

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111925\
 Data File : VU063739.D
 Acq On : 19 Nov 2025 09:52
 Operator : MD/SY
 Sample : VSTD0.527
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5027

Quant Time: Nov 20 02:48:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111925WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 20 02:48:03 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.222	114	166020	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.393	117	167692	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.788	152	99504	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.583	65	8211	0.782	ug/L	0.00
7) Chloroethane-d5	1.895	69	6957	0.713	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.541	65	3793	0.762	ug/L	0.00
20) 2-Butanone-d5	4.634	46	2817	1.084	ug/L	0.04
24) Chloroform-d	5.036	84	15711	0.653	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.682	65	8353	0.660	ug/L	0.00
32) Benzene-d6	5.701	84	30680	0.650	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.666	67	8231	0.556	ug/L	0.00
41) Toluene-d8	7.875	98	30388	0.705	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.161	79	2701	0.643	ug/L	0.00
46) 2-Hexanone-d5	8.621	63	8010	4.033	ug/L	0.01
56) 1,1,2,2-Tetrachloroeth...	10.730	84	5844	0.506	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.171	152	10807	0.643	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.374	85	5163	0.392	ug/L	97
3) Chloromethane	1.505	50	4421	0.324	ug/L	93
5) Vinyl chloride	1.589	62	5519	0.368	ug/L	98
6) Bromomethane	1.840	94	3473	0.385	ug/L	96
8) Chloroethane	1.914	64	4218	0.441	ug/L	97
9) Trichlorofluoromethane	2.120	101	10872	0.512	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.557	101	6112	0.497	ug/L	95
12) 1,1-Dichloroethene	2.557	96	4737	0.431	ug/L	80
13) Acetone	2.615	43	10775	4.834	ug/L	100
14) Carbon disulfide	2.769	76	8141	0.317	ug/L #	93
15) Methyl Acetate	2.939	43	1621	0.335	ug/L #	70
16) Methylene chloride	3.020	84	7539	0.580	ug/L	90
17) Methyl tert-butyl Ether	3.338	73	15324	0.533	ug/L	94
18) trans-1,2-Dichloroethene	3.329	96	5351	0.473	ug/L	97
19) 1,1-Dichloroethane	3.840	63	12192	0.514	ug/L	96
21) 2-Butanone	4.721	43	9725	2.996	ug/L	74
22) cis-1,2-Dichloroethene	4.644	96	7066	0.527	ug/L	89
23) Bromochloromethane	4.949	128	3065	0.528	ug/L	85
25) Chloroform	5.058	83	14086	0.562	ug/L	100
27) 1,2-Dichloroethane	5.772	62	8055	0.497	ug/L	97
29) 1,1,1-Trichloroethane	5.280	97	10249	0.498	ug/L	98
30) Cyclohexane	5.351	56	7869	0.359	ug/L	92
31) Carbon tetrachloride	5.496	117	7561	0.474	ug/L	100
33) Benzene	5.750	78	24067	0.449	ug/L	100
34) Trichloroethene	6.518	95	8162	0.548	ug/L	86
35) Methylcyclohexane	6.737	83	8101	0.374	ug/L	98
37) 1,2-Dichloropropane	6.759	63	7323	0.500	ug/L #	89
38) Bromodichloromethane	7.081	83	8647	0.523	ug/L #	98
39) cis-1,3-Dichloropropene	7.589	75	8196	0.476	ug/L	99
40) 4-Methyl-2-pentanone	7.772	43	32585	3.929	ug/L	98
42) Toluene	7.946	91	26116	0.444	ug/L	98
44) trans-1,3-Dichloropropene	8.193	75	6073	0.473	ug/L	91

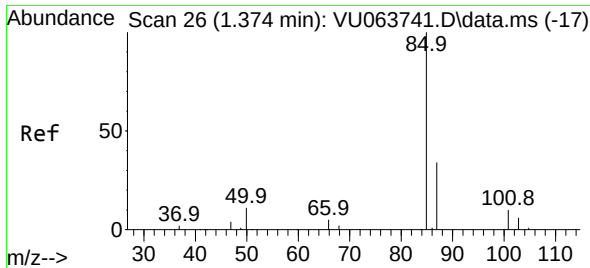
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111925\
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 20 02:48:03 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.380	97	5230	0.501	ug/L	84
47) Tetrachloroethene	8.531	164	5820	0.512	ug/L	87
48) 2-Hexanone	8.669	43	20281	3.474	ug/L	95
49) Dibromochloromethane	8.785	129	5033	0.512	ug/L	93
50) 1,2-Dibromoethane	8.904	107	4689	0.513	ug/L #	97
51) Chlorobenzene	9.425	112	20566	0.530	ug/L	95
52) Ethylbenzene	9.547	91	34134	0.516	ug/L	99
53) m,p-Xylene	9.672	106	12885	0.523	ug/L	97
54) o-Xylene	10.077	106	12287	0.513	ug/L	94
55) Styrene	10.097	104	18315	0.462	ug/L	92
57) 1,1,2,2-Tetrachloroethane	10.759	83	6450	0.520	ug/L	99
59) Bromoform	10.267	173	2492	0.444	ug/L #	96
60) Isopropylbenzene	10.460	105	34053	0.466	ug/L	98
61) 1,2,3-Trichloropropane	10.804	75	4412	0.448	ug/L	98
62) 1,3,5-Trimethylbenzene	11.065	105	27672	0.464	ug/L	99
63) 1,2,4-Trimethylbenzene	11.447	105	26974	0.472	ug/L	98
64) 1,3-Dichlorobenzene	11.727	146	17628	0.538	ug/L	98
65) 1,4-Dichlorobenzene	11.814	146	18784	0.566	ug/L	97
67) 1,2-Dichlorobenzene	12.190	146	15554	0.509	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.981	75	612	0.397	ug/L	94
69) 1,3,5-Trichlorobenzene	13.196	180	11813	0.479	ug/L	98
70) 1,2,4-trichlorobenzene	13.817	180	9610	0.506	ug/L	99
71) Naphthalene	14.068	128	15074	0.541	ug/L	98
72) 1,2,3-Trichlorobenzene	14.306	180	8303	0.515	ug/L	98

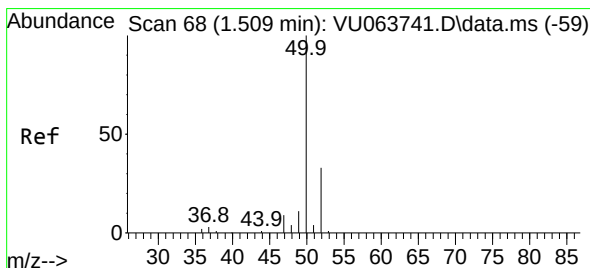
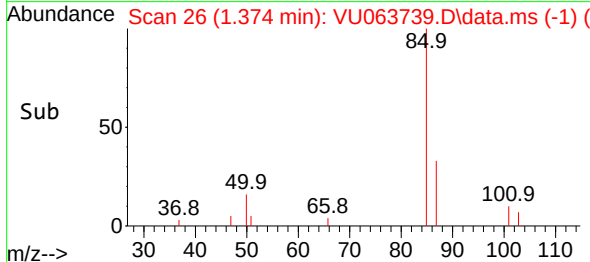
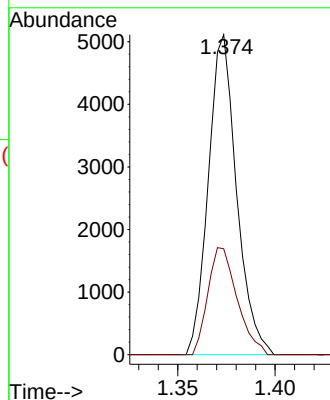
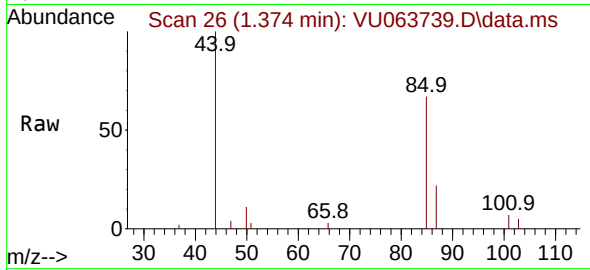
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 0.392 ug/L
 RT: 1.374 min Scan# 20
 Delta R.T. 0.000 min
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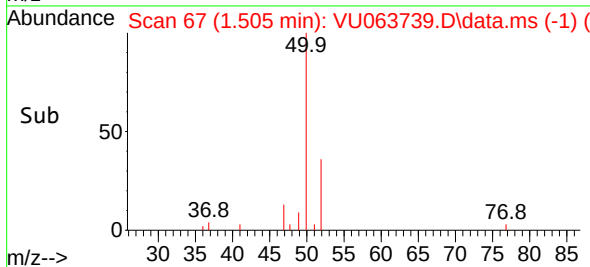
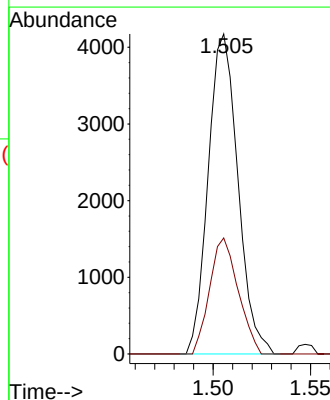
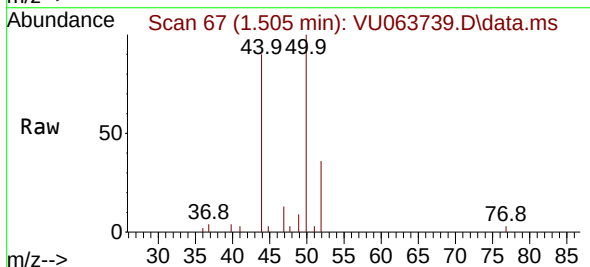
Instrument :
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 ClientSampleId :
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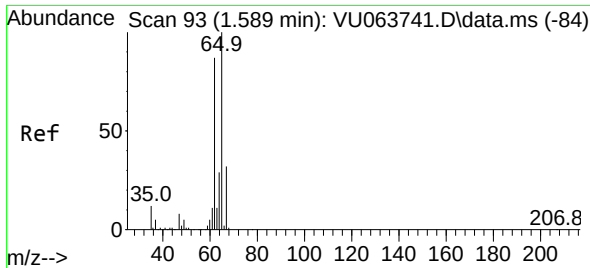
Tgt Ion: 85 Resp: 5163
 Ion Ratio Lower Upper
 85 100
 87 34.7 26.4 39.6



#3
 Chloromethane
 Concen: 0.324 ug/L
 RT: 1.505 min Scan# 67
 Delta R.T. -0.003 min
 Lab File: VU063739.D
 Acq: 19 Nov 2025 09:52

Tgt Ion: 50 Resp: 4421
 Ion Ratio Lower Upper
 50 100
 52 36.2 22.7 42.3

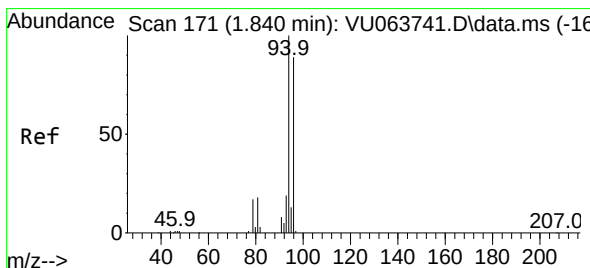
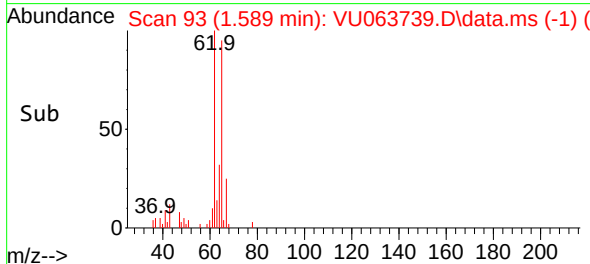
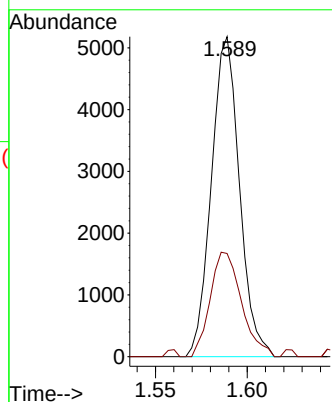
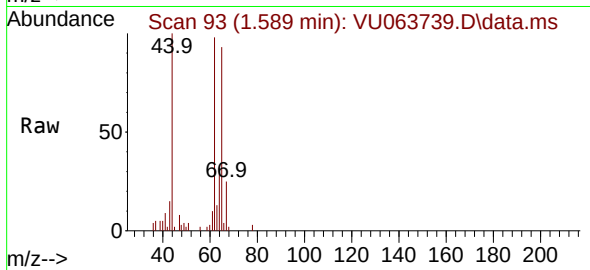




#5
 Vinyl chloride
 Concen: 0.368 ug/L
 RT: 1.589 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU063739.D
 Acq: 19 Nov 2025 09:52

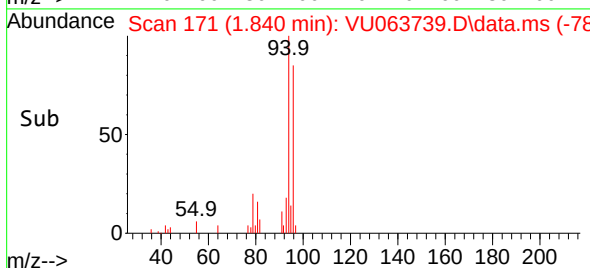
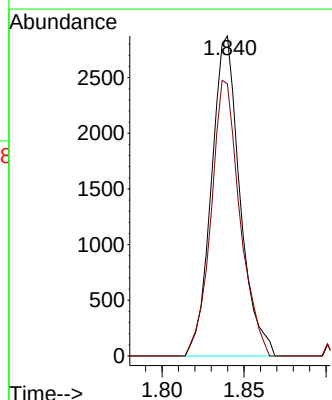
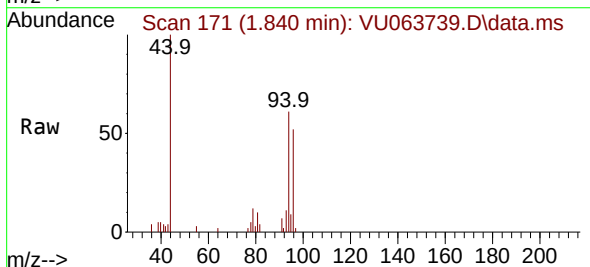
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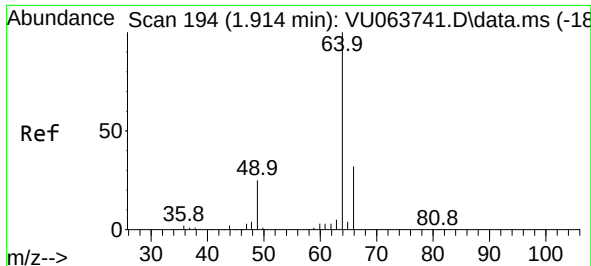
Tgt Ion: 62 Resp: 5519
 Ion Ratio Lower Upper
 62 100
 64 32.3 23.5 43.7



#6
 Bromomethane
 Concen: 0.385 ug/L
 RT: 1.840 min Scan# 171
 Delta R.T. 0.000 min
 Lab File: VU063739.D
 Acq: 19 Nov 2025 09:52

Tgt Ion: 94 Resp: 3473
 Ion Ratio Lower Upper
 94 100
 96 85.0 62.1 115.3

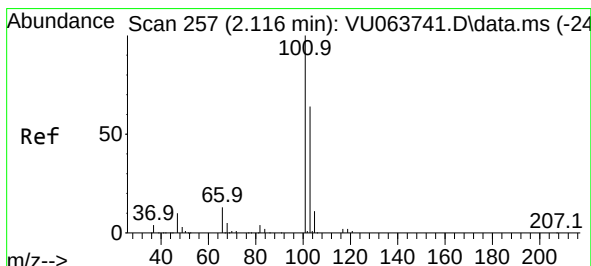
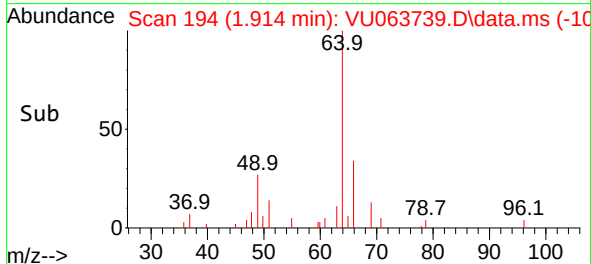
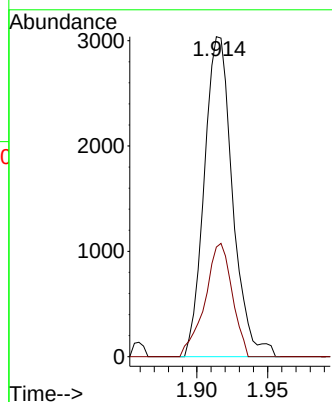
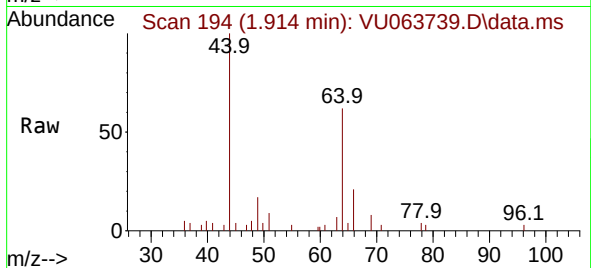




#8
Chloroethane
Concen: 0.441 ug/L
RT: 1.914 min Scan# 194
Delta R.T. 0.000 min
Lab File: VU063739.D
Acq: 19 Nov 2025 09:52

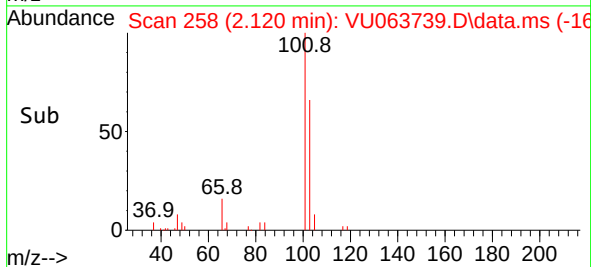
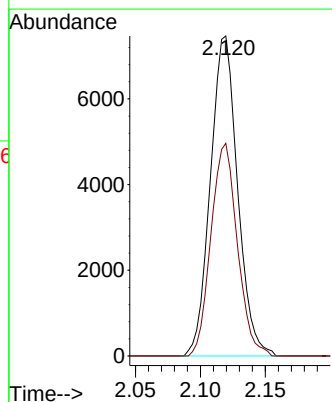
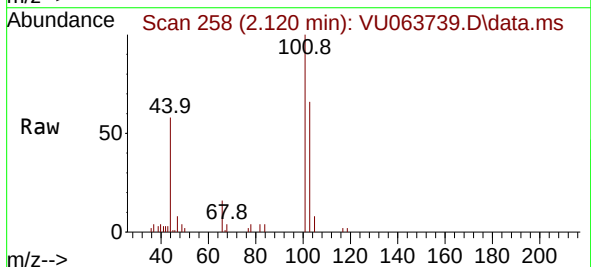
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ClientSampleId :
VSTD0.5027

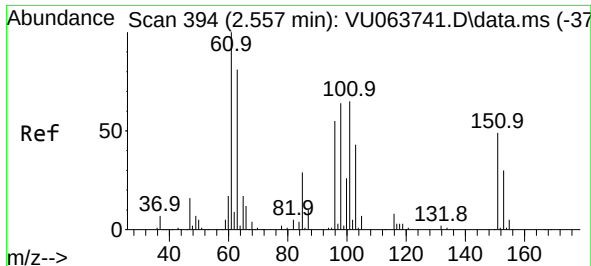
Tgt Ion: 64 Resp: 4218
Ion Ratio Lower Upper
64 100
66 34.2 22.6 42.0



#9
Trichlorofluoromethane
Concen: 0.512 ug/L
RT: 2.120 min Scan# 258
Delta R.T. 0.003 min
Lab File: VU063739.D
Acq: 19 Nov 2025 09:52

Tgt Ion: 101 Resp: 10872
Ion Ratio Lower Upper
101 100
103 64.4 51.0 76.4

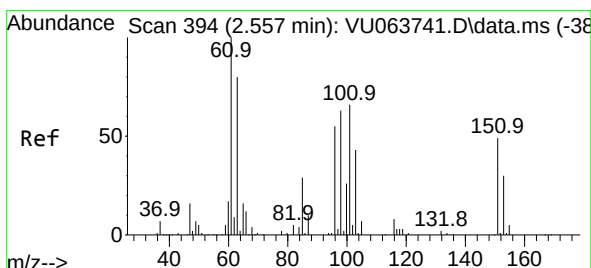
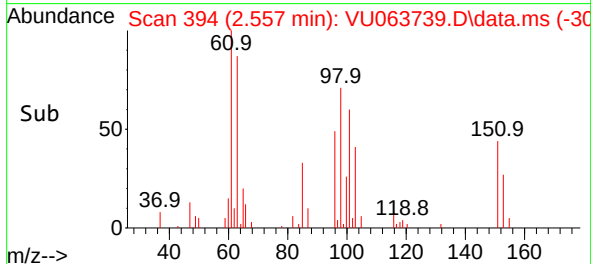
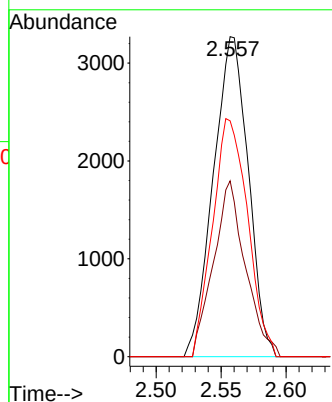
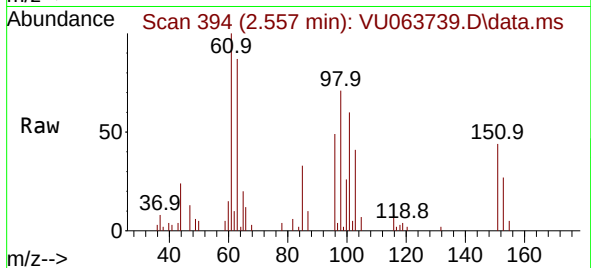




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.497 ug/L
RT: 2.557 min Scan# 394
Delta R.T. 0.000 min
Lab File: VU063739.D
Acq: 19 Nov 2025 09:52

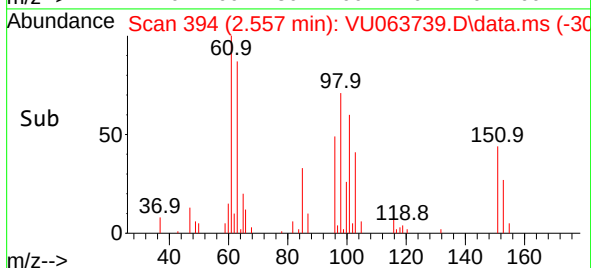
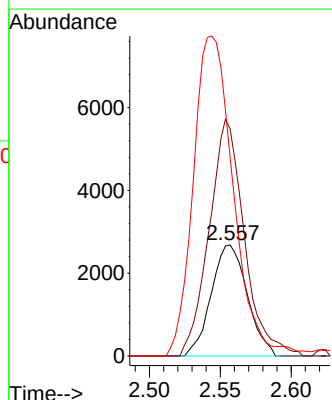
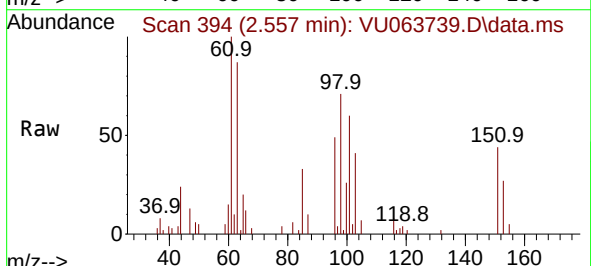
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5027

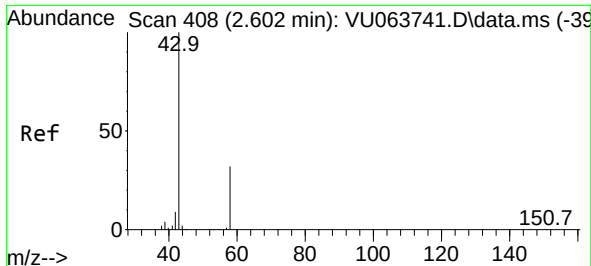
Tgt Ion:101 Resp: 6112
Ion Ratio Lower Upper
101 100
85 50.3 35.7 53.5
151 74.7 58.1 87.1



#12
1,1-Dichloroethene
Concen: 0.431 ug/L
RT: 2.557 min Scan# 394
Delta R.T. 0.000 min
Lab File: VU063739.D
Acq: 19 Nov 2025 09:52

Tgt Ion: 96 Resp: 4737
Ion Ratio Lower Upper
96 100
61 204.6 126.6 235.2
63 178.9 104.2 193.4





#13

Acetone

Concen: 4.834 ug/L

RT: 2.615 min Scan# 41

Delta R.T. 0.013 min

Lab File: VU063739.D

Acq: 19 Nov 2025 09:52

Instrument :

MSVOA_U

ClientSampleId :

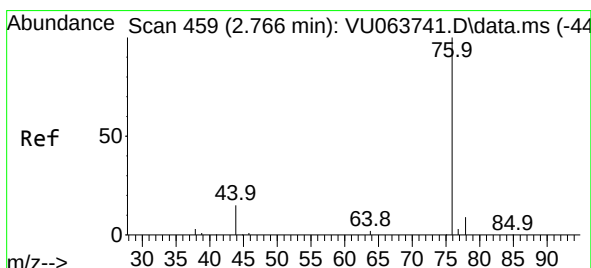
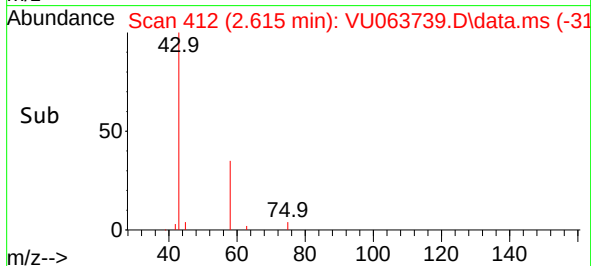
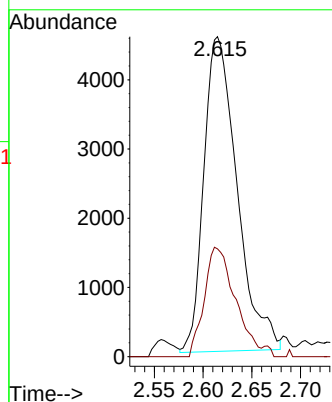
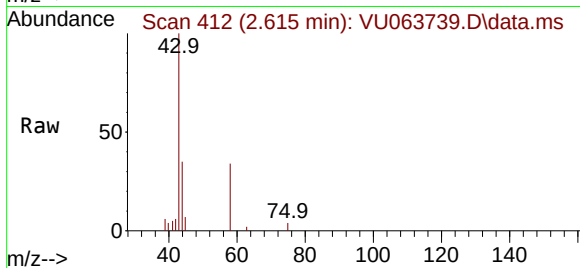
VSTD0.5027

Tgt Ion: 43 Resp: 10775

Ion Ratio Lower Upper

43 100

58 32.2 0.0 64.8



#14

Carbon disulfide

Concen: 0.317 ug/L

RT: 2.769 min Scan# 460

Delta R.T. 0.003 min

Lab File: VU063739.D

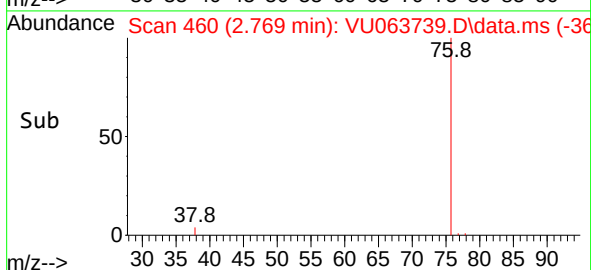
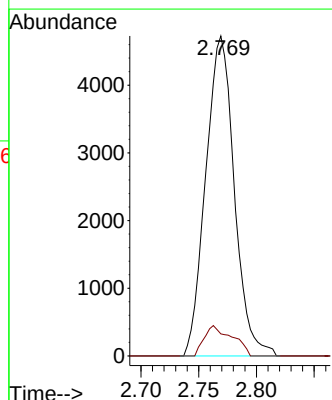
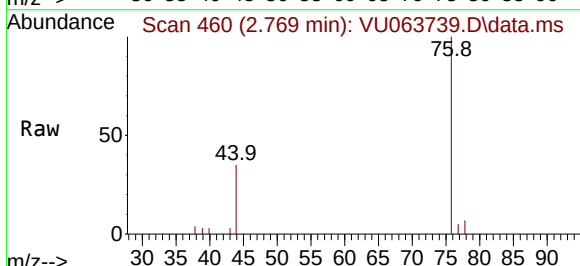
Acq: 19 Nov 2025 09:52

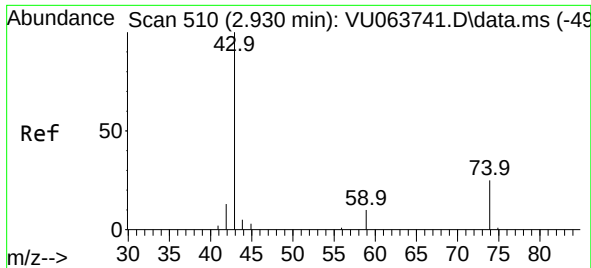
Tgt Ion: 76 Resp: 8141

Ion Ratio Lower Upper

76 100

78 6.9 7.4 11.2#

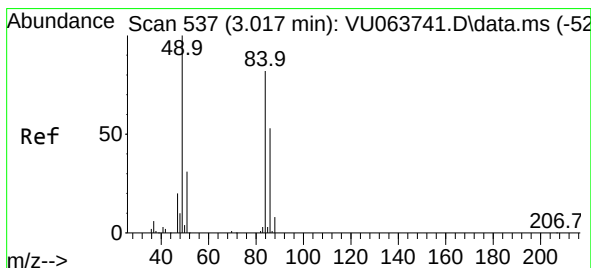
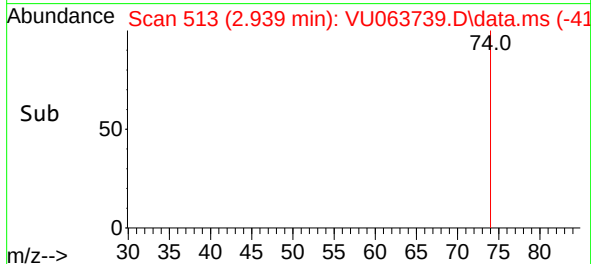
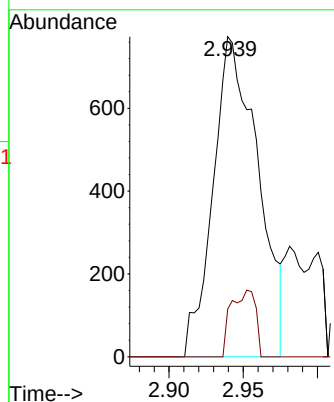
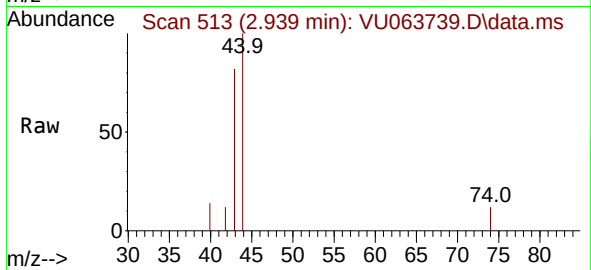




#15
Methyl Acetate
Concen: 0.335 ug/L
RT: 2.939 min Scan# 510
Delta R.T. 0.010 min
Lab File: VU063739.D
Acq: 19 Nov 2025 09:52

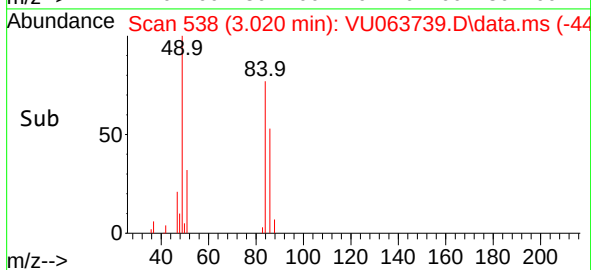
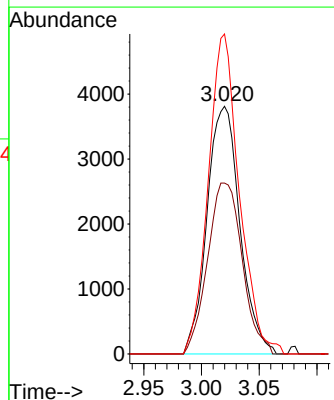
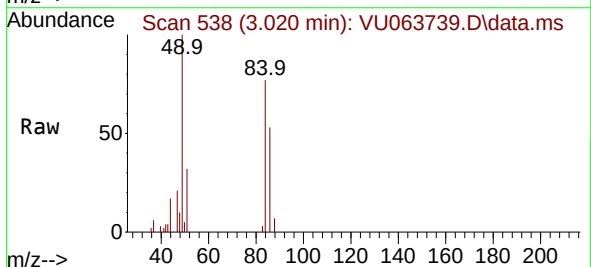
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ClientSampleId :
VSTD0.5027

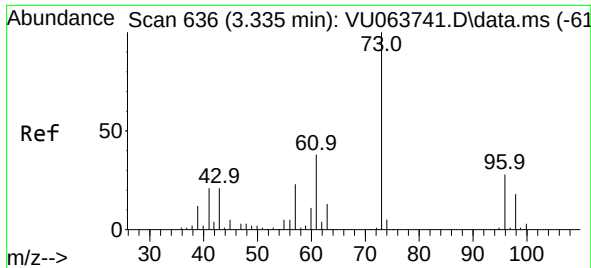
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Ion Ratio Lower Upper
43 100
74 11.4 21.7 32.5#



#16
Methylene chloride
Concen: 0.580 ug/L
RT: 3.020 min Scan# 538
Delta R.T. 0.003 min
Lab File: VU063739.D
Acq: 19 Nov 2025 09:52

Tgt Ion: 84 Resp: 7539
Ion Ratio Lower Upper
84 100
86 69.0 45.1 83.9
49 135.4 85.2 158.2

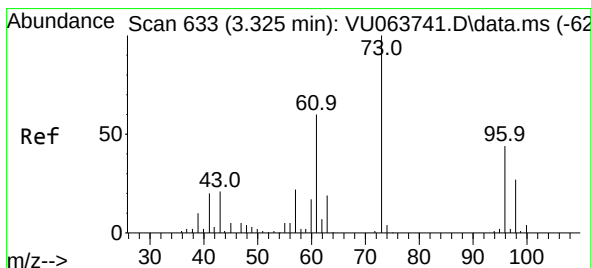
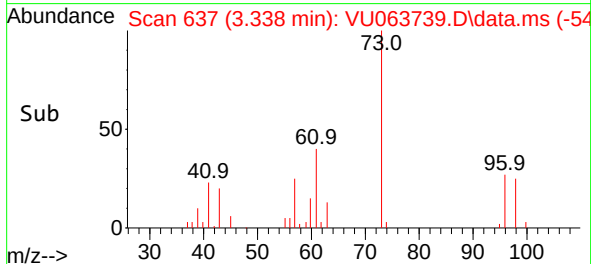
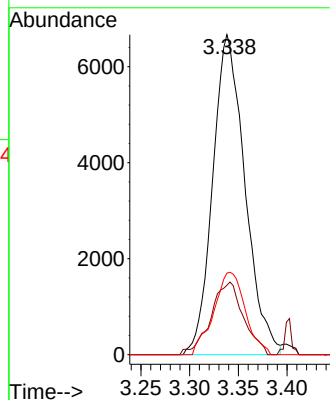
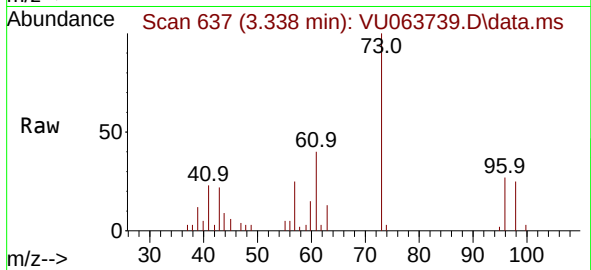




#17
Methyl tert-butyl Ether
Concen: 0.533 ug/L
RT: 3.338 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU063739.D
Acq: 19 Nov 2025 09:52

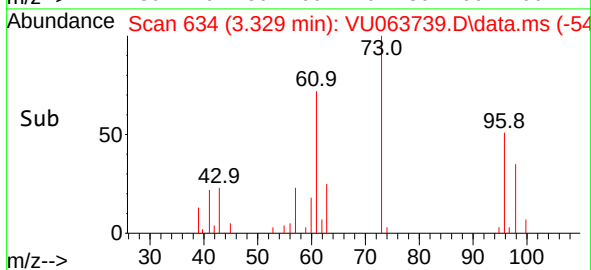
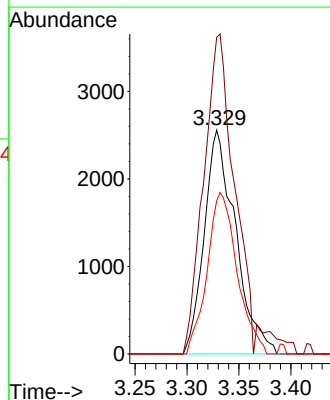
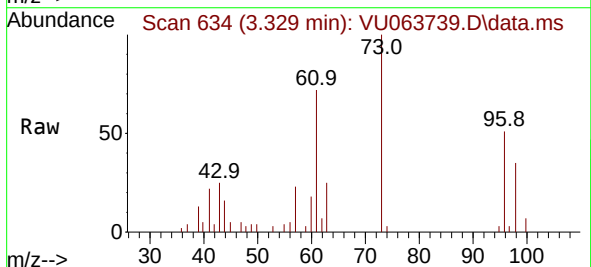
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5027

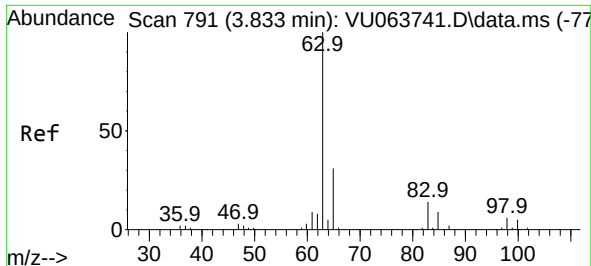
Tgt Ion: 73 Resp: 15324
Ion Ratio Lower Upper
73 100
43 23.0 17.0 25.4
57 25.3 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 0.473 ug/L
RT: 3.329 min Scan# 634
Delta R.T. 0.003 min
Lab File: VU063739.D
Acq: 19 Nov 2025 09:52

Tgt Ion: 96 Resp: 5351
Ion Ratio Lower Upper
96 100
61 134.1 95.8 178.0
98 64.9 43.2 80.2





#19

1,1-Dichloroethane

Concen: 0.514 ug/L

RT: 3.840 min Scan# 791

Delta R.T. 0.007 min

Lab File: VU063739.D

Acq: 19 Nov 2025 09:52

Instrument :

MSVOA_U

ClientSampleId :

VSTD0.5027

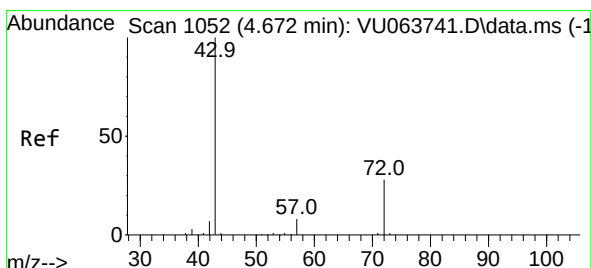
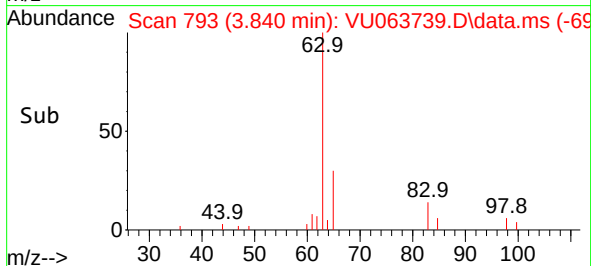
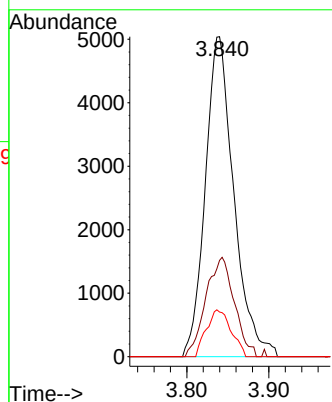
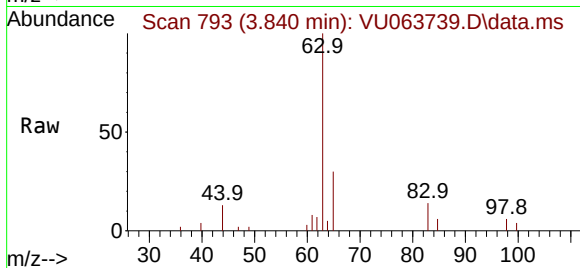
Tgt Ion: 63 Resp: 12192

Ion Ratio Lower Upper

63 100

65 28.6 22.0 40.8

83 13.3 9.9 18.3



#21

2-Butanone

Concen: 2.996 ug/L

RT: 4.721 min Scan# 1067

Delta R.T. 0.048 min

Lab File: VU063739.D

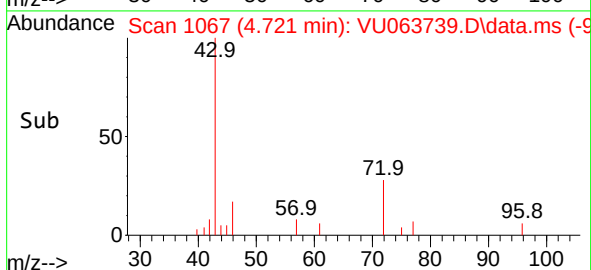
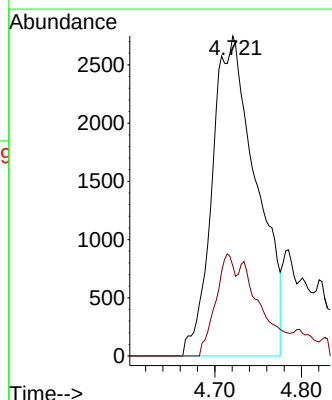
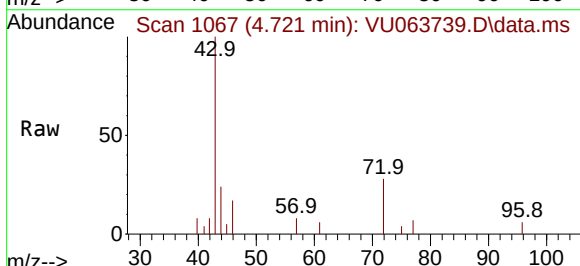
Acq: 19 Nov 2025 09:52

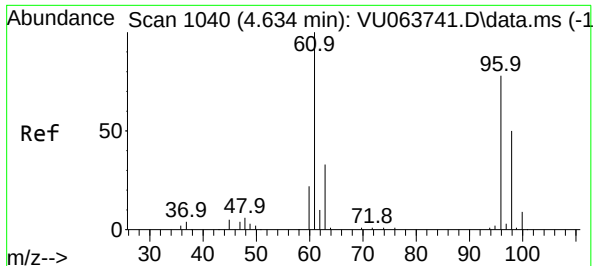
Tgt Ion: 43 Resp: 9725

Ion Ratio Lower Upper

43 100

72 13.8 13.6 40.8

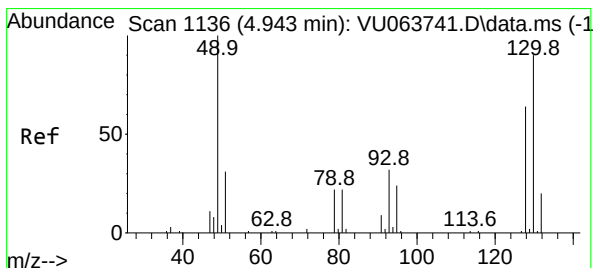
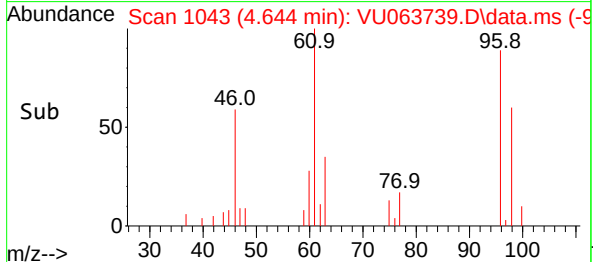
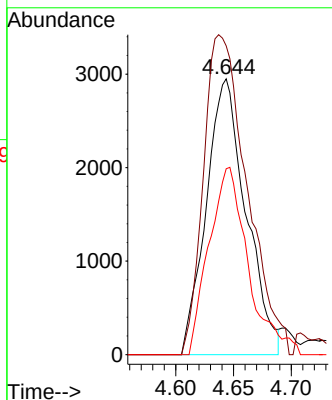
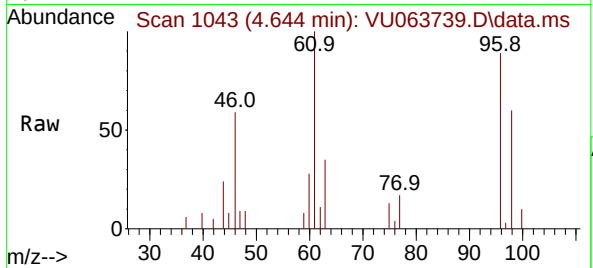




#22
 cis-1,2-Dichloroethene
 Concen: 0.527 ug/L
 RT: 4.644 min Scan# 1040
 Delta R.T. 0.010 min
 Lab File: VU063739.D
 Acq: 19 Nov 2025 09:52

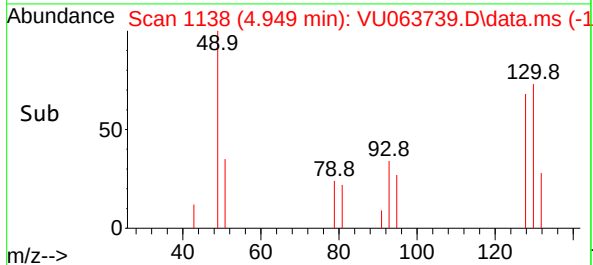
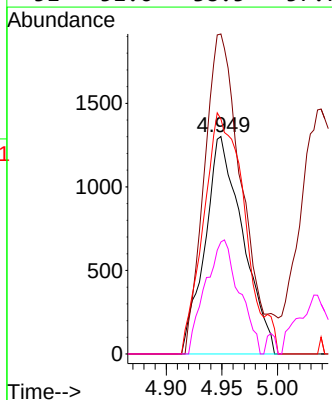
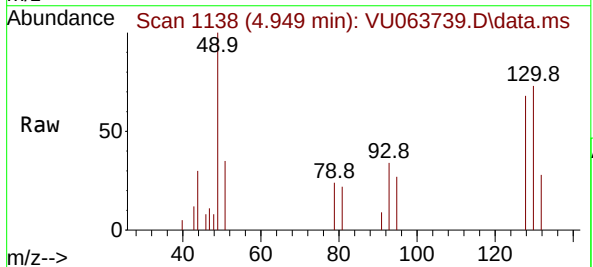
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5027

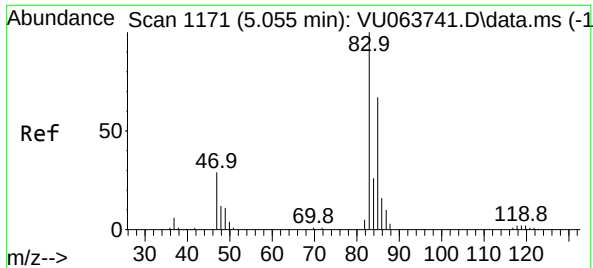
Tgt Ion: 96 Resp: 7066
 Ion Ratio Lower Upper
 96 100
 61 112.0 89.5 166.1
 98 67.4 44.6 82.8



#23
 Bromochloromethane
 Concen: 0.528 ug/L
 RT: 4.949 min Scan# 1138
 Delta R.T. 0.006 min
 Lab File: VU063739.D
 Acq: 19 Nov 2025 09:52

Tgt Ion: 128 Resp: 3065
 Ion Ratio Lower Upper
 128 100
 49 147.2 110.0 204.4
 130 108.1 98.9 183.7
 51 51.6 38.5 57.7





#25

Chloroform

Concen: 0.562 ug/L

RT: 5.058 min Scan# 1171

Delta R.T. 0.003 min

Lab File: VU063739.D

Acq: 19 Nov 2025 09:52

Instrument :

MSVOA_U

ClientSampleId :

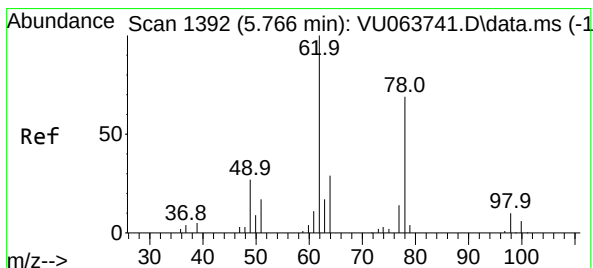
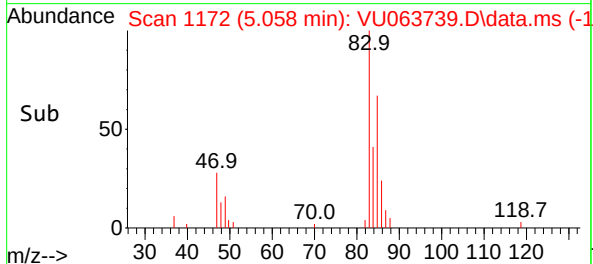
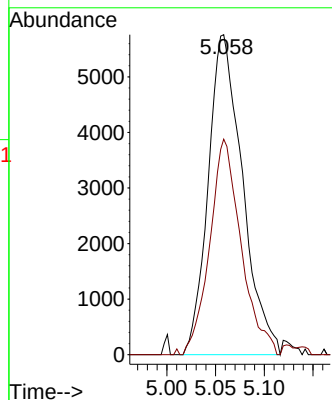
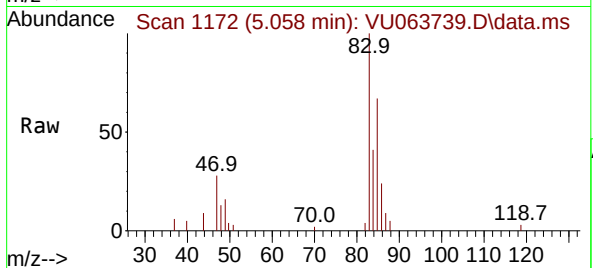
VSTD0.5027

Tgt Ion: 83 Resp: 14086

Ion Ratio Lower Upper

83 100

85 67.3 47.3 87.9



#27

1,2-Dichloroethane

Concen: 0.497 ug/L

RT: 5.772 min Scan# 1394

Delta R.T. 0.006 min

Lab File: VU063739.D

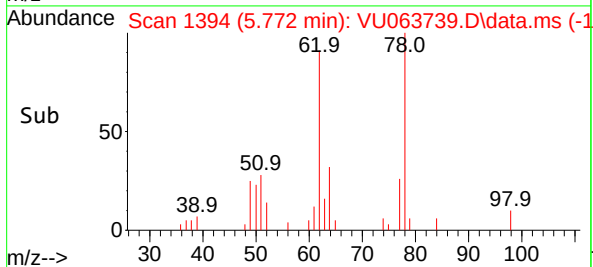
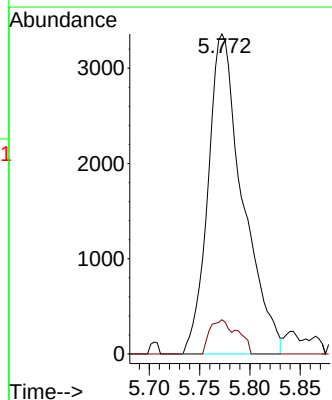
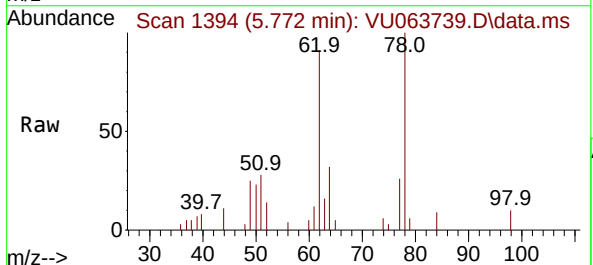
Acq: 19 Nov 2025 09:52

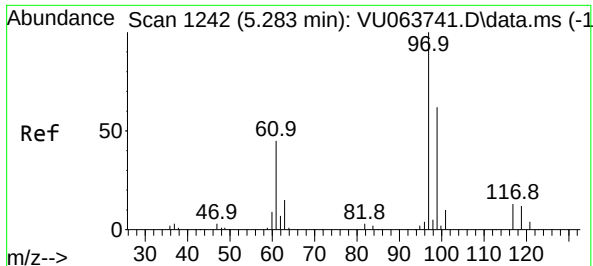
Tgt Ion: 62 Resp: 8055

Ion Ratio Lower Upper

62 100

98 10.7 7.6 11.4

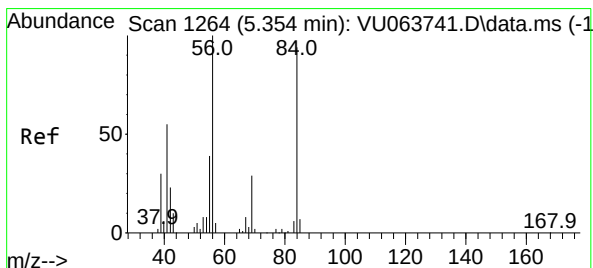
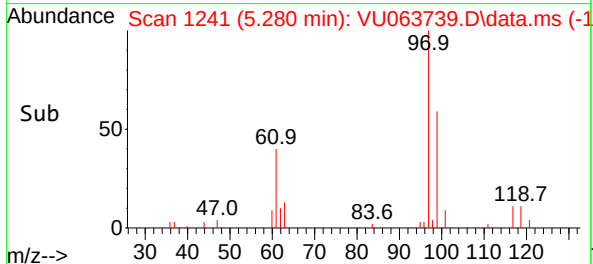
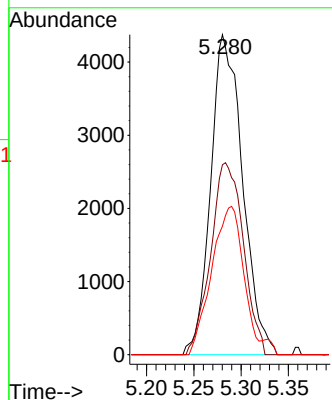
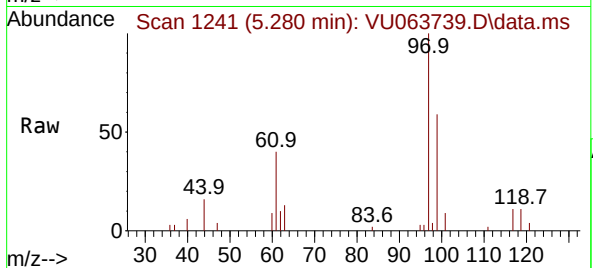




#29
1,1,1-Trichloroethane
Concen: 0.498 ug/L
RT: 5.280 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU063739.D
Acq: 19 Nov 2025 09:52

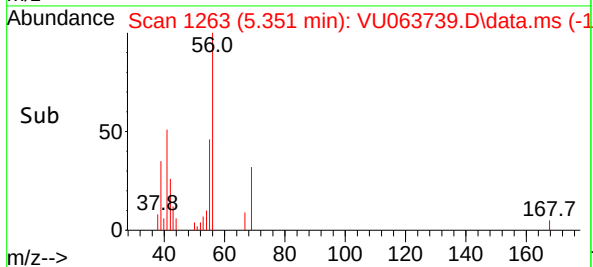
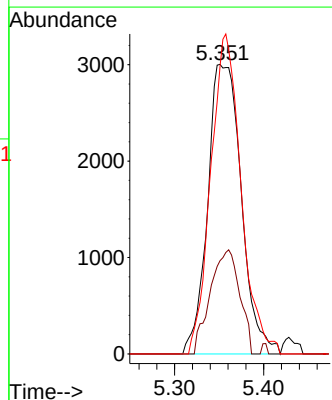
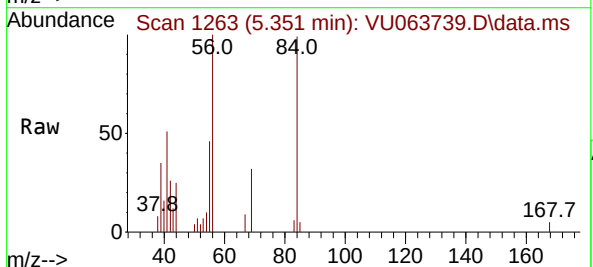
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5027

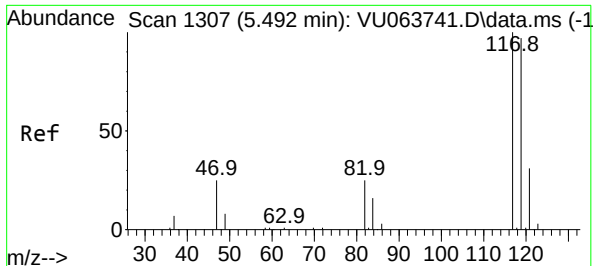
Tgt Ion: 97	Resp: 10249
Ion Ratio	Lower Upper
97 100	
99 61.5	51.4 77.2
61 46.5	37.4 56.2



#30
Cyclohexane
Concen: 0.359 ug/L
RT: 5.351 min Scan# 1263
Delta R.T. -0.003 min
Lab File: VU063739.D
Acq: 19 Nov 2025 09:52

Tgt Ion: 56	Resp: 7869
Ion Ratio	Lower Upper
56 100	
69 31.4	24.3 36.5
84 99.5	72.0 108.0

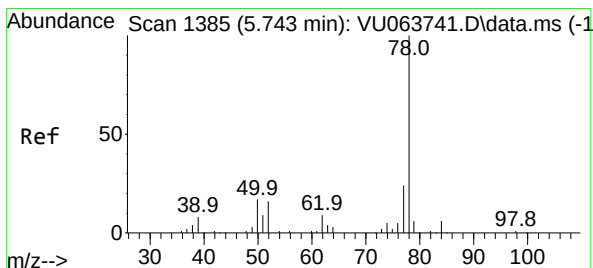
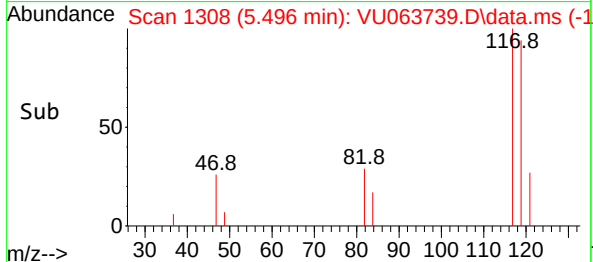
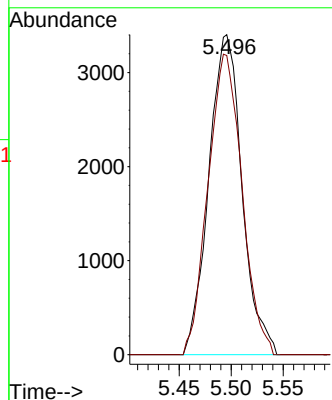
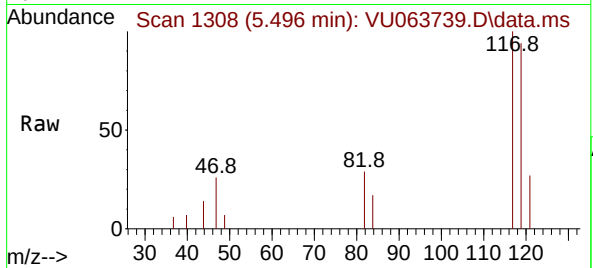




#31
Carbon tetrachloride
Concen: 0.474 ug/L
RT: 5.496 min Scan# 117
Delta R.T. 0.003 min
Lab File: VU063739.D
Acq: 19 Nov 2025 09:52

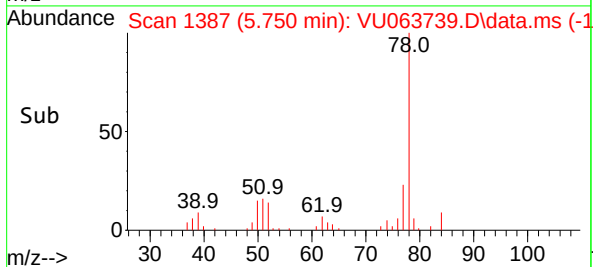
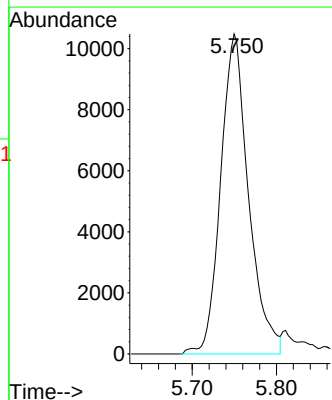
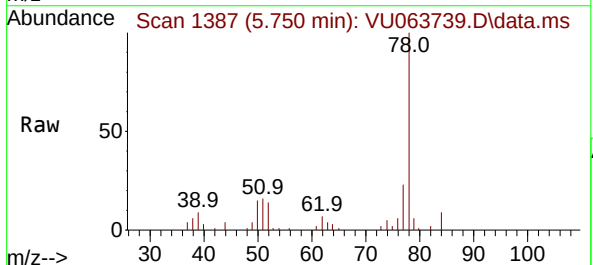
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5027

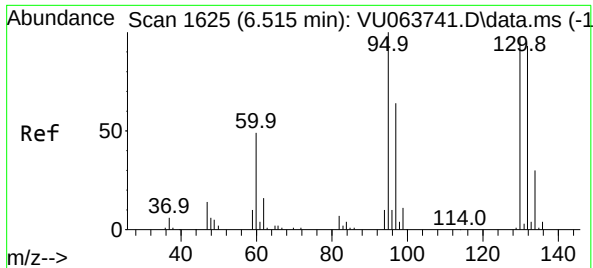
Tgt Ion:117 Resp: 7561
Ion Ratio Lower Upper
117 100
119 96.0 77.0 115.4



#33
Benzene
Concen: 0.449 ug/L
RT: 5.750 min Scan# 1387
Delta R.T. 0.006 min
Lab File: VU063739.D
Acq: 19 Nov 2025 09:52

Tgt Ion: 78 Resp: 24067



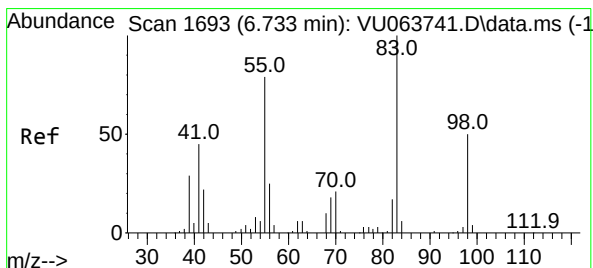
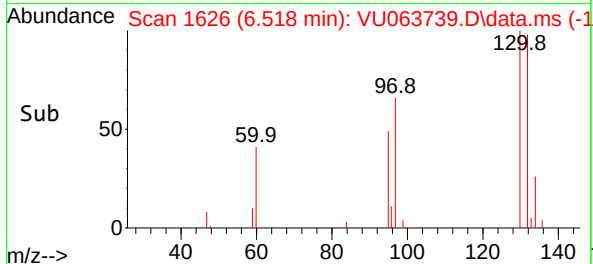
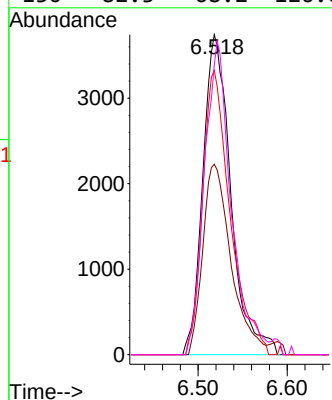
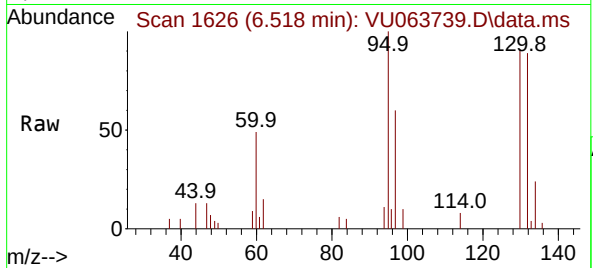


#34
Trichloroethene
Concen: 0.548 ug/L
RT: 6.518 min Scan# 1626
Delta R.T. 0.003 min
Lab File: VU063739.D
Acq: 19 Nov 2025 09:52

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5027

Tgt Ion: 95 Resp: 8162

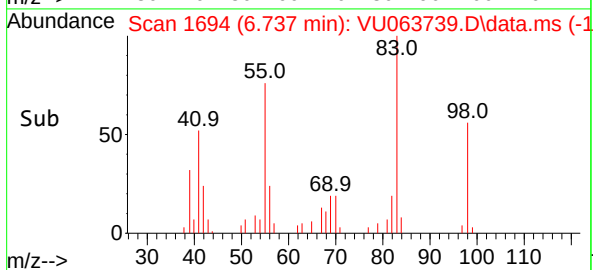
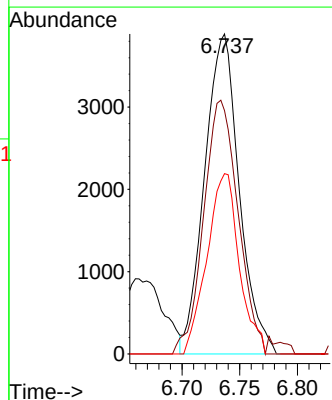
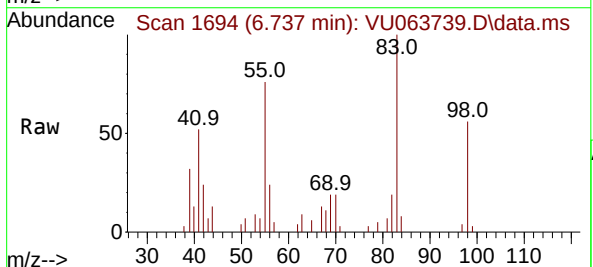
Ion	Ratio	Lower	Upper
95	100		
97	54.1	44.9	83.5
132	80.7	65.4	121.4
130	82.3	68.2	126.6

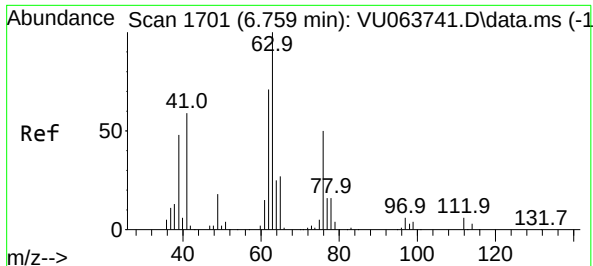


#35
Methylcyclohexane
Concen: 0.374 ug/L
RT: 6.737 min Scan# 1694
Delta R.T. 0.003 min
Lab File: VU063739.D
Acq: 19 Nov 2025 09:52

Tgt Ion: 83 Resp: 8101

Ion	Ratio	Lower	Upper
83	100		
55	79.0	62.5	93.7
98	52.5	40.3	60.5





#37

1,2-Dichloropropane

Concen: 0.500 ug/L

RT: 6.759 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU063739.D

Acq: 19 Nov 2025 09:52

Instrument :

MSVOA_U

ClientSampleId :

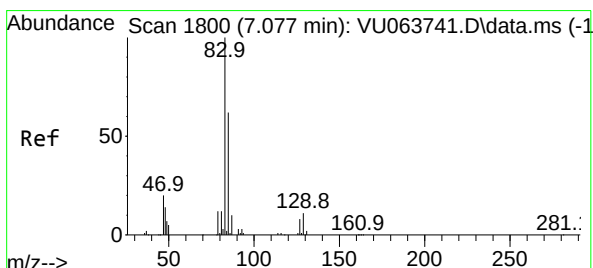
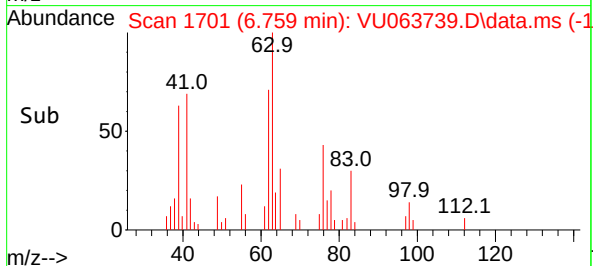
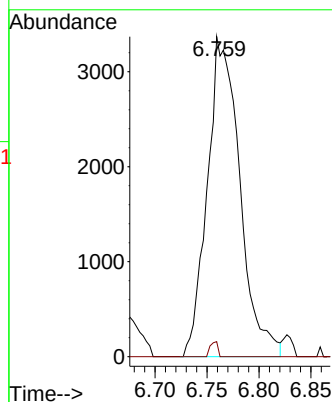
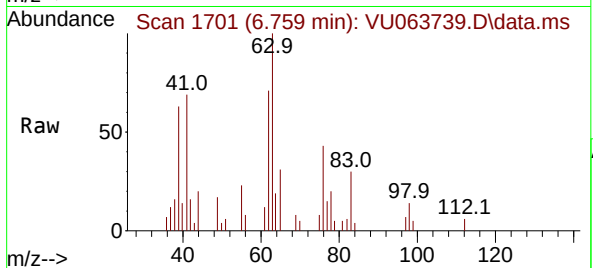
VSTD0.5027

Tgt Ion: 63 Resp: 7323

Ion Ratio Lower Upper

63 100

112 1.1 3.8 5.8#



#38

Bromodichloromethane

Concen: 0.523 ug/L

RT: 7.081 min Scan# 1801

Delta R.T. 0.003 min

Lab File: VU063739.D

Acq: 19 Nov 2025 09:52

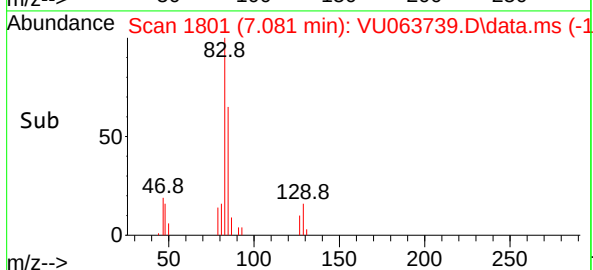
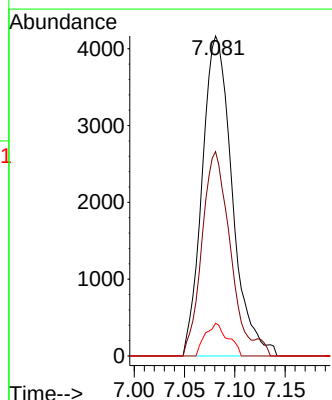
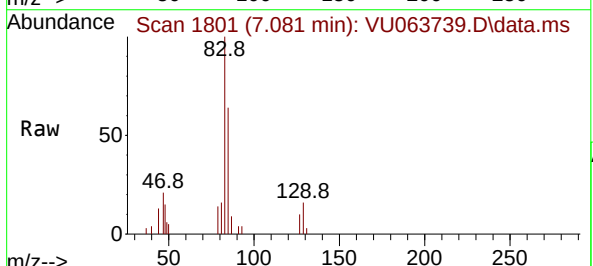
Tgt Ion: 83 Resp: 8647

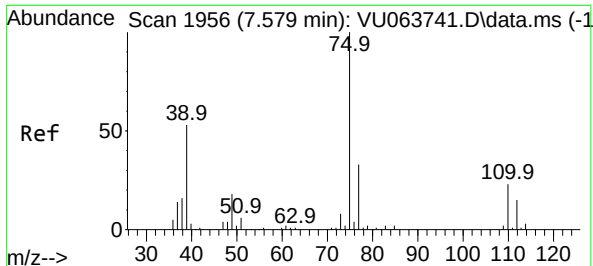
Ion Ratio Lower Upper

83 100

85 63.9 43.7 81.1

127 10.2 6.7 10.1#





#39

cis-1,3-Dichloropropene

Concen: 0.476 ug/L

RT: 7.589 min Scan# 1956

Delta R.T. 0.010 min

Lab File: VU063739.D

Acq: 19 Nov 2025 09:52

Instrument :

MSVOA_U

ClientSampleId :

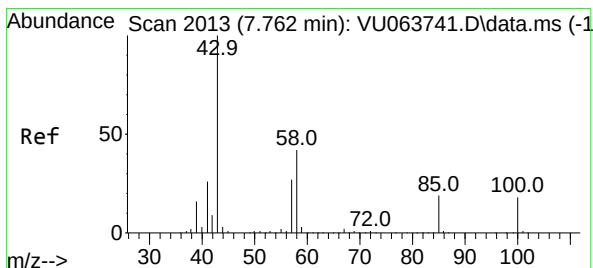
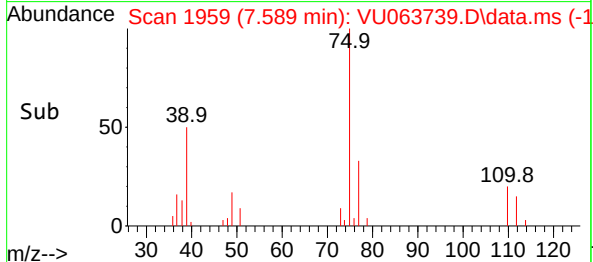
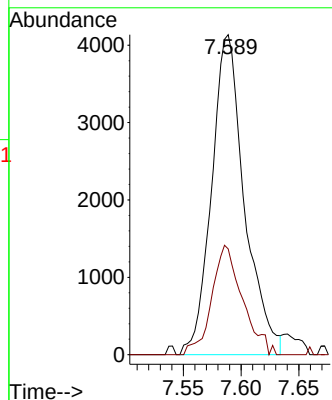
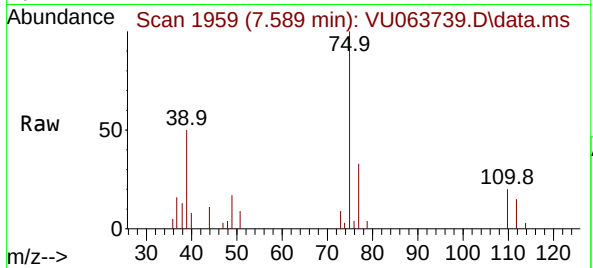
VSTD0.5027

Tgt Ion: 75 Resp: 8196

Ion Ratio Lower Upper

75 100

77 33.1 23.4 43.4



#40

4-Methyl-2-pentanone

Concen: 3.929 ug/L

RT: 7.772 min Scan# 2016

Delta R.T. 0.010 min

Lab File: VU063739.D

Acq: 19 Nov 2025 09:52

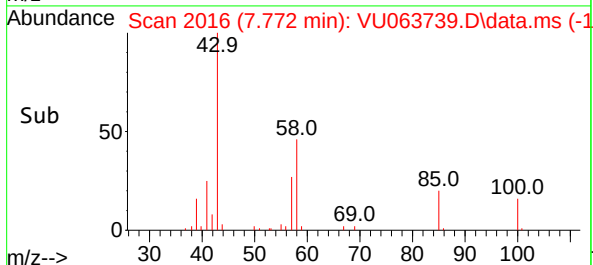
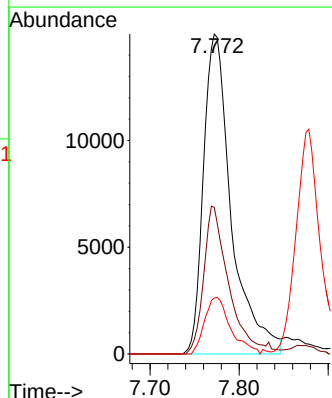
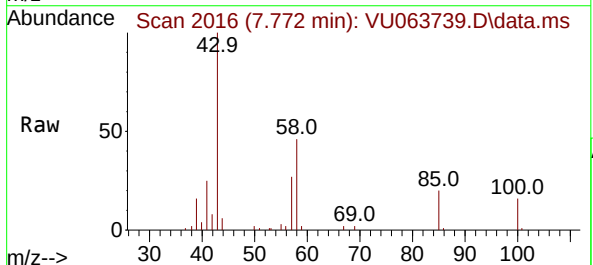
Tgt Ion: 43 Resp: 32585

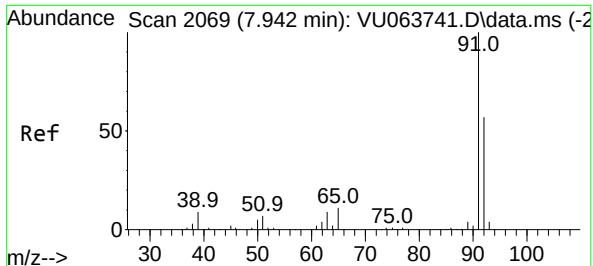
Ion Ratio Lower Upper

43 100

58 41.7 32.6 49.0

100 16.4 13.9 20.9





#42

Toluene

Concen: 0.444 ug/L

RT: 7.946 min Scan# 2069

Delta R.T. 0.003 min

Lab File: VU063739.D

Acq: 19 Nov 2025 09:52

Instrument :

MSVOA_U

ClientSampleId :

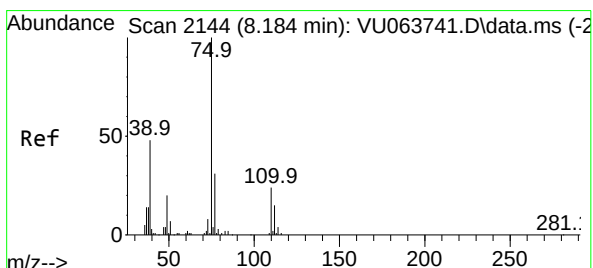
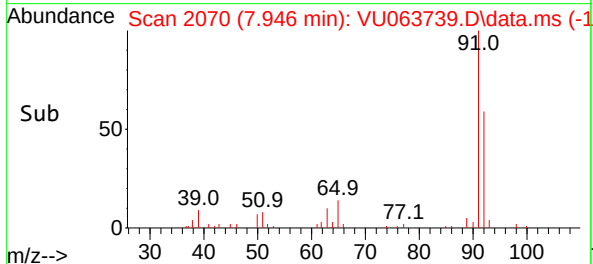
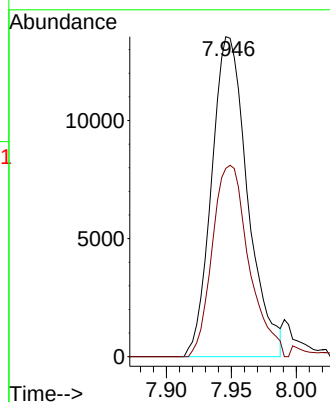
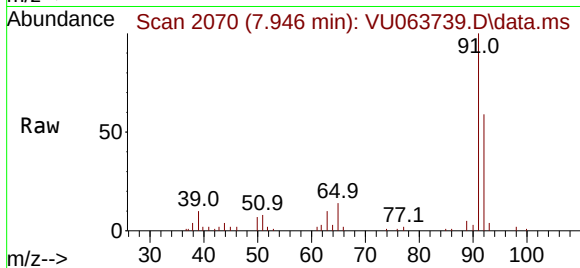
VSTD0.5027

Tgt Ion: 91 Resp: 26116

Ion Ratio Lower Upper

91 100

92 58.9 40.0 74.2



#44

trans-1,3-Dichloropropene

Concen: 0.473 ug/L

RT: 8.193 min Scan# 2147

Delta R.T. 0.010 min

Lab File: VU063739.D

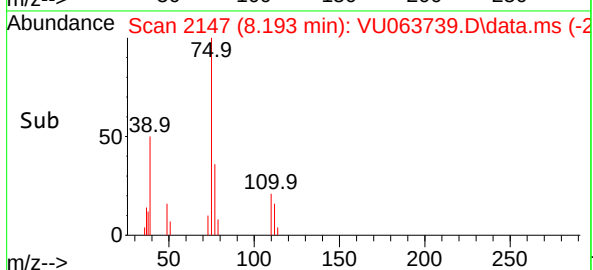
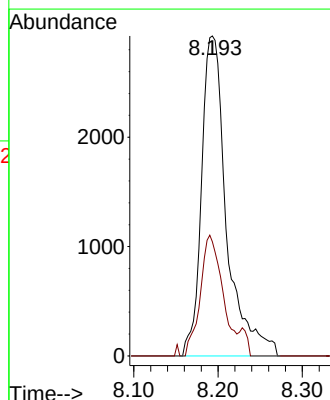
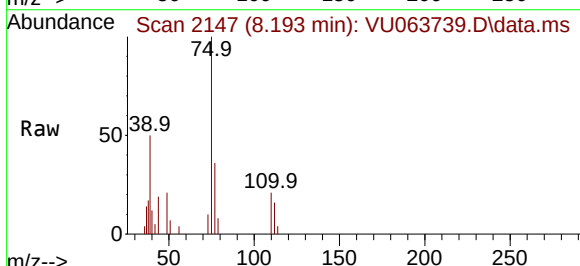
Acq: 19 Nov 2025 09:52

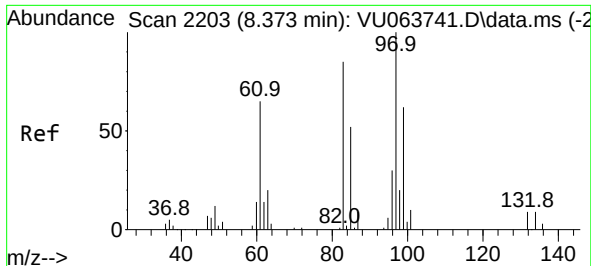
Tgt Ion: 75 Resp: 6073

Ion Ratio Lower Upper

75 100

77 35.7 21.7 40.3

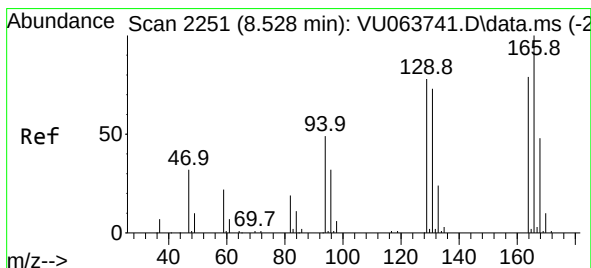
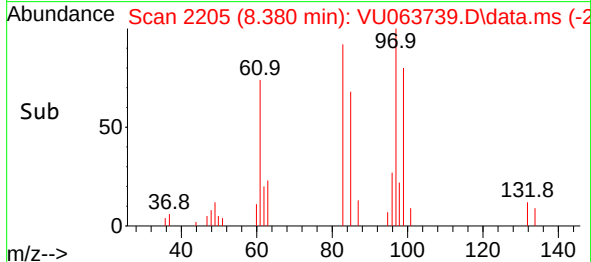
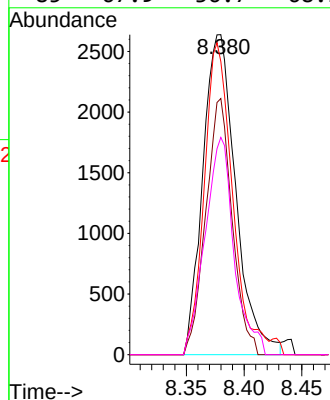
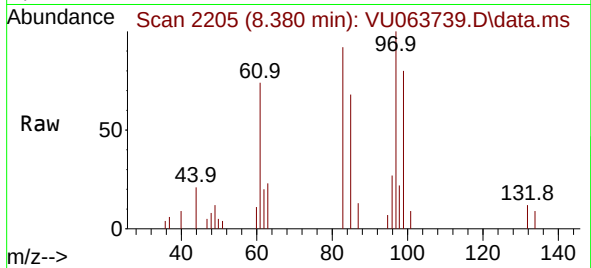




#45
1,1,2-Trichloroethane
Concen: 0.501 ug/L
RT: 8.380 min Scan# 21
Delta R.T. 0.007 min
Lab File: VU063739.D
Acq: 19 Nov 2025 09:52

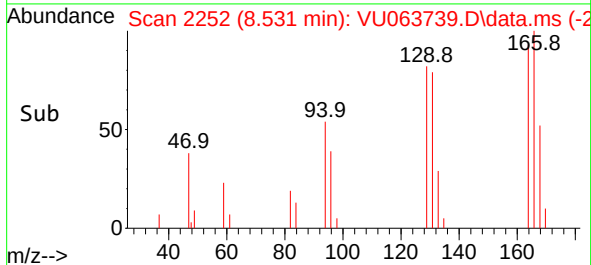
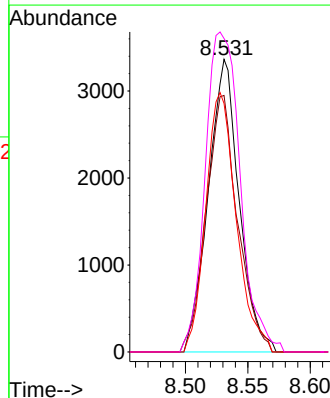
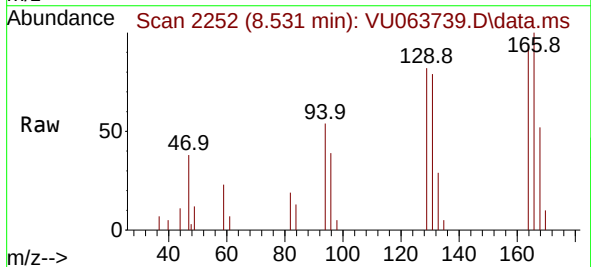
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5027

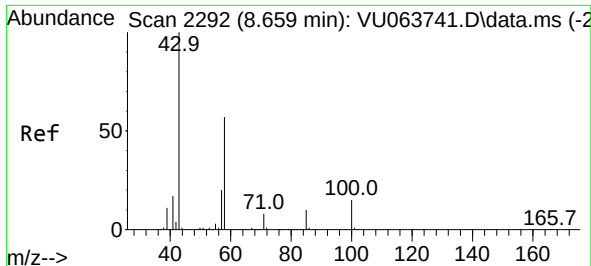
Tgt Ion:	97	Resp:	5230
Ion	Ratio	Lower	Upper
97	100		
99	80.1	43.4	80.6
83	91.6	59.4	110.2
85	67.9	36.7	68.1



#47
Tetrachloroethene
Concen: 0.512 ug/L
RT: 8.531 min Scan# 2252
Delta R.T. 0.003 min
Lab File: VU063739.D
Acq: 19 Nov 2025 09:52

Tgt Ion:	164	Resp:	5820
Ion	Ratio	Lower	Upper
164	100		
129	87.6	69.5	129.1
131	84.9	65.2	121.2
166	107.1	89.0	165.2

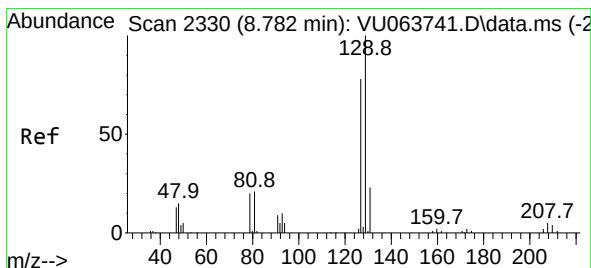
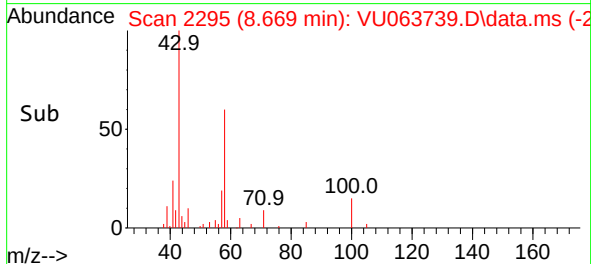
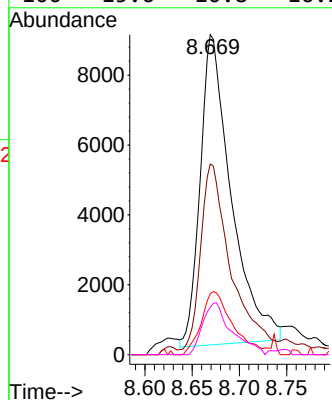
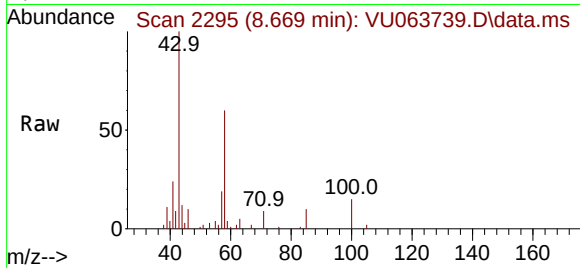




#48
2-Hexanone
Concen: 3.474 ug/L
RT: 8.669 min Scan# 21
Delta R.T. 0.010 min
Lab File: VU063739.D
Acq: 19 Nov 2025 09:52

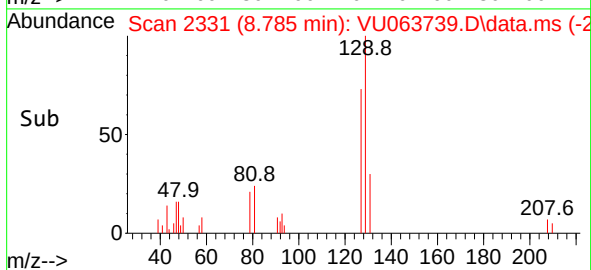
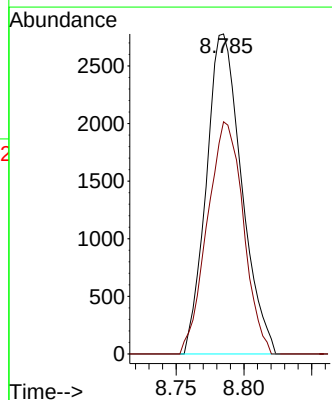
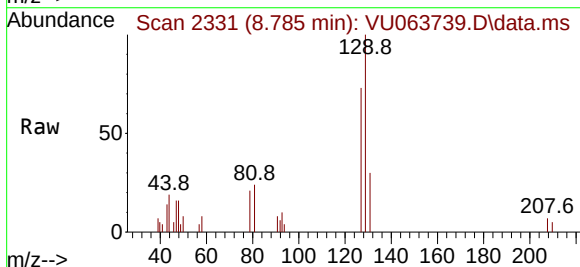
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5027

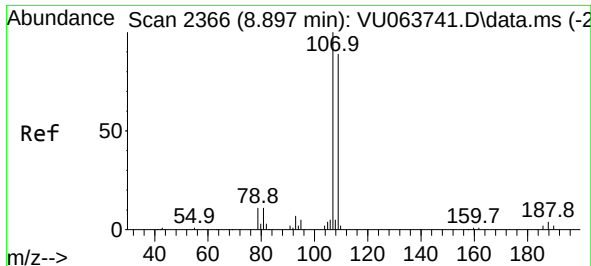
Tgt Ion:	43	Resp:	20281
Ion	Ratio	Lower	Upper
43	100		
58	59.3	43.3	64.9
57	20.6	16.2	24.2
100	15.6	10.8	16.2



#49
Dibromochloromethane
Concen: 0.512 ug/L
RT: 8.785 min Scan# 2331
Delta R.T. 0.003 min
Lab File: VU063739.D
Acq: 19 Nov 2025 09:52

Tgt Ion:	129	Resp:	5033
Ion	Ratio	Lower	Upper
129	100		
127	72.6	54.9	102.1

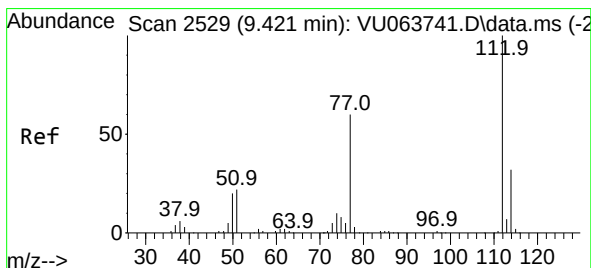
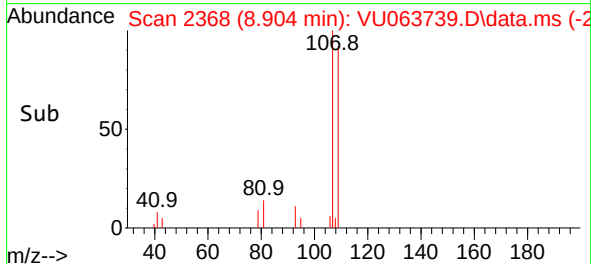
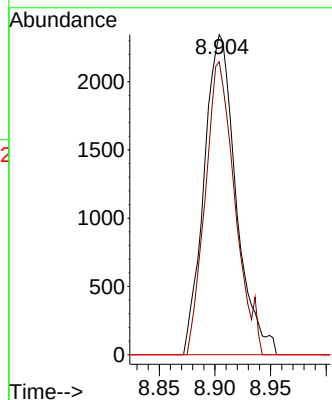
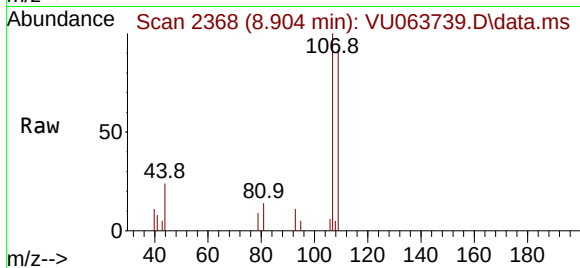




#50
1,2-Dibromoethane
Concen: 0.513 ug/L
RT: 8.904 min Scan# 21
Delta R.T. 0.007 min
Lab File: VU063739.D
Acq: 19 Nov 2025 09:52

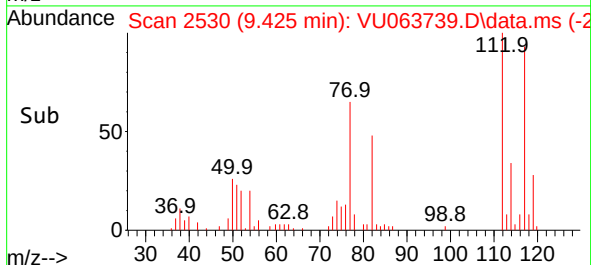
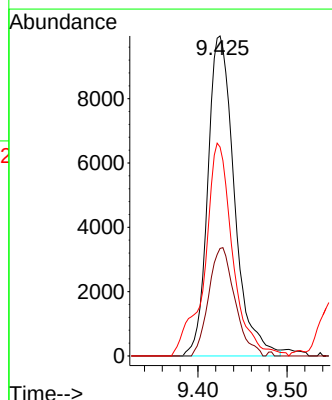
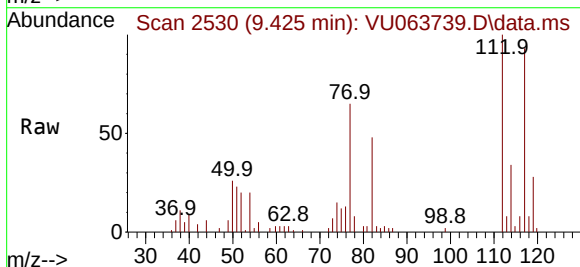
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5027

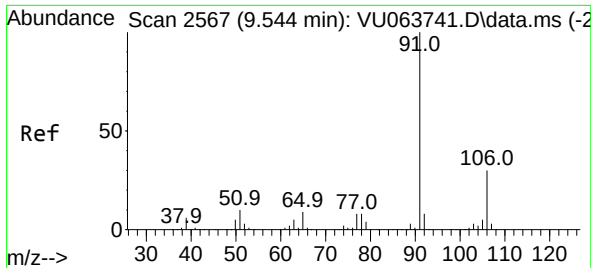
Tgt Ion:107 Resp: 4689
Ion Ratio Lower Upper
107 100
109 91.6 62.6 116.3
188 0.0 2.8 4.2#



#51
Chlorobenzene
Concen: 0.530 ug/L
RT: 9.425 min Scan# 2530
Delta R.T. 0.003 min
Lab File: VU063739.D
Acq: 19 Nov 2025 09:52

Tgt Ion:112 Resp: 20566
Ion Ratio Lower Upper
112 100
114 33.6 22.4 41.6
77 65.3 48.3 72.5

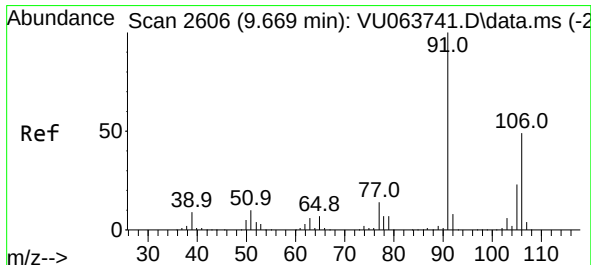
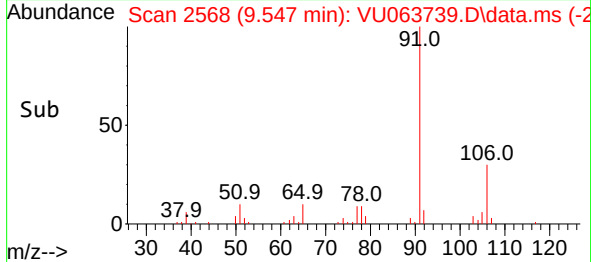
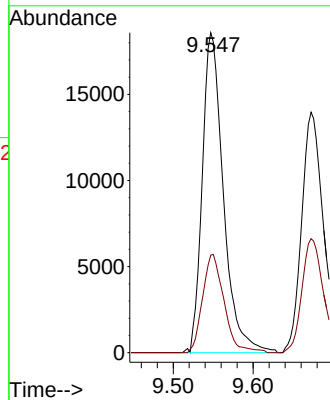
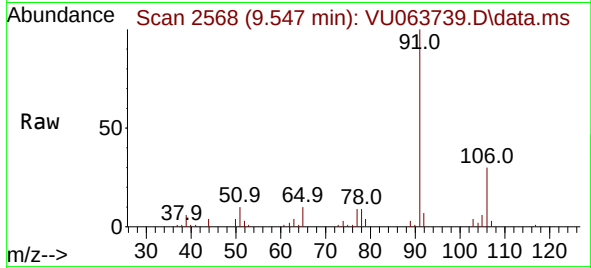




#52
Ethylbenzene
Concen: 0.516 ug/L
RT: 9.547 min Scan# 210
Delta R.T. 0.003 min
Lab File: VU063739.D
Acq: 19 Nov 2025 09:52

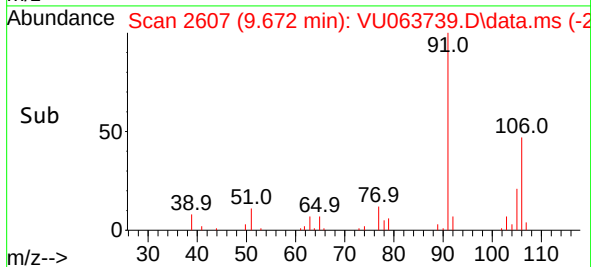
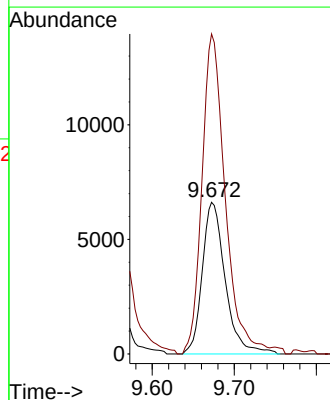
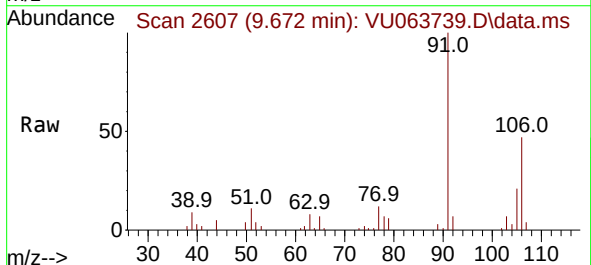
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5027

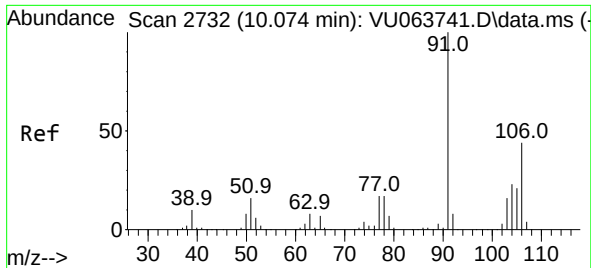
Tgt Ion: 91 Resp: 34134
Ion Ratio Lower Upper
91 100
106 30.5 21.1 39.3



#53
m,p-Xylene
Concen: 0.523 ug/L
RT: 9.672 min Scan# 2607
Delta R.T. 0.003 min
Lab File: VU063739.D
Acq: 19 Nov 2025 09:52

Tgt Ion: 106 Resp: 12885
Ion Ratio Lower Upper
106 100
91 210.9 144.5 268.3

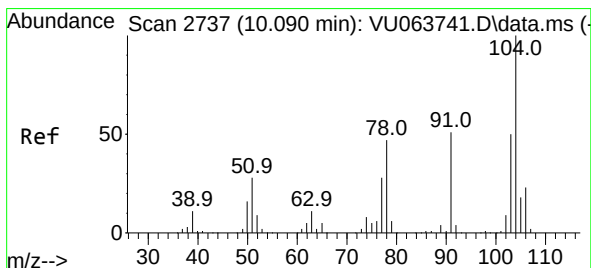
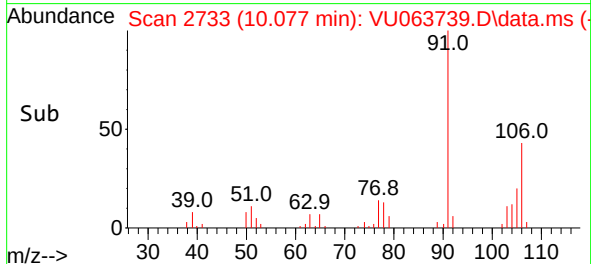
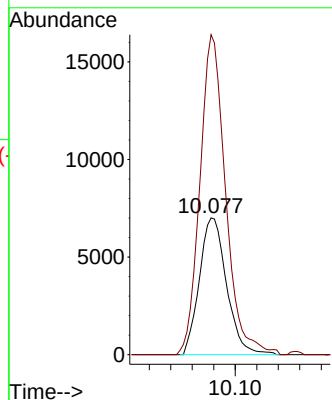
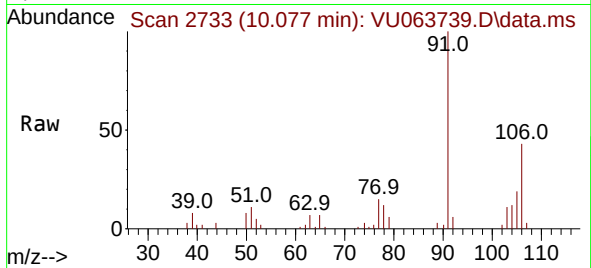




#54
o-Xylene
Concen: 0.513 ug/L
RT: 10.077 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063739.D
Acq: 19 Nov 2025 09:52

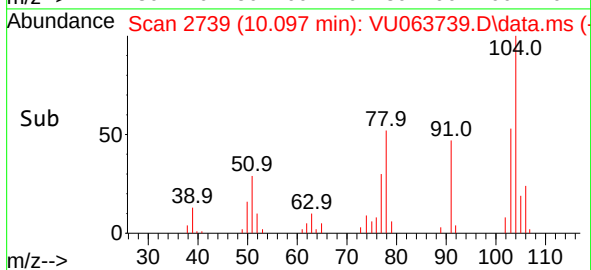
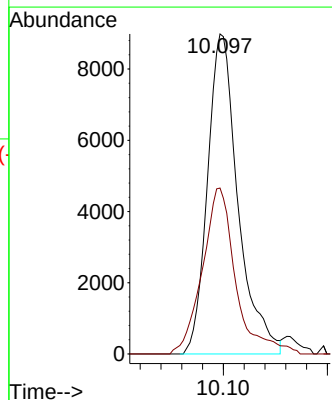
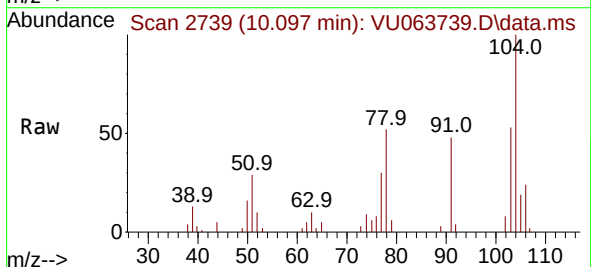
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5027

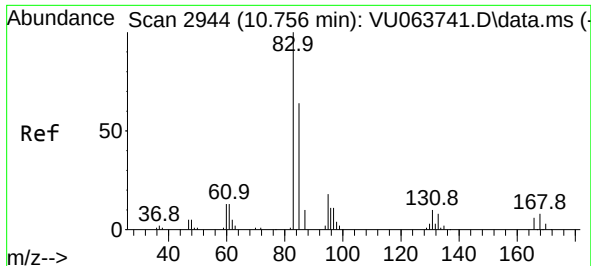
Tgt Ion:106 Resp: 12287
Ion Ratio Lower Upper
106 100
91 233.9 157.4 292.4



#55
Styrene
Concen: 0.462 ug/L
RT: 10.097 min Scan# 2739
Delta R.T. 0.007 min
Lab File: VU063739.D
Acq: 19 Nov 2025 09:52

Tgt Ion:104 Resp: 18315
Ion Ratio Lower Upper
104 100
78 51.9 32.7 60.7





#57

1,1,2,2-Tetrachloroethane

Concen: 0.520 ug/L

RT: 10.759 min Scan# 2945

Delta R.T. 0.003 min

Lab File: VU063739.D

Acq: 19 Nov 2025 09:52

Instrument :

MSVOA_U

ClientSampleId :

VSTD0.5027

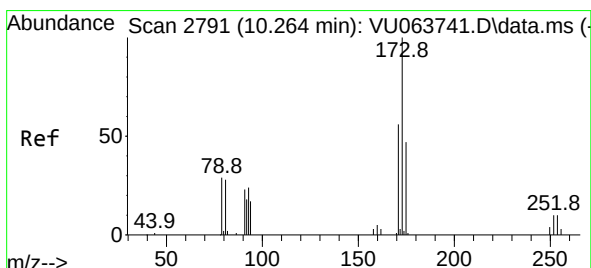
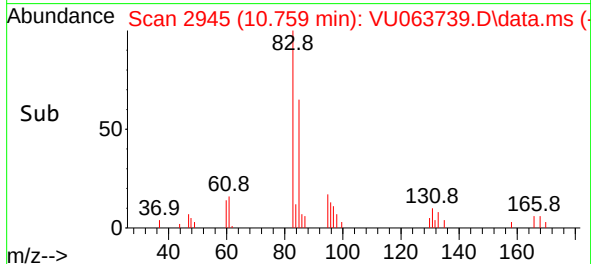
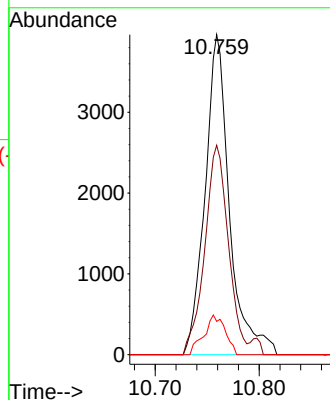
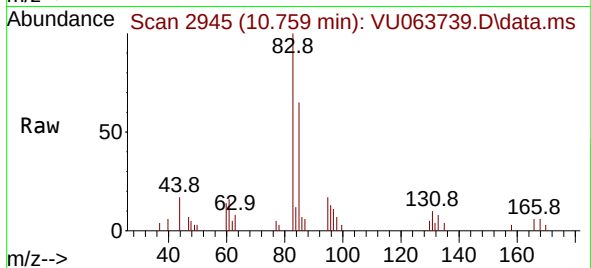
Tgt Ion: 83 Resp: 6450

Ion Ratio Lower Upper

83 100

85 65.5 45.2 84.0

131 10.4 8.4 12.6



#59

Bromoform

Concen: 0.444 ug/L

RT: 10.267 min Scan# 2792

Delta R.T. 0.003 min

Lab File: VU063739.D

Acq: 19 Nov 2025 09:52

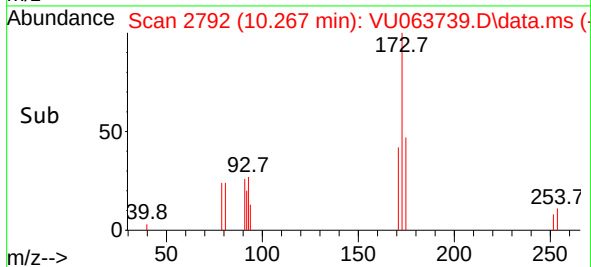
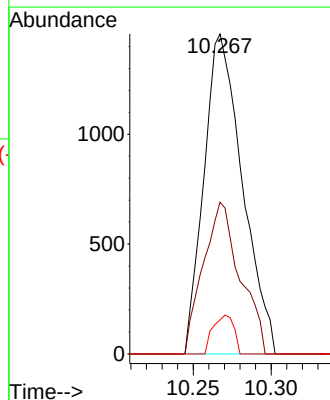
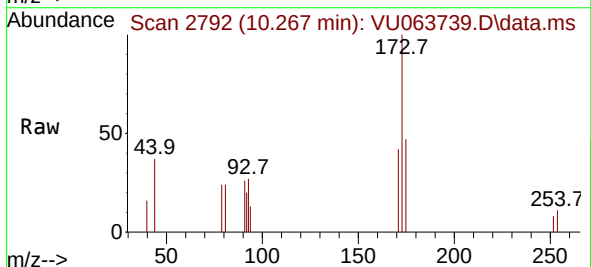
Tgt Ion:173 Resp: 2492

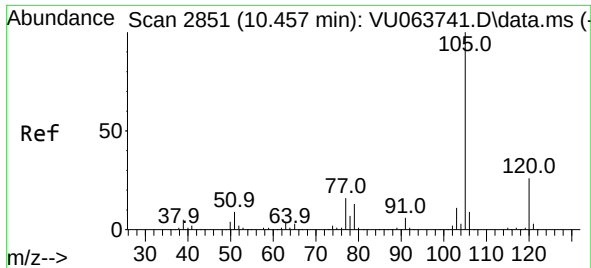
Ion Ratio Lower Upper

173 100

175 45.5 37.8 56.8

254 6.5 7.8 11.8#

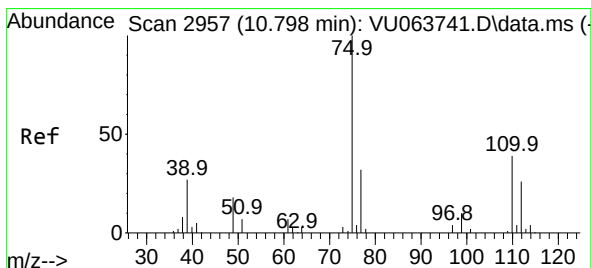
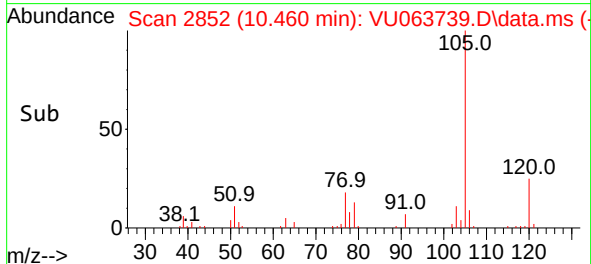
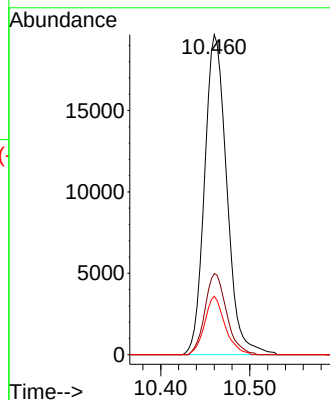
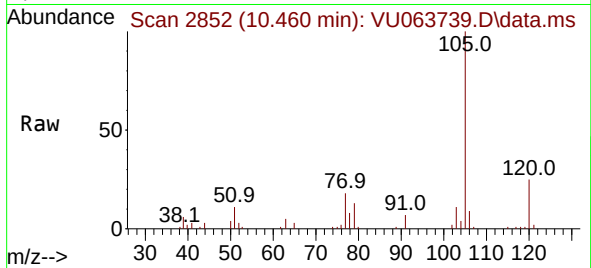




#60
Isopropylbenzene
Concen: 0.466 ug/L
RT: 10.460 min Scan# 2851
Delta R.T. 0.003 min
Lab File: VU063739.D
Acq: 19 Nov 2025 09:52

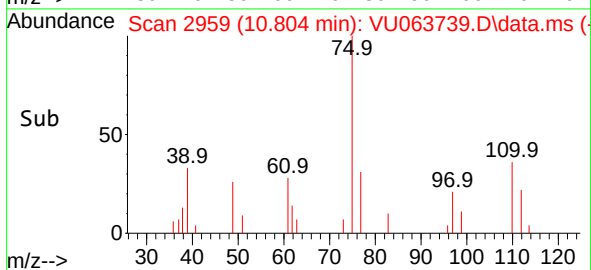
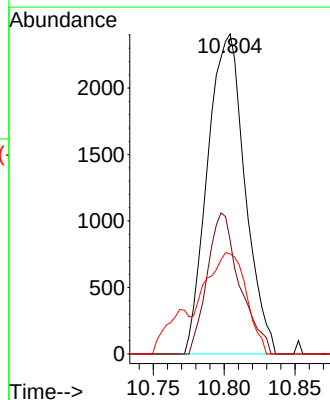
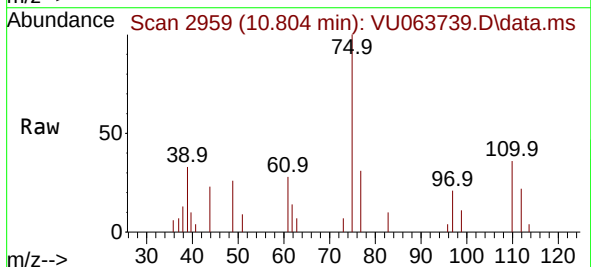
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5027

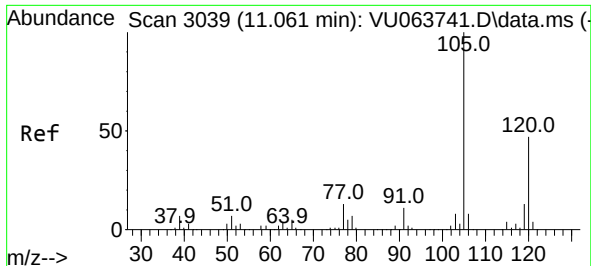
Tgt Ion:105 Resp: 34053
Ion Ratio Lower Upper
105 100
120 24.7 20.6 31.0
77 16.7 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 0.448 ug/L
RT: 10.804 min Scan# 2959
Delta R.T. 0.007 min
Lab File: VU063739.D
Acq: 19 Nov 2025 09:52

Tgt Ion: 75 Resp: 4412
Ion Ratio Lower Upper
75 100
110 38.5 31.2 46.8
77 35.4 26.6 40.0

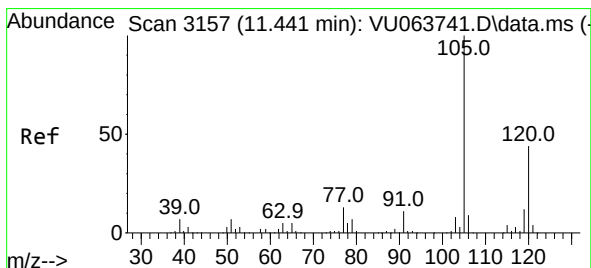
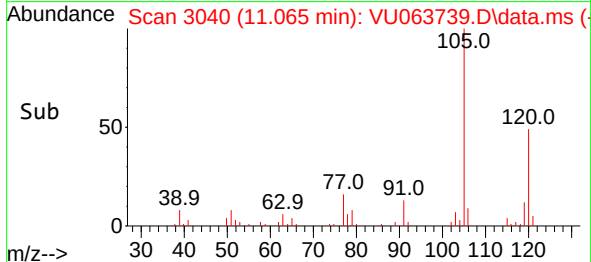
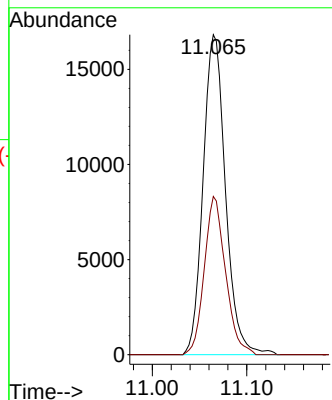
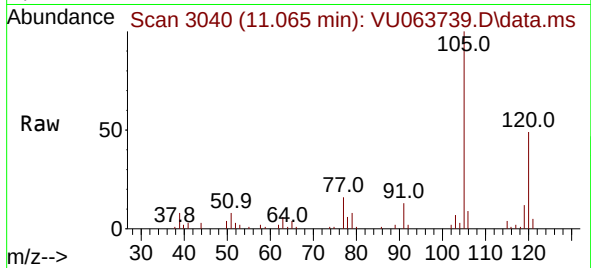




#62
1,3,5-Trimethylbenzene
Concen: 0.464 ug/L
RT: 11.065 min Scan# 3039
Delta R.T. 0.003 min
Lab File: VU063739.D
Acq: 19 Nov 2025 09:52

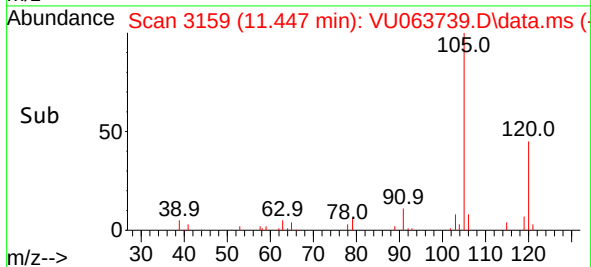
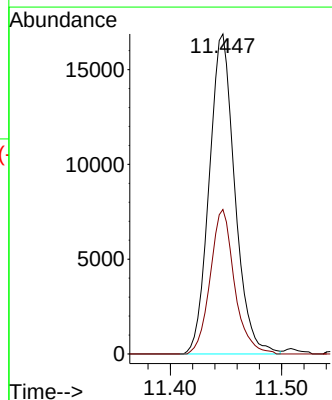
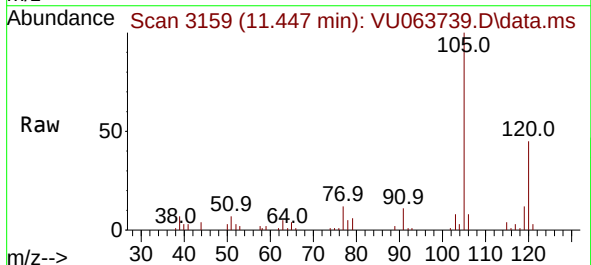
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5027

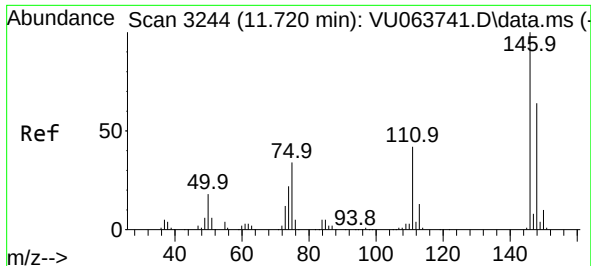
Tgt Ion:105 Resp: 27672
Ion Ratio Lower Upper
105 100
120 47.0 38.2 57.2



#63
1,2,4-Trimethylbenzene
Concen: 0.472 ug/L
RT: 11.447 min Scan# 3159
Delta R.T. 0.006 min
Lab File: VU063739.D
Acq: 19 Nov 2025 09:52

Tgt Ion:105 Resp: 26974
Ion Ratio Lower Upper
105 100
120 42.7 35.1 52.7

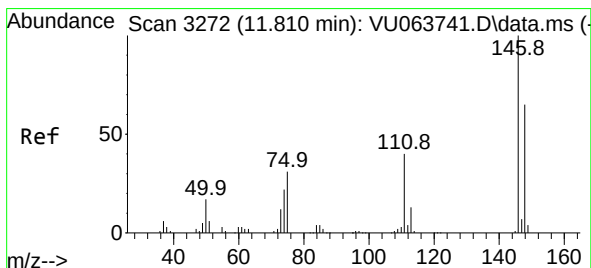
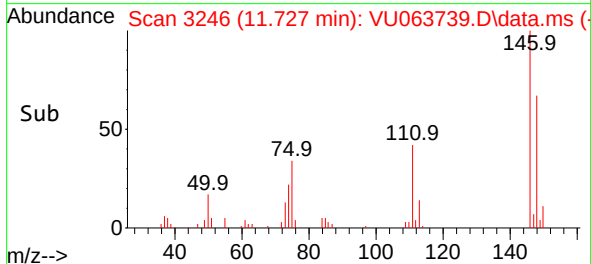
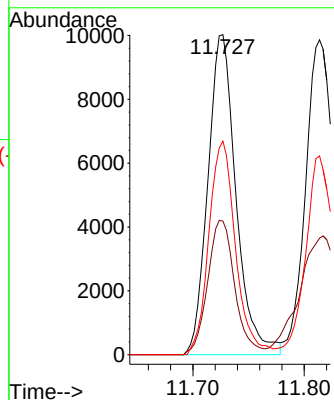
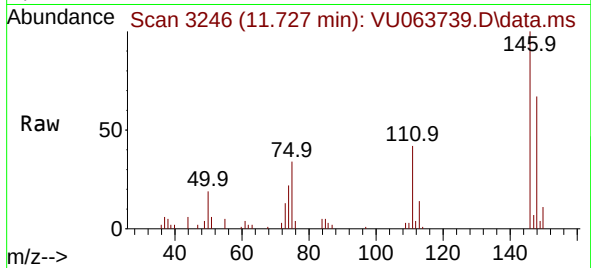




#64
1,3-Dichlorobenzene
Concen: 0.538 ug/L
RT: 11.727 min Scan# 31
Delta R.T. 0.007 min
Lab File: VU063739.D
Acq: 19 Nov 2025 09:52

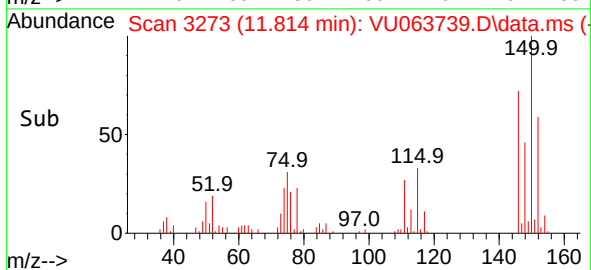
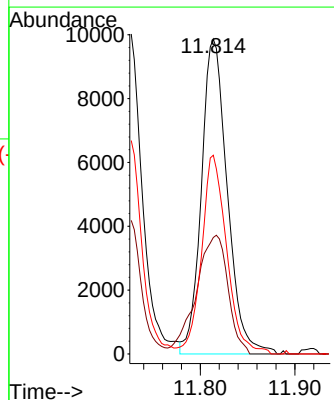
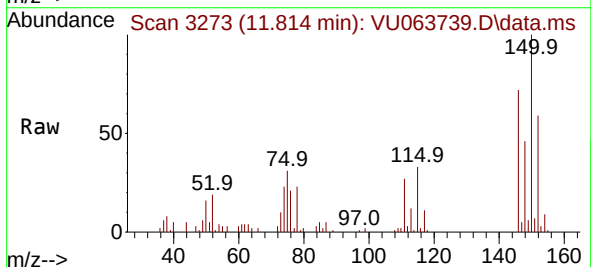
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5027

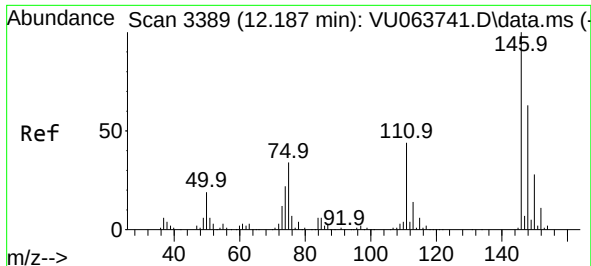
Tgt Ion:146 Resp: 17628
Ion Ratio Lower Upper
146 100
111 41.8 29.5 54.9
148 66.7 44.7 83.1



#65
1,4-Dichlorobenzene
Concen: 0.566 ug/L
RT: 11.814 min Scan# 3273
Delta R.T. 0.003 min
Lab File: VU063739.D
Acq: 19 Nov 2025 09:52

Tgt Ion:146 Resp: 18784
Ion Ratio Lower Upper
146 100
111 37.0 27.9 51.7
148 63.1 45.7 84.9





#67

1,2-Dichlorobenzene

Concen: 0.509 ug/L

RT: 12.190 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU063739.D

Acq: 19 Nov 2025 09:52

Instrument :

MSVOA_U

ClientSampleId :

VSTD0.5027

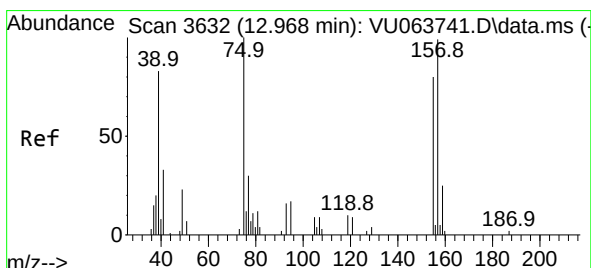
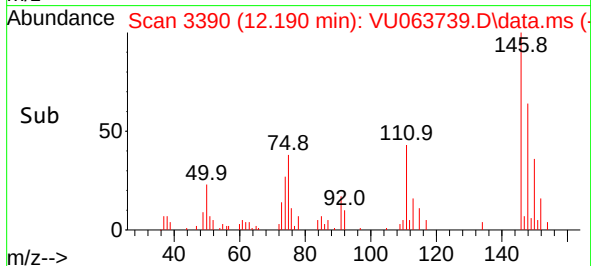
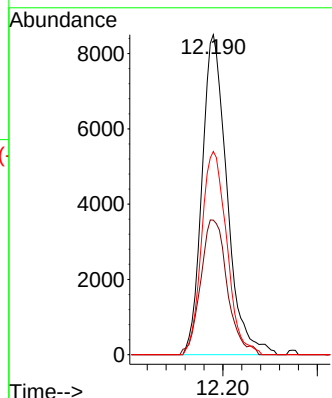
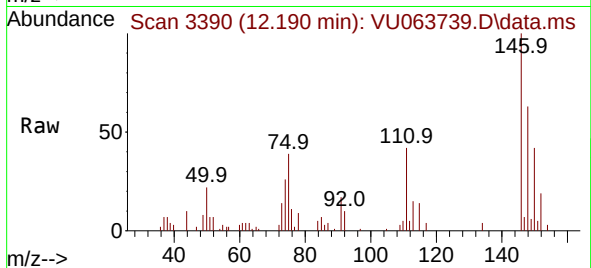
Tgt Ion:146 Resp: 15554

Ion Ratio Lower Upper

146 100

111 42.0 35.0 52.4

148 63.5 50.2 75.2



#68

1,2-Dibromo-3-chloropropane

Concen: 0.397 ug/L

RT: 12.981 min Scan# 3636

Delta R.T. 0.013 min

Lab File: VU063739.D

Acq: 19 Nov 2025 09:52

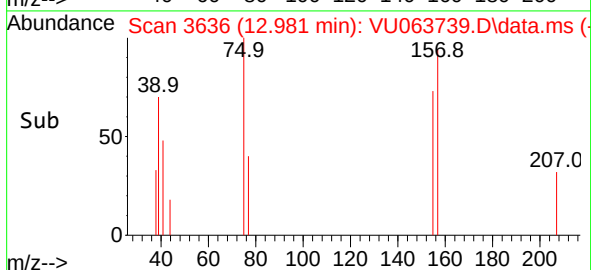
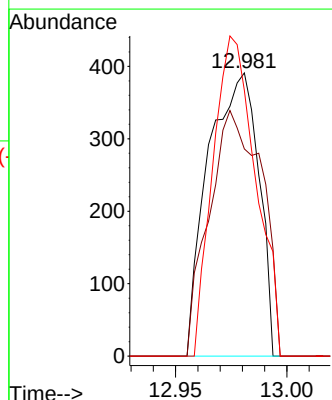
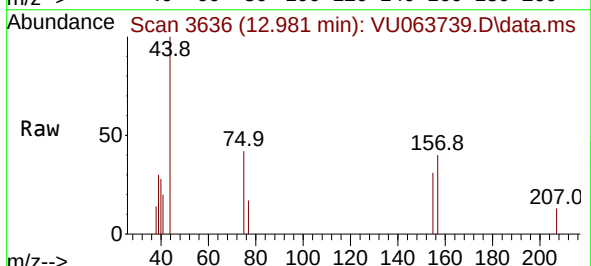
Tgt Ion: 75 Resp: 612

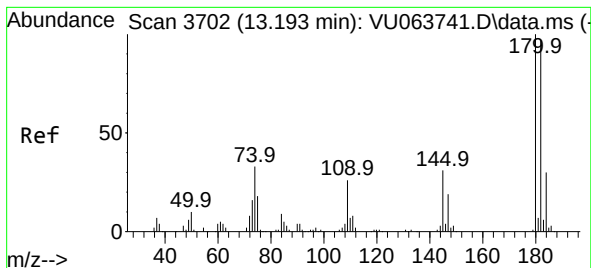
Ion Ratio Lower Upper

75 100

155 73.1 64.1 96.1

157 93.9 79.0 118.4





#69

1,3,5-Trichlorobenzene

Concen: 0.479 ug/L

RT: 13.196 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU063739.D

Acq: 19 Nov 2025 09:52

Instrument :

MSVOA_U

ClientSampleId :

VSTD0.5027

Tgt Ion:180 Resp: 11813

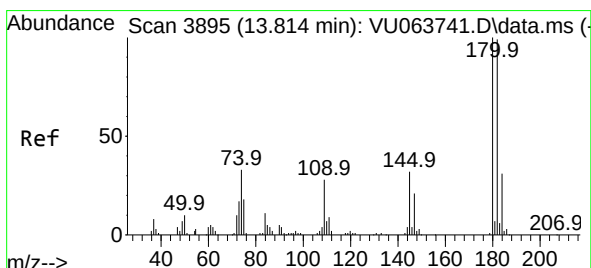
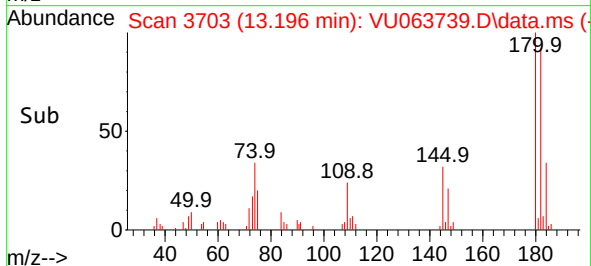
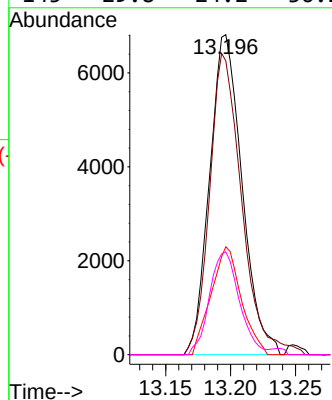
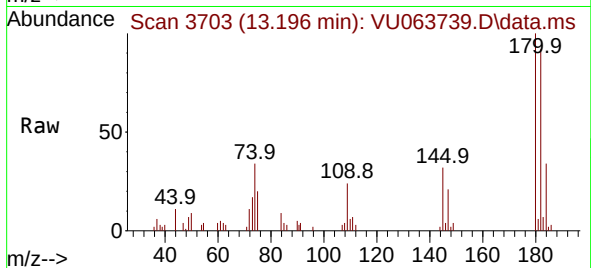
Ion Ratio Lower Upper

180 100

182 93.1 76.4 114.6

184 31.5 23.8 35.6

145 29.8 24.2 36.2



#70

1,2,4-trichlorobenzene

Concen: 0.506 ug/L

RT: 13.817 min Scan# 3896

Delta R.T. 0.003 min

Lab File: VU063739.D

Acq: 19 Nov 2025 09:52

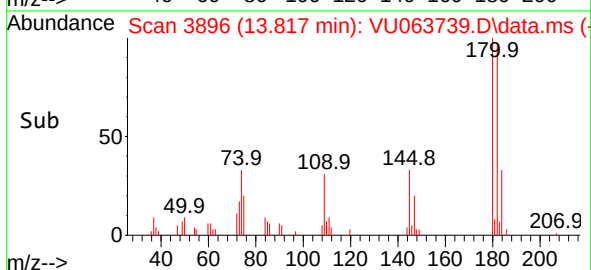
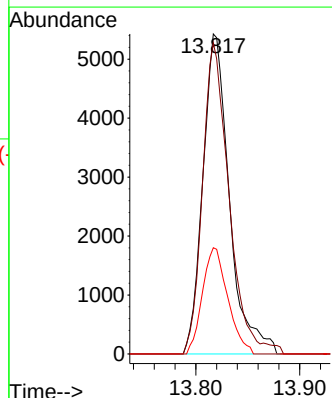
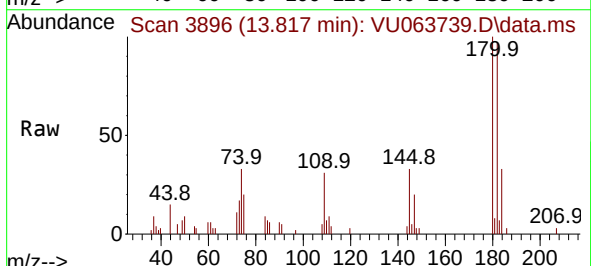
Tgt Ion:180 Resp: 9610

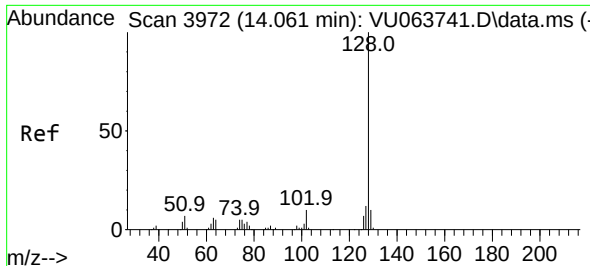
Ion Ratio Lower Upper

180 100

182 96.9 77.8 116.6

145 31.7 26.1 39.1

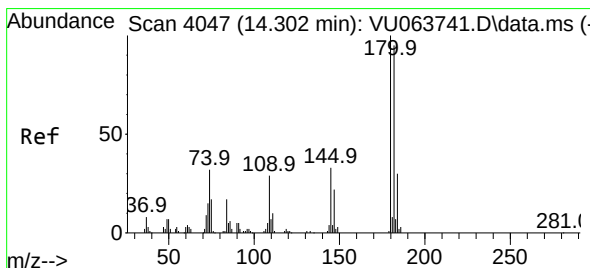
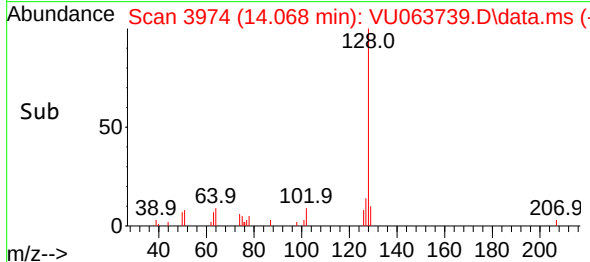
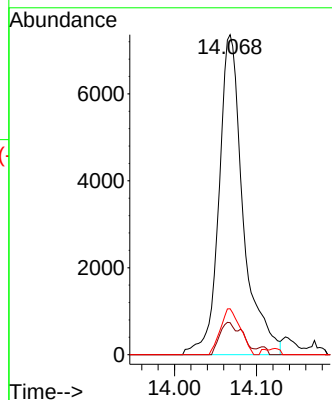
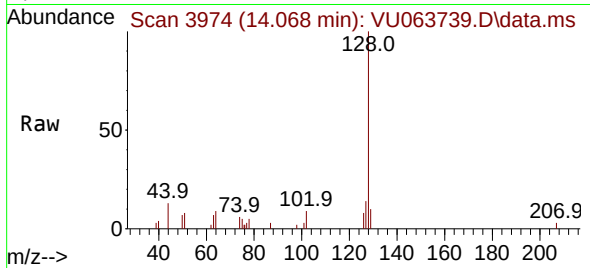




#71
Naphthalene
Concen: 0.541 ug/L
RT: 14.068 min Scan# 3972
Delta R.T. 0.007 min
Lab File: VU063739.D
Acq: 19 Nov 2025 09:52

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5027

Tgt Ion:128	Resp:	15074
Ion Ratio	Lower	Upper
128	100	
129	9.6	8.6 12.8
127	11.8	10.0 15.0



#72
1,2,3-Trichlorobenzene
Concen: 0.515 ug/L
RT: 14.306 min Scan# 4048
Delta R.T. 0.003 min
Lab File: VU063739.D
Acq: 19 Nov 2025 09:52

Tgt Ion:180	Resp:	8303
Ion Ratio	Lower	Upper
180	100	
182	97.1	75.7 113.5
145	34.2	27.1 40.7

