

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111725\
 Data File : VU063720.D
 Acq On : 17 Nov 2025 11:16
 Operator : MD/SY
 Sample : VSTD00545
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005045

Quant Time: Nov 18 01:26:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM111725WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 18 01:25:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.222	114	379380	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.393	117	354312	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.788	152	168880	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.586	65	15626	5.795	ug/L	0.00
7) Chloroethane-d5	1.894	69	12095	5.425	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.547	63	28003	5.893	ug/L	0.00
21) 2-Butanone-d5	4.624	46	12784	7.212	ug/L	0.03
24) Chloroform-d	5.036	84	25227	5.121	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.676	65	17584	5.516	ug/L	0.00
32) Benzene-d6	5.698	84	49860	5.649	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.666	67	14907	5.309	ug/L	0.00
41) Toluene-d8	7.875	98	48541	5.846	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.161	79	5734	5.418	ug/L	0.00
47) 2-Hexanone-d5	8.624	63	7788	7.457	ug/L	0.02
56) 1,1,2,2-Tetrachloroeth...	10.733	84	20224	4.710	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.171	152	15620	5.384	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.374	85	12527	6.062	ug/L	97
3) Chloromethane	1.509	50	14594	5.670	ug/L	98
5) Vinyl chloride	1.589	62	16267	5.281	ug/L	95
6) Bromomethane	1.840	94	10648	5.490	ug/L	99
8) Chloroethane	1.917	64	11250	5.403	ug/L	98
9) Trichlorofluoromethane	2.120	101	25875	5.703	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.557	101	14802	5.822	ug/L	98
12) 1,1-Dichloroethene	2.557	96	14191	6.245	ug/L	89
13) Acetone	2.605	43	29154	13.203	ug/L	99
14) Carbon disulfide	2.769	76	36484	6.190	ug/L	100
15) Methyl Acetate	2.933	43	14655	4.726	ug/L #	90
16) Methylene chloride	3.020	84	17223	6.072	ug/L	96
17) trans-1,2-Dichloroethene	3.329	96	14738	6.002	ug/L	95
18) Methyl tert-butyl Ether	3.338	73	48221	6.028	ug/L	98
19) 1,1-Dichloroethane	3.837	63	28294	5.780	ug/L	97
20) cis-1,2-Dichloroethene	4.640	96	15936	5.572	ug/L	93
22) 2-Butanone	4.692	43	22882	9.194	ug/L	95
23) Bromochloromethane	4.949	128	8593	5.768	ug/L	91
25) Chloroform	5.055	83	30994	5.921	ug/L	99
27) 1,2-Dichloroethane	5.769	62	25259	5.899	ug/L	95
29) Cyclohexane	5.354	56	25180	6.006	ug/L	96
30) 1,1,1-Trichloroethane	5.287	97	26252	6.593	ug/L	98
31) Carbon tetrachloride	5.492	117	19486	6.144	ug/L	95
33) Benzene	5.746	78	61310	5.965	ug/L	100
34) Trichloroethene	6.515	95	17845	6.095	ug/L	96
35) Methylcyclohexane	6.737	83	26066	6.224	ug/L	96
37) 1,2-Dichloropropane	6.762	63	15495	5.450	ug/L	99
38) Bromodichloromethane	7.081	83	21433	6.224	ug/L	96
39) cis-1,3-Dichloropropene	7.586	75	21823	5.837	ug/L	99
40) 4-Methyl-2-pentanone	7.772	43	41446	10.142	ug/L	98
42) Toluene	7.946	91	65896	5.803	ug/L	100
44) trans-1,3-Dichloropropene	8.190	75	19309	5.953	ug/L	99

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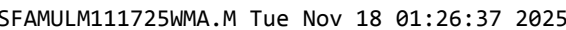
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005045

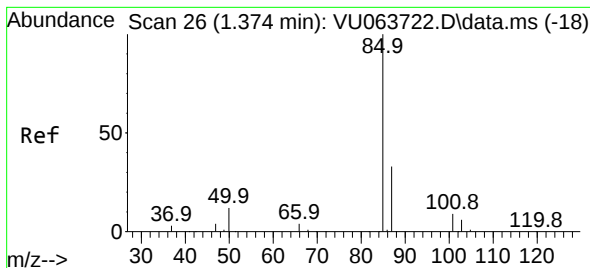
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 Quant Title : VOC Analysis
 QLast Update : Tue Nov 18 01:25:43 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.377	97	16592	5.962	ug/L	97
46) Tetrachloroethene	8.528	164	13297	6.213	ug/L	96
48) 2-Hexanone	8.676	43	29236	9.319	ug/L	93
49) Dibromochloromethane	8.785	129	15200	6.010	ug/L	97
50) 1,2-Dibromoethane	8.901	107	17971	6.216	ug/L	90
51) Chlorobenzene	9.425	112	45068	5.975	ug/L	96
52) Ethylbenzene	9.547	91	76125	6.018	ug/L	98
53) m,p-Xylene	9.672	106	28858	6.065	ug/L	95
54) o-Xylene	10.077	106	28098	5.998	ug/L	97
55) Styrene	10.097	104	41442	5.398	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.756	83	25897	5.541	ug/L	98
59) Bromoform	10.267	173	10726	6.341	ug/L #	70
60) 1,2,3-Trichloropropane	10.801	75	22286	6.289	ug/L	96
61) Isopropylbenzene	10.460	105	74961	6.429	ug/L	100
62) 1,3,5-Trimethylbenzene	11.065	105	58565	6.121	ug/L	98
63) 1,2,4-Trimethylbenzene	11.444	105	55048	5.953	ug/L	100
64) 1,3-Dichlorobenzene	11.727	146	33057	6.241	ug/L	97
65) 1,4-Dichlorobenzene	11.814	146	34621	6.476	ug/L	97
67) 1,2-Dichlorobenzene	12.190	146	32109	6.191	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.971	75	4310	5.273	ug/L	90
69) 1,3,5-Trichlorobenzene	13.196	180	20095	5.437	ug/L	98
70) 1,2,4-trichlorobenzene	13.820	180	15957	5.240	ug/L	99
71) Naphthalene	14.068	128	34473	4.166	ug/L	100
72) 1,2,3-Trichlorobenzene	14.306	180	15598	5.345	ug/L	97

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

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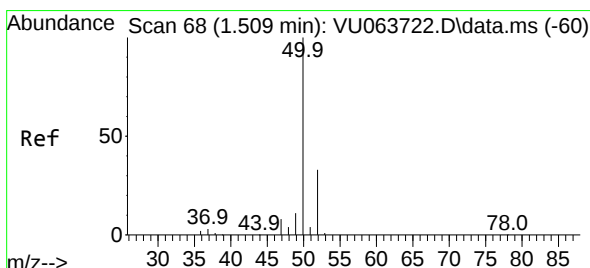
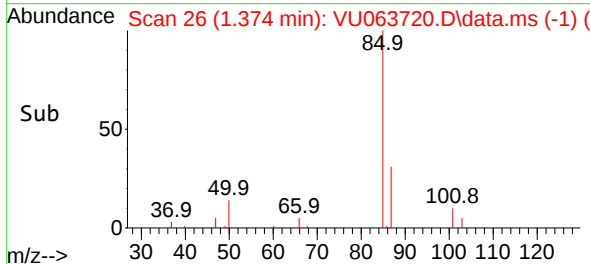
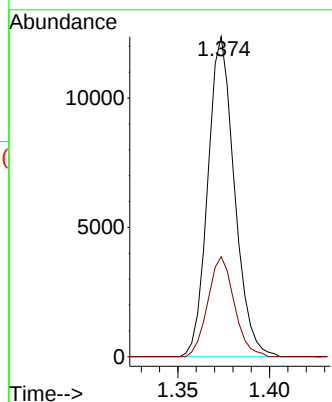
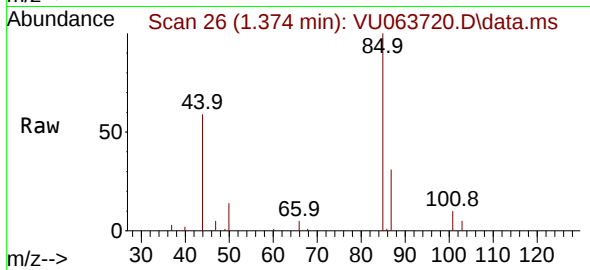




#2
Dichlorodifluoromethane
Concen: 6.062 ug/L
RT: 1.374 min Scan# 26
Delta R.T. 0.000 min
Lab File: VU063720.D
Acq: 17 Nov 2025 11:16

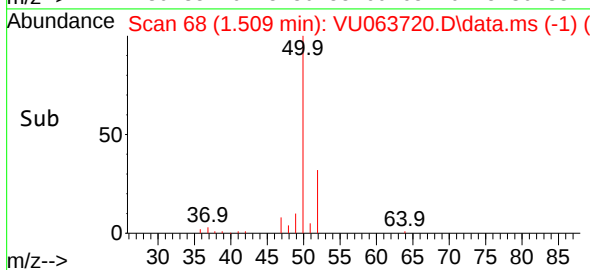
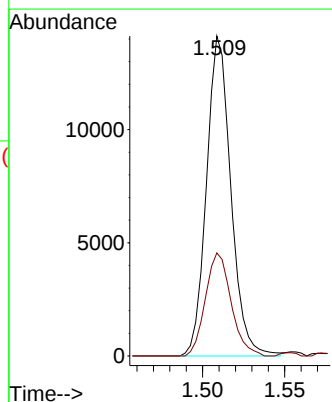
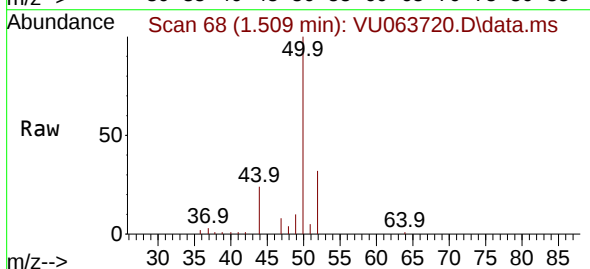
Instrument :
MSVOA_U
ClientSampleId :
VSTD005045

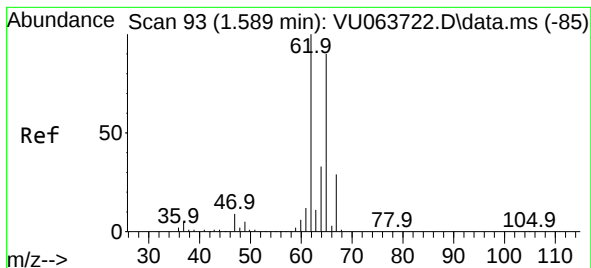
Tgt Ion: 85 Resp: 12527
Ion Ratio Lower Upper
85 100
87 30.9 26.2 39.2



#3
Chloromethane
Concen: 5.670 ug/L
RT: 1.509 min Scan# 68
Delta R.T. 0.000 min
Lab File: VU063720.D
Acq: 17 Nov 2025 11:16

Tgt Ion: 50 Resp: 14594
Ion Ratio Lower Upper
50 100
52 32.2 23.2 43.2





#5

Vinyl chloride

Concen: 5.281 ug/L

RT: 1.589 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU063720.D

Acq: 17 Nov 2025 11:16

Instrument :

MSVOA_U

ClientSampleId :

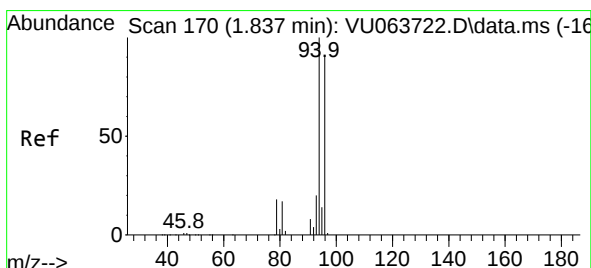
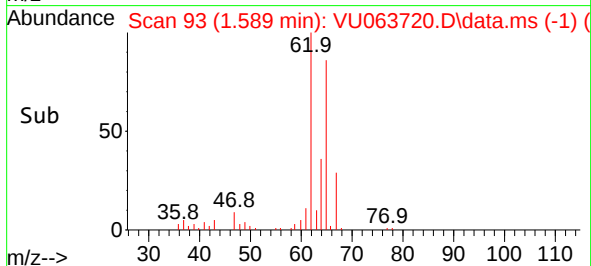
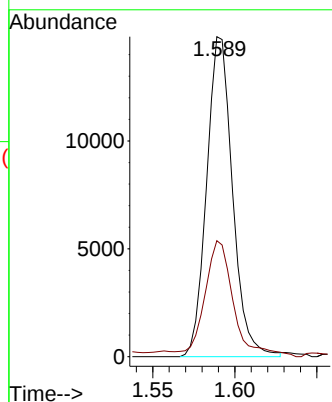
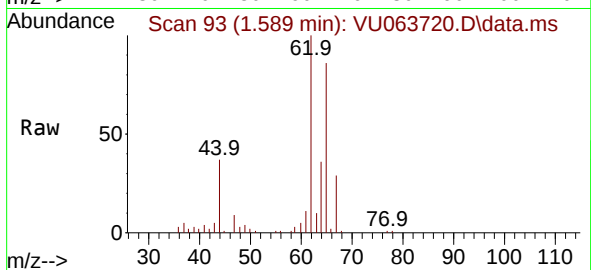
VSTD005045

Tgt Ion: 62 Resp: 16267

Ion Ratio Lower Upper

62 100

64 36.2 23.2 43.2



#6

Bromomethane

Concen: 5.490 ug/L

RT: 1.840 min Scan# 171

Delta R.T. 0.003 min

Lab File: VU063720.D

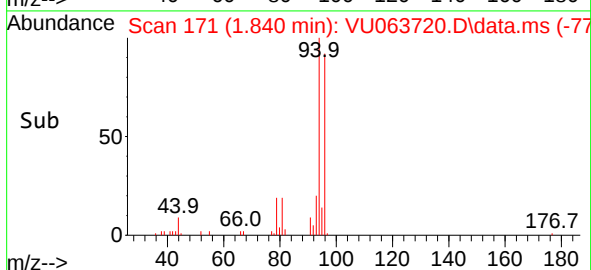
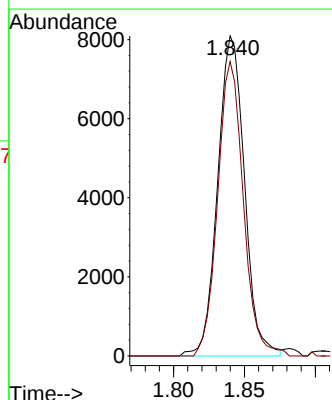
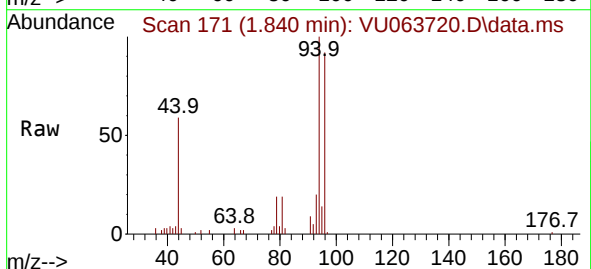
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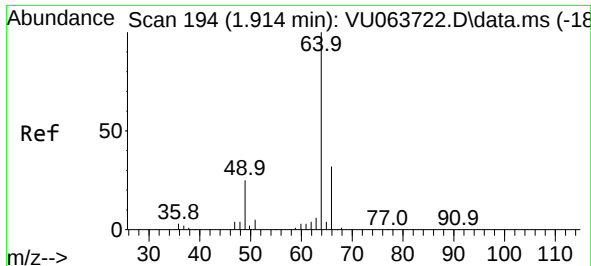
Tgt Ion: 94 Resp: 10648

Ion Ratio Lower Upper

94 100

96 92.0 63.8 118.4

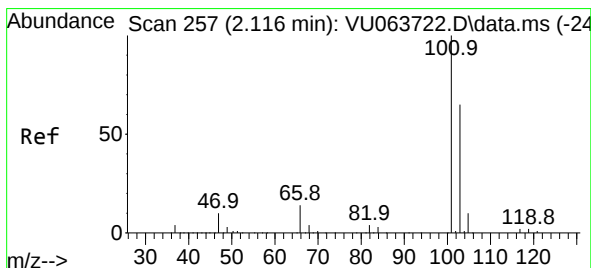
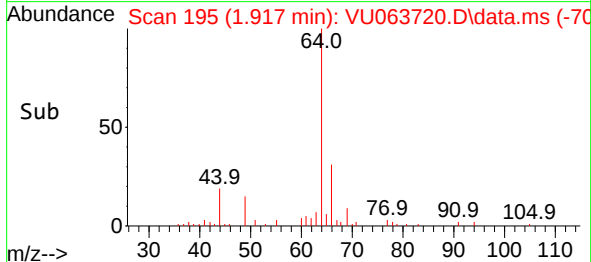
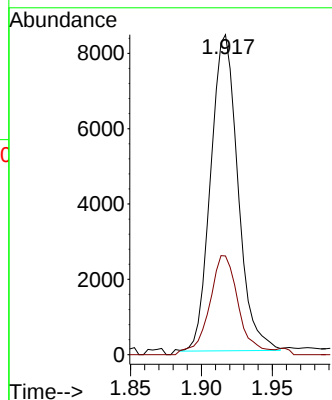
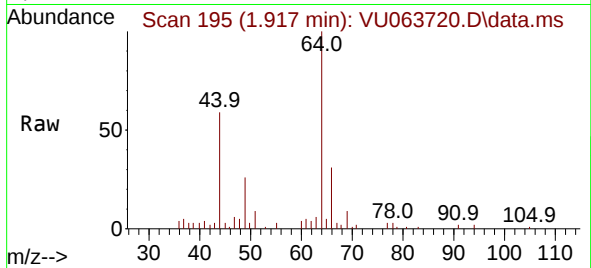




#8
Chloroethane
Concen: 5.403 ug/L
RT: 1.917 min Scan# 194
Delta R.T. 0.003 min
Lab File: VU063720.D
Acq: 17 Nov 2025 11:16

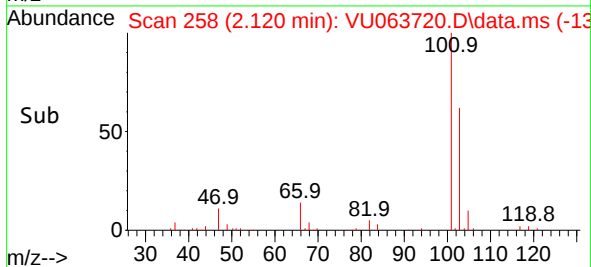
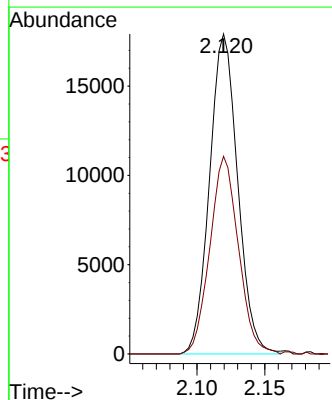
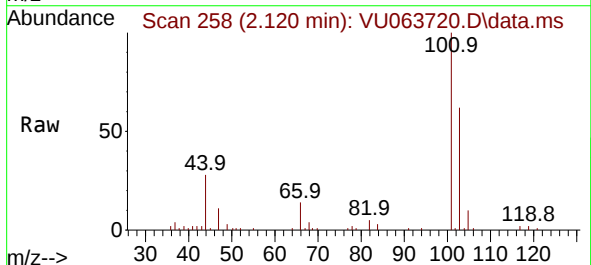
Instrument :
MSVOA_U
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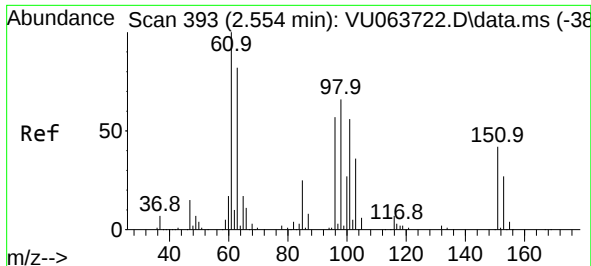
Tgt Ion: 64 Resp: 11250
Ion Ratio Lower Upper
64 100
66 30.8 22.4 41.6



#9
Trichlorofluoromethane
Concen: 5.703 ug/L
RT: 2.120 min Scan# 258
Delta R.T. 0.003 min
Lab File: VU063720.D
Acq: 17 Nov 2025 11:16

Tgt Ion:101 Resp: 25875
Ion Ratio Lower Upper
101 100
103 62.6 52.0 78.0

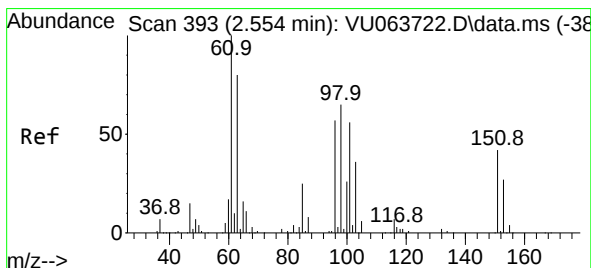
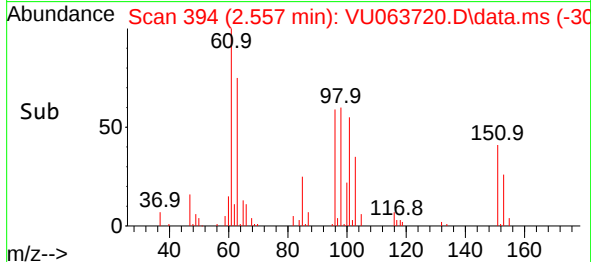
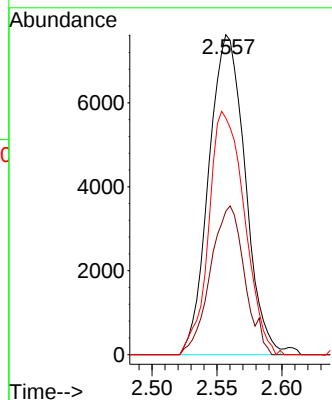
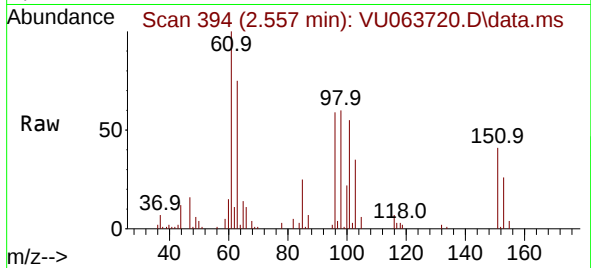




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.822 ug/L
RT: 2.557 min Scan# 394
Delta R.T. 0.003 min
Lab File: VU063720.D
Acq: 17 Nov 2025 11:16

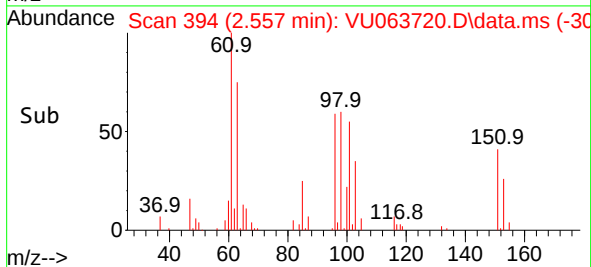
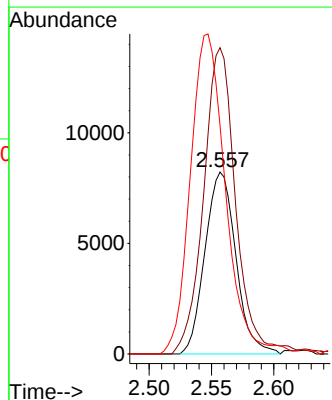
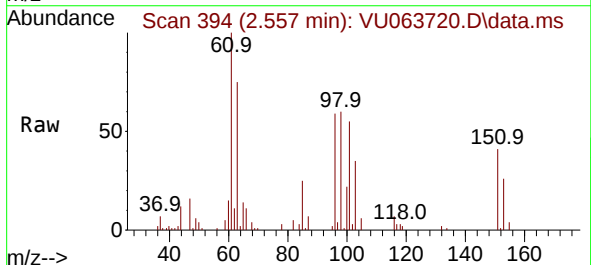
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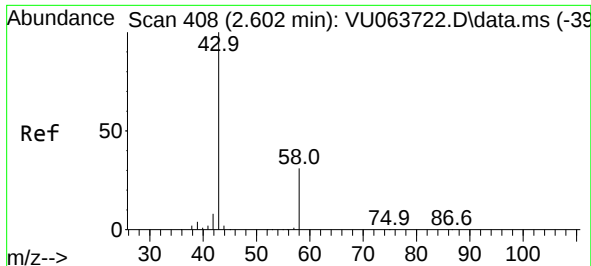
Tgt Ion:101 Resp: 14802
Ion Ratio Lower Upper
101 100
85 42.1 36.3 54.5
151 74.7 60.1 90.1



#12
1,1-Dichloroethene
Concen: 6.245 ug/L
RT: 2.557 min Scan# 394
Delta R.T. 0.003 min
Lab File: VU063720.D
Acq: 17 Nov 2025 11:16

Tgt Ion: 96 Resp: 14191
Ion Ratio Lower Upper
96 100
61 168.3 123.3 228.9
63 125.6 103.3 191.8





#13

Acetone

Concen: 13.203 ug/L

RT: 2.605 min Scan# 408

Delta R.T. 0.003 min

Lab File: VU063720.D

Acq: 17 Nov 2025 11:16

Instrument :

MSVOA_U

ClientSampleId :

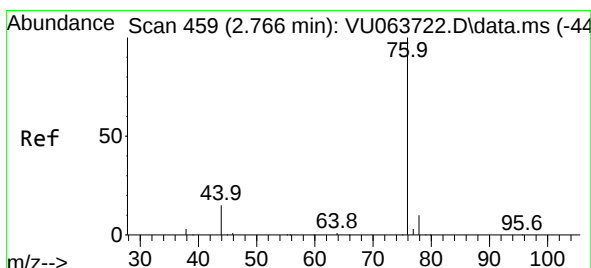
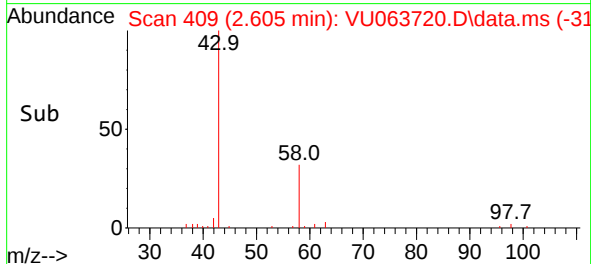
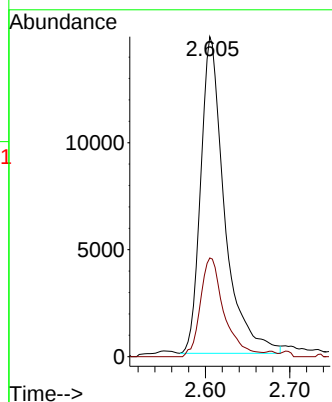
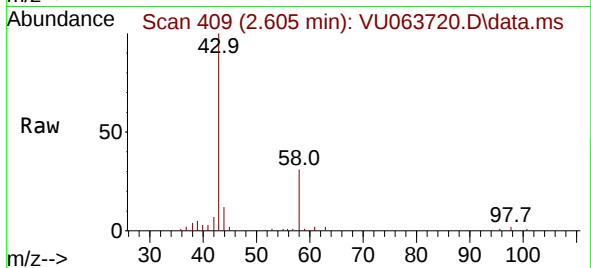
VSTD005045

Tgt Ion: 43 Resp: 29154

Ion Ratio Lower Upper

43 100

58 31.1 0.0 63.4



#14

Carbon disulfide

Concen: 6.190 ug/L

RT: 2.769 min Scan# 460

Delta R.T. 0.003 min

Lab File: VU063720.D

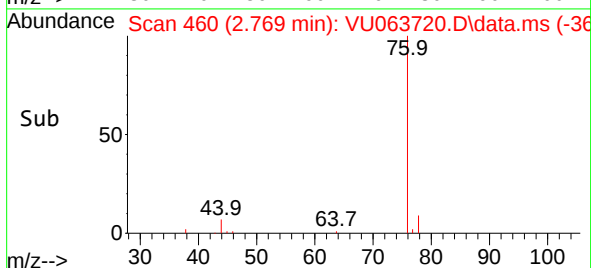
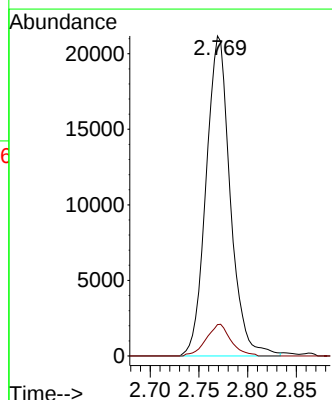
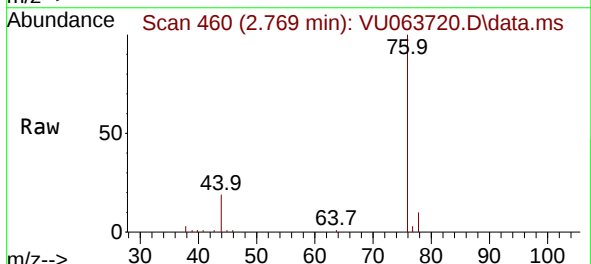
Acq: 17 Nov 2025 11:16

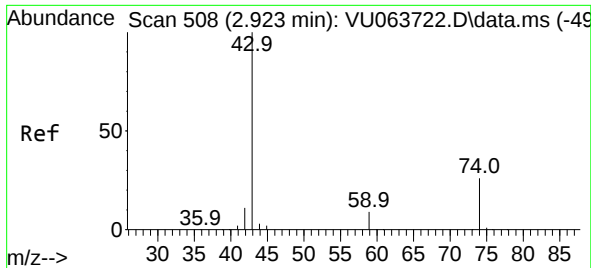
Tgt Ion: 76 Resp: 36484

Ion Ratio Lower Upper

76 100

78 9.8 7.8 11.6

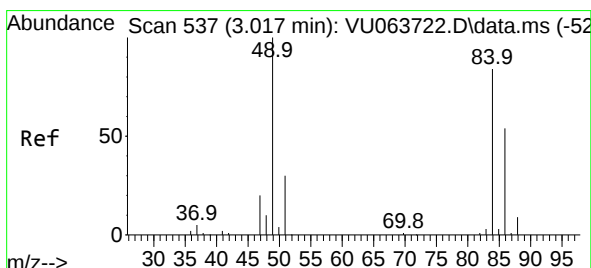
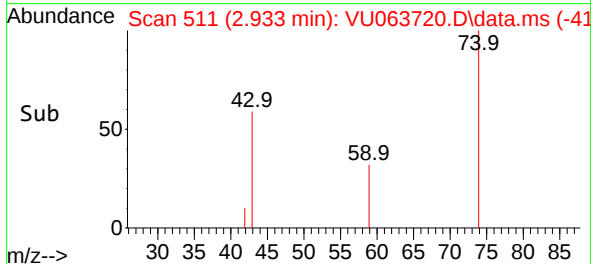
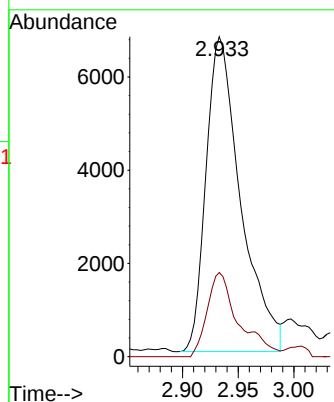
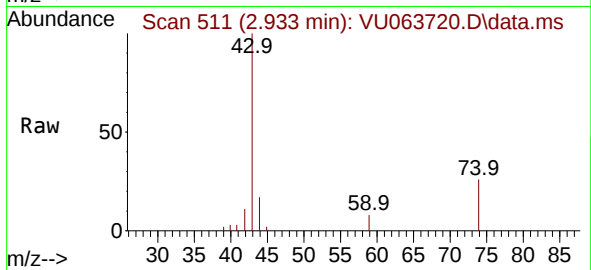




#15
Methyl Acetate
Concen: 4.726 ug/L
RT: 2.933 min Scan# 511
Delta R.T. 0.010 min
Lab File: VU063720.D
Acq: 17 Nov 2025 11:16

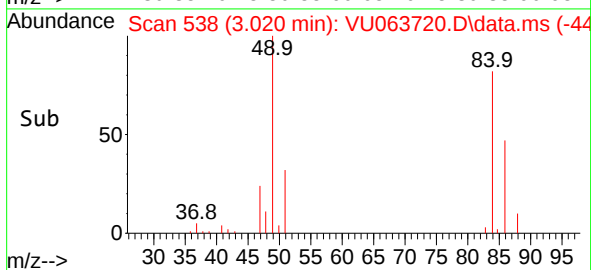
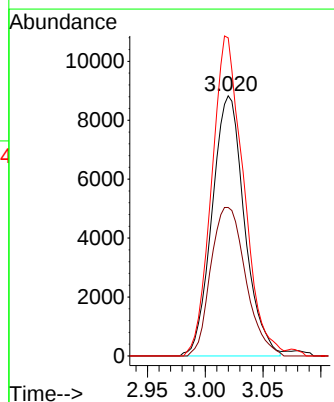
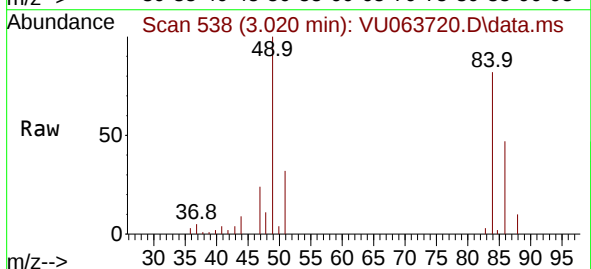
Instrument :
MSVOA_U
ClientSampleId :
VSTD005045

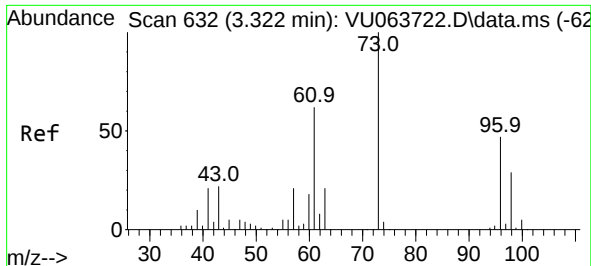
Tgt Ion: 43 Resp: 14655
Ion Ratio Lower Upper
43 100
74 20.4 20.5 30.7#



#16
Methylene chloride
Concen: 6.072 ug/L
RT: 3.020 min Scan# 538
Delta R.T. 0.003 min
Lab File: VU063720.D
Acq: 17 Nov 2025 11:16

Tgt Ion: 84 Resp: 17223
Ion Ratio Lower Upper
84 100
86 55.4 45.2 84.0
49 118.7 83.6 155.2

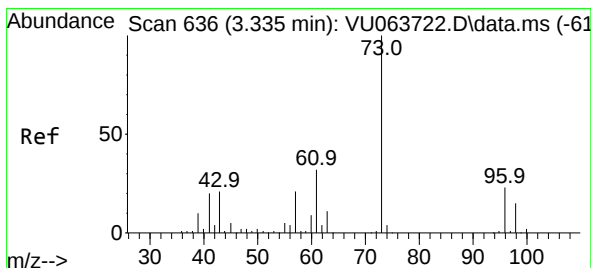
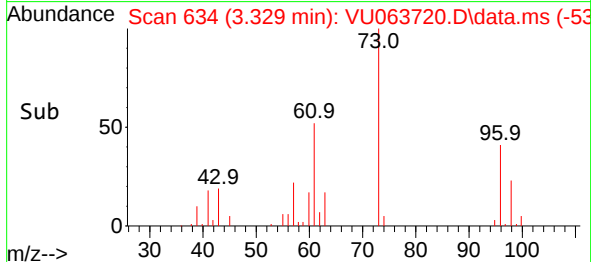
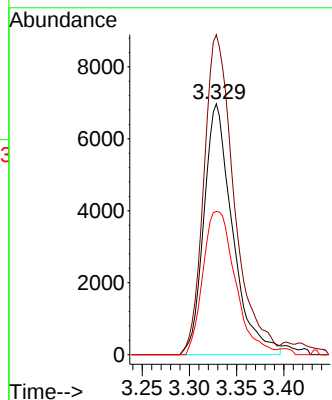
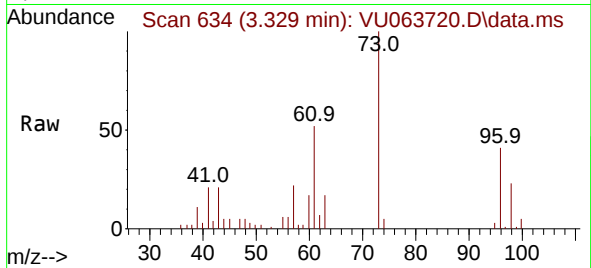




#17
trans-1,2-Dichloroethene
Concen: 6.002 ug/L
RT: 3.329 min Scan# 61
Delta R.T. 0.006 min
Lab File: VU063720.D
Acq: 17 Nov 2025 11:16

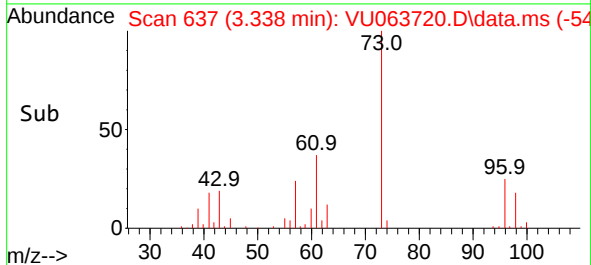
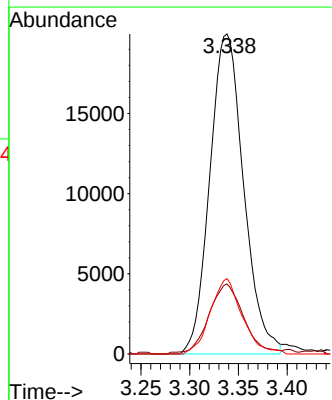
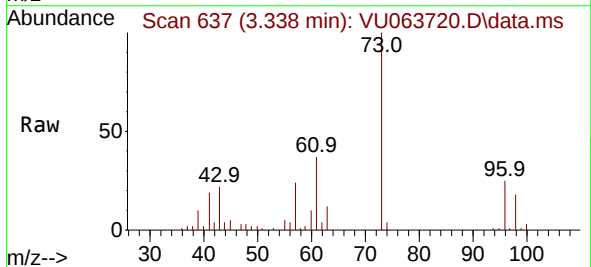
Instrument :
MSVOA_U
ClientSampleId :
VSTD005045

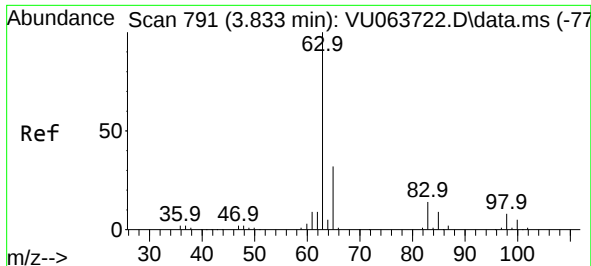
Tgt Ion: 96 Resp: 14738
Ion Ratio Lower Upper
96 100
61 127.5 92.7 172.1
98 57.1 43.2 80.2



#18
Methyl tert-butyl Ether
Concen: 6.028 ug/L
RT: 3.338 min Scan# 637
Delta R.T. 0.003 min
Lab File: VU063720.D
Acq: 17 Nov 2025 11:16

Tgt Ion: 73 Resp: 48221
Ion Ratio Lower Upper
73 100
43 21.3 16.6 24.8
57 21.9 16.3 24.5





#19

1,1-Dichloroethane

Concen: 5.780 ug/L

RT: 3.837 min Scan# 791

Delta R.T. 0.003 min

Lab File: VU063720.D

Acq: 17 Nov 2025 11:16

Instrument :

MSVOA_U

ClientSampleId :

VSTD005045

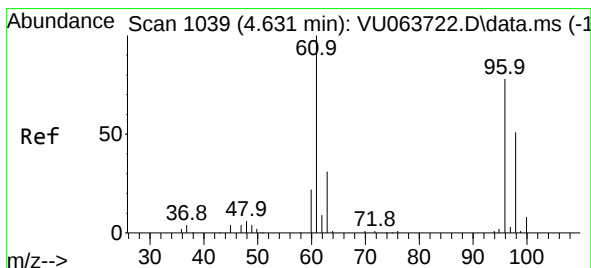
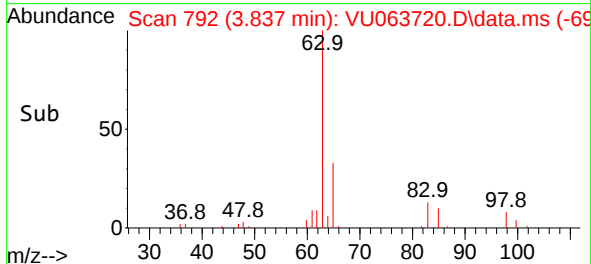
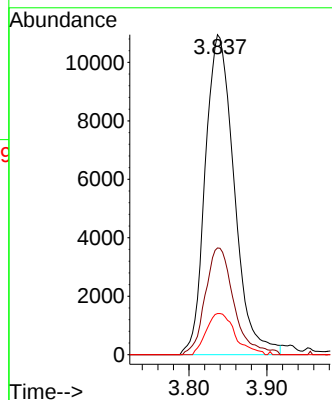
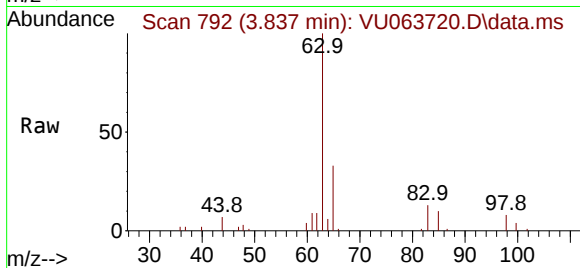
Tgt Ion: 63 Resp: 28294

Ion Ratio Lower Upper

63 100

65 33.3 22.0 41.0

83 12.9 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 5.572 ug/L

RT: 4.640 min Scan# 1042

Delta R.T. 0.010 min

Lab File: VU063720.D

Acq: 17 Nov 2025 11:16

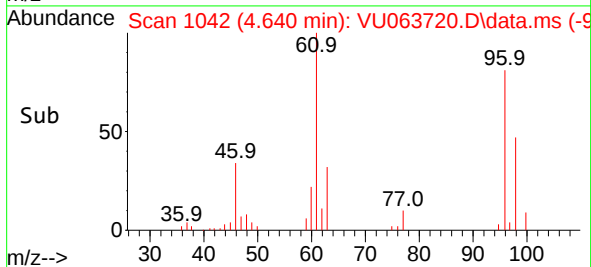
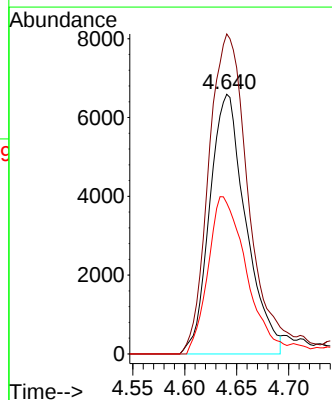
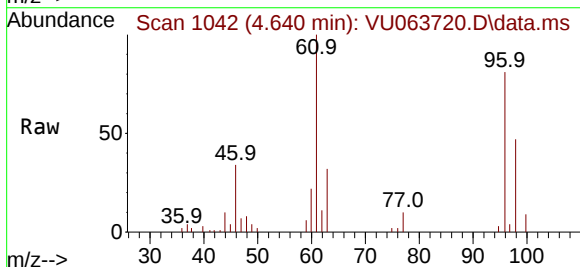
Tgt Ion: 96 Resp: 15936

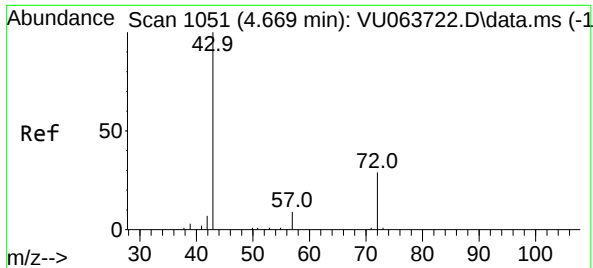
Ion Ratio Lower Upper

96 100

61 123.2 90.3 167.7

98 58.1 46.3 86.1





#22

2-Butanone

Concen: 9.194 ug/L

RT: 4.692 min Scan# 1058

Delta R.T. 0.023 min

Lab File: VU063720.D

Acq: 17 Nov 2025 11:16

Instrument :

MSVOA_U

ClientSampleId :

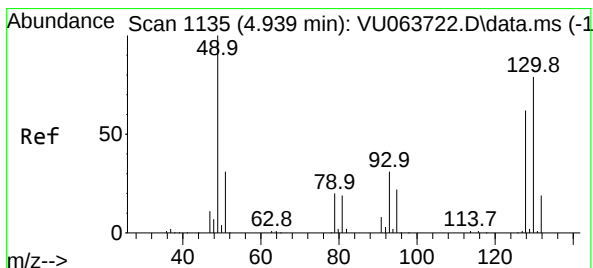
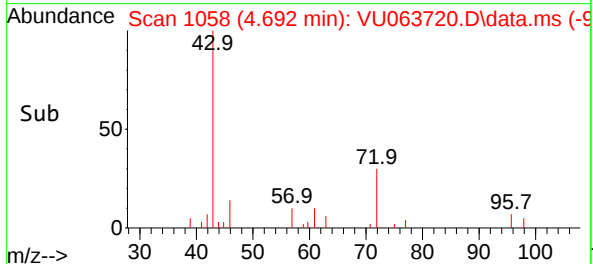
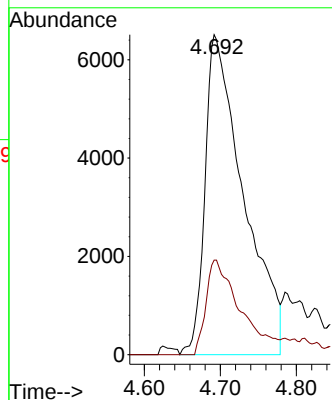
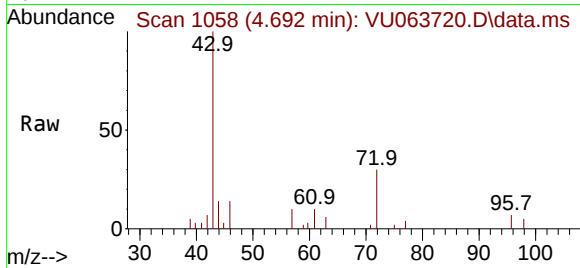
VSTD005045

Tgt Ion: 43 Resp: 22882

Ion Ratio Lower Upper

43 100

72 24.5 13.6 40.7



#23

Bromochloromethane

Concen: 5.768 ug/L

RT: 4.949 min Scan# 1138

Delta R.T. 0.010 min

Lab File: VU063720.D

Acq: 17 Nov 2025 11:16

Tgt Ion:128 Resp: 8593

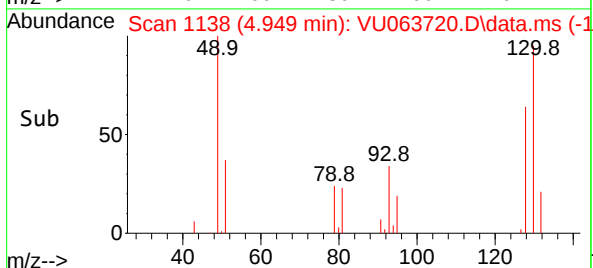
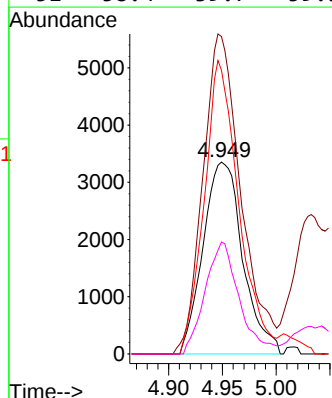
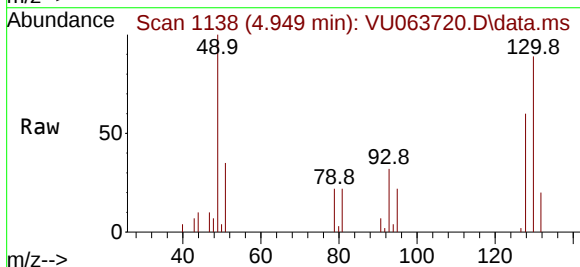
Ion Ratio Lower Upper

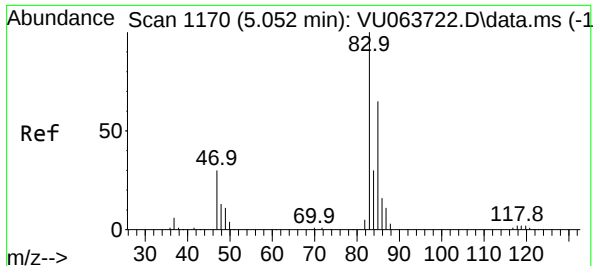
128 100

49 165.4 113.5 210.7

130 147.8 89.8 166.8

51 58.4 39.7 59.5





#25

Chloroform

Concen: 5.921 ug/L

RT: 5.055 min Scan# 1170

Delta R.T. 0.003 min

Lab File: VU063720.D

Acq: 17 Nov 2025 11:16

Instrument :

MSVOA_U

ClientSampleId :

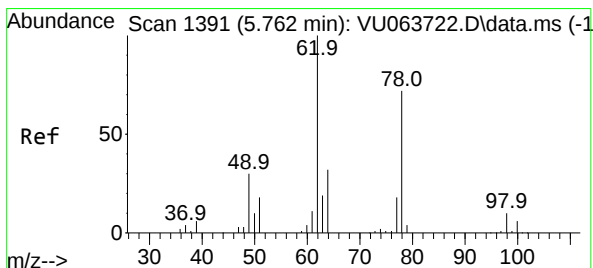
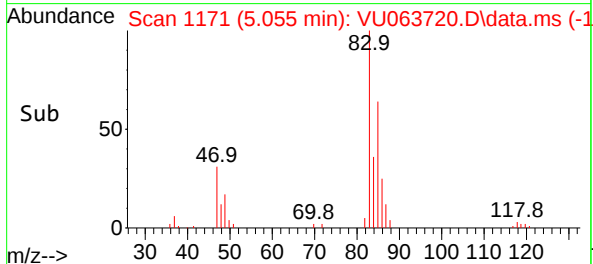
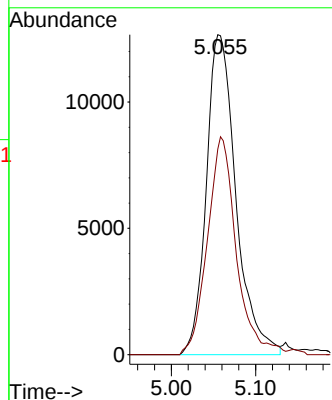
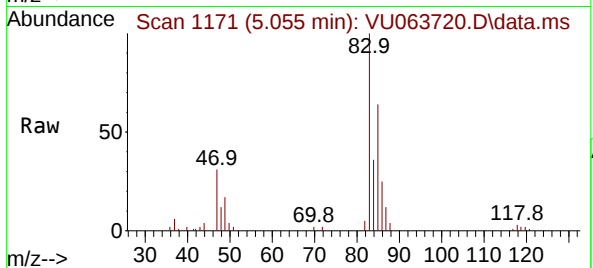
VSTD005045

Tgt Ion: 83 Resp: 30994

Ion Ratio Lower Upper

83 100

85 64.3 45.4 84.4



#27

1,2-Dichloroethane

Concen: 5.899 ug/L

RT: 5.769 min Scan# 1393

Delta R.T. 0.006 min

Lab File: VU063720.D

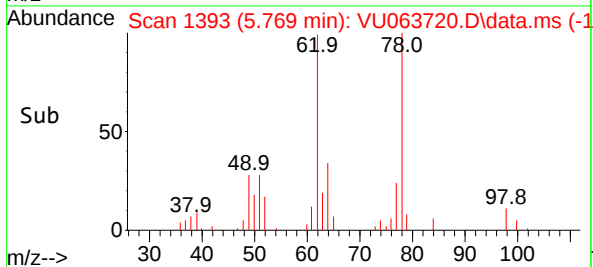
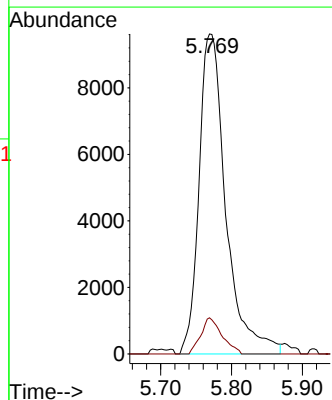
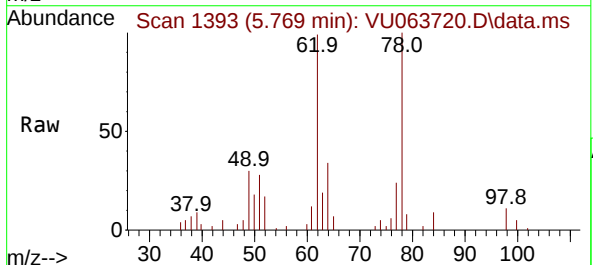
Acq: 17 Nov 2025 11:16

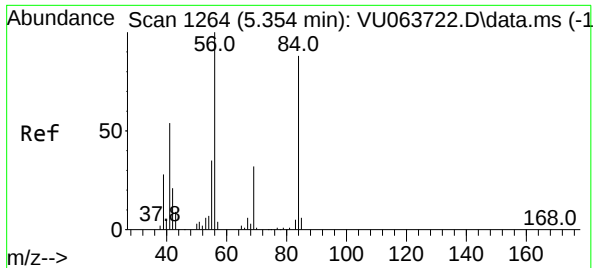
Tgt Ion: 62 Resp: 25259

Ion Ratio Lower Upper

62 100

98 11.3 7.6 11.4





#29

Cyclohexane

Concen: 6.006 ug/L

RT: 5.354 min Scan# 1264

Delta R.T. 0.000 min

Lab File: VU063720.D

Acq: 17 Nov 2025 11:16

Instrument :

MSVOA_U

ClientSampleId :

VSTD005045

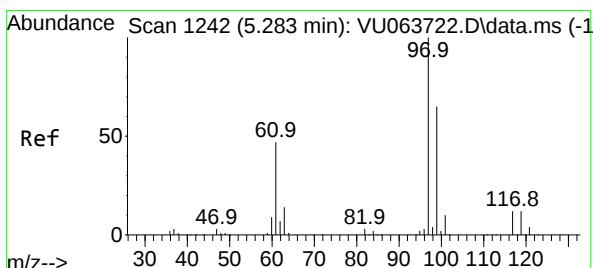
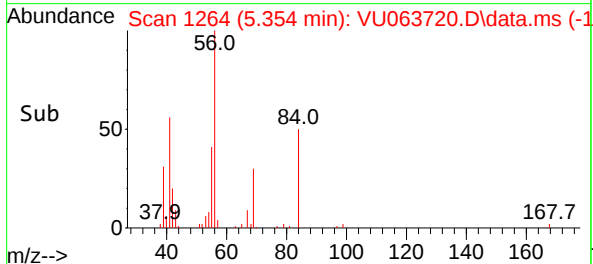
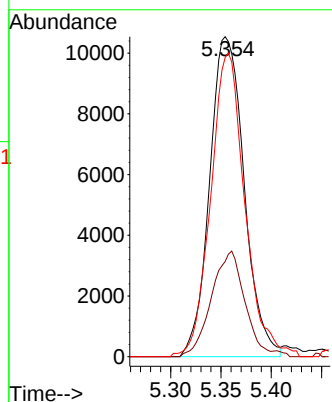
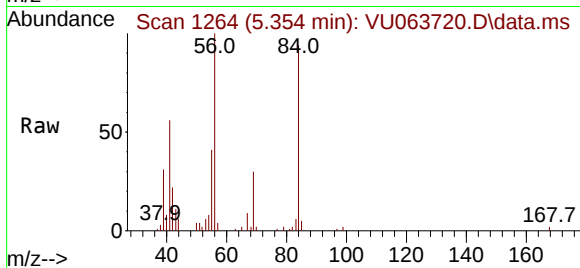
Tgt Ion: 56 Resp: 25180

Ion Ratio Lower Upper

56 100

69 31.5 25.8 38.8

84 91.2 69.3 103.9



#30

1,1,1-Trichloroethane

Concen: 6.593 ug/L

RT: 5.287 min Scan# 1243

Delta R.T. 0.003 min

Lab File: VU063720.D

Acq: 17 Nov 2025 11:16

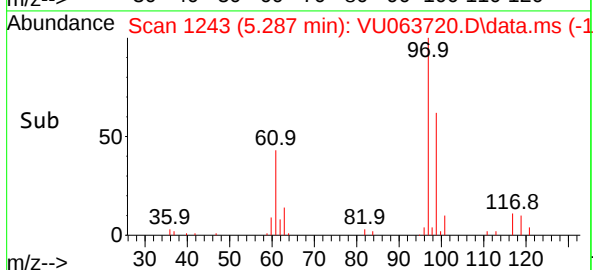
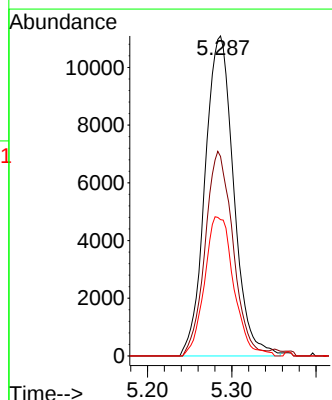
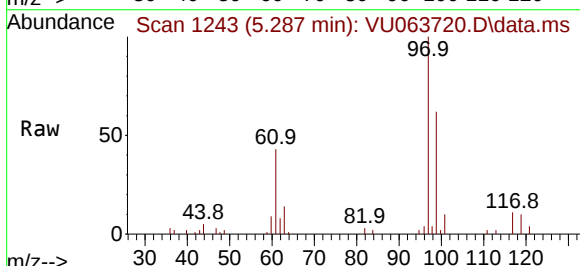
Tgt Ion: 97 Resp: 26252

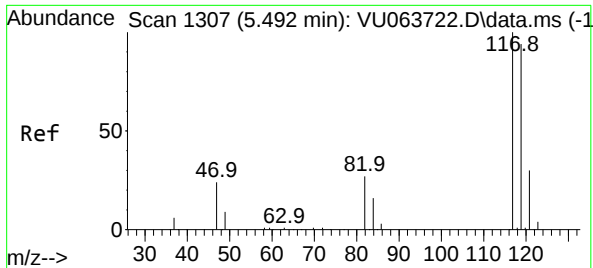
Ion Ratio Lower Upper

97 100

99 62.1 50.7 76.1

61 44.1 37.2 55.8

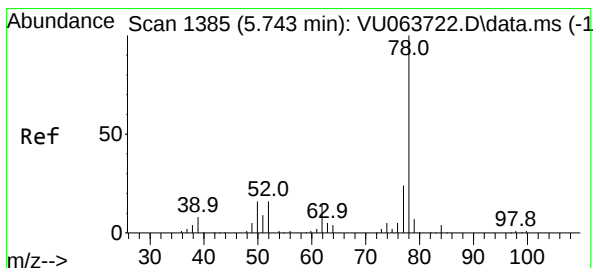
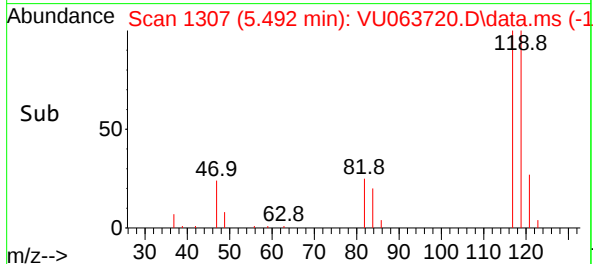
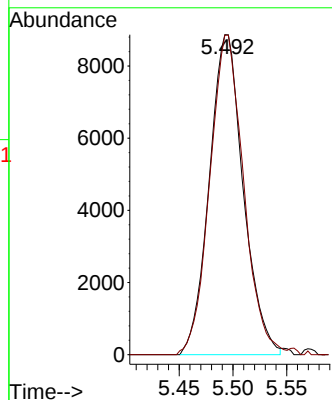
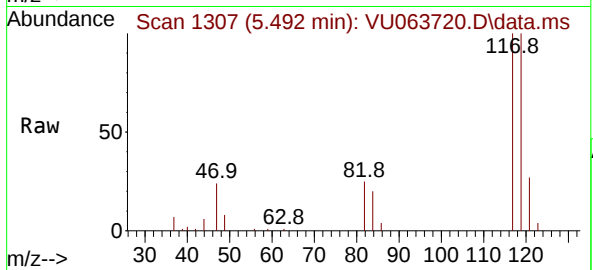




#31
Carbon tetrachloride
Concen: 6.144 ug/L
RT: 5.492 min Scan# 111
Delta R.T. 0.000 min
Lab File: VU063720.D
Acq: 17 Nov 2025 11:16

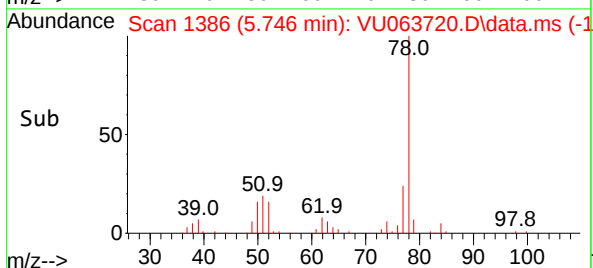
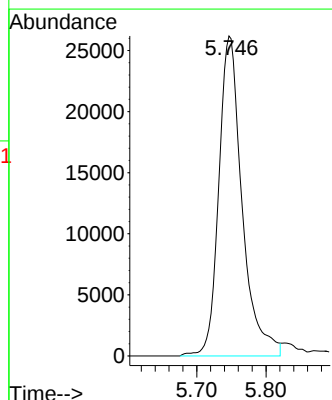
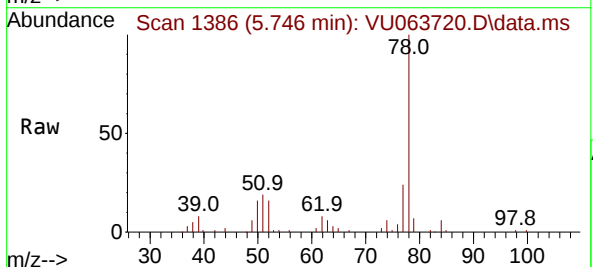
Instrument :
MSVOA_U
ClientSampleId :
VSTD005045

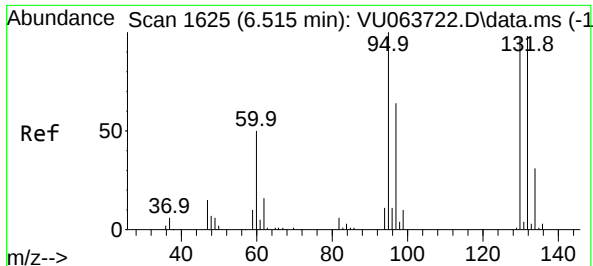
Tgt Ion:117 Resp: 19486
Ion Ratio Lower Upper
117 100
119 99.4 76.0 114.0



#33
Benzene
Concen: 5.965 ug/L
RT: 5.746 min Scan# 1386
Delta R.T. 0.003 min
Lab File: VU063720.D
Acq: 17 Nov 2025 11:16

Tgt Ion: 78 Resp: 61310

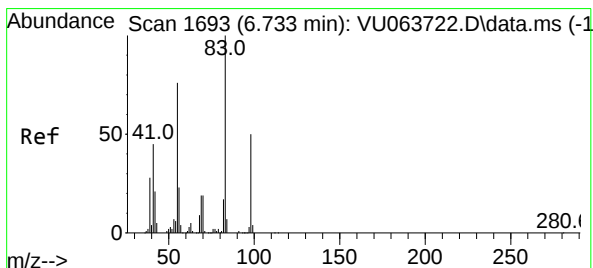
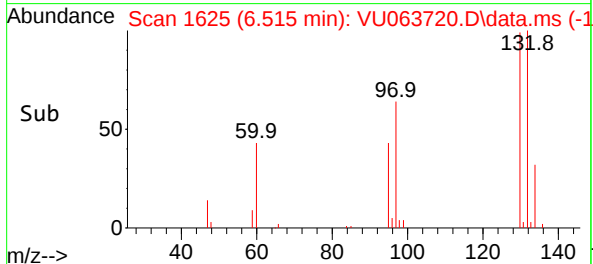
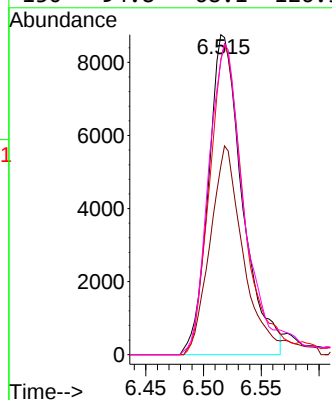
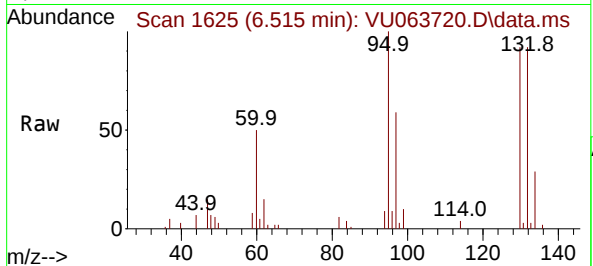




#34
Trichloroethene
Concen: 6.095 ug/L
RT: 6.515 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VU063720.D
Acq: 17 Nov 2025 11:16

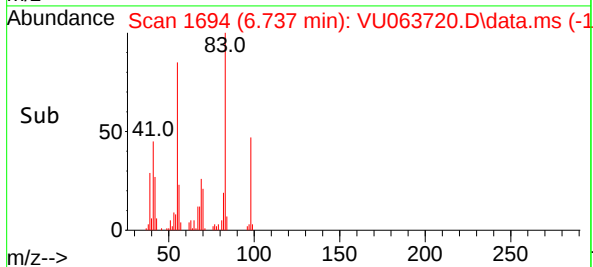
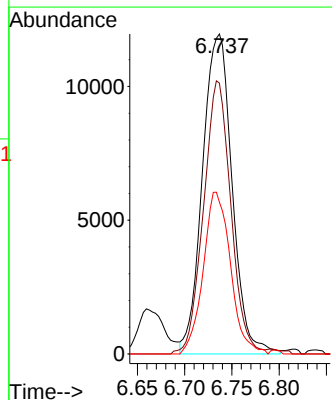
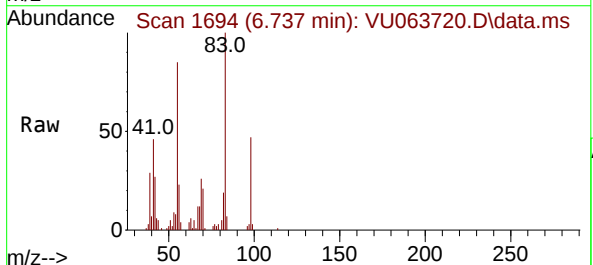
Instrument :
MSVOA_U
ClientSampleId :
VSTD005045

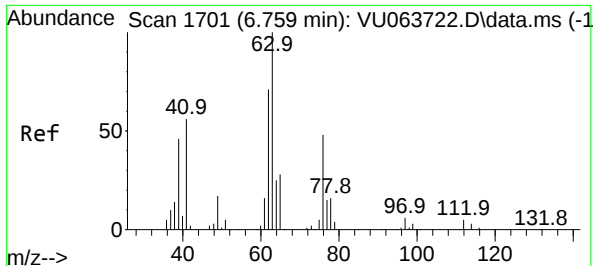
Tgt Ion: 95 Resp: 17845
Ion Ratio Lower Upper
95 100
97 59.0 45.1 83.9
132 95.1 68.3 126.8
130 94.8 68.1 126.5



#35
Methylcyclohexane
Concen: 6.224 ug/L
RT: 6.737 min Scan# 1694
Delta R.T. 0.003 min
Lab File: VU063720.D
Acq: 17 Nov 2025 11:16

Tgt Ion: 83 Resp: 26066
Ion Ratio Lower Upper
83 100
55 78.7 60.9 91.3
98 46.6 39.7 59.5

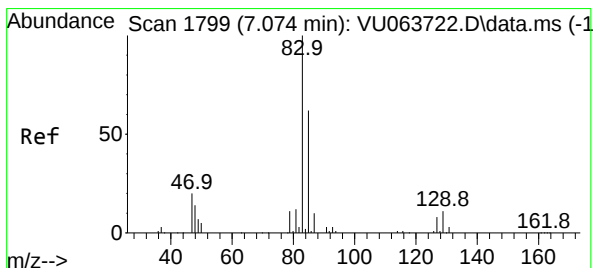
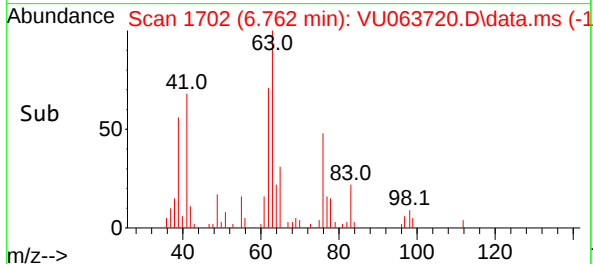
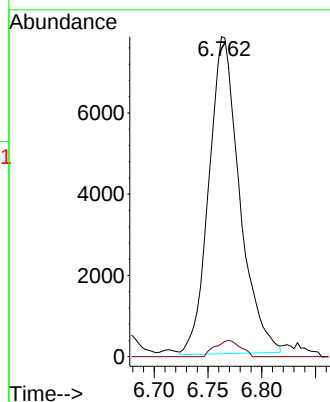
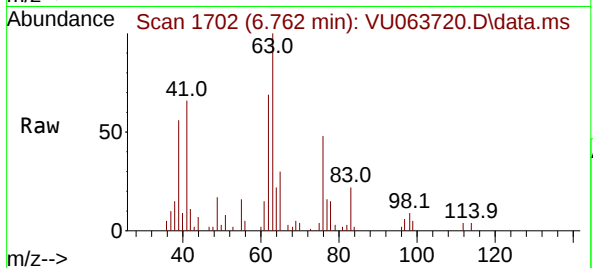




#37
1,2-Dichloropropane
Concen: 5.450 ug/L
RT: 6.762 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU063720.D
Acq: 17 Nov 2025 11:16

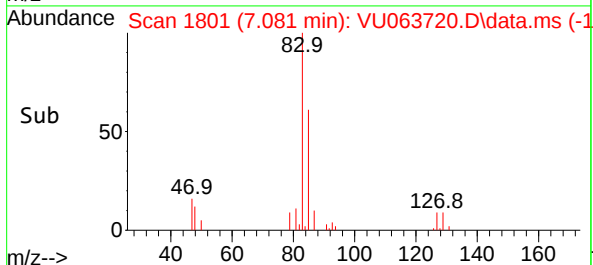
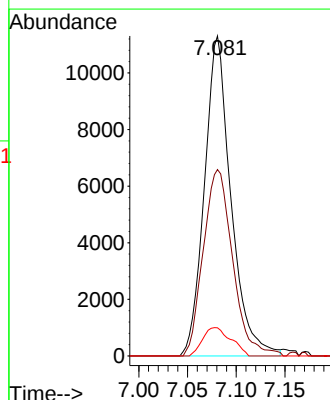
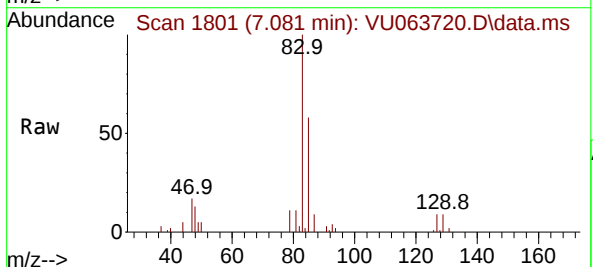
Instrument :
MSVOA_U
ClientSampleId :
VSTD005045

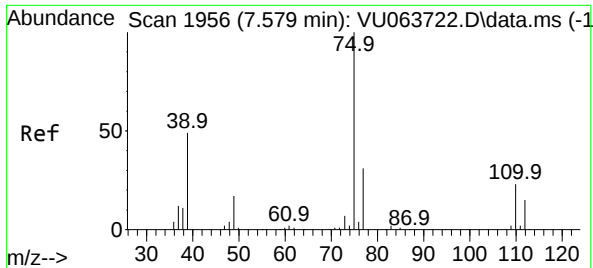
Tgt Ion: 63 Resp: 15495
Ion Ratio Lower Upper
63 100
112 4.2 3.7 5.5



#38
Bromodichloromethane
Concen: 6.224 ug/L
RT: 7.081 min Scan# 1801
Delta R.T. 0.006 min
Lab File: VU063720.D
Acq: 17 Nov 2025 11:16

Tgt Ion: 83 Resp: 21433
Ion Ratio Lower Upper
83 100
85 58.3 43.1 80.1
127 8.8 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 5.837 ug/L

RT: 7.586 min Scan# 1956

Delta R.T. 0.006 min

Lab File: VU063720.D

Acq: 17 Nov 2025 11:16

Instrument :

MSVOA_U

ClientSampleId :

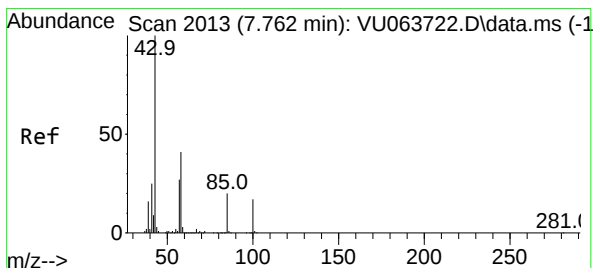
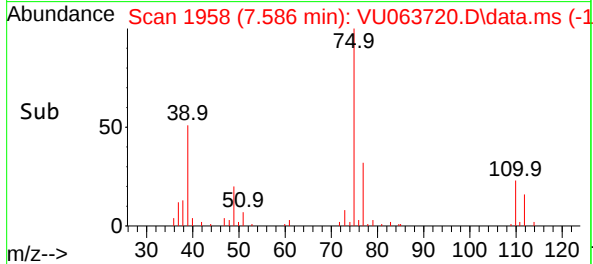
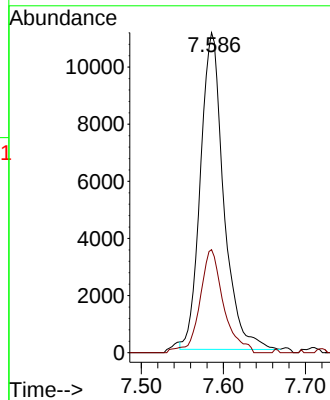
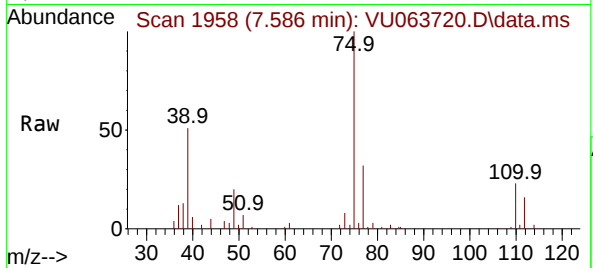
VSTD005045

Tgt Ion: 75 Resp: 21823

Ion Ratio Lower Upper

75 100

77 32.2 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 10.142 ug/L

RT: 7.772 min Scan# 2016

Delta R.T. 0.010 min

Lab File: VU063720.D

Acq: 17 Nov 2025 11:16

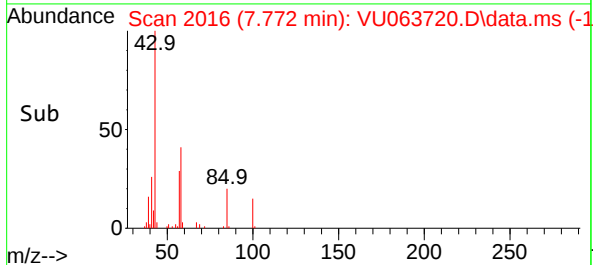
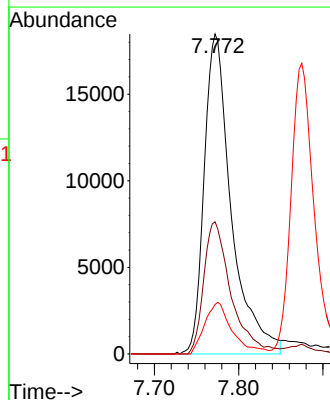
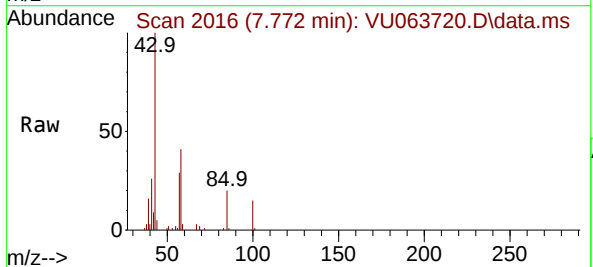
Tgt Ion: 43 Resp: 41446

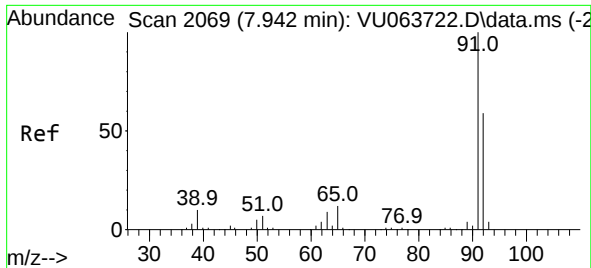
Ion Ratio Lower Upper

43 100

58 40.6 32.9 49.3

100 15.4 13.9 20.9





#42

Toluene

Concen: 5.803 ug/L

RT: 7.946 min Scan# 2069

Delta R.T. 0.003 min

Lab File: VU063720.D

Acq: 17 Nov 2025 11:16

Instrument :

MSVOA_U

ClientSampleId :

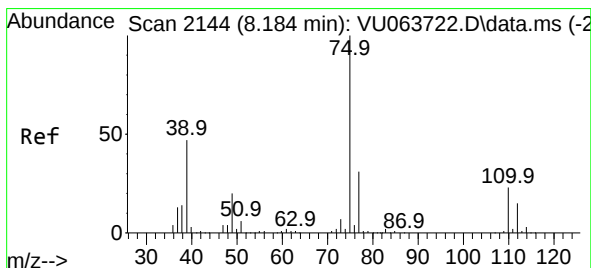
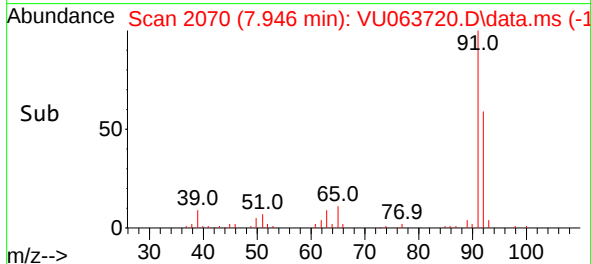
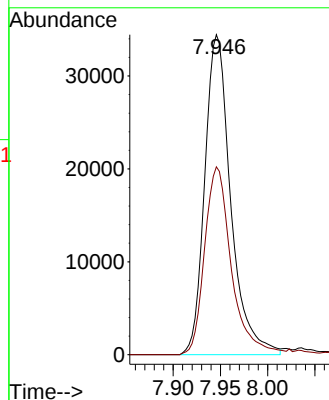
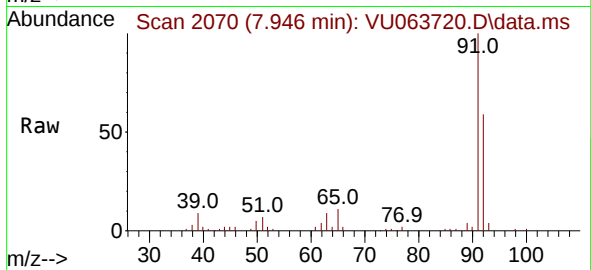
VSTD005045

Tgt Ion: 91 Resp: 65896

Ion Ratio Lower Upper

91 100

92 58.7 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 5.953 ug/L

RT: 8.190 min Scan# 2146

Delta R.T. 0.006 min

Lab File: VU063720.D

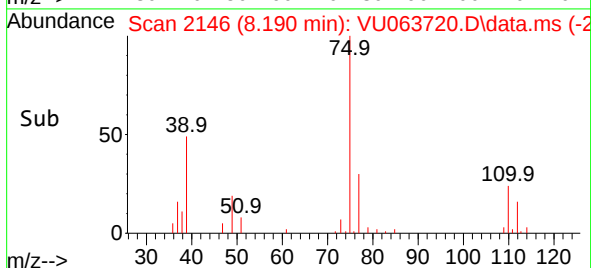
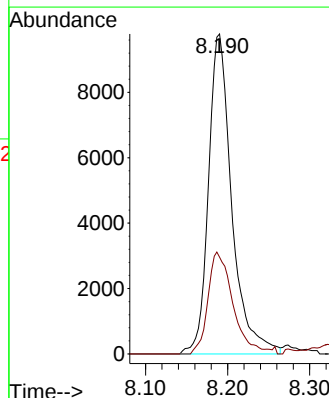
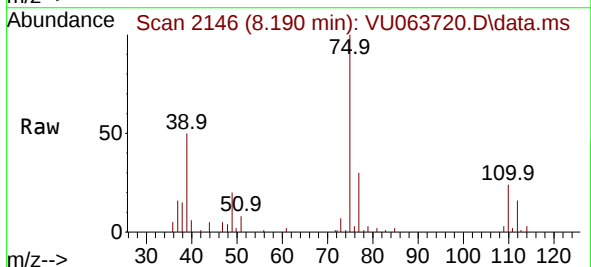
Acq: 17 Nov 2025 11:16

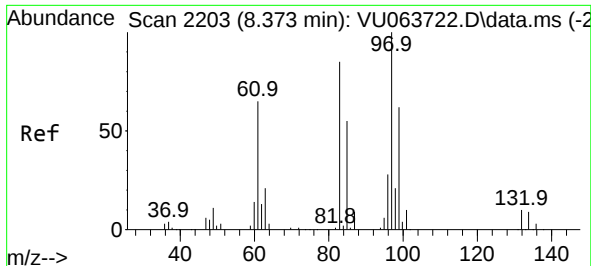
Tgt Ion: 75 Resp: 19309

Ion Ratio Lower Upper

75 100

77 30.3 21.4 39.8

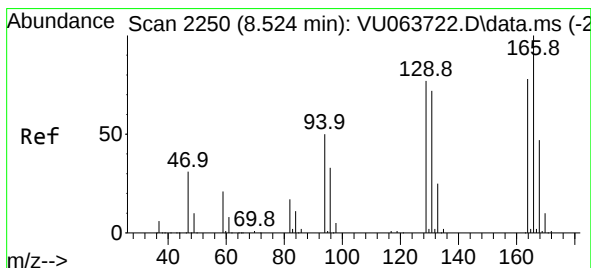
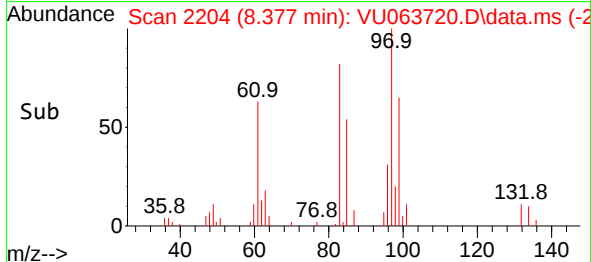
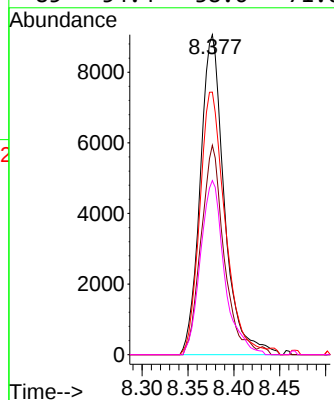
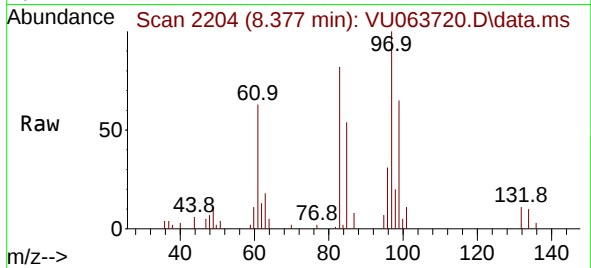




#45
1,1,2-Trichloroethane
Concen: 5.962 ug/L
RT: 8.377 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063720.D
Acq: 17 Nov 2025 11:16

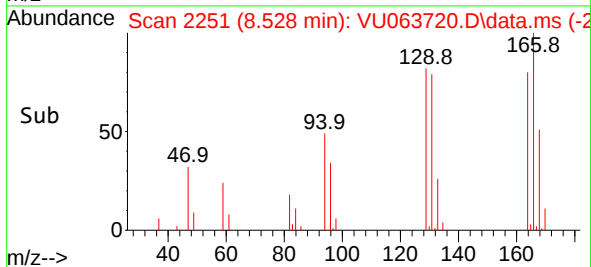
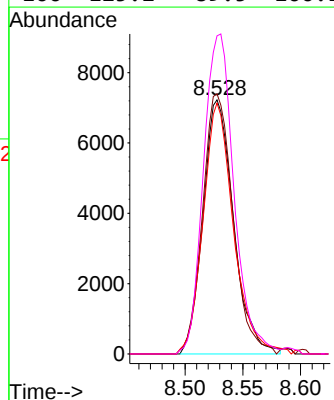
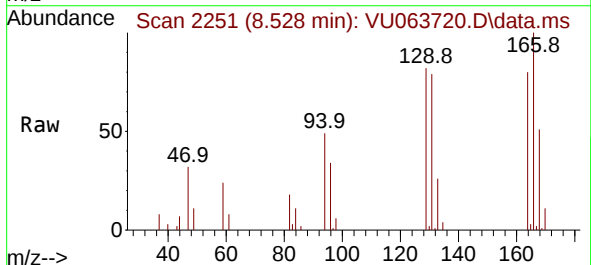
Instrument :
MSVOA_U
ClientSampleId :
VSTD005045

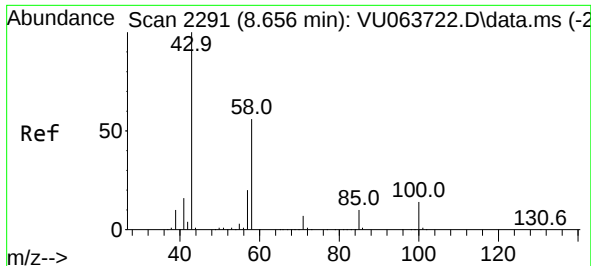
Tgt Ion:	97	Resp:	16592
Ion	Ratio	Lower	Upper
97	100		
99	65.4	43.7	81.1
83	82.0	59.7	110.9
85	54.4	38.6	71.6



#46
Tetrachloroethene
Concen: 6.213 ug/L
RT: 8.528 min Scan# 2251
Delta R.T. 0.003 min
Lab File: VU063720.D
Acq: 17 Nov 2025 11:16

Tgt Ion:	164	Resp:	13297
Ion	Ratio	Lower	Upper
164	100		
129	102.4	68.5	127.3
131	98.7	64.3	119.3
166	125.2	89.5	166.1

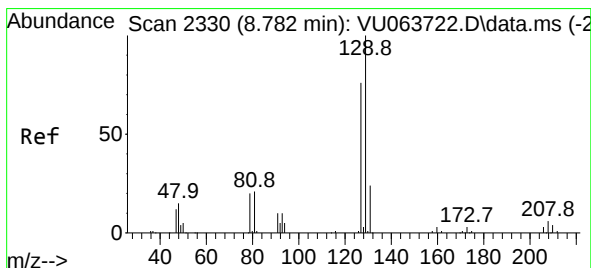
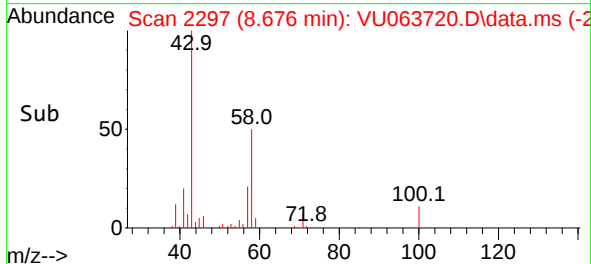
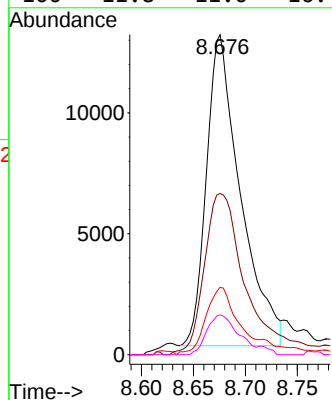
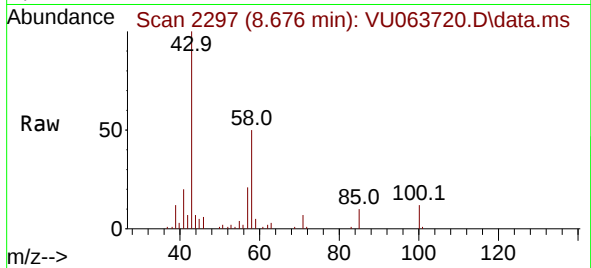




#48
2-Hexanone
Concen: 9.319 ug/L
RT: 8.676 min Scan# 21
Delta R.T. 0.019 min
Lab File: VU063720.D
Acq: 17 Nov 2025 11:16

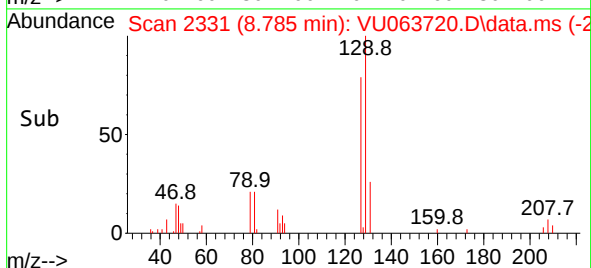
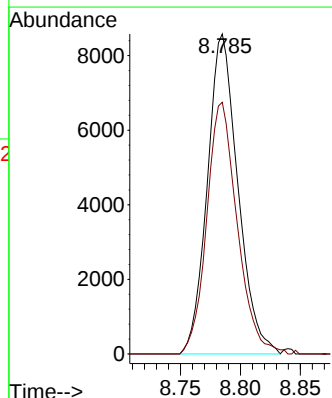
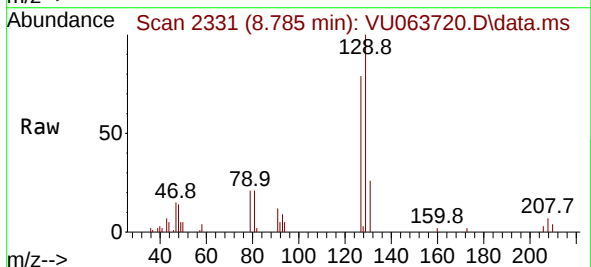
Instrument :
MSVOA_U
ClientSampleId :
VSTD005045

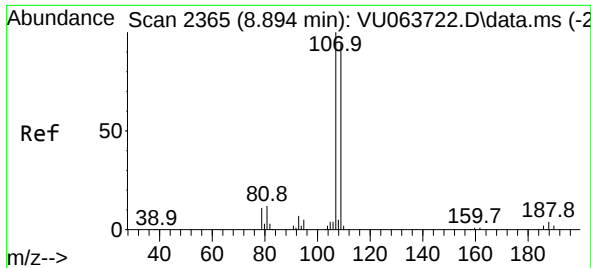
Tgt Ion: 43	Resp:	29236	
Ion	Ratio	Lower	Upper
43	100		
58	63.4	44.8	67.2
57	20.5	16.6	24.8
100	11.8	11.0	16.4



#49
Dibromochloromethane
Concen: 6.010 ug/L
RT: 8.785 min Scan# 2331
Delta R.T. 0.003 min
Lab File: VU063720.D
Acq: 17 Nov 2025 11:16

Tgt Ion:129	Resp:	15200	
Ion	Ratio	Lower	Upper
129	100		
127	78.6	53.4	99.2

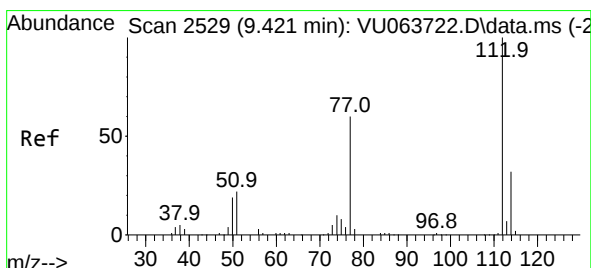
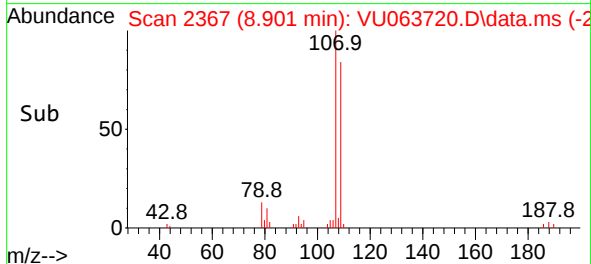
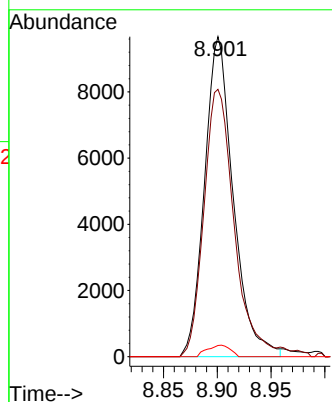
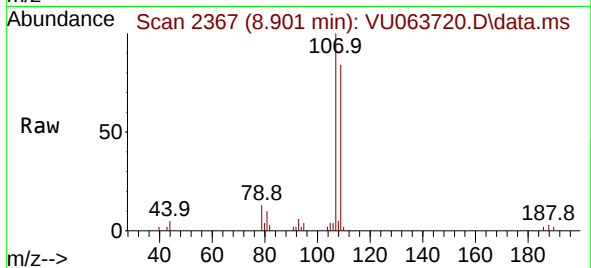




#50
1,2-Dibromoethane
Concen: 6.216 ug/L
RT: 8.901 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU063720.D
Acq: 17 Nov 2025 11:16

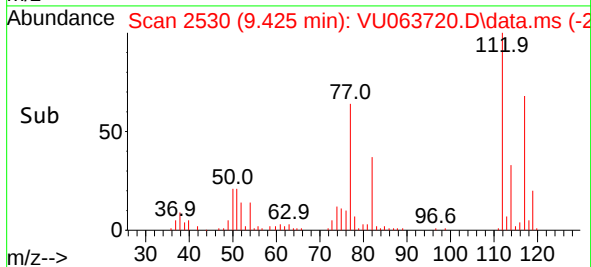
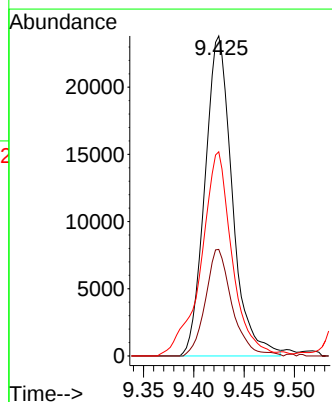
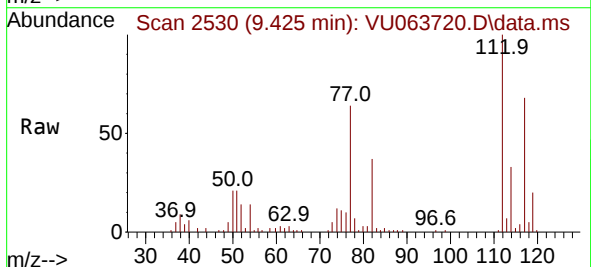
Instrument :
MSVOA_U
ClientSampleId :
VSTD005045

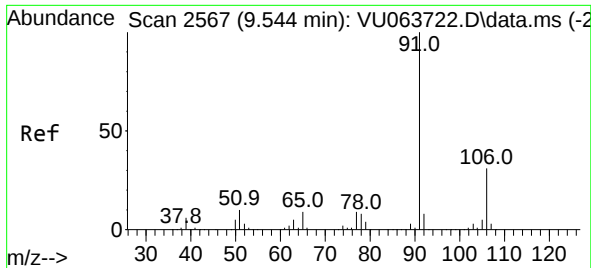
Tgt Ion:	107	Resp:	17971
Ion	Ratio	Lower	Upper
107	100		
109	83.5	65.8	122.2
188	3.5	3.2	4.8



#51
Chlorobenzene
Concen: 5.975 ug/L
RT: 9.425 min Scan# 2530
Delta R.T. 0.003 min
Lab File: VU063720.D
Acq: 17 Nov 2025 11:16

Tgt Ion:	112	Resp:	45068
Ion	Ratio	Lower	Upper
112	100		
114	33.3	22.1	41.1
77	63.8	48.0	72.0

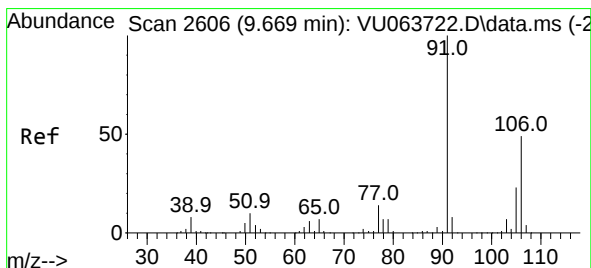
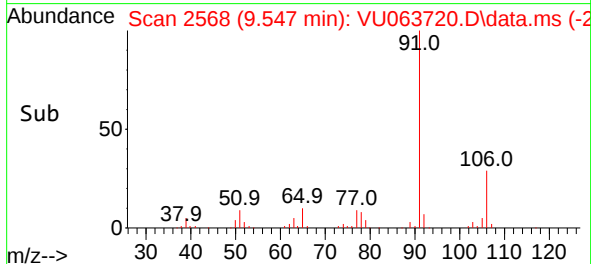
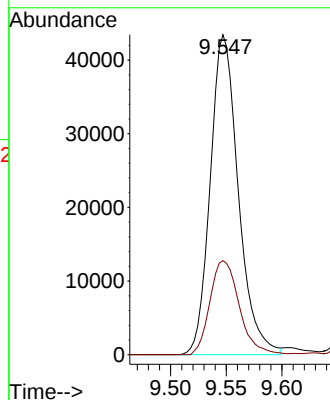
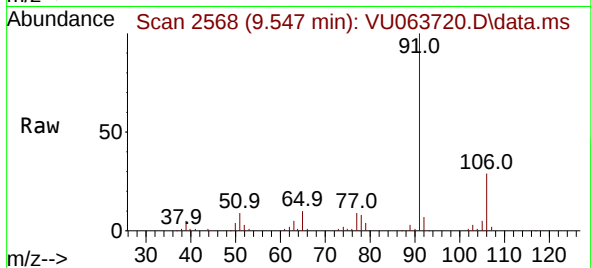




#52
Ethylbenzene
Concen: 6.018 ug/L
RT: 9.547 min Scan# 2567
Delta R.T. 0.003 min
Lab File: VU063720.D
Acq: 17 Nov 2025 11:16

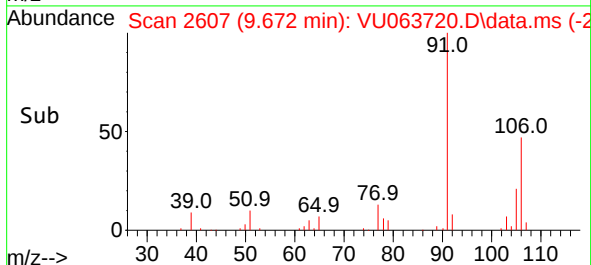
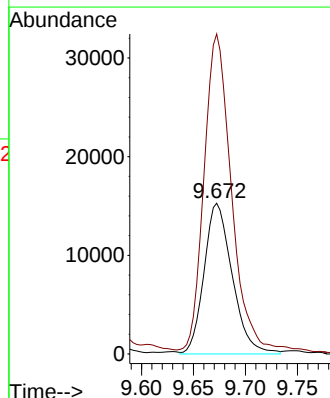
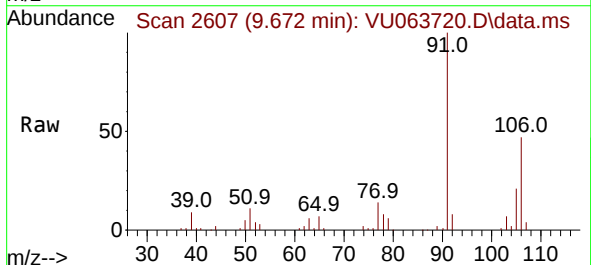
Instrument :
MSVOA_U
ClientSampleId :
VSTD005045

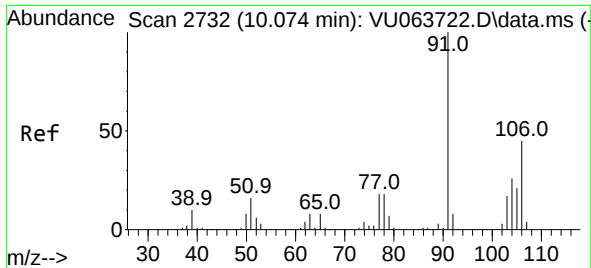
Tgt Ion: 91 Resp: 76125
Ion Ratio Lower Upper
91 100
106 29.4 21.3 39.6



#53
m,p-Xylene
Concen: 6.065 ug/L
RT: 9.672 min Scan# 2607
Delta R.T. 0.003 min
Lab File: VU063720.D
Acq: 17 Nov 2025 11:16

Tgt Ion: 106 Resp: 28858
Ion Ratio Lower Upper
106 100
91 212.2 143.6 266.6

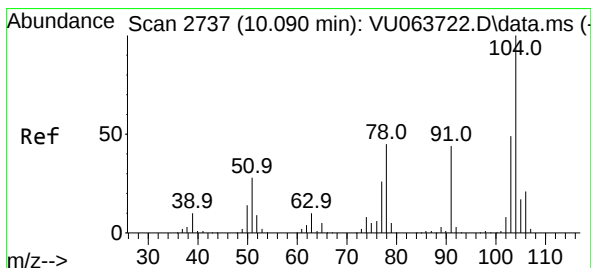
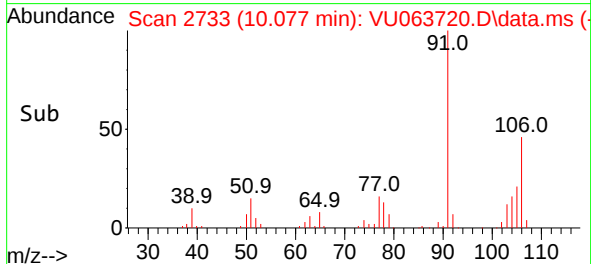
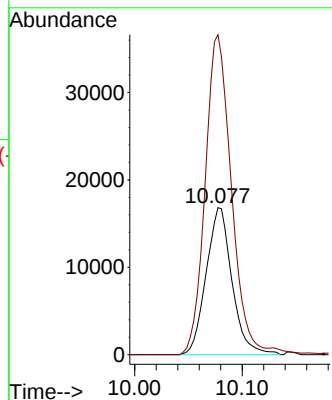
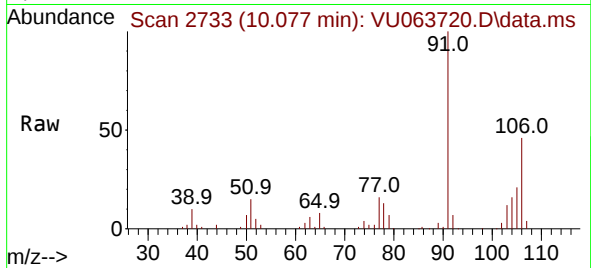




#54
o-Xylene
Concen: 5.998 ug/L
RT: 10.077 min Scan# 2733
Delta R.T. 0.003 min
Lab File: VU063720.D
Acq: 17 Nov 2025 11:16

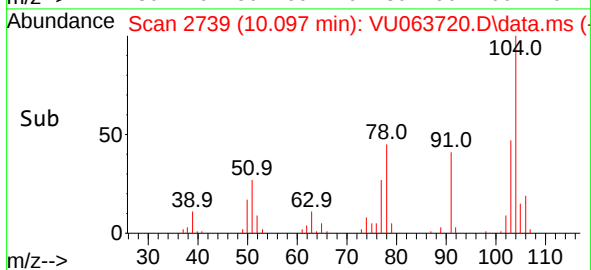
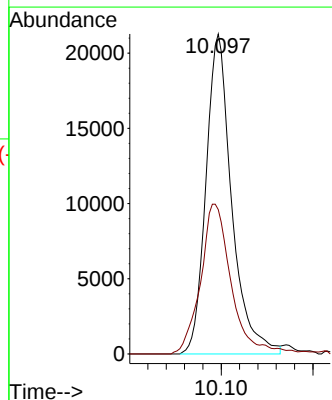
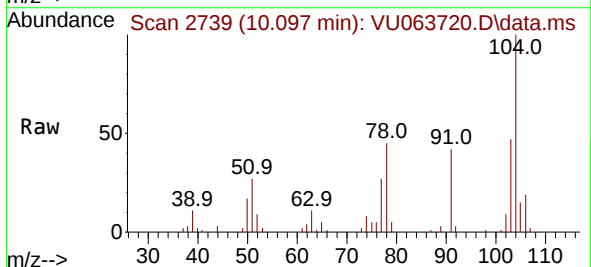
Instrument :
MSVOA_U
ClientSampleId :
VSTD005045

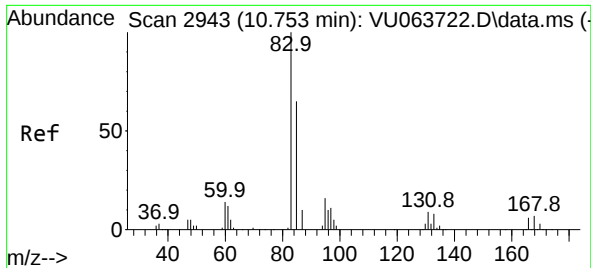
Tgt Ion:106 Resp: 28098
Ion Ratio Lower Upper
106 100
91 217.6 156.0 289.6



#55
Styrene
Concen: 5.398 ug/L
RT: 10.097 min Scan# 2739
Delta R.T. 0.006 min
Lab File: VU063720.D
Acq: 17 Nov 2025 11:16

Tgt Ion:104 Resp: 41442
Ion Ratio Lower Upper
104 100
78 45.1 32.0 59.4

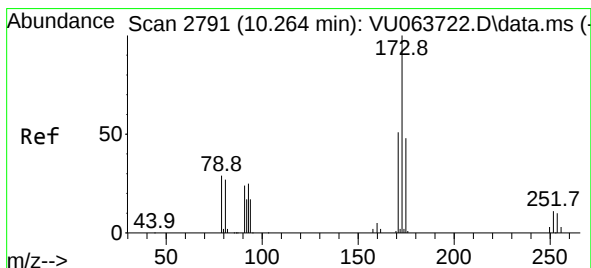
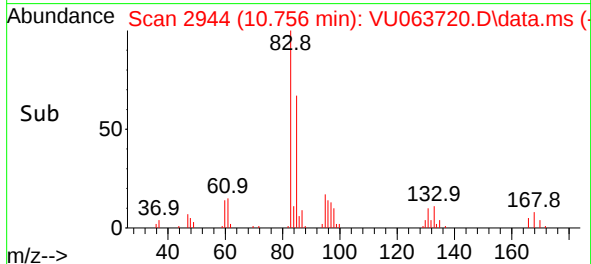
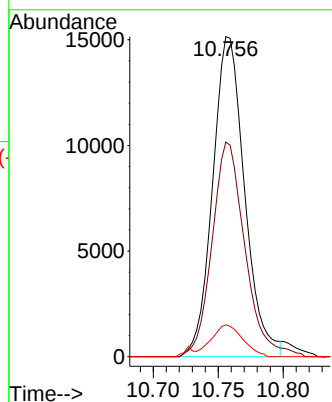
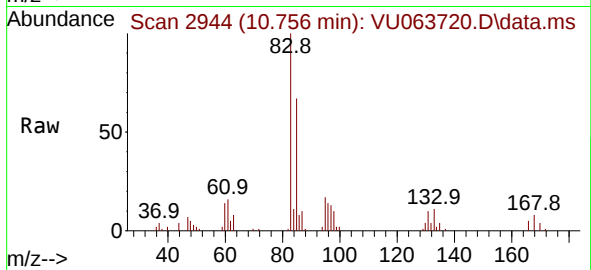




#57
1,1,2,2-Tetrachloroethane
Concen: 5.541 ug/L
RT: 10.756 min Scan# 2944
Delta R.T. 0.003 min
Lab File: VU063720.D
Acq: 17 Nov 2025 11:16

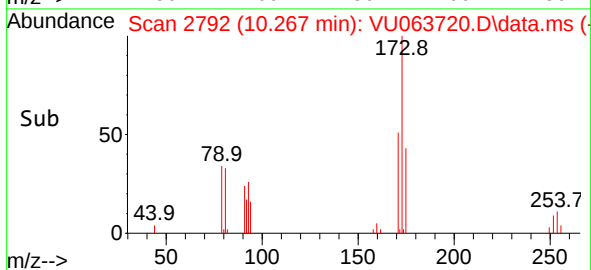
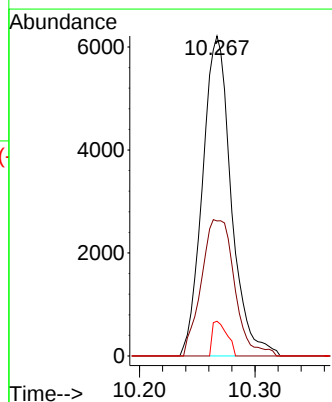
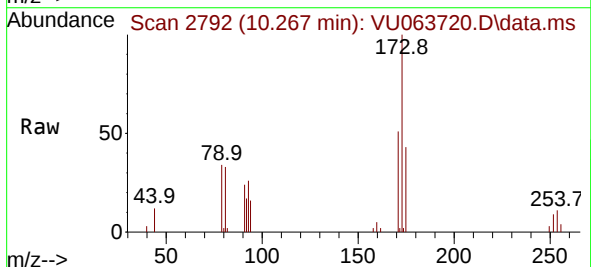
Instrument :
MSVOA_U
ClientSampleId :
VSTD005045

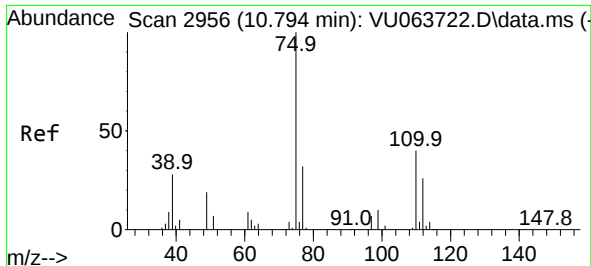
Tgt Ion: 83 Resp: 25897
Ion Ratio Lower Upper
83 100
85 67.1 45.7 84.9
131 9.9 7.4 11.2



#59
Bromoform
Concen: 6.341 ug/L
RT: 10.267 min Scan# 2792
Delta R.T. 0.003 min
Lab File: VU063720.D
Acq: 17 Nov 2025 11:16

Tgt Ion: 173 Resp: 10726
Ion Ratio Lower Upper
173 100
175 25.3 38.2 57.4#
254 5.6 6.9 10.3#

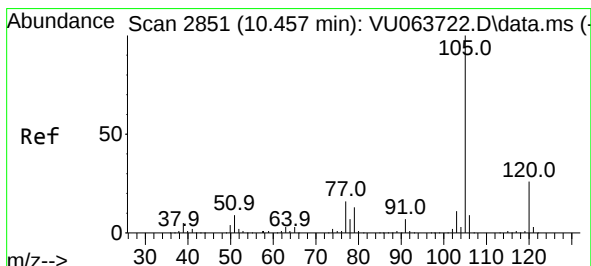
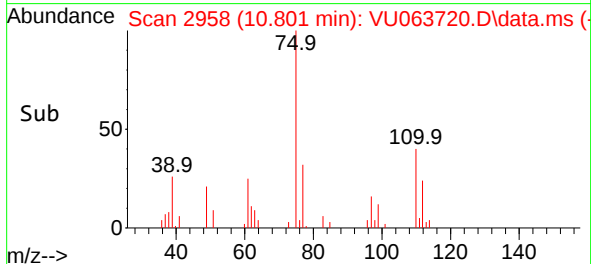
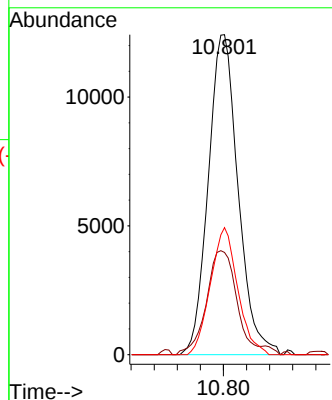
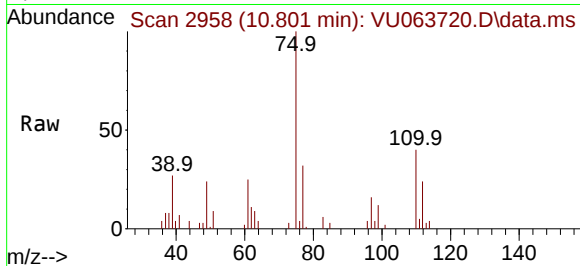




#60
1,2,3-Trichloropropane
Concen: 6.289 ug/L
RT: 10.801 min Scan# 2958
Delta R.T. 0.006 min
Lab File: VU063720.D
Acq: 17 Nov 2025 11:16

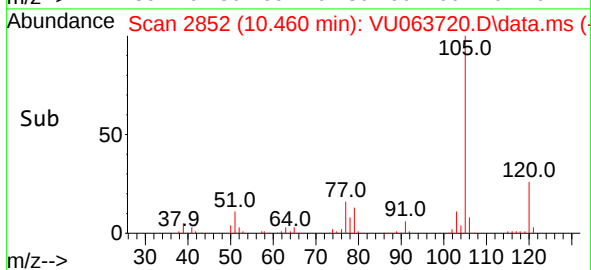
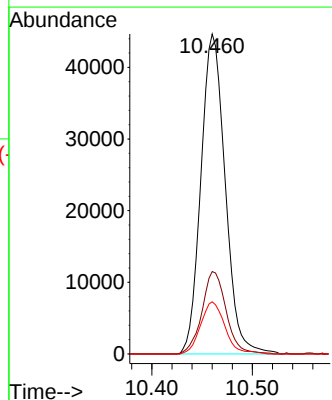
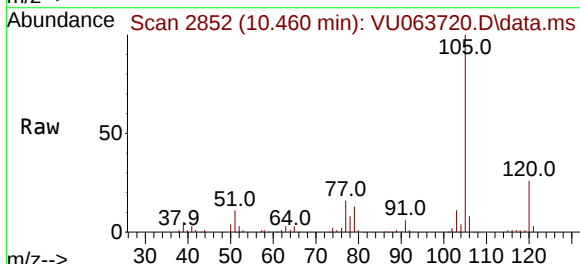
Instrument :
MSVOA_U
ClientSampleId :
VSTD005045

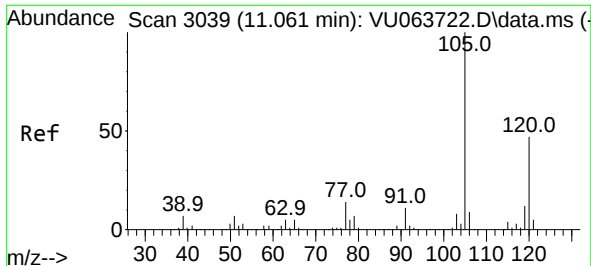
Tgt Ion:	75	Resp:	22286
Ion	Ratio	Lower	Upper
75	100		
77	32.7	26.1	39.1
110	36.4	32.3	48.5



#61
Isopropylbenzene
Concen: 6.429 ug/L
RT: 10.460 min Scan# 2852
Delta R.T. 0.003 min
Lab File: VU063720.D
Acq: 17 Nov 2025 11:16

Tgt Ion:	105	Resp:	74961
Ion	Ratio	Lower	Upper
105	100		
120	25.7	20.7	31.1
77	16.3	12.9	19.3

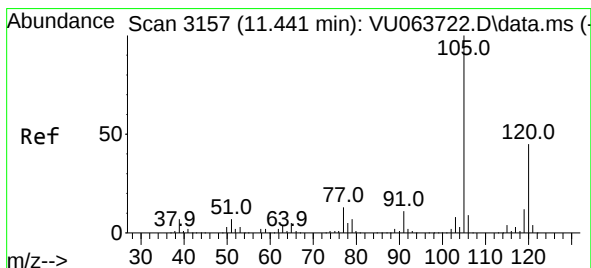
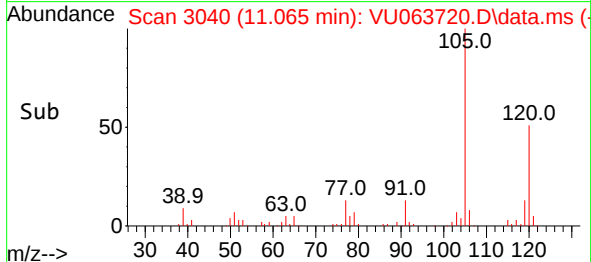
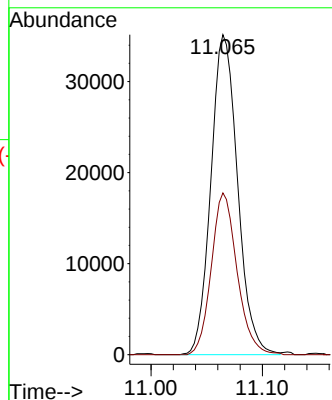
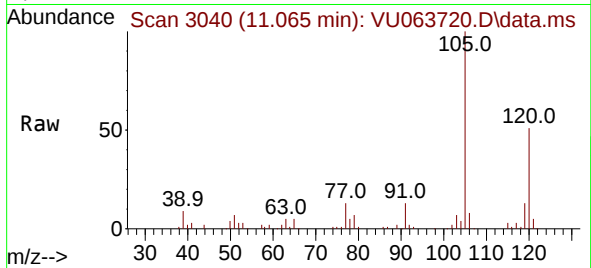




#62
1,3,5-Trimethylbenzene
Concen: 6.121 ug/L
RT: 11.065 min Scan# 3039
Delta R.T. 0.003 min
Lab File: VU063720.D
Acq: 17 Nov 2025 11:16

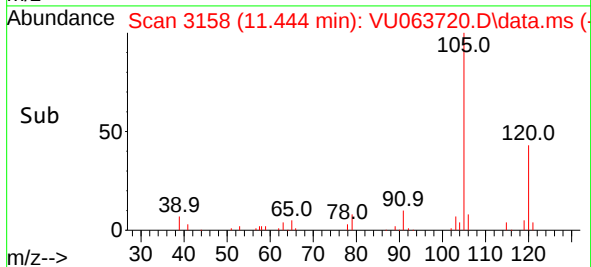
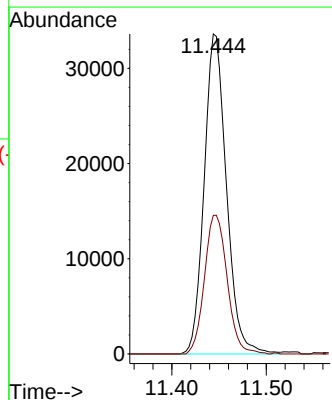
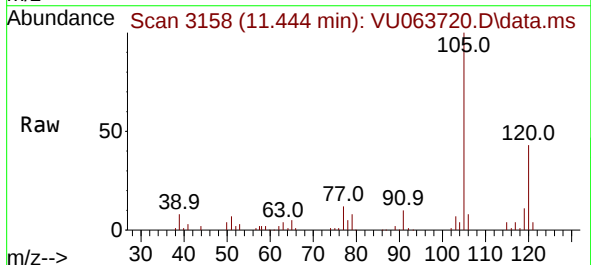
Instrument :
MSVOA_U
ClientSampleId :
VSTD005045

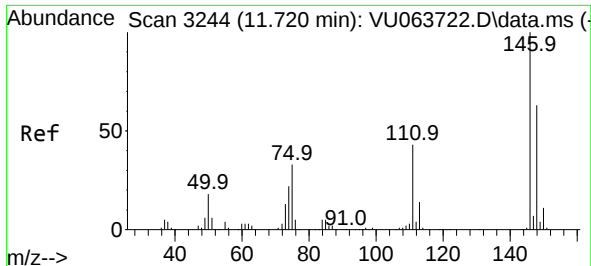
Tgt Ion:105 Resp: 58565
Ion Ratio Lower Upper
105 100
120 48.8 37.8 56.6



#63
1,2,4-Trimethylbenzene
Concen: 5.953 ug/L
RT: 11.444 min Scan# 3158
Delta R.T. 0.003 min
Lab File: VU063720.D
Acq: 17 Nov 2025 11:16

Tgt Ion:105 Resp: 55048
Ion Ratio Lower Upper
105 100
120 44.2 35.6 53.4

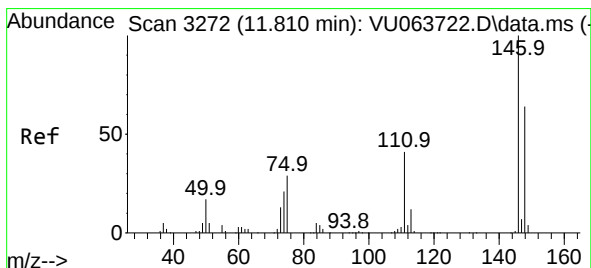
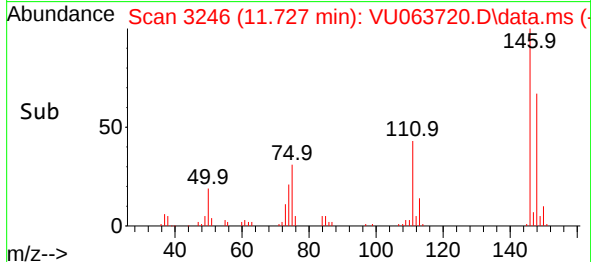
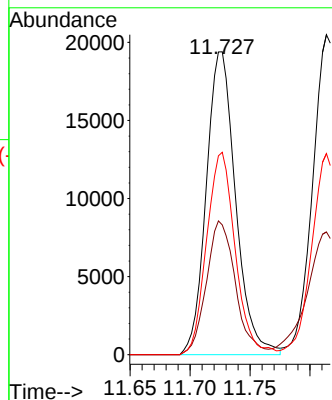
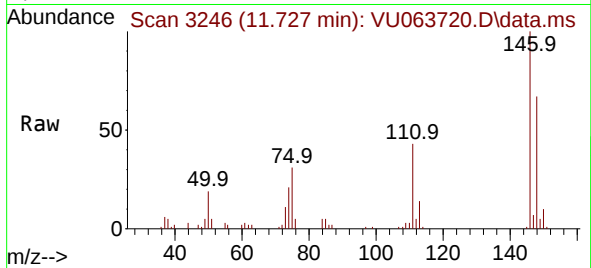




#64
1,3-Dichlorobenzene
Concen: 6.241 ug/L
RT: 11.727 min Scan# 31
Delta R.T. 0.006 min
Lab File: VU063720.D
Acq: 17 Nov 2025 11:16

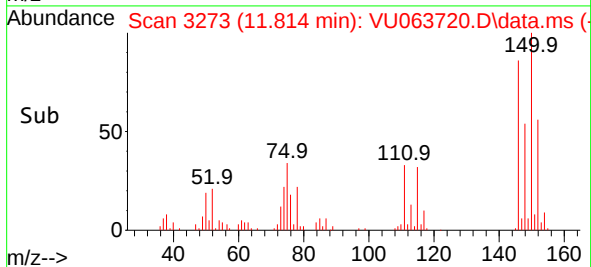
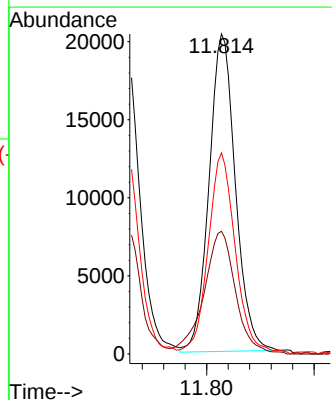
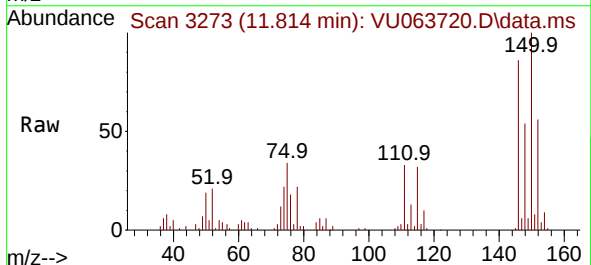
Instrument :
MSVOA_U
ClientSampleId :
VSTD005045

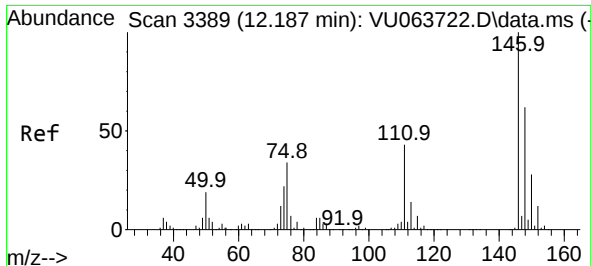
Tgt Ion:146 Resp: 33057
Ion Ratio Lower Upper
146 100
111 42.9 29.8 55.3
148 66.8 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 6.476 ug/L
RT: 11.814 min Scan# 3273
Delta R.T. 0.003 min
Lab File: VU063720.D
Acq: 17 Nov 2025 11:16

Tgt Ion:146 Resp: 34621
Ion Ratio Lower Upper
146 100
111 38.3 28.8 53.4
148 62.9 44.9 83.3





#67

1,2-Dichlorobenzene

Concen: 6.191 ug/L

RT: 12.190 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU063720.D

Acq: 17 Nov 2025 11:16

Instrument :

MSVOA_U

ClientSampleId :

VSTD005045

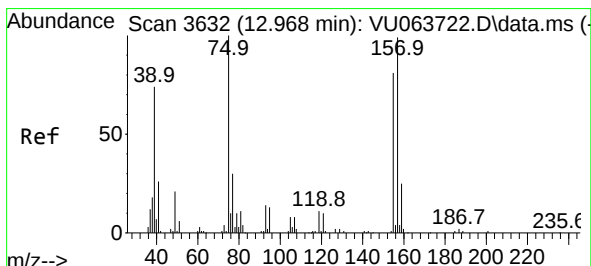
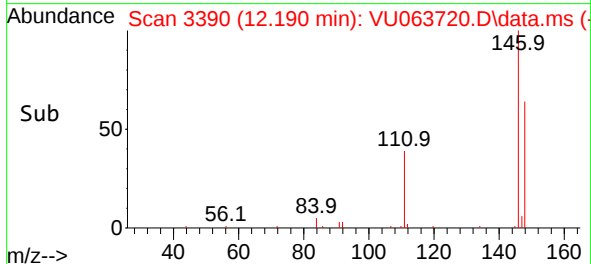
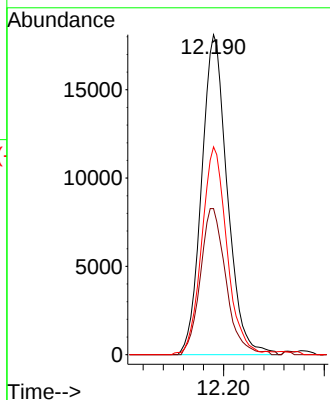
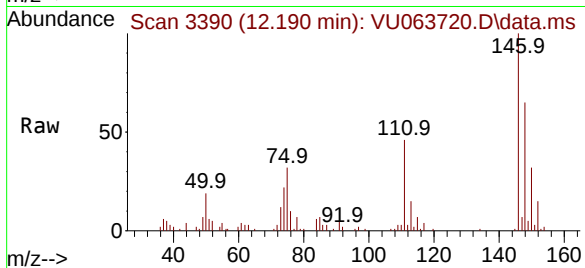
Tgt Ion:146 Resp: 32109

Ion Ratio Lower Upper

146 100

111 45.6 34.2 51.4

148 65.0 49.6 74.4



#68

1,2-Dibromo-3-chloropropane

Concen: 5.273 ug/L

RT: 12.971 min Scan# 3633

Delta R.T. 0.003 min

Lab File: VU063720.D

Acq: 17 Nov 2025 11:16

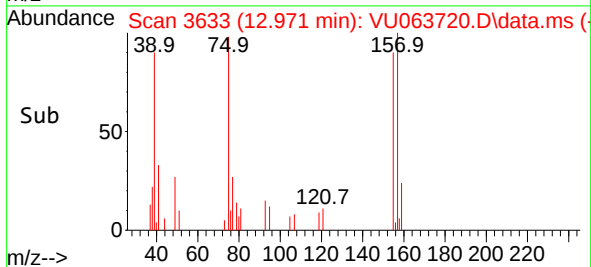
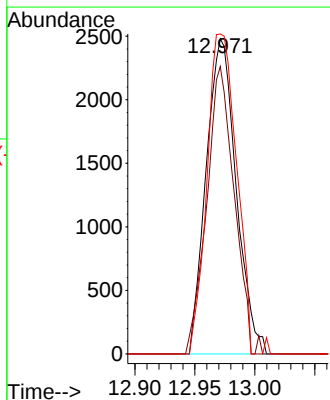
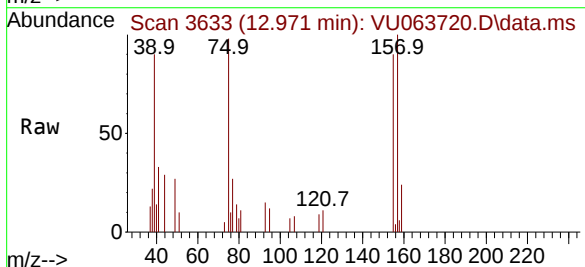
Tgt Ion: 75 Resp: 4310

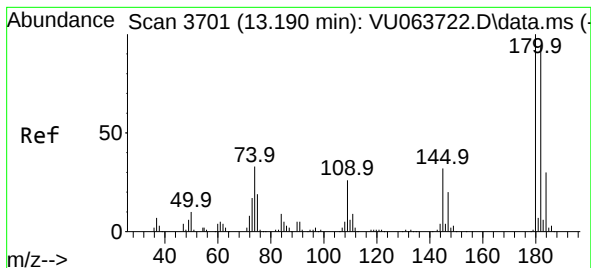
Ion Ratio Lower Upper

75 100

155 91.2 64.6 97.0

157 107.4 78.8 118.2





#69

1,3,5-Trichlorobenzene

Concen: 5.437 ug/L

RT: 13.196 min Scan# 31

Delta R.T. 0.006 min

Lab File: VU063720.D

Acq: 17 Nov 2025 11:16

Instrument :

MSVOA_U

ClientSampleId :

VSTD005045

Tgt Ion:180 Resp: 20095

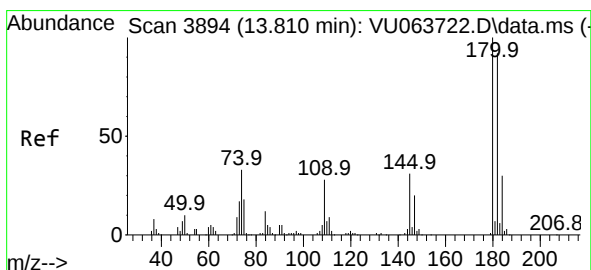
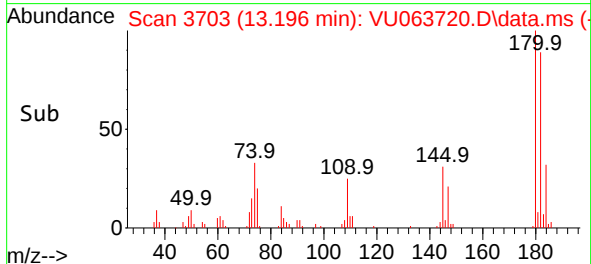
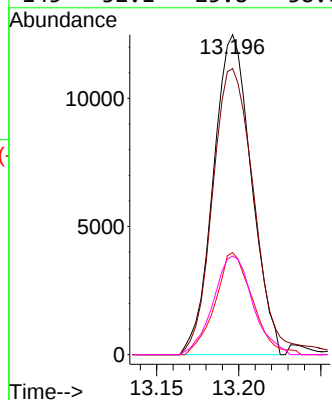
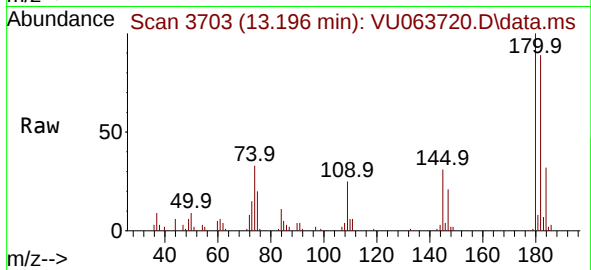
Ion Ratio Lower Upper

180 100

182 98.1 76.4 114.6

184 31.3 24.4 36.6

145 32.1 25.8 38.6



#70

1,2,4-trichlorobenzene

Concen: 5.240 ug/L

RT: 13.820 min Scan# 3897

Delta R.T. 0.010 min

Lab File: VU063720.D

Acq: 17 Nov 2025 11:16

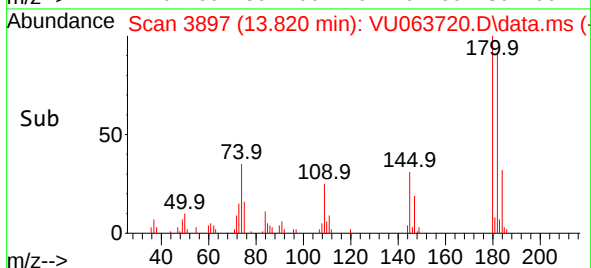
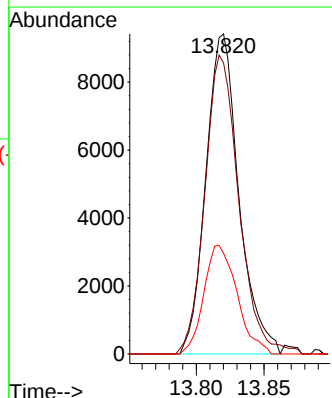
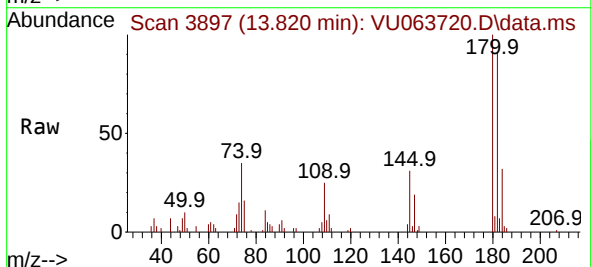
Tgt Ion:180 Resp: 15957

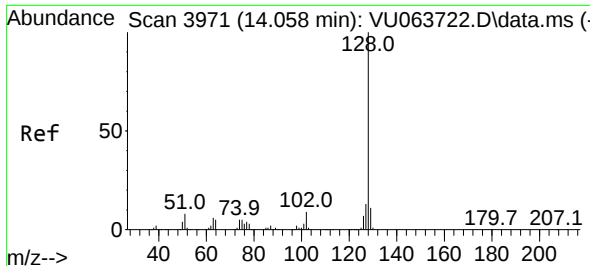
Ion Ratio Lower Upper

180 100

182 95.5 75.8 113.8

145 34.1 25.7 38.5

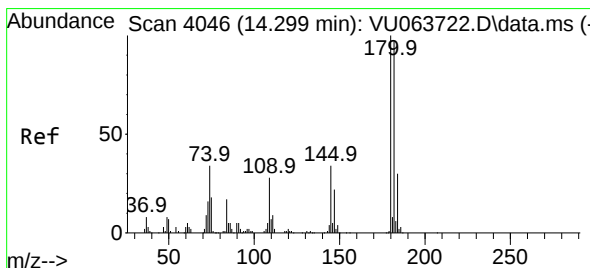
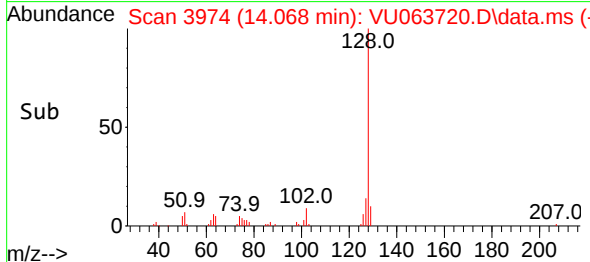
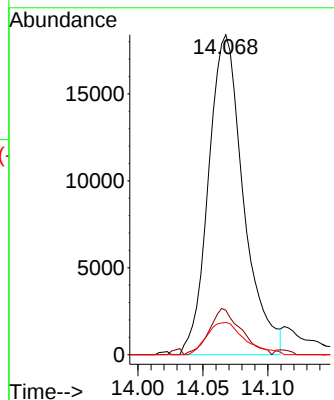
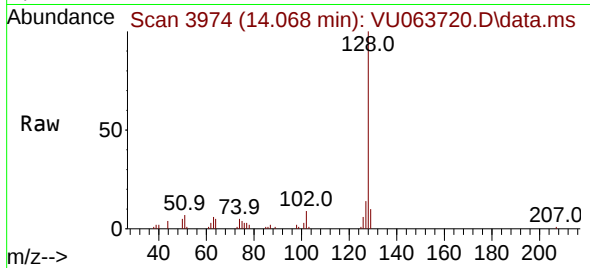




#71
Naphthalene
Concen: 4.166 ug/L
RT: 14.068 min Scan# 3971
Delta R.T. 0.010 min
Lab File: VU063720.D
Acq: 17 Nov 2025 11:16

Instrument :
MSVOA_U
ClientSampleId :
VSTD005045

Tgt Ion:	128	Resp:	34473
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.3	15.5
129	10.9	8.7	13.1



#72
1,2,3-Trichlorobenzene
Concen: 5.345 ug/L
RT: 14.306 min Scan# 4048
Delta R.T. 0.006 min
Lab File: VU063720.D
Acq: 17 Nov 2025 11:16

Tgt Ion:	180	Resp:	15598
Ion Ratio	Lower	Upper	
180	100		
182	94.1	76.9	115.3
145	29.2	26.6	39.8

