952	ug/l	98
28) 1,1,1-Trichloroethane	5.296	97	161271	8.165	ug/l	99
29) 1,1-Dichloropropene	5.509	75	154421	8.415	ug/l	97
30) Carbon Tetrachloride	5.502	117	126309	8.686	ug/l	98
31) Isopropyl Ether	3.988	45	336129	7.810	ug/l	99
32) Ethyl-t-butyl ether	4.499	59	285584	7.768	ug/l	100
33) Tert-Amyl methyl ether	5.936	73	300626	9.598	ug/l	99
34) Propionitrile	4.766	54	47814	39.815	ug/l	97
35) Benzene	5.756	78	485406	9.188	ug/l	97
36) 1,2-Dichloroethane	5.779	62	171865	9.641	ug/l	97
37) Trichloroethene	6.521	130	107074	8.143	ug/l	96
38) 1,2-Dichloropropane	6.775	63	120606	8.617	ug/l	97
39) Methacrylonitrile	4.968	41	42866	7.562	ug/l	97
40) Methyl acrylate	4.840	55	56057	7.213	ug/l	# 98
41) Tetrahydrofuran	5.052	42	42620	14.422	ug/l	96
42) 1-Chlorobutane	5.441	56	227539	8.844	ug/l	98
43) Dibromomethane	6.901	93	56248	8.382	ug/l	99
44) Bromodichloromethane	7.091	83	124757	8.701	ug/l	100

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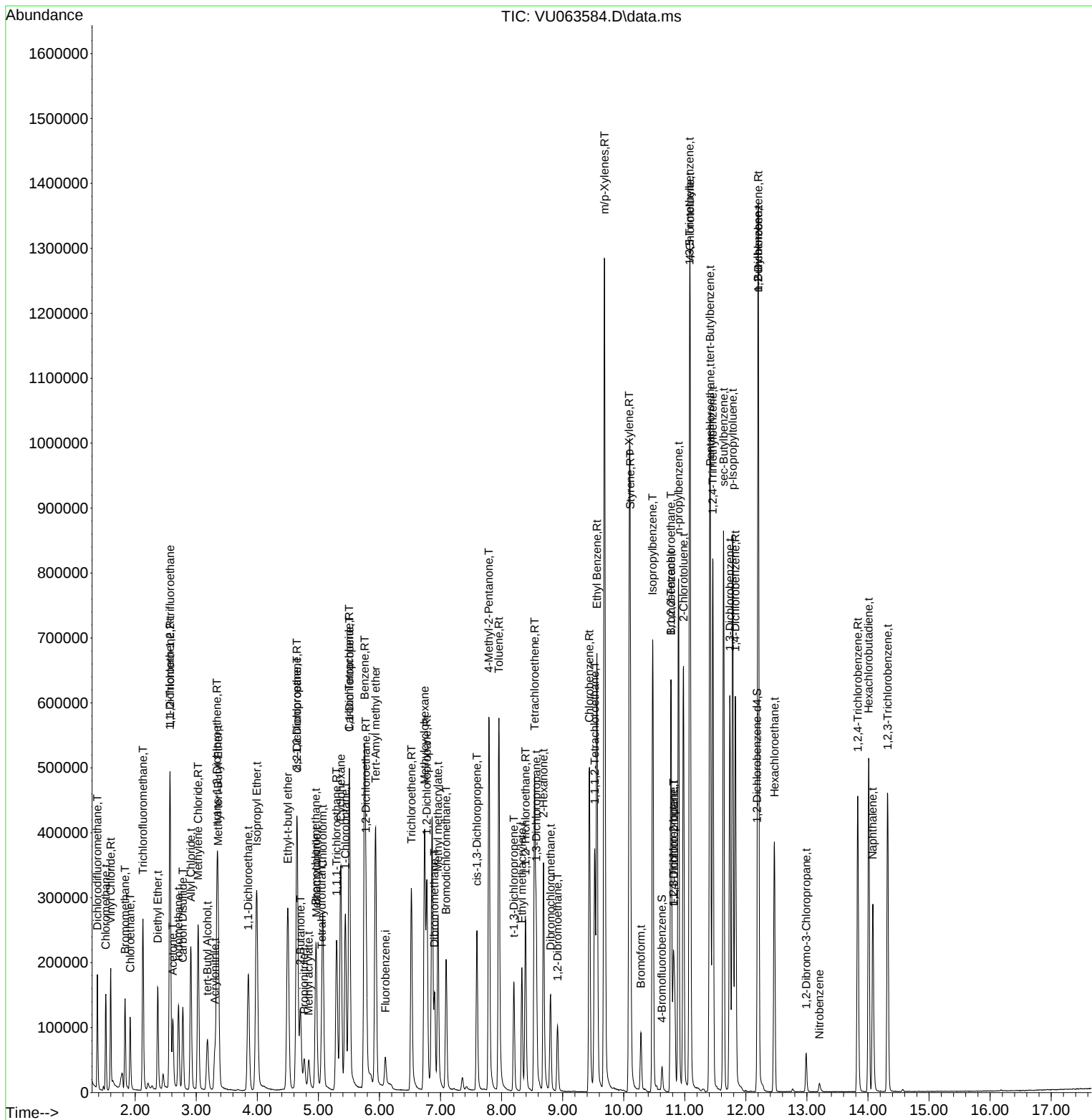
Instrument :
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 ClientSampleId :

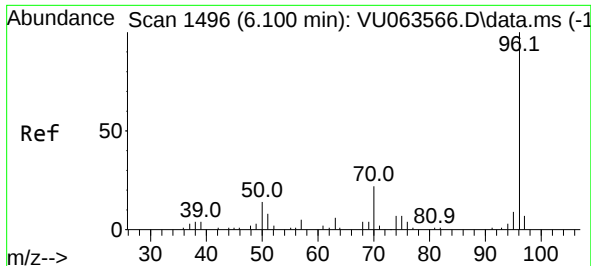
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U091225DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Sat Sep 13 03:31:19 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.791	43	399409	47.524	ug/l	99
46) t-1,4-Dichloro-2-butene	10.814	75	103169	32.808	ug/l #	68
47) Methyl methacrylate	6.959	69	107069	17.835	ug/l	95
48) Ethyl methacrylate	8.332	69	96266	8.646	ug/l	99
49) Toluene	7.955	92	250432	8.734	ug/l	99
50) t-1,3-Dichloropropene	8.200	75	84753	7.891	ug/l	95
51) cis-1,3-Dichloropropene	7.595	75	132165	9.250	ug/l	96
52) 1,1,2-Trichloroethane	8.390	97	79923	8.414	ug/l	98
53) 1,3-Dichloropropane	8.566	76	137896	8.356	ug/l	100
54) 2-Hexanone	8.685	43	234166	38.128	ug/l	99
55) Dibromochloromethane	8.801	129	75455	8.197	ug/l	98
56) 1,2-Dibromoethane	8.914	107	68730	8.388	ug/l	100
58) Tetrachloroethene	8.541	164	104780	8.091	ug/l	97
59) Chlorobenzene	9.438	112	277915	8.412	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.525	131	89560	8.299	ug/l	98
61) Pentachloroethane	11.418	117	65859	8.515	ug/l	100
62) Hexachloroethane	12.467	117	59002	8.770	ug/l	96
63) Ethyl Benzene	9.560	91	480846	8.524	ug/l	98
64) m/p-Xylenes	9.685	106	376466	17.367	ug/l	99
65) o-Xylene	10.090	106	184685	8.512	ug/l	99
66) Styrene	10.107	104	312428	9.020	ug/l	100
67) Bromoform	10.280	173	38385	8.371	ug/l	99
69) Isopropylbenzene	10.473	105	451963	8.581	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.772	83	103859	8.587	ug/l	99
71) 1,2,3-Trichloropropane	10.814	75	103169	11.506	ug/l #	84
72) Bromobenzene	10.772	156	119275	8.729	ug/l	98
73) n-propylbenzene	10.897	120	134501	8.834	ug/l	95
74) 2-Chlorotoluene	10.978	126	121048	8.794	ug/l	99
75) 1,3,5-Trimethylbenzene	11.078	105	440713	8.947	ug/l	99
76) 4-Chlorotoluene	11.087	126	123293	8.551	ug/l	99
77) tert-Butylbenzene	11.412	119	415512	8.725	ug/l	100
78) 1,2,4-Trimethylbenzene	11.457	105	439477	9.167	ug/l	99
79) sec-Butylbenzene	11.634	105	572209	8.869	ug/l	100
80) Nitrobenzene	13.203	77	7834	35.214	ug/l #	94
81) p-Isopropyltoluene	11.785	119	472621	9.104	ug/l	100
82) 1,3-Dichlorobenzene	11.737	146	239807	8.721	ug/l	99
83) 1,4-Dichlorobenzene	11.827	146	240242	8.506	ug/l	99
84) n-Butylbenzene	12.200	91	438354	9.010	ug/l	100
85) 1,2-Dichlorobenzene	12.203	146	231249	8.719	ug/l	100
86) 1,2-Dibromo-3-Chloropr...	12.987	75	14215	9.119	ug/l	96
87) 1,2,4-Trichlorobenzene	13.833	180	136801	8.518	ug/l	98
88) Hexachlorobutadiene	14.010	225	88230	8.829	ug/l	100
89) Naphthalene	14.077	128	245758	8.656	ug/l	99
90) 1,2,3-Trichlorobenzene	14.322	180	140164	9.197	ug/l	100

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

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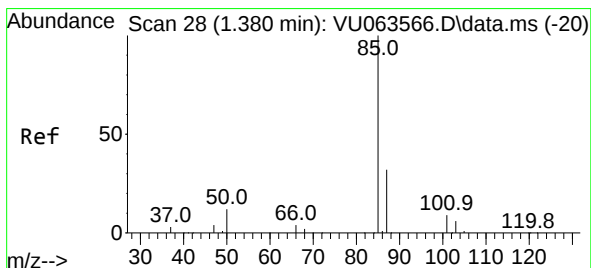
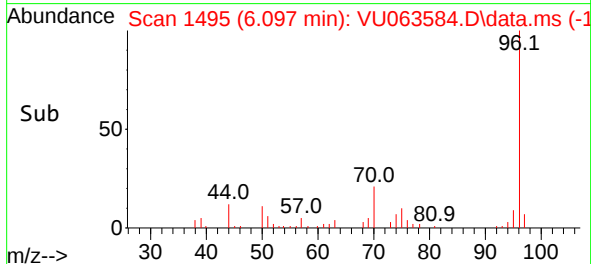
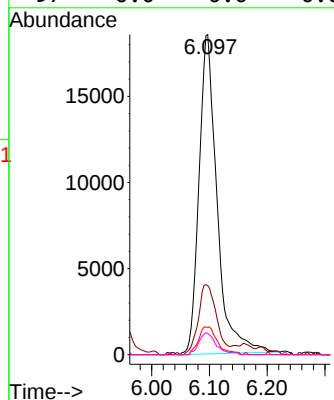
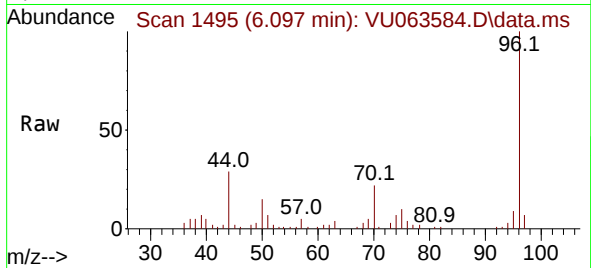




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.097 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU063584.D
Acq: 15 Sep 2025 17:45

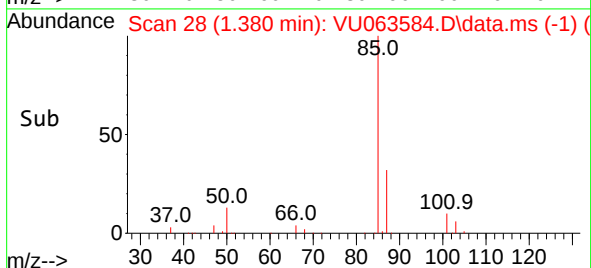
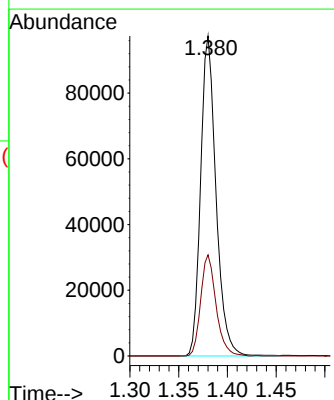
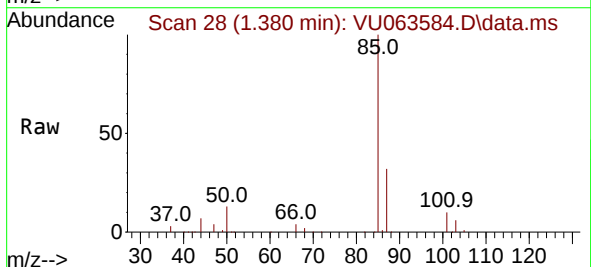
Instrument :
MSVOA_U
ClientSampleId :

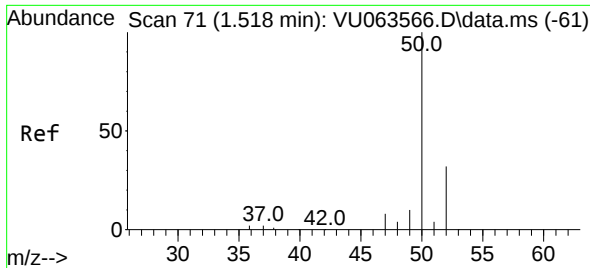
Tgt Ion: 96	Resp: 40369
Ion Ratio	Lower Upper
96 100	
70 19.2	15.5 23.3
95 9.0	7.7 11.5
97 0.0	0.0 0.0



#2
Dichlorodifluoromethane
Concen: 8.020 ug/l
RT: 1.380 min Scan# 28
Delta R.T. 0.000 min
Lab File: VU063584.D
Acq: 15 Sep 2025 17:45

Tgt Ion: 85	Resp: 106844
Ion Ratio	Lower Upper
85 100	
87 31.6	16.1 48.2

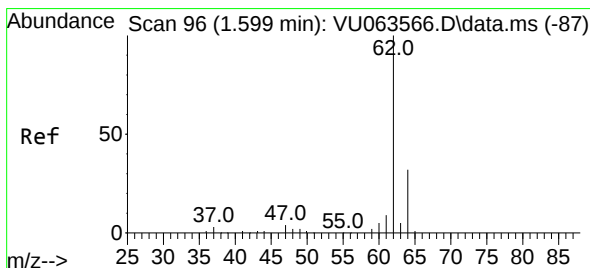
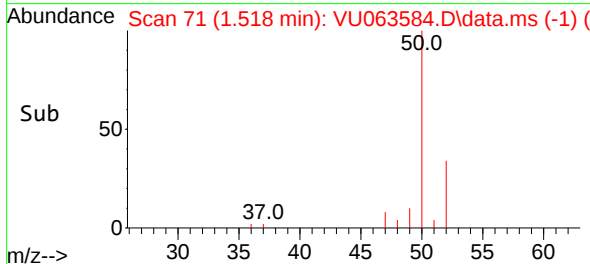
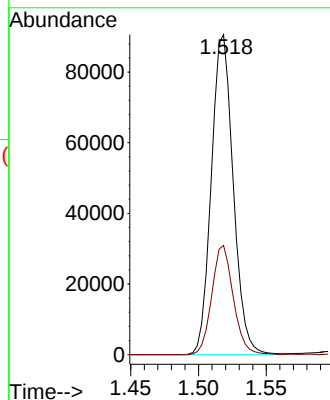
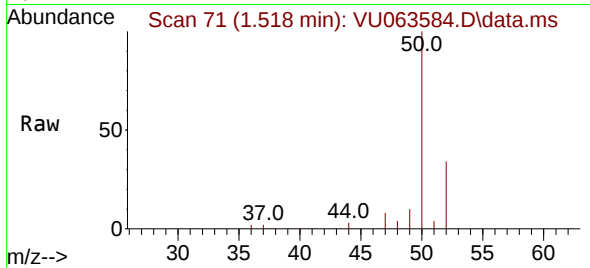




#3
Chloromethane
Concen: 7.810 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU063584.D
Acq: 15 Sep 2025 17:45

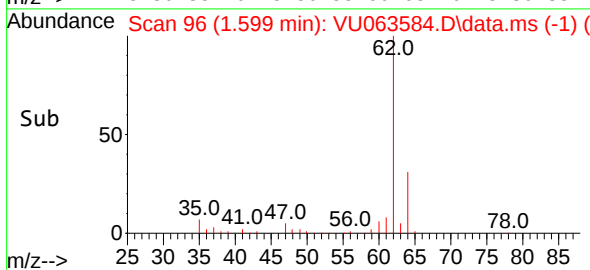
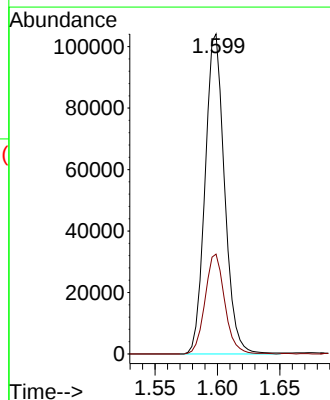
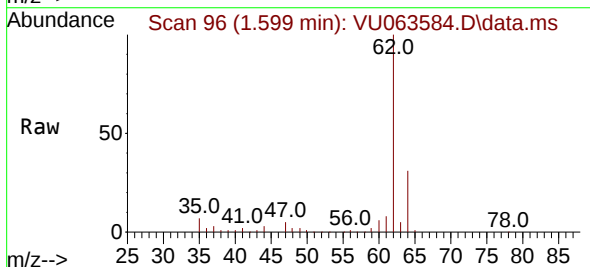
Instrument :
MSVOA_U
ClientSampleId :

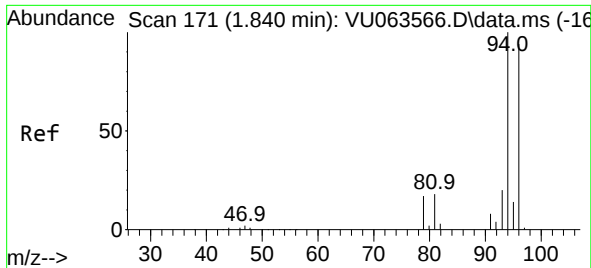
Tgt Ion: 50 Resp: 101897
Ion Ratio Lower Upper
50 100
52 34.2 25.6 38.4



#4
Vinyl Chloride
Concen: 7.995 ug/l
RT: 1.599 min Scan# 96
Delta R.T. 0.000 min
Lab File: VU063584.D
Acq: 15 Sep 2025 17:45

Tgt Ion: 62 Resp: 113001
Ion Ratio Lower Upper
62 100
64 31.2 25.5 38.3

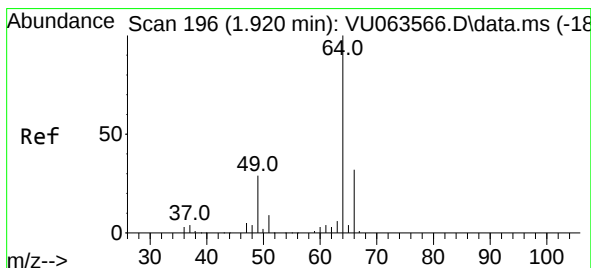
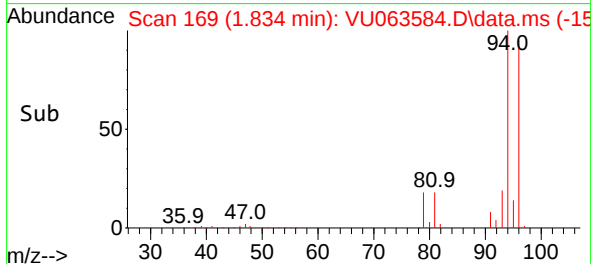
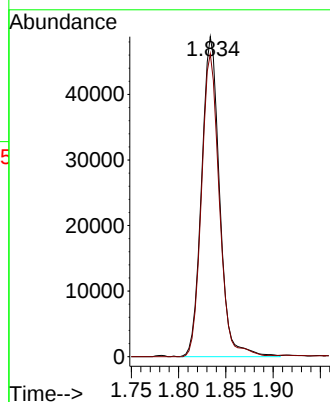
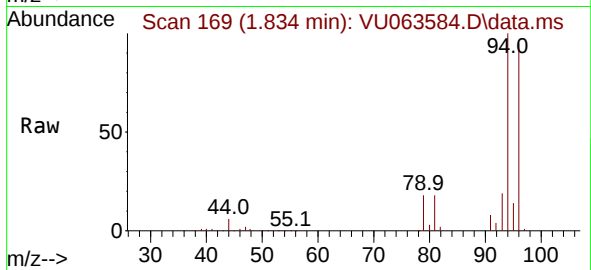




#5
Bromomethane
Concen: 7.413 ug/l
RT: 1.834 min Scan# 1
Delta R.T. -0.006 min
Lab File: VU063584.D
Acq: 15 Sep 2025 17:45

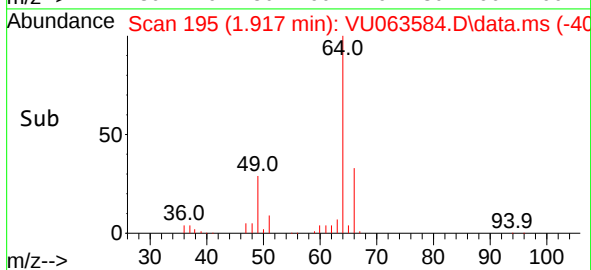
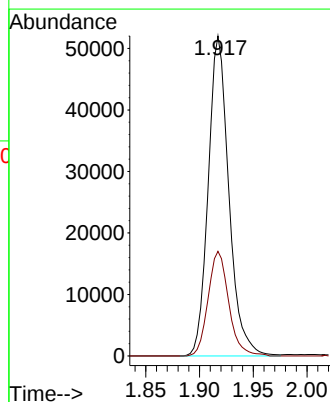
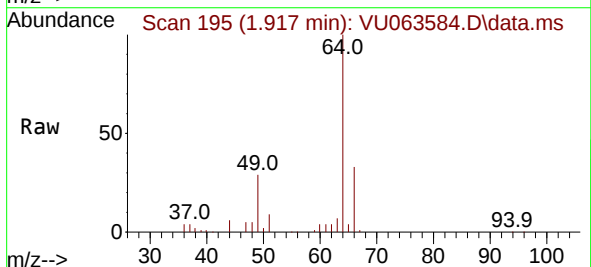
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ClientSampleId :

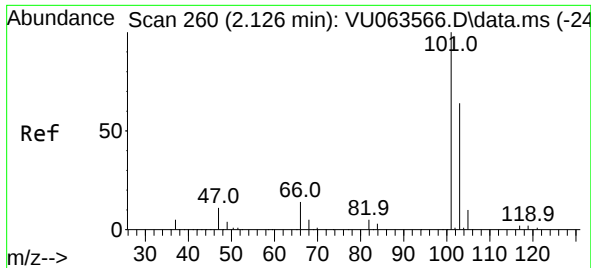
Tgt Ion: 94 Resp: 64685
Ion Ratio Lower Upper
94 100
96 94.7 75.1 112.7



#6
Chloroethane
Concen: 7.642 ug/l
RT: 1.917 min Scan# 195
Delta R.T. -0.003 min
Lab File: VU063584.D
Acq: 15 Sep 2025 17:45

Tgt Ion: 64 Resp: 69449
Ion Ratio Lower Upper
64 100
66 32.7 25.4 38.0

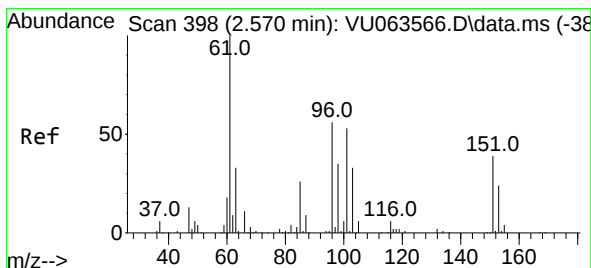
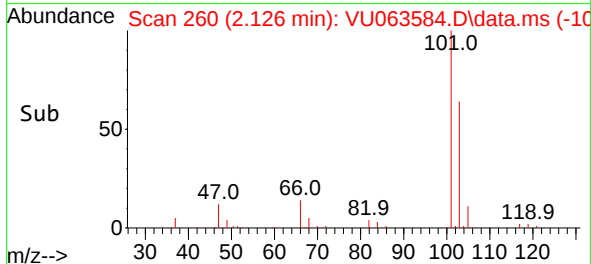
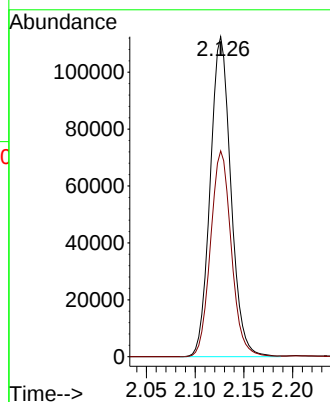
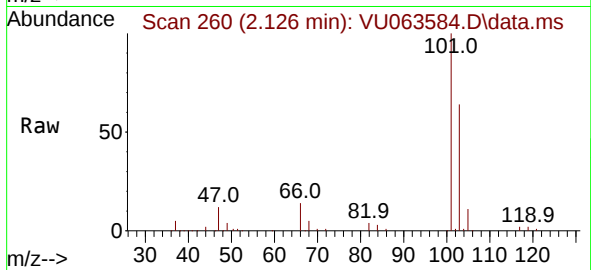




#7
 Trichlorofluoromethane
 Concen: 8.008 ug/l
 RT: 2.126 min Scan# 201
 Delta R.T. 0.000 min
 Lab File: VU063584.D
 Acq: 15 Sep 2025 17:45

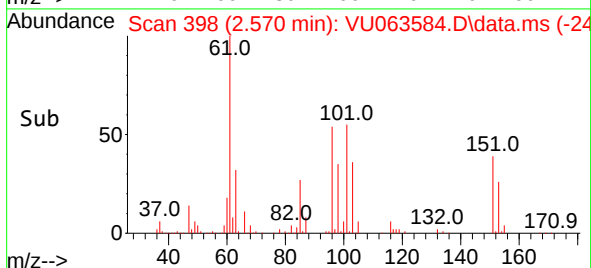
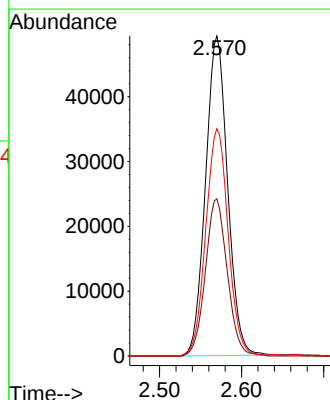
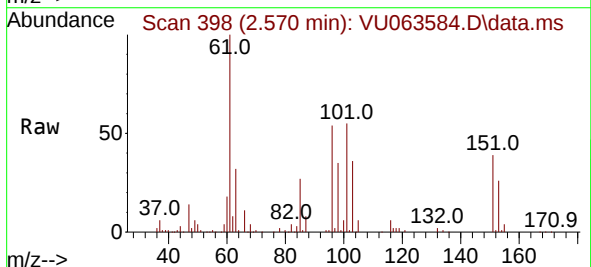
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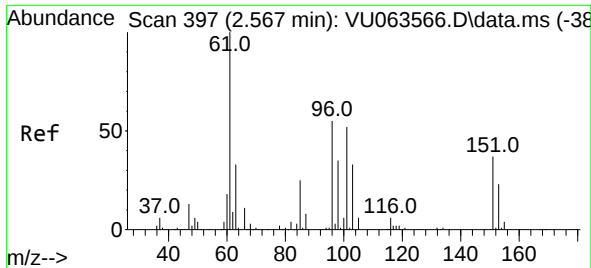
Tgt Ion:101 Resp: 166110
 Ion Ratio Lower Upper
 101 100
 103 64.3 50.8 76.2



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 7.936 ug/l
 RT: 2.570 min Scan# 398
 Delta R.T. 0.000 min
 Lab File: VU063584.D
 Acq: 15 Sep 2025 17:45

Tgt Ion:101 Resp: 92165
 Ion Ratio Lower Upper
 101 100
 85 48.7 38.7 58.1
 151 71.7 58.2 87.2

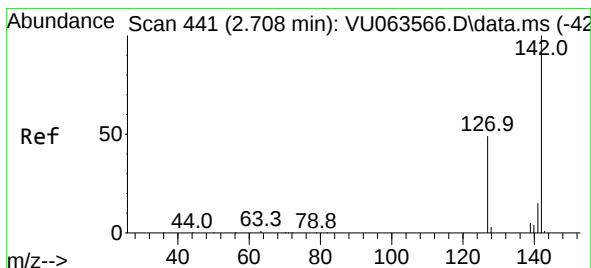
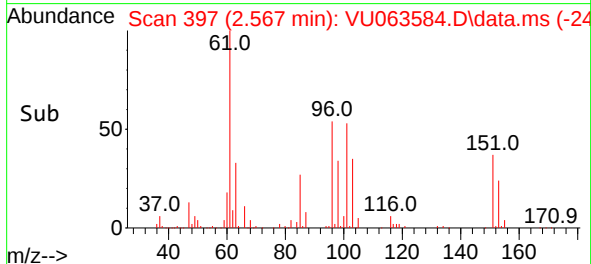
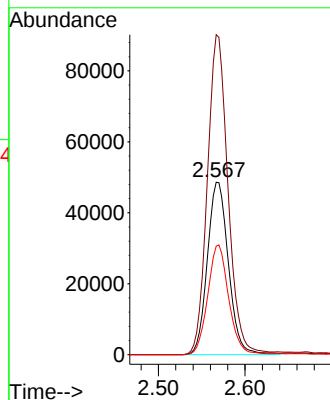
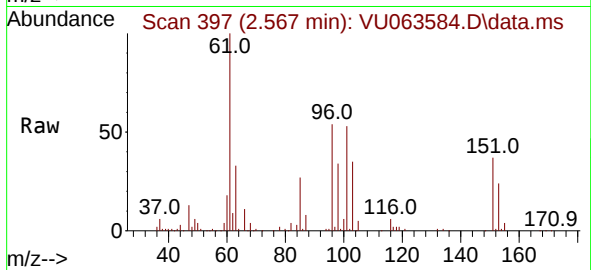




#9
1,1-Dichloroethene
Concen: 7.835 ug/l
RT: 2.567 min Scan# 397
Delta R.T. 0.000 min
Lab File: VU063584.D
Acq: 15 Sep 2025 17:45

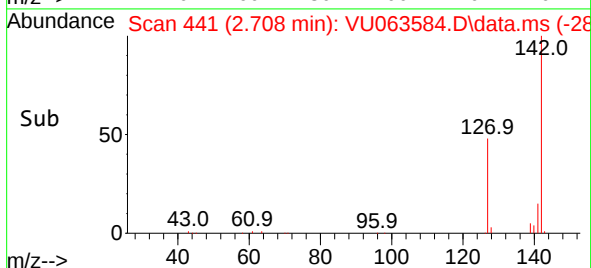
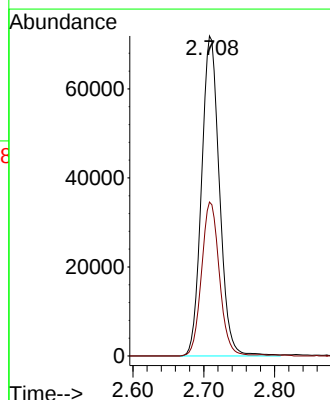
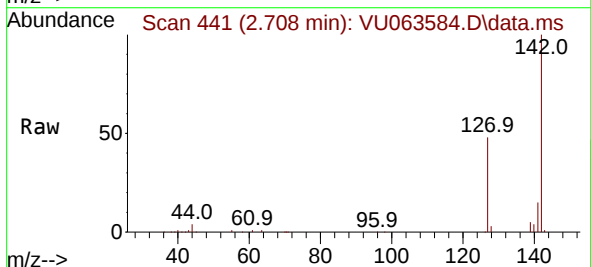
Instrument :
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ClientSampleId :

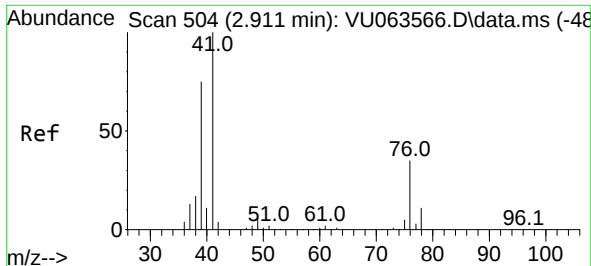
Tgt Ion: 96 Resp: 82422
Ion Ratio Lower Upper
96 100
61 185.5 0.0 543.9
98 62.9 0.0 125.8



#10
Iodomethane
Concen: 8.323 ug/l
RT: 2.708 min Scan# 441
Delta R.T. 0.000 min
Lab File: VU063584.D
Acq: 15 Sep 2025 17:45

Tgt Ion:142 Resp: 125970
Ion Ratio Lower Upper
142 100
127 48.0 38.6 58.0

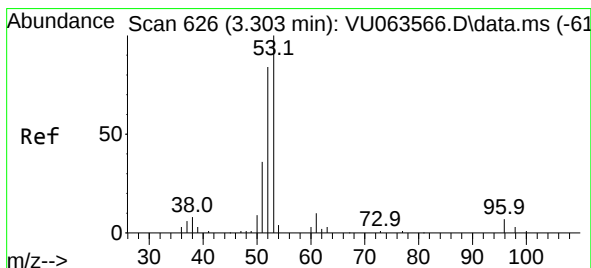
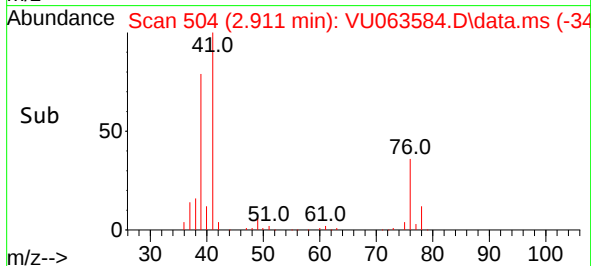
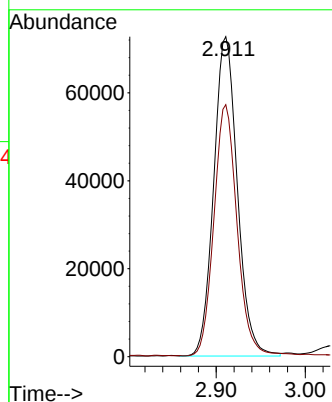
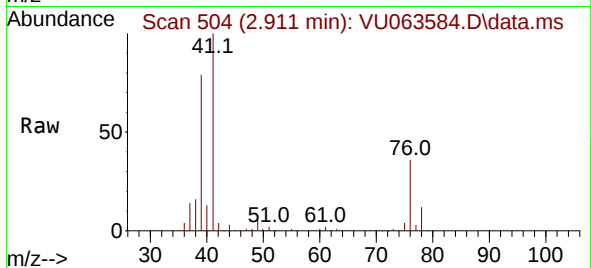




#11
 Allyl Chloride
 Concen: 7.670 ug/l
 RT: 2.911 min Scan# 504
 Delta R.T. 0.000 min
 Lab File: VU063584.D
 Acq: 15 Sep 2025 17:45

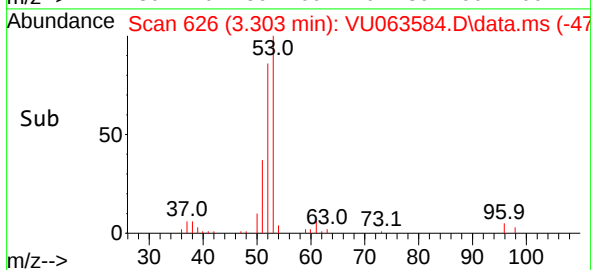
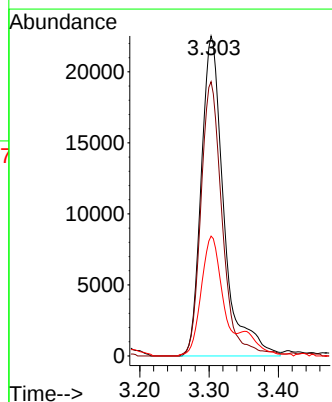
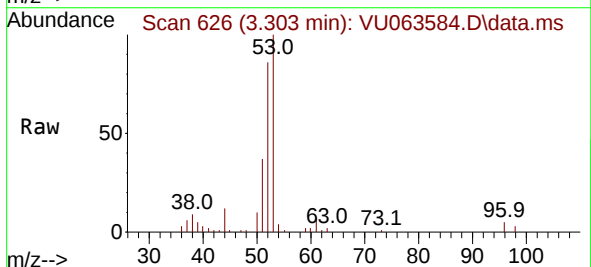
Instrument :
 MSVOA_U
 ClientSampleId :

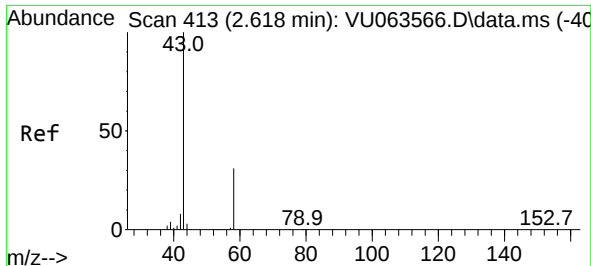
Tgt Ion: 41 Resp: 134161
 Ion Ratio Lower Upper
 41 100
 39 77.2 61.2 91.8



#12
 Acrylonitrile
 Concen: 16.066 ug/l
 RT: 3.303 min Scan# 626
 Delta R.T. 0.000 min
 Lab File: VU063584.D
 Acq: 15 Sep 2025 17:45

Tgt Ion: 53 Resp: 51158
 Ion Ratio Lower Upper
 53 100
 52 81.1 65.0 97.4
 51 34.9 31.2 46.8

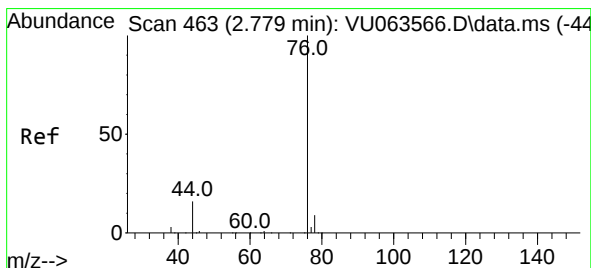
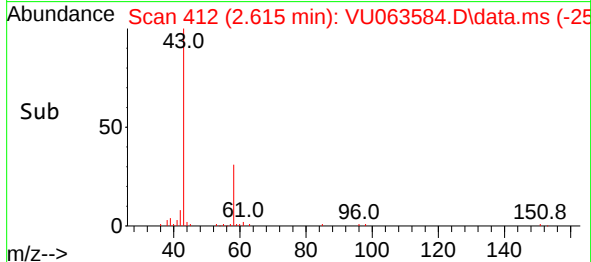
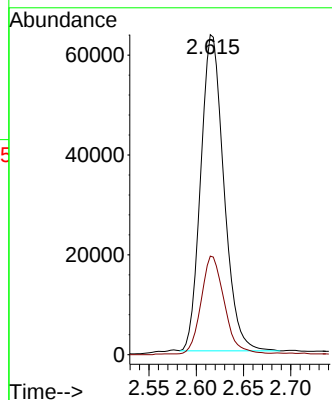
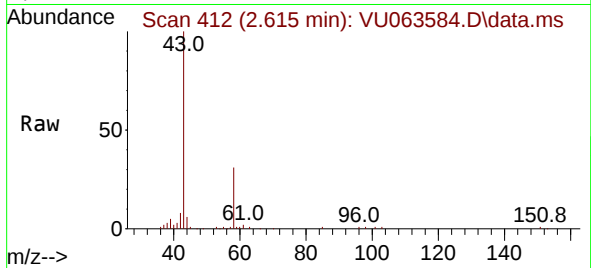




#13
Acetone
Concen: 23.945 ug/l
RT: 2.615 min Scan# 413
Delta R.T. -0.003 min
Lab File: VU063584.D
Acq: 15 Sep 2025 17:45

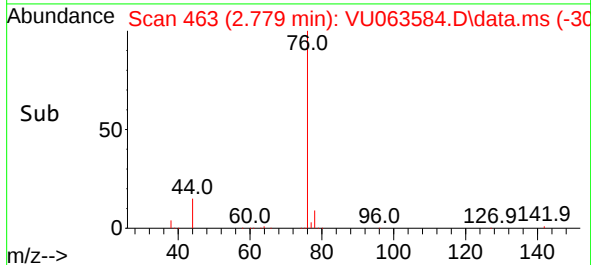
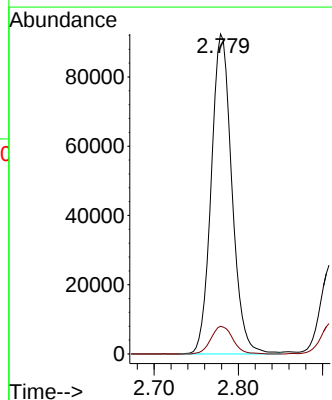
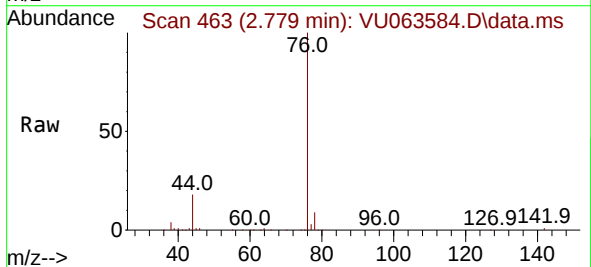
Instrument :
MSVOA_U
ClientSampleId :

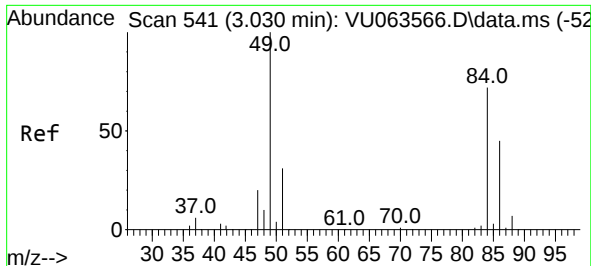
Tgt Ion: 43 Resp: 107942
Ion Ratio Lower Upper
43 100
58 30.9 24.7 37.1



#14
Carbon Disulfide
Concen: 7.163 ug/l
RT: 2.779 min Scan# 463
Delta R.T. 0.000 min
Lab File: VU063584.D
Acq: 15 Sep 2025 17:45

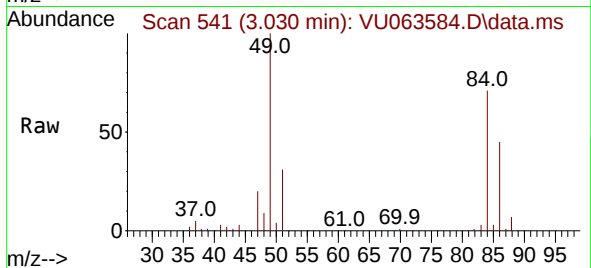
Tgt Ion: 76 Resp: 157428
Ion Ratio Lower Upper
76 100
78 8.6 7.3 10.9



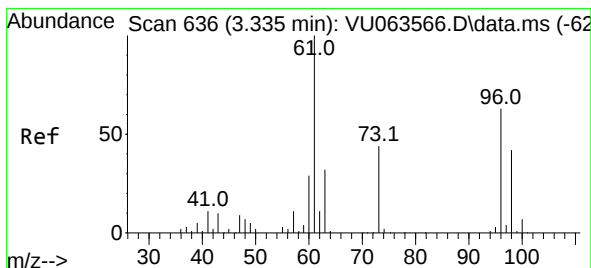
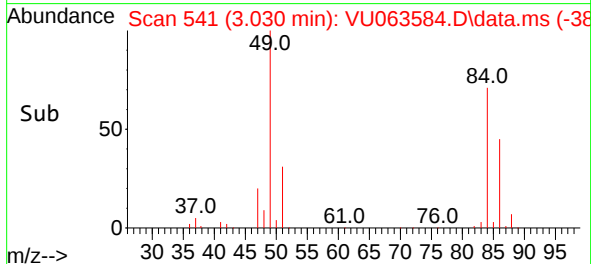
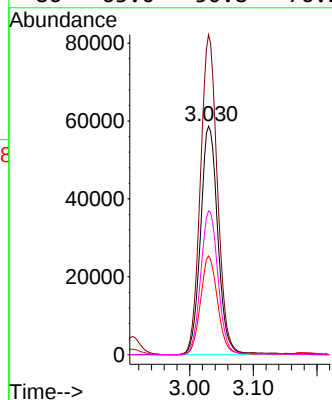


#15
Methylene Chloride
Concen: 7.968 ug/l
RT: 3.030 min Scan# 541
Delta R.T. 0.000 min
Lab File: VU063584.D
Acq: 15 Sep 2025 17:45

Instrument :
MSVOA_U
ClientSampleId :

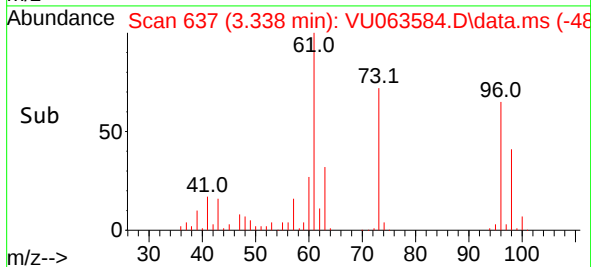
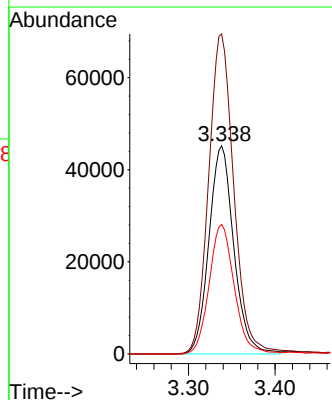
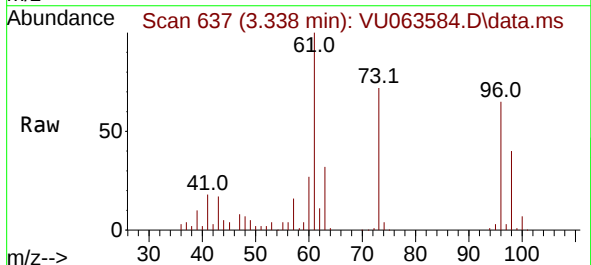


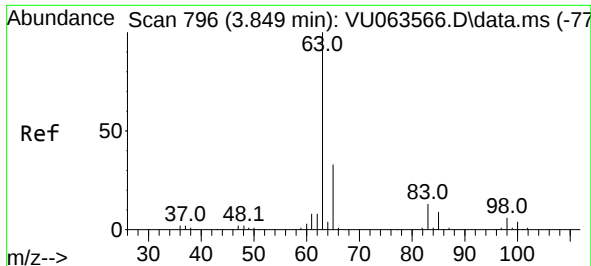
Tgt Ion:	84	Resp:	110754
Ion	Ratio	Lower	Upper
84	100		
49	139.8	111.8	167.6
51	43.2	0.0	86.0
86	63.0	50.8	76.2



#16
trans-1,2-Dichloroethene
Concen: 8.064 ug/l
RT: 3.338 min Scan# 637
Delta R.T. 0.003 min
Lab File: VU063584.D
Acq: 15 Sep 2025 17:45

Tgt Ion:	96	Resp:	90401
Ion	Ratio	Lower	Upper
96	100		
61	153.6	127.8	191.6
98	62.2	53.8	80.8





#17

1,1-Dichloroethane

Concen: 7.980 ug/l

RT: 3.853 min Scan# 796

Delta R.T. 0.003 min

Lab File: VU063584.D

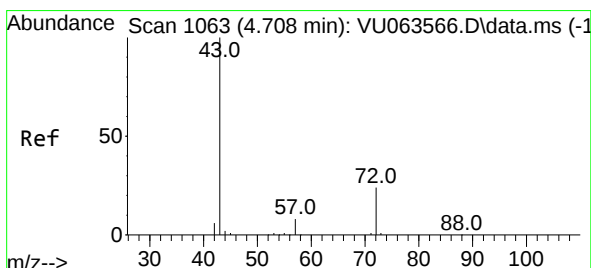
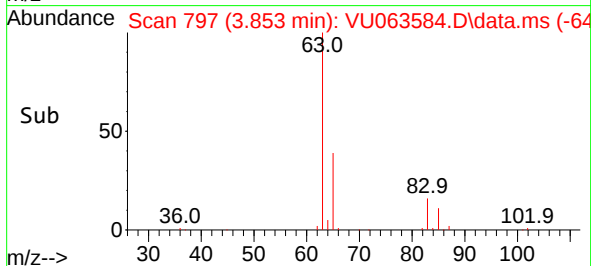
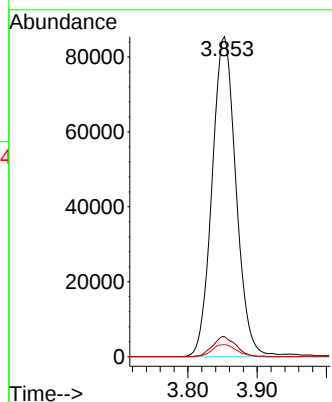
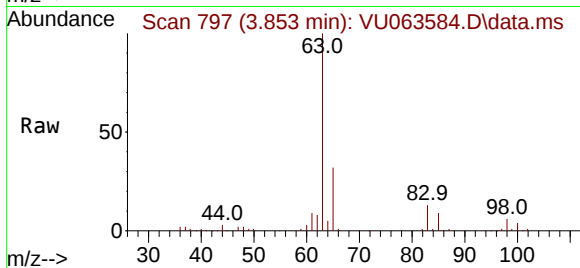
Acq: 15 Sep 2025 17:45

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	204900
Ion Ratio	Lower	Upper	
63	100		
98	6.3	2.9	8.8
100	3.7	2.0	5.8



#18

2-Butanone

Concen: 31.927 ug/l

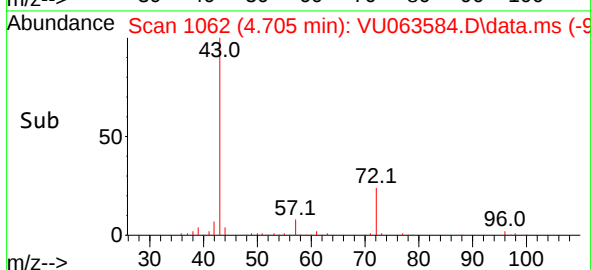
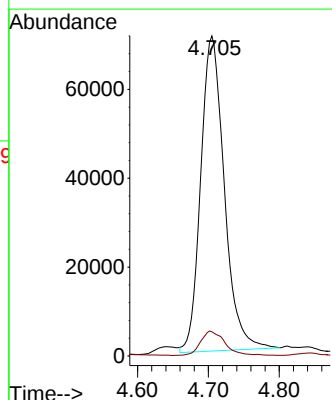
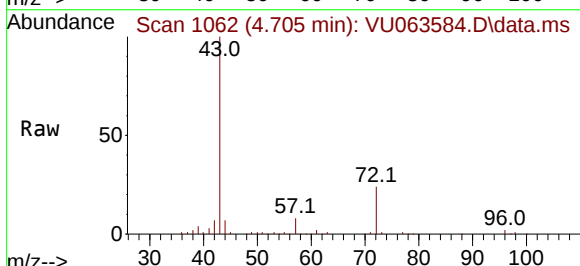
RT: 4.705 min Scan# 1062

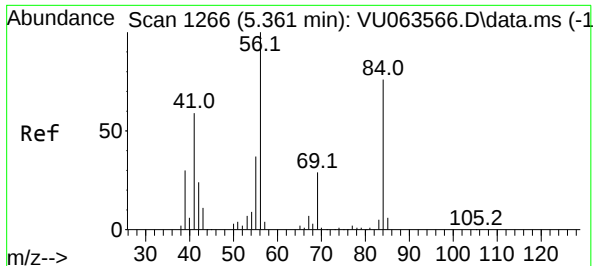
Delta R.T. -0.003 min

Lab File: VU063584.D

Acq: 15 Sep 2025 17:45

Tgt Ion:	43	Resp:	163920
Ion Ratio	Lower	Upper	
43	100		
57	7.6	0.0	15.8





#19

Cyclohexane

Concen: 7.651 ug/l

RT: 5.367 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU063584.D

Acq: 15 Sep 2025 17:45

Instrument :

MSVOA_U

ClientSampleId :

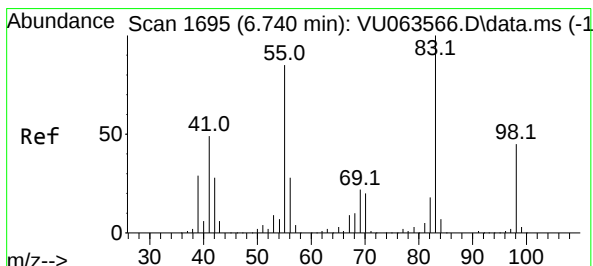
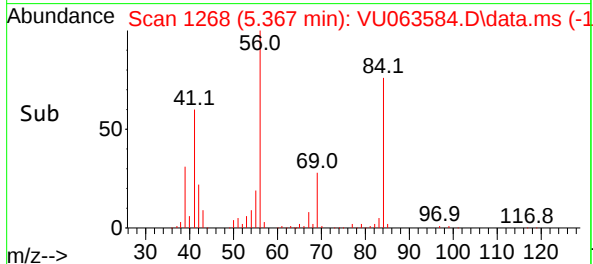
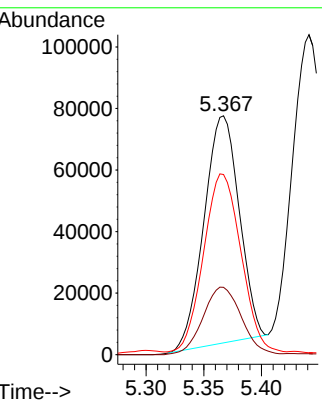
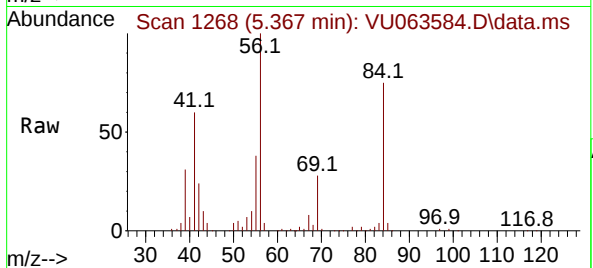
Tgt Ion: 56 Resp: 157327

Ion Ratio Lower Upper

56 100

69 31.7 22.7 34.1

84 82.3 59.4 89.0



#20

Methylcyclohexane

Concen: 8.019 ug/l

RT: 6.740 min Scan# 1695

Delta R.T. 0.000 min

Lab File: VU063584.D

Acq: 15 Sep 2025 17:45

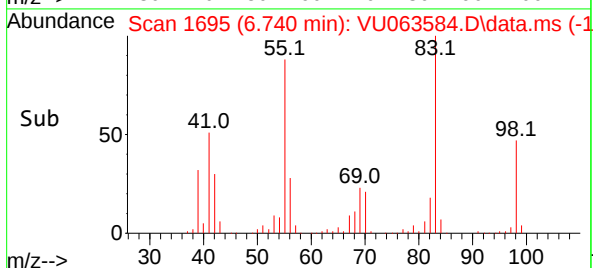
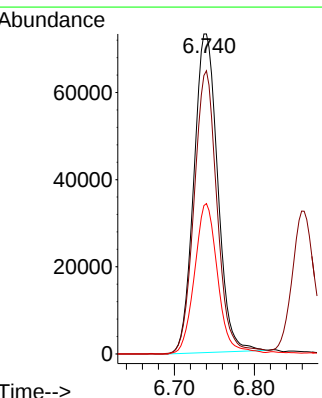
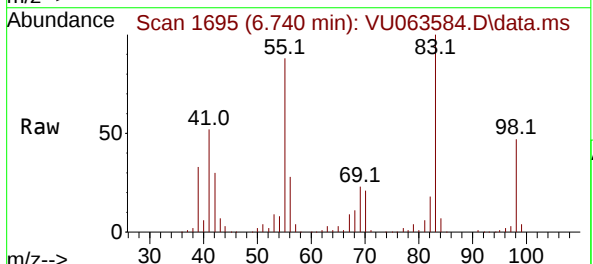
Tgt Ion: 83 Resp: 151184

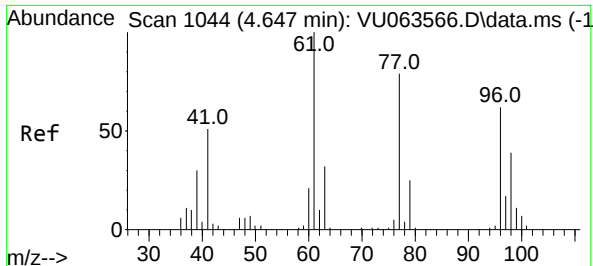
Ion Ratio Lower Upper

83 100

55 84.3 66.7 100.1

98 45.3 35.9 53.9

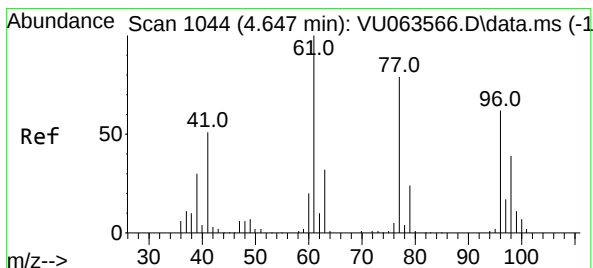
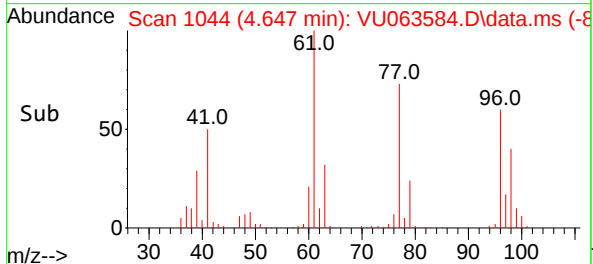
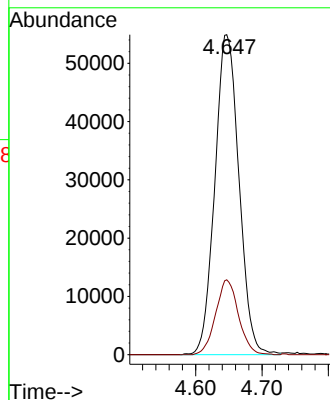
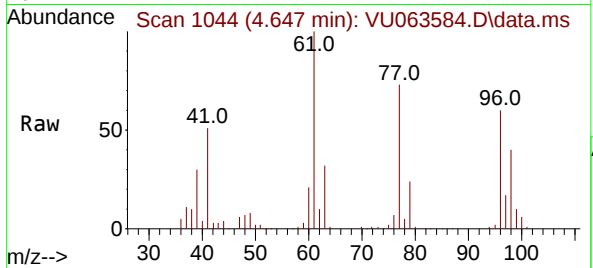




#21
2,2-Dichloropropane
Concen: 7.303 ug/l
RT: 4.647 min Scan# 1044
Delta R.T. 0.000 min
Lab File: VU063584.D
Acq: 15 Sep 2025 17:45

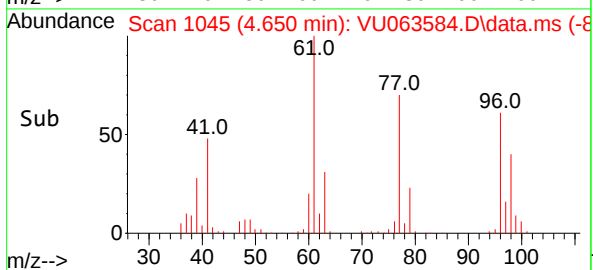
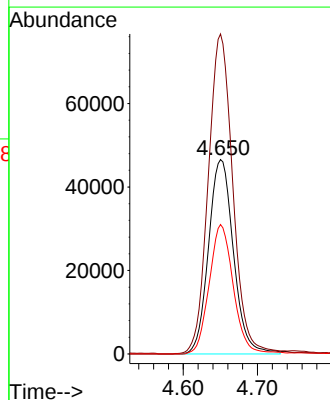
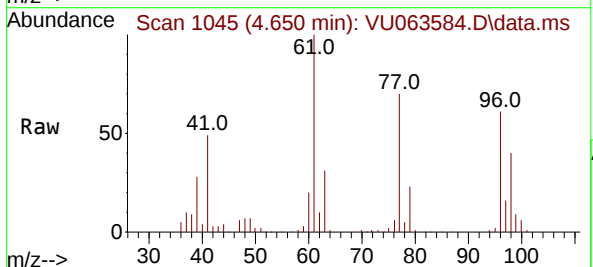
Instrument :
MSVOA_U
ClientSampleId :

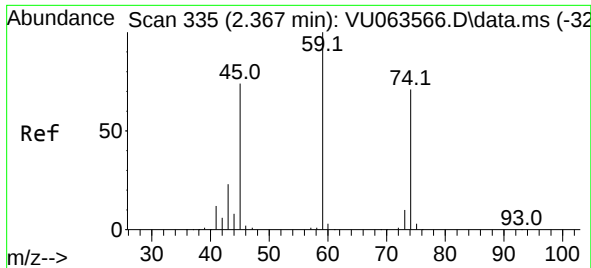
Tgt Ion: 77 Resp: 138702
Ion Ratio Lower Upper
77 100
97 22.2 17.5 26.3



#22
cis-1,2-Dichloroethene
Concen: 7.908 ug/l
RT: 4.650 min Scan# 1045
Delta R.T. 0.003 min
Lab File: VU063584.D
Acq: 15 Sep 2025 17:45

Tgt Ion: 96 Resp: 108829
Ion Ratio Lower Upper
96 100
61 162.3 0.0 411.0
98 64.4 31.9 95.9

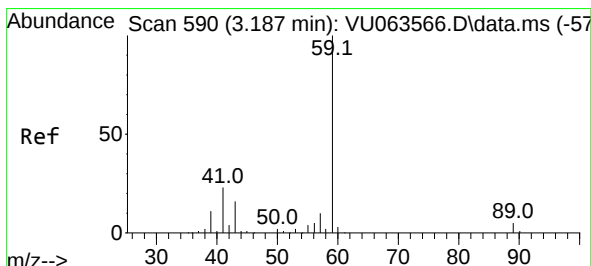
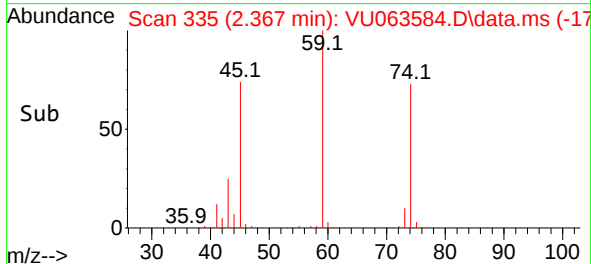
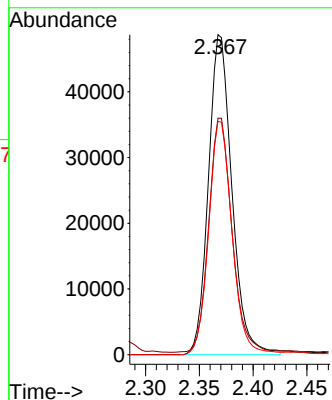
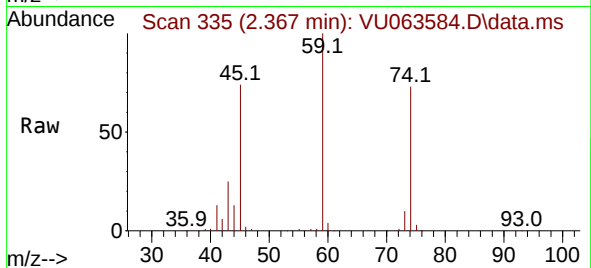




#23
Diethyl Ether
Concen: 7.954 ug/l
RT: 2.367 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU063584.D
Acq: 15 Sep 2025 17:45

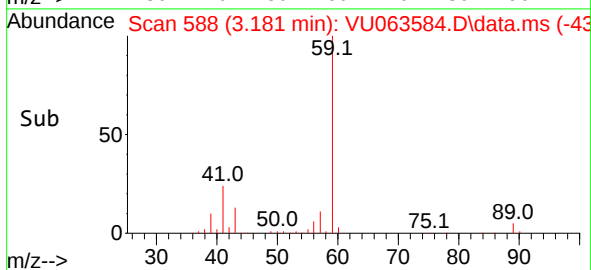
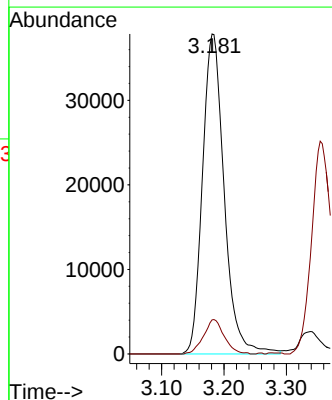
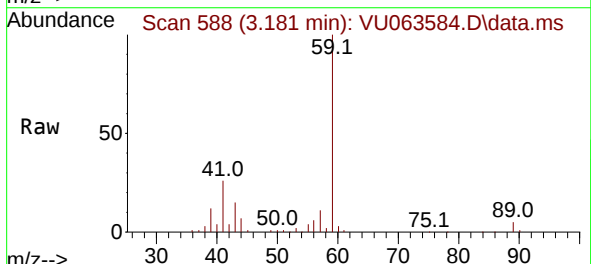
Instrument :
MSVOA_U
ClientSampleId :

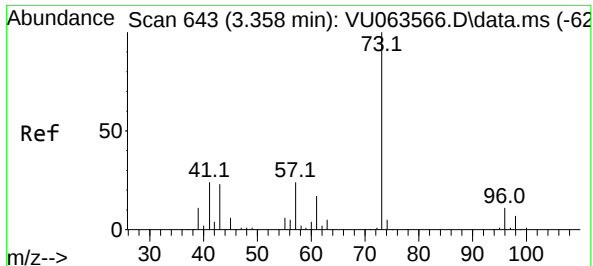
Tgt Ion: 59 Resp: 74164
Ion Ratio Lower Upper
59 100
45 73.1 59.0 88.6
74 72.6 57.8 86.6



#24
tert-Butyl Alcohol
Concen: 74.045 ug/l
RT: 3.181 min Scan# 588
Delta R.T. -0.006 min
Lab File: VU063584.D
Acq: 15 Sep 2025 17:45

Tgt Ion: 59 Resp: 91509
Ion Ratio Lower Upper
59 100
57 10.3 8.6 12.8

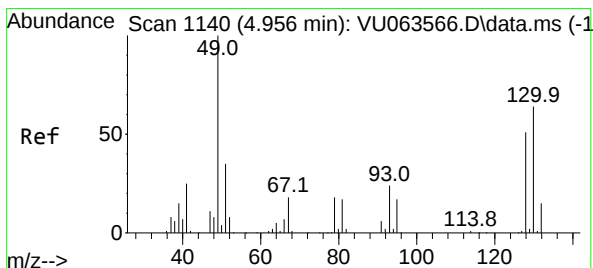
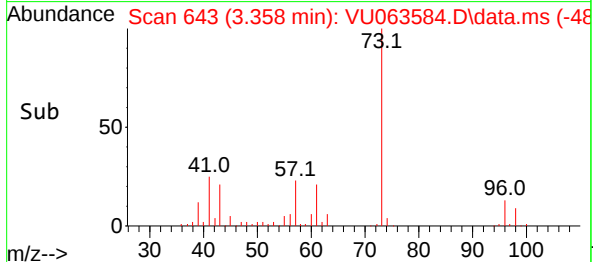
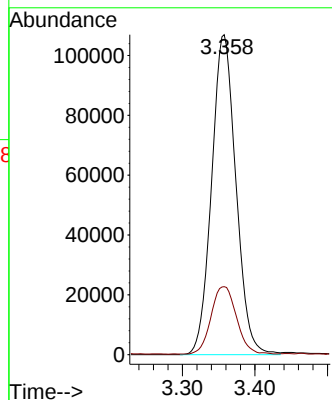
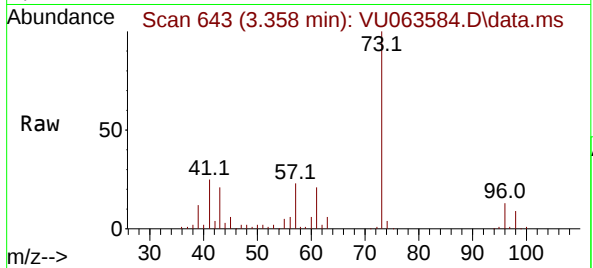




#25
Methyl tert-Butyl Ether
Concen: 7.928 ug/l
RT: 3.358 min Scan# 643
Delta R.T. 0.000 min
Lab File: VU063584.D
Acq: 15 Sep 2025 17:45

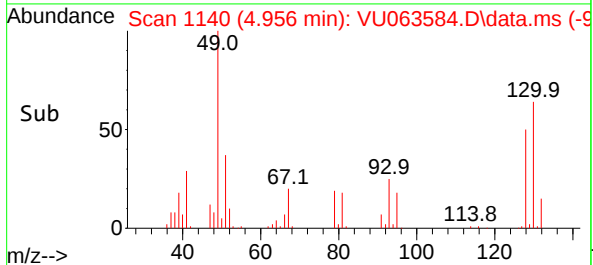
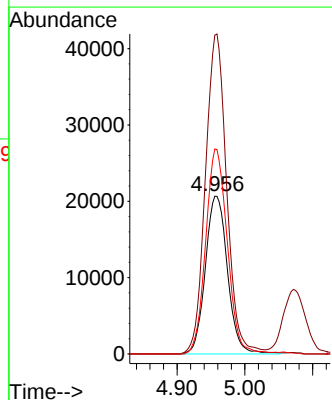
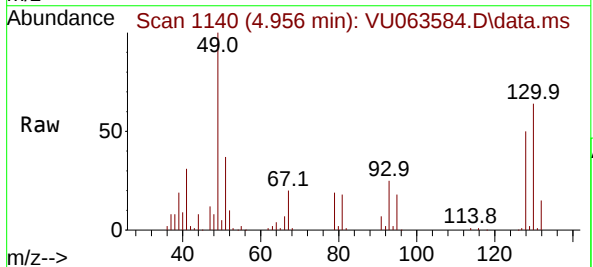
Instrument :
MSVOA_U
ClientSampleId :

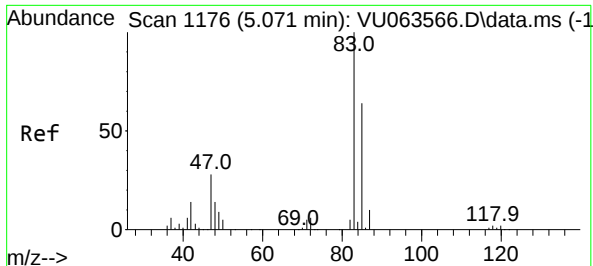
Tgt Ion: 73 Resp: 249064
Ion Ratio Lower Upper
73 100
43 22.0 18.1 27.1



#26
Bromochloromethane
Concen: 8.443 ug/l
RT: 4.956 min Scan# 1140
Delta R.T. 0.000 min
Lab File: VU063584.D
Acq: 15 Sep 2025 17:45

Tgt Ion: 128 Resp: 46961
Ion Ratio Lower Upper
128 100
49 194.6 0.0 410.2
130 126.7 103.4 155.0





#27

Chloroform

Concen: 7.952 ug/l

RT: 5.071 min Scan# 1176

Delta R.T. 0.000 min

Lab File: VU063584.D

Acq: 15 Sep 2025 17:45

Instrument :

MSVOA_U

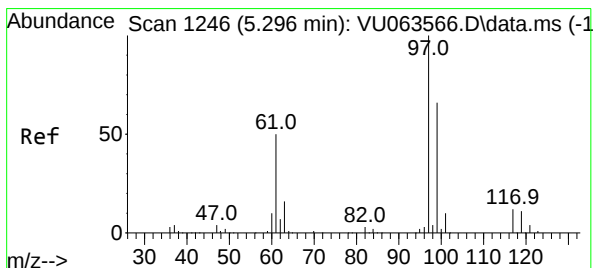
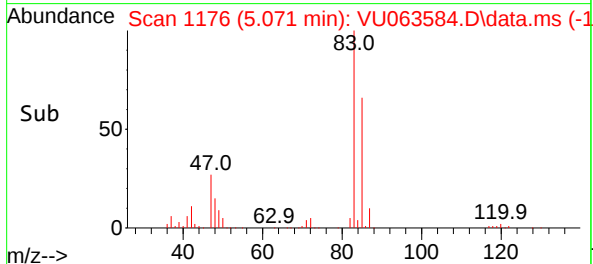
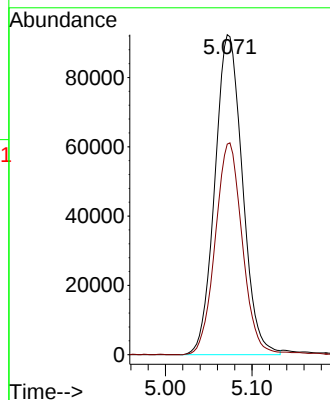
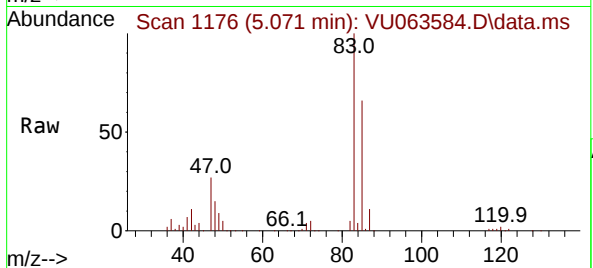
ClientSampleId :

Tgt Ion: 83 Resp: 204334

Ion Ratio Lower Upper

83 100

85 65.8 0.0 128.6



#28

1,1,1-Trichloroethane

Concen: 8.165 ug/l

RT: 5.296 min Scan# 1246

Delta R.T. 0.000 min

Lab File: VU063584.D

Acq: 15 Sep 2025 17:45

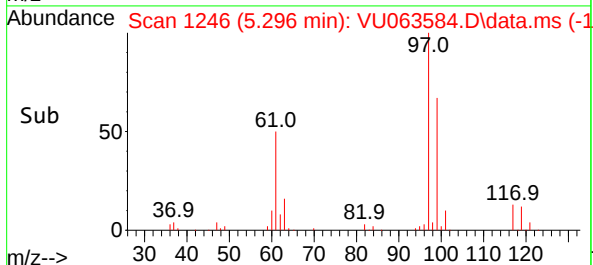
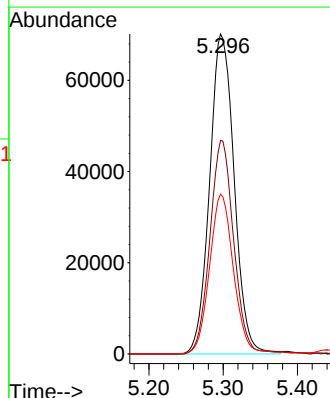
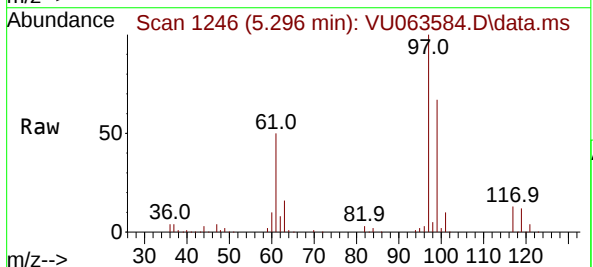
Tgt Ion: 97 Resp: 161271

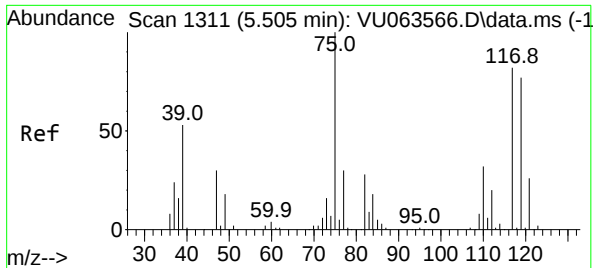
Ion Ratio Lower Upper

97 100

99 65.1 32.4 97.0

61 48.8 25.1 75.4

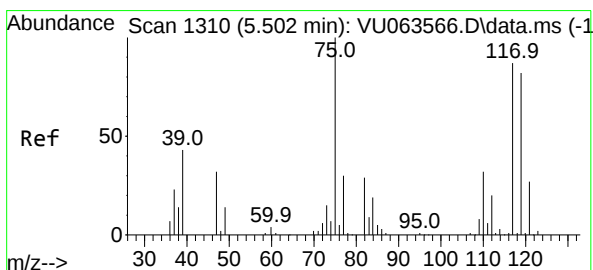
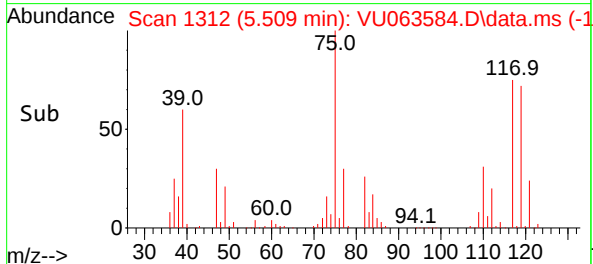
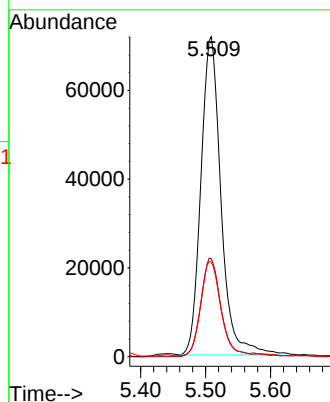
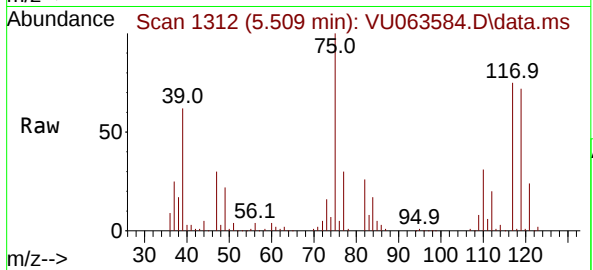




#29
1,1-Dichloropropene
Concen: 8.415 ug/l
RT: 5.509 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU063584.D
Acq: 15 Sep 2025 17:45

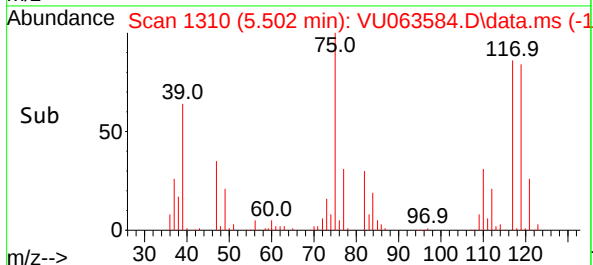
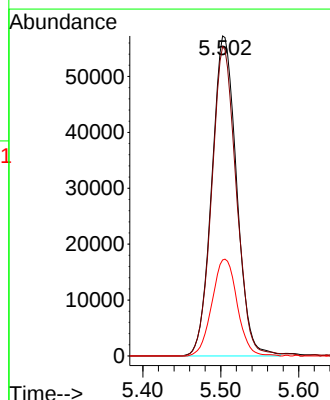
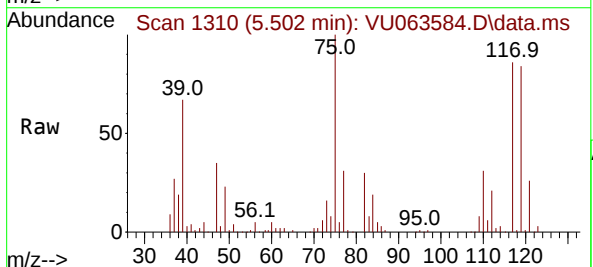
Instrument :
MSVOA_U
ClientSampleId :

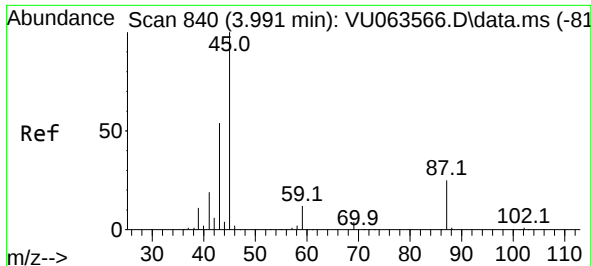
Tgt Ion: 75 Resp: 154421
Ion Ratio Lower Upper
75 100
110 30.9 16.4 49.4
77 29.2 24.6 37.0



#30
Carbon Tetrachloride
Concen: 8.686 ug/l
RT: 5.502 min Scan# 1310
Delta R.T. 0.000 min
Lab File: VU063584.D
Acq: 15 Sep 2025 17:45

Tgt Ion: 117 Resp: 126309
Ion Ratio Lower Upper
117 100
119 96.6 75.7 113.5
121 30.0 25.4 38.0

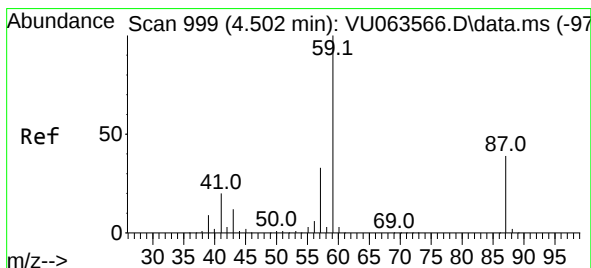
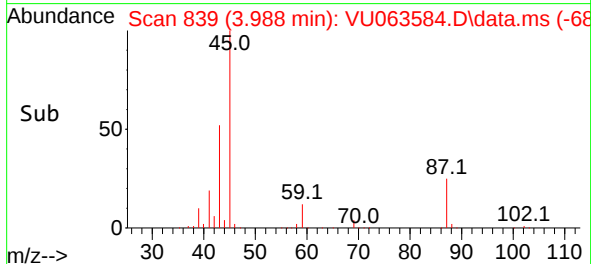
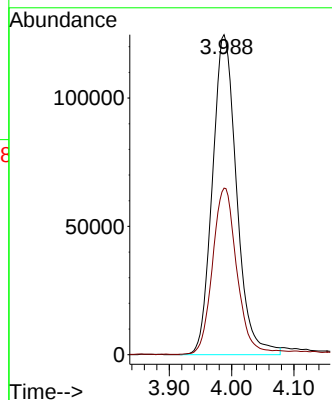
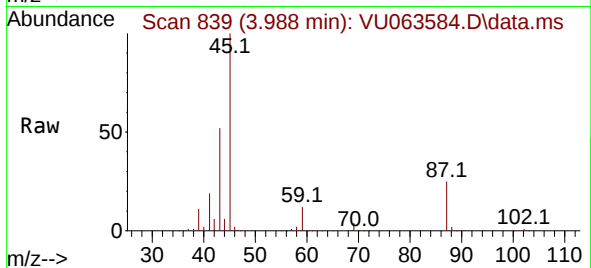




#31
Isopropyl Ether
Concen: 7.810 ug/l
RT: 3.988 min Scan# 81
Delta R.T. -0.003 min
Lab File: VU063584.D
Acq: 15 Sep 2025 17:45

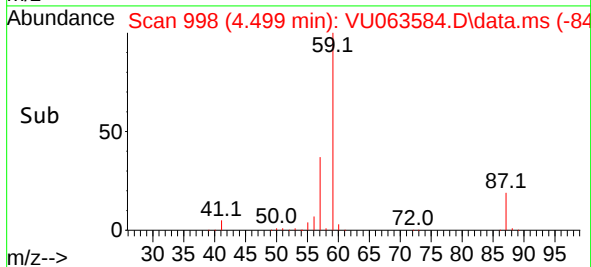
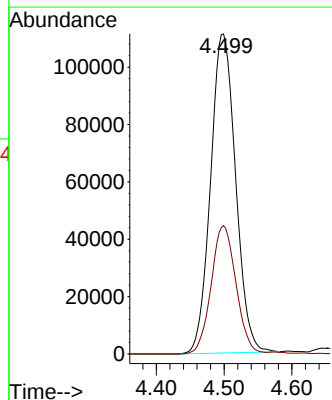
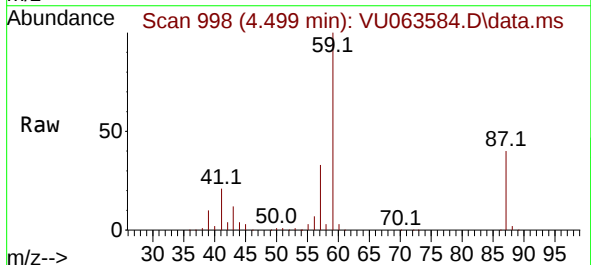
Instrument :
MSVOA_U
ClientSampleId :

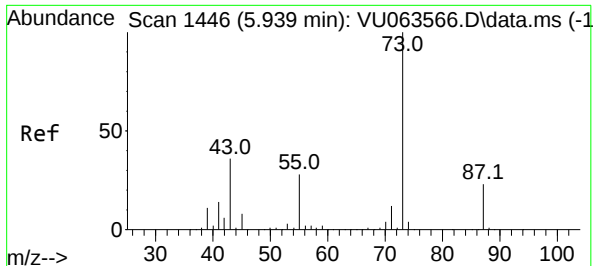
Tgt Ion: 45 Resp: 336129
Ion Ratio Lower Upper
45 100
43 52.0 26.2 78.6



#32
Ethyl-t-butyl ether
Concen: 7.768 ug/l
RT: 4.499 min Scan# 998
Delta R.T. -0.003 min
Lab File: VU063584.D
Acq: 15 Sep 2025 17:45

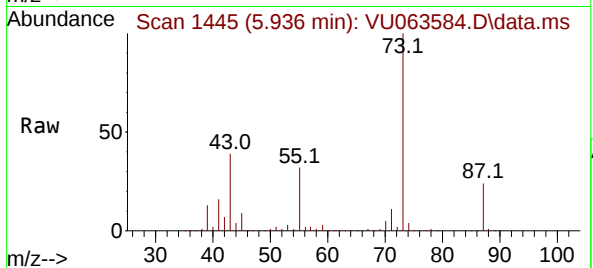
Tgt Ion: 59 Resp: 285584
Ion Ratio Lower Upper
59 100
87 39.2 31.2 46.8



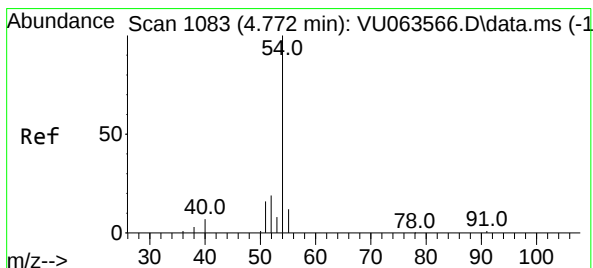
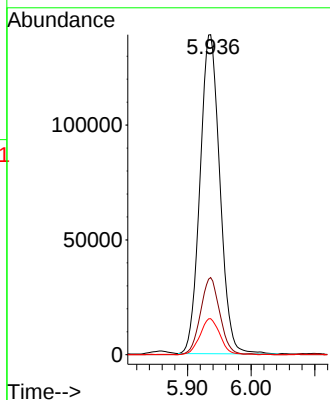
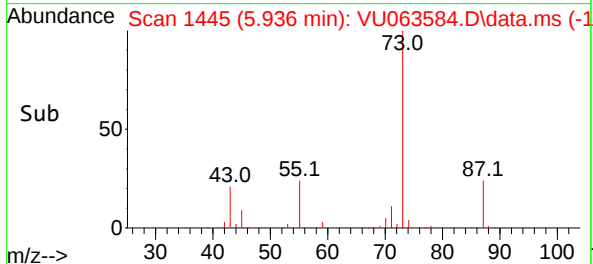


#33
Tert-Amyl methyl ether
Concen: 9.598 ug/l
RT: 5.936 min Scan# 1446
Delta R.T. -0.003 min
Lab File: VU063584.D
Acq: 15 Sep 2025 17:45

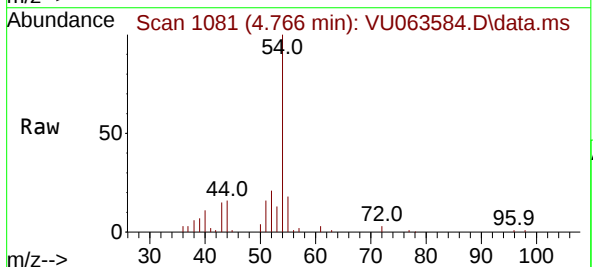
Instrument :
MSVOA_U
ClientSampleId :



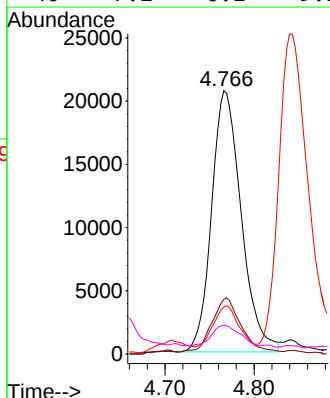
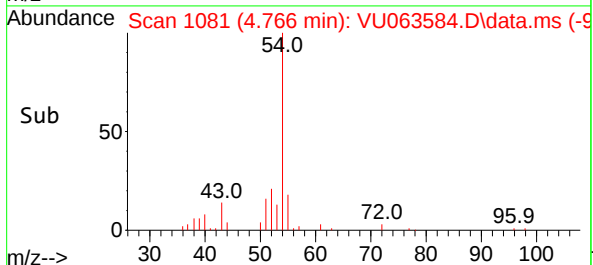
Tgt Ion: 73 Resp: 300626
Ion Ratio Lower Upper
73 100
87 23.2 19.0 28.6
71 11.5 9.4 14.2

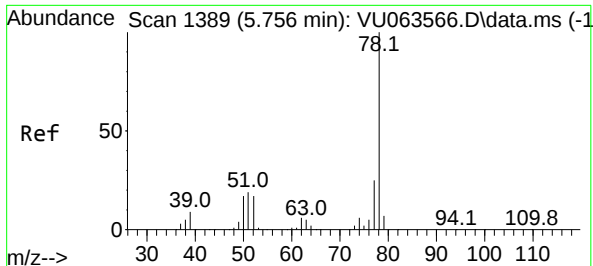


#34
Propionitrile
Concen: 39.815 ug/l
RT: 4.766 min Scan# 1081
Delta R.T. -0.006 min
Lab File: VU063584.D
Acq: 15 Sep 2025 17:45



Tgt Ion: 54 Resp: 47814
Ion Ratio Lower Upper
54 100
52 21.3 15.2 22.8
55 13.8 11.7 17.5
40 7.2 6.1 9.1

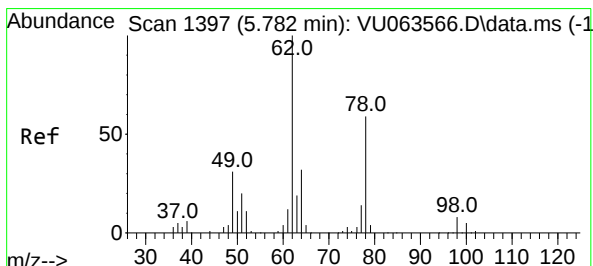
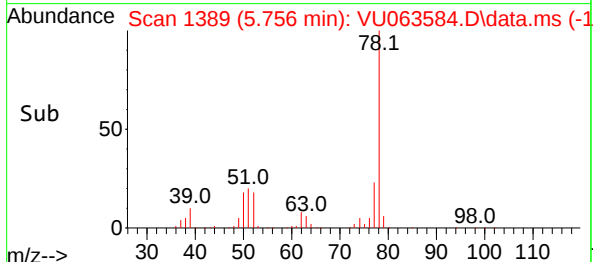
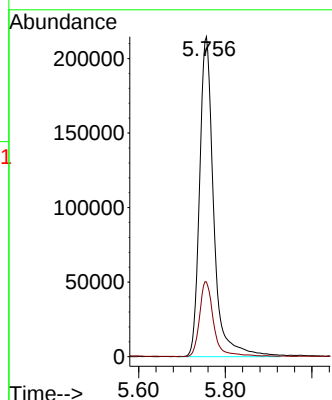
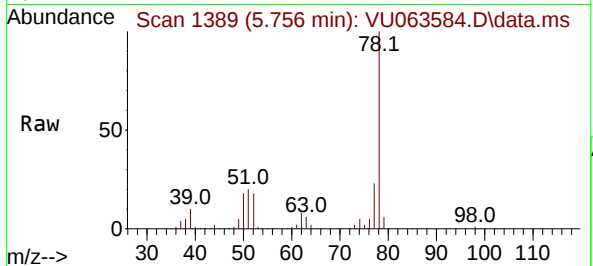




#35
Benzene
Concen: 9.188 ug/l
RT: 5.756 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU063584.D
Acq: 15 Sep 2025 17:45

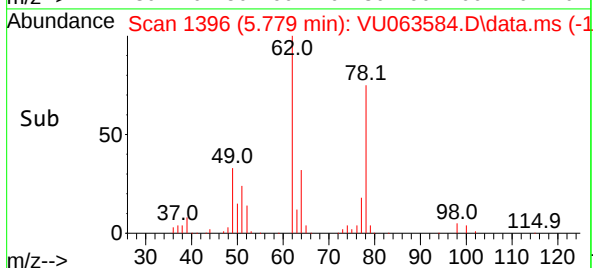
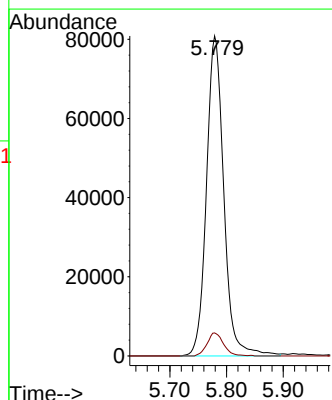
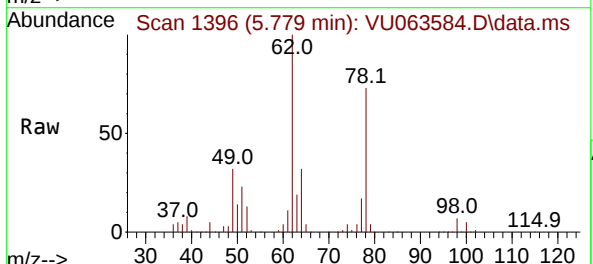
Instrument :
MSVOA_U
ClientSampleId :

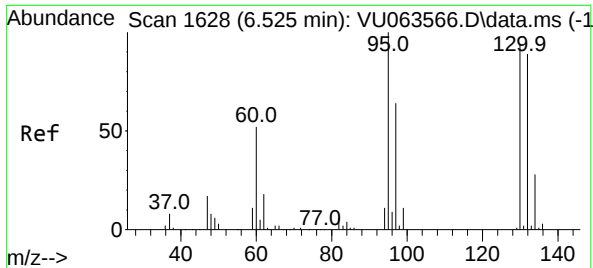
Tgt Ion: 78 Resp: 485406
Ion Ratio Lower Upper
78 100
77 23.2 19.8 29.8



#36
1,2-Dichloroethane
Concen: 9.641 ug/l
RT: 5.779 min Scan# 1396
Delta R.T. -0.003 min
Lab File: VU063584.D
Acq: 15 Sep 2025 17:45

Tgt Ion: 62 Resp: 171865
Ion Ratio Lower Upper
62 100
98 6.9 6.3 9.5

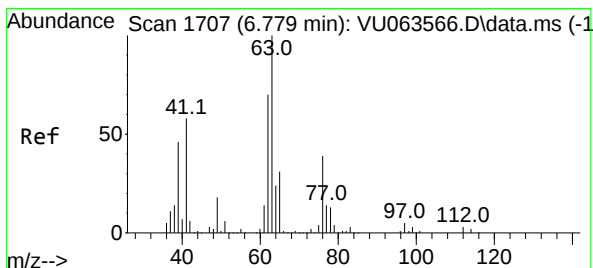
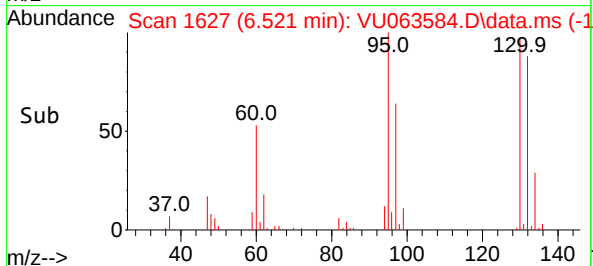
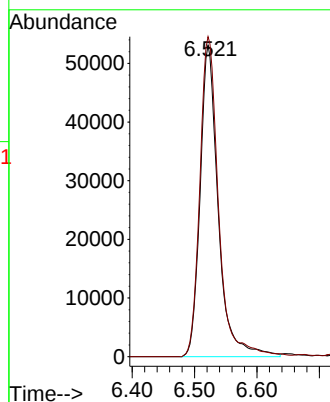
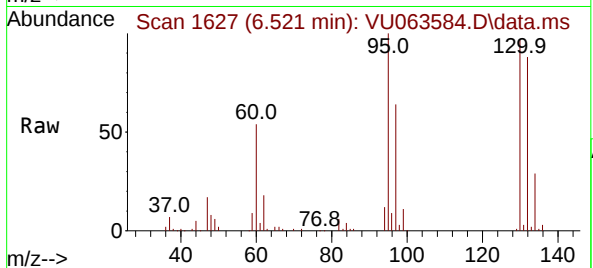




#37
 Trichloroethene
 Concen: 8.143 ug/l
 RT: 6.521 min Scan# 1
 Delta R.T. -0.003 min
 Lab File: VU063584.D
 Acq: 15 Sep 2025 17:45

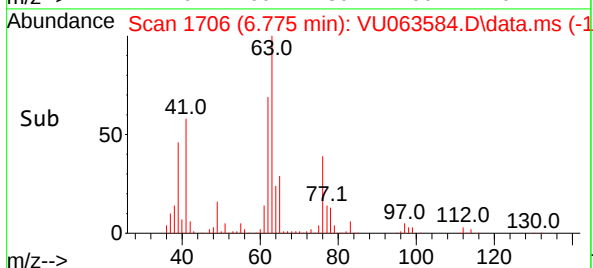
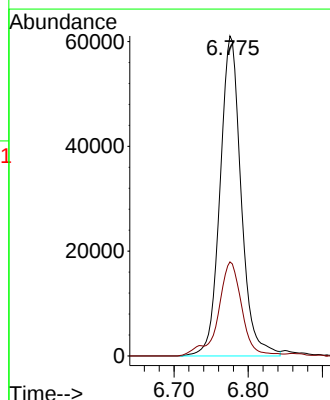
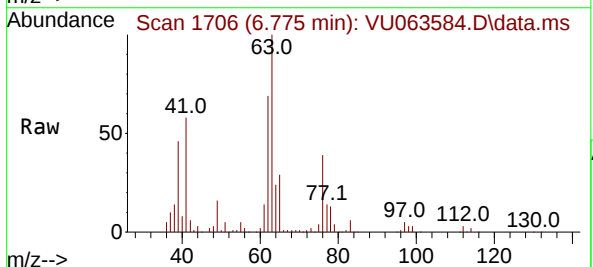
Instrument :
 MSVOA_U
 ClientSampleId :

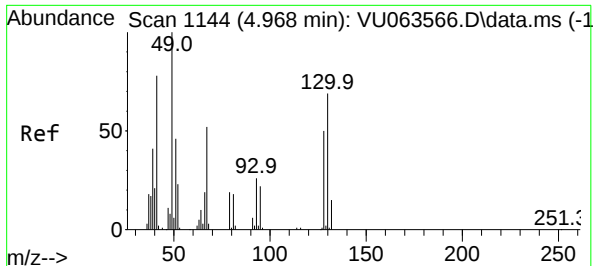
Tgt Ion:130 Resp: 107074
 Ion Ratio Lower Upper
 130 100
 95 102.8 85.4 128.2



#38
 1,2-Dichloropropane
 Concen: 8.617 ug/l
 RT: 6.775 min Scan# 1706
 Delta R.T. -0.003 min
 Lab File: VU063584.D
 Acq: 15 Sep 2025 17:45

Tgt Ion: 63 Resp: 120606
 Ion Ratio Lower Upper
 63 100
 65 29.3 24.9 37.3





#39

Methacrylonitrile

Concen: 7.562 ug/l

RT: 4.968 min Scan# 1144

Delta R.T. 0.000 min

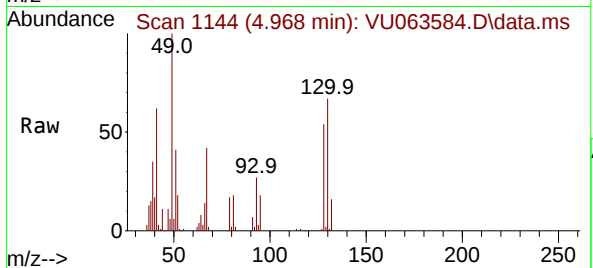
Lab File: VU063584.D

Acq: 15 Sep 2025 17:45

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 41 Resp: 42866

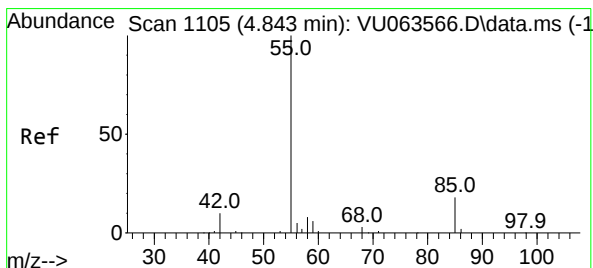
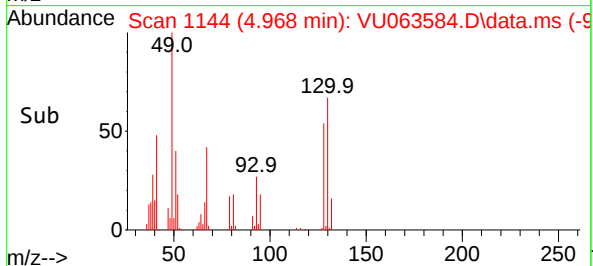
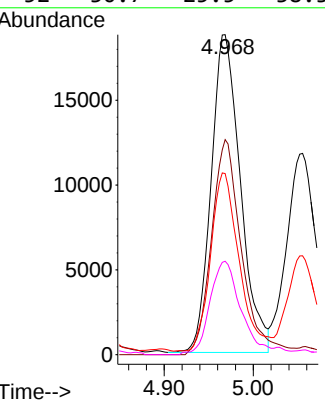
Ion Ratio Lower Upper

41 100

67 69.5 57.7 86.5

39 54.3 44.6 67.0

52 30.7 25.5 38.3



#40

Methyl acrylate

Concen: 7.213 ug/l

RT: 4.840 min Scan# 1104

Delta R.T. -0.003 min

Lab File: VU063584.D

Acq: 15 Sep 2025 17:45

Tgt Ion: 55 Resp: 56057

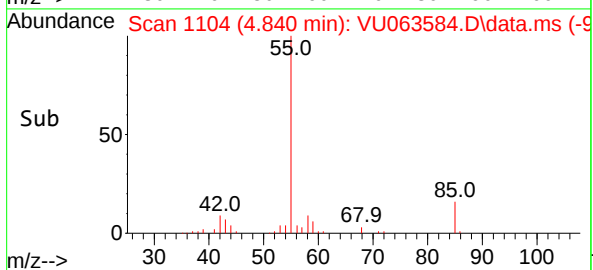
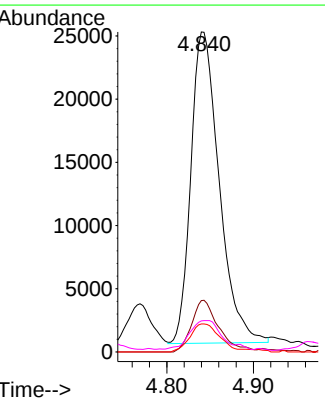
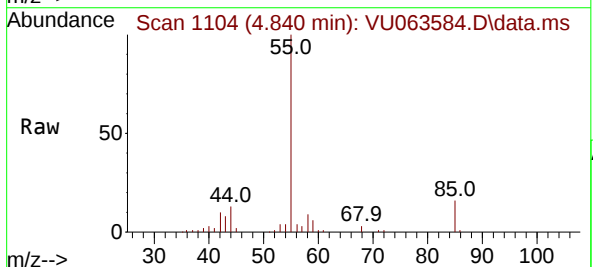
Ion Ratio Lower Upper

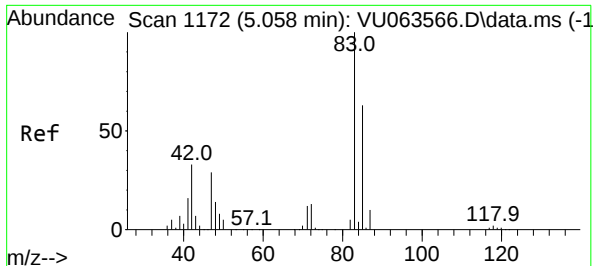
55 100

85 15.9 12.8 19.2

58 10.0 6.6 10.0#

42 9.6 8.4 12.6





#41

Tetrahydrofuran

Concen: 14.422 ug/l

RT: 5.052 min Scan# 1172

Delta R.T. -0.006 min

Lab File: VU063584.D

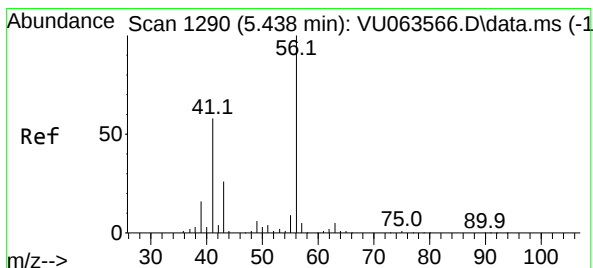
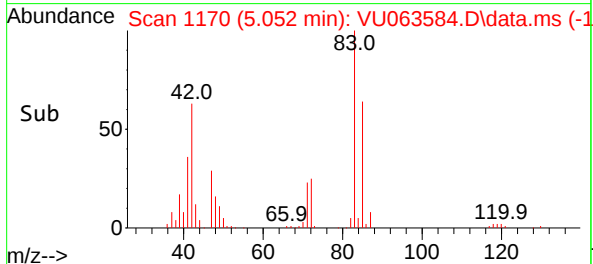
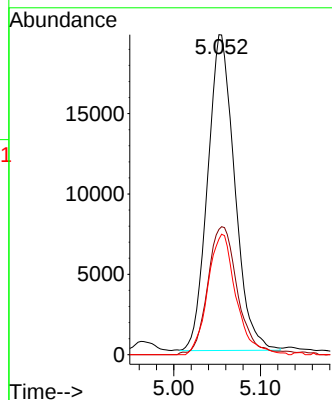
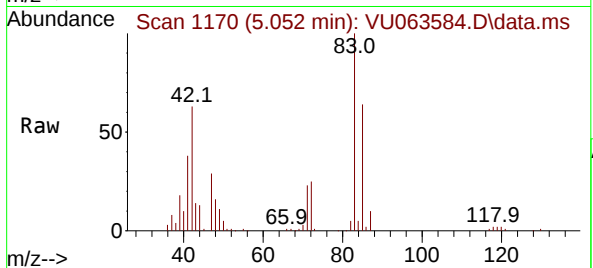
Acq: 15 Sep 2025 17:45

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	42	Resp:	42620
Ion Ratio	Lower	Upper	
42	100		
72	45.2	34.1	51.1
71	39.8	29.9	44.9



#42

1-Chlorobutane

Concen: 8.844 ug/l

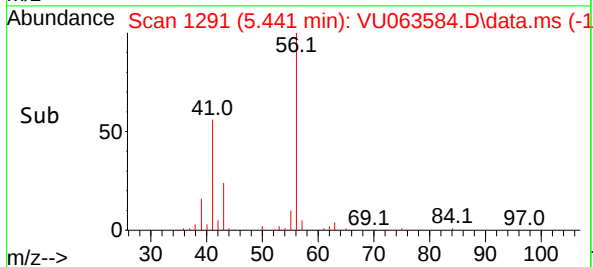
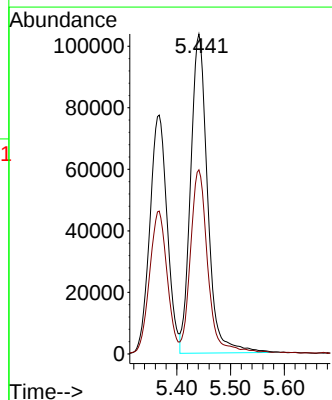
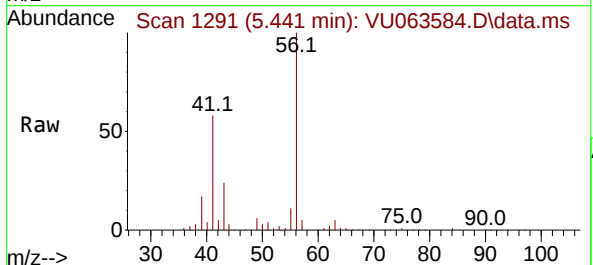
RT: 5.441 min Scan# 1291

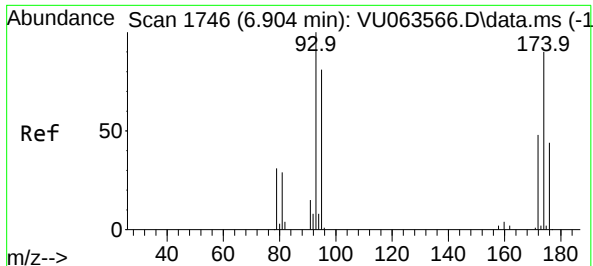
Delta R.T. 0.003 min

Lab File: VU063584.D

Acq: 15 Sep 2025 17:45

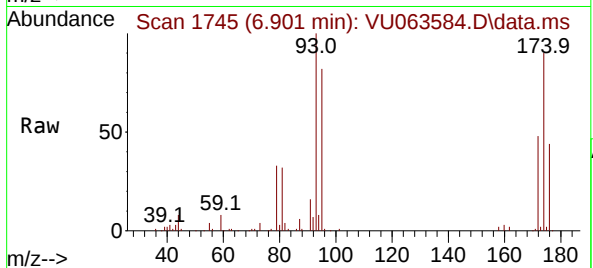
Tgt Ion:	56	Resp:	227539
Ion Ratio	Lower	Upper	
56	100		
41	55.0	28.3	84.9





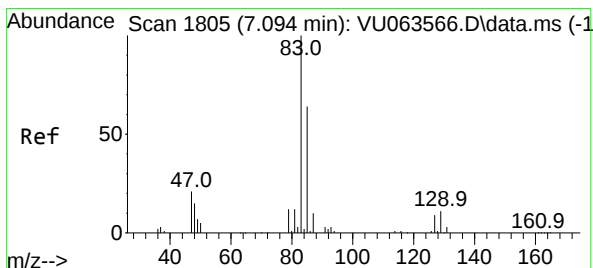
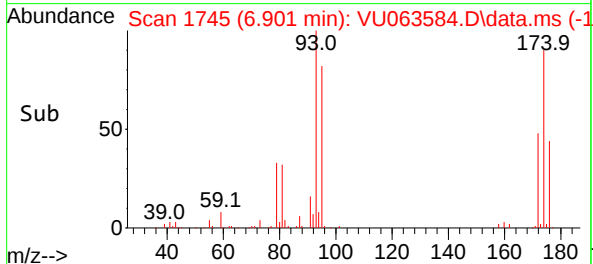
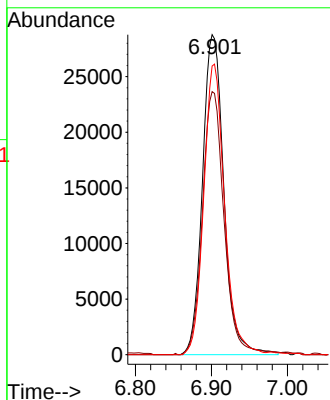
#43
Dibromomethane
Concen: 8.382 ug/l
RT: 6.901 min Scan# 1745
Delta R.T. -0.003 min
Lab File: VU063584.D
Acq: 15 Sep 2025 17:45

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 93 Resp: 56248

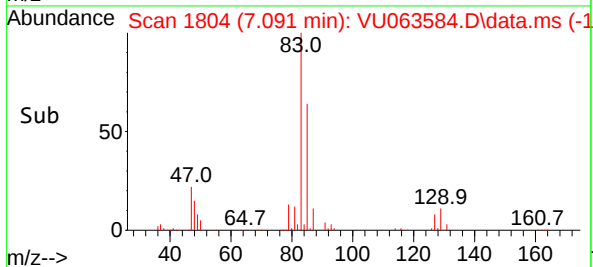
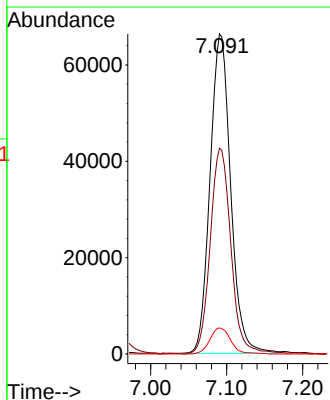
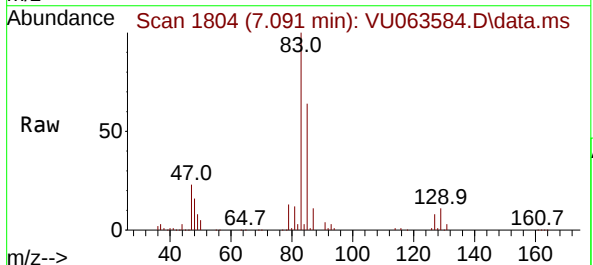
Ion	Ratio	Lower	Upper
93	100		
95	83.5	66.6	100.0
174	88.6	72.7	109.1

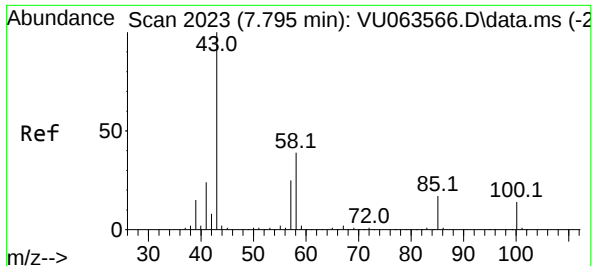


#44
Bromodichloromethane
Concen: 8.701 ug/l
RT: 7.091 min Scan# 1804
Delta R.T. -0.003 min
Lab File: VU063584.D
Acq: 15 Sep 2025 17:45

Tgt Ion: 83 Resp: 124757

Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.2	76.8
127	8.2	6.9	10.3





#45

4-Methyl-2-Pentanone

Concen: 47.524 ug/l

RT: 7.791 min Scan# 2022

Delta R.T. -0.003 min

Lab File: VU063584.D

Acq: 15 Sep 2025 17:45

Instrument :

MSVOA_U

ClientSampleId :

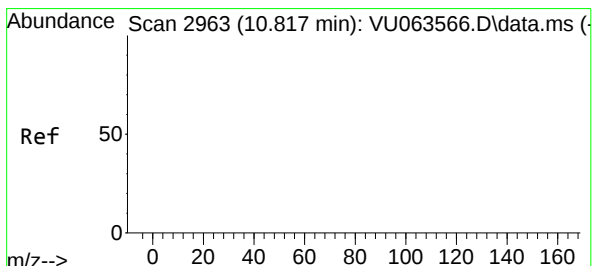
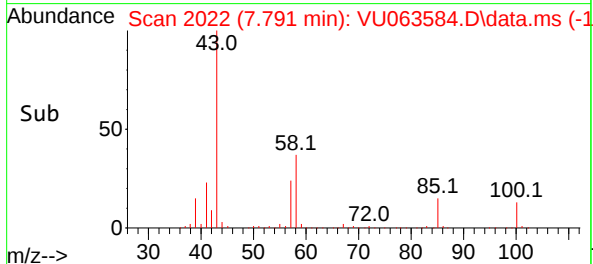
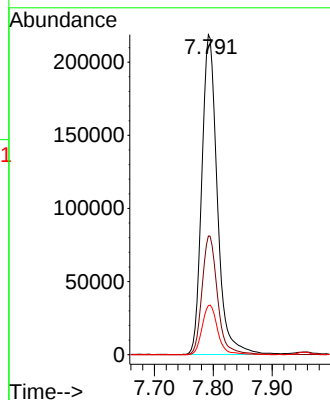
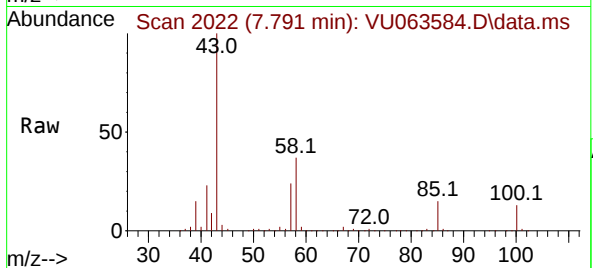
Tgt Ion: 43 Resp: 399409

Ion Ratio Lower Upper

43 100

58 37.3 18.9 56.9

85 15.6 13.3 19.9



#46

t-1,4-Dichloro-2-butene

Concen: 32.808 ug/l

RT: 10.814 min Scan# 2962

Delta R.T. -0.003 min

Lab File: VU063584.D

Acq: 15 Sep 2025 17:45

Tgt Ion: 75 Resp: 103169

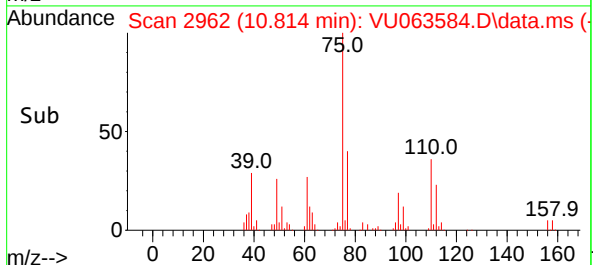
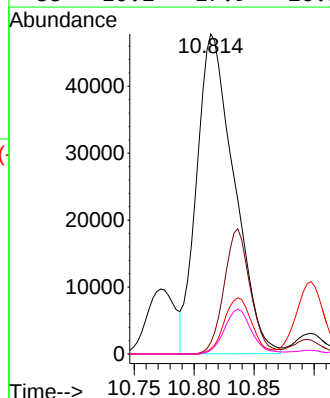
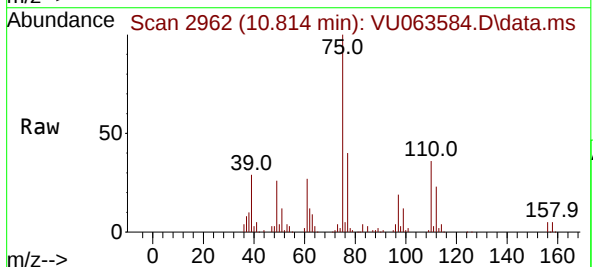
Ion Ratio Lower Upper

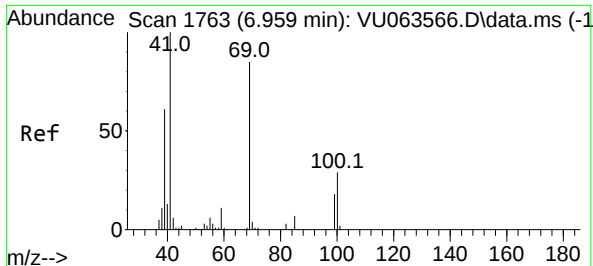
75 100

53 27.7 43.2 64.8#

89 13.2 21.9 32.9#

88 10.2 17.9 26.9#





#47

Methyl methacrylate

Concen: 17.835 ug/l

RT: 6.959 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU063584.D

Acq: 15 Sep 2025 17:45

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 69 Resp: 107069

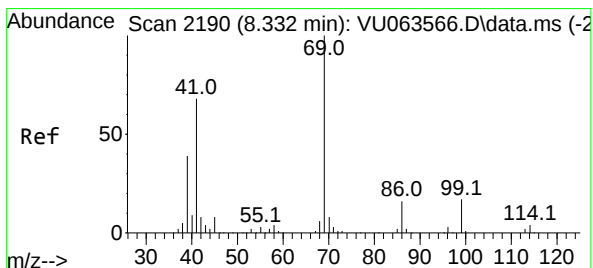
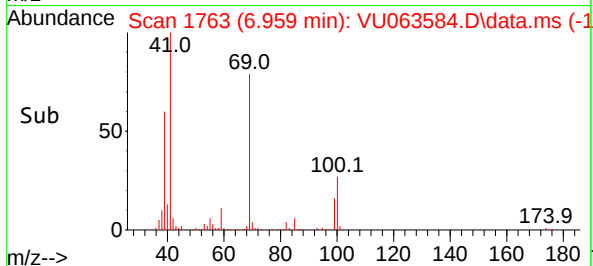
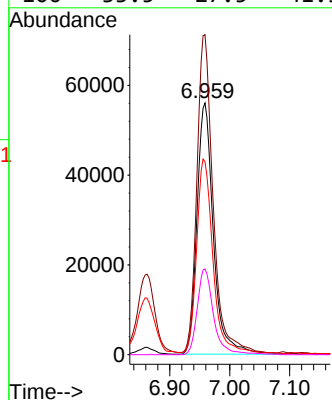
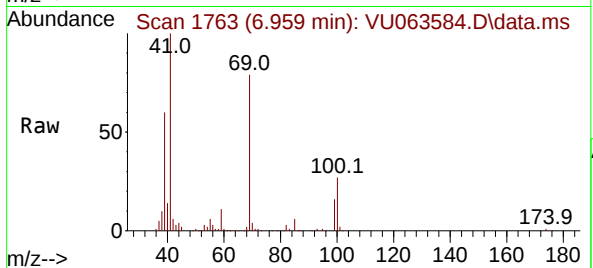
Ion Ratio Lower Upper

69 100

41 124.6 0.0 236.8

39 75.9 57.8 86.6

100 33.5 27.5 41.3



#48

Ethyl methacrylate

Concen: 8.646 ug/l

RT: 8.332 min Scan# 2190

Delta R.T. 0.000 min

Lab File: VU063584.D

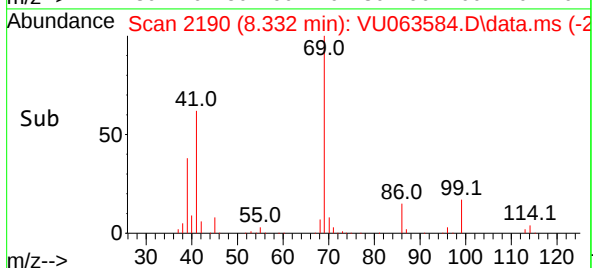
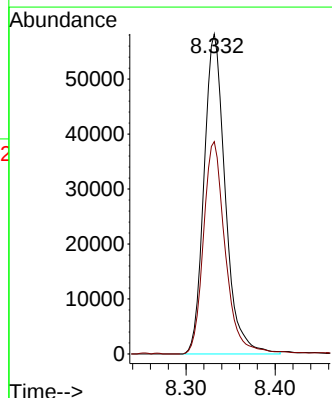
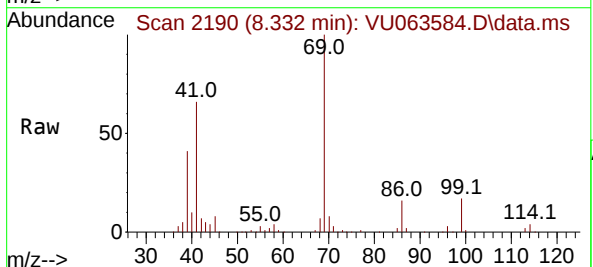
Acq: 15 Sep 2025 17:45

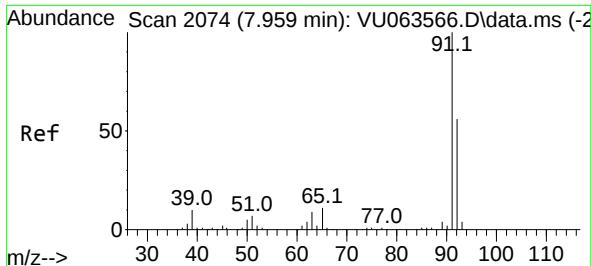
Tgt Ion: 69 Resp: 96266

Ion Ratio Lower Upper

69 100

41 67.9 33.7 101.1

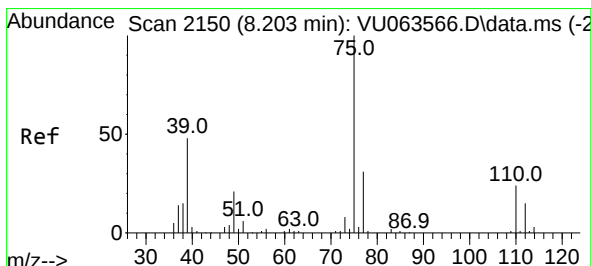
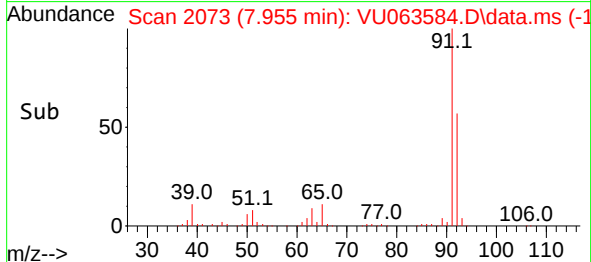
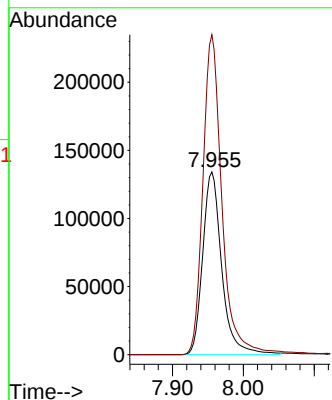
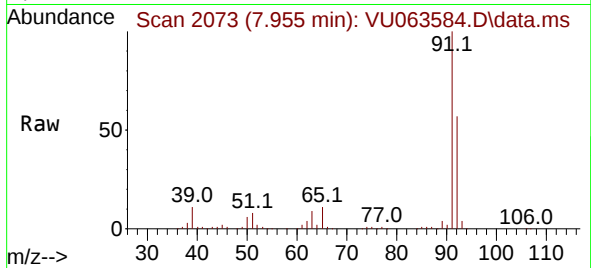




#49
Toluene
Concen: 8.734 ug/l
RT: 7.955 min Scan# 2074
Delta R.T. -0.003 min
Lab File: VU063584.D
Acq: 15 Sep 2025 17:45

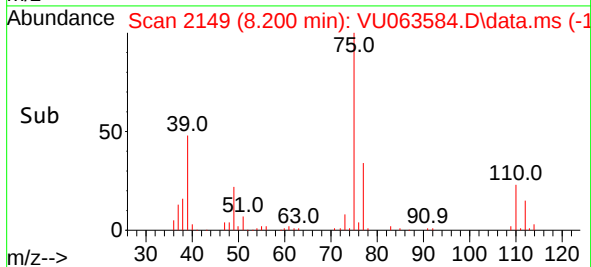
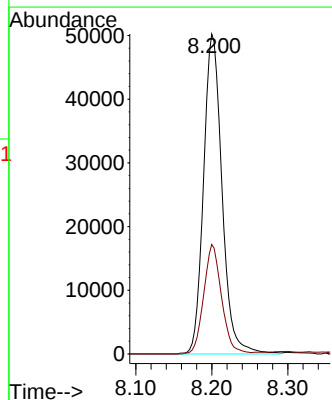
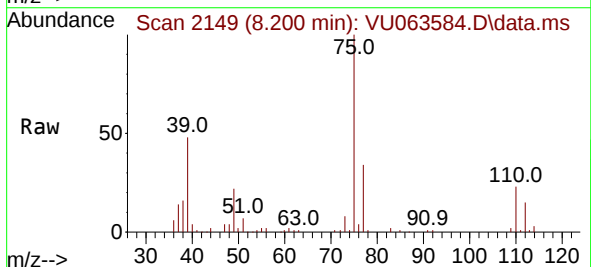
Instrument :
MSVOA_U
ClientSampleId :

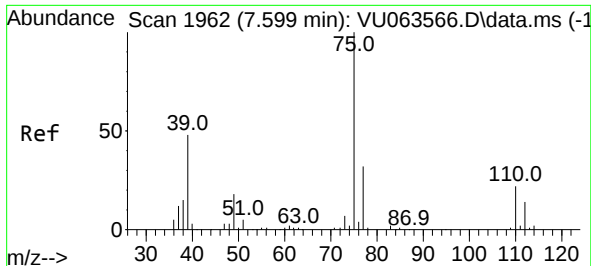
Tgt Ion: 92 Resp: 250432
Ion Ratio Lower Upper
92 100
91 176.2 139.4 209.2



#50
t-1,3-Dichloropropene
Concen: 7.891 ug/l
RT: 8.200 min Scan# 2149
Delta R.T. -0.003 min
Lab File: VU063584.D
Acq: 15 Sep 2025 17:45

Tgt Ion: 75 Resp: 84753
Ion Ratio Lower Upper
75 100
77 34.0 24.8 37.2

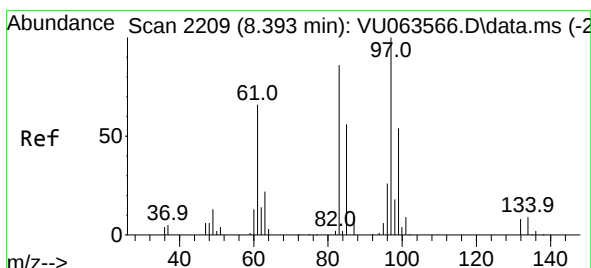
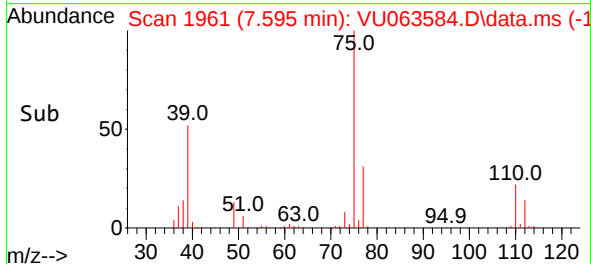
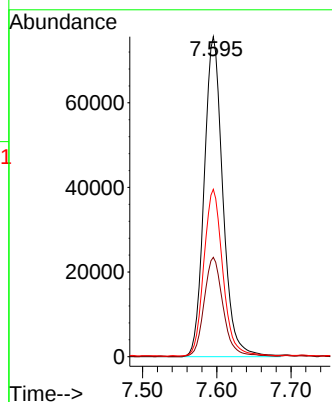
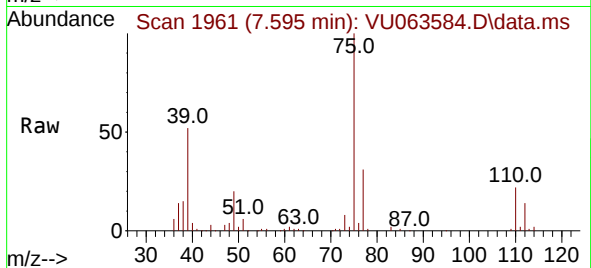




#51
 cis-1,3-Dichloropropene
 Concen: 9.250 ug/l
 RT: 7.595 min Scan# 1962
 Delta R.T. -0.003 min
 Lab File: VU063584.D
 Acq: 15 Sep 2025 17:45

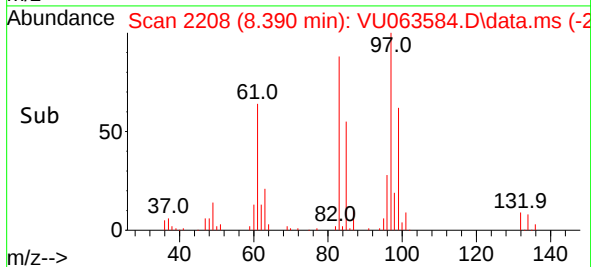
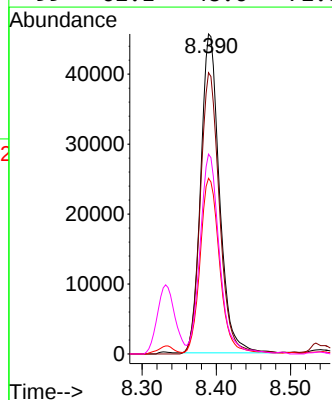
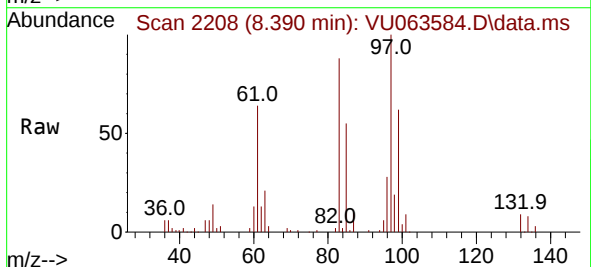
Instrument :
 MSVOA_U
 ClientSampleId :

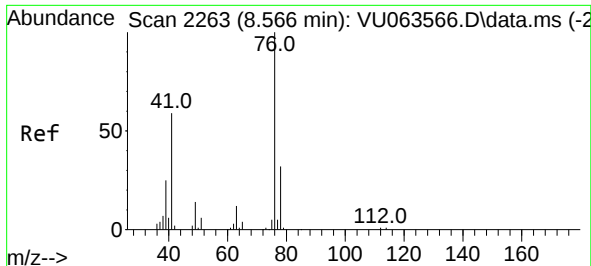
Tgt Ion: 75 Resp: 132165
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.2 37.8
 39 52.1 38.8 58.2



#52
 1,1,2-Trichloroethane
 Concen: 8.414 ug/l
 RT: 8.390 min Scan# 2208
 Delta R.T. -0.003 min
 Lab File: VU063584.D
 Acq: 15 Sep 2025 17:45

Tgt Ion: 97 Resp: 79923
 Ion Ratio Lower Upper
 97 100
 83 88.2 68.5 102.7
 85 54.8 45.0 67.6
 99 62.1 48.6 72.8

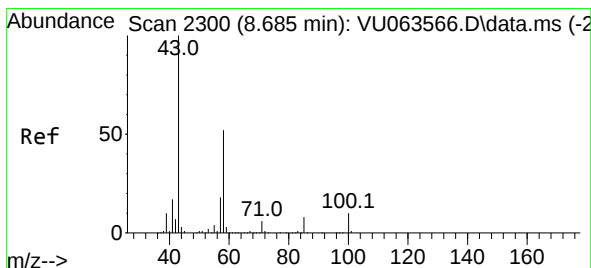
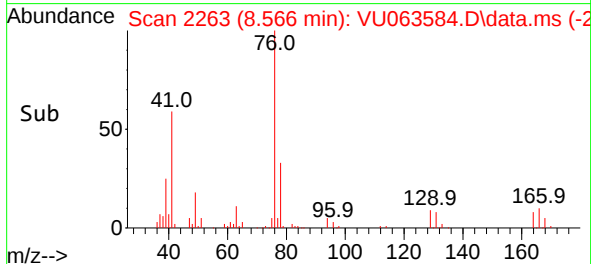
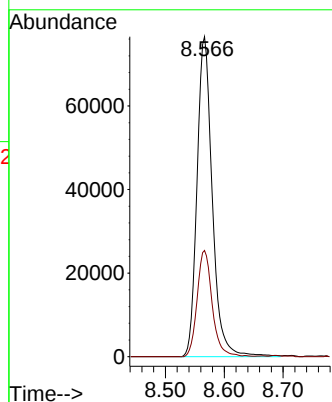
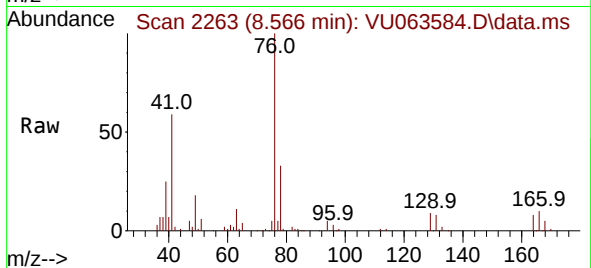




#53
1,3-Dichloropropane
Concen: 8.356 ug/l
RT: 8.566 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU063584.D
Acq: 15 Sep 2025 17:45

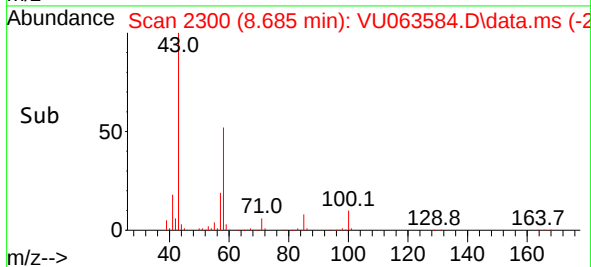
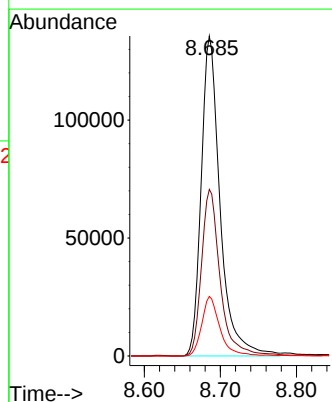
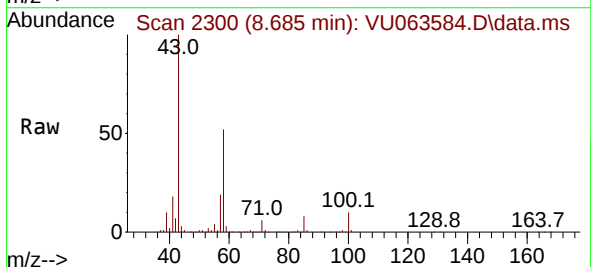
Instrument :
MSVOA_U
ClientSampleId :

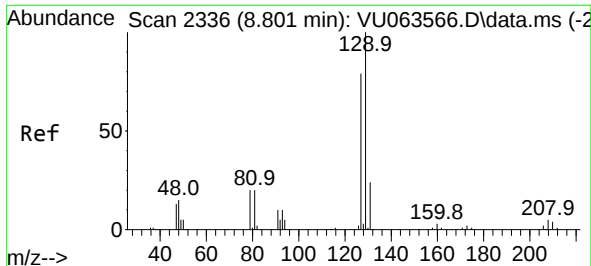
Tgt Ion: 76 Resp: 137896
Ion Ratio Lower Upper
76 100
78 32.7 26.2 39.2



#54
2-Hexanone
Concen: 38.128 ug/l
RT: 8.685 min Scan# 2300
Delta R.T. 0.000 min
Lab File: VU063584.D
Acq: 15 Sep 2025 17:45

Tgt Ion: 43 Resp: 234166
Ion Ratio Lower Upper
43 100
58 51.5 32.7 72.7
57 17.8 0.0 38.2

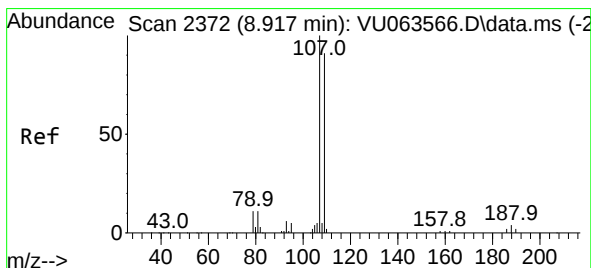
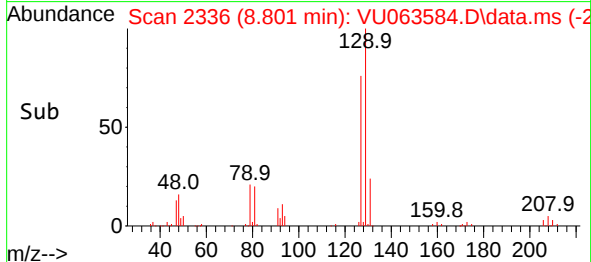
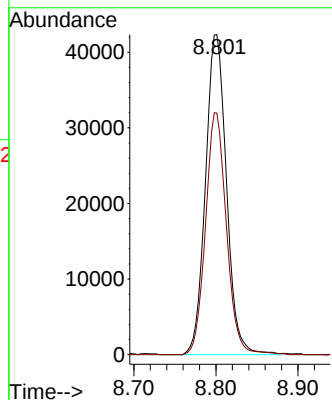
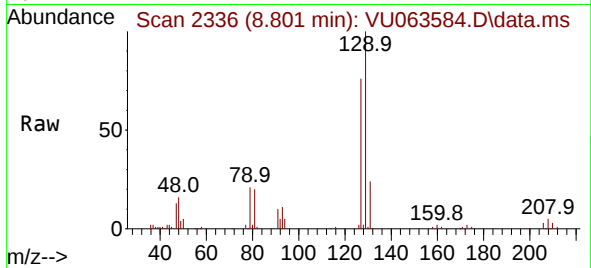




#55
Dibromochloromethane
Concen: 8.197 ug/l
RT: 8.801 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU063584.D
Acq: 15 Sep 2025 17:45

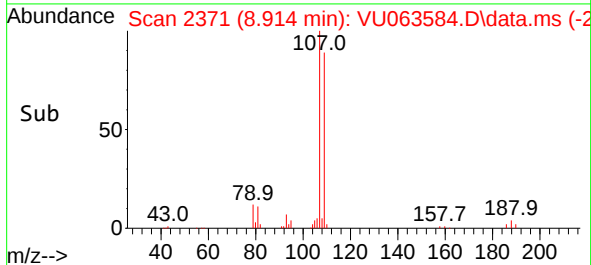
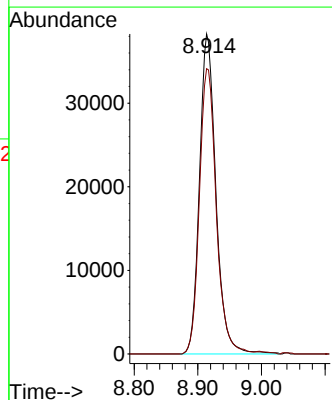
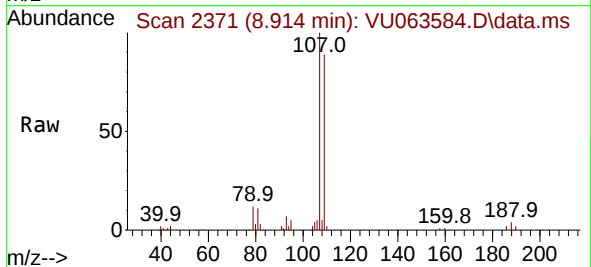
Instrument :
MSVOA_U
ClientSampleId :

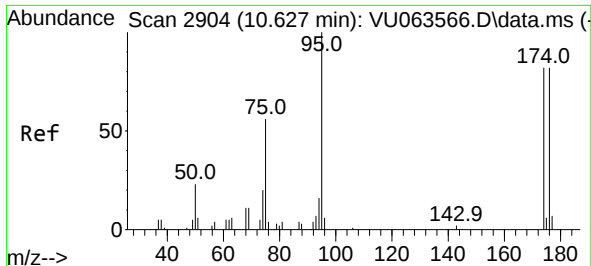
Tgt Ion:129 Resp: 75455
Ion Ratio Lower Upper
129 100
127 75.3 61.9 92.9



#56
1,2-Dibromoethane
Concen: 8.388 ug/l
RT: 8.914 min Scan# 2371
Delta R.T. -0.003 min
Lab File: VU063584.D
Acq: 15 Sep 2025 17:45

Tgt Ion:107 Resp: 68730
Ion Ratio Lower Upper
107 100
109 91.7 0.0 183.6

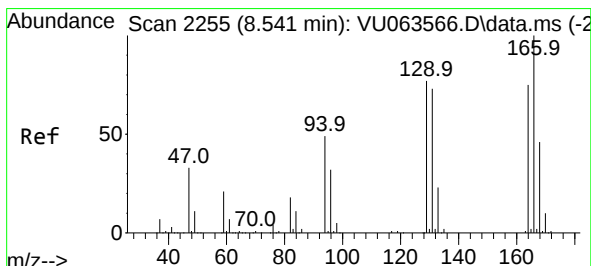
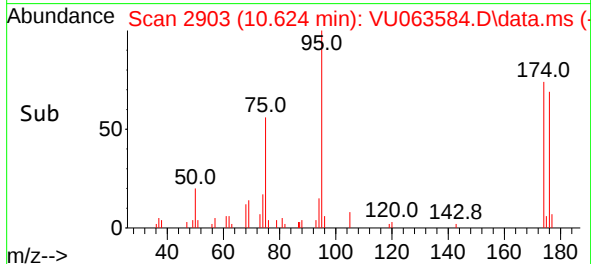
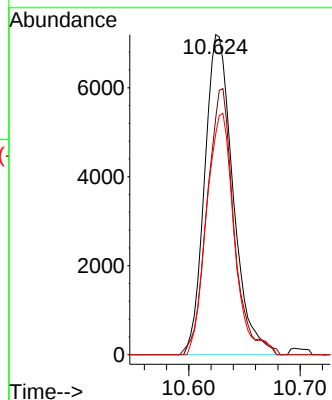
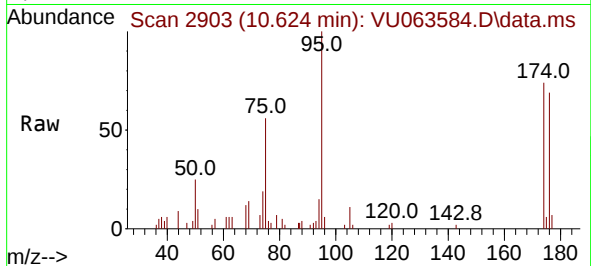




#57
4-Bromofluorobenzene
Concen: 0.846 ug/l
RT: 10.624 min Scan# 2903
Delta R.T. -0.003 min
Lab File: VU063584.D
Acq: 15 Sep 2025 17:45

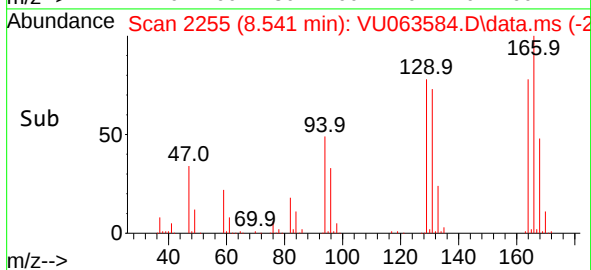
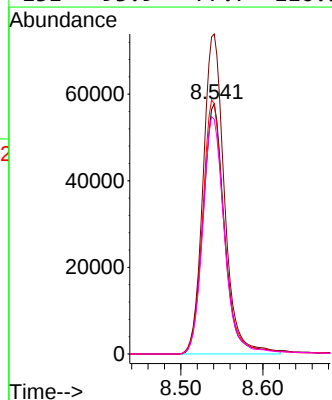
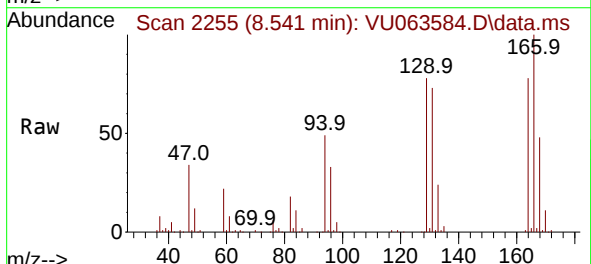
Instrument :
MSVOA_U
ClientSampleId :

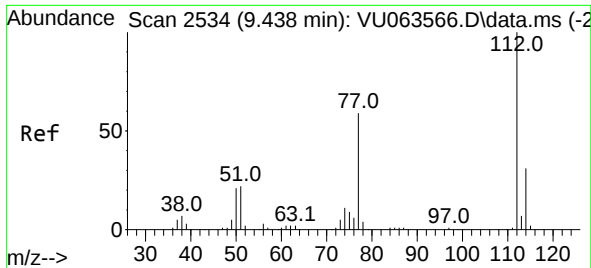
Tgt Ion: 95 Resp: 12730
Ion Ratio Lower Upper
95 100
174 79.0 64.7 97.1
176 73.7 66.2 99.4



#58
Tetrachloroethene
Concen: 8.091 ug/l
RT: 8.541 min Scan# 2255
Delta R.T. 0.000 min
Lab File: VU063584.D
Acq: 15 Sep 2025 17:45

Tgt Ion:164 Resp: 104780
Ion Ratio Lower Upper
164 100
166 128.1 106.4 159.6
129 100.2 81.4 122.2
131 93.9 77.7 116.5

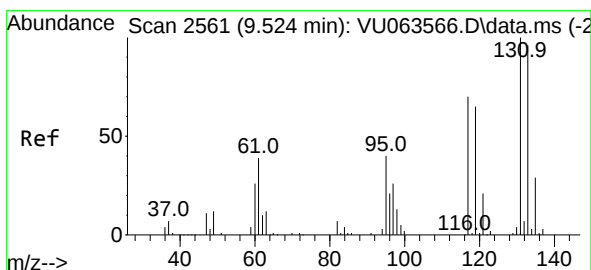
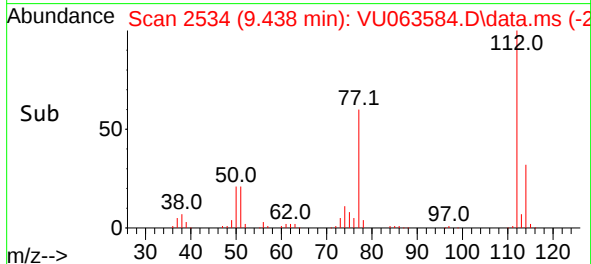
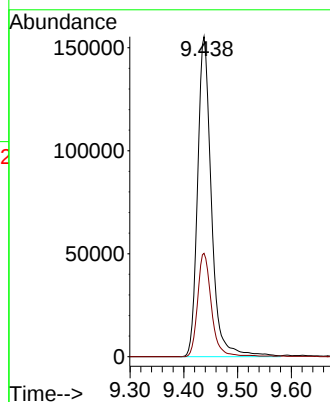
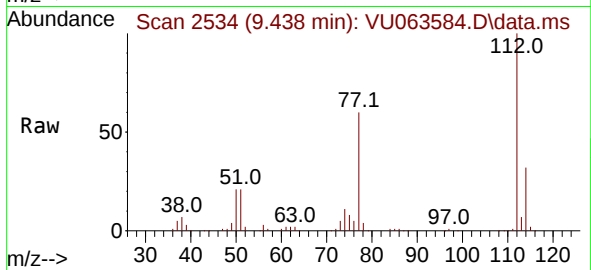




#59
Chlorobenzene
Concen: 8.412 ug/l
RT: 9.438 min Scan# 2534
Delta R.T. 0.000 min
Lab File: VU063584.D
Acq: 15 Sep 2025 17:45

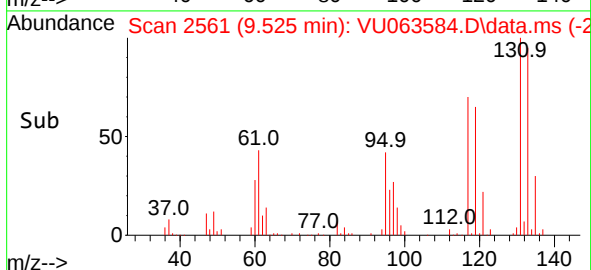
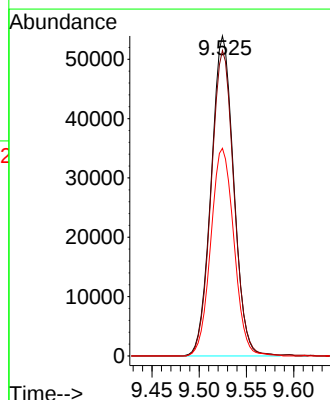
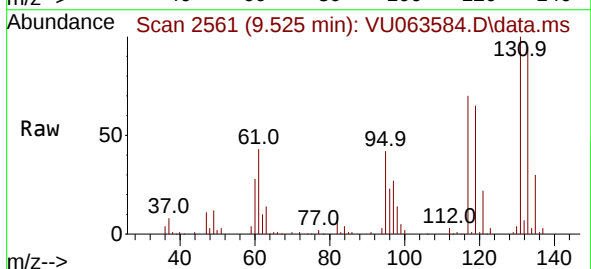
Instrument :
MSVOA_U
ClientSampleId :

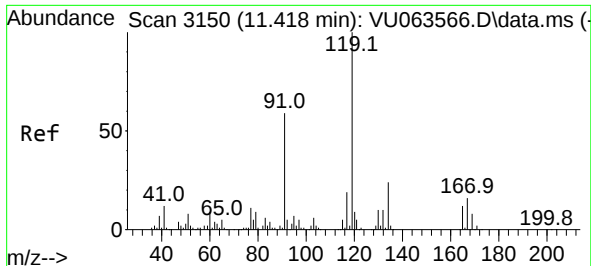
Tgt Ion:112 Resp: 277915
Ion Ratio Lower Upper
112 100
114 32.3 25.0 37.4



#60
1,1,1,2-Tetrachloroethane
Concen: 8.299 ug/l
RT: 9.525 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU063584.D
Acq: 15 Sep 2025 17:45

Tgt Ion:131 Resp: 89560
Ion Ratio Lower Upper
131 100
133 96.5 75.8 113.8
119 66.6 51.8 77.6

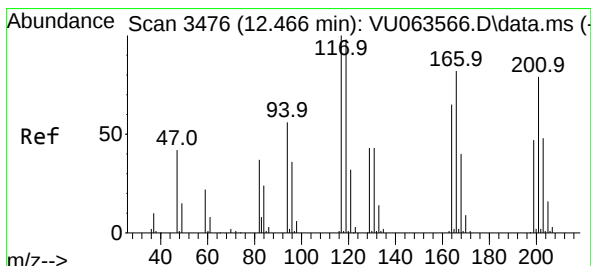
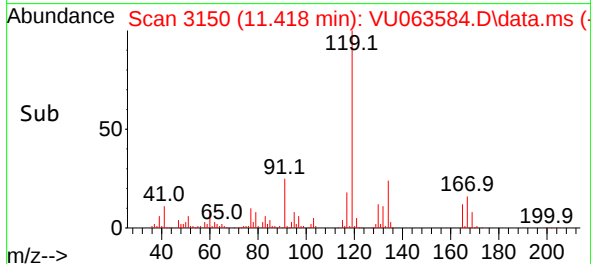
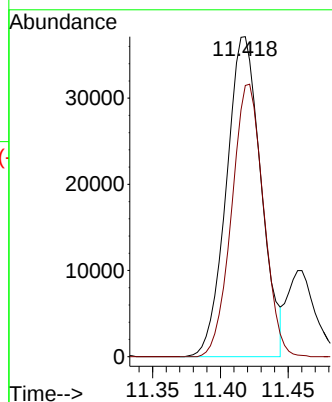
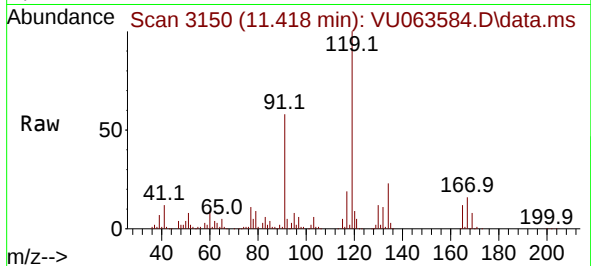




#61
 Pentachloroethane
 Concen: 8.515 ug/l
 RT: 11.418 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU063584.D
 Acq: 15 Sep 2025 17:45

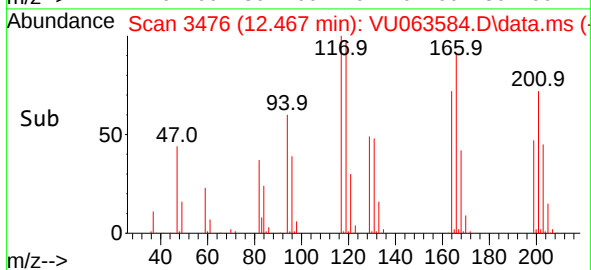
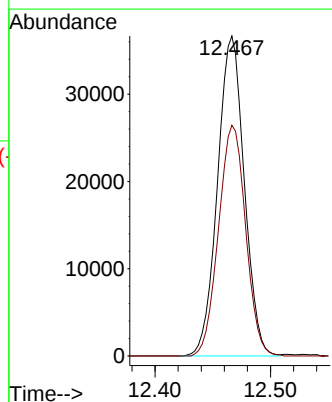
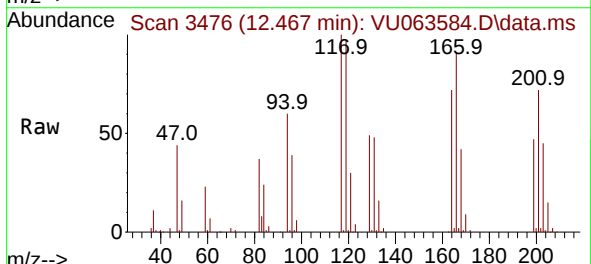
Instrument :
 MSVOA_U
 ClientSampleId :

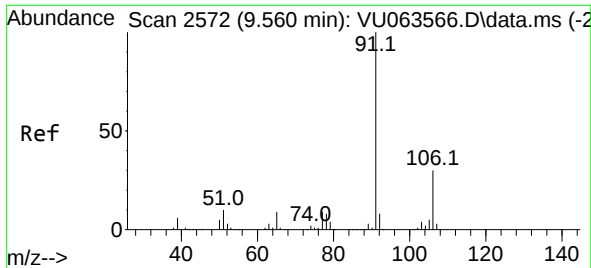
Tgt Ion:117 Resp: 65859
 Ion Ratio Lower Upper
 117 100
 167 78.1 62.6 93.8



#62
 Hexachloroethane
 Concen: 8.770 ug/l
 RT: 12.467 min Scan# 3476
 Delta R.T. 0.000 min
 Lab File: VU063584.D
 Acq: 15 Sep 2025 17:45

Tgt Ion:117 Resp: 59002
 Ion Ratio Lower Upper
 117 100
 201 73.1 61.0 91.6

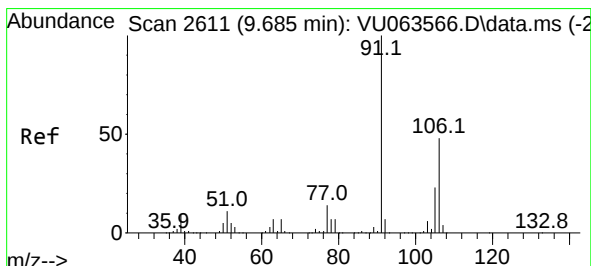
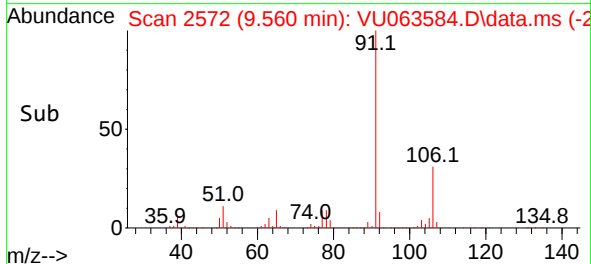
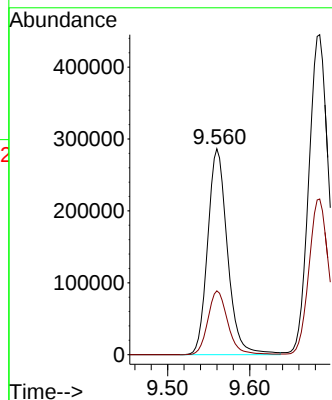
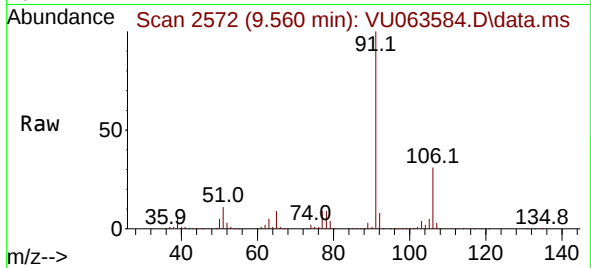




#63
Ethyl Benzene
Concen: 8.524 ug/l
RT: 9.560 min Scan# 2572
Delta R.T. 0.000 min
Lab File: VU063584.D
Acq: 15 Sep 2025 17:45

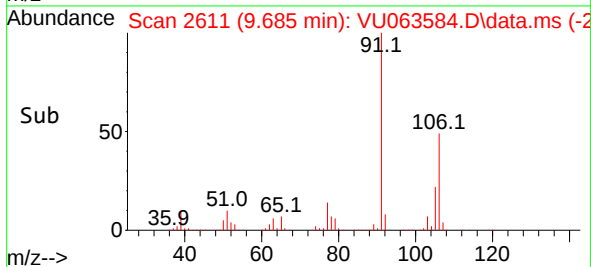
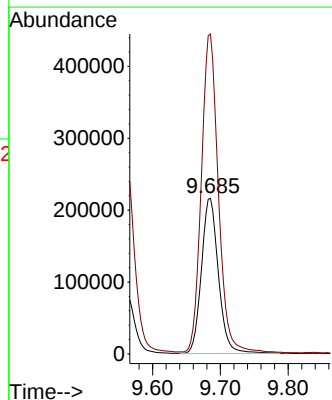
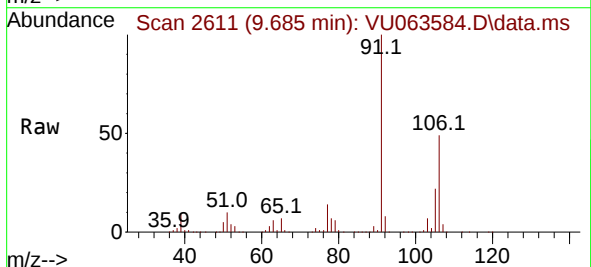
Instrument :
MSVOA_U
ClientSampleId :

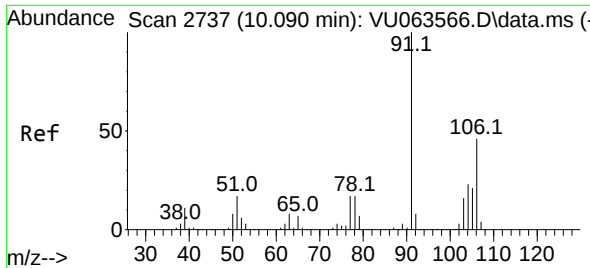
Tgt Ion: 91 Resp: 480846
Ion Ratio Lower Upper
91 100
106 31.0 23.8 35.8



#64
m/p-Xylenes
Concen: 17.367 ug/l
RT: 9.685 min Scan# 2611
Delta R.T. 0.000 min
Lab File: VU063584.D
Acq: 15 Sep 2025 17:45

Tgt Ion: 106 Resp: 376466
Ion Ratio Lower Upper
106 100
91 206.7 167.0 250.4

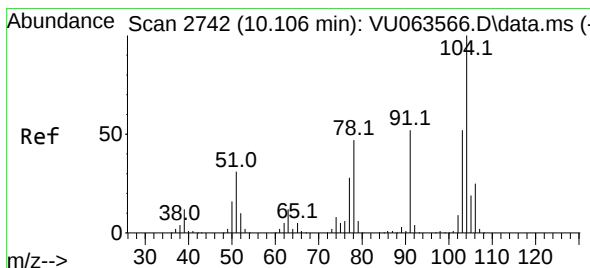
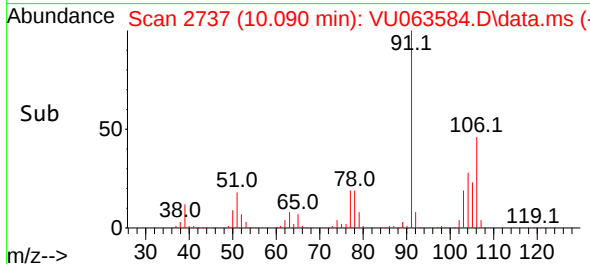
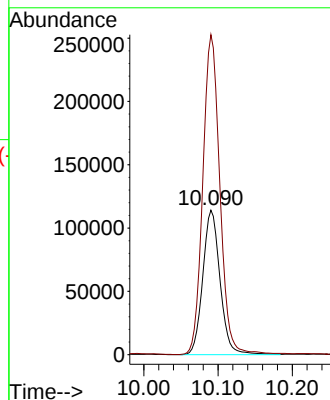
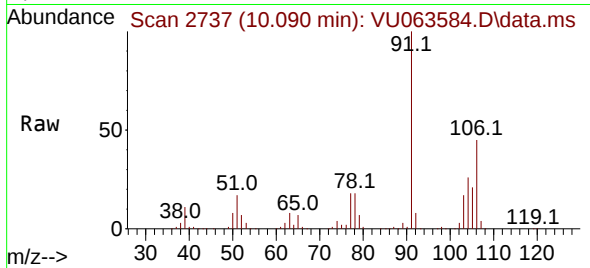




#65
o-Xylene
Concen: 8.512 ug/l
RT: 10.090 min Scan# 2737
Delta R.T. 0.000 min
Lab File: VU063584.D
Acq: 15 Sep 2025 17:45

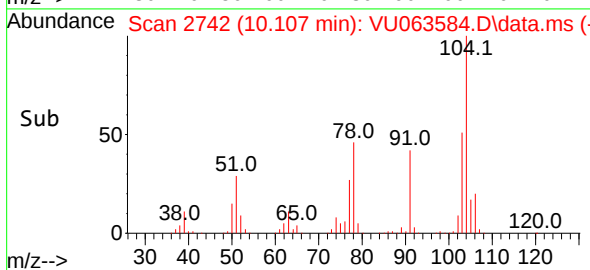
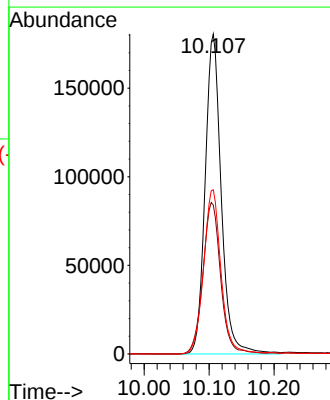
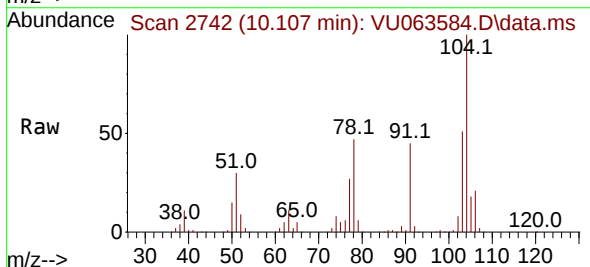
Instrument :
MSVOA_U
ClientSampleId :

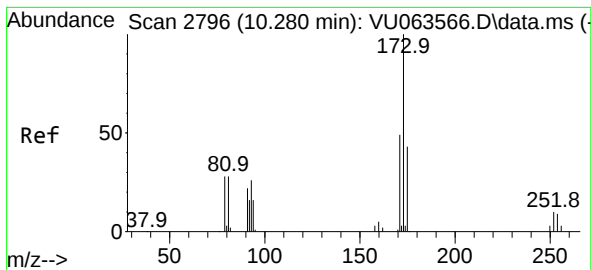
Tgt Ion:106 Resp: 184685
Ion Ratio Lower Upper
106 100
91 218.4 108.7 326.1



#66
Styrene
Concen: 9.020 ug/l
RT: 10.107 min Scan# 2742
Delta R.T. 0.000 min
Lab File: VU063584.D
Acq: 15 Sep 2025 17:45

Tgt Ion:104 Resp: 312428
Ion Ratio Lower Upper
104 100
78 52.1 41.2 61.8
103 55.3 44.2 66.2





#67

Bromoform

Concen: 8.371 ug/l

RT: 10.280 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU063584.D

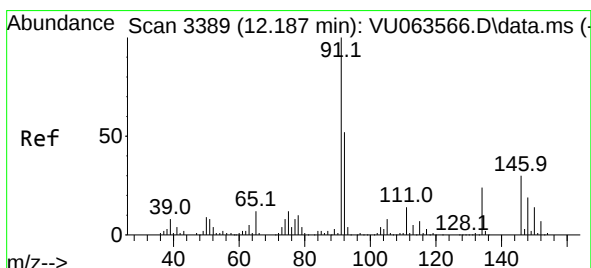
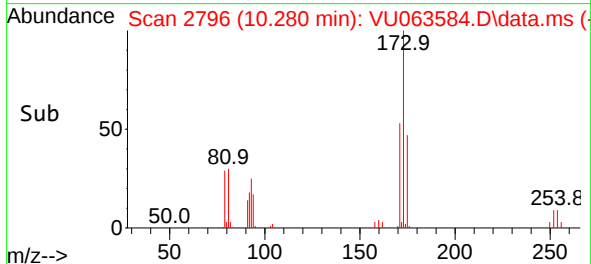
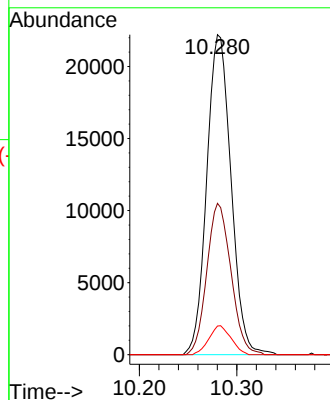
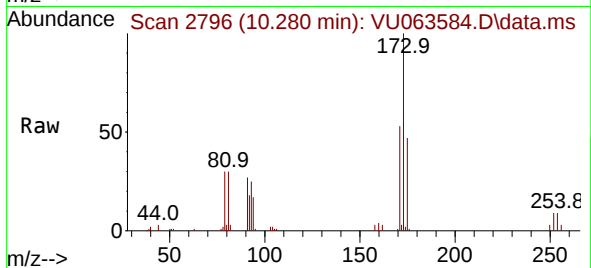
Acq: 15 Sep 2025 17:45

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:173	Resp:	38385
Ion Ratio	Lower	Upper
173	100	
175	46.9	37.0 55.6
254	8.3	7.1 10.7



#68

1,2-Dichlorobenzene-d4

Concen: 0.924 ug/l

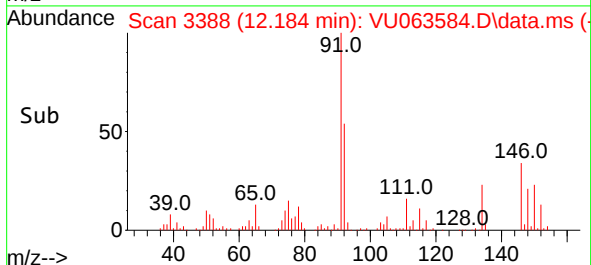
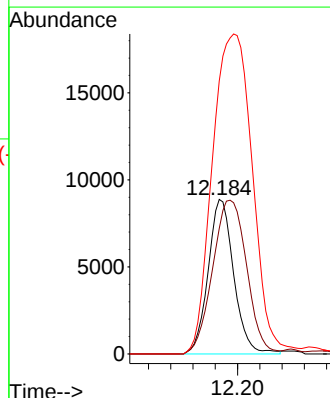
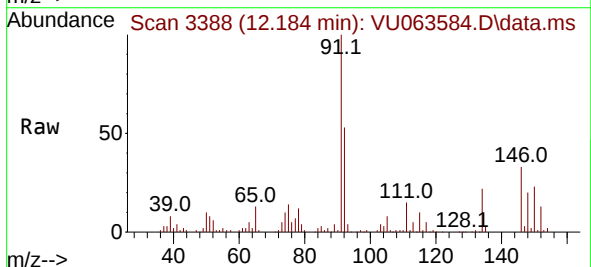
RT: 12.184 min Scan# 3388

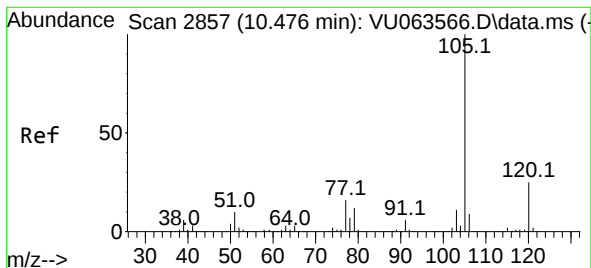
Delta R.T. -0.003 min

Lab File: VU063584.D

Acq: 15 Sep 2025 17:45

Tgt Ion:152	Resp:	14163
Ion Ratio	Lower	Upper
152	100	
115	132.1	0.0 260.6
150	323.6	0.0 661.8





#69

Isopropylbenzene

Concen: 8.581 ug/l

RT: 10.473 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU063584.D

Acq: 15 Sep 2025 17:45

Instrument :

MSVOA_U

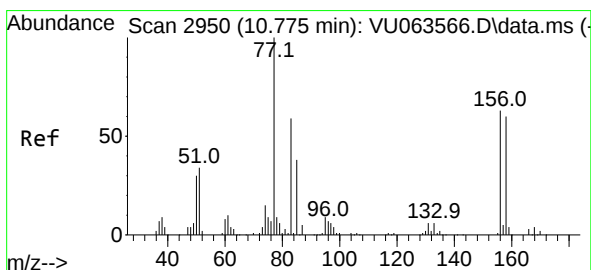
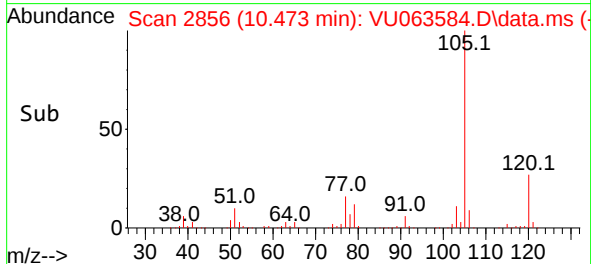
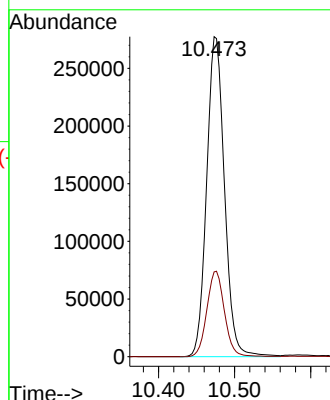
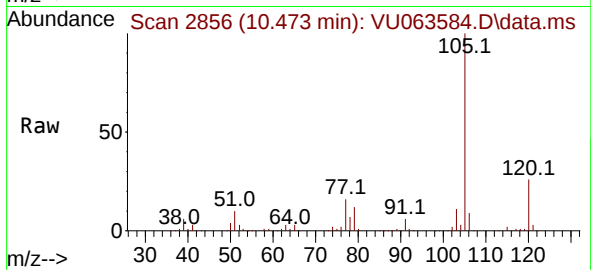
ClientSampleId :

Tgt Ion:105 Resp: 451963

Ion Ratio Lower Upper

105 100

120 26.4 12.7 38.0



#70

1,1,2,2-Tetrachloroethane

Concen: 8.587 ug/l

RT: 10.772 min Scan# 2949

Delta R.T. -0.003 min

Lab File: VU063584.D

Acq: 15 Sep 2025 17:45

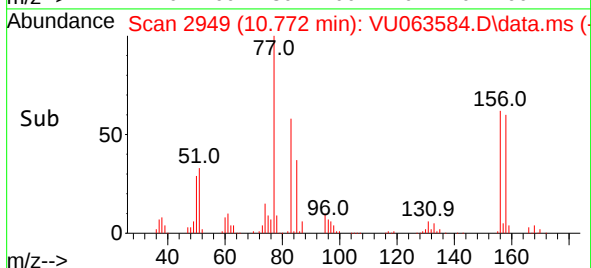
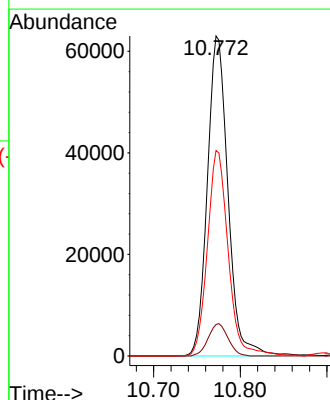
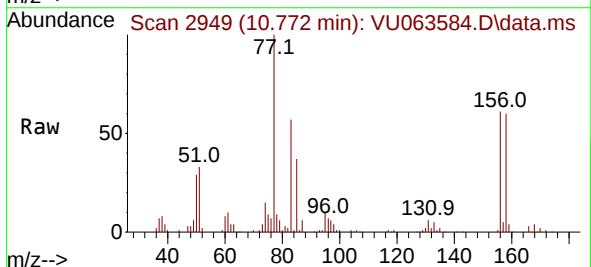
Tgt Ion: 83 Resp: 103859

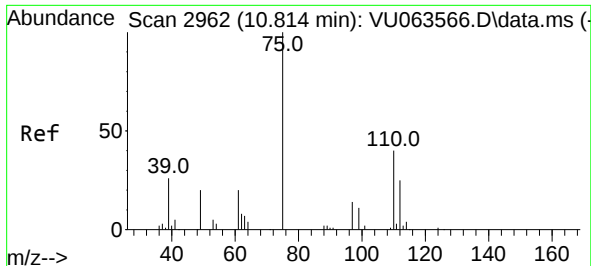
Ion Ratio Lower Upper

83 100

131 9.7 7.7 11.5

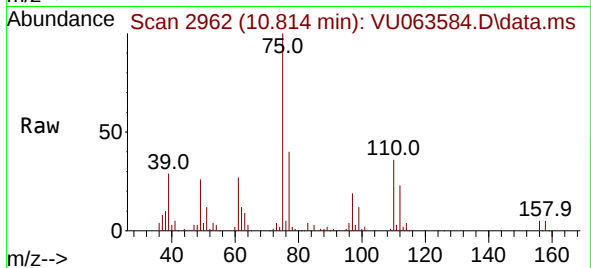
85 64.8 52.2 78.4



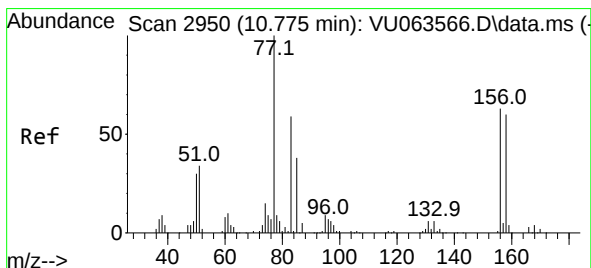
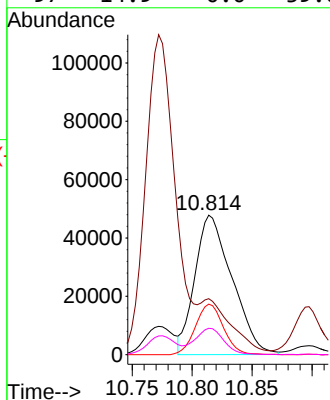
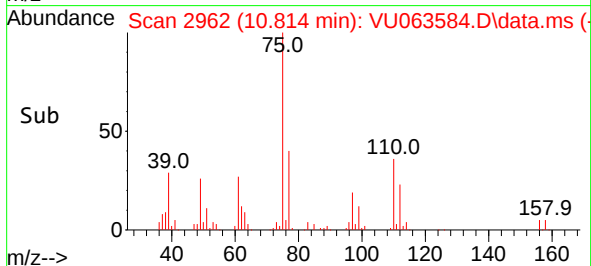


#71
1,2,3-Trichloropropane
Concen: 11.506 ug/l
RT: 10.814 min Scan# 2962
Delta R.T. 0.000 min
Lab File: VU063584.D
Acq: 15 Sep 2025 17:45

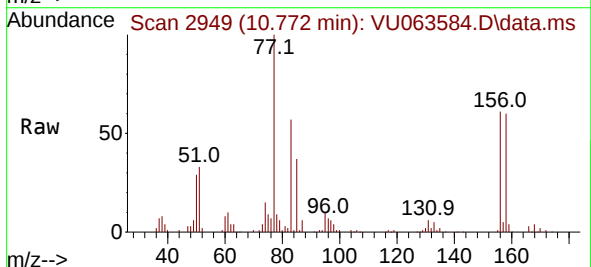
Instrument :
MSVOA_U
ClientSampleId :



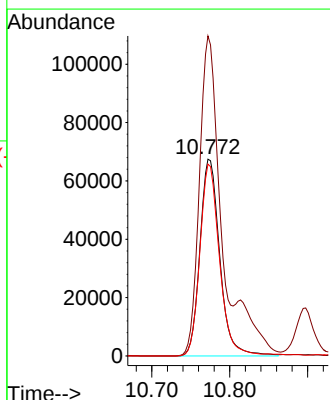
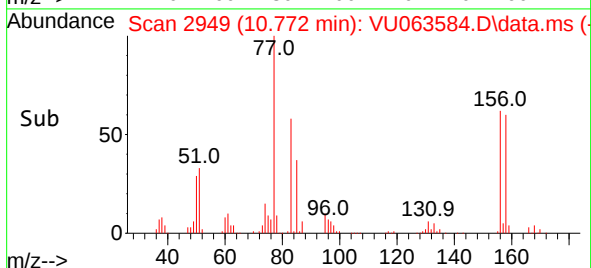
Tgt Ion: 75 Resp: 103169
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0
110 27.5 0.0 77.6
97 14.9 0.0 39.6

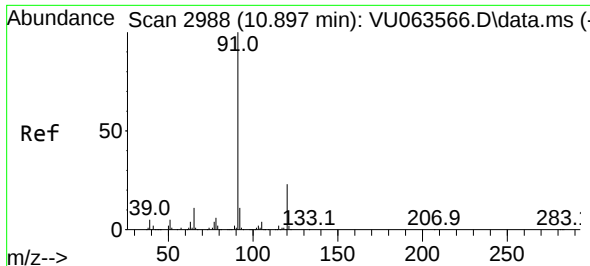


#72
Bromobenzene
Concen: 8.729 ug/l
RT: 10.772 min Scan# 2949
Delta R.T. -0.003 min
Lab File: VU063584.D
Acq: 15 Sep 2025 17:45



Tgt Ion: 156 Resp: 119275
Ion Ratio Lower Upper
156 100
77 159.4 0.0 323.0
158 95.8 0.0 195.4

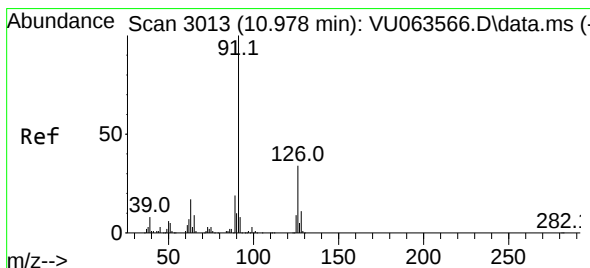
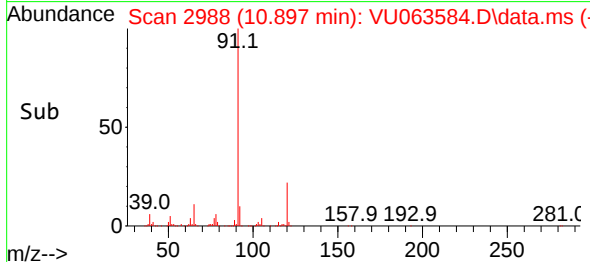
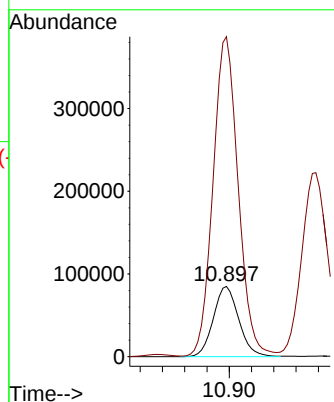
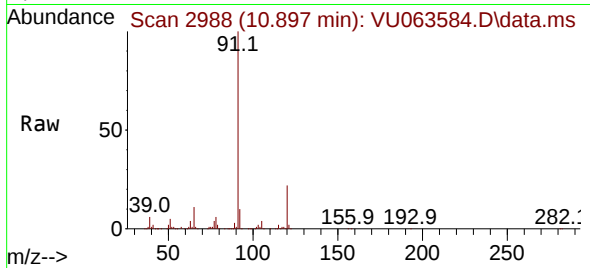




#73
n-propylbenzene
Concen: 8.834 ug/l
RT: 10.897 min Scan# 2988
Delta R.T. 0.000 min
Lab File: VU063584.D
Acq: 15 Sep 2025 17:45

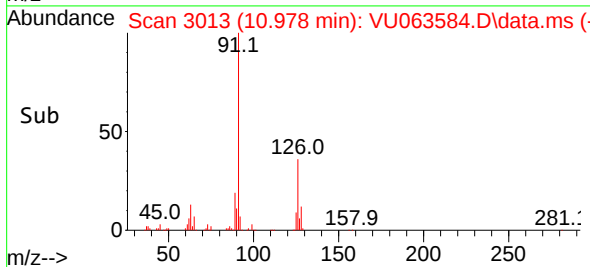
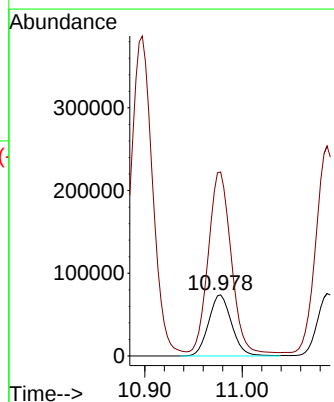
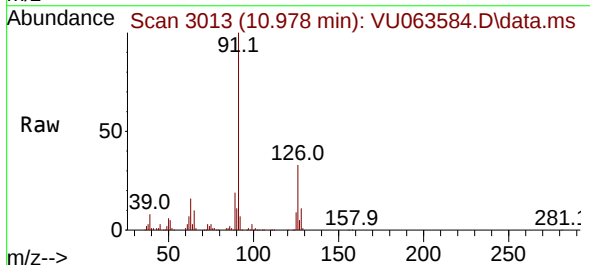
Instrument :
MSVOA_U
ClientSampleId :

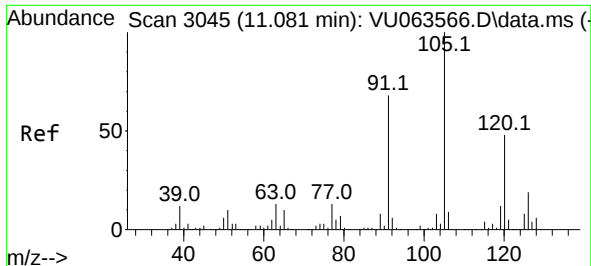
Tgt Ion:120 Resp: 134501
Ion Ratio Lower Upper
120 100
91 449.6 349.1 523.7



#74
2-Chlorotoluene
Concen: 8.794 ug/l
RT: 10.978 min Scan# 3013
Delta R.T. 0.000 min
Lab File: VU063584.D
Acq: 15 Sep 2025 17:45

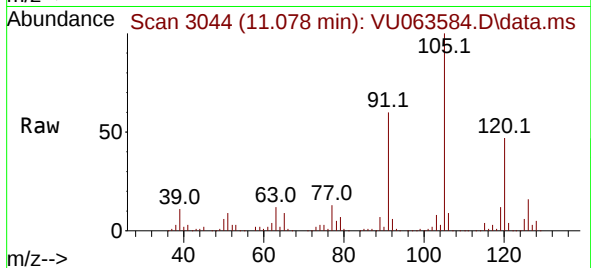
Tgt Ion:126 Resp: 121048
Ion Ratio Lower Upper
126 100
91 303.0 0.0 609.4



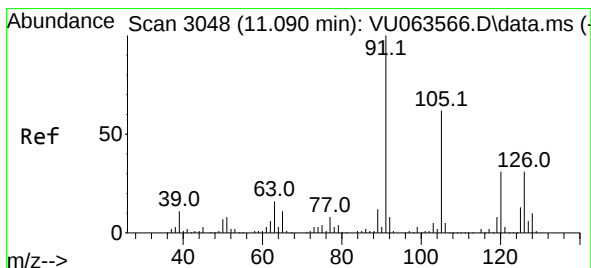
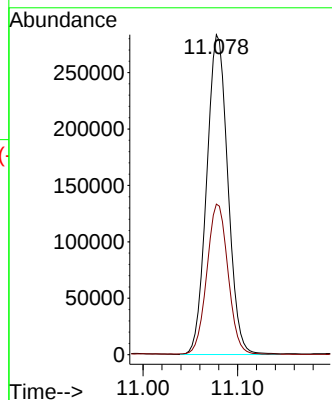
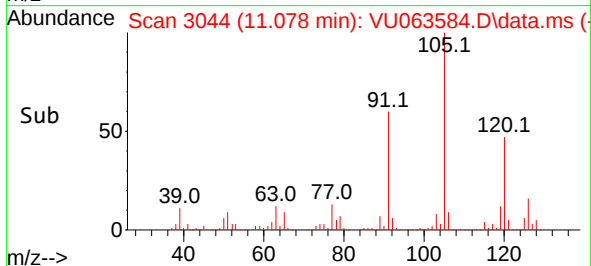


#75
1,3,5-Trimethylbenzene
Concen: 8.947 ug/l
RT: 11.078 min Scan# 3044
Delta R.T. -0.003 min
Lab File: VU063584.D
Acq: 15 Sep 2025 17:45

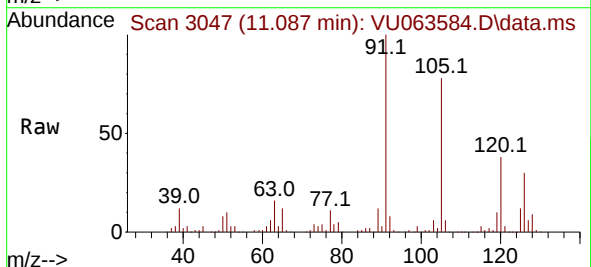
Instrument :
MSVOA_U
ClientSampleId :



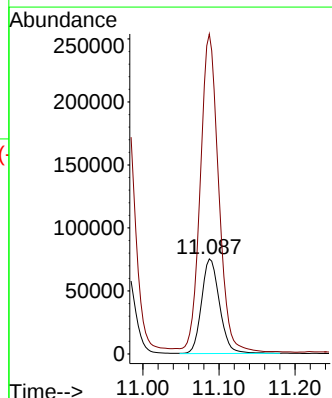
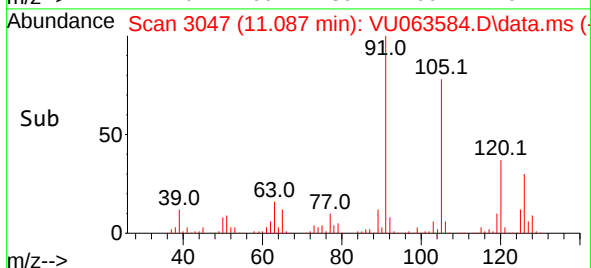
Tgt Ion:105 Resp: 440713
Ion Ratio Lower Upper
105 100
120 46.8 38.0 57.0

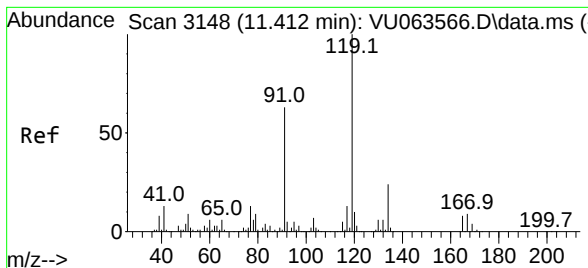


#76
4-Chlorotoluene
Concen: 8.551 ug/l
RT: 11.087 min Scan# 3047
Delta R.T. -0.003 min
Lab File: VU063584.D
Acq: 15 Sep 2025 17:45



Tgt Ion:126 Resp: 123293
Ion Ratio Lower Upper
126 100
91 341.1 0.0 679.4





#77

tert-Butylbenzene

Concen: 8.725 ug/l

RT: 11.412 min Scan# 3148

Delta R.T. 0.000 min

Lab File: VU063584.D

Acq: 15 Sep 2025 17:45

Instrument :

MSVOA_U

ClientSampleId :

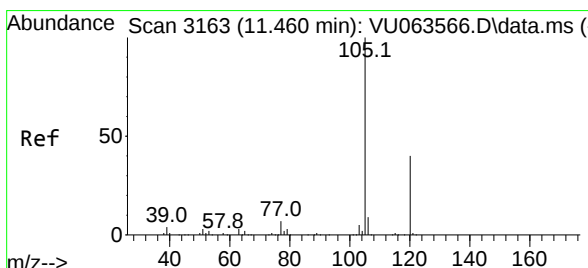
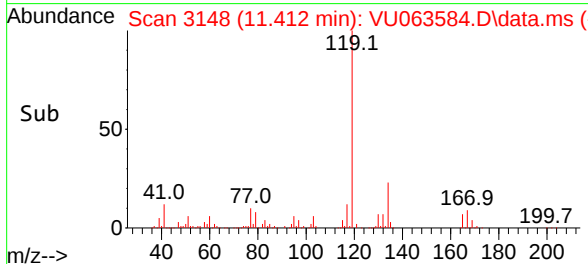
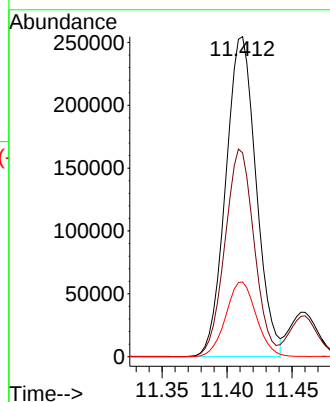
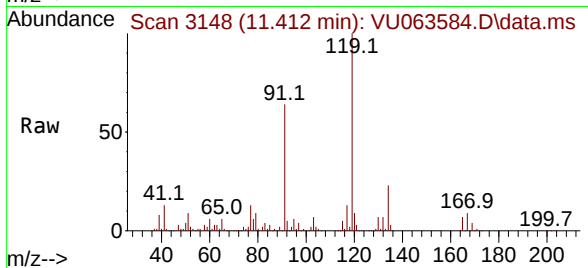
Tgt Ion:119 Resp: 415512

Ion Ratio Lower Upper

119 100

91 62.1 31.0 93.0

134 23.4 19.0 28.6



#78

1,2,4-Trimethylbenzene

Concen: 9.167 ug/l

RT: 11.457 min Scan# 3162

Delta R.T. -0.003 min

Lab File: VU063584.D

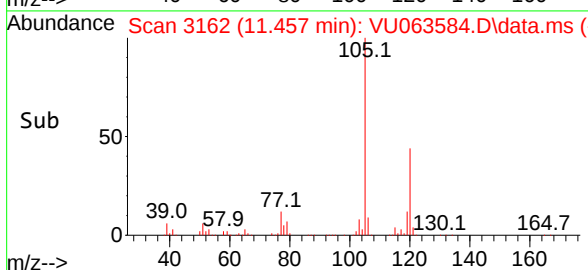
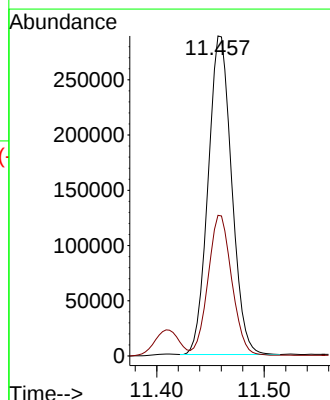
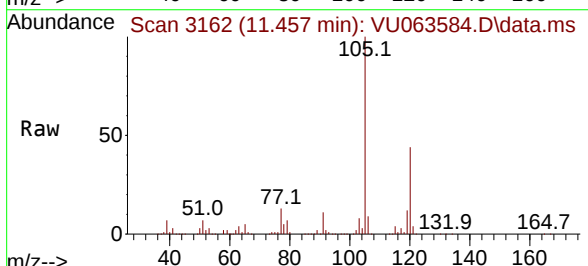
Acq: 15 Sep 2025 17:45

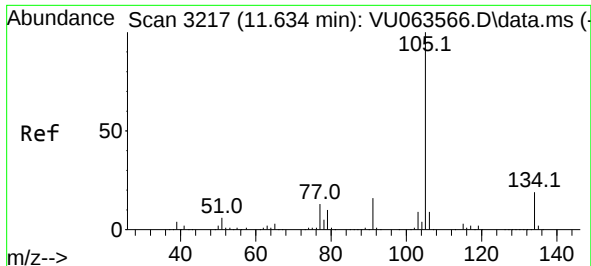
Tgt Ion:105 Resp: 439477

Ion Ratio Lower Upper

105 100

120 44.4 22.4 67.3

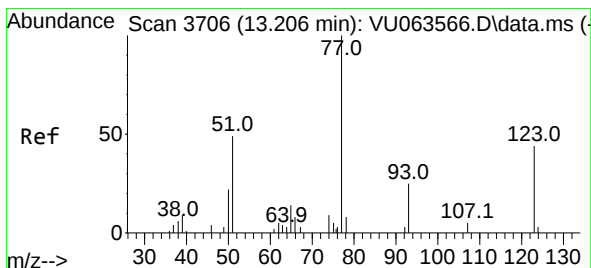
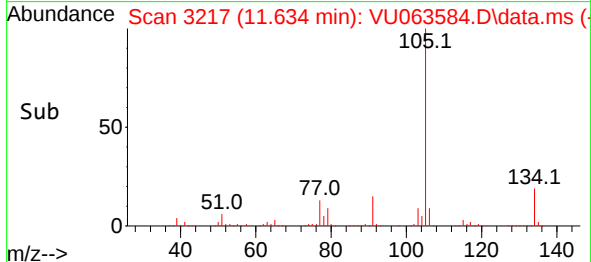
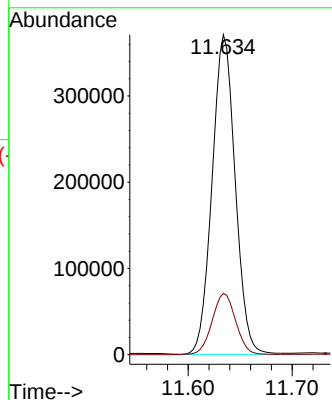
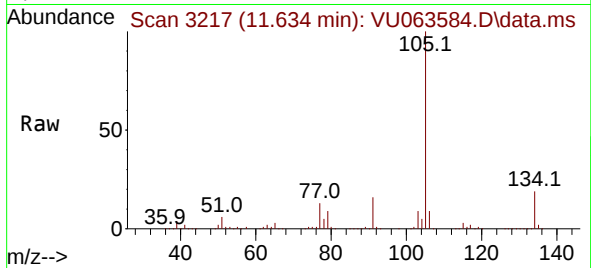




#79
 sec-Butylbenzene
 Concen: 8.869 ug/l
 RT: 11.634 min Scan# 3217
 Delta R.T. 0.000 min
 Lab File: VU063584.D
 Acq: 15 Sep 2025 17:45

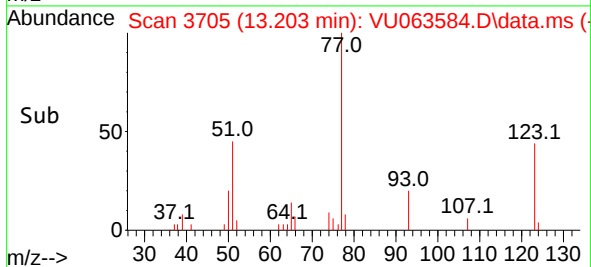
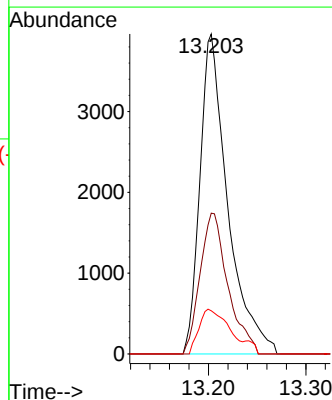
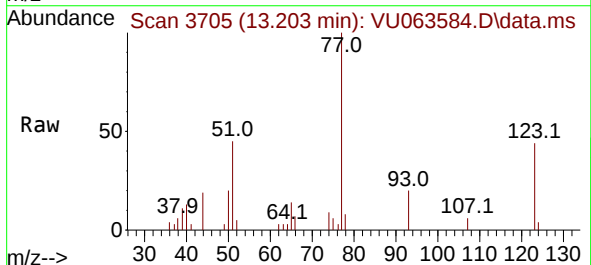
Instrument :
 MSVOA_U
 ClientSampleId :

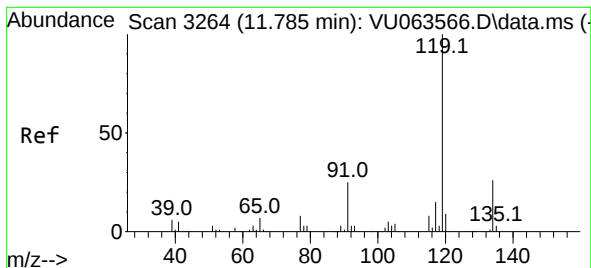
Tgt Ion:105 Resp: 572209
 Ion Ratio Lower Upper
 105 100
 134 19.7 15.6 23.4



#80
 Nitrobenzene
 Concen: 35.214 ug/l
 RT: 13.203 min Scan# 3705
 Delta R.T. -0.003 min
 Lab File: VU063584.D
 Acq: 15 Sep 2025 17:45

Tgt Ion: 77 Resp: 7834
 Ion Ratio Lower Upper
 77 100
 123 44.2 18.0 63.6
 65 11.6 12.8 16.4#





#81

p-Isopropyltoluene

Concen: 9.104 ug/l

RT: 11.785 min Scan# 3264

Delta R.T. 0.000 min

Lab File: VU063584.D

Acq: 15 Sep 2025 17:45

Instrument :

MSVOA_U

ClientSampleId :

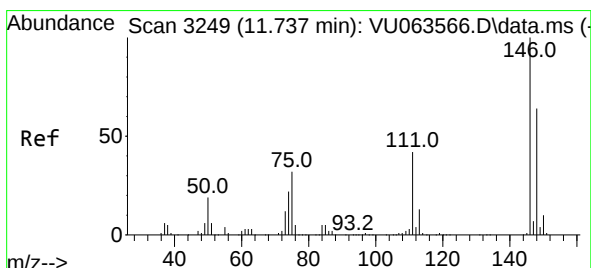
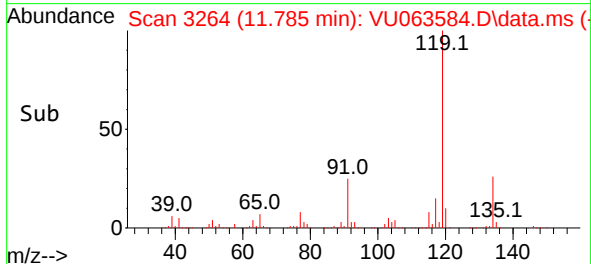
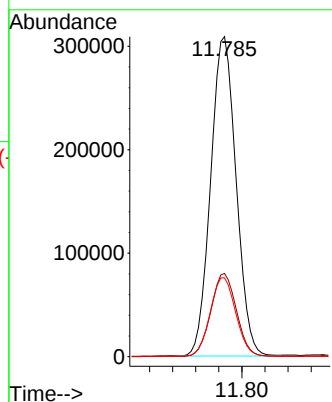
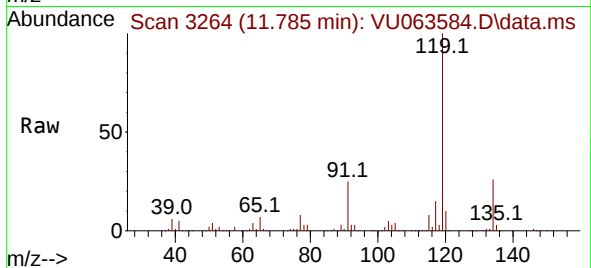
Tgt Ion:119 Resp: 472621

Ion Ratio Lower Upper

119 100

134 26.0 20.6 30.8

91 24.6 19.8 29.6



#82

1,3-Dichlorobenzene

Concen: 8.721 ug/l

RT: 11.737 min Scan# 3249

Delta R.T. 0.000 min

Lab File: VU063584.D

Acq: 15 Sep 2025 17:45

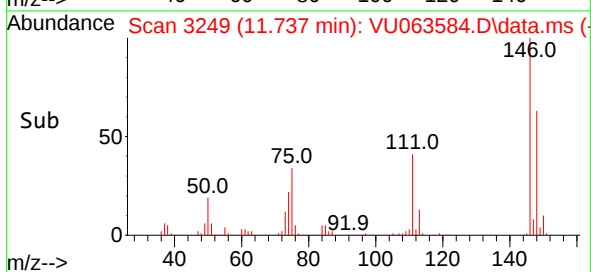
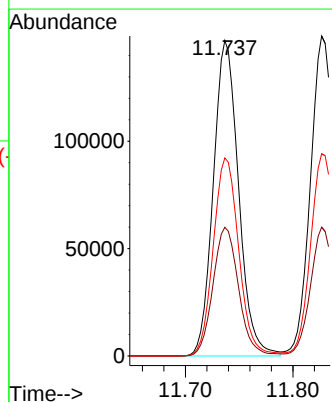
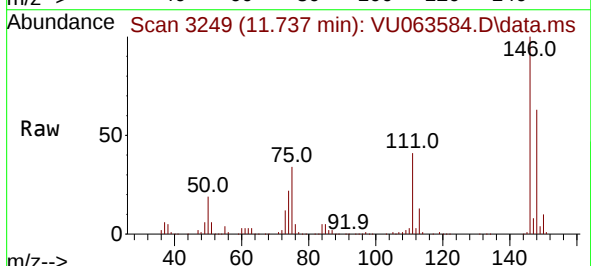
Tgt Ion:146 Resp: 239807

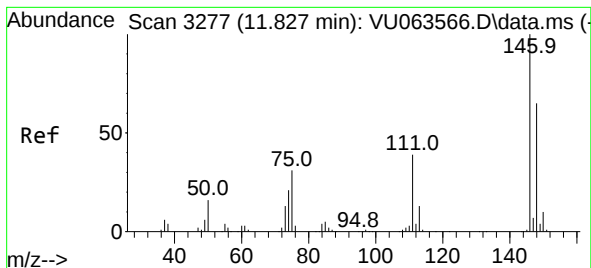
Ion Ratio Lower Upper

146 100

111 41.5 32.7 49.1

148 63.5 50.4 75.6





#83

1,4-Dichlorobenzene

Concen: 8.506 ug/l

RT: 11.827 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VU063584.D

Acq: 15 Sep 2025 17:45

Instrument :

MSVOA_U

ClientSampleId :

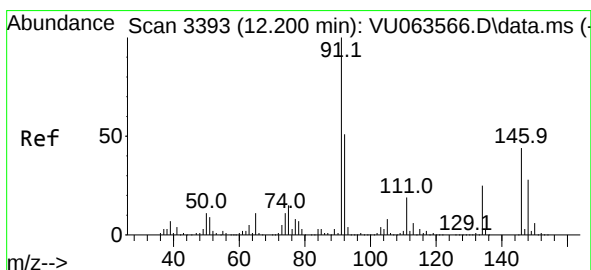
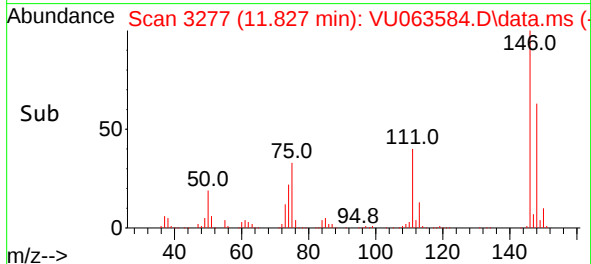
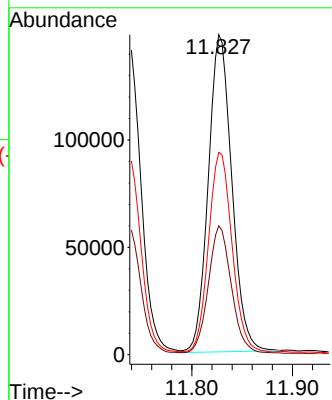
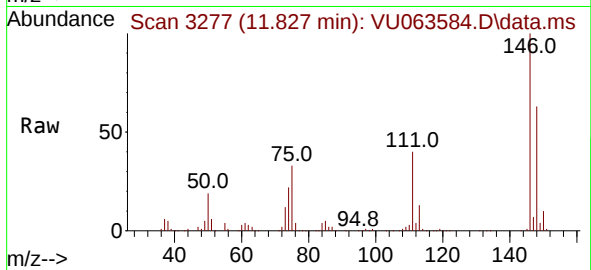
Tgt Ion:146 Resp: 240242

Ion Ratio Lower Upper

146 100

111 39.6 31.6 47.4

148 63.3 51.8 77.8



#84

n-Butylbenzene

Concen: 9.010 ug/l

RT: 12.200 min Scan# 3393

Delta R.T. 0.000 min

Lab File: VU063584.D

Acq: 15 Sep 2025 17:45

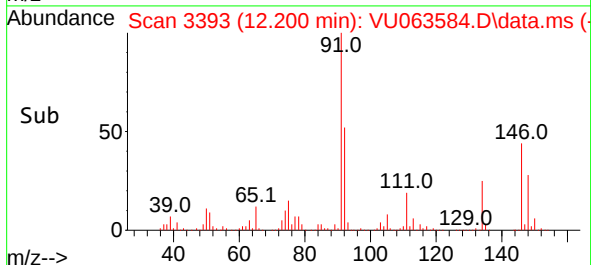
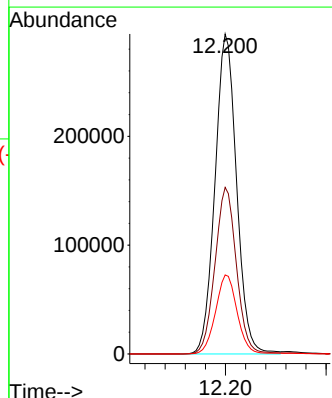
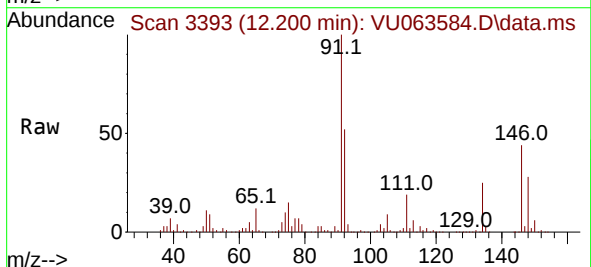
Tgt Ion: 91 Resp: 438354

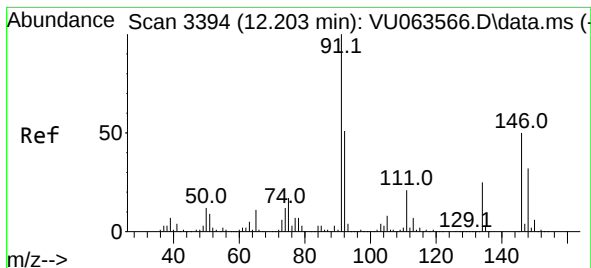
Ion Ratio Lower Upper

91 100

92 51.7 41.3 61.9

134 24.6 19.9 29.9





#85

1,2-Dichlorobenzene

Concen: 8.719 ug/l

RT: 12.203 min Scan# 3394

Delta R.T. 0.000 min

Lab File: VU063584.D

Acq: 15 Sep 2025 17:45

Instrument :

MSVOA_U

ClientSampleId :

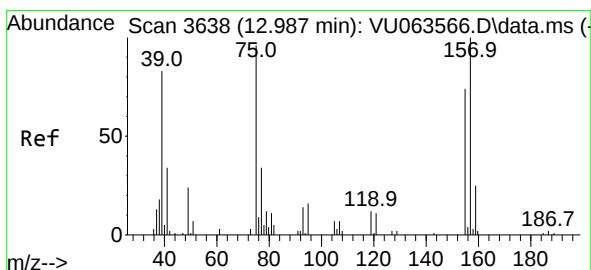
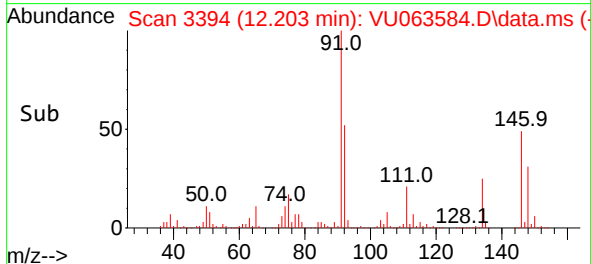
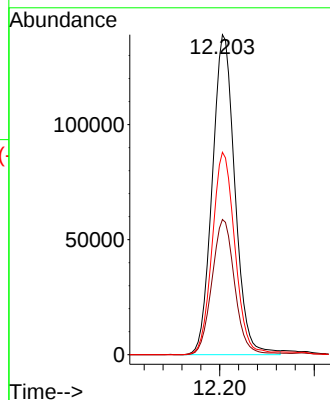
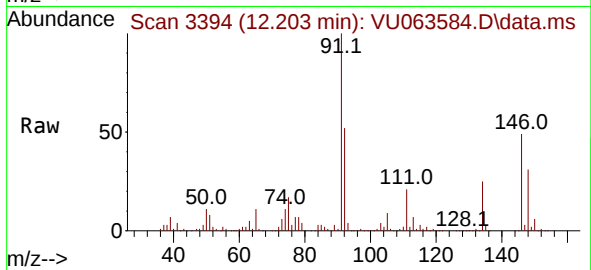
Tgt Ion:146 Resp: 231249

Ion Ratio Lower Upper

146 100

111 42.6 21.0 63.0

148 63.4 31.8 95.3



#86

1,2-Dibromo-3-Chloropropane

Concen: 9.119 ug/l

RT: 12.987 min Scan# 3638

Delta R.T. 0.000 min

Lab File: VU063584.D

Acq: 15 Sep 2025 17:45

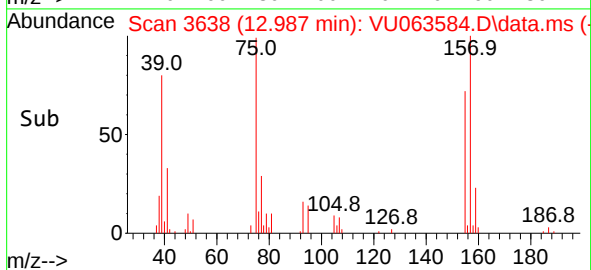
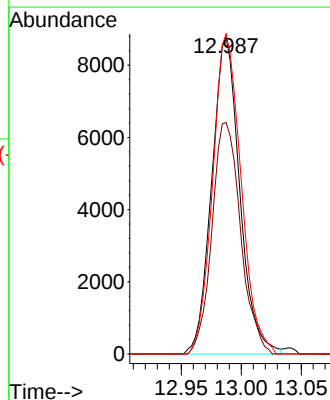
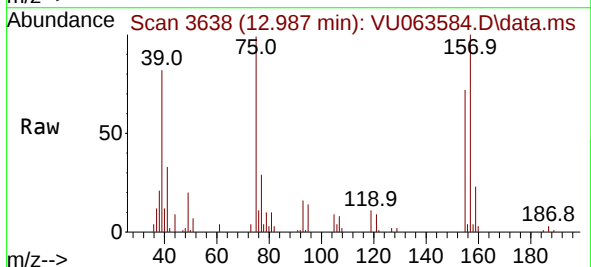
Tgt Ion: 75 Resp: 14215

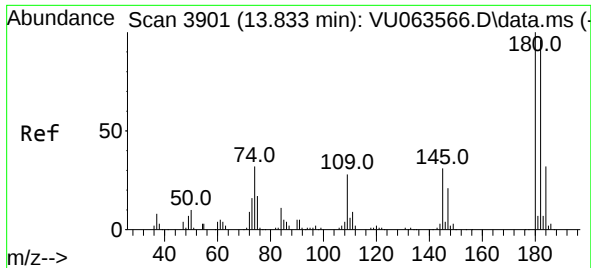
Ion Ratio Lower Upper

75 100

155 74.7 64.1 96.1

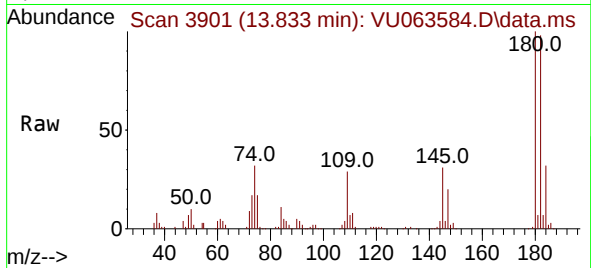
157 102.5 84.2 126.4



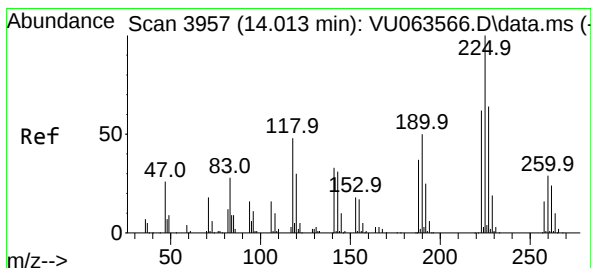
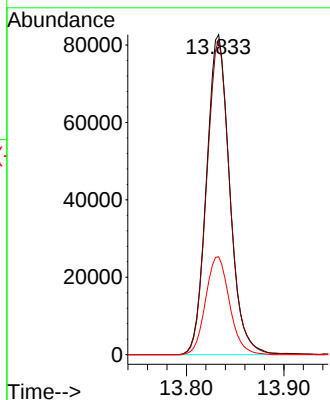
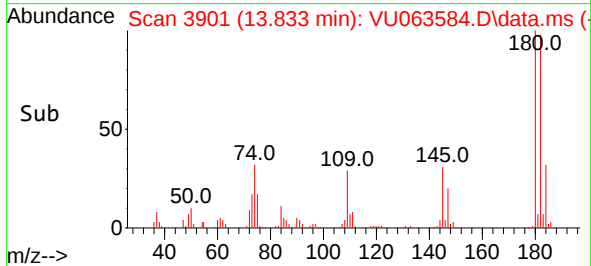


#87
1,2,4-Trichlorobenzene
Concen: 8.518 ug/l
RT: 13.833 min Scan# 3901
Delta R.T. 0.000 min
Lab File: VU063584.D
Acq: 15 Sep 2025 17:45

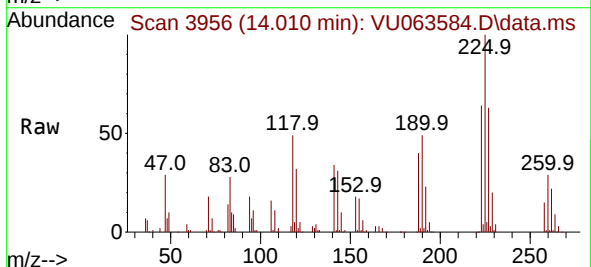
Instrument :
MSVOA_U
ClientSampleId :



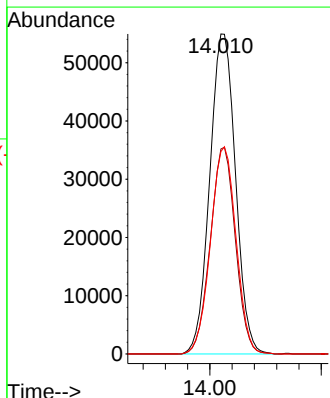
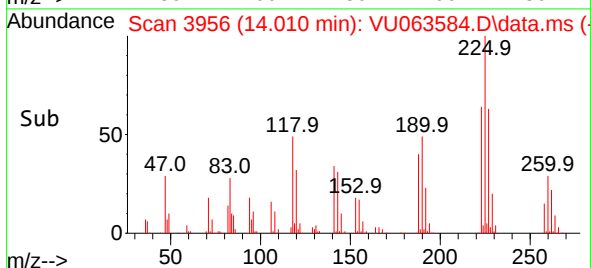
Tgt Ion:180 Resp: 136801
Ion Ratio Lower Upper
180 100
182 98.2 77.1 115.7
145 31.6 25.0 37.4

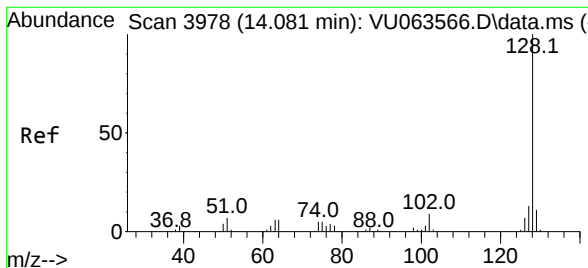


#88
Hexachlorobutadiene
Concen: 8.829 ug/l
RT: 14.010 min Scan# 3956
Delta R.T. -0.003 min
Lab File: VU063584.D
Acq: 15 Sep 2025 17:45



Tgt Ion:225 Resp: 88230
Ion Ratio Lower Upper
225 100
223 63.0 50.2 75.2
227 64.2 51.6 77.4





#89

Naphthalene

Concen: 8.656 ug/l

RT: 14.077 min Scan# 3977

Delta R.T. -0.003 min

Lab File: VU063584.D

Acq: 15 Sep 2025 17:45

Instrument :

MSVOA_U

ClientSampleId :

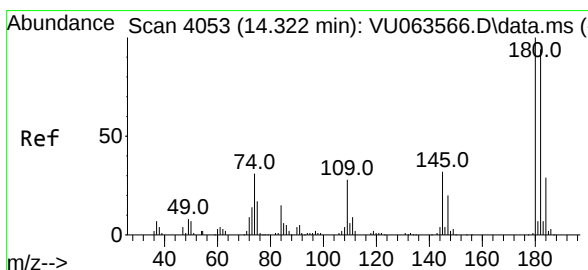
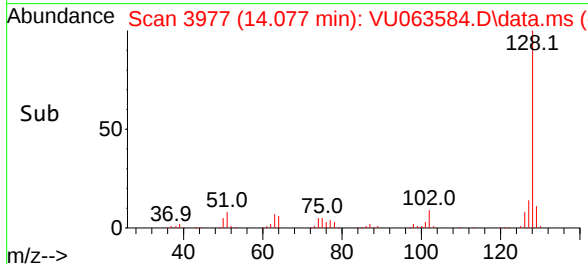
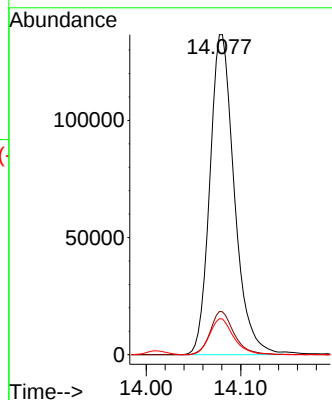
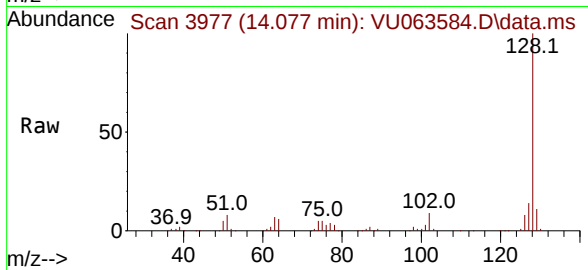
Tgt Ion:128 Resp: 245758

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.4

129 11.1 8.6 13.0



#90

1,2,3-Trichlorobenzene

Concen: 9.197 ug/l

RT: 14.322 min Scan# 4053

Delta R.T. 0.000 min

Lab File: VU063584.D

Acq: 15 Sep 2025 17:45

Tgt Ion:180 Resp: 140164

Ion Ratio Lower Upper

180 100

182 95.8 76.8 115.2

145 33.0 26.6 40.0

