

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072125\
 Data File : VU063553.D
 Acq On : 21 Jul 2025 19:14
 Operator : MD/SY
 Sample : VSTDCCC010
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Quant Time: Jul 22 04:09:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U071625DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jul 17 03:49:40 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.094	96	17814	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	7371	1.093	ug/l	0.00
Spiked Amount	1.000		Recovery	= 109.000%		
68) 1,2-Dichlorobenzene-d4	12.183	152	7067	1.133	ug/l	0.00
Spiked Amount	1.000		Recovery	= 113.000%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	52135	9.926	ug/l	98
3) Chloromethane	1.518	50	51940	10.638	ug/l	99
4) Vinyl Chloride	1.595	62	67466	10.849	ug/l	100
5) Bromomethane	1.843	94	47044	10.032	ug/l	98
6) Chloroethane	1.920	64	43769	11.657	ug/l	99
7) Trichlorofluoromethane	2.126	101	104180	11.668	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.566	101	55501	11.895	ug/l	99
9) 1,1-Dichloroethene	2.566	96	52280	11.304	ug/l	99
10) Iodomethane	2.708	142	70060	10.120	ug/l	99
11) Allyl Chloride	2.907	41	71779	10.743	ug/l	100
12) Acrylonitrile	3.303	53	27877	24.099	ug/l	98
13) Acetone	2.618	43	48461	52.290	ug/l	100
14) Carbon Disulfide	2.775	76	132710	8.884	ug/l	99
15) Methylene Chloride	3.026	84	64303	11.809	ug/l	100
16) trans-1,2-Dichloroethene	3.332	96	58388	11.116	ug/l	99
17) 1,1-Dichloroethane	3.846	63	116083	11.924	ug/l	99
18) 2-Butanone	4.711	43	85019	59.238	ug/l	100
19) Cyclohexane	5.357	56	94285	11.438	ug/l	99
20) Methylcyclohexane	6.740	83	77004	9.611	ug/l	98
21) 2,2-Dichloropropane	4.640	77	75891	9.154	ug/l	99
22) cis-1,2-Dichloroethene	4.647	96	67015	11.758	ug/l	99
23) Diethyl Ether	2.367	59	42528	12.067	ug/l	98
24) tert-Butyl Alcohol	3.190	59	52384	123.135	ug/l	100
25) Methyl tert-Butyl Ether	3.357	73	142909	11.836	ug/l	99
26) Bromochloromethane	4.952	128	28839	12.118	ug/l	97
27) Chloroform	5.068	83	119816	12.061	ug/l	100
28) 1,1,1-Trichloroethane	5.293	97	97254	11.535	ug/l	98
29) 1,1-Dichloropropene	5.502	75	92158	11.799	ug/l	98
30) Carbon Tetrachloride	5.499	117	78036	11.499	ug/l	98
31) Isopropyl Ether	3.991	45	175257	11.926	ug/l	99
32) Ethyl-t-butyl ether	4.502	59	158193	11.632	ug/l	99
33) Tert-Amyl methyl ether	5.939	73	140833	11.932	ug/l	99
34) Propionitrile	4.775	54	25296	57.848	ug/l	98
35) Benzene	5.753	78	257299	12.261	ug/l	99
36) 1,2-Dichloroethane	5.779	62	81720	12.532	ug/l	99
37) Trichloroethene	6.524	130	49145	9.178	ug/l	93
38) 1,2-Dichloropropane	6.778	63	52770	10.744	ug/l	98
39) Methacrylonitrile	4.971	41	22087	11.363	ug/l	96
40) Methyl acrylate	4.846	55	34748	12.230	ug/l	99
41) Tetrahydrofuran	5.058	42	22390	21.897	ug/l	99
42) 1-Chlorobutane	5.434	56	125268	12.063	ug/l	98
43) Dibromomethane	6.904	93	27313	10.735	ug/l	93
44) Bromodichloromethane	7.094	83	56807	9.900	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072125\
 Data File : VU063553.D
 Acq On : 21 Jul 2025 19:14
 Operator : MD/SY
 Sample : VSTDCCC010
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

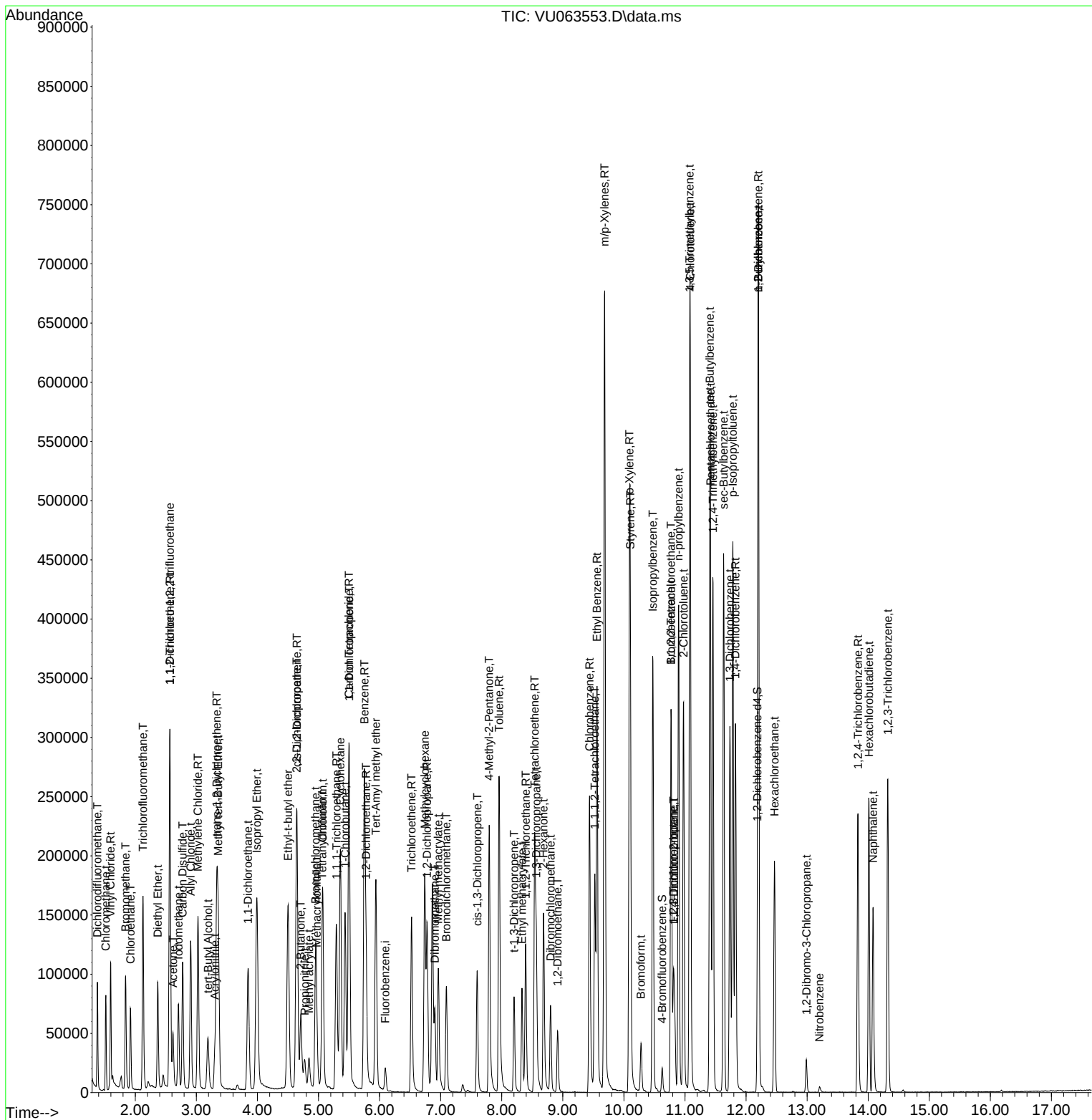
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

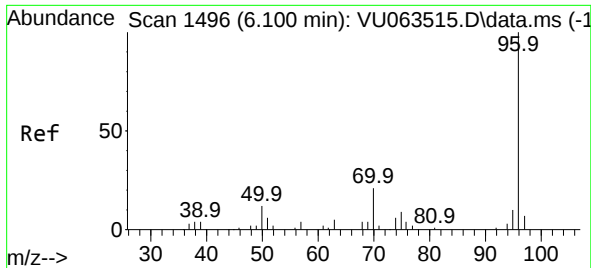
Quant Time: Jul 22 04:09:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U071625DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jul 17 03:49:40 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.795	43	154473	58.906	ug/l	98
46) t-1,4-Dichloro-2-butene	10.814	75	47947	48.707	ug/l #	55
47) Methyl methacrylate	6.962	69	47751	22.346	ug/l	96
48) Ethyl methacrylate	8.331	69	47030	11.533	ug/l	100
49) Toluene	7.955	92	127714	11.146	ug/l	98
50) t-1,3-Dichloropropene	8.203	75	42661	9.476	ug/l	98
51) cis-1,3-Dichloropropene	7.598	75	58878	9.744	ug/l	100
52) 1,1,2-Trichloroethane	8.393	97	39175	11.436	ug/l	99
53) 1,3-Dichloropropane	8.566	76	68687	11.615	ug/l	99
54) 2-Hexanone	8.685	43	102200	58.674	ug/l	100
55) Dibromochloromethane	8.801	129	36876	10.187	ug/l	97
56) 1,2-Dibromoethane	8.913	107	34238	11.168	ug/l	99
58) Tetrachloroethene	8.540	164	46719	9.534	ug/l	99
59) Chlorobenzene	9.438	112	144296	10.964	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.524	131	44029	10.404	ug/l	98
61) Pentachloroethane	11.418	117	36777	12.298	ug/l	92
62) Hexachloroethane	12.466	117	30948	10.451	ug/l	92
63) Ethyl Benzene	9.560	91	250535	11.063	ug/l	99
64) m/p-Xylenes	9.685	106	196599	22.334	ug/l	96
65) o-Xylene	10.090	106	98107	11.599	ug/l	99
66) Styrene	10.106	104	158528	11.760	ug/l	98
67) Bromoform	10.280	173	17546	9.437	ug/l	99
69) Isopropylbenzene	10.473	105	239583	11.716	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.772	83	50904	12.212	ug/l	99
71) 1,2,3-Trichloropropane	10.814	75	47947	14.163	ug/l #	90
72) Bromobenzene	10.772	156	59178	11.214	ug/l	96
73) n-propylbenzene	10.897	120	71969	11.692	ug/l	94
74) 2-Chlorotoluene	10.978	126	62587	11.504	ug/l	100
75) 1,3,5-Trimethylbenzene	11.077	105	232624	11.908	ug/l	99
76) 4-Chlorotoluene	11.087	126	66456	12.029	ug/l	99
77) tert-Butylbenzene	11.409	119	220480	11.810	ug/l	98
78) 1,2,4-Trimethylbenzene	11.457	105	235693	12.161	ug/l	99
79) sec-Butylbenzene	11.634	105	306974	12.193	ug/l	98
80) Nitrobenzene	13.203	77	3154	36.777	ug/l #	92
81) p-Isopropyltoluene	11.785	119	250793	11.934	ug/l	99
82) 1,3-Dichlorobenzene	11.736	146	121938	11.548	ug/l	99
83) 1,4-Dichlorobenzene	11.826	146	122418	11.582	ug/l	98
84) n-Butylbenzene	12.199	91	251485	12.903	ug/l	99
85) 1,2-Dichlorobenzene	12.203	146	116506	11.745	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.987	75	6805	9.721	ug/l	95
87) 1,2,4-Trichlorobenzene	13.833	180	68729	11.141	ug/l	100
88) Hexachlorobutadiene	14.013	225	38263	10.922	ug/l	99
89) Naphthalene	14.080	128	129971	11.758	ug/l	99
90) 1,2,3-Trichlorobenzene	14.322	180	77336	13.566	ug/l	98

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

Quant Time: Jul 22 04:09:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U071625DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Jul 17 03:49:40 2025
Response via : Initial Calibration

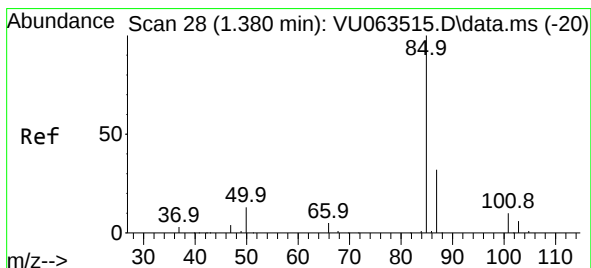
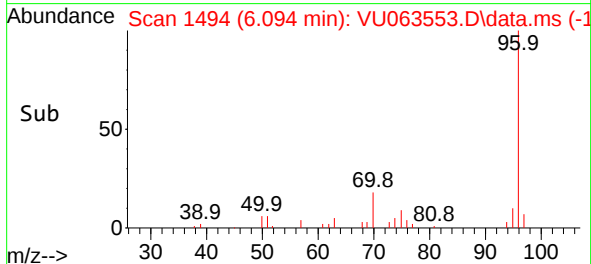
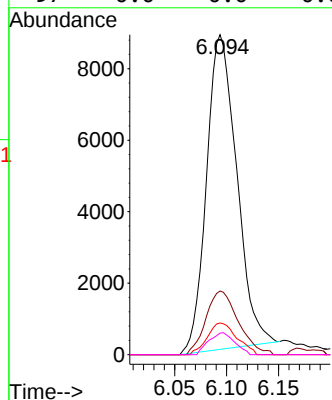
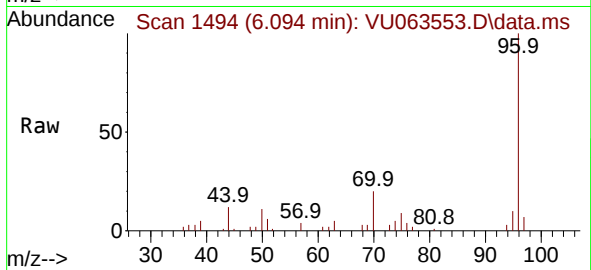




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.094 min Scan# 14
Delta R.T. -0.006 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

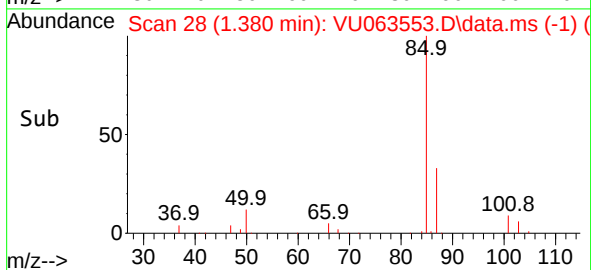
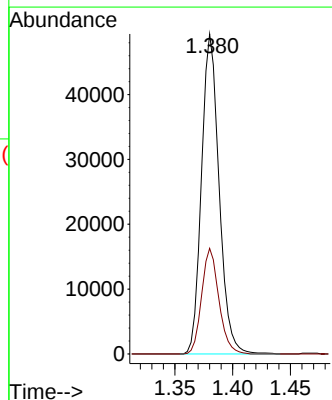
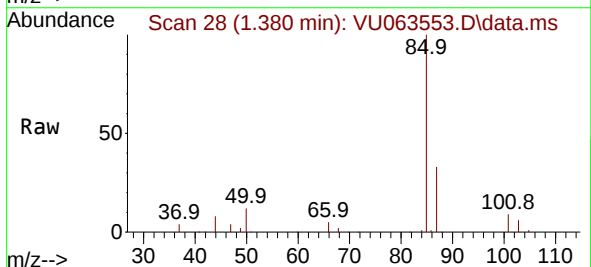
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

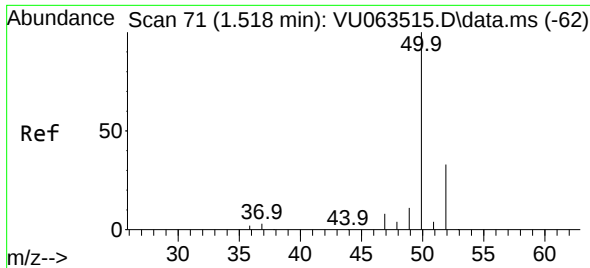
Tgt Ion:	96	Resp:	17814
Ion	Ratio	Lower	Upper
96	100		
70	21.7	15.0	22.4
95	9.8	7.4	11.0
97	0.0	0.0	0.0



#2
Dichlorodifluoromethane
Concen: 9.926 ug/l
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

Tgt Ion:	85	Resp:	52135
Ion	Ratio	Lower	Upper
85	100		
87	33.0	16.0	47.9

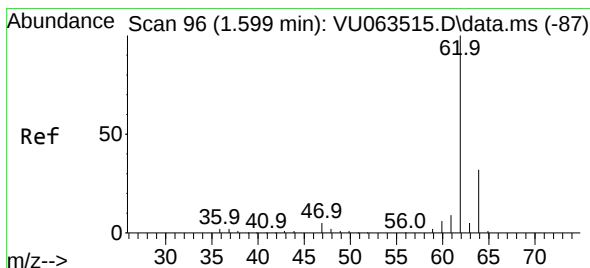
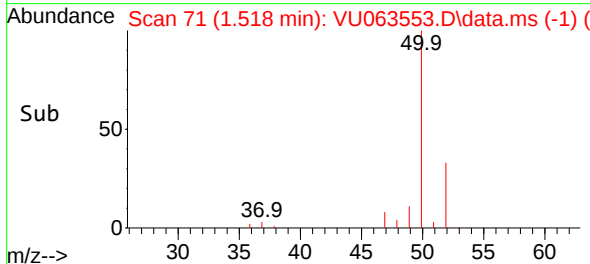
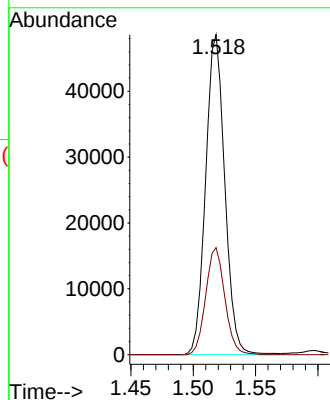
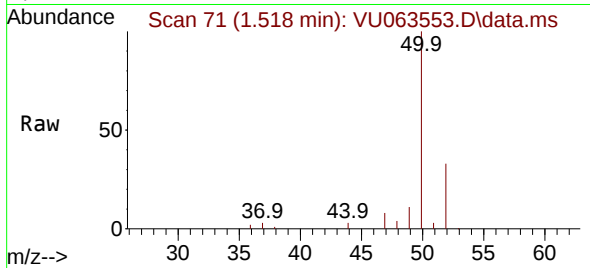




#3
Chloromethane
Concen: 10.638 ug/l
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

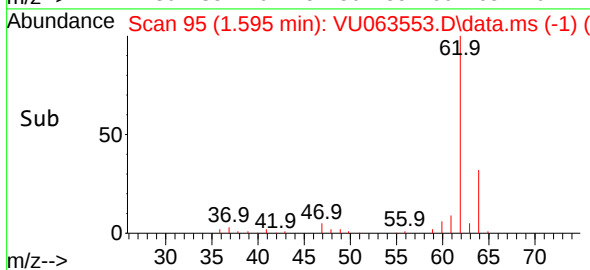
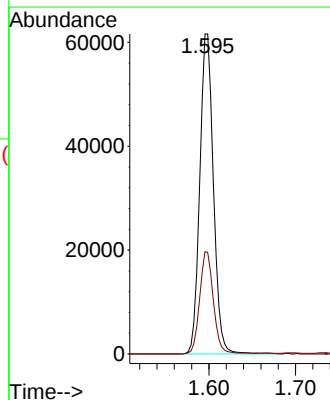
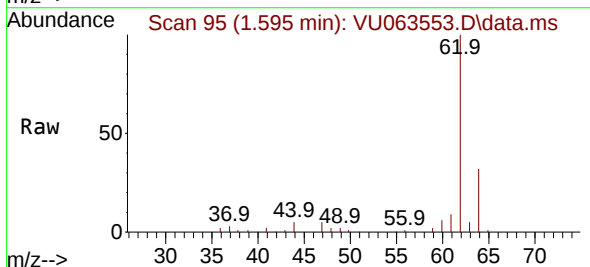
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

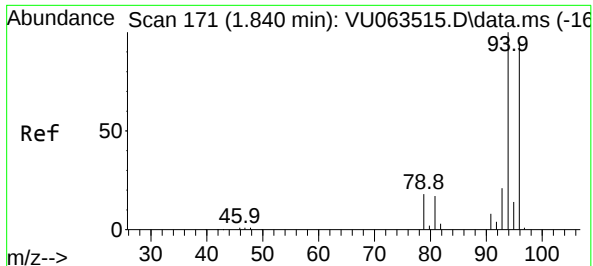
Tgt Ion: 50 Resp: 51940
Ion Ratio Lower Upper
50 100
52 33.4 26.3 39.5



#4
Vinyl Chloride
Concen: 10.849 ug/l
RT: 1.595 min Scan# 95
Delta R.T. -0.003 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

Tgt Ion: 62 Resp: 67466
Ion Ratio Lower Upper
62 100
64 31.9 25.7 38.5

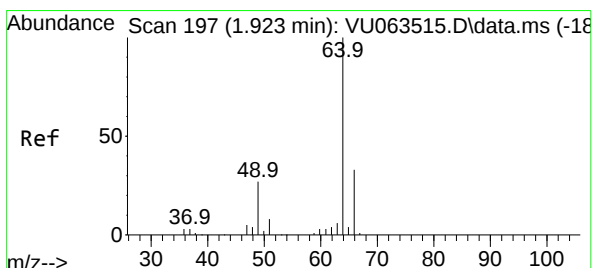
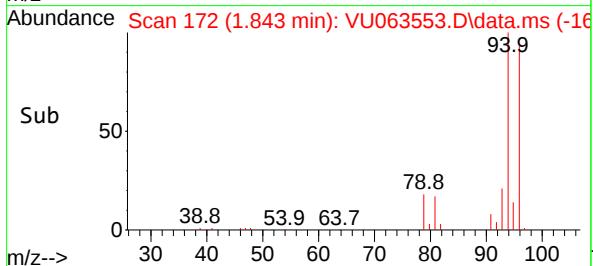
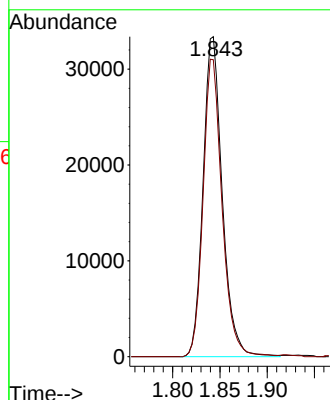
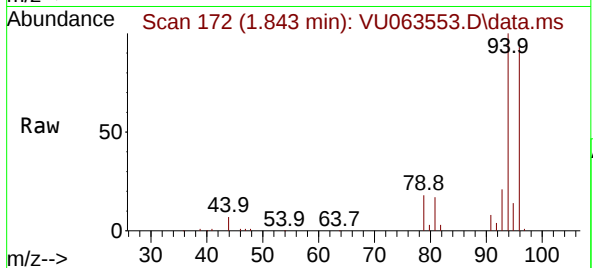




#5
Bromomethane
Concen: 10.032 ug/l
RT: 1.843 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

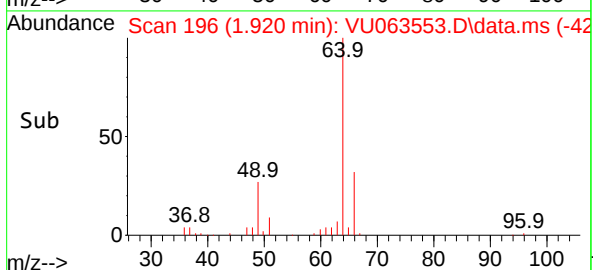
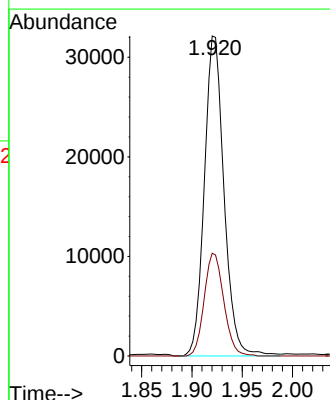
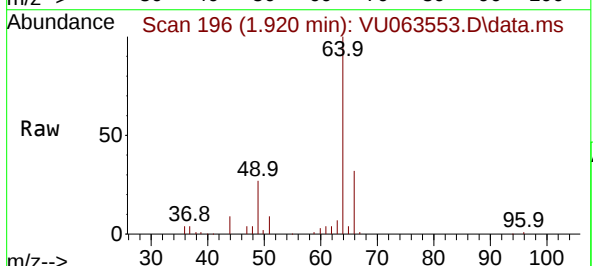
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

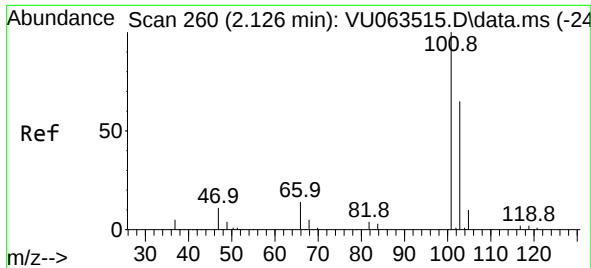
Tgt Ion: 94 Resp: 47044
Ion Ratio Lower Upper
94 100
96 92.8 75.8 113.6



#6
Chloroethane
Concen: 11.657 ug/l
RT: 1.920 min Scan# 196
Delta R.T. -0.003 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

Tgt Ion: 64 Resp: 43769
Ion Ratio Lower Upper
64 100
66 32.1 26.2 39.4

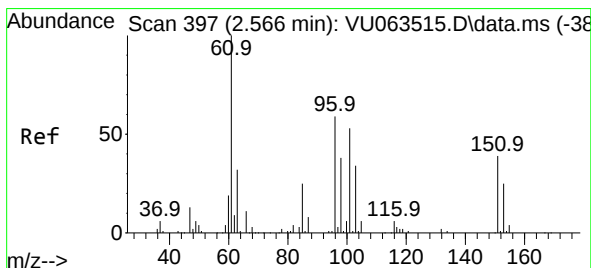
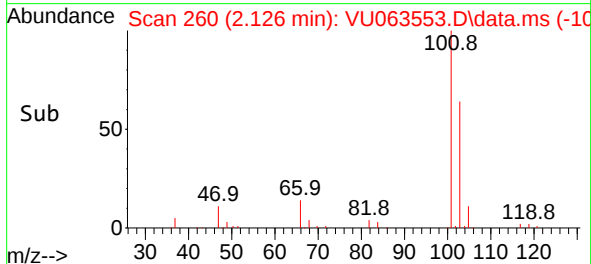
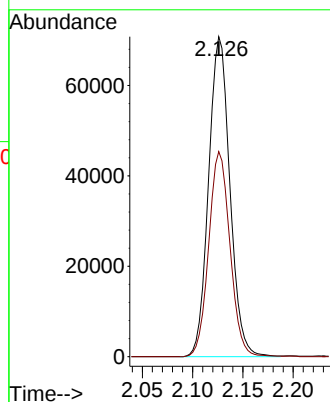
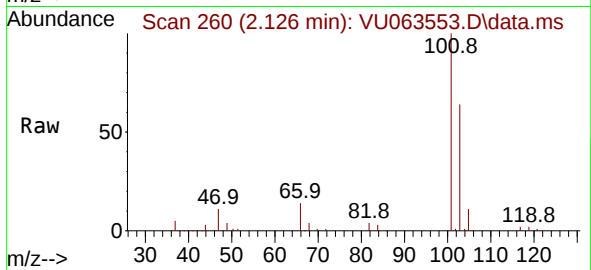




#7
 Trichlorofluoromethane
 Concen: 11.668 ug/l
 RT: 2.126 min Scan# 260
 Delta R.T. -0.000 min
 Lab File: VU063553.D
 Acq: 21 Jul 2025 19:14

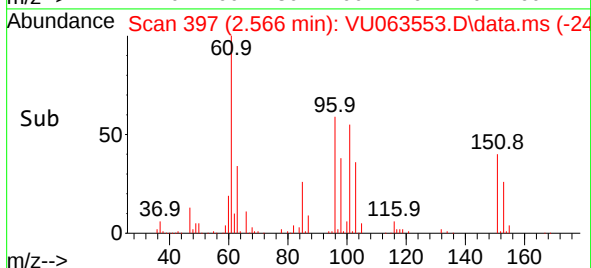
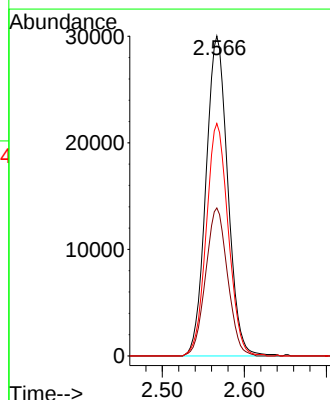
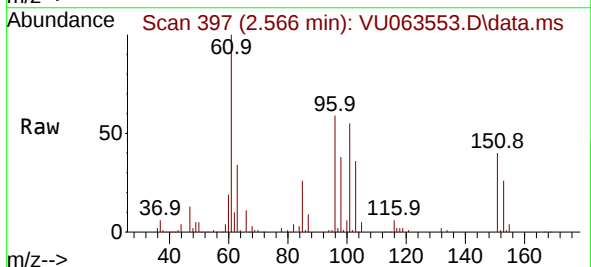
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

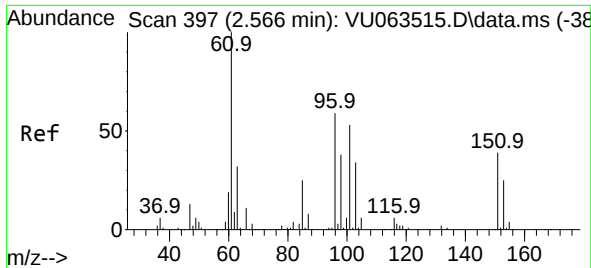
Tgt Ion:101 Resp: 104180
 Ion Ratio Lower Upper
 101 100
 103 64.1 52.2 78.4



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 11.895 ug/l
 RT: 2.566 min Scan# 397
 Delta R.T. -0.000 min
 Lab File: VU063553.D
 Acq: 21 Jul 2025 19:14

Tgt Ion:101 Resp: 55501
 Ion Ratio Lower Upper
 101 100
 85 46.5 37.8 56.6
 151 73.2 59.2 88.8

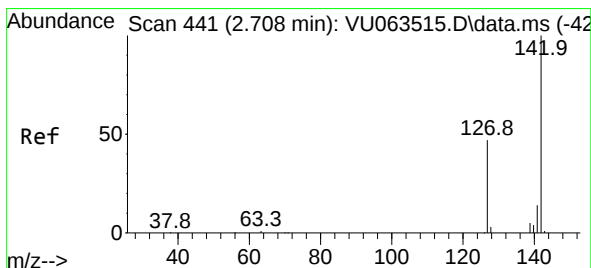
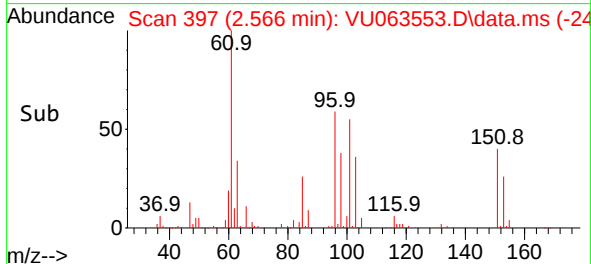
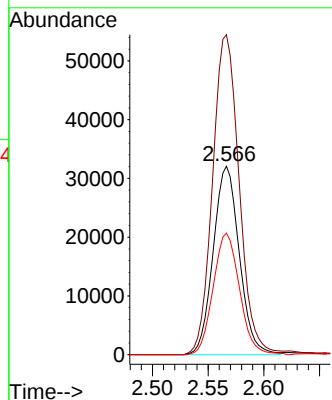
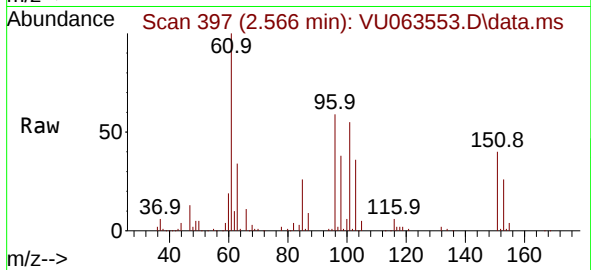




#9
1,1-Dichloroethene
Concen: 11.304 ug/l
RT: 2.566 min Scan# 397
Delta R.T. -0.000 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

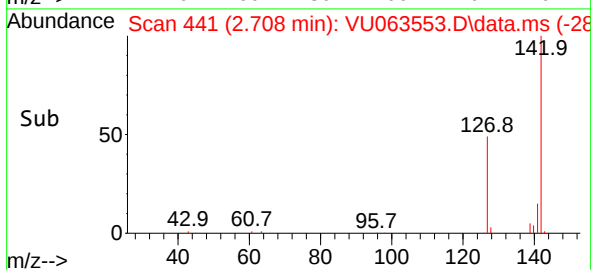
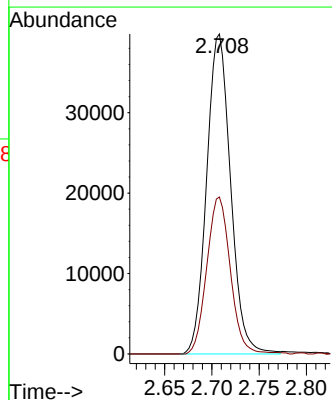
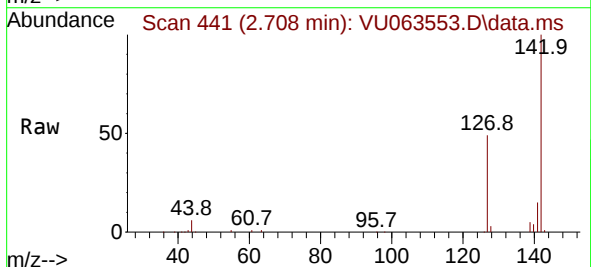
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

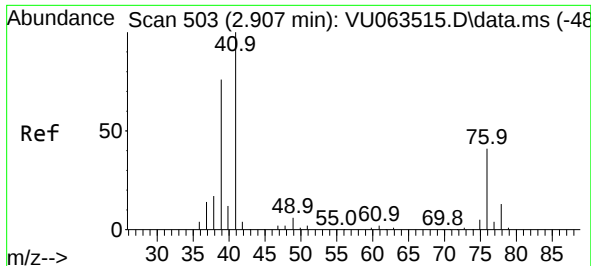
Tgt Ion: 96 Resp: 52280
Ion Ratio Lower Upper
96 100
61 169.7 0.0 504.3
98 64.5 0.0 126.8



#10
Iodomethane
Concen: 10.120 ug/l
RT: 2.708 min Scan# 441
Delta R.T. -0.000 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

Tgt Ion: 142 Resp: 70060
Ion Ratio Lower Upper
142 100
127 48.4 37.9 56.9

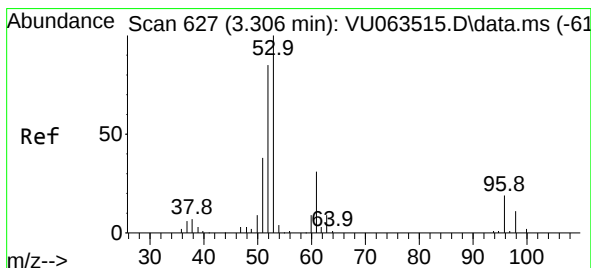
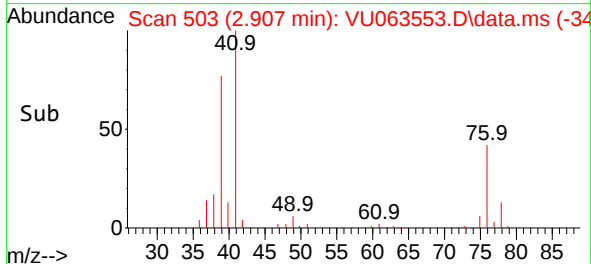
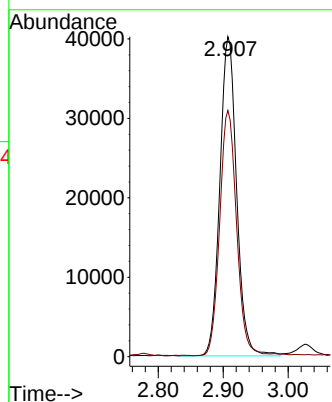
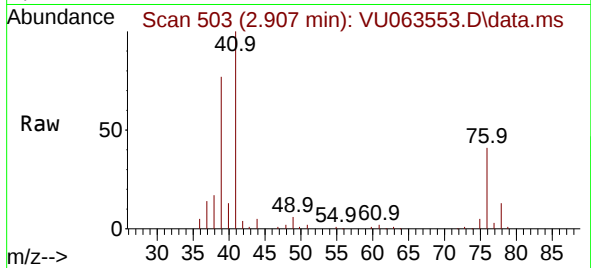




#11
 Allyl Chloride
 Concen: 10.743 ug/l
 RT: 2.907 min Scan# 503
 Delta R.T. -0.000 min
 Lab File: VU063553.D
 Acq: 21 Jul 2025 19:14

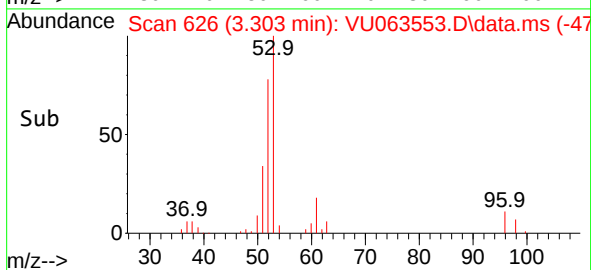
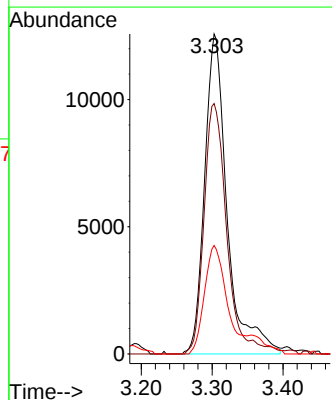
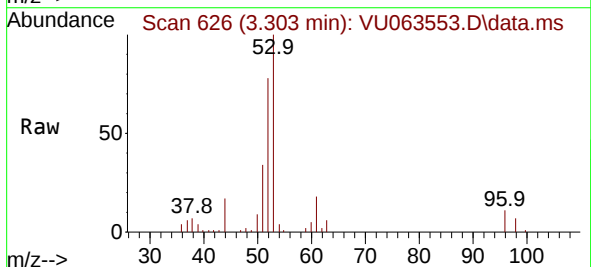
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

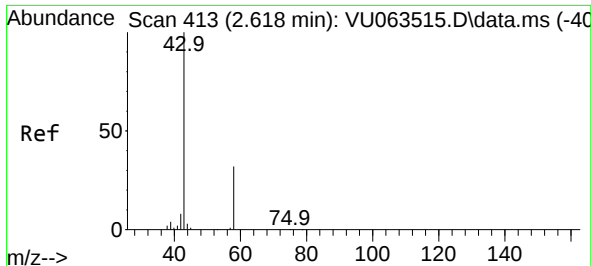
Tgt Ion: 41 Resp: 71779
 Ion Ratio Lower Upper
 41 100
 39 77.3 61.5 92.3



#12
 Acrylonitrile
 Concen: 24.099 ug/l
 RT: 3.303 min Scan# 626
 Delta R.T. -0.003 min
 Lab File: VU063553.D
 Acq: 21 Jul 2025 19:14

Tgt Ion: 53 Resp: 27877
 Ion Ratio Lower Upper
 53 100
 52 79.2 64.3 96.5
 51 33.7 27.8 41.8





#13

Acetone

Concen: 52.290 ug/l

RT: 2.618 min Scan# 413

Delta R.T. -0.000 min

Lab File: VU063553.D

Acq: 21 Jul 2025 19:14

Instrument :

MSVOA_U

ClientSampleId :

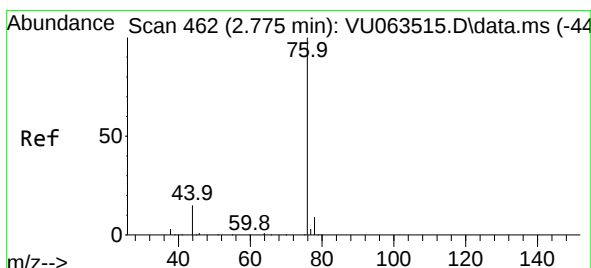
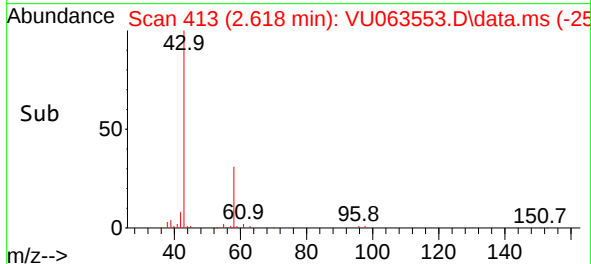
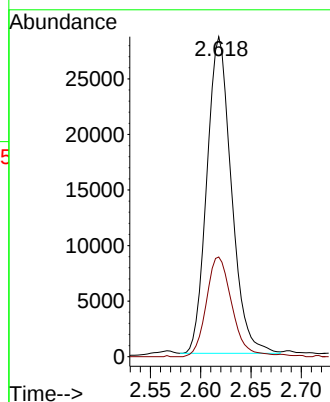
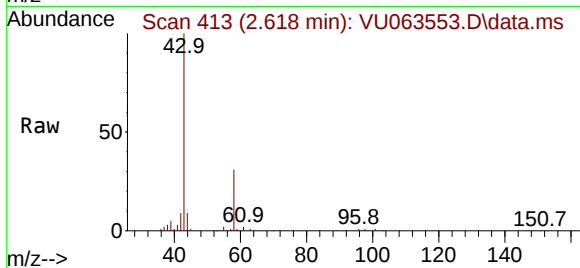
VSTDCCC010EC

Tgt Ion: 43 Resp: 48461

Ion Ratio Lower Upper

43 100

58 31.5 25.4 38.0



#14

Carbon Disulfide

Concen: 8.884 ug/l

RT: 2.775 min Scan# 462

Delta R.T. -0.000 min

Lab File: VU063553.D

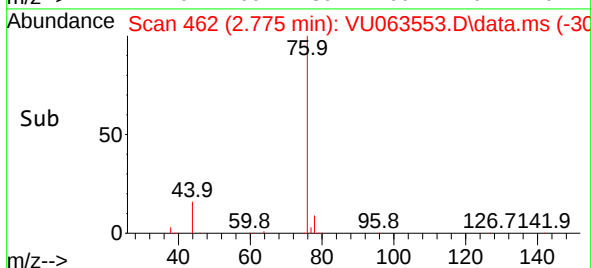
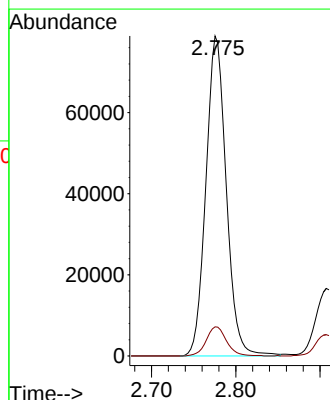
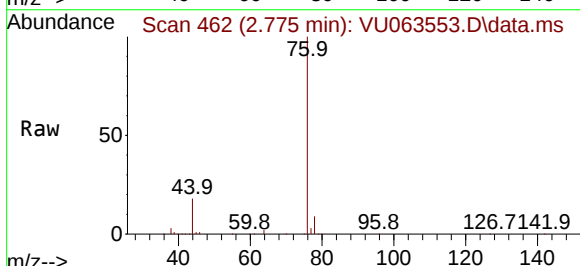
Acq: 21 Jul 2025 19:14

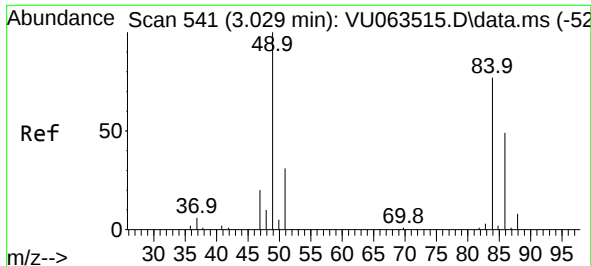
Tgt Ion: 76 Resp: 132710

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.6

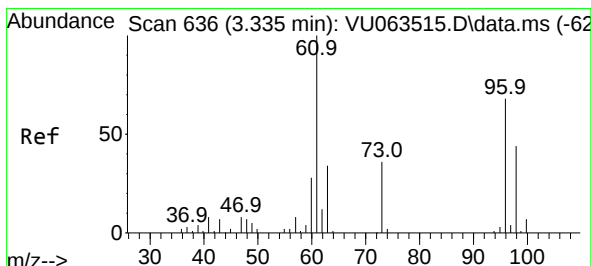
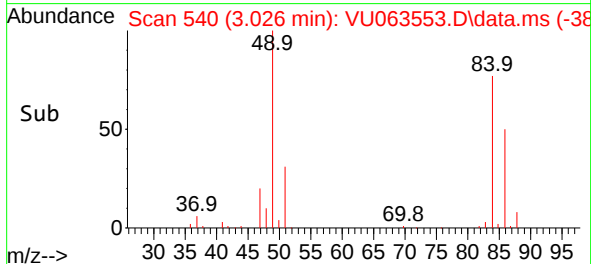
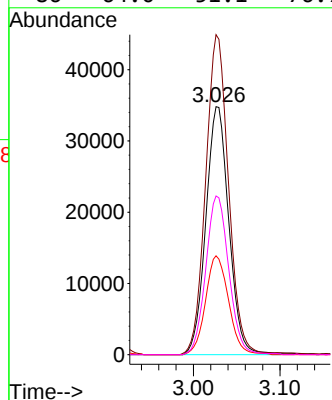
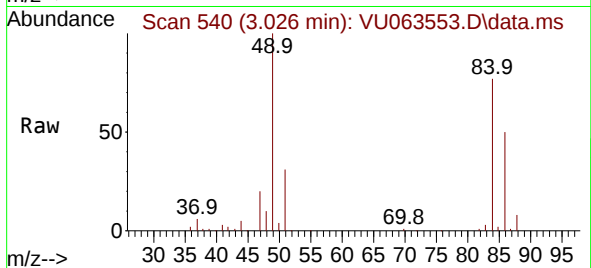




#15
Methylene Chloride
Concen: 11.809 ug/l
RT: 3.026 min Scan# 541
Delta R.T. -0.003 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

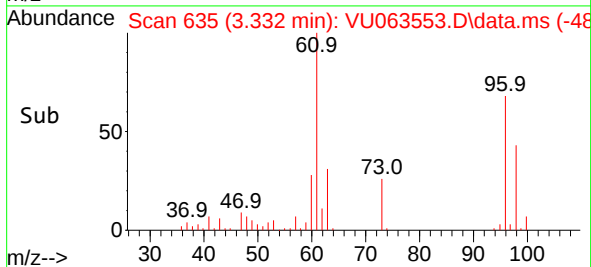
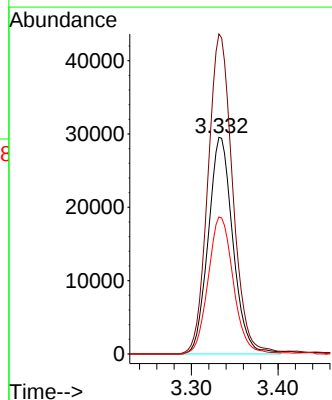
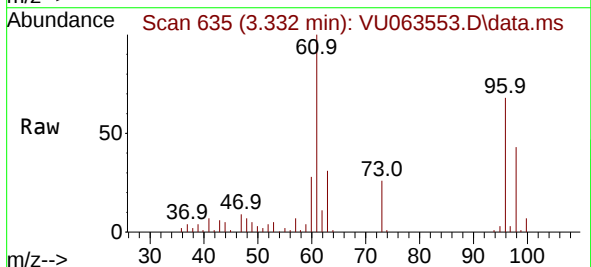
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

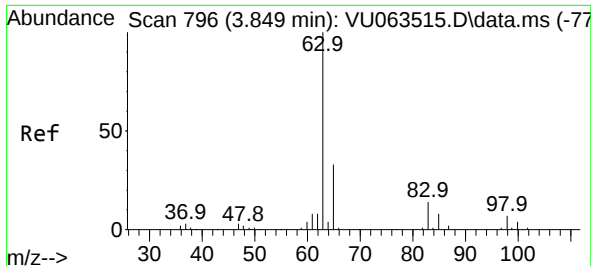
Tgt Ion:	84	Resp:	64303
Ion	Ratio	Lower	Upper
84	100		
49	129.1	103.8	155.8
51	39.9	0.0	80.4
86	64.0	51.1	76.7



#16
trans-1,2-Dichloroethene
Concen: 11.116 ug/l
RT: 3.332 min Scan# 635
Delta R.T. -0.003 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

Tgt Ion:	96	Resp:	58388
Ion	Ratio	Lower	Upper
96	100		
61	147.7	117.2	175.8
98	63.2	51.4	77.2





#17

1,1-Dichloroethane

Concen: 11.924 ug/l

RT: 3.846 min Scan# 796

Delta R.T. -0.003 min

Lab File: VU063553.D

Acq: 21 Jul 2025 19:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

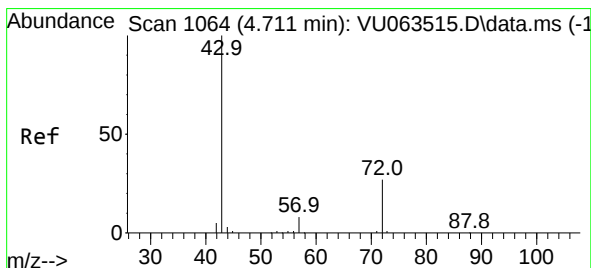
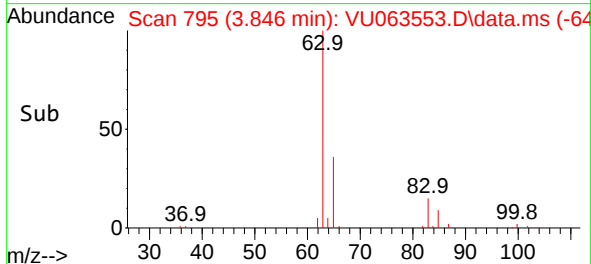
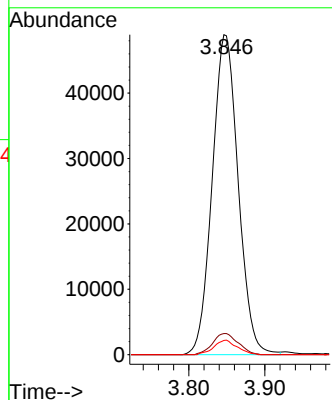
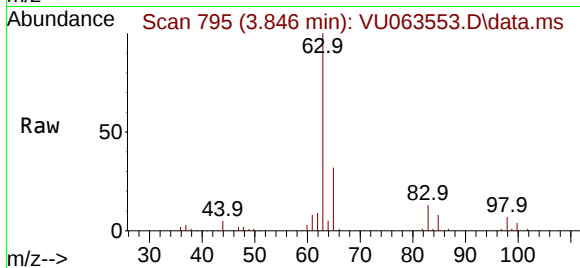
Tgt Ion: 63 Resp: 116083

Ion Ratio Lower Upper

63 100

98 6.6 3.4 10.2

100 4.5 2.1 6.2



#18

2-Butanone

Concen: 59.238 ug/l

RT: 4.711 min Scan# 1064

Delta R.T. -0.000 min

Lab File: VU063553.D

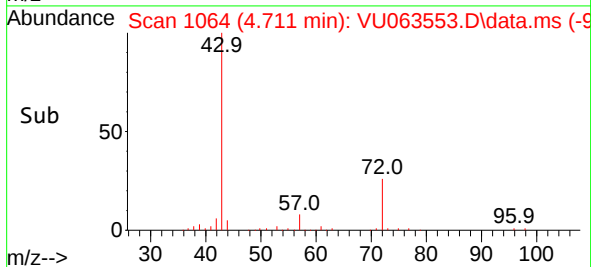
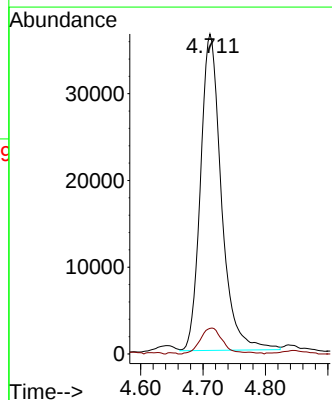
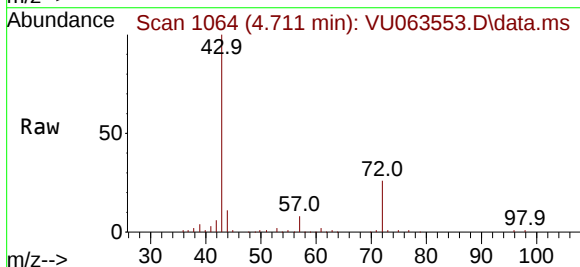
Acq: 21 Jul 2025 19:14

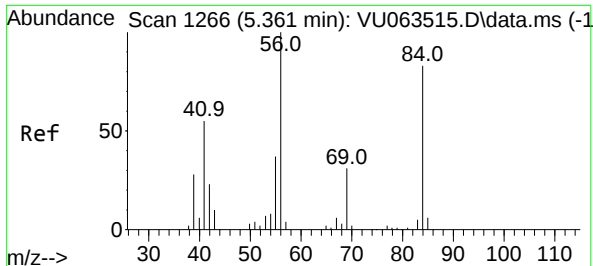
Tgt Ion: 43 Resp: 85019

Ion Ratio Lower Upper

43 100

57 8.1 0.0 16.4





#19

Cyclohexane

Concen: 11.438 ug/l

RT: 5.357 min Scan# 1265

Delta R.T. -0.003 min

Lab File: VU063553.D

Acq: 21 Jul 2025 19:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

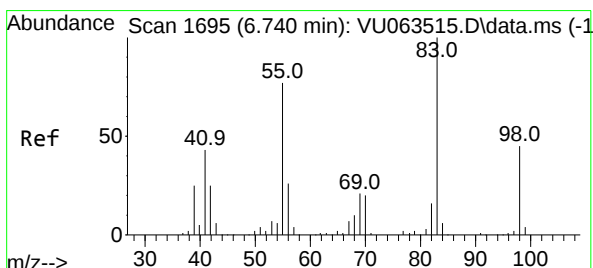
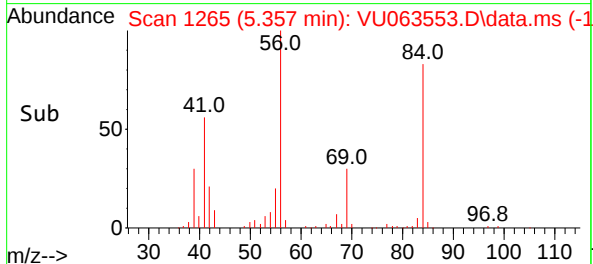
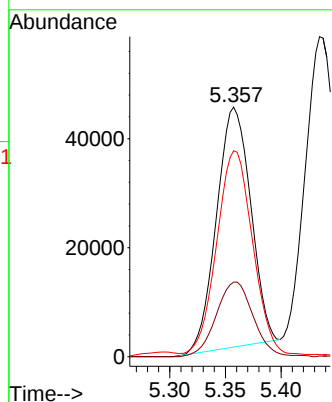
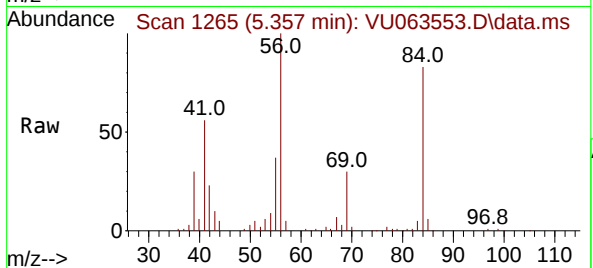
Tgt Ion: 56 Resp: 94285

Ion Ratio Lower Upper

56 100

69 32.7 26.6 39.8

84 88.3 71.0 106.4



#20

Methylcyclohexane

Concen: 9.611 ug/l

RT: 6.740 min Scan# 1695

Delta R.T. -0.000 min

Lab File: VU063553.D

Acq: 21 Jul 2025 19:14

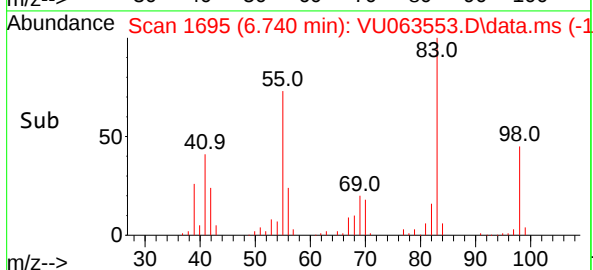
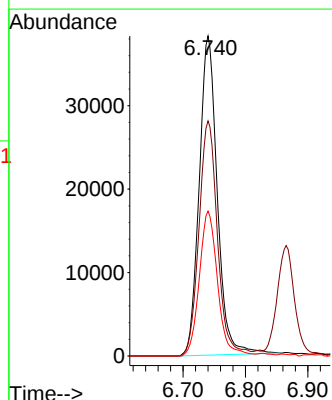
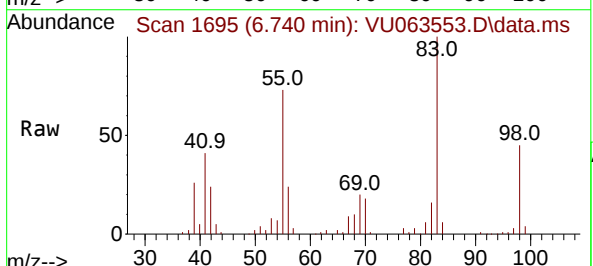
Tgt Ion: 83 Resp: 77004

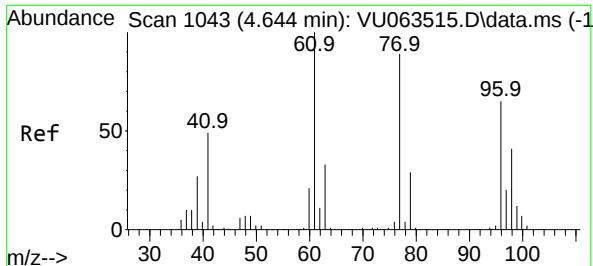
Ion Ratio Lower Upper

83 100

55 73.2 60.6 90.8

98 44.9 35.8 53.8





#21

2,2-Dichloropropane

Concen: 9.154 ug/l

RT: 4.640 min Scan# 1042

Delta R.T. -0.003 min

Lab File: VU063553.D

Acq: 21 Jul 2025 19:14

Instrument :

MSVOA_U

ClientSampleId :

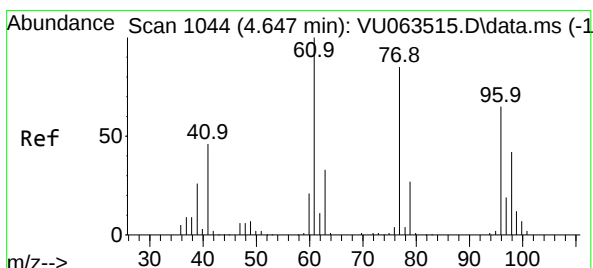
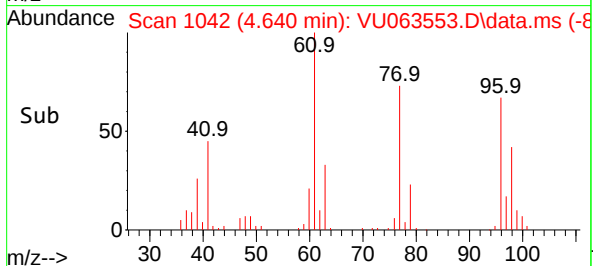
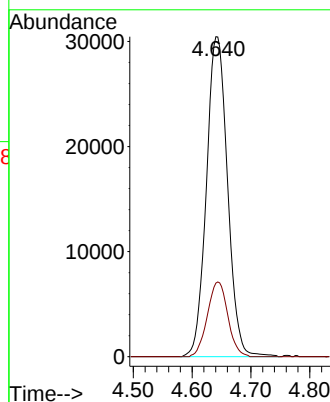
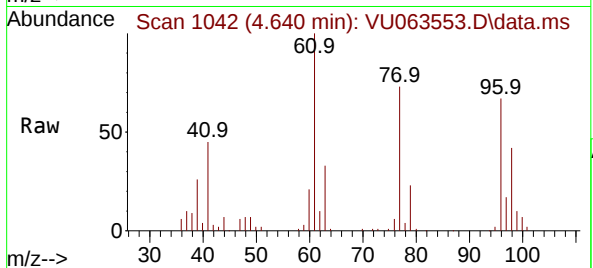
VSTDCCC010EC

Tgt Ion: 77 Resp: 75891

Ion Ratio Lower Upper

77 100

97 22.7 17.8 26.8



#22

cis-1,2-Dichloroethene

Concen: 11.758 ug/l

RT: 4.647 min Scan# 1044

Delta R.T. -0.000 min

Lab File: VU063553.D

Acq: 21 Jul 2025 19:14

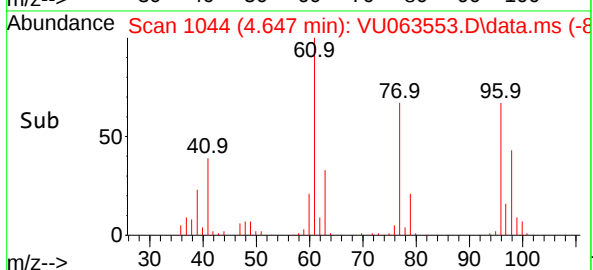
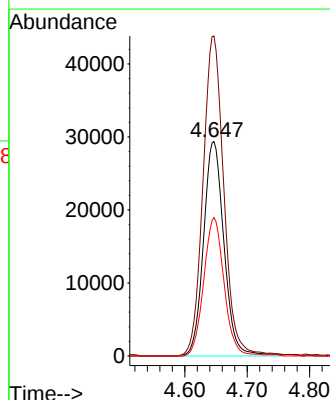
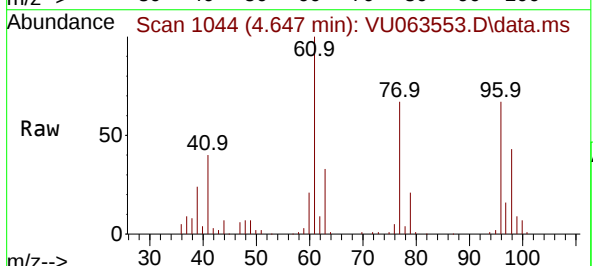
Tgt Ion: 96 Resp: 67015

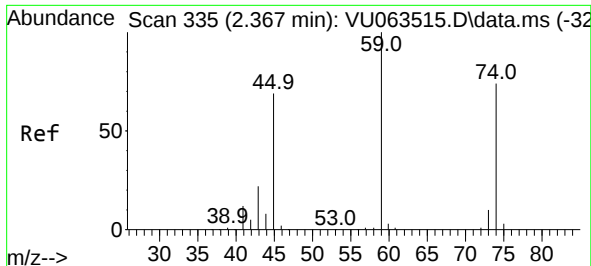
Ion Ratio Lower Upper

96 100

61 152.1 0.0 384.7

98 64.0 32.1 96.3





#23

Diethyl Ether

Concen: 12.067 ug/l

RT: 2.367 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU063553.D

Acq: 21 Jul 2025 19:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

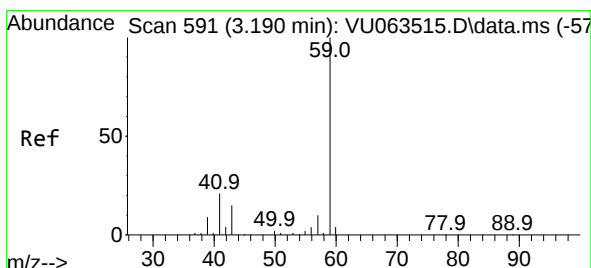
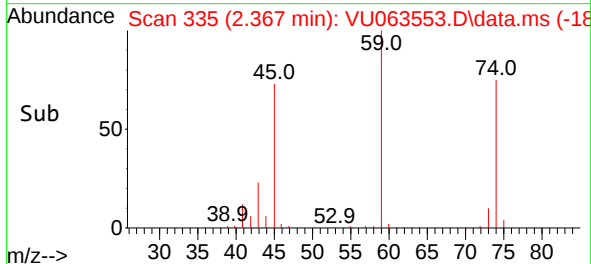
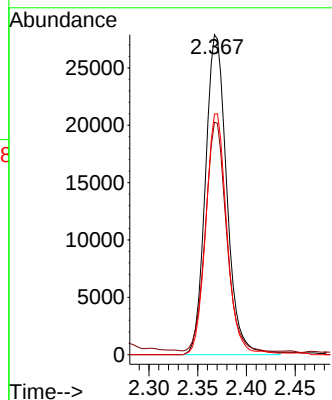
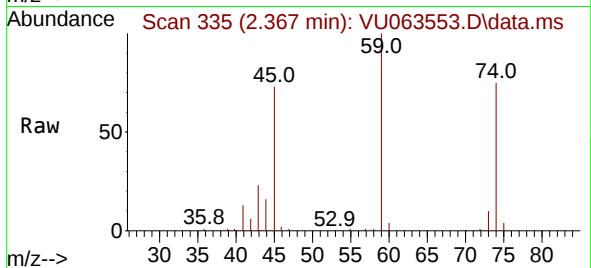
Tgt Ion: 59 Resp: 42528

Ion Ratio Lower Upper

59 100

45 70.2 55.1 82.7

74 74.5 58.2 87.4



#24

tert-Butyl Alcohol

Concen: 123.135 ug/l

RT: 3.190 min Scan# 591

Delta R.T. -0.000 min

Lab File: VU063553.D

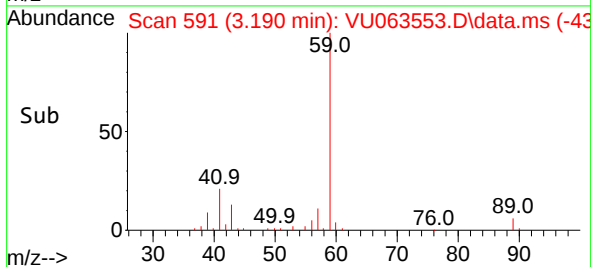
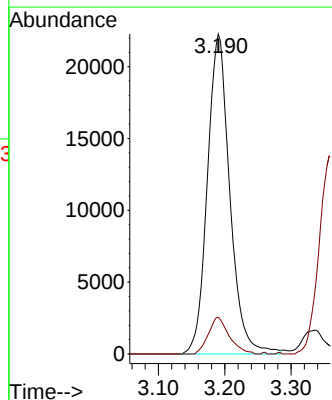
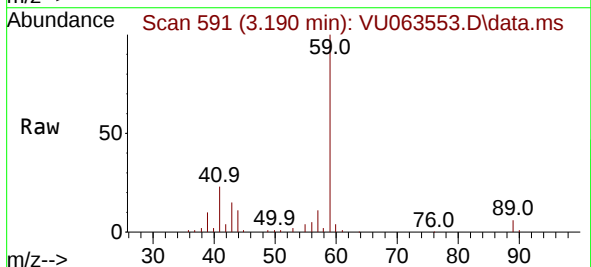
Acq: 21 Jul 2025 19:14

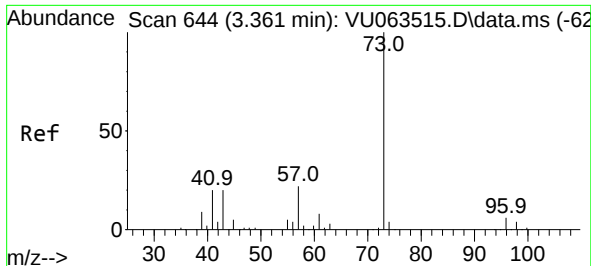
Tgt Ion: 59 Resp: 52384

Ion Ratio Lower Upper

59 100

57 10.6 8.6 12.8

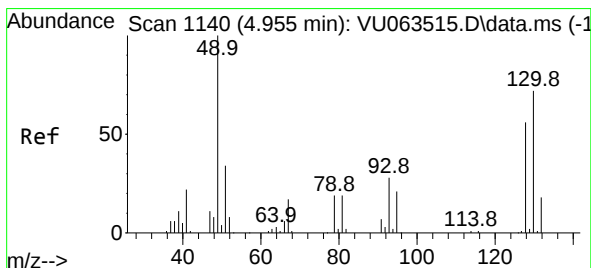
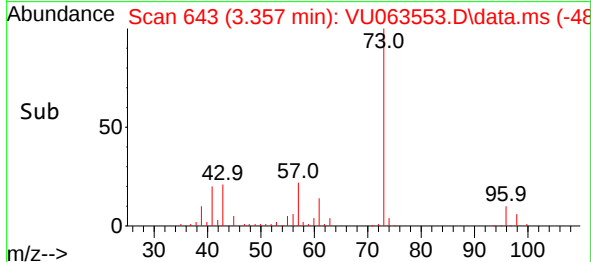
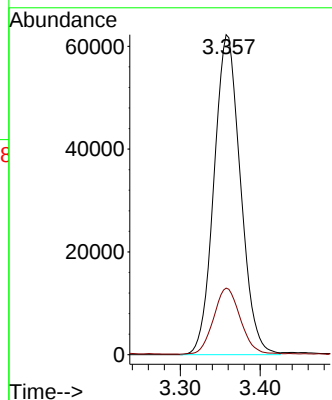
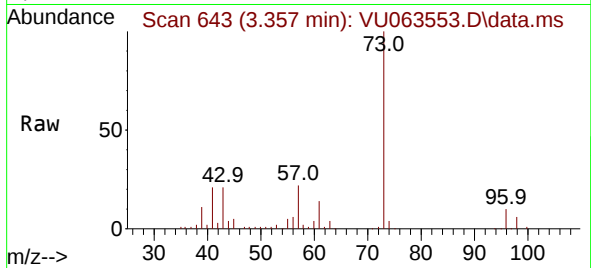




#25
Methyl tert-Butyl Ether
Concen: 11.836 ug/l
RT: 3.357 min Scan# 64
Delta R.T. -0.003 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

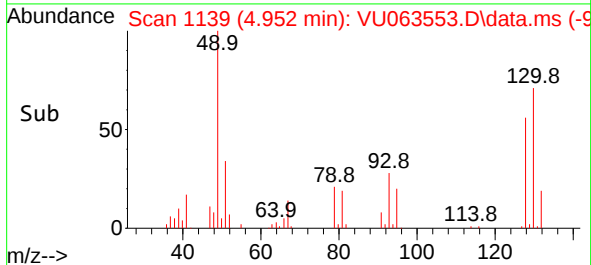
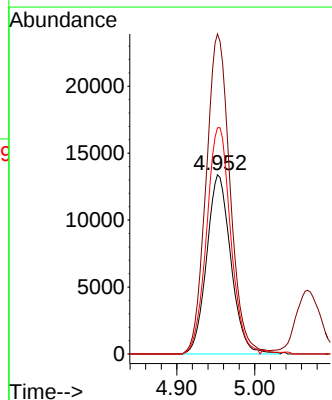
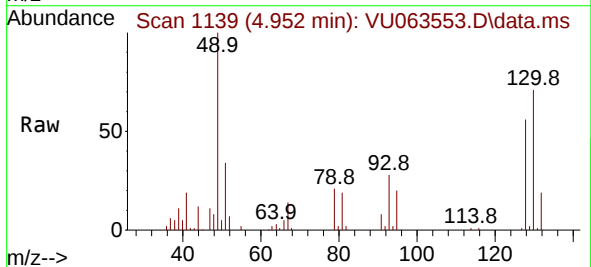
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

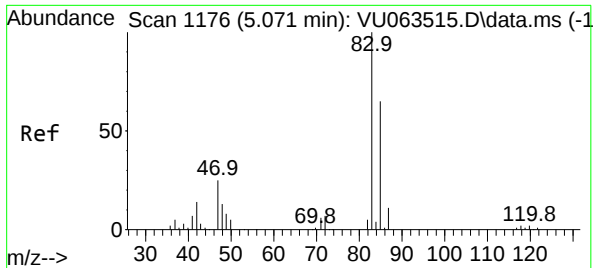
Tgt Ion: 73 Resp: 142909
Ion Ratio Lower Upper
73 100
43 20.9 16.2 24.2



#26
Bromochloromethane
Concen: 12.118 ug/l
RT: 4.952 min Scan# 1139
Delta R.T. -0.003 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

Tgt Ion: 128 Resp: 28839
Ion Ratio Lower Upper
128 100
49 176.7 0.0 340.8
130 125.7 100.5 150.7





#27

Chloroform

Concen: 12.061 ug/l

RT: 5.068 min Scan# 1175

Delta R.T. -0.003 min

Lab File: VU063553.D

Acq: 21 Jul 2025 19:14

Instrument :

MSVOA_U

ClientSampleId :

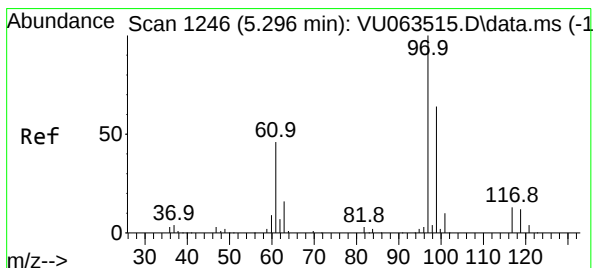
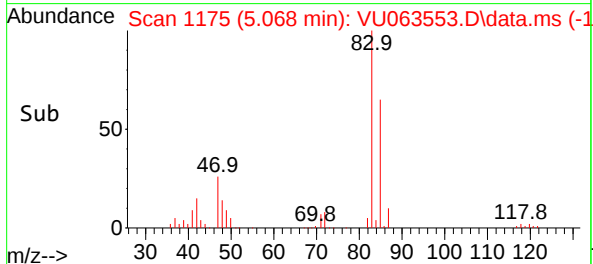
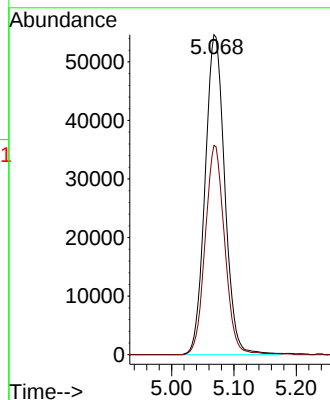
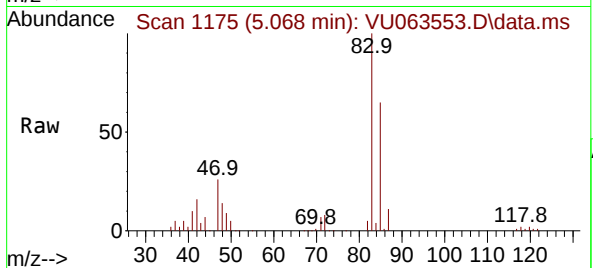
VSTDCCC010EC

Tgt Ion: 83 Resp: 119816

Ion Ratio Lower Upper

83 100

85 65.4 0.0 130.0



#28

1,1,1-Trichloroethane

Concen: 11.535 ug/l

RT: 5.293 min Scan# 1245

Delta R.T. -0.003 min

Lab File: VU063553.D

Acq: 21 Jul 2025 19:14

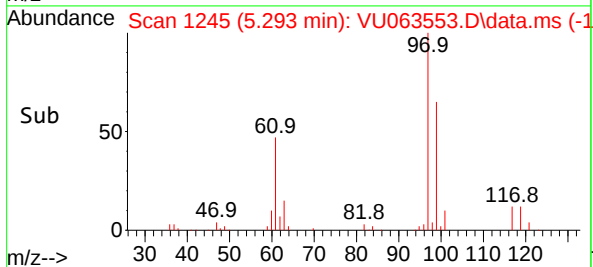
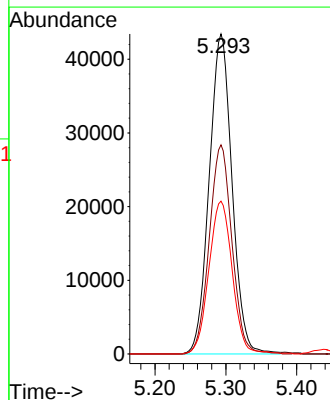
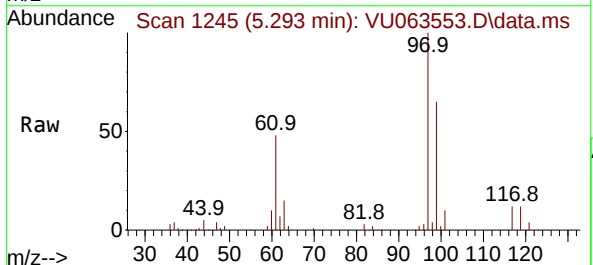
Tgt Ion: 97 Resp: 97254

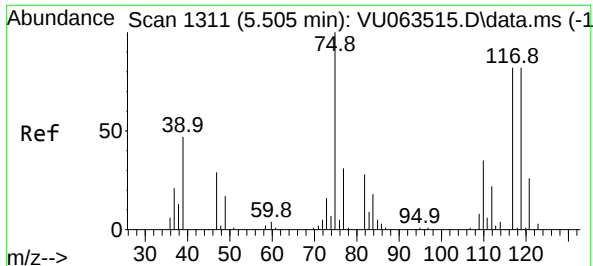
Ion Ratio Lower Upper

97 100

99 64.8 31.8 95.3

61 49.0 23.3 69.9

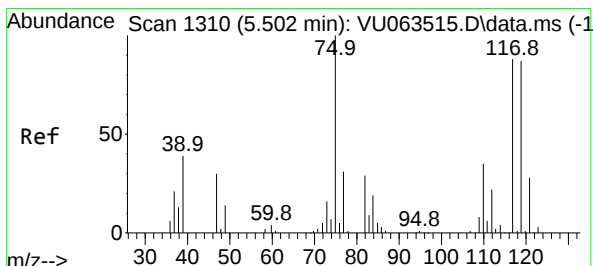
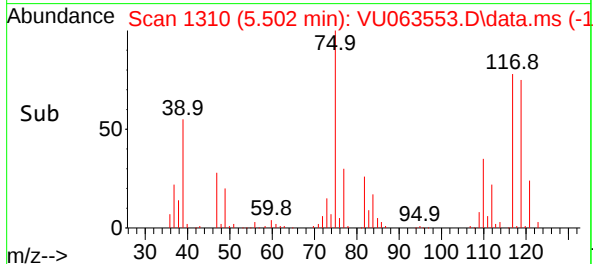
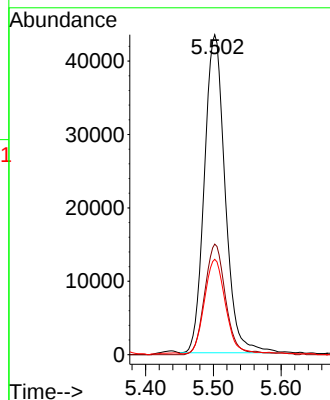
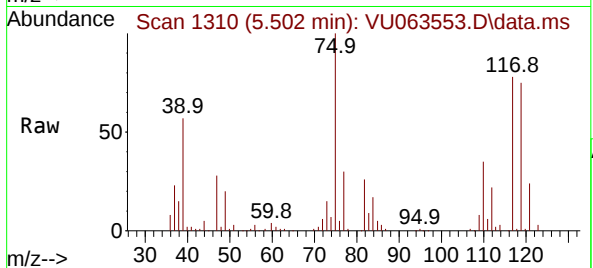




#29
1,1-Dichloropropene
Concen: 11.799 ug/l
RT: 5.502 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

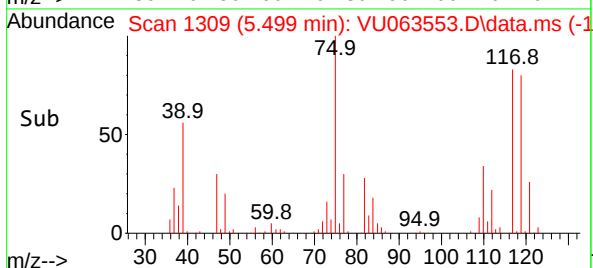
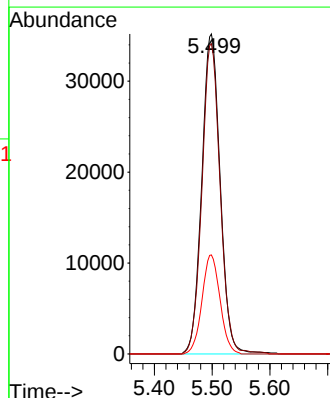
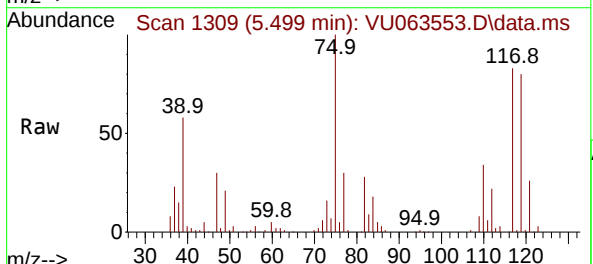
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

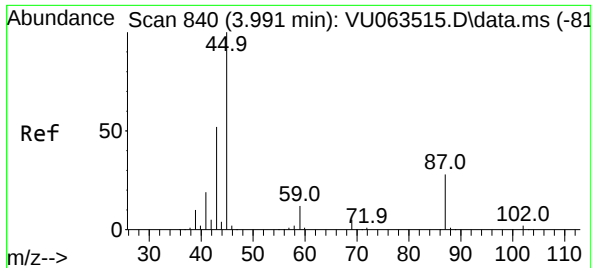
Tgt Ion: 75 Resp: 92158
Ion Ratio Lower Upper
75 100
110 34.6 17.8 53.4
77 30.1 24.6 37.0



#30
Carbon Tetrachloride
Concen: 11.499 ug/l
RT: 5.499 min Scan# 1309
Delta R.T. -0.003 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

Tgt Ion: 117 Resp: 78036
Ion Ratio Lower Upper
117 100
119 97.0 79.2 118.8
121 30.9 25.5 38.3

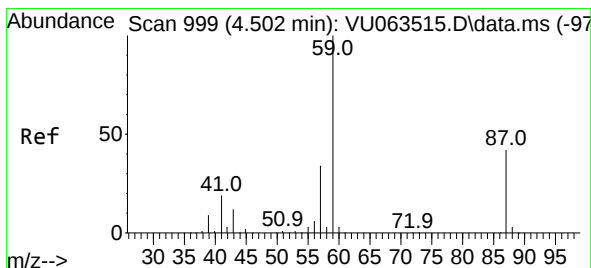
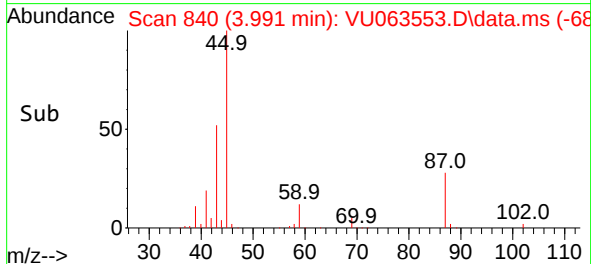
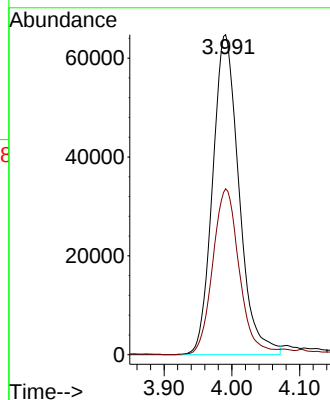
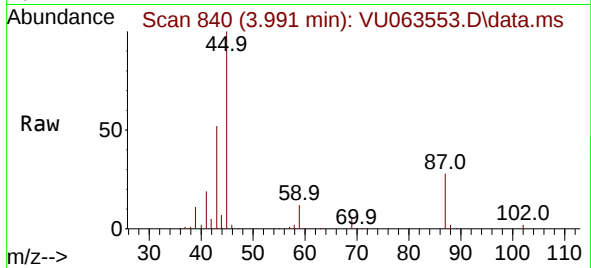




#31
Isopropyl Ether
Concen: 11.926 ug/l
RT: 3.991 min Scan# 840
Delta R.T. -0.000 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

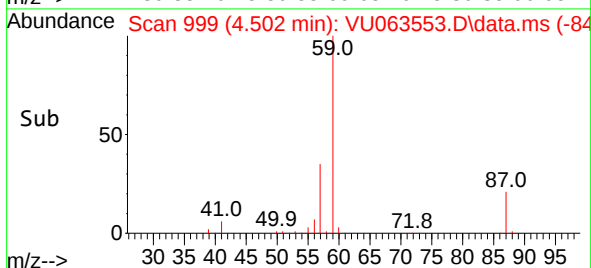
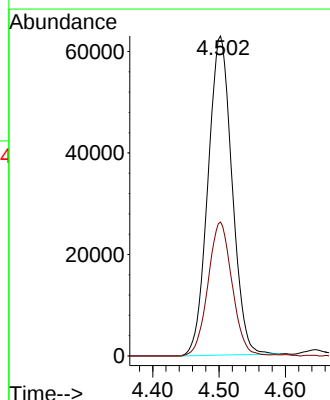
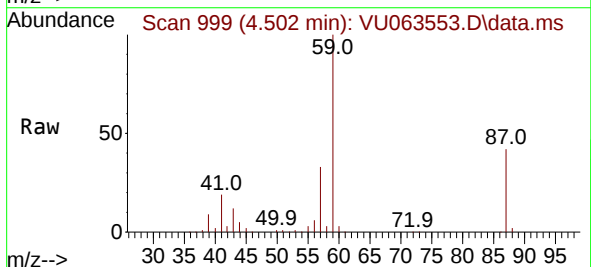
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

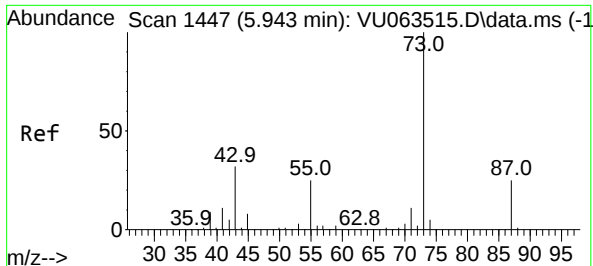
Tgt Ion: 45 Resp: 175257
Ion Ratio Lower Upper
45 100
43 52.2 25.7 77.0



#32
Ethyl-t-butyl ether
Concen: 11.632 ug/l
RT: 4.502 min Scan# 999
Delta R.T. -0.000 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

Tgt Ion: 59 Resp: 158193
Ion Ratio Lower Upper
59 100
87 41.5 32.6 49.0

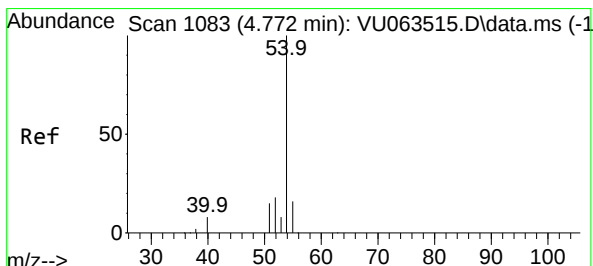
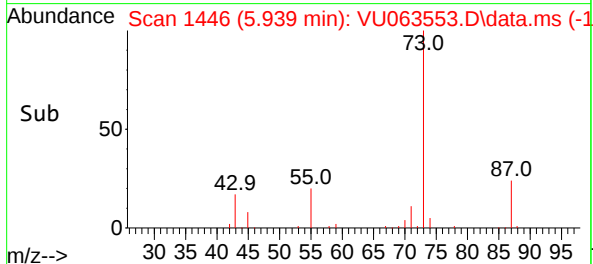
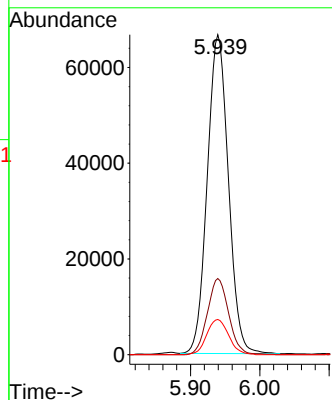
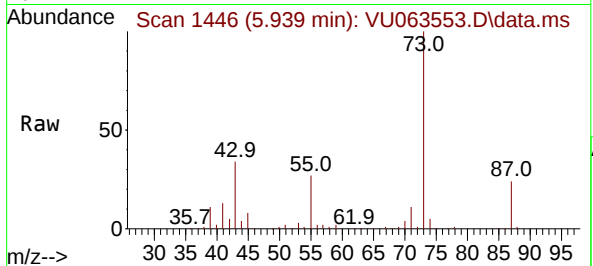




#33
Tert-Amyl methyl ether
Concen: 11.932 ug/l
RT: 5.939 min Scan# 1446
Delta R.T. -0.003 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

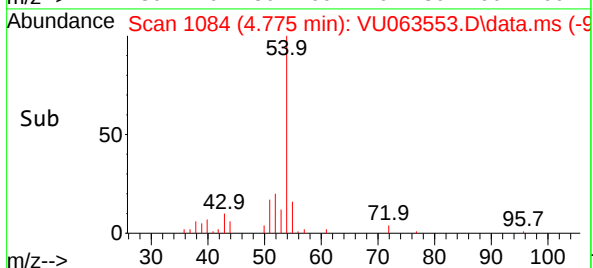
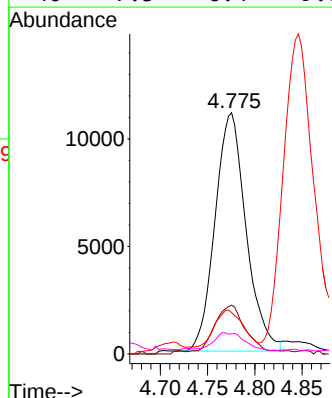
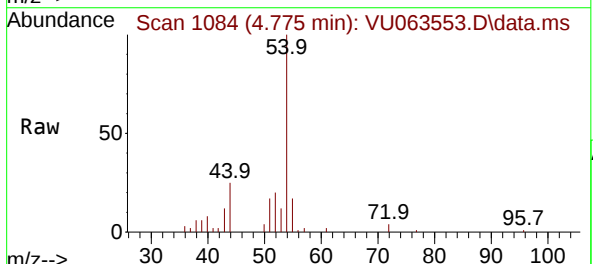
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

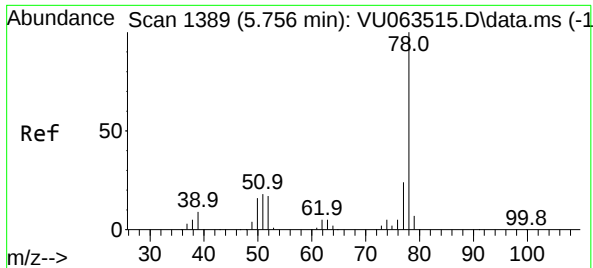
Tgt Ion: 73 Resp: 140833
Ion Ratio Lower Upper
73 100
87 24.1 19.4 29.2
71 11.5 8.9 13.3



#34
Propionitrile
Concen: 57.848 ug/l
RT: 4.775 min Scan# 1084
Delta R.T. 0.003 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

Tgt Ion: 54 Resp: 25296
Ion Ratio Lower Upper
54 100
52 19.2 17.0 25.4
55 17.1 13.6 20.4
40 7.3 6.4 9.6

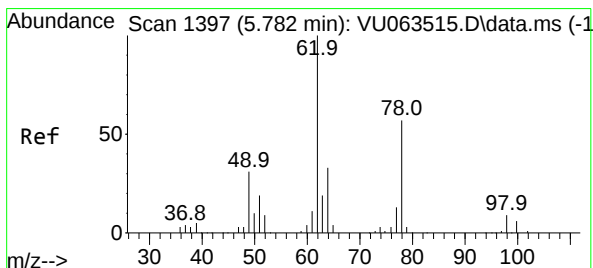
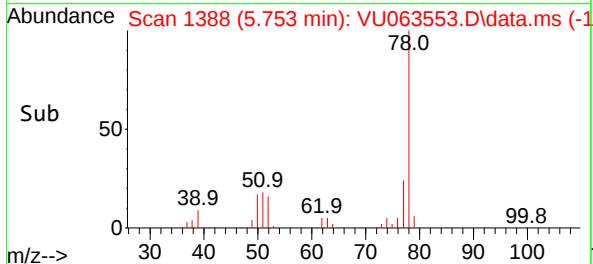
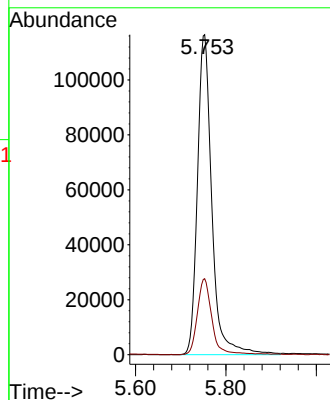
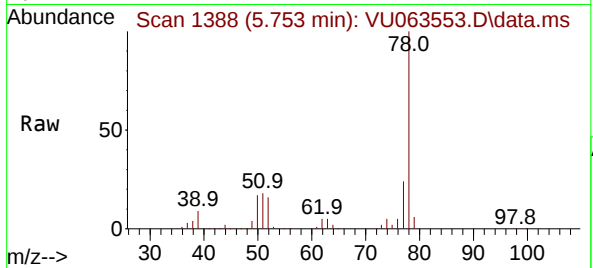




#35
Benzene
Concen: 12.261 ug/l
RT: 5.753 min Scan# 1388
Delta R.T. -0.003 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

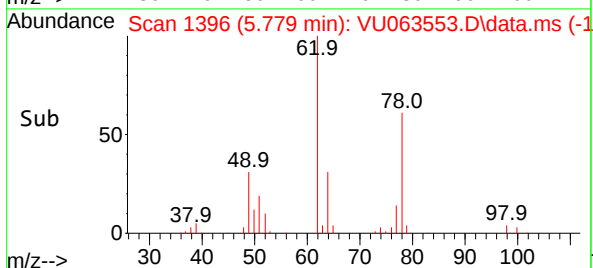
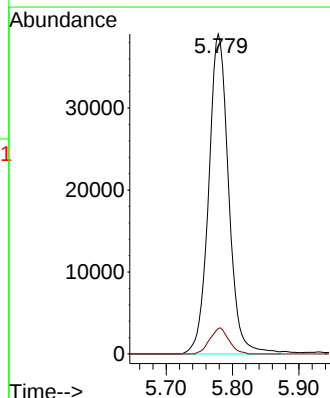
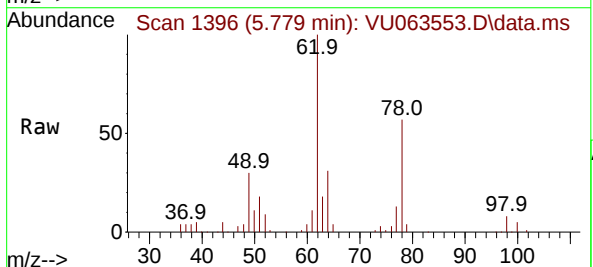
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

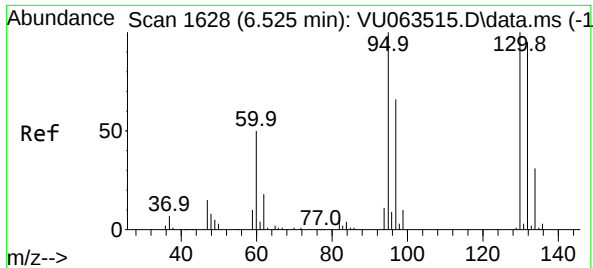
Tgt Ion: 78 Resp: 257299
Ion Ratio Lower Upper
78 100
77 23.8 19.4 29.2



#36
1,2-Dichloroethane
Concen: 12.532 ug/l
RT: 5.779 min Scan# 1396
Delta R.T. -0.003 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

Tgt Ion: 62 Resp: 81720
Ion Ratio Lower Upper
62 100
98 7.7 6.4 9.6





#37

Trichloroethene

Concen: 9.178 ug/l

RT: 6.524 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063553.D

Acq: 21 Jul 2025 19:14

Instrument :

MSVOA_U

ClientSampleId :

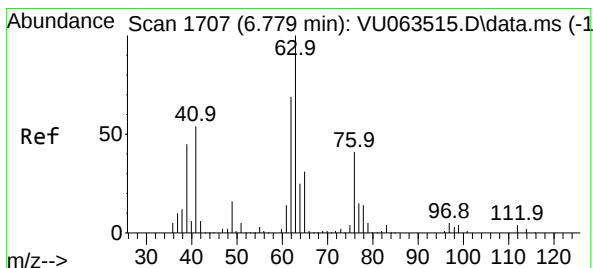
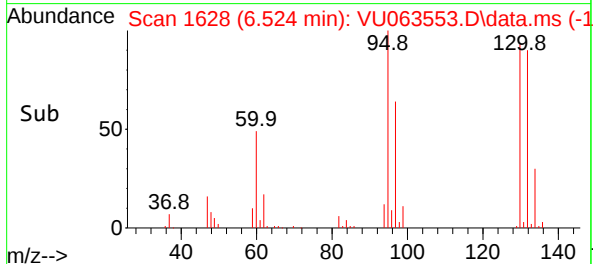
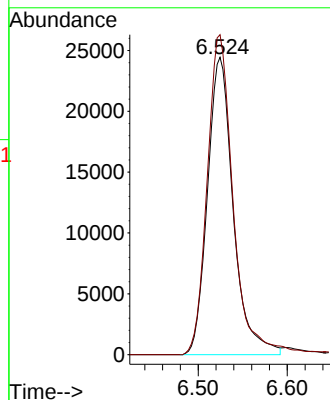
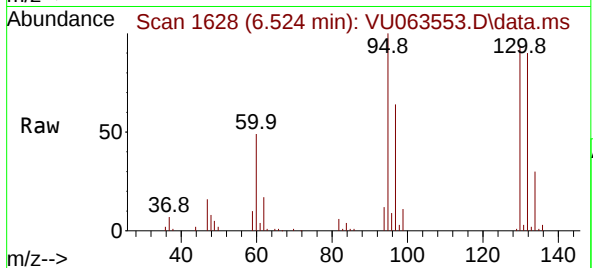
VSTDCCC010EC

Tgt Ion:130 Resp: 49145

Ion Ratio Lower Upper

130 100

95 107.6 80.3 120.5



#38

1,2-Dichloropropane

Concen: 10.744 ug/l

RT: 6.778 min Scan# 1707

Delta R.T. -0.000 min

Lab File: VU063553.D

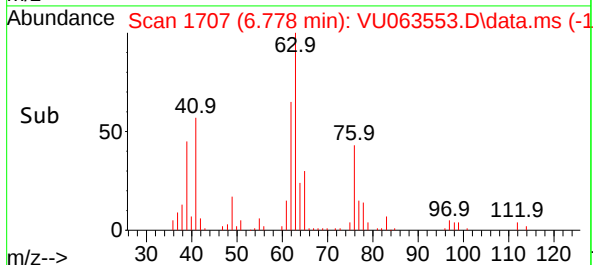
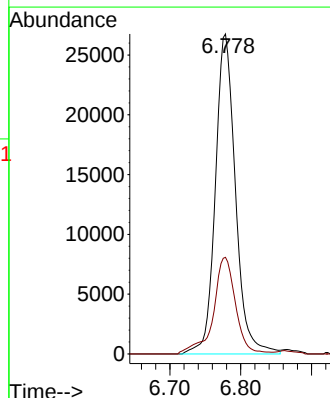
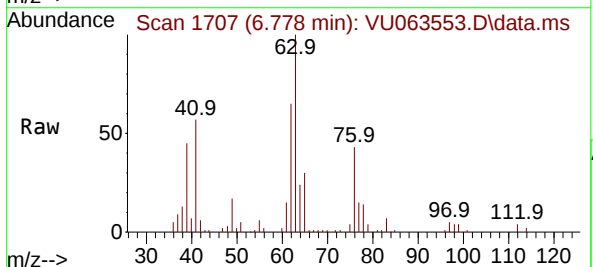
Acq: 21 Jul 2025 19:14

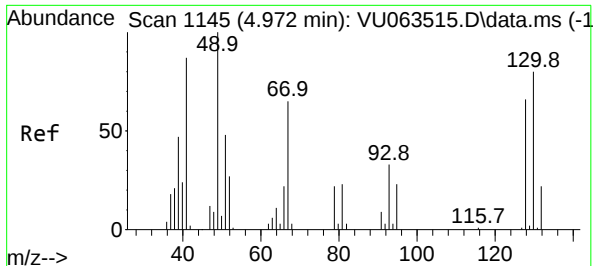
Tgt Ion: 63 Resp: 52770

Ion Ratio Lower Upper

63 100

65 29.6 24.6 36.8





#39

Methacrylonitrile

Concen: 11.363 ug/l

RT: 4.971 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VU063553.D

Acq: 21 Jul 2025 19:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 41 Resp: 22087

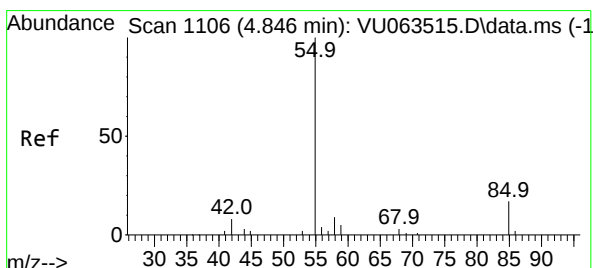
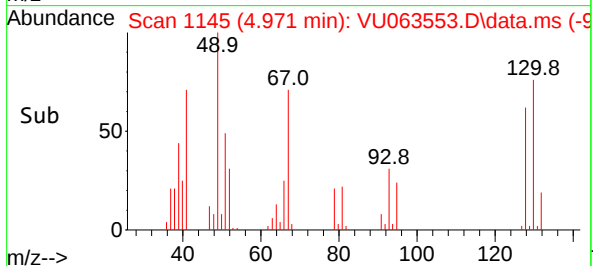
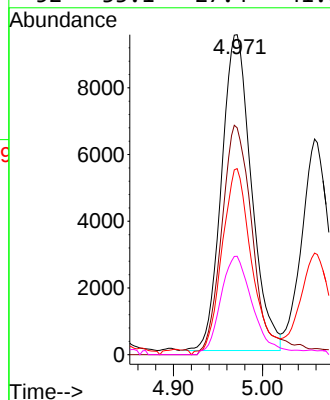
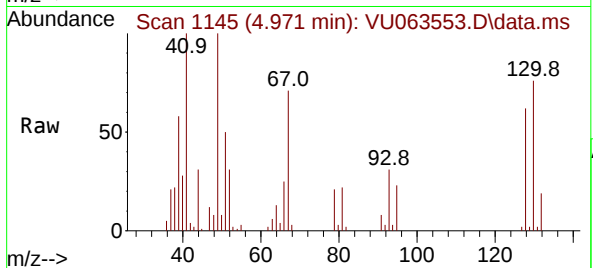
Ion Ratio Lower Upper

41 100

67 74.8 62.7 94.1

39 58.6 43.1 64.7

52 33.1 27.4 41.0



#40

Methyl acrylate

Concen: 12.230 ug/l

RT: 4.846 min Scan# 1106

Delta R.T. -0.000 min

Lab File: VU063553.D

Acq: 21 Jul 2025 19:14

Tgt Ion: 55 Resp: 34748

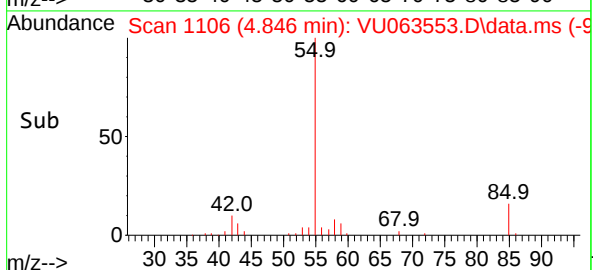
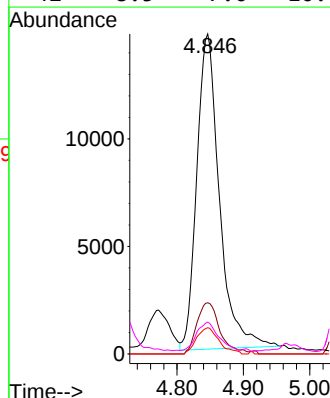
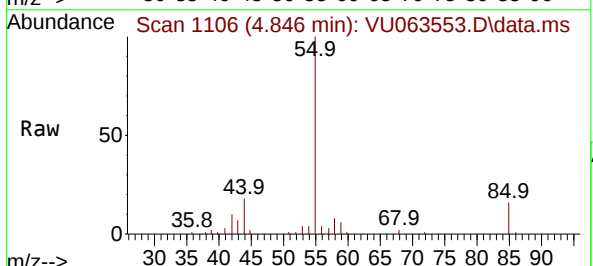
Ion Ratio Lower Upper

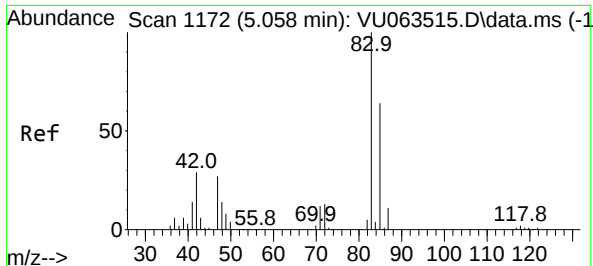
55 100

85 16.4 12.8 19.2

58 8.3 7.0 10.4

42 8.5 7.0 10.4





#41

Tetrahydrofuran

Concen: 21.897 ug/l

RT: 5.058 min Scan# 1172

Delta R.T. -0.000 min

Lab File: VU063553.D

Acq: 21 Jul 2025 19:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

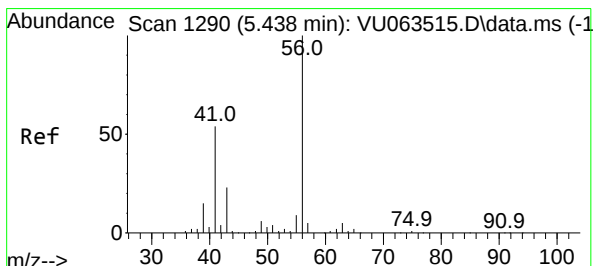
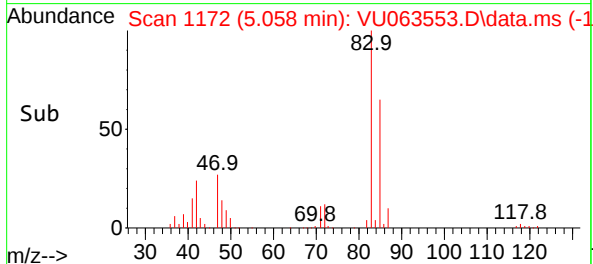
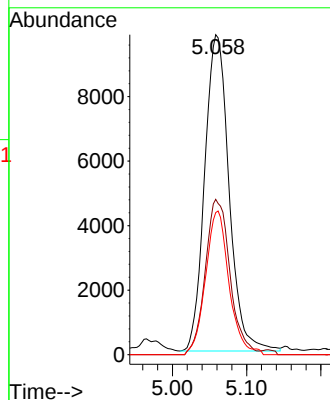
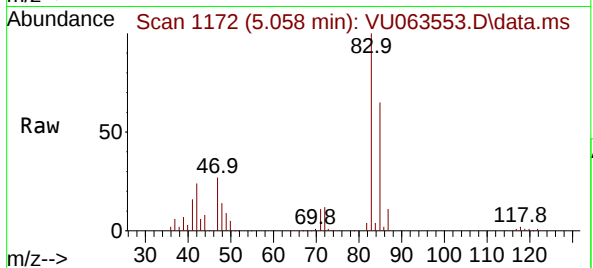
Tgt Ion: 42 Resp: 22390

Ion Ratio Lower Upper

42 100

72 49.7 39.2 58.8

71 43.7 34.8 52.2



#42

1-Chlorobutane

Concen: 12.063 ug/l

RT: 5.434 min Scan# 1289

Delta R.T. -0.003 min

Lab File: VU063553.D

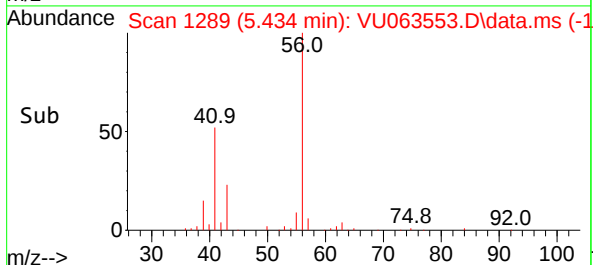
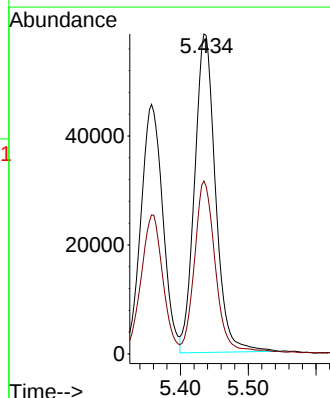
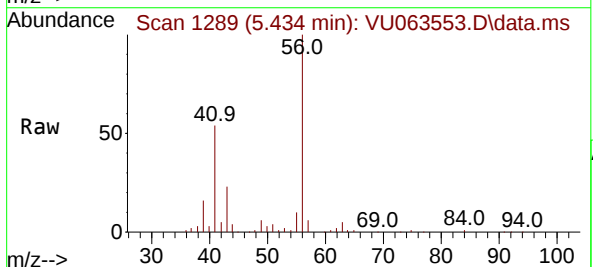
Acq: 21 Jul 2025 19:14

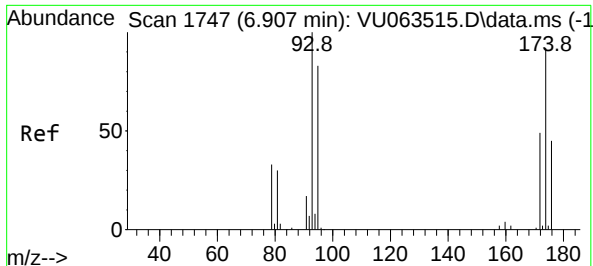
Tgt Ion: 56 Resp: 125268

Ion Ratio Lower Upper

56 100

41 51.7 26.7 80.0

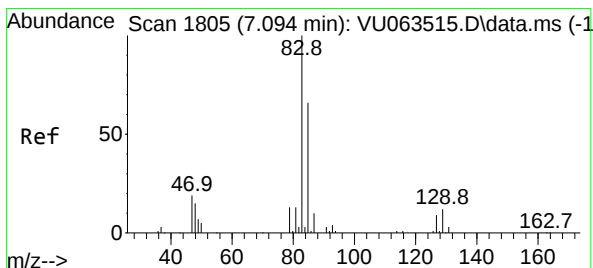
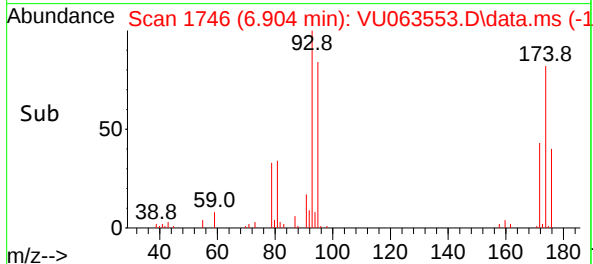
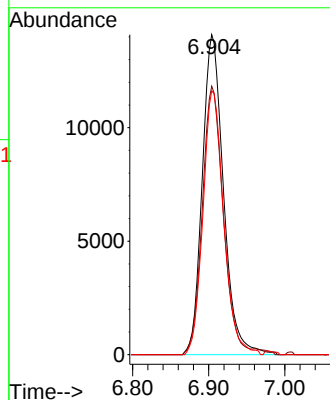
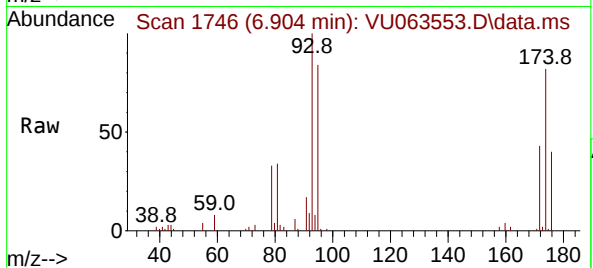




#43
Dibromomethane
Concen: 10.735 ug/l
RT: 6.904 min Scan# 1746
Delta R.T. -0.003 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

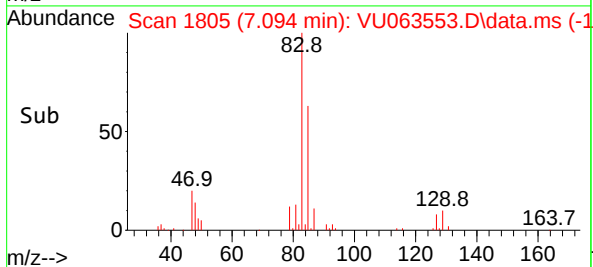
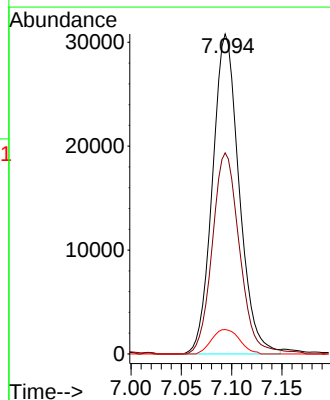
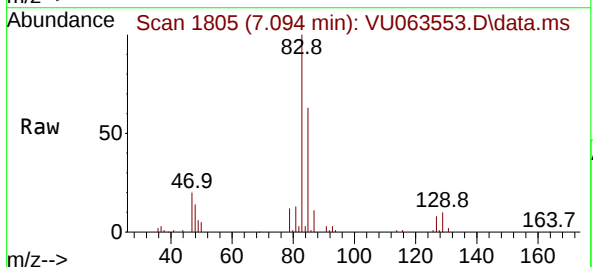
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

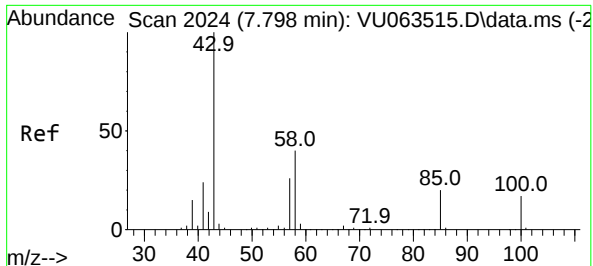
Tgt Ion: 93 Resp: 27313
Ion Ratio Lower Upper
93 100
95 83.7 67.9 101.9
174 80.7 74.6 111.8



#44
Bromodichloromethane
Concen: 9.900 ug/l
RT: 7.094 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

Tgt Ion: 83 Resp: 56807
Ion Ratio Lower Upper
83 100
85 62.8 52.7 79.1
127 8.6 8.1 12.1





#45

4-Methyl-2-Pentanone

Concen: 58.906 ug/l

RT: 7.795 min Scan# 20

Delta R.T. -0.003 min

Lab File: VU063553.D

Acq: 21 Jul 2025 19:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

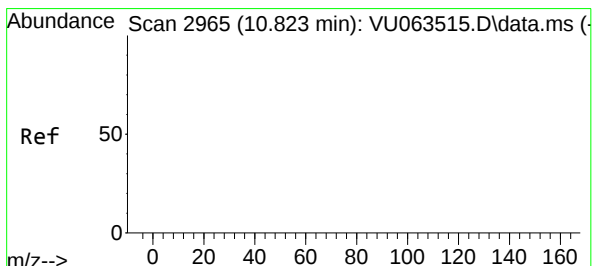
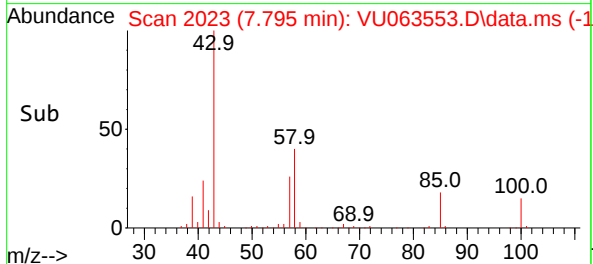
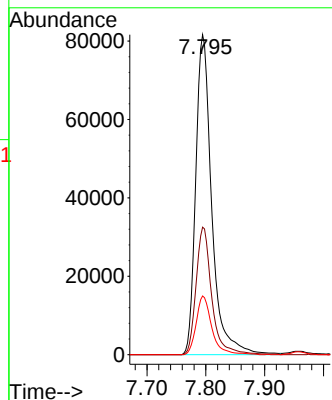
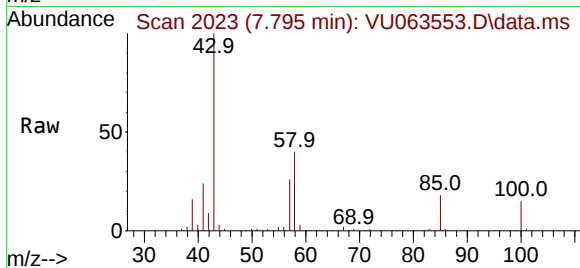
Tgt Ion: 43 Resp: 154473

Ion Ratio Lower Upper

43 100

58 39.1 20.0 60.0

85 17.9 15.4 23.0



#46

t-1,4-Dichloro-2-butene

Concen: 48.707 ug/l

RT: 10.814 min Scan# 2962

Delta R.T. -0.010 min

Lab File: VU063553.D

Acq: 21 Jul 2025 19:14

Tgt Ion: 75 Resp: 47947

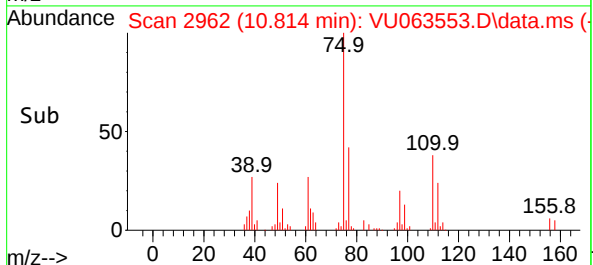
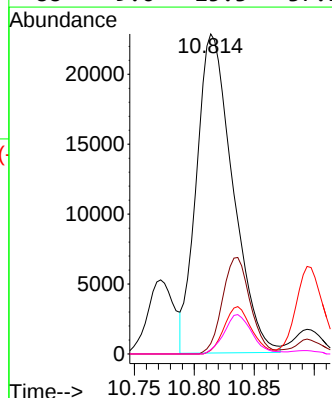
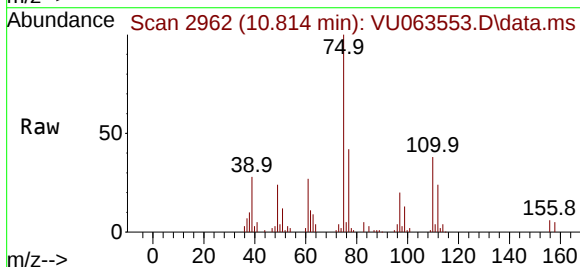
Ion Ratio Lower Upper

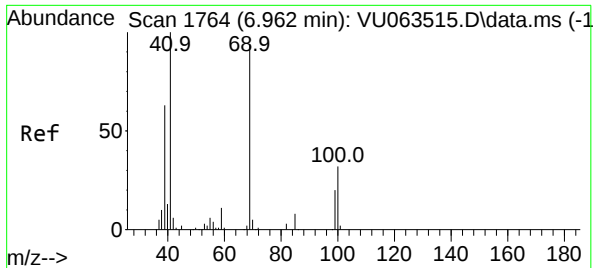
75 100

53 23.2 48.4 72.6#

89 11.2 30.6 45.8#

88 9.6 25.3 37.9#

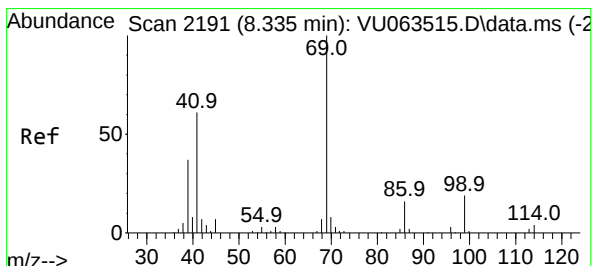
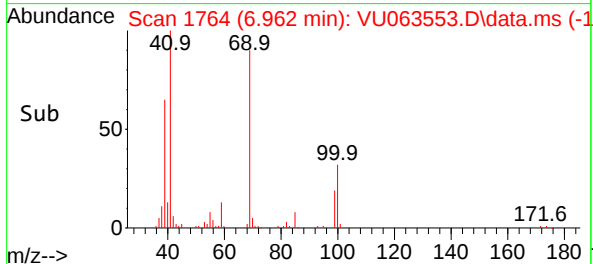
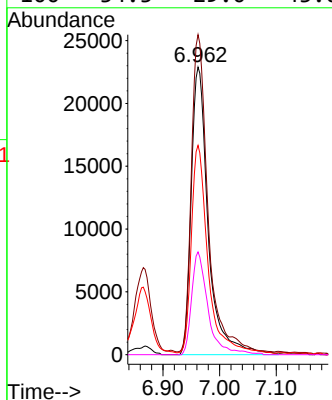
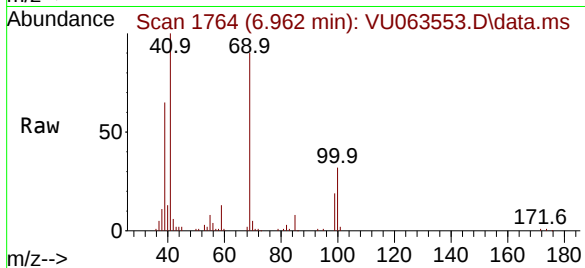




#47
Methyl methacrylate
Concen: 22.346 ug/l
RT: 6.962 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

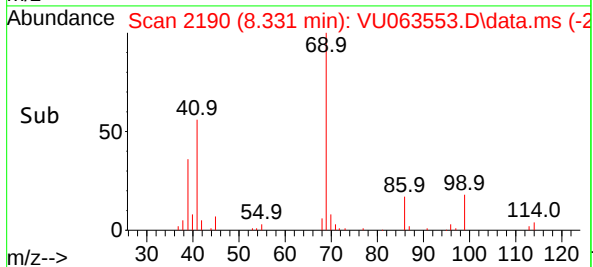
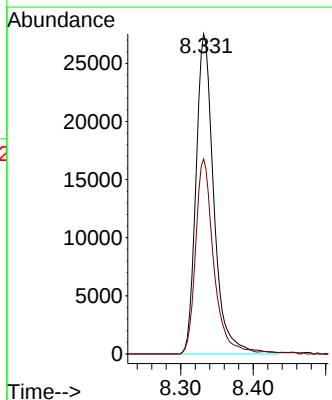
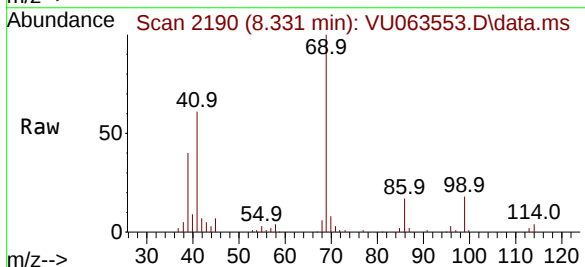
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

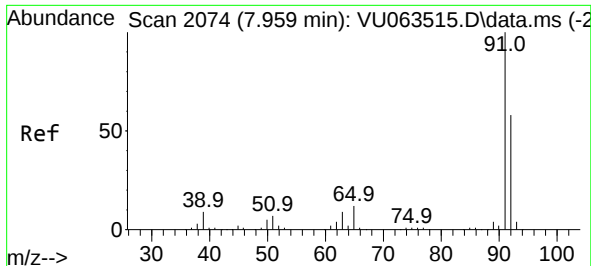
Tgt Ion: 69 Resp: 47751
Ion Ratio Lower Upper
69 100
41 107.2 0.0 224.0
39 70.8 55.3 82.9
100 34.3 29.0 43.6



#48
Ethyl methacrylate
Concen: 11.533 ug/l
RT: 8.331 min Scan# 2190
Delta R.T. -0.003 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

Tgt Ion: 69 Resp: 47030
Ion Ratio Lower Upper
69 100
41 61.6 30.8 92.4





#49

Toluene

Concen: 11.146 ug/l

RT: 7.955 min Scan# 2074

Delta R.T. -0.003 min

Lab File: VU063553.D

Acq: 21 Jul 2025 19:14

Instrument :

MSVOA_U

ClientSampleId :

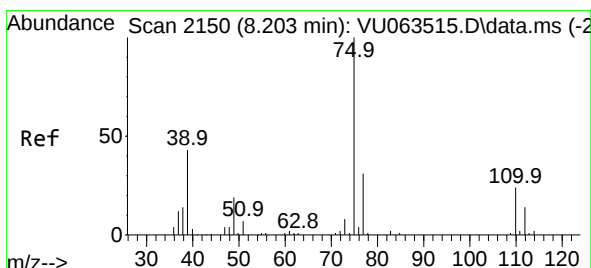
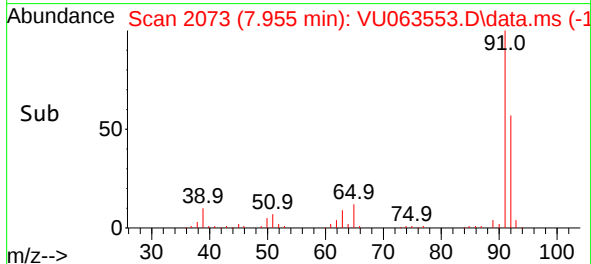
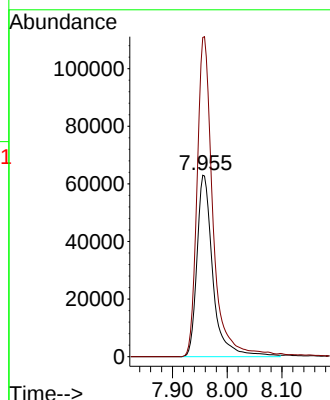
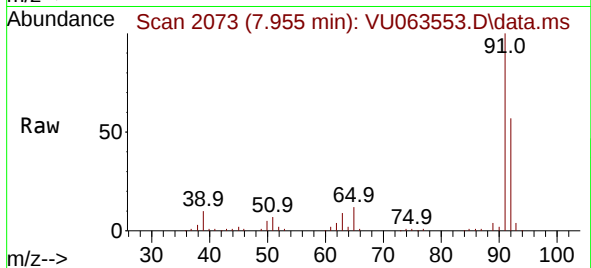
VSTDCCC010EC

Tgt Ion: 92 Resp: 127714

Ion Ratio Lower Upper

92 100

91 173.2 140.4 210.6



#50

t-1,3-Dichloropropene

Concen: 9.476 ug/l

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU063553.D

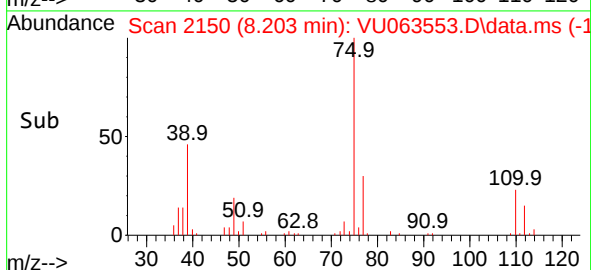
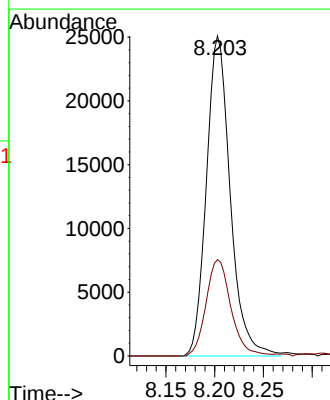
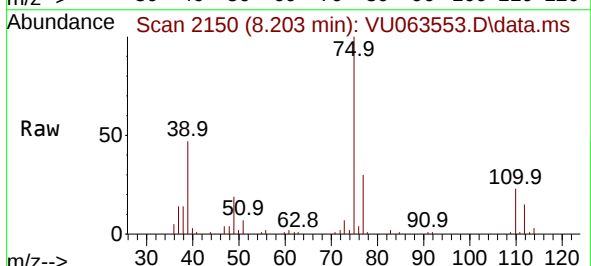
Acq: 21 Jul 2025 19:14

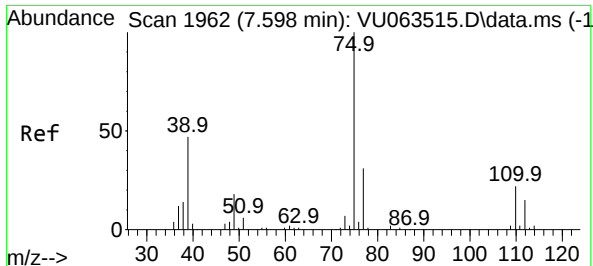
Tgt Ion: 75 Resp: 42661

Ion Ratio Lower Upper

75 100

77 30.1 24.9 37.3





#51

cis-1,3-Dichloropropene

Concen: 9.744 ug/l

RT: 7.598 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VU063553.D

Acq: 21 Jul 2025 19:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

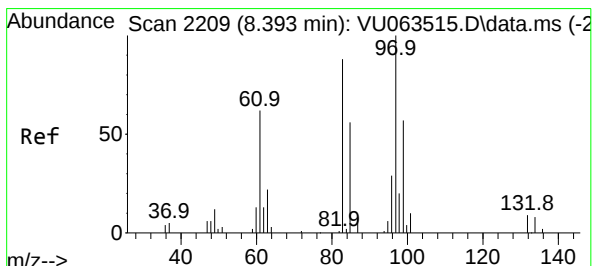
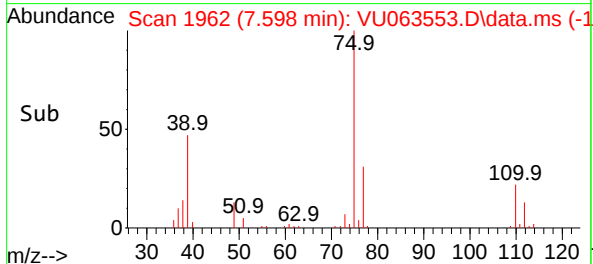
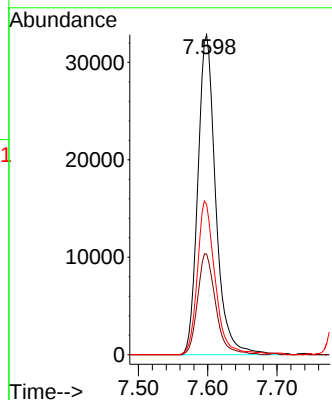
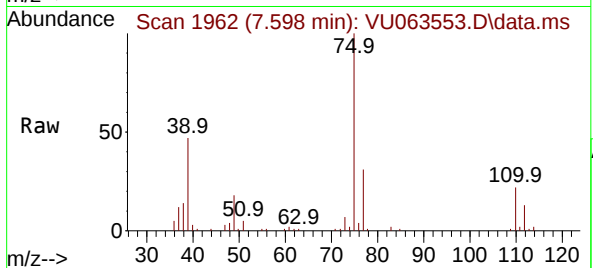
Tgt Ion: 75 Resp: 58878

Ion Ratio Lower Upper

75 100

77 31.5 25.1 37.7

39 47.0 37.8 56.6



#52

1,1,2-Trichloroethane

Concen: 11.436 ug/l

RT: 8.393 min Scan# 2209

Delta R.T. -0.000 min

Lab File: VU063553.D

Acq: 21 Jul 2025 19:14

Tgt Ion: 97 Resp: 39175

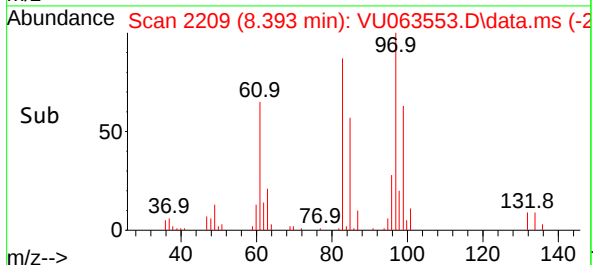
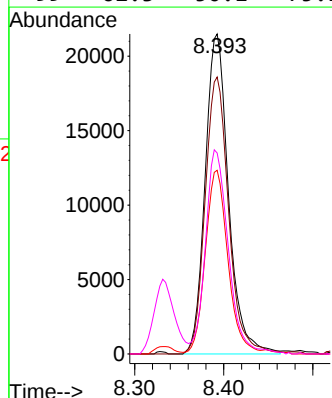
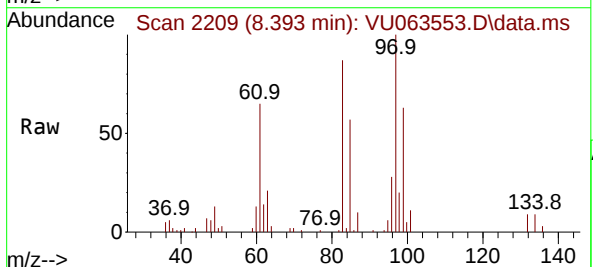
Ion Ratio Lower Upper

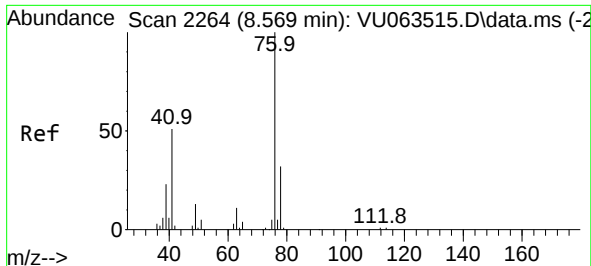
97 100

83 86.5 70.2 105.2

85 56.9 45.2 67.8

99 62.3 50.1 75.1





#53

1,3-Dichloropropane

Concen: 11.615 ug/l

RT: 8.566 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU063553.D

Acq: 21 Jul 2025 19:14

Instrument :

MSVOA_U

ClientSampleId :

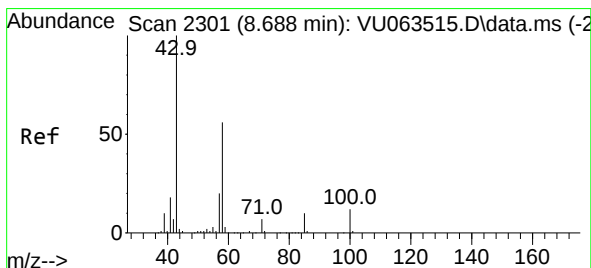
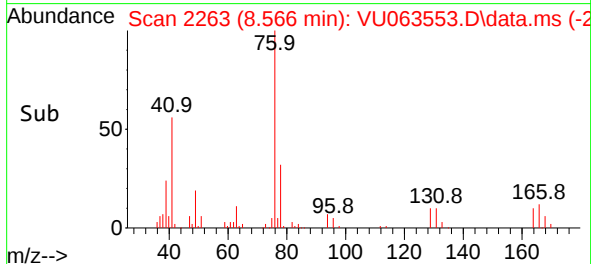
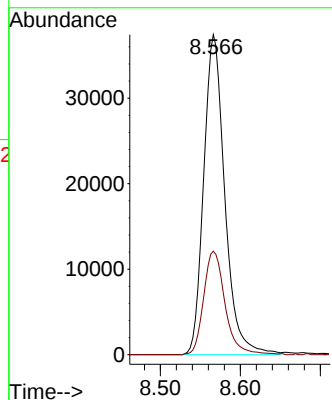
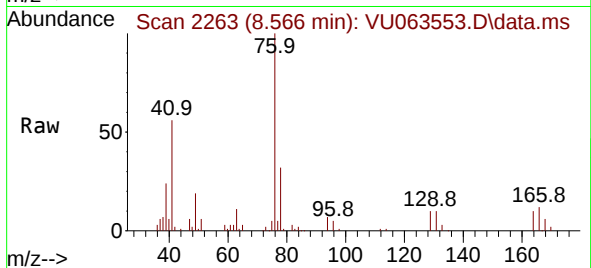
VSTDCCC010EC

Tgt Ion: 76 Resp: 68687

Ion Ratio Lower Upper

76 100

78 32.9 26.0 39.0



#54

2-Hexanone

Concen: 58.674 ug/l

RT: 8.685 min Scan# 2300

Delta R.T. -0.003 min

Lab File: VU063553.D

Acq: 21 Jul 2025 19:14

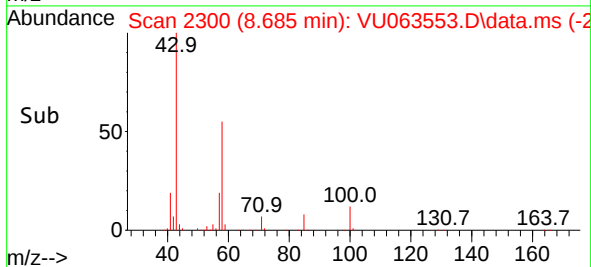
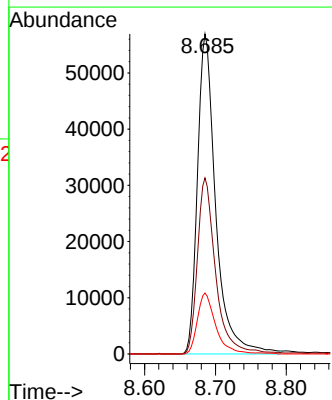
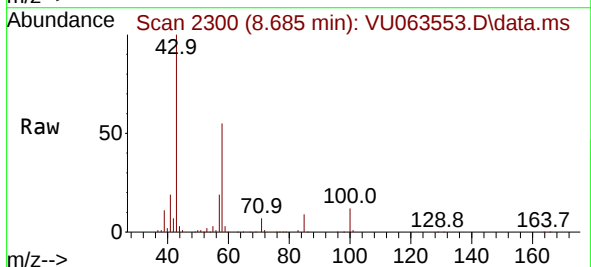
Tgt Ion: 43 Resp: 102200

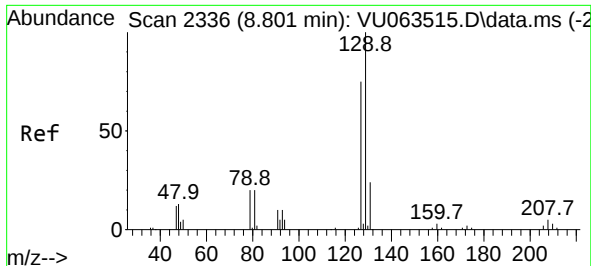
Ion Ratio Lower Upper

43 100

58 54.8 34.8 74.8

57 18.9 0.0 39.5

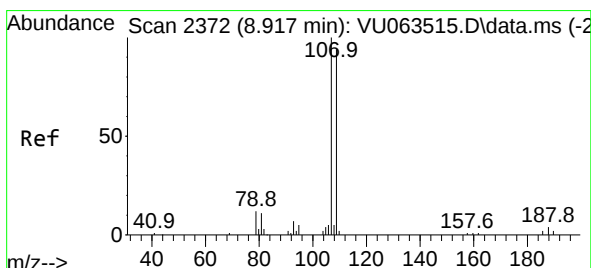
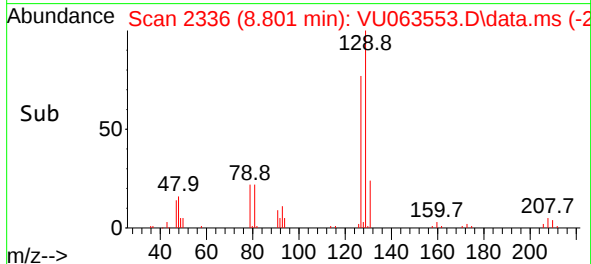
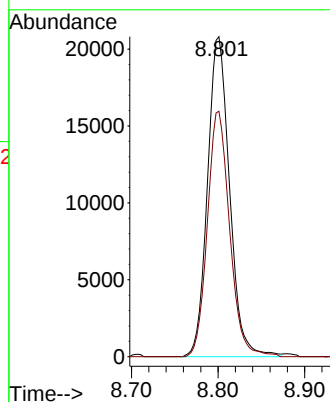
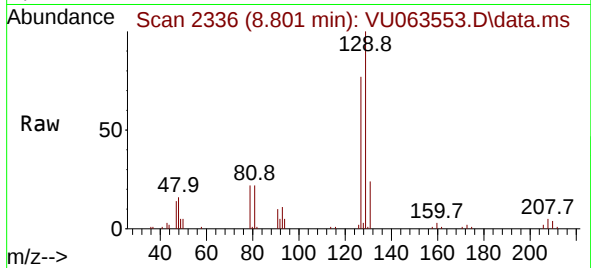




#55
Dibromochloromethane
Concen: 10.187 ug/l
RT: 8.801 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

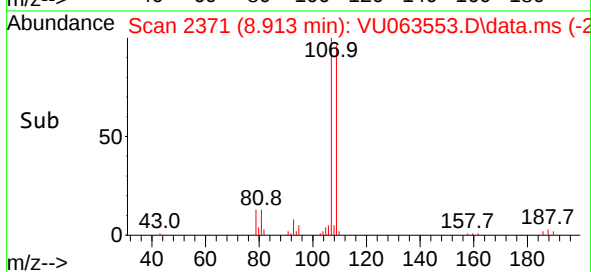
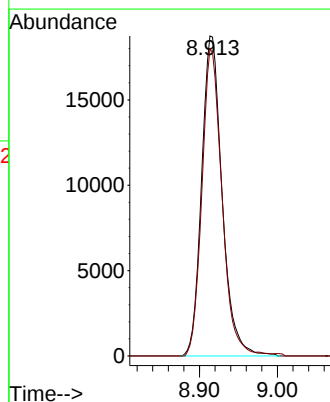
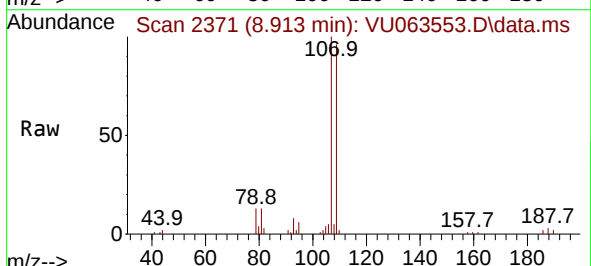
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

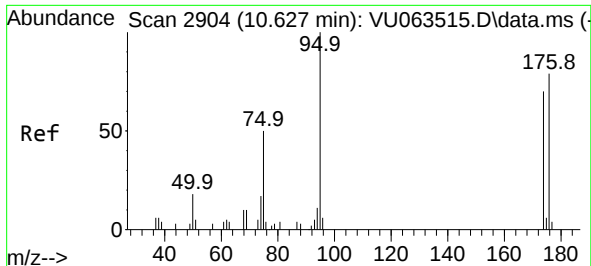
Tgt Ion:129 Resp: 36876
Ion Ratio Lower Upper
129 100
127 77.4 60.1 90.1



#56
1,2-Dibromoethane
Concen: 11.168 ug/l
RT: 8.913 min Scan# 2371
Delta R.T. -0.003 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

Tgt Ion:107 Resp: 34238
Ion Ratio Lower Upper
107 100
109 94.0 0.0 186.4





#57

4-Bromofluorobenzene

Concen: 1.093 ug/l

RT: 10.627 min Scan# 2904

Delta R.T. -0.000 min

Lab File: VU063553.D

Acq: 21 Jul 2025 19:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

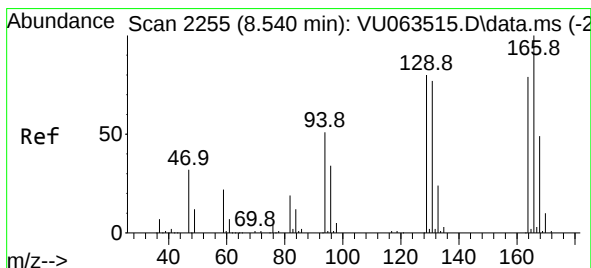
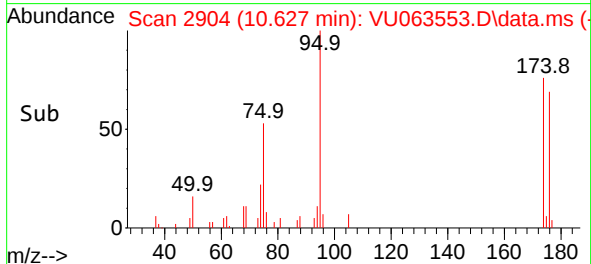
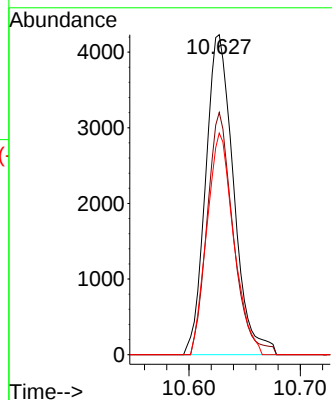
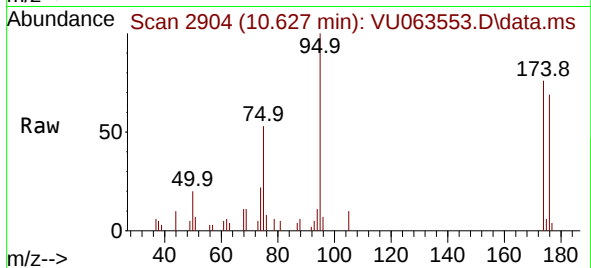
Tgt Ion: 95 Resp: 7371

Ion Ratio Lower Upper

95 100

174 70.4 59.8 89.8

176 66.5 61.8 92.8



#58

Tetrachloroethene

Concen: 9.534 ug/l

RT: 8.540 min Scan# 2255

Delta R.T. -0.000 min

Lab File: VU063553.D

Acq: 21 Jul 2025 19:14

Tgt Ion: 164 Resp: 46719

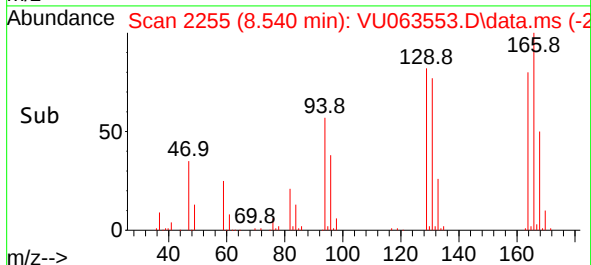
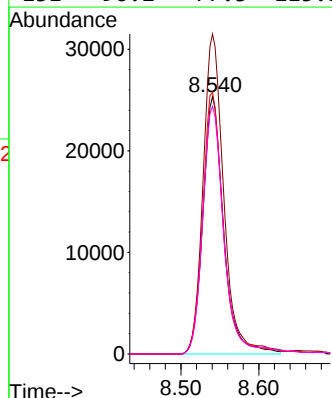
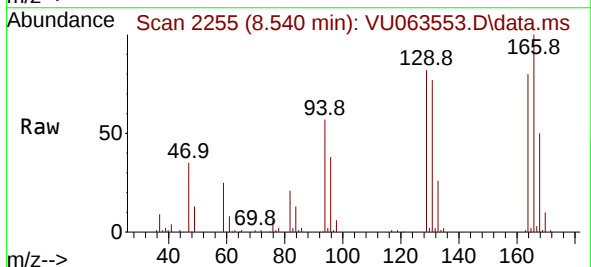
Ion Ratio Lower Upper

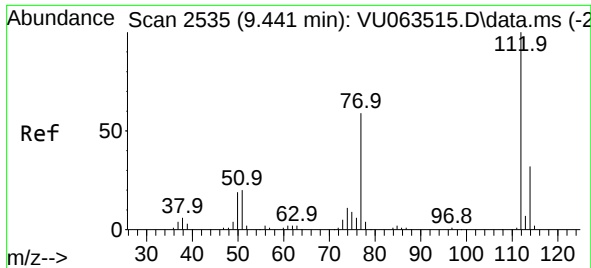
164 100

166 124.3 100.7 151.1

129 101.7 80.6 120.8

131 96.2 77.3 115.9

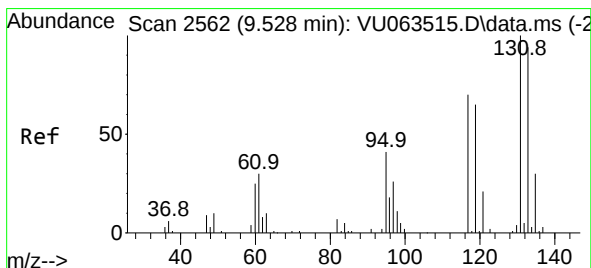
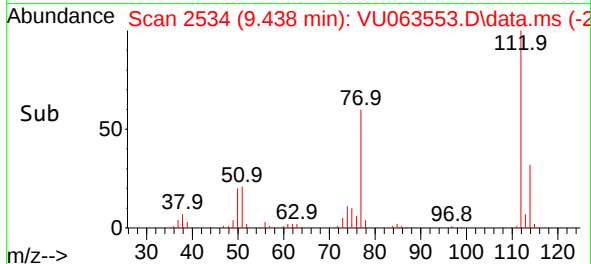
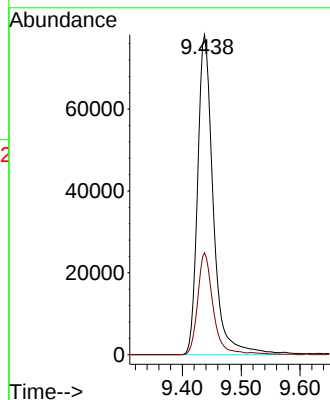
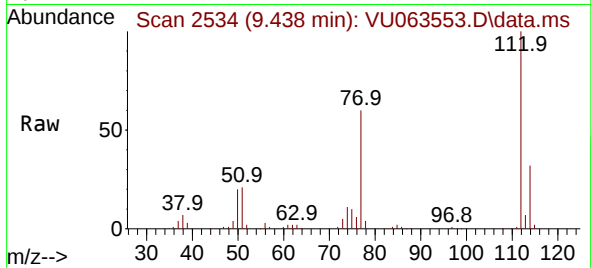




#59
Chlorobenzene
Concen: 10.964 ug/l
RT: 9.438 min Scan# 2534
Delta R.T. -0.003 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

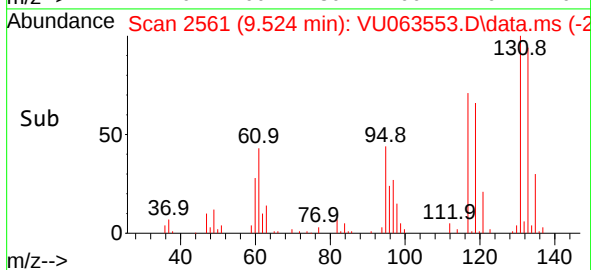
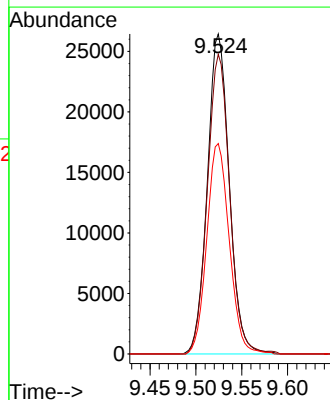
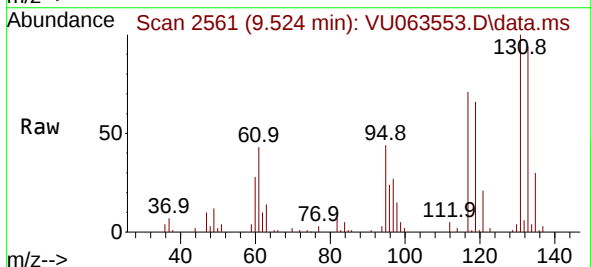
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

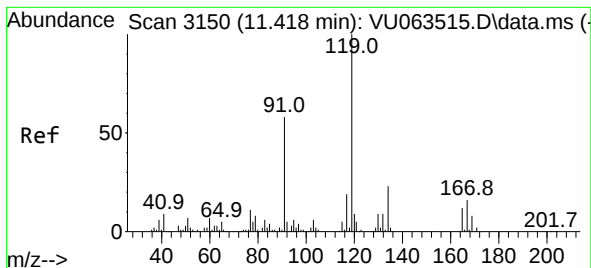
Tgt Ion:112 Resp: 144296
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.2



#60
1,1,1,2-Tetrachloroethane
Concen: 10.404 ug/l
RT: 9.524 min Scan# 2561
Delta R.T. -0.003 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

Tgt Ion:131 Resp: 44029
Ion Ratio Lower Upper
131 100
133 95.2 74.7 112.1
119 67.3 53.0 79.4

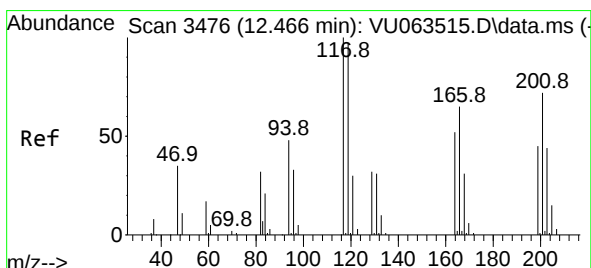
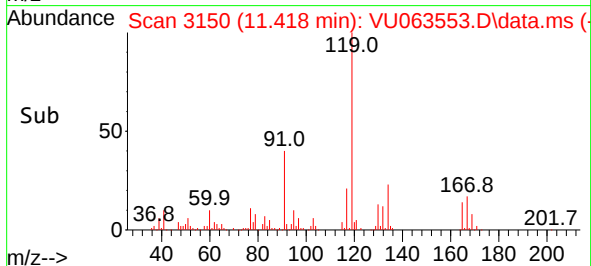
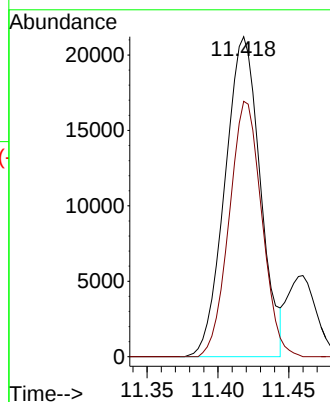
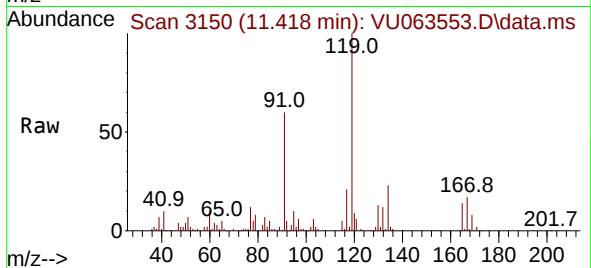




#61
Pentachloroethane
Concen: 12.298 ug/l
RT: 11.418 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

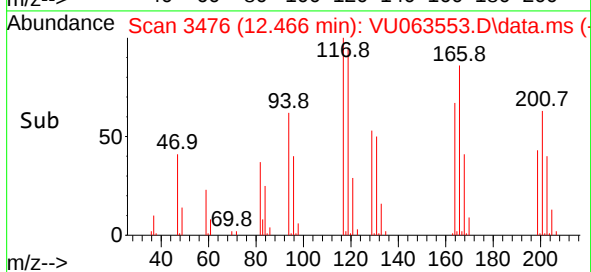
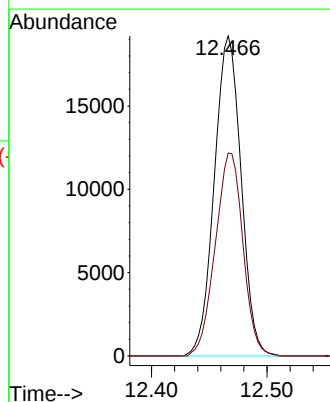
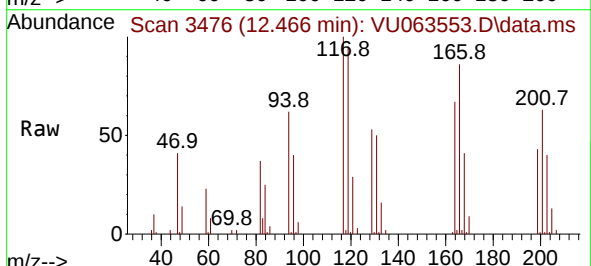
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

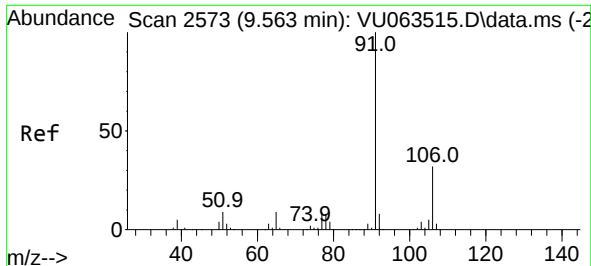
Tgt Ion:117 Resp: 36777
Ion Ratio Lower Upper
117 100
167 73.7 65.0 97.6



#62
Hexachloroethane
Concen: 10.451 ug/l
RT: 12.466 min Scan# 3476
Delta R.T. -0.000 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

Tgt Ion:117 Resp: 30948
Ion Ratio Lower Upper
117 100
201 65.4 57.4 86.0

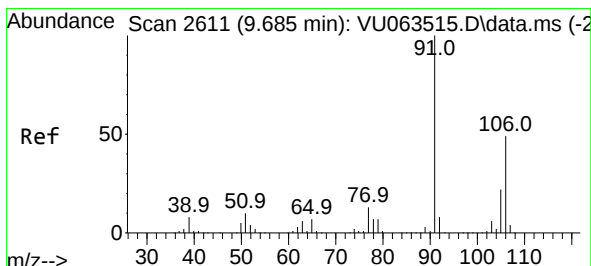
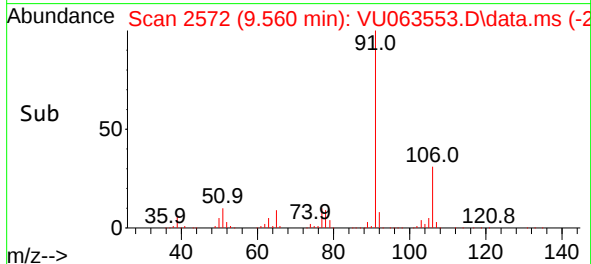
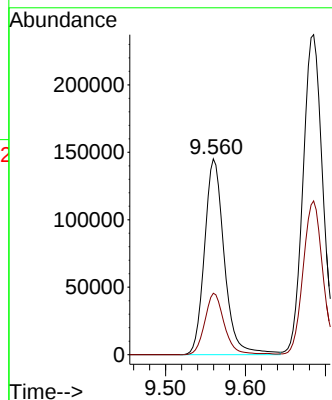
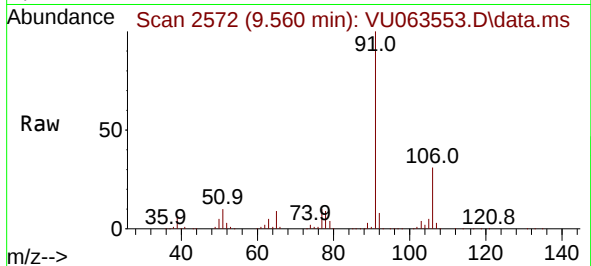




#63
Ethyl Benzene
Concen: 11.063 ug/l
RT: 9.560 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

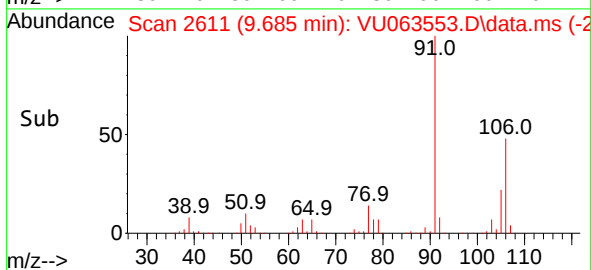
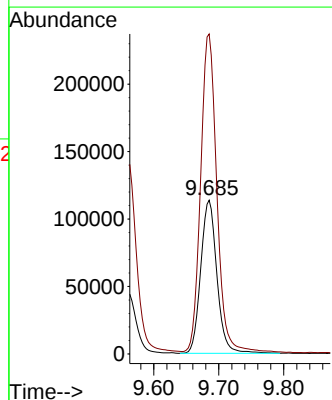
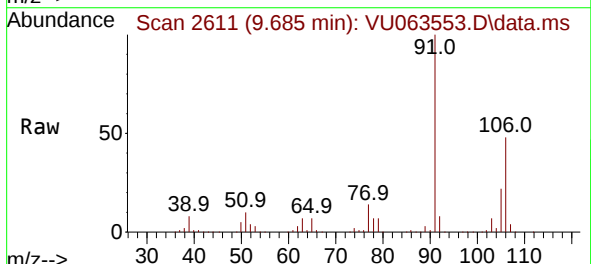
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

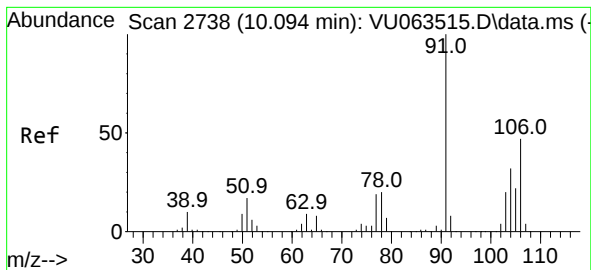
Tgt Ion: 91 Resp: 250535
Ion Ratio Lower Upper
91 100
106 31.4 25.4 38.0



#64
m/p-Xylenes
Concen: 22.334 ug/l
RT: 9.685 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

Tgt Ion: 106 Resp: 196599
Ion Ratio Lower Upper
106 100
91 211.2 163.6 245.4





#65

o-Xylene

Concen: 11.599 ug/l

RT: 10.090 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU063553.D

Acq: 21 Jul 2025 19:14

Instrument :

MSVOA_U

ClientSampleId :

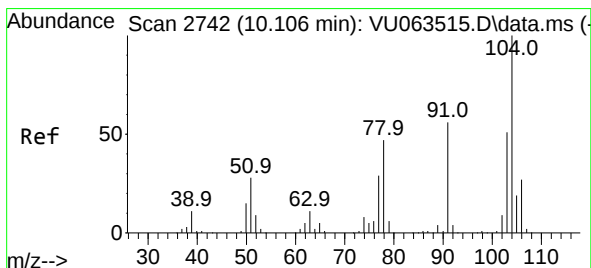
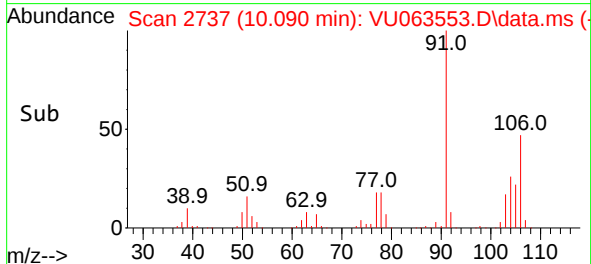
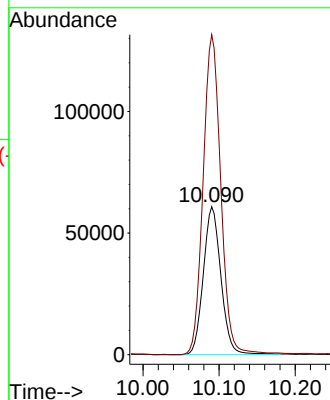
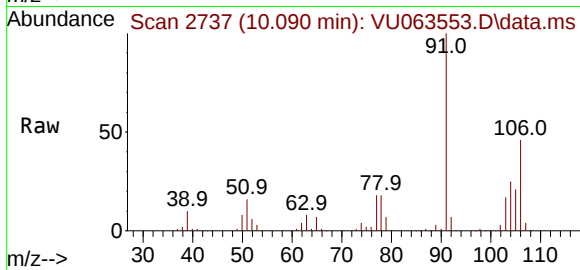
VSTDCCC010EC

Tgt Ion:106 Resp: 98107

Ion Ratio Lower Upper

106 100

91 217.6 108.1 324.4



#66

Styrene

Concen: 11.760 ug/l

RT: 10.106 min Scan# 2742

Delta R.T. -0.000 min

Lab File: VU063553.D

Acq: 21 Jul 2025 19:14

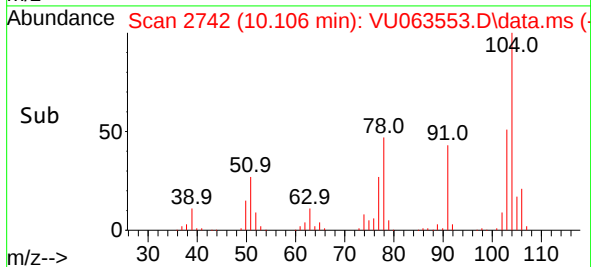
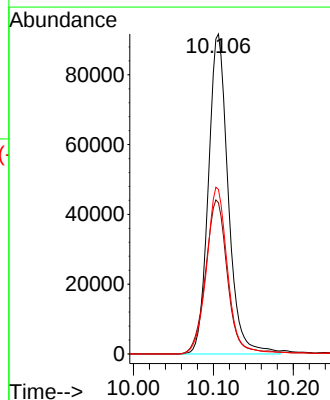
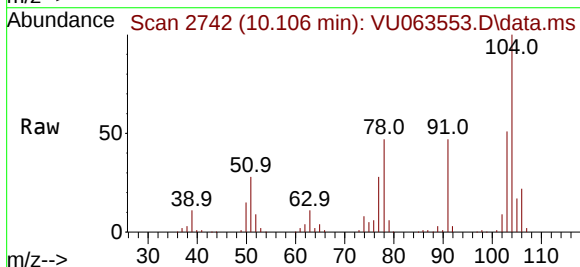
Tgt Ion:104 Resp: 158528

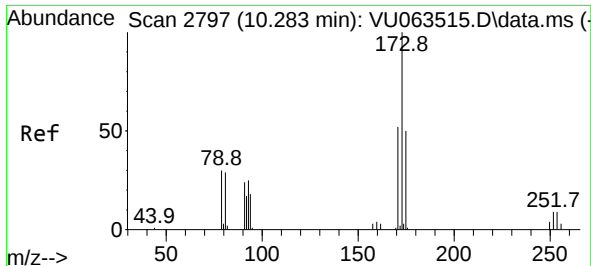
Ion Ratio Lower Upper

104 100

78 53.4 41.3 61.9

103 55.4 43.6 65.4

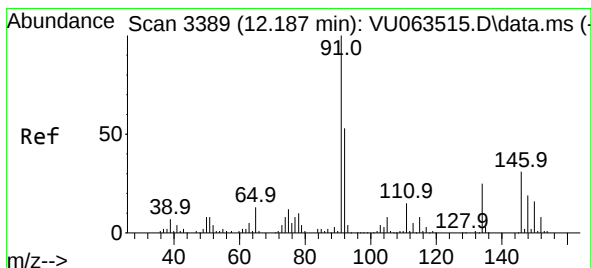
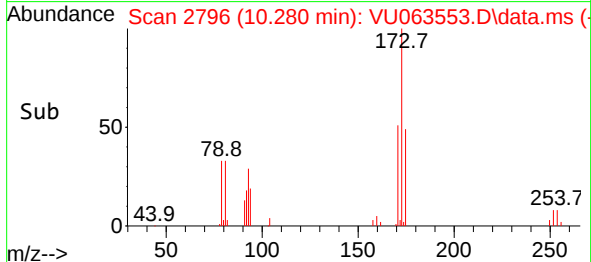
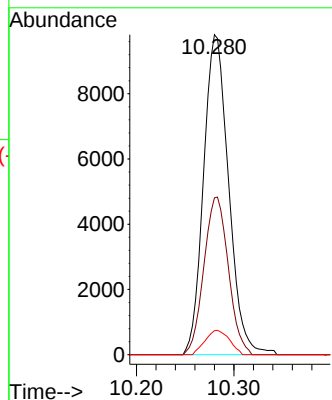
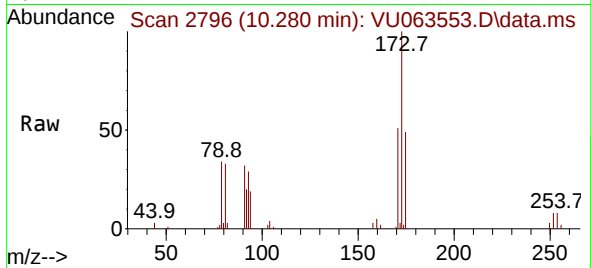




#67
Bromoform
Concen: 9.437 ug/l
RT: 10.280 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

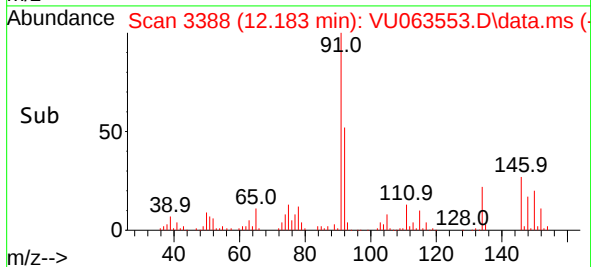
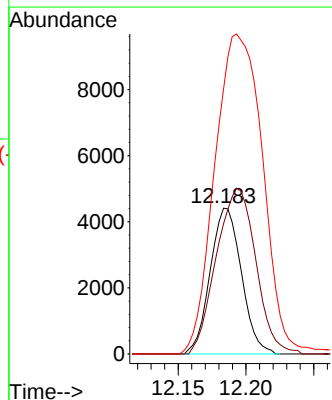
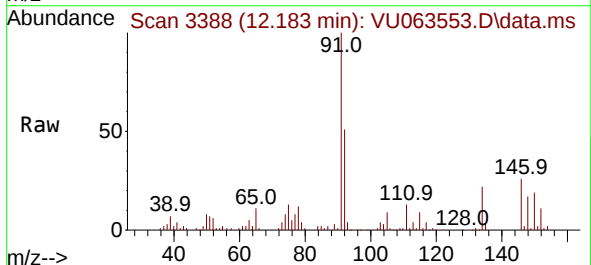
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

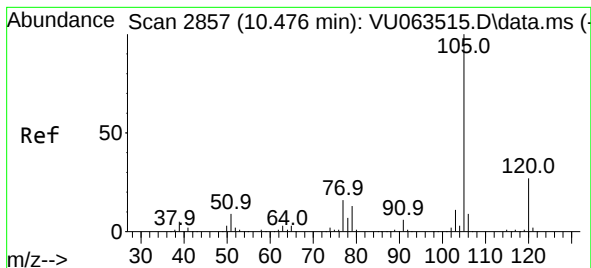
Tgt Ion:173 Resp: 17546
Ion Ratio Lower Upper
173 100
175 48.0 39.0 58.4
254 7.4 6.5 9.7



#68
1,2-Dichlorobenzene-d4
Concen: 1.133 ug/l
RT: 12.183 min Scan# 3388
Delta R.T. -0.003 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

Tgt Ion:152 Resp: 7067
Ion Ratio Lower Upper
152 100
115 143.7 0.0 262.2
150 337.0 0.0 651.2





#69

Isopropylbenzene

Concen: 11.716 ug/l

RT: 10.473 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU063553.D

Acq: 21 Jul 2025 19:14

Instrument :

MSVOA_U

ClientSampleId :

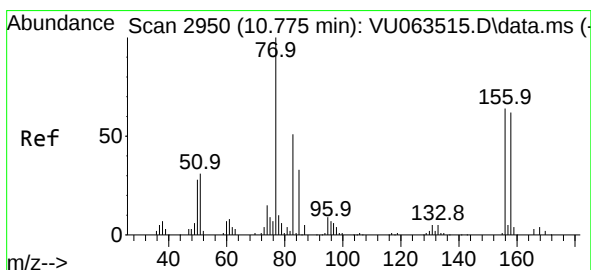
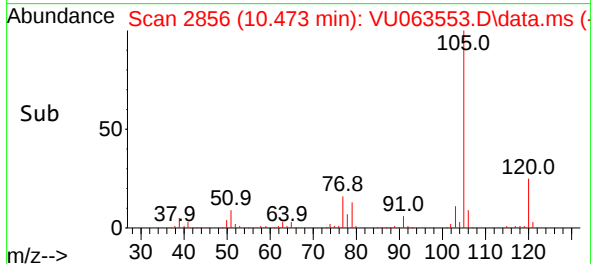
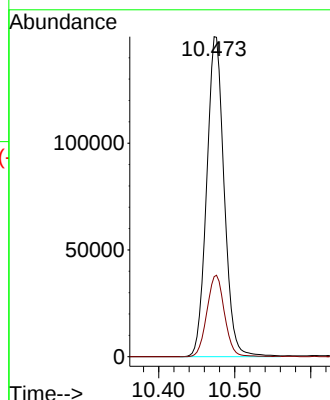
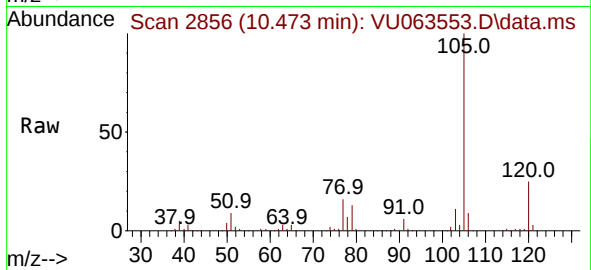
VSTDCCC010EC

Tgt Ion:105 Resp: 239583

Ion Ratio Lower Upper

105 100

120 25.6 13.2 39.5



#70

1,1,2,2-Tetrachloroethane

Concen: 12.212 ug/l

RT: 10.772 min Scan# 2949

Delta R.T. -0.003 min

Lab File: VU063553.D

Acq: 21 Jul 2025 19:14

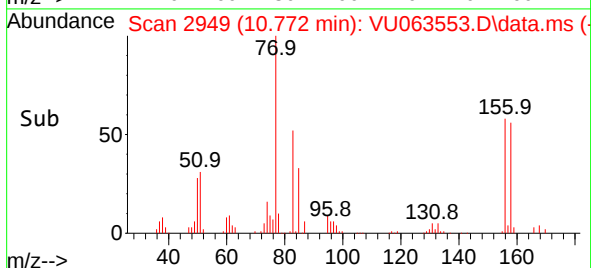
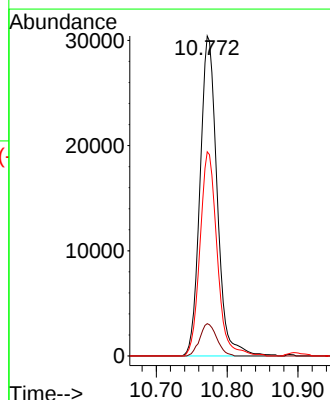
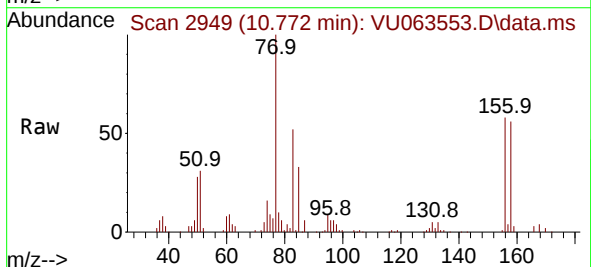
Tgt Ion: 83 Resp: 50904

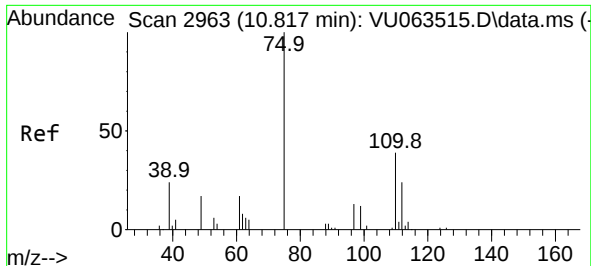
Ion Ratio Lower Upper

83 100

131 10.1 8.4 12.6

85 64.2 51.9 77.9

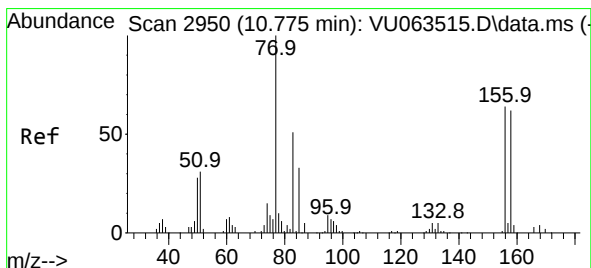
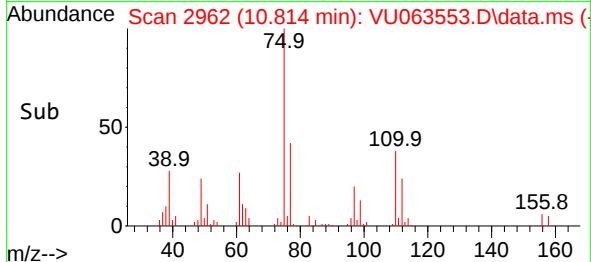
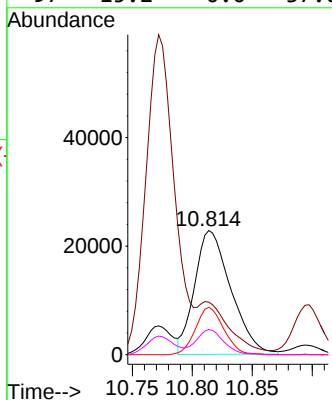
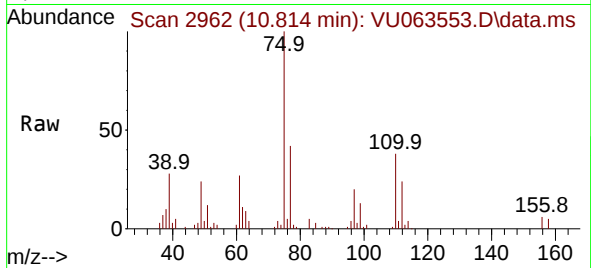




#71
1,2,3-Trichloropropane
Concen: 14.163 ug/l
RT: 10.814 min Scan# 2963
Delta R.T. -0.003 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

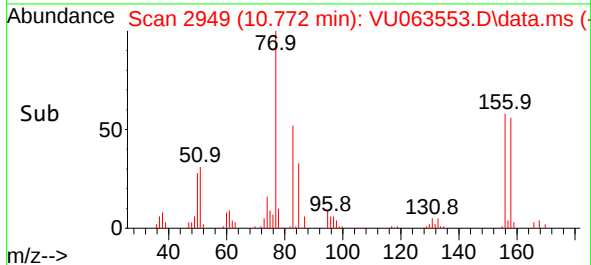
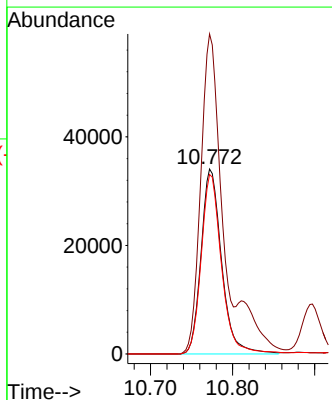
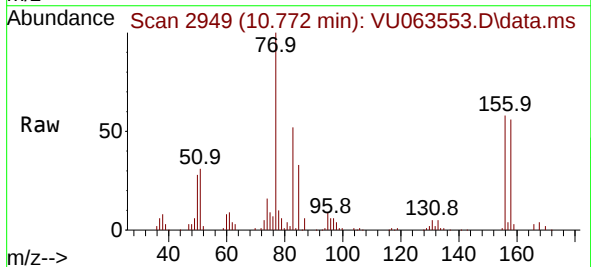
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

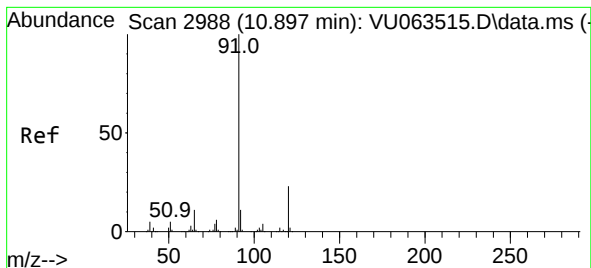
Tgt Ion: 75	Resp: 47947
Ion Ratio	Lower Upper
75 100	
77 0.0	0.0 0.0
110 30.0	0.0 73.2
97 15.2	0.0 37.6



#72
Bromobenzene
Concen: 11.214 ug/l
RT: 10.772 min Scan# 2949
Delta R.T. -0.003 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

Tgt Ion: 156	Resp: 59178
Ion Ratio	Lower Upper
156 100	
77 165.3	0.0 315.2
158 96.2	0.0 195.4





#73

n-propylbenzene

Concen: 11.692 ug/l

RT: 10.897 min Scan# 2988

Delta R.T. -0.000 min

Lab File: VU063553.D

Acq: 21 Jul 2025 19:14

Instrument :

MSVOA_U

ClientSampleId :

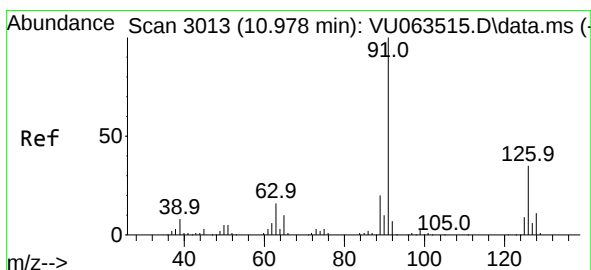
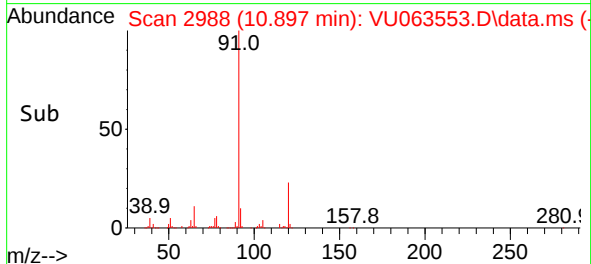
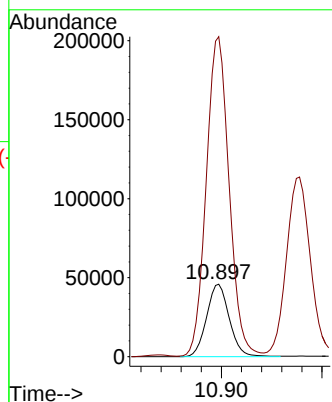
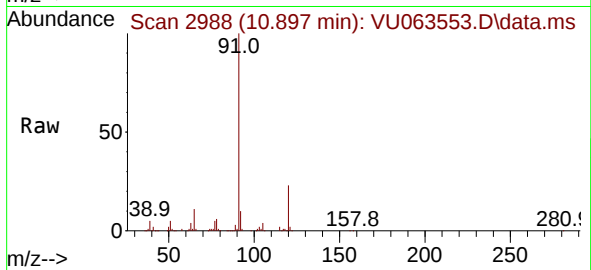
VSTDCCC010EC

Tgt Ion:120 Resp: 71969

Ion Ratio Lower Upper

120 100

91 443.8 343.1 514.7



#74

2-Chlorotoluene

Concen: 11.504 ug/l

RT: 10.978 min Scan# 3013

Delta R.T. -0.000 min

Lab File: VU063553.D

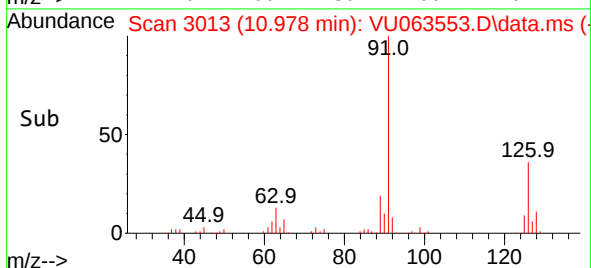
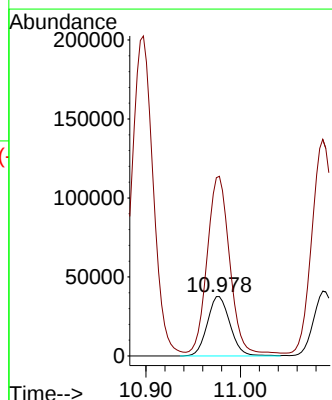
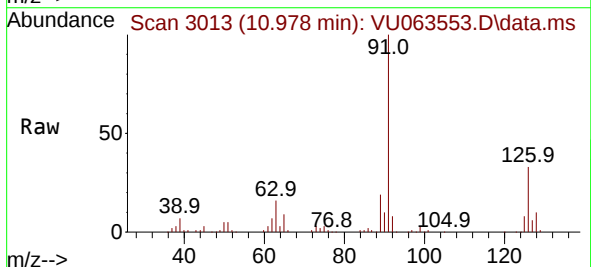
Acq: 21 Jul 2025 19:14

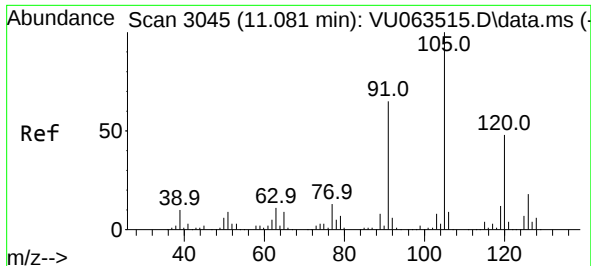
Tgt Ion:126 Resp: 62587

Ion Ratio Lower Upper

126 100

91 303.2 0.0 606.0

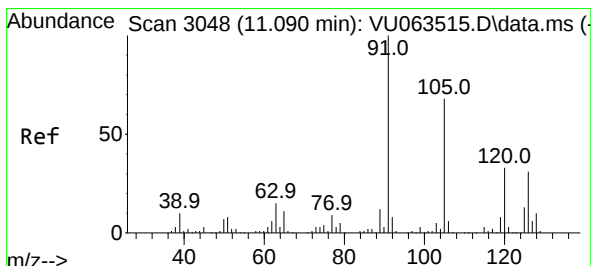
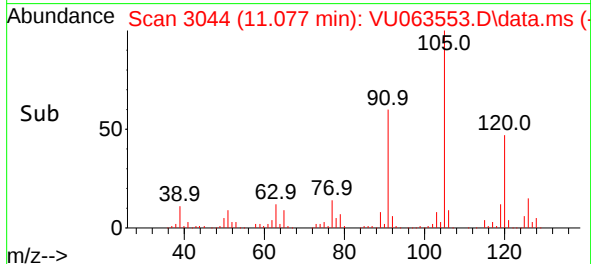
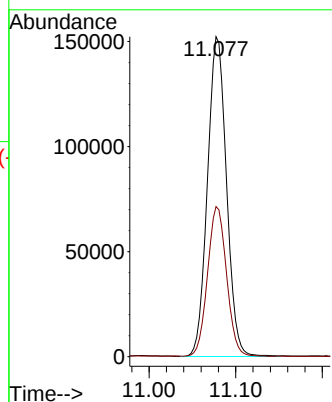
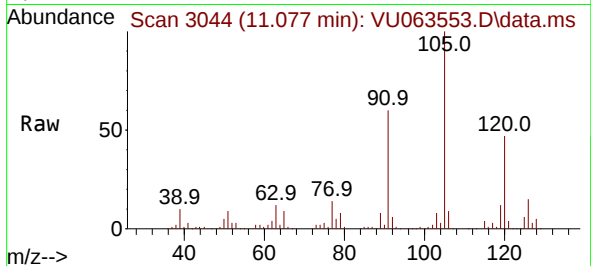




#75
1,3,5-Trimethylbenzene
Concen: 11.908 ug/l
RT: 11.077 min Scan# 3044
Delta R.T. -0.003 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

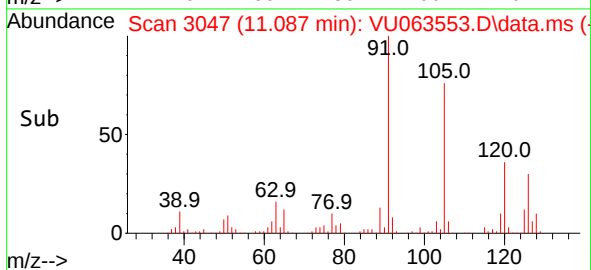
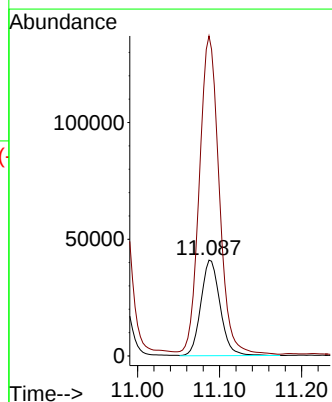
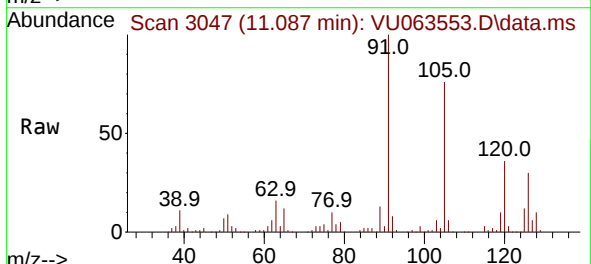
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

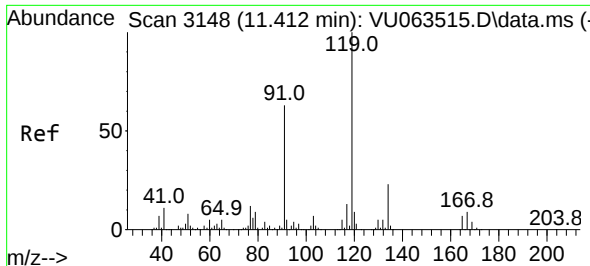
Tgt Ion:105 Resp: 232624
Ion Ratio Lower Upper
105 100
120 46.7 37.8 56.8



#76
4-Chlorotoluene
Concen: 12.029 ug/l
RT: 11.087 min Scan# 3047
Delta R.T. -0.003 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

Tgt Ion:126 Resp: 66456
Ion Ratio Lower Upper
126 100
91 343.8 0.0 682.2

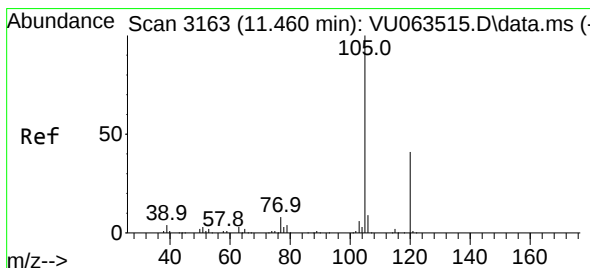
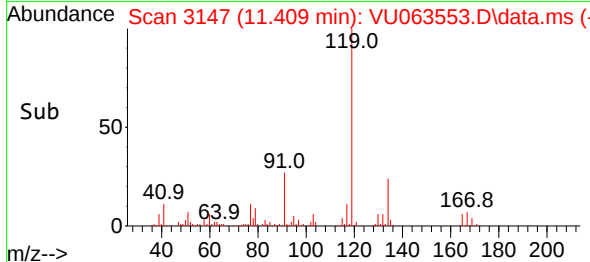
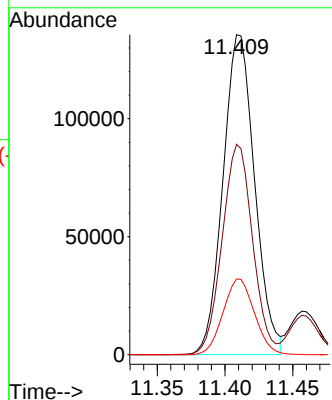
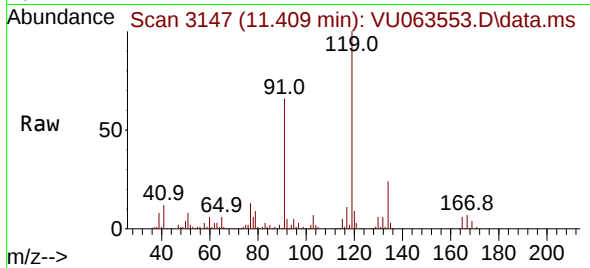




#77
tert-Butylbenzene
Concen: 11.810 ug/l
RT: 11.409 min Scan# 3147
Delta R.T. -0.003 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

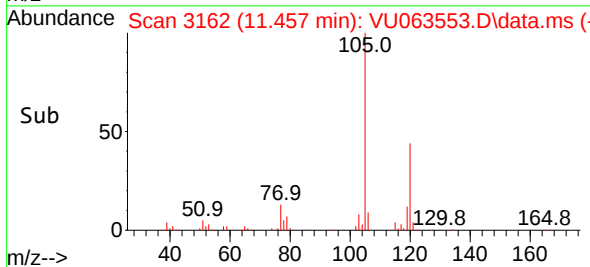
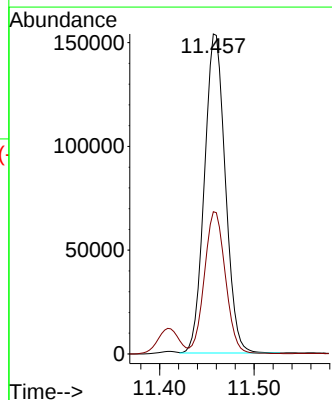
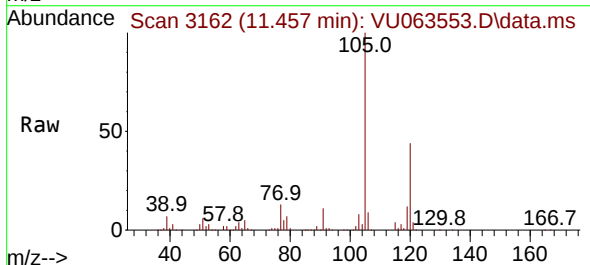
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

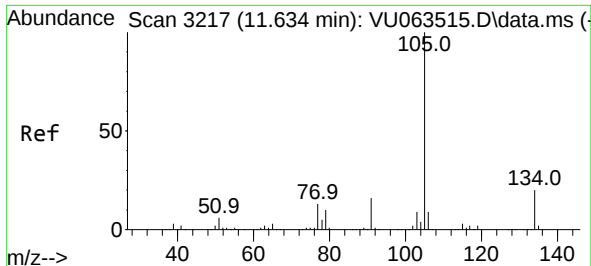
Tgt Ion:119 Resp: 220480
Ion Ratio Lower Upper
119 100
91 63.2 30.7 92.1
134 23.4 18.5 27.7



#78
1,2,4-Trimethylbenzene
Concen: 12.161 ug/l
RT: 11.457 min Scan# 3162
Delta R.T. -0.003 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

Tgt Ion:105 Resp: 235693
Ion Ratio Lower Upper
105 100
120 44.9 22.7 68.0





#79

sec-Butylbenzene

Concen: 12.193 ug/l

RT: 11.634 min Scan# 3217

Delta R.T. -0.000 min

Lab File: VU063553.D

Acq: 21 Jul 2025 19:14

Instrument :

MSVOA_U

ClientSampleId :

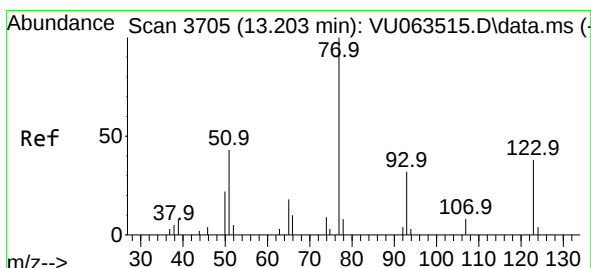
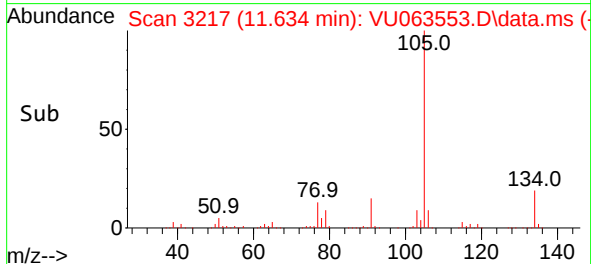
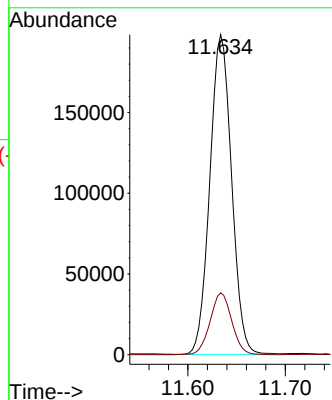
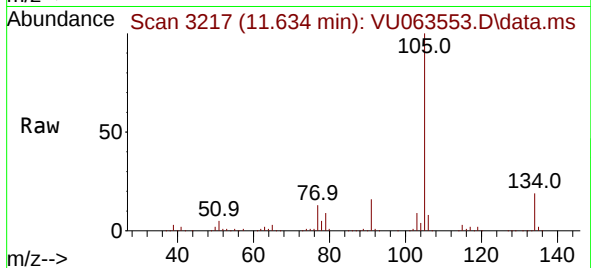
VSTDCCC010EC

Tgt Ion:105 Resp: 306974

Ion Ratio Lower Upper

105 100

134 19.3 16.2 24.4



#80

Nitrobenzene

Concen: 36.777 ug/l

RT: 13.203 min Scan# 3705

Delta R.T. -0.000 min

Lab File: VU063553.D

Acq: 21 Jul 2025 19:14

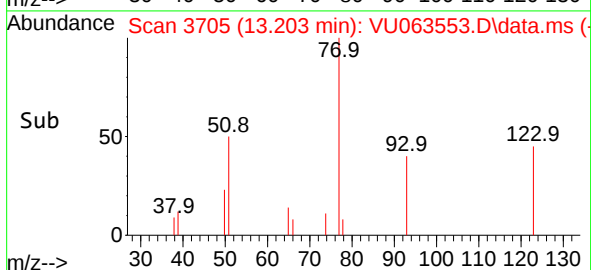
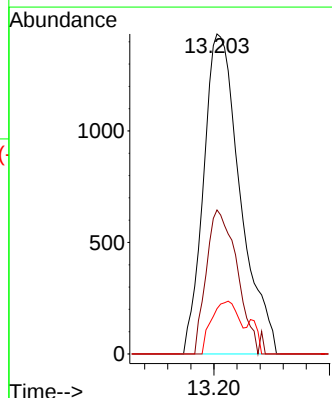
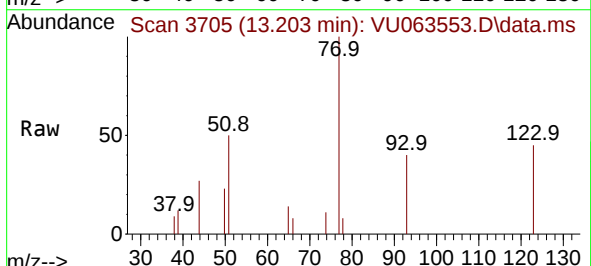
Tgt Ion: 77 Resp: 3154

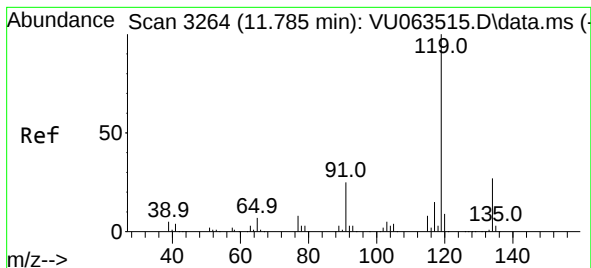
Ion Ratio Lower Upper

77 100

123 38.1 16.9 59.7

65 8.3 16.5 20.9#





#81

p-Isopropyltoluene

Concen: 11.934 ug/l

RT: 11.785 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU063553.D

Acq: 21 Jul 2025 19:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

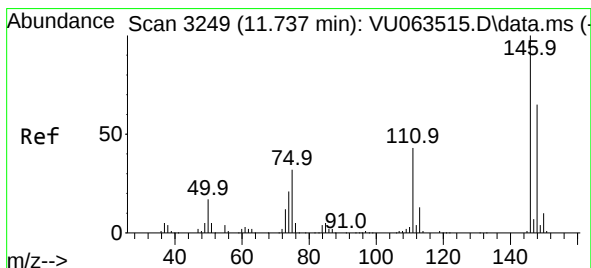
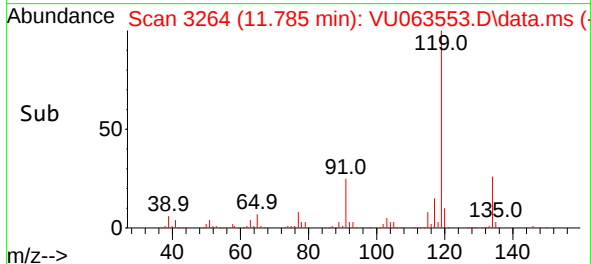
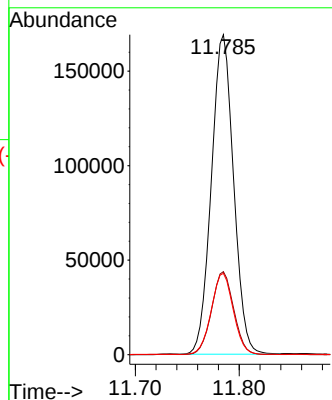
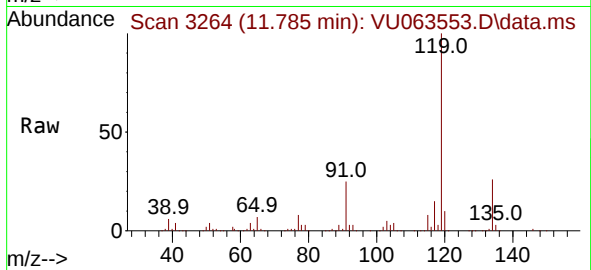
Tgt Ion:119 Resp: 250793

Ion Ratio Lower Upper

119 100

134 25.7 21.1 31.7

91 25.0 19.8 29.8



#82

1,3-Dichlorobenzene

Concen: 11.548 ug/l

RT: 11.736 min Scan# 3249

Delta R.T. -0.000 min

Lab File: VU063553.D

Acq: 21 Jul 2025 19:14

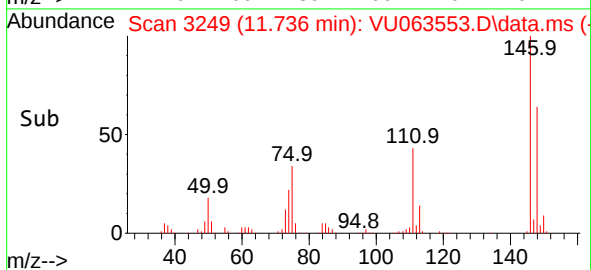
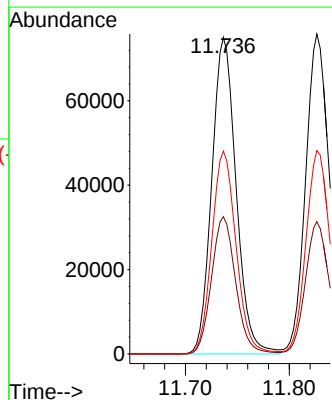
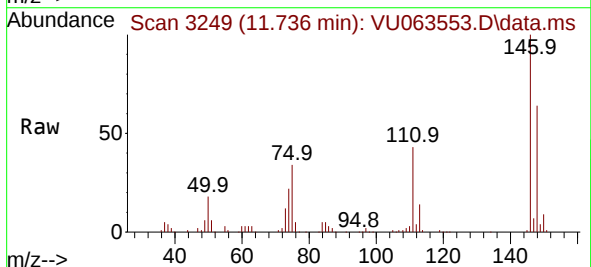
Tgt Ion:146 Resp: 121938

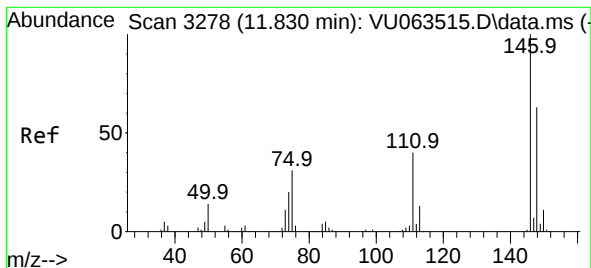
Ion Ratio Lower Upper

146 100

111 43.0 33.8 50.6

148 64.1 51.5 77.3





#83

1,4-Dichlorobenzene

Concen: 11.582 ug/l

RT: 11.826 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU063553.D

Acq: 21 Jul 2025 19:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

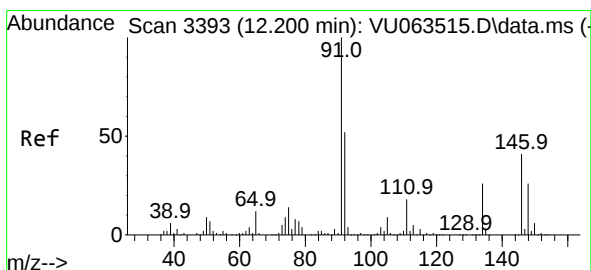
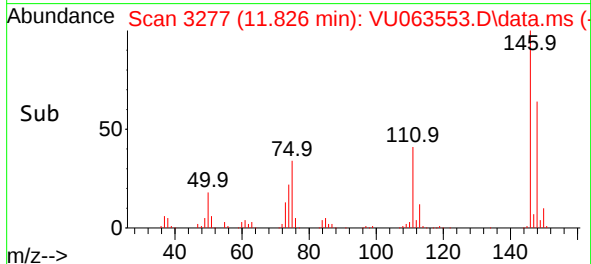
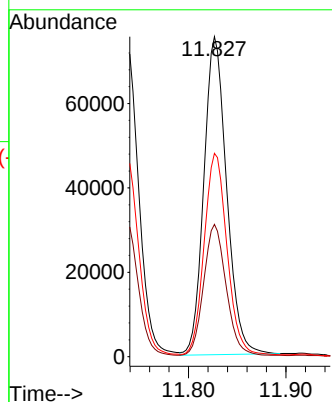
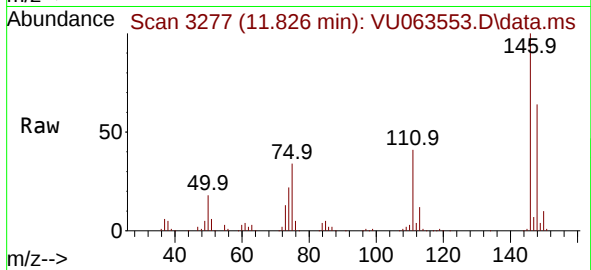
Tgt Ion:146 Resp: 122418

Ion Ratio Lower Upper

146 100

111 41.1 32.0 48.0

148 63.9 50.2 75.2



#84

n-Butylbenzene

Concen: 12.903 ug/l

RT: 12.199 min Scan# 3393

Delta R.T. -0.001 min

Lab File: VU063553.D

Acq: 21 Jul 2025 19:14

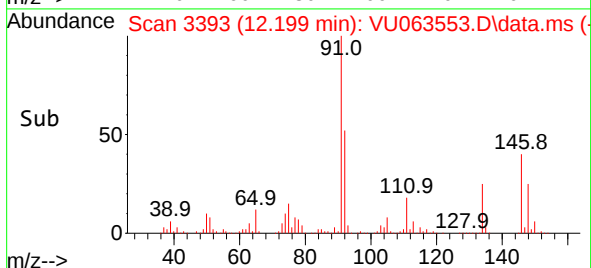
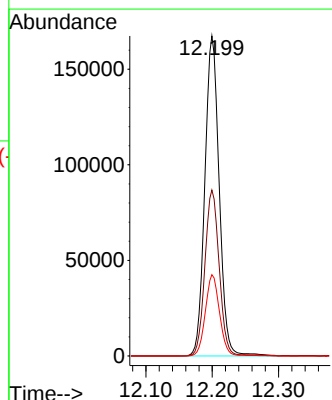
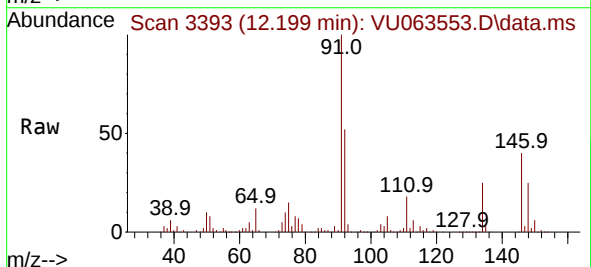
Tgt Ion: 91 Resp: 251485

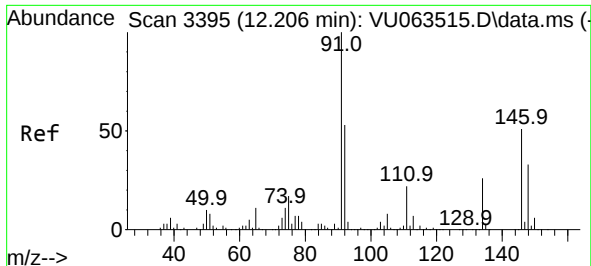
Ion Ratio Lower Upper

91 100

92 51.6 41.5 62.3

134 25.0 20.6 30.8

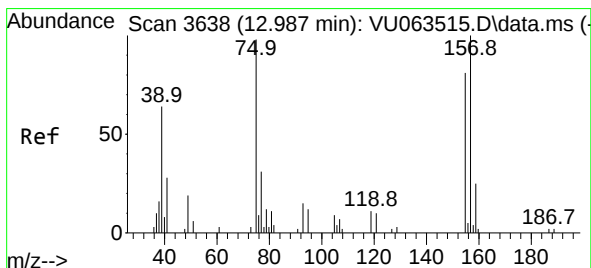
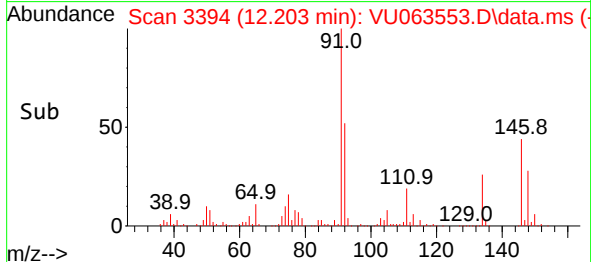
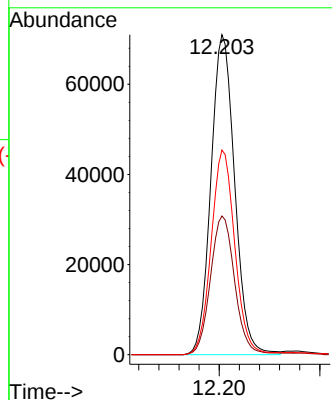
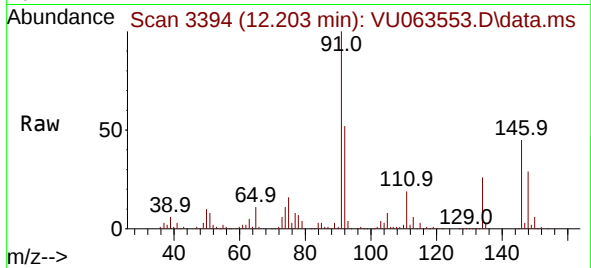




#85
1,2-Dichlorobenzene
Concen: 11.745 ug/l
RT: 12.203 min Scan# 311
Delta R.T. -0.003 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

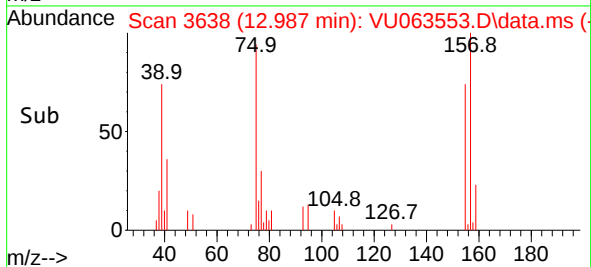
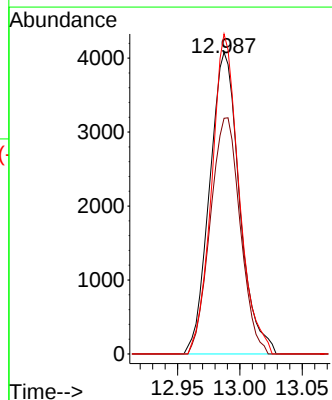
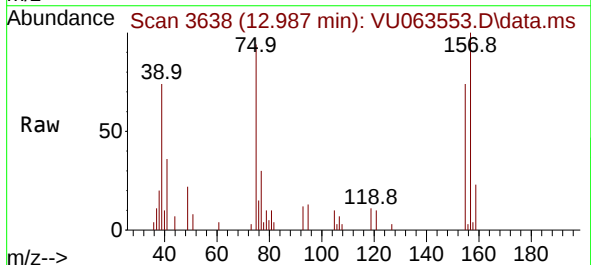
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

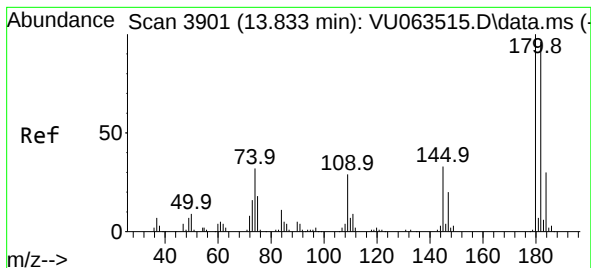
Tgt Ion:146 Resp: 116506
Ion Ratio Lower Upper
146 100
111 44.5 21.7 65.1
148 63.8 31.8 95.3



#86
1,2-Dibromo-3-Chloropropane
Concen: 9.721 ug/l
RT: 12.987 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VU063553.D
Acq: 21 Jul 2025 19:14

Tgt Ion: 75 Resp: 6805
Ion Ratio Lower Upper
75 100
155 78.2 65.8 98.6
157 97.0 81.4 122.2





#87

1,2,4-Trichlorobenzene

Concen: 11.141 ug/l

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU063553.D

Acq: 21 Jul 2025 19:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

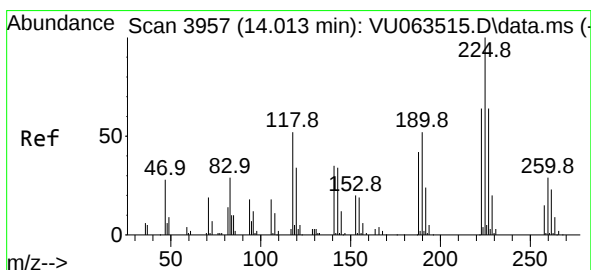
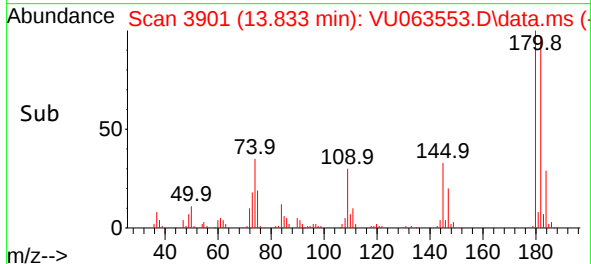
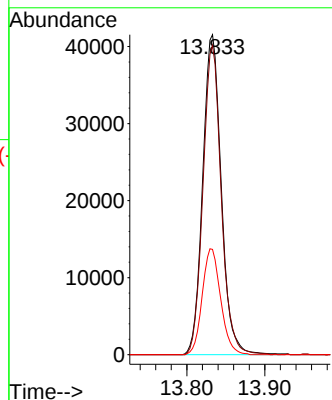
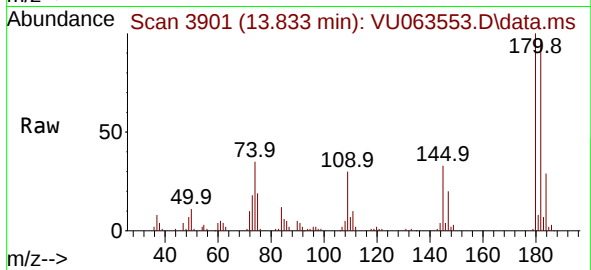
Tgt Ion:180 Resp: 68729

Ion Ratio Lower Upper

180 100

182 94.8 76.2 114.4

145 32.8 26.2 39.2



#88

Hexachlorobutadiene

Concen: 10.922 ug/l

RT: 14.013 min Scan# 3957

Delta R.T. -0.000 min

Lab File: VU063553.D

Acq: 21 Jul 2025 19:14

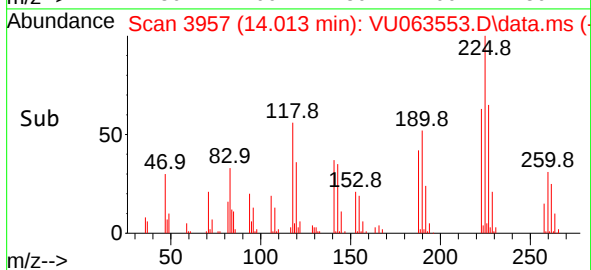
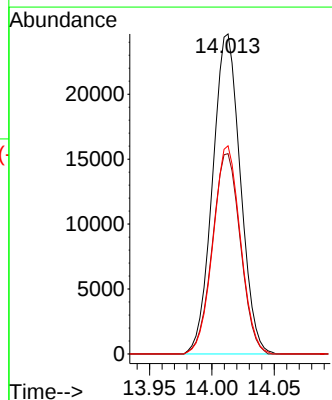
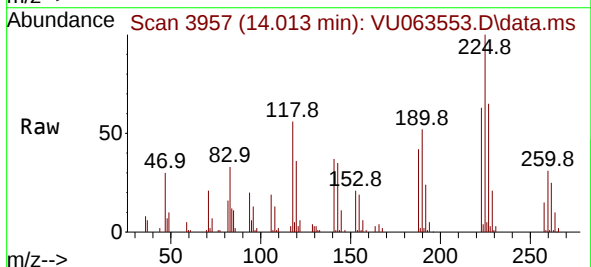
Tgt Ion:225 Resp: 38263

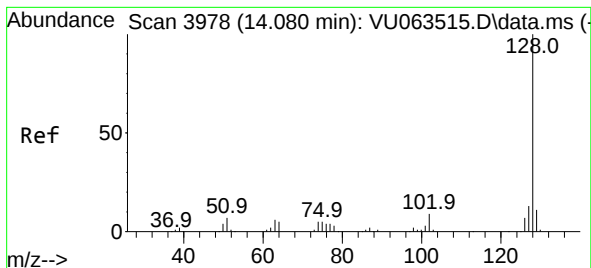
Ion Ratio Lower Upper

225 100

223 63.0 50.8 76.2

227 64.1 51.0 76.6





#89

Naphthalene

Concen: 11.758 ug/l

RT: 14.080 min Scan# 3978

Delta R.T. 0.000 min

Lab File: VU063553.D

Acq: 21 Jul 2025 19:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

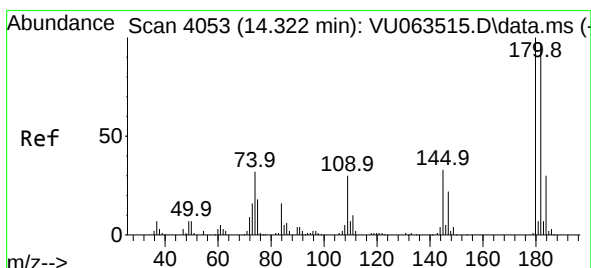
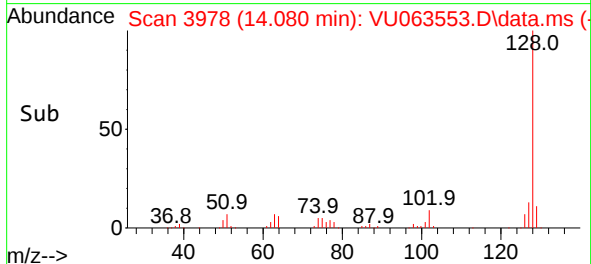
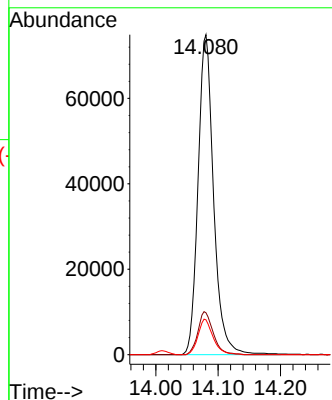
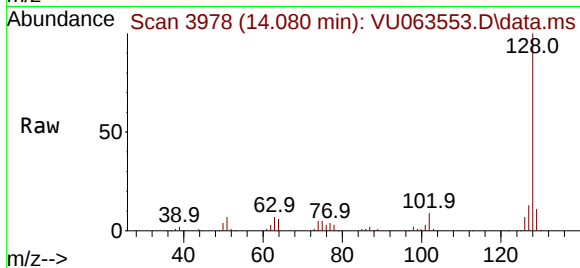
Tgt Ion:128 Resp: 129971

Ion Ratio Lower Upper

128 100

127 13.3 10.2 15.4

129 10.7 8.8 13.2



#90

1,2,3-Trichlorobenzene

Concen: 13.566 ug/l

RT: 14.322 min Scan# 4053

Delta R.T. -0.000 min

Lab File: VU063553.D

Acq: 21 Jul 2025 19:14

Tgt Ion:180 Resp: 77336

Ion Ratio Lower Upper

180 100

182 94.7 78.0 117.0

145 33.8 27.3 40.9

