

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061825\
 Data File : VD080449.D
 Acq On : 18 Jun 2025 10:54
 Operator : RP/MD
 Sample : VSTD050
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD050885

Quant Time: Jun 19 08:38:01 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	8.782	114	222938	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.582	117	209463	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.517	152	119546	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	145626	37.76	ug/L	0.00
7) Chloroethane-d5	2.806	69	128003	39.11	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.923	65	54182	40.68	ug/L	0.00
21) 2-Butanone-d5	6.988	46	56903	83.93	ug/L	0.00
24) Chloroform-d	7.570	84	259826	39.94	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.229	65	132250	40.78	ug/L	0.00
32) Benzene-d6	8.205	84	522176	44.12	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.211	67	161496	42.57	ug/L	0.00
41) Toluene-d8	10.270	98	508934	45.58	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.523	79	70750	44.30	ug/L	0.00
47) 2-Hexanone-d5	10.876	63	53706	92.59	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.646	84	146214	43.13	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.811	152	185722	41.01	ug/L	0.00
Target Compounds						
2) Dichlorodifluoromethane	1.935	85	146469	41.32	ug/L	99
3) Chloromethane	2.147	50	132992	38.33	ug/L	98
5) Vinyl chloride	2.288	62	174378	42.40	ug/L	95
6) Bromomethane	2.694	94	108590	48.33	ug/L	98
8) Chloroethane	2.841	64	114067	41.32	ug/L	98
9) Trichlorofluoromethane	3.176	101	243546	44.21	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	152781	44.25	ug/L	99
12) 1,1-Dichloroethene	3.941	96	132142	44.55	ug/L	90
13) Acetone	4.023	43	43757	73.86	ug/L	74
14) Carbon disulfide	4.270	76	430111	43.07	ug/L	97
15) Methyl Acetate	4.564	43	59054	41.25	ug/L #	81
16) Methylene chloride	4.800	84	147128	30.46	ug/L	90
17) trans-1,2-Dichloroethene	5.311	96	147865	44.81	ug/L	93
18) Methyl tert-butyl Ether	5.317	73	298909	46.62	ug/L	99
19) 1,1-Dichloroethane	6.111	63	250197	43.63	ug/L	99
20) cis-1,2-Dichloroethene	7.082	96	161600	46.17	ug/L	95
22) 2-Butanone	7.082	43	73080	90.34	ug/L	100
23) Bromochloromethane	7.423	128	81088	44.74	ug/L	94
25) Chloroform	7.594	83	281595	43.85	ug/L	90
27) 1,2-Dichloroethane	8.323	62	162928	44.45	ug/L	99
29) Cyclohexane	7.882	56	241515	53.90	ug/L	99
30) 1,1,1-Trichloroethane	7.794	97	233239	45.47	ug/L	98
31) Carbon tetrachloride	7.994	117	219796	45.93	ug/L	100
33) Benzene	8.252	78	582367	46.55	ug/L	100
34) Trichloroethene	9.029	95	159624	45.64	ug/L	98
35) Methylcyclohexane	9.276	83	263177	51.12	ug/L	98
37) 1,2-Dichloropropane	9.305	63	155836	45.34	ug/L	99
38) Bromodichloromethane	9.582	83	202838	45.56	ug/L	99
39) cis-1,3-Dichloropropene	10.017	75	245326	48.07	ug/L	98
40) 4-Methyl-2-pentanone	10.158	43	175349	101.19	ug/L	98
42) Toluene	10.335	91	668214	48.79	ug/L	95
44) trans-1,3-Dichloropropene	10.552	75	213096	48.41	ug/L	98

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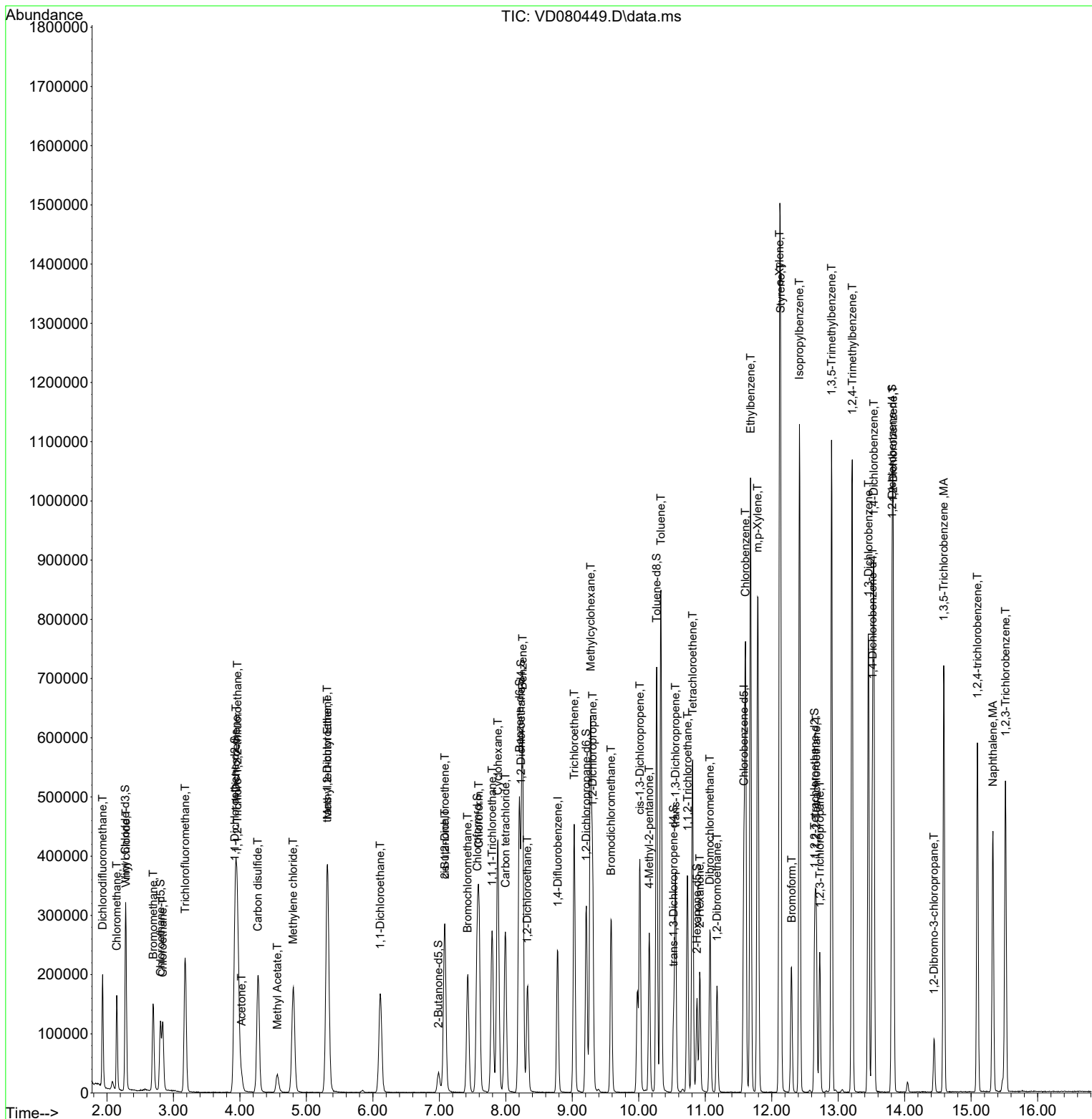
Quant Time: Jun 19 08:38:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061825SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jun 19 08:34:52 2025
 Response via : Initial Calibration

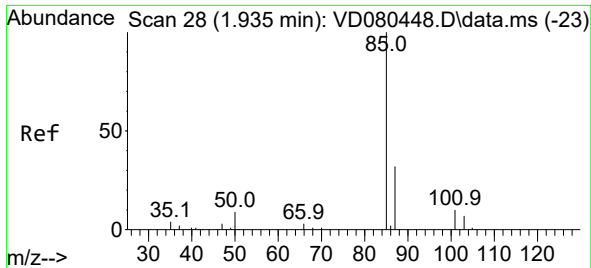
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.735	97	127351	45.41	ug/L	97
46) Tetrachloroethene	10.811	164	144338	47.09	ug/L	99
48) 2-Hexanone	10.917	43	125960	99.34	ug/L	96
49) Dibromochloromethane	11.070	129	154034	46.09	ug/L	100
50) 1,2-Dibromoethane	11.176	107	121528	45.88	ug/L #	95
51) Chlorobenzene	11.605	112	428287	45.80	ug/L	99
52) Ethylbenzene	11.682	91	732183	49.82	ug/L	99
53) m,p-Xylene	11.788	106	285082	50.14	ug/L	93
54) o-Xylene	12.117	106	274340	50.42	ug/L	97
55) Styrene	12.135	104	493336	50.87	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.670	83	149135	45.80	ug/L	96
59) Bromoform	12.299	173	105802	43.60	ug/L	99
60) Isopropylbenzene	12.417	105	743903	48.67	ug/L	99
61) 1,2,3-Trichloropropane	12.723	75	99478	41.73	ug/L	100
62) 1,3,5-Trimethylbenzene	12.899	105	587487	49.24	ug/L	99
63) 1,2,4-Trimethylbenzene	13.211	105	582903	49.42	ug/L	100
64) 1,3-Dichlorobenzene	13.458	146	353270	44.21	ug/L	99
65) 1,4-Dichlorobenzene	13.535	146	372156	44.84	ug/L	99
67) 1,2-Dichlorobenzene	13.829	146	325869	43.94	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.440	75	23485	43.49	ug/L	87
69) 1,3,5-Trichlorobenzene	14.587	180	243387	44.37	ug/L	99
70) 1,2,4-trichlorobenzene	15.093	180	205647	44.54	ug/L	99
71) Naphthalene	15.329	128	392994	47.91	ug/L	99
72) 1,2,3-Trichlorobenzene	15.517	180	197100	46.13	ug/L	99

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

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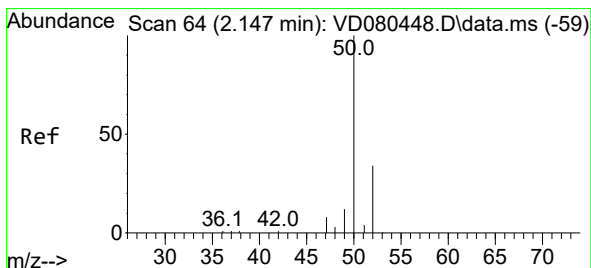
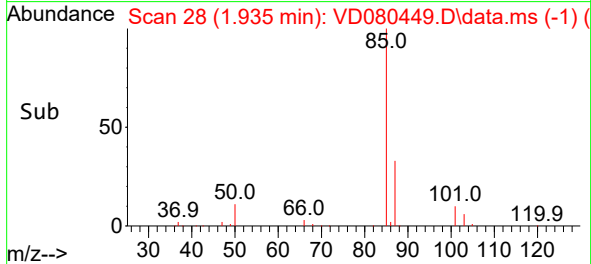
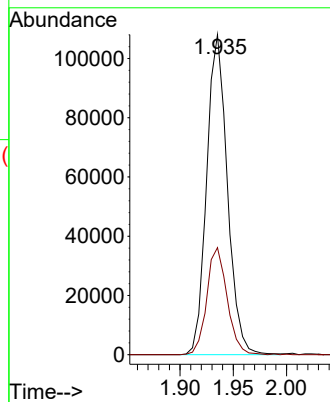
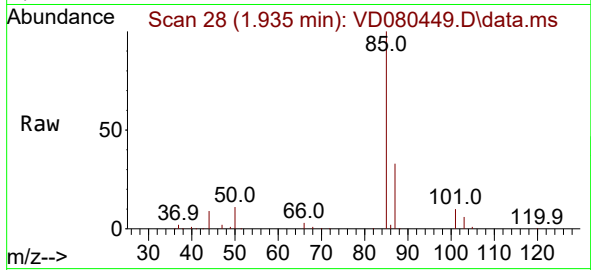




#2
Dichlorodifluoromethane
Concen: 41.32 ug/L
RT: 1.935 min Scan# 28
Delta R.T. 0.000 min
Lab File: VD080449.D
Acq: 18 Jun 2025 10:54

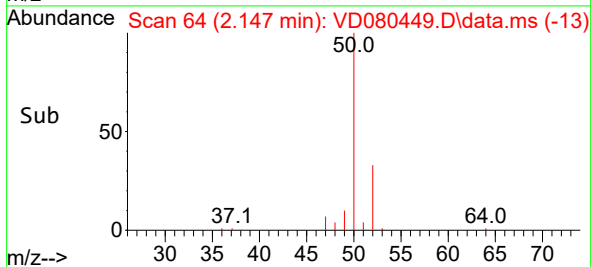
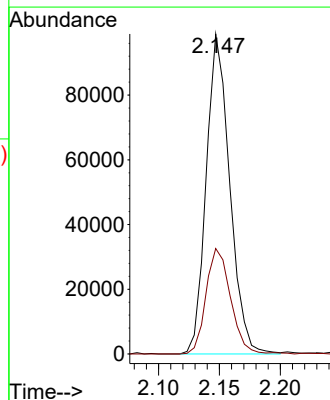
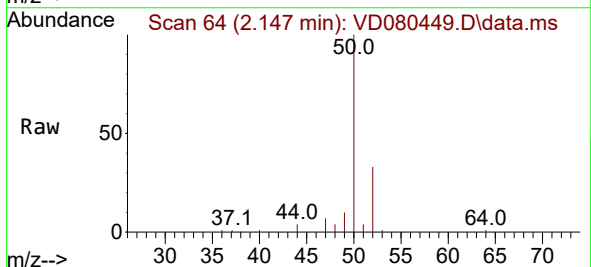
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MSVOA_D
ClientSampleId :
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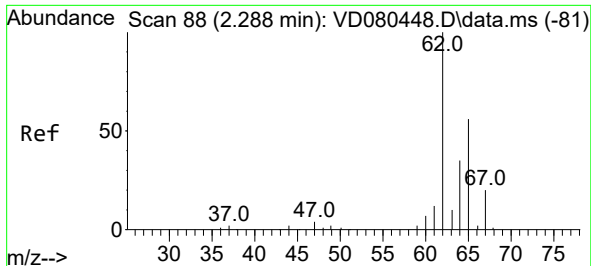
Tgt Ion: 85 Resp: 146469
Ion Ratio Lower Upper
85 100
87 32.9 25.9 38.9



#3
Chloromethane
Concen: 38.33 ug/L
RT: 2.147 min Scan# 64
Delta R.T. 0.000 min
Lab File: VD080449.D
Acq: 18 Jun 2025 10:54

Tgt Ion: 50 Resp: 132992
Ion Ratio Lower Upper
50 100
52 32.9 23.8 44.2

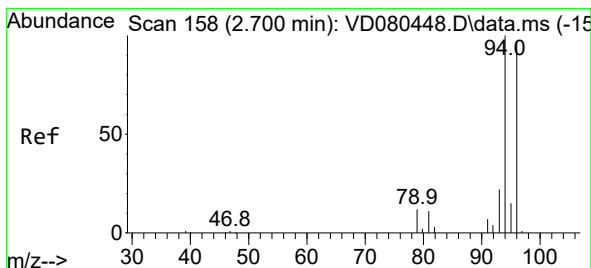
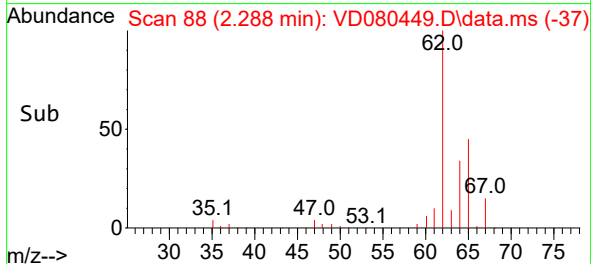
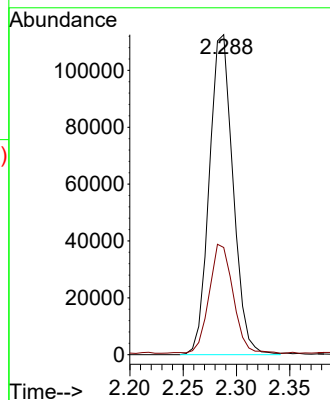
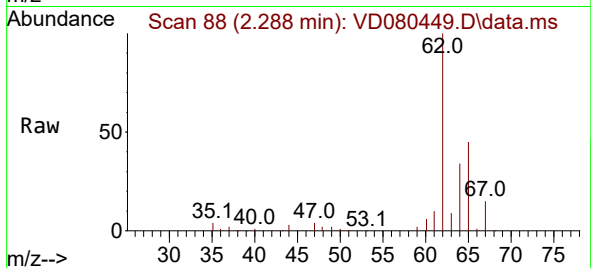




#5
 Vinyl chloride
 Concen: 42.40 ug/L
 RT: 2.288 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VD080449.D
 Acq: 18 Jun 2025 10:54

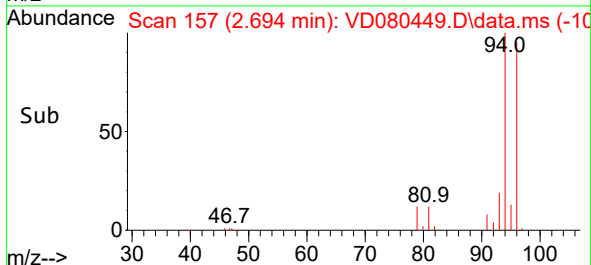
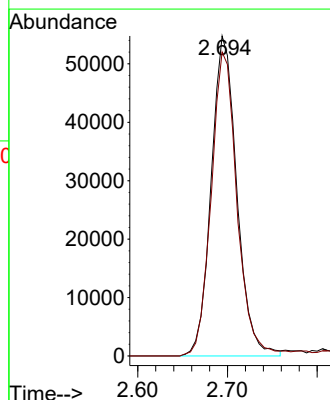
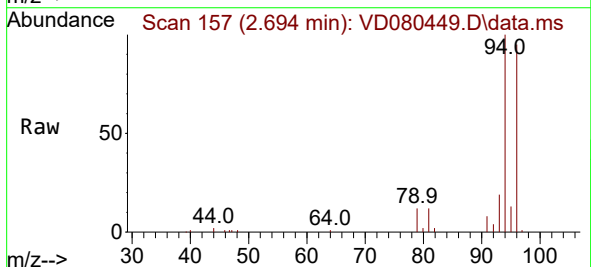
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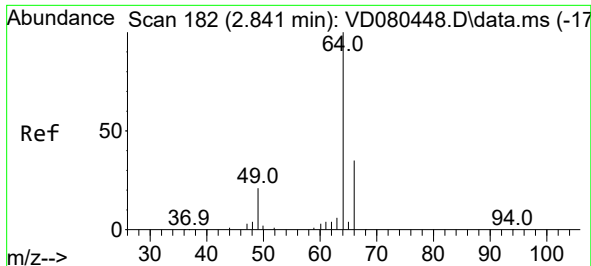
Tgt Ion: 62 Resp: 174378
 Ion Ratio Lower Upper
 62 100
 64 33.5 25.6 47.6



#6
 Bromomethane
 Concen: 48.33 ug/L
 RT: 2.694 min Scan# 157
 Delta R.T. -0.006 min
 Lab File: VD080449.D
 Acq: 18 Jun 2025 10:54

Tgt Ion: 94 Resp: 108590
 Ion Ratio Lower Upper
 94 100
 96 95.0 67.6 125.6

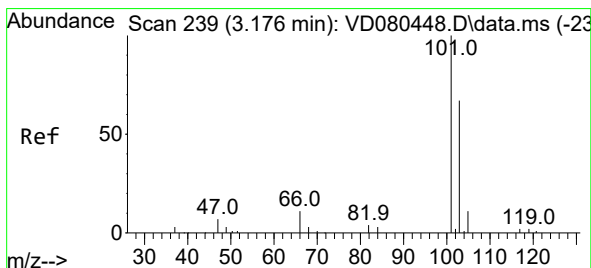
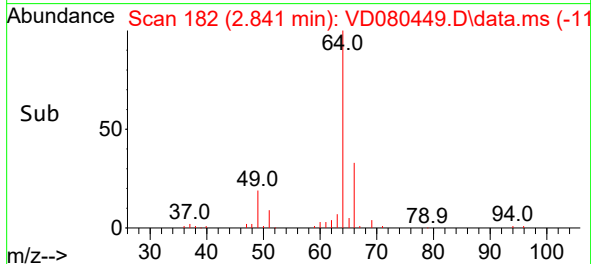
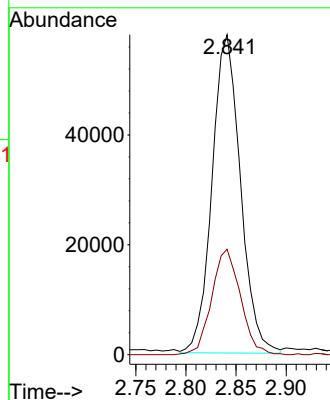
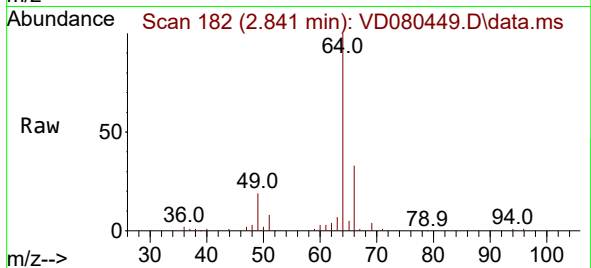




#8
Chloroethane
Concen: 41.32 ug/L
RT: 2.841 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD080449.D
Acq: 18 Jun 2025 10:54

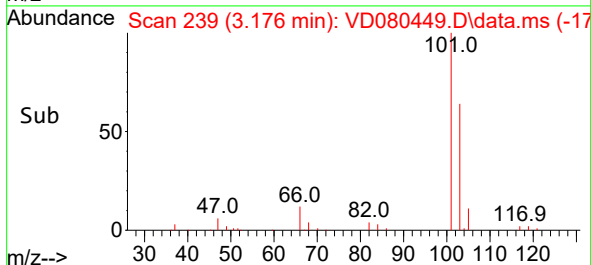
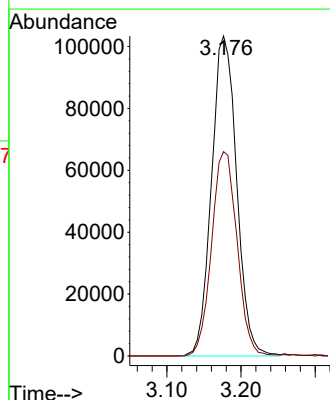
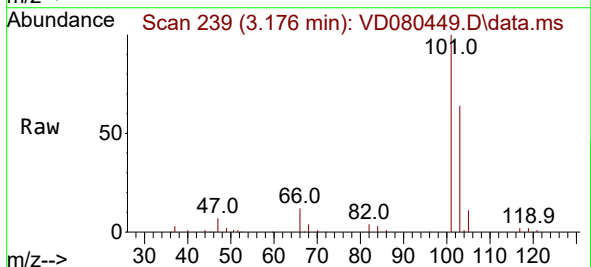
Instrument :
MSVOA_D
ClientSampleId :
VSTD050885

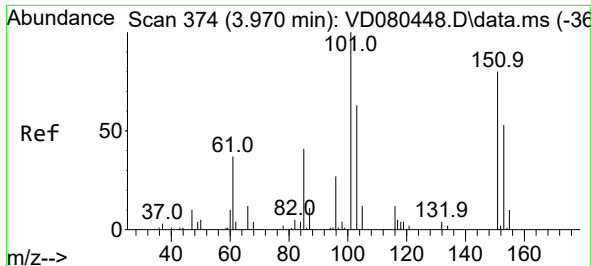
Tgt Ion: 64 Resp: 114067
Ion Ratio Lower Upper
64 100
66 33.0 23.9 44.3



#9
Trichlorofluoromethane
Concen: 44.21 ug/L
RT: 3.176 min Scan# 239
Delta R.T. 0.000 min
Lab File: VD080449.D
Acq: 18 Jun 2025 10:54

Tgt Ion:101 Resp: 243546
Ion Ratio Lower Upper
101 100
103 64.6 51.0 76.4

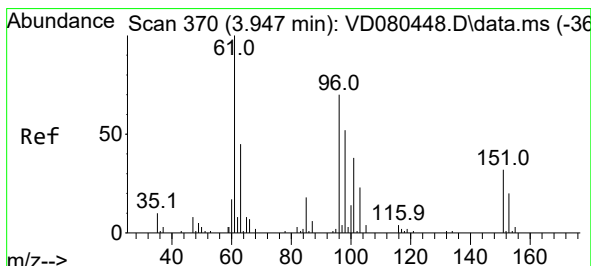
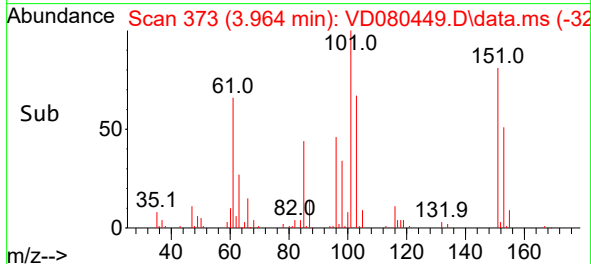
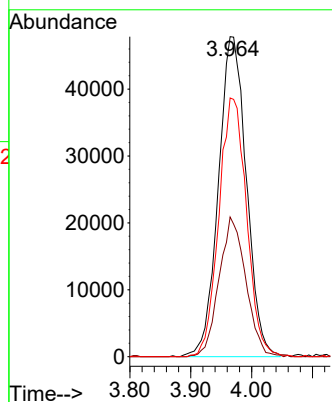
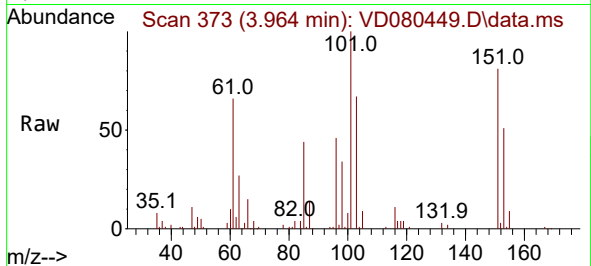




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 44.25 ug/L
RT: 3.964 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD080449.D
Acq: 18 Jun 2025 10:54

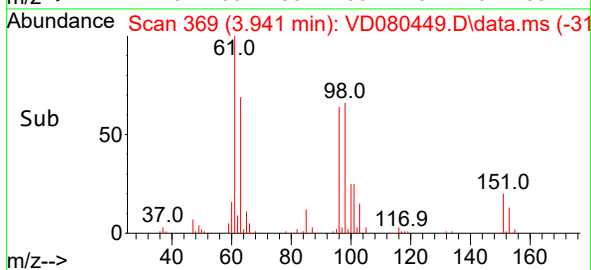
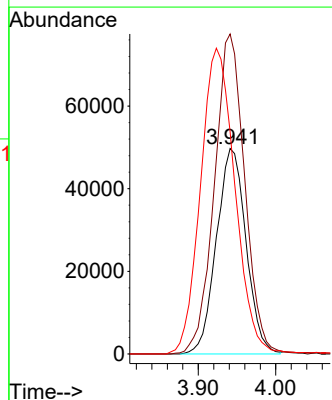
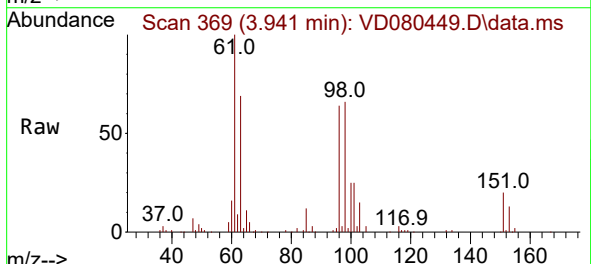
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ClientSampleId :
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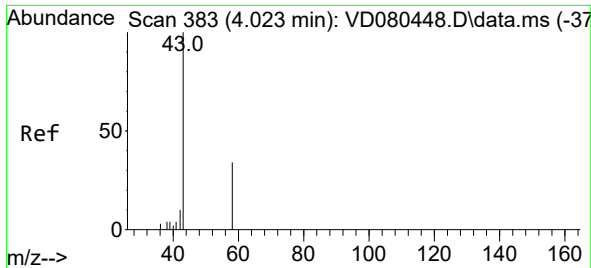
Tgt Ion:101 Resp: 152781
Ion Ratio Lower Upper
101 100
85 41.7 32.0 48.0
151 80.0 63.7 95.5



#12
1,1-Dichloroethene
Concen: 44.55 ug/L
RT: 3.941 min Scan# 369
Delta R.T. -0.006 min
Lab File: VD080449.D
Acq: 18 Jun 2025 10:54

Tgt Ion: 96 Resp: 132142
Ion Ratio Lower Upper
96 100
61 155.8 103.0 191.4
63 108.2 66.4 123.2





#13

Acetone

Concen: 73.86 ug/L

RT: 4.023 min Scan# 383

Delta R.T. 0.000 min

Lab File: VD080449.D

Acq: 18 Jun 2025 10:54

Instrument :

MSVOA_D

ClientSampleId :

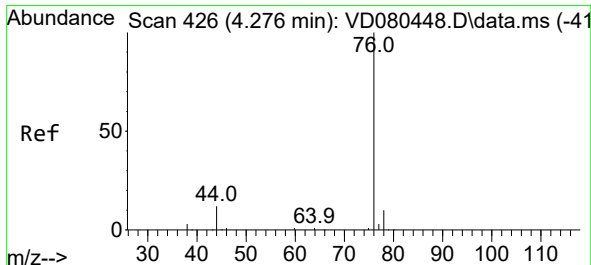
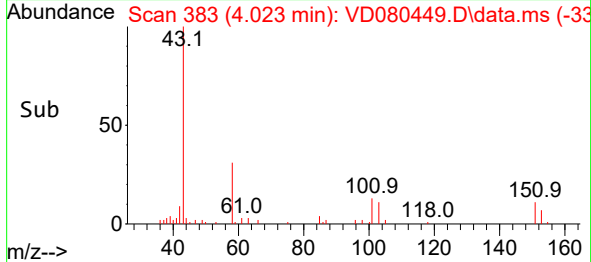
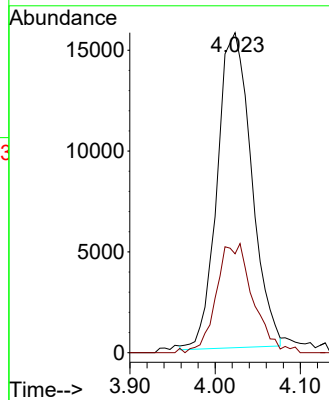
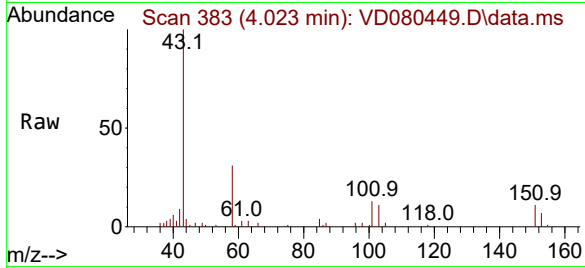
VSTD050885

Tgt Ion: 43 Resp: 43757

Ion Ratio Lower Upper

43 100

58 20.2 0.0 71.0



#14

Carbon disulfide

Concen: 43.07 ug/L

RT: 4.270 min Scan# 425

Delta R.T. -0.006 min

Lab File: VD080449.D

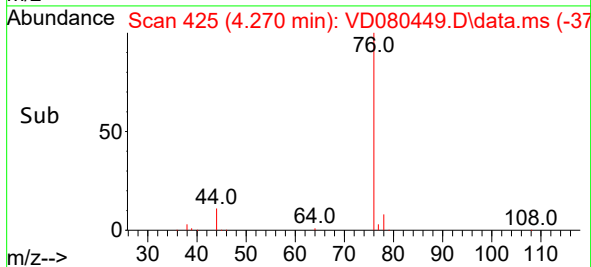
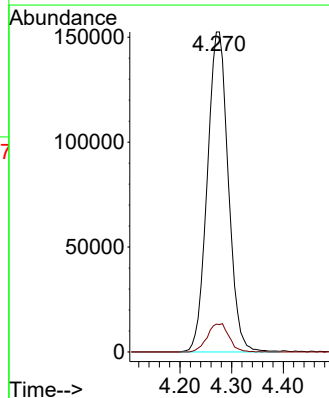
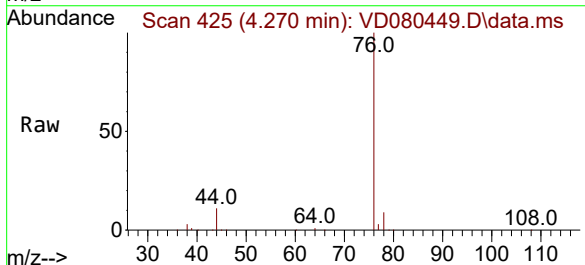
Acq: 18 Jun 2025 10:54

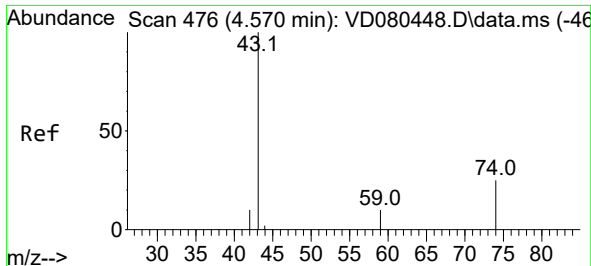
Tgt Ion: 76 Resp: 430111

Ion Ratio Lower Upper

76 100

78 8.7 7.9 11.9

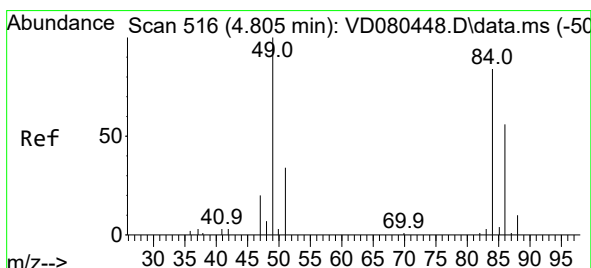
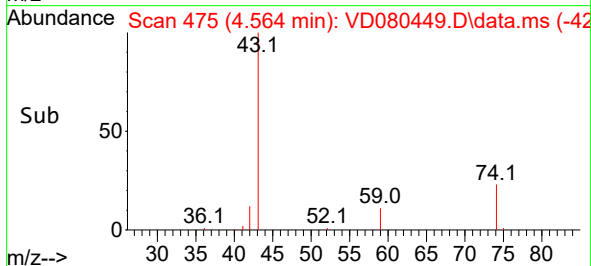
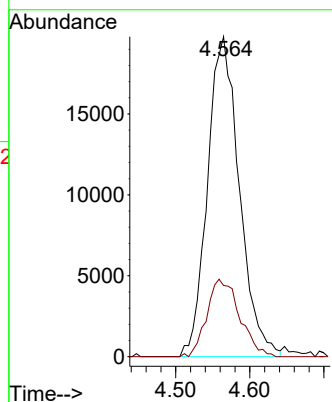
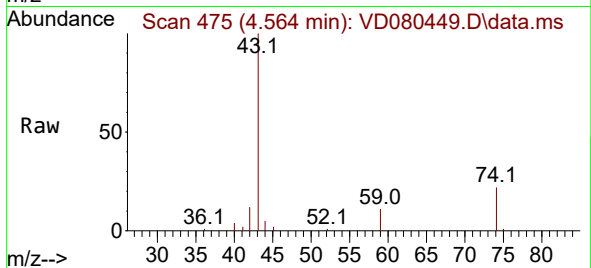




#15
Methyl Acetate
Concen: 41.25 ug/L
RT: 4.564 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD080449.D
Acq: 18 Jun 2025 10:54

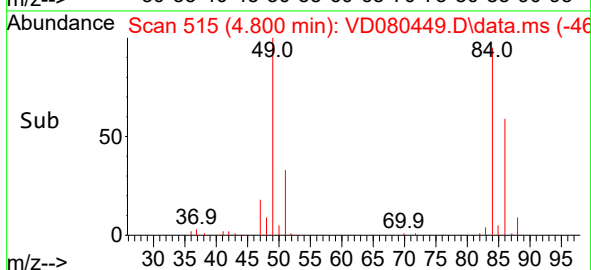
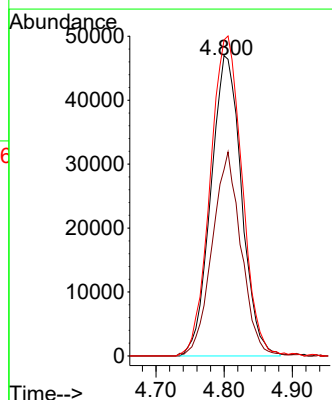
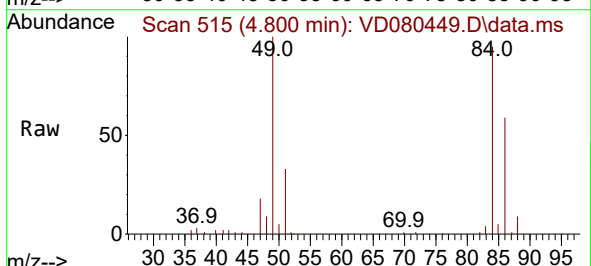
Instrument :
MSVOA_D
ClientSampleId :
VSTD050885

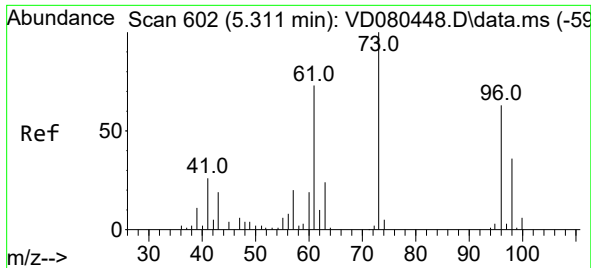
Tgt Ion: 43 Resp: 59054
Ion Ratio Lower Upper
43 100
74 16.0 20.3 30.5#



#16
Methylene chloride
Concen: 30.46 ug/L
RT: 4.800 min Scan# 515
Delta R.T. -0.006 min
Lab File: VD080449.D
Acq: 18 Jun 2025 10:54

Tgt Ion: 84 Resp: 147128
Ion Ratio Lower Upper
84 100
86 62.1 46.7 86.7
49 105.2 83.0 154.1

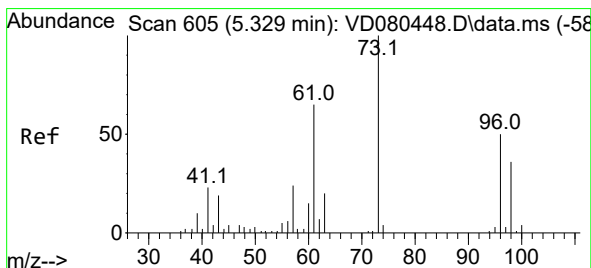
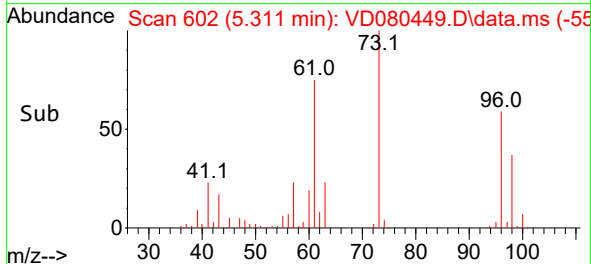
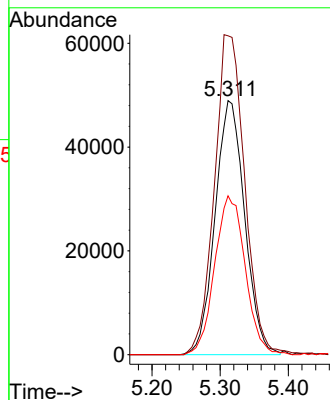
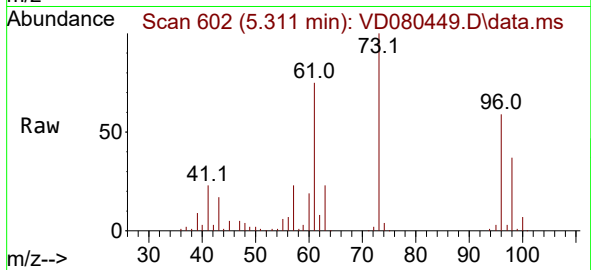




#17
trans-1,2-Dichloroethene
Concen: 44.81 ug/L
RT: 5.311 min Scan# 602
Delta R.T. 0.000 min
Lab File: VD080449.D
Acq: 18 Jun 2025 10:54

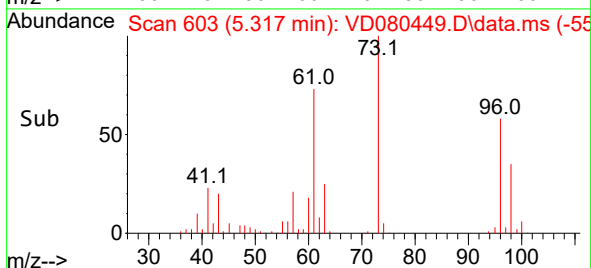
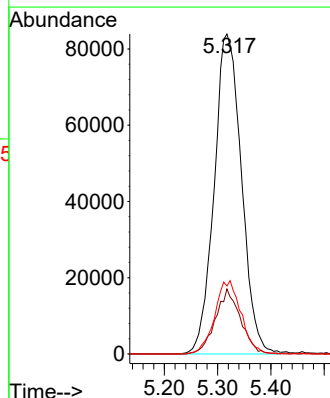
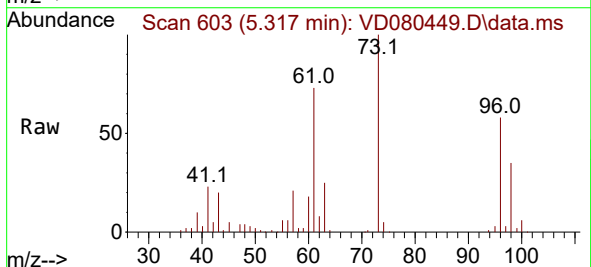
Instrument :
MSVOA_D
ClientSampleId :
VSTD050885

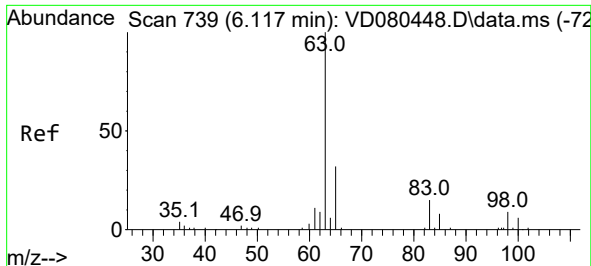
Tgt Ion: 96 Resp: 147865
Ion Ratio Lower Upper
96 100
61 125.5 82.0 152.2
98 62.5 40.3 74.8



#18
Methyl tert-butyl Ether
Concen: 46.62 ug/L
RT: 5.317 min Scan# 603
Delta R.T. -0.012 min
Lab File: VD080449.D
Acq: 18 Jun 2025 10:54

Tgt Ion: 73 Resp: 298909
Ion Ratio Lower Upper
73 100
43 18.6 15.8 23.8
57 22.0 17.6 26.4





#19

1,1-Dichloroethane

Concen: 43.63 ug/L

RT: 6.111 min Scan# 738

Delta R.T. -0.006 min

Lab File: VD080449.D

Acq: 18 Jun 2025 10:54

Instrument :

MSVOA_D

ClientSampleId :

VSTD050885

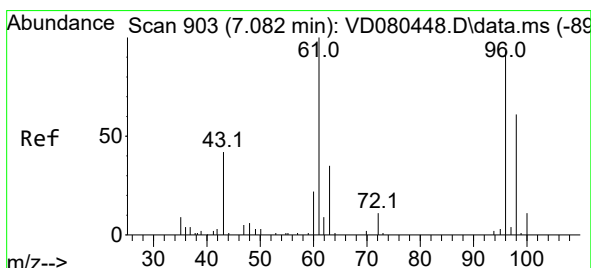
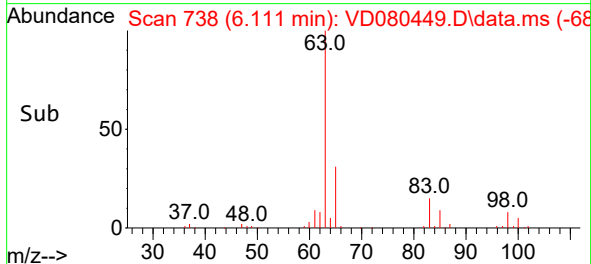
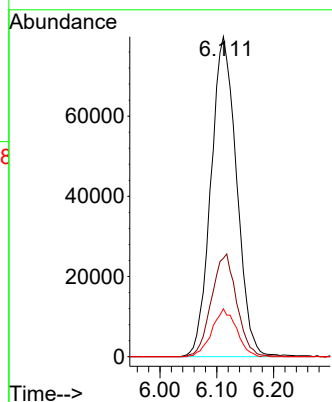
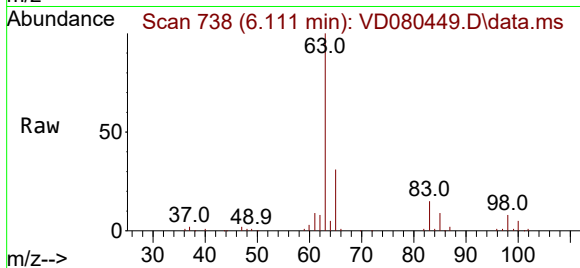
Tgt Ion: 63 Resp: 250197

Ion Ratio Lower Upper

63 100

65 30.8 22.0 41.0

83 15.0 10.8 20.0



#20

cis-1,2-Dichloroethene

Concen: 46.17 ug/L

RT: 7.082 min Scan# 903

Delta R.T. 0.000 min

Lab File: VD080449.D

Acq: 18 Jun 2025 10:54

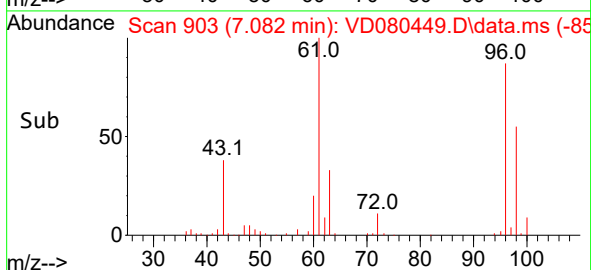
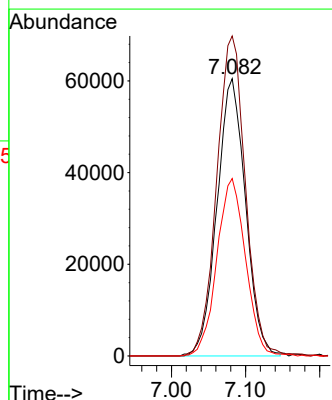
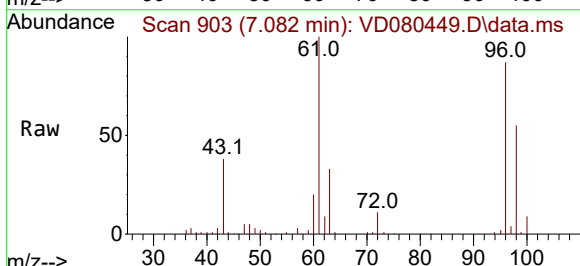
Tgt Ion: 96 Resp: 161600

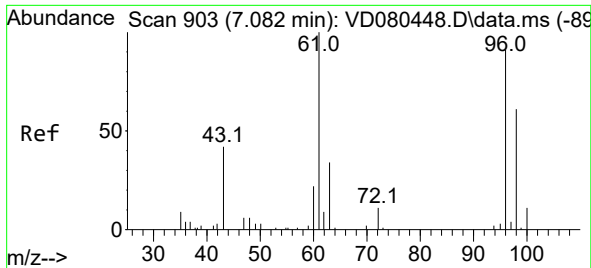
Ion Ratio Lower Upper

96 100

61 115.4 75.8 140.8

98 64.0 45.9 85.3

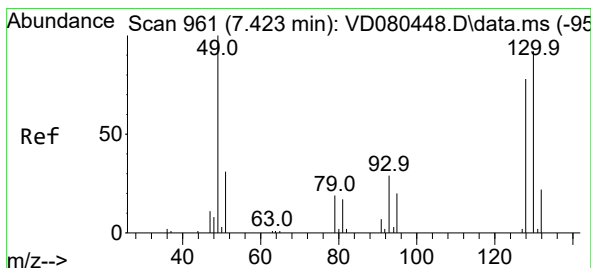
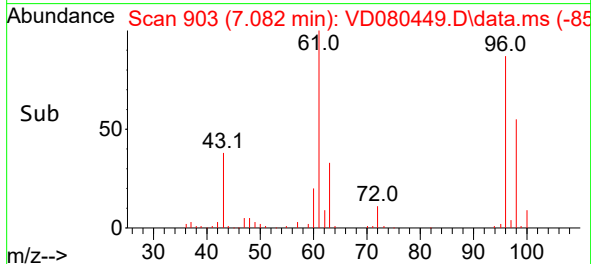
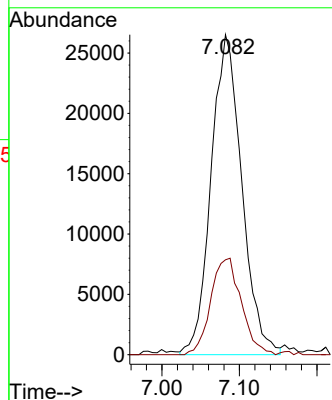
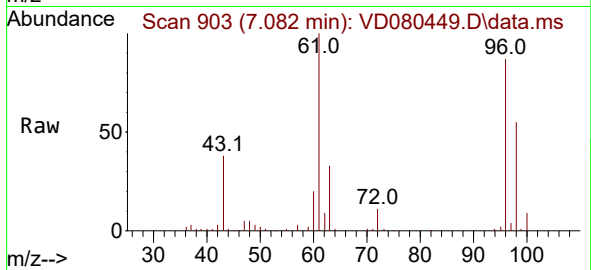




#22
2-Butanone
Concen: 90.34 ug/L
RT: 7.082 min Scan# 903
Delta R.T. 0.000 min
Lab File: VD080449.D
Acq: 18 Jun 2025 10:54

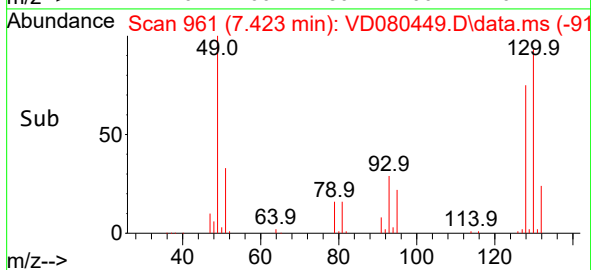
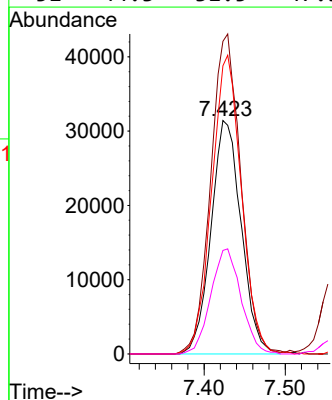
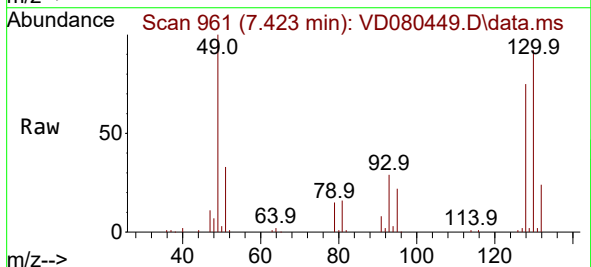
Instrument :
MSVOA_D
ClientSampleId :
VSTD050885

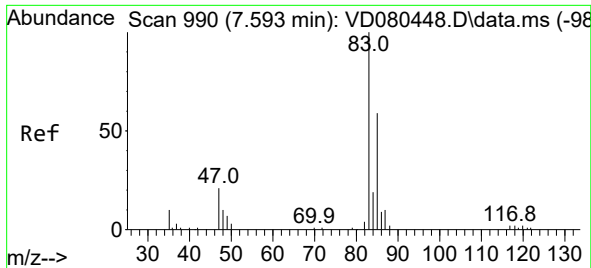
Tgt Ion: 43 Resp: 73080
Ion Ratio Lower Upper
43 100
72 29.9 14.9 44.5



#23
Bromochloromethane
Concen: 44.74 ug/L
RT: 7.423 min Scan# 961
Delta R.T. 0.000 min
Lab File: VD080449.D
Acq: 18 Jun 2025 10:54

Tgt Ion:128 Resp: 81088
Ion Ratio Lower Upper
128 100
49 133.9 89.5 166.3
130 123.4 82.5 153.1
51 44.3 31.5 47.3

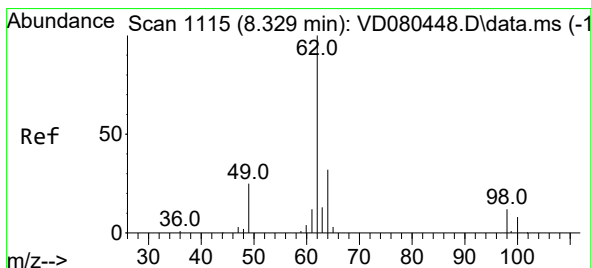
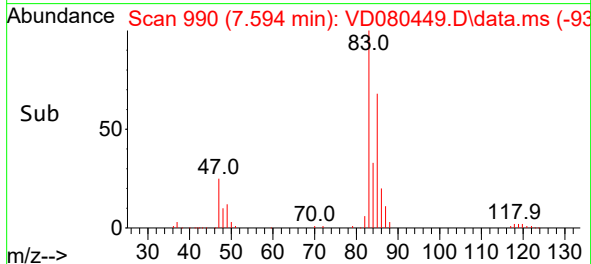
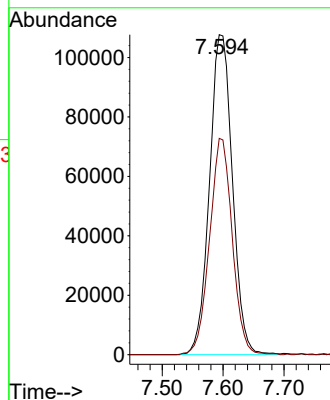
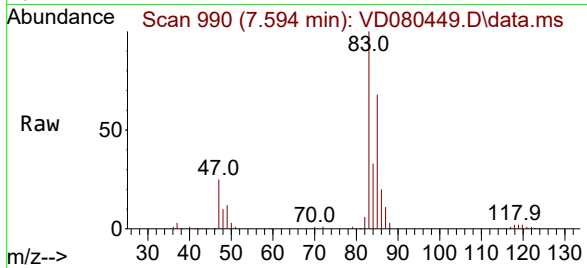




#25
Chloroform
Concen: 43.85 ug/L
RT: 7.594 min Scan# 990
Delta R.T. 0.000 min
Lab File: VD080449.D
Acq: 18 Jun 2025 10:54

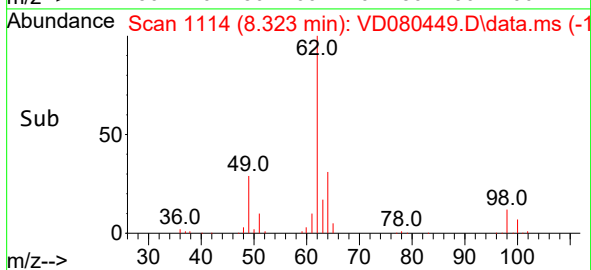
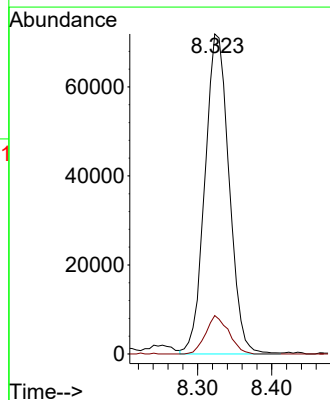
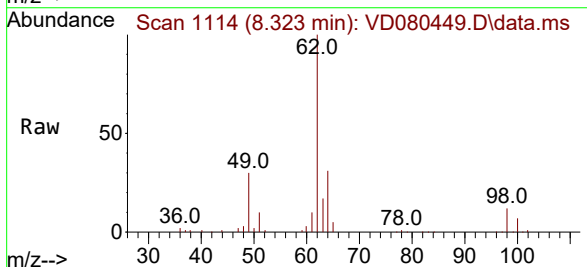
Instrument :
MSVOA_D
ClientSampleId :
VSTD050885

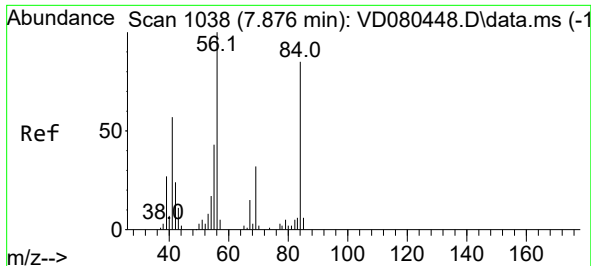
Tgt Ion: 83 Resp: 281595
Ion Ratio Lower Upper
83 100
85 67.6 42.0 78.0



#27
1,2-Dichloroethane
Concen: 44.45 ug/L
RT: 8.323 min Scan# 1114
Delta R.T. -0.006 min
Lab File: VD080449.D
Acq: 18 Jun 2025 10:54

Tgt Ion: 62 Resp: 162928
Ion Ratio Lower Upper
62 100
98 12.0 9.4 14.2





#29

Cyclohexane

Concen: 53.90 ug/L

RT: 7.882 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VD080449.D

Acq: 18 Jun 2025 10:54

Instrument :

MSVOA_D

ClientSampleId :

VSTD050885

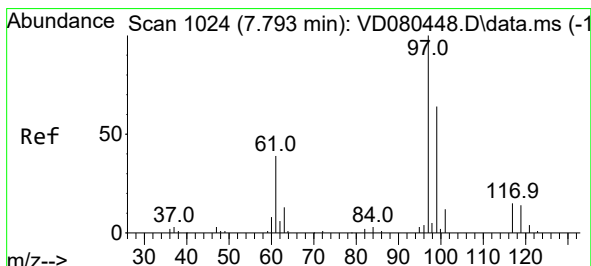
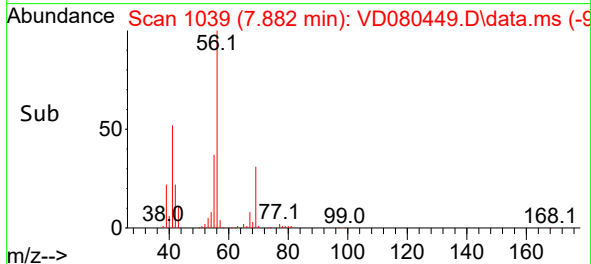
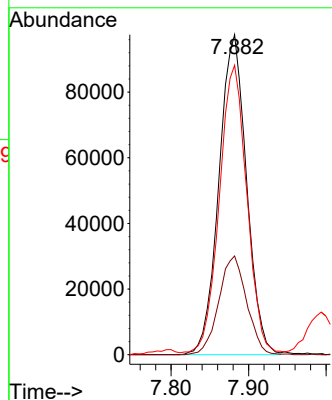
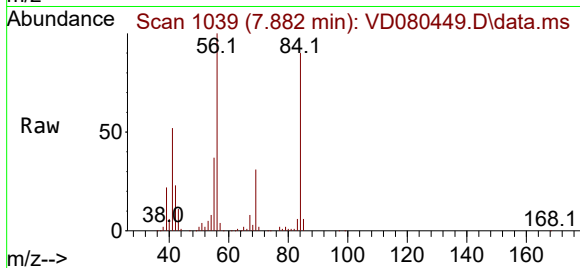
Tgt Ion: 56 Resp: 241515

Ion Ratio Lower Upper

56 100

69 31.0 25.7 38.5

84 90.6 73.4 110.0



#30

1,1,1-Trichloroethane

Concen: 45.47 ug/L

RT: 7.794 min Scan# 1024

Delta R.T. 0.000 min

Lab File: VD080449.D

Acq: 18 Jun 2025 10:54

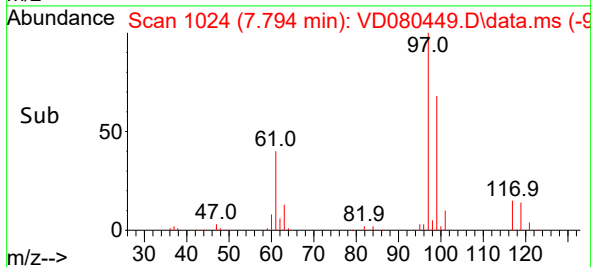
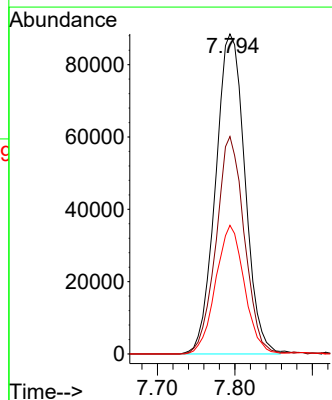
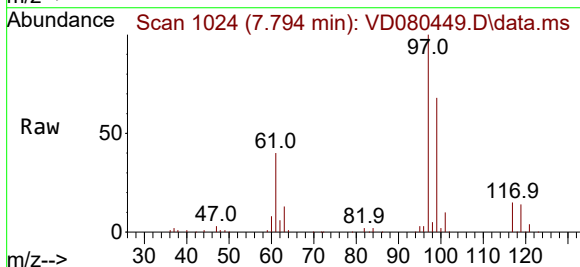
Tgt Ion: 97 Resp: 233239

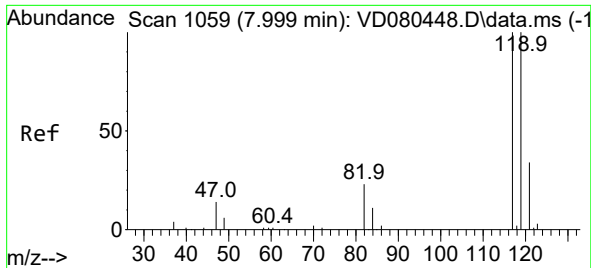
Ion Ratio Lower Upper

97 100

99 65.5 51.1 76.7

61 39.4 32.4 48.6

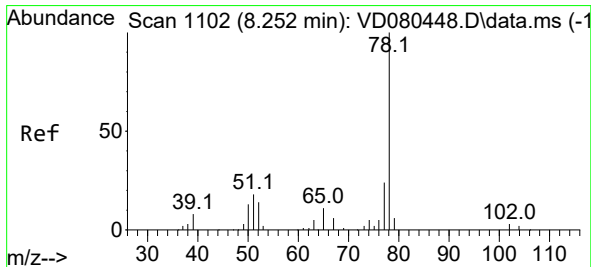
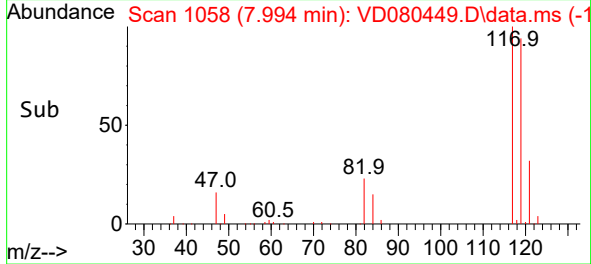
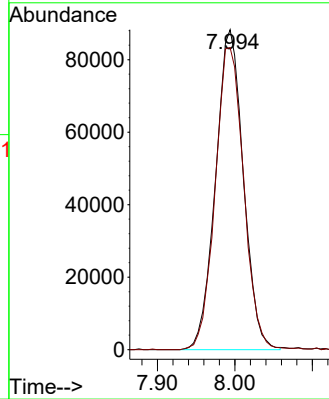
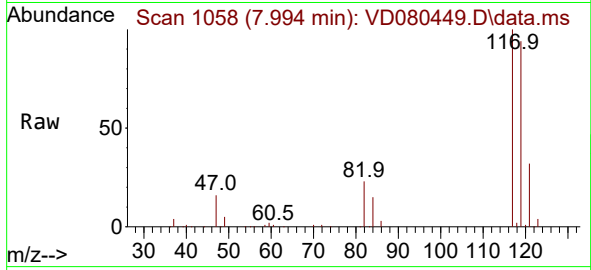




#31
Carbon tetrachloride
Concen: 45.93 ug/L
RT: 7.994 min Scan# 1059
Delta R.T. -0.006 min
Lab File: VD080449.D
Acq: 18 Jun 2025 10:54

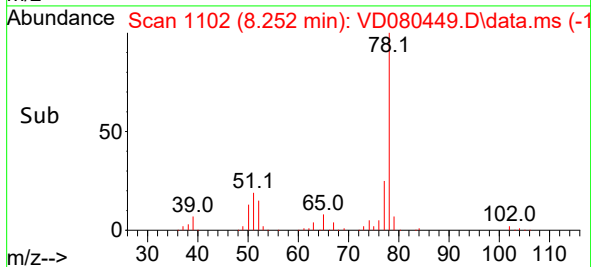
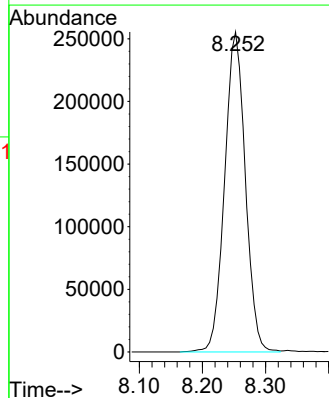
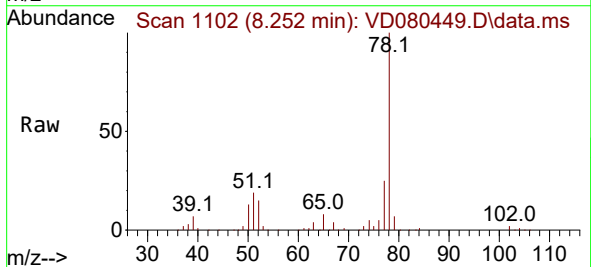
Instrument :
MSVOA_D
ClientSampleId :
VSTD050885

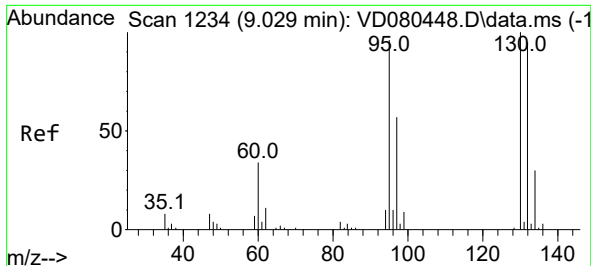
Tgt Ion:117 Resp: 219796
Ion Ratio Lower Upper
117 100
119 96.8 77.2 115.8



#33
Benzene
Concen: 46.55 ug/L
RT: 8.252 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VD080449.D
Acq: 18 Jun 2025 10:54

Tgt Ion: 78 Resp: 582367

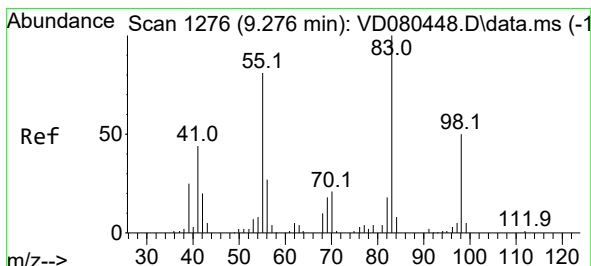
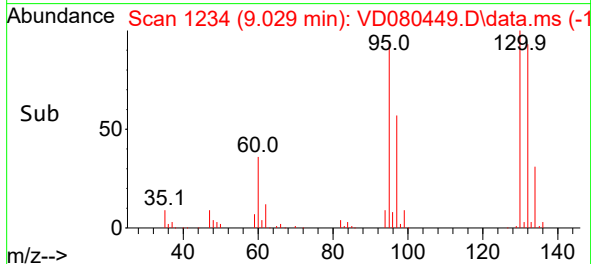
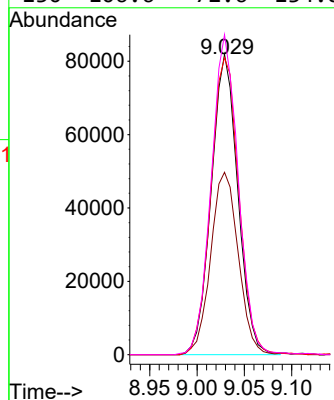
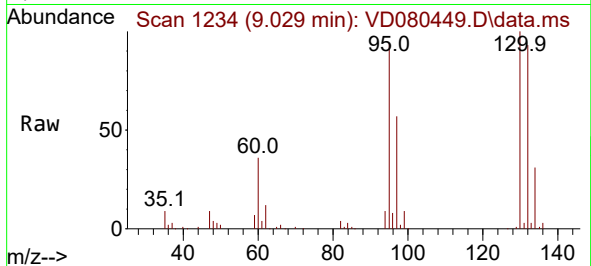




#34
Trichloroethene
Concen: 45.64 ug/L
RT: 9.029 min Scan# 1234
Delta R.T. 0.000 min
Lab File: VD080449.D
Acq: 18 Jun 2025 10:54

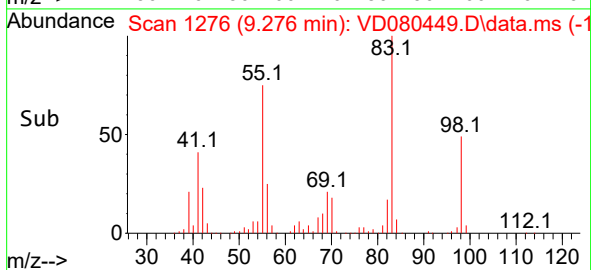
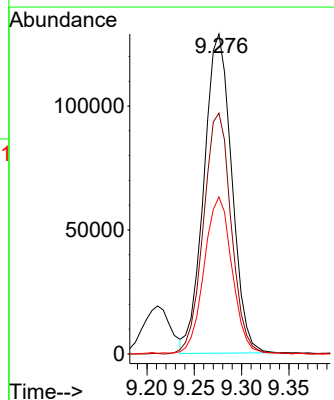
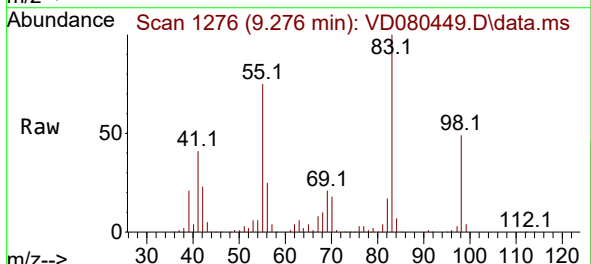
Instrument :
MSVOA_D
ClientSampleId :
VSTD050885

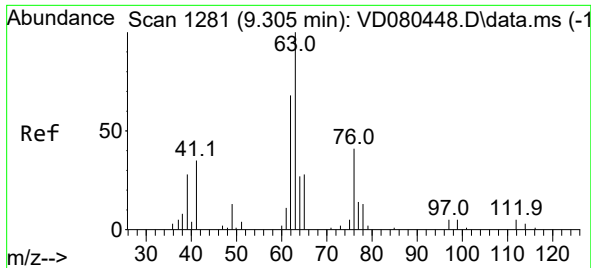
Tgt Ion: 95 Resp: 159624
Ion Ratio Lower Upper
95 100
97 60.7 41.5 77.1
132 98.9 69.1 128.3
130 106.6 72.6 134.8



#35
Methylcyclohexane
Concen: 51.12 ug/L
RT: 9.276 min Scan# 1276
Delta R.T. 0.000 min
Lab File: VD080449.D
Acq: 18 Jun 2025 10:54

Tgt Ion: 83 Resp: 263177
Ion Ratio Lower Upper
83 100
55 75.5 59.7 89.5
98 49.5 38.2 57.2

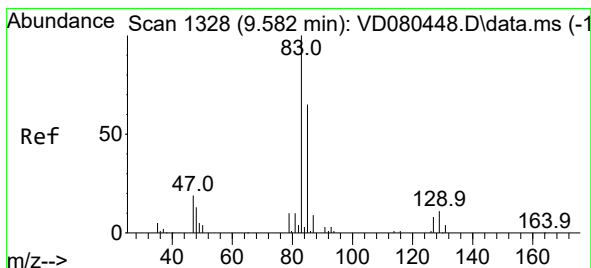
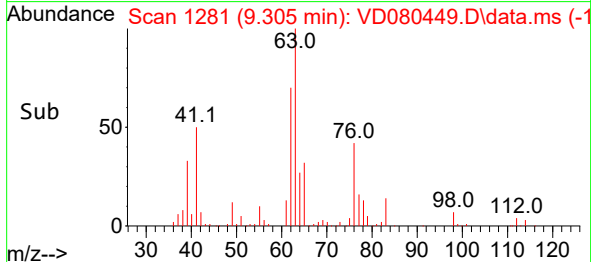
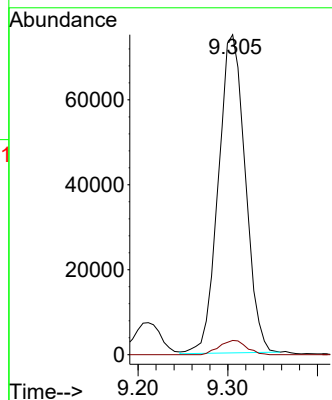
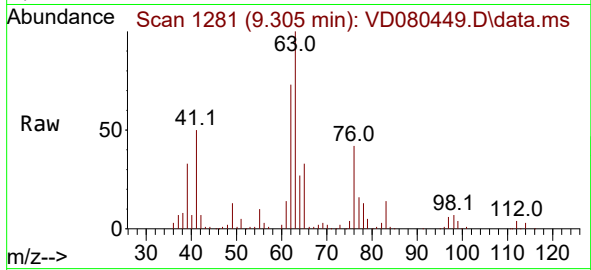




#37
1,2-Dichloropropane
Concen: 45.34 ug/L
RT: 9.305 min Scan# 1281
Delta R.T. 0.000 min
Lab File: VD080449.D
Acq: 18 Jun 2025 10:54

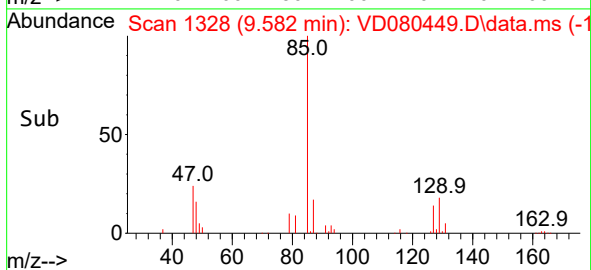
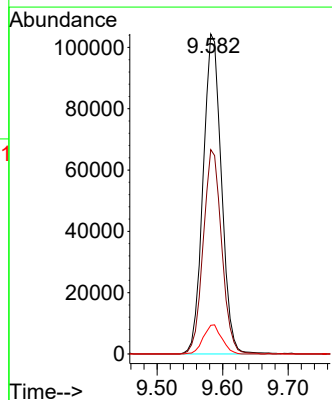
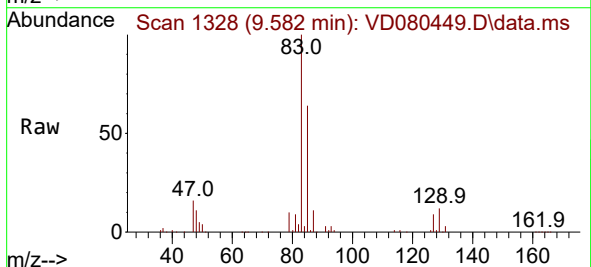
Instrument :
MSVOA_D
ClientSampleId :
VSTD050885

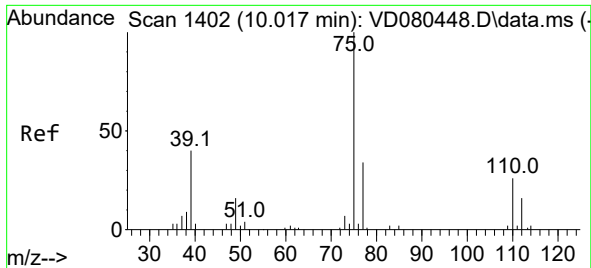
Tgt Ion: 63 Resp: 155836
Ion Ratio Lower Upper
63 100
112 4.5 3.9 5.9



#38
Bromodichloromethane
Concen: 45.56 ug/L
RT: 9.582 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VD080449.D
Acq: 18 Jun 2025 10:54

Tgt Ion: 83 Resp: 202838
Ion Ratio Lower Upper
83 100
85 63.8 45.2 84.0
127 9.0 6.2 9.4

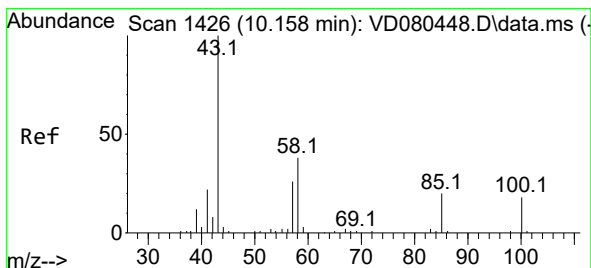
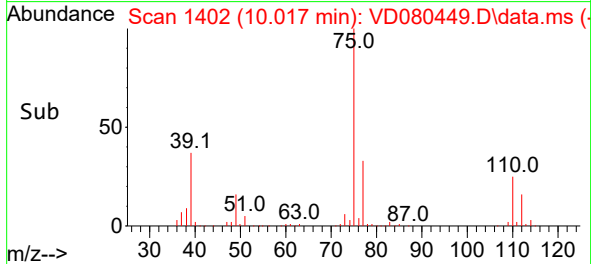
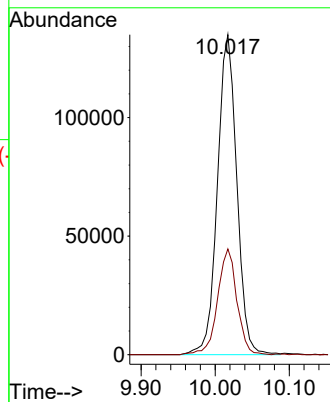
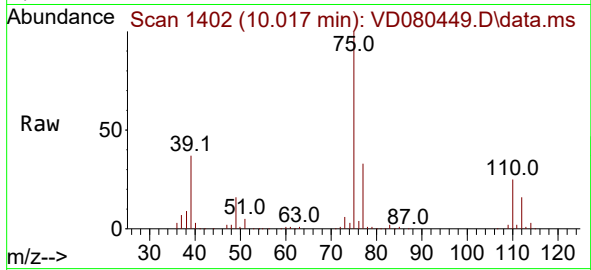




#39
 cis-1,3-Dichloropropene
 Concen: 48.07 ug/L
 RT: 10.017 min Scan# 1402
 Delta R.T. 0.000 min
 Lab File: VD080449.D
 Acq: 18 Jun 2025 10:54

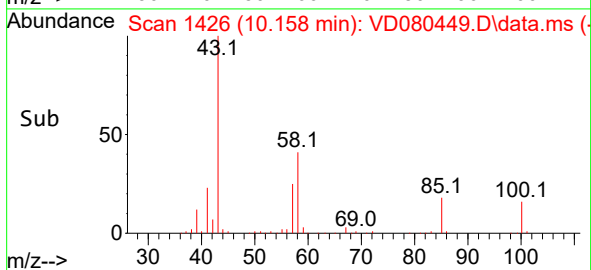
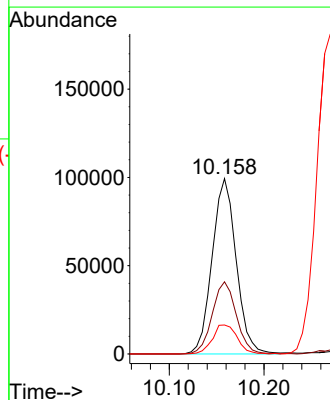
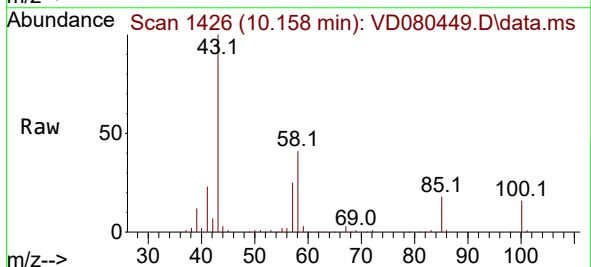
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD050885

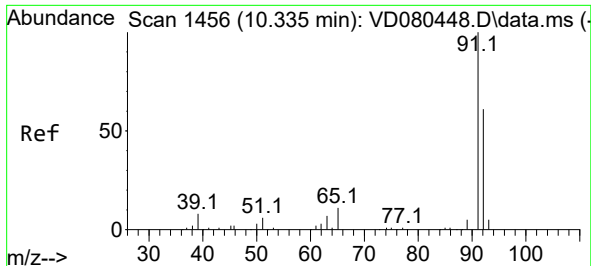
Tgt Ion: 75 Resp: 245326
 Ion Ratio Lower Upper
 75 100
 77 33.0 24.1 44.7



#40
 4-Methyl-2-pentanone
 Concen: 101.19 ug/L
 RT: 10.158 min Scan# 1426
 Delta R.T. 0.000 min
 Lab File: VD080449.D
 Acq: 18 Jun 2025 10:54

Tgt Ion: 43 Resp: 175349
 Ion Ratio Lower Upper
 43 100
 58 41.3 31.7 47.5
 100 17.1 13.4 20.0





#42

Toluene

Concen: 48.79 ug/L

RT: 10.335 min Scan# 1456

Delta R.T. 0.000 min

Lab File: VD080449.D

Acq: 18 Jun 2025 10:54

Instrument :

MSVOA_D

ClientSampleId :

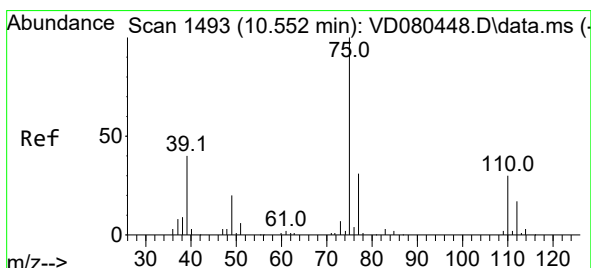
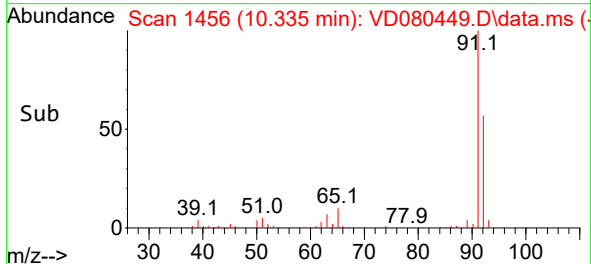
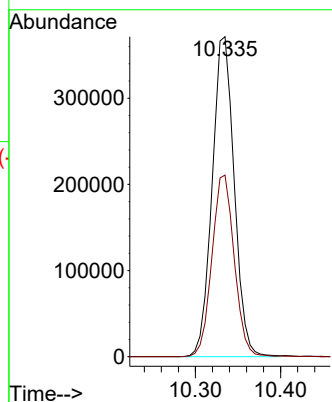
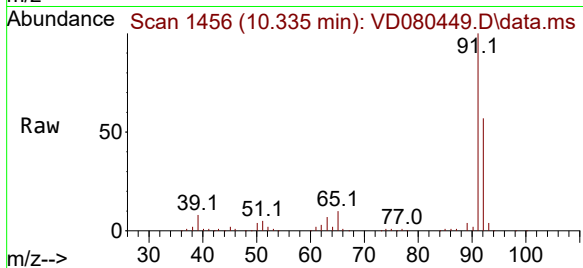
VSTD050885

Tgt Ion: 91 Resp: 668214

Ion Ratio Lower Upper

91 100

92 56.7 42.6 79.0



#44

trans-1,3-Dichloropropene

Concen: 48.41 ug/L

RT: 10.552 min Scan# 1493

Delta R.T. 0.000 min

Lab File: VD080449.D

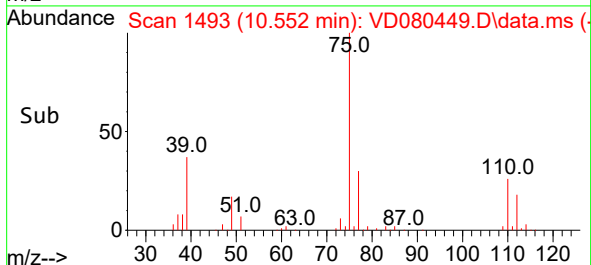
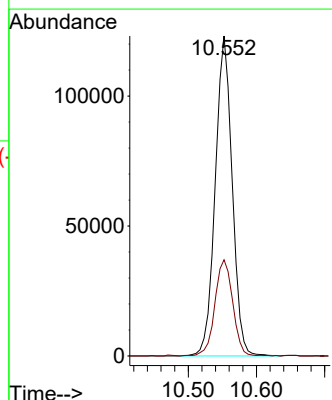
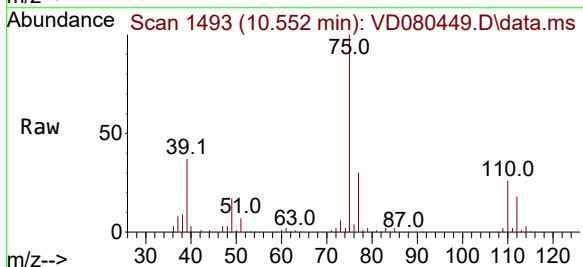
Acq: 18 Jun 2025 10:54

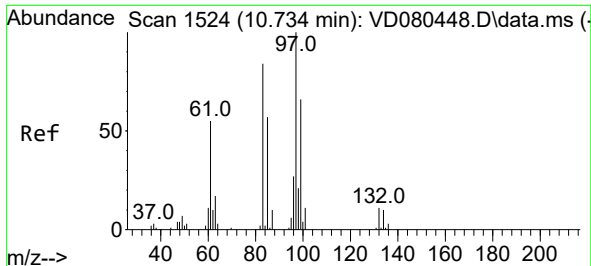
Tgt Ion: 75 Resp: 213096

Ion Ratio Lower Upper

75 100

77 30.0 21.8 40.6

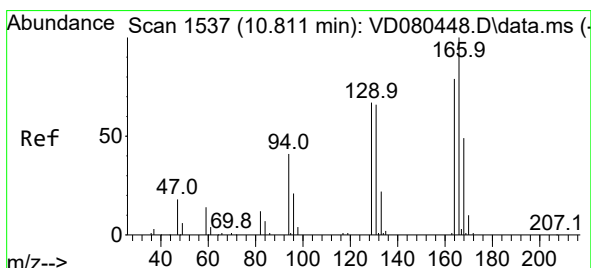
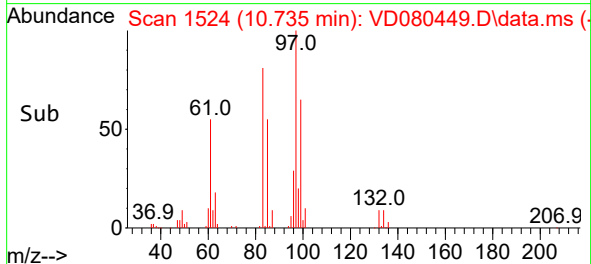
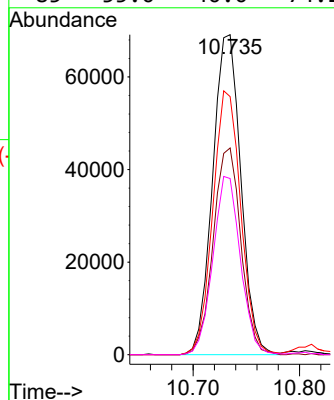
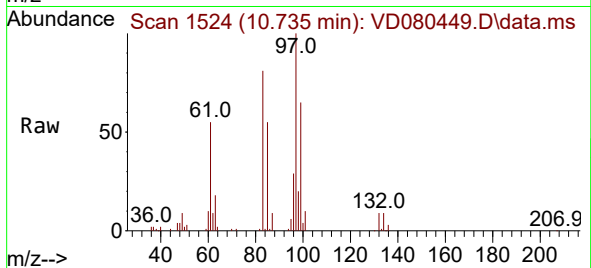




#45
1,1,2-Trichloroethane
Concen: 45.41 ug/L
RT: 10.735 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD080449.D
Acq: 18 Jun 2025 10:54

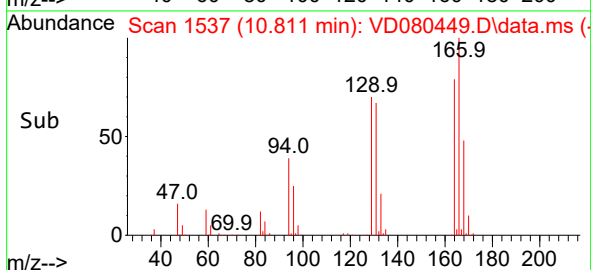
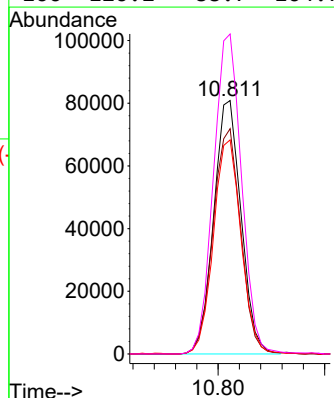
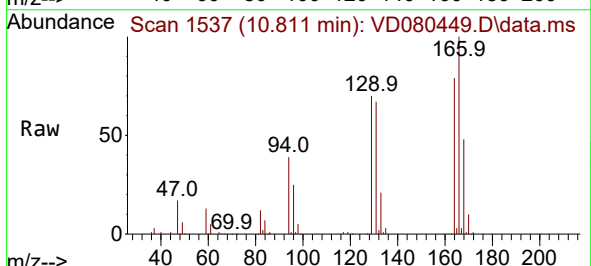
Instrument :
MSVOA_D
ClientSampleId :
VSTD050885

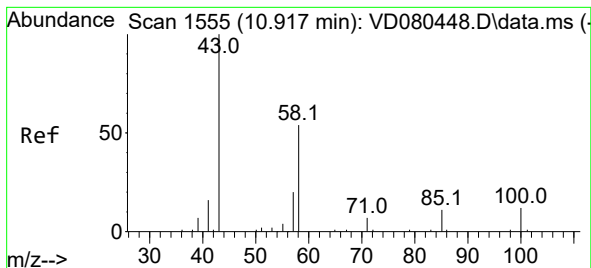
Tgt Ion: 97	Resp: 127351
Ion Ratio	Lower Upper
97 100	
99 64.6	46.5 86.3
83 80.6	58.5 108.7
85 55.0	40.0 74.2



#46
Tetrachloroethene
Concen: 47.09 ug/L
RT: 10.811 min Scan# 1537
Delta R.T. 0.000 min
Lab File: VD080449.D
Acq: 18 Jun 2025 10:54

Tgt	Ion:164	Resp:	144338
Ion	Ratio	Lower	Upper
164	100		
129	88.9	59.7	110.9
131	84.5	58.7	109.1
166	126.2	88.7	164.7





#48

2-Hexanone

Concen: 99.34 ug/L

RT: 10.917 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD080449.D

Acq: 18 Jun 2025 10:54

Instrument :

MSVOA_D

ClientSampleId :

VSTD050885

Tgt Ion: 43 Resp: 125960

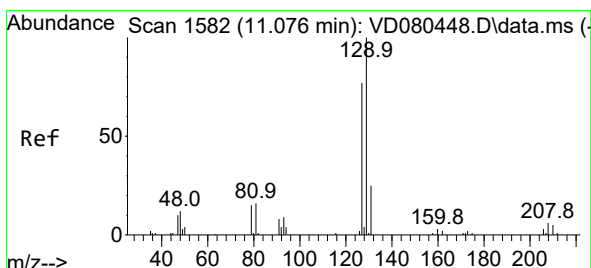
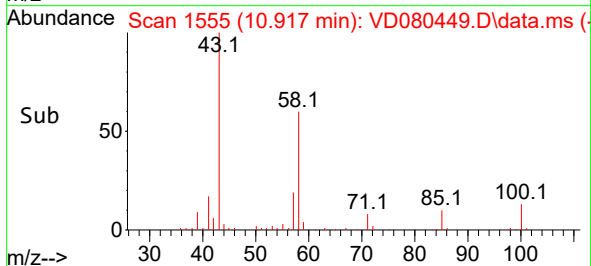
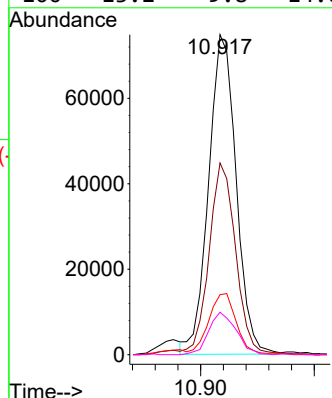
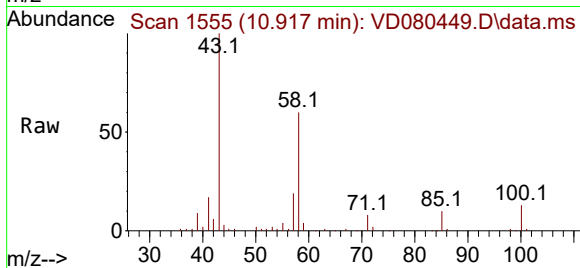
Ion Ratio Lower Upper

43 100

58 58.1 43.8 65.6

57 18.5 15.6 23.4

100 13.2 9.8 14.6



#49

Dibromochloromethane

Concen: 46.09 ug/L

RT: 11.070 min Scan# 1581

Delta R.T. -0.006 min

Lab File: VD080449.D

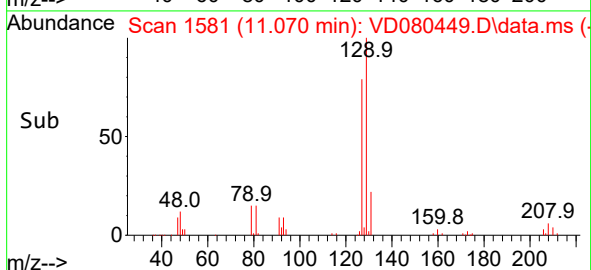
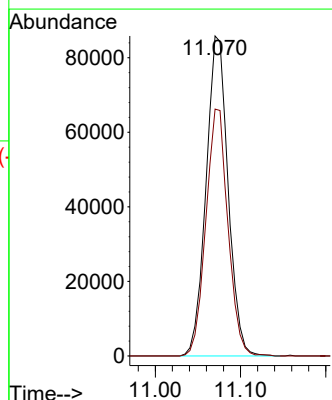
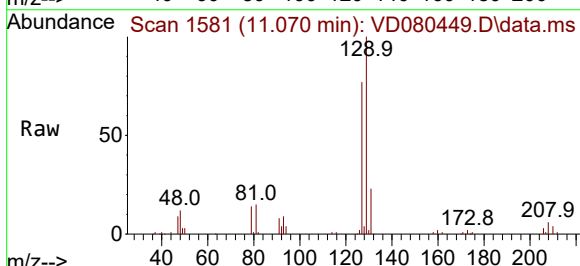
Acq: 18 Jun 2025 10:54

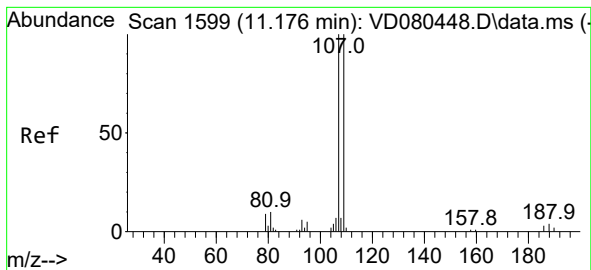
Tgt Ion:129 Resp: 154034

Ion Ratio Lower Upper

129 100

127 77.2 54.1 100.5

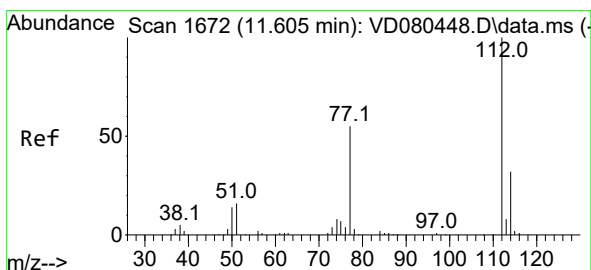
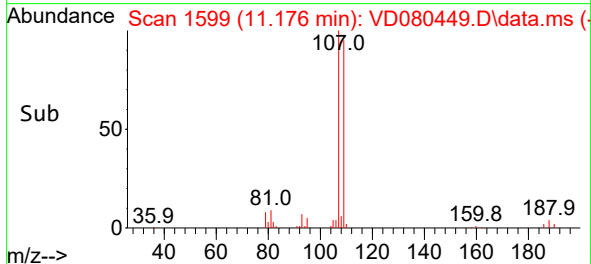
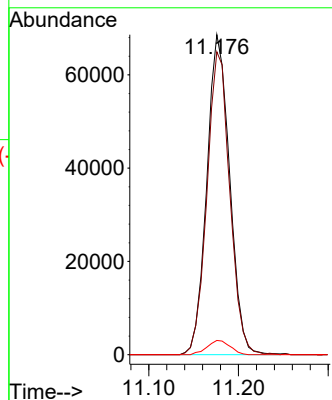
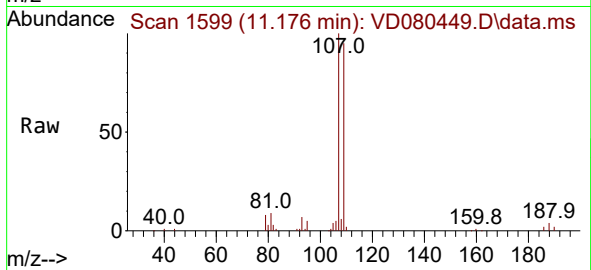




#50
1,2-Dibromoethane
Concen: 45.88 ug/L
RT: 11.176 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VD080449.D
Acq: 18 Jun 2025 10:54

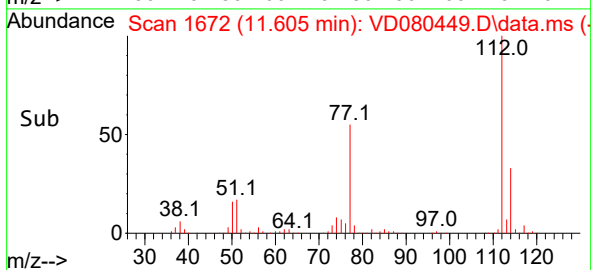
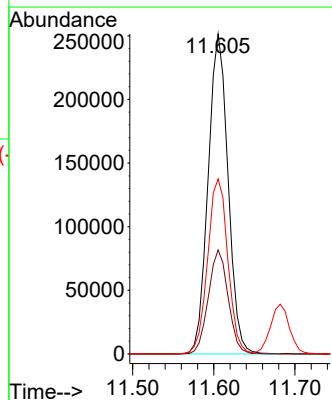
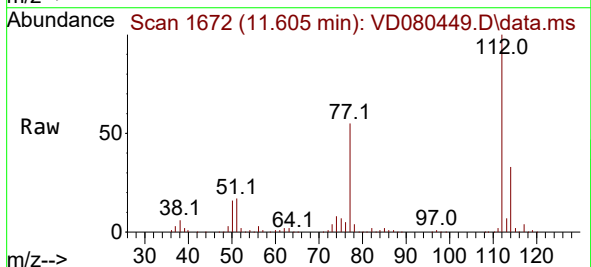
Instrument :
MSVOA_D
ClientSampleId :
VSTD050885

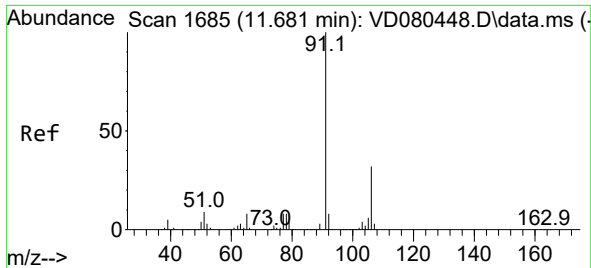
Tgt Ion:107 Resp: 121528
Ion Ratio Lower Upper
107 100
109 94.6 69.8 129.6
188 4.5 2.9 4.3#



#51
Chlorobenzene
Concen: 45.80 ug/L
RT: 11.605 min Scan# 1672
Delta R.T. 0.000 min
Lab File: VD080449.D
Acq: 18 Jun 2025 10:54

Tgt Ion:112 Resp: 428287
Ion Ratio Lower Upper
112 100
114 32.5 22.3 41.3
77 54.7 44.2 66.4

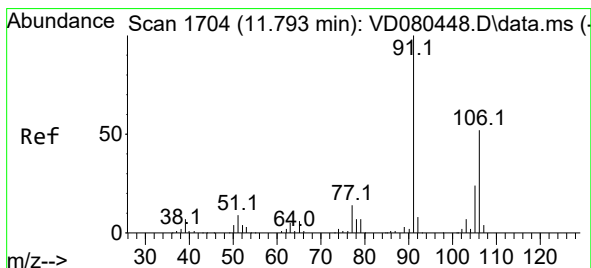
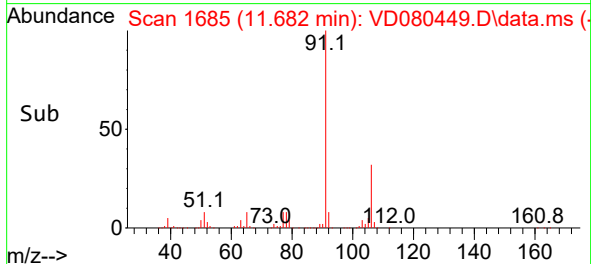
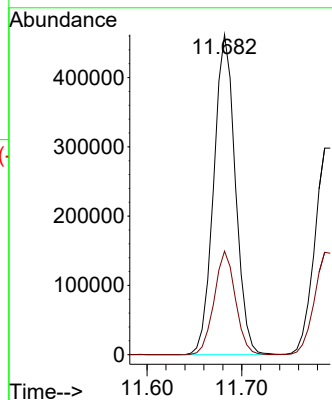
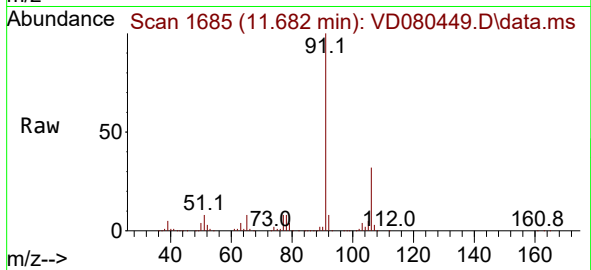




#52
Ethylbenzene
Concen: 49.82 ug/L
RT: 11.682 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VD080449.D
Acq: 18 Jun 2025 10:54

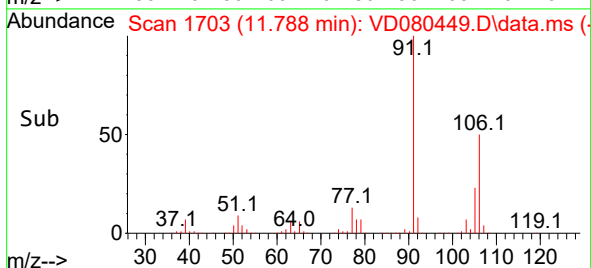
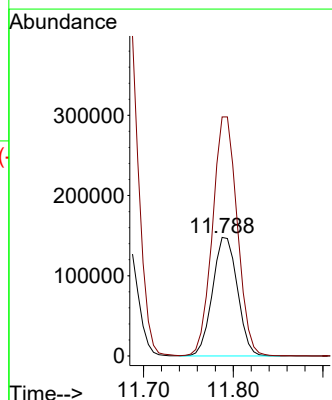
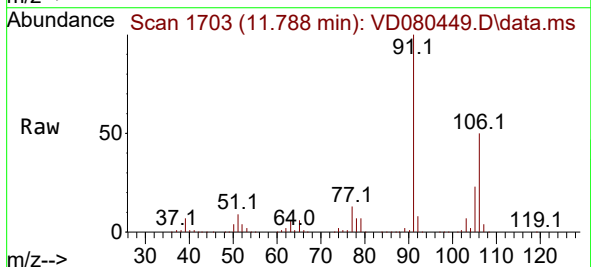
Instrument :
MSVOA_D
ClientSampleId :
VSTD050885

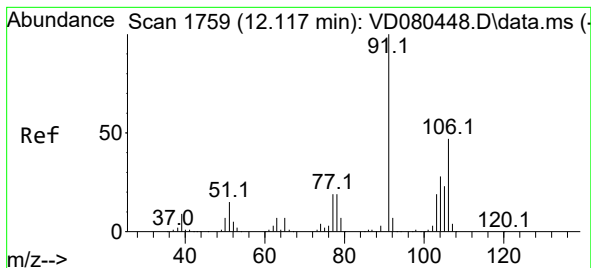
Tgt Ion: 91 Resp: 732183
Ion Ratio Lower Upper
91 100
106 32.4 22.1 41.1



#53
m,p-Xylene
Concen: 50.14 ug/L
RT: 11.788 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD080449.D
Acq: 18 Jun 2025 10:54

Tgt Ion: 106 Resp: 285082
Ion Ratio Lower Upper
106 100
91 201.7 134.1 249.1

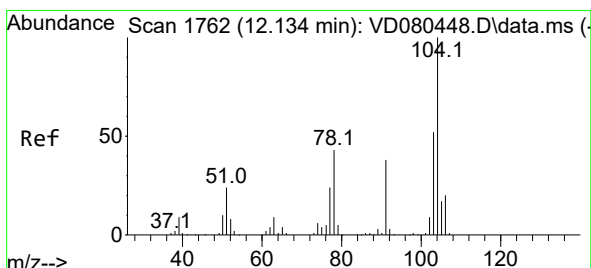
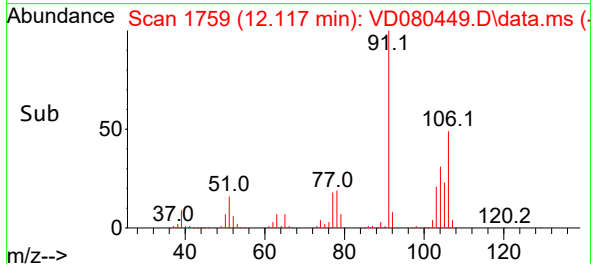
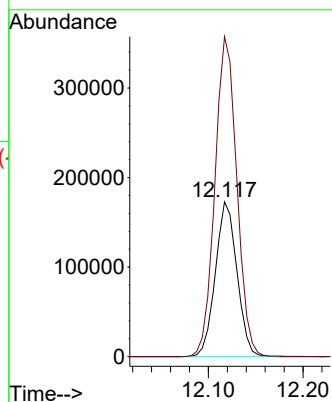
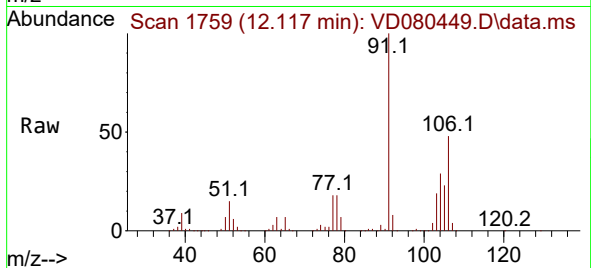




#54
o-Xylene
Concen: 50.42 ug/L
RT: 12.117 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VD080449.D
Acq: 18 Jun 2025 10:54

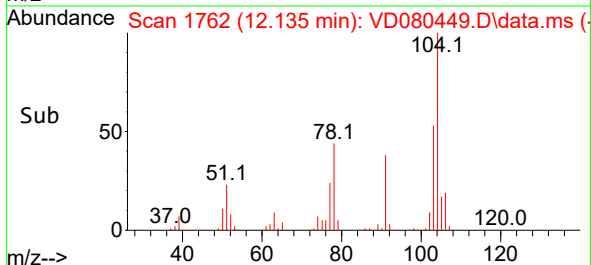
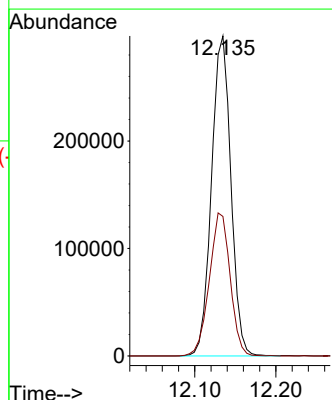
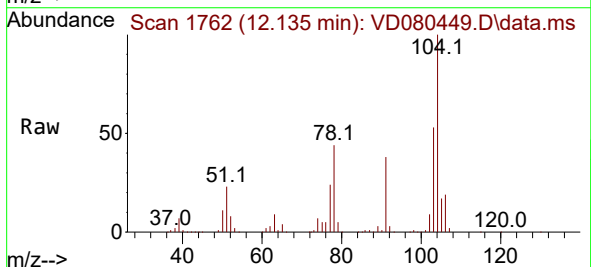
Instrument :
MSVOA_D
ClientSampleId :
VSTD050885

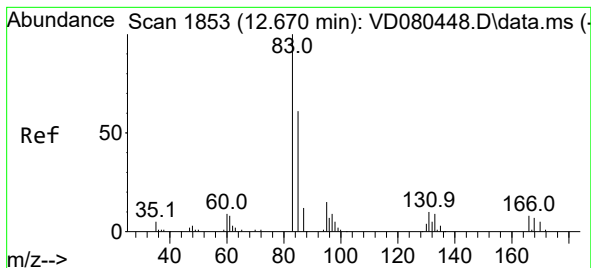
Tgt Ion:106 Resp: 274340
Ion Ratio Lower Upper
106 100
91 206.7 148.3 275.3



#55
Styrene
Concen: 50.87 ug/L
RT: 12.135 min Scan# 1762
Delta R.T. 0.000 min
Lab File: VD080449.D
Acq: 18 Jun 2025 10:54

Tgt Ion:104 Resp: 493336
Ion Ratio Lower Upper
104 100
78 43.6 30.0 55.8

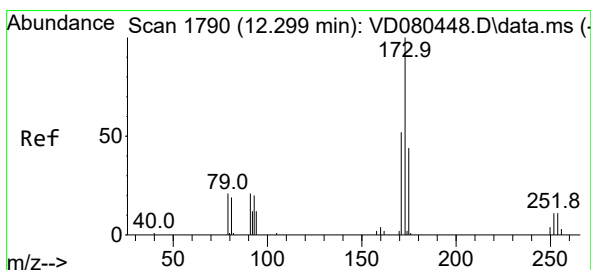
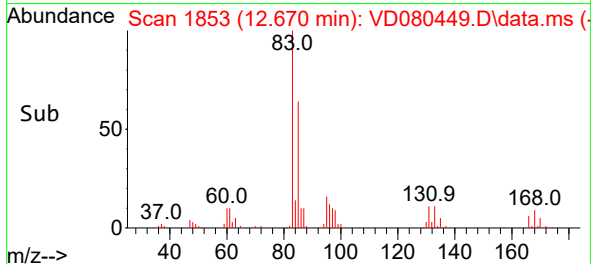
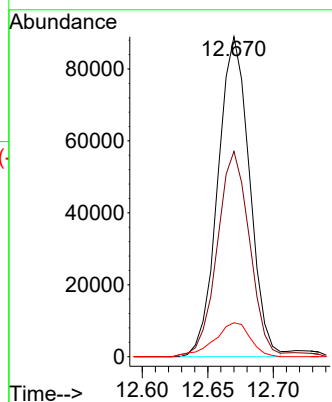
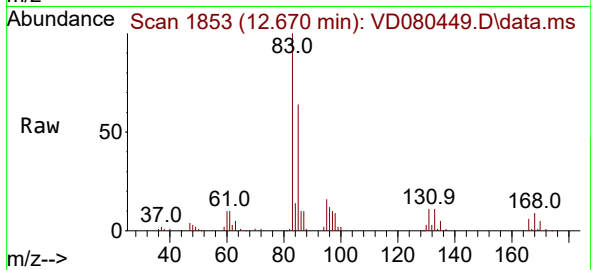




#57
1,1,2,2-Tetrachloroethane
Concen: 45.80 ug/L
RT: 12.670 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VD080449.D
Acq: 18 Jun 2025 10:54

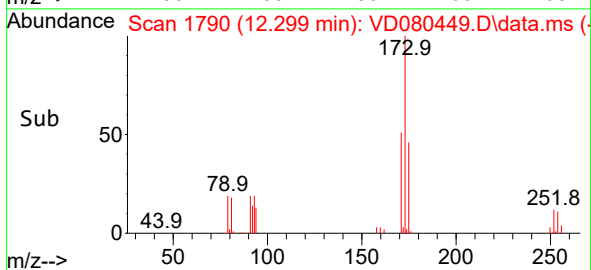
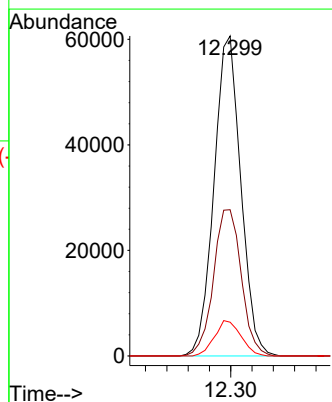
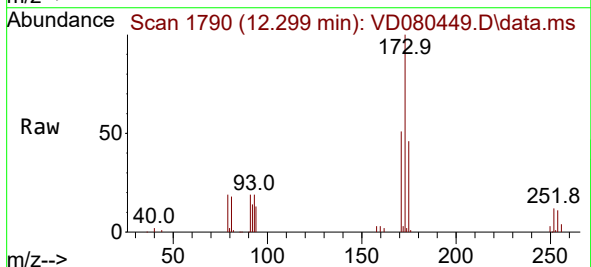
Instrument :
MSVOA_D
ClientSampleId :
VSTD050885

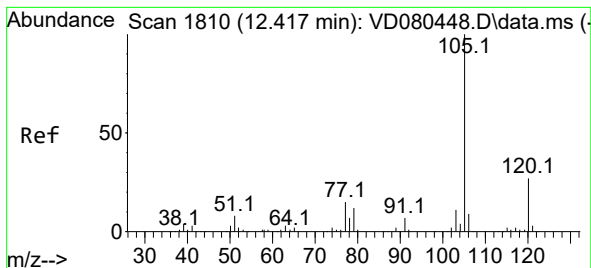
Tgt Ion: 83 Resp: 149135
Ion Ratio Lower Upper
83 100
85 64.1 42.8 79.6
131 10.6 7.8 11.8



#59
Bromoform
Concen: 43.60 ug/L
RT: 12.299 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VD080449.D
Acq: 18 Jun 2025 10:54

Tgt Ion: 173 Resp: 105802
Ion Ratio Lower Upper
173 100
175 47.4 38.2 57.4
254 10.9 9.0 13.4





#60

Isopropylbenzene

Concen: 48.67 ug/L

RT: 12.417 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD080449.D

Acq: 18 Jun 2025 10:54

Instrument :

MSVOA_D

ClientSampleId :

VSTD050885

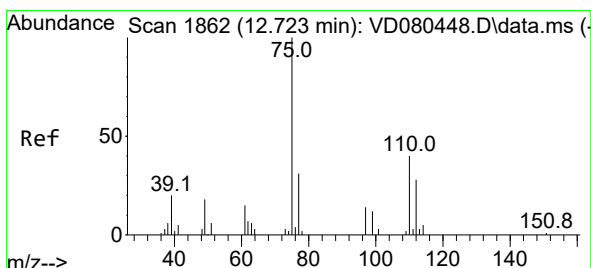
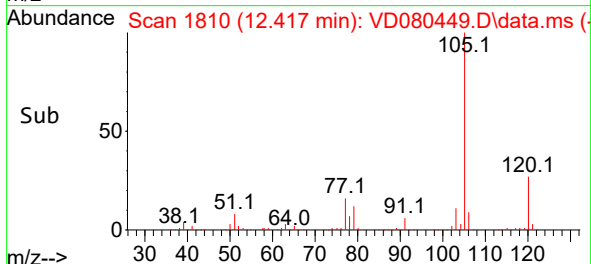
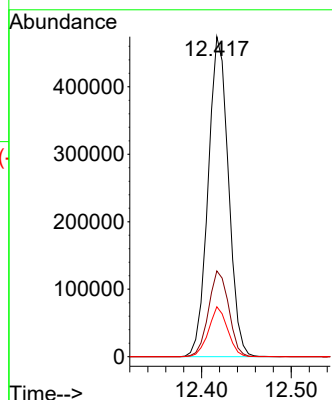
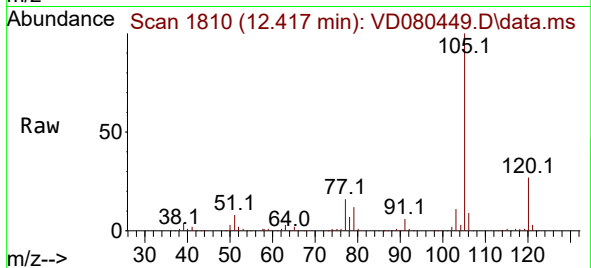
Tgt Ion:105 Resp: 743903

Ion Ratio Lower Upper

105 100

120 26.7 22.1 33.1

77 14.7 12.1 18.1



#61

1,2,3-Trichloropropane

Concen: 41.73 ug/L

RT: 12.723 min Scan# 1862

Delta R.T. 0.000 min

Lab File: VD080449.D

Acq: 18 Jun 2025 10:54

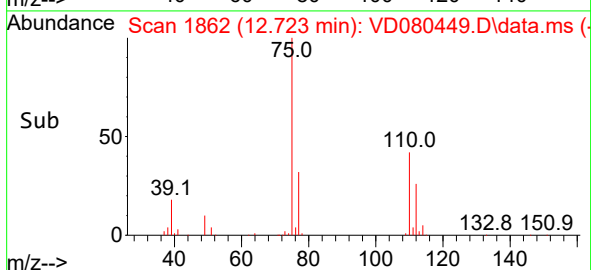
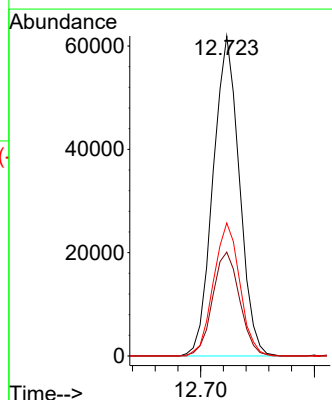
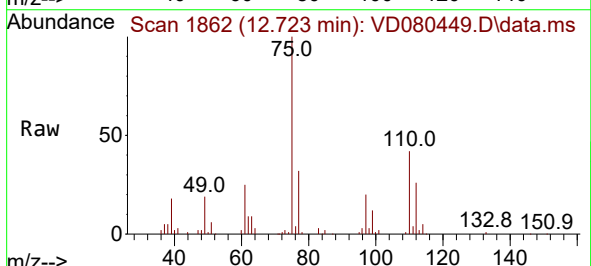
Tgt Ion: 75 Resp: 99478

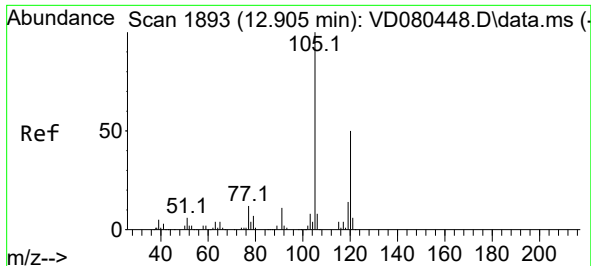
Ion Ratio Lower Upper

75 100

77 33.4 26.8 40.2

110 41.6 33.0 49.4

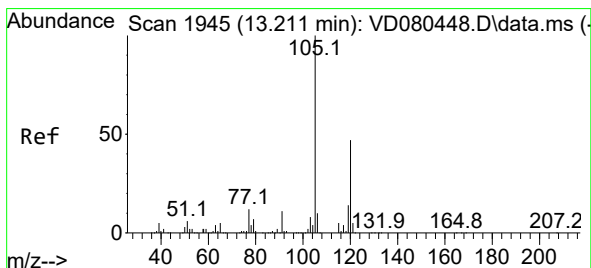
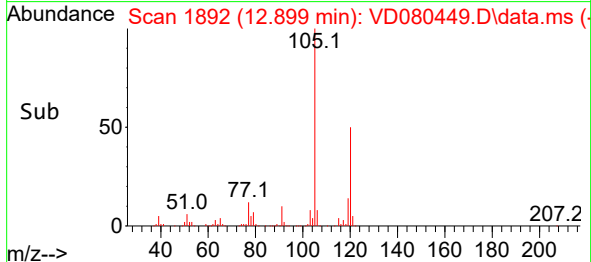
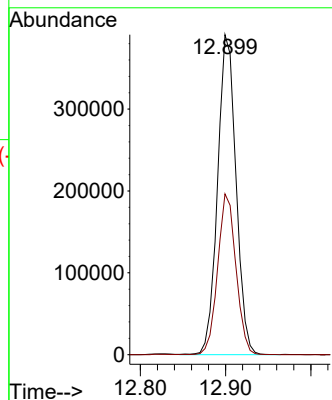
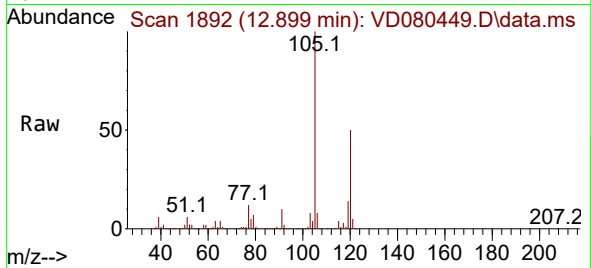




#62
1,3,5-Trimethylbenzene
Concen: 49.24 ug/L
RT: 12.899 min Scan# 1892
Delta R.T. -0.006 min
Lab File: VD080449.D
Acq: 18 Jun 2025 10:54

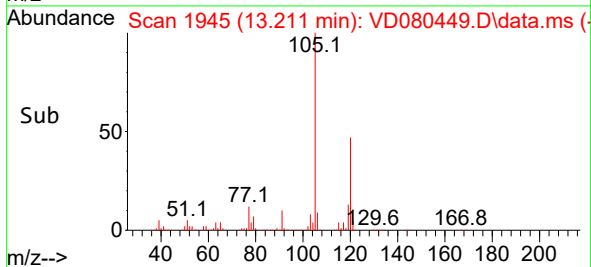
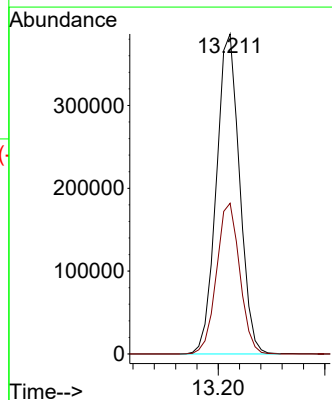
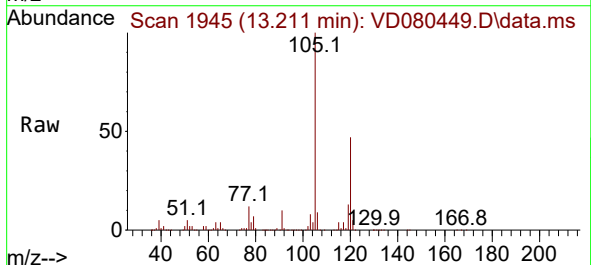
Instrument :
MSVOA_D
ClientSampleId :
VSTD050885

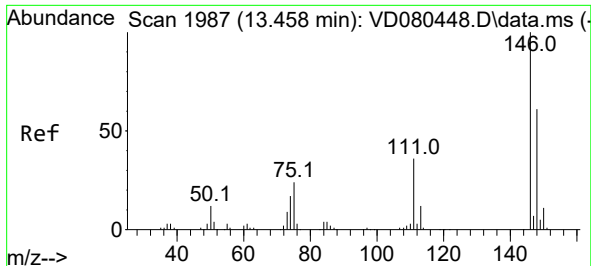
Tgt Ion:105 Resp: 587487
Ion Ratio Lower Upper
105 100
120 49.7 40.1 60.1



#63
1,2,4-Trimethylbenzene
Concen: 49.42 ug/L
RT: 13.211 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VD080449.D
Acq: 18 Jun 2025 10:54

Tgt Ion:105 Resp: 582903
Ion Ratio Lower Upper
105 100
120 47.1 37.5 56.3

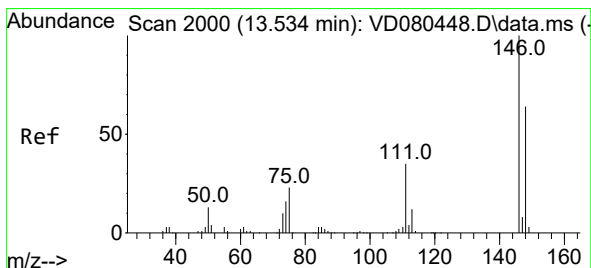
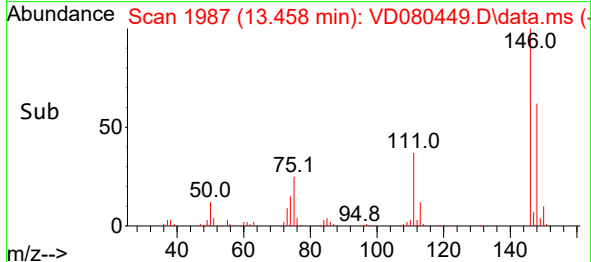
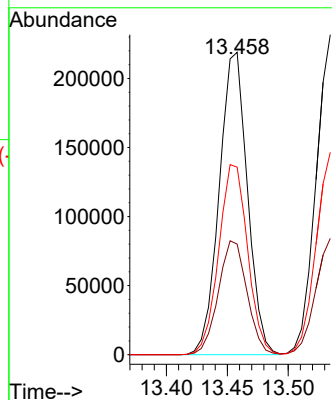
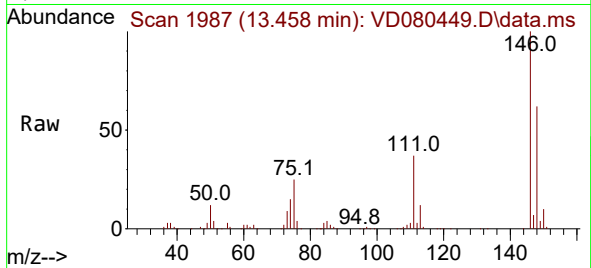




#64
1,3-Dichlorobenzene
Concen: 44.21 ug/L
RT: 13.458 min Scan# 1987
Delta R.T. 0.000 min
Lab File: VD080449.D
Acq: 18 Jun 2025 10:54

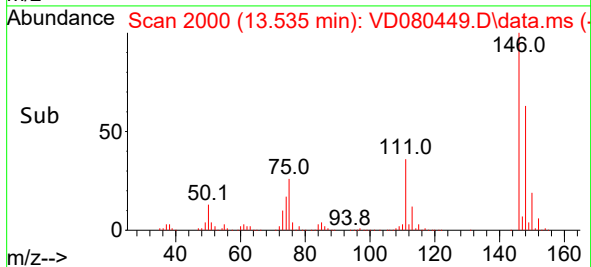
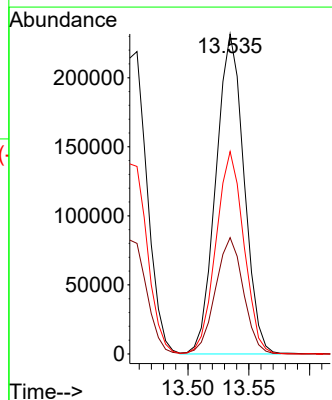
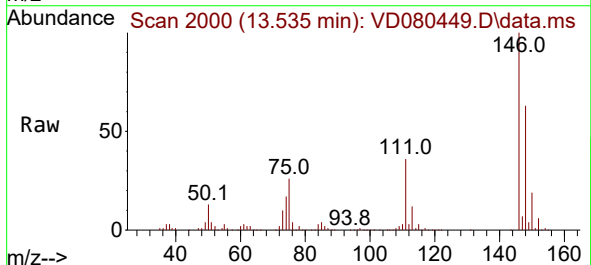
Instrument :
MSVOA_D
ClientSampleId :
VSTD050885

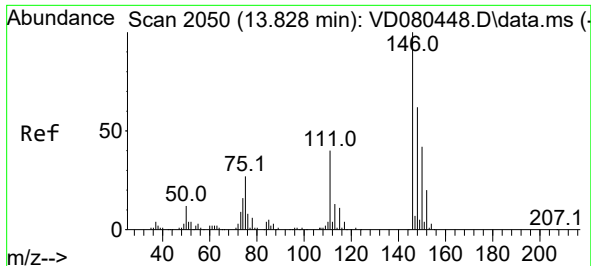
Tgt Ion:146 Resp: 353270
Ion Ratio Lower Upper
146 100
111 36.6 25.4 47.2
148 62.0 42.8 79.6



#65
1,4-Dichlorobenzene
Concen: 44.84 ug/L
RT: 13.535 min Scan# 2000
Delta R.T. 0.000 min
Lab File: VD080449.D
Acq: 18 Jun 2025 10:54

Tgt Ion:146 Resp: 372156
Ion Ratio Lower Upper
146 100
111 36.4 24.5 45.5
148 63.2 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 43.94 ug/L

RT: 13.829 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VD080449.D

Acq: 18 Jun 2025 10:54

Instrument :

MSVOA_D

ClientSampleId :

VSTD050885

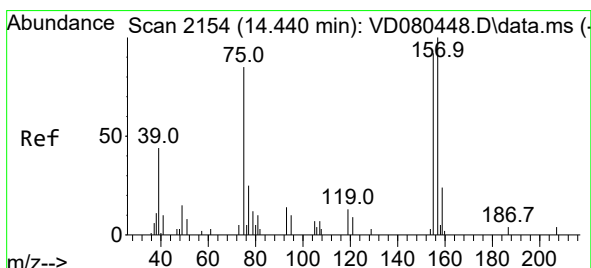
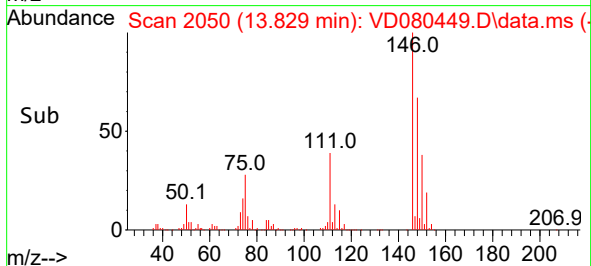
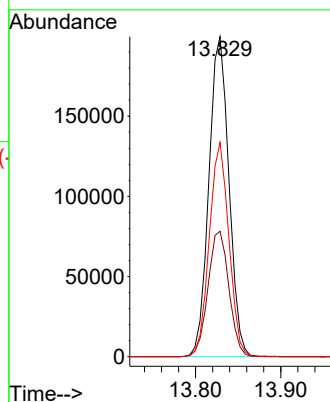
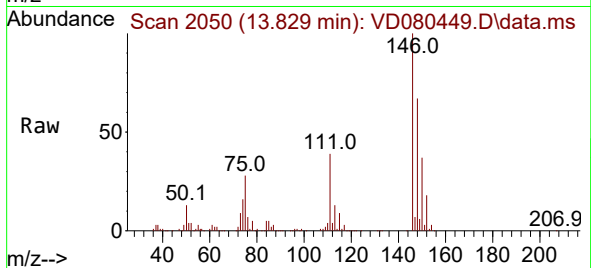
Tgt Ion:146 Resp: 325869

Ion Ratio Lower Upper

146 100

111 39.2 32.0 48.0

148 66.9 49.7 74.5



#68

1,2-Dibromo-3-chloropropane

Concen: 43.49 ug/L

RT: 14.440 min Scan# 2154

Delta R.T. 0.000 min

Lab File: VD080449.D

Acq: 18 Jun 2025 10:54

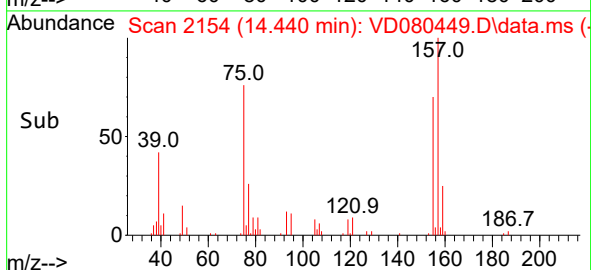
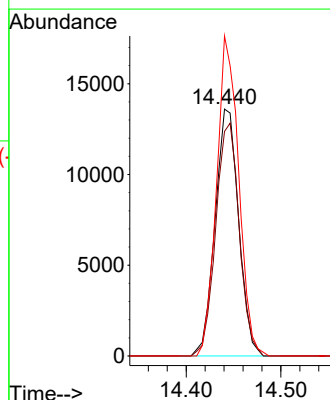
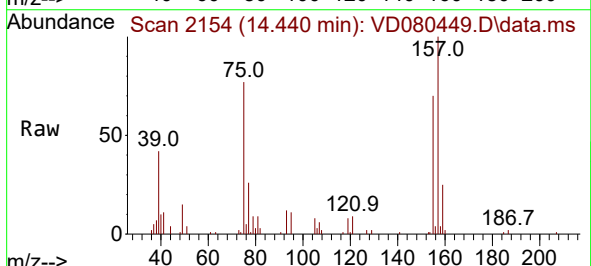
Tgt Ion: 75 Resp: 23485

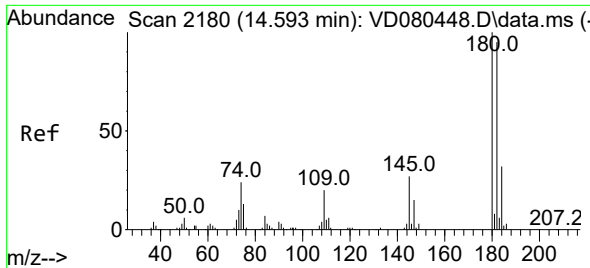
Ion Ratio Lower Upper

75 100

155 90.9 86.2 129.2

157 129.6 94.0 141.0

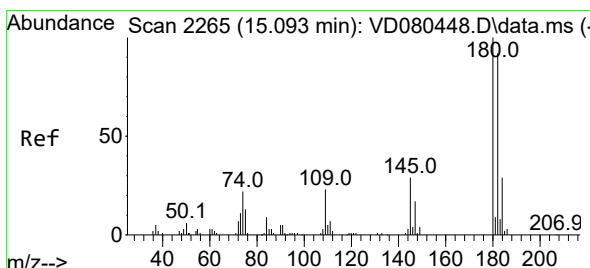
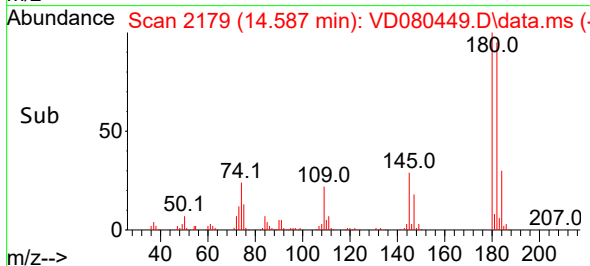
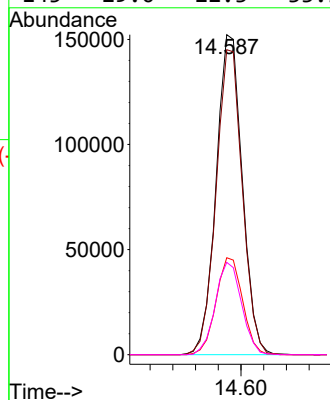
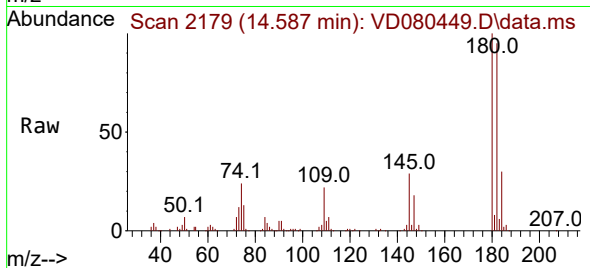




#69
1,3,5-Trichlorobenzene
Concen: 44.37 ug/L
RT: 14.587 min Scan# 2180
Delta R.T. -0.006 min
Lab File: VD080449.D
Acq: 18 Jun 2025 10:54

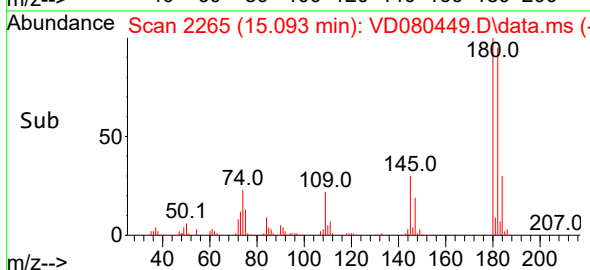
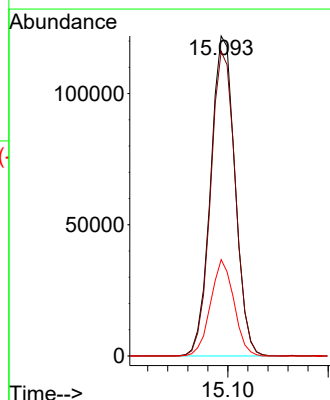
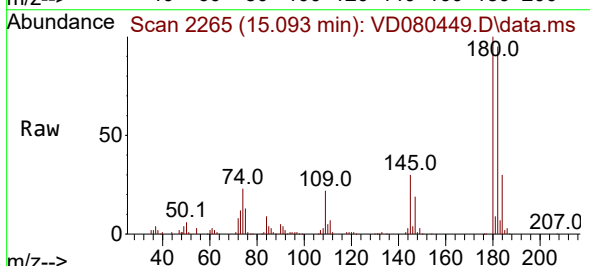
Instrument :
MSVOA_D
ClientSampleId :
VSTD050885

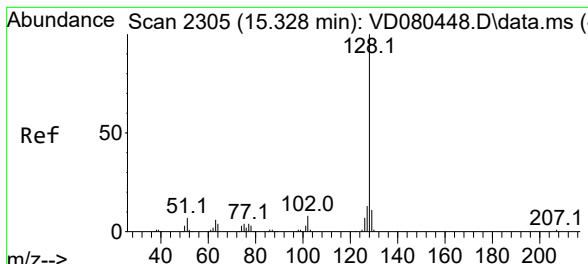
Tgt Ion:	180	Resp:	243387
Ion	Ratio	Lower	Upper
180	100		
182	95.5	77.0	115.4
184	30.7	24.9	37.3
145	29.0	22.3	33.5



#70
1,2,4-trichlorobenzene
Concen: 44.54 ug/L
RT: 15.093 min Scan# 2265
Delta R.T. 0.000 min
Lab File: VD080449.D
Acq: 18 Jun 2025 10:54

Tgt Ion:	180	Resp:	205647
Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.0	114.0
145	28.8	22.2	33.4

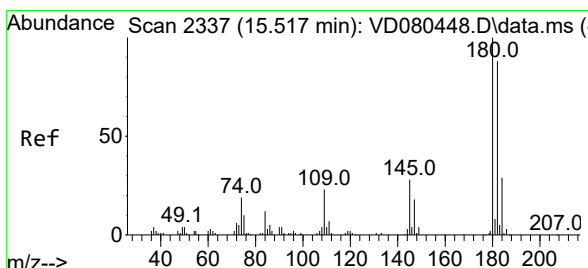
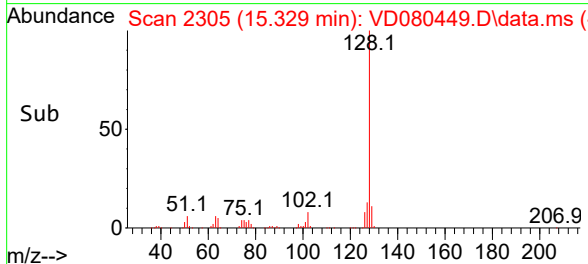
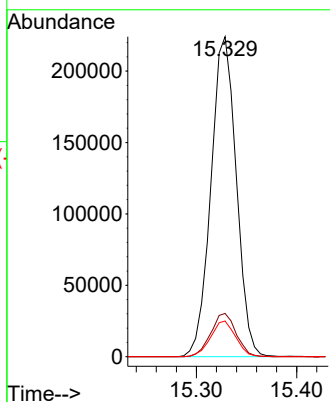
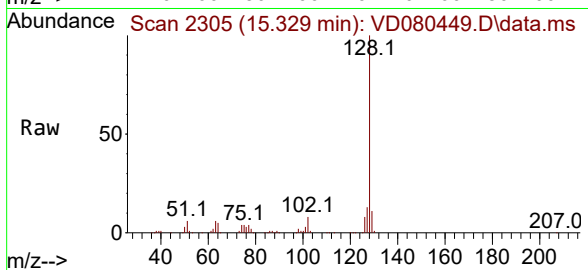




#71
Naphthalene
Concen: 47.91 ug/L
RT: 15.329 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD080449.D
Acq: 18 Jun 2025 10:54

Instrument :
MSVOA_D
ClientSampleId :
VSTD050885

Tgt Ion:	128	Resp:	392994
Ion Ratio	Lower	Upper	
128	100		
127	13.5	11.0	16.6
129	11.0	9.0	13.4



#72
1,2,3-Trichlorobenzene
Concen: 46.13 ug/L
RT: 15.517 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD080449.D
Acq: 18 Jun 2025 10:54

Tgt Ion:	180	Resp:	197100
Ion Ratio	Lower	Upper	
180	100		
182	94.2	74.7	112.1
145	30.3	24.2	36.4

