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 Data File : VU063646.D
 Acq On : 25 Sep 2025 17:07
 Operator : MD/SY
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Quant Time: Sep 26 06:37:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 26 06:28:53 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.361	168	125707	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.238	114	231505	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.409	117	213713	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.804	152	96712	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.701	65	2131	-3.622	ug/l	0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	-7.240%#
35) Dibromofluoromethane	5.280	113	1399	1.116	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	2.240%#
50) Toluene-d8	7.894	98	5143	1.268	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	2.540%#
62) 4-Bromofluorobenzene	10.637	95	2331	1.281	ug/l	0.01
Spiked Amount	50.000	Range	83 - 123	Recovery	=	2.560%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	1139	0.973	ug/l	89
3) Chloromethane	1.515	50	1918	1.250	ug/l #	88
4) Vinyl Chloride	1.595	62	1855	1.061	ug/l #	86
5) Bromomethane	1.833	94	1996	1.561	ug/l	89
6) Chloroethane	1.917	64	1344	1.133	ug/l #	76
7) Trichlorofluoromethane	2.126	101	2893	1.126	ug/l	97
8) Diethyl Ether	2.370	74	1160	1.152	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.566	101	1556	1.111	ug/l	93
10) Methyl Iodide	2.708	142	889	0.512	ug/l #	92
11) Tert butyl alcohol	3.171	59	3463	Below Cal	#	81
12) 1,1-Dichloroethene	2.566	96	1601	1.156	ug/l #	80
13) Acrolein	2.480	56	515	8.130	ug/l	94
14) Allyl chloride	2.910	41	2009	0.979	ug/l #	39
15) Acrylonitrile	3.322	53	3862	3.942	ug/l	92
16) Acetone	2.615	43	8722	Below Cal		97
17) Carbon Disulfide	2.779	76	2721	0.961	ug/l	99
18) Methyl Acetate	2.946	43	2297	1.000	ug/l #	82
19) Methyl tert-butyl Ether	3.354	73	4553	1.066	ug/l	97
21) trans-1,2-Dichloroethene	3.351	96	1377	1.012	ug/l #	79
22) Diisopropyl ether	3.991	45	4385	1.038	ug/l #	1
23) Vinyl Acetate	3.988	43	10826	3.514	ug/l #	91
24) 1,1-Dichloroethane	3.853	63	1363	0.514	ug/l #	83
25) 2-Butanone	4.753	43	3137	2.532	ug/l #	86
26) 2,2-Dichloropropane	4.647	77	1621	0.956	ug/l	95
27) cis-1,2-Dichloroethene	4.669	96	1843	1.087	ug/l	88
28) Bromochloromethane	4.965	49	680	0.592	ug/l #	83
29) Tetrahydrofuran	5.055	42	4048	4.758	ug/l #	79
30) Chloroform	5.074	83	3005	1.061	ug/l	95
31) Cyclohexane	5.367	56	5212	2.169	ug/l #	42
32) 1,1,1-Trichloroethane	5.306	97	2341	1.055	ug/l #	39
36) 1,1-Dichloropropene	5.528	75	1934	0.984	ug/l #	76
37) Ethyl Acetate	4.753	43	3137	1.167	ug/l #	71
38) Carbon Tetrachloride	5.502	117	1895	1.021	ug/l #	86
39) Methylcyclohexane	6.753	83	2373	0.960	ug/l	87
40) Benzene	5.769	78	6272	0.983	ug/l	98
42) 1,2-Dichloroethane	5.791	62	2424	1.039	ug/l #	77

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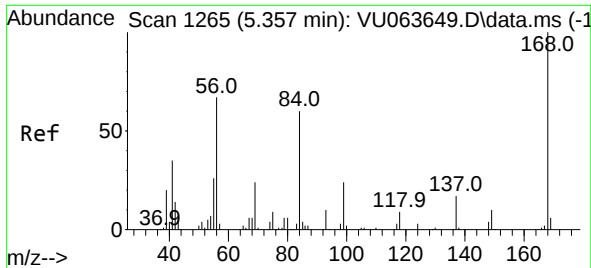
Instrument :
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 ClientSampleId :
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092625W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Isopropyl Acetate	5.926	43	2279	0.684	ug/l #	82
44) Trichloroethene	6.534	130	1651	0.997	ug/l	87
45) 1,2-Dichloropropane	6.788	63	1579	0.984	ug/l #	84
46) Dibromomethane	6.910	93	1243	0.999	ug/l #	89
47) Bromodichloromethane	7.094	83	1842	0.903	ug/l #	91
48) Methyl methacrylate	6.978	41	1364	0.765	ug/l	87
49) 1,4-Dioxane	6.984	88	715	15.225	ug/l #	64
51) 4-Methyl-2-Pentanone	7.788	43	11748	4.461	ug/l	98
52) Toluene	7.965	92	3325	0.858	ug/l	83
53) t-1,3-Dichloropropene	8.216	75	1407	0.865	ug/l #	84
54) cis-1,3-Dichloropropene	7.602	75	1506	0.781	ug/l #	89
55) 1,1,2-Trichloroethane	8.396	97	1563	0.980	ug/l	96
56) Ethyl methacrylate	8.338	69	1407	1.315	ug/l #	77
57) 1,3-Dichloropropane	8.566	76	2645	0.982	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.489	63	46	4.162	ug/l #	52
59) 2-Hexanone	8.692	43	8248	4.270	ug/l	89
60) Dibromochloromethane	8.798	129	1167	0.803	ug/l	87
61) 1,2-Dibromoethane	8.917	107	1352	0.843	ug/l	95
64) Tetrachloroethene	8.544	164	1641	1.040	ug/l #	81
65) Chlorobenzene	9.441	112	4344	0.989	ug/l	89
66) 1,1,1,2-Tetrachloroethane	9.524	131	1047	0.827	ug/l #	62
67) Ethyl Benzene	9.563	91	7378	1.001	ug/l	94
68) m/p-Xylenes	9.695	106	4949	1.799	ug/l	99
69) o-Xylene	10.097	106	2273	0.853	ug/l	77
70) Styrene	10.119	104	3609	0.835	ug/l #	79
71) Bromoform	10.293	173	705	5.071	ug/l #	67
73) Isopropylbenzene	10.479	105	6217	1.012	ug/l	95
74) N-amyl acetate	10.338	43	1344	0.630	ug/l #	72
75) 1,1,2,2-Tetrachloroethane	10.772	83	2402	1.059	ug/l	92
76) 1,2,3-Trichloropropane	10.817	75	2581	1.103	ug/l #	100
77) Bromobenzene	10.788	156	1691	1.081	ug/l	97
78) n-propylbenzene	10.901	91	7482	1.031	ug/l	89
79) 2-Chlorotoluene	10.987	91	5230	1.132	ug/l	88
80) 1,3,5-Trimethylbenzene	11.084	105	4917	0.948	ug/l	94
81) trans-1,4-Dichloro-2-b...	10.547	75	147	0.398	ug/l #	43
82) 4-Chlorotoluene	11.097	91	4928	0.971	ug/l	99
83) tert-Butylbenzene	11.412	119	4916	0.985	ug/l	99
84) 1,2,4-Trimethylbenzene	11.466	105	4991	0.977	ug/l	100
85) sec-Butylbenzene	11.637	105	6393	0.981	ug/l	97
86) p-Isopropyltoluene	11.785	119	5030	0.939	ug/l	96
87) 1,3-Dichlorobenzene	11.746	146	3017	1.035	ug/l	93
88) 1,4-Dichlorobenzene	11.746	146	3017	0.987	ug/l	93
89) n-Butylbenzene	12.209	91	3961	0.830	ug/l	94
90) Hexachloroethane	12.463	117	354	3.750	ug/l #	44
91) 1,2-Dichlorobenzene	12.212	146	2961	1.040	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	13.000	75	299	0.711	ug/l #	63
93) 1,2,4-Trichlorobenzene	13.849	180	1147	0.703	ug/l	98
94) Hexachlorobutadiene	14.016	225	828	1.008	ug/l	94
95) Naphthalene	14.116	128	3432	1.478	ug/l #	80
96) 1,2,3-Trichlorobenzene	14.344	180	1323	0.809	ug/l	93

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

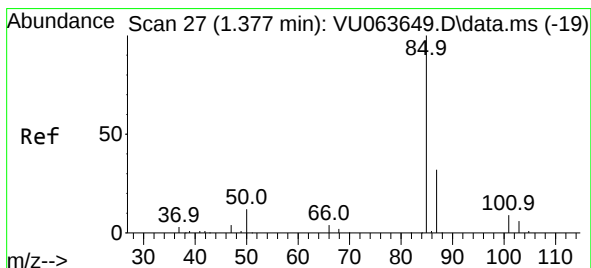
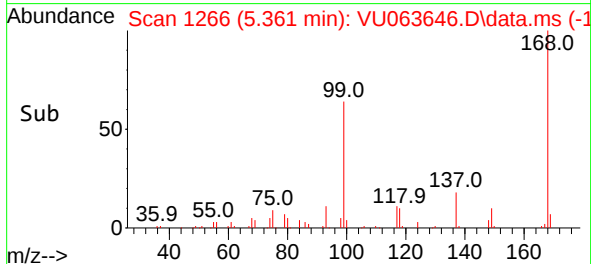
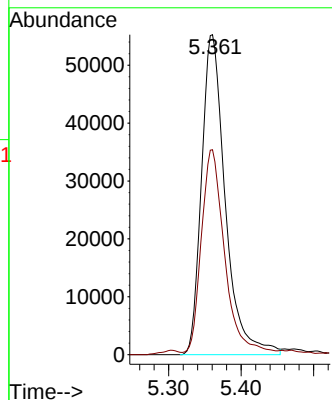
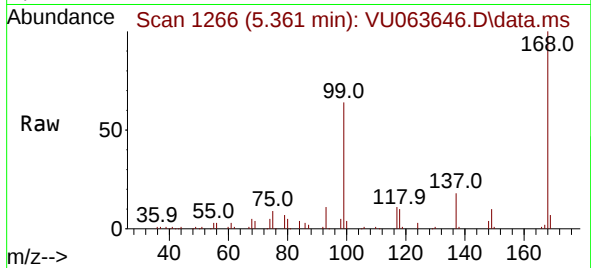
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.361 min Scan# 11
Delta R.T. 0.004 min
Lab File: VU063646.D
Acq: 25 Sep 2025 17:07

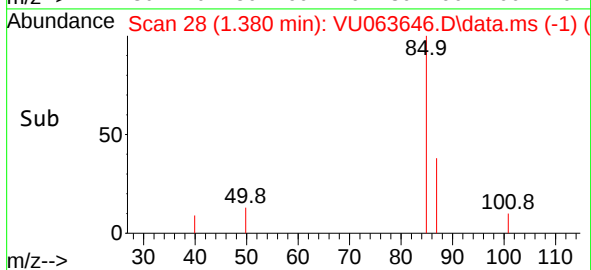
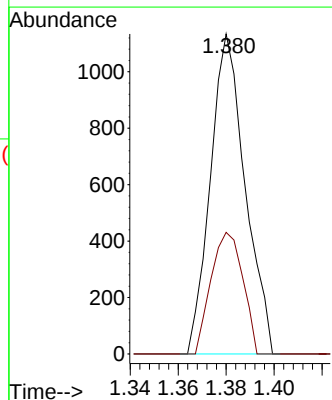
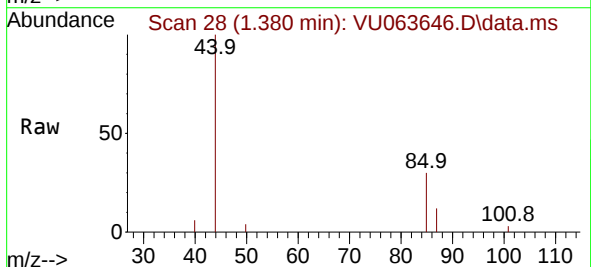
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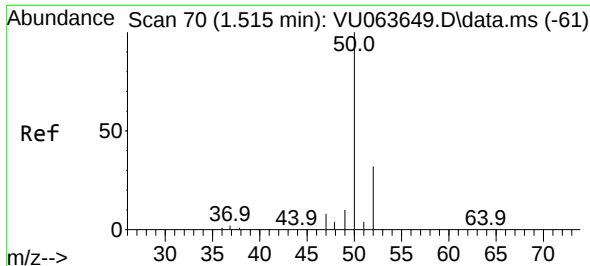
Tgt Ion:168 Resp: 125707
Ion Ratio Lower Upper
168 100
99 63.3 48.7 73.1



#2
Dichlorodifluoromethane
Concen: 0.973 ug/l
RT: 1.380 min Scan# 28
Delta R.T. 0.003 min
Lab File: VU063646.D
Acq: 25 Sep 2025 17:07

Tgt Ion: 85 Resp: 1139
Ion Ratio Lower Upper
85 100
87 38.0 16.1 48.2

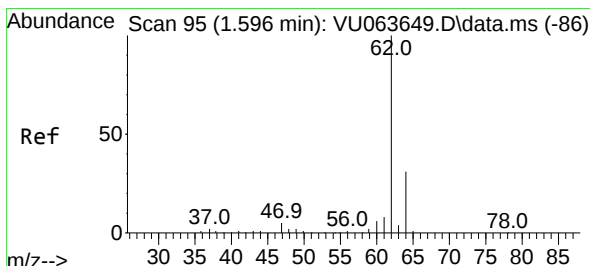
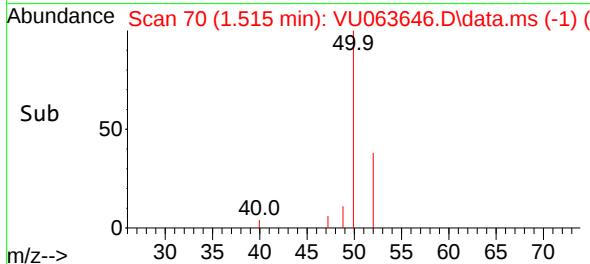
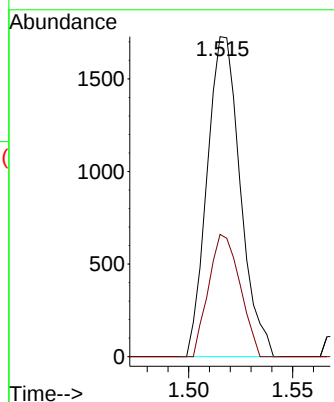
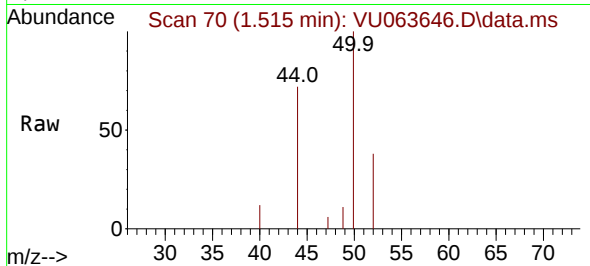




#3
Chloromethane
Concen: 1.250 ug/l
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU063646.D
Acq: 25 Sep 2025 17:07

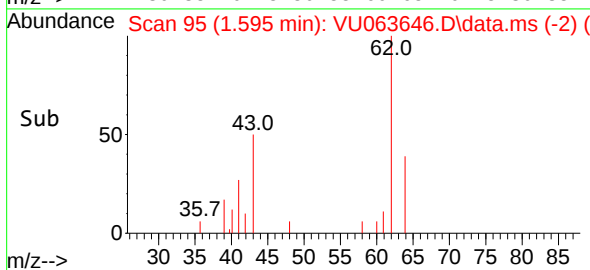
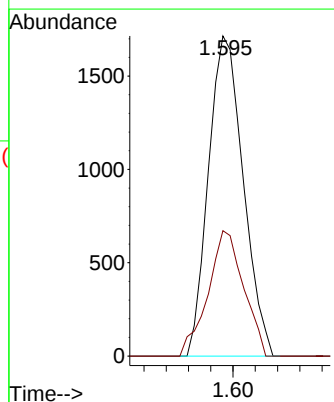
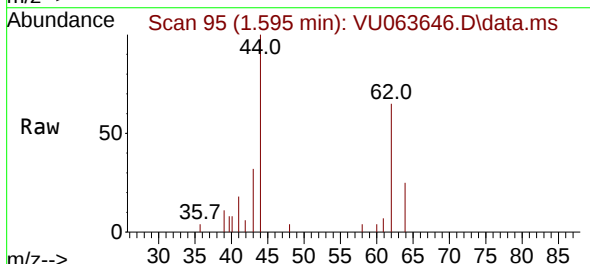
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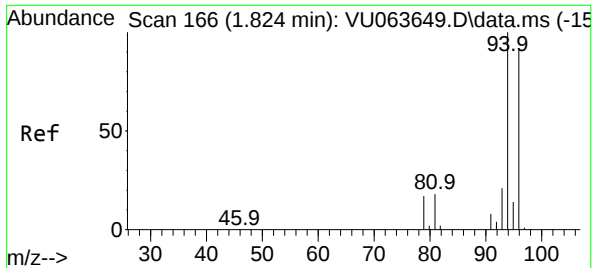
Tgt Ion: 50 Resp: 1918
Ion Ratio Lower Upper
50 100
52 38.2 25.4 38.0#



#4
Vinyl Chloride
Concen: 1.061 ug/l
RT: 1.595 min Scan# 95
Delta R.T. -0.000 min
Lab File: VU063646.D
Acq: 25 Sep 2025 17:07

Tgt Ion: 62 Resp: 1855
Ion Ratio Lower Upper
62 100
64 39.2 25.2 37.8#

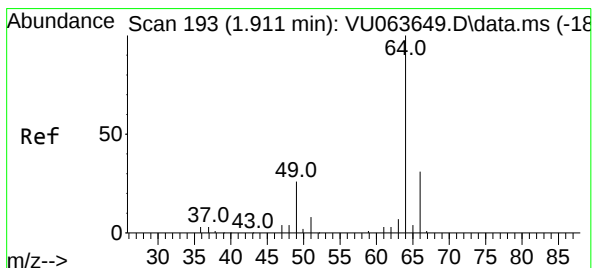
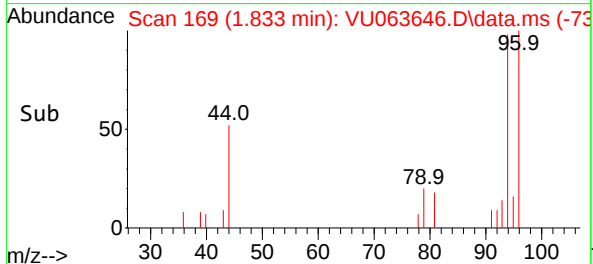
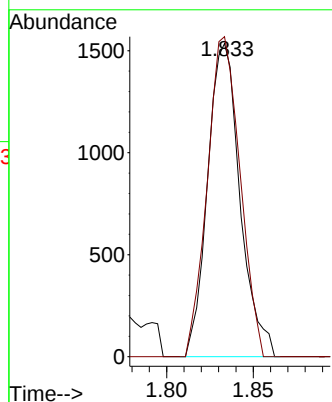
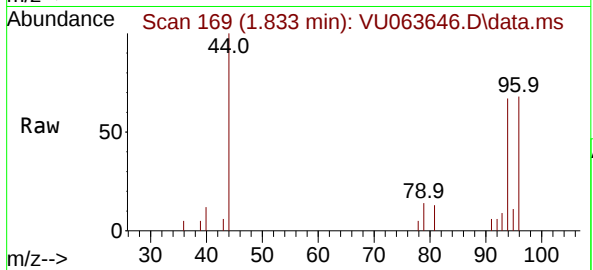




#5
Bromomethane
Concen: 1.561 ug/l
RT: 1.833 min Scan# 1
Delta R.T. 0.010 min
Lab File: VU063646.D
Acq: 25 Sep 2025 17:07

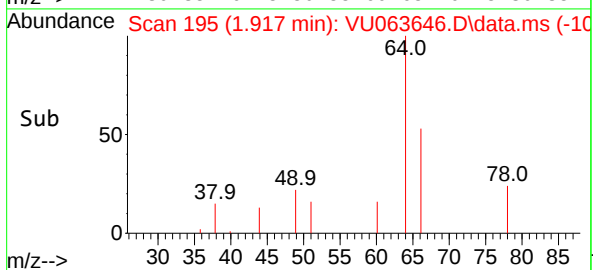
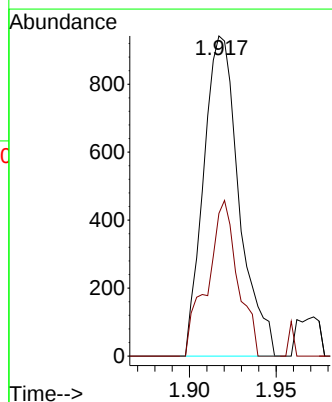
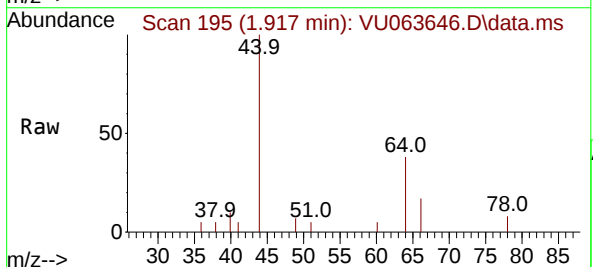
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ClientSampleId :
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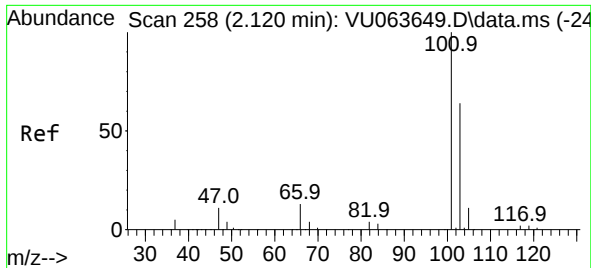
Tgt Ion: 94 Resp: 1996
Ion Ratio Lower Upper
94 100
96 102.2 73.7 110.5



#6
Chloroethane
Concen: 1.133 ug/l
RT: 1.917 min Scan# 195
Delta R.T. 0.006 min
Lab File: VU063646.D
Acq: 25 Sep 2025 17:07

Tgt Ion: 64 Resp: 1344
Ion Ratio Lower Upper
64 100
66 44.6 24.9 37.3#

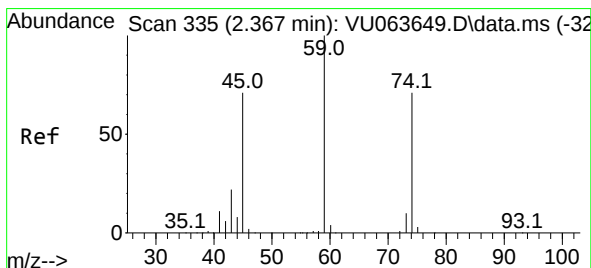
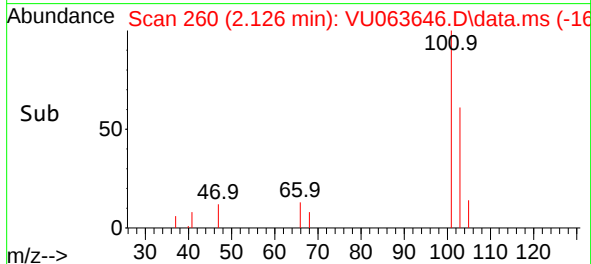
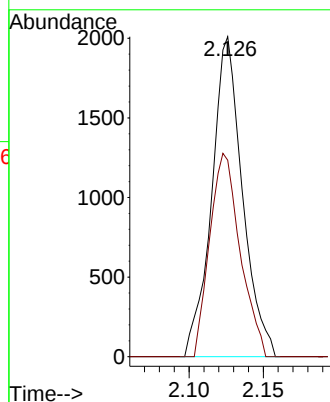
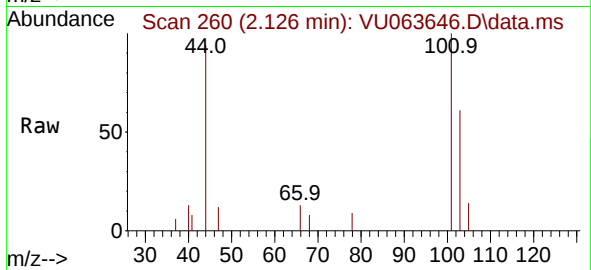




#7
Trichlorofluoromethane
Concen: 1.126 ug/l
RT: 2.126 min Scan# 210
Delta R.T. 0.006 min
Lab File: VU063646.D
Acq: 25 Sep 2025 17:07

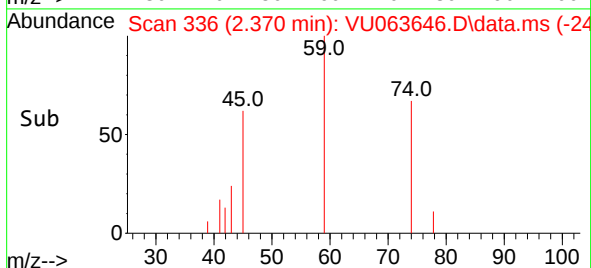
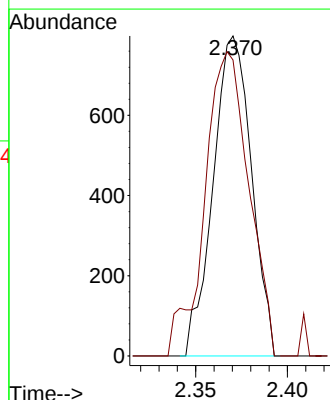
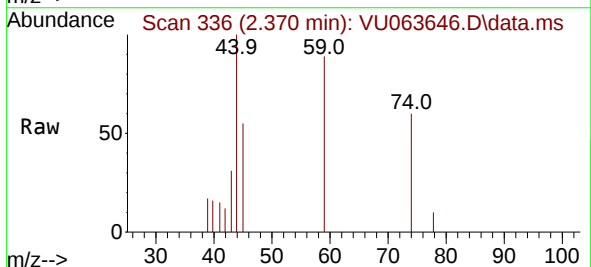
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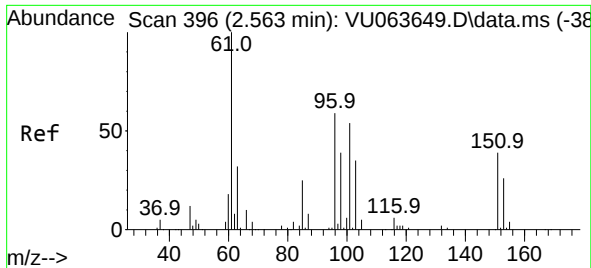
Tgt Ion:101 Resp: 2893
Ion Ratio Lower Upper
101 100
103 61.4 51.3 76.9



#8
Diethyl Ether
Concen: 1.152 ug/l
RT: 2.370 min Scan# 336
Delta R.T. 0.003 min
Lab File: VU063646.D
Acq: 25 Sep 2025 17:07

Tgt Ion: 74 Resp: 1160
Ion Ratio Lower Upper
74 100
45 109.5 50.1 150.4

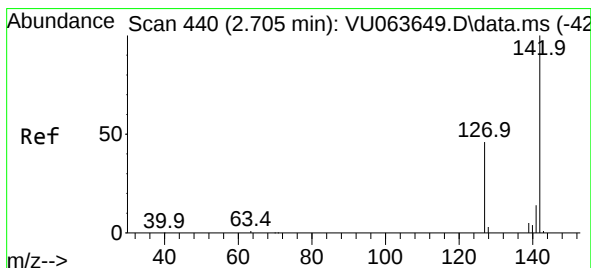
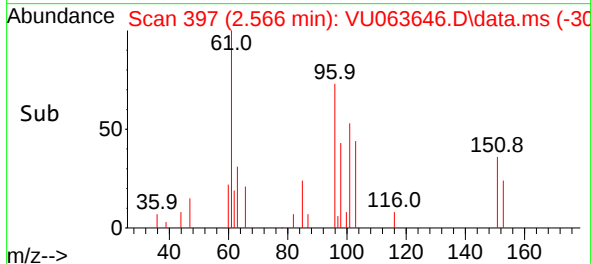
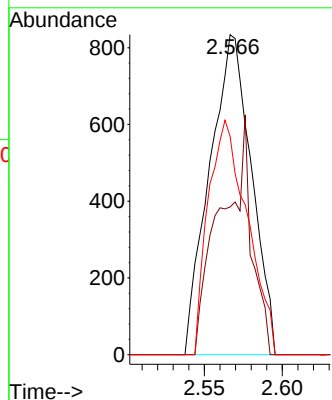
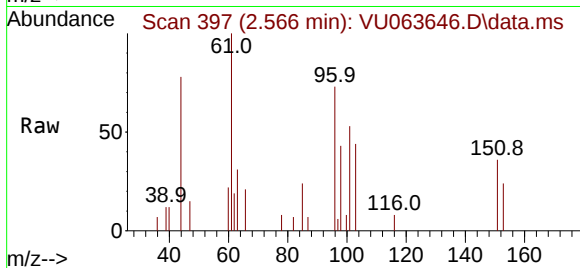




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.111 ug/l
RT: 2.566 min Scan# 396
Delta R.T. 0.003 min
Lab File: VU063646.D
Acq: 25 Sep 2025 17:07

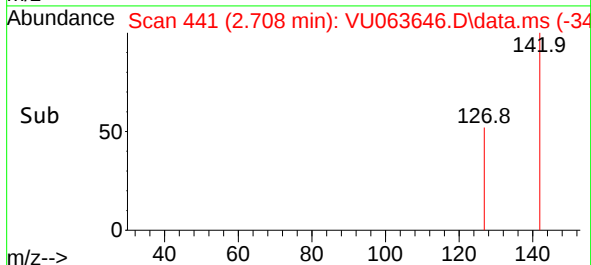
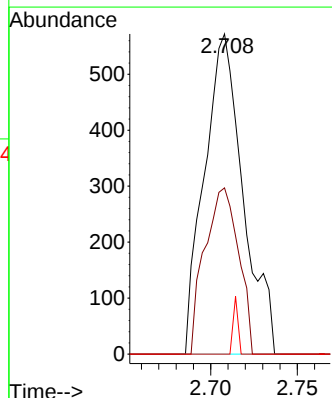
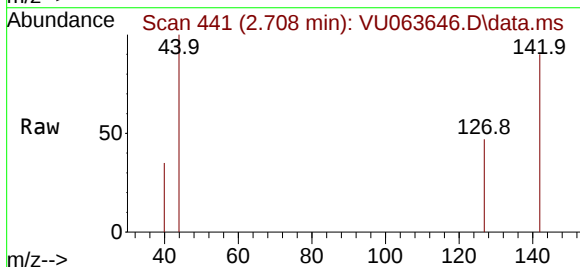
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ClientSampleId :
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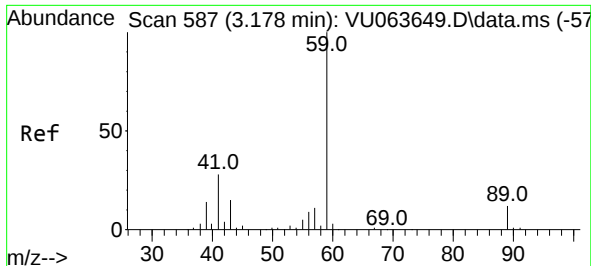
Tgt Ion:101 Resp: 1556
Ion Ratio Lower Upper
101 100
85 54.0 36.8 55.2
151 68.4 57.2 85.8



#10
Methyl Iodide
Concen: 0.512 ug/l
RT: 2.708 min Scan# 441
Delta R.T. 0.003 min
Lab File: VU063646.D
Acq: 25 Sep 2025 17:07

Tgt Ion:142 Resp: 889
Ion Ratio Lower Upper
142 100
127 45.3 37.1 55.7
141 2.2 11.2 16.8#

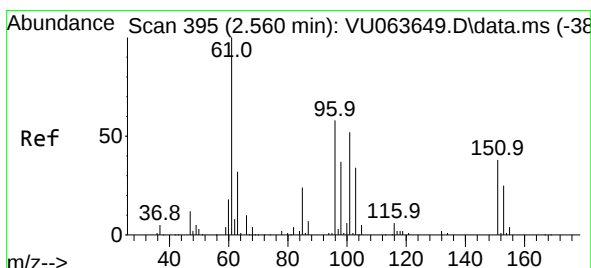
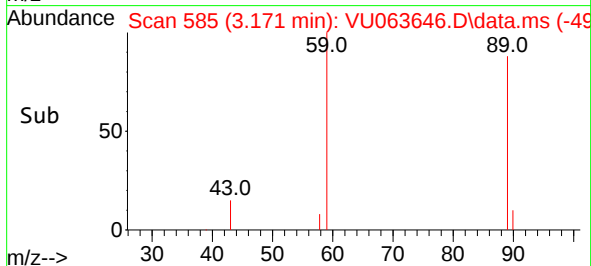
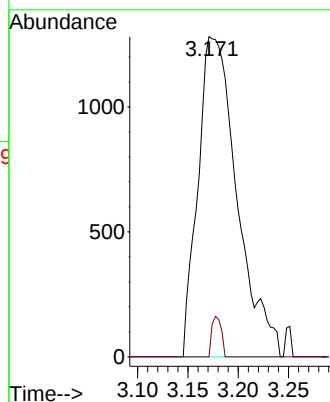
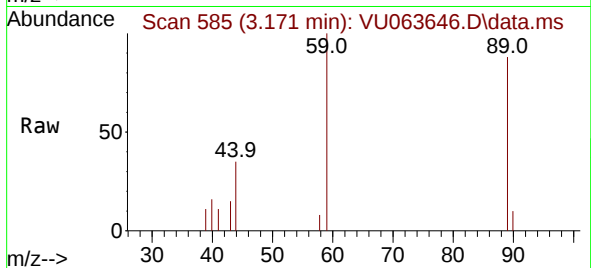




#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.171 min Scan# 585
Delta R.T. -0.007 min
Lab File: VU063646.D
Acq: 25 Sep 2025 17:07

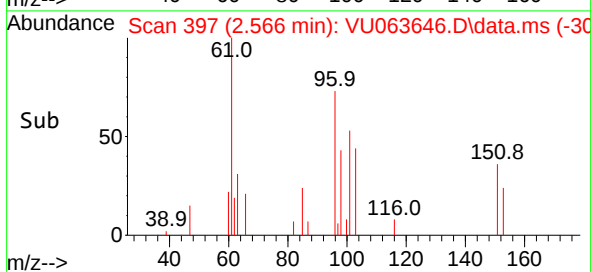
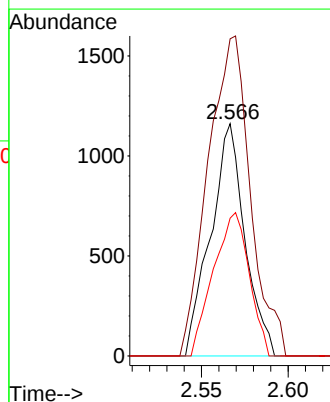
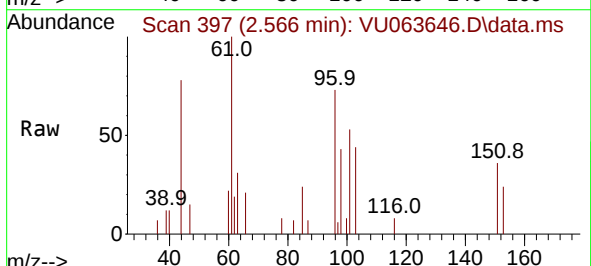
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

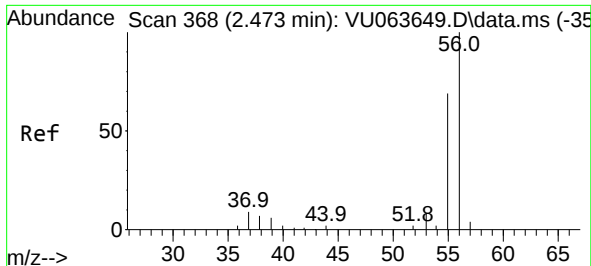
Tgt Ion: 59 Resp: 3463
Ion Ratio Lower Upper
59 100
57 3.0 8.2 12.2#



#12
1,1-Dichloroethene
Concen: 1.156 ug/l
RT: 2.566 min Scan# 397
Delta R.T. 0.006 min
Lab File: VU063646.D
Acq: 25 Sep 2025 17:07

Tgt Ion: 96 Resp: 1601
Ion Ratio Lower Upper
96 100
61 136.5 137.5 206.3#
98 59.3 51.3 76.9





#13

Acrolein

Concen: 8.130 ug/l

RT: 2.480 min Scan# 31

Delta R.T. 0.006 min

Lab File: VU063646.D

Acq: 25 Sep 2025 17:07

Instrument :

MSVOA_U

ClientSampleId :

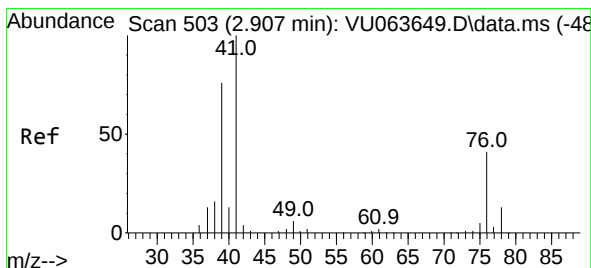
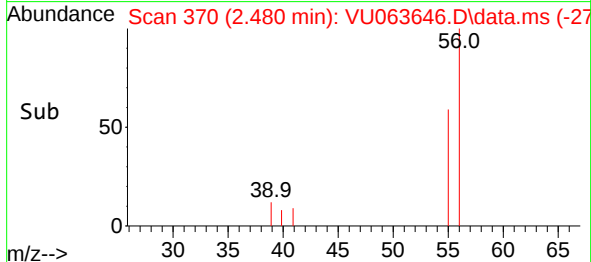
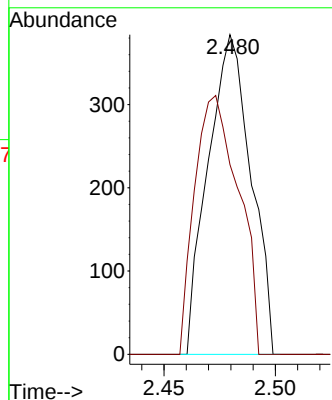
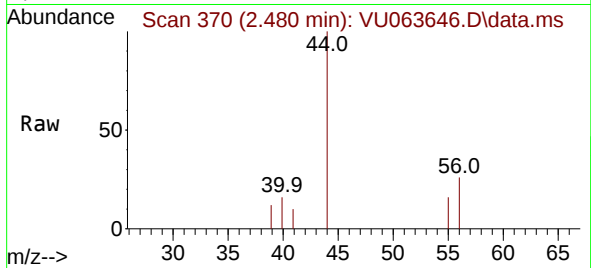
VSTDICC001

Tgt Ion: 56 Resp: 515

Ion Ratio Lower Upper

56 100

55 82.7 62.1 93.1



#14

Allyl chloride

Concen: 0.979 ug/l

RT: 2.910 min Scan# 504

Delta R.T. 0.003 min

Lab File: VU063646.D

Acq: 25 Sep 2025 17:07

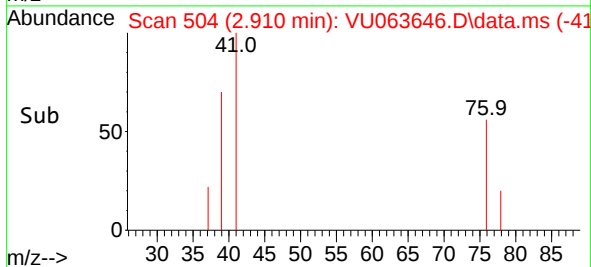
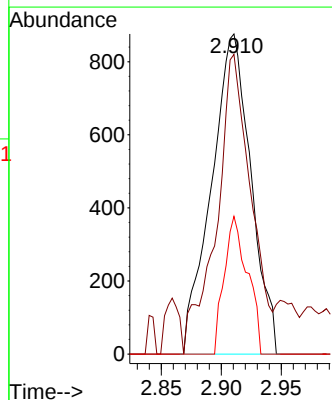
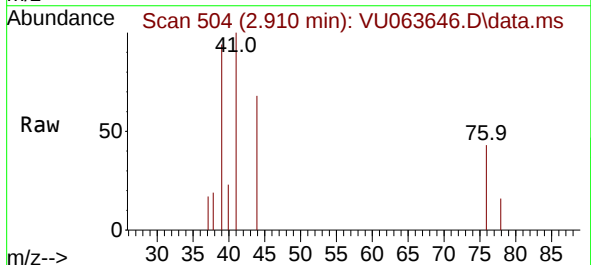
Tgt Ion: 41 Resp: 2009

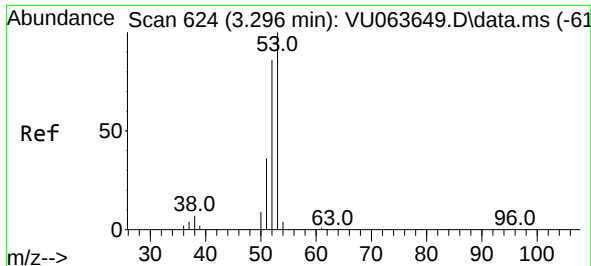
Ion Ratio Lower Upper

41 100

39 0.0 53.5 80.3#

76 25.2 26.7 40.1#





#15

Acrylonitrile

Concen: 3.942 ug/l

RT: 3.322 min Scan# 61

Delta R.T. 0.026 min

Lab File: VU063646.D

Acq: 25 Sep 2025 17:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

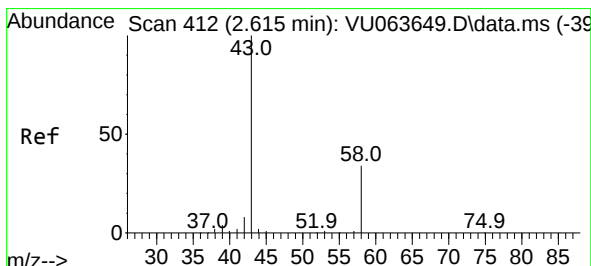
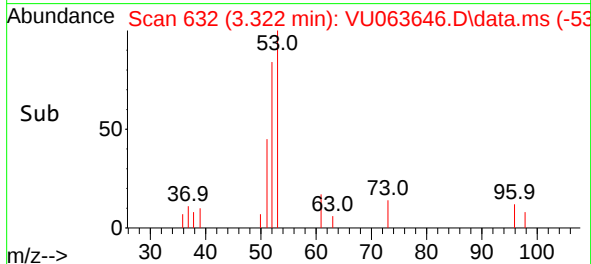
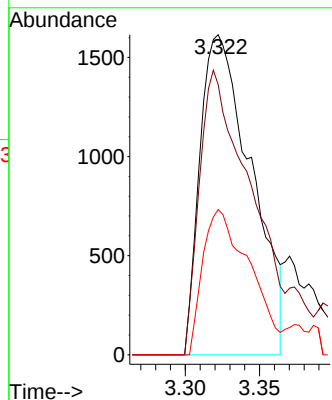
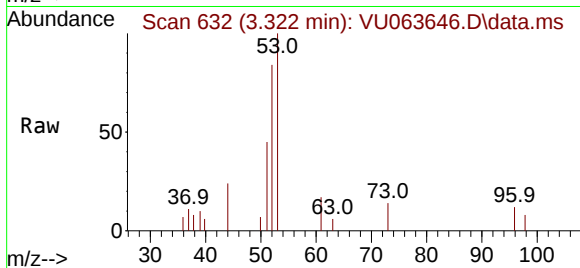
Tgt Ion: 53 Resp: 3862

Ion Ratio Lower Upper

53 100

52 89.3 66.6 99.8

51 41.8 28.9 43.3



#16

Acetone

Concen: Below Cal

RT: 2.615 min Scan# 412

Delta R.T. -0.000 min

Lab File: VU063646.D

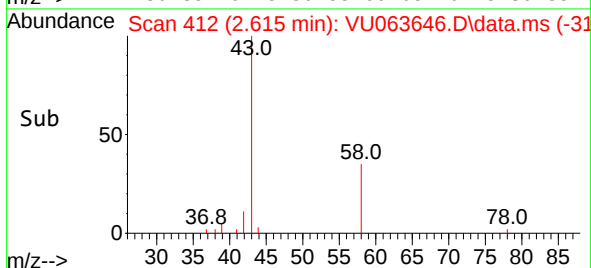
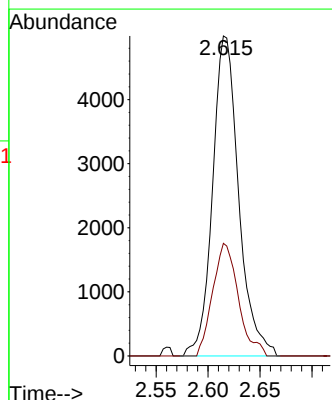
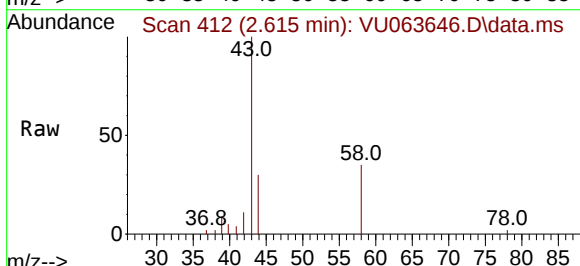
Acq: 25 Sep 2025 17:07

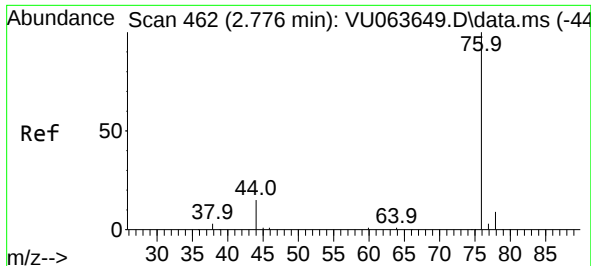
Tgt Ion: 43 Resp: 8722

Ion Ratio Lower Upper

43 100

58 35.2 26.9 40.3

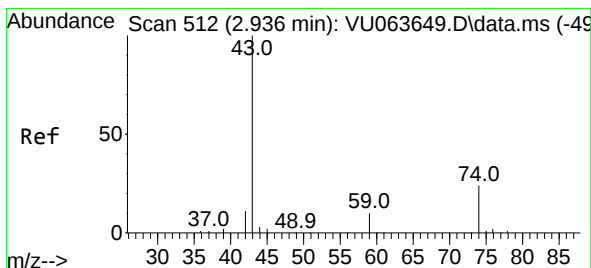
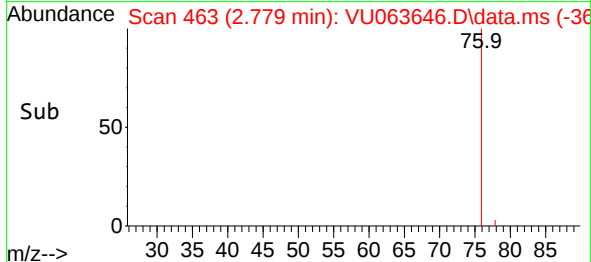
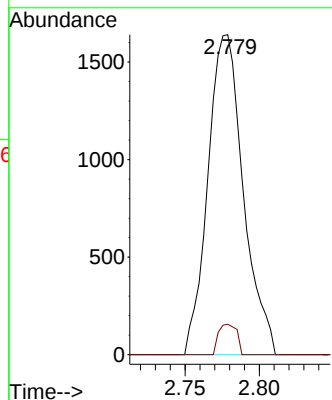
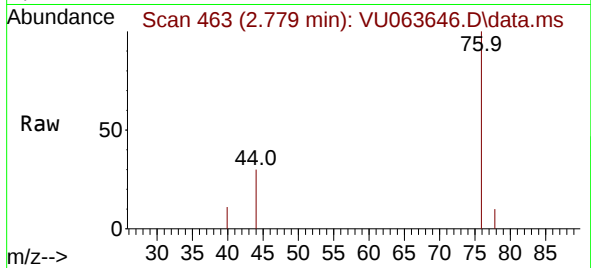




#17
Carbon Disulfide
Concen: 0.961 ug/l
RT: 2.779 min Scan# 462
Delta R.T. 0.003 min
Lab File: VU063646.D
Acq: 25 Sep 2025 17:07

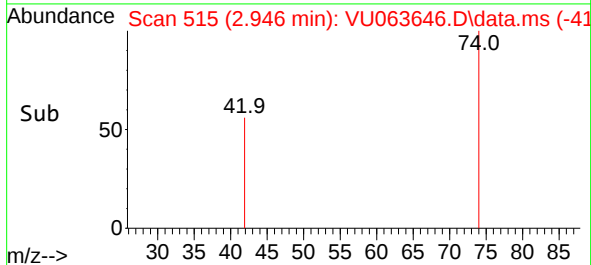
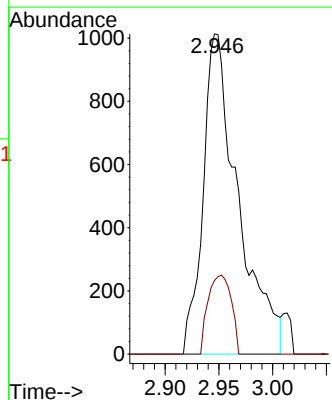
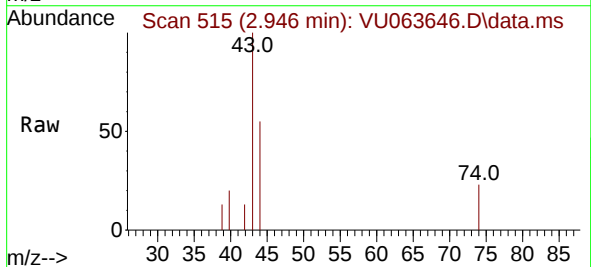
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

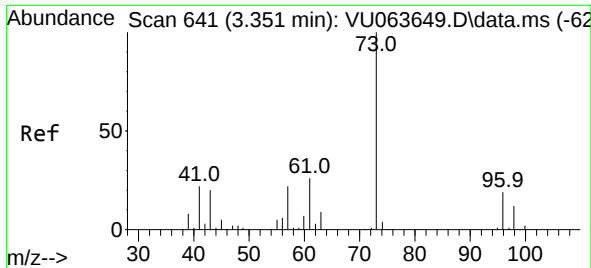
Tgt Ion: 76 Resp: 2721
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8



#18
Methyl Acetate
Concen: 1.000 ug/l
RT: 2.946 min Scan# 515
Delta R.T. 0.010 min
Lab File: VU063646.D
Acq: 25 Sep 2025 17:07

Tgt Ion: 43 Resp: 2297
Ion Ratio Lower Upper
43 100
74 16.2 20.1 30.1#

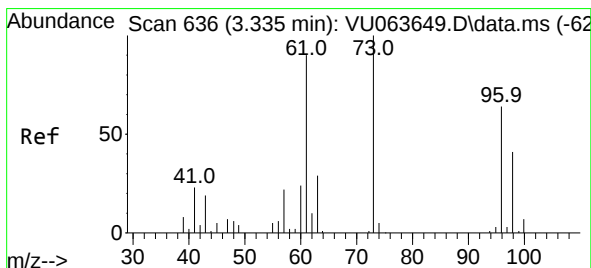
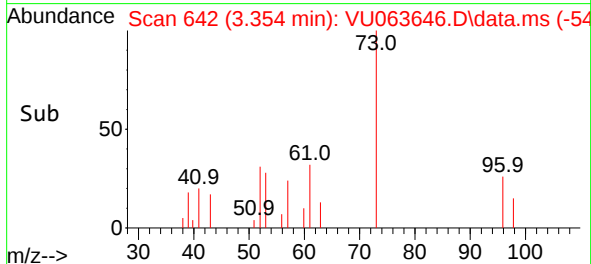
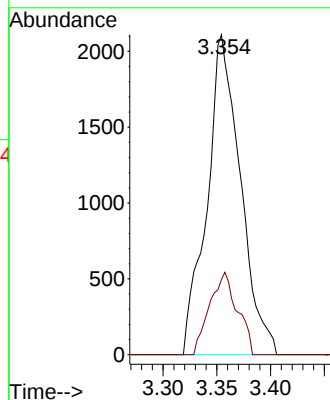
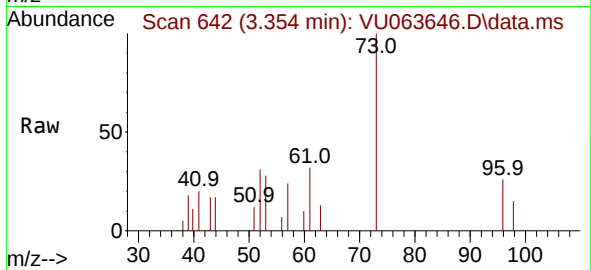




#19
Methyl tert-butyl Ether
Concen: 1.066 ug/l
RT: 3.354 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU063646.D
Acq: 25 Sep 2025 17:07

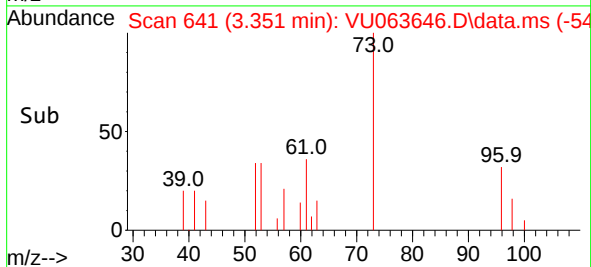
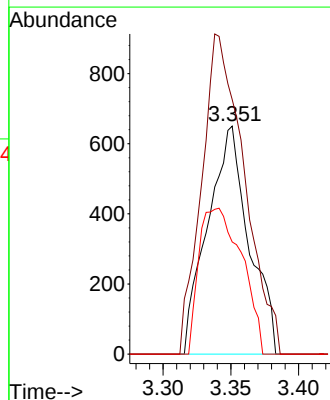
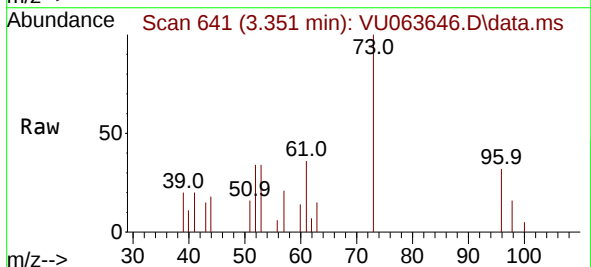
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

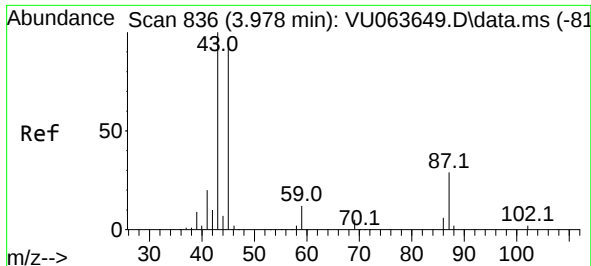
Tgt Ion: 73 Resp: 4553
Ion Ratio Lower Upper
73 100
57 23.5 17.6 26.4



#21
trans-1,2-Dichloroethene
Concen: 1.012 ug/l
RT: 3.351 min Scan# 641
Delta R.T. 0.016 min
Lab File: VU063646.D
Acq: 25 Sep 2025 17:07

Tgt Ion: 96 Resp: 1377
Ion Ratio Lower Upper
96 100
61 111.7 111.3 166.9
98 49.2 50.5 75.7#

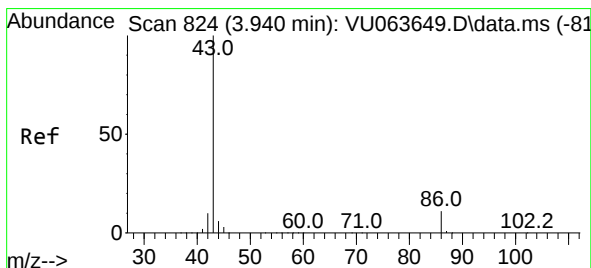
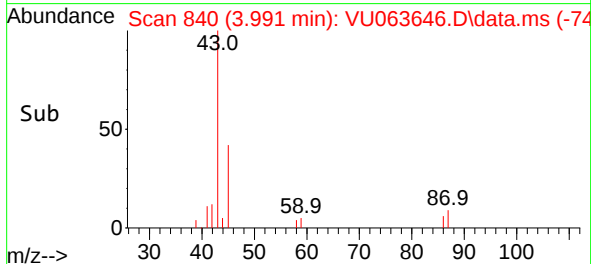
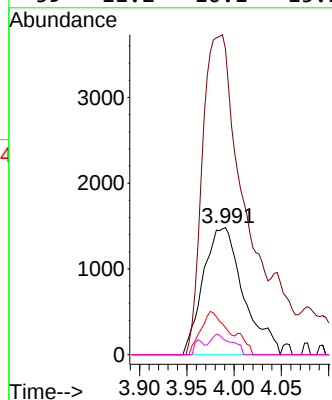
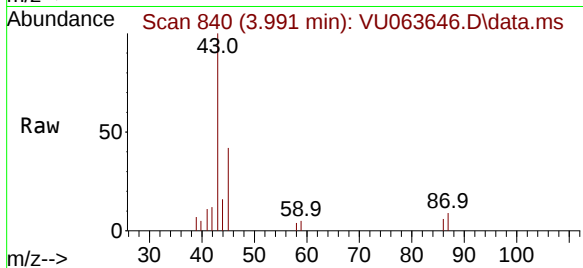




#22
Diisopropyl ether
Concen: 1.038 ug/l
RT: 3.991 min Scan# 840
Delta R.T. 0.013 min
Lab File: VU063646.D
Acq: 25 Sep 2025 17:07

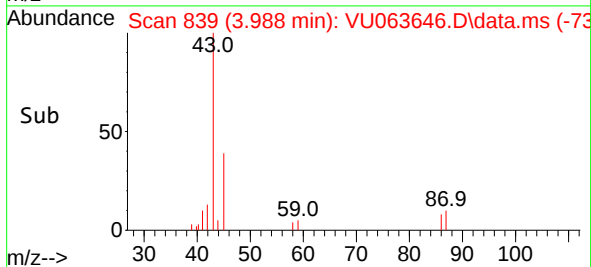
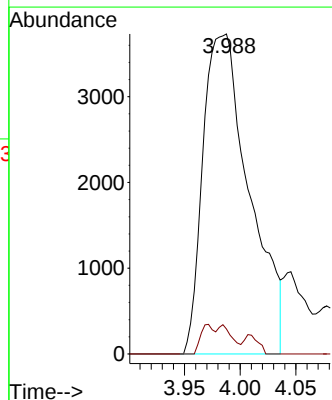
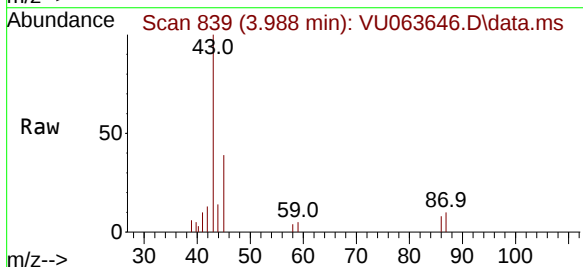
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

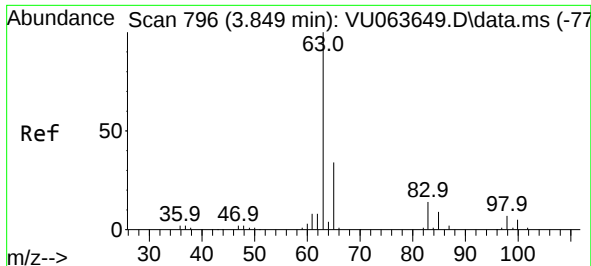
Tgt Ion:	45	Resp:	4385
Ion	Ratio	Lower	Upper
45	100		
43	240.6	82.1	123.1#
87	21.3	23.8	35.6#
59	11.2	10.1	15.1



#23
Vinyl Acetate
Concen: 3.514 ug/l
RT: 3.988 min Scan# 839
Delta R.T. 0.048 min
Lab File: VU063646.D
Acq: 25 Sep 2025 17:07

Tgt Ion:	43	Resp:	10826
Ion	Ratio	Lower	Upper
43	100		
86	7.8	8.9	13.3#

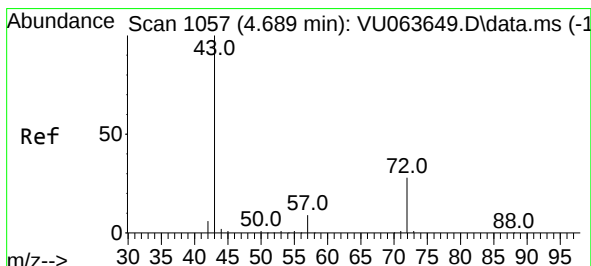
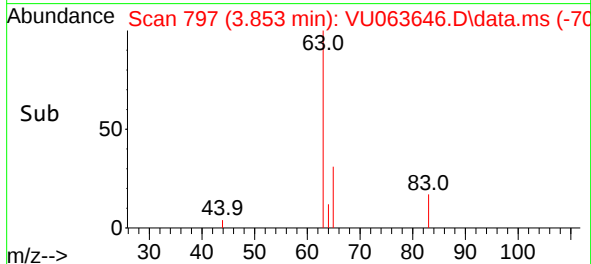
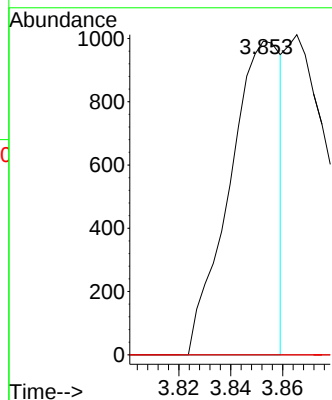
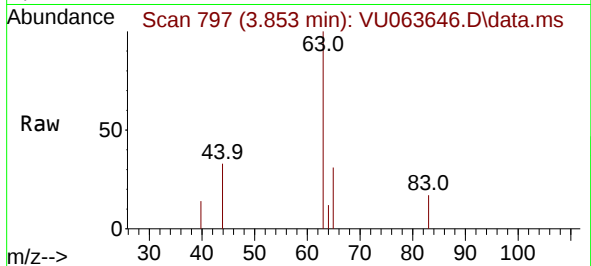




#24
1,1-Dichloroethane
Concen: 0.514 ug/l
RT: 3.853 min Scan# 796
Delta R.T. 0.003 min
Lab File: VU063646.D
Acq: 25 Sep 2025 17:07

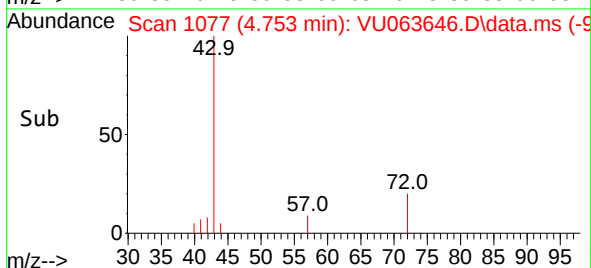
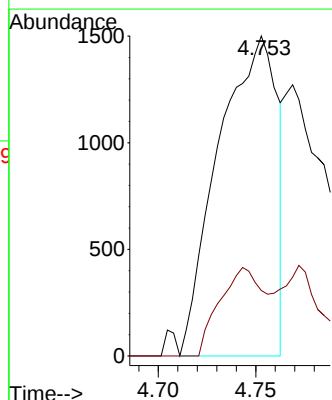
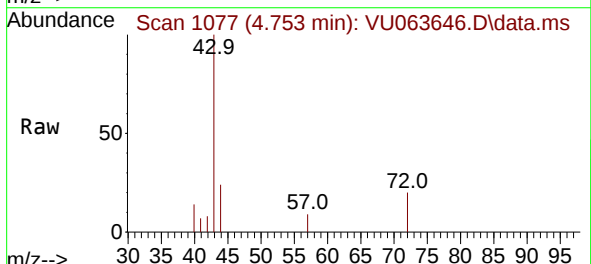
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

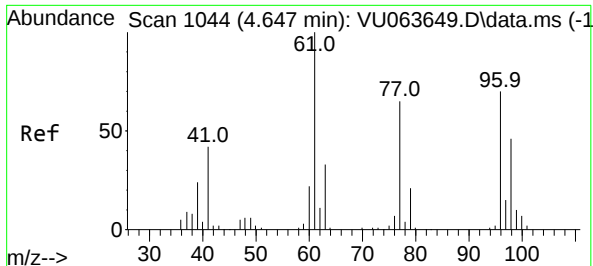
Tgt Ion: 63 Resp: 1363
Ion Ratio Lower Upper
63 100
98 0.0 3.3 9.9#
100 0.0 2.4 7.1#



#25
2-Butanone
Concen: 2.532 ug/l
RT: 4.753 min Scan# 1077
Delta R.T. 0.064 min
Lab File: VU063646.D
Acq: 25 Sep 2025 17:07

Tgt Ion: 43 Resp: 3137
Ion Ratio Lower Upper
43 100
72 20.5 22.2 33.2#





#26

2,2-Dichloropropane

Concen: 0.956 ug/l

RT: 4.647 min Scan# 1051

Delta R.T. -0.000 min

Lab File: VU063646.D

Acq: 25 Sep 2025 17:07

Instrument :

MSVOA_U

ClientSampleId :

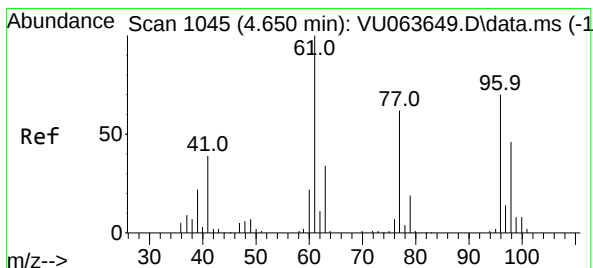
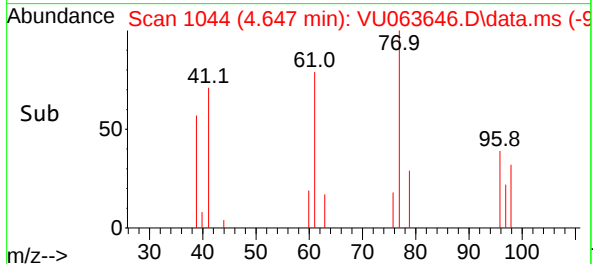
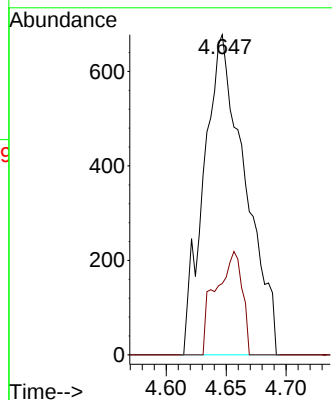
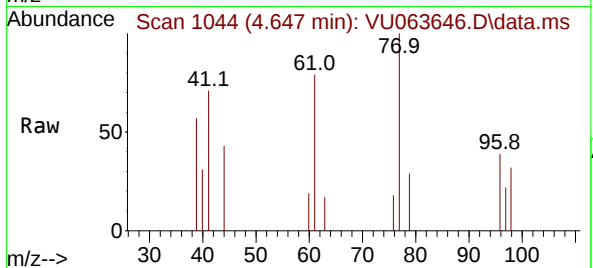
VSTDIC001

Tgt Ion: 77 Resp: 1621

Ion Ratio Lower Upper

77 100

97 20.7 11.6 34.8



#27

cis-1,2-Dichloroethene

Concen: 1.087 ug/l

RT: 4.669 min Scan# 1051

Delta R.T. 0.019 min

Lab File: VU063646.D

Acq: 25 Sep 2025 17:07

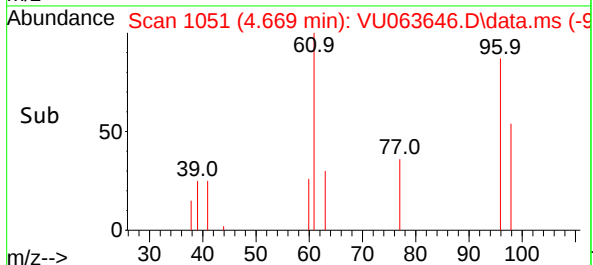
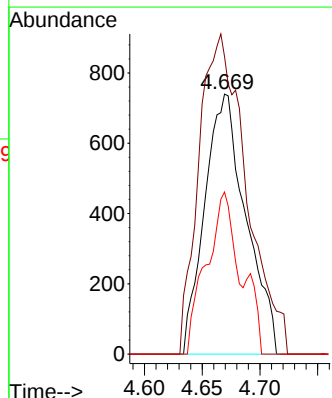
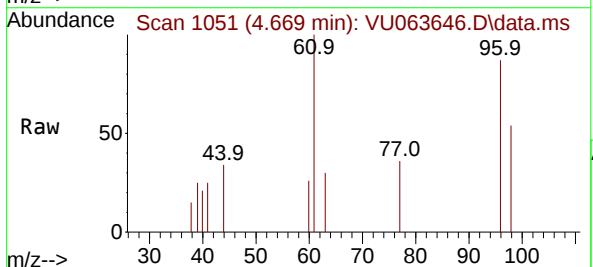
Tgt Ion: 96 Resp: 1843

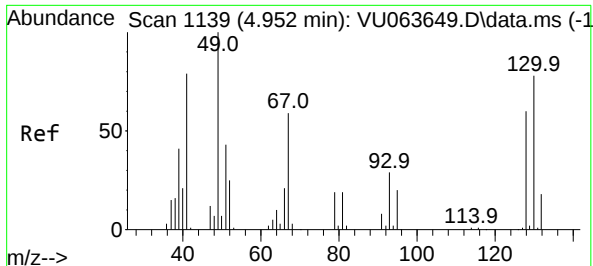
Ion Ratio Lower Upper

96 100

61 141.0 0.0 295.0

98 44.1 0.0 130.8





#28

Bromochloromethane

Concen: 0.592 ug/l

RT: 4.965 min Scan# 1113

Delta R.T. 0.013 min

Lab File: VU063646.D

Acq: 25 Sep 2025 17:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

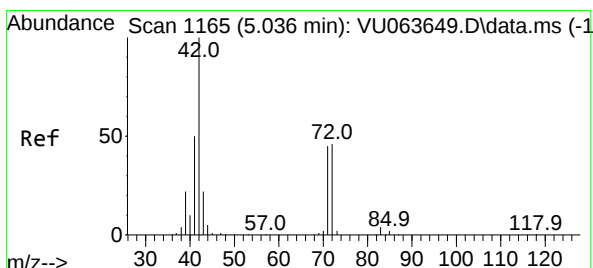
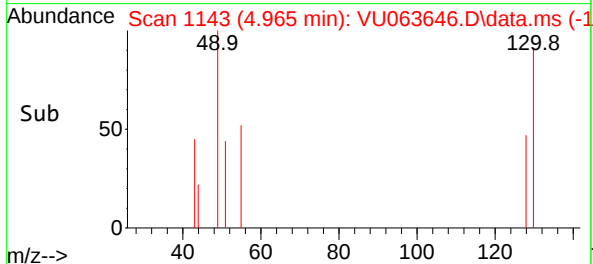
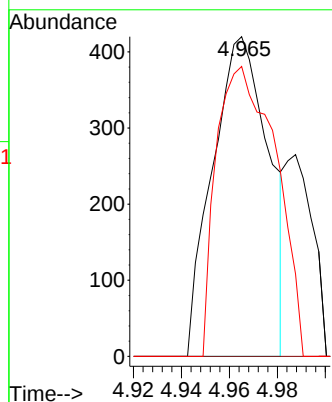
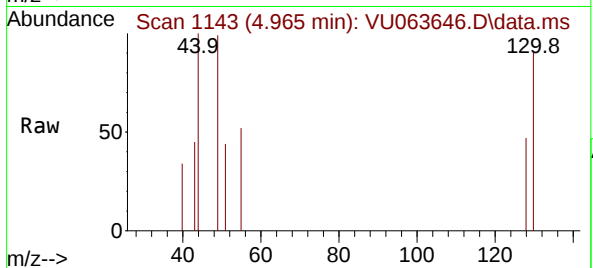
Tgt Ion: 49 Resp: 680

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.4

130 96.3 64.6 96.8



#29

Tetrahydrofuran

Concen: 4.758 ug/l

RT: 5.055 min Scan# 1171

Delta R.T. 0.019 min

Lab File: VU063646.D

Acq: 25 Sep 2025 17:07

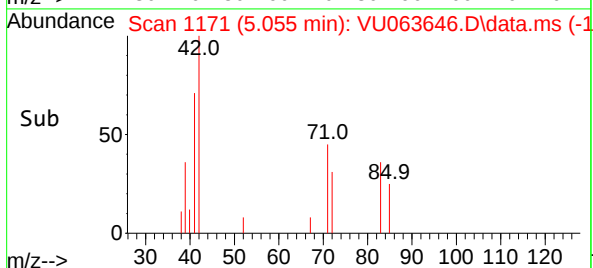
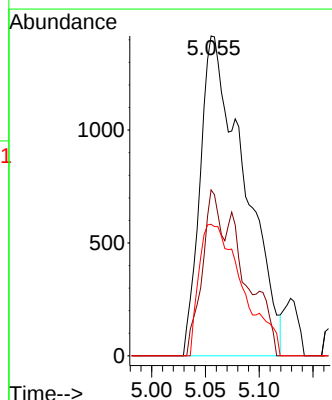
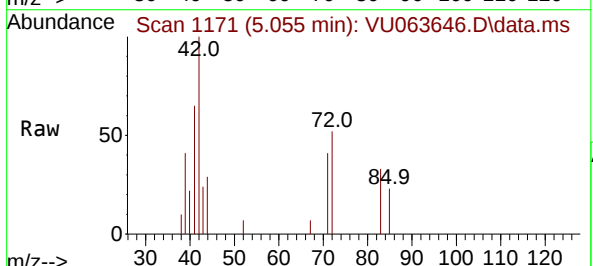
Tgt Ion: 42 Resp: 4048

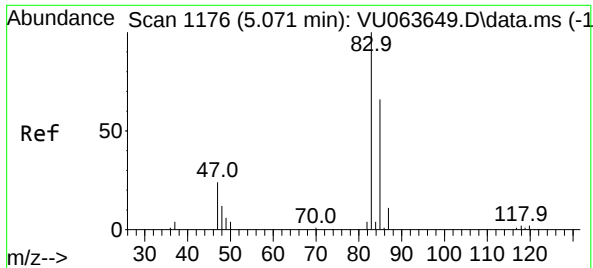
Ion Ratio Lower Upper

42 100

72 23.8 37.9 56.9#

71 40.6 36.0 54.0





#30

Chloroform

Concen: 1.061 ug/l

RT: 5.074 min Scan# 1176

Delta R.T. 0.003 min

Lab File: VU063646.D

Acq: 25 Sep 2025 17:07

Instrument :

MSVOA_U

ClientSampleId :

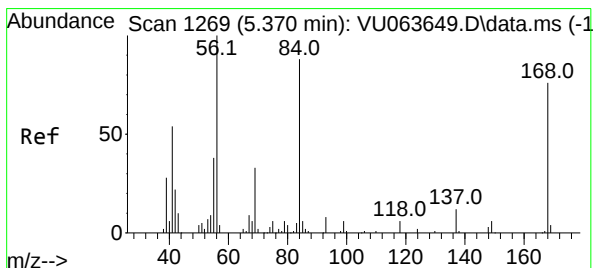
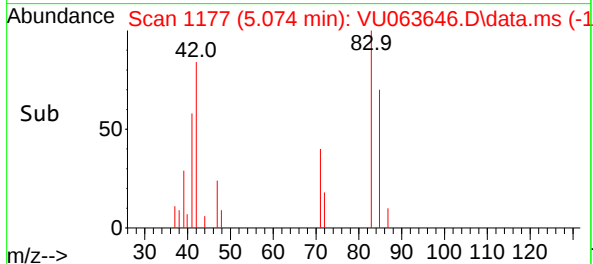
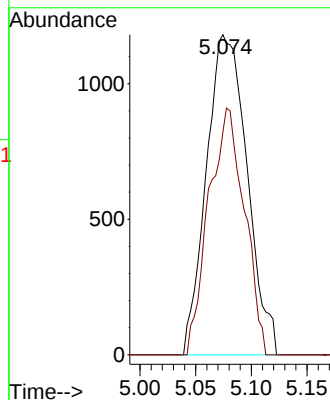
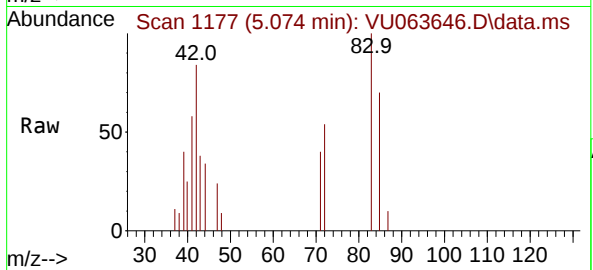
VSTDIC001

Tgt Ion: 83 Resp: 3005

Ion Ratio Lower Upper

83 100

85 69.6 52.8 79.2



#31

Cyclohexane

Concen: 2.169 ug/l

RT: 5.367 min Scan# 1268

Delta R.T. -0.003 min

Lab File: VU063646.D

Acq: 25 Sep 2025 17:07

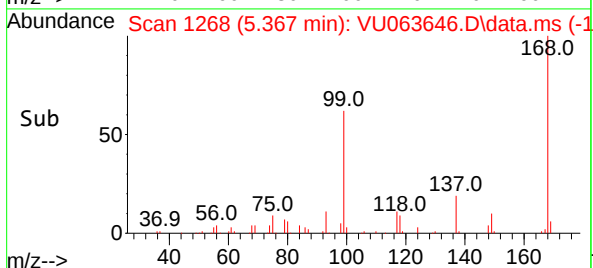
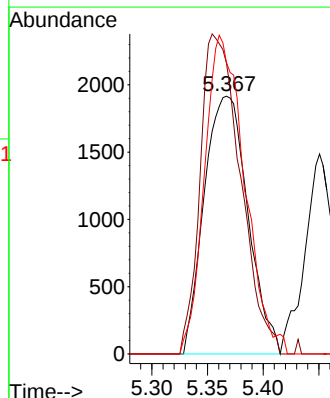
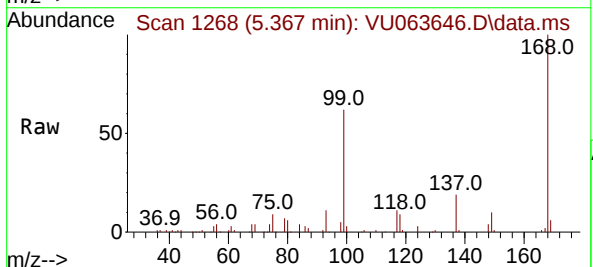
Tgt Ion: 56 Resp: 5212

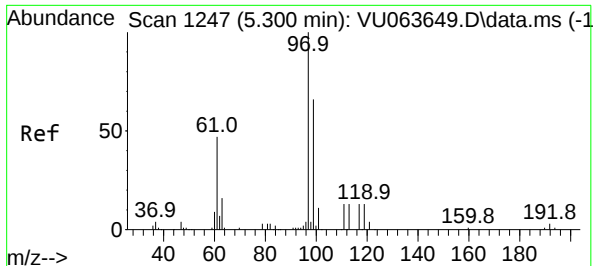
Ion Ratio Lower Upper

56 100

69 112.8 26.1 39.1#

84 113.2 70.7 106.1#





#32

1,1,1-Trichloroethane

Concen: 1.055 ug/l

RT: 5.306 min Scan# 11

Delta R.T. 0.006 min

Lab File: VU063646.D

Acq: 25 Sep 2025 17:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

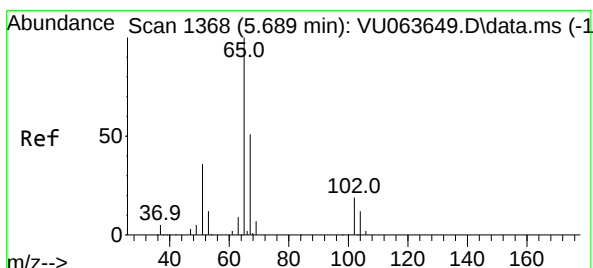
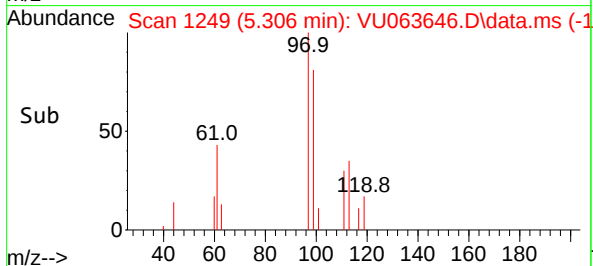
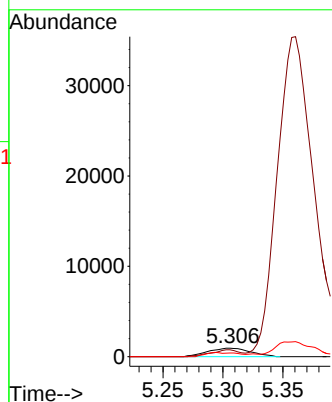
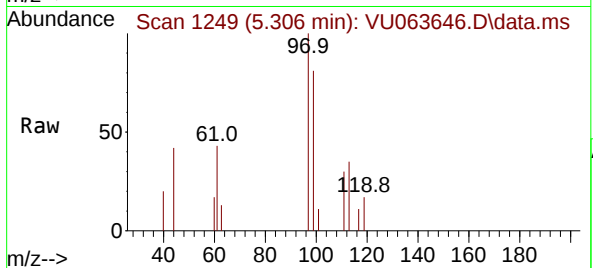
Tgt Ion: 97 Resp: 2341

Ion Ratio Lower Upper

97 100

99 0.0 49.9 74.9#

61 23.0 37.0 55.6#



#33

1,2-Dichloroethane-d4

Concen: -3.622 ug/l

RT: 5.701 min Scan# 1372

Delta R.T. 0.012 min

Lab File: VU063646.D

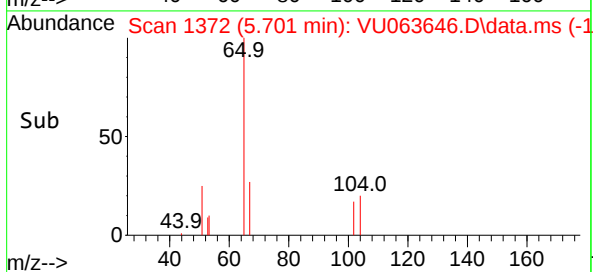
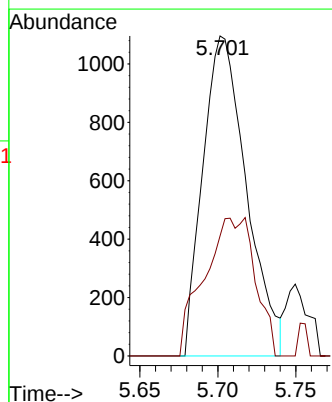
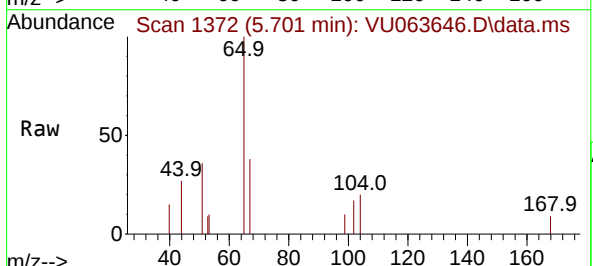
Acq: 25 Sep 2025 17:07

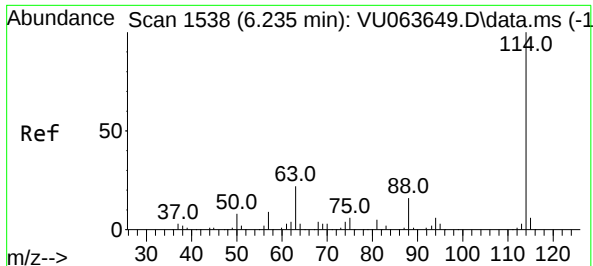
Tgt Ion: 65 Resp: 2131

Ion Ratio Lower Upper

65 100

67 50.5 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.238 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU063646.D

Acq: 25 Sep 2025 17:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

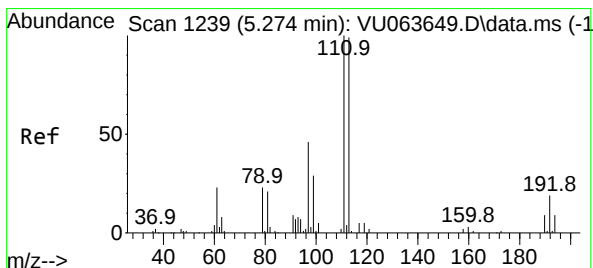
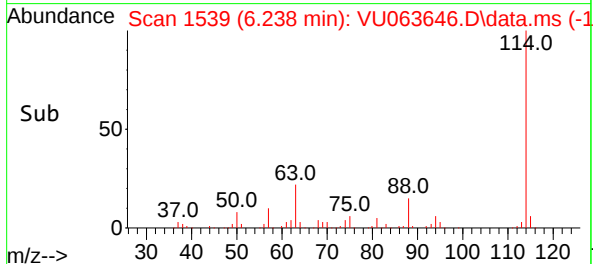
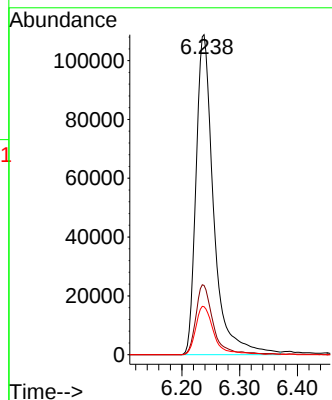
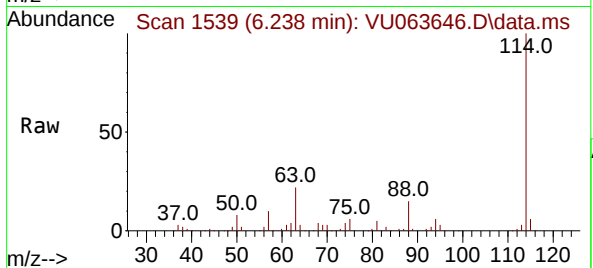
Tgt Ion:114 Resp: 231505

Ion Ratio Lower Upper

114 100

63 21.7 0.0 43.4

88 15.0 0.0 31.0



#35

Dibromofluoromethane

Concen: 1.116 ug/l

RT: 5.280 min Scan# 1241

Delta R.T. 0.006 min

Lab File: VU063646.D

Acq: 25 Sep 2025 17:07

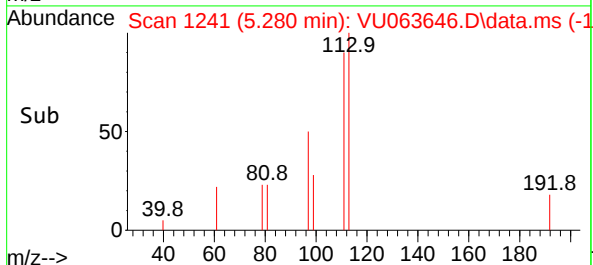
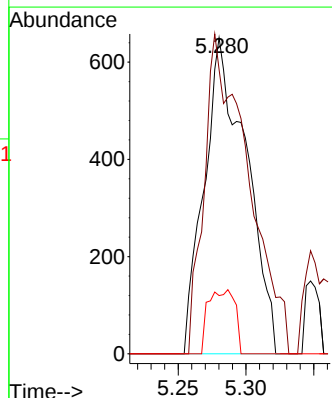
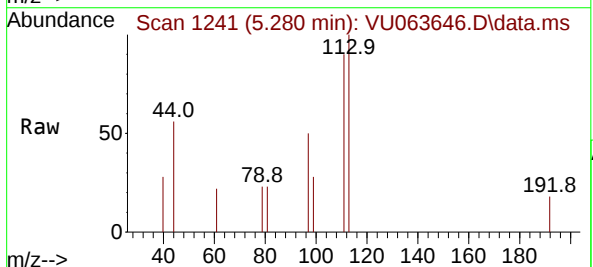
Tgt Ion:113 Resp: 1399

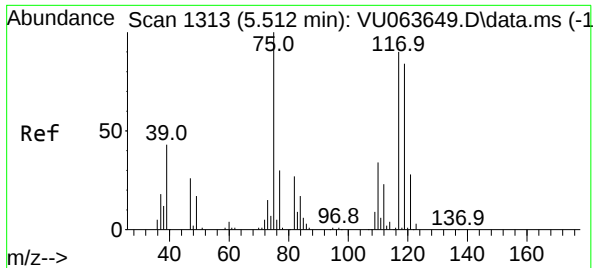
Ion Ratio Lower Upper

113 100

111 105.6 80.3 120.5

192 12.9 14.6 21.8#

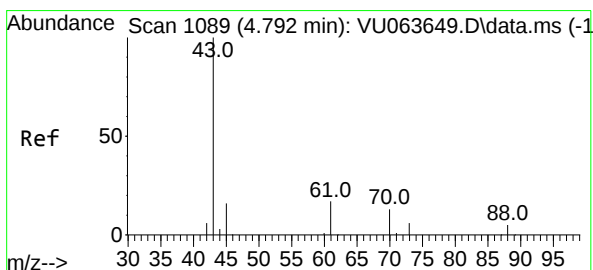
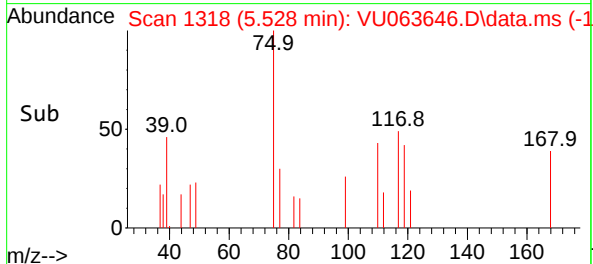
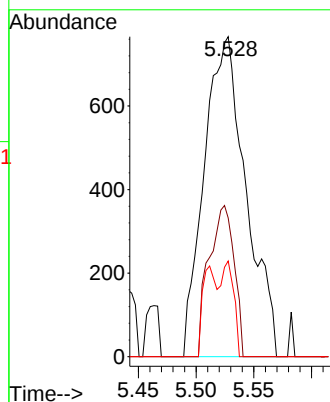
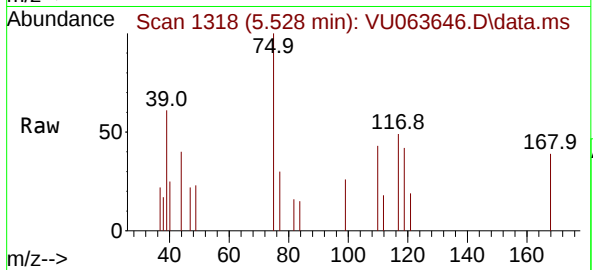




#36
1,1-Dichloropropene
Concen: 0.984 ug/l
RT: 5.528 min Scan# 11
Delta R.T. 0.016 min
Lab File: VU063646.D
Acq: 25 Sep 2025 17:07

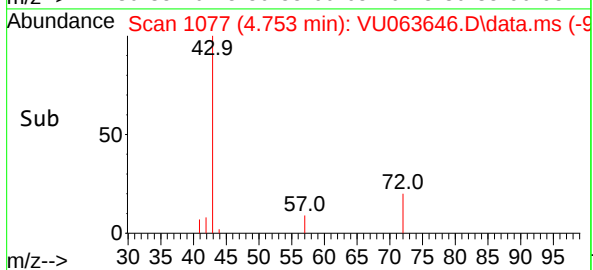
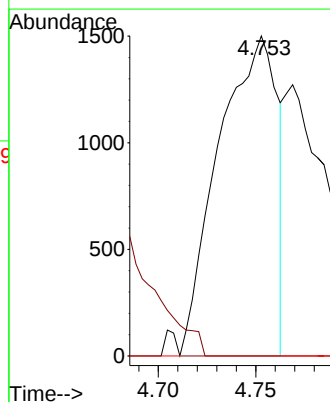
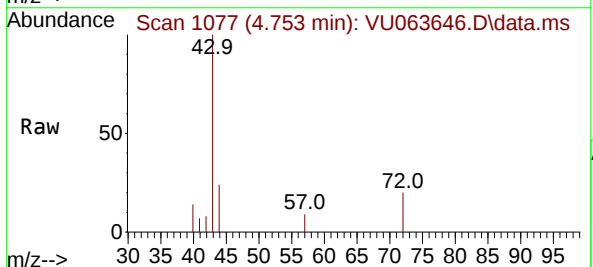
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

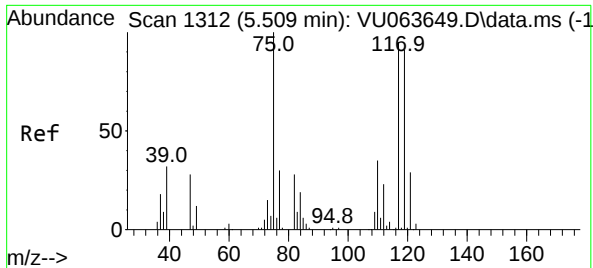
Tgt Ion: 75 Resp: 1934
Ion Ratio Lower Upper
75 100
110 28.3 17.0 50.9
77 7.5 23.8 35.8#



#37
Ethyl Acetate
Concen: 1.167 ug/l
RT: 4.753 min Scan# 1077
Delta R.T. -0.039 min
Lab File: VU063646.D
Acq: 25 Sep 2025 17:07

Tgt Ion: 43 Resp: 3137
Ion Ratio Lower Upper
43 100
61 0.0 9.7 14.5#
70 0.0 8.0 12.0#

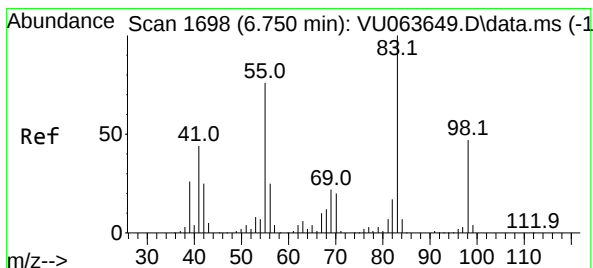
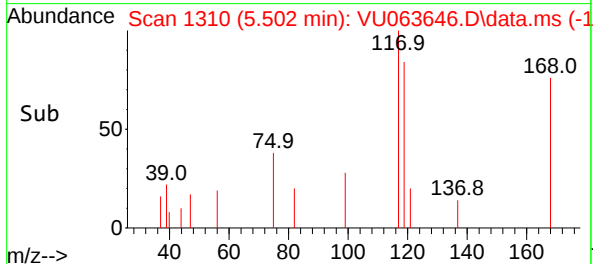
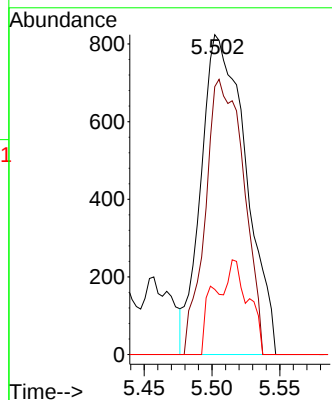
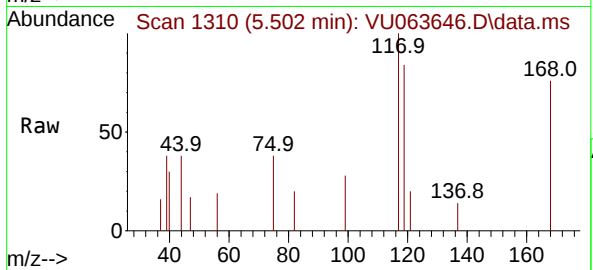




#38
Carbon Tetrachloride
Concen: 1.021 ug/l
RT: 5.502 min Scan# 11
Delta R.T. -0.007 min
Lab File: VU063646.D
Acq: 25 Sep 2025 17:07

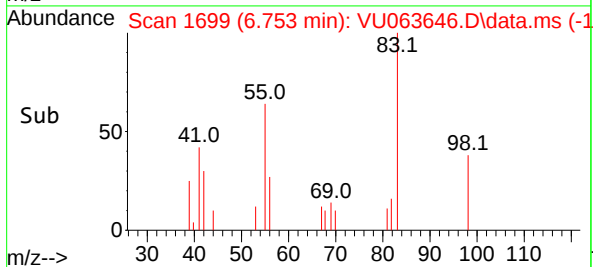
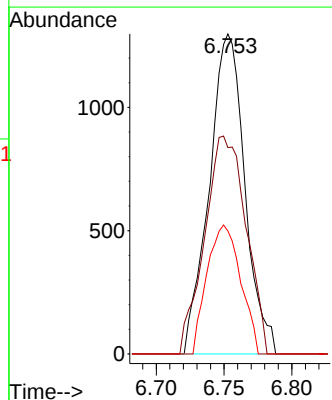
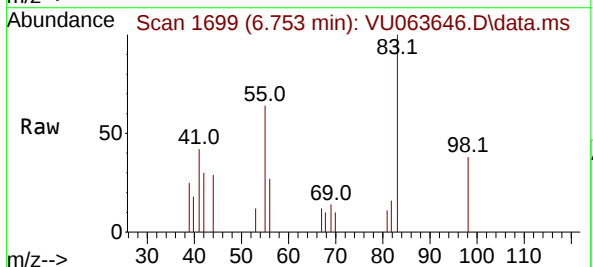
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

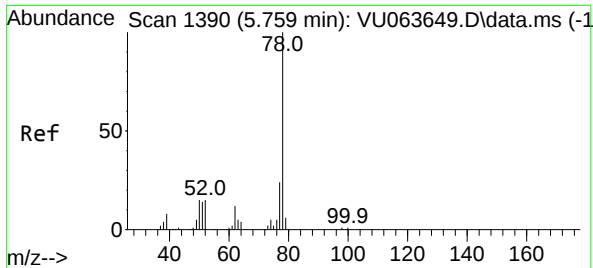
Tgt Ion:117 Resp: 1895
Ion Ratio Lower Upper
117 100
119 83.7 77.0 115.4
121 20.4 24.8 37.2#



#39
Methylcyclohexane
Concen: 0.960 ug/l
RT: 6.753 min Scan# 1699
Delta R.T. 0.003 min
Lab File: VU063646.D
Acq: 25 Sep 2025 17:07

Tgt Ion: 83 Resp: 2373
Ion Ratio Lower Upper
83 100
55 64.5 60.5 90.7
98 38.4 37.5 56.3





#40

Benzene

Concen: 0.983 ug/l

RT: 5.769 min Scan# 11

Delta R.T. 0.010 min

Lab File: VU063646.D

Acq: 25 Sep 2025 17:07

Instrument :

MSVOA_U

ClientSampleId :

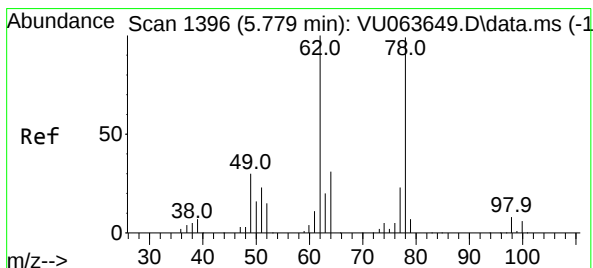
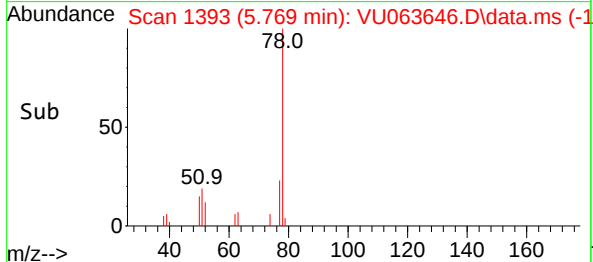
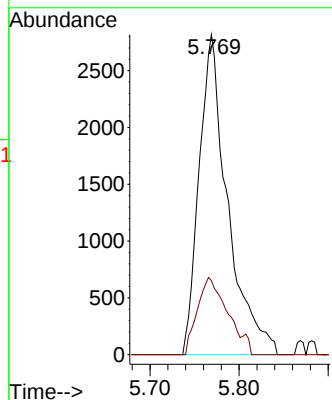
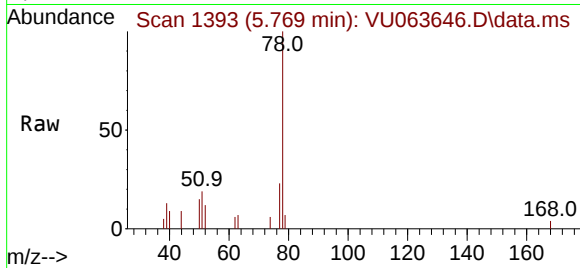
VSTDIC001

Tgt Ion: 78 Resp: 6272

Ion Ratio Lower Upper

78 100

77 23.1 19.4 29.2



#42

1,2-Dichloroethane

Concen: 1.039 ug/l

RT: 5.791 min Scan# 1400

Delta R.T. 0.013 min

Lab File: VU063646.D

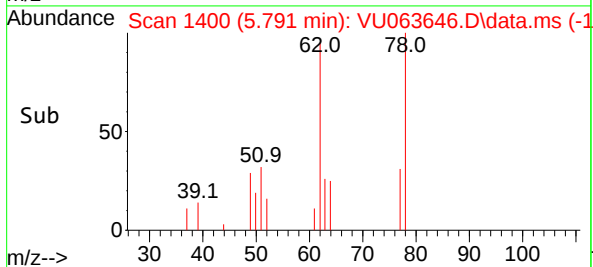
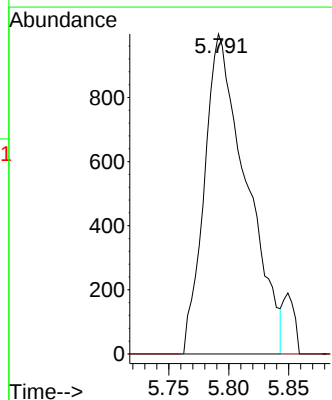
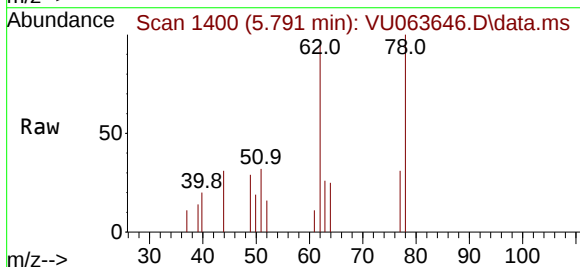
Acq: 25 Sep 2025 17:07

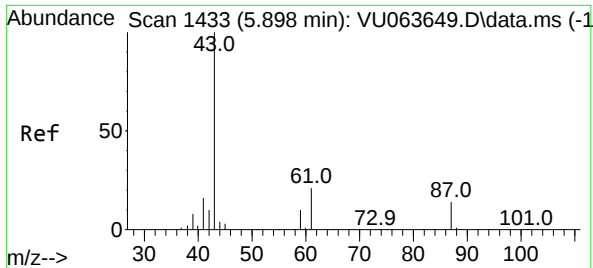
Tgt Ion: 62 Resp: 2424

Ion Ratio Lower Upper

62 100

98 0.0 0.0 16.2

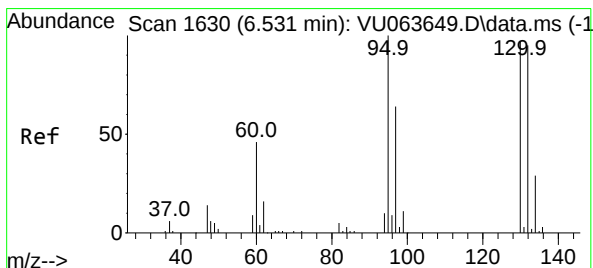
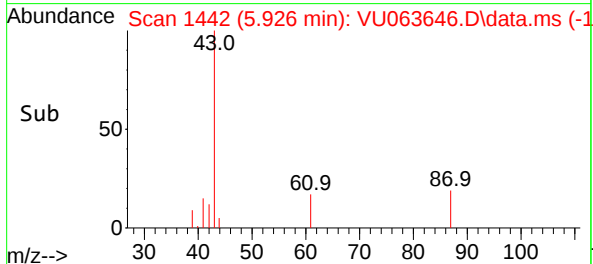
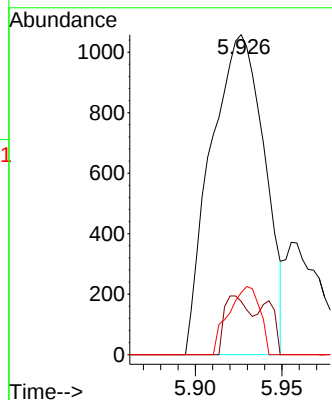
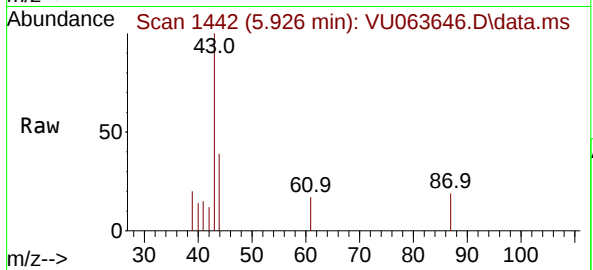




#43
Isopropyl Acetate
Concen: 0.684 ug/l
RT: 5.926 min Scan# 1442
Delta R.T. 0.029 min
Lab File: VU063646.D
Acq: 25 Sep 2025 17:07

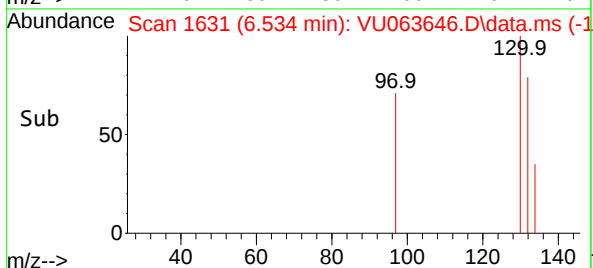
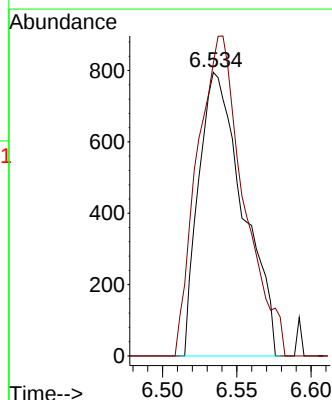
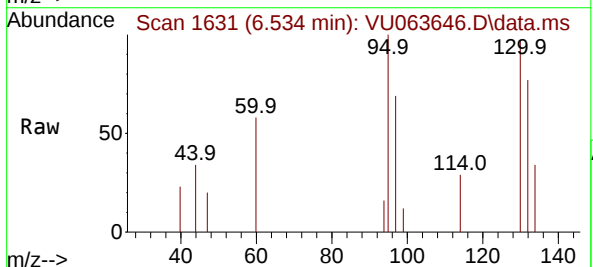
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

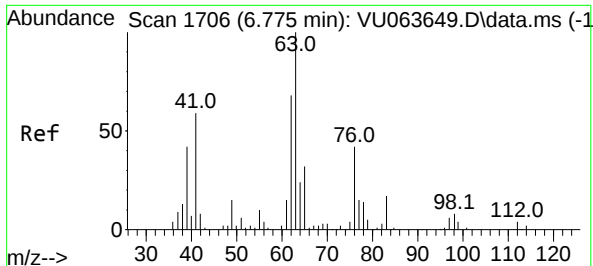
Tgt Ion: 43 Resp: 2279
Ion Ratio Lower Upper
43 100
61 8.4 16.9 25.3#
87 12.4 10.8 16.2



#44
Trichloroethene
Concen: 0.997 ug/l
RT: 6.534 min Scan# 1631
Delta R.T. 0.003 min
Lab File: VU063646.D
Acq: 25 Sep 2025 17:07

Tgt Ion: 130 Resp: 1651
Ion Ratio Lower Upper
130 100
95 89.6 0.0 206.6





#45

1,2-Dichloropropane

Concen: 0.984 ug/l

RT: 6.788 min Scan# 1

Delta R.T. 0.013 min

Lab File: VU063646.D

Acq: 25 Sep 2025 17:07

Instrument :

MSVOA_U

ClientSampleId :

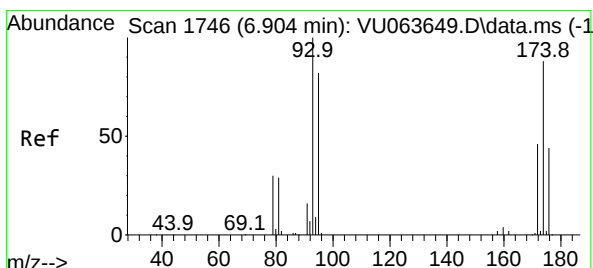
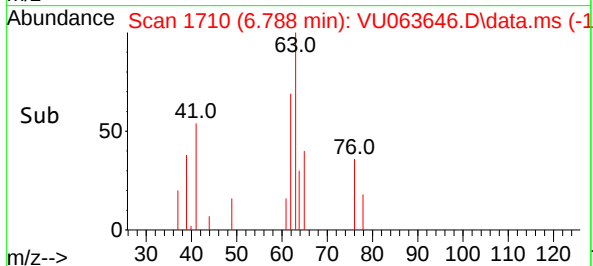
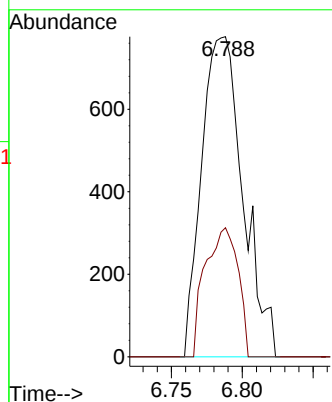
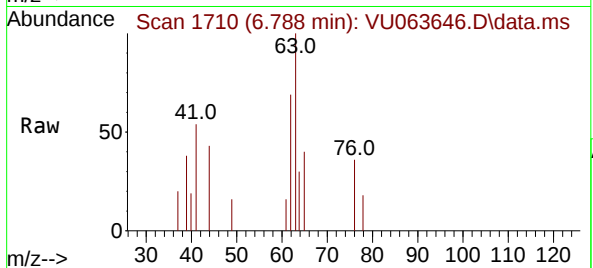
VSTDIC001

Tgt Ion: 63 Resp: 1579

Ion Ratio Lower Upper

63 100

65 40.3 25.3 37.9#



#46

Dibromomethane

Concen: 0.999 ug/l

RT: 6.910 min Scan# 1748

Delta R.T. 0.006 min

Lab File: VU063646.D

Acq: 25 Sep 2025 17:07

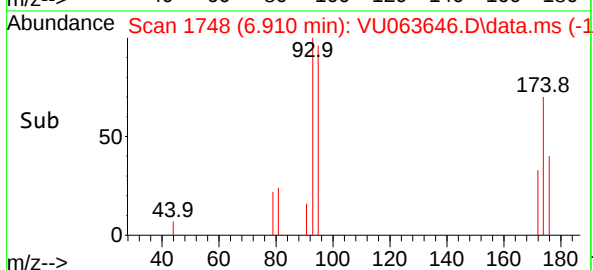
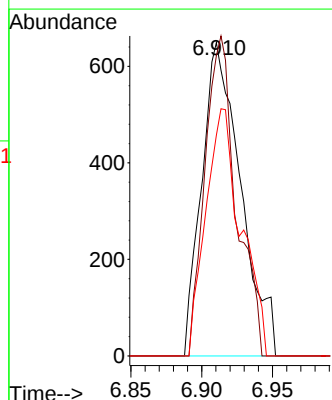
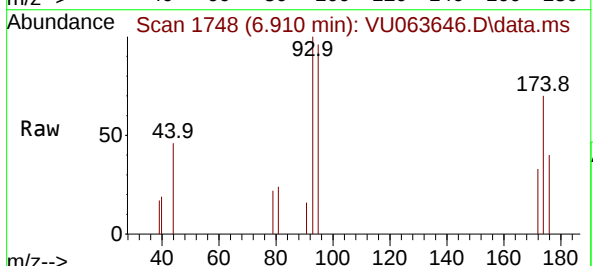
Tgt Ion: 93 Resp: 1243

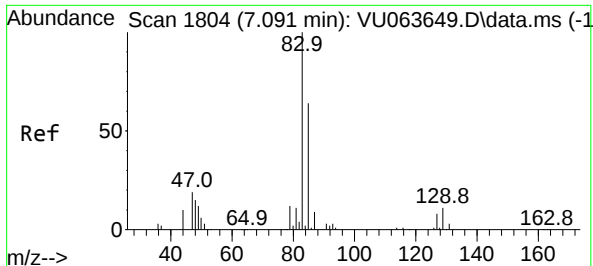
Ion Ratio Lower Upper

93 100

95 82.1 65.6 98.4

174 71.6 72.3 108.5#





#47

Bromodichloromethane

Concen: 0.903 ug/l

RT: 7.094 min Scan# 1805

Delta R.T. 0.003 min

Lab File: VU063646.D

Acq: 25 Sep 2025 17:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

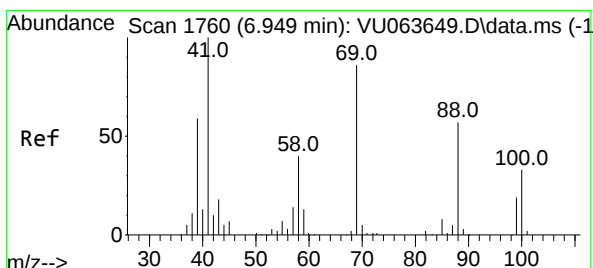
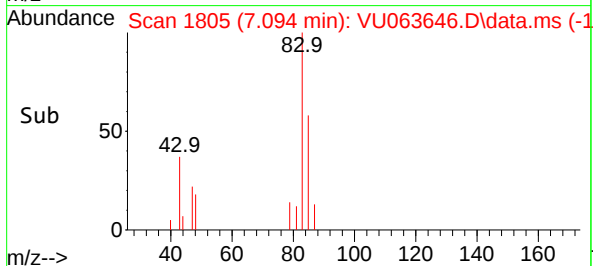
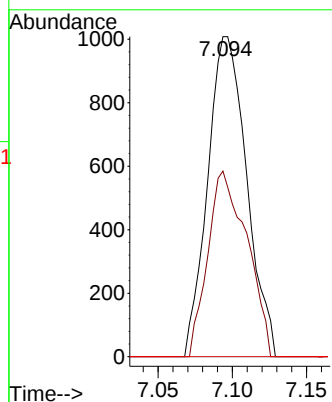
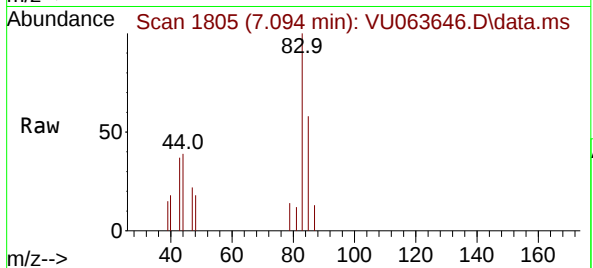
Tgt Ion: 83 Resp: 1842

Ion Ratio Lower Upper

83 100

85 58.0 50.9 76.3

127 0.0 6.6 10.0#



#48

Methyl methacrylate

Concen: 0.765 ug/l

RT: 6.978 min Scan# 1769

Delta R.T. 0.029 min

Lab File: VU063646.D

Acq: 25 Sep 2025 17:07

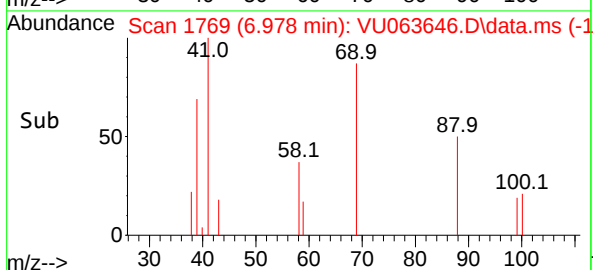
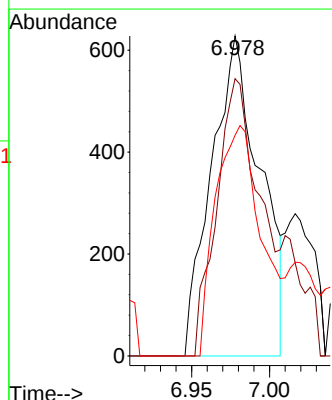
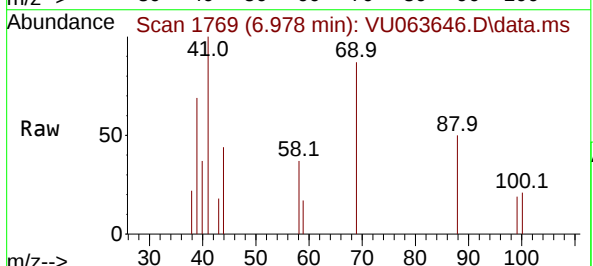
Tgt Ion: 41 Resp: 1364

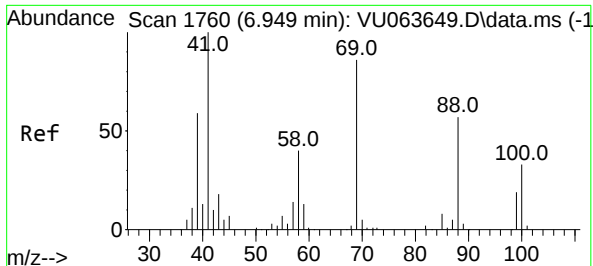
Ion Ratio Lower Upper

41 100

69 78.2 73.5 110.3

39 67.4 47.8 71.6





#49

1,4-Dioxane

Concen: 15.225 ug/l

RT: 6.984 min Scan# 1771

Delta R.T. 0.035 min

Lab File: VU063646.D

Acq: 25 Sep 2025 17:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

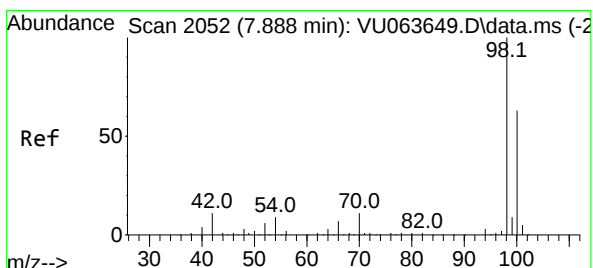
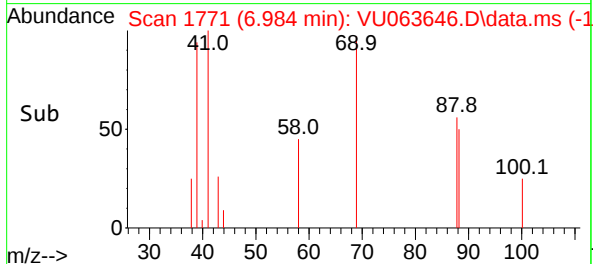
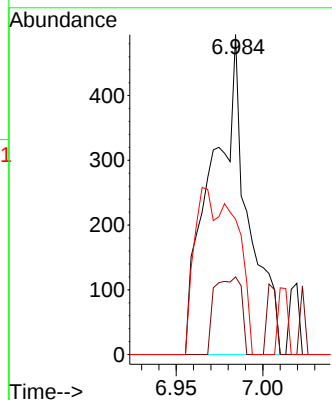
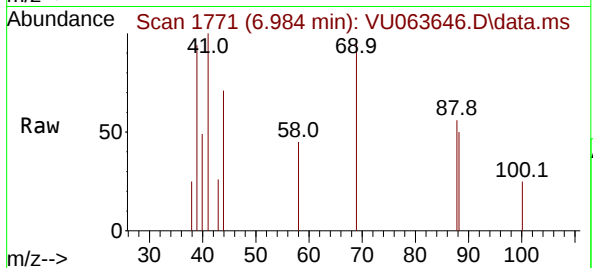
Tgt Ion: 88 Resp: 715

Ion Ratio Lower Upper

88 100

43 17.9 24.6 37.0#

58 34.3 54.4 81.6#



#50

Toluene-d8

Concen: 1.268 ug/l

RT: 7.894 min Scan# 2054

Delta R.T. 0.006 min

Lab File: VU063646.D

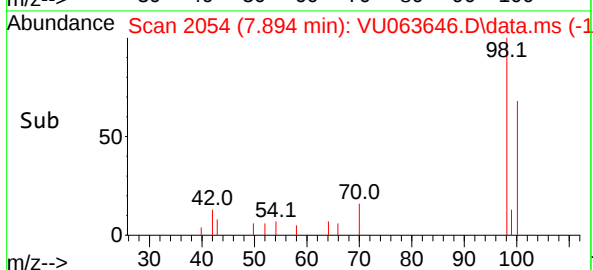
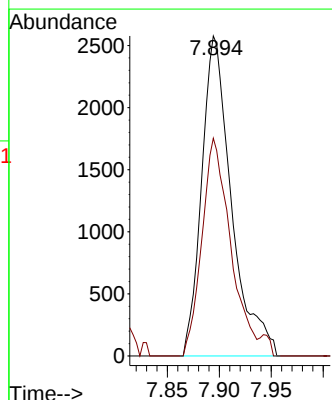
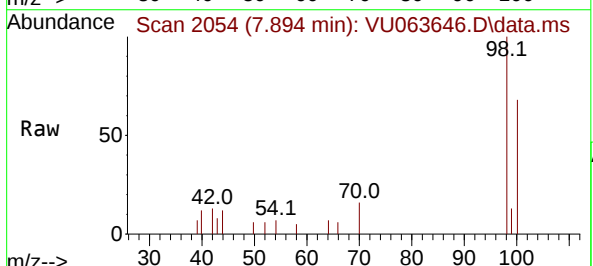
Acq: 25 Sep 2025 17:07

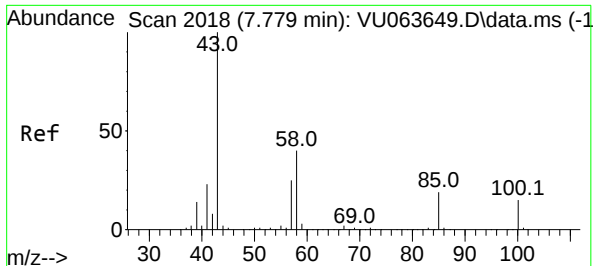
Tgt Ion: 98 Resp: 5143

Ion Ratio Lower Upper

98 100

100 65.0 49.6 74.4

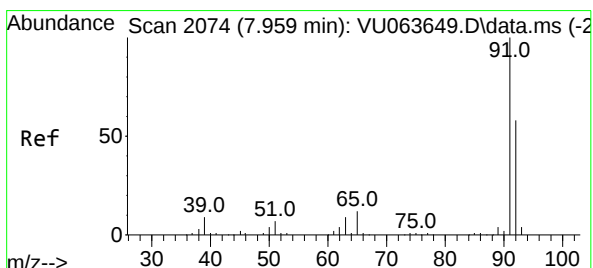
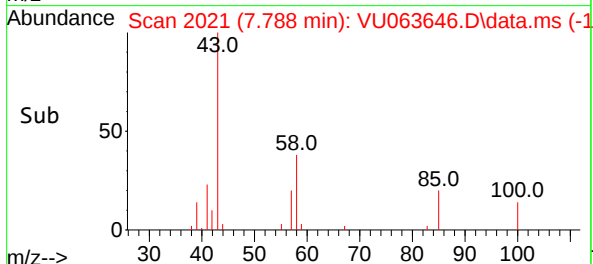
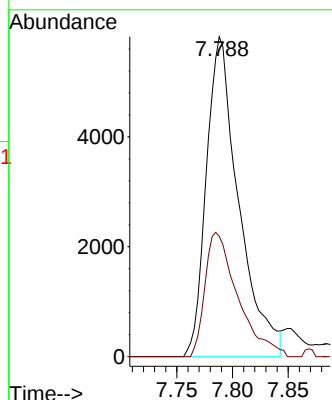
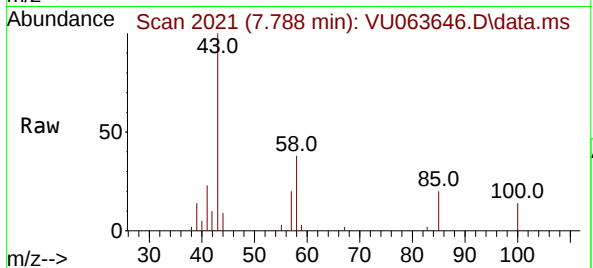




#51
4-Methyl-2-Pentanone
Concen: 4.461 ug/l
RT: 7.788 min Scan# 2018
Delta R.T. 0.009 min
Lab File: VU063646.D
Acq: 25 Sep 2025 17:07

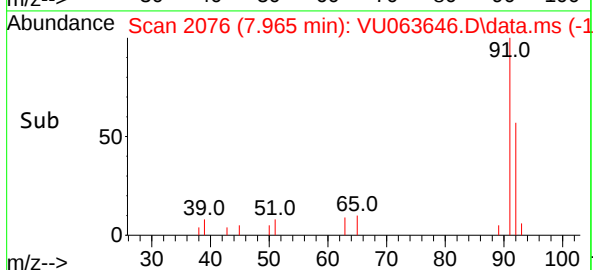
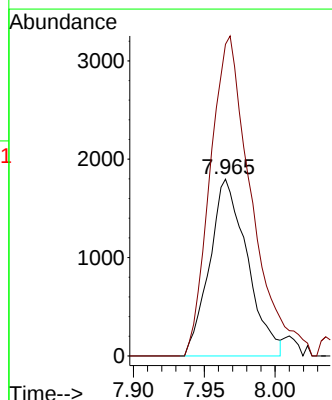
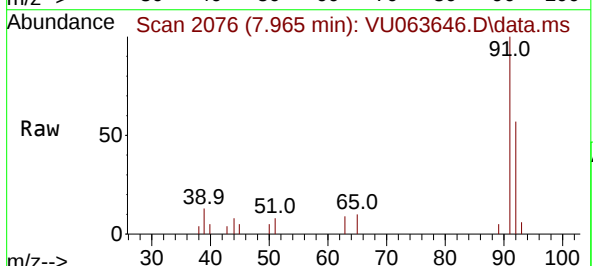
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

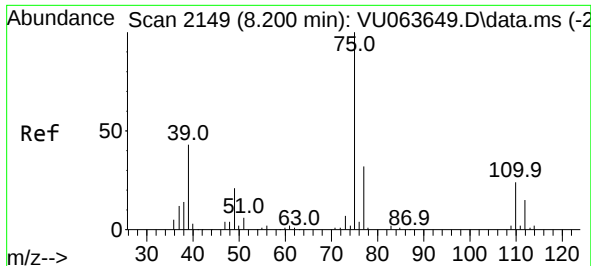
Tgt Ion: 43 Resp: 11748
Ion Ratio Lower Upper
43 100
58 39.4 32.6 48.8



#52
Toluene
Concen: 0.858 ug/l
RT: 7.965 min Scan# 2076
Delta R.T. 0.006 min
Lab File: VU063646.D
Acq: 25 Sep 2025 17:07

Tgt Ion: 92 Resp: 3325
Ion Ratio Lower Upper
92 100
91 197.9 139.4 209.2

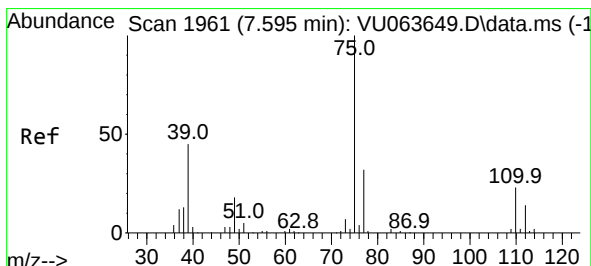
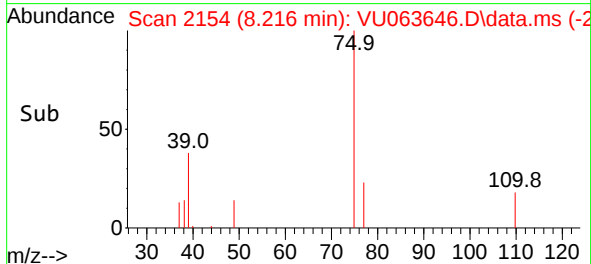
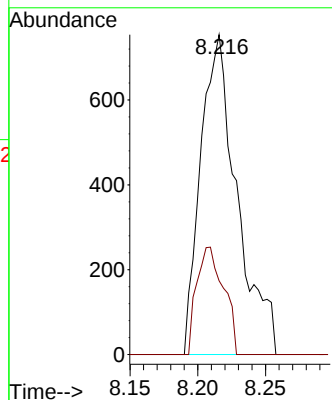
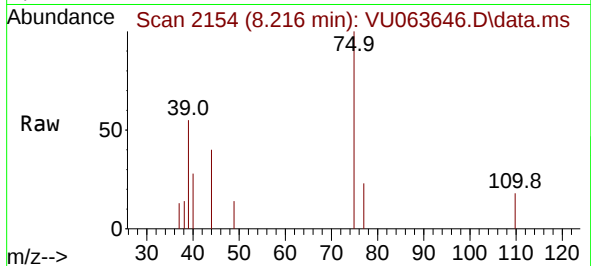




#53
 t-1,3-Dichloropropene
 Concen: 0.865 ug/l
 RT: 8.216 min Scan# 2149
 Delta R.T. 0.016 min
 Lab File: VU063646.D
 Acq: 25 Sep 2025 17:07

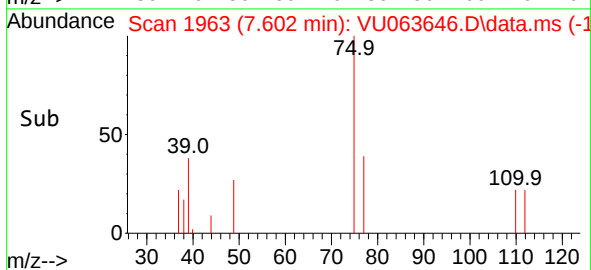
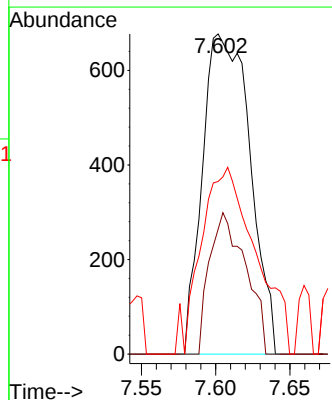
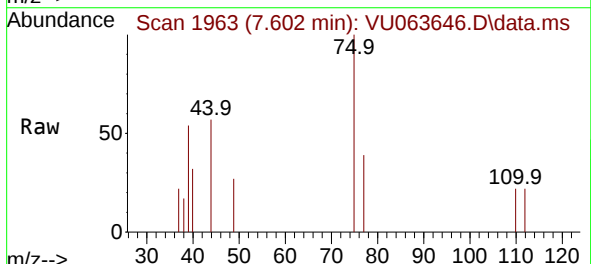
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

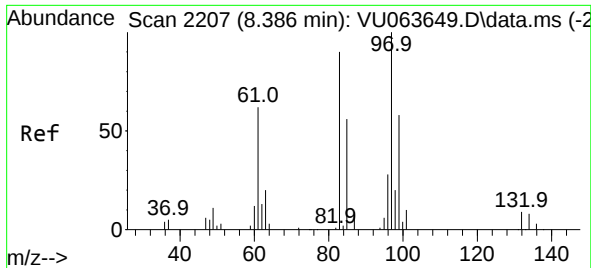
Tgt Ion: 75 Resp: 1407
 Ion Ratio Lower Upper
 75 100
 77 23.1 25.8 38.8#



#54
 cis-1,3-Dichloropropene
 Concen: 0.781 ug/l
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.007 min
 Lab File: VU063646.D
 Acq: 25 Sep 2025 17:07

Tgt Ion: 75 Resp: 1506
 Ion Ratio Lower Upper
 75 100
 77 39.0 25.7 38.5#
 39 38.1 35.8 53.8

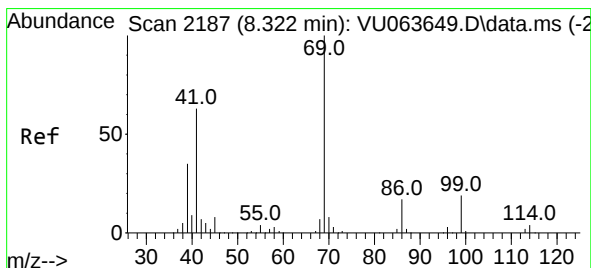
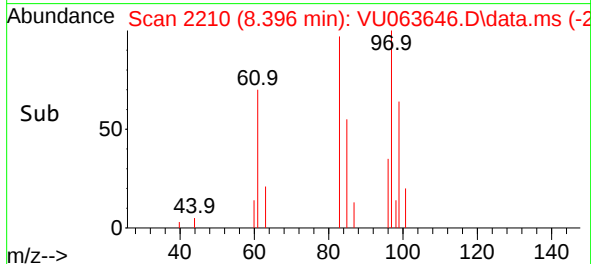
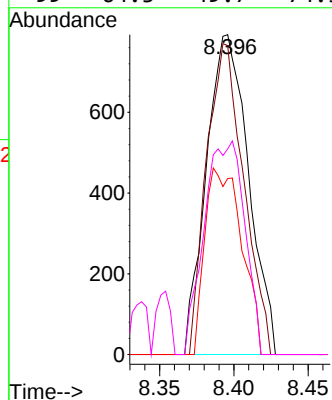
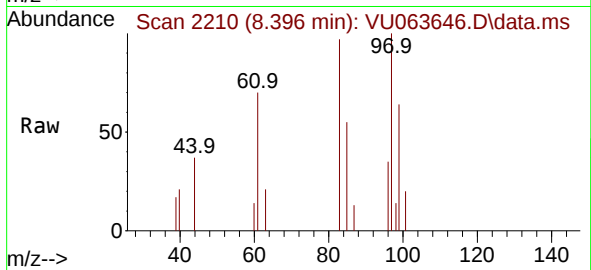




#55
 1,1,2-Trichloroethane
 Concen: 0.980 ug/l
 RT: 8.396 min Scan# 2192
 Delta R.T. 0.010 min
 Lab File: VU063646.D
 Acq: 25 Sep 2025 17:07

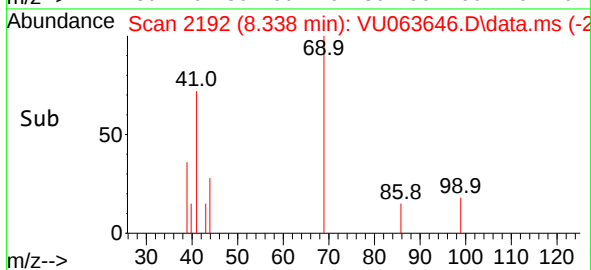
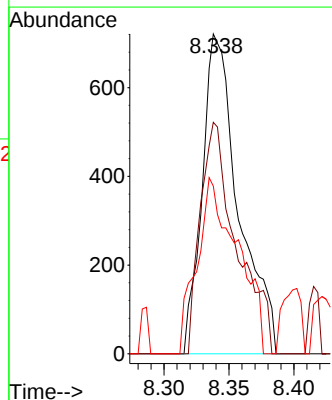
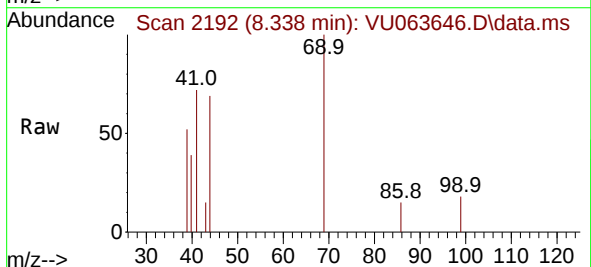
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

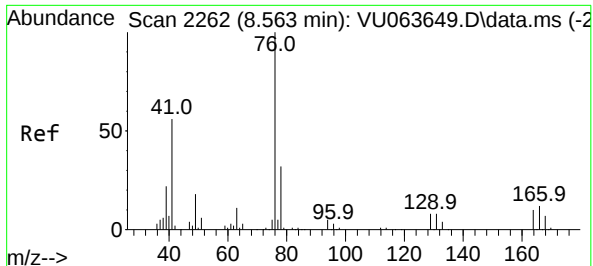
Tgt Ion:	97	Resp:	1563
Ion	Ratio	Lower	Upper
97	100		
83	96.6	72.1	108.1
85	55.1	44.8	67.2
99	64.3	49.7	74.5



#56
 Ethyl methacrylate
 Concen: 1.315 ug/l
 RT: 8.338 min Scan# 2192
 Delta R.T. 0.016 min
 Lab File: VU063646.D
 Acq: 25 Sep 2025 17:07

Tgt Ion:	69	Resp:	1407
Ion	Ratio	Lower	Upper
69	100		
41	72.1	50.6	75.8
39	61.5	29.2	43.8





#57

1,3-Dichloropropane

Concen: 0.982 ug/l

RT: 8.566 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063646.D

Acq: 25 Sep 2025 17:07

Instrument :

MSVOA_U

ClientSampleId :

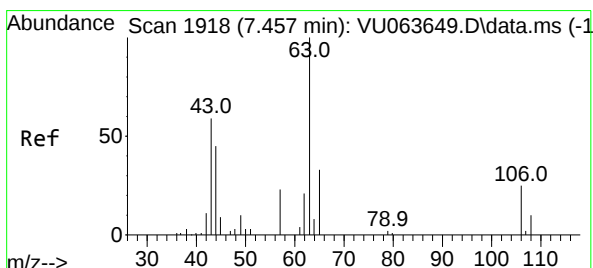
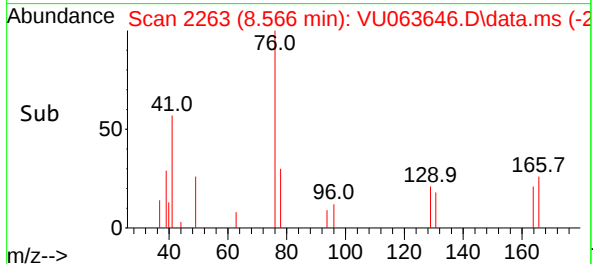
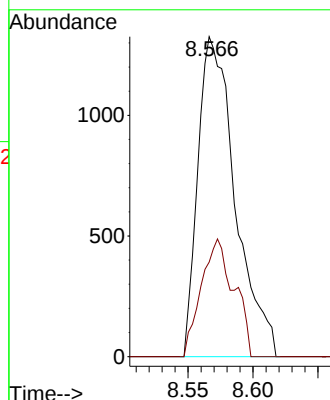
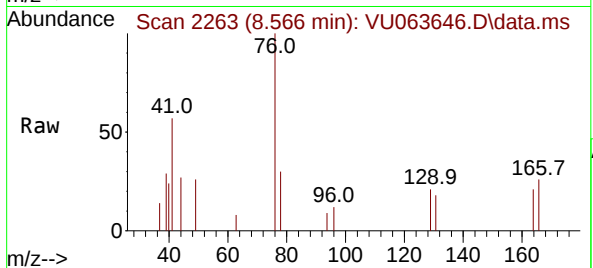
VSTDIC001

Tgt Ion: 76 Resp: 2645

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 4.162 ug/l

RT: 7.489 min Scan# 1928

Delta R.T. 0.032 min

Lab File: VU063646.D

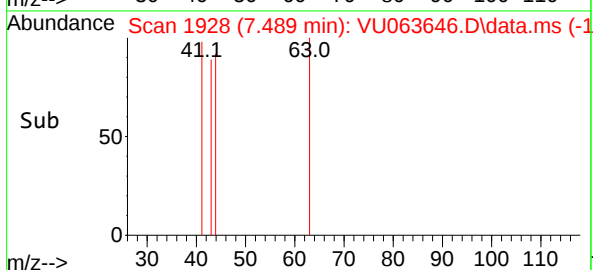
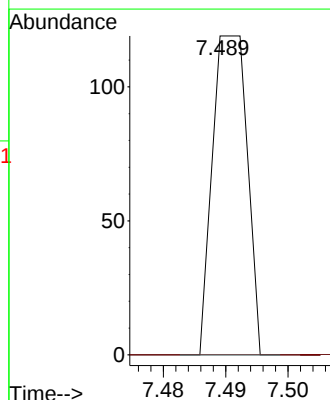
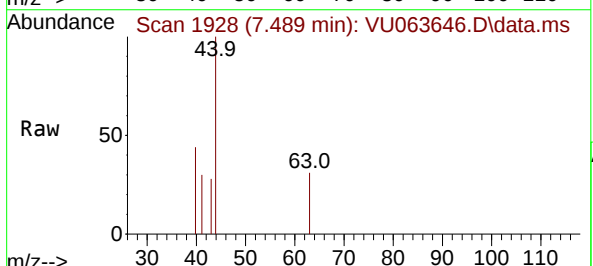
Acq: 25 Sep 2025 17:07

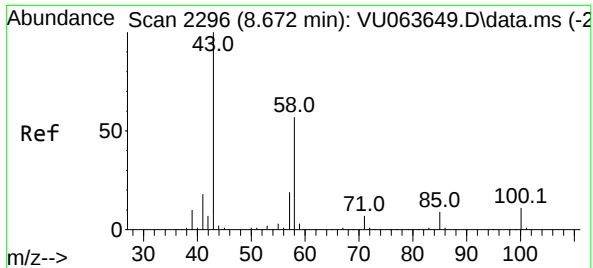
Tgt Ion: 63 Resp: 46

Ion Ratio Lower Upper

63 100

106 0.0 18.6 27.8#

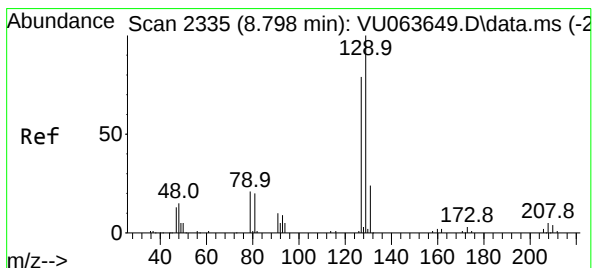
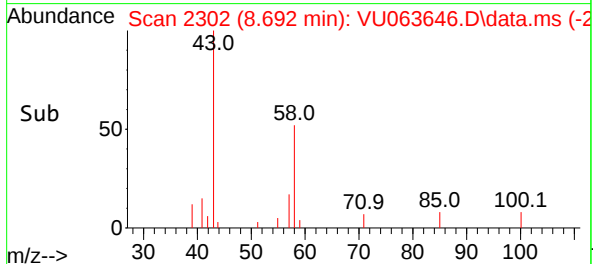
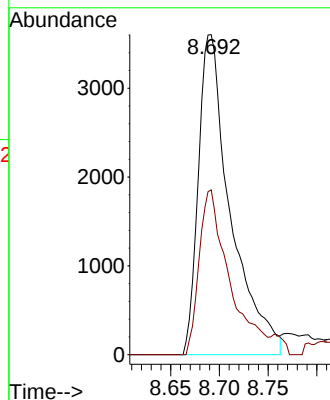
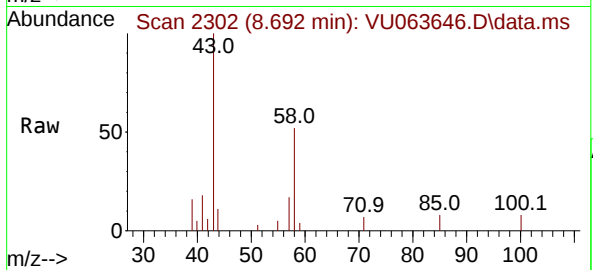




#59
2-Hexanone
Concen: 4.270 ug/l
RT: 8.692 min Scan# 21
Delta R.T. 0.019 min
Lab File: VU063646.D
Acq: 25 Sep 2025 17:07

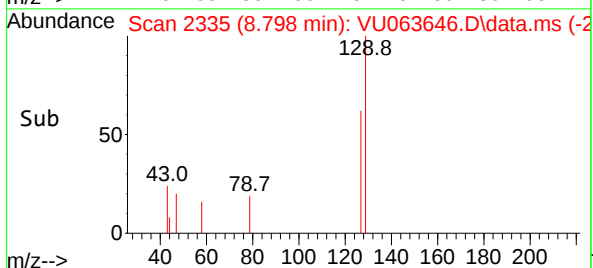
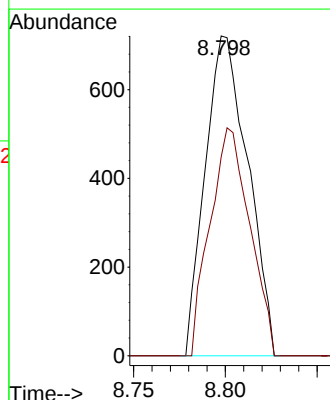
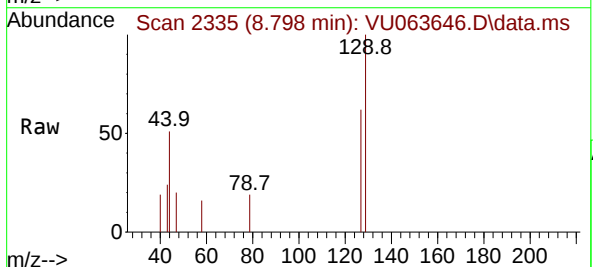
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

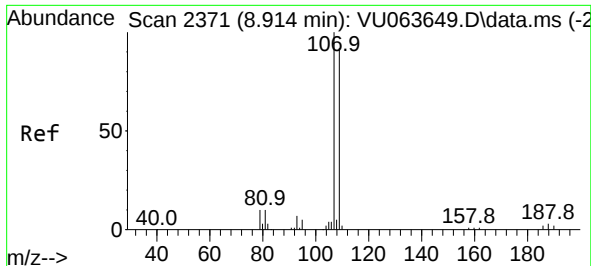
Tgt Ion: 43 Resp: 8248
Ion Ratio Lower Upper
43 100
58 48.3 28.3 85.0



#60
Dibromochloromethane
Concen: 0.803 ug/l
RT: 8.798 min Scan# 2335
Delta R.T. -0.000 min
Lab File: VU063646.D
Acq: 25 Sep 2025 17:07

Tgt Ion: 129 Resp: 1167
Ion Ratio Lower Upper
129 100
127 66.5 39.1 117.2

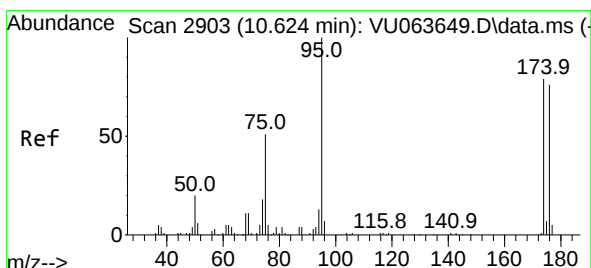
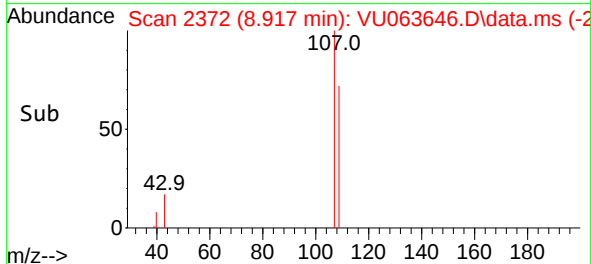
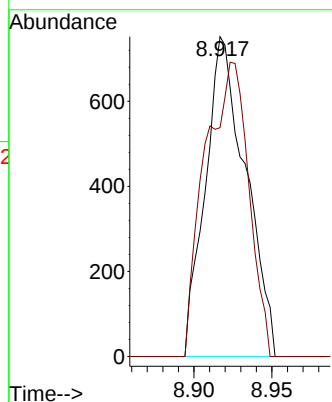
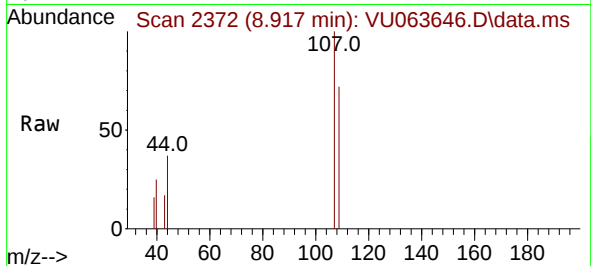




#61
1,2-Dibromoethane
Concen: 0.843 ug/l
RT: 8.917 min Scan# 2107
Delta R.T. 0.003 min
Lab File: VU063646.D
Acq: 25 Sep 2025 17:07

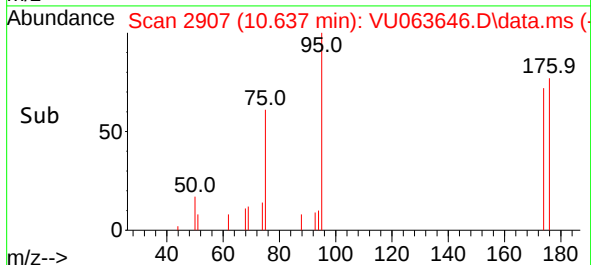
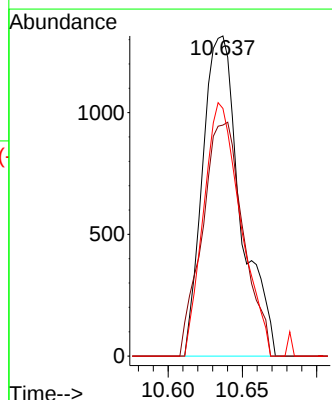
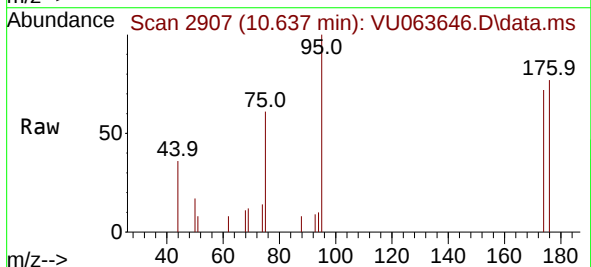
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

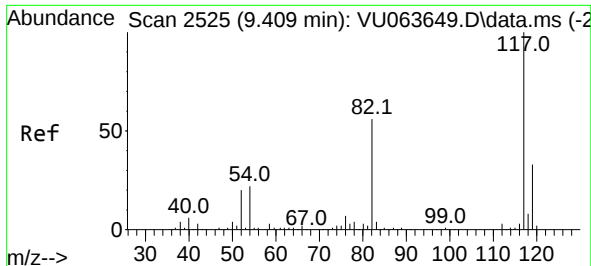
Tgt Ion:107 Resp: 1352
Ion Ratio Lower Upper
107 100
109 99.6 75.5 113.3



#62
4-Bromofluorobenzene
Concen: 1.281 ug/l
RT: 10.637 min Scan# 2907
Delta R.T. 0.013 min
Lab File: VU063646.D
Acq: 25 Sep 2025 17:07

Tgt Ion: 95 Resp: 2331
Ion Ratio Lower Upper
95 100
174 78.9 0.0 154.2
176 77.8 0.0 150.8

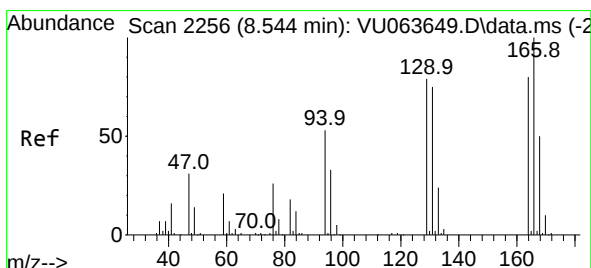
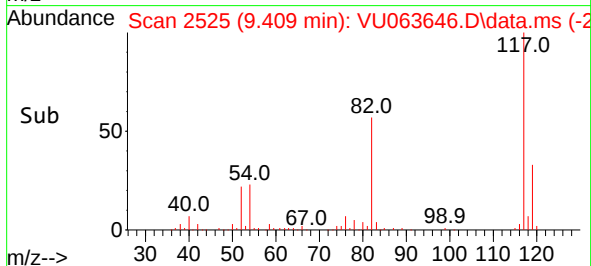
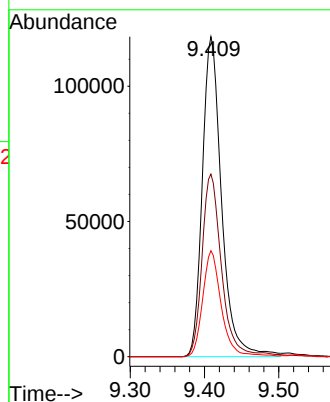
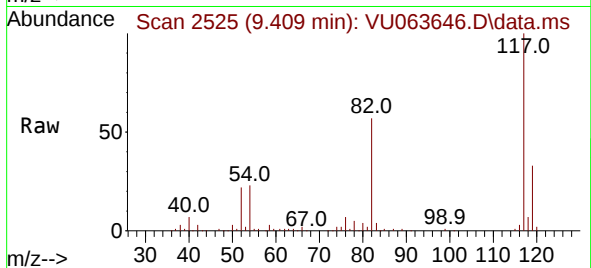




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.409 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VU063646.D
Acq: 25 Sep 2025 17:07

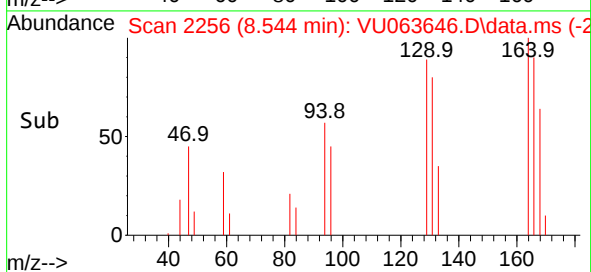
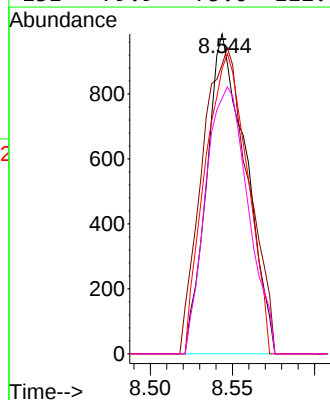
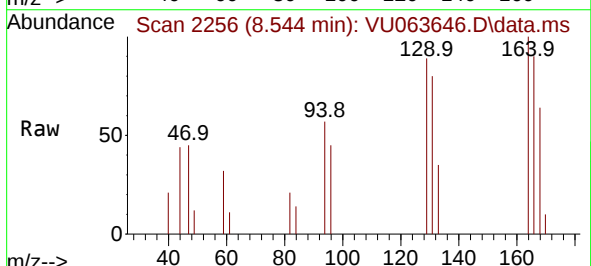
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

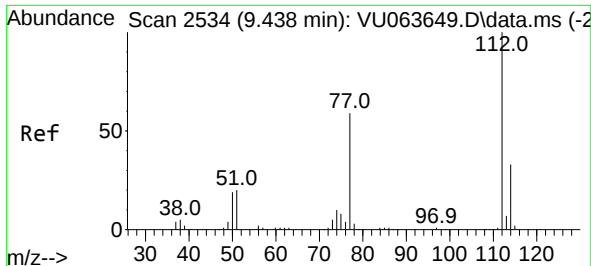
Tgt Ion:117 Resp: 213713
Ion Ratio Lower Upper
117 100
82 57.0 44.8 67.2
119 33.1 26.0 39.0



#64
Tetrachloroethene
Concen: 1.040 ug/l
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU063646.D
Acq: 25 Sep 2025 17:07

Tgt Ion:164 Resp: 1641
Ion Ratio Lower Upper
164 100
166 90.5 99.6 149.4#
129 89.1 78.3 117.5
131 79.9 75.0 112.4

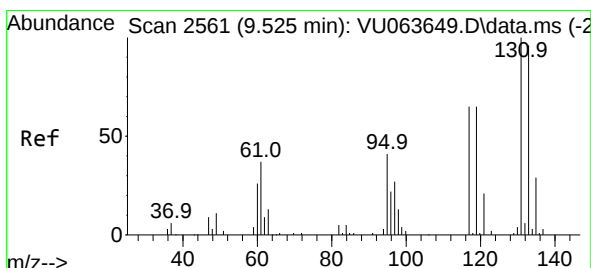
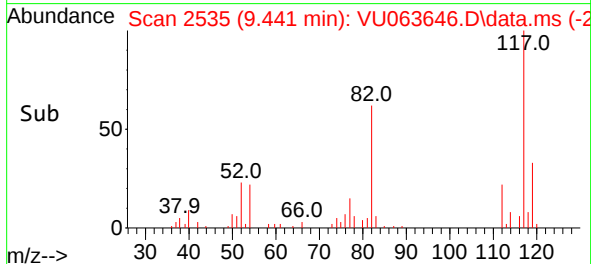
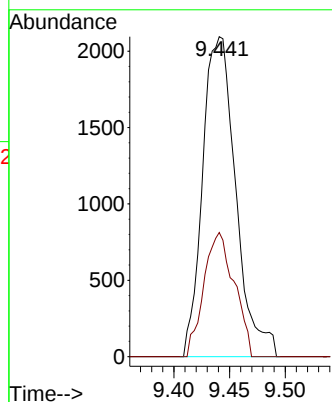
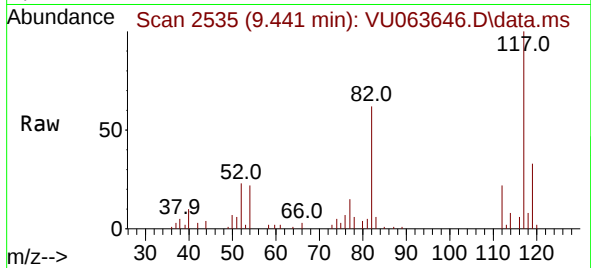




#65
Chlorobenzene
Concen: 0.989 ug/l
RT: 9.441 min Scan# 2534
Delta R.T. 0.003 min
Lab File: VU063646.D
Acq: 25 Sep 2025 17:07

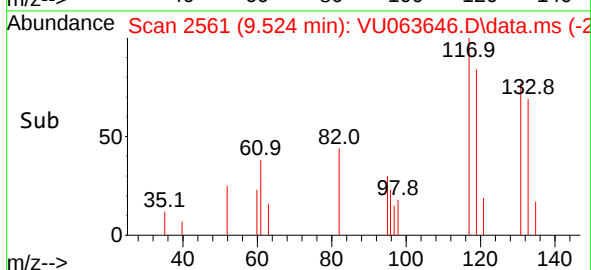
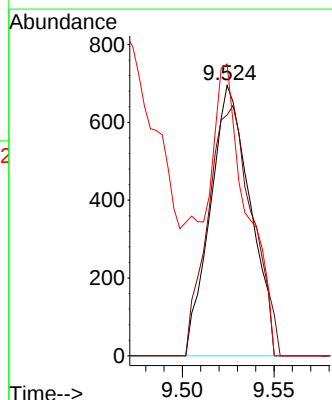
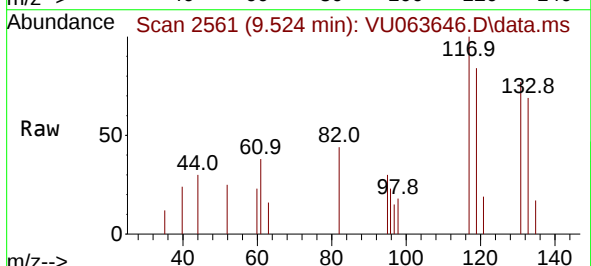
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

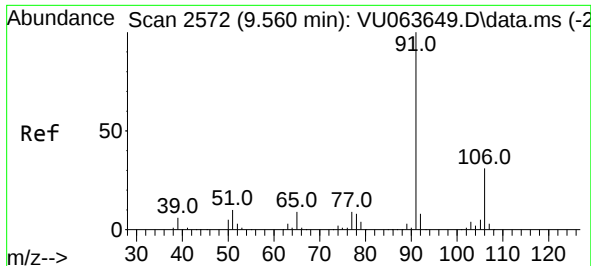
Tgt Ion:112 Resp: 4344
Ion Ratio Lower Upper
112 100
114 38.8 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 0.827 ug/l
RT: 9.524 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU063646.D
Acq: 25 Sep 2025 17:07

Tgt Ion:131 Resp: 1047
Ion Ratio Lower Upper
131 100
133 103.4 48.4 145.3
119 0.0 33.2 99.6#





#67

Ethyl Benzene

Concen: 1.001 ug/l

RT: 9.563 min Scan# 2

Delta R.T. 0.003 min

Lab File: VU063646.D

Acq: 25 Sep 2025 17:07

Instrument :

MSVOA_U

ClientSampleId :

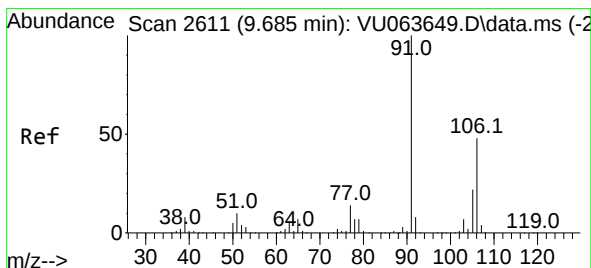
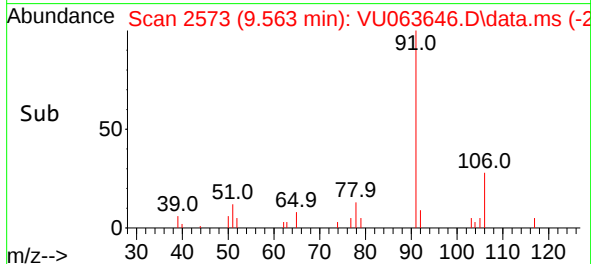
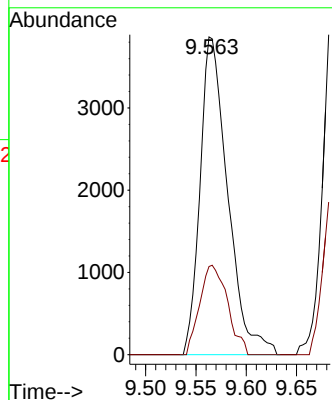
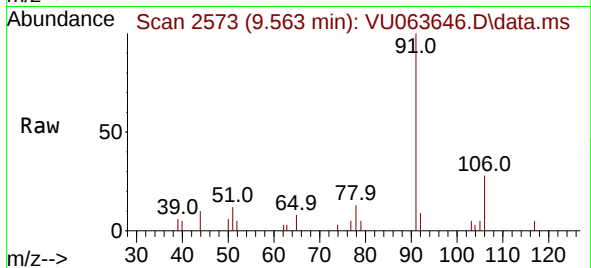
VSTDIC001

Tgt Ion: 91 Resp: 7378

Ion Ratio Lower Upper

91 100

106 27.7 24.8 37.2



#68

m/p-Xylenes

Concen: 1.799 ug/l

RT: 9.695 min Scan# 2614

Delta R.T. 0.010 min

Lab File: VU063646.D

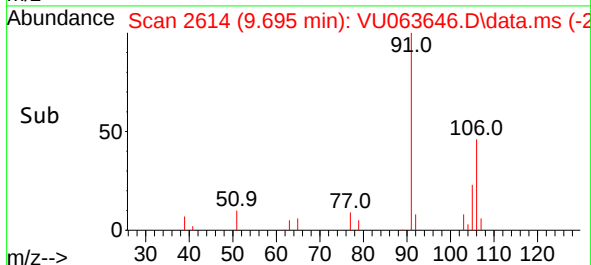
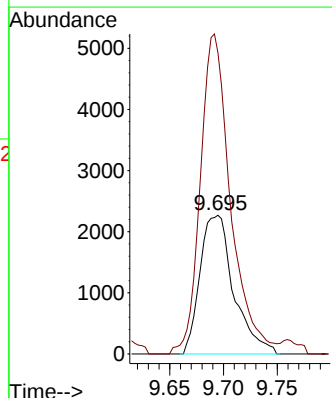
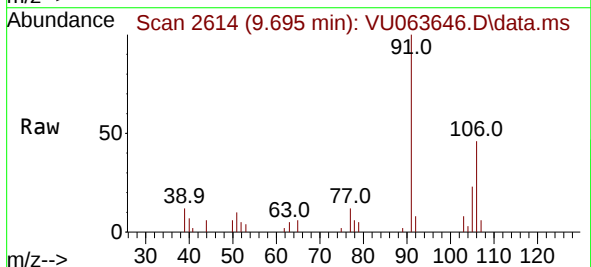
Acq: 25 Sep 2025 17:07

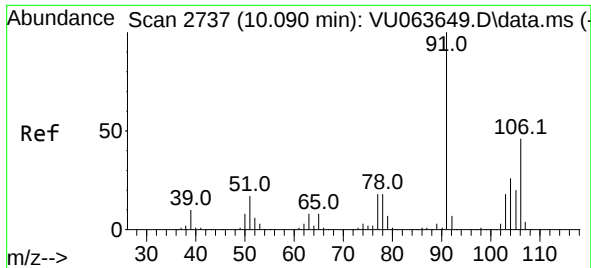
Tgt Ion: 106 Resp: 4949

Ion Ratio Lower Upper

106 100

91 207.2 166.6 249.8

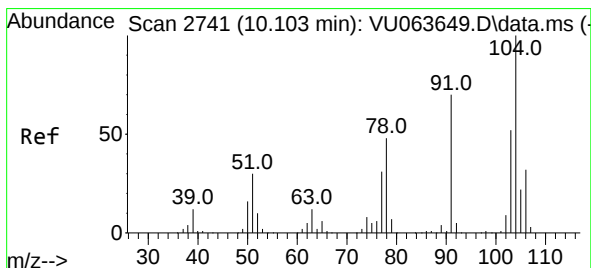
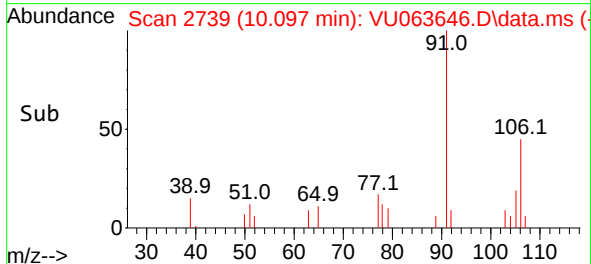
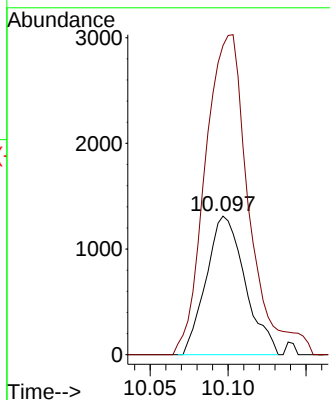
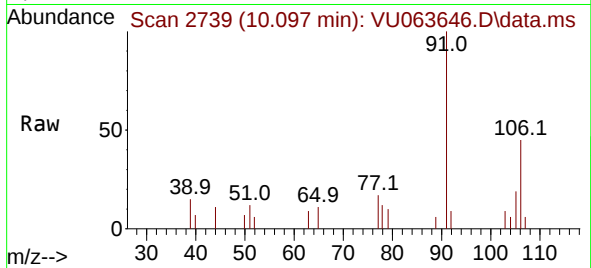




#69
o-Xylene
Concen: 0.853 ug/l
RT: 10.097 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU063646.D
Acq: 25 Sep 2025 17:07

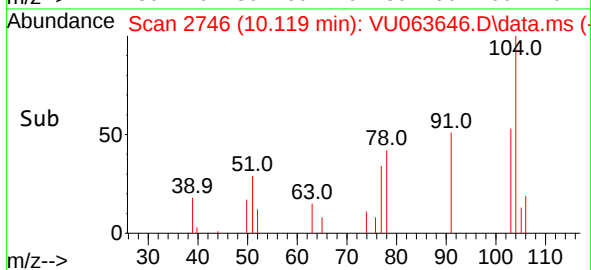
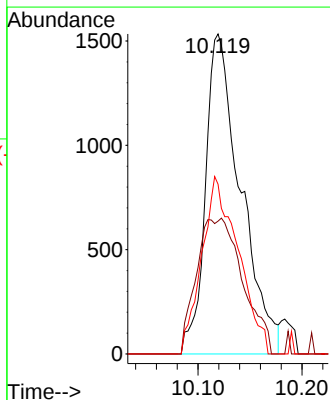
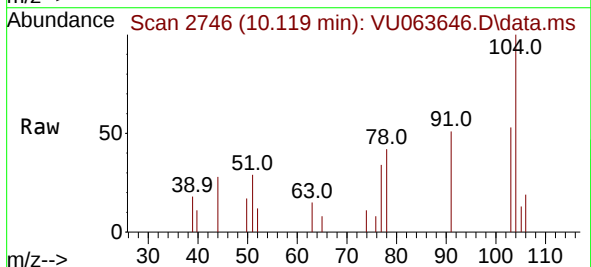
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

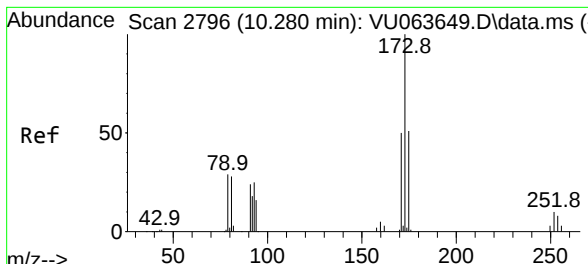
Tgt Ion:106 Resp: 2273
Ion Ratio Lower Upper
106 100
91 259.2 111.1 333.3



#70
Styrene
Concen: 0.835 ug/l
RT: 10.119 min Scan# 2746
Delta R.T. 0.016 min
Lab File: VU063646.D
Acq: 25 Sep 2025 17:07

Tgt Ion:104 Resp: 3609
Ion Ratio Lower Upper
104 100
78 23.7 42.2 63.4#
103 57.4 44.9 67.3

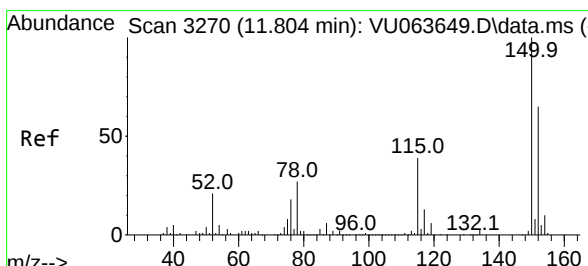
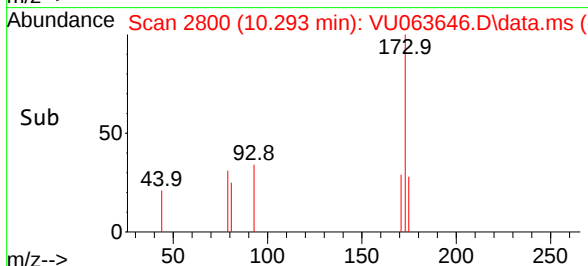
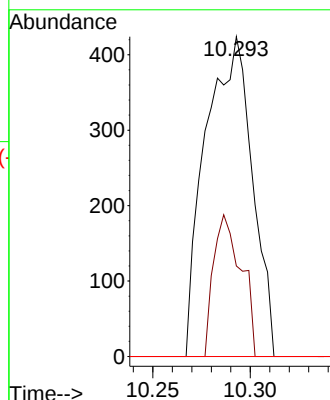
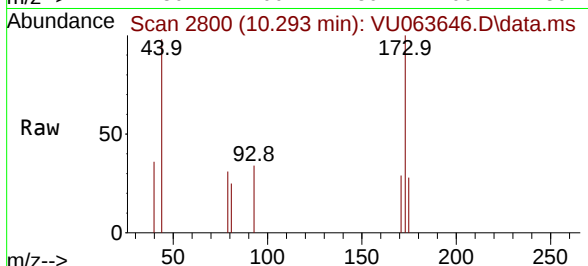




#71
Bromoform
Concen: 5.071 ug/l
RT: 10.293 min Scan# 21
Delta R.T. 0.013 min
Lab File: VU063646.D
Acq: 25 Sep 2025 17:07

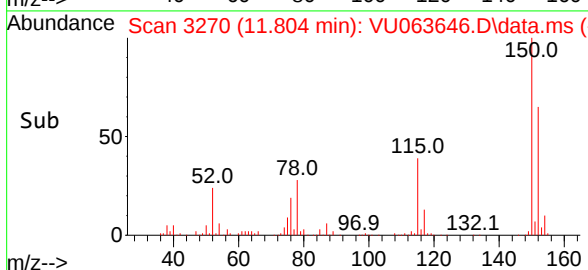
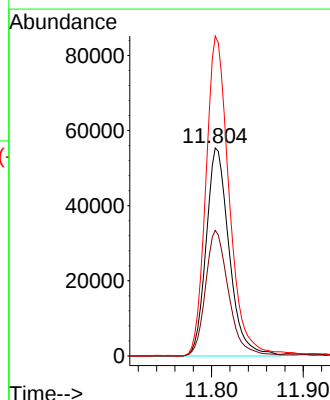
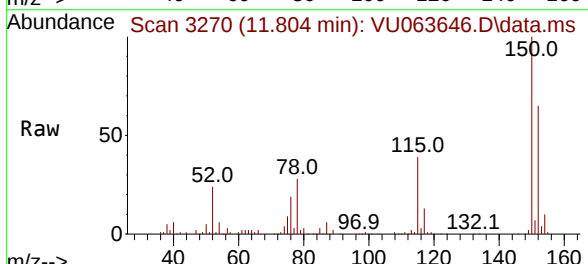
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

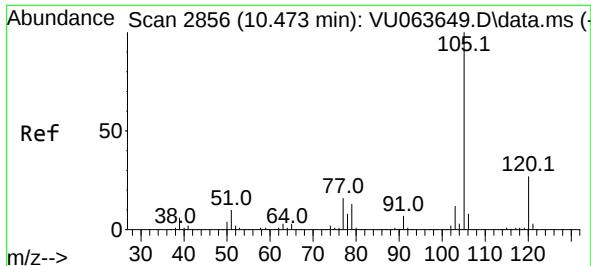
Tgt Ion:	173	Resp:	705
Ion Ratio	Lower	Upper	
173	100		
175	26.2	24.3	72.8
254	0.0	0.0	0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.804 min Scan# 3270
Delta R.T. 0.000 min
Lab File: VU063646.D
Acq: 25 Sep 2025 17:07

Tgt Ion:	152	Resp:	96712
Ion Ratio	Lower	Upper	
152	100		
115	60.7	42.3	126.8
150	156.2	0.0	340.8

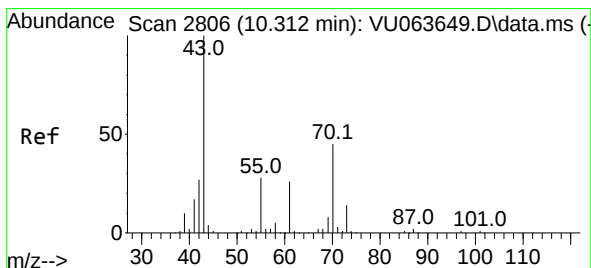
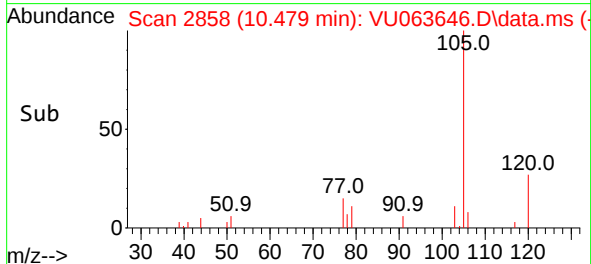
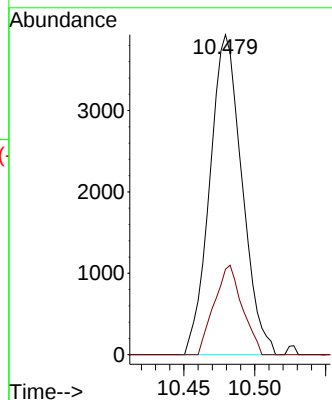
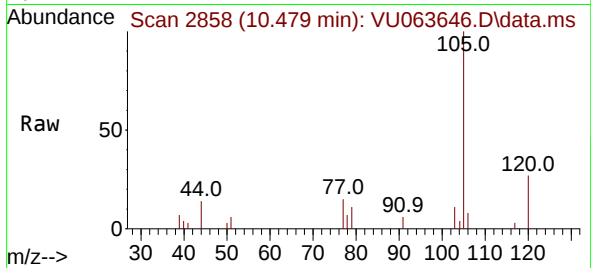




#73
Isopropylbenzene
Concen: 1.012 ug/l
RT: 10.479 min Scan# 2856
Delta R.T. 0.006 min
Lab File: VU063646.D
Acq: 25 Sep 2025 17:07

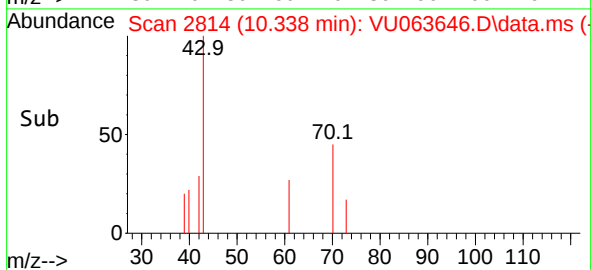
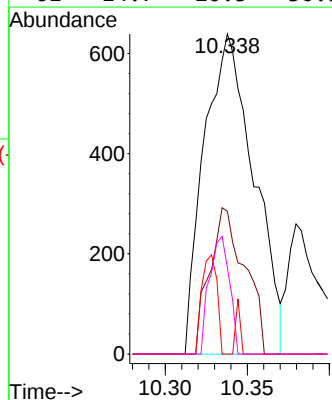
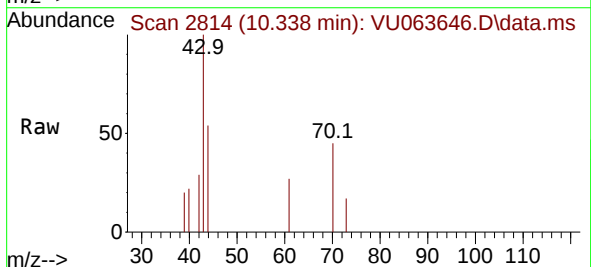
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

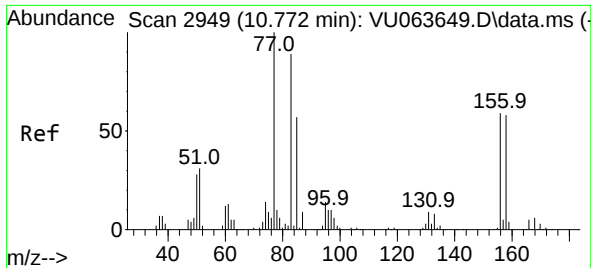
Tgt Ion:105 Resp: 6217
Ion Ratio Lower Upper
105 100
120 24.2 13.5 40.4



#74
N-ethyl acetate
Concen: 0.630 ug/l
RT: 10.338 min Scan# 2814
Delta R.T. 0.026 min
Lab File: VU063646.D
Acq: 25 Sep 2025 17:07

Tgt Ion: 43 Resp: 1344
Ion Ratio Lower Upper
43 100
70 32.3 35.5 53.3#
55 1.6 21.6 32.4#
61 14.7 20.3 30.5#

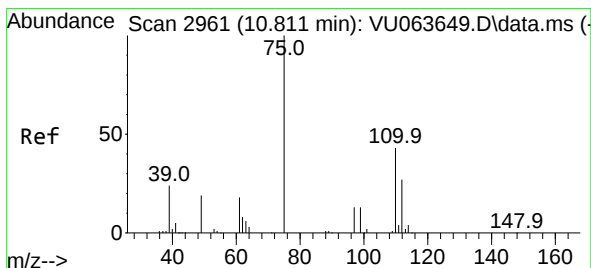
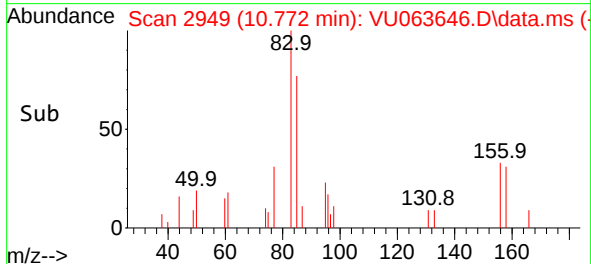
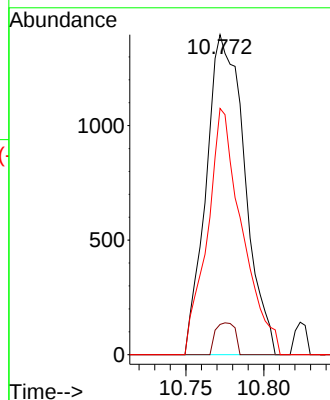
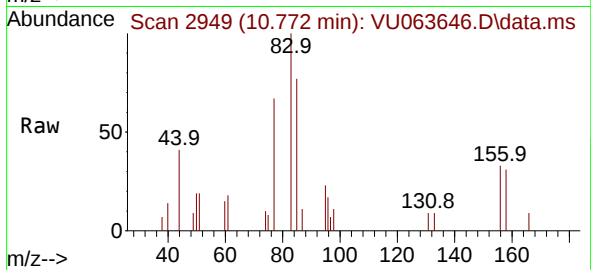




#75
 1,1,2,2-Tetrachloroethane
 Concen: 1.059 ug/l
 RT: 10.772 min Scan# 2949
 Delta R.T. -0.000 min
 Lab File: VU063646.D
 Acq: 25 Sep 2025 17:07

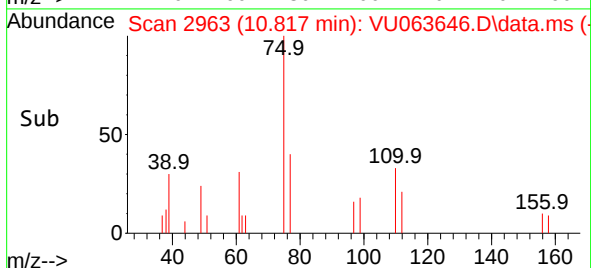
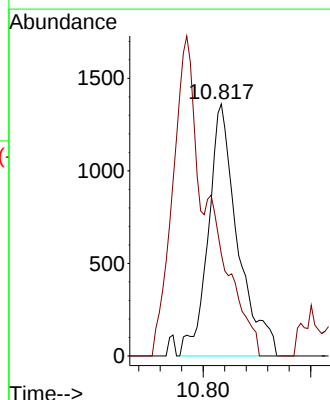
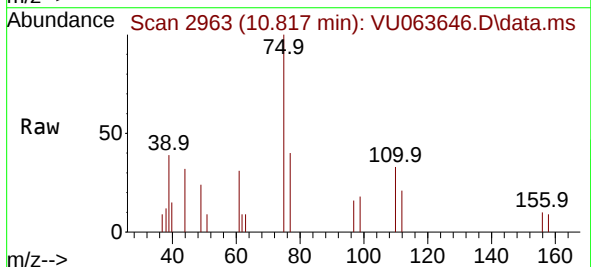
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

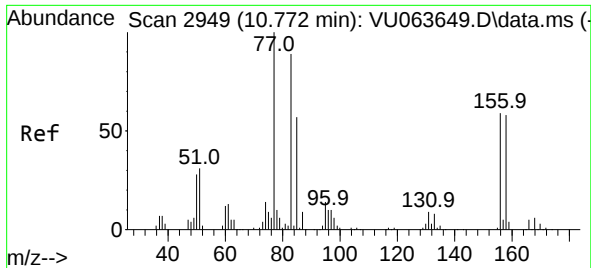
Tgt Ion: 83 Resp: 2402
 Ion Ratio Lower Upper
 83 100
 131 5.1 4.8 14.4
 85 69.4 31.8 95.4



#76
 1,2,3-Trichloropropane
 Concen: 1.103 ug/l
 RT: 10.817 min Scan# 2963
 Delta R.T. 0.006 min
 Lab File: VU063646.D
 Acq: 25 Sep 2025 17:07

Tgt Ion: 75 Resp: 2581
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

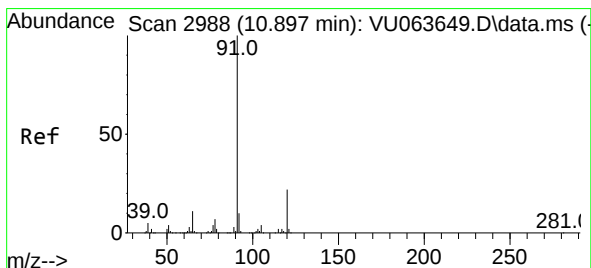
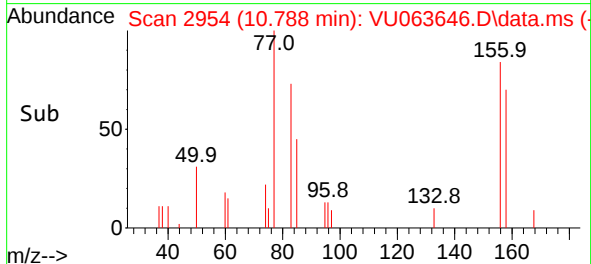
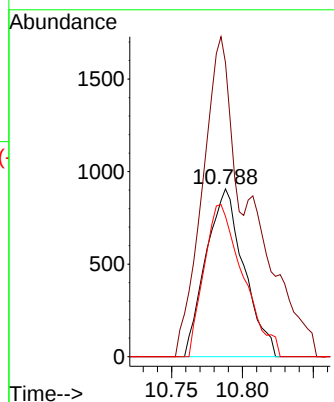
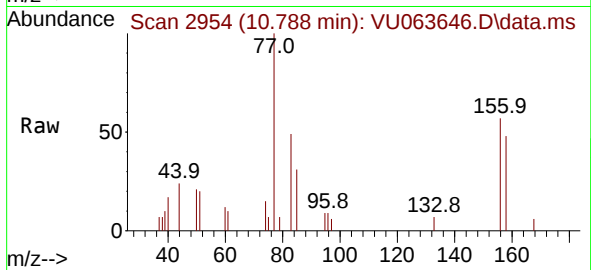




#77
Bromobenzene
Concen: 1.081 ug/l
RT: 10.788 min Scan# 2949
Delta R.T. 0.016 min
Lab File: VU063646.D
Acq: 25 Sep 2025 17:07

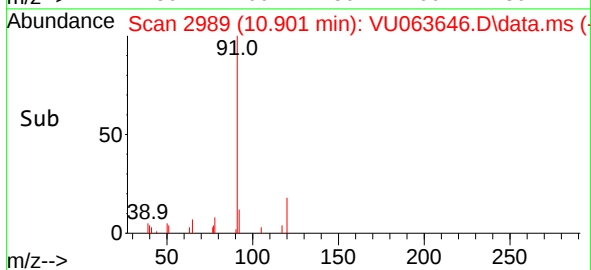
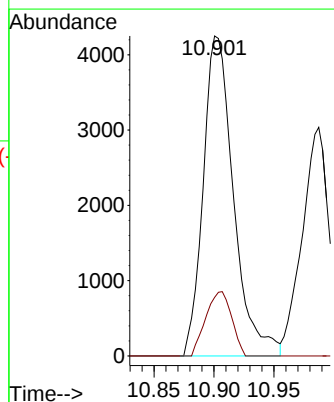
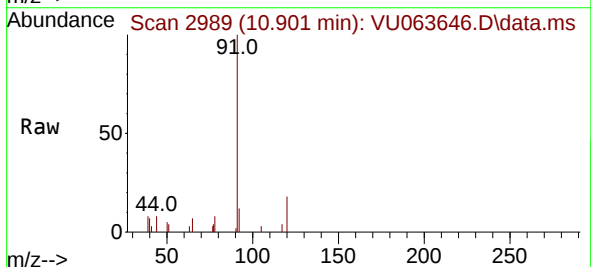
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

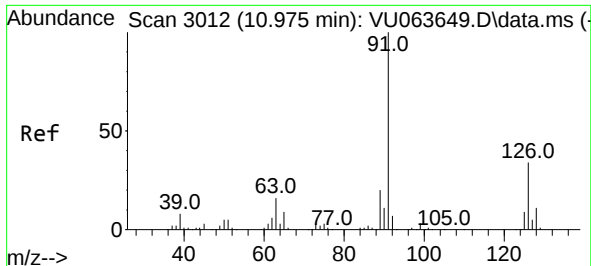
Tgt Ion:	156	Resp:	1691
Ion	Ratio	Lower	Upper
156	100		
77	162.5	81.6	244.8
158	92.8	49.3	147.9



#78
n-propylbenzene
Concen: 1.031 ug/l
RT: 10.901 min Scan# 2989
Delta R.T. 0.003 min
Lab File: VU063646.D
Acq: 25 Sep 2025 17:07

Tgt Ion:	91	Resp:	7482
Ion	Ratio	Lower	Upper
91	100		
120	17.1	11.2	33.6

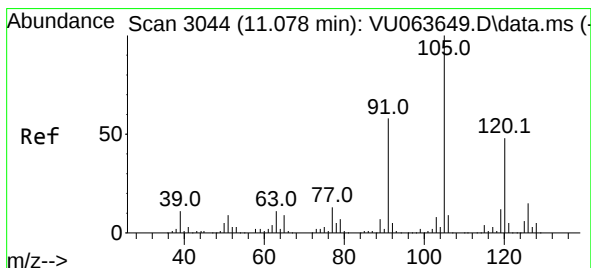
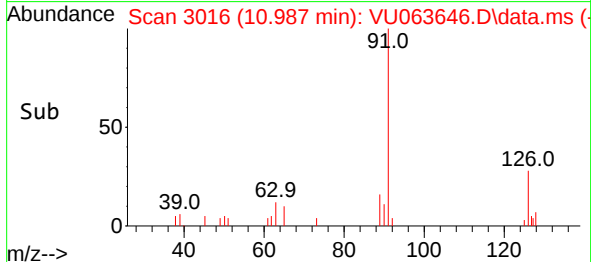
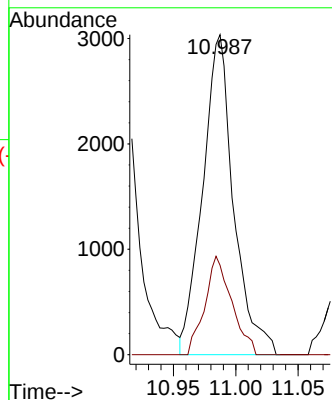
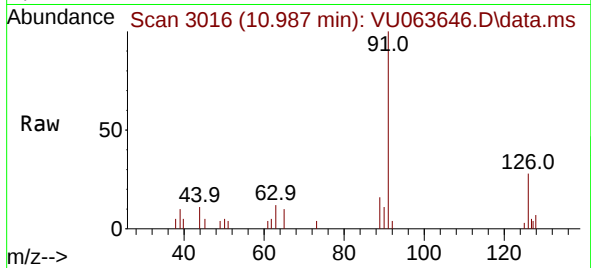




#79
2-Chlorotoluene
Concen: 1.132 ug/l
RT: 10.987 min Scan# 3012
Delta R.T. 0.013 min
Lab File: VU063646.D
Acq: 25 Sep 2025 17:07

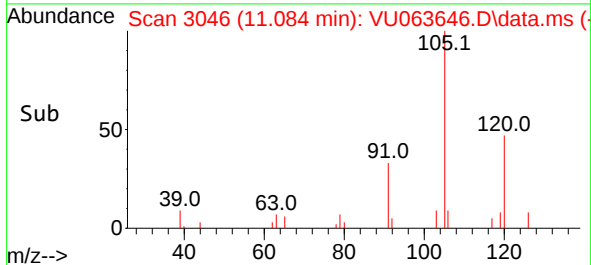
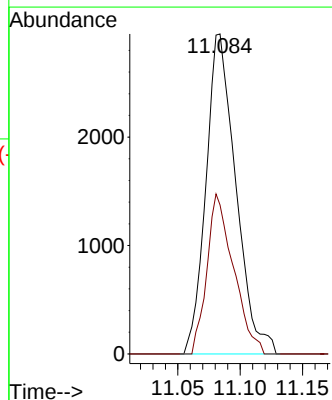
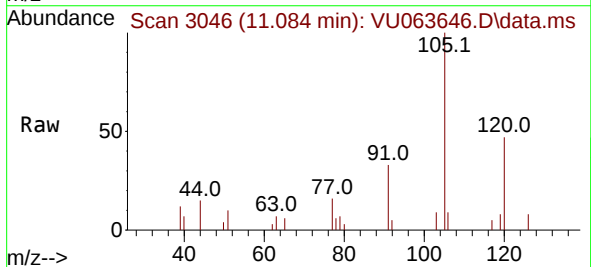
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

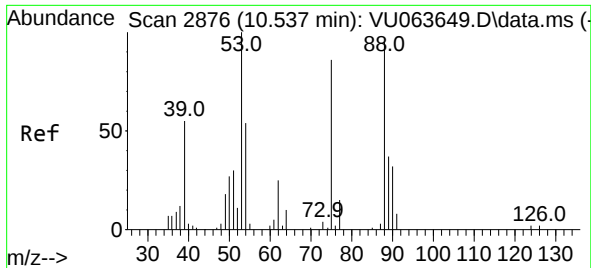
Tgt Ion: 91 Resp: 5230
Ion Ratio Lower Upper
91 100
126 26.7 16.8 50.4



#80
1,3,5-Trimethylbenzene
Concen: 0.948 ug/l
RT: 11.084 min Scan# 3046
Delta R.T. 0.006 min
Lab File: VU063646.D
Acq: 25 Sep 2025 17:07

Tgt Ion: 105 Resp: 4917
Ion Ratio Lower Upper
105 100
120 44.4 24.3 72.9

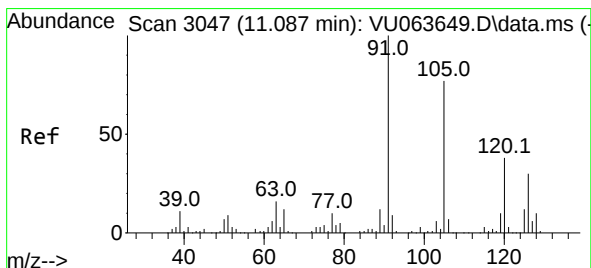
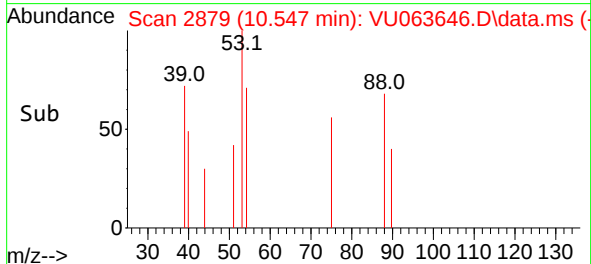
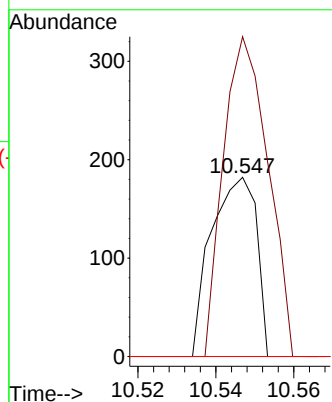
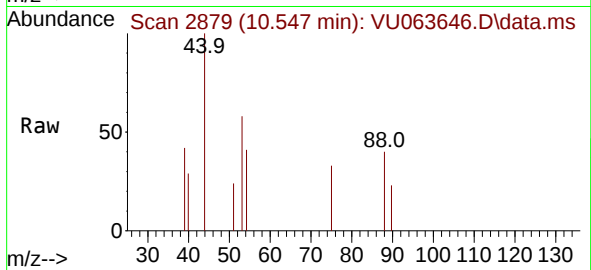




#81
trans-1,4-Dichloro-2-butene
Concen: 0.398 ug/l
RT: 10.547 min Scan# 21
Delta R.T. 0.010 min
Lab File: VU063646.D
Acq: 25 Sep 2025 17:07

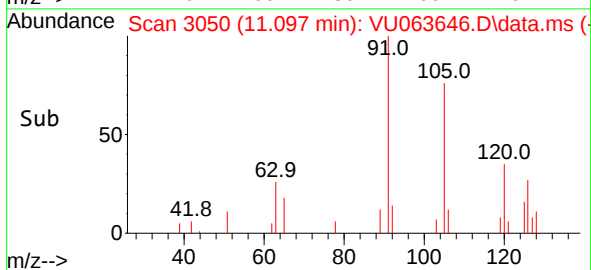
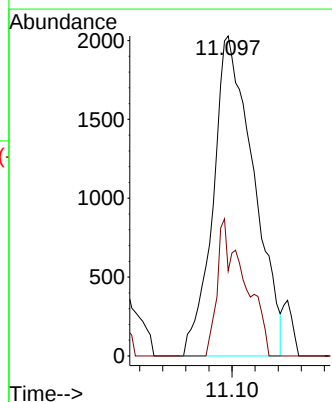
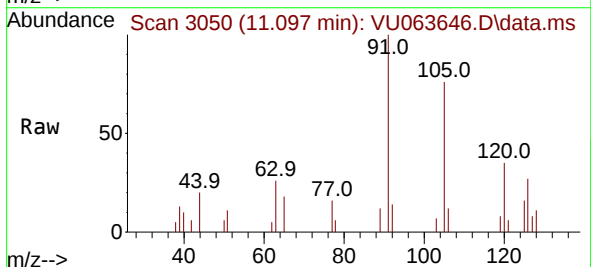
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

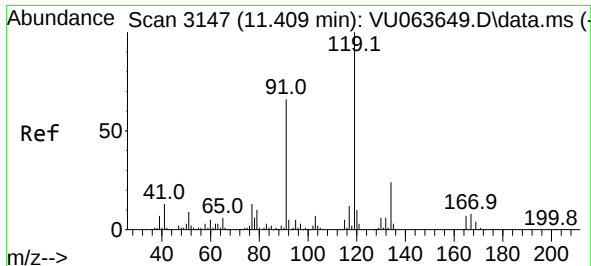
Tgt Ion: 75 Resp: 147
Ion Ratio Lower Upper
75 100
53 175.5 94.6 142.0#
89 0.0 37.4 56.2#



#82
4-Chlorotoluene
Concen: 0.971 ug/l
RT: 11.097 min Scan# 3050
Delta R.T. 0.010 min
Lab File: VU063646.D
Acq: 25 Sep 2025 17:07

Tgt Ion: 91 Resp: 4928
Ion Ratio Lower Upper
91 100
126 28.8 14.6 44.0

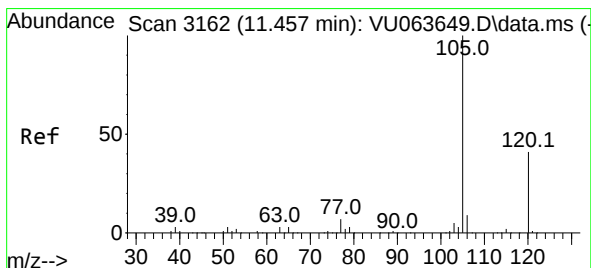
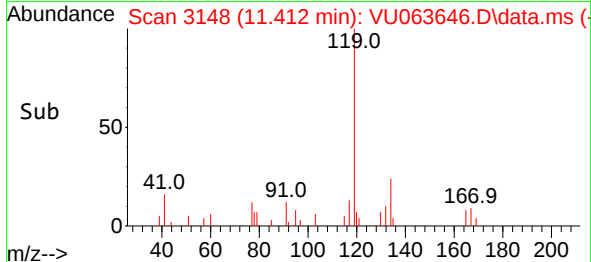
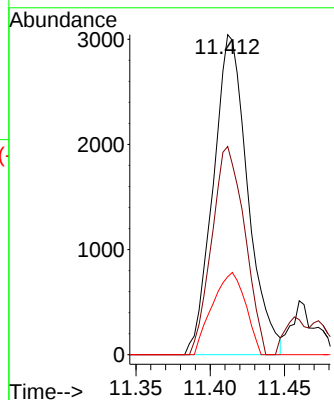
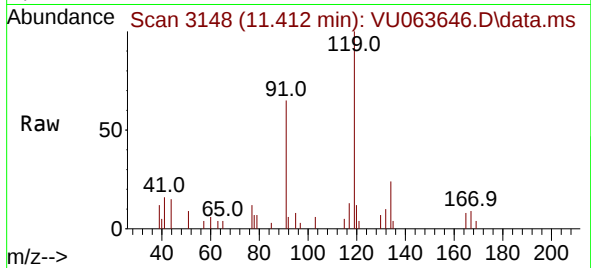




#83
tert-Butylbenzene
Concen: 0.985 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. 0.003 min
Lab File: VU063646.D
Acq: 25 Sep 2025 17:07

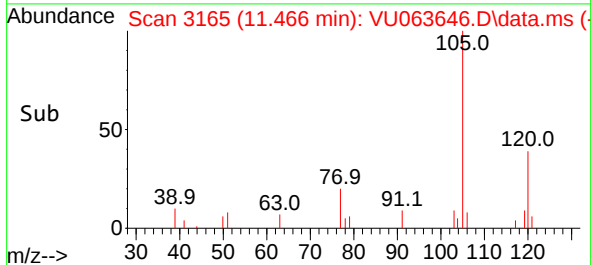
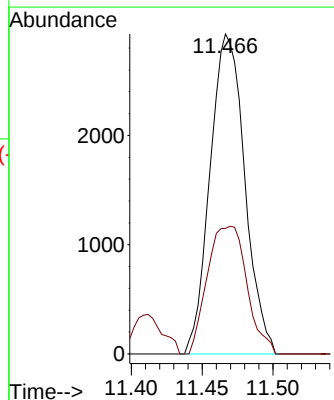
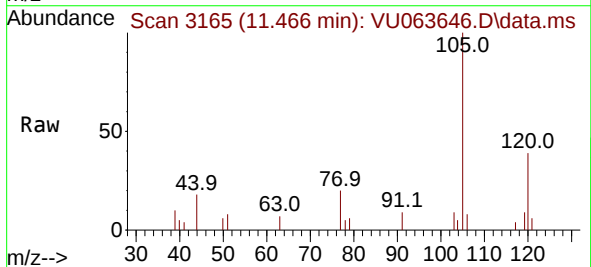
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

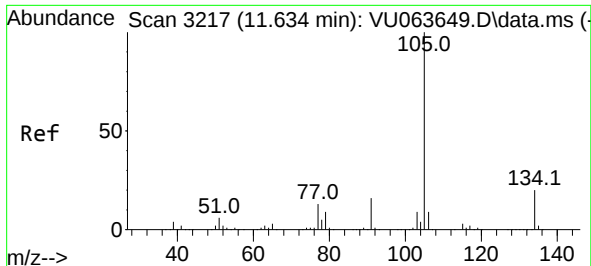
Tgt Ion:	119	Resp:	4916
Ion	Ratio	Lower	Upper
119	100		
91	61.9	31.5	94.5
134	24.7	12.0	36.0



#84
1,2,4-Trimethylbenzene
Concen: 0.977 ug/l
RT: 11.466 min Scan# 3165
Delta R.T. 0.010 min
Lab File: VU063646.D
Acq: 25 Sep 2025 17:07

Tgt Ion:	105	Resp:	4991
Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.6	67.7

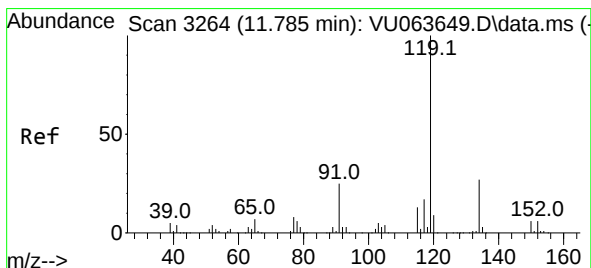
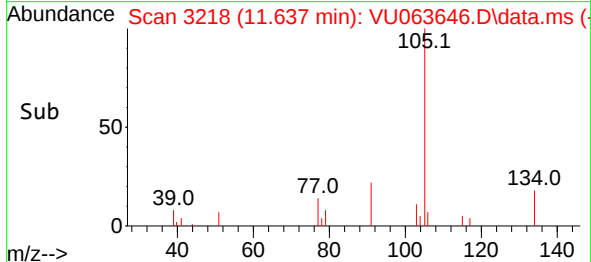
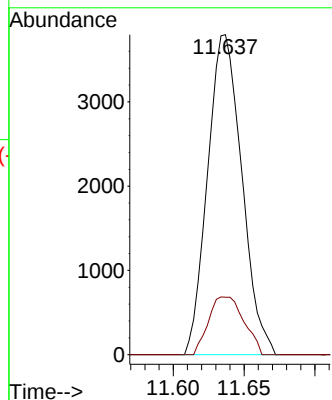
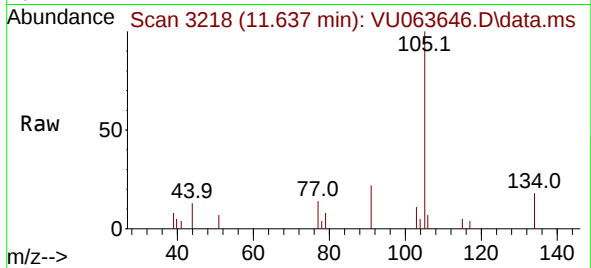




#85
sec-Butylbenzene
Concen: 0.981 ug/l
RT: 11.637 min Scan# 3217
Delta R.T. 0.003 min
Lab File: VU063646.D
Acq: 25 Sep 2025 17:07

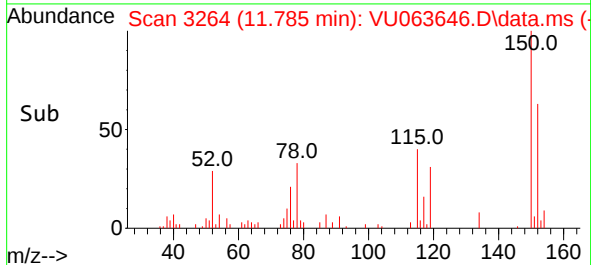
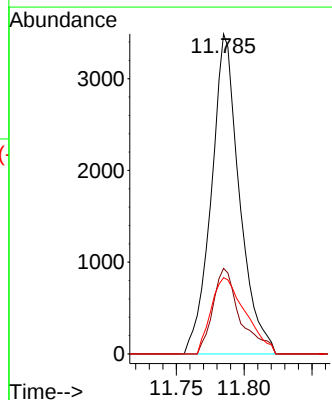
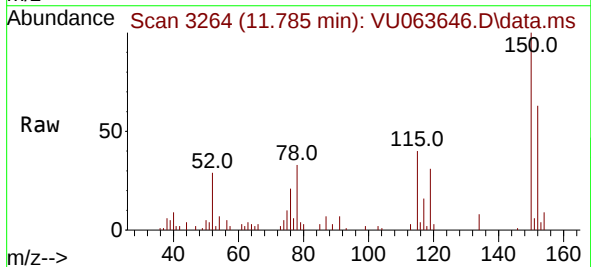
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

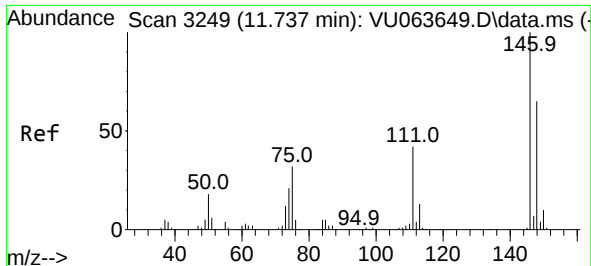
Tgt Ion:105 Resp: 6393
Ion Ratio Lower Upper
105 100
134 18.6 10.0 29.8



#86
p-Isopropyltoluene
Concen: 0.939 ug/l
RT: 11.785 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU063646.D
Acq: 25 Sep 2025 17:07

Tgt Ion:119 Resp: 5030
Ion Ratio Lower Upper
119 100
134 26.2 13.4 40.1
91 29.0 12.7 38.1





#87

1,3-Dichlorobenzene

Concen: 1.035 ug/l

RT: 11.746 min Scan# 31

Delta R.T. 0.010 min

Lab File: VU063646.D

Acq: 25 Sep 2025 17:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

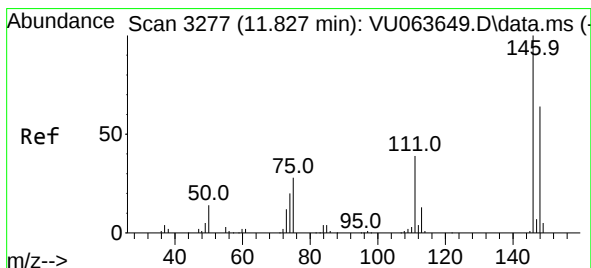
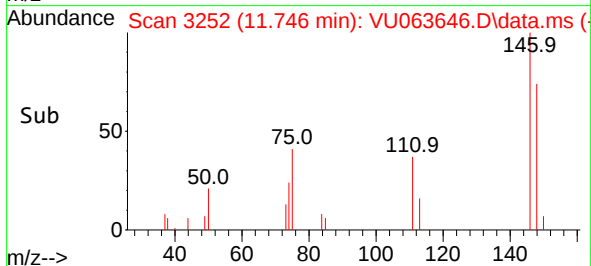
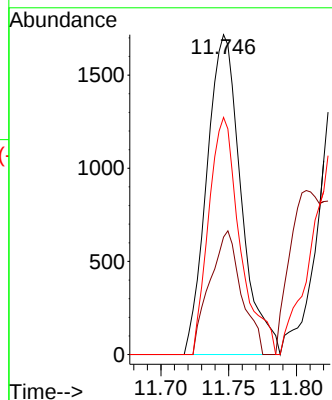
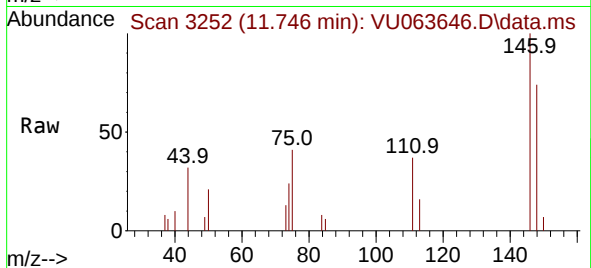
Tgt Ion:146 Resp: 3017

Ion Ratio Lower Upper

146 100

111 35.8 20.8 62.5

148 68.1 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 0.987 ug/l

RT: 11.746 min Scan# 3252

Delta R.T. -0.081 min

Lab File: VU063646.D

Acq: 25 Sep 2025 17:07

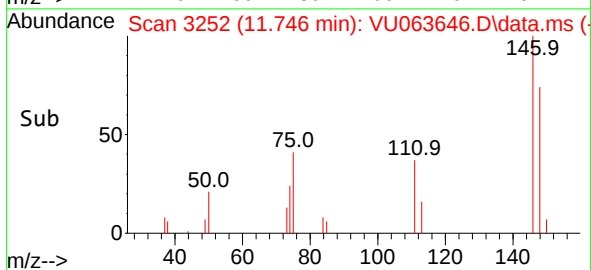
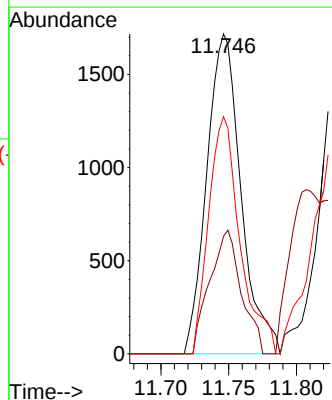
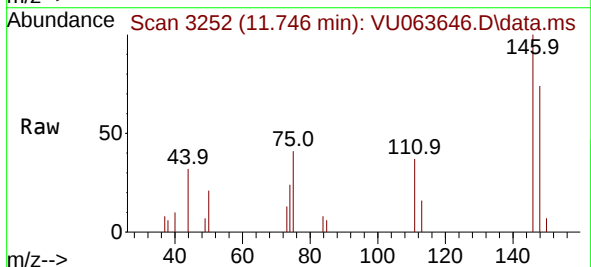
Tgt Ion:146 Resp: 3017

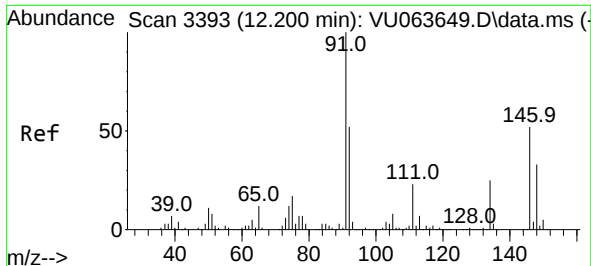
Ion Ratio Lower Upper

146 100

111 35.8 20.3 60.8

148 68.1 31.7 95.1





#89

n-Butylbenzene

Concen: 0.830 ug/l

RT: 12.209 min Scan# 3393

Delta R.T. 0.009 min

Lab File: VU063646.D

Acq: 25 Sep 2025 17:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

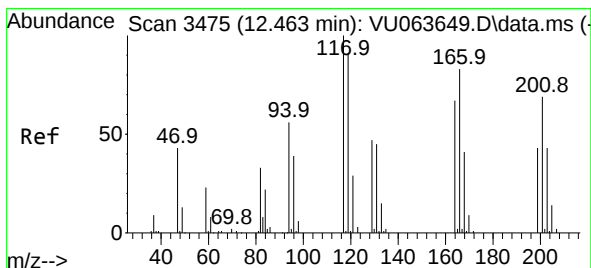
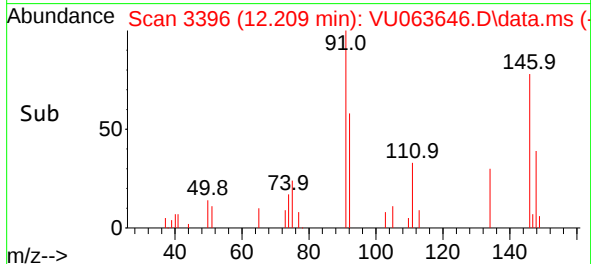
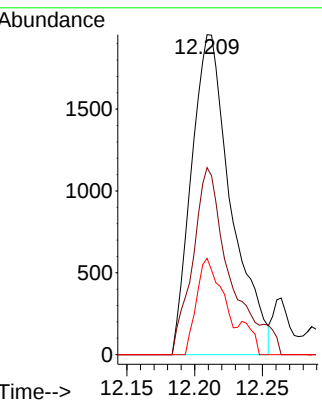
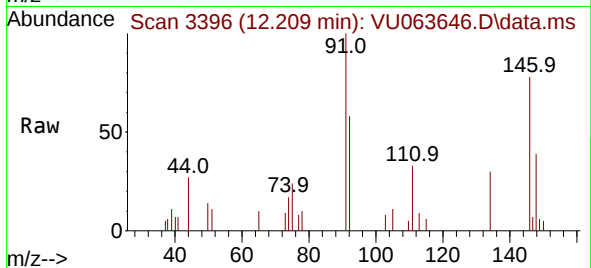
Tgt Ion: 91 Resp: 3961

Ion Ratio Lower Upper

91 100

92 55.1 26.0 78.0

134 20.7 12.4 37.4



#90

Hexachloroethane

Concen: 3.750 ug/l

RT: 12.463 min Scan# 3475

Delta R.T. 0.000 min

Lab File: VU063646.D

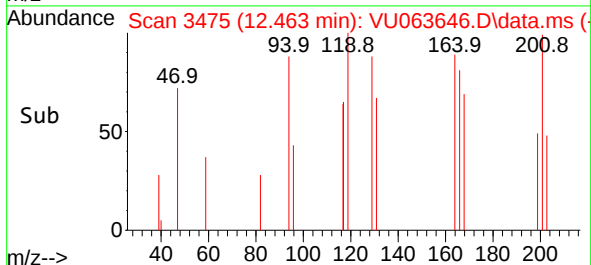
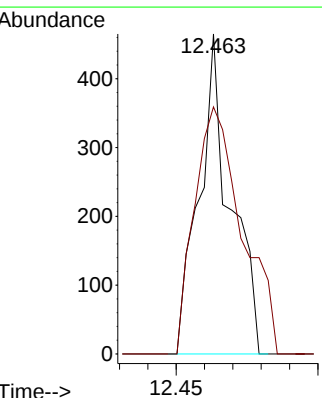
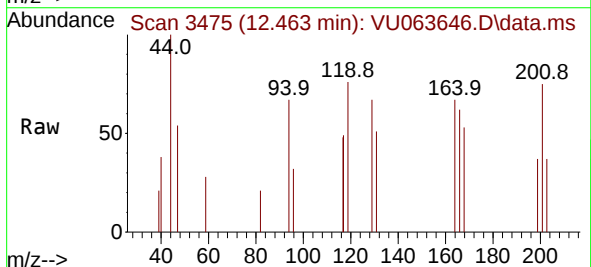
Acq: 25 Sep 2025 17:07

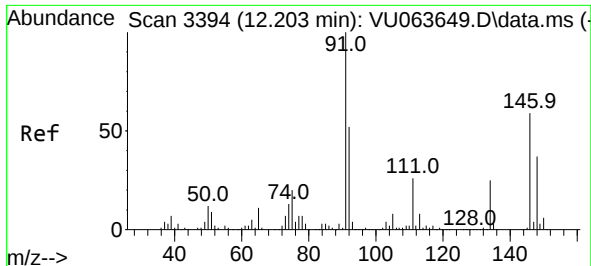
Tgt Ion: 117 Resp: 354

Ion Ratio Lower Upper

117 100

201 118.1 35.8 107.3#

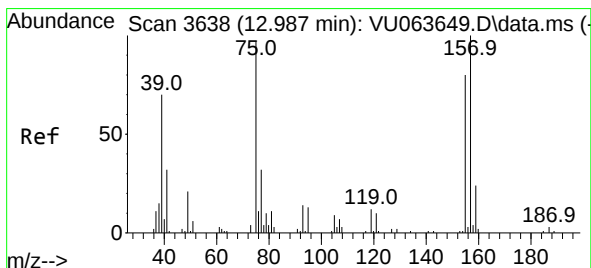
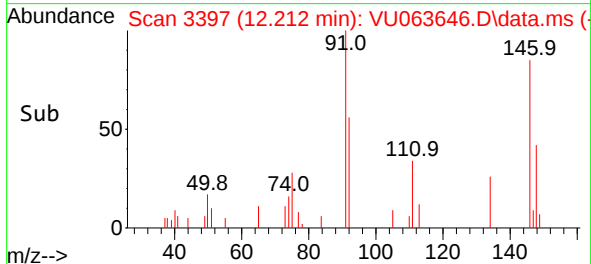
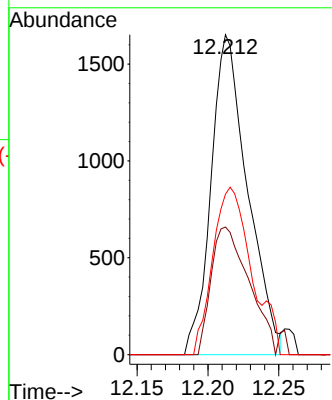
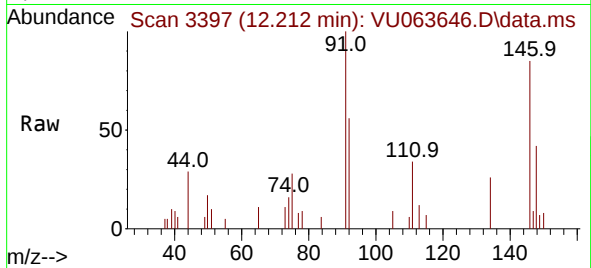




#91
 1,2-Dichlorobenzene
 Concen: 1.040 ug/l
 RT: 12.212 min Scan# 31
 Delta R.T. 0.010 min
 Lab File: VU063646.D
 Acq: 25 Sep 2025 17:07

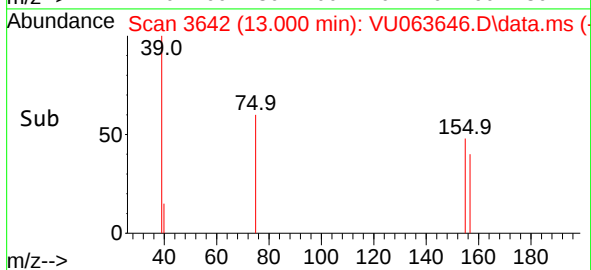
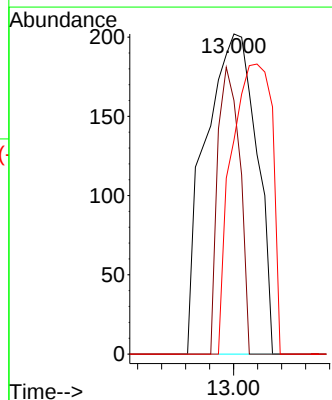
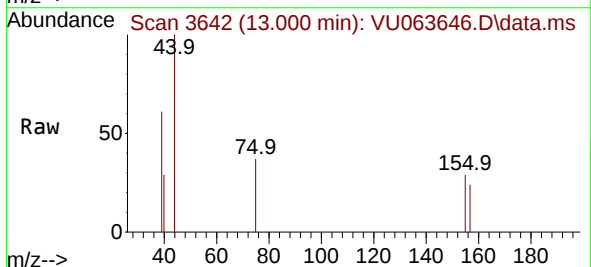
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

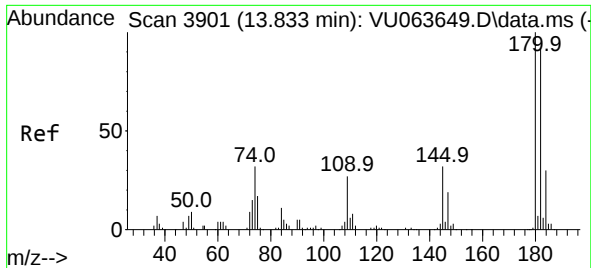
Tgt Ion:	146	Resp:	2961
Ion	Ratio	Lower	Upper
146	100		
111	41.4	21.7	65.1
148	55.5	32.0	96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.711 ug/l
 RT: 13.000 min Scan# 3642
 Delta R.T. 0.013 min
 Lab File: VU063646.D
 Acq: 25 Sep 2025 17:07

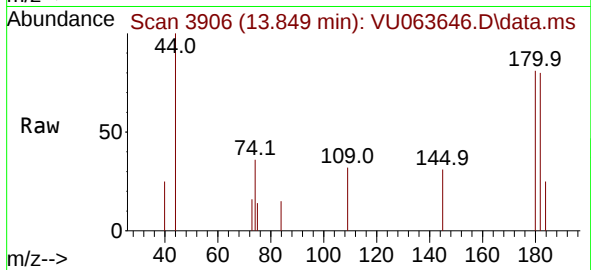
Tgt Ion:	75	Resp:	299
Ion	Ratio	Lower	Upper
75	100		
155	38.5	39.3	117.8#
157	71.6	50.8	152.4



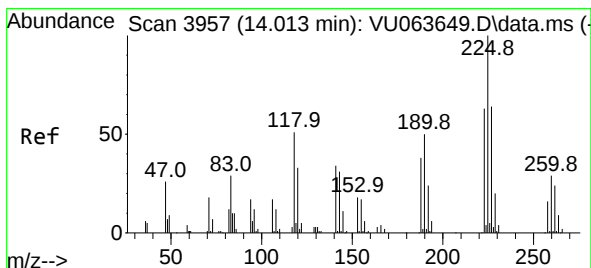
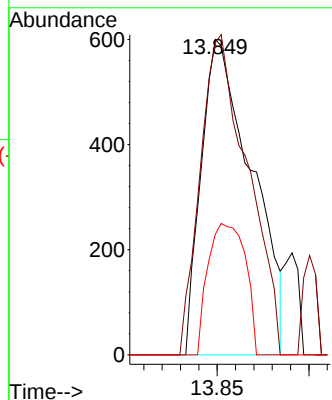
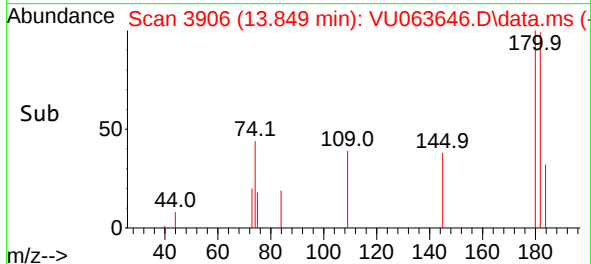


#93
1,2,4-Trichlorobenzene
Concen: 0.703 ug/l
RT: 13.849 min Scan# 3906
Delta R.T. 0.016 min
Lab File: VU063646.D
Acq: 25 Sep 2025 17:07

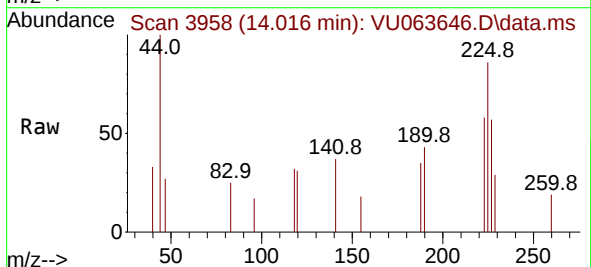
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



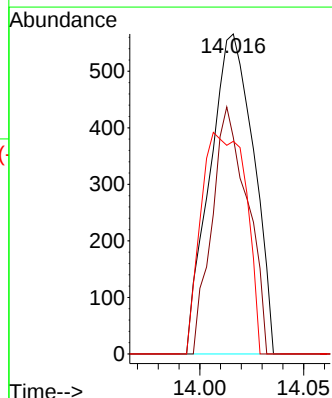
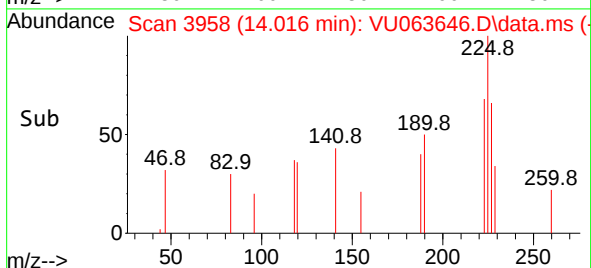
Tgt Ion:180 Resp: 1147
Ion Ratio Lower Upper
180 100
182 95.4 47.0 141.0
145 30.7 16.0 48.0

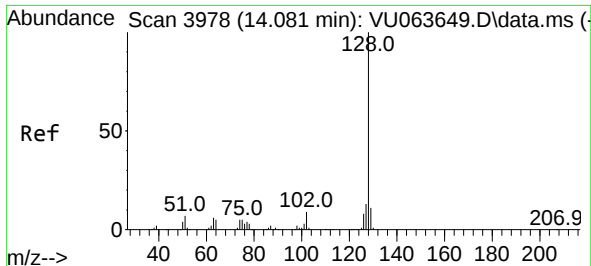


#94
Hexachlorobutadiene
Concen: 1.008 ug/l
RT: 14.016 min Scan# 3958
Delta R.T. 0.003 min
Lab File: VU063646.D
Acq: 25 Sep 2025 17:07



Tgt Ion:225 Resp: 828
Ion Ratio Lower Upper
225 100
223 62.7 31.1 93.3
227 70.8 31.2 93.6

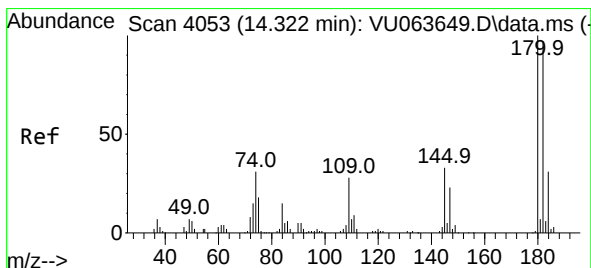
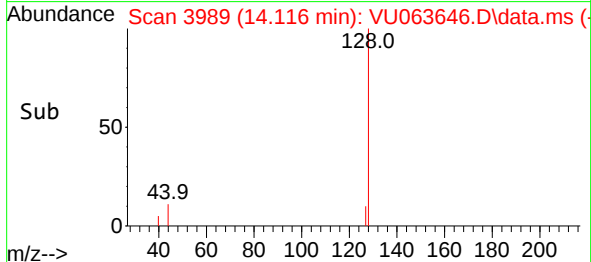
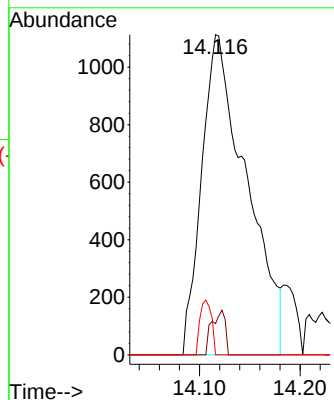
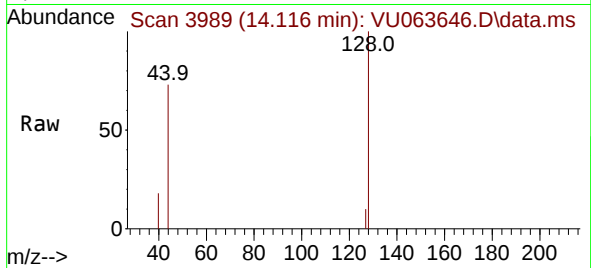




#95
Naphthalene
Concen: 1.478 ug/l
RT: 14.116 min Scan# 3978
Delta R.T. 0.035 min
Lab File: VU063646.D
Acq: 25 Sep 2025 17:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion:128 Resp: 3432
Ion Ratio Lower Upper
128 100
127 4.2 10.3 15.5#
129 4.4 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 0.809 ug/l
RT: 14.344 min Scan# 4060
Delta R.T. 0.022 min
Lab File: VU063646.D
Acq: 25 Sep 2025 17:07

Tgt Ion:180 Resp: 1323
Ion Ratio Lower Upper
180 100
182 93.3 47.1 141.4
145 19.7 16.4 49.1

