

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062325\
 Data File : VU063422.D
 Acq On : 23 Jun 2025 11:08
 Operator : MD/SY
 Sample : VSTDICC002
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC002

Quant Time: Jun 24 04:40:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U062325DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Jun 24 03:53:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.103	96	54019	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	19109	0.963	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	19383	0.973	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	39449	1.901	ug/l	97
3) Chloromethane	1.518	50	52592	1.924	ug/l	98
4) Vinyl Chloride	1.599	62	45159	1.929	ug/l	98
5) Bromomethane	1.850	94	22589	2.015	ug/l	100
6) Chloroethane	1.927	64	27477	1.982	ug/l	98
7) Trichlorofluoromethane	2.129	101	51245	1.920	ug/l	93
8) 1,1,2-Trichloro-1,2,2-...	2.570	101	27218	1.915	ug/l	99
9) 1,1-Dichloroethene	2.570	96	26972	1.901	ug/l	98
10) Iodomethane	2.711	142	19116	1.670	ug/l	99
11) Allyl Chloride	2.911	41	48285	1.911	ug/l	99
12) Acrylonitrile	3.309	53	16265	3.969	ug/l	95
13) Acetone	2.618	43	29479	8.163	ug/l	96
14) Carbon Disulfide	2.779	76	94789	1.916	ug/l	99
15) Methylene Chloride	3.030	84	33403	1.858	ug/l	95
16) trans-1,2-Dichloroethene	3.335	96	29488	1.848	ug/l	99
17) 1,1-Dichloroethane	3.850	63	64418	1.922	ug/l	99
18) 2-Butanone	4.718	43	49464	8.649	ug/l	98
19) Cyclohexane	5.361	56	47969	1.892	ug/l	98
20) Methylcyclohexane	6.747	83	40244	1.718	ug/l	95
21) 2,2-Dichloropropane	4.644	77	44558	1.871	ug/l	99
22) cis-1,2-Dichloroethene	4.650	96	33319	1.913	ug/l	95
23) Diethyl Ether	2.371	59	25482	1.991	ug/l	96
24) tert-Butyl Alcohol	3.194	59	26580	19.715	ug/l	98
25) Methyl tert-Butyl Ether	3.361	73	72920	1.890	ug/l	100
26) Bromochloromethane	4.959	128	12706	1.874	ug/l	95
27) Chloroform	5.071	83	60003	1.910	ug/l	98
28) 1,1,1-Trichloroethane	5.296	97	47577	1.868	ug/l	97
29) 1,1-Dichloropropene	5.505	75	43614	1.874	ug/l	100
30) Carbon Tetrachloride	5.499	117	38934	1.914	ug/l	98
31) Isopropyl Ether	3.994	45	97608	1.854	ug/l	94
32) Ethyl-t-butyl ether	4.505	59	80720	1.820	ug/l	99
33) Tert-Amyl methyl ether	5.943	73	56206	1.773	ug/l	99
34) Propionitrile	4.779	54	16424	9.928	ug/l	# 90
35) Benzene	5.759	78	131817	1.873	ug/l	100
36) 1,2-Dichloroethane	5.785	62	39373	1.913	ug/l	100
37) Trichloroethene	6.531	130	31776	1.910	ug/l	98
38) 1,2-Dichloropropane	6.782	63	36094	1.857	ug/l	98
39) Methacrylonitrile	4.978	41	11666	1.695	ug/l	95
40) Methyl acrylate	4.850	55	15749	1.626	ug/l	# 97
41) Tetrahydrofuran	5.062	42	13030	3.519	ug/l	96
42) 1-Chlorobutane	5.441	56	56293	1.705	ug/l	99
43) Dibromomethane	6.914	93	16800	1.850	ug/l	99
44) Bromodichloromethane	7.097	83	42462	1.919	ug/l	98

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 ClientSampleId :
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Quant Time: Jun 24 04:40:32 2025
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Jun 24 03:53:51 2025
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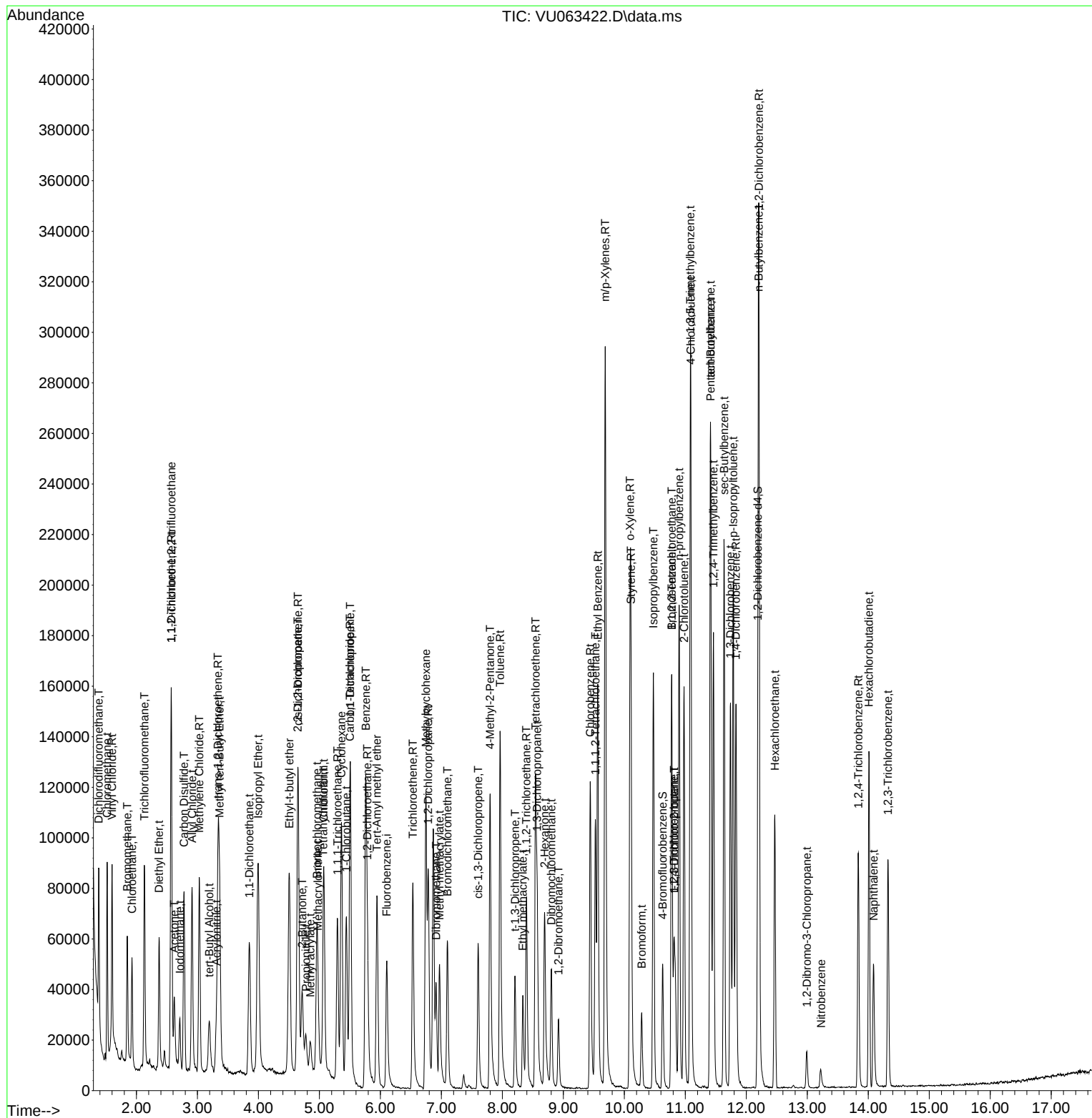
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.798	43	88768	9.105	ug/l	96
46) t-1,4-Dichloro-2-butene	10.817	75	34967	11.237	ug/l #	45
47) Methyl methacrylate	6.968	69	24280	3.592	ug/l	98
48) Ethyl methacrylate	8.335	69	21437	1.822	ug/l	99
49) Toluene	7.962	92	70315	1.820	ug/l	99
50) t-1,3-Dichloropropene	8.206	75	27776	1.741	ug/l	97
51) cis-1,3-Dichloropropene	7.602	75	38128	1.779	ug/l	99
52) 1,1,2-Trichloroethane	8.393	97	25555	1.925	ug/l	96
53) 1,3-Dichloropropane	8.570	76	42963	1.881	ug/l	100
54) 2-Hexanone	8.692	43	55985	9.161	ug/l	92
55) Dibromochloromethane	8.801	129	25585	1.868	ug/l	99
56) 1,2-Dibromoethane	8.920	107	20310	1.887	ug/l	99
58) Tetrachloroethene	8.544	164	30087	1.844	ug/l	99
59) Chlorobenzene	9.441	112	76232	1.843	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.525	131	28176	1.892	ug/l	98
61) Pentachloroethane	11.415	117	23417	1.930	ug/l	98
62) Hexachloroethane	12.467	117	21374	1.959	ug/l	97
63) Ethyl Benzene	9.563	91	116653	1.759	ug/l	99
64) m/p-Xylenes	9.685	106	89333	3.524	ug/l	97
65) o-Xylene	10.094	106	44943	1.784	ug/l	100
66) Styrene	10.110	104	69902	1.743	ug/l	98
67) Bromoform	10.283	173	14102	1.884	ug/l	96
69) Isopropylbenzene	10.476	105	105598	1.809	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.775	83	32584	1.919	ug/l	99
71) 1,2,3-Trichloropropane	10.817	75	34967	2.474	ug/l #	87
72) Bromobenzene	10.775	156	30449	1.858	ug/l	83
73) n-propylbenzene	10.898	120	31463	1.797	ug/l	98
74) 2-Chlorotoluene	10.978	126	30192	1.864	ug/l	96
75) 1,3,5-Trimethylbenzene	11.081	105	102777	1.800	ug/l	100
76) 4-Chlorotoluene	11.090	126	32426	1.911	ug/l	96
77) tert-Butylbenzene	11.412	119	97436	1.817	ug/l	99
78) 1,2,4-Trimethylbenzene	11.460	105	100388	1.780	ug/l	98
79) sec-Butylbenzene	11.634	105	141061	1.857	ug/l	99
80) Nitrobenzene	13.225	77	6204	8.936	ug/l	96
81) p-Isopropyltoluene	11.785	119	105219	1.794	ug/l	98
82) 1,3-Dichlorobenzene	11.740	146	65124	1.919	ug/l	99
83) 1,4-Dichlorobenzene	11.830	146	63422	1.802	ug/l	98
84) n-Butylbenzene	12.203	91	109491	1.761	ug/l	98
85) 1,2-Dichlorobenzene	12.206	146	61559	1.895	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.991	75	4551	1.949	ug/l	98
87) 1,2,4-Trichlorobenzene	13.836	180	30530	1.686	ug/l	97
88) Hexachlorobutadiene	14.010	225	23048	1.795	ug/l	98
89) Naphthalene	14.087	128	47683	2.039	ug/l	99
90) 1,2,3-Trichlorobenzene	14.322	180	29863	1.658	ug/l	99

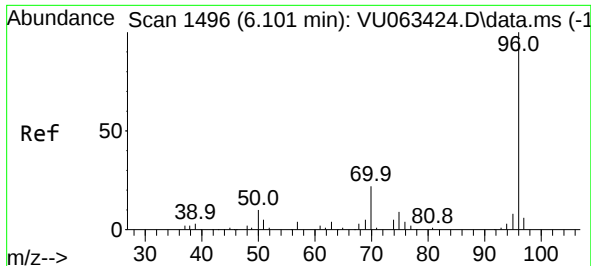
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 ALS Vial : 4 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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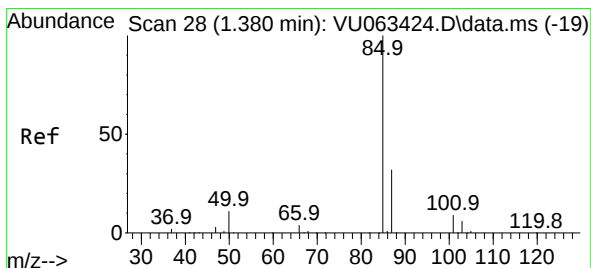
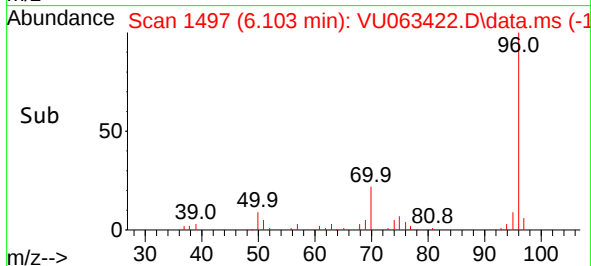
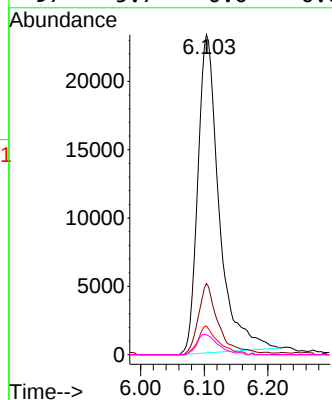
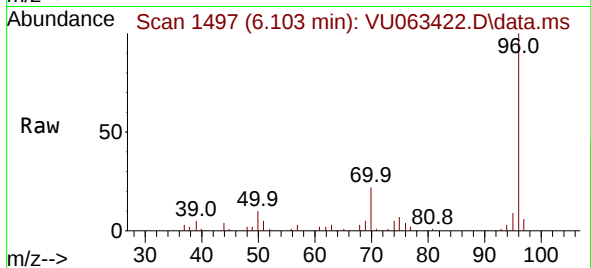




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.103 min Scan# 1496
Delta R.T. 0.002 min
Lab File: VU063422.D
Acq: 23 Jun 2025 11:08

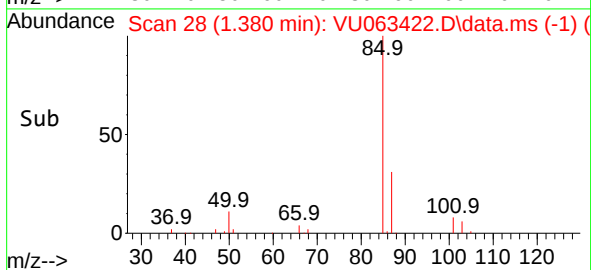
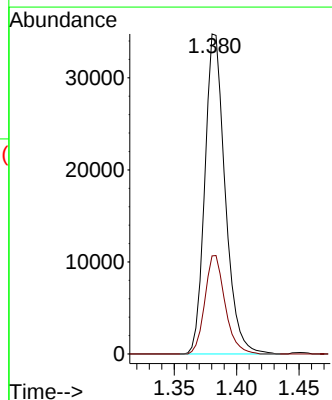
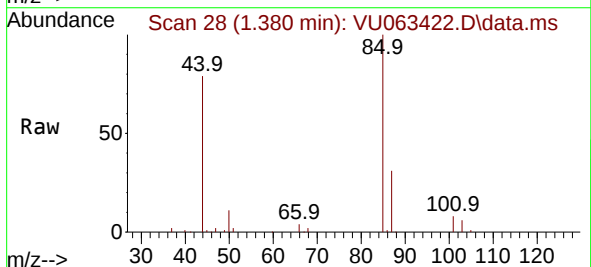
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MSVOA_U
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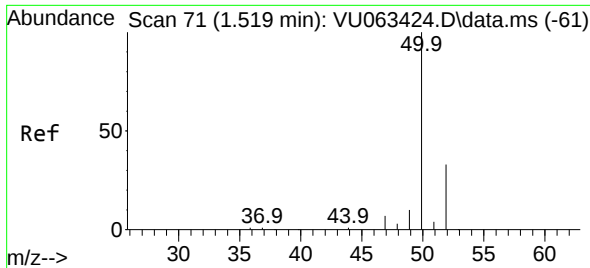
Tgt Ion: 96	Resp: 54019
Ion Ratio	Lower Upper
96 100	
70 20.1	16.4 24.6
95 8.5	6.2 9.2
97 5.7	0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 1.901 ug/l
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU063422.D
Acq: 23 Jun 2025 11:08

Tgt Ion: 85	Resp: 39449
Ion Ratio	Lower Upper
85 100	
87 30.6	16.2 48.5

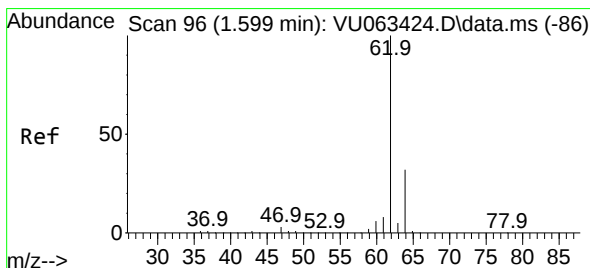
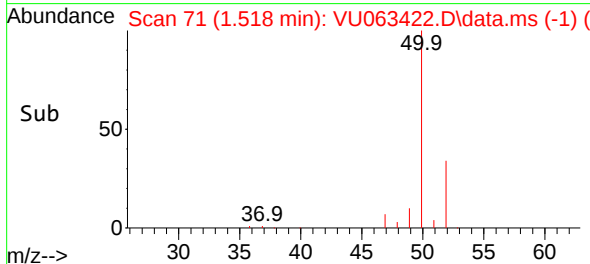
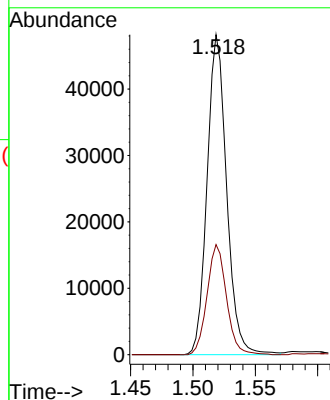
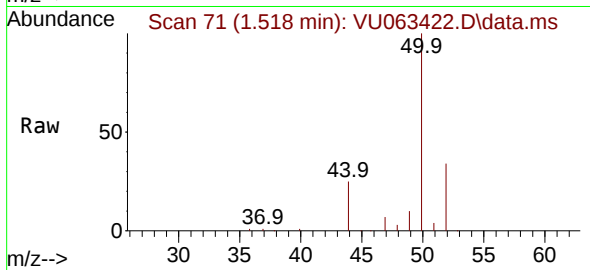




#3
Chloromethane
Concen: 1.924 ug/l
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU063422.D
Acq: 23 Jun 2025 11:08

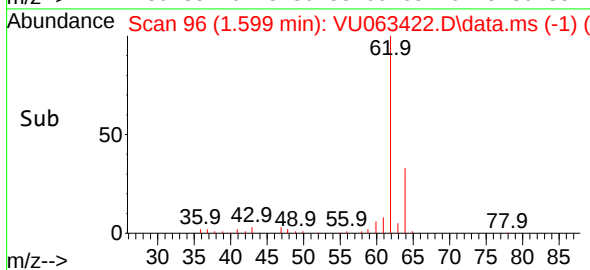
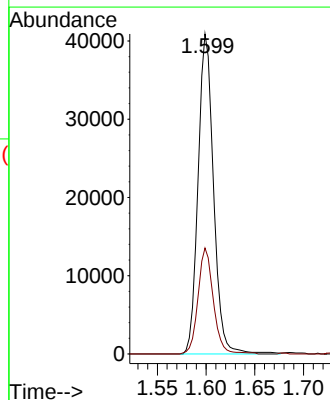
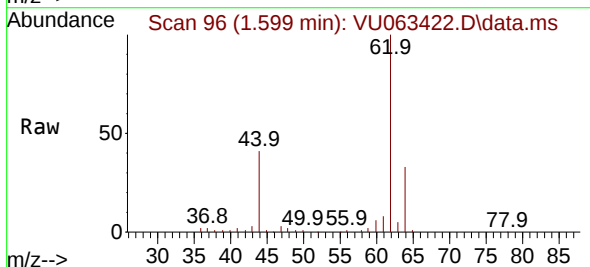
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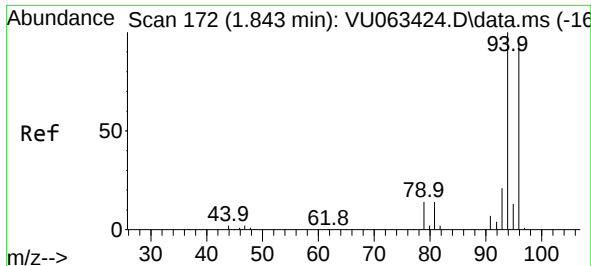
Tgt Ion: 50 Resp: 52592
Ion Ratio Lower Upper
50 100
52 34.4 26.6 40.0



#4
Vinyl Chloride
Concen: 1.929 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU063422.D
Acq: 23 Jun 2025 11:08

Tgt Ion: 62 Resp: 45159
Ion Ratio Lower Upper
62 100
64 33.1 25.7 38.5

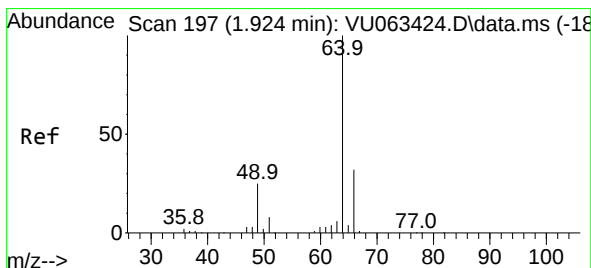
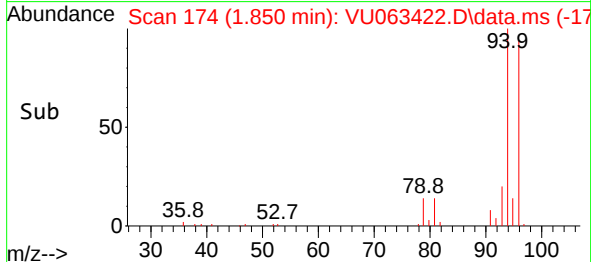
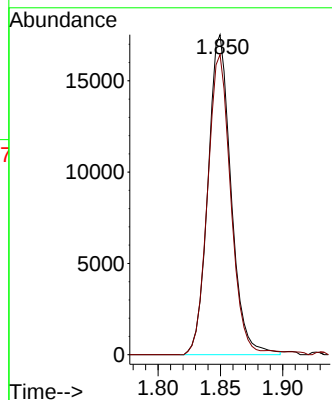
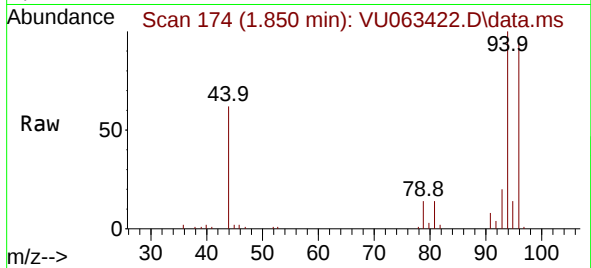




#5
Bromomethane
Concen: 2.015 ug/l
RT: 1.850 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU063422.D
Acq: 23 Jun 2025 11:08

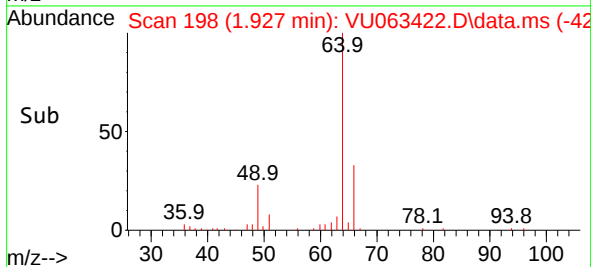
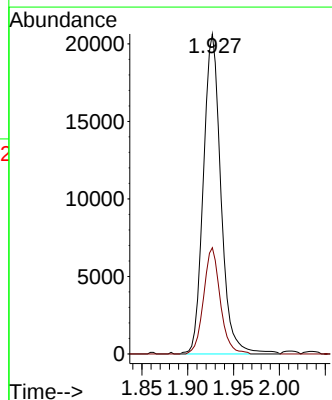
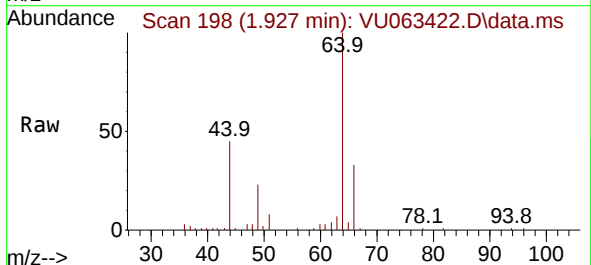
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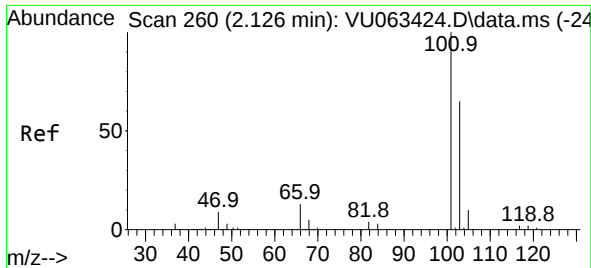
Tgt Ion: 94 Resp: 22589
Ion Ratio Lower Upper
94 100
96 93.8 74.8 112.2



#6
Chloroethane
Concen: 1.982 ug/l
RT: 1.927 min Scan# 198
Delta R.T. 0.003 min
Lab File: VU063422.D
Acq: 23 Jun 2025 11:08

Tgt Ion: 64 Resp: 27477
Ion Ratio Lower Upper
64 100
66 33.2 25.7 38.5

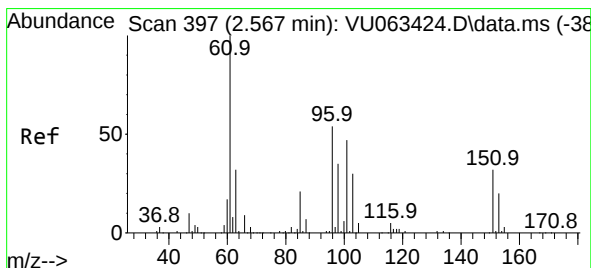
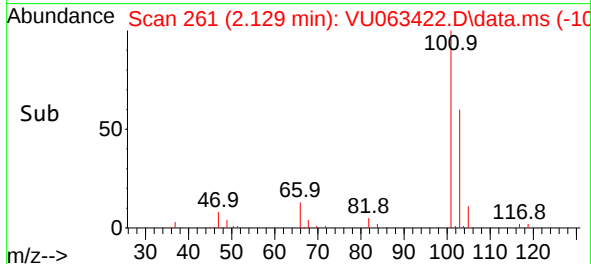
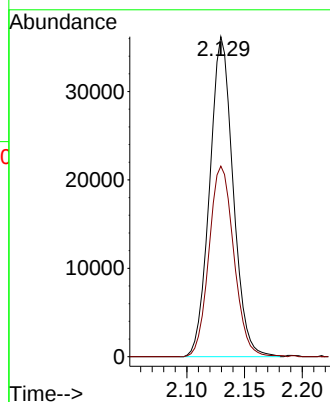
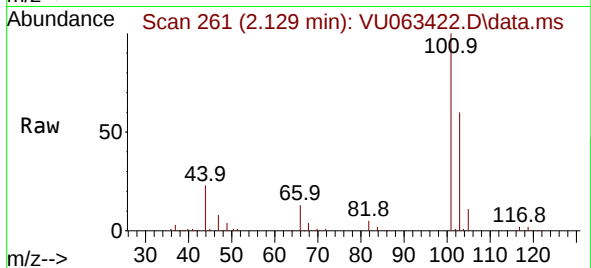




#7
 Trichlorofluoromethane
 Concen: 1.920 ug/l
 RT: 2.129 min Scan# 20
 Delta R.T. 0.003 min
 Lab File: VU063422.D
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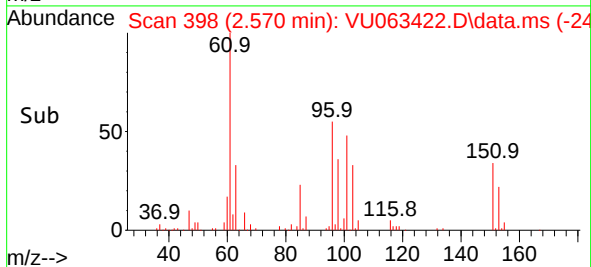
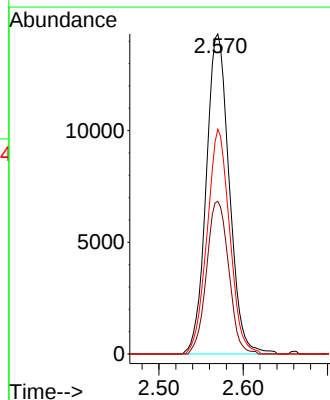
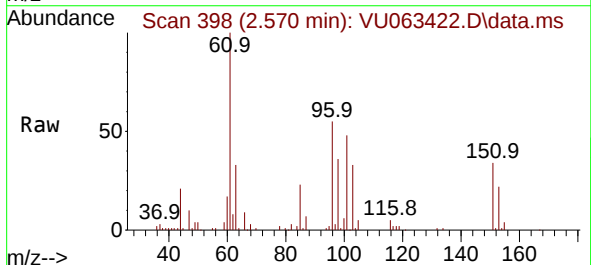
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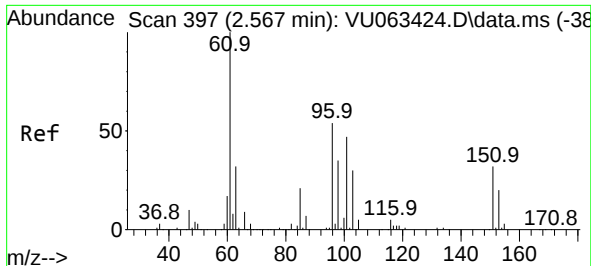
Tgt Ion:101 Resp: 51245
 Ion Ratio Lower Upper
 101 100
 103 59.5 52.3 78.5



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.915 ug/l
 RT: 2.570 min Scan# 398
 Delta R.T. 0.003 min
 Lab File: VU063422.D
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Tgt Ion:101 Resp: 27218
 Ion Ratio Lower Upper
 101 100
 85 45.8 36.7 55.1
 151 68.9 53.9 80.9

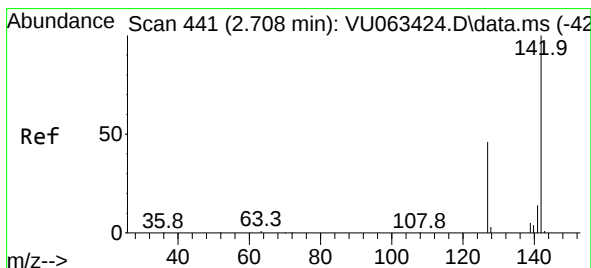
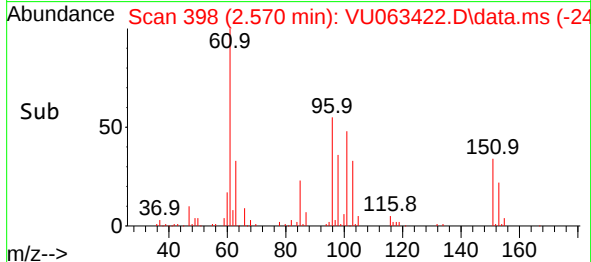
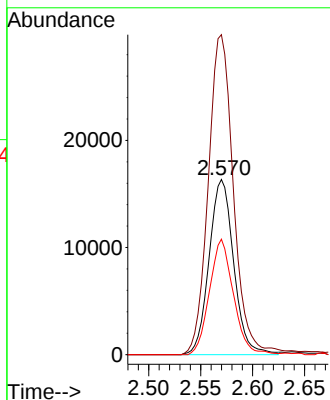
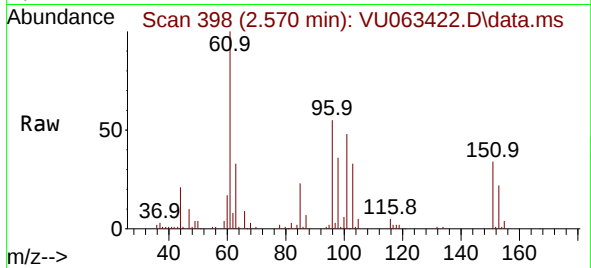




#9
1,1-Dichloroethene
Concen: 1.901 ug/l
RT: 2.570 min Scan# 397
Delta R.T. 0.003 min
Lab File: VU063422.D
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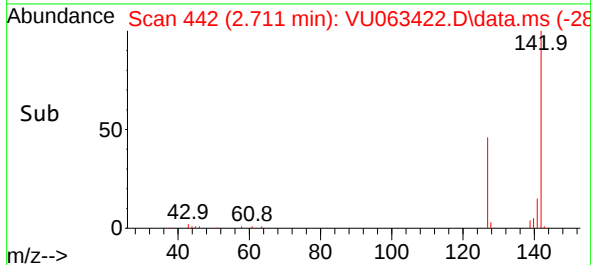
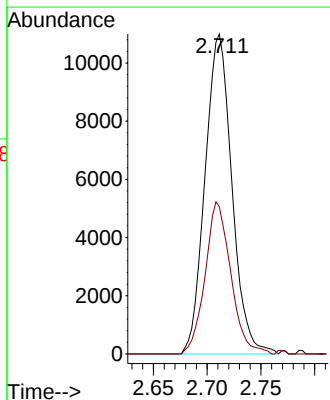
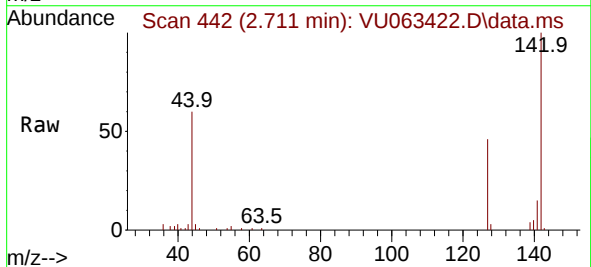
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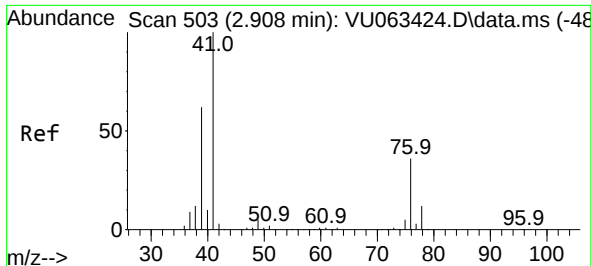
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Ion Ratio Lower Upper
96 100
61 181.7 0.0 552.0
98 65.9 0.0 128.4



#10
Iodomethane
Concen: 1.670 ug/l
RT: 2.711 min Scan# 442
Delta R.T. 0.003 min
Lab File: VU063422.D
Acq: 23 Jun 2025 11:08

Tgt Ion: 142 Resp: 19116
Ion Ratio Lower Upper
142 100
127 45.4 36.9 55.3

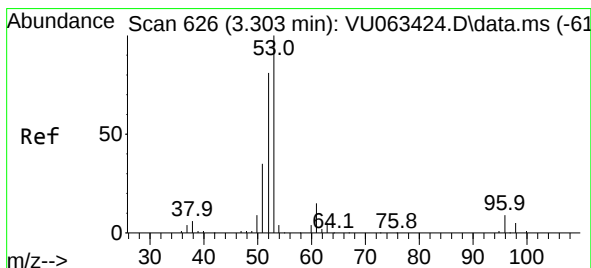
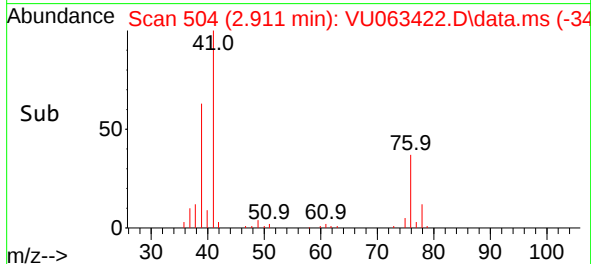
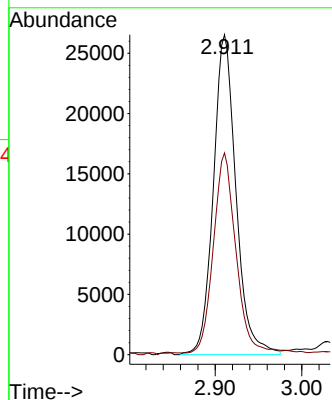
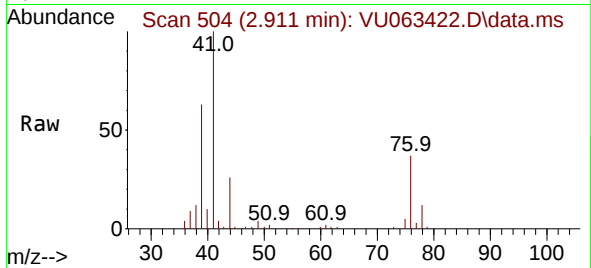




#11
 Allyl Chloride
 Concen: 1.911 ug/l
 RT: 2.911 min Scan# 503
 Delta R.T. 0.003 min
 Lab File: VU063422.D
 Acq: 23 Jun 2025 11:08

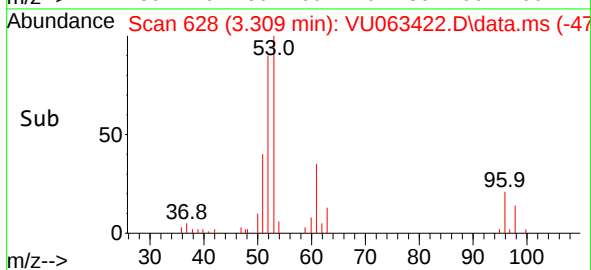
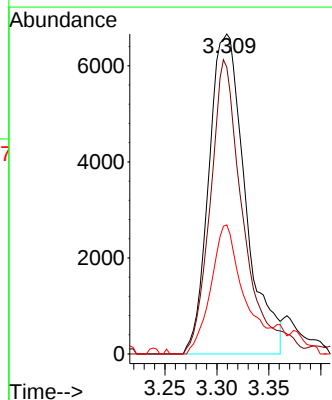
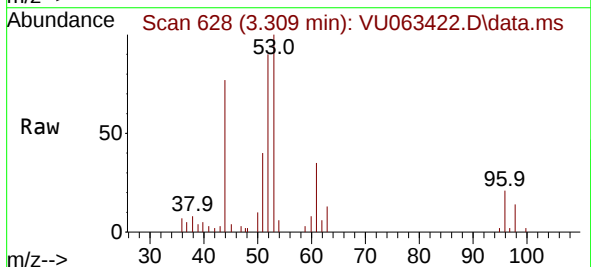
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

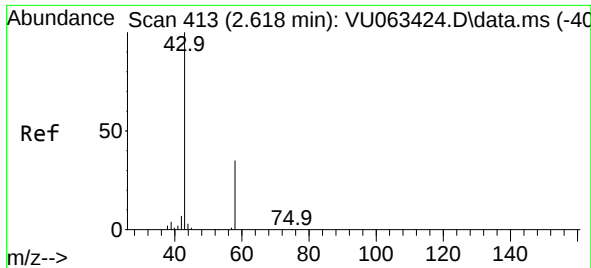
Tgt Ion: 41 Resp: 48285
 Ion Ratio Lower Upper
 41 100
 39 62.0 50.3 75.5



#12
 Acrylonitrile
 Concen: 3.969 ug/l
 RT: 3.309 min Scan# 628
 Delta R.T. 0.006 min
 Lab File: VU063422.D
 Acq: 23 Jun 2025 11:08

Tgt Ion: 53 Resp: 16265
 Ion Ratio Lower Upper
 53 100
 52 82.7 62.8 94.2
 51 35.8 26.2 39.4





#13

Acetone

Concen: 8.163 ug/l

RT: 2.618 min Scan# 413

Delta R.T. 0.000 min

Lab File: VU063422.D

Acq: 23 Jun 2025 11:08

Instrument :

MSVOA_U

ClientSampleId :

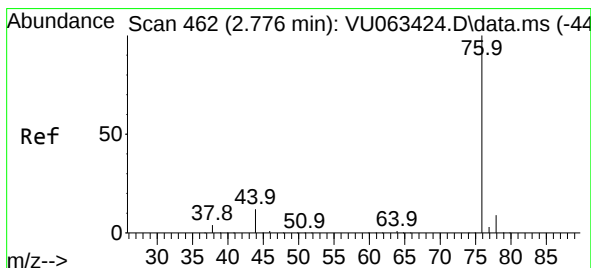
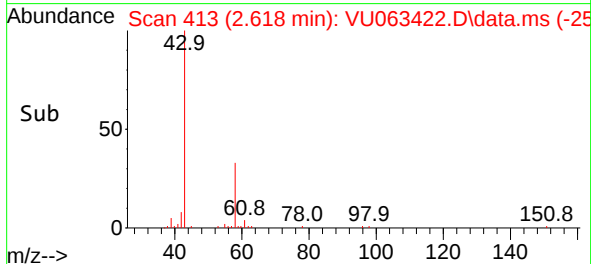
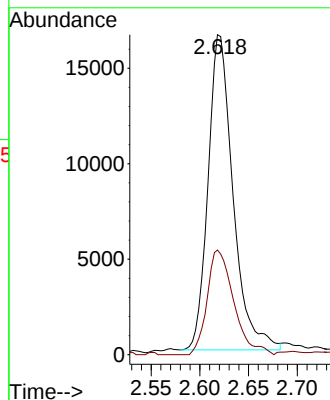
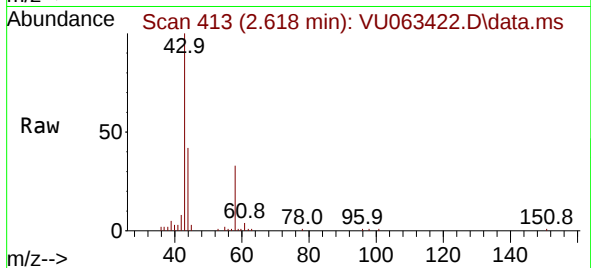
VSTDICC002

Tgt Ion: 43 Resp: 29479

Ion Ratio Lower Upper

43 100

58 33.2 28.3 42.5



#14

Carbon Disulfide

Concen: 1.916 ug/l

RT: 2.779 min Scan# 463

Delta R.T. 0.003 min

Lab File: VU063422.D

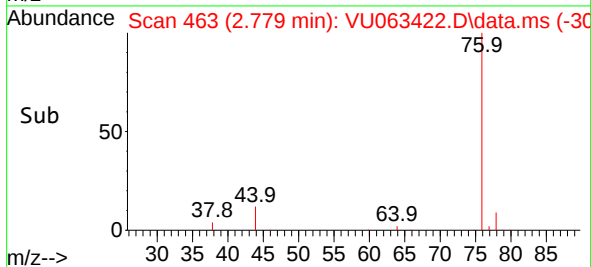
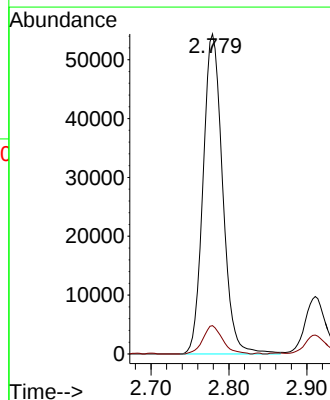
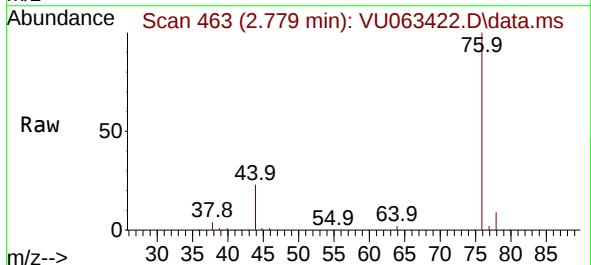
Acq: 23 Jun 2025 11:08

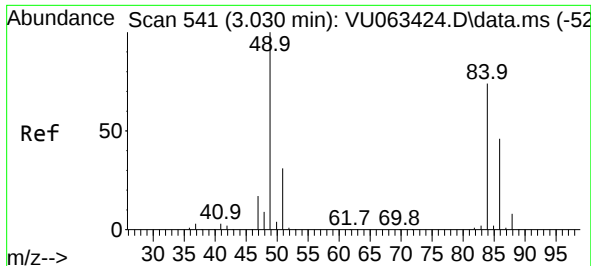
Tgt Ion: 76 Resp: 94789

Ion Ratio Lower Upper

76 100

78 8.9 6.9 10.3



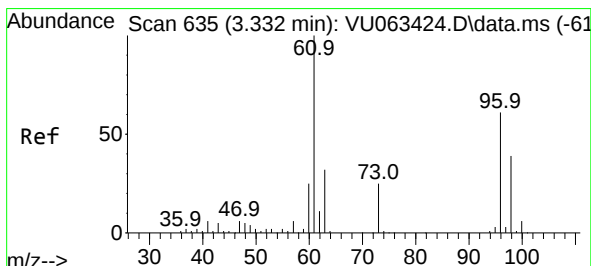
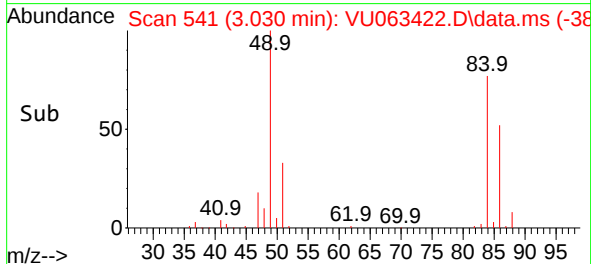
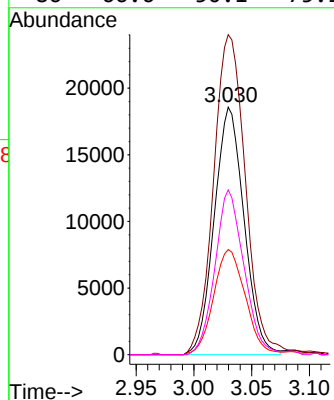
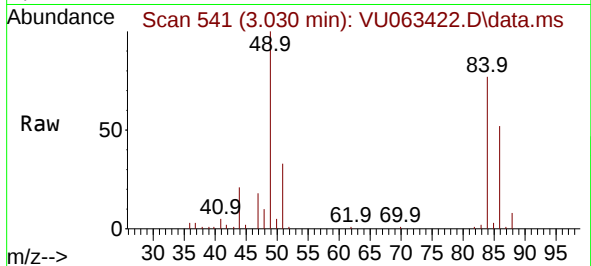


#15
Methylene Chloride
Concen: 1.858 ug/l
RT: 3.030 min Scan# 541
Delta R.T. -0.000 min
Lab File: VU063422.D
Acq: 23 Jun 2025 11:08

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion: 84 Resp: 33403

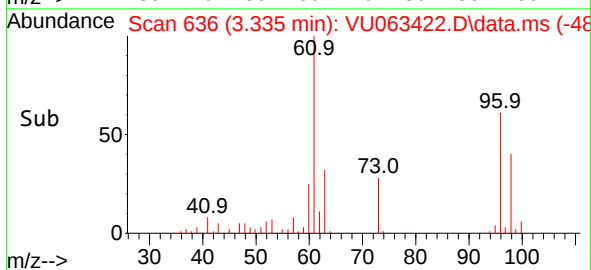
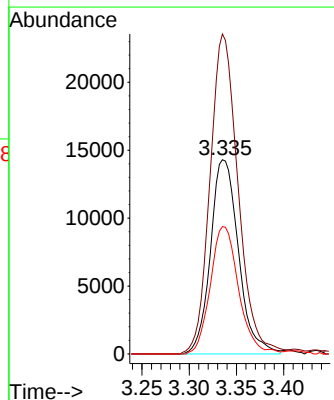
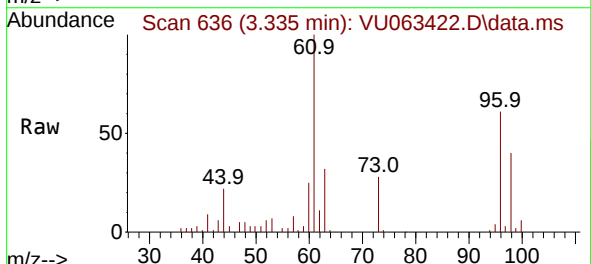
Ion	Ratio	Lower	Upper
84	100		
49	129.3	108.7	163.1
51	42.5	0.0	83.8
86	66.6	50.1	75.1



#16
trans-1,2-Dichloroethene
Concen: 1.848 ug/l
RT: 3.335 min Scan# 636
Delta R.T. 0.003 min
Lab File: VU063422.D
Acq: 23 Jun 2025 11:08

Tgt Ion: 96 Resp: 29488

Ion	Ratio	Lower	Upper
96	100		
61	164.7	132.1	198.1
98	65.5	51.0	76.4

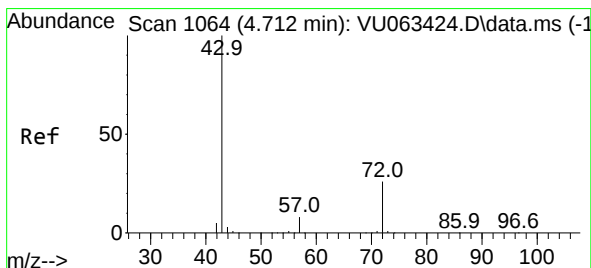
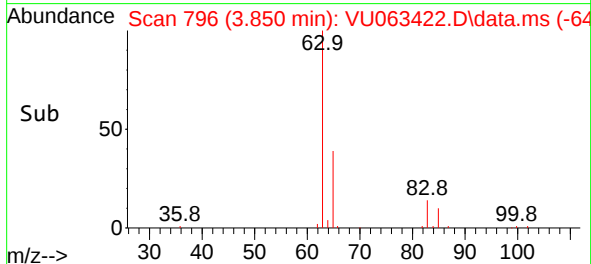
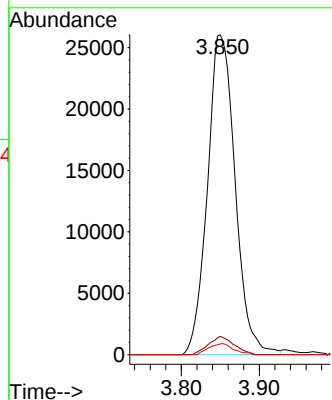
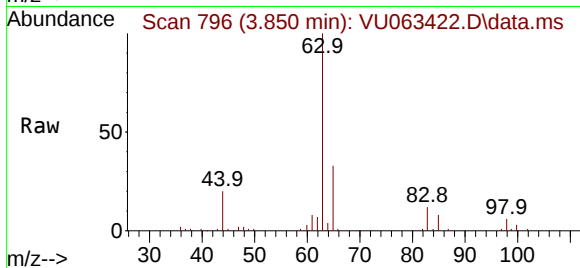




#17
1,1-Dichloroethane
Concen: 1.922 ug/l
RT: 3.850 min Scan# 796
Delta R.T. -0.000 min
Lab File: VU063422.D
Acq: 23 Jun 2025 11:08

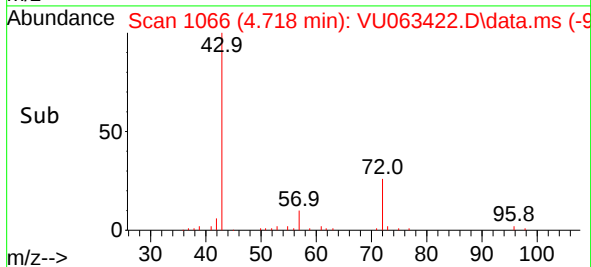
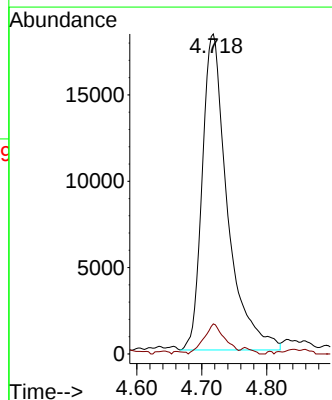
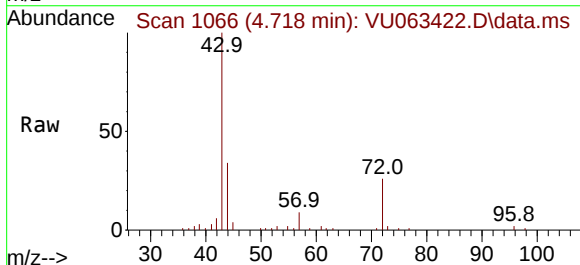
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

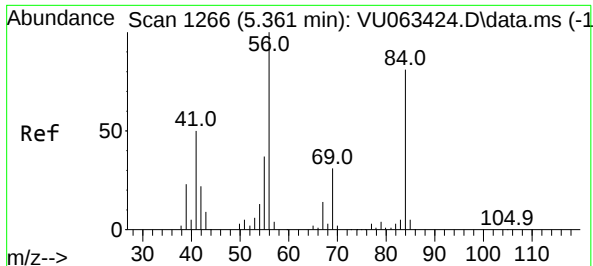
Tgt Ion: 63 Resp: 64418
Ion Ratio Lower Upper
63 100
98 5.7 2.8 8.4
100 3.3 1.9 5.7



#18
2-Butanone
Concen: 8.649 ug/l
RT: 4.718 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VU063422.D
Acq: 23 Jun 2025 11:08

Tgt Ion: 43 Resp: 49464
Ion Ratio Lower Upper
43 100
57 8.9 0.0 16.0





#19

Cyclohexane

Concen: 1.892 ug/l

RT: 5.361 min Scan# 1266

Delta R.T. -0.000 min

Lab File: VU063422.D

Acq: 23 Jun 2025 11:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

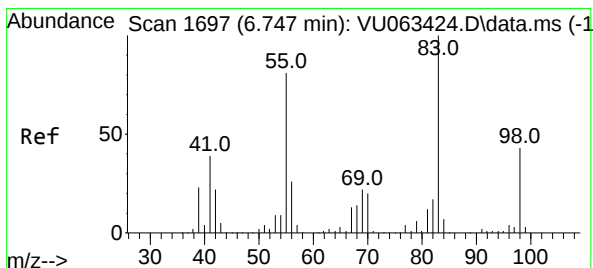
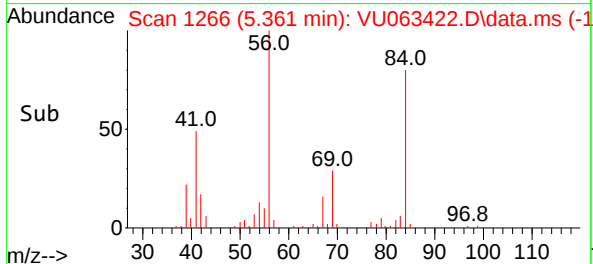
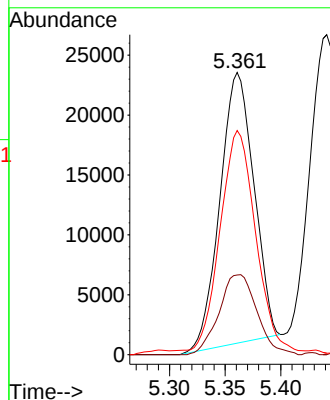
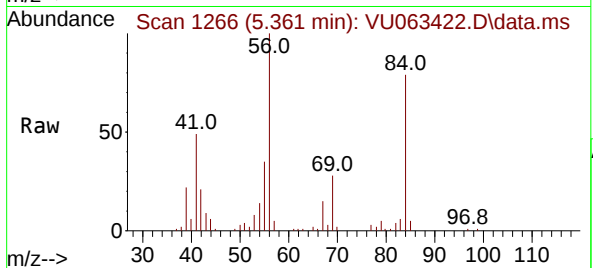
Tgt Ion: 56 Resp: 47969

Ion Ratio Lower Upper

56 100

69 32.9 26.4 39.6

84 83.5 68.6 102.8



#20

Methylcyclohexane

Concen: 1.718 ug/l

RT: 6.747 min Scan# 1697

Delta R.T. -0.000 min

Lab File: VU063422.D

Acq: 23 Jun 2025 11:08

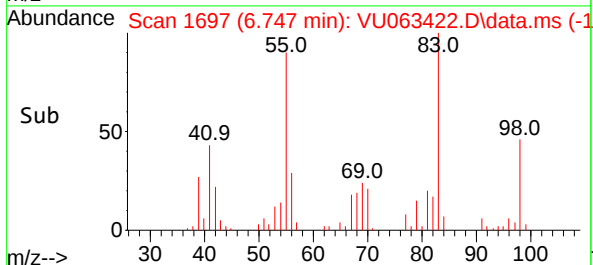
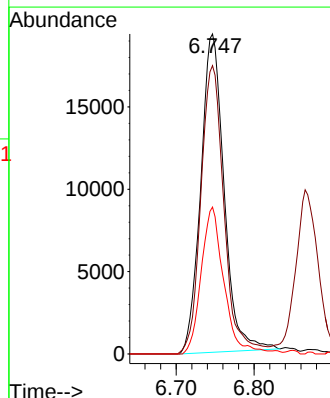
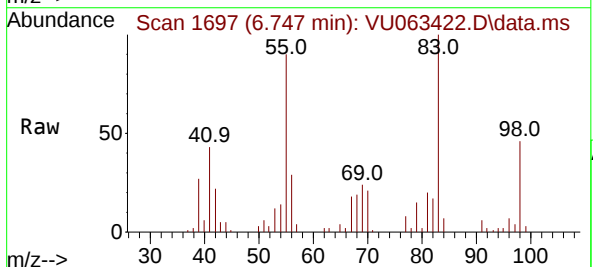
Tgt Ion: 83 Resp: 40244

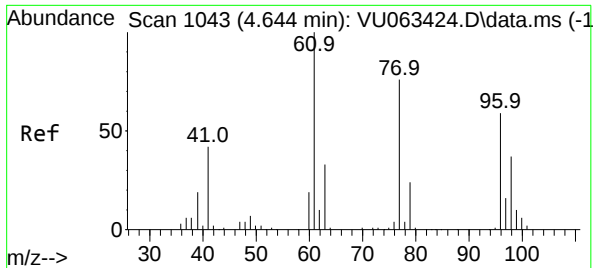
Ion Ratio Lower Upper

83 100

55 86.0 63.5 95.3

98 43.1 34.2 51.4





#21

2,2-Dichloropropane

Concen: 1.871 ug/l

RT: 4.644 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VU063422.D

Acq: 23 Jun 2025 11:08

Instrument :

MSVOA_U

ClientSampleId :

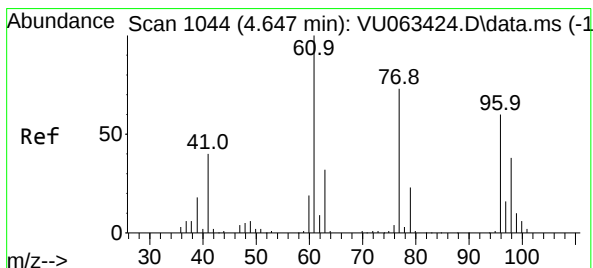
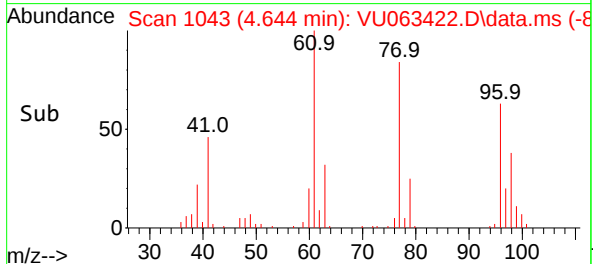
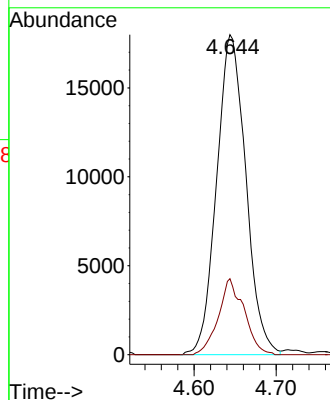
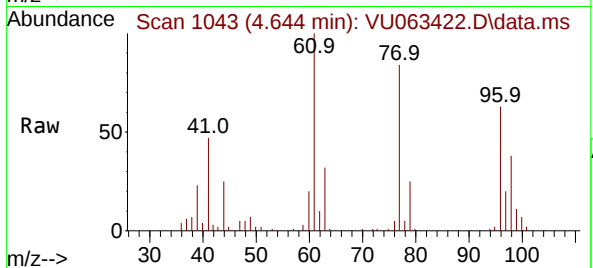
VSTDIC002

Tgt Ion: 77 Resp: 44558

Ion Ratio Lower Upper

77 100

97 21.0 17.2 25.8



#22

cis-1,2-Dichloroethene

Concen: 1.913 ug/l

RT: 4.650 min Scan# 1045

Delta R.T. 0.003 min

Lab File: VU063422.D

Acq: 23 Jun 2025 11:08

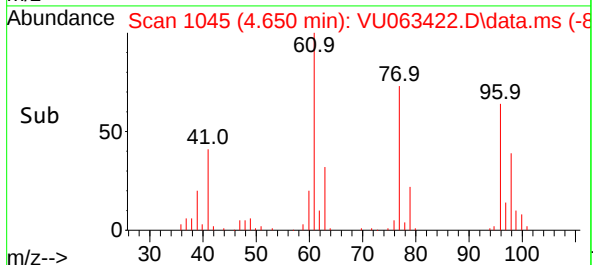
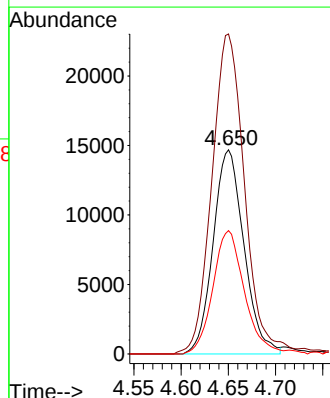
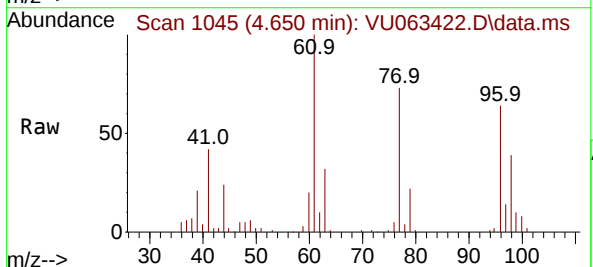
Tgt Ion: 96 Resp: 33319

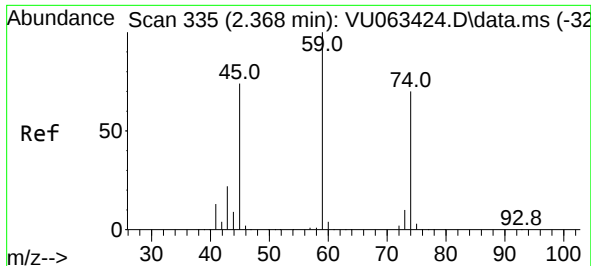
Ion Ratio Lower Upper

96 100

61 165.8 0.0 434.3

98 61.5 31.9 95.7

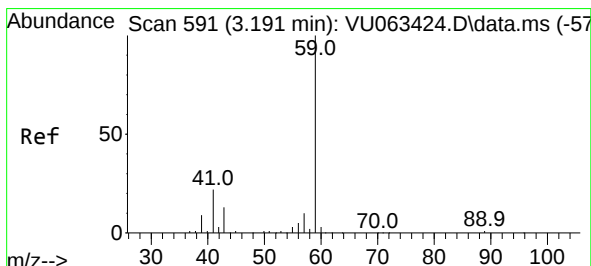
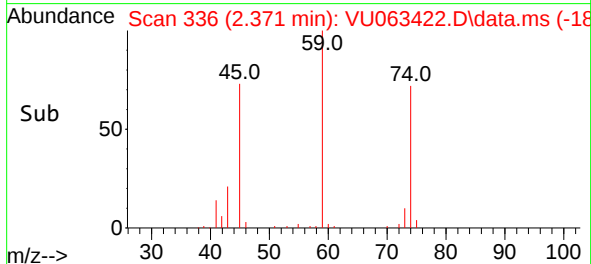
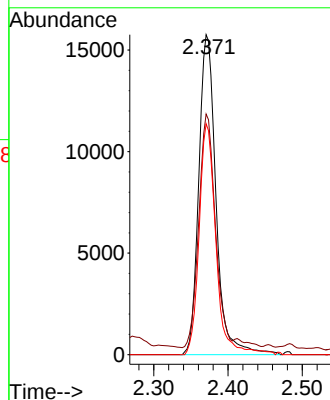
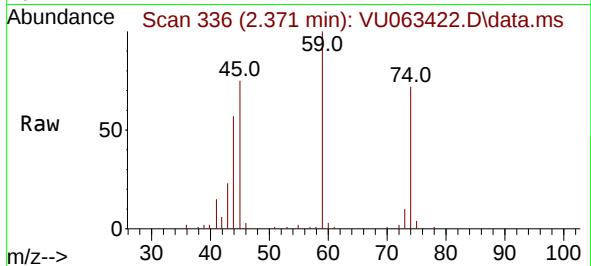




#23
Diethyl Ether
Concen: 1.991 ug/l
RT: 2.371 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU063422.D
Acq: 23 Jun 2025 11:08

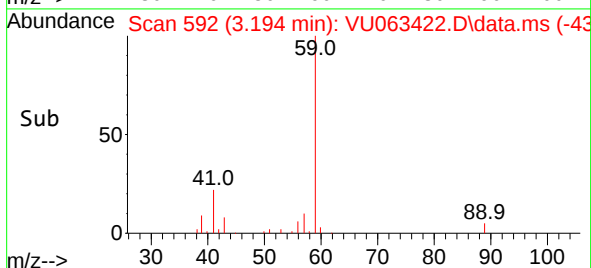
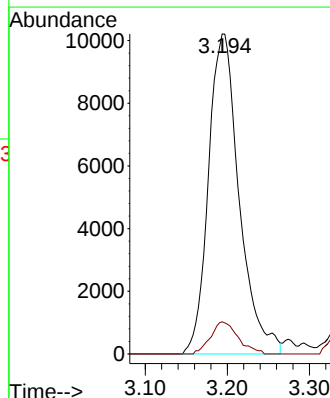
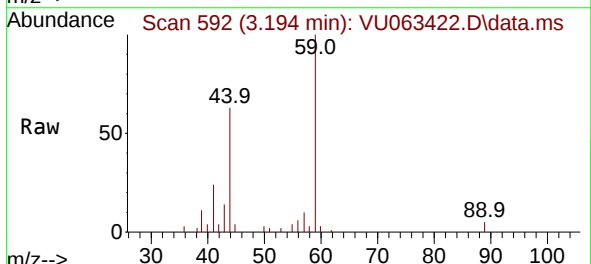
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

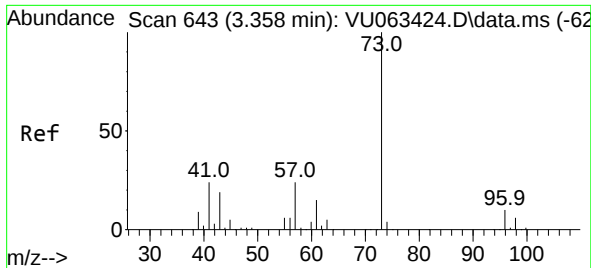
Tgt Ion: 59 Resp: 25482
Ion Ratio Lower Upper
59 100
45 69.7 60.7 91.1
74 70.3 55.8 83.6



#24
tert-Butyl Alcohol
Concen: 19.715 ug/l
RT: 3.194 min Scan# 592
Delta R.T. 0.003 min
Lab File: VU063422.D
Acq: 23 Jun 2025 11:08

Tgt Ion: 59 Resp: 26580
Ion Ratio Lower Upper
59 100
57 9.0 7.8 11.8

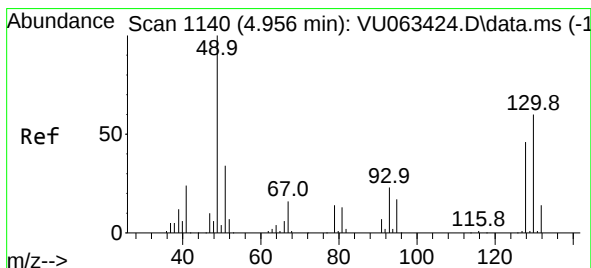
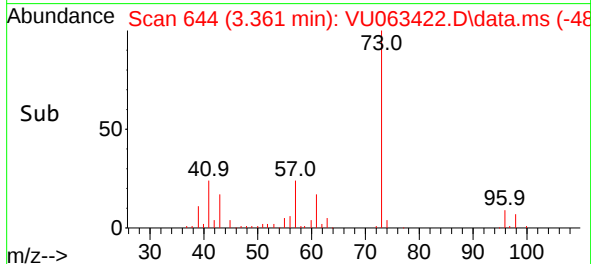
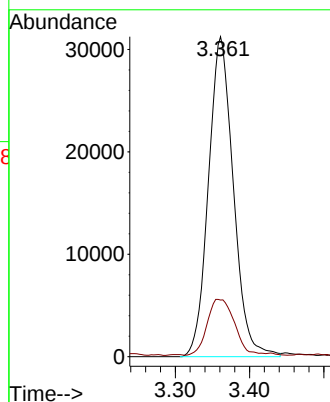
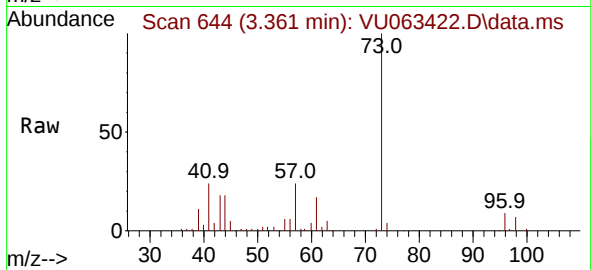




#25
Methyl tert-Butyl Ether
Concen: 1.890 ug/l
RT: 3.361 min Scan# 64
Delta R.T. 0.003 min
Lab File: VU063422.D
Acq: 23 Jun 2025 11:08

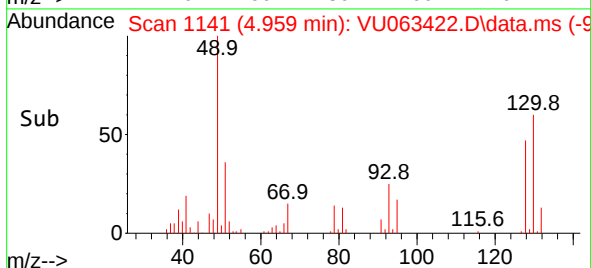
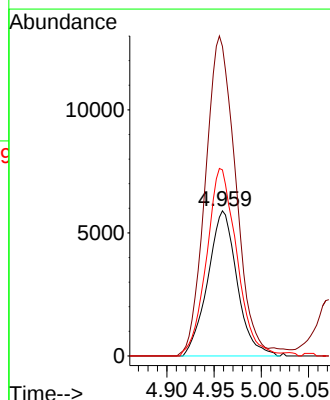
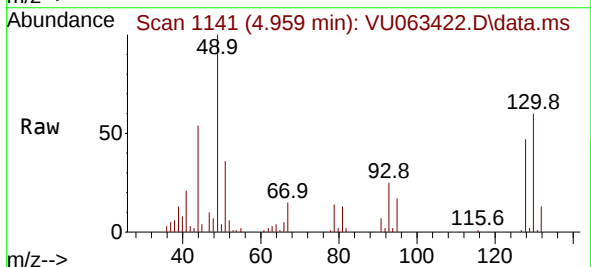
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

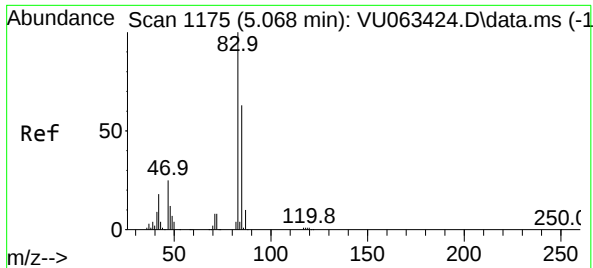
Tgt Ion: 73 Resp: 72920
Ion Ratio Lower Upper
73 100
43 19.1 15.1 22.7



#26
Bromochloromethane
Concen: 1.874 ug/l
RT: 4.959 min Scan# 1141
Delta R.T. 0.003 min
Lab File: VU063422.D
Acq: 23 Jun 2025 11:08

Tgt Ion: 128 Resp: 12706
Ion Ratio Lower Upper
128 100
49 230.2 0.0 441.2
130 133.2 102.3 153.5





#27

Chloroform

Concen: 1.910 ug/l

RT: 5.071 min Scan# 1175

Delta R.T. 0.003 min

Lab File: VU063422.D

Acq: 23 Jun 2025 11:08

Instrument :

MSVOA_U

ClientSampleId :

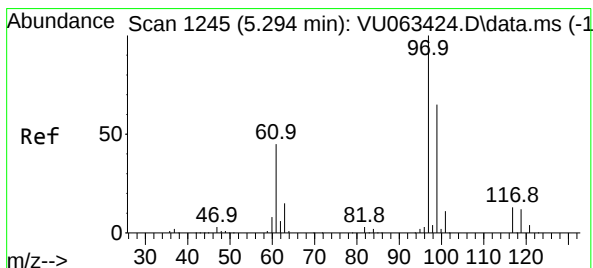
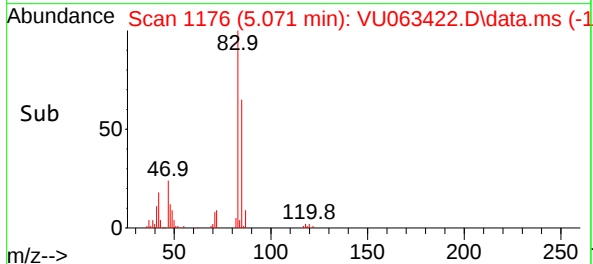
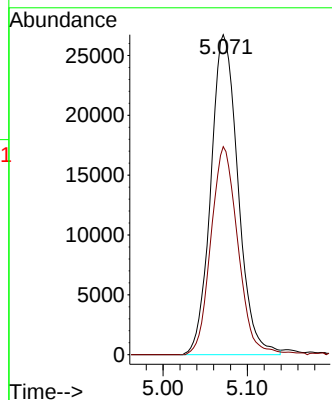
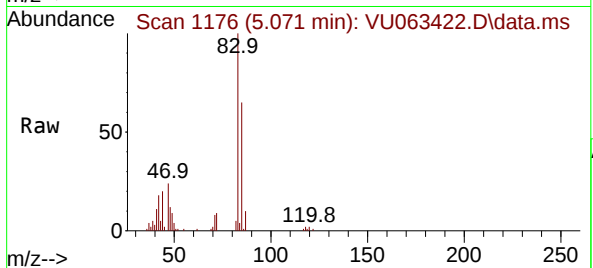
VSTDICC002

Tgt Ion: 83 Resp: 60003

Ion Ratio Lower Upper

83 100

85 65.0 0.0 126.8



#28

1,1,1-Trichloroethane

Concen: 1.868 ug/l

RT: 5.296 min Scan# 1246

Delta R.T. 0.003 min

Lab File: VU063422.D

Acq: 23 Jun 2025 11:08

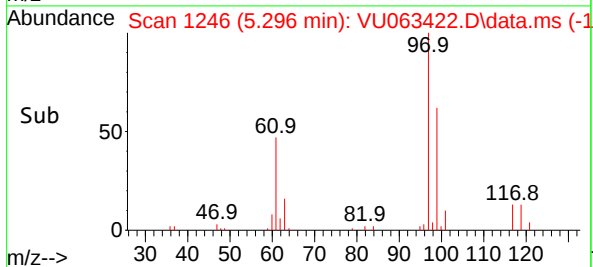
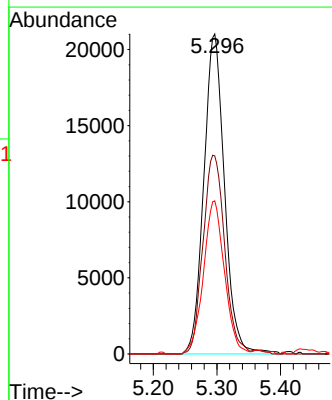
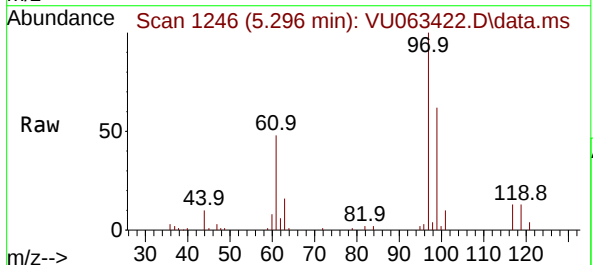
Tgt Ion: 97 Resp: 47577

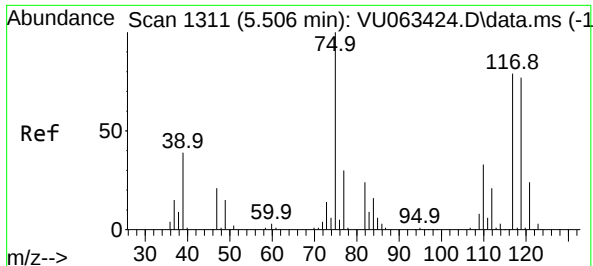
Ion Ratio Lower Upper

97 100

99 65.1 31.9 95.5

61 48.6 22.9 68.7

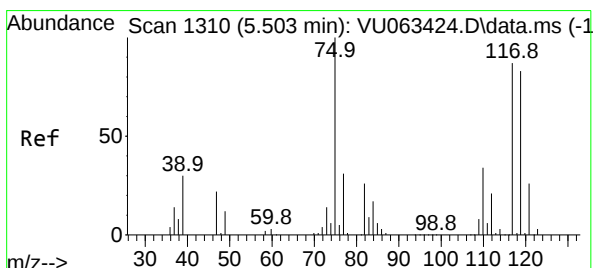
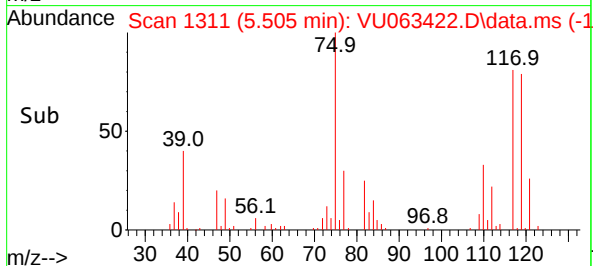
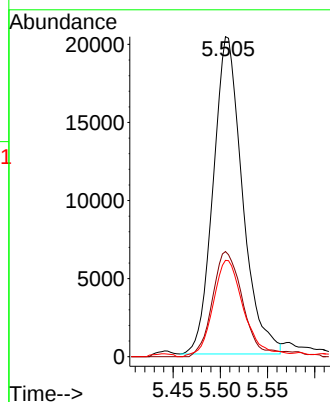
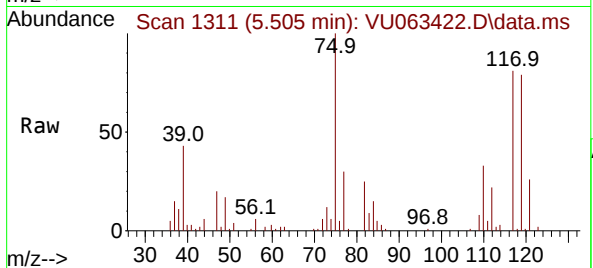




#29
1,1-Dichloropropene
Concen: 1.874 ug/l
RT: 5.505 min Scan# 11
Delta R.T. -0.001 min
Lab File: VU063422.D
Acq: 23 Jun 2025 11:08

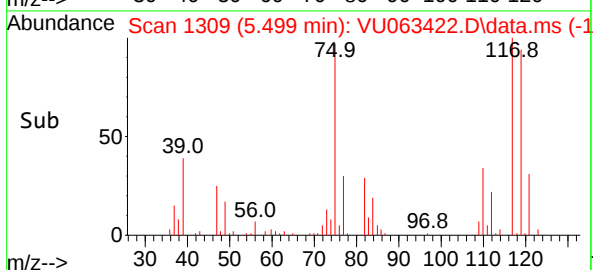
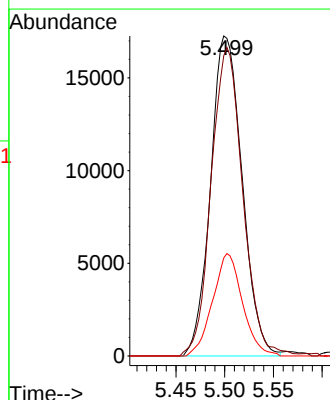
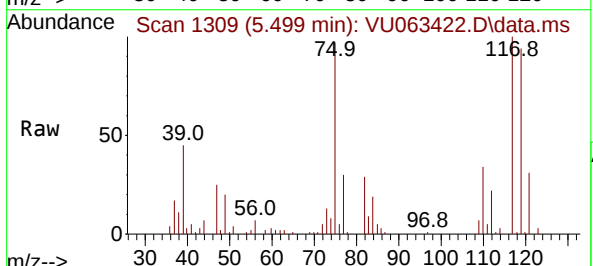
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

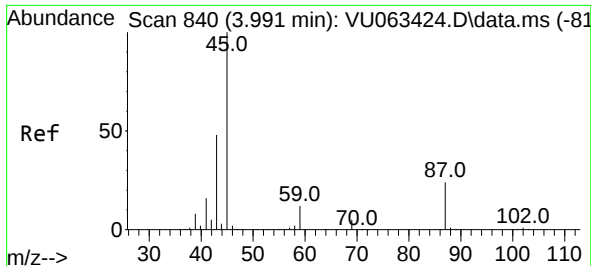
Tgt Ion: 75 Resp: 43614
Ion Ratio Lower Upper
75 100
110 34.8 17.4 52.2
77 32.0 25.4 38.0



#30
Carbon Tetrachloride
Concen: 1.914 ug/l
RT: 5.499 min Scan# 1309
Delta R.T. -0.003 min
Lab File: VU063422.D
Acq: 23 Jun 2025 11:08

Tgt Ion: 117 Resp: 38934
Ion Ratio Lower Upper
117 100
119 93.8 76.7 115.1
121 30.6 24.3 36.5

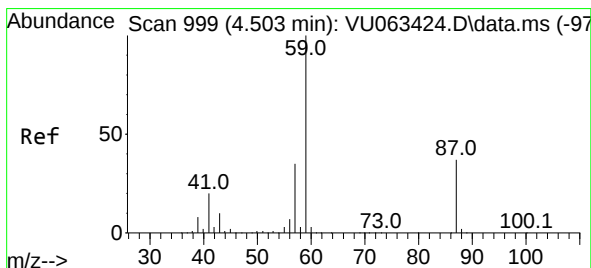
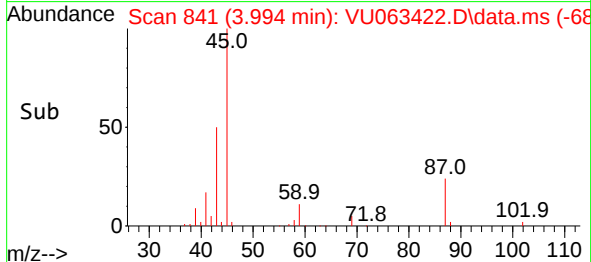
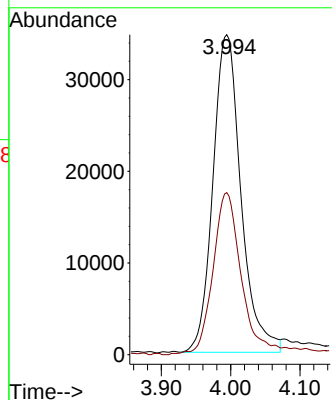
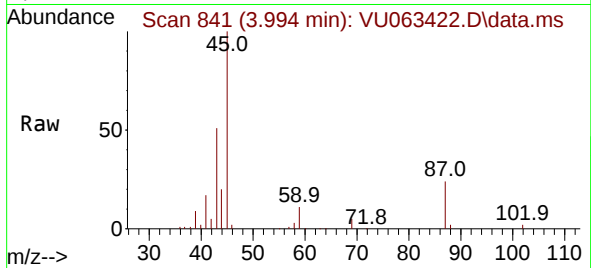




#31
Isopropyl Ether
Concen: 1.854 ug/l
RT: 3.994 min Scan# 841
Delta R.T. 0.003 min
Lab File: VU063422.D
Acq: 23 Jun 2025 11:08

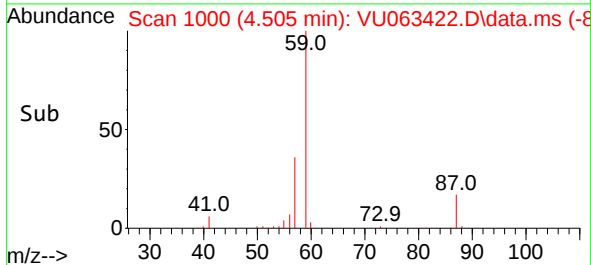
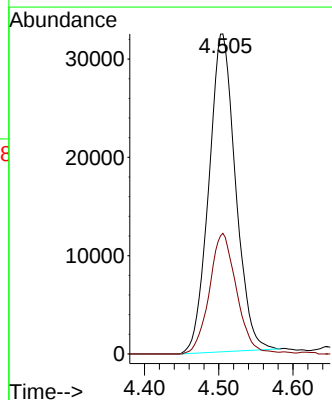
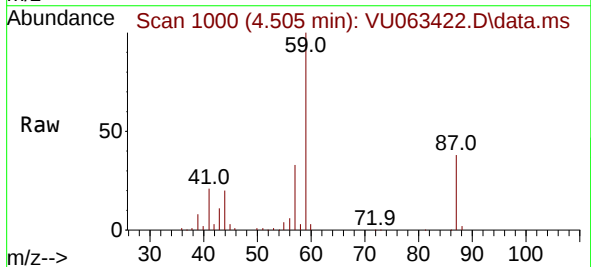
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion: 45 Resp: 97608
Ion Ratio Lower Upper
45 100
43 51.4 23.8 71.5



#32
Ethyl-t-butyl ether
Concen: 1.820 ug/l
RT: 4.505 min Scan# 1000
Delta R.T. 0.002 min
Lab File: VU063422.D
Acq: 23 Jun 2025 11:08

Tgt Ion: 59 Resp: 80720
Ion Ratio Lower Upper
59 100
87 37.8 29.9 44.9

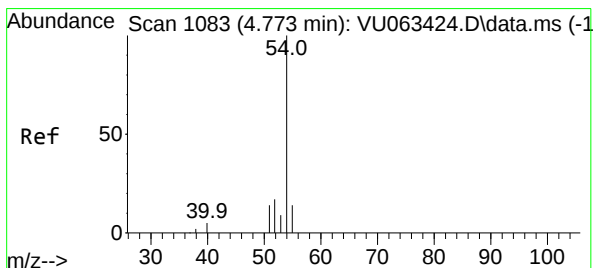
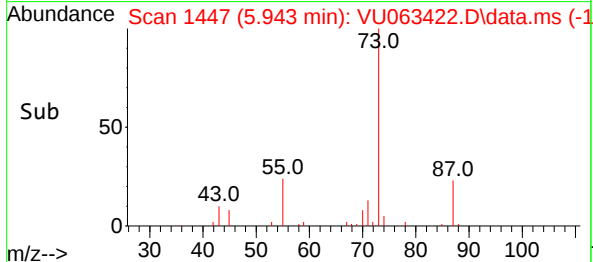
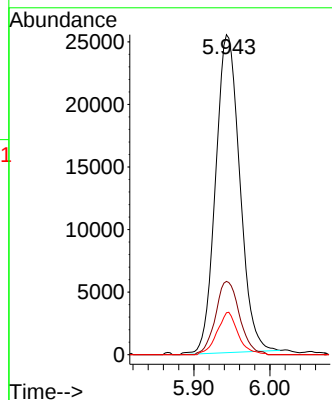
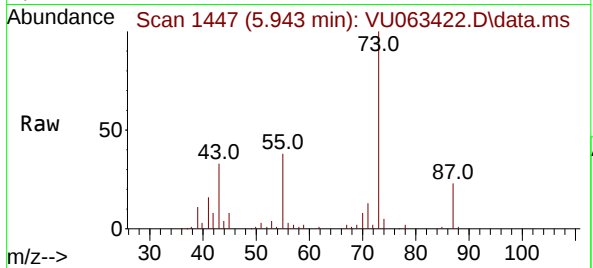




#33
Tert-Amyl methyl ether
Concen: 1.773 ug/l
RT: 5.943 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VU063422.D
Acq: 23 Jun 2025 11:08

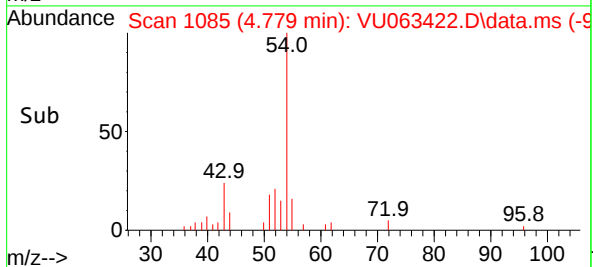
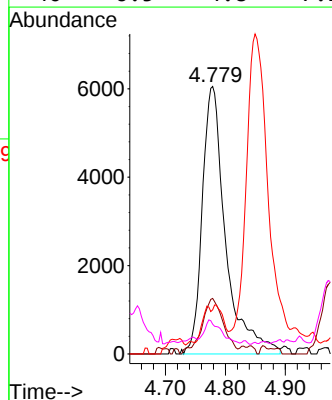
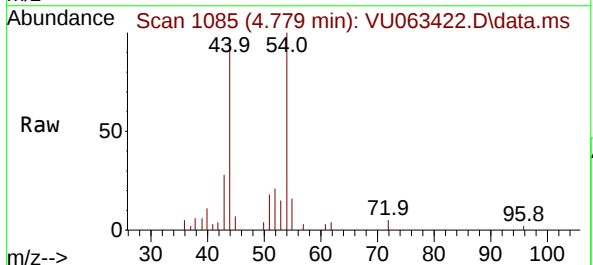
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

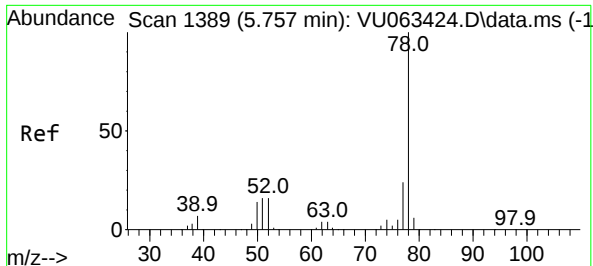
Tgt Ion: 73 Resp: 56206
Ion Ratio Lower Upper
73 100
87 22.9 18.1 27.1
71 11.6 10.0 15.0



#34
Propionitrile
Concen: 9.928 ug/l
RT: 4.779 min Scan# 1085
Delta R.T. 0.006 min
Lab File: VU063422.D
Acq: 23 Jun 2025 11:08

Tgt Ion: 54 Resp: 16424
Ion Ratio Lower Upper
54 100
52 19.2 14.8 22.2
55 4.9 12.2 18.2#
40 6.5 4.8 7.2

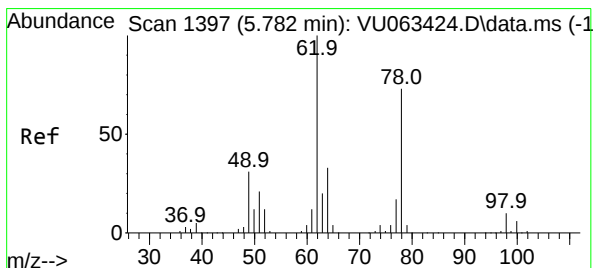
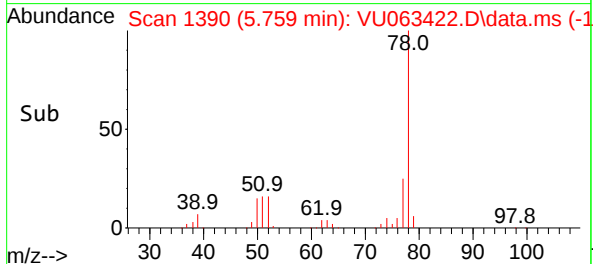
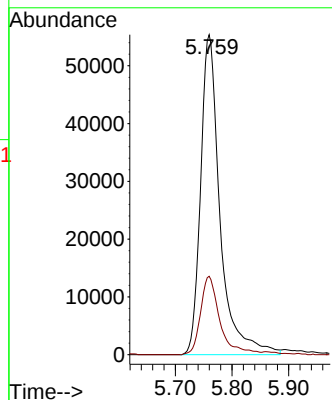
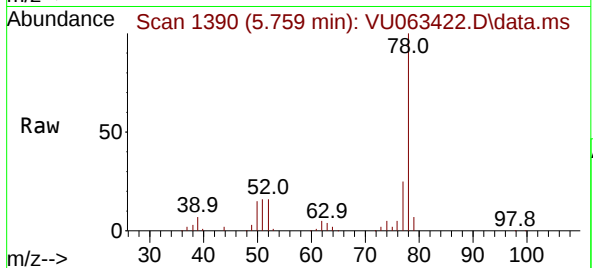




#35
Benzene
Concen: 1.873 ug/l
RT: 5.759 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU063422.D
Acq: 23 Jun 2025 11:08

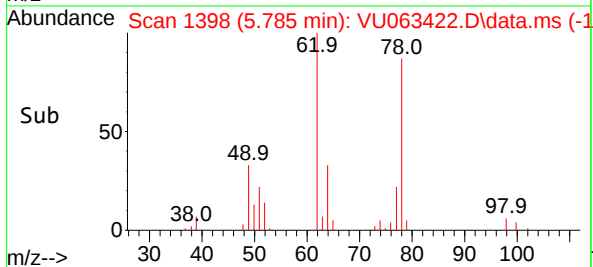
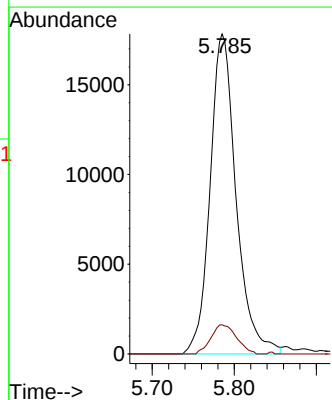
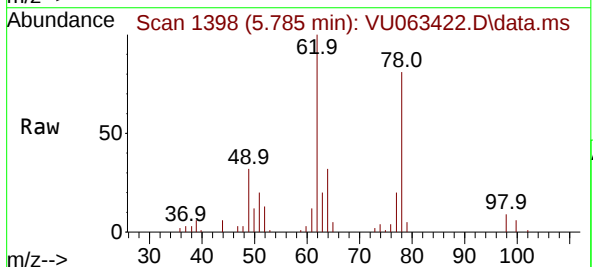
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

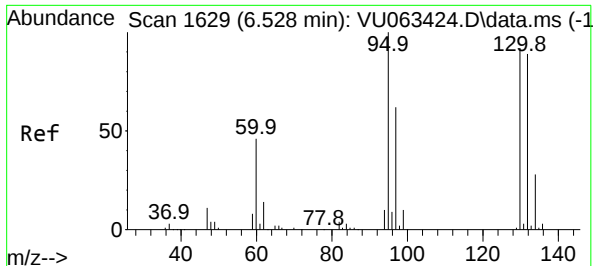
Tgt Ion: 78 Resp: 131817
Ion Ratio Lower Upper
78 100
77 24.5 19.4 29.2



#36
1,2-Dichloroethane
Concen: 1.913 ug/l
RT: 5.785 min Scan# 1398
Delta R.T. 0.003 min
Lab File: VU063422.D
Acq: 23 Jun 2025 11:08

Tgt Ion: 62 Resp: 39373
Ion Ratio Lower Upper
62 100
98 9.0 7.1 10.7





#37

Trichloroethene

Concen: 1.910 ug/l

RT: 6.531 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU063422.D

Acq: 23 Jun 2025 11:08

Instrument :

MSVOA_U

ClientSampleId :

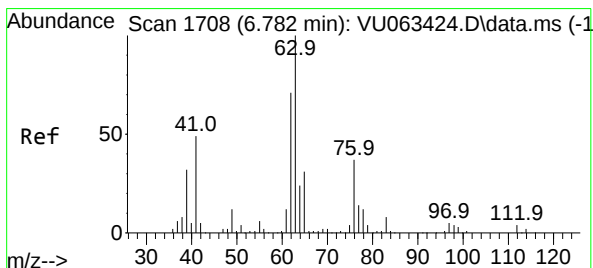
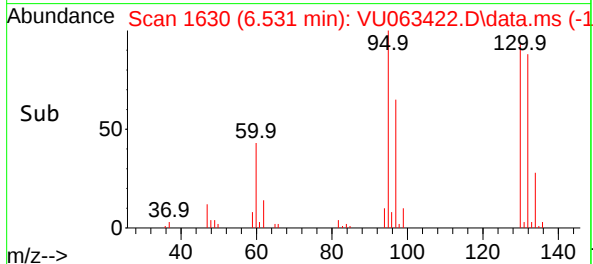
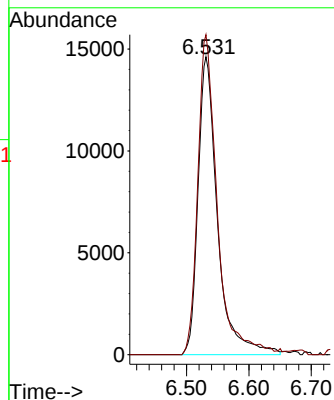
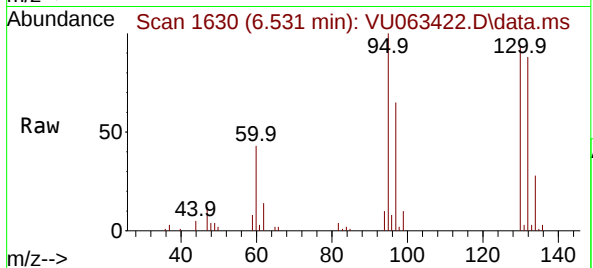
VSTDIC002

Tgt Ion:130 Resp: 31776

Ion Ratio Lower Upper

130 100

95 107.4 87.2 130.8



#38

1,2-Dichloropropane

Concen: 1.857 ug/l

RT: 6.782 min Scan# 1708

Delta R.T. -0.000 min

Lab File: VU063422.D

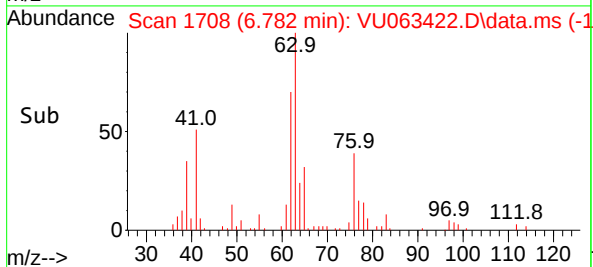
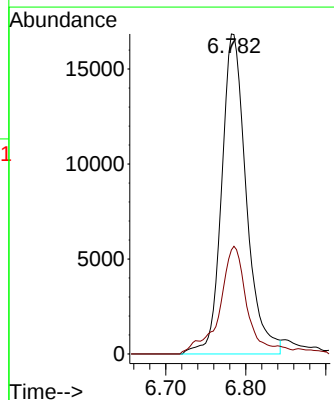
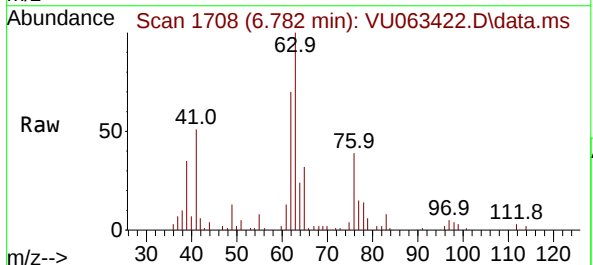
Acq: 23 Jun 2025 11:08

Tgt Ion: 63 Resp: 36094

Ion Ratio Lower Upper

63 100

65 32.5 25.0 37.6





#39

Methacrylonitrile

Concen: 1.695 ug/l

RT: 4.978 min Scan# 1144

Delta R.T. 0.009 min

Lab File: VU063422.D

Acq: 23 Jun 2025 11:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

Tgt Ion: 41 Resp: 11666

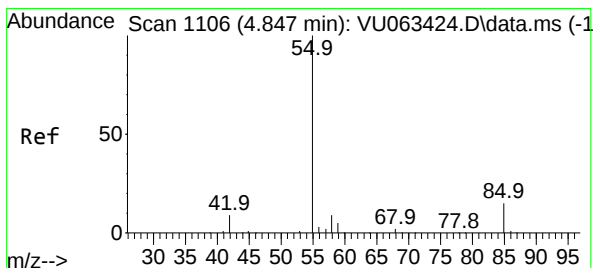
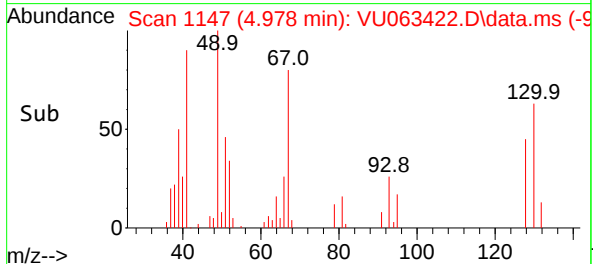
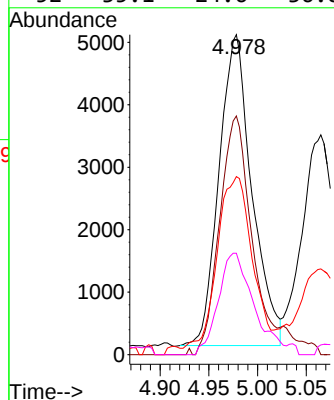
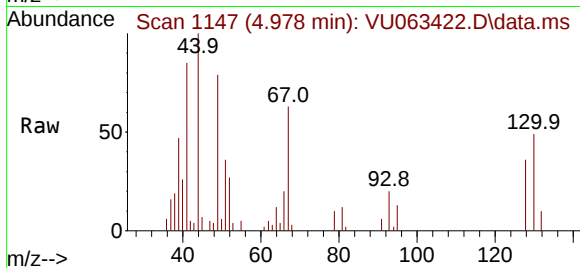
Ion Ratio Lower Upper

41 100

67 74.4 59.8 89.8

39 58.4 40.7 61.1

52 35.1 24.6 36.8



#40

Methyl acrylate

Concen: 1.626 ug/l

RT: 4.850 min Scan# 1107

Delta R.T. 0.003 min

Lab File: VU063422.D

Acq: 23 Jun 2025 11:08

Tgt Ion: 55 Resp: 15749

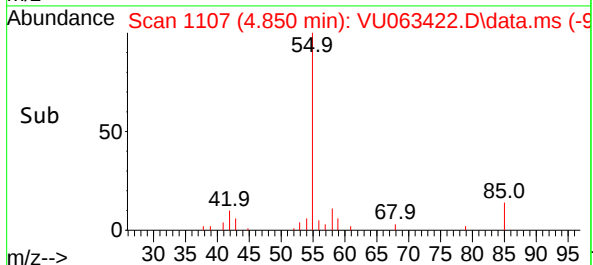
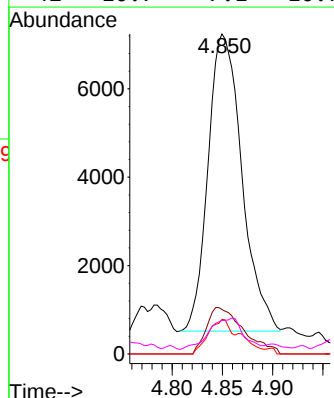
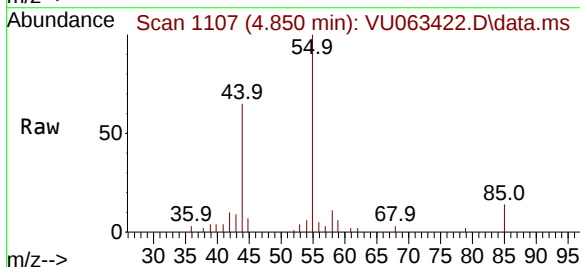
Ion Ratio Lower Upper

55 100

85 17.1 12.6 19.0

58 7.9 6.9 10.3

42 10.7 7.1 10.7#





#41

Tetrahydrofuran

Concen: 3.519 ug/l

RT: 5.062 min Scan# 1173

Delta R.T. 0.003 min

Lab File: VU063422.D

Acq: 23 Jun 2025 11:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

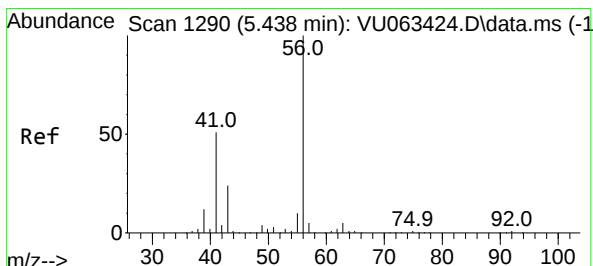
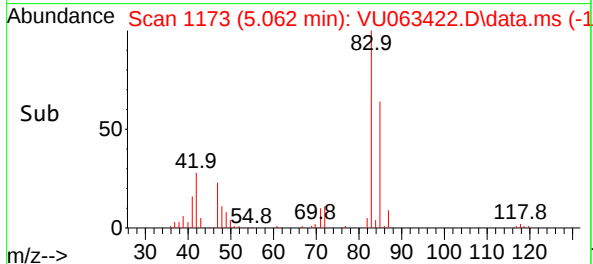
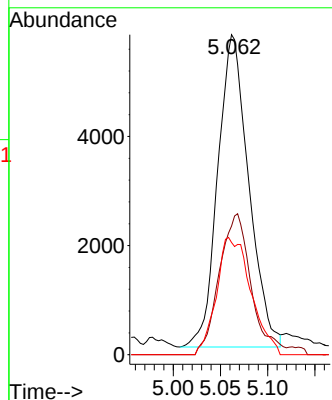
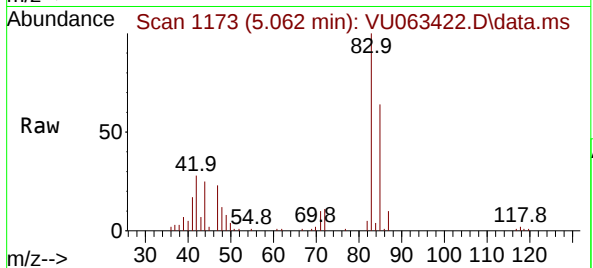
Tgt Ion: 42 Resp: 13030

Ion Ratio Lower Upper

42 100

72 46.5 35.4 53.2

71 41.7 31.4 47.0



#42

1-Chlorobutane

Concen: 1.705 ug/l

RT: 5.441 min Scan# 1291

Delta R.T. 0.003 min

Lab File: VU063422.D

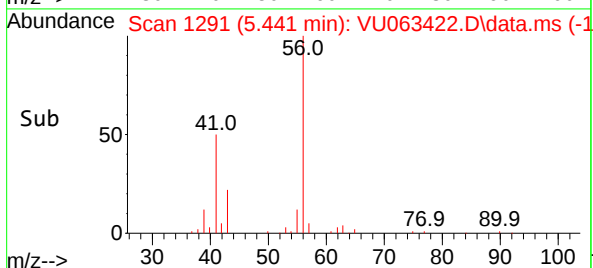
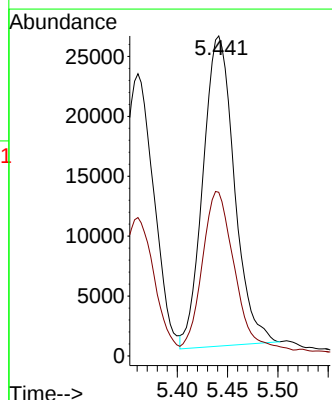
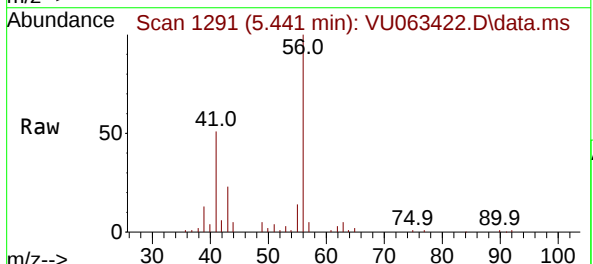
Acq: 23 Jun 2025 11:08

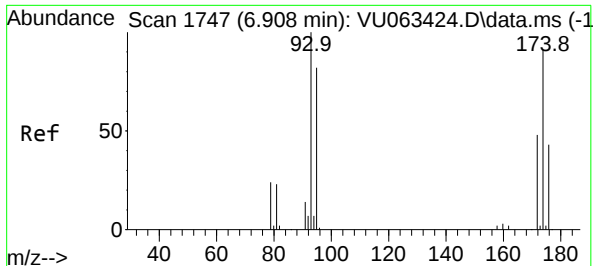
Tgt Ion: 56 Resp: 56293

Ion Ratio Lower Upper

56 100

41 53.4 26.4 79.0

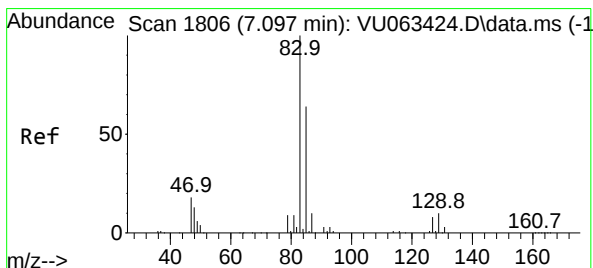
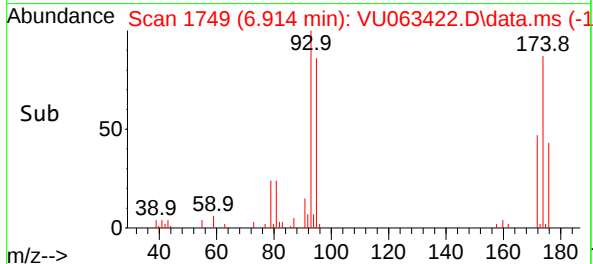
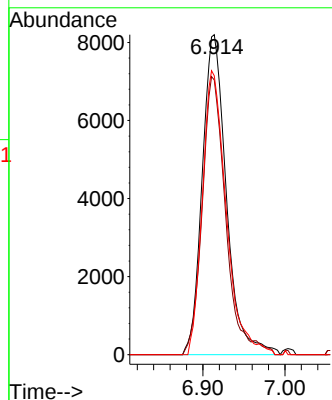
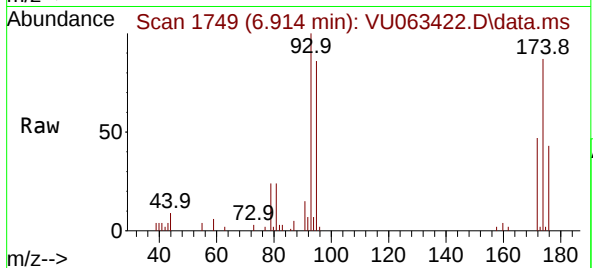




#43
Dibromomethane
Concen: 1.850 ug/l
RT: 6.914 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VU063422.D
Acq: 23 Jun 2025 11:08

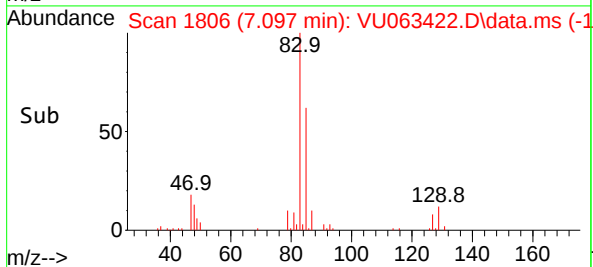
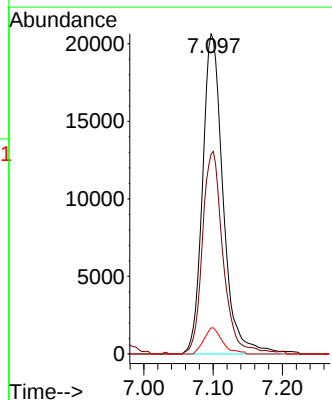
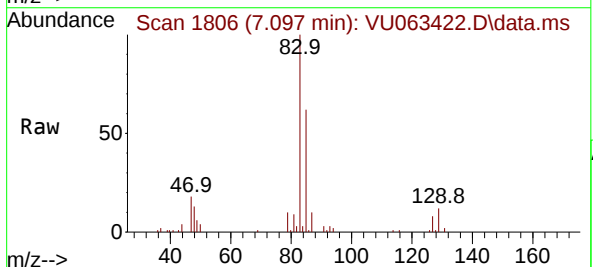
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

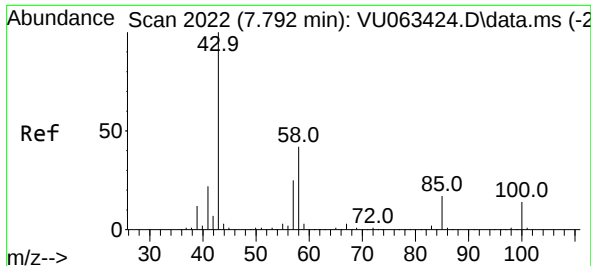
Tgt Ion: 93 Resp: 16800
Ion Ratio Lower Upper
93 100
95 84.3 66.7 100.1
174 87.8 71.1 106.7



#44
Bromodichloromethane
Concen: 1.919 ug/l
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU063422.D
Acq: 23 Jun 2025 11:08

Tgt Ion: 83 Resp: 42462
Ion Ratio Lower Upper
83 100
85 62.5 51.4 77.2
127 8.1 6.6 10.0





#45

4-Methyl-2-Pentanone

Concen: 9.105 ug/l

RT: 7.798 min Scan# 2024

Delta R.T. 0.006 min

Lab File: VU063422.D

Acq: 23 Jun 2025 11:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

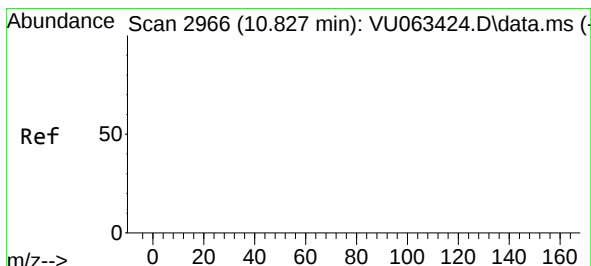
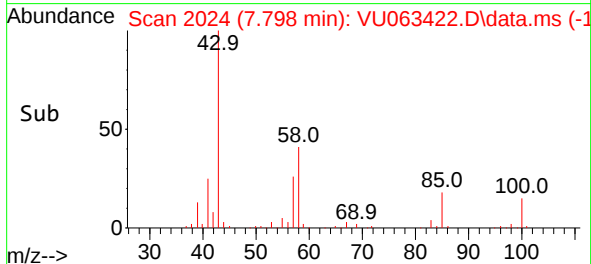
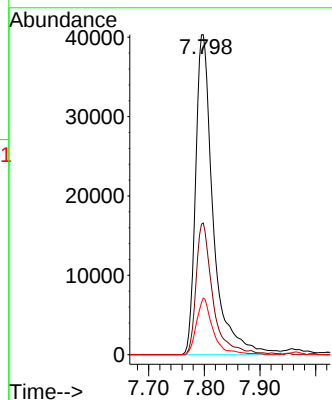
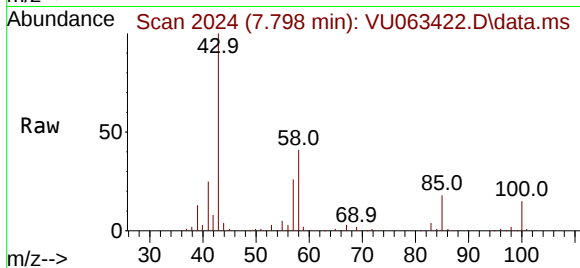
Tgt Ion: 43 Resp: 88768

Ion Ratio Lower Upper

43 100

58 38.4 20.5 61.6

85 16.3 14.2 21.2



#46

t-1,4-Dichloro-2-butene

Concen: 11.237 ug/l

RT: 10.817 min Scan# 2963

Delta R.T. -0.010 min

Lab File: VU063422.D

Acq: 23 Jun 2025 11:08

Tgt Ion: 75 Resp: 34967

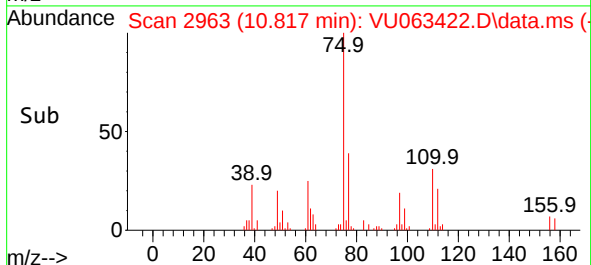
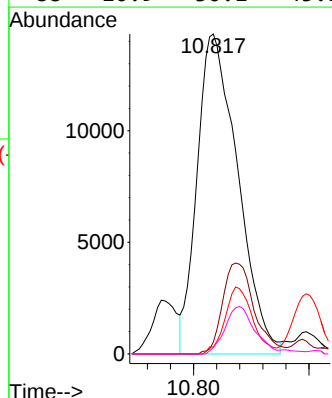
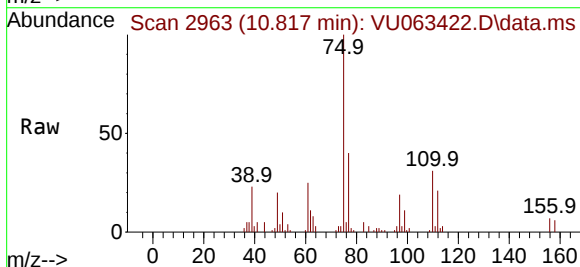
Ion Ratio Lower Upper

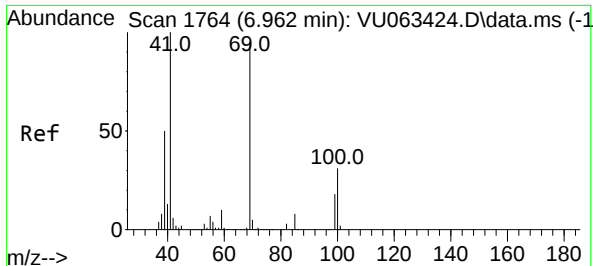
75 100

53 22.4 61.4 92.2#

89 14.3 39.2 58.8#

88 10.9 30.1 45.1#





#47

Methyl methacrylate

Concen: 3.592 ug/l

RT: 6.968 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU063422.D

Acq: 23 Jun 2025 11:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

Tgt Ion: 69 Resp: 24280

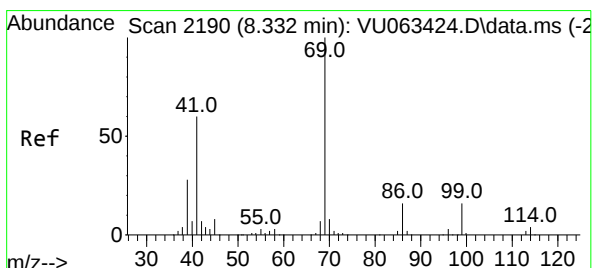
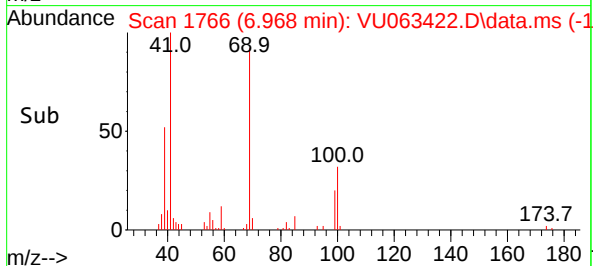
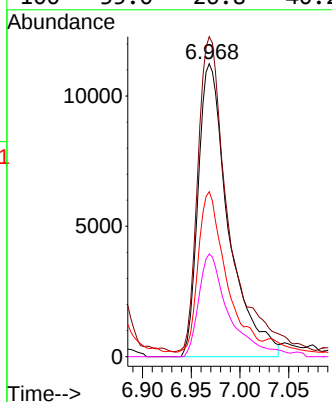
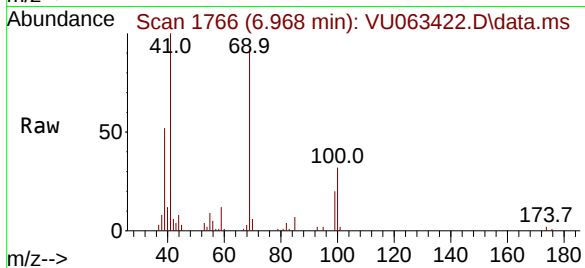
Ion Ratio Lower Upper

69 100

41 109.1 0.0 212.6

39 50.4 40.6 61.0

100 35.0 26.8 40.2



#48

Ethyl methacrylate

Concen: 1.822 ug/l

RT: 8.335 min Scan# 2191

Delta R.T. 0.003 min

Lab File: VU063422.D

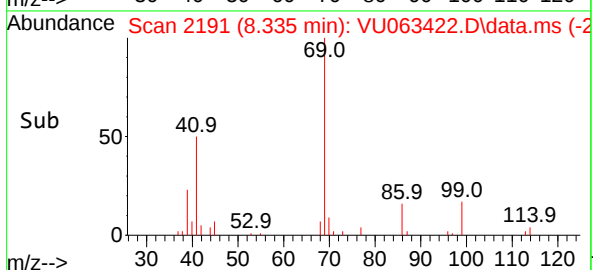
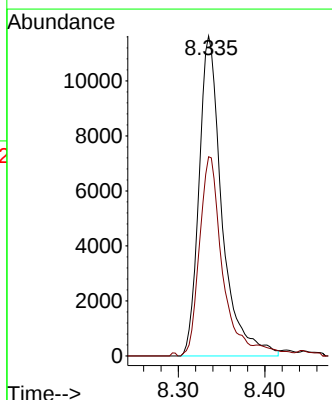
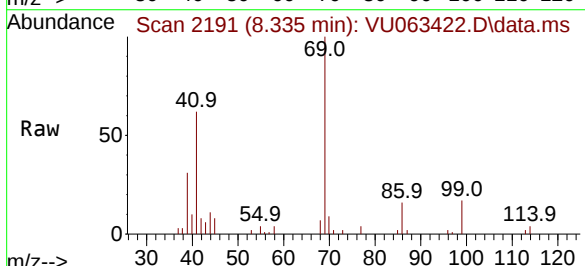
Acq: 23 Jun 2025 11:08

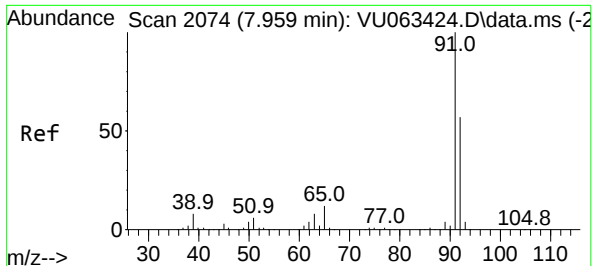
Tgt Ion: 69 Resp: 21437

Ion Ratio Lower Upper

69 100

41 60.7 30.6 92.0





#49

Toluene

Concen: 1.820 ug/l

RT: 7.962 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU063422.D

Acq: 23 Jun 2025 11:08

Instrument :

MSVOA_U

ClientSampleId :

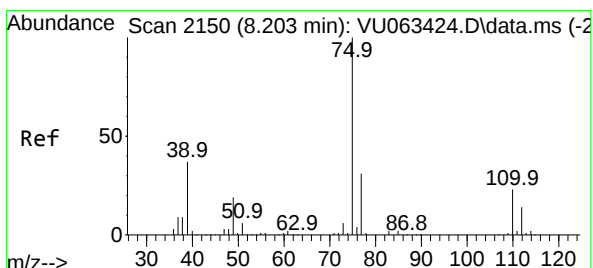
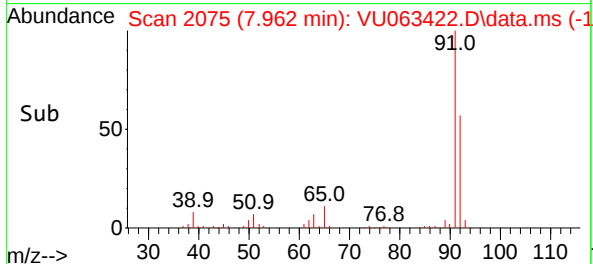
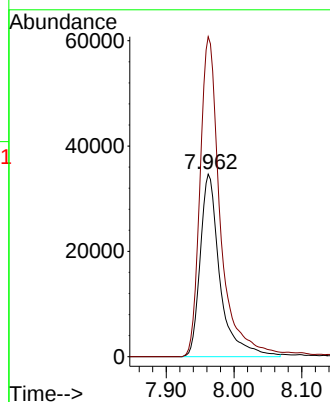
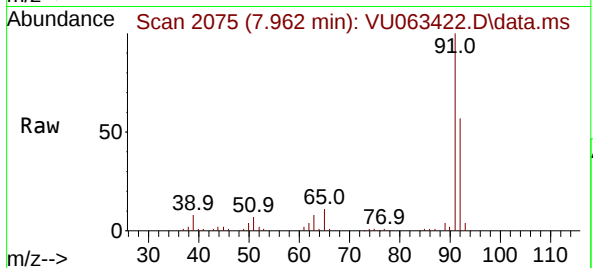
VSTDICC002

Tgt Ion: 92 Resp: 70315

Ion Ratio Lower Upper

92 100

91 179.2 142.0 213.0



#50

t-1,3-Dichloropropene

Concen: 1.741 ug/l

RT: 8.206 min Scan# 2151

Delta R.T. 0.003 min

Lab File: VU063422.D

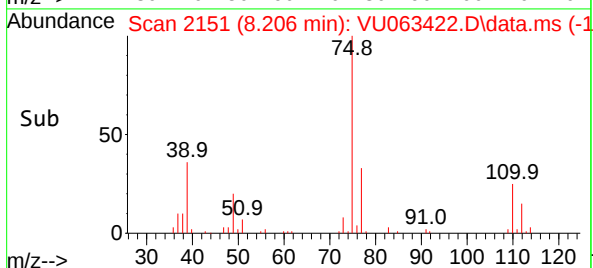
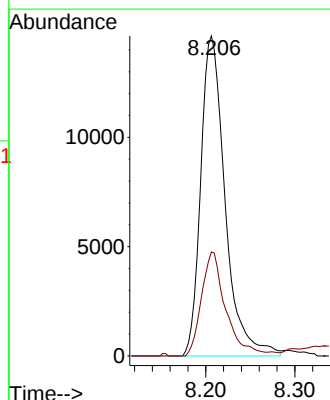
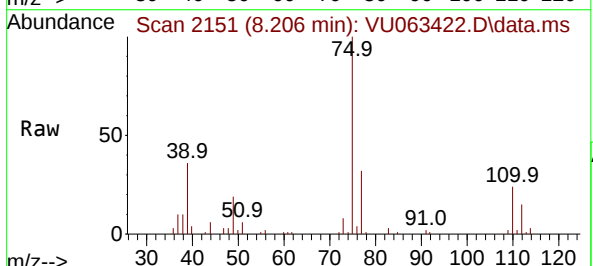
Acq: 23 Jun 2025 11:08

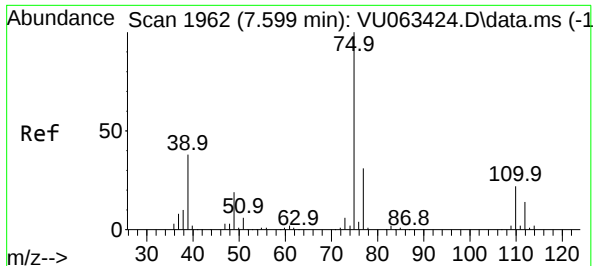
Tgt Ion: 75 Resp: 27776

Ion Ratio Lower Upper

75 100

77 32.5 24.5 36.7





#51

cis-1,3-Dichloropropene

Concen: 1.779 ug/l

RT: 7.602 min Scan# 1962

Delta R.T. 0.003 min

Lab File: VU063422.D

Acq: 23 Jun 2025 11:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

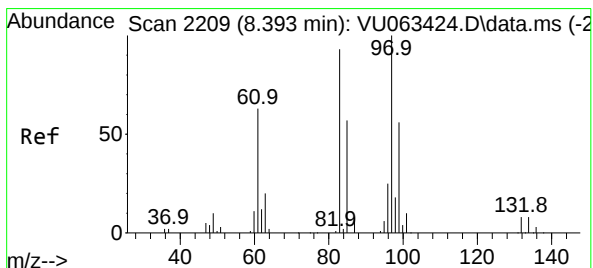
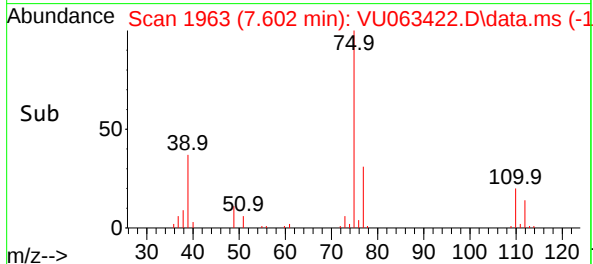
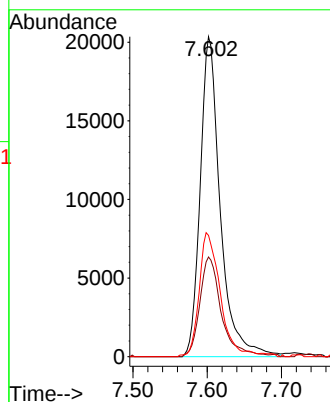
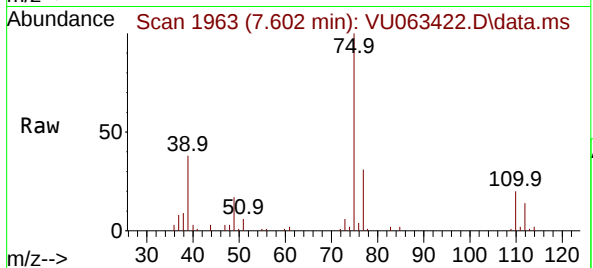
Tgt Ion: 75 Resp: 38128

Ion Ratio Lower Upper

75 100

77 31.1 24.8 37.2

39 37.9 30.7 46.1



#52

1,1,2-Trichloroethane

Concen: 1.925 ug/l

RT: 8.393 min Scan# 2209

Delta R.T. -0.000 min

Lab File: VU063422.D

Acq: 23 Jun 2025 11:08

Tgt Ion: 97 Resp: 25555

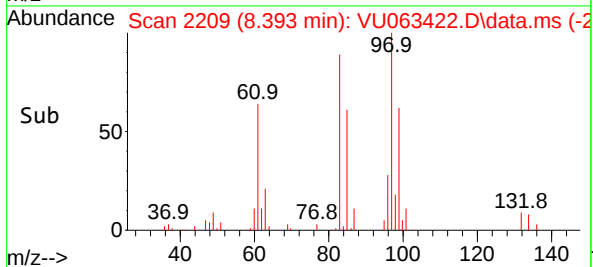
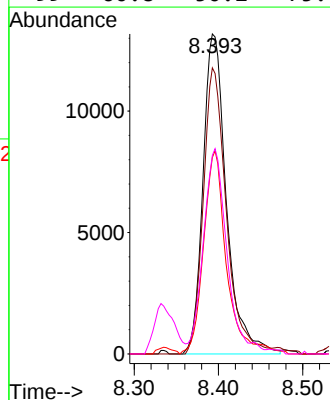
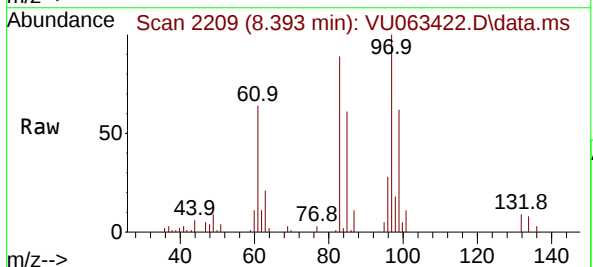
Ion Ratio Lower Upper

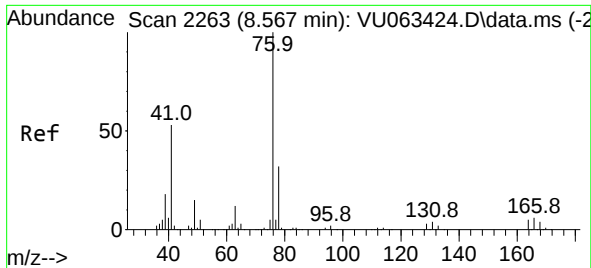
97 100

83 89.4 74.1 111.1

85 61.4 45.8 68.8

99 60.8 50.2 75.4

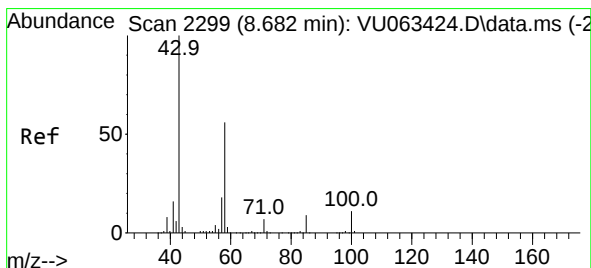
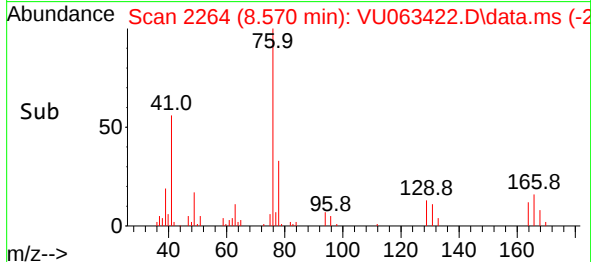
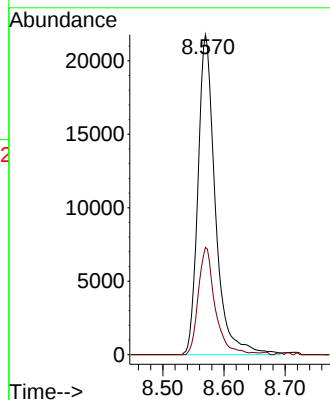
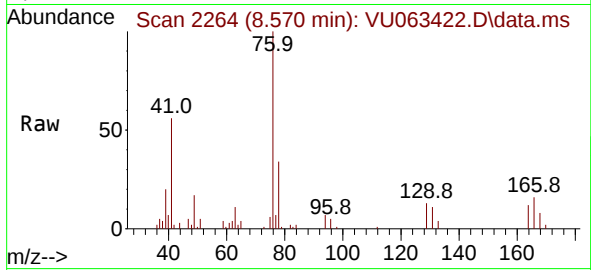




#53
1,3-Dichloropropane
Concen: 1.881 ug/l
RT: 8.570 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063422.D
Acq: 23 Jun 2025 11:08

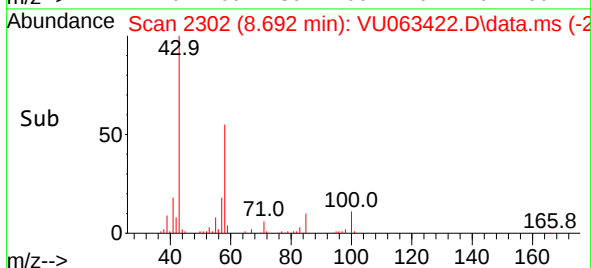
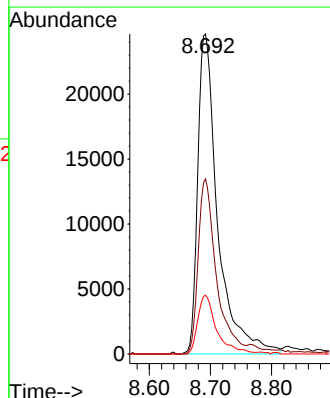
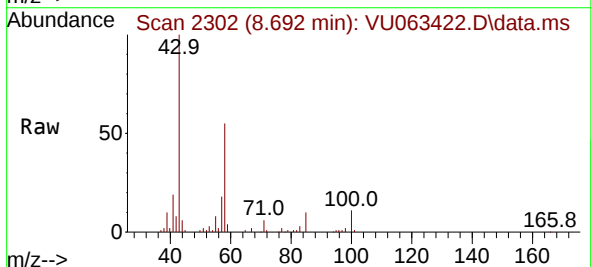
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion: 76 Resp: 42963
Ion Ratio Lower Upper
76 100
78 32.3 25.7 38.5



#54
2-Hexanone
Concen: 9.161 ug/l
RT: 8.692 min Scan# 2302
Delta R.T. 0.010 min
Lab File: VU063422.D
Acq: 23 Jun 2025 11:08

Tgt Ion: 43 Resp: 55985
Ion Ratio Lower Upper
43 100
58 49.7 36.9 76.9
57 17.3 0.0 38.8

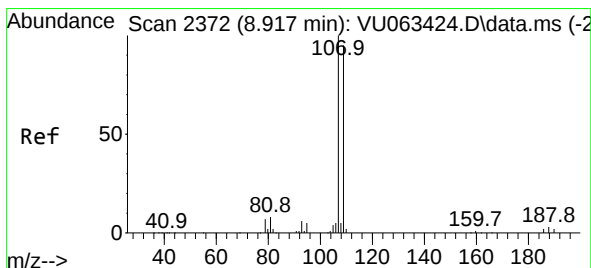
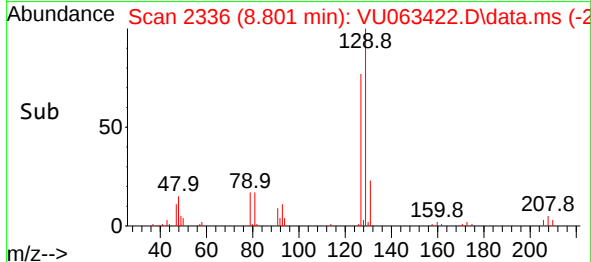
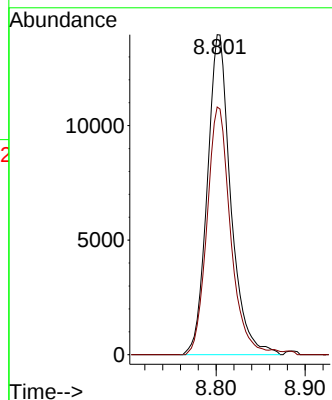
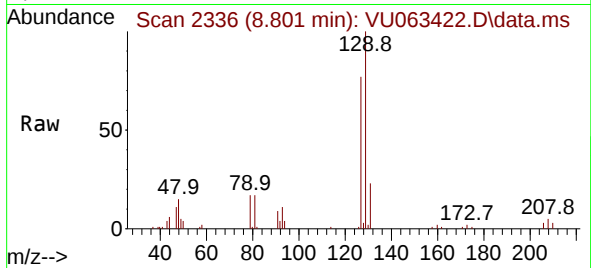




#55
Dibromochloromethane
Concen: 1.868 ug/l
RT: 8.801 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063422.D
Acq: 23 Jun 2025 11:08

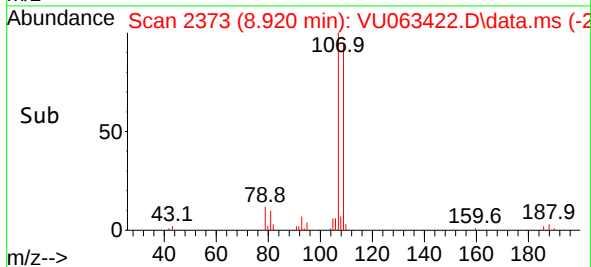
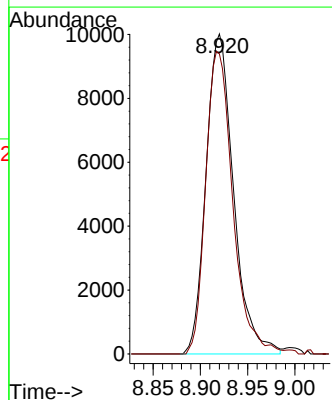
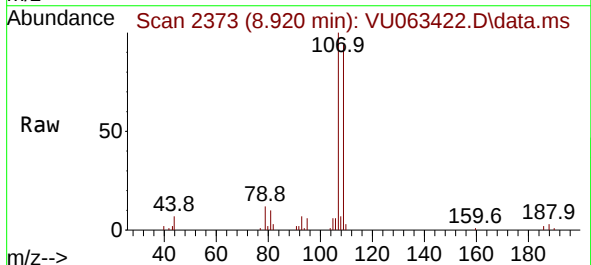
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

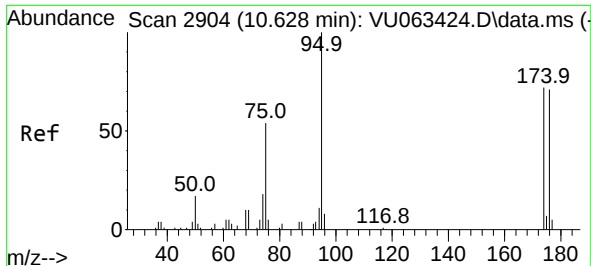
Tgt Ion:129 Resp: 25585
Ion Ratio Lower Upper
129 100
127 77.4 62.6 93.8



#56
1,2-Dibromoethane
Concen: 1.887 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. 0.003 min
Lab File: VU063422.D
Acq: 23 Jun 2025 11:08

Tgt Ion:107 Resp: 20310
Ion Ratio Lower Upper
107 100
109 92.9 0.0 188.0





#57

4-Bromofluorobenzene

Concen: 0.963 ug/l

RT: 10.627 min Scan# 2904

Delta R.T. -0.001 min

Lab File: VU063422.D

Acq: 23 Jun 2025 11:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

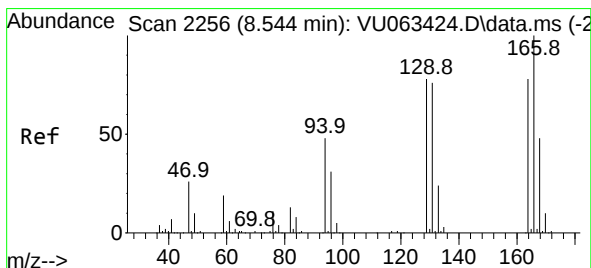
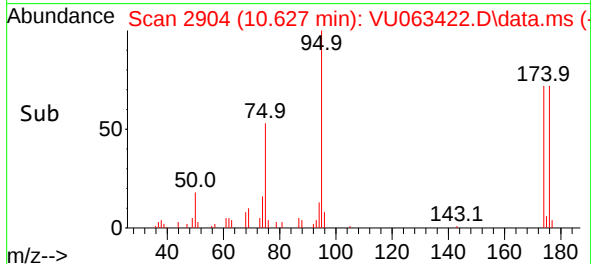
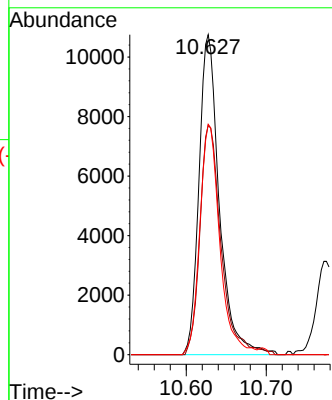
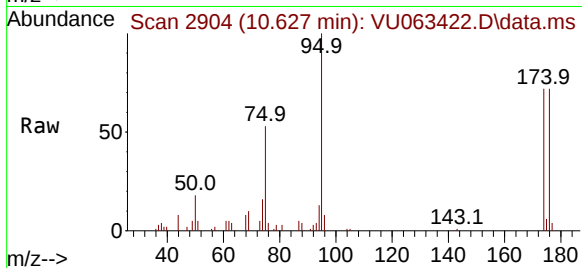
Tgt Ion: 95 Resp: 19109

Ion Ratio Lower Upper

95 100

174 74.5 59.4 89.2

176 70.7 57.8 86.6



#58

Tetrachloroethene

Concen: 1.844 ug/l

RT: 8.544 min Scan# 2256

Delta R.T. -0.000 min

Lab File: VU063422.D

Acq: 23 Jun 2025 11:08

Tgt Ion: 164 Resp: 30087

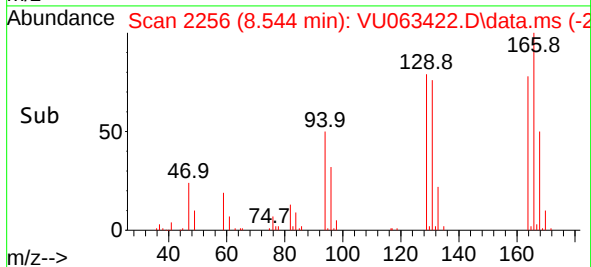
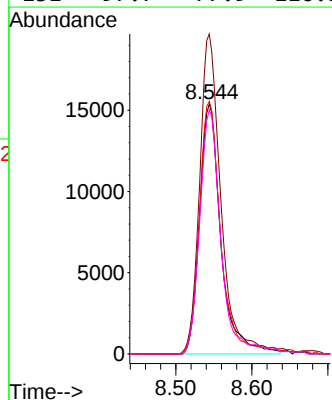
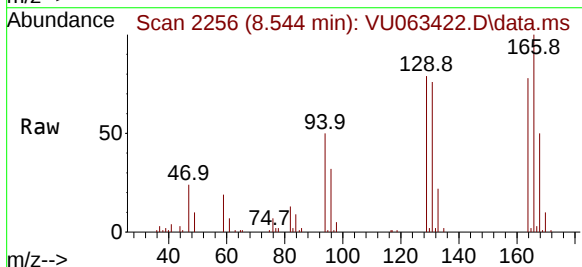
Ion Ratio Lower Upper

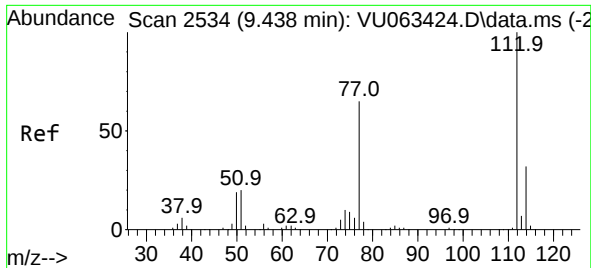
164 100

166 128.0 102.8 154.2

129 101.1 80.2 120.2

131 97.7 77.9 116.9

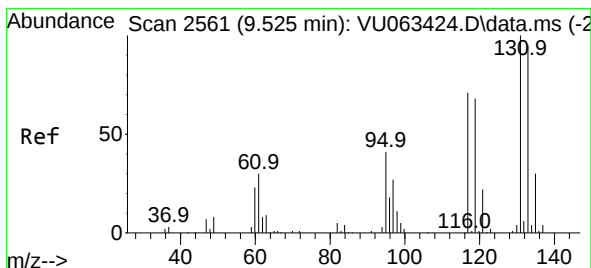
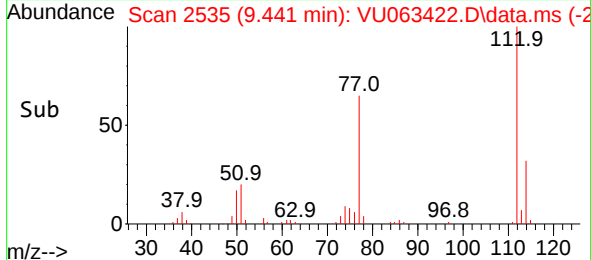
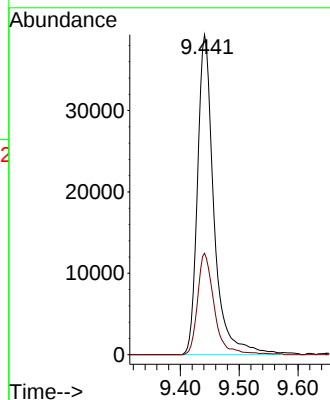
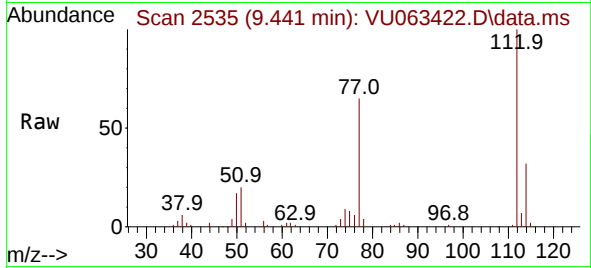




#59
Chlorobenzene
Concen: 1.843 ug/l
RT: 9.441 min Scan# 2535
Delta R.T. 0.003 min
Lab File: VU063422.D
Acq: 23 Jun 2025 11:08

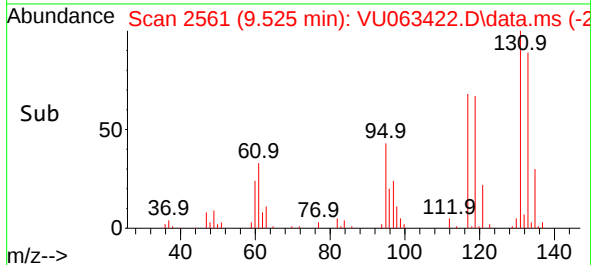
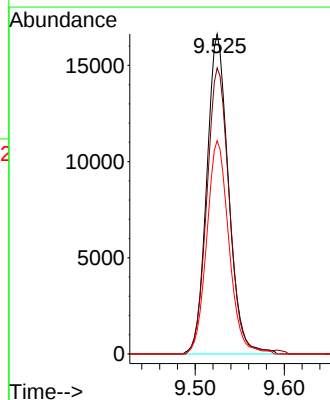
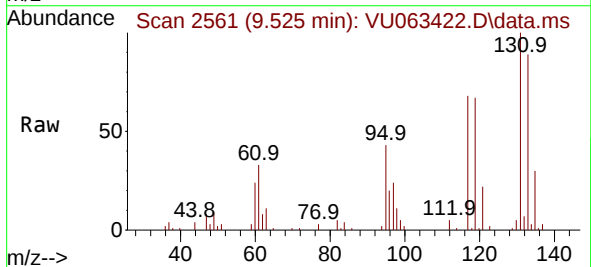
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

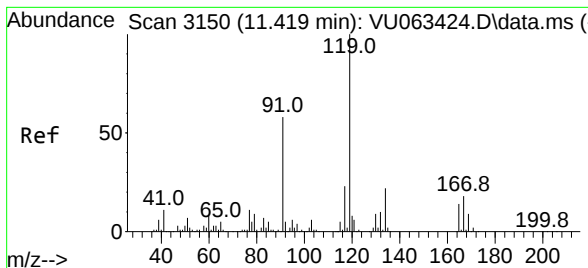
Tgt Ion:112 Resp: 76232
Ion Ratio Lower Upper
112 100
114 31.7 25.7 38.5



#60
1,1,1,2-Tetrachloroethane
Concen: 1.892 ug/l
RT: 9.525 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU063422.D
Acq: 23 Jun 2025 11:08

Tgt Ion:131 Resp: 28176
Ion Ratio Lower Upper
131 100
133 92.6 76.1 114.1
119 68.0 53.7 80.5





#61

Pentachloroethane

Concen: 1.930 ug/l

RT: 11.415 min Scan# 3150

Delta R.T. -0.004 min

Lab File: VU063422.D

Acq: 23 Jun 2025 11:08

Instrument :

MSVOA_U

ClientSampleId :

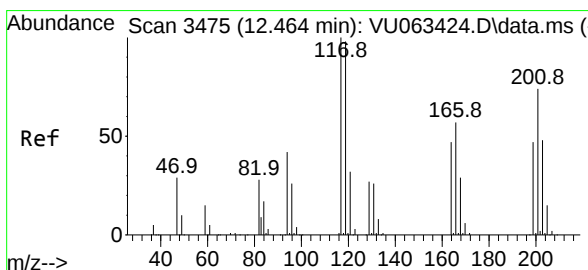
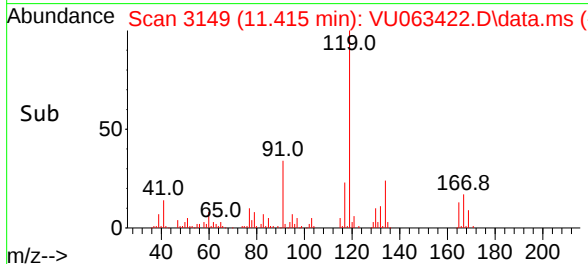
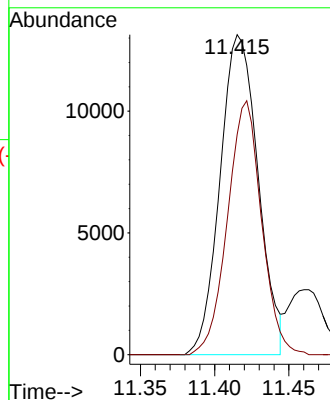
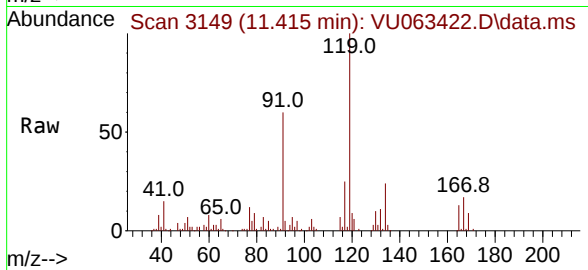
VSTDICC002

Tgt Ion:117 Resp: 23417

Ion Ratio Lower Upper

117 100

167 71.1 58.1 87.1



#62

Hexachloroethane

Concen: 1.959 ug/l

RT: 12.467 min Scan# 3476

Delta R.T. 0.003 min

Lab File: VU063422.D

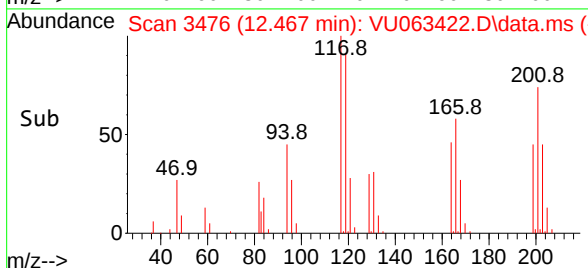
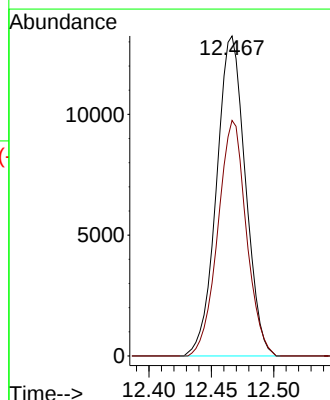
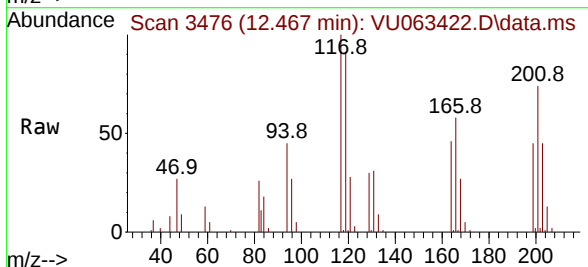
Acq: 23 Jun 2025 11:08

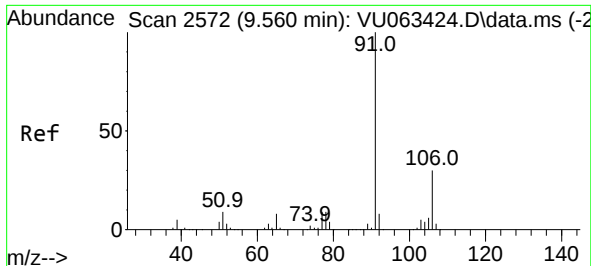
Tgt Ion:117 Resp: 21374

Ion Ratio Lower Upper

117 100

201 72.6 60.4 90.6





#63

Ethyl Benzene

Concen: 1.759 ug/l

RT: 9.563 min Scan# 2572

Delta R.T. 0.003 min

Lab File: VU063422.D

Acq: 23 Jun 2025 11:08

Instrument :

MSVOA_U

ClientSampleId :

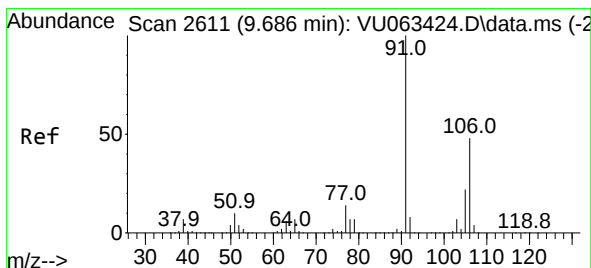
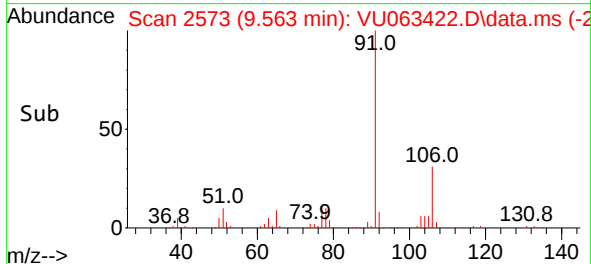
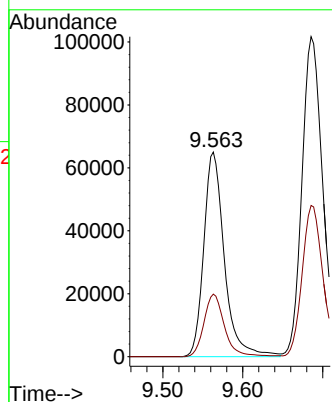
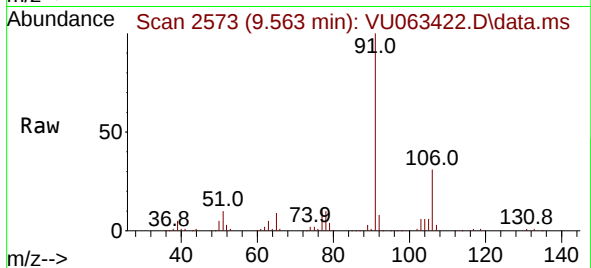
VSTDICC002

Tgt Ion: 91 Resp: 116653

Ion Ratio Lower Upper

91 100

106 30.6 24.2 36.2



#64

m/p-Xylenes

Concen: 3.524 ug/l

RT: 9.685 min Scan# 2611

Delta R.T. -0.001 min

Lab File: VU063422.D

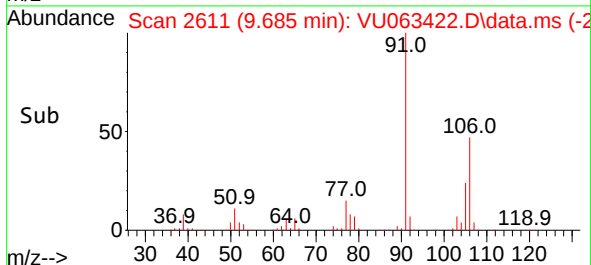
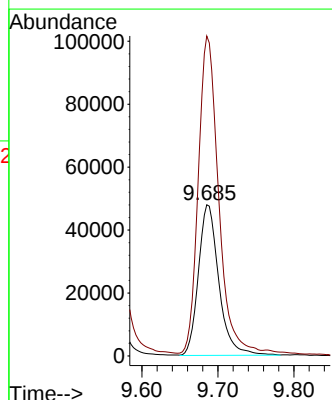
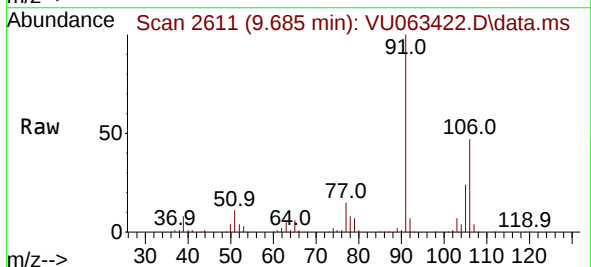
Acq: 23 Jun 2025 11:08

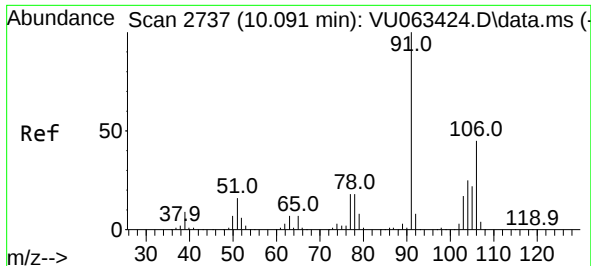
Tgt Ion:106 Resp: 89333

Ion Ratio Lower Upper

106 100

91 207.3 169.9 254.9

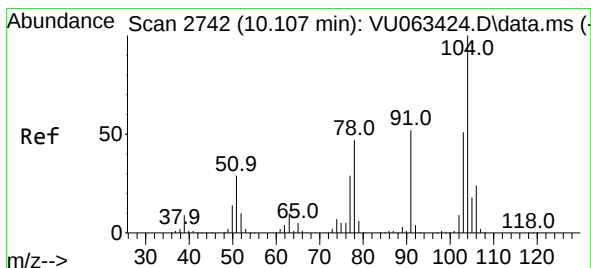
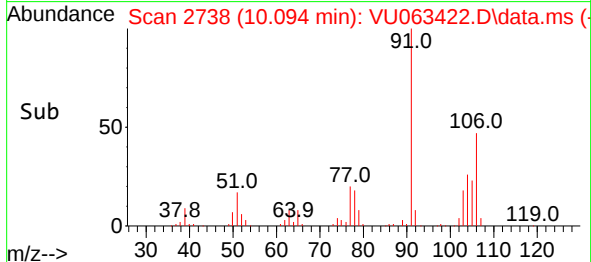
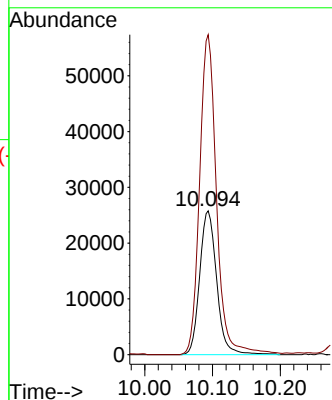
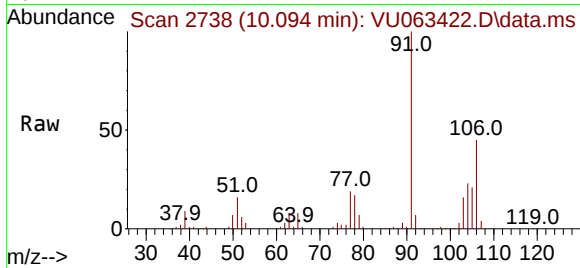




#65
o-Xylene
Concen: 1.784 ug/l
RT: 10.094 min Scan# 2737
Delta R.T. 0.003 min
Lab File: VU063422.D
Acq: 23 Jun 2025 11:08

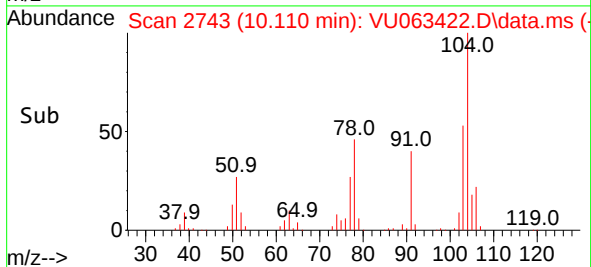
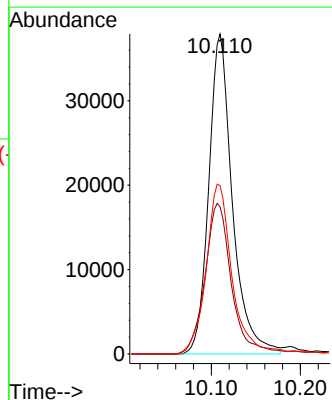
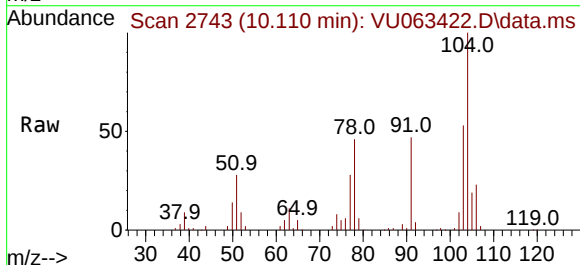
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

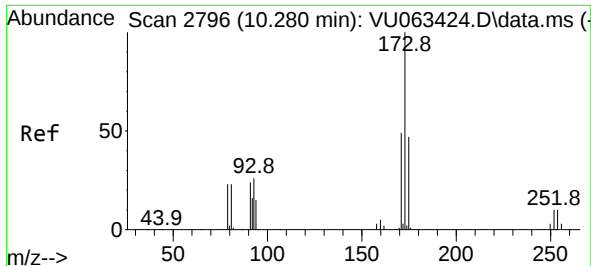
Tgt Ion:106 Resp: 44943
Ion Ratio Lower Upper
106 100
91 221.4 110.8 332.3



#66
Styrene
Concen: 1.743 ug/l
RT: 10.110 min Scan# 2743
Delta R.T. 0.003 min
Lab File: VU063422.D
Acq: 23 Jun 2025 11:08

Tgt Ion:104 Resp: 69902
Ion Ratio Lower Upper
104 100
78 52.4 41.6 62.4
103 58.2 44.6 67.0

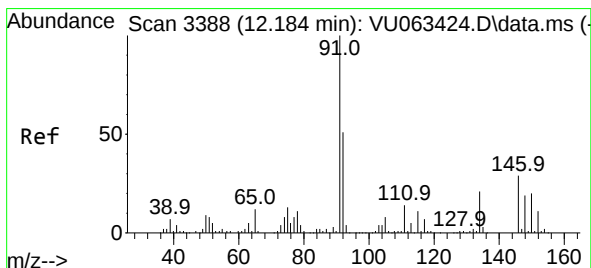
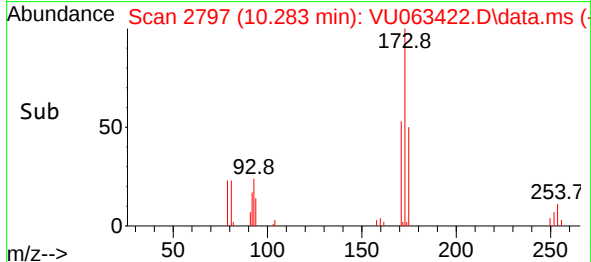
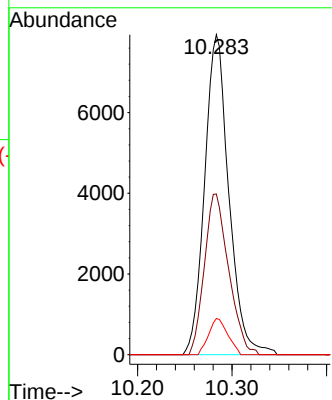
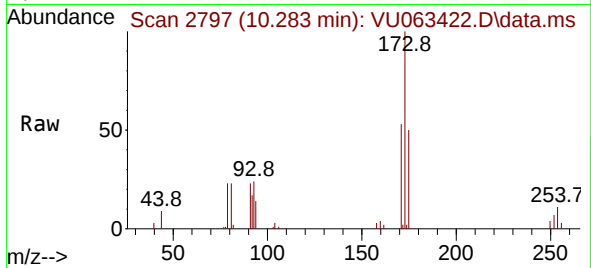




#67
Bromoform
Concen: 1.884 ug/l
RT: 10.283 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063422.D
Acq: 23 Jun 2025 11:08

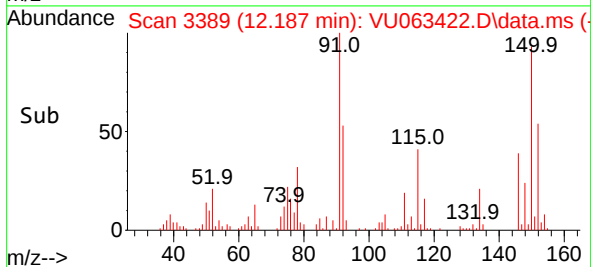
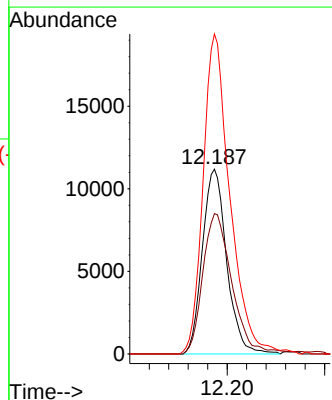
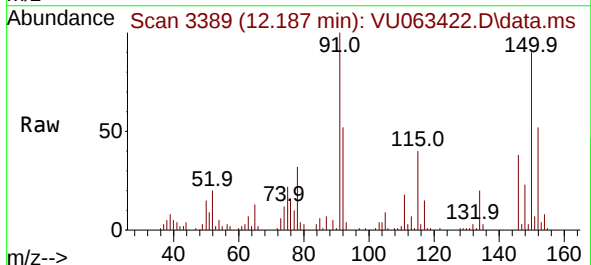
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion:173 Resp: 14102
Ion Ratio Lower Upper
173 100
175 50.3 38.2 57.2
254 8.9 7.6 11.4



#68
1,2-Dichlorobenzene-d4
Concen: 0.973 ug/l
RT: 12.187 min Scan# 3389
Delta R.T. 0.003 min
Lab File: VU063422.D
Acq: 23 Jun 2025 11:08

Tgt Ion:152 Resp: 19383
Ion Ratio Lower Upper
152 100
115 90.8 0.0 327.6
150 189.6 0.0 664.4

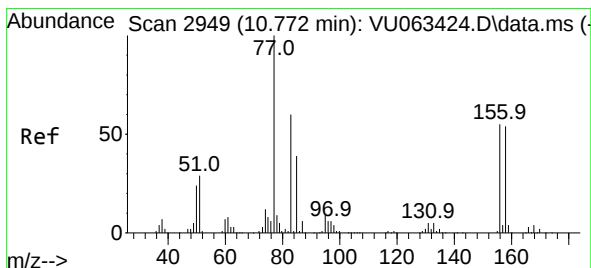
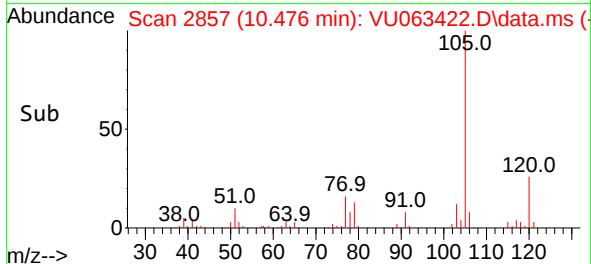
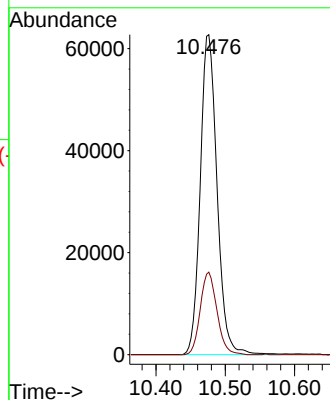
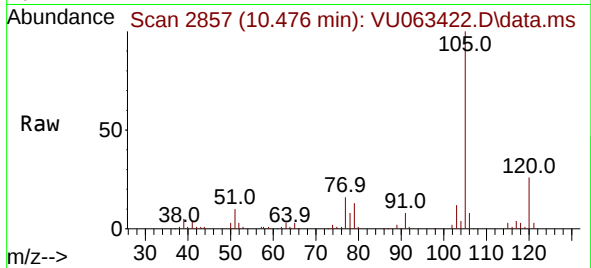




#69
Isopropylbenzene
Concen: 1.809 ug/l
RT: 10.476 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063422.D
Acq: 23 Jun 2025 11:08

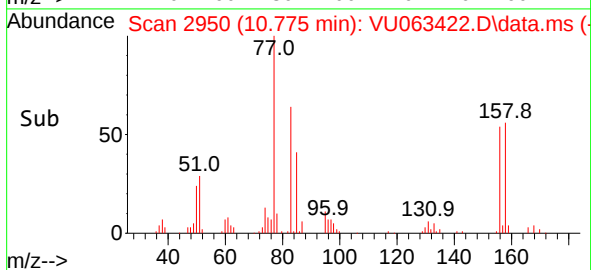
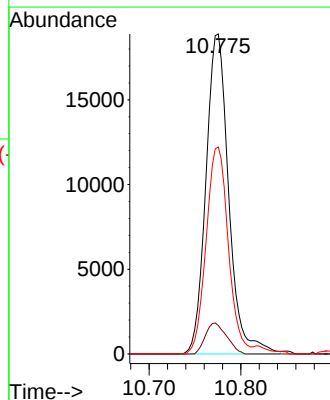
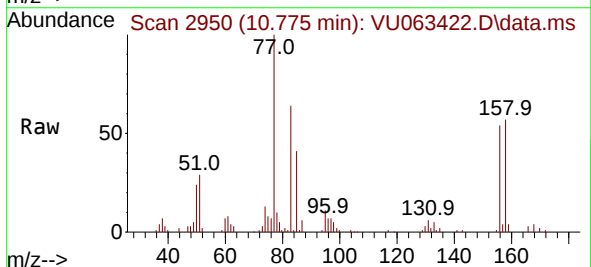
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

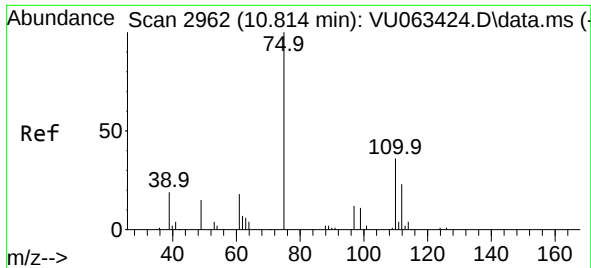
Tgt Ion:105 Resp: 105598
Ion Ratio Lower Upper
105 100
120 25.6 12.7 38.1



#70
1,1,2,2-Tetrachloroethane
Concen: 1.919 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU063422.D
Acq: 23 Jun 2025 11:08

Tgt Ion: 83 Resp: 32584
Ion Ratio Lower Upper
83 100
131 9.0 7.4 11.0
85 63.0 51.3 76.9

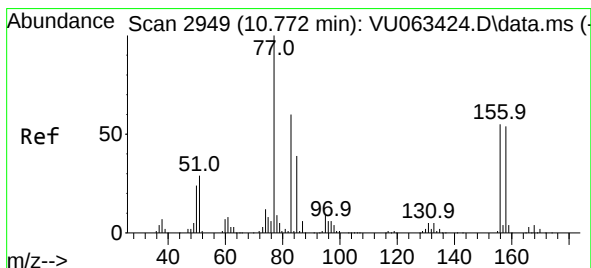
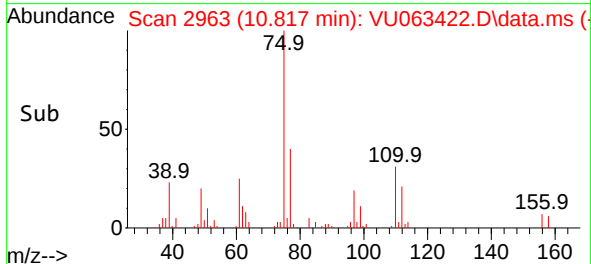
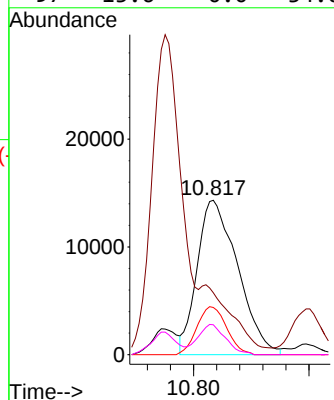
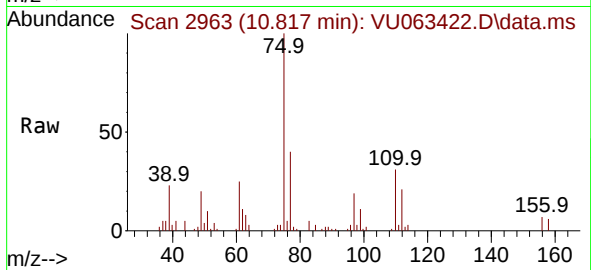




#71
1,2,3-Trichloropropane
Concen: 2.474 ug/l
RT: 10.817 min Scan# 2963
Delta R.T. 0.003 min
Lab File: VU063422.D
Acq: 23 Jun 2025 11:08

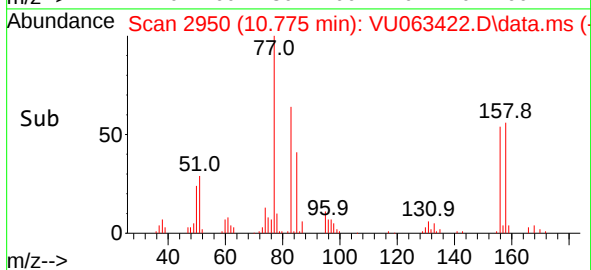
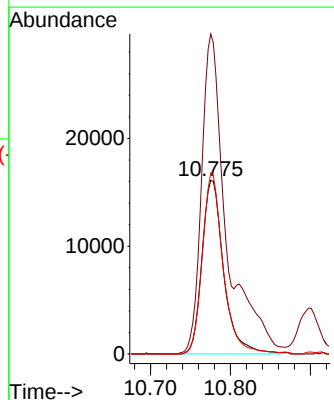
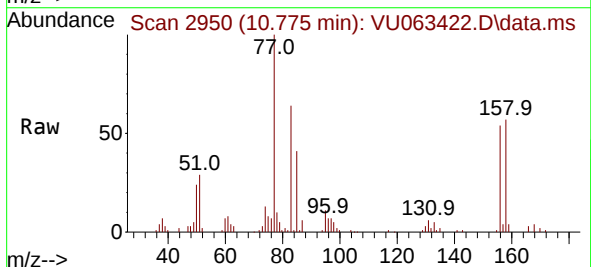
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

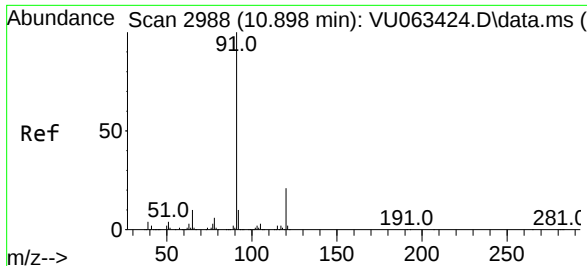
Tgt Ion:	75	Resp:	34967
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0
110	22.8	0.0	63.4
97	13.6	0.0	34.0



#72
Bromobenzene
Concen: 1.858 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU063422.D
Acq: 23 Jun 2025 11:08

Tgt Ion:	156	Resp:	30449
Ion	Ratio	Lower	Upper
156	100		
77	173.4	0.0	416.2
158	100.1	0.0	190.6

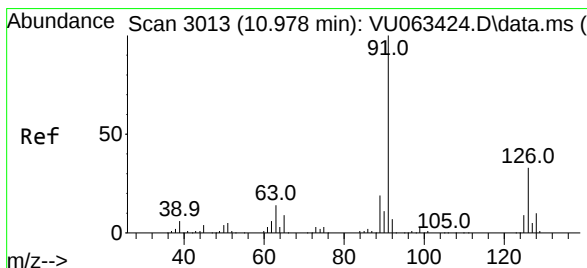
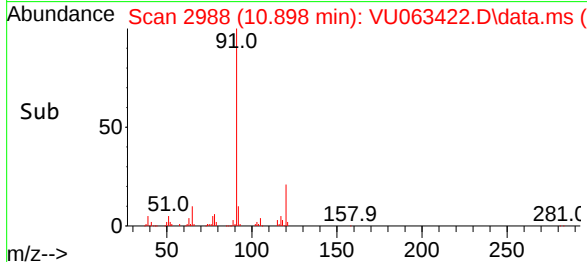
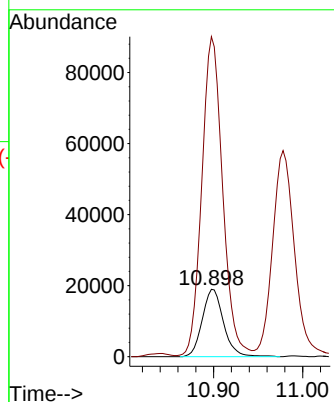
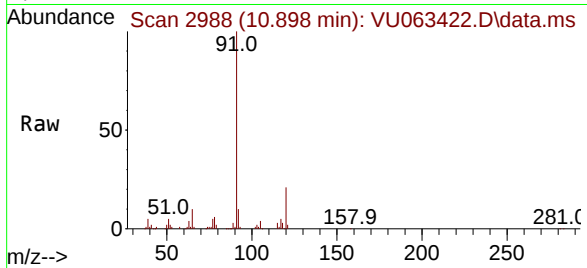




#73
n-propylbenzene
Concen: 1.797 ug/l
RT: 10.898 min Scan# 2988
Delta R.T. -0.000 min
Lab File: VU063422.D
Acq: 23 Jun 2025 11:08

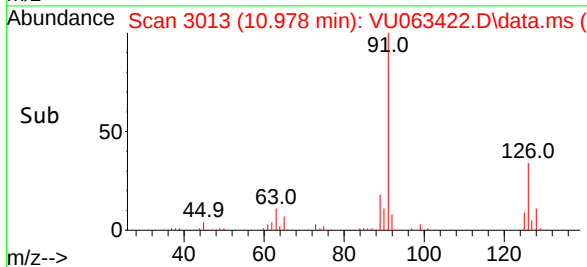
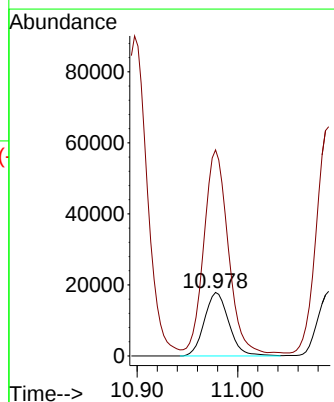
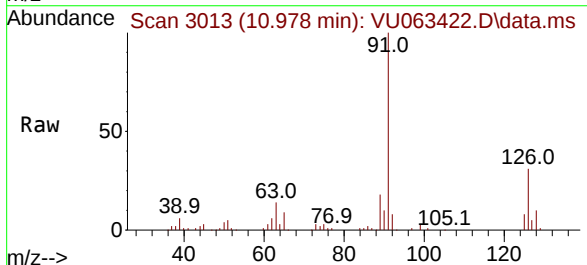
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

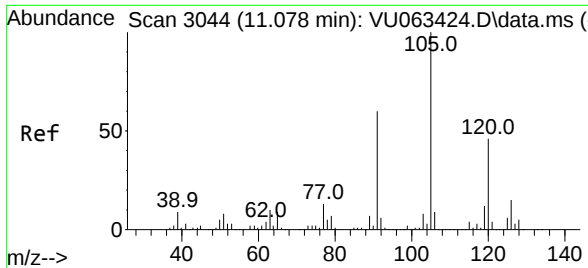
Tgt Ion:120 Resp: 31463
Ion Ratio Lower Upper
120 100
91 461.6 373.7 560.5



#74
2-Chlorotoluene
Concen: 1.864 ug/l
RT: 10.978 min Scan# 3013
Delta R.T. -0.000 min
Lab File: VU063422.D
Acq: 23 Jun 2025 11:08

Tgt Ion:126 Resp: 30192
Ion Ratio Lower Upper
126 100
91 316.1 0.0 650.8

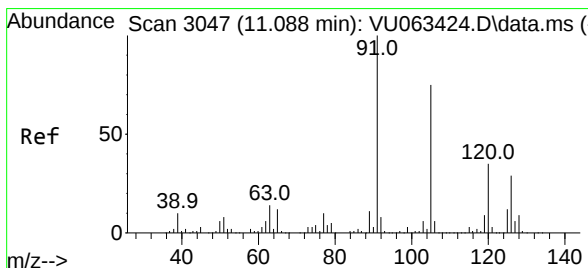
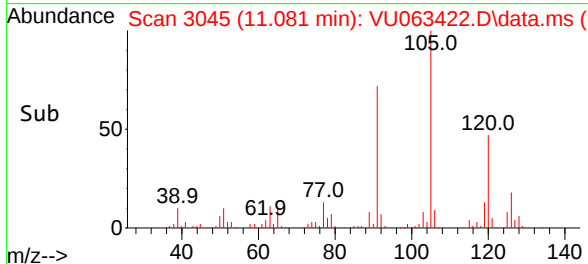
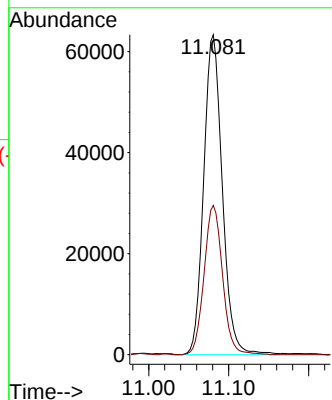
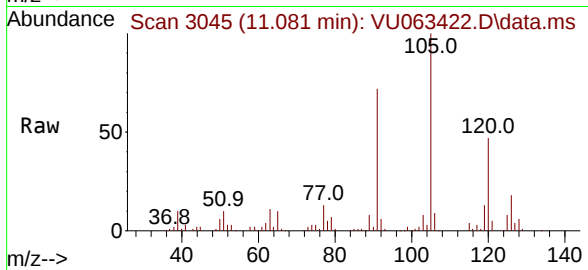




#75
1,3,5-Trimethylbenzene
Concen: 1.800 ug/l
RT: 11.081 min Scan# 3045
Delta R.T. 0.003 min
Lab File: VU063422.D
Acq: 23 Jun 2025 11:08

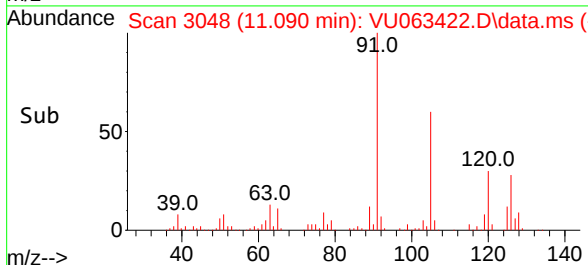
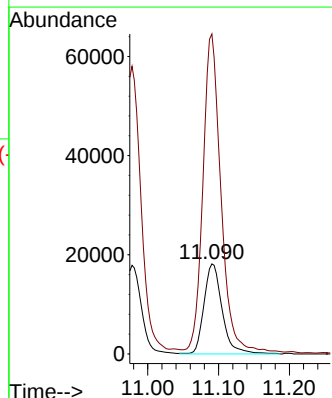
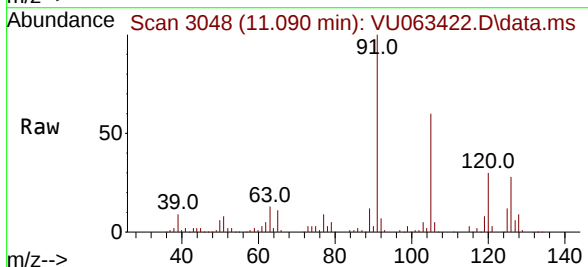
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

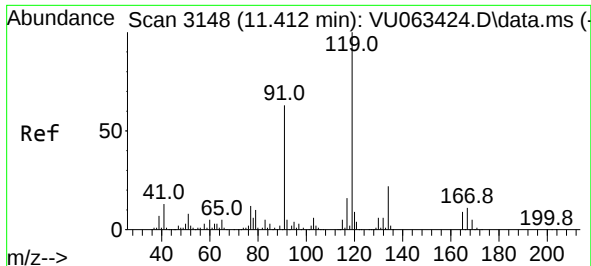
Tgt Ion:105 Resp: 102777
Ion Ratio Lower Upper
105 100
120 46.3 37.0 55.4



#76
4-Chlorotoluene
Concen: 1.911 ug/l
RT: 11.090 min Scan# 3048
Delta R.T. 0.003 min
Lab File: VU063422.D
Acq: 23 Jun 2025 11:08

Tgt Ion:126 Resp: 32426
Ion Ratio Lower Upper
126 100
91 347.6 0.0 713.2

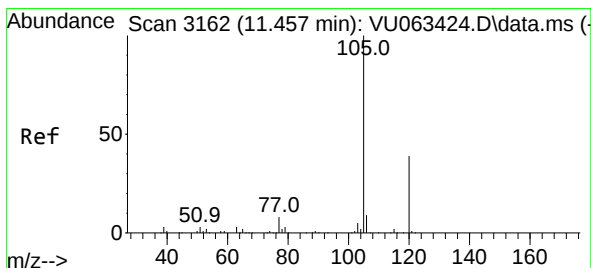
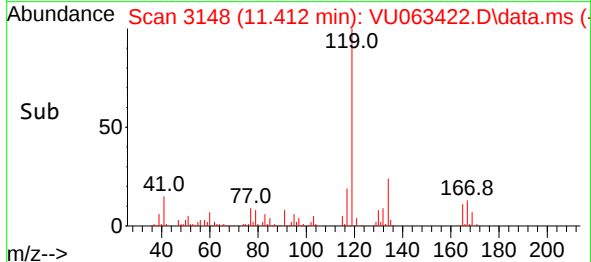
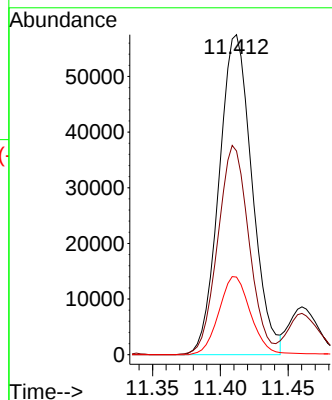
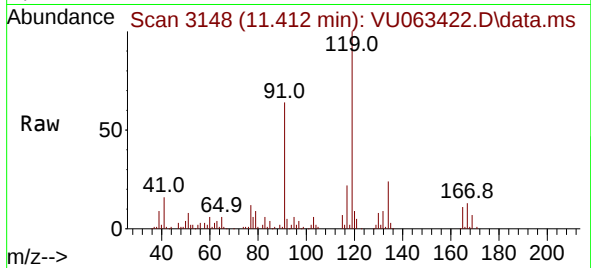




#77
tert-Butylbenzene
Concen: 1.817 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU063422.D
Acq: 23 Jun 2025 11:08

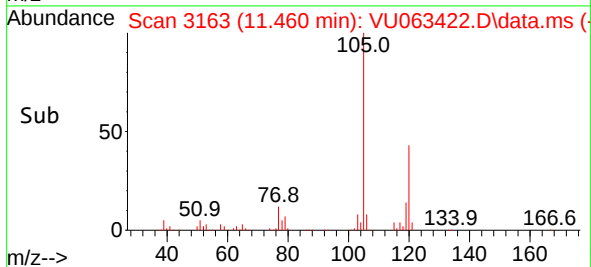
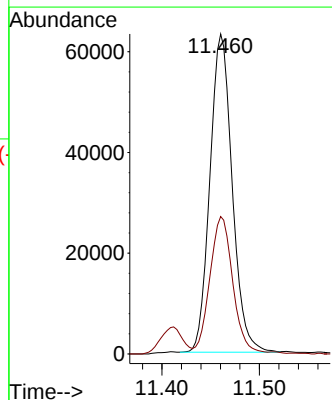
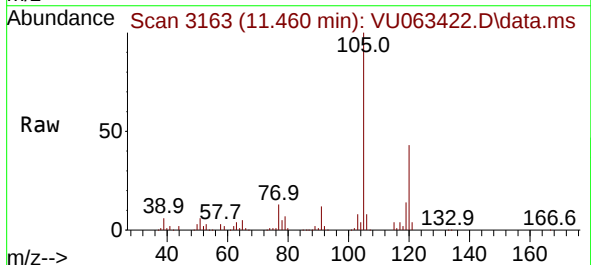
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

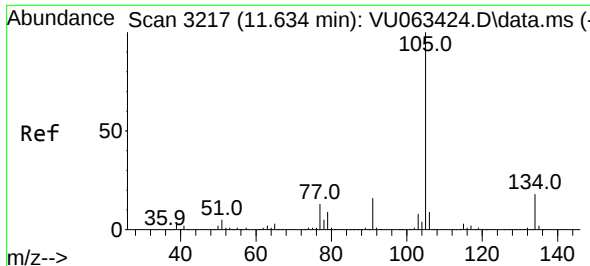
Tgt Ion:119 Resp: 97436
Ion Ratio Lower Upper
119 100
91 62.1 30.9 92.7
134 23.7 17.9 26.9



#78
1,2,4-Trimethylbenzene
Concen: 1.780 ug/l
RT: 11.460 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VU063422.D
Acq: 23 Jun 2025 11:08

Tgt Ion:105 Resp: 100388
Ion Ratio Lower Upper
105 100
120 43.3 22.1 66.5

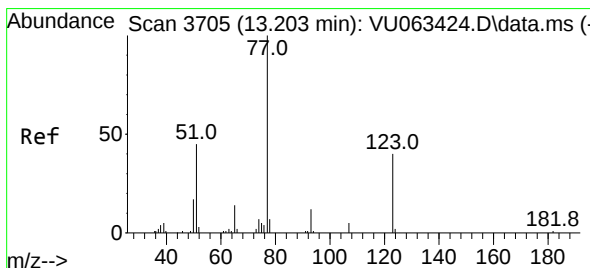
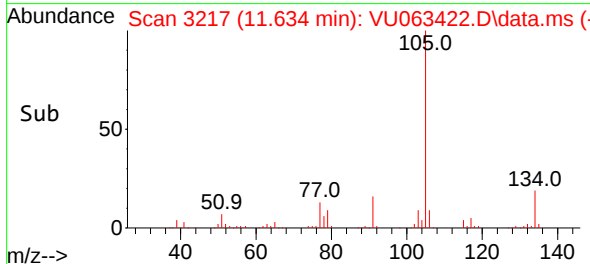
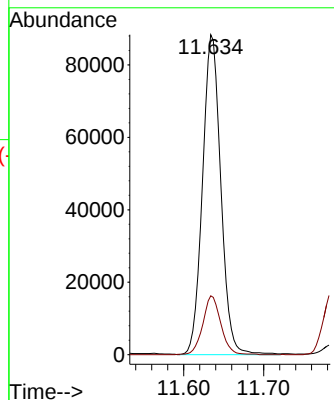
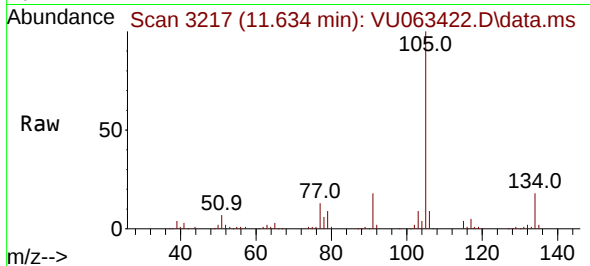




#79
 sec-Butylbenzene
 Concen: 1.857 ug/l
 RT: 11.634 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU063422.D
 Acq: 23 Jun 2025 11:08

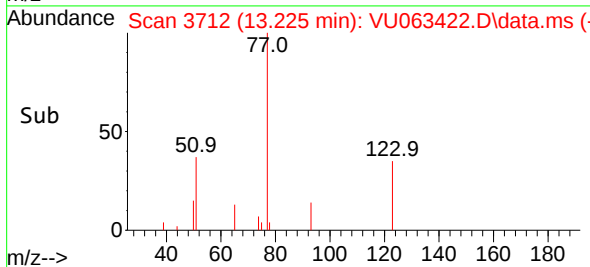
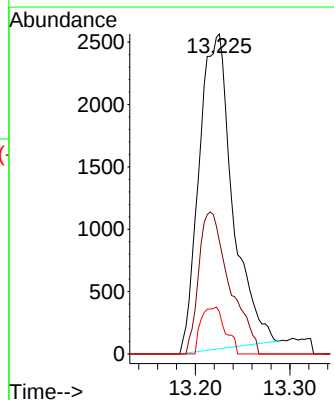
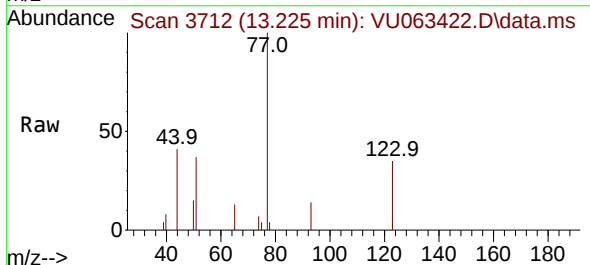
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

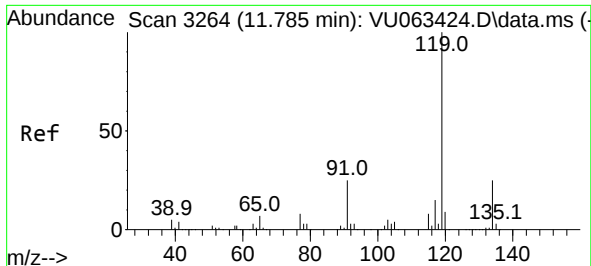
Tgt Ion:105 Resp: 141061
 Ion Ratio Lower Upper
 105 100
 134 18.1 14.8 22.2



#80
 Nitrobenzene
 Concen: 8.936 ug/l
 RT: 13.225 min Scan# 3712
 Delta R.T. 0.022 min
 Lab File: VU063422.D
 Acq: 23 Jun 2025 11:08

Tgt Ion: 77 Resp: 6204
 Ion Ratio Lower Upper
 77 100
 123 41.6 19.6 69.6
 65 10.7 10.6 13.4

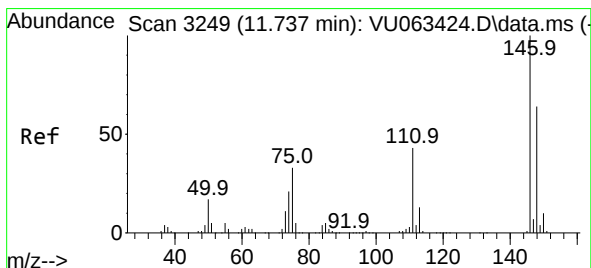
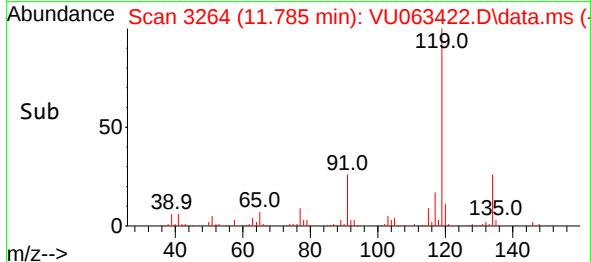
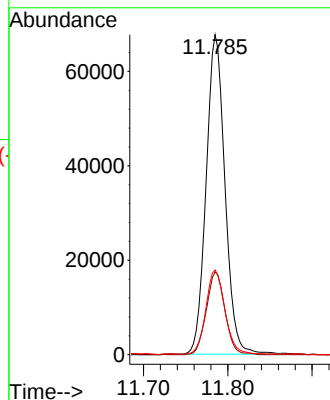
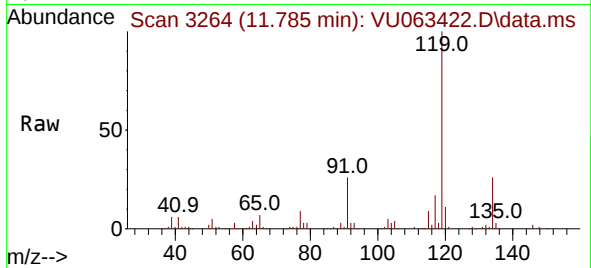




#81
p-Isopropyltoluene
Concen: 1.794 ug/l
RT: 11.785 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU063422.D
Acq: 23 Jun 2025 11:08

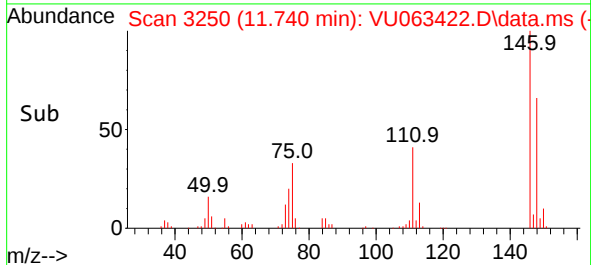
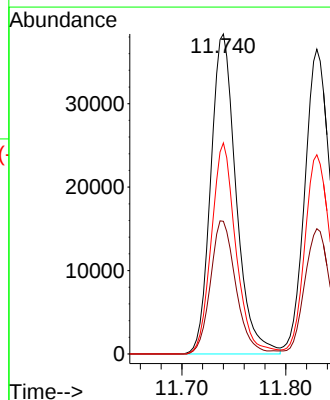
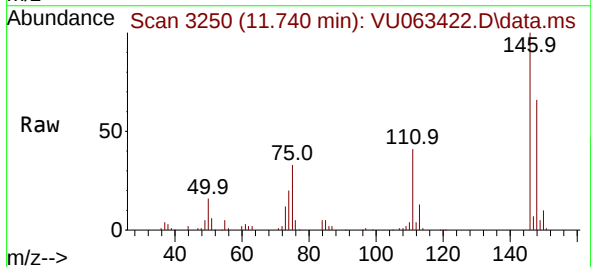
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

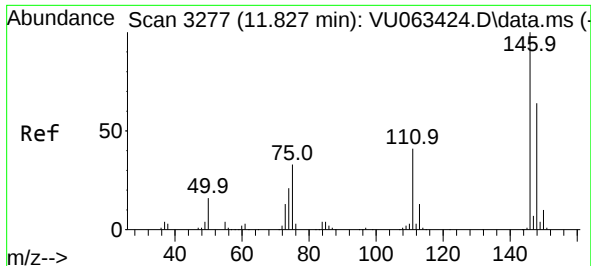
Tgt Ion:119 Resp: 105219
Ion Ratio Lower Upper
119 100
134 25.6 20.2 30.2
91 26.4 19.7 29.5



#82
1,3-Dichlorobenzene
Concen: 1.919 ug/l
RT: 11.740 min Scan# 3250
Delta R.T. 0.003 min
Lab File: VU063422.D
Acq: 23 Jun 2025 11:08

Tgt Ion:146 Resp: 65124
Ion Ratio Lower Upper
146 100
111 41.5 34.3 51.5
148 63.8 51.0 76.4

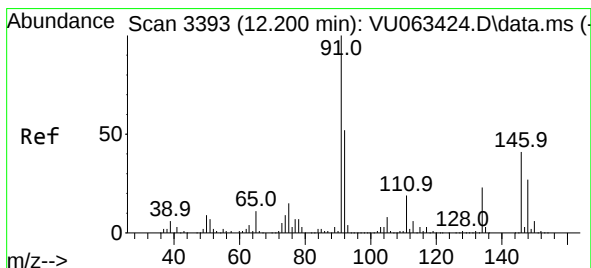
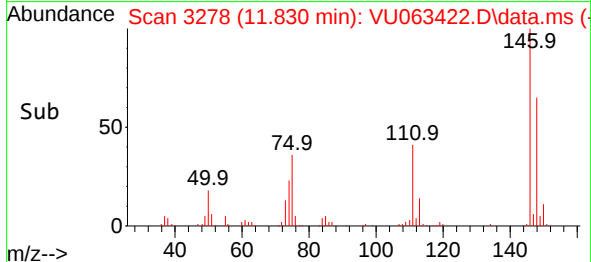
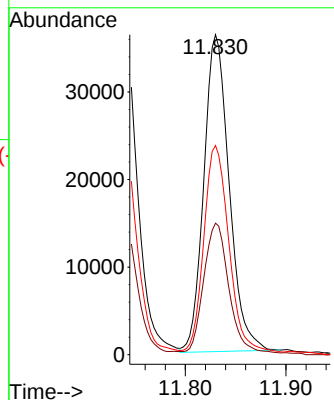
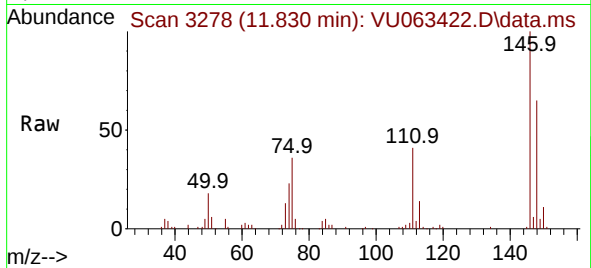




#83
1,4-Dichlorobenzene
Concen: 1.802 ug/l
RT: 11.830 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063422.D
Acq: 23 Jun 2025 11:08

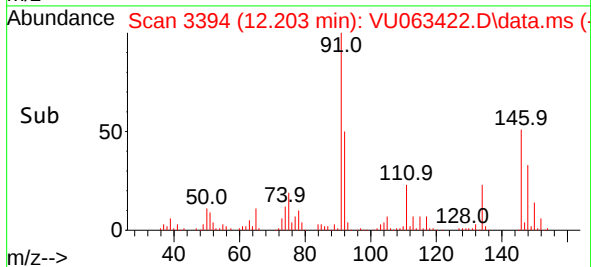
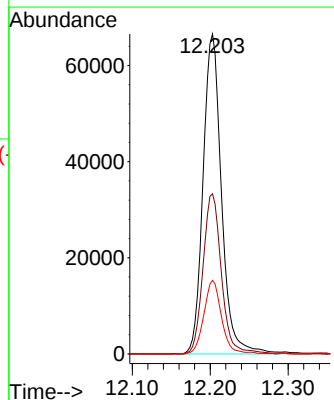
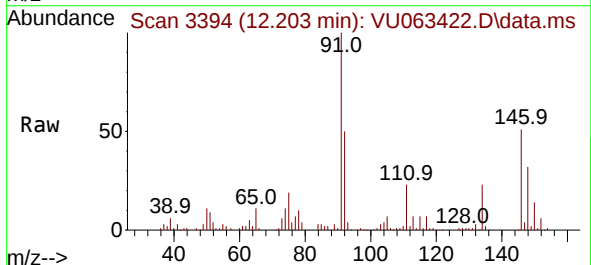
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

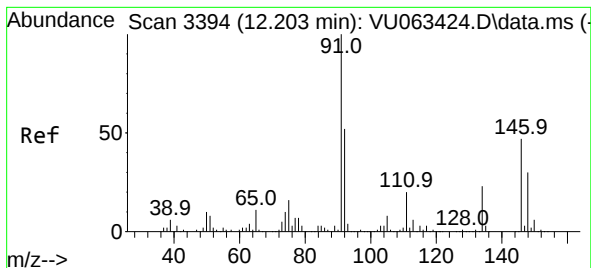
Tgt Ion:146 Resp: 63422
Ion Ratio Lower Upper
146 100
111 42.4 31.7 47.5
148 64.8 51.4 77.0



#84
n-Butylbenzene
Concen: 1.761 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. 0.003 min
Lab File: VU063422.D
Acq: 23 Jun 2025 11:08

Tgt Ion: 91 Resp: 109491
Ion Ratio Lower Upper
91 100
92 49.9 41.0 61.6
134 22.1 18.5 27.7





#85

1,2-Dichlorobenzene

Concen: 1.895 ug/l

RT: 12.206 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU063422.D

Acq: 23 Jun 2025 11:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

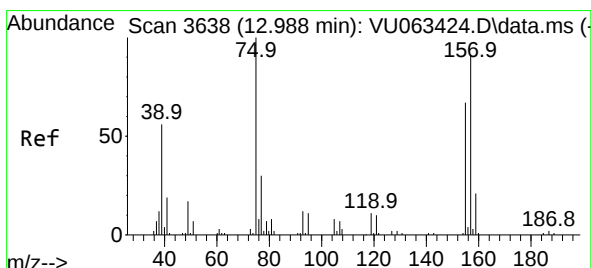
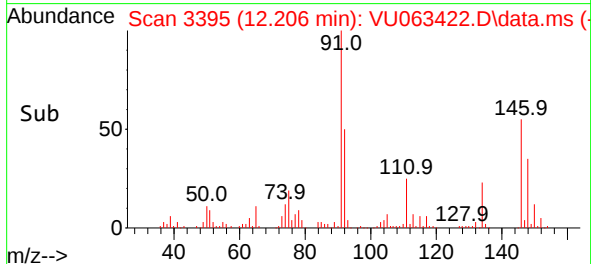
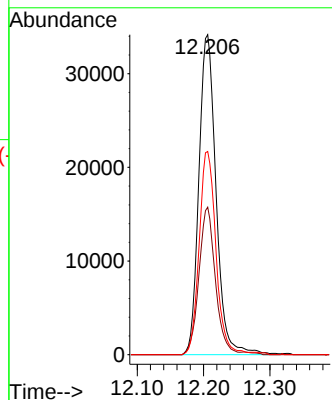
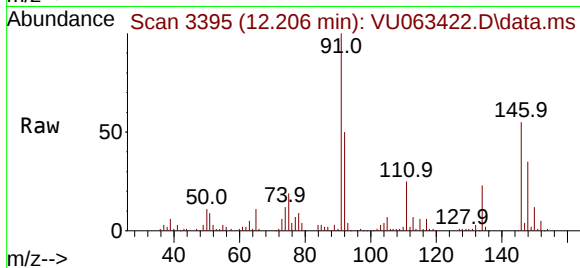
Tgt Ion:146 Resp: 61559

Ion Ratio Lower Upper

146 100

111 44.1 21.8 65.4

148 62.0 32.3 96.9



#86

1,2-Dibromo-3-Chloropropane

Concen: 1.949 ug/l

RT: 12.991 min Scan# 3639

Delta R.T. 0.003 min

Lab File: VU063422.D

Acq: 23 Jun 2025 11:08

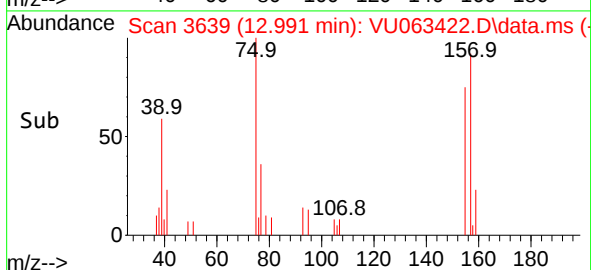
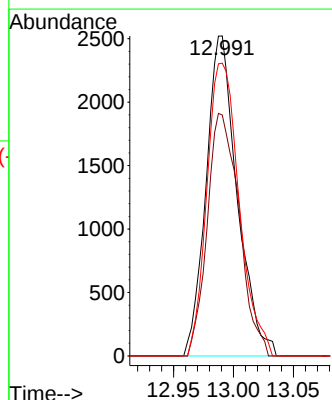
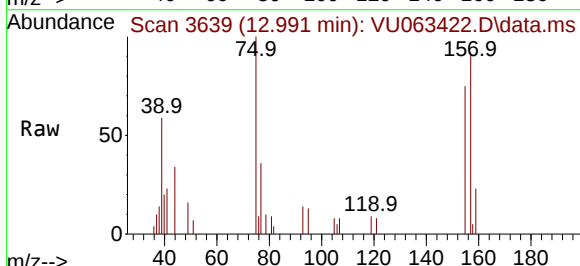
Tgt Ion: 75 Resp: 4551

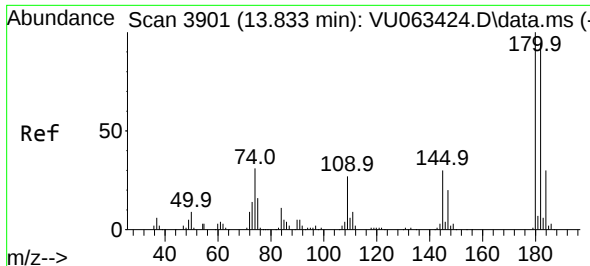
Ion Ratio Lower Upper

75 100

155 77.7 59.7 89.5

157 95.1 75.0 112.4

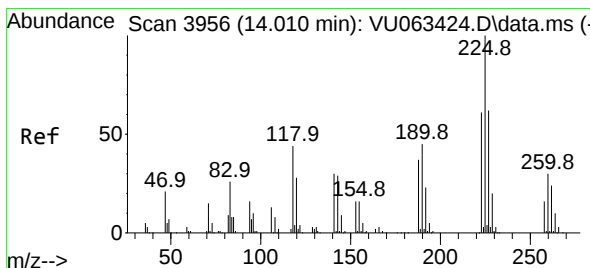
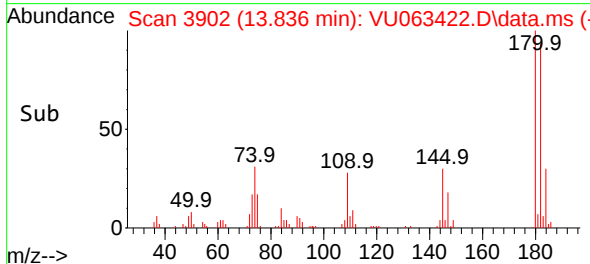
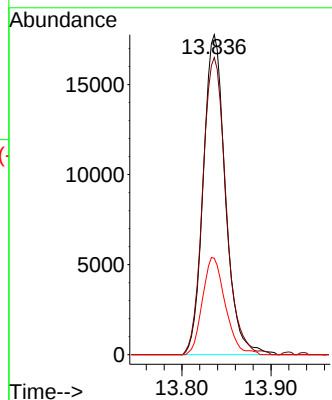
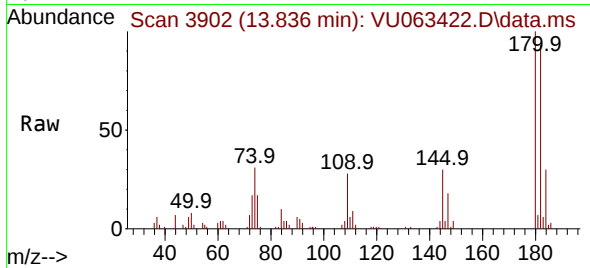




#87
 1,2,4-Trichlorobenzene
 Concen: 1.686 ug/l
 RT: 13.836 min Scan# 3901
 Delta R.T. 0.003 min
 Lab File: VU063422.D
 Acq: 23 Jun 2025 11:08

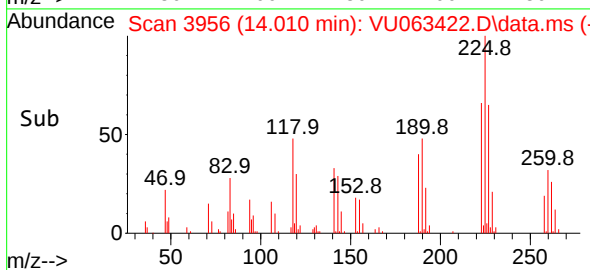
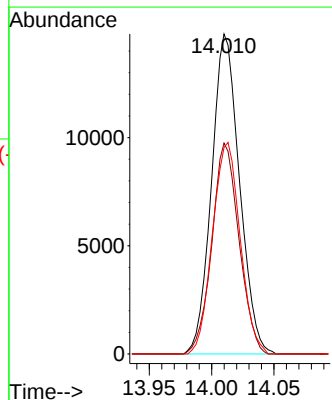
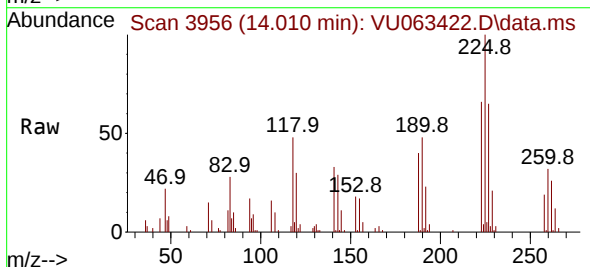
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

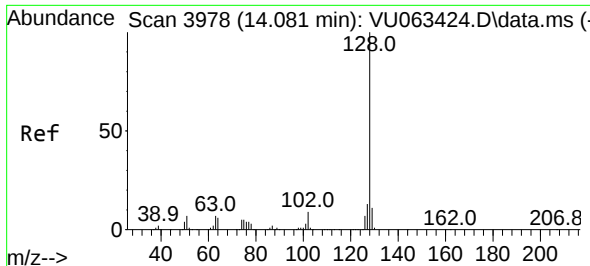
Tgt Ion:180 Resp: 30530
 Ion Ratio Lower Upper
 180 100
 182 97.7 75.6 113.4
 145 31.4 24.6 36.8



#88
 Hexachlorobutadiene
 Concen: 1.795 ug/l
 RT: 14.010 min Scan# 3956
 Delta R.T. -0.000 min
 Lab File: VU063422.D
 Acq: 23 Jun 2025 11:08

Tgt Ion:225 Resp: 23048
 Ion Ratio Lower Upper
 225 100
 223 63.9 50.0 75.0
 227 65.5 51.5 77.3

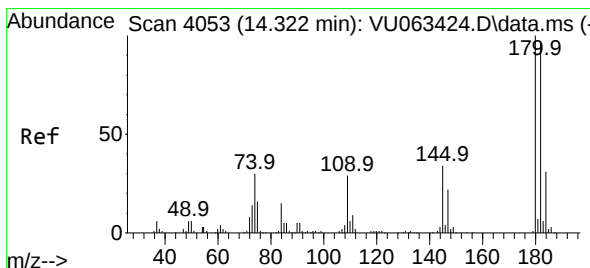
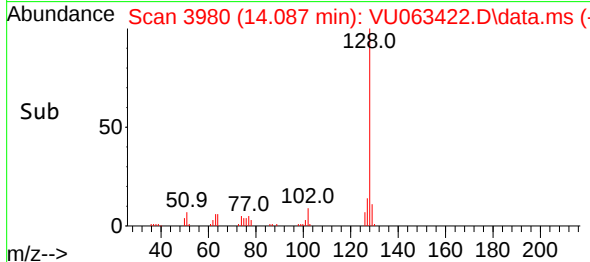
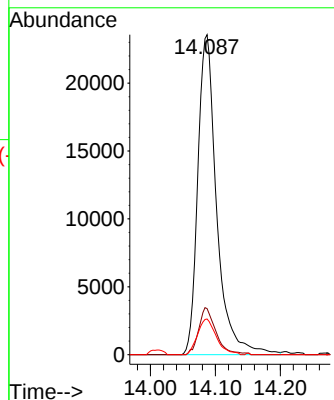
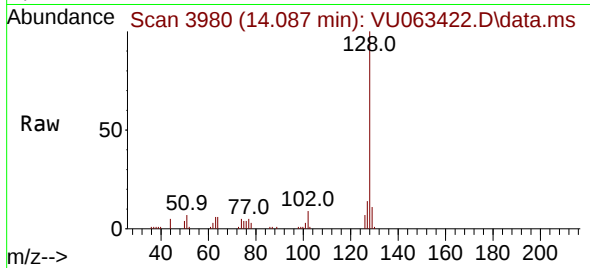




#89
Naphthalene
Concen: 2.039 ug/l
RT: 14.087 min Scan# 3978
Delta R.T. 0.006 min
Lab File: VU063422.D
Acq: 23 Jun 2025 11:08

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion:	128	Resp:	47683
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.4	15.6
129	11.1	8.7	13.1



#90
1,2,3-Trichlorobenzene
Concen: 1.658 ug/l
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU063422.D
Acq: 23 Jun 2025 11:08

Tgt Ion:	180	Resp:	29863
Ion Ratio	Lower	Upper	
180	100		
182	95.1	76.7	115.1
145	34.5	27.4	41.2

