

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111725\
 Data File : VU063722.D
 Acq On : 17 Nov 2025 12:09
 Operator : MD/SY
 Sample : VSTD05047
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050047

Quant Time: Nov 18 01:27:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM111725WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 18 01:25:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.219	114	333307	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.393	117	320324	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.788	152	172570	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.583	65	144319	60.916	ug/L	0.00
7) Chloroethane-d5	1.894	69	110776	56.557	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.544	63	246561	59.055	ug/L	0.00
21) 2-Butanone-d5	4.592	46	166027	106.604	ug/L	0.00
24) Chloroform-d	5.029	84	248733	57.470	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.669	65	157519	56.240	ug/L	0.00
32) Benzene-d6	5.695	84	478052	59.904	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.660	67	137050	53.988	ug/L	0.00
41) Toluene-d8	7.872	98	444706	59.238	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.151	79	57241	59.822	ug/L	0.00
47) 2-Hexanone-d5	8.608	63	106726	113.032	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.727	84	202732	52.224	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.167	152	160560	54.155	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.374	85	95984	52.872	ug/L	100
3) Chloromethane	1.509	50	103958	45.974	ug/L	100
5) Vinyl chloride	1.589	62	124651	46.057	ug/L	100
6) Bromomethane	1.837	94	76972	45.170	ug/L	100
8) Chloroethane	1.914	64	84432	46.154	ug/L	100
9) Trichlorofluoromethane	2.116	101	196454	49.289	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.554	101	116598	52.200	ug/L	100
12) 1,1-Dichloroethene	2.554	96	105089	52.640	ug/L	100
13) Acetone	2.602	43	216117	111.399	ug/L	100
14) Carbon disulfide	2.766	76	270810	52.301	ug/L	100
15) Methyl Acetate	2.923	43	136382	50.064	ug/L	100
16) Methylene chloride	3.017	84	123048	49.381	ug/L	100
17) trans-1,2-Dichloroethene	3.322	96	115772	53.664	ug/L	100
18) Methyl tert-butyl Ether	3.335	73	387879	55.194	ug/L	100
19) 1,1-Dichloroethane	3.833	63	219147	50.955	ug/L	100
20) cis-1,2-Dichloroethene	4.631	96	132625	52.785	ug/L	100
22) 2-Butanone	4.669	43	228402	104.462	ug/L	100
23) Bromochloromethane	4.939	128	68372	52.236	ug/L	100
25) Chloroform	5.052	83	235643	51.240	ug/L	100
27) 1,2-Dichloroethane	5.762	62	188526	50.112	ug/L	100
29) Cyclohexane	5.354	56	200314	52.847	ug/L	100
30) 1,1,1-Trichloroethane	5.283	97	200224	55.624	ug/L	100
31) Carbon tetrachloride	5.492	117	160588	56.010	ug/L	100
33) Benzene	5.743	78	480509	51.711	ug/L	100
34) Trichloroethene	6.515	95	135755	51.287	ug/L	100
35) Methylcyclohexane	6.733	83	204785	54.085	ug/L	100
37) 1,2-Dichloropropane	6.759	63	125119	48.673	ug/L	100
38) Bromodichloromethane	7.074	83	169687	54.505	ug/L	100
39) cis-1,3-Dichloropropene	7.579	75	176510	52.219	ug/L	100
40) 4-Methyl-2-pentanone	7.762	43	367694	99.522	ug/L	100
42) Toluene	7.942	91	535417	52.151	ug/L	100
44) trans-1,3-Dichloropropene	8.184	75	163846	55.877	ug/L	100

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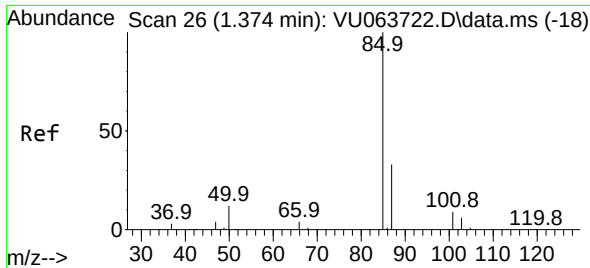
Quant Time: Nov 18 01:27:38 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.373	97	131998	52.466	ug/L	100
46) Tetrachloroethene	8.524	164	104850	54.189	ug/L	100
48) 2-Hexanone	8.656	43	295150	104.066	ug/L	100
49) Dibromochloromethane	8.782	129	126120	55.163	ug/L	100
50) 1,2-Dibromoethane	8.894	107	137578	52.635	ug/L	100
51) Chlorobenzene	9.421	112	356361	52.258	ug/L	100
52) Ethylbenzene	9.544	91	619897	54.208	ug/L	100
53) m,p-Xylene	9.669	106	236896	55.071	ug/L	100
54) o-Xylene	10.074	106	227901	53.811	ug/L	100
55) Styrene	10.090	104	381639	54.989	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.753	83	213730	50.582	ug/L	100
59) Bromoform	10.264	173	94767	54.824	ug/L	100
60) 1,2,3-Trichloropropane	10.794	75	174928	48.311	ug/L	100
61) Isopropylbenzene	10.457	105	625267	52.481	ug/L	100
62) 1,3,5-Trimethylbenzene	11.061	105	519067	53.094	ug/L	100
63) 1,2,4-Trimethylbenzene	11.441	105	496031	52.496	ug/L	100
64) 1,3-Dichlorobenzene	11.720	146	278353	51.425	ug/L	100
65) 1,4-Dichlorobenzene	11.810	146	278205	50.927	ug/L	100
67) 1,2-Dichlorobenzene	12.187	146	270469	51.039	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.968	75	45442	54.406	ug/L	100
69) 1,3,5-Trichlorobenzene	13.190	180	193460	51.221	ug/L	100
70) 1,2,4-trichlorobenzene	13.810	180	156987	50.451	ug/L	100
71) Naphthalene	14.058	128	424436	50.190	ug/L	100
72) 1,2,3-Trichlorobenzene	14.299	180	148843	49.912	ug/L	100

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

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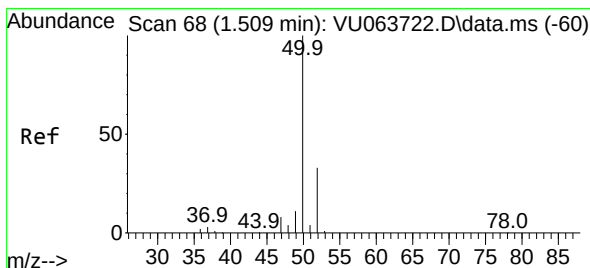
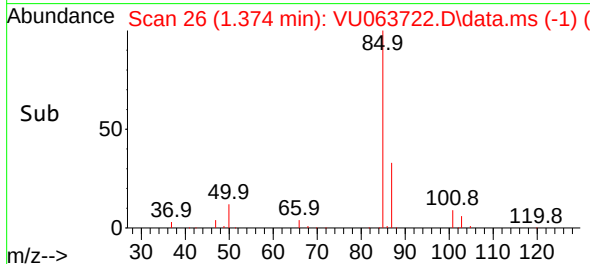
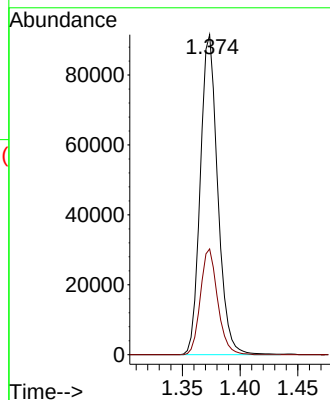
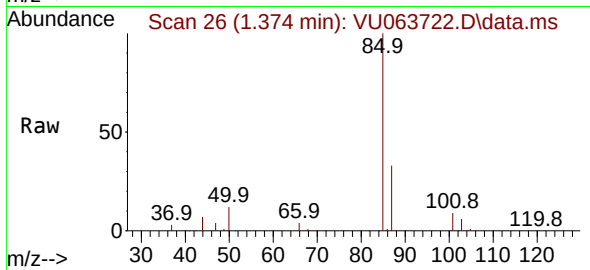




#2
Dichlorodifluoromethane
Concen: 52.872 ug/L
RT: 1.374 min Scan# 26
Delta R.T. 0.000 min
Lab File: VU063722.D
Acq: 17 Nov 2025 12:09

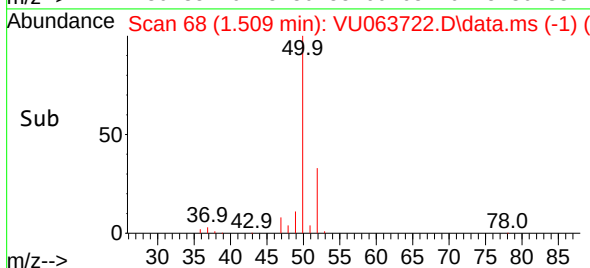
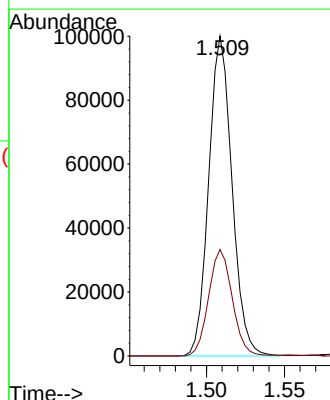
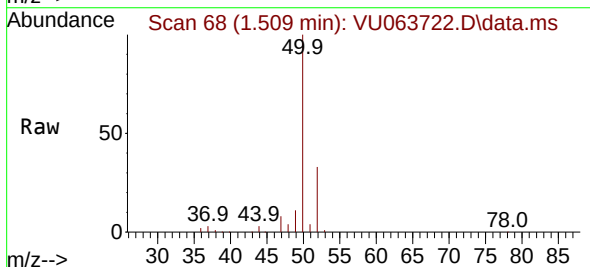
Instrument :
MSVOA_U
ClientSampleId :
VSTD050047

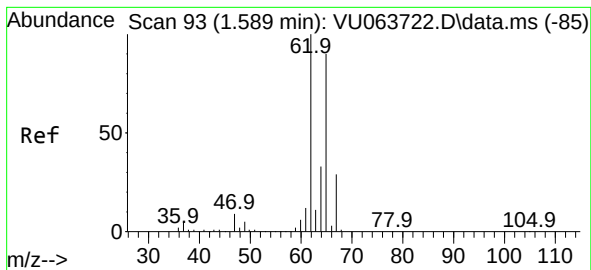
Tgt Ion: 85 Resp: 95984
Ion Ratio Lower Upper
85 100
87 32.7 26.2 39.2



#3
Chloromethane
Concen: 45.974 ug/L
RT: 1.509 min Scan# 68
Delta R.T. 0.000 min
Lab File: VU063722.D
Acq: 17 Nov 2025 12:09

Tgt Ion: 50 Resp: 103958
Ion Ratio Lower Upper
50 100
52 33.2 23.2 43.2





#5

Vinyl chloride

Concen: 46.057 ug/L

RT: 1.589 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU063722.D

Acq: 17 Nov 2025 12:09

Instrument :

MSVOA_U

ClientSampleId :

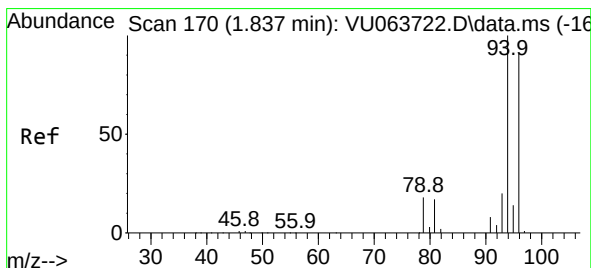
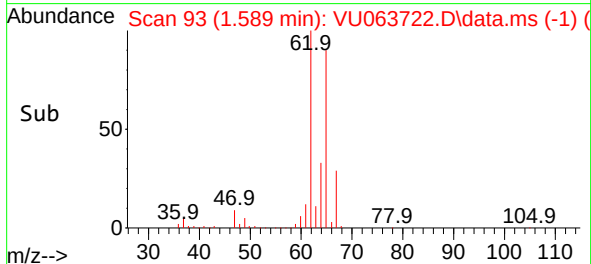
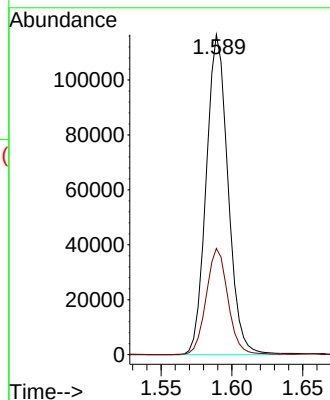
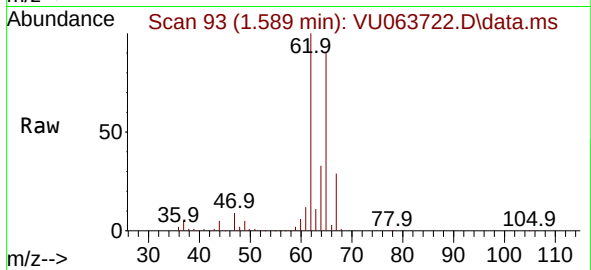
VSTD050047

Tgt Ion: 62 Resp: 124651

Ion Ratio Lower Upper

62 100

64 33.2 23.2 43.2



#6

Bromomethane

Concen: 45.170 ug/L

RT: 1.837 min Scan# 170

Delta R.T. 0.000 min

Lab File: VU063722.D

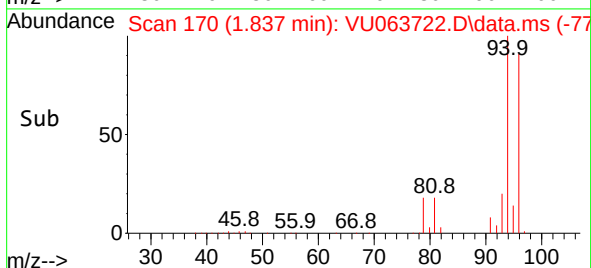
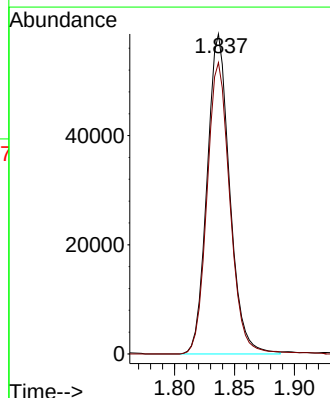
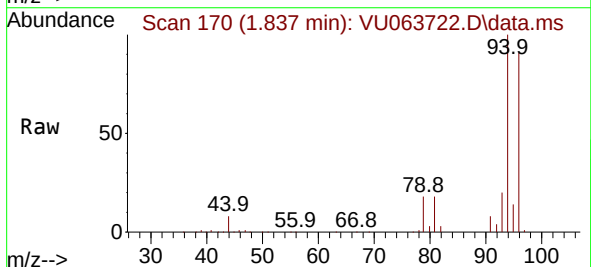
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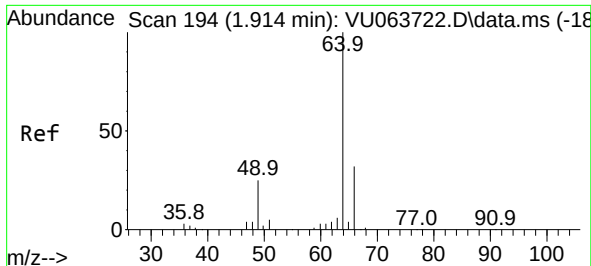
Tgt Ion: 94 Resp: 76972

Ion Ratio Lower Upper

94 100

96 91.1 63.8 118.4





#8

Chloroethane

Concen: 46.154 ug/L

RT: 1.914 min Scan# 194

Delta R.T. 0.000 min

Lab File: VU063722.D

Acq: 17 Nov 2025 12:09

Instrument :

MSVOA_U

ClientSampleId :

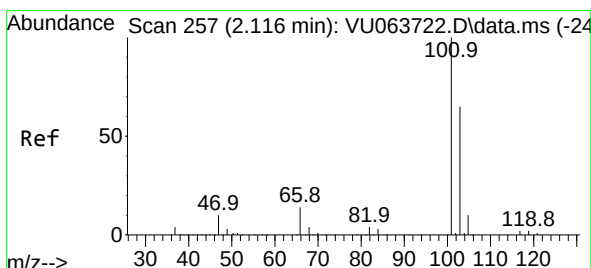
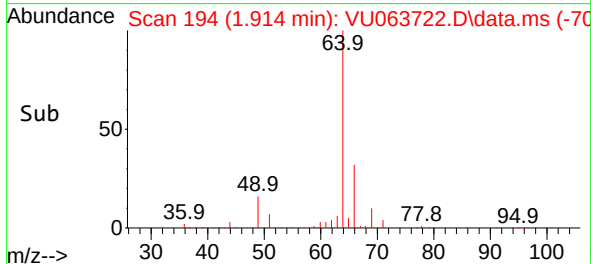
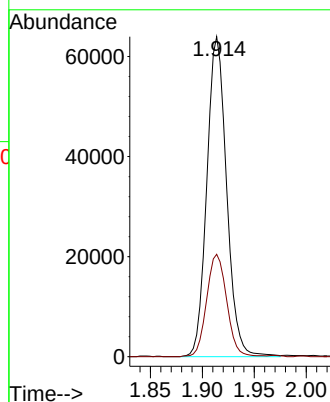
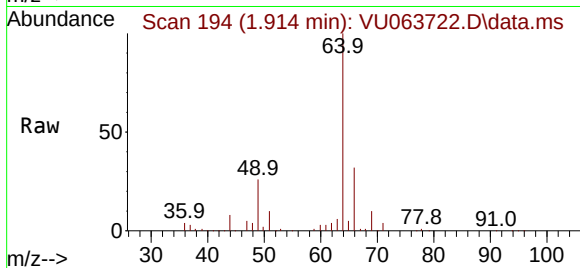
VSTD050047

Tgt Ion: 64 Resp: 84432

Ion Ratio Lower Upper

64 100

66 32.0 22.4 41.6



#9

Trichlorofluoromethane

Concen: 49.289 ug/L

RT: 2.116 min Scan# 257

Delta R.T. 0.000 min

Lab File: VU063722.D

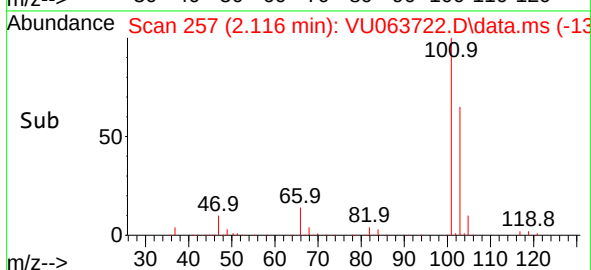
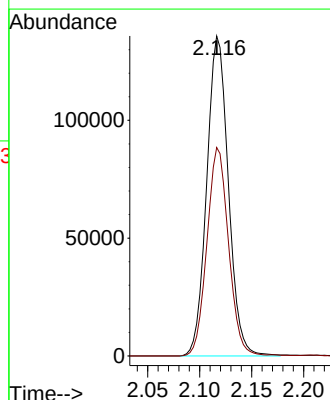
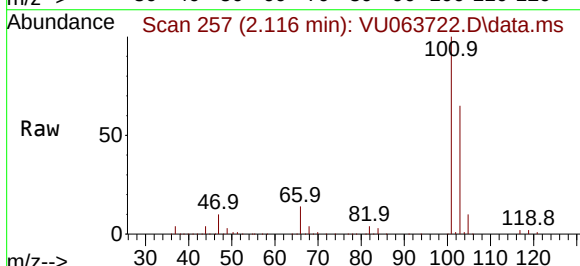
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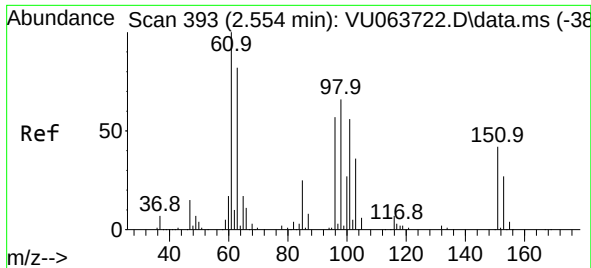
Tgt Ion:101 Resp: 196454

Ion Ratio Lower Upper

101 100

103 65.0 52.0 78.0

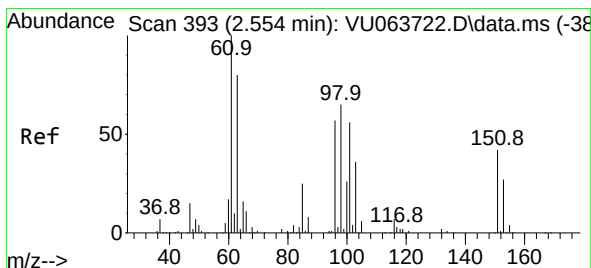
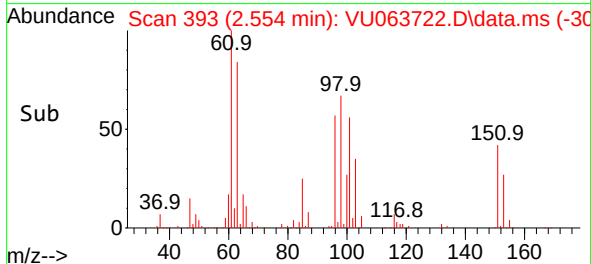
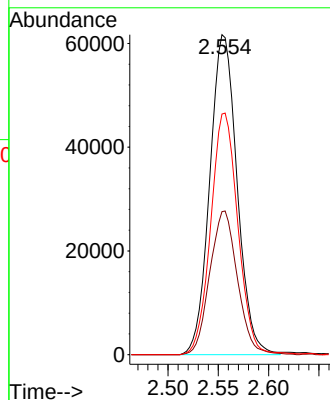
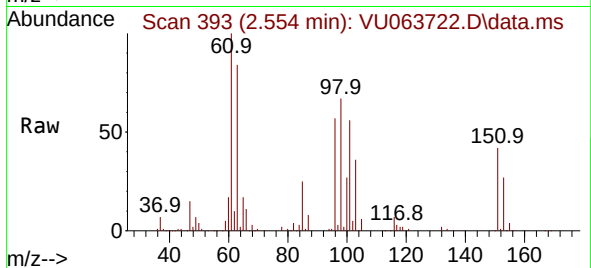




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 52.200 ug/L
 RT: 2.554 min Scan# 393
 Delta R.T. 0.000 min
 Lab File: VU063722.D
 Acq: 17 Nov 2025 12:09

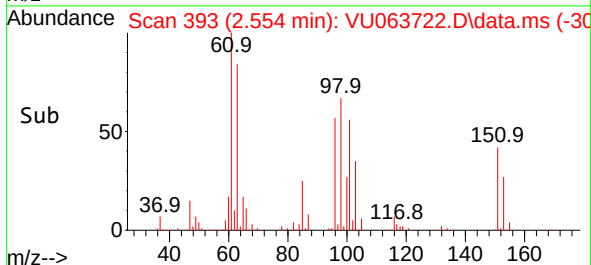
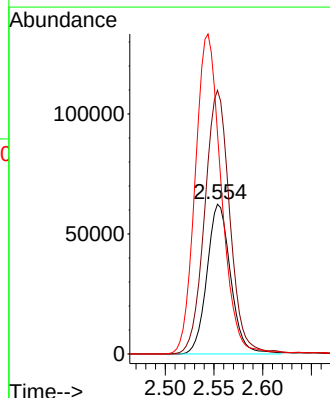
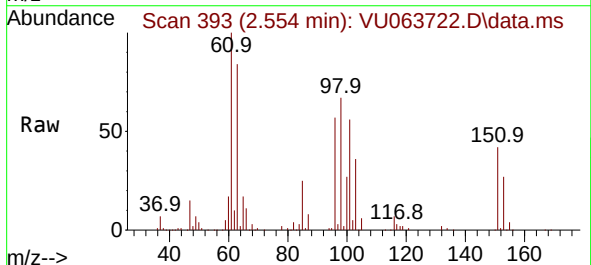
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050047

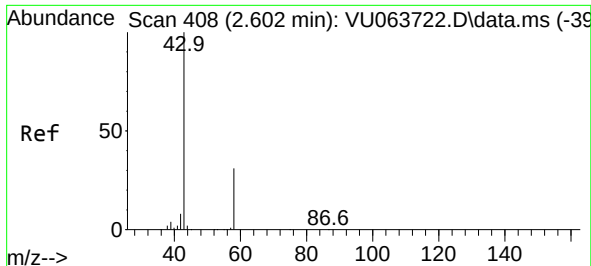
Tgt Ion:101 Resp: 116598
 Ion Ratio Lower Upper
 101 100
 85 45.4 36.3 54.5
 151 75.1 60.1 90.1



#12
 1,1-Dichloroethene
 Concen: 52.640 ug/L
 RT: 2.554 min Scan# 393
 Delta R.T. 0.000 min
 Lab File: VU063722.D
 Acq: 17 Nov 2025 12:09

Tgt Ion: 96 Resp: 105089
 Ion Ratio Lower Upper
 96 100
 61 176.1 123.3 228.9
 63 147.5 103.3 191.8





#13

Acetone

Concen: 111.399 ug/L

RT: 2.602 min Scan# 408

Delta R.T. 0.000 min

Lab File: VU063722.D

Acq: 17 Nov 2025 12:09

Instrument :

MSVOA_U

ClientSampleId :

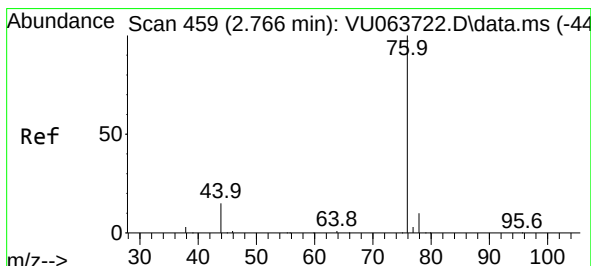
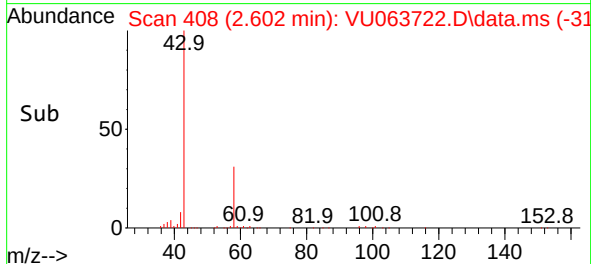
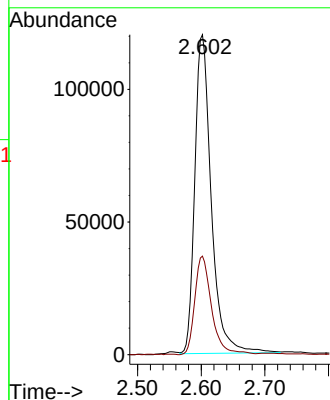
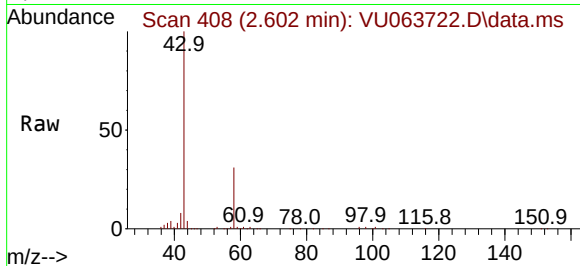
VSTD050047

Tgt Ion: 43 Resp: 216117

Ion Ratio Lower Upper

43 100

58 31.7 0.0 63.4



#14

Carbon disulfide

Concen: 52.301 ug/L

RT: 2.766 min Scan# 459

Delta R.T. 0.000 min

Lab File: VU063722.D

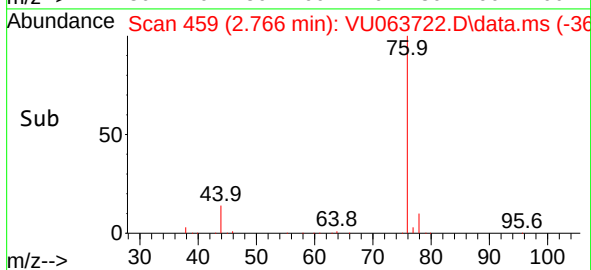
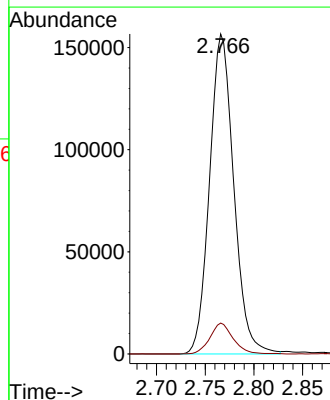
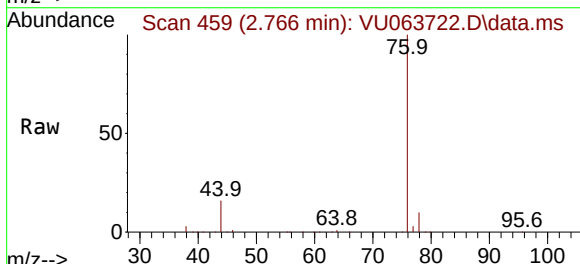
Acq: 17 Nov 2025 12:09

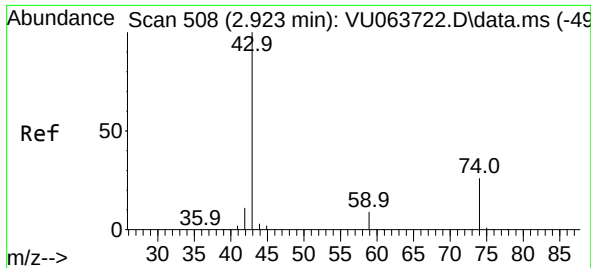
Tgt Ion: 76 Resp: 270810

Ion Ratio Lower Upper

76 100

78 9.7 7.8 11.6

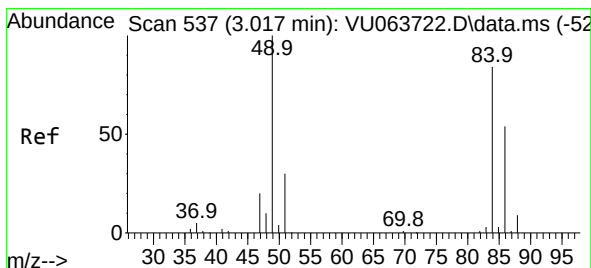
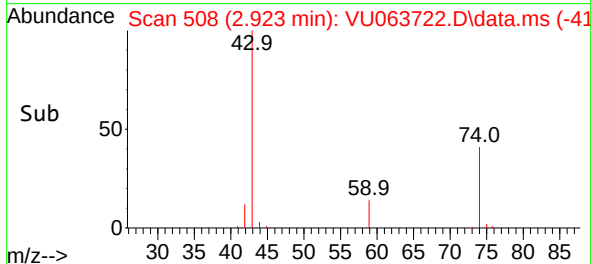
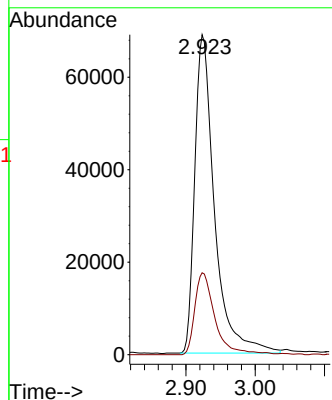
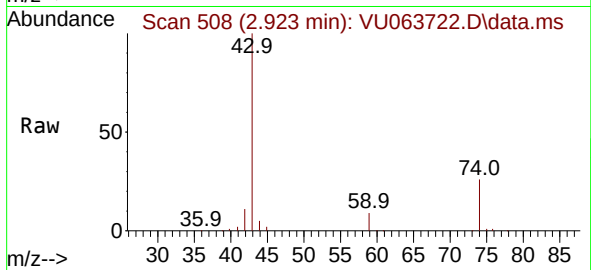




#15
Methyl Acetate
Concen: 50.064 ug/L
RT: 2.923 min Scan# 508
Delta R.T. 0.000 min
Lab File: VU063722.D
Acq: 17 Nov 2025 12:09

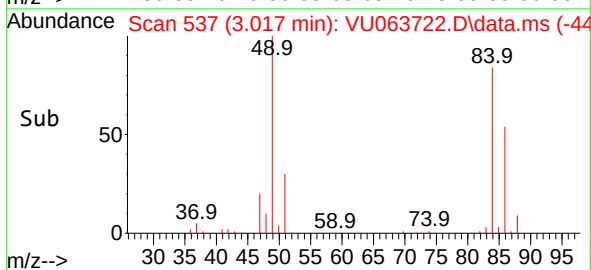
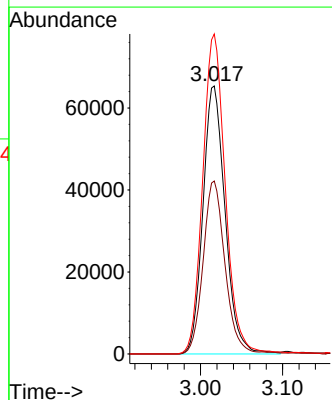
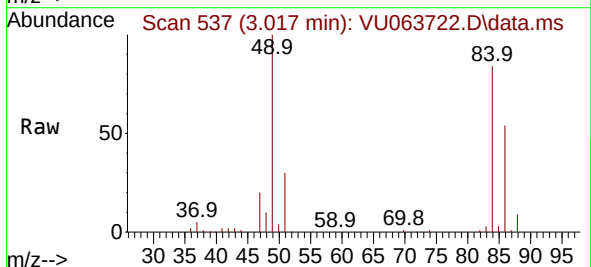
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MSVOA_U
ClientSampleId :
VSTD050047

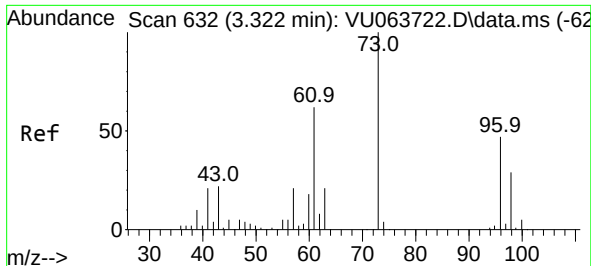
Tgt Ion: 43 Resp: 136382
Ion Ratio Lower Upper
43 100
74 25.6 20.5 30.7



#16
Methylene chloride
Concen: 49.381 ug/L
RT: 3.017 min Scan# 537
Delta R.T. 0.000 min
Lab File: VU063722.D
Acq: 17 Nov 2025 12:09

Tgt Ion: 84 Resp: 123048
Ion Ratio Lower Upper
84 100
86 64.6 45.2 84.0
49 119.4 83.6 155.2

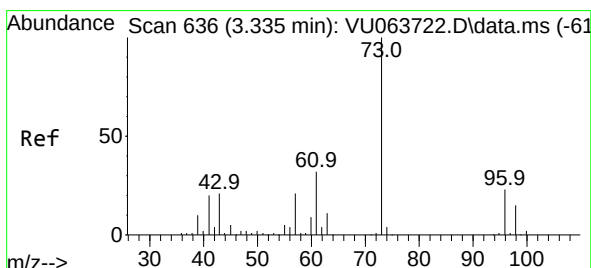
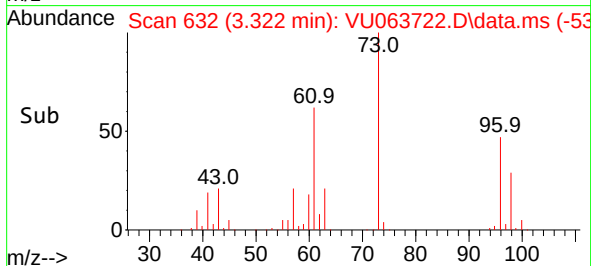
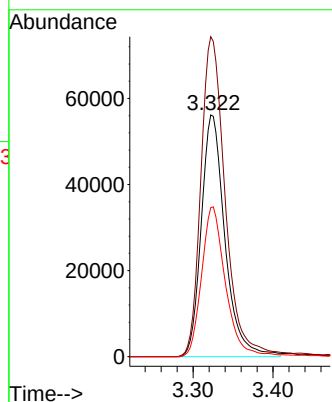
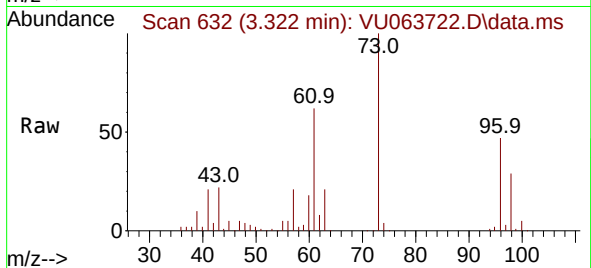




#17
trans-1,2-Dichloroethene
Concen: 53.664 ug/L
RT: 3.322 min Scan# 611
Delta R.T. 0.000 min
Lab File: VU063722.D
Acq: 17 Nov 2025 12:09

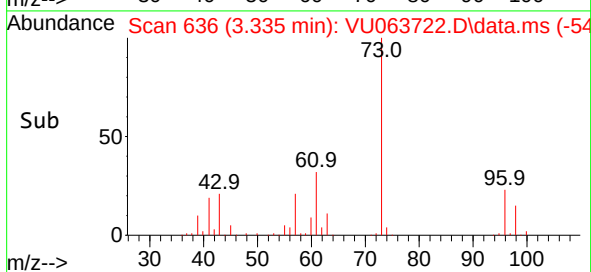
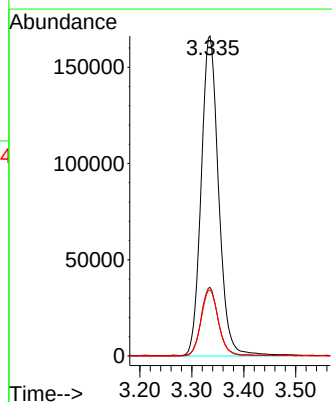
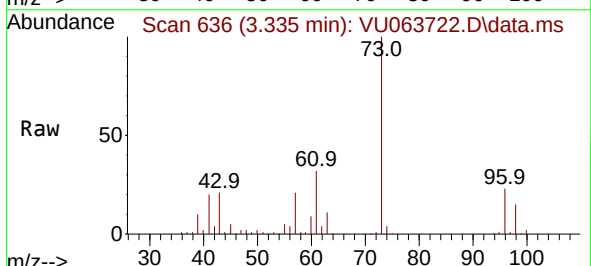
Instrument :
MSVOA_U
ClientSampleId :
VSTD050047

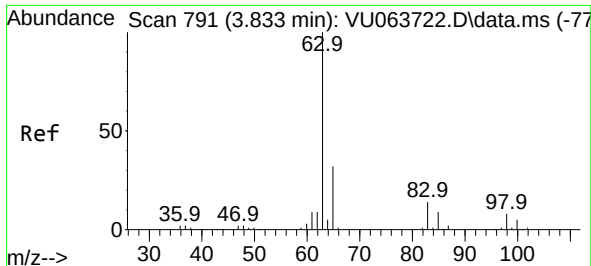
Tgt Ion: 96 Resp: 115772
Ion Ratio Lower Upper
96 100
61 132.4 92.7 172.1
98 61.7 43.2 80.2



#18
Methyl tert-butyl Ether
Concen: 55.194 ug/L
RT: 3.335 min Scan# 636
Delta R.T. 0.000 min
Lab File: VU063722.D
Acq: 17 Nov 2025 12:09

Tgt Ion: 73 Resp: 387879
Ion Ratio Lower Upper
73 100
43 20.7 16.6 24.8
57 20.4 16.3 24.5





#19

1,1-Dichloroethane

Concen: 50.955 ug/L

RT: 3.833 min Scan# 791

Delta R.T. 0.000 min

Lab File: VU063722.D

Acq: 17 Nov 2025 12:09

Instrument :

MSVOA_U

ClientSampleId :

VSTD050047

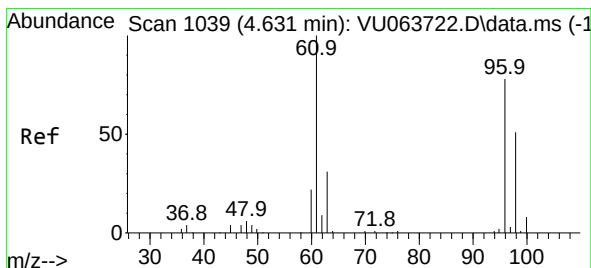
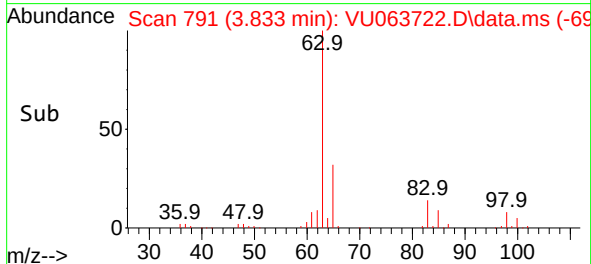
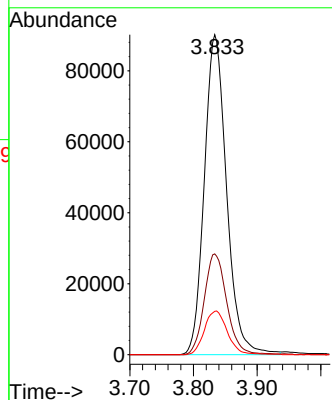
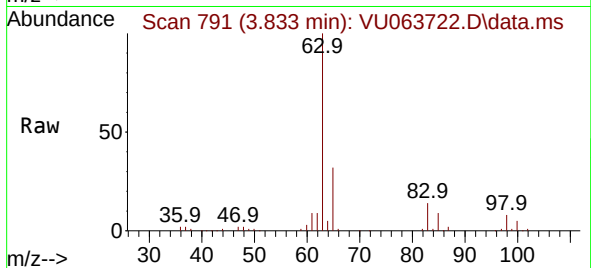
Tgt Ion: 63 Resp: 219147

Ion Ratio Lower Upper

63 100

65 31.5 22.0 41.0

83 13.6 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 52.785 ug/L

RT: 4.631 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VU063722.D

Acq: 17 Nov 2025 12:09

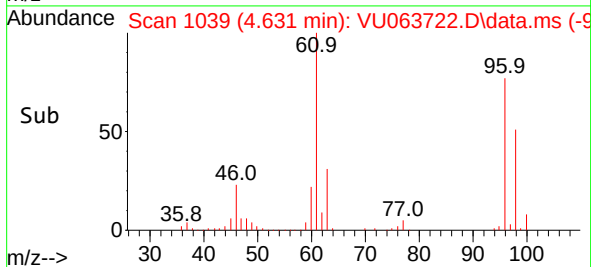
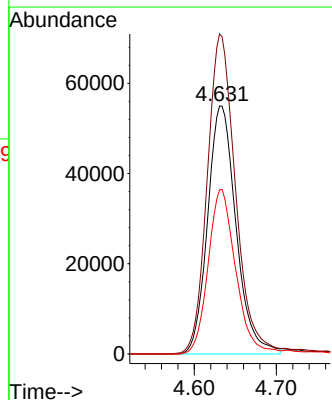
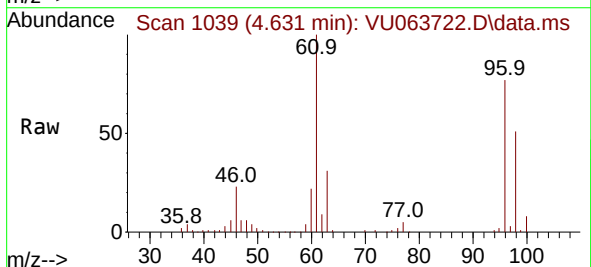
Tgt Ion: 96 Resp: 132625

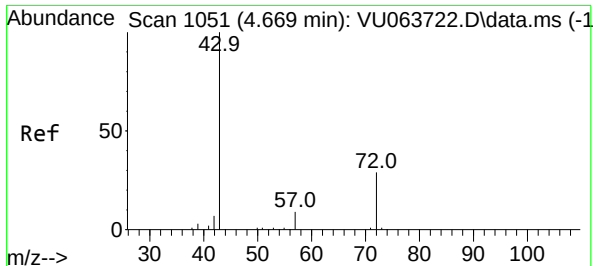
Ion Ratio Lower Upper

96 100

61 129.0 90.3 167.7

98 66.2 46.3 86.1

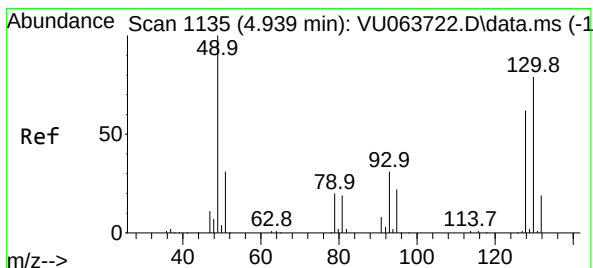
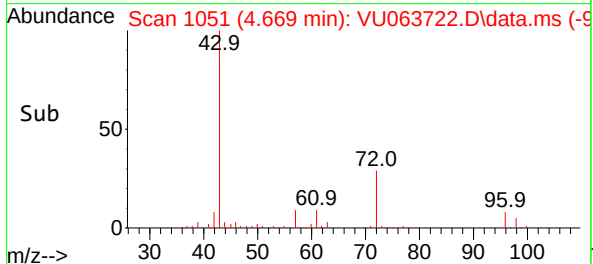
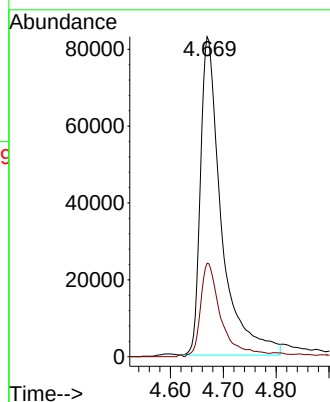
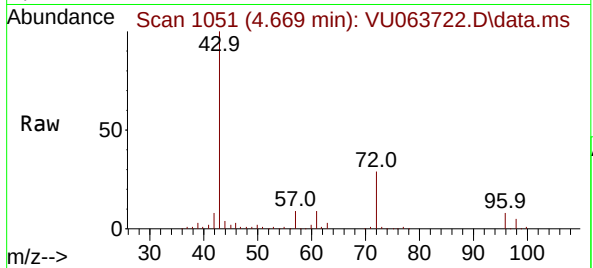




#22
2-Butanone
Concen: 104.462 ug/L
RT: 4.669 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VU063722.D
Acq: 17 Nov 2025 12:09

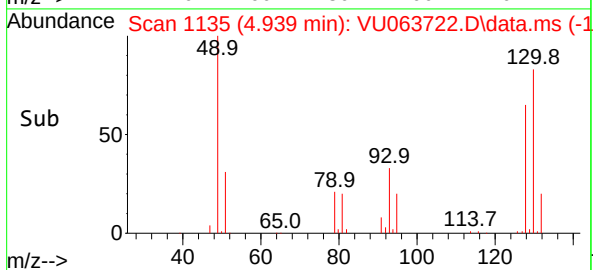
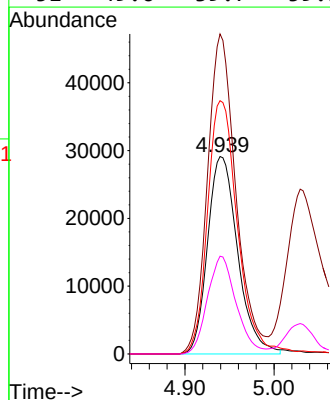
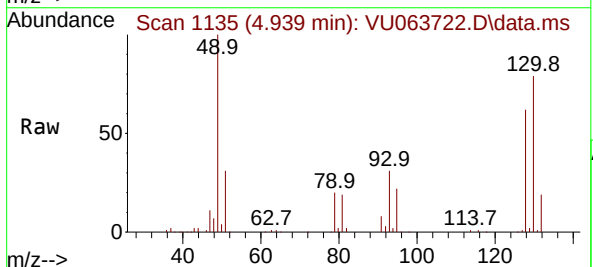
Instrument :
MSVOA_U
ClientSampleId :
VSTD050047

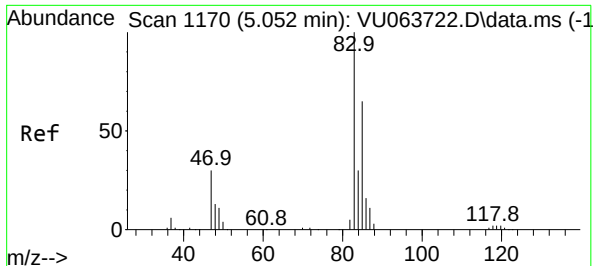
Tgt Ion: 43 Resp: 228402
Ion Ratio Lower Upper
43 100
72 27.1 13.6 40.7



#23
Bromochloromethane
Concen: 52.236 ug/L
RT: 4.939 min Scan# 1135
Delta R.T. 0.000 min
Lab File: VU063722.D
Acq: 17 Nov 2025 12:09

Tgt Ion:128 Resp: 68372
Ion Ratio Lower Upper
128 100
49 162.1 113.5 210.7
130 128.3 89.8 166.8
51 49.6 39.7 59.5





#25

Chloroform

Concen: 51.240 ug/L

RT: 5.052 min Scan# 1170

Delta R.T. 0.000 min

Lab File: VU063722.D

Acq: 17 Nov 2025 12:09

Instrument :

MSVOA_U

ClientSampleId :

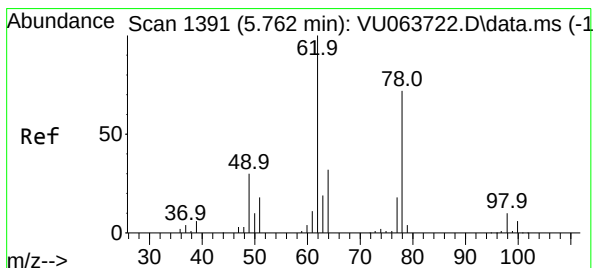
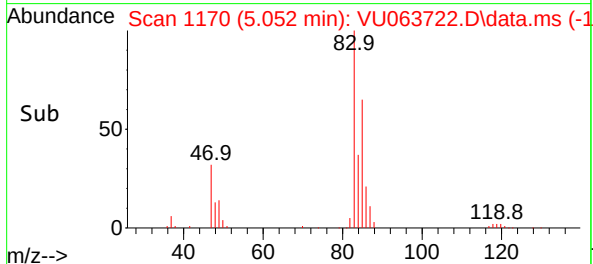
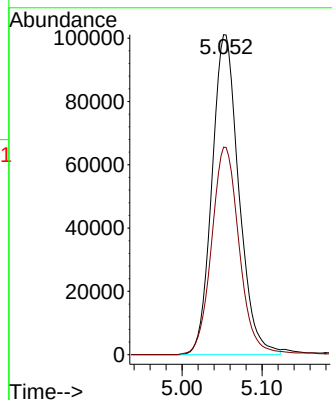
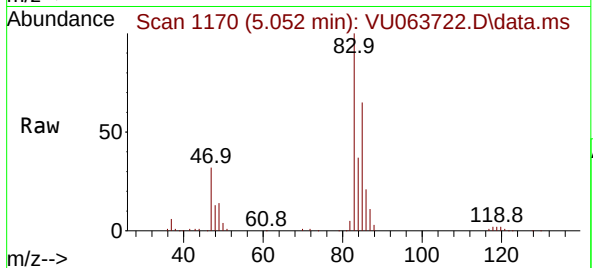
VSTD050047

Tgt Ion: 83 Resp: 235643

Ion Ratio Lower Upper

83 100

85 64.9 45.4 84.4



#27

1,2-Dichloroethane

Concen: 50.112 ug/L

RT: 5.762 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VU063722.D

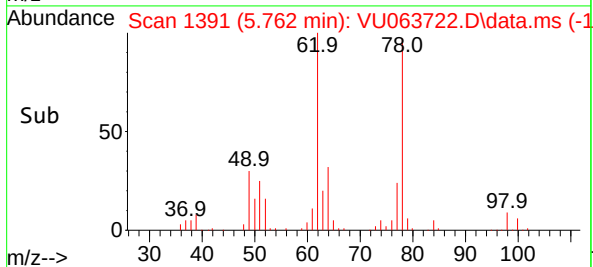
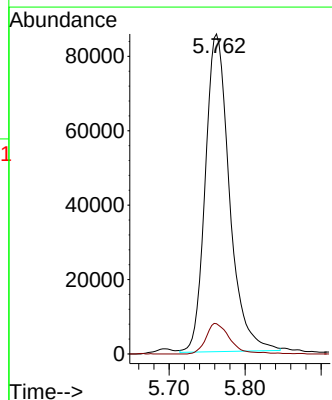
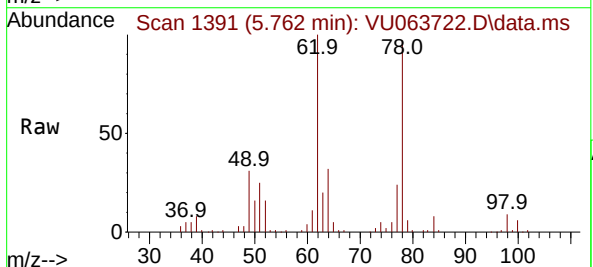
Acq: 17 Nov 2025 12:09

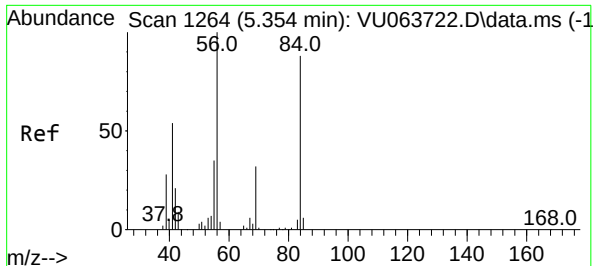
Tgt Ion: 62 Resp: 188526

Ion Ratio Lower Upper

62 100

98 9.5 7.6 11.4





#29

Cyclohexane

Concen: 52.847 ug/L

RT: 5.354 min Scan# 1264

Delta R.T. 0.000 min

Lab File: VU063722.D

Acq: 17 Nov 2025 12:09

Instrument :

MSVOA_U

ClientSampleId :

VSTD050047

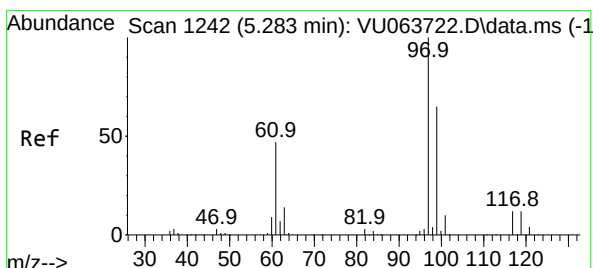
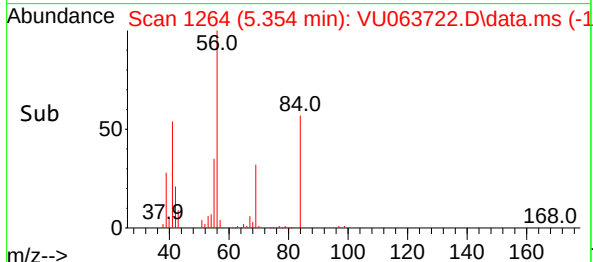
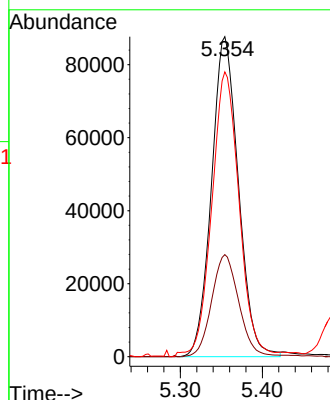
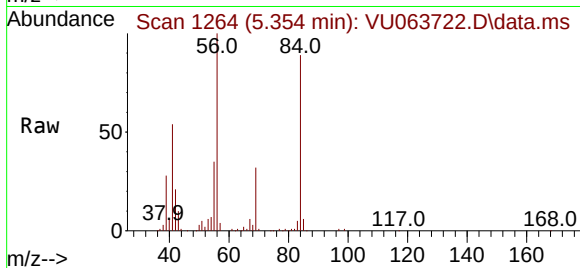
Tgt Ion: 56 Resp: 200314

Ion Ratio Lower Upper

56 100

69 32.3 25.8 38.8

84 86.6 69.3 103.9



#30

1,1,1-Trichloroethane

Concen: 55.624 ug/L

RT: 5.283 min Scan# 1242

Delta R.T. 0.000 min

Lab File: VU063722.D

Acq: 17 Nov 2025 12:09

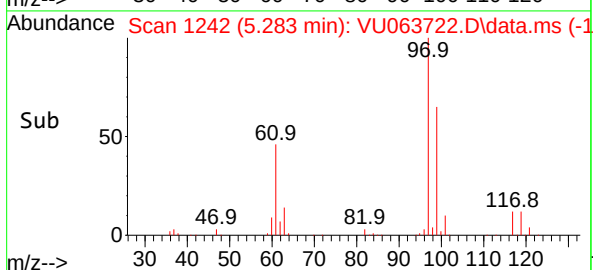
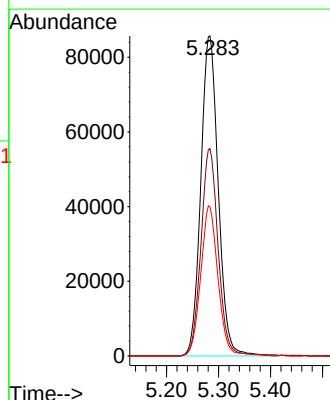
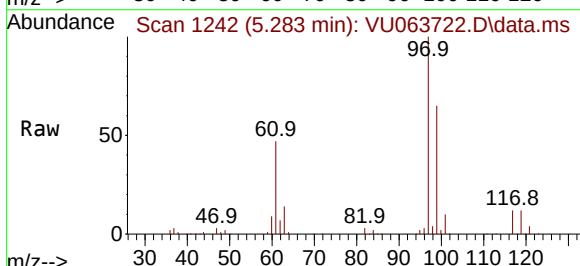
Tgt Ion: 97 Resp: 200224

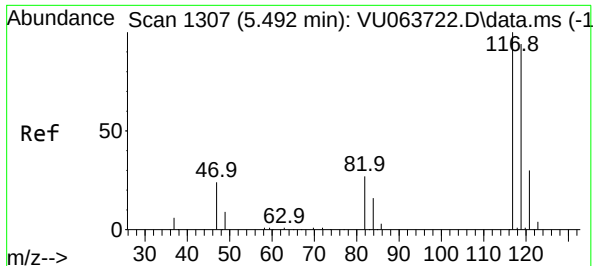
Ion Ratio Lower Upper

97 100

99 63.4 50.7 76.1

61 46.5 37.2 55.8

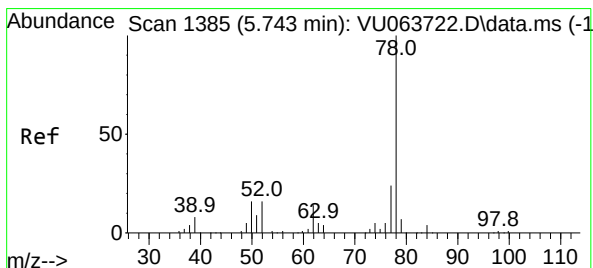
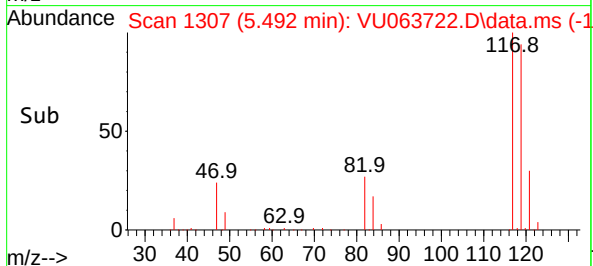
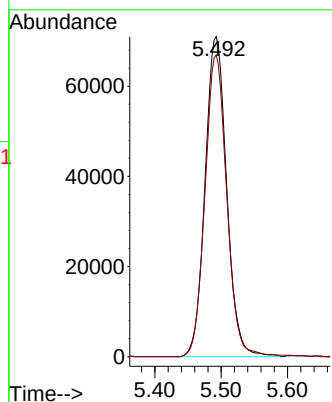
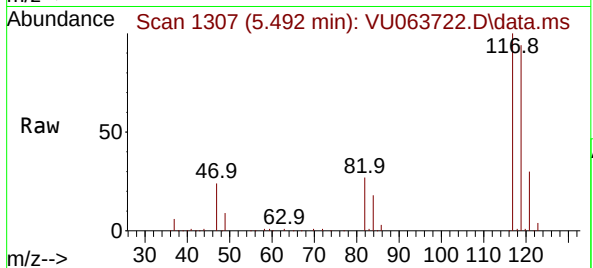




#31
Carbon tetrachloride
Concen: 56.010 ug/L
RT: 5.492 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VU063722.D
Acq: 17 Nov 2025 12:09

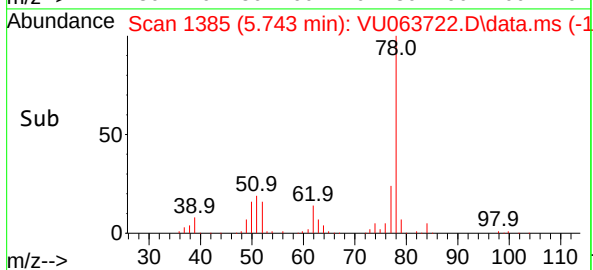
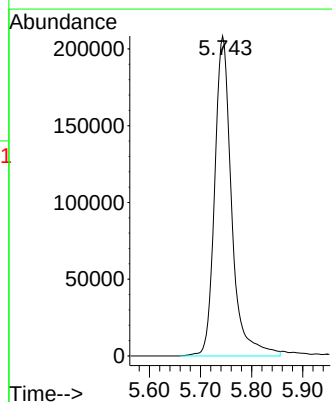
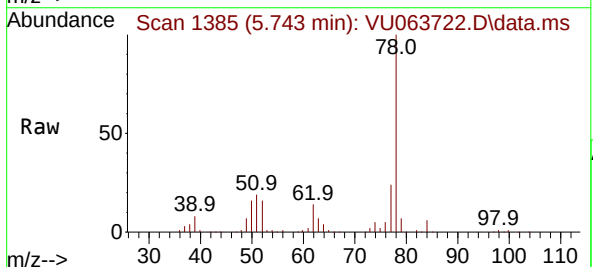
Instrument :
MSVOA_U
ClientSampleId :
VSTD050047

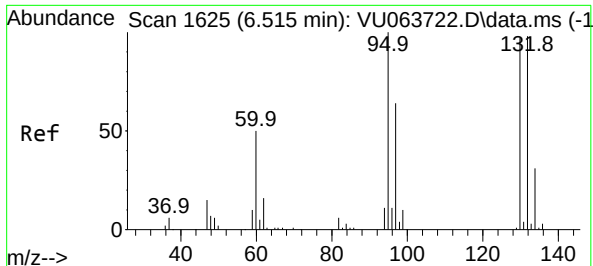
Tgt Ion:117 Resp: 160588
Ion Ratio Lower Upper
117 100
119 95.0 76.0 114.0



#33
Benzene
Concen: 51.711 ug/L
RT: 5.743 min Scan# 1385
Delta R.T. 0.000 min
Lab File: VU063722.D
Acq: 17 Nov 2025 12:09

Tgt Ion: 78 Resp: 480509

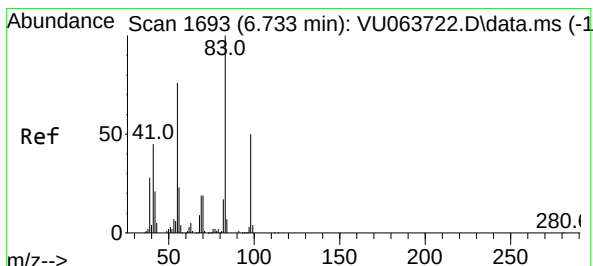
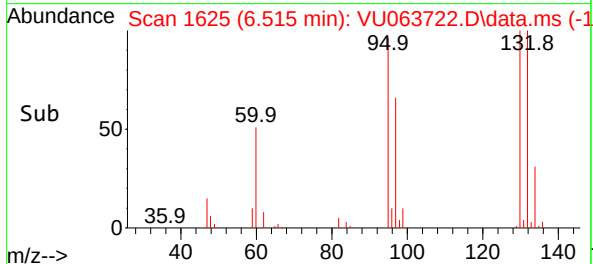
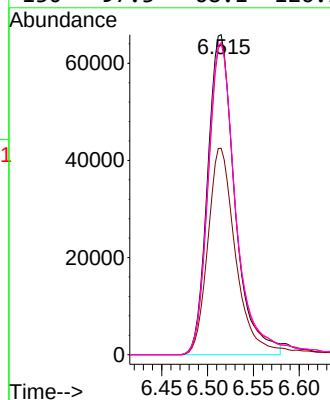
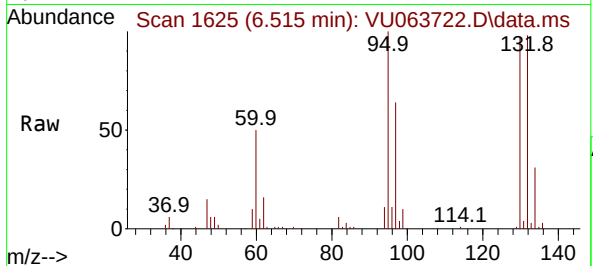




#34
Trichloroethene
Concen: 51.287 ug/L
RT: 6.515 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VU063722.D
Acq: 17 Nov 2025 12:09

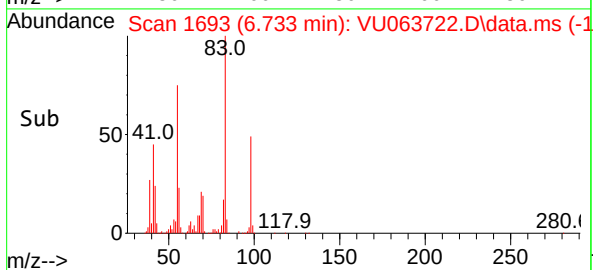
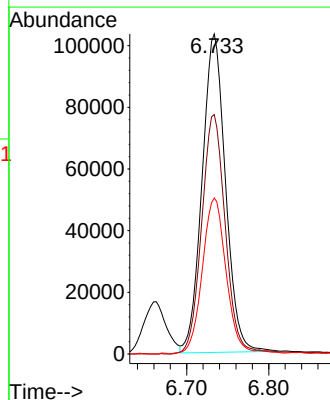
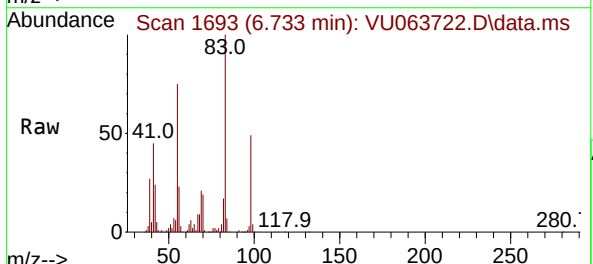
Instrument :
MSVOA_U
ClientSampleId :
VSTD050047

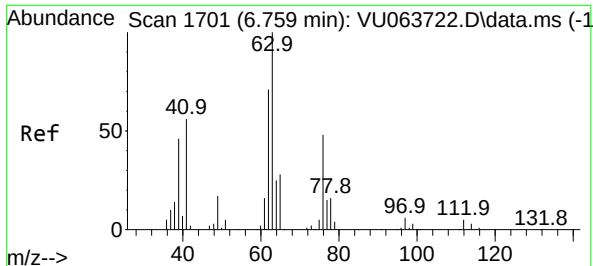
Tgt Ion: 95 Resp: 135755
Ion Ratio Lower Upper
95 100
97 64.5 45.1 83.9
132 97.5 68.3 126.8
130 97.3 68.1 126.5



#35
Methylcyclohexane
Concen: 54.085 ug/L
RT: 6.733 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VU063722.D
Acq: 17 Nov 2025 12:09

Tgt Ion: 83 Resp: 204785
Ion Ratio Lower Upper
83 100
55 76.1 60.9 91.3
98 49.6 39.7 59.5





#37

1,2-Dichloropropane

Concen: 48.673 ug/L

RT: 6.759 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VU063722.D

Acq: 17 Nov 2025 12:09

Instrument :

MSVOA_U

ClientSampleId :

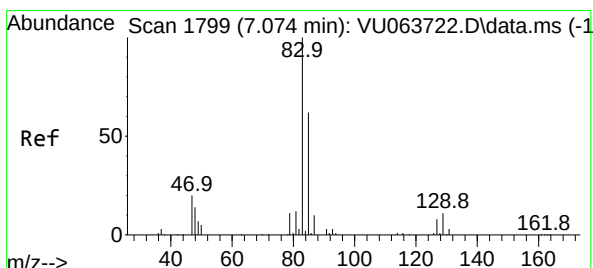
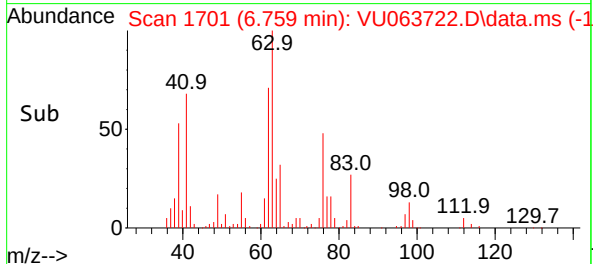
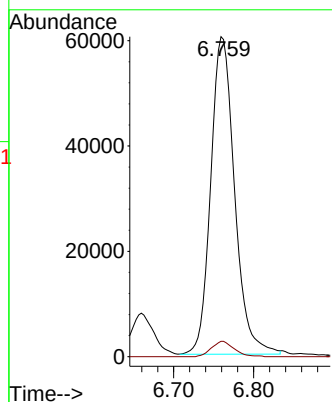
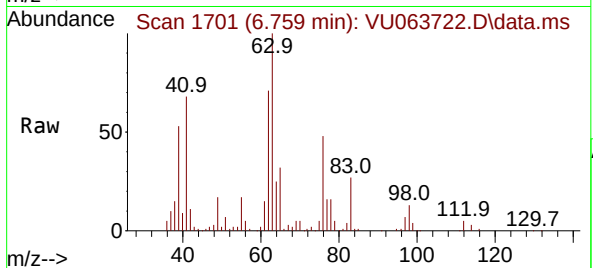
VSTD050047

Tgt Ion: 63 Resp: 125119

Ion Ratio Lower Upper

63 100

112 4.6 3.7 5.5



#38

Bromodichloromethane

Concen: 54.505 ug/L

RT: 7.074 min Scan# 1799

Delta R.T. 0.000 min

Lab File: VU063722.D

Acq: 17 Nov 2025 12:09

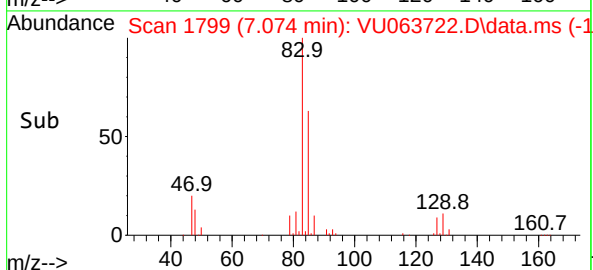
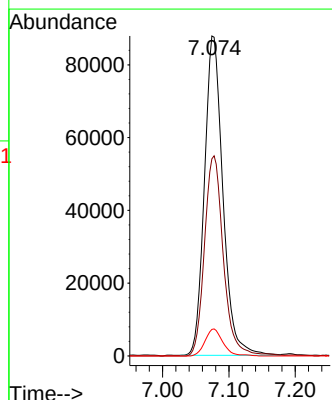
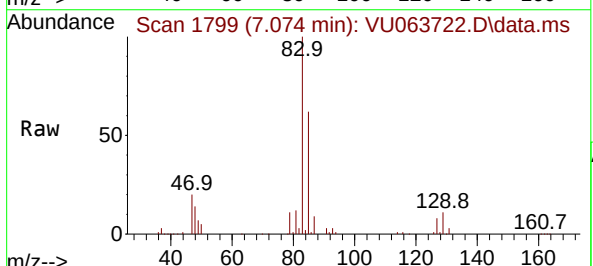
Tgt Ion: 83 Resp: 169687

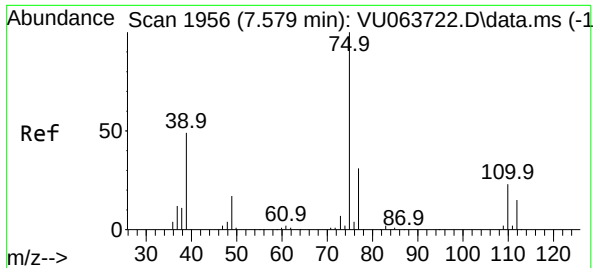
Ion Ratio Lower Upper

83 100

85 61.6 43.1 80.1

127 8.3 6.6 10.0

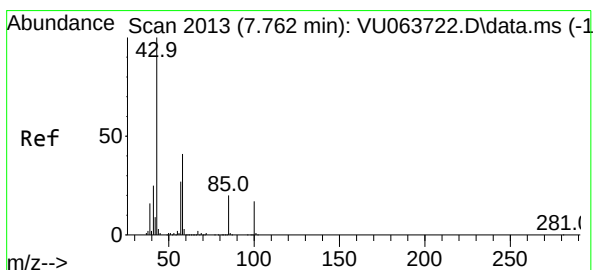
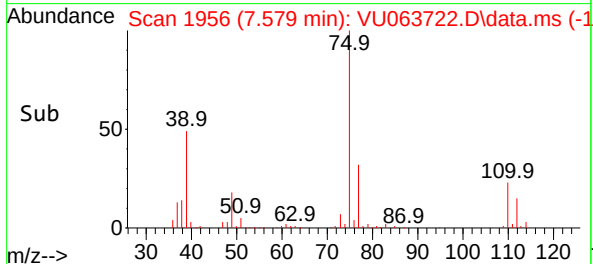
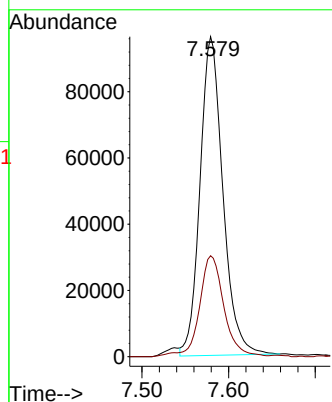
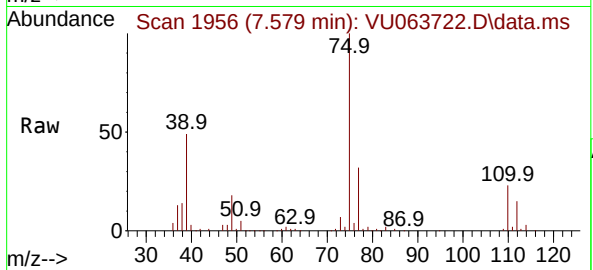




#39
 cis-1,3-Dichloropropene
 Concen: 52.219 ug/L
 RT: 7.579 min Scan# 1956
 Delta R.T. 0.000 min
 Lab File: VU063722.D
 Acq: 17 Nov 2025 12:09

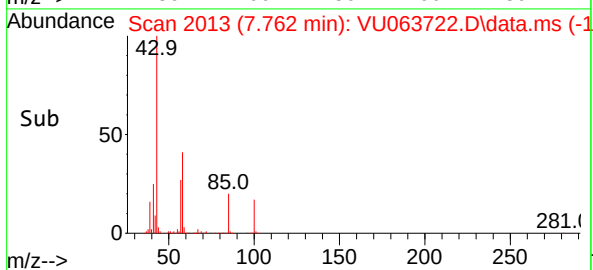
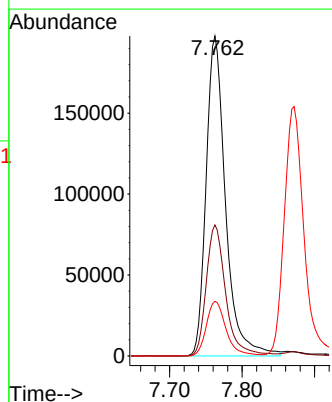
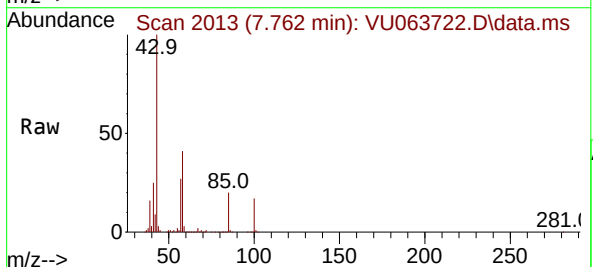
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050047

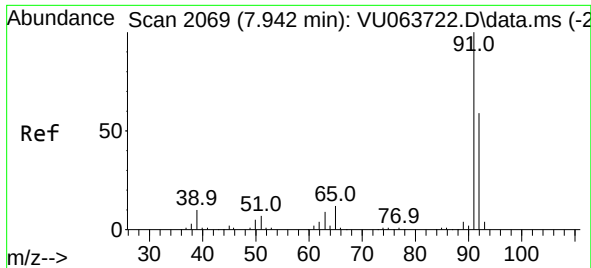
Tgt Ion: 75 Resp: 176510
 Ion Ratio Lower Upper
 75 100
 77 31.6 22.1 41.1



#40
 4-Methyl-2-pentanone
 Concen: 99.522 ug/L
 RT: 7.762 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: VU063722.D
 Acq: 17 Nov 2025 12:09

Tgt Ion: 43 Resp: 367694
 Ion Ratio Lower Upper
 43 100
 58 41.1 32.9 49.3
 100 17.4 13.9 20.9





#42

Toluene

Concen: 52.151 ug/L

RT: 7.942 min Scan# 2069

Delta R.T. 0.000 min

Lab File: VU063722.D

Acq: 17 Nov 2025 12:09

Instrument :

MSVOA_U

ClientSampleId :

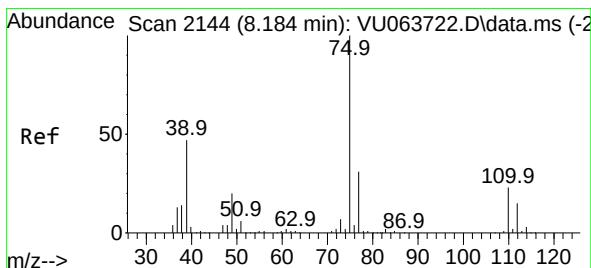
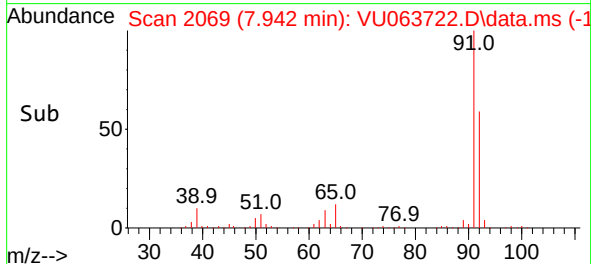
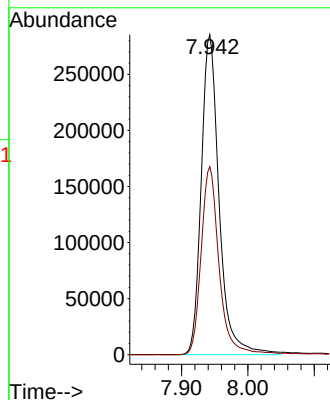
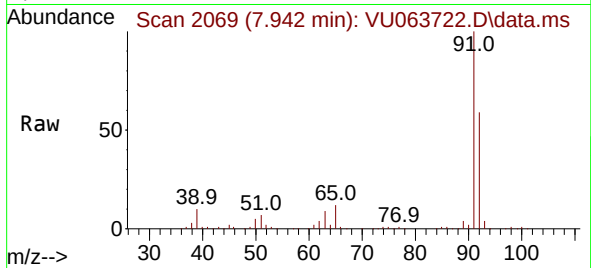
VSTD050047

Tgt Ion: 91 Resp: 535417

Ion Ratio Lower Upper

91 100

92 58.8 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 55.877 ug/L

RT: 8.184 min Scan# 2144

Delta R.T. 0.000 min

Lab File: VU063722.D

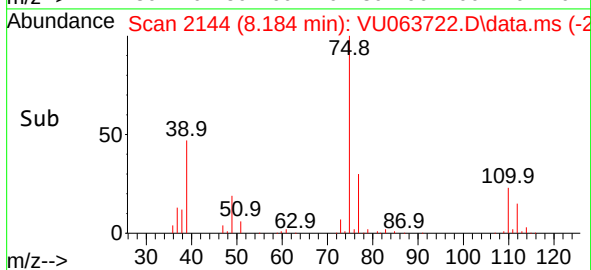
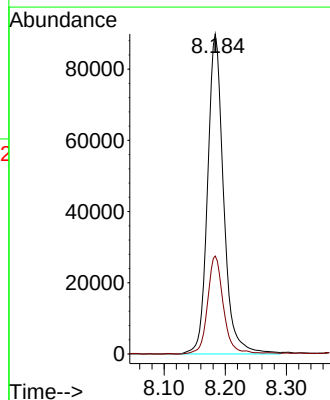
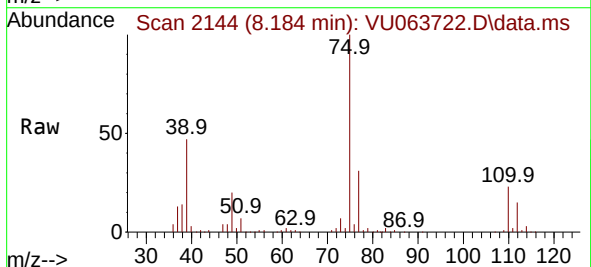
Acq: 17 Nov 2025 12:09

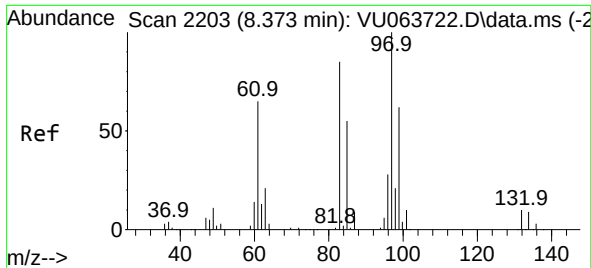
Tgt Ion: 75 Resp: 163846

Ion Ratio Lower Upper

75 100

77 30.6 21.4 39.8



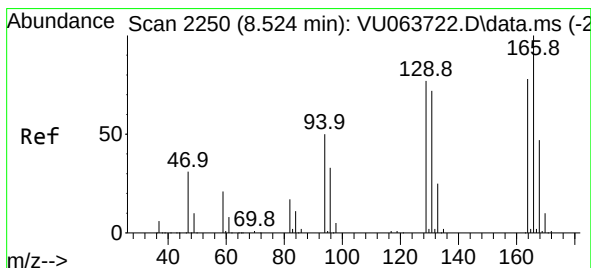
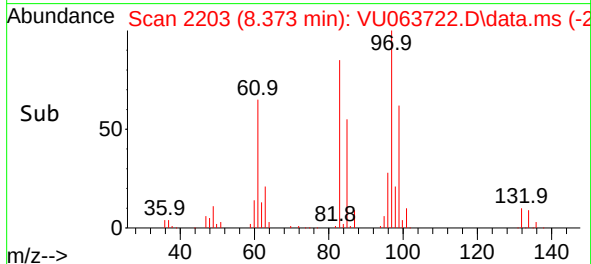
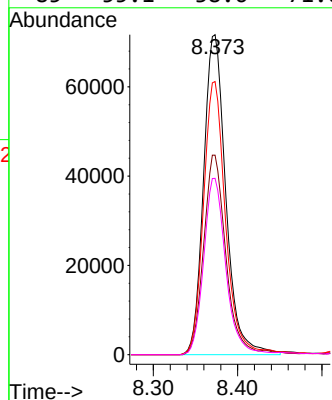
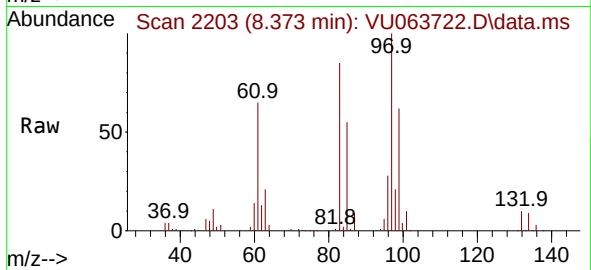


#45
1,1,2-Trichloroethane
Concen: 52.466 ug/L
RT: 8.373 min Scan# 2203
Delta R.T. 0.000 min
Lab File: VU063722.D
Acq: 17 Nov 2025 12:09

Instrument :
MSVOA_U
ClientSampleId :
VSTD050047

Tgt Ion: 97 Resp: 131998

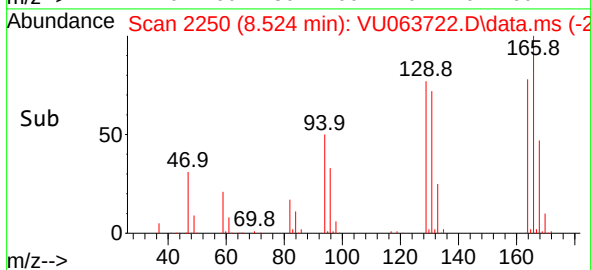
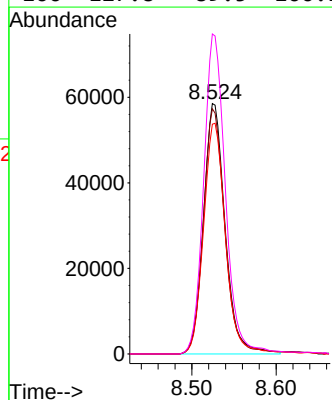
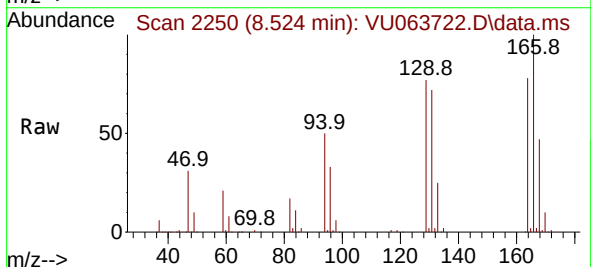
Ion	Ratio	Lower	Upper
97	100		
99	62.4	43.7	81.1
83	85.3	59.7	110.9
85	55.1	38.6	71.6

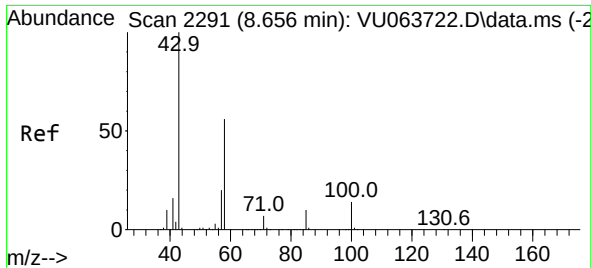


#46
Tetrachloroethene
Concen: 54.189 ug/L
RT: 8.524 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VU063722.D
Acq: 17 Nov 2025 12:09

Tgt Ion: 164 Resp: 104850

Ion	Ratio	Lower	Upper
164	100		
129	97.9	68.5	127.3
131	91.8	64.3	119.3
166	127.8	89.5	166.1



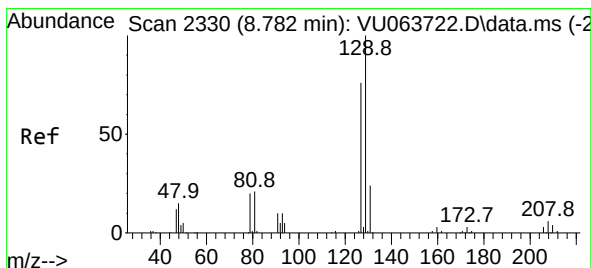
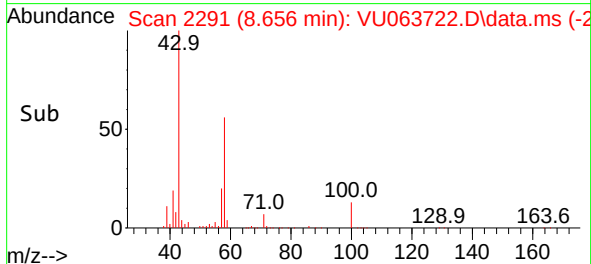
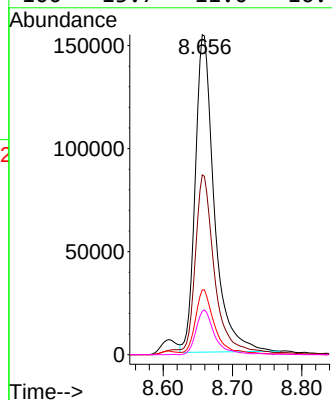
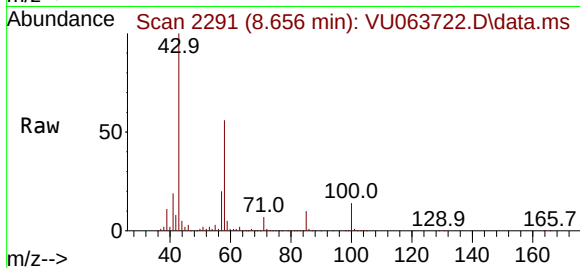


#48
2-Hexanone
Concen: 104.066 ug/L
RT: 8.656 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VU063722.D
Acq: 17 Nov 2025 12:09

Instrument :
MSVOA_U
ClientSampleId :
VSTD050047

Tgt Ion: 43 Resp: 295150

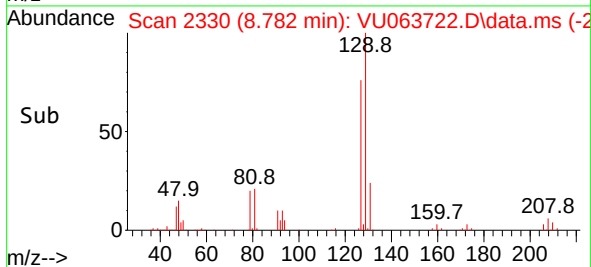
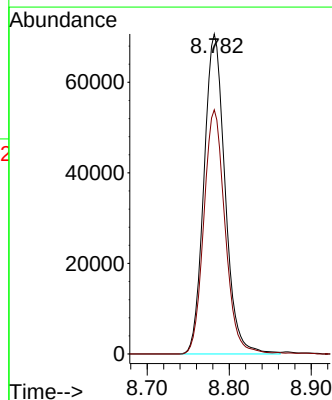
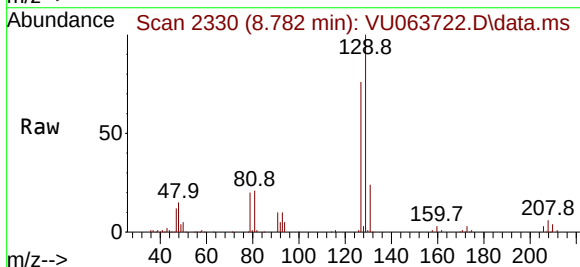
Ion	Ratio	Lower	Upper
43	100		
58	56.0	44.8	67.2
57	20.7	16.6	24.8
100	13.7	11.0	16.4

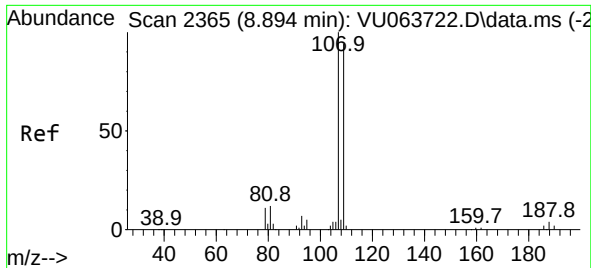


#49
Dibromochloromethane
Concen: 55.163 ug/L
RT: 8.782 min Scan# 2330
Delta R.T. 0.000 min
Lab File: VU063722.D
Acq: 17 Nov 2025 12:09

Tgt Ion: 129 Resp: 126120

Ion	Ratio	Lower	Upper
129	100		
127	76.3	53.4	99.2

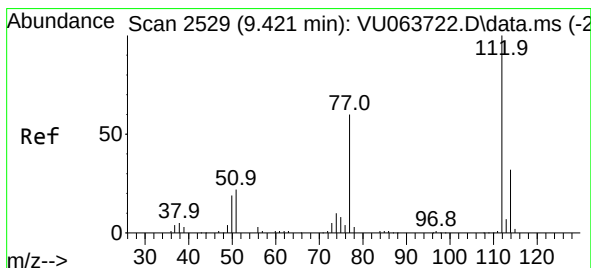
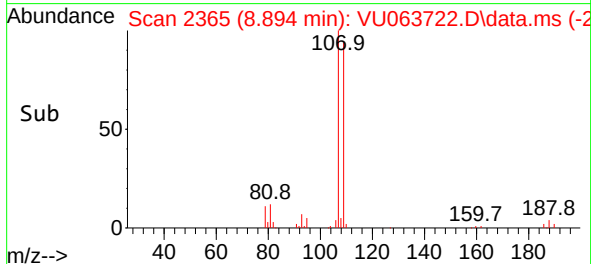
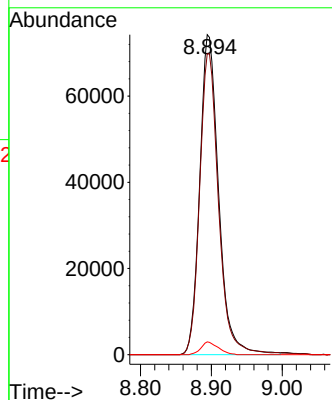
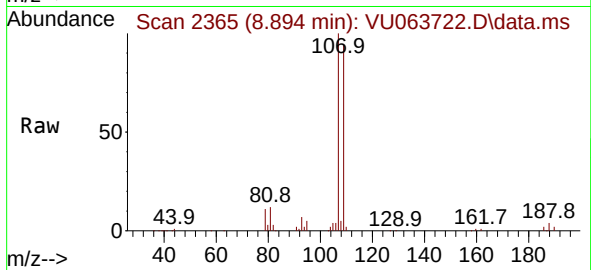




#50
 1,2-Dibromoethane
 Concen: 52.635 ug/L
 RT: 8.894 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU063722.D
 Acq: 17 Nov 2025 12:09

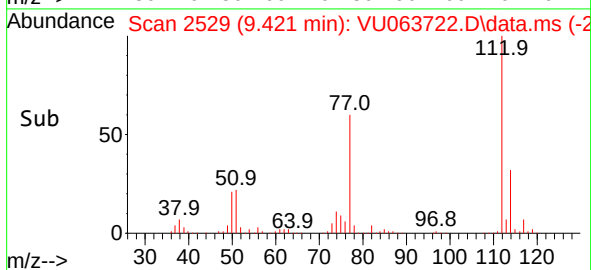
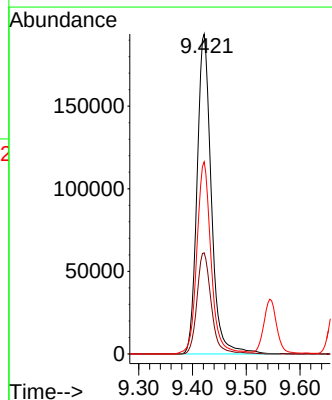
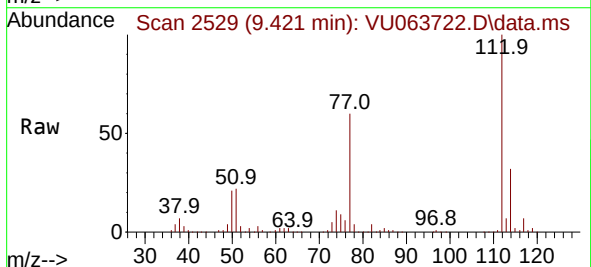
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050047

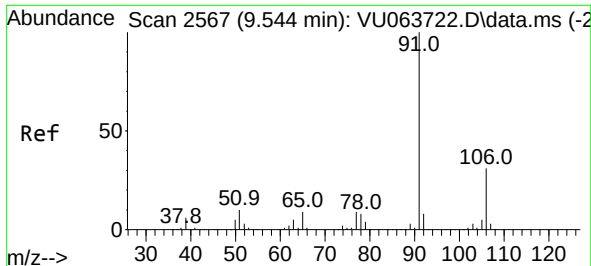
Tgt Ion:107 Resp: 137578
 Ion Ratio Lower Upper
 107 100
 109 94.0 65.8 122.2
 188 4.0 3.2 4.8



#51
 Chlorobenzene
 Concen: 52.258 ug/L
 RT: 9.421 min Scan# 2529
 Delta R.T. 0.000 min
 Lab File: VU063722.D
 Acq: 17 Nov 2025 12:09

Tgt Ion:112 Resp: 356361
 Ion Ratio Lower Upper
 112 100
 114 31.6 22.1 41.1
 77 60.0 48.0 72.0

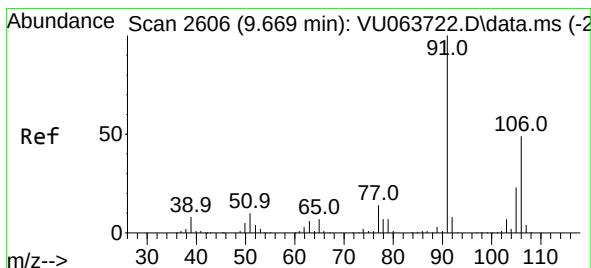
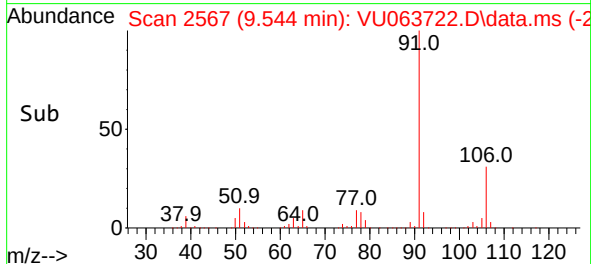
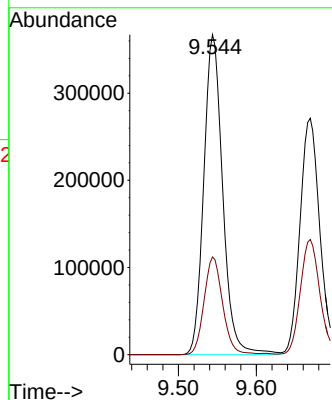
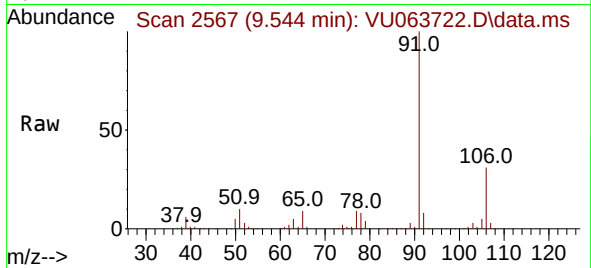




#52
Ethylbenzene
Concen: 54.208 ug/L
RT: 9.544 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU063722.D
Acq: 17 Nov 2025 12:09

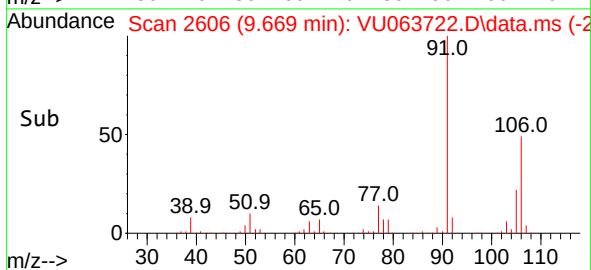
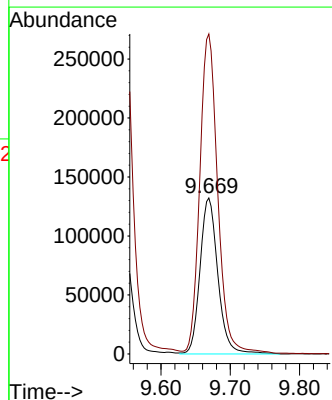
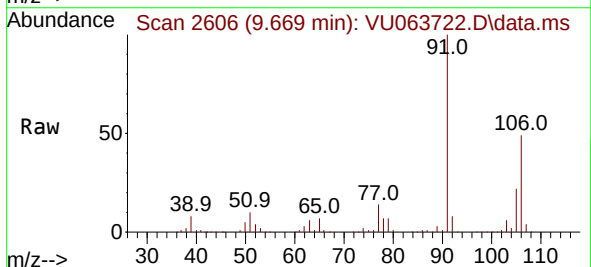
Instrument :
MSVOA_U
ClientSampleId :
VSTD050047

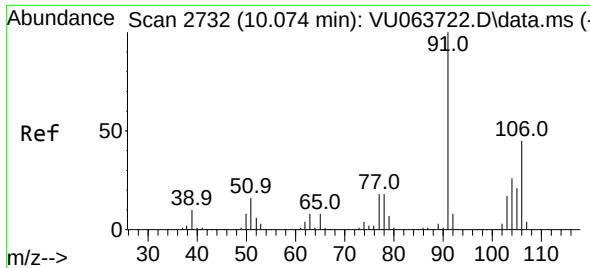
Tgt Ion: 91 Resp: 619897
Ion Ratio Lower Upper
91 100
106 30.5 21.3 39.6



#53
m,p-Xylene
Concen: 55.071 ug/L
RT: 9.669 min Scan# 2606
Delta R.T. 0.000 min
Lab File: VU063722.D
Acq: 17 Nov 2025 12:09

Tgt Ion:106 Resp: 236896
Ion Ratio Lower Upper
106 100
91 205.1 143.6 266.6

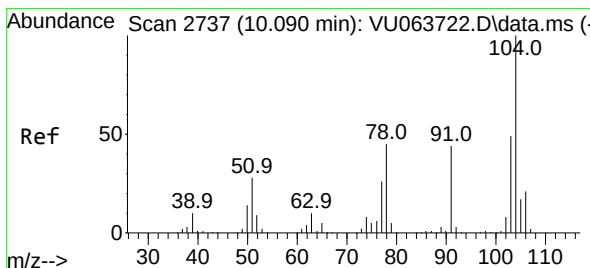
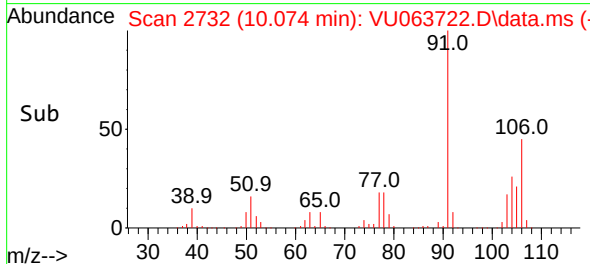
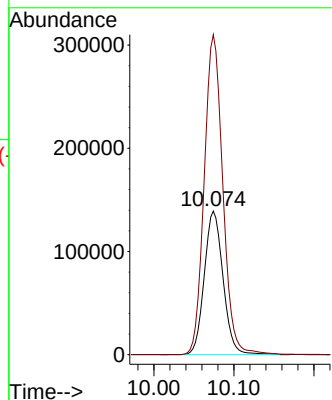
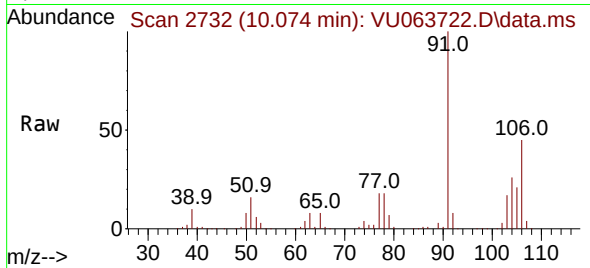




#54
o-Xylene
Concen: 53.811 ug/L
RT: 10.074 min Scan# 2732
Delta R.T. 0.000 min
Lab File: VU063722.D
Acq: 17 Nov 2025 12:09

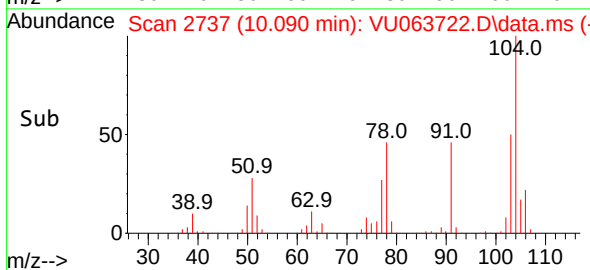
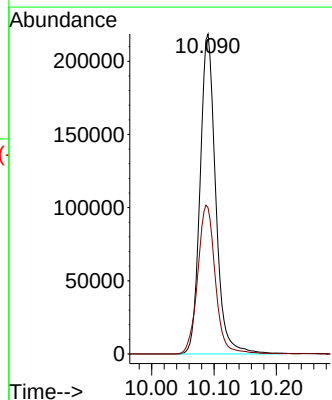
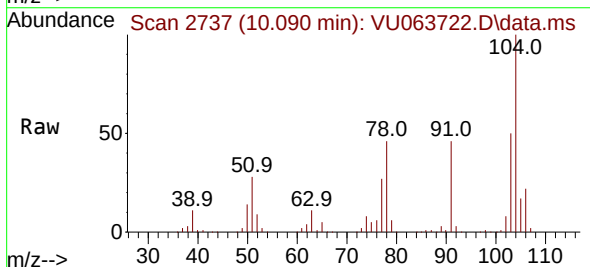
Instrument :
MSVOA_U
ClientSampleId :
VSTD050047

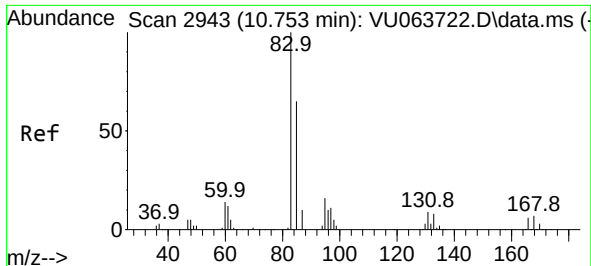
Tgt Ion:106 Resp: 227901
Ion Ratio Lower Upper
106 100
91 222.8 156.0 289.6



#55
Styrene
Concen: 54.989 ug/L
RT: 10.090 min Scan# 2737
Delta R.T. 0.000 min
Lab File: VU063722.D
Acq: 17 Nov 2025 12:09

Tgt Ion:104 Resp: 381639
Ion Ratio Lower Upper
104 100
78 45.7 32.0 59.4

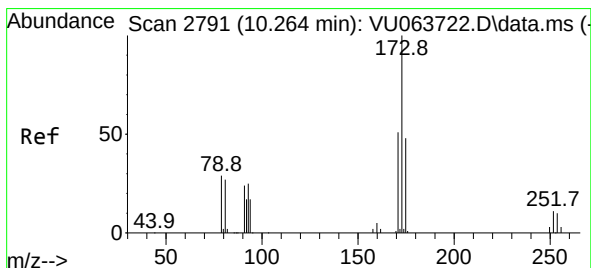
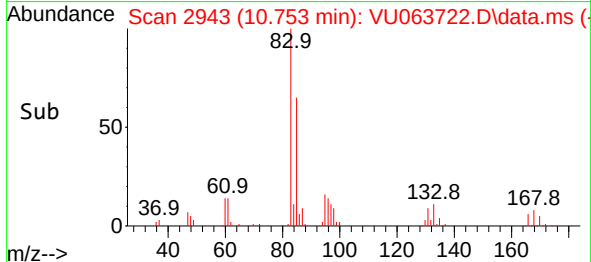
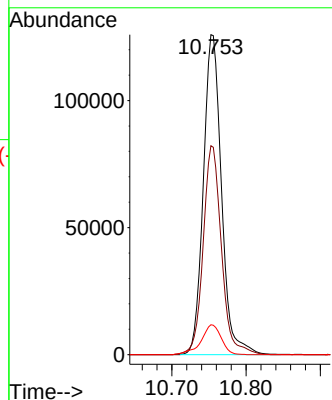
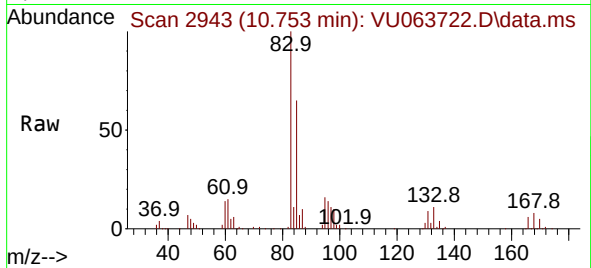




#57
 1,1,2,2-Tetrachloroethane
 Concen: 50.582 ug/L
 RT: 10.753 min Scan# 2943
 Delta R.T. 0.000 min
 Lab File: VU063722.D
 Acq: 17 Nov 2025 12:09

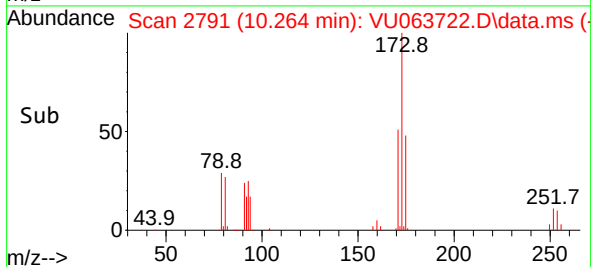
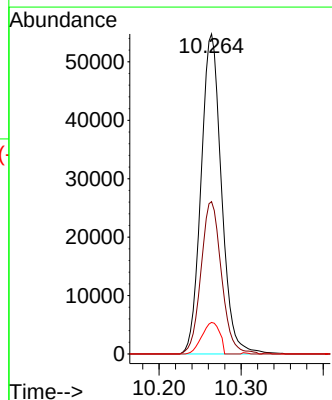
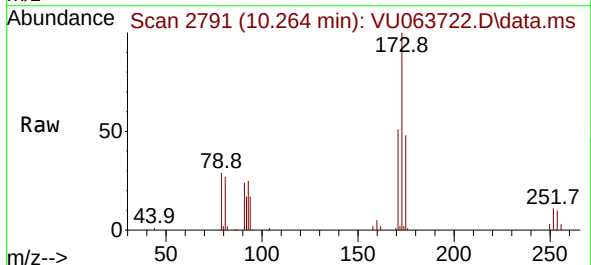
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050047

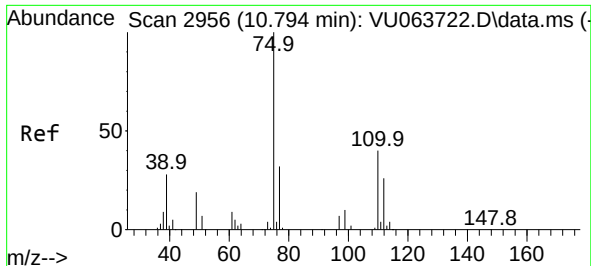
Tgt Ion: 83 Resp: 213730
 Ion Ratio Lower Upper
 83 100
 85 65.3 45.7 84.9
 131 9.3 7.4 11.2



#59
 Bromoform
 Concen: 54.824 ug/L
 RT: 10.264 min Scan# 2791
 Delta R.T. 0.000 min
 Lab File: VU063722.D
 Acq: 17 Nov 2025 12:09

Tgt Ion: 173 Resp: 94767
 Ion Ratio Lower Upper
 173 100
 175 47.8 38.2 57.4
 254 8.6 6.9 10.3

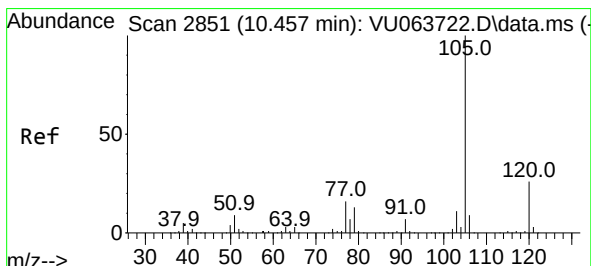
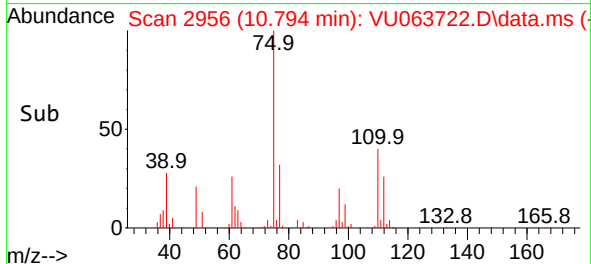
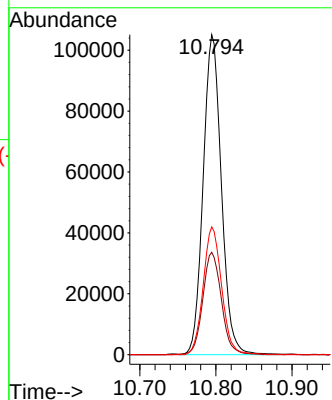
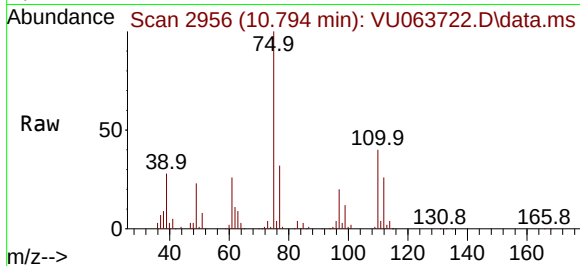




#60
1,2,3-Trichloropropane
Concen: 48.311 ug/L
RT: 10.794 min Scan# 2956
Delta R.T. 0.000 min
Lab File: VU063722.D
Acq: 17 Nov 2025 12:09

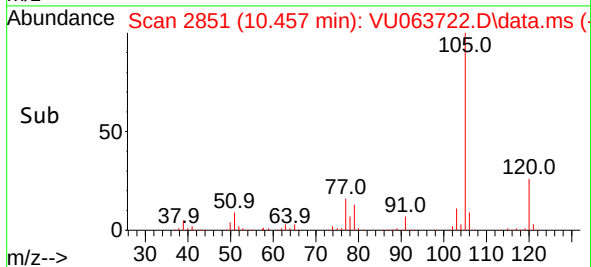
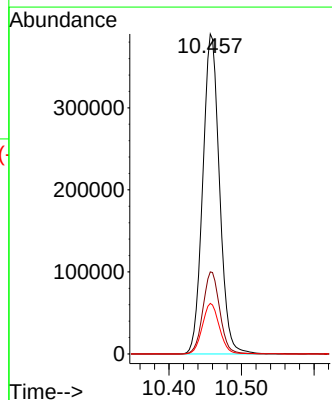
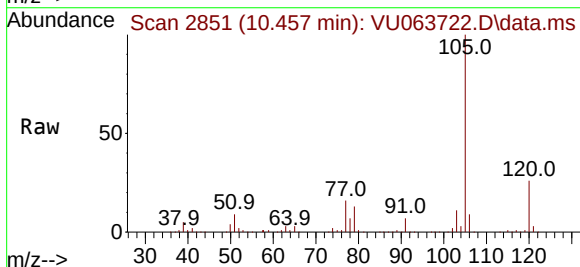
Instrument :
MSVOA_U
ClientSampleId :
VSTD050047

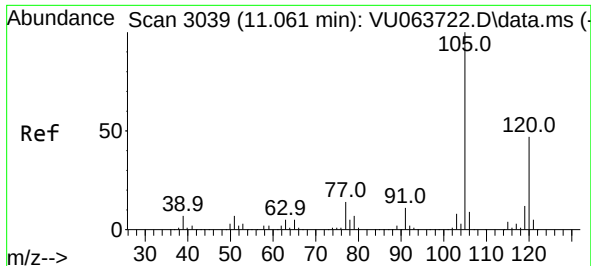
Tgt Ion: 75 Resp: 174928
Ion Ratio Lower Upper
75 100
77 32.6 26.1 39.1
110 40.4 32.3 48.5



#61
Isopropylbenzene
Concen: 52.481 ug/L
RT: 10.457 min Scan# 2851
Delta R.T. 0.000 min
Lab File: VU063722.D
Acq: 17 Nov 2025 12:09

Tgt Ion: 105 Resp: 625267
Ion Ratio Lower Upper
105 100
120 25.9 20.7 31.1
77 16.1 12.9 19.3

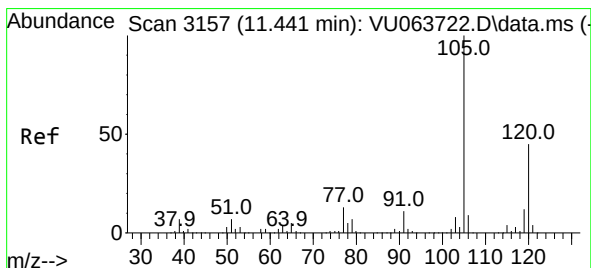
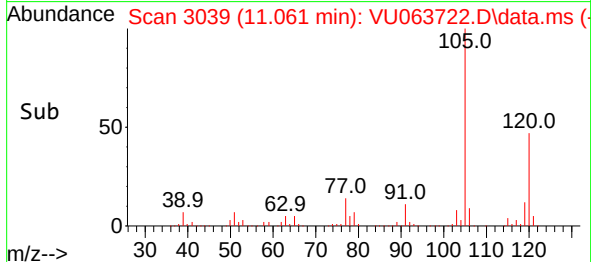
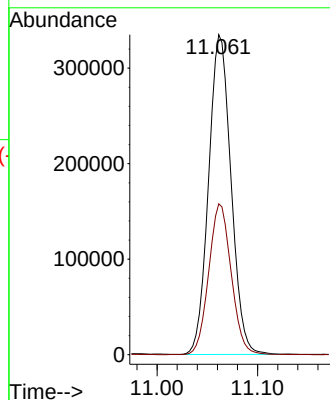
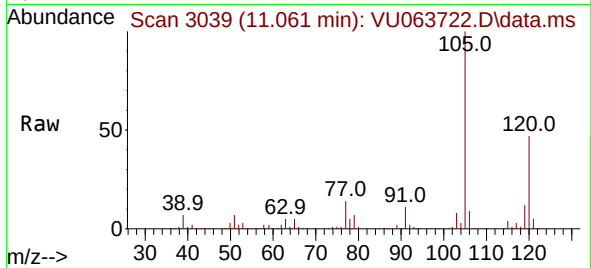




#62
1,3,5-Trimethylbenzene
Concen: 53.094 ug/L
RT: 11.061 min Scan# 3039
Delta R.T. 0.000 min
Lab File: VU063722.D
Acq: 17 Nov 2025 12:09

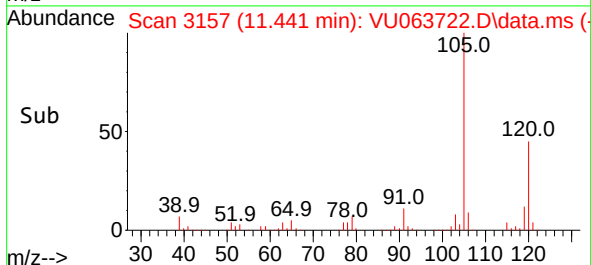
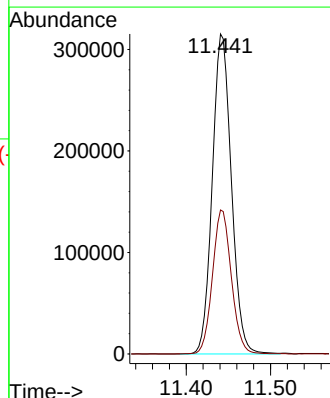
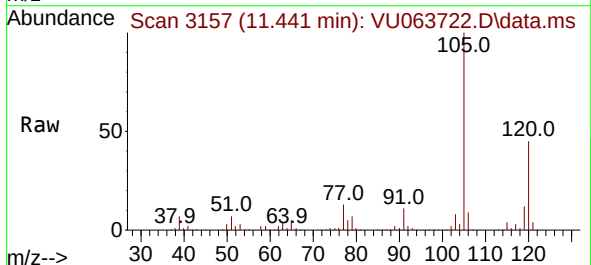
Instrument :
MSVOA_U
ClientSampleId :
VSTD050047

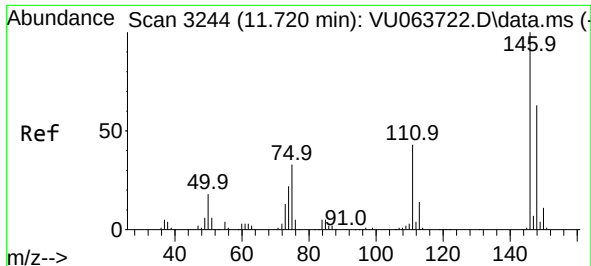
Tgt Ion:105 Resp: 519067
Ion Ratio Lower Upper
105 100
120 47.2 37.8 56.6



#63
1,2,4-Trimethylbenzene
Concen: 52.496 ug/L
RT: 11.441 min Scan# 3157
Delta R.T. 0.000 min
Lab File: VU063722.D
Acq: 17 Nov 2025 12:09

Tgt Ion:105 Resp: 496031
Ion Ratio Lower Upper
105 100
120 44.5 35.6 53.4

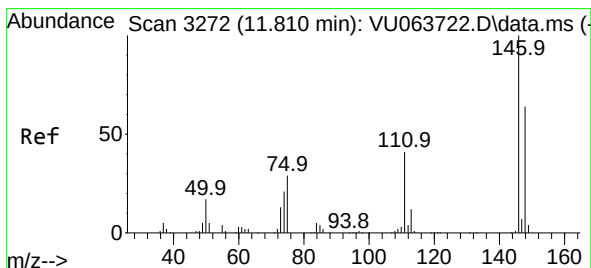
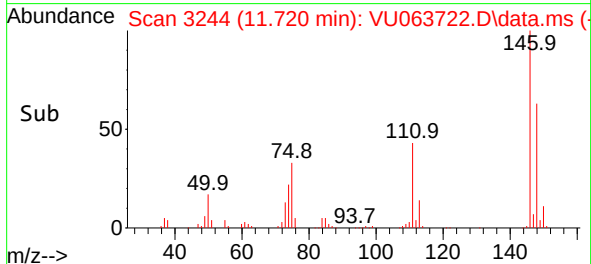
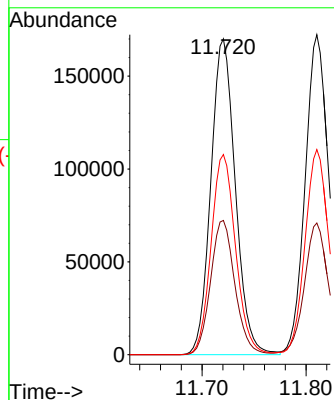
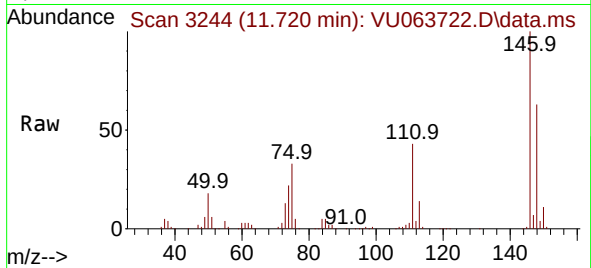




#64
1,3-Dichlorobenzene
Concen: 51.425 ug/L
RT: 11.720 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU063722.D
Acq: 17 Nov 2025 12:09

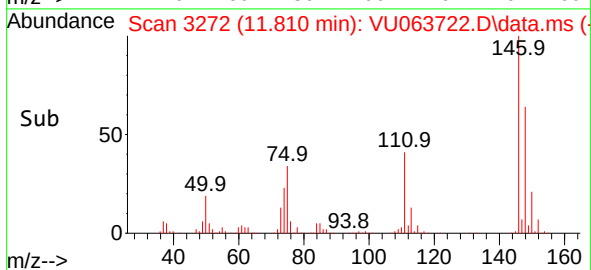
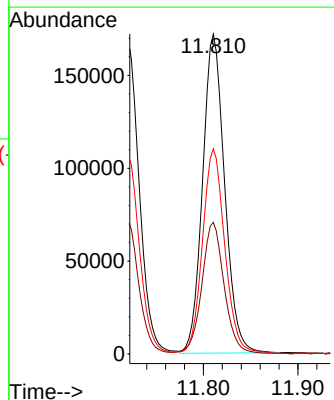
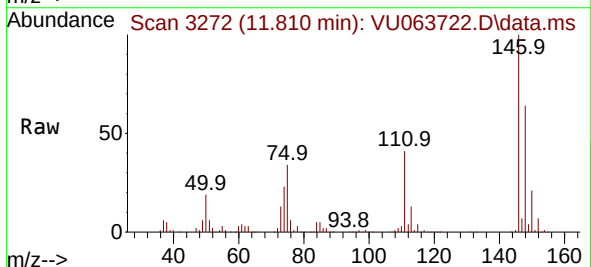
Instrument :
MSVOA_U
ClientSampleId :
VSTD050047

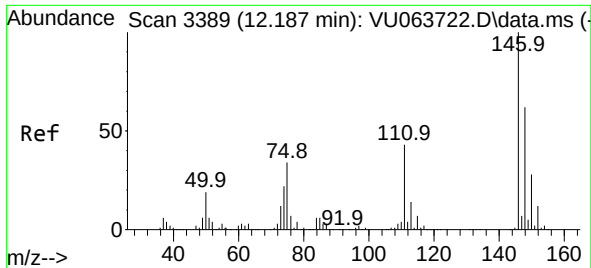
Tgt Ion:146 Resp: 278353
Ion Ratio Lower Upper
146 100
111 42.5 29.8 55.3
148 63.4 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 50.927 ug/L
RT: 11.810 min Scan# 3272
Delta R.T. 0.000 min
Lab File: VU063722.D
Acq: 17 Nov 2025 12:09

Tgt Ion:146 Resp: 278205
Ion Ratio Lower Upper
146 100
111 41.1 28.8 53.4
148 64.1 44.9 83.3

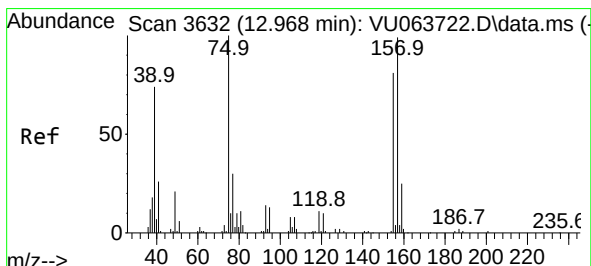
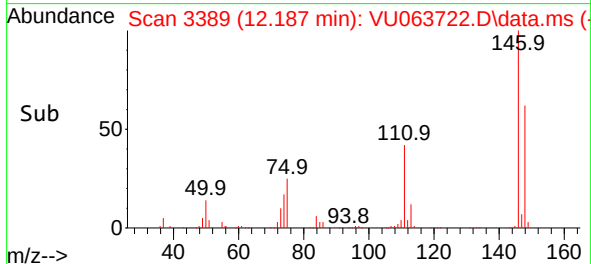
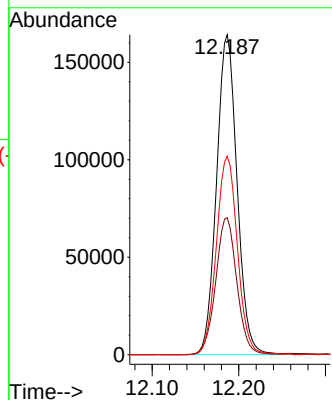
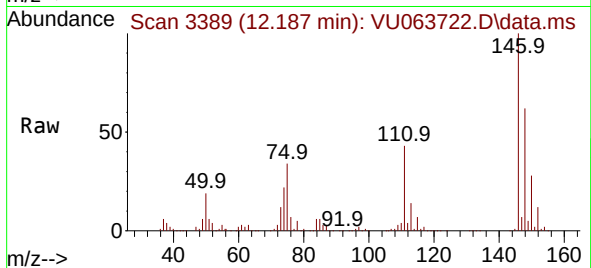




#67
1,2-Dichlorobenzene
Concen: 51.039 ug/L
RT: 12.187 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU063722.D
Acq: 17 Nov 2025 12:09

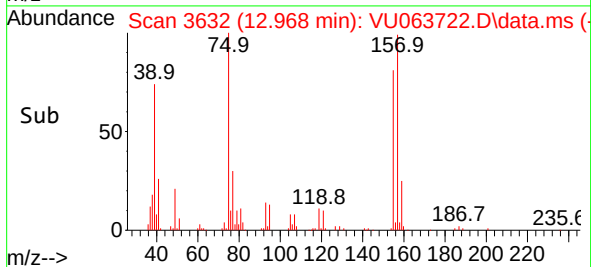
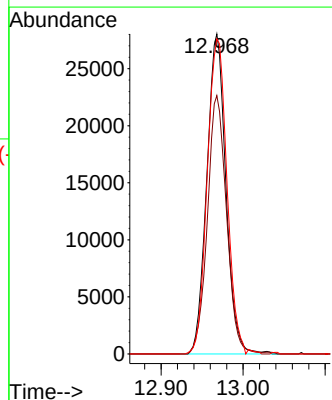
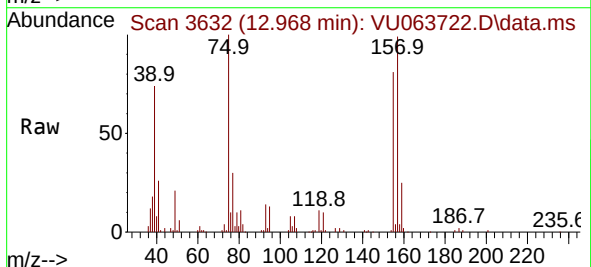
Instrument :
MSVOA_U
ClientSampleId :
VSTD050047

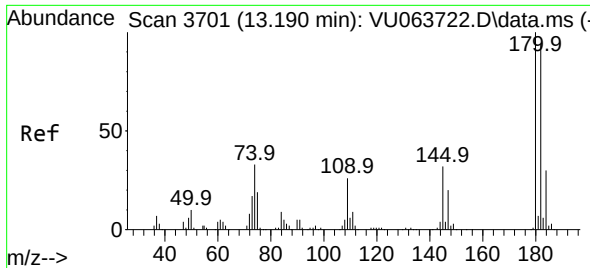
Tgt Ion:146 Resp: 270469
Ion Ratio Lower Upper
146 100
111 42.8 34.2 51.4
148 62.0 49.6 74.4



#68
1,2-Dibromo-3-chloropropane
Concen: 54.406 ug/L
RT: 12.968 min Scan# 3632
Delta R.T. 0.000 min
Lab File: VU063722.D
Acq: 17 Nov 2025 12:09

Tgt Ion: 75 Resp: 45442
Ion Ratio Lower Upper
75 100
155 80.8 64.6 97.0
157 98.5 78.8 118.2

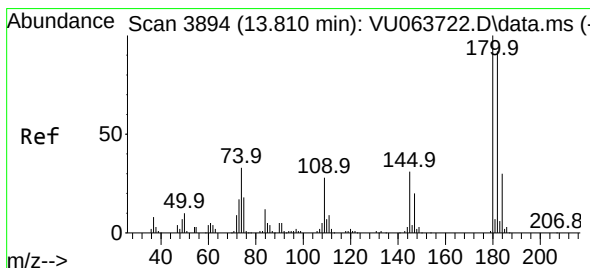
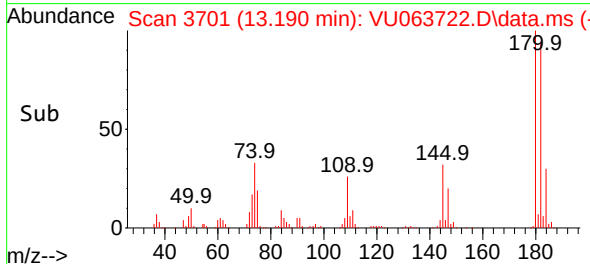
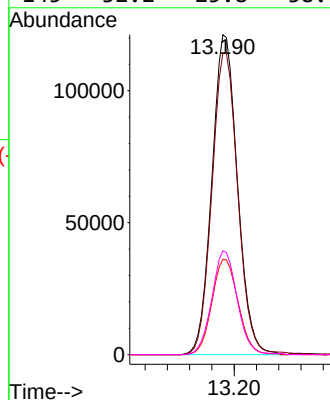
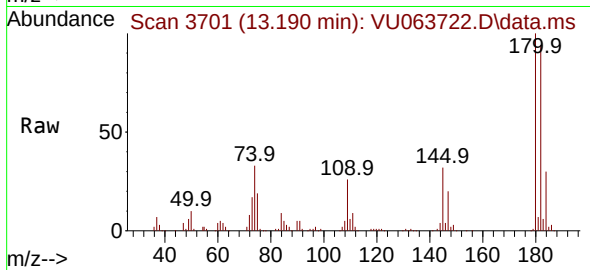




#69
 1,3,5-Trichlorobenzene
 Concen: 51.221 ug/L
 RT: 13.190 min Scan# 3701
 Delta R.T. 0.000 min
 Lab File: VU063722.D
 Acq: 17 Nov 2025 12:09

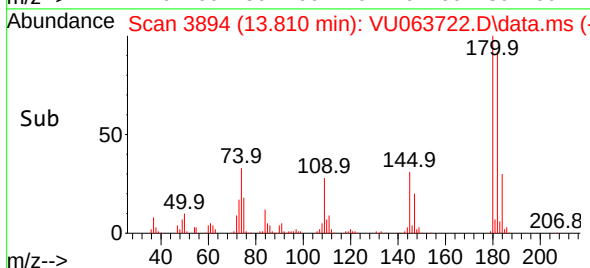
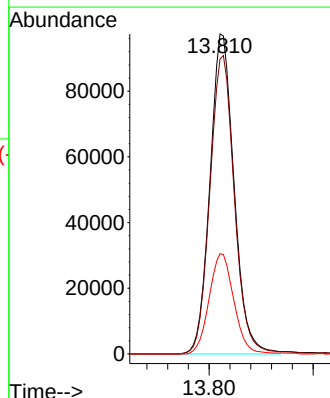
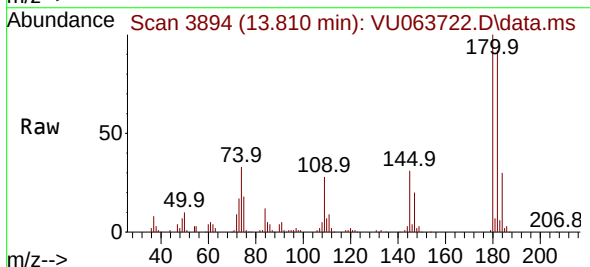
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050047

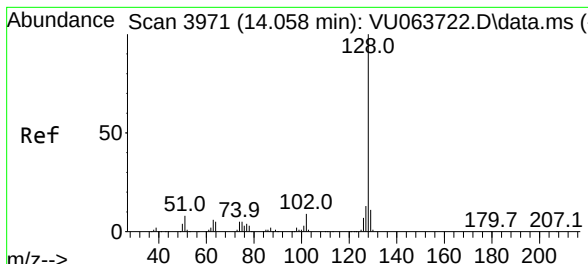
Tgt Ion:	180	Resp:	193460
Ion Ratio	Lower	Upper	
180	100		
182	95.5	76.4	114.6
184	30.5	24.4	36.6
145	32.2	25.8	38.6



#70
 1,2,4-trichlorobenzene
 Concen: 50.451 ug/L
 RT: 13.810 min Scan# 3894
 Delta R.T. 0.000 min
 Lab File: VU063722.D
 Acq: 17 Nov 2025 12:09

Tgt Ion:	180	Resp:	156987
Ion Ratio	Lower	Upper	
180	100		
182	94.8	75.8	113.8
145	32.1	25.7	38.5

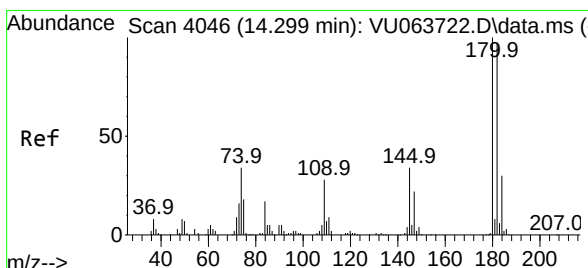
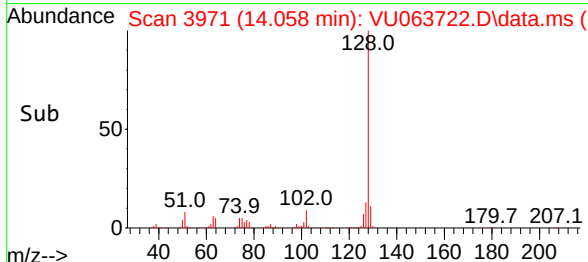
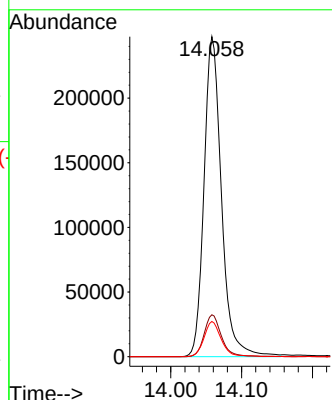
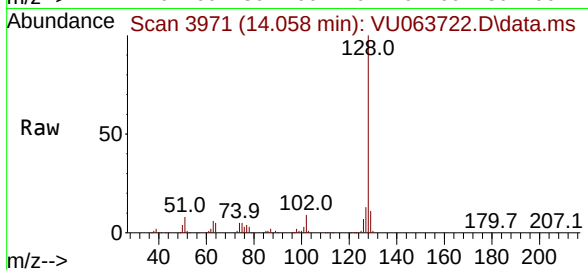




#71
Naphthalene
Concen: 50.190 ug/L
RT: 14.058 min Scan# 3971
Delta R.T. 0.000 min
Lab File: VU063722.D
Acq: 17 Nov 2025 12:09

Instrument :
MSVOA_U
ClientSampleId :
VSTD050047

Tgt Ion:128 Resp: 424436
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 49.912 ug/L
RT: 14.299 min Scan# 4046
Delta R.T. 0.000 min
Lab File: VU063722.D
Acq: 17 Nov 2025 12:09

Tgt Ion:180 Resp: 148843
Ion Ratio Lower Upper
180 100
182 96.1 76.9 115.3
145 33.2 26.6 39.8

