

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050825\
 Data File : VW031693.D
 Acq On : 08 May 2025 10:26
 Operator : SY/MD
 Sample : VSTD2.5
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5464

Quant Time: May 08 14:33:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050825SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 08 14:31:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	460220	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	317439	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	129000	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	20861	1.91	ug/L	0.00
7) Chloroethane-d5	2.899	69	15655	2.38	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	8990	1.98	ug/L	0.01
21) 2-Butanone-d5	7.276	46	144	0.06	ug/L	0.18
24) Chloroform-d	7.648	84	27421	2.54	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.306	65	11042	2.76	ug/L	0.00
32) Benzene-d6	8.276	84	56702	2.35	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	13932	2.51	ug/L	0.00
41) Toluene-d8	10.324	98	50306	2.30	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.574	79	4791	2.61	ug/L	0.00
47) 2-Hexanone-d5	10.928	63	5267	4.50	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	9777	2.60	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	11795	2.70	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.009	85	18915	2.06	ug/L #	85
3) Chloromethane	2.216	50	19549	2.69	ug/L	90
5) Vinyl chloride	2.362	62	24484	2.24	ug/L	90
6) Bromomethane	2.783	94	11280	2.55	ug/L	88
8) Chloroethane	2.935	64	12163	2.32	ug/L	93
9) Trichlorofluoromethane	3.252	101	18498	2.17	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.069	101	10399	0.92	ug/L #	44
12) 1,1-Dichloroethene	4.045	96	19245	2.20	ug/L	77
13) Acetone	4.161	43	4294	2.68	ug/L	79
14) Carbon disulfide	4.386	76	64055	2.32	ug/L	98
15) Methyl Acetate	4.685	43	2047	0.69	ug/L #	70
16) Methylene chloride	4.929	84	10458	2.19	ug/L	90
17) trans-1,2-Dichloroethene	5.435	96	18081	2.35	ug/L	93
18) Methyl tert-butyl Ether	5.441	73	4753	0.87	ug/L #	45
19) 1,1-Dichloroethane	6.221	63	28965	2.43	ug/L	97
20) cis-1,2-Dichloroethene	7.166	96	14037	2.38	ug/L	94
23) Bromochloromethane	7.514	128	5084	2.66	ug/L #	89
25) Chloroform	7.678	83	25445	2.48	ug/L	96
27) 1,2-Dichloroethane	8.404	62	12417	2.62	ug/L	98
29) Cyclohexane	7.959	56	40791	1.99	ug/L	98
30) 1,1,1-Trichloroethane	7.867	97	31382	2.35	ug/L	98
31) Carbon tetrachloride	8.069	117	29948	2.24	ug/L	100
33) Benzene	8.325	78	60435	2.33	ug/L	100
34) Trichloroethene	9.093	95	19617	2.30	ug/L	91
35) Methylcyclohexane	9.331	83	46575	2.07	ug/L	99
37) 1,2-Dichloropropane	9.367	63	11946	2.37	ug/L #	91
38) Bromodichloromethane	9.641	83	14750	2.66	ug/L #	98
39) cis-1,3-Dichloropropene	10.074	75	14891	2.39	ug/L	93
40) 4-Methyl-2-pentanone	10.208	43	14295	4.63	ug/L	93
42) Toluene	10.385	91	61359	2.23	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	11251	2.41	ug/L	95
45) 1,1,2-Trichloroethane	10.782	97	7316	2.55	ug/L	91

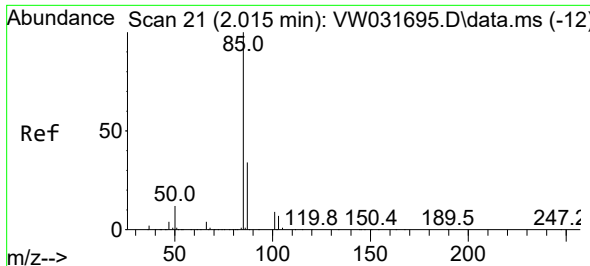
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050825\
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 Quant Title : SFAM01.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Tetrachloroethene	10.861	164	15591	2.19	ug/L	88
48) 2-Hexanone	10.970	43	10326	4.22	ug/L #	96
49) Dibromochloromethane	11.123	129	7705	2.66	ug/L	78
50) 1,2-Dibromoethane	11.233	107	6501	2.41	ug/L #	97
51) Chlorobenzene	11.653	112	34000	2.48	ug/L	99
52) Ethylbenzene	11.726	91	73048	2.20	ug/L	95
53) m,p-Xylene	11.836	106	26072	2.19	ug/L	87
54) o-Xylene	12.165	106	20734	2.21	ug/L	100
55) Styrene	12.178	104	28760	2.13	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	9607	2.58	ug/L	98
59) Bromoform	12.348	173	3708	2.42	ug/L #	92
60) Isopropylbenzene	12.458	105	75641	2.13	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	7114	2.50	ug/L	92
62) 1,3,5-Trimethylbenzene	12.940	105	51064	2.10	ug/L	98
63) 1,2,4-Trimethylbenzene	13.244	105	45232	2.19	ug/L	100
64) 1,3-Dichlorobenzene	13.494	146	22964	2.45	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	21025	2.41	ug/L #	81
67) 1,2-Dichlorobenzene	13.866	146	17598	2.47	ug/L	88
68) 1,2-Dibromo-3-chloropr...	14.476	75	2902	3.16	ug/L #	79
69) 1,3,5-Trichlorobenzene	14.622	180	15917	2.46	ug/L	96
70) 1,2,4-trichlorobenzene	15.128	180	10785	2.46	ug/L	94
71) Naphthalene	15.354	128	19879	2.34	ug/L #	77
72) 1,2,3-Trichlorobenzene	15.549	180	8848	2.49	ug/L	97

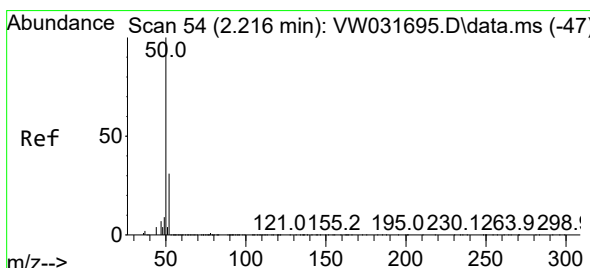
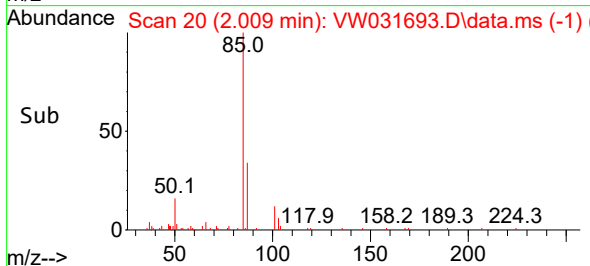
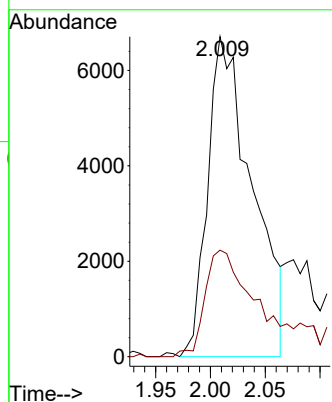
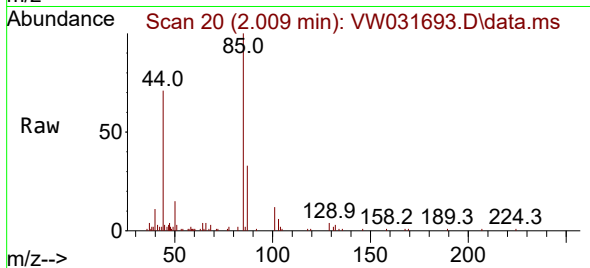
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 2.06 ug/L
RT: 2.009 min Scan# 20
Delta R.T. -0.007 min
Lab File: VW031693.D
Acq: 08 May 2025 10:26

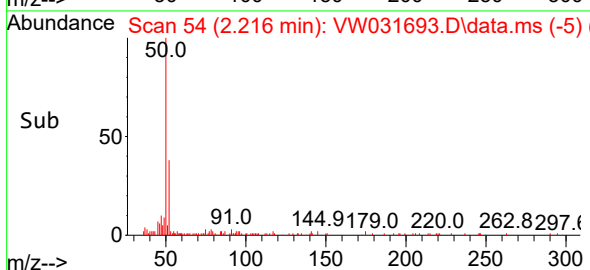
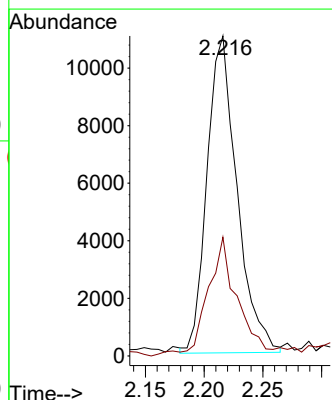
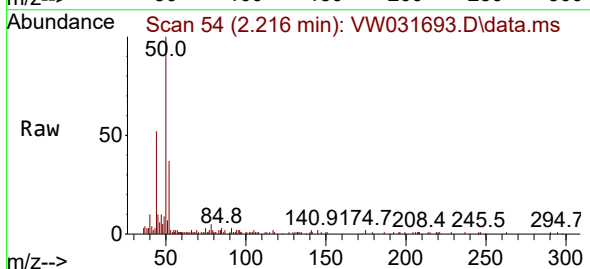
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5464

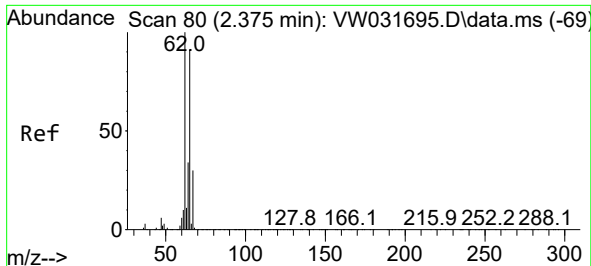
Tgt Ion: 85 Resp: 18915
Ion Ratio Lower Upper
85 100
87 34.8 0.1 0.1#



#3
Chloromethane
Concen: 2.69 ug/L
RT: 2.216 min Scan# 54
Delta R.T. -0.001 min
Lab File: VW031693.D
Acq: 08 May 2025 10:26

Tgt Ion: 50 Resp: 19549
Ion Ratio Lower Upper
50 100
52 37.1 22.0 41.0

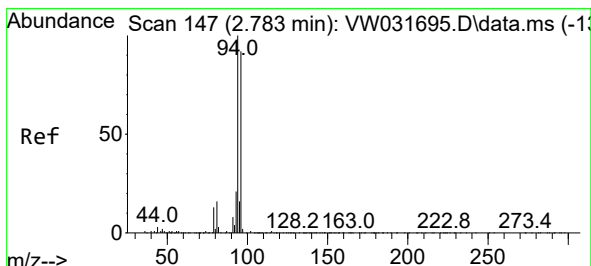
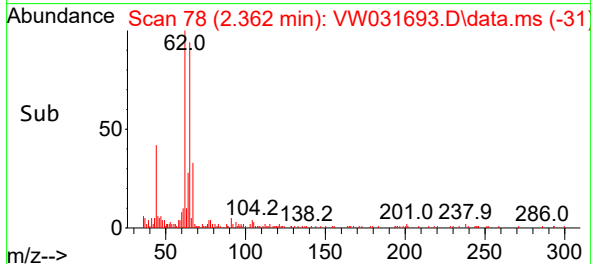
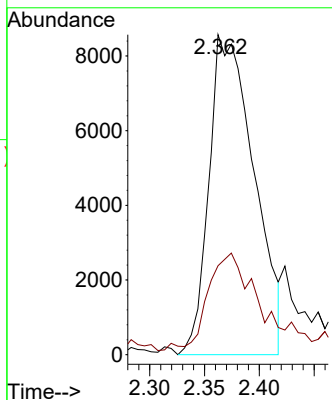
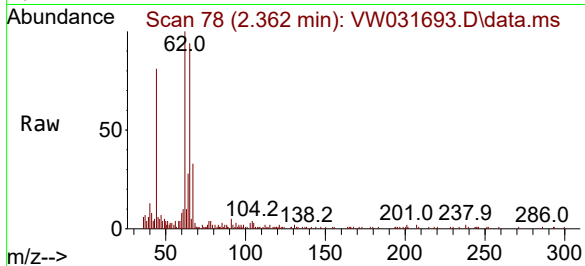




#5
 Vinyl chloride
 Concen: 2.24 ug/L
 RT: 2.362 min Scan# 78
 Delta R.T. -0.013 min
 Lab File: VW031693.D
 Acq: 08 May 2025 10:26

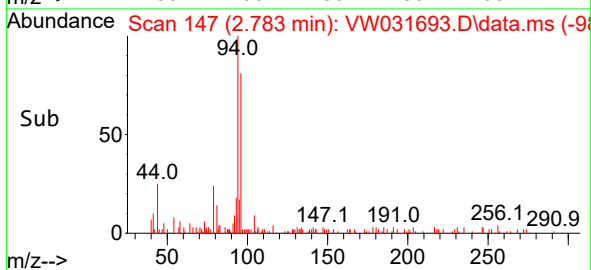
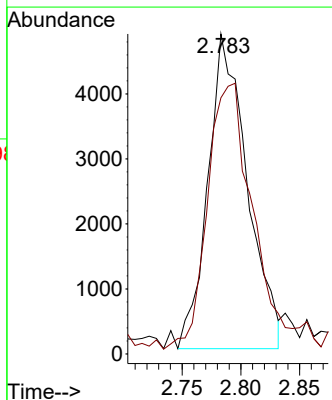
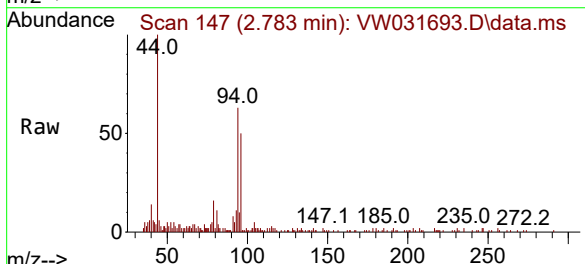
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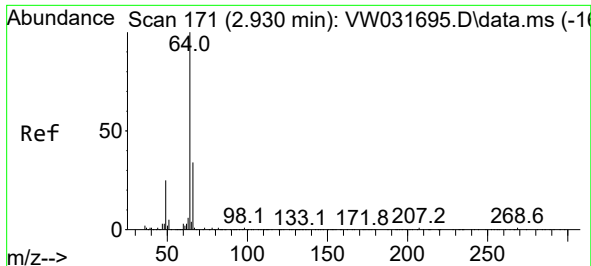
Tgt Ion: 62 Resp: 24484
 Ion Ratio Lower Upper
 62 100
 64 27.8 23.7 43.9



#6
 Bromomethane
 Concen: 2.55 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.001 min
 Lab File: VW031693.D
 Acq: 08 May 2025 10:26

Tgt Ion: 94 Resp: 11280
 Ion Ratio Lower Upper
 94 100
 96 80.0 64.3 119.3

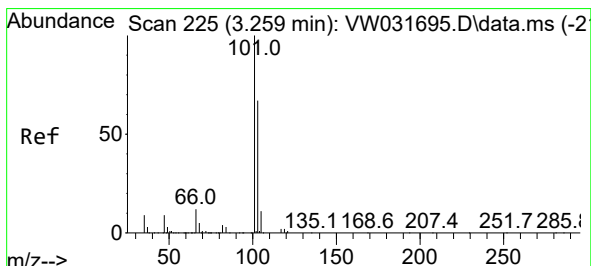
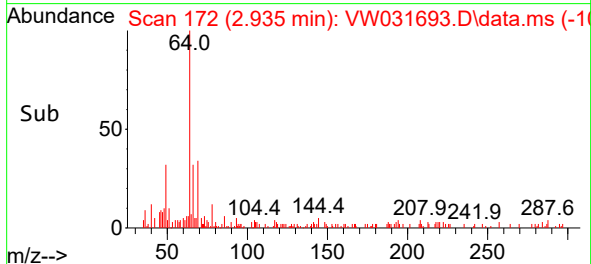
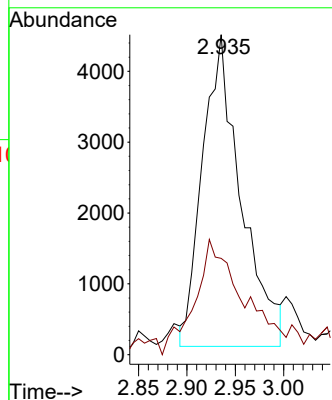
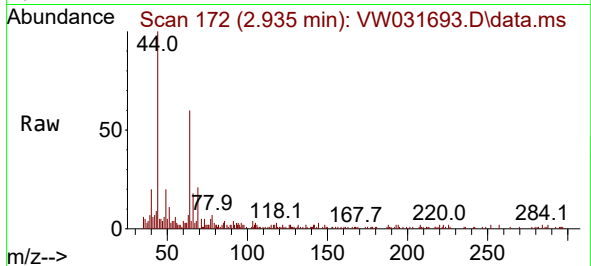




#8
Chloroethane
Concen: 2.32 ug/L
RT: 2.935 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW031693.D
Acq: 08 May 2025 10:26

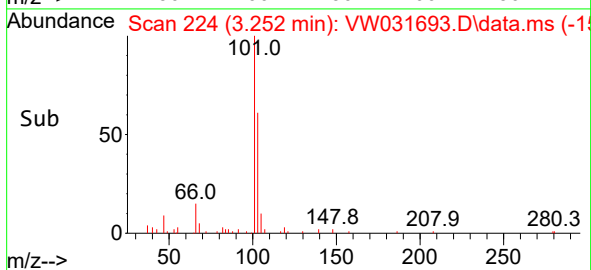
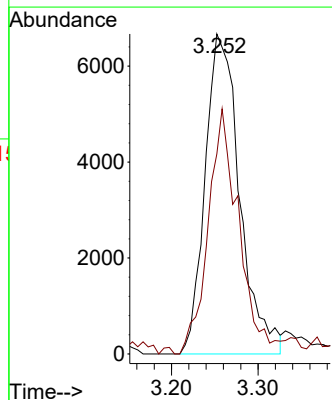
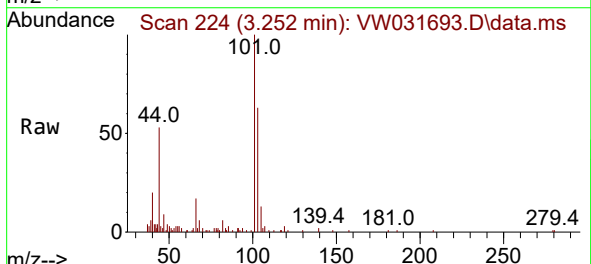
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ClientSampleId :
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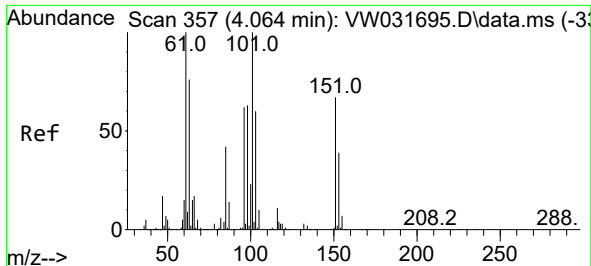
Tgt Ion: 64 Resp: 12163
Ion Ratio Lower Upper
64 100
66 30.1 23.9 44.5



#9
Trichlorofluoromethane
Concen: 2.17 ug/L
RT: 3.252 min Scan# 224
Delta R.T. -0.007 min
Lab File: VW031693.D
Acq: 08 May 2025 10:26

Tgt Ion: 101 Resp: 18498
Ion Ratio Lower Upper
101 100
103 65.0 51.8 77.8

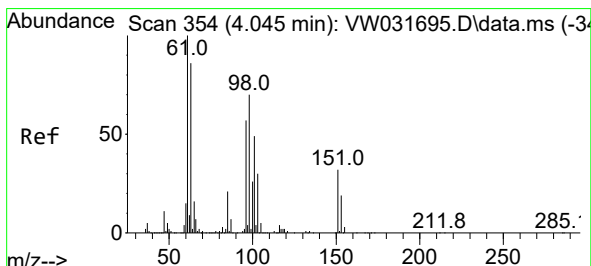
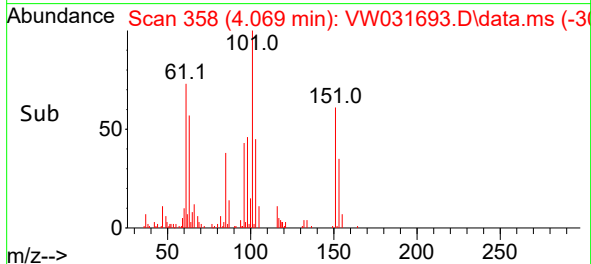
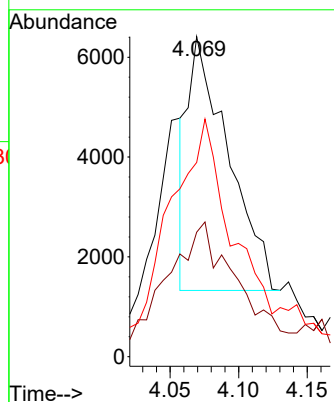
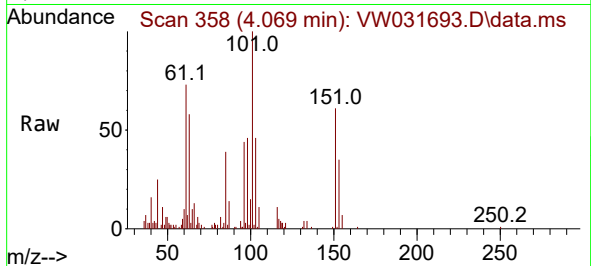




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.92 ug/L
 RT: 4.069 min Scan# 358
 Delta R.T. 0.006 min
 Lab File: VW031693.D
 Acq: 08 May 2025 10:26

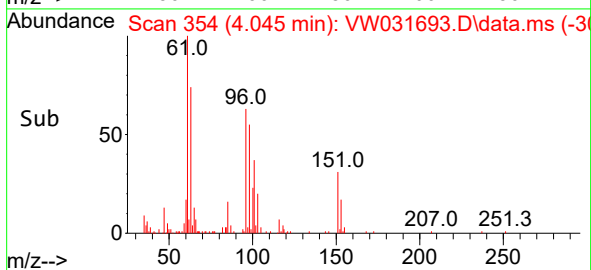
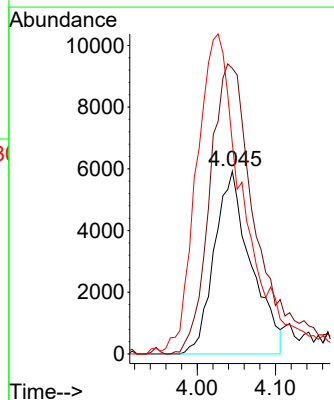
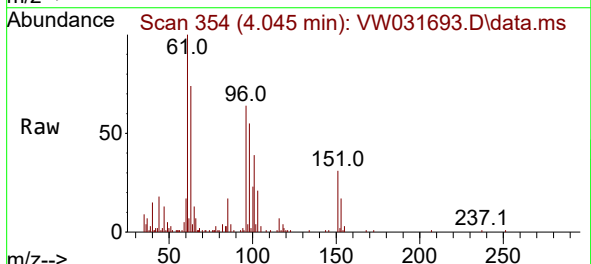
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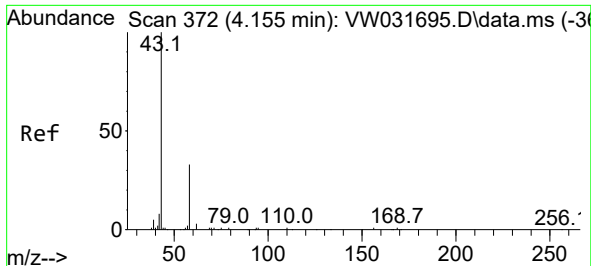
Tgt Ion:101 Resp: 10399
 Ion Ratio Lower Upper
 101 100
 85 58.3 31.8 47.6#
 151 126.2 54.6 82.0#



#12
 1,1-Dichloroethene
 Concen: 2.20 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.001 min
 Lab File: VW031693.D
 Acq: 08 May 2025 10:26

Tgt Ion: 96 Resp: 19245
 Ion Ratio Lower Upper
 96 100
 61 156.4 124.5 231.1
 63 115.1 110.2 204.6

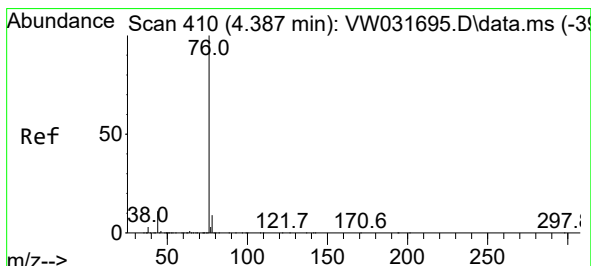
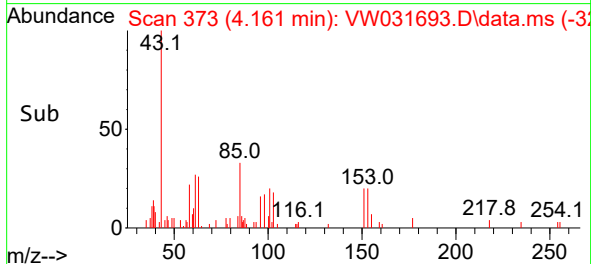
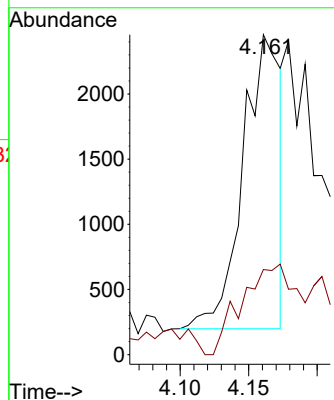
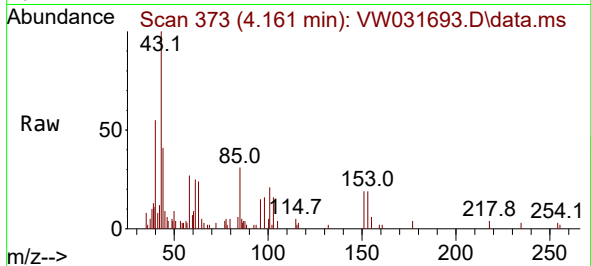




#13
Acetone
Concen: 2.68 ug/L
RT: 4.161 min Scan# 31
Delta R.T. 0.006 min
Lab File: VW031693.D
Acq: 08 May 2025 10:26

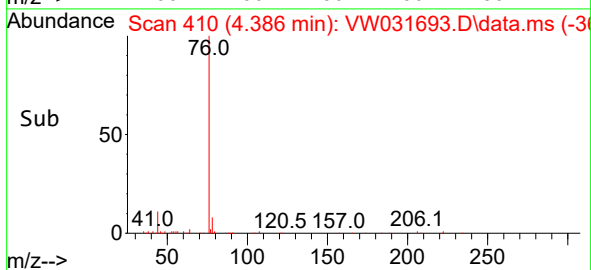
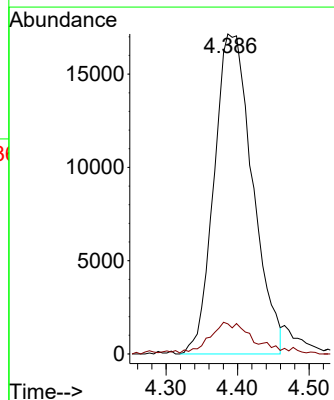
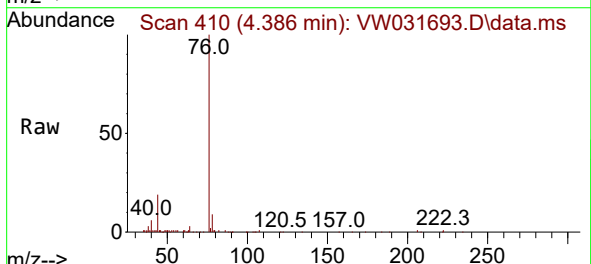
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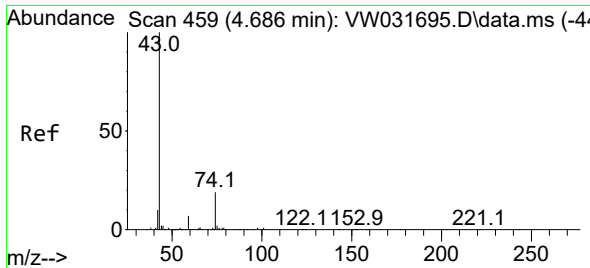
Tgt Ion: 43 Resp: 4294
Ion Ratio Lower Upper
43 100
58 45.0 0.0 66.2



#14
Carbon disulfide
Concen: 2.32 ug/L
RT: 4.386 min Scan# 410
Delta R.T. -0.001 min
Lab File: VW031693.D
Acq: 08 May 2025 10:26

Tgt Ion: 76 Resp: 64055
Ion Ratio Lower Upper
76 100
78 9.4 6.9 10.3

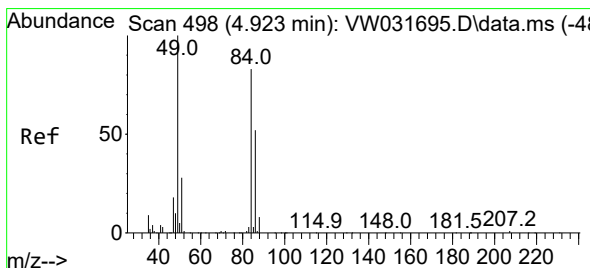
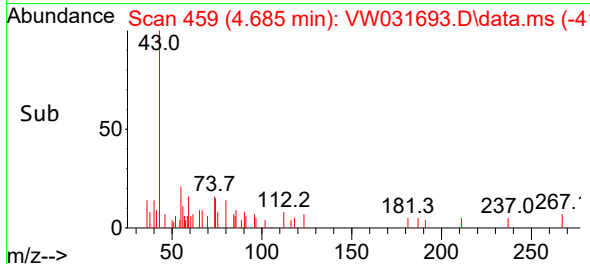
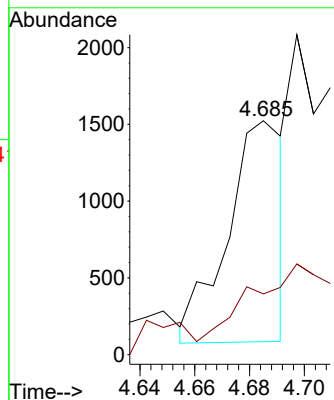
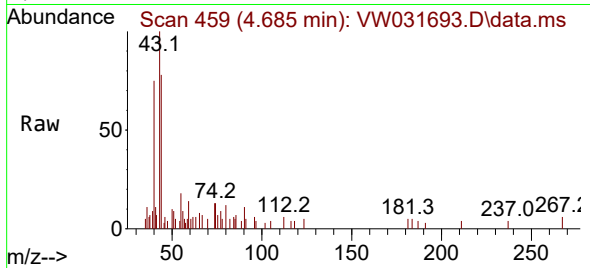




#15
Methyl Acetate
Concen: 0.69 ug/L
RT: 4.685 min Scan# 459
Delta R.T. -0.001 min
Lab File: VW031693.D
Acq: 08 May 2025 10:26

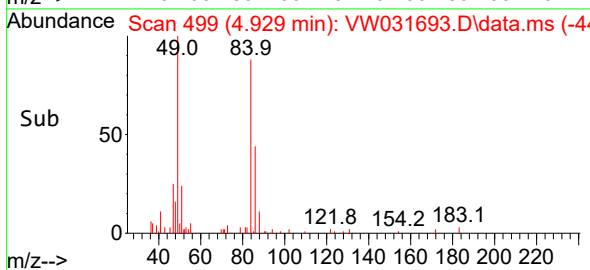
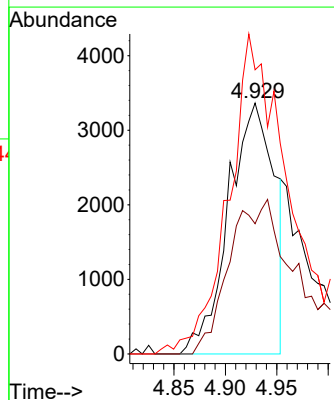
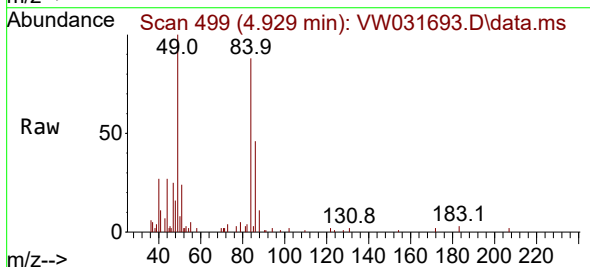
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ClientSampleId :
VSTD2.5464

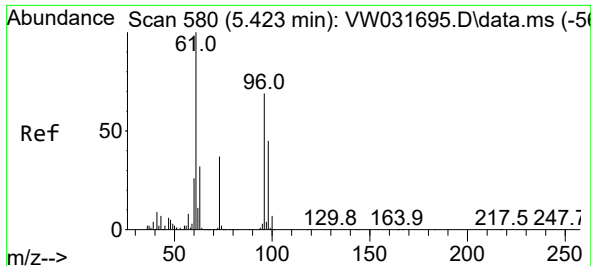
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Ion Ratio Lower Upper
43 100
74 22.3 8.7 13.1#



#16
Methylene chloride
Concen: 2.19 ug/L
RT: 4.929 min Scan# 499
Delta R.T. 0.006 min
Lab File: VW031693.D
Acq: 08 May 2025 10:26

Tgt Ion: 84 Resp: 10458
Ion Ratio Lower Upper
84 100
86 51.9 44.2 82.2
49 113.3 85.1 158.1

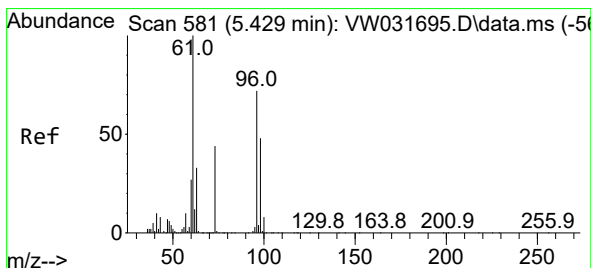
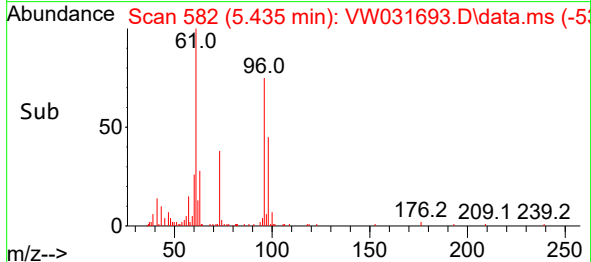
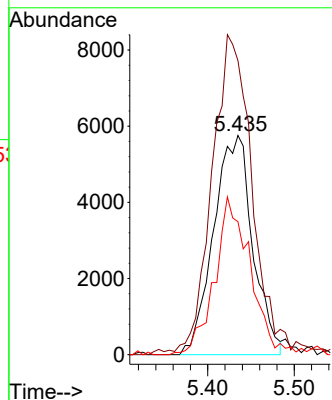
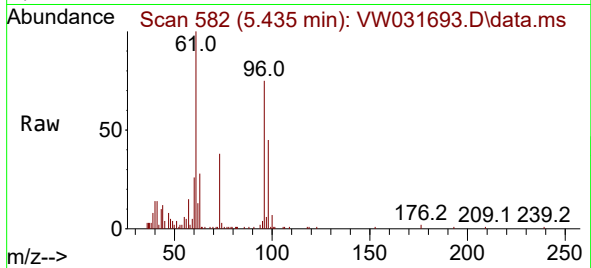




#17
trans-1,2-Dichloroethene
Concen: 2.35 ug/L
RT: 5.435 min Scan# 580
Delta R.T. 0.012 min
Lab File: VW031693.D
Acq: 08 May 2025 10:26

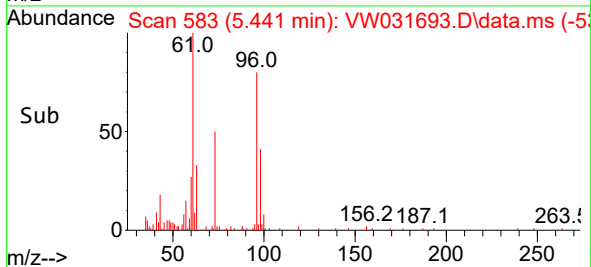
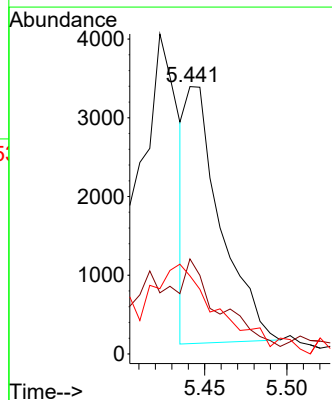
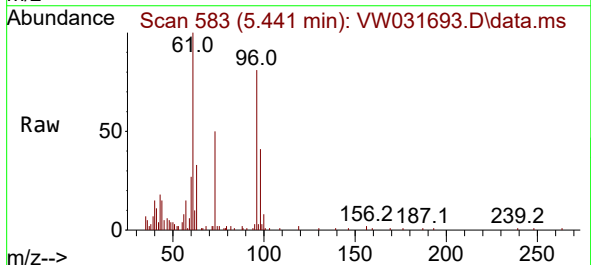
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5464

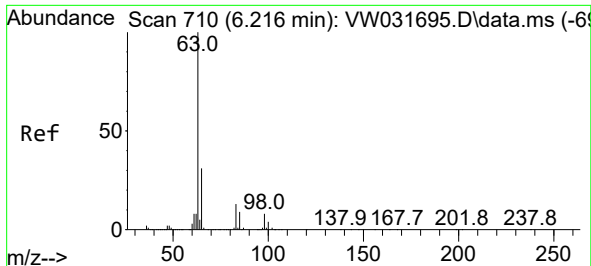
Tgt Ion: 96 Resp: 18081
Ion Ratio Lower Upper
96 100
61 134.1 100.9 187.3
98 60.6 45.0 83.6



#18
Methyl tert-butyl Ether
Concen: 0.87 ug/L
RT: 5.441 min Scan# 583
Delta R.T. 0.012 min
Lab File: VW031693.D
Acq: 08 May 2025 10:26

Tgt Ion: 73 Resp: 4753
Ion Ratio Lower Upper
73 100
43 10.3 15.4 23.2#
57 55.2 8.5 12.7#





#19

1,1-Dichloroethane

Concen: 2.43 ug/L

RT: 6.221 min Scan# 710

Delta R.T. 0.006 min

Lab File: VW031693.D

Acq: 08 May 2025 10:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5464

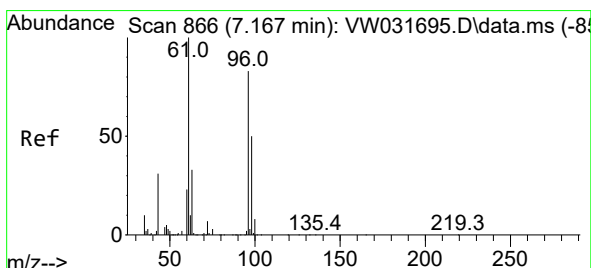
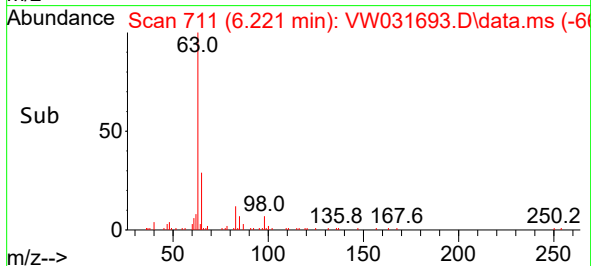
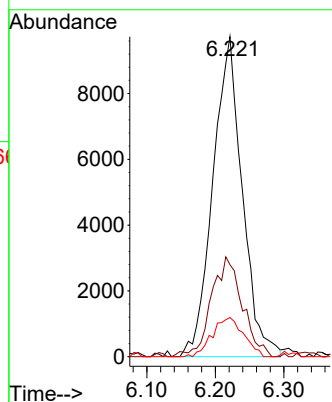
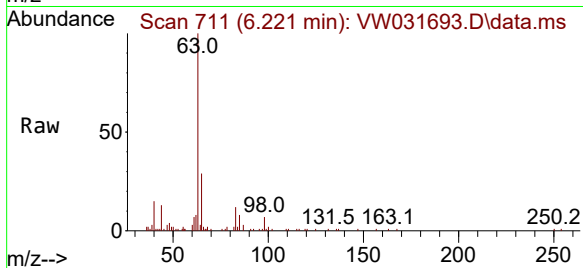
Tgt Ion: 63 Resp: 28965

Ion Ratio Lower Upper

63 100

65 28.8 21.6 40.0

83 12.2 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 2.38 ug/L

RT: 7.166 min Scan# 866

Delta R.T. -0.001 min

Lab File: VW031693.D

Acq: 08 May 2025 10:26

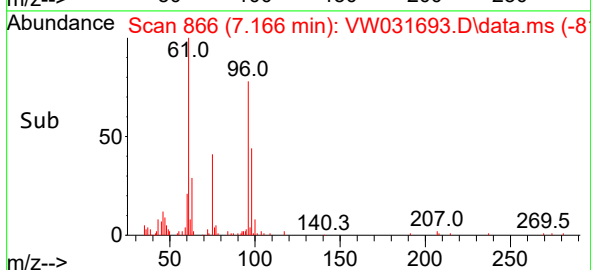
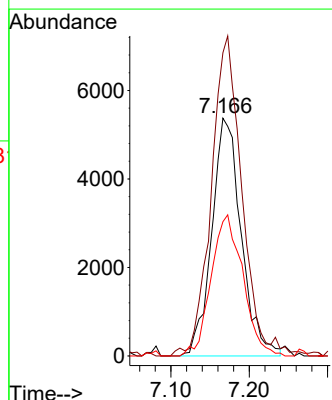
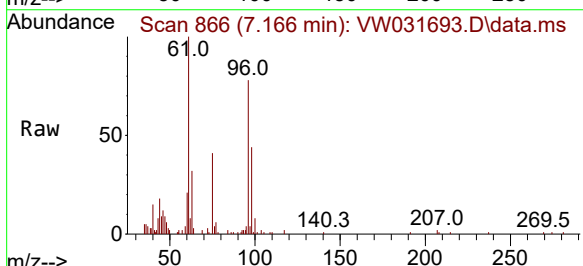
Tgt Ion: 96 Resp: 14037

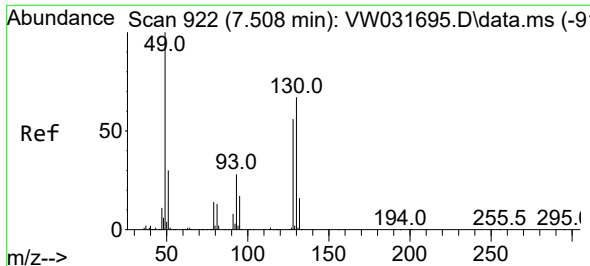
Ion Ratio Lower Upper

96 100

61 127.5 84.8 157.6

98 56.5 42.4 78.6

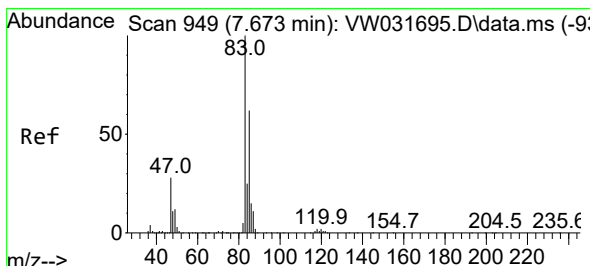
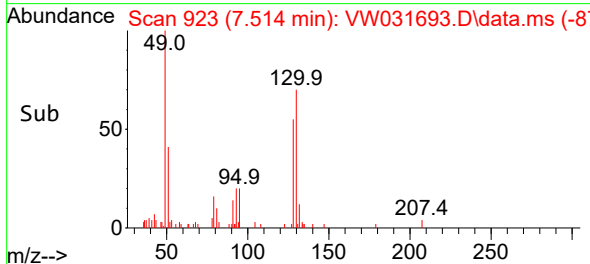
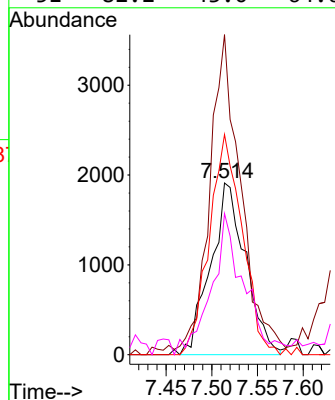
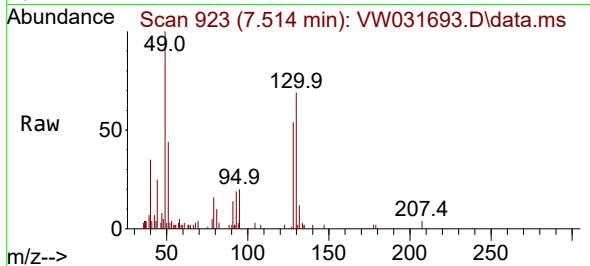




#23
Bromochloromethane
Concen: 2.66 ug/L
RT: 7.514 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW031693.D
Acq: 08 May 2025 10:26

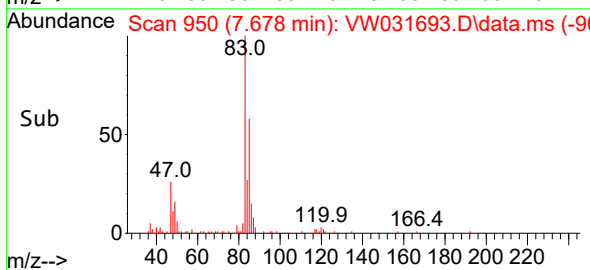
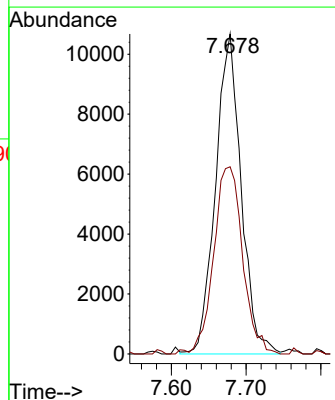
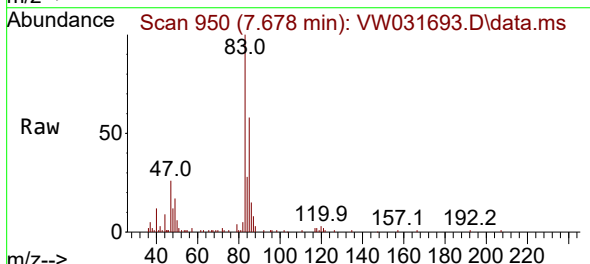
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5464

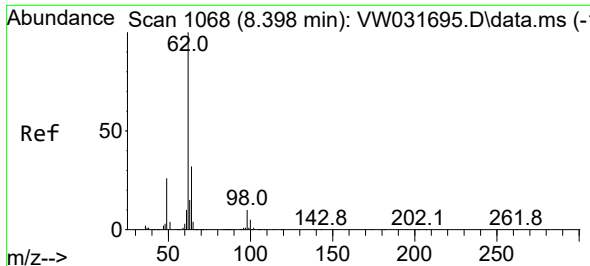
Tgt Ion:128 Resp: 5084
Ion Ratio Lower Upper
128 100
49 186.3 125.1 232.3
130 128.2 83.9 155.7
51 82.2 43.0 64.6#



#25
Chloroform
Concen: 2.48 ug/L
RT: 7.678 min Scan# 950
Delta R.T. 0.006 min
Lab File: VW031693.D
Acq: 08 May 2025 10:26

Tgt Ion: 83 Resp: 25445
Ion Ratio Lower Upper
83 100
85 58.5 43.2 80.2





#27

1,2-Dichloroethane

Concen: 2.62 ug/L

RT: 8.404 min Scan# 1069

Delta R.T. 0.006 min

Lab File: VW031693.D

Acq: 08 May 2025 10:26

Instrument :

MSVOA_W

ClientSampleId :

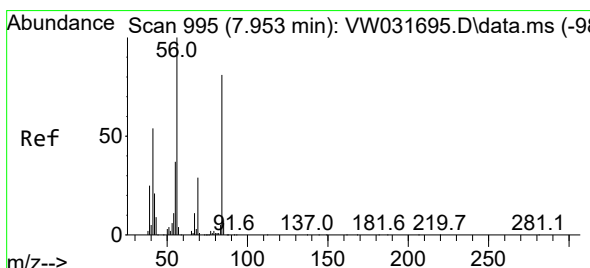
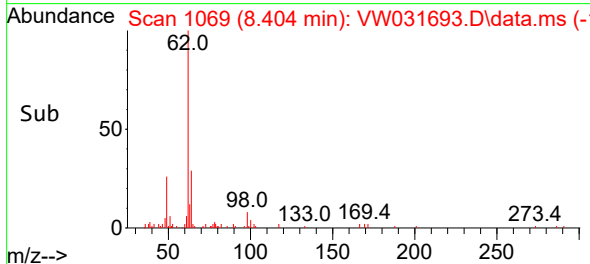
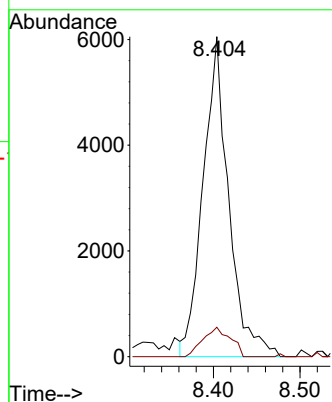
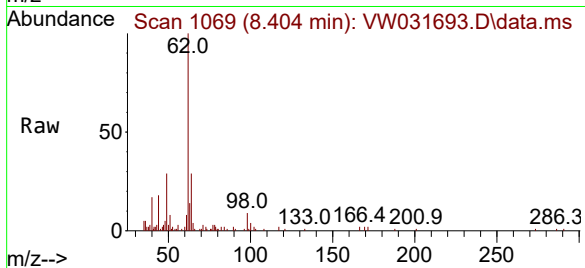
VSTD2.5464

Tgt Ion: 62 Resp: 12417

Ion Ratio Lower Upper

62 100

98 9.2 8.0 12.0



#29

Cyclohexane

Concen: 1.99 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.006 min

Lab File: VW031693.D

Acq: 08 May 2025 10:26

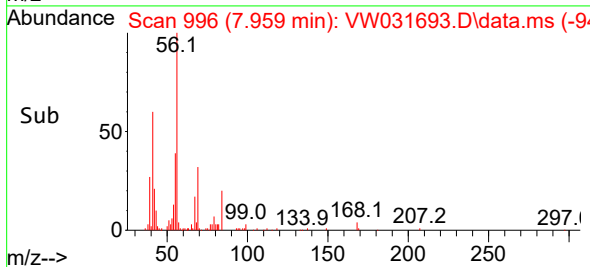
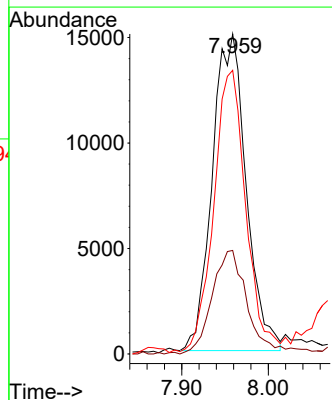
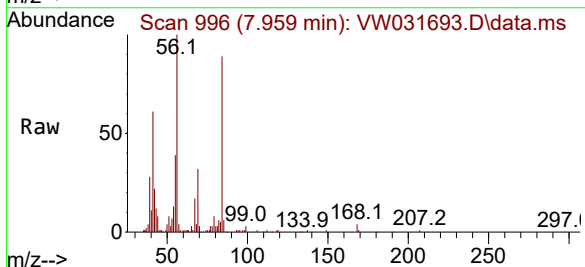
Tgt Ion: 56 Resp: 40791

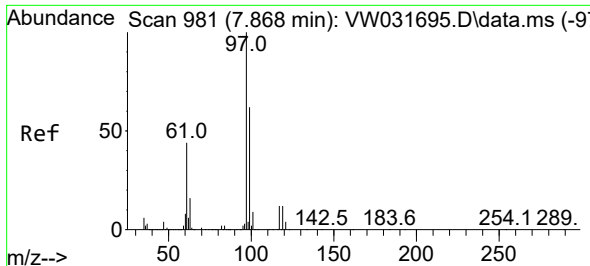
Ion Ratio Lower Upper

56 100

69 33.4 24.9 37.3

84 84.8 68.2 102.4

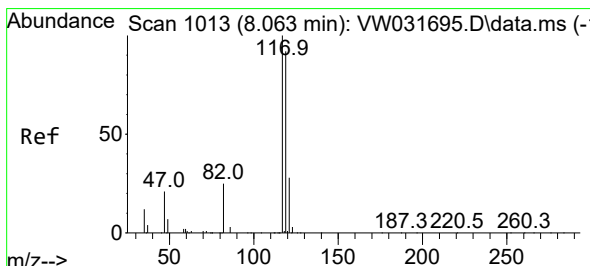
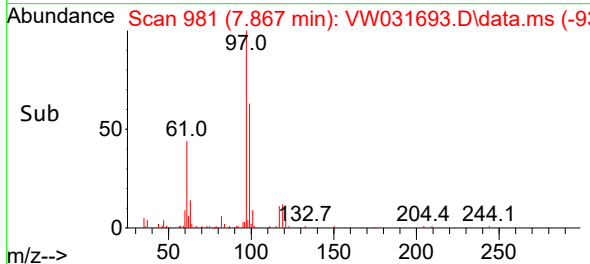
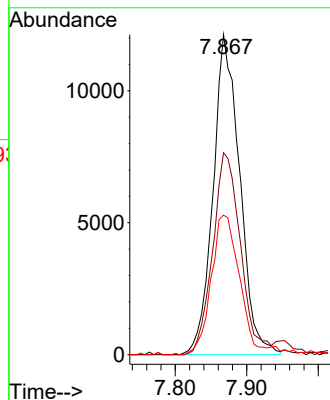
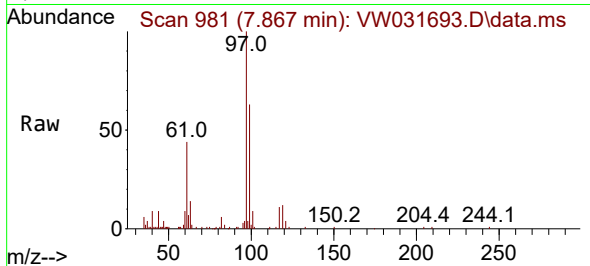




#30
1,1,1-Trichloroethane
Concen: 2.35 ug/L
RT: 7.867 min Scan# 91
Delta R.T. -0.001 min
Lab File: VW031693.D
Acq: 08 May 2025 10:26

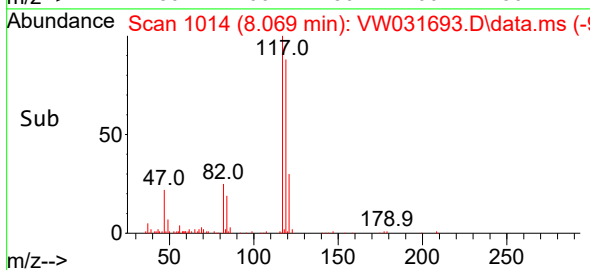
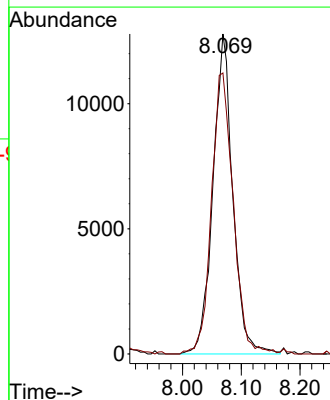
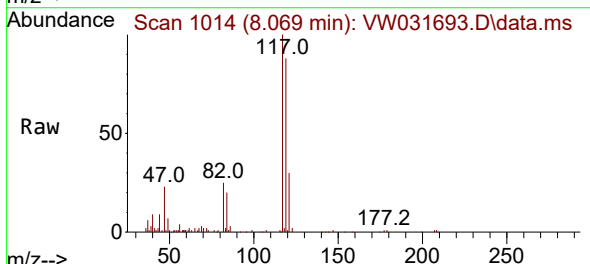
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5464

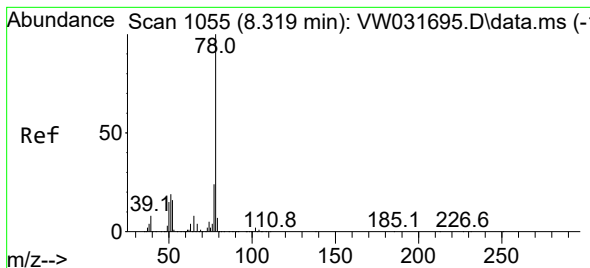
Tgt Ion:	97	Resp:	31382
Ion	Ratio	Lower	Upper
97	100		
99	65.7	51.0	76.4
61	46.1	36.4	54.6



#31
Carbon tetrachloride
Concen: 2.24 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.006 min
Lab File: VW031693.D
Acq: 08 May 2025 10:26

Tgt Ion:	117	Resp:	29948
Ion	Ratio	Lower	Upper
117	100		
119	95.2	76.5	114.7





#33

Benzene

Concen: 2.33 ug/L

RT: 8.325 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VW031693.D

Acq: 08 May 2025 10:26

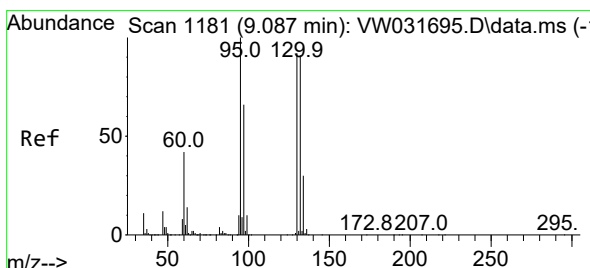
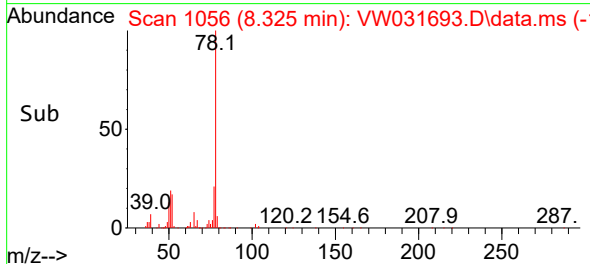
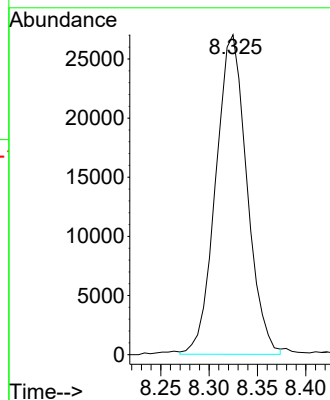
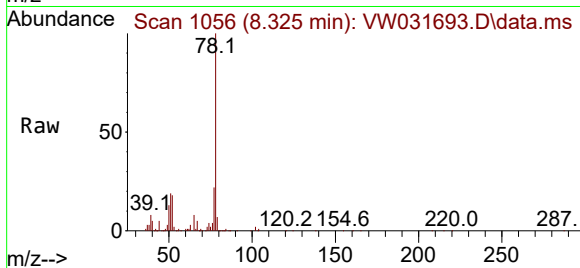
Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5464

Tgt Ion: 78 Resp: 60435



#34

Trichloroethene

Concen: 2.30 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.006 min

Lab File: VW031693.D

Acq: 08 May 2025 10:26

Tgt Ion: 95 Resp: 19617

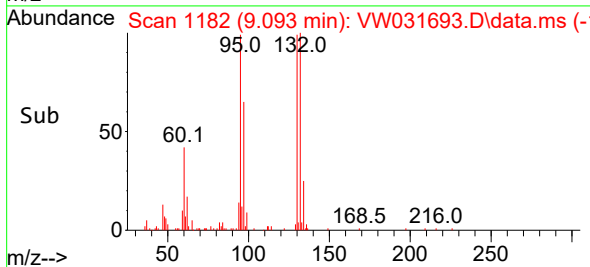
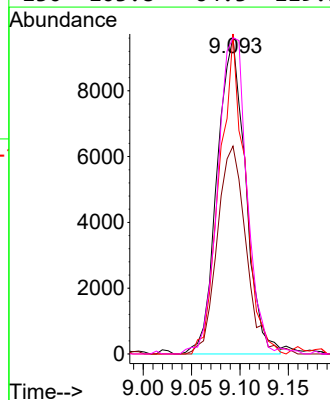
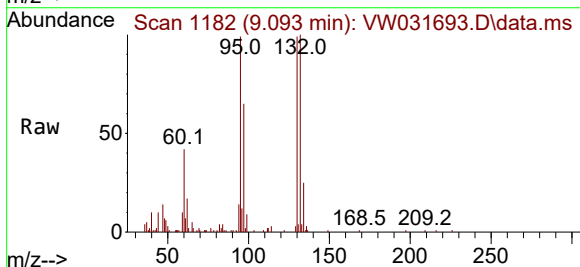
Ion Ratio Lower Upper

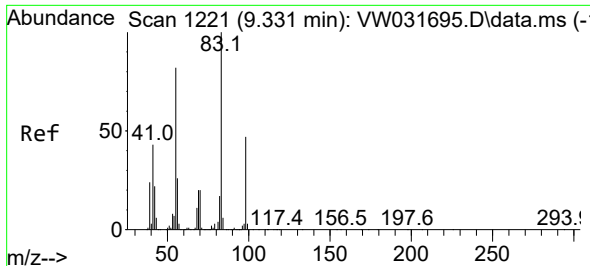
95 100

97 65.7 46.0 85.4

132 101.1 63.8 118.4

130 103.8 64.3 119.3

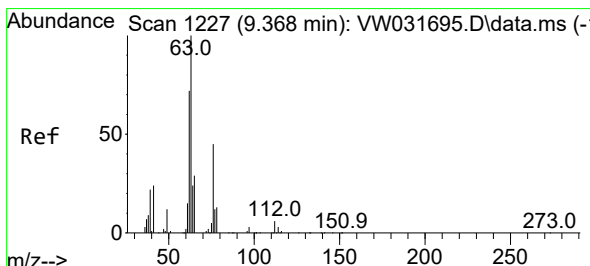
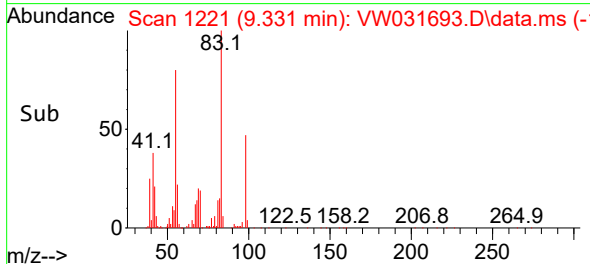
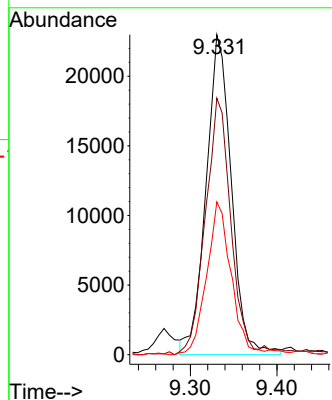
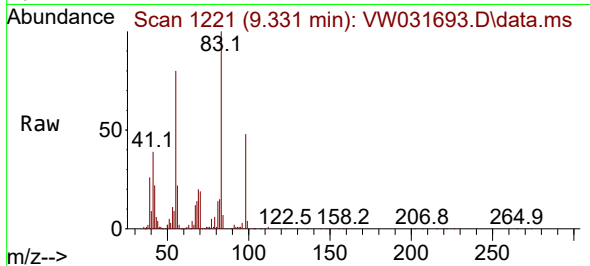




#35
Methylcyclohexane
Concen: 2.07 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. -0.001 min
Lab File: VW031693.D
Acq: 08 May 2025 10:26

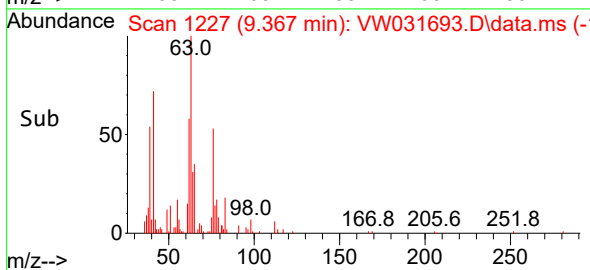
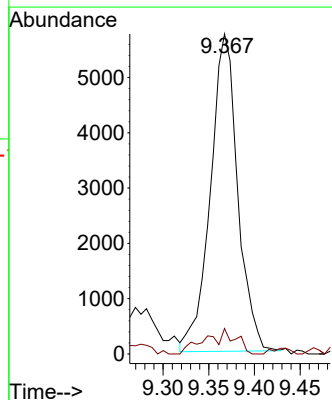
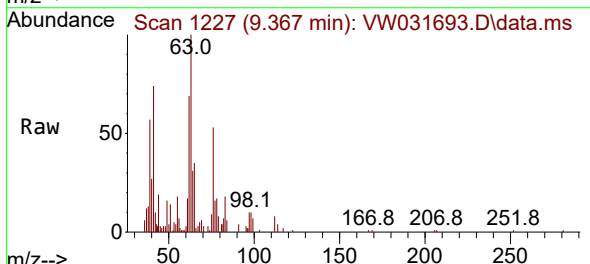
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5464

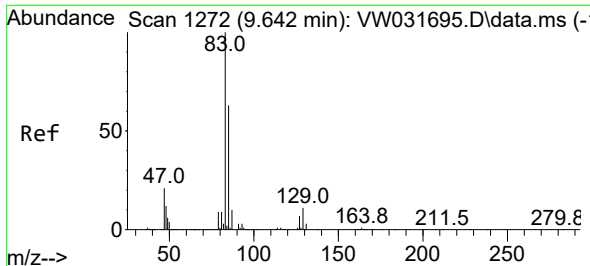
Tgt Ion: 83 Resp: 46575
Ion Ratio Lower Upper
83 100
55 79.9 63.1 94.7
98 46.0 37.6 56.4



#37
1,2-Dichloropropane
Concen: 2.37 ug/L
RT: 9.367 min Scan# 1227
Delta R.T. -0.001 min
Lab File: VW031693.D
Acq: 08 May 2025 10:26

Tgt Ion: 63 Resp: 11946
Ion Ratio Lower Upper
63 100
112 1.9 4.0 6.0#

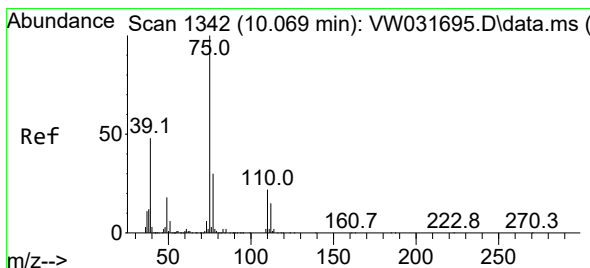
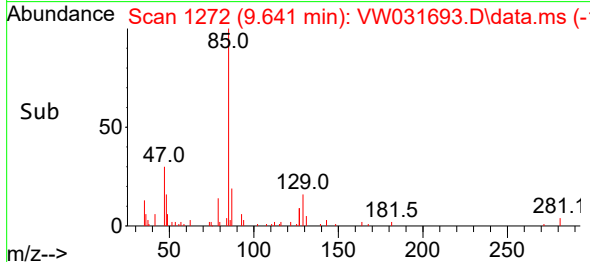
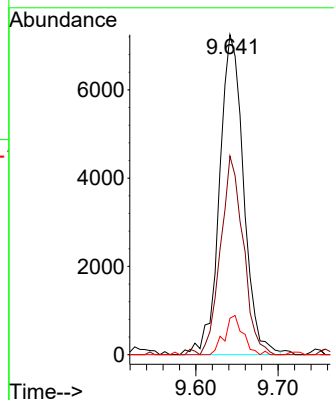
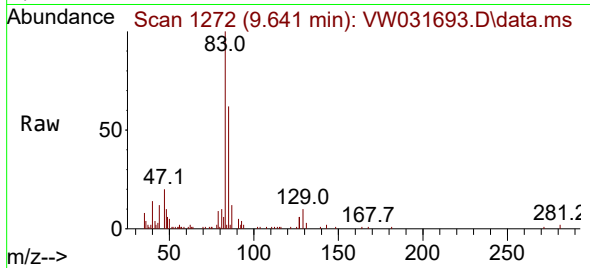




#38
Bromodichloromethane
Concen: 2.66 ug/L
RT: 9.641 min Scan# 11
Delta R.T. -0.001 min
Lab File: VW031693.D
Acq: 08 May 2025 10:26

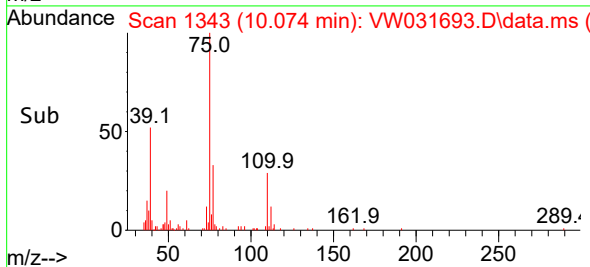
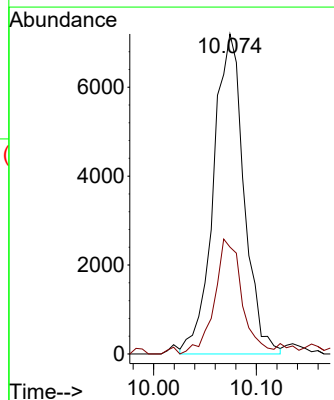
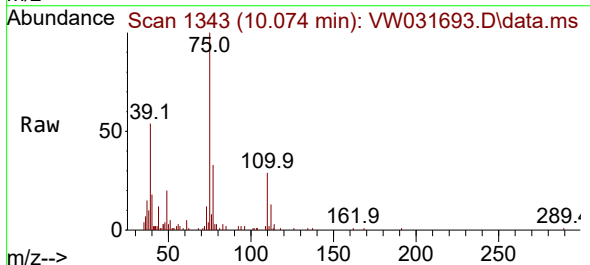
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5464

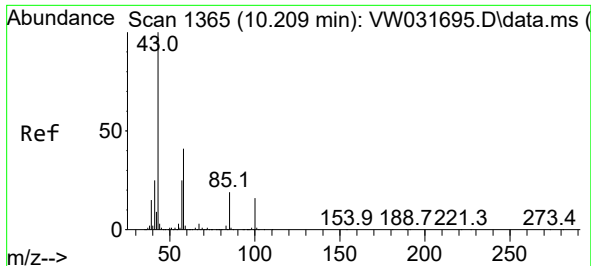
Tgt Ion: 83 Resp: 14750
Ion Ratio Lower Upper
83 100
85 62.1 44.0 81.8
127 11.4 5.8 8.6#



#39
cis-1,3-Dichloropropene
Concen: 2.39 ug/L
RT: 10.074 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VW031693.D
Acq: 08 May 2025 10:26

Tgt Ion: 75 Resp: 14891
Ion Ratio Lower Upper
75 100
77 33.4 20.7 38.5

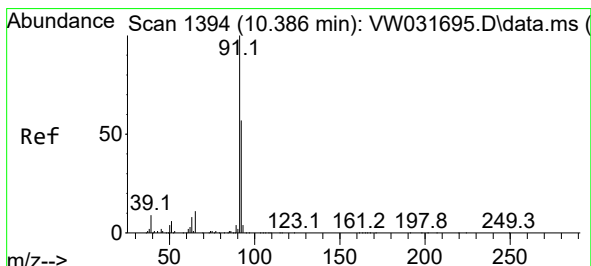
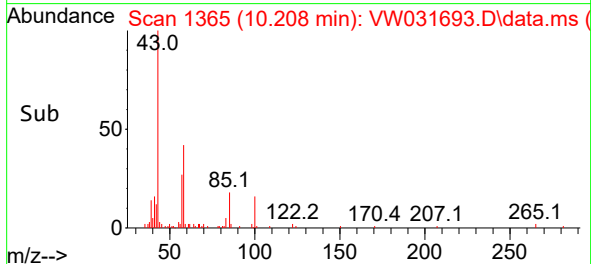
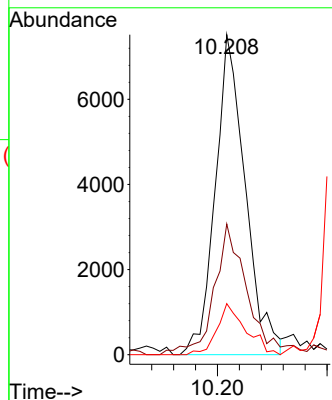
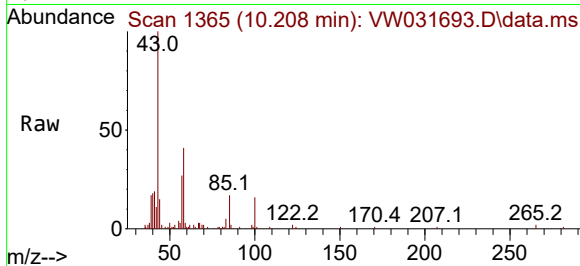




#40
4-Methyl-2-pentanone
Concen: 4.63 ug/L
RT: 10.208 min Scan# 1365
Delta R.T. -0.001 min
Lab File: VW031693.D
Acq: 08 May 2025 10:26

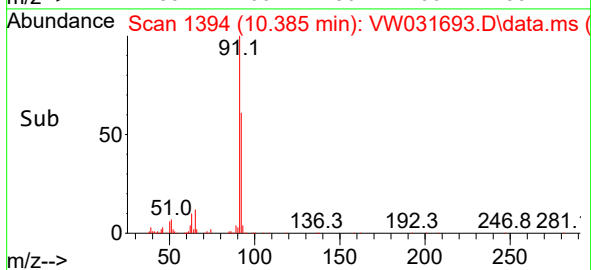
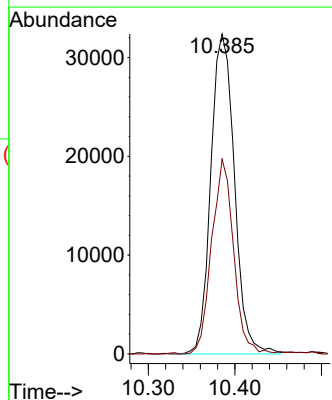
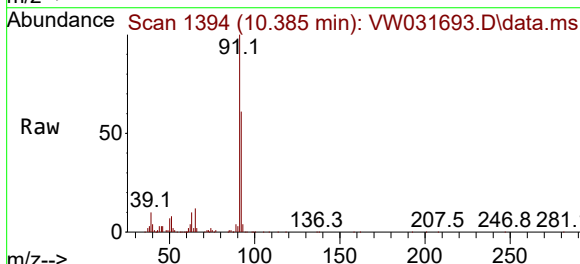
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5464

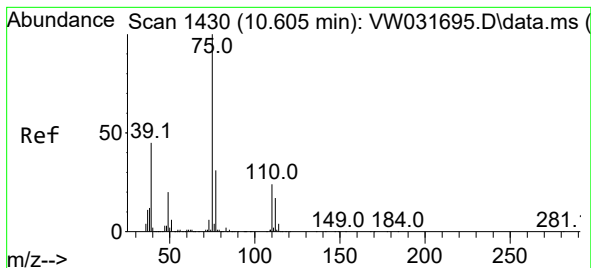
Tgt Ion:	43	Resp:	14295
Ion	Ratio	Lower	Upper
43	100		
58	43.4	31.0	46.6
100	13.1	11.9	17.9



#42
Toluene
Concen: 2.23 ug/L
RT: 10.385 min Scan# 1394
Delta R.T. -0.001 min
Lab File: VW031693.D
Acq: 08 May 2025 10:26

Tgt Ion:	91	Resp:	61359
Ion	Ratio	Lower	Upper
91	100		
92	60.8	40.3	74.8

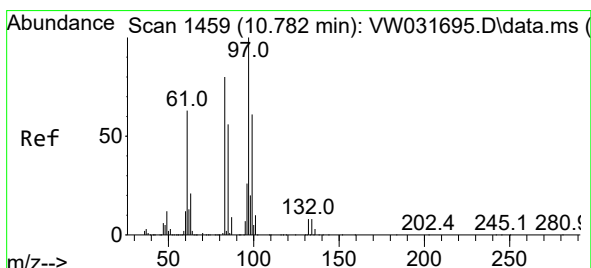
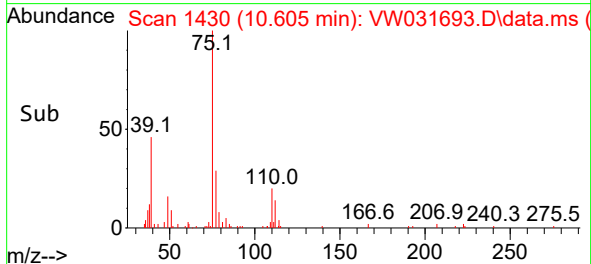
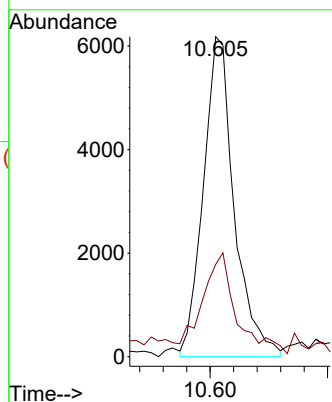
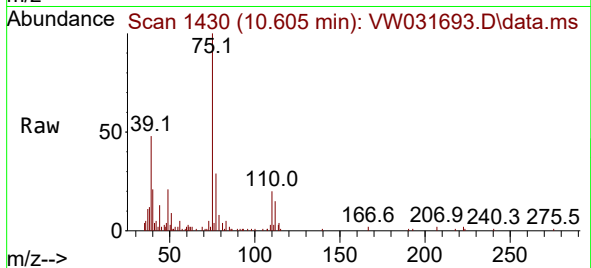




#44
trans-1,3-Dichloropropene
Concen: 2.41 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.001 min
Lab File: VW031693.D
Acq: 08 May 2025 10:26

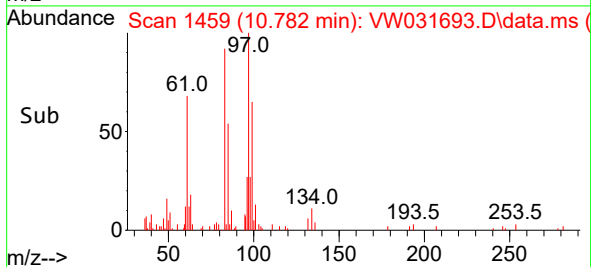
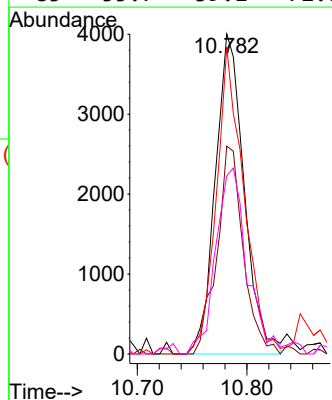
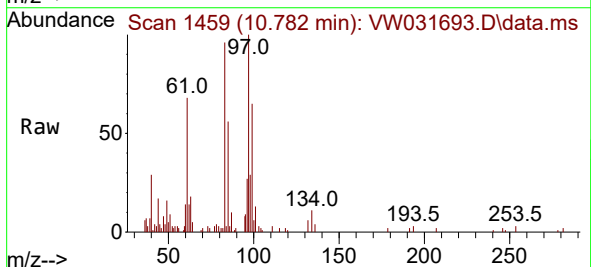
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5464

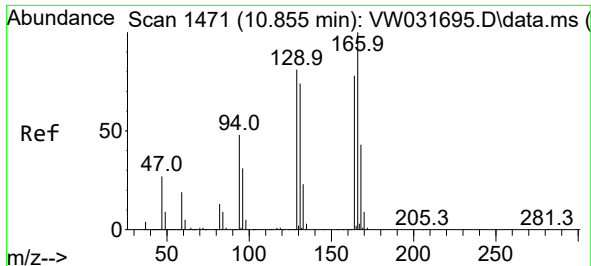
Tgt Ion: 75 Resp: 11251
Ion Ratio Lower Upper
75 100
77 28.9 22.1 41.1



#45
1,1,2-Trichloroethane
Concen: 2.55 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.001 min
Lab File: VW031693.D
Acq: 08 May 2025 10:26

Tgt Ion: 97 Resp: 7316
Ion Ratio Lower Upper
97 100
99 65.0 42.6 79.2
83 95.9 55.7 103.5
85 55.7 39.1 72.7

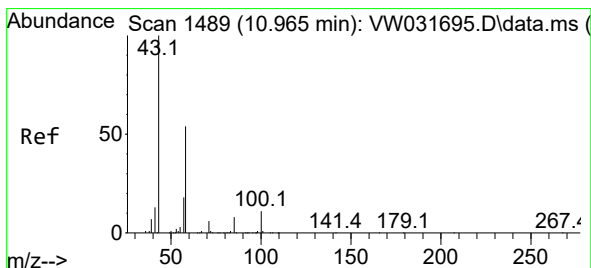
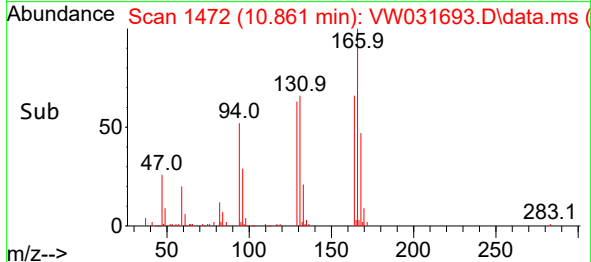
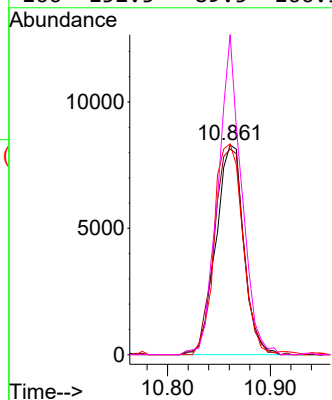
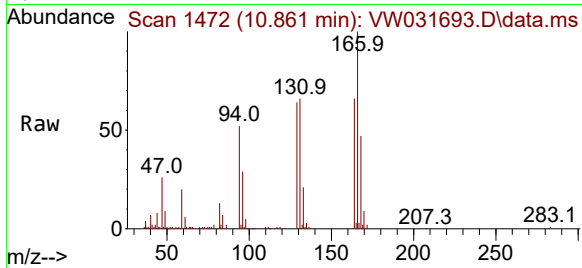




#46
Tetrachloroethene
Concen: 2.19 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VW031693.D
Acq: 08 May 2025 10:26

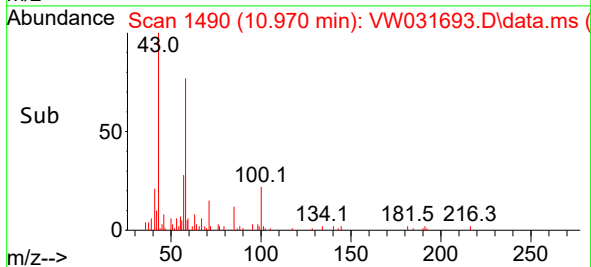
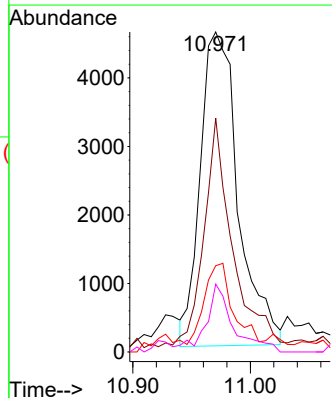
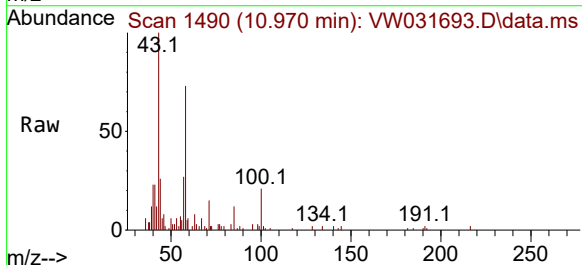
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5464

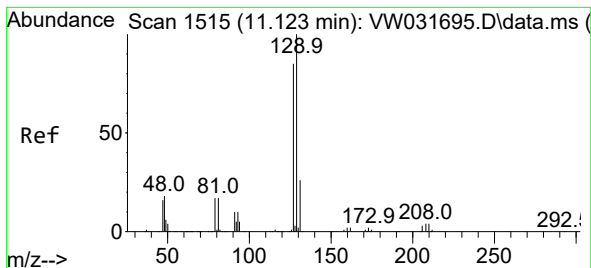
Tgt Ion:164 Resp: 15591
Ion Ratio Lower Upper
164 100
129 98.0 72.2 134.0
131 100.5 66.6 123.8
166 152.5 89.5 166.3



#48
2-Hexanone
Concen: 4.22 ug/L
RT: 10.970 min Scan# 1490
Delta R.T. 0.006 min
Lab File: VW031693.D
Acq: 08 May 2025 10:26

Tgt Ion: 43 Resp: 10326
Ion Ratio Lower Upper
43 100
58 57.3 43.6 65.4
57 21.0 15.4 23.0
100 14.3 9.4 14.0#





#49

Dibromochloromethane

Concen: 2.66 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. -0.001 min

Lab File: VW031693.D

Acq: 08 May 2025 10:26

Instrument :

MSVOA_W

ClientSampleId :

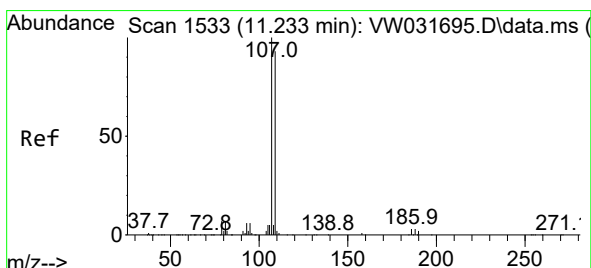
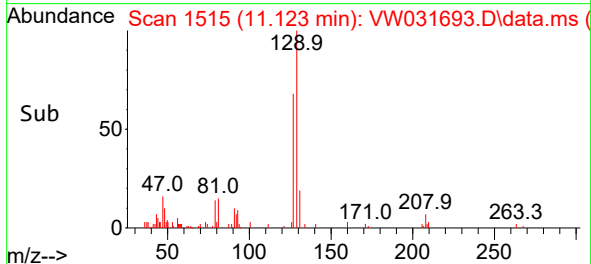
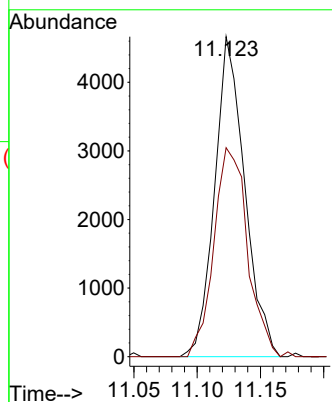
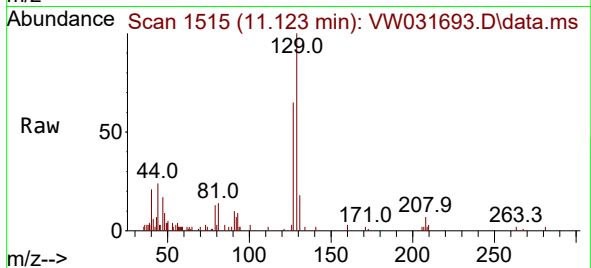
VSTD2.5464

Tgt Ion:129 Resp: 7705

Ion Ratio Lower Upper

129 100

127 65.3 59.7 110.9



#50

1,2-Dibromoethane

Concen: 2.41 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.001 min

Lab File: VW031693.D

Acq: 08 May 2025 10:26

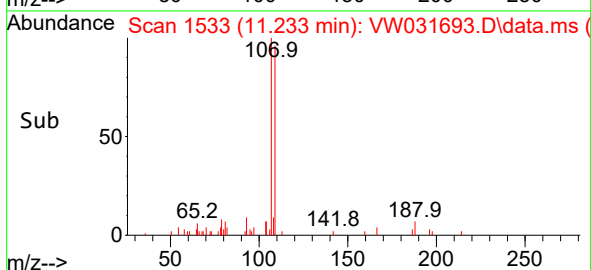
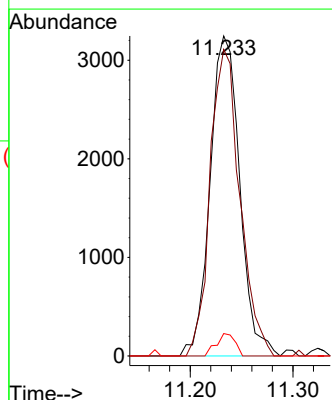
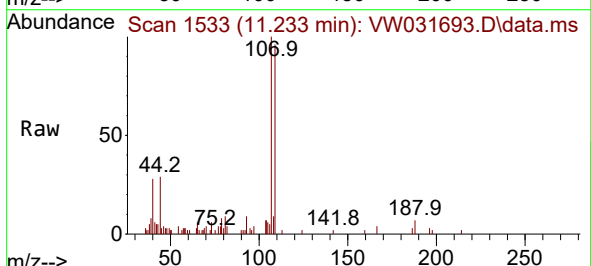
Tgt Ion:107 Resp: 6501

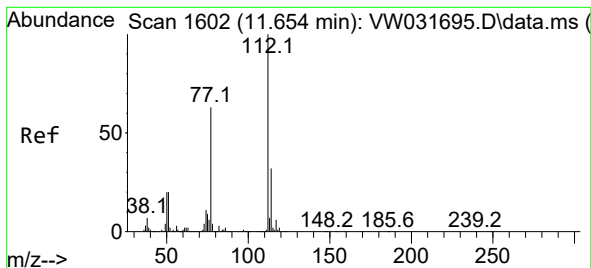
Ion Ratio Lower Upper

107 100

109 95.8 65.0 120.8

188 7.0 2.2 3.2#





#51

Chlorobenzene

Concen: 2.48 ug/L

RT: 11.653 min Scan# 1

Delta R.T. -0.001 min

Lab File: VW031693.D

Acq: 08 May 2025 10:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5464

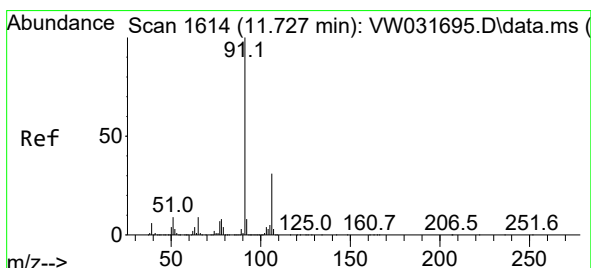
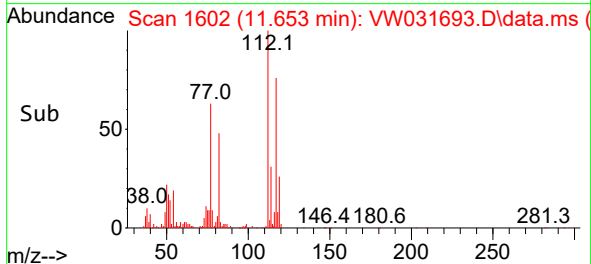
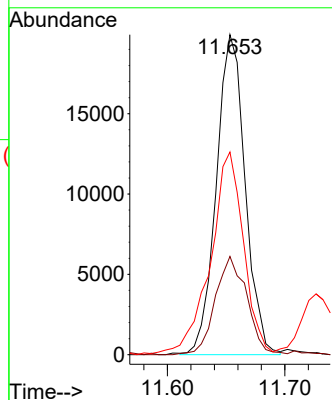
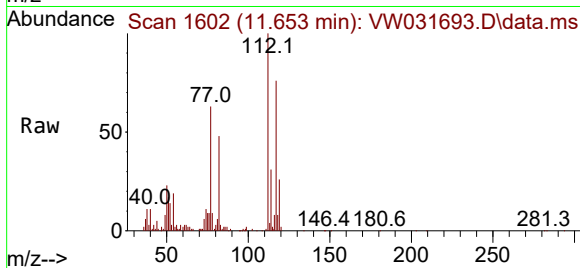
Tgt Ion:112 Resp: 34000

Ion Ratio Lower Upper

112 100

114 30.7 22.6 42.0

77 63.4 50.3 75.5



#52

Ethylbenzene

Concen: 2.20 ug/L

RT: 11.726 min Scan# 1614

Delta R.T. -0.001 min

Lab File: VW031693.D

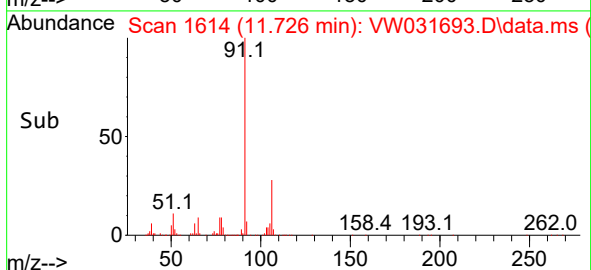
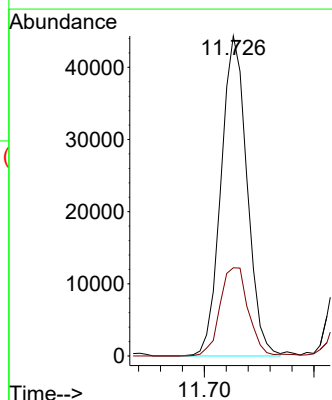
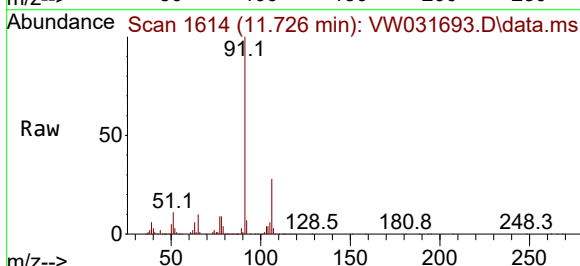
Acq: 08 May 2025 10:26

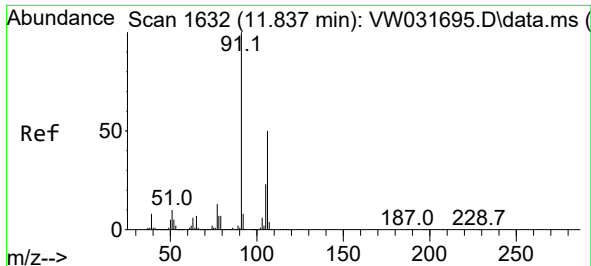
Tgt Ion: 91 Resp: 73048

Ion Ratio Lower Upper

91 100

106 27.5 21.3 39.6

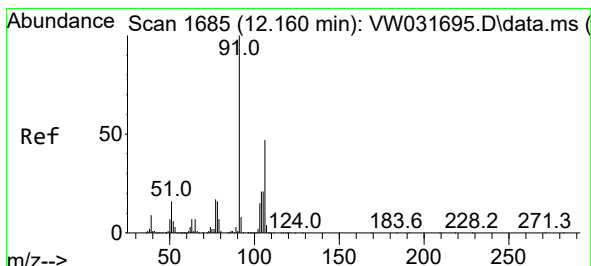
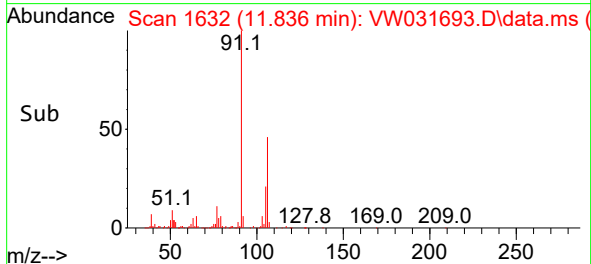
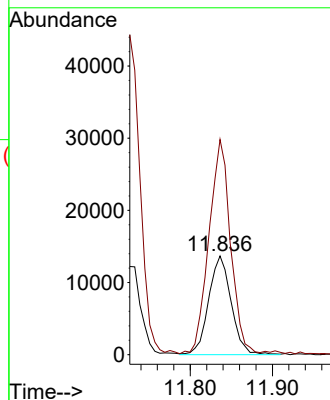
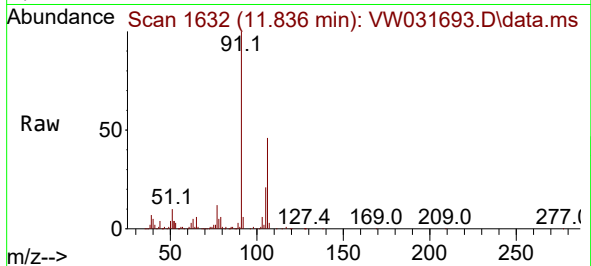




#53
m,p-Xylene
Concen: 2.19 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.001 min
Lab File: VW031693.D
Acq: 08 May 2025 10:26

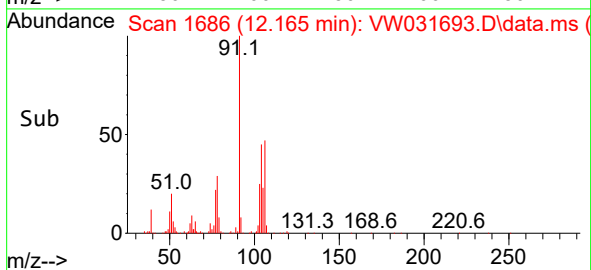
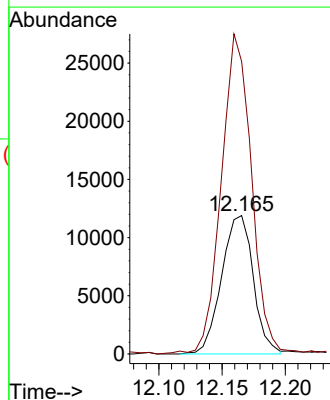
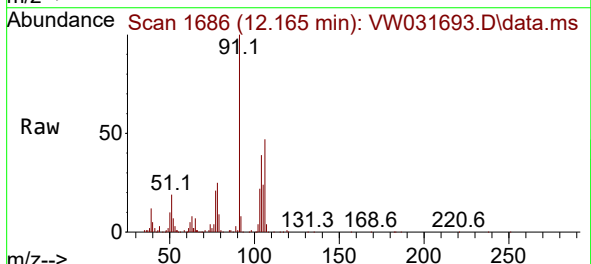
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5464

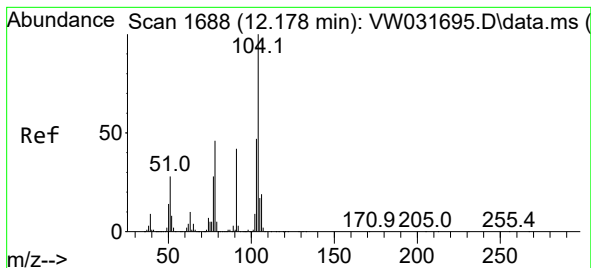
Tgt Ion:106 Resp: 26072
Ion Ratio Lower Upper
106 100
91 218.0 138.9 257.9



#54
o-Xylene
Concen: 2.21 ug/L
RT: 12.165 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW031693.D
Acq: 08 May 2025 10:26

Tgt Ion:106 Resp: 20734
Ion Ratio Lower Upper
106 100
91 211.2 147.4 273.8





#55

Styrene

Concen: 2.13 ug/L

RT: 12.178 min Scan# 1

Delta R.T. -0.001 min

Lab File: VW031693.D

Acq: 08 May 2025 10:26

Instrument :

MSVOA_W

ClientSampleId :

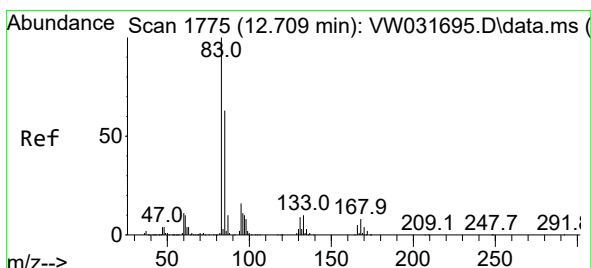
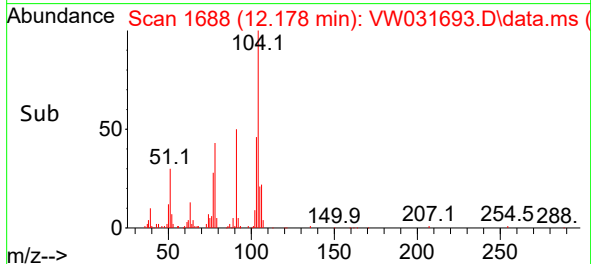
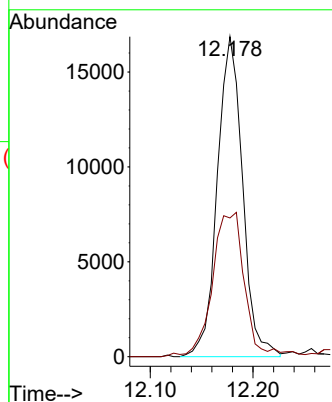
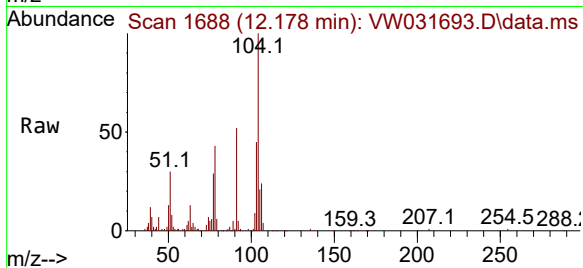
VSTD2.5464

Tgt Ion:104 Resp: 28760

Ion Ratio Lower Upper

104 100

78 43.4 32.1 59.5



#57

1,1,2,2-Tetrachloroethane

Concen: 2.58 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.001 min

Lab File: VW031693.D

Acq: 08 May 2025 10:26

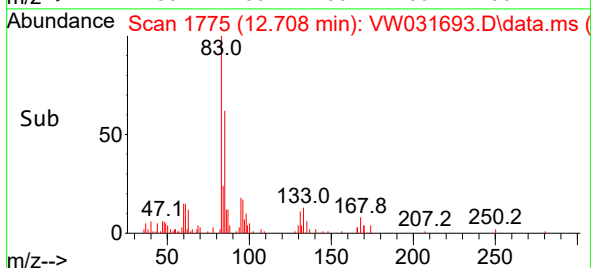
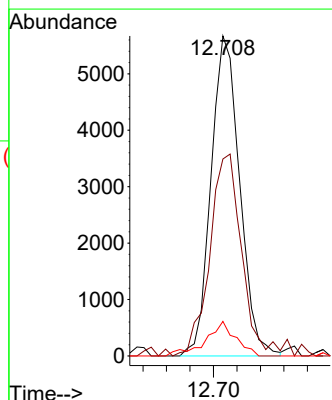
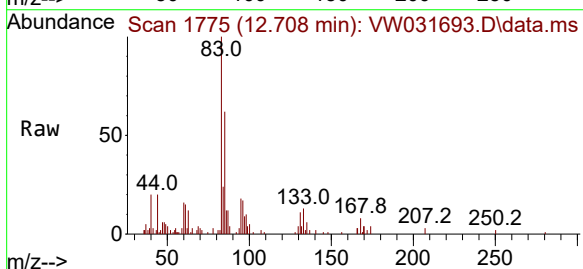
Tgt Ion: 83 Resp: 9607

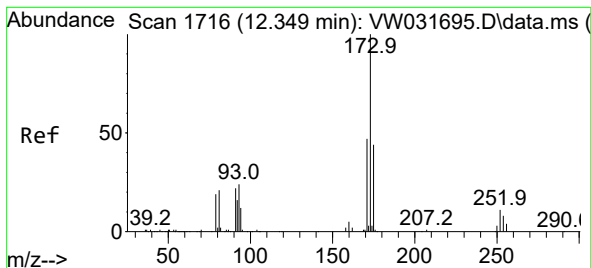
Ion Ratio Lower Upper

83 100

85 61.6 44.2 82.2

131 10.8 7.4 11.2





#59

Bromoform

Concen: 2.42 ug/L

RT: 12.348 min Scan# 1716

Delta R.T. -0.001 min

Lab File: VW031693.D

Acq: 08 May 2025 10:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5464

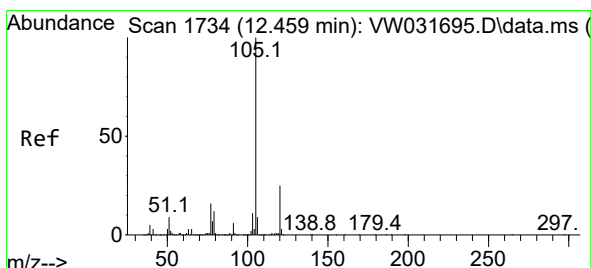
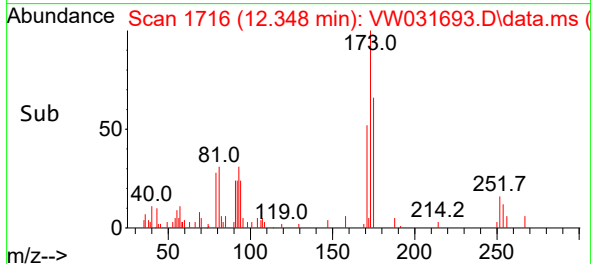
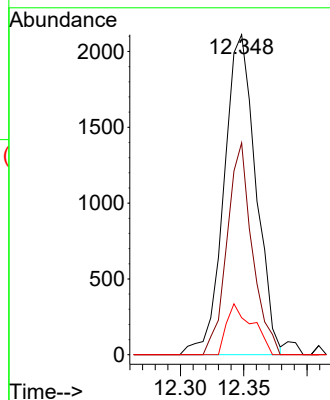
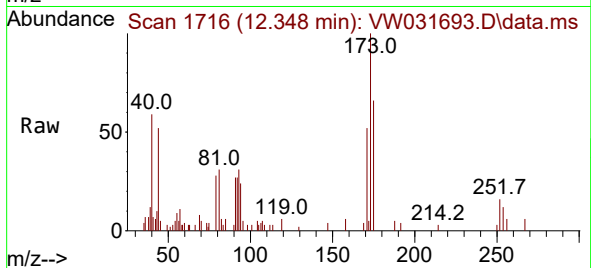
Tgt Ion:173 Resp: 3708

Ion Ratio Lower Upper

173 100

175 52.4 38.1 57.1

254 12.9 5.5 8.3#



#60

Isopropylbenzene

Concen: 2.13 ug/L

RT: 12.458 min Scan# 1734

Delta R.T. -0.001 min

Lab File: VW031693.D

Acq: 08 May 2025 10:26

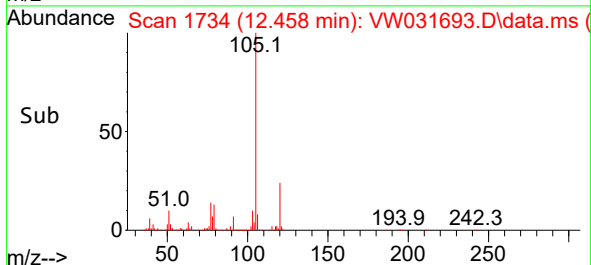
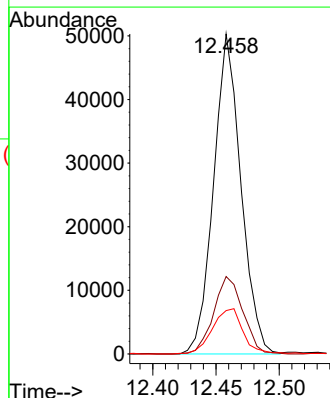
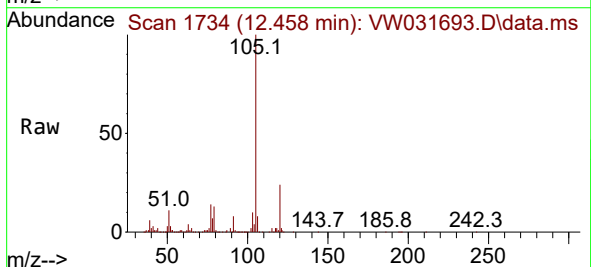
Tgt Ion:105 Resp: 75641

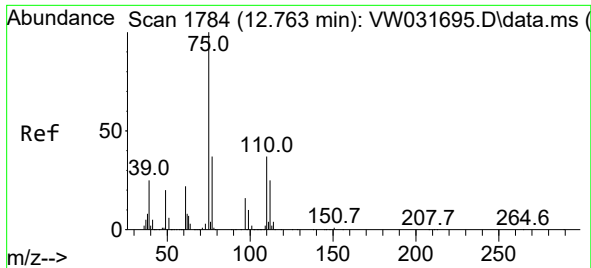
Ion Ratio Lower Upper

105 100

120 25.9 20.7 31.1

77 16.0 13.3 19.9

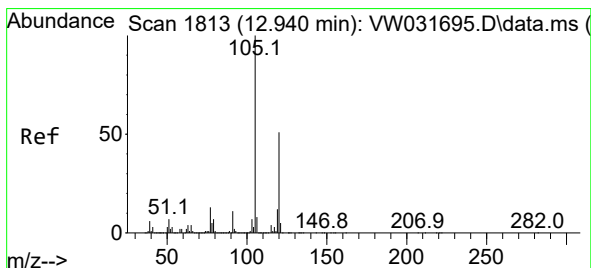
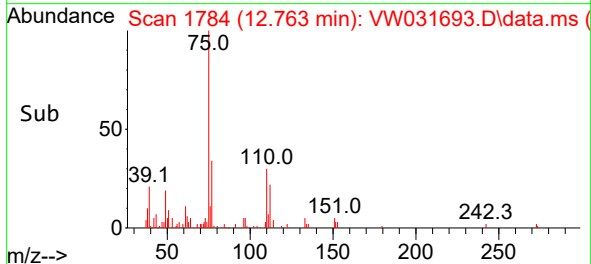
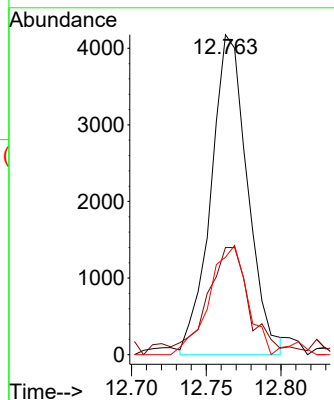
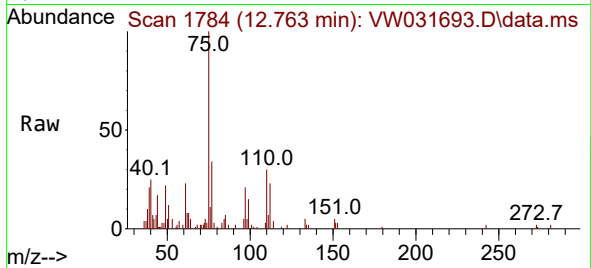




#61
1,2,3-Trichloropropane
Concen: 2.50 ug/L
RT: 12.763 min Scan# 11
Delta R.T. -0.001 min
Lab File: VW031693.D
Acq: 08 May 2025 10:26

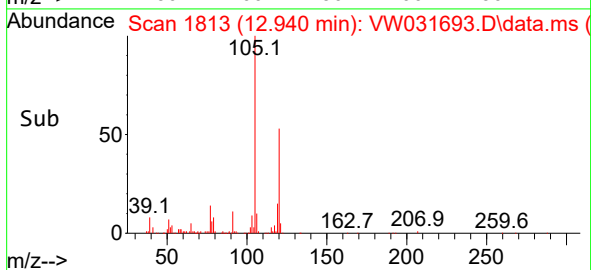
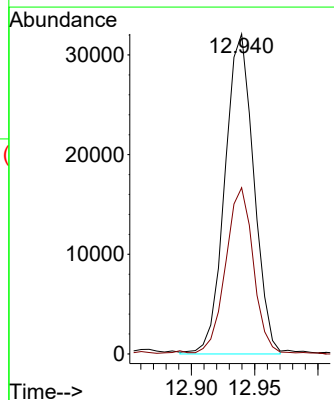
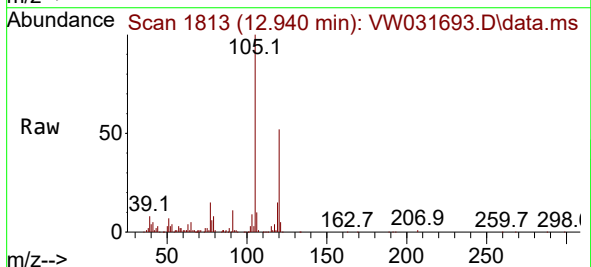
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5464

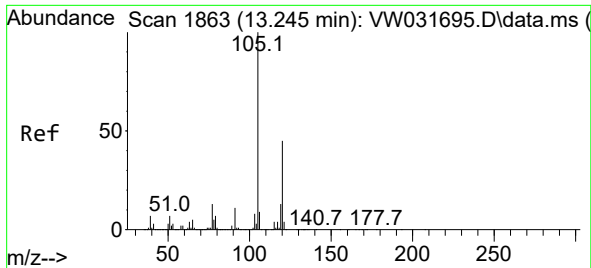
Tgt Ion: 75	Resp:	7114
Ion Ratio	Lower	Upper
75	100	
77	29.4	28.4 42.6
110	35.5	30.9 46.3



#62
1,3,5-Trimethylbenzene
Concen: 2.10 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.001 min
Lab File: VW031693.D
Acq: 08 May 2025 10:26

Tgt Ion: 105	Resp:	51064
Ion Ratio	Lower	Upper
105	100	
120	48.9	38.2 57.2

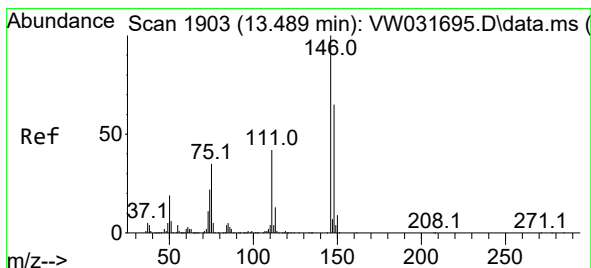
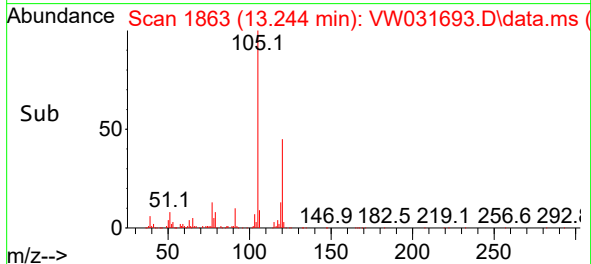
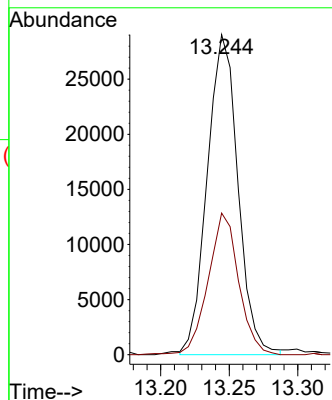
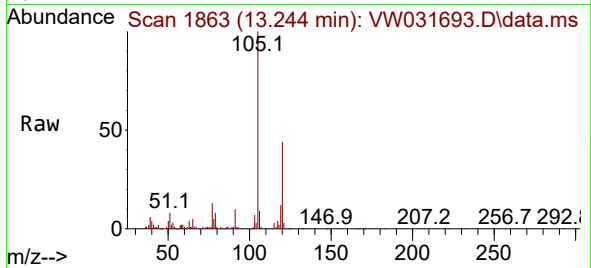




#63
1,2,4-Trimethylbenzene
Concen: 2.19 ug/L
RT: 13.244 min Scan# 1863
Delta R.T. -0.001 min
Lab File: VW031693.D
Acq: 08 May 2025 10:26

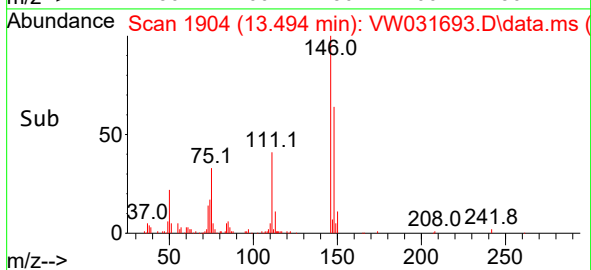
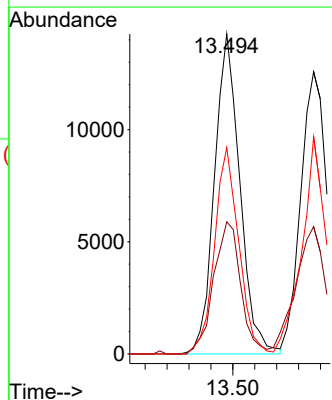
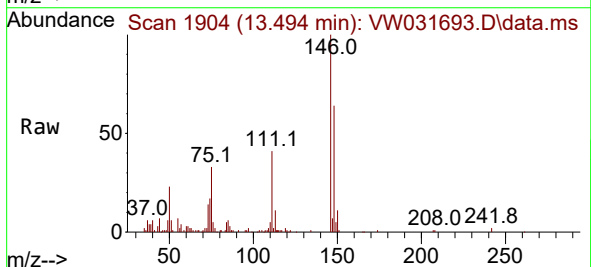
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5464

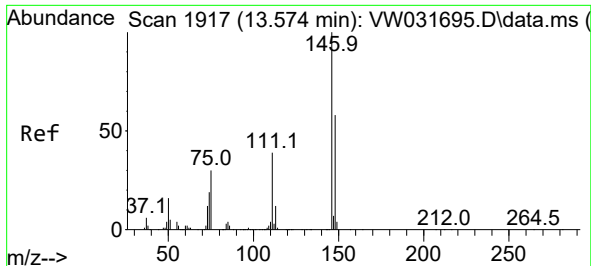
Tgt Ion:105 Resp: 45232
Ion Ratio Lower Upper
105 100
120 44.0 35.4 53.2



#64
1,3-Dichlorobenzene
Concen: 2.45 ug/L
RT: 13.494 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VW031693.D
Acq: 08 May 2025 10:26

Tgt Ion:146 Resp: 22964
Ion Ratio Lower Upper
146 100
111 41.3 29.5 54.9
148 64.5 45.7 84.9

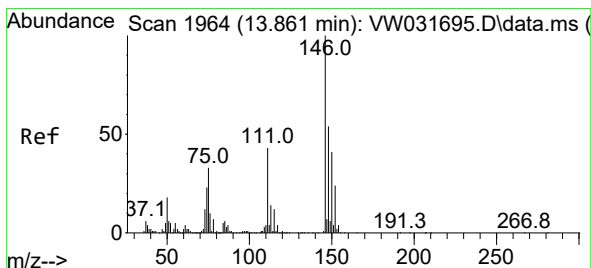
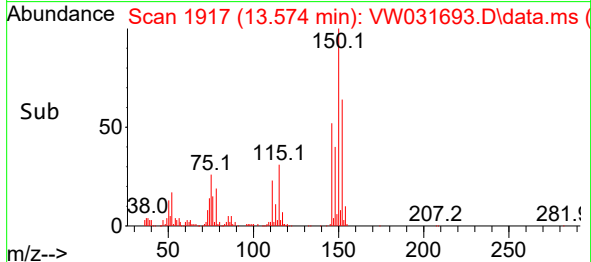
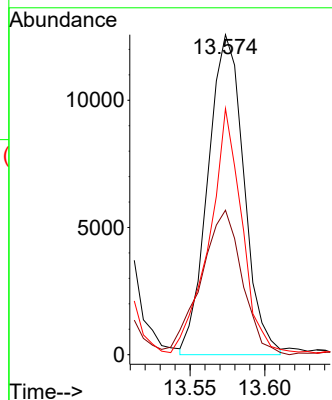
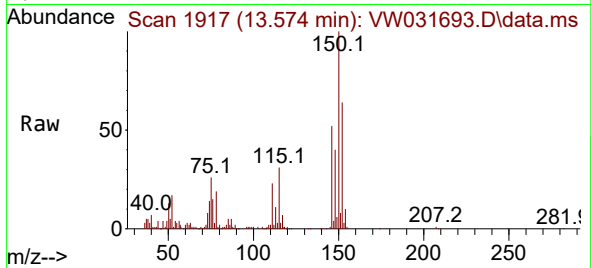




#65
1,4-Dichlorobenzene
Concen: 2.41 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.001 min
Lab File: VW031693.D
Acq: 08 May 2025 10:26

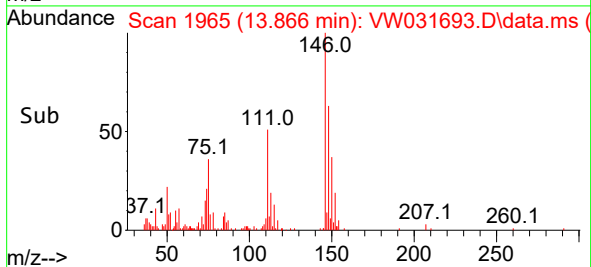
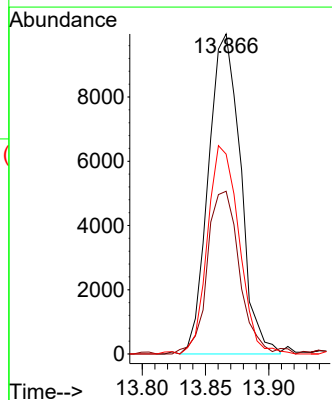
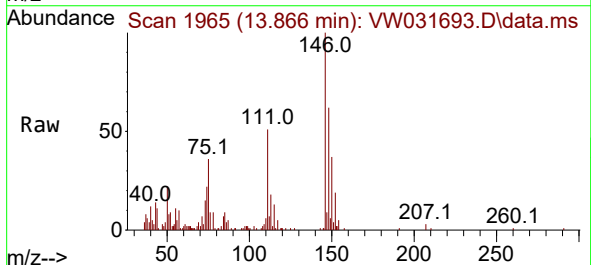
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5464

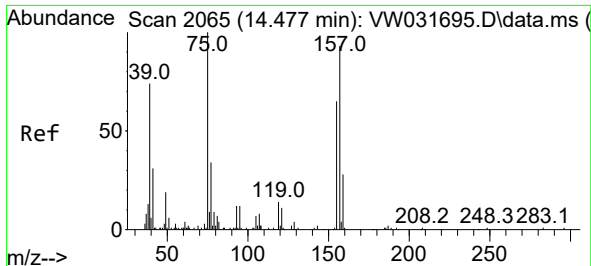
Tgt Ion:146 Resp: 21025
Ion Ratio Lower Upper
146 100
111 45.1 27.6 51.2
148 76.9 40.6 75.4#



#67
1,2-Dichlorobenzene
Concen: 2.47 ug/L
RT: 13.866 min Scan# 1965
Delta R.T. 0.006 min
Lab File: VW031693.D
Acq: 08 May 2025 10:26

Tgt Ion:146 Resp: 17598
Ion Ratio Lower Upper
146 100
111 50.8 34.2 51.4
148 62.5 43.5 65.3

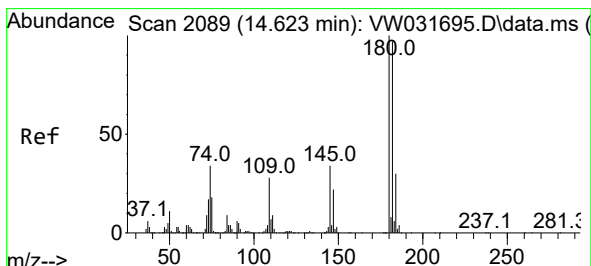
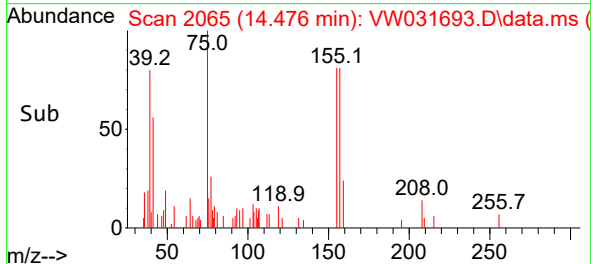
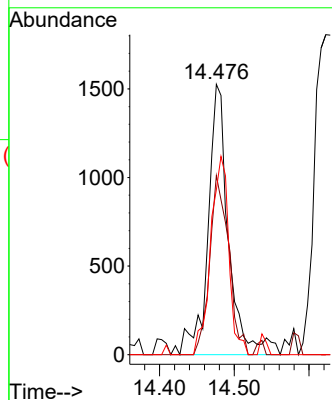
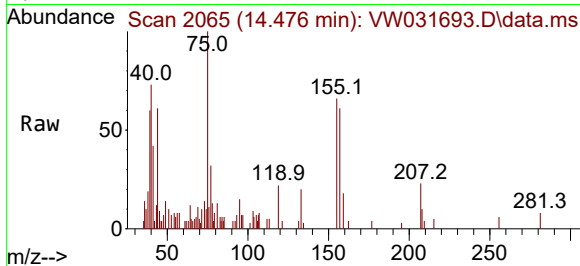




#68
 1,2-Dibromo-3-chloropropane
 Concen: 3.16 ug/L
 RT: 14.476 min Scan# 2065
 Delta R.T. -0.001 min
 Lab File: VW031693.D
 Acq: 08 May 2025 10:26

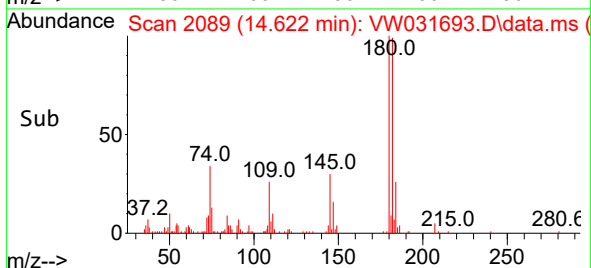
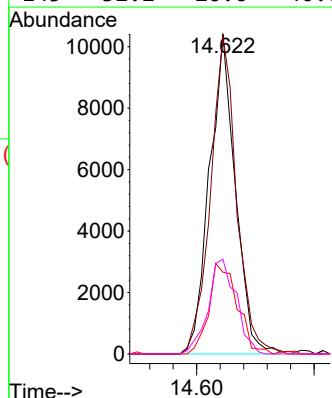
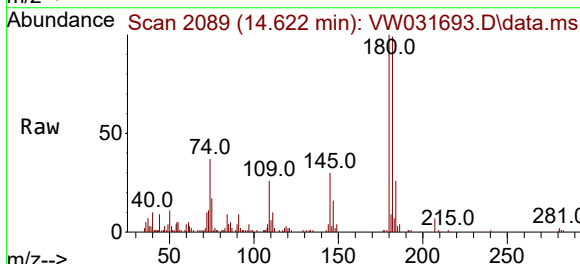
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5464

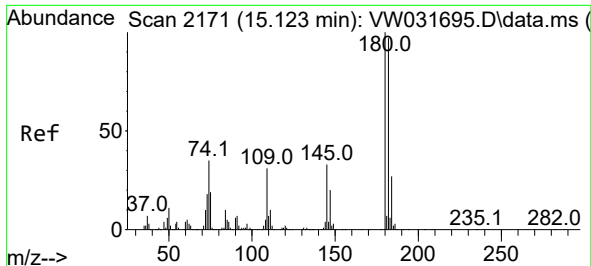
Tgt Ion: 75 Resp: 2902
 Ion Ratio Lower Upper
 75 100
 155 66.3 51.6 77.4
 157 61.0 74.6 111.8#



#69
 1,3,5-Trichlorobenzene
 Concen: 2.46 ug/L
 RT: 14.622 min Scan# 2089
 Delta R.T. -0.001 min
 Lab File: VW031693.D
 Acq: 08 May 2025 10:26

Tgt Ion: 180 Resp: 15917
 Ion Ratio Lower Upper
 180 100
 182 99.9 75.5 113.3
 184 30.8 23.7 35.5
 145 32.2 26.6 40.0

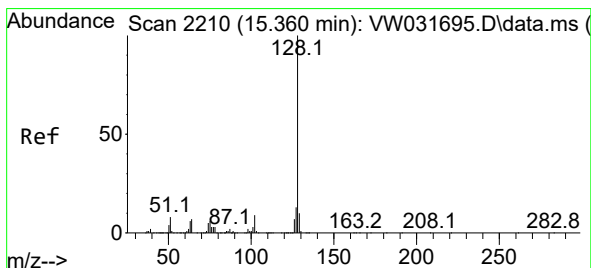
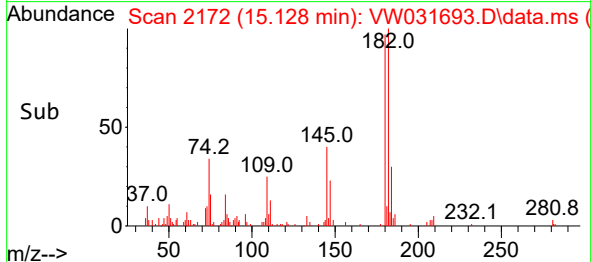
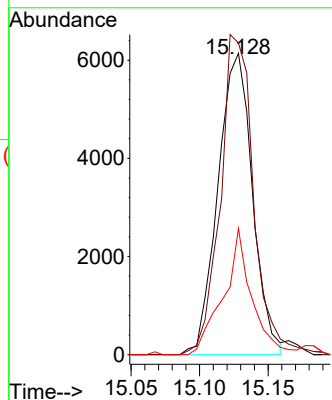
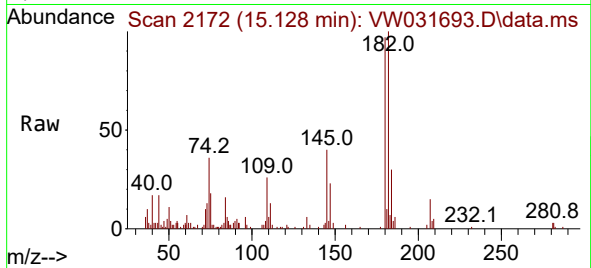




#70
1,2,4-trichlorobenzene
Concen: 2.46 ug/L
RT: 15.128 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VW031693.D
Acq: 08 May 2025 10:26

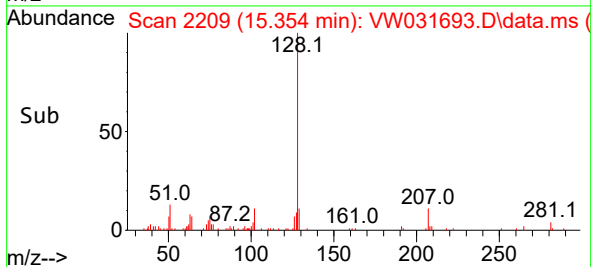
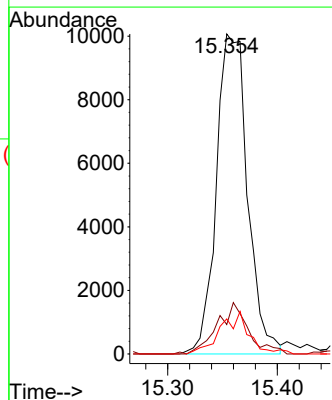
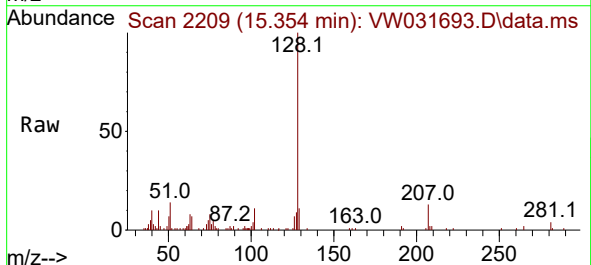
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5464

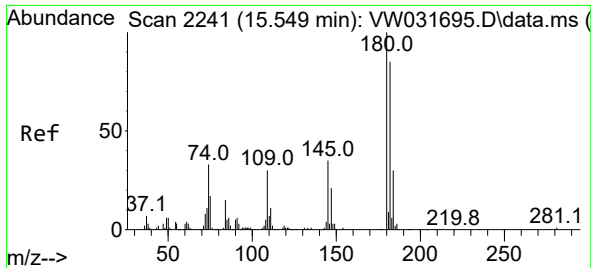
Tgt Ion:180 Resp: 10785
Ion Ratio Lower Upper
180 100
182 102.1 75.7 113.5
145 34.5 26.7 40.1



#71
Naphthalene
Concen: 2.34 ug/L
RT: 15.354 min Scan# 2209
Delta R.T. -0.007 min
Lab File: VW031693.D
Acq: 08 May 2025 10:26

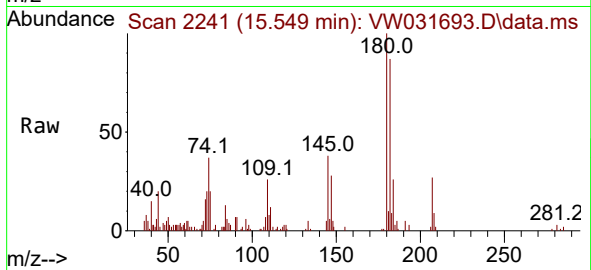
Tgt Ion:128 Resp: 19879
Ion Ratio Lower Upper
128 100
127 0.1 10.6 16.0#
129 6.7 8.6 12.8#





#72
 1,2,3-Trichlorobenzene
 Concen: 2.49 ug/L
 RT: 15.549 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: VW031693.D
 Acq: 08 May 2025 10:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5464



Tgt Ion:	180	Resp:	8848
Ion Ratio	Lower	Upper	
180	100		
182	99.1	77.3	115.9
145	39.2	28.6	43.0

