

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091625\
 Data File : VU063593.D
 Acq On : 16 Sep 2025 14:10
 Operator : MD/SY
 Sample : Q2893-09
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 17 03:31:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U091225DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Sep 17 03:28:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.097	96	32522	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	10581	0.873	ug/l	0.00
Spiked Amount 1.000			Recovery	=	87.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	11111	0.900	ug/l	0.00
Spiked Amount 1.000			Recovery	=	90.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	3714	0.346	ug/l	99
3) Chloromethane	1.518	50	4351	0.414	ug/l	96
4) Vinyl Chloride	1.599	62	4223	0.371	ug/l	98
5) Bromomethane	1.840	94	3298	0.469	ug/l	99
6) Chloroethane	1.920	64	2659	0.363	ug/l	# 86
7) Trichlorofluoromethane	2.123	101	6254	0.374	ug/l	96
8) 1,1,2-Trichloro-1,2,2-...	2.567	101	3202	0.342	ug/l	93
9) 1,1-Dichloroethene	2.567	96	2782	0.328	ug/l	88
10) Iodomethane	2.708	142	4397	0.361	ug/l	92
11) Allyl Chloride	2.907	41	5321	0.378	ug/l	97
12) Acrylonitrile	3.303	53	2073	0.808	ug/l	96
13) Acetone	2.618	43	5452	1.501	ug/l	93
14) Carbon Disulfide	2.776	76	5664	0.320	ug/l	99
15) Methylene Chloride	3.030	84	8129	0.726	ug/l	98
16) trans-1,2-Dichloroethene	3.335	96	3268	0.362	ug/l	95
17) 1,1-Dichloroethane	3.850	63	7713	0.373	ug/l	94
18) 2-Butanone	4.718	43	7665	1.853	ug/l	94
19) Cyclohexane	5.358	56	5914	0.357	ug/l	96
20) Methylcyclohexane	6.743	83	5000	0.329	ug/l	92
21) 2,2-Dichloropropane	4.641	77	5057	0.331	ug/l	# 72
22) cis-1,2-Dichloroethene	4.650	96	4424	0.399	ug/l	97
23) Diethyl Ether	2.371	59	2524	0.336	ug/l	# 78
24) tert-Butyl Alcohol	3.187	59	7393	7.425	ug/l	# 82
25) Methyl tert-Butyl Ether	3.361	73	9133	0.361	ug/l	98
26) Bromochloromethane	4.949	128	679	0.152	ug/l	# 1
27) Chloroform	5.071	83	7736	0.374	ug/l	88
28) 1,1,1-Trichloroethane	5.290	97	5982	0.376	ug/l	93
29) 1,1-Dichloropropene	5.502	75	5680	0.384	ug/l	92
30) Carbon Tetrachloride	5.493	117	3689	0.315	ug/l	# 89
31) Isopropyl Ether	3.991	45	13235	0.382	ug/l	94
32) Ethyl-t-butyl ether	4.502	59	11281	0.381	ug/l	97
33) Tert-Amyl methyl ether	5.940	73	9858	0.391	ug/l	99
34) Propionitrile	4.779	54	1884	1.947	ug/l	# 80
35) Benzene	5.753	78	16034	0.377	ug/l	96
36) 1,2-Dichloroethane	5.782	62	5528	0.385	ug/l	97
37) Trichloroethene	6.528	130	3669	0.346	ug/l	96
38) 1,2-Dichloropropane	6.779	63	3931	0.349	ug/l	98
39) Methacrylonitrile	4.972	41	1370	0.300	ug/l	# 81
40) Methyl acrylate	4.846	55	2742	0.438	ug/l	# 87
41) Tetrahydrofuran	5.065	42	2359	0.991	ug/l	# 85
42) 1-Chlorobutane	5.438	56	7793	0.376	ug/l	97
43) Dibromomethane	6.911	93	1773	0.328	ug/l	94
44) Bromodichloromethane	7.094	83	3403	0.295	ug/l	# 78

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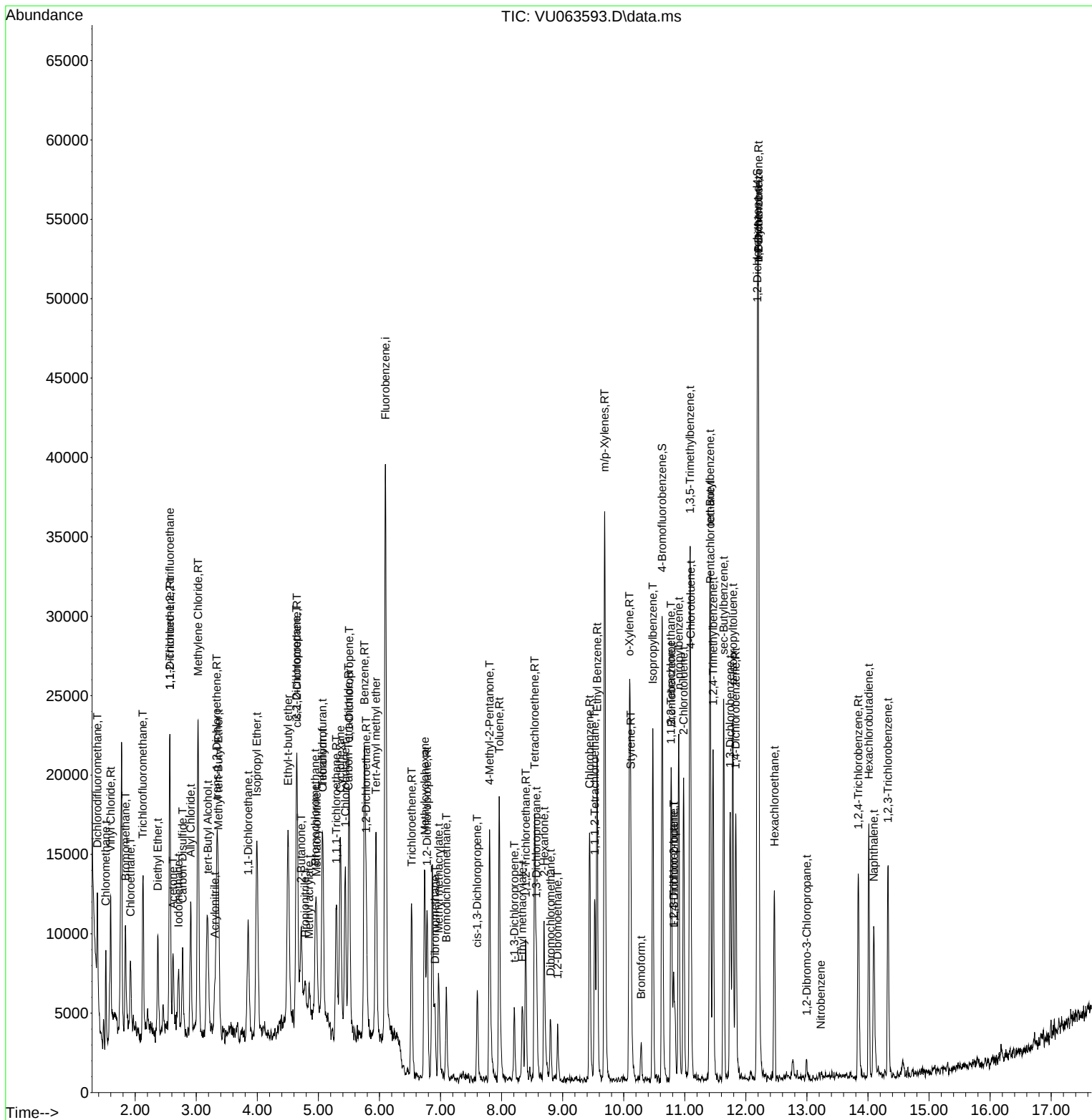
Instrument :
 MSVOA_U
 ClientSampleId :

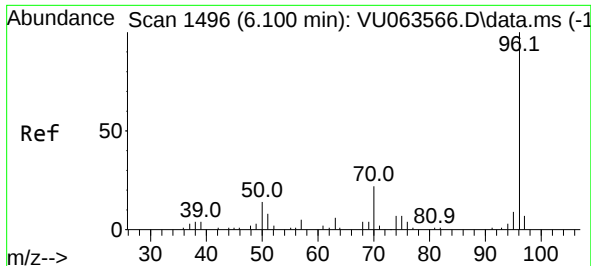
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U091225DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Sep 17 03:28:19 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.801	43	11510	1.700	ug/l	95
46) t-1,4-Dichloro-2-butene	10.817	75	3240	1.279	ug/l #	65
47) Methyl methacrylate	6.968	69	3220	0.666	ug/l	94
48) Ethyl methacrylate	8.338	69	2858	0.319	ug/l	94
49) Toluene	7.962	92	7842	0.339	ug/l	91
50) t-1,3-Dichloropropene	8.206	75	2475	0.286	ug/l	100
51) cis-1,3-Dichloropropene	7.599	75	3617	0.314	ug/l	91
52) 1,1,2-Trichloroethane	8.396	97	2661	0.348	ug/l	95
53) 1,3-Dichloropropane	8.570	76	4605	0.346	ug/l	97
54) 2-Hexanone	8.695	43	7237	1.463	ug/l	100
55) Dibromochloromethane	8.801	129	2125	0.287	ug/l	97
56) 1,2-Dibromoethane	8.917	107	2205	0.334	ug/l	92
58) Tetrachloroethene	8.541	164	3557	0.341	ug/l	94
59) Chlorobenzene	9.441	112	9340	0.351	ug/l	96
60) 1,1,1,2-Tetrachloroethane	9.525	131	2541	0.292	ug/l #	88
61) Pentachloroethane	11.418	117	2170	0.348	ug/l	85
62) Hexachloroethane	12.467	117	1643	0.303	ug/l #	78
63) Ethyl Benzene	9.563	91	15346	0.338	ug/l	98
64) m/p-Xylenes	9.685	106	10818	0.619	ug/l	100
65) o-Xylene	10.094	106	5134	0.294	ug/l	83
66) Styrene	10.116	104	7987	0.286	ug/l	91
67) Bromoform	10.283	173	1145	0.310	ug/l #	67
69) Isopropylbenzene	10.476	105	13386	0.315	ug/l	97
70) 1,1,2,2-Tetrachloroethane	10.772	83	3094	0.318	ug/l #	94
71) 1,2,3-Trichloropropane	10.817	75	3240	0.449	ug/l #	82
72) Bromobenzene	10.779	156	3979	0.361	ug/l	94
73) n-propylbenzene	10.901	120	3762	0.307	ug/l	88
74) 2-Chlorotoluene	10.978	126	3649	0.329	ug/l	96
75) 1,3,5-Trimethylbenzene	11.084	105	13054	0.329	ug/l	100
76) 4-Chlorotoluene	11.097	126	3734	0.321	ug/l	97
77) tert-Butylbenzene	11.412	119	12925	0.337	ug/l	97
78) 1,2,4-Trimethylbenzene	11.463	105	11707	0.303	ug/l	98
79) sec-Butylbenzene	11.637	105	16321	0.314	ug/l	98
80) Nitrobenzene	13.225	77	205	1.532	ug/l #	42
81) p-Isopropyltoluene	11.788	119	12659	0.303	ug/l	97
82) 1,3-Dichlorobenzene	11.743	146	7456	0.337	ug/l	96
83) 1,4-Dichlorobenzene	11.833	146	7699	0.338	ug/l	96
84) n-Butylbenzene	12.206	91	12244	0.312	ug/l	97
85) 1,2-Dichlorobenzene	12.206	146	7682	0.360	ug/l	93
86) 1,2-Dibromo-3-Chloropr...	12.997	75	221	0.176	ug/l #	54
87) 1,2,4-Trichlorobenzene	13.840	180	4449	0.344	ug/l	97
88) Hexachlorobutadiene	14.013	225	2590	0.322	ug/l	96
89) Naphthalene	14.094	128	10164	0.444	ug/l	97
90) 1,2,3-Trichlorobenzene	14.325	180	4627	0.377	ug/l	97

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

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QLast Update : Wed Sep 17 03:28:19 2025
Response via : Initial Calibration

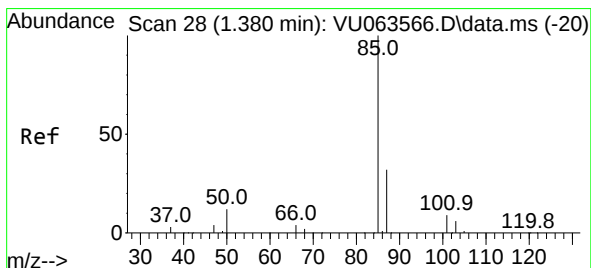
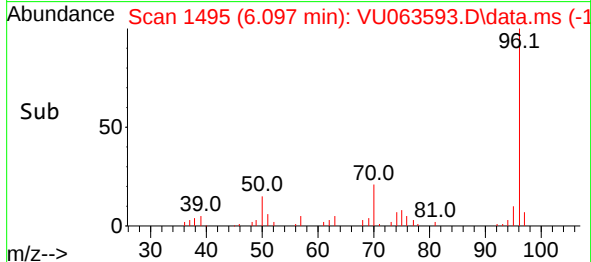
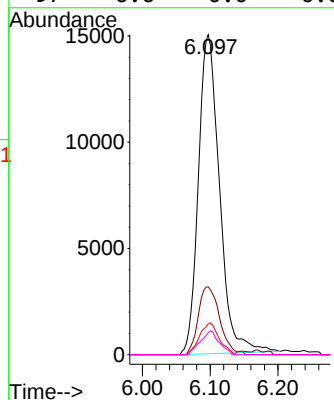
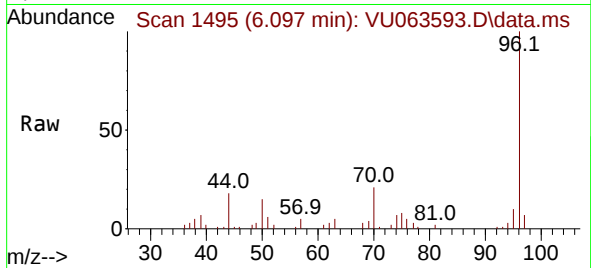




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.097 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU063593.D
Acq: 16 Sep 2025 14:10

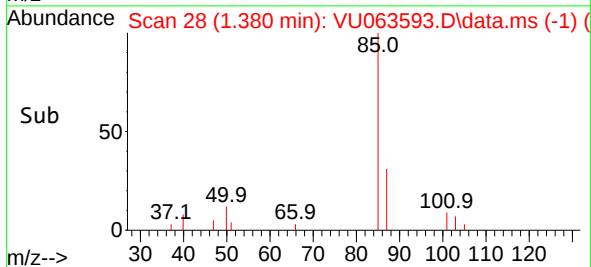
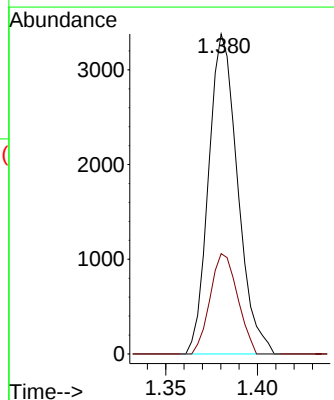
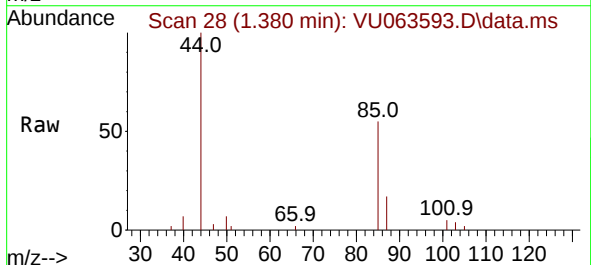
Instrument :
MSVOA_U
ClientSampleId :

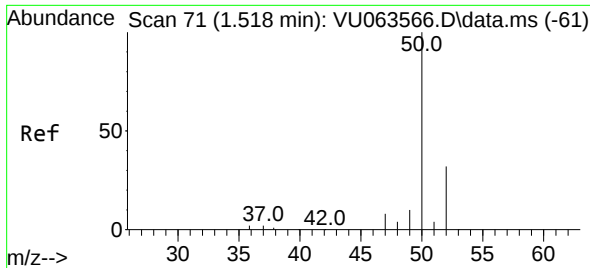
Tgt Ion: 96	Resp: 32522
Ion Ratio	Lower Upper
96 100	
70 20.3	15.5 23.3
95 9.2	7.7 11.5
97 6.6	0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 0.346 ug/l
RT: 1.380 min Scan# 28
Delta R.T. 0.000 min
Lab File: VU063593.D
Acq: 16 Sep 2025 14:10

Tgt Ion: 85	Resp: 3714
Ion Ratio	Lower Upper
85 100	
87 31.4	16.1 48.2

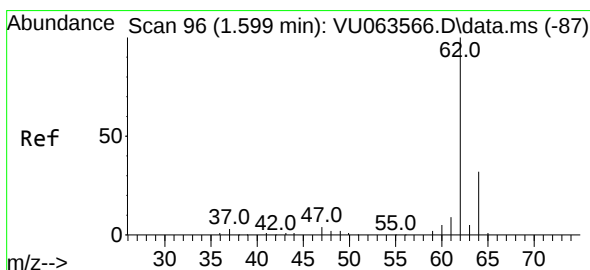
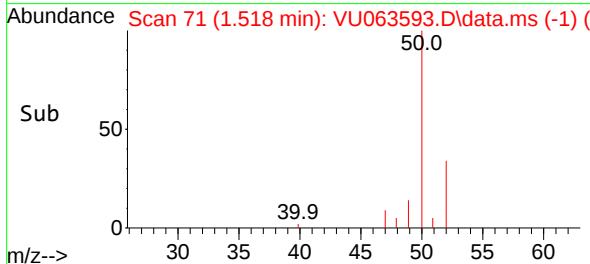
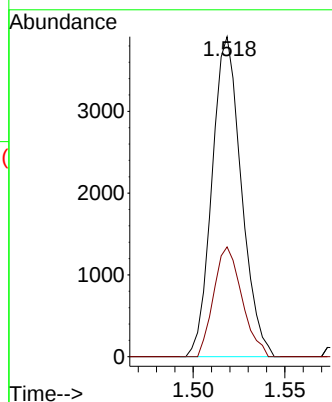
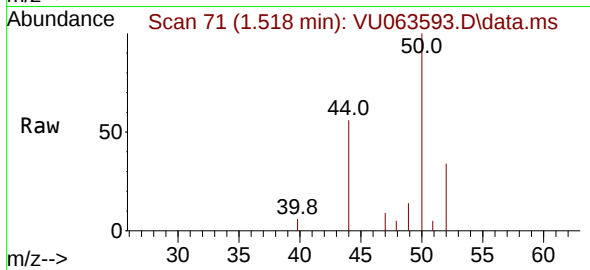




#3
Chloromethane
Concen: 0.414 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU063593.D
Acq: 16 Sep 2025 14:10

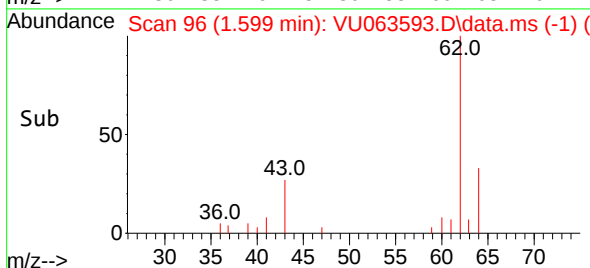
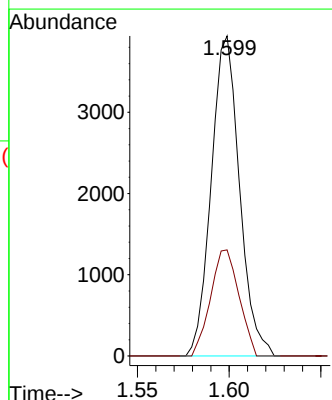
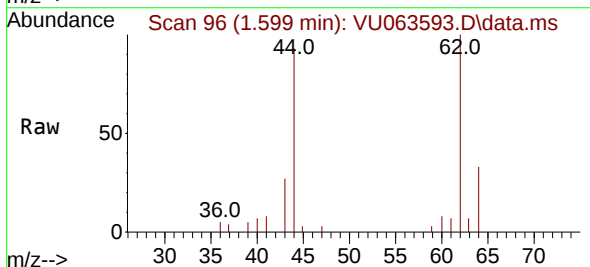
Instrument :
MSVOA_U
ClientSampleId :

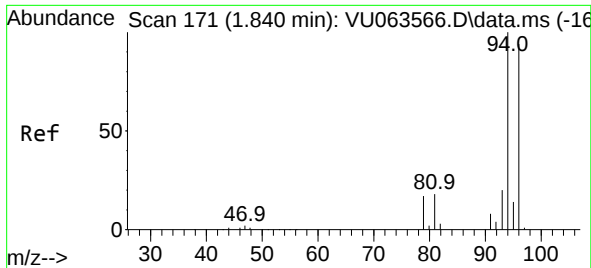
Tgt Ion: 50 Resp: 4351
Ion Ratio Lower Upper
50 100
52 34.3 25.6 38.4



#4
Vinyl Chloride
Concen: 0.371 ug/l
RT: 1.599 min Scan# 96
Delta R.T. 0.000 min
Lab File: VU063593.D
Acq: 16 Sep 2025 14:10

Tgt Ion: 62 Resp: 4223
Ion Ratio Lower Upper
62 100
64 33.2 25.5 38.3

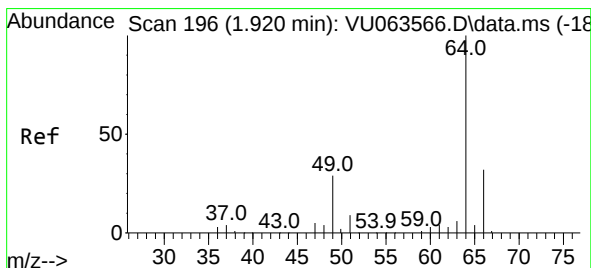
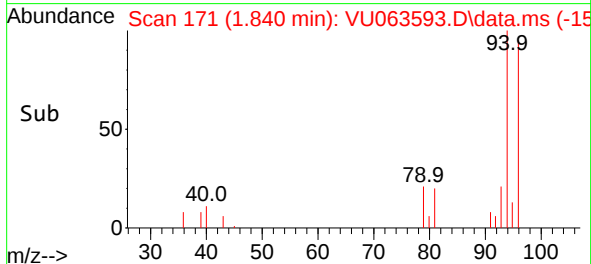
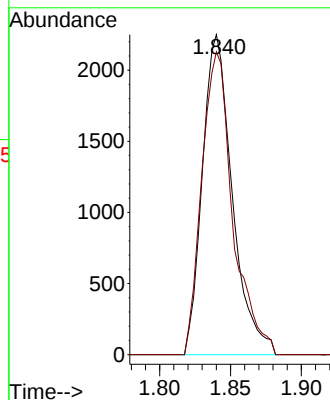
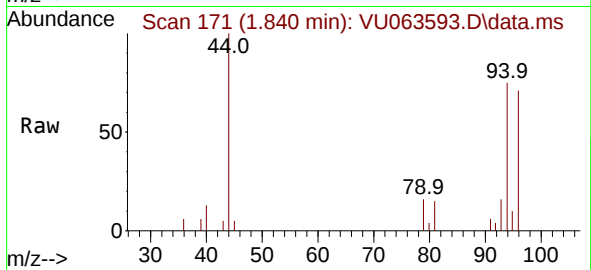




#5
Bromomethane
Concen: 0.469 ug/l
RT: 1.840 min Scan# 171
Delta R.T. 0.000 min
Lab File: VU063593.D
Acq: 16 Sep 2025 14:10

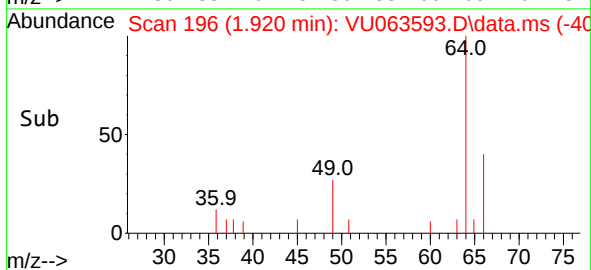
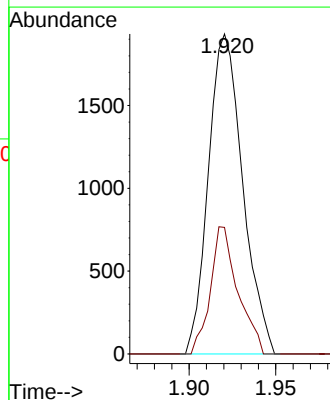
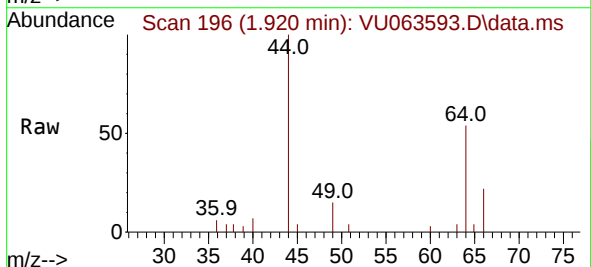
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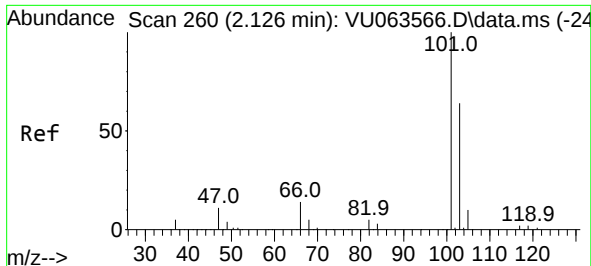
Tgt Ion: 94 Resp: 3298
Ion Ratio Lower Upper
94 100
96 94.7 75.1 112.7



#6
Chloroethane
Concen: 0.363 ug/l
RT: 1.920 min Scan# 196
Delta R.T. 0.000 min
Lab File: VU063593.D
Acq: 16 Sep 2025 14:10

Tgt Ion: 64 Resp: 2659
Ion Ratio Lower Upper
64 100
66 39.5 25.4 38.0#

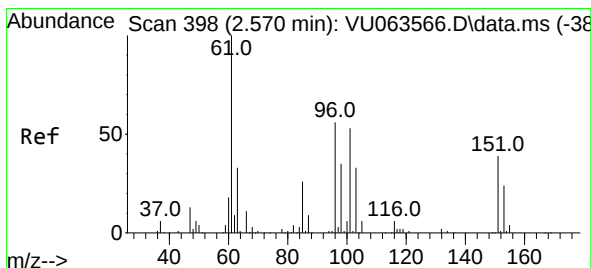
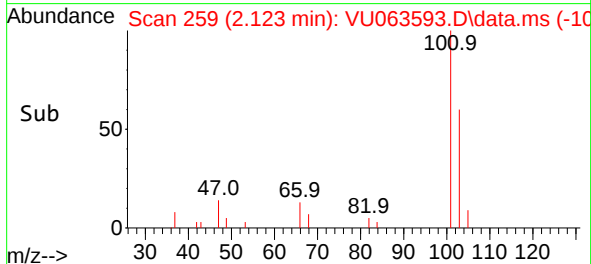
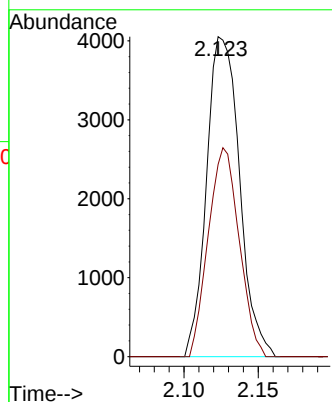
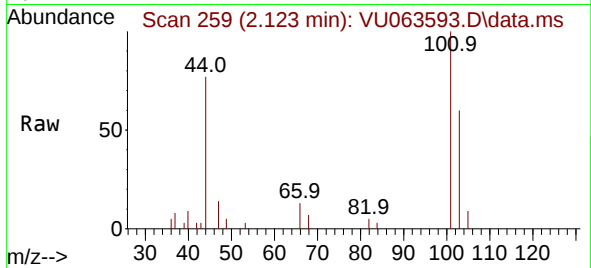




#7
 Trichlorofluoromethane
 Concen: 0.374 ug/l
 RT: 2.123 min Scan# 210
 Delta R.T. -0.003 min
 Lab File: VU063593.D
 Acq: 16 Sep 2025 14:10

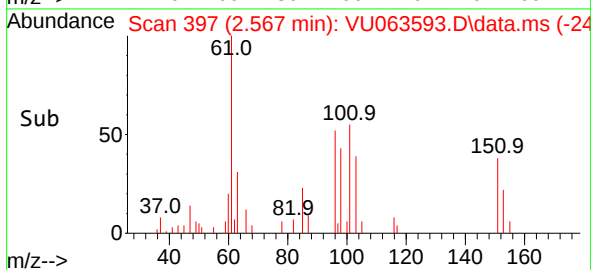
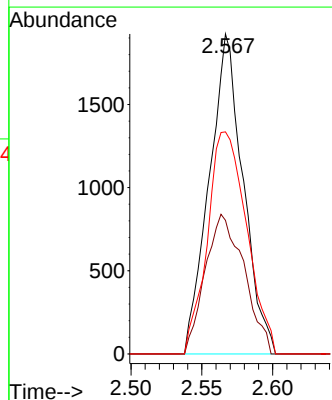
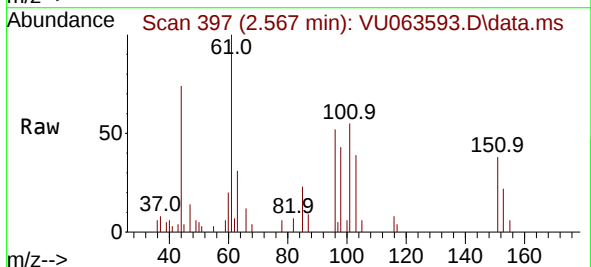
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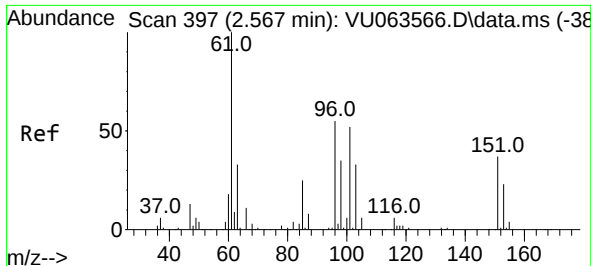
Tgt Ion:101 Resp: 6254
 Ion Ratio Lower Upper
 101 100
 103 60.1 50.8 76.2



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.342 ug/l
 RT: 2.567 min Scan# 397
 Delta R.T. -0.003 min
 Lab File: VU063593.D
 Acq: 16 Sep 2025 14:10

Tgt Ion:101 Resp: 3202
 Ion Ratio Lower Upper
 101 100
 85 50.2 38.7 58.1
 151 80.3 58.2 87.2

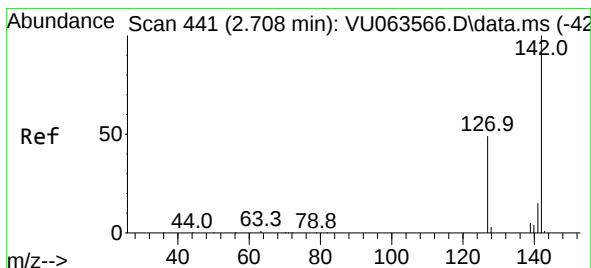
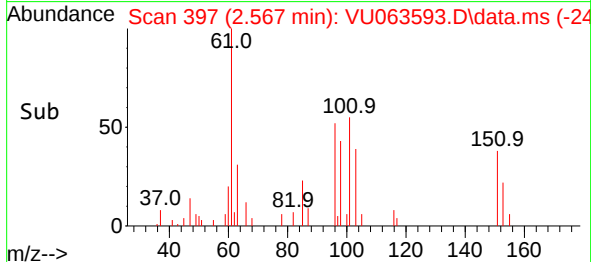
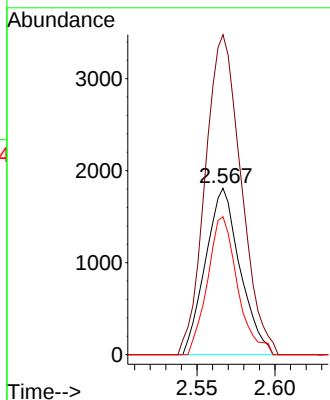
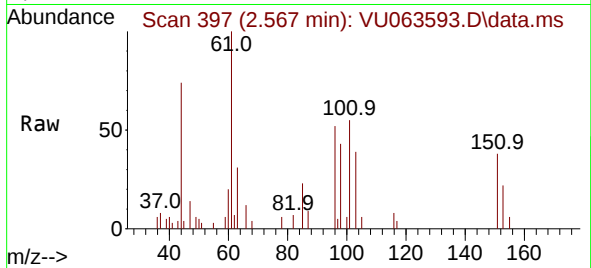




#9
1,1-Dichloroethene
Concen: 0.328 ug/l
RT: 2.567 min Scan# 397
Delta R.T. 0.000 min
Lab File: VU063593.D
Acq: 16 Sep 2025 14:10

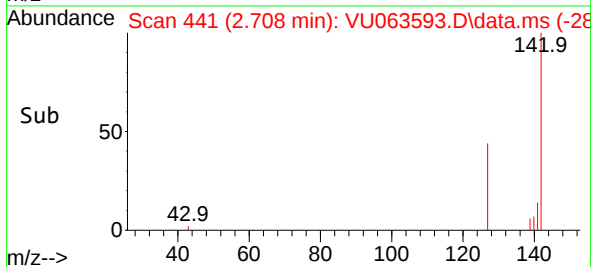
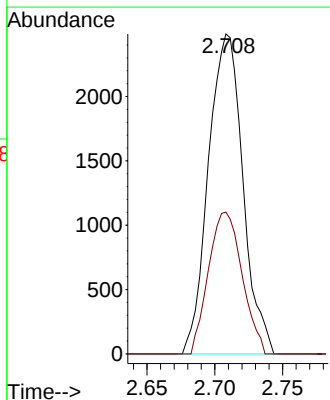
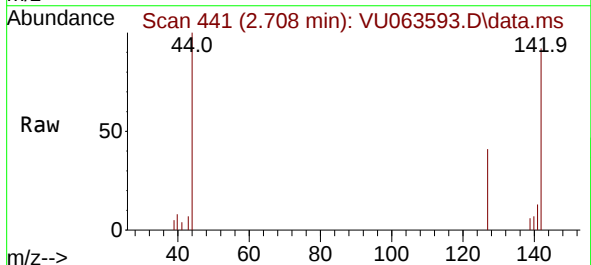
Instrument :
MSVOA_U
ClientSampleId :

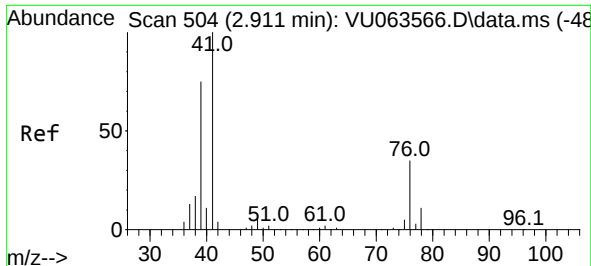
Tgt Ion: 96 Resp: 2782
Ion Ratio Lower Upper
96 100
61 192.4 0.0 543.9
98 83.0 0.0 125.8



#10
Iodomethane
Concen: 0.361 ug/l
RT: 2.708 min Scan# 441
Delta R.T. 0.000 min
Lab File: VU063593.D
Acq: 16 Sep 2025 14:10

Tgt Ion: 142 Resp: 4397
Ion Ratio Lower Upper
142 100
127 43.2 38.6 58.0





#11

Allyl Chloride

Concen: 0.378 ug/l

RT: 2.907 min Scan# 504

Delta R.T. -0.003 min

Lab File: VU063593.D

Acq: 16 Sep 2025 14:10

Instrument :

MSVOA_U

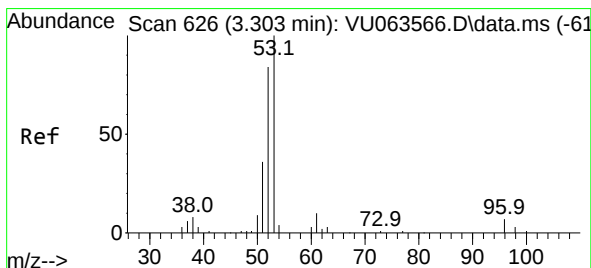
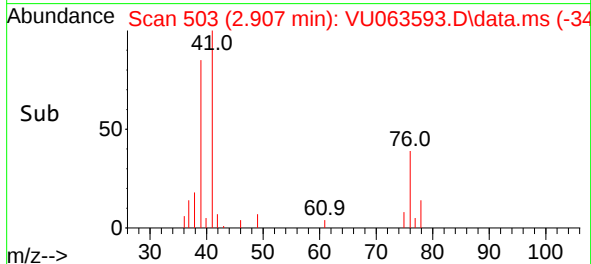
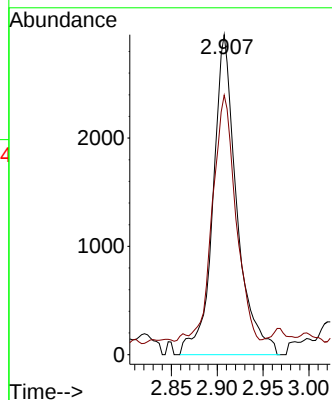
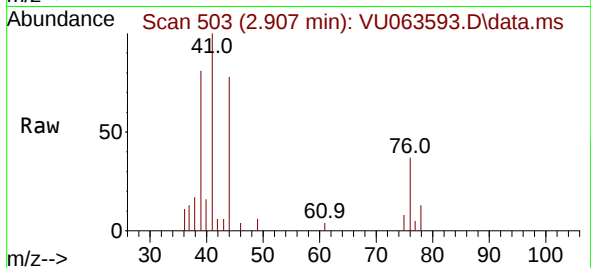
ClientSampleId :

Tgt Ion: 41 Resp: 5321

Ion Ratio Lower Upper

41 100

39 73.6 61.2 91.8



#12

Acrylonitrile

Concen: 0.808 ug/l

RT: 3.303 min Scan# 626

Delta R.T. 0.000 min

Lab File: VU063593.D

Acq: 16 Sep 2025 14:10

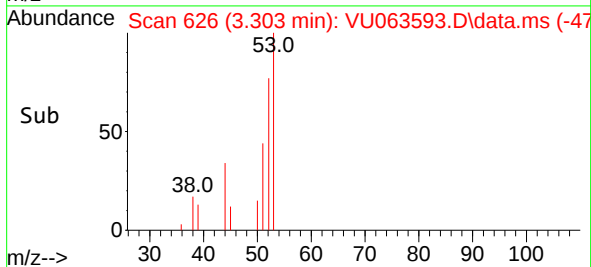
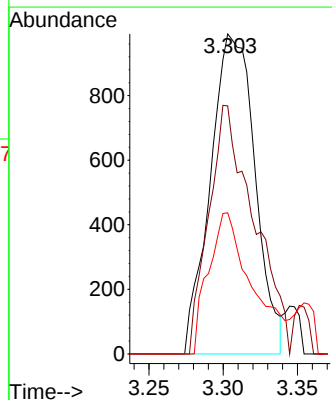
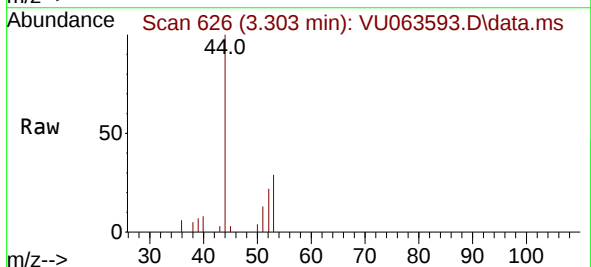
Tgt Ion: 53 Resp: 2073

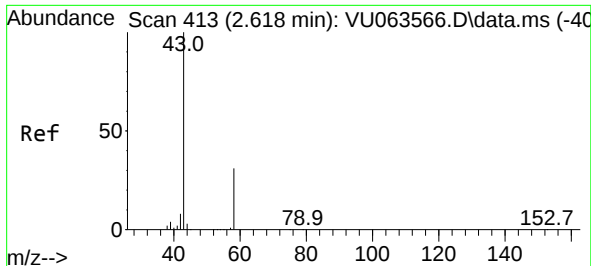
Ion Ratio Lower Upper

53 100

52 78.6 65.0 97.4

51 43.2 31.2 46.8





#13

Acetone

Concen: 1.501 ug/l

RT: 2.618 min Scan# 413

Delta R.T. 0.000 min

Lab File: VU063593.D

Acq: 16 Sep 2025 14:10

Instrument :

MSVOA_U

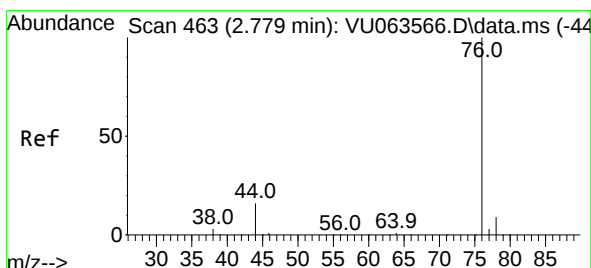
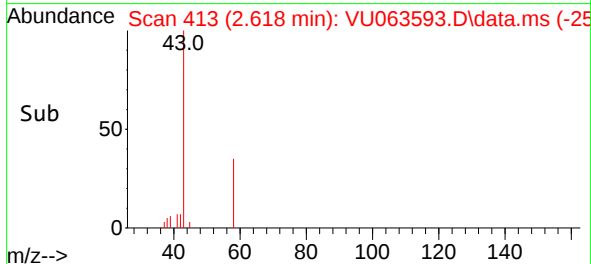
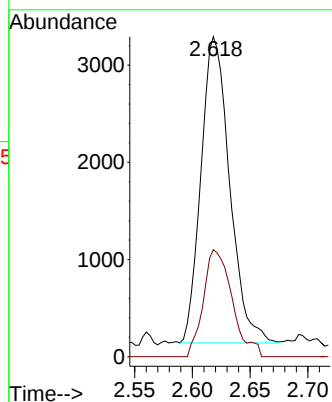
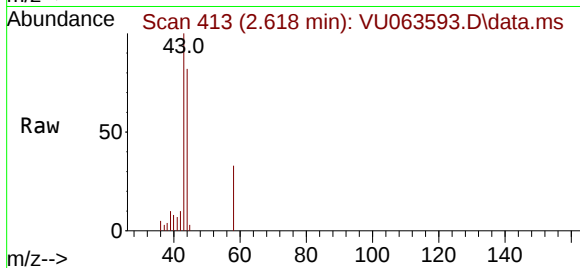
ClientSampleId :

Tgt Ion: 43 Resp: 5452

Ion Ratio Lower Upper

43 100

58 35.0 24.7 37.1



#14

Carbon Disulfide

Concen: 0.320 ug/l

RT: 2.776 min Scan# 462

Delta R.T. -0.003 min

Lab File: VU063593.D

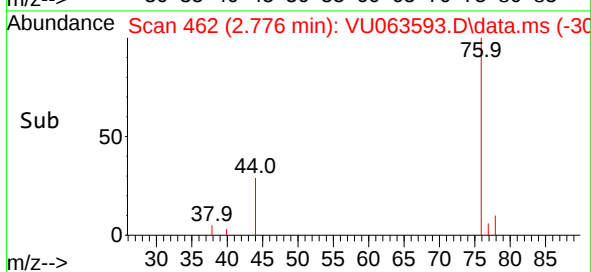
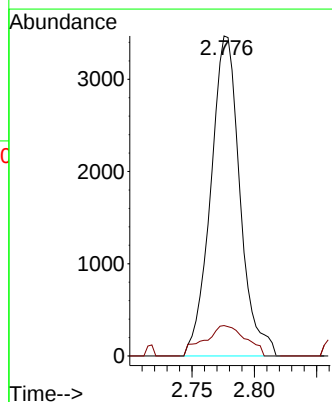
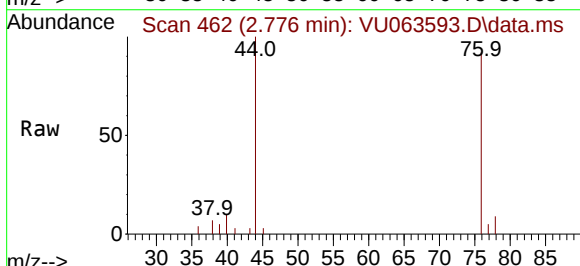
Acq: 16 Sep 2025 14:10

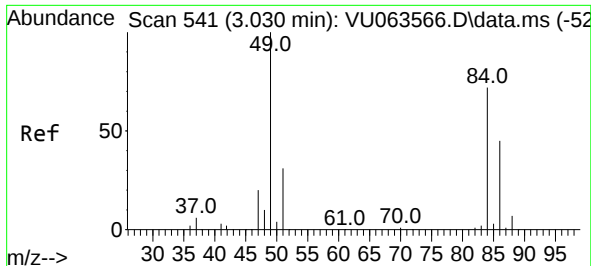
Tgt Ion: 76 Resp: 5664

Ion Ratio Lower Upper

76 100

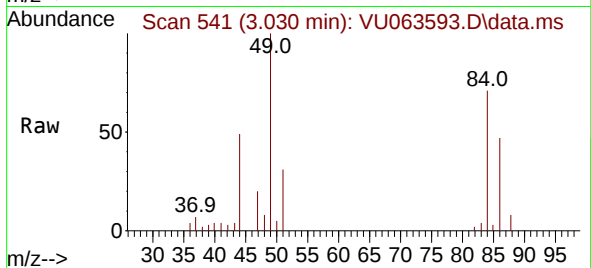
78 9.5 7.3 10.9



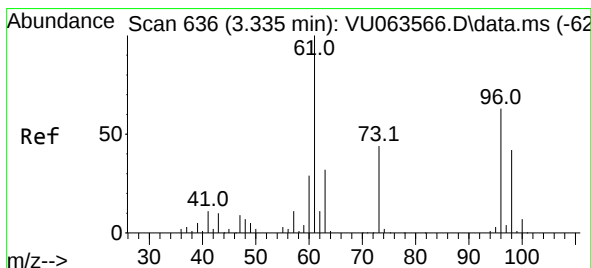
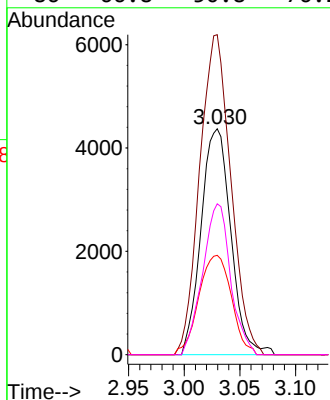
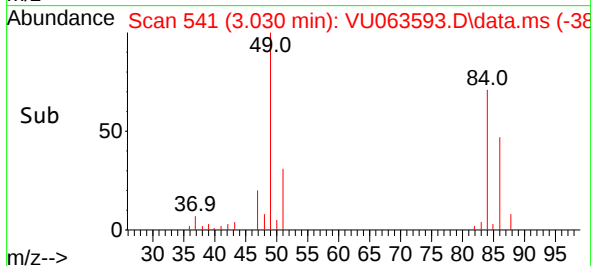


#15
Methylene Chloride
Concen: 0.726 ug/l
RT: 3.030 min Scan# 541
Delta R.T. 0.000 min
Lab File: VU063593.D
Acq: 16 Sep 2025 14:10

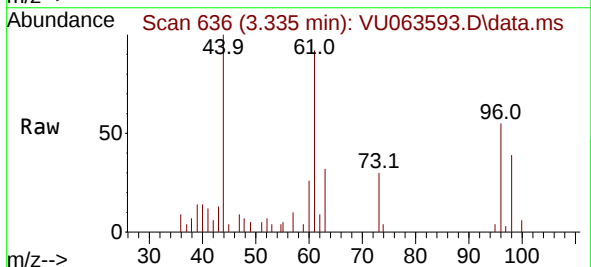
Instrument :
MSVOA_U
ClientSampleId :



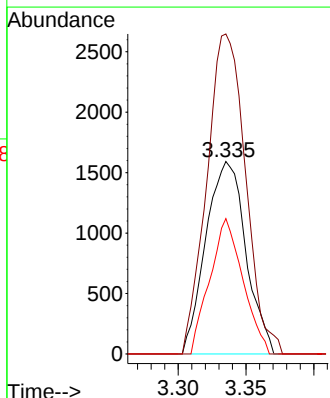
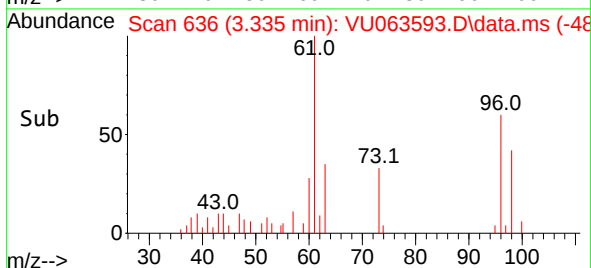
Tgt Ion:	84	Resp:	8129
Ion	Ratio	Lower	Upper
84	100		
49	141.6	111.8	167.6
51	44.0	0.0	86.0
86	66.8	50.8	76.2

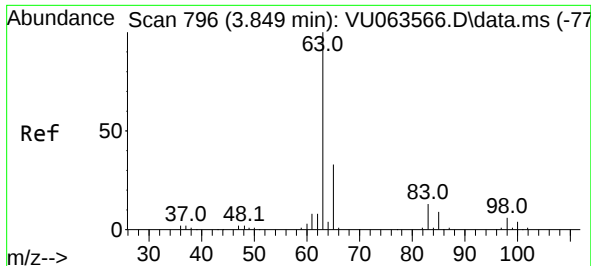


#16
trans-1,2-Dichloroethene
Concen: 0.362 ug/l
RT: 3.335 min Scan# 636
Delta R.T. 0.000 min
Lab File: VU063593.D
Acq: 16 Sep 2025 14:10



Tgt Ion:	96	Resp:	3268
Ion	Ratio	Lower	Upper
96	100		
61	166.3	127.8	191.6
98	70.4	53.8	80.8

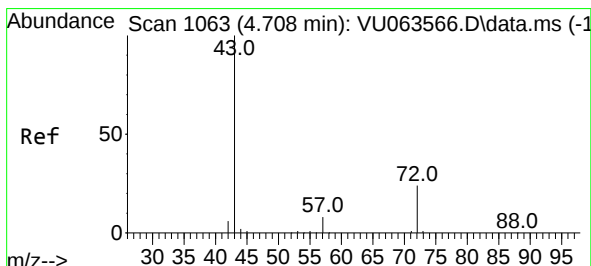
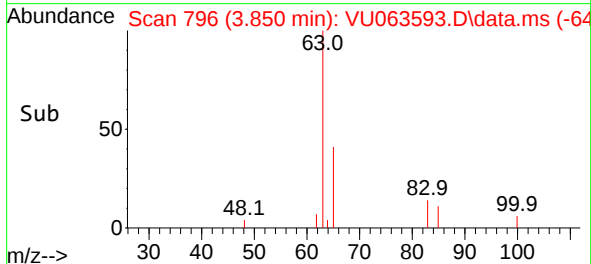
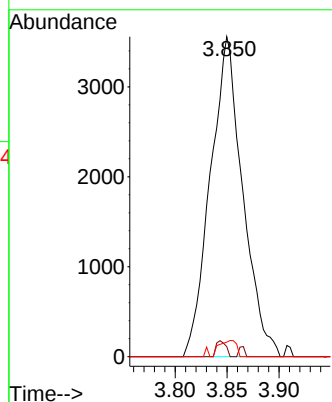
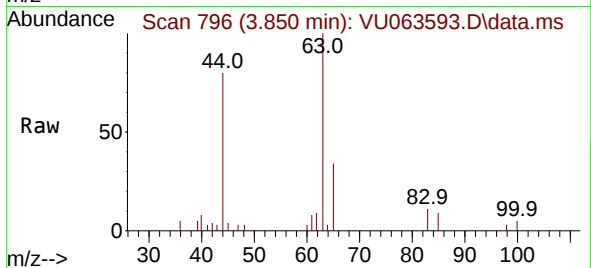




#17
 1,1-Dichloroethane
 Concen: 0.373 ug/l
 RT: 3.850 min Scan# 796
 Delta R.T. 0.000 min
 Lab File: VU063593.D
 Acq: 16 Sep 2025 14:10

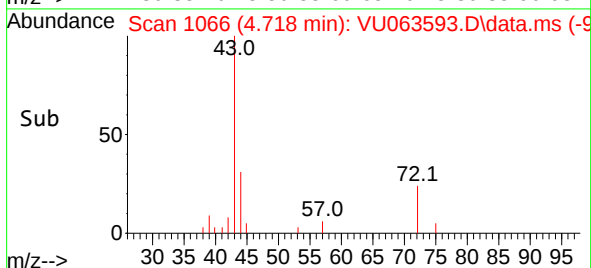
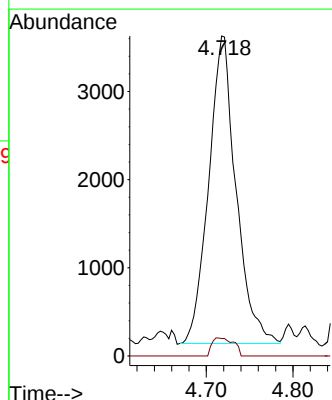
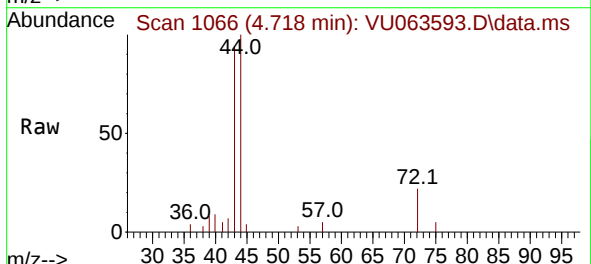
Instrument :
 MSVOA_U
 ClientSampleId :

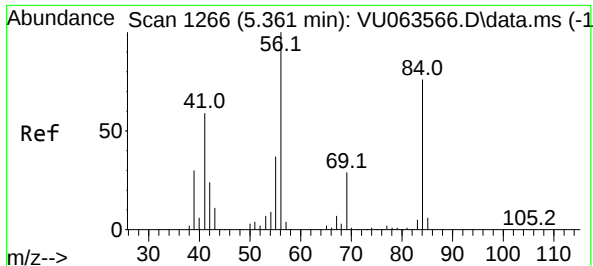
Tgt Ion:	63	Resp:	7713
Ion	Ratio	Lower	Upper
63	100		
98	3.1	2.9	8.8
100	4.5	2.0	5.8



#18
 2-Butanone
 Concen: 1.853 ug/l
 RT: 4.718 min Scan# 1066
 Delta R.T. 0.010 min
 Lab File: VU063593.D
 Acq: 16 Sep 2025 14:10

Tgt Ion:	43	Resp:	7665
Ion	Ratio	Lower	Upper
43	100		
57	5.7	0.0	15.8





#19

Cyclohexane

Concen: 0.357 ug/l

RT: 5.358 min Scan# 1265

Delta R.T. -0.003 min

Lab File: VU063593.D

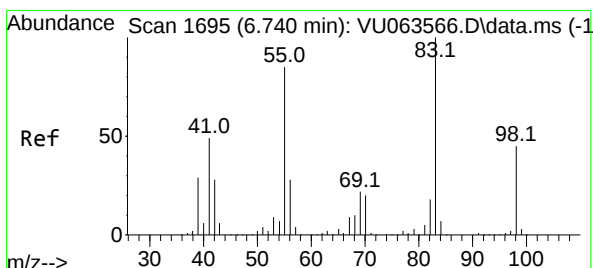
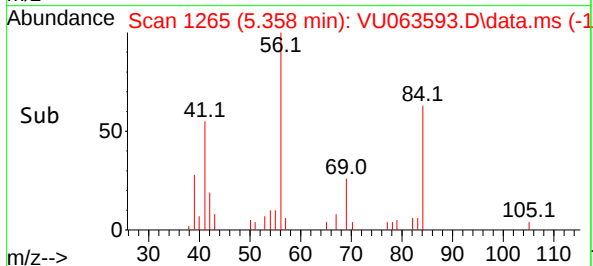
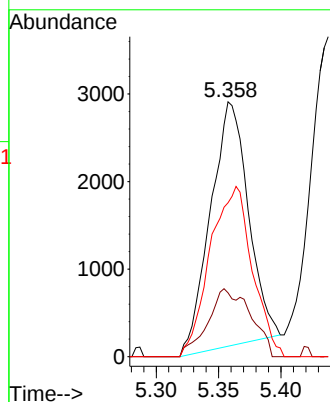
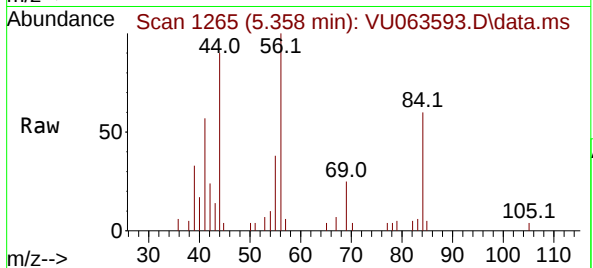
Acq: 16 Sep 2025 14:10

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 56	Resp: 5914
Ion Ratio	Lower Upper
56	100
69	31.3 22.7 34.1
84	77.4 59.4 89.0



#20

Methylcyclohexane

Concen: 0.329 ug/l

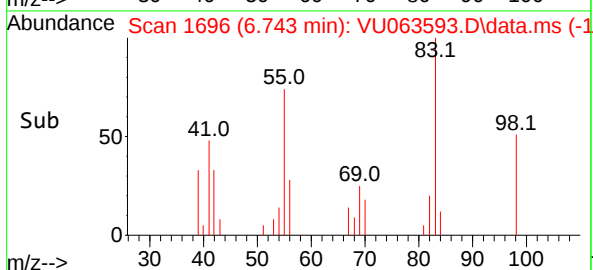
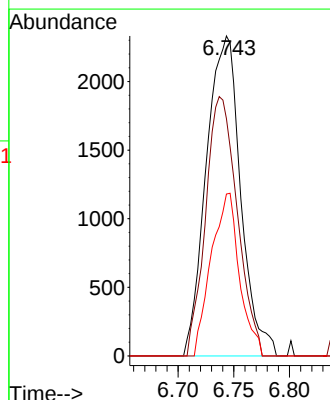
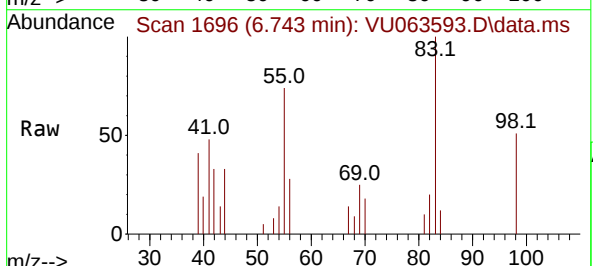
RT: 6.743 min Scan# 1696

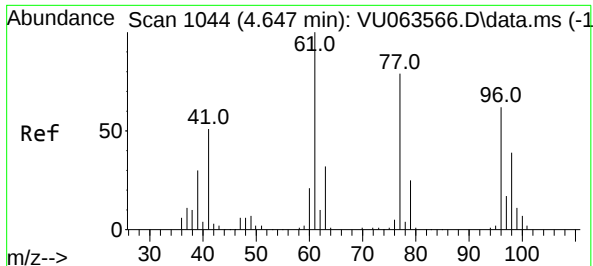
Delta R.T. 0.003 min

Lab File: VU063593.D

Acq: 16 Sep 2025 14:10

Tgt Ion: 83	Resp: 5000
Ion Ratio	Lower Upper
83	100
55	74.6 66.7 100.1
98	41.8 35.9 53.9

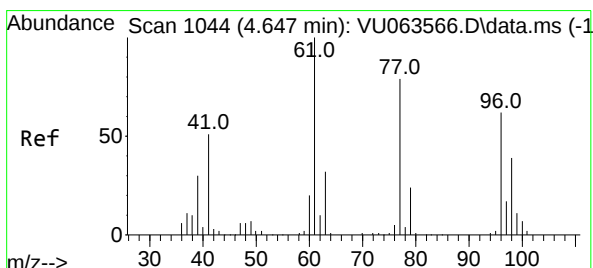
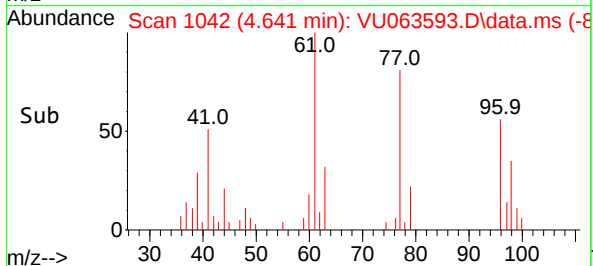
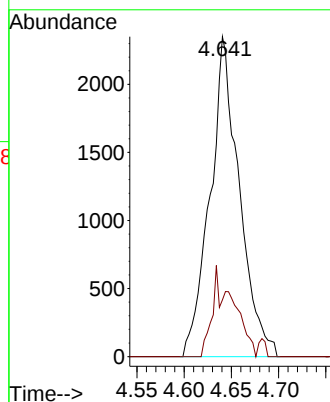
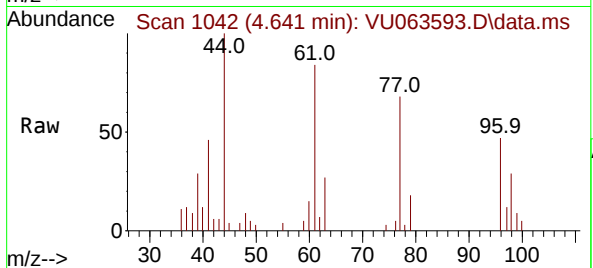




#21
2,2-Dichloropropane
Concen: 0.331 ug/l
RT: 4.641 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VU063593.D
Acq: 16 Sep 2025 14:10

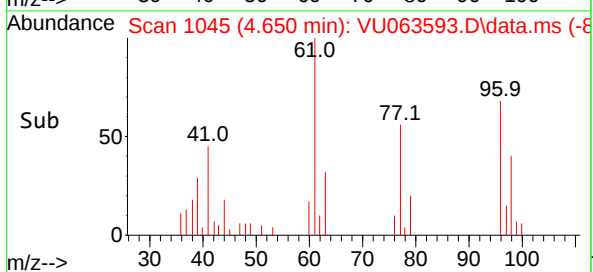
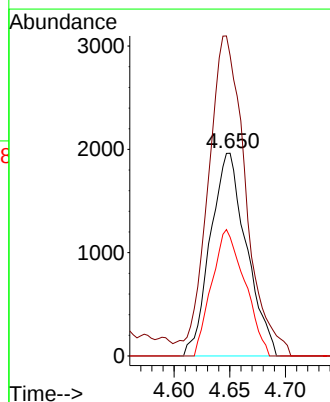
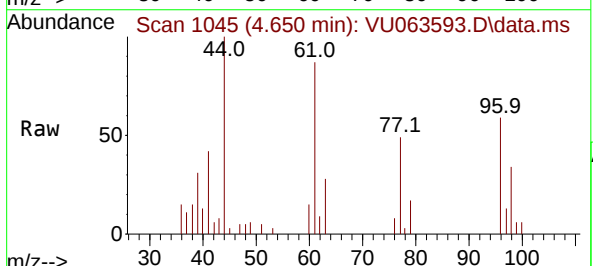
Instrument :
MSVOA_U
ClientSampleId :

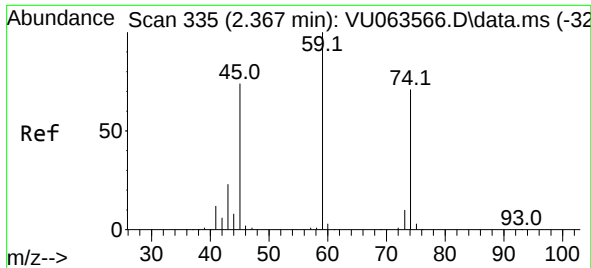
Tgt Ion: 77 Resp: 5057
Ion Ratio Lower Upper
77 100
97 8.8 17.5 26.3#



#22
cis-1,2-Dichloroethene
Concen: 0.399 ug/l
RT: 4.650 min Scan# 1045
Delta R.T. 0.003 min
Lab File: VU063593.D
Acq: 16 Sep 2025 14:10

Tgt Ion: 96 Resp: 4424
Ion Ratio Lower Upper
96 100
61 163.6 0.0 411.0
98 57.2 31.9 95.9





#23

Diethyl Ether

Concen: 0.336 ug/l

RT: 2.371 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU063593.D

Acq: 16 Sep 2025 14:10

Instrument :

MSVOA_U

ClientSampleId :

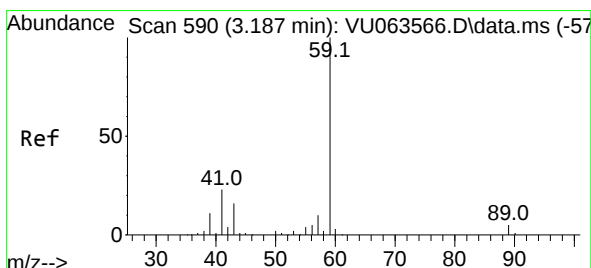
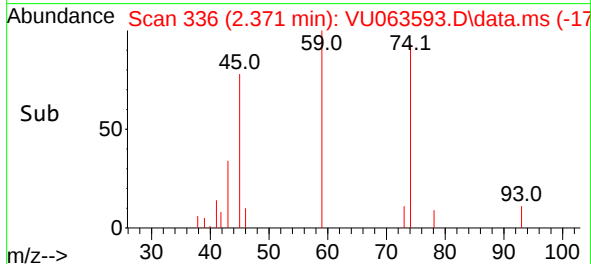
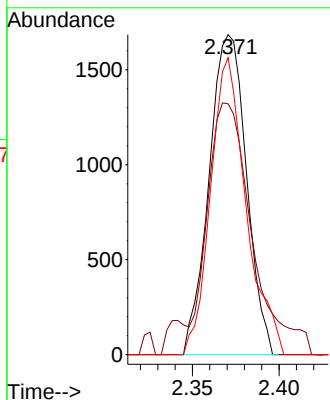
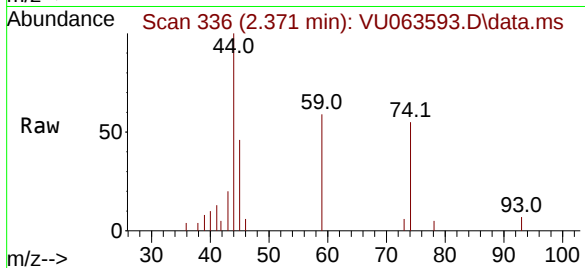
Tgt Ion: 59 Resp: 2524

Ion Ratio Lower Upper

59 100

45 93.9 59.0 88.6#

74 88.4 57.8 86.6#



#24

tert-Butyl Alcohol

Concen: 7.425 ug/l

RT: 3.187 min Scan# 590

Delta R.T. 0.000 min

Lab File: VU063593.D

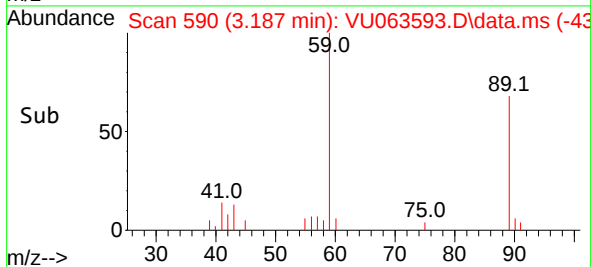
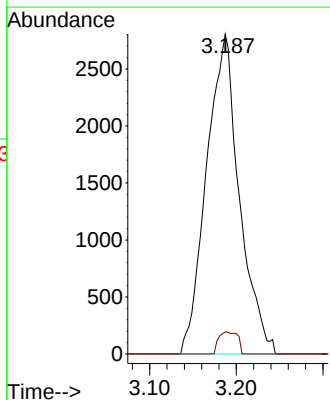
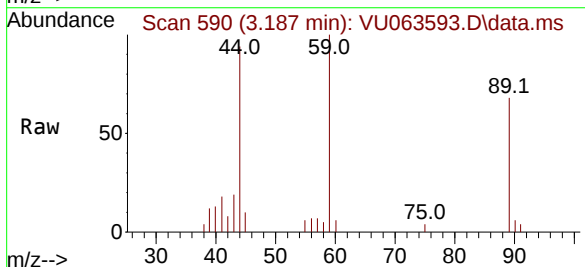
Acq: 16 Sep 2025 14:10

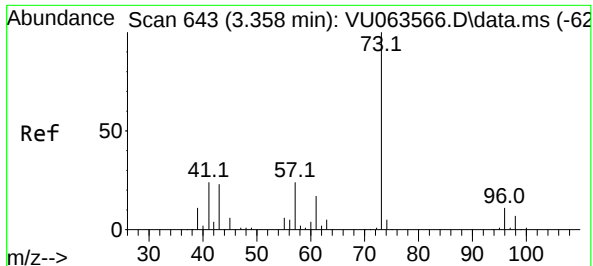
Tgt Ion: 59 Resp: 7393

Ion Ratio Lower Upper

59 100

57 4.0 8.6 12.8#

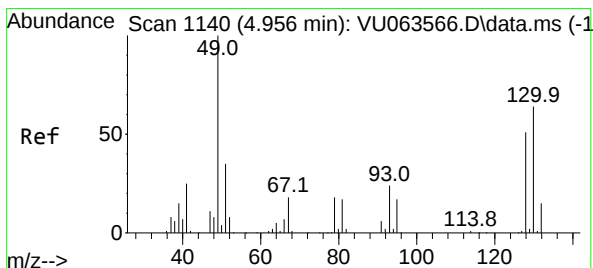
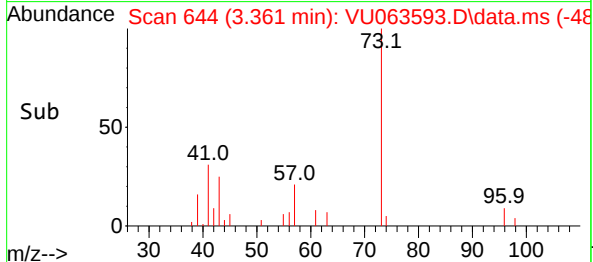
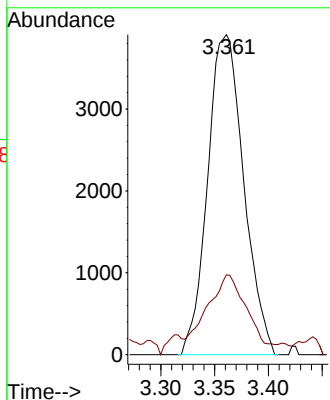
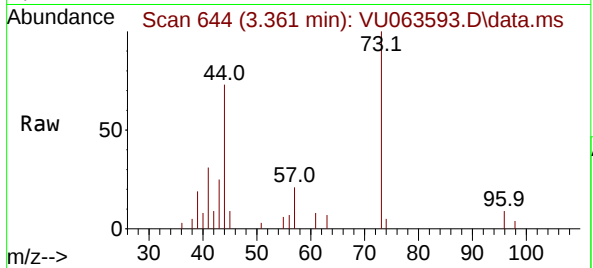




#25
Methyl tert-Butyl Ether
Concen: 0.361 ug/l
RT: 3.361 min Scan# 64
Delta R.T. 0.003 min
Lab File: VU063593.D
Acq: 16 Sep 2025 14:10

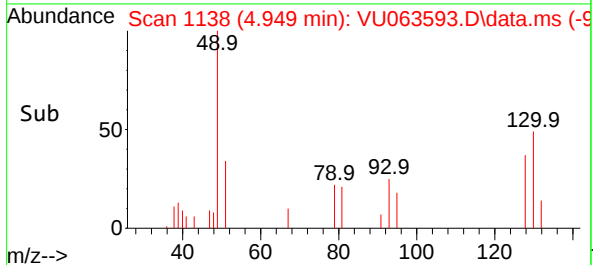
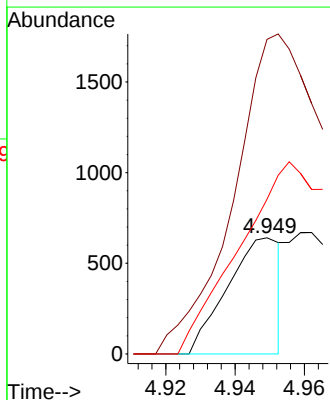
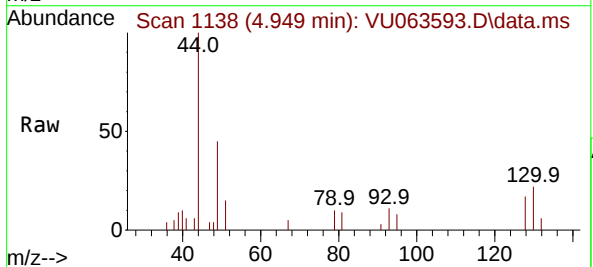
Instrument :
MSVOA_U
ClientSampleId :

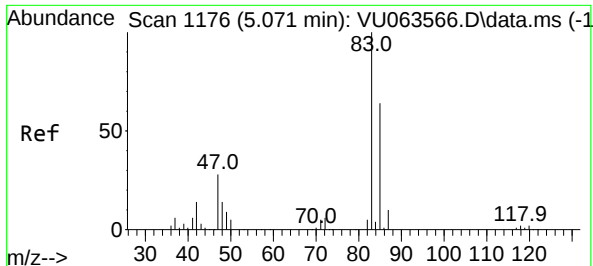
Tgt Ion: 73 Resp: 9133
Ion Ratio Lower Upper
73 100
43 21.6 18.1 27.1



#26
Bromochloromethane
Concen: 0.152 ug/l
RT: 4.949 min Scan# 1138
Delta R.T. -0.006 min
Lab File: VU063593.D
Acq: 16 Sep 2025 14:10

Tgt Ion:128 Resp: 679
Ion Ratio Lower Upper
128 100
49 546.4 0.0 410.2#
130 328.1 103.4 155.0#





#27

Chloroform

Concen: 0.374 ug/l

RT: 5.071 min Scan# 1176

Delta R.T. 0.000 min

Lab File: VU063593.D

Acq: 16 Sep 2025 14:10

Instrument :

MSVOA_U

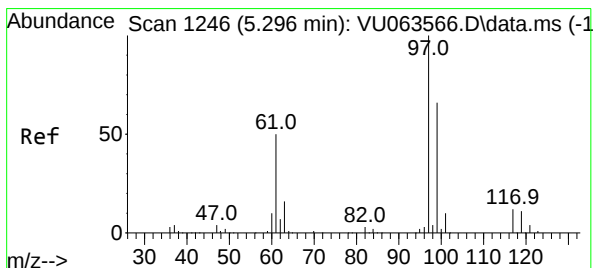
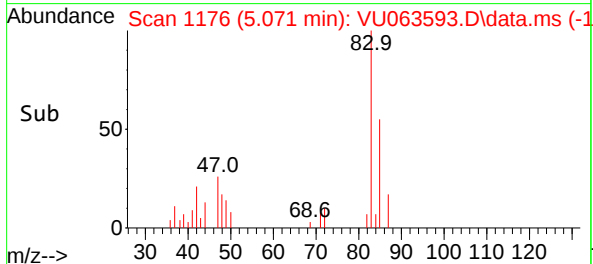
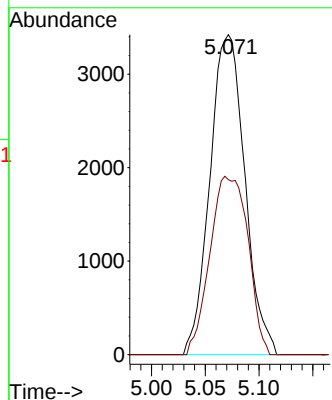
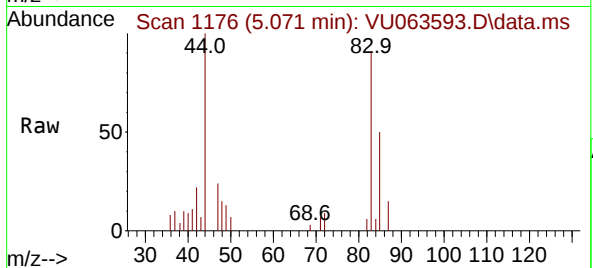
ClientSampleId :

Tgt Ion: 83 Resp: 7736

Ion Ratio Lower Upper

83 100

85 54.7 0.0 128.6



#28

1,1,1-Trichloroethane

Concen: 0.376 ug/l

RT: 5.290 min Scan# 1244

Delta R.T. -0.006 min

Lab File: VU063593.D

Acq: 16 Sep 2025 14:10

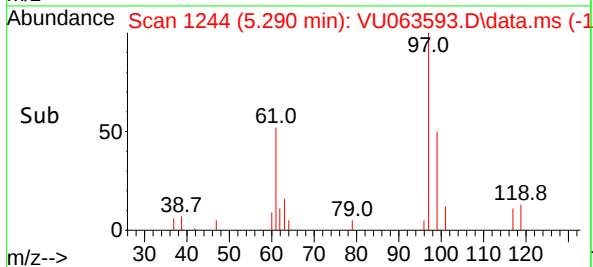
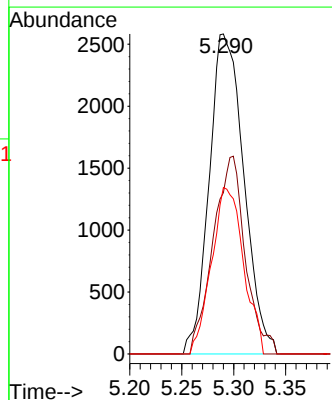
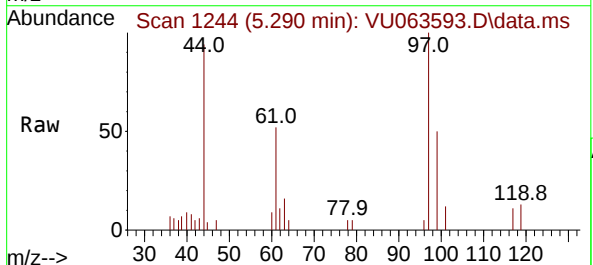
Tgt Ion: 97 Resp: 5982

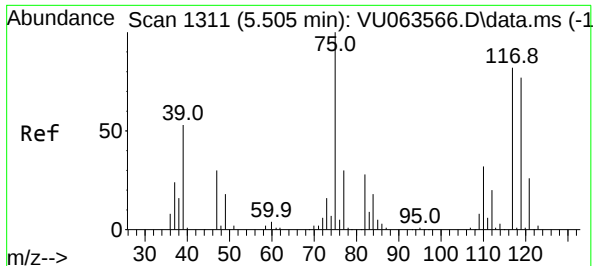
Ion Ratio Lower Upper

97 100

99 57.5 32.4 97.0

61 48.1 25.1 75.4

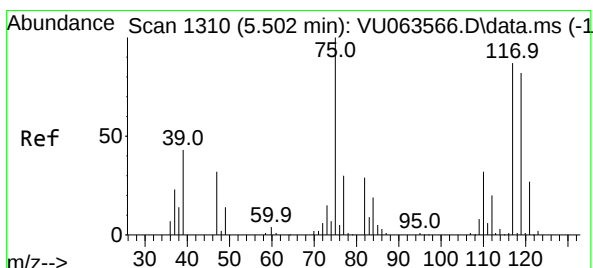
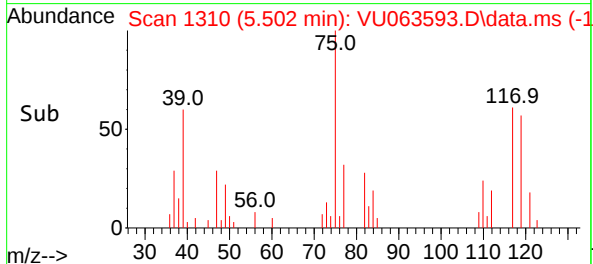
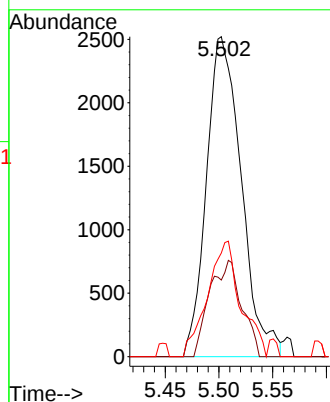
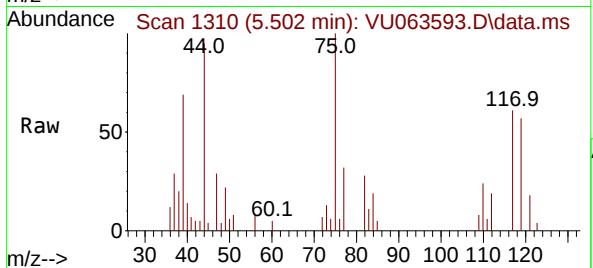




#29
1,1-Dichloropropene
Concen: 0.384 ug/l
RT: 5.502 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU063593.D
Acq: 16 Sep 2025 14:10

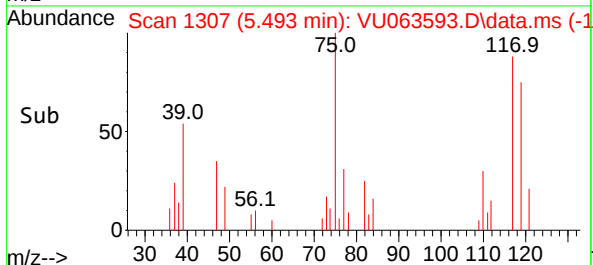
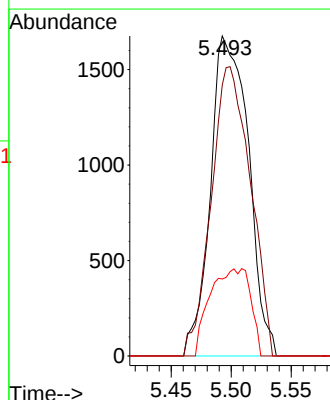
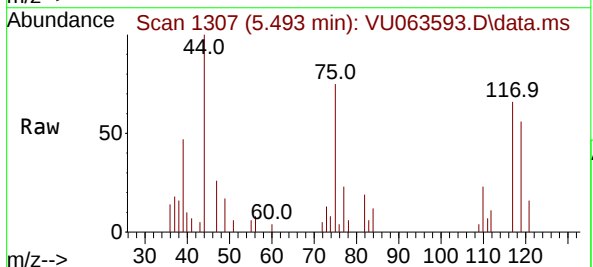
Instrument :
MSVOA_U
ClientSampleId :

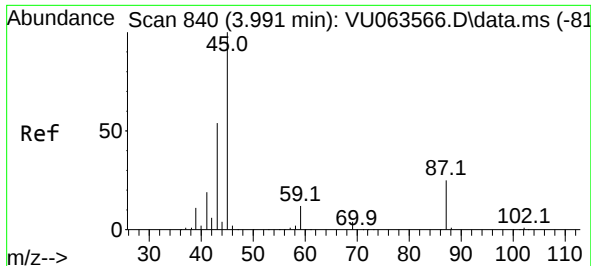
Tgt Ion: 75 Resp: 5680
Ion Ratio Lower Upper
75 100
110 27.6 16.4 49.4
77 34.2 24.6 37.0



#30
Carbon Tetrachloride
Concen: 0.315 ug/l
RT: 5.493 min Scan# 1307
Delta R.T. -0.010 min
Lab File: VU063593.D
Acq: 16 Sep 2025 14:10

Tgt Ion: 117 Resp: 3689
Ion Ratio Lower Upper
117 100
119 84.7 75.7 113.5
121 24.0 25.4 38.0#

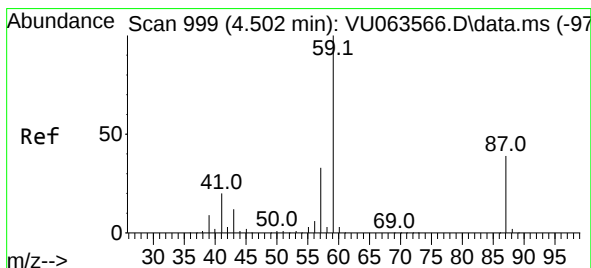
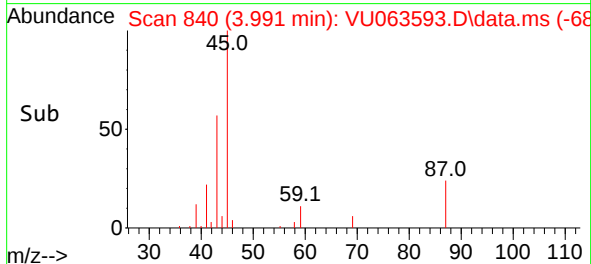
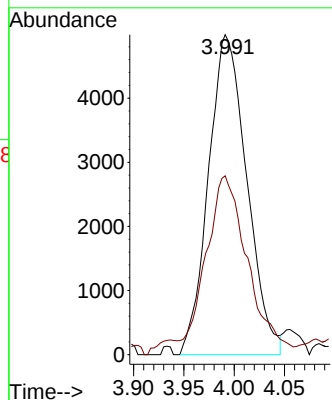
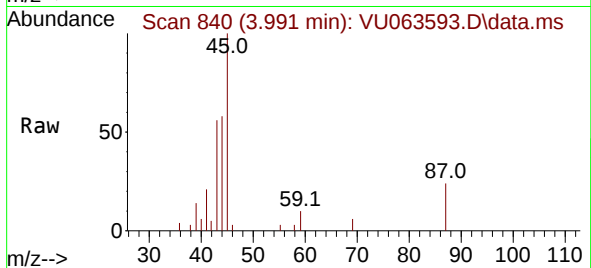




#31
Isopropyl Ether
Concen: 0.382 ug/l
RT: 3.991 min Scan# 840
Delta R.T. 0.000 min
Lab File: VU063593.D
Acq: 16 Sep 2025 14:10

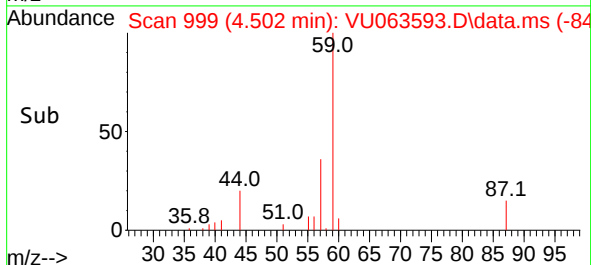
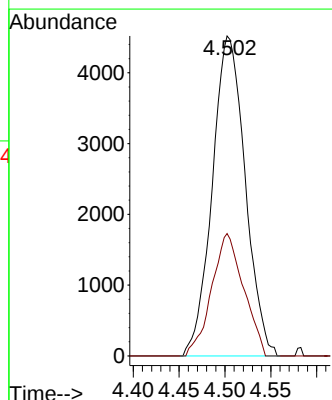
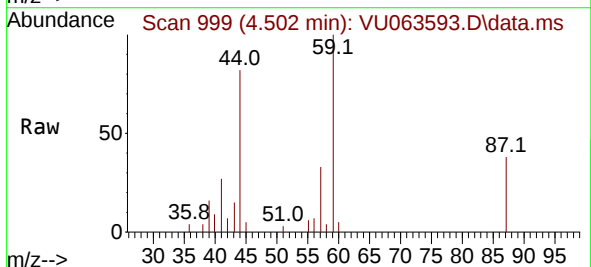
Instrument :
MSVOA_U
ClientSampleId :

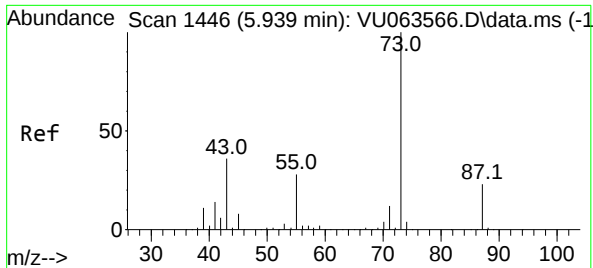
Tgt Ion: 45 Resp: 13235
Ion Ratio Lower Upper
45 100
43 56.7 26.2 78.6



#32
Ethyl-t-butyl ether
Concen: 0.381 ug/l
RT: 4.502 min Scan# 999
Delta R.T. 0.000 min
Lab File: VU063593.D
Acq: 16 Sep 2025 14:10

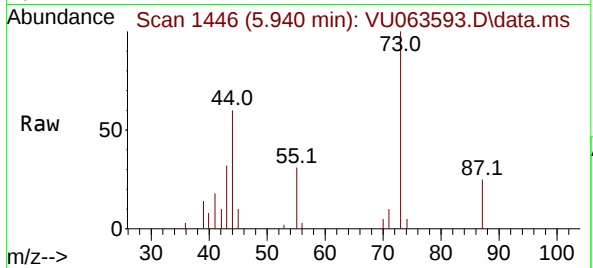
Tgt Ion: 59 Resp: 11281
Ion Ratio Lower Upper
59 100
87 37.1 31.2 46.8



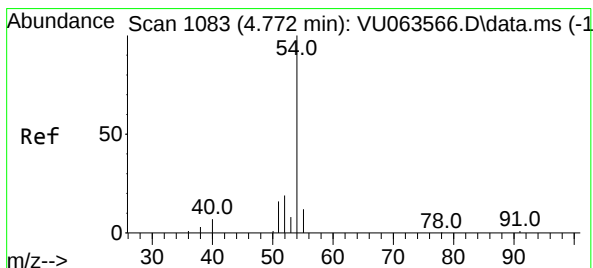
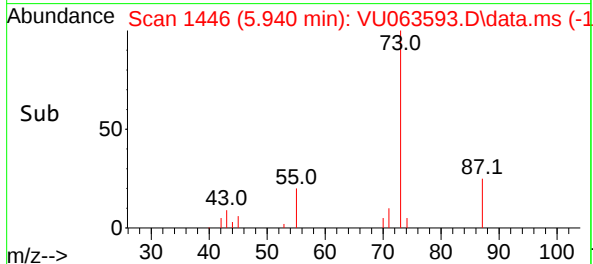
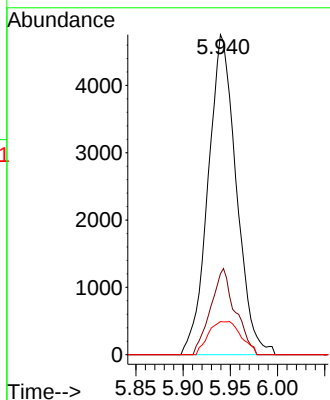


#33
Tert-Amyl methyl ether
Concen: 0.391 ug/l
RT: 5.940 min Scan# 1446
Delta R.T. 0.000 min
Lab File: VU063593.D
Acq: 16 Sep 2025 14:10

Instrument :
MSVOA_U
ClientSampleId :

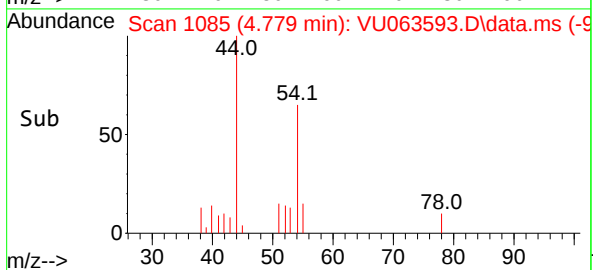
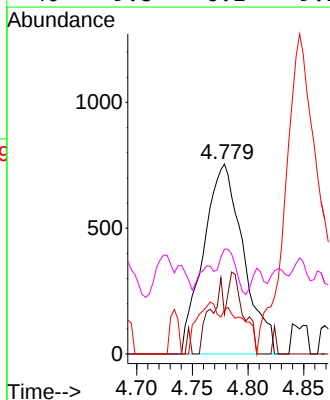
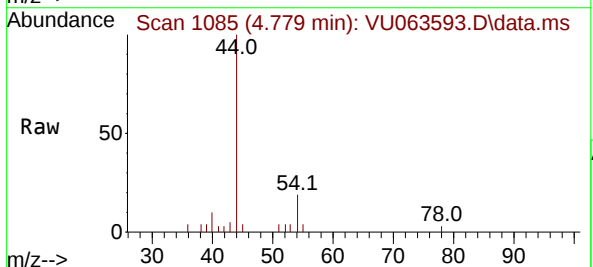


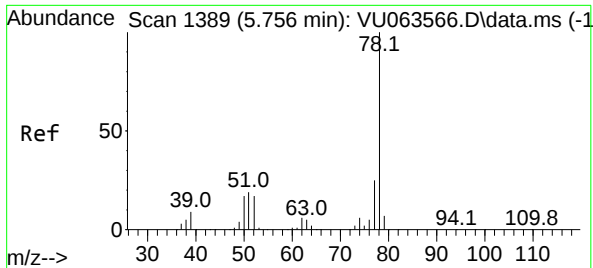
Tgt Ion	Ratio	Lower	Upper
73	100		
87	23.5	19.0	28.6
71	11.9	9.4	14.2



#34
Propionitrile
Concen: 1.947 ug/l
RT: 4.779 min Scan# 1085
Delta R.T. 0.007 min
Lab File: VU063593.D
Acq: 16 Sep 2025 14:10

Tgt Ion	Ratio	Lower	Upper
54	100		
52	13.1	15.2	22.8#
55	0.0	11.7	17.5#
40	9.8	6.1	9.1#





#35

Benzene

Concen: 0.377 ug/l

RT: 5.753 min Scan# 1388

Delta R.T. -0.003 min

Lab File: VU063593.D

Acq: 16 Sep 2025 14:10

Instrument :

MSVOA_U

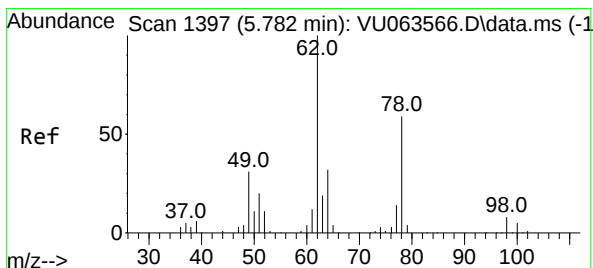
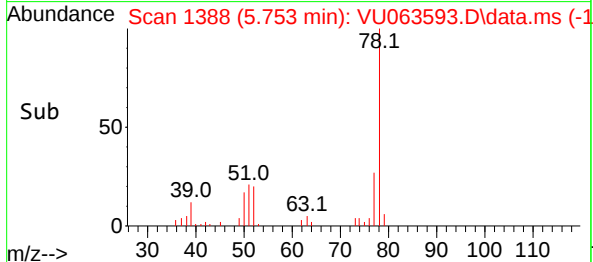
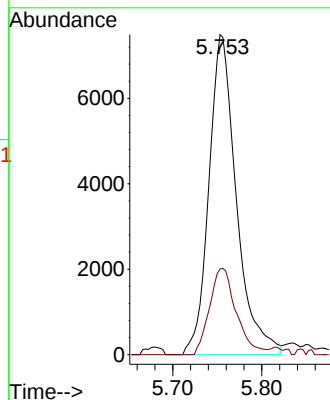
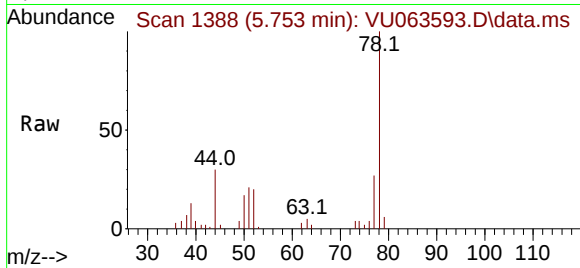
ClientSampleId :

Tgt Ion: 78 Resp: 16034

Ion Ratio Lower Upper

78 100

77 26.8 19.8 29.8



#36

1,2-Dichloroethane

Concen: 0.385 ug/l

RT: 5.782 min Scan# 1397

Delta R.T. 0.000 min

Lab File: VU063593.D

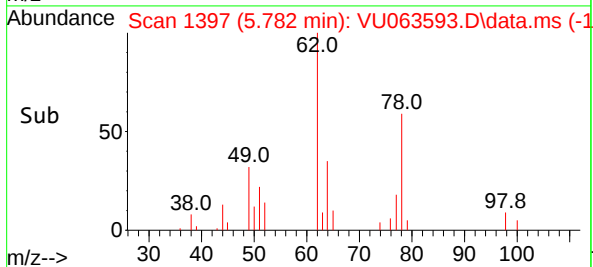
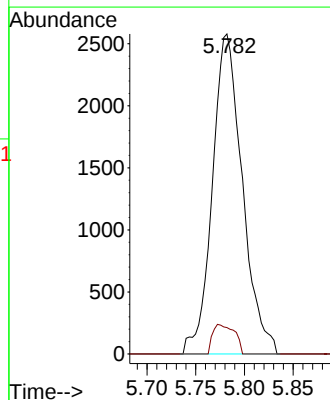
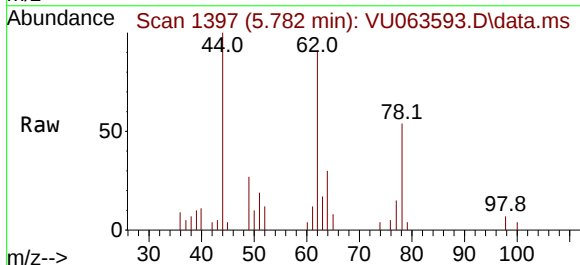
Acq: 16 Sep 2025 14:10

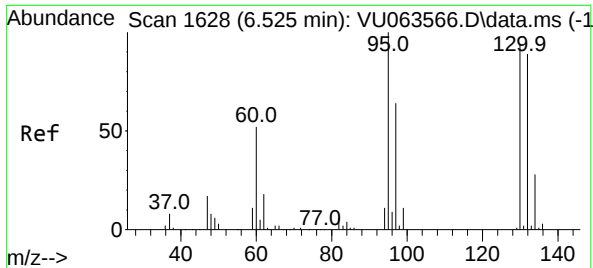
Tgt Ion: 62 Resp: 5528

Ion Ratio Lower Upper

62 100

98 6.7 6.3 9.5





#37

Trichloroethene

Concen: 0.346 ug/l

RT: 6.528 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU063593.D

Acq: 16 Sep 2025 14:10

Instrument :

MSVOA_U

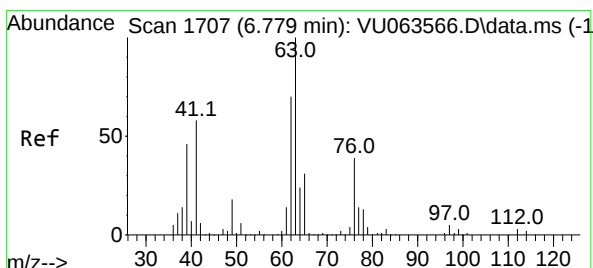
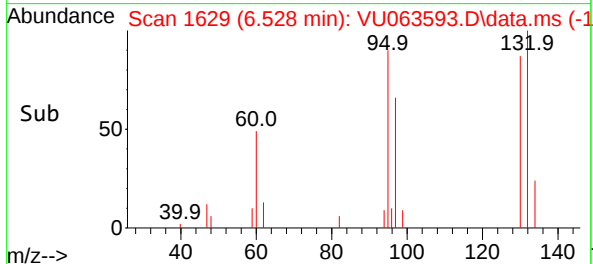
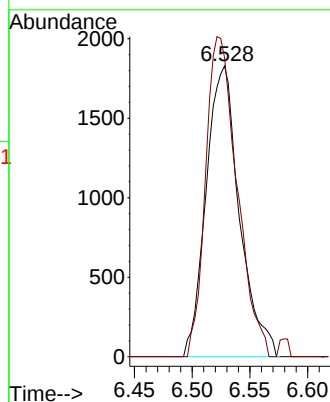
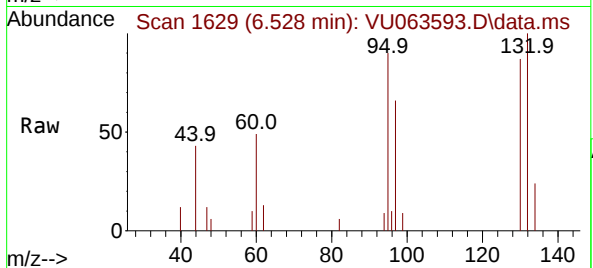
ClientSampleId :

Tgt Ion:130 Resp: 3669

Ion Ratio Lower Upper

130 100

95 102.9 85.4 128.2



#38

1,2-Dichloropropane

Concen: 0.349 ug/l

RT: 6.779 min Scan# 1707

Delta R.T. 0.000 min

Lab File: VU063593.D

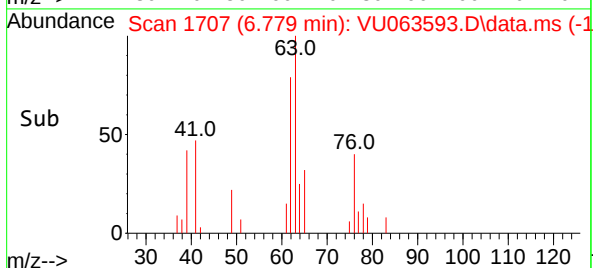
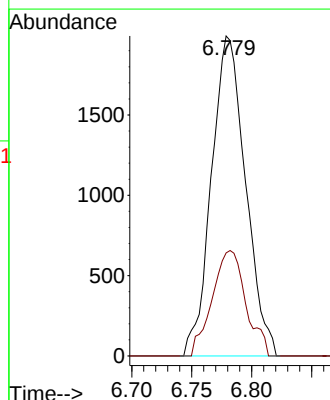
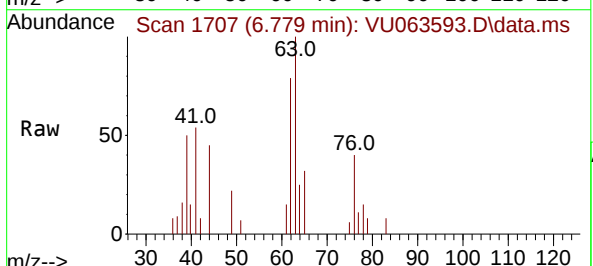
Acq: 16 Sep 2025 14:10

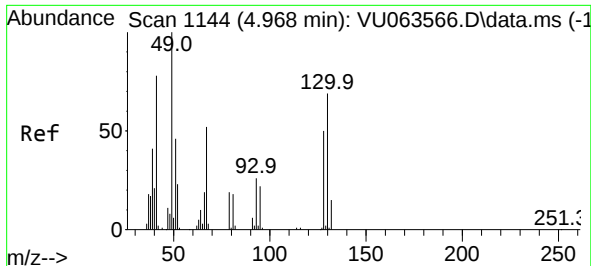
Tgt Ion: 63 Resp: 3931

Ion Ratio Lower Upper

63 100

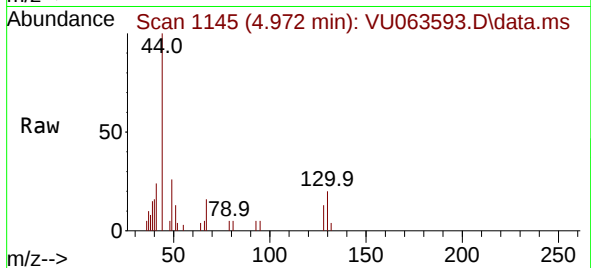
65 32.2 24.9 37.3



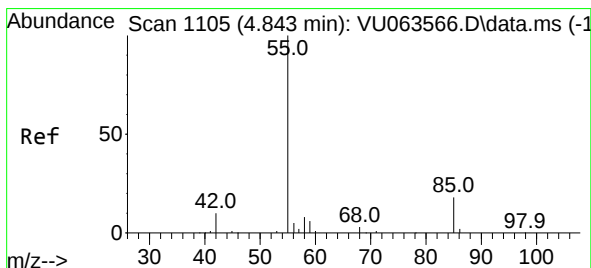
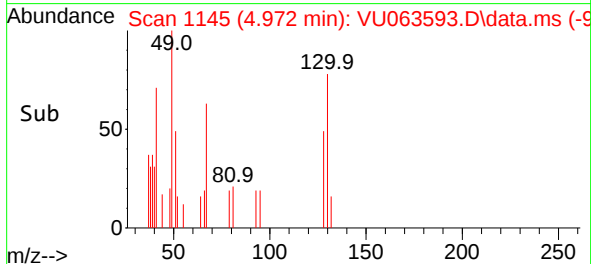
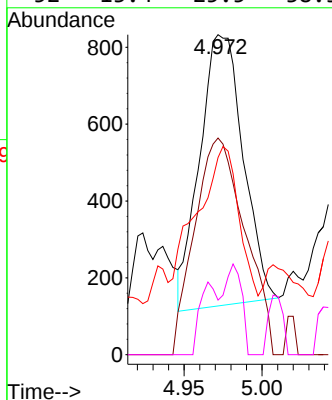


#39
Methacrylonitrile
Concen: 0.300 ug/l
RT: 4.972 min Scan# 1145
Delta R.T. 0.003 min
Lab File: VU063593.D
Acq: 16 Sep 2025 14:10

Instrument :
MSVOA_U
ClientSampleId :

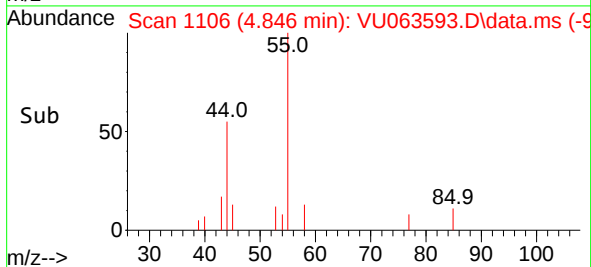
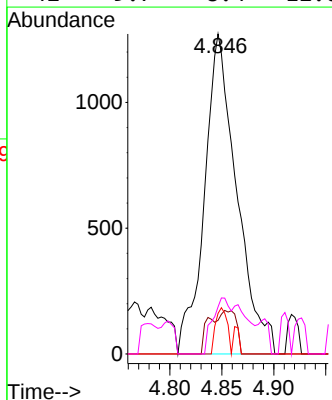
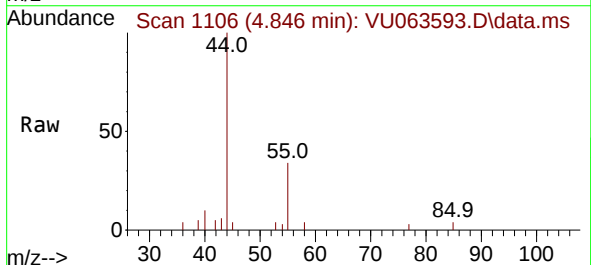


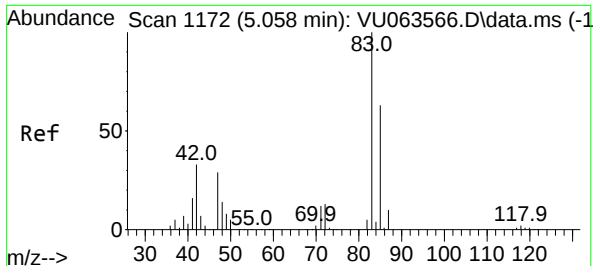
Tgt Ion:	41	Resp:	1370
Ion	Ratio	Lower	Upper
41	100		
67	92.4	57.7	86.5#
39	58.3	44.6	67.0
52	13.4	25.5	38.3#



#40
Methyl acrylate
Concen: 0.438 ug/l
RT: 4.846 min Scan# 1106
Delta R.T. 0.003 min
Lab File: VU063593.D
Acq: 16 Sep 2025 14:10

Tgt Ion:	55	Resp:	2742
Ion	Ratio	Lower	Upper
55	100		
85	6.6	12.8	19.2#
58	5.1	6.6	10.0#
42	9.7	8.4	12.6





#41

Tetrahydrofuran

Concen: 0.991 ug/l

RT: 5.065 min Scan# 1174

Delta R.T. 0.007 min

Lab File: VU063593.D

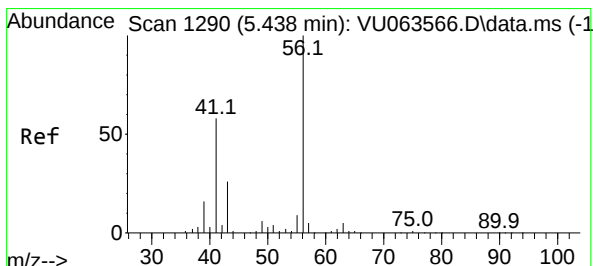
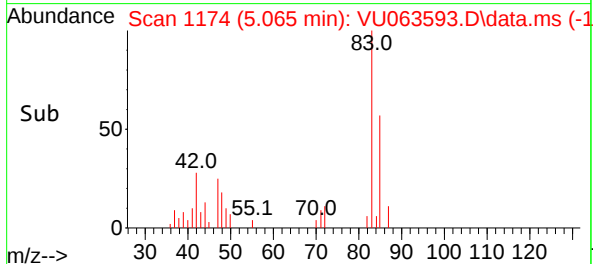
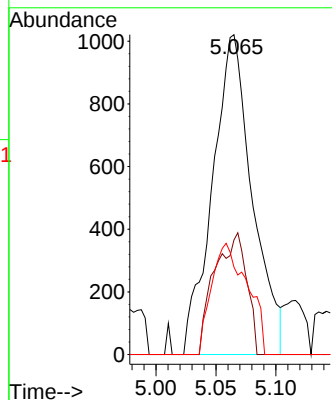
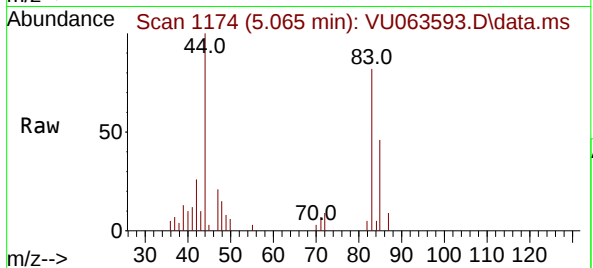
Acq: 16 Sep 2025 14:10

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	42	Resp:	2359
Ion Ratio	Lower	Upper	
42	100		
72	30.6	34.1	51.1#
71	31.2	29.9	44.9



#42

1-Chlorobutane

Concen: 0.376 ug/l

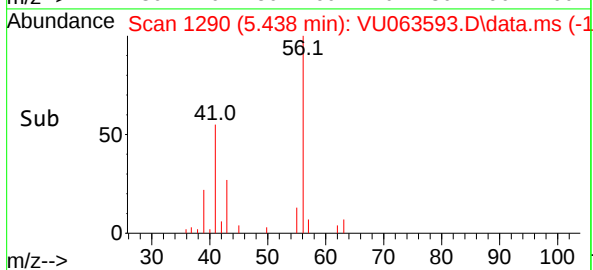
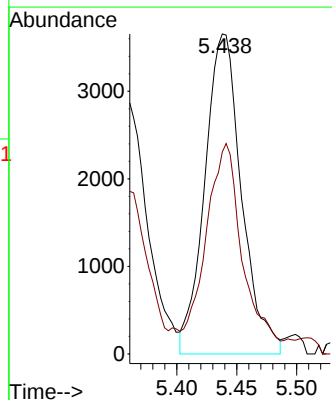
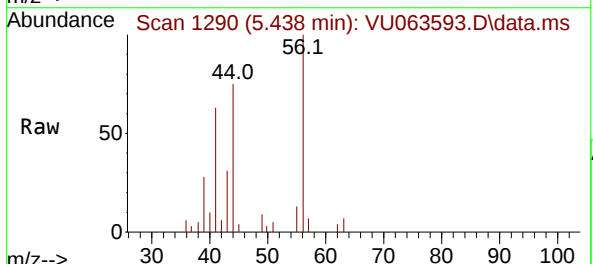
RT: 5.438 min Scan# 1290

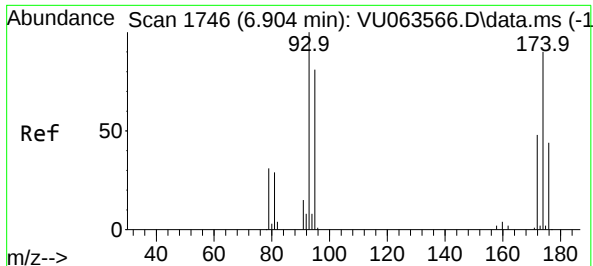
Delta R.T. 0.000 min

Lab File: VU063593.D

Acq: 16 Sep 2025 14:10

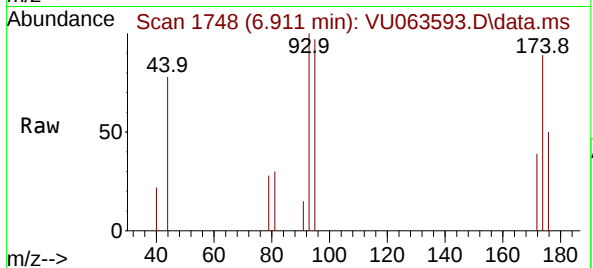
Tgt Ion:	56	Resp:	7793
Ion Ratio	Lower	Upper	
56	100		
41	58.7	28.3	84.9





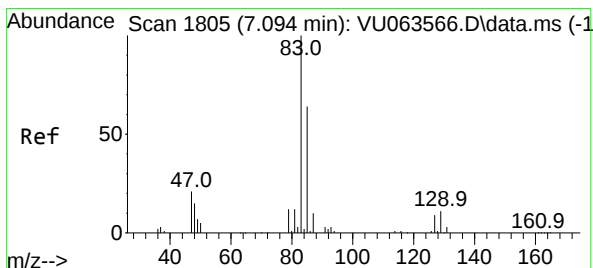
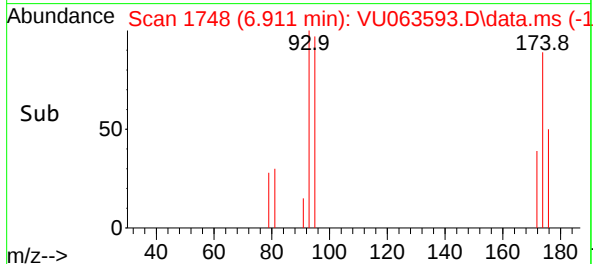
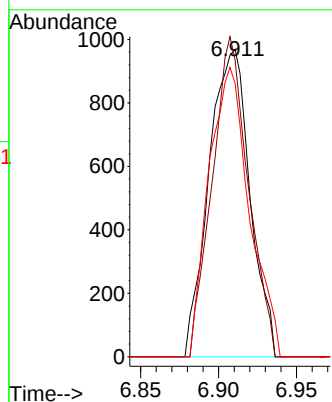
#43
Dibromomethane
Concen: 0.328 ug/l
RT: 6.911 min Scan# 1748
Delta R.T. 0.007 min
Lab File: VU063593.D
Acq: 16 Sep 2025 14:10

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 93 Resp: 1773

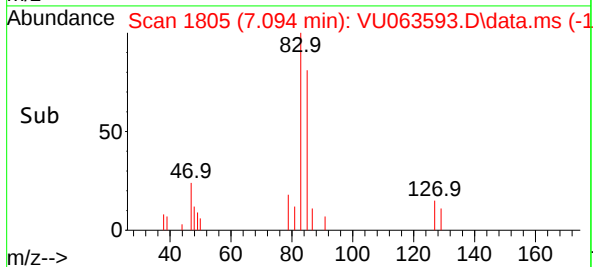
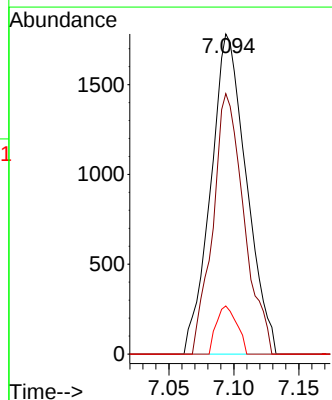
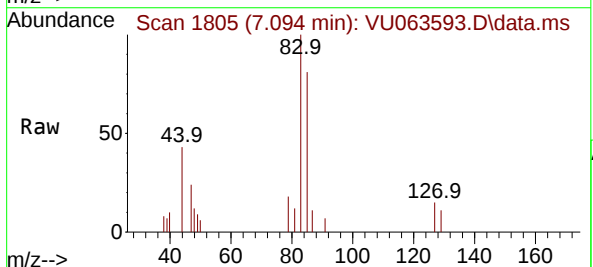
Ion	Ratio	Lower	Upper
93	100		
95	91.8	66.6	100.0
174	93.1	72.7	109.1

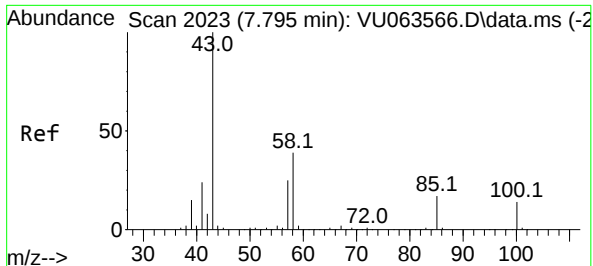


#44
Bromodichloromethane
Concen: 0.295 ug/l
RT: 7.094 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VU063593.D
Acq: 16 Sep 2025 14:10

Tgt Ion: 83 Resp: 3403

Ion	Ratio	Lower	Upper
83	100		
85	81.4	51.2	76.8#
127	15.0	6.9	10.3#





#45

4-Methyl-2-Pentanone

Concen: 1.700 ug/l

RT: 7.801 min Scan# 2025

Delta R.T. 0.007 min

Lab File: VU063593.D

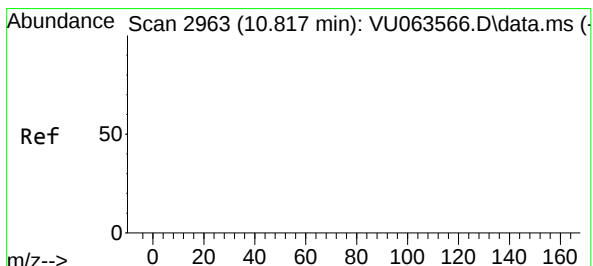
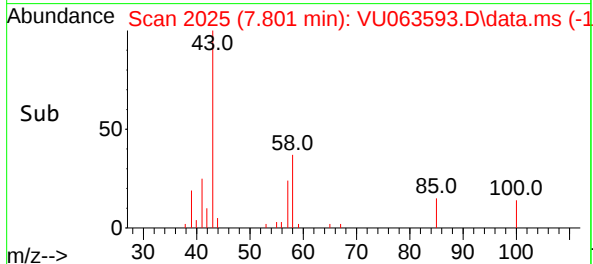
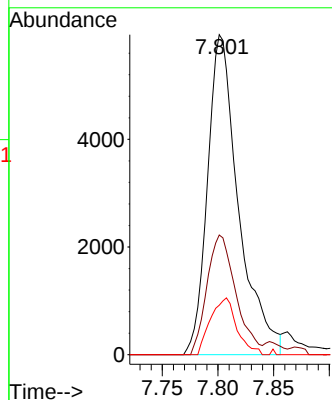
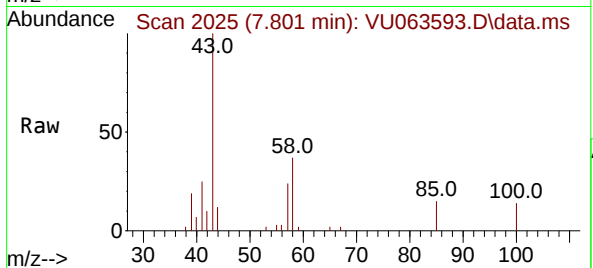
Acq: 16 Sep 2025 14:10

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	43	Resp:	11510
Ion	Ratio	Lower	Upper
43	100		
58	34.9	18.9	56.9
85	15.0	13.3	19.9



#46

t-1,4-Dichloro-2-butene

Concen: 1.279 ug/l

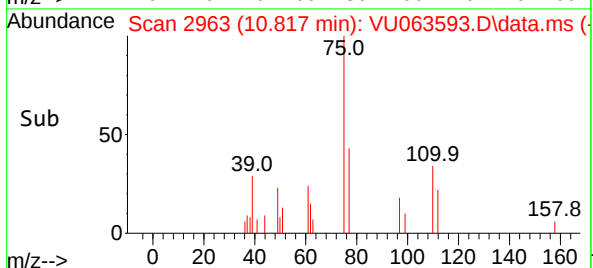
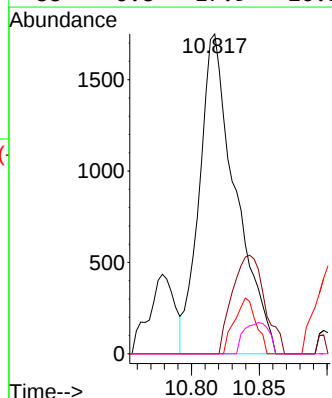
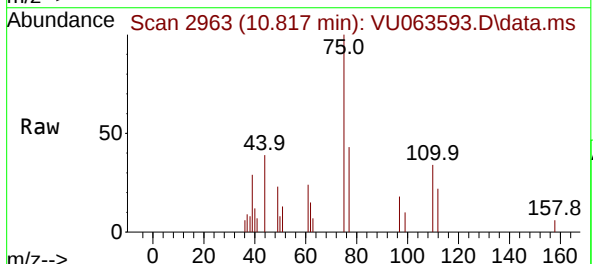
RT: 10.817 min Scan# 2963

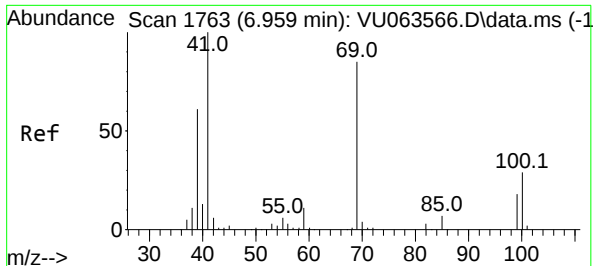
Delta R.T. 0.000 min

Lab File: VU063593.D

Acq: 16 Sep 2025 14:10

Tgt Ion:	75	Resp:	3240
Ion	Ratio	Lower	Upper
75	100		
53	27.6	43.2	64.8#
89	10.5	21.9	32.9#
88	6.8	17.9	26.9#





#47

Methyl methacrylate

Concen: 0.666 ug/l

RT: 6.968 min Scan# 1

Delta R.T. 0.010 min

Lab File: VU063593.D

Acq: 16 Sep 2025 14:10

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 69 Resp: 3220

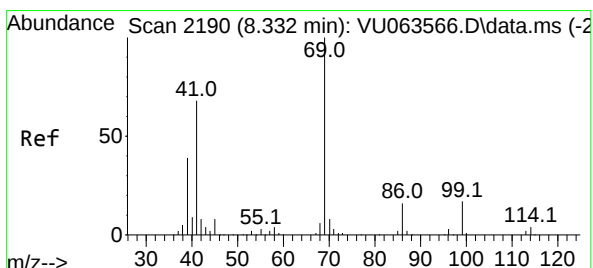
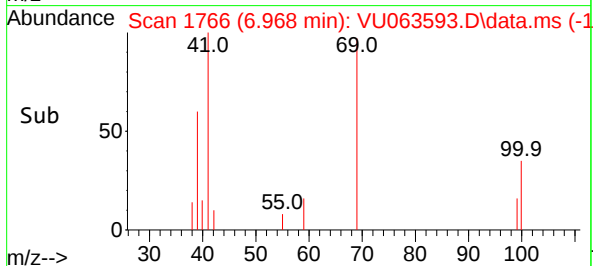
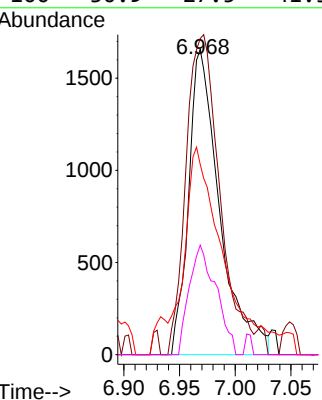
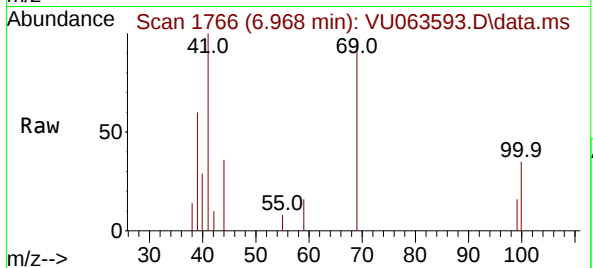
Ion Ratio Lower Upper

69 100

41 113.6 0.0 236.8

39 66.2 57.8 86.6

100 30.9 27.5 41.3



#48

Ethyl methacrylate

Concen: 0.319 ug/l

RT: 8.338 min Scan# 2192

Delta R.T. 0.007 min

Lab File: VU063593.D

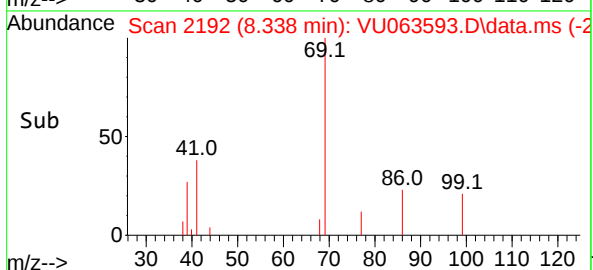
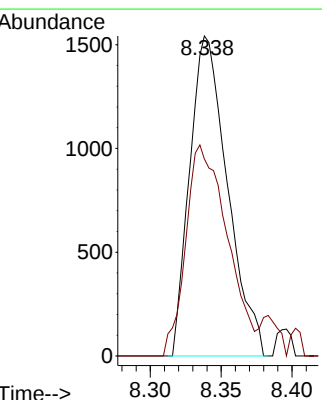
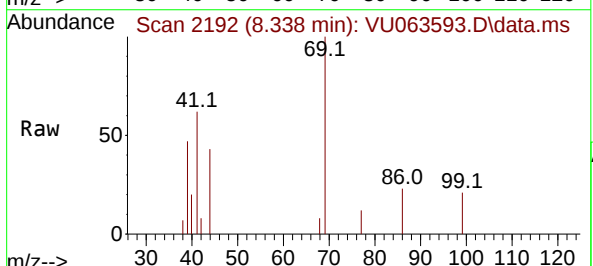
Acq: 16 Sep 2025 14:10

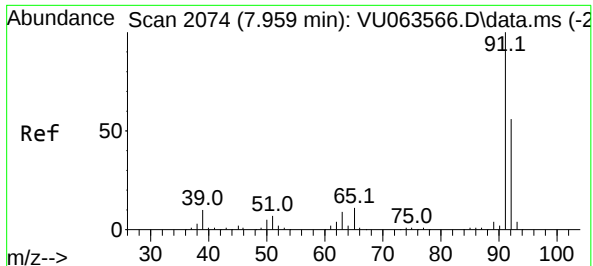
Tgt Ion: 69 Resp: 2858

Ion Ratio Lower Upper

69 100

41 72.3 33.7 101.1





#49

Toluene

Concen: 0.339 ug/l

RT: 7.962 min Scan# 2074

Delta R.T. 0.003 min

Lab File: VU063593.D

Acq: 16 Sep 2025 14:10

Instrument :

MSVOA_U

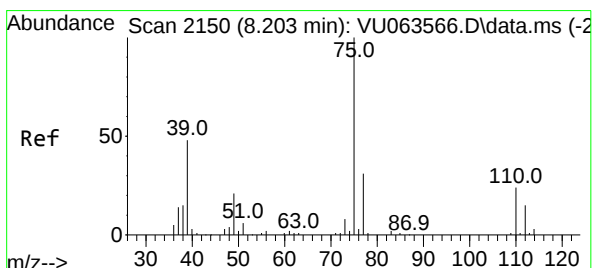
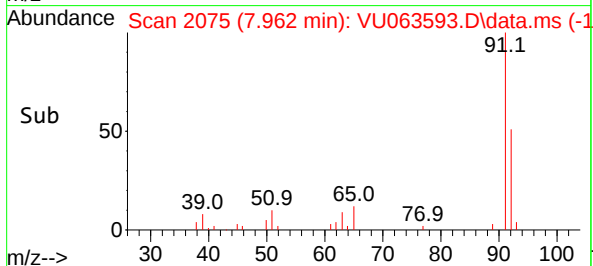
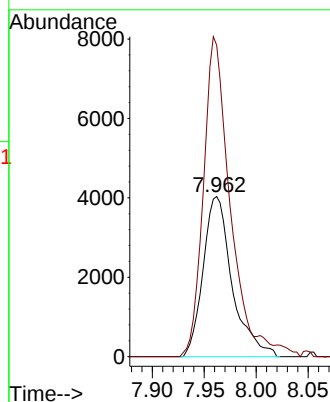
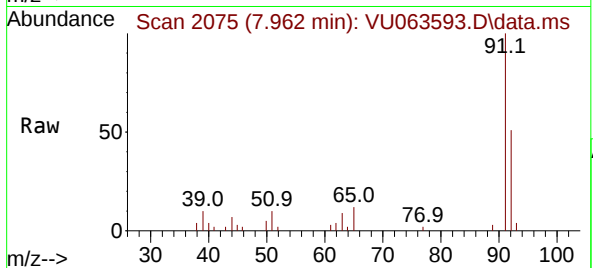
ClientSampleId :

Tgt Ion: 92 Resp: 7842

Ion Ratio Lower Upper

92 100

91 186.2 139.4 209.2



#50

t-1,3-Dichloropropene

Concen: 0.286 ug/l

RT: 8.206 min Scan# 2151

Delta R.T. 0.003 min

Lab File: VU063593.D

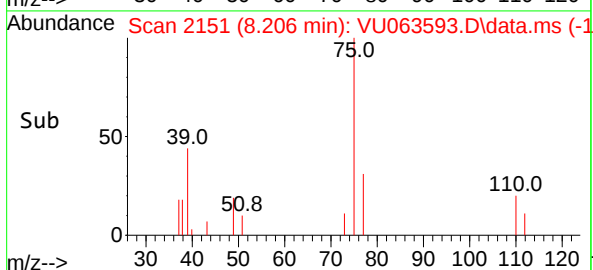
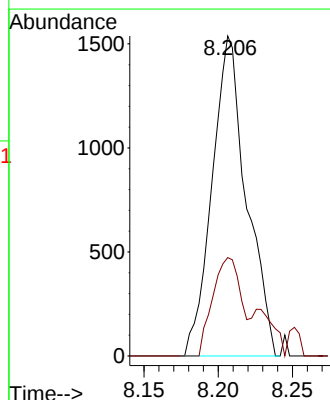
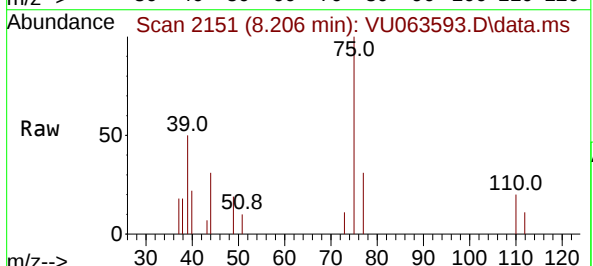
Acq: 16 Sep 2025 14:10

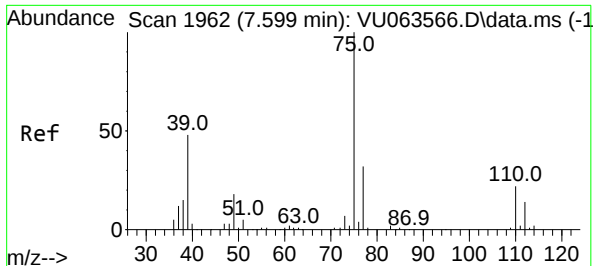
Tgt Ion: 75 Resp: 2475

Ion Ratio Lower Upper

75 100

77 30.8 24.8 37.2





#51

cis-1,3-Dichloropropene

Concen: 0.314 ug/l

RT: 7.599 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VU063593.D

Acq: 16 Sep 2025 14:10

Instrument :

MSVOA_U

ClientSampleId :

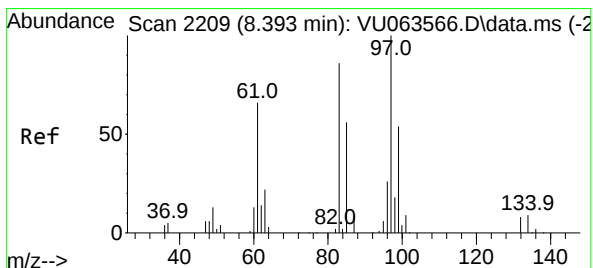
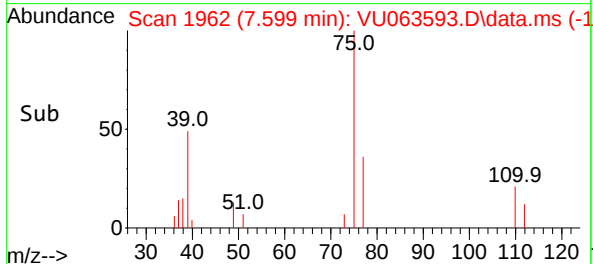
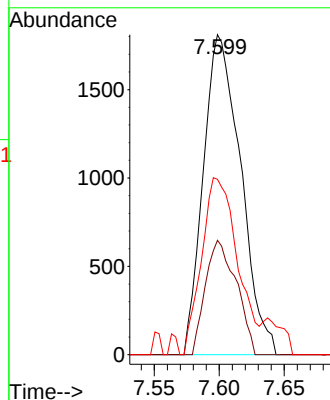
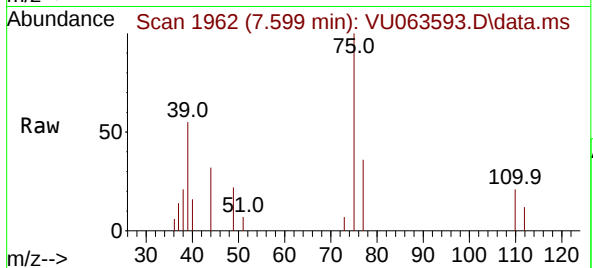
Tgt Ion: 75 Resp: 3617

Ion Ratio Lower Upper

75 100

77 35.8 25.2 37.8

39 54.8 38.8 58.2



#52

1,1,2-Trichloroethane

Concen: 0.348 ug/l

RT: 8.396 min Scan# 2210

Delta R.T. 0.003 min

Lab File: VU063593.D

Acq: 16 Sep 2025 14:10

Tgt Ion: 97 Resp: 2661

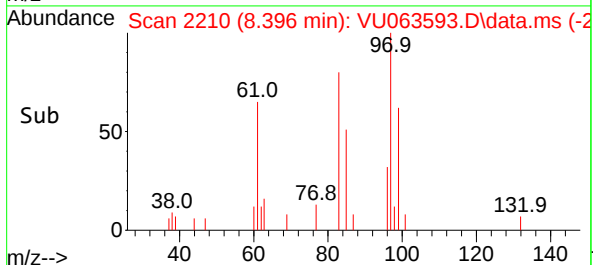
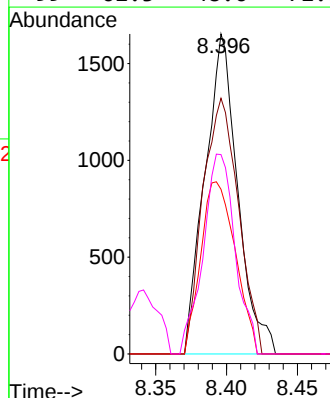
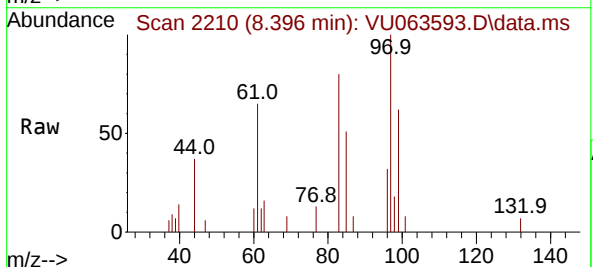
Ion Ratio Lower Upper

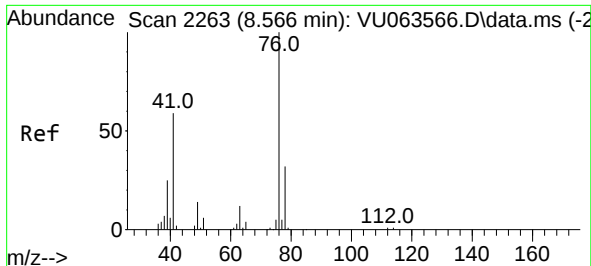
97 100

83 79.9 68.5 102.7

85 51.4 45.0 67.6

99 62.3 48.6 72.8

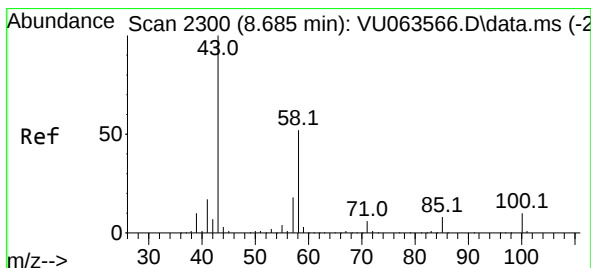
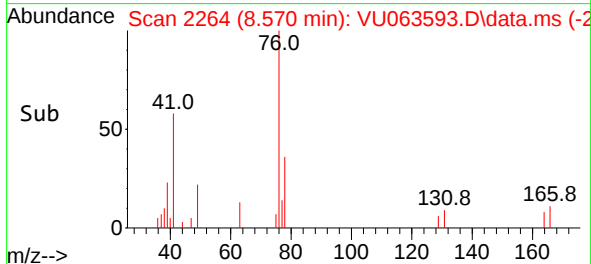
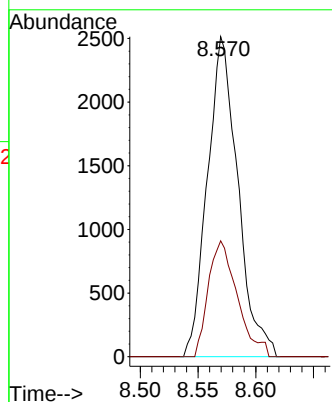
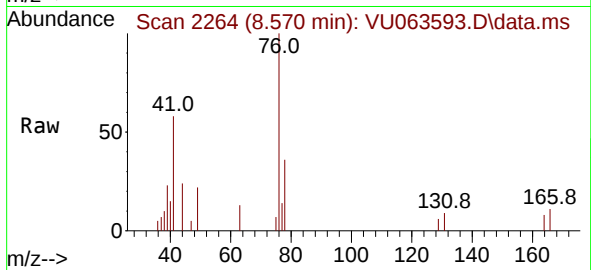




#53
1,3-Dichloropropane
Concen: 0.346 ug/l
RT: 8.570 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063593.D
Acq: 16 Sep 2025 14:10

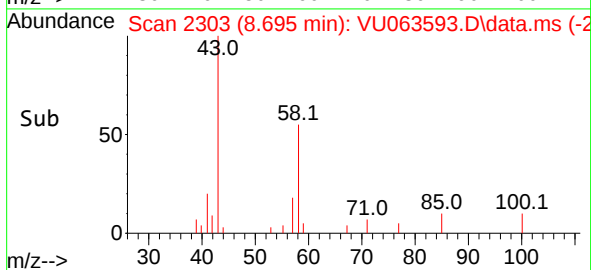
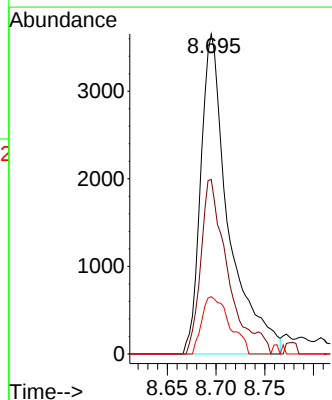
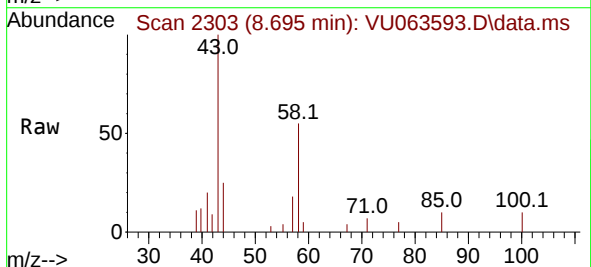
Instrument :
MSVOA_U
ClientSampleId :

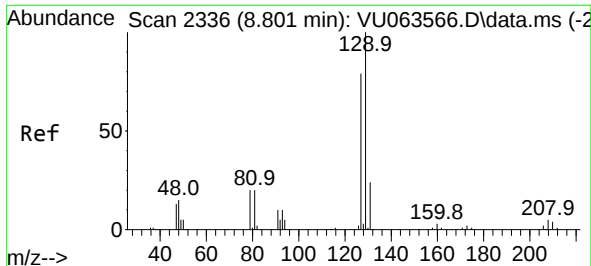
Tgt Ion: 76 Resp: 4605
Ion Ratio Lower Upper
76 100
78 34.4 26.2 39.2



#54
2-Hexanone
Concen: 1.463 ug/l
RT: 8.695 min Scan# 2303
Delta R.T. 0.010 min
Lab File: VU063593.D
Acq: 16 Sep 2025 14:10

Tgt Ion: 43 Resp: 7237
Ion Ratio Lower Upper
43 100
58 52.7 32.7 72.7
57 17.8 0.0 38.2

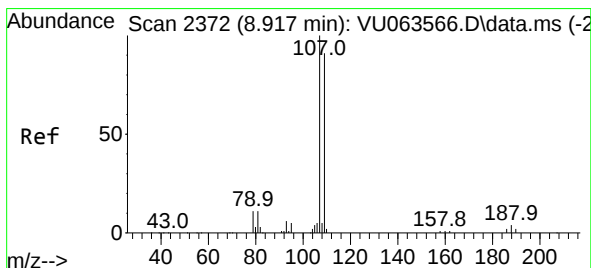
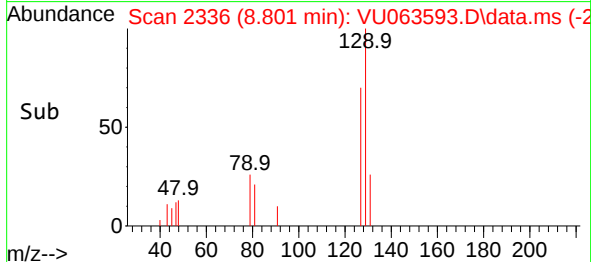
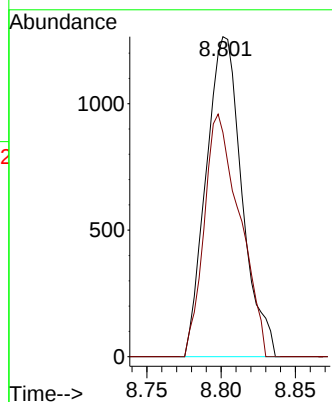
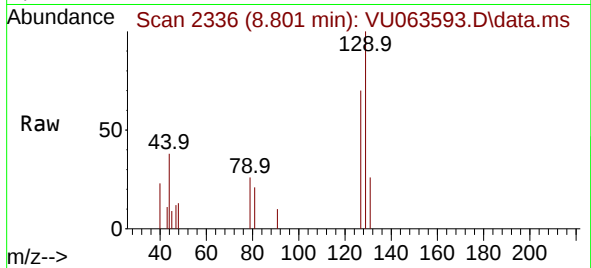




#55
Dibromochloromethane
Concen: 0.287 ug/l
RT: 8.801 min Scan# 2125
Delta R.T. 0.000 min
Lab File: VU063593.D
Acq: 16 Sep 2025 14:10

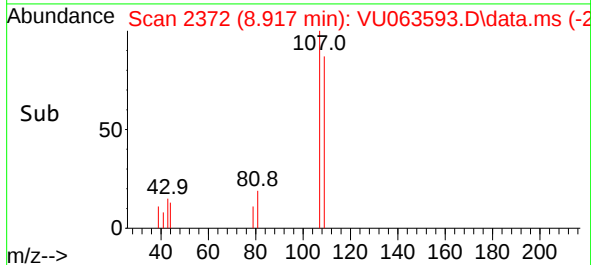
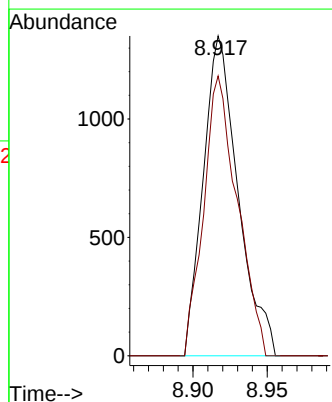
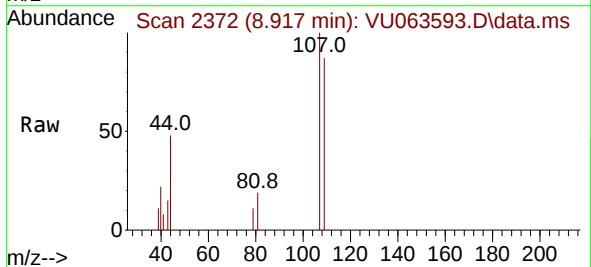
Instrument :
MSVOA_U
ClientSampleId :

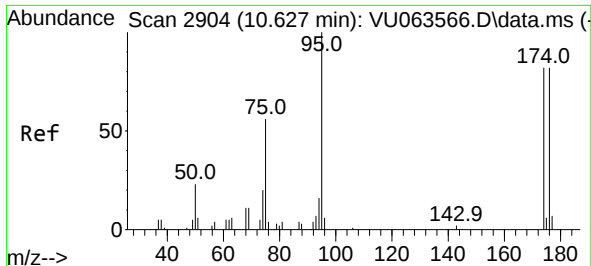
Tgt Ion:129 Resp: 2125
Ion Ratio Lower Upper
129 100
127 75.2 61.9 92.9



#56
1,2-Dibromoethane
Concen: 0.334 ug/l
RT: 8.917 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VU063593.D
Acq: 16 Sep 2025 14:10

Tgt Ion:107 Resp: 2205
Ion Ratio Lower Upper
107 100
109 84.4 0.0 183.6

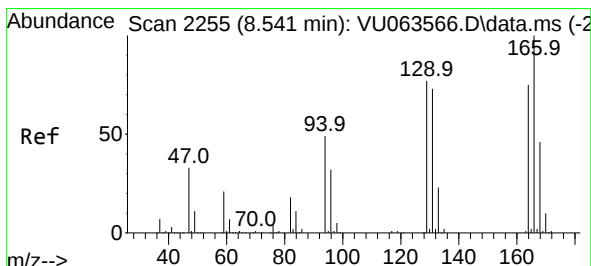
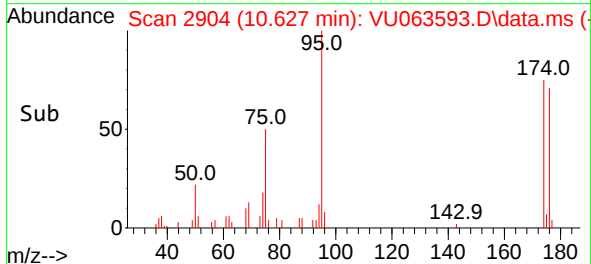
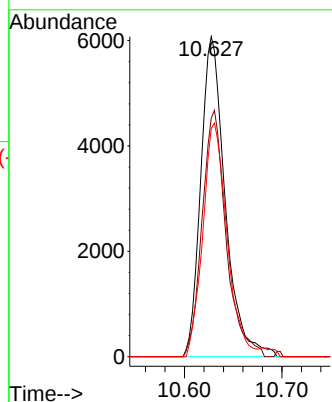
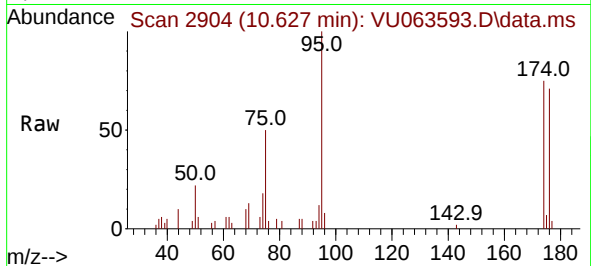




#57
4-Bromofluorobenzene
Concen: 0.873 ug/l
RT: 10.627 min Scan# 2904
Delta R.T. 0.000 min
Lab File: VU063593.D
Acq: 16 Sep 2025 14:10

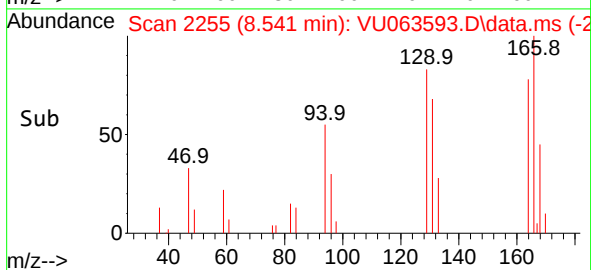
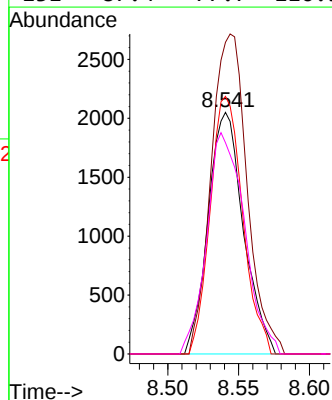
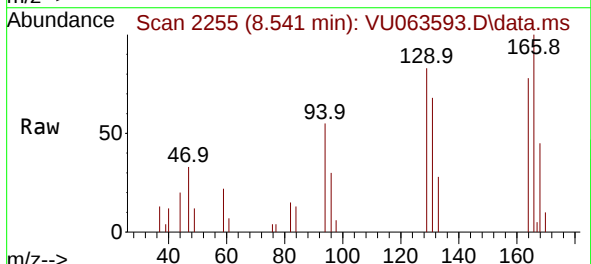
Instrument :
MSVOA_U
ClientSampleId :

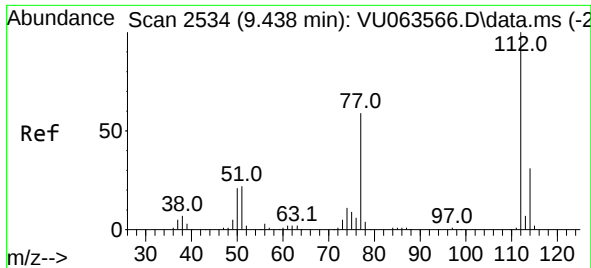
Tgt Ion: 95 Resp: 10581
Ion Ratio Lower Upper
95 100
174 75.7 64.7 97.1
176 72.6 66.2 99.4



#58
Tetrachloroethene
Concen: 0.341 ug/l
RT: 8.541 min Scan# 2255
Delta R.T. 0.000 min
Lab File: VU063593.D
Acq: 16 Sep 2025 14:10

Tgt Ion: 164 Resp: 3557
Ion Ratio Lower Upper
164 100
166 129.0 106.4 159.6
129 106.6 81.4 122.2
131 87.4 77.7 116.5

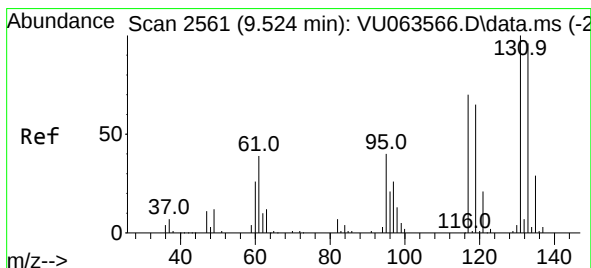
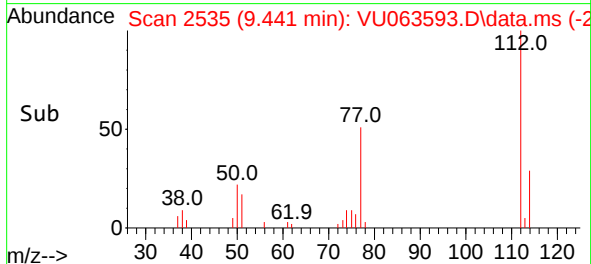
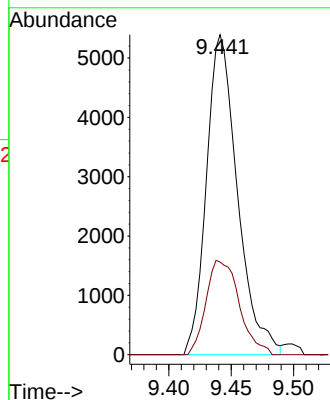
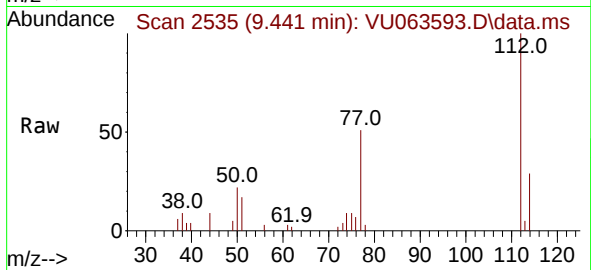




#59
Chlorobenzene
Concen: 0.351 ug/l
RT: 9.441 min Scan# 2535
Delta R.T. 0.003 min
Lab File: VU063593.D
Acq: 16 Sep 2025 14:10

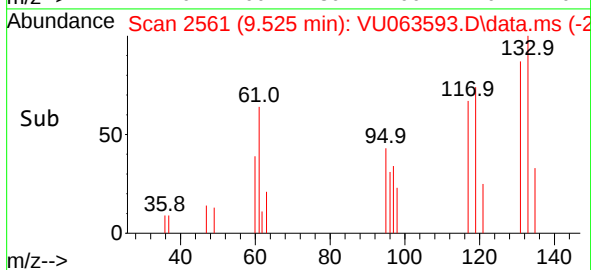
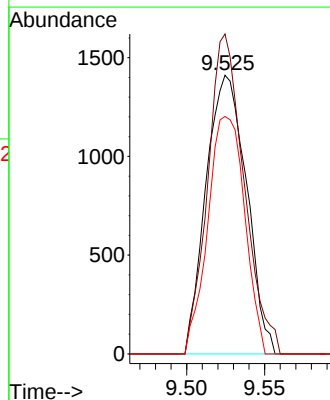
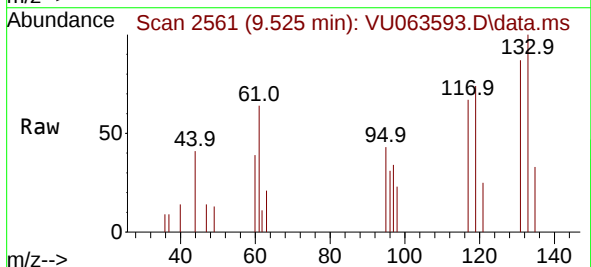
Instrument :
MSVOA_U
ClientSampleId :

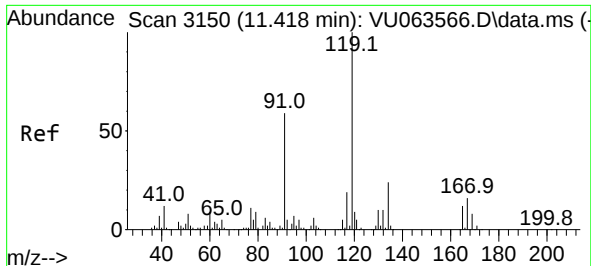
Tgt Ion:112 Resp: 9340
Ion Ratio Lower Upper
112 100
114 28.9 25.0 37.4



#60
1,1,1,2-Tetrachloroethane
Concen: 0.292 ug/l
RT: 9.525 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU063593.D
Acq: 16 Sep 2025 14:10

Tgt Ion:131 Resp: 2541
Ion Ratio Lower Upper
131 100
133 103.0 75.8 113.8
119 77.7 51.8 77.6#

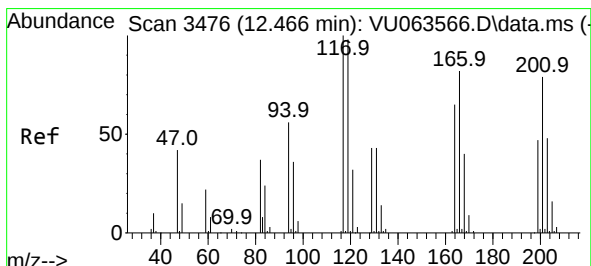
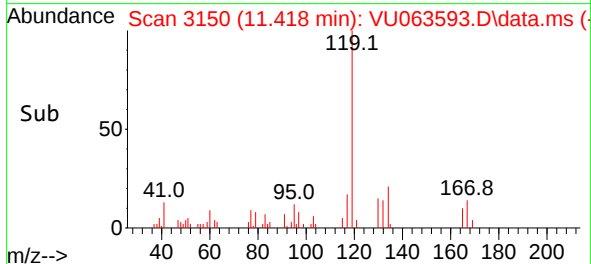
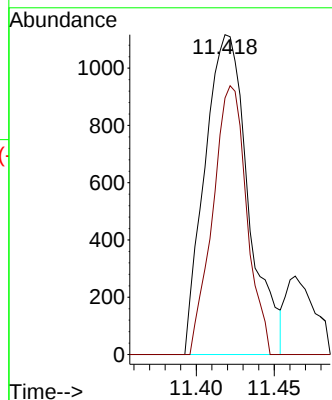
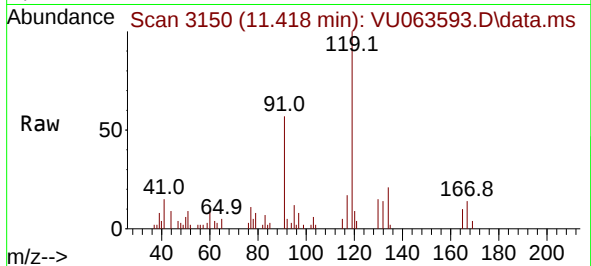




#61
 Pentachloroethane
 Concen: 0.348 ug/l
 RT: 11.418 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU063593.D
 Acq: 16 Sep 2025 14:10

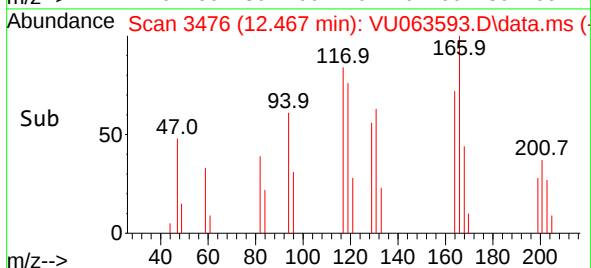
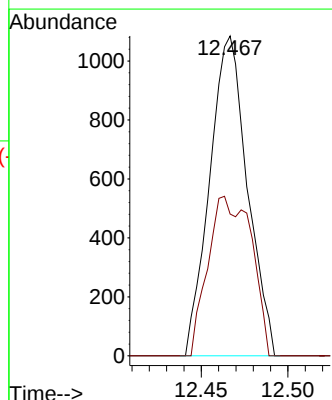
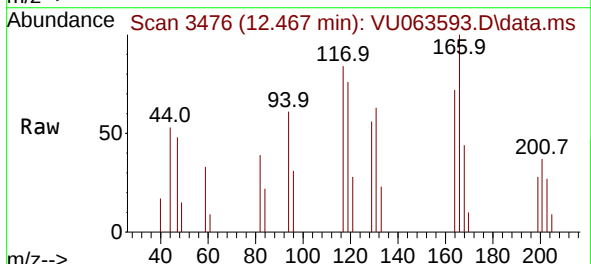
Instrument :
 MSVOA_U
 ClientSampleId :

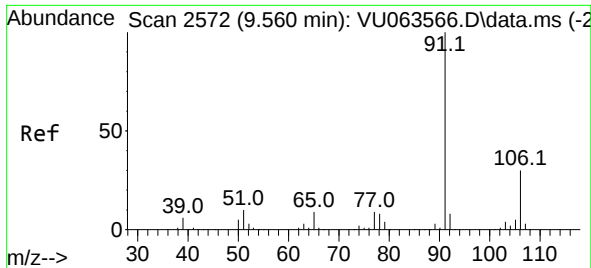
Tgt Ion:117 Resp: 2170
 Ion Ratio Lower Upper
 117 100
 167 65.4 62.6 93.8



#62
 Hexachloroethane
 Concen: 0.303 ug/l
 RT: 12.467 min Scan# 3476
 Delta R.T. 0.000 min
 Lab File: VU063593.D
 Acq: 16 Sep 2025 14:10

Tgt Ion:117 Resp: 1643
 Ion Ratio Lower Upper
 117 100
 201 57.6 61.0 91.6#

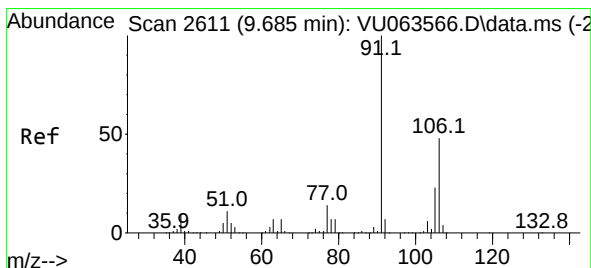
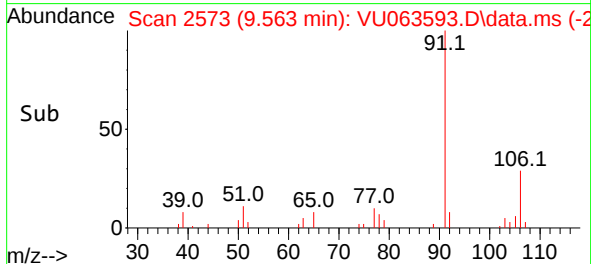
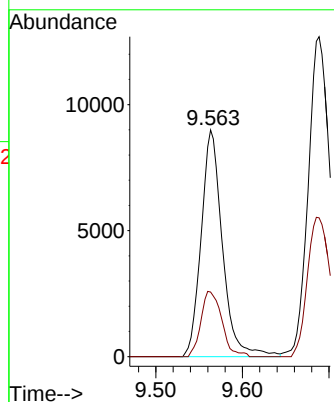
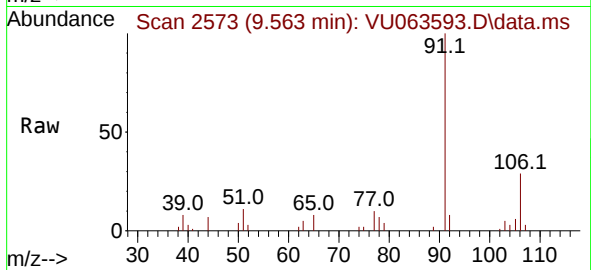




#63
Ethyl Benzene
Concen: 0.338 ug/l
RT: 9.563 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063593.D
Acq: 16 Sep 2025 14:10

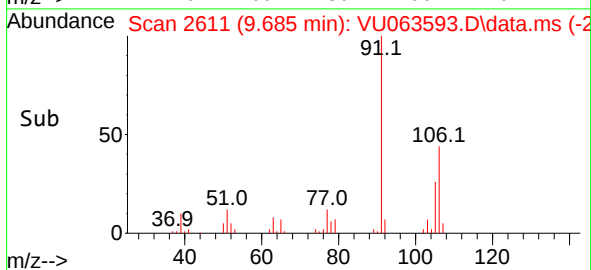
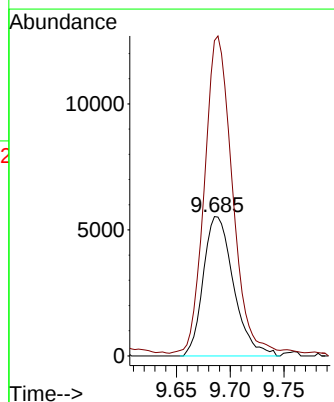
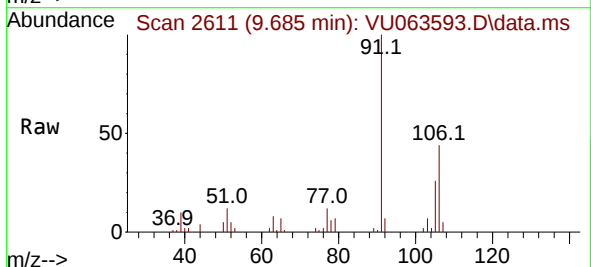
Instrument :
MSVOA_U
ClientSampleId :

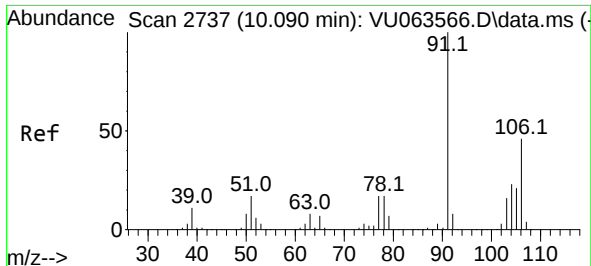
Tgt Ion: 91 Resp: 15346
Ion Ratio Lower Upper
91 100
106 28.5 23.8 35.8



#64
m/p-Xylenes
Concen: 0.619 ug/l
RT: 9.685 min Scan# 2611
Delta R.T. 0.000 min
Lab File: VU063593.D
Acq: 16 Sep 2025 14:10

Tgt Ion:106 Resp: 10818
Ion Ratio Lower Upper
106 100
91 208.8 167.0 250.4

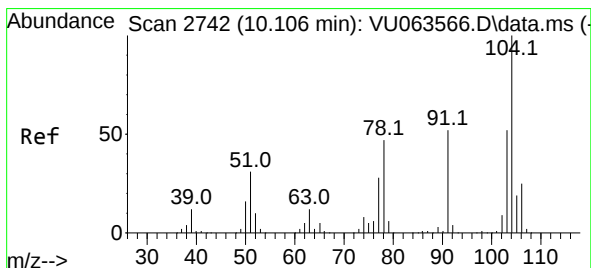
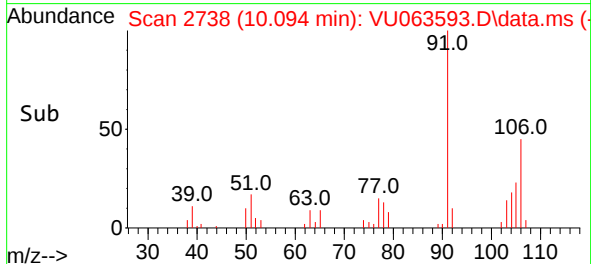
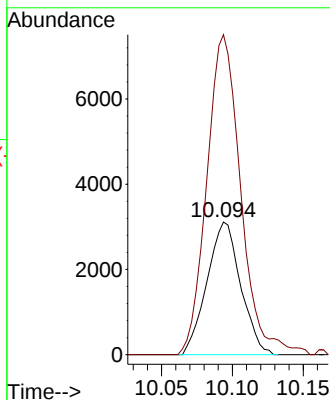
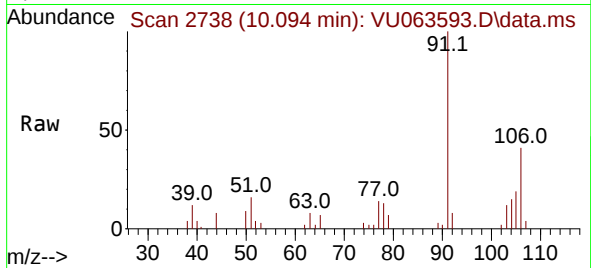




#65
o-Xylene
Concen: 0.294 ug/l
RT: 10.094 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063593.D
Acq: 16 Sep 2025 14:10

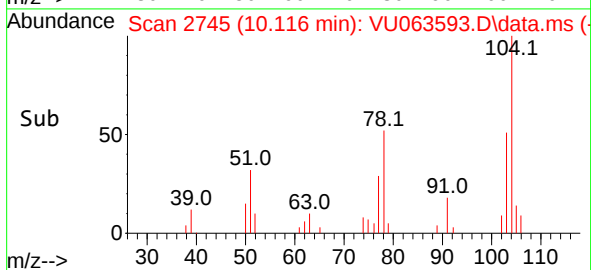
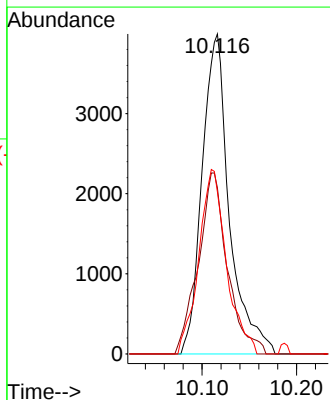
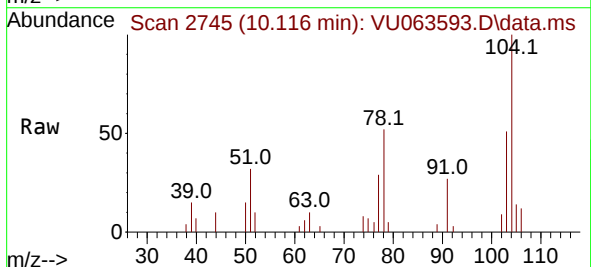
Instrument :
MSVOA_U
ClientSampleId :

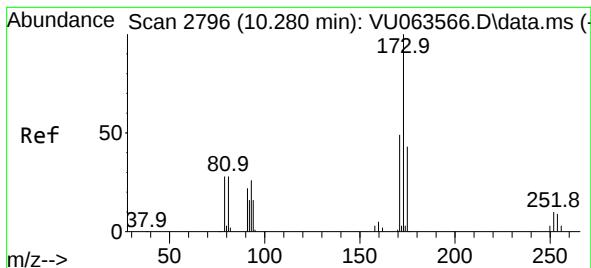
Tgt Ion:106 Resp: 5134
Ion Ratio Lower Upper
106 100
91 244.4 108.7 326.1



#66
Styrene
Concen: 0.286 ug/l
RT: 10.116 min Scan# 2745
Delta R.T. 0.010 min
Lab File: VU063593.D
Acq: 16 Sep 2025 14:10

Tgt Ion:104 Resp: 7987
Ion Ratio Lower Upper
104 100
78 60.8 41.2 61.8
103 58.5 44.2 66.2





#67

Bromoform

Concen: 0.310 ug/l

RT: 10.283 min Scan# 21

Delta R.T. 0.003 min

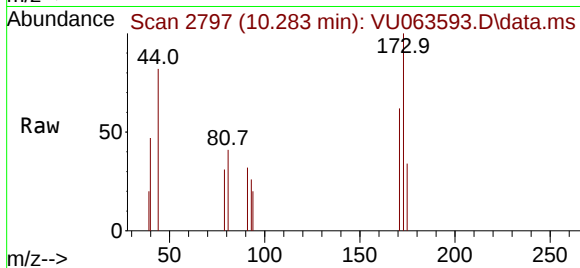
Lab File: VU063593.D

Acq: 16 Sep 2025 14:10

Instrument :

MSVOA_U

ClientSampleId :



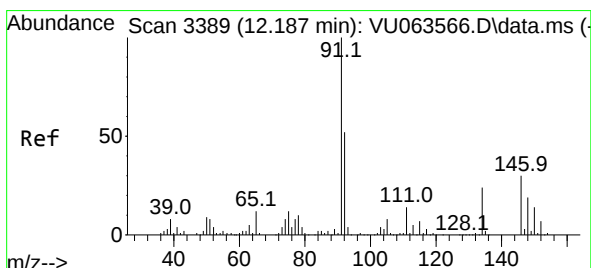
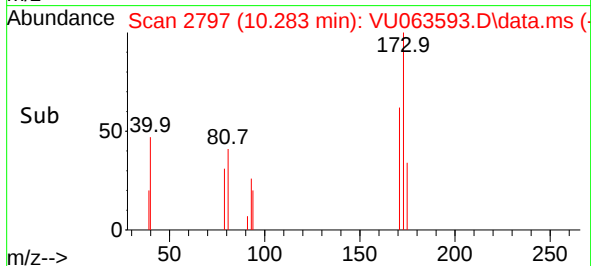
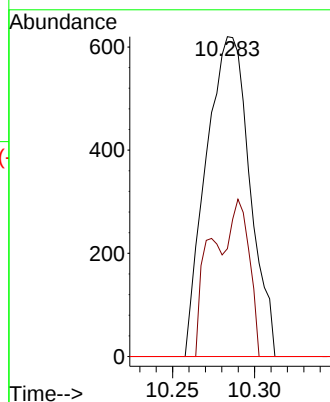
Tgt Ion:173 Resp: 1145

Ion Ratio Lower Upper

173 100

175 23.6 37.0 55.6#

254 0.0 7.1 10.7#



#68

1,2-Dichlorobenzene-d4

Concen: 0.900 ug/l

RT: 12.187 min Scan# 3389

Delta R.T. 0.000 min

Lab File: VU063593.D

Acq: 16 Sep 2025 14:10

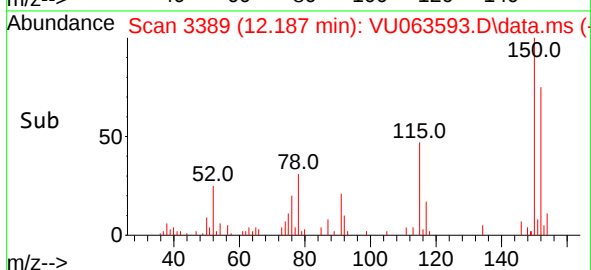
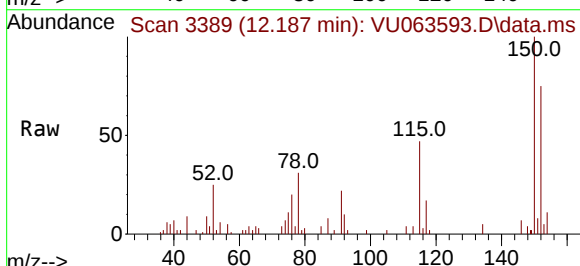
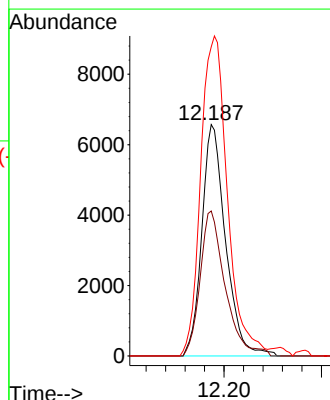
Tgt Ion:152 Resp: 11111

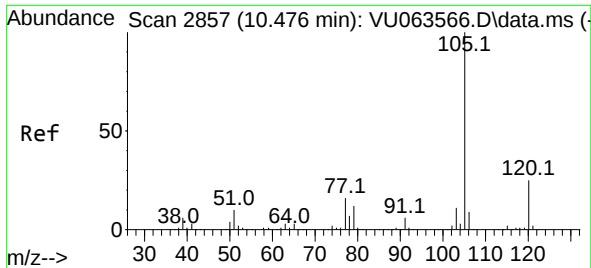
Ion Ratio Lower Upper

152 100

115 66.0 0.0 260.6

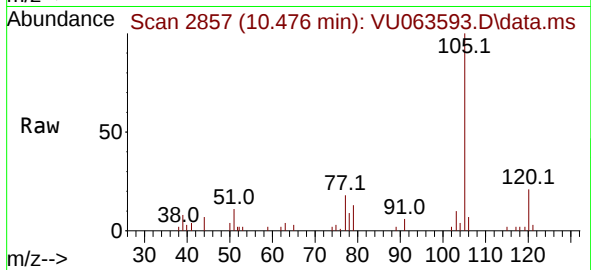
150 155.8 0.0 661.8



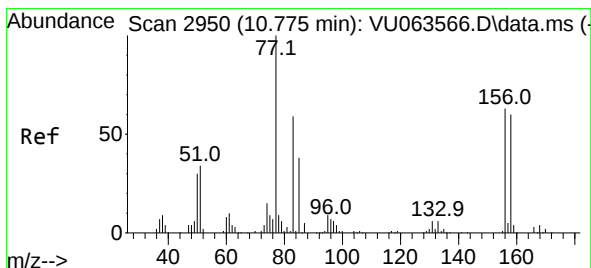
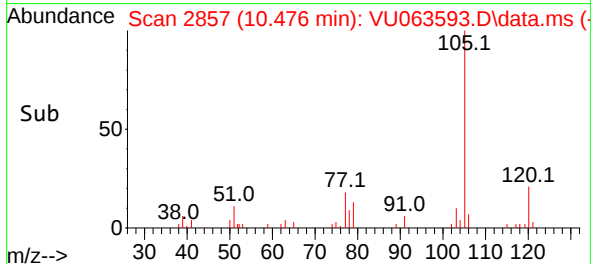
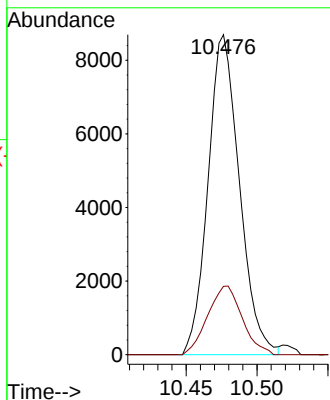


#69
Isopropylbenzene
Concen: 0.315 ug/l
RT: 10.476 min Scan# 2857
Delta R.T. 0.000 min
Lab File: VU063593.D
Acq: 16 Sep 2025 14:10

Instrument :
MSVOA_U
ClientSampleId :

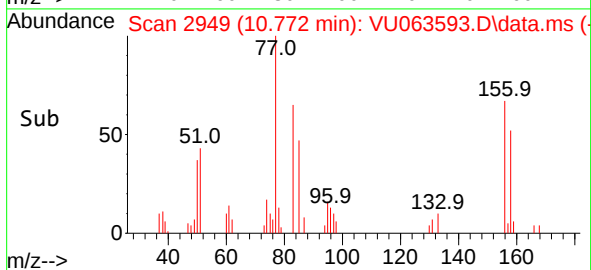
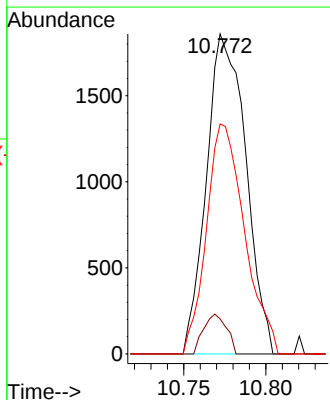
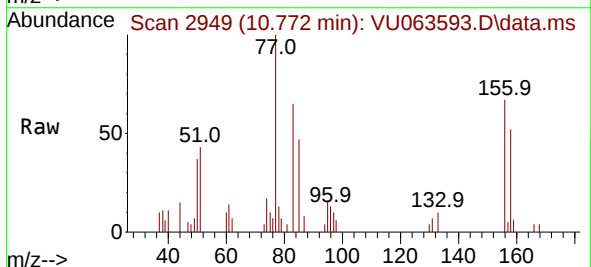


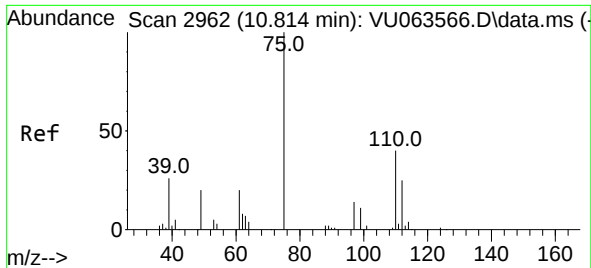
Tgt Ion:105 Resp: 13386
Ion Ratio Lower Upper
105 100
120 23.6 12.7 38.0



#70
1,1,2,2-Tetrachloroethane
Concen: 0.318 ug/l
RT: 10.772 min Scan# 2949
Delta R.T. -0.003 min
Lab File: VU063593.D
Acq: 16 Sep 2025 14:10

Tgt Ion: 83 Resp: 3094
Ion Ratio Lower Upper
83 100
131 7.3 7.7 11.5#
85 69.7 52.2 78.4

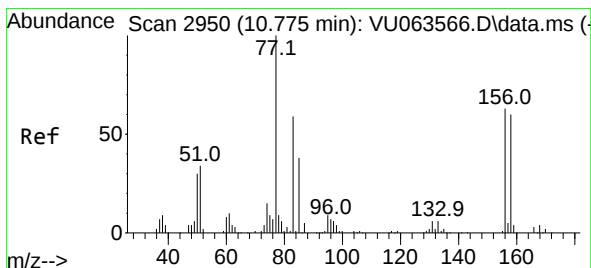
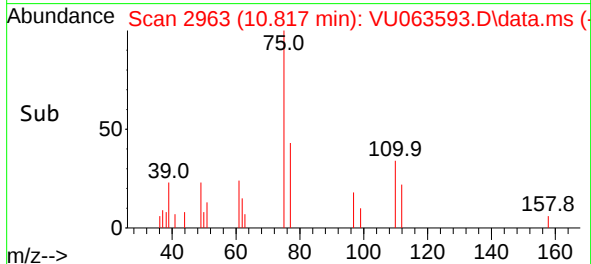
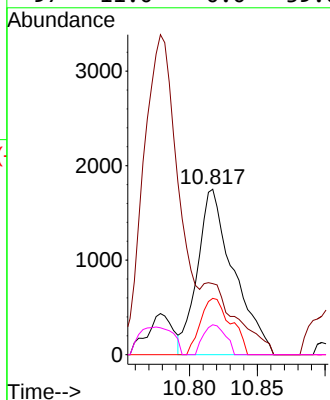
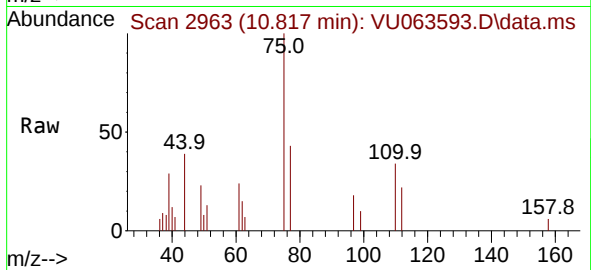




#71
1,2,3-Trichloropropane
Concen: 0.449 ug/l
RT: 10.817 min Scan# 2963
Delta R.T. 0.003 min
Lab File: VU063593.D
Acq: 16 Sep 2025 14:10

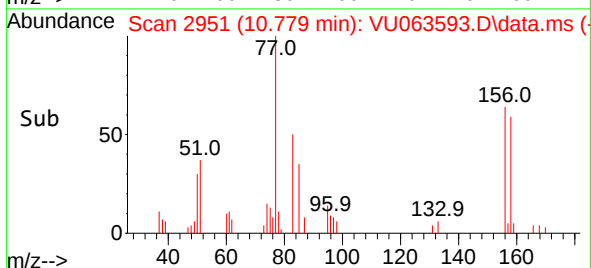
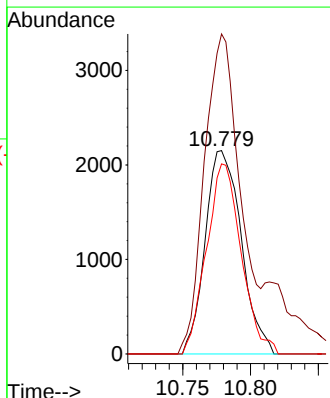
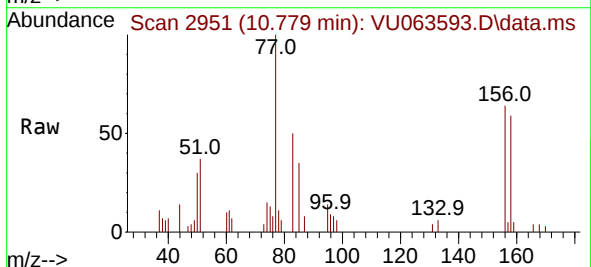
Instrument :
MSVOA_U
ClientSampleId :

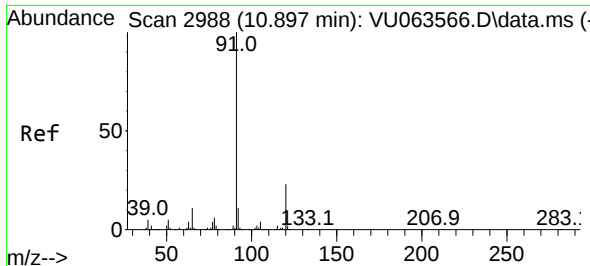
Tgt Ion: 75	Resp:	3240
Ion Ratio	Lower	Upper
75	100	
77	0.0	0.0
110	28.4	77.6
97	11.0	39.6



#72
Bromobenzene
Concen: 0.361 ug/l
RT: 10.779 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VU063593.D
Acq: 16 Sep 2025 14:10

Tgt Ion: 156	Resp:	3979
Ion Ratio	Lower	Upper
156	100	
77	155.4	323.0
158	90.1	195.4

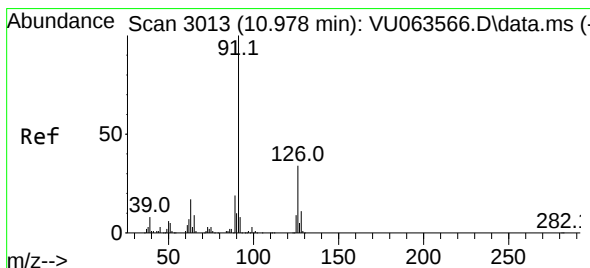
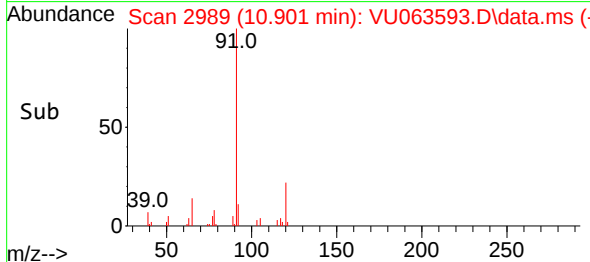
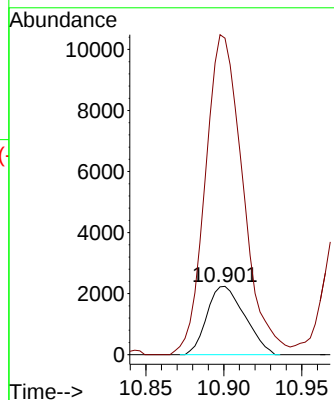
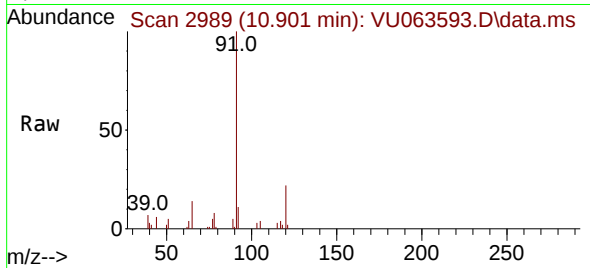




#73
n-propylbenzene
Concen: 0.307 ug/l
RT: 10.901 min Scan# 2988
Delta R.T. 0.003 min
Lab File: VU063593.D
Acq: 16 Sep 2025 14:10

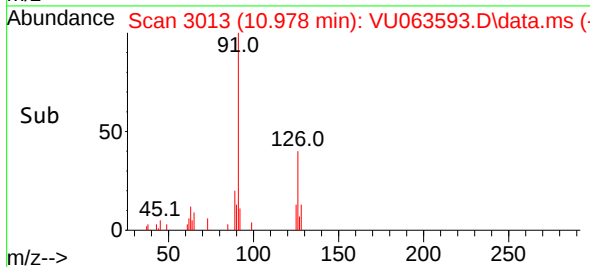
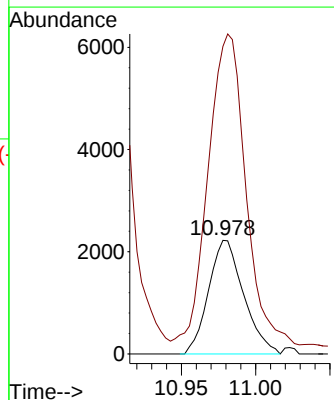
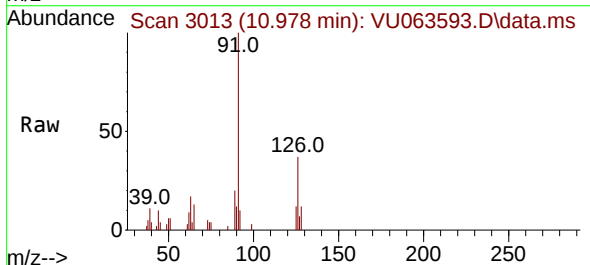
Instrument :
MSVOA_U
ClientSampleId :

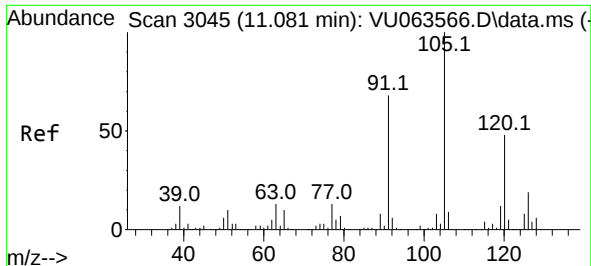
Tgt Ion:120 Resp: 3762
Ion Ratio Lower Upper
120 100
91 466.5 349.1 523.7



#74
2-Chlorotoluene
Concen: 0.329 ug/l
RT: 10.978 min Scan# 3013
Delta R.T. 0.000 min
Lab File: VU063593.D
Acq: 16 Sep 2025 14:10

Tgt Ion:126 Resp: 3649
Ion Ratio Lower Upper
126 100
91 296.9 0.0 609.4

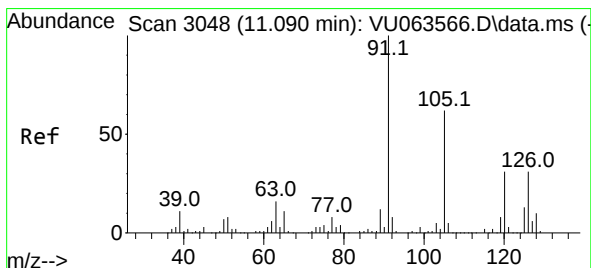
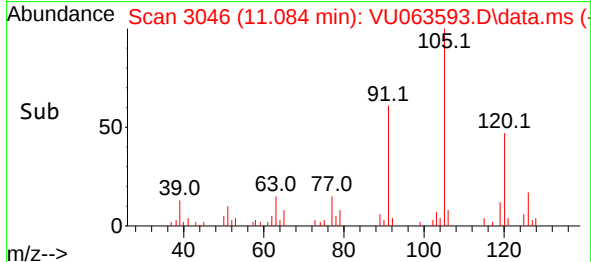
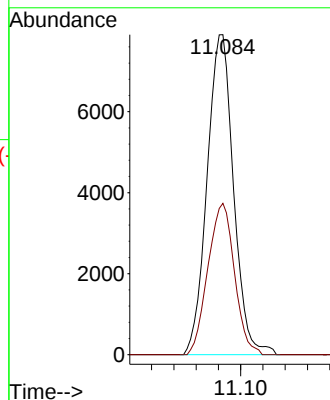
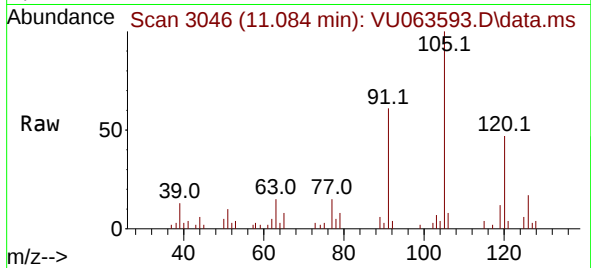




#75
1,3,5-Trimethylbenzene
Concen: 0.329 ug/l
RT: 11.084 min Scan# 3045
Delta R.T. 0.003 min
Lab File: VU063593.D
Acq: 16 Sep 2025 14:10

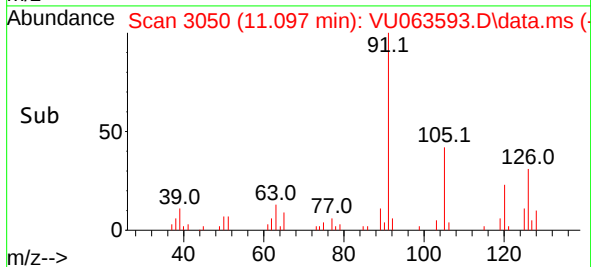
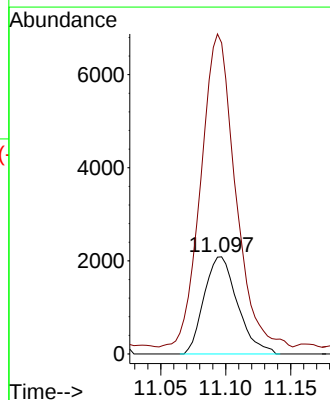
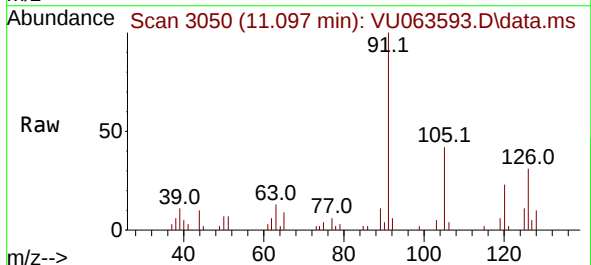
Instrument :
MSVOA_U
ClientSampleId :

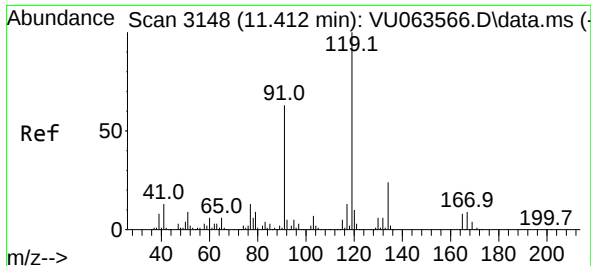
Tgt Ion:105 Resp: 13054
Ion Ratio Lower Upper
105 100
120 47.4 38.0 57.0



#76
4-Chlorotoluene
Concen: 0.321 ug/l
RT: 11.097 min Scan# 3050
Delta R.T. 0.007 min
Lab File: VU063593.D
Acq: 16 Sep 2025 14:10

Tgt Ion:126 Resp: 3734
Ion Ratio Lower Upper
126 100
91 334.3 0.0 679.4

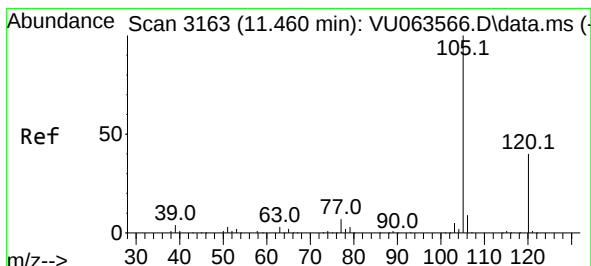
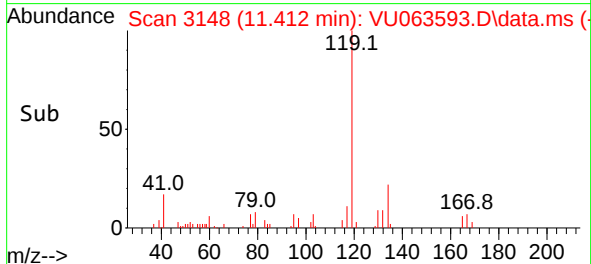
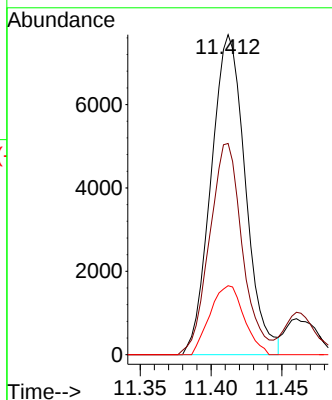
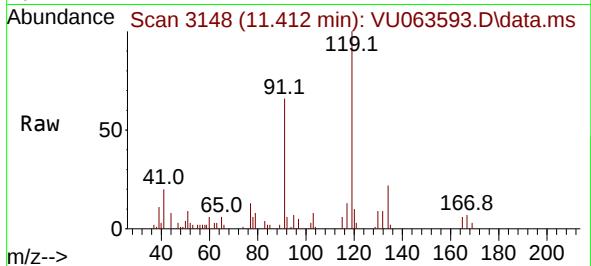




#77
 tert-Butylbenzene
 Concen: 0.337 ug/l
 RT: 11.412 min Scan# 3148
 Delta R.T. 0.000 min
 Lab File: VU063593.D
 Acq: 16 Sep 2025 14:10

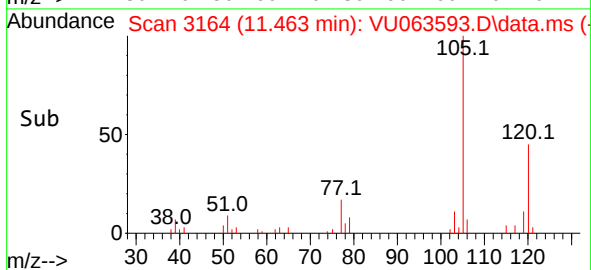
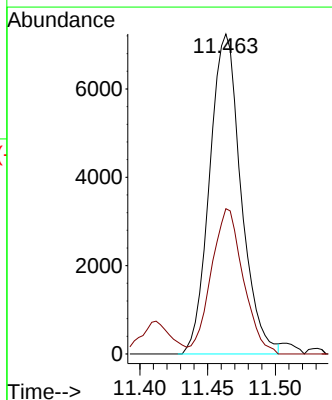
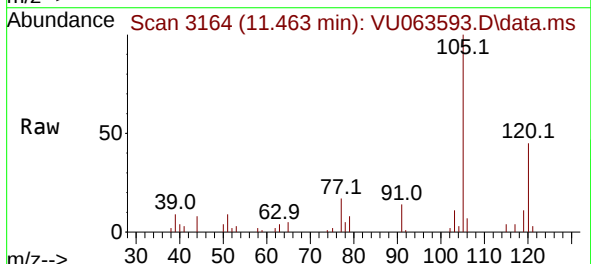
Instrument :
 MSVOA_U
 ClientSampleId :

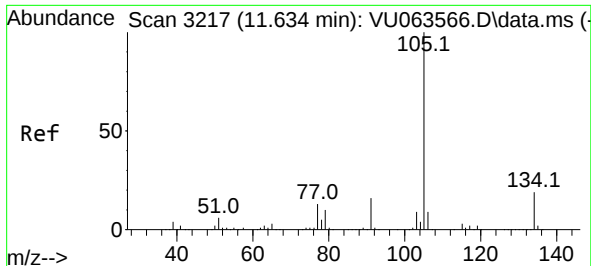
Tgt Ion:119	Resp:	12925
Ion Ratio	Lower	Upper
119	100	
91	63.5	31.0 93.0
134	21.3	19.0 28.6



#78
 1,2,4-Trimethylbenzene
 Concen: 0.303 ug/l
 RT: 11.463 min Scan# 3164
 Delta R.T. 0.003 min
 Lab File: VU063593.D
 Acq: 16 Sep 2025 14:10

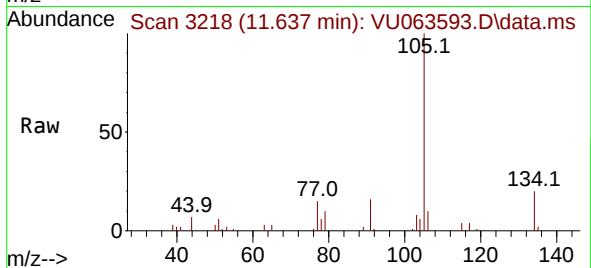
Tgt Ion:105	Resp:	11707
Ion Ratio	Lower	Upper
105	100	
120	46.2	22.4 67.3



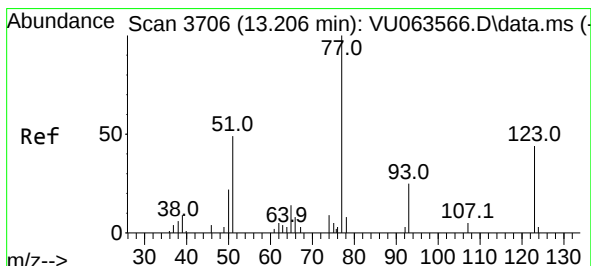
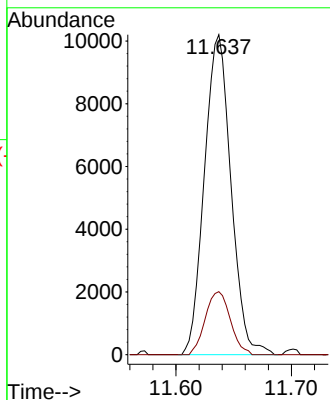
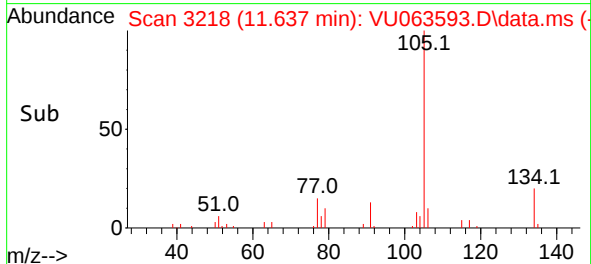


#79
 sec-Butylbenzene
 Concen: 0.314 ug/l
 RT: 11.637 min Scan# 3121
 Delta R.T. 0.003 min
 Lab File: VU063593.D
 Acq: 16 Sep 2025 14:10

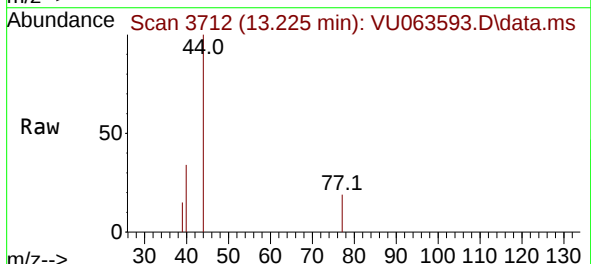
Instrument :
 MSVOA_U
 ClientSampleId :



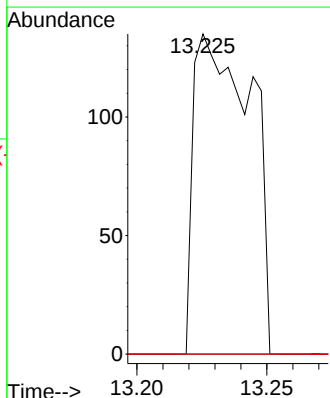
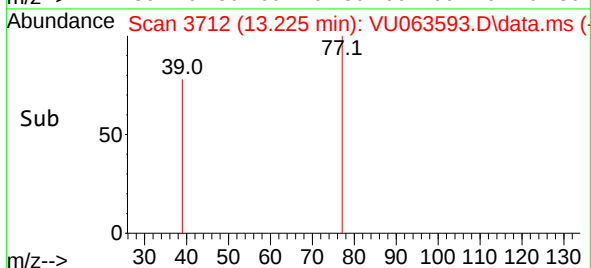
Tgt Ion:105 Resp: 16321
 Ion Ratio Lower Upper
 105 100
 134 18.5 15.6 23.4

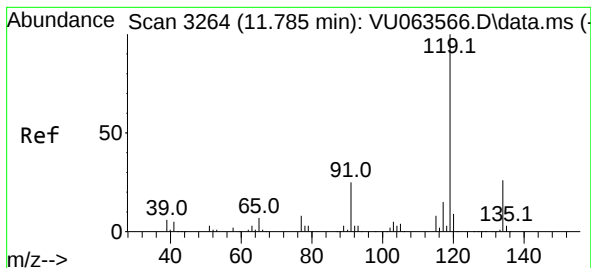


#80
 Nitrobenzene
 Concen: 1.532 ug/l
 RT: 13.225 min Scan# 3712
 Delta R.T. 0.019 min
 Lab File: VU063593.D
 Acq: 16 Sep 2025 14:10



Tgt Ion: 77 Resp: 205
 Ion Ratio Lower Upper
 77 100
 123 0.0 18.0 63.6#
 65 0.0 12.8 16.4#





#81

p-Isopropyltoluene

Concen: 0.303 ug/l

RT: 11.788 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU063593.D

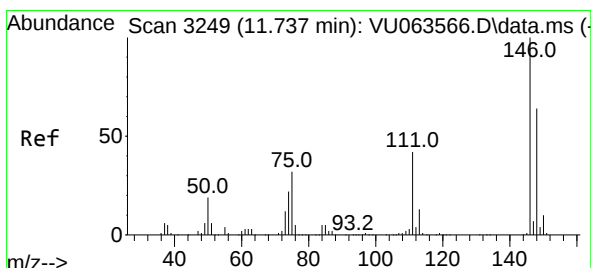
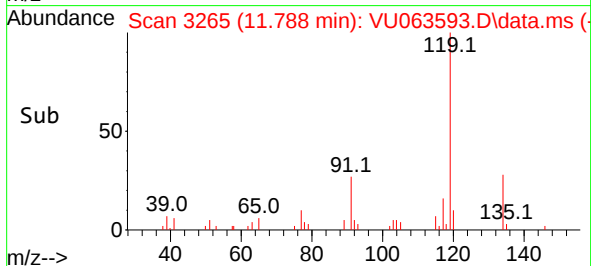
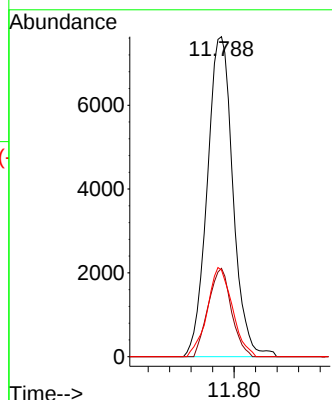
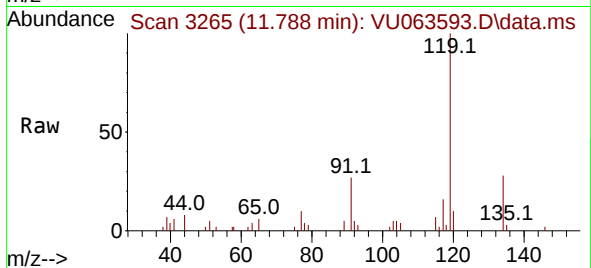
Acq: 16 Sep 2025 14:10

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	119	Resp:	12659
Ion Ratio	Lower	Upper	
119	100		
134	24.9	20.6	30.8
91	27.2	19.8	29.6



#82

1,3-Dichlorobenzene

Concen: 0.337 ug/l

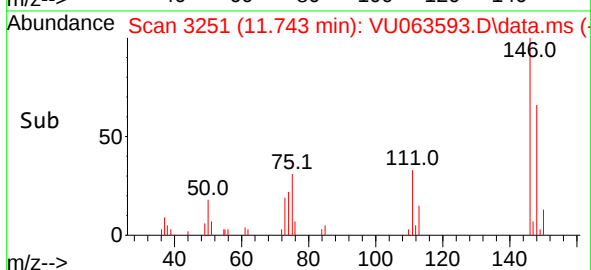
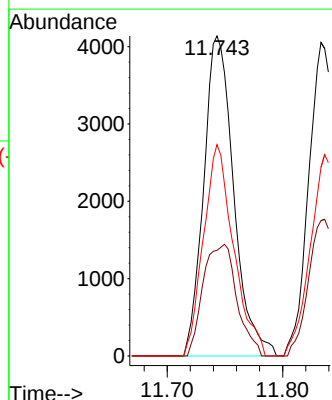
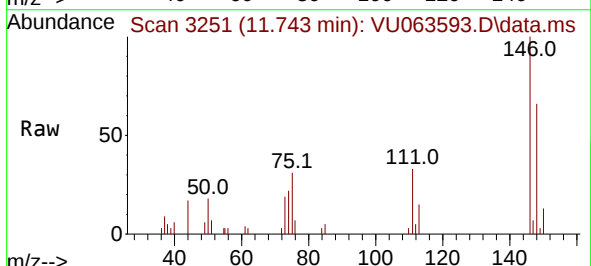
RT: 11.743 min Scan# 3251

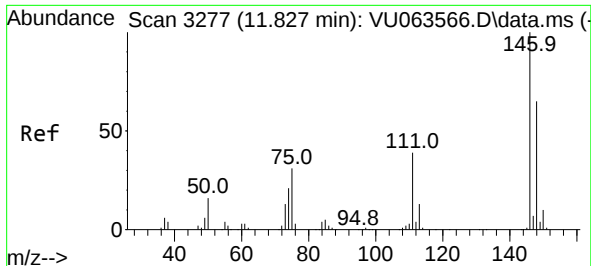
Delta R.T. 0.007 min

Lab File: VU063593.D

Acq: 16 Sep 2025 14:10

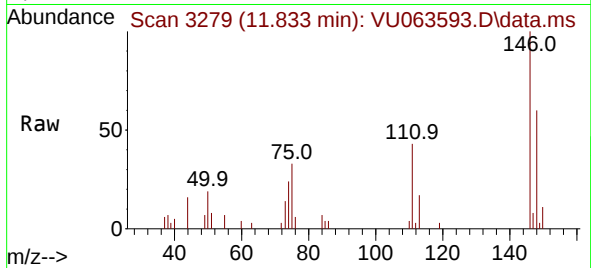
Tgt Ion:	146	Resp:	7456
Ion Ratio	Lower	Upper	
146	100		
111	39.3	32.7	49.1
148	66.2	50.4	75.6



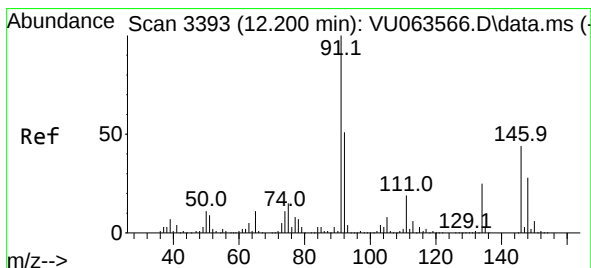
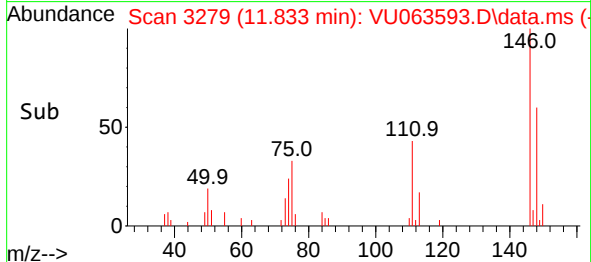
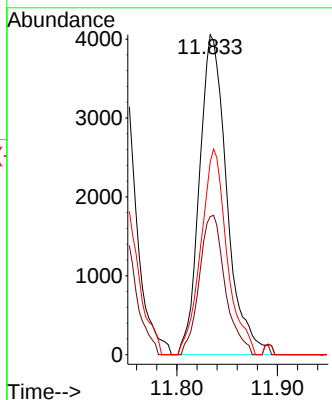


#83
1,4-Dichlorobenzene
Concen: 0.338 ug/l
RT: 11.833 min Scan# 31
Delta R.T. 0.007 min
Lab File: VU063593.D
Acq: 16 Sep 2025 14:10

Instrument :
MSVOA_U
ClientSampleId :

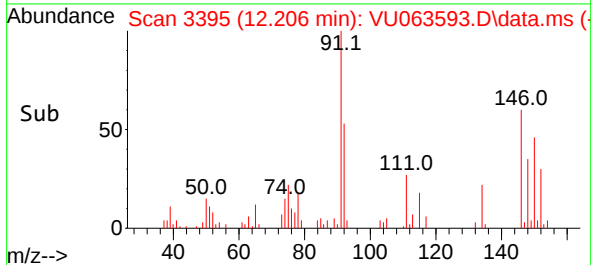
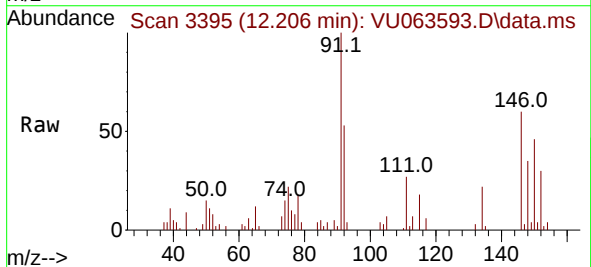
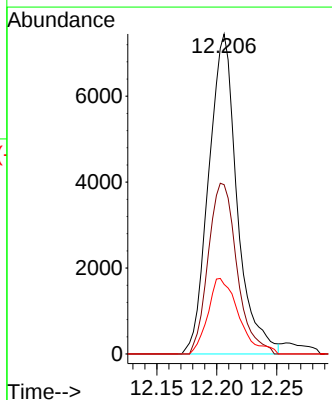


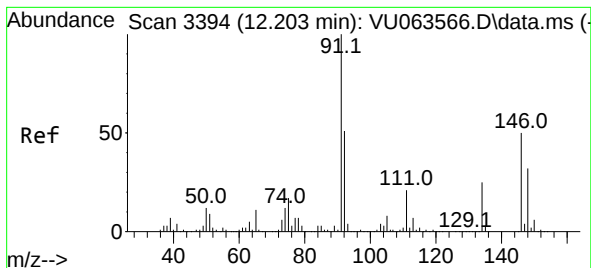
Tgt Ion:146 Resp: 7699
Ion Ratio Lower Upper
146 100
111 41.1 31.6 47.4
148 61.2 51.8 77.8



#84
n-Butylbenzene
Concen: 0.312 ug/l
RT: 12.206 min Scan# 3395
Delta R.T. 0.007 min
Lab File: VU063593.D
Acq: 16 Sep 2025 14:10

Tgt Ion: 91 Resp: 12244
Ion Ratio Lower Upper
91 100
92 54.0 41.3 61.9
134 25.7 19.9 29.9





#85

1,2-Dichlorobenzene

Concen: 0.360 ug/l

RT: 12.206 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU063593.D

Acq: 16 Sep 2025 14:10

Instrument :

MSVOA_U

ClientSampleId :

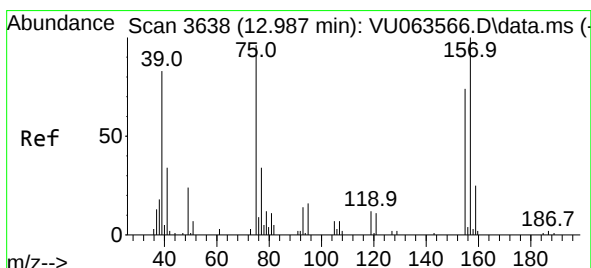
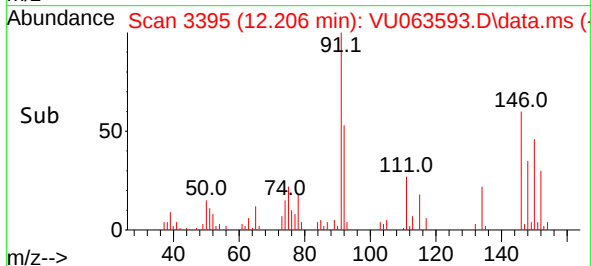
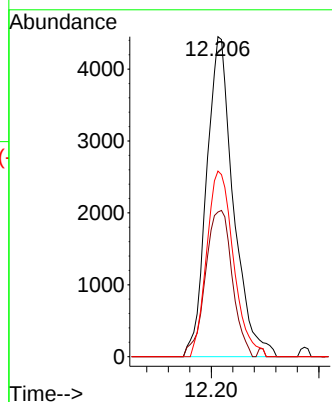
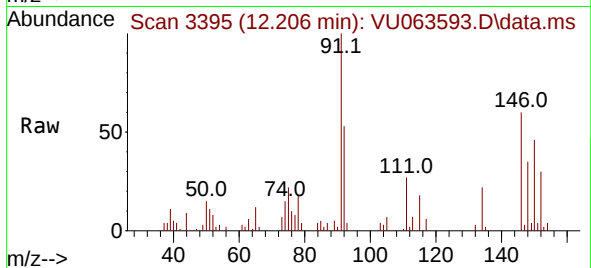
Tgt Ion:146 Resp: 7682

Ion Ratio Lower Upper

146 100

111 45.8 21.0 63.0

148 58.2 31.8 95.3



#86

1,2-Dibromo-3-Chloropropane

Concen: 0.176 ug/l

RT: 12.997 min Scan# 3641

Delta R.T. 0.010 min

Lab File: VU063593.D

Acq: 16 Sep 2025 14:10

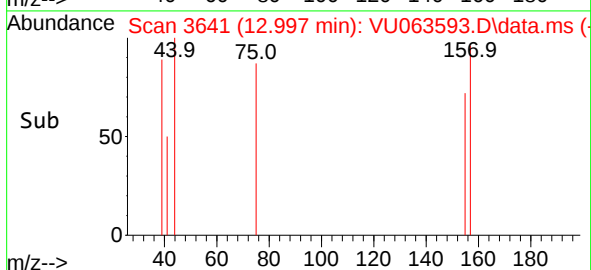
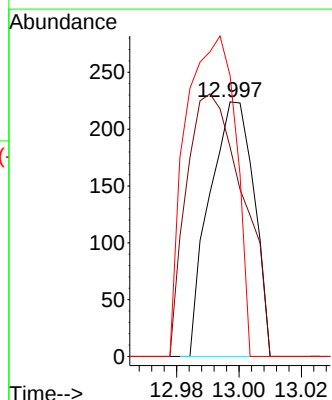
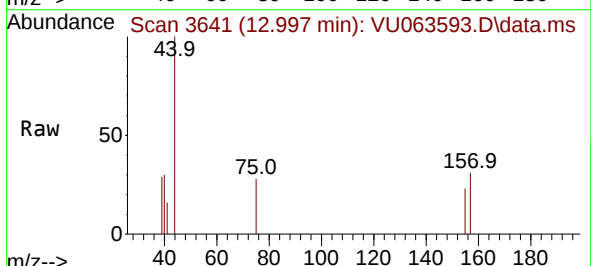
Tgt Ion: 75 Resp: 221

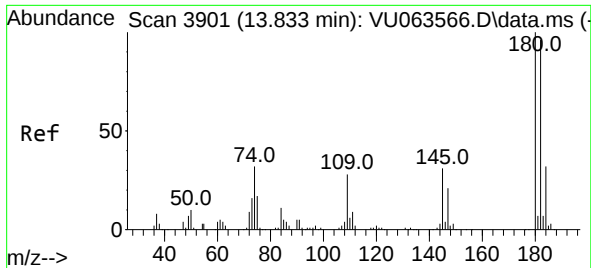
Ion Ratio Lower Upper

75 100

155 131.7 64.1 96.1#

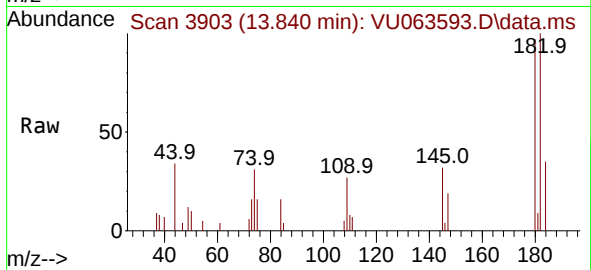
157 142.1 84.2 126.4#



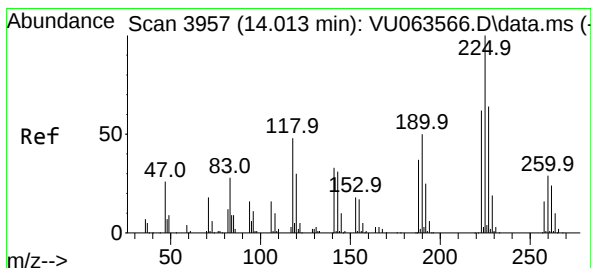
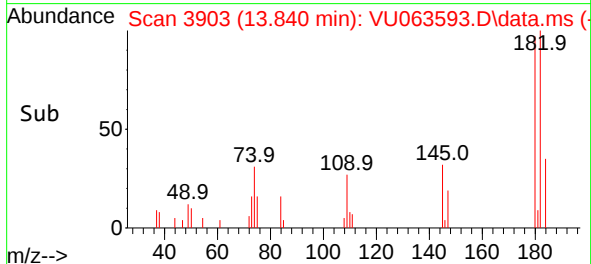
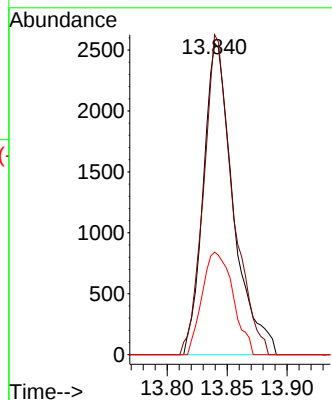


#87
 1,2,4-Trichlorobenzene
 Concen: 0.344 ug/l
 RT: 13.840 min Scan# 3903
 Delta R.T. 0.007 min
 Lab File: VU063593.D
 Acq: 16 Sep 2025 14:10

Instrument :
 MSVOA_U
 ClientSampleId :

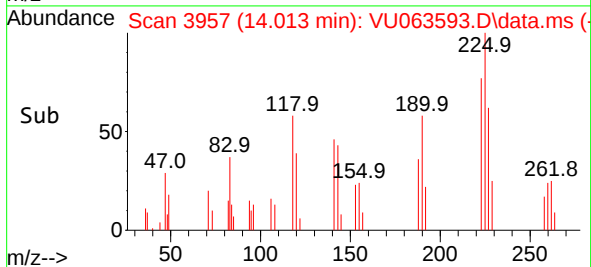
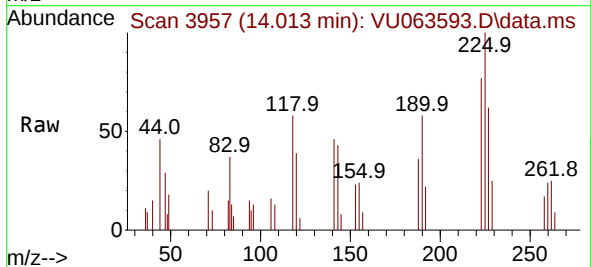
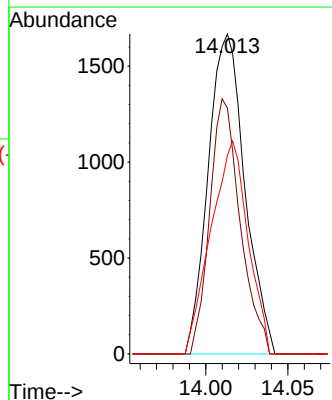


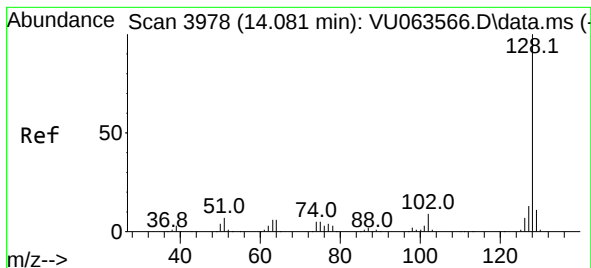
Tgt Ion:180 Resp: 4449
 Ion Ratio Lower Upper
 180 100
 182 99.0 77.1 115.7
 145 33.8 25.0 37.4



#88
 Hexachlorobutadiene
 Concen: 0.322 ug/l
 RT: 14.013 min Scan# 3957
 Delta R.T. 0.000 min
 Lab File: VU063593.D
 Acq: 16 Sep 2025 14:10

Tgt Ion:225 Resp: 2590
 Ion Ratio Lower Upper
 225 100
 223 66.4 50.2 75.2
 227 67.4 51.6 77.4





#89

Naphthalene

Concen: 0.444 ug/l

RT: 14.094 min Scan# 3978

Delta R.T. 0.013 min

Lab File: VU063593.D

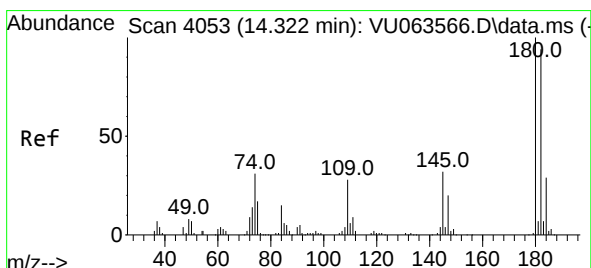
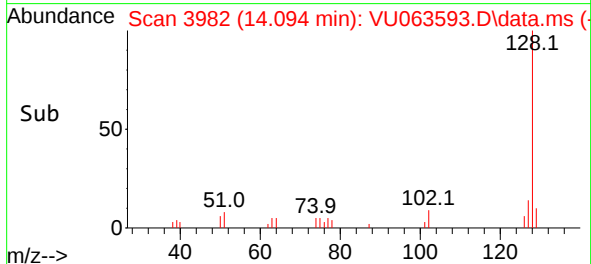
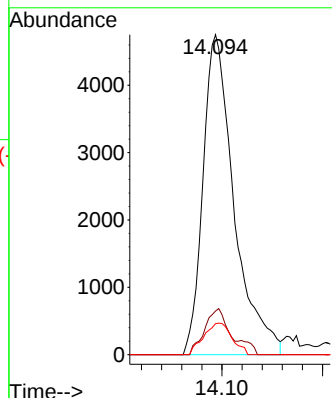
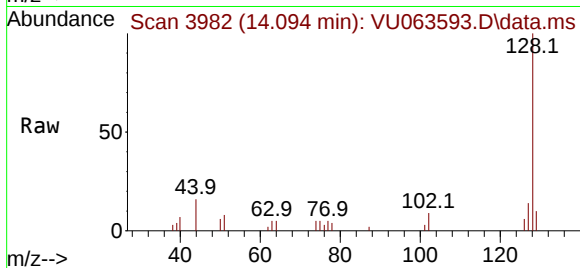
Acq: 16 Sep 2025 14:10

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:128	Resp:	10164
Ion Ratio	Lower	Upper
128	100	
127	12.5	10.2 15.4
129	9.0	8.6 13.0



#90

1,2,3-Trichlorobenzene

Concen: 0.377 ug/l

RT: 14.325 min Scan# 4054

Delta R.T. 0.003 min

Lab File: VU063593.D

Acq: 16 Sep 2025 14:10

Tgt Ion:180	Resp:	4627
Ion Ratio	Lower	Upper
180	100	
182	93.3	76.8 115.2
145	31.4	26.6 40.0

