

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103125\
 Data File : VU063656.D
 Acq On : 31 Oct 2025 10:04
 Operator : MD/SY
 Sample : VSTDICC001
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC001

Quant Time: Nov 03 00:12:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U103125DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Nov 03 00:08:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.081	96	66318	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.611	95	26588	1.034	ug/l	0.00
Spiked Amount 1.000			Recovery	=	103.000%	
68) 1,2-Dichlorobenzene-d4	12.171	152	24387	0.953	ug/l	0.00
Spiked Amount 1.000			Recovery	=	95.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.374	85	21763	0.964	ug/l	99
3) Chloromethane	1.509	50	22267	1.021	ug/l	100
4) Vinyl Chloride	1.589	62	21642	0.920	ug/l	98
5) Bromomethane	1.833	94	14185	0.982	ug/l	94
6) Chloroethane	1.914	64	13973	0.930	ug/l	97
7) Trichlorofluoromethane	2.116	101	30947	0.900	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.554	101	17138	0.893	ug/l	98
9) 1,1-Dichloroethene	2.557	96	16278	0.930	ug/l	96
10) Iodomethane	2.695	142	19564	0.770	ug/l	94
11) Allyl Chloride	2.894	41	25638	0.892	ug/l	98
12) Acrylonitrile	3.284	53	7811	1.510	ug/l	# 90
13) Acetone	2.605	43	37319	4.849	ug/l	100
14) Carbon Disulfide	2.763	76	46374	1.201	ug/l	99
15) Methylene Chloride	3.013	84	21699	0.948	ug/l	97
16) trans-1,2-Dichloroethene	3.319	96	18253	0.969	ug/l	99
17) 1,1-Dichloroethane	3.830	63	35341	0.841	ug/l	99
18) 2-Butanone	4.692	43	37621	4.390	ug/l	97
19) Cyclohexane	5.341	56	27135	0.811	ug/l	97
20) Methylcyclohexane	6.727	83	34235	1.064	ug/l	96
21) 2,2-Dichloropropane	4.624	77	30878	0.963	ug/l	100
22) cis-1,2-Dichloroethene	4.634	96	20099	0.882	ug/l	99
23) Diethyl Ether	2.357	59	13042	0.845	ug/l	96
24) tert-Butyl Alcohol	3.171	59	23179	10.883	ug/l	95
25) Methyl tert-Butyl Ether	3.341	73	47756	0.914	ug/l	92
26) Bromochloromethane	4.939	128	8792	0.950	ug/l	98
27) Chloroform	5.052	83	36040	0.856	ug/l	97
28) 1,1,1-Trichloroethane	5.277	97	32142	0.971	ug/l	99
29) 1,1-Dichloropropene	5.486	75	26434	0.866	ug/l	96
30) Carbon Tetrachloride	5.483	117	24075	0.975	ug/l	99
31) Isopropyl Ether	3.972	45	54899	0.785	ug/l	97
32) Ethyl-t-butyl ether	4.483	59	56166	0.922	ug/l	100
33) Tert-Amyl methyl ether	5.923	73	48063	0.920	ug/l	99
34) Propionitrile	4.753	54	8000	4.093	ug/l	# 91
35) Benzene	5.737	78	74881	0.862	ug/l	95
36) 1,2-Dichloroethane	5.763	62	23805	0.814	ug/l	# 92
37) Trichloroethene	6.512	130	22575	1.028	ug/l	93
38) 1,2-Dichloropropane	6.762	63	20309	0.886	ug/l	96
39) Methacrylonitrile	4.955	41	6549	0.710	ug/l	# 88
40) Methyl acrylate	4.833	55	10323	0.816	ug/l	# 95
41) Tetrahydrofuran	5.042	42	7389	1.543	ug/l	95
42) 1-Chlorobutane	5.422	56	33574	0.789	ug/l	97
43) Dibromomethane	6.891	93	11257	0.992	ug/l	99
44) Bromodichloromethane	7.081	83	26071	1.058	ug/l	98

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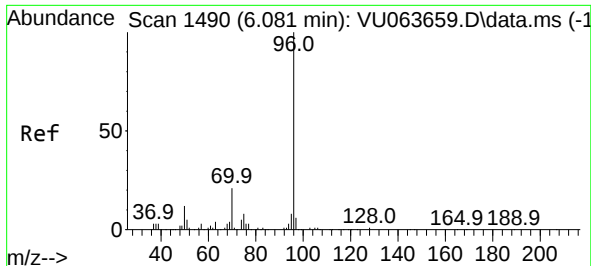
Quant Time: Nov 03 00:12:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U103125DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Nov 03 00:08:51 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.779	43	67542	4.794	ug/l	99
46) t-1,4-Dichloro-2-butene	10.801	75	22929	4.432	ug/l #	55
47) Methyl methacrylate	6.949	69	19634	1.915	ug/l	94
48) Ethyl methacrylate	8.319	69	20413	1.058	ug/l	100
49) Toluene	7.942	92	51950	1.065	ug/l	99
50) t-1,3-Dichloropropene	8.190	75	22926	1.204	ug/l	100
51) cis-1,3-Dichloropropene	7.582	75	29325	1.177	ug/l	99
52) 1,1,2-Trichloroethane	8.380	97	14861	0.937	ug/l	93
53) 1,3-Dichloropropane	8.553	76	26752	0.967	ug/l	99
54) 2-Hexanone	8.672	43	55754	5.244	ug/l	100
55) Dibromochloromethane	8.785	129	17016	1.068	ug/l	98
56) 1,2-Dibromoethane	8.897	107	13999	1.006	ug/l	98
58) Tetrachloroethene	8.528	164	21302	0.973	ug/l	95
59) Chlorobenzene	9.425	112	55288	0.997	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.508	131	20110	1.101	ug/l	94
61) Pentachloroethane	11.402	117	14120	1.085	ug/l	95
62) Hexachloroethane	12.447	117	14139	1.183	ug/l	97
63) Ethyl Benzene	9.547	91	98934	1.037	ug/l	99
64) m/p-Xylenes	9.669	106	74132	2.028	ug/l	98
65) o-Xylene	10.074	106	35493	0.972	ug/l	96
66) Styrene	10.094	104	57244	0.982	ug/l	98
67) Bromoform	10.267	173	9456	1.180	ug/l	99
69) Isopropylbenzene	10.460	105	88699	0.999	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.759	83	18757	0.931	ug/l	99
71) 1,2,3-Trichloropropane	10.801	75	22929	1.476	ug/l #	86
72) Bromobenzene	10.759	156	21809	0.956	ug/l	99
73) n-propylbenzene	10.881	120	25499	1.001	ug/l	93
74) 2-Chlorotoluene	10.962	126	21936	0.958	ug/l	97
75) 1,3,5-Trimethylbenzene	11.065	105	82047	0.993	ug/l	99
76) 4-Chlorotoluene	11.074	126	21840	0.913	ug/l	97
77) tert-Butylbenzene	11.396	119	81334	1.014	ug/l	99
78) 1,2,4-Trimethylbenzene	11.444	105	75498	0.940	ug/l	97
79) sec-Butylbenzene	11.618	105	104262	0.964	ug/l	99
80) Nitrobenzene	13.200	77	2745	8.158	ug/l	95
81) p-Isopropyltoluene	11.769	119	83889	0.964	ug/l	99
82) 1,3-Dichlorobenzene	11.724	146	40986	0.900	ug/l	99
83) 1,4-Dichlorobenzene	11.814	146	41518	0.888	ug/l	98
84) n-Butylbenzene	12.183	91	74328	0.914	ug/l	98
85) 1,2-Dichlorobenzene	12.190	146	38713	0.883	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.971	75	2813	1.024	ug/l	92
87) 1,2,4-Trichlorobenzene	13.817	180	22717	0.850	ug/l	99
88) Hexachlorobutadiene	13.994	225	13731	0.836	ug/l	95
89) Naphthalene	14.068	128	43406	0.899	ug/l	98
90) 1,2,3-Trichlorobenzene	14.306	180	20495	0.812	ug/l	97

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

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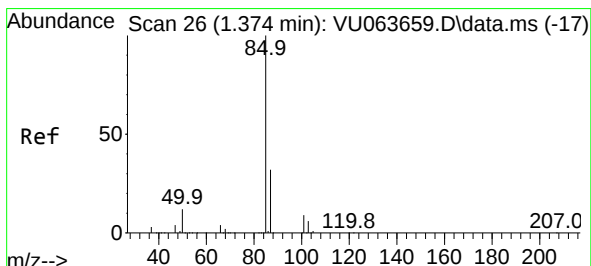
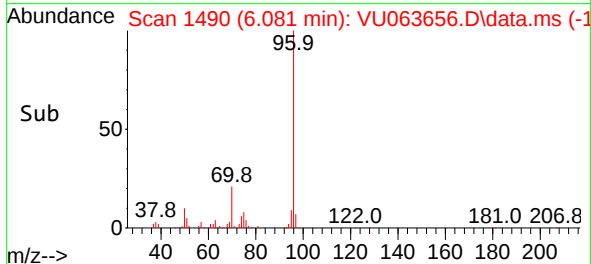
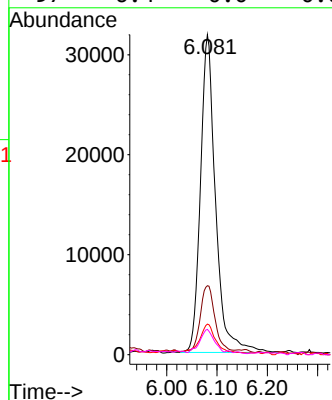
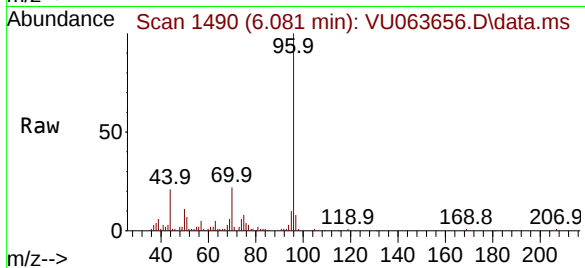




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.081 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

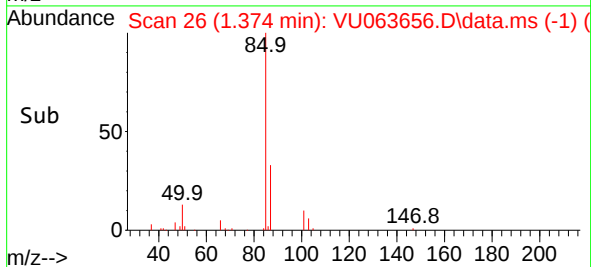
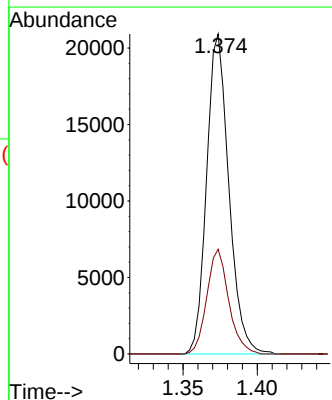
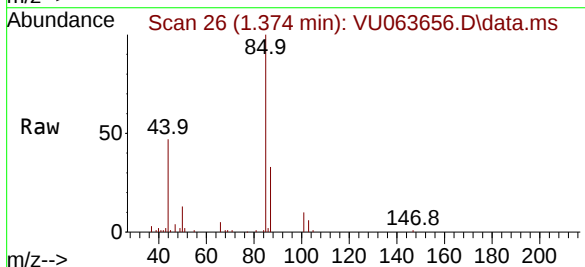
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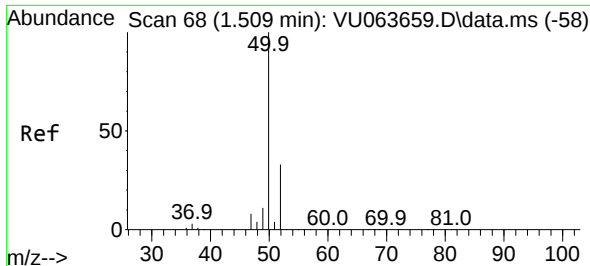
Tgt Ion:	96	Resp:	66318
Ion	Ratio	Lower	Upper
96	100		
70	19.2	15.3	22.9
95	8.5	6.5	9.7
97	6.4	0.0	0.0



#2
Dichlorodifluoromethane
Concen: 0.964 ug/l
RT: 1.374 min Scan# 26
Delta R.T. -0.000 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

Tgt Ion:	85	Resp:	21763
Ion	Ratio	Lower	Upper
85	100		
87	32.7	16.0	47.9

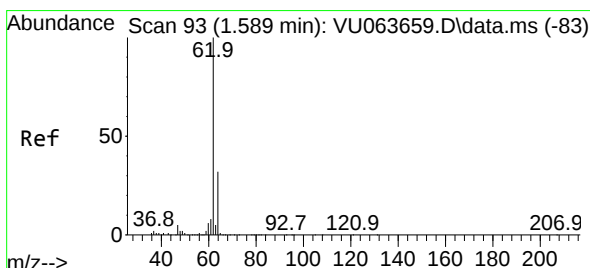
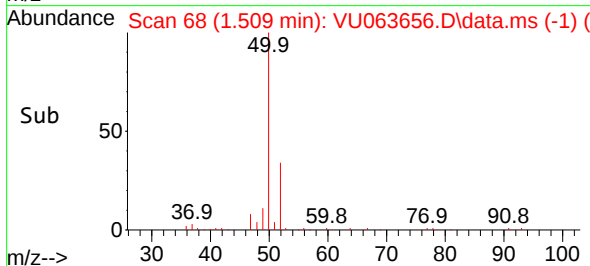
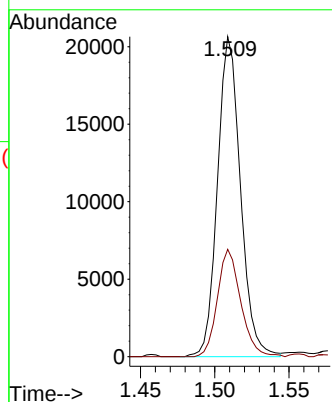
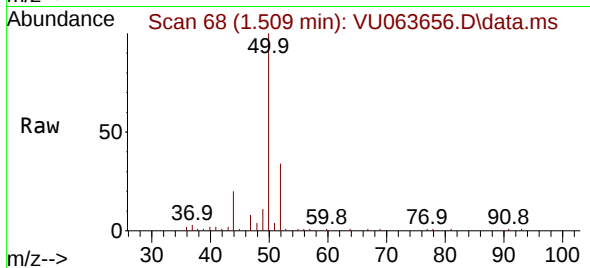




#3
Chloromethane
Concen: 1.021 ug/l
RT: 1.509 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

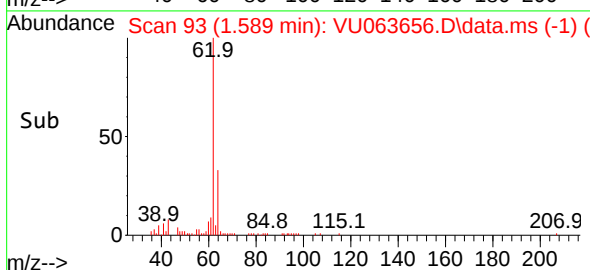
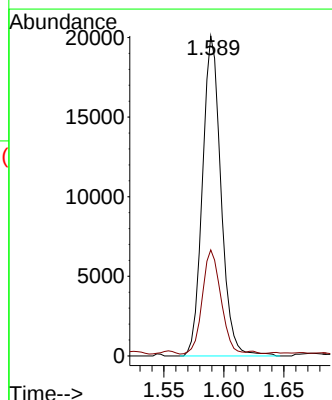
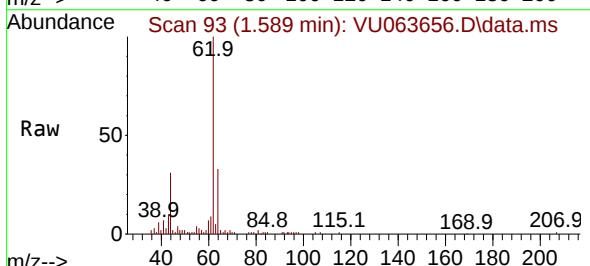
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

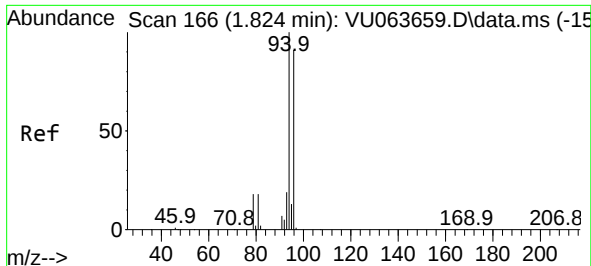
Tgt Ion: 50 Resp: 22267
Ion Ratio Lower Upper
50 100
52 33.6 26.6 40.0



#4
Vinyl Chloride
Concen: 0.920 ug/l
RT: 1.589 min Scan# 93
Delta R.T. -0.000 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

Tgt Ion: 62 Resp: 21642
Ion Ratio Lower Upper
62 100
64 32.6 25.2 37.8

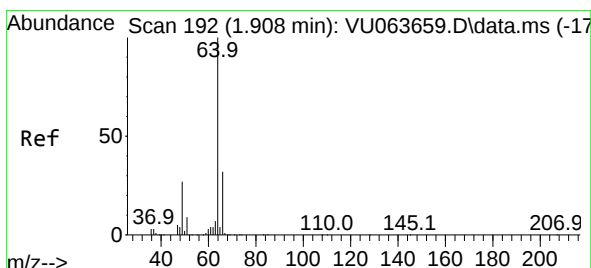
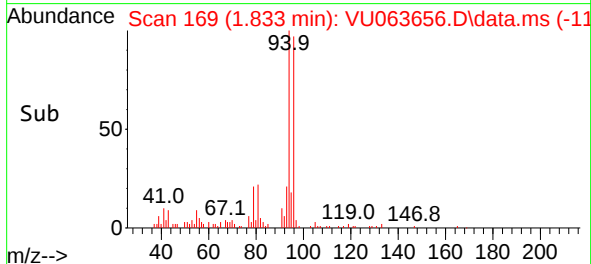
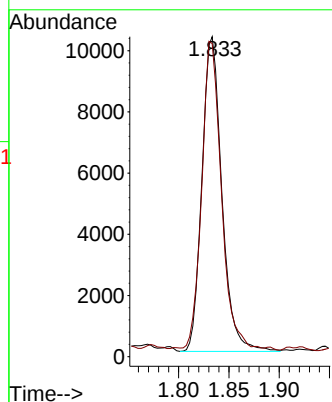
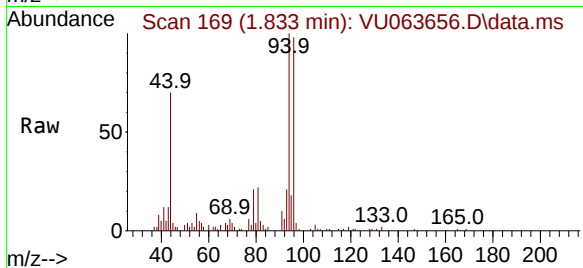




#5
Bromomethane
Concen: 0.982 ug/l
RT: 1.833 min Scan# 1
Delta R.T. 0.009 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

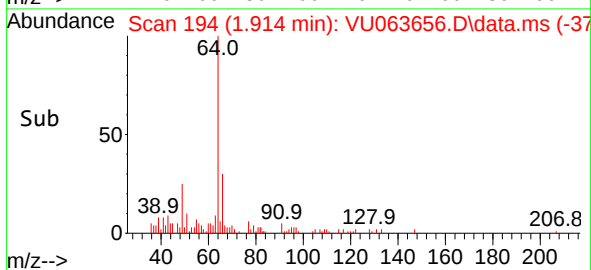
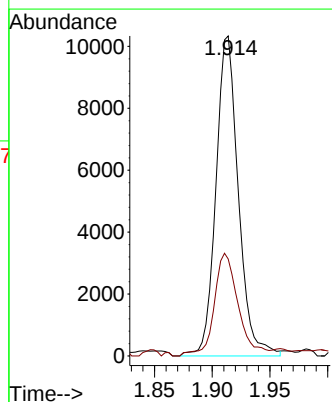
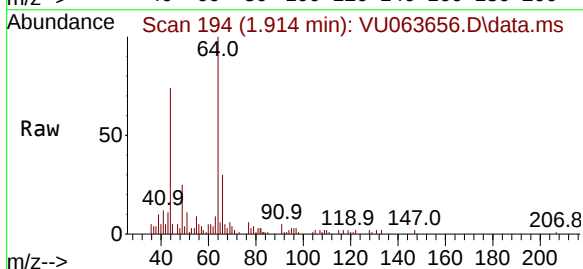
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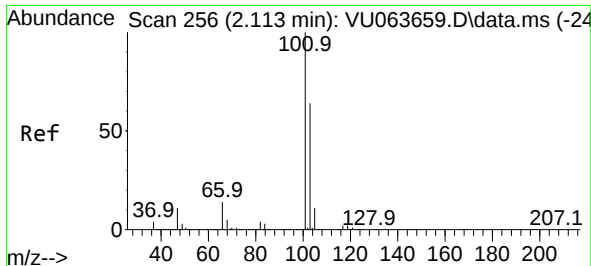
Tgt Ion: 94 Resp: 14185
Ion Ratio Lower Upper
94 100
96 97.4 73.0 109.6



#6
Chloroethane
Concen: 0.930 ug/l
RT: 1.914 min Scan# 194
Delta R.T. 0.006 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

Tgt Ion: 64 Resp: 13973
Ion Ratio Lower Upper
64 100
66 30.3 25.4 38.2

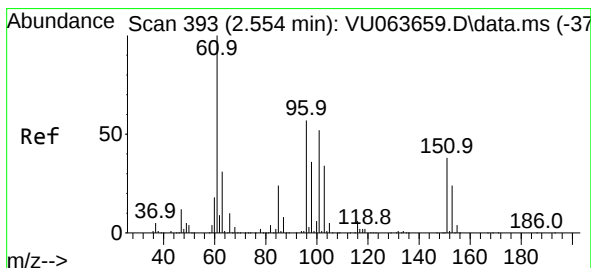
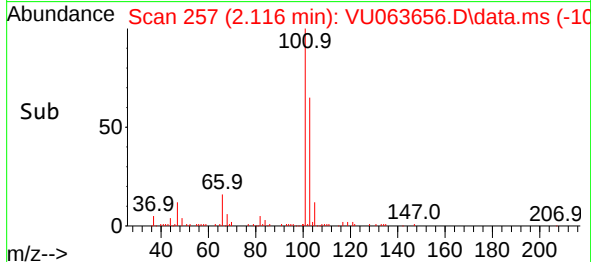
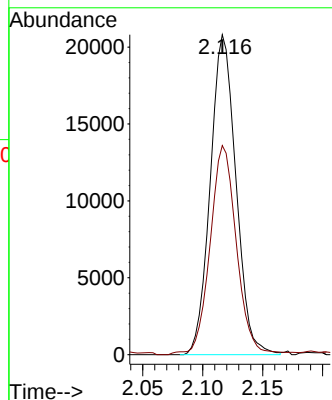
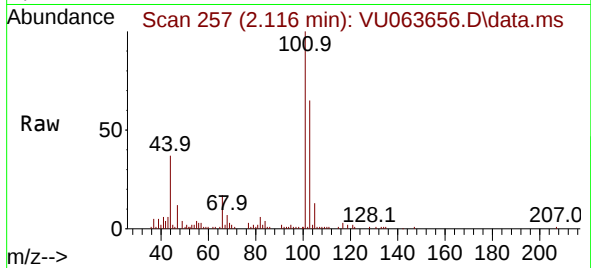




#7
 Trichlorofluoromethane
 Concen: 0.900 ug/l
 RT: 2.116 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VU063656.D
 Acq: 31 Oct 2025 10:04

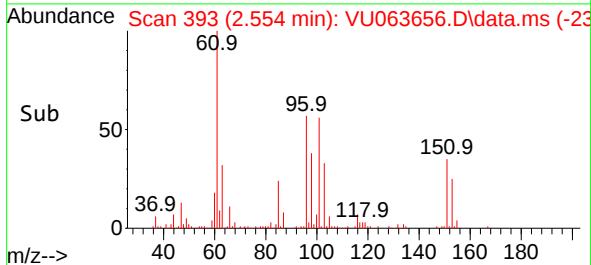
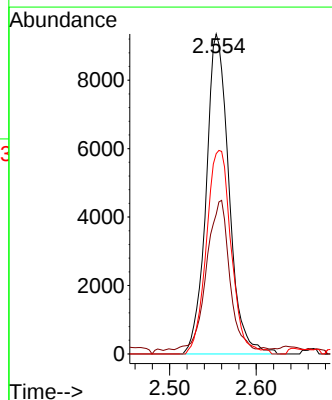
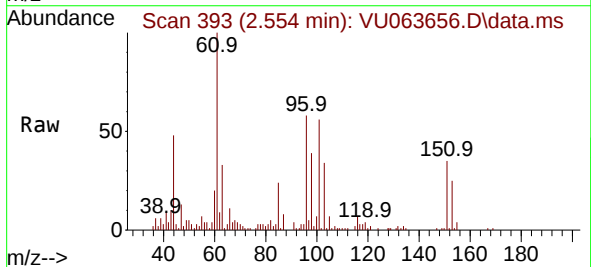
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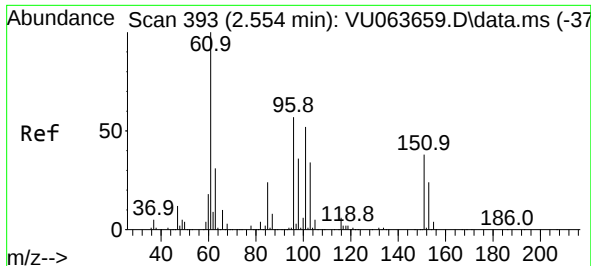
Tgt Ion:101 Resp: 30947
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.0 76.6



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.893 ug/l
 RT: 2.554 min Scan# 393
 Delta R.T. -0.000 min
 Lab File: VU063656.D
 Acq: 31 Oct 2025 10:04

Tgt Ion:101 Resp: 17138
 Ion Ratio Lower Upper
 101 100
 85 45.9 37.0 55.4
 151 69.1 57.2 85.8

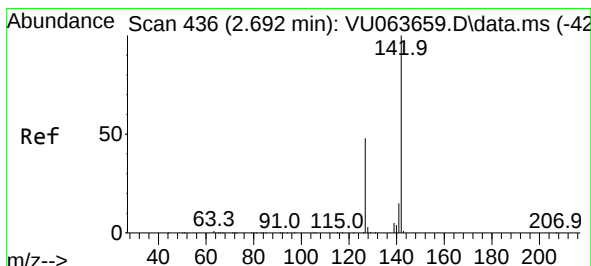
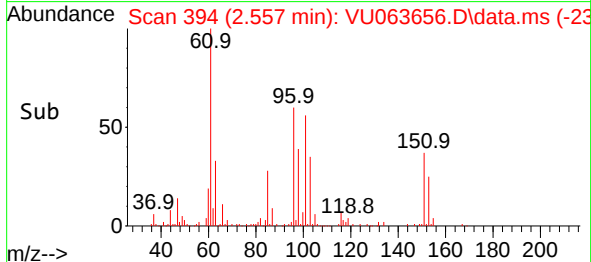
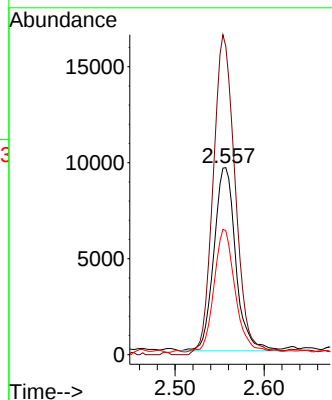
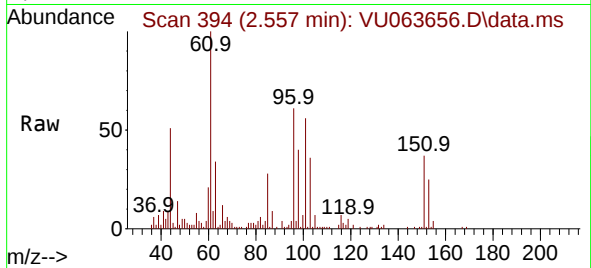




#9
1,1-Dichloroethene
Concen: 0.930 ug/l
RT: 2.557 min Scan# 394
Delta R.T. 0.003 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

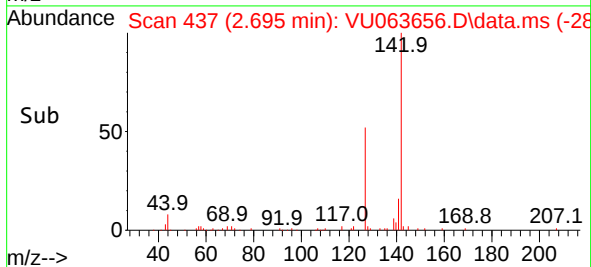
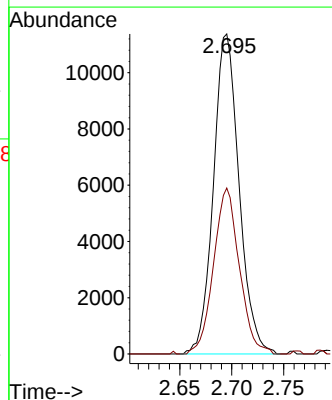
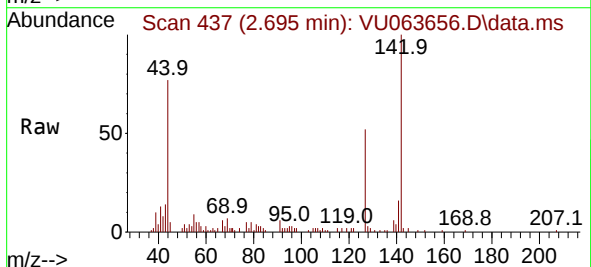
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

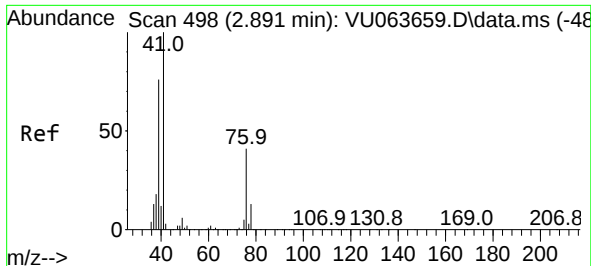
Tgt Ion: 96 Resp: 16278
Ion Ratio Lower Upper
96 100
61 168.4 0.0 524.7
98 65.8 0.0 126.8



#10
Iodomethane
Concen: 0.770 ug/l
RT: 2.695 min Scan# 437
Delta R.T. 0.003 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

Tgt Ion: 142 Resp: 19564
Ion Ratio Lower Upper
142 100
127 52.1 38.6 58.0

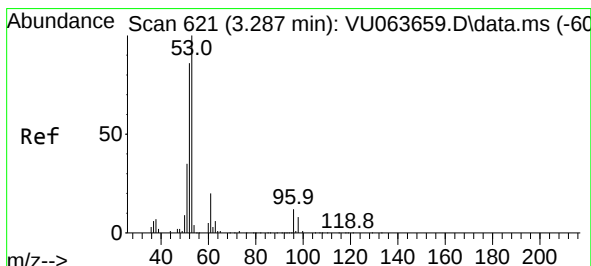
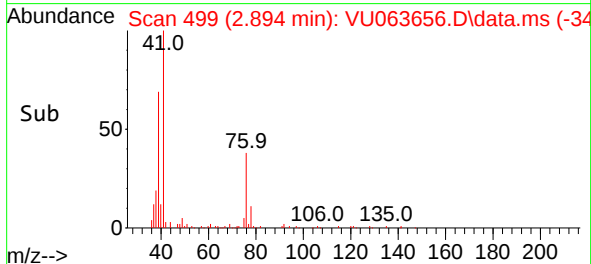
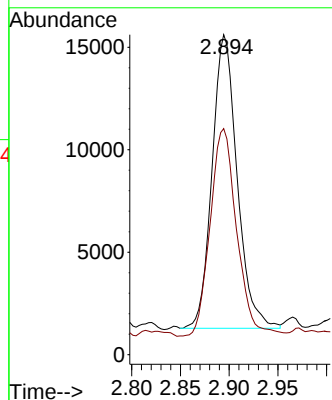
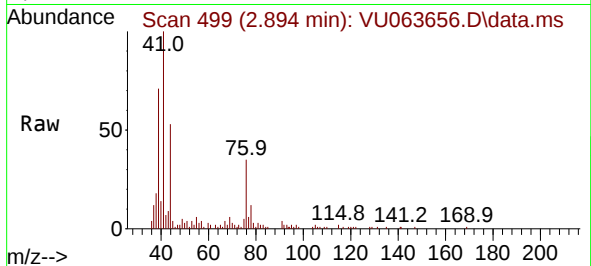




#11
 Allyl Chloride
 Concen: 0.892 ug/l
 RT: 2.894 min Scan# 498
 Delta R.T. 0.003 min
 Lab File: VU063656.D
 Acq: 31 Oct 2025 10:04

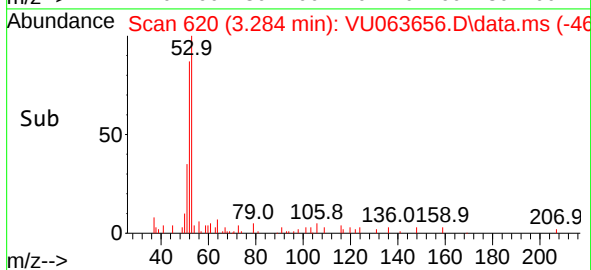
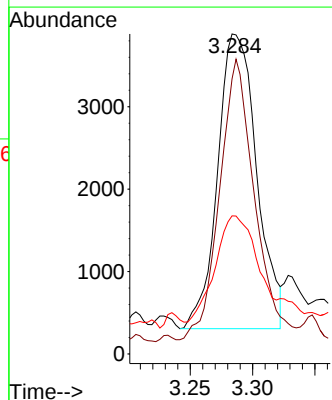
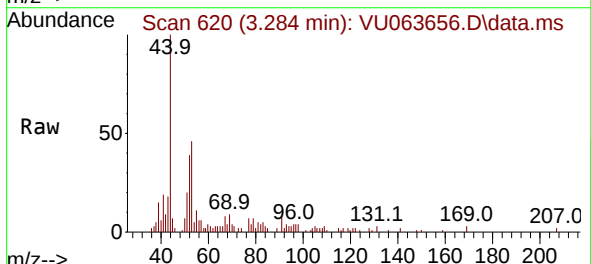
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

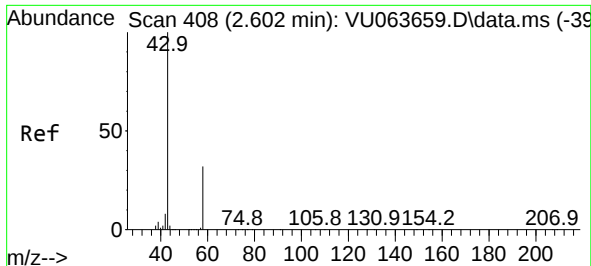
Tgt Ion: 41 Resp: 25638
 Ion Ratio Lower Upper
 41 100
 39 74.9 61.0 91.4



#12
 Acrylonitrile
 Concen: 1.510 ug/l
 RT: 3.284 min Scan# 620
 Delta R.T. -0.003 min
 Lab File: VU063656.D
 Acq: 31 Oct 2025 10:04

Tgt Ion: 53 Resp: 7811
 Ion Ratio Lower Upper
 53 100
 52 85.2 65.4 98.0
 51 48.0 27.6 41.4#





#13

Acetone

Concen: 4.849 ug/l

RT: 2.605 min Scan# 409

Delta R.T. 0.003 min

Lab File: VU063656.D

Acq: 31 Oct 2025 10:04

Instrument :

MSVOA_U

ClientSampleId :

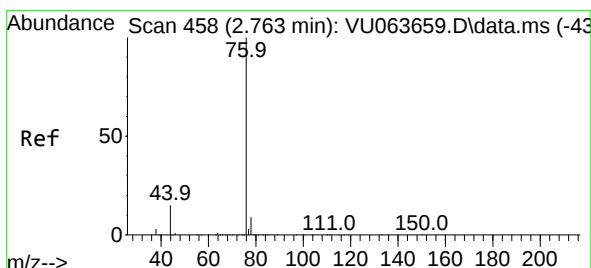
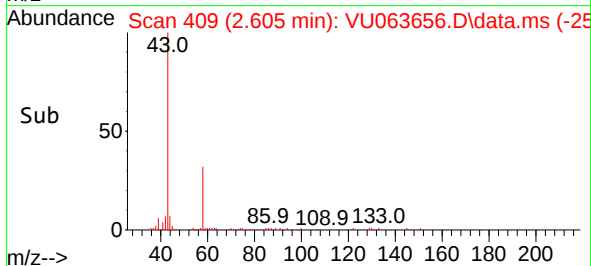
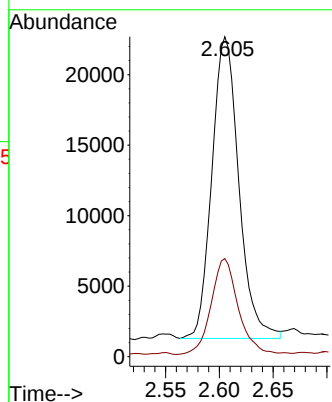
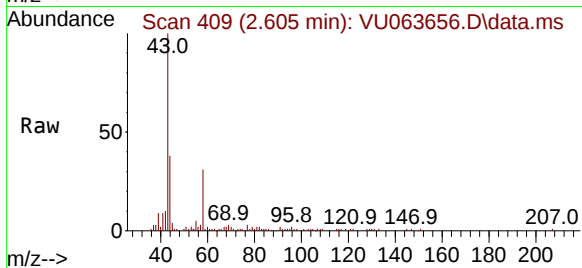
VSTDICC001

Tgt Ion: 43 Resp: 37319

Ion Ratio Lower Upper

43 100

58 31.7 25.2 37.8



#14

Carbon Disulfide

Concen: 1.201 ug/l

RT: 2.763 min Scan# 458

Delta R.T. -0.000 min

Lab File: VU063656.D

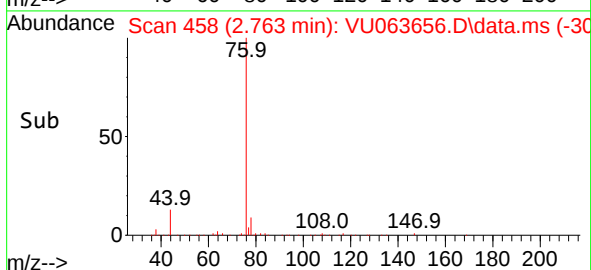
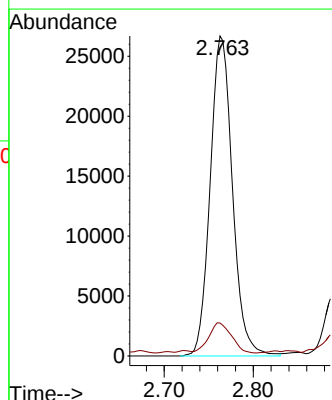
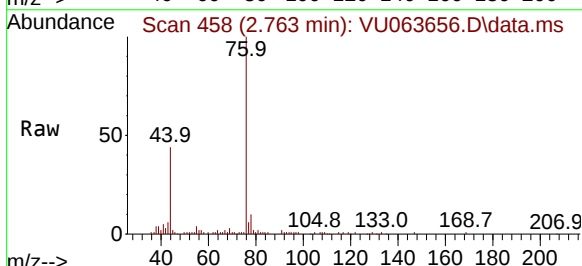
Acq: 31 Oct 2025 10:04

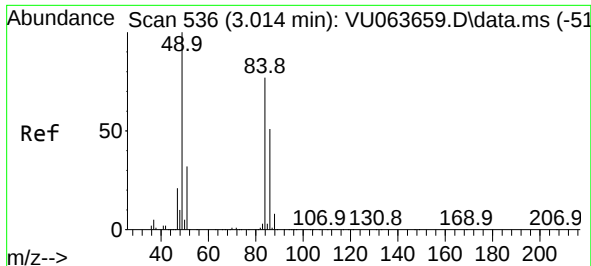
Tgt Ion: 76 Resp: 46374

Ion Ratio Lower Upper

76 100

78 9.0 7.5 11.3

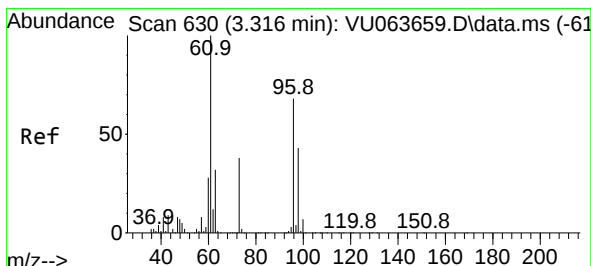
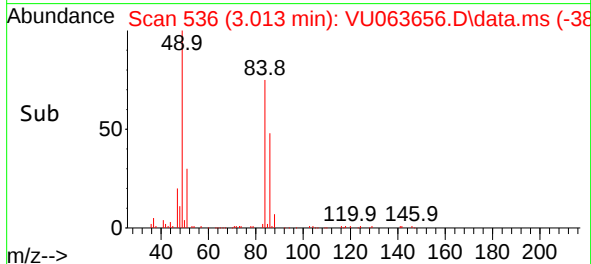
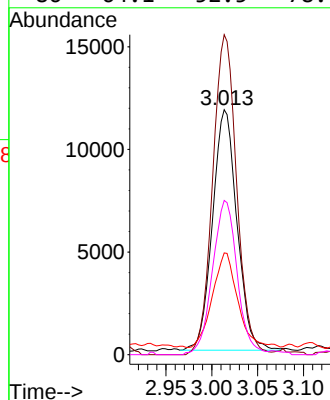
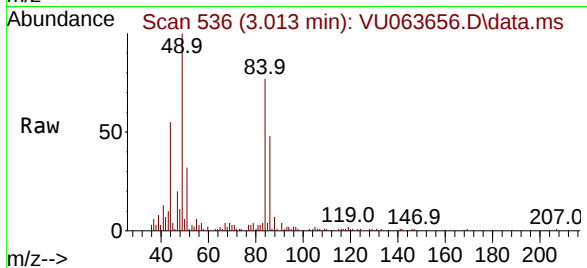




#15
Methylene Chloride
Concen: 0.948 ug/l
RT: 3.013 min Scan# 511
Delta R.T. -0.000 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

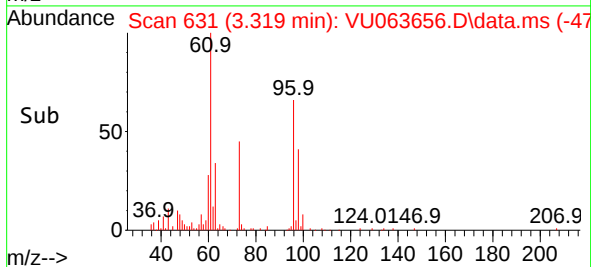
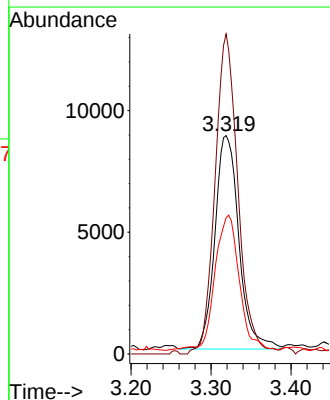
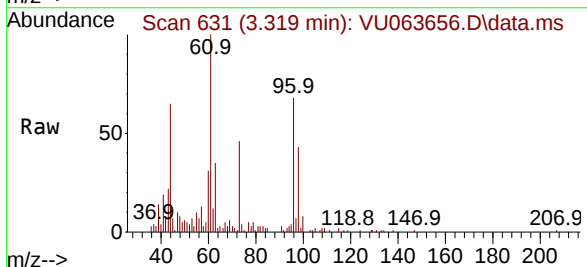
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

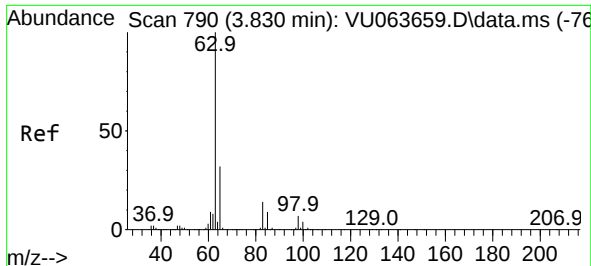
Tgt Ion:	84	Resp:	21699
Ion	Ratio	Lower	Upper
84	100		
49	133.1	103.4	155.0
51	39.1	0.0	81.6
86	64.1	52.5	78.7



#16
trans-1,2-Dichloroethene
Concen: 0.969 ug/l
RT: 3.319 min Scan# 631
Delta R.T. 0.003 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

Tgt Ion:	96	Resp:	18253
Ion	Ratio	Lower	Upper
96	100		
61	148.8	117.4	176.2
98	61.5	49.9	74.9

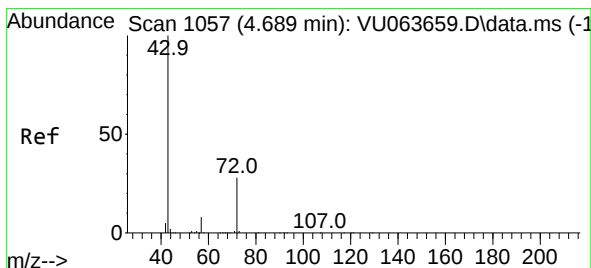
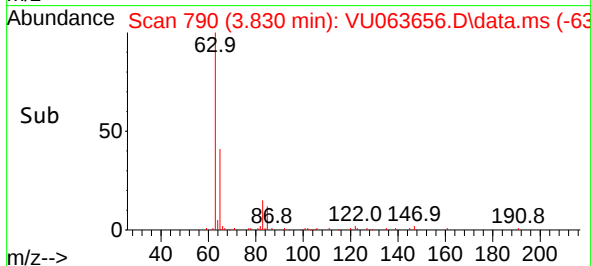
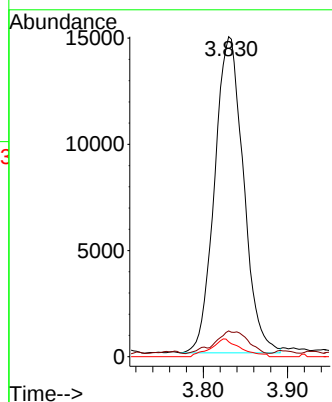
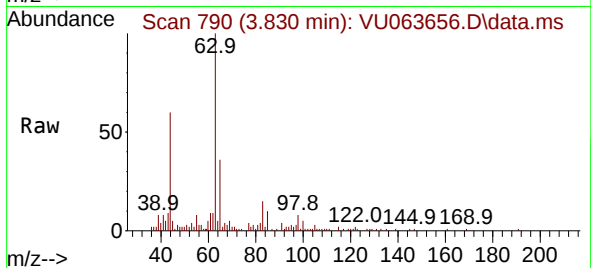




#17
1,1-Dichloroethane
Concen: 0.841 ug/l
RT: 3.830 min Scan# 790
Delta R.T. -0.000 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

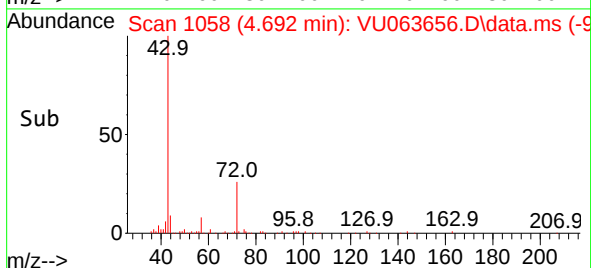
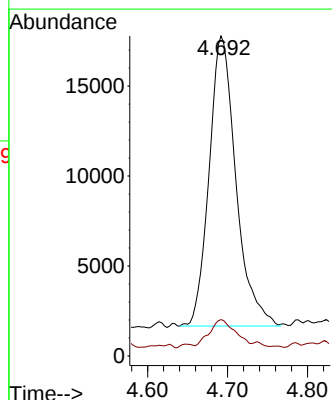
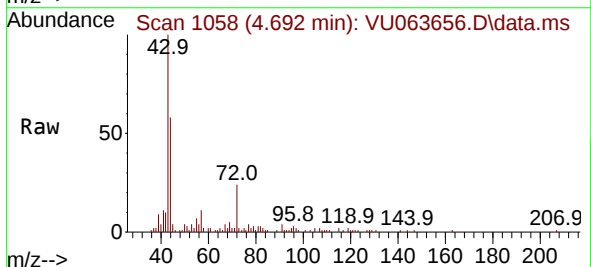
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

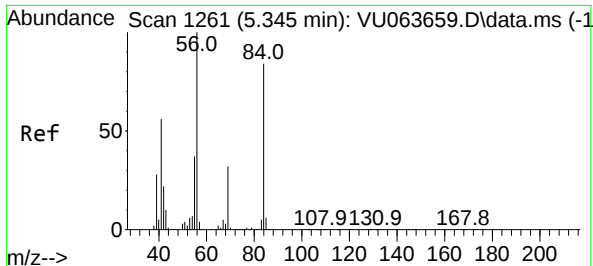
Tgt Ion: 63 Resp: 35341
Ion Ratio Lower Upper
63 100
98 6.9 3.5 10.5
100 4.7 2.2 6.6



#18
2-Butanone
Concen: 4.390 ug/l
RT: 4.692 min Scan# 1058
Delta R.T. 0.003 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

Tgt Ion: 43 Resp: 37621
Ion Ratio Lower Upper
43 100
57 9.2 0.0 16.6





#19

Cyclohexane

Concen: 0.811 ug/l

RT: 5.341 min Scan# 1261

Delta R.T. -0.003 min

Lab File: VU063656.D

Acq: 31 Oct 2025 10:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

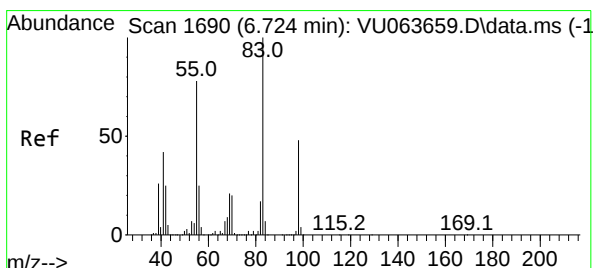
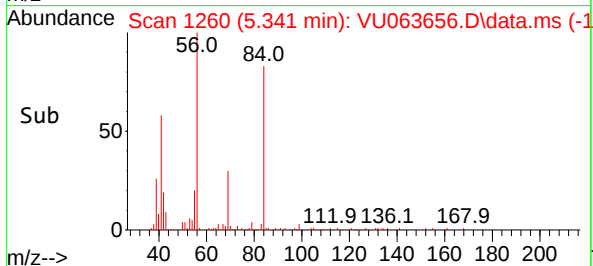
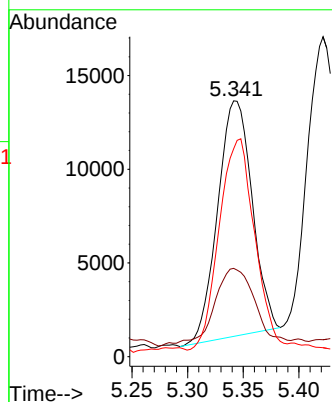
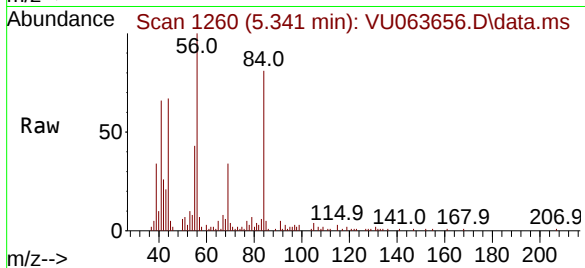
Tgt Ion: 56 Resp: 27135

Ion Ratio Lower Upper

56 100

69 35.6 27.1 40.7

84 88.8 73.4 110.0



#20

Methylcyclohexane

Concen: 1.064 ug/l

RT: 6.727 min Scan# 1691

Delta R.T. 0.003 min

Lab File: VU063656.D

Acq: 31 Oct 2025 10:04

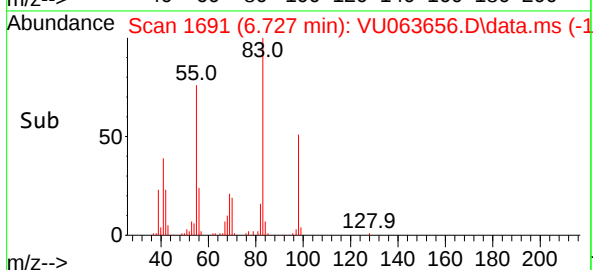
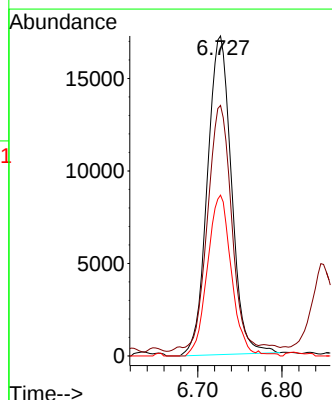
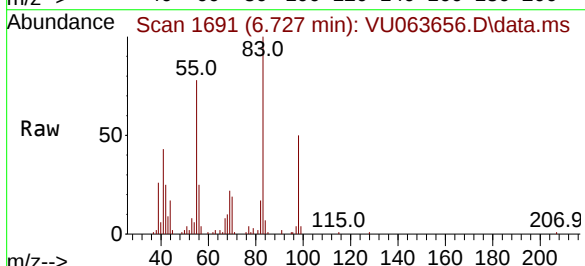
Tgt Ion: 83 Resp: 34235

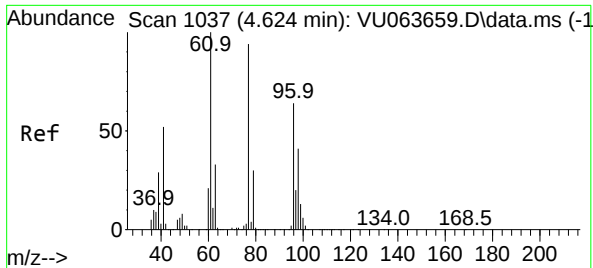
Ion Ratio Lower Upper

83 100

55 74.3 61.5 92.3

98 50.4 37.9 56.9

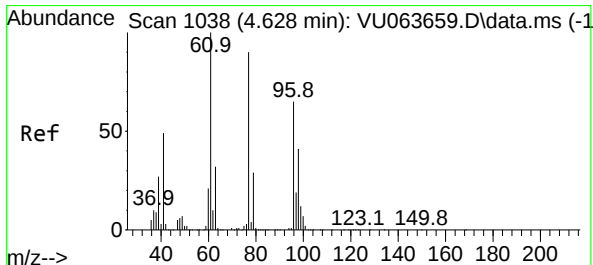
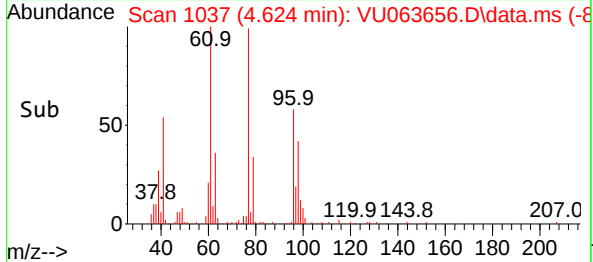
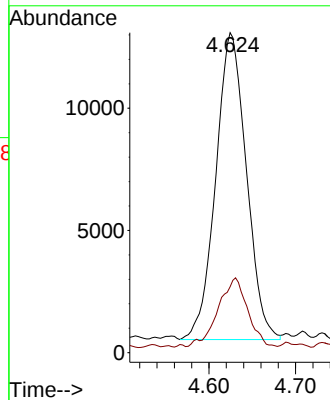
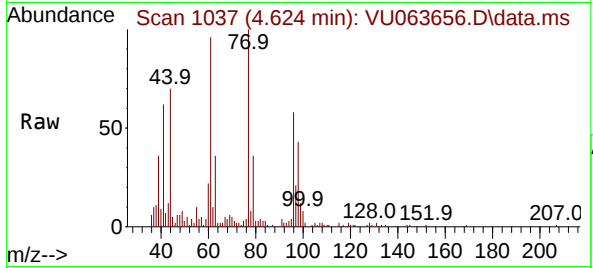




#21
2,2-Dichloropropane
Concen: 0.963 ug/l
RT: 4.624 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

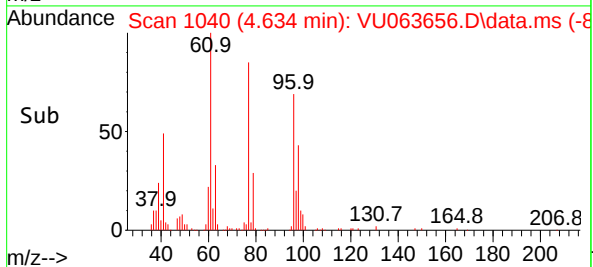
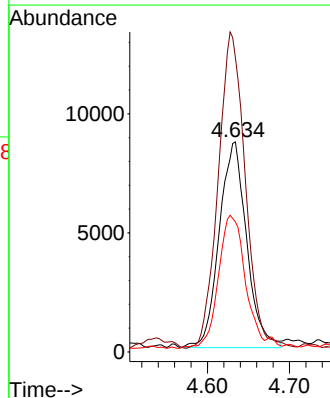
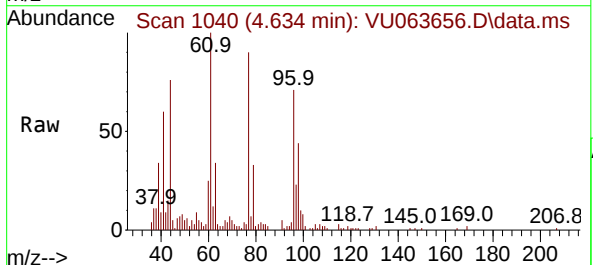
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

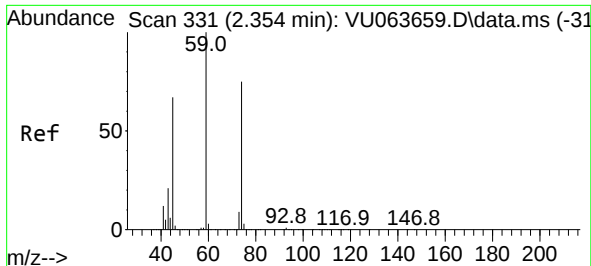
Tgt Ion: 77 Resp: 30878
Ion Ratio Lower Upper
77 100
97 21.4 17.1 25.7



#22
cis-1,2-Dichloroethene
Concen: 0.882 ug/l
RT: 4.634 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

Tgt Ion: 96 Resp: 20099
Ion Ratio Lower Upper
96 100
61 151.5 0.0 385.0
98 62.7 31.3 93.9





#23

Diethyl Ether

Concen: 0.845 ug/l

RT: 2.357 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU063656.D

Acq: 31 Oct 2025 10:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

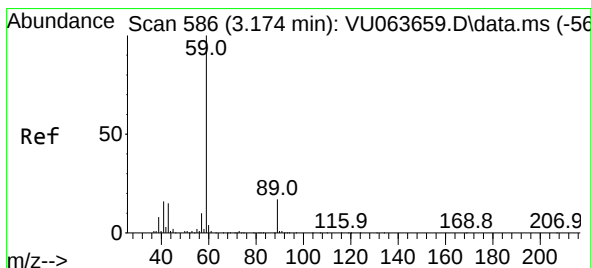
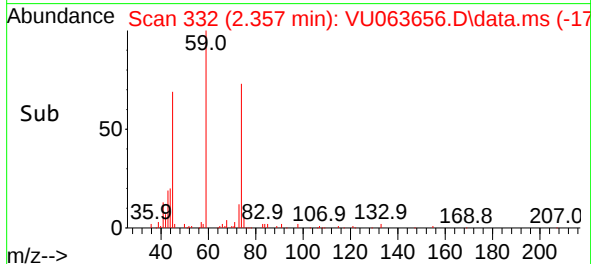
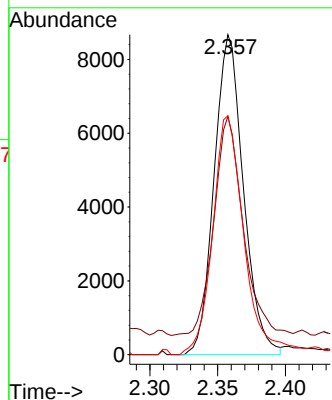
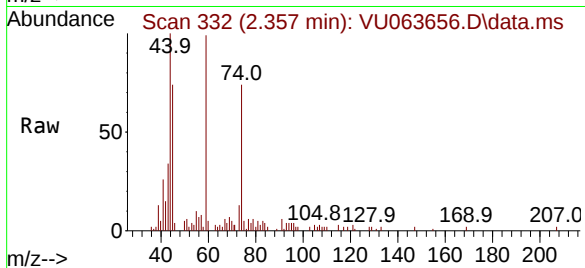
Tgt Ion: 59 Resp: 13042

Ion Ratio Lower Upper

59 100

45 66.1 52.6 78.8

74 80.1 59.4 89.2



#24

tert-Butyl Alcohol

Concen: 10.883 ug/l

RT: 3.171 min Scan# 585

Delta R.T. -0.003 min

Lab File: VU063656.D

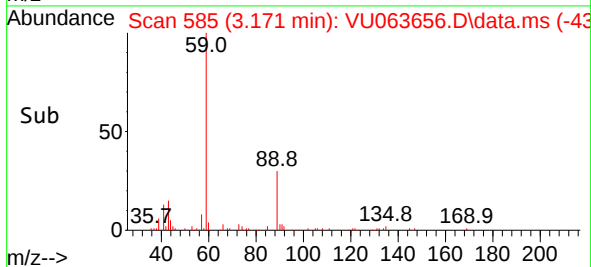
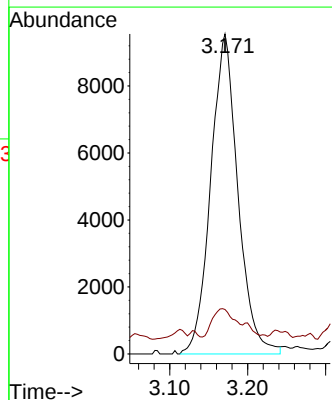
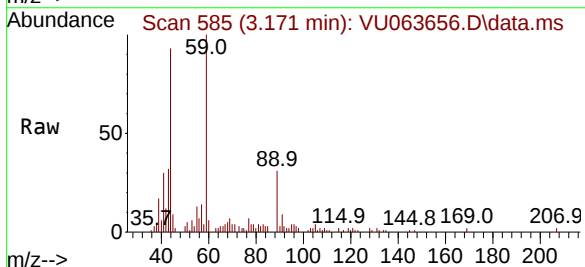
Acq: 31 Oct 2025 10:04

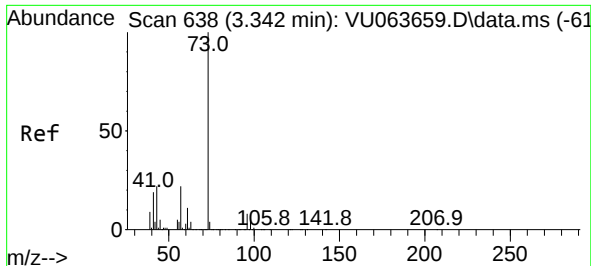
Tgt Ion: 59 Resp: 23179

Ion Ratio Lower Upper

59 100

57 7.2 7.2 10.8

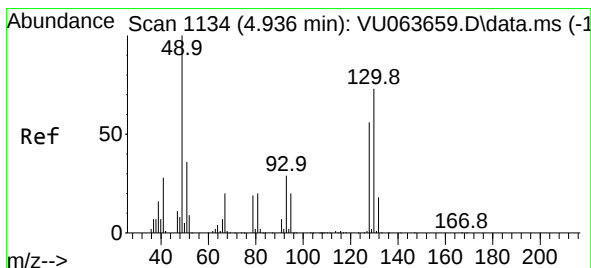
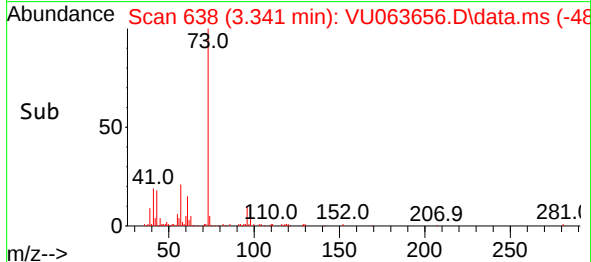
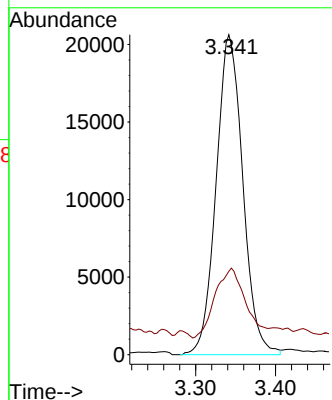
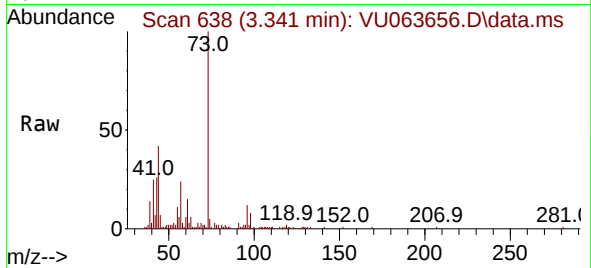




#25
Methyl tert-Butyl Ether
Concen: 0.914 ug/l
RT: 3.341 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

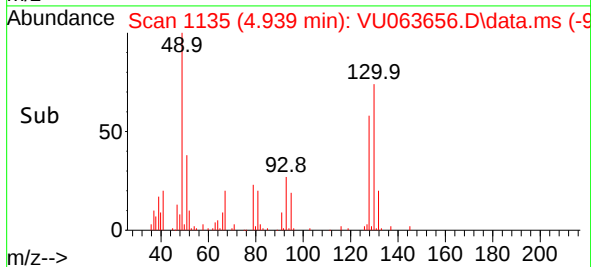
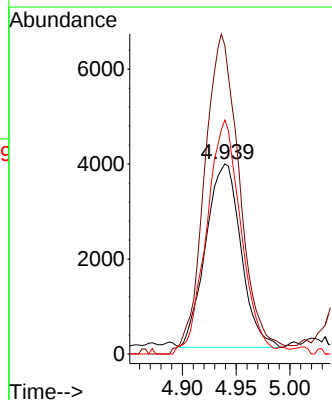
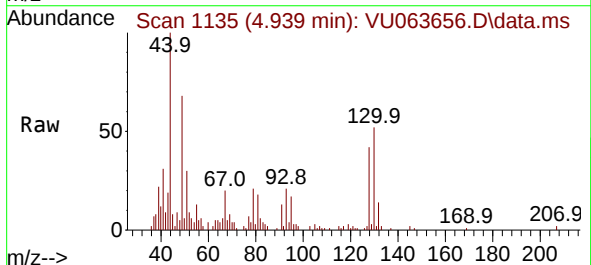
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

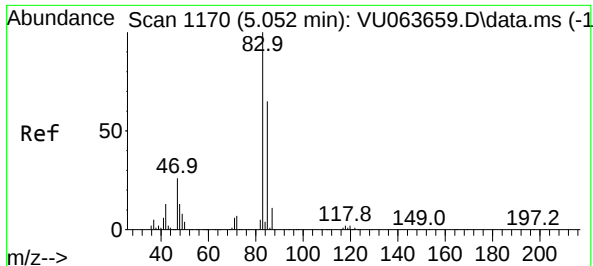
Tgt Ion: 73 Resp: 47756
Ion Ratio Lower Upper
73 100
43 25.3 17.4 26.0



#26
Bromochloromethane
Concen: 0.950 ug/l
RT: 4.939 min Scan# 1135
Delta R.T. 0.003 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

Tgt Ion: 128 Resp: 8792
Ion Ratio Lower Upper
128 100
49 175.4 0.0 349.6
130 124.5 102.7 154.1

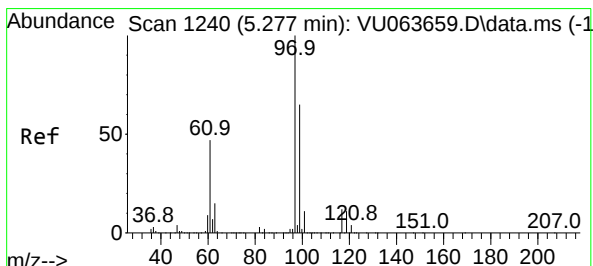
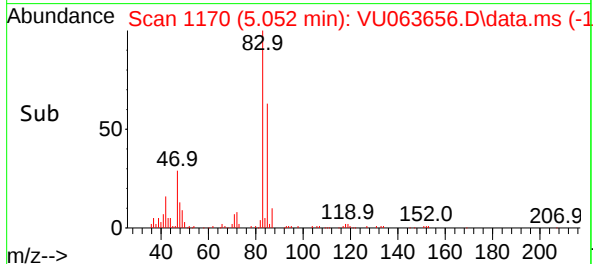
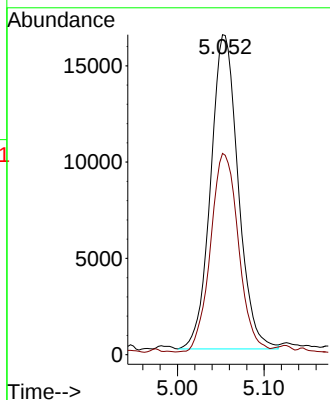
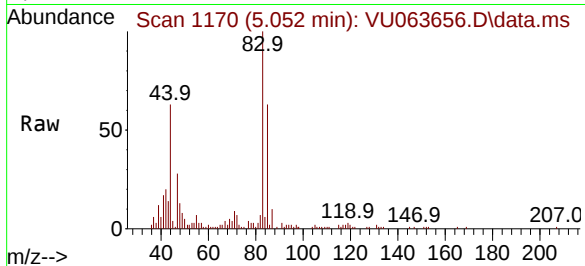




#27
Chloroform
Concen: 0.856 ug/l
RT: 5.052 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

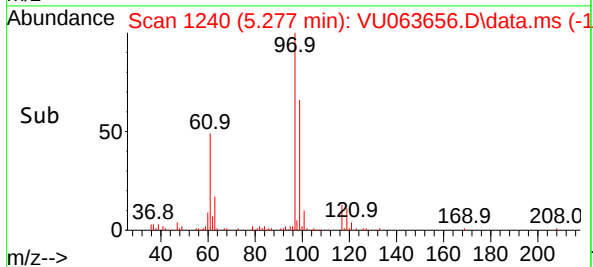
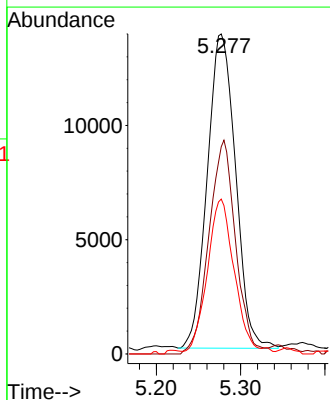
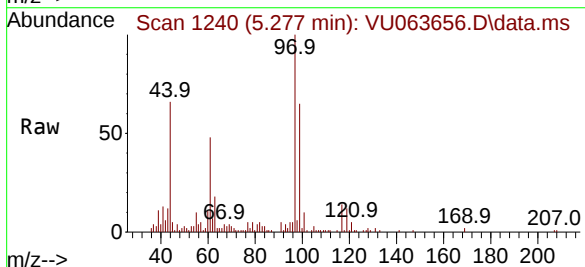
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

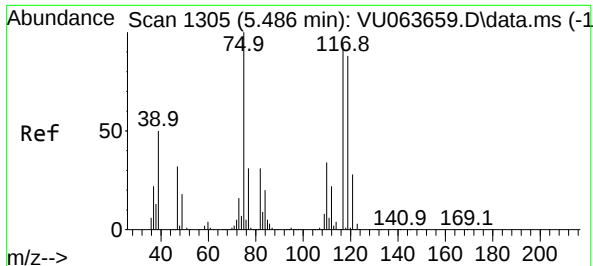
Tgt Ion: 83 Resp: 36040
Ion Ratio Lower Upper
83 100
85 63.1 0.0 130.8



#28
1,1,1-Trichloroethane
Concen: 0.971 ug/l
RT: 5.277 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

Tgt Ion: 97 Resp: 32142
Ion Ratio Lower Upper
97 100
99 64.1 32.3 96.8
61 45.1 23.3 69.8





#29

1,1-Dichloropropene

Concen: 0.866 ug/l

RT: 5.486 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU063656.D

Acq: 31 Oct 2025 10:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

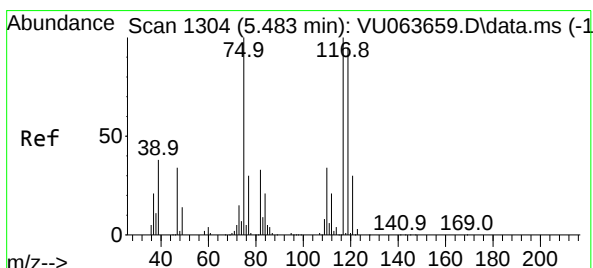
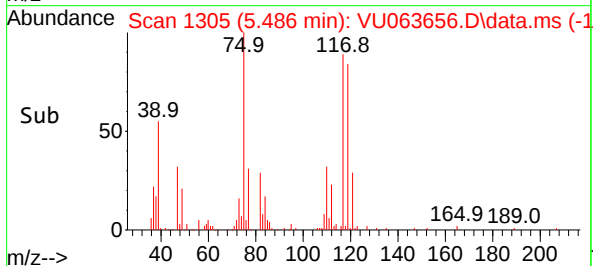
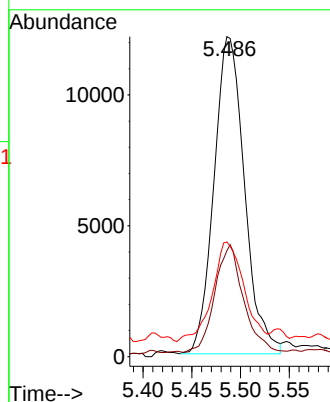
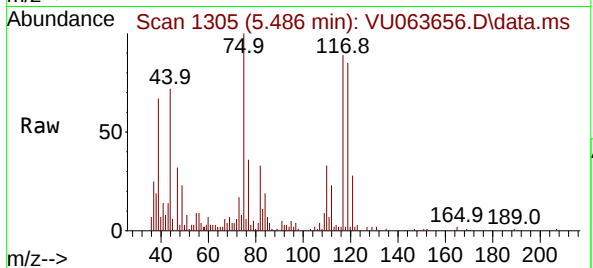
Tgt Ion: 75 Resp: 26434

Ion Ratio Lower Upper

75 100

110 31.8 17.2 51.5

77 32.4 24.5 36.7



#30

Carbon Tetrachloride

Concen: 0.975 ug/l

RT: 5.483 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VU063656.D

Acq: 31 Oct 2025 10:04

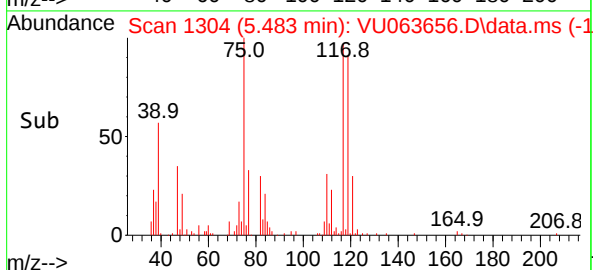
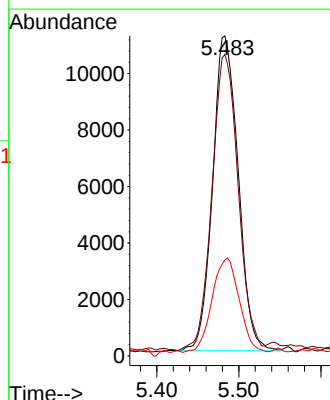
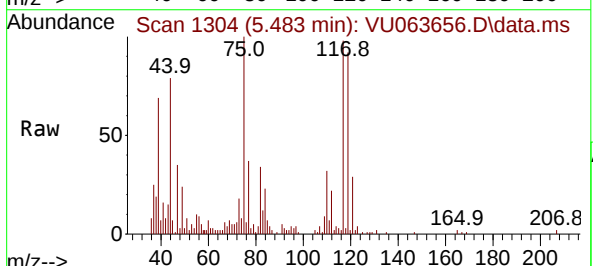
Tgt Ion: 117 Resp: 24075

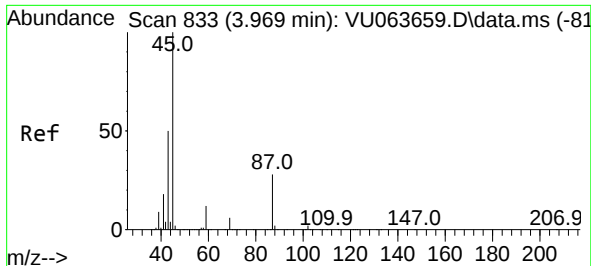
Ion Ratio Lower Upper

117 100

119 93.8 75.7 113.5

121 28.9 23.8 35.6

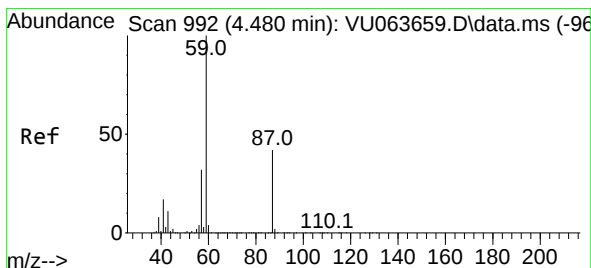
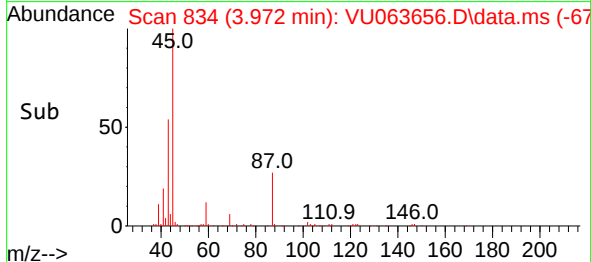
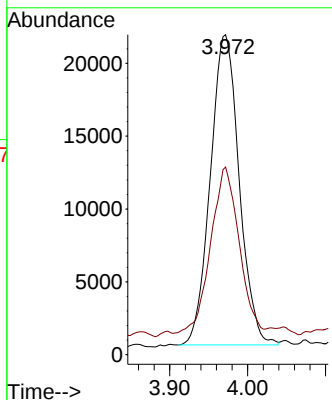
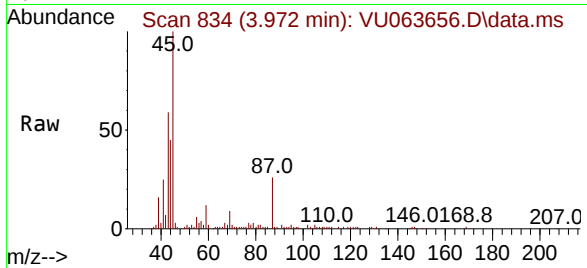




#31
Isopropyl Ether
Concen: 0.785 ug/l
RT: 3.972 min Scan# 81
Delta R.T. 0.003 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

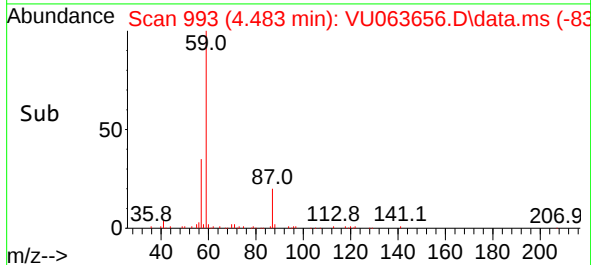
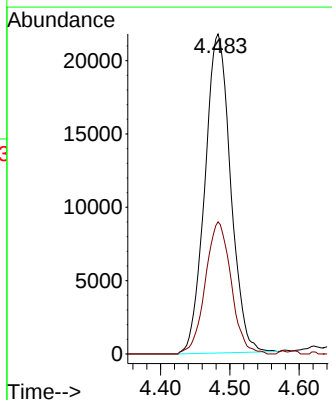
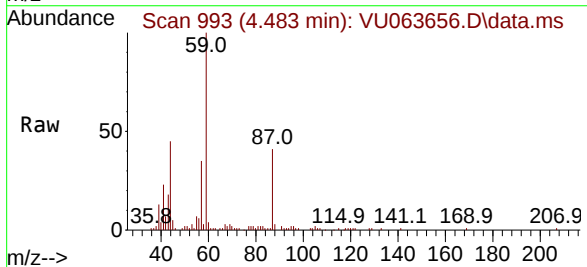
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

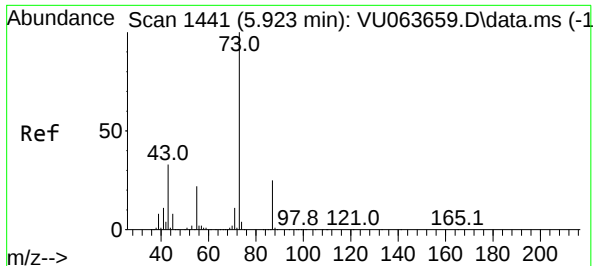
Tgt Ion: 45 Resp: 54899
Ion Ratio Lower Upper
45 100
43 52.7 25.3 75.9



#32
Ethyl-t-butyl ether
Concen: 0.922 ug/l
RT: 4.483 min Scan# 993
Delta R.T. 0.003 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

Tgt Ion: 59 Resp: 56166
Ion Ratio Lower Upper
59 100
87 41.5 33.0 49.6

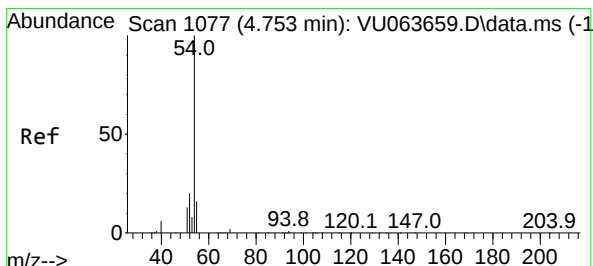
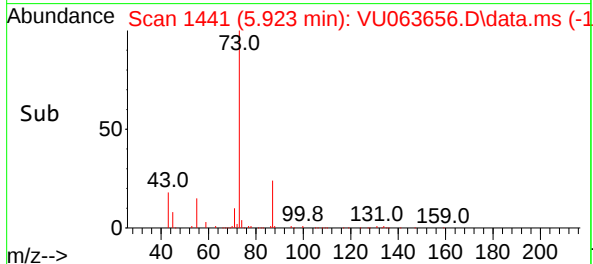
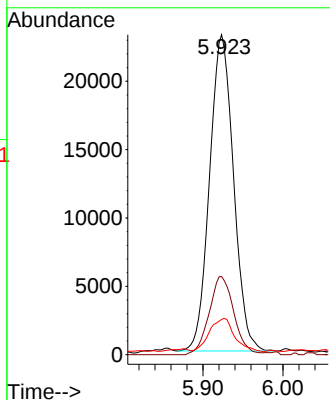
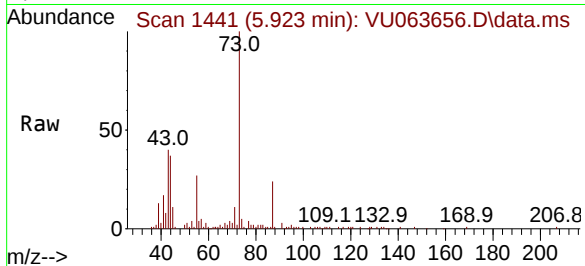




#33
Tert-Amyl methyl ether
Concen: 0.920 ug/l
RT: 5.923 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

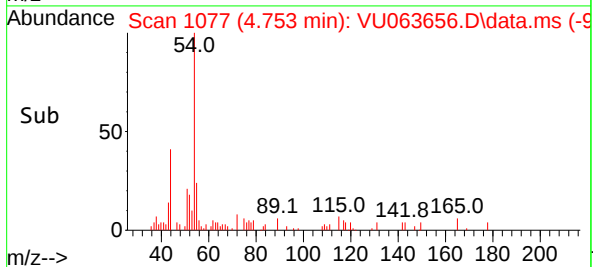
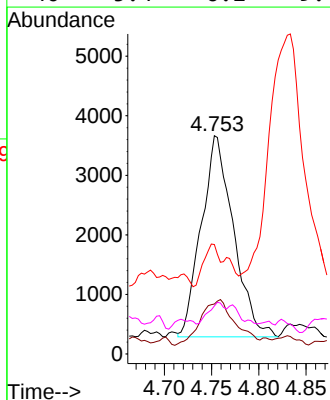
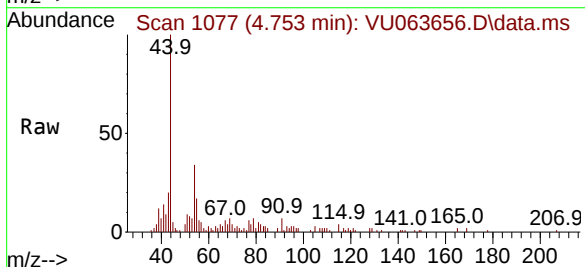
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

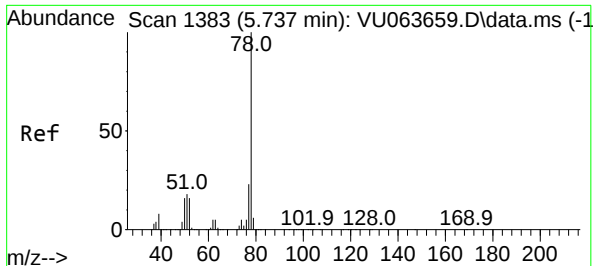
Tgt Ion: 73 Resp: 48063
Ion Ratio Lower Upper
73 100
87 24.7 20.0 30.0
71 10.5 9.0 13.4



#34
Propionitrile
Concen: 4.093 ug/l
RT: 4.753 min Scan# 1077
Delta R.T. -0.000 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

Tgt Ion: 54 Resp: 8000
Ion Ratio Lower Upper
54 100
52 24.3 15.8 23.6#
55 10.8 11.3 16.9#
40 5.4 6.2 9.4#

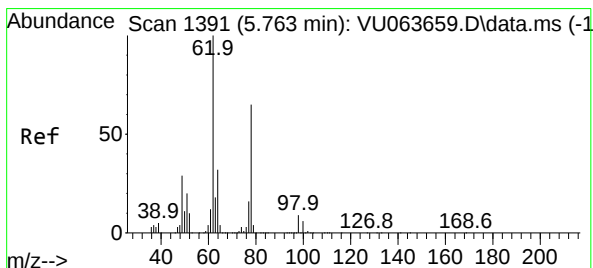
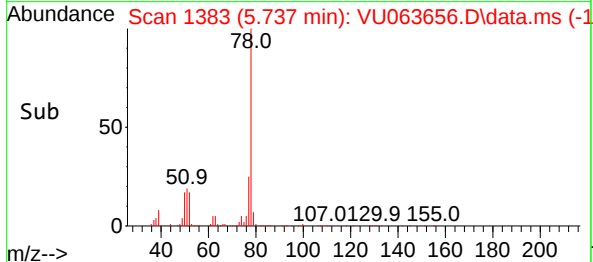
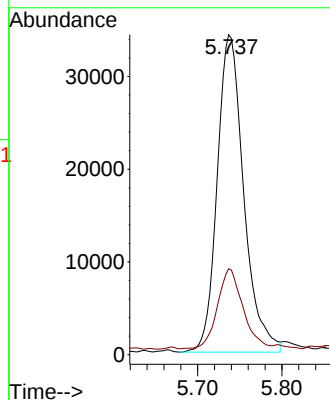
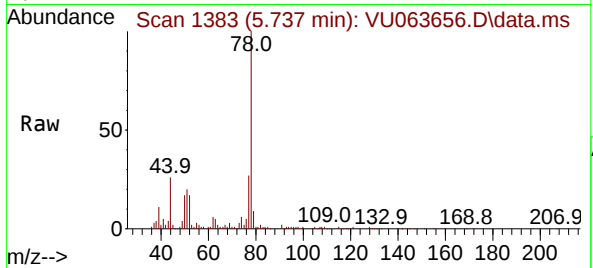




#35
Benzene
Concen: 0.862 ug/l
RT: 5.737 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

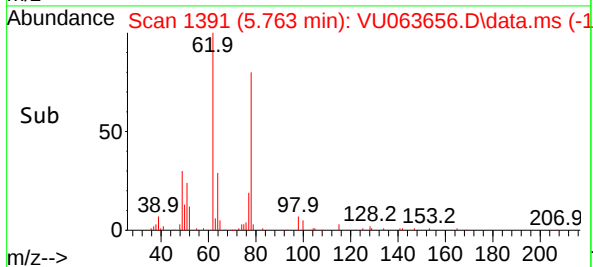
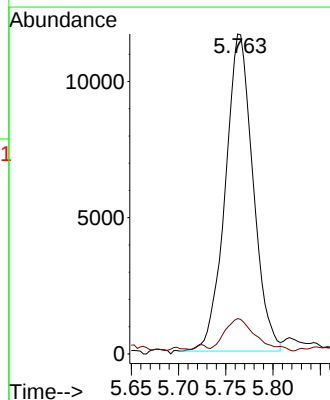
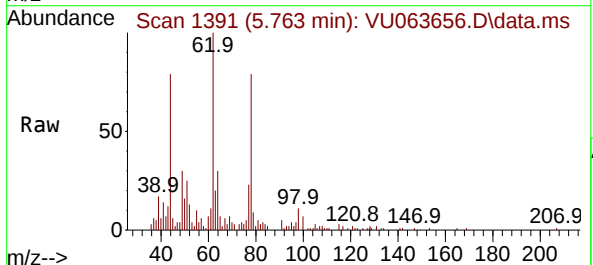
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

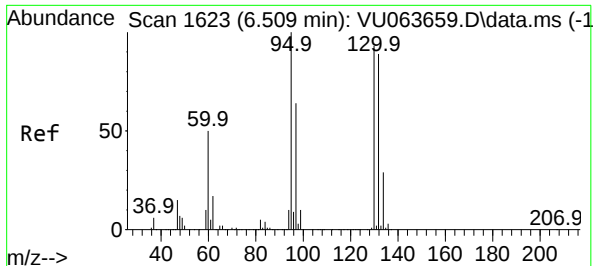
Tgt Ion: 78 Resp: 74881
Ion Ratio Lower Upper
78 100
77 25.2 18.3 27.5



#36
1,2-Dichloroethane
Concen: 0.814 ug/l
RT: 5.763 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

Tgt Ion: 62 Resp: 23805
Ion Ratio Lower Upper
62 100
98 11.2 6.8 10.2#





#37

Trichloroethene

Concen: 1.028 ug/l

RT: 6.512 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU063656.D

Acq: 31 Oct 2025 10:04

Instrument :

MSVOA_U

ClientSampleId :

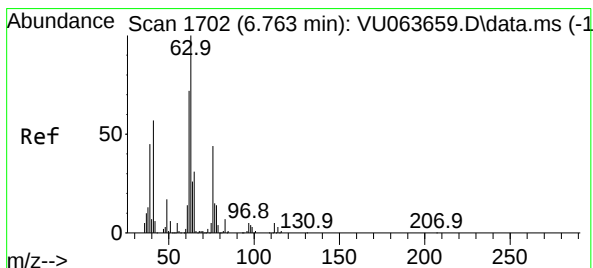
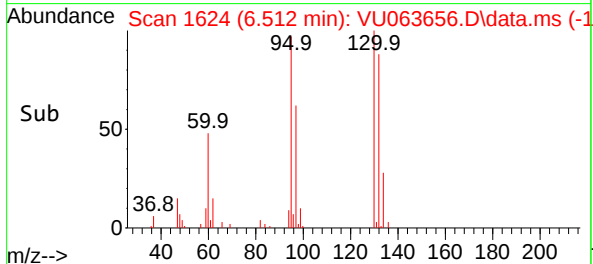
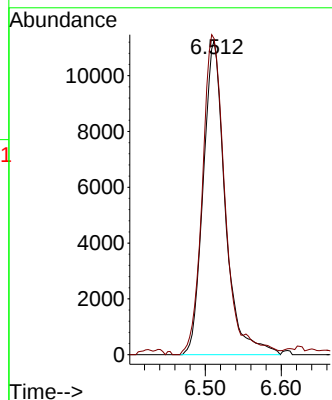
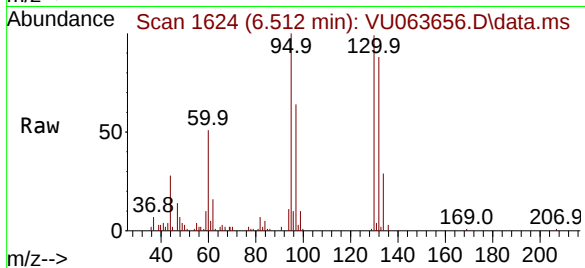
VSTDIC001

Tgt Ion:130 Resp: 22575

Ion Ratio Lower Upper

130 100

95 100.7 86.0 129.0



#38

1,2-Dichloropropane

Concen: 0.886 ug/l

RT: 6.762 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VU063656.D

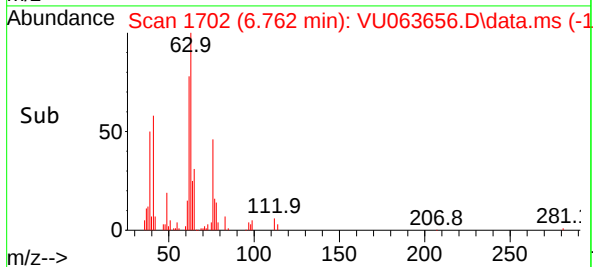
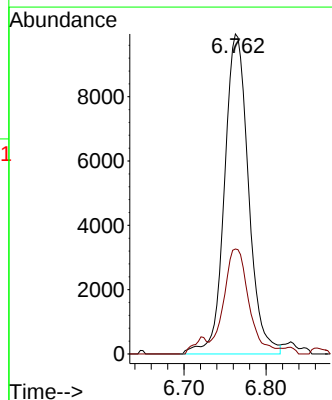
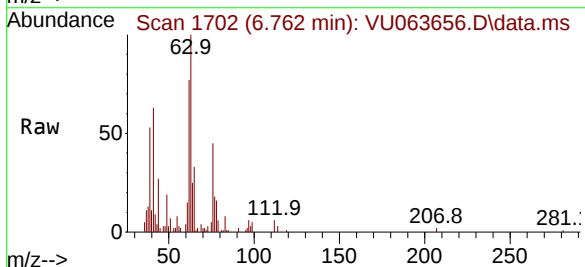
Acq: 31 Oct 2025 10:04

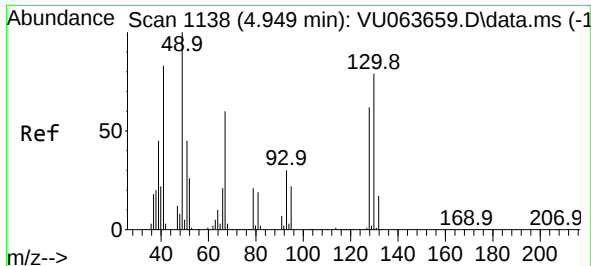
Tgt Ion: 63 Resp: 20309

Ion Ratio Lower Upper

63 100

65 32.8 24.5 36.7





#39

Methacrylonitrile

Concen: 0.710 ug/l

RT: 4.955 min Scan# 1138

Delta R.T. 0.006 min

Lab File: VU063656.D

Acq: 31 Oct 2025 10:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion: 41 Resp: 6549

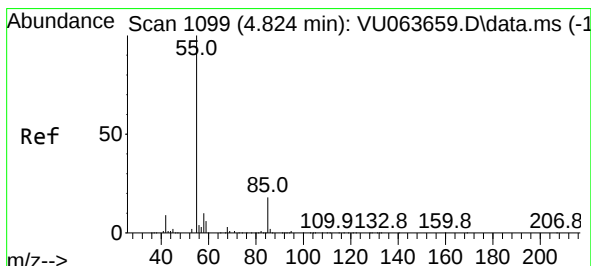
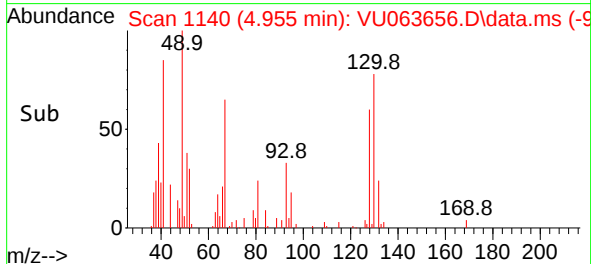
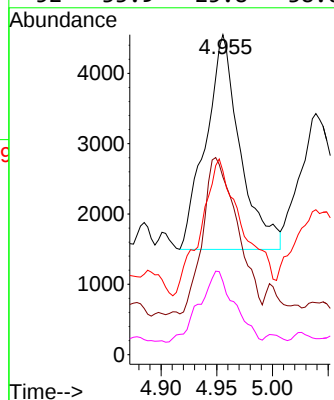
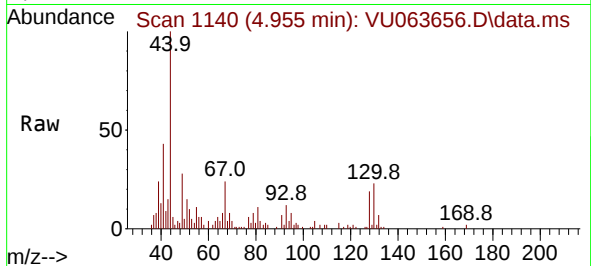
Ion Ratio Lower Upper

41 100

67 73.2 61.4 92.2

39 78.1 46.5 69.7#

52 33.9 25.8 38.6



#40

Methyl acrylate

Concen: 0.816 ug/l

RT: 4.833 min Scan# 1102

Delta R.T. 0.009 min

Lab File: VU063656.D

Acq: 31 Oct 2025 10:04

Tgt Ion: 55 Resp: 10323

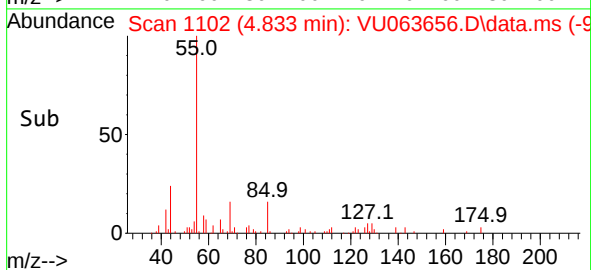
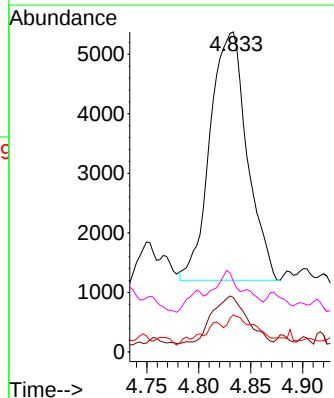
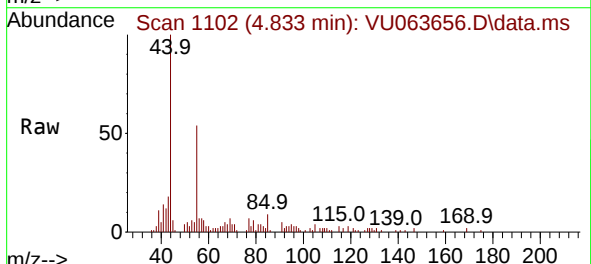
Ion Ratio Lower Upper

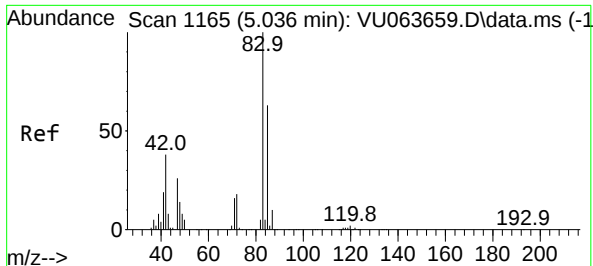
55 100

85 16.7 15.3 22.9

58 7.3 7.7 11.5#

42 11.0 7.9 11.9





#41

Tetrahydrofuran

Concen: 1.543 ug/l

RT: 5.042 min Scan# 1167

Delta R.T. 0.006 min

Lab File: VU063656.D

Acq: 31 Oct 2025 10:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

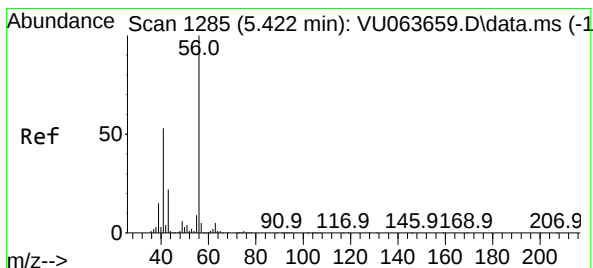
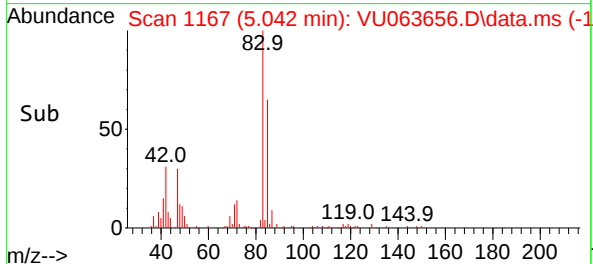
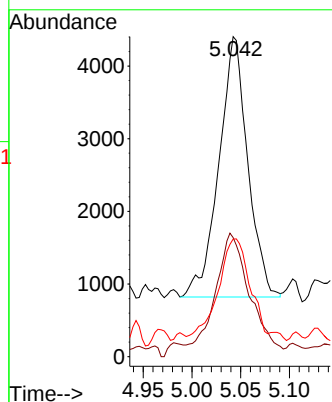
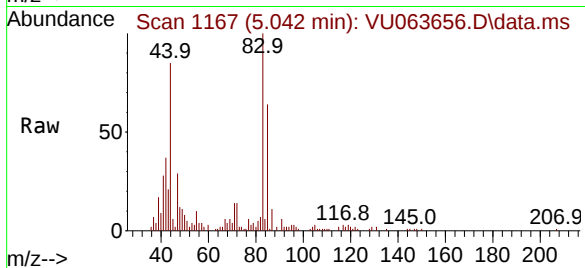
Tgt Ion: 42 Resp: 7389

Ion Ratio Lower Upper

42 100

72 52.7 40.5 60.7

71 39.6 35.0 52.6



#42

1-Chlorobutane

Concen: 0.789 ug/l

RT: 5.422 min Scan# 1285

Delta R.T. -0.000 min

Lab File: VU063656.D

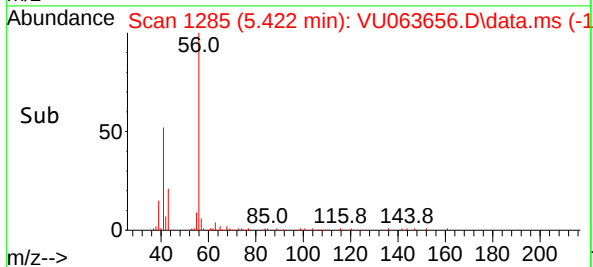
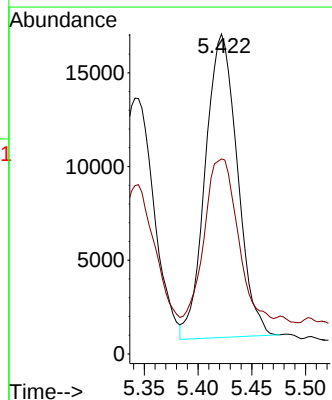
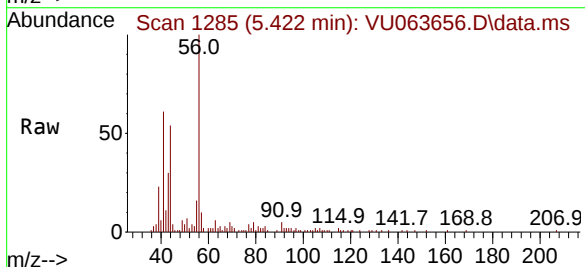
Acq: 31 Oct 2025 10:04

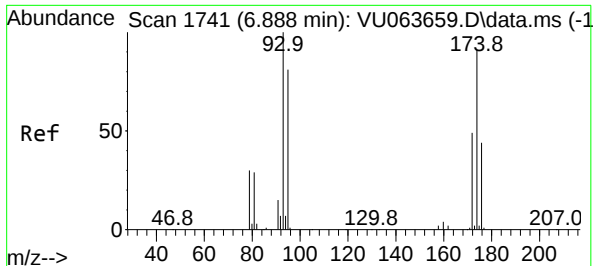
Tgt Ion: 56 Resp: 33574

Ion Ratio Lower Upper

56 100

41 54.1 25.9 77.6





#43

Dibromomethane

Concen: 0.992 ug/l

RT: 6.891 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU063656.D

Acq: 31 Oct 2025 10:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

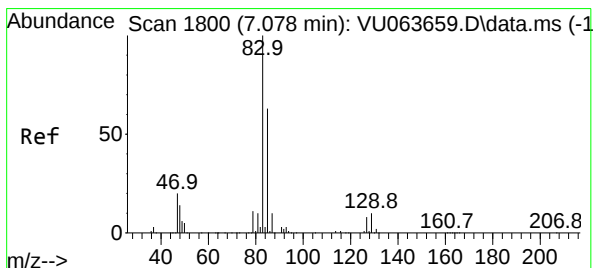
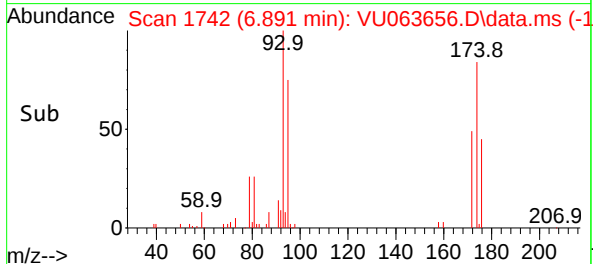
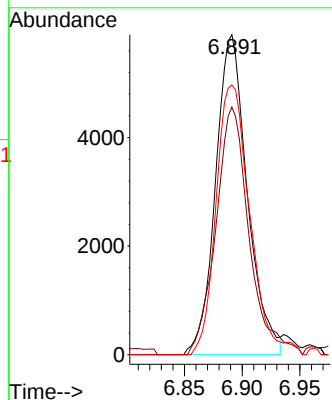
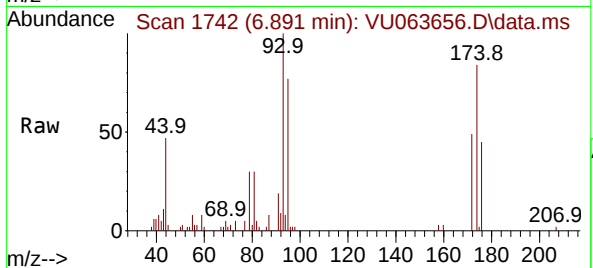
Tgt Ion: 93 Resp: 11257

Ion Ratio Lower Upper

93 100

95 80.9 64.6 97.0

174 89.7 73.8 110.8



#44

Bromodichloromethane

Concen: 1.058 ug/l

RT: 7.081 min Scan# 1801

Delta R.T. 0.003 min

Lab File: VU063656.D

Acq: 31 Oct 2025 10:04

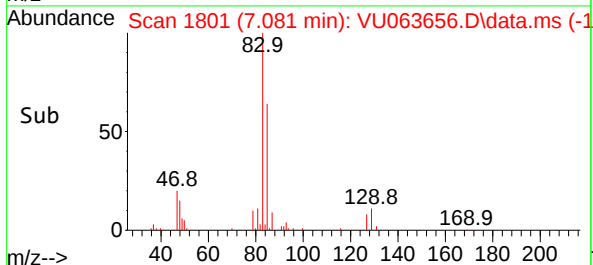
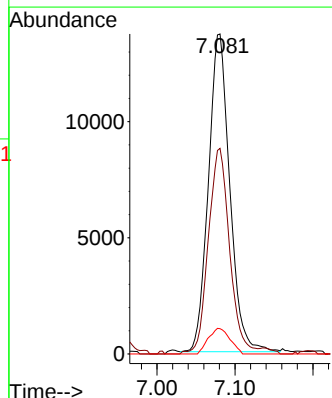
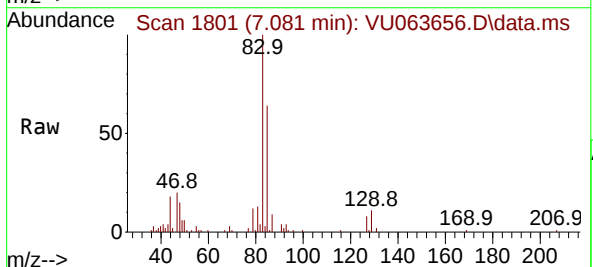
Tgt Ion: 83 Resp: 26071

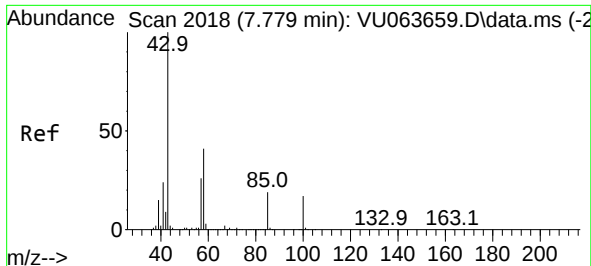
Ion Ratio Lower Upper

83 100

85 64.7 50.5 75.7

127 9.1 6.4 9.6

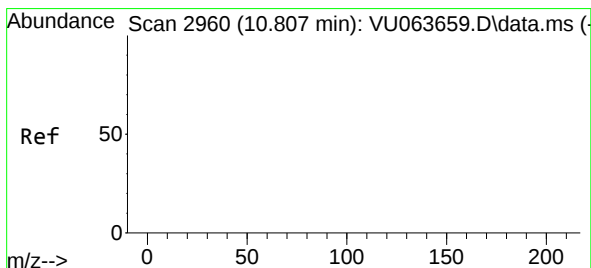
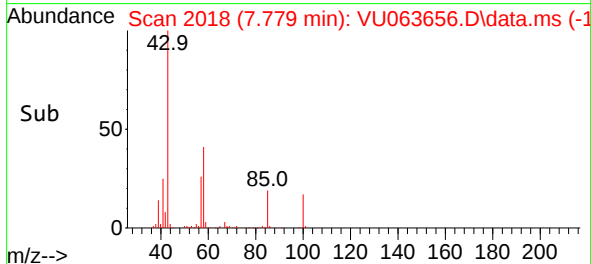
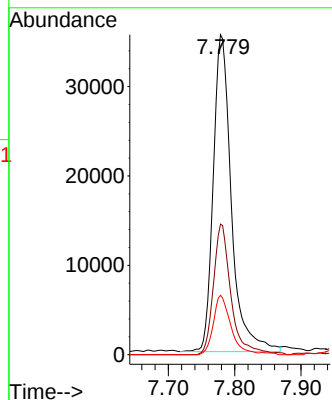
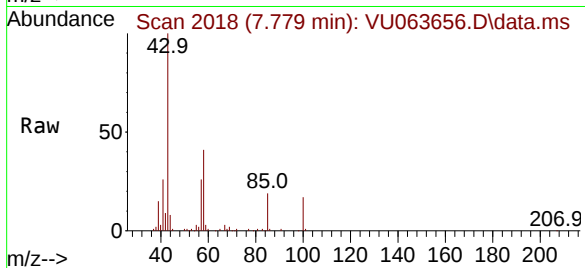




#45
4-Methyl-2-Pentanone
Concen: 4.794 ug/l
RT: 7.779 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

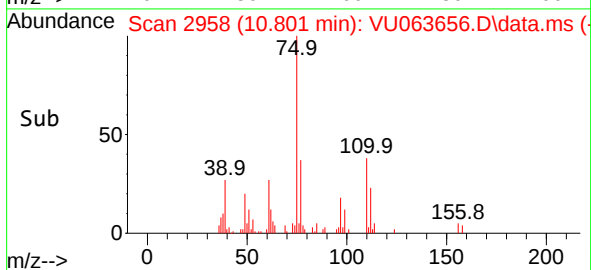
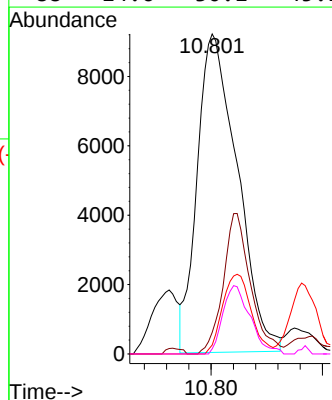
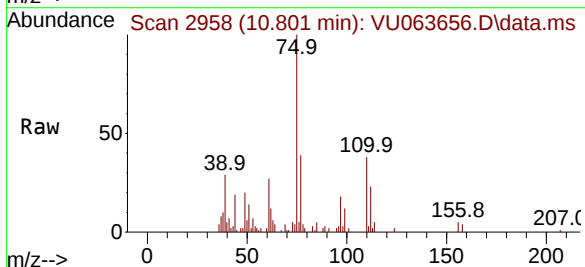
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

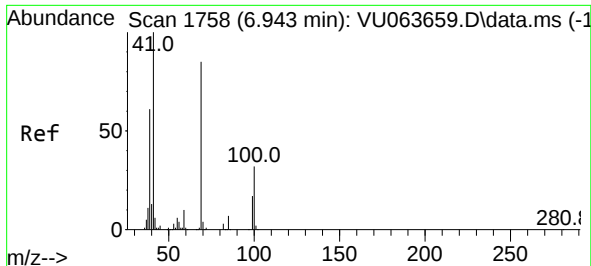
Tgt Ion:	43	Resp:	67542
Ion	Ratio	Lower	Upper
43	100		
58	39.6	20.2	60.5
85	17.9	15.0	22.6



#46
t-1,4-Dichloro-2-butene
Concen: 4.432 ug/l
RT: 10.801 min Scan# 2958
Delta R.T. -0.007 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

Tgt Ion:	75	Resp:	22929
Ion	Ratio	Lower	Upper
75	100		
53	30.3	57.2	85.8#
89	18.0	37.9	56.9#
88	14.6	30.1	45.1#





#47

Methyl methacrylate

Concen: 1.915 ug/l

RT: 6.949 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU063656.D

Acq: 31 Oct 2025 10:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion: 69 Resp: 19634

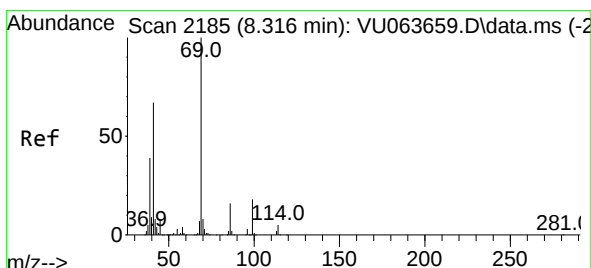
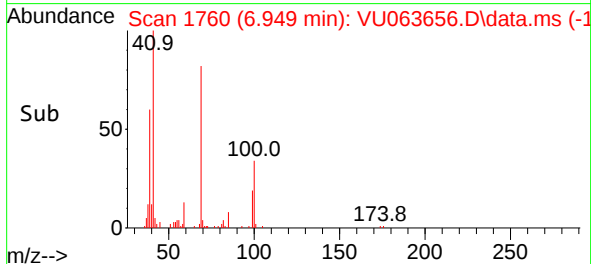
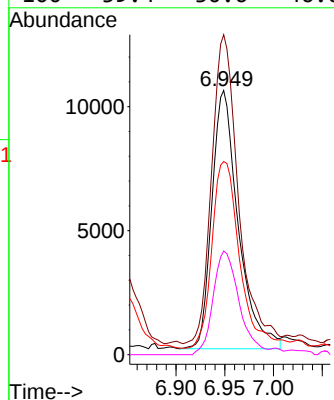
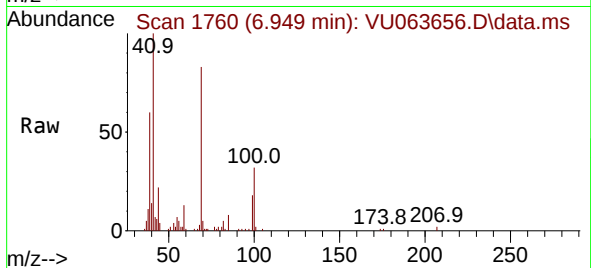
Ion Ratio Lower Upper

69 100

41 120.5 0.0 228.2

39 76.6 56.2 84.4

100 39.4 30.6 46.0



#48

Ethyl methacrylate

Concen: 1.058 ug/l

RT: 8.319 min Scan# 2186

Delta R.T. 0.003 min

Lab File: VU063656.D

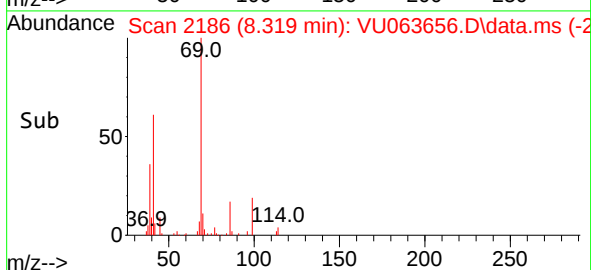
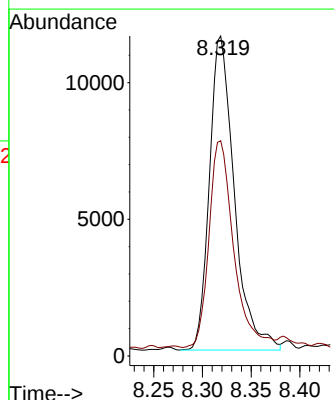
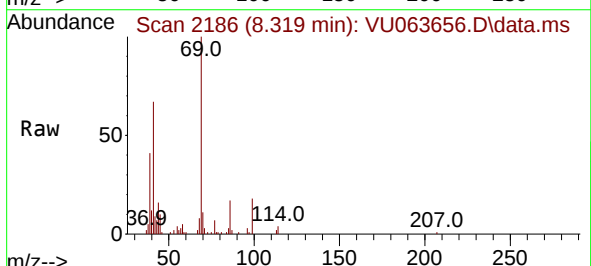
Acq: 31 Oct 2025 10:04

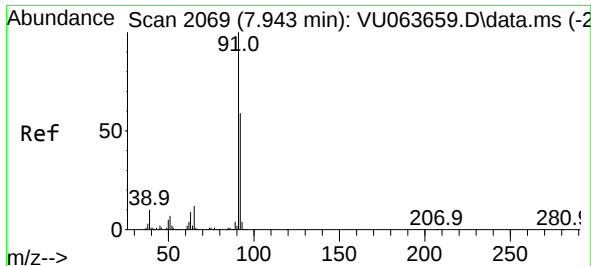
Tgt Ion: 69 Resp: 20413

Ion Ratio Lower Upper

69 100

41 65.2 32.8 98.3





#49

Toluene

Concen: 1.065 ug/l

RT: 7.942 min Scan# 2069

Delta R.T. -0.000 min

Lab File: VU063656.D

Acq: 31 Oct 2025 10:04

Instrument :

MSVOA_U

ClientSampleId :

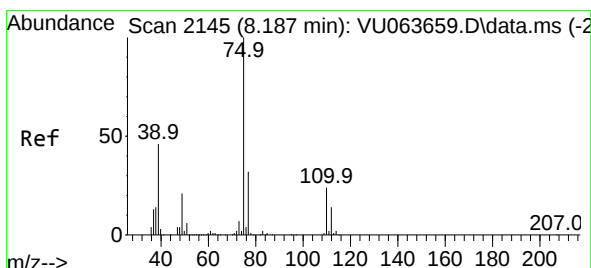
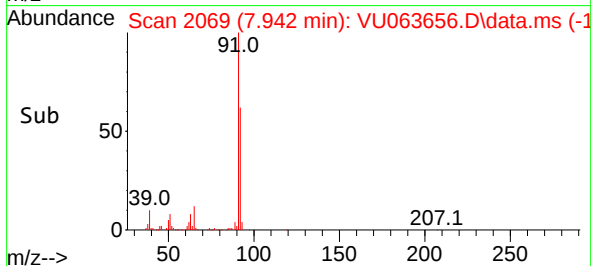
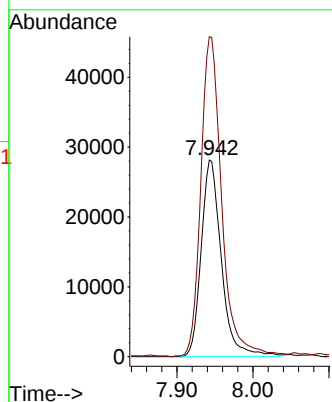
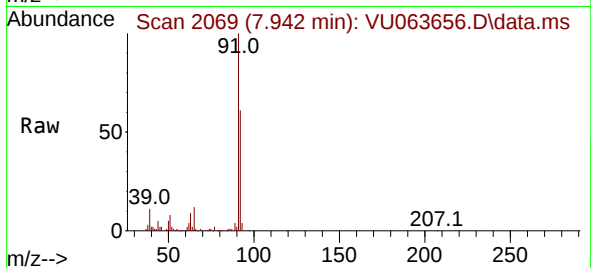
VSTDIC001

Tgt Ion: 92 Resp: 51950

Ion Ratio Lower Upper

92 100

91 169.1 136.8 205.2



#50

t-1,3-Dichloropropene

Concen: 1.204 ug/l

RT: 8.190 min Scan# 2146

Delta R.T. 0.003 min

Lab File: VU063656.D

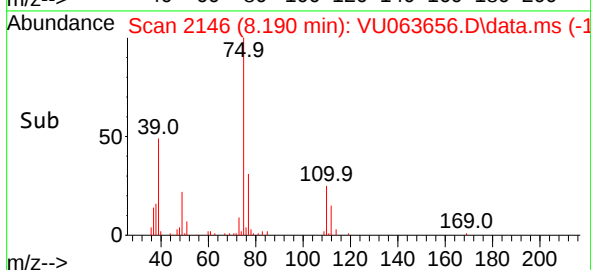
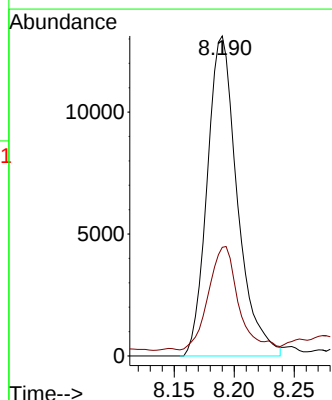
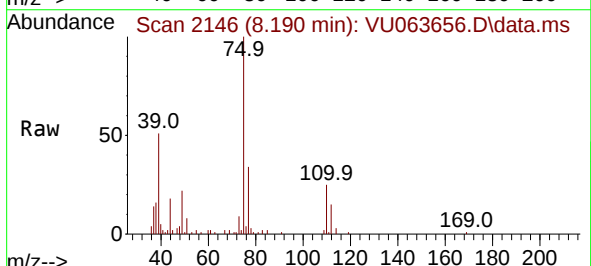
Acq: 31 Oct 2025 10:04

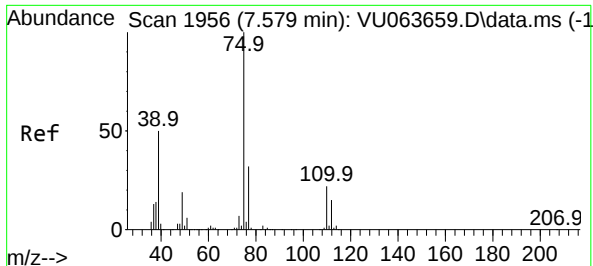
Tgt Ion: 75 Resp: 22926

Ion Ratio Lower Upper

75 100

77 32.1 25.8 38.6

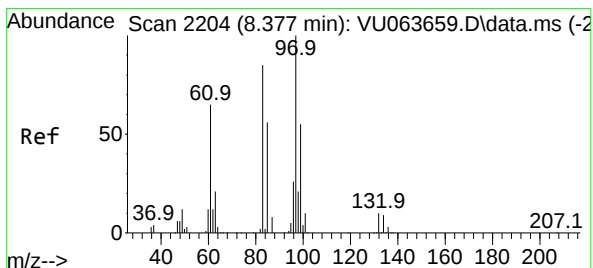
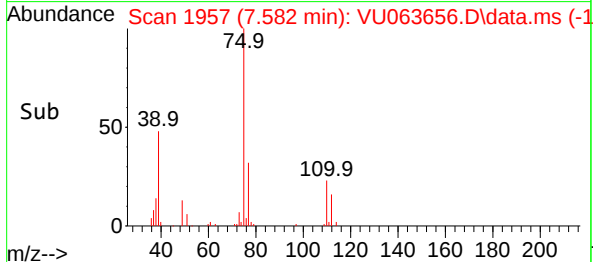
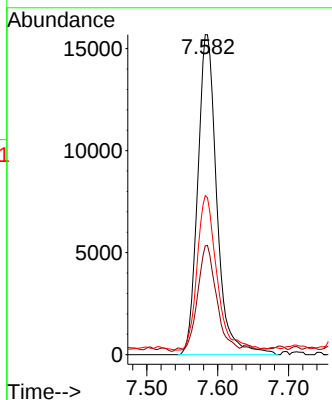
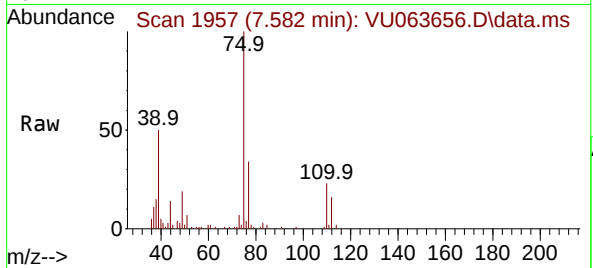




#51
 cis-1,3-Dichloropropene
 Concen: 1.177 ug/l
 RT: 7.582 min Scan# 1956
 Delta R.T. 0.003 min
 Lab File: VU063656.D
 Acq: 31 Oct 2025 10:04

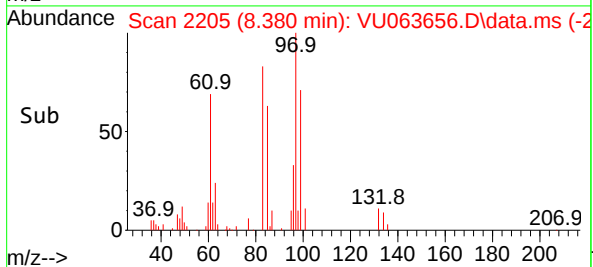
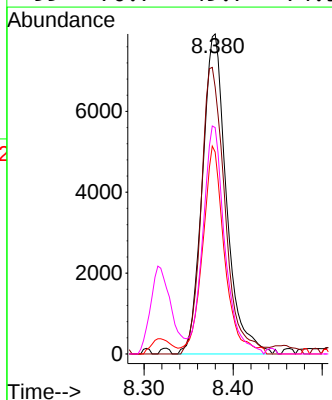
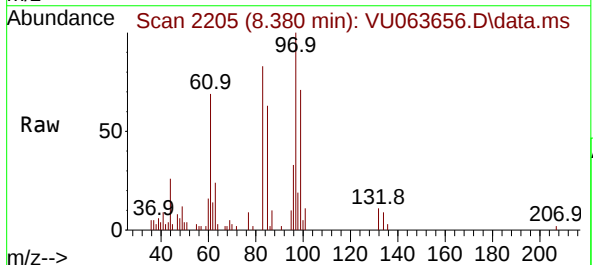
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

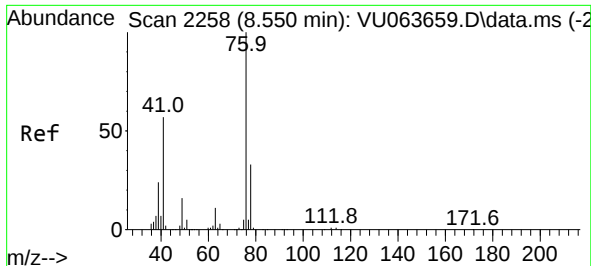
Tgt Ion:	75	Resp:	29325
Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.5	38.3
39	48.2	39.9	59.9



#52
 1,1,2-Trichloroethane
 Concen: 0.937 ug/l
 RT: 8.380 min Scan# 2205
 Delta R.T. 0.003 min
 Lab File: VU063656.D
 Acq: 31 Oct 2025 10:04

Tgt Ion:	97	Resp:	14861
Ion	Ratio	Lower	Upper
97	100		
83	83.4	68.3	102.5
85	63.1	45.3	67.9
99	70.7	49.7	74.5





#53

1,3-Dichloropropane

Concen: 0.967 ug/l

RT: 8.553 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063656.D

Acq: 31 Oct 2025 10:04

Instrument :

MSVOA_U

ClientSampleId :

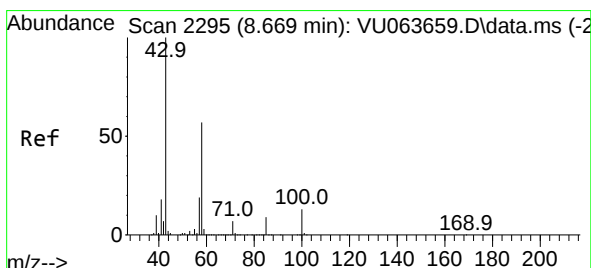
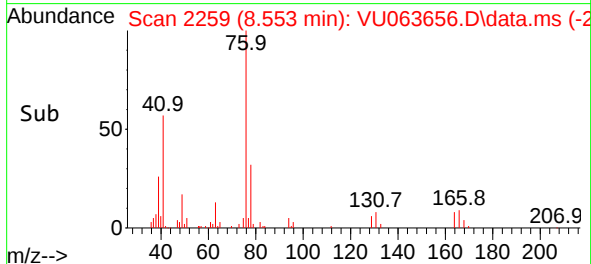
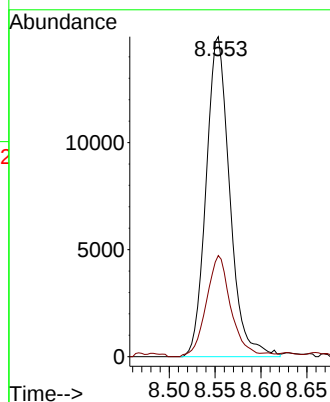
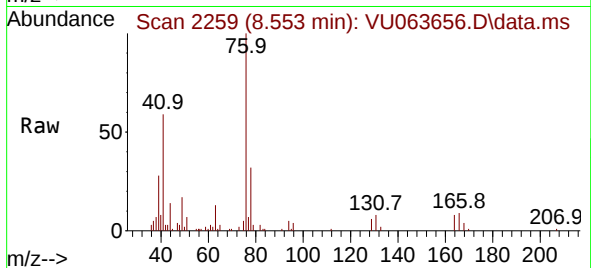
VSTDICC001

Tgt Ion: 76 Resp: 26752

Ion Ratio Lower Upper

76 100

78 32.7 25.8 38.6



#54

2-Hexanone

Concen: 5.244 ug/l

RT: 8.672 min Scan# 2296

Delta R.T. 0.003 min

Lab File: VU063656.D

Acq: 31 Oct 2025 10:04

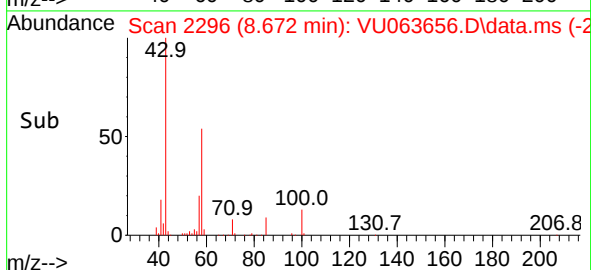
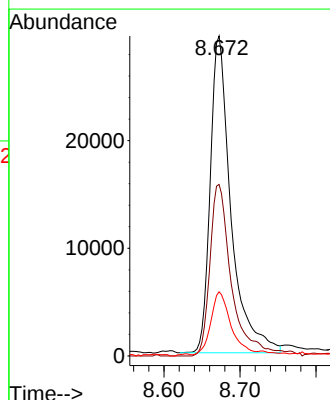
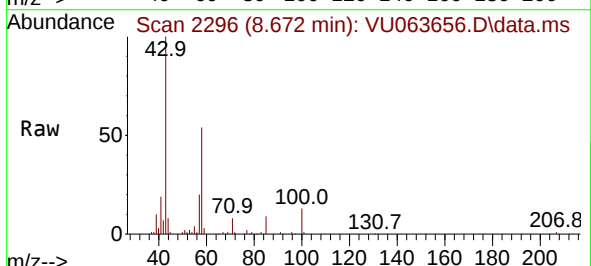
Tgt Ion: 43 Resp: 55754

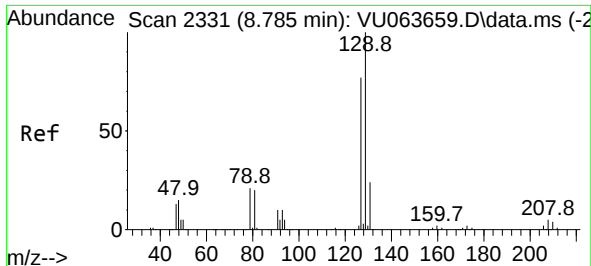
Ion Ratio Lower Upper

43 100

58 56.2 36.3 76.3

57 19.1 0.0 39.7

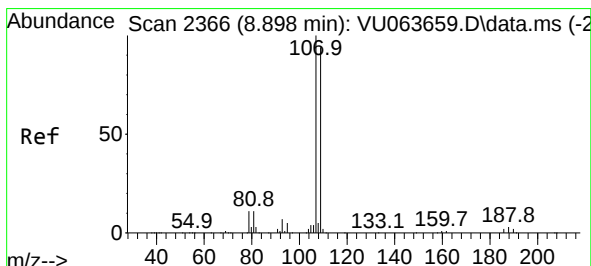
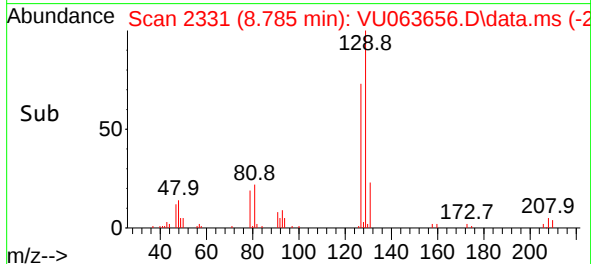
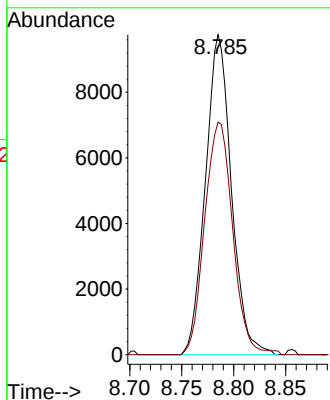
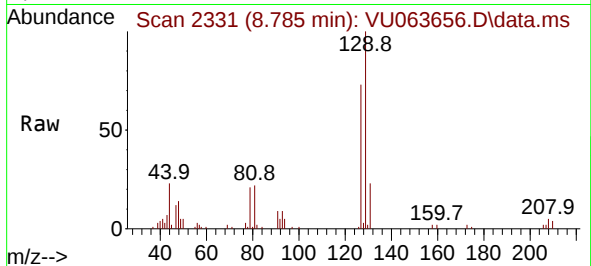




#55
Dibromochloromethane
Concen: 1.068 ug/l
RT: 8.785 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

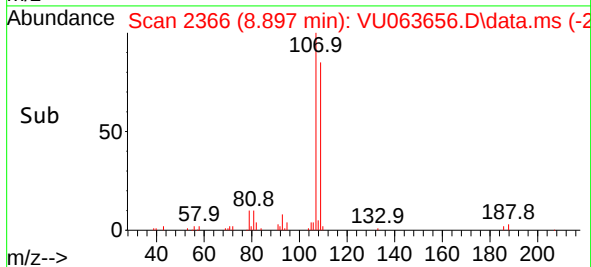
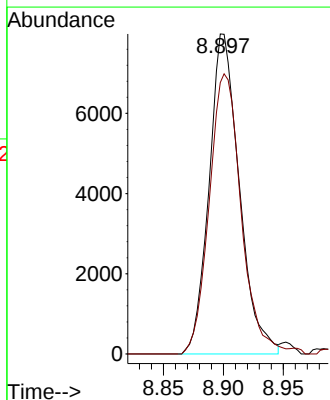
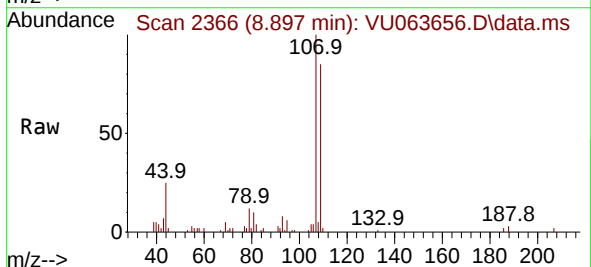
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

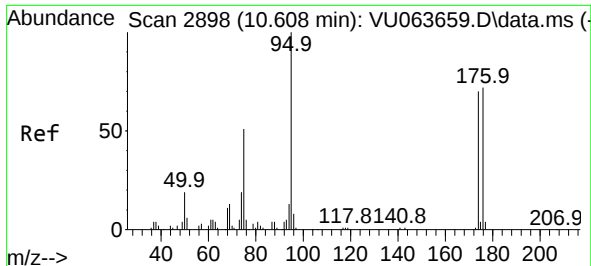
Tgt Ion:129 Resp: 17016
Ion Ratio Lower Upper
129 100
127 78.2 61.4 92.0



#56
1,2-Dibromoethane
Concen: 1.006 ug/l
RT: 8.897 min Scan# 2366
Delta R.T. -0.000 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

Tgt Ion:107 Resp: 13999
Ion Ratio Lower Upper
107 100
109 92.2 0.0 188.0

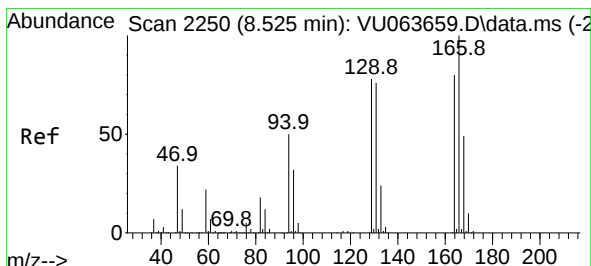
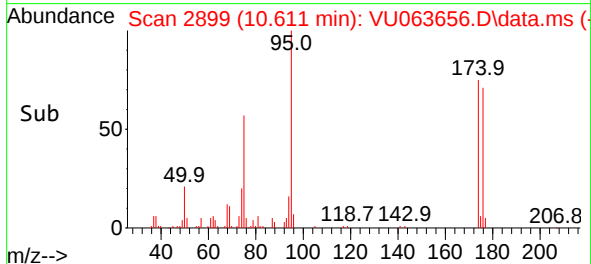
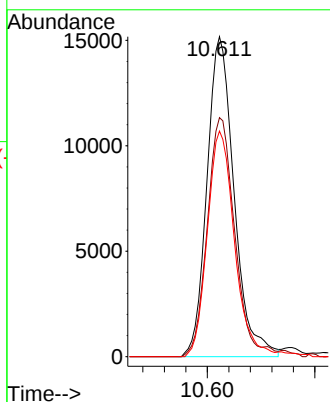
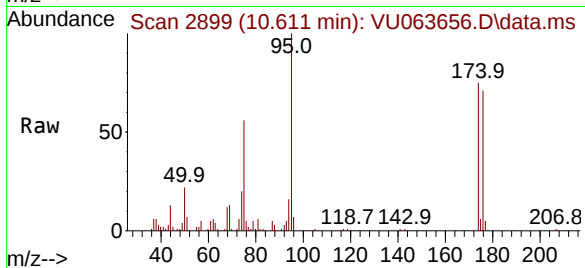




#57
4-Bromofluorobenzene
Concen: 1.034 ug/l
RT: 10.611 min Scan# 2899
Delta R.T. 0.003 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

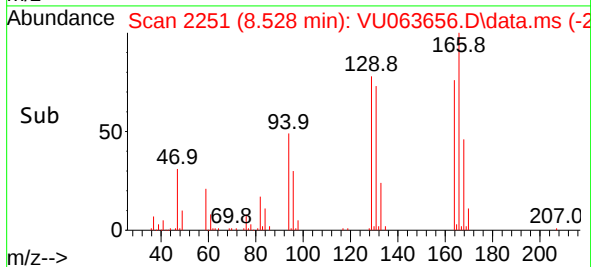
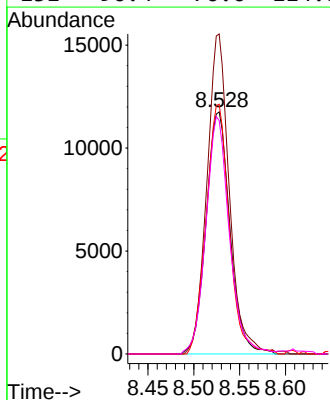
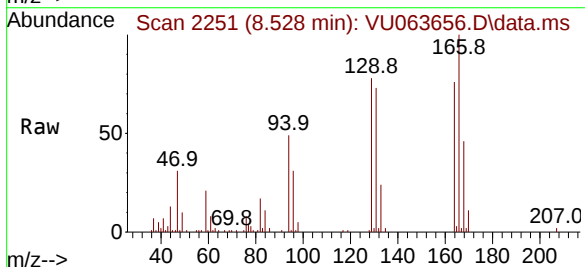
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

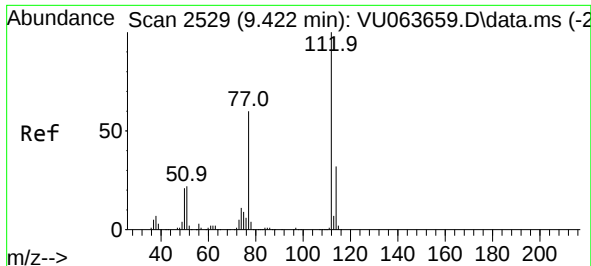
Tgt Ion: 95 Resp: 26588
Ion Ratio Lower Upper
95 100
174 75.5 59.9 89.9
176 71.4 58.8 88.2



#58
Tetrachloroethene
Concen: 0.973 ug/l
RT: 8.528 min Scan# 2251
Delta R.T. 0.003 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

Tgt Ion:164 Resp: 21302
Ion Ratio Lower Upper
164 100
166 132.2 100.1 150.1
129 103.2 77.6 116.4
131 96.4 76.6 114.8

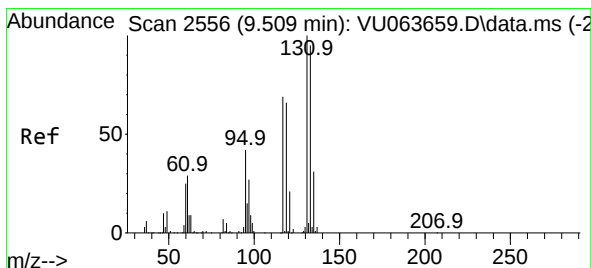
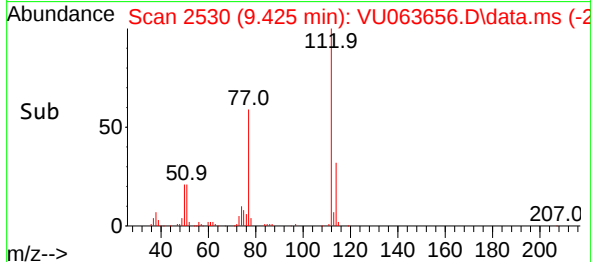
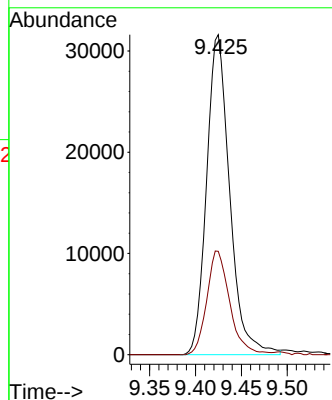
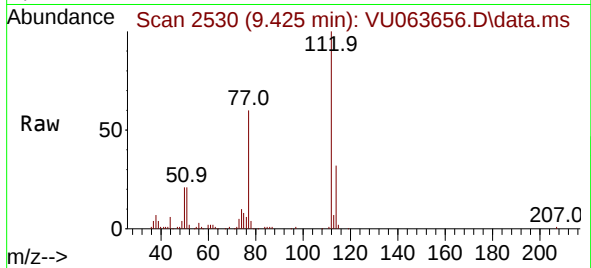




#59
Chlorobenzene
Concen: 0.997 ug/l
RT: 9.425 min Scan# 2529
Delta R.T. 0.003 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

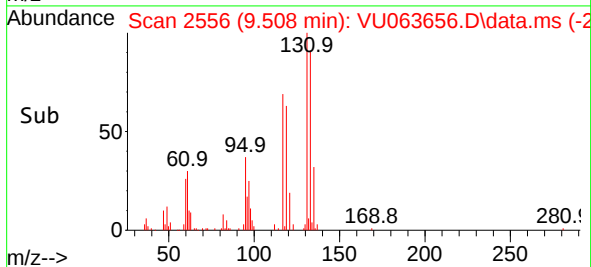
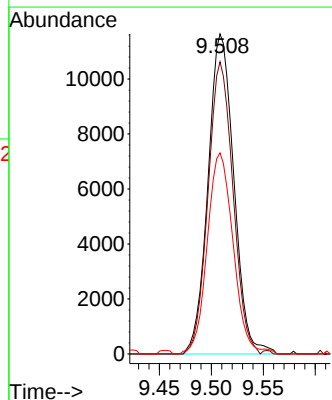
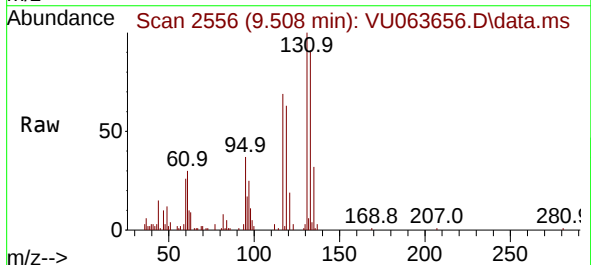
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

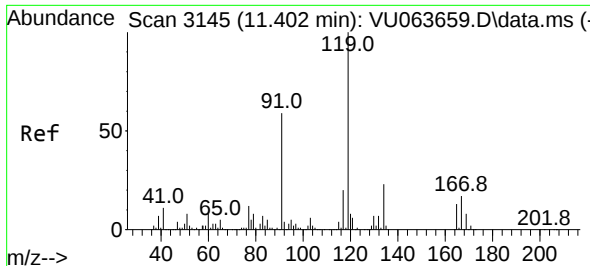
Tgt Ion:112 Resp: 55288
Ion Ratio Lower Upper
112 100
114 32.3 26.0 39.0



#60
1,1,1,2-Tetrachloroethane
Concen: 1.101 ug/l
RT: 9.508 min Scan# 2556
Delta R.T. -0.000 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

Tgt Ion:131 Resp: 20110
Ion Ratio Lower Upper
131 100
133 88.2 77.0 115.6
119 63.0 52.8 79.2

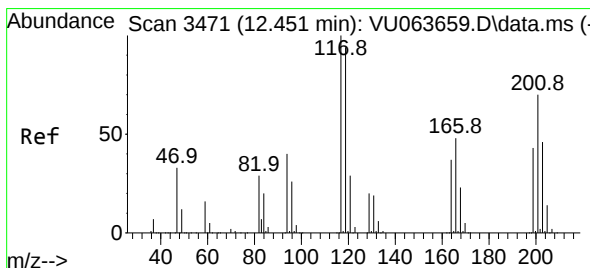
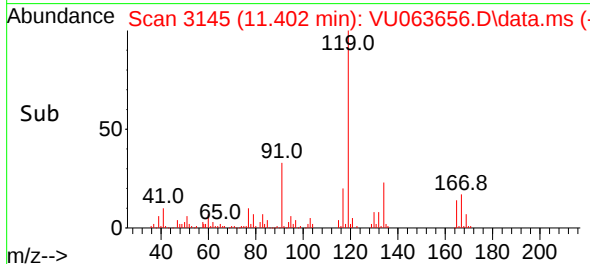
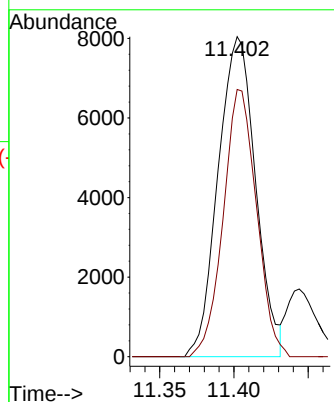
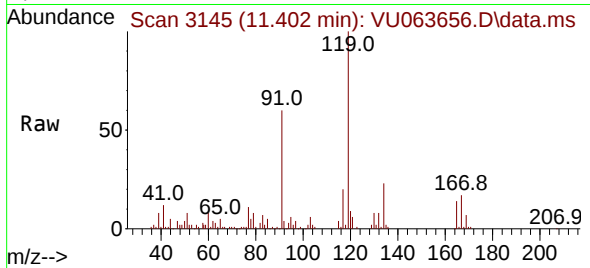




#61
 Pentachloroethane
 Concen: 1.085 ug/l
 RT: 11.402 min Scan# 3145
 Delta R.T. -0.000 min
 Lab File: VU063656.D
 Acq: 31 Oct 2025 10:04

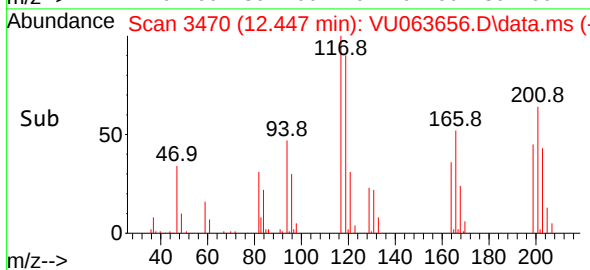
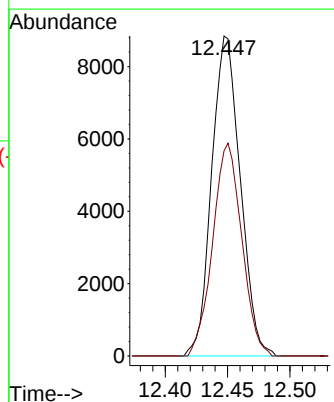
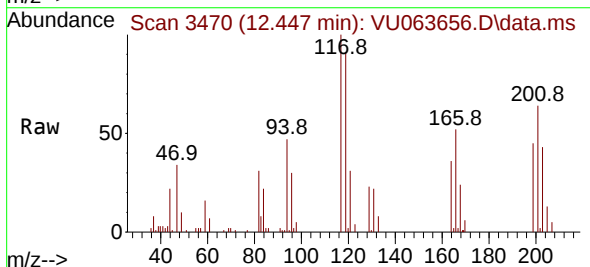
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

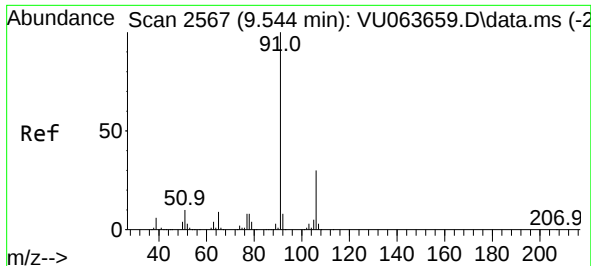
Tgt Ion:117 Resp: 14120
 Ion Ratio Lower Upper
 117 100
 167 74.1 62.8 94.2



#62
 Hexachloroethane
 Concen: 1.183 ug/l
 RT: 12.447 min Scan# 3470
 Delta R.T. -0.003 min
 Lab File: VU063656.D
 Acq: 31 Oct 2025 10:04

Tgt Ion:117 Resp: 14139
 Ion Ratio Lower Upper
 117 100
 201 67.6 56.3 84.5

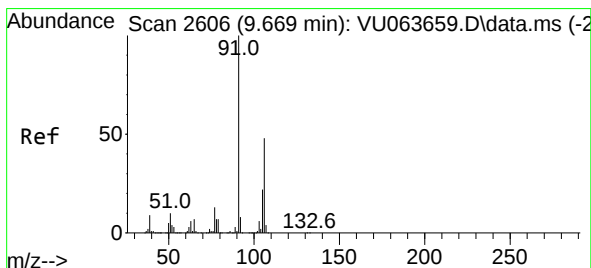
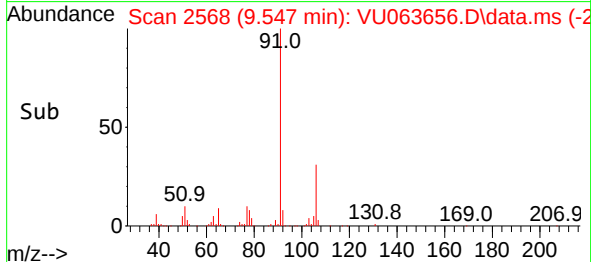
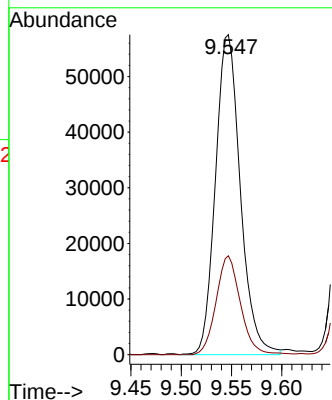
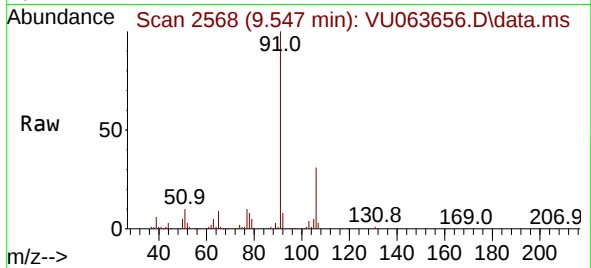




#63
Ethyl Benzene
Concen: 1.037 ug/l
RT: 9.547 min Scan# 2567
Delta R.T. 0.003 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

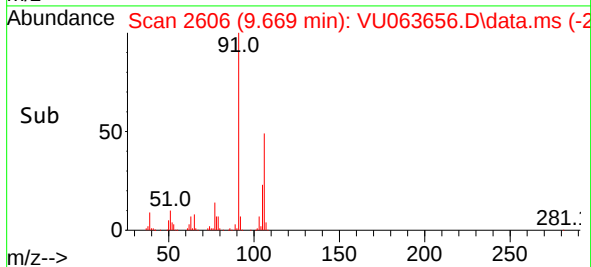
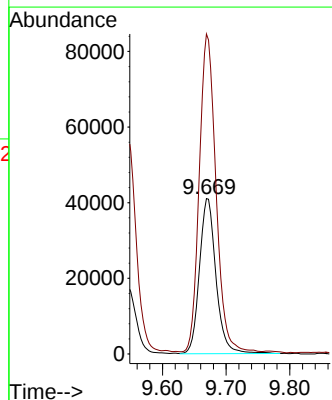
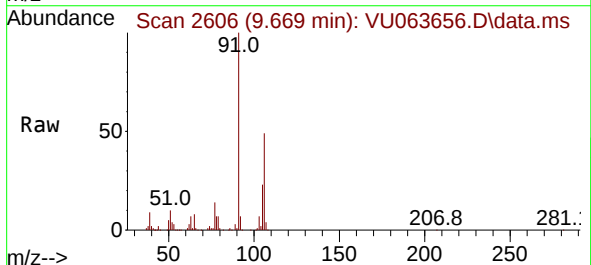
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

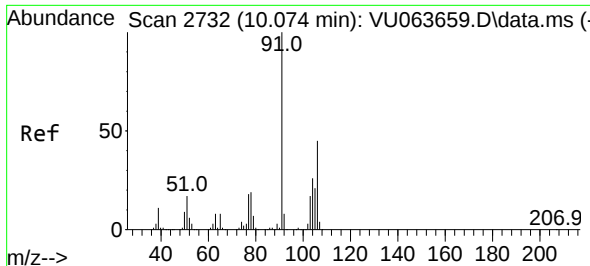
Tgt Ion: 91 Resp: 98934
Ion Ratio Lower Upper
91 100
106 30.9 24.1 36.1



#64
m/p-Xylenes
Concen: 2.028 ug/l
RT: 9.669 min Scan# 2606
Delta R.T. -0.000 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

Tgt Ion:106 Resp: 74132
Ion Ratio Lower Upper
106 100
91 205.5 167.0 250.4

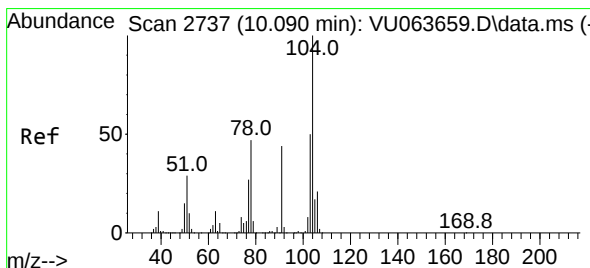
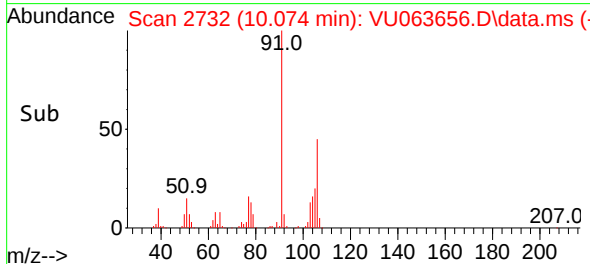
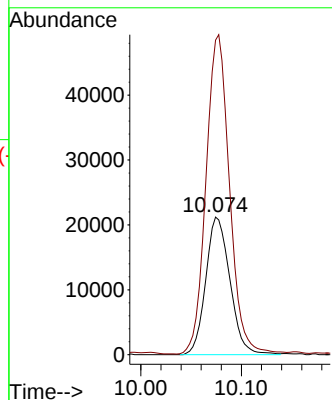
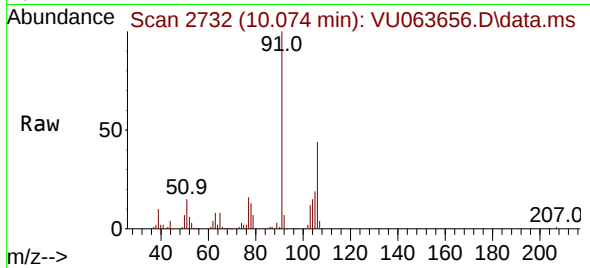




#65
o-Xylene
Concen: 0.972 ug/l
RT: 10.074 min Scan# 2732
Delta R.T. -0.000 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

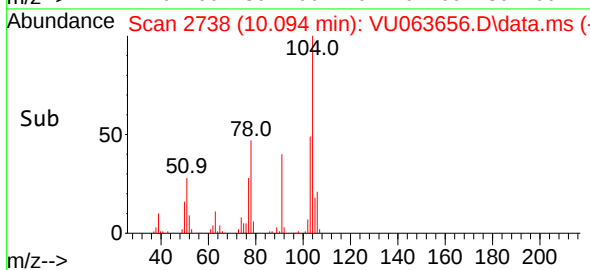
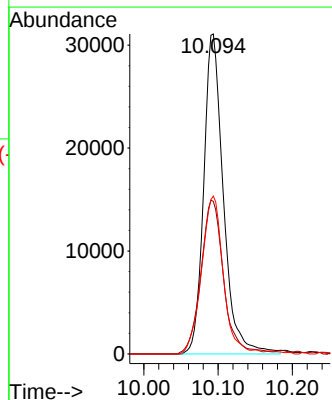
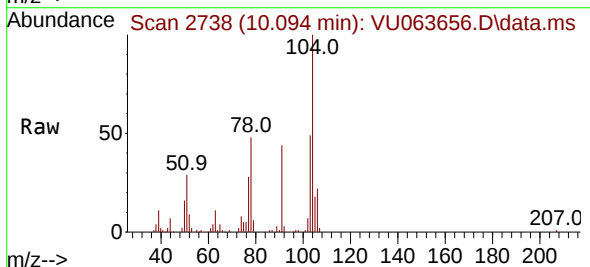
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

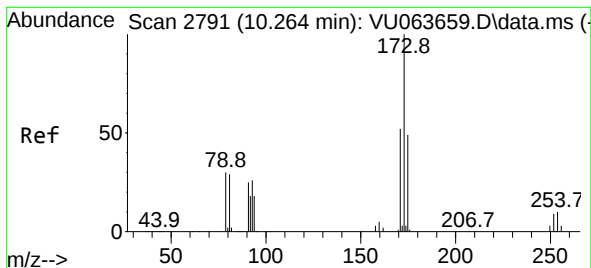
Tgt Ion:106 Resp: 35493
Ion Ratio Lower Upper
106 100
91 225.7 109.3 327.9



#66
Styrene
Concen: 0.982 ug/l
RT: 10.094 min Scan# 2738
Delta R.T. 0.003 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

Tgt Ion:104 Resp: 57244
Ion Ratio Lower Upper
104 100
78 55.4 42.8 64.2
103 53.9 43.9 65.9





#67

Bromoform

Concen: 1.180 ug/l

RT: 10.267 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063656.D

Acq: 31 Oct 2025 10:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

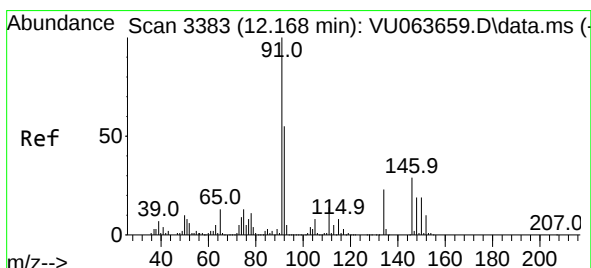
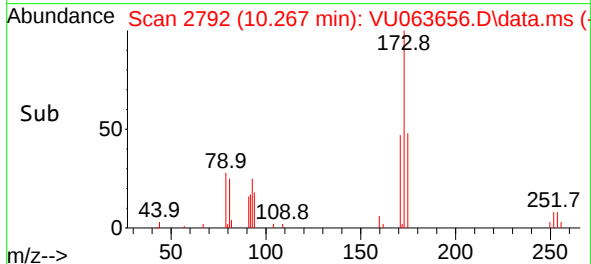
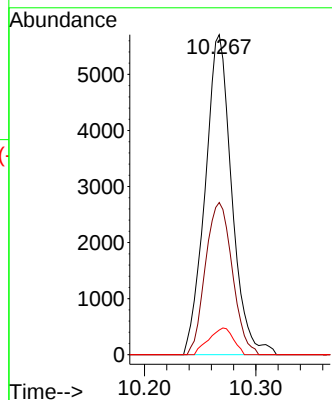
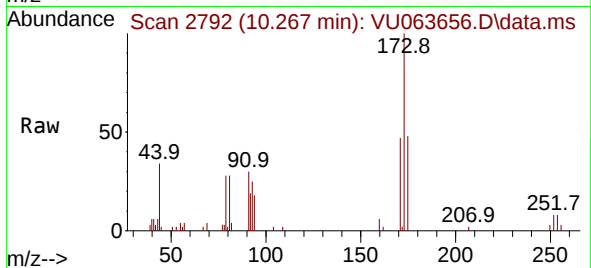
Tgt Ion:173 Resp: 9456

Ion Ratio Lower Upper

173 100

175 48.1 39.0 58.4

254 7.7 7.4 11.0



#68

1,2-Dichlorobenzene-d4

Concen: 0.953 ug/l

RT: 12.171 min Scan# 3384

Delta R.T. 0.003 min

Lab File: VU063656.D

Acq: 31 Oct 2025 10:04

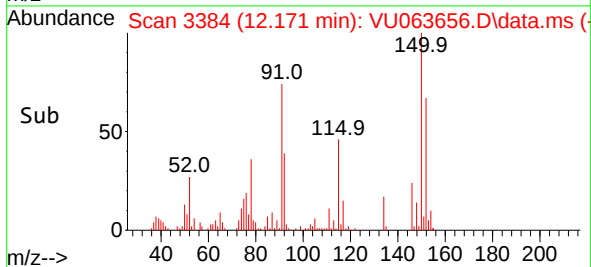
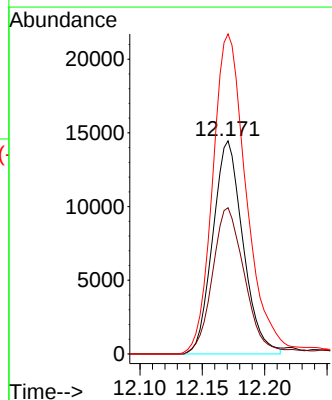
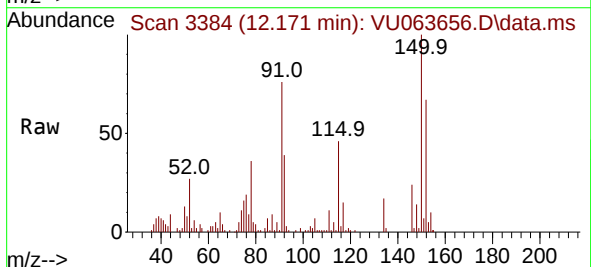
Tgt Ion:152 Resp: 24387

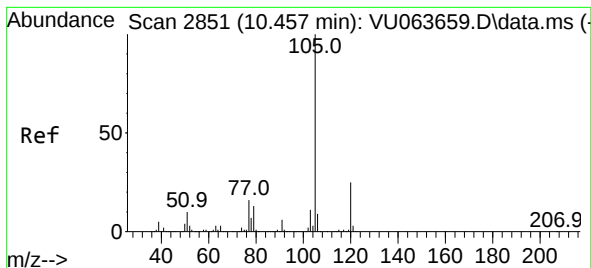
Ion Ratio Lower Upper

152 100

115 74.1 0.0 247.2

150 170.8 0.0 643.6





#69

Isopropylbenzene

Concen: 0.999 ug/l

RT: 10.460 min Scan# 2851

Delta R.T. 0.003 min

Lab File: VU063656.D

Acq: 31 Oct 2025 10:04

Instrument :

MSVOA_U

ClientSampleId :

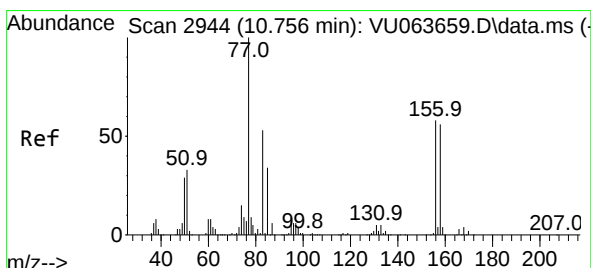
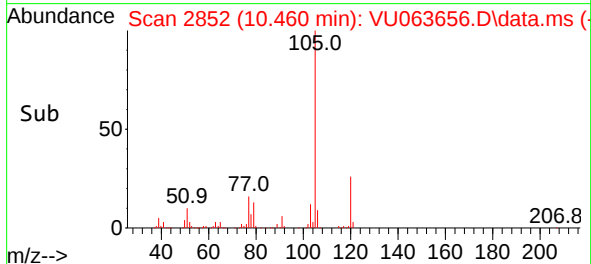
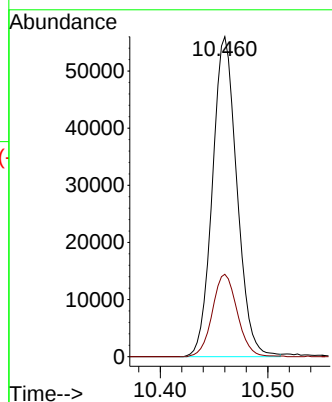
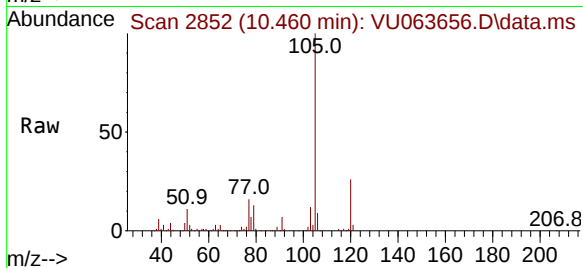
VSTDIC001

Tgt Ion:105 Resp: 88699

Ion Ratio Lower Upper

105 100

120 26.3 12.9 38.6



#70

1,1,2,2-Tetrachloroethane

Concen: 0.931 ug/l

RT: 10.759 min Scan# 2945

Delta R.T. 0.003 min

Lab File: VU063656.D

Acq: 31 Oct 2025 10:04

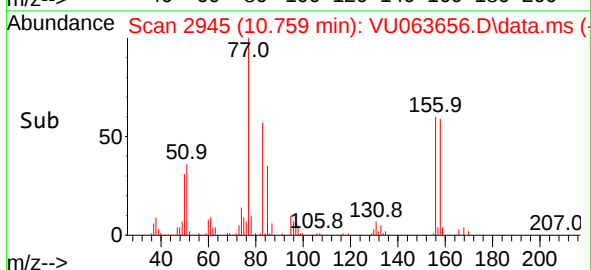
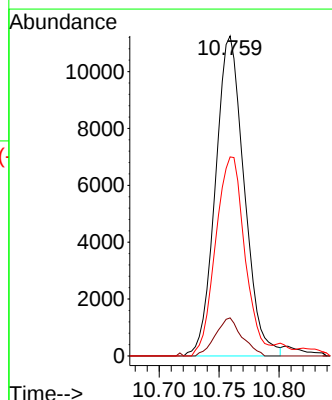
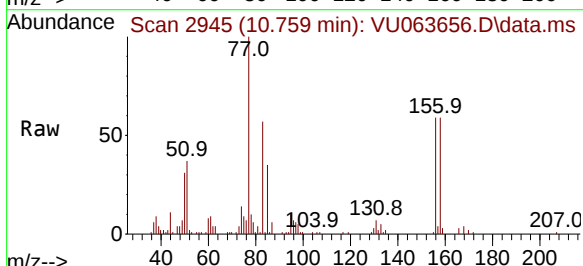
Tgt Ion: 83 Resp: 18757

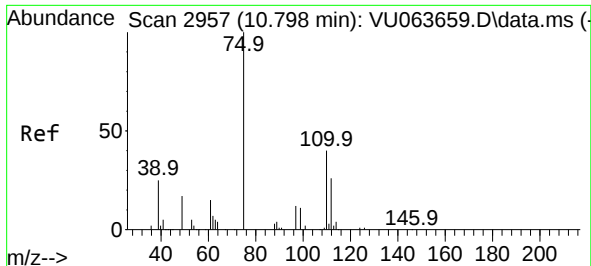
Ion Ratio Lower Upper

83 100

131 10.9 8.1 12.1

85 63.4 51.0 76.6



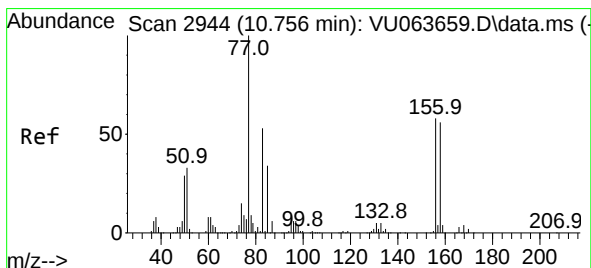
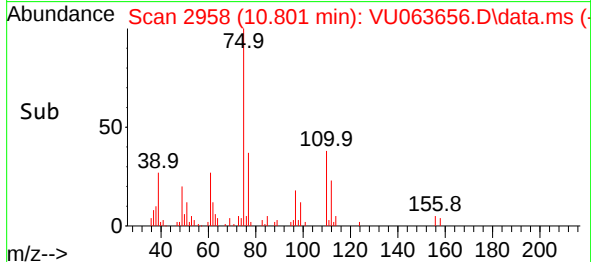
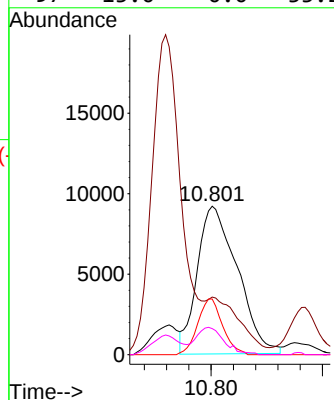
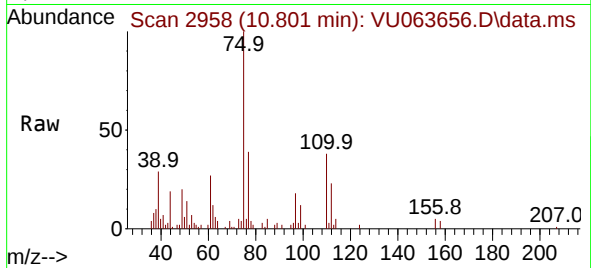


#71
1,2,3-Trichloropropane
Concen: 1.476 ug/l
RT: 10.801 min Scan# 2958
Delta R.T. 0.003 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Tgt Ion: 75 Resp: 22929

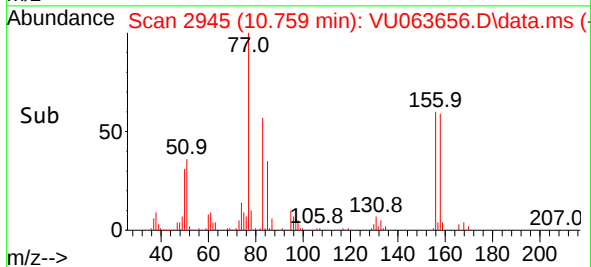
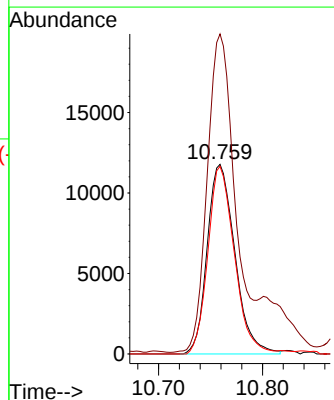
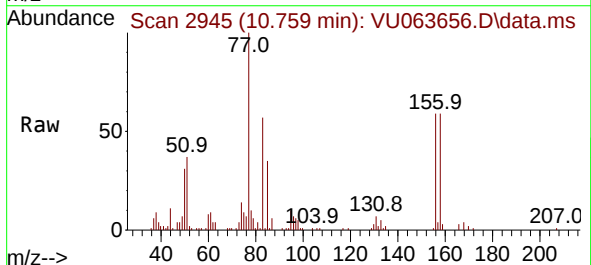
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0
110	23.4	0.0	66.4
97	13.0	0.0	33.2

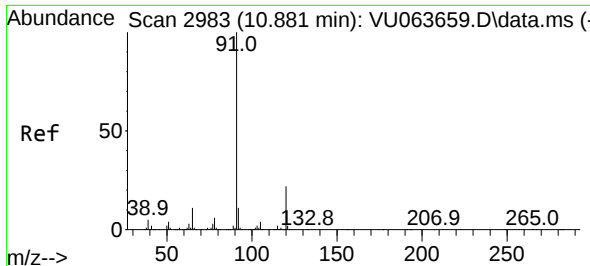


#72
Bromobenzene
Concen: 0.956 ug/l
RT: 10.759 min Scan# 2945
Delta R.T. 0.003 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

Tgt Ion: 156 Resp: 21809

Ion	Ratio	Lower	Upper
156	100		
77	166.9	0.0	337.2
158	94.6	0.0	191.8

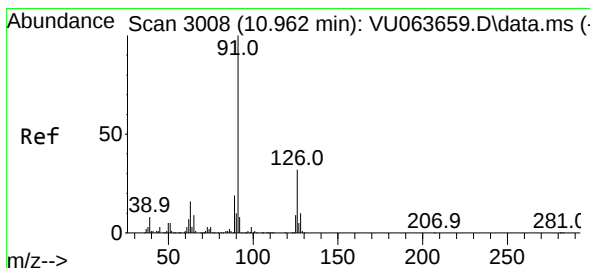
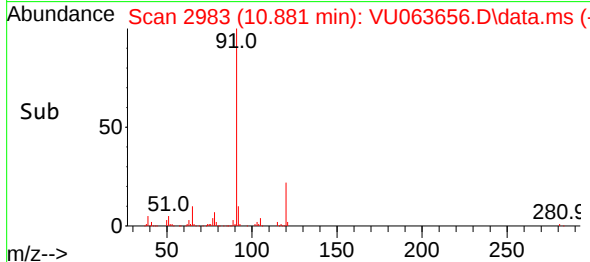
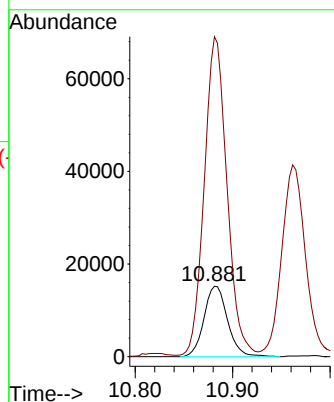
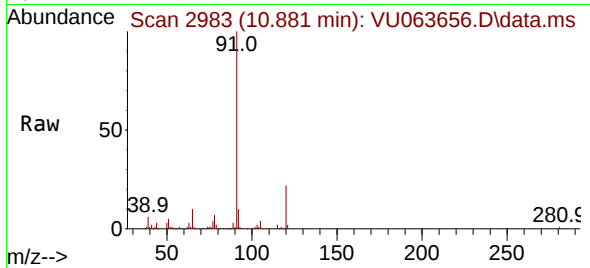




#73
n-propylbenzene
Concen: 1.001 ug/l
RT: 10.881 min Scan# 2983
Delta R.T. -0.000 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

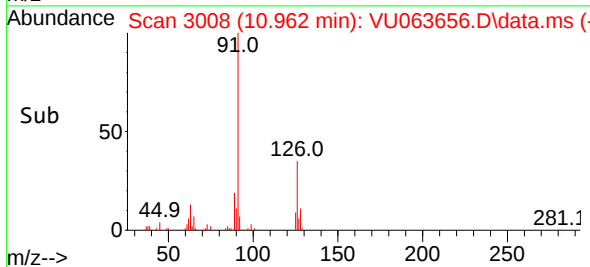
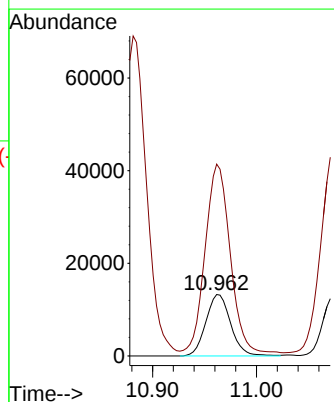
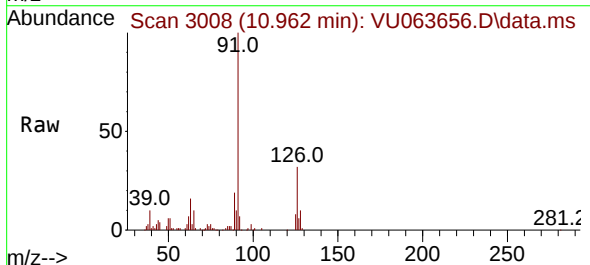
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

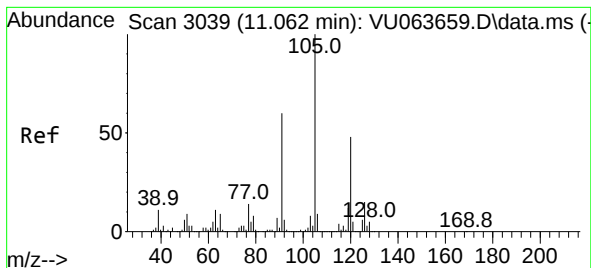
Tgt Ion:120 Resp: 25499
Ion Ratio Lower Upper
120 100
91 434.4 361.4 542.2



#74
2-Chlorotoluene
Concen: 0.958 ug/l
RT: 10.962 min Scan# 3008
Delta R.T. -0.000 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

Tgt Ion:126 Resp: 21936
Ion Ratio Lower Upper
126 100
91 312.0 0.0 634.8





#75

1,3,5-Trimethylbenzene

Concen: 0.993 ug/l

RT: 11.065 min Scan# 3039

Delta R.T. 0.003 min

Lab File: VU063656.D

Acq: 31 Oct 2025 10:04

Instrument :

MSVOA_U

ClientSampleId :

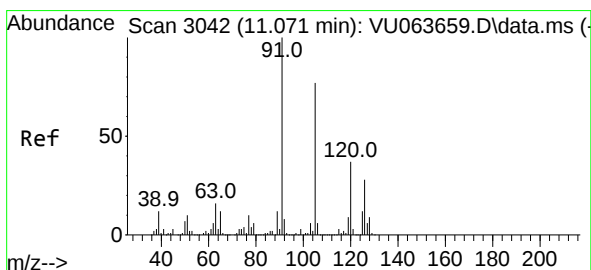
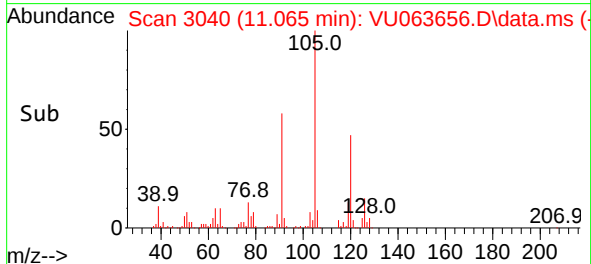
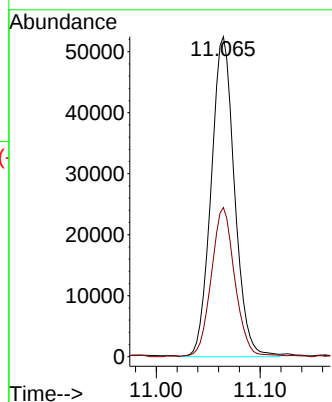
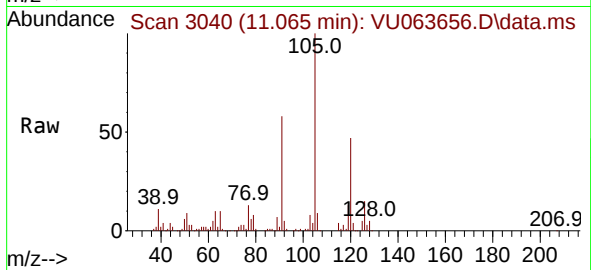
VSTDICC001

Tgt Ion:105 Resp: 82047

Ion Ratio Lower Upper

105 100

120 47.2 38.2 57.2



#76

4-Chlorotoluene

Concen: 0.913 ug/l

RT: 11.074 min Scan# 3043

Delta R.T. 0.003 min

Lab File: VU063656.D

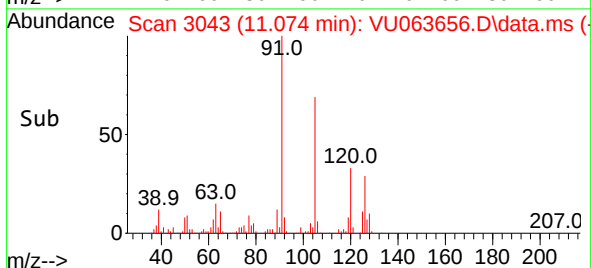
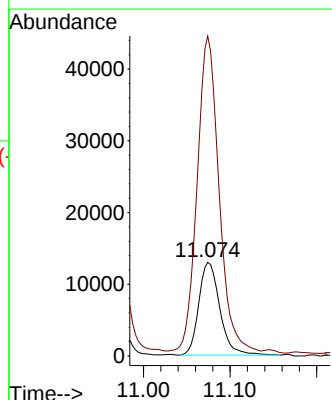
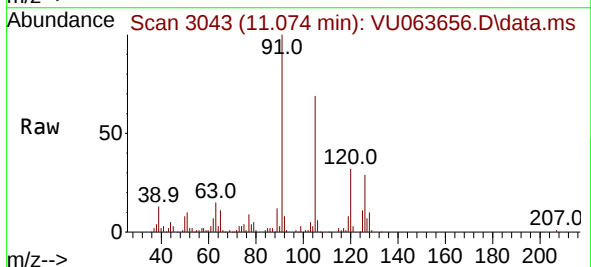
Acq: 31 Oct 2025 10:04

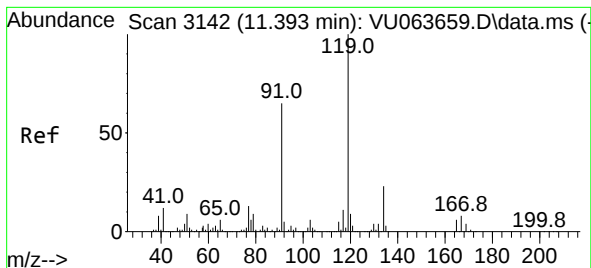
Tgt Ion:126 Resp: 21840

Ion Ratio Lower Upper

126 100

91 351.3 0.0 716.6





#77

tert-Butylbenzene

Concen: 1.014 ug/l

RT: 11.396 min Scan# 3142

Delta R.T. 0.003 min

Lab File: VU063656.D

Acq: 31 Oct 2025 10:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

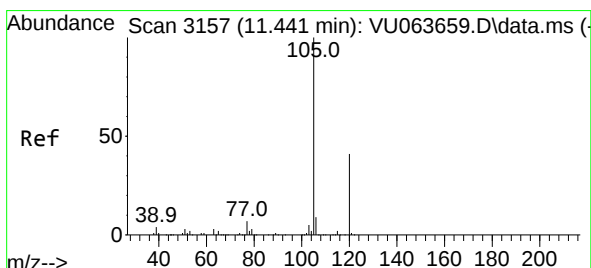
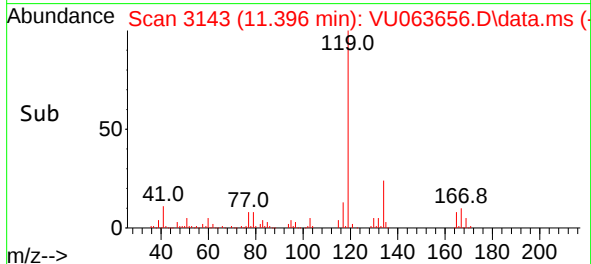
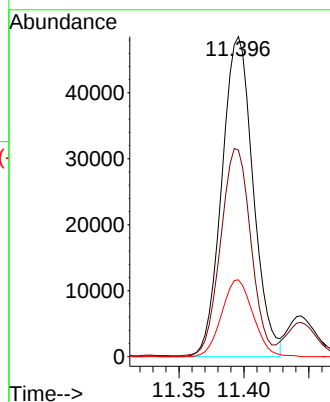
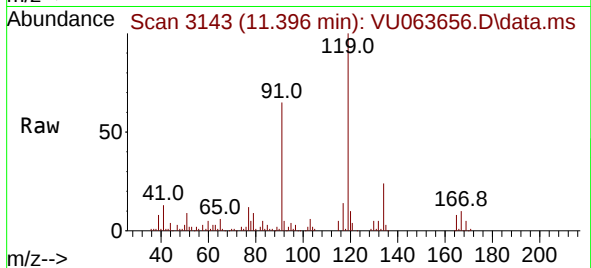
Tgt Ion:119 Resp: 81334

Ion Ratio Lower Upper

119 100

91 62.4 31.3 93.8

134 24.1 18.7 28.1



#78

1,2,4-Trimethylbenzene

Concen: 0.940 ug/l

RT: 11.444 min Scan# 3158

Delta R.T. 0.003 min

Lab File: VU063656.D

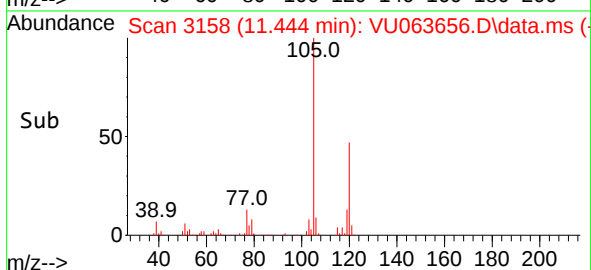
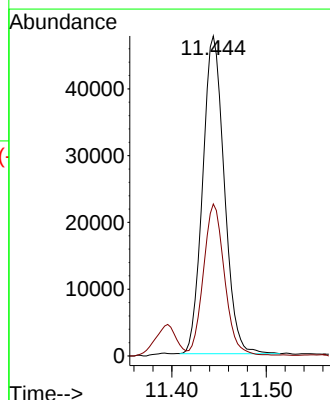
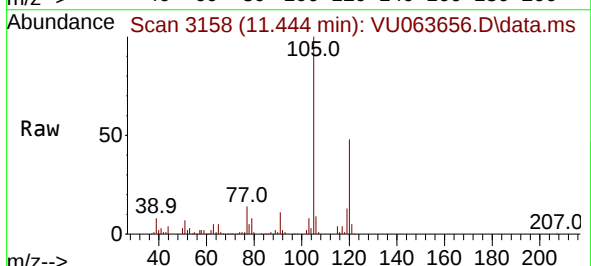
Acq: 31 Oct 2025 10:04

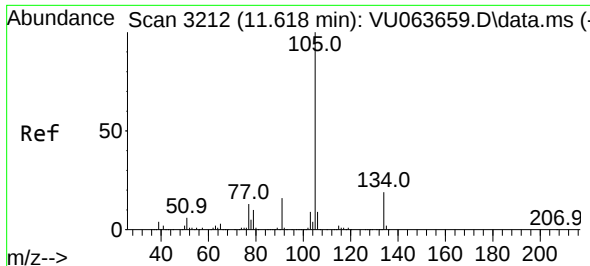
Tgt Ion:105 Resp: 75498

Ion Ratio Lower Upper

105 100

120 46.6 22.4 67.0

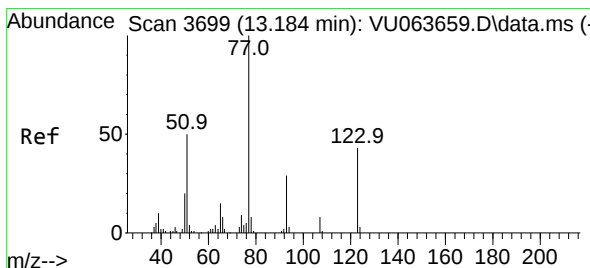
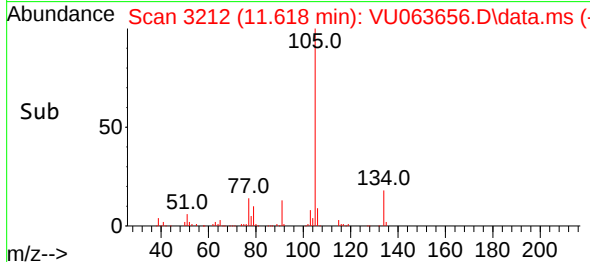
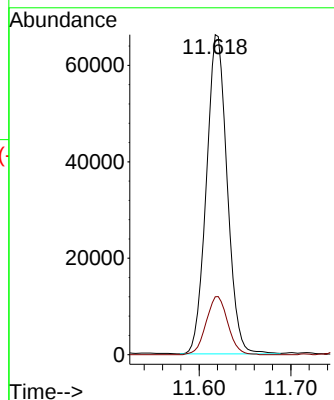
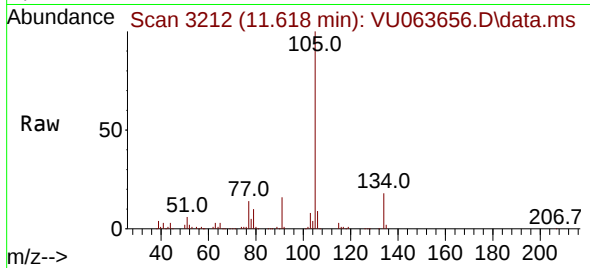




#79
 sec-Butylbenzene
 Concen: 0.964 ug/l
 RT: 11.618 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU063656.D
 Acq: 31 Oct 2025 10:04

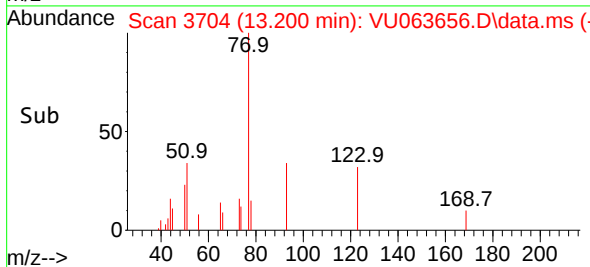
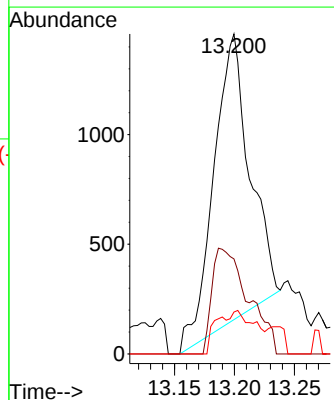
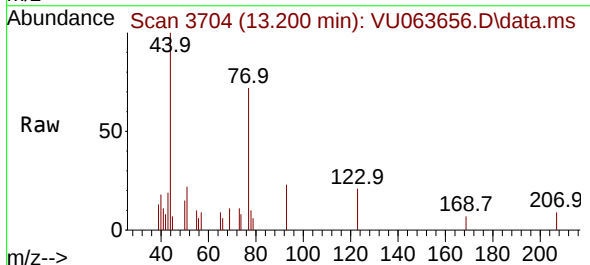
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

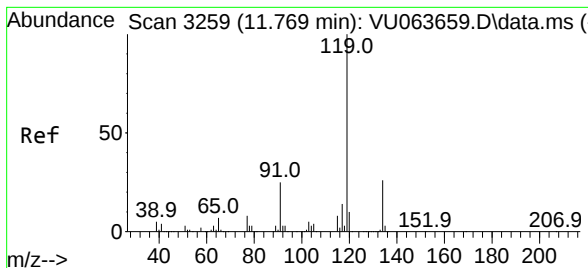
Tgt Ion:105 Resp: 104262
 Ion Ratio Lower Upper
 105 100
 134 19.0 15.7 23.5



#80
 Nitrobenzene
 Concen: 8.158 ug/l
 RT: 13.200 min Scan# 3704
 Delta R.T. 0.016 min
 Lab File: VU063656.D
 Acq: 31 Oct 2025 10:04

Tgt Ion: 77 Resp: 2745
 Ion Ratio Lower Upper
 77 100
 123 37.0 18.2 64.4
 65 15.9 13.6 17.2

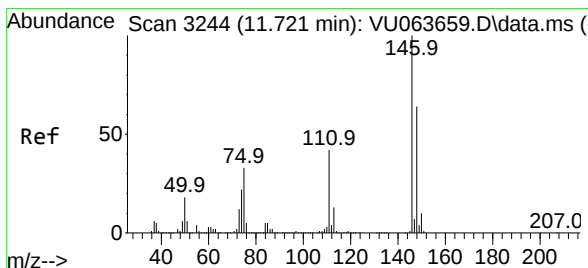
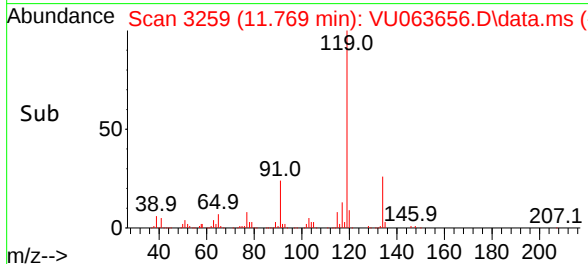
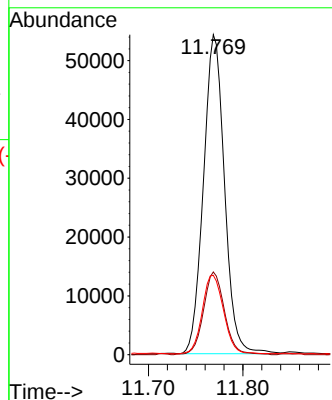
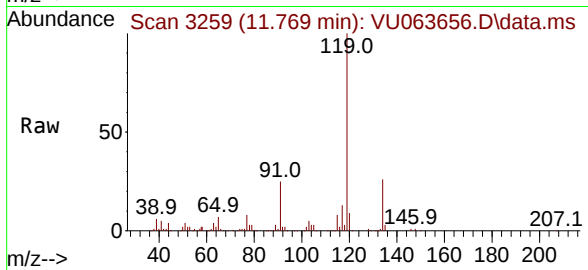




#81
 p-Isopropyltoluene
 Concen: 0.964 ug/l
 RT: 11.769 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU063656.D
 Acq: 31 Oct 2025 10:04

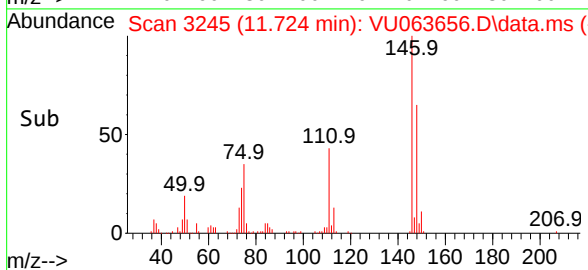
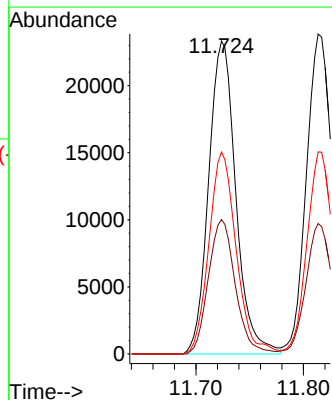
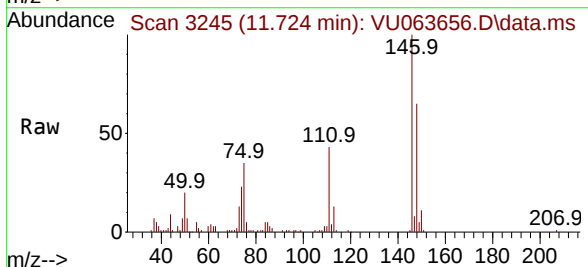
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC001

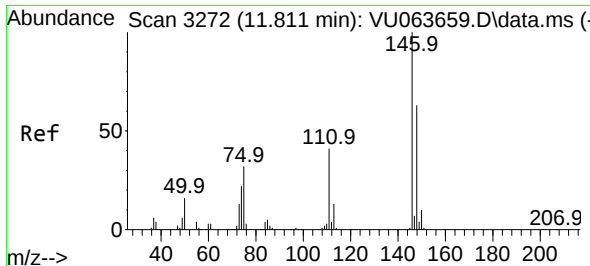
Tgt Ion:	119	Resp:	83889
Ion Ratio	Lower	Upper	
119	100		
134	25.8	20.3	30.5
91	24.9	20.1	30.1



#82
 1,3-Dichlorobenzene
 Concen: 0.900 ug/l
 RT: 11.724 min Scan# 3245
 Delta R.T. 0.003 min
 Lab File: VU063656.D
 Acq: 31 Oct 2025 10:04

Tgt Ion:	146	Resp:	40986
Ion Ratio	Lower	Upper	
146	100		
111	42.5	33.8	50.8
148	64.8	50.8	76.2

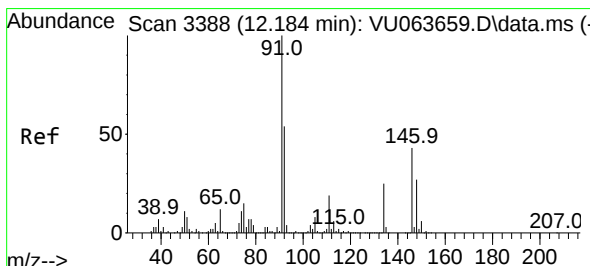
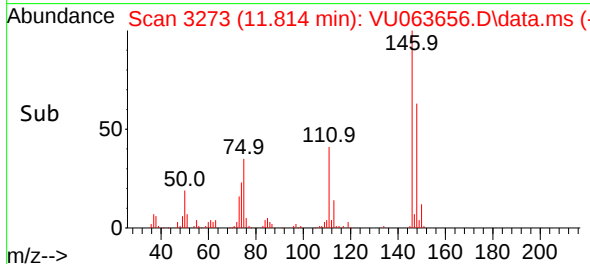
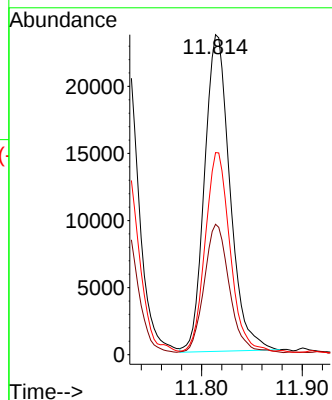
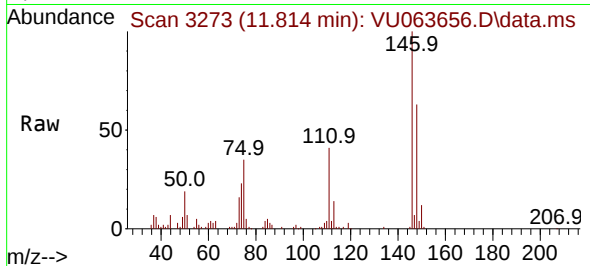




#83
1,4-Dichlorobenzene
Concen: 0.888 ug/l
RT: 11.814 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

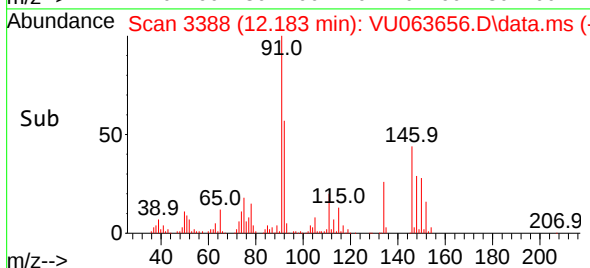
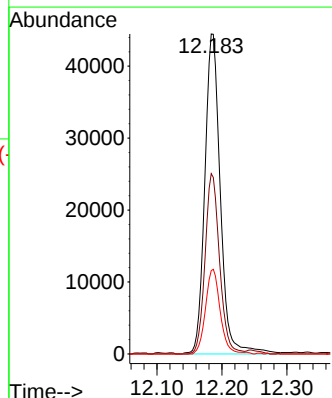
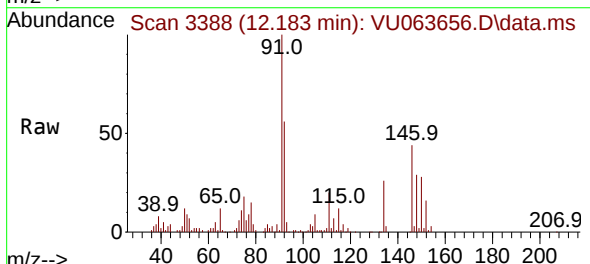
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

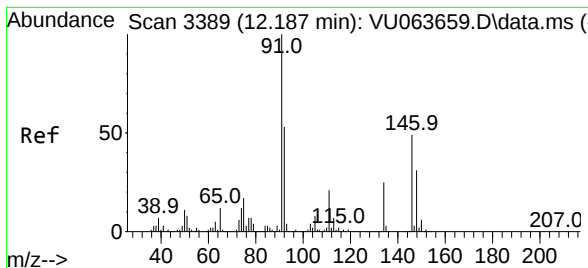
Tgt Ion:146 Resp: 41518
Ion Ratio Lower Upper
146 100
111 40.7 33.0 49.4
148 61.6 50.6 76.0



#84
n-Butylbenzene
Concen: 0.914 ug/l
RT: 12.183 min Scan# 3388
Delta R.T. -0.000 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

Tgt Ion: 91 Resp: 74328
Ion Ratio Lower Upper
91 100
92 52.5 43.1 64.7
134 25.0 19.7 29.5





#85

1,2-Dichlorobenzene

Concen: 0.883 ug/l

RT: 12.190 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU063656.D

Acq: 31 Oct 2025 10:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

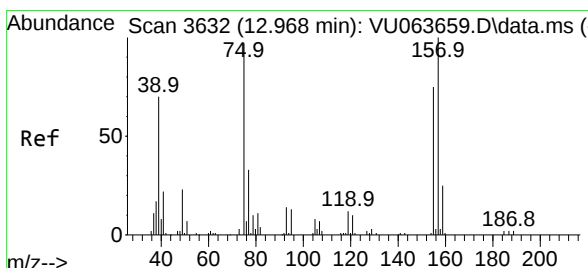
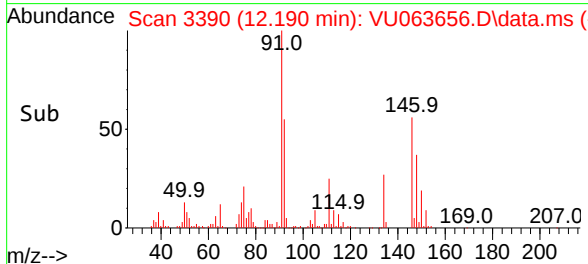
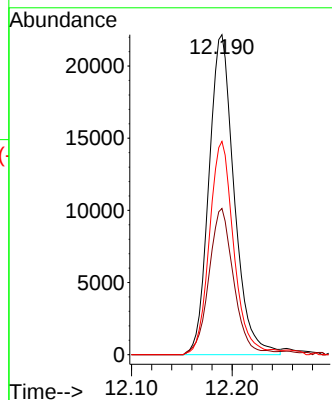
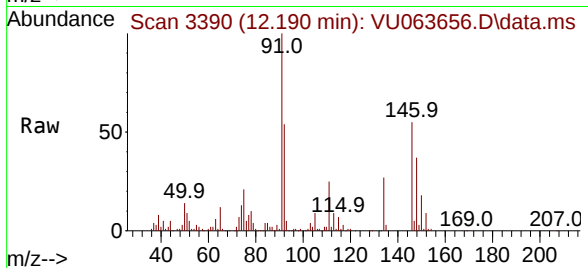
Tgt Ion:146 Resp: 38713

Ion Ratio Lower Upper

146 100

111 44.8 22.2 66.6

148 64.8 31.9 95.5



#86

1,2-Dibromo-3-Chloropropane

Concen: 1.024 ug/l

RT: 12.971 min Scan# 3633

Delta R.T. 0.003 min

Lab File: VU063656.D

Acq: 31 Oct 2025 10:04

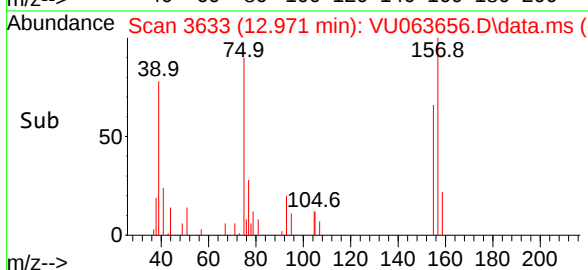
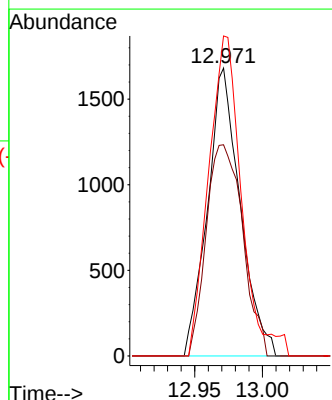
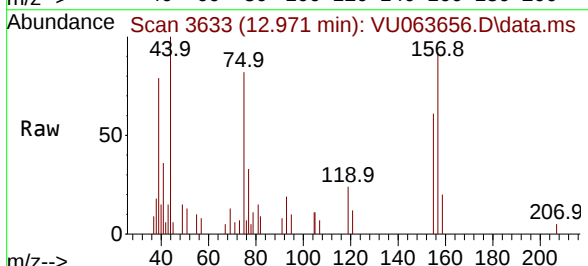
Tgt Ion: 75 Resp: 2813

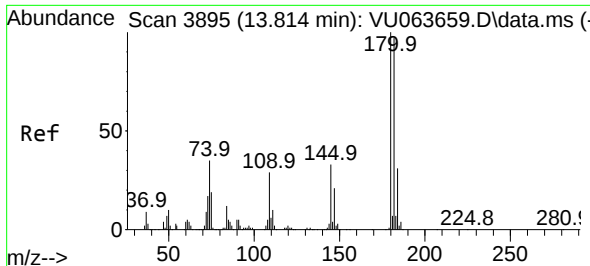
Ion Ratio Lower Upper

75 100

155 81.8 62.2 93.4

157 111.7 81.3 121.9





#87

1,2,4-Trichlorobenzene

Concen: 0.850 ug/l

RT: 13.817 min Scan# 3895

Delta R.T. 0.003 min

Lab File: VU063656.D

Acq: 31 Oct 2025 10:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

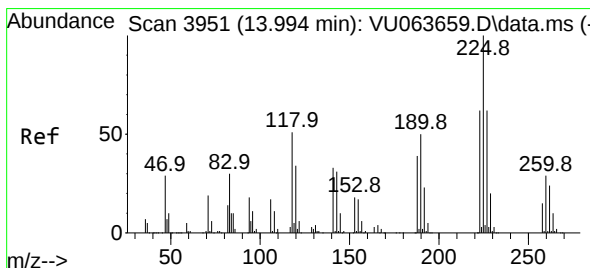
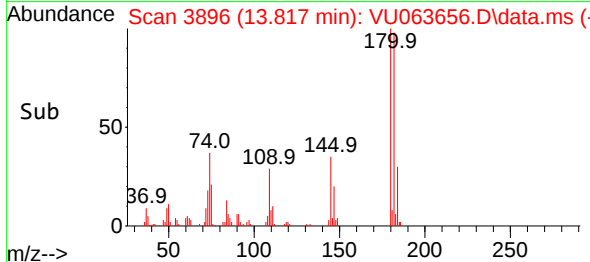
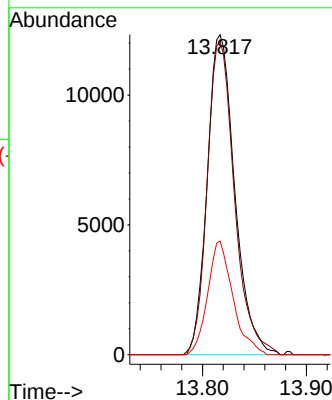
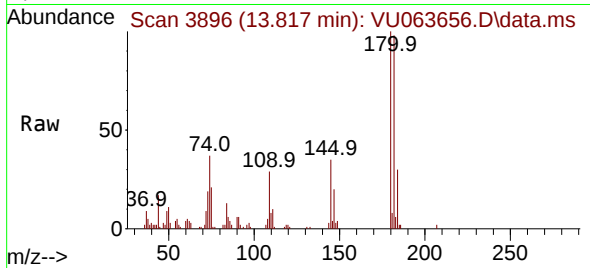
Tgt Ion:180 Resp: 22717

Ion Ratio Lower Upper

180 100

182 96.6 76.4 114.6

145 32.5 26.2 39.2



#88

Hexachlorobutadiene

Concen: 0.836 ug/l

RT: 13.994 min Scan# 3951

Delta R.T. -0.000 min

Lab File: VU063656.D

Acq: 31 Oct 2025 10:04

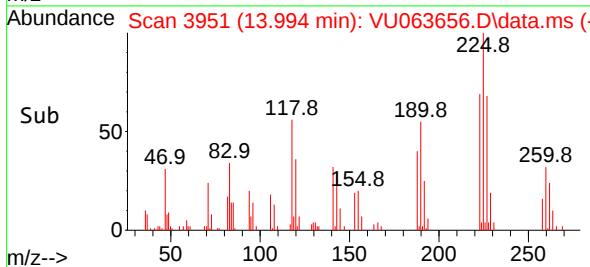
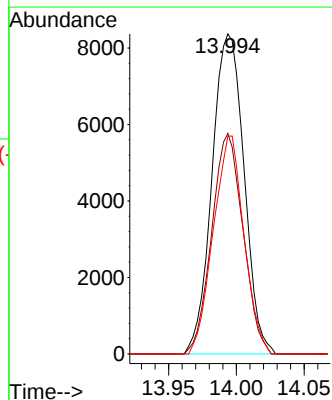
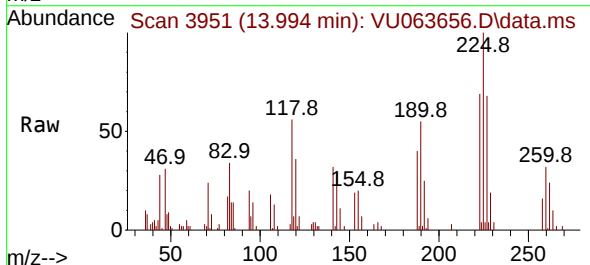
Tgt Ion:225 Resp: 13731

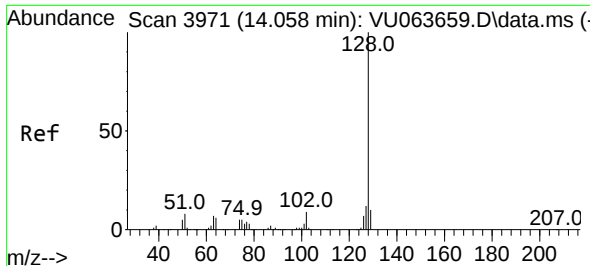
Ion Ratio Lower Upper

225 100

223 67.2 50.2 75.4

227 65.2 50.0 75.0

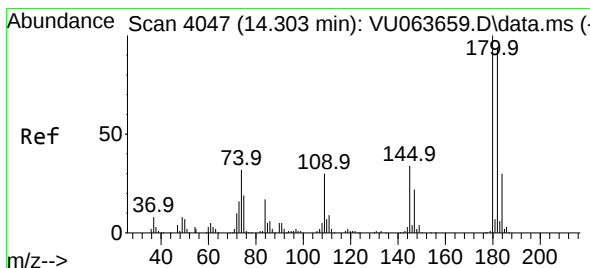
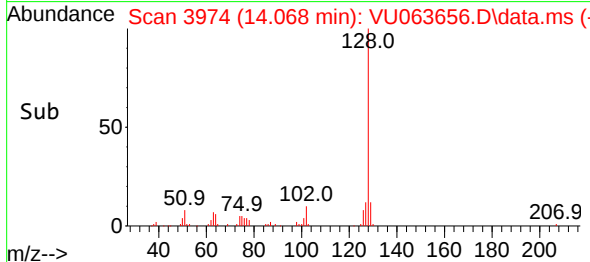
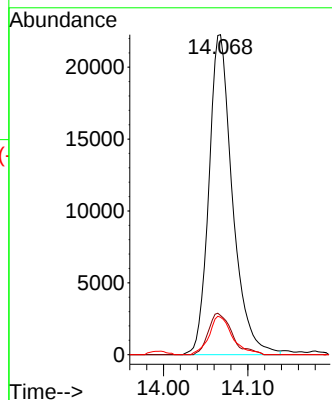
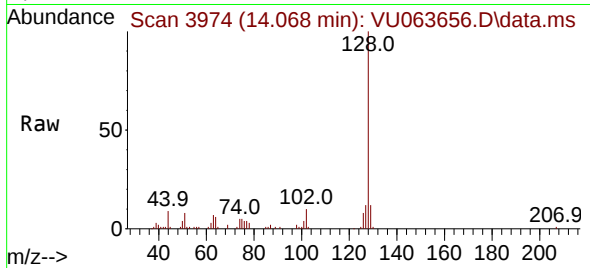




#89
Naphthalene
Concen: 0.899 ug/l
RT: 14.068 min Scan# 3971
Delta R.T. 0.009 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion:128	Resp:	43406
Ion Ratio	Lower	Upper
128	100	
127	13.0	10.2 15.2
129	11.9	8.6 12.8



#90
1,2,3-Trichlorobenzene
Concen: 0.812 ug/l
RT: 14.306 min Scan# 4048
Delta R.T. 0.003 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

Tgt Ion:180	Resp:	20495
Ion Ratio	Lower	Upper
180	100	
182	97.9	75.4 113.0
145	35.5	27.4 41.2

