

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091525\
 Data File : VU063575.D
 Acq On : 15 Sep 2025 13:11
 Operator : MD/SY
 Sample : Q2893-08
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 16 05:06:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U091225DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Sep 16 05:06:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.097	96	33109	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	11447	0.928	ug/l	0.00
Spiked Amount 1.000			Recovery	=	93.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	11918	0.948	ug/l	0.00
Spiked Amount 1.000			Recovery	=	95.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	5039	0.461	ug/l	97
3) Chloromethane	1.518	50	6233	0.583	ug/l	91
4) Vinyl Chloride	1.599	62	5439	0.469	ug/l	92
5) Bromomethane	1.843	94	4481	0.626	ug/l	85
6) Chloroethane	1.920	64	3742	0.502	ug/l	100
7) Trichlorofluoromethane	2.126	101	8806	0.518	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.567	101	4668	0.490	ug/l	94
9) 1,1-Dichloroethene	2.567	96	4404	0.510	ug/l	97
10) Iodomethane	2.708	142	5824	0.469	ug/l	97
11) Allyl Chloride	2.907	41	6276	0.437	ug/l	94
12) Acrylonitrile	3.309	53	2580	0.988	ug/l	91
13) Acetone	2.621	43	6779	1.834	ug/l	89
14) Carbon Disulfide	2.775	76	8117	0.450	ug/l	97
15) Methylene Chloride	3.026	84	8603	0.755	ug/l	95
16) trans-1,2-Dichloroethene	3.335	96	4504	0.490	ug/l	94
17) 1,1-Dichloroethane	3.849	63	10387	0.493	ug/l	97
18) 2-Butanone	4.718	43	9193	2.183	ug/l	91
19) Cyclohexane	5.357	56	7653	0.454	ug/l	# 88
20) Methylcyclohexane	6.737	83	6978	0.451	ug/l	99
21) 2,2-Dichloropropane	4.644	77	7282	0.467	ug/l	94
22) cis-1,2-Dichloroethene	4.650	96	5627	0.499	ug/l	94
23) Diethyl Ether	2.370	59	3920	0.513	ug/l	# 91
24) tert-Butyl Alcohol	3.190	59	7917	7.811	ug/l	# 80
25) Methyl tert-Butyl Ether	3.361	73	12333	0.479	ug/l	98
26) Bromochloromethane	4.952	128	2251	0.493	ug/l	97
27) Chloroform	5.071	83	10558	0.501	ug/l	98
28) 1,1,1-Trichloroethane	5.290	97	7422	0.458	ug/l	99
29) 1,1-Dichloropropene	5.505	75	7177	0.477	ug/l	95
30) Carbon Tetrachloride	5.502	117	5377	0.451	ug/l	99
31) Isopropyl Ether	3.997	45	18385	0.521	ug/l	93
32) Ethyl-t-butyl ether	4.505	59	15347	0.509	ug/l	95
33) Tert-Amyl methyl ether	5.939	73	12717	0.495	ug/l	96
34) Propionitrile	4.772	54	2708	2.749	ug/l	# 92
35) Benzene	5.756	78	21207	0.489	ug/l	98
36) 1,2-Dichloroethane	5.779	62	7138	0.488	ug/l	# 91
37) Trichloroethene	6.525	130	5485	0.509	ug/l	82
38) 1,2-Dichloropropane	6.779	63	5202	0.453	ug/l	96
39) Methacrylonitrile	4.978	41	1921	0.413	ug/l	# 80
40) Methyl acrylate	4.849	55	3231	0.507	ug/l	# 89
41) Tetrahydrofuran	5.058	42	3068	1.266	ug/l	# 82
42) 1-Chlorobutane	5.441	56	10954	0.519	ug/l	89
43) Dibromomethane	6.907	93	2691	0.489	ug/l	91
44) Bromodichloromethane	7.094	83	4947	0.421	ug/l	98

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Quant Time: Sep 16 05:06:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U091225DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Sep 16 05:06:22 2025
 Response via : Initial Calibration

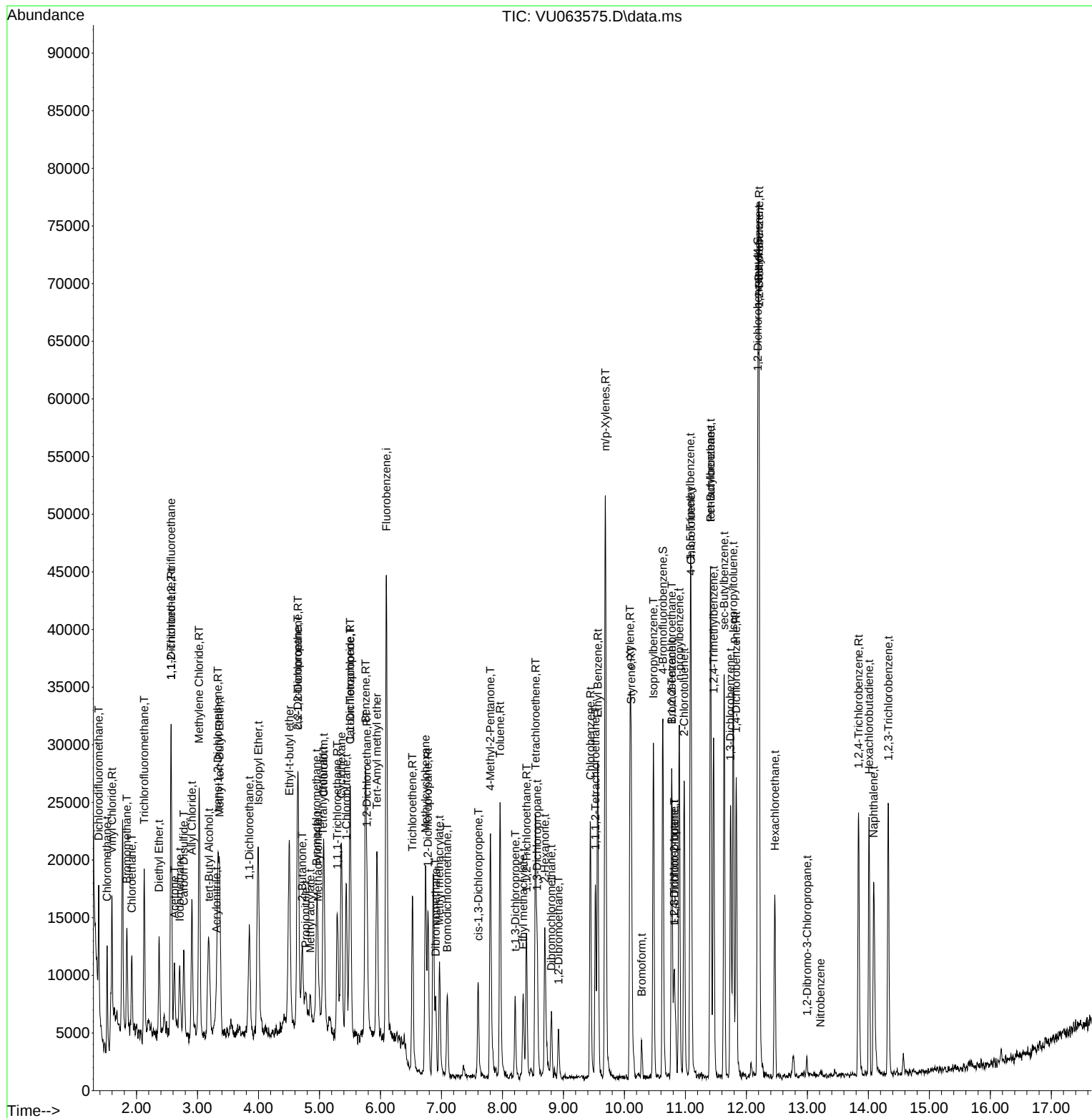
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.801	43	16652	2.416	ug/l	94
46) t-1,4-Dichloro-2-butene	10.820	75	4953	1.920	ug/l #	62
47) Methyl methacrylate	6.965	69	4060	0.825	ug/l	88
48) Ethyl methacrylate	8.341	69	3963	0.434	ug/l	95
49) Toluene	7.962	92	11134	0.473	ug/l	97
50) t-1,3-Dichloropropene	8.209	75	3632	0.412	ug/l	89
51) cis-1,3-Dichloropropene	7.605	75	5023	0.429	ug/l #	93
52) 1,1,2-Trichloroethane	8.396	97	3555	0.456	ug/l	91
53) 1,3-Dichloropropane	8.569	76	6195	0.458	ug/l	100
54) 2-Hexanone	8.695	43	10355	2.056	ug/l	99
55) Dibromochloromethane	8.801	129	2877	0.381	ug/l	97
56) 1,2-Dibromoethane	8.920	107	2806	0.418	ug/l	100
58) Tetrachloroethene	8.544	164	4665	0.439	ug/l	90
59) Chlorobenzene	9.444	112	12472	0.460	ug/l	90
60) 1,1,1,2-Tetrachloroethane	9.528	131	3550	0.401	ug/l	90
61) Pentachloroethane	11.412	117	2699	0.425	ug/l	90
62) Hexachloroethane	12.466	117	2164	0.392	ug/l	84
63) Ethyl Benzene	9.563	91	20694	0.447	ug/l	96
64) m/p-Xylenes	9.688	106	14879	0.837	ug/l	87
65) o-Xylene	10.094	106	7862	0.442	ug/l	96
66) Styrene	10.113	104	11759	0.414	ug/l	95
67) Bromoform	10.283	173	1340	0.356	ug/l #	83
69) Isopropylbenzene	10.476	105	19548	0.453	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.775	83	4952	0.499	ug/l #	94
71) 1,2,3-Trichloropropane	10.820	75	4953	0.674	ug/l #	80
72) Bromobenzene	10.775	156	5048	0.450	ug/l	94
73) n-propylbenzene	10.901	120	5705	0.457	ug/l	96
74) 2-Chlorotoluene	10.981	126	5338	0.473	ug/l	87
75) 1,3,5-Trimethylbenzene	11.081	105	16692	0.413	ug/l	98
76) 4-Chlorotoluene	11.093	126	4938	0.418	ug/l	87
77) tert-Butylbenzene	11.412	119	17015	0.436	ug/l	98
78) 1,2,4-Trimethylbenzene	11.463	105	17435	0.443	ug/l	97
79) sec-Butylbenzene	11.637	105	23426	0.443	ug/l	98
80) Nitrobenzene	13.216	77	533	3.914	ug/l #	42
81) p-Isopropyltoluene	11.785	119	18667	0.438	ug/l	97
82) 1,3-Dichlorobenzene	11.740	146	10517	0.466	ug/l	99
83) 1,4-Dichlorobenzene	11.833	146	10739	0.464	ug/l	98
84) n-Butylbenzene	12.203	91	20265	0.508	ug/l	96
85) 1,2-Dichlorobenzene	12.209	146	10207	0.469	ug/l	94
86) 1,2-Dibromo-3-Chloropr...	12.997	75	416	0.325	ug/l	98
87) 1,2,4-Trichlorobenzene	13.839	180	7556	0.574	ug/l	96
88) Hexachlorobutadiene	14.013	225	4048	0.494	ug/l	96
89) Naphthalene	14.087	128	17806	0.765	ug/l	99
90) 1,2,3-Trichlorobenzene	14.328	180	7652	0.612	ug/l	95

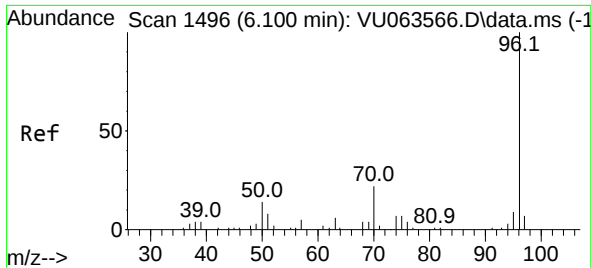
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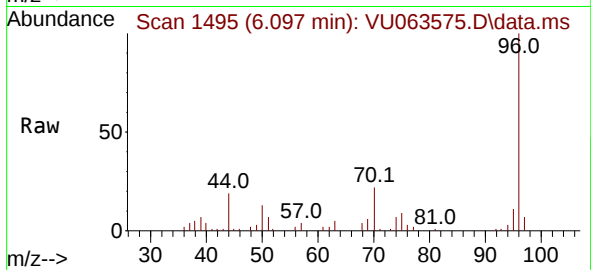
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 QLast Update : Tue Sep 16 05:06:22 2025
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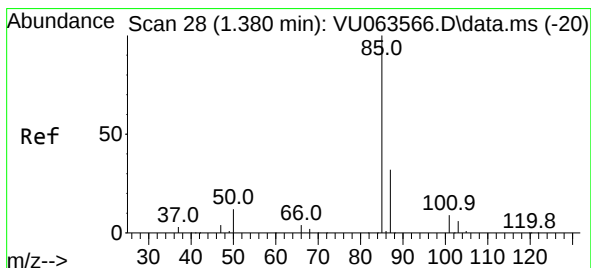
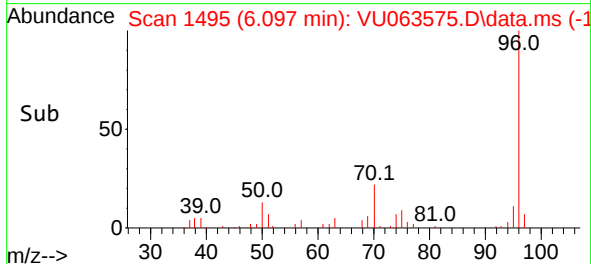
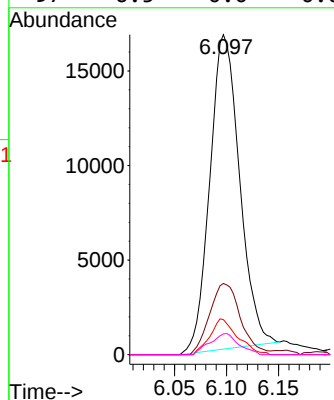


#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.097 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11

Instrument :
MSVOA_U
ClientSampleId :

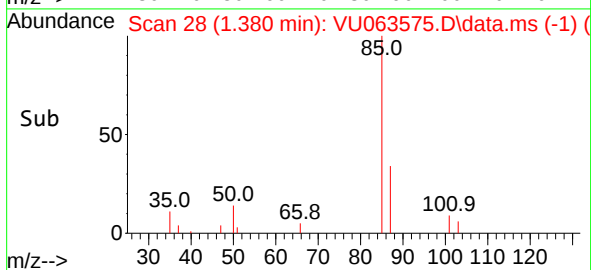
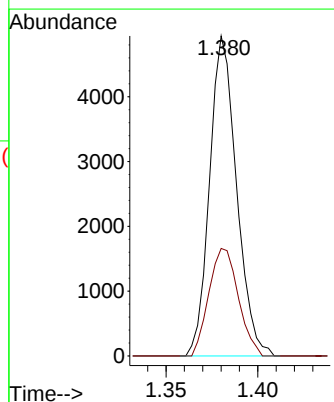
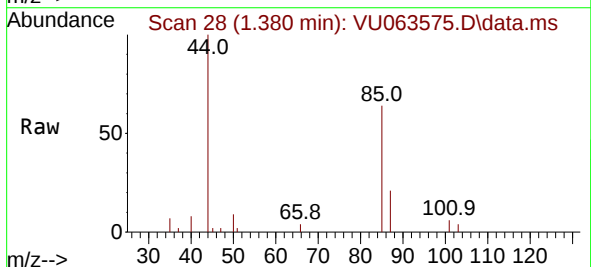


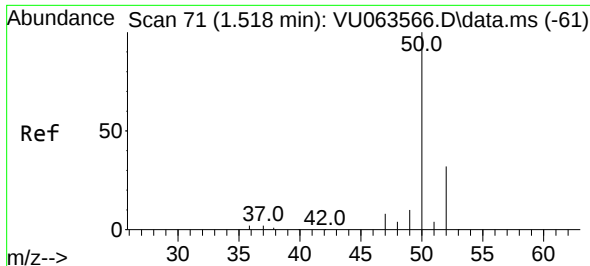
Tgt Ion: 96	Resp: 33109
Ion Ratio	Lower Upper
96 100	
70 22.2	15.5 23.3
95 10.6	7.7 11.5
97 6.5	0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 0.461 ug/l
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11

Tgt Ion: 85	Resp: 5039
Ion Ratio	Lower Upper
85 100	
87 33.6	16.1 48.2

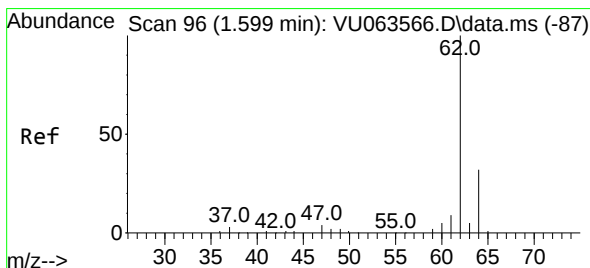
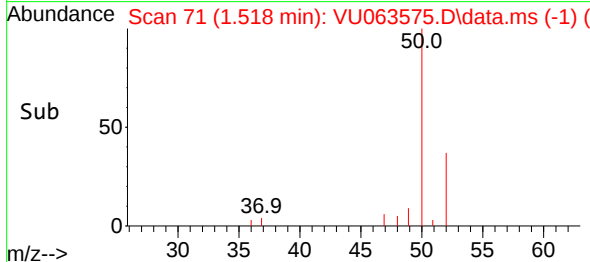
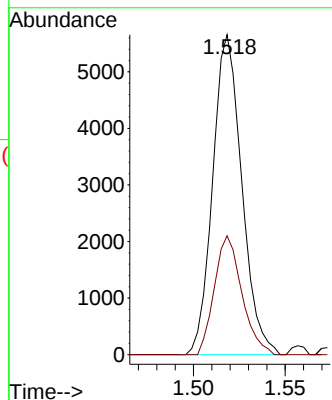
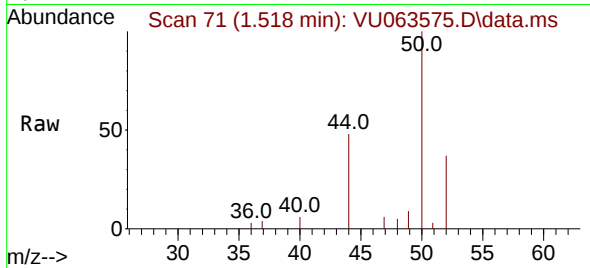




#3
Chloromethane
Concen: 0.583 ug/l
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11

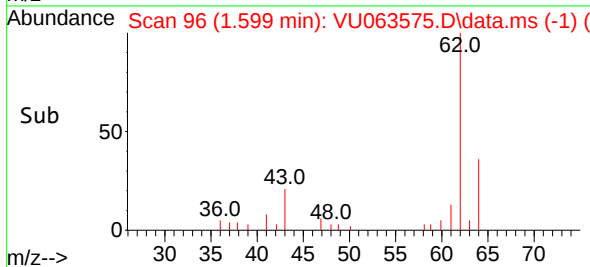
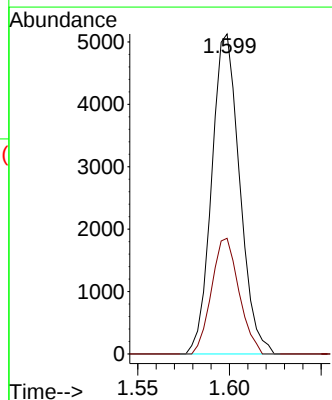
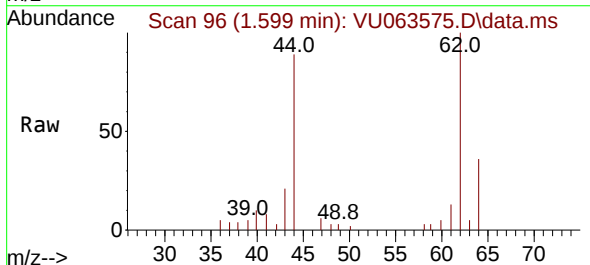
Instrument :
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ClientSampleId :

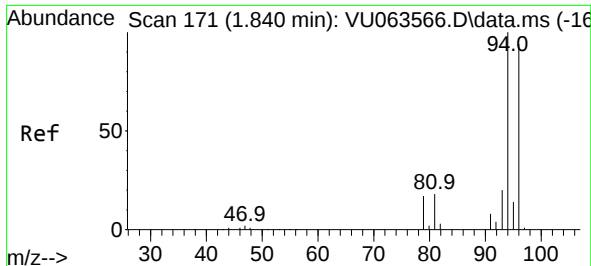
Tgt Ion: 50 Resp: 6233
Ion Ratio Lower Upper
50 100
52 37.1 25.6 38.4



#4
Vinyl Chloride
Concen: 0.469 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11

Tgt Ion: 62 Resp: 5439
Ion Ratio Lower Upper
62 100
64 36.1 25.5 38.3

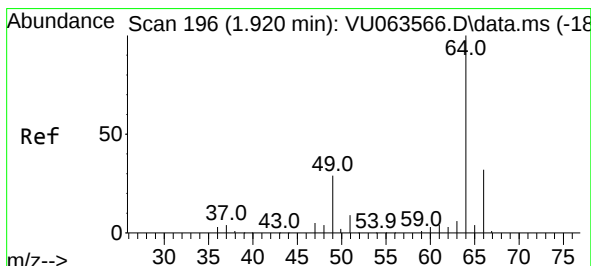
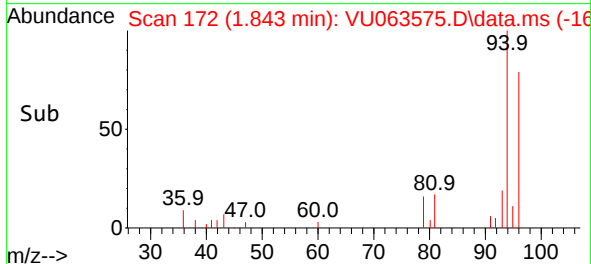
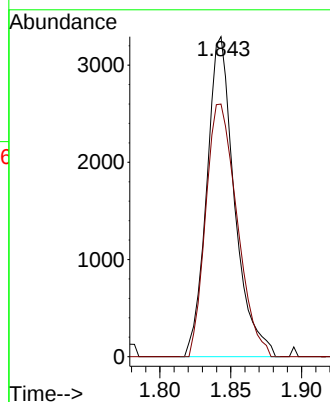
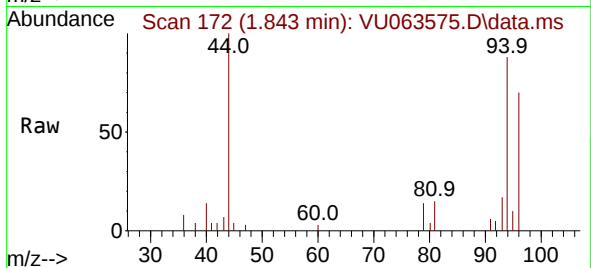




#5
Bromomethane
Concen: 0.626 ug/l
RT: 1.843 min Scan# 171
Delta R.T. 0.003 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11

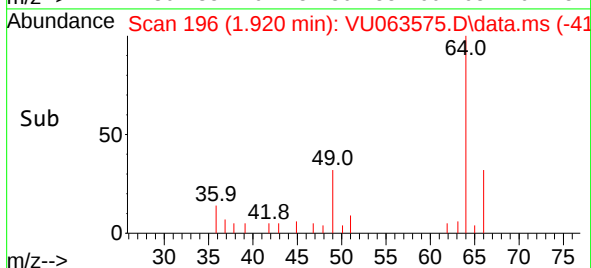
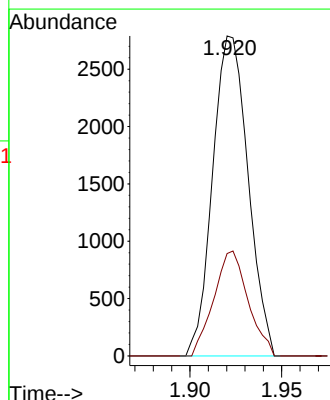
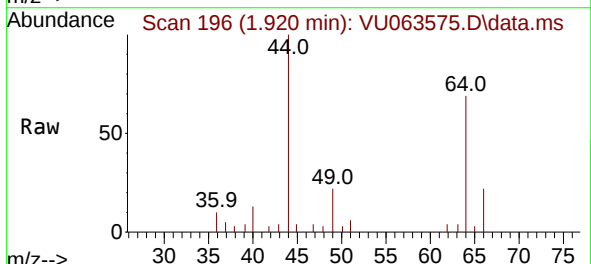
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ClientSampleId :

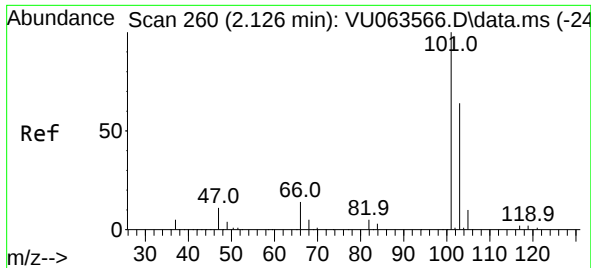
Tgt Ion: 94 Resp: 4481
Ion Ratio Lower Upper
94 100
96 79.0 75.1 112.7



#6
Chloroethane
Concen: 0.502 ug/l
RT: 1.920 min Scan# 196
Delta R.T. -0.000 min
Lab File: VU063575.D
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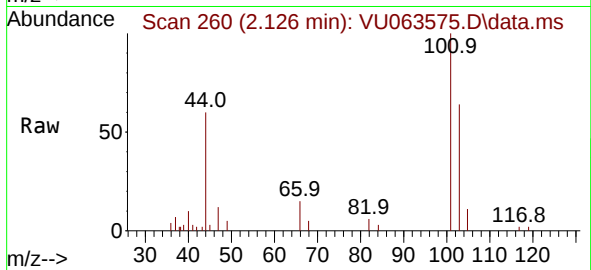
Tgt Ion: 64 Resp: 3742
Ion Ratio Lower Upper
64 100
66 32.0 25.4 38.0



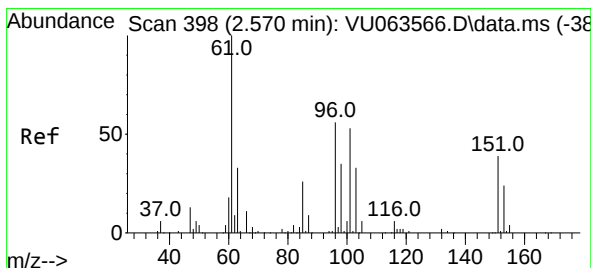
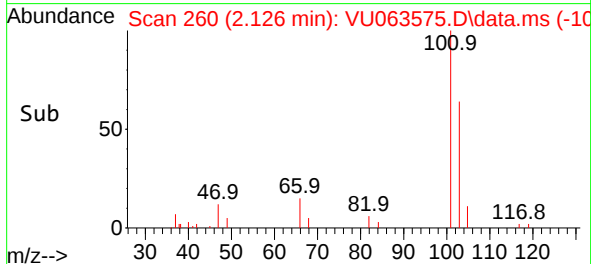
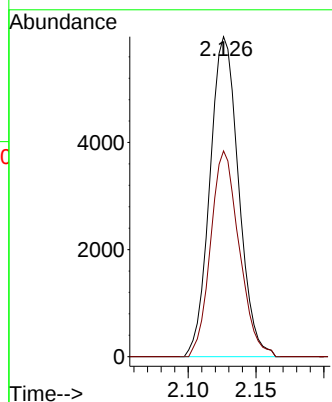


#7
 Trichlorofluoromethane
 Concen: 0.518 ug/l
 RT: 2.126 min Scan# 210
 Delta R.T. -0.000 min
 Lab File: VU063575.D
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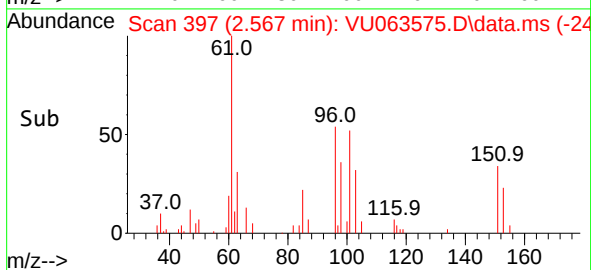
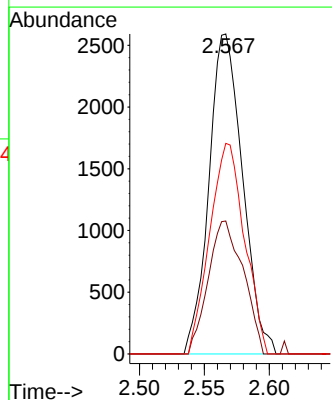
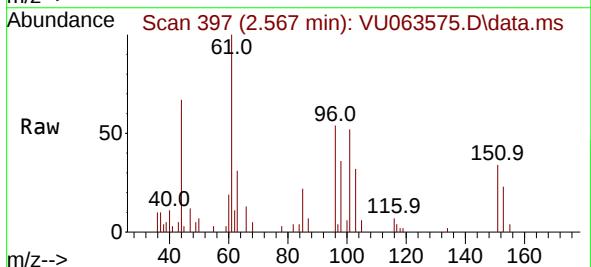


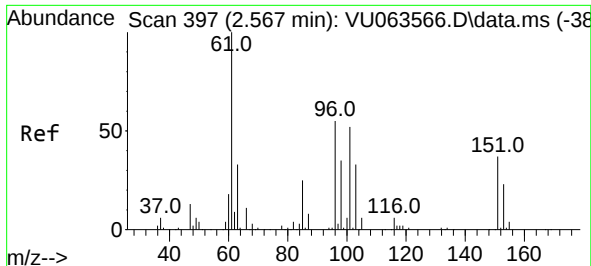
Tgt Ion:101 Resp: 8806
 Ion Ratio Lower Upper
 101 100
 103 64.3 50.8 76.2



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.490 ug/l
 RT: 2.567 min Scan# 397
 Delta R.T. -0.003 min
 Lab File: VU063575.D
 Acq: 15 Sep 2025 13:11

Tgt Ion:101 Resp: 4668
 Ion Ratio Lower Upper
 101 100
 85 43.3 38.7 58.1
 151 68.0 58.2 87.2

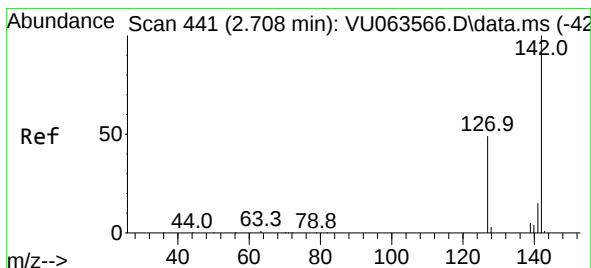
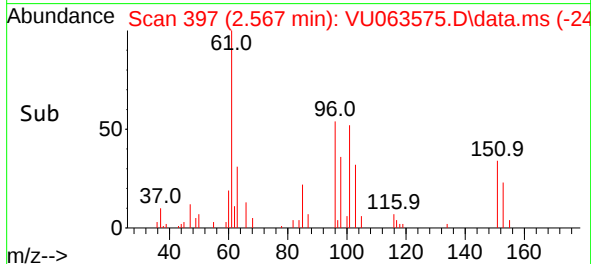
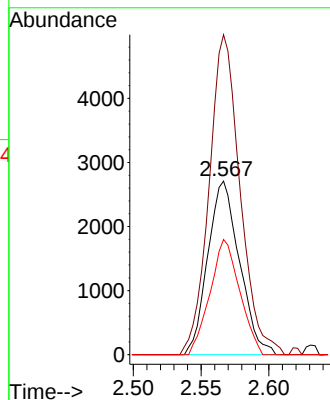
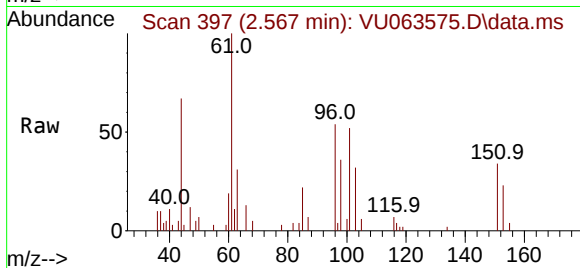




#9
 1,1-Dichloroethene
 Concen: 0.510 ug/l
 RT: 2.567 min Scan# 397
 Delta R.T. -0.000 min
 Lab File: VU063575.D
 Acq: 15 Sep 2025 13:11

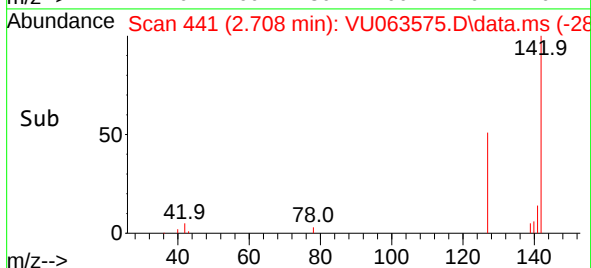
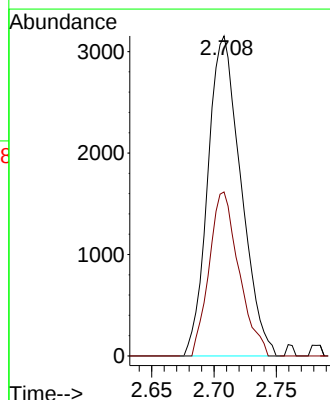
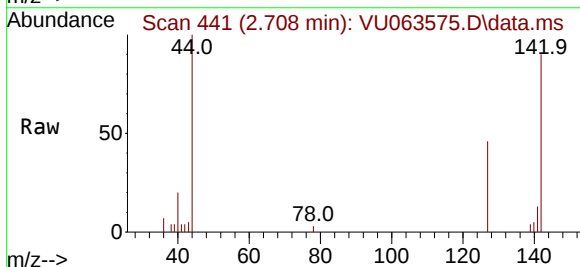
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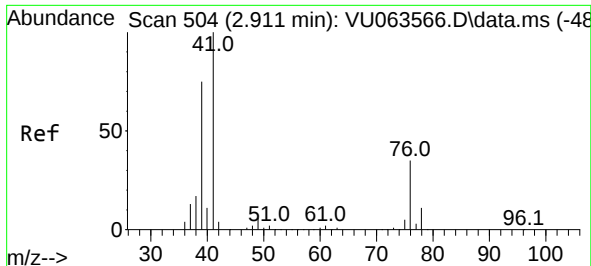
Tgt Ion:	96	Resp:	4404
Ion	Ratio	Lower	Upper
96	100		
61	184.3	0.0	543.9
98	66.4	0.0	125.8



#10
 Iodomethane
 Concen: 0.469 ug/l
 RT: 2.708 min Scan# 441
 Delta R.T. -0.000 min
 Lab File: VU063575.D
 Acq: 15 Sep 2025 13:11

Tgt Ion:	142	Resp:	5824
Ion	Ratio	Lower	Upper
142	100		
127	46.1	38.6	58.0

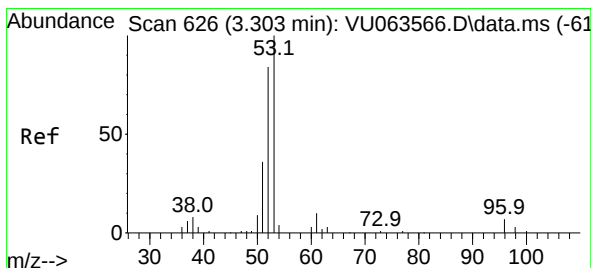
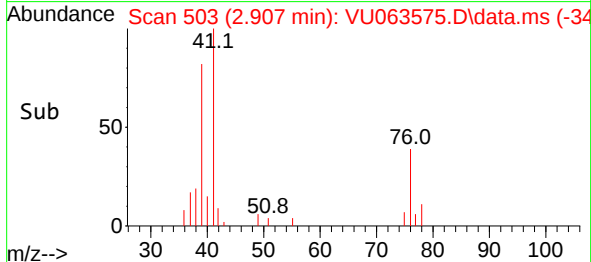
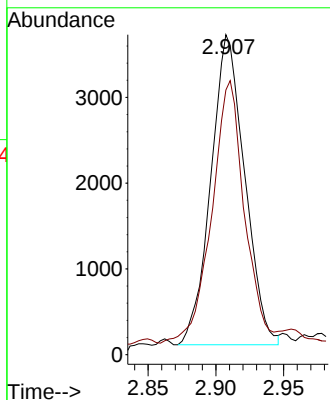
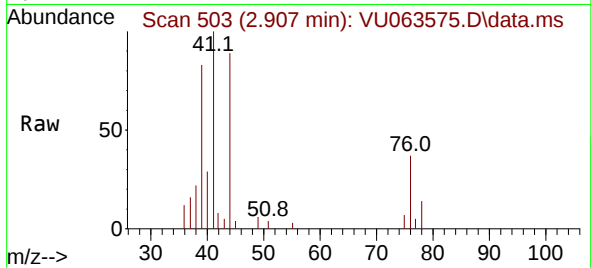




#11
 Allyl Chloride
 Concen: 0.437 ug/l
 RT: 2.907 min Scan# 504
 Delta R.T. -0.003 min
 Lab File: VU063575.D
 Acq: 15 Sep 2025 13:11

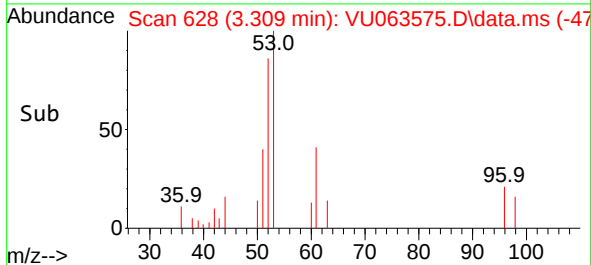
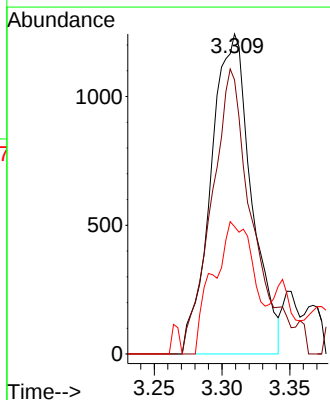
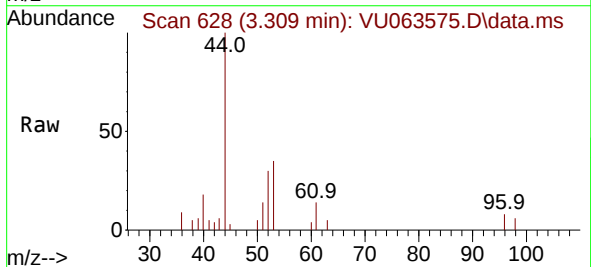
Instrument :
 MSVOA_U
 ClientSampleId :

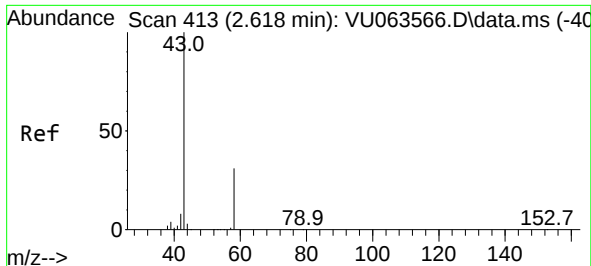
Tgt Ion: 41 Resp: 6276
 Ion Ratio Lower Upper
 41 100
 39 81.3 61.2 91.8



#12
 Acrylonitrile
 Concen: 0.988 ug/l
 RT: 3.309 min Scan# 628
 Delta R.T. 0.006 min
 Lab File: VU063575.D
 Acq: 15 Sep 2025 13:11

Tgt Ion: 53 Resp: 2580
 Ion Ratio Lower Upper
 53 100
 52 91.7 65.0 97.4
 51 41.5 31.2 46.8

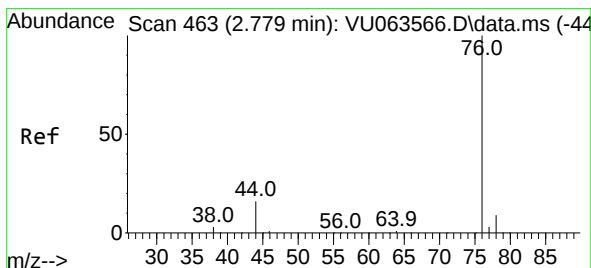
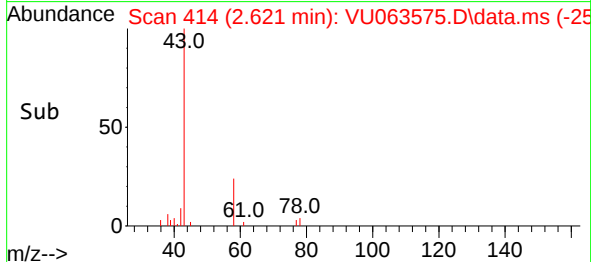
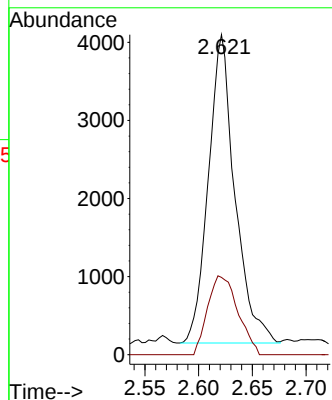
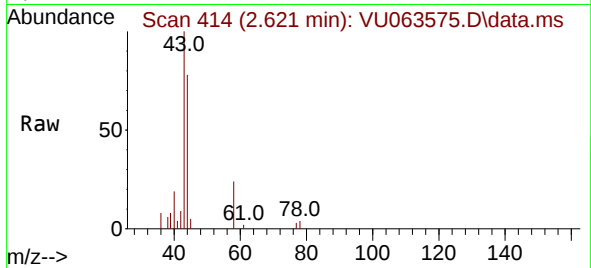




#13
Acetone
Concen: 1.834 ug/l
RT: 2.621 min Scan# 413
Delta R.T. 0.003 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11

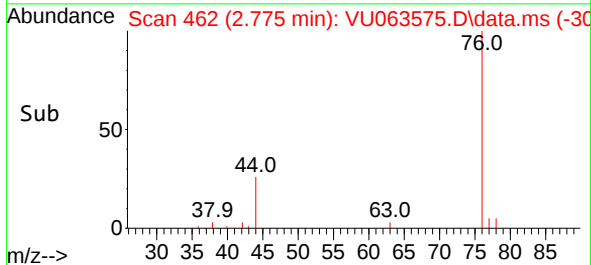
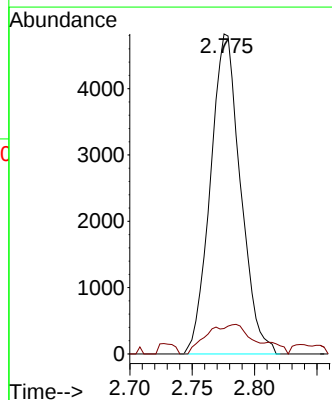
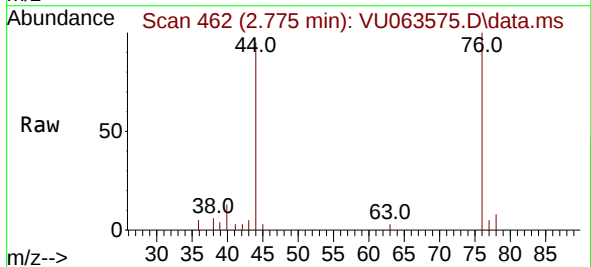
Instrument :
MSVOA_U
ClientSampleId :

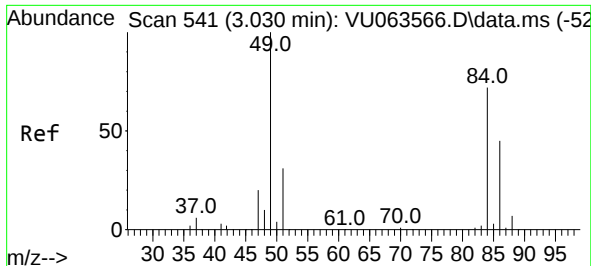
Tgt Ion: 43 Resp: 6779
Ion Ratio Lower Upper
43 100
58 25.1 24.7 37.1



#14
Carbon Disulfide
Concen: 0.450 ug/l
RT: 2.775 min Scan# 462
Delta R.T. -0.003 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11

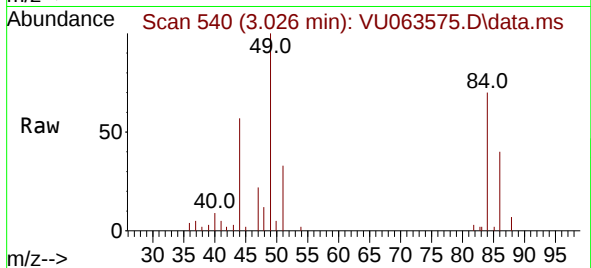
Tgt Ion: 76 Resp: 8117
Ion Ratio Lower Upper
76 100
78 8.0 7.3 10.9



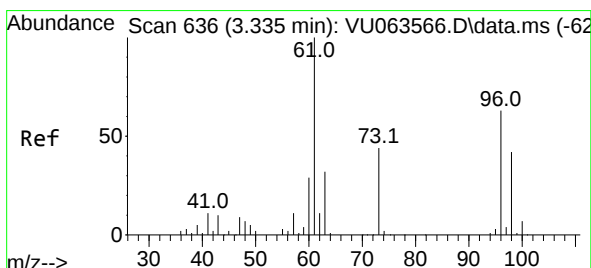
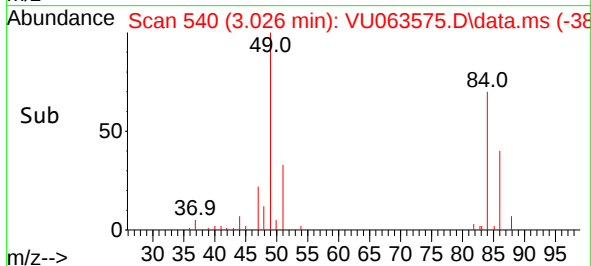
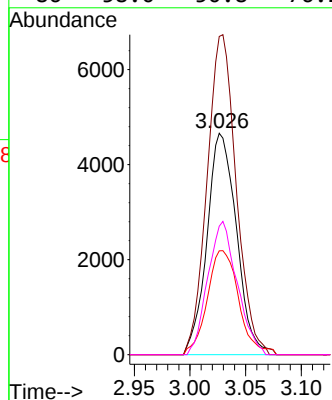


#15
Methylene Chloride
Concen: 0.755 ug/l
RT: 3.026 min Scan# 541
Delta R.T. -0.003 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11

Instrument :
MSVOA_U
ClientSampleId :

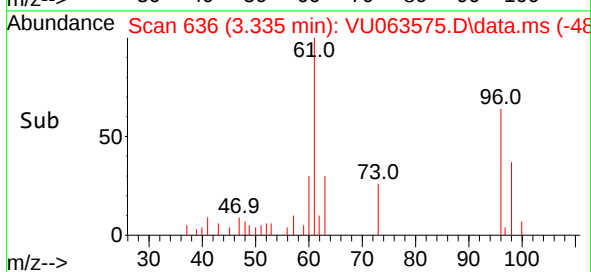
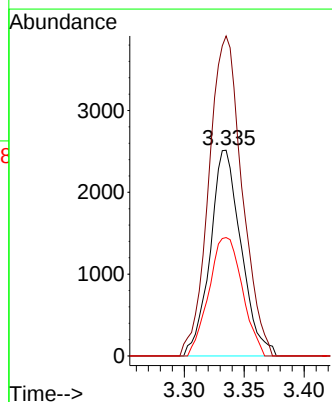
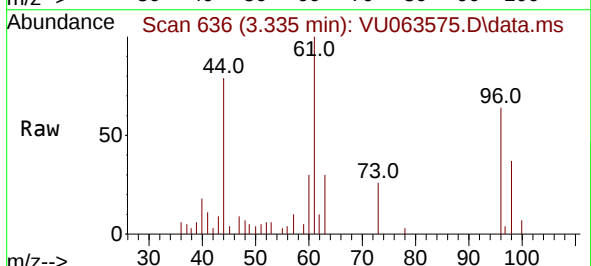


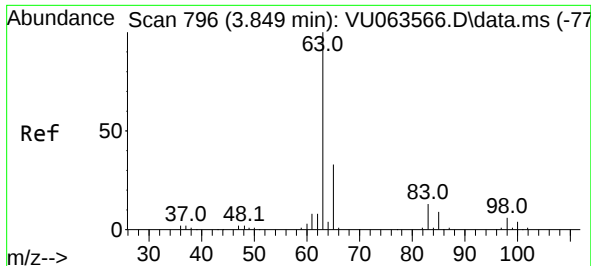
Tgt Ion:	84	Resp:	8603
Ion	Ratio	Lower	Upper
84	100		
49	143.7	111.8	167.6
51	46.9	0.0	86.0
86	58.0	50.8	76.2



#16
trans-1,2-Dichloroethene
Concen: 0.490 ug/l
RT: 3.335 min Scan# 636
Delta R.T. -0.000 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11

Tgt Ion:	96	Resp:	4504
Ion	Ratio	Lower	Upper
96	100		
61	155.6	127.8	191.6
98	57.6	53.8	80.8





#17

1,1-Dichloroethane

Concen: 0.493 ug/l

RT: 3.849 min Scan# 796

Delta R.T. -0.000 min

Lab File: VU063575.D

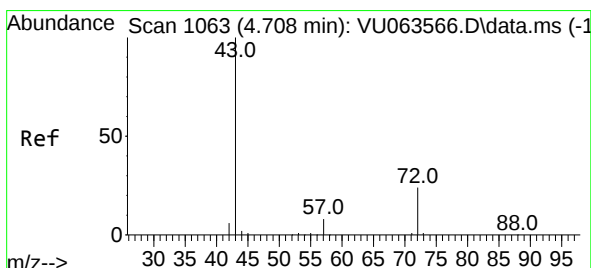
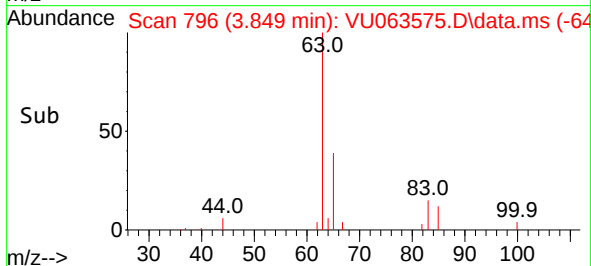
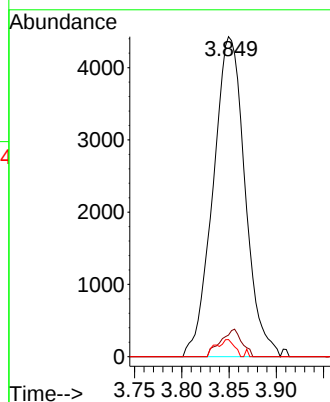
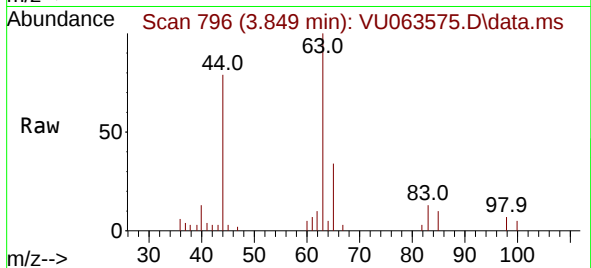
Acq: 15 Sep 2025 13:11

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	10387
Ion Ratio	Lower	Upper	
63	100		
98	6.7	2.9	8.8
100	5.4	2.0	5.8



#18

2-Butanone

Concen: 2.183 ug/l

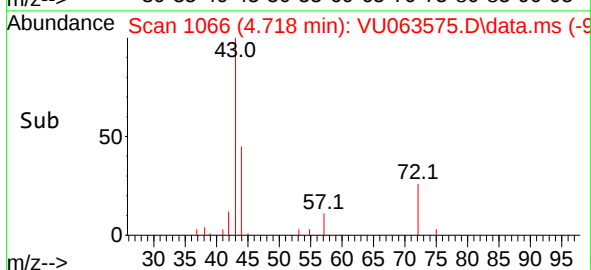
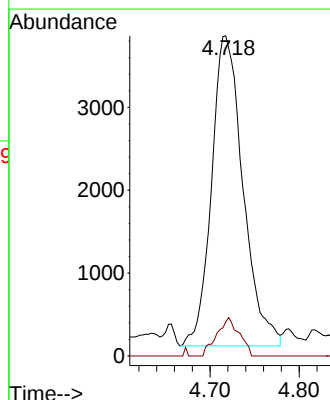
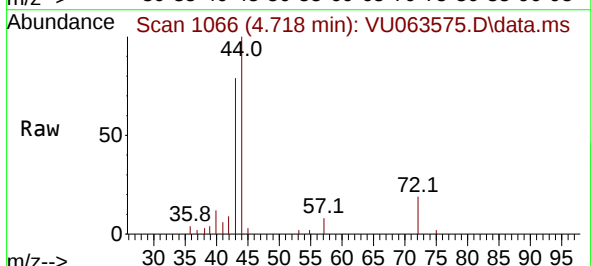
RT: 4.718 min Scan# 1066

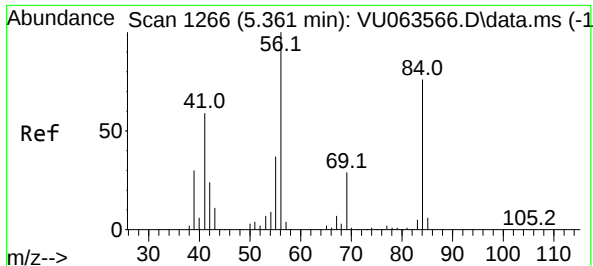
Delta R.T. 0.010 min

Lab File: VU063575.D

Acq: 15 Sep 2025 13:11

Tgt Ion:	43	Resp:	9193
Ion Ratio	Lower	Upper	
43	100		
57	11.0	0.0	15.8





#19

Cyclohexane

Concen: 0.454 ug/l

RT: 5.357 min Scan# 1265

Delta R.T. -0.003 min

Lab File: VU063575.D

Acq: 15 Sep 2025 13:11

Instrument :

MSVOA_U

ClientSampleId :

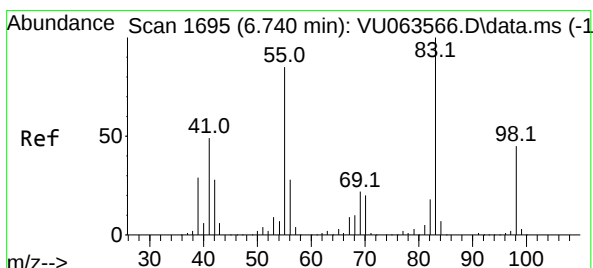
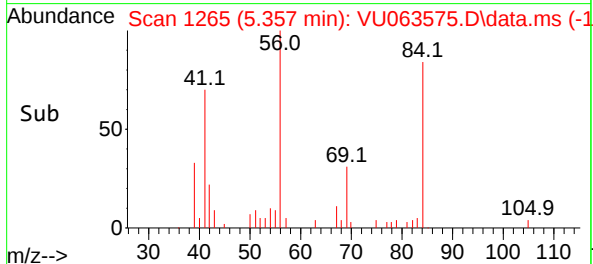
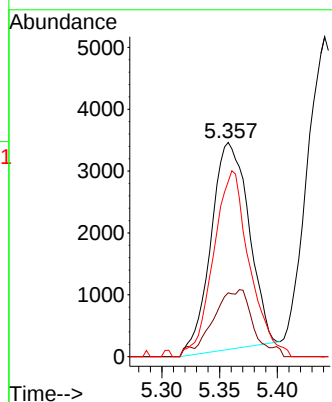
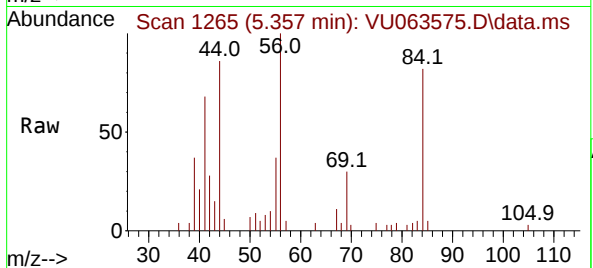
Tgt Ion: 56 Resp: 7653

Ion Ratio Lower Upper

56 100

69 34.4 22.7 34.1#

84 85.0 59.4 89.0



#20

Methylcyclohexane

Concen: 0.451 ug/l

RT: 6.737 min Scan# 1694

Delta R.T. -0.003 min

Lab File: VU063575.D

Acq: 15 Sep 2025 13:11

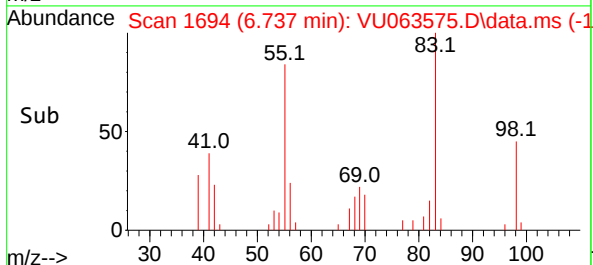
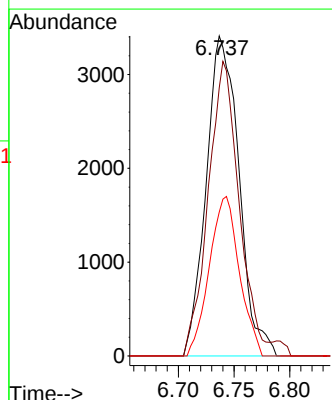
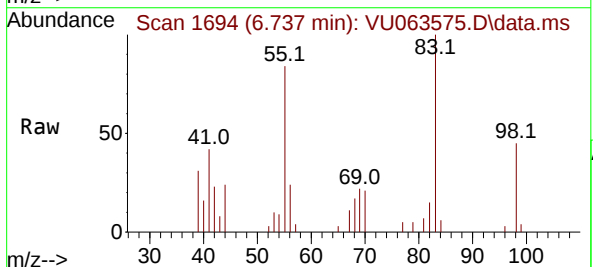
Tgt Ion: 83 Resp: 6978

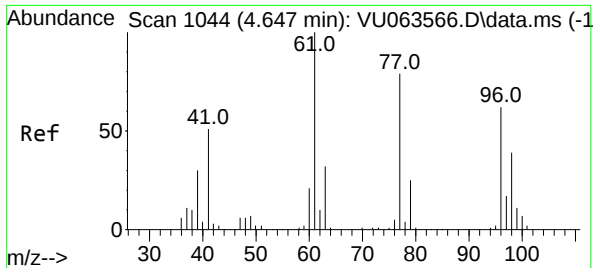
Ion Ratio Lower Upper

83 100

55 82.0 66.7 100.1

98 45.7 35.9 53.9





#21

2,2-Dichloropropane

Concen: 0.467 ug/l

RT: 4.644 min Scan# 1043

Delta R.T. -0.003 min

Lab File: VU063575.D

Acq: 15 Sep 2025 13:11

Instrument :

MSVOA_U

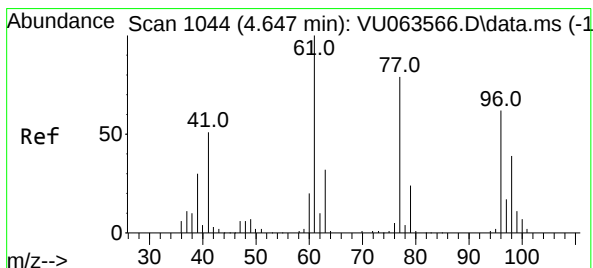
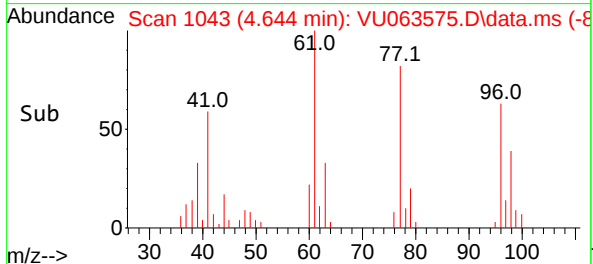
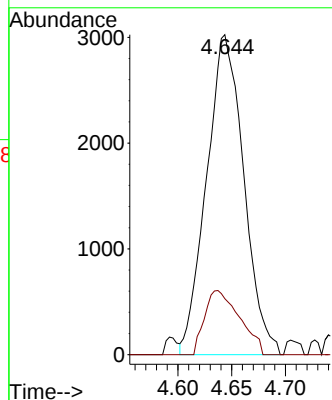
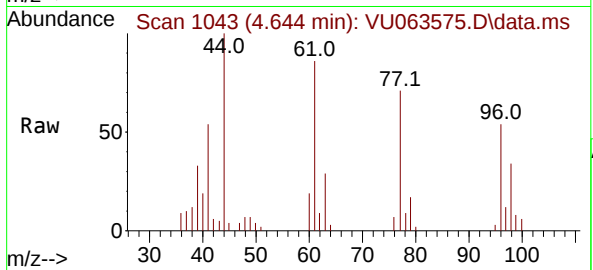
ClientSampleId :

Tgt Ion: 77 Resp: 7282

Ion Ratio Lower Upper

77 100

97 18.9 17.5 26.3



#22

cis-1,2-Dichloroethene

Concen: 0.499 ug/l

RT: 4.650 min Scan# 1045

Delta R.T. 0.003 min

Lab File: VU063575.D

Acq: 15 Sep 2025 13:11

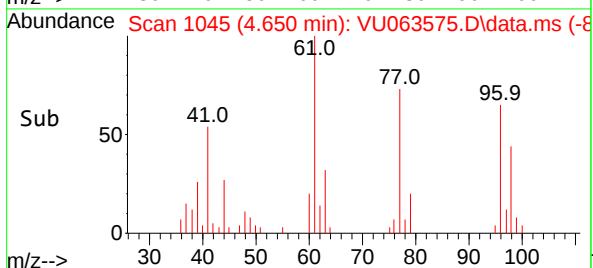
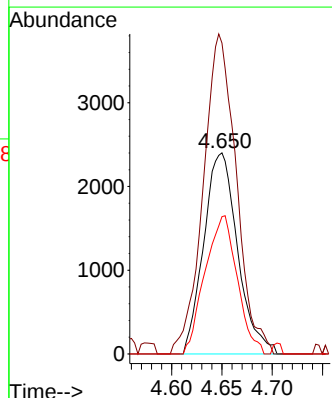
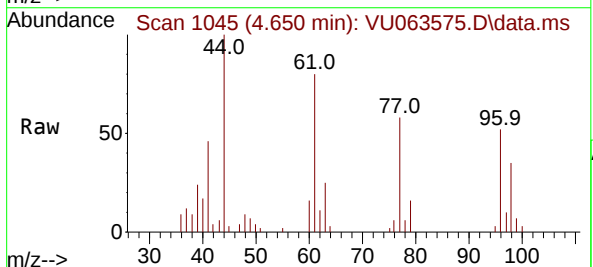
Tgt Ion: 96 Resp: 5627

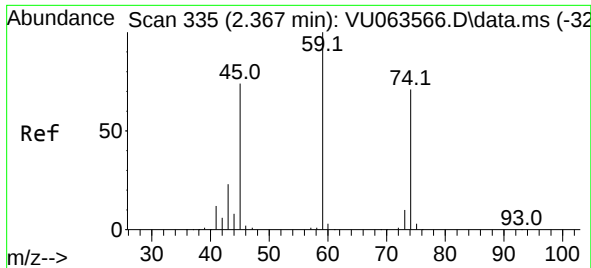
Ion Ratio Lower Upper

96 100

61 155.0 0.0 411.0

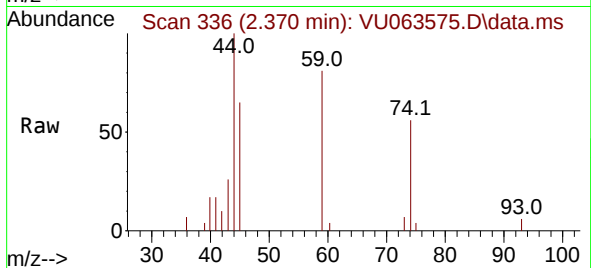
98 65.3 31.9 95.9



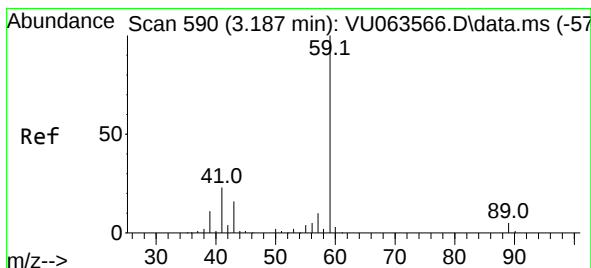
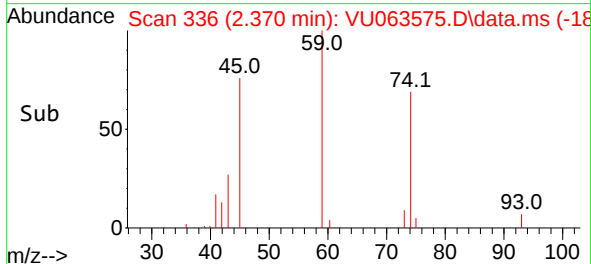
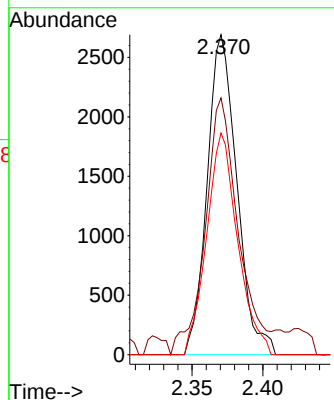


#23
Diethyl Ether
Concen: 0.513 ug/l
RT: 2.370 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11

Instrument :
MSVOA_U
ClientSampleId :

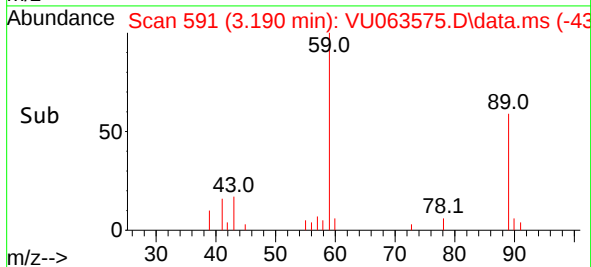
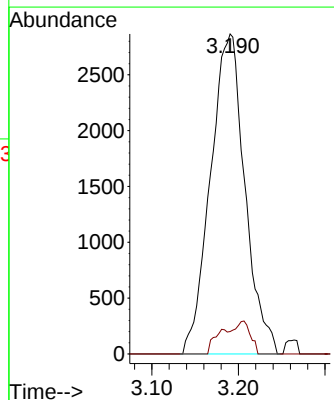
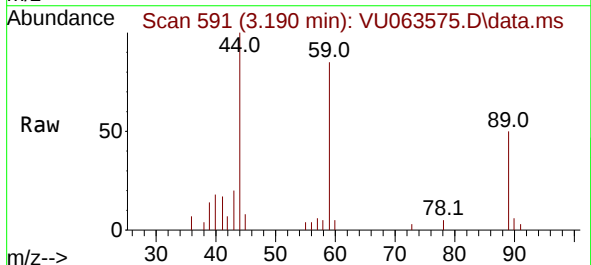


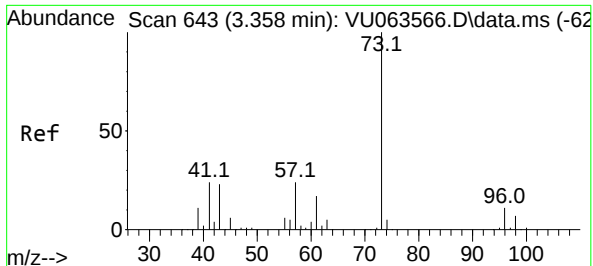
Tgt Ion: 59 Resp: 3920
Ion Ratio Lower Upper
59 100
45 89.2 59.0 88.6#
74 72.6 57.8 86.6



#24
tert-Butyl Alcohol
Concen: 7.811 ug/l
RT: 3.190 min Scan# 591
Delta R.T. 0.003 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11

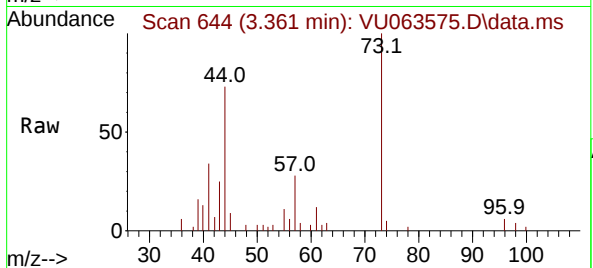
Tgt Ion: 59 Resp: 7917
Ion Ratio Lower Upper
59 100
57 3.0 8.6 12.8#



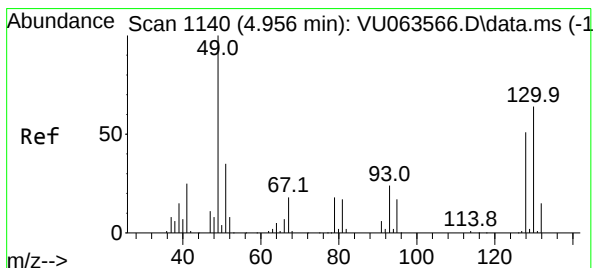
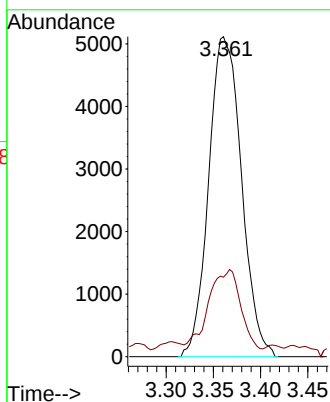
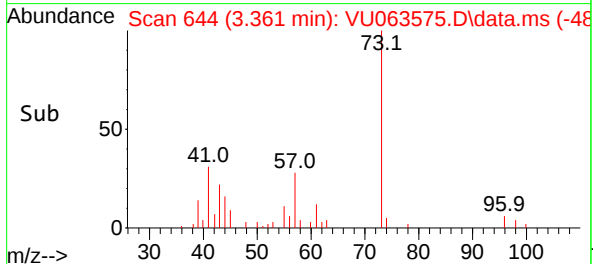


#25
Methyl tert-Butyl Ether
Concen: 0.479 ug/l
RT: 3.361 min Scan# 64
Delta R.T. 0.003 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11

Instrument :
MSVOA_U
ClientSampleId :

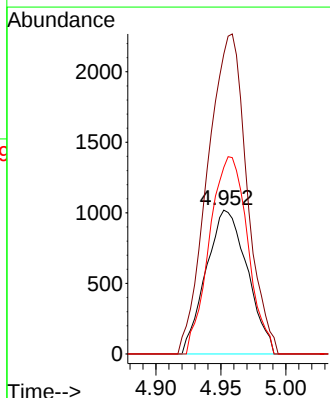
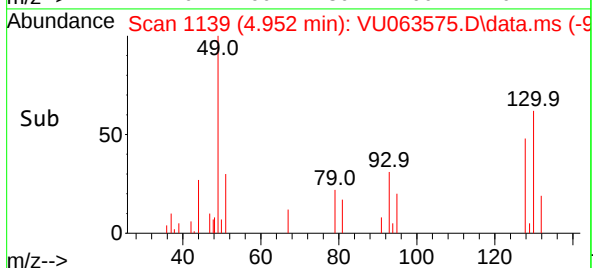
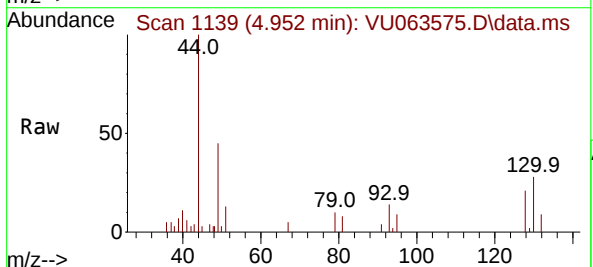


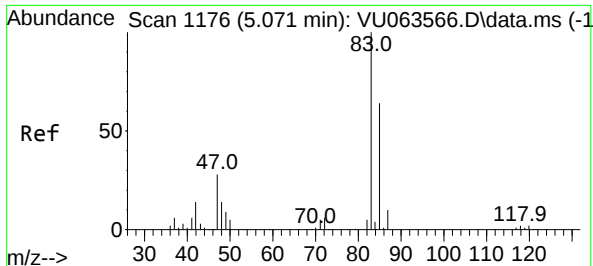
Tgt Ion: 73 Resp: 12333
Ion Ratio Lower Upper
73 100
43 23.7 18.1 27.1



#26
Bromochloromethane
Concen: 0.493 ug/l
RT: 4.952 min Scan# 1139
Delta R.T. -0.003 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11

Tgt Ion: 128 Resp: 2251
Ion Ratio Lower Upper
128 100
49 211.9 0.0 410.2
130 127.0 103.4 155.0





#27

Chloroform

Concen: 0.501 ug/l

RT: 5.071 min Scan# 1176

Delta R.T. -0.000 min

Lab File: VU063575.D

Acq: 15 Sep 2025 13:11

Instrument :

MSVOA_U

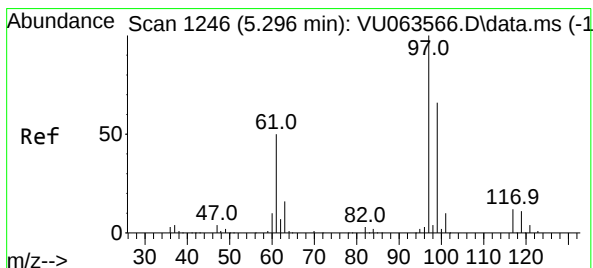
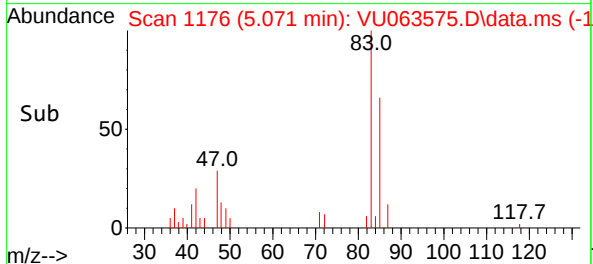
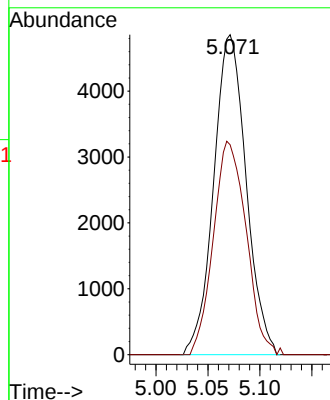
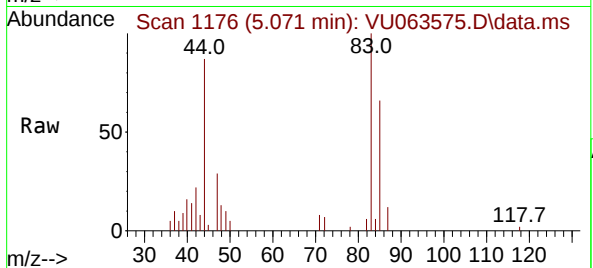
ClientSampleId :

Tgt Ion: 83 Resp: 10558

Ion Ratio Lower Upper

83 100

85 65.6 0.0 128.6



#28

1,1,1-Trichloroethane

Concen: 0.458 ug/l

RT: 5.290 min Scan# 1244

Delta R.T. -0.006 min

Lab File: VU063575.D

Acq: 15 Sep 2025 13:11

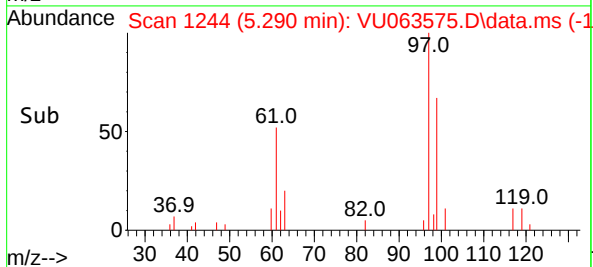
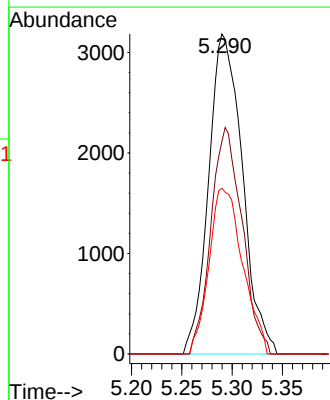
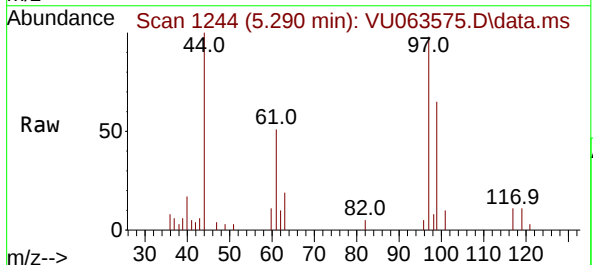
Tgt Ion: 97 Resp: 7422

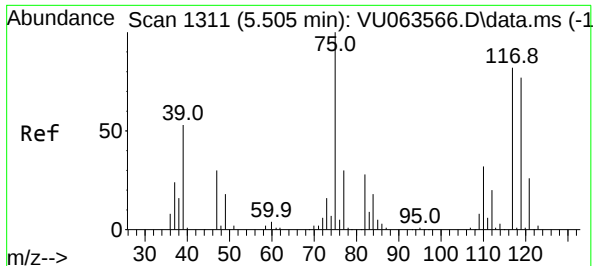
Ion Ratio Lower Upper

97 100

99 65.3 32.4 97.0

61 51.7 25.1 75.4

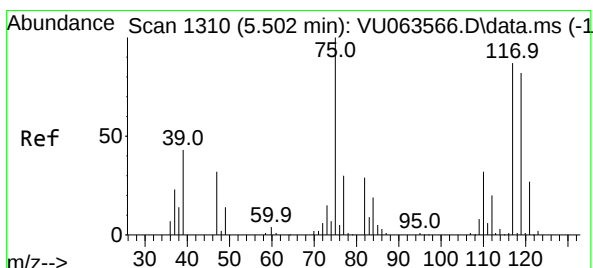
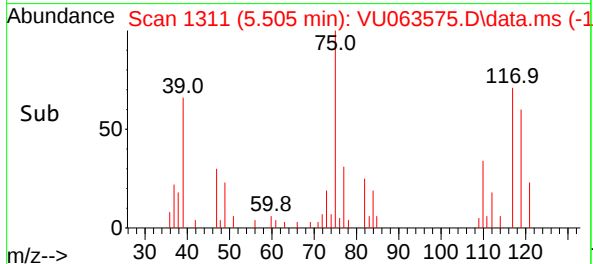
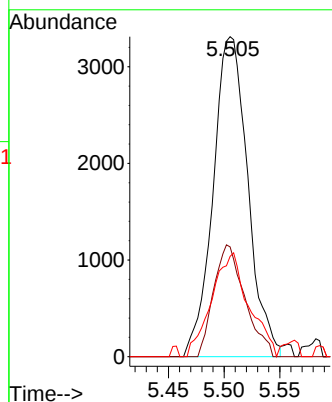
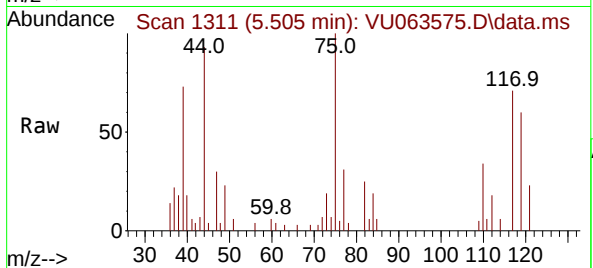




#29
1,1-Dichloropropene
Concen: 0.477 ug/l
RT: 5.505 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11

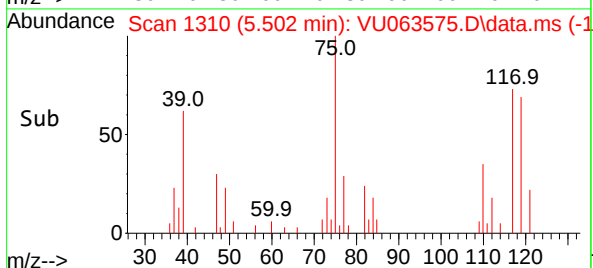
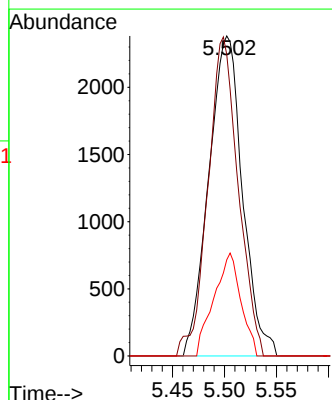
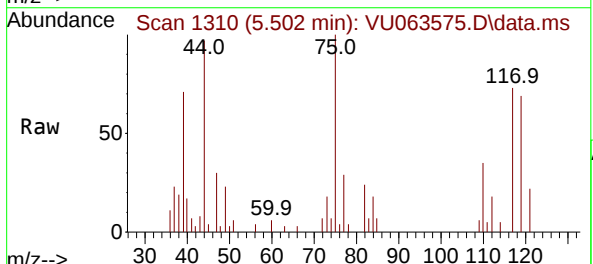
Instrument :
MSVOA_U
ClientSampleId :

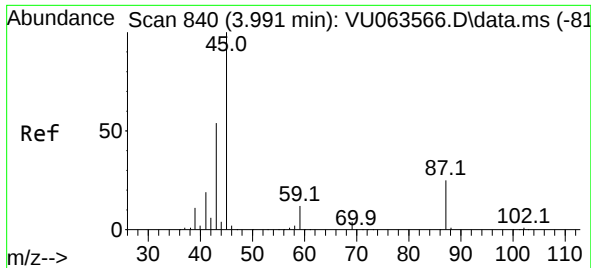
Tgt Ion:	75	Resp:	7177
Ion	Ratio	Lower	Upper
75	100		
110	31.4	16.4	49.4
77	34.7	24.6	37.0



#30
Carbon Tetrachloride
Concen: 0.451 ug/l
RT: 5.502 min Scan# 1310
Delta R.T. -0.000 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11

Tgt Ion:	117	Resp:	5377
Ion	Ratio	Lower	Upper
117	100		
119	94.2	75.7	113.5
121	30.1	25.4	38.0

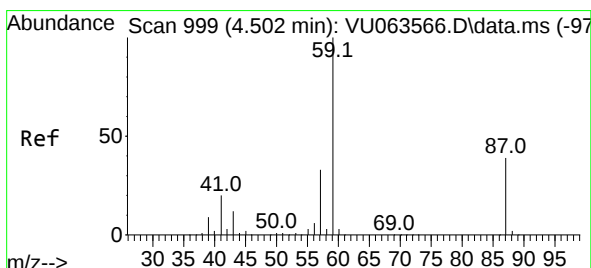
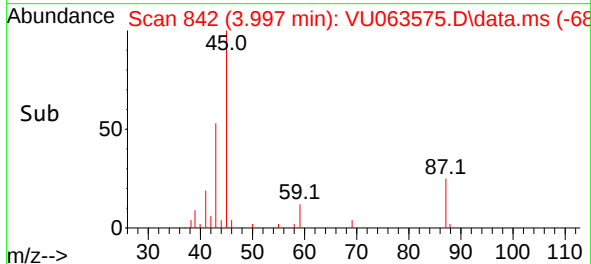
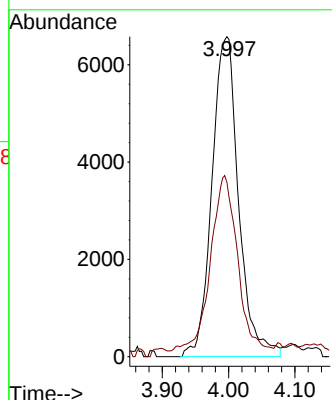
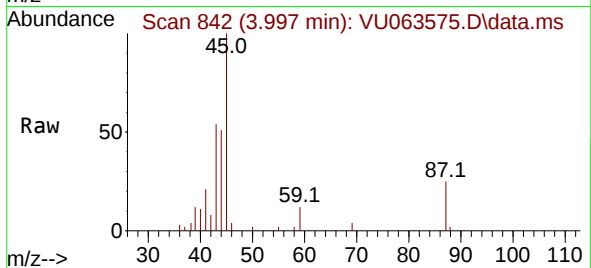




#31
Isopropyl Ether
Concen: 0.521 ug/l
RT: 3.997 min Scan# 84
Delta R.T. 0.006 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11

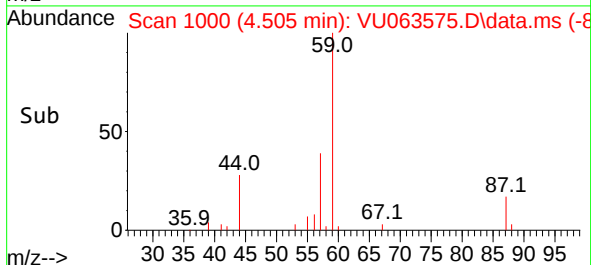
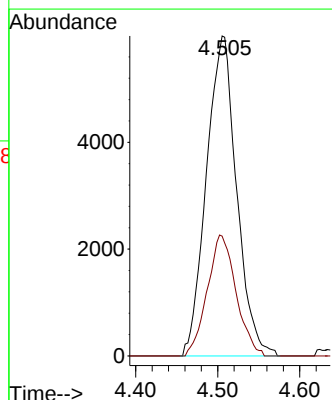
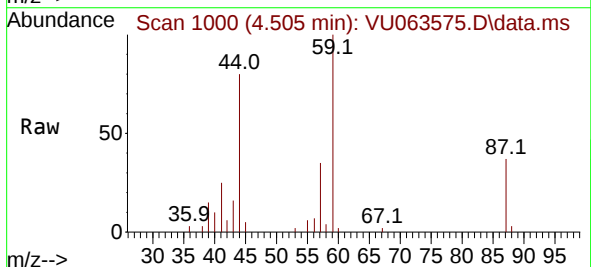
Instrument :
MSVOA_U
ClientSampleId :

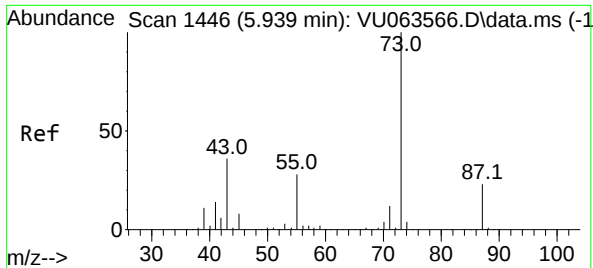
Tgt Ion: 45 Resp: 18385
Ion Ratio Lower Upper
45 100
43 57.1 26.2 78.6



#32
Ethyl-t-butyl ether
Concen: 0.509 ug/l
RT: 4.505 min Scan# 1000
Delta R.T. 0.003 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11

Tgt Ion: 59 Resp: 15347
Ion Ratio Lower Upper
59 100
87 35.9 31.2 46.8

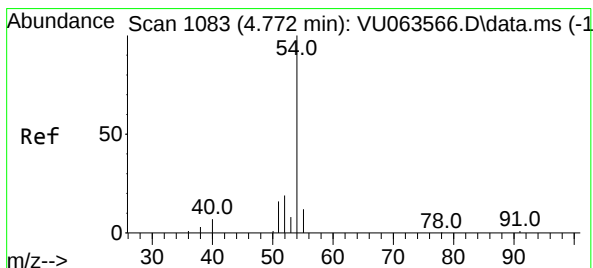
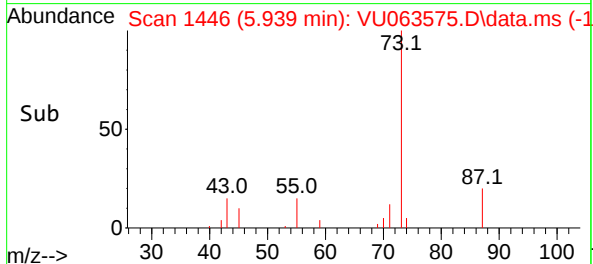
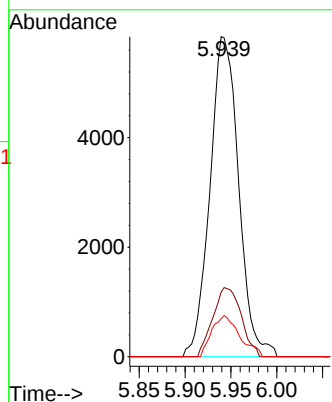
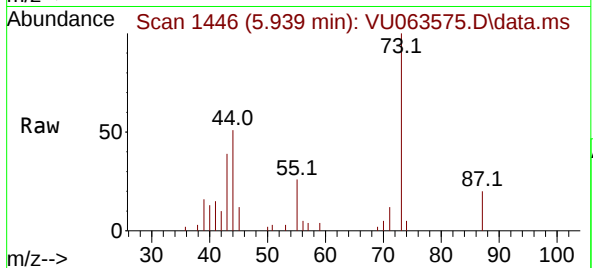




#33
Tert-Amyl methyl ether
Concen: 0.495 ug/l
RT: 5.939 min Scan# 1446
Delta R.T. -0.000 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11

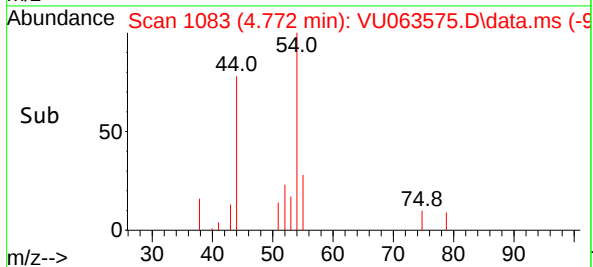
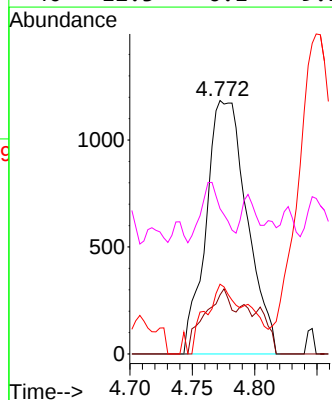
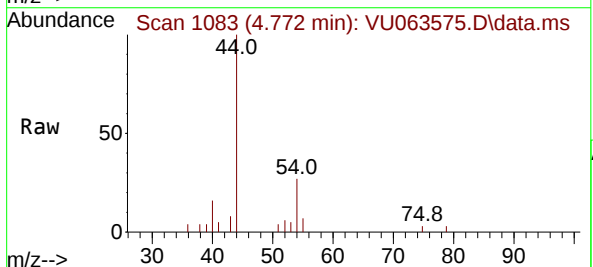
Instrument :
MSVOA_U
ClientSampleId :

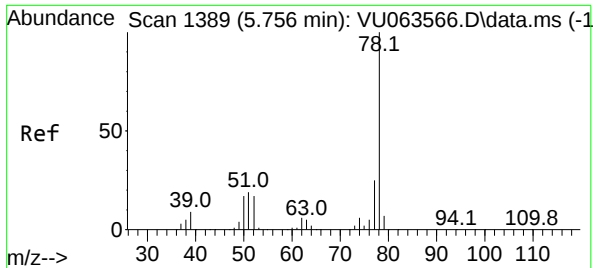
Tgt Ion: 73	Resp: 12717
Ion Ratio	Lower Upper
73	100
87	21.3 19.0 28.6
71	12.5 9.4 14.2



#34
Propionitrile
Concen: 2.749 ug/l
RT: 4.772 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11

Tgt Ion: 54	Resp: 2708
Ion Ratio	Lower Upper
54	100
52	17.7 15.2 22.8
55	20.1 11.7 17.5#
40	12.3 6.1 9.1#

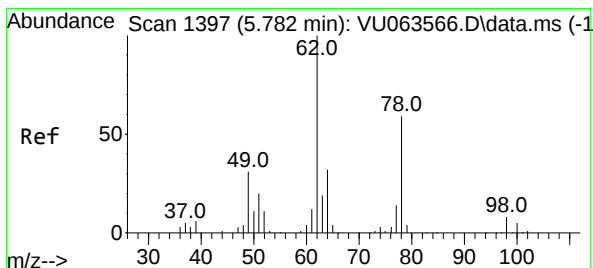
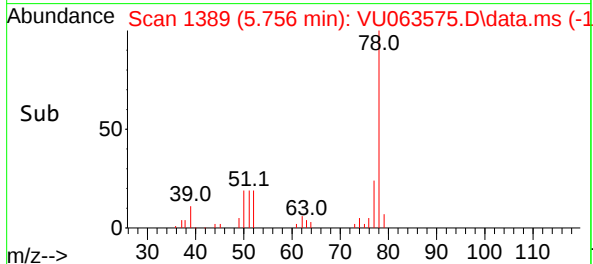
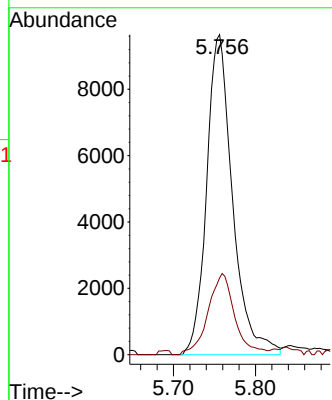
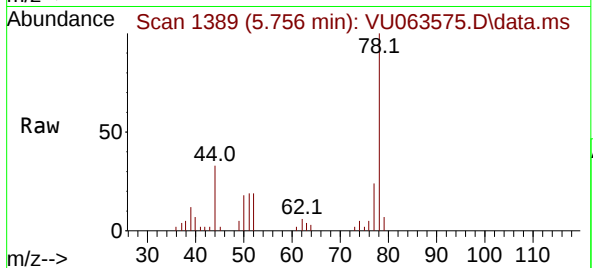




#35
Benzene
Concen: 0.489 ug/l
RT: 5.756 min Scan# 1389
Delta R.T. -0.000 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11

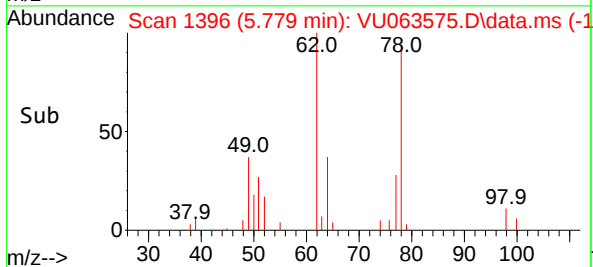
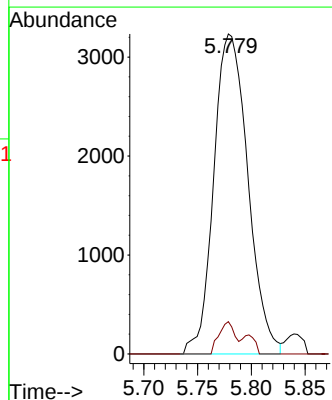
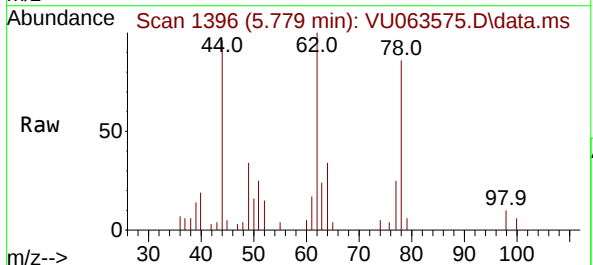
Instrument :
MSVOA_U
ClientSampleId :

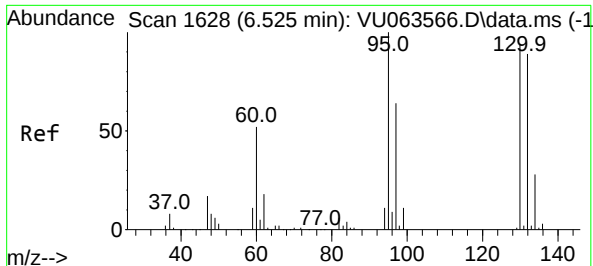
Tgt Ion: 78 Resp: 21207
Ion Ratio Lower Upper
78 100
77 23.9 19.8 29.8



#36
1,2-Dichloroethane
Concen: 0.488 ug/l
RT: 5.779 min Scan# 1396
Delta R.T. -0.003 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11

Tgt Ion: 62 Resp: 7138
Ion Ratio Lower Upper
62 100
98 4.7 6.3 9.5#





#37

Trichloroethene

Concen: 0.509 ug/l

RT: 6.525 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063575.D

Acq: 15 Sep 2025 13:11

Instrument :

MSVOA_U

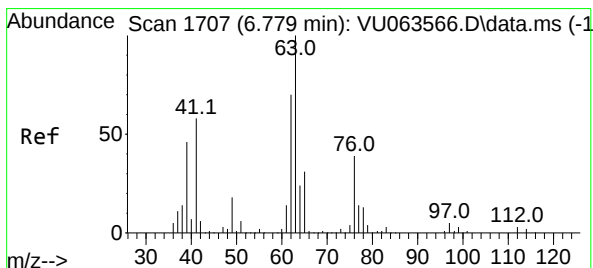
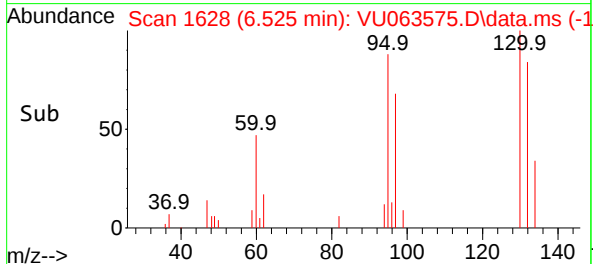
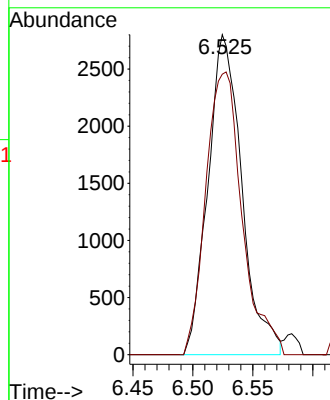
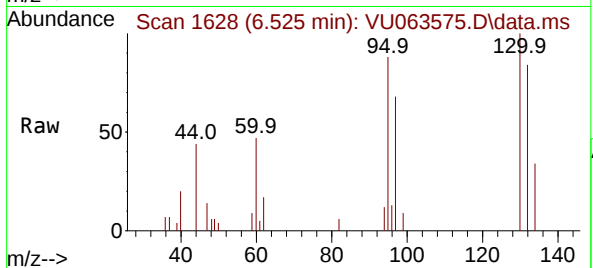
ClientSampleId :

Tgt Ion:130 Resp: 5485

Ion Ratio Lower Upper

130 100

95 87.6 85.4 128.2



#38

1,2-Dichloropropane

Concen: 0.453 ug/l

RT: 6.779 min Scan# 1707

Delta R.T. -0.000 min

Lab File: VU063575.D

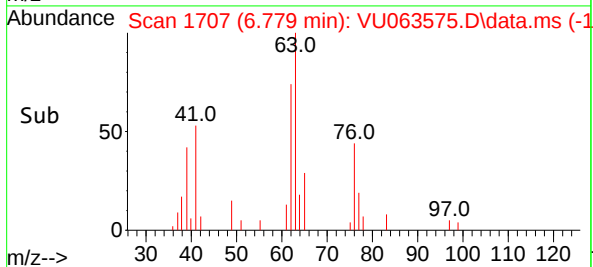
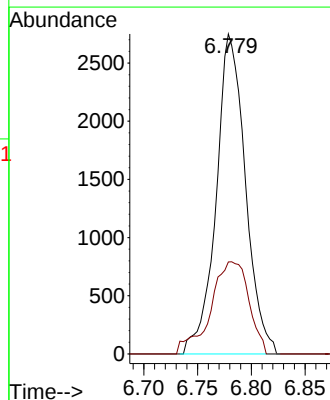
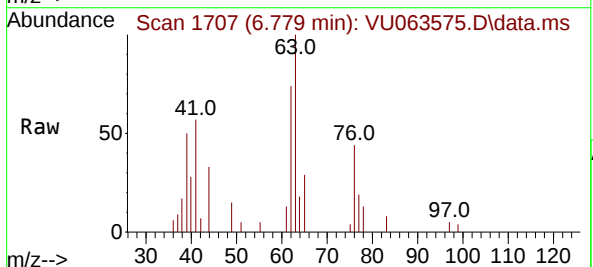
Acq: 15 Sep 2025 13:11

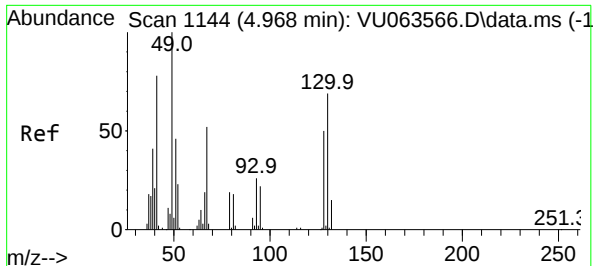
Tgt Ion: 63 Resp: 5202

Ion Ratio Lower Upper

63 100

65 28.8 24.9 37.3





#39

Methacrylonitrile

Concen: 0.413 ug/l

RT: 4.978 min Scan# 1144

Delta R.T. 0.010 min

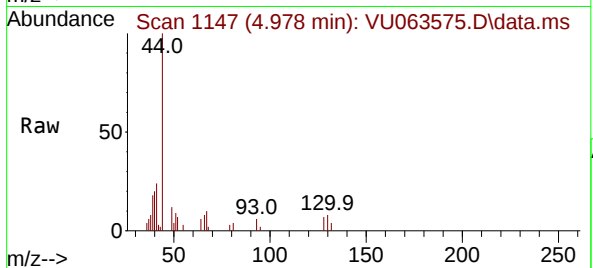
Lab File: VU063575.D

Acq: 15 Sep 2025 13:11

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 41 Resp: 1921

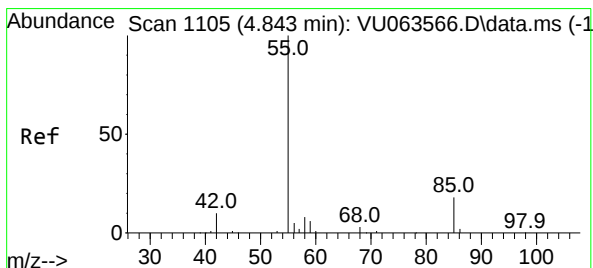
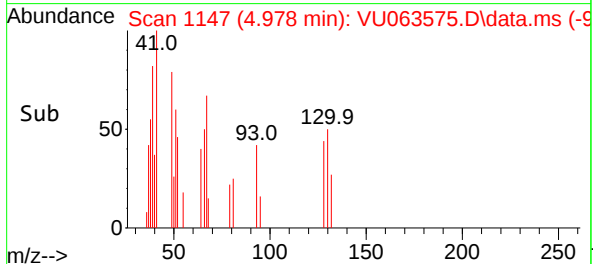
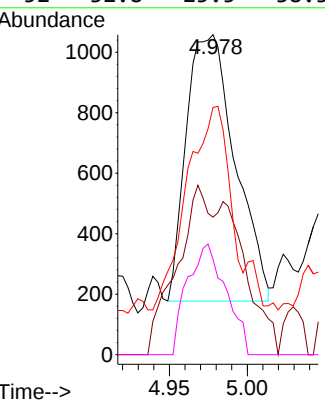
Ion Ratio Lower Upper

41 100

67 45.0 57.7 86.5#

39 66.7 44.6 67.0

52 32.8 25.5 38.3



#40

Methyl acrylate

Concen: 0.507 ug/l

RT: 4.849 min Scan# 1107

Delta R.T. 0.006 min

Lab File: VU063575.D

Acq: 15 Sep 2025 13:11

Tgt Ion: 55 Resp: 3231

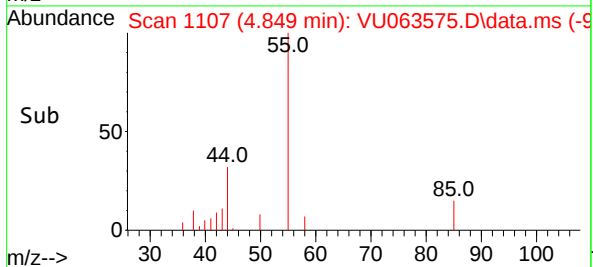
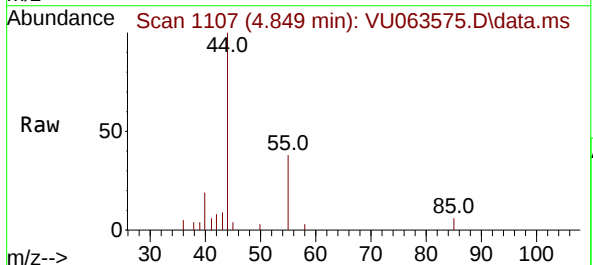
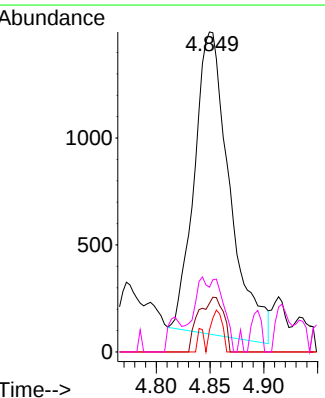
Ion Ratio Lower Upper

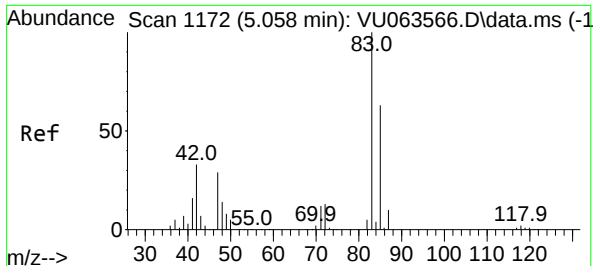
55 100

85 12.8 12.8 19.2#

58 4.5 6.6 10.0#

42 3.8 8.4 12.6#





#41

Tetrahydrofuran

Concen: 1.266 ug/l

RT: 5.058 min Scan# 1172

Delta R.T. -0.000 min

Lab File: VU063575.D

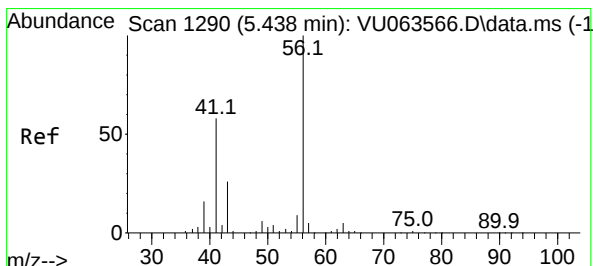
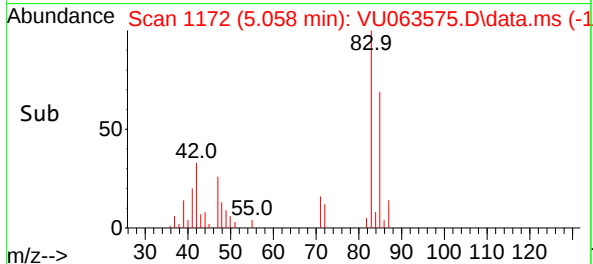
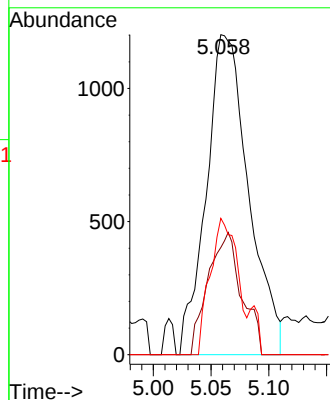
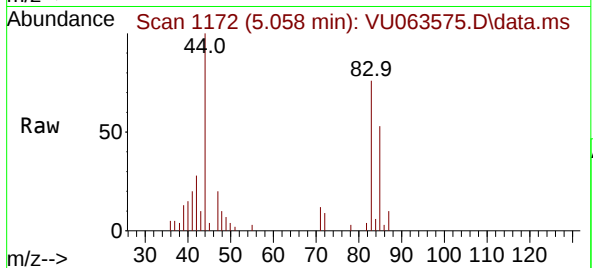
Acq: 15 Sep 2025 13:11

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	42	Resp:	3068
Ion Ratio	Lower	Upper	
42	100		
72	30.4	34.1	51.1#
71	27.5	29.9	44.9#



#42

1-Chlorobutane

Concen: 0.519 ug/l

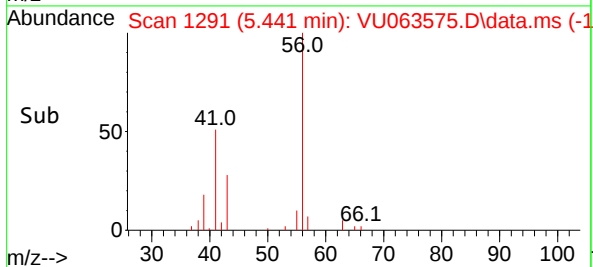
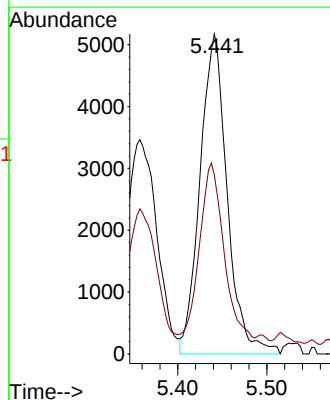
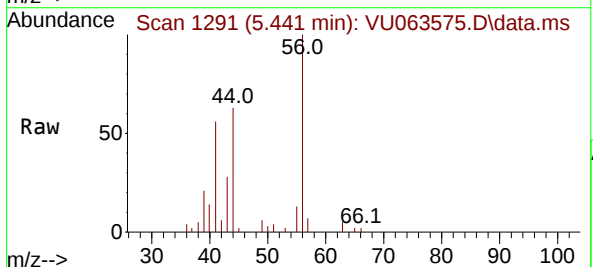
RT: 5.441 min Scan# 1291

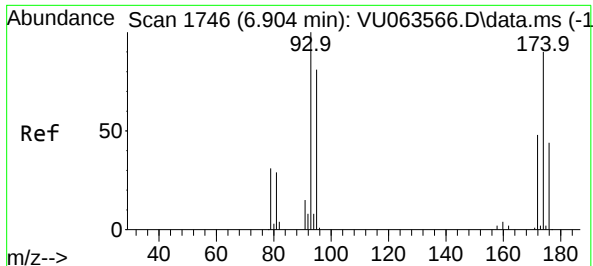
Delta R.T. 0.003 min

Lab File: VU063575.D

Acq: 15 Sep 2025 13:11

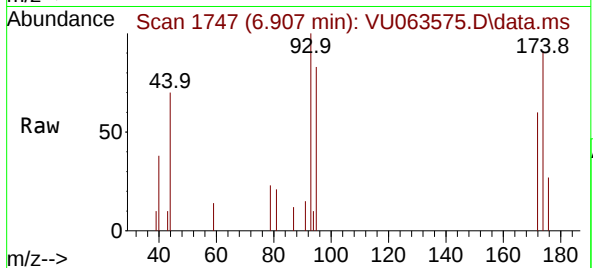
Tgt Ion:	56	Resp:	10954
Ion Ratio	Lower	Upper	
56	100		
41	48.7	28.3	84.9



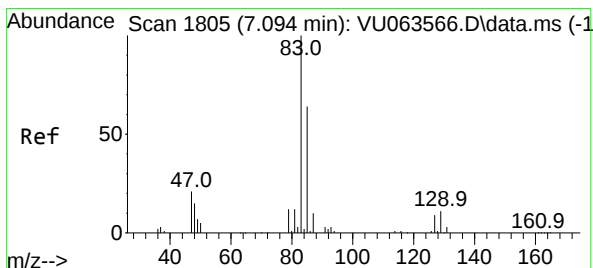
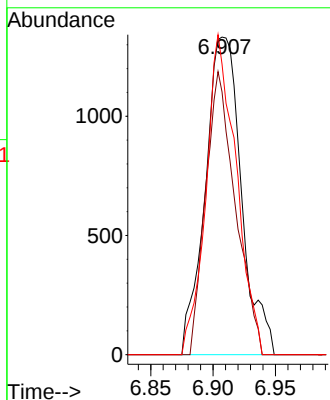
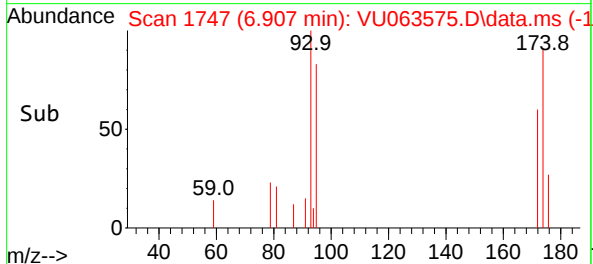


#43
Dibromomethane
Concen: 0.489 ug/l
RT: 6.907 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11

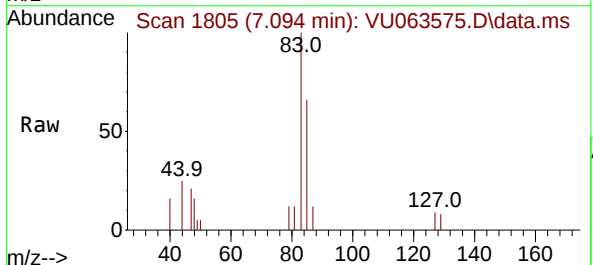
Instrument :
MSVOA_U
ClientSampleId :



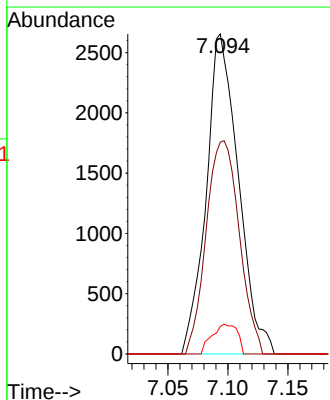
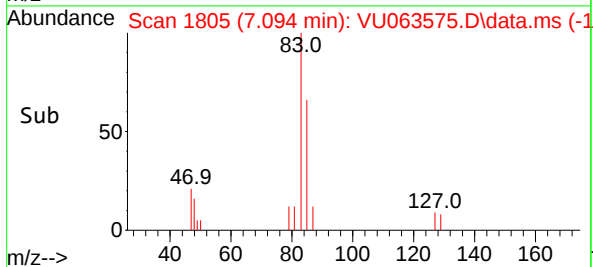
Tgt Ion: 93 Resp: 2691
Ion Ratio Lower Upper
93 100
95 73.5 66.6 100.0
174 84.3 72.7 109.1

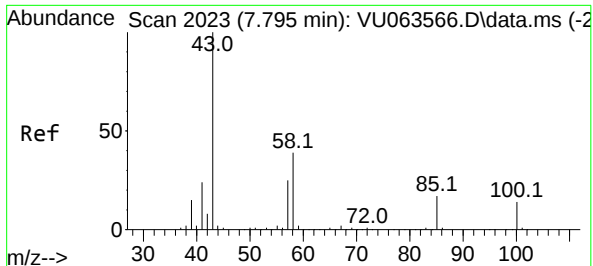


#44
Bromodichloromethane
Concen: 0.421 ug/l
RT: 7.094 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11



Tgt Ion: 83 Resp: 4947
Ion Ratio Lower Upper
83 100
85 66.2 51.2 76.8
127 8.6 6.9 10.3





#45

4-Methyl-2-Pentanone

Concen: 2.416 ug/l

RT: 7.801 min Scan# 2023

Delta R.T. 0.006 min

Lab File: VU063575.D

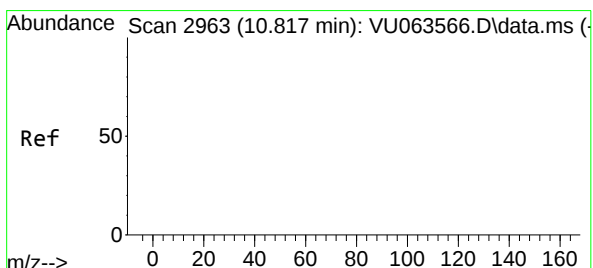
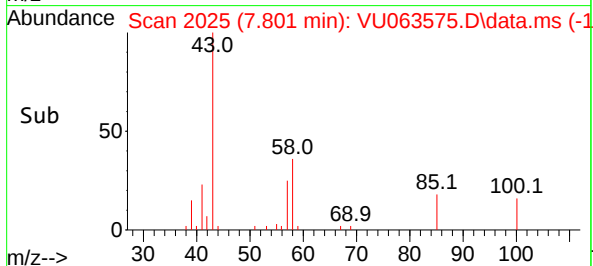
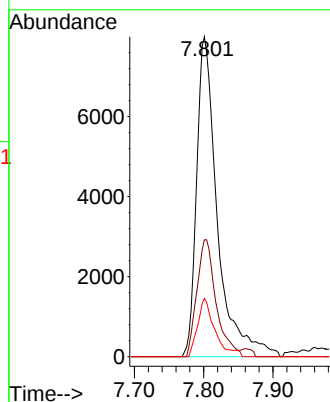
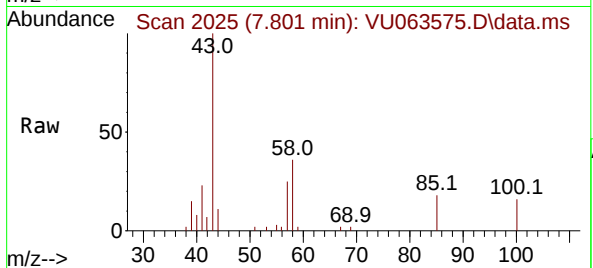
Acq: 15 Sep 2025 13:11

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	43	Resp:	16652
Ion Ratio	Lower	Upper	
43	100		
58	33.7	18.9	56.9
85	15.1	13.3	19.9



#46

t-1,4-Dichloro-2-butene

Concen: 1.920 ug/l

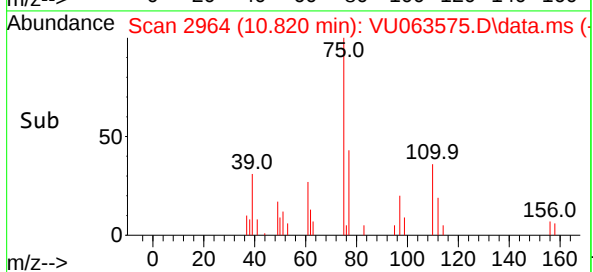
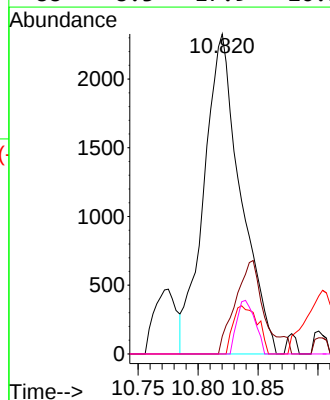
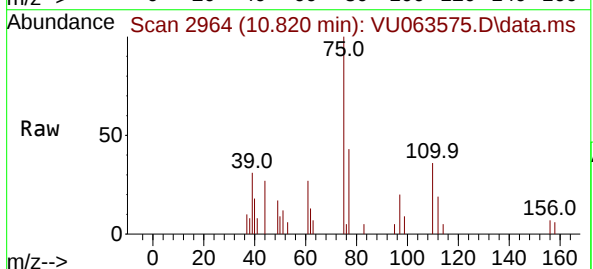
RT: 10.820 min Scan# 2964

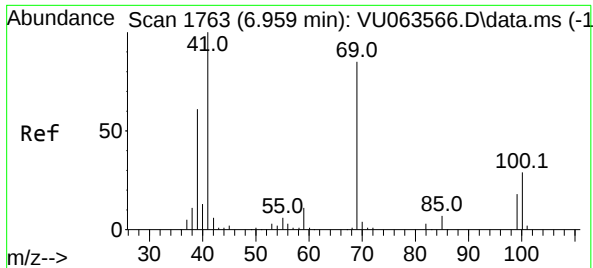
Delta R.T. 0.003 min

Lab File: VU063575.D

Acq: 15 Sep 2025 13:11

Tgt Ion:	75	Resp:	4953
Ion Ratio	Lower	Upper	
75	100		
53	22.8	43.2	64.8#
89	10.0	21.9	32.9#
88	8.3	17.9	26.9#





#47

Methyl methacrylate

Concen: 0.825 ug/l

RT: 6.965 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU063575.D

Acq: 15 Sep 2025 13:11

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 69 Resp: 4060

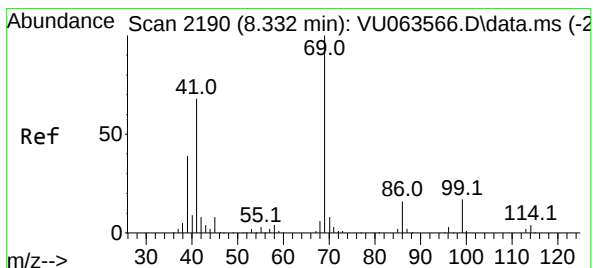
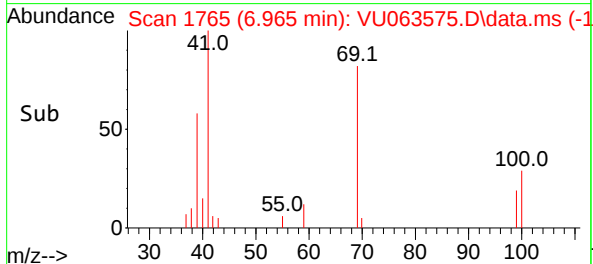
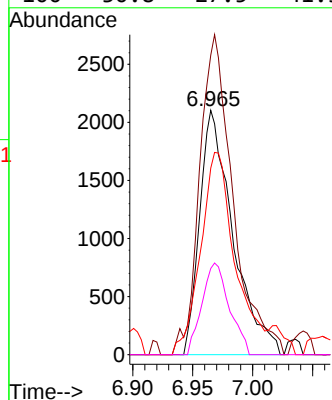
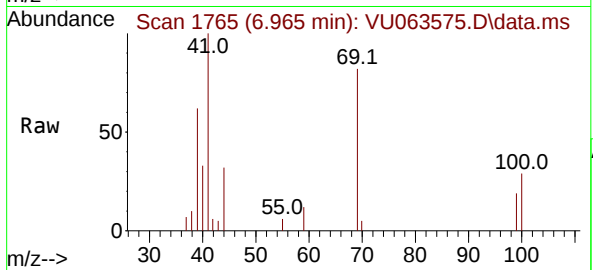
Ion Ratio Lower Upper

69 100

41 131.5 0.0 236.8

39 85.3 57.8 86.6

100 30.8 27.5 41.3



#48

Ethyl methacrylate

Concen: 0.434 ug/l

RT: 8.341 min Scan# 2193

Delta R.T. 0.010 min

Lab File: VU063575.D

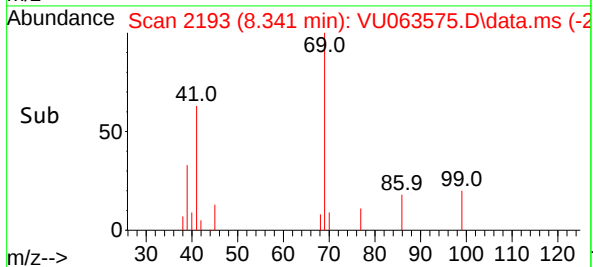
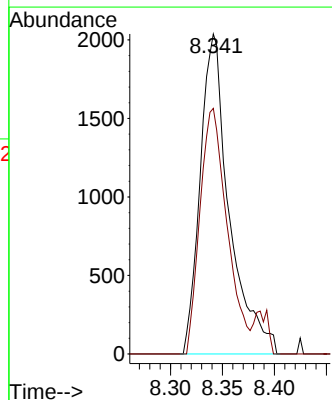
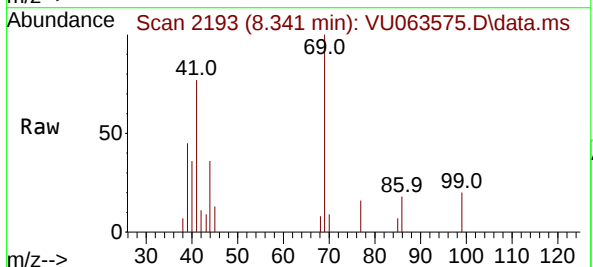
Acq: 15 Sep 2025 13:11

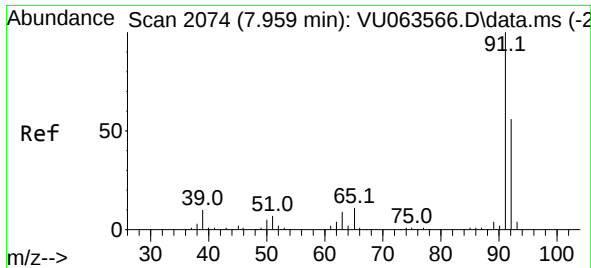
Tgt Ion: 69 Resp: 3963

Ion Ratio Lower Upper

69 100

41 71.8 33.7 101.1





#49

Toluene

Concen: 0.473 ug/l

RT: 7.962 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU063575.D

Acq: 15 Sep 2025 13:11

Instrument :

MSVOA_U

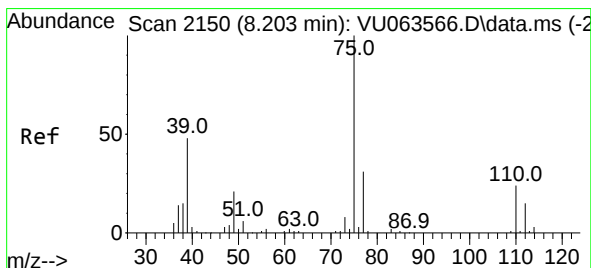
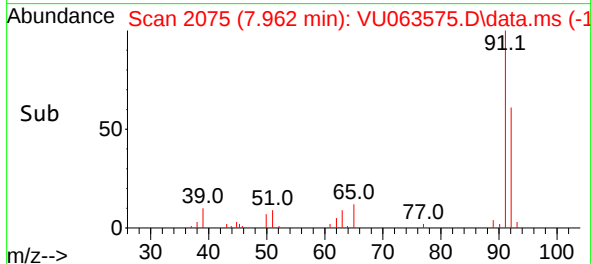
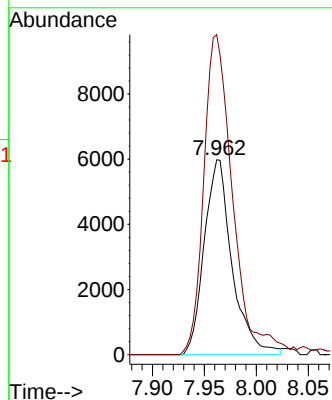
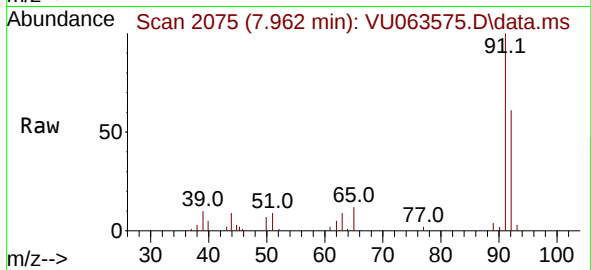
ClientSampleId :

Tgt Ion: 92 Resp: 11134

Ion Ratio Lower Upper

92 100

91 170.2 139.4 209.2



#50

t-1,3-Dichloropropene

Concen: 0.412 ug/l

RT: 8.209 min Scan# 2152

Delta R.T. 0.006 min

Lab File: VU063575.D

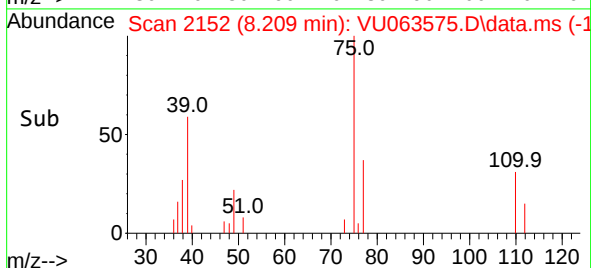
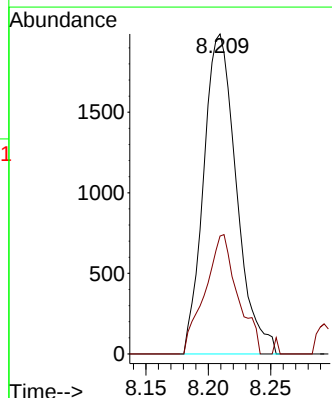
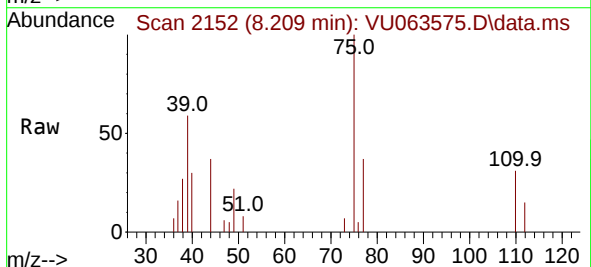
Acq: 15 Sep 2025 13:11

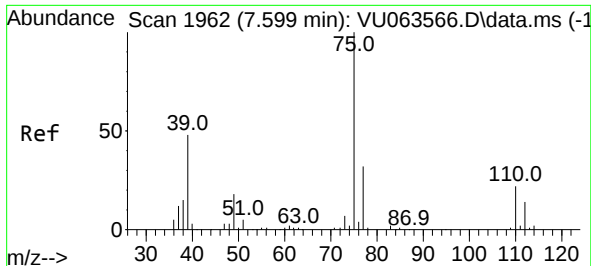
Tgt Ion: 75 Resp: 3632

Ion Ratio Lower Upper

75 100

77 36.9 24.8 37.2





#51

cis-1,3-Dichloropropene

Concen: 0.429 ug/l

RT: 7.605 min Scan# 1962

Delta R.T. 0.006 min

Lab File: VU063575.D

Acq: 15 Sep 2025 13:11

Instrument :

MSVOA_U

ClientSampleId :

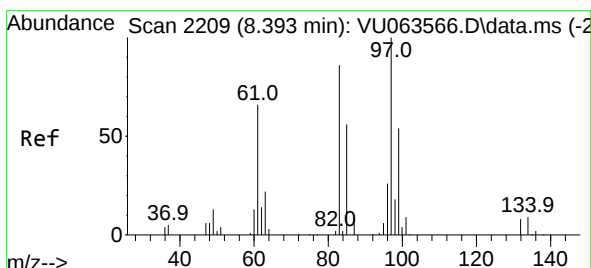
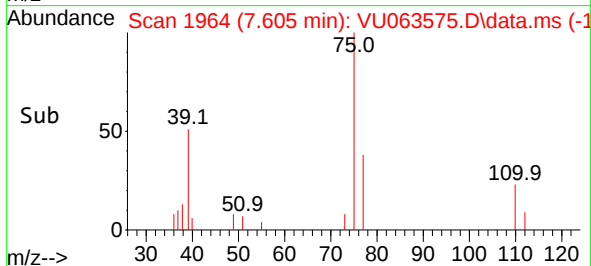
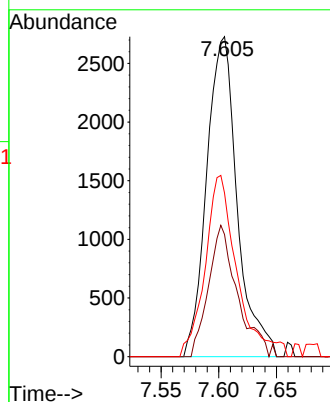
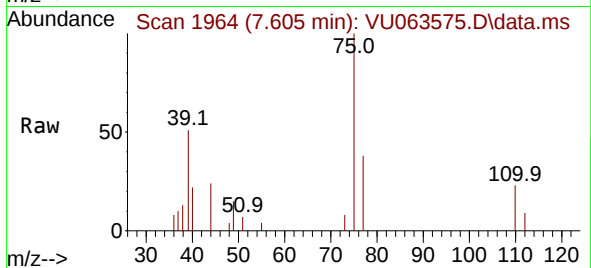
Tgt Ion: 75 Resp: 5023

Ion Ratio Lower Upper

75 100

77 38.2 25.2 37.8#

39 51.2 38.8 58.2



#52

1,1,2-Trichloroethane

Concen: 0.456 ug/l

RT: 8.396 min Scan# 2210

Delta R.T. 0.003 min

Lab File: VU063575.D

Acq: 15 Sep 2025 13:11

Tgt Ion: 97 Resp: 3555

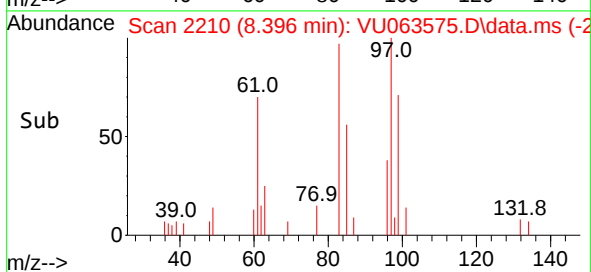
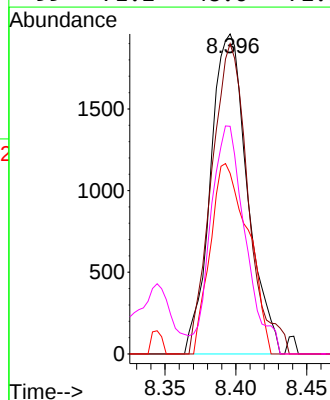
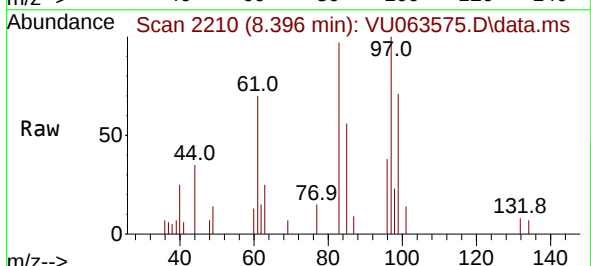
Ion Ratio Lower Upper

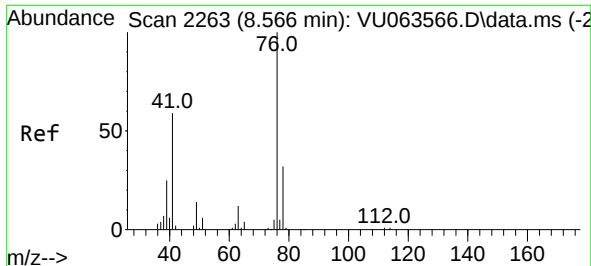
97 100

83 96.9 68.5 102.7

85 56.5 45.0 67.6

99 71.2 48.6 72.8





#53

1,3-Dichloropropane

Concen: 0.458 ug/l

RT: 8.569 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063575.D

Acq: 15 Sep 2025 13:11

Instrument :

MSVOA_U

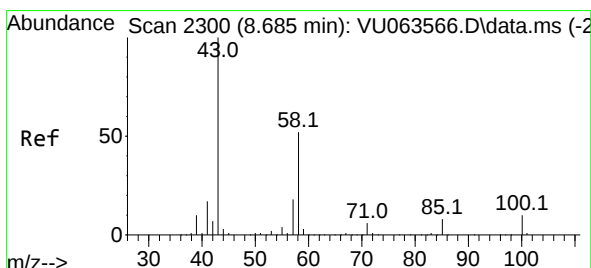
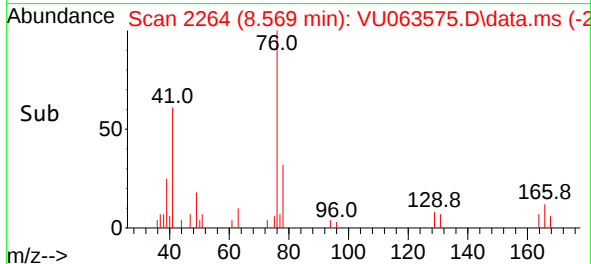
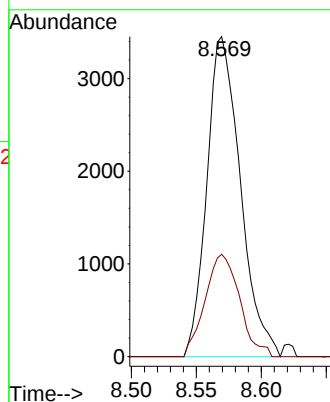
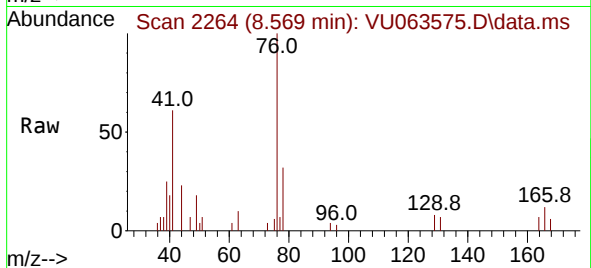
ClientSampleId :

Tgt Ion: 76 Resp: 6195

Ion Ratio Lower Upper

76 100

78 32.9 26.2 39.2



#54

2-Hexanone

Concen: 2.056 ug/l

RT: 8.695 min Scan# 2303

Delta R.T. 0.010 min

Lab File: VU063575.D

Acq: 15 Sep 2025 13:11

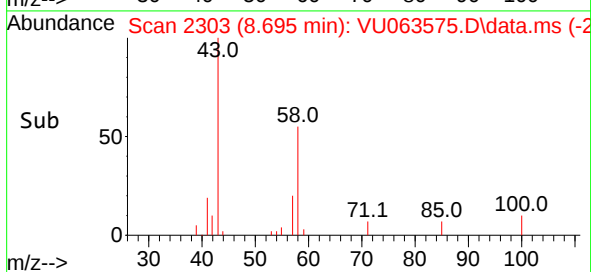
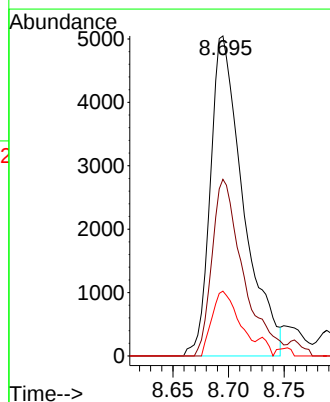
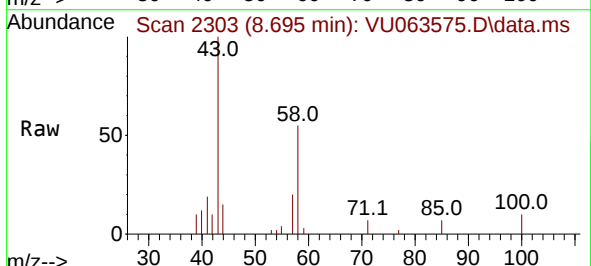
Tgt Ion: 43 Resp: 10355

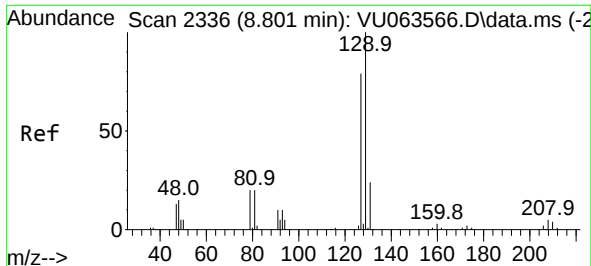
Ion Ratio Lower Upper

43 100

58 52.4 32.7 72.7

57 16.7 0.0 38.2

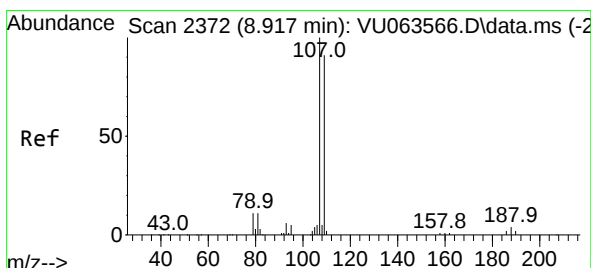
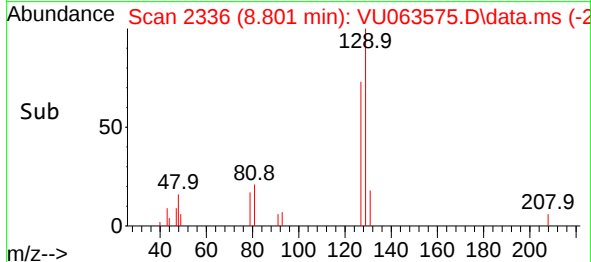
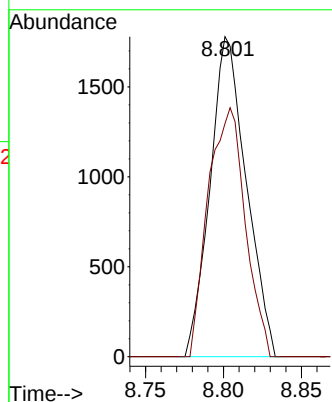
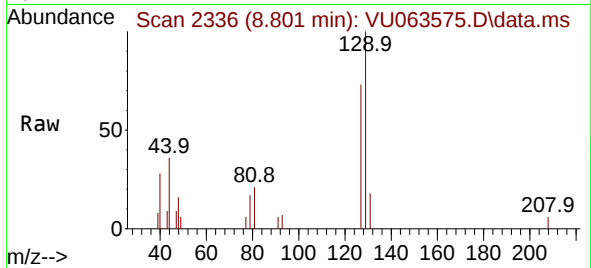




#55
Dibromochloromethane
Concen: 0.381 ug/l
RT: 8.801 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11

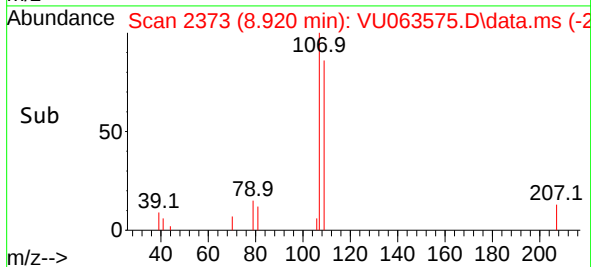
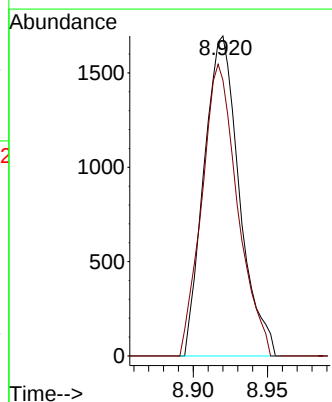
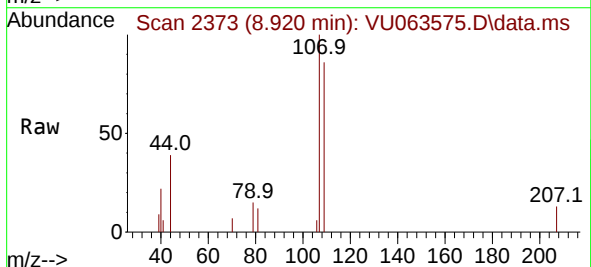
Instrument :
MSVOA_U
ClientSampleId :

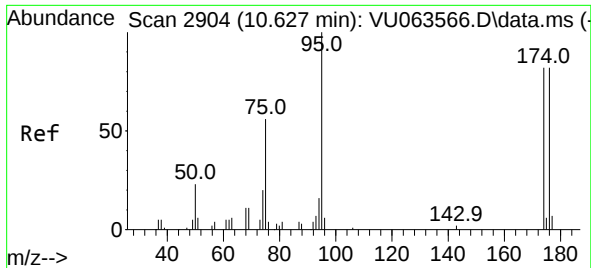
Tgt Ion:129 Resp: 2877
Ion Ratio Lower Upper
129 100
127 79.7 61.9 92.9



#56
1,2-Dibromoethane
Concen: 0.418 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. 0.003 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11

Tgt Ion:107 Resp: 2806
Ion Ratio Lower Upper
107 100
109 91.7 0.0 183.6

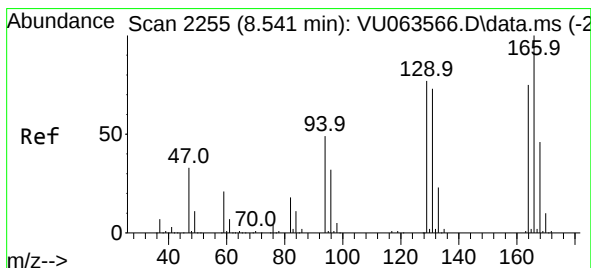
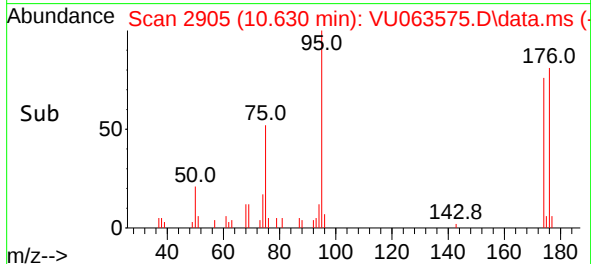
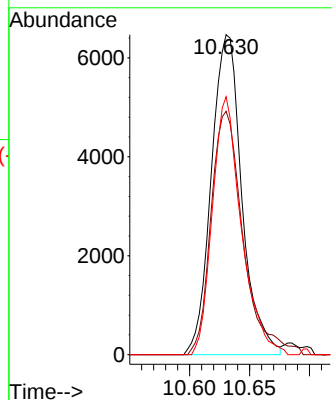
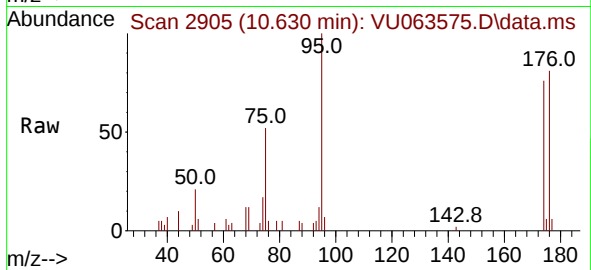




#57
4-Bromofluorobenzene
Concen: 0.928 ug/l
RT: 10.630 min Scan# 2905
Delta R.T. 0.003 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11

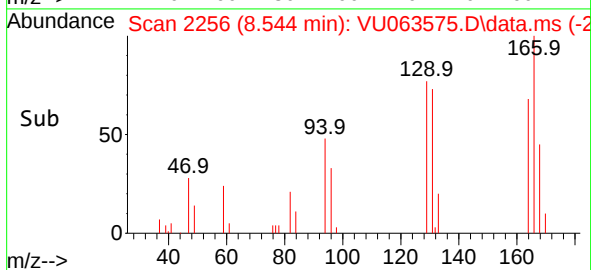
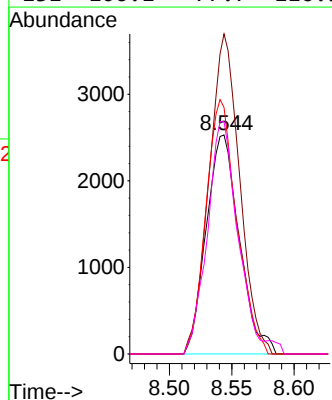
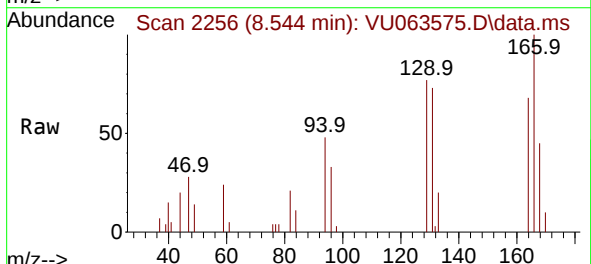
Instrument :
MSVOA_U
ClientSampleId :

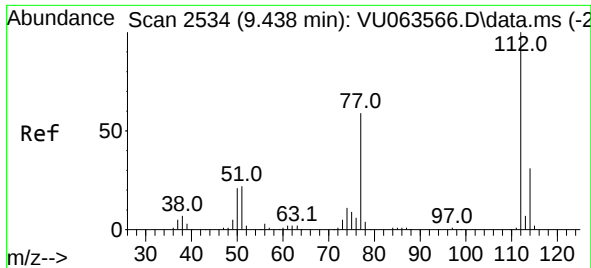
Tgt Ion: 95 Resp: 11447
Ion Ratio Lower Upper
95 100
174 79.9 64.7 97.1
176 76.1 66.2 99.4



#58
Tetrachloroethene
Concen: 0.439 ug/l
RT: 8.544 min Scan# 2256
Delta R.T. 0.003 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11

Tgt Ion: 164 Resp: 4665
Ion Ratio Lower Upper
164 100
166 146.1 106.4 159.6
129 112.5 81.4 122.2
131 106.1 77.7 116.5

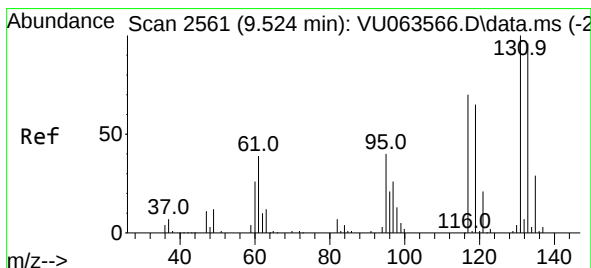
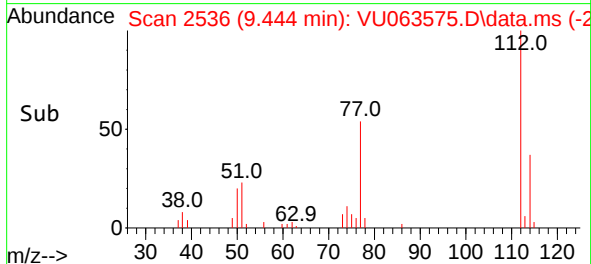
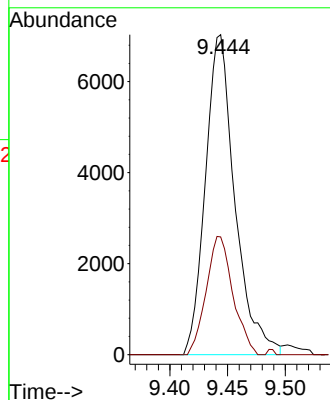
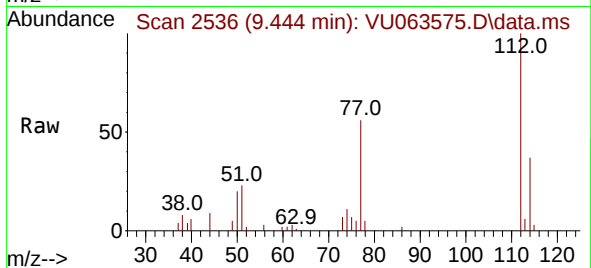




#59
Chlorobenzene
Concen: 0.460 ug/l
RT: 9.444 min Scan# 2536
Delta R.T. 0.006 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11

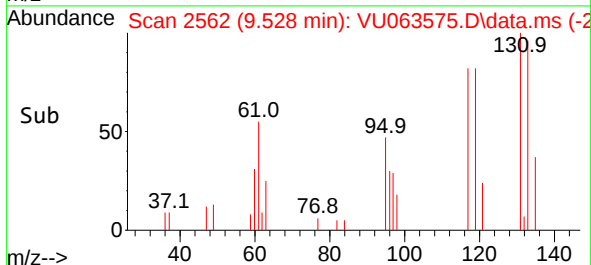
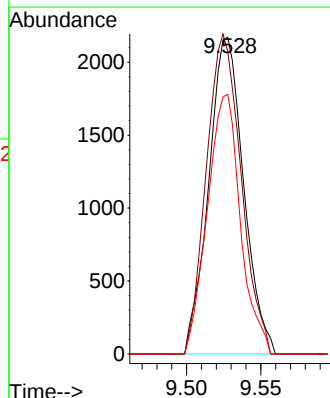
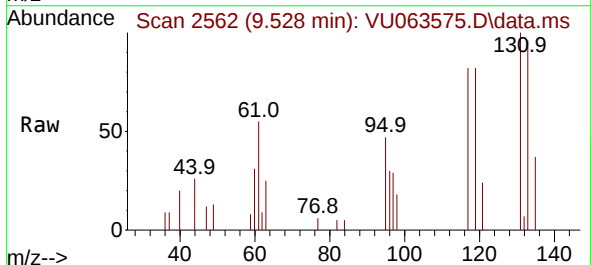
Instrument :
MSVOA_U
ClientSampleId :

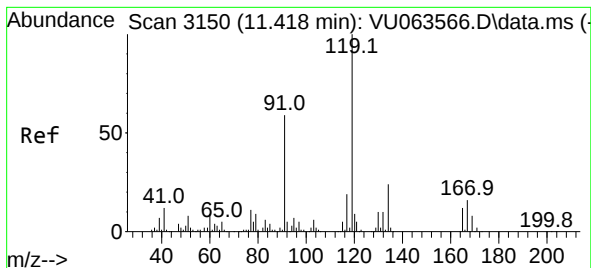
Tgt Ion:112 Resp: 12472
Ion Ratio Lower Upper
112 100
114 36.8 25.0 37.4



#60
1,1,1,2-Tetrachloroethane
Concen: 0.401 ug/l
RT: 9.528 min Scan# 2562
Delta R.T. 0.003 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11

Tgt Ion:131 Resp: 3550
Ion Ratio Lower Upper
131 100
133 100.4 75.8 113.8
119 77.4 51.8 77.6

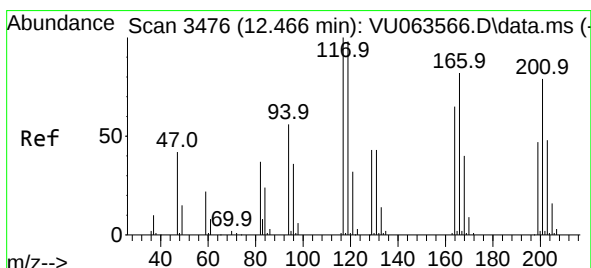
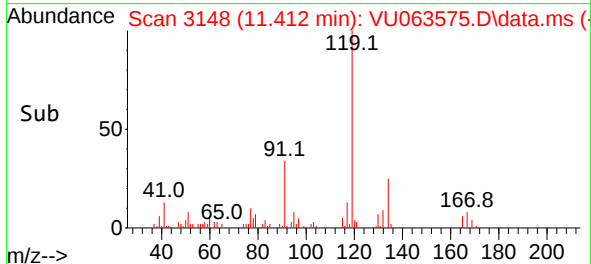
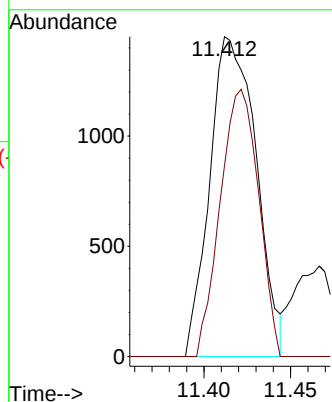
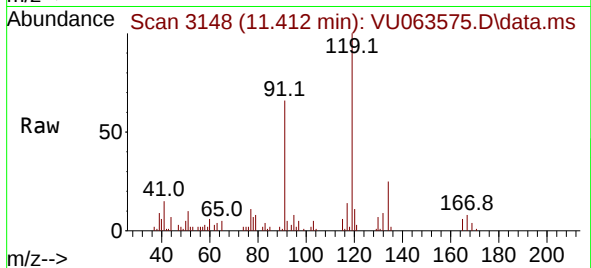




#61
 Pentachloroethane
 Concen: 0.425 ug/l
 RT: 11.412 min Scan# 3150
 Delta R.T. -0.007 min
 Lab File: VU063575.D
 Acq: 15 Sep 2025 13:11

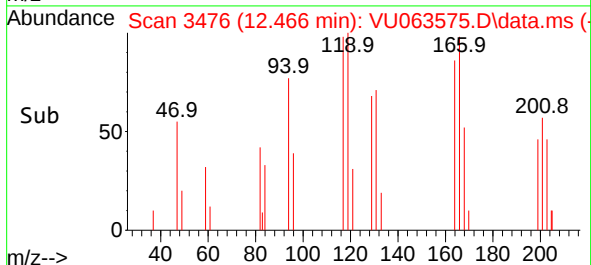
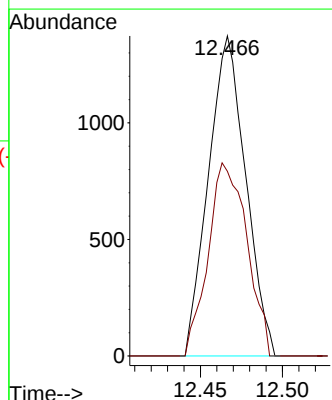
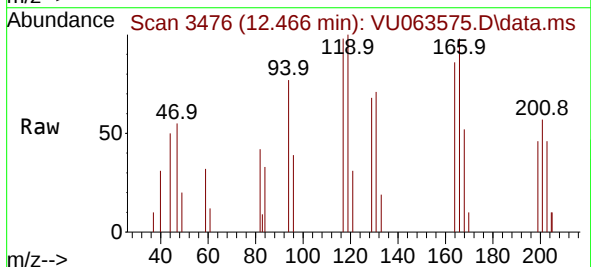
Instrument :
 MSVOA_U
 ClientSampleId :

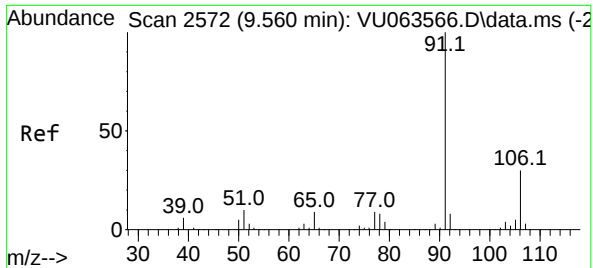
Tgt Ion:117 Resp: 2699
 Ion Ratio Lower Upper
 117 100
 167 69.2 62.6 93.8



#62
 Hexachloroethane
 Concen: 0.392 ug/l
 RT: 12.466 min Scan# 3476
 Delta R.T. -0.000 min
 Lab File: VU063575.D
 Acq: 15 Sep 2025 13:11

Tgt Ion:117 Resp: 2164
 Ion Ratio Lower Upper
 117 100
 201 62.8 61.0 91.6

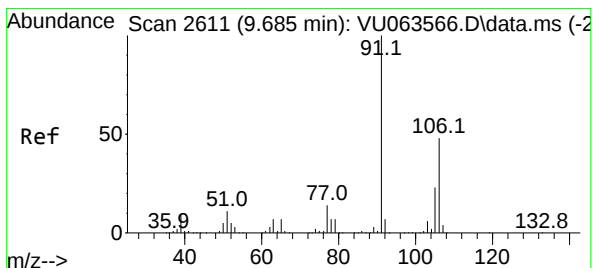
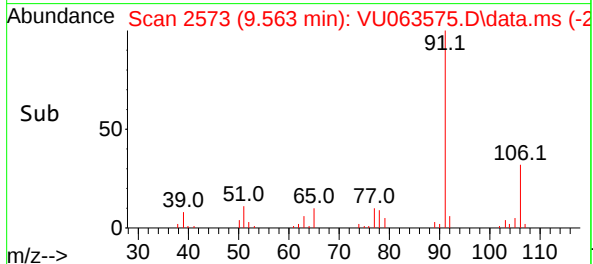
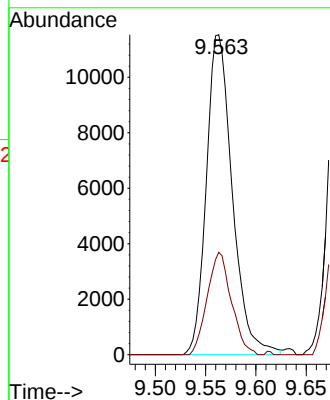
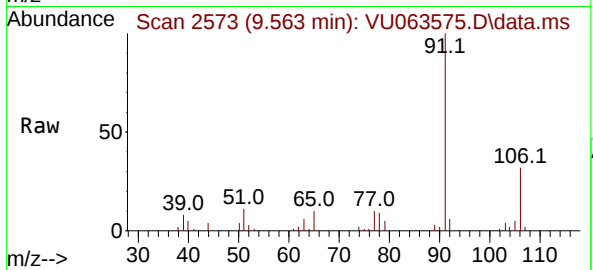




#63
Ethyl Benzene
Concen: 0.447 ug/l
RT: 9.563 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11

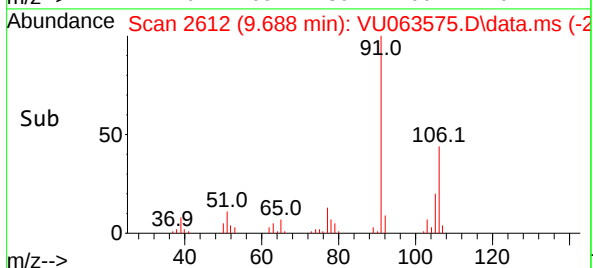
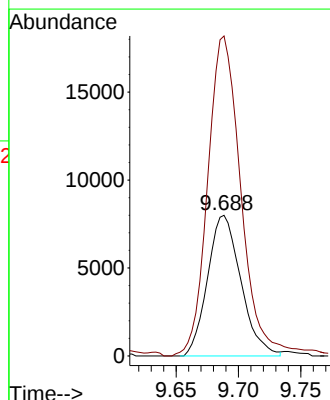
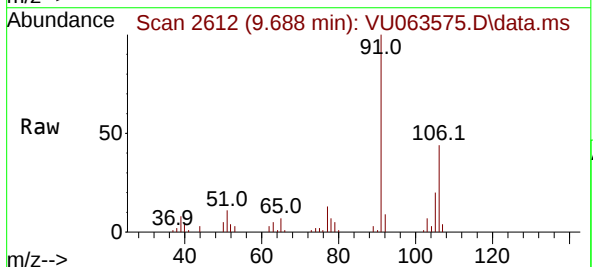
Instrument :
MSVOA_U
ClientSampleId :

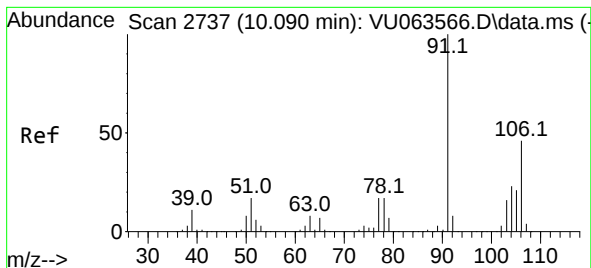
Tgt Ion: 91 Resp: 20694
Ion Ratio Lower Upper
91 100
106 32.0 23.8 35.8



#64
m/p-Xylenes
Concen: 0.837 ug/l
RT: 9.688 min Scan# 2612
Delta R.T. 0.003 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11

Tgt Ion: 106 Resp: 14879
Ion Ratio Lower Upper
106 100
91 228.8 167.0 250.4





#65

o-Xylene

Concen: 0.442 ug/l

RT: 10.094 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063575.D

Acq: 15 Sep 2025 13:11

Instrument :

MSVOA_U

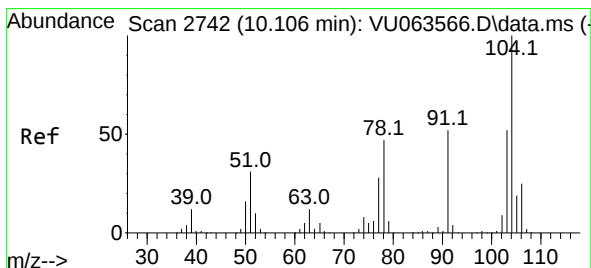
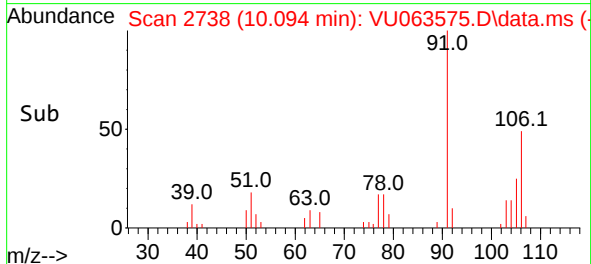
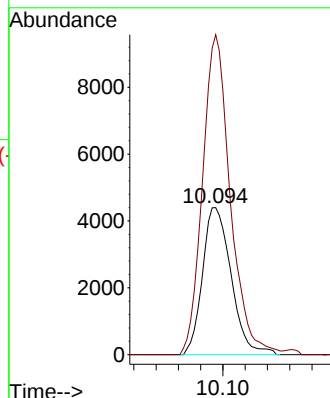
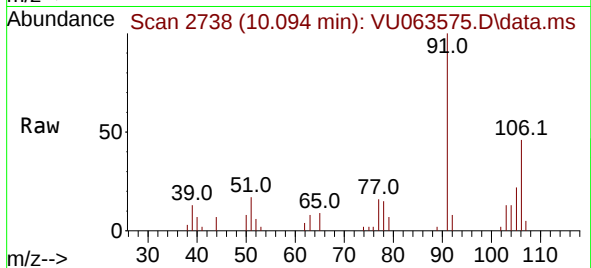
ClientSampleId :

Tgt Ion:106 Resp: 7862

Ion Ratio Lower Upper

106 100

91 210.3 108.7 326.1



#66

Styrene

Concen: 0.414 ug/l

RT: 10.113 min Scan# 2744

Delta R.T. 0.006 min

Lab File: VU063575.D

Acq: 15 Sep 2025 13:11

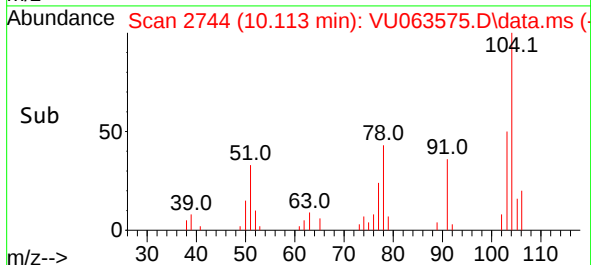
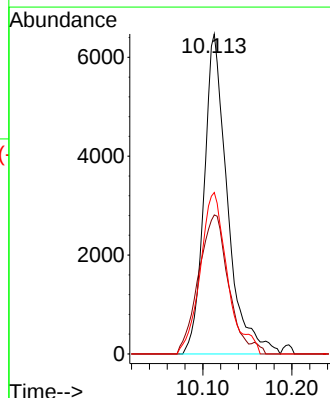
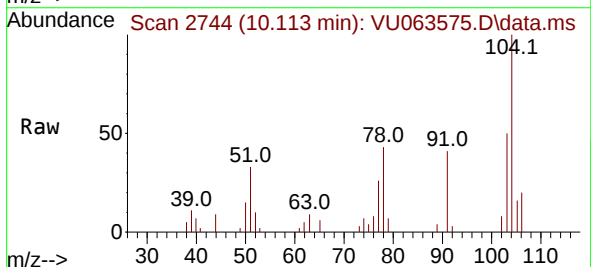
Tgt Ion:104 Resp: 11759

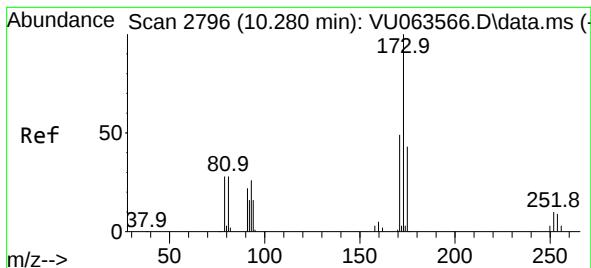
Ion Ratio Lower Upper

104 100

78 56.1 41.2 61.8

103 58.4 44.2 66.2





#67

Bromoform

Concen: 0.356 ug/l

RT: 10.283 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063575.D

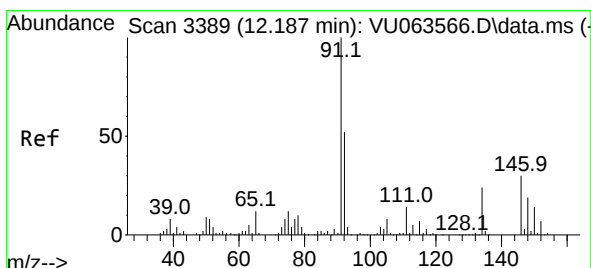
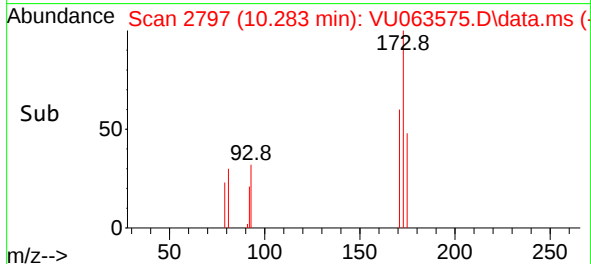
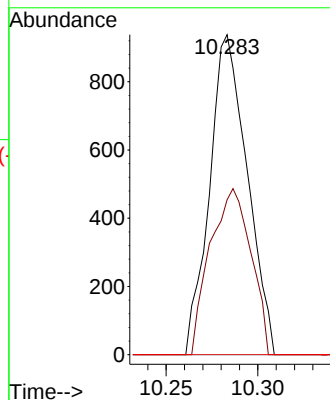
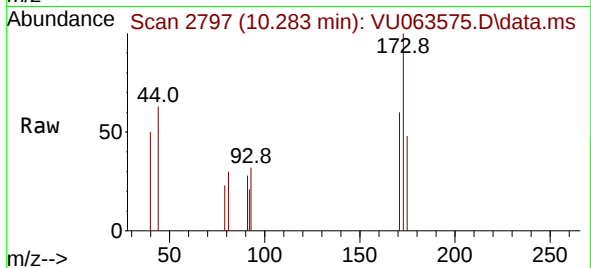
Acq: 15 Sep 2025 13:11

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	173	Resp:	1340
Ion	Ratio	Lower	Upper
173	100		
175	56.3	37.0	55.6#
254	0.0	7.1	10.7#



#68

1,2-Dichlorobenzene-d4

Concen: 0.948 ug/l

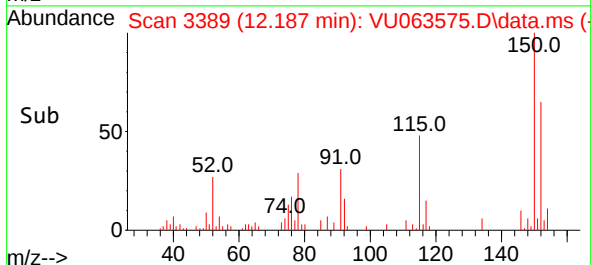
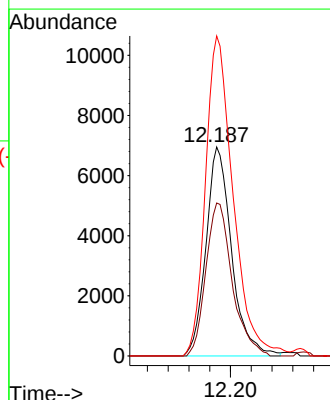
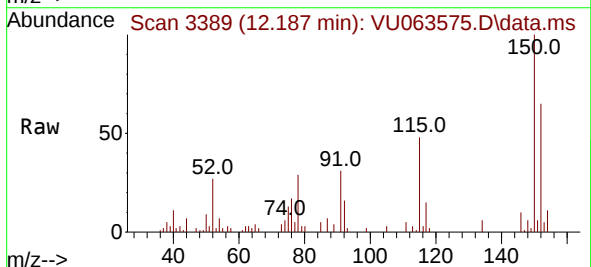
RT: 12.187 min Scan# 3389

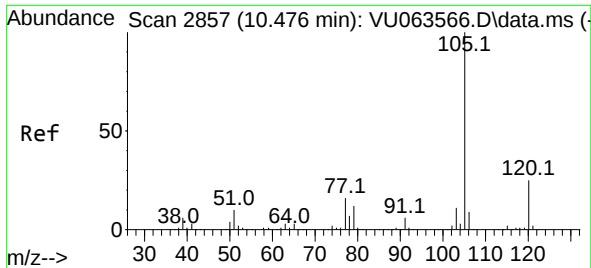
Delta R.T. -0.000 min

Lab File: VU063575.D

Acq: 15 Sep 2025 13:11

Tgt Ion:	152	Resp:	11918
Ion	Ratio	Lower	Upper
152	100		
115	75.1	0.0	260.6
150	164.7	0.0	661.8

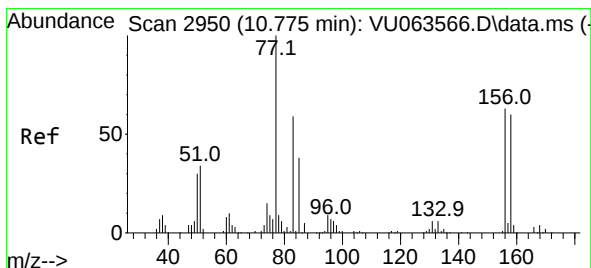
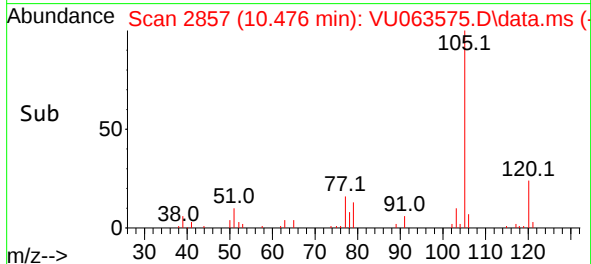
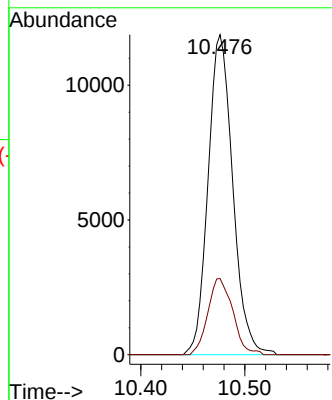
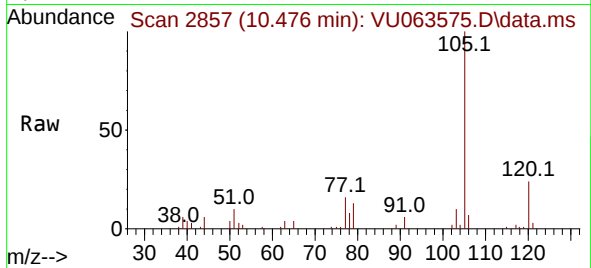




#69
Isopropylbenzene
Concen: 0.453 ug/l
RT: 10.476 min Scan# 2857
Delta R.T. -0.000 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11

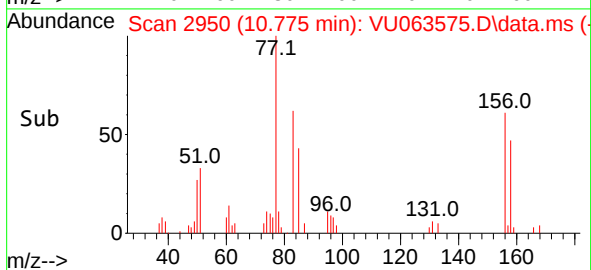
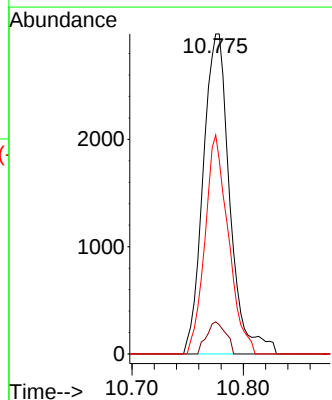
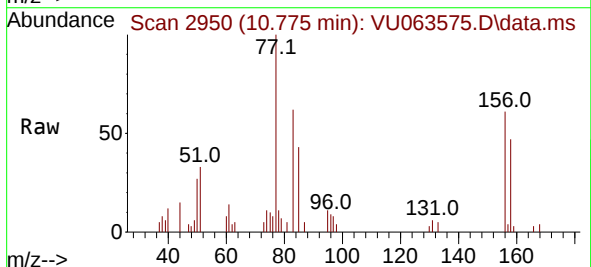
Instrument :
MSVOA_U
ClientSampleId :

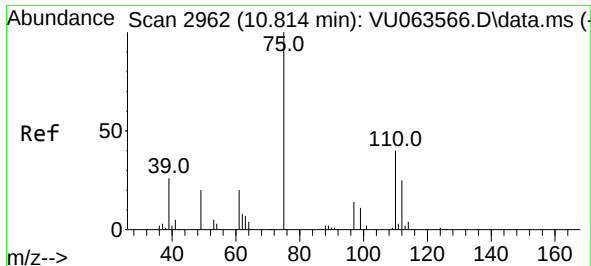
Tgt Ion:105 Resp: 19548
Ion Ratio Lower Upper
105 100
120 24.1 12.7 38.0



#70
1,1,2,2-Tetrachloroethane
Concen: 0.499 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11

Tgt Ion: 83 Resp: 4952
Ion Ratio Lower Upper
83 100
131 7.2 7.7 11.5#
85 60.2 52.2 78.4

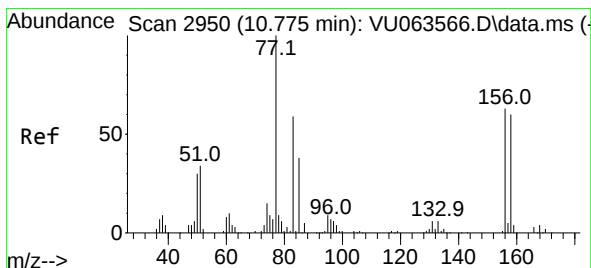
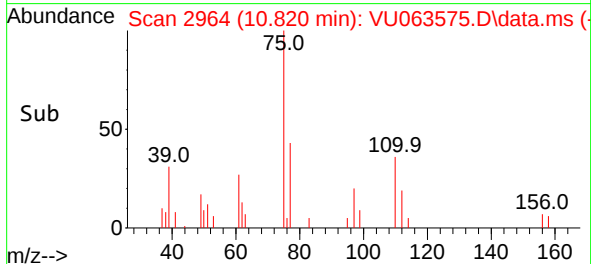
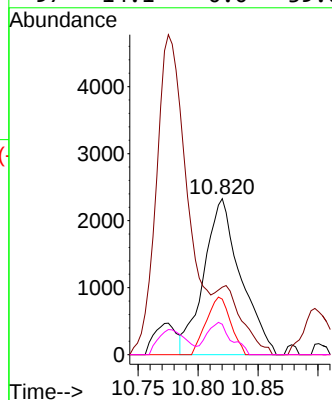
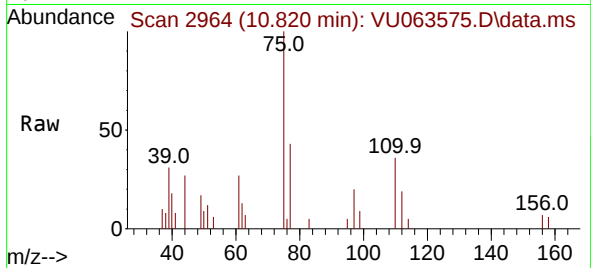




#71
1,2,3-Trichloropropane
Concen: 0.674 ug/l
RT: 10.820 min Scan# 2964
Delta R.T. 0.006 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11

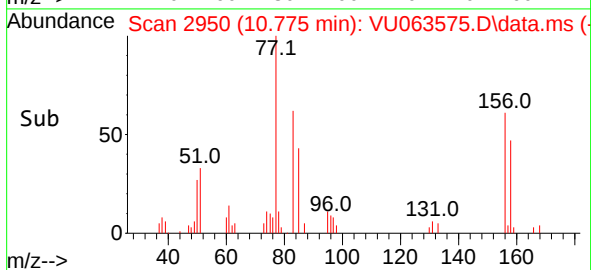
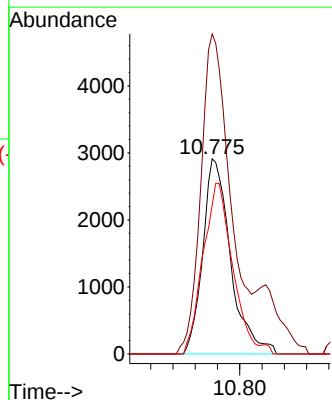
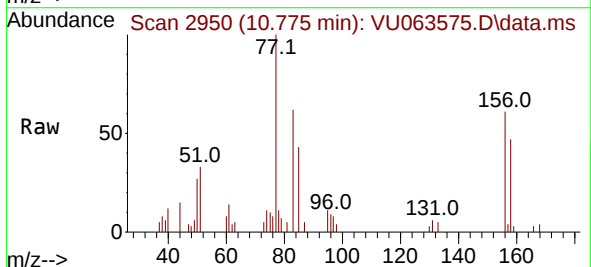
Instrument :
MSVOA_U
ClientSampleId :

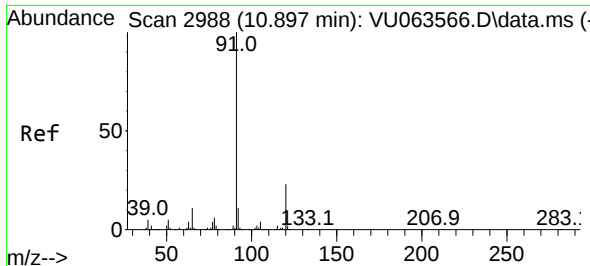
Tgt Ion: 75	Resp: 4953
Ion Ratio	Lower Upper
75 100	
77 21.8	0.0 0.0#
110 24.5	0.0 77.6
97 14.1	0.0 39.6



#72
Bromobenzene
Concen: 0.450 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11

Tgt Ion: 156	Resp: 5048
Ion Ratio	Lower Upper
156 100	
77 171.8	0.0 323.0
158 93.7	0.0 195.4

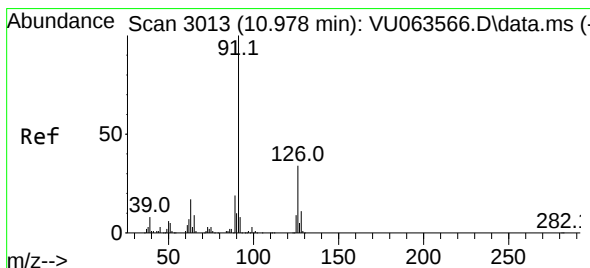
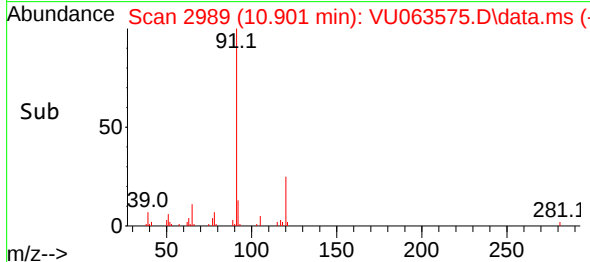
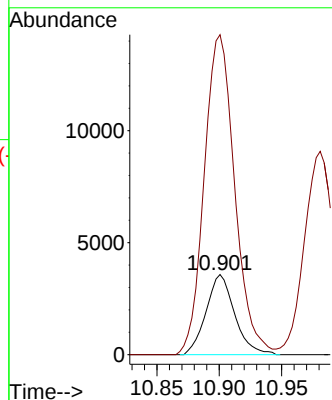
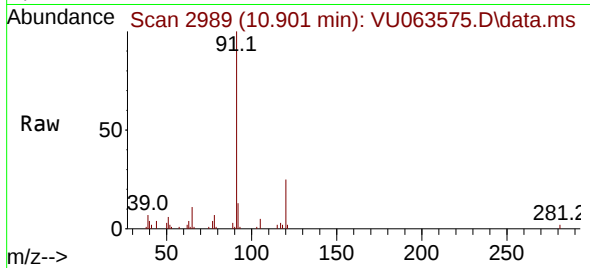




#73
n-propylbenzene
Concen: 0.457 ug/l
RT: 10.901 min Scan# 2989
Delta R.T. 0.003 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11

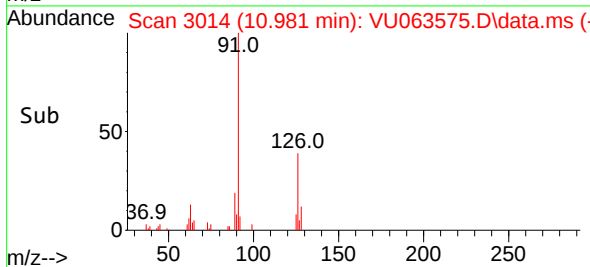
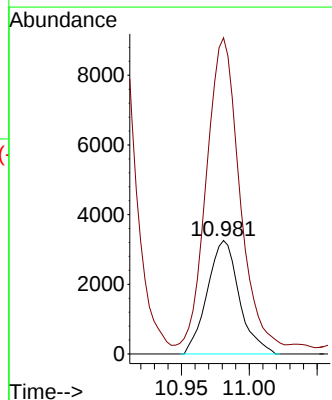
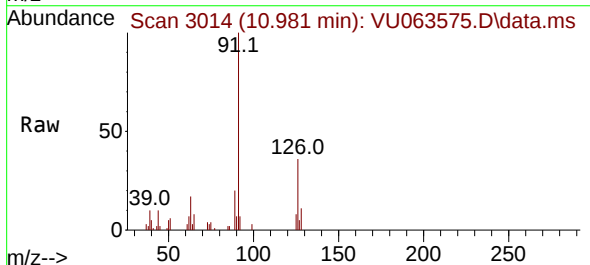
Instrument :
MSVOA_U
ClientSampleId :

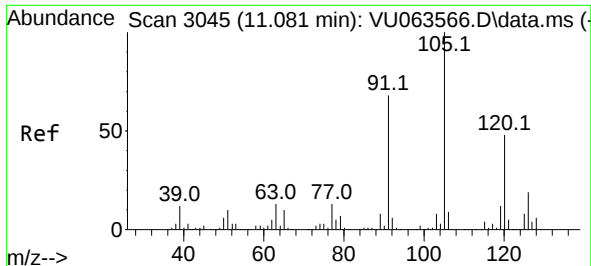
Tgt Ion:120 Resp: 5705
Ion Ratio Lower Upper
120 100
91 425.4 349.1 523.7



#74
2-Chlorotoluene
Concen: 0.473 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. 0.003 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11

Tgt Ion:126 Resp: 5338
Ion Ratio Lower Upper
126 100
91 279.6 0.0 609.4

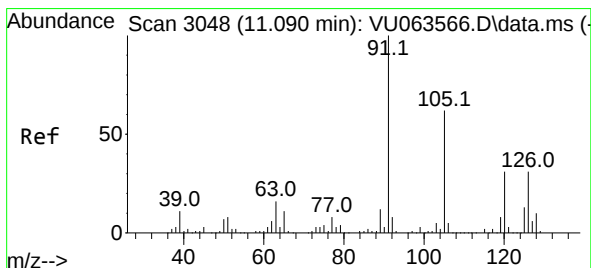
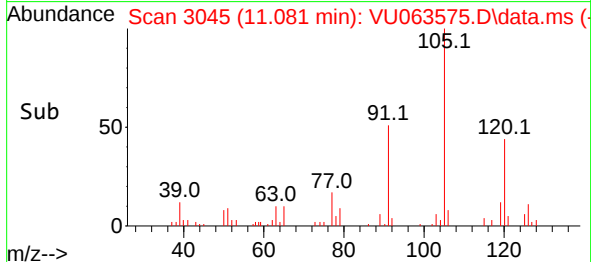
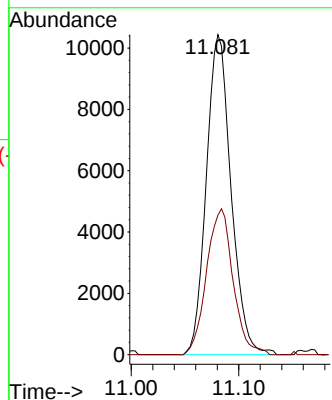
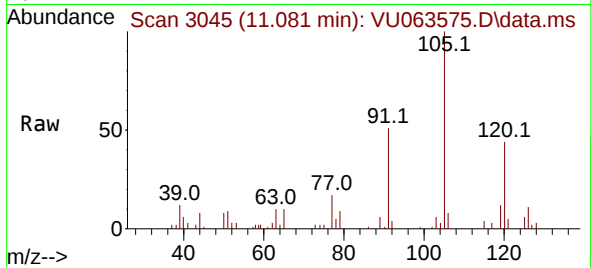




#75
1,3,5-Trimethylbenzene
Concen: 0.413 ug/l
RT: 11.081 min Scan# 3045
Delta R.T. -0.000 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11

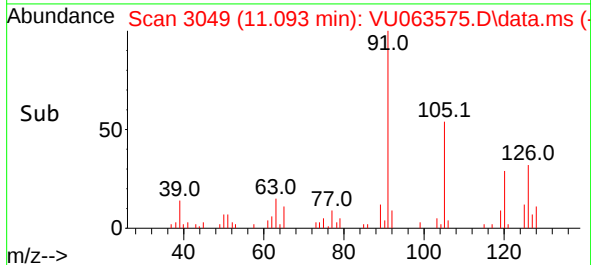
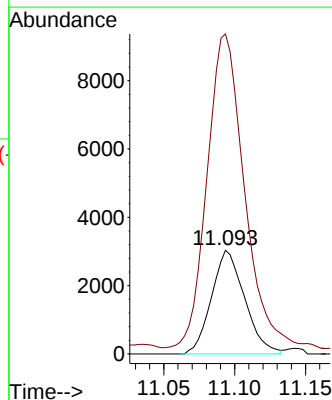
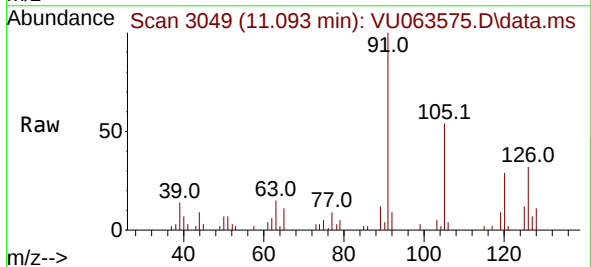
Instrument :
MSVOA_U
ClientSampleId :

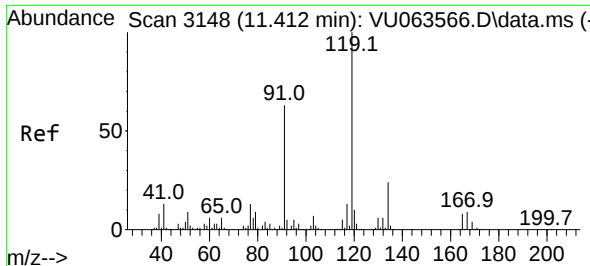
Tgt Ion:105 Resp: 16692
Ion Ratio Lower Upper
105 100
120 48.9 38.0 57.0



#76
4-Chlorotoluene
Concen: 0.418 ug/l
RT: 11.093 min Scan# 3049
Delta R.T. 0.003 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11

Tgt Ion:126 Resp: 4938
Ion Ratio Lower Upper
126 100
91 366.4 0.0 679.4

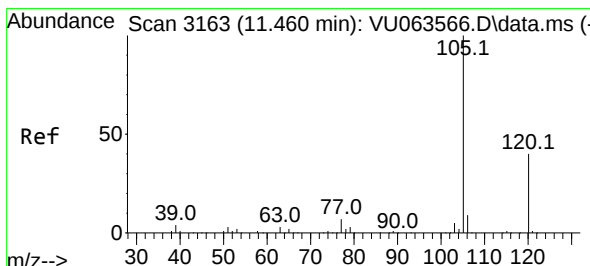
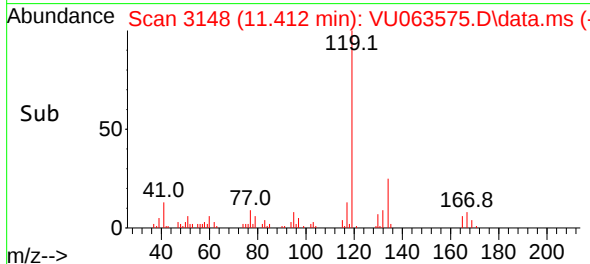
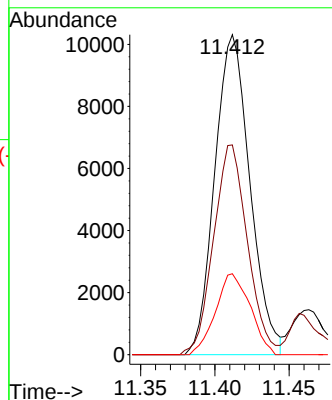
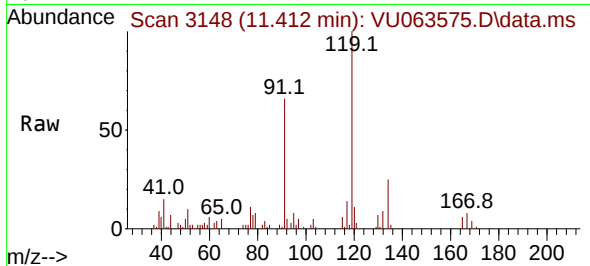




#77
tert-Butylbenzene
Concen: 0.436 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11

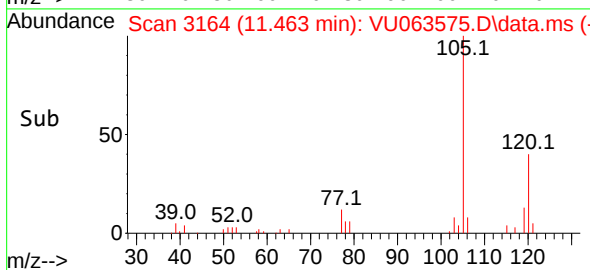
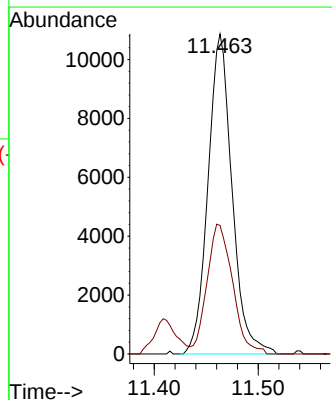
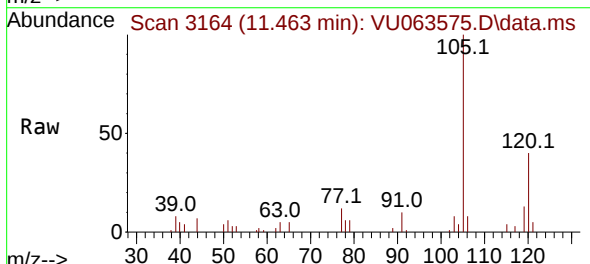
Instrument :
MSVOA_U
ClientSampleId :

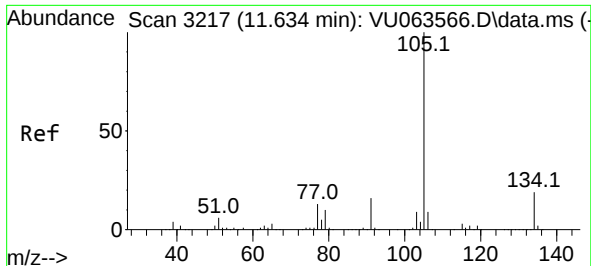
Tgt Ion	Ratio	Lower	Upper
119	100		
91	63.3	31.0	93.0
134	24.9	19.0	28.6



#78
1,2,4-Trimethylbenzene
Concen: 0.443 ug/l
RT: 11.463 min Scan# 3164
Delta R.T. 0.003 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11

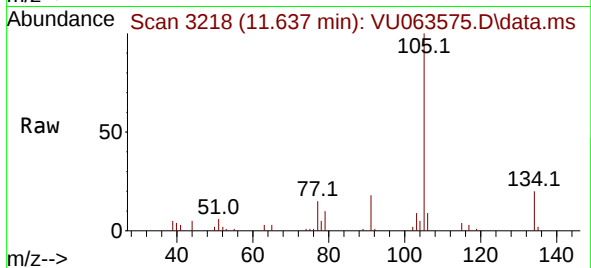
Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.2	22.4	67.3



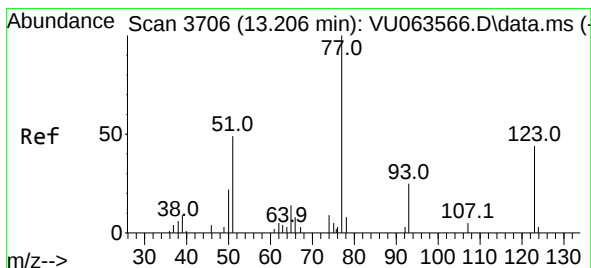
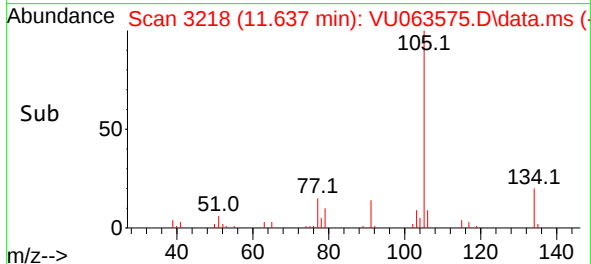
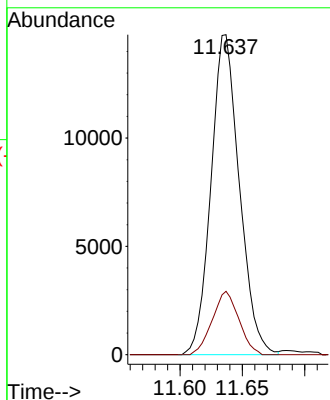


#79
 sec-Butylbenzene
 Concen: 0.443 ug/l
 RT: 11.637 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU063575.D
 Acq: 15 Sep 2025 13:11

Instrument :
 MSVOA_U
 ClientSampleId :

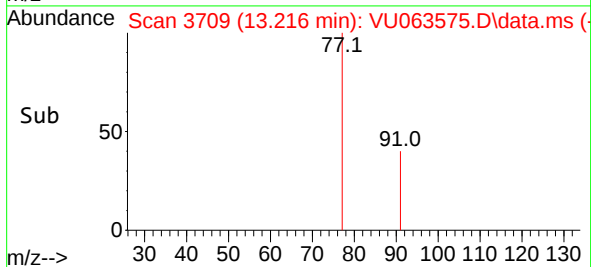
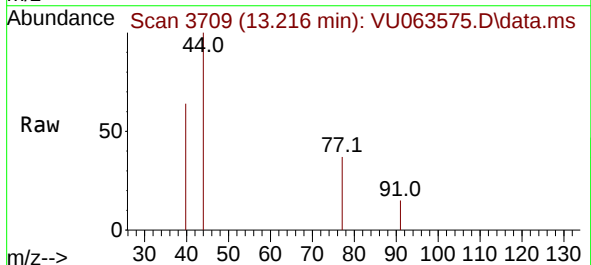
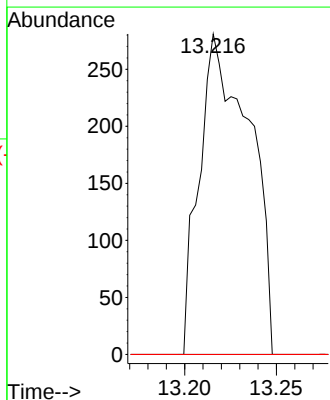


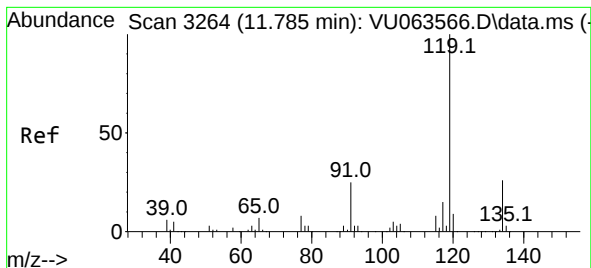
Tgt Ion:105 Resp: 23426
 Ion Ratio Lower Upper
 105 100
 134 18.5 15.6 23.4



#80
 Nitrobenzene
 Concen: 3.914 ug/l
 RT: 13.216 min Scan# 3709
 Delta R.T. 0.010 min
 Lab File: VU063575.D
 Acq: 15 Sep 2025 13:11

Tgt Ion: 77 Resp: 533
 Ion Ratio Lower Upper
 77 100
 123 0.0 18.0 63.6#
 65 0.0 12.8 16.4#

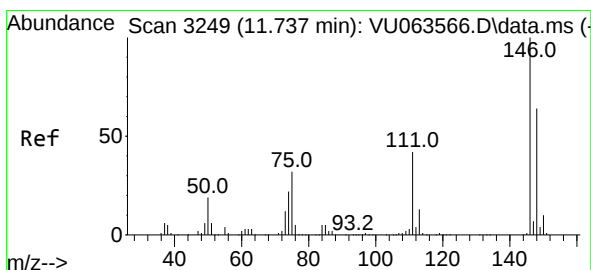
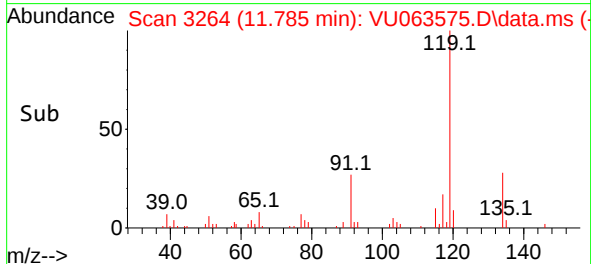
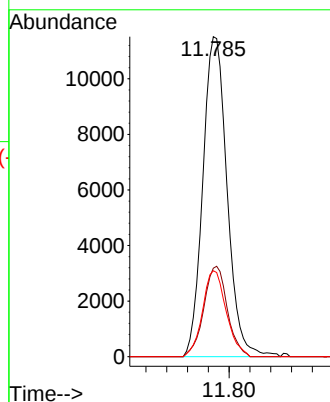
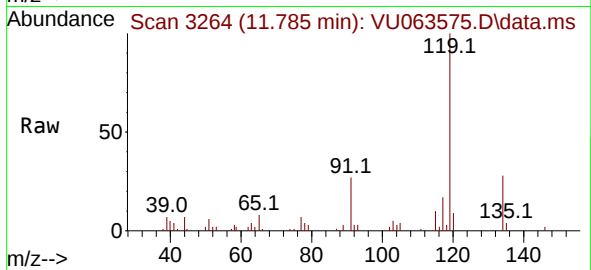




#81
p-Isopropyltoluene
Concen: 0.438 ug/l
RT: 11.785 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11

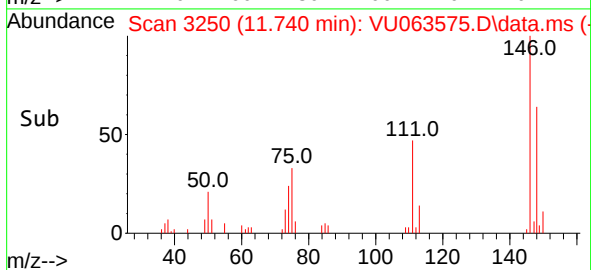
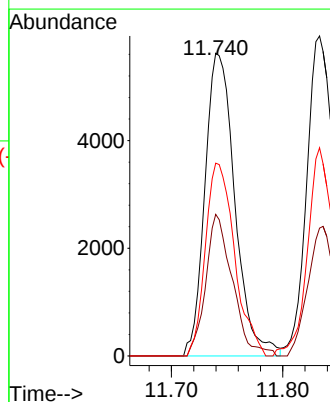
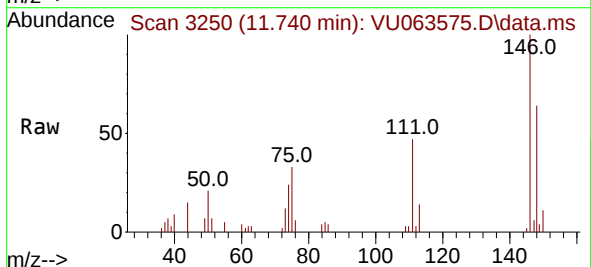
Instrument :
MSVOA_U
ClientSampleId :

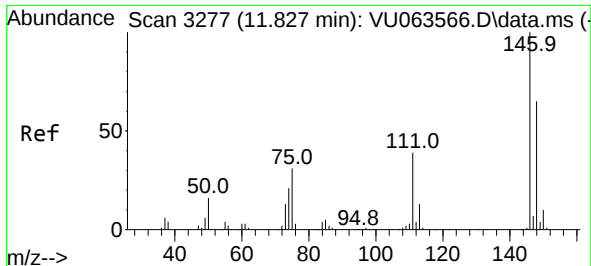
Tgt Ion:	119	Resp:	18667
Ion	Ratio	Lower	Upper
119	100		
134	27.3	20.6	30.8
91	26.2	19.8	29.6



#82
1,3-Dichlorobenzene
Concen: 0.466 ug/l
RT: 11.740 min Scan# 3250
Delta R.T. 0.003 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11

Tgt Ion:	146	Resp:	10517
Ion	Ratio	Lower	Upper
146	100		
111	41.7	32.7	49.1
148	62.0	50.4	75.6

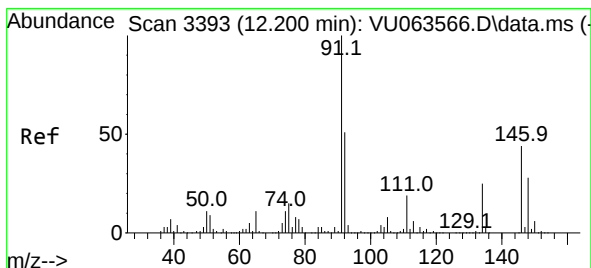
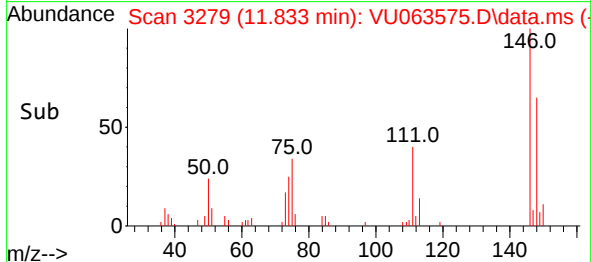
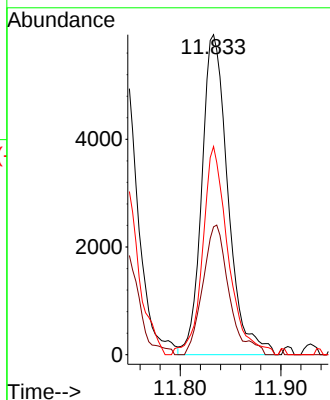
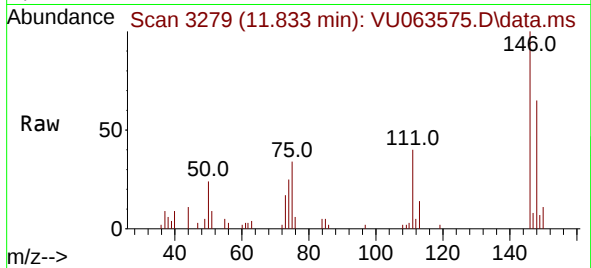




#83
1,4-Dichlorobenzene
Concen: 0.464 ug/l
RT: 11.833 min Scan# 31
Delta R.T. 0.006 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11

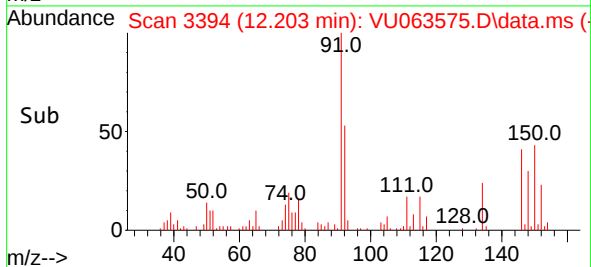
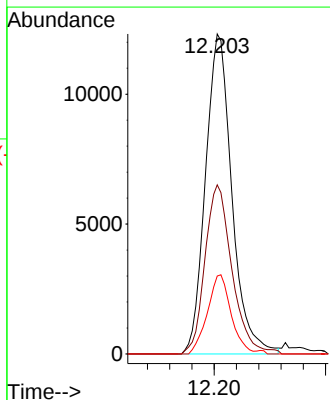
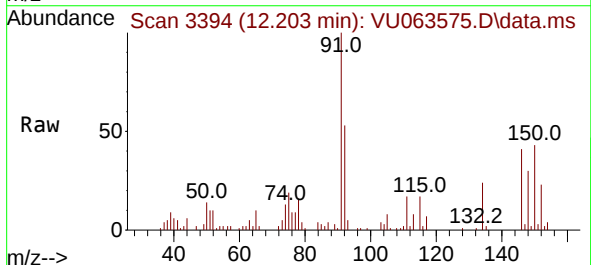
Instrument :
MSVOA_U
ClientSampleId :

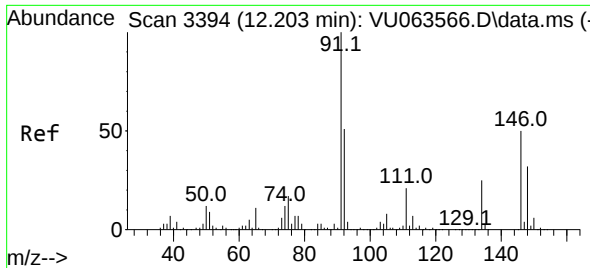
Tgt Ion:146 Resp: 10739
Ion Ratio Lower Upper
146 100
111 40.5 31.6 47.4
148 63.5 51.8 77.8



#84
n-Butylbenzene
Concen: 0.508 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. 0.003 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11

Tgt Ion: 91 Resp: 20265
Ion Ratio Lower Upper
91 100
92 54.0 41.3 61.9
134 22.5 19.9 29.9

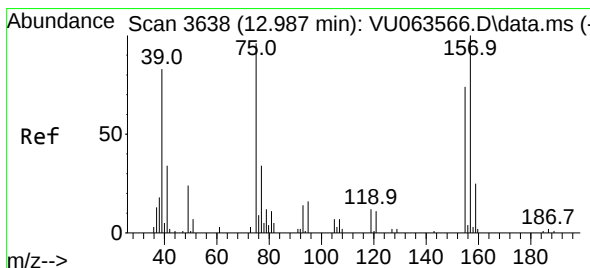
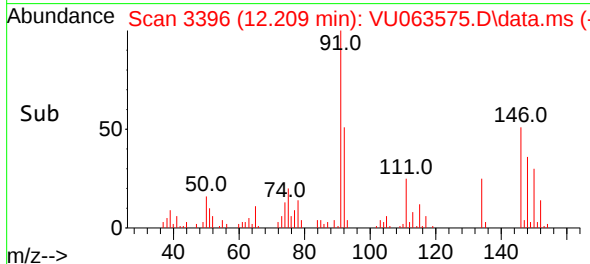
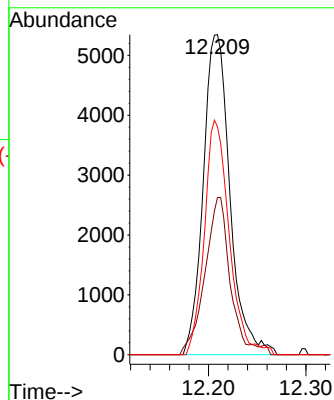
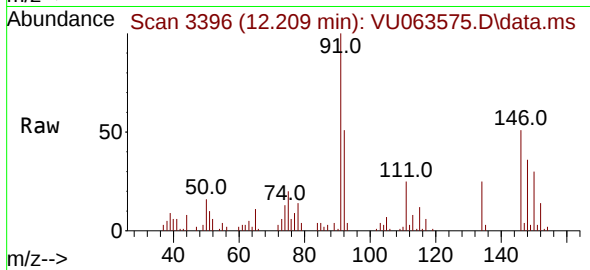




#85
1,2-Dichlorobenzene
Concen: 0.469 ug/l
RT: 12.209 min Scan# 31
Delta R.T. 0.006 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11

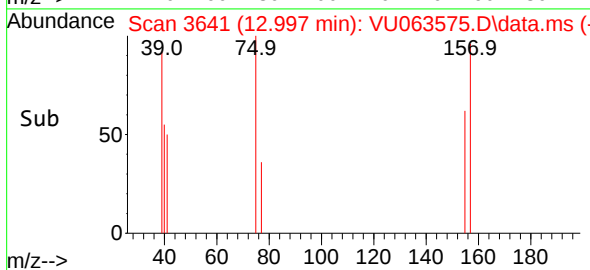
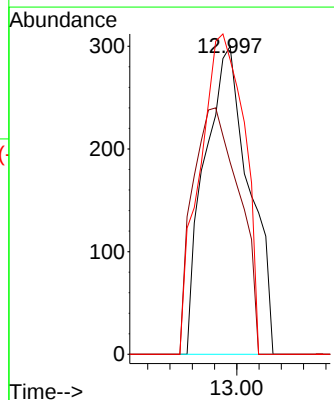
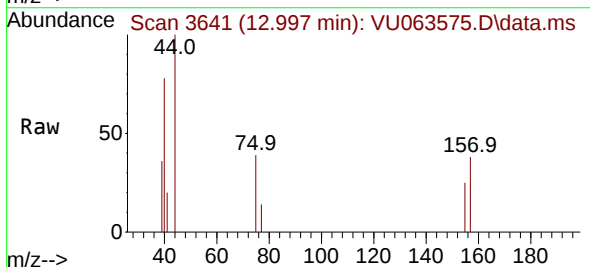
Instrument :
MSVOA_U
ClientSampleId :

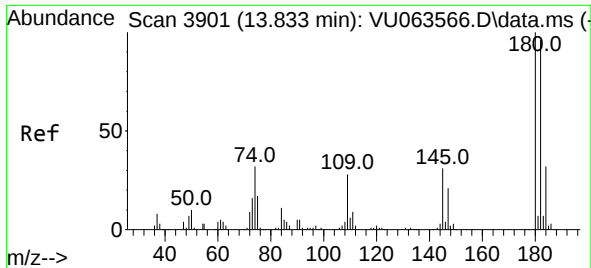
Tgt Ion:146 Resp: 10207
Ion Ratio Lower Upper
146 100
111 46.0 21.0 63.0
148 68.2 31.8 95.3



#86
1,2-Dibromo-3-Chloropropane
Concen: 0.325 ug/l
RT: 12.997 min Scan# 3641
Delta R.T. 0.010 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11

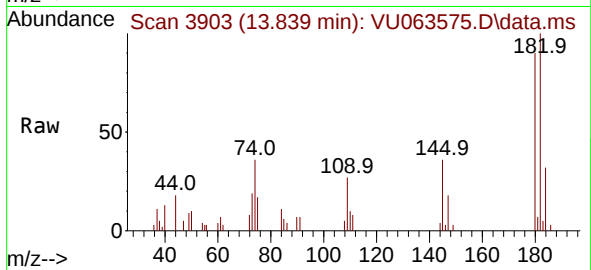
Tgt Ion: 75 Resp: 416
Ion Ratio Lower Upper
75 100
155 83.9 64.1 96.1
157 104.6 84.2 126.4





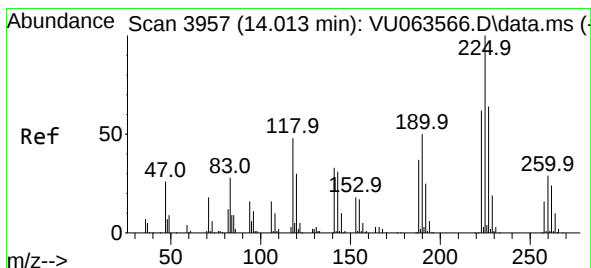
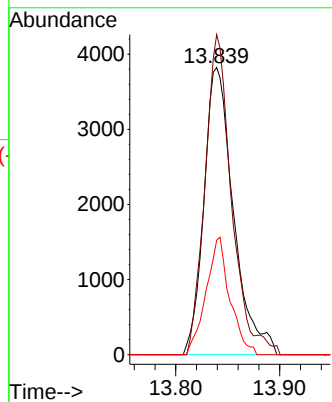
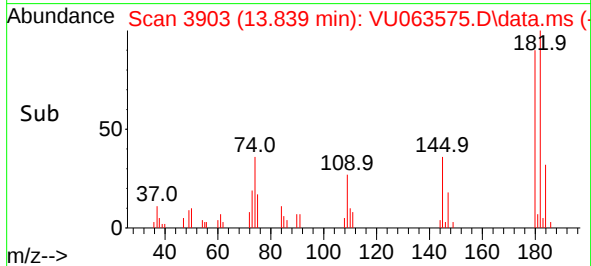
#87
 1,2,4-Trichlorobenzene
 Concen: 0.574 ug/l
 RT: 13.839 min Scan# 3901
 Delta R.T. 0.006 min
 Lab File: VU063575.D
 Acq: 15 Sep 2025 13:11

Instrument :
 MSVOA_U
 ClientSampleId :

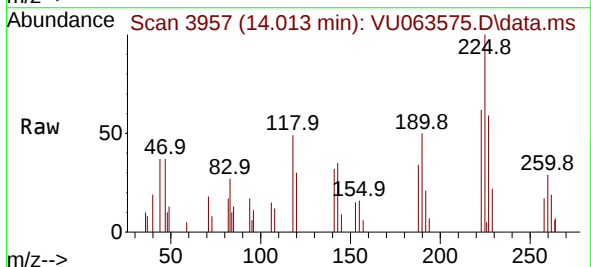


Tgt Ion:180 Resp: 7556

Ion	Ratio	Lower	Upper
180	100		
182	100.2	77.1	115.7
145	32.9	25.0	37.4

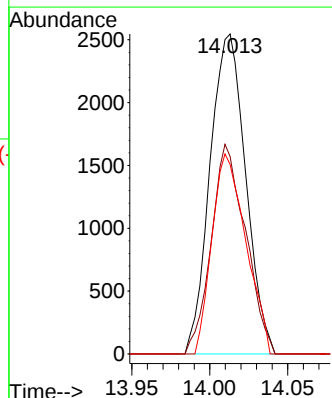
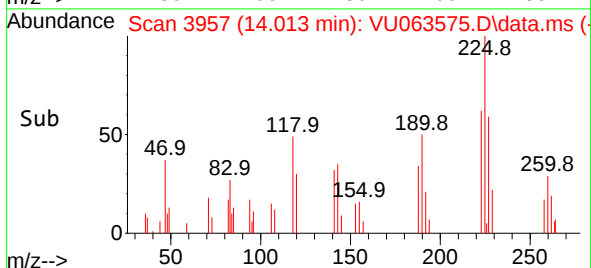


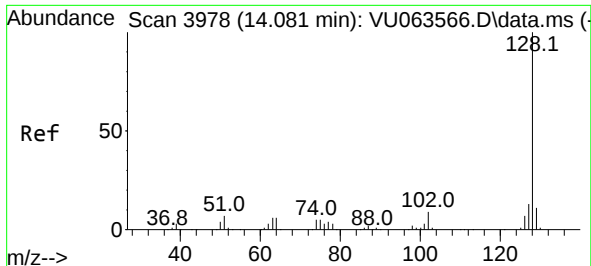
#88
 Hexachlorobutadiene
 Concen: 0.494 ug/l
 RT: 14.013 min Scan# 3957
 Delta R.T. -0.000 min
 Lab File: VU063575.D
 Acq: 15 Sep 2025 13:11



Tgt Ion:225 Resp: 4048

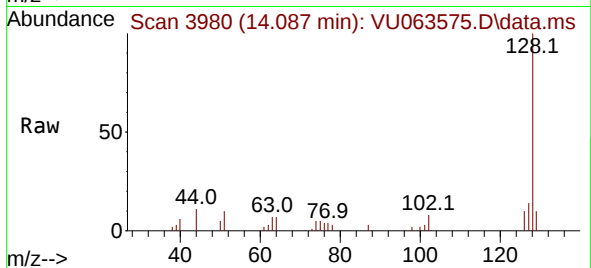
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.2	75.2
227	59.3	51.6	77.4



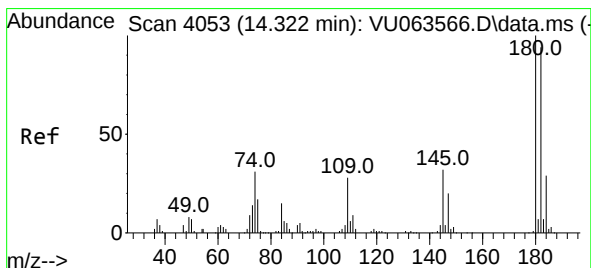
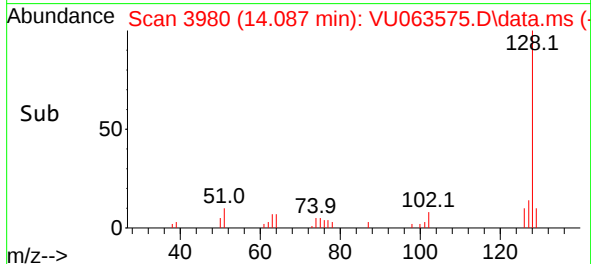
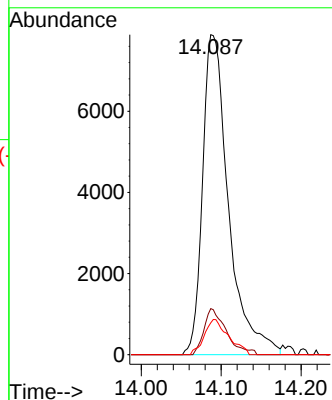


#89
Naphthalene
Concen: 0.765 ug/l
RT: 14.087 min Scan# 3978
Delta R.T. 0.006 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	128	Resp:	17806
Ion Ratio	Lower	Upper	
128	100		
127	12.4	10.2	15.4
129	10.2	8.6	13.0



#90
1,2,3-Trichlorobenzene
Concen: 0.612 ug/l
RT: 14.328 min Scan# 4055
Delta R.T. 0.006 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11

Tgt Ion:	180	Resp:	7652
Ion Ratio	Lower	Upper	
180	100		
182	101.1	76.8	115.2
145	36.3	26.6	40.0

