

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091225\
 Data File : VU063562.D
 Acq On : 12 Sep 2025 09:13
 Operator : MD/SY
 Sample : VSTDICC0.5
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC0.5

Quant Time: Sep 13 02:16:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U091225DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Sat Sep 13 02:14:55 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.100	96	35777	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	11955	1.019	ug/l	0.00
Spiked Amount	1.000		Recovery	= 102.000%		
68) 1,2-Dichlorobenzene-d4	12.187	152	12232	1.065	ug/l	0.00
Spiked Amount	1.000		Recovery	= 107.000%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	6204	0.714	ug/l	99
3) Chloromethane	1.518	50	6153	0.730	ug/l	95
4) Vinyl Chloride	1.595	62	6428	0.607	ug/l	91
5) Bromomethane	1.843	94	4587	0.634	ug/l	93
6) Chloroethane	1.920	64	4162	0.560	ug/l	99
7) Trichlorofluoromethane	2.126	101	8853	0.481	ug/l	90
8) 1,1,2-Trichloro-1,2,2-...	2.570	101	5266	0.524	ug/l	94
9) 1,1-Dichloroethene	2.567	96	4840	0.536	ug/l	90
10) Iodomethane	2.708	142	5885	0.414	ug/l	96
11) Allyl Chloride	2.911	41	7510	0.630	ug/l	100
12) Acrylonitrile	3.306	53	2964	1.261	ug/l	99
13) Acetone	2.618	43	11687	3.185	ug/l	93
14) Carbon Disulfide	2.779	76	9651	0.496	ug/l	98
15) Methylene Chloride	3.030	84	6886	0.569	ug/l	95
16) trans-1,2-Dichloroethene	3.335	96	5050	0.511	ug/l	91
17) 1,1-Dichloroethane	3.853	63	11322	0.558	ug/l	98
18) 2-Butanone	4.714	43	11878	2.966	ug/l	94
19) Cyclohexane	5.364	56	8106	0.524	ug/l	87
20) Methylcyclohexane	6.743	83	8925	0.644	ug/l	93
21) 2,2-Dichloropropane	4.650	77	8011	0.495	ug/l	97
22) cis-1,2-Dichloroethene	4.653	96	5871	0.490	ug/l	96
23) Diethyl Ether	2.370	59	4139	0.575	ug/l	92
24) tert-Butyl Alcohol	3.181	59	6265	6.664	ug/l	95
25) Methyl tert-Butyl Ether	3.354	73	13490	0.531	ug/l	93
26) Bromochloromethane	4.955	128	2182	0.431	ug/l	86
27) Chloroform	5.074	83	11389	0.523	ug/l	99
28) 1,1,1-Trichloroethane	5.296	97	8539	0.498	ug/l	95
29) 1,1-Dichloropropene	5.509	75	8277	0.555	ug/l	94
30) Carbon Tetrachloride	5.502	117	5748	0.439	ug/l	96
31) Isopropyl Ether	3.991	45	18660	0.619	ug/l	88
32) Ethyl-t-butyl ether	4.502	59	16131	0.571	ug/l	99
33) Tert-Amyl methyl ether	5.939	73	13626	0.534	ug/l	99
34) Propionitrile	4.772	54	2656	2.885	ug/l #	88
35) Benzene	5.759	78	22127	0.504	ug/l	99
36) 1,2-Dichloroethane	5.785	62	7507	0.528	ug/l #	89
37) Trichloroethene	6.528	130	6167	0.555	ug/l	91
38) 1,2-Dichloropropane	6.779	63	6424	0.627	ug/l	93
39) Methacrylonitrile	4.972	41	2567	0.656	ug/l #	81
40) Methyl acrylate	4.849	55	3267	0.546	ug/l #	93
41) Tetrahydrofuran	5.062	42	2790	1.327	ug/l	94
42) 1-Chlorobutane	5.441	56	11233	0.586	ug/l	98
43) Dibromomethane	6.904	93	2798	0.529	ug/l #	90
44) Bromodichloromethane	7.097	83	6330	0.565	ug/l	97

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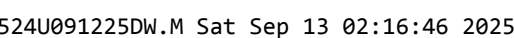
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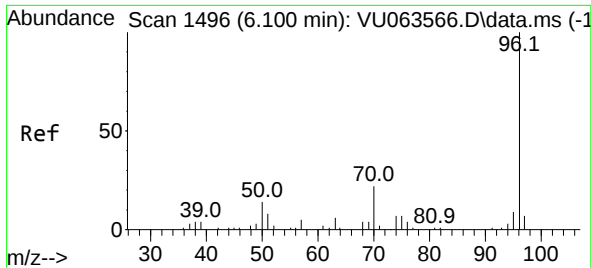
Quant Time: Sep 13 02:16:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U091225DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Sat Sep 13 02:14:55 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.798	43	18411	3.543	ug/l	96
46) t-1,4-Dichloro-2-butene	10.817	75	5182	2.178	ug/l #	70
47) Methyl methacrylate	6.965	69	5878	1.298	ug/l	94
48) Ethyl methacrylate	8.338	69	4699	0.617	ug/l	97
49) Toluene	7.959	92	11891	0.587	ug/l	97
50) t-1,3-Dichloropropene	8.206	75	4377	0.557	ug/l	100
51) cis-1,3-Dichloropropene	7.598	75	5642	0.552	ug/l	94
52) 1,1,2-Trichloroethane	8.396	97	3906	0.562	ug/l #	86
53) 1,3-Dichloropropane	8.569	76	6980	0.609	ug/l	97
54) 2-Hexanone	8.692	43	12969	3.091	ug/l	96
55) Dibromochloromethane	8.804	129	3602	0.540	ug/l	99
56) 1,2-Dibromoethane	8.920	107	3536	0.600	ug/l	97
58) Tetrachloroethene	8.544	164	5219	0.588	ug/l	97
59) Chlorobenzene	9.444	112	13639	0.570	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.524	131	4444	0.566	ug/l	100
61) Pentachloroethane	11.421	117	3191	0.536	ug/l	90
62) Hexachloroethane	12.466	117	2550	0.490	ug/l	85
63) Ethyl Benzene	9.563	91	22944	0.561	ug/l	97
64) m/p-Xylenes	9.688	106	17019	1.083	ug/l	99
65) o-Xylene	10.097	106	9085	0.583	ug/l	96
66) Styrene	10.113	104	13383	0.526	ug/l	100
67) Bromoform	10.283	173	1696	0.506	ug/l #	85
69) Isopropylbenzene	10.476	105	20971	0.548	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.775	83	4965	0.554	ug/l	97
71) 1,2,3-Trichloropropane	10.817	75	5182	0.834	ug/l #	70
72) Bromobenzene	10.775	156	5576	0.574	ug/l	96
73) n-propylbenzene	10.901	120	5854	0.521	ug/l	94
74) 2-Chlorotoluene	10.981	126	5338	0.530	ug/l	93
75) 1,3,5-Trimethylbenzene	11.081	105	19043	0.522	ug/l	98
76) 4-Chlorotoluene	11.094	126	5653	0.531	ug/l	88
77) tert-Butylbenzene	11.412	119	19684	0.555	ug/l	99
78) 1,2,4-Trimethylbenzene	11.463	105	17989	0.496	ug/l	98
79) sec-Butylbenzene	11.637	105	24369	0.509	ug/l	100
80) Nitrobenzene	13.232	77	77	3.799	ug/l #	35
81) p-Isopropyltoluene	11.788	119	18626	0.480	ug/l	94
82) 1,3-Dichlorobenzene	11.743	146	10956	0.545	ug/l	98
83) 1,4-Dichlorobenzene	11.833	146	11735	0.576	ug/l	97
84) n-Butylbenzene	12.203	91	18663	0.508	ug/l	97
85) 1,2-Dichlorobenzene	12.209	146	10691	0.548	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.991	75	512	0.436	ug/l #	76
87) 1,2,4-Trichlorobenzene	13.836	180	6309	0.551	ug/l	99
88) Hexachlorobutadiene	14.016	225	3815	0.547	ug/l	97
89) Naphthalene	14.093	128	11883	0.571	ug/l #	95
90) 1,2,3-Trichlorobenzene	14.328	180	6059	0.572	ug/l	97

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

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QLast Update : Sat Sep 13 02:14:55 2025
Response via : Initial Calibration

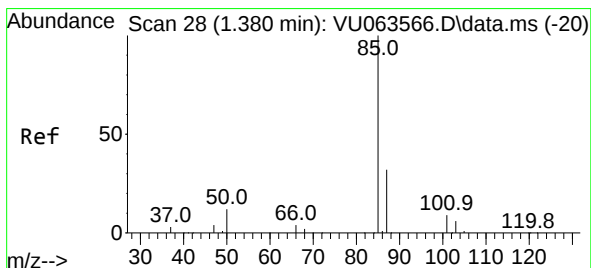
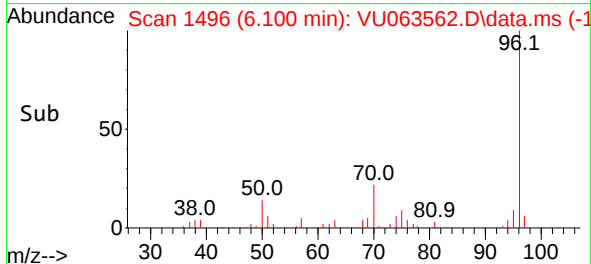
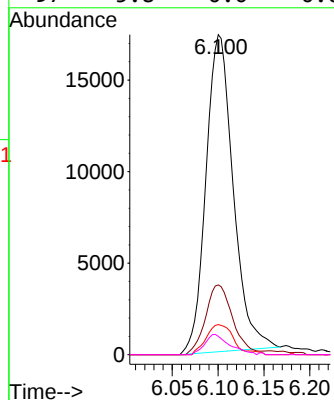
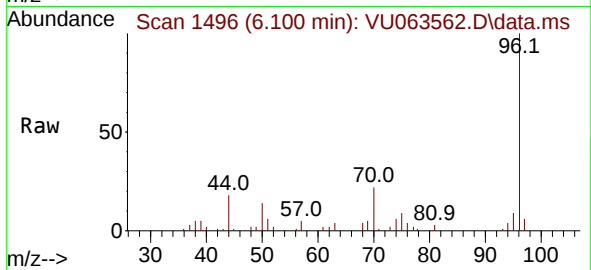




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.100 min Scan# 1496
Delta R.T. 0.000 min
Lab File: VU063562.D
Acq: 12 Sep 2025 09:13

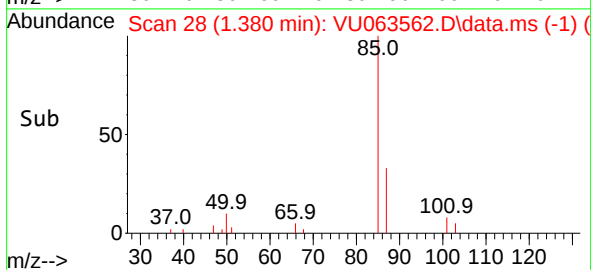
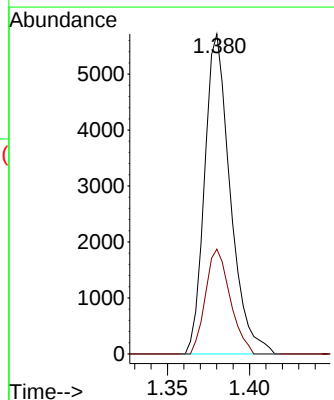
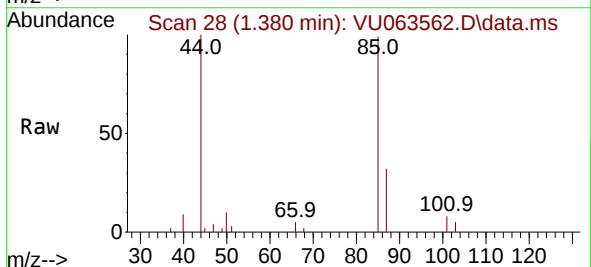
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

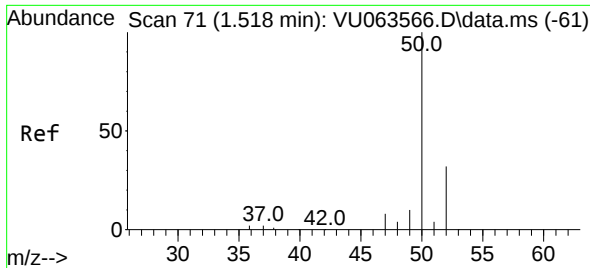
Tgt Ion:	96	Resp:	35777
Ion	Ratio	Lower	Upper
96	100		
70	20.6	15.5	23.3
95	9.6	7.7	11.5
97	5.8	0.0	0.0



#2
Dichlorodifluoromethane
Concen: 0.714 ug/l
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU063562.D
Acq: 12 Sep 2025 09:13

Tgt Ion:	85	Resp:	6204
Ion	Ratio	Lower	Upper
85	100		
87	32.7	16.1	48.2

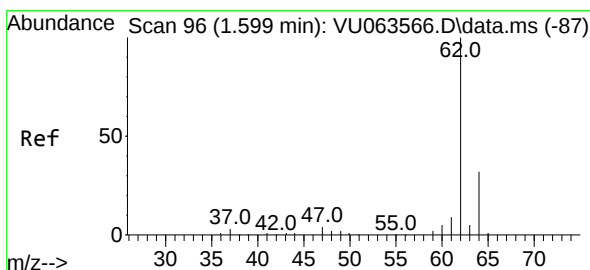
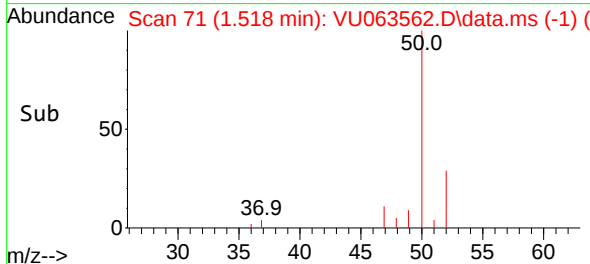
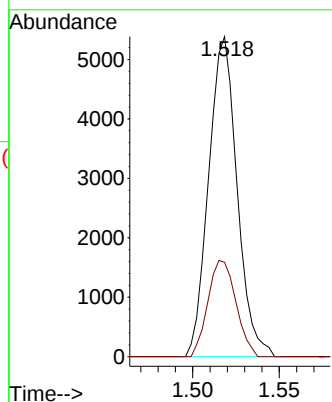
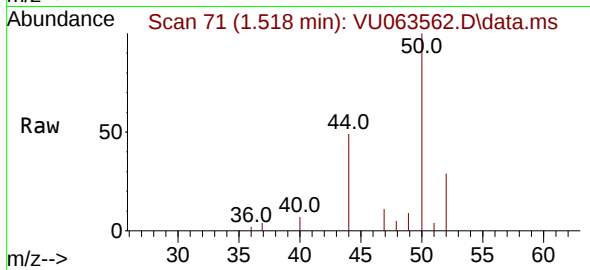




#3
Chloromethane
Concen: 0.730 ug/l
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU063562.D
Acq: 12 Sep 2025 09:13

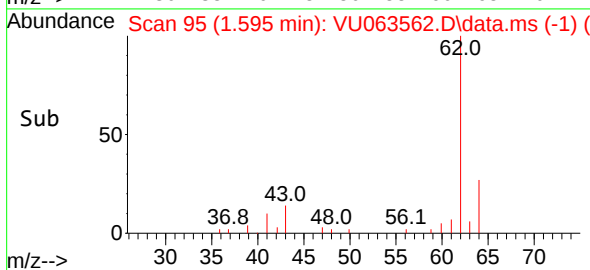
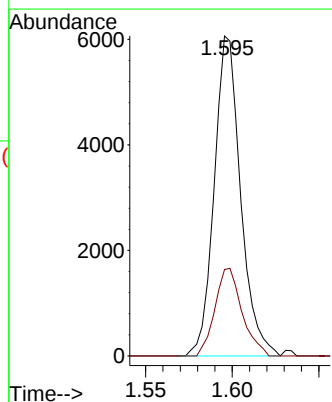
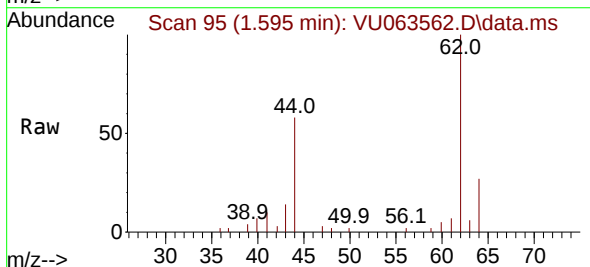
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

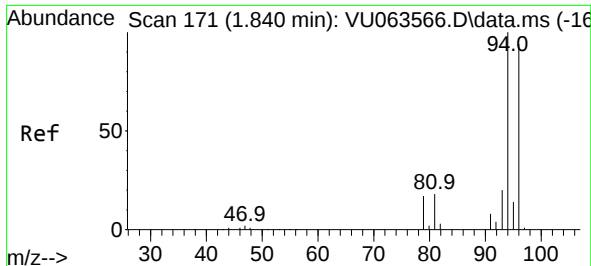
Tgt Ion: 50 Resp: 6153
Ion Ratio Lower Upper
50 100
52 29.5 25.6 38.4



#4
Vinyl Chloride
Concen: 0.607 ug/l
RT: 1.595 min Scan# 95
Delta R.T. -0.003 min
Lab File: VU063562.D
Acq: 12 Sep 2025 09:13

Tgt Ion: 62 Resp: 6428
Ion Ratio Lower Upper
62 100
64 27.0 25.5 38.3

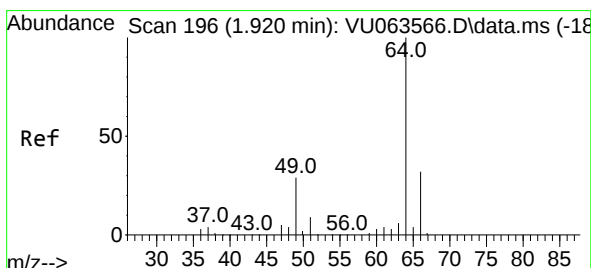
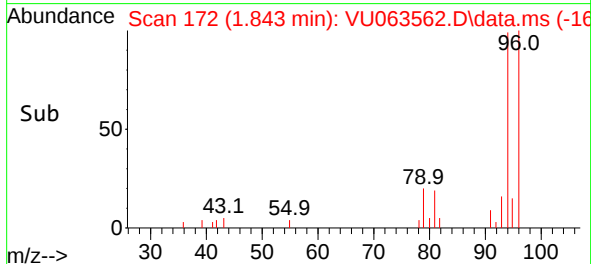
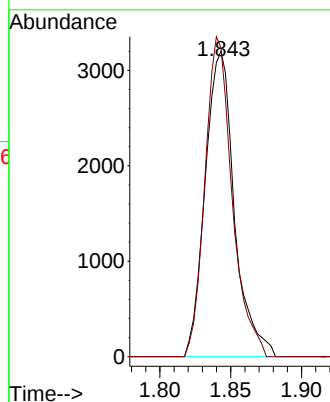
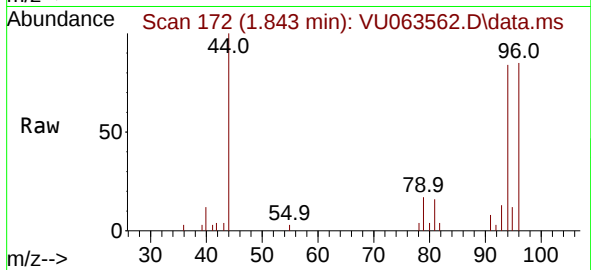




#5
Bromomethane
Concen: 0.634 ug/l
RT: 1.843 min Scan# 171
Delta R.T. 0.003 min
Lab File: VU063562.D
Acq: 12 Sep 2025 09:13

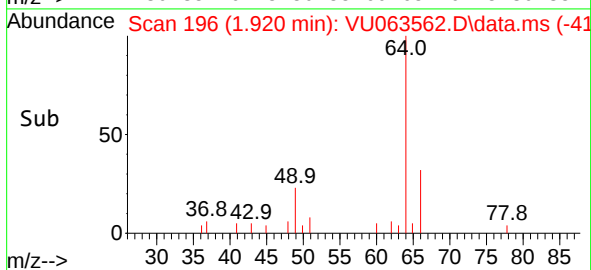
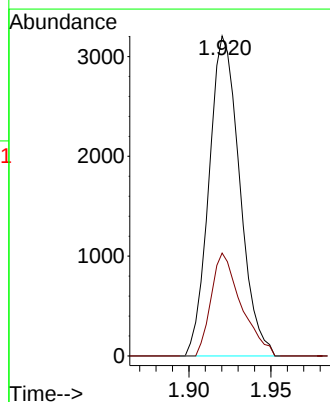
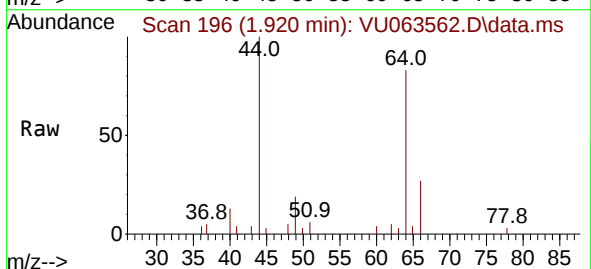
Instrument :
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VSTDIC0.5

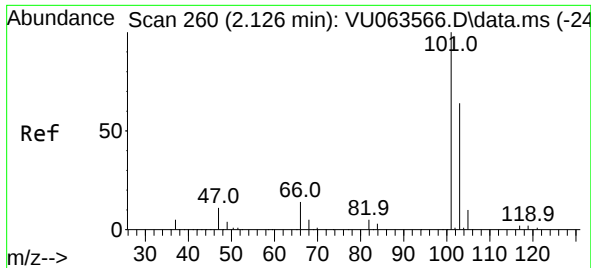
Tgt Ion: 94 Resp: 4587
Ion Ratio Lower Upper
94 100
96 101.1 75.1 112.7



#6
Chloroethane
Concen: 0.560 ug/l
RT: 1.920 min Scan# 196
Delta R.T. -0.000 min
Lab File: VU063562.D
Acq: 12 Sep 2025 09:13

Tgt Ion: 64 Resp: 4162
Ion Ratio Lower Upper
64 100
66 32.2 25.4 38.0

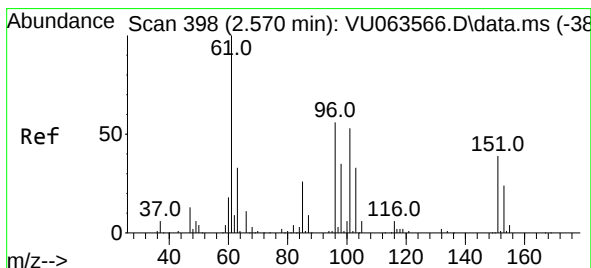
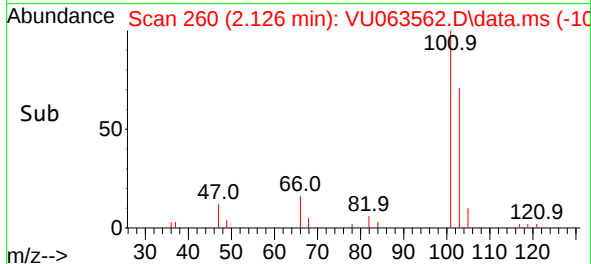
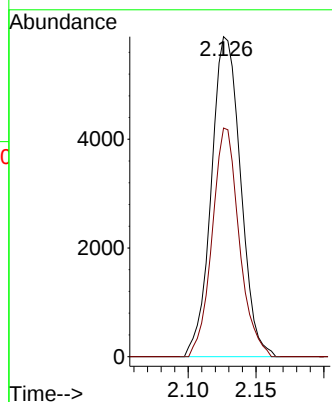
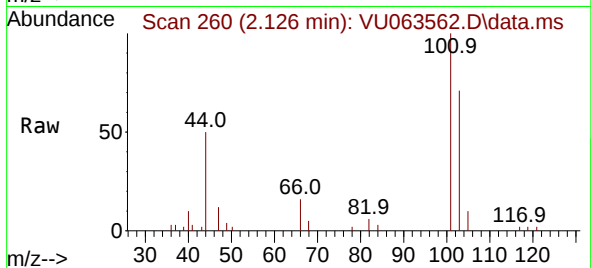




#7
Trichlorofluoromethane
Concen: 0.481 ug/l
RT: 2.126 min Scan# 210
Delta R.T. -0.000 min
Lab File: VU063562.D
Acq: 12 Sep 2025 09:13

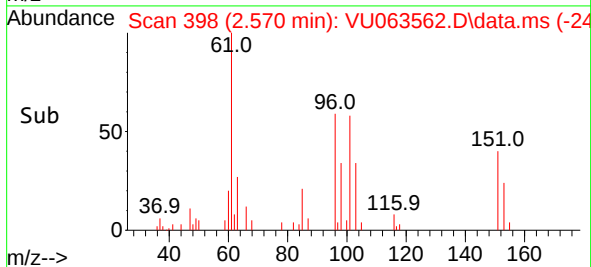
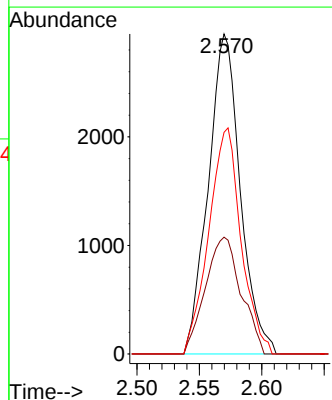
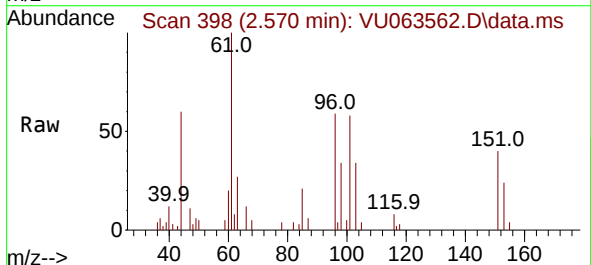
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ClientSampleId :
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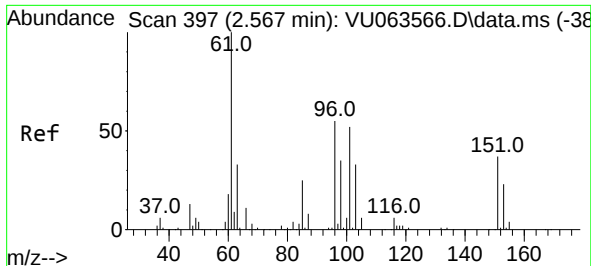
Tgt Ion:101 Resp: 8853
Ion Ratio Lower Upper
101 100
103 71.5 50.8 76.2



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.524 ug/l
RT: 2.570 min Scan# 398
Delta R.T. -0.000 min
Lab File: VU063562.D
Acq: 12 Sep 2025 09:13

Tgt Ion:101 Resp: 5266
Ion Ratio Lower Upper
101 100
85 40.7 38.7 58.1
151 71.3 58.2 87.2

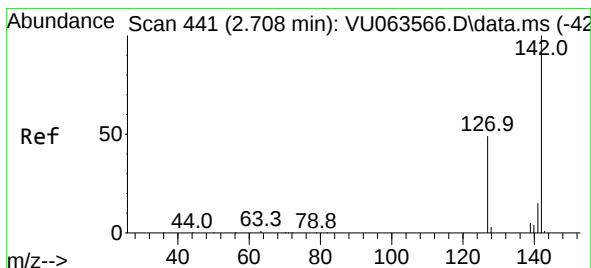
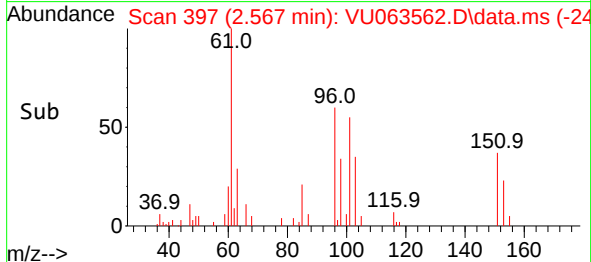
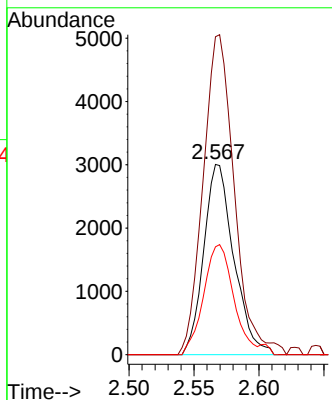
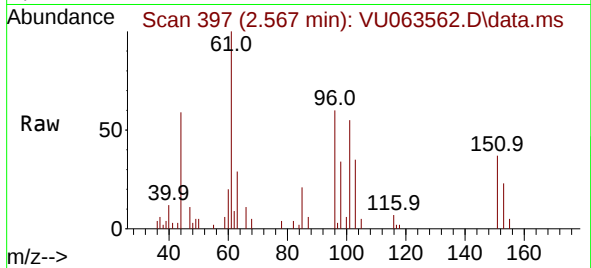




#9
1,1-Dichloroethene
Concen: 0.536 ug/l
RT: 2.567 min Scan# 397
Delta R.T. -0.000 min
Lab File: VU063562.D
Acq: 12 Sep 2025 09:13

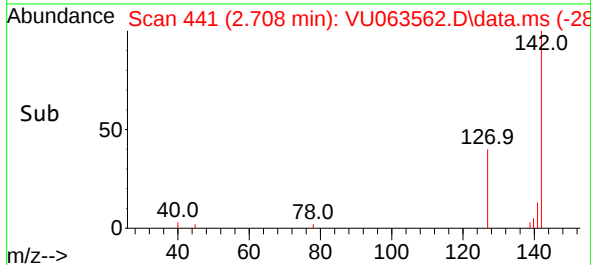
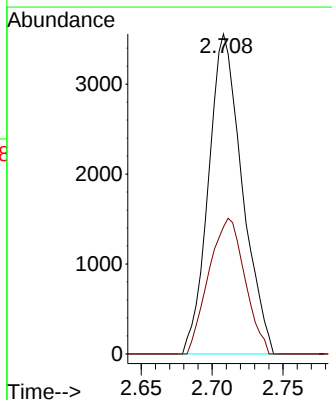
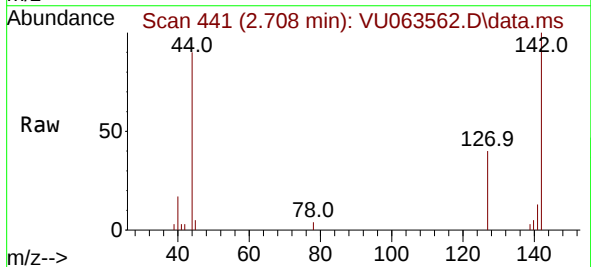
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MSVOA_U
ClientSampleId :
VSTDIC0.5

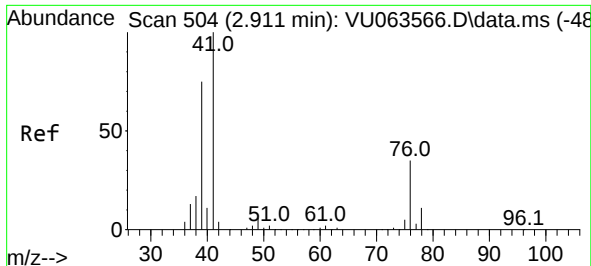
Tgt Ion: 96 Resp: 4840
Ion Ratio Lower Upper
96 100
61 167.0 0.0 543.9
98 56.7 0.0 125.8



#10
Iodomethane
Concen: 0.414 ug/l
RT: 2.708 min Scan# 441
Delta R.T. -0.000 min
Lab File: VU063562.D
Acq: 12 Sep 2025 09:13

Tgt Ion: 142 Resp: 5885
Ion Ratio Lower Upper
142 100
127 45.3 38.6 58.0





#11

Allyl Chloride

Concen: 0.630 ug/l

RT: 2.911 min Scan# 504

Delta R.T. -0.000 min

Lab File: VU063562.D

Acq: 12 Sep 2025 09:13

Instrument :

MSVOA_U

ClientSampleId :

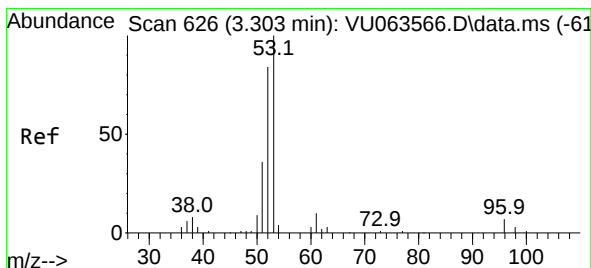
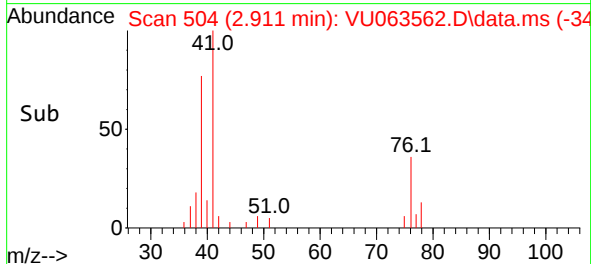
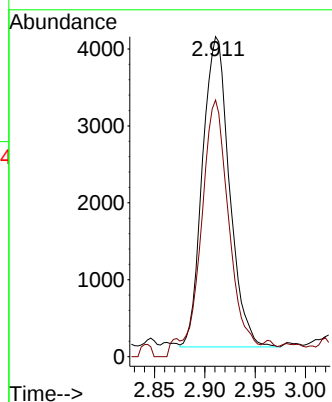
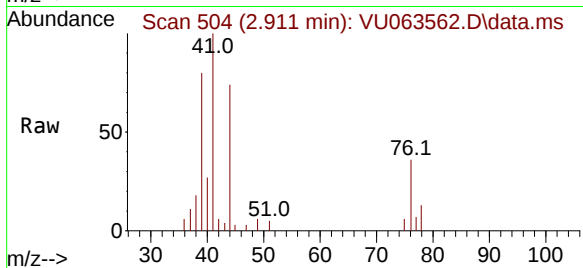
VSTDIC0.5

Tgt Ion: 41 Resp: 7510

Ion Ratio Lower Upper

41 100

39 76.1 61.2 91.8



#12

Acrylonitrile

Concen: 1.261 ug/l

RT: 3.306 min Scan# 627

Delta R.T. 0.003 min

Lab File: VU063562.D

Acq: 12 Sep 2025 09:13

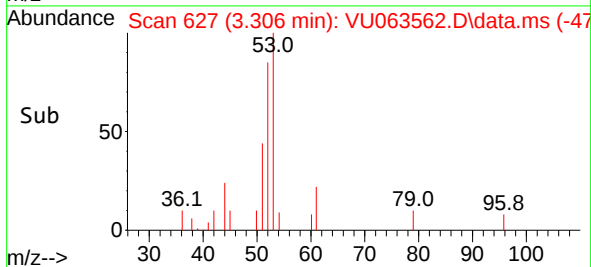
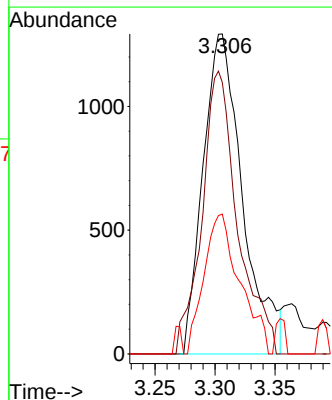
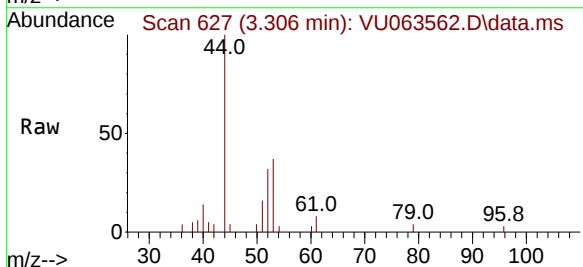
Tgt Ion: 53 Resp: 2964

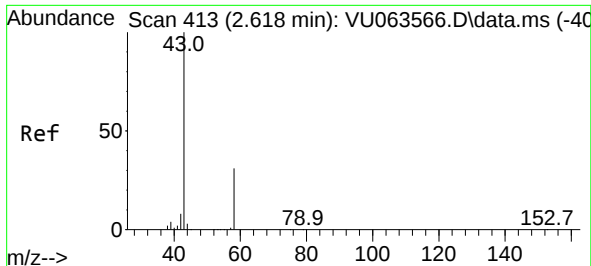
Ion Ratio Lower Upper

53 100

52 79.8 65.0 97.4

51 39.8 31.2 46.8

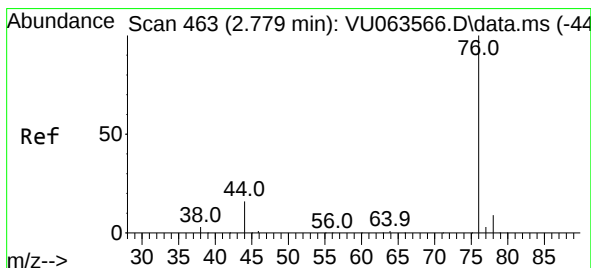
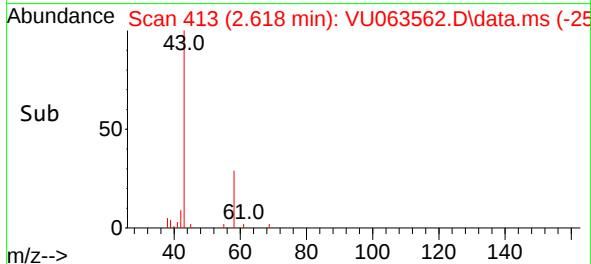
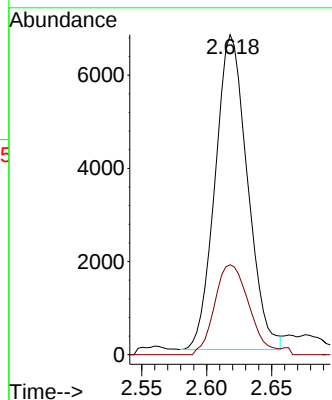
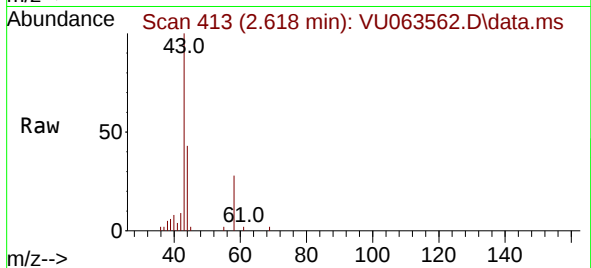




#13
Acetone
Concen: 3.185 ug/l
RT: 2.618 min Scan# 413
Delta R.T. -0.000 min
Lab File: VU063562.D
Acq: 12 Sep 2025 09:13

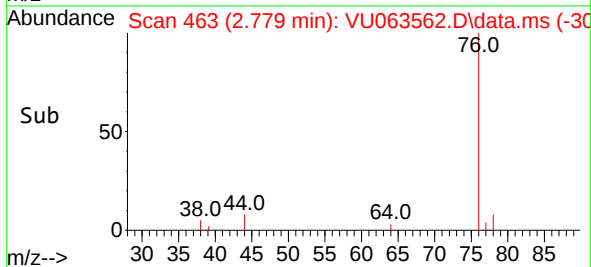
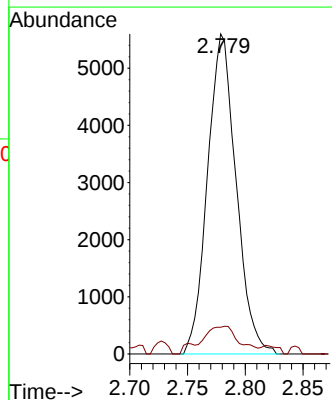
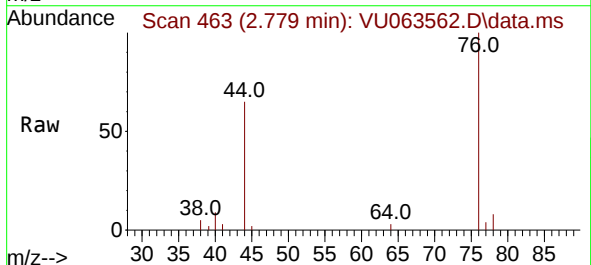
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

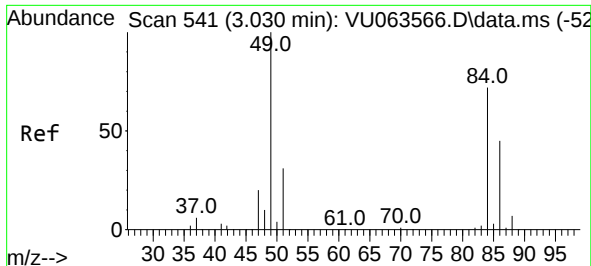
Tgt Ion: 43 Resp: 11687
Ion Ratio Lower Upper
43 100
58 26.8 24.7 37.1



#14
Carbon Disulfide
Concen: 0.496 ug/l
RT: 2.779 min Scan# 463
Delta R.T. -0.000 min
Lab File: VU063562.D
Acq: 12 Sep 2025 09:13

Tgt Ion: 76 Resp: 9651
Ion Ratio Lower Upper
76 100
78 8.4 7.3 10.9

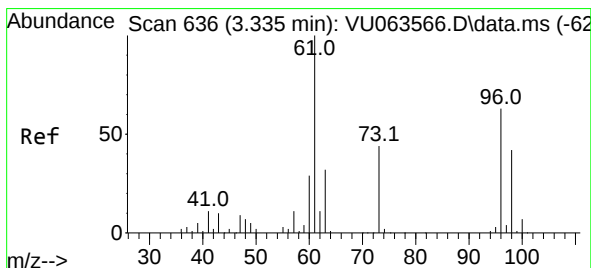
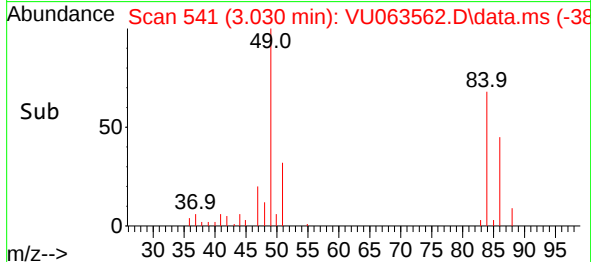
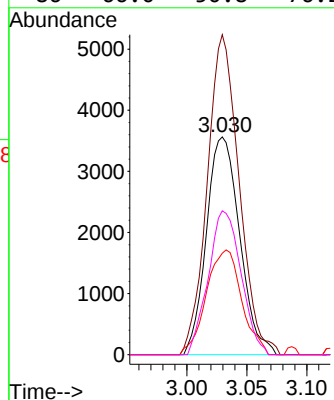
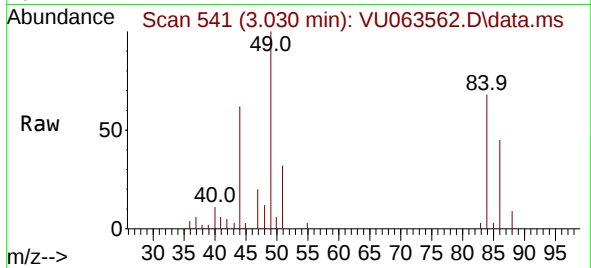




#15
Methylene Chloride
Concen: 0.569 ug/l
RT: 3.030 min Scan# 541
Delta R.T. -0.000 min
Lab File: VU063562.D
Acq: 12 Sep 2025 09:13

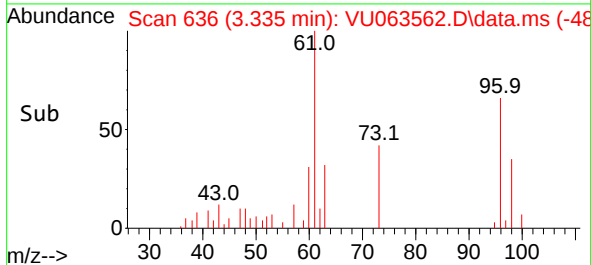
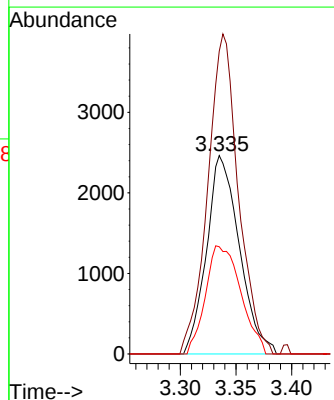
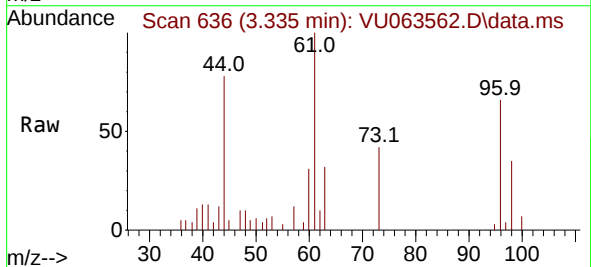
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

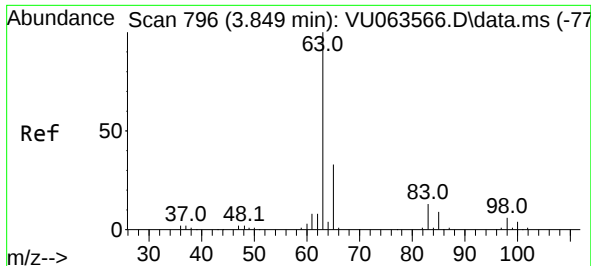
Tgt Ion:	84	Resp:	6886
Ion	Ratio	Lower	Upper
84	100		
49	146.9	111.8	167.6
51	46.6	0.0	86.0
86	66.0	50.8	76.2



#16
trans-1,2-Dichloroethene
Concen: 0.511 ug/l
RT: 3.335 min Scan# 636
Delta R.T. -0.000 min
Lab File: VU063562.D
Acq: 12 Sep 2025 09:13

Tgt Ion:	96	Resp:	5050
Ion	Ratio	Lower	Upper
96	100		
61	152.6	127.8	191.6
98	54.0	53.8	80.8

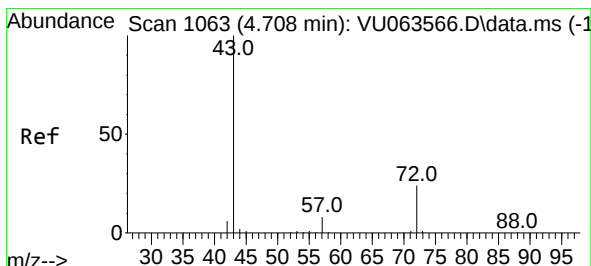
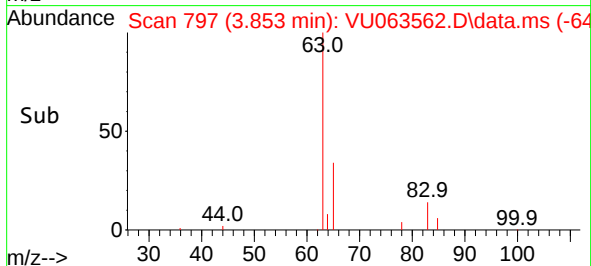
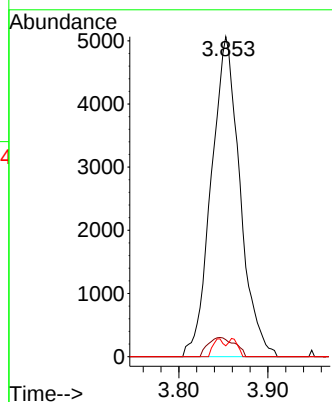
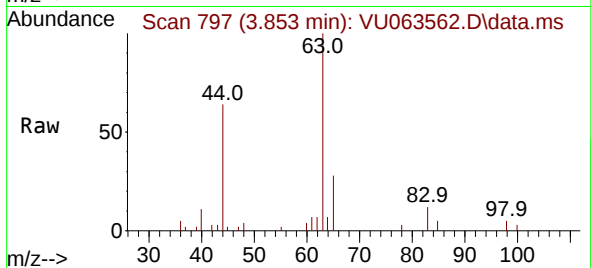




#17
 1,1-Dichloroethane
 Concen: 0.558 ug/l
 RT: 3.853 min Scan# 796
 Delta R.T. 0.003 min
 Lab File: VU063562.D
 Acq: 12 Sep 2025 09:13

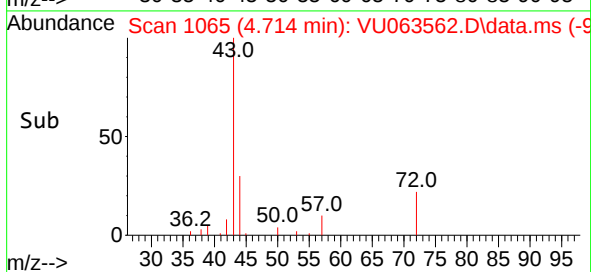
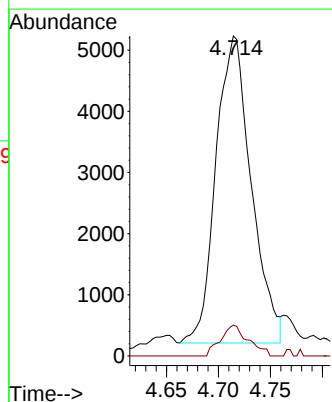
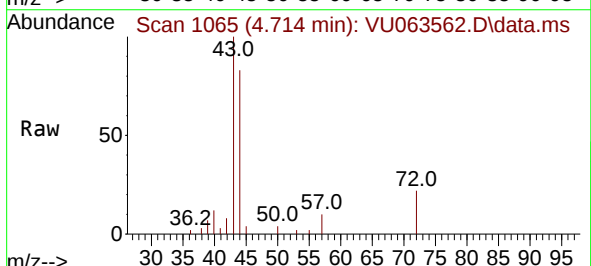
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

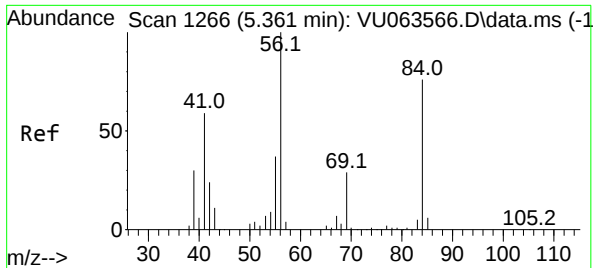
Tgt Ion:	63	Resp:	11322
Ion	Ratio	Lower	Upper
63	100		
98	5.3	2.9	8.8
100	3.4	2.0	5.8



#18
 2-Butanone
 Concen: 2.966 ug/l
 RT: 4.714 min Scan# 1065
 Delta R.T. 0.006 min
 Lab File: VU063562.D
 Acq: 12 Sep 2025 09:13

Tgt Ion:	43	Resp:	11878
Ion	Ratio	Lower	Upper
43	100		
57	10.0	0.0	15.8





#19

Cyclohexane

Concen: 0.524 ug/l

RT: 5.364 min Scan# 1266

Delta R.T. 0.003 min

Lab File: VU063562.D

Acq: 12 Sep 2025 09:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

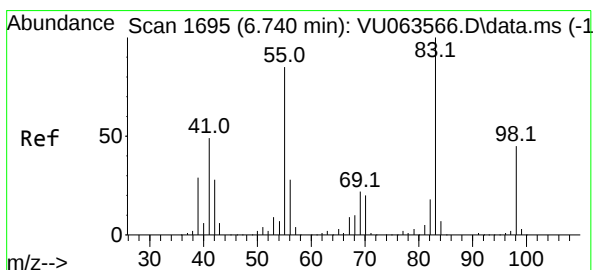
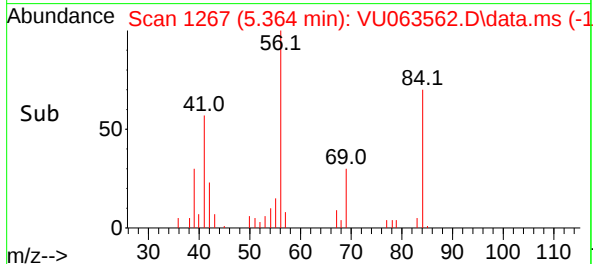
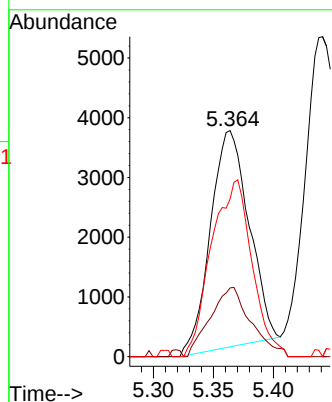
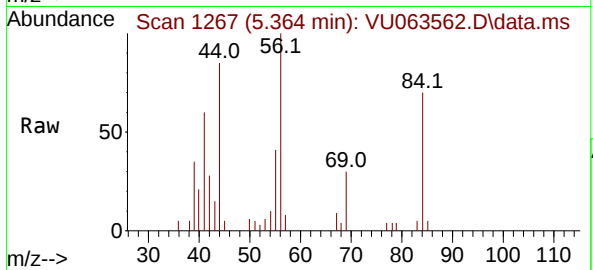
Tgt Ion: 56 Resp: 8106

Ion Ratio Lower Upper

56 100

69 33.8 22.7 34.1

84 85.7 59.4 89.0



#20

Methylcyclohexane

Concen: 0.644 ug/l

RT: 6.743 min Scan# 1696

Delta R.T. 0.003 min

Lab File: VU063562.D

Acq: 12 Sep 2025 09:13

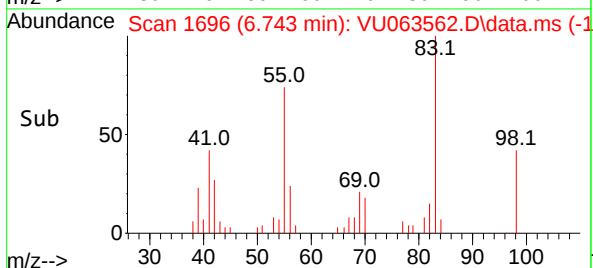
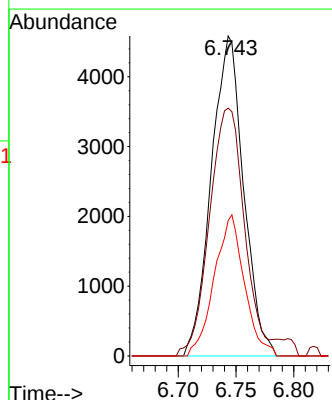
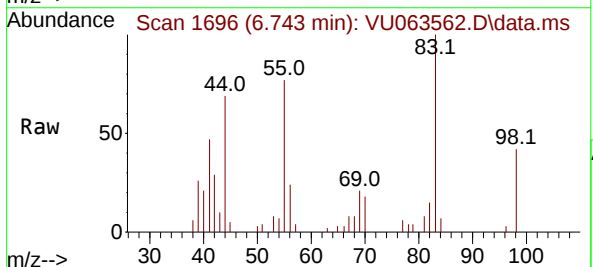
Tgt Ion: 83 Resp: 8925

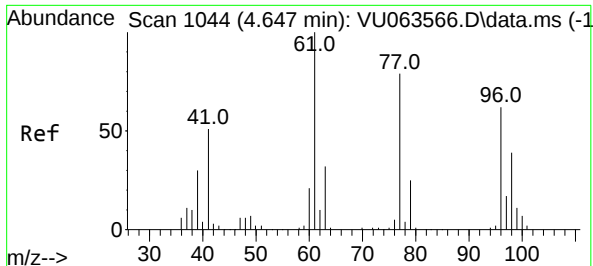
Ion Ratio Lower Upper

83 100

55 77.1 66.7 100.1

98 41.0 35.9 53.9

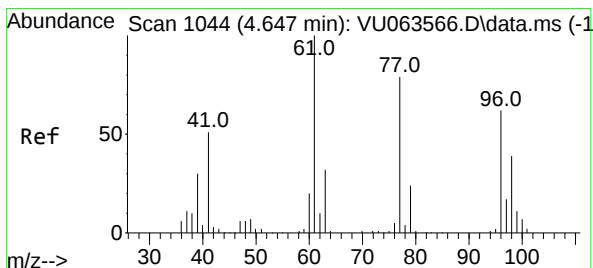
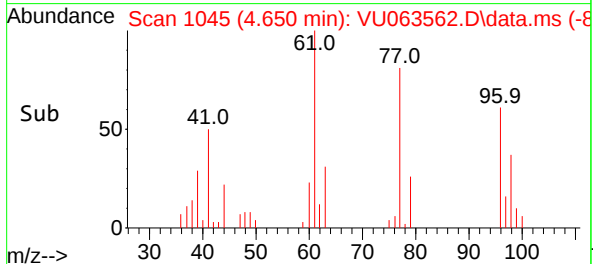
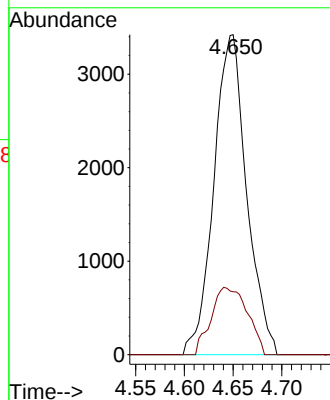
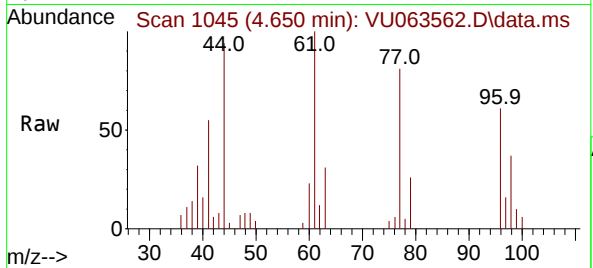




#21
2,2-Dichloropropane
Concen: 0.495 ug/l
RT: 4.650 min Scan# 1045
Delta R.T. 0.003 min
Lab File: VU063562.D
Acq: 12 Sep 2025 09:13

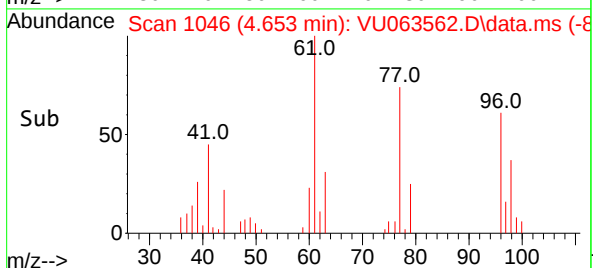
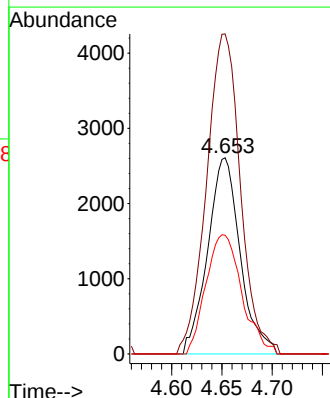
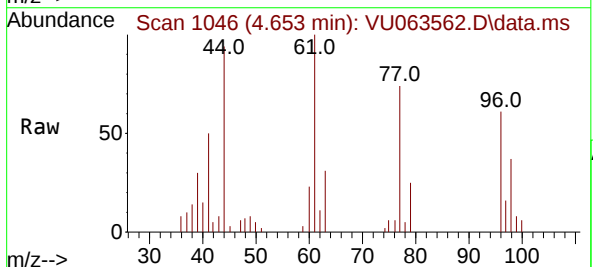
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

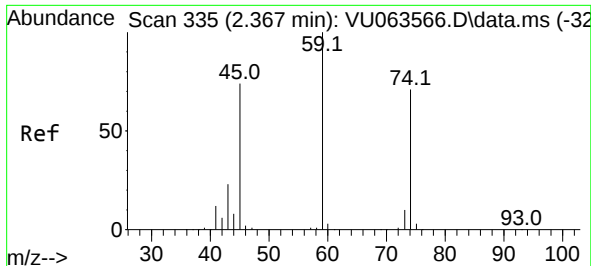
Tgt Ion: 77 Resp: 8011
Ion Ratio Lower Upper
77 100
97 23.2 17.5 26.3



#22
cis-1,2-Dichloroethene
Concen: 0.490 ug/l
RT: 4.653 min Scan# 1046
Delta R.T. 0.006 min
Lab File: VU063562.D
Acq: 12 Sep 2025 09:13

Tgt Ion: 96 Resp: 5871
Ion Ratio Lower Upper
96 100
61 169.6 0.0 411.0
98 67.0 31.9 95.9

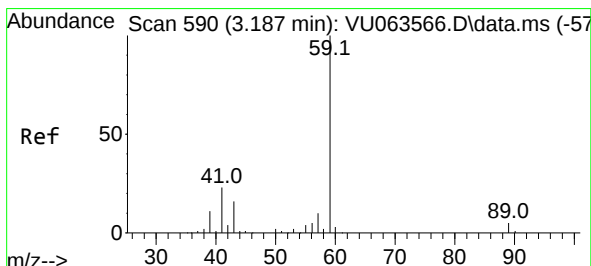
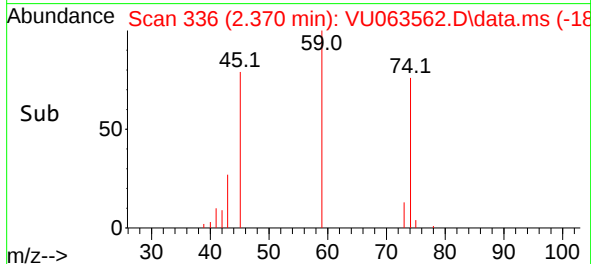
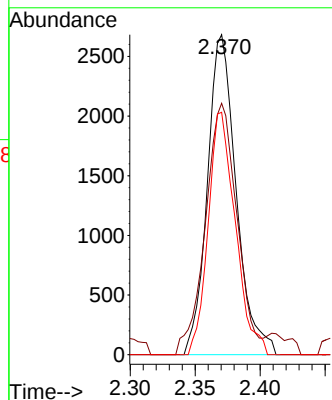
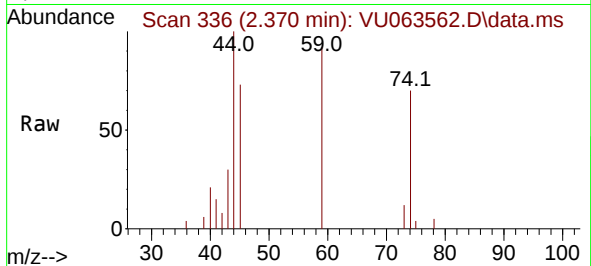




#23
Diethyl Ether
Concen: 0.575 ug/l
RT: 2.370 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU063562.D
Acq: 12 Sep 2025 09:13

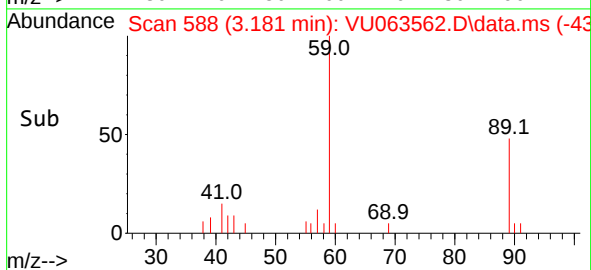
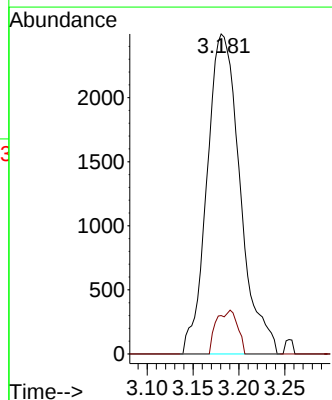
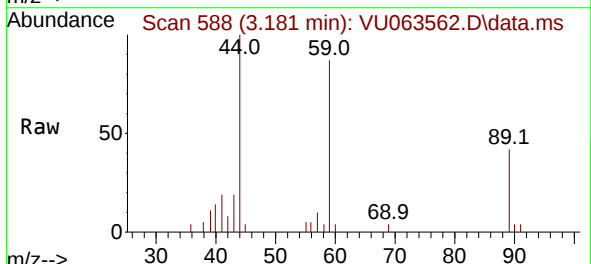
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

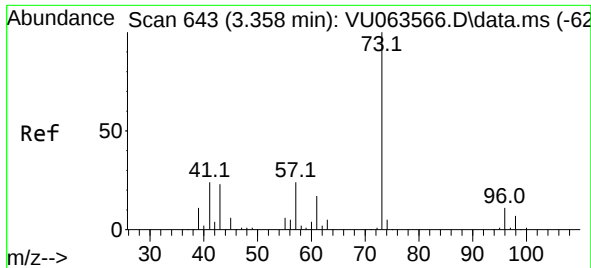
Tgt Ion:	59	Resp:	4139
Ion	Ratio	Lower	Upper
59	100		
45	86.4	59.0	88.6
74	71.5	57.8	86.6



#24
tert-Butyl Alcohol
Concen: 6.664 ug/l
RT: 3.181 min Scan# 588
Delta R.T. -0.006 min
Lab File: VU063562.D
Acq: 12 Sep 2025 09:13

Tgt Ion:	59	Resp:	6265
Ion	Ratio	Lower	Upper
59	100		
57	8.7	8.6	12.8

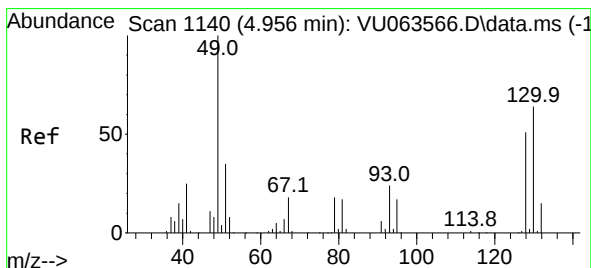
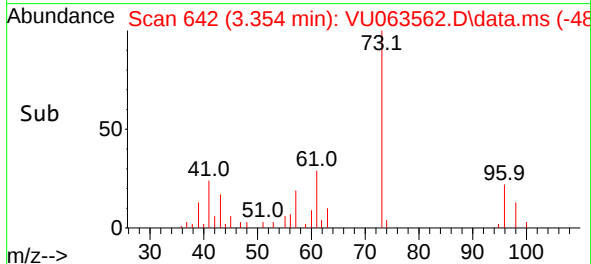
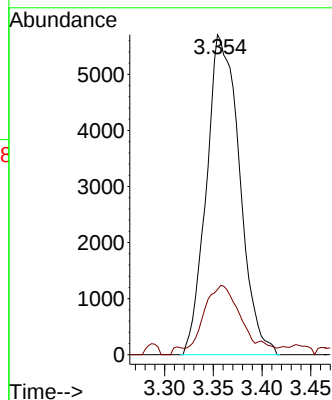
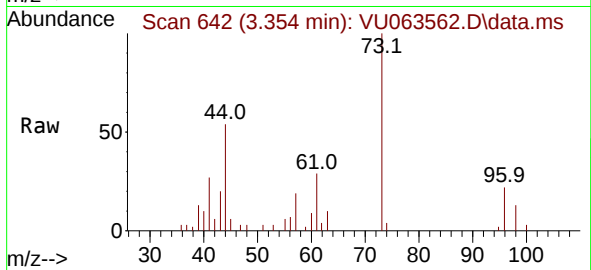




#25
Methyl tert-Butyl Ether
Concen: 0.531 ug/l
RT: 3.354 min Scan# 643
Delta R.T. -0.003 min
Lab File: VU063562.D
Acq: 12 Sep 2025 09:13

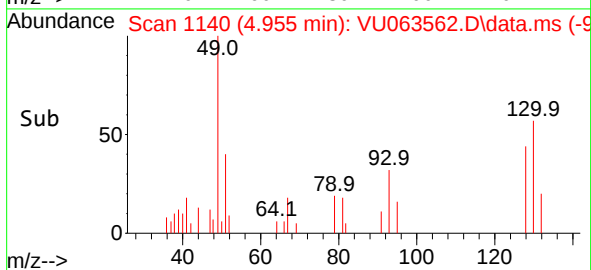
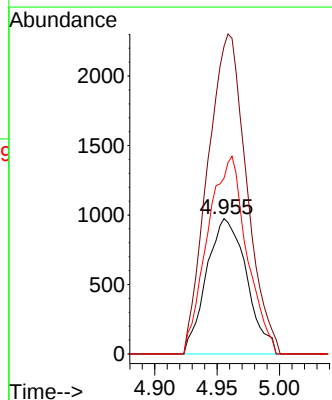
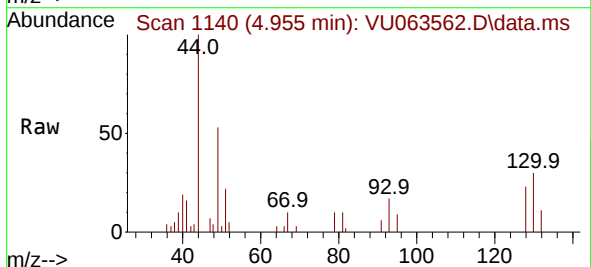
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

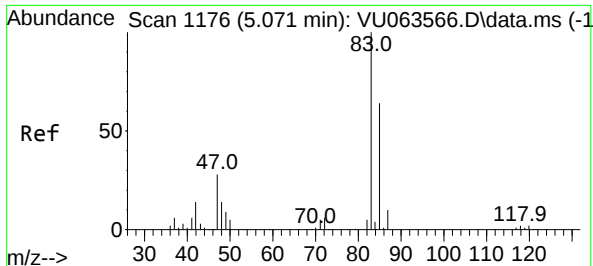
Tgt Ion: 73 Resp: 13490
Ion Ratio Lower Upper
73 100
43 19.3 18.1 27.1



#26
Bromochloromethane
Concen: 0.431 ug/l
RT: 4.955 min Scan# 1140
Delta R.T. -0.000 min
Lab File: VU063562.D
Acq: 12 Sep 2025 09:13

Tgt Ion: 128 Resp: 2182
Ion Ratio Lower Upper
128 100
49 229.2 0.0 410.2
130 142.6 103.4 155.0





#27

Chloroform

Concen: 0.523 ug/l

RT: 5.074 min Scan# 1177

Delta R.T. 0.003 min

Lab File: VU063562.D

Acq: 12 Sep 2025 09:13

Instrument :

MSVOA_U

ClientSampleId :

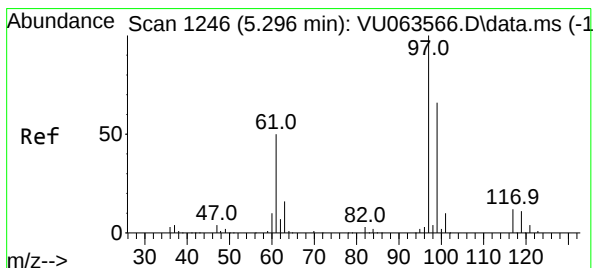
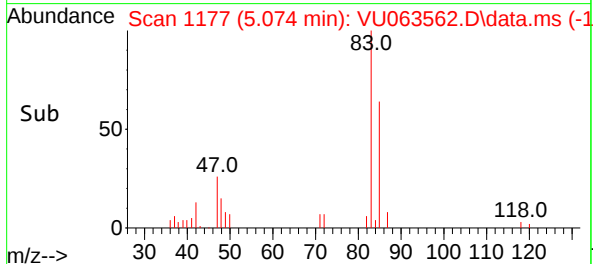
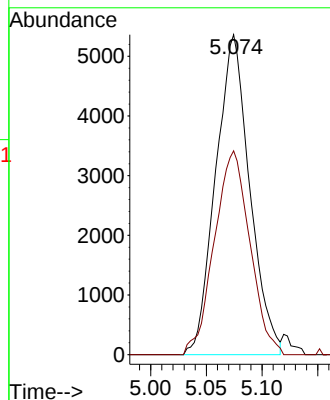
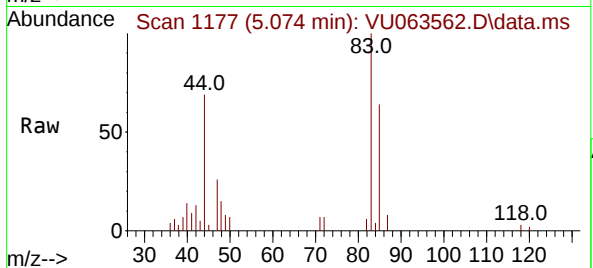
VSTDICC0.5

Tgt Ion: 83 Resp: 11389

Ion Ratio Lower Upper

83 100

85 63.7 0.0 128.6



#28

1,1,1-Trichloroethane

Concen: 0.498 ug/l

RT: 5.296 min Scan# 1246

Delta R.T. -0.000 min

Lab File: VU063562.D

Acq: 12 Sep 2025 09:13

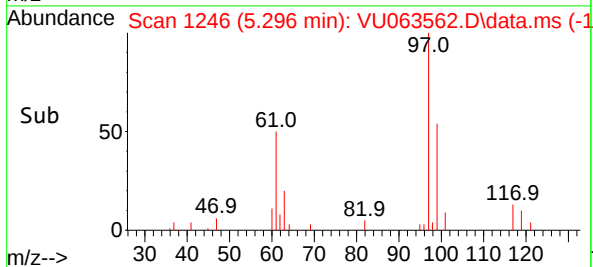
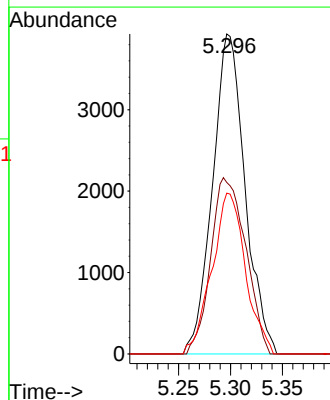
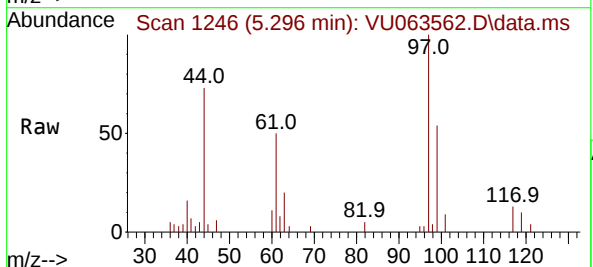
Tgt Ion: 97 Resp: 8539

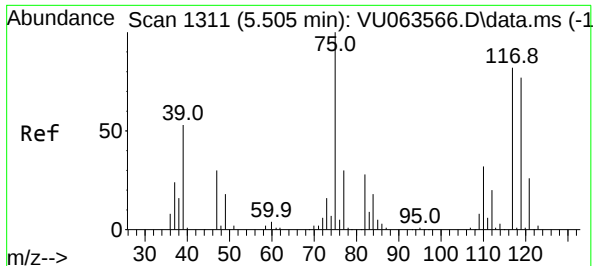
Ion Ratio Lower Upper

97 100

99 59.4 32.4 97.0

61 52.0 25.1 75.4





#29

1,1-Dichloropropene

Concen: 0.555 ug/l

RT: 5.509 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU063562.D

Acq: 12 Sep 2025 09:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

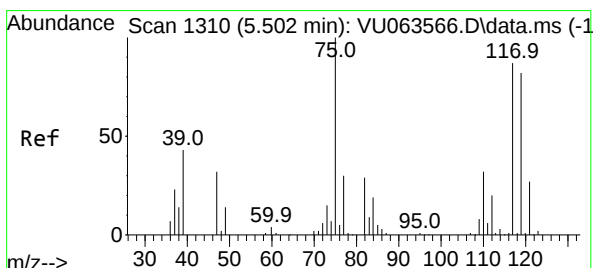
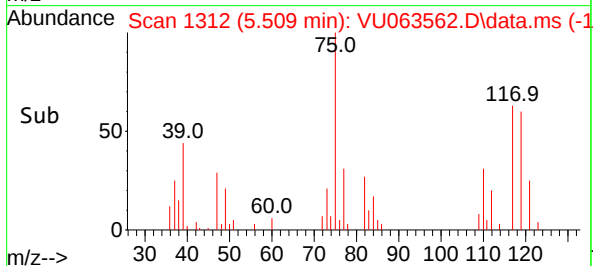
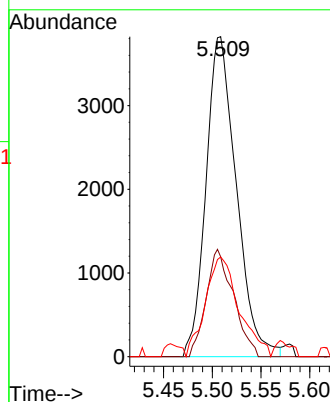
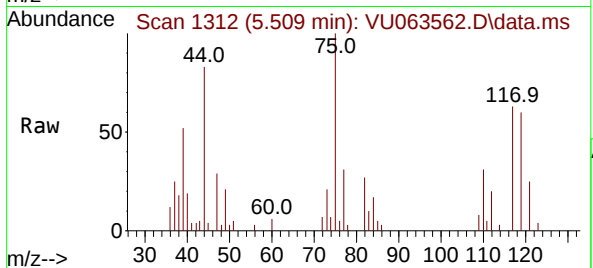
Tgt Ion: 75 Resp: 8277

Ion Ratio Lower Upper

75 100

110 30.2 16.4 49.4

77 34.5 24.6 37.0



#30

Carbon Tetrachloride

Concen: 0.439 ug/l

RT: 5.502 min Scan# 1310

Delta R.T. -0.000 min

Lab File: VU063562.D

Acq: 12 Sep 2025 09:13

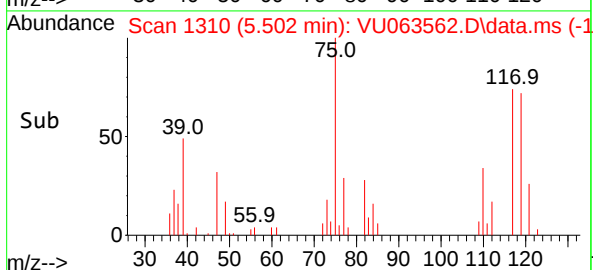
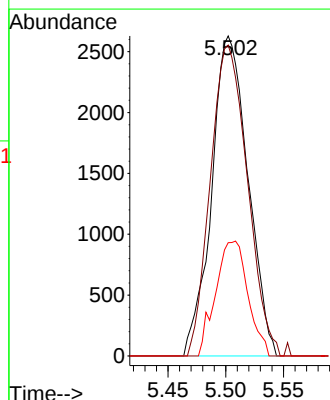
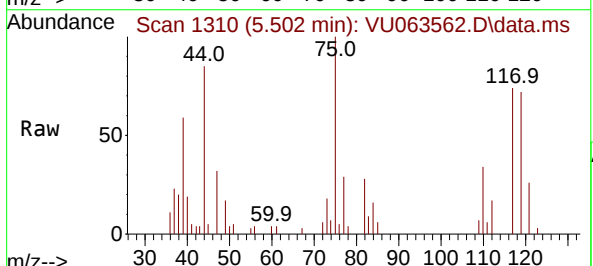
Tgt Ion: 117 Resp: 5748

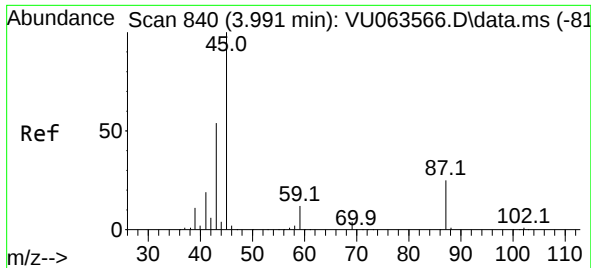
Ion Ratio Lower Upper

117 100

119 97.1 75.7 113.5

121 35.4 25.4 38.0

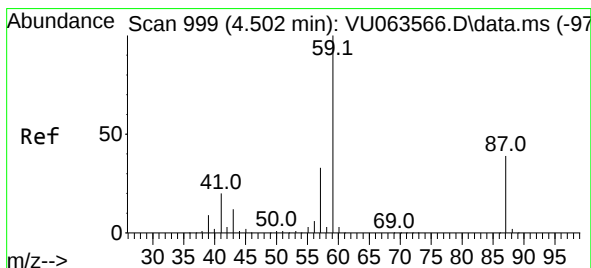
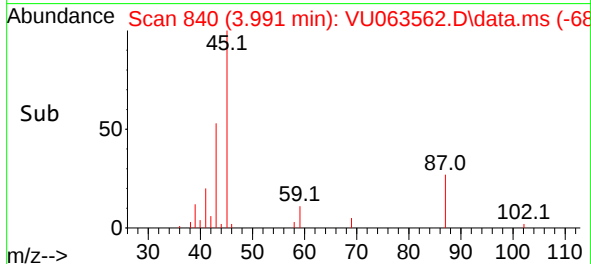
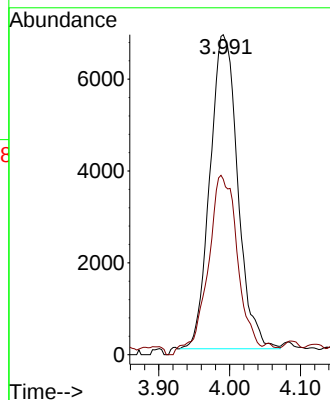
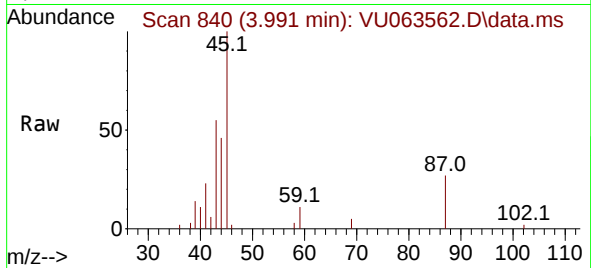




#31
Isopropyl Ether
Concen: 0.619 ug/l
RT: 3.991 min Scan# 840
Delta R.T. -0.000 min
Lab File: VU063562.D
Acq: 12 Sep 2025 09:13

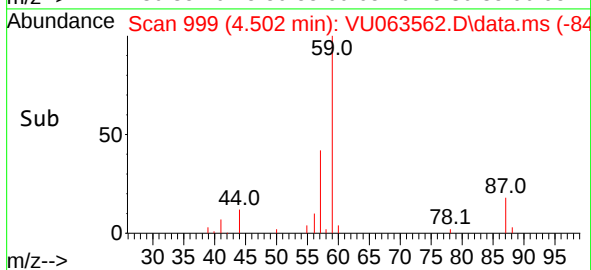
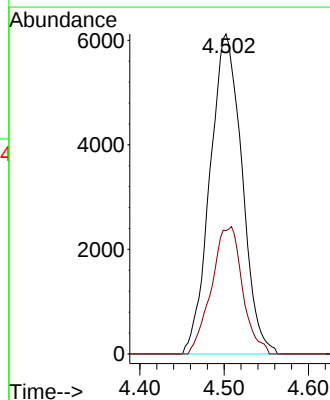
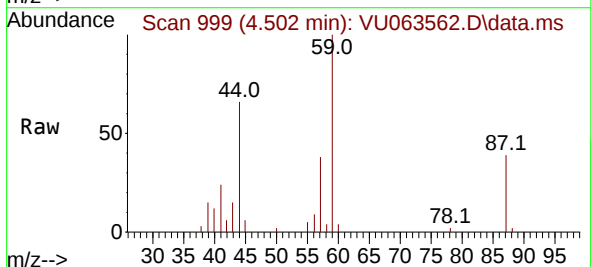
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

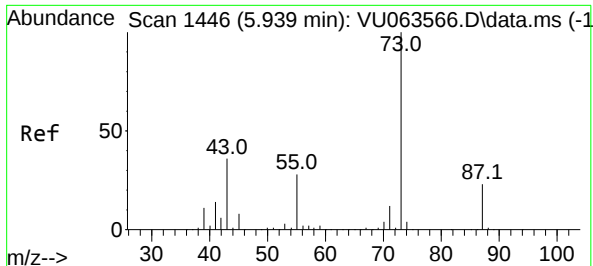
Tgt Ion: 45 Resp: 18660
Ion Ratio Lower Upper
45 100
43 61.1 26.2 78.6



#32
Ethyl-t-butyl ether
Concen: 0.571 ug/l
RT: 4.502 min Scan# 999
Delta R.T. -0.000 min
Lab File: VU063562.D
Acq: 12 Sep 2025 09:13

Tgt Ion: 59 Resp: 16131
Ion Ratio Lower Upper
59 100
87 38.4 31.2 46.8

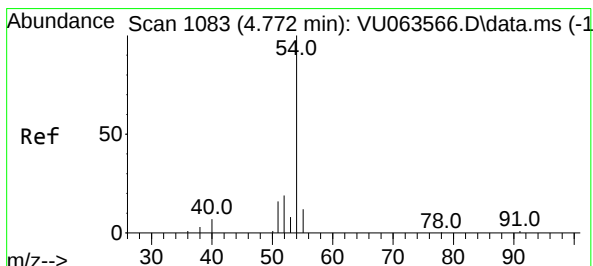
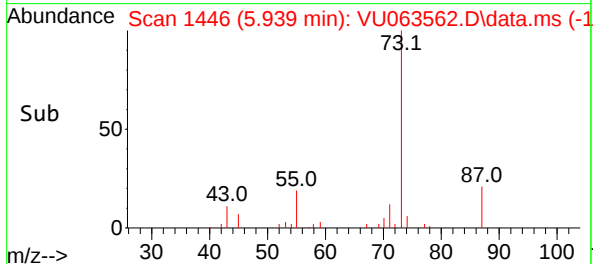
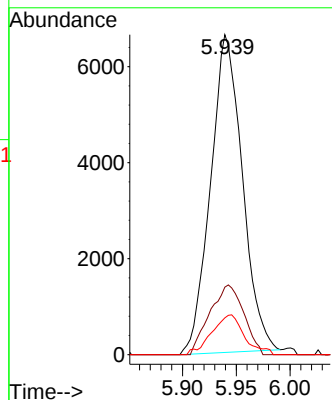
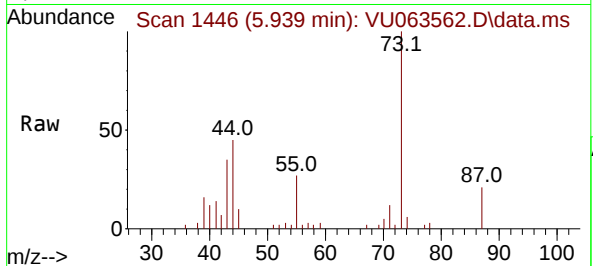




#33
Tert-Amyl methyl ether
Concen: 0.534 ug/l
RT: 5.939 min Scan# 1446
Delta R.T. -0.000 min
Lab File: VU063562.D
Acq: 12 Sep 2025 09:13

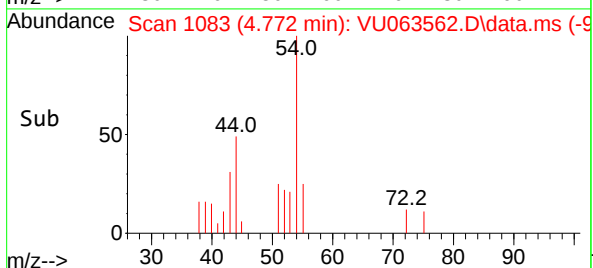
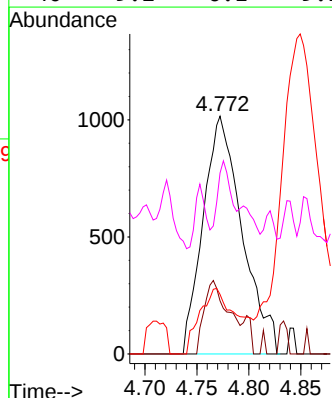
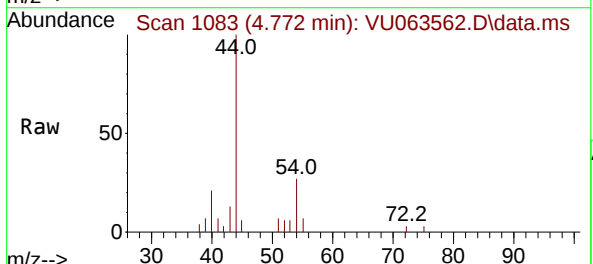
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

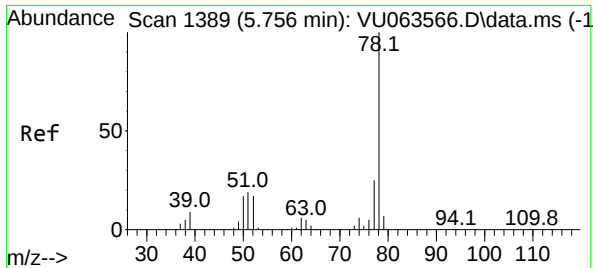
Tgt Ion:	73	Resp:	13626
Ion	Ratio	Lower	Upper
73	100		
87	23.4	19.0	28.6
71	12.8	9.4	14.2



#34
Propionitrile
Concen: 2.885 ug/l
RT: 4.772 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VU063562.D
Acq: 12 Sep 2025 09:13

Tgt Ion:	54	Resp:	2656
Ion	Ratio	Lower	Upper
54	100		
52	19.1	15.2	22.8
55	26.9	11.7	17.5#
40	9.2	6.1	9.1#

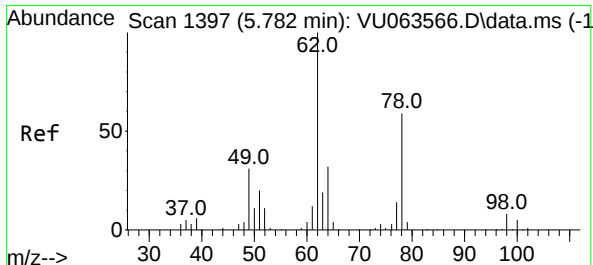
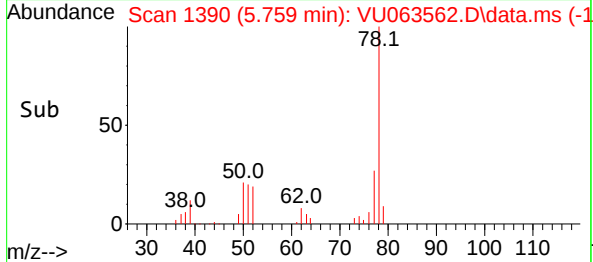
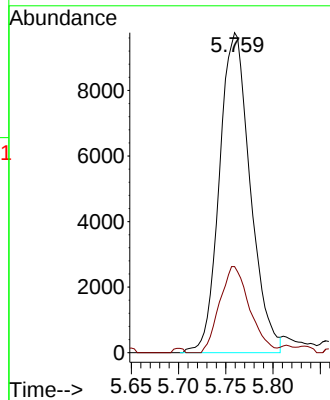
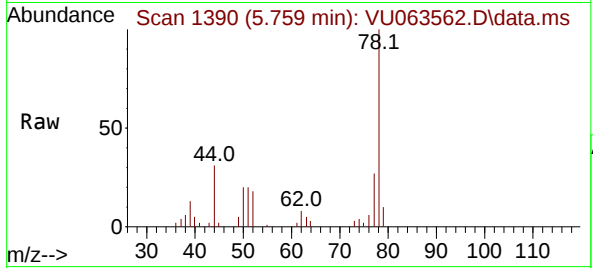




#35
Benzene
Concen: 0.504 ug/l
RT: 5.759 min Scan# 1389
Delta R.T. 0.003 min
Lab File: VU063562.D
Acq: 12 Sep 2025 09:13

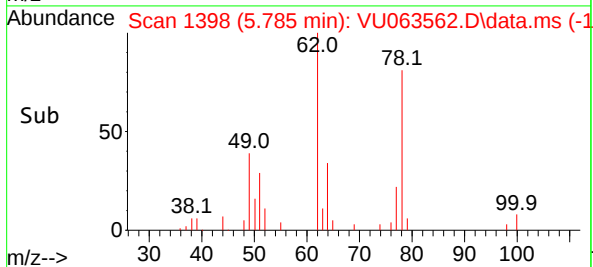
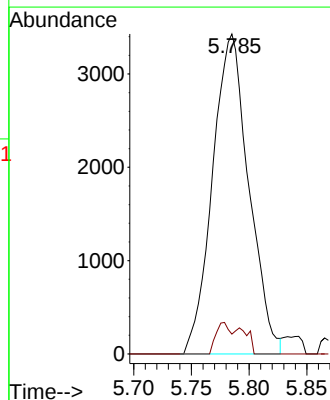
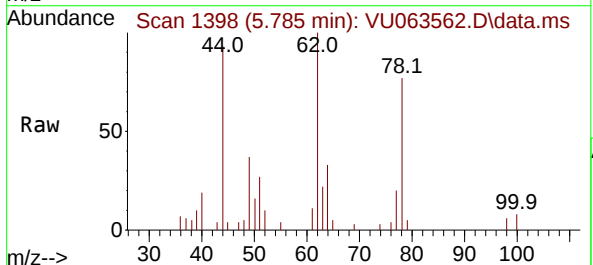
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

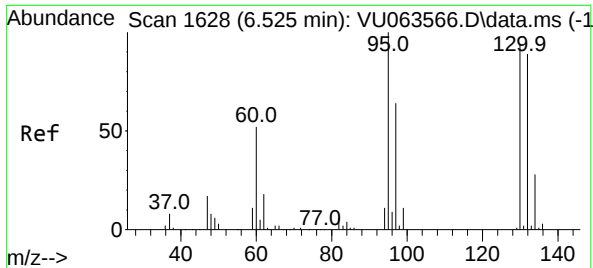
Tgt Ion: 78 Resp: 22127
Ion Ratio Lower Upper
78 100
77 25.5 19.8 29.8



#36
1,2-Dichloroethane
Concen: 0.528 ug/l
RT: 5.785 min Scan# 1398
Delta R.T. 0.003 min
Lab File: VU063562.D
Acq: 12 Sep 2025 09:13

Tgt Ion: 62 Resp: 7507
Ion Ratio Lower Upper
62 100
98 3.9 6.3 9.5#





#37

Trichloroethene

Concen: 0.555 ug/l

RT: 6.528 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU063562.D

Acq: 12 Sep 2025 09:13

Instrument :

MSVOA_U

ClientSampleId :

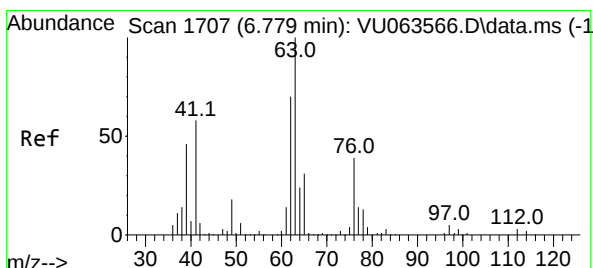
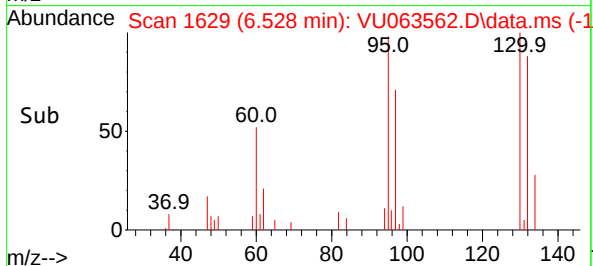
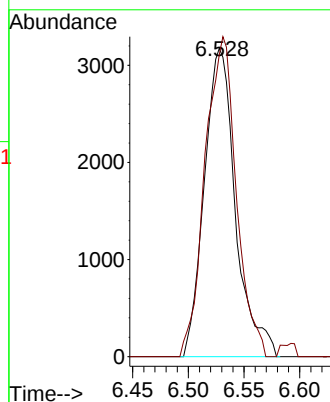
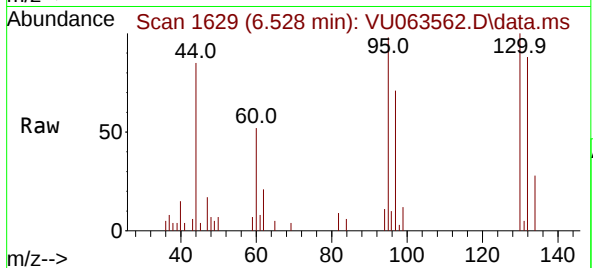
VSTDIC0.5

Tgt Ion:130 Resp: 6167

Ion Ratio Lower Upper

130 100

95 97.9 85.4 128.2



#38

1,2-Dichloropropane

Concen: 0.627 ug/l

RT: 6.779 min Scan# 1707

Delta R.T. -0.000 min

Lab File: VU063562.D

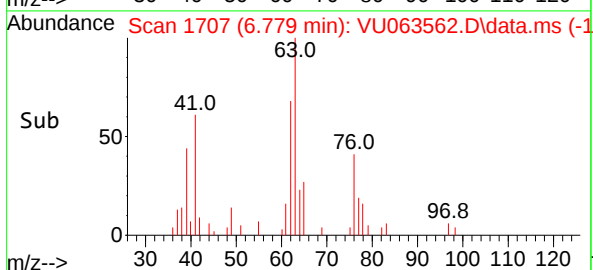
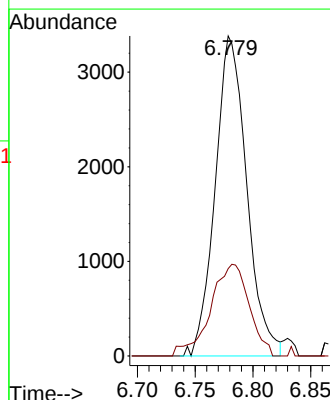
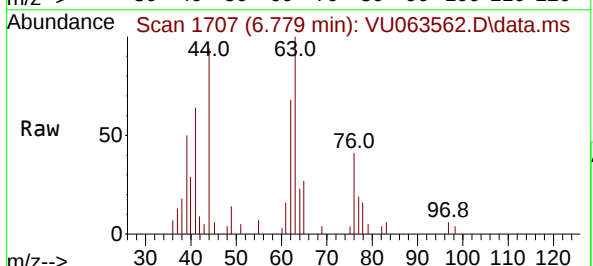
Acq: 12 Sep 2025 09:13

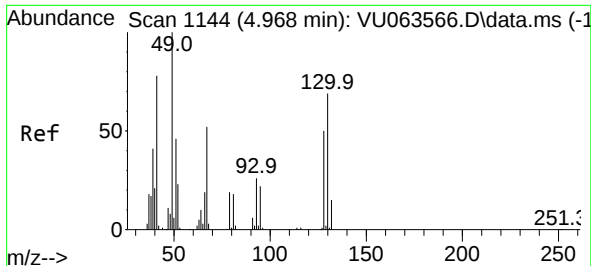
Tgt Ion: 63 Resp: 6424

Ion Ratio Lower Upper

63 100

65 27.3 24.9 37.3





#39

Methacrylonitrile

Concen: 0.656 ug/l

RT: 4.972 min Scan# 1145

Delta R.T. 0.003 min

Lab File: VU063562.D

Acq: 12 Sep 2025 09:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

Tgt Ion: 41 Resp: 2567

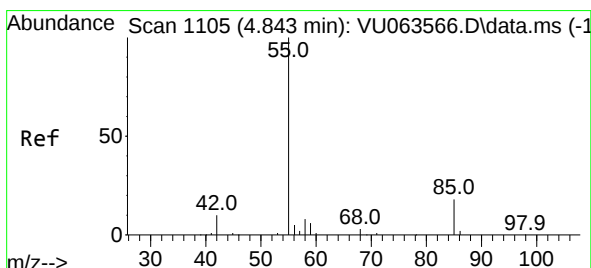
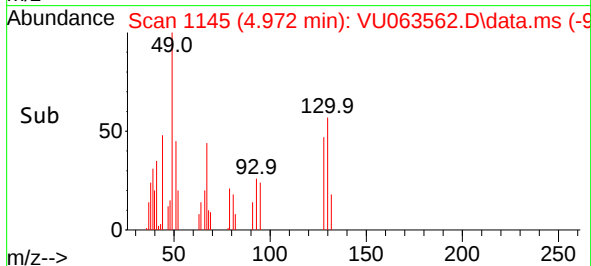
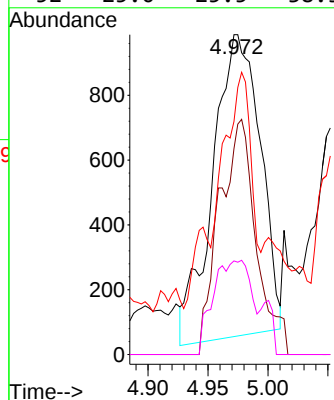
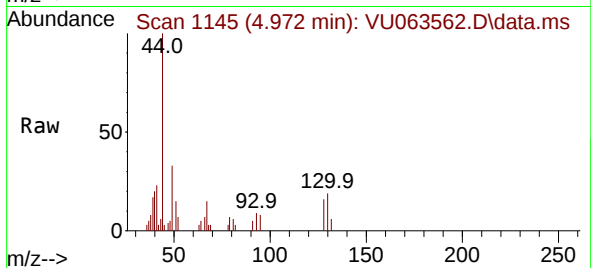
Ion Ratio Lower Upper

41 100

67 60.4 57.7 86.5

39 35.3 44.6 67.0#

52 25.0 25.5 38.3#



#40

Methyl acrylate

Concen: 0.546 ug/l

RT: 4.849 min Scan# 1107

Delta R.T. 0.006 min

Lab File: VU063562.D

Acq: 12 Sep 2025 09:13

Tgt Ion: 55 Resp: 3267

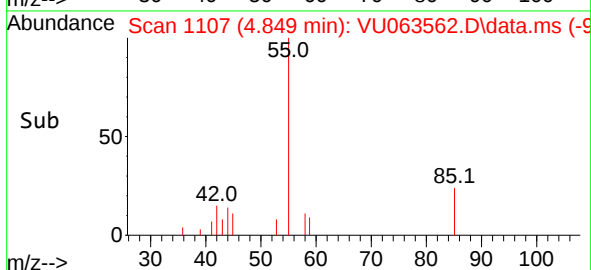
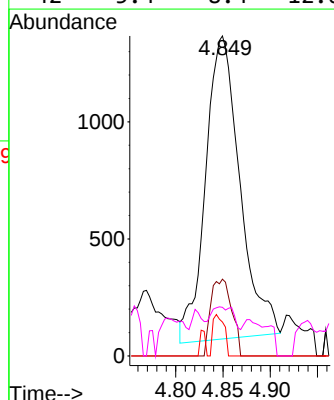
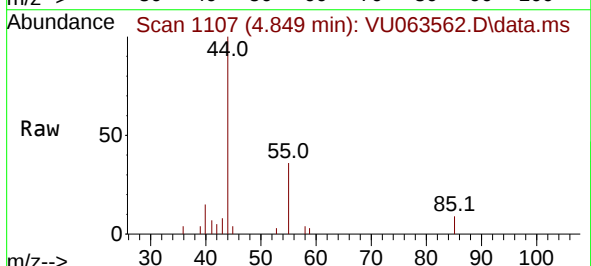
Ion Ratio Lower Upper

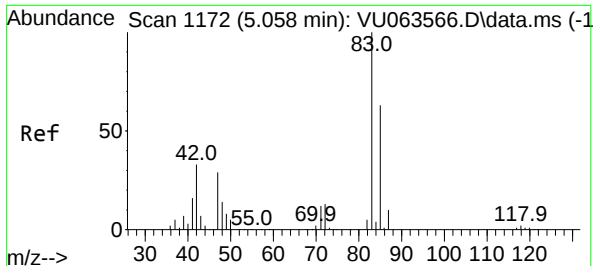
55 100

85 15.5 12.8 19.2

58 4.5 6.6 10.0#

42 5.4 8.4 12.6#





#41

Tetrahydrofuran

Concen: 1.327 ug/l

RT: 5.062 min Scan# 1173

Delta R.T. 0.003 min

Lab File: VU063562.D

Acq: 12 Sep 2025 09:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

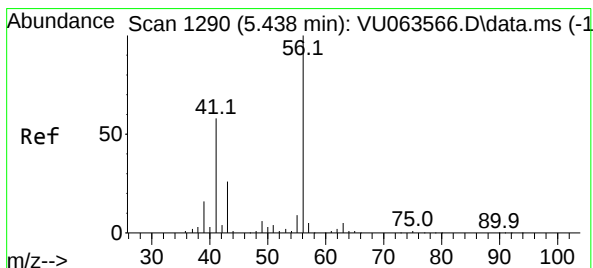
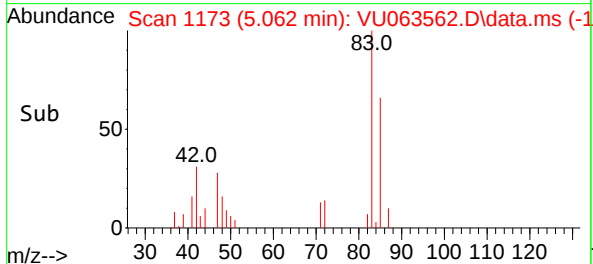
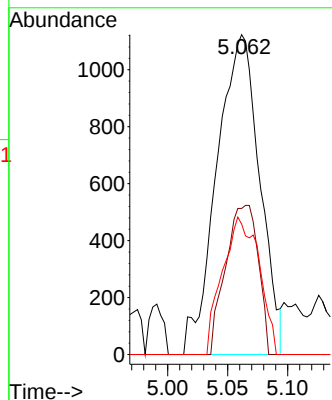
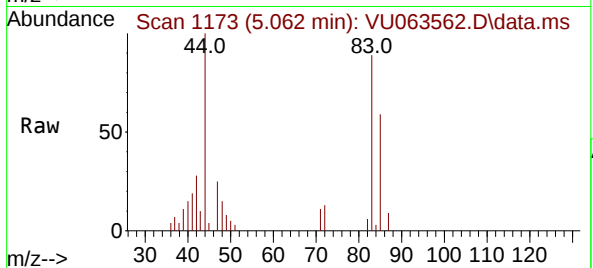
Tgt Ion: 42 Resp: 2790

Ion Ratio Lower Upper

42 100

72 35.5 34.1 51.1

71 36.8 29.9 44.9



#42

1-Chlorobutane

Concen: 0.586 ug/l

RT: 5.441 min Scan# 1291

Delta R.T. 0.003 min

Lab File: VU063562.D

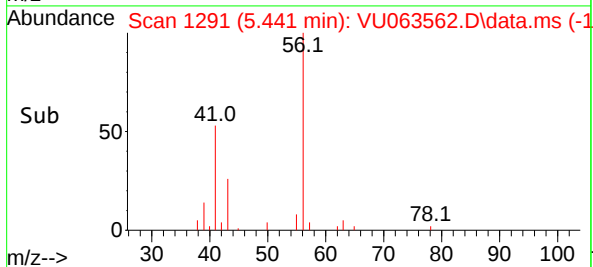
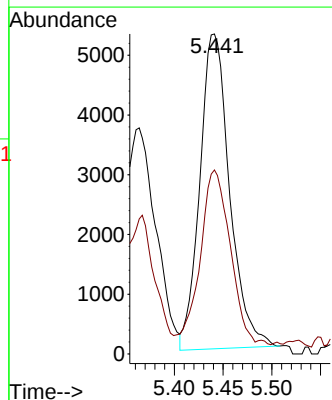
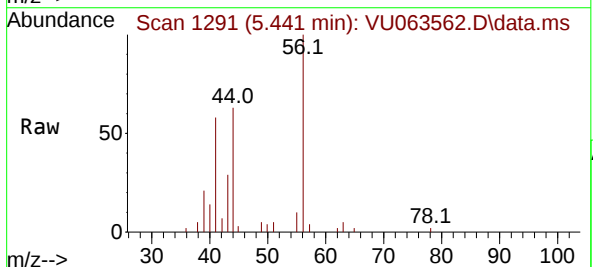
Acq: 12 Sep 2025 09:13

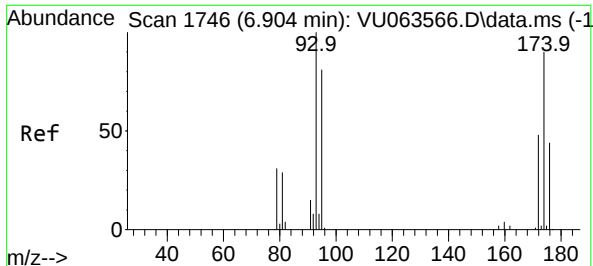
Tgt Ion: 56 Resp: 11233

Ion Ratio Lower Upper

56 100

41 55.4 28.3 84.9

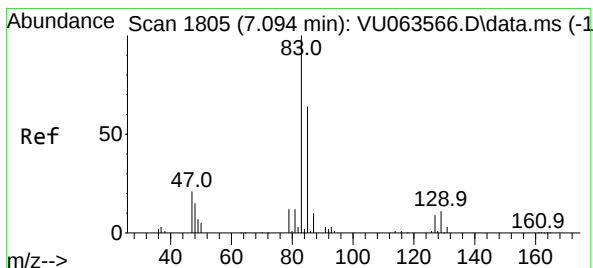
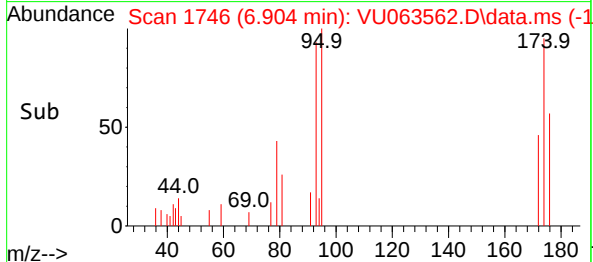
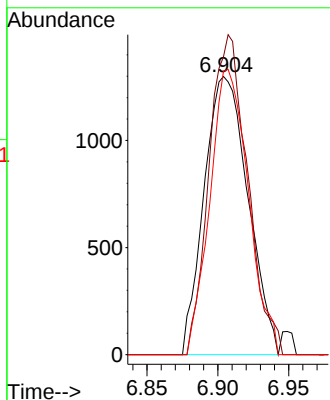
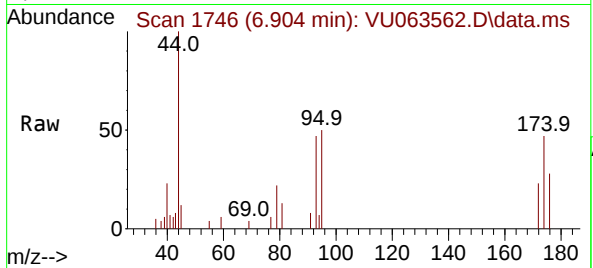




#43
Dibromomethane
Concen: 0.529 ug/l
RT: 6.904 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU063562.D
Acq: 12 Sep 2025 09:13

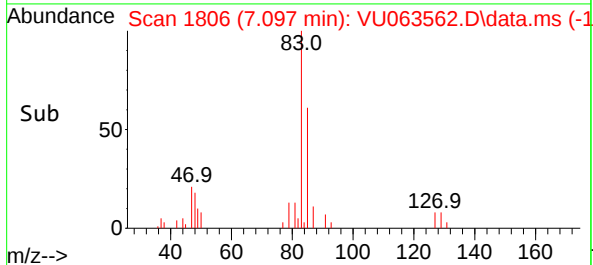
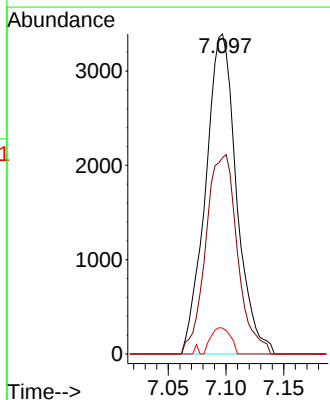
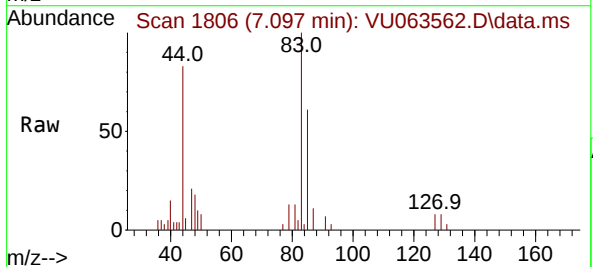
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

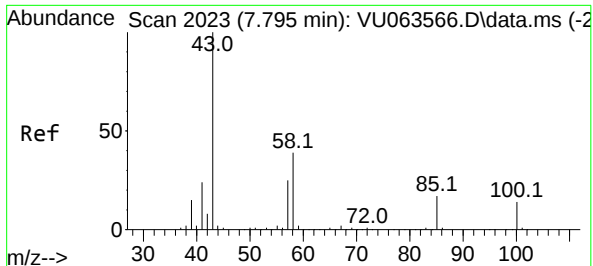
Tgt Ion: 93 Resp: 2798
Ion Ratio Lower Upper
93 100
95 100.7 66.6 100.0#
174 90.1 72.7 109.1



#44
Bromodichloromethane
Concen: 0.565 ug/l
RT: 7.097 min Scan# 1806
Delta R.T. 0.003 min
Lab File: VU063562.D
Acq: 12 Sep 2025 09:13

Tgt Ion: 83 Resp: 6330
Ion Ratio Lower Upper
83 100
85 61.3 51.2 76.8
127 8.1 6.9 10.3

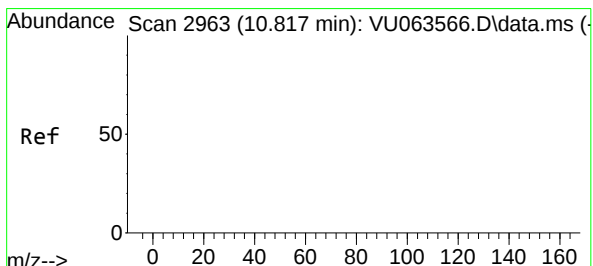
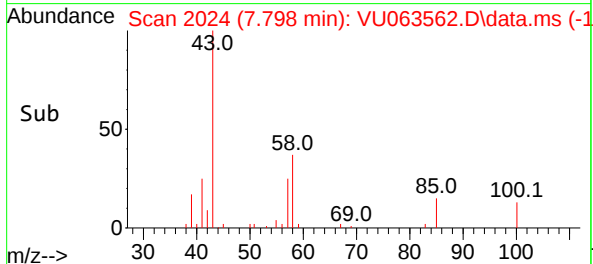
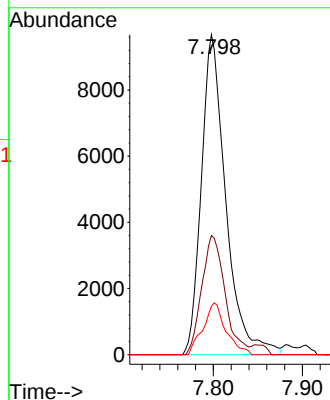
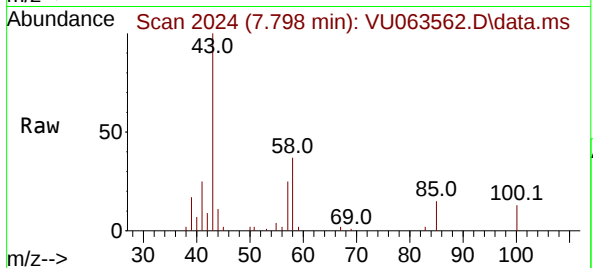




#45
4-Methyl-2-Pentanone
Concen: 3.543 ug/l
RT: 7.798 min Scan# 2024
Delta R.T. 0.003 min
Lab File: VU063562.D
Acq: 12 Sep 2025 09:13

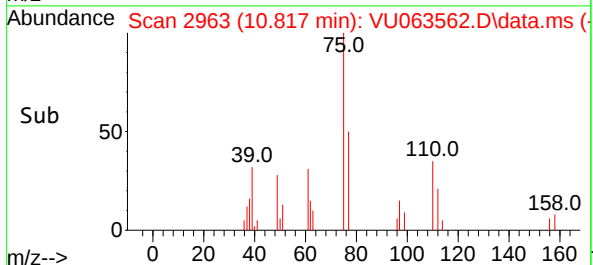
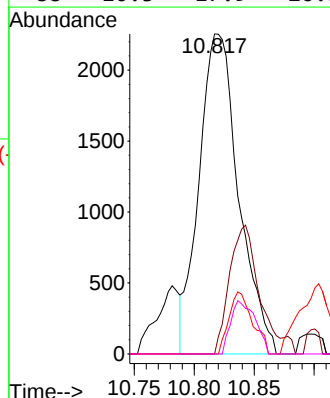
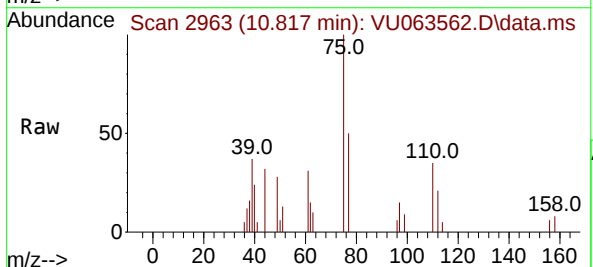
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

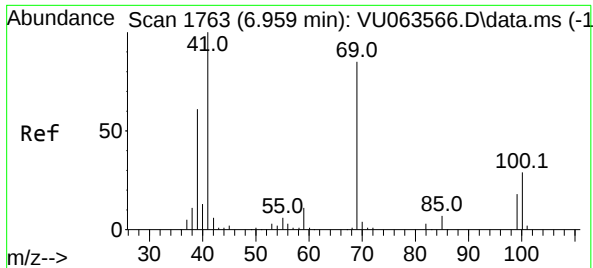
Tgt Ion:	43	Resp:	18411
Ion	Ratio	Lower	Upper
43	100		
58	35.5	18.9	56.9
85	15.2	13.3	19.9



#46
t-1,4-Dichloro-2-butene
Concen: 2.178 ug/l
RT: 10.817 min Scan# 2963
Delta R.T. -0.000 min
Lab File: VU063562.D
Acq: 12 Sep 2025 09:13

Tgt Ion:	75	Resp:	5182
Ion	Ratio	Lower	Upper
75	100		
53	30.7	43.2	64.8#
89	11.5	21.9	32.9#
88	10.3	17.9	26.9#





#47

Methyl methacrylate

Concen: 1.298 ug/l

RT: 6.965 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU063562.D

Acq: 12 Sep 2025 09:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

Tgt Ion: 69 Resp: 5878

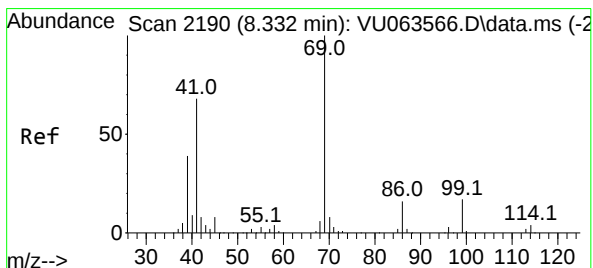
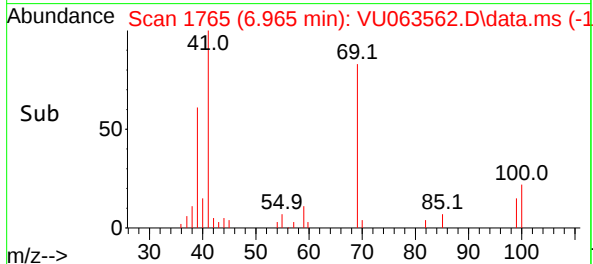
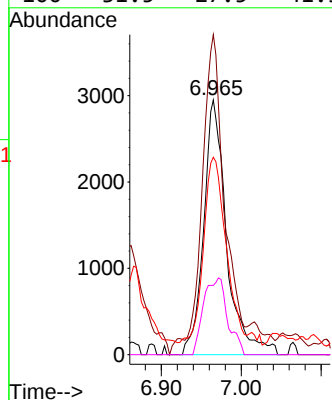
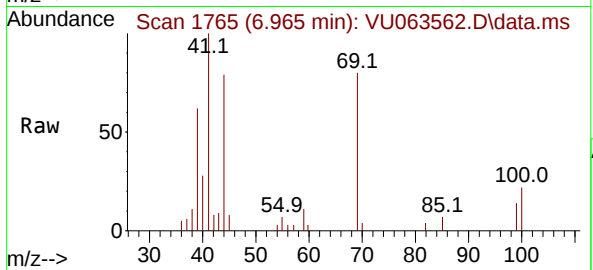
Ion Ratio Lower Upper

69 100

41 108.1 0.0 236.8

39 70.4 57.8 86.6

100 31.5 27.5 41.3



#48

Ethyl methacrylate

Concen: 0.617 ug/l

RT: 8.338 min Scan# 2192

Delta R.T. 0.006 min

Lab File: VU063562.D

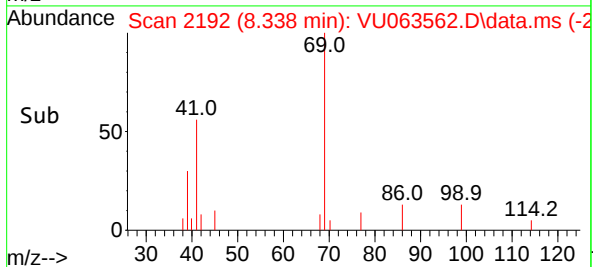
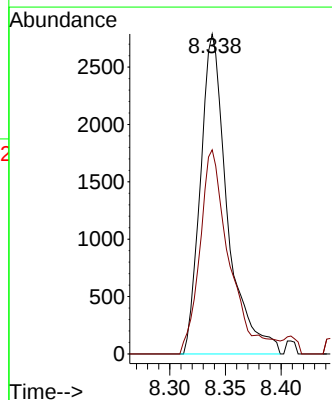
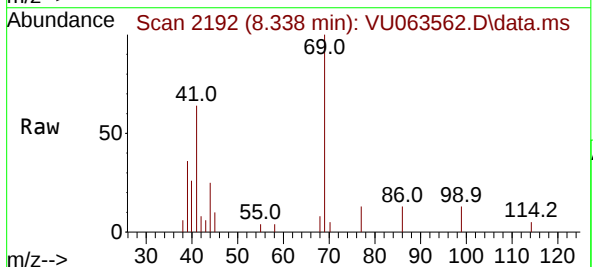
Acq: 12 Sep 2025 09:13

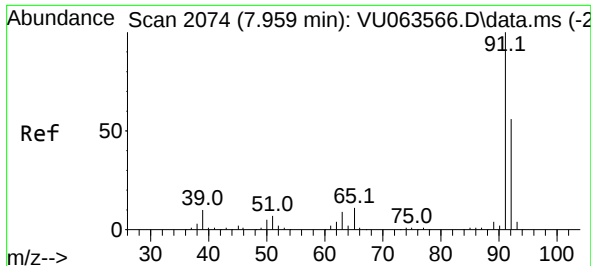
Tgt Ion: 69 Resp: 4699

Ion Ratio Lower Upper

69 100

41 70.2 33.7 101.1





#49

Toluene

Concen: 0.587 ug/l

RT: 7.959 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VU063562.D

Acq: 12 Sep 2025 09:13

Instrument :

MSVOA_U

ClientSampleId :

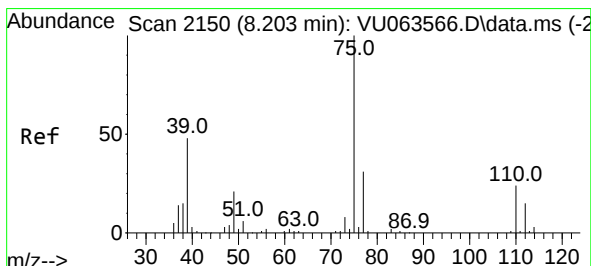
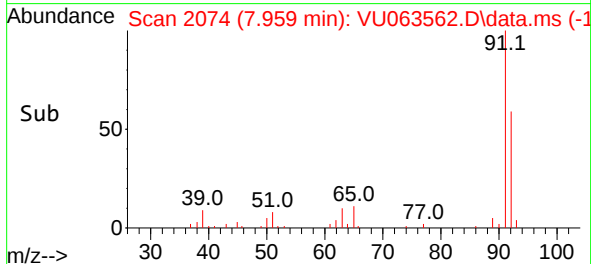
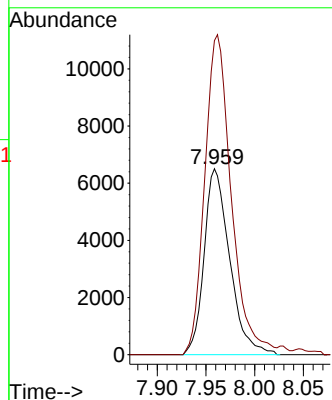
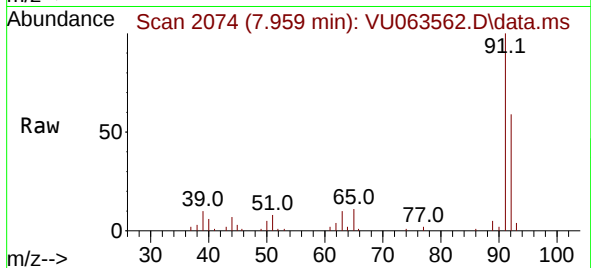
VSTDIC0.5

Tgt Ion: 92 Resp: 11891

Ion Ratio Lower Upper

92 100

91 178.6 139.4 209.2



#50

t-1,3-Dichloropropene

Concen: 0.557 ug/l

RT: 8.206 min Scan# 2151

Delta R.T. 0.003 min

Lab File: VU063562.D

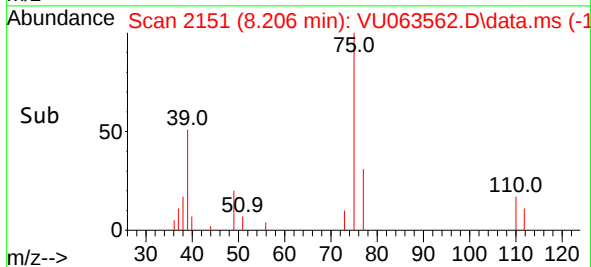
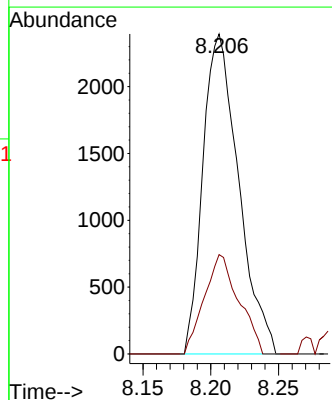
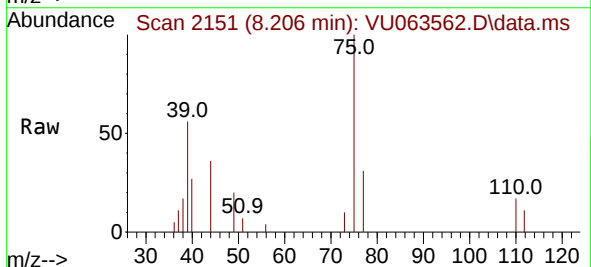
Acq: 12 Sep 2025 09:13

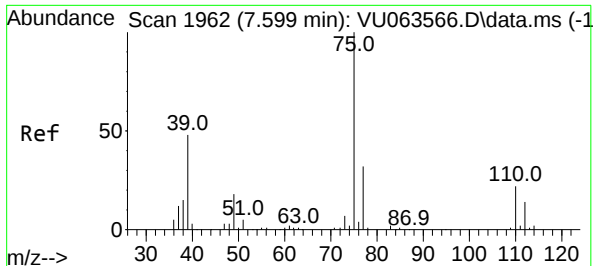
Tgt Ion: 75 Resp: 4377

Ion Ratio Lower Upper

75 100

77 31.0 24.8 37.2





#51

cis-1,3-Dichloropropene

Concen: 0.552 ug/l

RT: 7.598 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VU063562.D

Acq: 12 Sep 2025 09:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

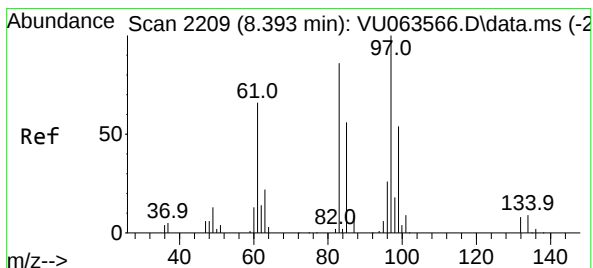
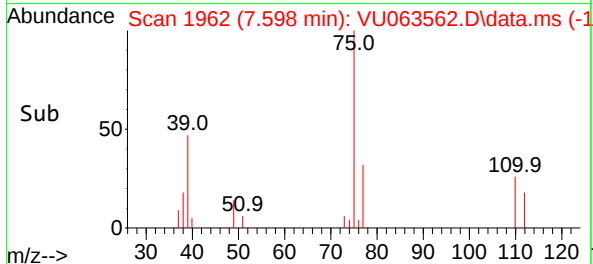
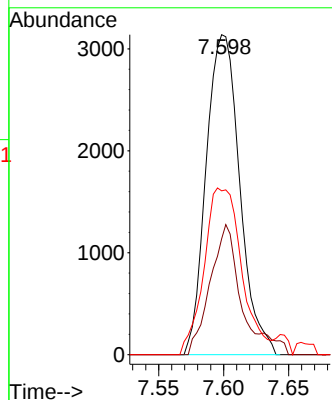
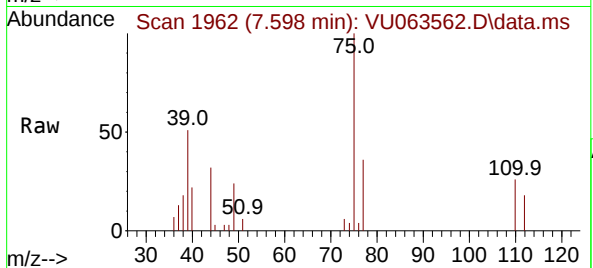
Tgt Ion: 75 Resp: 5642

Ion Ratio Lower Upper

75 100

77 36.2 25.2 37.8

39 51.2 38.8 58.2



#52

1,1,2-Trichloroethane

Concen: 0.562 ug/l

RT: 8.396 min Scan# 2210

Delta R.T. 0.003 min

Lab File: VU063562.D

Acq: 12 Sep 2025 09:13

Tgt Ion: 97 Resp: 3906

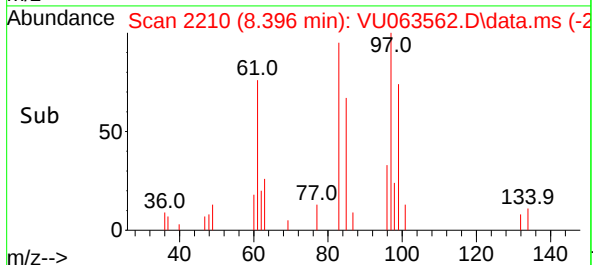
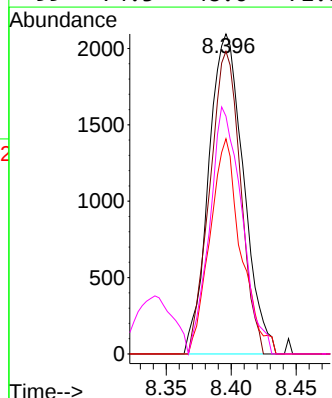
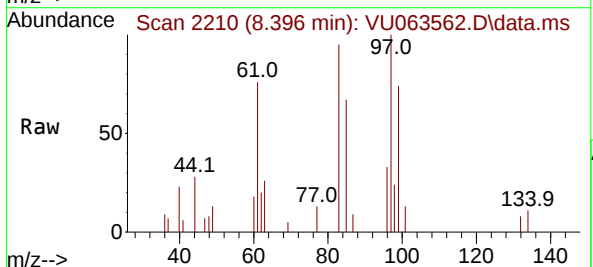
Ion Ratio Lower Upper

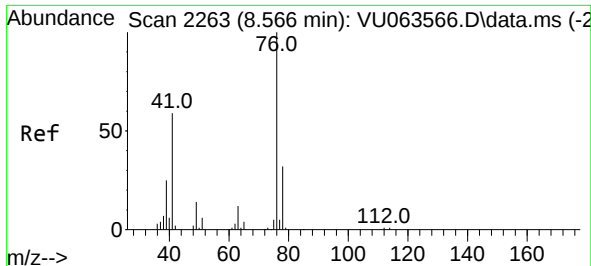
97 100

83 94.6 68.5 102.7

85 67.3 45.0 67.6

99 74.3 48.6 72.8#





#53

1,3-Dichloropropane

Concen: 0.609 ug/l

RT: 8.569 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063562.D

Acq: 12 Sep 2025 09:13

Instrument :

MSVOA_U

ClientSampleId :

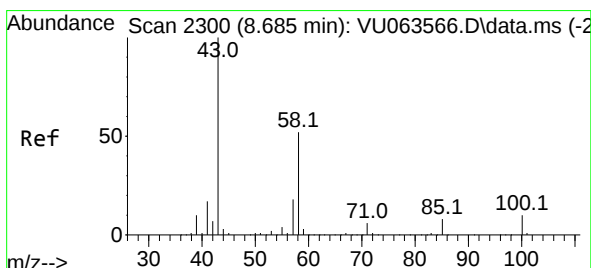
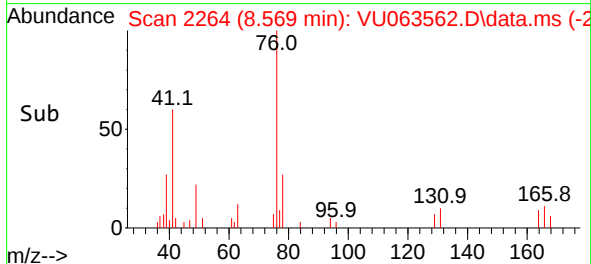
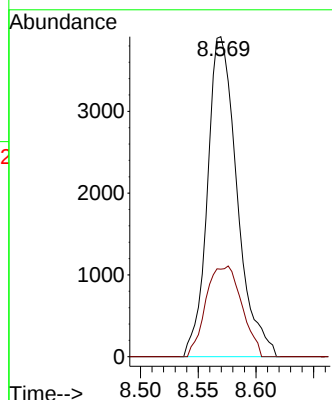
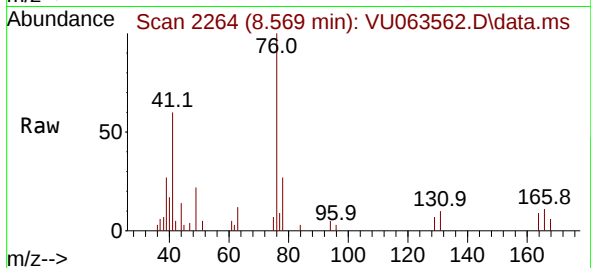
VSTDICC0.5

Tgt Ion: 76 Resp: 6980

Ion Ratio Lower Upper

76 100

78 34.2 26.2 39.2



#54

2-Hexanone

Concen: 3.091 ug/l

RT: 8.692 min Scan# 2302

Delta R.T. 0.006 min

Lab File: VU063562.D

Acq: 12 Sep 2025 09:13

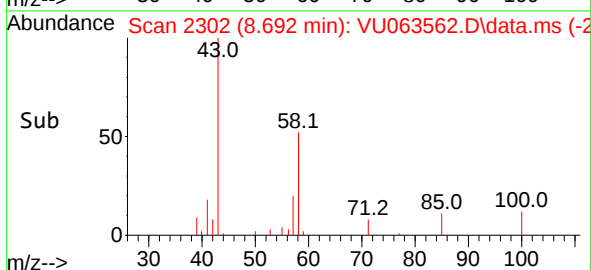
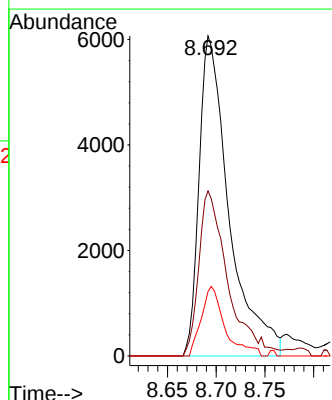
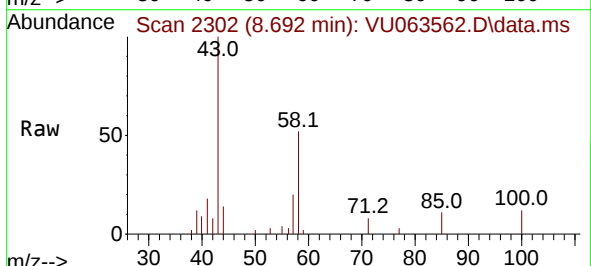
Tgt Ion: 43 Resp: 12969

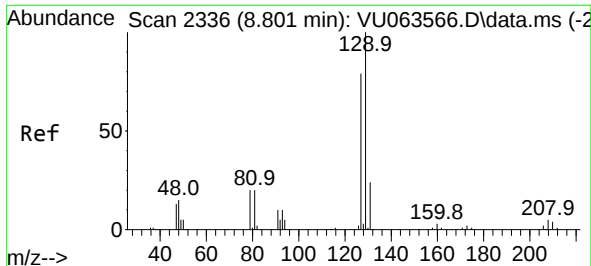
Ion Ratio Lower Upper

43 100

58 49.8 32.7 72.7

57 17.1 0.0 38.2

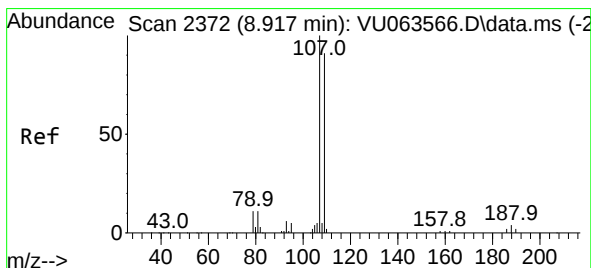
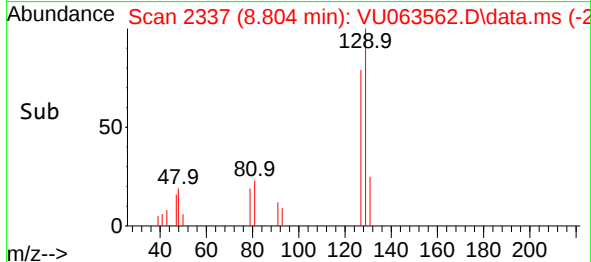
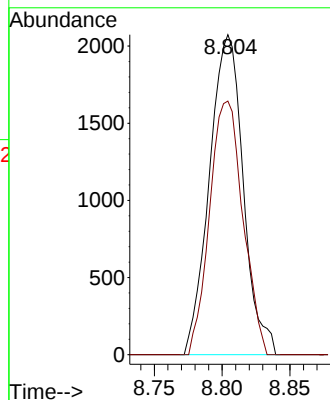
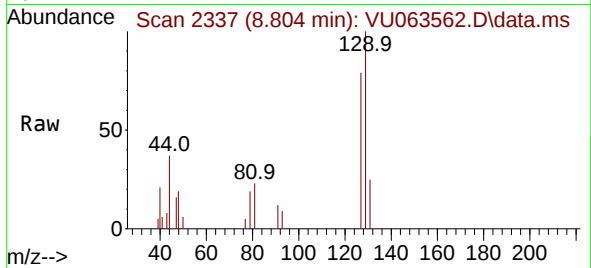




#55
Dibromochloromethane
Concen: 0.540 ug/l
RT: 8.804 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063562.D
Acq: 12 Sep 2025 09:13

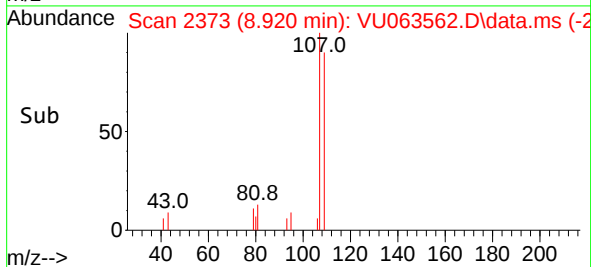
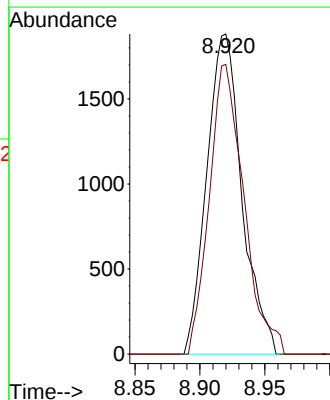
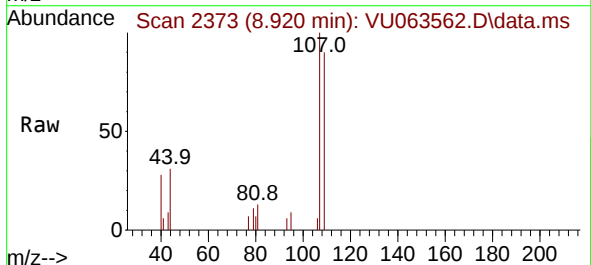
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

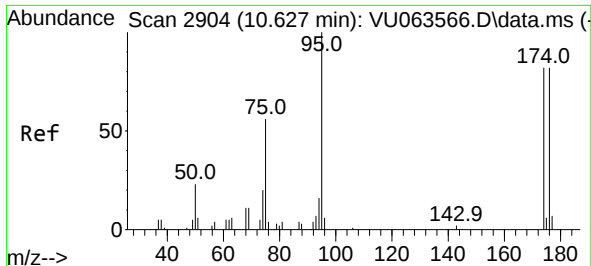
Tgt Ion:129 Resp: 3602
Ion Ratio Lower Upper
129 100
127 77.9 61.9 92.9



#56
1,2-Dibromoethane
Concen: 0.600 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. 0.003 min
Lab File: VU063562.D
Acq: 12 Sep 2025 09:13

Tgt Ion:107 Resp: 3536
Ion Ratio Lower Upper
107 100
109 89.0 0.0 183.6

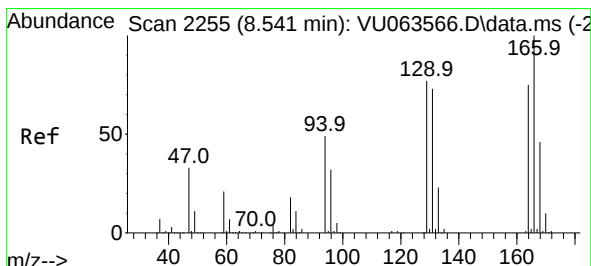
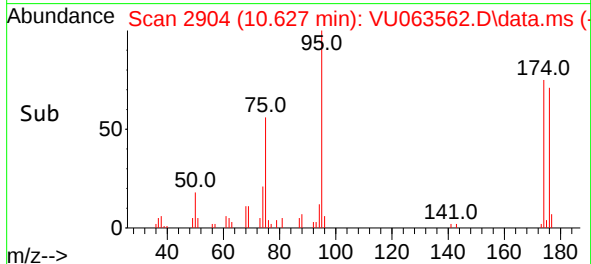
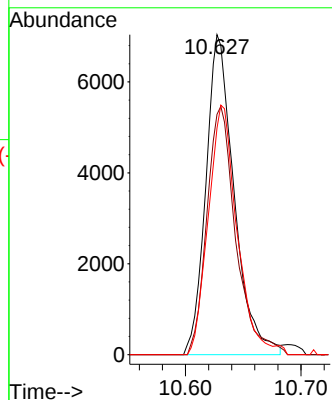
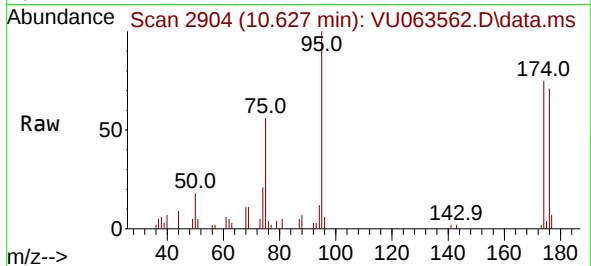




#57
4-Bromofluorobenzene
Concen: 1.019 ug/l
RT: 10.627 min Scan# 2904
Delta R.T. -0.000 min
Lab File: VU063562.D
Acq: 12 Sep 2025 09:13

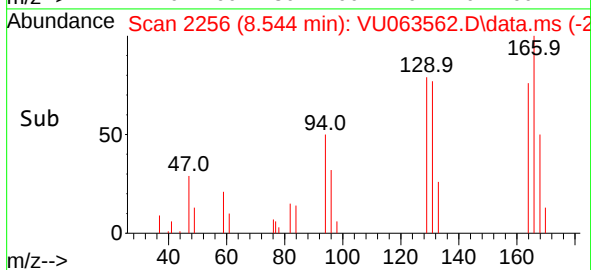
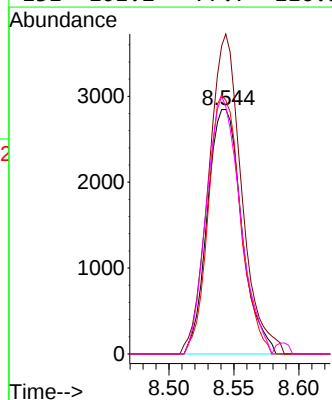
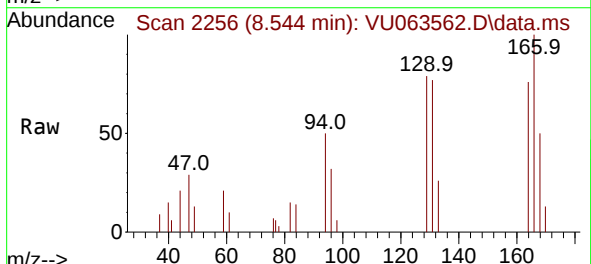
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

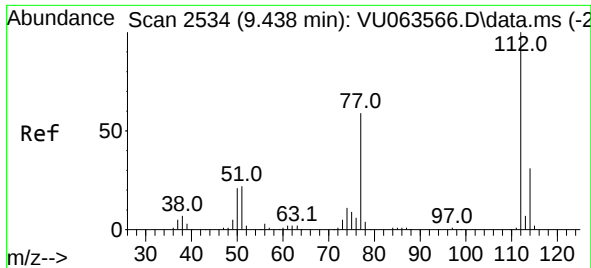
Tgt Ion: 95 Resp: 11955
Ion Ratio Lower Upper
95 100
174 79.3 64.7 97.1
176 79.5 66.2 99.4



#58
Tetrachloroethene
Concen: 0.588 ug/l
RT: 8.544 min Scan# 2256
Delta R.T. 0.003 min
Lab File: VU063562.D
Acq: 12 Sep 2025 09:13

Tgt Ion: 164 Resp: 5219
Ion Ratio Lower Upper
164 100
166 130.9 106.4 159.6
129 103.7 81.4 122.2
131 101.2 77.7 116.5

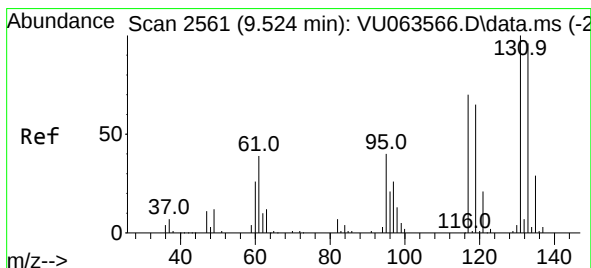
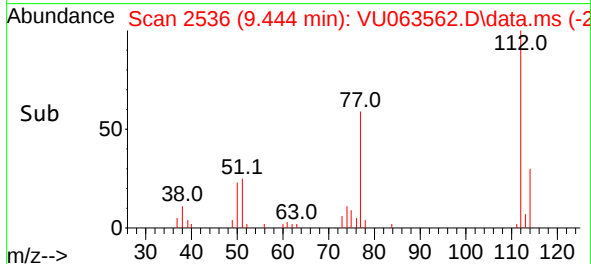
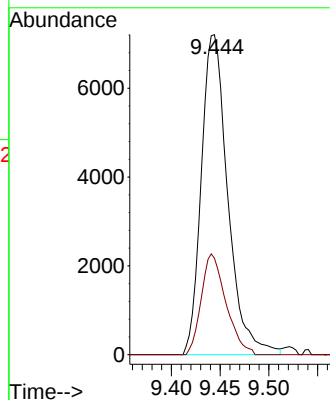
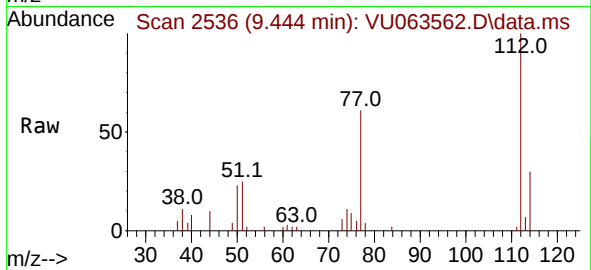




#59
Chlorobenzene
Concen: 0.570 ug/l
RT: 9.444 min Scan# 2536
Delta R.T. 0.006 min
Lab File: VU063562.D
Acq: 12 Sep 2025 09:13

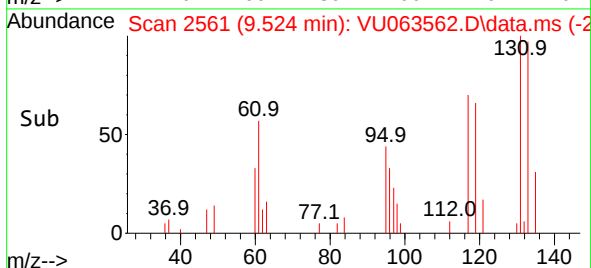
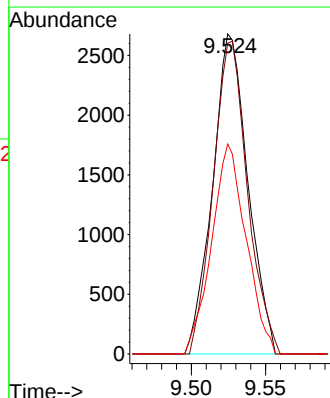
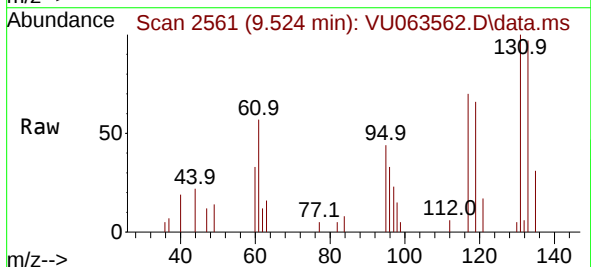
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

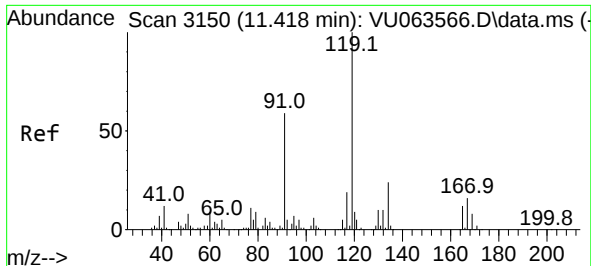
Tgt Ion:112 Resp: 13639
Ion Ratio Lower Upper
112 100
114 30.2 25.0 37.4



#60
1,1,1,2-Tetrachloroethane
Concen: 0.566 ug/l
RT: 9.524 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU063562.D
Acq: 12 Sep 2025 09:13

Tgt Ion:131 Resp: 4444
Ion Ratio Lower Upper
131 100
133 94.8 75.8 113.8
119 64.0 51.8 77.6

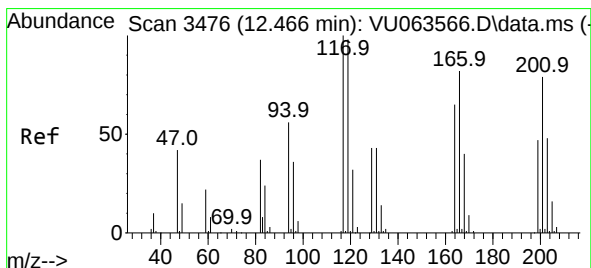
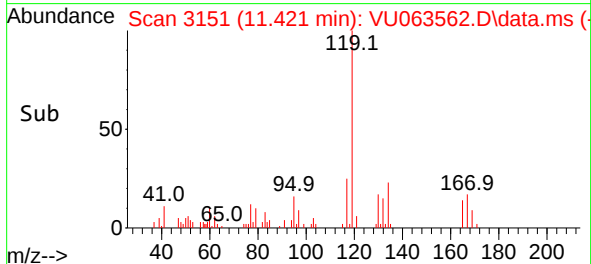
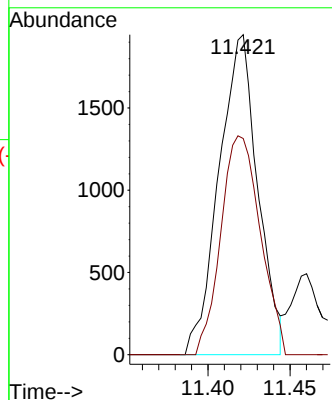
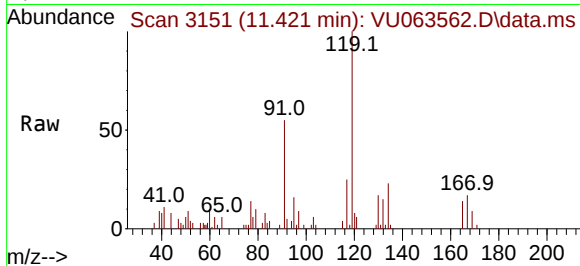




#61
 Pentachloroethane
 Concen: 0.536 ug/l
 RT: 11.421 min Scan# 3151
 Delta R.T. 0.003 min
 Lab File: VU063562.D
 Acq: 12 Sep 2025 09:13

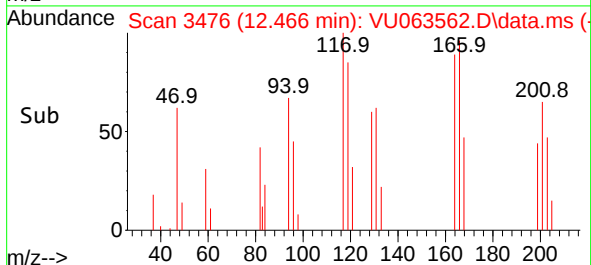
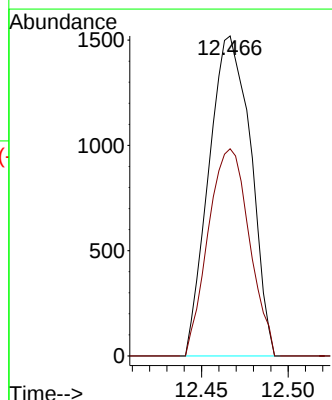
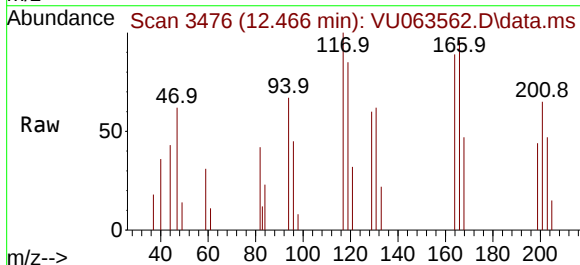
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

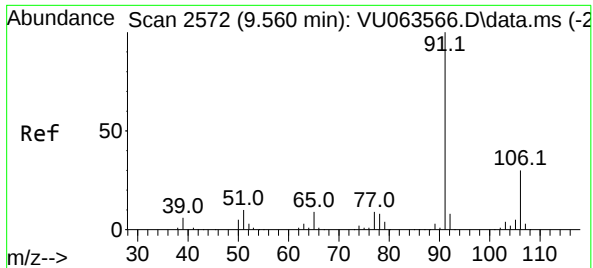
Tgt Ion:117 Resp: 3191
 Ion Ratio Lower Upper
 117 100
 167 69.7 62.6 93.8



#62
 Hexachloroethane
 Concen: 0.490 ug/l
 RT: 12.466 min Scan# 3476
 Delta R.T. -0.000 min
 Lab File: VU063562.D
 Acq: 12 Sep 2025 09:13

Tgt Ion:117 Resp: 2550
 Ion Ratio Lower Upper
 117 100
 201 63.7 61.0 91.6

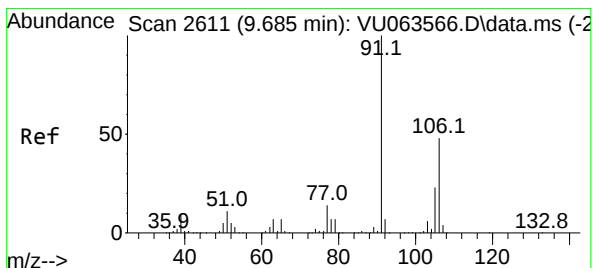
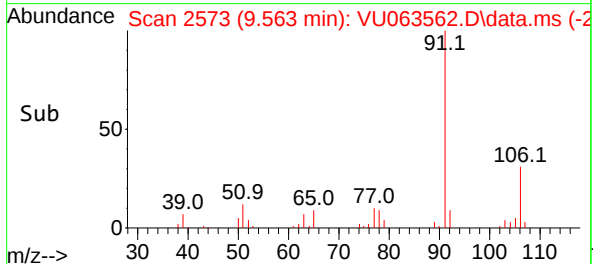
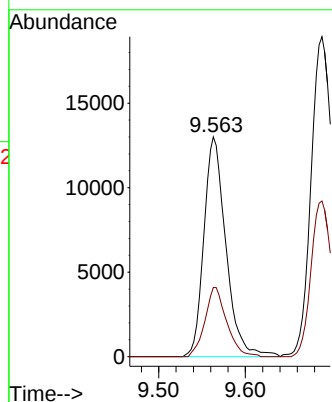
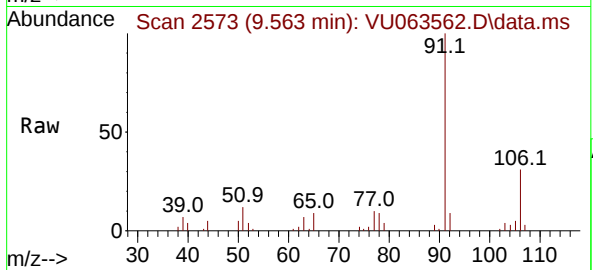




#63
Ethyl Benzene
Concen: 0.561 ug/l
RT: 9.563 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063562.D
Acq: 12 Sep 2025 09:13

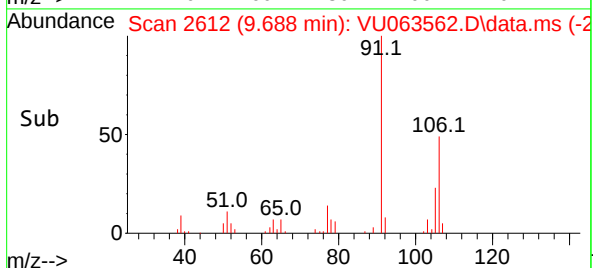
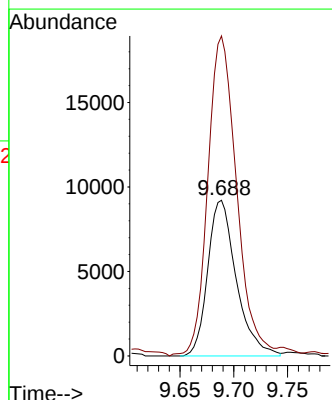
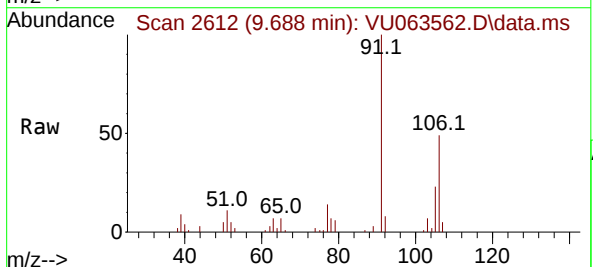
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

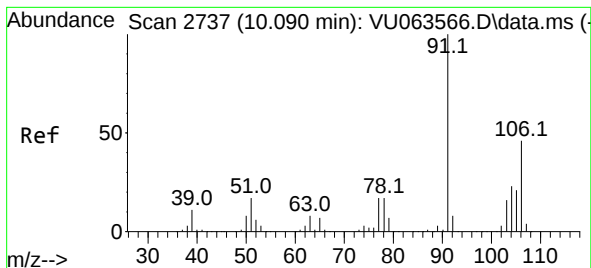
Tgt Ion: 91 Resp: 22944
Ion Ratio Lower Upper
91 100
106 31.4 23.8 35.8



#64
m/p-Xylenes
Concen: 1.083 ug/l
RT: 9.688 min Scan# 2612
Delta R.T. 0.003 min
Lab File: VU063562.D
Acq: 12 Sep 2025 09:13

Tgt Ion: 106 Resp: 17019
Ion Ratio Lower Upper
106 100
91 207.1 167.0 250.4





#65

o-Xylene

Concen: 0.583 ug/l

RT: 10.097 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU063562.D

Acq: 12 Sep 2025 09:13

Instrument :

MSVOA_U

ClientSampleId :

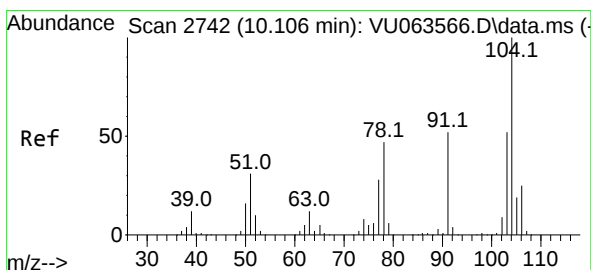
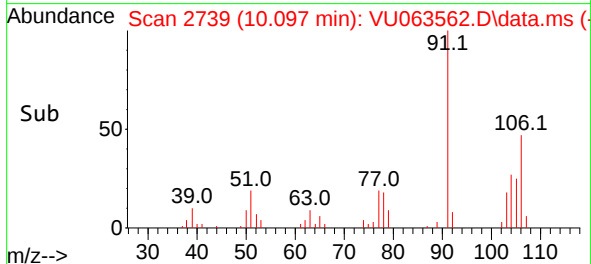
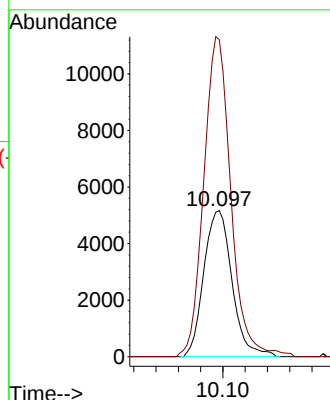
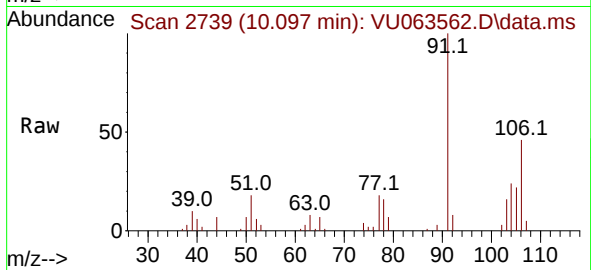
VSTDIC0.5

Tgt Ion:106 Resp: 9085

Ion Ratio Lower Upper

106 100

91 210.3 108.7 326.1



#66

Styrene

Concen: 0.526 ug/l

RT: 10.113 min Scan# 2744

Delta R.T. 0.006 min

Lab File: VU063562.D

Acq: 12 Sep 2025 09:13

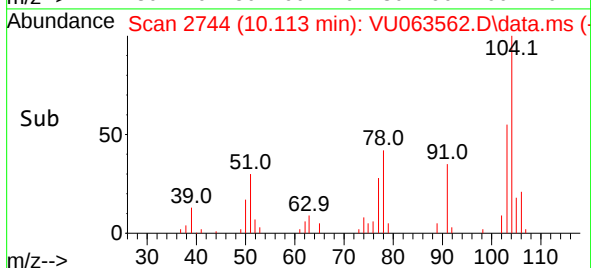
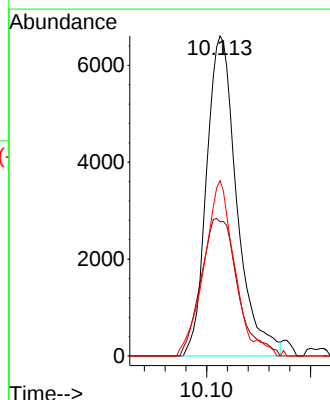
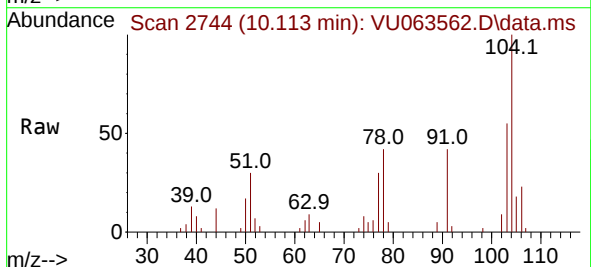
Tgt Ion:104 Resp: 13383

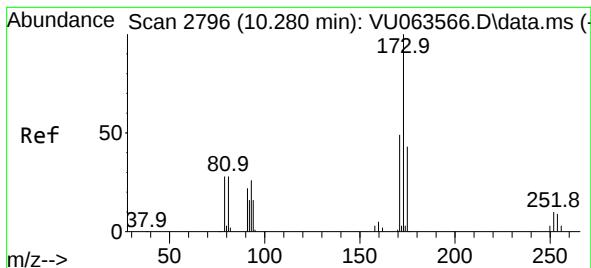
Ion Ratio Lower Upper

104 100

78 51.8 41.2 61.8

103 55.2 44.2 66.2





#67

Bromoform

Concen: 0.506 ug/l

RT: 10.283 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063562.D

Acq: 12 Sep 2025 09:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

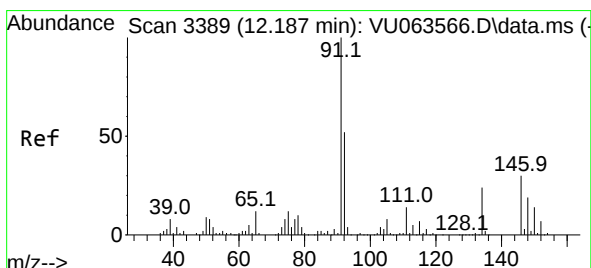
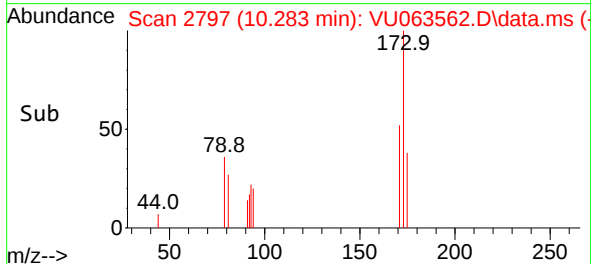
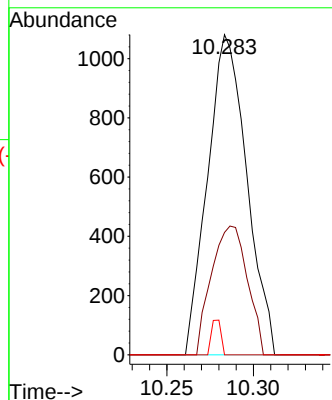
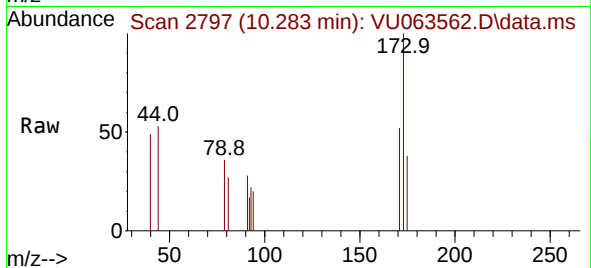
Tgt Ion:173 Resp: 1696

Ion Ratio Lower Upper

173 100

175 36.9 37.0 55.6#

254 2.7 7.1 10.7#



#68

1,2-Dichlorobenzene-d4

Concen: 1.065 ug/l

RT: 12.187 min Scan# 3389

Delta R.T. -0.000 min

Lab File: VU063562.D

Acq: 12 Sep 2025 09:13

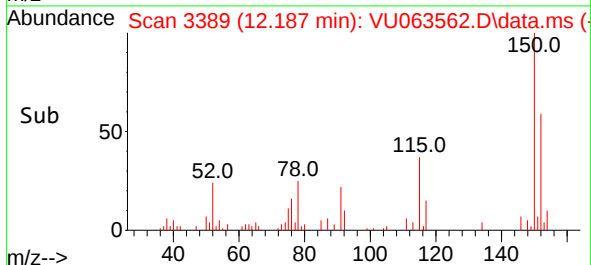
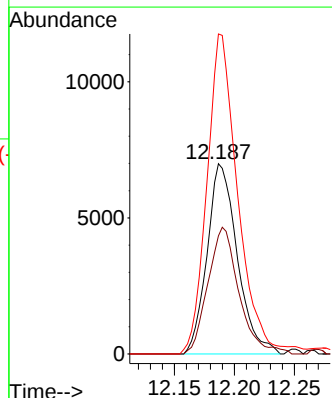
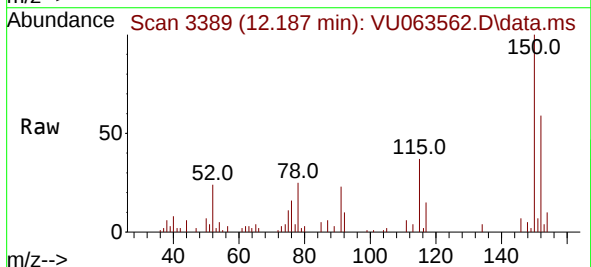
Tgt Ion:152 Resp: 12232

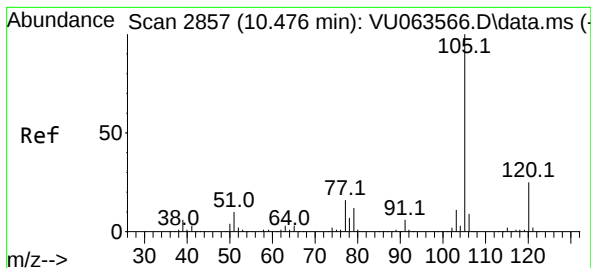
Ion Ratio Lower Upper

152 100

115 68.4 0.0 260.6

150 172.6 0.0 661.8





#69

Isopropylbenzene

Concen: 0.548 ug/l

RT: 10.476 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU063562.D

Acq: 12 Sep 2025 09:13

Instrument :

MSVOA_U

ClientSampleId :

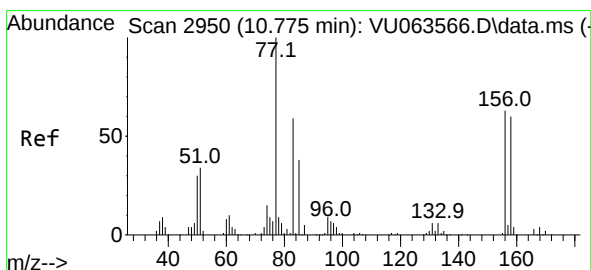
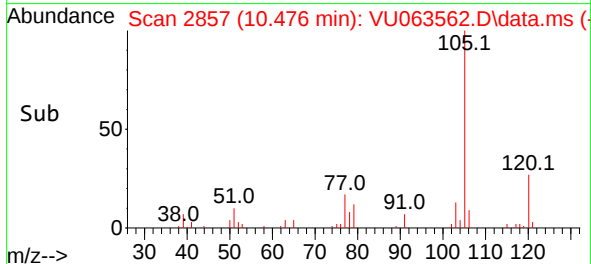
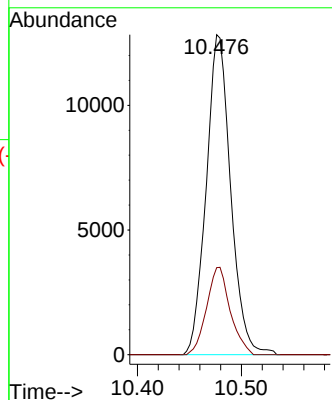
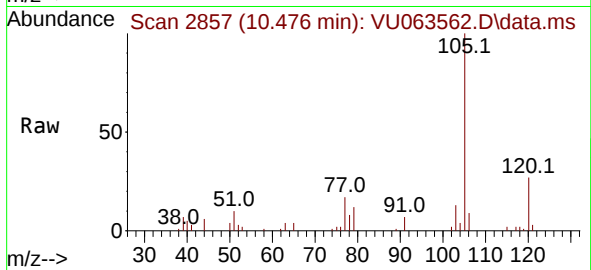
VSTDIC0.5

Tgt Ion:105 Resp: 20971

Ion Ratio Lower Upper

105 100

120 26.3 12.7 38.0



#70

1,1,2,2-Tetrachloroethane

Concen: 0.554 ug/l

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU063562.D

Acq: 12 Sep 2025 09:13

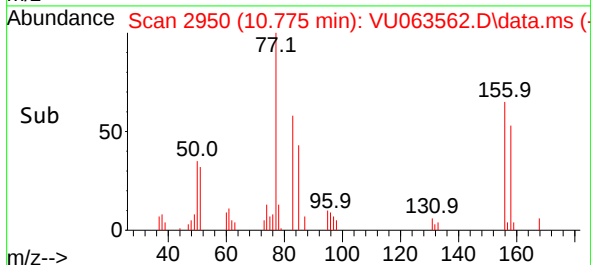
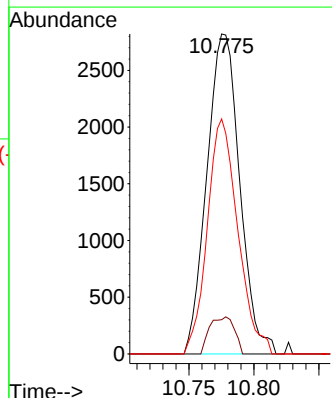
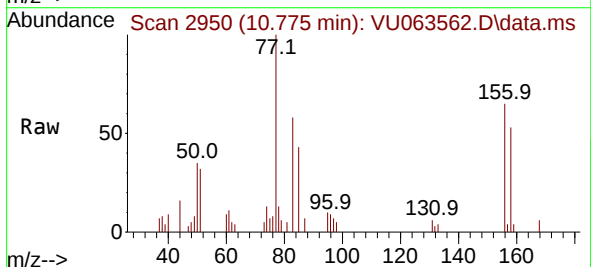
Tgt Ion: 83 Resp: 4965

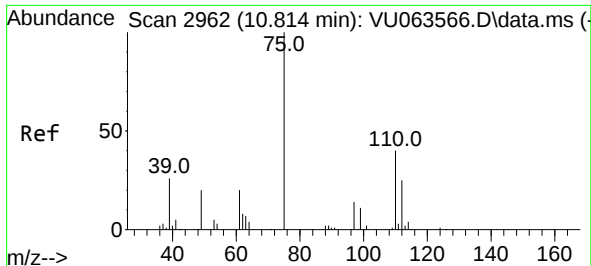
Ion Ratio Lower Upper

83 100

131 8.7 7.7 11.5

85 68.2 52.2 78.4

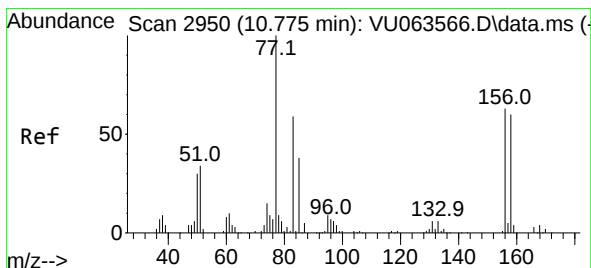
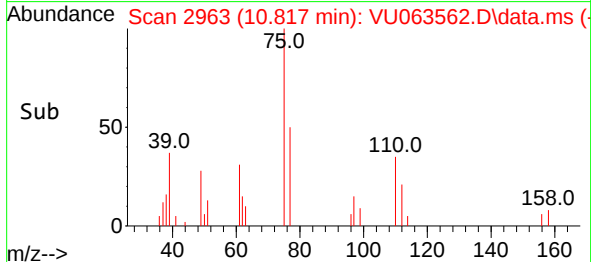
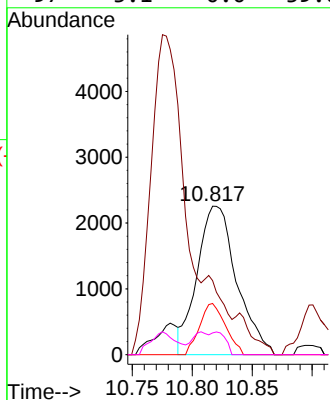
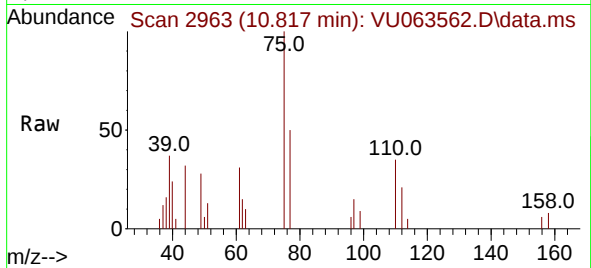




#71
1,2,3-Trichloropropane
Concen: 0.834 ug/l
RT: 10.817 min Scan# 2963
Delta R.T. 0.003 min
Lab File: VU063562.D
Acq: 12 Sep 2025 09:13

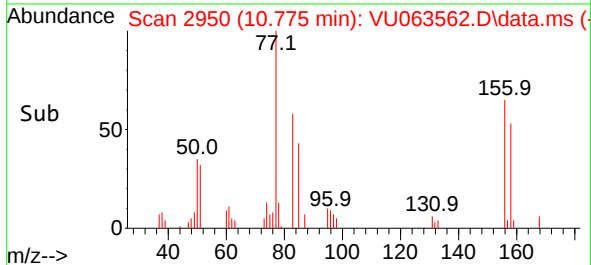
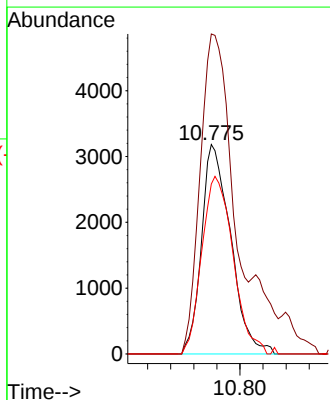
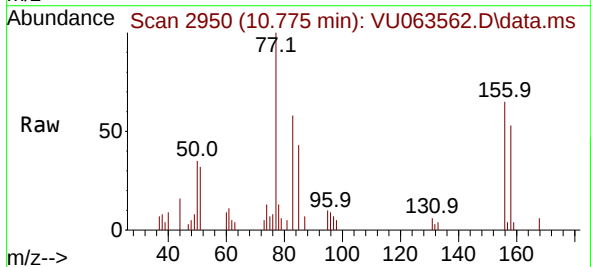
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

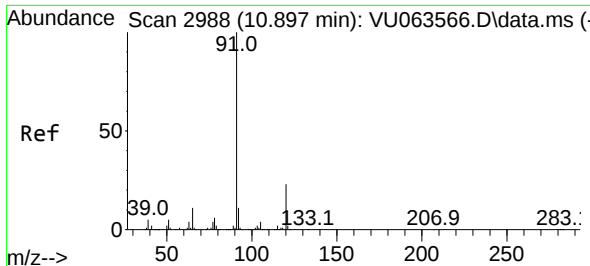
Tgt Ion: 75	Resp: 5182
Ion Ratio	Lower Upper
75 100	
77 0.0	0.0 0.0
110 22.5	0.0 77.6
97 3.1	0.0 39.6



#72
Bromobenzene
Concen: 0.574 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU063562.D
Acq: 12 Sep 2025 09:13

Tgt Ion: 156	Resp: 5576
Ion Ratio	Lower Upper
156 100	
77 163.9	0.0 323.0
158 90.9	0.0 195.4

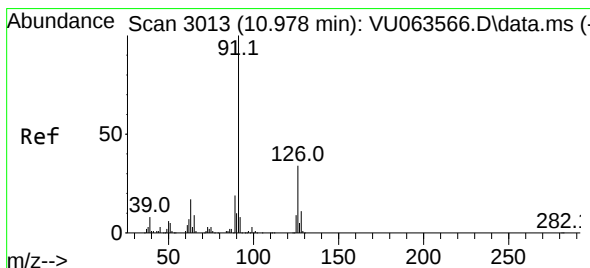
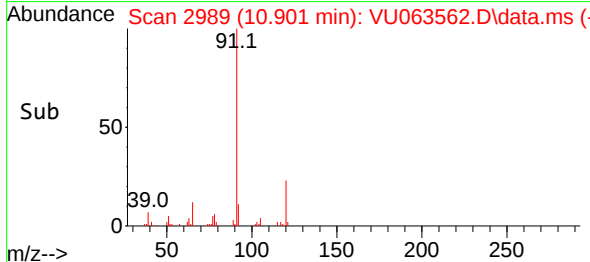
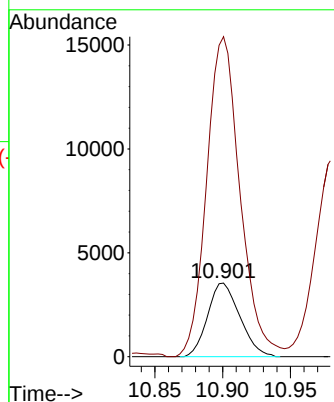
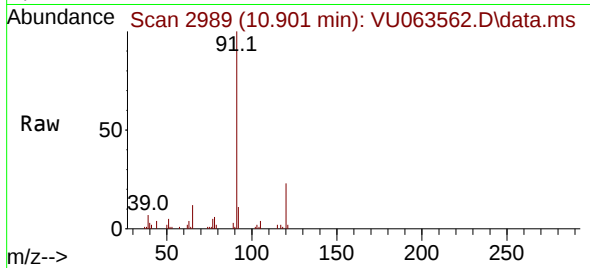




#73
n-propylbenzene
Concen: 0.521 ug/l
RT: 10.901 min Scan# 2989
Delta R.T. 0.003 min
Lab File: VU063562.D
Acq: 12 Sep 2025 09:13

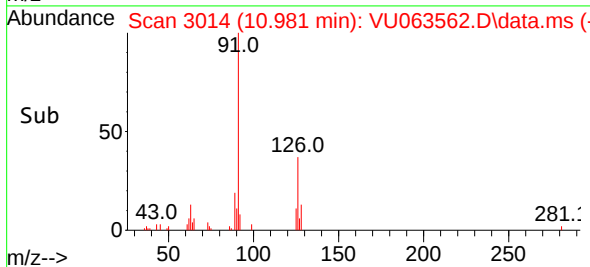
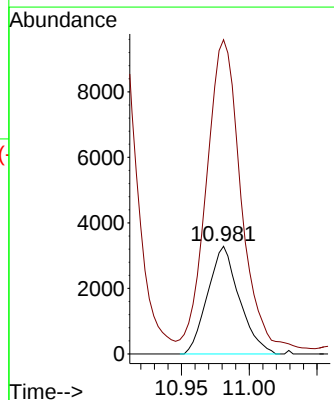
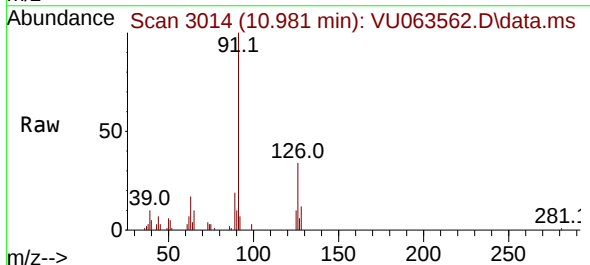
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

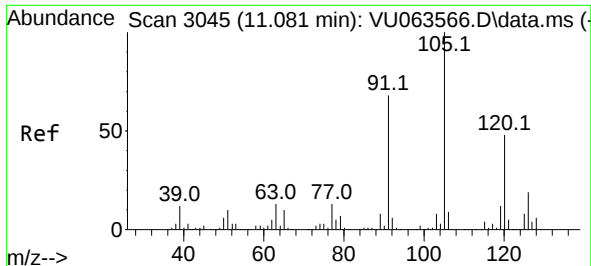
Tgt Ion:120 Resp: 5854
Ion Ratio Lower Upper
120 100
91 451.0 349.1 523.7



#74
2-Chlorotoluene
Concen: 0.530 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. 0.003 min
Lab File: VU063562.D
Acq: 12 Sep 2025 09:13

Tgt Ion:126 Resp: 5338
Ion Ratio Lower Upper
126 100
91 318.8 0.0 609.4

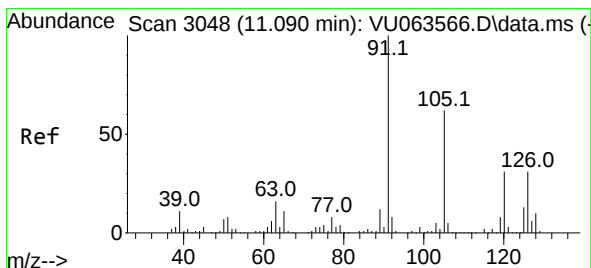
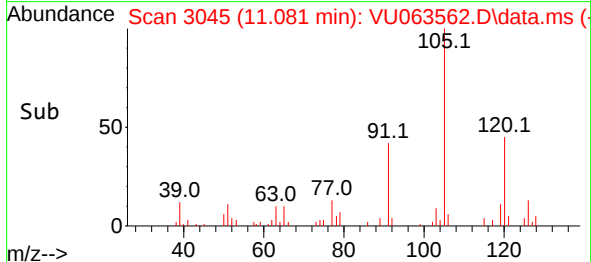
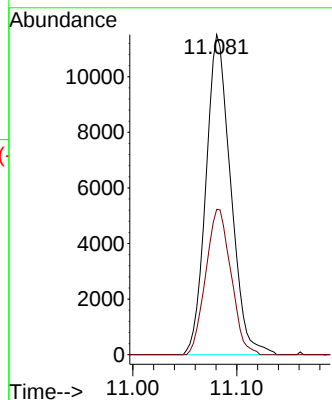
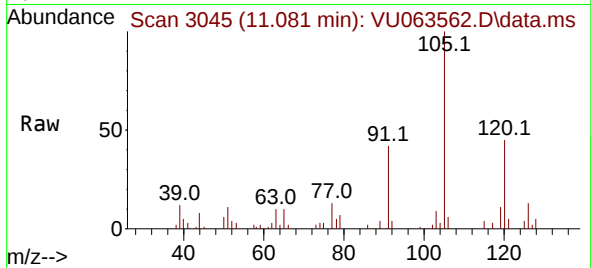




#75
1,3,5-Trimethylbenzene
Concen: 0.522 ug/l
RT: 11.081 min Scan# 3045
Delta R.T. -0.000 min
Lab File: VU063562.D
Acq: 12 Sep 2025 09:13

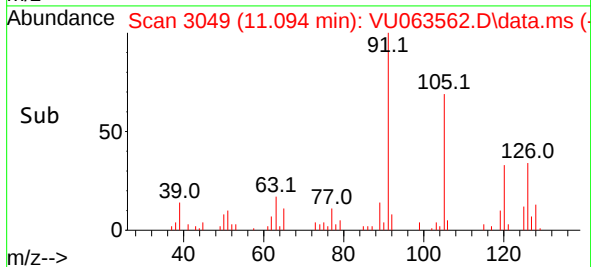
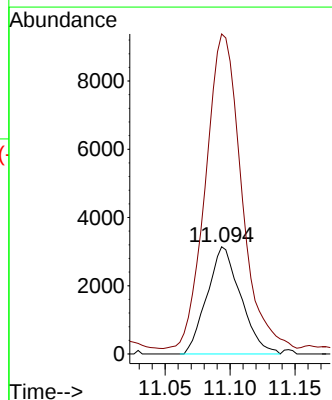
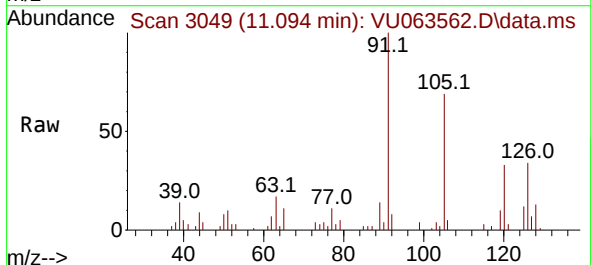
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

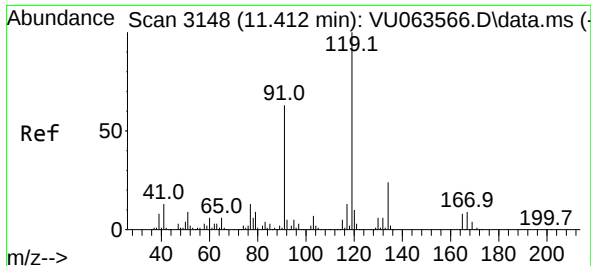
Tgt Ion:105 Resp: 19043
Ion Ratio Lower Upper
105 100
120 46.2 38.0 57.0



#76
4-Chlorotoluene
Concen: 0.531 ug/l
RT: 11.094 min Scan# 3049
Delta R.T. 0.003 min
Lab File: VU063562.D
Acq: 12 Sep 2025 09:13

Tgt Ion:126 Resp: 5653
Ion Ratio Lower Upper
126 100
91 314.4 0.0 679.4

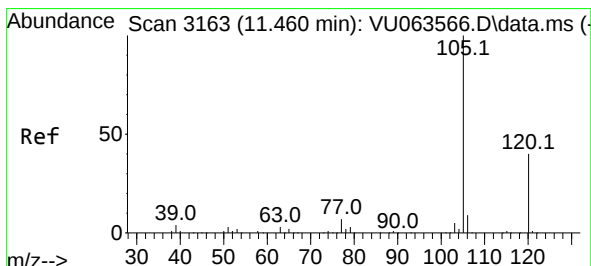
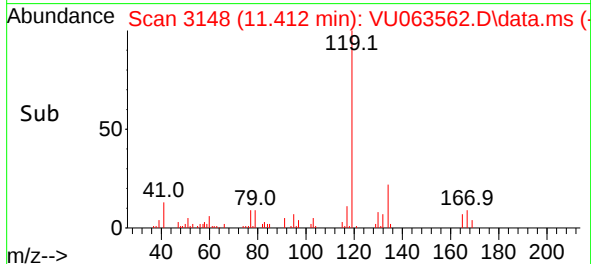
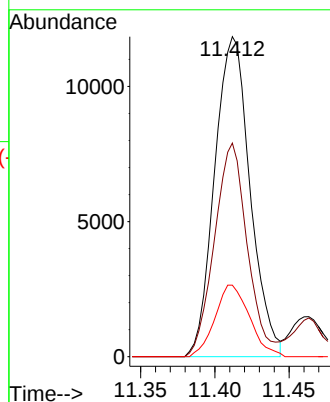
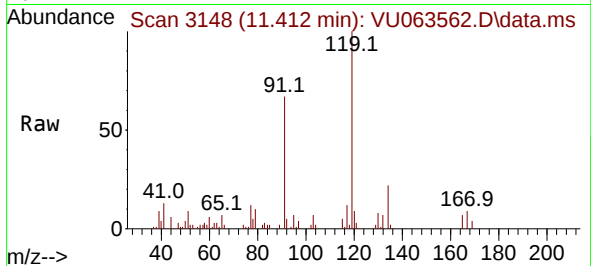




#77
tert-Butylbenzene
Concen: 0.555 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU063562.D
Acq: 12 Sep 2025 09:13

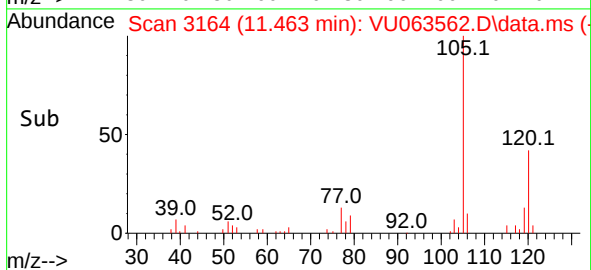
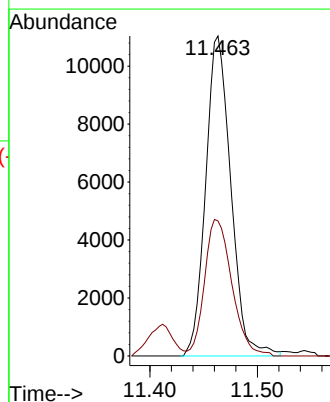
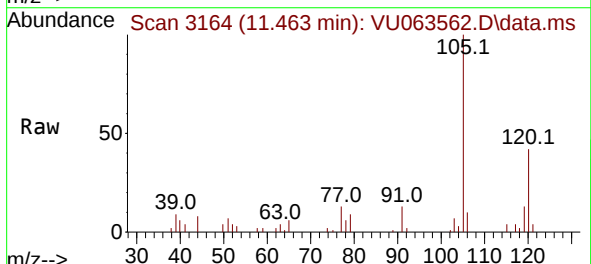
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

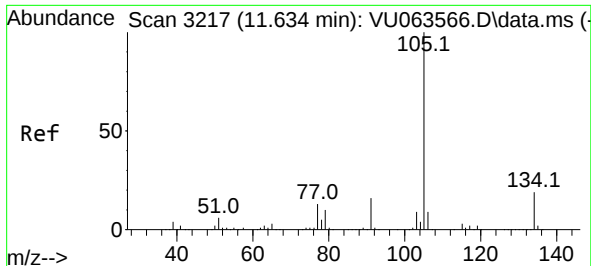
Tgt Ion:	119	Resp:	19684
Ion Ratio	Lower	Upper	
119	100		
91	61.6	31.0	93.0
134	21.8	19.0	28.6



#78
1,2,4-Trimethylbenzene
Concen: 0.496 ug/l
RT: 11.463 min Scan# 3164
Delta R.T. 0.003 min
Lab File: VU063562.D
Acq: 12 Sep 2025 09:13

Tgt Ion:	105	Resp:	17989
Ion Ratio	Lower	Upper	
105	100		
120	46.2	22.4	67.3

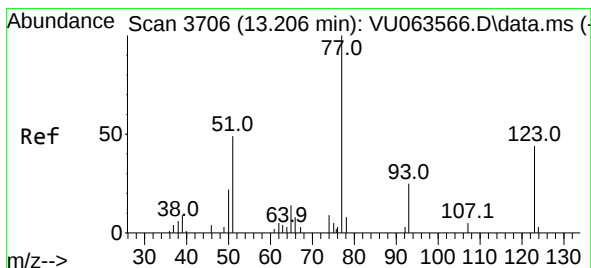
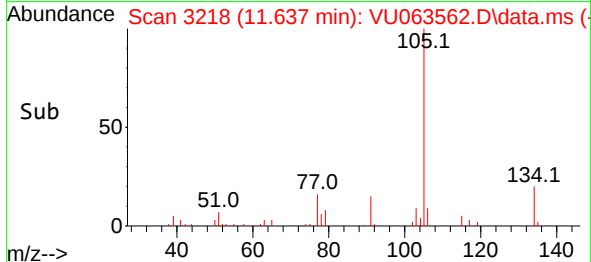
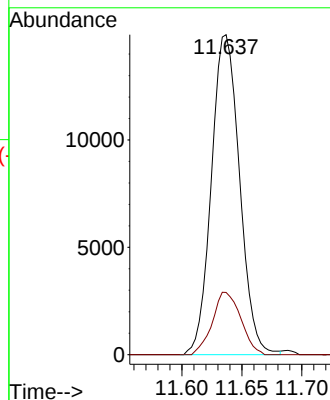
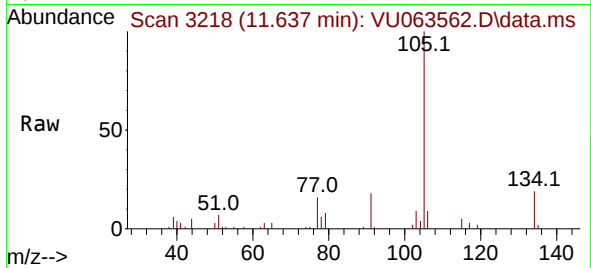




#79
 sec-Butylbenzene
 Concen: 0.509 ug/l
 RT: 11.637 min Scan# 3114
 Delta R.T. 0.003 min
 Lab File: VU063562.D
 Acq: 12 Sep 2025 09:13

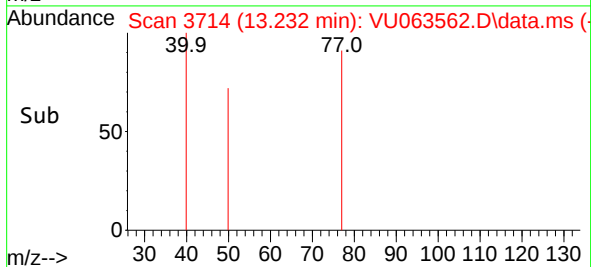
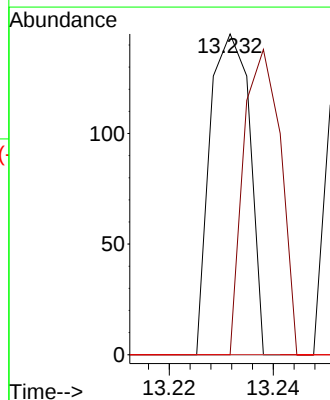
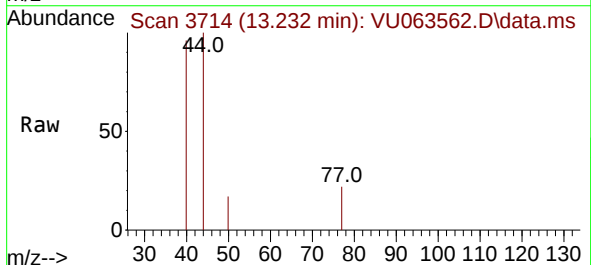
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

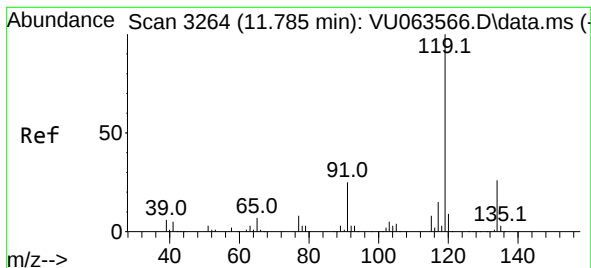
Tgt Ion:105 Resp: 24369
 Ion Ratio Lower Upper
 105 100
 134 19.7 15.6 23.4



#80
 Nitrobenzene
 Concen: 3.799 ug/l
 RT: 13.232 min Scan# 3714
 Delta R.T. 0.026 min
 Lab File: VU063562.D
 Acq: 12 Sep 2025 09:13

Tgt Ion: 77 Resp: 77
 Ion Ratio Lower Upper
 77 100
 123 88.3 18.0 63.6#
 65 0.0 12.8 16.4#





#81

p-Isopropyltoluene

Concen: 0.480 ug/l

RT: 11.788 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU063562.D

Acq: 12 Sep 2025 09:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

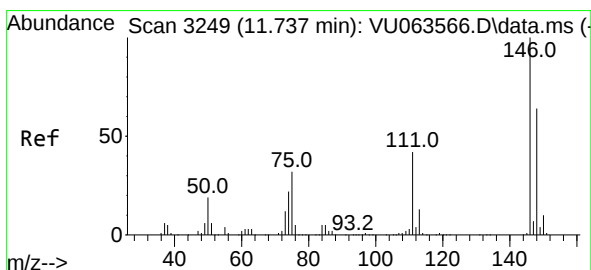
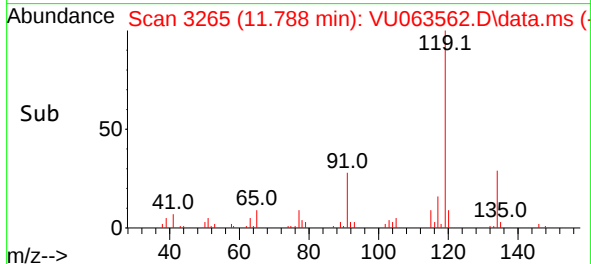
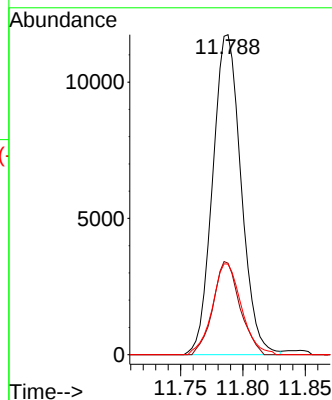
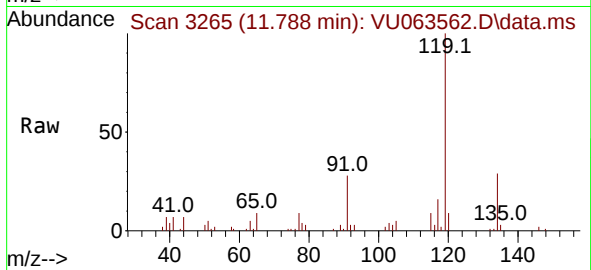
Tgt Ion:119 Resp: 18626

Ion Ratio Lower Upper

119 100

134 27.5 20.6 30.8

91 29.0 19.8 29.6



#82

1,3-Dichlorobenzene

Concen: 0.545 ug/l

RT: 11.743 min Scan# 3251

Delta R.T. 0.006 min

Lab File: VU063562.D

Acq: 12 Sep 2025 09:13

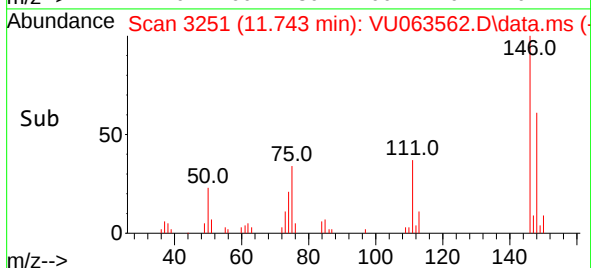
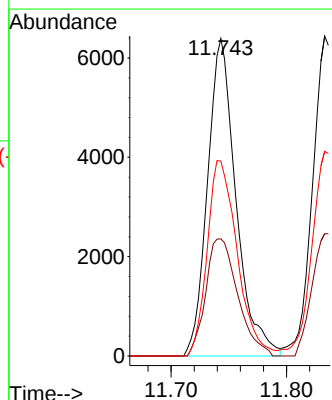
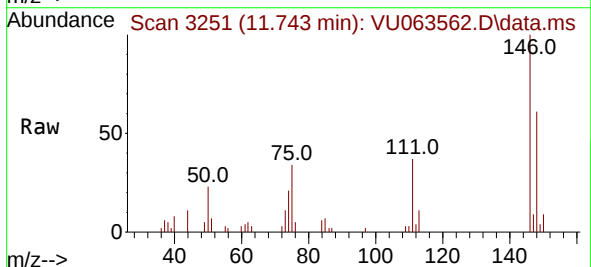
Tgt Ion:146 Resp: 10956

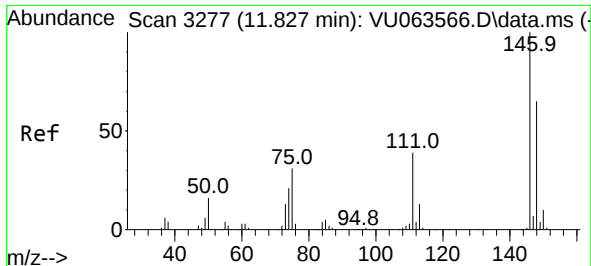
Ion Ratio Lower Upper

146 100

111 41.5 32.7 49.1

148 64.8 50.4 75.6

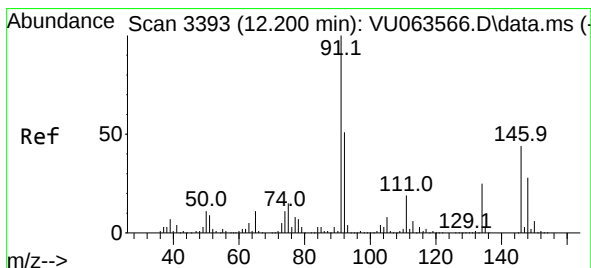
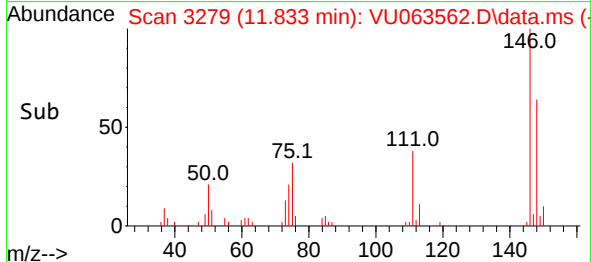
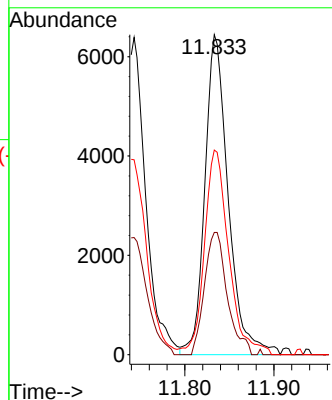
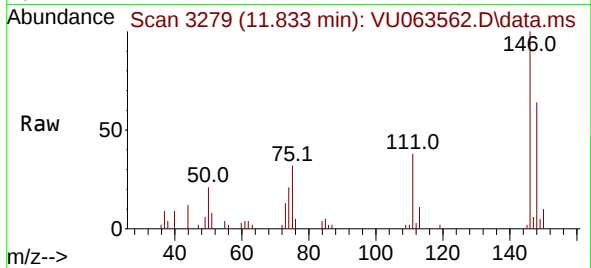




#83
1,4-Dichlorobenzene
Concen: 0.576 ug/l
RT: 11.833 min Scan# 311
Delta R.T. 0.006 min
Lab File: VU063562.D
Acq: 12 Sep 2025 09:13

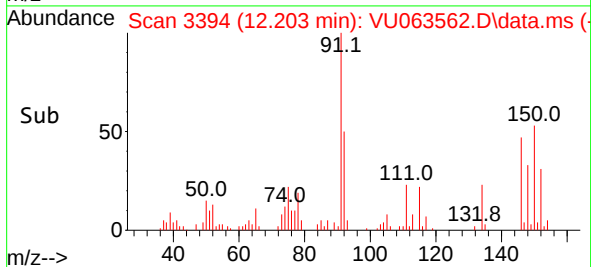
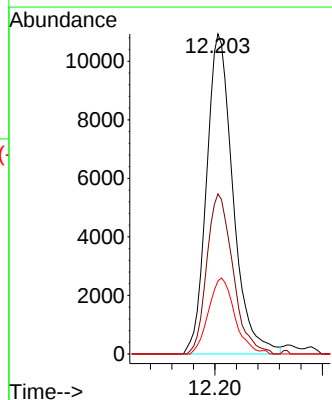
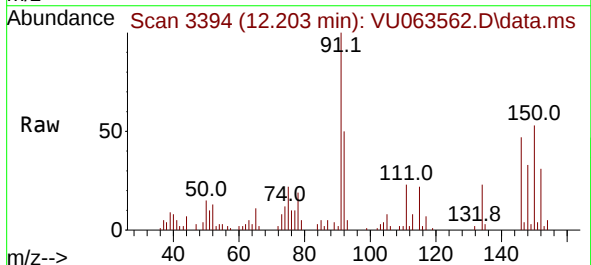
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

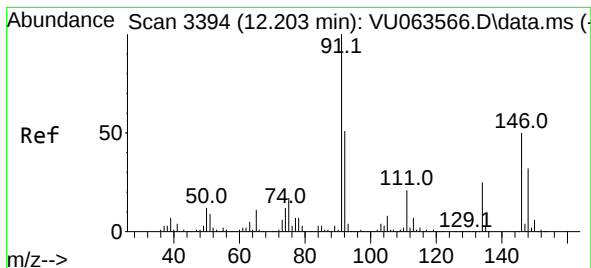
Tgt Ion:146 Resp: 11735
Ion Ratio Lower Upper
146 100
111 37.2 31.6 47.4
148 66.6 51.8 77.8



#84
n-Butylbenzene
Concen: 0.508 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. 0.003 min
Lab File: VU063562.D
Acq: 12 Sep 2025 09:13

Tgt Ion: 91 Resp: 18663
Ion Ratio Lower Upper
91 100
92 49.3 41.3 61.9
134 23.5 19.9 29.9





#85

1,2-Dichlorobenzene

Concen: 0.548 ug/l

RT: 12.209 min Scan# 31

Delta R.T. 0.006 min

Lab File: VU063562.D

Acq: 12 Sep 2025 09:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

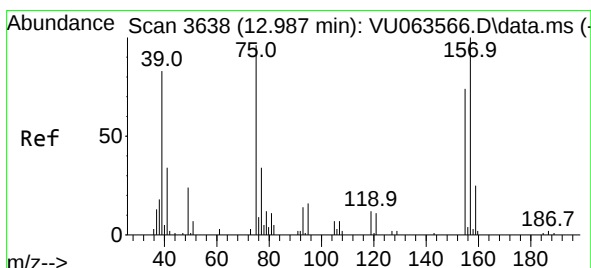
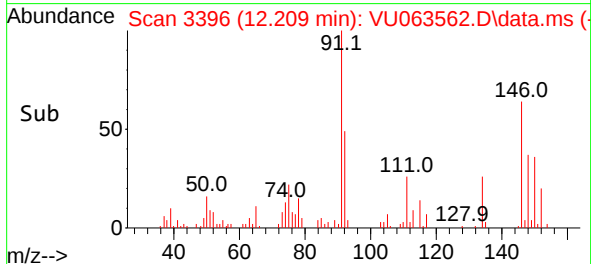
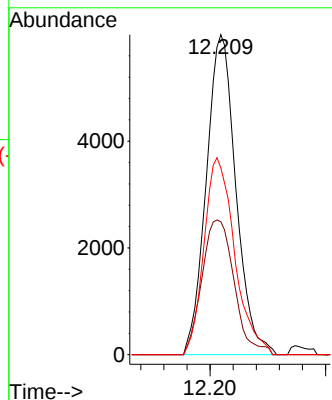
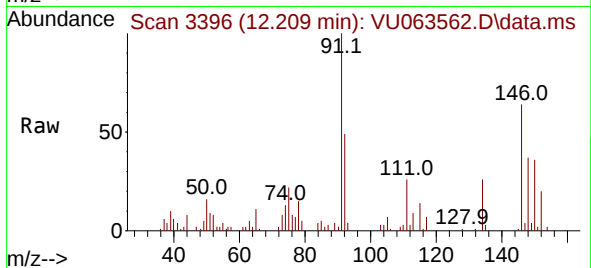
Tgt Ion:146 Resp: 10691

Ion Ratio Lower Upper

146 100

111 45.7 21.0 63.0

148 63.7 31.8 95.3



#86

1,2-Dibromo-3-Chloropropane

Concen: 0.436 ug/l

RT: 12.991 min Scan# 3639

Delta R.T. 0.003 min

Lab File: VU063562.D

Acq: 12 Sep 2025 09:13

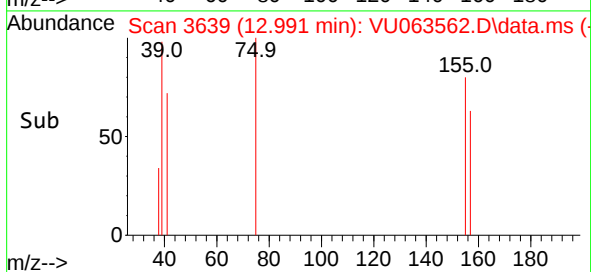
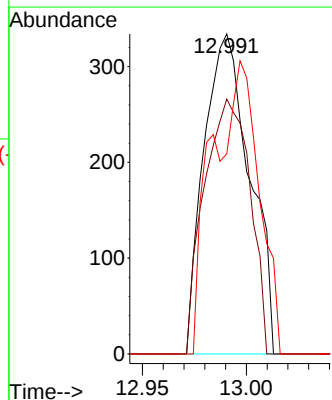
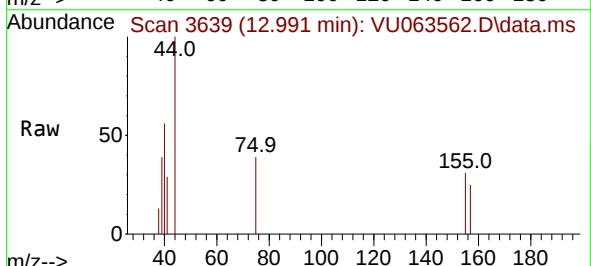
Tgt Ion: 75 Resp: 512

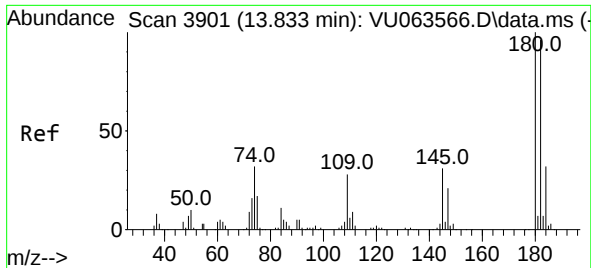
Ion Ratio Lower Upper

75 100

155 79.5 64.1 96.1

157 62.7 84.2 126.4#

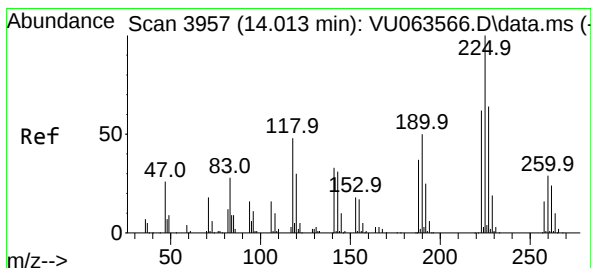
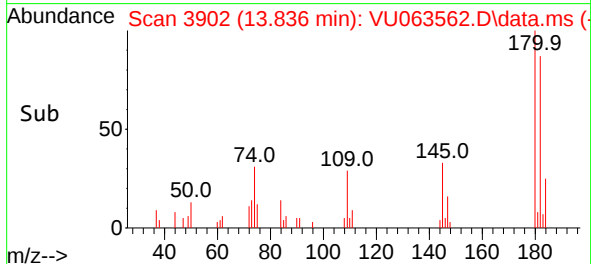
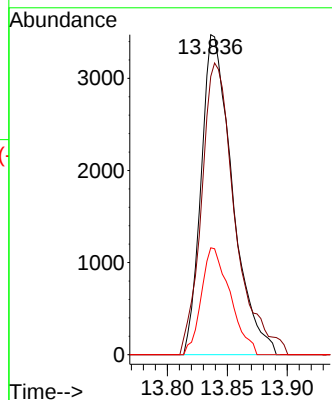
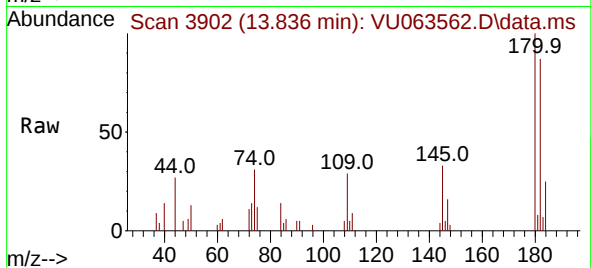




#87
 1,2,4-Trichlorobenzene
 Concen: 0.551 ug/l
 RT: 13.836 min Scan# 3901
 Delta R.T. 0.003 min
 Lab File: VU063562.D
 Acq: 12 Sep 2025 09:13

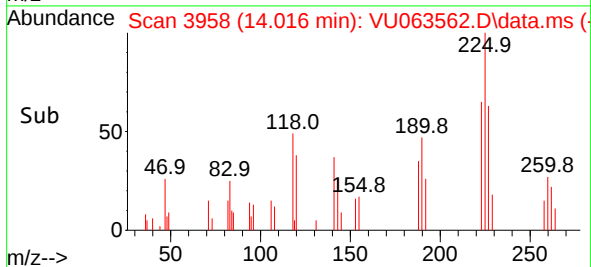
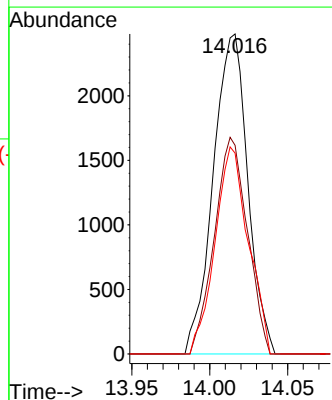
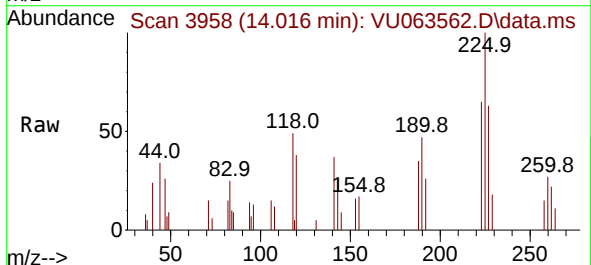
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

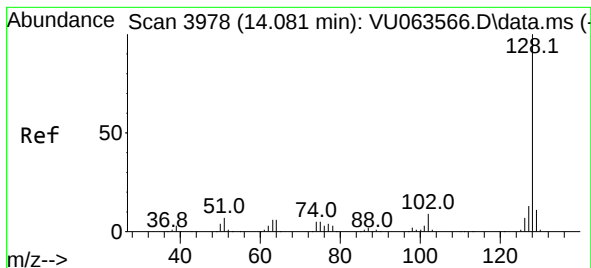
Tgt Ion:180 Resp: 6309
 Ion Ratio Lower Upper
 180 100
 182 97.4 77.1 115.7
 145 30.8 25.0 37.4



#88
 Hexachlorobutadiene
 Concen: 0.547 ug/l
 RT: 14.016 min Scan# 3958
 Delta R.T. 0.003 min
 Lab File: VU063562.D
 Acq: 12 Sep 2025 09:13

Tgt Ion:225 Resp: 3815
 Ion Ratio Lower Upper
 225 100
 223 64.8 50.2 75.2
 227 62.5 51.6 77.4





#89

Naphthalene

Concen: 0.571 ug/l

RT: 14.093 min Scan# 3982

Delta R.T. 0.013 min

Lab File: VU063562.D

Acq: 12 Sep 2025 09:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

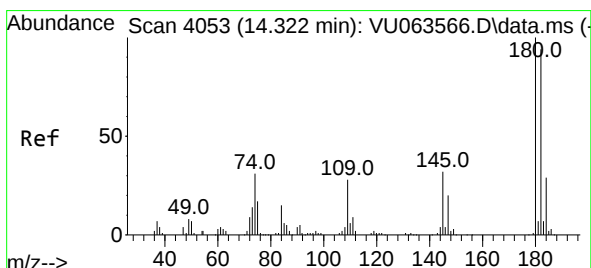
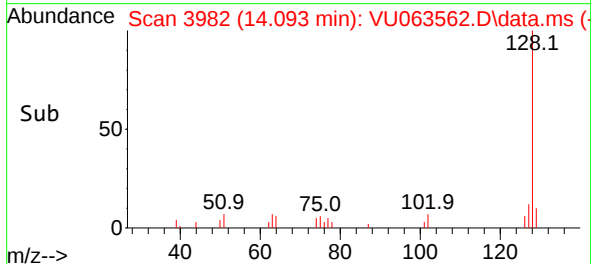
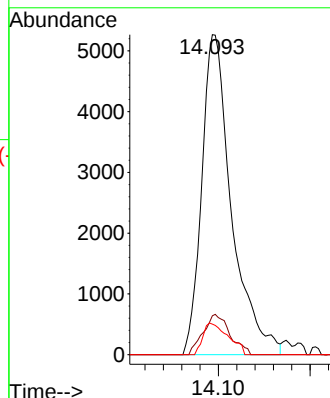
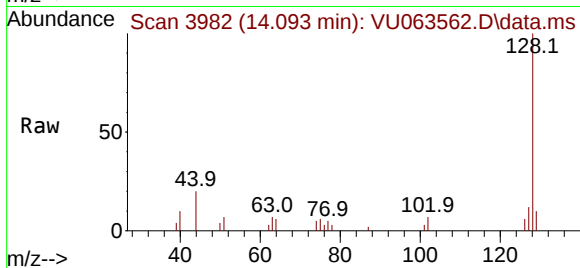
Tgt Ion:128 Resp: 11883

Ion Ratio Lower Upper

128 100

127 11.3 10.2 15.4

129 8.4 8.6 13.0#



#90

1,2,3-Trichlorobenzene

Concen: 0.572 ug/l

RT: 14.328 min Scan# 4055

Delta R.T. 0.006 min

Lab File: VU063562.D

Acq: 12 Sep 2025 09:13

Tgt Ion:180 Resp: 6059

Ion Ratio Lower Upper

180 100

182 93.1 76.8 115.2

145 30.8 26.6 40.0

