

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091625\
 Data File : VU063595.D
 Acq On : 16 Sep 2025 15:44
 Operator : MD/SY
 Sample : VSTDCCC010
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 17 03:04:58 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	32304	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	13007	1.081	ug/l	0.00
Spiked Amount	1.000		Recovery	= 108.000%		
68) 1,2-Dichlorobenzene-d4	12.187	152	13832	1.127	ug/l	0.00
Spiked Amount	1.000		Recovery	= 113.000%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	119693	11.228	ug/l	98
3) Chloromethane	1.518	50	113182	10.841	ug/l	99
4) Vinyl Chloride	1.599	62	129362	11.437	ug/l	98
5) Bromomethane	1.833	94	70420	10.085	ug/l	99
6) Chloroethane	1.917	64	81054	11.146	ug/l	98
7) Trichlorofluoromethane	2.126	101	192764	11.612	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.570	101	106820	11.495	ug/l	98
9) 1,1-Dichloroethene	2.567	96	95559	11.352	ug/l	99
10) Iodomethane	2.708	142	148076	12.226	ug/l	100
11) Allyl Chloride	2.911	41	158677	11.336	ug/l	99
12) Acrylonitrile	3.303	53	61247	24.036	ug/l	96
13) Acetone	2.615	43	242781	67.301	ug/l	100
14) Carbon Disulfide	2.779	76	187874	10.682	ug/l	100
15) Methylene Chloride	3.030	84	125216	11.257	ug/l	96
16) trans-1,2-Dichloroethene	3.335	96	103757	11.567	ug/l	96
17) 1,1-Dichloroethane	3.849	63	234763	11.426	ug/l	99
18) 2-Butanone	4.705	43	270715	65.892	ug/l	99
19) Cyclohexane	5.364	56	180801	10.987	ug/l	92
20) Methylcyclohexane	6.743	83	181462	12.028	ug/l	99
21) 2,2-Dichloropropane	4.647	77	171057	11.255	ug/l	100
22) cis-1,2-Dichloroethene	4.650	96	127477	11.576	ug/l	99
23) Diethyl Ether	2.367	59	87223	11.690	ug/l	98
24) tert-Butyl Alcohol	3.184	59	106601	107.791	ug/l	100
25) Methyl tert-Butyl Ether	3.357	73	289322	11.509	ug/l	98
26) Bromochloromethane	4.959	128	52710	11.843	ug/l	94
27) Chloroform	5.071	83	249509	12.135	ug/l	100
28) 1,1,1-Trichloroethane	5.296	97	192399	12.173	ug/l	98
29) 1,1-Dichloropropene	5.505	75	178400	12.149	ug/l	98
30) Carbon Tetrachloride	5.502	117	146394	12.580	ug/l	97
31) Isopropyl Ether	3.988	45	394306	11.450	ug/l	99
32) Ethyl-t-butyl ether	4.499	59	331689	11.274	ug/l	100
33) Tert-Amyl methyl ether	5.939	73	279954	11.170	ug/l	99
34) Propionitrile	4.769	54	54908	57.137	ug/l	98
35) Benzene	5.753	78	492007	11.638	ug/l	98
36) 1,2-Dichloroethane	5.779	62	165737	11.619	ug/l	99
37) Trichloroethene	6.525	130	120567	11.458	ug/l	99
38) 1,2-Dichloropropane	6.779	63	141728	12.654	ug/l	100
39) Methacrylonitrile	4.968	41	53196	11.727	ug/l	98
40) Methyl acrylate	4.843	55	67235	10.812	ug/l	99
41) Tetrahydrofuran	5.055	42	53823	22.760	ug/l	99
42) 1-Chlorobutane	5.438	56	251629	12.223	ug/l	95
43) Dibromomethane	6.904	93	65145	12.131	ug/l	97
44) Bromodichloromethane	7.094	83	147543	12.860	ug/l	98

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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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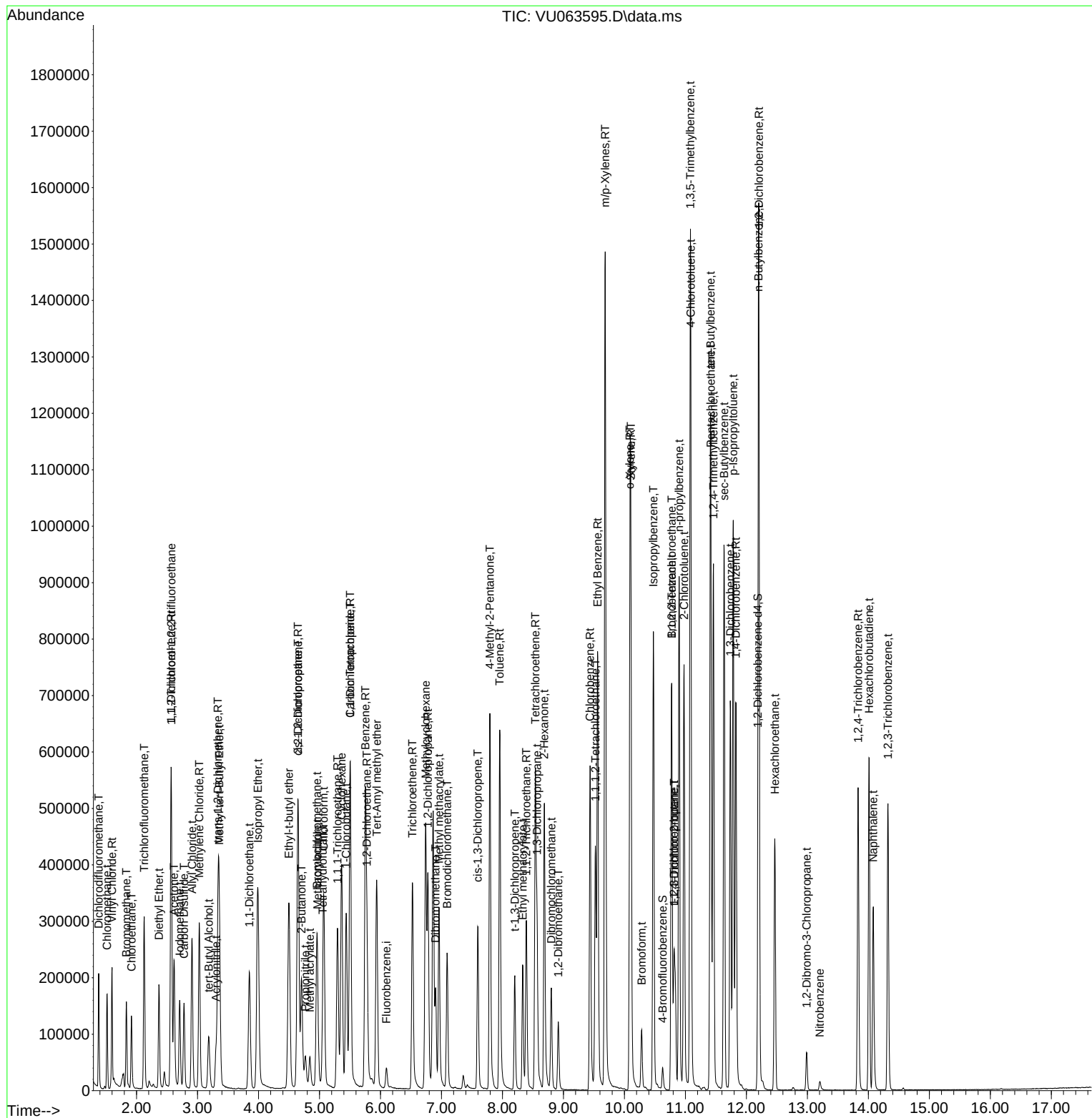
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.795	43	454251	67.544	ug/l	98
46) t-1,4-Dichloro-2-butene	10.814	75	120682	47.958	ug/l #	69
47) Methyl methacrylate	6.962	69	123252	25.656	ug/l	93
48) Ethyl methacrylate	8.332	69	110504	12.403	ug/l	98
49) Toluene	7.955	92	277821	12.108	ug/l	99
50) t-1,3-Dichloropropene	8.203	75	103118	11.998	ug/l	98
51) cis-1,3-Dichloropropene	7.595	75	154580	13.520	ug/l	95
52) 1,1,2-Trichloroethane	8.393	97	92259	12.138	ug/l	99
53) 1,3-Dichloropropane	8.566	76	156592	11.858	ug/l	99
54) 2-Hexanone	8.685	43	342439	69.679	ug/l	97
55) Dibromochloromethane	8.801	129	89327	12.126	ug/l	99
56) 1,2-Dibromoethane	8.917	107	77671	11.845	ug/l	97
58) Tetrachloroethene	8.541	164	119954	11.575	ug/l	99
59) Chlorobenzene	9.438	112	317107	11.995	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.524	131	104662	12.120	ug/l	99
61) Pentachloroethane	11.418	117	73337	11.849	ug/l	98
62) Hexachloroethane	12.466	117	68887	12.796	ug/l	99
63) Ethyl Benzene	9.560	91	557734	12.356	ug/l	99
64) m/p-Xylenes	9.685	106	426947	24.613	ug/l	100
65) o-Xylene	10.090	106	211571	12.185	ug/l	99
66) Styrene	10.106	104	356623	12.866	ug/l	100
67) Bromoform	10.283	173	45309	12.348	ug/l	98
69) Isopropylbenzene	10.476	105	520803	12.357	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.775	83	118717	12.266	ug/l	98
71) 1,2,3-Trichloropropane	10.814	75	120682	16.820	ug/l #	84
72) Bromobenzene	10.775	156	136457	12.479	ug/l	98
73) n-propylbenzene	10.897	120	155210	12.740	ug/l	95
74) 2-Chlorotoluene	10.978	126	138218	12.548	ug/l	99
75) 1,3,5-Trimethylbenzene	11.081	105	498466	12.645	ug/l	100
76) 4-Chlorotoluene	11.090	126	141233	12.241	ug/l	100
77) tert-Butylbenzene	11.412	119	469873	12.330	ug/l	99
78) 1,2,4-Trimethylbenzene	11.460	105	502621	13.102	ug/l	99
79) sec-Butylbenzene	11.634	105	653863	12.665	ug/l	99
80) Nitrobenzene	13.203	77	9805	53.223	ug/l	97
81) p-Isopropyltoluene	11.785	119	543491	13.084	ug/l	100
82) 1,3-Dichlorobenzene	11.737	146	272564	12.387	ug/l	99
83) 1,4-Dichlorobenzene	11.830	146	273845	12.116	ug/l	98
84) n-Butylbenzene	12.200	91	507357	13.031	ug/l	99
85) 1,2-Dichlorobenzene	12.206	146	260668	12.282	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.987	75	17144	13.744	ug/l	92
87) 1,2,4-Trichlorobenzene	13.833	180	160829	12.515	ug/l	99
88) Hexachlorobutadiene	14.013	225	101743	12.722	ug/l	97
89) Naphthalene	14.081	128	269616	11.867	ug/l	100
90) 1,2,3-Trichlorobenzene	14.322	180	151712	12.439	ug/l	99

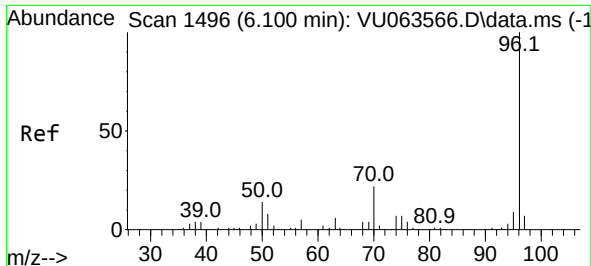
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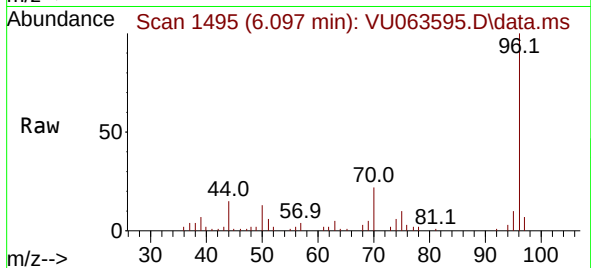
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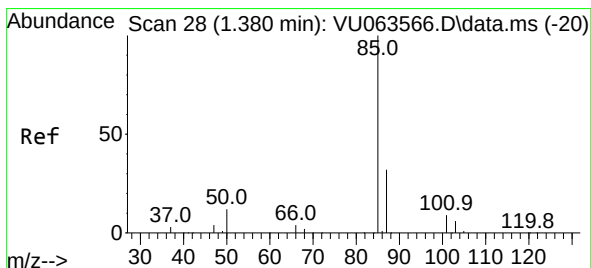
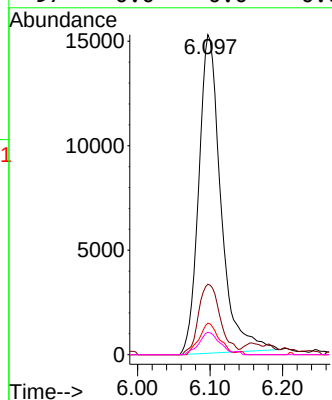
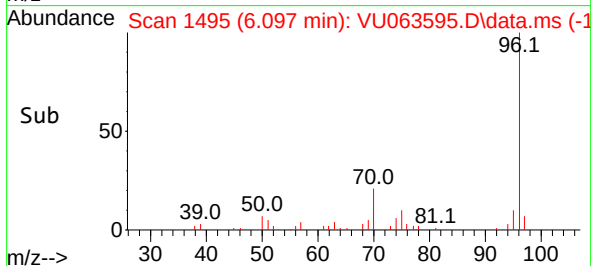


#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.097 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU063595.D
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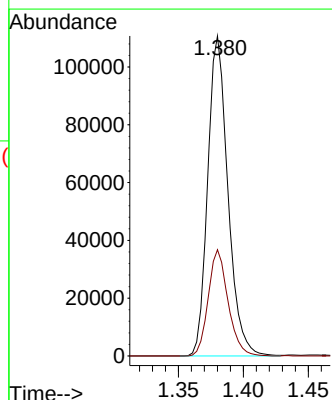
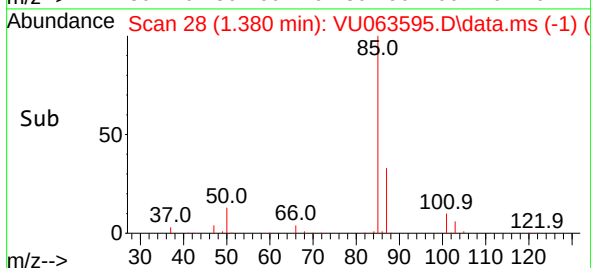
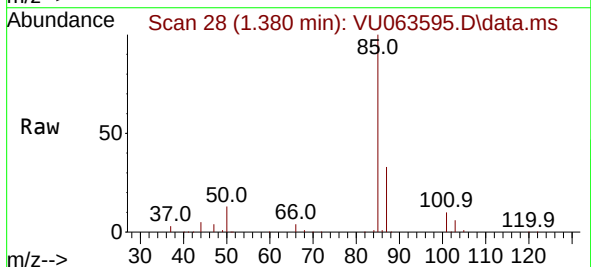


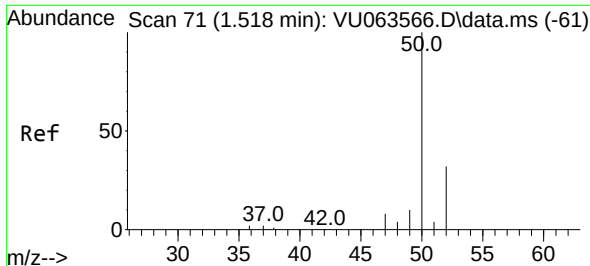
Tgt Ion: 96	Resp: 32304
Ion Ratio	Lower Upper
96 100	
70 20.1	15.5 23.3
95 8.3	7.7 11.5
97 0.0	0.0 0.0



#2
Dichlorodifluoromethane
Concen: 11.228 ug/l
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
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Tgt Ion: 85	Resp: 119693
Ion Ratio	Lower Upper
85 100	
87 33.2	16.1 48.2

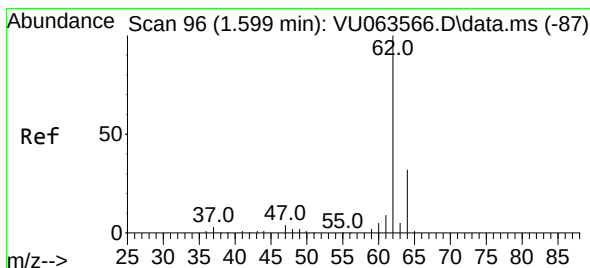
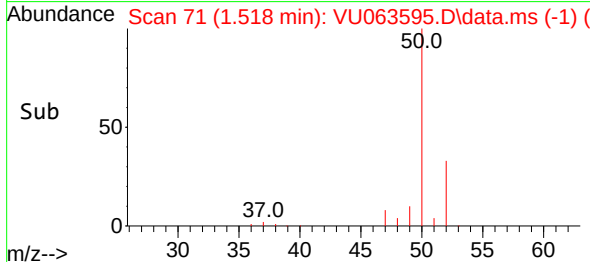
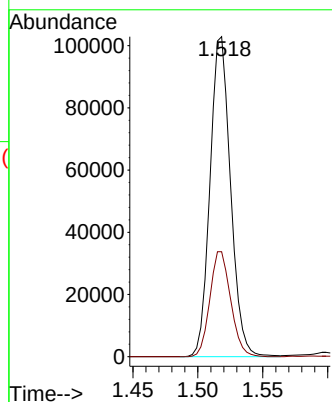
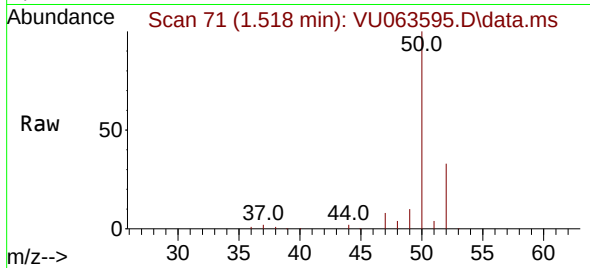




#3
Chloromethane
Concen: 10.841 ug/l
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU063595.D
Acq: 16 Sep 2025 15:44

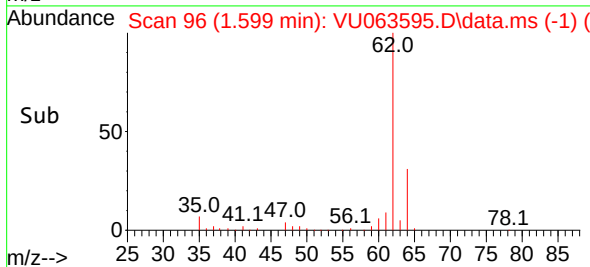
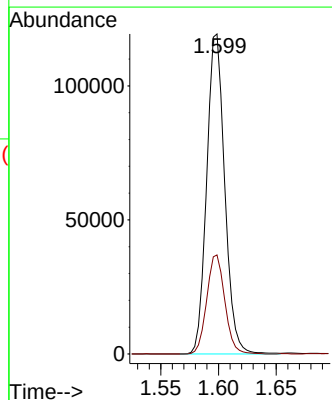
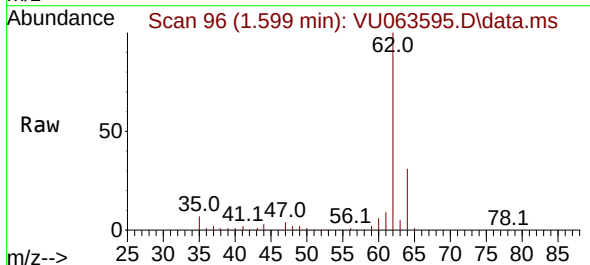
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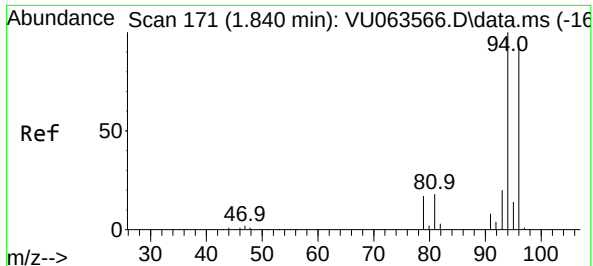
Tgt Ion: 50 Resp: 113182
Ion Ratio Lower Upper
50 100
52 32.8 25.6 38.4



#4
Vinyl Chloride
Concen: 11.437 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU063595.D
Acq: 16 Sep 2025 15:44

Tgt Ion: 62 Resp: 129362
Ion Ratio Lower Upper
62 100
64 30.9 25.5 38.3

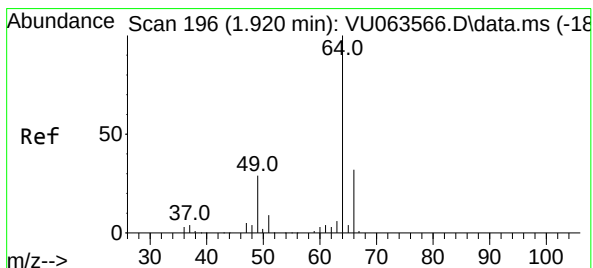
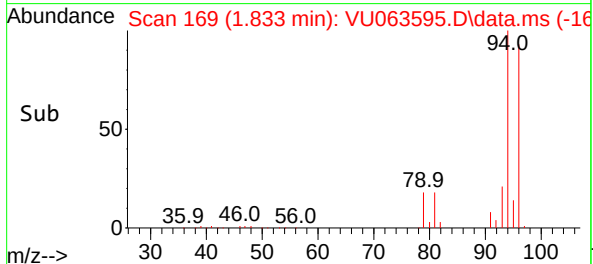
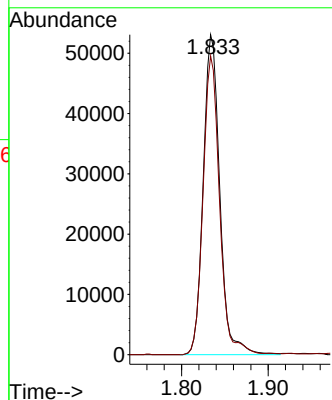
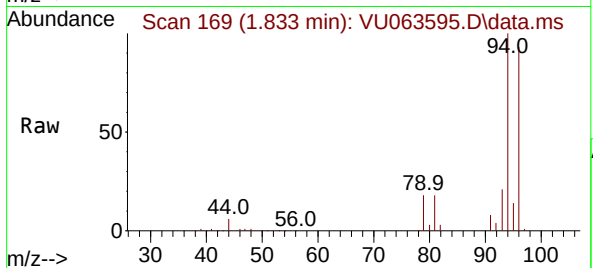




#5
Bromomethane
Concen: 10.085 ug/l
RT: 1.833 min Scan# 1
Delta R.T. -0.006 min
Lab File: VU063595.D
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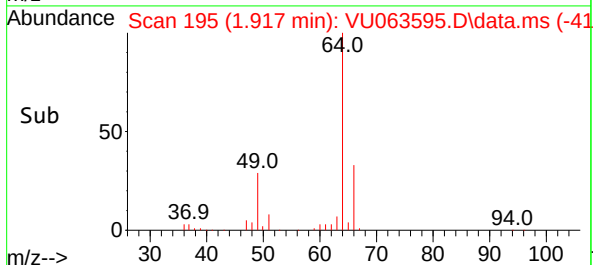
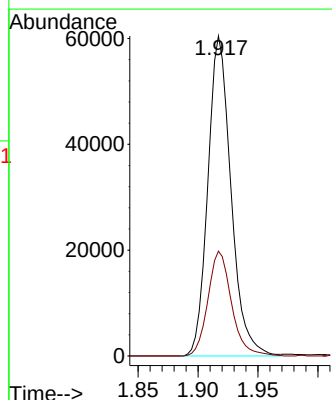
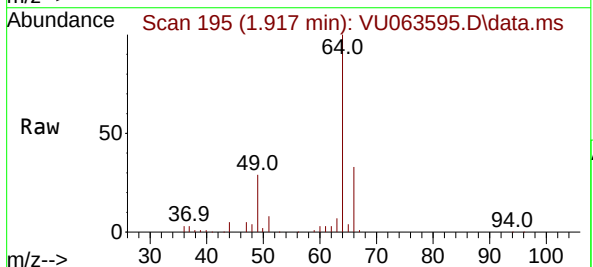
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ClientSampleId :

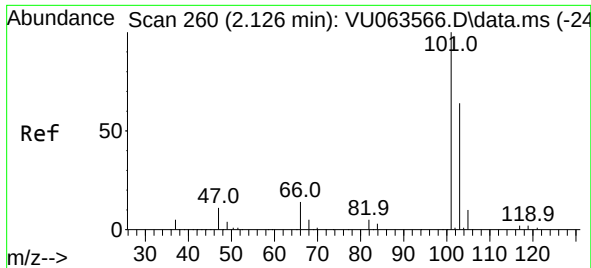
Tgt Ion: 94 Resp: 70420
Ion Ratio Lower Upper
94 100
96 93.4 75.1 112.7



#6
Chloroethane
Concen: 11.146 ug/l
RT: 1.917 min Scan# 195
Delta R.T. -0.003 min
Lab File: VU063595.D
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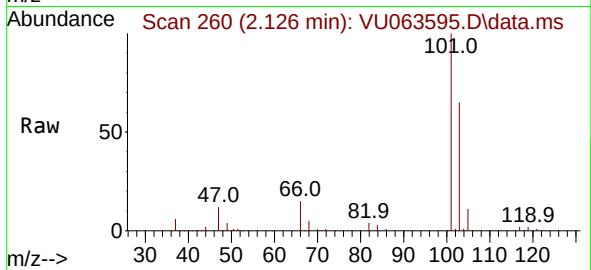
Tgt Ion: 64 Resp: 81054
Ion Ratio Lower Upper
64 100
66 32.7 25.4 38.0



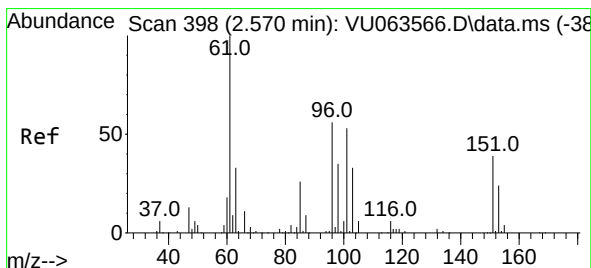
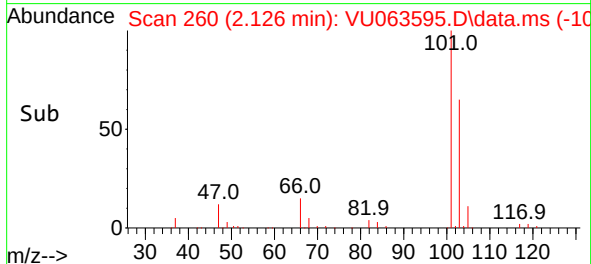
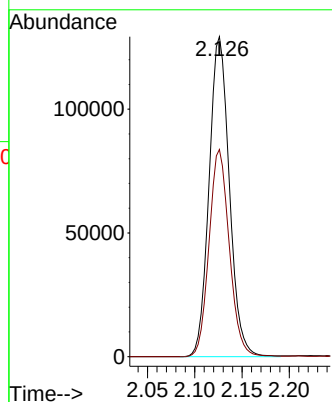


#7
 Trichlorofluoromethane
 Concen: 11.612 ug/l
 RT: 2.126 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VU063595.D
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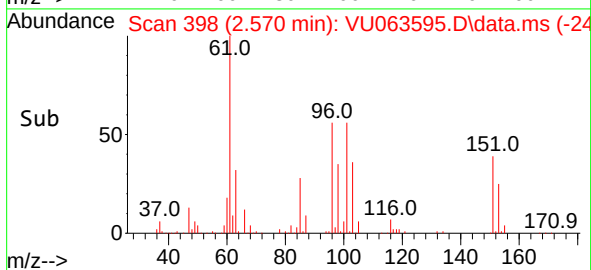
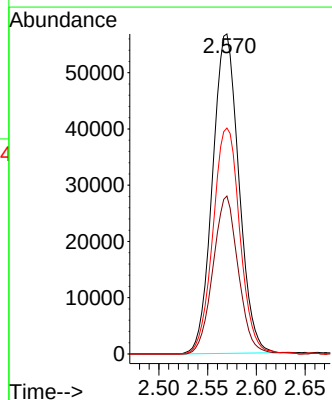
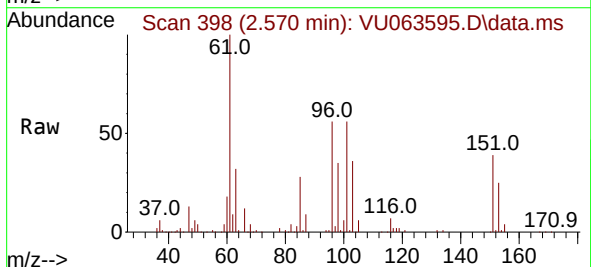


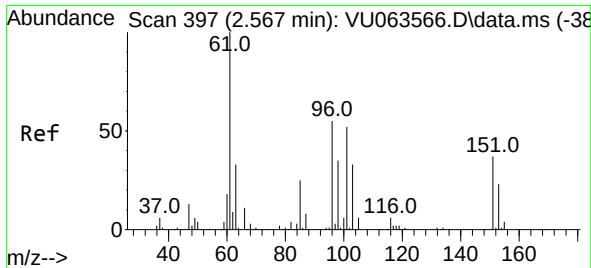
Tgt Ion:101 Resp: 192764
 Ion Ratio Lower Upper
 101 100
 103 64.8 50.8 76.2



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 11.495 ug/l
 RT: 2.570 min Scan# 398
 Delta R.T. -0.000 min
 Lab File: VU063595.D
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Tgt Ion:101 Resp: 106820
 Ion Ratio Lower Upper
 101 100
 85 46.9 38.7 58.1
 151 71.8 58.2 87.2

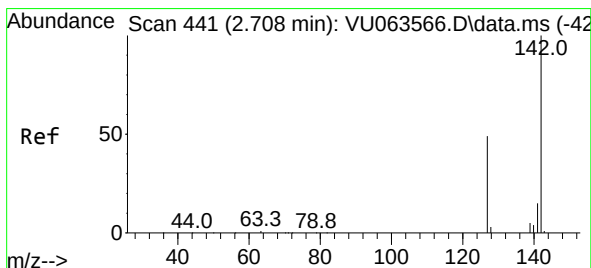
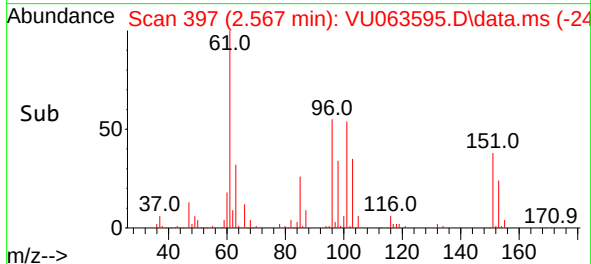
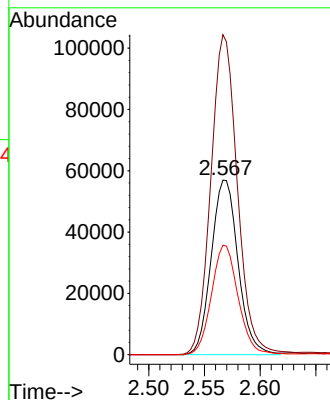
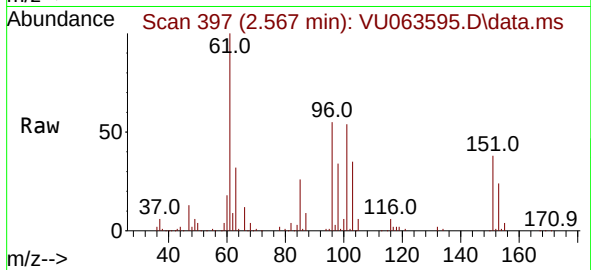




#9
1,1-Dichloroethene
Concen: 11.352 ug/l
RT: 2.567 min Scan# 397
Delta R.T. -0.000 min
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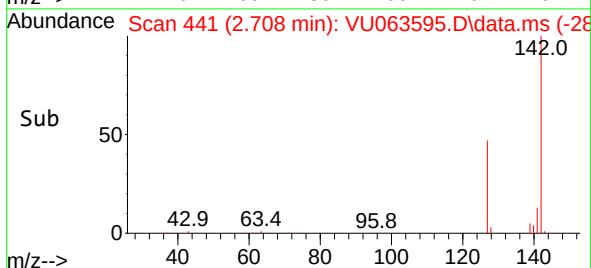
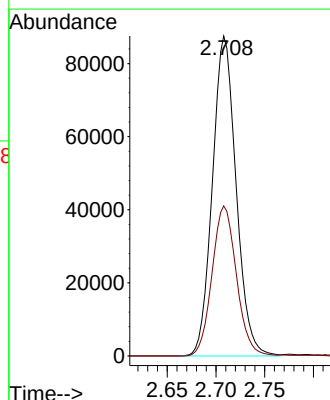
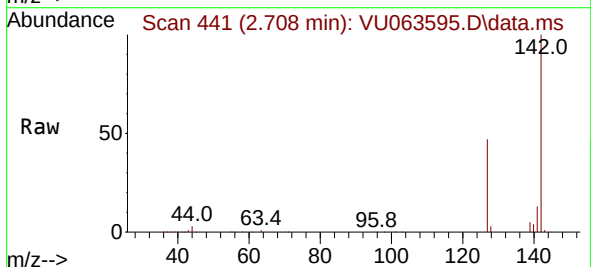
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ClientSampleId :

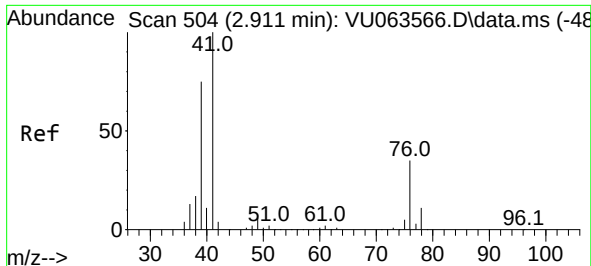
Tgt Ion: 96 Resp: 95559
Ion Ratio Lower Upper
96 100
61 183.1 0.0 543.9
98 62.7 0.0 125.8



#10
Iodomethane
Concen: 12.226 ug/l
RT: 2.708 min Scan# 441
Delta R.T. -0.000 min
Lab File: VU063595.D
Acq: 16 Sep 2025 15:44

Tgt Ion:142 Resp: 148076
Ion Ratio Lower Upper
142 100
127 48.5 38.6 58.0





#11

Allyl Chloride

Concen: 11.336 ug/l

RT: 2.911 min Scan# 504

Delta R.T. -0.000 min

Lab File: VU063595.D

Acq: 16 Sep 2025 15:44

Instrument :

MSVOA_U

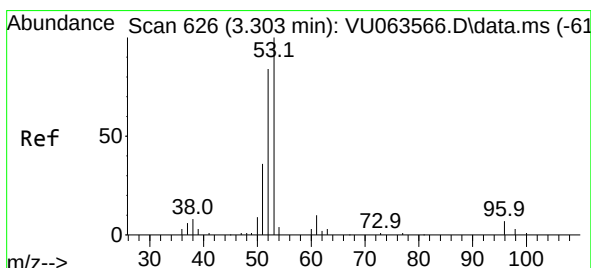
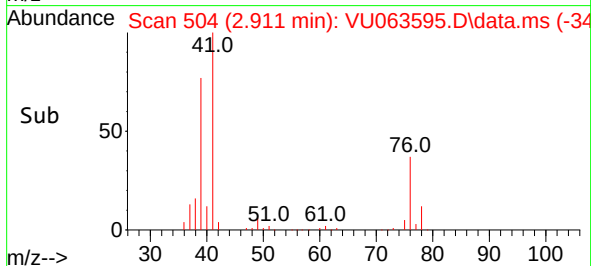
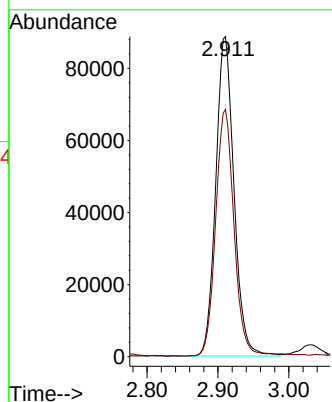
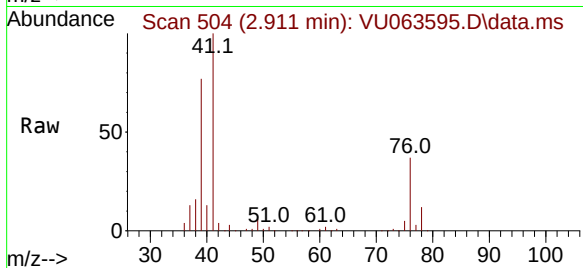
ClientSampleId :

Tgt Ion: 41 Resp: 158677

Ion Ratio Lower Upper

41 100

39 77.3 61.2 91.8



#12

Acrylonitrile

Concen: 24.036 ug/l

RT: 3.303 min Scan# 626

Delta R.T. -0.000 min

Lab File: VU063595.D

Acq: 16 Sep 2025 15:44

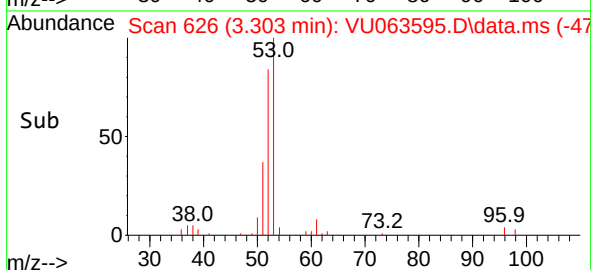
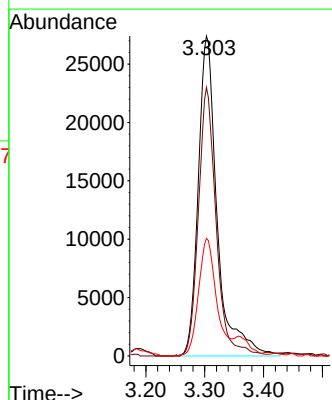
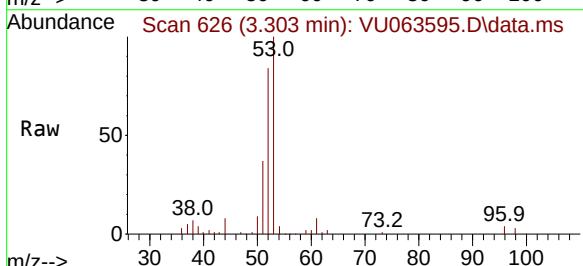
Tgt Ion: 53 Resp: 61247

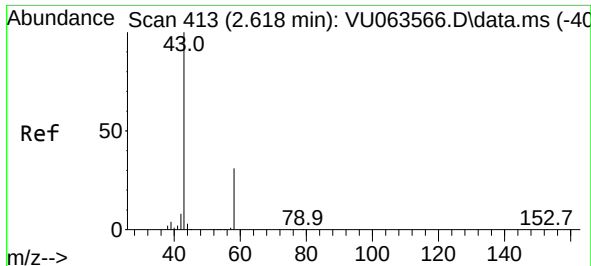
Ion Ratio Lower Upper

53 100

52 78.5 65.0 97.4

51 34.7 31.2 46.8

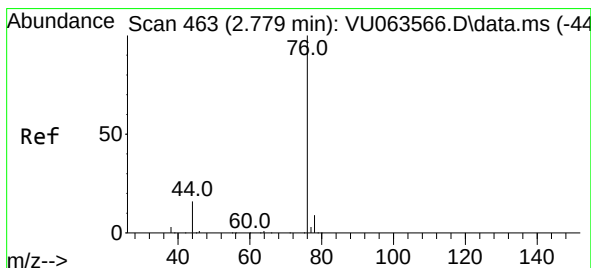
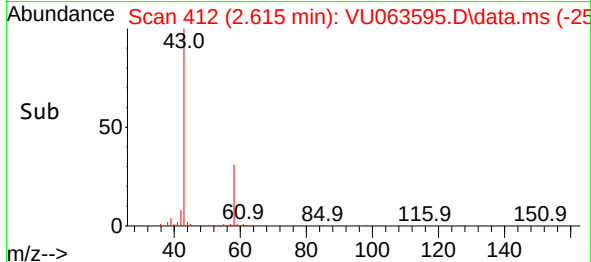
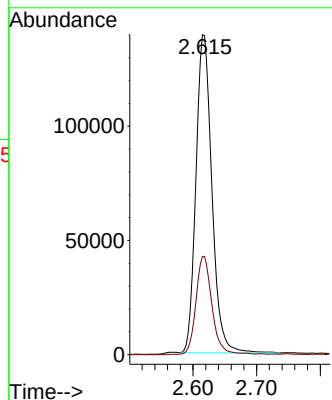
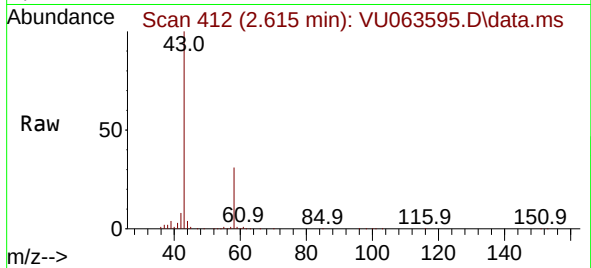




#13
Acetone
Concen: 67.301 ug/l
RT: 2.615 min Scan# 413
Delta R.T. -0.003 min
Lab File: VU063595.D
Acq: 16 Sep 2025 15:44

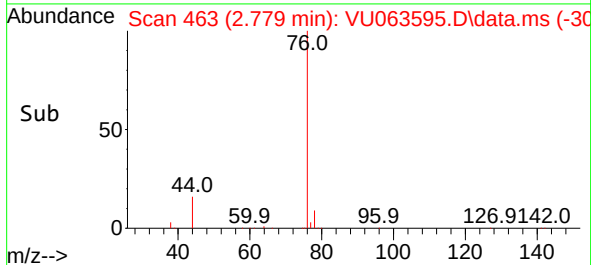
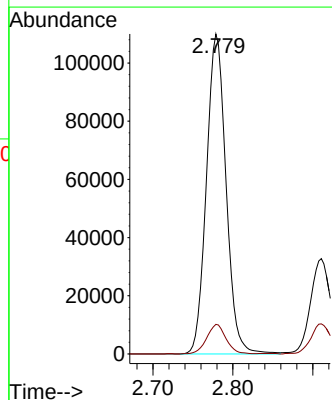
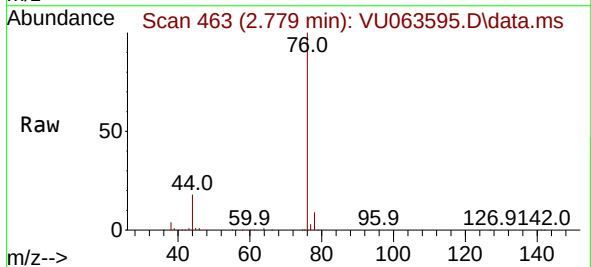
Instrument :
MSVOA_U
ClientSampleId :

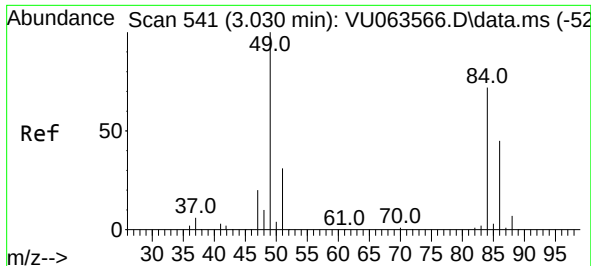
Tgt Ion: 43 Resp: 242781
Ion Ratio Lower Upper
43 100
58 30.7 24.7 37.1



#14
Carbon Disulfide
Concen: 10.682 ug/l
RT: 2.779 min Scan# 463
Delta R.T. -0.000 min
Lab File: VU063595.D
Acq: 16 Sep 2025 15:44

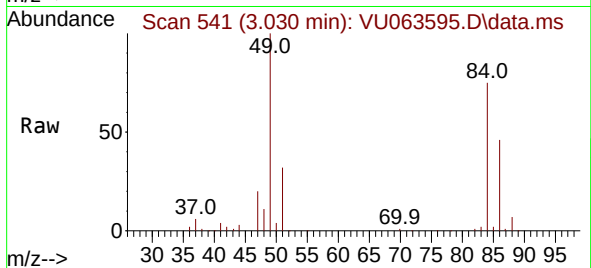
Tgt Ion: 76 Resp: 187874
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



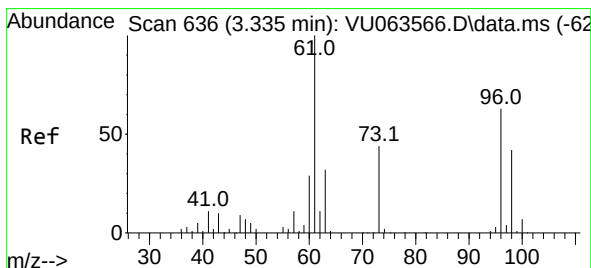
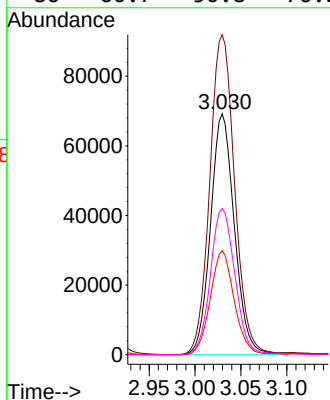
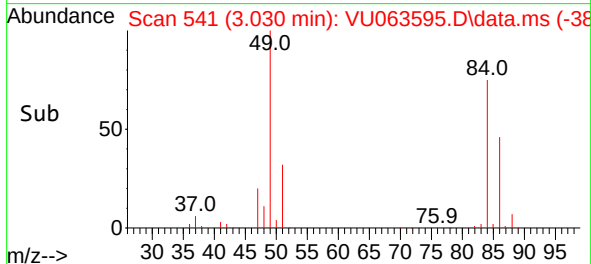


#15
Methylene Chloride
Concen: 11.257 ug/l
RT: 3.030 min Scan# 541
Delta R.T. -0.000 min
Lab File: VU063595.D
Acq: 16 Sep 2025 15:44

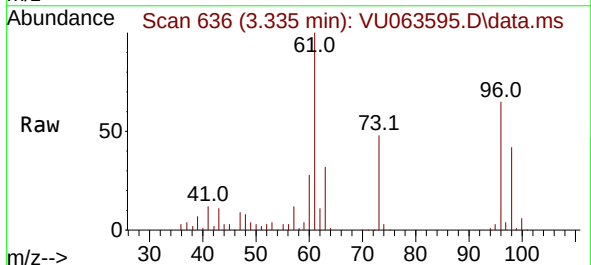
Instrument :
MSVOA_U
ClientSampleId :



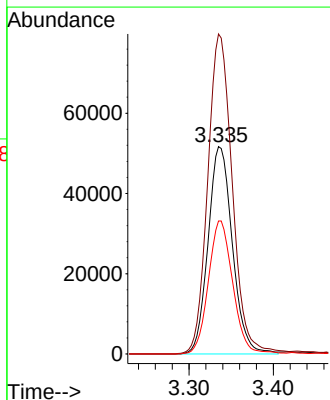
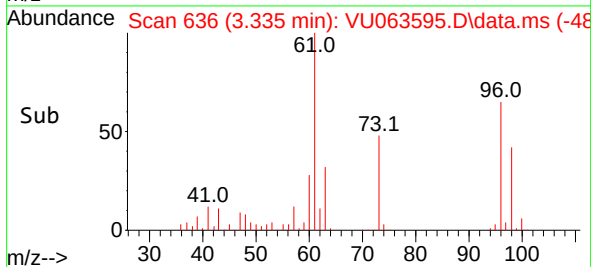
Tgt Ion: 84 Resp: 125216
Ion Ratio Lower Upper
84 100
49 132.8 111.8 167.6
51 43.1 0.0 86.0
86 60.7 50.8 76.2

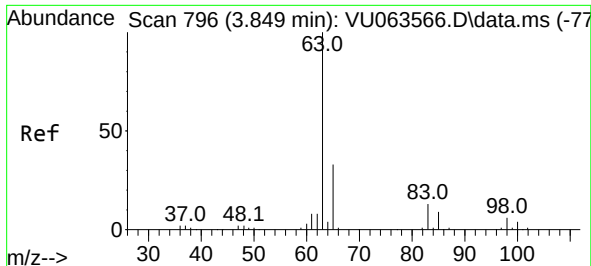


#16
trans-1,2-Dichloroethene
Concen: 11.567 ug/l
RT: 3.335 min Scan# 636
Delta R.T. -0.000 min
Lab File: VU063595.D
Acq: 16 Sep 2025 15:44



Tgt Ion: 96 Resp: 103757
Ion Ratio Lower Upper
96 100
61 154.1 127.8 191.6
98 64.1 53.8 80.8





#17

1,1-Dichloroethane

Concen: 11.426 ug/l

RT: 3.849 min Scan# 796

Delta R.T. -0.000 min

Lab File: VU063595.D

Acq: 16 Sep 2025 15:44

Instrument :

MSVOA_U

ClientSampleId :

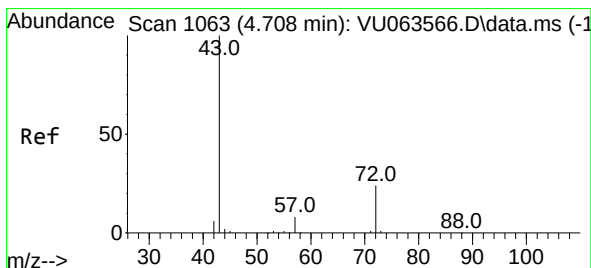
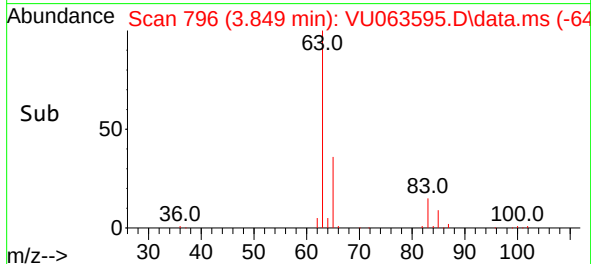
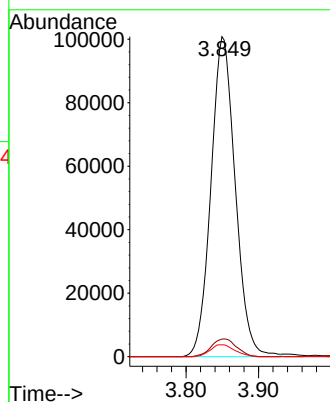
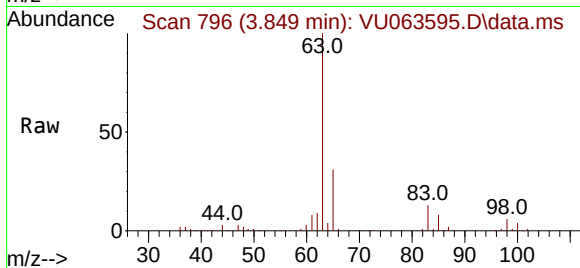
Tgt Ion: 63 Resp: 234763

Ion Ratio Lower Upper

63 100

98 5.5 2.9 8.8

100 3.7 2.0 5.8



#18

2-Butanone

Concen: 65.892 ug/l

RT: 4.705 min Scan# 1062

Delta R.T. -0.003 min

Lab File: VU063595.D

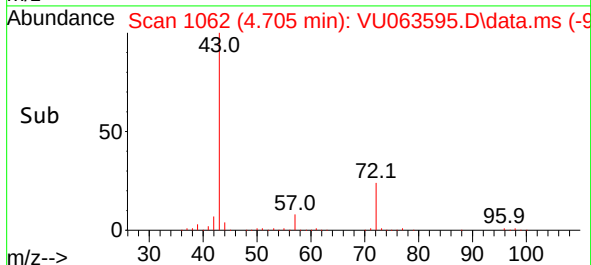
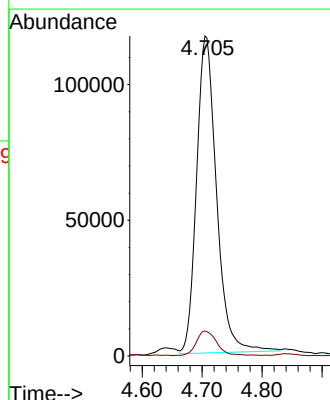
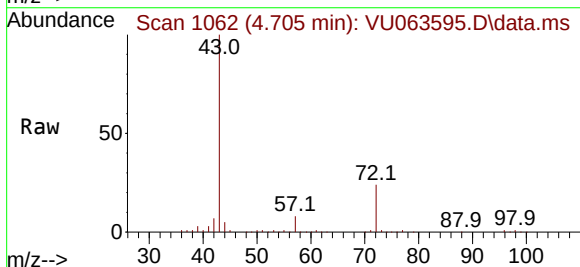
Acq: 16 Sep 2025 15:44

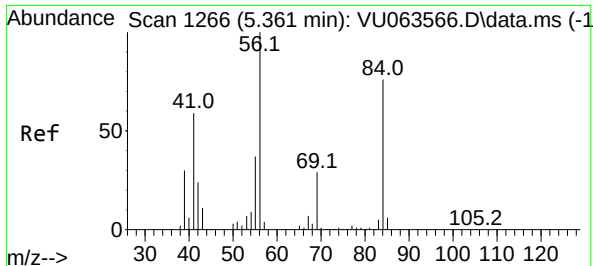
Tgt Ion: 43 Resp: 270715

Ion Ratio Lower Upper

43 100

57 7.7 0.0 15.8





#19

Cyclohexane

Concen: 10.987 ug/l

RT: 5.364 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU063595.D

Acq: 16 Sep 2025 15:44

Instrument :

MSVOA_U

ClientSampleId :

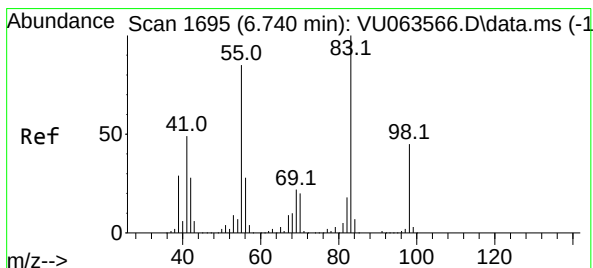
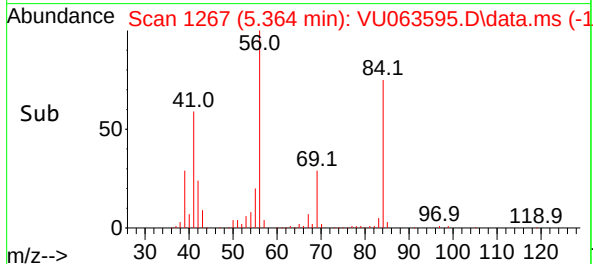
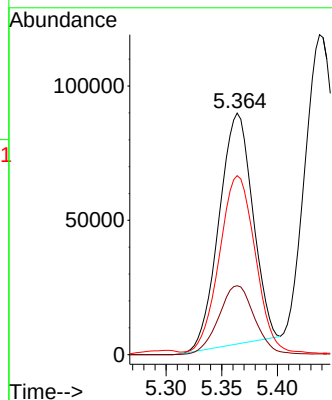
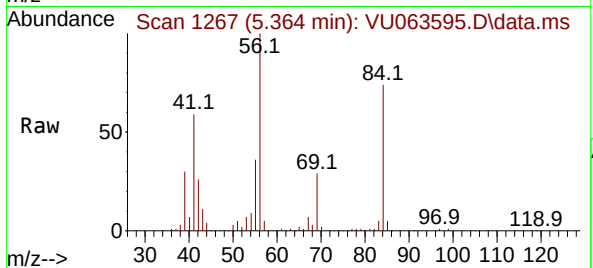
Tgt Ion: 56 Resp: 180801

Ion Ratio Lower Upper

56 100

69 31.6 22.7 34.1

84 81.3 59.4 89.0



#20

Methylcyclohexane

Concen: 12.028 ug/l

RT: 6.743 min Scan# 1696

Delta R.T. 0.003 min

Lab File: VU063595.D

Acq: 16 Sep 2025 15:44

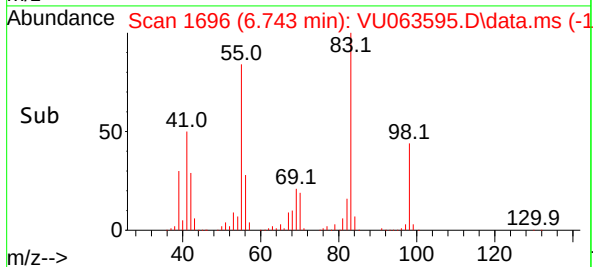
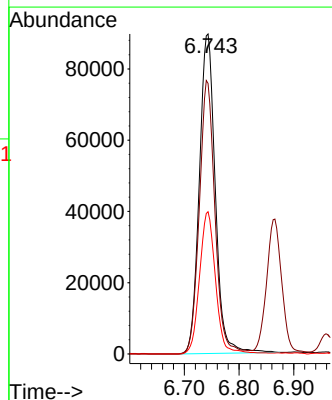
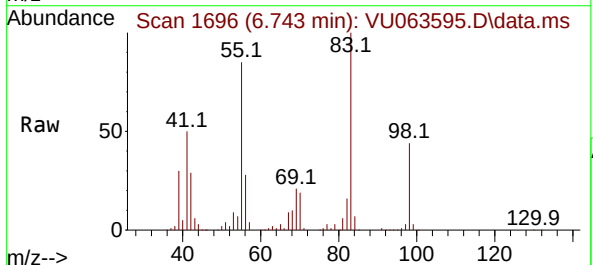
Tgt Ion: 83 Resp: 181462

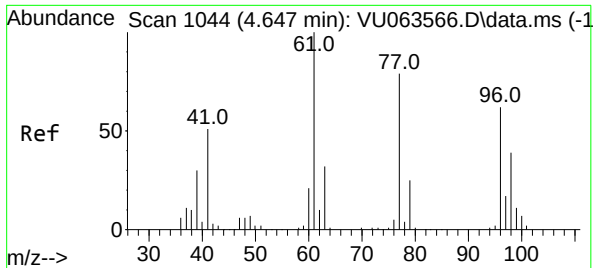
Ion Ratio Lower Upper

83 100

55 82.2 66.7 100.1

98 44.0 35.9 53.9

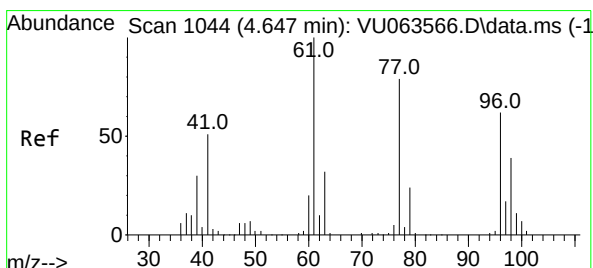
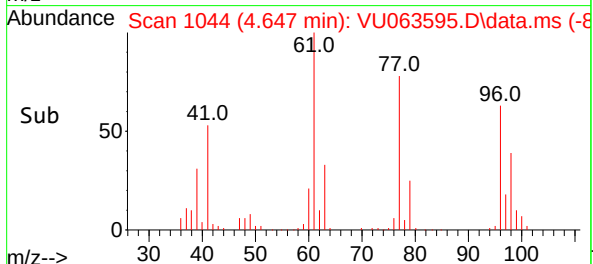
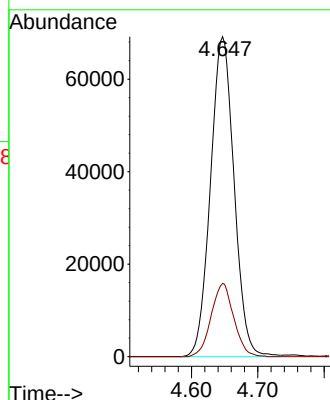
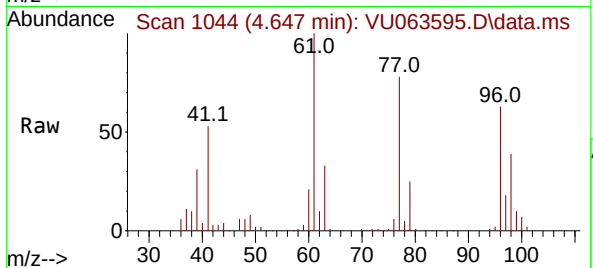




#21
2,2-Dichloropropane
Concen: 11.255 ug/l
RT: 4.647 min Scan# 1044
Delta R.T. -0.000 min
Lab File: VU063595.D
Acq: 16 Sep 2025 15:44

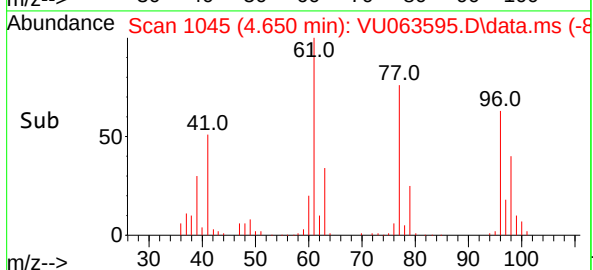
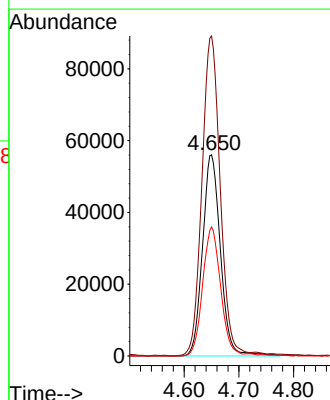
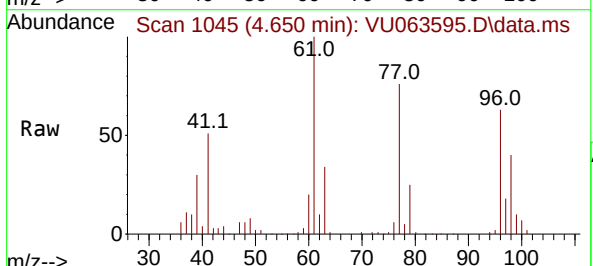
Instrument :
MSVOA_U
ClientSampleId :

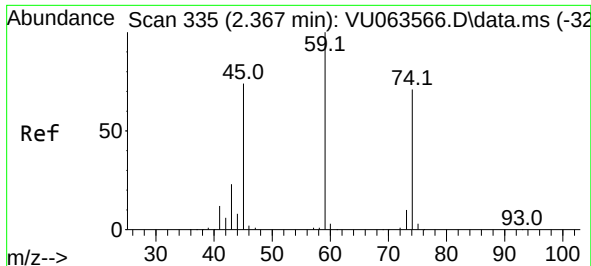
Tgt Ion: 77 Resp: 171057
Ion Ratio Lower Upper
77 100
97 22.0 17.5 26.3



#22
cis-1,2-Dichloroethene
Concen: 11.576 ug/l
RT: 4.650 min Scan# 1045
Delta R.T. 0.003 min
Lab File: VU063595.D
Acq: 16 Sep 2025 15:44

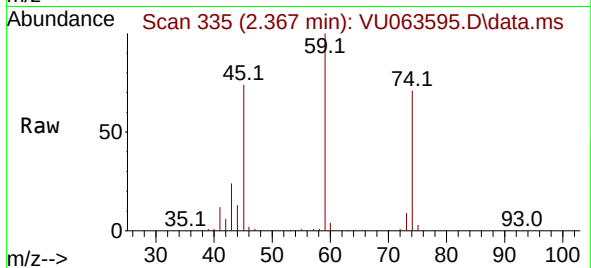
Tgt Ion: 96 Resp: 127477
Ion Ratio Lower Upper
96 100
61 161.7 0.0 411.0
98 63.9 31.9 95.9



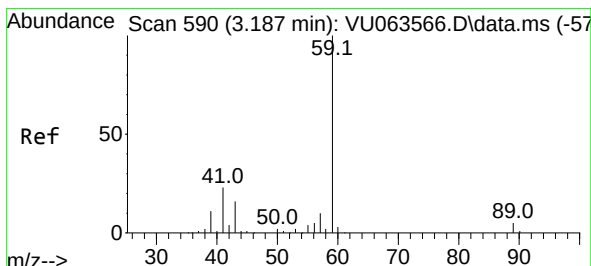
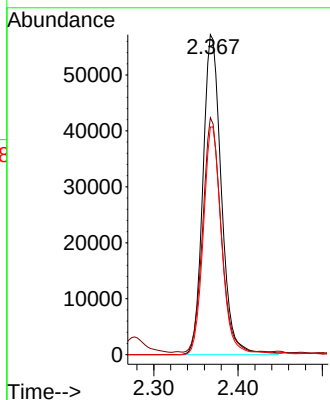
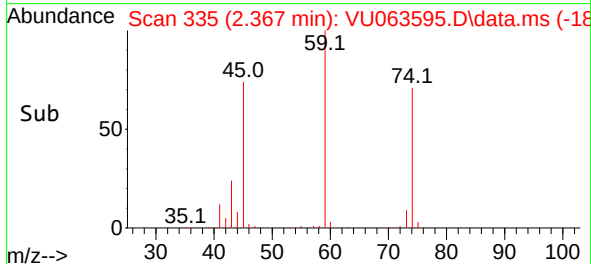


#23
Diethyl Ether
Concen: 11.690 ug/l
RT: 2.367 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU063595.D
Acq: 16 Sep 2025 15:44

Instrument :
MSVOA_U
ClientSampleId :

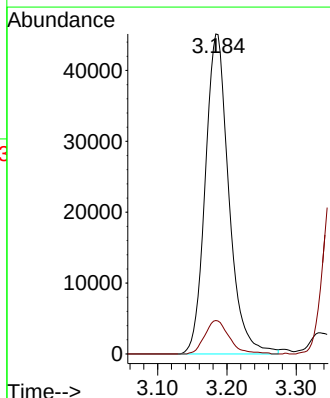
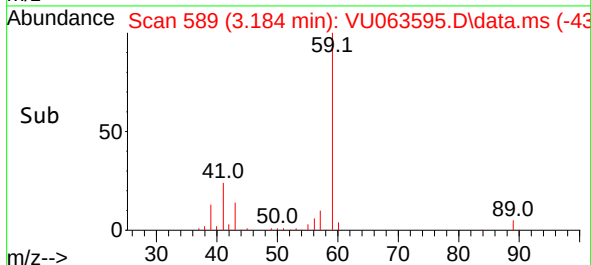
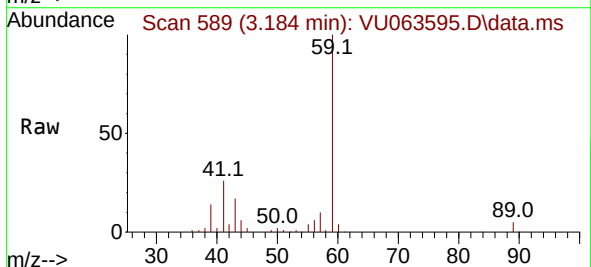


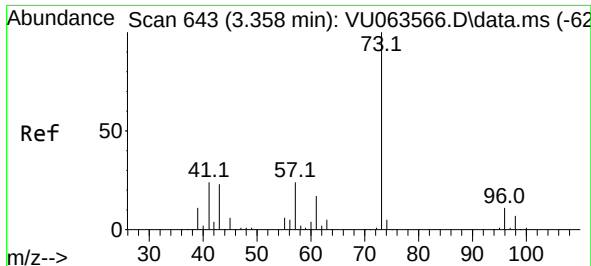
Tgt Ion: 59 Resp: 87223
Ion Ratio Lower Upper
59 100
45 72.7 59.0 88.6
74 70.5 57.8 86.6



#24
tert-Butyl Alcohol
Concen: 107.791 ug/l
RT: 3.184 min Scan# 589
Delta R.T. -0.003 min
Lab File: VU063595.D
Acq: 16 Sep 2025 15:44

Tgt Ion: 59 Resp: 106601
Ion Ratio Lower Upper
59 100
57 10.9 8.6 12.8

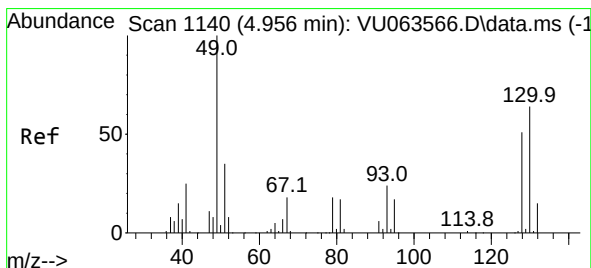
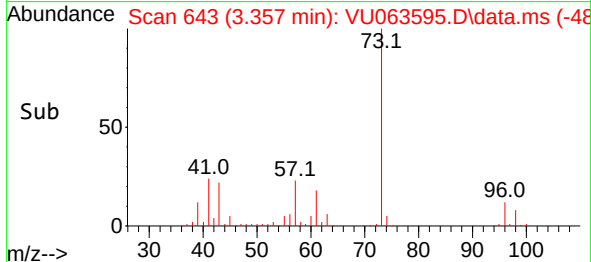
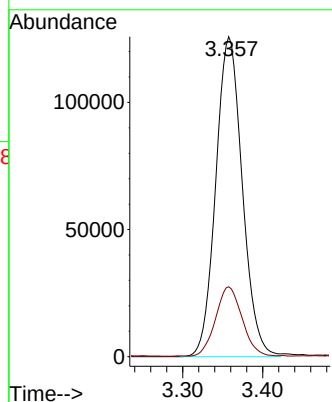
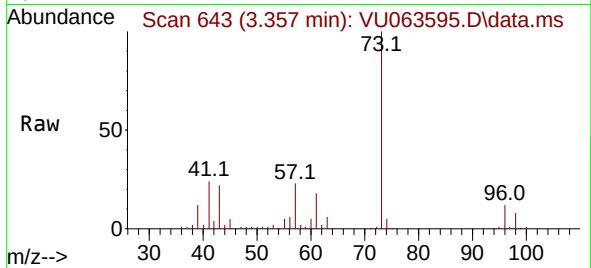




#25
Methyl tert-Butyl Ether
Concen: 11.509 ug/l
RT: 3.357 min Scan# 64
Delta R.T. -0.000 min
Lab File: VU063595.D
Acq: 16 Sep 2025 15:44

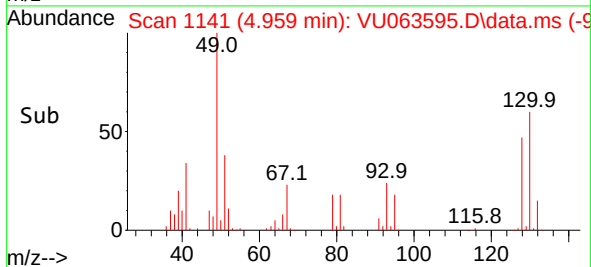
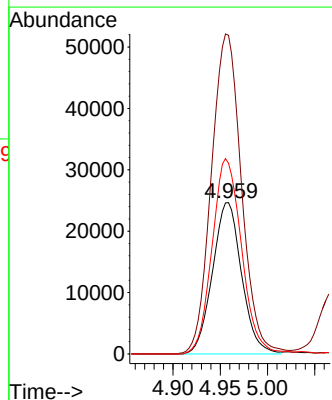
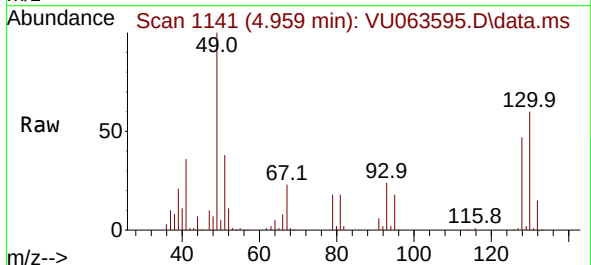
Instrument :
MSVOA_U
ClientSampleId :

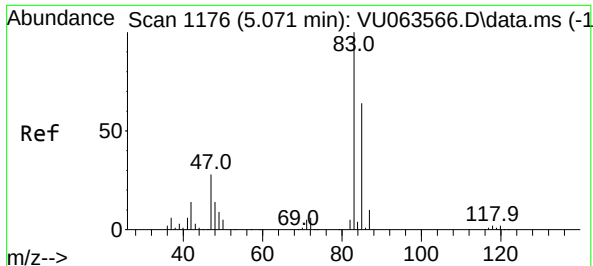
Tgt Ion: 73 Resp: 289322
Ion Ratio Lower Upper
73 100
43 21.6 18.1 27.1



#26
Bromochloromethane
Concen: 11.843 ug/l
RT: 4.959 min Scan# 1141
Delta R.T. 0.003 min
Lab File: VU063595.D
Acq: 16 Sep 2025 15:44

Tgt Ion: 128 Resp: 52710
Ion Ratio Lower Upper
128 100
49 219.2 0.0 410.2
130 131.2 103.4 155.0





#27

Chloroform

Concen: 12.135 ug/l

RT: 5.071 min Scan# 1176

Delta R.T. -0.000 min

Lab File: VU063595.D

Acq: 16 Sep 2025 15:44

Instrument :

MSVOA_U

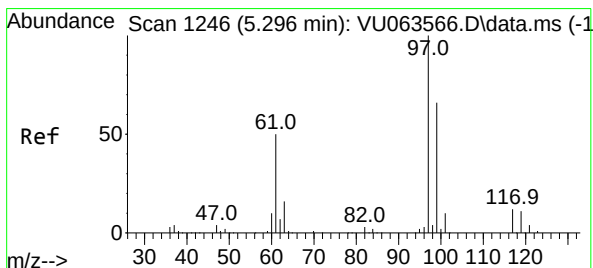
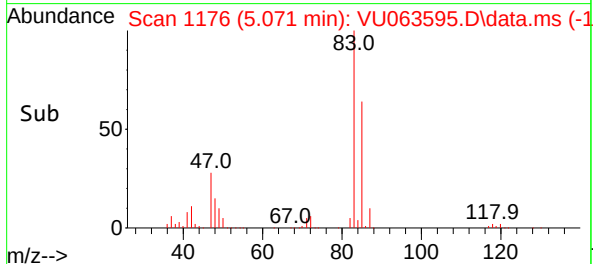
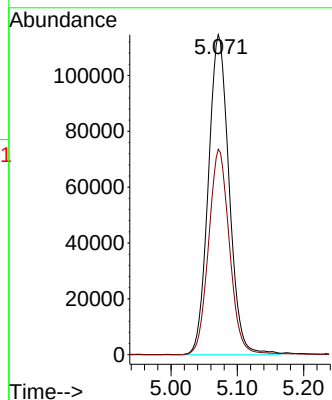
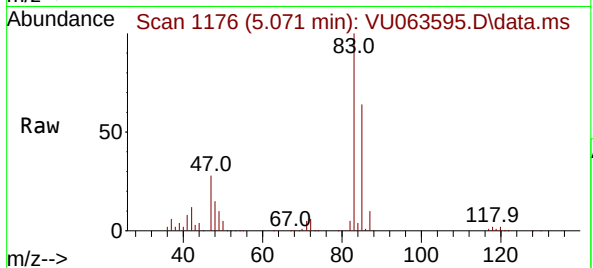
ClientSampleId :

Tgt Ion: 83 Resp: 249509

Ion Ratio Lower Upper

83 100

85 64.2 0.0 128.6



#28

1,1,1-Trichloroethane

Concen: 12.173 ug/l

RT: 5.296 min Scan# 1246

Delta R.T. -0.000 min

Lab File: VU063595.D

Acq: 16 Sep 2025 15:44

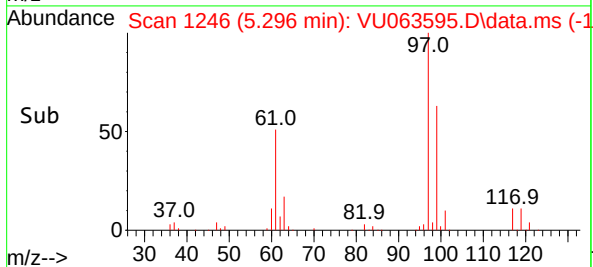
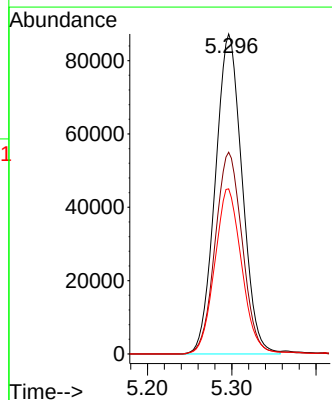
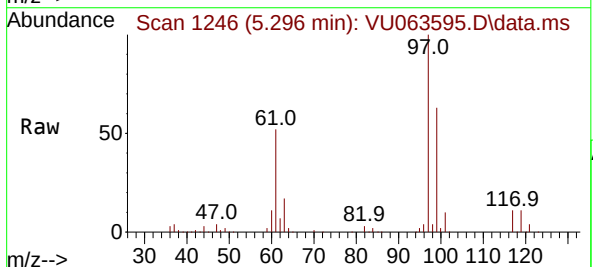
Tgt Ion: 97 Resp: 192399

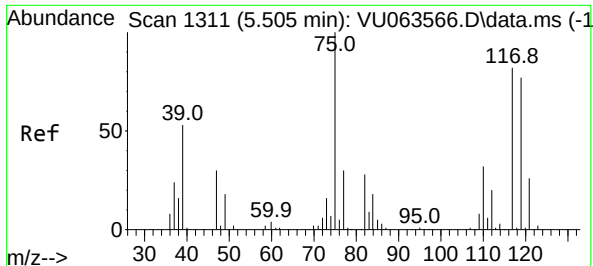
Ion Ratio Lower Upper

97 100

99 64.2 32.4 97.0

61 52.2 25.1 75.4

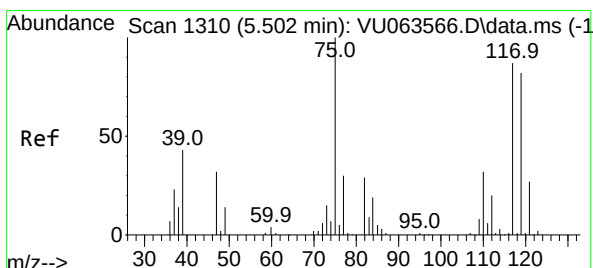
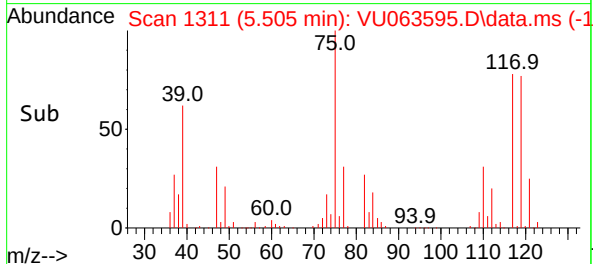
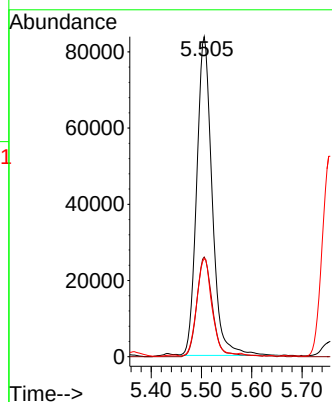
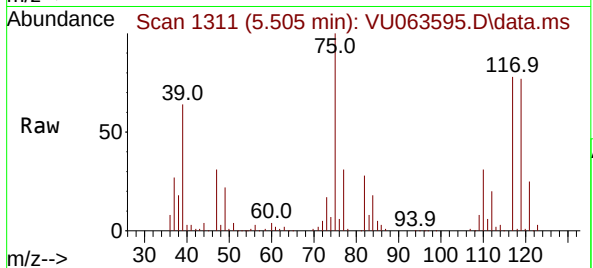




#29
1,1-Dichloropropene
Concen: 12.149 ug/l
RT: 5.505 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VU063595.D
Acq: 16 Sep 2025 15:44

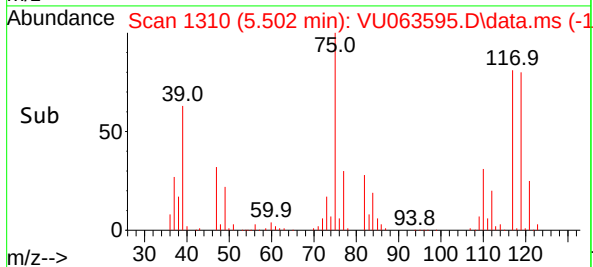
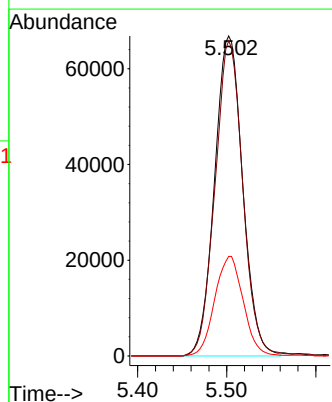
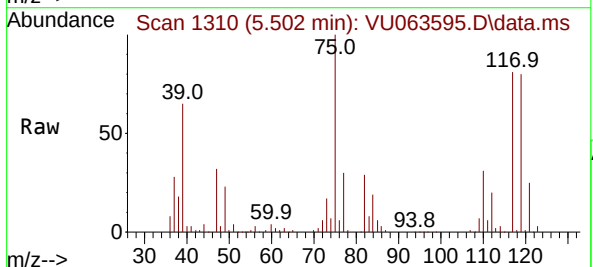
Instrument :
MSVOA_U
ClientSampleId :

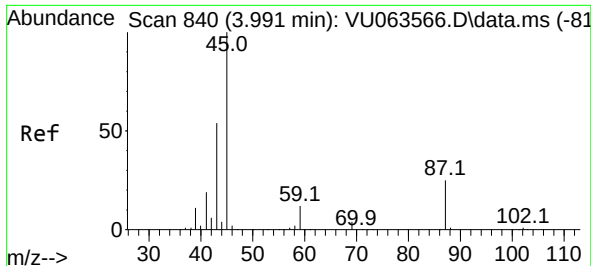
Tgt Ion: 75 Resp: 178400
Ion Ratio Lower Upper
75 100
110 31.9 16.4 49.4
77 29.9 24.6 37.0



#30
Carbon Tetrachloride
Concen: 12.580 ug/l
RT: 5.502 min Scan# 1310
Delta R.T. -0.000 min
Lab File: VU063595.D
Acq: 16 Sep 2025 15:44

Tgt Ion: 117 Resp: 146394
Ion Ratio Lower Upper
117 100
119 98.5 75.7 113.5
121 31.1 25.4 38.0

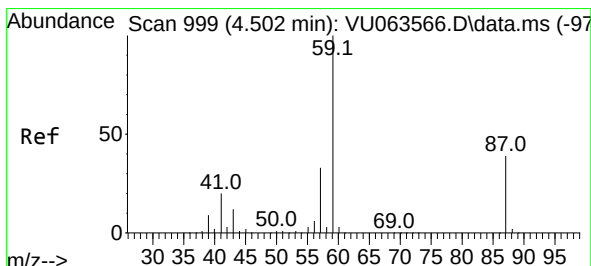
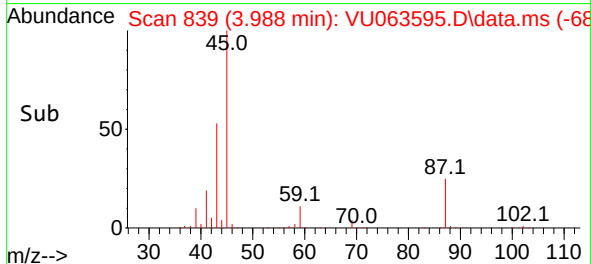
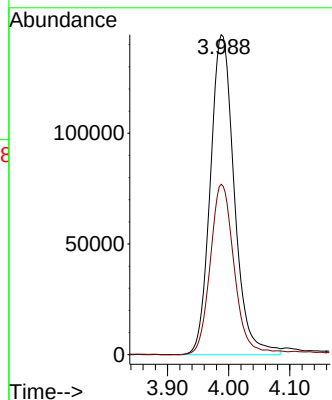
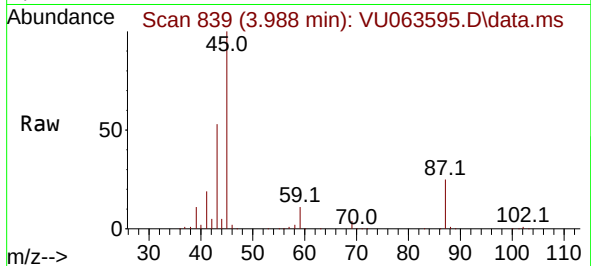




#31
Isopropyl Ether
Concen: 11.450 ug/l
RT: 3.988 min Scan# 81
Delta R.T. -0.003 min
Lab File: VU063595.D
Acq: 16 Sep 2025 15:44

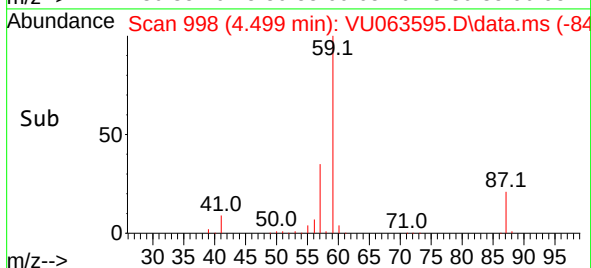
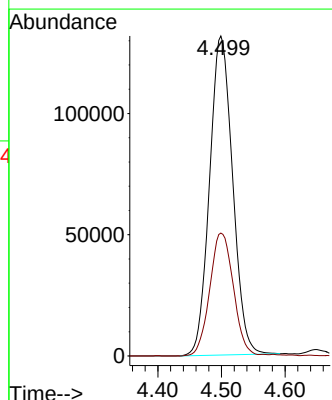
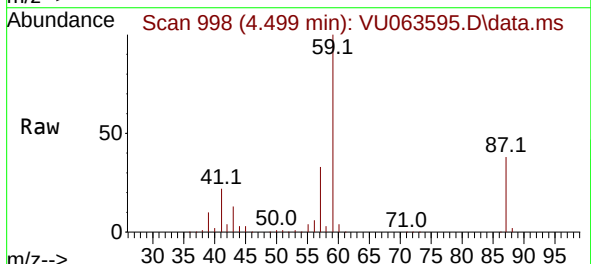
Instrument :
MSVOA_U
ClientSampleId :

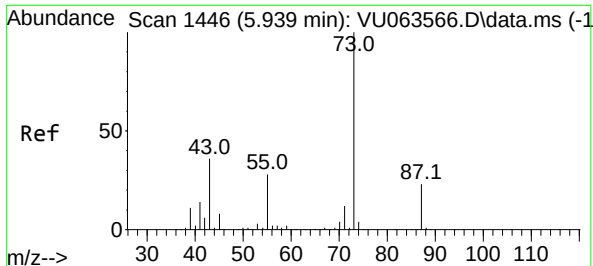
Tgt Ion: 45 Resp: 394306
Ion Ratio Lower Upper
45 100
43 53.1 26.2 78.6



#32
Ethyl-t-butyl ether
Concen: 11.274 ug/l
RT: 4.499 min Scan# 998
Delta R.T. -0.003 min
Lab File: VU063595.D
Acq: 16 Sep 2025 15:44

Tgt Ion: 59 Resp: 331689
Ion Ratio Lower Upper
59 100
87 38.8 31.2 46.8





#33

Tert-Amyl methyl ether

Concen: 11.170 ug/l

RT: 5.939 min Scan# 1446

Delta R.T. -0.000 min

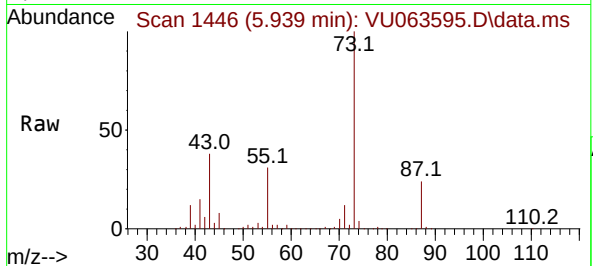
Lab File: VU063595.D

Acq: 16 Sep 2025 15:44

Instrument :

MSVOA_U

ClientSampleId :



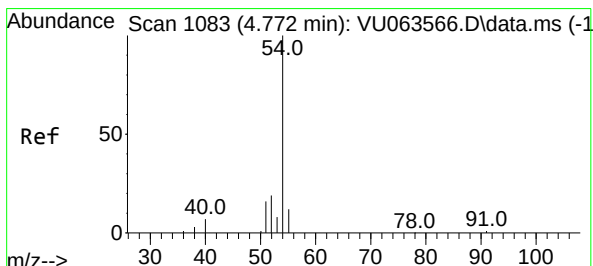
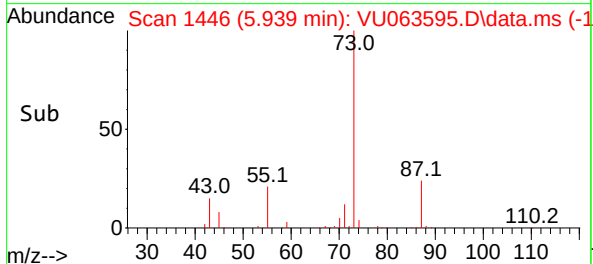
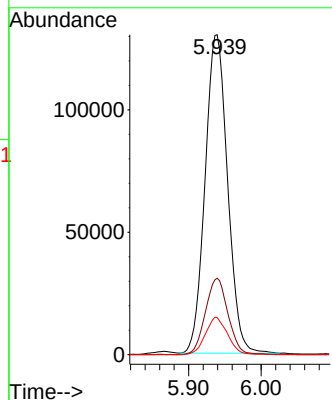
Tgt Ion: 73 Resp: 279954

Ion Ratio Lower Upper

73 100

87 23.9 19.0 28.6

71 11.3 9.4 14.2



#34

Propionitrile

Concen: 57.137 ug/l

RT: 4.769 min Scan# 1082

Delta R.T. -0.003 min

Lab File: VU063595.D

Acq: 16 Sep 2025 15:44

Tgt Ion: 54 Resp: 54908

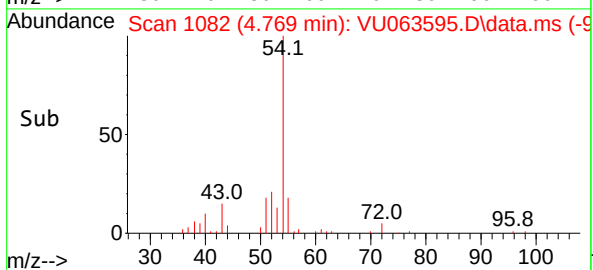
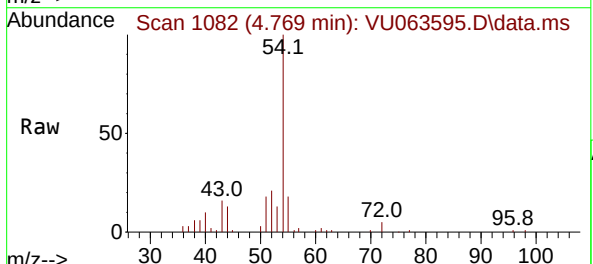
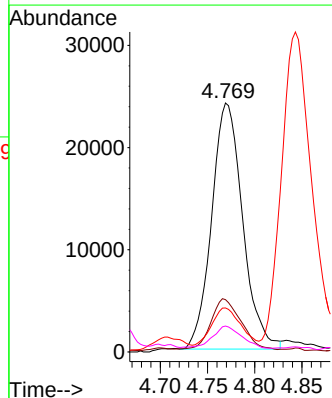
Ion Ratio Lower Upper

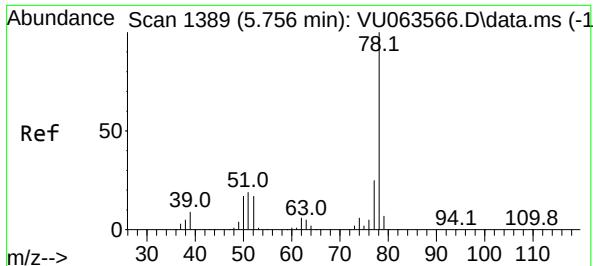
54 100

52 20.2 15.2 22.8

55 14.6 11.7 17.5

40 8.2 6.1 9.1

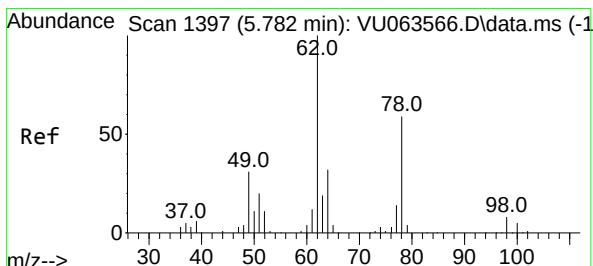
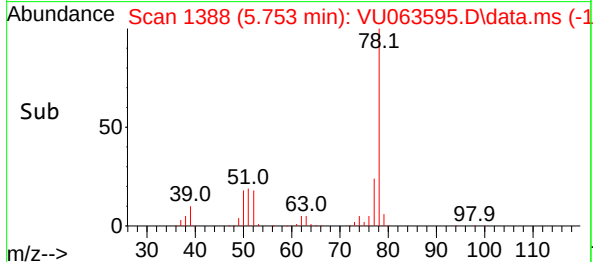
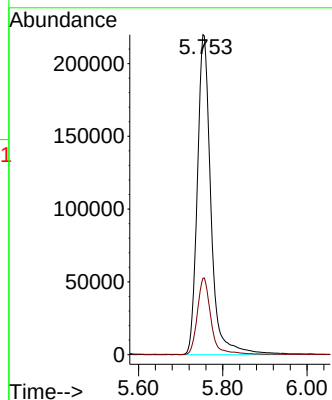
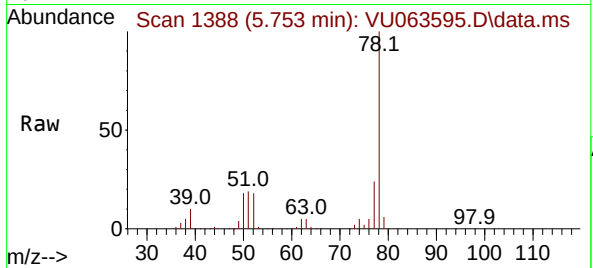




#35
Benzene
Concen: 11.638 ug/l
RT: 5.753 min Scan# 1388
Delta R.T. -0.003 min
Lab File: VU063595.D
Acq: 16 Sep 2025 15:44

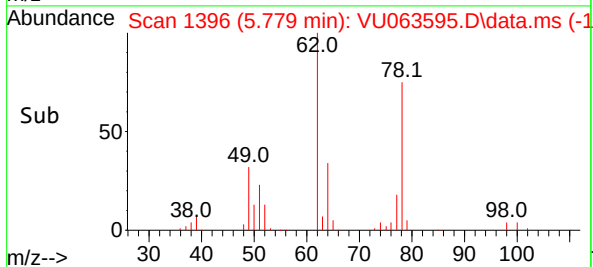
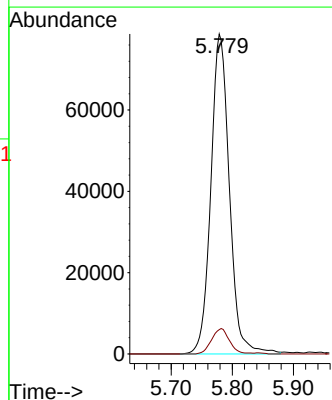
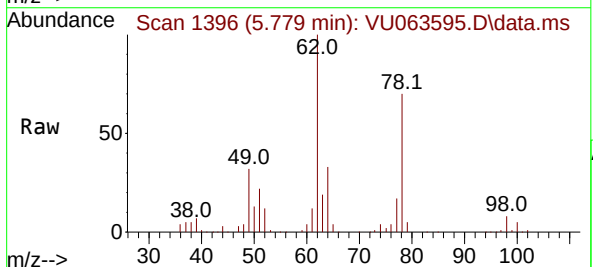
Instrument :
MSVOA_U
ClientSampleId :

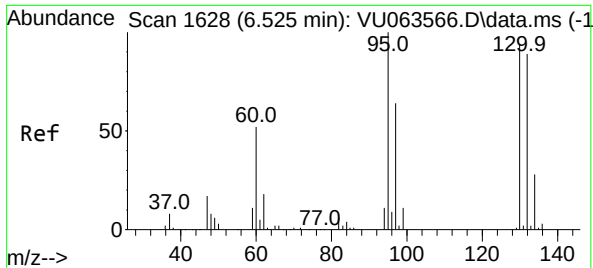
Tgt Ion: 78 Resp: 492007
Ion Ratio Lower Upper
78 100
77 23.8 19.8 29.8



#36
1,2-Dichloroethane
Concen: 11.619 ug/l
RT: 5.779 min Scan# 1396
Delta R.T. -0.003 min
Lab File: VU063595.D
Acq: 16 Sep 2025 15:44

Tgt Ion: 62 Resp: 165737
Ion Ratio Lower Upper
62 100
98 7.7 6.3 9.5

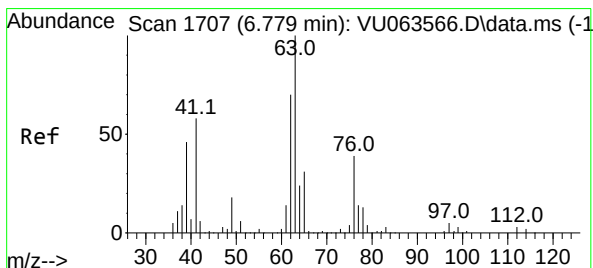
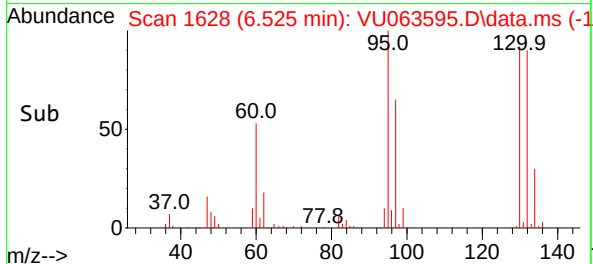
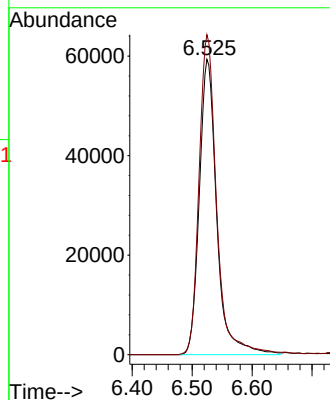
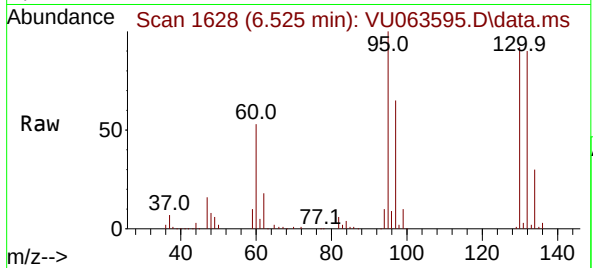




#37
Trichloroethene
Concen: 11.458 ug/l
RT: 6.525 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU063595.D
Acq: 16 Sep 2025 15:44

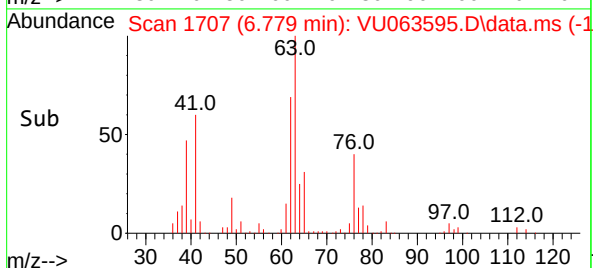
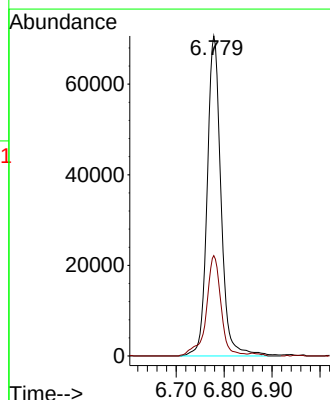
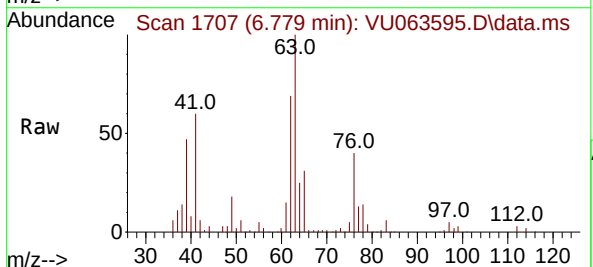
Instrument :
MSVOA_U
ClientSampleId :

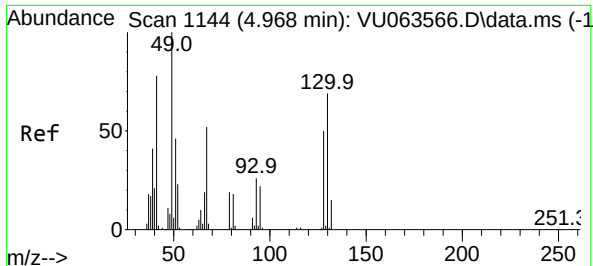
Tgt Ion:130 Resp: 120567
Ion Ratio Lower Upper
130 100
95 108.2 85.4 128.2



#38
1,2-Dichloropropane
Concen: 12.654 ug/l
RT: 6.779 min Scan# 1707
Delta R.T. -0.000 min
Lab File: VU063595.D
Acq: 16 Sep 2025 15:44

Tgt Ion: 63 Resp: 141728
Ion Ratio Lower Upper
63 100
65 31.3 24.9 37.3





#39

Methacrylonitrile

Concen: 11.727 ug/l

RT: 4.968 min Scan# 1144

Delta R.T. -0.000 min

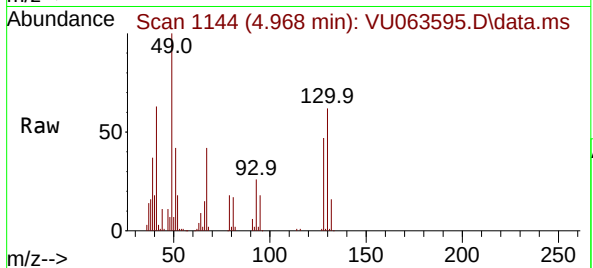
Lab File: VU063595.D

Acq: 16 Sep 2025 15:44

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 41 Resp: 53196

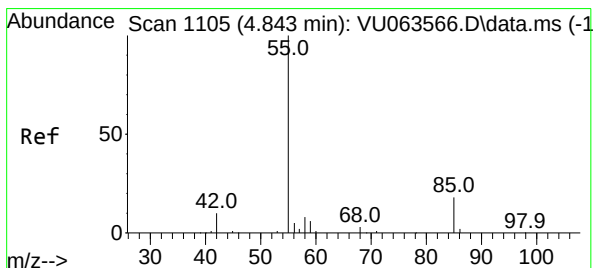
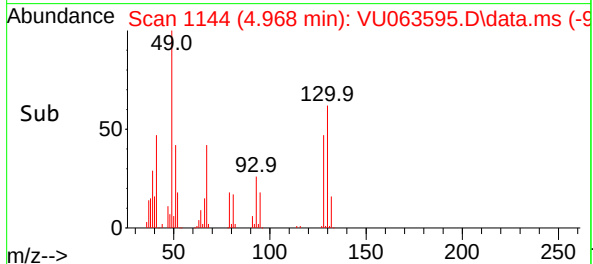
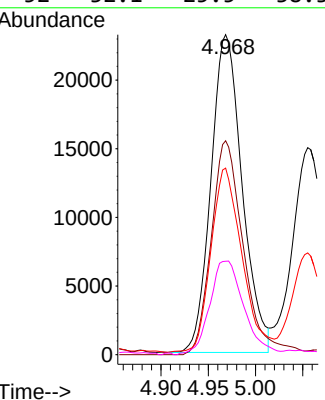
Ion Ratio Lower Upper

41 100

67 69.4 57.7 86.5

39 57.6 44.6 67.0

52 32.1 25.5 38.3



#40

Methyl acrylate

Concen: 10.812 ug/l

RT: 4.843 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VU063595.D

Acq: 16 Sep 2025 15:44

Tgt Ion: 55 Resp: 67235

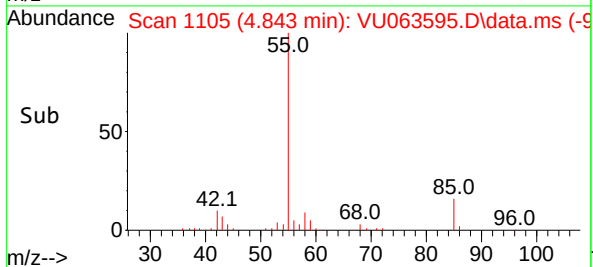
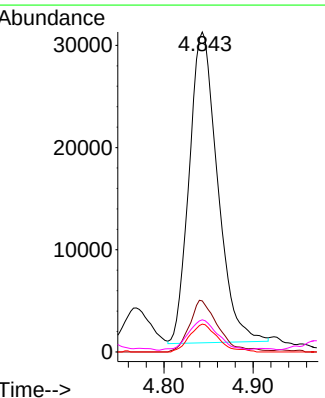
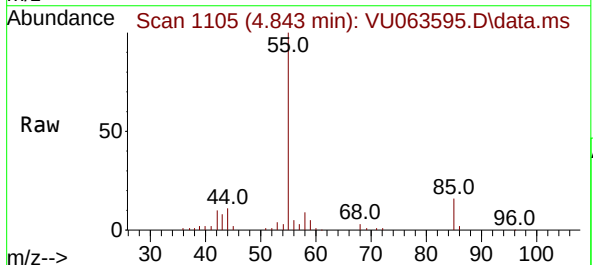
Ion Ratio Lower Upper

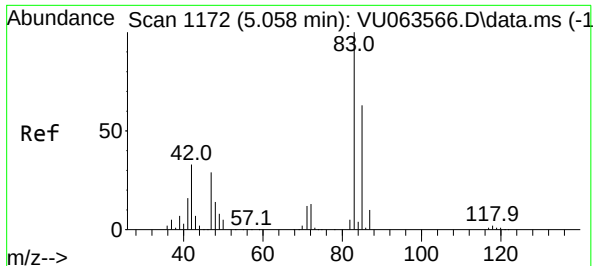
55 100

85 16.3 12.8 19.2

58 8.9 6.6 10.0

42 10.0 8.4 12.6





#41

Tetrahydrofuran

Concen: 22.760 ug/l

RT: 5.055 min Scan# 1172

Delta R.T. -0.003 min

Lab File: VU063595.D

Acq: 16 Sep 2025 15:44

Instrument :

MSVOA_U

ClientSampleId :

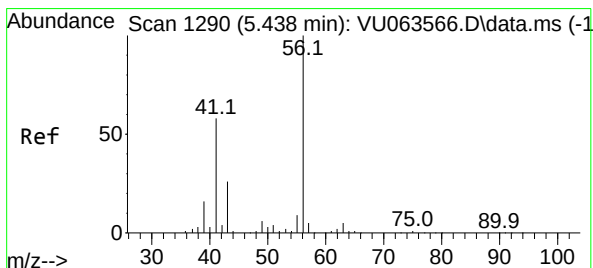
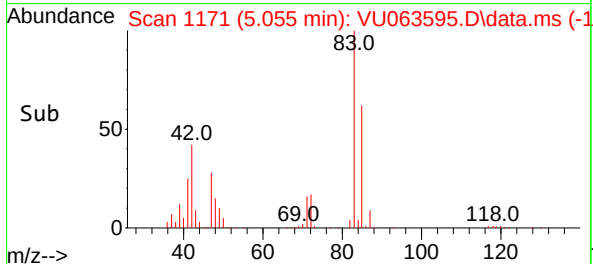
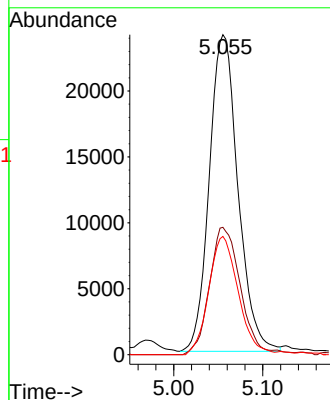
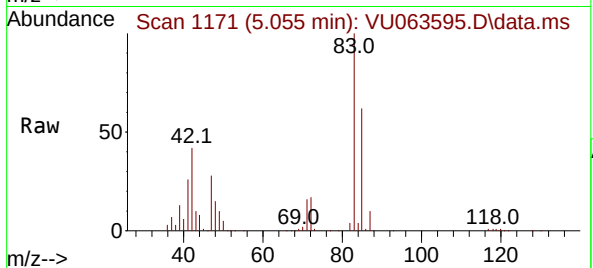
Tgt Ion: 42 Resp: 53823

Ion Ratio Lower Upper

42 100

72 43.4 34.1 51.1

71 38.1 29.9 44.9



#42

1-Chlorobutane

Concen: 12.223 ug/l

RT: 5.438 min Scan# 1290

Delta R.T. -0.000 min

Lab File: VU063595.D

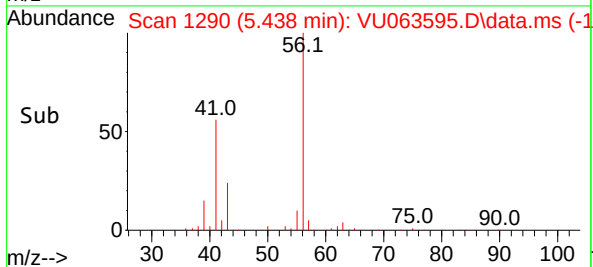
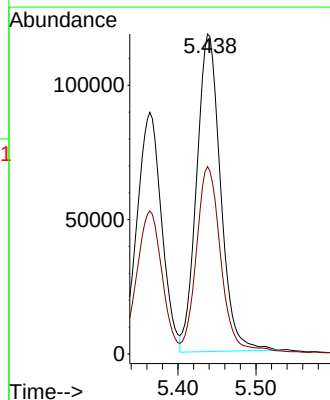
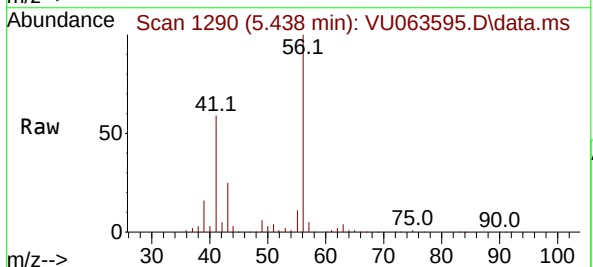
Acq: 16 Sep 2025 15:44

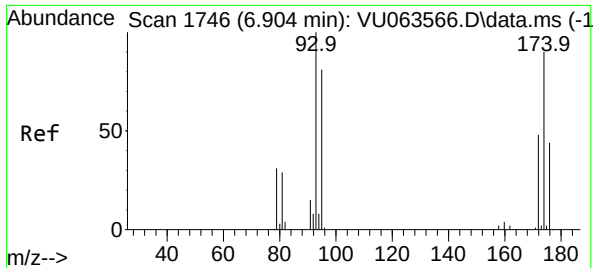
Tgt Ion: 56 Resp: 251629

Ion Ratio Lower Upper

56 100

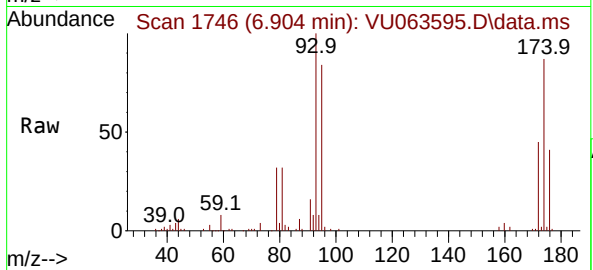
41 60.3 28.3 84.9



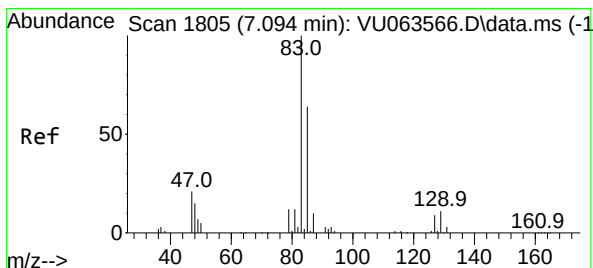
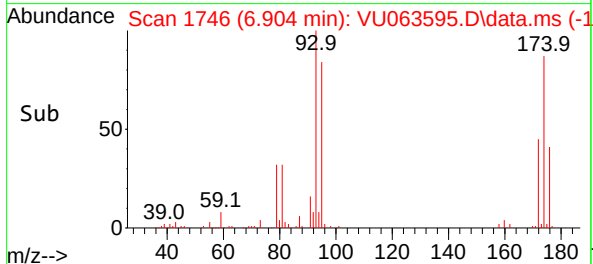
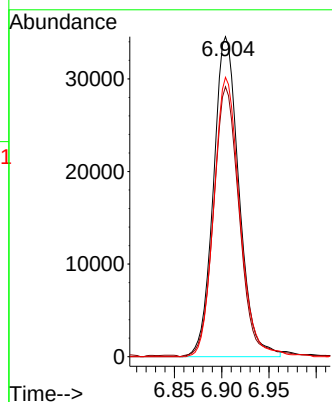


#43
Dibromomethane
Concen: 12.131 ug/l
RT: 6.904 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VU063595.D
Acq: 16 Sep 2025 15:44

Instrument :
MSVOA_U
ClientSampleId :

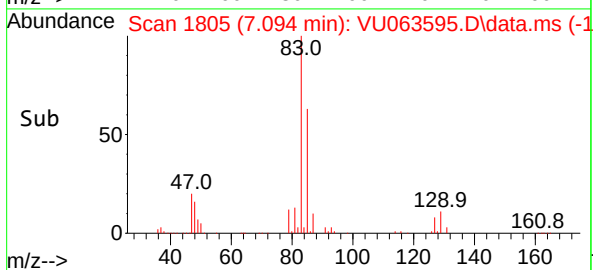
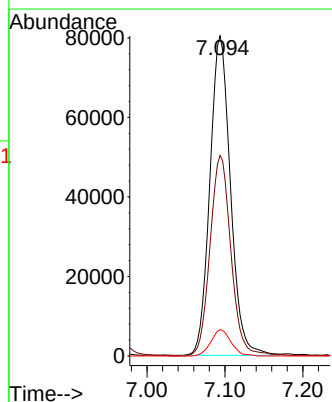
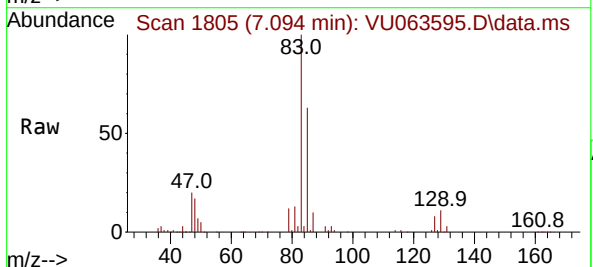


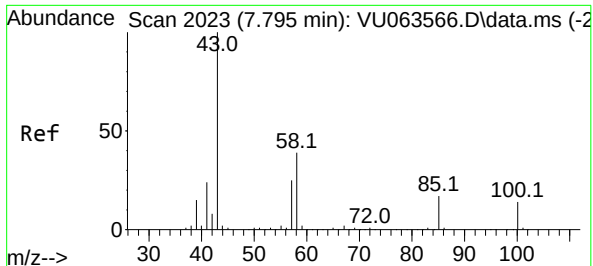
Tgt Ion: 93 Resp: 65145
Ion Ratio Lower Upper
93 100
95 85.3 66.6 100.0
174 87.9 72.7 109.1



#44
Bromodichloromethane
Concen: 12.860 ug/l
RT: 7.094 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VU063595.D
Acq: 16 Sep 2025 15:44

Tgt Ion: 83 Resp: 147543
Ion Ratio Lower Upper
83 100
85 62.8 51.2 76.8
127 8.2 6.9 10.3





#45

4-Methyl-2-Pentanone

Concen: 67.544 ug/l

RT: 7.795 min Scan# 20

Delta R.T. -0.000 min

Lab File: VU063595.D

Acq: 16 Sep 2025 15:44

Instrument :

MSVOA_U

ClientSampleId :

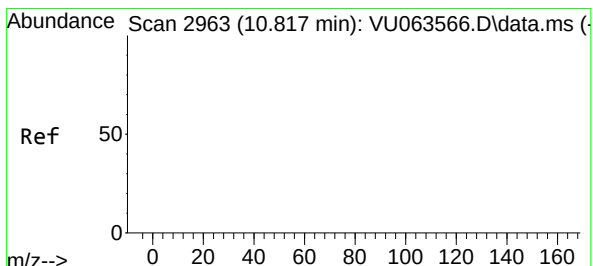
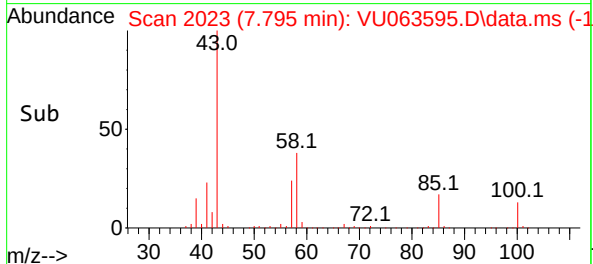
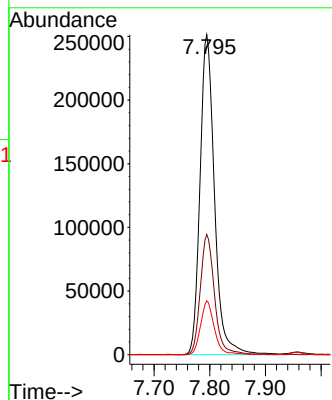
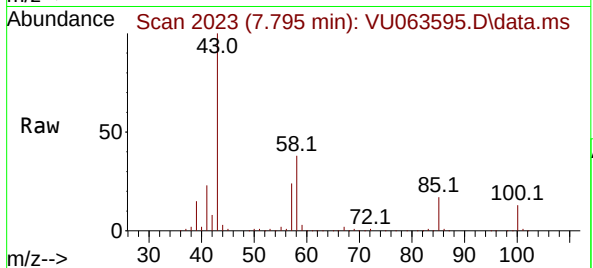
Tgt Ion: 43 Resp: 454251

Ion Ratio Lower Upper

43 100

58 36.9 18.9 56.9

85 16.0 13.3 19.9



#46

t-1,4-Dichloro-2-butene

Concen: 47.958 ug/l

RT: 10.814 min Scan# 2962

Delta R.T. -0.003 min

Lab File: VU063595.D

Acq: 16 Sep 2025 15:44

Tgt Ion: 75 Resp: 120682

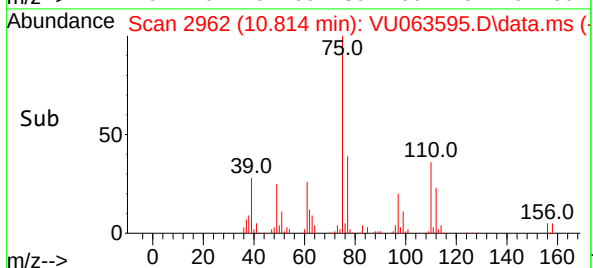
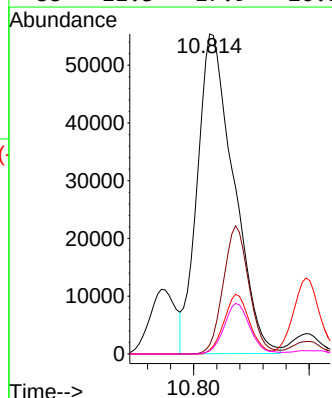
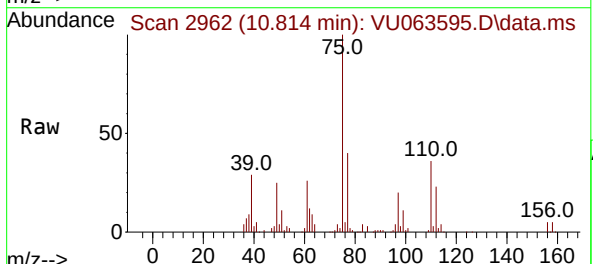
Ion Ratio Lower Upper

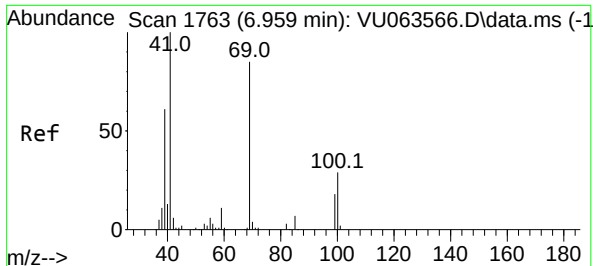
75 100

53 28.7 43.2 64.8#

89 13.2 21.9 32.9#

88 11.3 17.9 26.9#





#47

Methyl methacrylate

Concen: 25.656 ug/l

RT: 6.962 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU063595.D

Acq: 16 Sep 2025 15:44

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 69 Resp: 123252

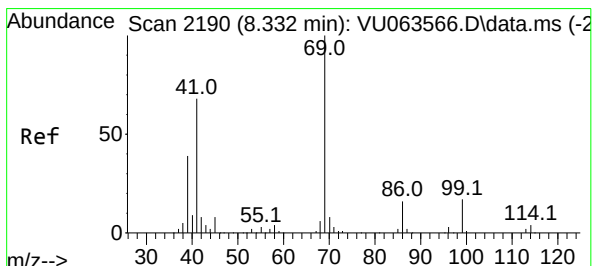
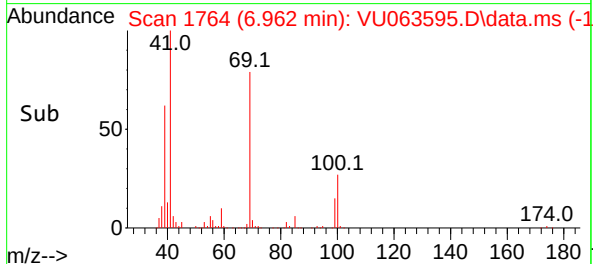
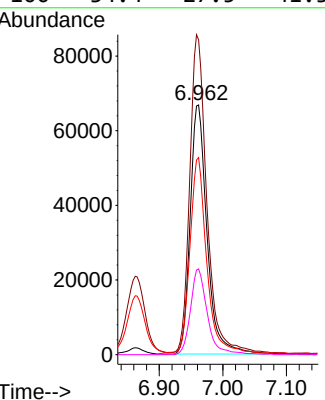
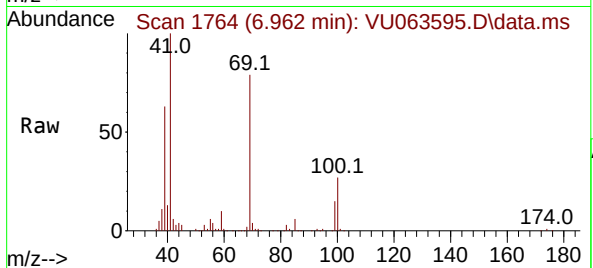
Ion Ratio Lower Upper

69 100

41 130.1 0.0 236.8

39 76.9 57.8 86.6

100 34.4 27.5 41.3



#48

Ethyl methacrylate

Concen: 12.403 ug/l

RT: 8.332 min Scan# 2190

Delta R.T. -0.000 min

Lab File: VU063595.D

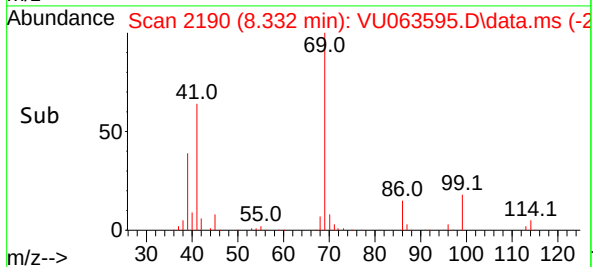
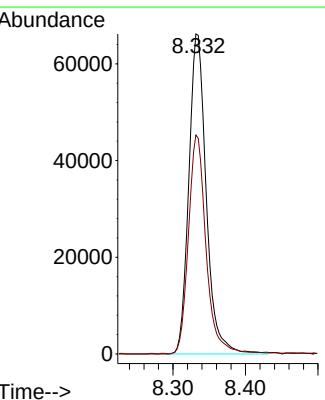
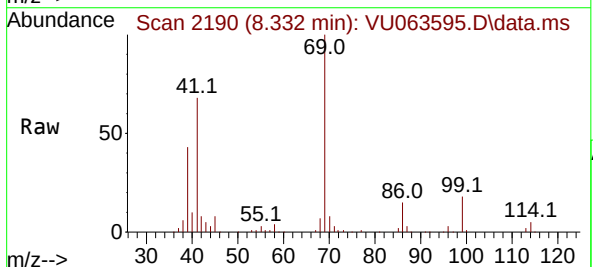
Acq: 16 Sep 2025 15:44

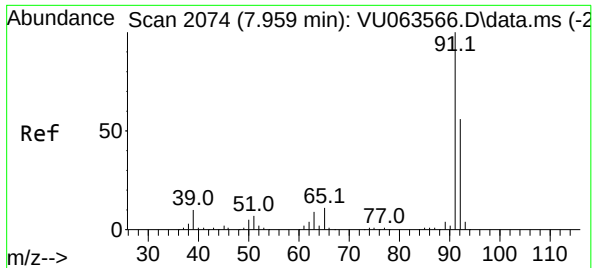
Tgt Ion: 69 Resp: 110504

Ion Ratio Lower Upper

69 100

41 69.1 33.7 101.1





#49

Toluene

Concen: 12.108 ug/l

RT: 7.955 min Scan# 2074

Delta R.T. -0.003 min

Lab File: VU063595.D

Acq: 16 Sep 2025 15:44

Instrument :

MSVOA_U

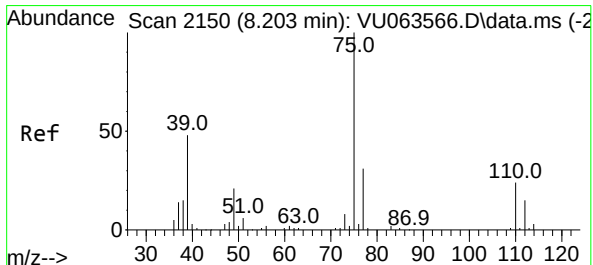
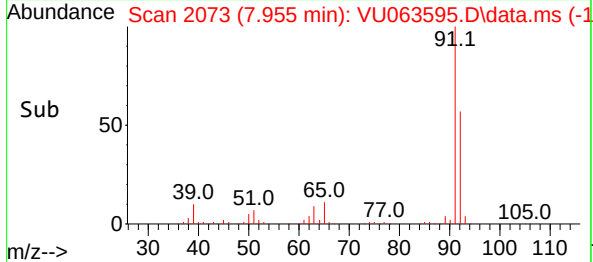
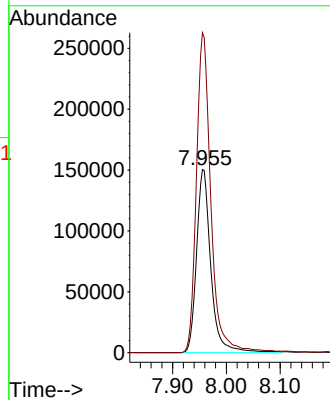
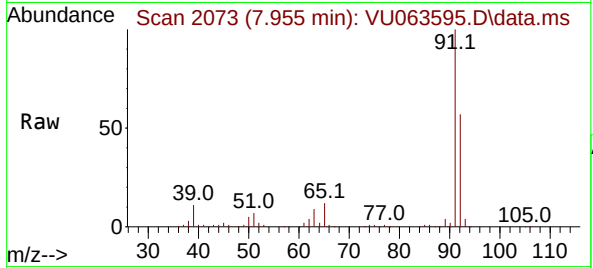
ClientSampleId :

Tgt Ion: 92 Resp: 277821

Ion Ratio Lower Upper

92 100

91 176.1 139.4 209.2



#50

t-1,3-Dichloropropene

Concen: 11.998 ug/l

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU063595.D

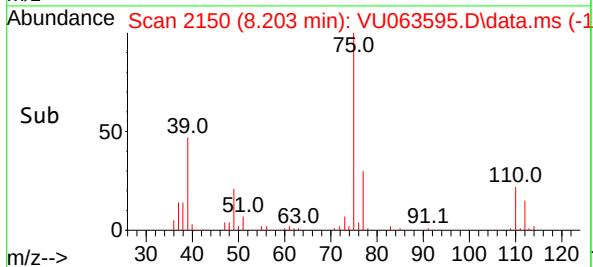
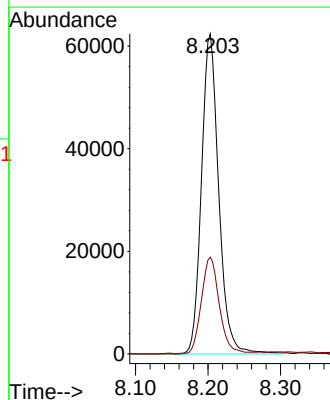
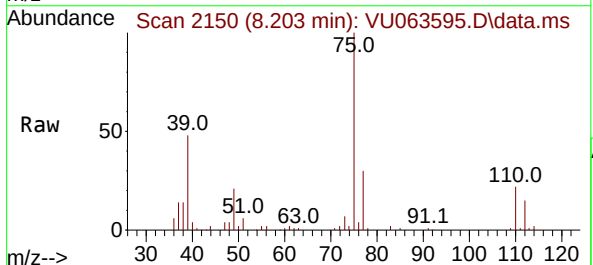
Acq: 16 Sep 2025 15:44

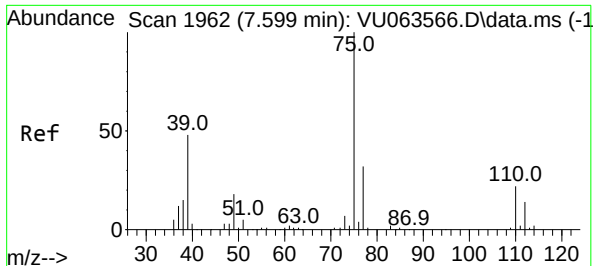
Tgt Ion: 75 Resp: 103118

Ion Ratio Lower Upper

75 100

77 30.1 24.8 37.2

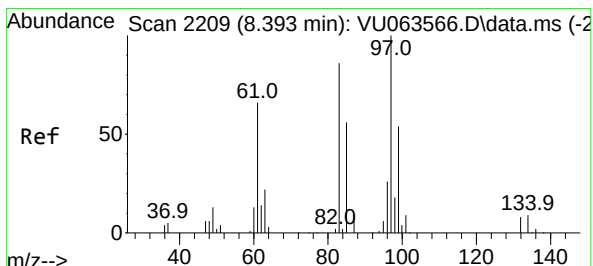
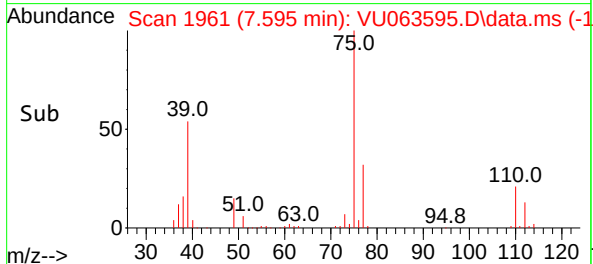
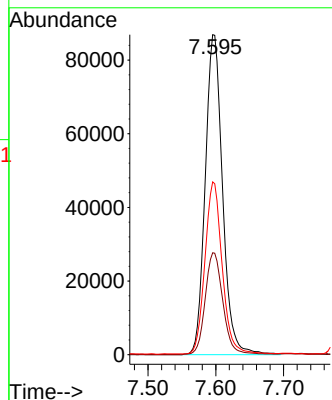
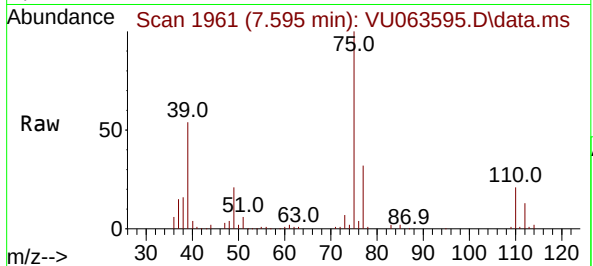




#51
 cis-1,3-Dichloropropene
 Concen: 13.520 ug/l
 RT: 7.595 min Scan# 1961
 Delta R.T. -0.003 min
 Lab File: VU063595.D
 Acq: 16 Sep 2025 15:44

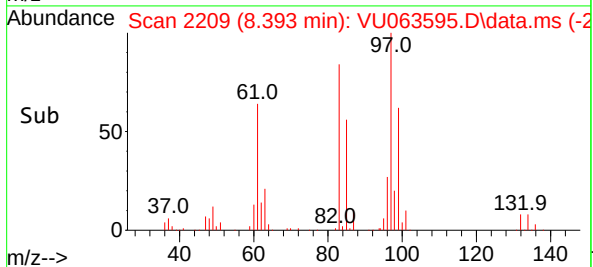
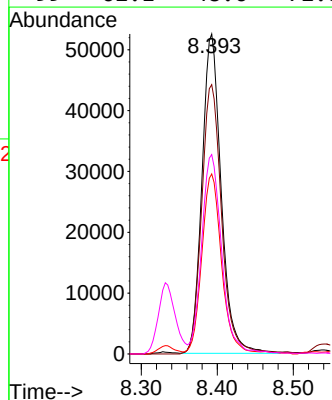
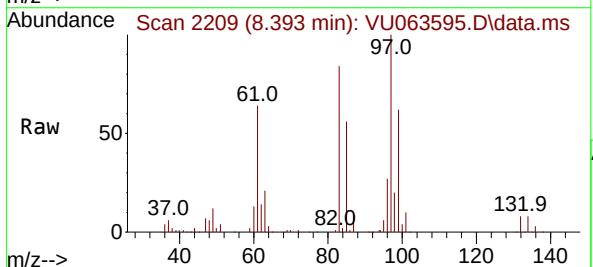
Instrument :
 MSVOA_U
 ClientSampleId :

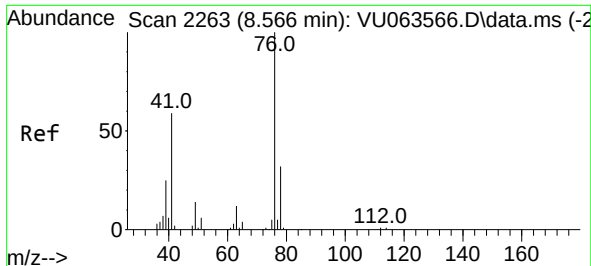
Tgt Ion: 75 Resp: 154580
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.2 37.8
 39 53.8 38.8 58.2



#52
 1,1,2-Trichloroethane
 Concen: 12.138 ug/l
 RT: 8.393 min Scan# 2209
 Delta R.T. -0.000 min
 Lab File: VU063595.D
 Acq: 16 Sep 2025 15:44

Tgt Ion: 97 Resp: 92259
 Ion Ratio Lower Upper
 97 100
 83 84.4 68.5 102.7
 85 56.1 45.0 67.6
 99 62.1 48.6 72.8





#53

1,3-Dichloropropane

Concen: 11.858 ug/l

RT: 8.566 min Scan# 2263

Delta R.T. -0.000 min

Lab File: VU063595.D

Acq: 16 Sep 2025 15:44

Instrument :

MSVOA_U

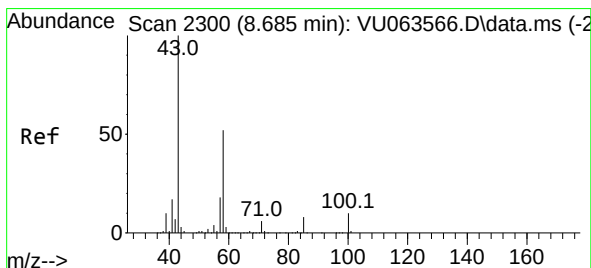
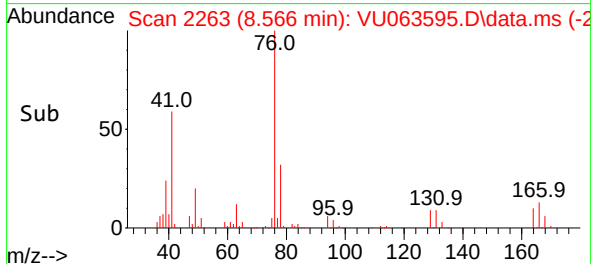
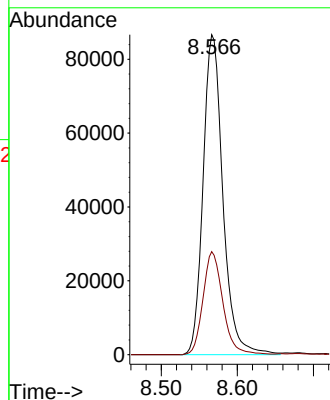
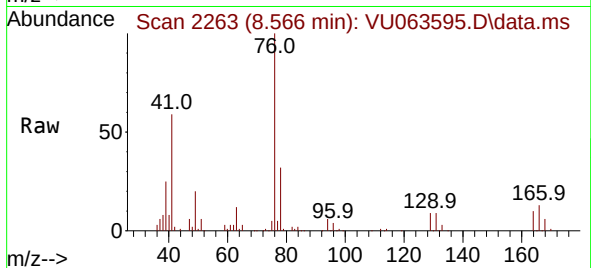
ClientSampleId :

Tgt Ion: 76 Resp: 156592

Ion Ratio Lower Upper

76 100

78 32.3 26.2 39.2



#54

2-Hexanone

Concen: 69.679 ug/l

RT: 8.685 min Scan# 2300

Delta R.T. -0.000 min

Lab File: VU063595.D

Acq: 16 Sep 2025 15:44

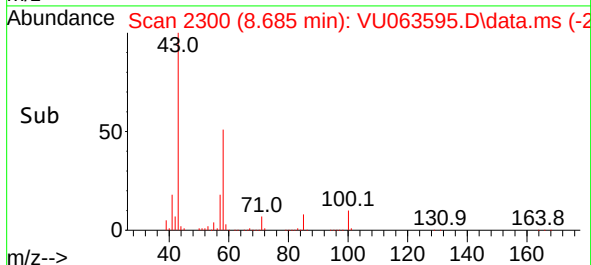
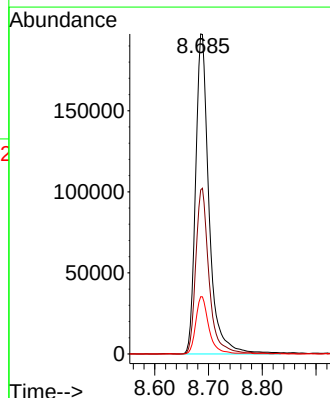
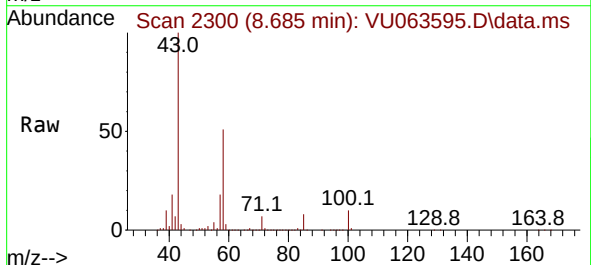
Tgt Ion: 43 Resp: 342439

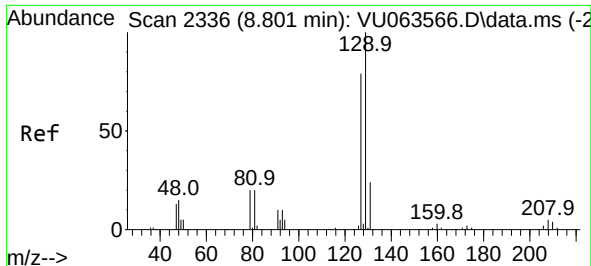
Ion Ratio Lower Upper

43 100

58 50.7 32.7 72.7

57 17.4 0.0 38.2

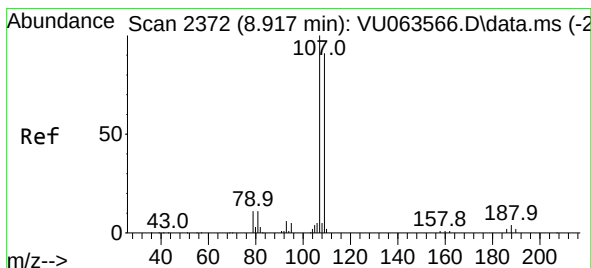
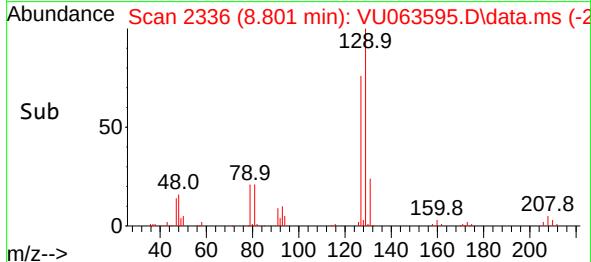
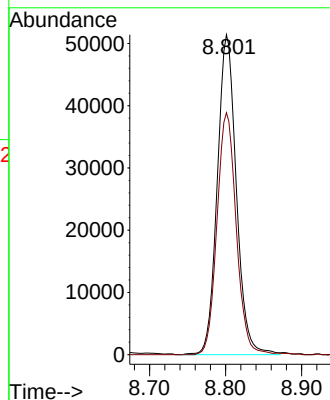
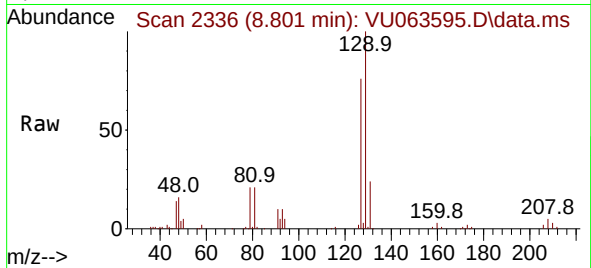




#55
Dibromochloromethane
Concen: 12.126 ug/l
RT: 8.801 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063595.D
Acq: 16 Sep 2025 15:44

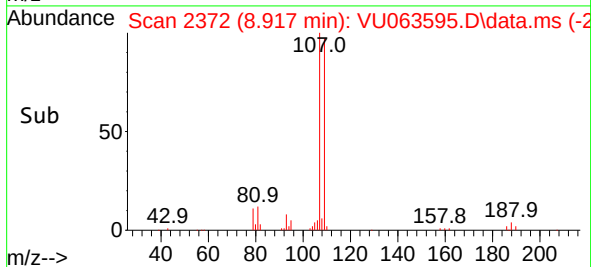
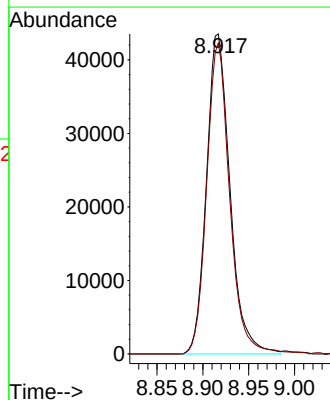
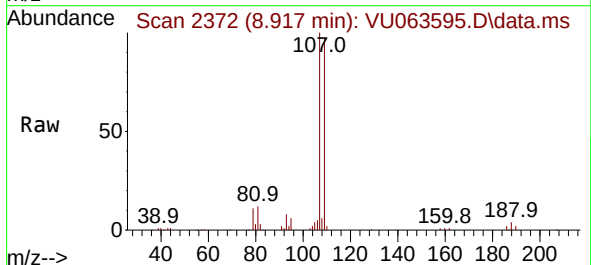
Instrument :
MSVOA_U
ClientSampleId :

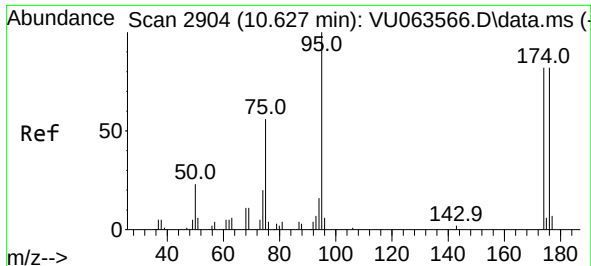
Tgt Ion:129 Resp: 89327
Ion Ratio Lower Upper
129 100
127 76.4 61.9 92.9



#56
1,2-Dibromoethane
Concen: 11.845 ug/l
RT: 8.917 min Scan# 2372
Delta R.T. -0.000 min
Lab File: VU063595.D
Acq: 16 Sep 2025 15:44

Tgt Ion:107 Resp: 77671
Ion Ratio Lower Upper
107 100
109 94.9 0.0 183.6





#57

4-Bromofluorobenzene

Concen: 1.081 ug/l

RT: 10.627 min Scan# 2904

Delta R.T. -0.000 min

Lab File: VU063595.D

Acq: 16 Sep 2025 15:44

Instrument :

MSVOA_U

ClientSampleId :

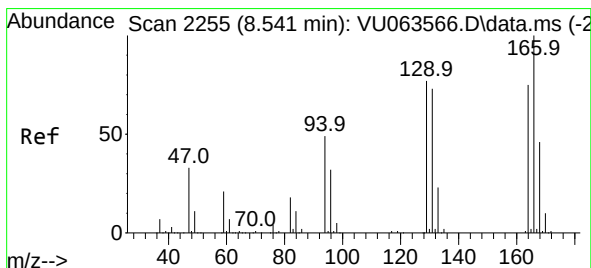
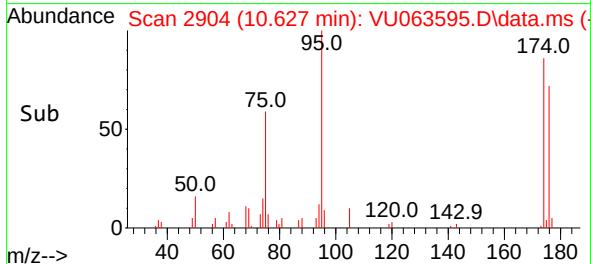
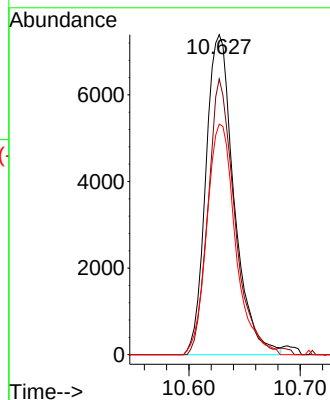
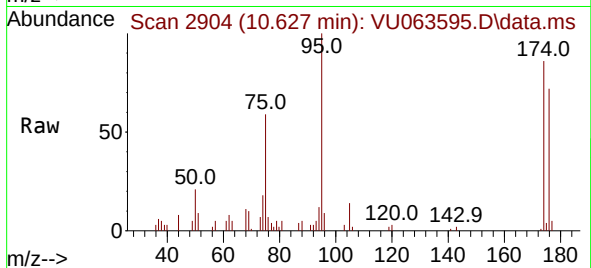
Tgt Ion: 95 Resp: 13007

Ion Ratio Lower Upper

95 100

174 81.1 64.7 97.1

176 73.2 66.2 99.4



#58

Tetrachloroethene

Concen: 11.575 ug/l

RT: 8.541 min Scan# 2255

Delta R.T. -0.000 min

Lab File: VU063595.D

Acq: 16 Sep 2025 15:44

Tgt Ion:164 Resp: 119954

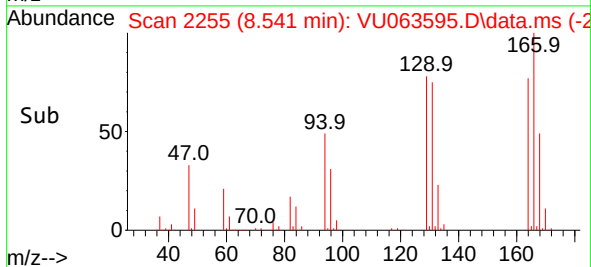
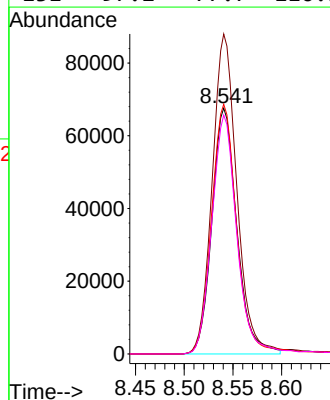
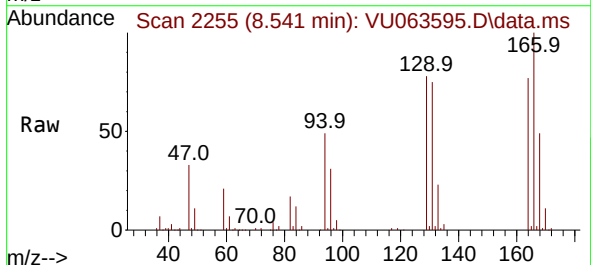
Ion Ratio Lower Upper

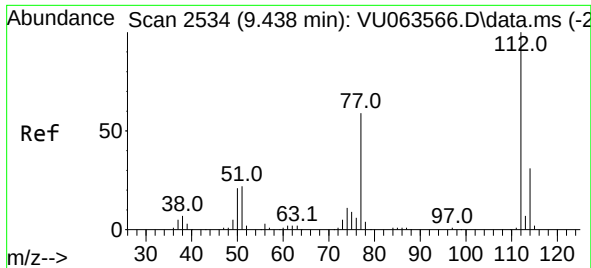
164 100

166 130.2 106.4 159.6

129 101.7 81.4 122.2

131 97.2 77.7 116.5

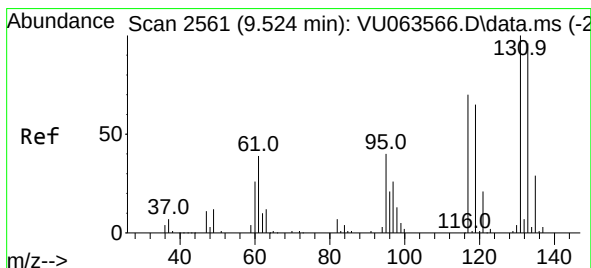
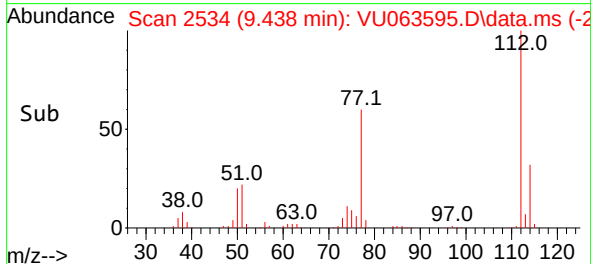
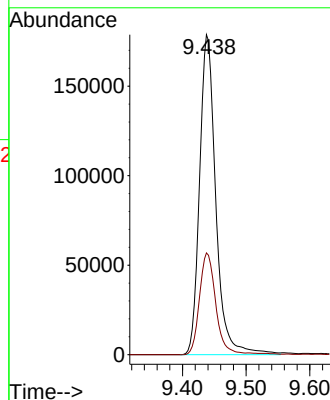
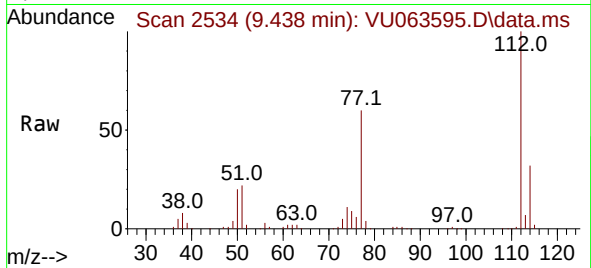




#59
Chlorobenzene
Concen: 11.995 ug/l
RT: 9.438 min Scan# 2534
Delta R.T. -0.000 min
Lab File: VU063595.D
Acq: 16 Sep 2025 15:44

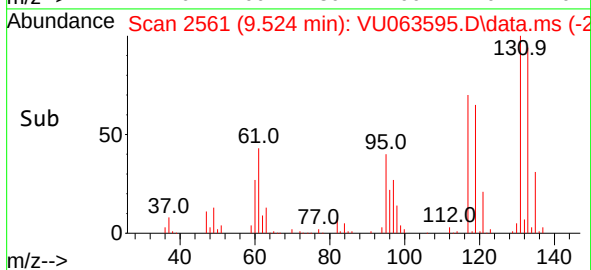
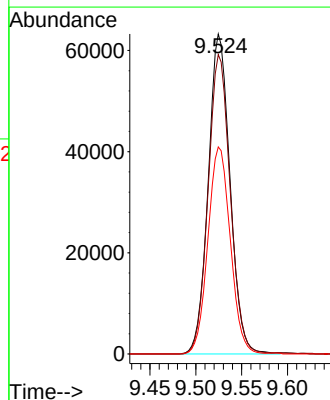
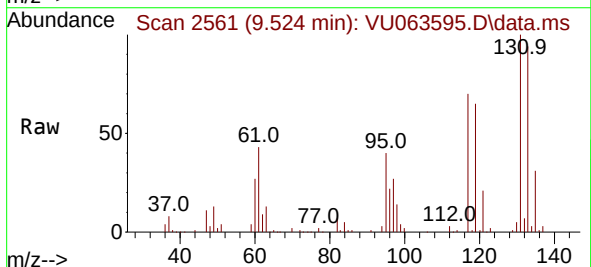
Instrument :
MSVOA_U
ClientSampleId :

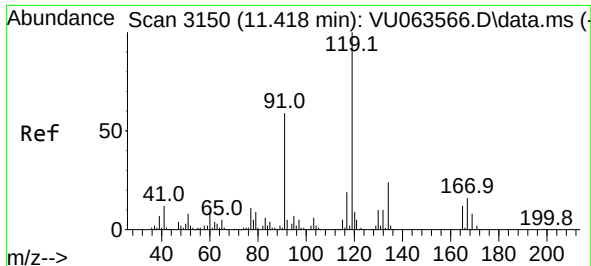
Tgt Ion:112 Resp: 317107
Ion Ratio Lower Upper
112 100
114 31.8 25.0 37.4



#60
1,1,1,2-Tetrachloroethane
Concen: 12.120 ug/l
RT: 9.524 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU063595.D
Acq: 16 Sep 2025 15:44

Tgt Ion:131 Resp: 104662
Ion Ratio Lower Upper
131 100
133 95.0 75.8 113.8
119 66.4 51.8 77.6

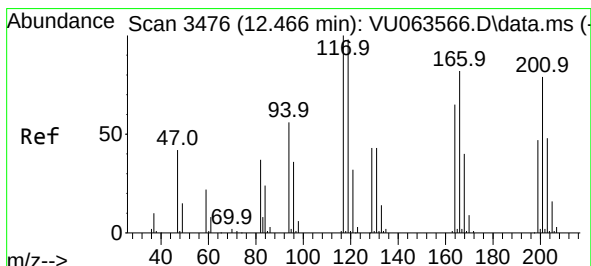
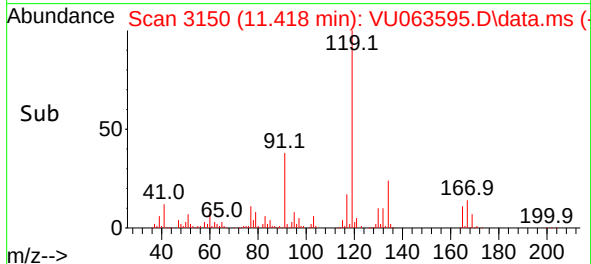
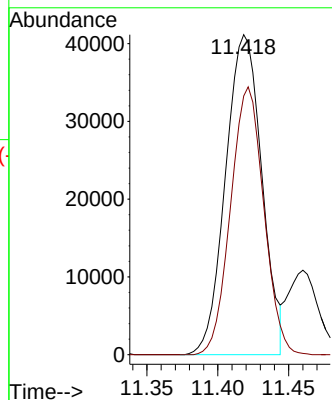
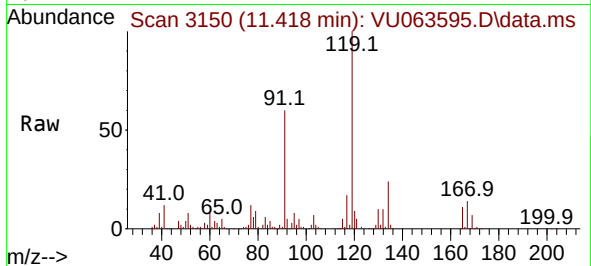




#61
Pentachloroethane
Concen: 11.849 ug/l
RT: 11.418 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU063595.D
Acq: 16 Sep 2025 15:44

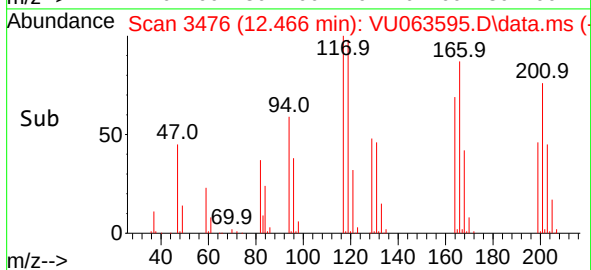
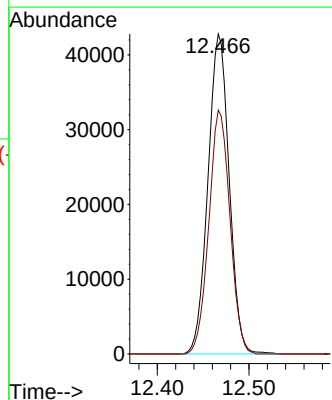
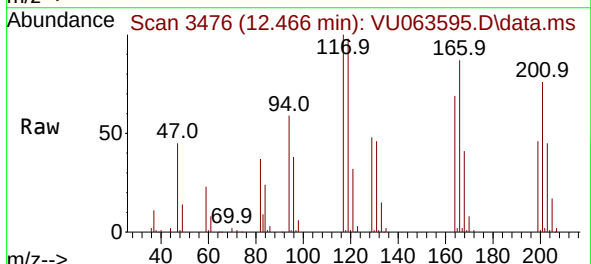
Instrument :
MSVOA_U
ClientSampleId :

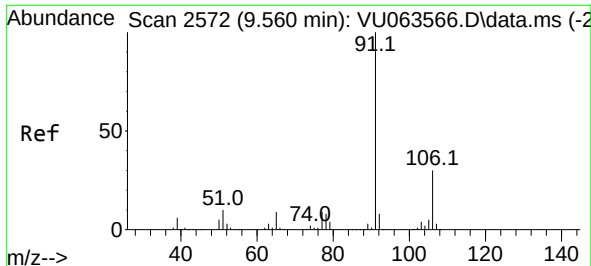
Tgt Ion:117 Resp: 73337
Ion Ratio Lower Upper
117 100
167 76.6 62.6 93.8



#62
Hexachloroethane
Concen: 12.796 ug/l
RT: 12.466 min Scan# 3476
Delta R.T. -0.000 min
Lab File: VU063595.D
Acq: 16 Sep 2025 15:44

Tgt Ion:117 Resp: 68887
Ion Ratio Lower Upper
117 100
201 75.8 61.0 91.6

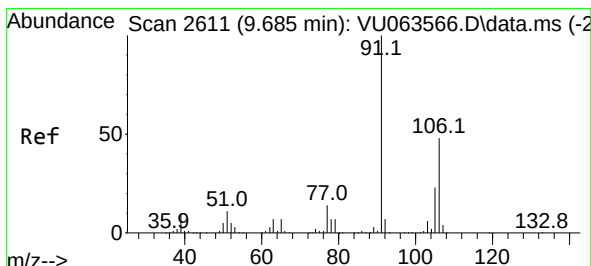
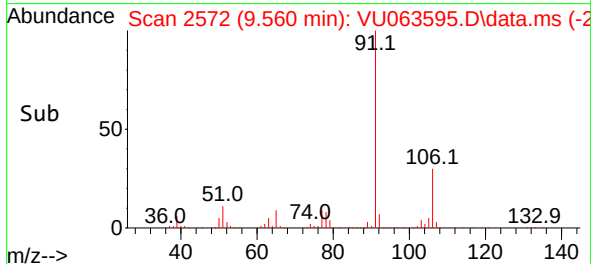
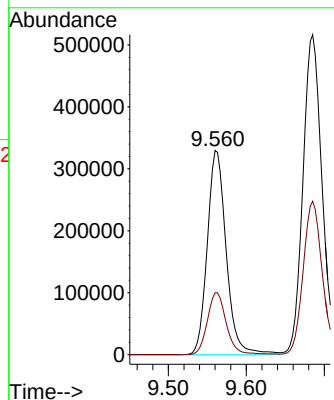
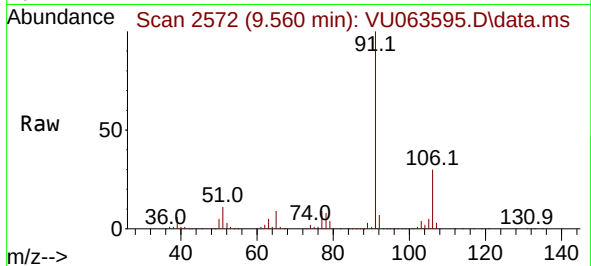




#63
Ethyl Benzene
Concen: 12.356 ug/l
RT: 9.560 min Scan# 2572
Delta R.T. -0.000 min
Lab File: VU063595.D
Acq: 16 Sep 2025 15:44

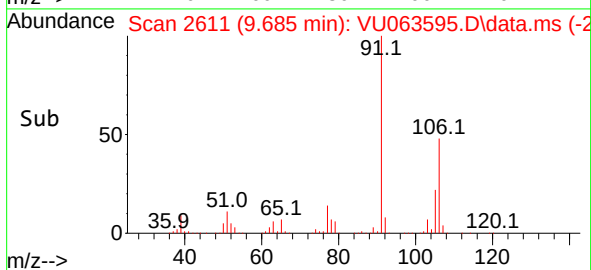
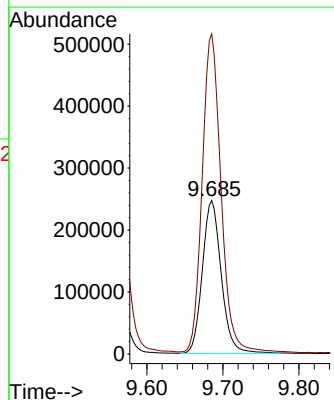
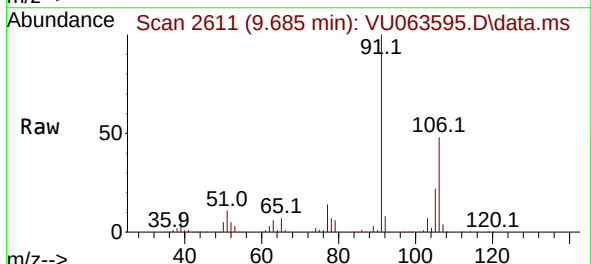
Instrument :
MSVOA_U
ClientSampleId :

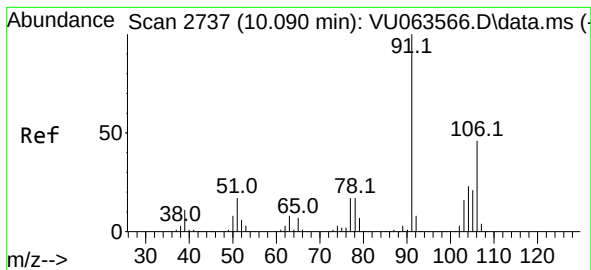
Tgt Ion: 91 Resp: 557734
Ion Ratio Lower Upper
91 100
106 30.3 23.8 35.8



#64
m/p-Xylenes
Concen: 24.613 ug/l
RT: 9.685 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU063595.D
Acq: 16 Sep 2025 15:44

Tgt Ion:106 Resp: 426947
Ion Ratio Lower Upper
106 100
91 209.2 167.0 250.4





#65

o-Xylene

Concen: 12.185 ug/l

RT: 10.090 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU063595.D

Acq: 16 Sep 2025 15:44

Instrument :

MSVOA_U

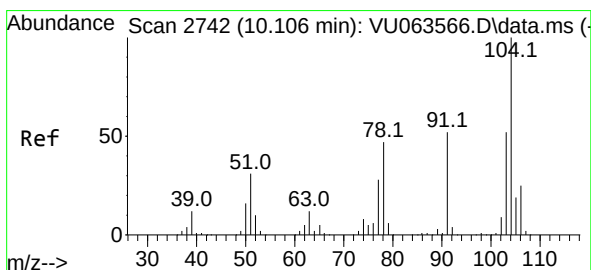
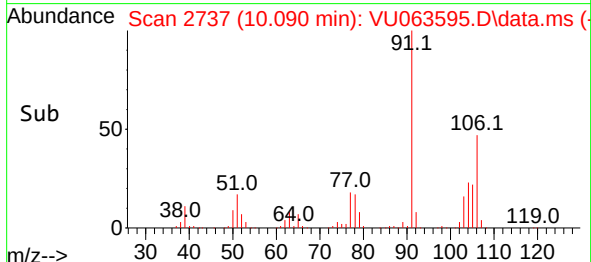
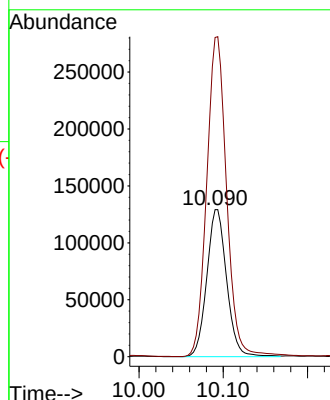
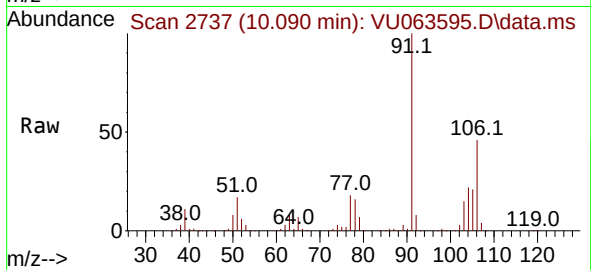
ClientSampleId :

Tgt Ion:106 Resp: 211571

Ion Ratio Lower Upper

106 100

91 218.8 108.7 326.1



#66

Styrene

Concen: 12.866 ug/l

RT: 10.106 min Scan# 2742

Delta R.T. -0.000 min

Lab File: VU063595.D

Acq: 16 Sep 2025 15:44

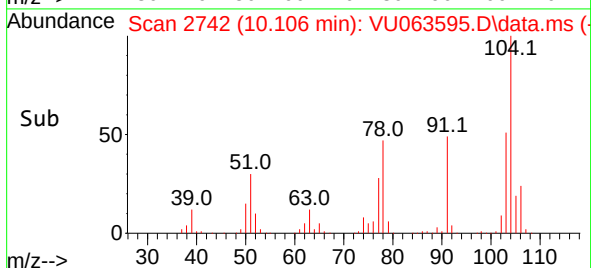
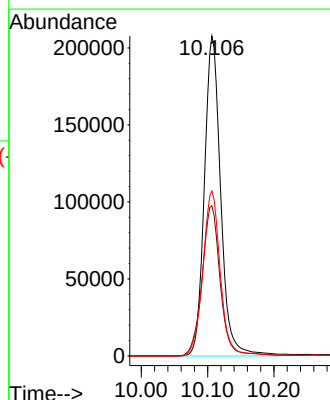
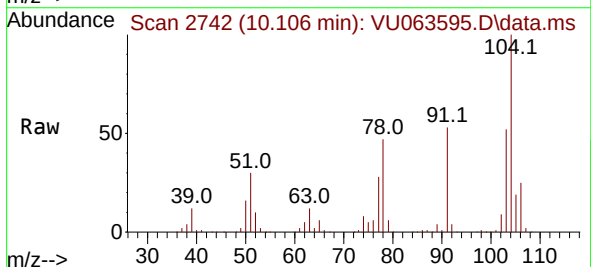
Tgt Ion:104 Resp: 356623

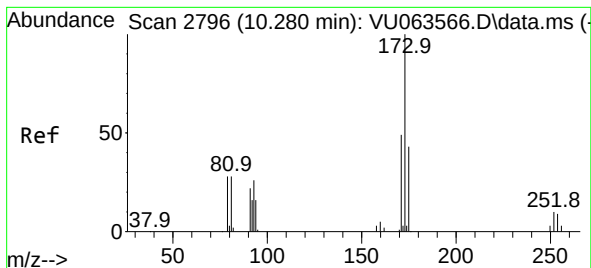
Ion Ratio Lower Upper

104 100

78 52.0 41.2 61.8

103 55.3 44.2 66.2





#67

Bromoform

Concen: 12.348 ug/l

RT: 10.283 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063595.D

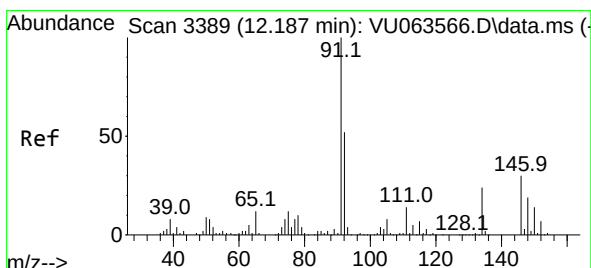
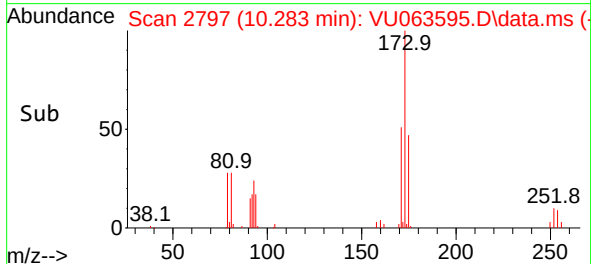
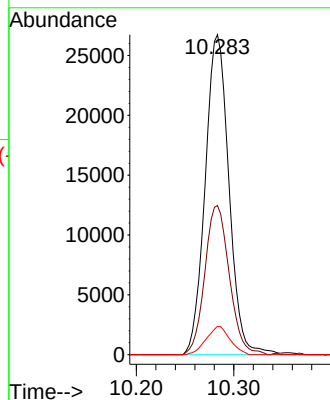
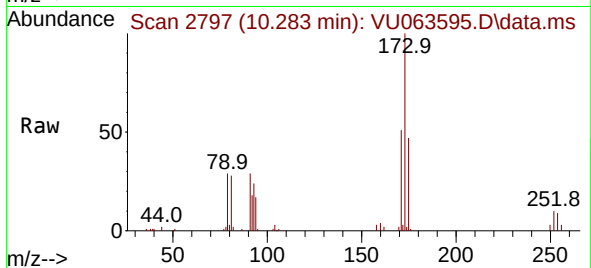
Acq: 16 Sep 2025 15:44

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:173	Resp:	45309
Ion Ratio	Lower	Upper
173	100	
175	48.0	37.0 55.6
254	8.8	7.1 10.7



#68

1,2-Dichlorobenzene-d4

Concen: 1.127 ug/l

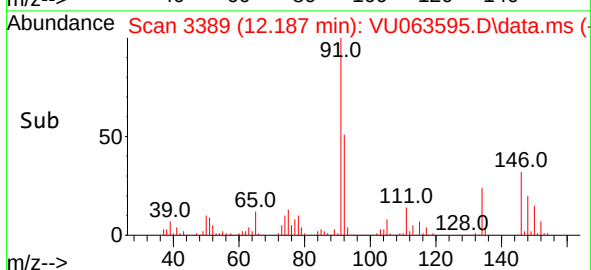
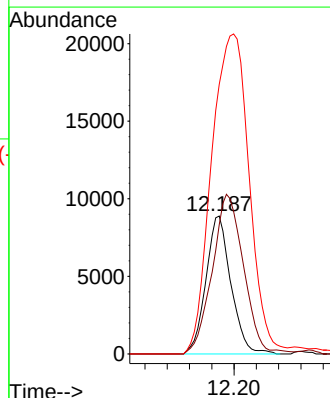
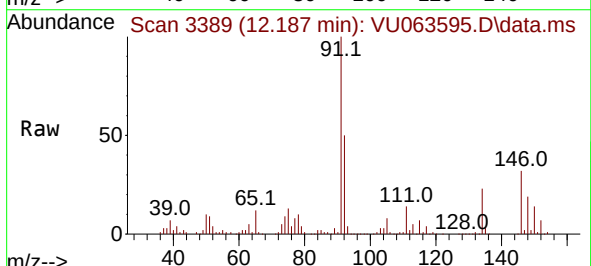
RT: 12.187 min Scan# 3389

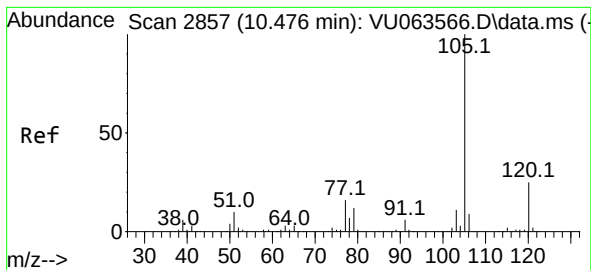
Delta R.T. -0.000 min

Lab File: VU063595.D

Acq: 16 Sep 2025 15:44

Tgt Ion:152	Resp:	13832
Ion Ratio	Lower	Upper
152	100	
115	145.1	0.0 260.6
150	348.8	0.0 661.8





#69

Isopropylbenzene

Concen: 12.357 ug/l

RT: 10.476 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU063595.D

Acq: 16 Sep 2025 15:44

Instrument :

MSVOA_U

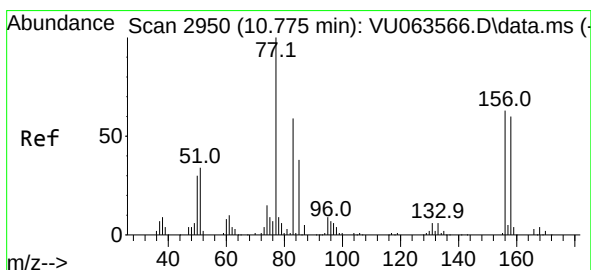
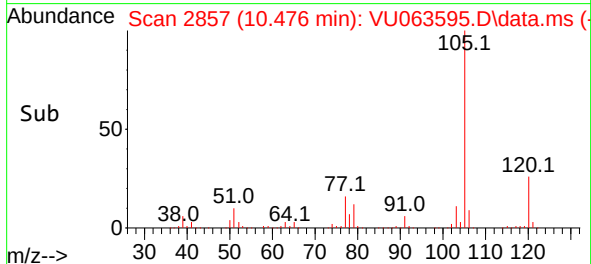
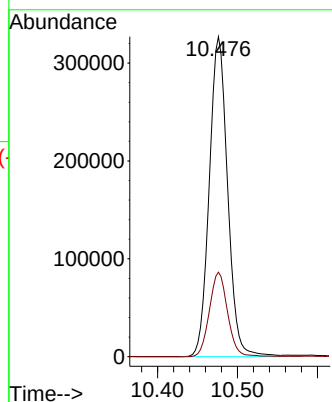
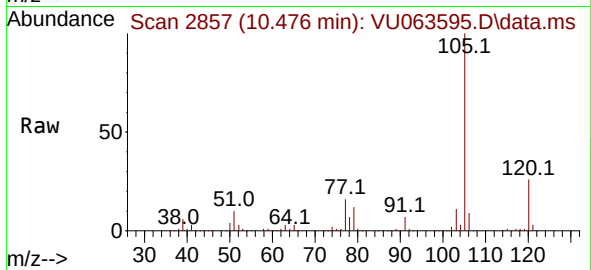
ClientSampleId :

Tgt Ion:105 Resp: 520803

Ion Ratio Lower Upper

105 100

120 26.3 12.7 38.0



#70

1,1,2,2-Tetrachloroethane

Concen: 12.266 ug/l

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU063595.D

Acq: 16 Sep 2025 15:44

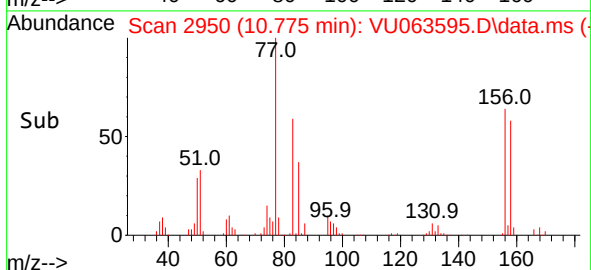
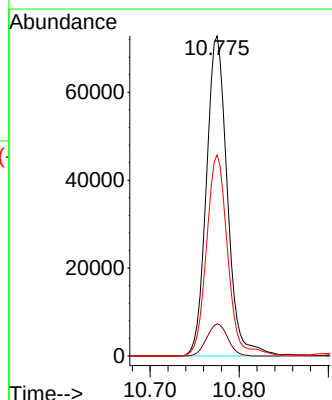
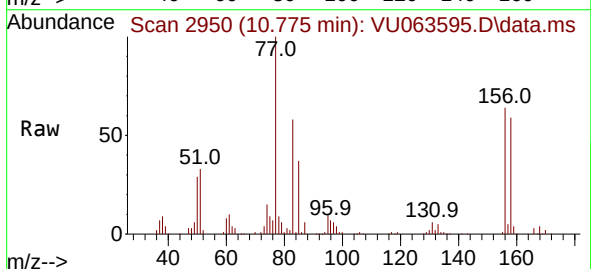
Tgt Ion: 83 Resp: 118717

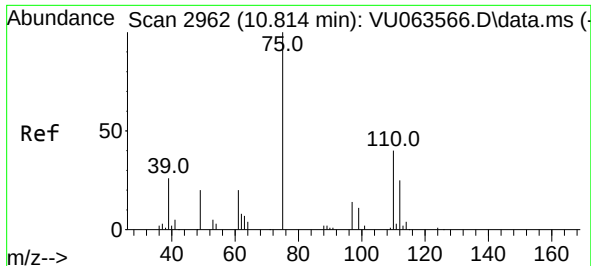
Ion Ratio Lower Upper

83 100

131 10.1 7.7 11.5

85 64.0 52.2 78.4

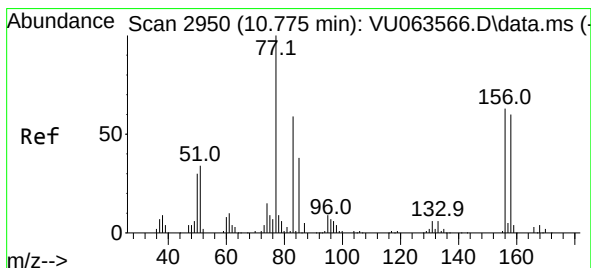
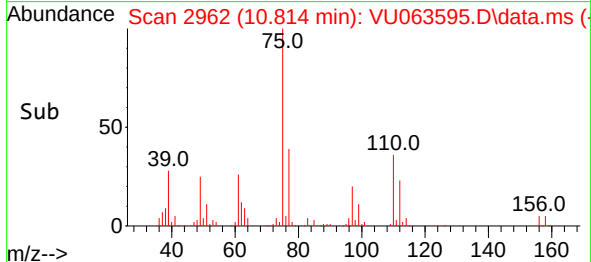
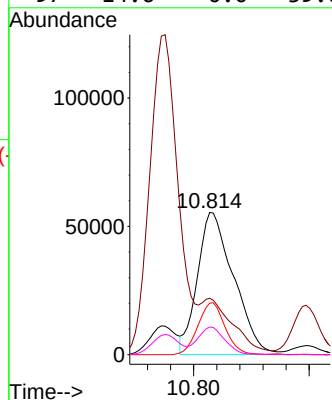
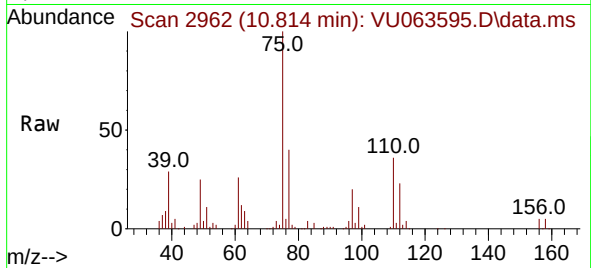




#71
1,2,3-Trichloropropane
Concen: 16.820 ug/l
RT: 10.814 min Scan# 2962
Delta R.T. -0.000 min
Lab File: VU063595.D
Acq: 16 Sep 2025 15:44

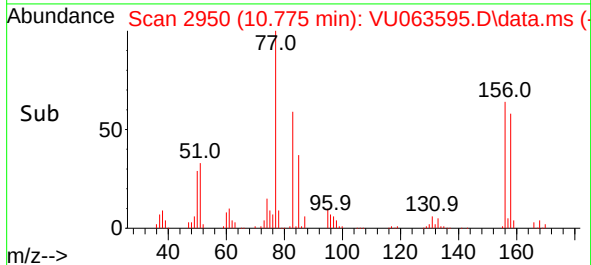
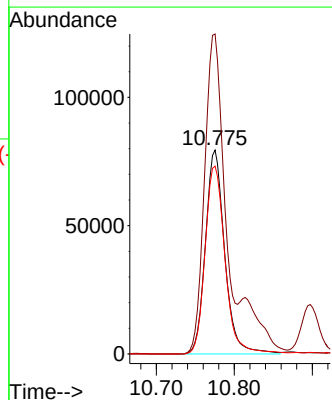
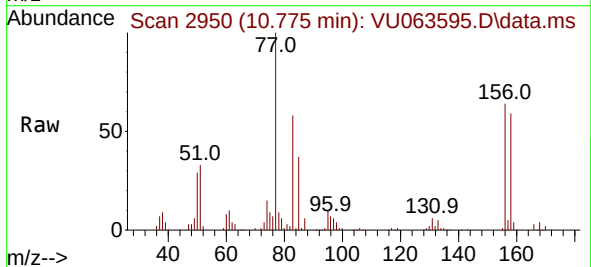
Instrument :
MSVOA_U
ClientSampleId :

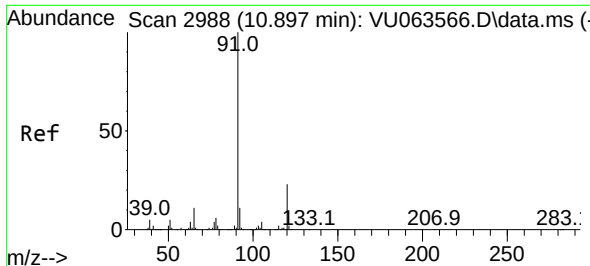
Tgt Ion: 75	Resp: 120682
Ion Ratio	Lower Upper
75 100	
77 0.0	0.0 0.0
110 27.5	0.0 77.6
97 14.6	0.0 39.6



#72
Bromobenzene
Concen: 12.479 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU063595.D
Acq: 16 Sep 2025 15:44

Tgt Ion:156	Resp:	136457	
Ion	Ratio	Lower	Upper
156	100		
77	158.6	0.0	323.0
158	95.7	0.0	195.4

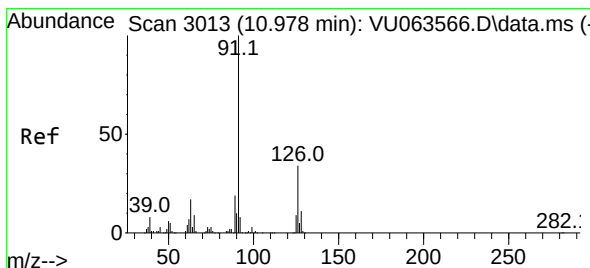
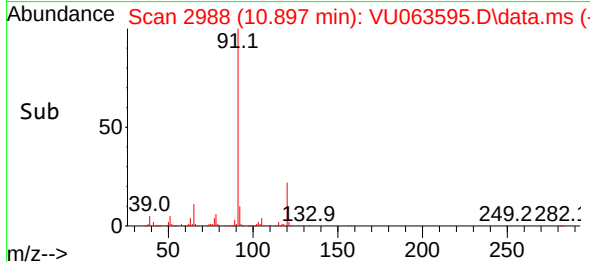
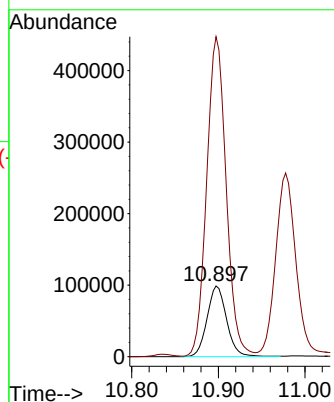
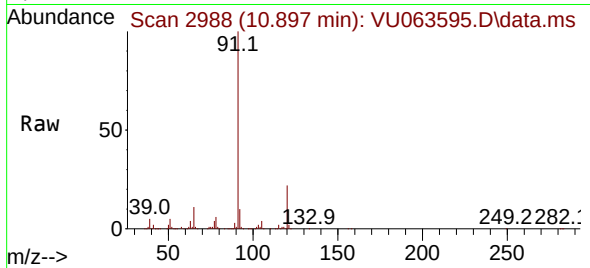




#73
n-propylbenzene
Concen: 12.740 ug/l
RT: 10.897 min Scan# 2988
Delta R.T. -0.000 min
Lab File: VU063595.D
Acq: 16 Sep 2025 15:44

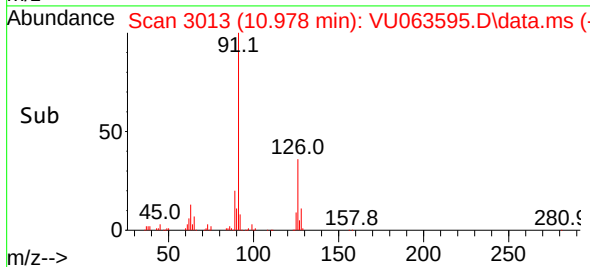
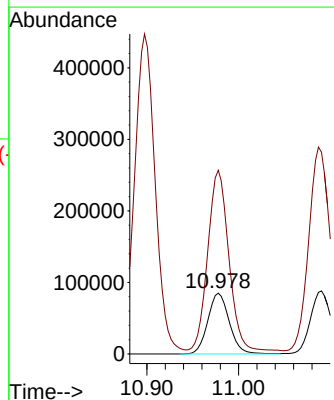
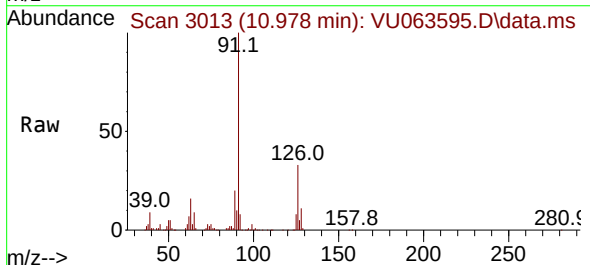
Instrument :
MSVOA_U
ClientSampleId :

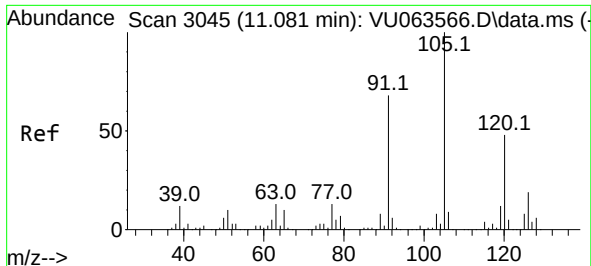
Tgt Ion:120 Resp: 155210
Ion Ratio Lower Upper
120 100
91 449.4 349.1 523.7



#74
2-Chlorotoluene
Concen: 12.548 ug/l
RT: 10.978 min Scan# 3013
Delta R.T. -0.000 min
Lab File: VU063595.D
Acq: 16 Sep 2025 15:44

Tgt Ion:126 Resp: 138218
Ion Ratio Lower Upper
126 100
91 303.6 0.0 609.4

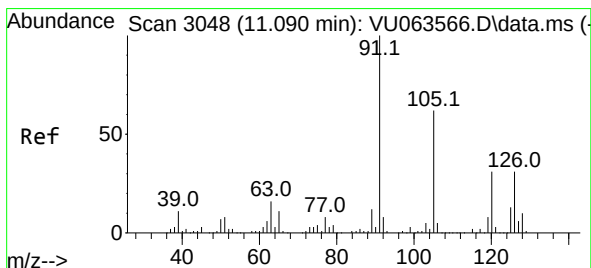
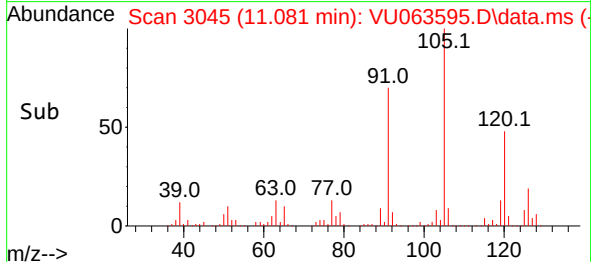
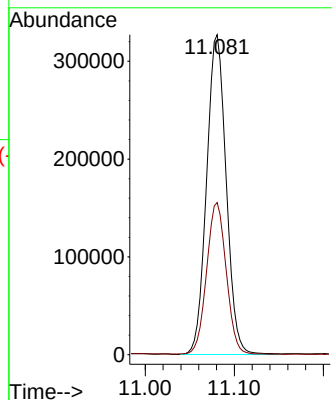
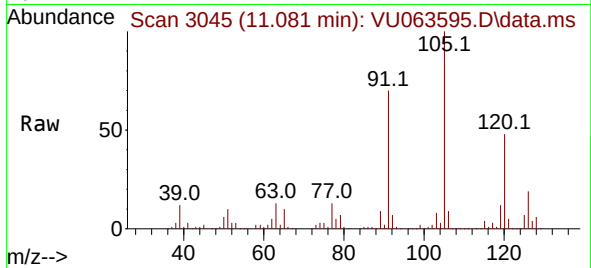




#75
1,3,5-Trimethylbenzene
Concen: 12.645 ug/l
RT: 11.081 min Scan# 3045
Delta R.T. -0.000 min
Lab File: VU063595.D
Acq: 16 Sep 2025 15:44

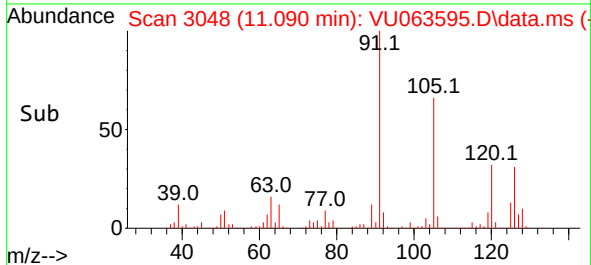
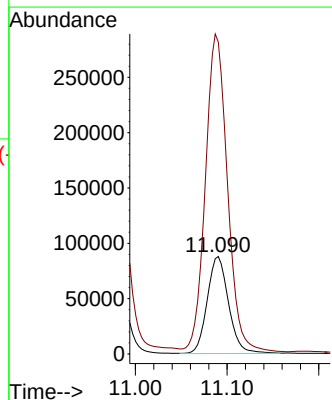
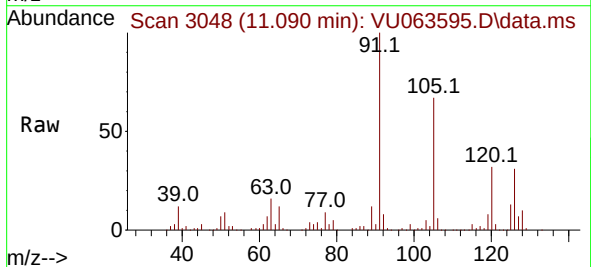
Instrument :
MSVOA_U
ClientSampleId :

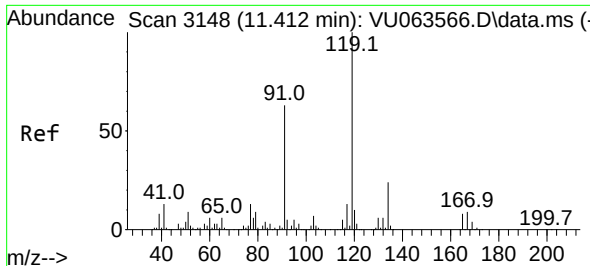
Tgt Ion:105 Resp: 498466
Ion Ratio Lower Upper
105 100
120 47.5 38.0 57.0



#76
4-Chlorotoluene
Concen: 12.241 ug/l
RT: 11.090 min Scan# 3048
Delta R.T. -0.000 min
Lab File: VU063595.D
Acq: 16 Sep 2025 15:44

Tgt Ion:126 Resp: 141233
Ion Ratio Lower Upper
126 100
91 340.2 0.0 679.4

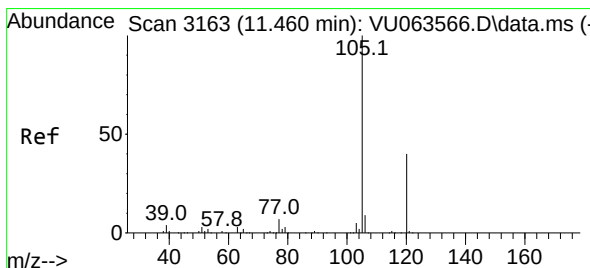
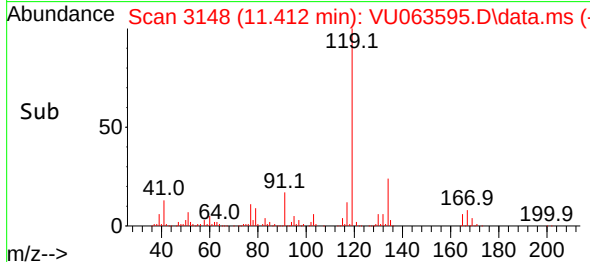
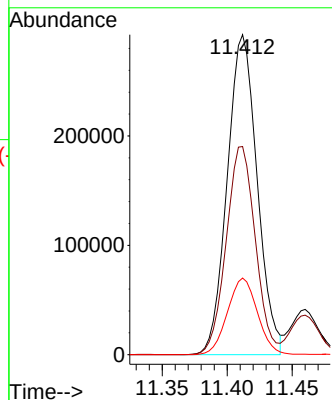
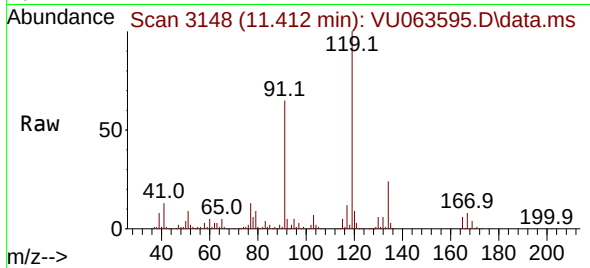




#77
tert-Butylbenzene
Concen: 12.330 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU063595.D
Acq: 16 Sep 2025 15:44

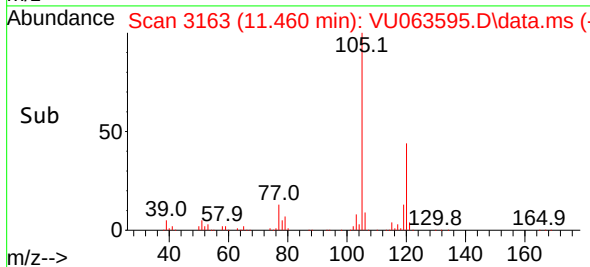
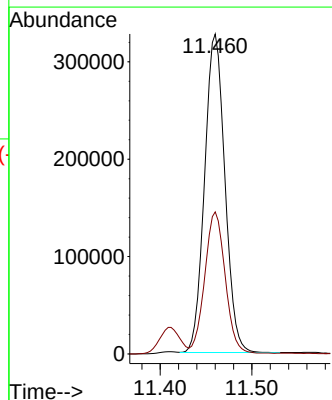
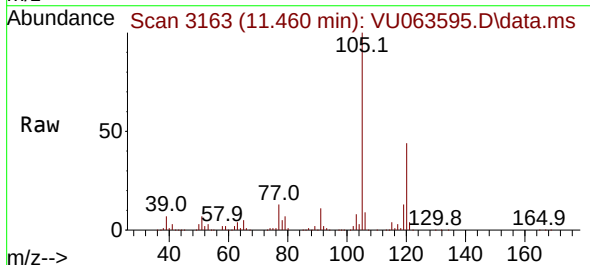
Instrument :
MSVOA_U
ClientSampleId :

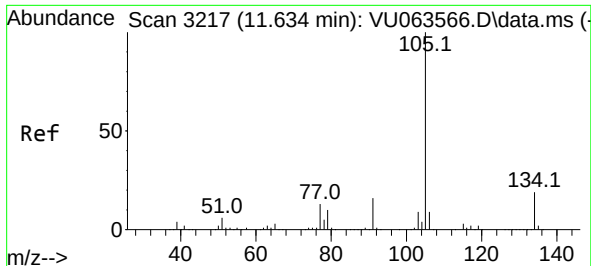
Tgt Ion:119 Resp: 469873
Ion Ratio Lower Upper
119 100
91 63.5 31.0 93.0
134 24.0 19.0 28.6



#78
1,2,4-Trimethylbenzene
Concen: 13.102 ug/l
RT: 11.460 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VU063595.D
Acq: 16 Sep 2025 15:44

Tgt Ion:105 Resp: 502621
Ion Ratio Lower Upper
105 100
120 44.5 22.4 67.3

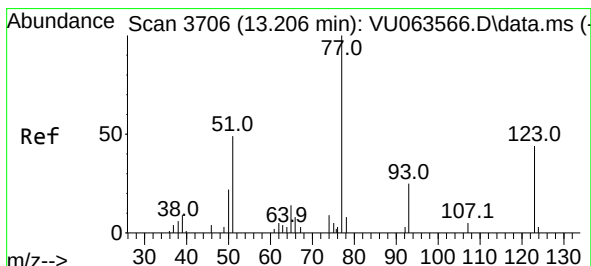
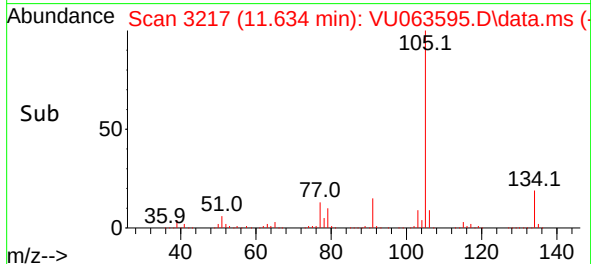
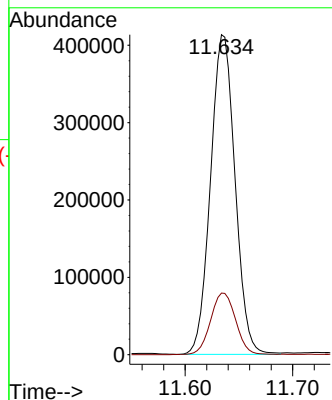
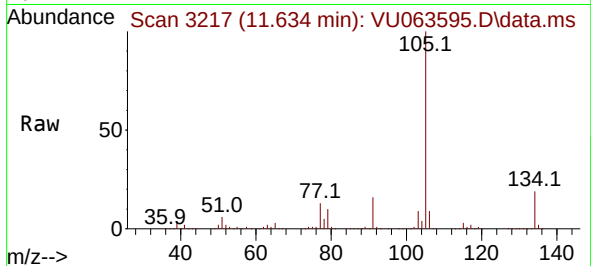




#79
 sec-Butylbenzene
 Concen: 12.665 ug/l
 RT: 11.634 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU063595.D
 Acq: 16 Sep 2025 15:44

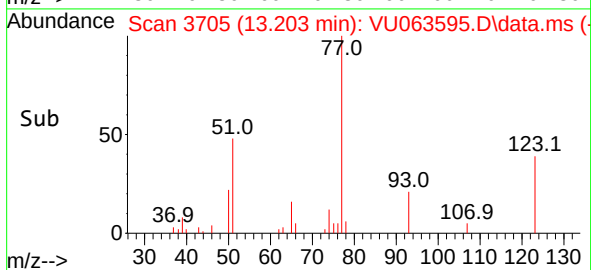
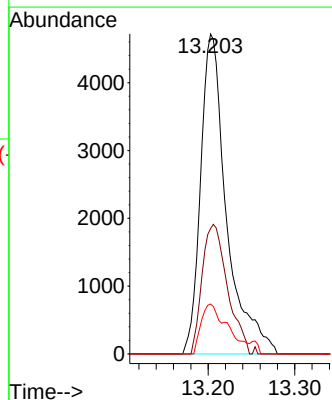
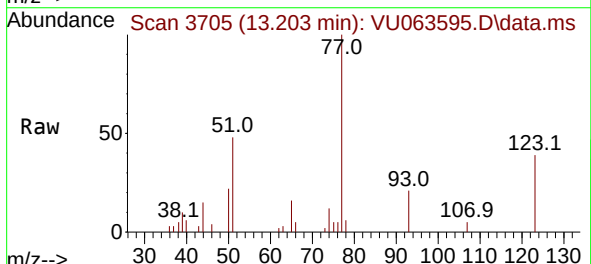
Instrument :
 MSVOA_U
 ClientSampleId :

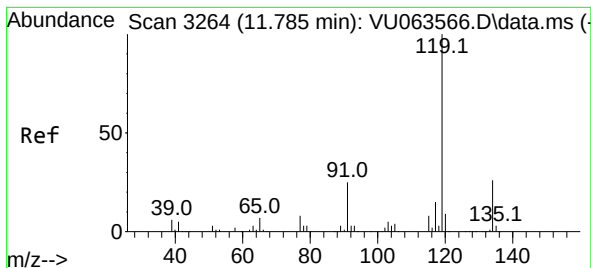
Tgt Ion:105 Resp: 653863
 Ion Ratio Lower Upper
 105 100
 134 19.8 15.6 23.4



#80
 Nitrobenzene
 Concen: 53.223 ug/l
 RT: 13.203 min Scan# 3705
 Delta R.T. -0.003 min
 Lab File: VU063595.D
 Acq: 16 Sep 2025 15:44

Tgt Ion: 77 Resp: 9805
 Ion Ratio Lower Upper
 77 100
 123 39.5 18.0 63.6
 65 13.0 12.8 16.4





#81

p-Isopropyltoluene

Concen: 13.084 ug/l

RT: 11.785 min Scan# 3264

Delta R.T. -0.000 min

Lab File: VU063595.D

Acq: 16 Sep 2025 15:44

Instrument :

MSVOA_U

ClientSampleId :

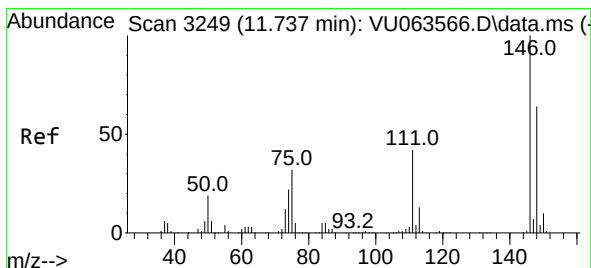
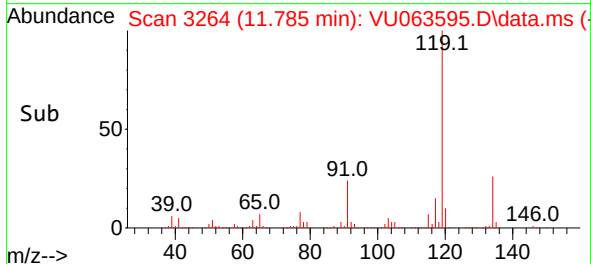
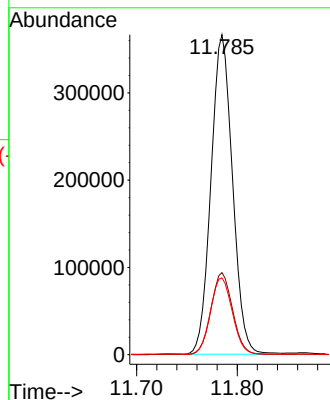
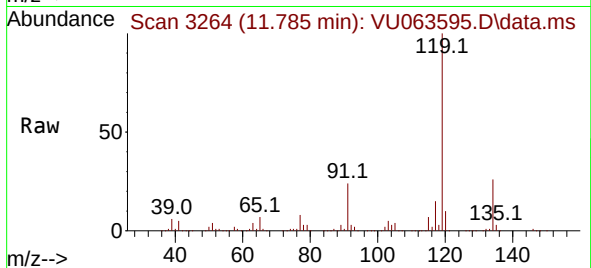
Tgt Ion:119 Resp: 543491

Ion Ratio Lower Upper

119 100

134 25.5 20.6 30.8

91 24.5 19.8 29.6



#82

1,3-Dichlorobenzene

Concen: 12.387 ug/l

RT: 11.737 min Scan# 3249

Delta R.T. -0.000 min

Lab File: VU063595.D

Acq: 16 Sep 2025 15:44

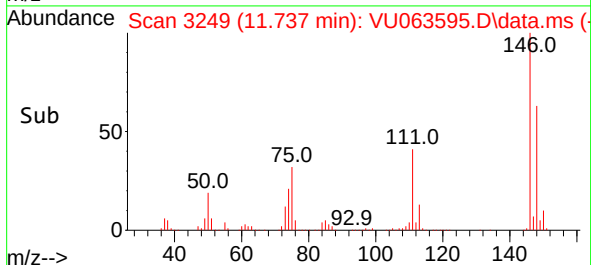
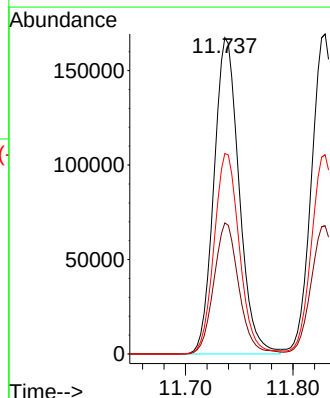
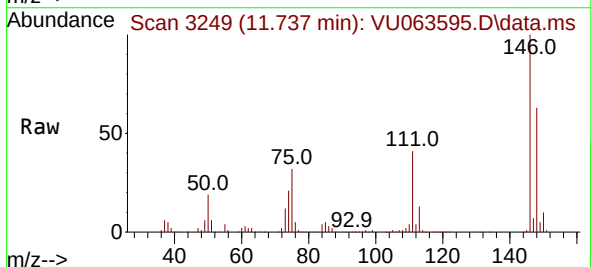
Tgt Ion:146 Resp: 272564

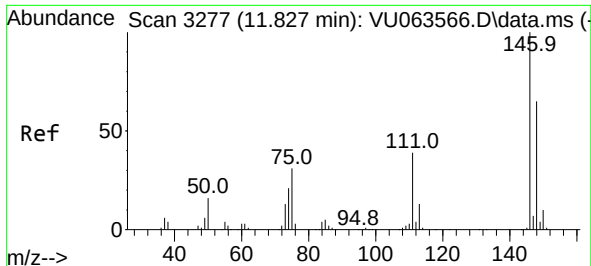
Ion Ratio Lower Upper

146 100

111 41.2 32.7 49.1

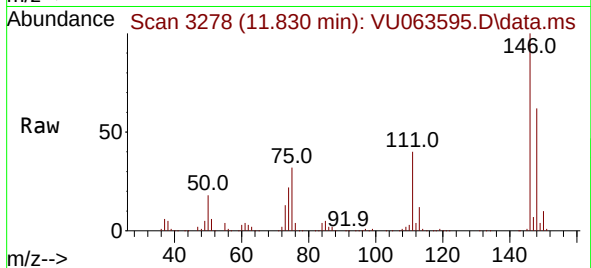
148 63.9 50.4 75.6



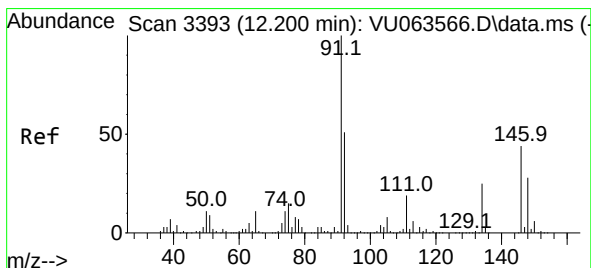
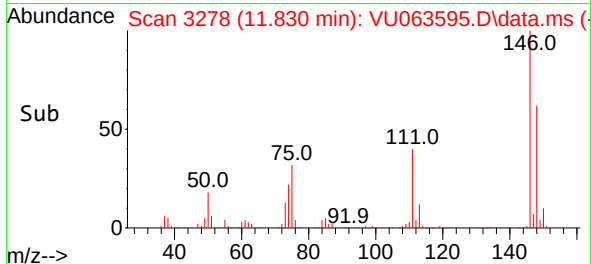
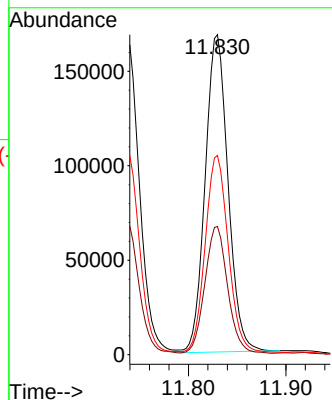


#83
1,4-Dichlorobenzene
Concen: 12.116 ug/l
RT: 11.830 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063595.D
Acq: 16 Sep 2025 15:44

Instrument :
MSVOA_U
ClientSampleId :

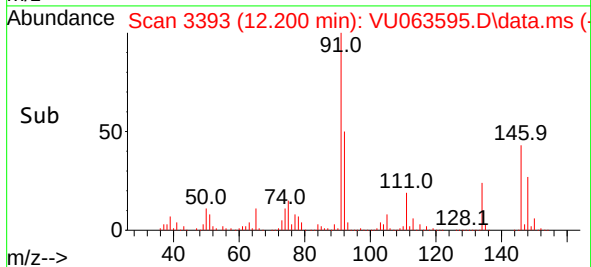
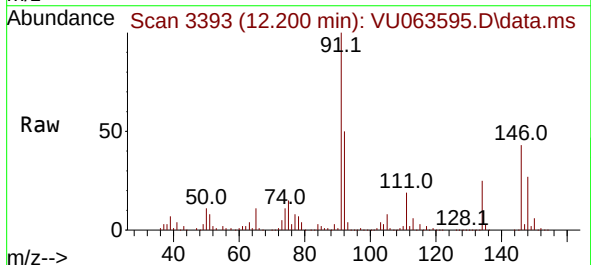
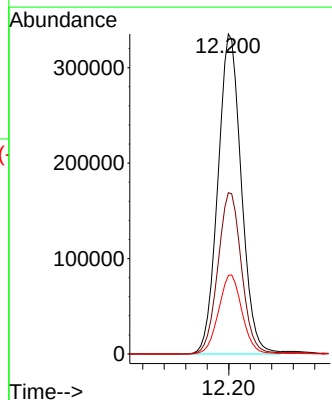


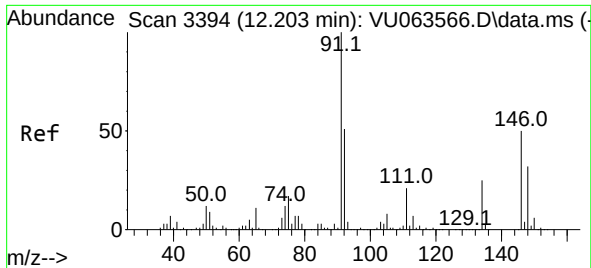
Tgt Ion:146 Resp: 273845
Ion Ratio Lower Upper
146 100
111 40.2 31.6 47.4
148 63.3 51.8 77.8



#84
n-Butylbenzene
Concen: 13.031 ug/l
RT: 12.200 min Scan# 3393
Delta R.T. -0.000 min
Lab File: VU063595.D
Acq: 16 Sep 2025 15:44

Tgt Ion: 91 Resp: 507357
Ion Ratio Lower Upper
91 100
92 51.0 41.3 61.9
134 24.9 19.9 29.9

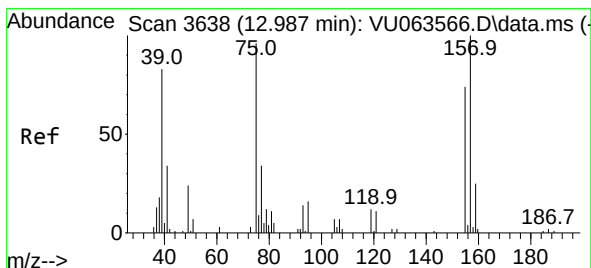
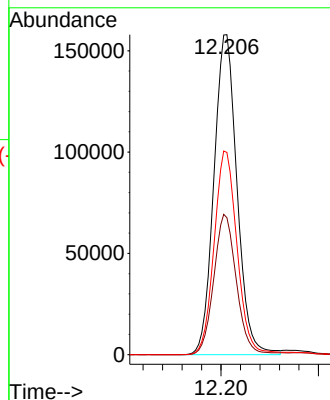
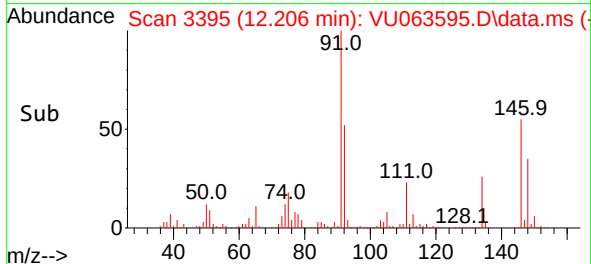
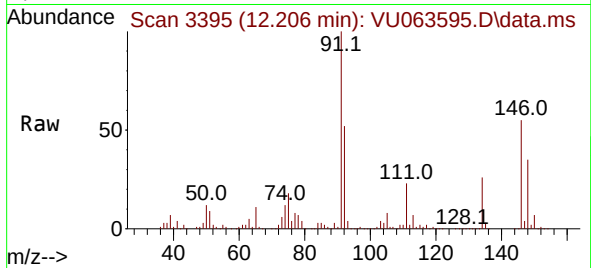




#85
 1,2-Dichlorobenzene
 Concen: 12.282 ug/l
 RT: 12.206 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU063595.D
 Acq: 16 Sep 2025 15:44

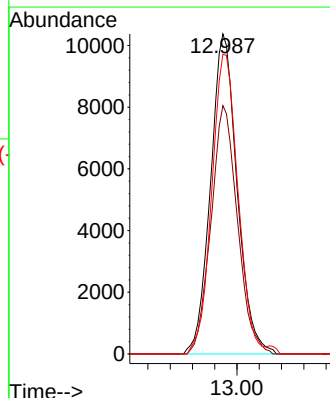
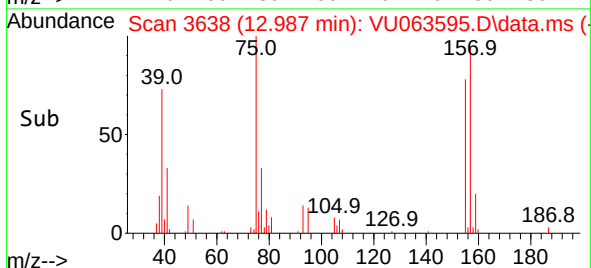
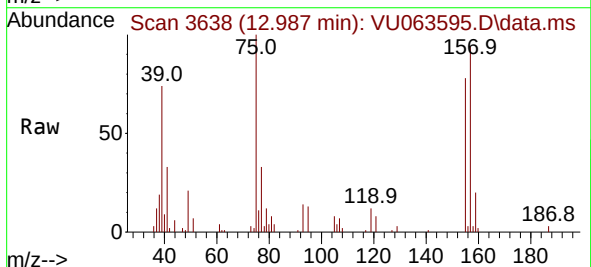
Instrument :
 MSVOA_U
 ClientSampleId :

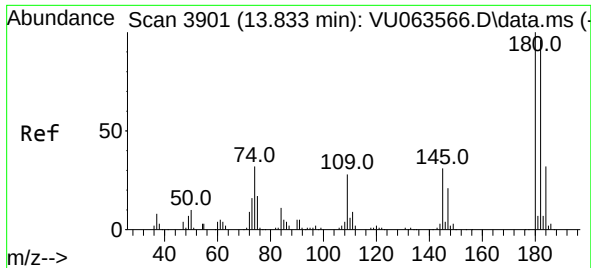
Tgt Ion:146 Resp: 260668
 Ion Ratio Lower Upper
 146 100
 111 42.7 21.0 63.0
 148 64.2 31.8 95.3



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 13.744 ug/l
 RT: 12.987 min Scan# 3638
 Delta R.T. -0.000 min
 Lab File: VU063595.D
 Acq: 16 Sep 2025 15:44

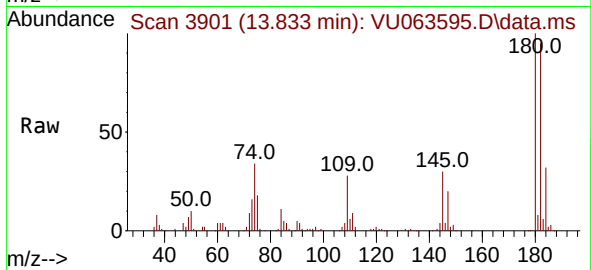
Tgt Ion: 75 Resp: 17144
 Ion Ratio Lower Upper
 75 100
 155 77.3 64.1 96.1
 157 93.3 84.2 126.4



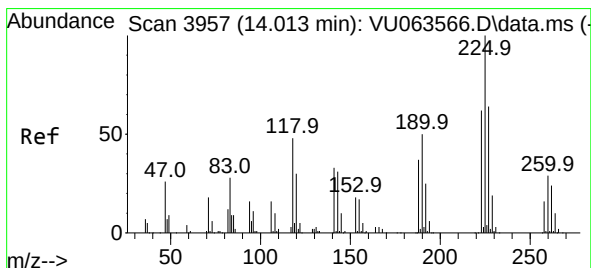
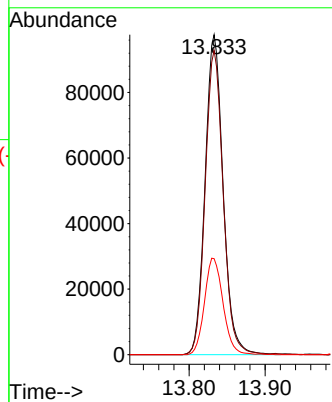
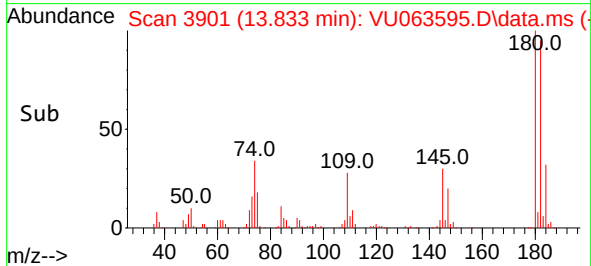


#87
 1,2,4-Trichlorobenzene
 Concen: 12.515 ug/l
 RT: 13.833 min Scan# 3901
 Delta R.T. -0.000 min
 Lab File: VU063595.D
 Acq: 16 Sep 2025 15:44

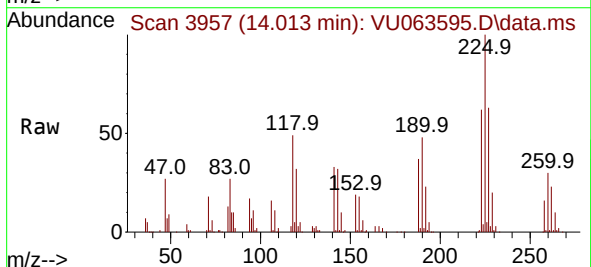
Instrument :
 MSVOA_U
 ClientSampleId :



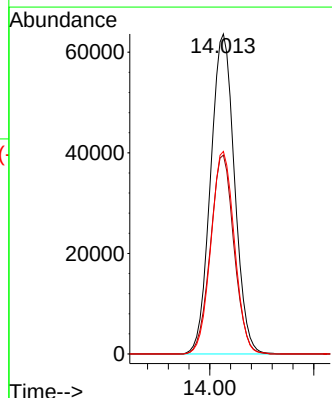
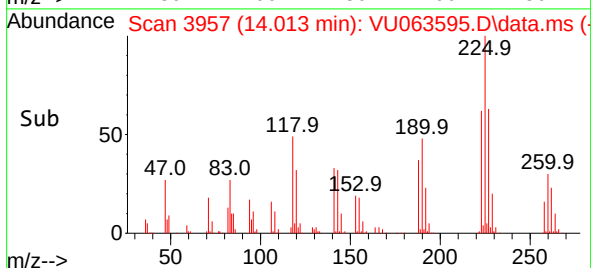
Tgt Ion:180 Resp: 160829
 Ion Ratio Lower Upper
 180 100
 182 94.7 77.1 115.7
 145 31.1 25.0 37.4

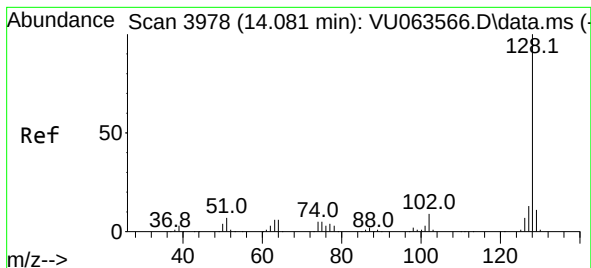


#88
 Hexachlorobutadiene
 Concen: 12.722 ug/l
 RT: 14.013 min Scan# 3957
 Delta R.T. -0.000 min
 Lab File: VU063595.D
 Acq: 16 Sep 2025 15:44



Tgt Ion:225 Resp: 101743
 Ion Ratio Lower Upper
 225 100
 223 61.2 50.2 75.2
 227 62.0 51.6 77.4





#89

Naphthalene

Concen: 11.867 ug/l

RT: 14.081 min Scan# 3978

Delta R.T. -0.000 min

Lab File: VU063595.D

Acq: 16 Sep 2025 15:44

Instrument :

MSVOA_U

ClientSampleId :

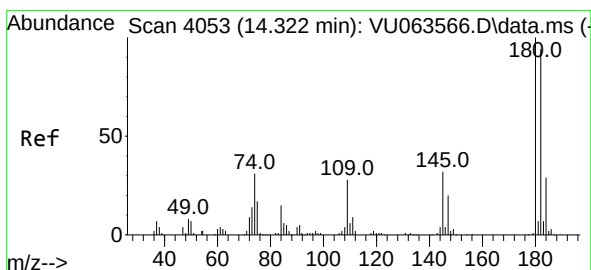
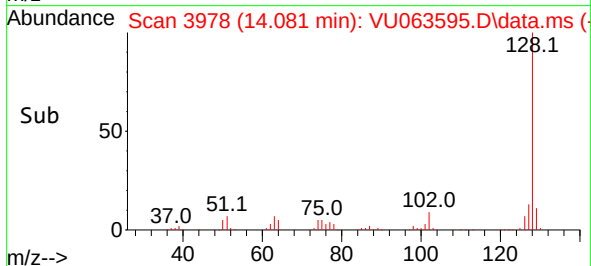
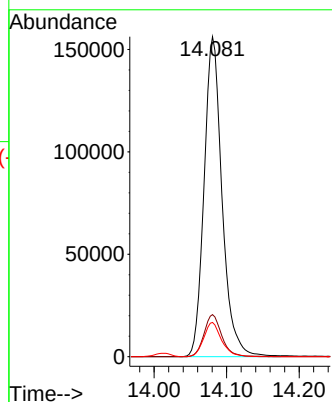
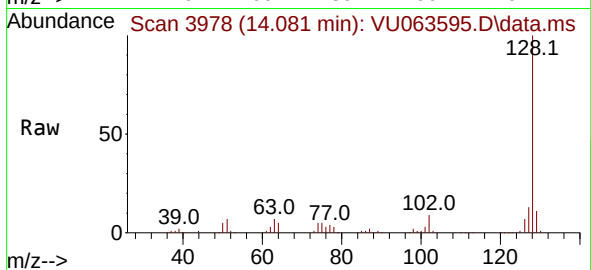
Tgt Ion:128 Resp: 269616

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 10.6 8.6 13.0



#90

1,2,3-Trichlorobenzene

Concen: 12.439 ug/l

RT: 14.322 min Scan# 4053

Delta R.T. -0.000 min

Lab File: VU063595.D

Acq: 16 Sep 2025 15:44

Tgt Ion:180 Resp: 151712

Ion Ratio Lower Upper

180 100

182 96.3 76.8 115.2

145 34.3 26.6 40.0

