

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061825\
 Data File : VD080446.D
 Acq On : 18 Jun 2025 09:36
 Operator : RP/MD
 Sample : VSTD2.582
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD2.5882

Quant Time: Jun 19 08:49:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061825SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jun 19 08:34:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.776	114	156326	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.582	117	149761	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.517	152	78401	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	8857	3.27	ug/L	0.00
7) Chloroethane-d5	2.806	69	7208	3.14	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.929	65	2758m	2.95	ug/L	0.01
21) 2-Butanone-d5	7.000	46	2332	4.91	ug/L	0.01
24) Chloroform-d	7.570	84	13145	2.88	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.229	65	6694	2.94	ug/L	0.00
32) Benzene-d6	8.206	84	22937	2.71	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.206	67	8427	3.11	ug/L	0.00
41) Toluene-d8	10.264	98	19611	2.46	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.523	79	3161	2.77	ug/L	0.00
47) 2-Hexanone-d5	10.882	63	2366m	5.71	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.652	84	7511	3.10	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.811	152	8395	2.83	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.935	85	8602	3.46	ug/L	100
3) Chloromethane	2.147	50	8214	3.38	ug/L	95
5) Vinyl chloride	2.288	62	9126	3.16	ug/L	87
6) Bromomethane	2.694	94	6007	3.81	ug/L	81
8) Chloroethane	2.841	64	6830	3.53	ug/L	92
9) Trichlorofluoromethane	3.182	101	12125	3.14	ug/L	92
10) 1,1,2-Trichloro-1,2,2-...	3.976	101	7500m	3.10	ug/L	
12) 1,1-Dichloroethene	3.935	96	5661m	2.72	ug/L	
13) Acetone	4.023	43	2566	6.18	ug/L	64
14) Carbon disulfide	4.276	76	20629	2.95	ug/L	97
15) Methyl Acetate	4.570	43	2746m	2.74	ug/L	
16) Methylene chloride	4.800	84	8468m	2.50	ug/L	
17) trans-1,2-Dichloroethene	5.317	96	5103	2.21	ug/L	95
18) Methyl tert-butyl Ether	5.306	73	11012m	2.45	ug/L	
19) 1,1-Dichloroethane	6.112	63	11925	2.97	ug/L	92
20) cis-1,2-Dichloroethene	7.088	96	5896m	2.40	ug/L	
22) 2-Butanone	7.076	43	3358m	5.92	ug/L	
23) Bromochloromethane	7.429	128	3403	2.68	ug/L	96
25) Chloroform	7.588	83	14006	3.11	ug/L	91
27) 1,2-Dichloroethane	8.335	62	7906m	3.08	ug/L	
29) Cyclohexane	7.876	56	7353	2.30	ug/L #	88
30) 1,1,1-Trichloroethane	7.794	97	10322	2.81	ug/L #	82
31) Carbon tetrachloride	7.994	117	10482	3.06	ug/L	98
33) Benzene	8.253	78	21377	2.39	ug/L	100
34) Trichloroethene	9.035	95	7002	2.80	ug/L	95
35) Methylcyclohexane	9.276	83	9035	2.45	ug/L #	88
37) 1,2-Dichloropropane	9.306	63	6269	2.55	ug/L #	96
38) Bromodichloromethane	9.582	83	8989	2.82	ug/L #	90
39) cis-1,3-Dichloropropene	10.017	75	9576	2.62	ug/L	100
40) 4-Methyl-2-pentanone	10.158	43	6092	4.92	ug/L #	95
42) Toluene	10.329	91	22700	2.32	ug/L	92
44) trans-1,3-Dichloropropene	10.552	75	7346	2.33	ug/L	85

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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)

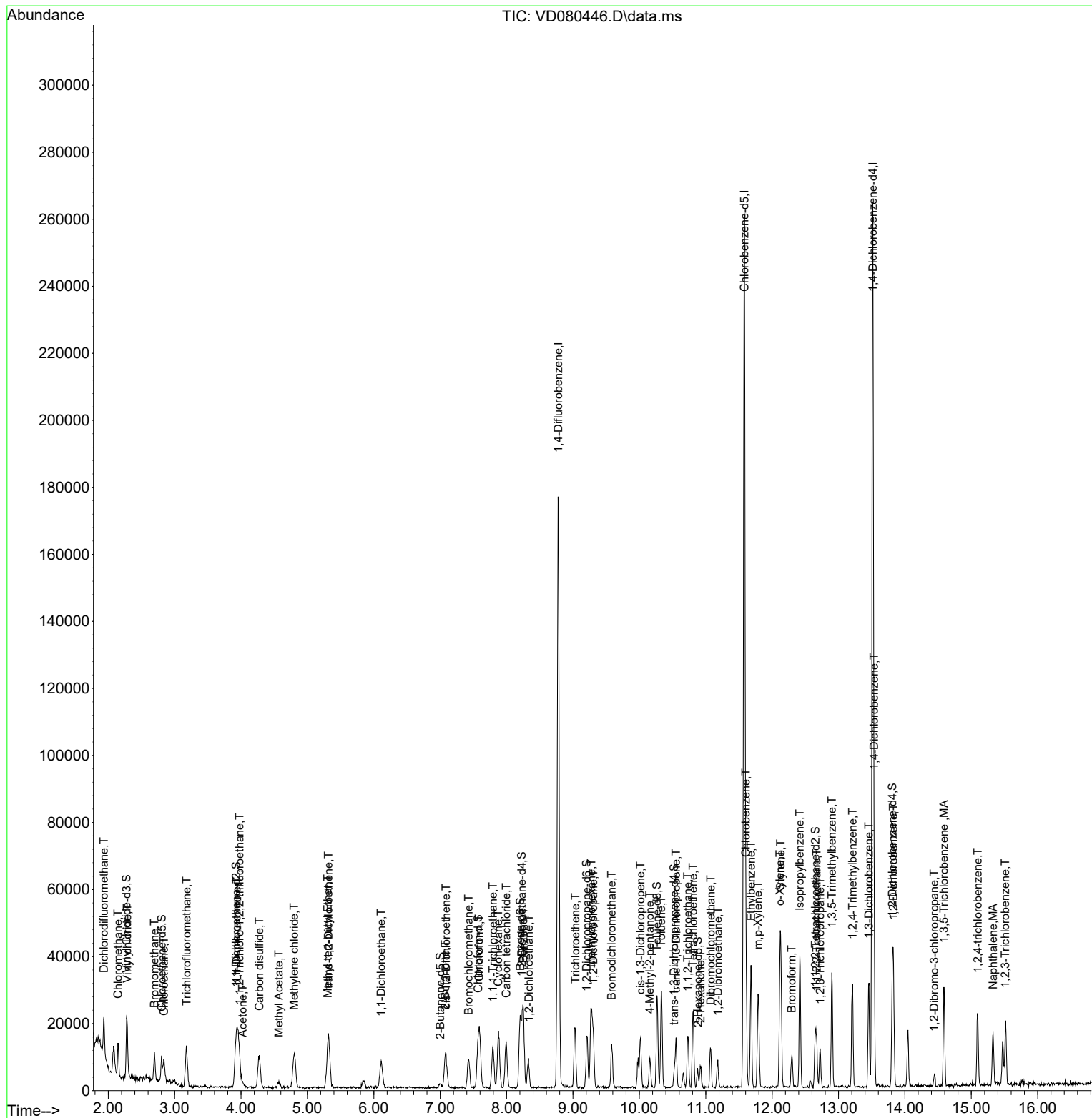
45) 1,1,2-Trichloroethane	10.729	97	5171	2.58	ug/L	92
46) Tetrachloroethene	10.811	164	6181	2.82	ug/L	92
48) 2-Hexanone	10.923	43	4661	5.14	ug/L #	93
49) Dibromochloromethane	11.076	129	6305	2.64	ug/L	93
50) 1,2-Dibromoethane	11.182	107	5287	2.79	ug/L #	94
51) Chlorobenzene	11.605	112	18061	2.70	ug/L	96
52) Ethylbenzene	11.682	91	24942	2.37	ug/L	95
53) m,p-Xylene	11.788	106	9947	2.45	ug/L	90
54) o-Xylene	12.117	106	9568	2.46	ug/L	88
55) Styrene	12.129	104	15014	2.17	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.670	83	7019	3.01	ug/L #	94
59) Bromoform	12.294	173	5044	3.17	ug/L #	98
60) Isopropylbenzene	12.417	105	23689	2.36	ug/L	99
61) 1,2,3-Trichloropropane	12.723	75	4575	2.93	ug/L #	84
62) 1,3,5-Trimethylbenzene	12.899	105	18127	2.32	ug/L	96
63) 1,2,4-Trimethylbenzene	13.211	105	17392	2.25	ug/L	100
64) 1,3-Dichlorobenzene	13.458	146	13642	2.60	ug/L	97
65) 1,4-Dichlorobenzene	13.535	146	14864	2.73	ug/L	91
67) 1,2-Dichlorobenzene	13.829	146	11822	2.43	ug/L #	88
68) 1,2-Dibromo-3-chloropr...	14.441	75	1138	3.21	ug/L #	64
69) 1,3,5-Trichlorobenzene	14.588	180	10378	2.88	ug/L	94
70) 1,2,4-trichlorobenzene	15.099	180	8137	2.69	ug/L	98
71) Naphthalene	15.329	128	13894	2.58	ug/L	99
72) 1,2,3-Trichlorobenzene	15.511	180	7311	2.61	ug/L #	92

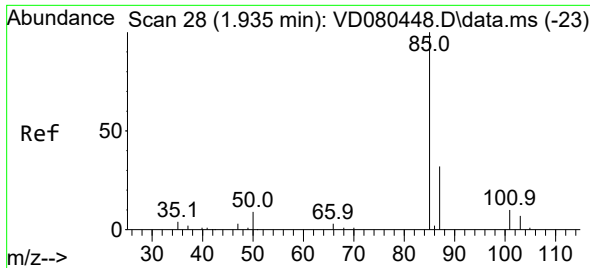
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Quant Title : SFAM01.0
QLast Update : Thu Jun 19 08:34:52 2025
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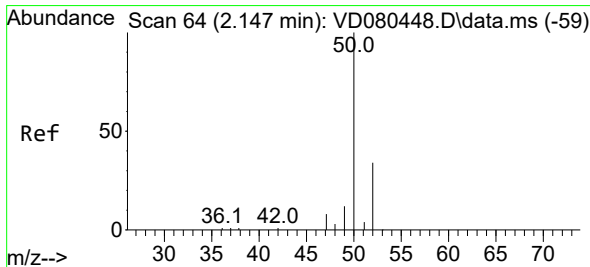
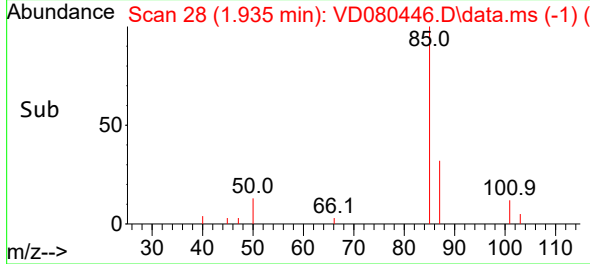
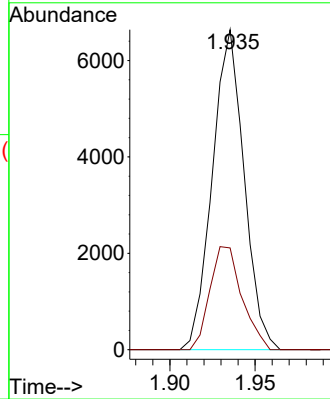
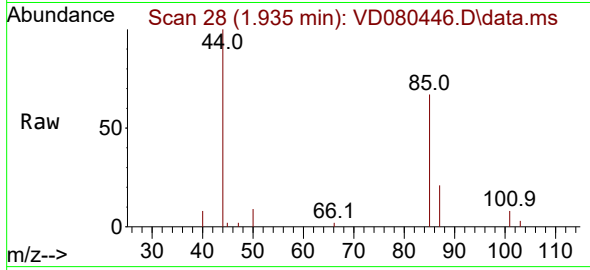




#2
 Dichlorodifluoromethane
 Concen: 3.46 ug/L
 RT: 1.935 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VD080446.D
 Acq: 18 Jun 2025 09:36

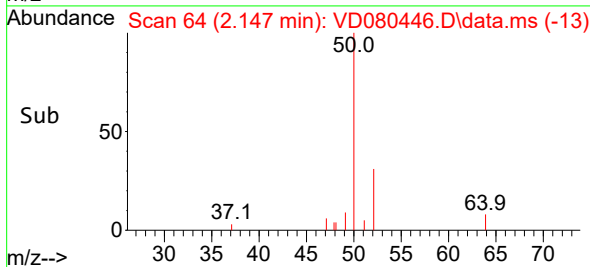
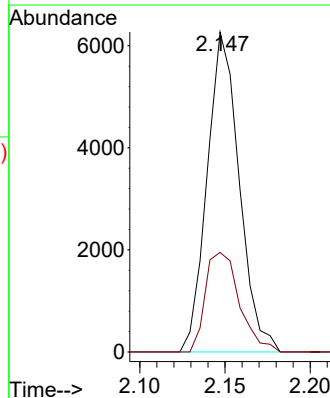
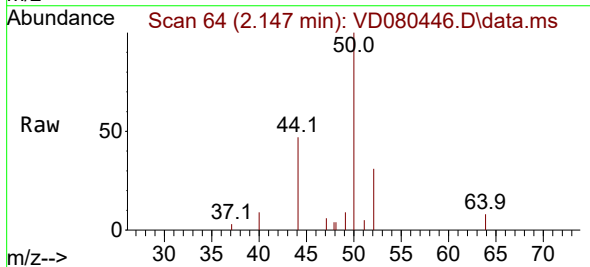
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD2.5882

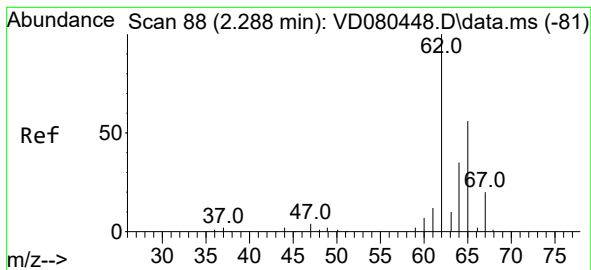
Tgt Ion: 85 Resp: 8602
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.9 38.9



#3
 Chloromethane
 Concen: 3.38 ug/L
 RT: 2.147 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: VD080446.D
 Acq: 18 Jun 2025 09:36

Tgt Ion: 50 Resp: 8214
 Ion Ratio Lower Upper
 50 100
 52 31.1 23.8 44.2





#5

Vinyl chloride

Concen: 3.16 ug/L

RT: 2.288 min Scan# 81

Delta R.T. 0.000 min

Lab File: VD080446.D

Acq: 18 Jun 2025 09:36

Instrument :

MSVOA_D

ClientSampleId :

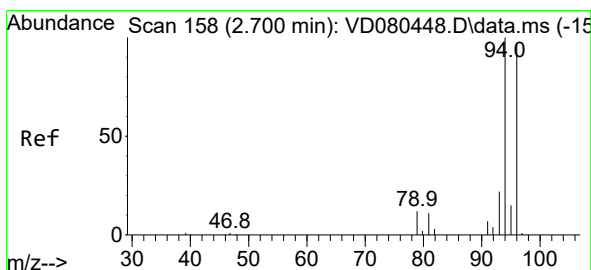
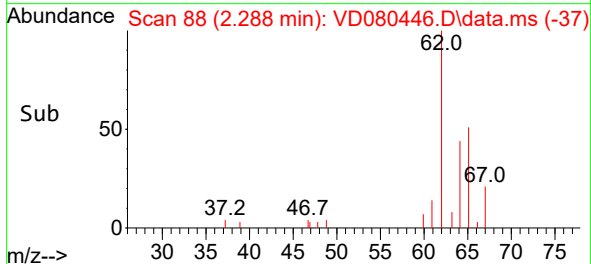
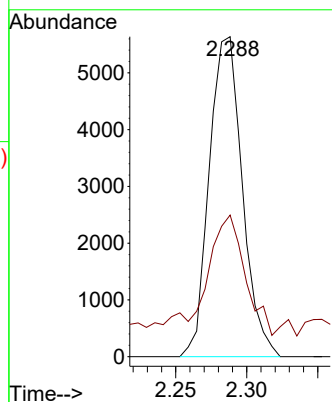
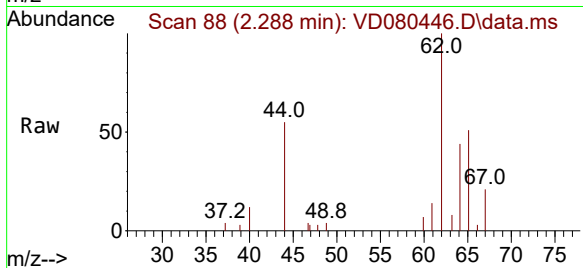
VSTD2.5882

Tgt Ion: 62 Resp: 9126

Ion Ratio Lower Upper

62 100

64 44.3 25.6 47.6



#6

Bromomethane

Concen: 3.81 ug/L

RT: 2.694 min Scan# 157

Delta R.T. -0.006 min

Lab File: VD080446.D

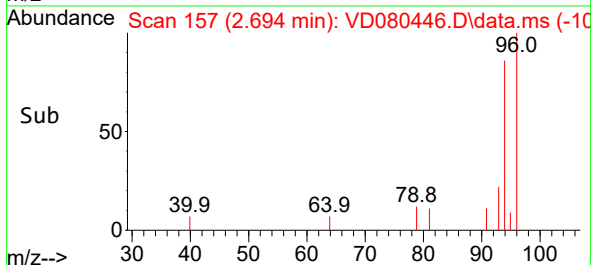
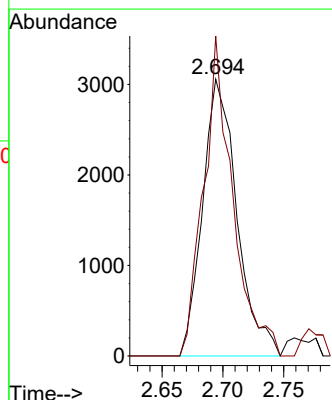
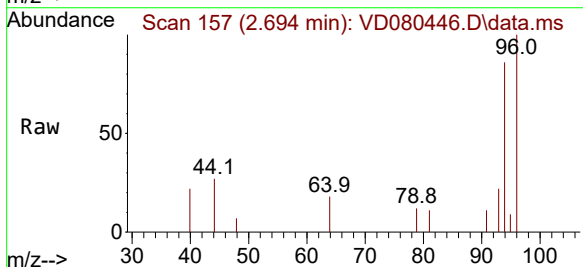
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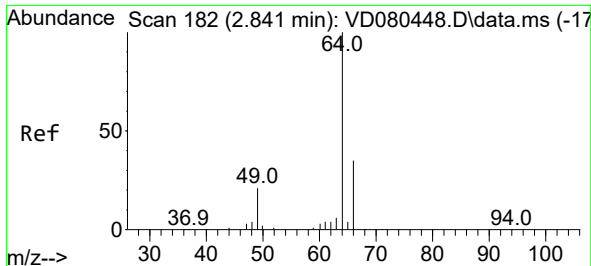
Tgt Ion: 94 Resp: 6007

Ion Ratio Lower Upper

94 100

96 115.6 67.6 125.6

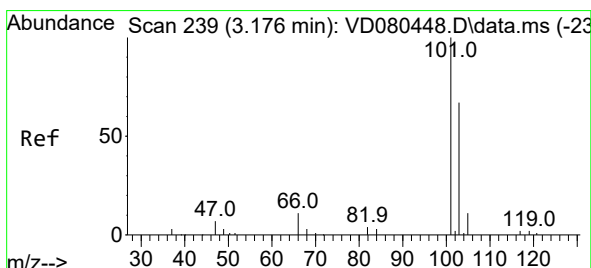
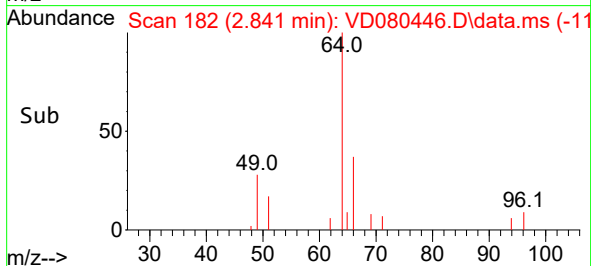
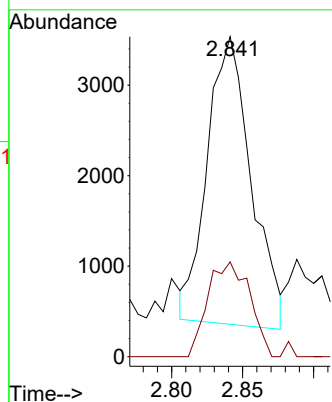
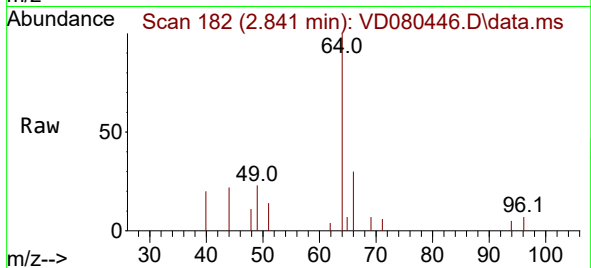




#8
Chloroethane
Concen: 3.53 ug/L
RT: 2.841 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD080446.D
Acq: 18 Jun 2025 09:36

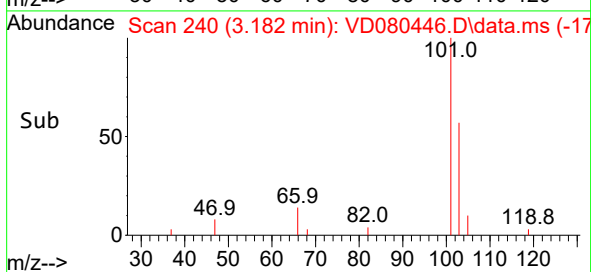
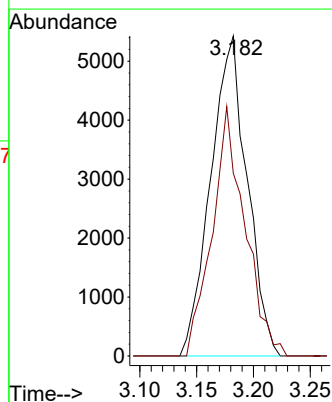
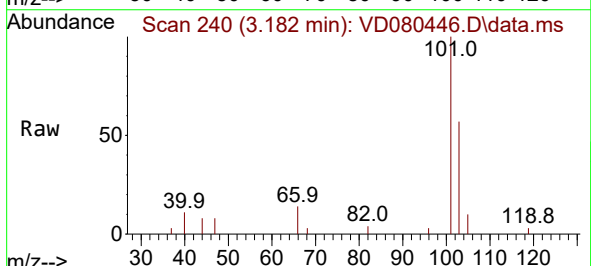
Instrument :
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ClientSampleId :
VSTD2.5882

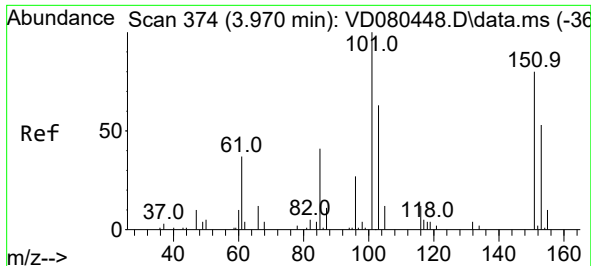
Tgt Ion: 64 Resp: 6830
Ion Ratio Lower Upper
64 100
66 29.6 23.9 44.3



#9
Trichlorofluoromethane
Concen: 3.14 ug/L
RT: 3.182 min Scan# 240
Delta R.T. 0.006 min
Lab File: VD080446.D
Acq: 18 Jun 2025 09:36

Tgt Ion:101 Resp: 12125
Ion Ratio Lower Upper
101 100
103 69.8 51.0 76.4

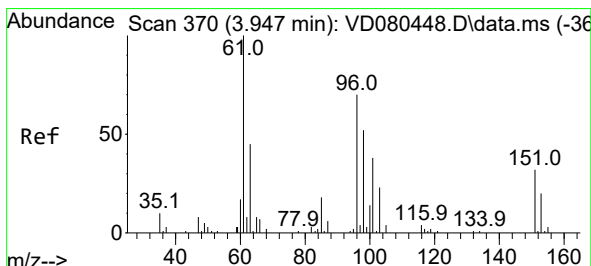
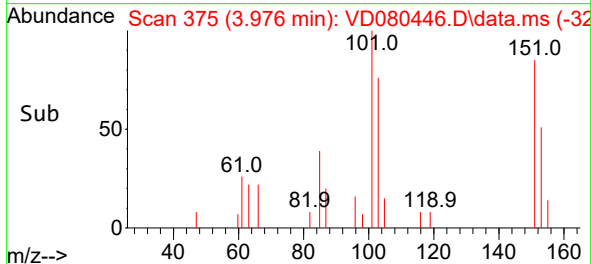
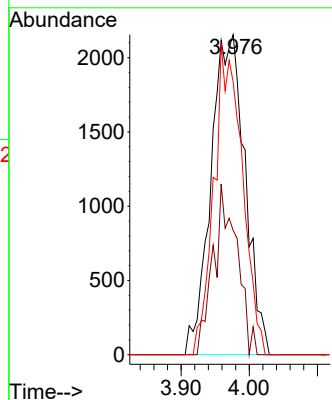
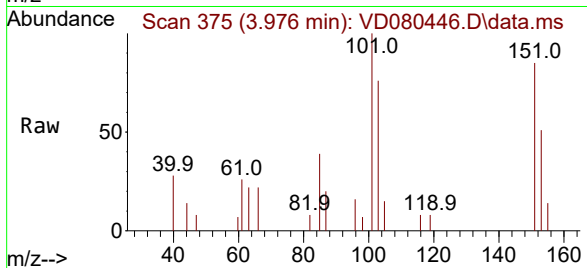




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 3.10 ug/L m
 RT: 3.976 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: VD080446.D
 Acq: 18 Jun 2025 09:36

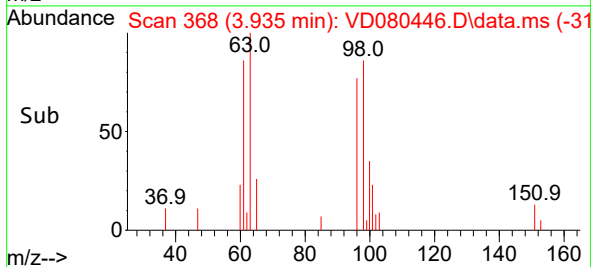
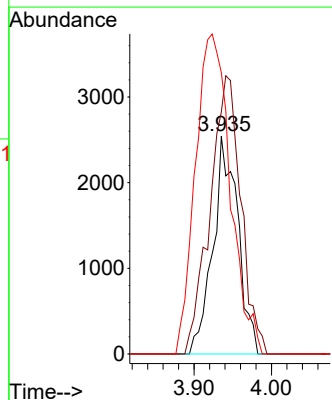
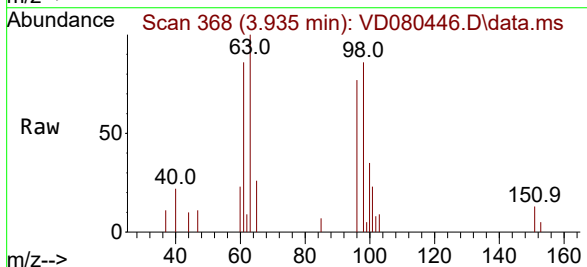
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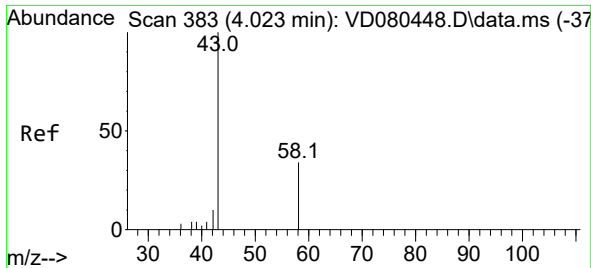
Tgt Ion:101 Resp: 7500
 Ion Ratio Lower Upper
 101 100
 85 4.5 32.0 48.0#
 151 36.5 63.7 95.5#



#12
 1,1-Dichloroethene
 Concen: 2.72 ug/L m
 RT: 3.935 min Scan# 368
 Delta R.T. -0.011 min
 Lab File: VD080446.D
 Acq: 18 Jun 2025 09:36

Tgt Ion: 96 Resp: 5661
 Ion Ratio Lower Upper
 96 100
 61 111.0 103.0 191.4
 63 129.3 66.4 123.2#





#13

Acetone

Concen: 6.18 ug/L

RT: 4.023 min Scan# 383

Delta R.T. 0.000 min

Lab File: VD080446.D

Acq: 18 Jun 2025 09:36

Instrument :

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ClientSampleId :

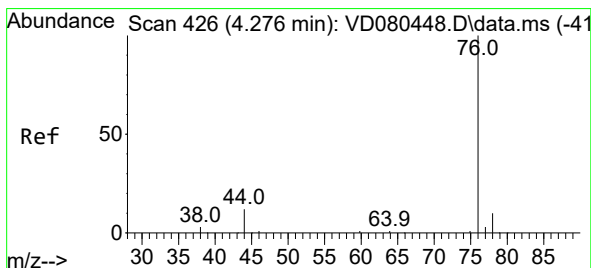
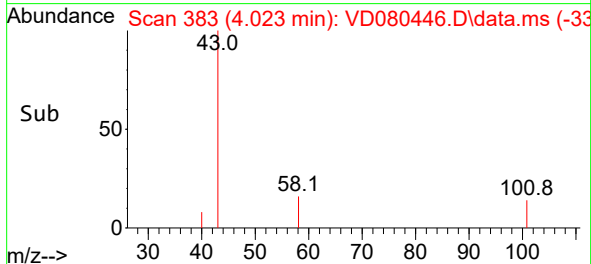
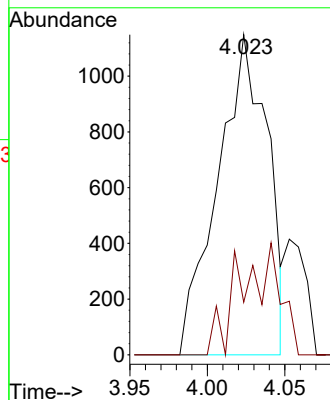
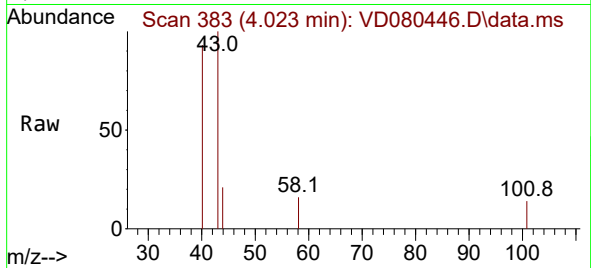
VSTD2.5882

Tgt Ion: 43 Resp: 2566

Ion Ratio Lower Upper

43 100

58 14.6 0.0 71.0



#14

Carbon disulfide

Concen: 2.95 ug/L

RT: 4.276 min Scan# 426

Delta R.T. 0.000 min

Lab File: VD080446.D

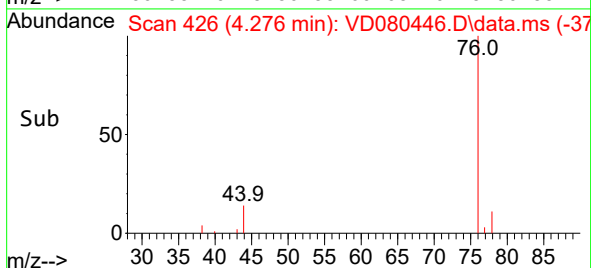
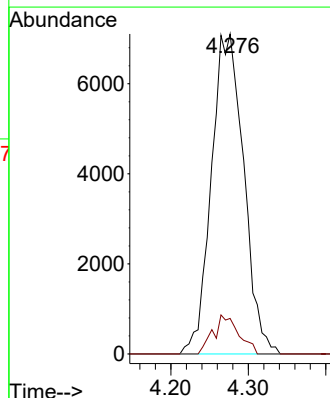
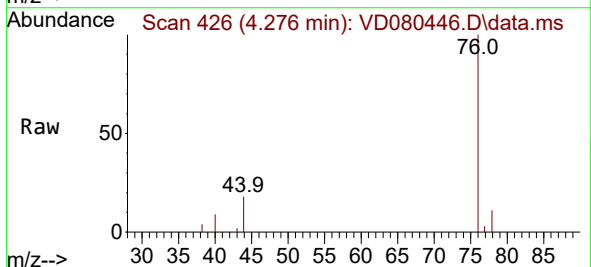
Acq: 18 Jun 2025 09:36

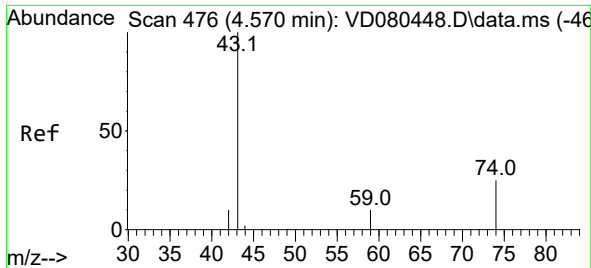
Tgt Ion: 76 Resp: 20629

Ion Ratio Lower Upper

76 100

78 11.1 7.9 11.9

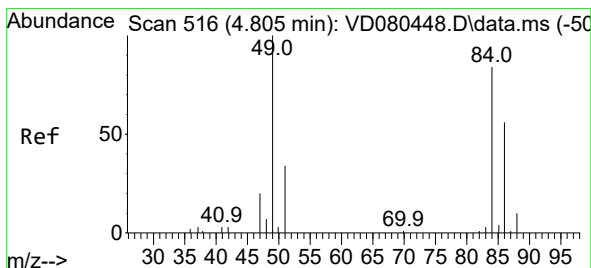
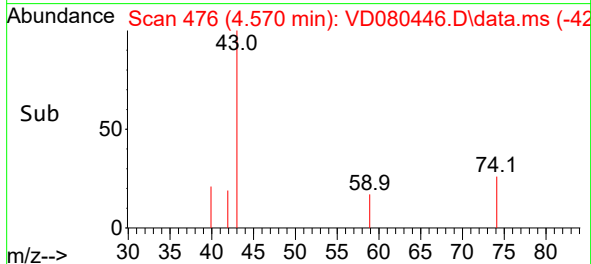
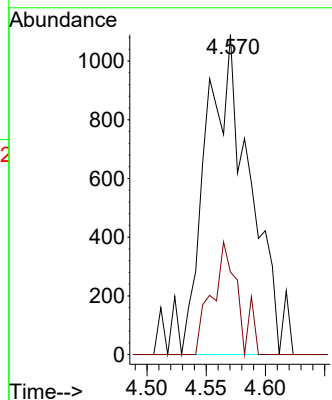
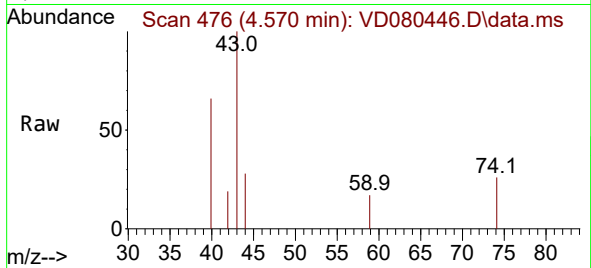




#15
Methyl Acetate
Concen: 2.74 ug/L m
RT: 4.570 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD080446.D
Acq: 18 Jun 2025 09:36

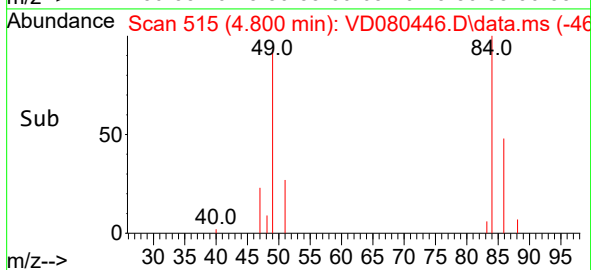
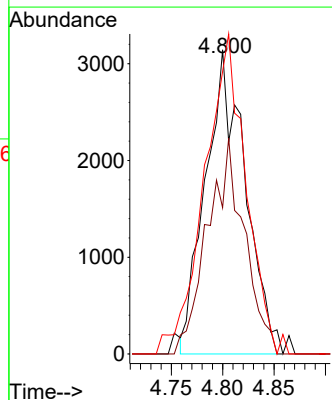
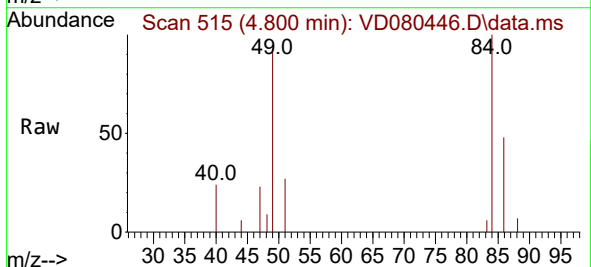
Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5882

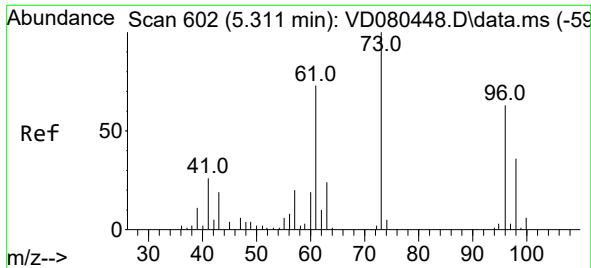
Tgt Ion: 43 Resp: 2746
Ion Ratio Lower Upper
43 100
74 11.8 20.3 30.5#



#16
Methylene chloride
Concen: 2.50 ug/L m
RT: 4.800 min Scan# 515
Delta R.T. -0.006 min
Lab File: VD080446.D
Acq: 18 Jun 2025 09:36

Tgt Ion: 84 Resp: 8468
Ion Ratio Lower Upper
84 100
86 48.1 46.7 86.7
49 92.9 83.0 154.1

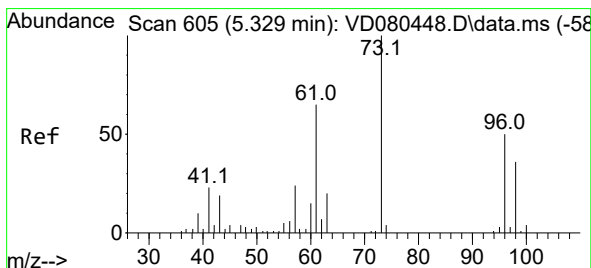
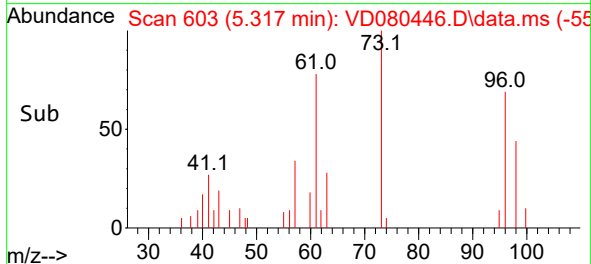
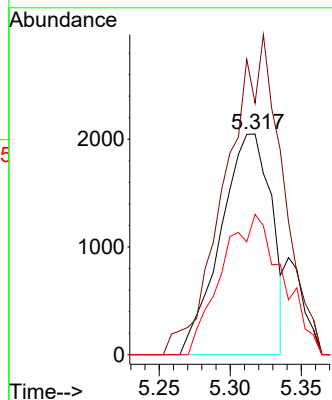
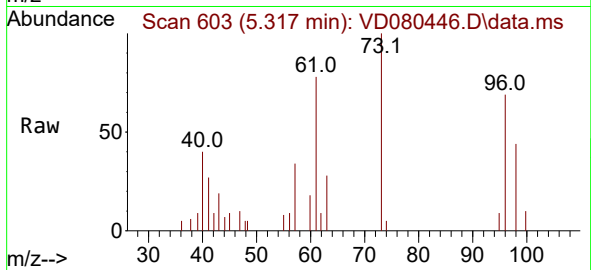




#17
trans-1,2-Dichloroethene
Concen: 2.21 ug/L
RT: 5.317 min Scan# 602
Delta R.T. 0.006 min
Lab File: VD080446.D
Acq: 18 Jun 2025 09:36

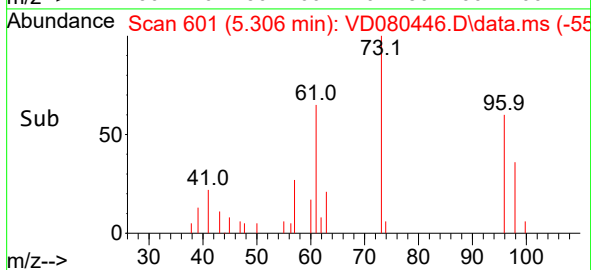
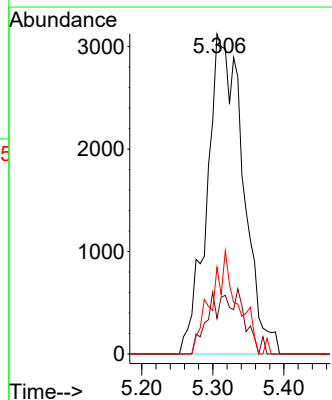
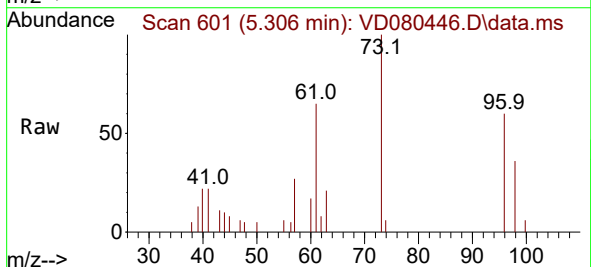
Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5882

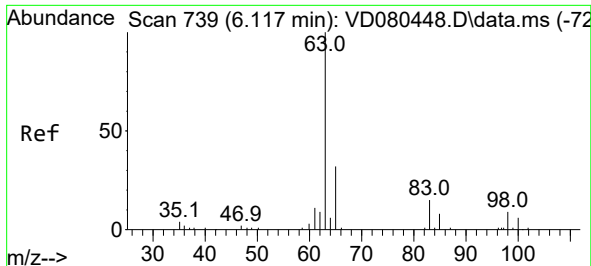
Tgt Ion: 96 Resp: 5103
Ion Ratio Lower Upper
96 100
61 114.0 82.0 152.2
98 63.6 40.3 74.8



#18
Methyl tert-butyl Ether
Concen: 2.45 ug/L m
RT: 5.306 min Scan# 601
Delta R.T. -0.023 min
Lab File: VD080446.D
Acq: 18 Jun 2025 09:36

Tgt Ion: 73 Resp: 11012
Ion Ratio Lower Upper
73 100
43 6.2 15.8 23.8#
57 0.0 17.6 26.4#





#19

1,1-Dichloroethane

Concen: 2.97 ug/L

RT: 6.112 min Scan# 71

Delta R.T. -0.006 min

Lab File: VD080446.D

Acq: 18 Jun 2025 09:36

Instrument :

MSVOA_D

ClientSampleId :

VSTD2.5882

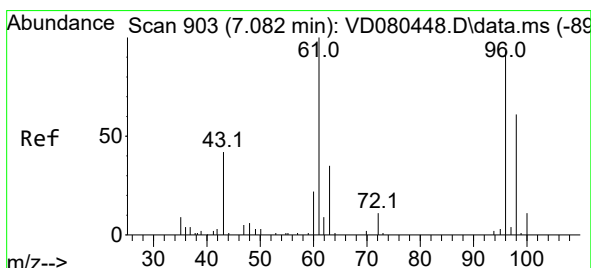
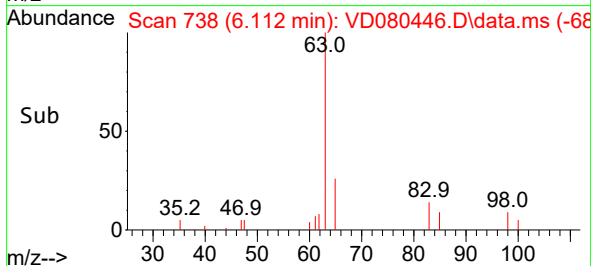
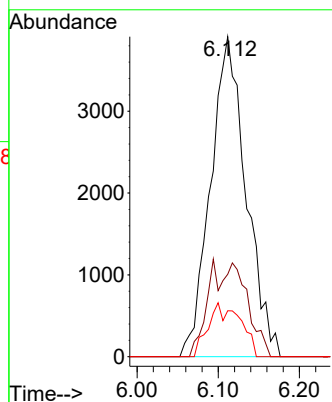
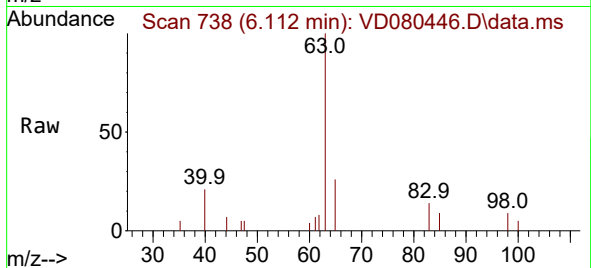
Tgt Ion: 63 Resp: 11925

Ion Ratio Lower Upper

63 100

65 25.7 22.0 41.0

83 14.3 10.8 20.0



#20

cis-1,2-Dichloroethene

Concen: 2.40 ug/L m

RT: 7.088 min Scan# 904

Delta R.T. 0.006 min

Lab File: VD080446.D

Acq: 18 Jun 2025 09:36

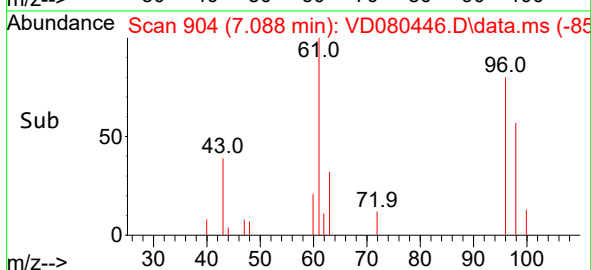
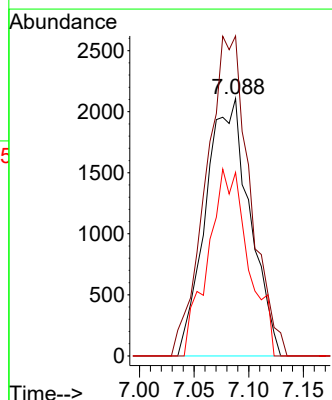
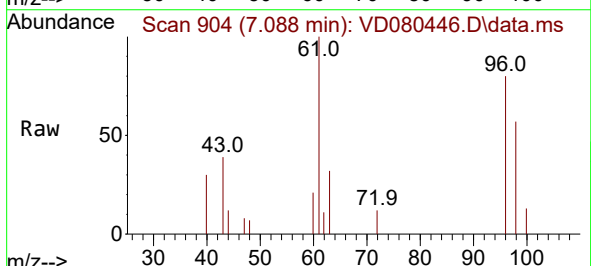
Tgt Ion: 96 Resp: 5896

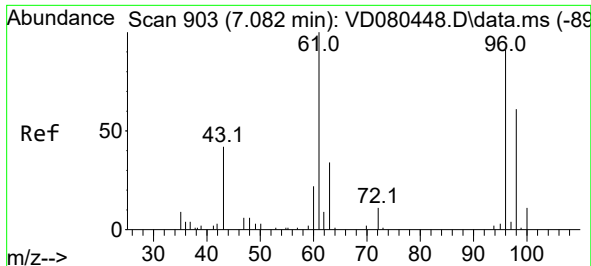
Ion Ratio Lower Upper

96 100

61 124.3 75.8 140.8

98 71.3 45.9 85.3

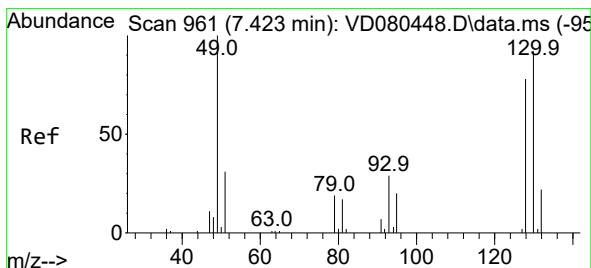
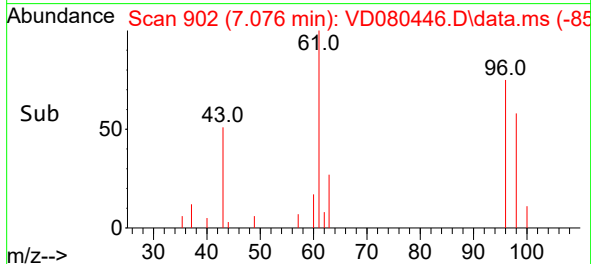
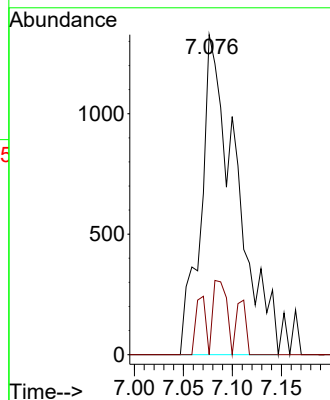
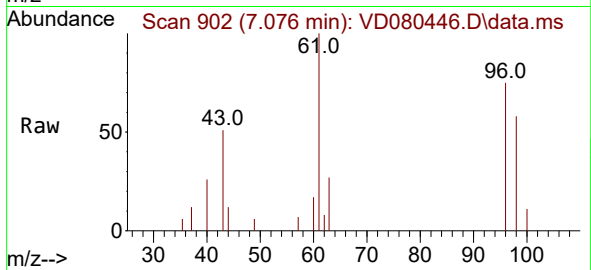




#22
2-Butanone
Concen: 5.92 ug/L m
RT: 7.076 min Scan# 90
Delta R.T. -0.006 min
Lab File: VD080446.D
Acq: 18 Jun 2025 09:36

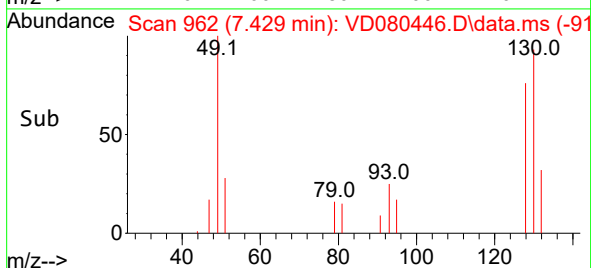
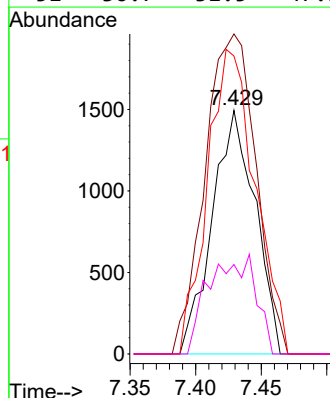
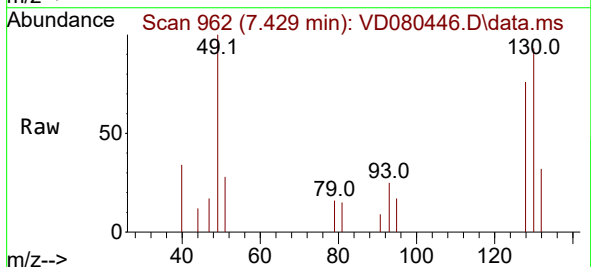
Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5882

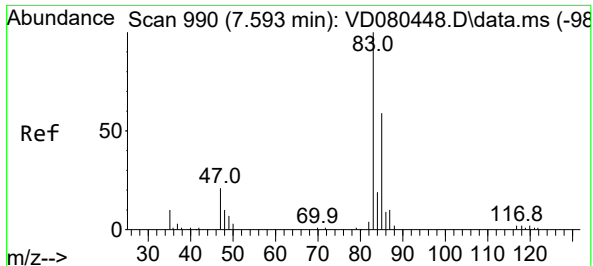
Tgt Ion: 43 Resp: 3358
Ion Ratio Lower Upper
43 100
72 8.9 14.9 44.5#



#23
Bromochloromethane
Concen: 2.68 ug/L
RT: 7.429 min Scan# 962
Delta R.T. 0.006 min
Lab File: VD080446.D
Acq: 18 Jun 2025 09:36

Tgt Ion:128 Resp: 3403
Ion Ratio Lower Upper
128 100
49 131.4 89.5 166.3
130 122.4 82.5 153.1
51 36.7 31.5 47.3





#25

Chloroform

Concen: 3.11 ug/L

RT: 7.588 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD080446.D

Acq: 18 Jun 2025 09:36

Instrument :

MSVOA_D

ClientSampleId :

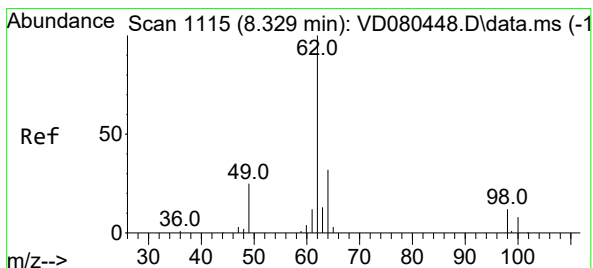
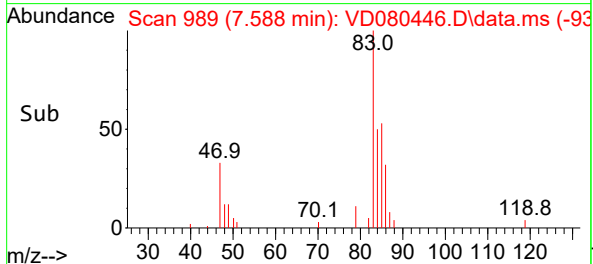
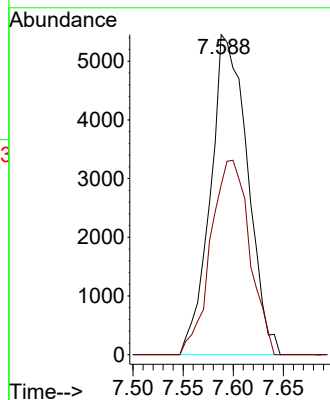
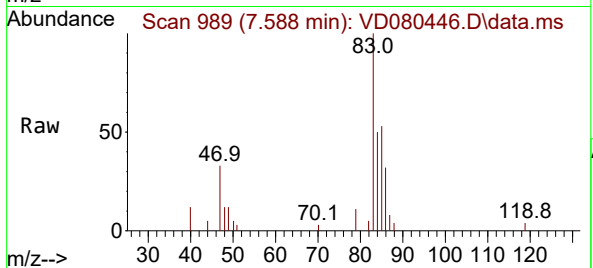
VSTD2.5882

Tgt Ion: 83 Resp: 14006

Ion Ratio Lower Upper

83 100

85 53.1 42.0 78.0



#27

1,2-Dichloroethane

Concen: 3.08 ug/L m

RT: 8.335 min Scan# 1116

Delta R.T. 0.006 min

Lab File: VD080446.D

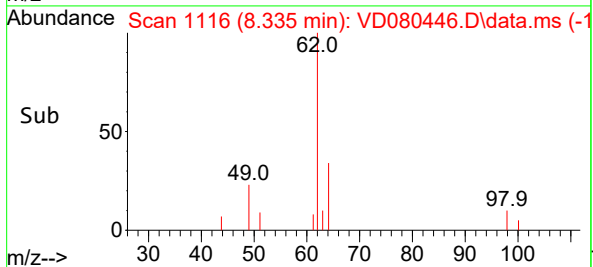
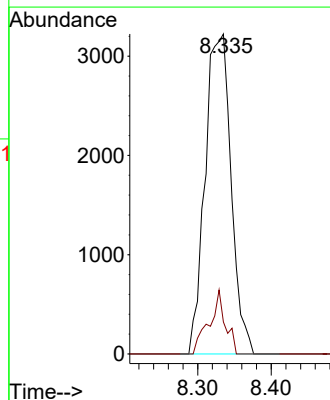
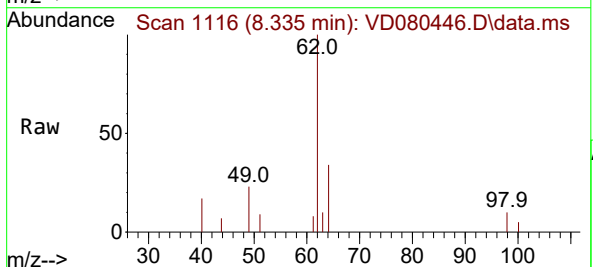
Acq: 18 Jun 2025 09:36

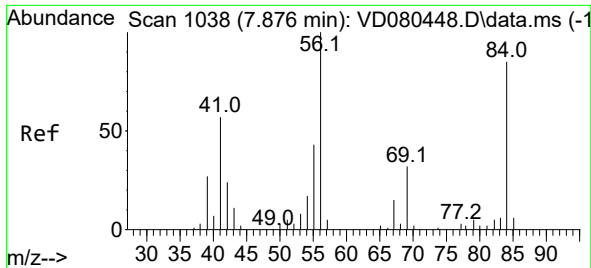
Tgt Ion: 62 Resp: 7906

Ion Ratio Lower Upper

62 100

98 10.0 9.4 14.2





#29

Cyclohexane

Concen: 2.30 ug/L

RT: 7.876 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VD080446.D

Acq: 18 Jun 2025 09:36

Instrument :

MSVOA_D

ClientSampleId :

VSTD2.5882

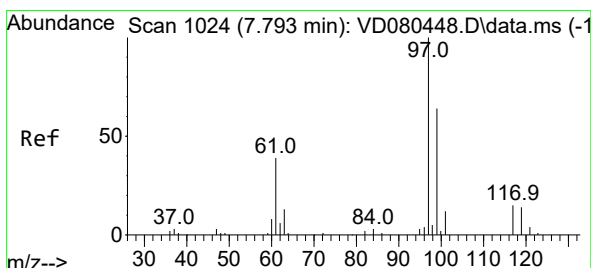
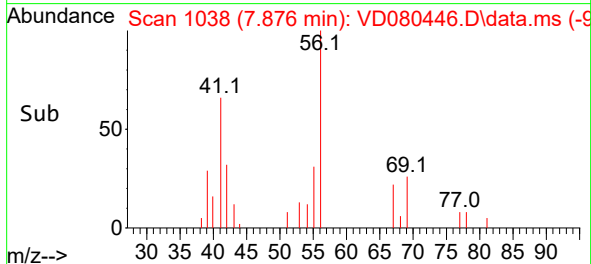
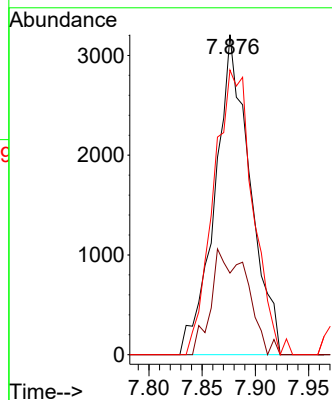
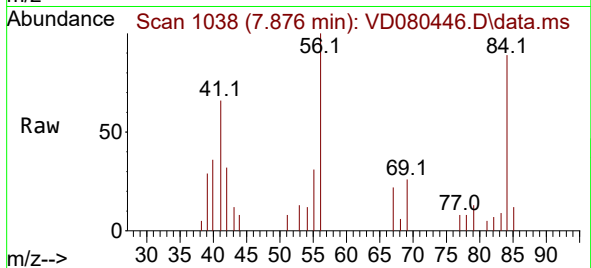
Tgt Ion: 56 Resp: 7353

Ion Ratio Lower Upper

56 100

69 18.2 25.7 38.5#

84 98.9 73.4 110.0



#30

1,1,1-Trichloroethane

Concen: 2.81 ug/L

RT: 7.794 min Scan# 1024

Delta R.T. 0.000 min

Lab File: VD080446.D

Acq: 18 Jun 2025 09:36

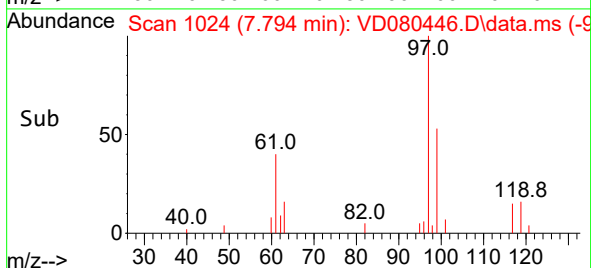
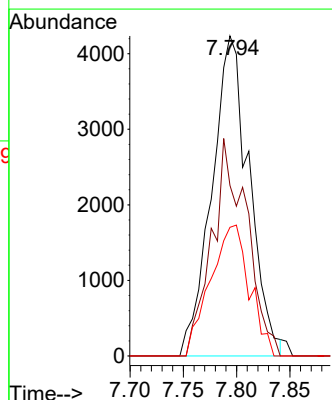
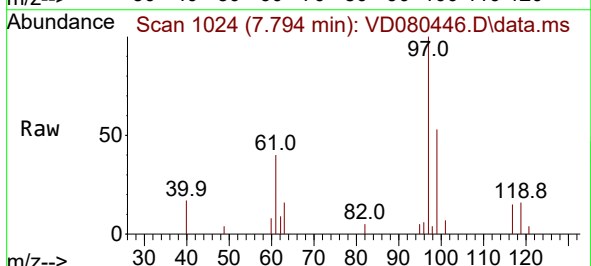
Tgt Ion: 97 Resp: 10322

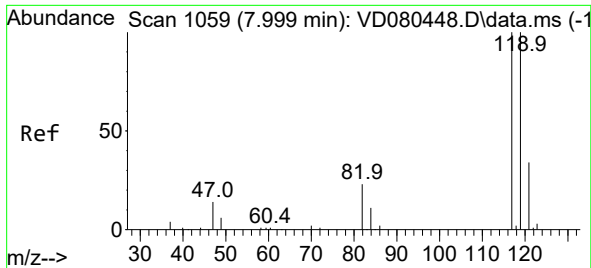
Ion Ratio Lower Upper

97 100

99 42.3 51.1 76.7#

61 42.9 32.4 48.6

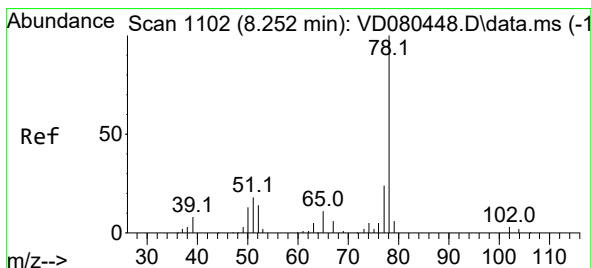
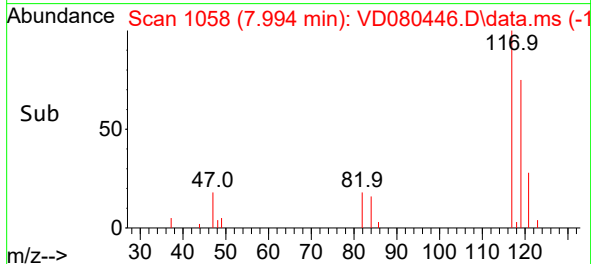
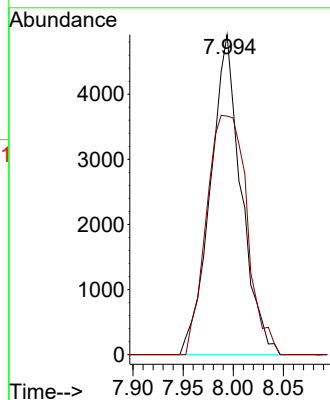
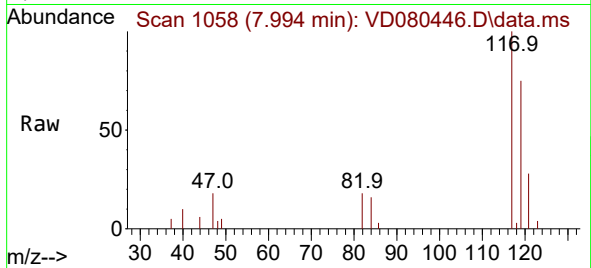




#31
Carbon tetrachloride
Concen: 3.06 ug/L
RT: 7.994 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VD080446.D
Acq: 18 Jun 2025 09:36

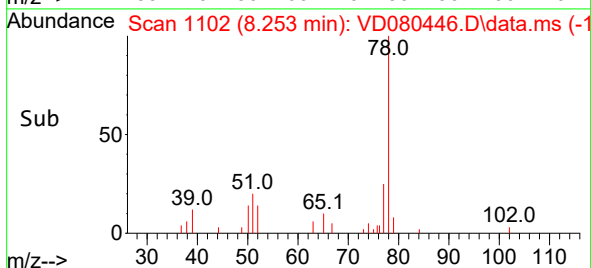
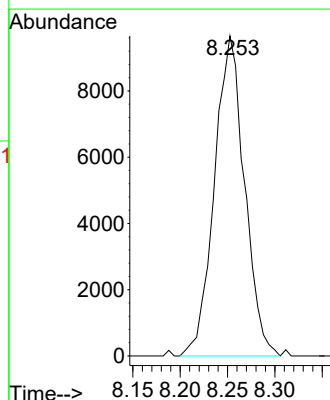
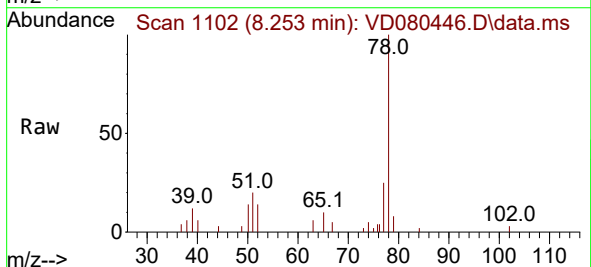
Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5882

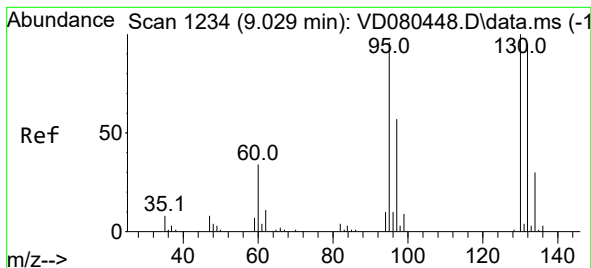
Tgt Ion:117 Resp: 10482
Ion Ratio Lower Upper
117 100
119 98.2 77.2 115.8



#33
Benzene
Concen: 2.39 ug/L
RT: 8.253 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VD080446.D
Acq: 18 Jun 2025 09:36

Tgt Ion: 78 Resp: 21377





#34

Trichloroethene

Concen: 2.80 ug/L

RT: 9.035 min Scan# 1235

Delta R.T. 0.006 min

Lab File: VD080446.D

Acq: 18 Jun 2025 09:36

Instrument :

MSVOA_D

ClientSampleId :

VSTD2.5882

Tgt Ion: 95 Resp: 7002

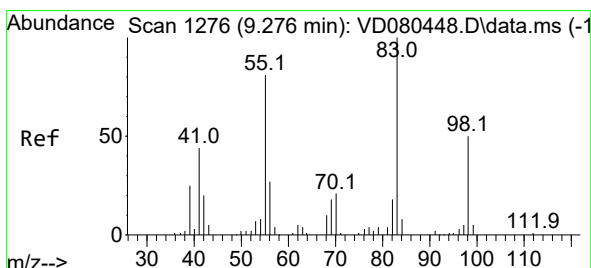
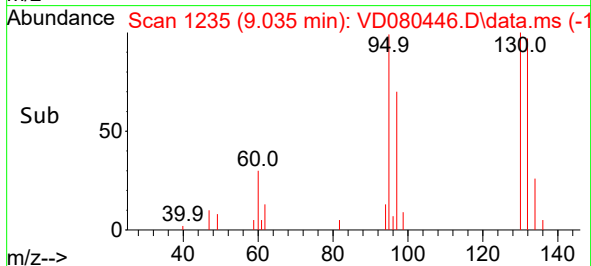
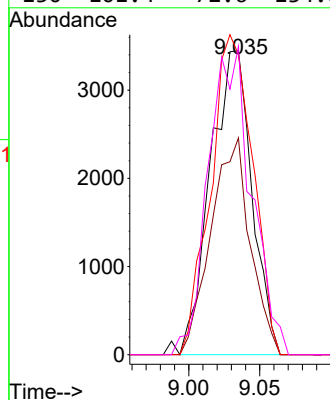
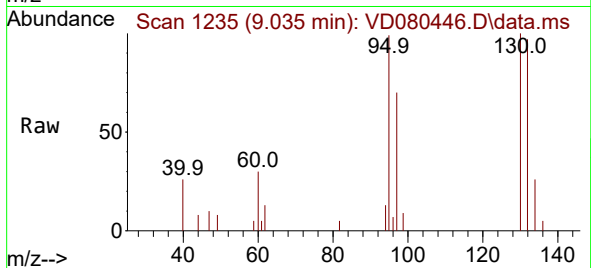
Ion Ratio Lower Upper

95 100

97 71.3 41.5 77.1

132 98.7 69.1 128.3

130 101.4 72.6 134.8



#35

Methylcyclohexane

Concen: 2.45 ug/L

RT: 9.276 min Scan# 1276

Delta R.T. 0.000 min

Lab File: VD080446.D

Acq: 18 Jun 2025 09:36

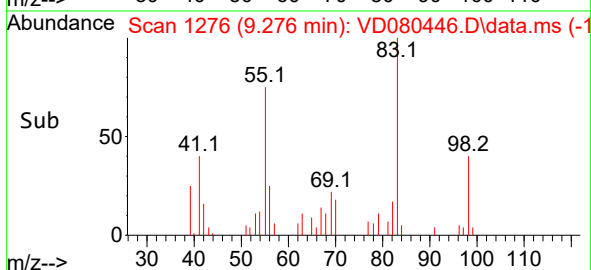
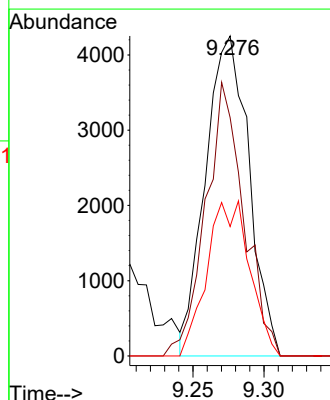
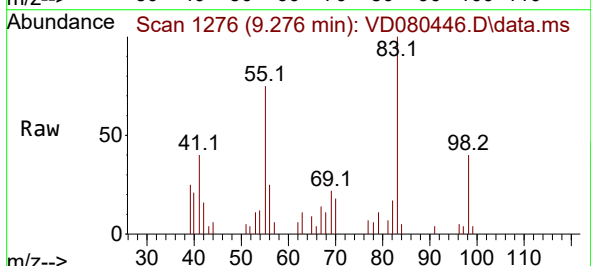
Tgt Ion: 83 Resp: 9035

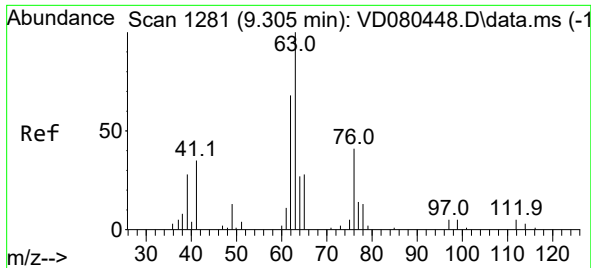
Ion Ratio Lower Upper

83 100

55 75.2 59.7 89.5

98 28.5 38.2 57.2#

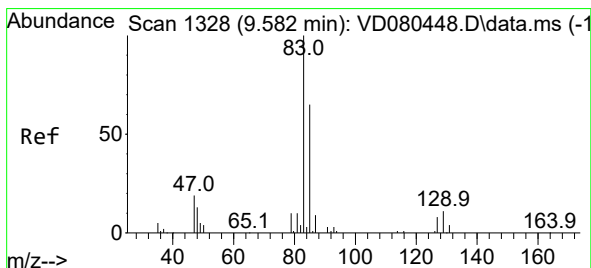
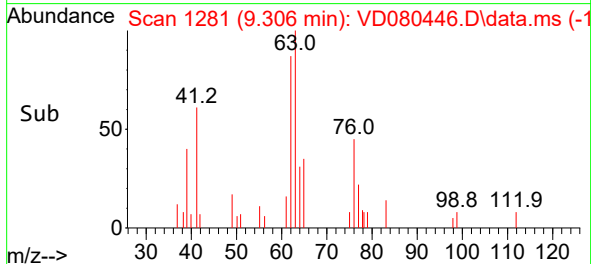
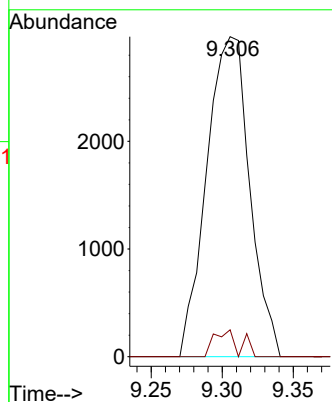
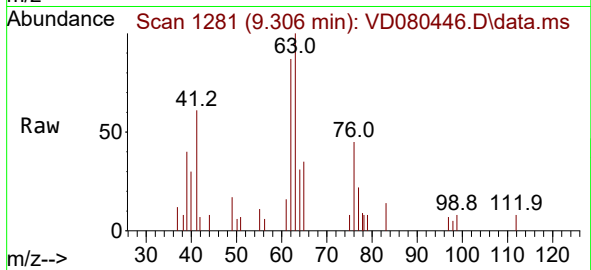




#37
1,2-Dichloropropane
Concen: 2.55 ug/L
RT: 9.306 min Scan# 1281
Delta R.T. 0.000 min
Lab File: VD080446.D
Acq: 18 Jun 2025 09:36

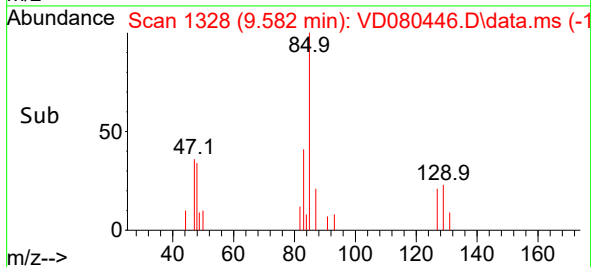
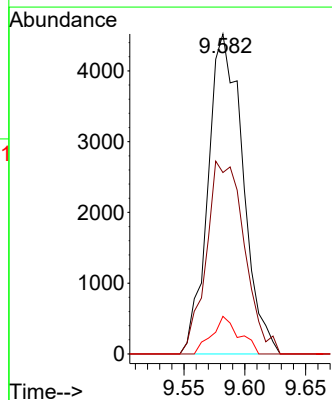
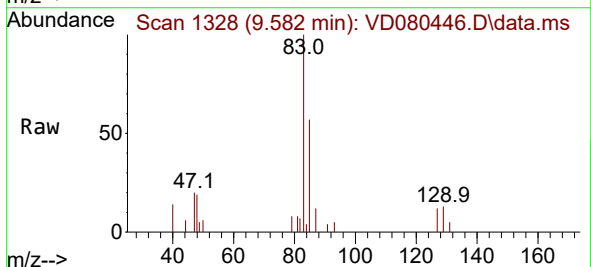
Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5882

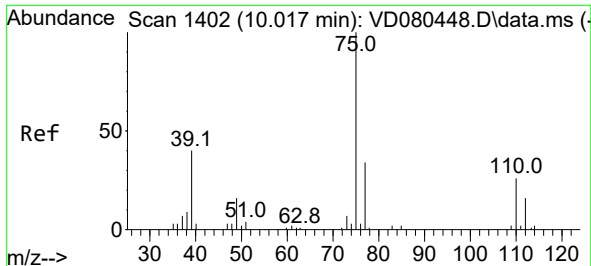
Tgt Ion: 63 Resp: 6269
Ion Ratio Lower Upper
63 100
112 3.6 3.9 5.9#



#38
Bromodichloromethane
Concen: 2.82 ug/L
RT: 9.582 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VD080446.D
Acq: 18 Jun 2025 09:36

Tgt Ion: 83 Resp: 8989
Ion Ratio Lower Upper
83 100
85 56.7 45.2 84.0
127 11.8 6.2 9.4#





#39

cis-1,3-Dichloropropene

Concen: 2.62 ug/L

RT: 10.017 min Scan# 1402

Delta R.T. 0.000 min

Lab File: VD080446.D

Acq: 18 Jun 2025 09:36

Instrument :

MSVOA_D

ClientSampleId :

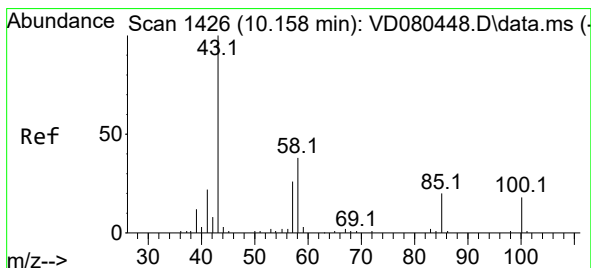
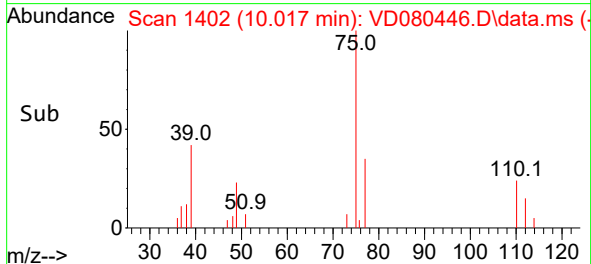
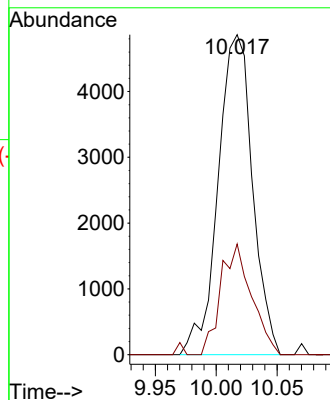
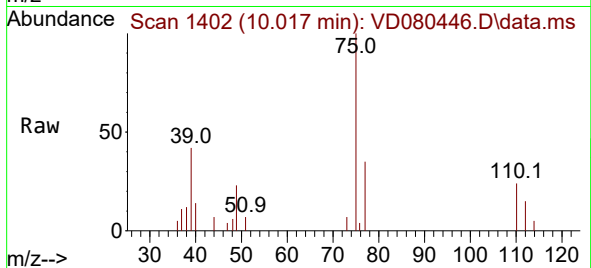
VSTD2.5882

Tgt Ion: 75 Resp: 9576

Ion Ratio Lower Upper

75 100

77 34.6 24.1 44.7



#40

4-Methyl-2-pentanone

Concen: 4.92 ug/L

RT: 10.158 min Scan# 1426

Delta R.T. 0.000 min

Lab File: VD080446.D

Acq: 18 Jun 2025 09:36

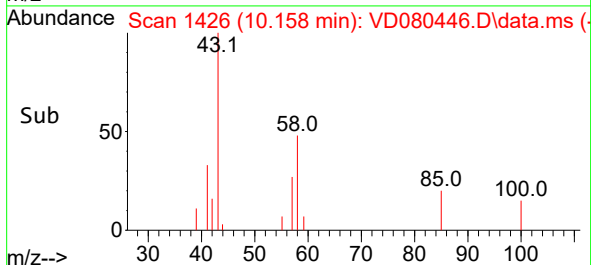
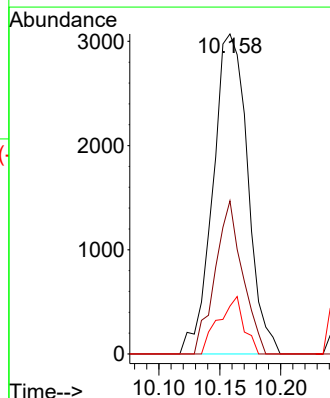
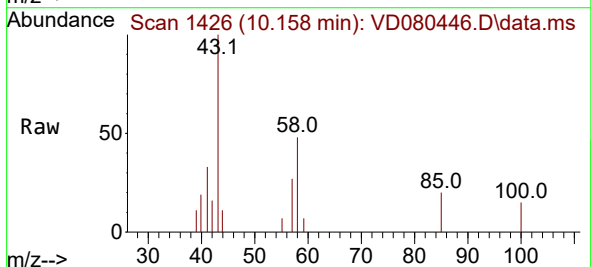
Tgt Ion: 43 Resp: 6092

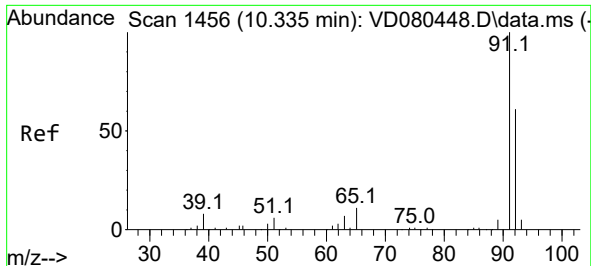
Ion Ratio Lower Upper

43 100

58 37.8 31.7 47.5

100 13.1 13.4 20.0#

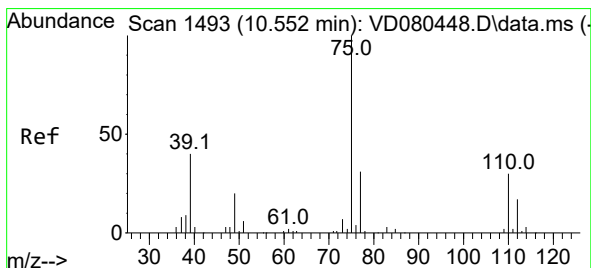
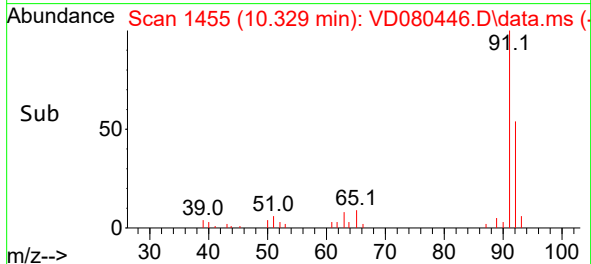
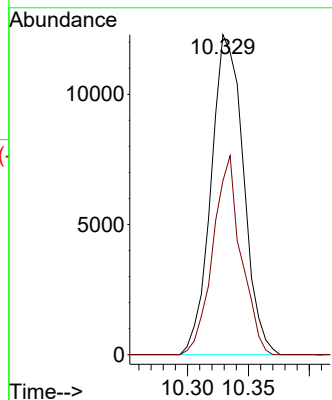
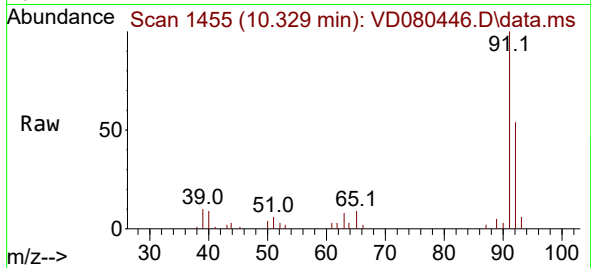




#42
Toluene
Concen: 2.32 ug/L
RT: 10.329 min Scan# 1455
Delta R.T. -0.006 min
Lab File: VD080446.D
Acq: 18 Jun 2025 09:36

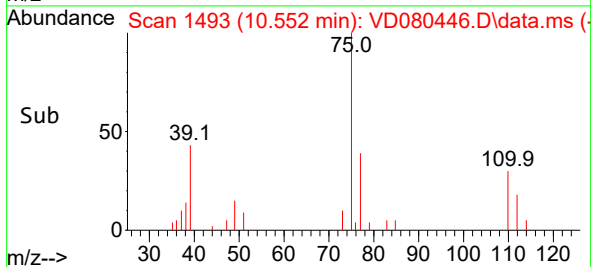
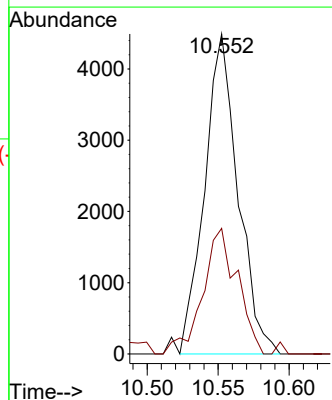
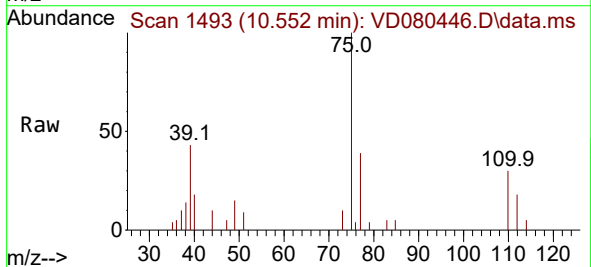
Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5882

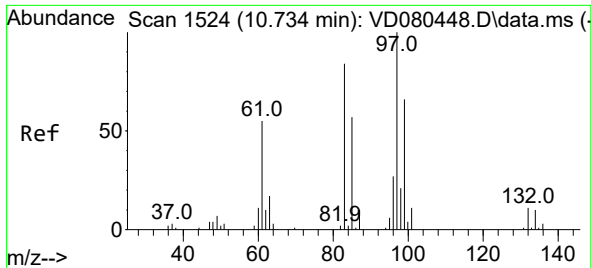
Tgt Ion: 91 Resp: 22700
Ion Ratio Lower Upper
91 100
92 54.3 42.6 79.0



#44
trans-1,3-Dichloropropene
Concen: 2.33 ug/L
RT: 10.552 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VD080446.D
Acq: 18 Jun 2025 09:36

Tgt Ion: 75 Resp: 7346
Ion Ratio Lower Upper
75 100
77 39.2 21.8 40.6

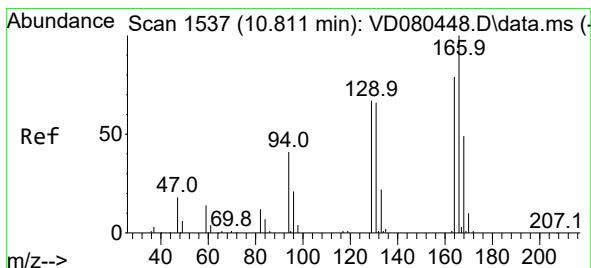
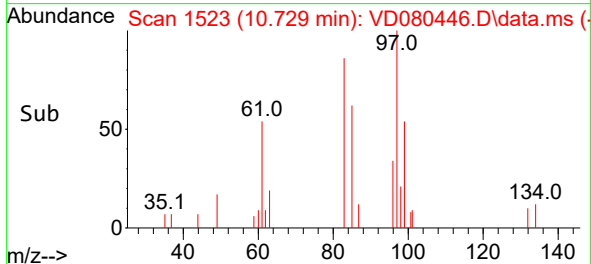
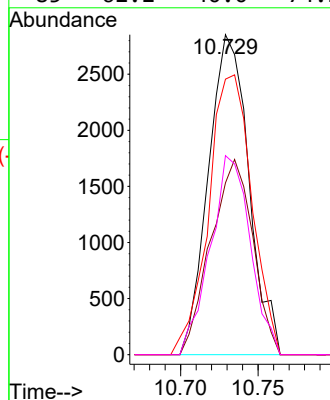
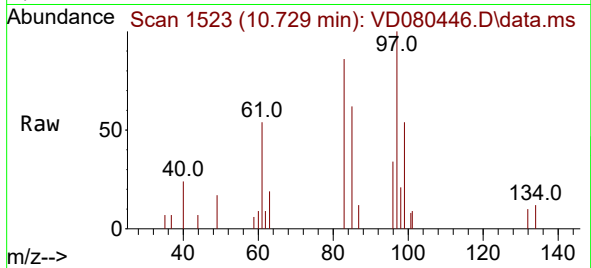




#45
1,1,2-Trichloroethane
Concen: 2.58 ug/L
RT: 10.729 min Scan# 1523
Delta R.T. -0.006 min
Lab File: VD080446.D
Acq: 18 Jun 2025 09:36

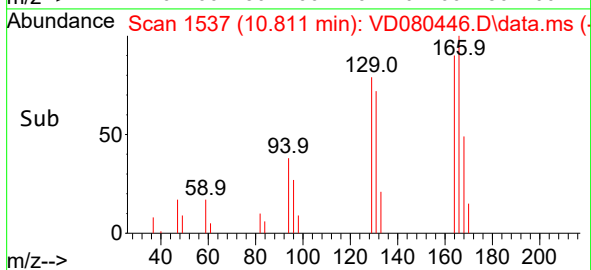
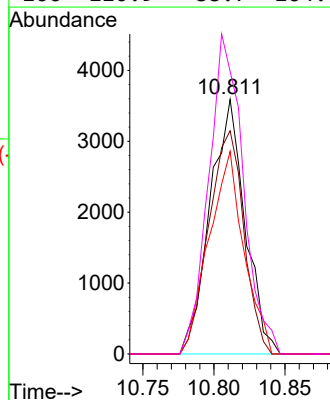
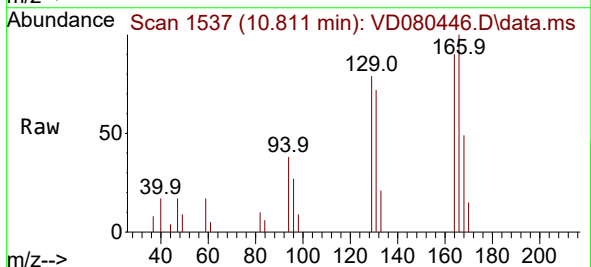
Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5882

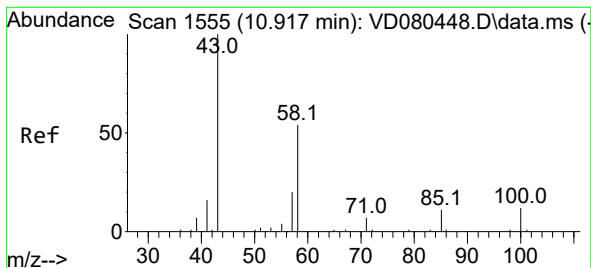
Tgt Ion:	97	Resp:	5171
Ion	Ratio	Lower	Upper
97	100		
99	53.7	46.5	86.3
83	86.1	58.5	108.7
85	62.2	40.0	74.2



#46
Tetrachloroethene
Concen: 2.82 ug/L
RT: 10.811 min Scan# 1537
Delta R.T. 0.000 min
Lab File: VD080446.D
Acq: 18 Jun 2025 09:36

Tgt Ion:	164	Resp:	6181
Ion	Ratio	Lower	Upper
164	100		
129	87.6	59.7	110.9
131	79.6	58.7	109.1
166	110.9	88.7	164.7





#48

2-Hexanone

Concen: 5.14 ug/L

RT: 10.923 min Scan# 1556

Delta R.T. 0.006 min

Lab File: VD080446.D

Acq: 18 Jun 2025 09:36

Instrument :

MSVOA_D

ClientSampleId :

VSTD2.5882

Tgt Ion: 43 Resp: 4661

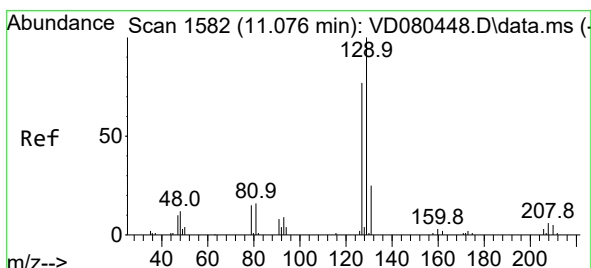
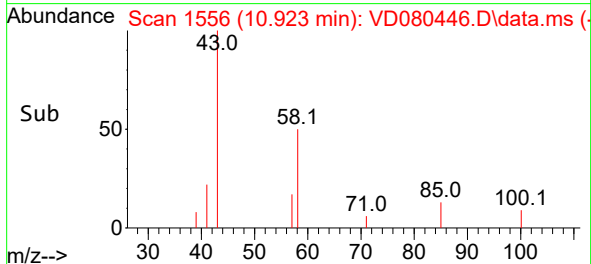
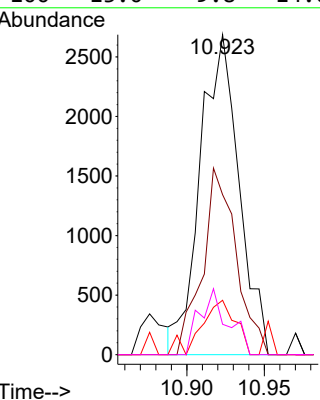
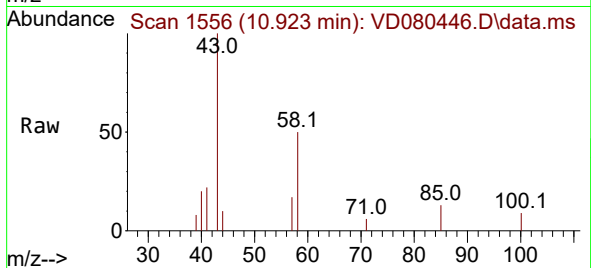
Ion Ratio Lower Upper

43 100

58 50.7 43.8 65.6

57 14.0 15.6 23.4#

100 13.0 9.8 14.6



#49

Dibromochloromethane

Concen: 2.64 ug/L

RT: 11.076 min Scan# 1582

Delta R.T. 0.000 min

Lab File: VD080446.D

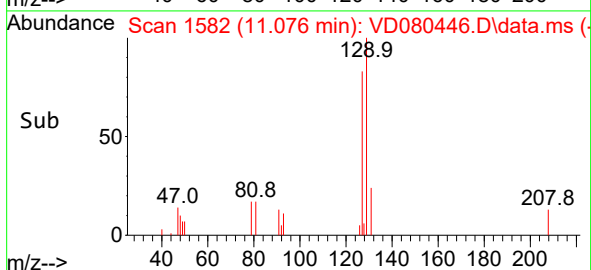
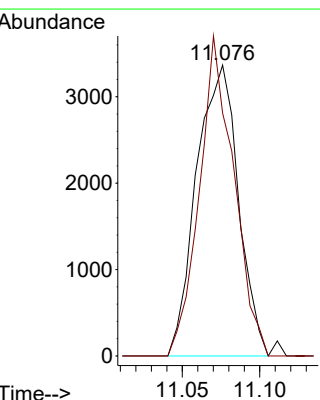
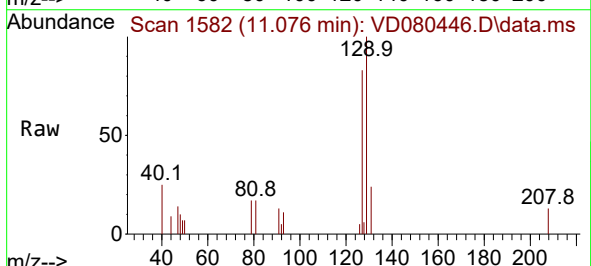
Acq: 18 Jun 2025 09:36

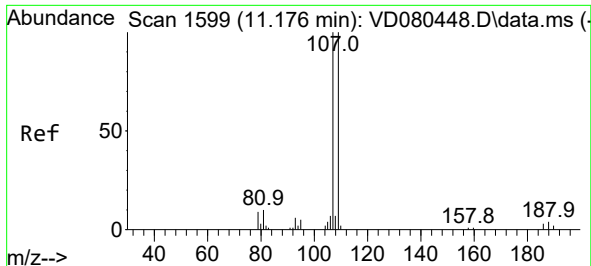
Tgt Ion: 129 Resp: 6305

Ion Ratio Lower Upper

129 100

127 83.5 54.1 100.5

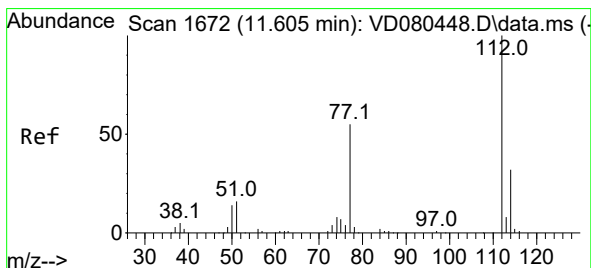
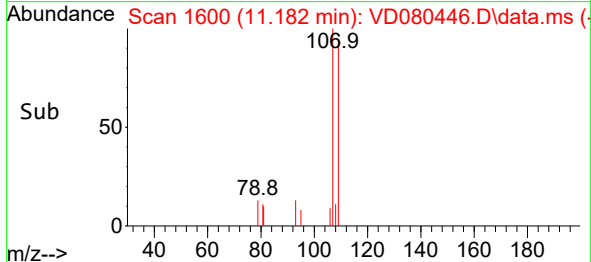
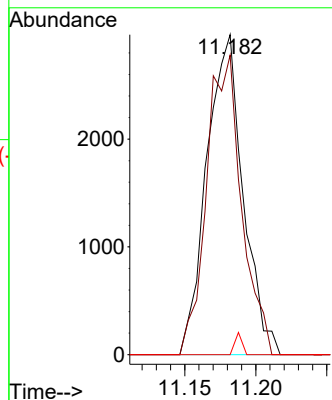
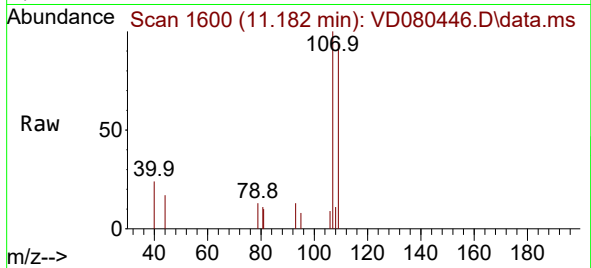




#50
1,2-Dibromoethane
Concen: 2.79 ug/L
RT: 11.182 min Scan# 1
Delta R.T. 0.006 min
Lab File: VD080446.D
Acq: 18 Jun 2025 09:36

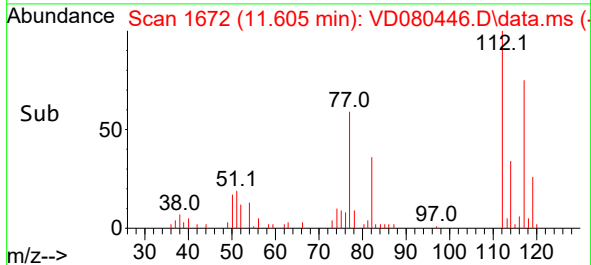
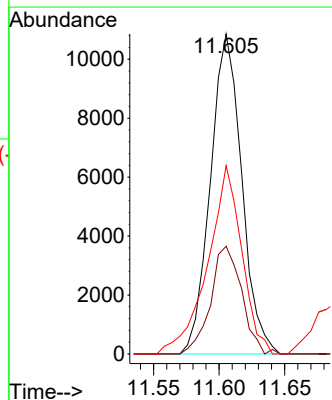
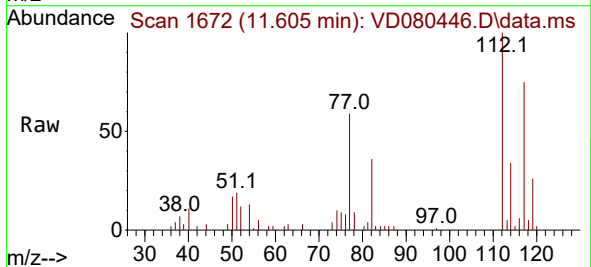
Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5882

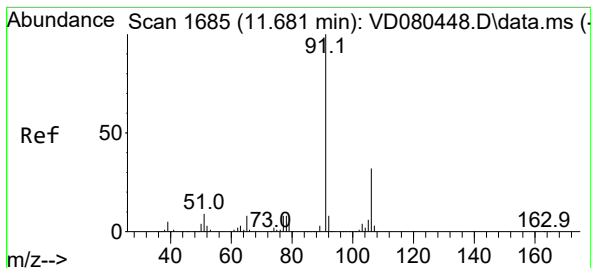
Tgt Ion:107 Resp: 5287
Ion Ratio Lower Upper
107 100
109 93.6 69.8 129.6
188 0.0 2.9 4.3#



#51
Chlorobenzene
Concen: 2.70 ug/L
RT: 11.605 min Scan# 1672
Delta R.T. 0.000 min
Lab File: VD080446.D
Acq: 18 Jun 2025 09:36

Tgt Ion:112 Resp: 18061
Ion Ratio Lower Upper
112 100
114 33.6 22.3 41.3
77 58.8 44.2 66.4

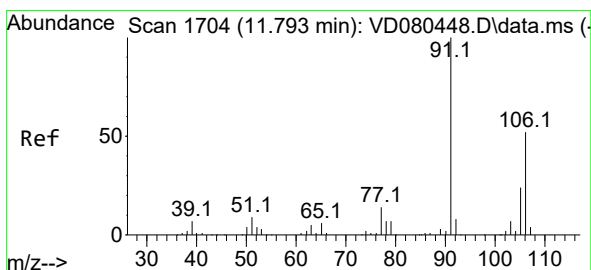
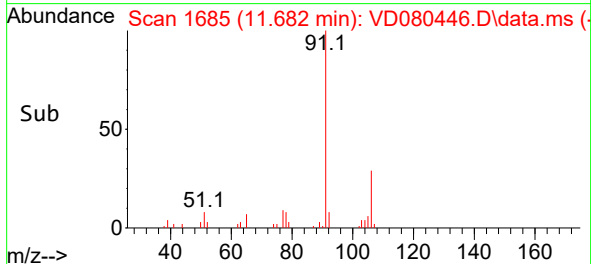
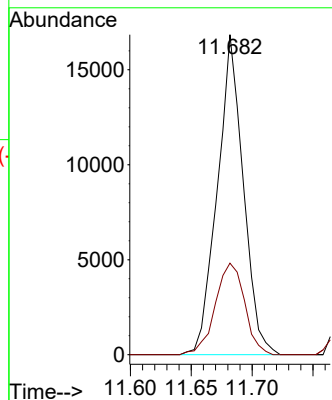
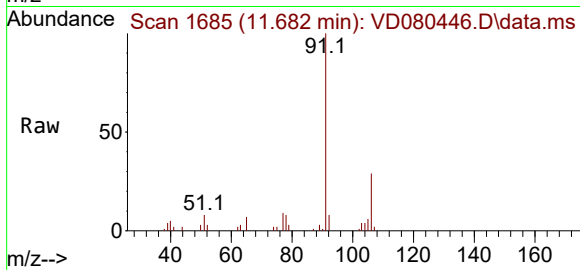




#52
Ethylbenzene
Concen: 2.37 ug/L
RT: 11.682 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD080446.D
Acq: 18 Jun 2025 09:36

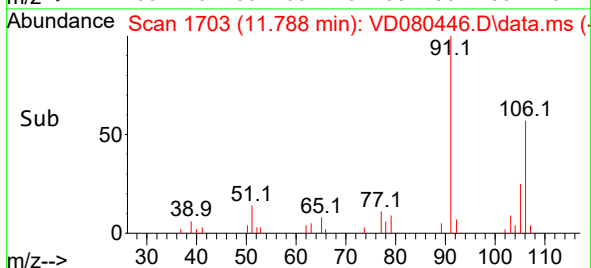
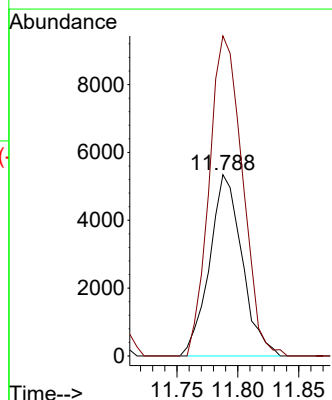
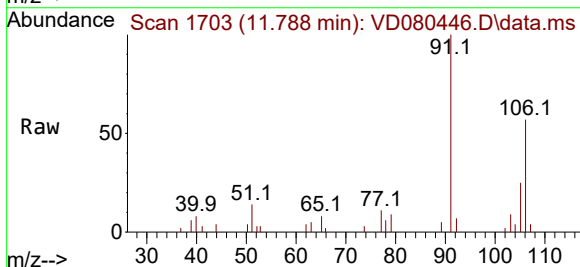
Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5882

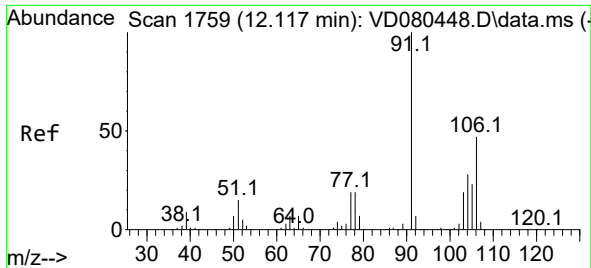
Tgt Ion: 91 Resp: 24942
Ion Ratio Lower Upper
91 100
106 28.6 22.1 41.1



#53
m,p-Xylene
Concen: 2.45 ug/L
RT: 11.788 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD080446.D
Acq: 18 Jun 2025 09:36

Tgt Ion: 106 Resp: 9947
Ion Ratio Lower Upper
106 100
91 176.5 134.1 249.1

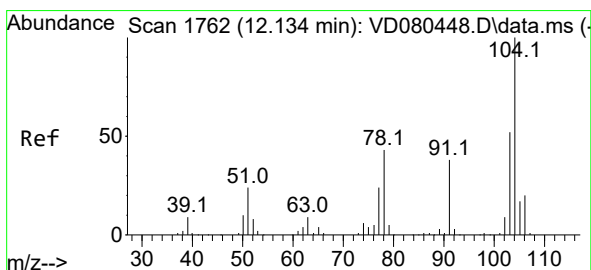
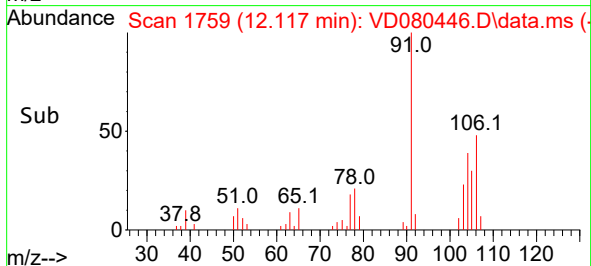
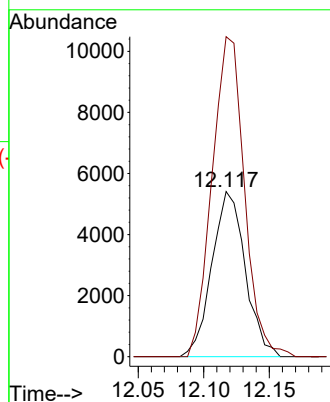
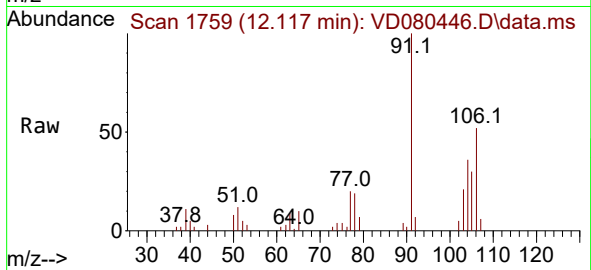




#54
o-Xylene
Concen: 2.46 ug/L
RT: 12.117 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VD080446.D
Acq: 18 Jun 2025 09:36

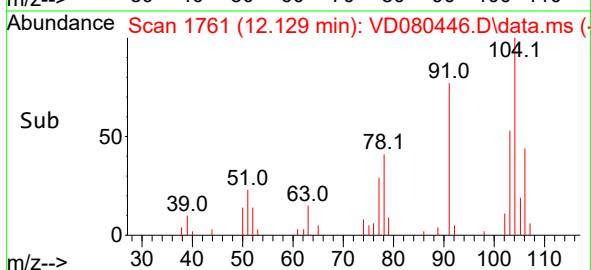
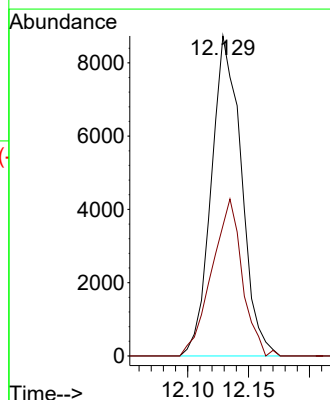
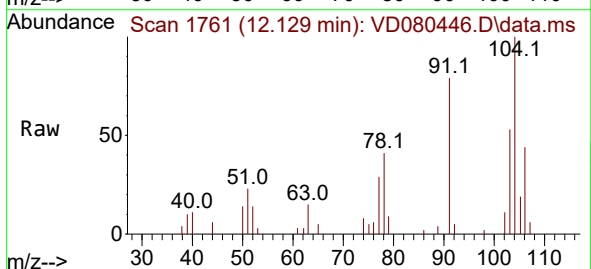
Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5882

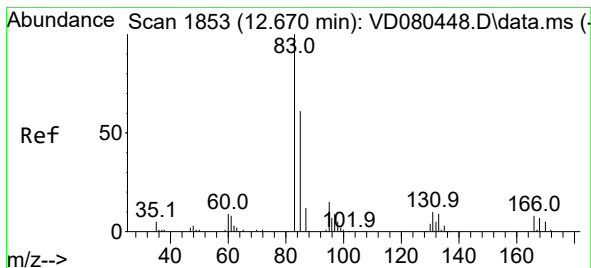
Tgt Ion:106 Resp: 9568
Ion Ratio Lower Upper
106 100
91 193.7 148.3 275.3



#55
Styrene
Concen: 2.17 ug/L
RT: 12.129 min Scan# 1761
Delta R.T. -0.006 min
Lab File: VD080446.D
Acq: 18 Jun 2025 09:36

Tgt Ion:104 Resp: 15014
Ion Ratio Lower Upper
104 100
78 40.7 30.0 55.8

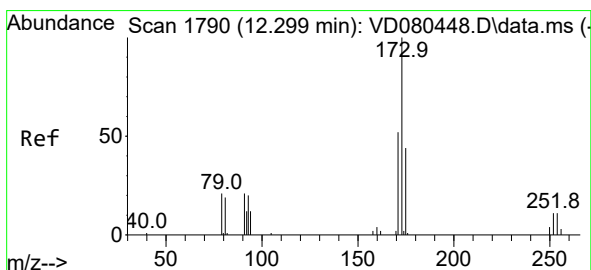
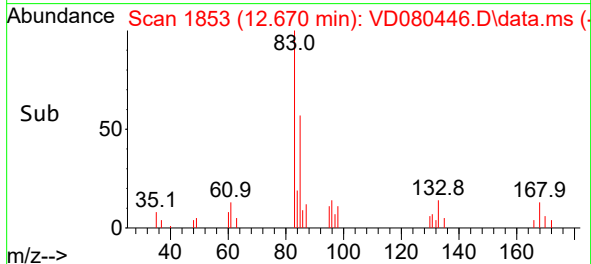
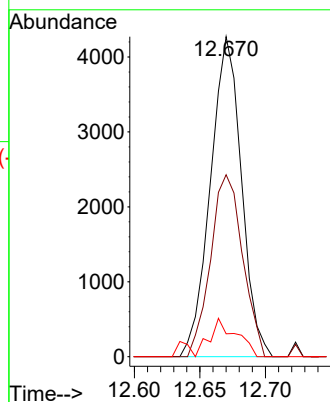
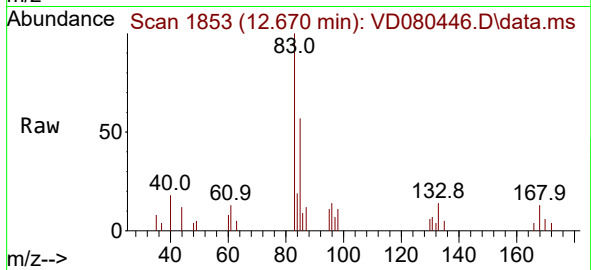




#57
1,1,2,2-Tetrachloroethane
Concen: 3.01 ug/L
RT: 12.670 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VD080446.D
Acq: 18 Jun 2025 09:36

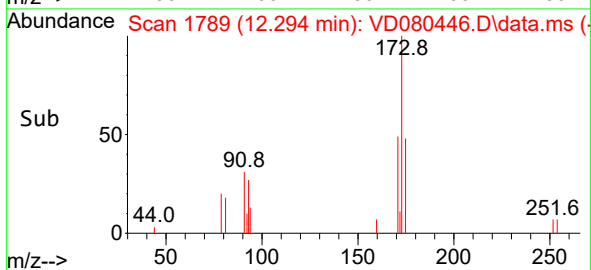
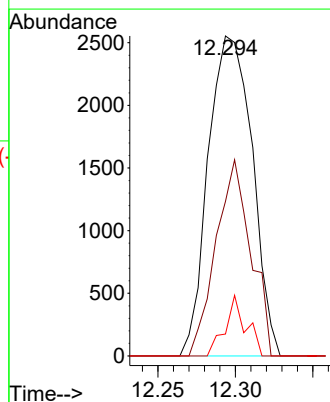
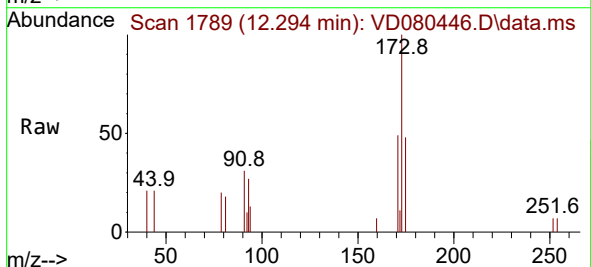
Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5882

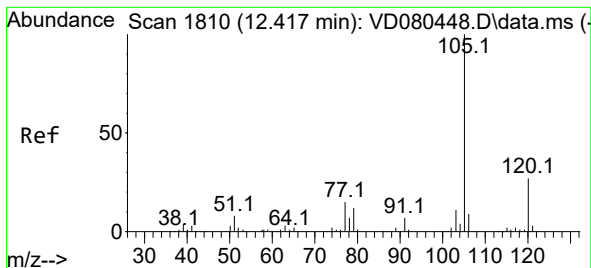
Tgt Ion: 83 Resp: 7019
Ion Ratio Lower Upper
83 100
85 56.8 42.8 79.6
131 7.1 7.8 11.8#



#59
Bromoform
Concen: 3.17 ug/L
RT: 12.294 min Scan# 1789
Delta R.T. -0.006 min
Lab File: VD080446.D
Acq: 18 Jun 2025 09:36

Tgt Ion: 173 Resp: 5044
Ion Ratio Lower Upper
173 100
175 48.5 38.2 57.4
254 8.9 9.0 13.4#





#60

Isopropylbenzene

Concen: 2.36 ug/L

RT: 12.417 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD080446.D

Acq: 18 Jun 2025 09:36

Instrument :

MSVOA_D

ClientSampleId :

VSTD2.5882

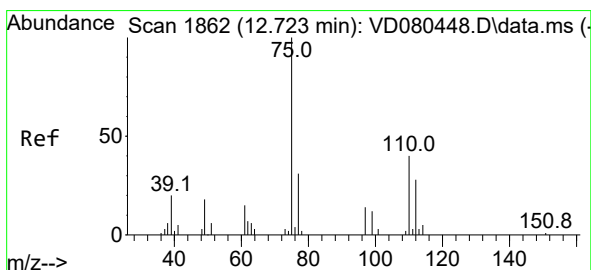
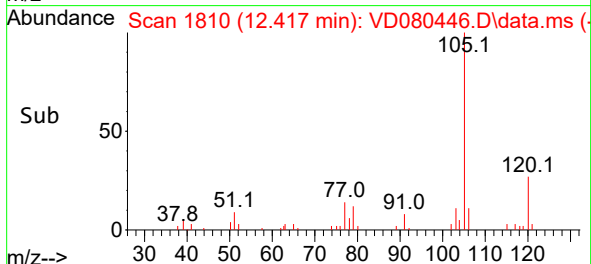
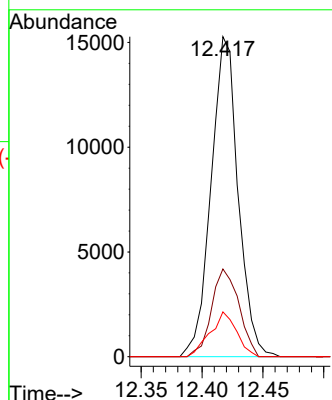
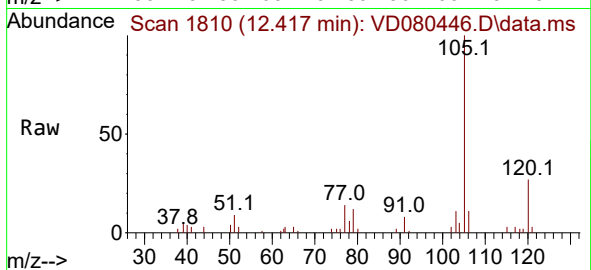
Tgt Ion:105 Resp: 23689

Ion Ratio Lower Upper

105 100

120 27.6 22.1 33.1

77 13.6 12.1 18.1



#61

1,2,3-Trichloropropane

Concen: 2.93 ug/L

RT: 12.723 min Scan# 1862

Delta R.T. 0.000 min

Lab File: VD080446.D

Acq: 18 Jun 2025 09:36

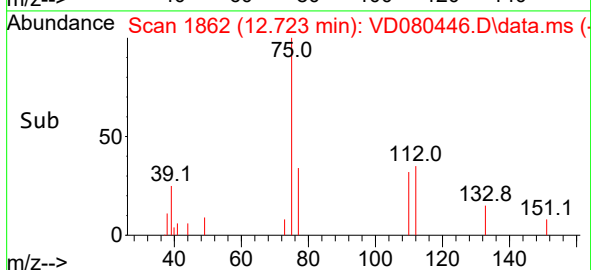
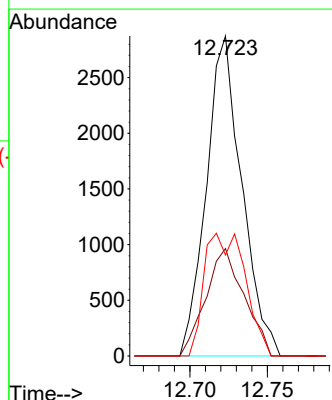
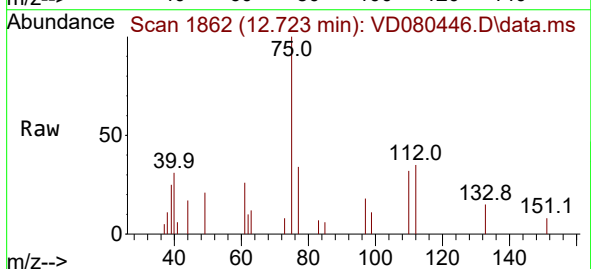
Tgt Ion: 75 Resp: 4575

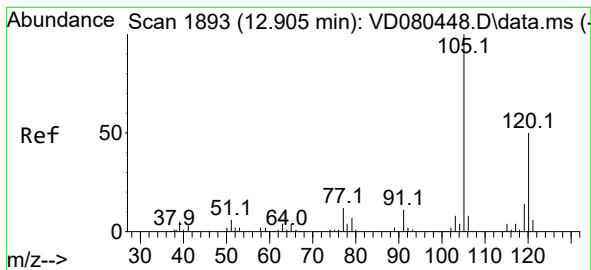
Ion Ratio Lower Upper

75 100

77 36.3 26.8 40.2

110 25.4 33.0 49.4#





#62

1,3,5-Trimethylbenzene

Concen: 2.32 ug/L

RT: 12.899 min Scan# 1892

Delta R.T. -0.006 min

Lab File: VD080446.D

Acq: 18 Jun 2025 09:36

Instrument :

MSVOA_D

ClientSampleId :

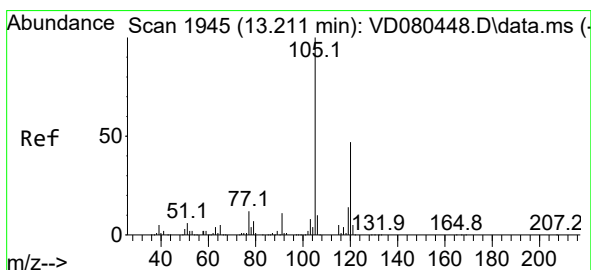
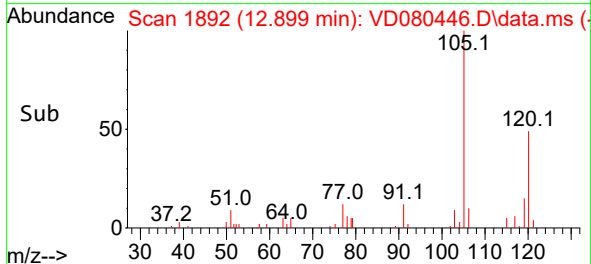
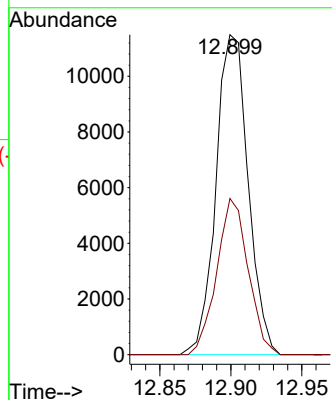
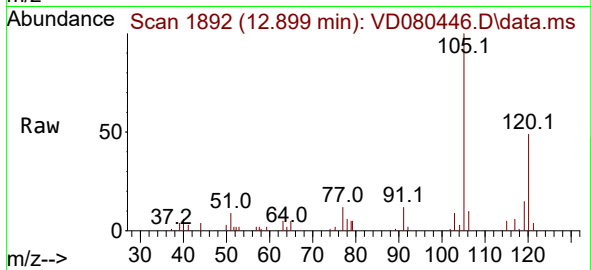
VSTD2.5882

Tgt Ion:105 Resp: 18127

Ion Ratio Lower Upper

105 100

120 47.6 40.1 60.1



#63

1,2,4-Trimethylbenzene

Concen: 2.25 ug/L

RT: 13.211 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VD080446.D

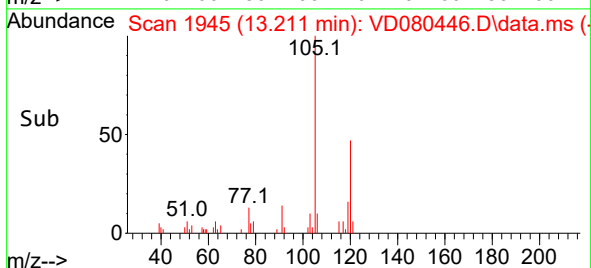
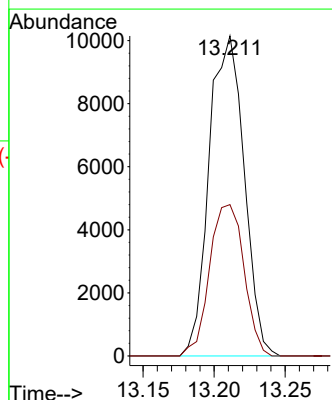
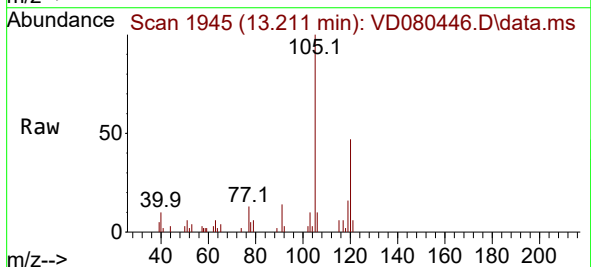
Acq: 18 Jun 2025 09:36

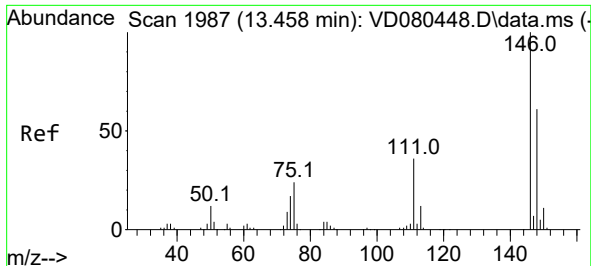
Tgt Ion:105 Resp: 17392

Ion Ratio Lower Upper

105 100

120 46.6 37.5 56.3

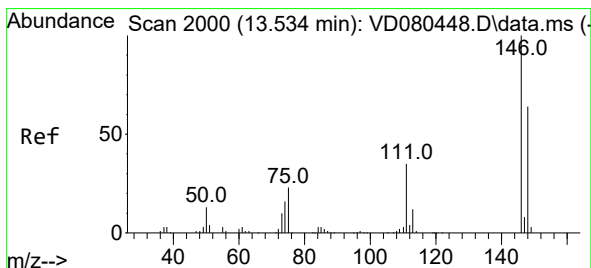
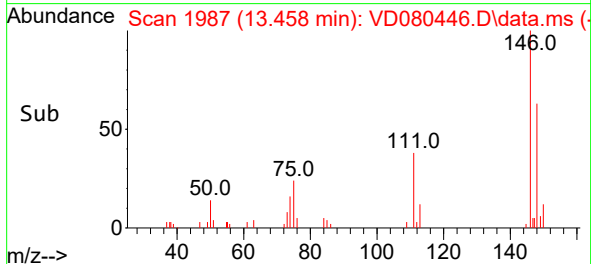
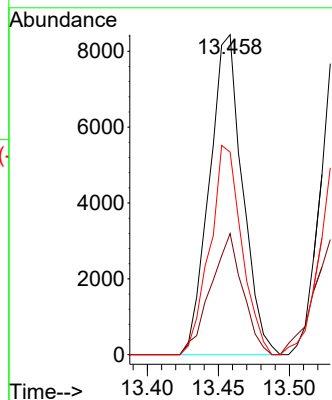
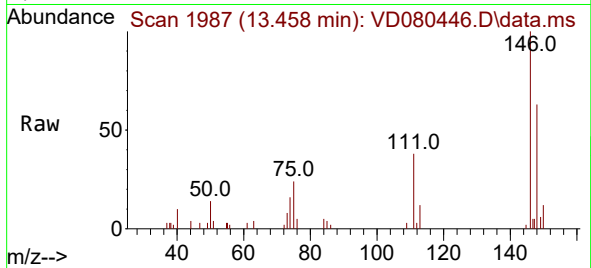




#64
1,3-Dichlorobenzene
Concen: 2.60 ug/L
RT: 13.458 min Scan# 1987
Delta R.T. 0.000 min
Lab File: VD080446.D
Acq: 18 Jun 2025 09:36

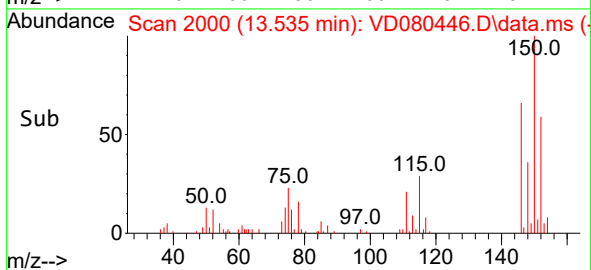
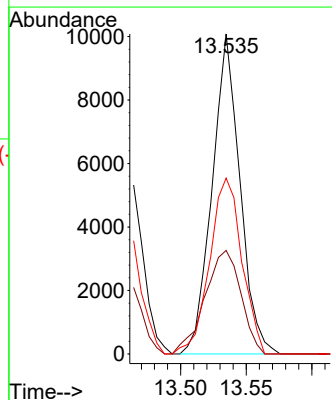
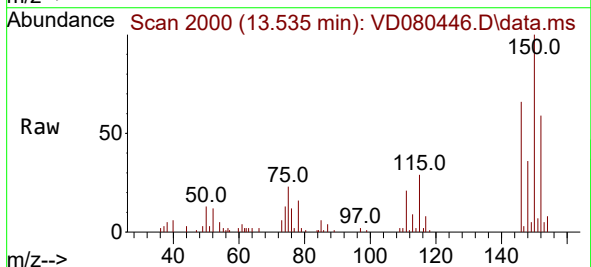
Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5882

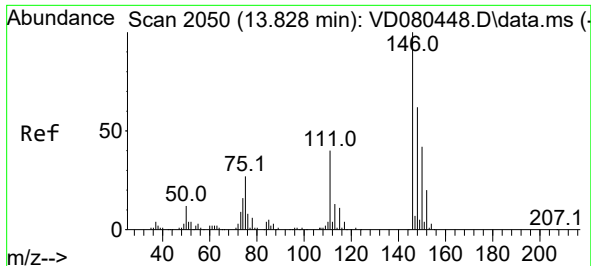
Tgt Ion:146 Resp: 13642
Ion Ratio Lower Upper
146 100
111 37.8 25.4 47.2
148 63.3 42.8 79.6



#65
1,4-Dichlorobenzene
Concen: 2.73 ug/L
RT: 13.535 min Scan# 2000
Delta R.T. 0.000 min
Lab File: VD080446.D
Acq: 18 Jun 2025 09:36

Tgt Ion:146 Resp: 14864
Ion Ratio Lower Upper
146 100
111 32.3 24.5 45.5
148 55.0 44.6 82.8

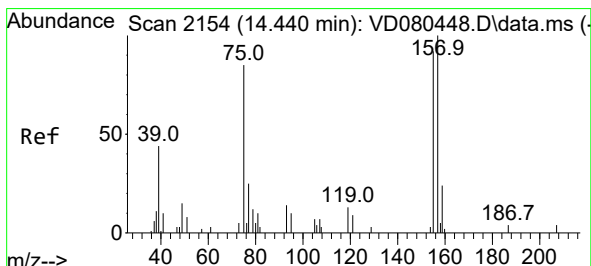
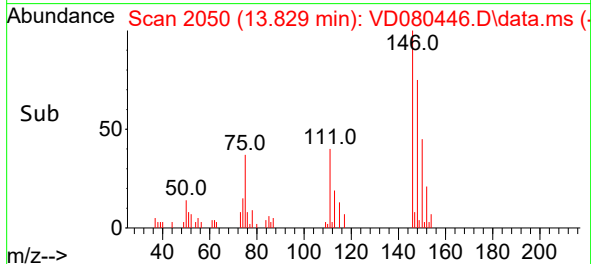
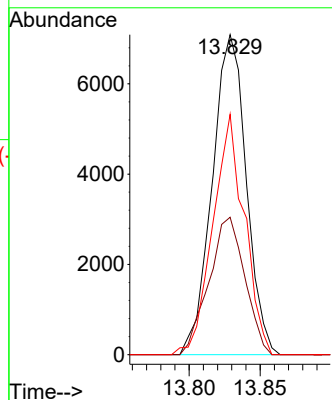
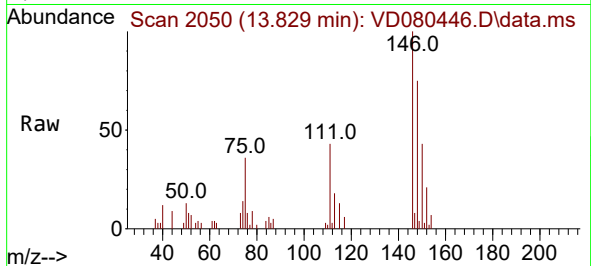




#67
1,2-Dichlorobenzene
Concen: 2.43 ug/L
RT: 13.829 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VD080446.D
Acq: 18 Jun 2025 09:36

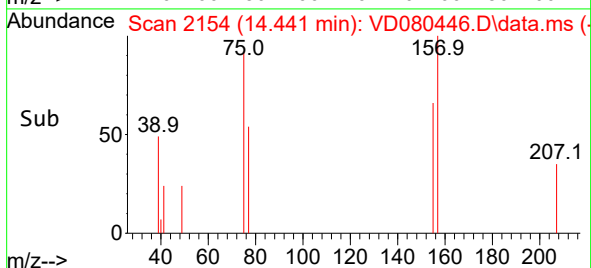
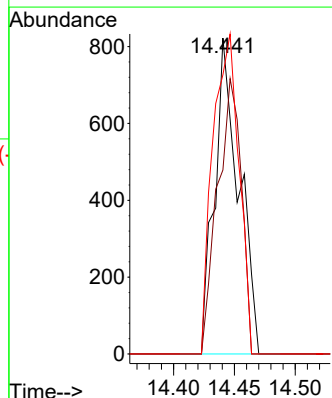
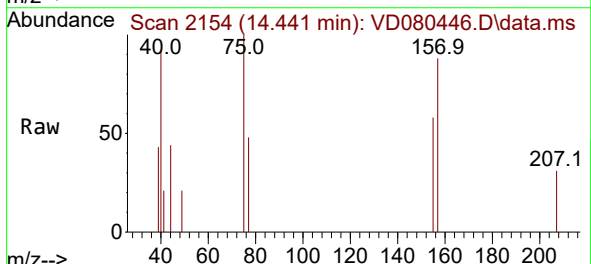
Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5882

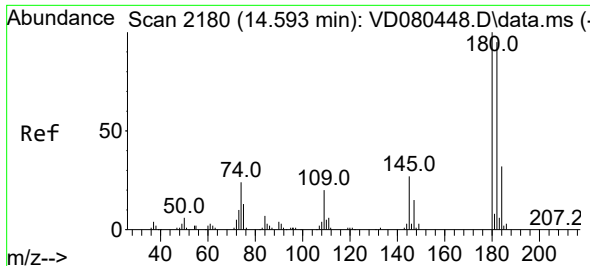
Tgt Ion:146 Resp: 11822
Ion Ratio Lower Upper
146 100
111 42.9 32.0 48.0
148 75.1 49.7 74.5#



#68
1,2-Dibromo-3-chloropropane
Concen: 3.21 ug/L
RT: 14.441 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VD080446.D
Acq: 18 Jun 2025 09:36

Tgt Ion: 75 Resp: 1138
Ion Ratio Lower Upper
75 100
155 58.3 86.2 129.2#
157 88.4 94.0 141.0#





#69

1,3,5-Trichlorobenzene

Concen: 2.88 ug/L

RT: 14.588 min Scan# 2180

Delta R.T. -0.006 min

Lab File: VD080446.D

Acq: 18 Jun 2025 09:36

Instrument :

MSVOA_D

ClientSampleId :

VSTD2.5882

Tgt Ion:180 Resp: 10378

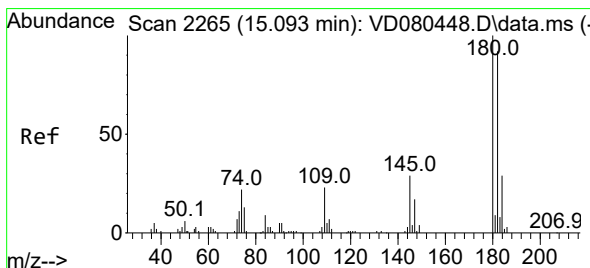
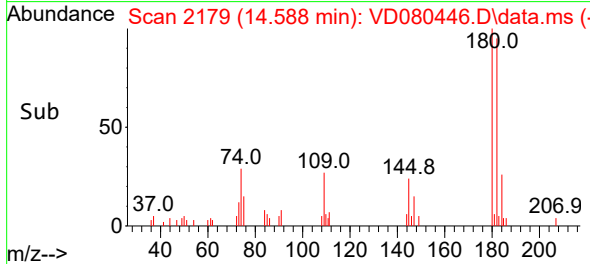
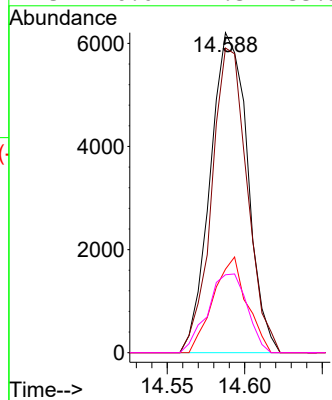
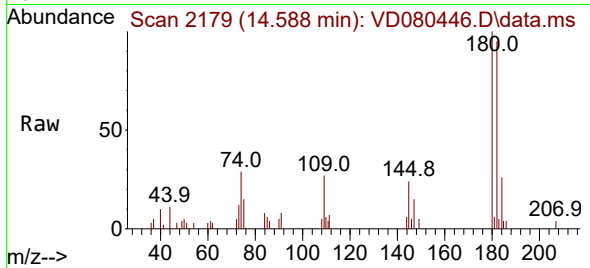
Ion Ratio Lower Upper

180 100

182 90.5 77.0 115.4

184 26.9 24.9 37.3

145 26.0 22.3 33.5



#70

1,2,4-trichlorobenzene

Concen: 2.69 ug/L

RT: 15.099 min Scan# 2266

Delta R.T. 0.006 min

Lab File: VD080446.D

Acq: 18 Jun 2025 09:36

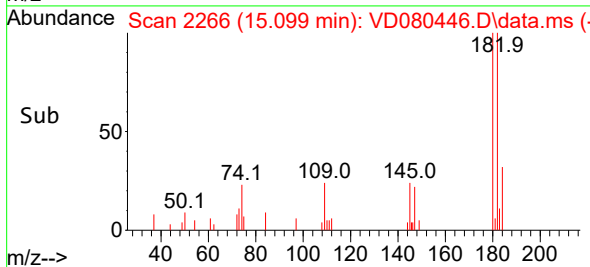
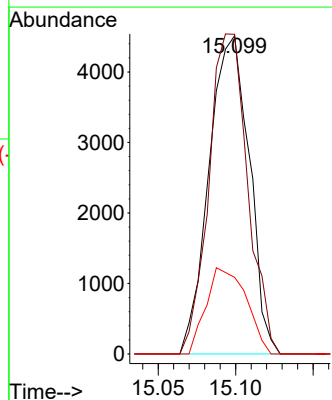
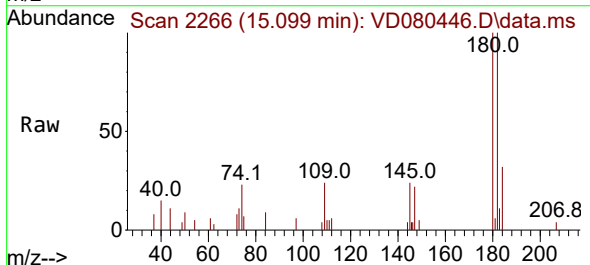
Tgt Ion:180 Resp: 8137

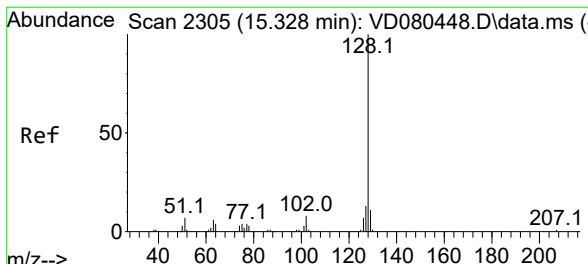
Ion Ratio Lower Upper

180 100

182 97.1 76.0 114.0

145 27.0 22.2 33.4

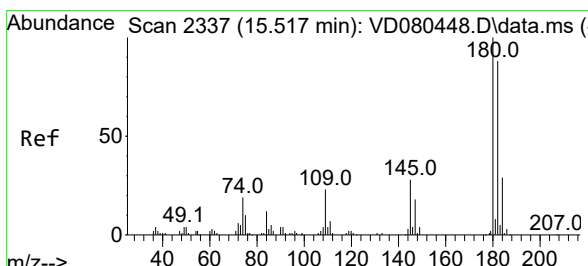
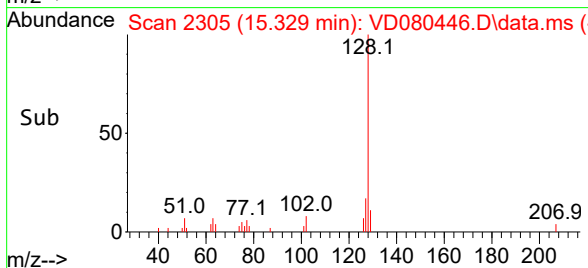
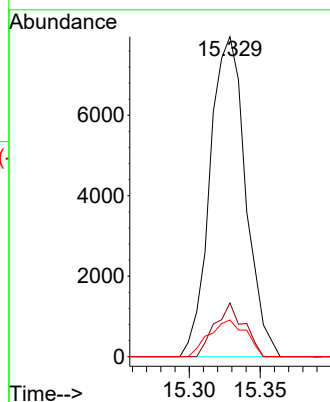
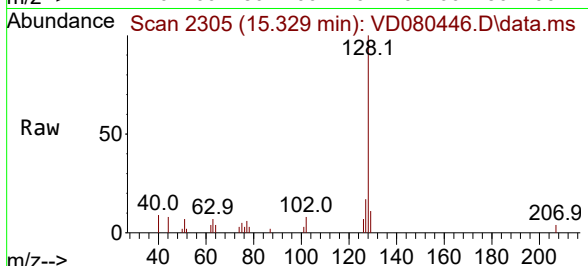




#71
Naphthalene
Concen: 2.58 ug/L
RT: 15.329 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD080446.D
Acq: 18 Jun 2025 09:36

Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5882

Tgt Ion:	128	Resp:	13894
Ion Ratio	Lower	Upper	
128	100		
127	13.7	11.0	16.6
129	11.8	9.0	13.4



#72
1,2,3-Trichlorobenzene
Concen: 2.61 ug/L
RT: 15.511 min Scan# 2336
Delta R.T. -0.006 min
Lab File: VD080446.D
Acq: 18 Jun 2025 09:36

Tgt Ion:	180	Resp:	7311
Ion Ratio	Lower	Upper	
180	100		
182	94.1	74.7	112.1
145	14.1	24.2	36.4

