

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061825\
 Data File : VD080452.D
 Acq On : 18 Jun 2025 12:20
 Operator : RP/MD
 Sample : VSTDICV025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VICV887

Quant Time: Jun 19 09:20:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061825SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jun 19 09:10:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.776	114	213537	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.582	117	206421	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.517	152	113513	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	71960	19.88	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	79.52%		
7) Chloroethane-d5	2.806	69	66839	21.64	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	86.56%		
11) 1,1-Dichloroethene-d2	3.917	65	25645	20.99	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	83.96%		
21) 2-Butanone-d5	6.982	46	27285	45.46	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	90.92%		
24) Chloroform-d	7.570	84	126629	21.54	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	86.16%		
26) 1,2-Dichloroethane-d4	8.229	65	65931	21.93	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	87.72%		
32) Benzene-d6	8.205	84	263445	23.21	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	92.84%		
36) 1,2-Dichloropropane-d6	9.211	67	83403	22.39	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	89.56%		
41) Toluene-d8	10.270	98	255444	24.07	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	96.28%		
43) trans-1,3-Dichloroprop...	10.523	79	35984	23.19	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	92.76%		
47) 2-Hexanone-d5	10.876	63	27197	48.09	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	96.18%		
56) 1,1,2,2-Tetrachloroeth...	12.646	84	79064	23.48	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	93.92%		
66) 1,2-Dichlorobenzene-d4	13.811	152	94032	22.84	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	91.36%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.935	85	68491	20.27	ug/L	99
3) Chloromethane	2.147	50	76831	24.23	ug/L	99
5) Vinyl chloride	2.288	62	91506	23.65	ug/L	96
6) Bromomethane	2.694	94	57654	23.99	ug/L	89
8) Chloroethane	2.841	64	64184	24.10	ug/L	98
9) Trichlorofluoromethane	3.176	101	114469	21.55	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	3.970	101	70676	21.45	ug/L	99
12) 1,1-Dichloroethene	3.947	96	66100	24.69	ug/L	85
13) Acetone	4.017	43	35583	69.56	ug/L	99
14) Carbon disulfide	4.270	76	226809	24.97	ug/L	99
15) Methyl Acetate	4.570	43	31658	25.67	ug/L	99
16) Methylene chloride	4.800	84	90630	27.39	ug/L	90
17) trans-1,2-Dichloroethene	5.311	96	78084	27.85	ug/L	97
18) Methyl tert-butyl Ether	5.311	73	155078	27.48	ug/L	98
19) 1,1-Dichloroethane	6.111	63	135408	25.76	ug/L	97
20) cis-1,2-Dichloroethene	7.082	96	85060	27.82	ug/L	95
22) 2-Butanone	7.082	43	44347	59.72	ug/L	96
23) Bromochloromethane	7.423	128	42426	25.82	ug/L	85
25) Chloroform	7.594	83	160318	26.49	ug/L	97

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 Response via : Initial Calibration

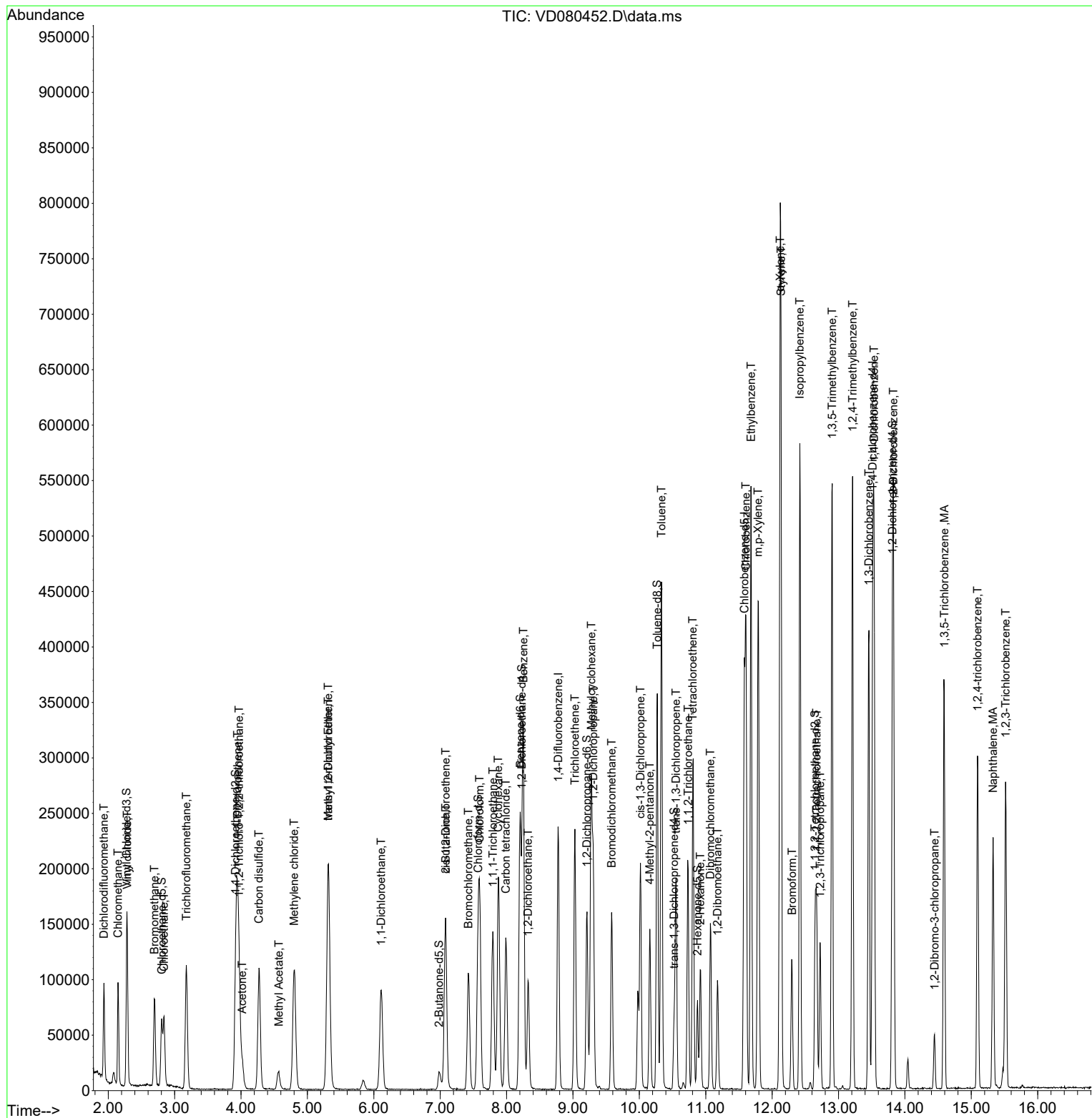
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.323	62	88350	26.01	ug/L	99
29) Cyclohexane	7.876	56	103655	24.19	ug/L	98
30) 1,1,1-Trichloroethane	7.794	97	120598	24.77	ug/L	98
31) Carbon tetrachloride	7.988	117	110531	23.67	ug/L	99
33) Benzene	8.253	78	313710	27.71	ug/L	100
34) Trichloroethene	9.029	95	84470	25.86	ug/L	91
35) Methylcyclohexane	9.276	83	112900	23.39	ug/L	99
37) 1,2-Dichloropropane	9.305	63	85607	27.11	ug/L	100
38) Bromodichloromethane	9.582	83	109308	26.33	ug/L	97
39) cis-1,3-Dichloropropene	10.017	75	127501	26.98	ug/L	93
40) 4-Methyl-2-pentanone	10.158	43	92278	57.02	ug/L	99
42) Toluene	10.335	91	354240	28.30	ug/L	96
44) trans-1,3-Dichloropropene	10.552	75	111990	28.00	ug/L	94
45) 1,1,2-Trichloroethane	10.735	97	69773	27.19	ug/L	91
46) Tetrachloroethene	10.805	164	73342	25.11	ug/L	98
48) 2-Hexanone	10.917	43	68671	58.23	ug/L	96
49) Dibromochloromethane	11.070	129	83215	26.55	ug/L	96
50) 1,2-Dibromoethane	11.176	107	66613	26.93	ug/L	93
51) Chlorobenzene	11.605	112	229036	26.53	ug/L	98
52) Ethylbenzene	11.682	91	382032	28.14	ug/L	98
53) m,p-Xylene	11.788	106	150551	28.26	ug/L	96
54) o-Xylene	12.123	106	143510	28.59	ug/L	98
55) Styrene	12.135	104	262099	29.60	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.670	83	82195	26.23	ug/L	99
59) Bromoform	12.299	173	56904	25.56	ug/L	99
60) Isopropylbenzene	12.417	105	374948	27.92	ug/L	99
61) 1,2,3-Trichloropropane	12.723	75	54995	25.83	ug/L	99
62) 1,3,5-Trimethylbenzene	12.905	105	294573	28.43	ug/L	100
63) 1,2,4-Trimethylbenzene	13.211	105	296218	28.95	ug/L	100
64) 1,3-Dichlorobenzene	13.458	146	192356	27.34	ug/L	100
65) 1,4-Dichlorobenzene	13.535	146	196681	26.87	ug/L	98
67) 1,2-Dichlorobenzene	13.829	146	176012	27.71	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.446	75	12649	25.36	ug/L	89
69) 1,3,5-Trichlorobenzene	14.593	180	127058	26.14	ug/L	99
70) 1,2,4-trichlorobenzene	15.093	180	106460	26.76	ug/L	99
71) Naphthalene	15.329	128	196253	27.14	ug/L	99
72) 1,2,3-Trichlorobenzene	15.517	180	102710	27.54	ug/L	99

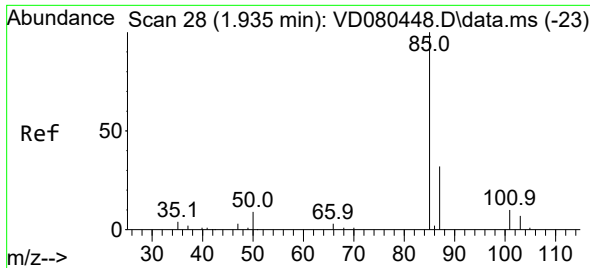
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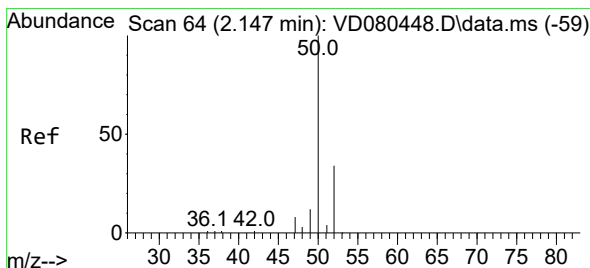
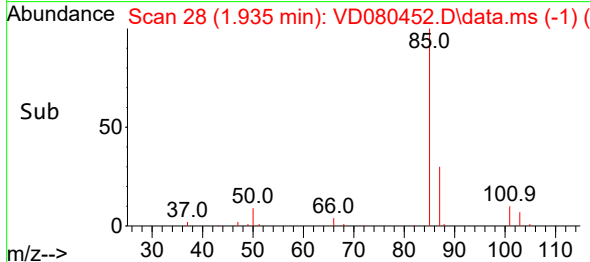
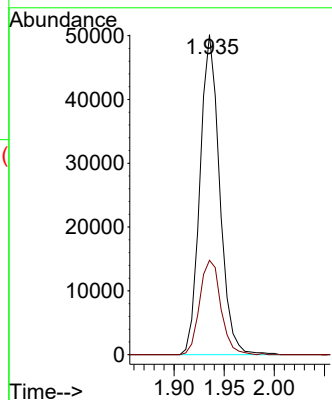
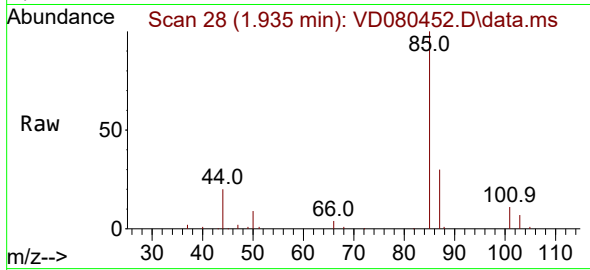




#2
 Dichlorodifluoromethane
 Concen: 20.27 ug/L
 RT: 1.935 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD080452.D
 Acq: 18 Jun 2025 12:20

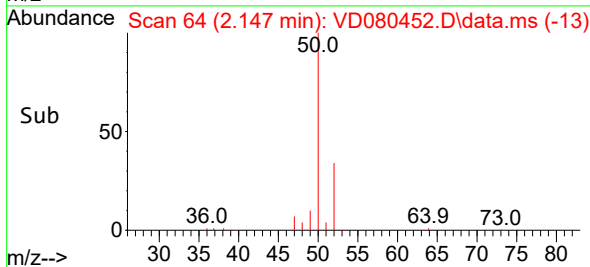
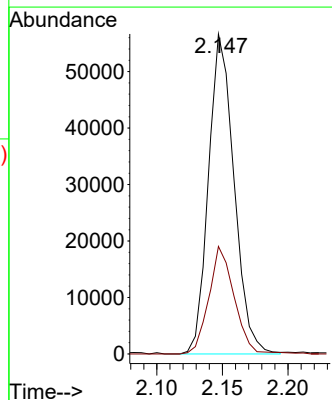
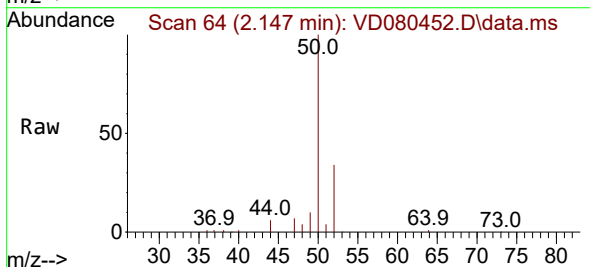
Instrument :
 MSVOA_D
 ClientSampleId :
 VICV887

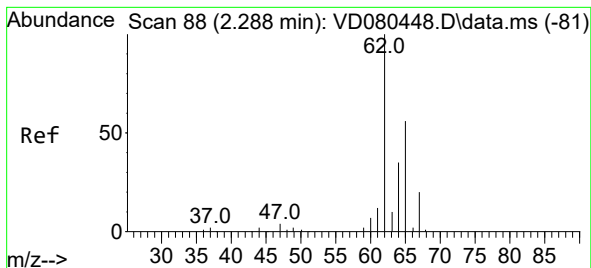
Tgt Ion: 85 Resp: 68491
 Ion Ratio Lower Upper
 85 100
 87 31.7 25.9 38.9



#3
 Chloromethane
 Concen: 24.23 ug/L
 RT: 2.147 min Scan# 64
 Delta R.T. -0.000 min
 Lab File: VD080452.D
 Acq: 18 Jun 2025 12:20

Tgt Ion: 50 Resp: 76831
 Ion Ratio Lower Upper
 50 100
 52 33.6 23.8 44.2





#5

Vinyl chloride

Concen: 23.65 ug/L

RT: 2.288 min Scan# 81

Delta R.T. 0.000 min

Lab File: VD080452.D

Acq: 18 Jun 2025 12:20

Instrument :

MSVOA_D

ClientSampleId :

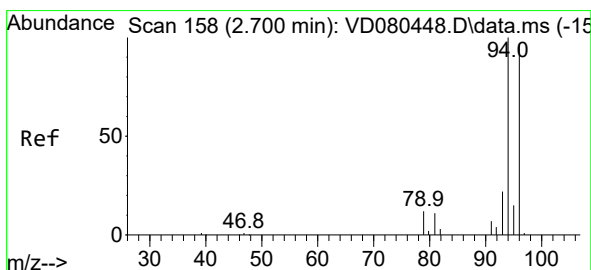
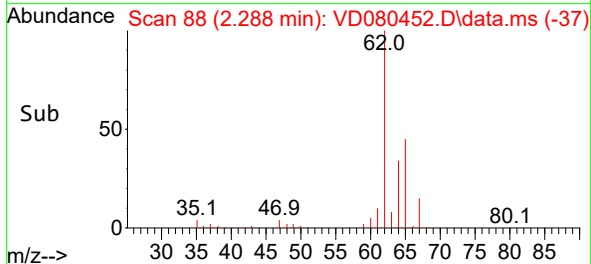
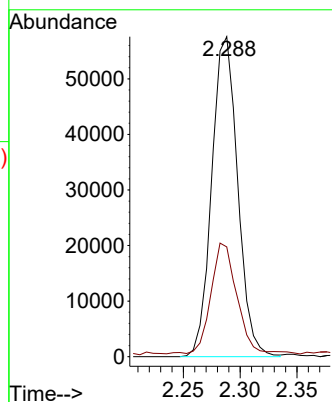
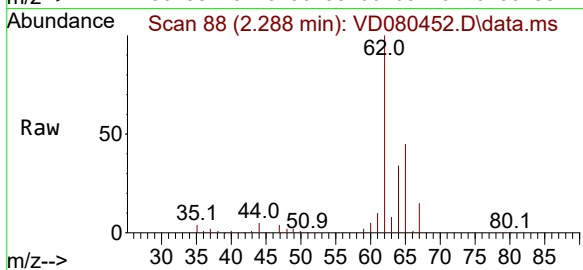
VICV887

Tgt Ion: 62 Resp: 91506

Ion Ratio Lower Upper

62 100

64 34.3 25.6 47.6



#6

Bromomethane

Concen: 23.99 ug/L

RT: 2.694 min Scan# 157

Delta R.T. -0.006 min

Lab File: VD080452.D

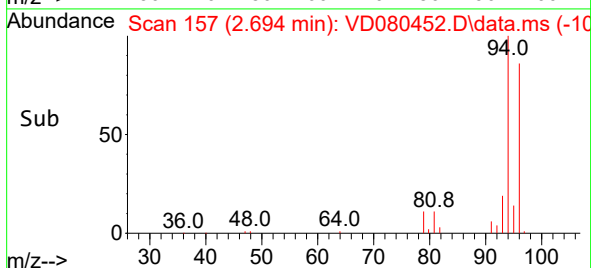
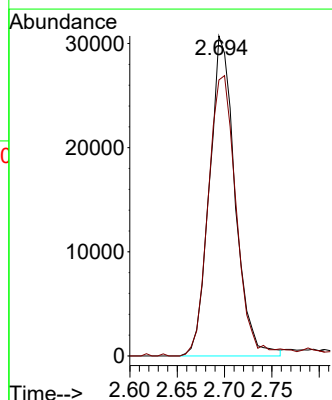
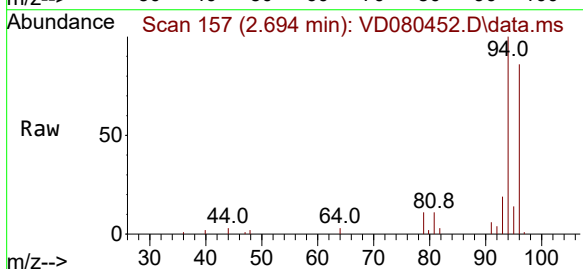
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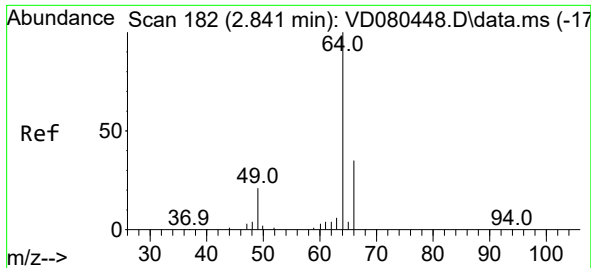
Tgt Ion: 94 Resp: 57654

Ion Ratio Lower Upper

94 100

96 86.2 67.6 125.6

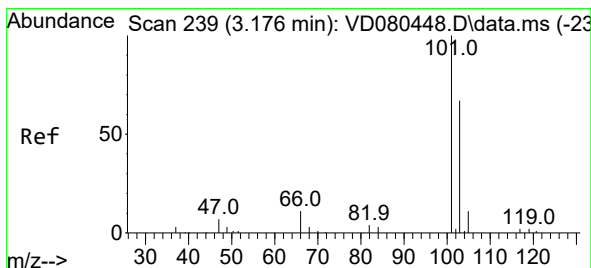
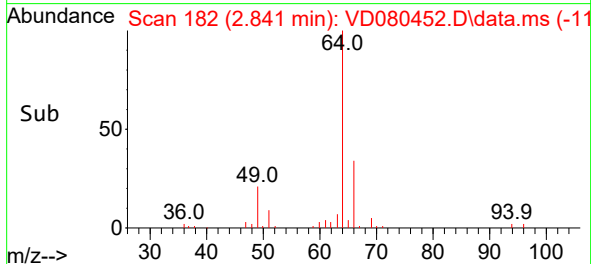
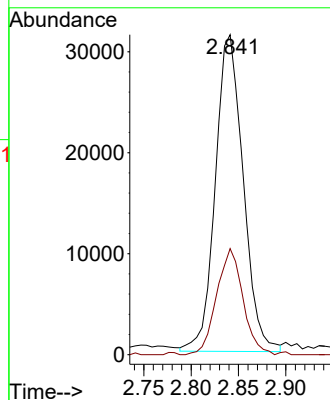
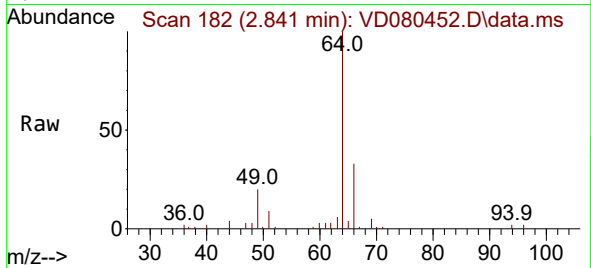




#8
Chloroethane
Concen: 24.10 ug/L
RT: 2.841 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD080452.D
Acq: 18 Jun 2025 12:20

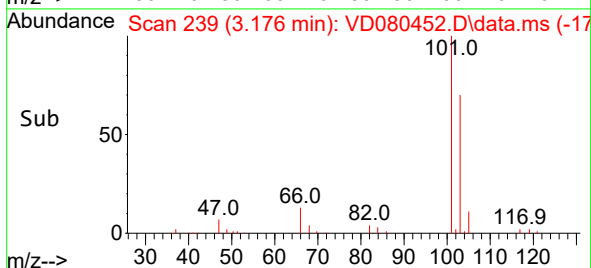
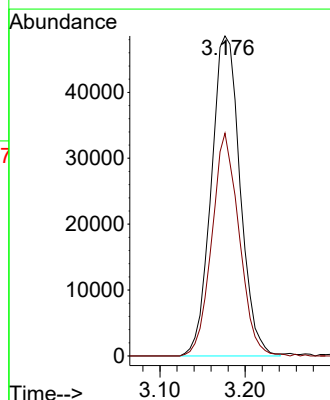
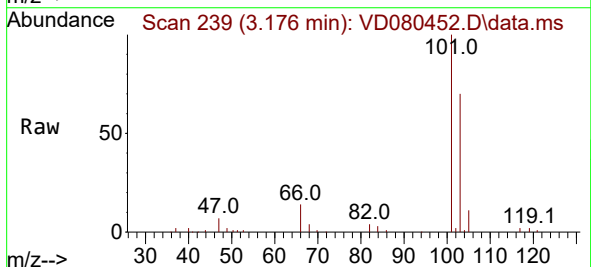
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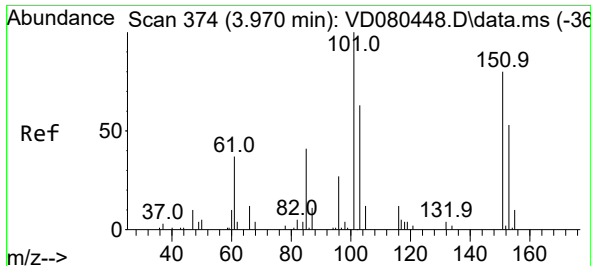
Tgt Ion: 64 Resp: 64184
Ion Ratio Lower Upper
64 100
66 33.2 23.9 44.3



#9
Trichlorofluoromethane
Concen: 21.55 ug/L
RT: 3.176 min Scan# 239
Delta R.T. 0.000 min
Lab File: VD080452.D
Acq: 18 Jun 2025 12:20

Tgt Ion:101 Resp: 114469
Ion Ratio Lower Upper
101 100
103 65.7 51.0 76.4

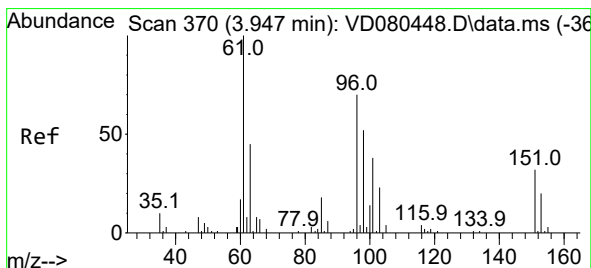
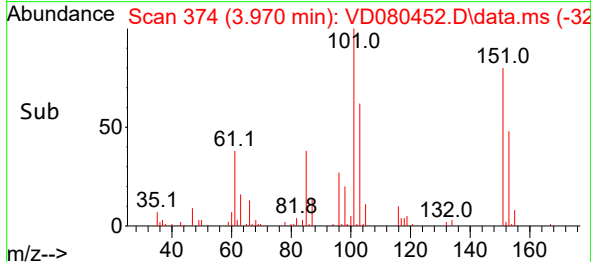
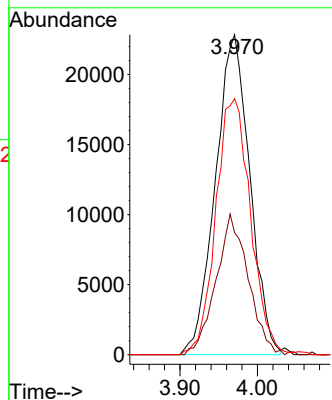
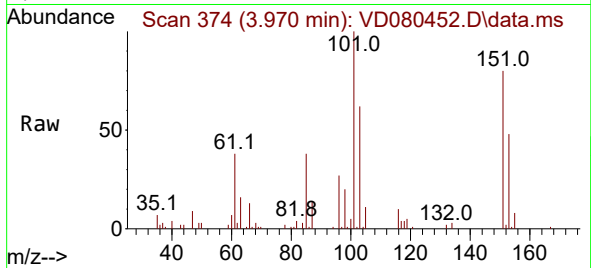




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.45 ug/L
 RT: 3.970 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VD080452.D
 Acq: 18 Jun 2025 12:20

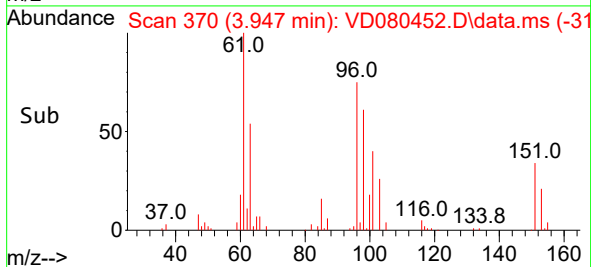
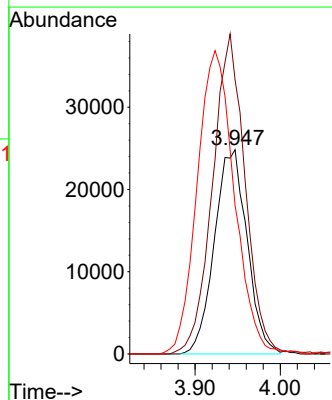
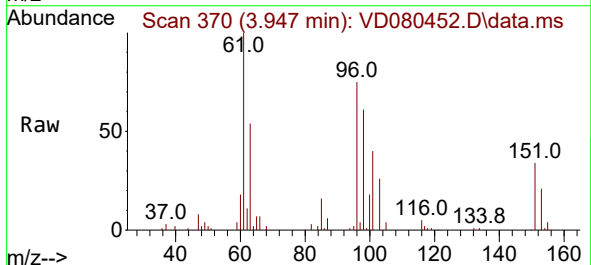
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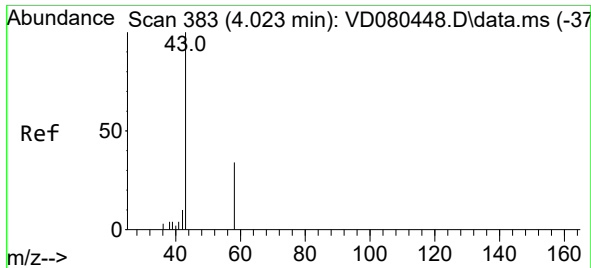
Tgt Ion:101 Resp: 70676
 Ion Ratio Lower Upper
 101 100
 85 40.9 32.0 48.0
 151 80.7 63.7 95.5



#12
 1,1-Dichloroethene
 Concen: 24.69 ug/L
 RT: 3.947 min Scan# 370
 Delta R.T. -0.000 min
 Lab File: VD080452.D
 Acq: 18 Jun 2025 12:20

Tgt Ion: 96 Resp: 66100
 Ion Ratio Lower Upper
 96 100
 61 134.1 103.0 191.4
 63 72.7 66.4 123.2





#13

Acetone

Concen: 69.56 ug/L

RT: 4.017 min Scan# 382

Delta R.T. -0.006 min

Lab File: VD080452.D

Acq: 18 Jun 2025 12:20

Instrument :

MSVOA_D

ClientSampleId :

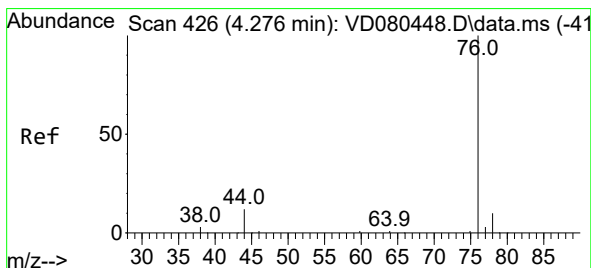
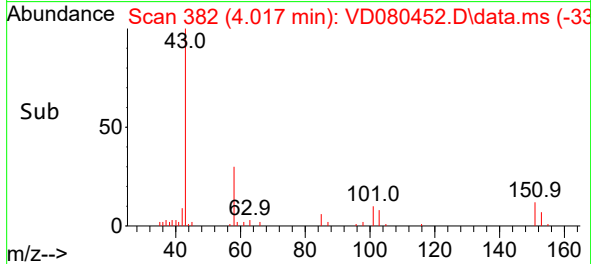
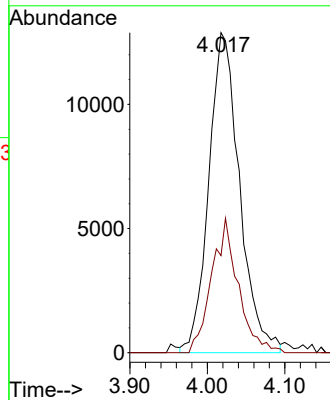
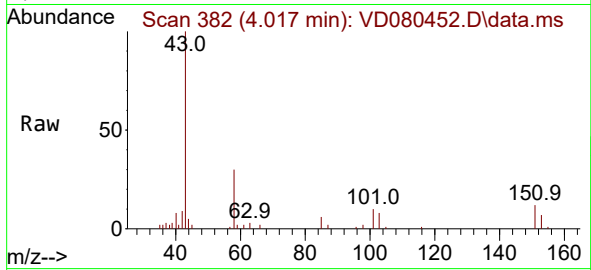
VICV887

Tgt Ion: 43 Resp: 35583

Ion Ratio Lower Upper

43 100

58 36.0 0.0 71.0



#14

Carbon disulfide

Concen: 24.97 ug/L

RT: 4.270 min Scan# 425

Delta R.T. -0.006 min

Lab File: VD080452.D

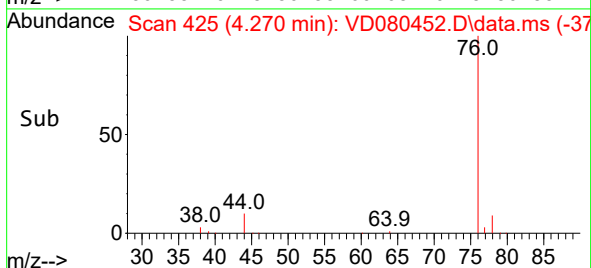
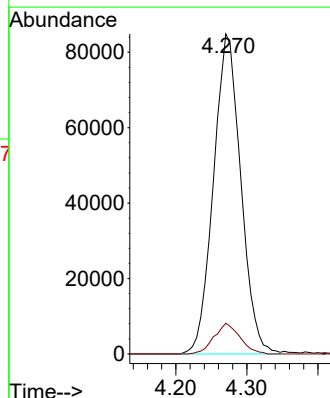
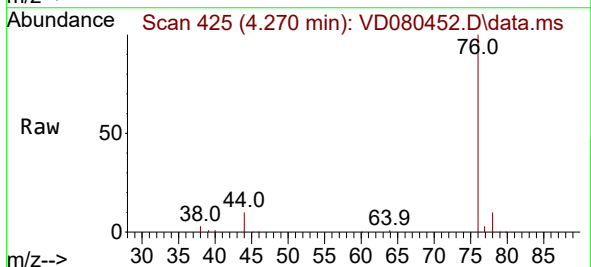
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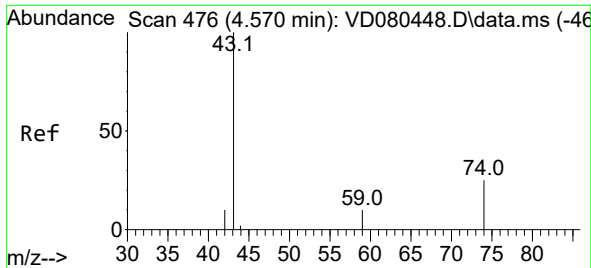
Tgt Ion: 76 Resp: 226809

Ion Ratio Lower Upper

76 100

78 9.6 7.9 11.9

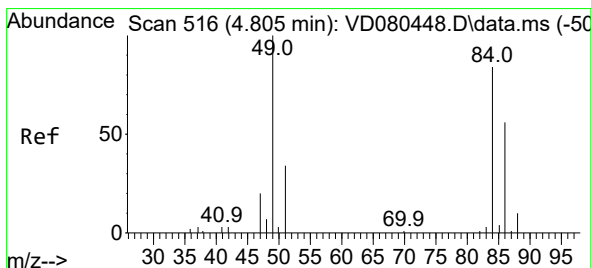
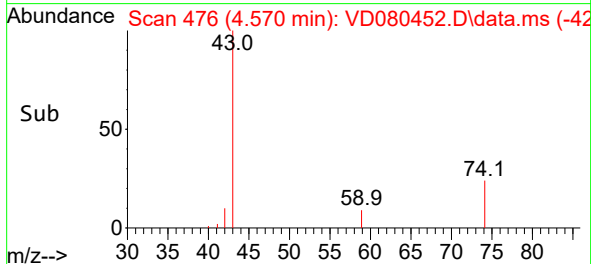
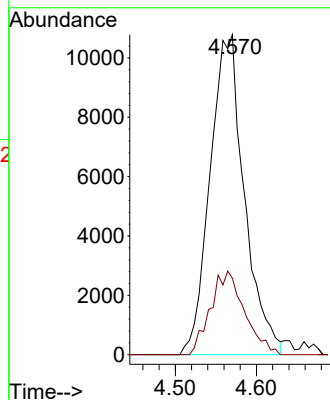
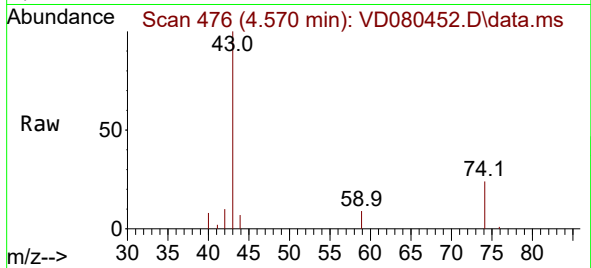




#15
Methyl Acetate
Concen: 25.67 ug/L
RT: 4.570 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD080452.D
Acq: 18 Jun 2025 12:20

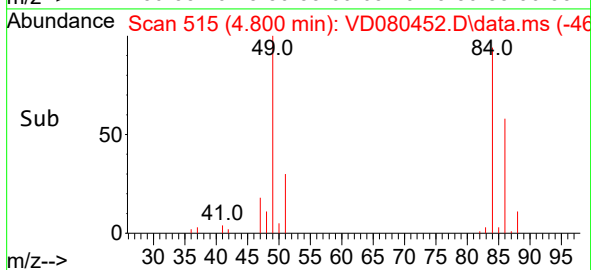
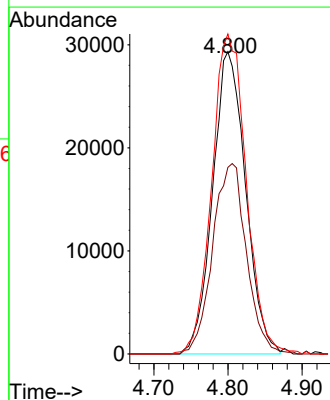
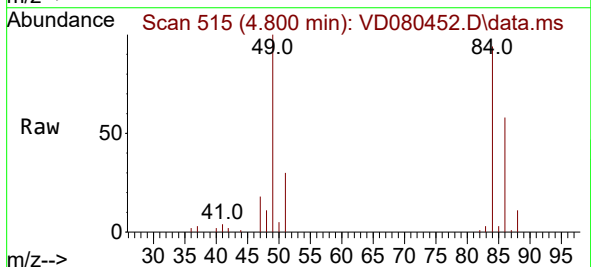
Instrument :
MSVOA_D
ClientSampleId :
VICV887

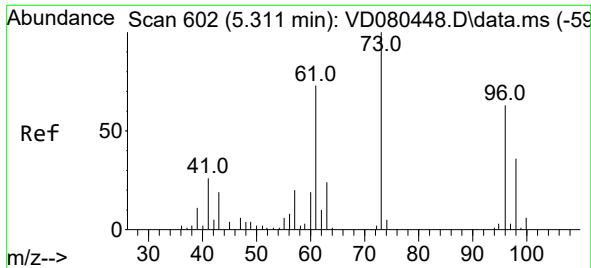
Tgt Ion: 43 Resp: 31658
Ion Ratio Lower Upper
43 100
74 25.9 20.3 30.5



#16
Methylene chloride
Concen: 27.39 ug/L
RT: 4.800 min Scan# 515
Delta R.T. -0.005 min
Lab File: VD080452.D
Acq: 18 Jun 2025 12:20

Tgt Ion: 84 Resp: 90630
Ion Ratio Lower Upper
84 100
86 61.7 46.7 86.7
49 105.9 83.0 154.1

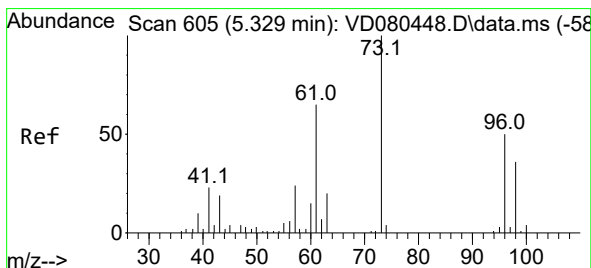
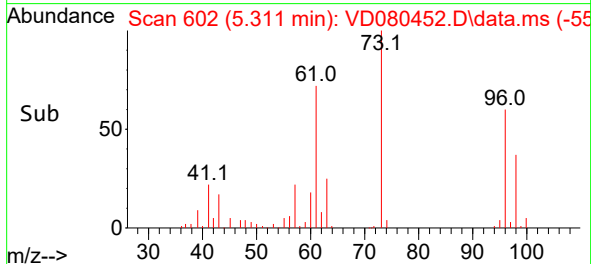
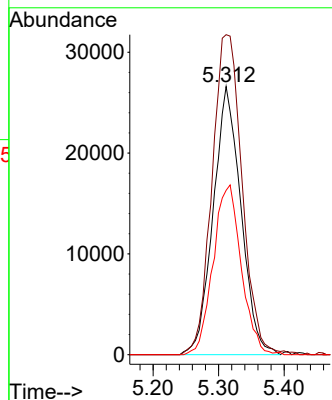
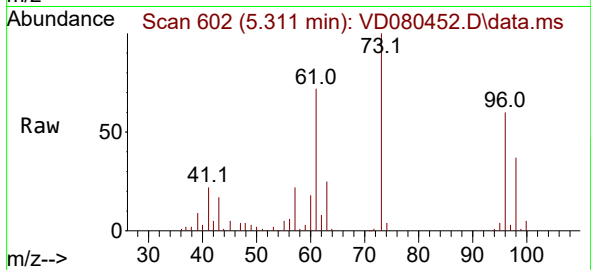




#17
trans-1,2-Dichloroethene
Concen: 27.85 ug/L
RT: 5.311 min Scan# 602
Delta R.T. 0.000 min
Lab File: VD080452.D
Acq: 18 Jun 2025 12:20

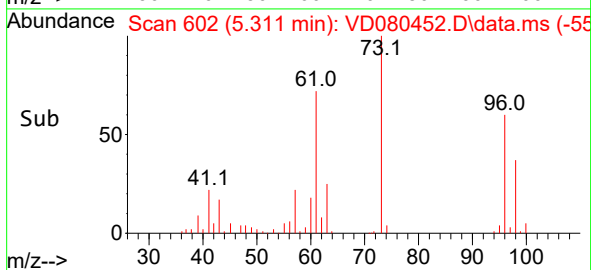
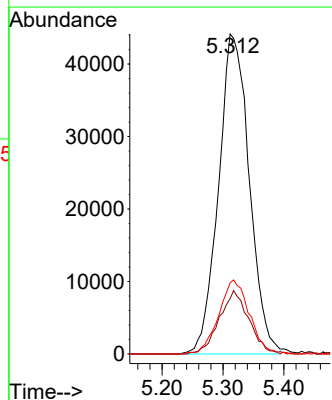
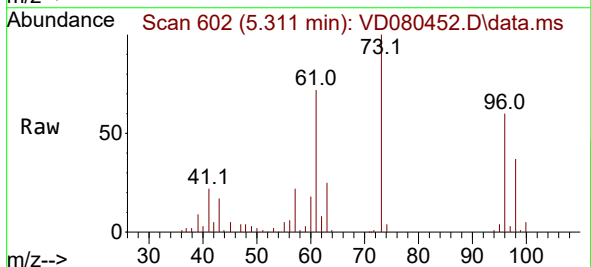
Instrument :
MSVOA_D
ClientSampleId :
VICV887

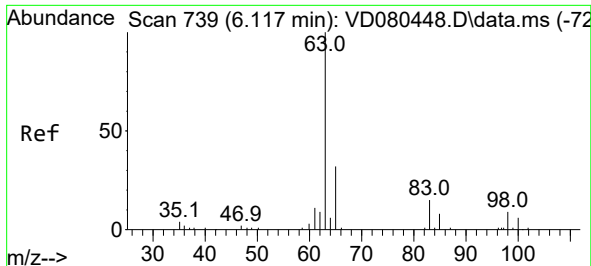
Tgt Ion: 96	Resp: 78084		
Ion Ratio	Lower	Upper	
96	100		
61	119.3	82.0	152.2
98	61.2	40.3	74.8



#18
Methyl tert-butyl Ether
Concen: 27.48 ug/L
RT: 5.311 min Scan# 602
Delta R.T. -0.018 min
Lab File: VD080452.D
Acq: 18 Jun 2025 12:20

Tgt Ion: 73	Resp: 155078
Ion Ratio	Lower Upper
73 100	
43 19.0	15.8 23.8
57 22.7	17.6 26.4





#19

1,1-Dichloroethane

Concen: 25.76 ug/L

RT: 6.111 min Scan# 738

Delta R.T. -0.006 min

Lab File: VD080452.D

Acq: 18 Jun 2025 12:20

Instrument :

MSVOA_D

ClientSampleId :

VICV887

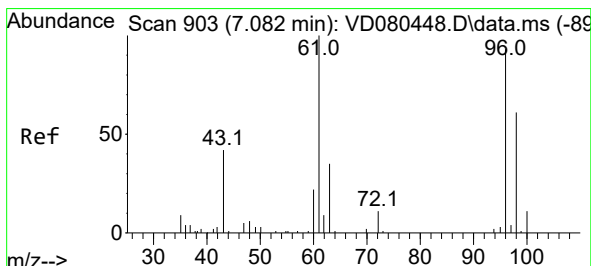
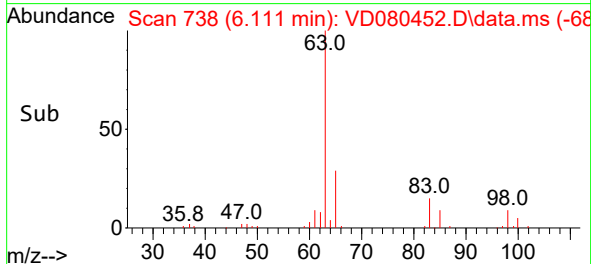
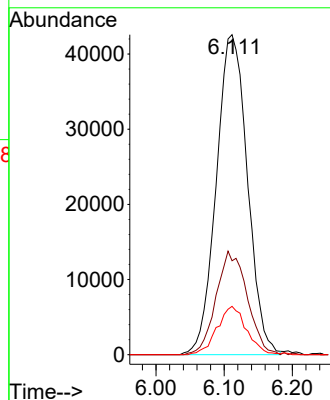
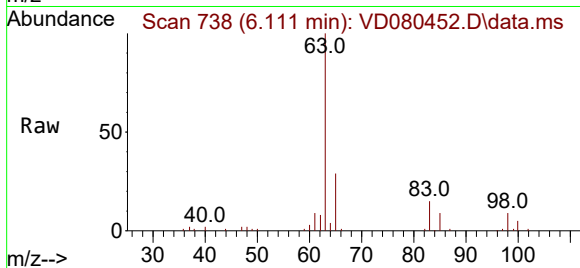
Tgt Ion: 63 Resp: 135408

Ion Ratio Lower Upper

63 100

65 29.3 22.0 41.0

83 15.1 10.8 20.0



#20

cis-1,2-Dichloroethene

Concen: 27.82 ug/L

RT: 7.082 min Scan# 903

Delta R.T. 0.000 min

Lab File: VD080452.D

Acq: 18 Jun 2025 12:20

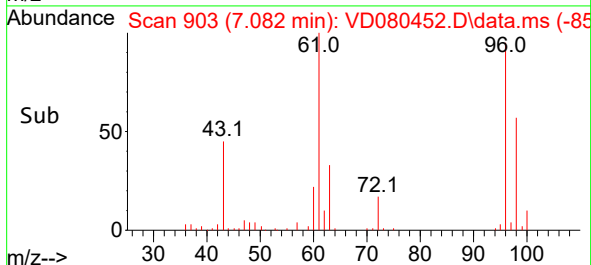
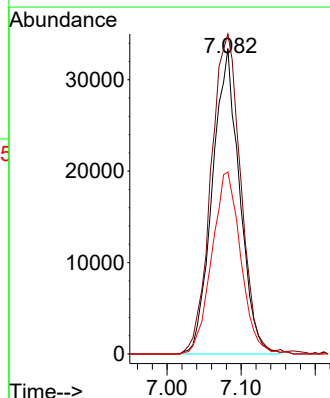
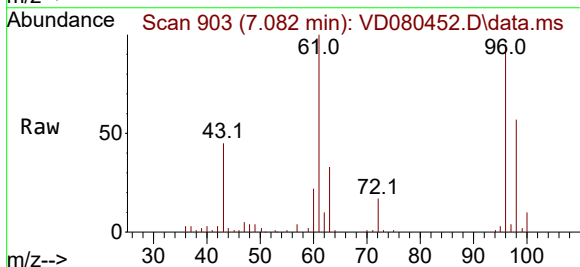
Tgt Ion: 96 Resp: 85060

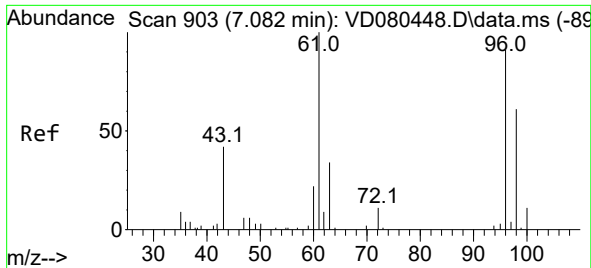
Ion Ratio Lower Upper

96 100

61 104.8 75.8 140.8

98 59.5 45.9 85.3

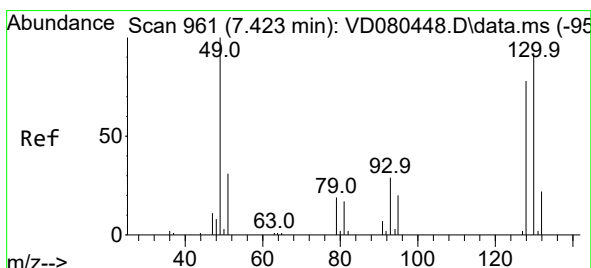
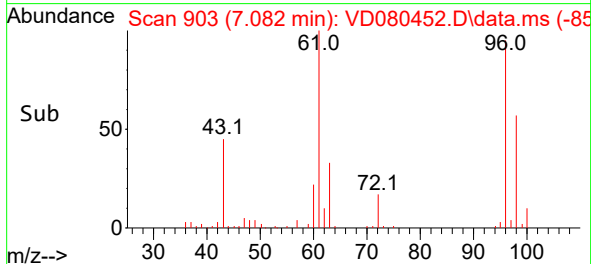
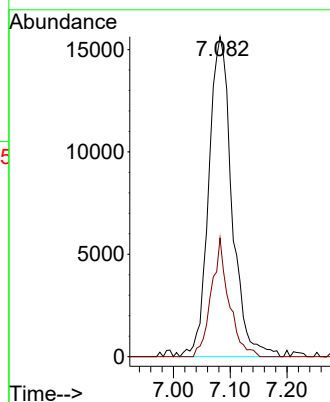
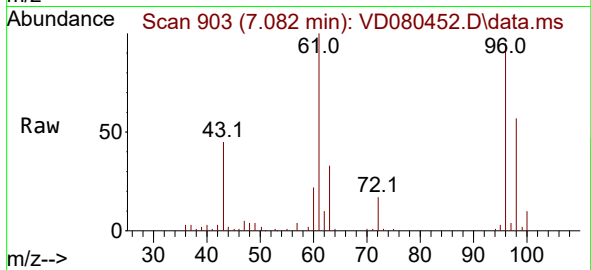




#22
2-Butanone
Concen: 59.72 ug/L
RT: 7.082 min Scan# 903
Delta R.T. 0.000 min
Lab File: VD080452.D
Acq: 18 Jun 2025 12:20

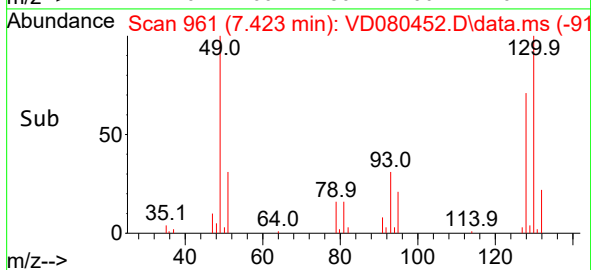
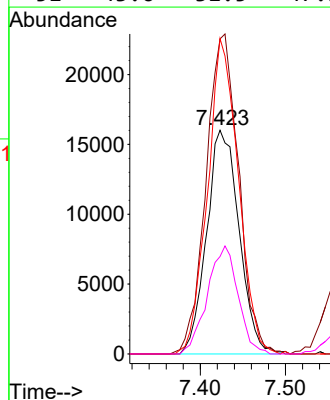
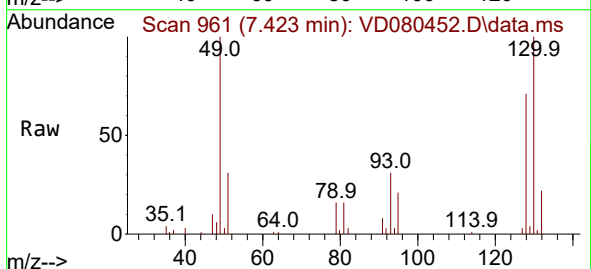
Instrument :
MSVOA_D
ClientSampleId :
VICV887

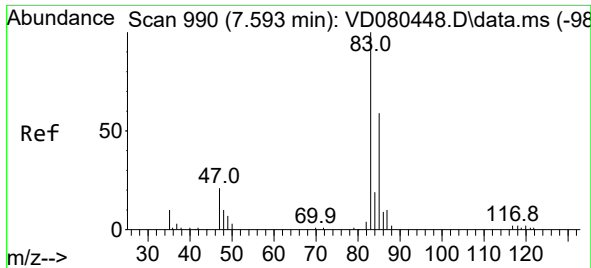
Tgt Ion: 43 Resp: 44347
Ion Ratio Lower Upper
43 100
72 27.6 14.9 44.5



#23
Bromochloromethane
Concen: 25.82 ug/L
RT: 7.423 min Scan# 961
Delta R.T. 0.000 min
Lab File: VD080452.D
Acq: 18 Jun 2025 12:20

Tgt Ion:128 Resp: 42426
Ion Ratio Lower Upper
128 100
49 140.9 89.5 166.3
130 141.0 82.5 153.1
51 43.6 31.5 47.3

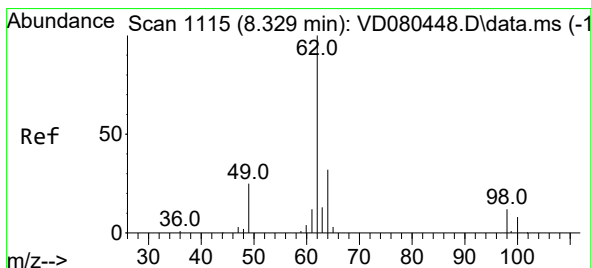
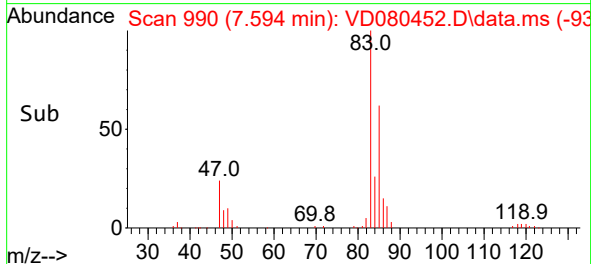
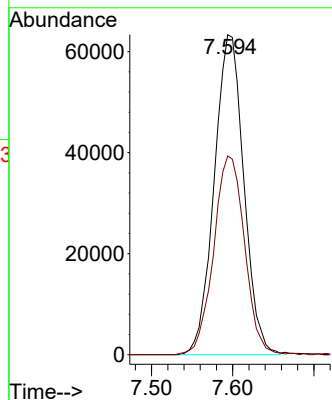
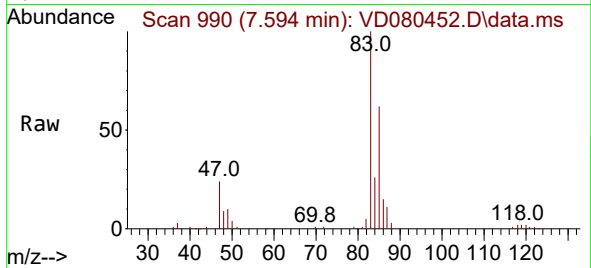




#25
Chloroform
Concen: 26.49 ug/L
RT: 7.594 min Scan# 990
Delta R.T. 0.000 min
Lab File: VD080452.D
Acq: 18 Jun 2025 12:20

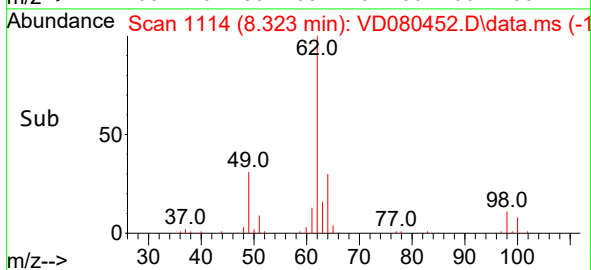
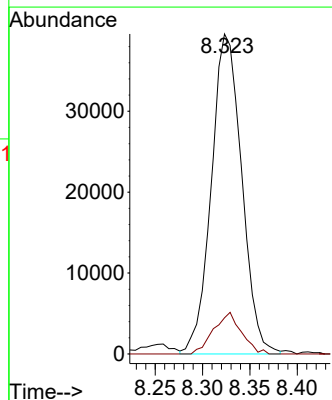
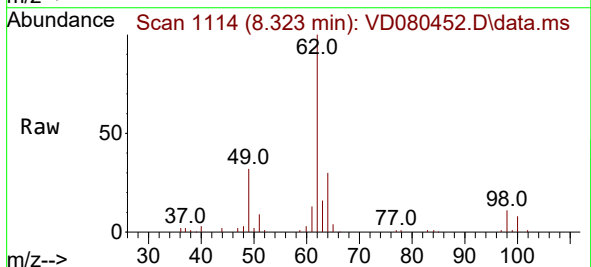
Instrument :
MSVOA_D
ClientSampleId :
VICV887

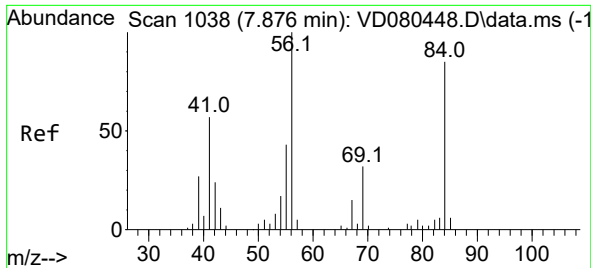
Tgt Ion: 83 Resp: 160318
Ion Ratio Lower Upper
83 100
85 62.1 42.0 78.0



#27
1,2-Dichloroethane
Concen: 26.01 ug/L
RT: 8.323 min Scan# 1114
Delta R.T. -0.006 min
Lab File: VD080452.D
Acq: 18 Jun 2025 12:20

Tgt Ion: 62 Resp: 88350
Ion Ratio Lower Upper
62 100
98 11.3 9.4 14.2

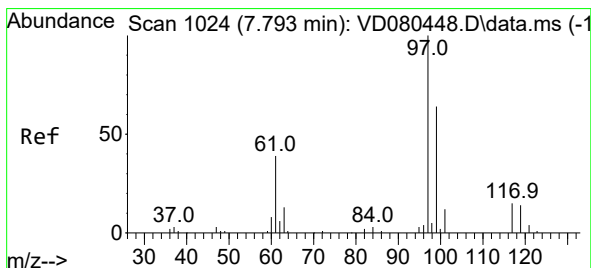
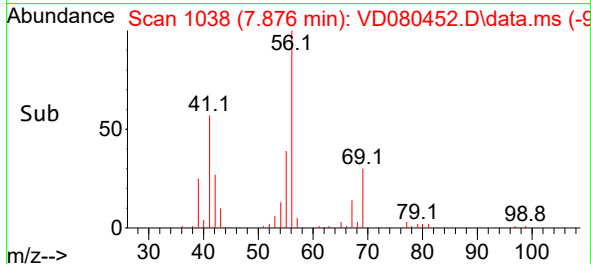
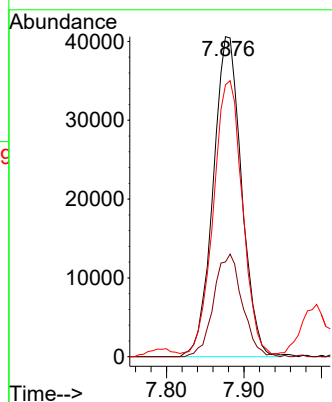
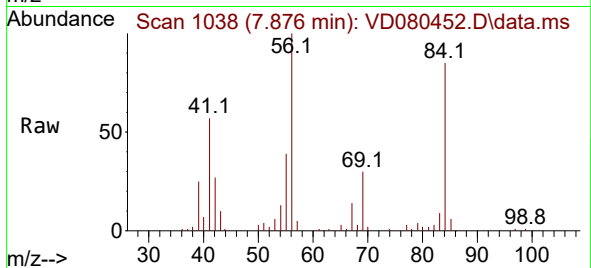




#29
Cyclohexane
Concen: 24.19 ug/L
RT: 7.876 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VD080452.D
Acq: 18 Jun 2025 12:20

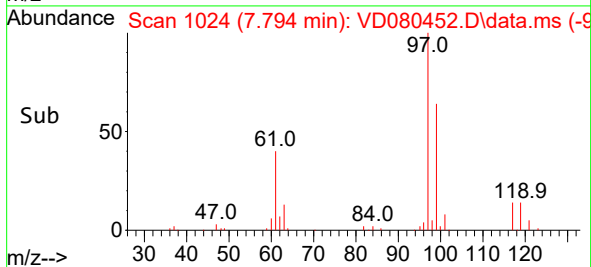
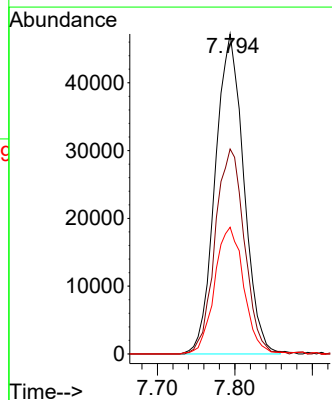
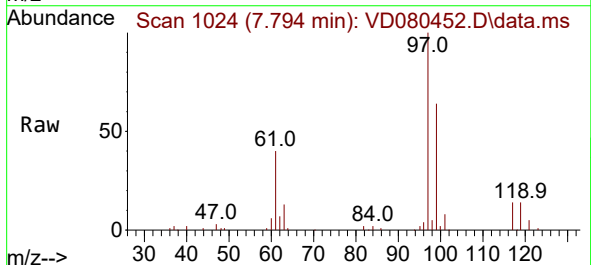
Instrument :
MSVOA_D
ClientSampleId :
VICV887

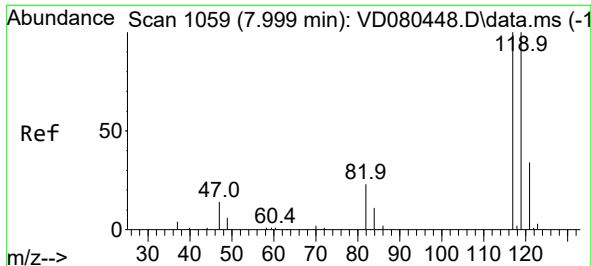
Tgt Ion: 56 Resp: 103655
Ion Ratio Lower Upper
56 100
69 32.0 25.7 38.5
84 89.0 73.4 110.0



#30
1,1,1-Trichloroethane
Concen: 24.77 ug/L
RT: 7.794 min Scan# 1024
Delta R.T. 0.001 min
Lab File: VD080452.D
Acq: 18 Jun 2025 12:20

Tgt Ion: 97 Resp: 120598
Ion Ratio Lower Upper
97 100
99 65.7 51.1 76.7
61 40.7 32.4 48.6

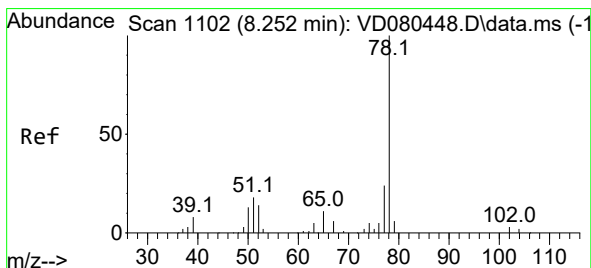
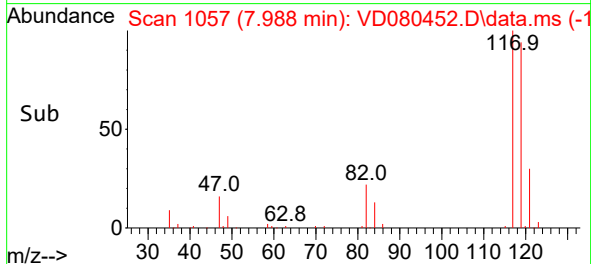
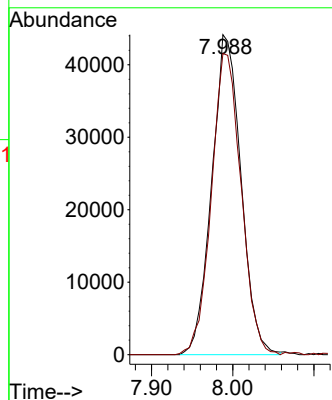
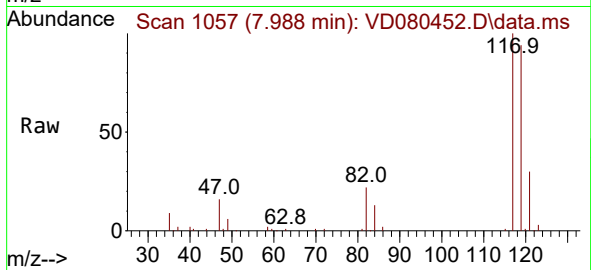




#31
Carbon tetrachloride
Concen: 23.67 ug/L
RT: 7.988 min Scan# 110531
Delta R.T. -0.011 min
Lab File: VD080452.D
Acq: 18 Jun 2025 12:20

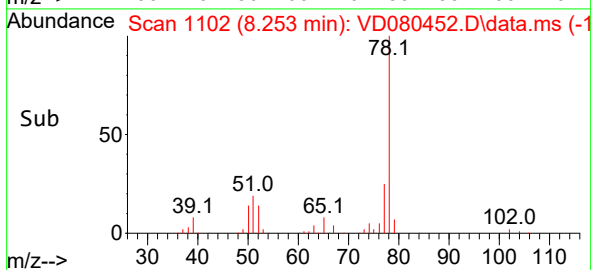
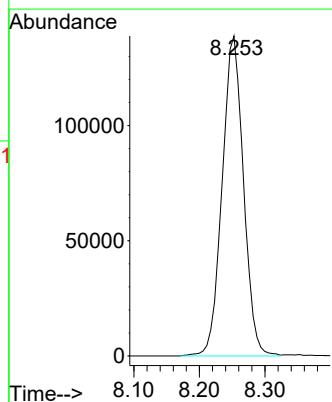
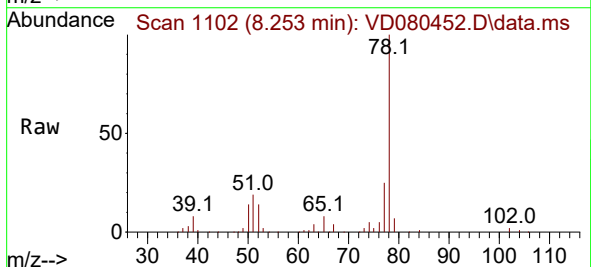
Instrument :
MSVOA_D
ClientSampleId :
VICV887

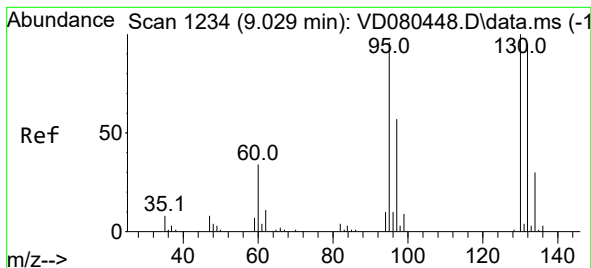
Tgt Ion:117 Resp: 110531
Ion Ratio Lower Upper
117 100
119 95.4 77.2 115.8



#33
Benzene
Concen: 27.71 ug/L
RT: 8.253 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VD080452.D
Acq: 18 Jun 2025 12:20

Tgt Ion: 78 Resp: 313710





#34

Trichloroethene

Concen: 25.86 ug/L

RT: 9.029 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD080452.D

Acq: 18 Jun 2025 12:20

Instrument :

MSVOA_D

ClientSampleId :

VICV887

Tgt Ion: 95 Resp: 84470

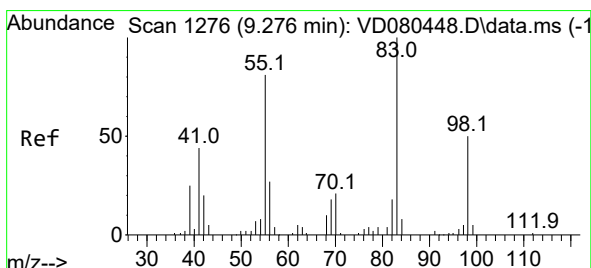
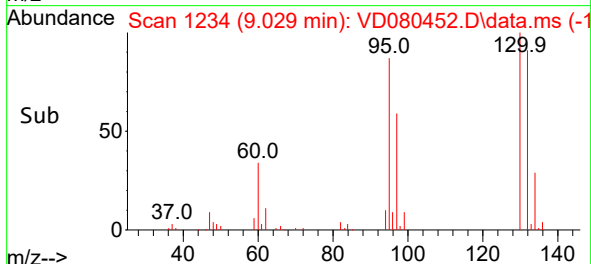
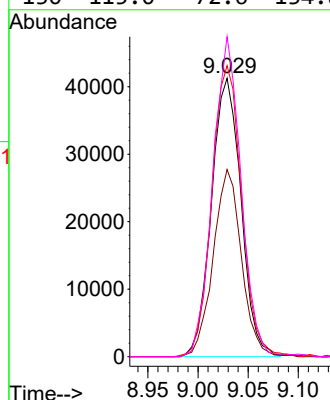
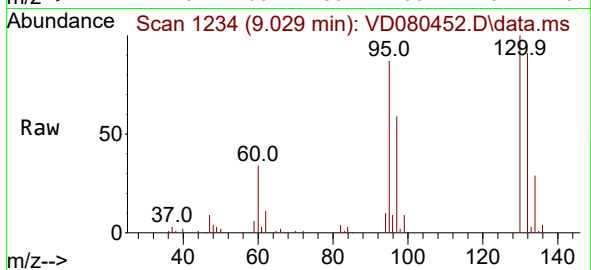
Ion Ratio Lower Upper

95 100

97 67.3 41.5 77.1

132 104.6 69.1 128.3

130 115.0 72.6 134.8



#35

Methylcyclohexane

Concen: 23.39 ug/L

RT: 9.276 min Scan# 1276

Delta R.T. 0.000 min

Lab File: VD080452.D

Acq: 18 Jun 2025 12:20

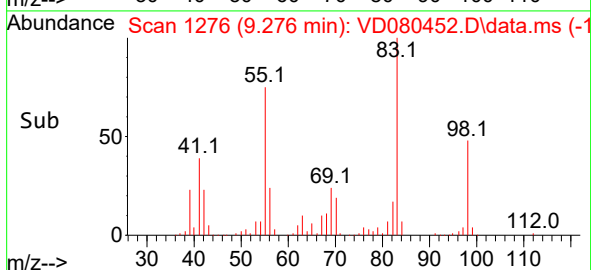
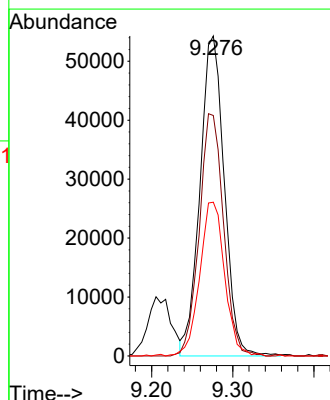
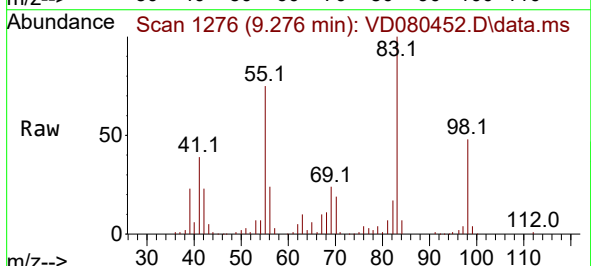
Tgt Ion: 83 Resp: 112900

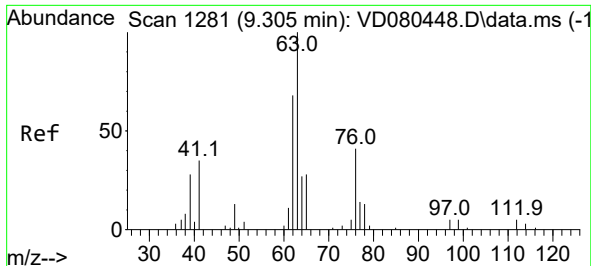
Ion Ratio Lower Upper

83 100

55 75.2 59.7 89.5

98 49.1 38.2 57.2





#37

1,2-Dichloropropane

Concen: 27.11 ug/L

RT: 9.305 min Scan# 1281

Delta R.T. 0.000 min

Lab File: VD080452.D

Acq: 18 Jun 2025 12:20

Instrument :

MSVOA_D

ClientSampleId :

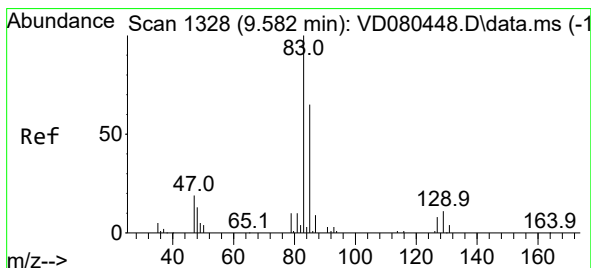
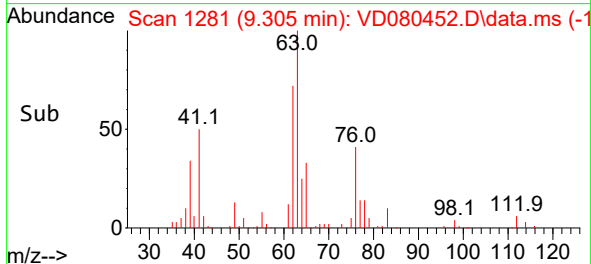
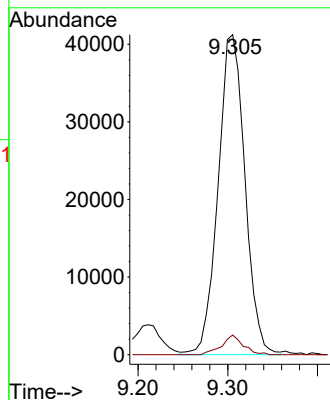
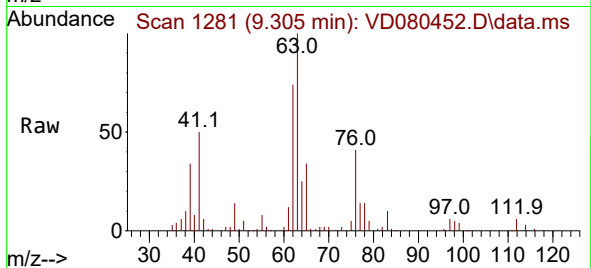
VICV887

Tgt Ion: 63 Resp: 85607

Ion Ratio Lower Upper

63 100

112 4.8 3.9 5.9



#38

Bromodichloromethane

Concen: 26.33 ug/L

RT: 9.582 min Scan# 1328

Delta R.T. -0.000 min

Lab File: VD080452.D

Acq: 18 Jun 2025 12:20

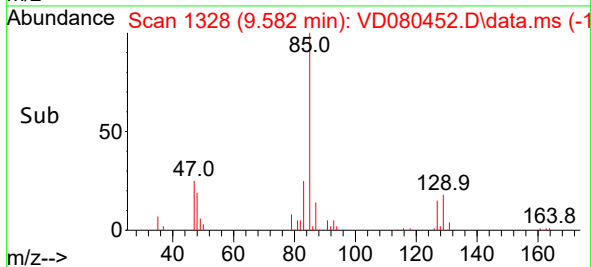
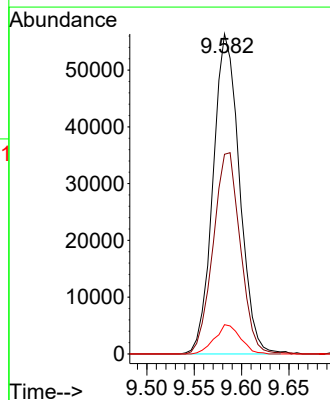
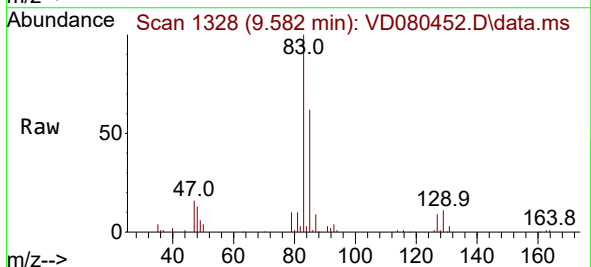
Tgt Ion: 83 Resp: 109308

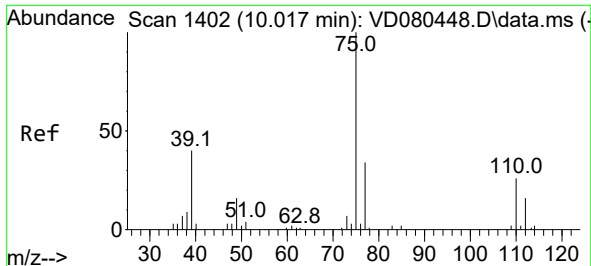
Ion Ratio Lower Upper

83 100

85 62.4 45.2 84.0

127 9.2 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 26.98 ug/L

RT: 10.017 min Scan# 1402

Delta R.T. 0.000 min

Lab File: VD080452.D

Acq: 18 Jun 2025 12:20

Instrument :

MSVOA_D

ClientSampleId :

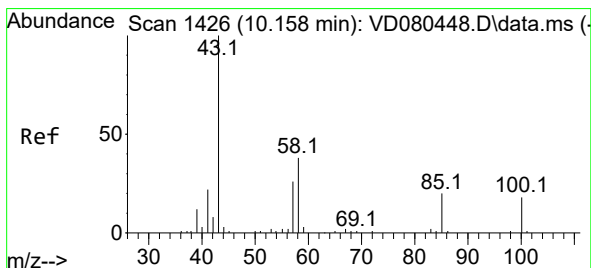
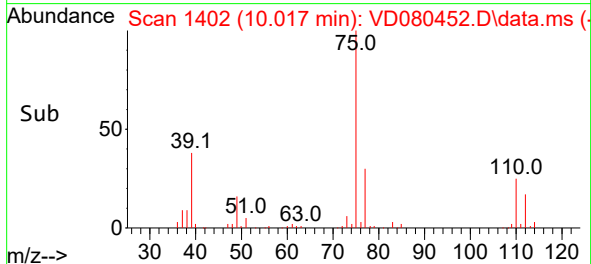
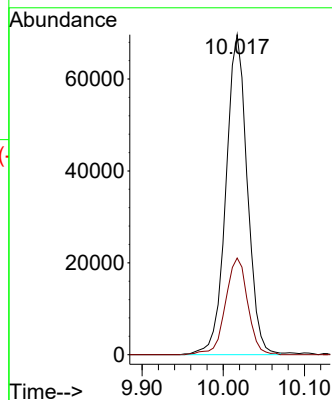
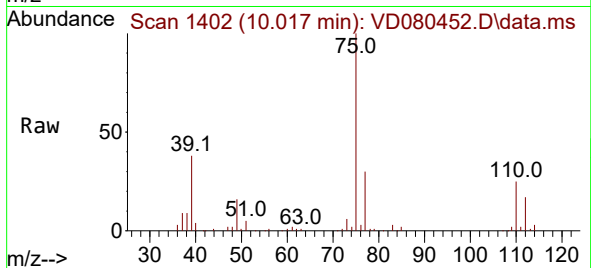
VICV887

Tgt Ion: 75 Resp: 127501

Ion Ratio Lower Upper

75 100

77 30.2 24.1 44.7



#40

4-Methyl-2-pentanone

Concen: 57.02 ug/L

RT: 10.158 min Scan# 1426

Delta R.T. 0.000 min

Lab File: VD080452.D

Acq: 18 Jun 2025 12:20

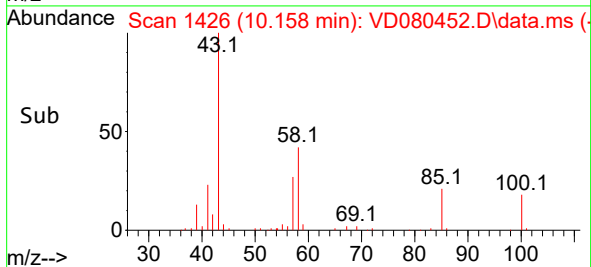
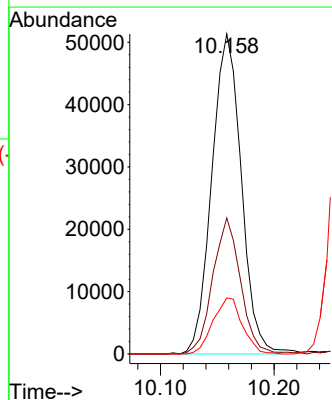
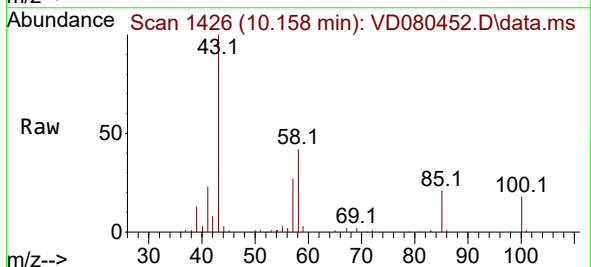
Tgt Ion: 43 Resp: 92278

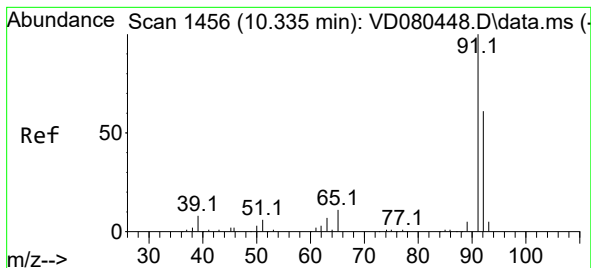
Ion Ratio Lower Upper

43 100

58 40.1 31.7 47.5

100 17.4 13.4 20.0





#42

Toluene

Concen: 28.30 ug/L

RT: 10.335 min Scan# 1456

Delta R.T. -0.000 min

Lab File: VD080452.D

Acq: 18 Jun 2025 12:20

Instrument :

MSVOA_D

ClientSampleId :

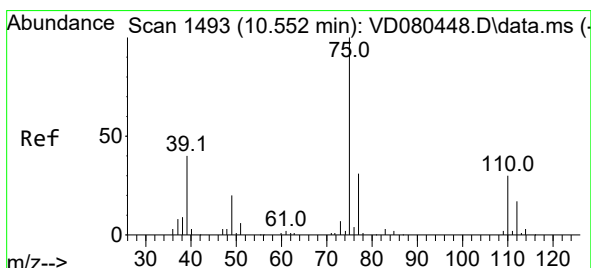
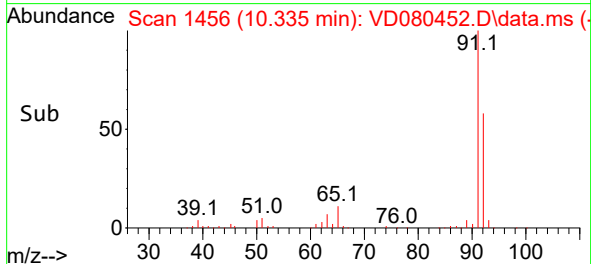
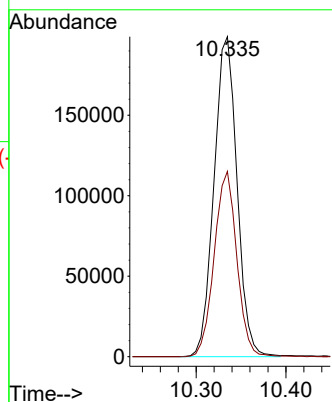
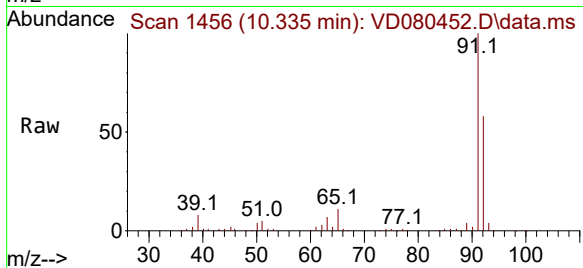
VICV887

Tgt Ion: 91 Resp: 354240

Ion Ratio Lower Upper

91 100

92 57.9 42.6 79.0



#44

trans-1,3-Dichloropropene

Concen: 28.00 ug/L

RT: 10.552 min Scan# 1493

Delta R.T. 0.000 min

Lab File: VD080452.D

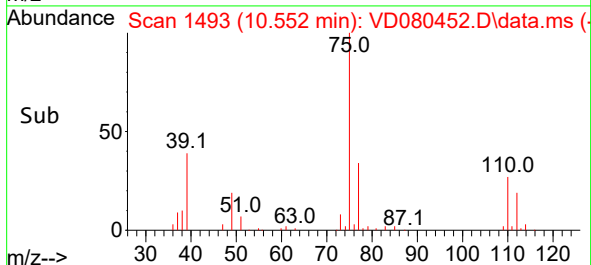
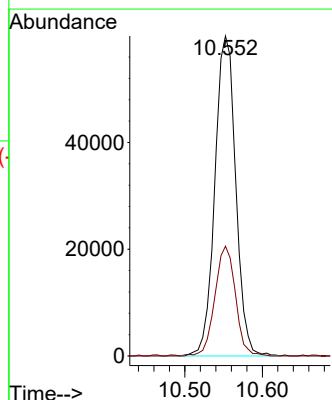
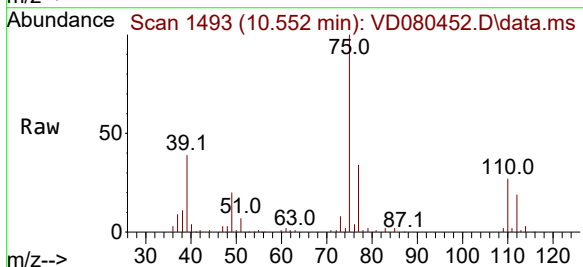
Acq: 18 Jun 2025 12:20

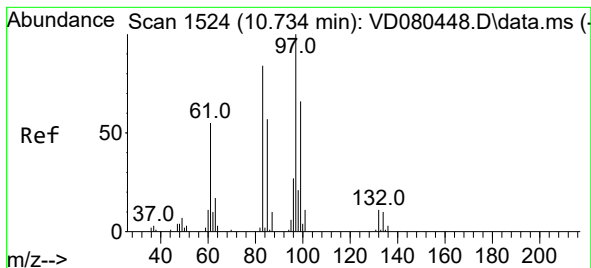
Tgt Ion: 75 Resp: 111990

Ion Ratio Lower Upper

75 100

77 34.3 21.8 40.6





#45

1,1,2-Trichloroethane

Concen: 27.19 ug/L

RT: 10.735 min Scan# 1524

Delta R.T. 0.001 min

Lab File: VD080452.D

Acq: 18 Jun 2025 12:20

Instrument :

MSVOA_D

ClientSampleId :

VICV887

Tgt Ion: 97 Resp: 69773

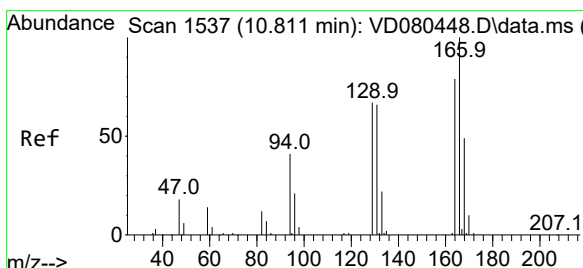
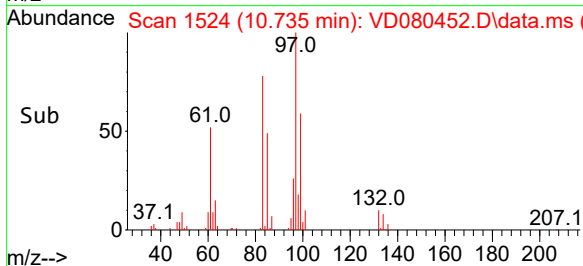
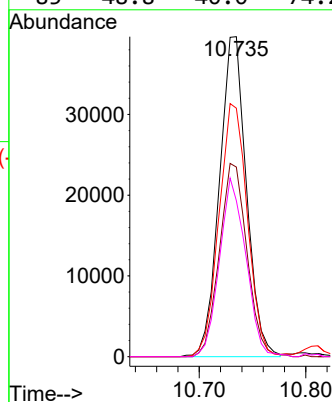
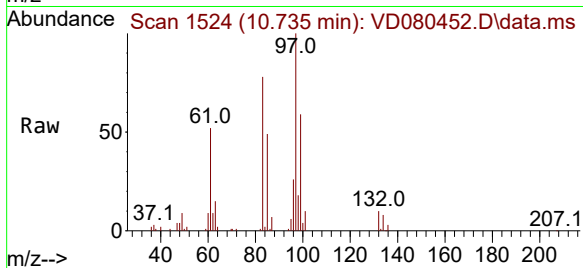
Ion Ratio Lower Upper

97 100

99 59.2 46.5 86.3

83 77.7 58.5 108.7

85 48.8 40.0 74.2



#46

Tetrachloroethene

Concen: 25.11 ug/L

RT: 10.805 min Scan# 1536

Delta R.T. -0.006 min

Lab File: VD080452.D

Acq: 18 Jun 2025 12:20

Tgt Ion:164 Resp: 73342

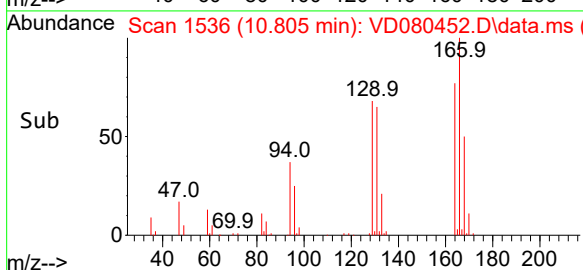
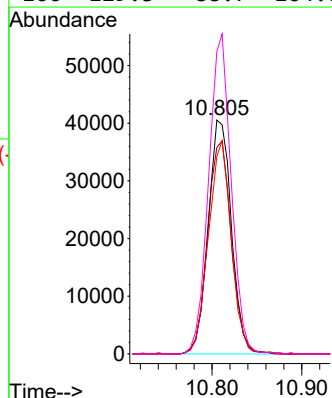
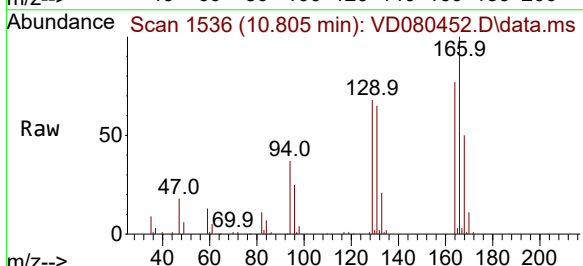
Ion Ratio Lower Upper

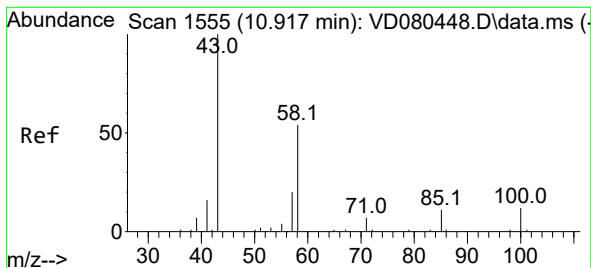
164 100

129 88.3 59.7 110.9

131 84.5 58.7 109.1

166 129.3 88.7 164.7





#48

2-Hexanone

Concen: 58.23 ug/L

RT: 10.917 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD080452.D

Acq: 18 Jun 2025 12:20

Instrument :

MSVOA_D

ClientSampleId :

VICV887

Tgt Ion: 43 Resp: 68671

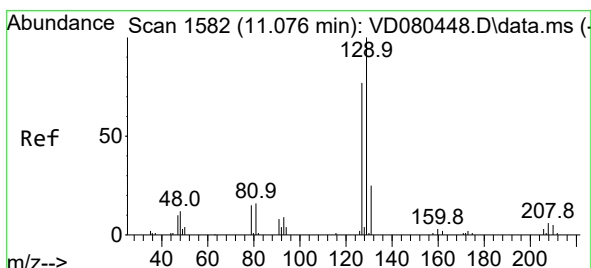
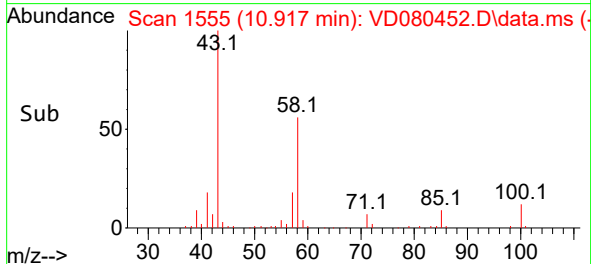
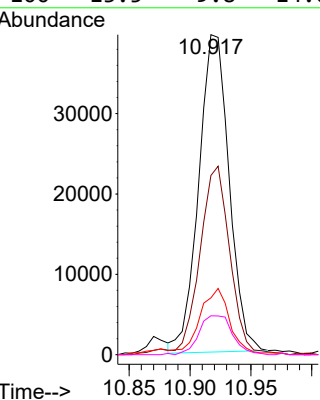
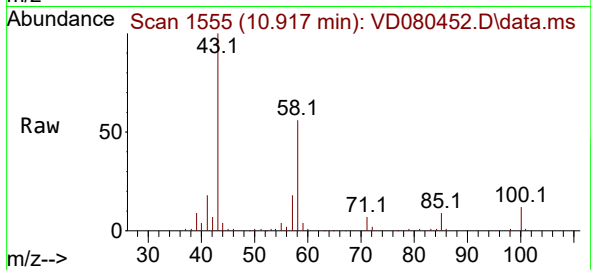
Ion Ratio Lower Upper

43 100

58 58.3 43.8 65.6

57 20.6 15.6 23.4

100 13.5 9.8 14.6



#49

Dibromochloromethane

Concen: 26.55 ug/L

RT: 11.070 min Scan# 1581

Delta R.T. -0.006 min

Lab File: VD080452.D

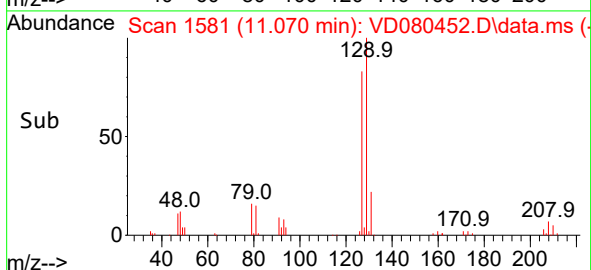
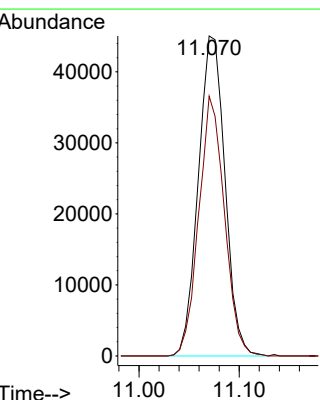
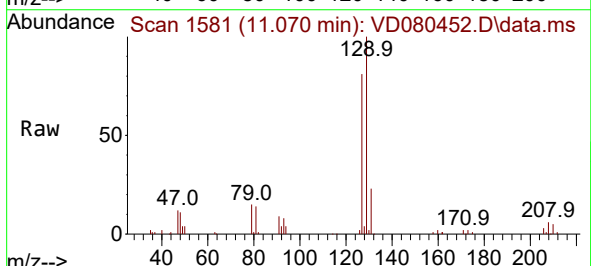
Acq: 18 Jun 2025 12:20

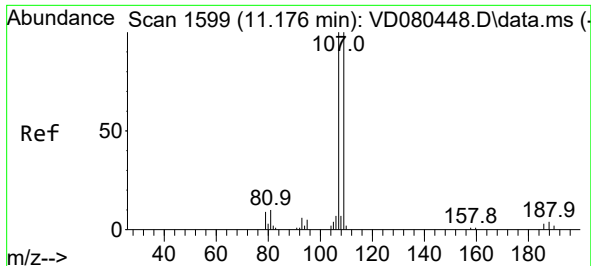
Tgt Ion: 129 Resp: 83215

Ion Ratio Lower Upper

129 100

127 81.2 54.1 100.5

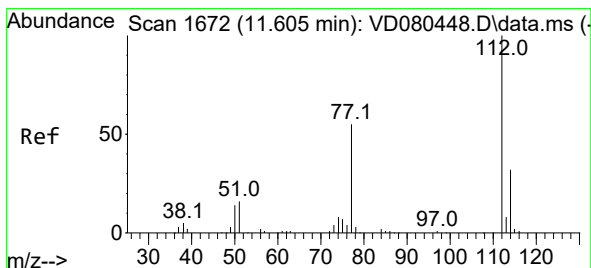
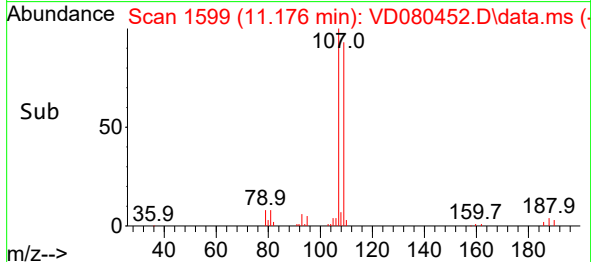
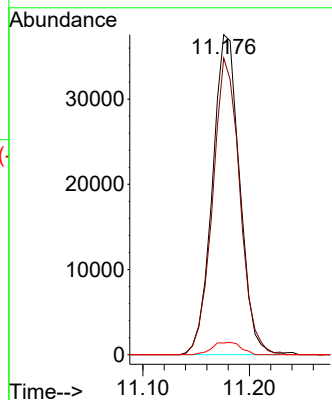
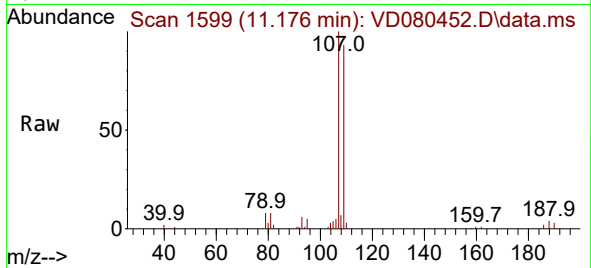




#50
1,2-Dibromoethane
Concen: 26.93 ug/L
RT: 11.176 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VD080452.D
Acq: 18 Jun 2025 12:20

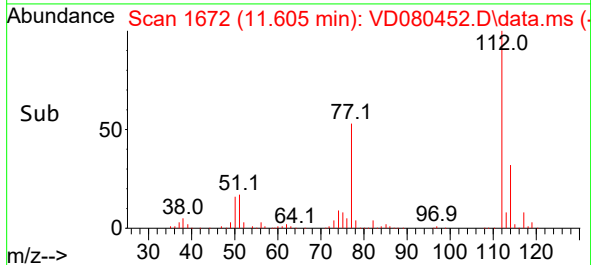
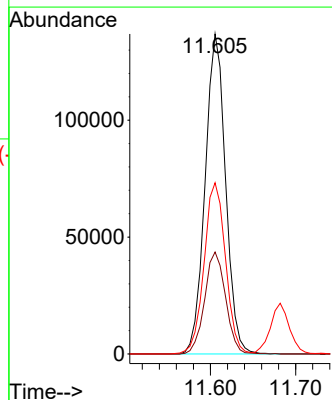
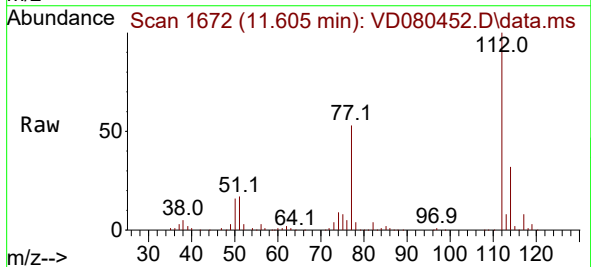
Instrument :
MSVOA_D
ClientSampleId :
VICV887

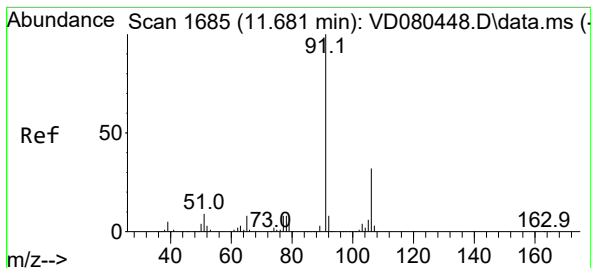
Tgt Ion:	107	Resp:	66613
Ion Ratio	Lower	Upper	
107	100		
109	92.7	69.8	129.6
188	3.7	2.9	4.3



#51
Chlorobenzene
Concen: 26.53 ug/L
RT: 11.605 min Scan# 1672
Delta R.T. 0.000 min
Lab File: VD080452.D
Acq: 18 Jun 2025 12:20

Tgt Ion:	112	Resp:	229036
Ion Ratio	Lower	Upper	
112	100		
114	31.9	22.3	41.3
77	53.5	44.2	66.4





#52

Ethylbenzene

Concen: 28.14 ug/L

RT: 11.682 min Scan# 1

Delta R.T. 0.001 min

Lab File: VD080452.D

Acq: 18 Jun 2025 12:20

Instrument :

MSVOA_D

ClientSampleId :

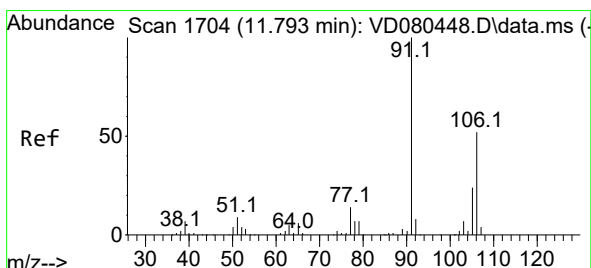
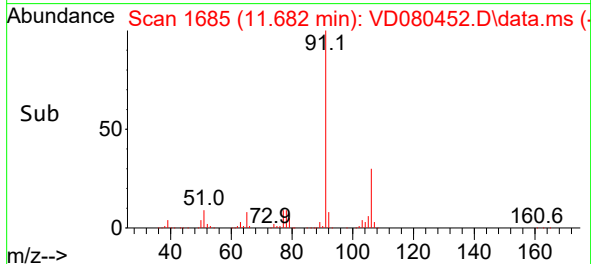
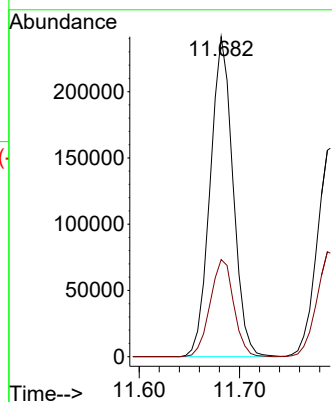
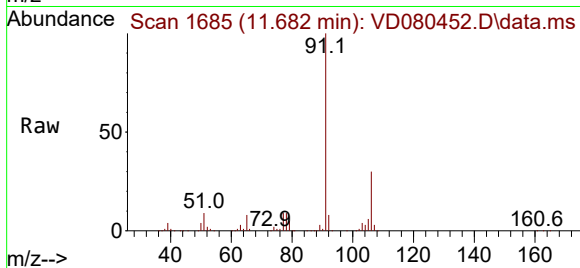
VICV887

Tgt Ion: 91 Resp: 382032

Ion Ratio Lower Upper

91 100

106 30.4 22.1 41.1



#53

m,p-Xylene

Concen: 28.26 ug/L

RT: 11.788 min Scan# 1703

Delta R.T. -0.006 min

Lab File: VD080452.D

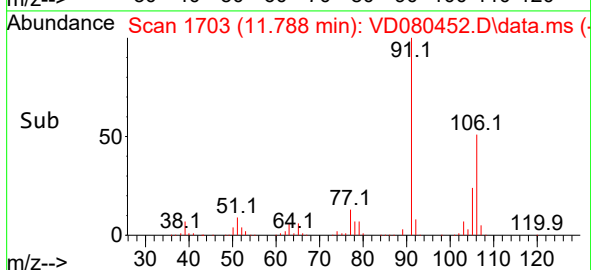
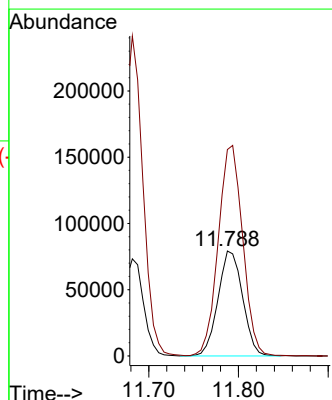
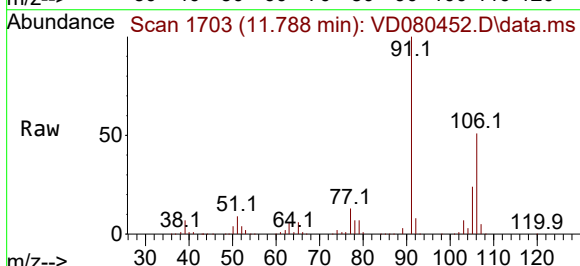
Acq: 18 Jun 2025 12:20

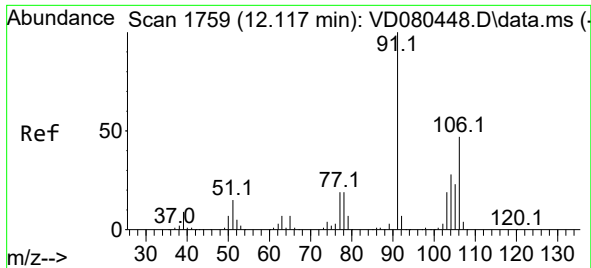
Tgt Ion: 106 Resp: 150551

Ion Ratio Lower Upper

106 100

91 196.8 134.1 249.1

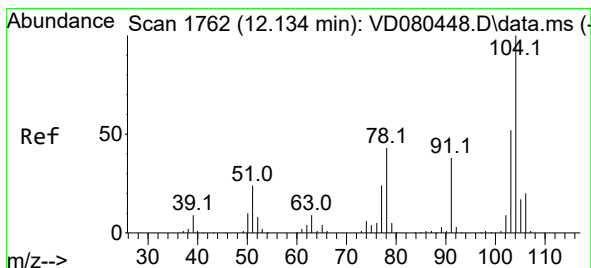
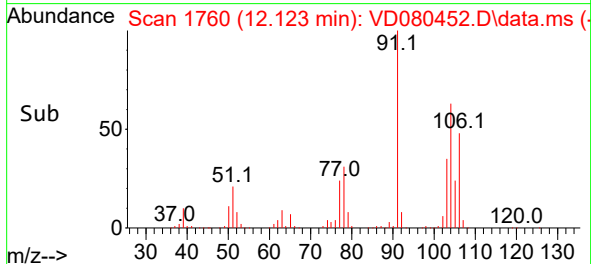
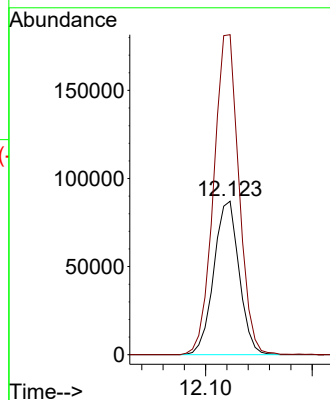
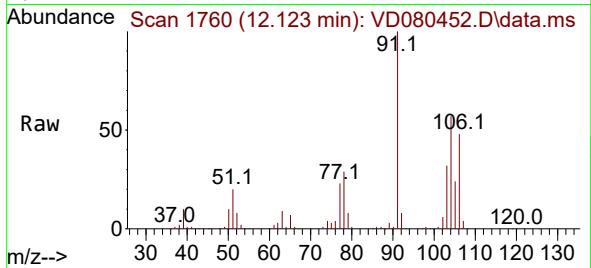




#54
o-Xylene
Concen: 28.59 ug/L
RT: 12.123 min Scan# 1760
Delta R.T. 0.006 min
Lab File: VD080452.D
Acq: 18 Jun 2025 12:20

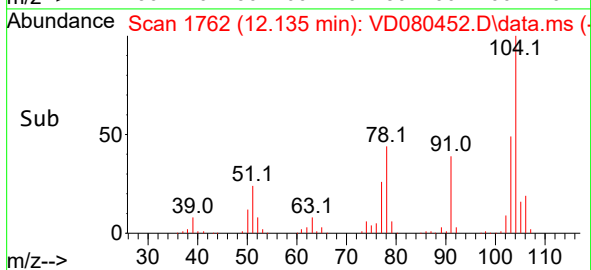
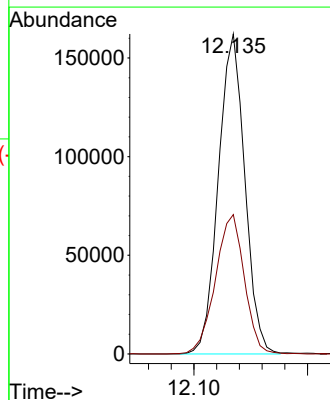
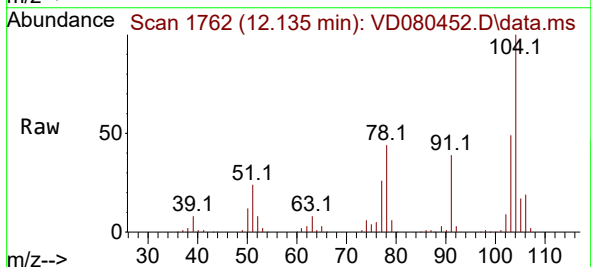
Instrument :
MSVOA_D
ClientSampleId :
VICV887

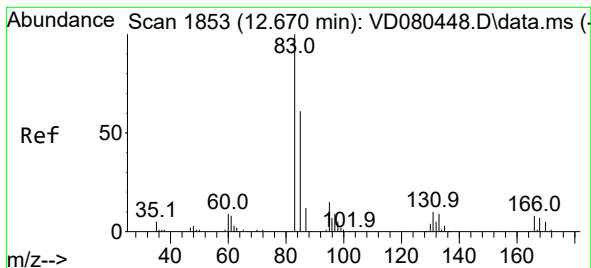
Tgt Ion:106 Resp: 143510
Ion Ratio Lower Upper
106 100
91 208.5 148.3 275.3



#55
Styrene
Concen: 29.60 ug/L
RT: 12.135 min Scan# 1762
Delta R.T. 0.000 min
Lab File: VD080452.D
Acq: 18 Jun 2025 12:20

Tgt Ion:104 Resp: 262099
Ion Ratio Lower Upper
104 100
78 43.6 30.0 55.8





#57

1,1,2,2-Tetrachloroethane

Concen: 26.23 ug/L

RT: 12.670 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VD080452.D

Acq: 18 Jun 2025 12:20

Instrument :

MSVOA_D

ClientSampleId :

VICV887

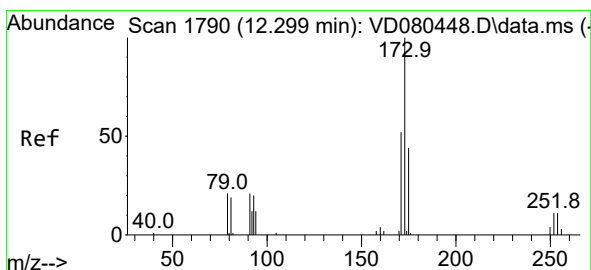
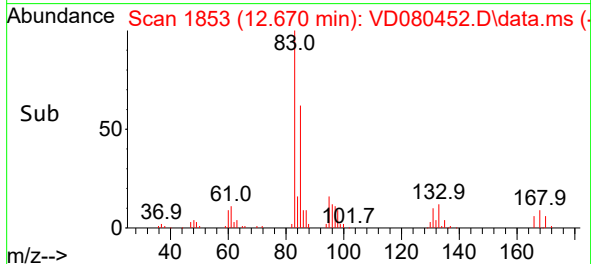
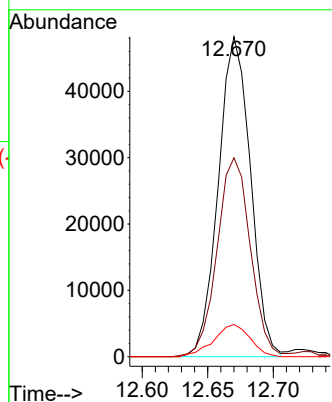
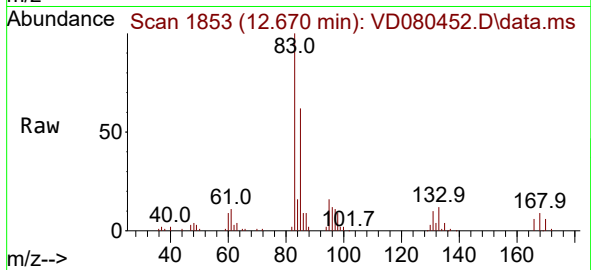
Tgt Ion: 83 Resp: 82195

Ion Ratio Lower Upper

83 100

85 62.2 42.8 79.6

131 10.0 7.8 11.8



#59

Bromoform

Concen: 25.56 ug/L

RT: 12.299 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VD080452.D

Acq: 18 Jun 2025 12:20

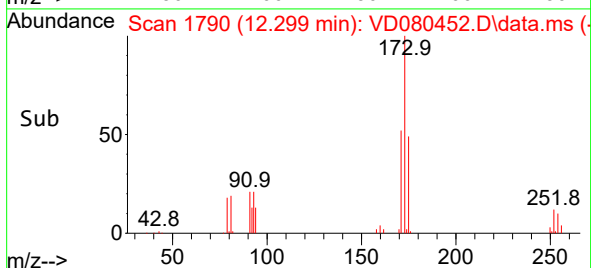
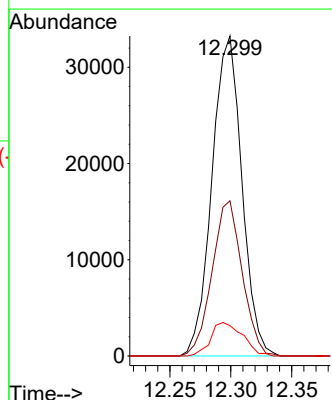
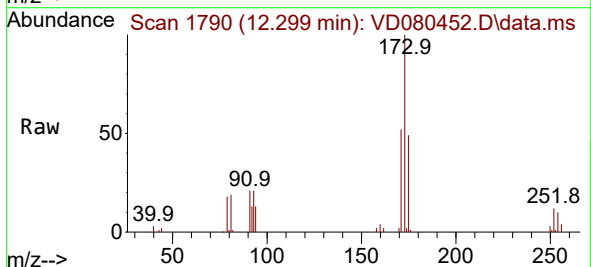
Tgt Ion: 173 Resp: 56904

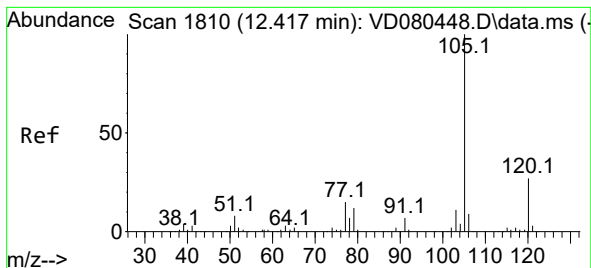
Ion Ratio Lower Upper

173 100

175 48.8 38.2 57.4

254 11.2 9.0 13.4





#60

Isopropylbenzene

Concen: 27.92 ug/L

RT: 12.417 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD080452.D

Acq: 18 Jun 2025 12:20

Instrument :

MSVOA_D

ClientSampleId :

VICV887

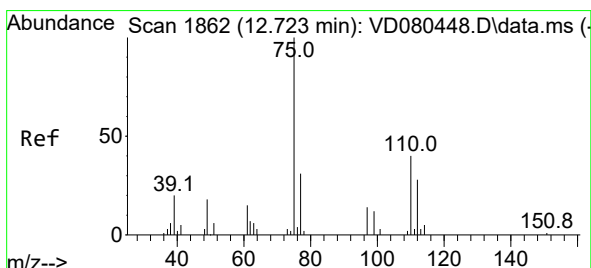
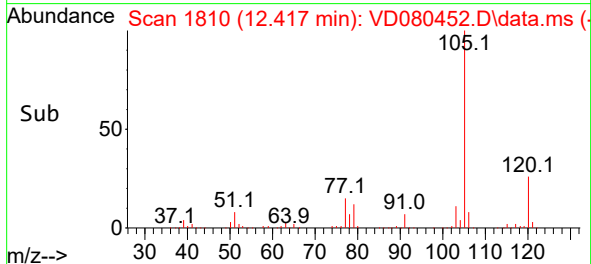
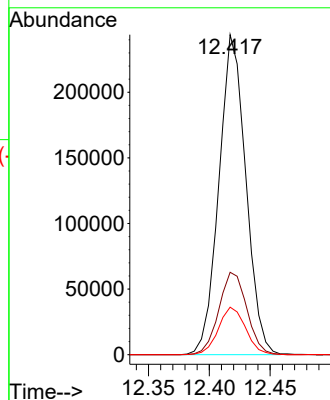
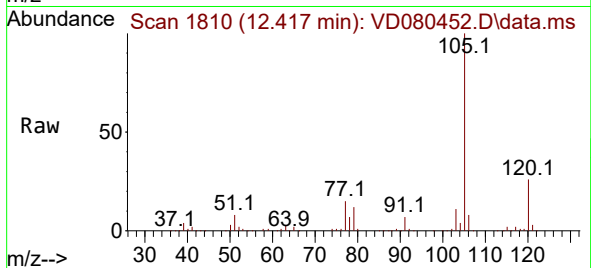
Tgt Ion:105 Resp: 374948

Ion Ratio Lower Upper

105 100

120 26.8 22.1 33.1

77 15.0 12.1 18.1



#61

1,2,3-Trichloropropane

Concen: 25.83 ug/L

RT: 12.723 min Scan# 1862

Delta R.T. -0.000 min

Lab File: VD080452.D

Acq: 18 Jun 2025 12:20

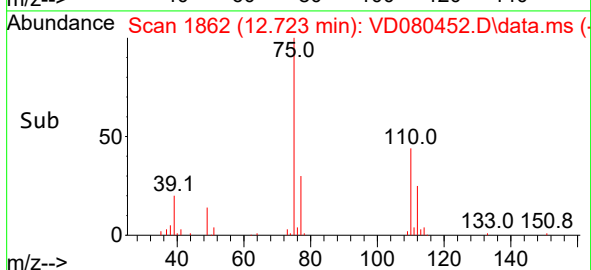
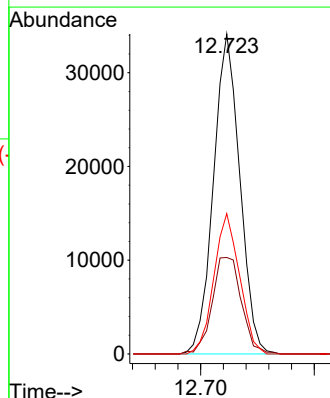
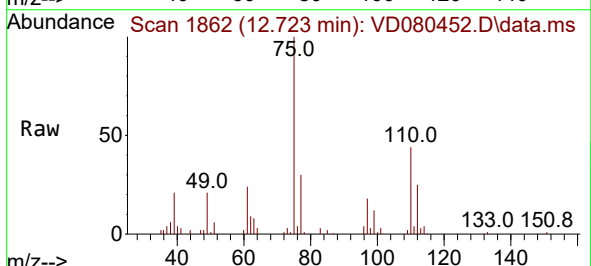
Tgt Ion: 75 Resp: 54995

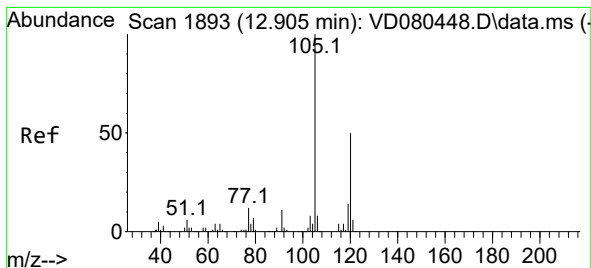
Ion Ratio Lower Upper

75 100

77 33.5 26.8 40.2

110 42.7 33.0 49.4





#62

1,3,5-Trimethylbenzene

Concen: 28.43 ug/L

RT: 12.905 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VD080452.D

Acq: 18 Jun 2025 12:20

Instrument :

MSVOA_D

ClientSampleId :

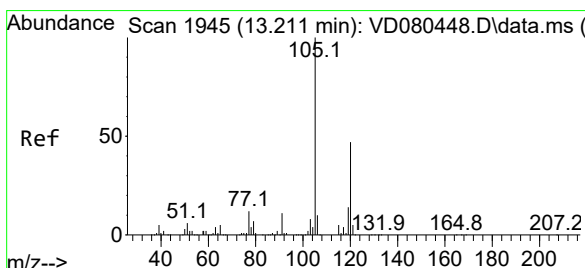
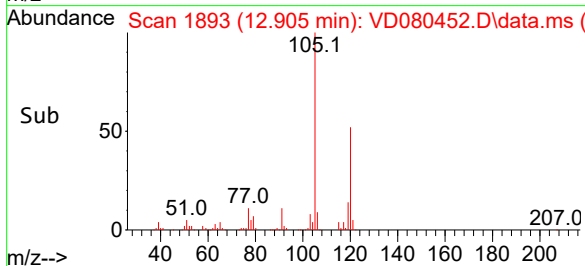
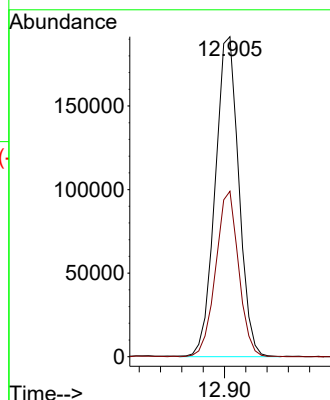
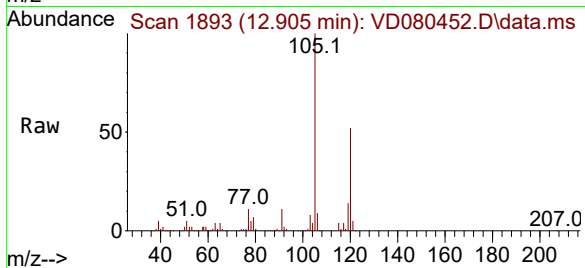
VICV887

Tgt Ion:105 Resp: 294573

Ion Ratio Lower Upper

105 100

120 50.2 40.1 60.1



#63

1,2,4-Trimethylbenzene

Concen: 28.95 ug/L

RT: 13.211 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VD080452.D

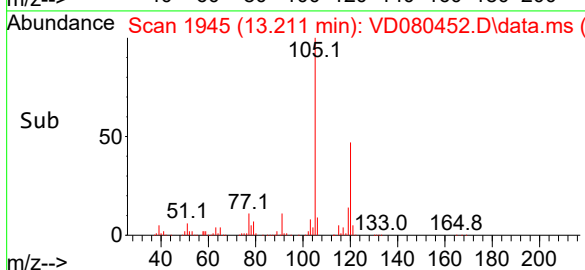
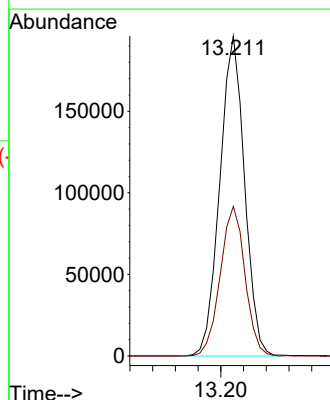
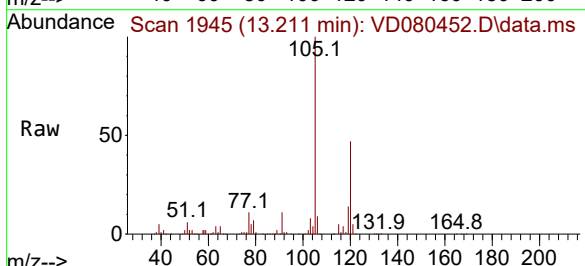
Acq: 18 Jun 2025 12:20

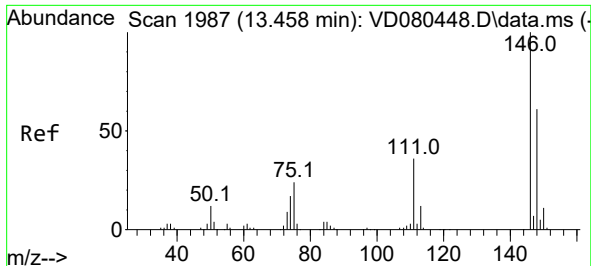
Tgt Ion:105 Resp: 296218

Ion Ratio Lower Upper

105 100

120 46.7 37.5 56.3

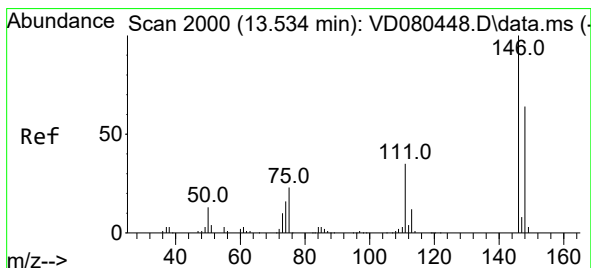
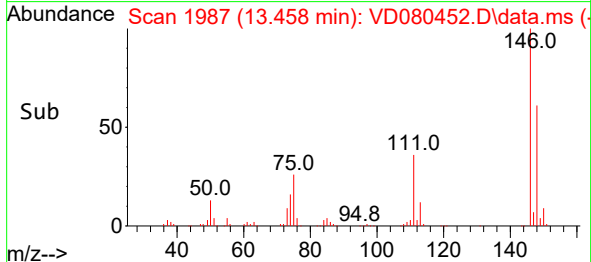
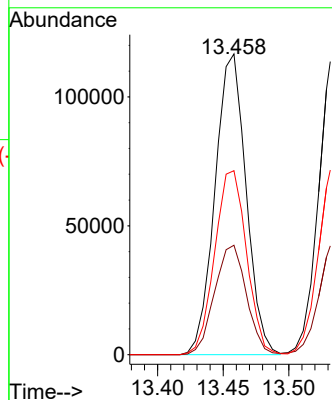
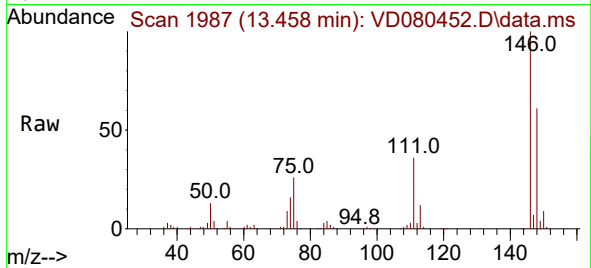




#64
1,3-Dichlorobenzene
Concen: 27.34 ug/L
RT: 13.458 min Scan# 1987
Delta R.T. 0.000 min
Lab File: VD080452.D
Acq: 18 Jun 2025 12:20

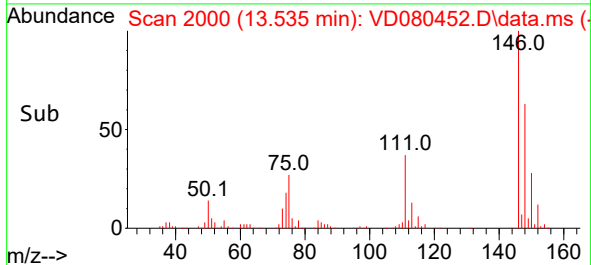
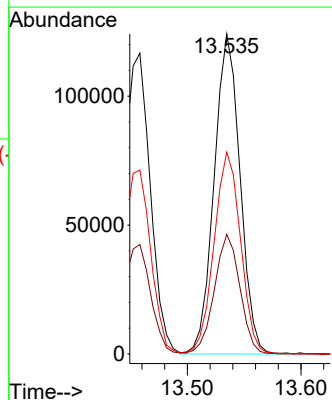
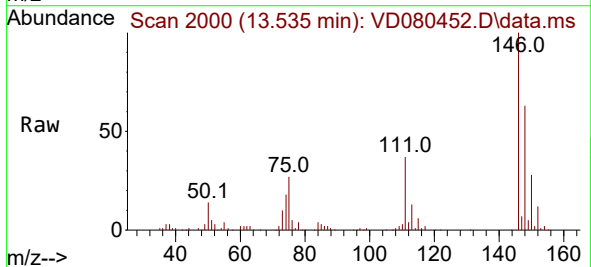
Instrument :
MSVOA_D
ClientSampleId :
VICV887

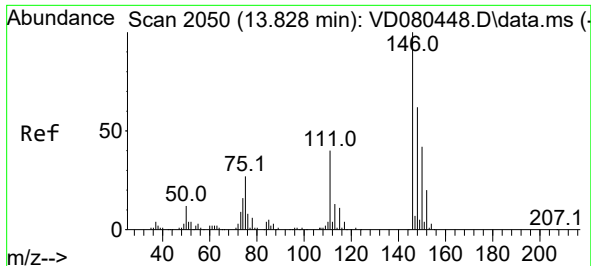
Tgt Ion:146 Resp: 192356
Ion Ratio Lower Upper
146 100
111 36.4 25.4 47.2
148 61.2 42.8 79.6



#65
1,4-Dichlorobenzene
Concen: 26.87 ug/L
RT: 13.535 min Scan# 2000
Delta R.T. 0.001 min
Lab File: VD080452.D
Acq: 18 Jun 2025 12:20

Tgt Ion:146 Resp: 196681
Ion Ratio Lower Upper
146 100
111 37.4 24.5 45.5
148 63.1 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 27.71 ug/L

RT: 13.829 min Scan# 2050

Delta R.T. 0.001 min

Lab File: VD080452.D

Acq: 18 Jun 2025 12:20

Instrument :

MSVOA_D

ClientSampleId :

VICV887

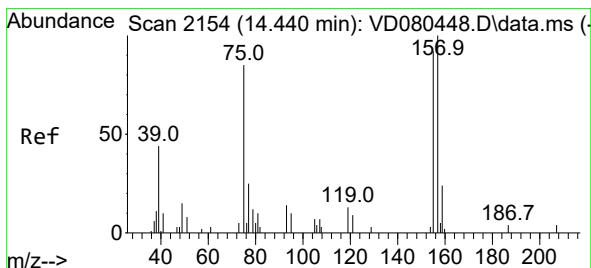
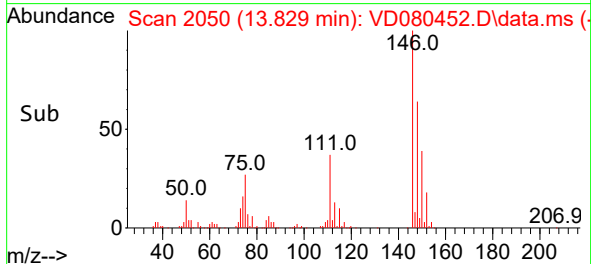
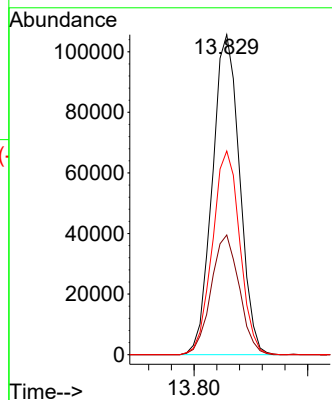
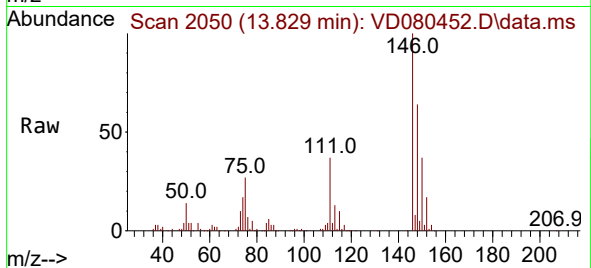
Tgt Ion:146 Resp: 176012

Ion Ratio Lower Upper

146 100

111 37.4 32.0 48.0

148 63.7 49.7 74.5



#68

1,2-Dibromo-3-chloropropane

Concen: 25.36 ug/L

RT: 14.446 min Scan# 2155

Delta R.T. 0.006 min

Lab File: VD080452.D

Acq: 18 Jun 2025 12:20

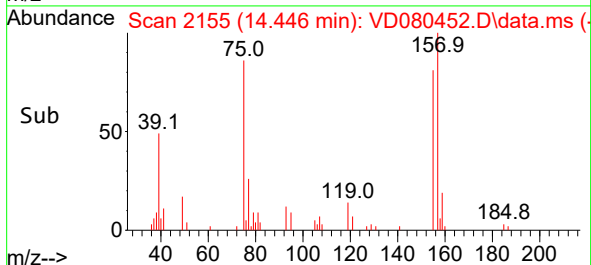
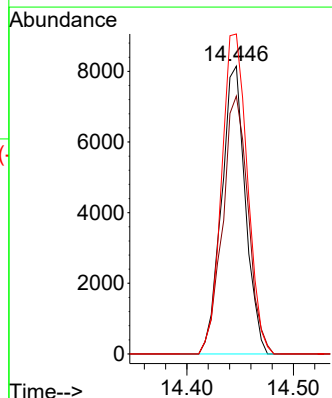
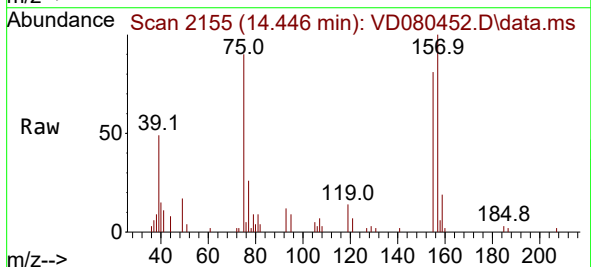
Tgt Ion: 75 Resp: 12649

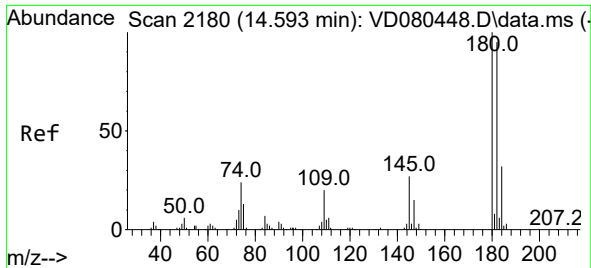
Ion Ratio Lower Upper

75 100

155 89.6 86.2 129.2

157 111.2 94.0 141.0

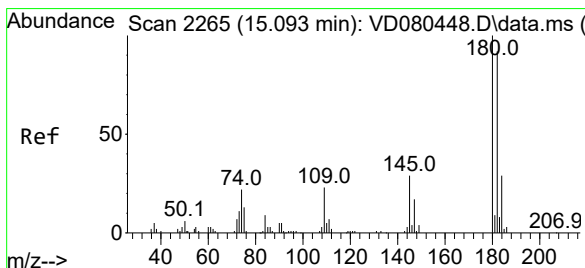
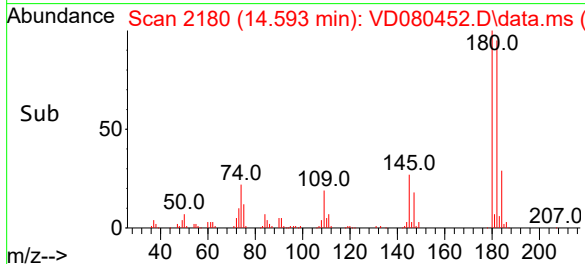
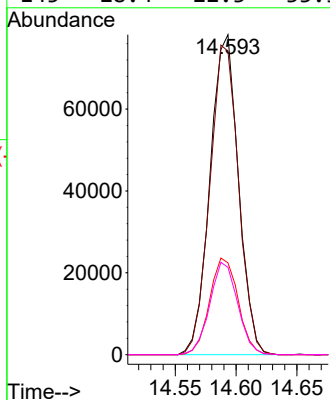
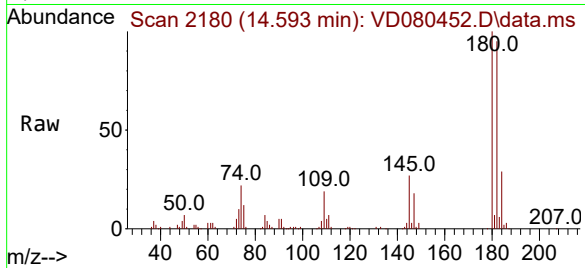




#69
 1,3,5-Trichlorobenzene
 Concen: 26.14 ug/L
 RT: 14.593 min Scan# 2180
 Delta R.T. 0.000 min
 Lab File: VD080452.D
 Acq: 18 Jun 2025 12:20

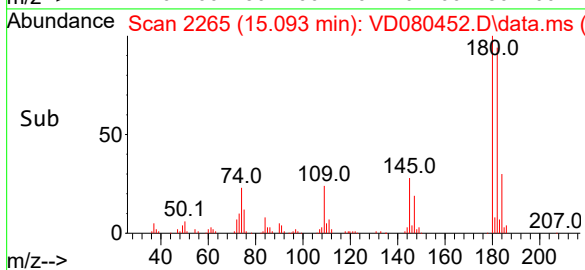
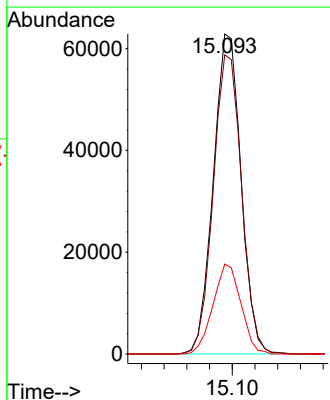
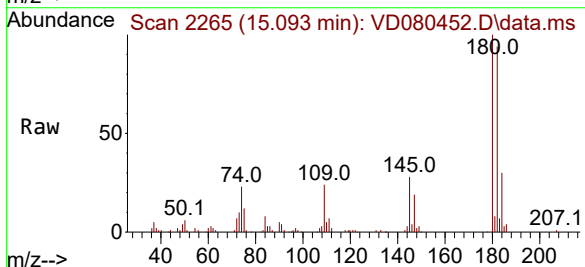
Instrument :
 MSVOA_D
 ClientSampleId :
 VICV887

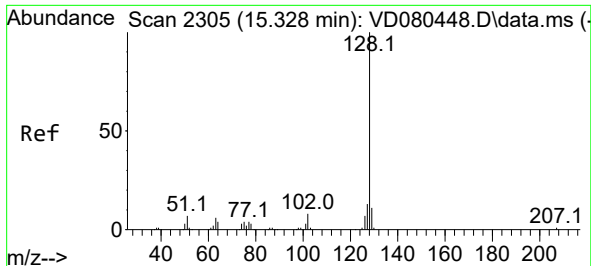
Tgt Ion:	180	Resp:	127058
Ion Ratio	Lower	Upper	
180	100		
182	97.5	77.0	115.4
184	30.3	24.9	37.3
145	28.4	22.3	33.5



#70
 1,2,4-trichlorobenzene
 Concen: 26.76 ug/L
 RT: 15.093 min Scan# 2265
 Delta R.T. 0.000 min
 Lab File: VD080452.D
 Acq: 18 Jun 2025 12:20

Tgt Ion:	180	Resp:	106460
Ion Ratio	Lower	Upper	
180	100		
182	95.6	76.0	114.0
145	28.2	22.2	33.4

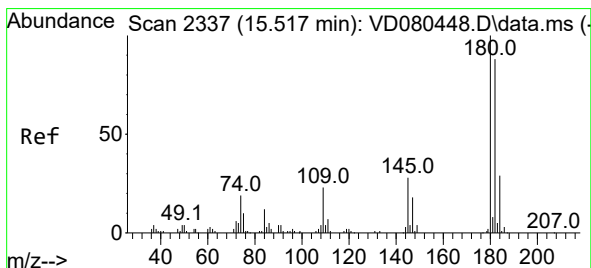
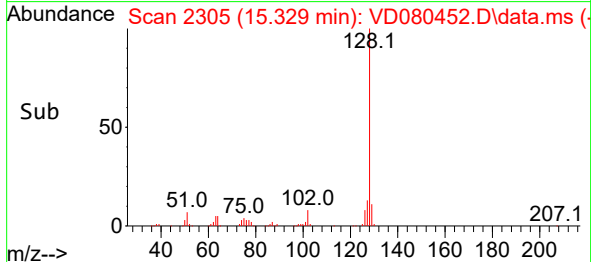
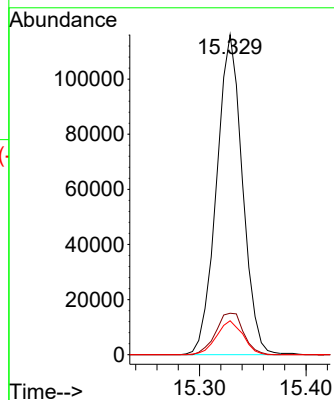
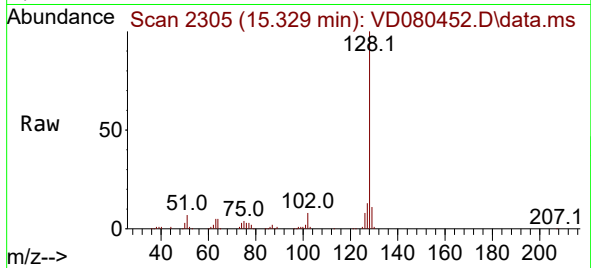




#71
Naphthalene
Concen: 27.14 ug/L
RT: 15.329 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD080452.D
Acq: 18 Jun 2025 12:20

Instrument :
MSVOA_D
ClientSampleId :
VICV887

Tgt Ion:128 Resp: 196253
Ion Ratio Lower Upper
128 100
127 14.0 11.0 16.6
129 10.7 9.0 13.4



#72
1,2,3-Trichlorobenzene
Concen: 27.54 ug/L
RT: 15.517 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD080452.D
Acq: 18 Jun 2025 12:20

Tgt Ion:180 Resp: 102710
Ion Ratio Lower Upper
180 100
182 94.6 74.7 112.1
145 31.2 24.2 36.4

