

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091725\
 Data File : VU063600.D
 Acq On : 17 Sep 2025 10:44
 Operator : MD/SY
 Sample : VSTD01024
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010024

Quant Time: Sep 18 05:59:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 18 05:57:15 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.235	114	157496	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	148978	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	79334	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.589	65	81300	10.041	ug/L	0.00
7) Chloroethane-d5	1.895	69	78543	10.091	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.551	65	37260	9.646	ug/L	0.00
20) 2-Butanone-d5	4.608	46	251915	108.119	ug/L	0.00
24) Chloroform-d	5.046	84	194510	10.053	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.686	65	102040	10.244	ug/L	0.00
32) Benzene-d6	5.711	84	358697	10.027	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.676	67	115585	9.983	ug/L	0.00
41) Toluene-d8	7.885	98	331253	10.320	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.168	79	32502	10.253	ug/L	0.00
46) 2-Hexanone-d5	8.621	63	181254	108.543	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.743	84	96396	10.327	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.184	152	120821	9.802	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	119042	9.497	ug/L	99
3) Chloromethane	1.515	50	131501	9.478	ug/L	100
5) Vinyl chloride	1.596	62	144503	9.732	ug/L	99
6) Bromomethane	1.834	94	81922	9.338	ug/L	94
8) Chloroethane	1.914	64	88963	9.708	ug/L	98
9) Trichlorofluoromethane	2.123	101	191475	9.854	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.563	101	105173	9.569	ug/L	99
12) 1,1-Dichloroethene	2.563	96	98779	9.697	ug/L	91
13) Acetone	2.615	43	195077	95.323	ug/L	98
14) Carbon disulfide	2.776	76	271249	10.078	ug/L	100
15) Methyl Acetate	2.940	43	45156	9.742	ug/L	98
16) Methylene chloride	3.026	84	112289	9.419	ug/L	97
17) Methyl tert-butyl Ether	3.351	73	252875	10.069	ug/L	99
18) trans-1,2-Dichloroethene	3.338	96	105473	10.019	ug/L	95
19) 1,1-Dichloroethane	3.850	63	213957	9.979	ug/L	99
21) 2-Butanone	4.689	43	290241	104.666	ug/L	94
22) cis-1,2-Dichloroethene	4.650	96	119245	9.961	ug/L	97
23) Bromochloromethane	4.956	128	53720	10.131	ug/L	93
25) Chloroform	5.071	83	218561	9.944	ug/L	98
27) 1,2-Dichloroethane	5.779	62	143247	9.834	ug/L	99
29) 1,1,1-Trichloroethane	5.300	97	171874	10.068	ug/L	98
30) Cyclohexane	5.370	56	195898	9.727	ug/L	98
31) Carbon tetrachloride	5.509	117	139125	10.409	ug/L	99
33) Benzene	5.759	78	470900	10.114	ug/L	100
34) Trichloroethene	6.528	95	126126	9.878	ug/L	99
35) Methylcyclohexane	6.750	83	190488	9.780	ug/L	98
37) 1,2-Dichloropropane	6.775	63	123618	9.802	ug/L	100
38) Bromodichloromethane	7.091	83	137276	10.177	ug/L	99
39) cis-1,3-Dichloropropene	7.595	75	153925	10.762	ug/L	97
40) 4-Methyl-2-pentanone	7.779	43	757622	104.953	ug/L	99
42) Toluene	7.959	91	507453	10.162	ug/L	100
44) trans-1,3-Dichloropropene	8.200	75	113676	10.818	ug/L	97

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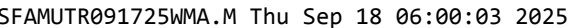
Quant Time: Sep 18 05:59:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 18 05:57:15 2025
 Response via : Initial Calibration

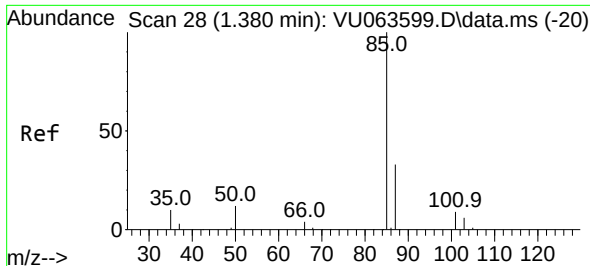
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.386	97	87391	10.121	ug/L	99
47) Tetrachloroethene	8.541	164	96579	9.908	ug/L	96
48) 2-Hexanone	8.673	43	530106	108.018	ug/L	99
49) Dibromochloromethane	8.798	129	84820	10.745	ug/L	100
50) 1,2-Dibromoethane	8.914	107	78275	10.162	ug/L	100
51) Chlorobenzene	9.435	112	316584	9.790	ug/L	99
52) Ethylbenzene	9.560	91	558069	10.154	ug/L	99
53) m,p-Xylene	9.685	106	212222	10.292	ug/L	96
54) o-Xylene	10.090	106	206492	10.349	ug/L	100
55) Styrene	10.103	104	343569	10.496	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.769	83	103505	10.035	ug/L	93
59) Bromoform	10.280	173	44167	10.283	ug/L	96
60) Isopropylbenzene	10.473	105	558570	9.787	ug/L	100
61) 1,2,3-Trichloropropane	10.811	75	76509	9.730	ug/L	99
62) 1,3,5-Trimethylbenzene	11.078	105	471253	10.155	ug/L	100
63) 1,2,4-Trimethylbenzene	11.457	105	454759	10.262	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	249332	9.749	ug/L	100
65) 1,4-Dichlorobenzene	11.827	146	247046	9.567	ug/L	97
67) 1,2-Dichlorobenzene	12.203	146	228921	9.588	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	13290	10.945	ug/L	96
69) 1,3,5-Trichlorobenzene	13.209	180	184849	9.658	ug/L	99
70) 1,2,4-trichlorobenzene	13.830	180	148089	10.025	ug/L	99
71) Naphthalene	14.077	128	233573	10.567	ug/L	99
72) 1,2,3-Trichlorobenzene	14.319	180	129454	10.208	ug/L	97

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

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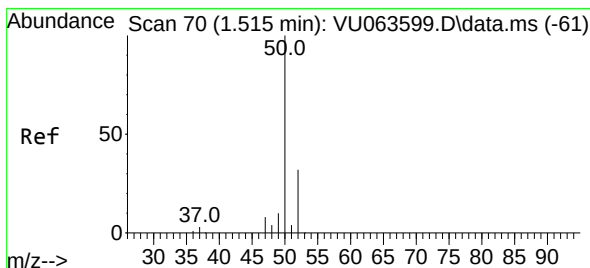
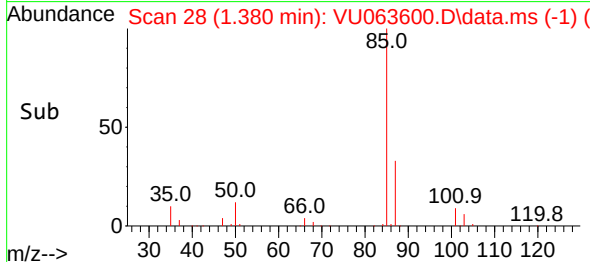
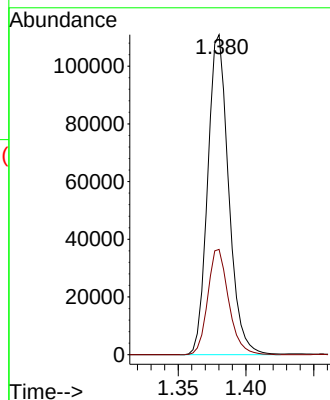
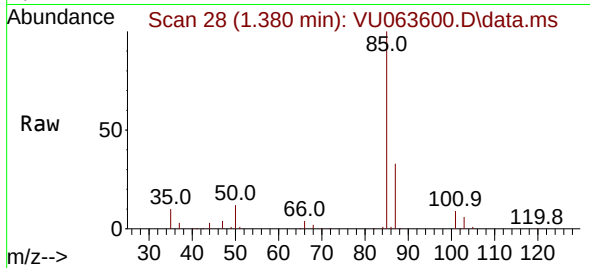




#2
 Dichlorodifluoromethane
 Concen: 9.497 ug/L
 RT: 1.380 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VU063600.D
 Acq: 17 Sep 2025 10:44

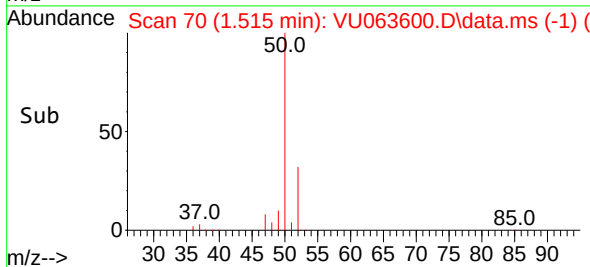
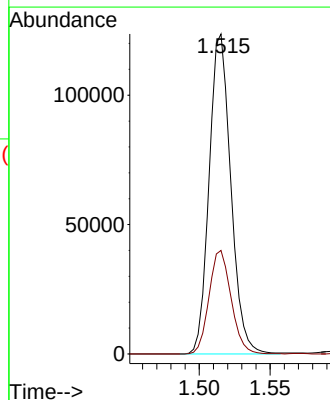
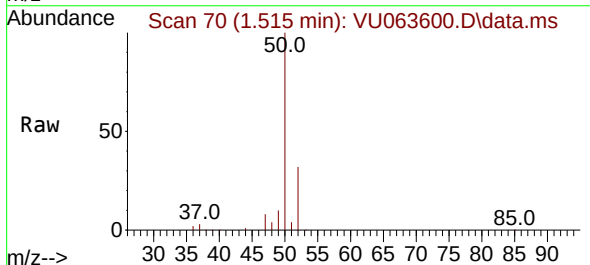
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010024

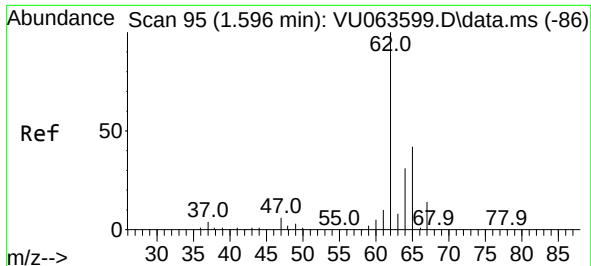
Tgt Ion: 85 Resp: 119042
 Ion Ratio Lower Upper
 85 100
 87 33.0 25.8 38.8



#3
 Chloromethane
 Concen: 9.478 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.003 min
 Lab File: VU063600.D
 Acq: 17 Sep 2025 10:44

Tgt Ion: 50 Resp: 131501
 Ion Ratio Lower Upper
 50 100
 52 32.3 22.6 42.0

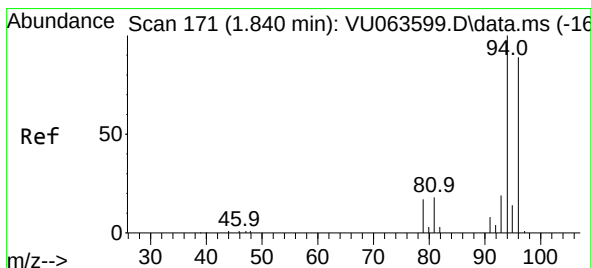
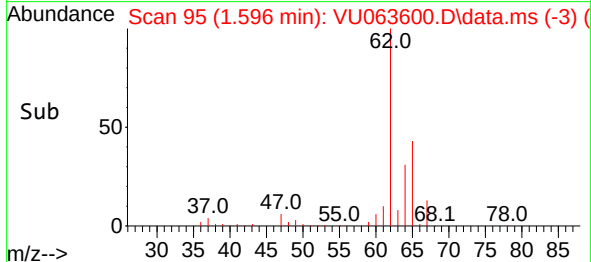
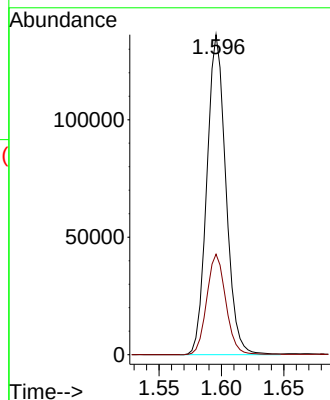
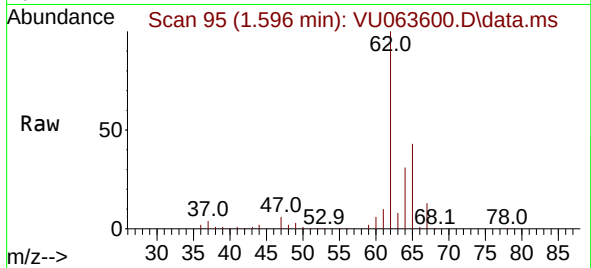




#5
 Vinyl chloride
 Concen: 9.732 ug/L
 RT: 1.596 min Scan# 91
 Delta R.T. -0.003 min
 Lab File: VU063600.D
 Acq: 17 Sep 2025 10:44

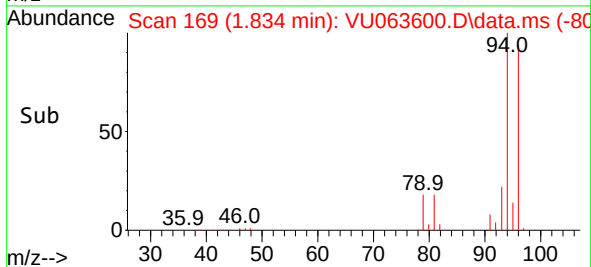
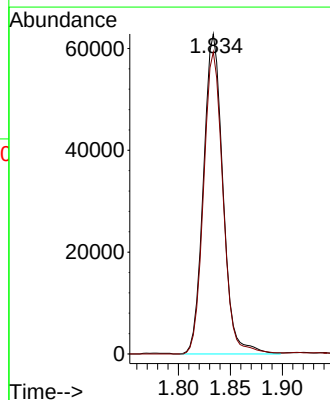
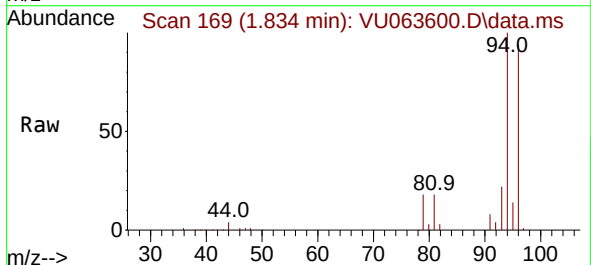
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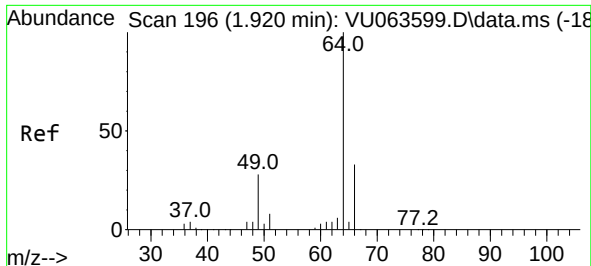
Tgt Ion: 62 Resp: 144503
 Ion Ratio Lower Upper
 62 100
 64 31.4 21.5 39.9



#6
 Bromomethane
 Concen: 9.338 ug/L
 RT: 1.834 min Scan# 169
 Delta R.T. -0.013 min
 Lab File: VU063600.D
 Acq: 17 Sep 2025 10:44

Tgt Ion: 94 Resp: 81922
 Ion Ratio Lower Upper
 94 100
 96 94.4 62.4 116.0

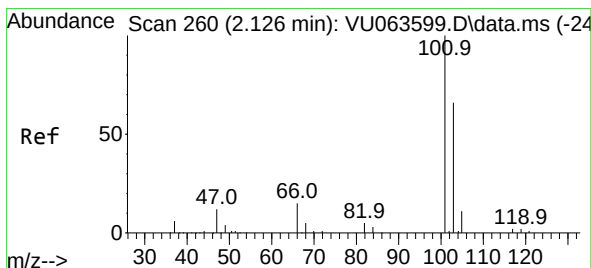
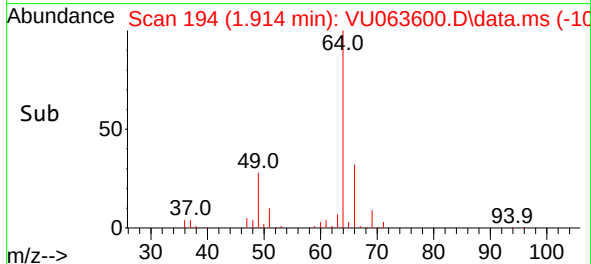
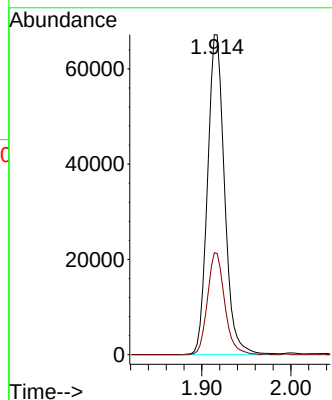
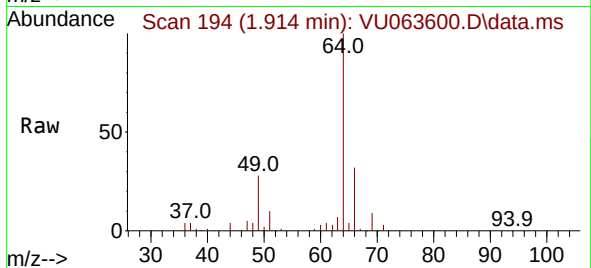




#8
Chloroethane
Concen: 9.708 ug/L
RT: 1.914 min Scan# 196
Delta R.T. -0.009 min
Lab File: VU063600.D
Acq: 17 Sep 2025 10:44

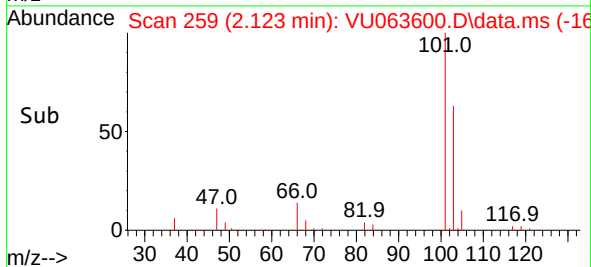
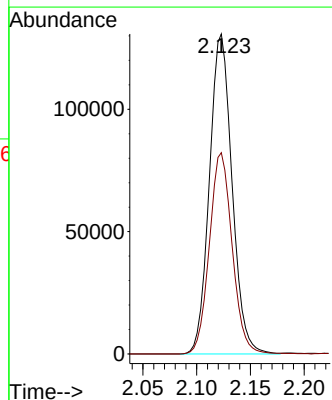
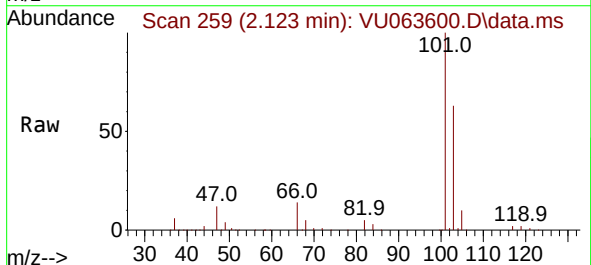
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ClientSampleId :
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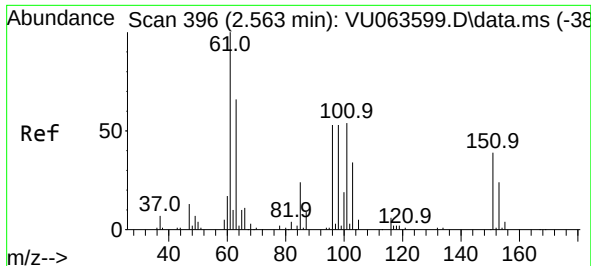
Tgt Ion: 64 Resp: 88963
Ion Ratio Lower Upper
64 100
66 31.9 23.0 42.8



#9
Trichlorofluoromethane
Concen: 9.854 ug/L
RT: 2.123 min Scan# 259
Delta R.T. -0.006 min
Lab File: VU063600.D
Acq: 17 Sep 2025 10:44

Tgt Ion:101 Resp: 191475
Ion Ratio Lower Upper
101 100
103 63.5 52.8 79.2

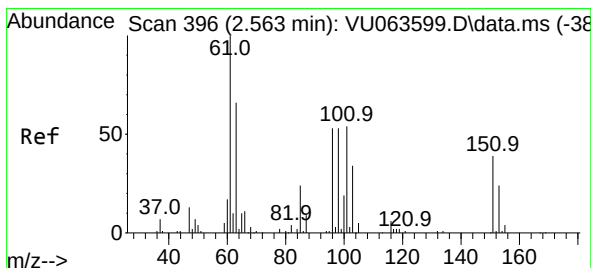
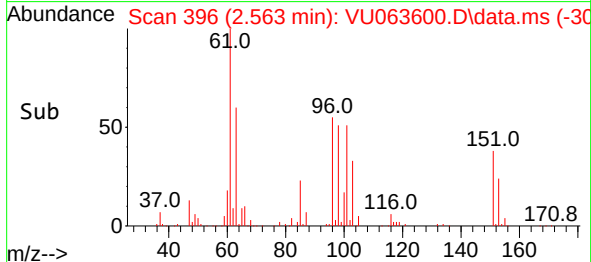
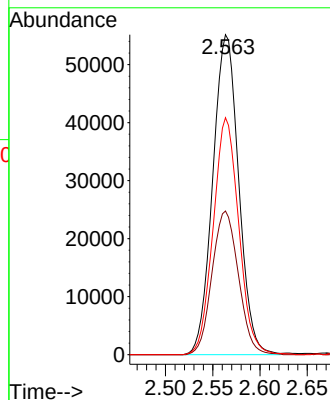
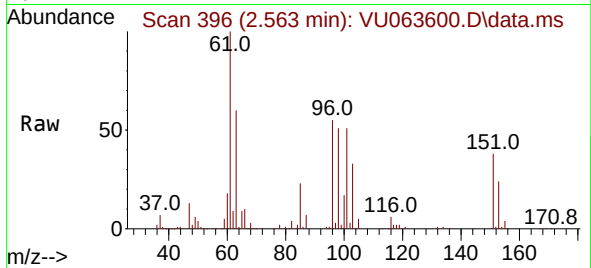




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 9.569 ug/L
 RT: 2.563 min Scan# 396
 Delta R.T. -0.006 min
 Lab File: VU063600.D
 Acq: 17 Sep 2025 10:44

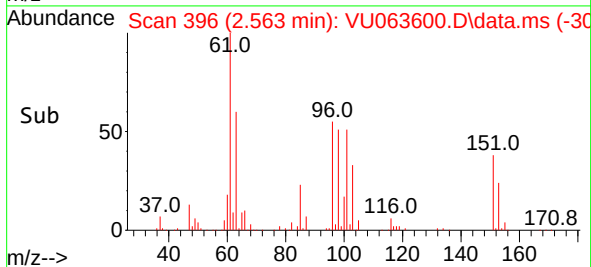
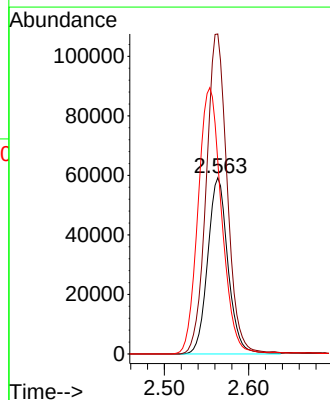
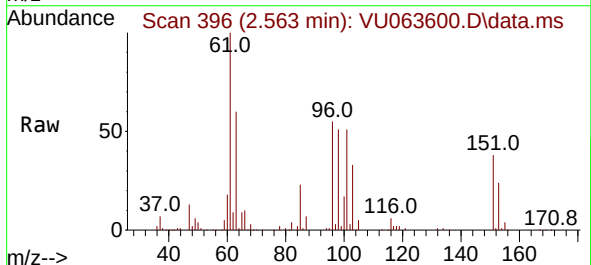
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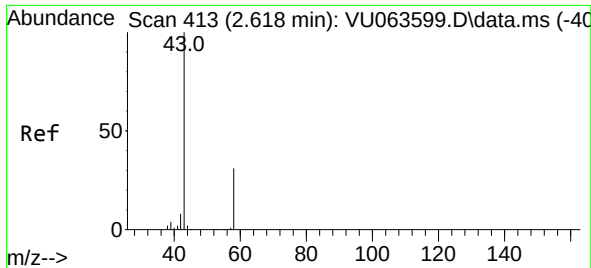
Tgt Ion:101 Resp: 105173
 Ion Ratio Lower Upper
 101 100
 85 45.7 36.4 54.6
 151 73.1 59.2 88.8



#12
 1,1-Dichloroethene
 Concen: 9.697 ug/L
 RT: 2.563 min Scan# 396
 Delta R.T. -0.006 min
 Lab File: VU063600.D
 Acq: 17 Sep 2025 10:44

Tgt Ion: 96 Resp: 98779
 Ion Ratio Lower Upper
 96 100
 61 181.7 132.4 245.8
 63 109.5 89.0 165.4





#13

Acetone

Concen: 95.323 ug/L

RT: 2.615 min Scan# 41

Delta R.T. 0.000 min

Lab File: VU063600.D

Acq: 17 Sep 2025 10:44

Instrument :

MSVOA_U

ClientSampleId :

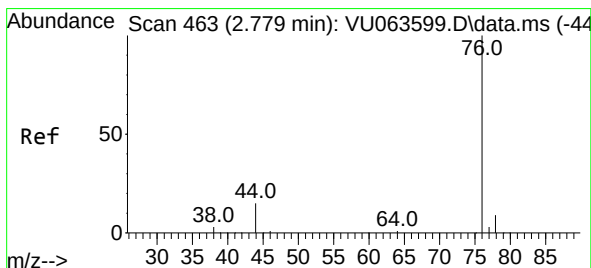
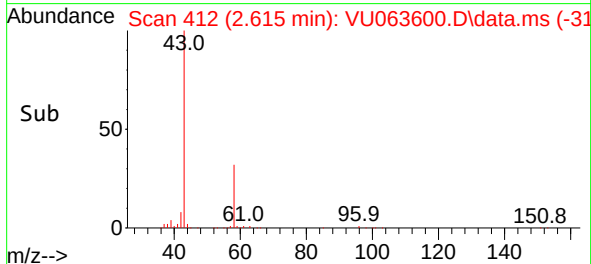
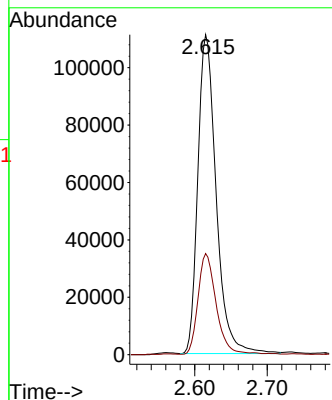
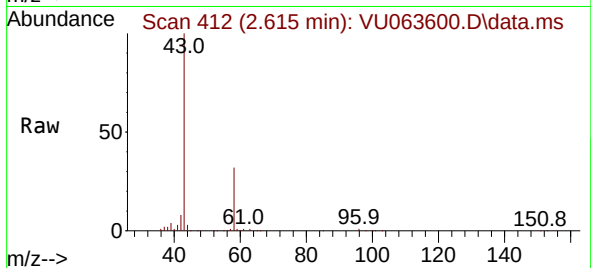
VSTD010024

Tgt Ion: 43 Resp: 195077

Ion Ratio Lower Upper

43 100

58 30.9 0.0 63.6



#14

Carbon disulfide

Concen: 10.078 ug/L

RT: 2.776 min Scan# 462

Delta R.T. -0.006 min

Lab File: VU063600.D

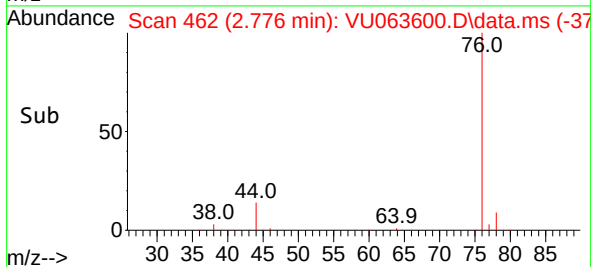
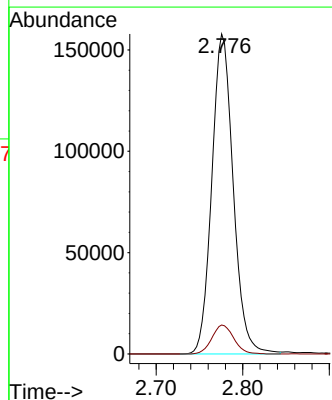
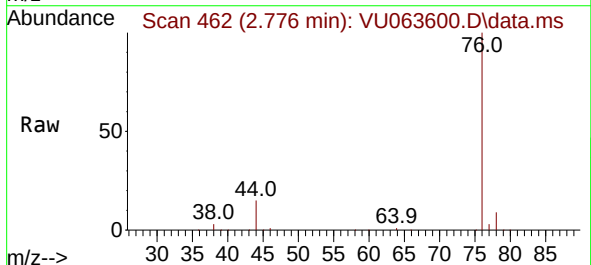
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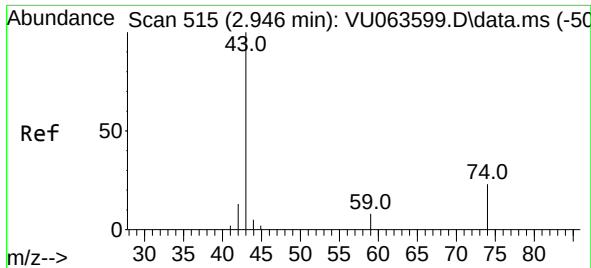
Tgt Ion: 76 Resp: 271249

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0

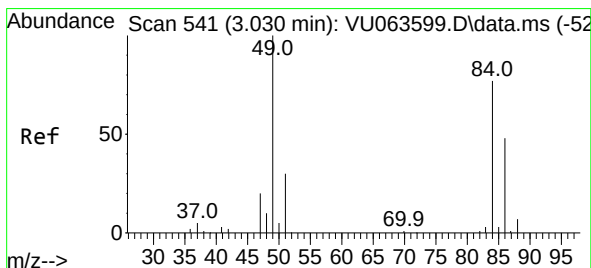
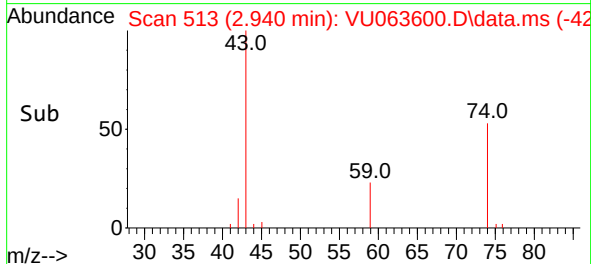
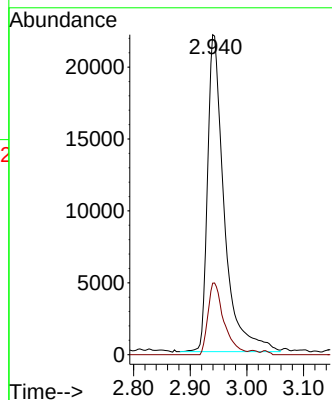
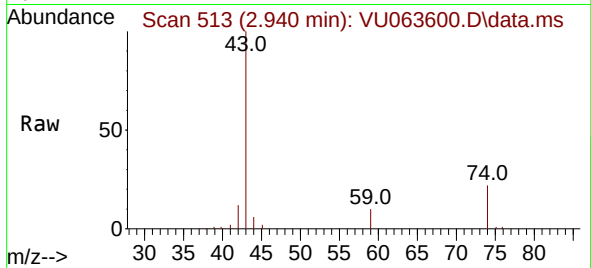




#15
Methyl Acetate
Concen: 9.742 ug/L
RT: 2.940 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU063600.D
Acq: 17 Sep 2025 10:44

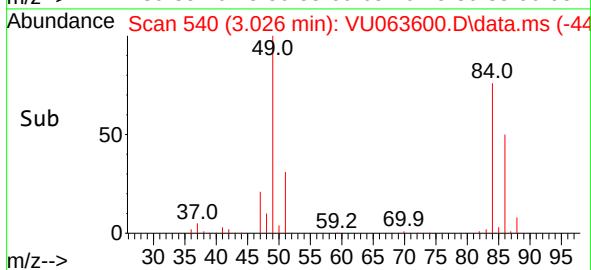
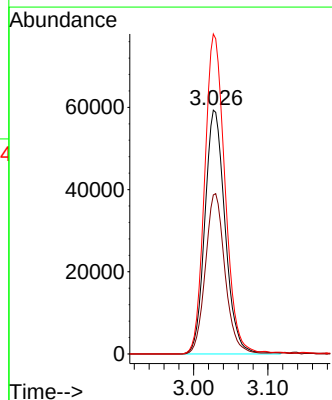
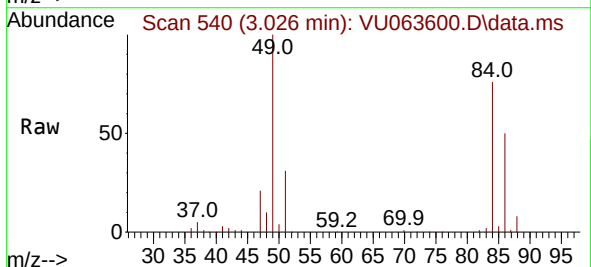
Instrument :
MSVOA_U
ClientSampleId :
VSTD010024

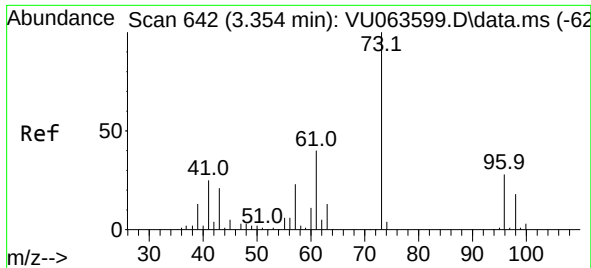
Tgt Ion: 43 Resp: 45156
Ion Ratio Lower Upper
43 100
74 21.8 18.2 27.2



#16
Methylene chloride
Concen: 9.419 ug/L
RT: 3.026 min Scan# 540
Delta R.T. -0.006 min
Lab File: VU063600.D
Acq: 17 Sep 2025 10:44

Tgt Ion: 84 Resp: 112289
Ion Ratio Lower Upper
84 100
86 65.2 43.1 80.1
49 131.2 90.6 168.2

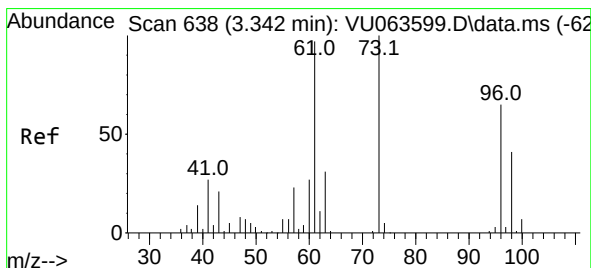
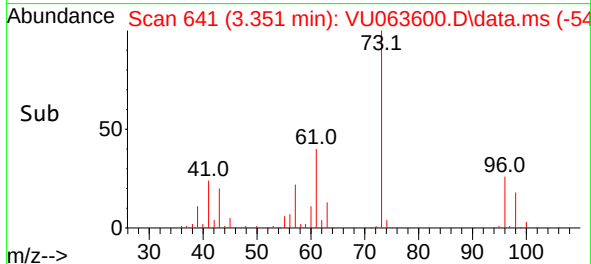
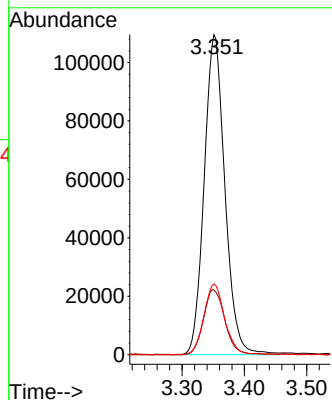
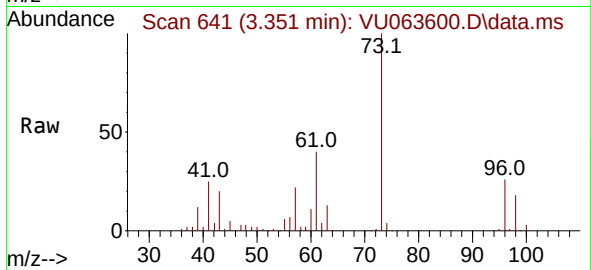




#17
Methyl tert-butyl Ether
Concen: 10.069 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.000 min
Lab File: VU063600.D
Acq: 17 Sep 2025 10:44

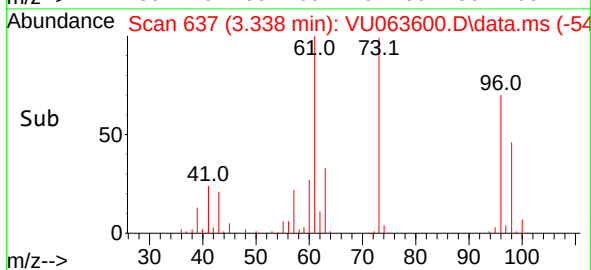
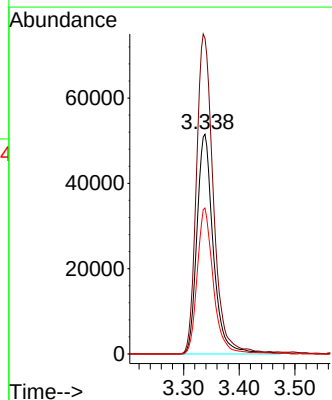
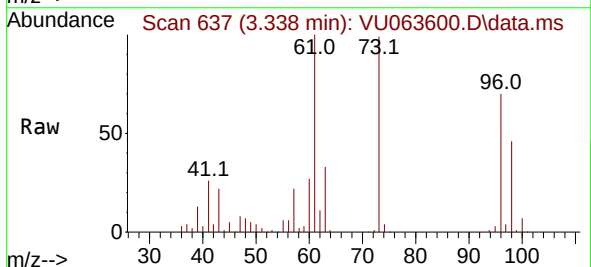
Instrument :
MSVOA_U
ClientSampleId :
VSTD010024

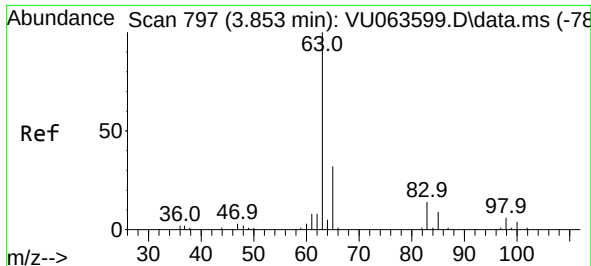
Tgt Ion: 73 Resp: 252875
Ion Ratio Lower Upper
73 100
43 20.9 17.0 25.4
57 22.1 18.2 27.2



#18
trans-1,2-Dichloroethene
Concen: 10.019 ug/L
RT: 3.338 min Scan# 637
Delta R.T. -0.003 min
Lab File: VU063600.D
Acq: 17 Sep 2025 10:44

Tgt Ion: 96 Resp: 105473
Ion Ratio Lower Upper
96 100
61 143.8 104.9 194.7
98 66.5 44.3 82.3





#19

1,1-Dichloroethane

Concen: 9.979 ug/L

RT: 3.850 min Scan# 797

Delta R.T. -0.006 min

Lab File: VU063600.D

Acq: 17 Sep 2025 10:44

Instrument :

MSVOA_U

ClientSampleId :

VSTD010024

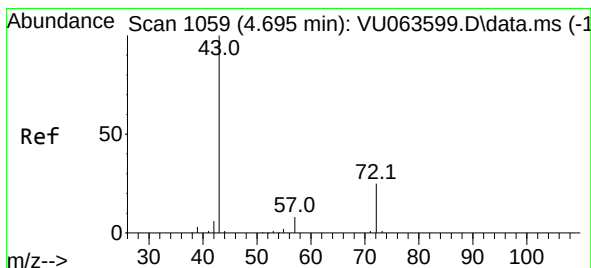
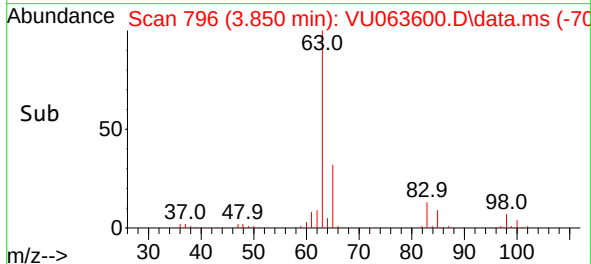
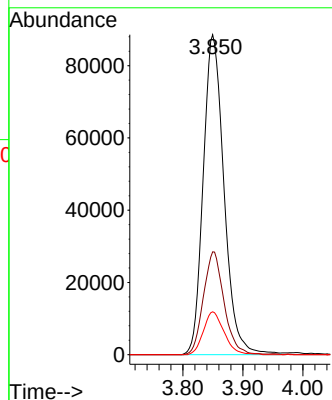
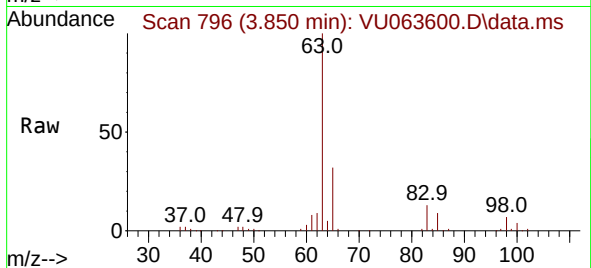
Tgt Ion: 63 Resp: 213957

Ion Ratio Lower Upper

63 100

65 32.1 22.1 41.1

83 13.4 9.7 17.9



#21

2-Butanone

Concen: 104.666 ug/L

RT: 4.689 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VU063600.D

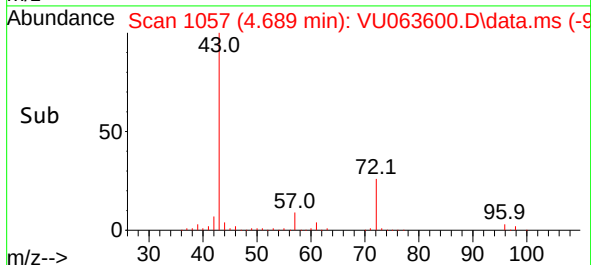
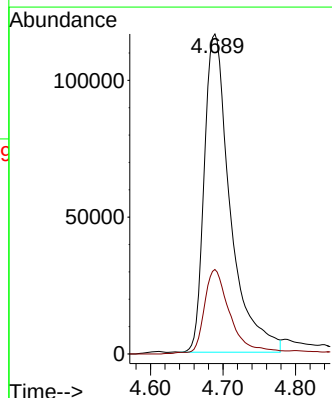
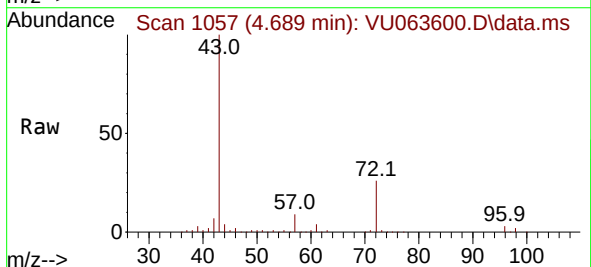
Acq: 17 Sep 2025 10:44

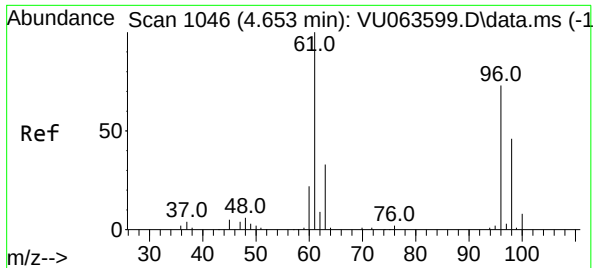
Tgt Ion: 43 Resp: 290241

Ion Ratio Lower Upper

43 100

72 26.9 11.9 35.7



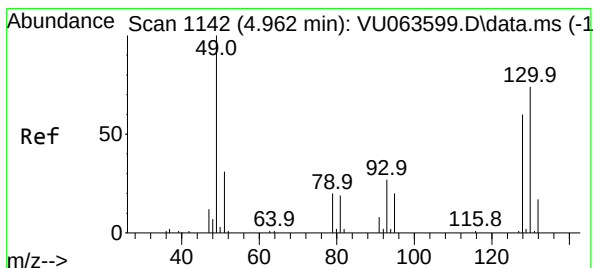
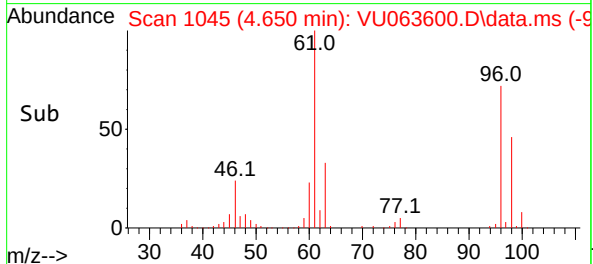
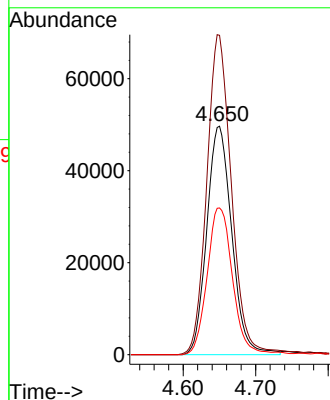
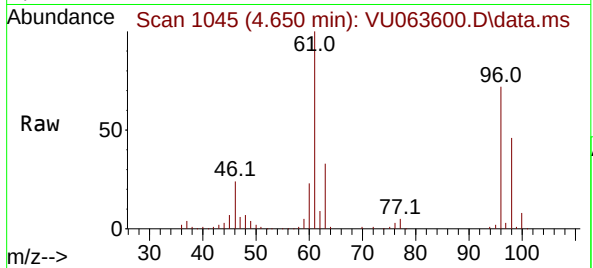


#22
 cis-1,2-Dichloroethene
 Concen: 9.961 ug/L
 RT: 4.650 min Scan# 110
 Delta R.T. -0.006 min
 Lab File: VU063600.D
 Acq: 17 Sep 2025 10:44

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010024

Tgt Ion: 96 Resp: 119245

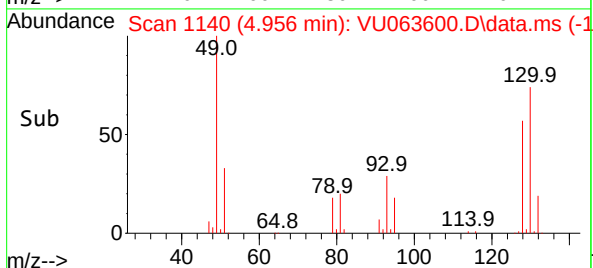
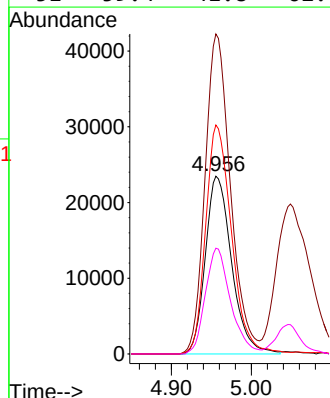
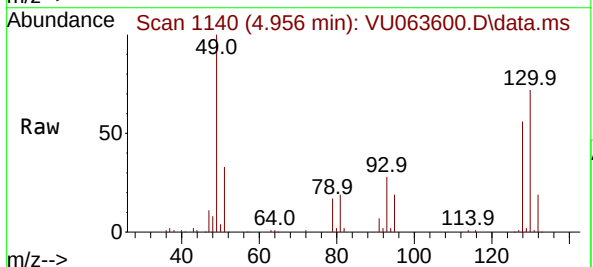
Ion	Ratio	Lower	Upper
96	100		
61	139.8	95.8	177.8
98	64.2	43.5	80.9

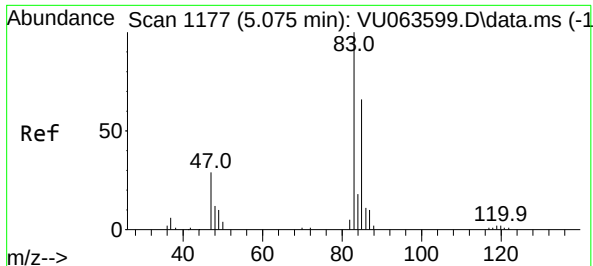


#23
 Bromochloromethane
 Concen: 10.131 ug/L
 RT: 4.956 min Scan# 1140
 Delta R.T. -0.010 min
 Lab File: VU063600.D
 Acq: 17 Sep 2025 10:44

Tgt Ion: 128 Resp: 53720

Ion	Ratio	Lower	Upper
128	100		
49	179.9	118.4	219.8
130	128.8	87.6	162.6
51	59.4	41.8	62.6





#25

Chloroform

Concen: 9.944 ug/L

RT: 5.071 min Scan# 1177

Delta R.T. -0.003 min

Lab File: VU063600.D

Acq: 17 Sep 2025 10:44

Instrument :

MSVOA_U

ClientSampleId :

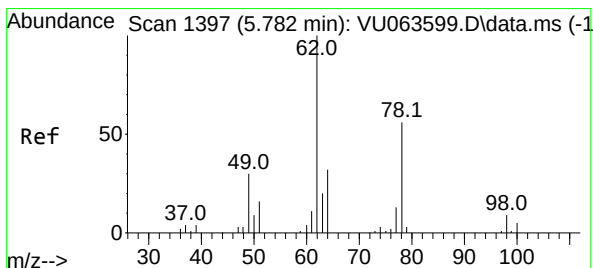
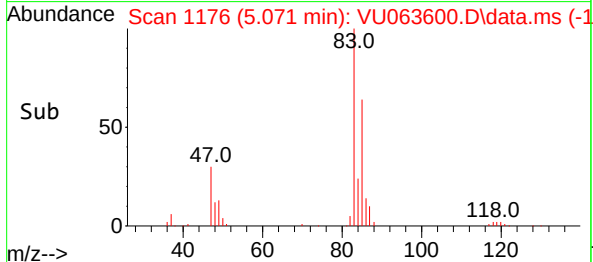
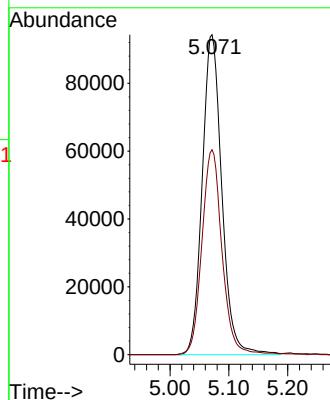
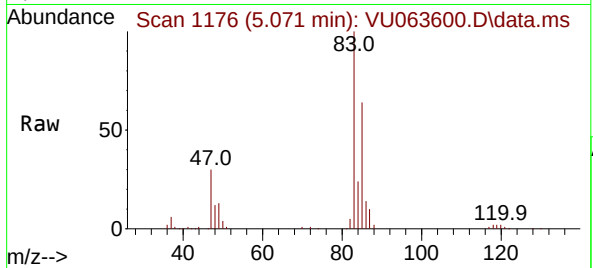
VSTD010024

Tgt Ion: 83 Resp: 218561

Ion Ratio Lower Upper

83 100

85 64.0 46.1 85.5



#27

1,2-Dichloroethane

Concen: 9.834 ug/L

RT: 5.779 min Scan# 1396

Delta R.T. -0.003 min

Lab File: VU063600.D

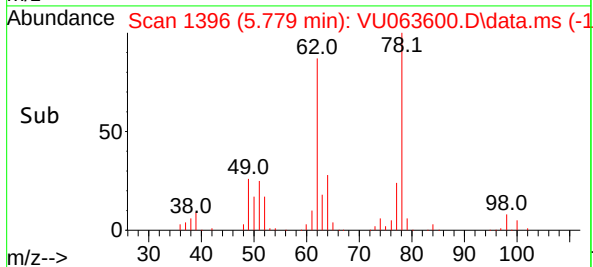
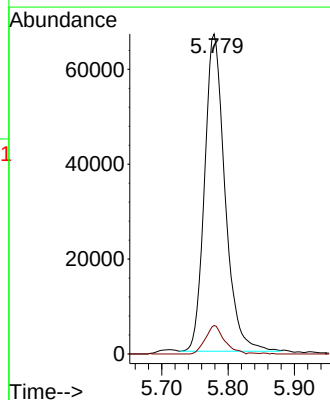
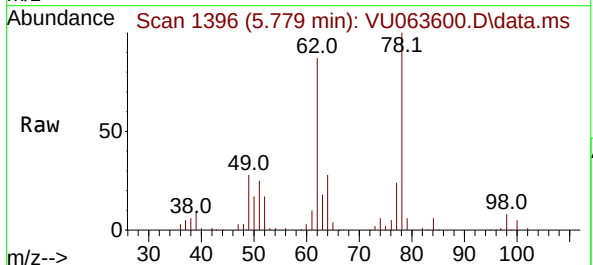
Acq: 17 Sep 2025 10:44

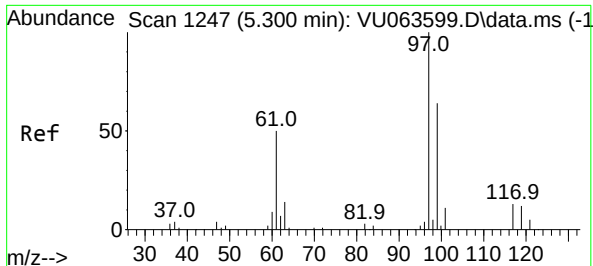
Tgt Ion: 62 Resp: 143247

Ion Ratio Lower Upper

62 100

98 8.9 7.0 10.4



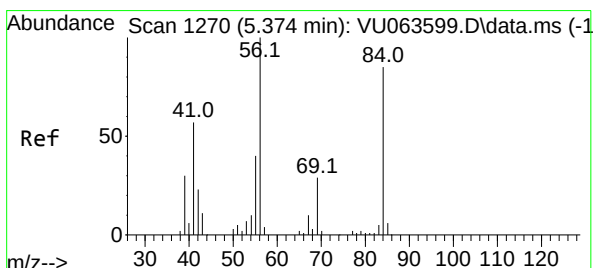
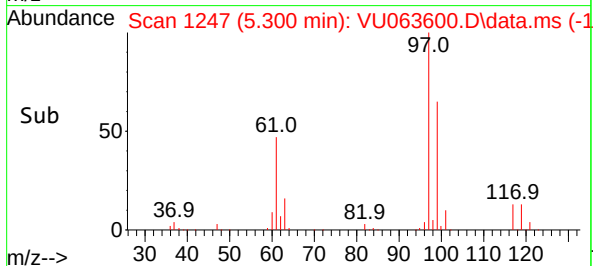
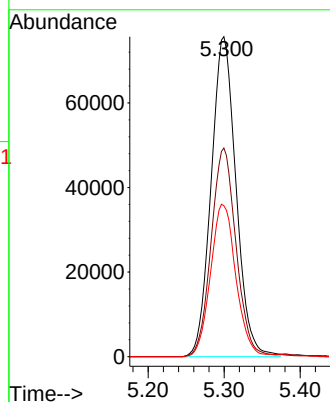
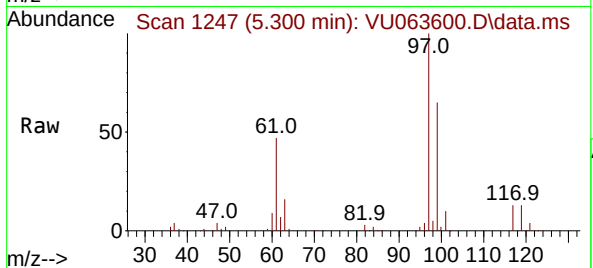


#29
1,1,1-Trichloroethane
Concen: 10.068 ug/L
RT: 5.300 min Scan# 1247
Delta R.T. -0.003 min
Lab File: VU063600.D
Acq: 17 Sep 2025 10:44

Instrument :
MSVOA_U
ClientSampleId :
VSTD010024

Tgt Ion: 97 Resp: 171874

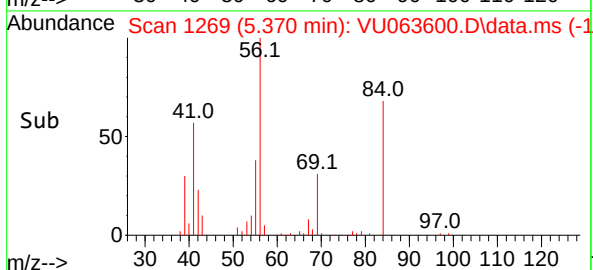
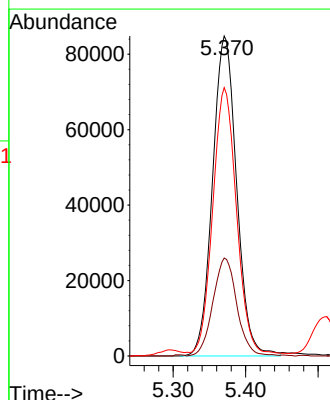
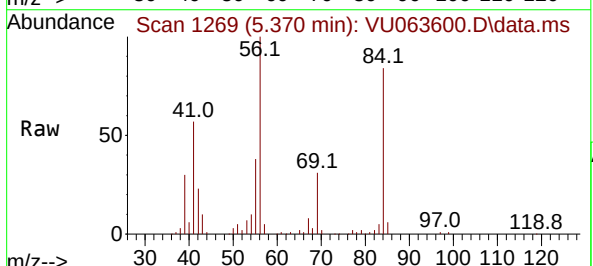
Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.0	76.6
61	48.7	39.9	59.9

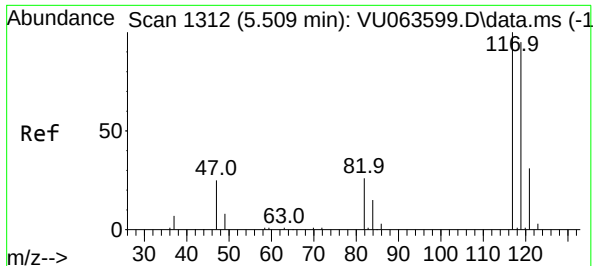


#30
Cyclohexane
Concen: 9.727 ug/L
RT: 5.370 min Scan# 1269
Delta R.T. -0.006 min
Lab File: VU063600.D
Acq: 17 Sep 2025 10:44

Tgt Ion: 56 Resp: 195898

Ion	Ratio	Lower	Upper
56	100		
69	30.3	23.2	34.8
84	83.3	65.0	97.4

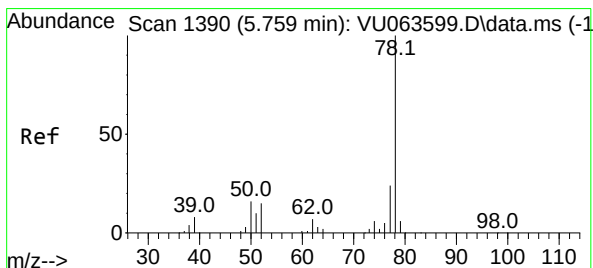
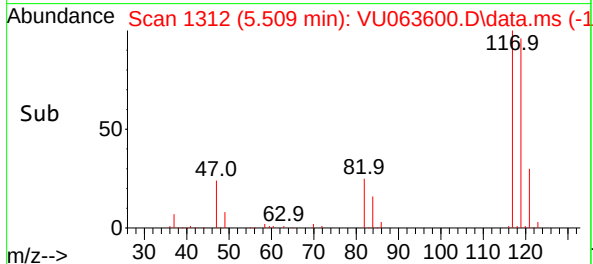
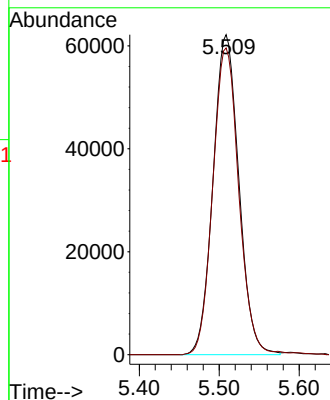
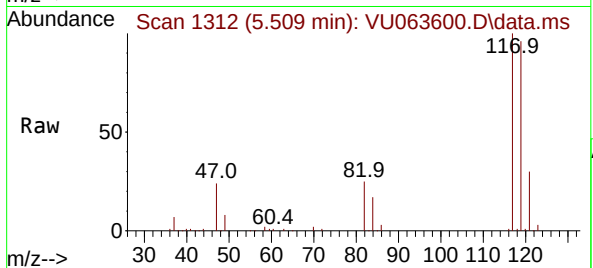




#31
Carbon tetrachloride
Concen: 10.409 ug/L
RT: 5.509 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU063600.D
Acq: 17 Sep 2025 10:44

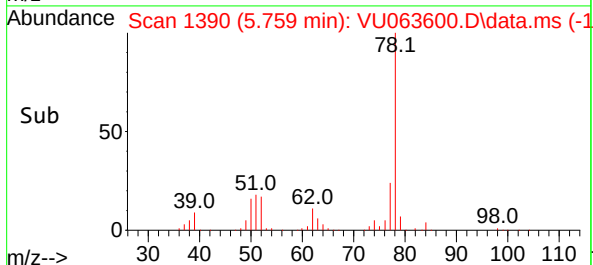
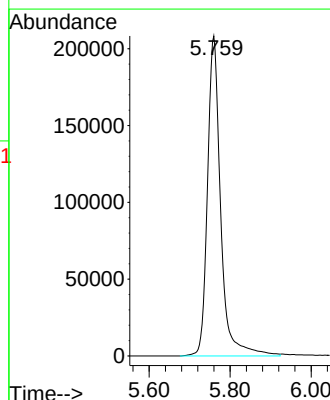
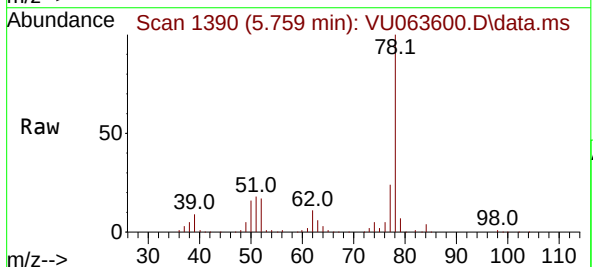
Instrument :
MSVOA_U
ClientSampleId :
VSTD010024

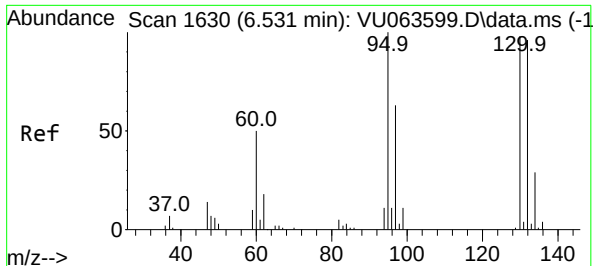
Tgt Ion:117 Resp: 139125
Ion Ratio Lower Upper
117 100
119 96.7 76.8 115.2



#33
Benzene
Concen: 10.114 ug/L
RT: 5.759 min Scan# 1390
Delta R.T. -0.003 min
Lab File: VU063600.D
Acq: 17 Sep 2025 10:44

Tgt Ion: 78 Resp: 470900

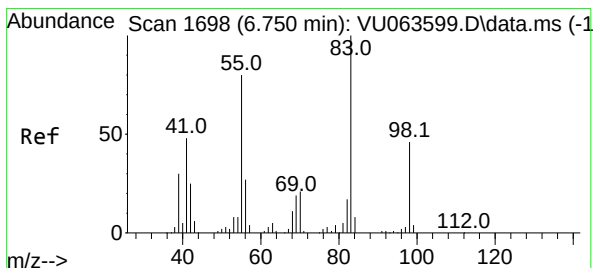
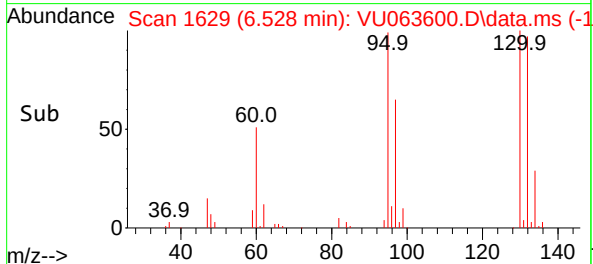
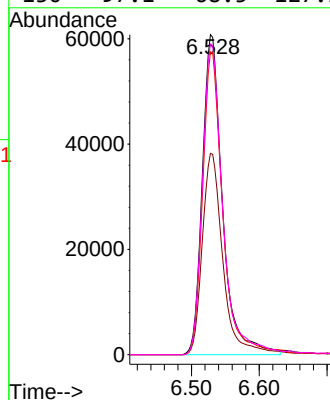
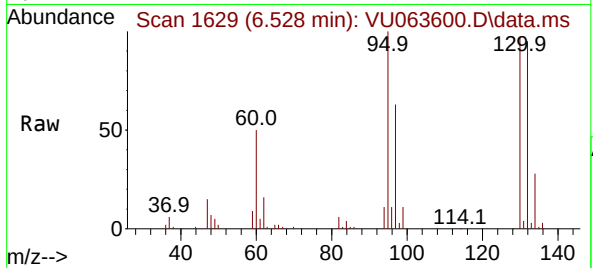




#34
Trichloroethene
Concen: 9.878 ug/L
RT: 6.528 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VU063600.D
Acq: 17 Sep 2025 10:44

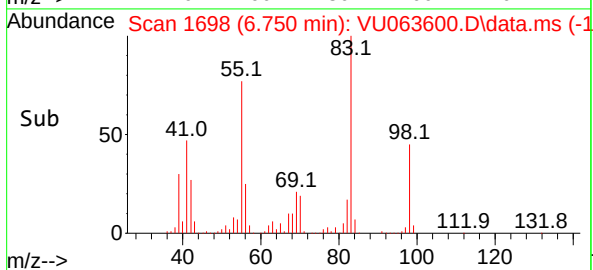
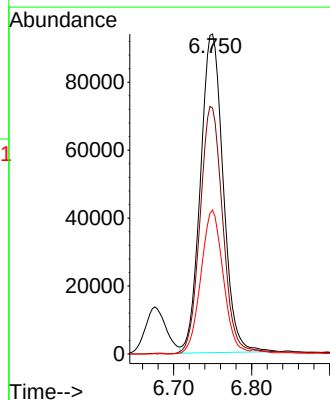
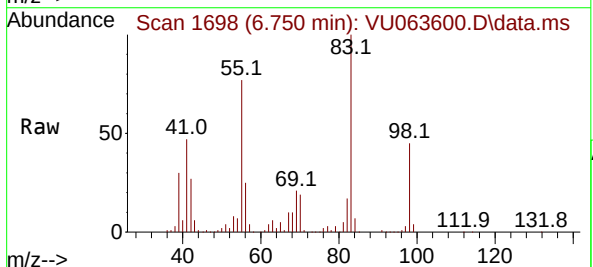
Instrument :
MSVOA_U
ClientSampleId :
VSTD010024

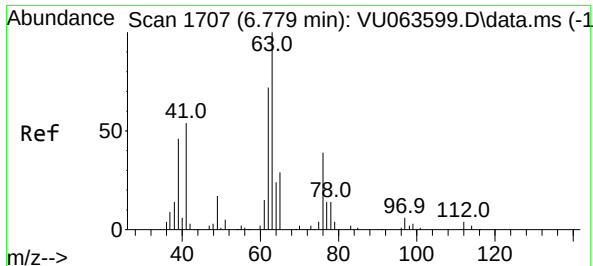
Tgt Ion: 95 Resp: 126126
Ion Ratio Lower Upper
95 100
97 62.9 44.0 81.6
132 94.7 67.1 124.5
130 97.1 68.5 127.1



#35
Methylcyclohexane
Concen: 9.780 ug/L
RT: 6.750 min Scan# 1698
Delta R.T. -0.003 min
Lab File: VU063600.D
Acq: 17 Sep 2025 10:44

Tgt Ion: 83 Resp: 190488
Ion Ratio Lower Upper
83 100
55 78.2 63.9 95.9
98 44.5 36.2 54.2





#37

1,2-Dichloropropane

Concen: 9.802 ug/L

RT: 6.775 min Scan# 1

Delta R.T. -0.006 min

Lab File: VU063600.D

Acq: 17 Sep 2025 10:44

Instrument :

MSVOA_U

ClientSampleId :

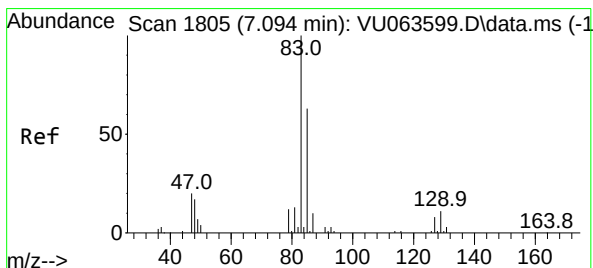
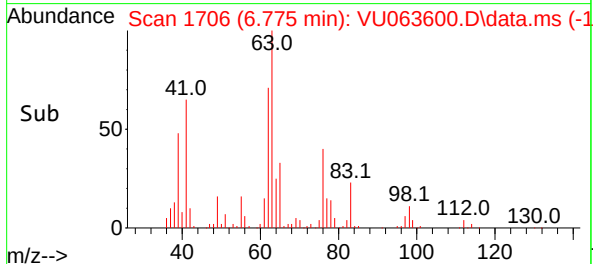
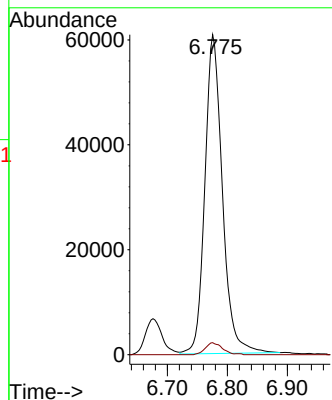
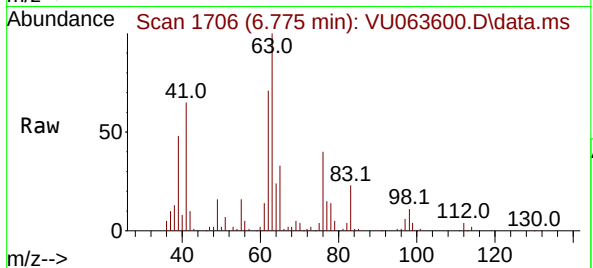
VSTD010024

Tgt Ion: 63 Resp: 123618

Ion Ratio Lower Upper

63 100

112 3.6 2.8 4.2



#38

Bromodichloromethane

Concen: 10.177 ug/L

RT: 7.091 min Scan# 1804

Delta R.T. -0.006 min

Lab File: VU063600.D

Acq: 17 Sep 2025 10:44

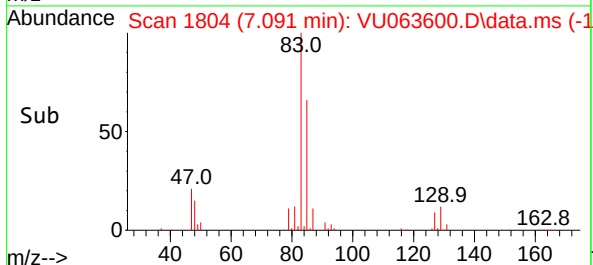
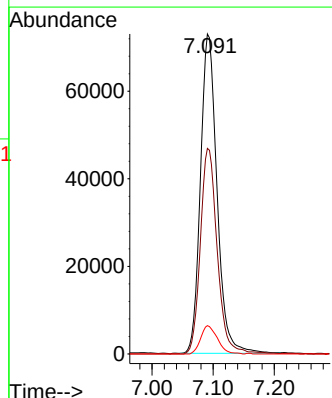
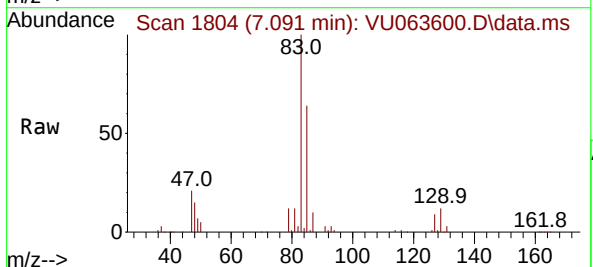
Tgt Ion: 83 Resp: 137276

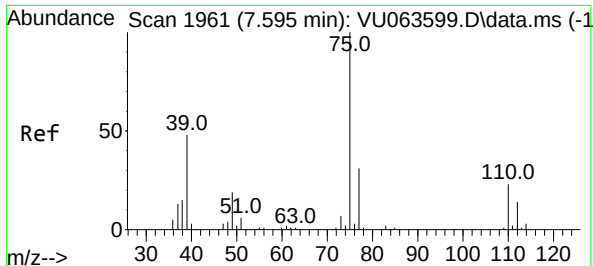
Ion Ratio Lower Upper

83 100

85 64.2 44.4 82.4

127 8.8 6.2 9.2

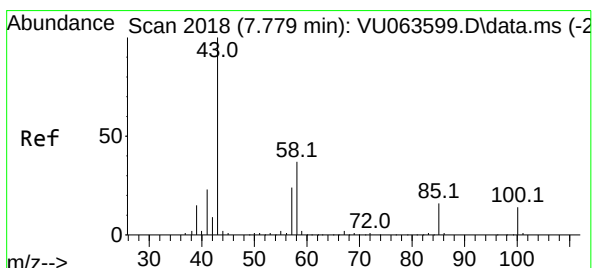
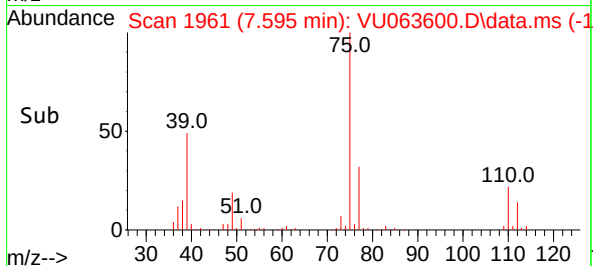
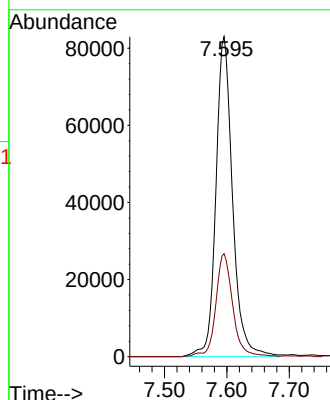
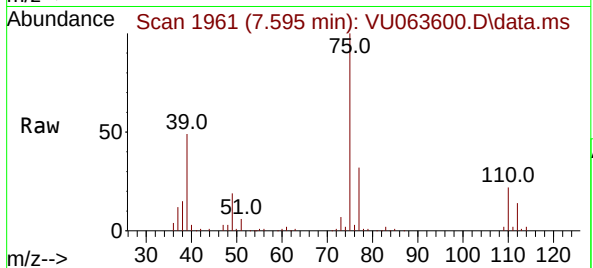




#39
 cis-1,3-Dichloropropene
 Concen: 10.762 ug/L
 RT: 7.595 min Scan# 1961
 Delta R.T. -0.003 min
 Lab File: VU063600.D
 Acq: 17 Sep 2025 10:44

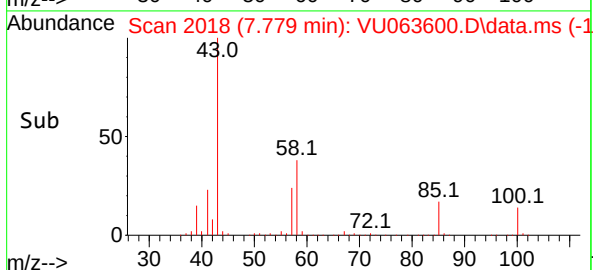
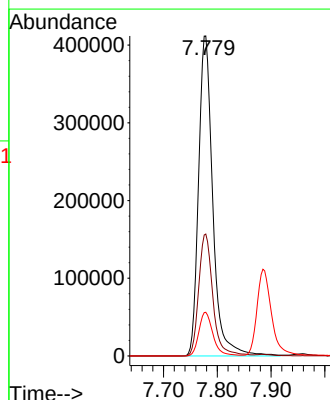
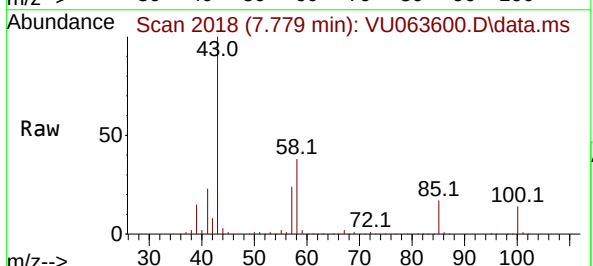
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010024

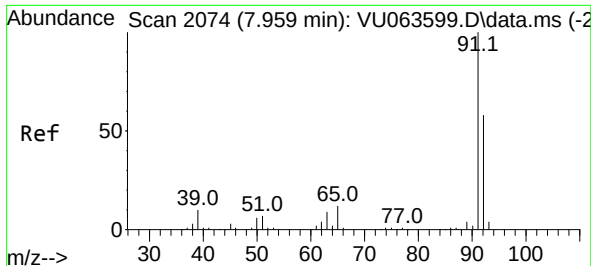
Tgt Ion: 75 Resp: 153925
 Ion Ratio Lower Upper
 75 100
 77 32.2 21.6 40.0



#40
 4-Methyl-2-pentanone
 Concen: 104.953 ug/L
 RT: 7.779 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VU063600.D
 Acq: 17 Sep 2025 10:44

Tgt Ion: 43 Resp: 757622
 Ion Ratio Lower Upper
 43 100
 58 37.9 29.6 44.4
 100 13.5 10.6 16.0





#42

Toluene

Concen: 10.162 ug/L

RT: 7.959 min Scan# 2074

Delta R.T. -0.003 min

Lab File: VU063600.D

Acq: 17 Sep 2025 10:44

Instrument :

MSVOA_U

ClientSampleId :

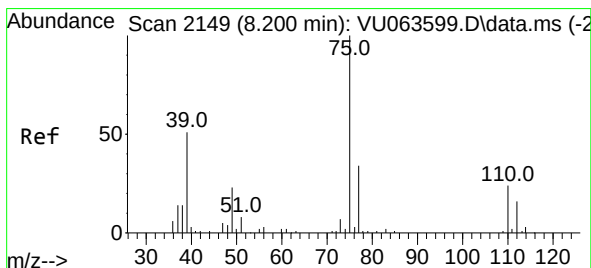
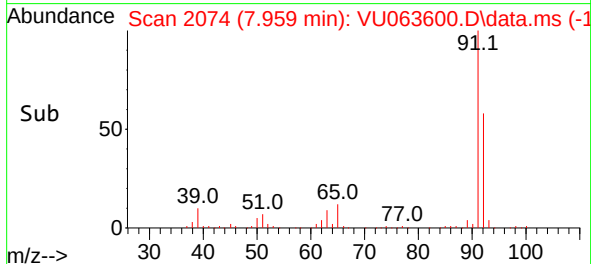
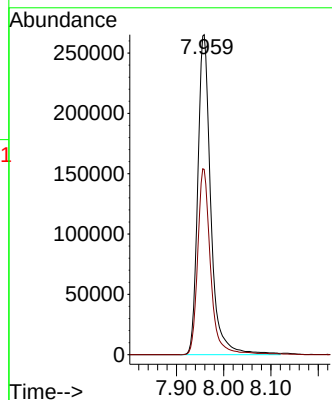
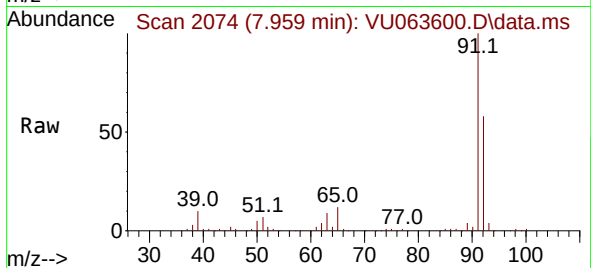
VSTD010024

Tgt Ion: 91 Resp: 507453

Ion Ratio Lower Upper

91 100

92 57.9 40.7 75.7



#44

trans-1,3-Dichloropropene

Concen: 10.818 ug/L

RT: 8.200 min Scan# 2149

Delta R.T. -0.003 min

Lab File: VU063600.D

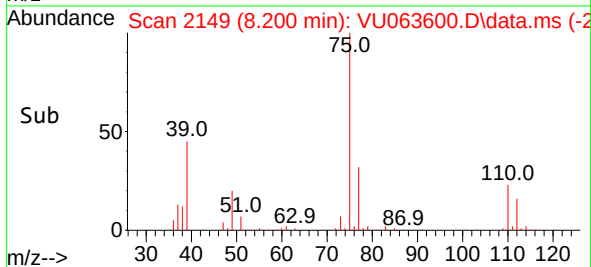
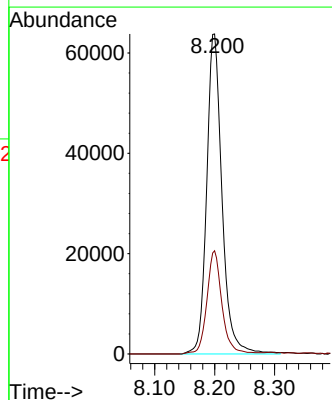
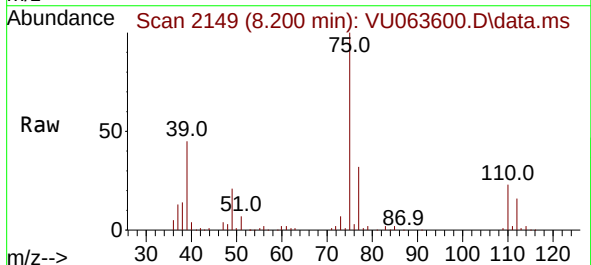
Acq: 17 Sep 2025 10:44

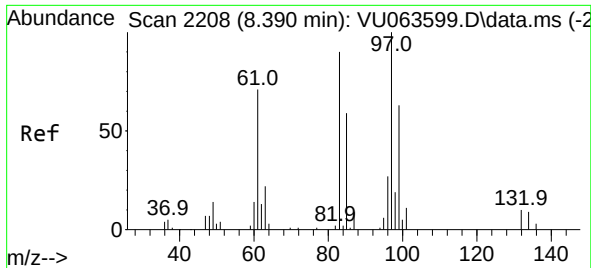
Tgt Ion: 75 Resp: 113676

Ion Ratio Lower Upper

75 100

77 32.3 23.7 44.1

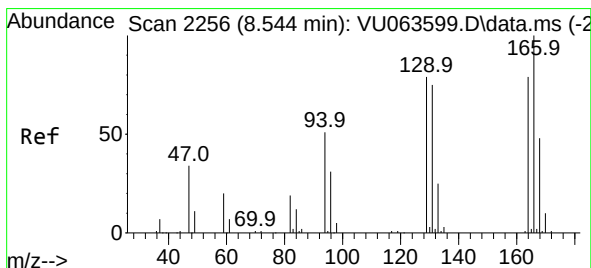
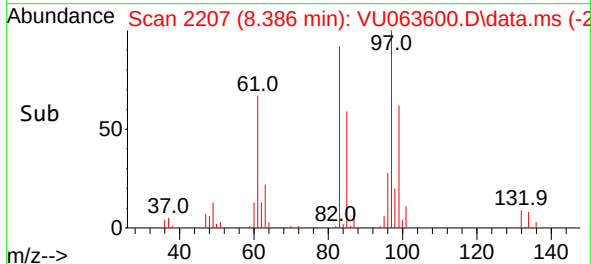
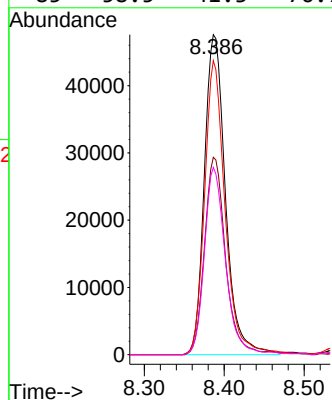
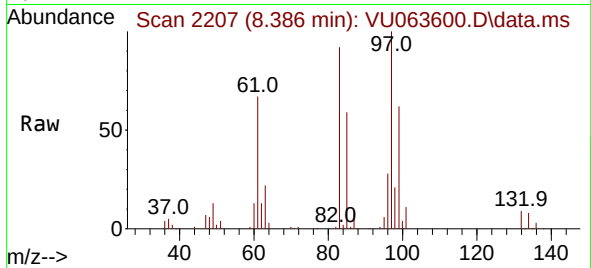




#45
1,1,2-Trichloroethane
Concen: 10.121 ug/L
RT: 8.386 min Scan# 2207
Delta R.T. -0.003 min
Lab File: VU063600.D
Acq: 17 Sep 2025 10:44

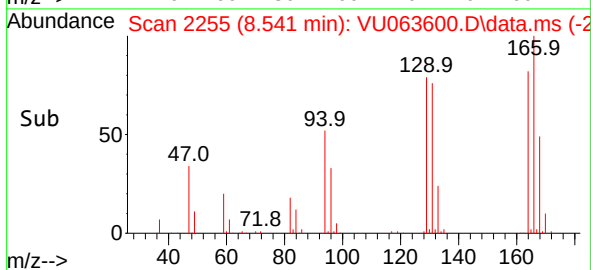
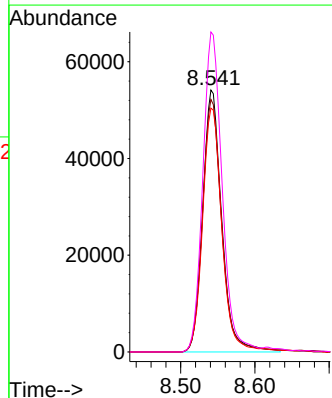
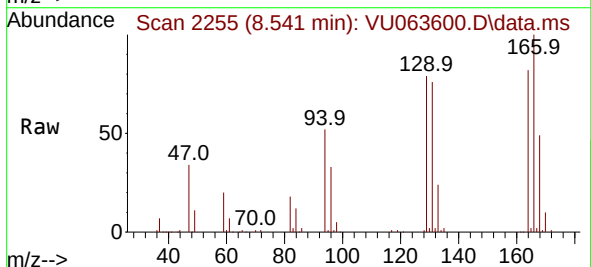
Instrument :
MSVOA_U
ClientSampleId :
VSTD010024

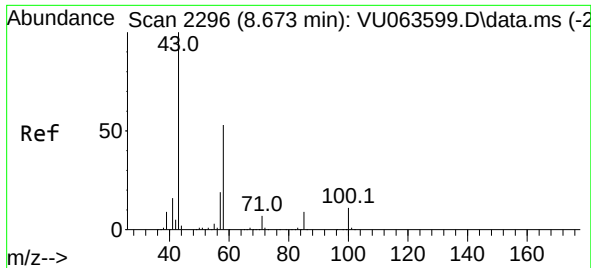
Tgt Ion:	97	Resp:	87391
Ion	Ratio	Lower	Upper
97	100		
99	61.7	44.0	81.6
83	91.9	63.1	117.3
85	58.5	41.3	76.7



#47
Tetrachloroethene
Concen: 9.908 ug/L
RT: 8.541 min Scan# 2255
Delta R.T. -0.003 min
Lab File: VU063600.D
Acq: 17 Sep 2025 10:44

Tgt Ion:	164	Resp:	96579
Ion	Ratio	Lower	Upper
164	100		
129	96.4	70.0	130.0
131	93.1	67.1	124.5
166	122.2	89.0	165.2

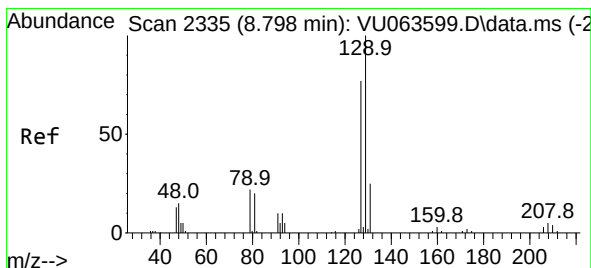
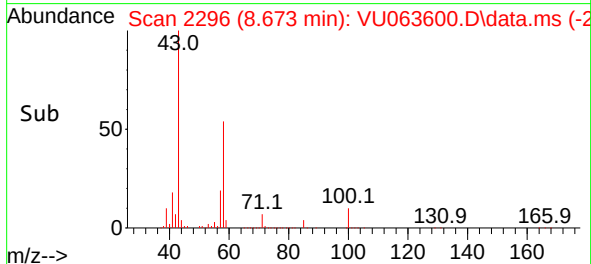
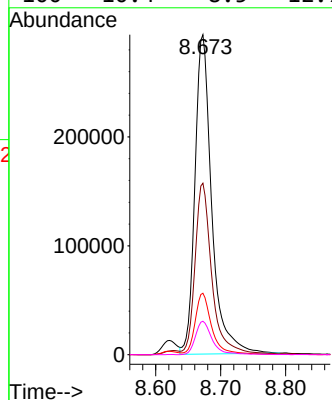
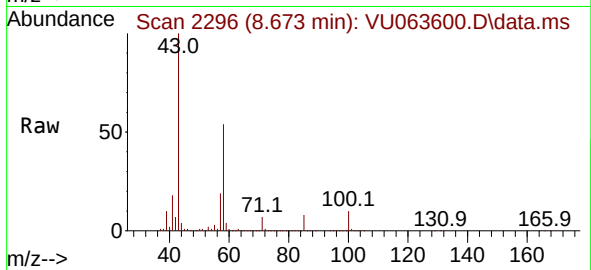




#48
2-Hexanone
Concen: 108.018 ug/L
RT: 8.673 min Scan# 2296
Delta R.T. 0.000 min
Lab File: VU063600.D
Acq: 17 Sep 2025 10:44

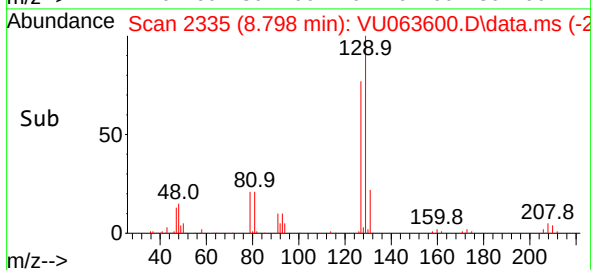
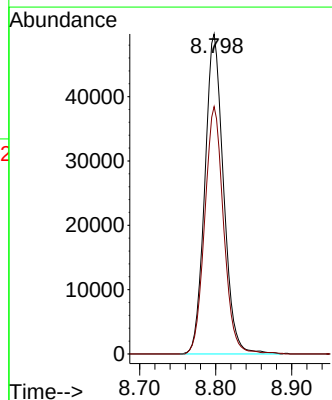
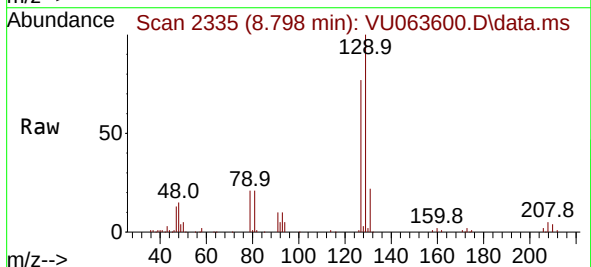
Instrument :
MSVOA_U
ClientSampleId :
VSTD010024

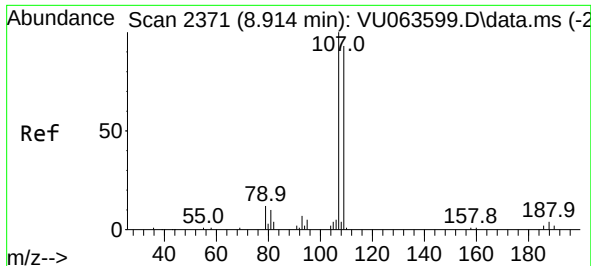
Tgt Ion:	43	Resp:	530106
Ion	Ratio	Lower	Upper
43	100		
58	53.4	42.2	63.2
57	19.0	15.0	22.4
100	10.4	8.5	12.7



#49
Dibromochloromethane
Concen: 10.745 ug/L
RT: 8.798 min Scan# 2335
Delta R.T. -0.003 min
Lab File: VU063600.D
Acq: 17 Sep 2025 10:44

Tgt Ion:	129	Resp:	84820
Ion	Ratio	Lower	Upper
129	100		
127	77.3	54.3	100.8

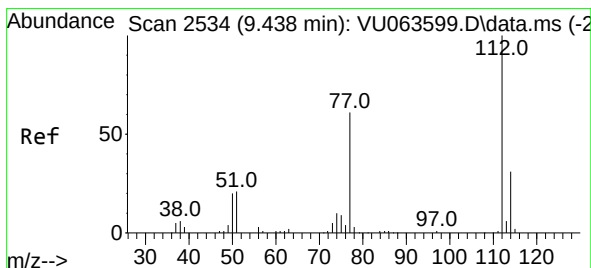
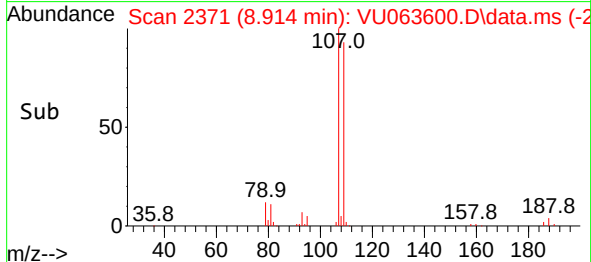
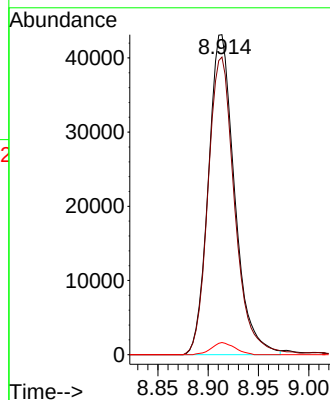
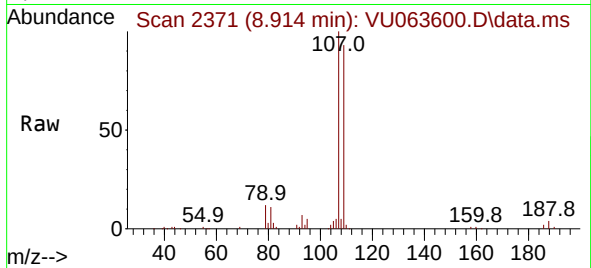




#50
1,2-Dibromoethane
Concen: 10.162 ug/L
RT: 8.914 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU063600.D
Acq: 17 Sep 2025 10:44

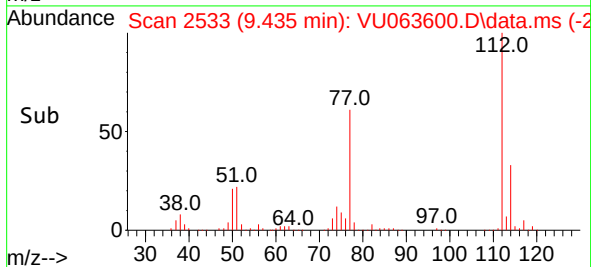
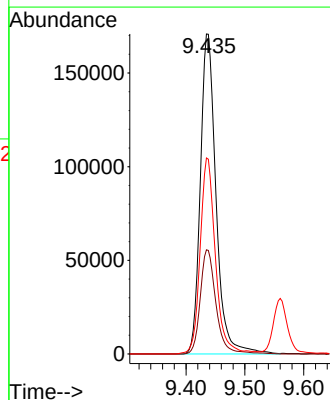
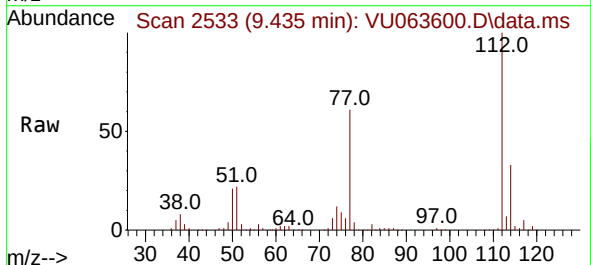
Instrument :
MSVOA_U
ClientSampleId :
VSTD010024

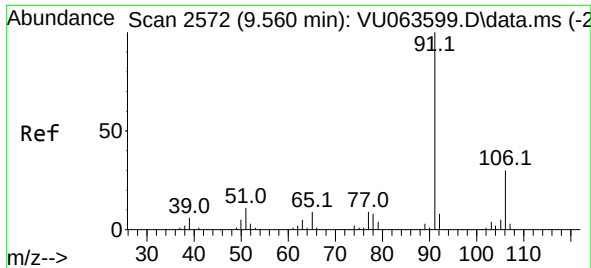
Tgt Ion:107 Resp: 78275
Ion Ratio Lower Upper
107 100
109 93.0 65.4 121.4
188 3.8 2.8 4.2



#51
Chlorobenzene
Concen: 9.790 ug/L
RT: 9.435 min Scan# 2533
Delta R.T. -0.003 min
Lab File: VU063600.D
Acq: 17 Sep 2025 10:44

Tgt Ion:112 Resp: 316584
Ion Ratio Lower Upper
112 100
114 32.6 22.0 41.0
77 61.2 48.9 73.3

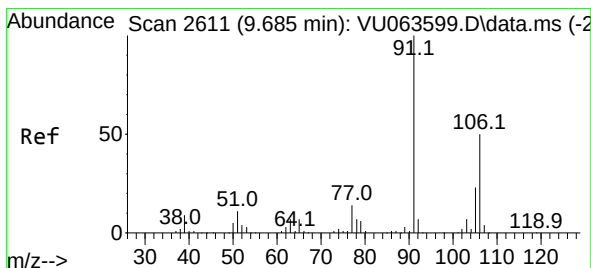
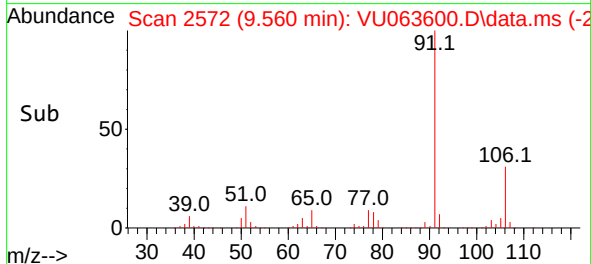
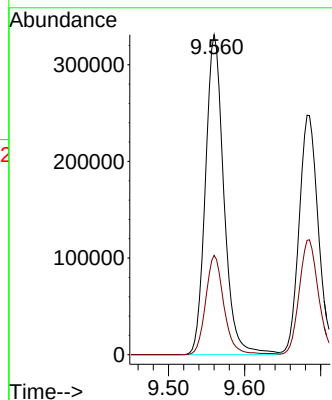
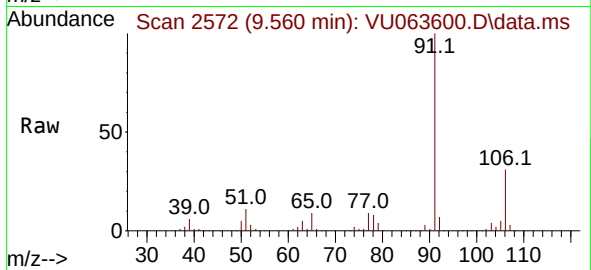




#52
Ethylbenzene
Concen: 10.154 ug/L
RT: 9.560 min Scan# 2572
Delta R.T. -0.003 min
Lab File: VU063600.D
Acq: 17 Sep 2025 10:44

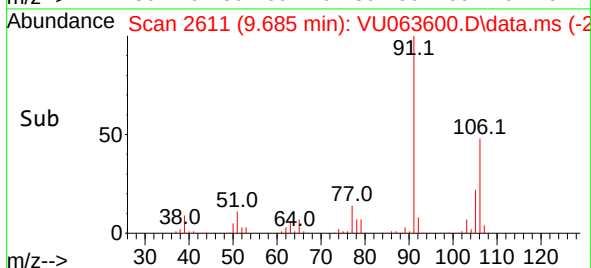
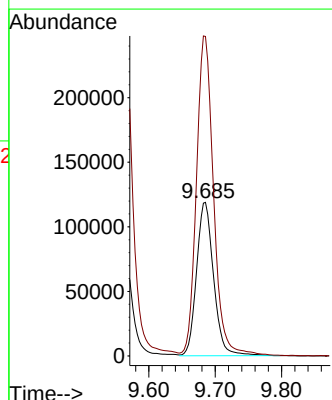
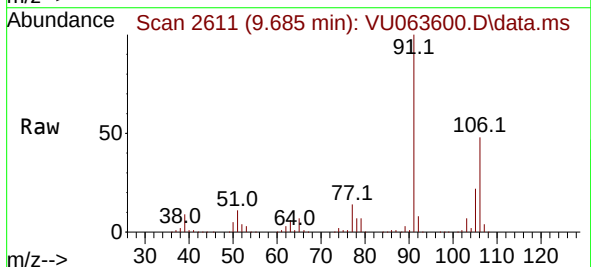
Instrument :
MSVOA_U
ClientSampleId :
VSTD010024

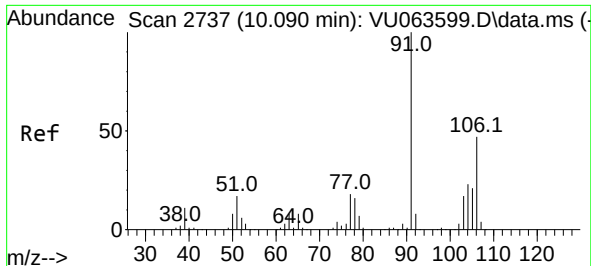
Tgt Ion: 91 Resp: 558069
Ion Ratio Lower Upper
91 100
106 31.0 21.2 39.4



#53
m,p-Xylene
Concen: 10.292 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. 0.000 min
Lab File: VU063600.D
Acq: 17 Sep 2025 10:44

Tgt Ion: 106 Resp: 212222
Ion Ratio Lower Upper
106 100
91 208.1 141.5 262.7

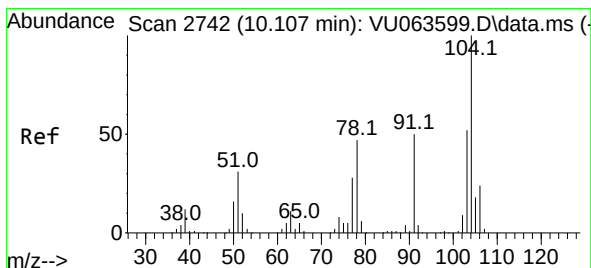
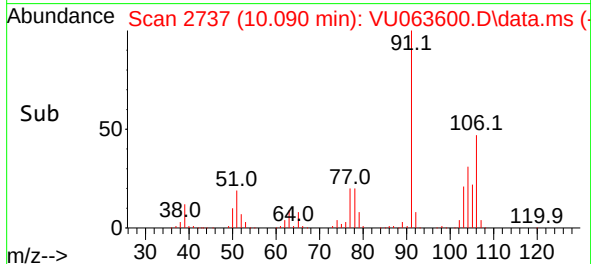
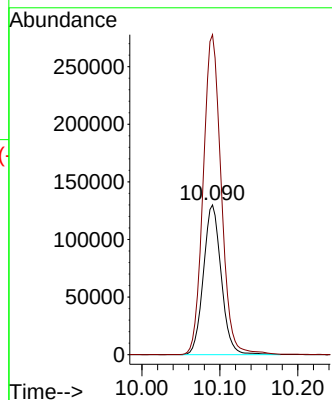
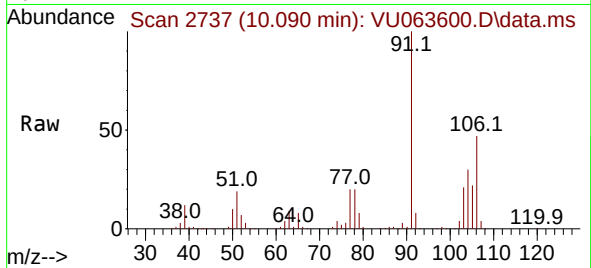




#54
o-Xylene
Concen: 10.349 ug/L
RT: 10.090 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU063600.D
Acq: 17 Sep 2025 10:44

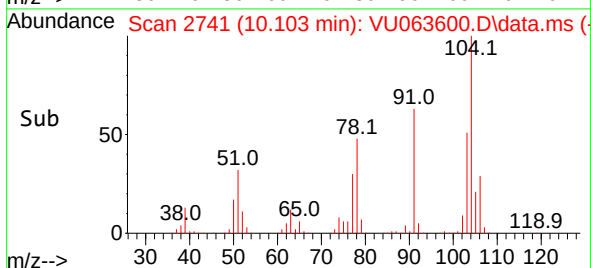
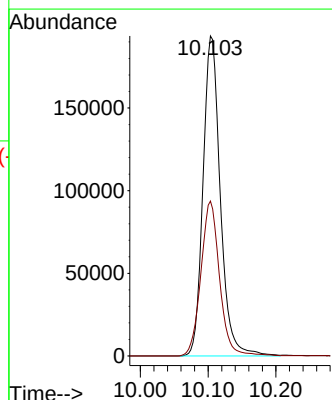
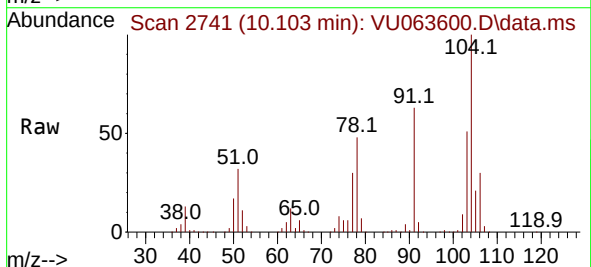
Instrument :
MSVOA_U
ClientSampleId :
VSTD010024

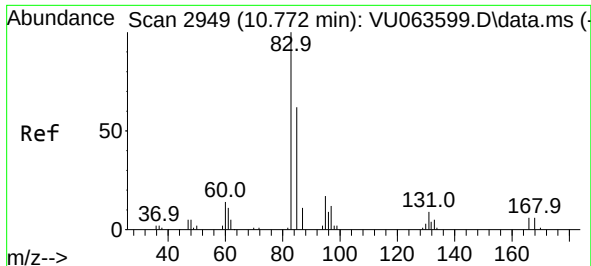
Tgt Ion:106 Resp: 206492
Ion Ratio Lower Upper
106 100
91 213.6 149.4 277.4



#55
Styrene
Concen: 10.496 ug/L
RT: 10.103 min Scan# 2741
Delta R.T. -0.003 min
Lab File: VU063600.D
Acq: 17 Sep 2025 10:44

Tgt Ion:104 Resp: 343569
Ion Ratio Lower Upper
104 100
78 48.4 32.8 61.0

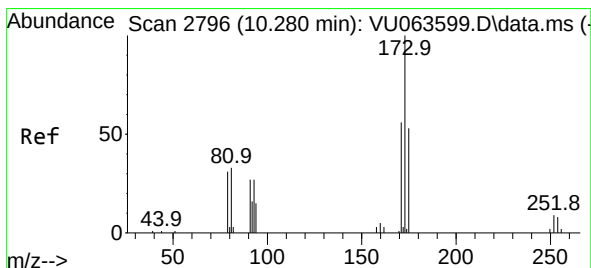
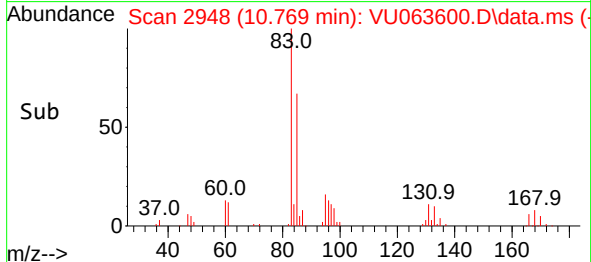
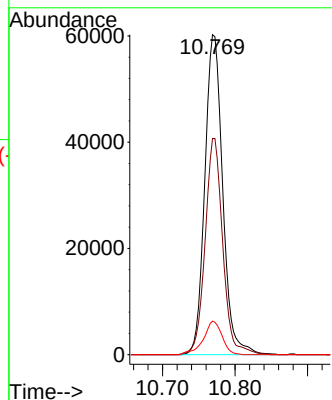
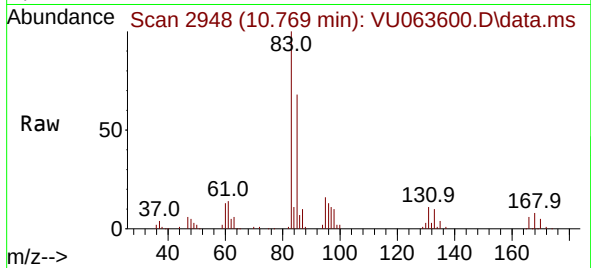




#57
1,1,2-Tetrachloroethane
Concen: 10.035 ug/L
RT: 10.769 min Scan# 2948
Delta R.T. -0.003 min
Lab File: VU063600.D
Acq: 17 Sep 2025 10:44

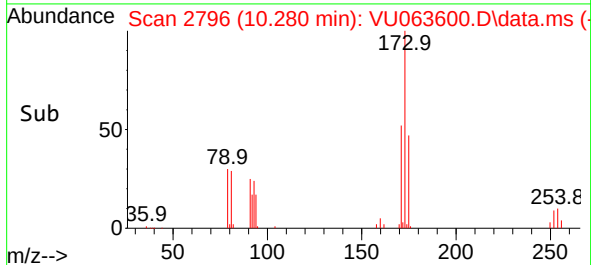
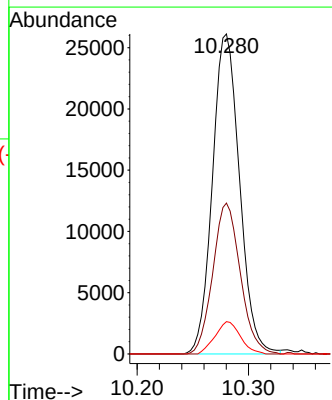
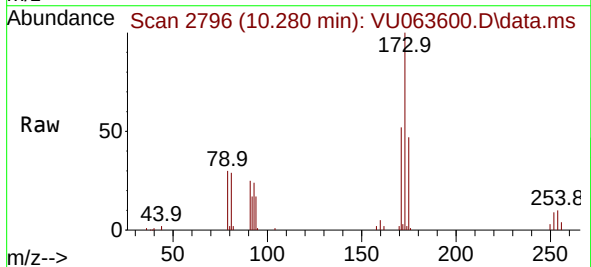
Instrument :
MSVOA_U
ClientSampleId :
VSTD010024

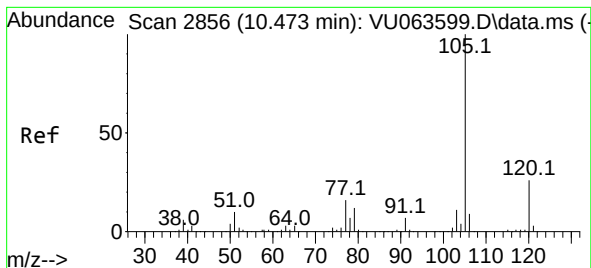
Tgt Ion: 83 Resp: 103505
Ion Ratio Lower Upper
83 100
85 67.5 43.5 80.7
131 10.5 7.3 10.9



#59
Bromoform
Concen: 10.283 ug/L
RT: 10.280 min Scan# 2796
Delta R.T. -0.003 min
Lab File: VU063600.D
Acq: 17 Sep 2025 10:44

Tgt Ion: 173 Resp: 44167
Ion Ratio Lower Upper
173 100
175 47.8 40.3 60.5
254 9.4 6.4 9.6





#60

Isopropylbenzene

Concen: 9.787 ug/L

RT: 10.473 min Scan# 2856

Delta R.T. -0.003 min

Lab File: VU063600.D

Acq: 17 Sep 2025 10:44

Instrument :

MSVOA_U

ClientSampleId :

VSTD010024

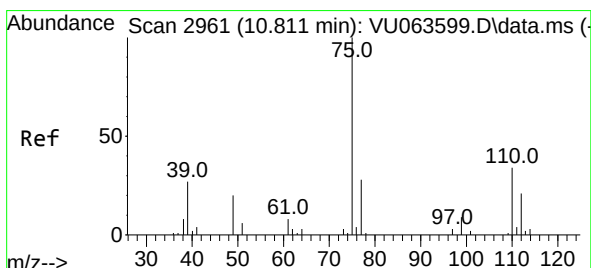
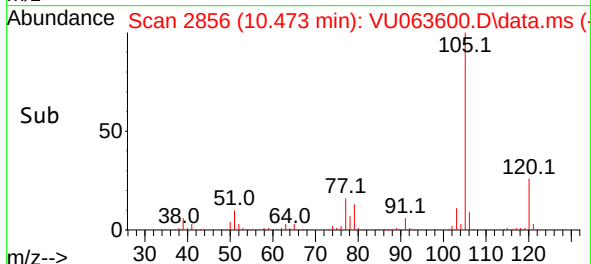
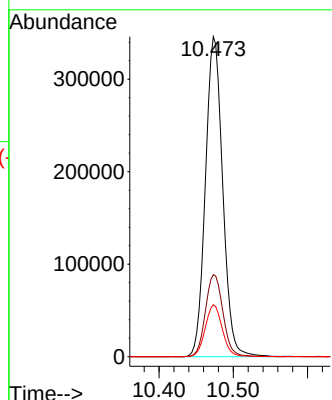
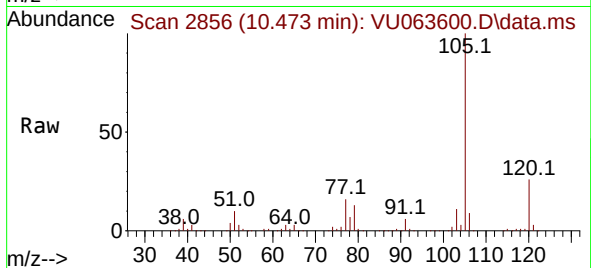
Tgt Ion:105 Resp: 558570

Ion Ratio Lower Upper

105 100

120 26.1 20.9 31.3

77 16.0 13.2 19.8



#61

1,2,3-Trichloropropane

Concen: 9.730 ug/L

RT: 10.811 min Scan# 2961

Delta R.T. -0.003 min

Lab File: VU063600.D

Acq: 17 Sep 2025 10:44

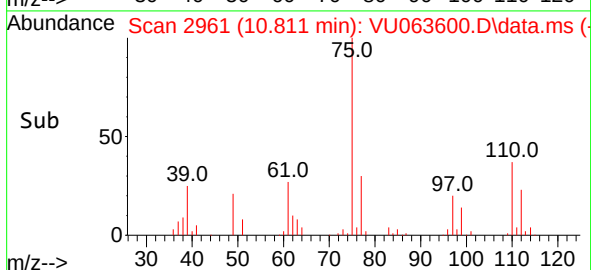
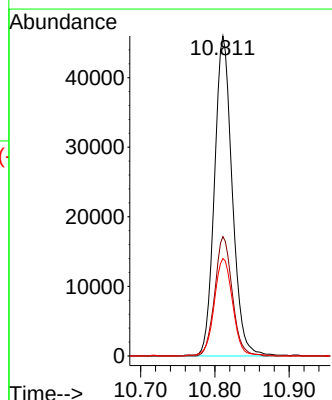
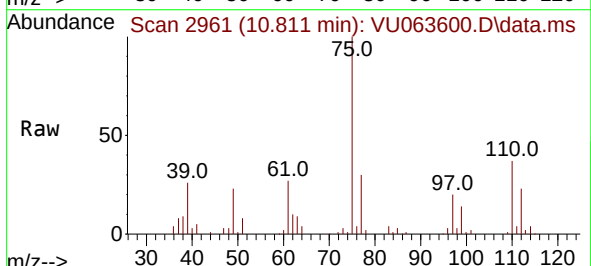
Tgt Ion: 75 Resp: 76509

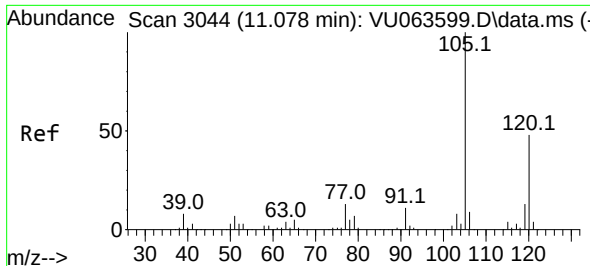
Ion Ratio Lower Upper

75 100

110 36.7 28.3 42.5

77 31.6 25.2 37.8

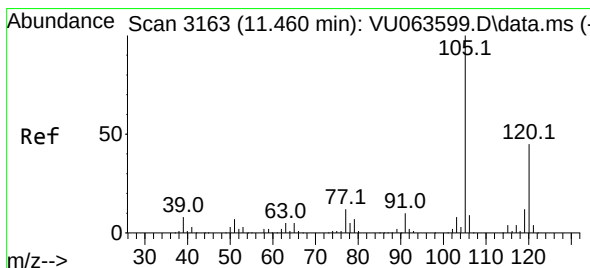
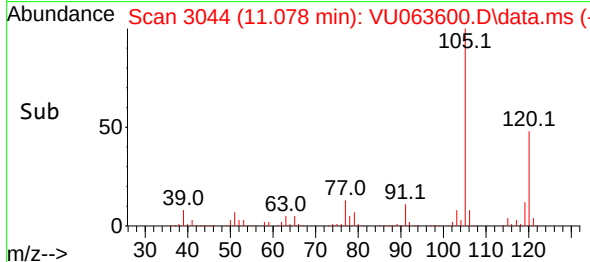
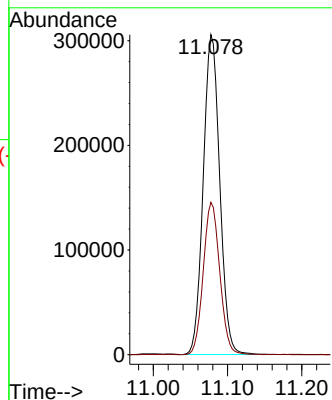
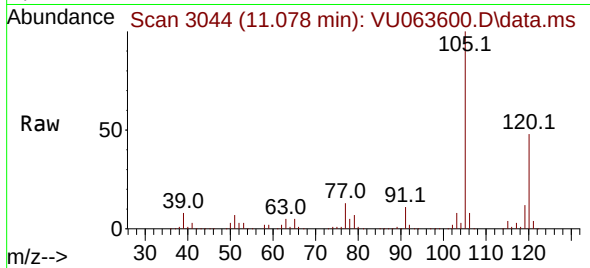




#62
 1,3,5-Trimethylbenzene
 Concen: 10.155 ug/L
 RT: 11.078 min Scan# 3044
 Delta R.T. -0.003 min
 Lab File: VU063600.D
 Acq: 17 Sep 2025 10:44

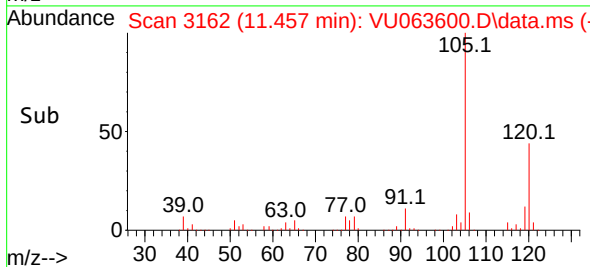
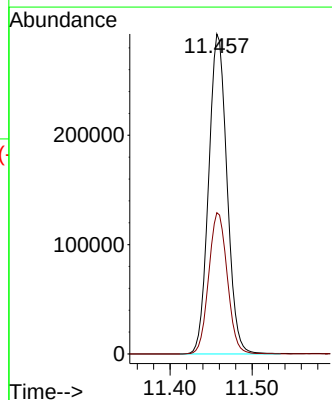
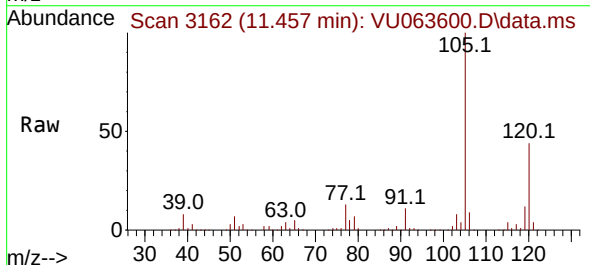
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010024

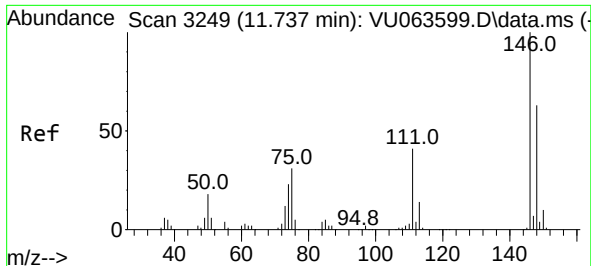
Tgt Ion:105 Resp: 471253
 Ion Ratio Lower Upper
 105 100
 120 47.7 38.4 57.6



#63
 1,2,4-Trimethylbenzene
 Concen: 10.262 ug/L
 RT: 11.457 min Scan# 3162
 Delta R.T. -0.003 min
 Lab File: VU063600.D
 Acq: 17 Sep 2025 10:44

Tgt Ion:105 Resp: 454759
 Ion Ratio Lower Upper
 105 100
 120 44.7 35.3 52.9

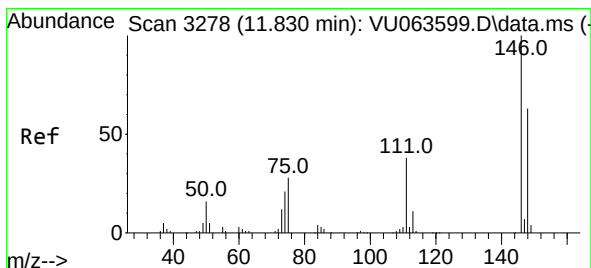
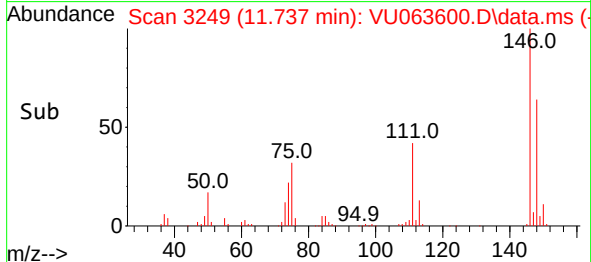
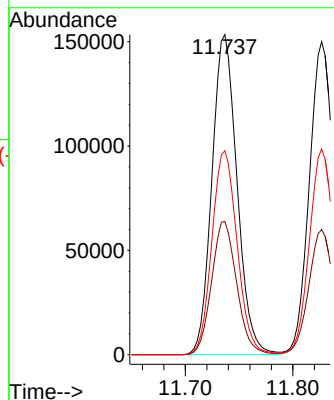
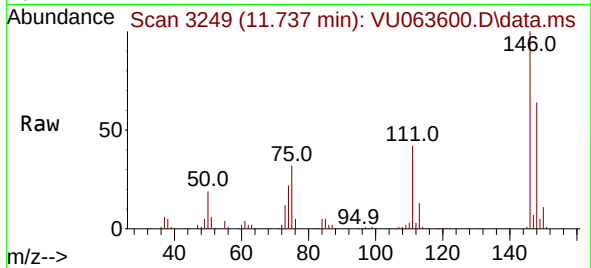




#64
1,3-Dichlorobenzene
Concen: 9.749 ug/L
RT: 11.737 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU063600.D
Acq: 17 Sep 2025 10:44

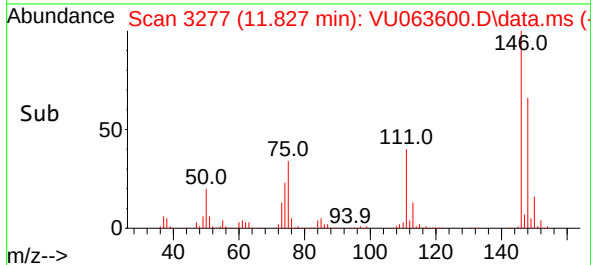
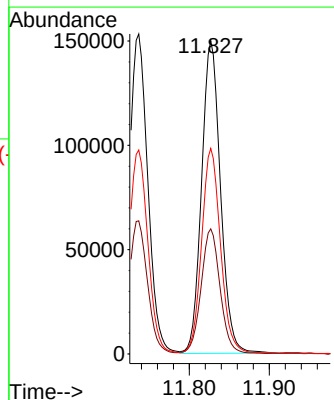
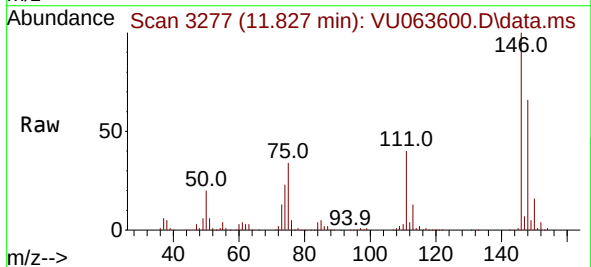
Instrument :
MSVOA_U
ClientSampleId :
VSTD010024

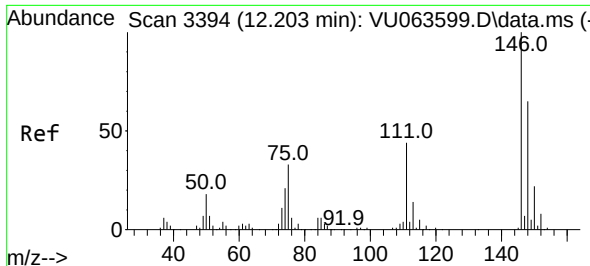
Tgt Ion:146 Resp: 249332
Ion Ratio Lower Upper
146 100
111 41.6 29.0 53.8
148 63.8 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 9.567 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. -0.003 min
Lab File: VU063600.D
Acq: 17 Sep 2025 10:44

Tgt Ion:146 Resp: 247046
Ion Ratio Lower Upper
146 100
111 39.9 27.2 50.4
148 65.7 44.0 81.6

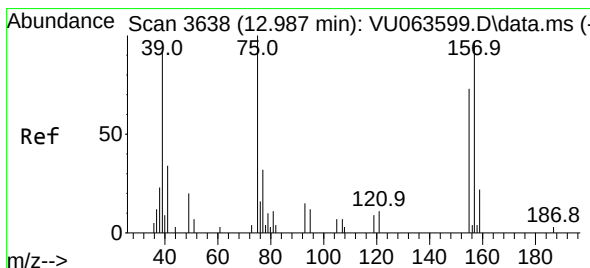
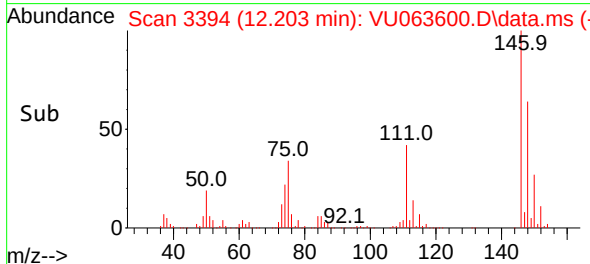
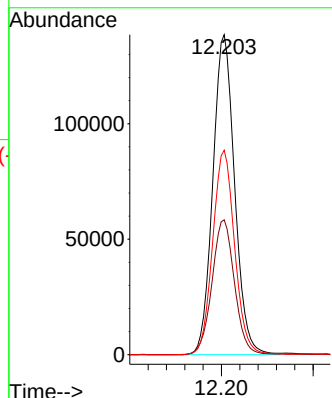
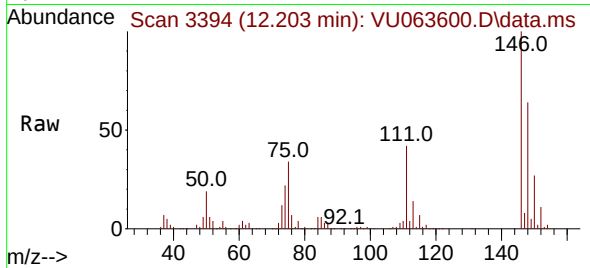




#67
1,2-Dichlorobenzene
Concen: 9.588 ug/L
RT: 12.203 min Scan# 3394
Delta R.T. -0.000 min
Lab File: VU063600.D
Acq: 17 Sep 2025 10:44

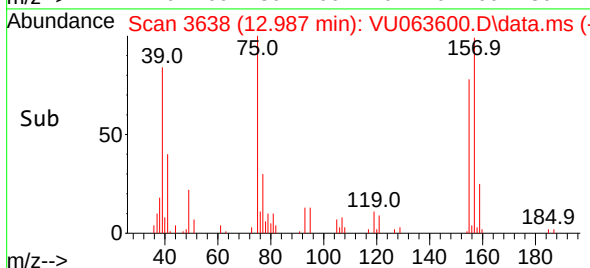
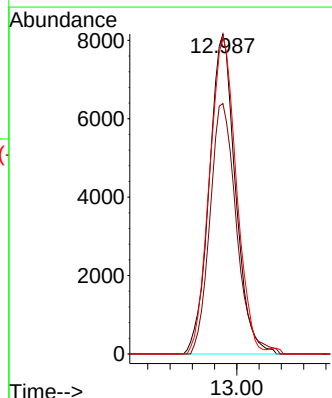
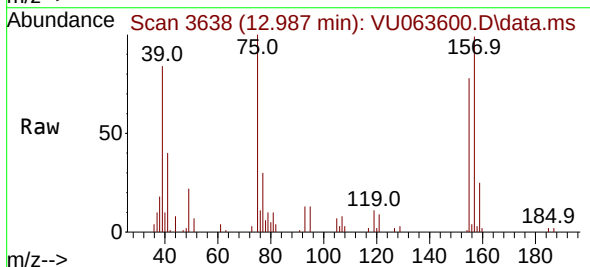
Instrument :
MSVOA_U
ClientSampleId :
VSTD010024

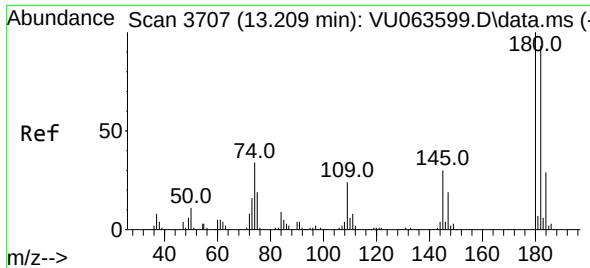
Tgt Ion:146 Resp: 228921
Ion Ratio Lower Upper
146 100
111 42.1 35.5 53.3
148 63.9 52.1 78.1



#68
1,2-Dibromo-3-chloropropane
Concen: 10.945 ug/L
RT: 12.987 min Scan# 3638
Delta R.T. -0.003 min
Lab File: VU063600.D
Acq: 17 Sep 2025 10:44

Tgt Ion: 75 Resp: 13290
Ion Ratio Lower Upper
75 100
155 78.2 58.4 87.6
157 99.3 77.8 116.8

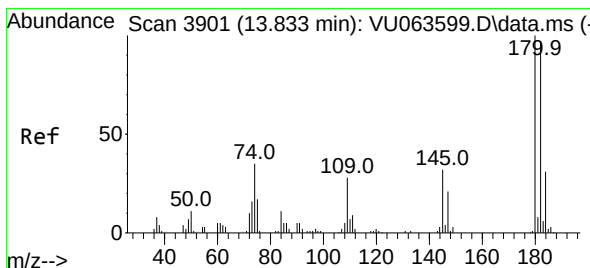
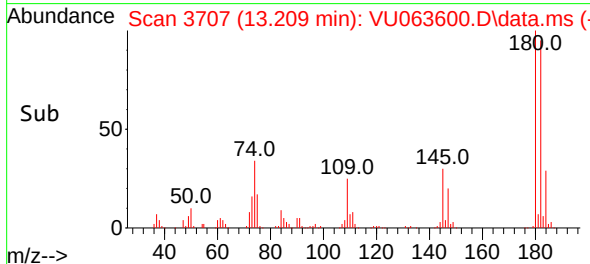
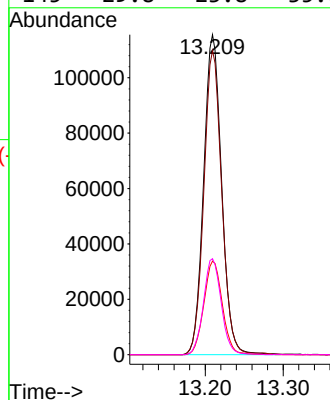
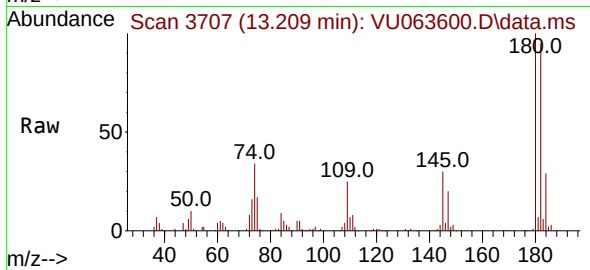




#69
1,3,5-Trichlorobenzene
Concen: 9.658 ug/L
RT: 13.209 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU063600.D
Acq: 17 Sep 2025 10:44

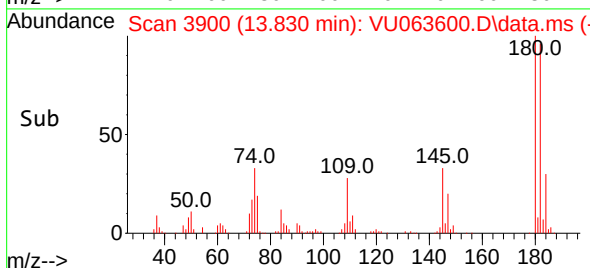
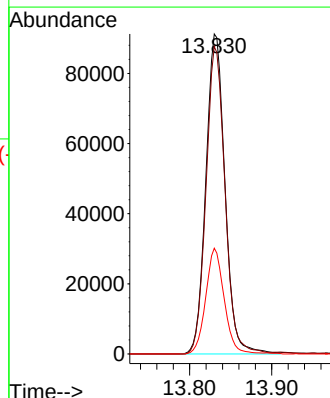
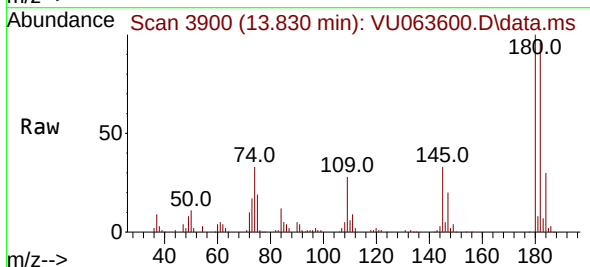
Instrument :
MSVOA_U
ClientSampleId :
VSTD010024

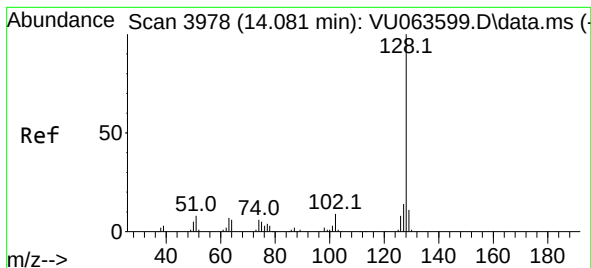
Tgt Ion:180 Resp: 184849
Ion Ratio Lower Upper
180 100
182 94.5 74.6 111.8
184 30.0 23.4 35.2
145 29.8 23.8 35.6



#70
1,2,4-trichlorobenzene
Concen: 10.025 ug/L
RT: 13.830 min Scan# 3900
Delta R.T. -0.003 min
Lab File: VU063600.D
Acq: 17 Sep 2025 10:44

Tgt Ion:180 Resp: 148089
Ion Ratio Lower Upper
180 100
182 95.2 76.6 114.8
145 31.9 25.0 37.4





#71

Naphthalene

Concen: 10.567 ug/L

RT: 14.077 min Scan# 3978

Delta R.T. -0.006 min

Lab File: VU063600.D

Acq: 17 Sep 2025 10:44

Instrument :

MSVOA_U

ClientSampleId :

VSTD010024

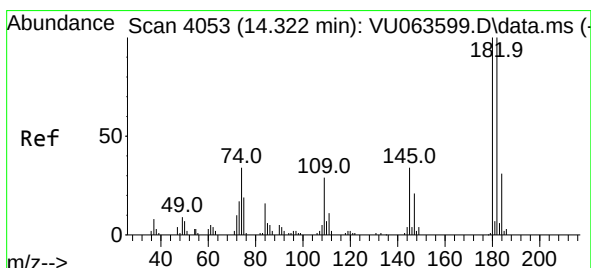
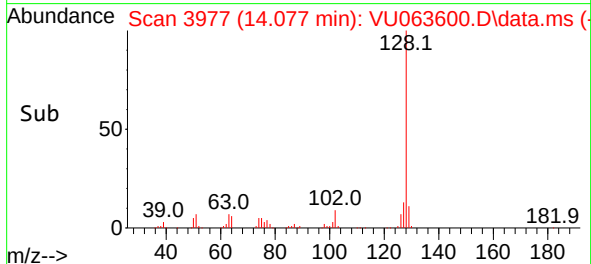
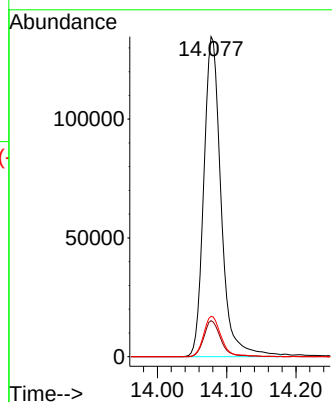
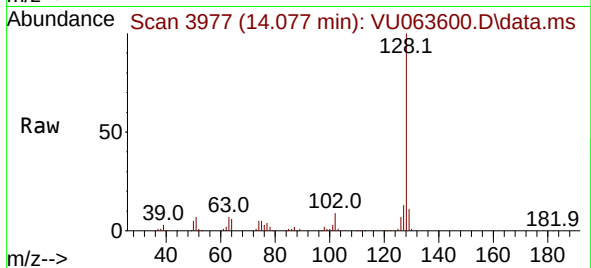
Tgt Ion:128 Resp: 233573

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

127 12.9 11.0 16.4



#72

1,2,3-Trichlorobenzene

Concen: 10.208 ug/L

RT: 14.319 min Scan# 4052

Delta R.T. -0.003 min

Lab File: VU063600.D

Acq: 17 Sep 2025 10:44

Tgt Ion:180 Resp: 129454

Ion Ratio Lower Upper

180 100

182 93.2 78.2 117.2

145 32.4 26.0 39.0

