

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111725\
 Data File : VU063723.D
 Acq On : 17 Nov 2025 12:34
 Operator : MD/SY
 Sample : VSTD10048
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD100048

Quant Time: Nov 18 01:28:50 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	331361	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.389	117	322303	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.785	152	174835	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.583	65	292770	124.301	ug/L	0.00
7) Chloroethane-d5	1.888	69	221077	113.534	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.541	63	504146	121.459	ug/L	0.00
21) 2-Butanone-d5	4.586	46	356466	230.227	ug/L	0.00
24) Chloroform-d	5.026	84	500211	116.253	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.666	65	321208	115.357	ug/L	0.00
32) Benzene-d6	5.695	84	969662	120.761	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.660	67	283691	111.067	ug/L	0.00
41) Toluene-d8	7.869	98	906308	119.985	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.152	79	120781	125.451	ug/L	0.00
47) 2-Hexanone-d5	8.605	63	231965	244.163	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.730	84	424500	108.680	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.164	152	338054	112.544	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.374	85	179251	99.318	ug/L	99
3) Chloromethane	1.509	50	198745	88.409	ug/L	100
5) Vinyl chloride	1.589	62	238753	88.735	ug/L	100
6) Bromomethane	1.830	94	152707	90.140	ug/L	97
8) Chloroethane	1.911	64	158823	87.328	ug/L	100
9) Trichlorofluoromethane	2.116	101	378350	95.483	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.554	101	224461	101.079	ug/L	98
12) 1,1-Dichloroethene	2.554	96	202557	102.059	ug/L	97
13) Acetone	2.599	43	405936	210.471	ug/L	99
14) Carbon disulfide	2.766	76	536481	104.217	ug/L	98
15) Methyl Acetate	2.920	43	267815	98.890	ug/L	100
16) Methylene chloride	3.014	84	234080	94.491	ug/L	98
17) trans-1,2-Dichloroethene	3.322	96	221095	103.087	ug/L	93
18) Methyl tert-butyl Ether	3.332	73	752699	107.735	ug/L	99
19) 1,1-Dichloroethane	3.830	63	423446	99.035	ug/L	100
20) cis-1,2-Dichloroethene	4.631	96	260611	104.333	ug/L	98
22) 2-Butanone	4.666	43	448027	206.113	ug/L	97
23) Bromochloromethane	4.939	128	131261	100.872	ug/L	98
25) Chloroform	5.052	83	457983	100.173	ug/L	99
27) 1,2-Dichloroethane	5.759	62	380196	101.653	ug/L	100
29) Cyclohexane	5.354	56	380799	99.846	ug/L	95
30) 1,1,1-Trichloroethane	5.280	97	389367	107.505	ug/L	99
31) Carbon tetrachloride	5.489	117	316600	109.746	ug/L	98
33) Benzene	5.740	78	941010	100.647	ug/L	100
34) Trichloroethene	6.512	95	270252	101.472	ug/L	98
35) Methylcyclohexane	6.730	83	388959	102.095	ug/L	99
37) 1,2-Dichloropropane	6.759	63	248488	96.072	ug/L	100
38) Bromodichloromethane	7.074	83	338649	108.108	ug/L	97
39) cis-1,3-Dichloropropene	7.579	75	375275	110.339	ug/L	100
40) 4-Methyl-2-pentanone	7.759	43	739858	199.024	ug/L	100
42) Toluene	7.939	91	1041591	100.830	ug/L	99
44) trans-1,3-Dichloropropene	8.181	75	324889	110.117	ug/L	99

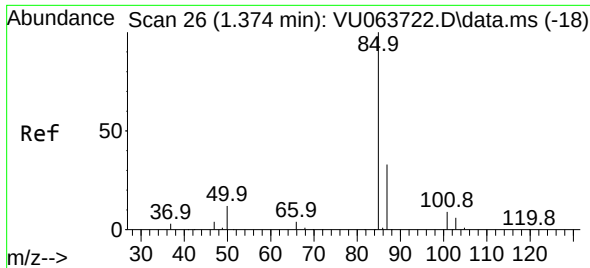
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111725\
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 Quant Title : VOC Analysis
 QLast Update : Tue Nov 18 01:25:43 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.370	97	259938	102.685	ug/L	99
46) Tetrachloroethene	8.525	164	205428	105.518	ug/L	99
48) 2-Hexanone	8.656	43	606263	212.447	ug/L	99
49) Dibromochloromethane	8.782	129	258771	112.487	ug/L	100
50) 1,2-Dibromoethane	8.894	107	270367	102.803	ug/L	99
51) Chlorobenzene	9.418	112	694486	101.217	ug/L	100
52) Ethylbenzene	9.544	91	1211431	105.284	ug/L	99
53) m,p-Xylene	9.669	106	462418	106.839	ug/L	96
54) o-Xylene	10.074	106	452451	106.174	ug/L	98
55) Styrene	10.087	104	760458	108.900	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.753	83	424645	99.880	ug/L	99
59) Bromoform	10.264	173	195203	111.465	ug/L	99
60) 1,2,3-Trichloropropane	10.795	75	353681	96.414	ug/L	99
61) Isopropylbenzene	10.457	105	1231749	102.045	ug/L	100
62) 1,3,5-Trimethylbenzene	11.061	105	1039688	104.969	ug/L	100
63) 1,2,4-Trimethylbenzene	11.441	105	1009856	105.490	ug/L	100
64) 1,3-Dichlorobenzene	11.717	146	555212	101.246	ug/L	100
65) 1,4-Dichlorobenzene	11.811	146	559294	101.055	ug/L	99
67) 1,2-Dichlorobenzene	12.187	146	536249	99.882	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.965	75	97499	115.219	ug/L	95
69) 1,3,5-Trichlorobenzene	13.190	180	395388	103.328	ug/L	100
70) 1,2,4-trichlorobenzene	13.810	180	342479	108.637	ug/L	100
71) Naphthalene	14.055	128	985553	115.033	ug/L	100
72) 1,2,3-Trichlorobenzene	14.299	180	323650	107.124	ug/L	99

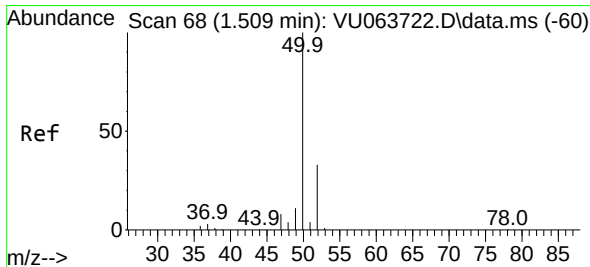
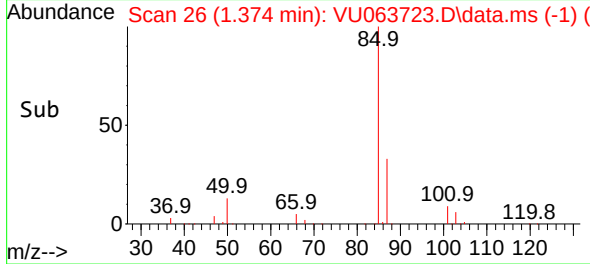
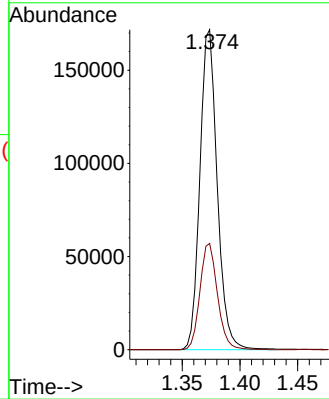
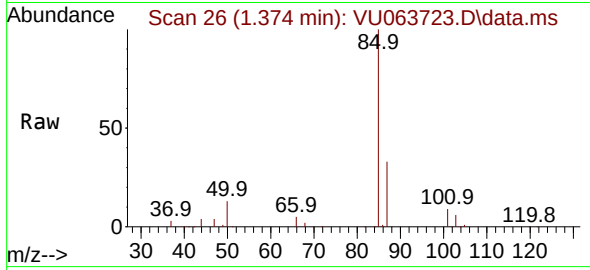
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 99.318 ug/L
 RT: 1.374 min Scan# 26
 Delta R.T. 0.000 min
 Lab File: VU063723.D
 Acq: 17 Nov 2025 12:34

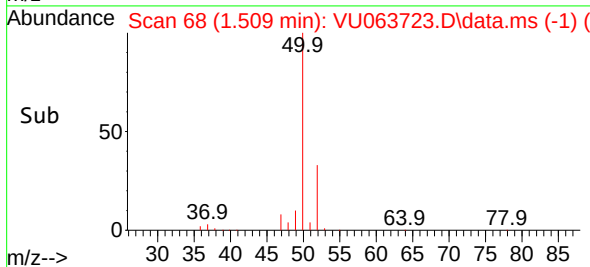
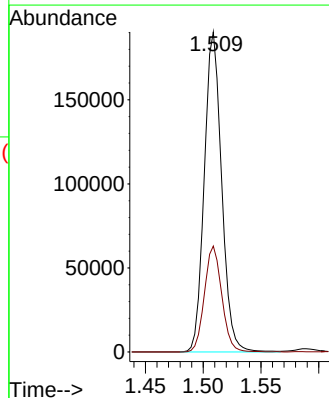
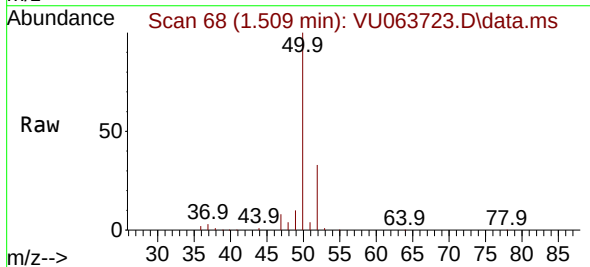
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD100048

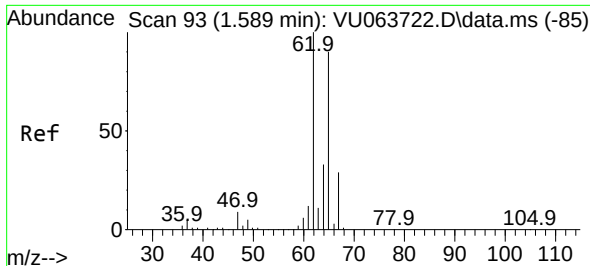
Tgt Ion: 85 Resp: 179251
 Ion Ratio Lower Upper
 85 100
 87 33.5 26.2 39.2



#3
 Chloromethane
 Concen: 88.409 ug/L
 RT: 1.509 min Scan# 68
 Delta R.T. 0.000 min
 Lab File: VU063723.D
 Acq: 17 Nov 2025 12:34

Tgt Ion: 50 Resp: 198745
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.2 43.2

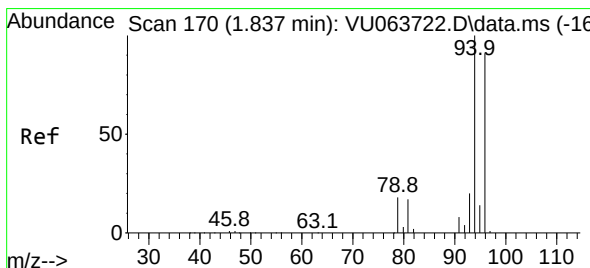
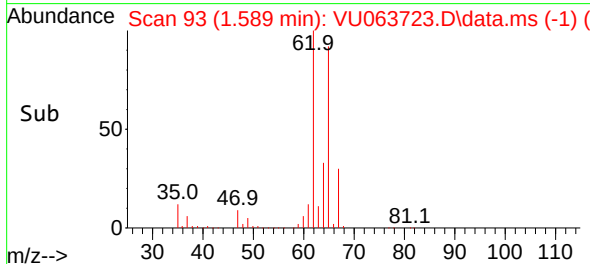
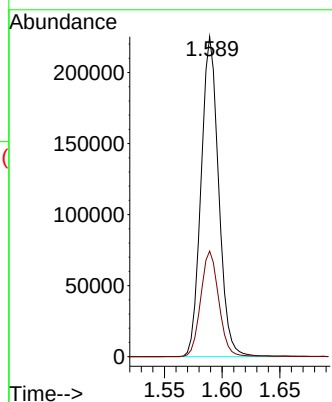
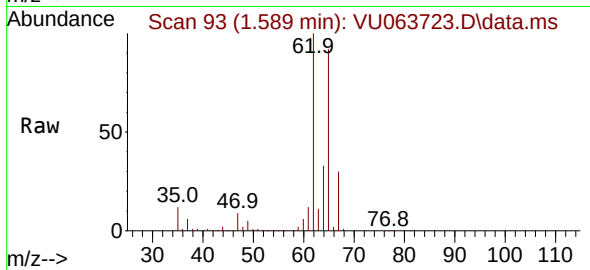




#5
 Vinyl chloride
 Concen: 88.735 ug/L
 RT: 1.589 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU063723.D
 Acq: 17 Nov 2025 12:34

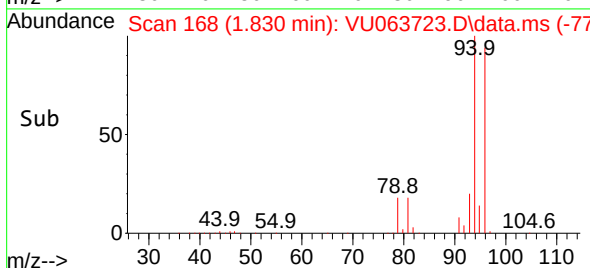
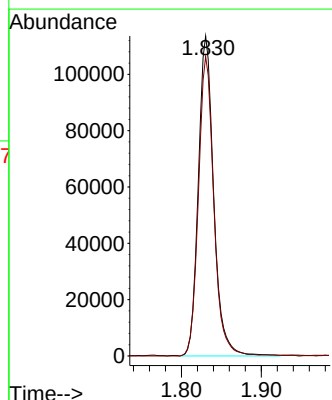
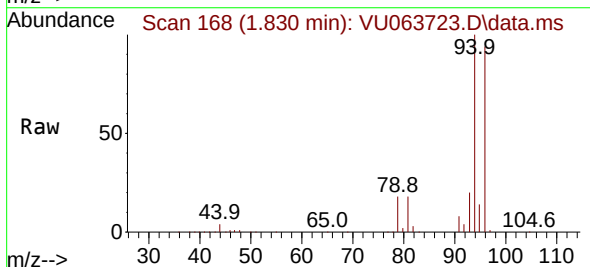
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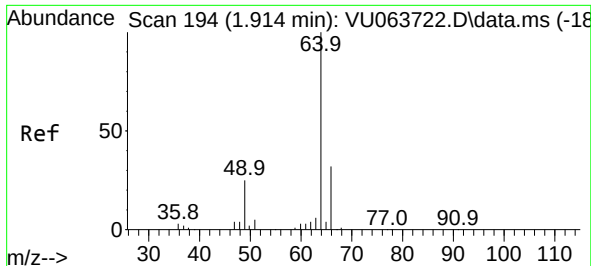
Tgt Ion: 62 Resp: 238753
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.2 43.2



#6
 Bromomethane
 Concen: 90.140 ug/L
 RT: 1.830 min Scan# 168
 Delta R.T. -0.006 min
 Lab File: VU063723.D
 Acq: 17 Nov 2025 12:34

Tgt Ion: 94 Resp: 152707
 Ion Ratio Lower Upper
 94 100
 96 93.6 63.8 118.4

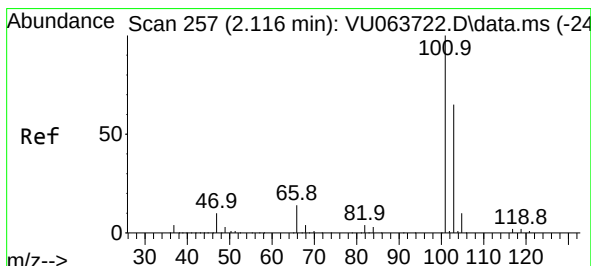
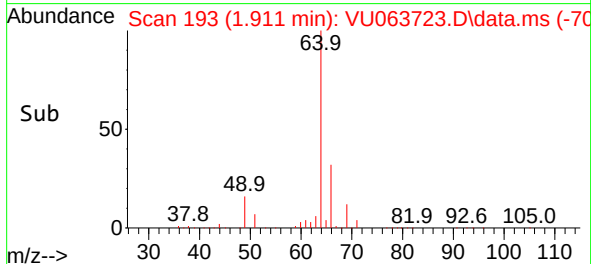
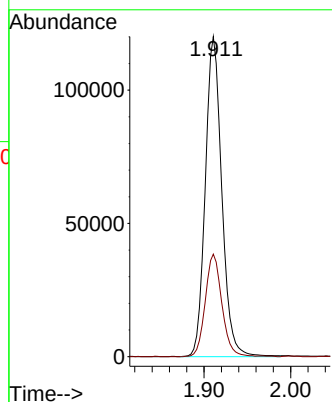
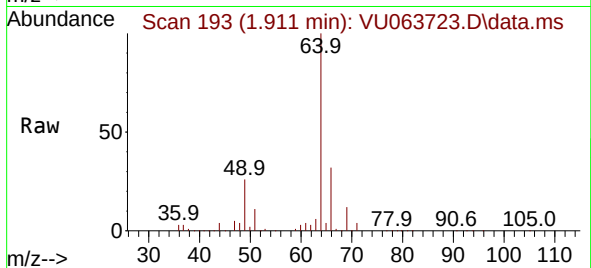




#8
Chloroethane
Concen: 87.328 ug/L
RT: 1.911 min Scan# 194
Delta R.T. -0.003 min
Lab File: VU063723.D
Acq: 17 Nov 2025 12:34

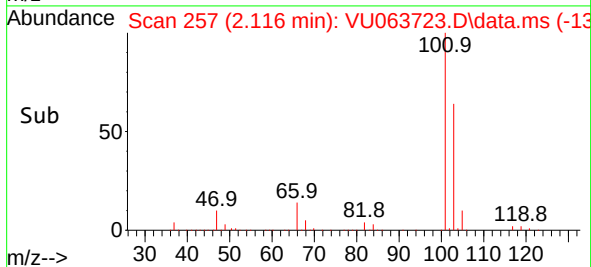
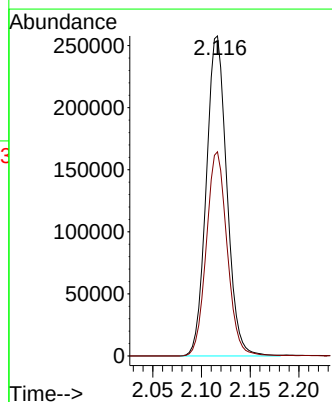
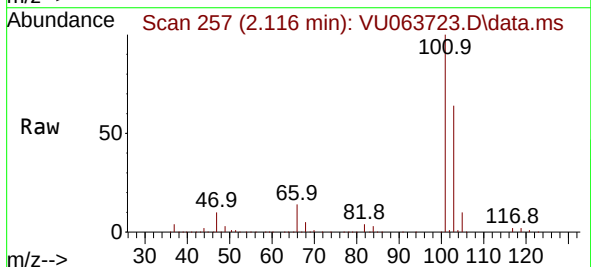
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ClientSampleId :
VSTD100048

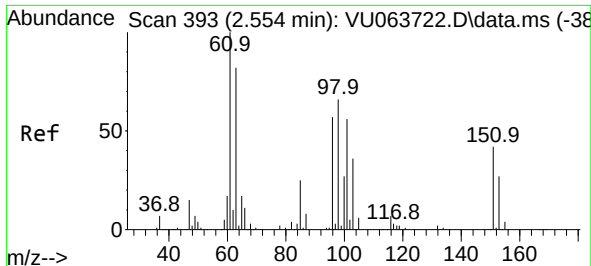
Tgt Ion: 64 Resp: 158823
Ion Ratio Lower Upper
64 100
66 32.1 22.4 41.6



#9
Trichlorofluoromethane
Concen: 95.483 ug/L
RT: 2.116 min Scan# 257
Delta R.T. 0.000 min
Lab File: VU063723.D
Acq: 17 Nov 2025 12:34

Tgt Ion:101 Resp: 378350
Ion Ratio Lower Upper
101 100
103 64.6 52.0 78.0

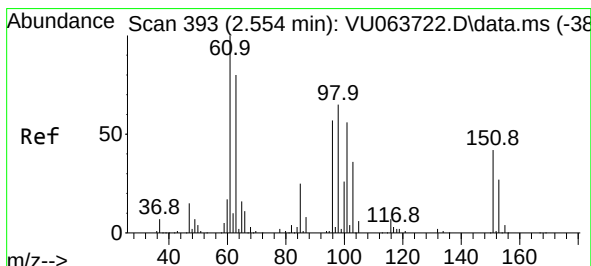
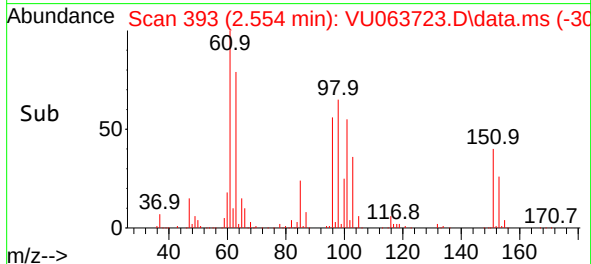
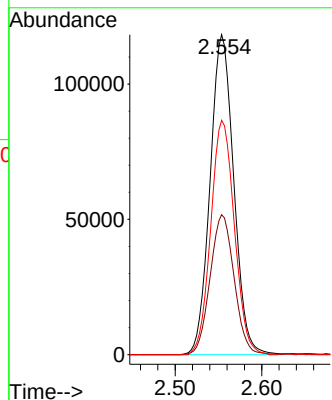
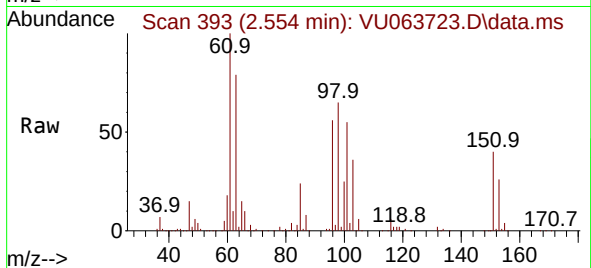




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 101.079 ug/L
 RT: 2.554 min Scan# 393
 Delta R.T. 0.000 min
 Lab File: VU063723.D
 Acq: 17 Nov 2025 12:34

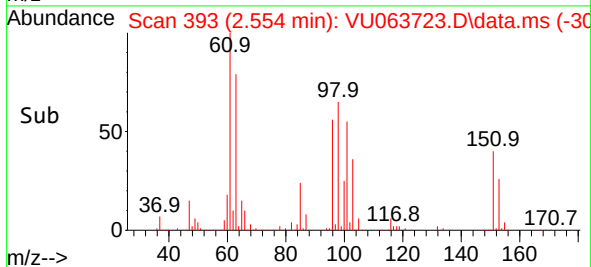
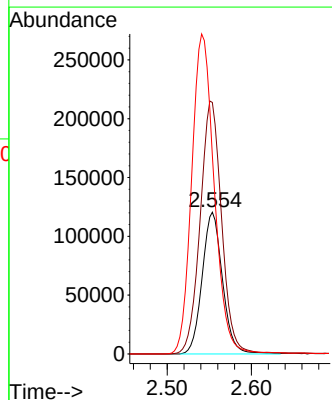
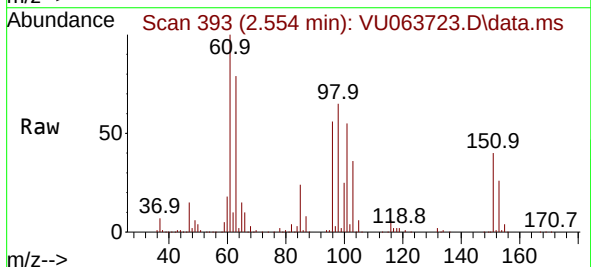
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD100048

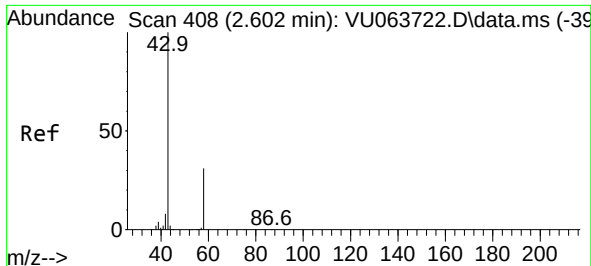
Tgt Ion:101 Resp: 224461
 Ion Ratio Lower Upper
 101 100
 85 44.4 36.3 54.5
 151 73.0 60.1 90.1



#12
 1,1-Dichloroethene
 Concen: 102.059 ug/L
 RT: 2.554 min Scan# 393
 Delta R.T. 0.000 min
 Lab File: VU063723.D
 Acq: 17 Nov 2025 12:34

Tgt Ion: 96 Resp: 202557
 Ion Ratio Lower Upper
 96 100
 61 177.4 123.3 228.9
 63 139.9 103.3 191.8





#13

Acetone

Concen: 210.471 ug/L

RT: 2.599 min Scan# 407

Delta R.T. -0.003 min

Lab File: VU063723.D

Acq: 17 Nov 2025 12:34

Instrument :

MSVOA_U

ClientSampleId :

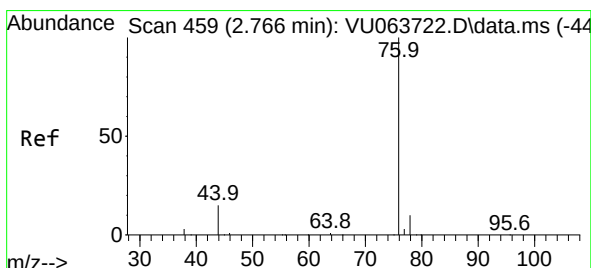
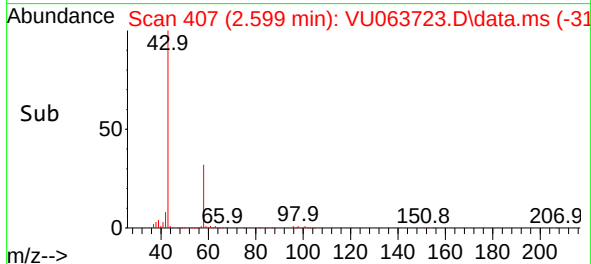
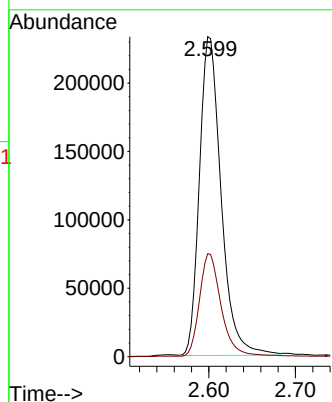
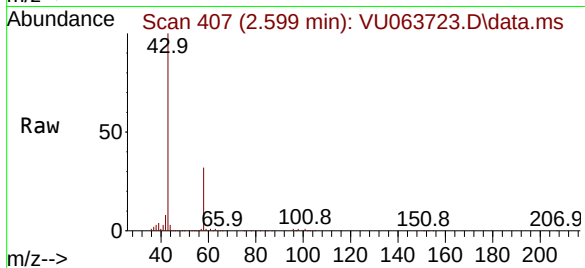
VSTD100048

Tgt Ion: 43 Resp: 405936

Ion Ratio Lower Upper

43 100

58 32.0 0.0 63.4



#14

Carbon disulfide

Concen: 104.217 ug/L

RT: 2.766 min Scan# 459

Delta R.T. 0.000 min

Lab File: VU063723.D

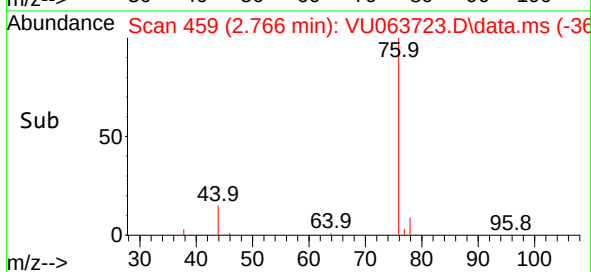
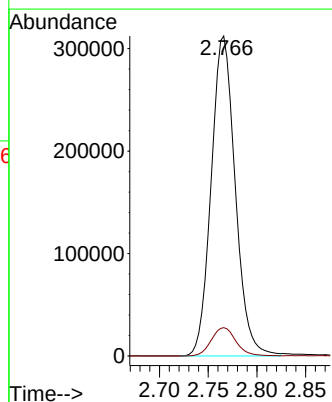
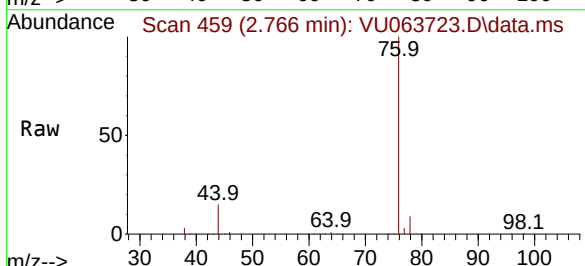
Acq: 17 Nov 2025 12:34

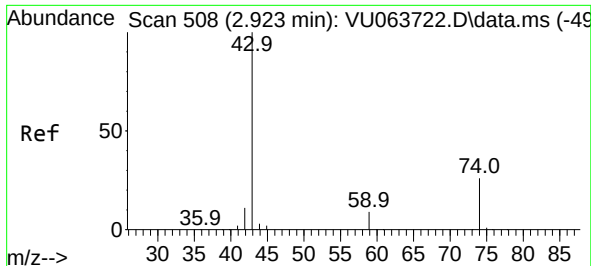
Tgt Ion: 76 Resp: 536481

Ion Ratio Lower Upper

76 100

78 8.9 7.8 11.6

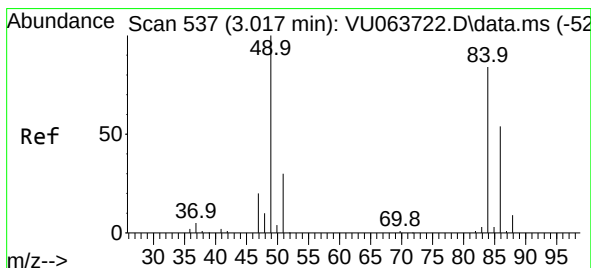
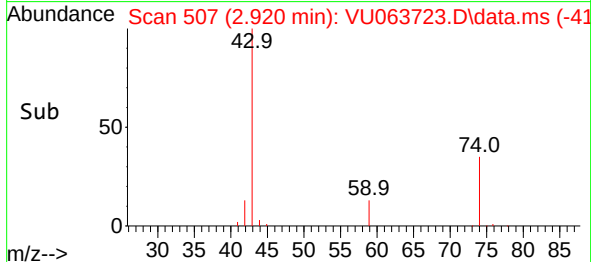
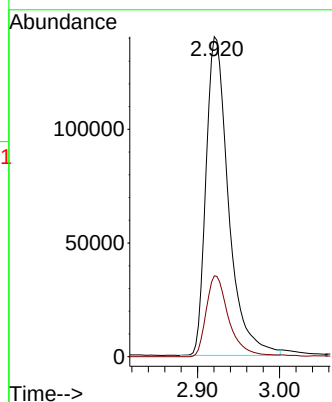
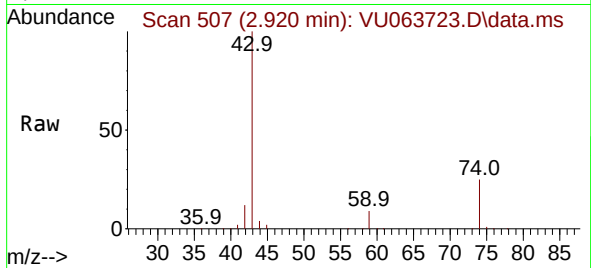




#15
Methyl Acetate
Concen: 98.890 ug/L
RT: 2.920 min Scan# 508
Delta R.T. -0.003 min
Lab File: VU063723.D
Acq: 17 Nov 2025 12:34

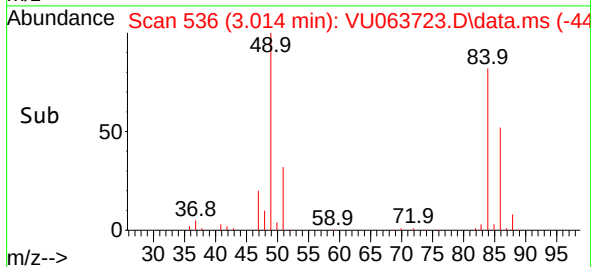
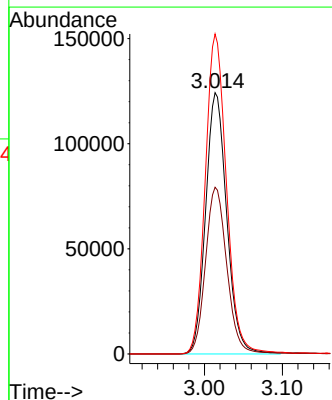
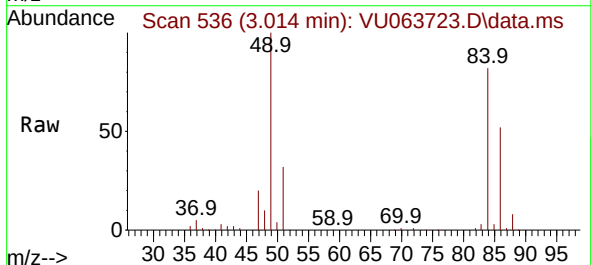
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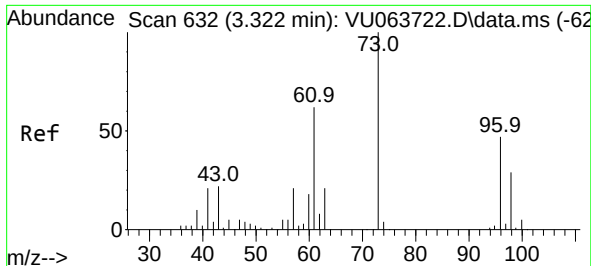
Tgt Ion: 43 Resp: 267815
Ion Ratio Lower Upper
43 100
74 25.5 20.5 30.7



#16
Methylene chloride
Concen: 94.491 ug/L
RT: 3.014 min Scan# 536
Delta R.T. -0.003 min
Lab File: VU063723.D
Acq: 17 Nov 2025 12:34

Tgt Ion: 84 Resp: 234080
Ion Ratio Lower Upper
84 100
86 63.8 45.2 84.0
49 122.4 83.6 155.2



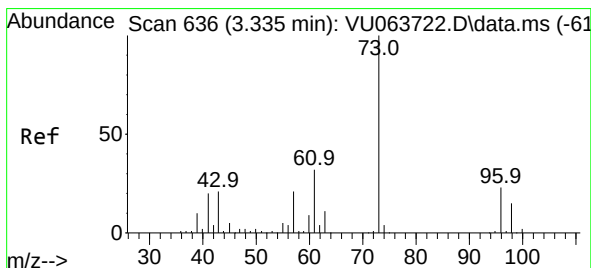
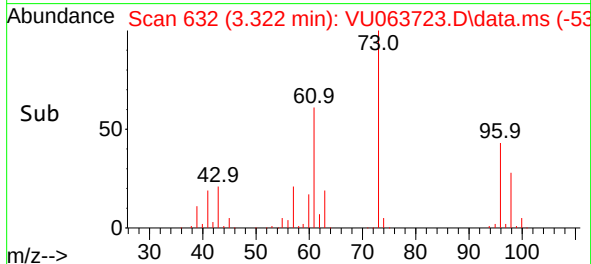
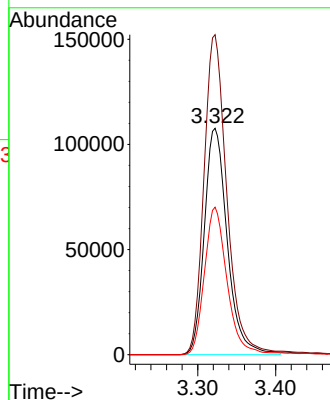
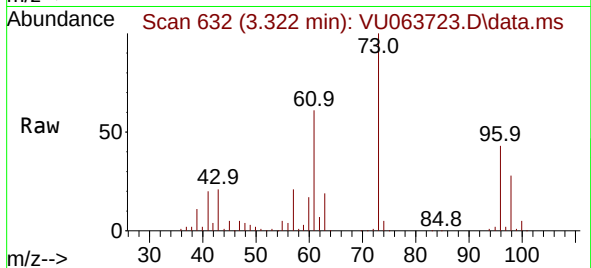


#17
 trans-1,2-Dichloroethene
 Concen: 103.087 ug/L
 RT: 3.322 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VU063723.D
 Acq: 17 Nov 2025 12:34

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD100048

Tgt Ion: 96 Resp: 221095

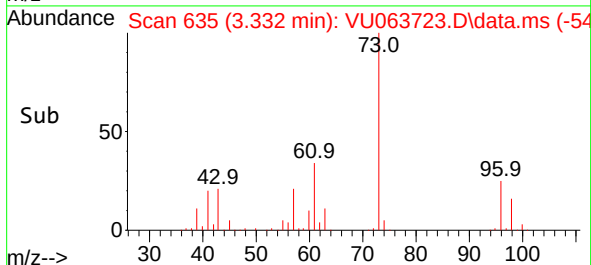
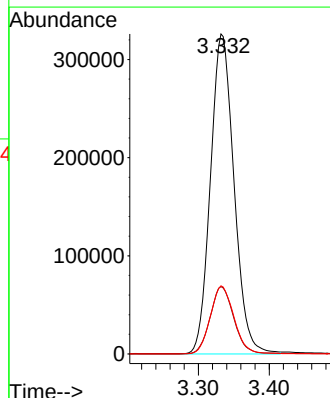
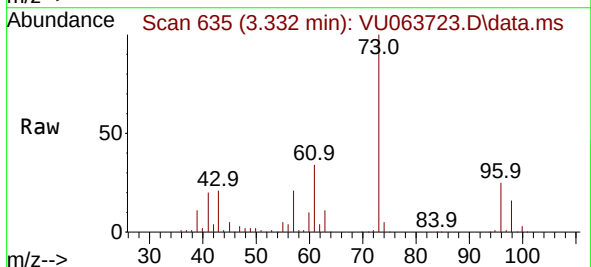
Ion	Ratio	Lower	Upper
96	100		
61	141.3	92.7	172.1
98	65.2	43.2	80.2

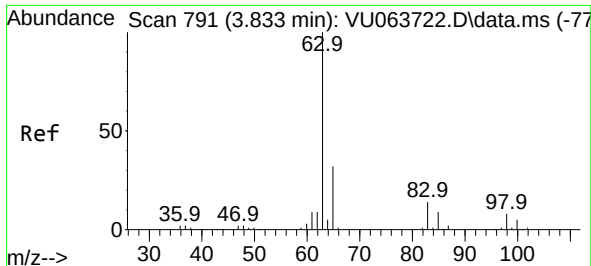


#18
 Methyl tert-butyl Ether
 Concen: 107.735 ug/L
 RT: 3.332 min Scan# 635
 Delta R.T. -0.003 min
 Lab File: VU063723.D
 Acq: 17 Nov 2025 12:34

Tgt Ion: 73 Resp: 752699

Ion	Ratio	Lower	Upper
73	100		
43	20.8	16.6	24.8
57	21.4	16.3	24.5

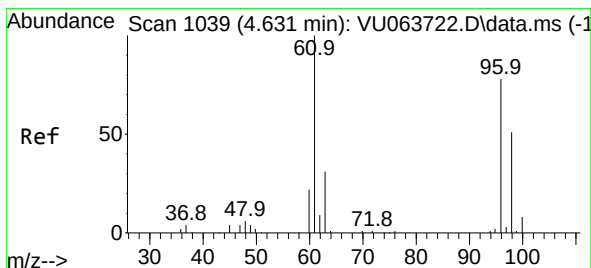
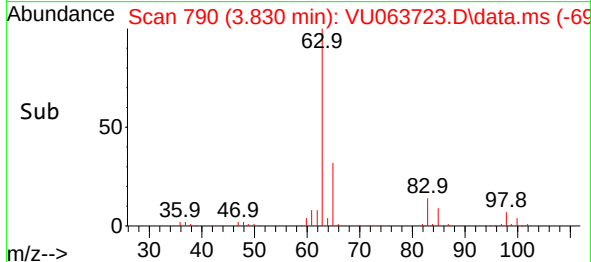
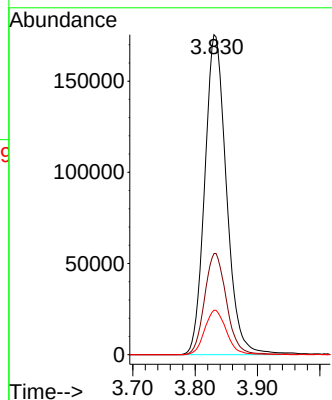
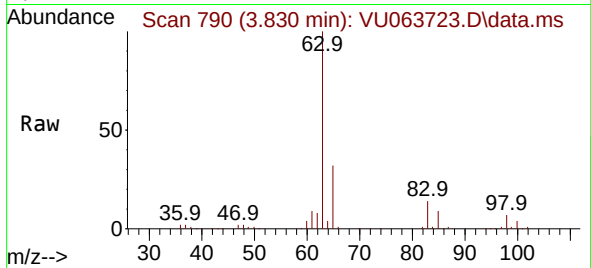




#19
1,1-Dichloroethane
Concen: 99.035 ug/L
RT: 3.830 min Scan# 791
Delta R.T. -0.003 min
Lab File: VU063723.D
Acq: 17 Nov 2025 12:34

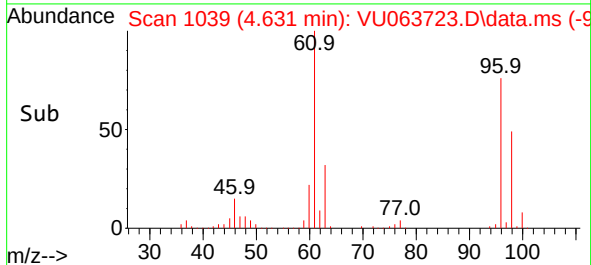
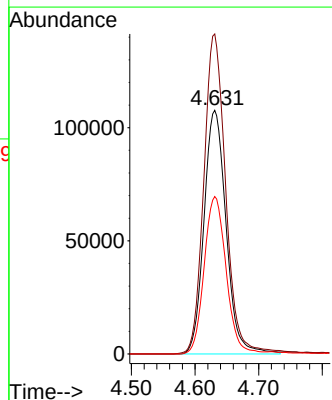
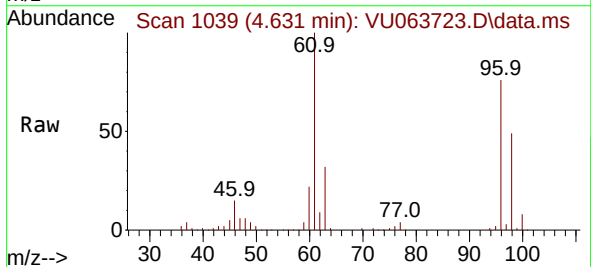
Instrument :
MSVOA_U
ClientSampleId :
VSTD100048

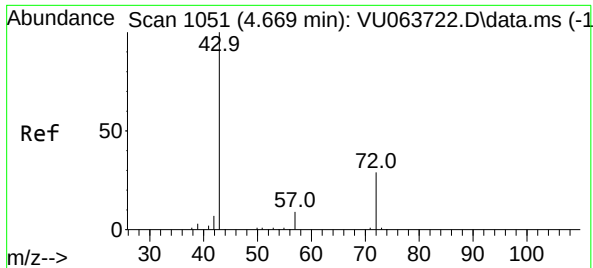
Tgt Ion: 63 Resp: 423446
Ion Ratio Lower Upper
63 100
65 31.6 22.0 41.0
83 13.9 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 104.333 ug/L
RT: 4.631 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VU063723.D
Acq: 17 Nov 2025 12:34

Tgt Ion: 96 Resp: 260611
Ion Ratio Lower Upper
96 100
61 131.3 90.3 167.7
98 64.6 46.3 86.1

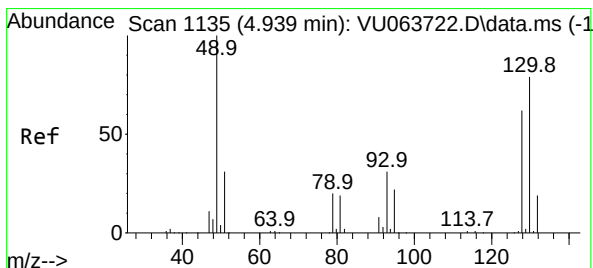
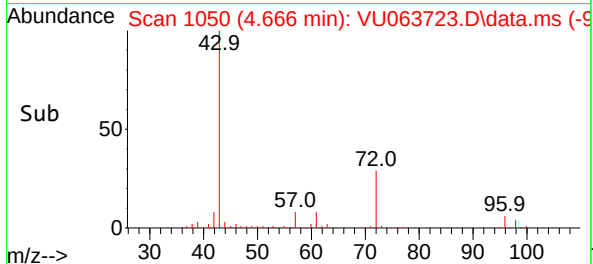
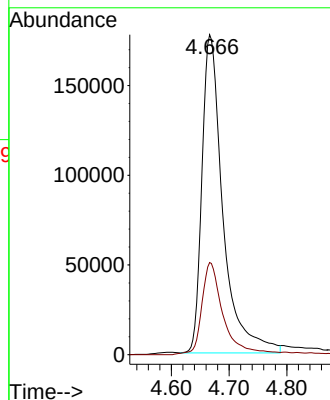
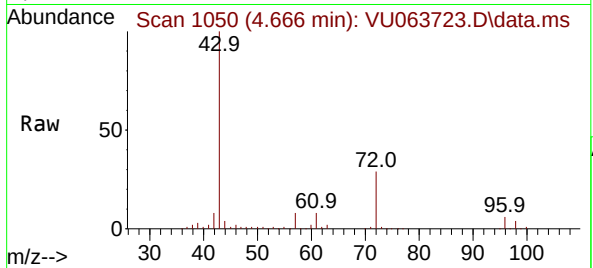




#22
2-Butanone
Concen: 206.113 ug/L
RT: 4.666 min Scan# 1050
Delta R.T. -0.003 min
Lab File: VU063723.D
Acq: 17 Nov 2025 12:34

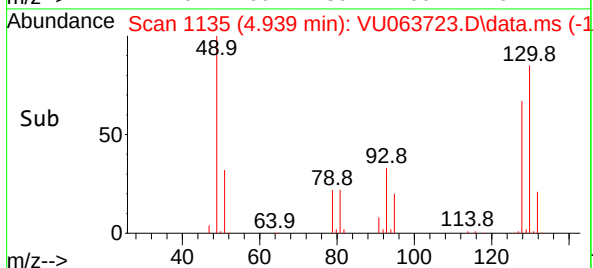
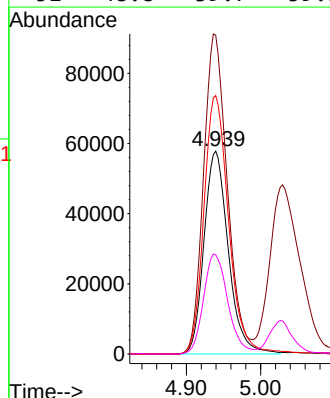
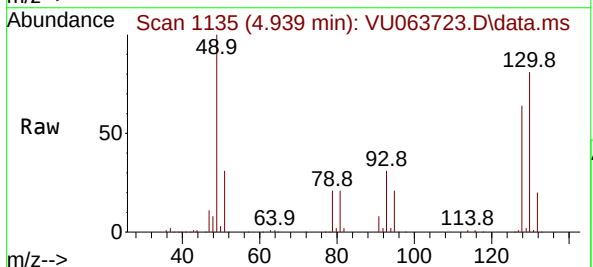
Instrument :
MSVOA_U
ClientSampleId :
VSTD100048

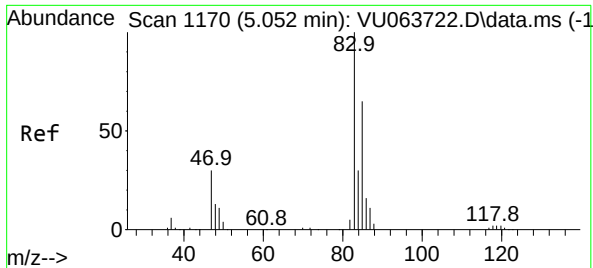
Tgt Ion: 43 Resp: 448027
Ion Ratio Lower Upper
43 100
72 28.8 13.6 40.7



#23
Bromochloromethane
Concen: 100.872 ug/L
RT: 4.939 min Scan# 1135
Delta R.T. 0.000 min
Lab File: VU063723.D
Acq: 17 Nov 2025 12:34

Tgt Ion:128 Resp: 131261
Ion Ratio Lower Upper
128 100
49 157.1 113.5 210.7
130 127.3 89.8 166.8
51 48.8 39.7 59.5

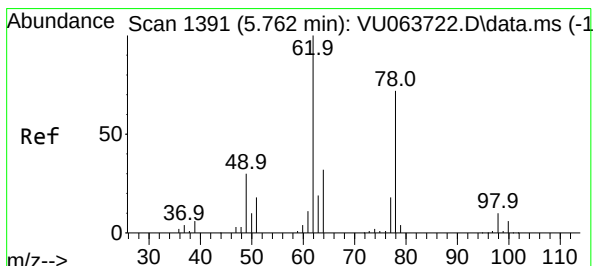
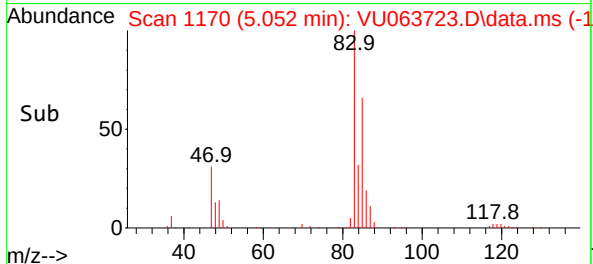
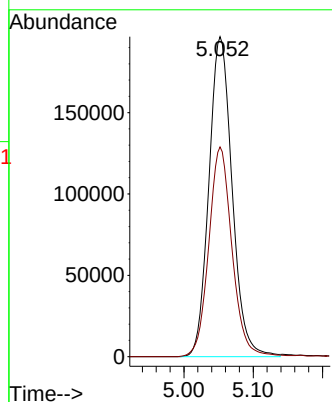
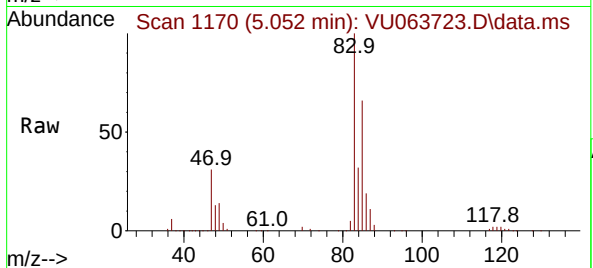




#25
Chloroform
Concen: 100.173 ug/L
RT: 5.052 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VU063723.D
Acq: 17 Nov 2025 12:34

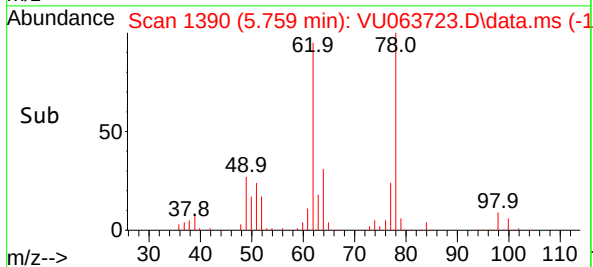
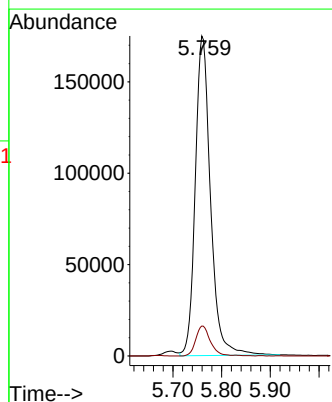
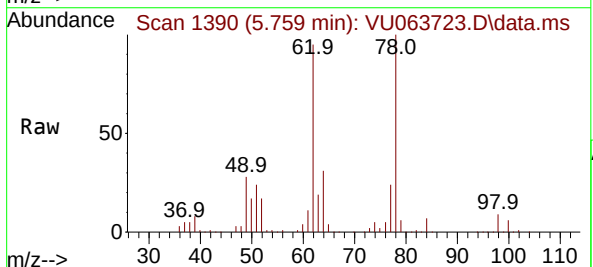
Instrument :
MSVOA_U
ClientSampleId :
VSTD100048

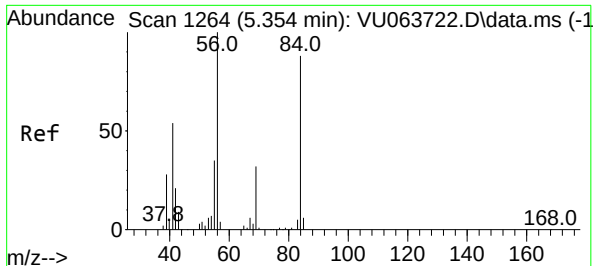
Tgt Ion: 83 Resp: 457983
Ion Ratio Lower Upper
83 100
85 65.5 45.4 84.4



#27
1,2-Dichloroethane
Concen: 101.653 ug/L
RT: 5.759 min Scan# 1390
Delta R.T. -0.003 min
Lab File: VU063723.D
Acq: 17 Nov 2025 12:34

Tgt Ion: 62 Resp: 380196
Ion Ratio Lower Upper
62 100
98 9.4 7.6 11.4





#29

Cyclohexane

Concen: 99.846 ug/L

RT: 5.354 min Scan# 1264

Delta R.T. 0.000 min

Lab File: VU063723.D

Acq: 17 Nov 2025 12:34

Instrument :

MSVOA_U

ClientSampleId :

VSTD100048

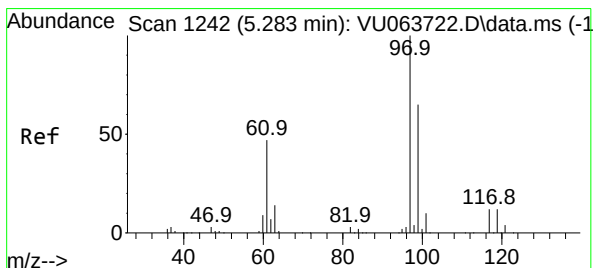
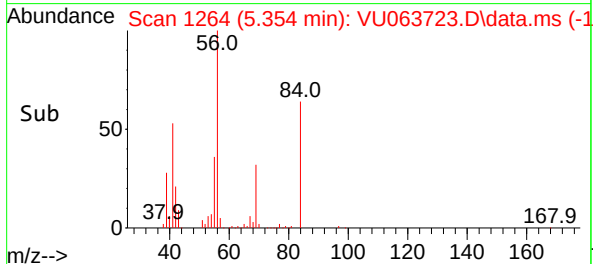
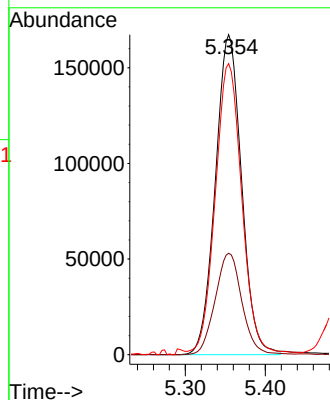
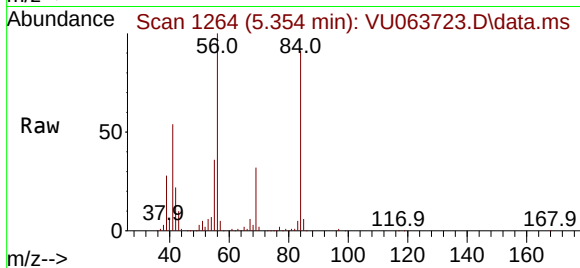
Tgt Ion: 56 Resp: 380799

Ion Ratio Lower Upper

56 100

69 32.3 25.8 38.8

84 92.7 69.3 103.9



#30

1,1,1-Trichloroethane

Concen: 107.505 ug/L

RT: 5.280 min Scan# 1241

Delta R.T. -0.003 min

Lab File: VU063723.D

Acq: 17 Nov 2025 12:34

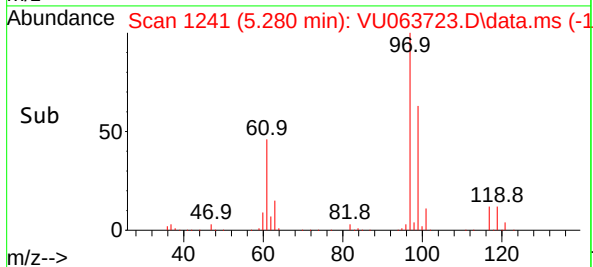
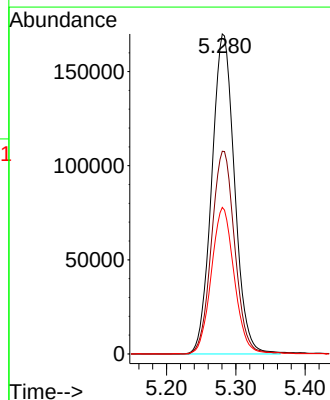
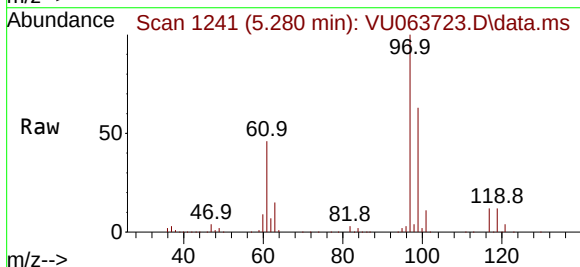
Tgt Ion: 97 Resp: 389367

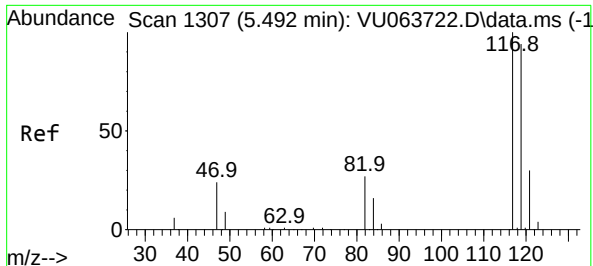
Ion Ratio Lower Upper

97 100

99 64.2 50.7 76.1

61 45.7 37.2 55.8

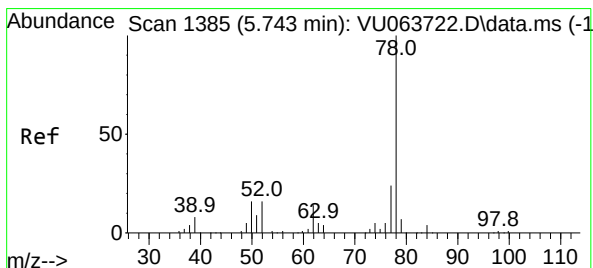
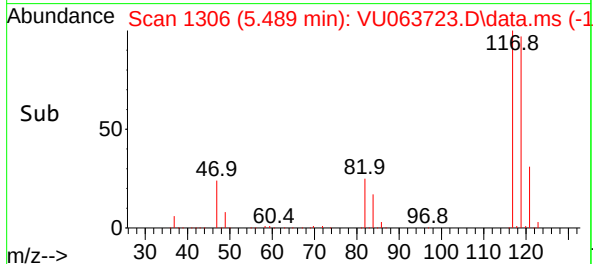
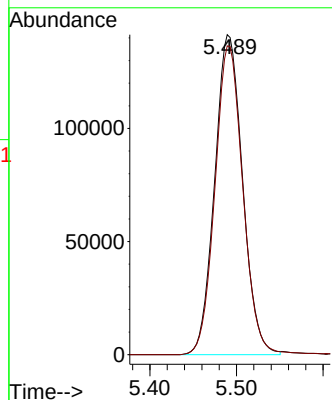
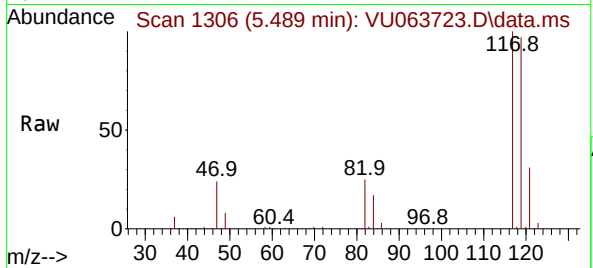




#31
Carbon tetrachloride
Concen: 109.746 ug/L
RT: 5.489 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU063723.D
Acq: 17 Nov 2025 12:34

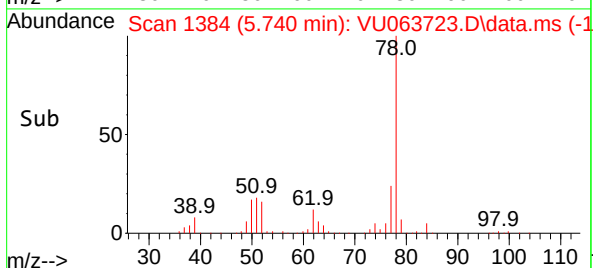
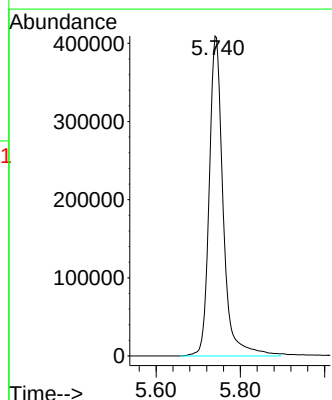
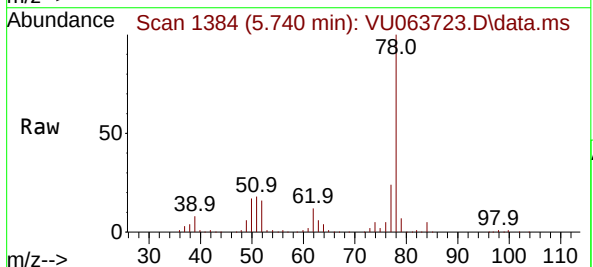
Instrument :
MSVOA_U
ClientSampleId :
VSTD100048

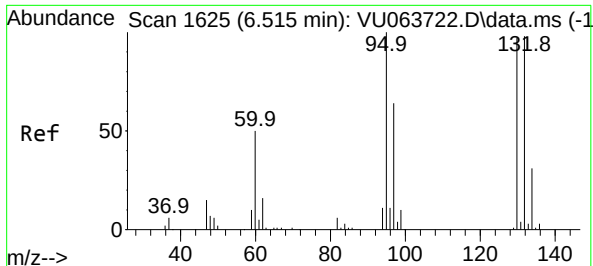
Tgt Ion:117 Resp: 316600
Ion Ratio Lower Upper
117 100
119 96.5 76.0 114.0



#33
Benzene
Concen: 100.647 ug/L
RT: 5.740 min Scan# 1384
Delta R.T. -0.003 min
Lab File: VU063723.D
Acq: 17 Nov 2025 12:34

Tgt Ion: 78 Resp: 941010

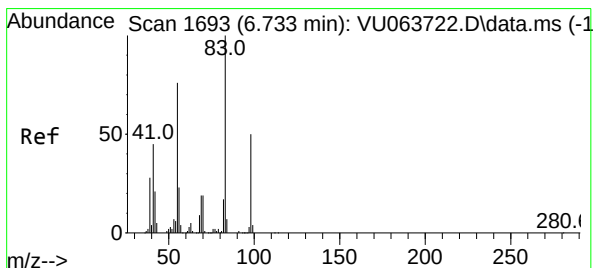
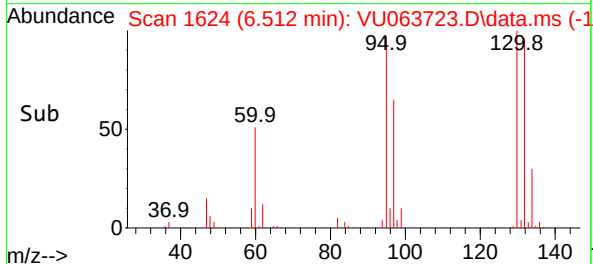
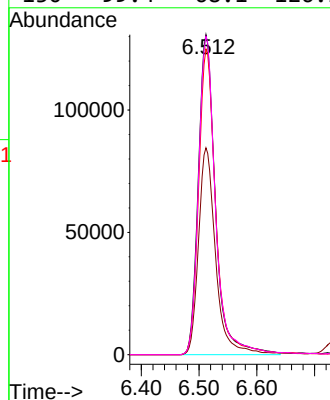
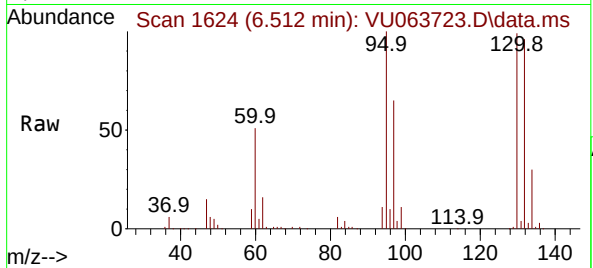




#34
Trichloroethene
Concen: 101.472 ug/L
RT: 6.512 min Scan# 1624
Delta R.T. -0.003 min
Lab File: VU063723.D
Acq: 17 Nov 2025 12:34

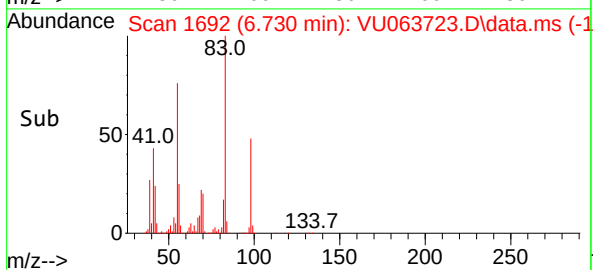
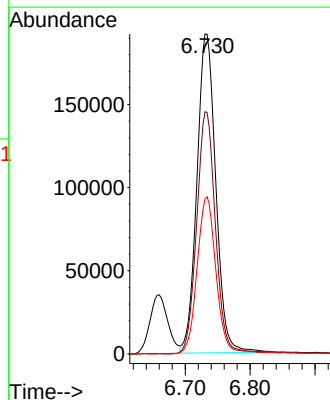
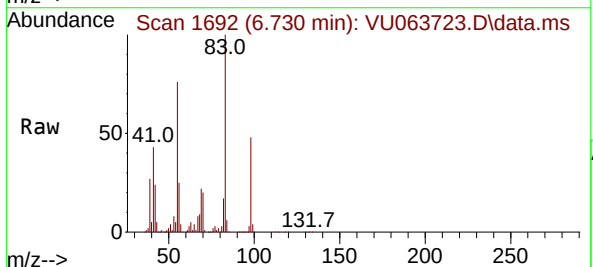
Instrument :
MSVOA_U
ClientSampleId :
VSTD100048

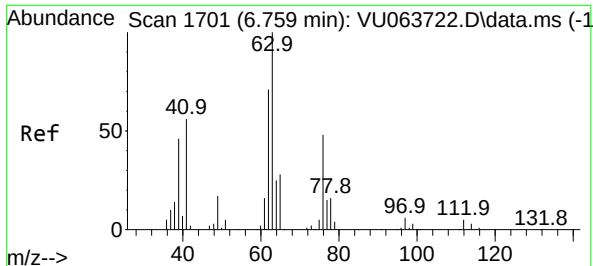
Tgt Ion: 95 Resp: 270252
Ion Ratio Lower Upper
95 100
97 64.6 45.1 83.9
132 95.5 68.3 126.8
130 99.4 68.1 126.5



#35
Methylcyclohexane
Concen: 102.095 ug/L
RT: 6.730 min Scan# 1692
Delta R.T. -0.003 min
Lab File: VU063723.D
Acq: 17 Nov 2025 12:34

Tgt Ion: 83 Resp: 388959
Ion Ratio Lower Upper
83 100
55 76.5 60.9 91.3
98 48.7 39.7 59.5

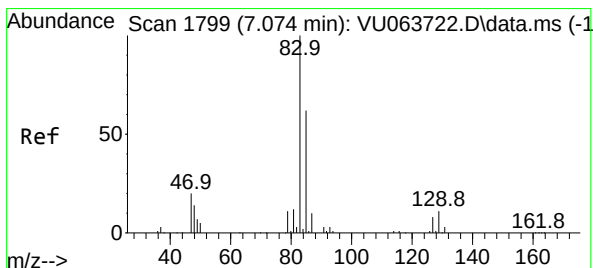
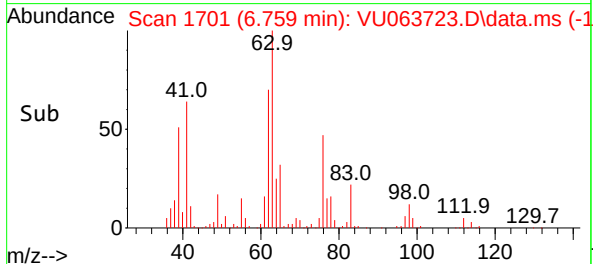
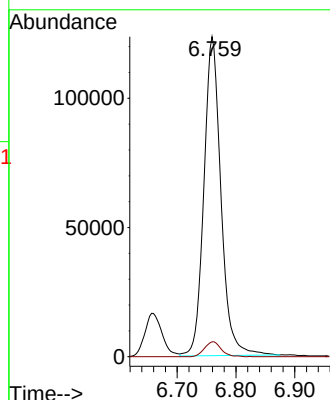
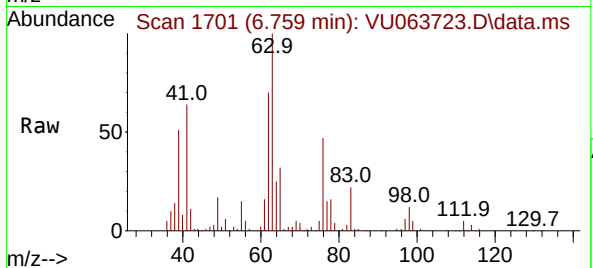




#37
1,2-Dichloropropane
Concen: 96.072 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VU063723.D
Acq: 17 Nov 2025 12:34

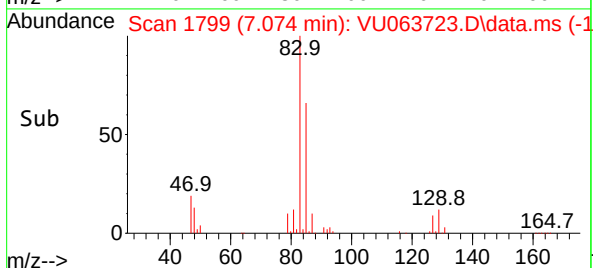
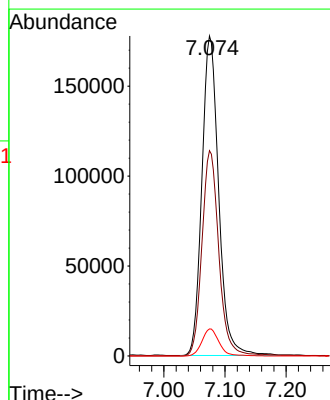
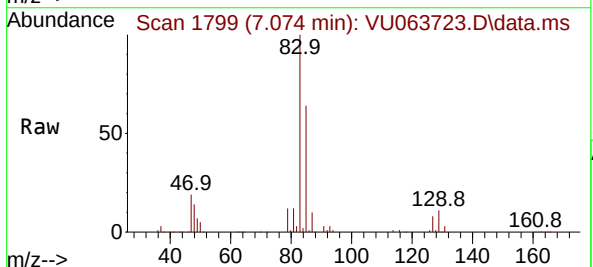
Instrument :
MSVOA_U
ClientSampleId :
VSTD100048

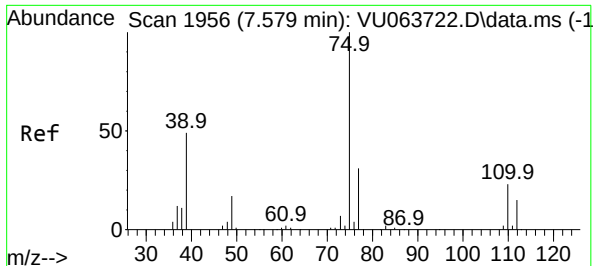
Tgt Ion: 63 Resp: 248488
Ion Ratio Lower Upper
63 100
112 4.5 3.7 5.5



#38
Bromodichloromethane
Concen: 108.108 ug/L
RT: 7.074 min Scan# 1799
Delta R.T. 0.000 min
Lab File: VU063723.D
Acq: 17 Nov 2025 12:34

Tgt Ion: 83 Resp: 338649
Ion Ratio Lower Upper
83 100
85 64.2 43.1 80.1
127 8.4 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 110.339 ug/L

RT: 7.579 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VU063723.D

Acq: 17 Nov 2025 12:34

Instrument :

MSVOA_U

ClientSampleId :

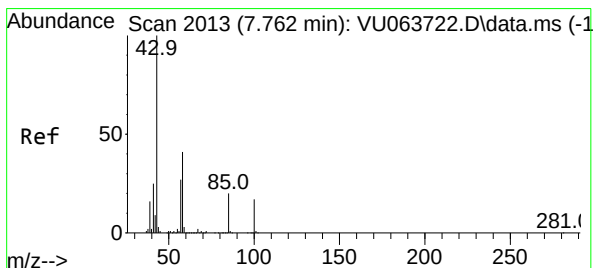
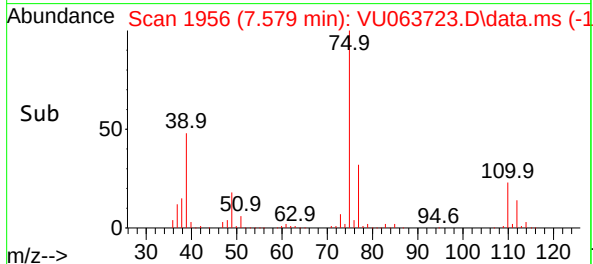
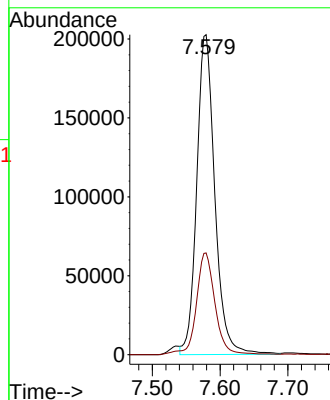
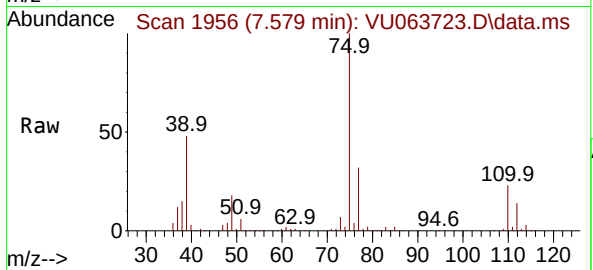
VSTD100048

Tgt Ion: 75 Resp: 375275

Ion Ratio Lower Upper

75 100

77 31.8 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 199.024 ug/L

RT: 7.759 min Scan# 2012

Delta R.T. -0.003 min

Lab File: VU063723.D

Acq: 17 Nov 2025 12:34

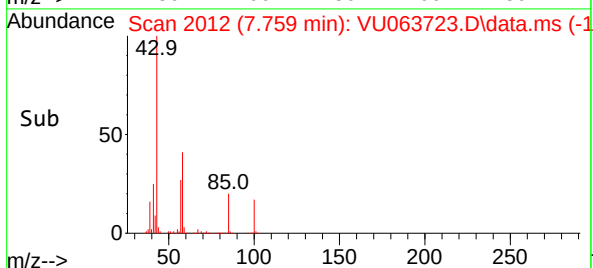
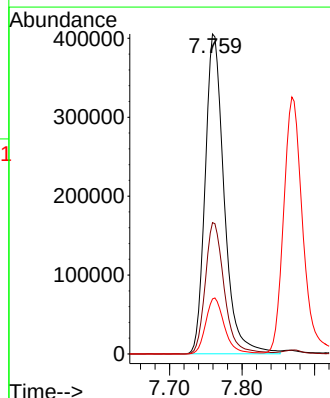
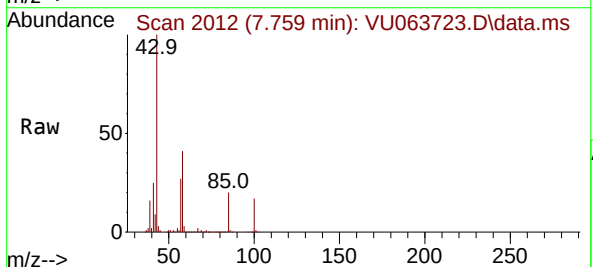
Tgt Ion: 43 Resp: 739858

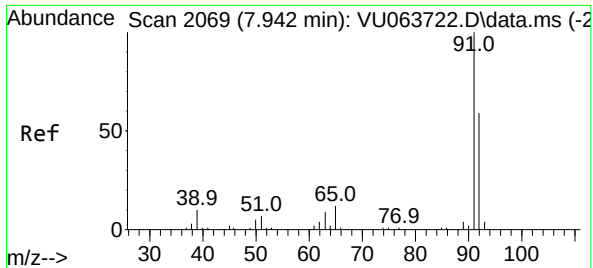
Ion Ratio Lower Upper

43 100

58 41.1 32.9 49.3

100 17.3 13.9 20.9





#42

Toluene

Concen: 100.830 ug/L

RT: 7.939 min Scan# 2068

Delta R.T. -0.003 min

Lab File: VU063723.D

Acq: 17 Nov 2025 12:34

Instrument :

MSVOA_U

ClientSampleId :

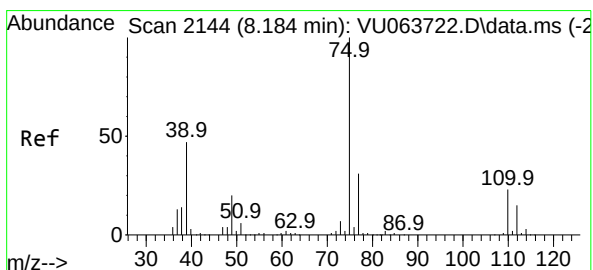
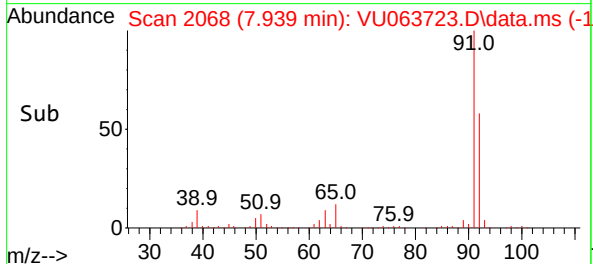
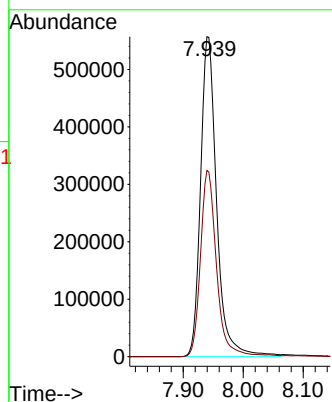
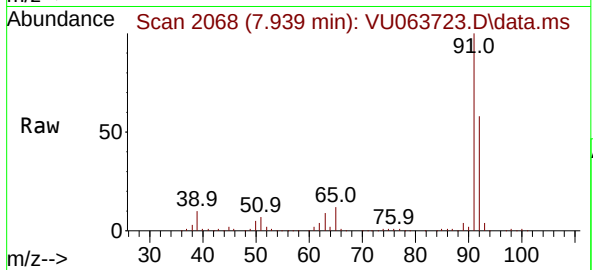
VSTD100048

Tgt Ion: 91 Resp: 1041591

Ion Ratio Lower Upper

91 100

92 58.2 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 110.117 ug/L

RT: 8.181 min Scan# 2143

Delta R.T. -0.003 min

Lab File: VU063723.D

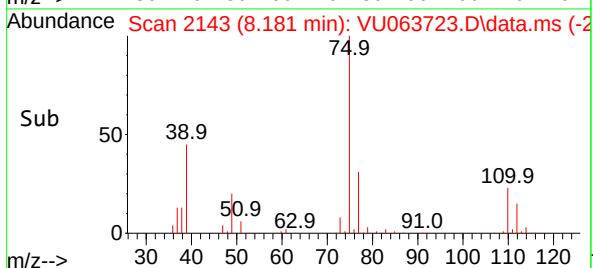
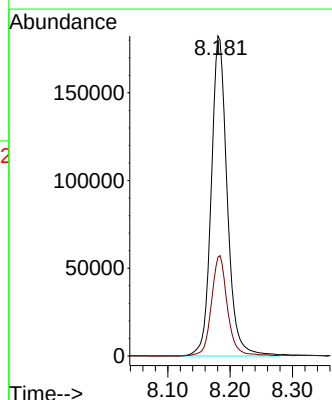
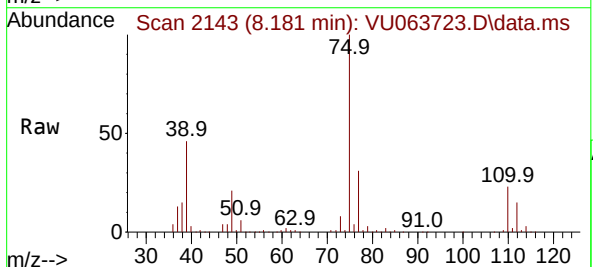
Acq: 17 Nov 2025 12:34

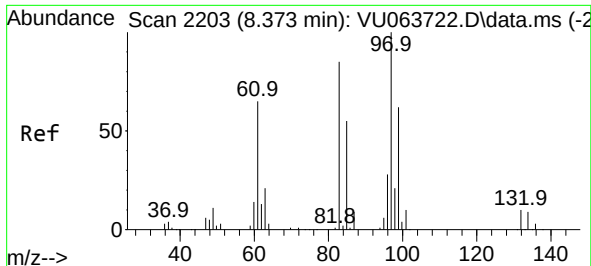
Tgt Ion: 75 Resp: 324889

Ion Ratio Lower Upper

75 100

77 30.9 21.4 39.8



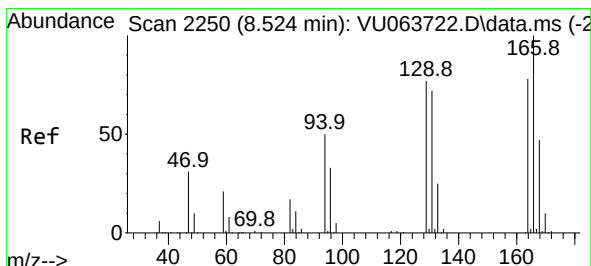
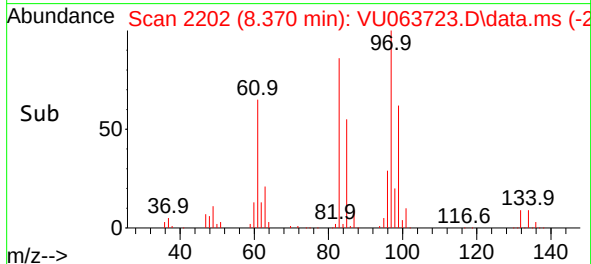
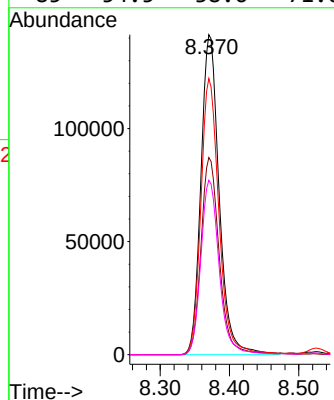
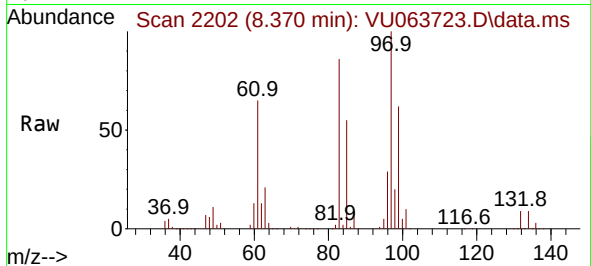


#45
1,1,2-Trichloroethane
Concen: 102.685 ug/L
RT: 8.370 min Scan# 211
Delta R.T. -0.003 min
Lab File: VU063723.D
Acq: 17 Nov 2025 12:34

Instrument :
MSVOA_U
ClientSampleId :
VSTD100048

Tgt Ion: 97 Resp: 259938

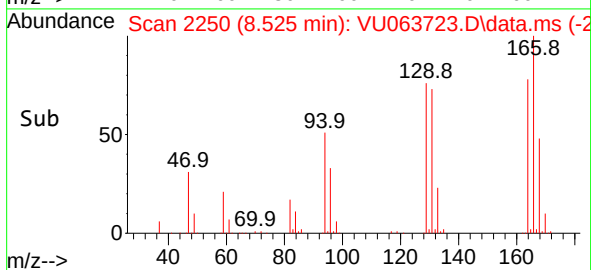
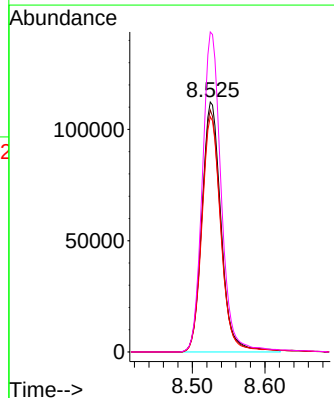
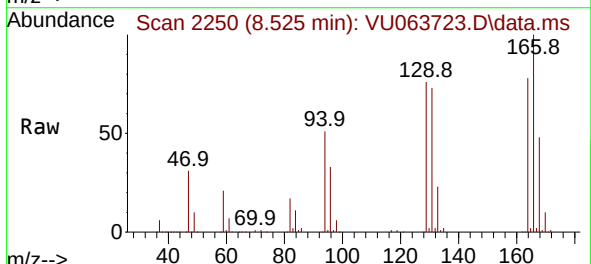
Ion	Ratio	Lower	Upper
97	100		
99	61.6	43.7	81.1
83	86.3	59.7	110.9
85	54.5	38.6	71.6

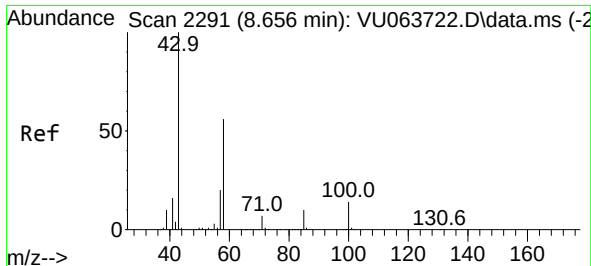


#46
Tetrachloroethene
Concen: 105.518 ug/L
RT: 8.525 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VU063723.D
Acq: 17 Nov 2025 12:34

Tgt Ion: 164 Resp: 205428

Ion	Ratio	Lower	Upper
164	100		
129	96.8	68.5	127.3
131	94.1	64.3	119.3
166	128.0	89.5	166.1

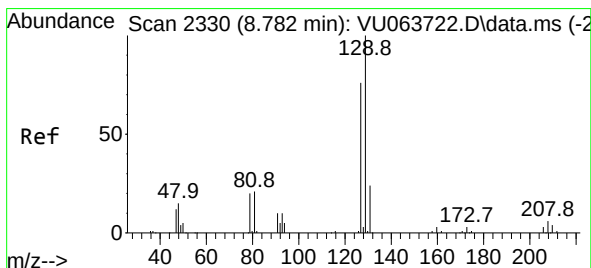
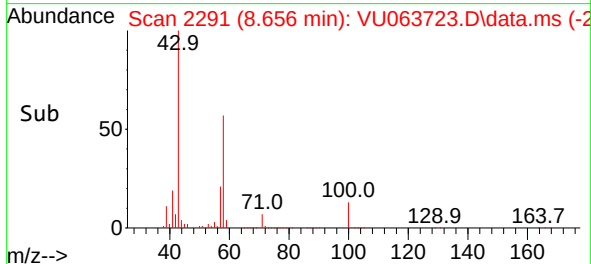
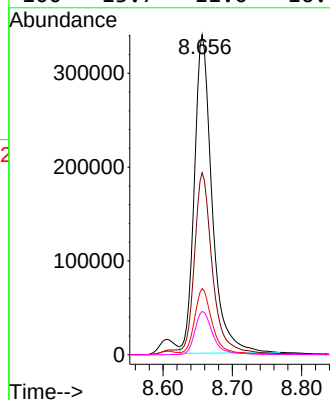
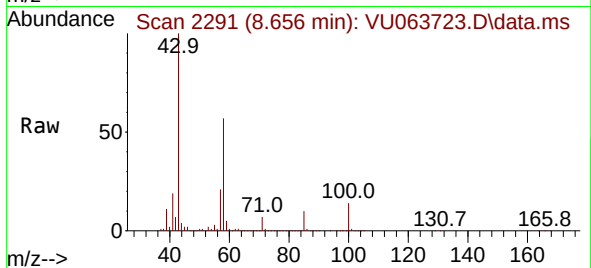




#48
2-Hexanone
Concen: 212.447 ug/L
RT: 8.656 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VU063723.D
Acq: 17 Nov 2025 12:34

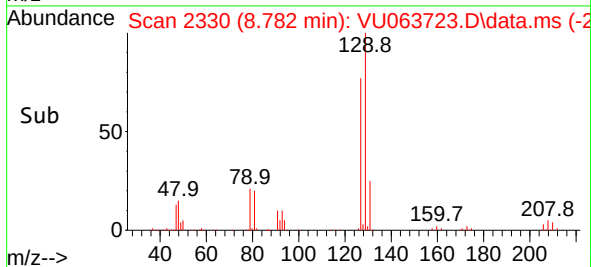
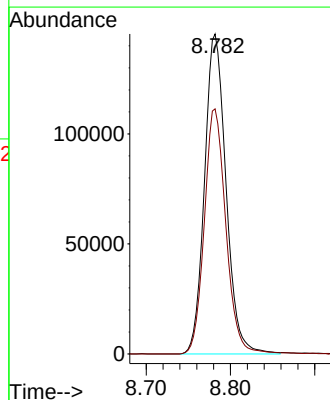
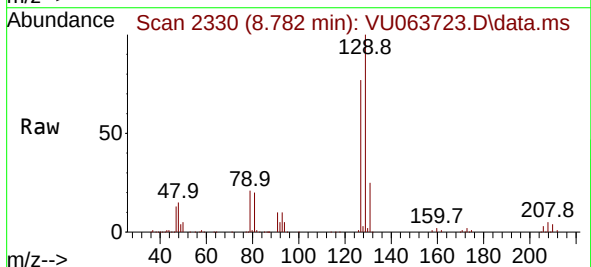
Instrument :
MSVOA_U
ClientSampleId :
VSTD100048

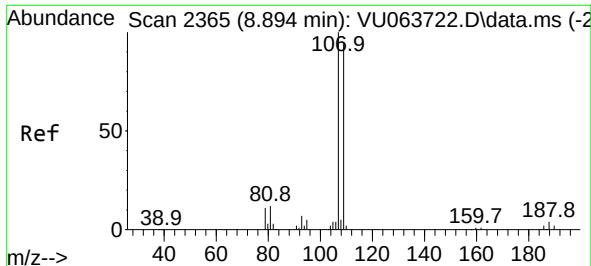
Tgt Ion: 43 Resp: 606263
Ion Ratio Lower Upper
43 100
58 57.4 44.8 67.2
57 20.3 16.6 24.8
100 13.7 11.0 16.4



#49
Dibromochloromethane
Concen: 112.487 ug/L
RT: 8.782 min Scan# 2330
Delta R.T. 0.000 min
Lab File: VU063723.D
Acq: 17 Nov 2025 12:34

Tgt Ion: 129 Resp: 258771
Ion Ratio Lower Upper
129 100
127 76.6 53.4 99.2





#50

1,2-Dibromoethane

Concen: 102.803 ug/L

RT: 8.894 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU063723.D

Acq: 17 Nov 2025 12:34

Instrument :

MSVOA_U

ClientSampleId :

VSTD100048

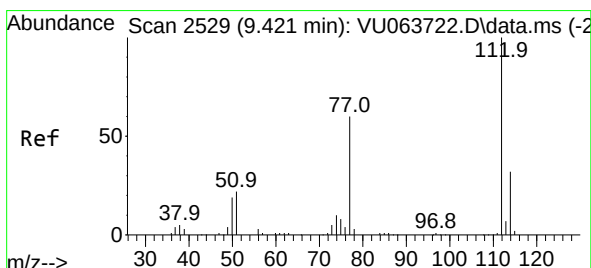
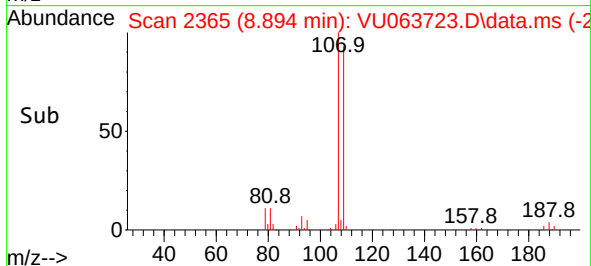
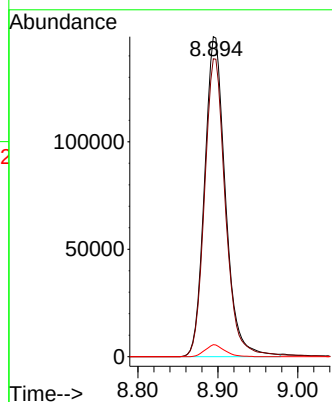
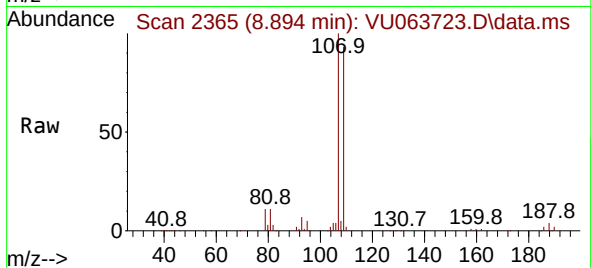
Tgt Ion:107 Resp: 270367

Ion Ratio Lower Upper

107 100

109 93.1 65.8 122.2

188 3.7 3.2 4.8



#51

Chlorobenzene

Concen: 101.217 ug/L

RT: 9.418 min Scan# 2528

Delta R.T. -0.003 min

Lab File: VU063723.D

Acq: 17 Nov 2025 12:34

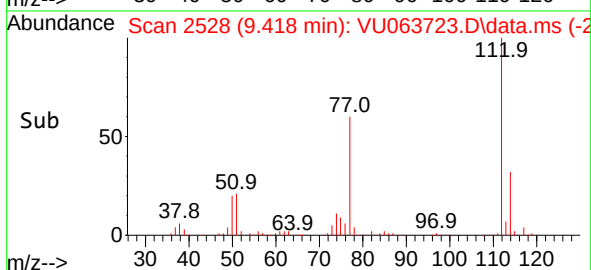
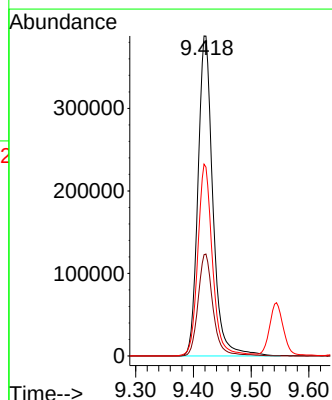
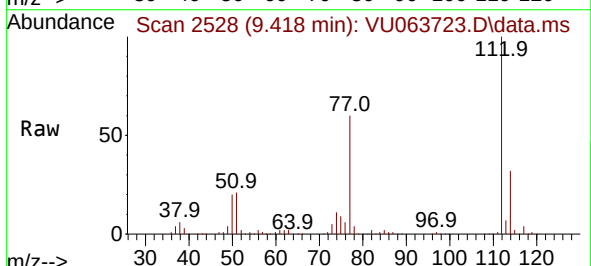
Tgt Ion:112 Resp: 694486

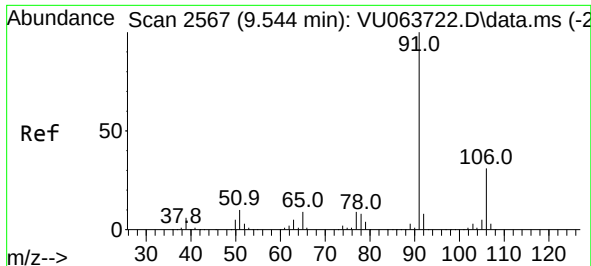
Ion Ratio Lower Upper

112 100

114 31.7 22.1 41.1

77 60.0 48.0 72.0

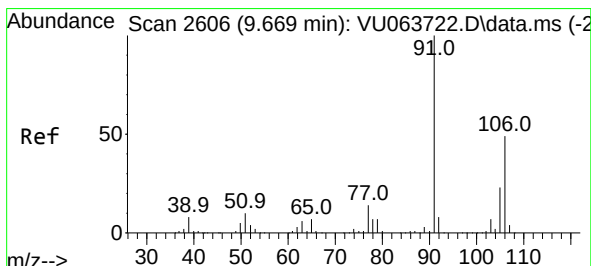
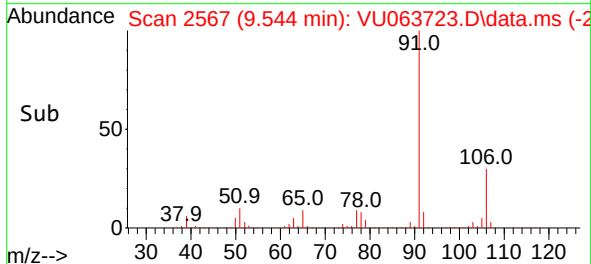
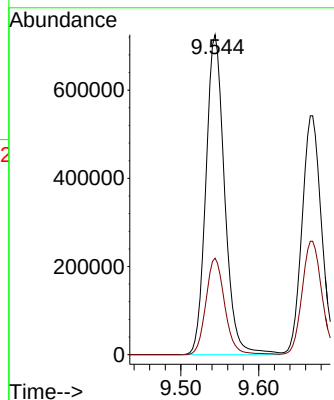
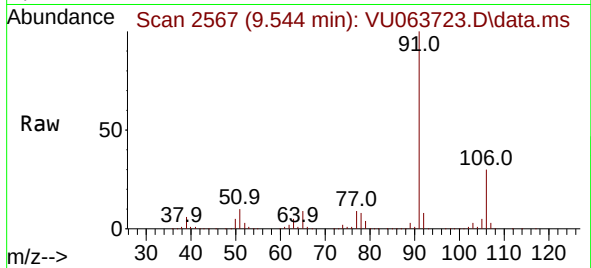




#52
Ethylbenzene
Concen: 105.284 ug/L
RT: 9.544 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU063723.D
Acq: 17 Nov 2025 12:34

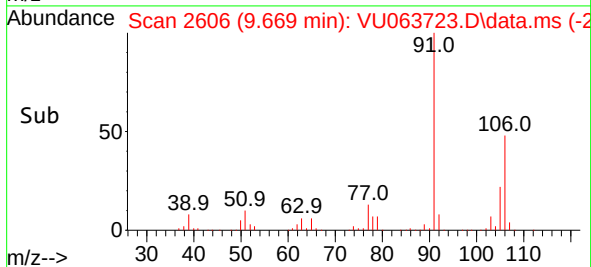
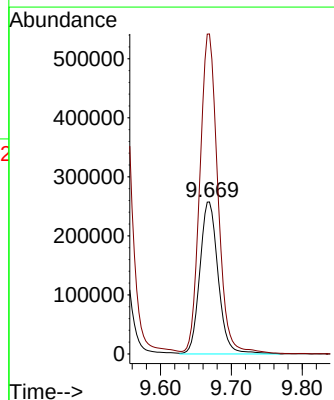
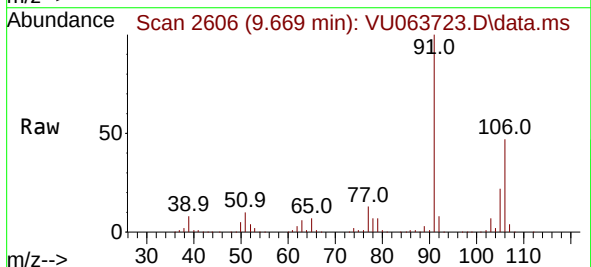
Instrument :
MSVOA_U
ClientSampleId :
VSTD100048

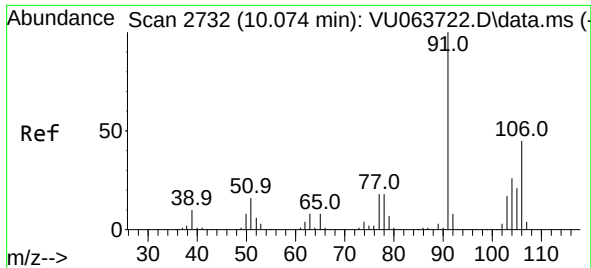
Tgt Ion: 91 Resp: 1211431
Ion Ratio Lower Upper
91 100
106 30.2 21.3 39.6



#53
m,p-Xylene
Concen: 106.839 ug/L
RT: 9.669 min Scan# 2606
Delta R.T. 0.000 min
Lab File: VU063723.D
Acq: 17 Nov 2025 12:34

Tgt Ion:106 Resp: 462418
Ion Ratio Lower Upper
106 100
91 210.6 143.6 266.6

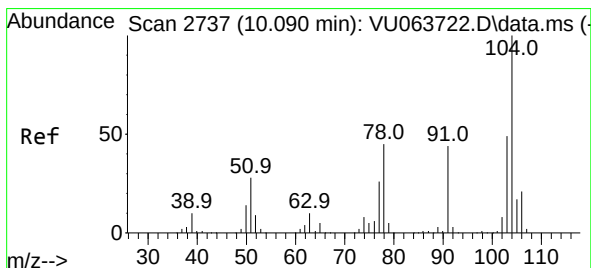
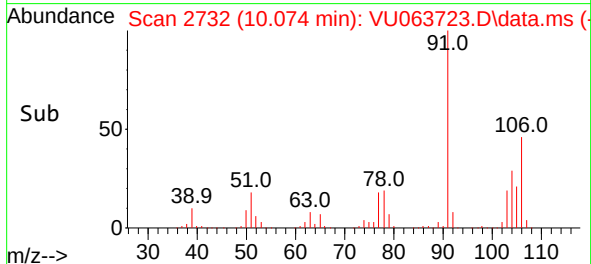
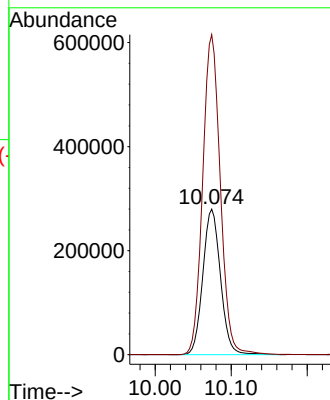
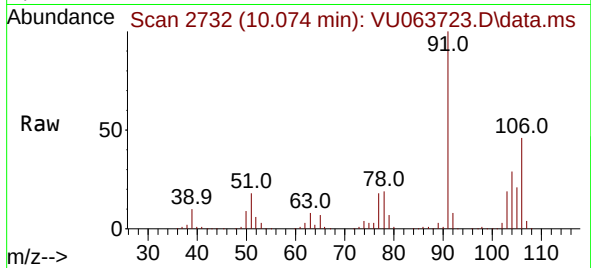




#54
o-Xylene
Concen: 106.174 ug/L
RT: 10.074 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU063723.D
Acq: 17 Nov 2025 12:34

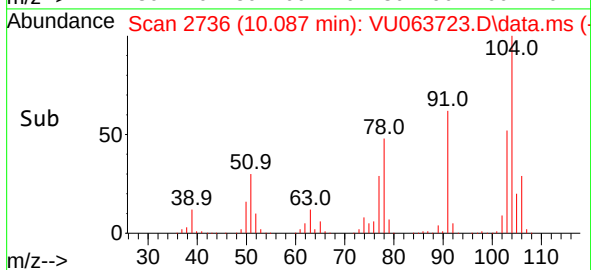
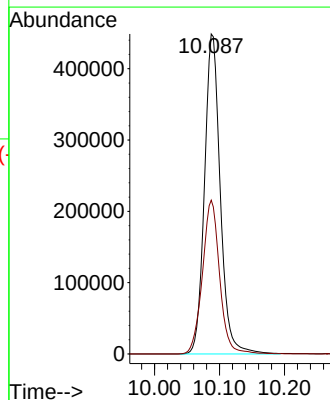
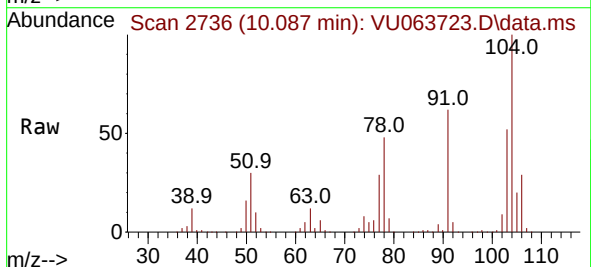
Instrument :
MSVOA_U
ClientSampleId :
VSTD100048

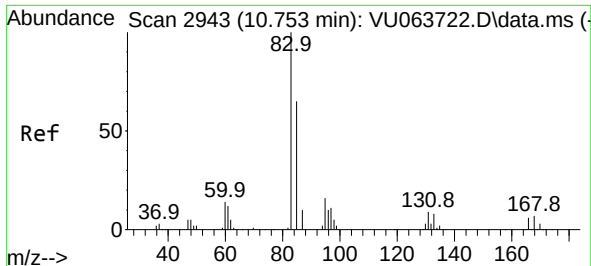
Tgt Ion:106 Resp: 452451
Ion Ratio Lower Upper
106 100
91 219.8 156.0 289.6



#55
Styrene
Concen: 108.900 ug/L
RT: 10.087 min Scan# 2736
Delta R.T. -0.003 min
Lab File: VU063723.D
Acq: 17 Nov 2025 12:34

Tgt Ion:104 Resp: 760458
Ion Ratio Lower Upper
104 100
78 48.0 32.0 59.4





#57

1,1,2,2-Tetrachloroethane

Concen: 99.880 ug/L

RT: 10.753 min Scan# 2943

Delta R.T. 0.000 min

Lab File: VU063723.D

Acq: 17 Nov 2025 12:34

Instrument :

MSVOA_U

ClientSampleId :

VSTD100048

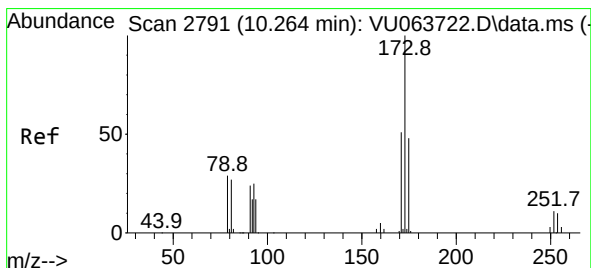
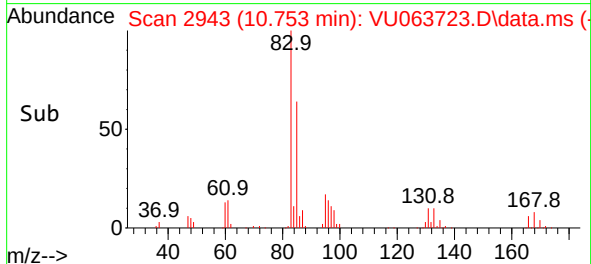
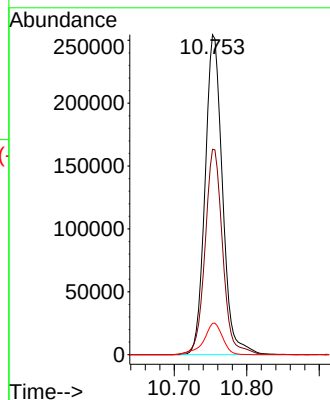
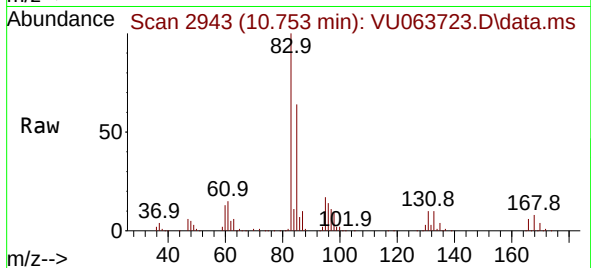
Tgt Ion: 83 Resp: 424645

Ion Ratio Lower Upper

83 100

85 64.2 45.7 84.9

131 9.8 7.4 11.2



#59

Bromoform

Concen: 111.465 ug/L

RT: 10.264 min Scan# 2791

Delta R.T. 0.000 min

Lab File: VU063723.D

Acq: 17 Nov 2025 12:34

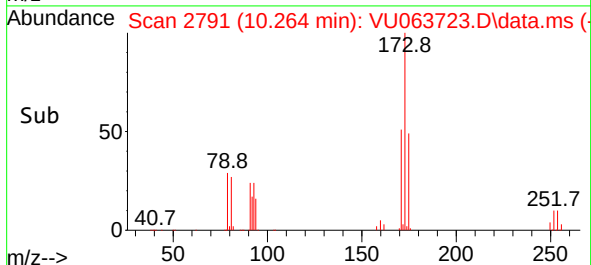
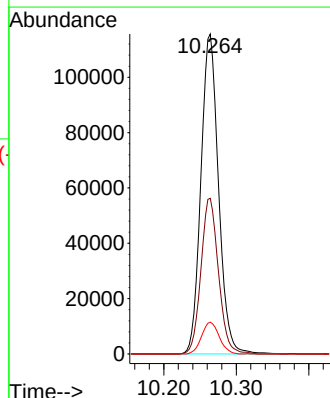
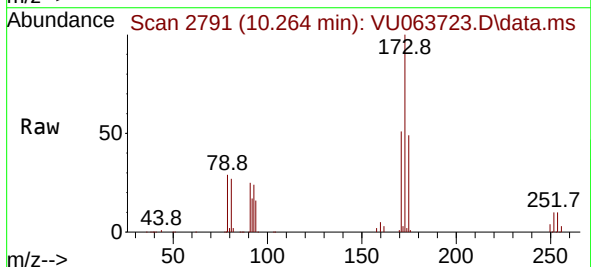
Tgt Ion:173 Resp: 195203

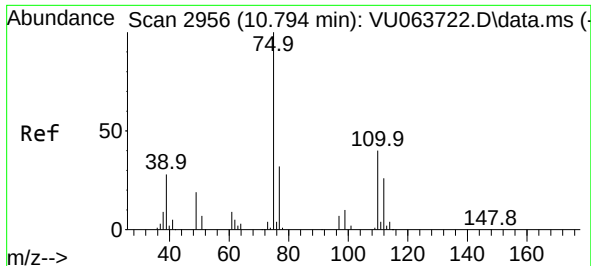
Ion Ratio Lower Upper

173 100

175 48.3 38.2 57.4

254 9.9 6.9 10.3

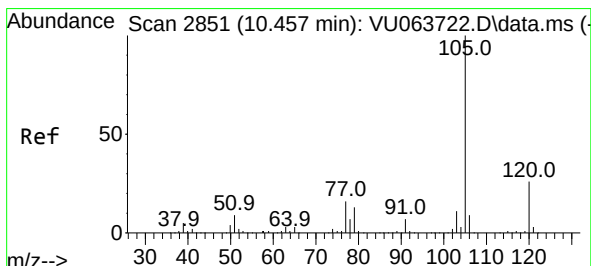
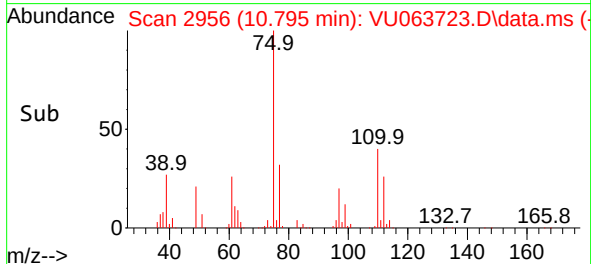
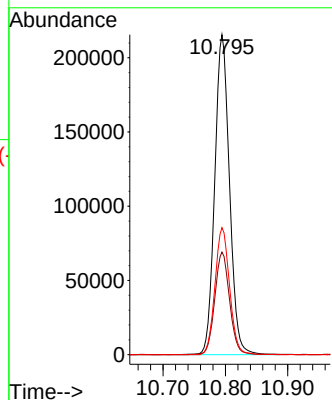
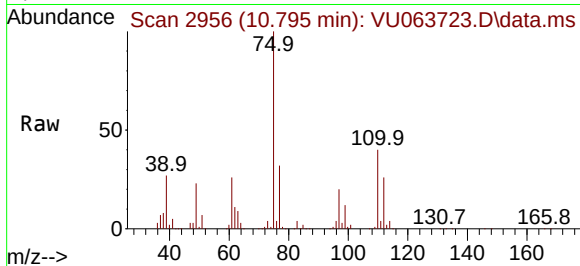




#60
1,2,3-Trichloropropane
Concen: 96.414 ug/L
RT: 10.795 min Scan# 2956
Delta R.T. 0.000 min
Lab File: VU063723.D
Acq: 17 Nov 2025 12:34

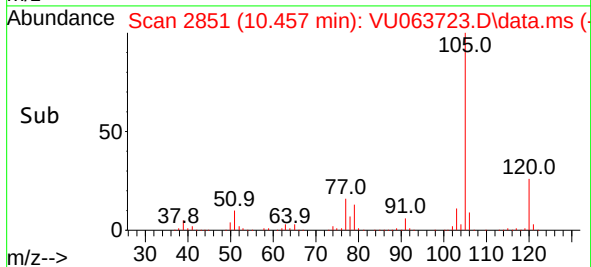
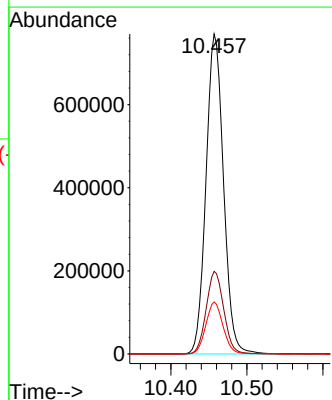
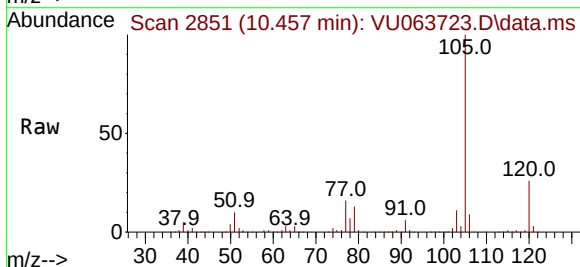
Instrument :
MSVOA_U
ClientSampleId :
VSTD100048

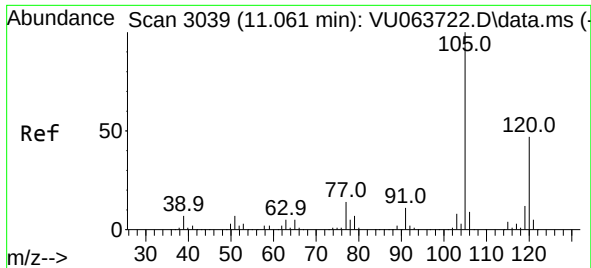
Tgt Ion: 75 Resp: 353681
Ion Ratio Lower Upper
75 100
77 32.2 26.1 39.1
110 39.3 32.3 48.5



#61
Isopropylbenzene
Concen: 102.045 ug/L
RT: 10.457 min Scan# 2851
Delta R.T. 0.000 min
Lab File: VU063723.D
Acq: 17 Nov 2025 12:34

Tgt Ion: 105 Resp: 1231749
Ion Ratio Lower Upper
105 100
120 25.9 20.7 31.1
77 16.1 12.9 19.3

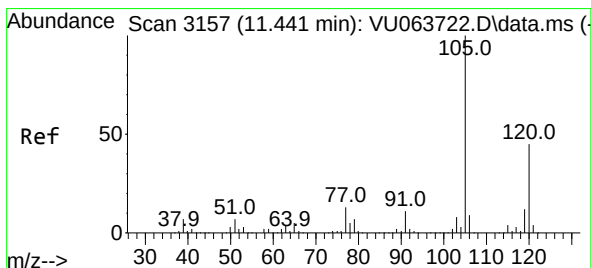
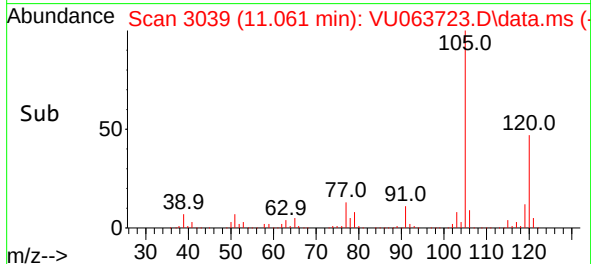
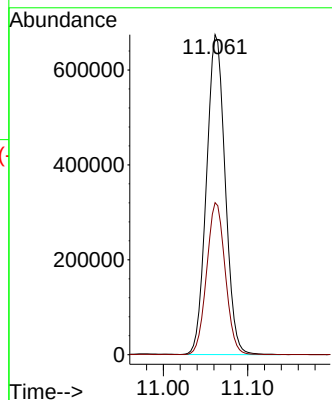
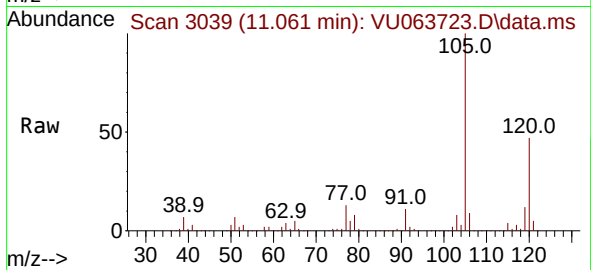




#62
1,3,5-Trimethylbenzene
Concen: 104.969 ug/L
RT: 11.061 min Scan# 3039
Delta R.T. 0.000 min
Lab File: VU063723.D
Acq: 17 Nov 2025 12:34

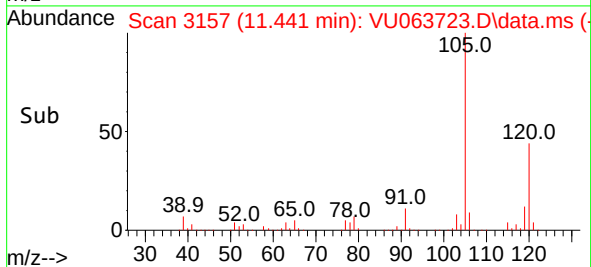
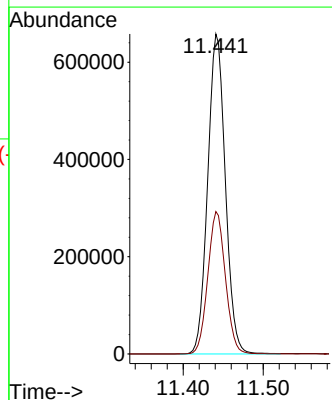
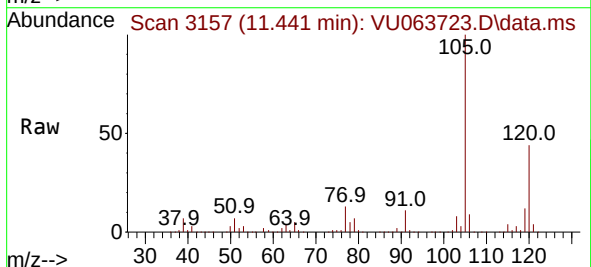
Instrument :
MSVOA_U
ClientSampleId :
VSTD100048

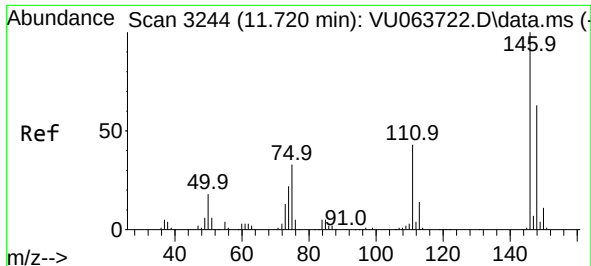
Tgt Ion:105 Resp: 1039688
Ion Ratio Lower Upper
105 100
120 47.4 37.8 56.6



#63
1,2,4-Trimethylbenzene
Concen: 105.490 ug/L
RT: 11.441 min Scan# 3157
Delta R.T. 0.000 min
Lab File: VU063723.D
Acq: 17 Nov 2025 12:34

Tgt Ion:105 Resp: 1009856
Ion Ratio Lower Upper
105 100
120 44.3 35.6 53.4

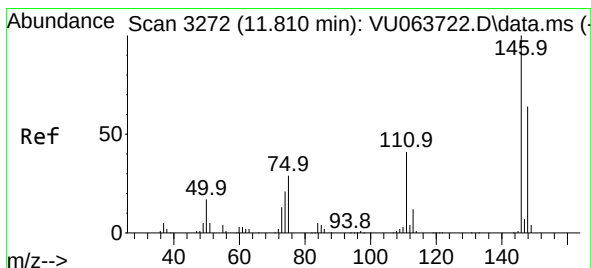
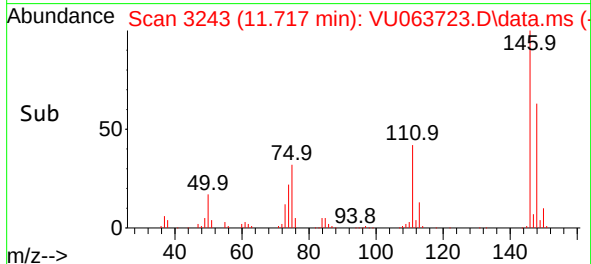
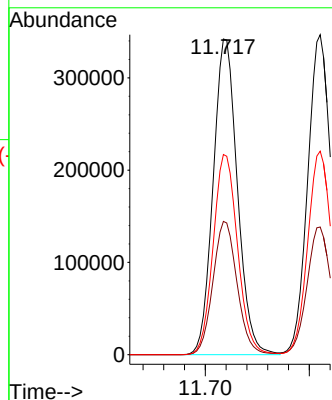
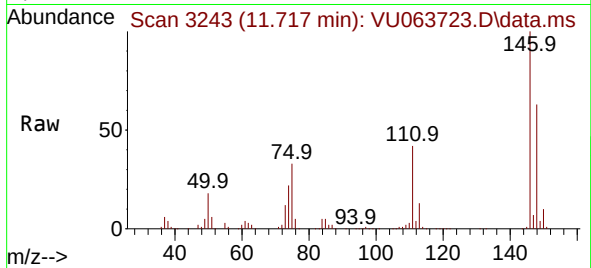




#64
1,3-Dichlorobenzene
Concen: 101.246 ug/L
RT: 11.717 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU063723.D
Acq: 17 Nov 2025 12:34

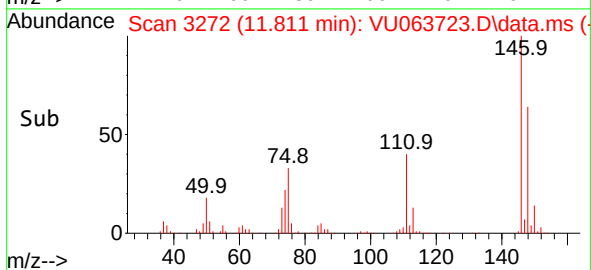
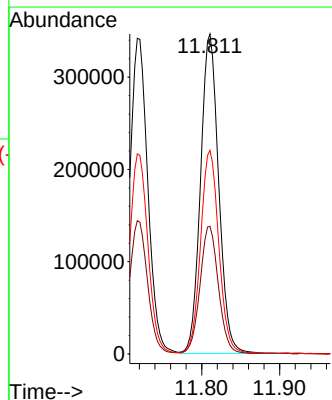
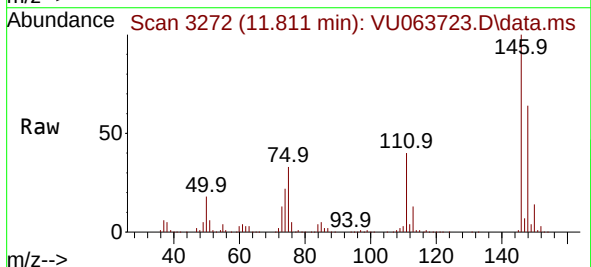
Instrument :
MSVOA_U
ClientSampleId :
VSTD100048

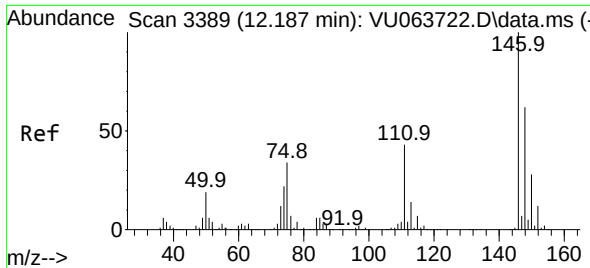
Tgt Ion:146 Resp: 555212
Ion Ratio Lower Upper
146 100
111 42.2 29.8 55.3
148 63.4 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 101.055 ug/L
RT: 11.811 min Scan# 3272
Delta R.T. 0.000 min
Lab File: VU063723.D
Acq: 17 Nov 2025 12:34

Tgt Ion:146 Resp: 559294
Ion Ratio Lower Upper
146 100
111 39.9 28.8 53.4
148 63.6 44.9 83.3

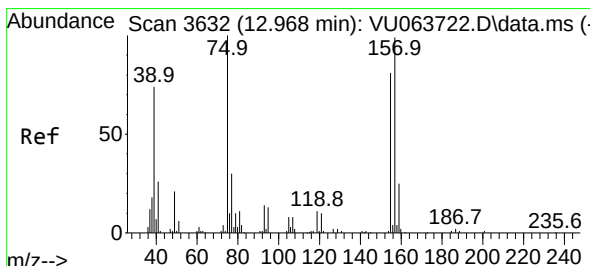
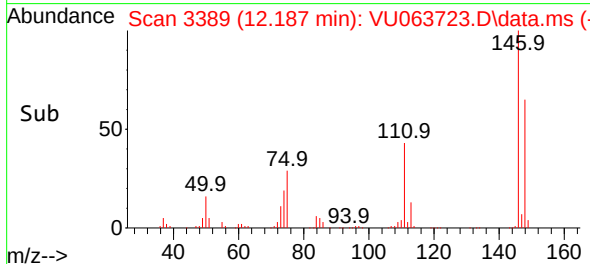
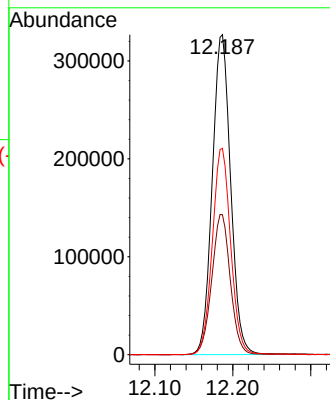
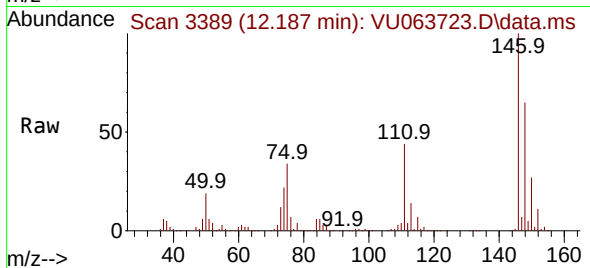




#67
1,2-Dichlorobenzene
Concen: 99.882 ug/L
RT: 12.187 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU063723.D
Acq: 17 Nov 2025 12:34

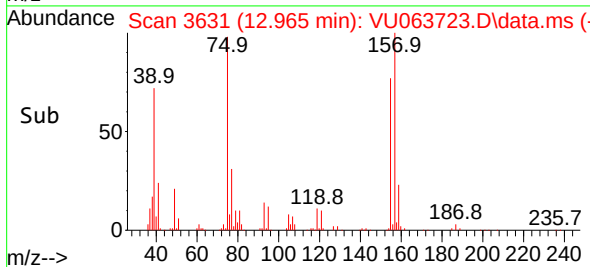
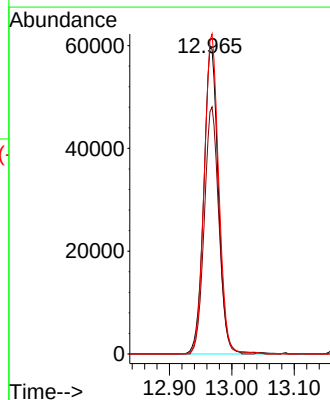
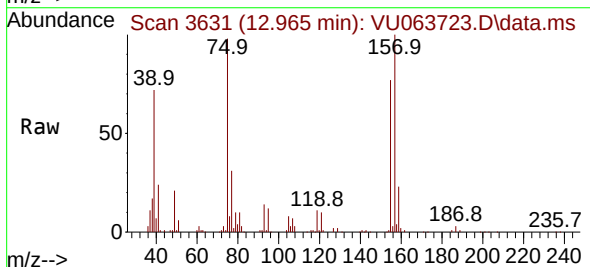
Instrument :
MSVOA_U
ClientSampleId :
VSTD100048

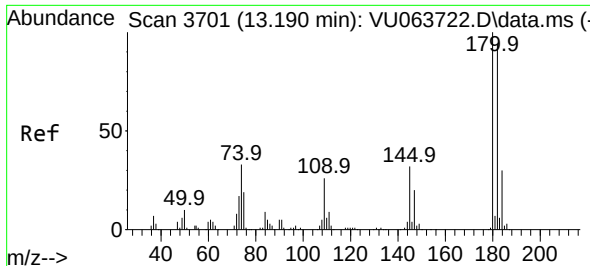
Tgt Ion:146 Resp: 536249
Ion Ratio Lower Upper
146 100
111 43.8 34.2 51.4
148 64.5 49.6 74.4



#68
1,2-Dibromo-3-chloropropane
Concen: 115.219 ug/L
RT: 12.965 min Scan# 3631
Delta R.T. -0.003 min
Lab File: VU063723.D
Acq: 17 Nov 2025 12:34

Tgt Ion: 75 Resp: 97499
Ion Ratio Lower Upper
75 100
155 79.0 64.6 97.0
157 106.3 78.8 118.2





#69

1,3,5-Trichlorobenzene

Concen: 103.328 ug/L

RT: 13.190 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU063723.D

Acq: 17 Nov 2025 12:34

Instrument :

MSVOA_U

ClientSampleId :

VSTD100048

Tgt Ion:180 Resp: 395388

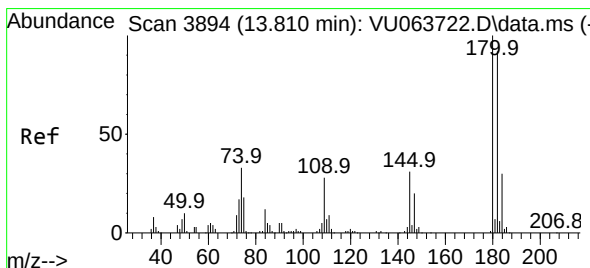
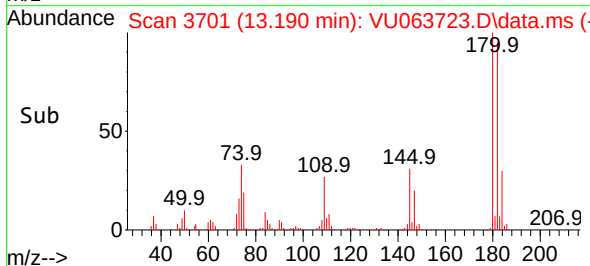
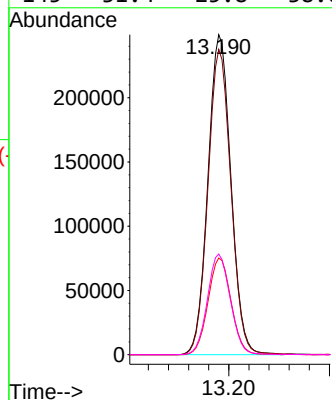
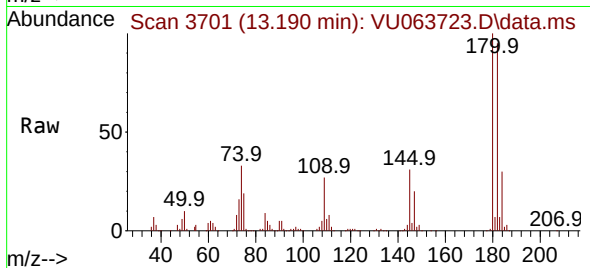
Ion Ratio Lower Upper

180 100

182 95.4 76.4 114.6

184 30.4 24.4 36.6

145 31.4 25.8 38.6



#70

1,2,4-trichlorobenzene

Concen: 108.637 ug/L

RT: 13.810 min Scan# 3894

Delta R.T. 0.000 min

Lab File: VU063723.D

Acq: 17 Nov 2025 12:34

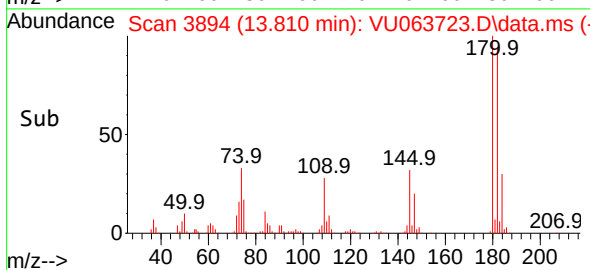
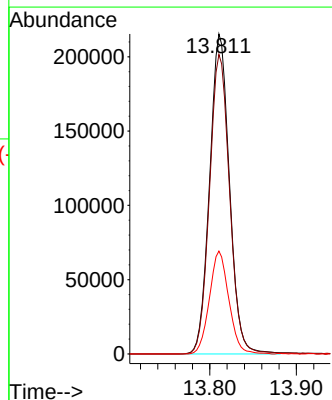
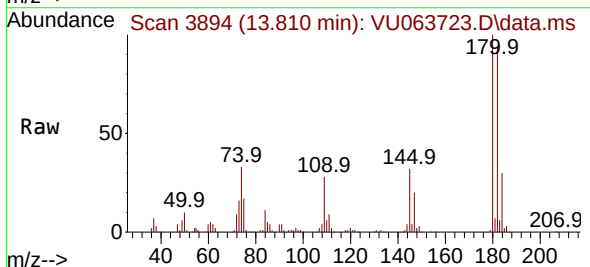
Tgt Ion:180 Resp: 342479

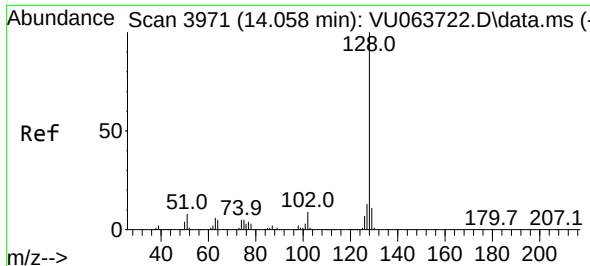
Ion Ratio Lower Upper

180 100

182 94.8 75.8 113.8

145 31.5 25.7 38.5



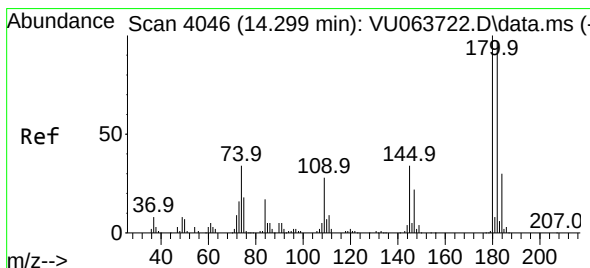
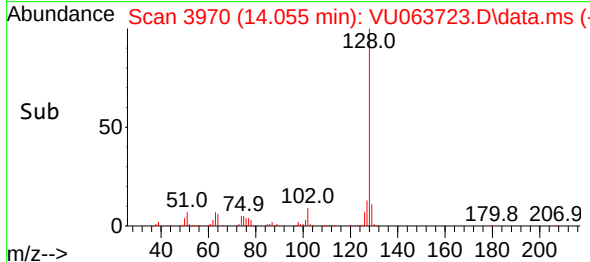
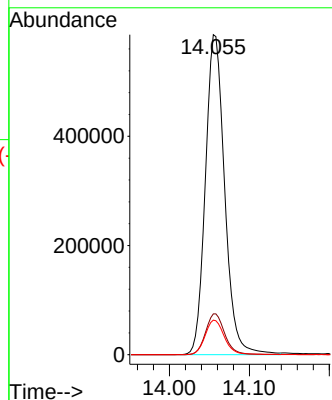
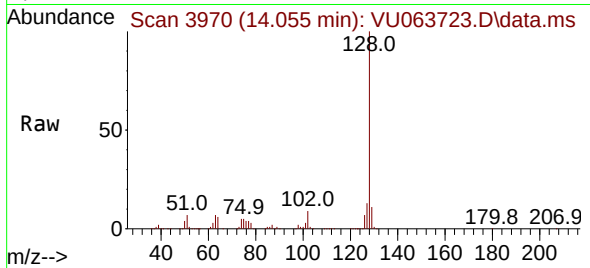


#71
Naphthalene
Concen: 115.033 ug/L
RT: 14.055 min Scan# 3971
Delta R.T. -0.003 min
Lab File: VU063723.D
Acq: 17 Nov 2025 12:34

Instrument :
MSVOA_U
ClientSampleId :
VSTD100048

Tgt Ion:128 Resp: 985553

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.3	15.5
129	10.9	8.7	13.1



#72
1,2,3-Trichlorobenzene
Concen: 107.124 ug/L
RT: 14.299 min Scan# 4046
Delta R.T. 0.000 min
Lab File: VU063723.D
Acq: 17 Nov 2025 12:34

Tgt Ion:180 Resp: 323650

Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.9	115.3
145	33.8	26.6	39.8

