

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061325\
 Data File : VD080437.D
 Acq On : 13 Jun 2025 13:52
 Operator : RP/MD
 Sample : VSTD100
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD100880

Quant Time: Jun 16 09:49:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061325SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Jun 16 09:46:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.776	114	260312	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.582	117	251754	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.517	152	139119	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	380281	85.08	ug/L	0.00
7) Chloroethane-d5	2.800	69	328272	87.33	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.917	65	143834	93.57	ug/L	0.00
21) 2-Butanone-d5	6.988	46	161225	206.37	ug/L	0.00
24) Chloroform-d	7.564	84	694410	92.41	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.229	65	337608	90.78	ug/L	0.00
32) Benzene-d6	8.200	84	1376203	97.69	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.205	67	425341	94.17	ug/L	0.00
41) Toluene-d8	10.270	98	1339462	101.16	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.523	79	192849	101.64	ug/L	0.00
47) 2-Hexanone-d5	10.876	63	156706	228.89	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.646	84	373916	93.52	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.811	152	492883	95.03	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.935	85	359036	85.48	ug/L	100
3) Chloromethane	2.147	50	326665	78.80	ug/L	100
5) Vinyl chloride	2.282	62	438514	89.23	ug/L	100
6) Bromomethane	2.688	94	274926	105.35	ug/L	98
8) Chloroethane	2.835	64	284008	85.91	ug/L	100
9) Trichlorofluoromethane	3.170	101	586789	89.96	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.965	101	372174	91.03	ug/L	98
12) 1,1-Dichloroethene	3.935	96	350001	99.03	ug/L	90
13) Acetone	4.017	43	121070	171.33	ug/L	95
14) Carbon disulfide	4.270	76	1103215	92.23	ug/L	99
15) Methyl Acetate	4.559	43	156123	93.15	ug/L	96
16) Methylene chloride	4.800	84	394553	80.95	ug/L	97
17) trans-1,2-Dichloroethene	5.311	96	391961	98.89	ug/L	96
18) Methyl tert-butyl Ether	5.317	73	845261	109.05	ug/L #	91
19) 1,1-Dichloroethane	6.111	63	657148	95.30	ug/L	97
20) cis-1,2-Dichloroethene	7.076	96	440017	103.93	ug/L	98
22) 2-Butanone	7.082	43	206610	212.55	ug/L	97
23) Bromochloromethane	7.429	128	208372	96.32	ug/L	99
25) Chloroform	7.594	83	715332	93.32	ug/L	99
27) 1,2-Dichloroethane	8.323	62	412621	93.95	ug/L	100
29) Cyclohexane	7.876	56	615759	110.07	ug/L	100
30) 1,1,1-Trichloroethane	7.794	97	587298	92.81	ug/L	99
31) Carbon tetrachloride	7.994	117	537606	91.15	ug/L	100
33) Benzene	8.252	78	1539095	99.42	ug/L	100
34) Trichloroethene	9.029	95	417139	96.31	ug/L	99
35) Methylcyclohexane	9.270	83	674109	105.53	ug/L	98
37) 1,2-Dichloropropane	9.305	63	403666	95.24	ug/L	100
38) Bromodichloromethane	9.582	83	521216	93.96	ug/L	99
39) cis-1,3-Dichloropropene	10.017	75	669368	105.85	ug/L	99
40) 4-Methyl-2-pentanone	10.158	43	465671	216.33	ug/L	99
42) Toluene	10.335	91	1753425	103.29	ug/L	99
44) trans-1,3-Dichloropropene	10.552	75	562462	103.04	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061325\
 Data File : VD080437.D
 Acq On : 13 Jun 2025 13:52
 Operator : RP/MD
 Sample : VSTD100
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD100880

Quant Time: Jun 16 09:49:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061325SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Jun 16 09:46:58 2025
 Response via : Initial Calibration

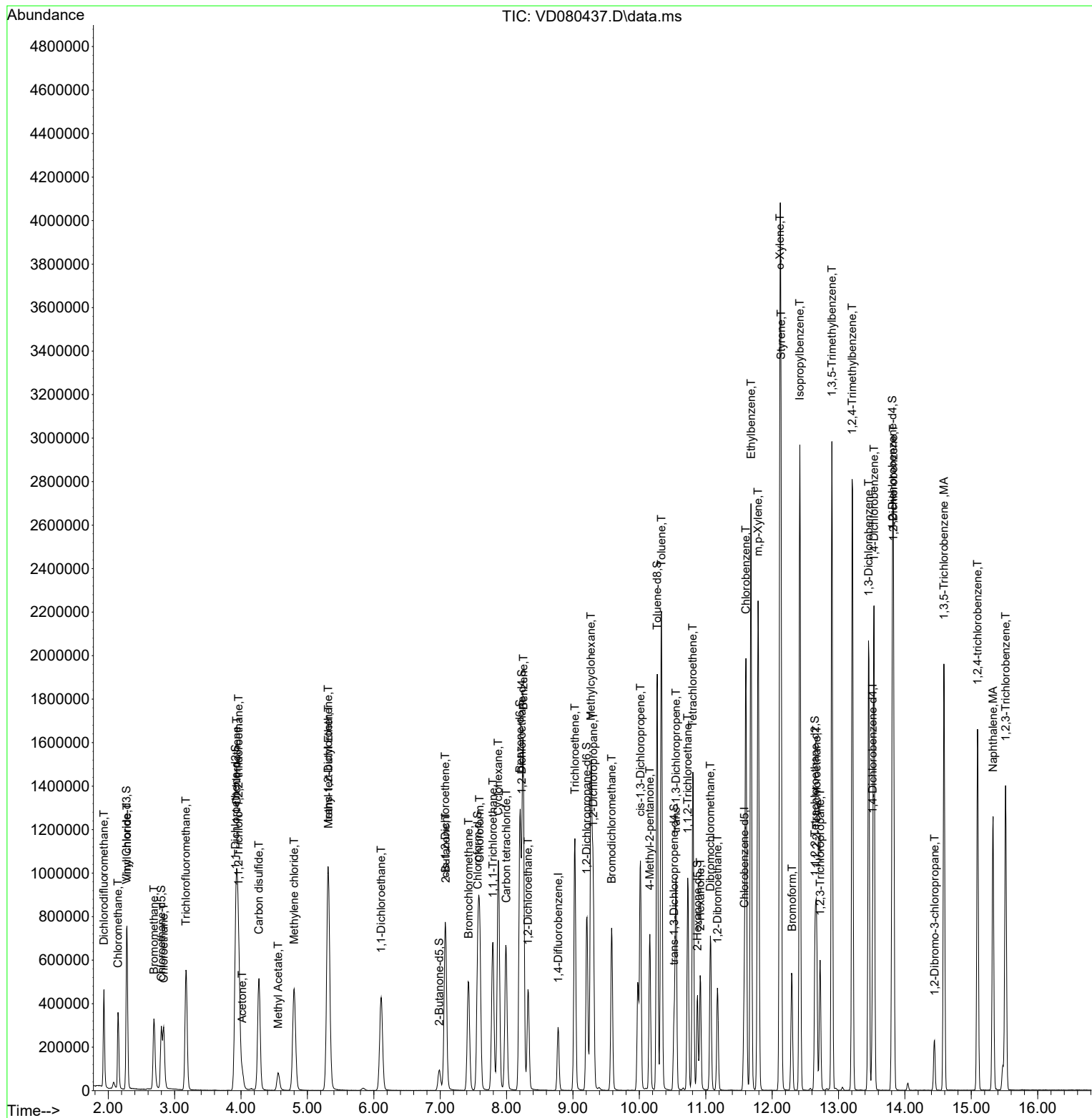
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.729	97	325707	93.95	ug/L	98
46) Tetrachloroethene	10.805	164	368584	97.54	ug/L	95
48) 2-Hexanone	10.917	43	330377	209.73	ug/L	95
49) Dibromochloromethane	11.070	129	400009	97.08	ug/L	99
50) 1,2-Dibromoethane	11.176	107	326595	100.06	ug/L	97
51) Chlorobenzene	11.605	112	1129137	97.30	ug/L	99
52) Ethylbenzene	11.682	91	1927804	105.50	ug/L	97
53) m,p-Xylene	11.788	106	746416	105.64	ug/L	95
54) o-Xylene	12.117	106	747665	110.31	ug/L	95
55) Styrene	12.135	104	1307743	108.20	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.670	83	383870	95.71	ug/L	97
59) Bromoform	12.299	173	269939	93.10	ug/L	98
60) Isopropylbenzene	12.417	105	1944459	105.06	ug/L	99
61) 1,2,3-Trichloropropane	12.723	75	256413	89.47	ug/L	98
62) 1,3,5-Trimethylbenzene	12.899	105	1579315	108.99	ug/L	100
63) 1,2,4-Trimethylbenzene	13.205	105	1570636	109.27	ug/L	100
64) 1,3-Dichlorobenzene	13.452	146	930960	96.83	ug/L	98
65) 1,4-Dichlorobenzene	13.535	146	939157	94.00	ug/L	100
67) 1,2-Dichlorobenzene	13.829	146	857303	96.07	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.446	75	59269	91.05	ug/L	90
69) 1,3,5-Trichlorobenzene	14.587	180	654467	98.76	ug/L	99
70) 1,2,4-trichlorobenzene	15.093	180	575109	103.24	ug/L	99
71) Naphthalene	15.329	128	1099404	110.60	ug/L	99
72) 1,2,3-Trichlorobenzene	15.517	180	523958	101.76	ug/L	99

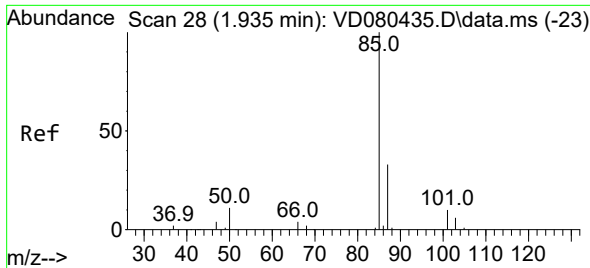
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061325\
 Data File : VD080437.D
 Acq On : 13 Jun 2025 13:52
 Operator : RP/MD
 Sample : VSTD100
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD100880

Quant Time: Jun 16 09:49:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061325SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Jun 16 09:46:58 2025
 Response via : Initial Calibration

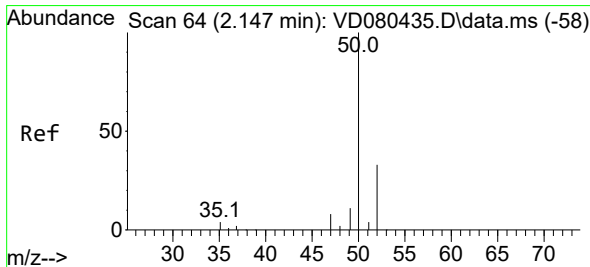
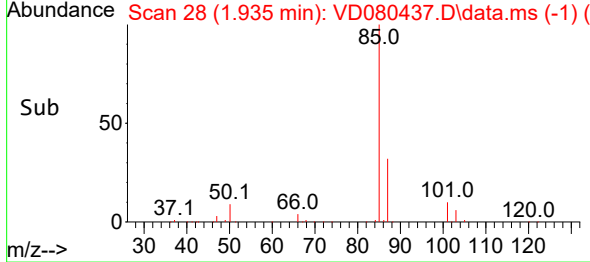
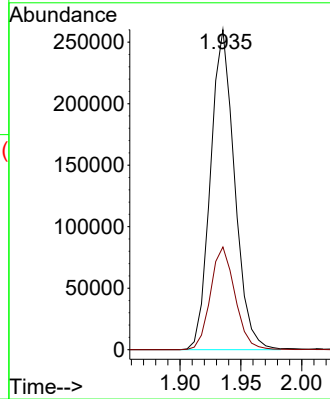
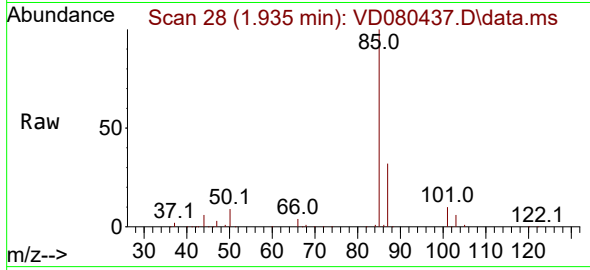




#2
 Dichlorodifluoromethane
 Concen: 85.48 ug/L
 RT: 1.935 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VD080437.D
 Acq: 13 Jun 2025 13:52

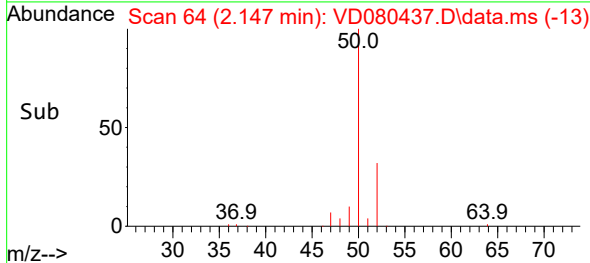
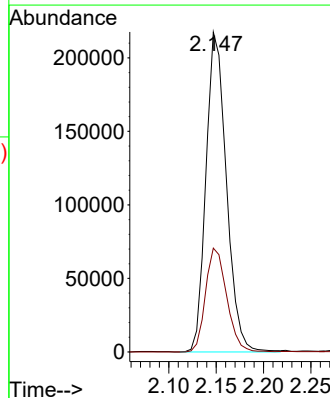
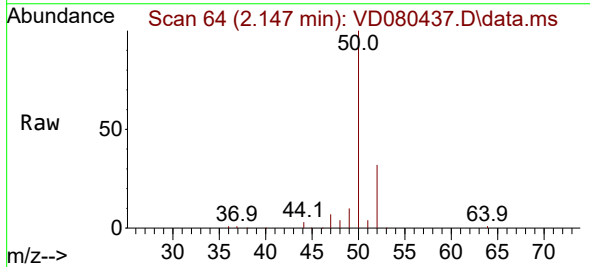
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD100880

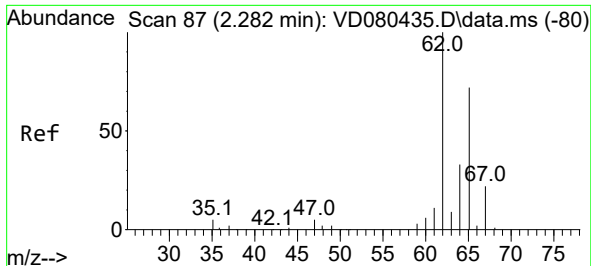
Tgt Ion: 85 Resp: 359036
 Ion Ratio Lower Upper
 85 100
 87 32.6 26.2 39.4



#3
 Chloromethane
 Concen: 78.80 ug/L
 RT: 2.147 min Scan# 64
 Delta R.T. -0.000 min
 Lab File: VD080437.D
 Acq: 13 Jun 2025 13:52

Tgt Ion: 50 Resp: 326665
 Ion Ratio Lower Upper
 50 100
 52 32.4 22.9 42.5

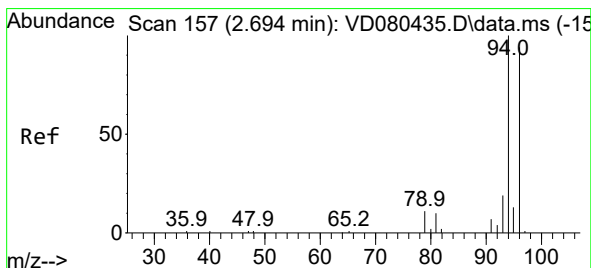
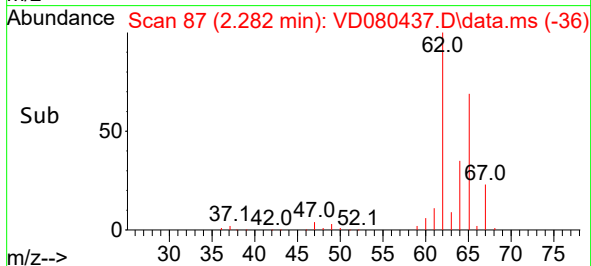
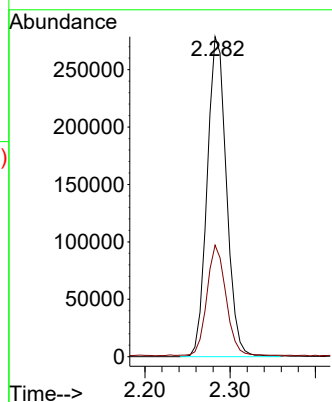
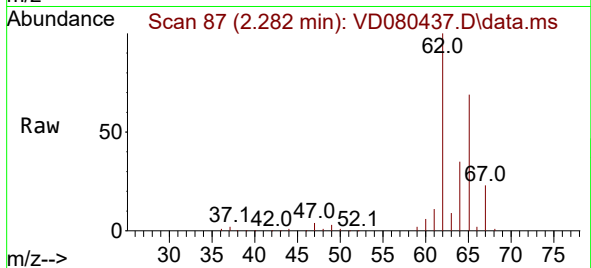




#5
 Vinyl chloride
 Concen: 89.23 ug/L
 RT: 2.282 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VD080437.D
 Acq: 13 Jun 2025 13:52

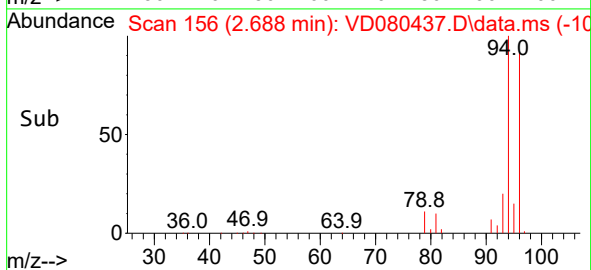
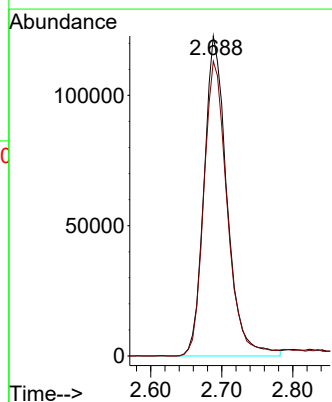
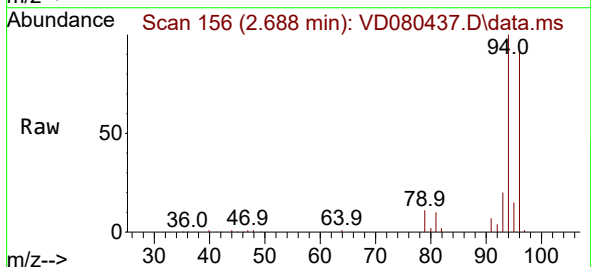
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD100880

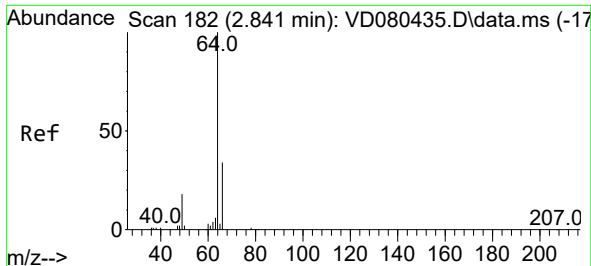
Tgt Ion: 62 Resp: 438514
 Ion Ratio Lower Upper
 62 100
 64 34.9 24.4 45.4



#6
 Bromomethane
 Concen: 105.35 ug/L
 RT: 2.688 min Scan# 156
 Delta R.T. -0.006 min
 Lab File: VD080437.D
 Acq: 13 Jun 2025 13:52

Tgt Ion: 94 Resp: 274926
 Ion Ratio Lower Upper
 94 100
 96 92.1 65.5 121.7

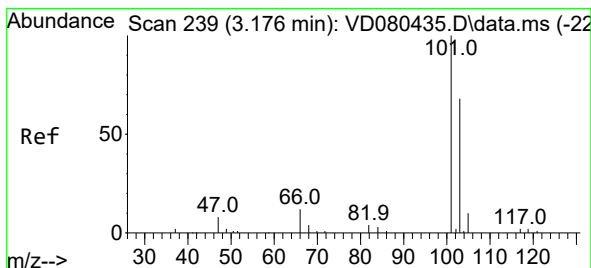
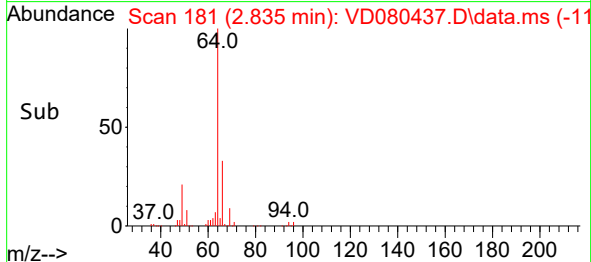
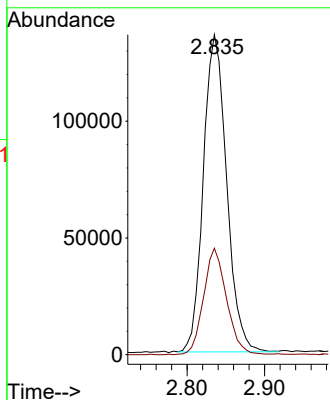
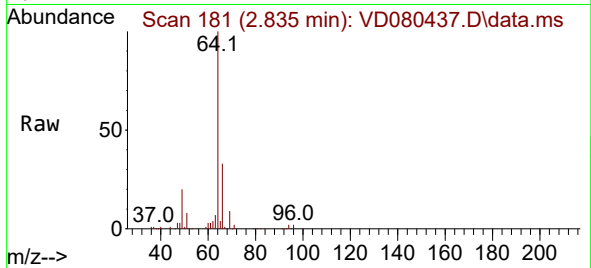




#8
Chloroethane
Concen: 85.91 ug/L
RT: 2.835 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD080437.D
Acq: 13 Jun 2025 13:52

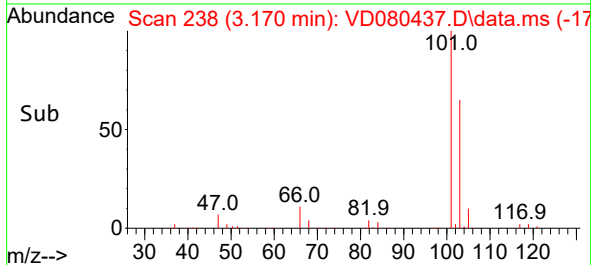
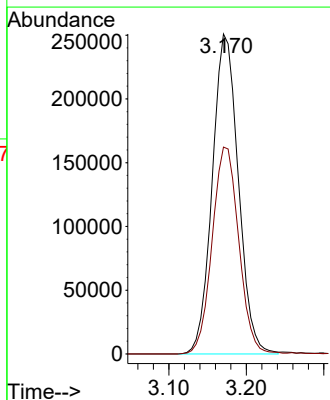
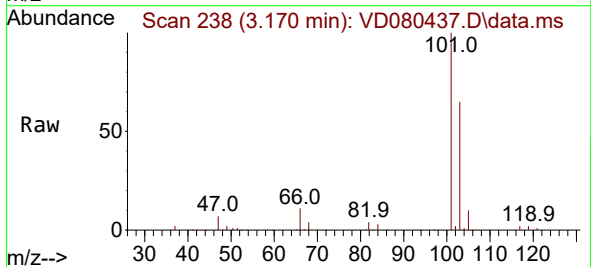
Instrument :
MSVOA_D
ClientSampleId :
VSTD100880

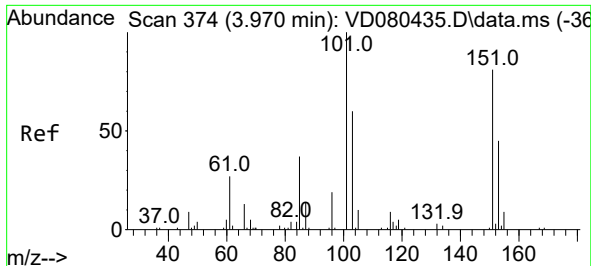
Tgt Ion: 64 Resp: 284008
Ion Ratio Lower Upper
64 100
66 33.2 23.3 43.3



#9
Trichlorofluoromethane
Concen: 89.96 ug/L
RT: 3.170 min Scan# 238
Delta R.T. -0.006 min
Lab File: VD080437.D
Acq: 13 Jun 2025 13:52

Tgt Ion:101 Resp: 586789
Ion Ratio Lower Upper
101 100
103 66.0 51.4 77.0

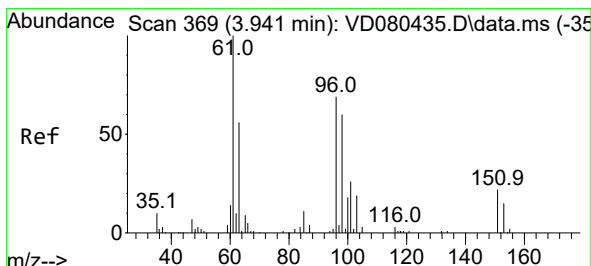
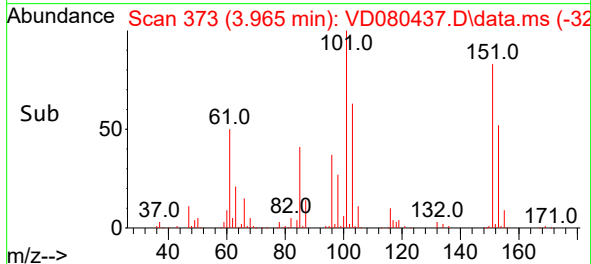
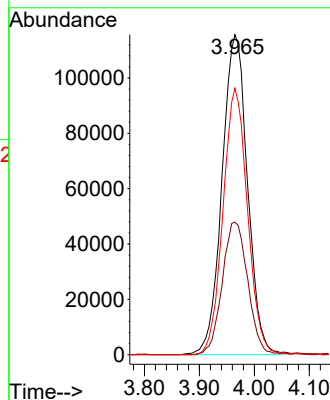
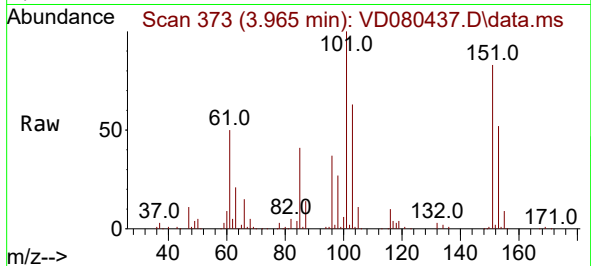




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 91.03 ug/L
RT: 3.965 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD080437.D
Acq: 13 Jun 2025 13:52

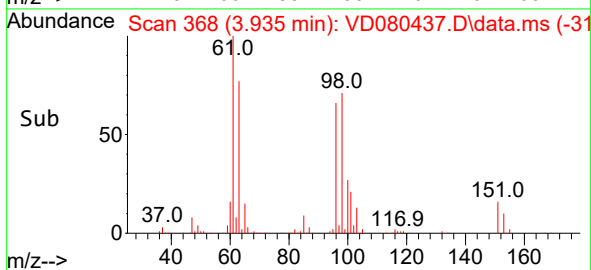
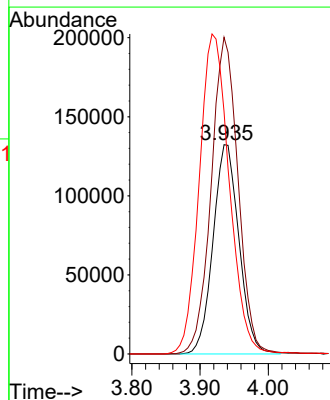
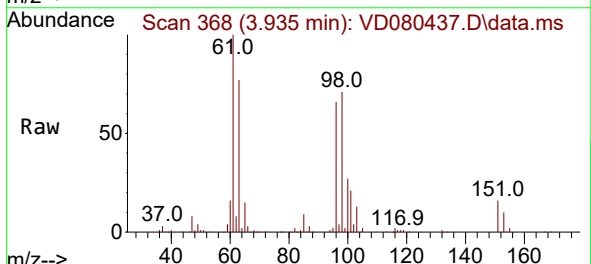
Instrument :
MSVOA_D
ClientSampleId :
VSTD100880

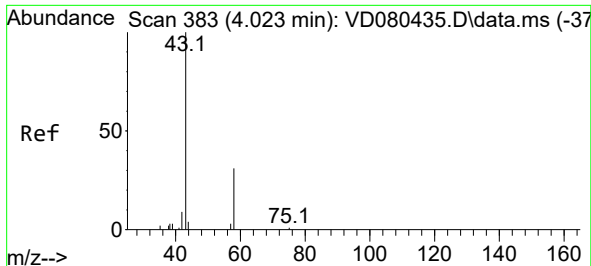
Tgt Ion:101 Resp: 372174
Ion Ratio Lower Upper
101 100
85 41.4 33.3 49.9
151 80.1 66.3 99.5



#12
1,1-Dichloroethene
Concen: 99.03 ug/L
RT: 3.935 min Scan# 368
Delta R.T. -0.006 min
Lab File: VD080437.D
Acq: 13 Jun 2025 13:52

Tgt Ion: 96 Resp: 350001
Ion Ratio Lower Upper
96 100
61 151.3 103.0 191.2
63 115.9 66.8 124.0





#13

Acetone

Concen: 171.33 ug/L

RT: 4.017 min Scan# 382

Delta R.T. -0.006 min

Lab File: VD080437.D

Acq: 13 Jun 2025 13:52

Instrument :

MSVOA_D

ClientSampleId :

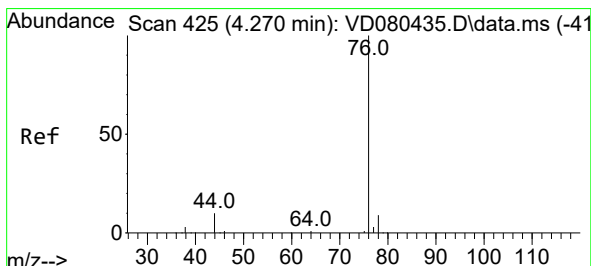
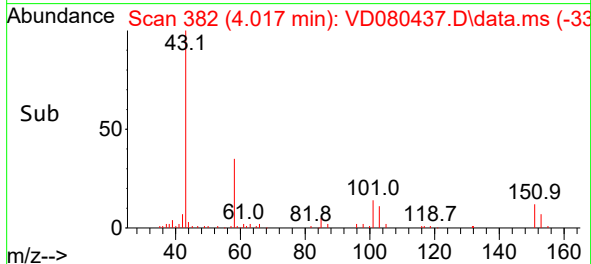
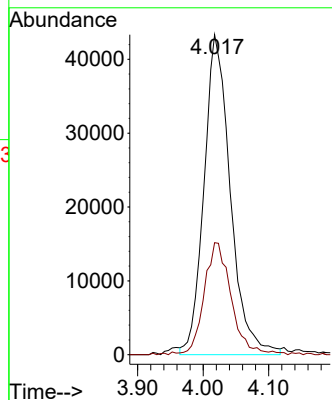
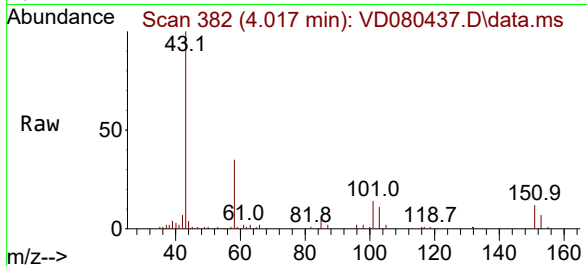
VSTD100880

Tgt Ion: 43 Resp: 121070

Ion Ratio Lower Upper

43 100

58 34.8 0.0 64.4



#14

Carbon disulfide

Concen: 92.23 ug/L

RT: 4.270 min Scan# 425

Delta R.T. -0.000 min

Lab File: VD080437.D

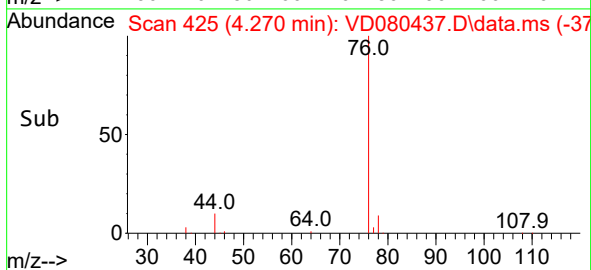
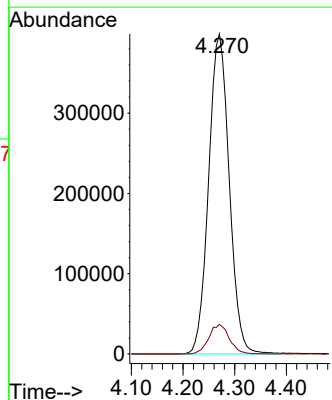
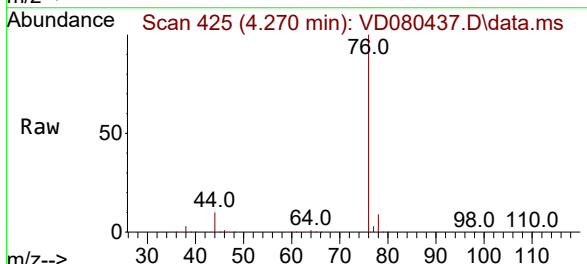
Acq: 13 Jun 2025 13:52

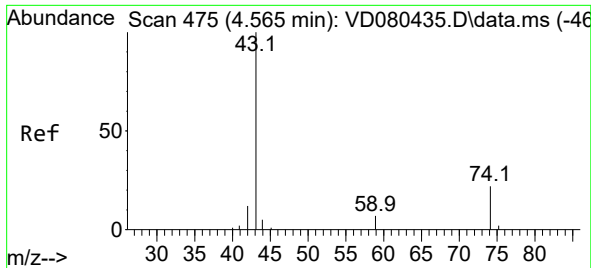
Tgt Ion: 76 Resp: 1103215

Ion Ratio Lower Upper

76 100

78 9.3 7.2 10.8

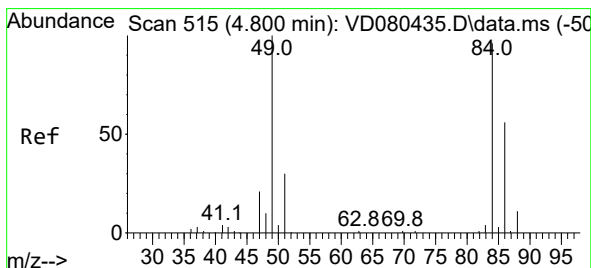
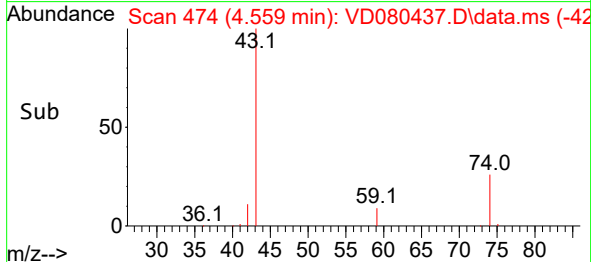
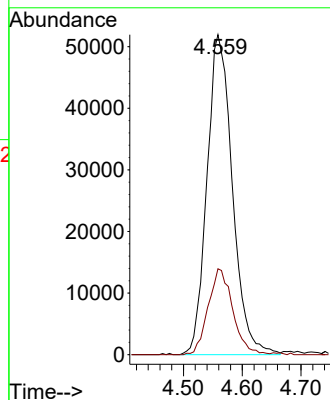
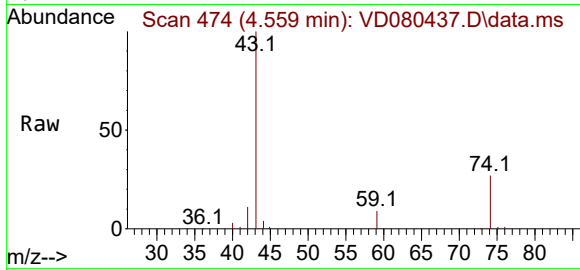




#15
Methyl Acetate
Concen: 93.15 ug/L
RT: 4.559 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD080437.D
Acq: 13 Jun 2025 13:52

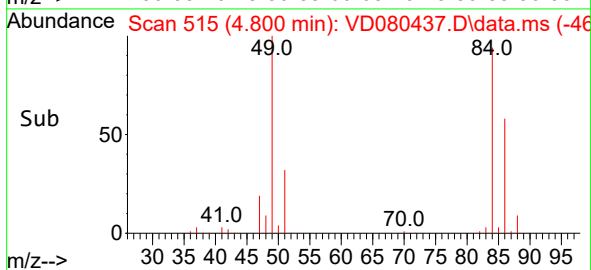
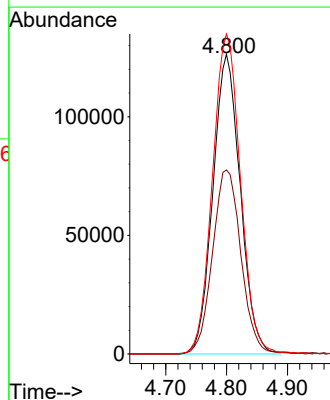
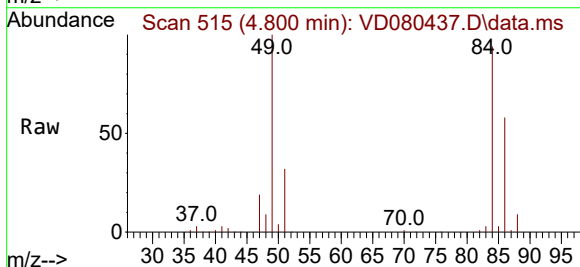
Instrument :
MSVOA_D
ClientSampleId :
VSTD100880

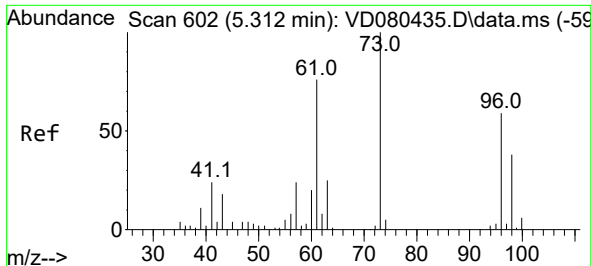
Tgt Ion: 43 Resp: 156123
Ion Ratio Lower Upper
43 100
74 25.9 19.2 28.8



#16
Methylene chloride
Concen: 80.95 ug/L
RT: 4.800 min Scan# 515
Delta R.T. -0.000 min
Lab File: VD080437.D
Acq: 13 Jun 2025 13:52

Tgt Ion: 84 Resp: 394553
Ion Ratio Lower Upper
84 100
86 61.4 40.9 75.9
49 106.7 72.8 135.2





#17

trans-1,2-Dichloroethene

Concen: 98.89 ug/L

RT: 5.311 min Scan# 602

Delta R.T. -0.000 min

Lab File: VD080437.D

Acq: 13 Jun 2025 13:52

Instrument :

MSVOA_D

ClientSampleId :

VSTD100880

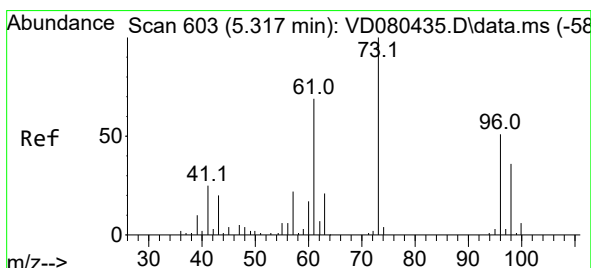
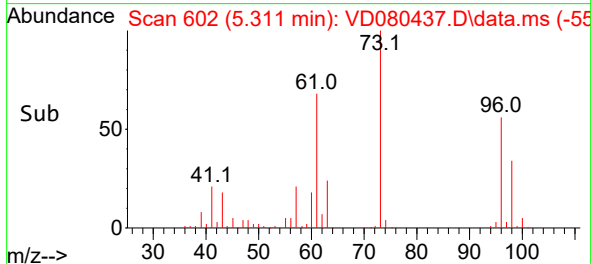
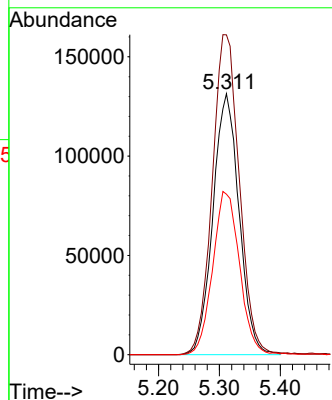
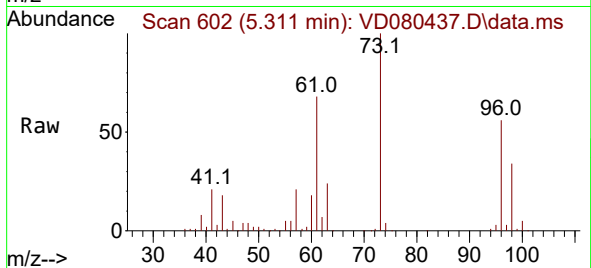
Tgt Ion: 96 Resp: 391961

Ion Ratio Lower Upper

96 100

61 122.5 89.9 167.0

98 61.5 44.6 82.8



#18

Methyl tert-butyl Ether

Concen: 109.05 ug/L

RT: 5.317 min Scan# 603

Delta R.T. -0.000 min

Lab File: VD080437.D

Acq: 13 Jun 2025 13:52

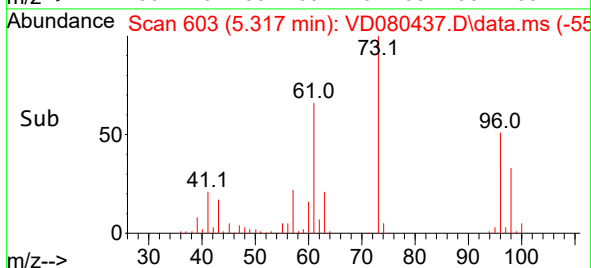
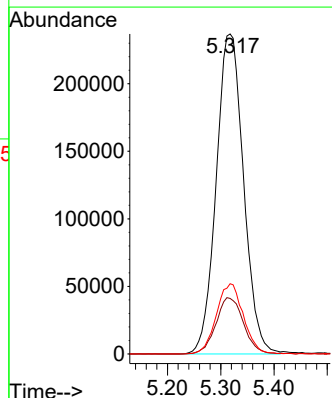
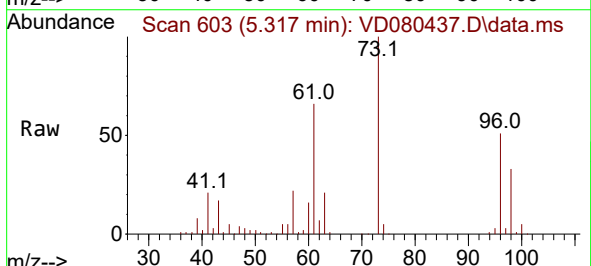
Tgt Ion: 73 Resp: 845261

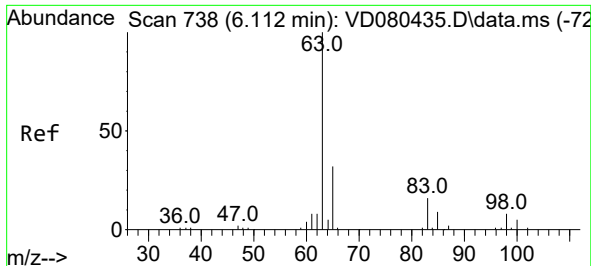
Ion Ratio Lower Upper

73 100

43 17.7 14.6 22.0

57 21.6 11.2 16.8#

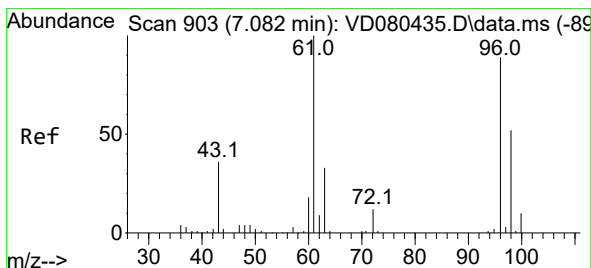
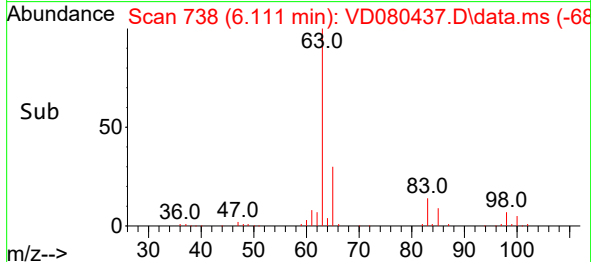
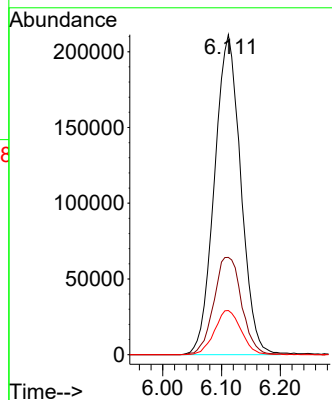
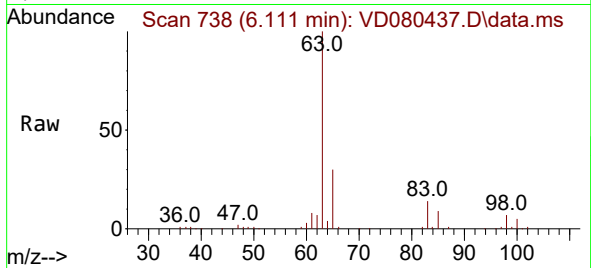




#19
 1,1-Dichloroethane
 Concen: 95.30 ug/L
 RT: 6.111 min Scan# 738
 Delta R.T. -0.000 min
 Lab File: VD080437.D
 Acq: 13 Jun 2025 13:52

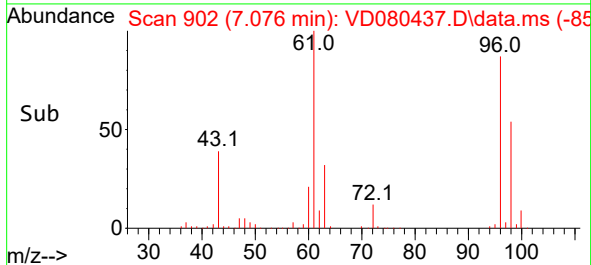
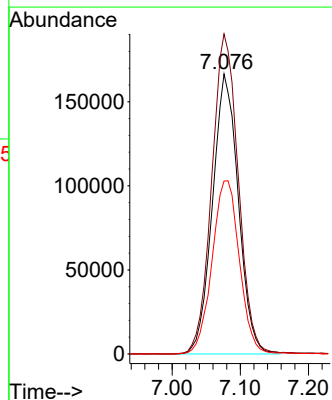
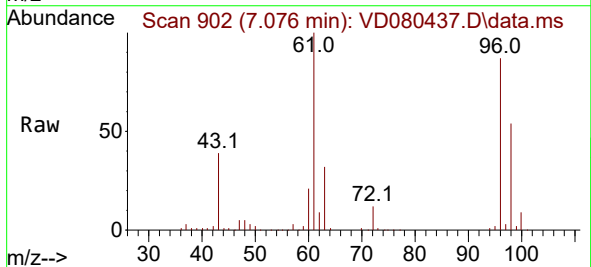
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD100880

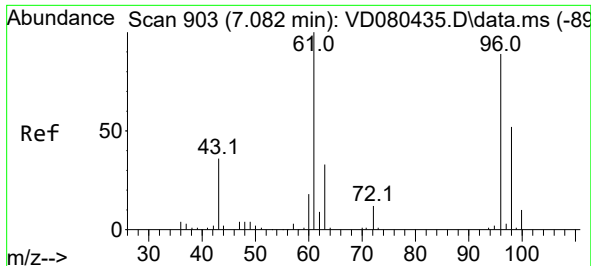
Tgt Ion: 63 Resp: 657148
 Ion Ratio Lower Upper
 63 100
 65 30.4 22.1 41.1
 83 13.8 11.2 20.8



#20
 cis-1,2-Dichloroethene
 Concen: 103.93 ug/L
 RT: 7.076 min Scan# 902
 Delta R.T. -0.006 min
 Lab File: VD080437.D
 Acq: 13 Jun 2025 13:52

Tgt Ion: 96 Resp: 440017
 Ion Ratio Lower Upper
 96 100
 61 114.3 79.2 147.2
 98 61.8 41.3 76.7

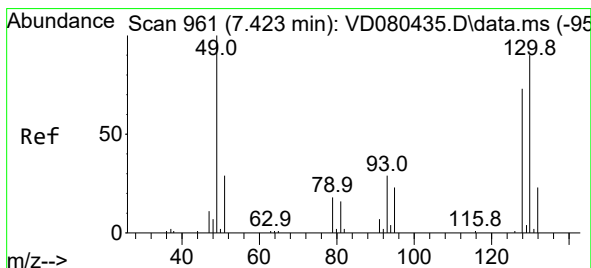
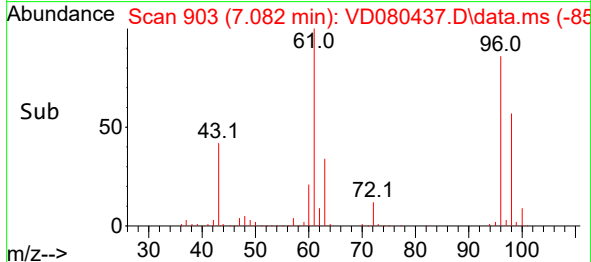
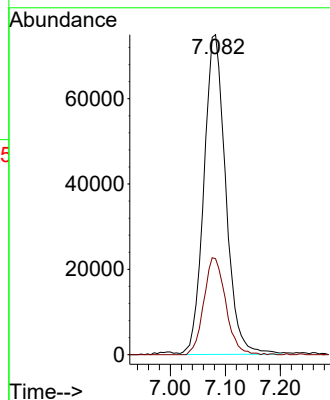
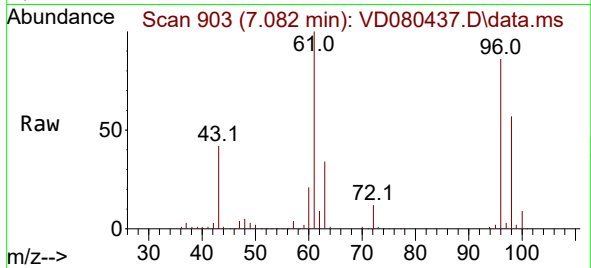




#22
2-Butanone
Concen: 212.55 ug/L
RT: 7.082 min Scan# 903
Delta R.T. -0.000 min
Lab File: VD080437.D
Acq: 13 Jun 2025 13:52

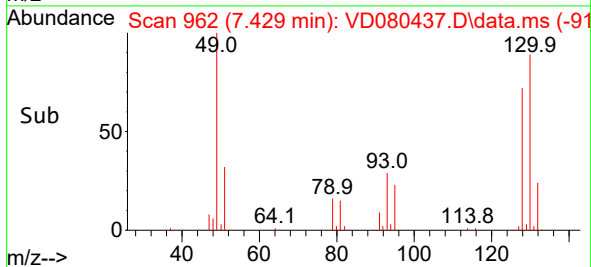
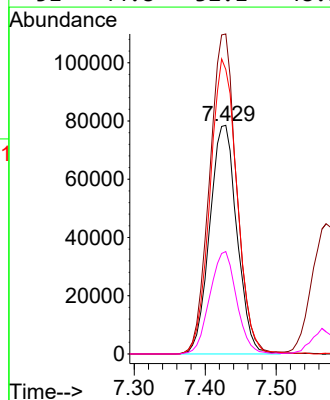
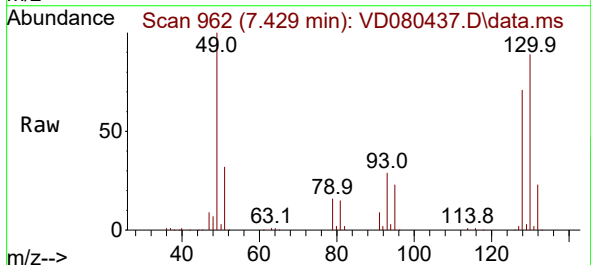
Instrument :
MSVOA_D
ClientSampleId :
VSTD100880

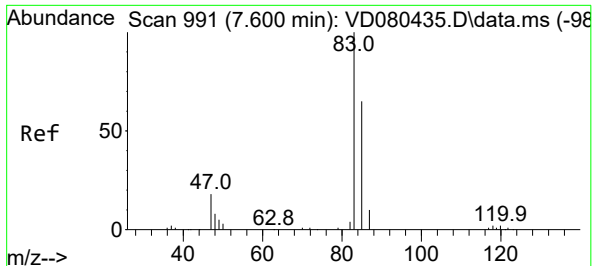
Tgt Ion: 43 Resp: 206610
Ion Ratio Lower Upper
43 100
72 30.2 14.4 43.2



#23
Bromochloromethane
Concen: 96.32 ug/L
RT: 7.429 min Scan# 962
Delta R.T. 0.006 min
Lab File: VD080437.D
Acq: 13 Jun 2025 13:52

Tgt Ion:128 Resp: 208372
Ion Ratio Lower Upper
128 100
49 140.0 97.5 181.1
130 124.4 87.5 162.5
51 44.8 32.1 48.1

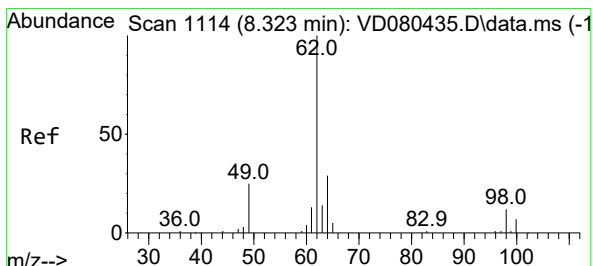
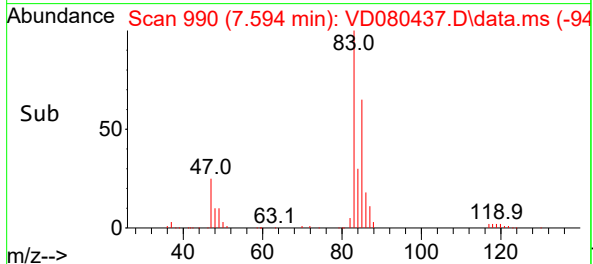
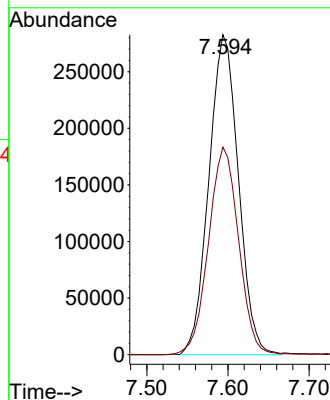
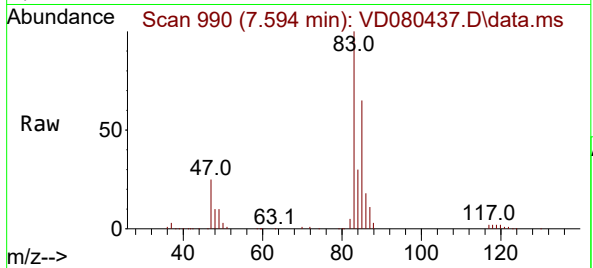




#25
Chloroform
Concen: 93.32 ug/L
RT: 7.594 min Scan# 991
Delta R.T. -0.006 min
Lab File: VD080437.D
Acq: 13 Jun 2025 13:52

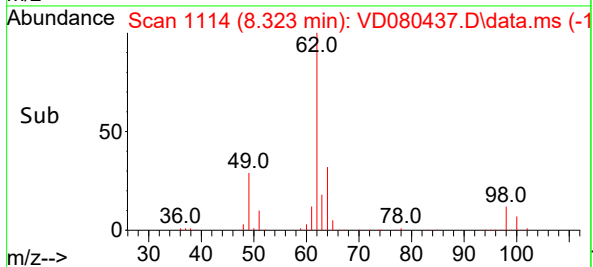
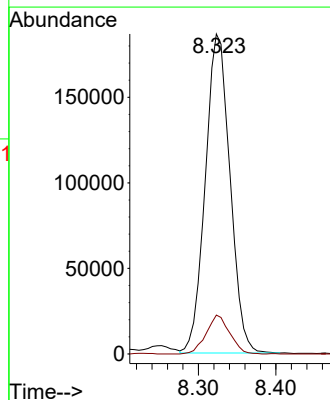
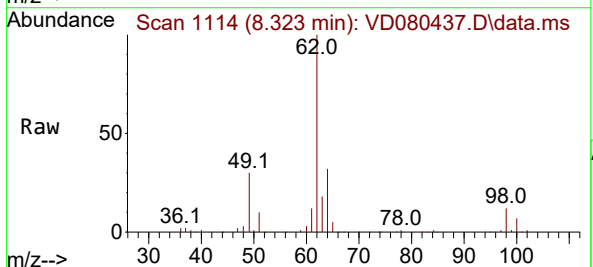
Instrument :
MSVOA_D
ClientSampleId :
VSTD100880

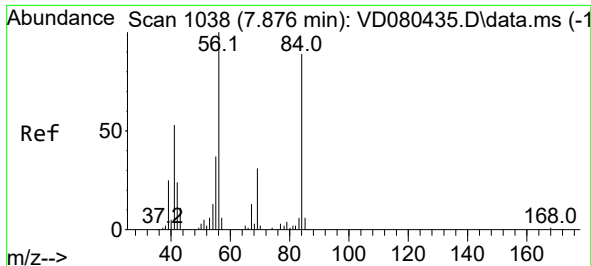
Tgt Ion: 83 Resp: 715332
Ion Ratio Lower Upper
83 100
85 64.9 45.8 85.0



#27
1,2-Dichloroethane
Concen: 93.95 ug/L
RT: 8.323 min Scan# 1114
Delta R.T. -0.000 min
Lab File: VD080437.D
Acq: 13 Jun 2025 13:52

Tgt Ion: 62 Resp: 412621
Ion Ratio Lower Upper
62 100
98 12.2 9.7 14.5





#29

Cyclohexane

Concen: 110.07 ug/L

RT: 7.876 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VD080437.D

Acq: 13 Jun 2025 13:52

Instrument :

MSVOA_D

ClientSampleId :

VSTD100880

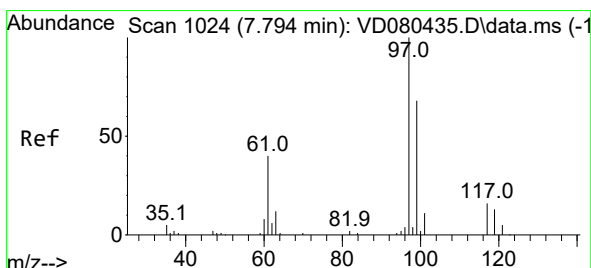
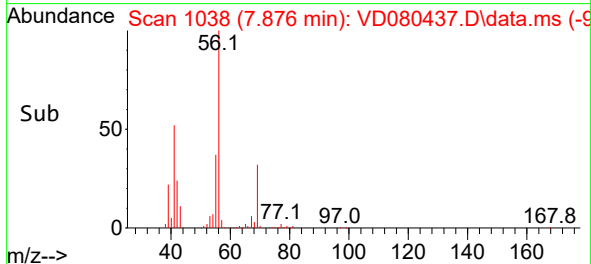
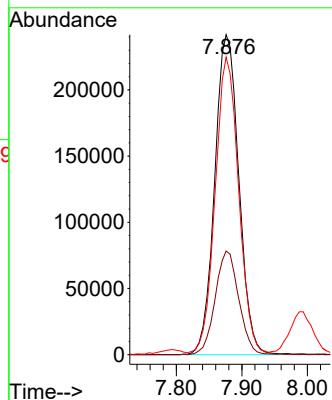
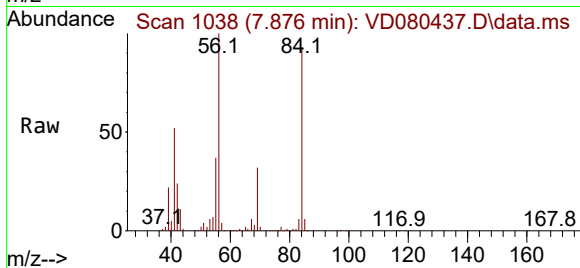
Tgt Ion: 56 Resp: 615759

Ion Ratio Lower Upper

56 100

69 31.6 25.4 38.0

84 90.5 72.4 108.6



#30

1,1,1-Trichloroethane

Concen: 92.81 ug/L

RT: 7.794 min Scan# 1024

Delta R.T. -0.000 min

Lab File: VD080437.D

Acq: 13 Jun 2025 13:52

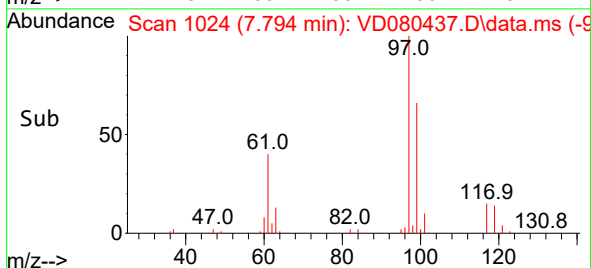
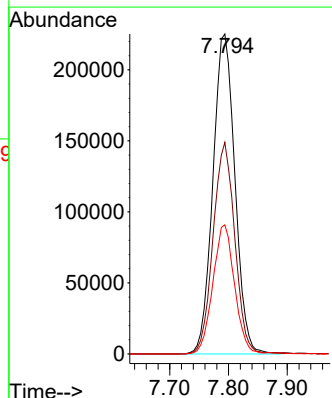
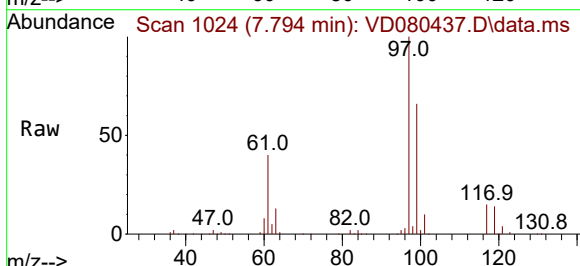
Tgt Ion: 97 Resp: 587298

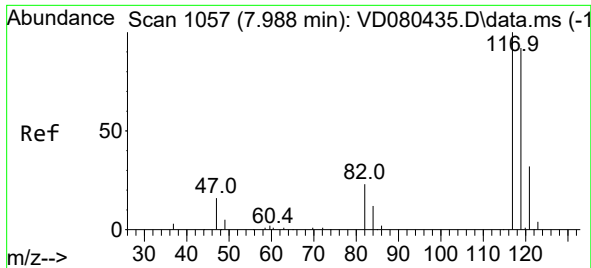
Ion Ratio Lower Upper

97 100

99 64.8 52.6 79.0

61 39.6 32.0 48.0

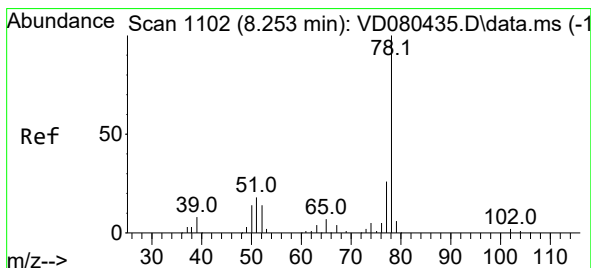
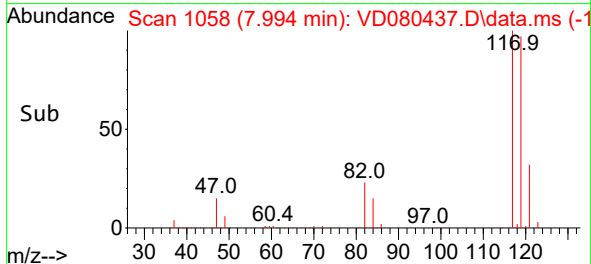
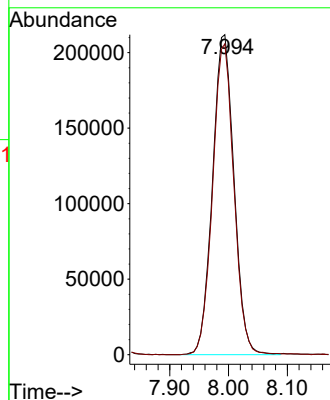
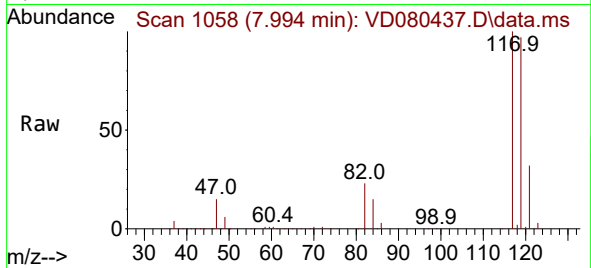




#31
Carbon tetrachloride
Concen: 91.15 ug/L
RT: 7.994 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD080437.D
Acq: 13 Jun 2025 13:52

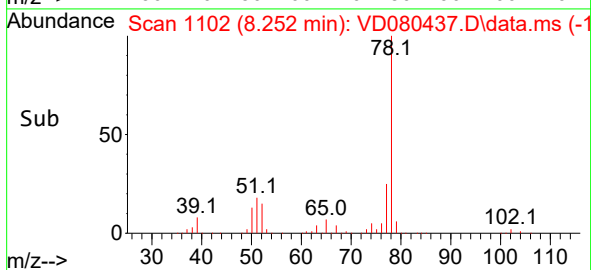
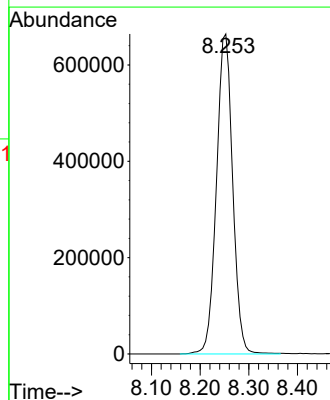
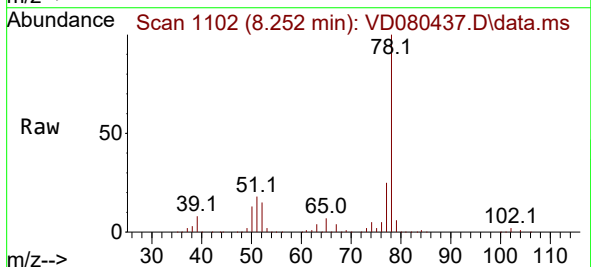
Instrument :
MSVOA_D
ClientSampleId :
VSTD100880

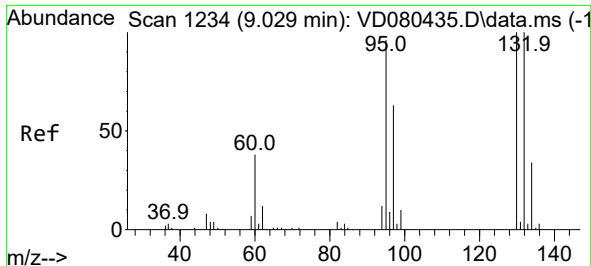
Tgt Ion:117 Resp: 537606
Ion Ratio Lower Upper
117 100
119 96.0 77.0 115.6



#33
Benzene
Concen: 99.42 ug/L
RT: 8.252 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VD080437.D
Acq: 13 Jun 2025 13:52

Tgt Ion: 78 Resp: 1539095

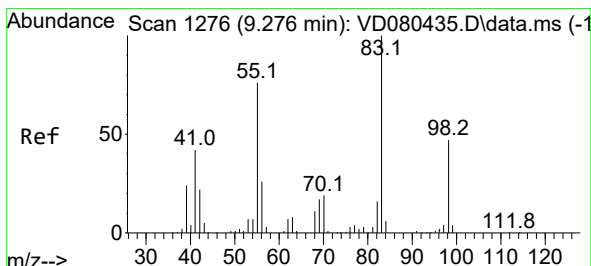
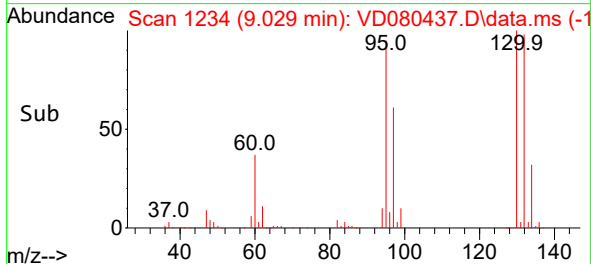
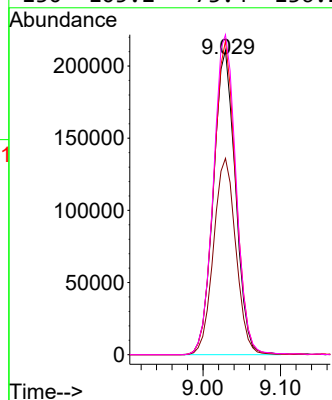
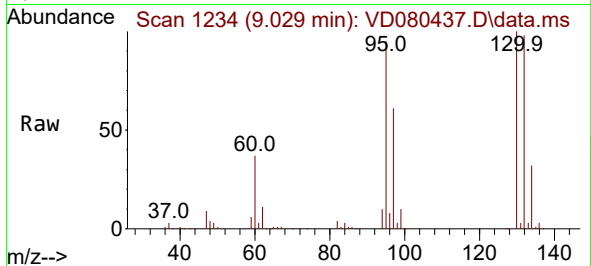




#34
Trichloroethene
Concen: 96.31 ug/L
RT: 9.029 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD080437.D
Acq: 13 Jun 2025 13:52

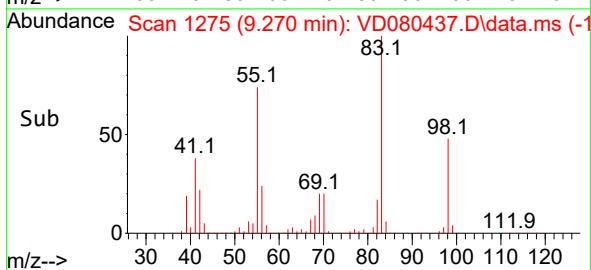
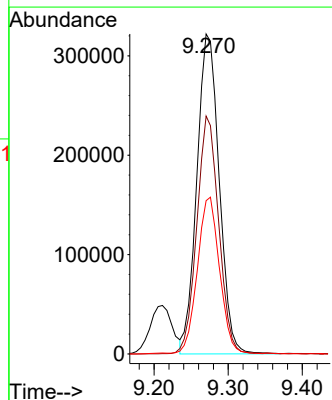
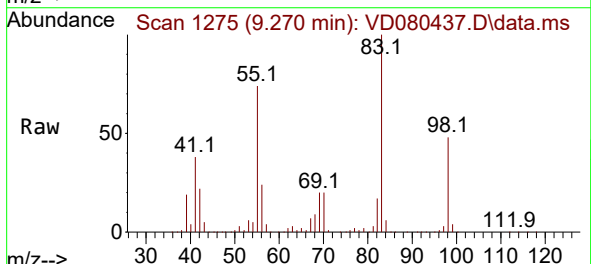
Instrument :
MSVOA_D
ClientSampleId :
VSTD100880

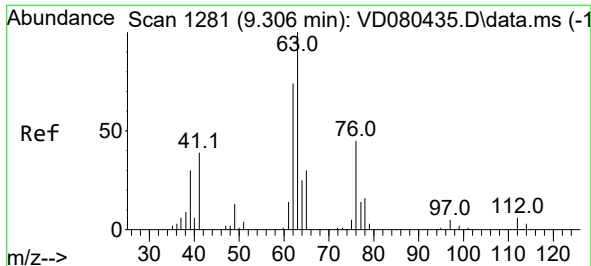
Tgt Ion: 95 Resp: 417139
Ion Ratio Lower Upper
95 100
97 64.5 46.3 85.9
132 103.2 72.9 135.3
130 105.2 73.4 136.2



#35
Methylcyclohexane
Concen: 105.53 ug/L
RT: 9.270 min Scan# 1275
Delta R.T. -0.006 min
Lab File: VD080437.D
Acq: 13 Jun 2025 13:52

Tgt Ion: 83 Resp: 674109
Ion Ratio Lower Upper
83 100
55 72.9 60.4 90.6
98 48.7 38.5 57.7





#37

1,2-Dichloropropane

Concen: 95.24 ug/L

RT: 9.305 min Scan# 1281

Delta R.T. -0.000 min

Lab File: VD080437.D

Acq: 13 Jun 2025 13:52

Instrument :

MSVOA_D

ClientSampleId :

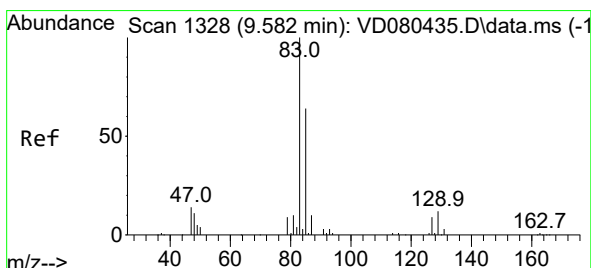
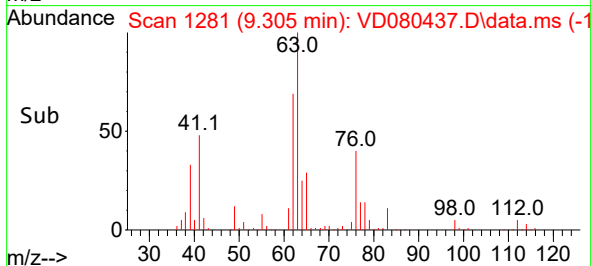
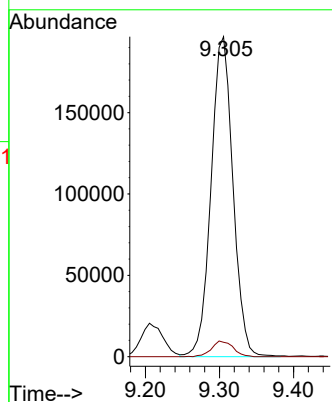
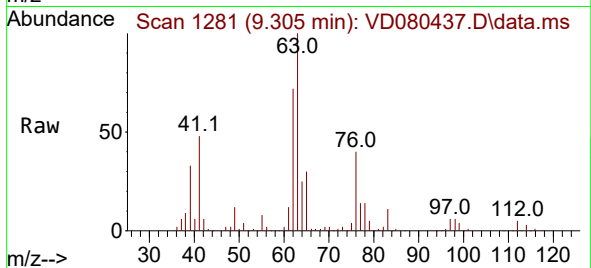
VSTD100880

Tgt Ion: 63 Resp: 403666

Ion Ratio Lower Upper

63 100

112 4.8 3.9 5.9



#38

Bromodichloromethane

Concen: 93.96 ug/L

RT: 9.582 min Scan# 1328

Delta R.T. -0.000 min

Lab File: VD080437.D

Acq: 13 Jun 2025 13:52

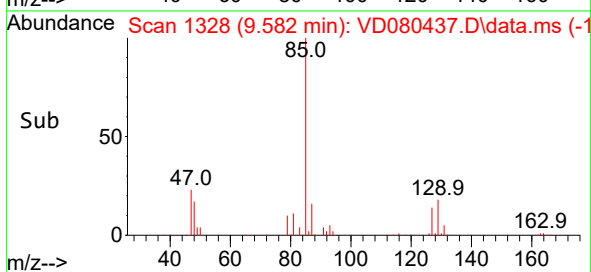
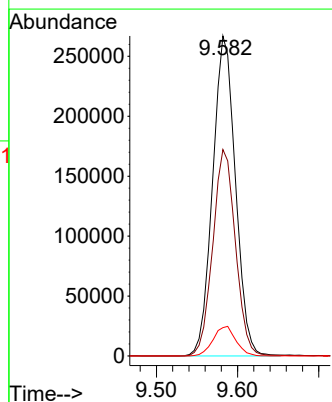
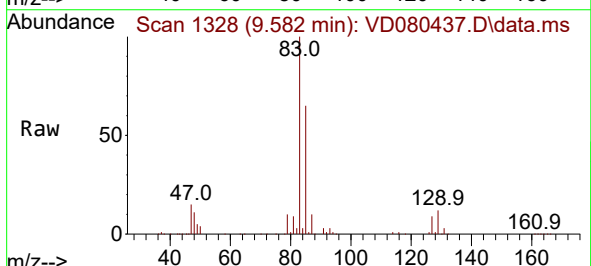
Tgt Ion: 83 Resp: 521216

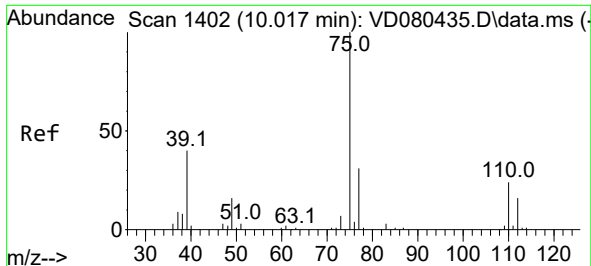
Ion Ratio Lower Upper

83 100

85 64.5 44.7 83.1

127 8.8 7.6 11.4





#39

cis-1,3-Dichloropropene

Concen: 105.85 ug/L

RT: 10.017 min Scan# 1402

Delta R.T. -0.000 min

Lab File: VD080437.D

Acq: 13 Jun 2025 13:52

Instrument :

MSVOA_D

ClientSampleId :

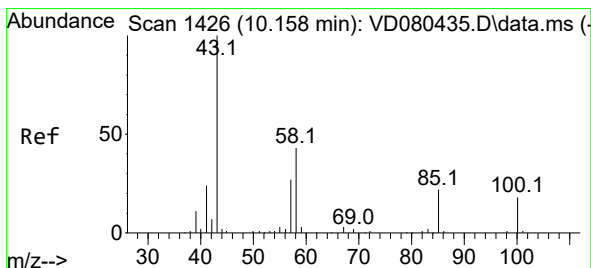
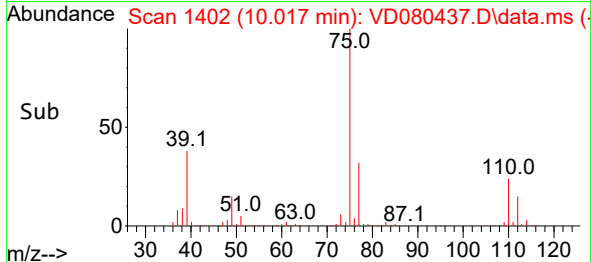
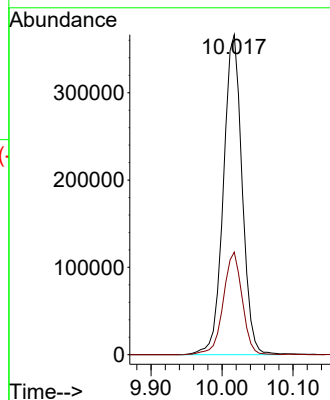
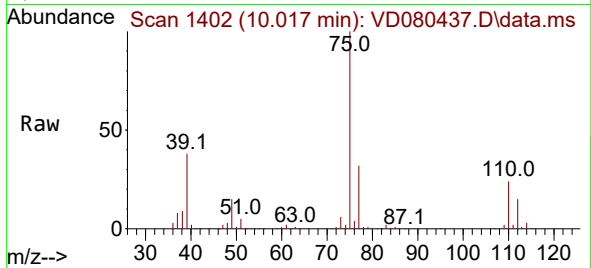
VSTD100880

Tgt Ion: 75 Resp: 669368

Ion Ratio Lower Upper

75 100

77 32.0 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 216.33 ug/L

RT: 10.158 min Scan# 1426

Delta R.T. -0.000 min

Lab File: VD080437.D

Acq: 13 Jun 2025 13:52

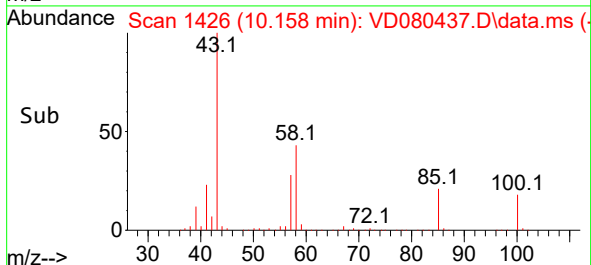
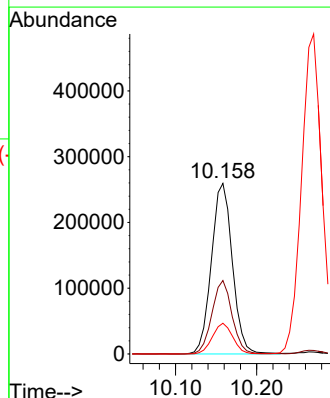
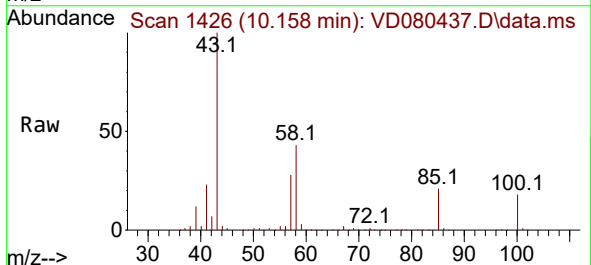
Tgt Ion: 43 Resp: 465671

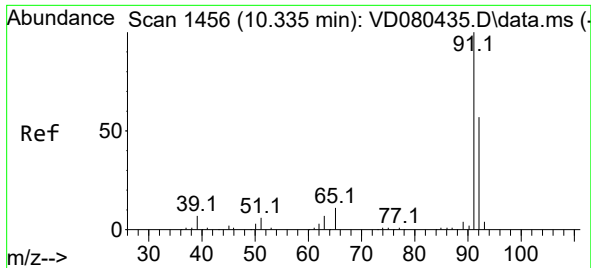
Ion Ratio Lower Upper

43 100

58 41.5 32.6 48.8

100 17.4 14.1 21.1

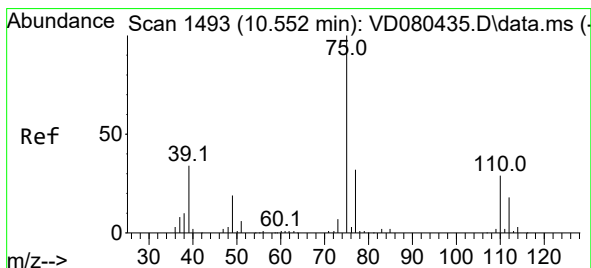
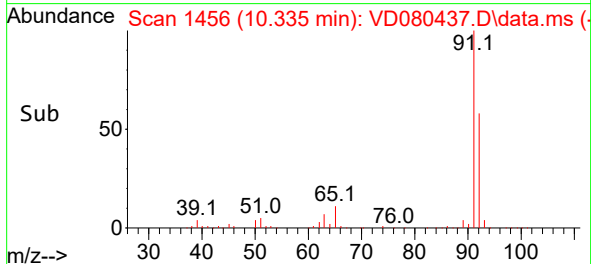
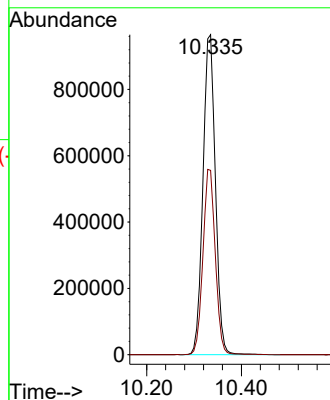
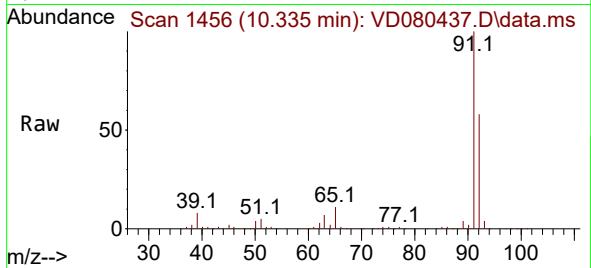




#42
Toluene
Concen: 103.29 ug/L
RT: 10.335 min Scan# 1456
Delta R.T. -0.000 min
Lab File: VD080437.D
Acq: 13 Jun 2025 13:52

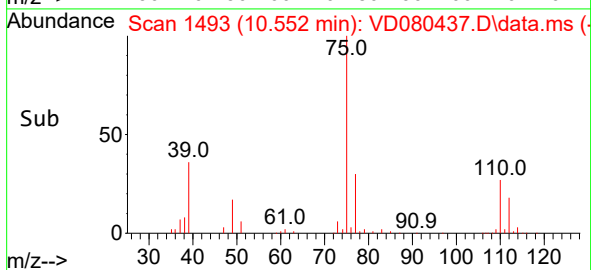
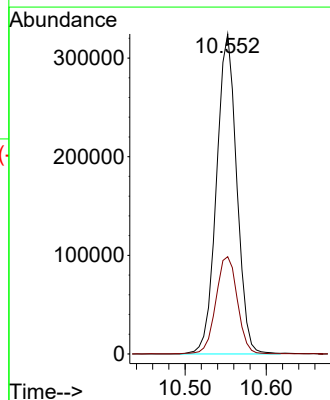
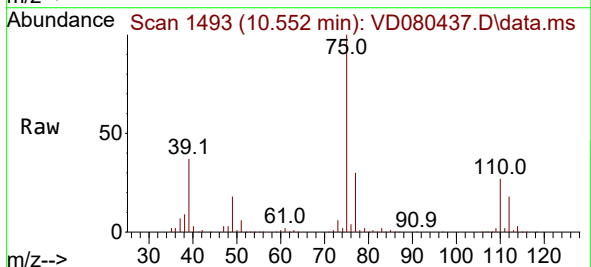
Instrument :
MSVOA_D
ClientSampleId :
VSTD100880

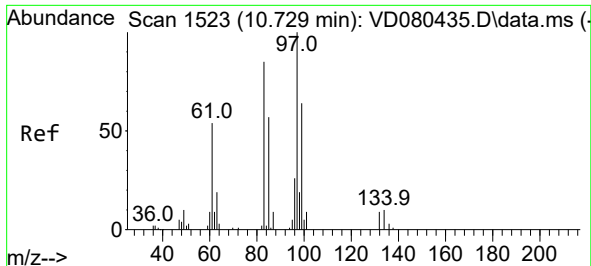
Tgt Ion: 91 Resp: 1753425
Ion Ratio Lower Upper
91 100
92 57.6 39.7 73.7



#44
trans-1,3-Dichloropropene
Concen: 103.04 ug/L
RT: 10.552 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VD080437.D
Acq: 13 Jun 2025 13:52

Tgt Ion: 75 Resp: 562462
Ion Ratio Lower Upper
75 100
77 30.4 22.6 42.0



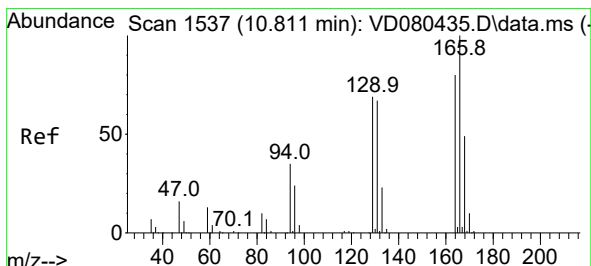
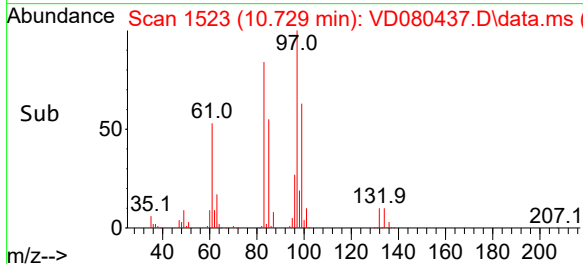
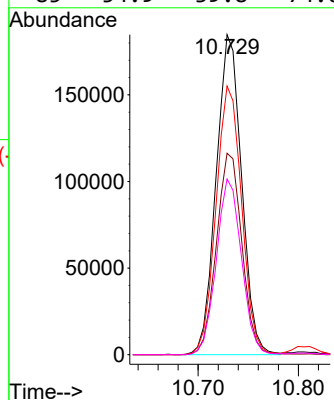
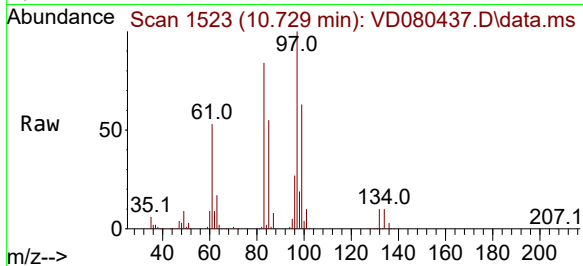


#45
1,1,2-Trichloroethane
Concen: 93.95 ug/L
RT: 10.729 min Scan# 1523
Delta R.T. -0.000 min
Lab File: VD080437.D
Acq: 13 Jun 2025 13:52

Instrument :
MSVOA_D
ClientSampleId :
VSTD100880

Tgt Ion: 97 Resp: 325707

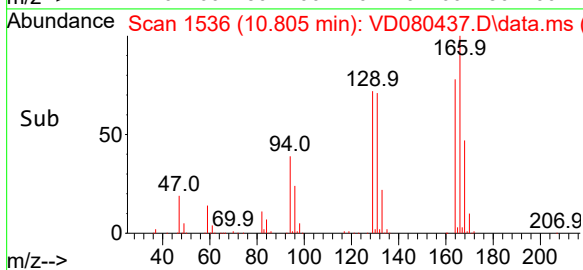
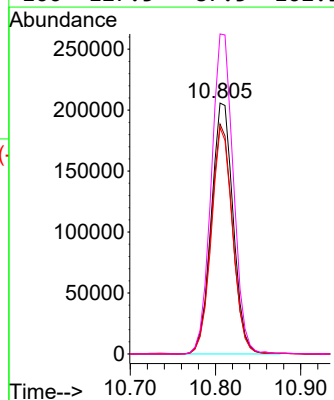
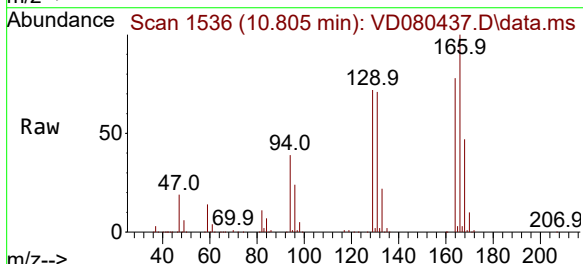
Ion	Ratio	Lower	Upper
97	100		
99	63.0	44.8	83.2
83	84.0	59.7	110.9
85	54.9	39.8	74.0

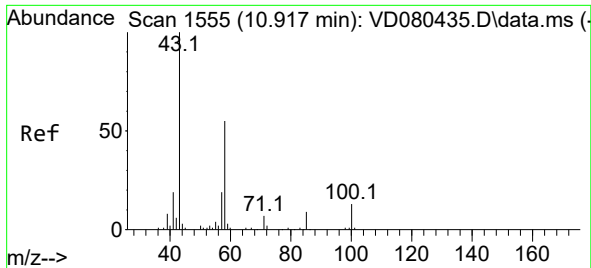


#46
Tetrachloroethene
Concen: 97.54 ug/L
RT: 10.805 min Scan# 1536
Delta R.T. -0.006 min
Lab File: VD080437.D
Acq: 13 Jun 2025 13:52

Tgt Ion: 164 Resp: 368584

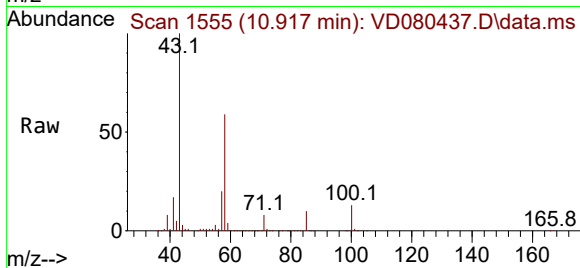
Ion	Ratio	Lower	Upper
164	100		
129	91.7	60.2	111.8
131	90.2	58.3	108.3
166	127.5	87.5	162.5



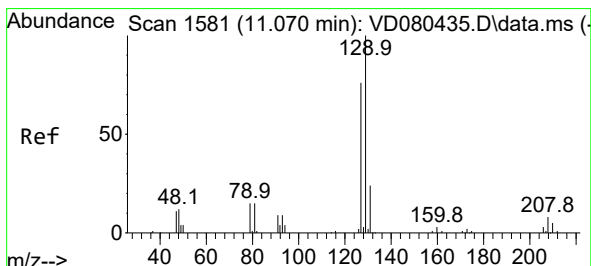
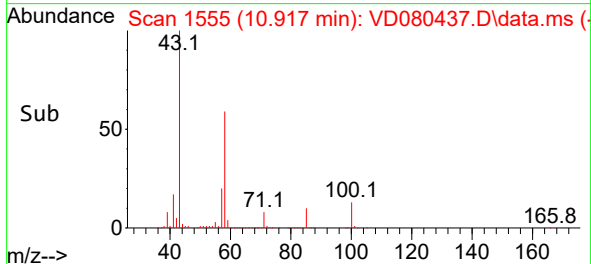
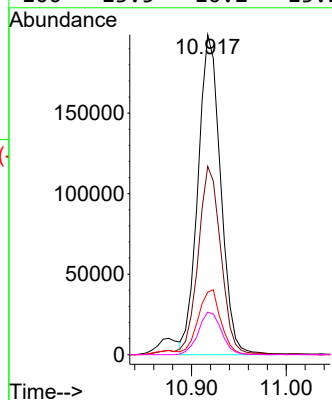


#48
2-Hexanone
Concen: 209.73 ug/L
RT: 10.917 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD080437.D
Acq: 13 Jun 2025 13:52

Instrument :
MSVOA_D
ClientSampleId :
VSTD100880

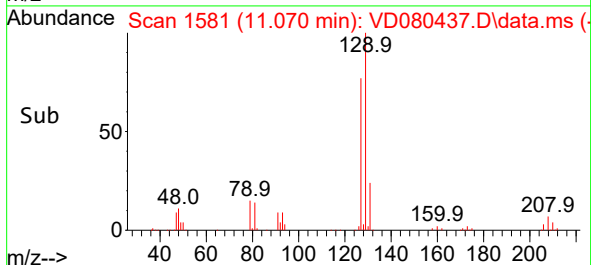
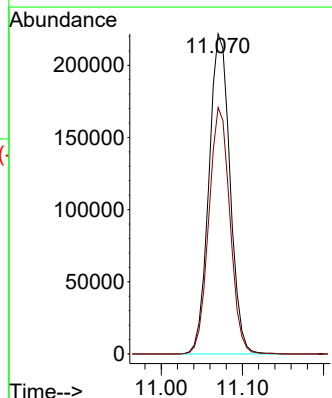
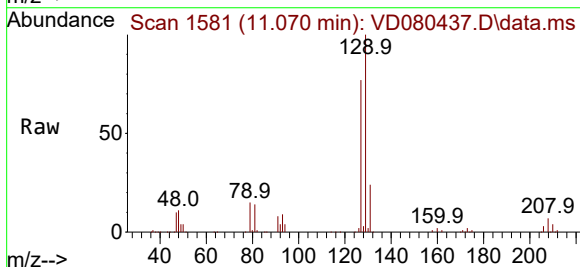


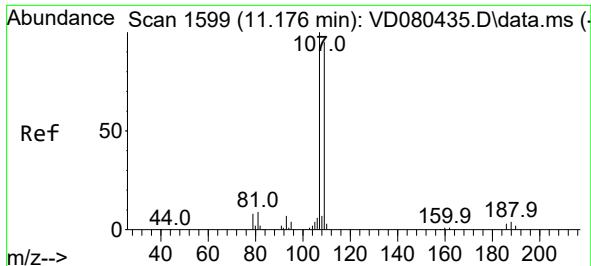
Tgt Ion: 43 Resp: 330377
Ion Ratio Lower Upper
43 100
58 59.1 43.5 65.3
57 20.4 15.4 23.0
100 13.5 10.2 15.2



#49
Dibromochloromethane
Concen: 97.08 ug/L
RT: 11.070 min Scan# 1581
Delta R.T. -0.000 min
Lab File: VD080437.D
Acq: 13 Jun 2025 13:52

Tgt Ion: 129 Resp: 400009
Ion Ratio Lower Upper
129 100
127 77.0 53.3 98.9

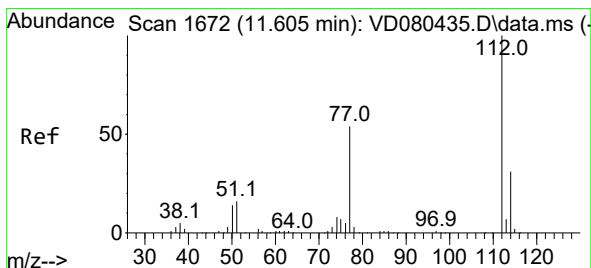
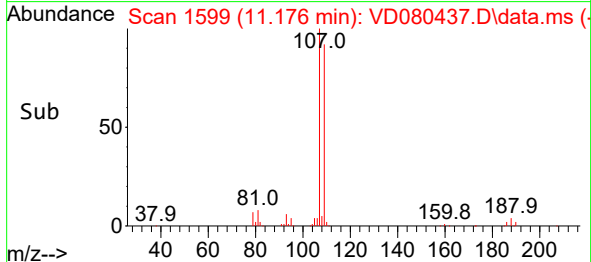
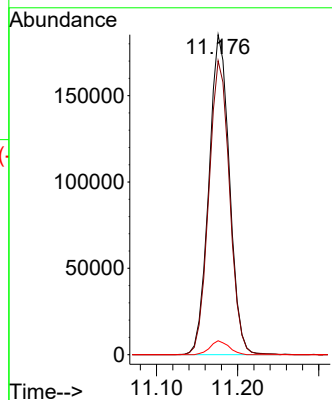
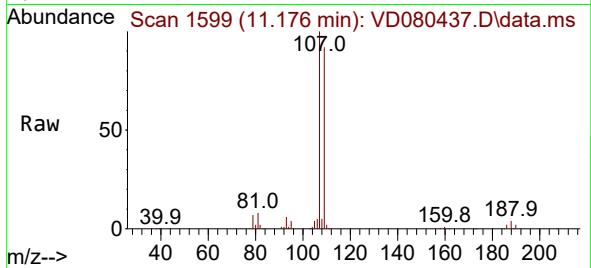




#50
1,2-Dibromoethane
Concen: 100.06 ug/L
RT: 11.176 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VD080437.D
Acq: 13 Jun 2025 13:52

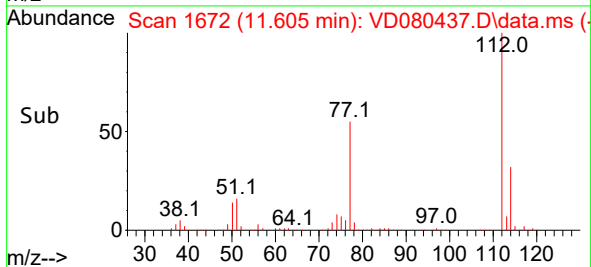
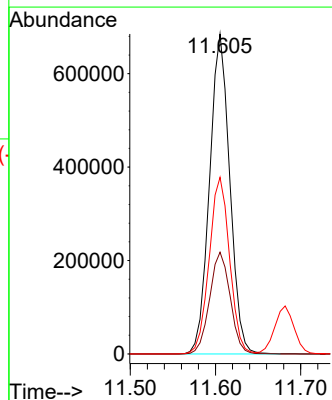
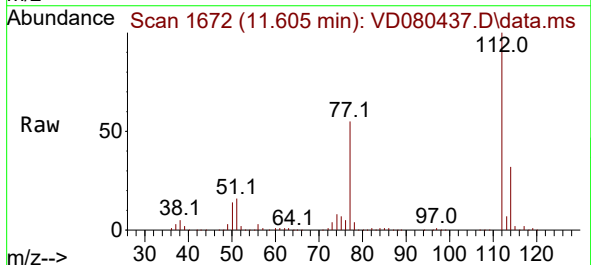
Instrument :
MSVOA_D
ClientSampleId :
VSTD100880

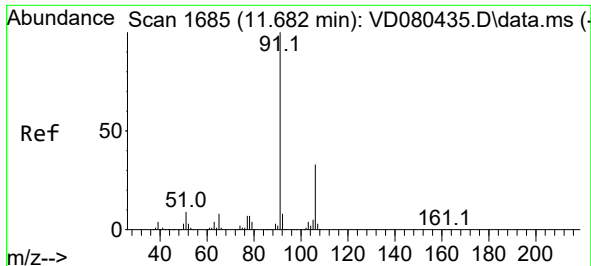
Tgt Ion:107 Resp: 326595
Ion Ratio Lower Upper
107 100
109 91.8 66.3 123.1
188 4.3 3.3 4.9



#51
Chlorobenzene
Concen: 97.30 ug/L
RT: 11.605 min Scan# 1672
Delta R.T. -0.000 min
Lab File: VD080437.D
Acq: 13 Jun 2025 13:52

Tgt Ion:112 Resp: 1129137
Ion Ratio Lower Upper
112 100
114 31.8 21.9 40.7
77 55.2 43.4 65.2

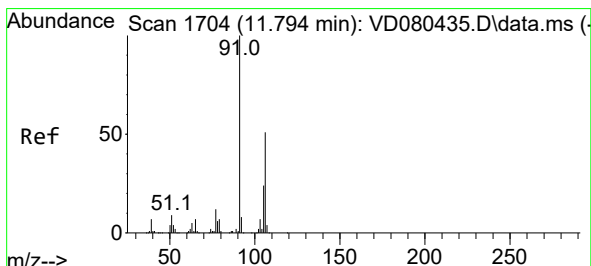
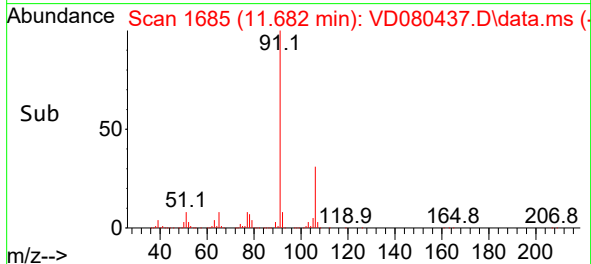
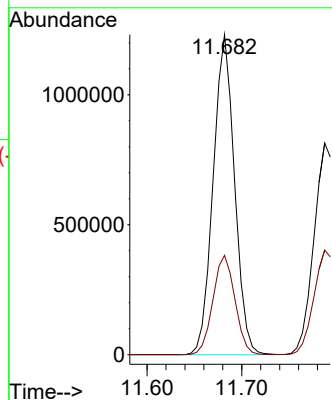
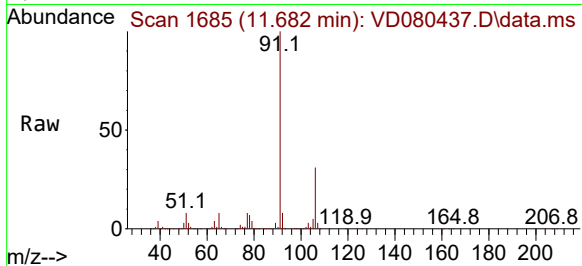




#52
Ethylbenzene
Concen: 105.50 ug/L
RT: 11.682 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VD080437.D
Acq: 13 Jun 2025 13:52

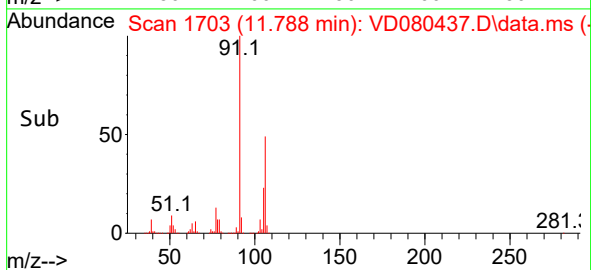
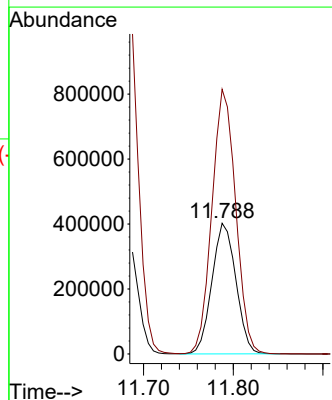
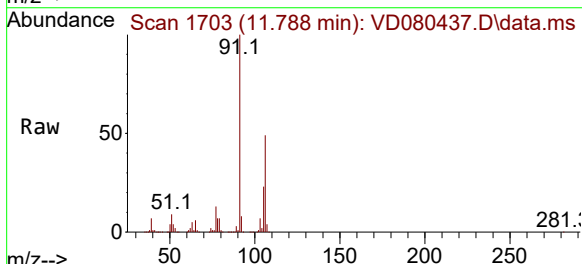
Instrument :
MSVOA_D
ClientSampleId :
VSTD100880

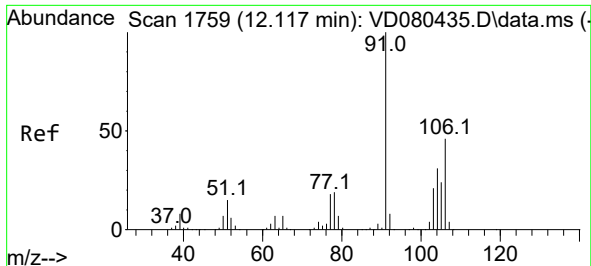
Tgt Ion: 91 Resp: 1927804
Ion Ratio Lower Upper
91 100
106 31.1 23.0 42.6



#53
m,p-Xylene
Concen: 105.64 ug/L
RT: 11.788 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD080437.D
Acq: 13 Jun 2025 13:52

Tgt Ion:106 Resp: 746416
Ion Ratio Lower Upper
106 100
91 202.4 136.8 254.2

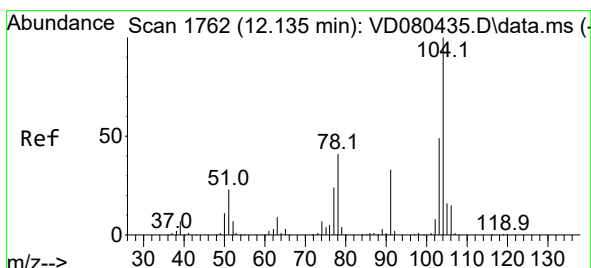
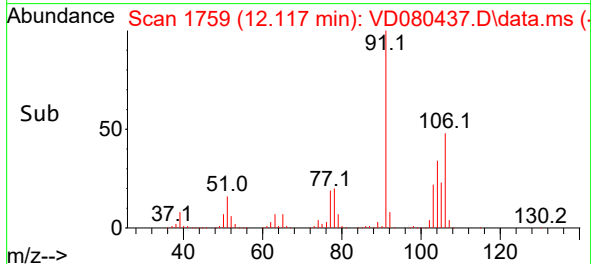
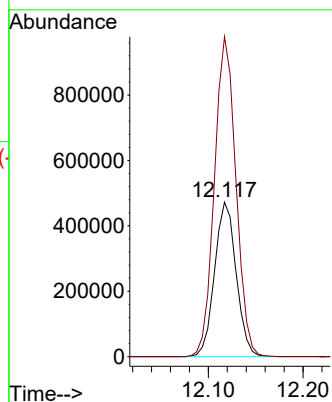
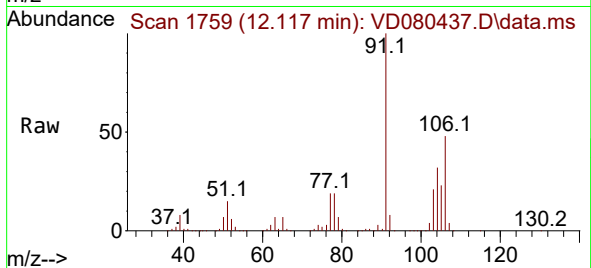




#54
o-Xylene
Concen: 110.31 ug/L
RT: 12.117 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VD080437.D
Acq: 13 Jun 2025 13:52

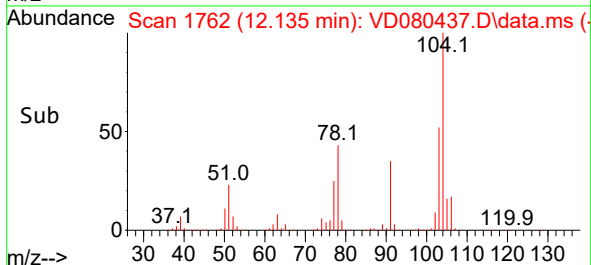
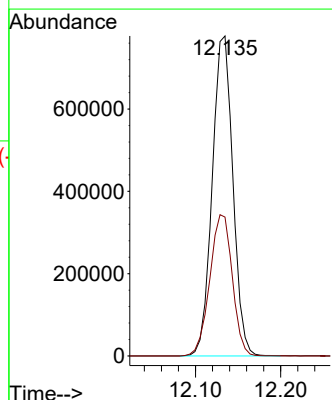
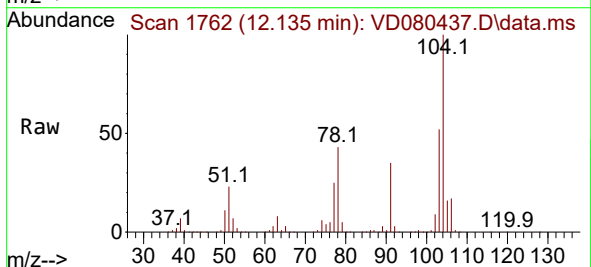
Instrument :
MSVOA_D
ClientSampleId :
VSTD100880

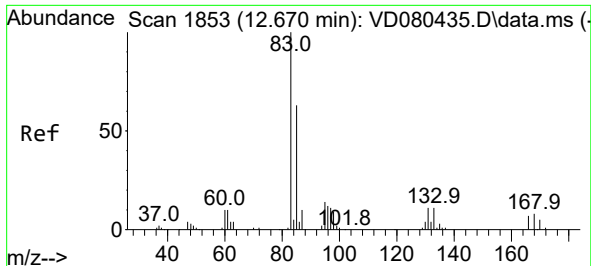
Tgt Ion:106 Resp: 747665
Ion Ratio Lower Upper
106 100
91 207.0 150.8 280.0



#55
Styrene
Concen: 108.20 ug/L
RT: 12.135 min Scan# 1762
Delta R.T. -0.000 min
Lab File: VD080437.D
Acq: 13 Jun 2025 13:52

Tgt Ion:104 Resp: 1307743
Ion Ratio Lower Upper
104 100
78 43.4 28.7 53.3

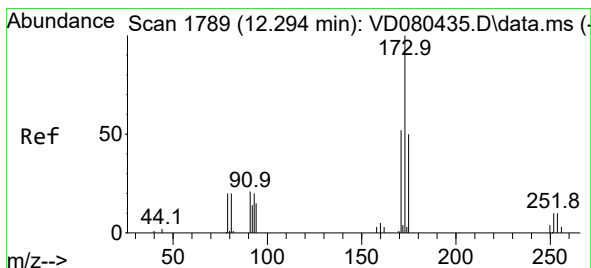
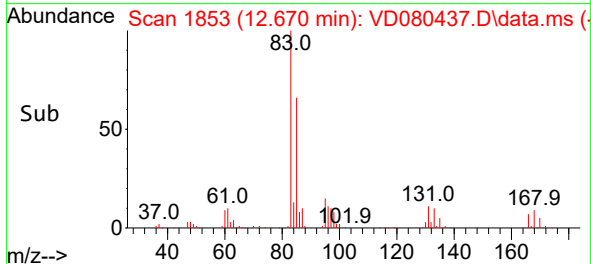
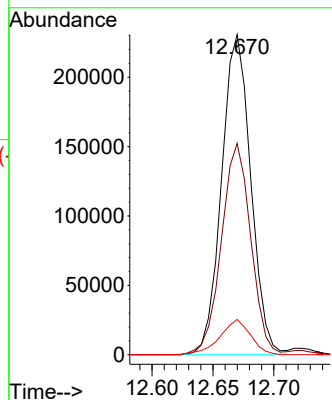
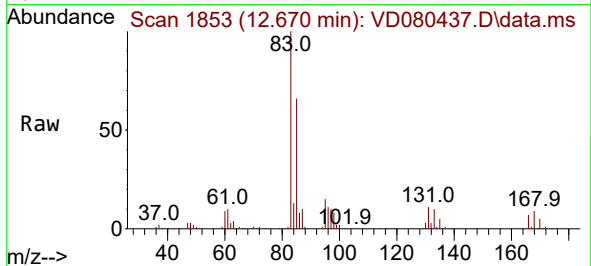




#57
1,1,2-Tetrachloroethane
Concen: 95.71 ug/L
RT: 12.670 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VD080437.D
Acq: 13 Jun 2025 13:52

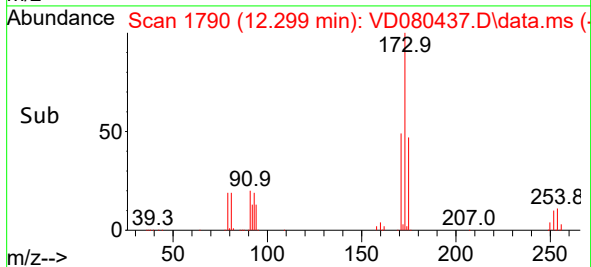
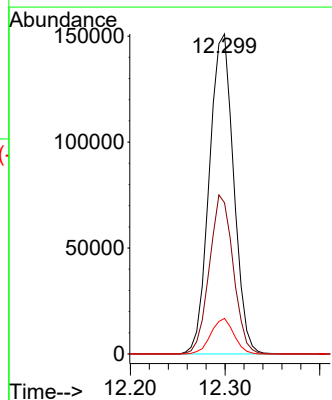
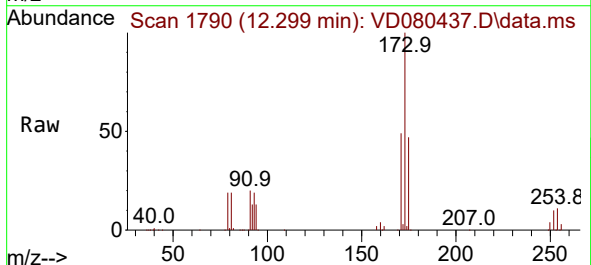
Instrument :
MSVOA_D
ClientSampleId :
VSTD100880

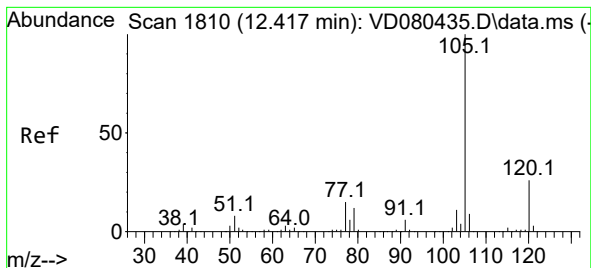
Tgt Ion: 83 Resp: 383870
Ion Ratio Lower Upper
83 100
85 66.0 44.0 81.8
131 11.0 8.9 13.3



#59
Bromoform
Concen: 93.10 ug/L
RT: 12.299 min Scan# 1790
Delta R.T. 0.006 min
Lab File: VD080437.D
Acq: 13 Jun 2025 13:52

Tgt Ion:173 Resp: 269939
Ion Ratio Lower Upper
173 100
175 48.7 39.7 59.5
254 10.5 9.5 14.3





#60

Isopropylbenzene

Concen: 105.06 ug/L

RT: 12.417 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VD080437.D

Acq: 13 Jun 2025 13:52

Instrument :

MSVOA_D

ClientSampleId :

VSTD100880

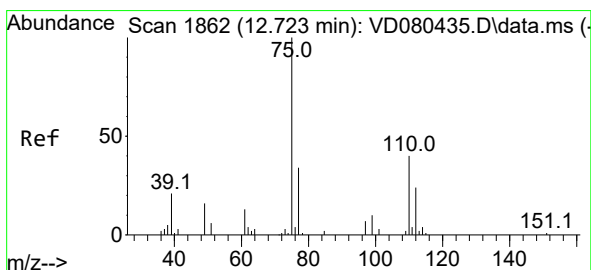
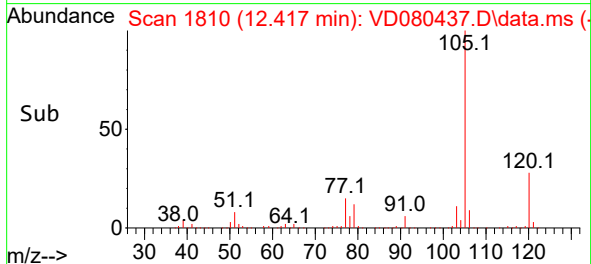
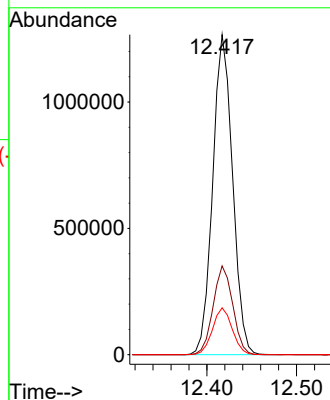
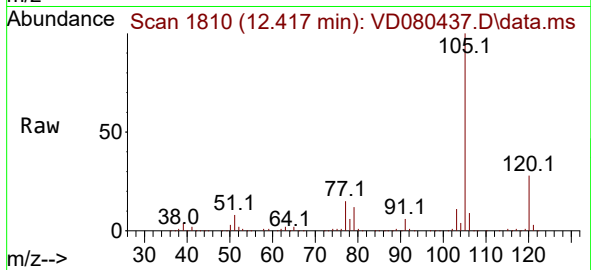
Tgt Ion:105 Resp: 1944459

Ion Ratio Lower Upper

105 100

120 27.4 21.4 32.0

77 14.6 11.8 17.8



#61

1,2,3-Trichloropropane

Concen: 89.47 ug/L

RT: 12.723 min Scan# 1862

Delta R.T. -0.000 min

Lab File: VD080437.D

Acq: 13 Jun 2025 13:52

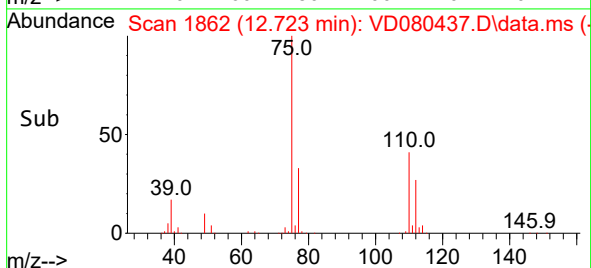
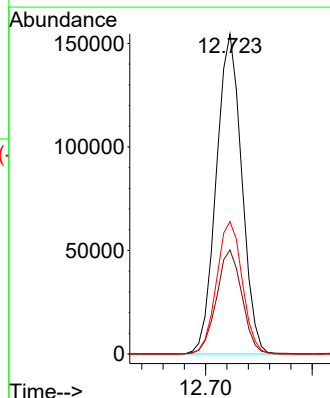
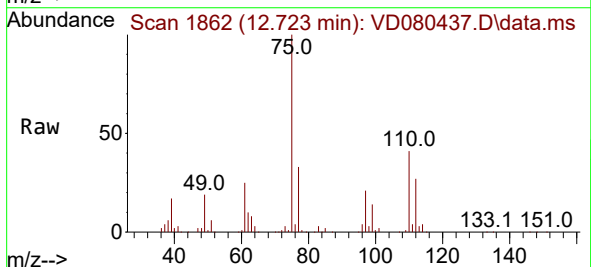
Tgt Ion: 75 Resp: 256413

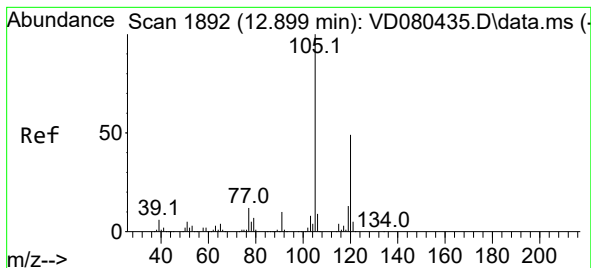
Ion Ratio Lower Upper

75 100

77 32.6 25.9 38.9

110 41.7 31.4 47.0





#62

1,3,5-Trimethylbenzene

Concen: 108.99 ug/L

RT: 12.899 min Scan# 1892

Delta R.T. -0.000 min

Lab File: VD080437.D

Acq: 13 Jun 2025 13:52

Instrument :

MSVOA_D

ClientSampleId :

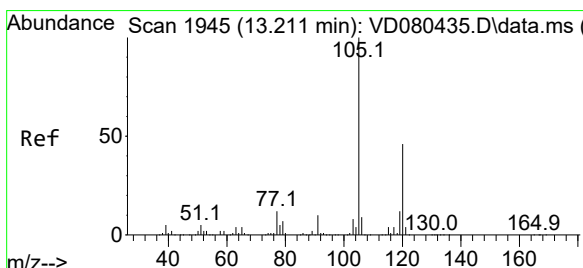
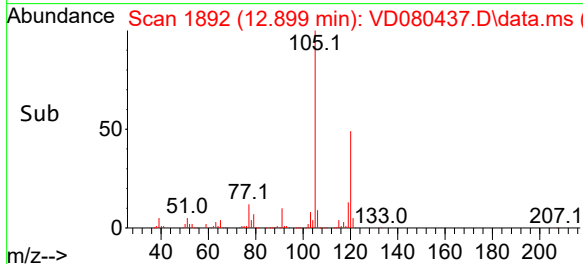
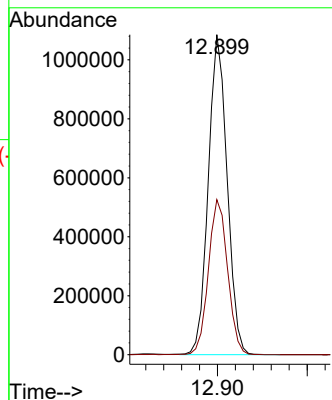
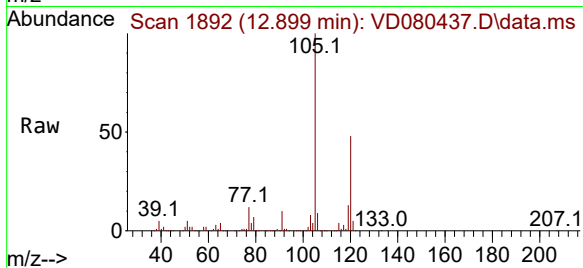
VSTD100880

Tgt Ion:105 Resp: 1579315

Ion Ratio Lower Upper

105 100

120 49.4 39.8 59.6



#63

1,2,4-Trimethylbenzene

Concen: 109.27 ug/L

RT: 13.205 min Scan# 1944

Delta R.T. -0.006 min

Lab File: VD080437.D

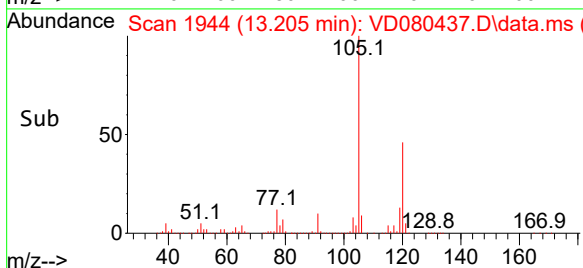
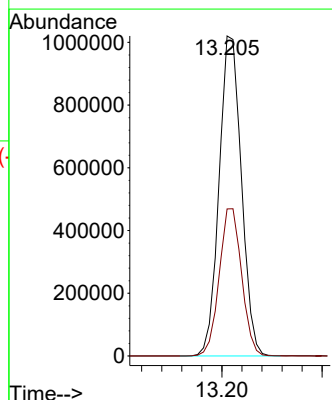
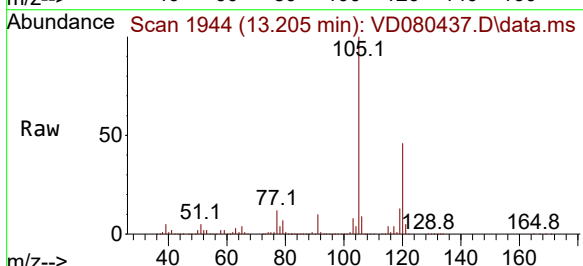
Acq: 13 Jun 2025 13:52

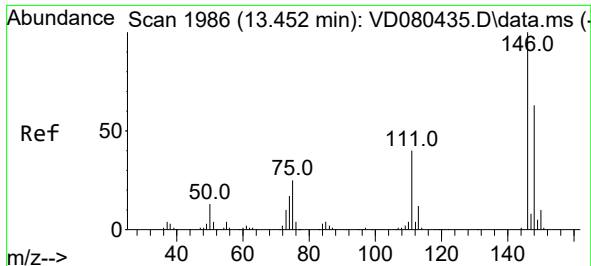
Tgt Ion:105 Resp: 1570636

Ion Ratio Lower Upper

105 100

120 46.3 37.3 55.9

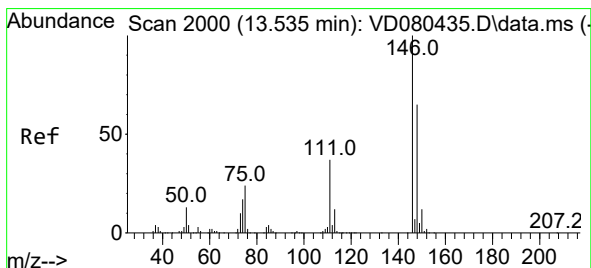
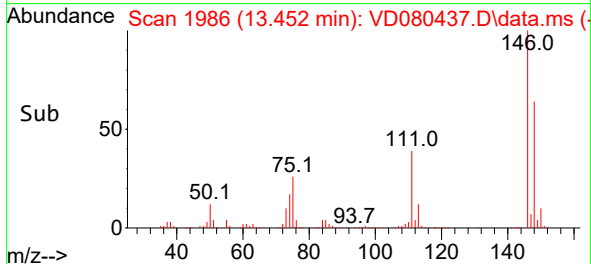
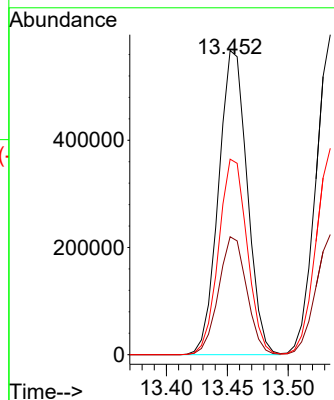
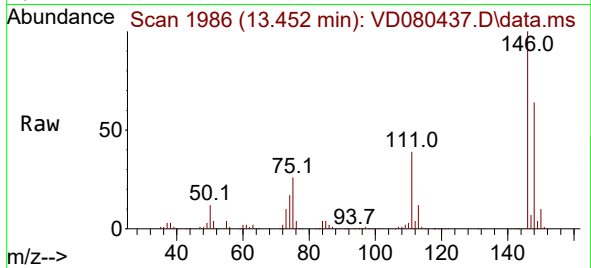




#64
1,3-Dichlorobenzene
Concen: 96.83 ug/L
RT: 13.452 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VD080437.D
Acq: 13 Jun 2025 13:52

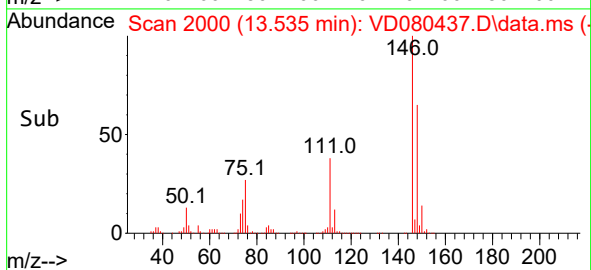
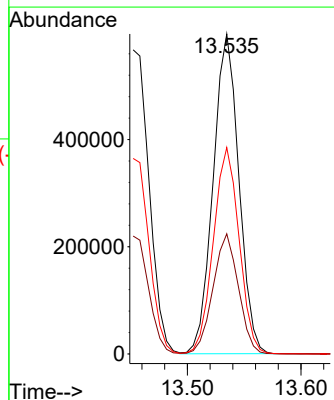
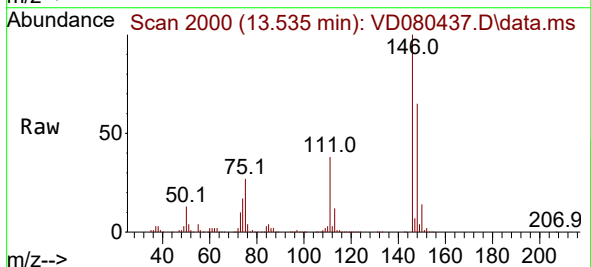
Instrument :
MSVOA_D
ClientSampleId :
VSTD100880

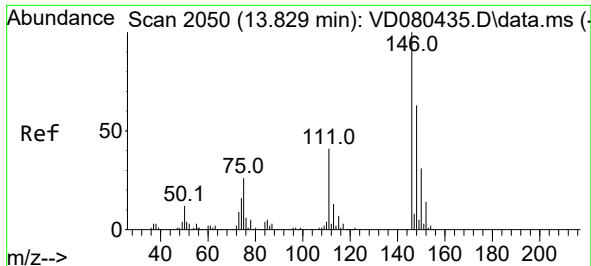
Tgt Ion:146 Resp: 930960
Ion Ratio Lower Upper
146 100
111 38.8 28.1 52.3
148 64.3 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 94.00 ug/L
RT: 13.535 min Scan# 2000
Delta R.T. -0.000 min
Lab File: VD080437.D
Acq: 13 Jun 2025 13:52

Tgt Ion:146 Resp: 939157
Ion Ratio Lower Upper
146 100
111 37.6 26.0 48.4
148 64.5 45.4 84.2

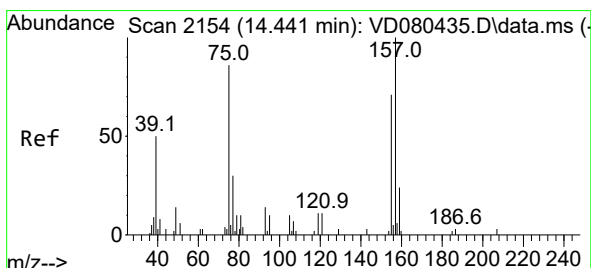
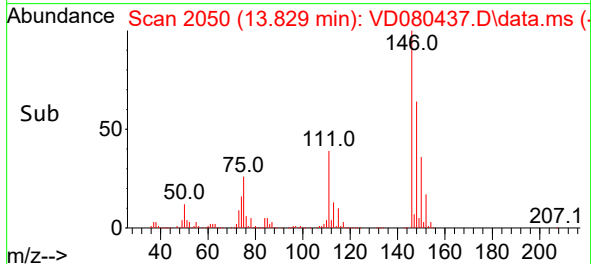
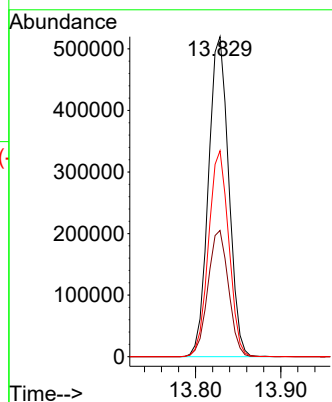
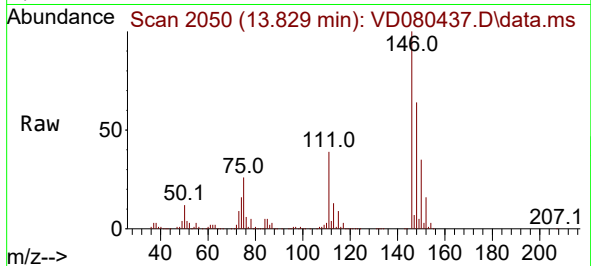




#67
1,2-Dichlorobenzene
Concen: 96.07 ug/L
RT: 13.829 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VD080437.D
Acq: 13 Jun 2025 13:52

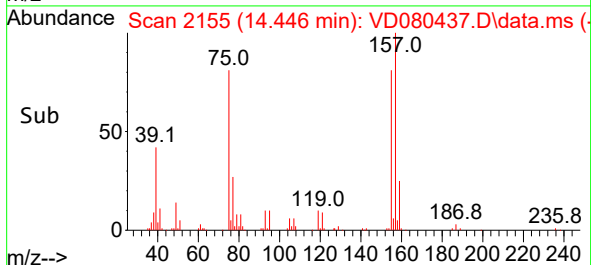
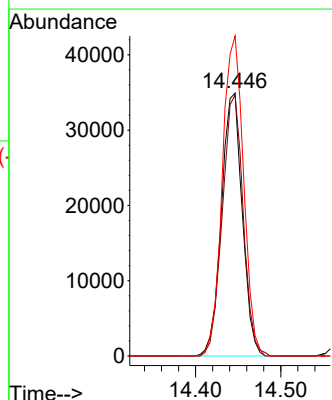
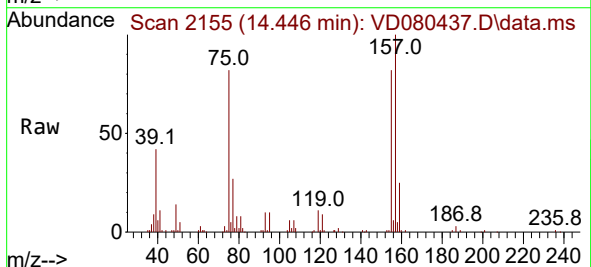
Instrument :
MSVOA_D
ClientSampleId :
VSTD100880

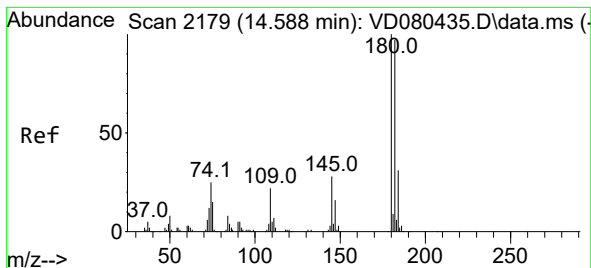
Tgt Ion:146 Resp: 857303
Ion Ratio Lower Upper
146 100
111 39.5 32.9 49.3
148 64.4 50.3 75.5



#68
1,2-Dibromo-3-chloropropane
Concen: 91.05 ug/L
RT: 14.446 min Scan# 2155
Delta R.T. 0.006 min
Lab File: VD080437.D
Acq: 13 Jun 2025 13:52

Tgt Ion: 75 Resp: 59269
Ion Ratio Lower Upper
75 100
155 99.3 66.9 100.3
157 121.7 93.5 140.3





#69

1,3,5-Trichlorobenzene

Concen: 98.76 ug/L

RT: 14.587 min Scan# 2179

Delta R.T. -0.000 min

Lab File: VD080437.D

Acq: 13 Jun 2025 13:52

Instrument :

MSVOA_D

ClientSampleId :

VSTD100880

Tgt Ion:180 Resp: 654467

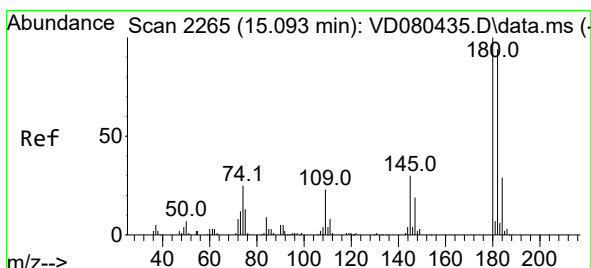
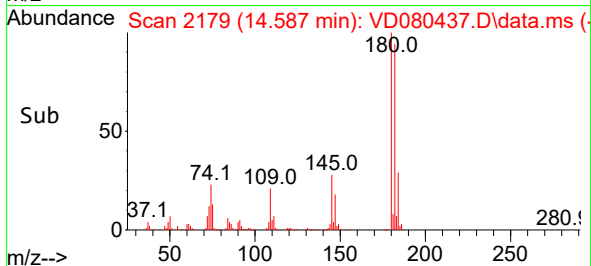
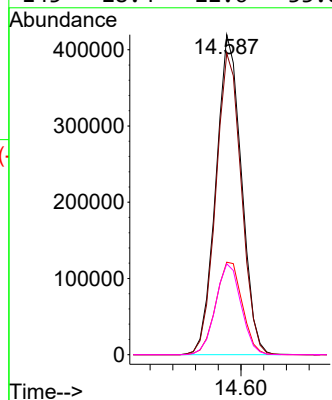
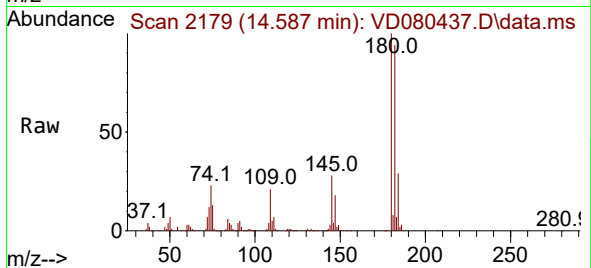
Ion Ratio Lower Upper

180 100

182 94.2 76.3 114.5

184 30.0 25.1 37.7

145 28.4 22.6 33.8



#70

1,2,4-trichlorobenzene

Concen: 103.24 ug/L

RT: 15.093 min Scan# 2265

Delta R.T. -0.000 min

Lab File: VD080437.D

Acq: 13 Jun 2025 13:52

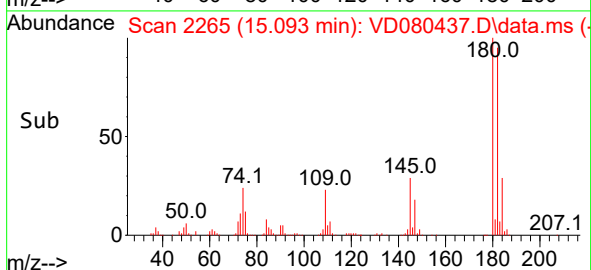
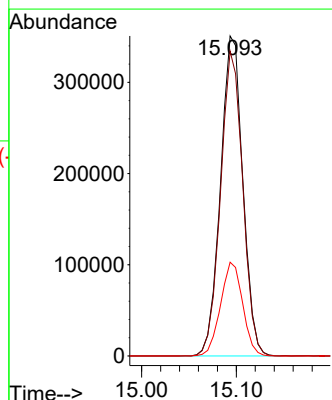
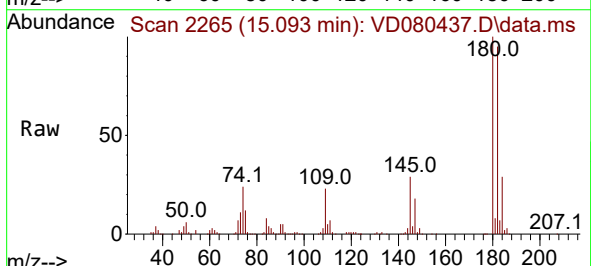
Tgt Ion:180 Resp: 575109

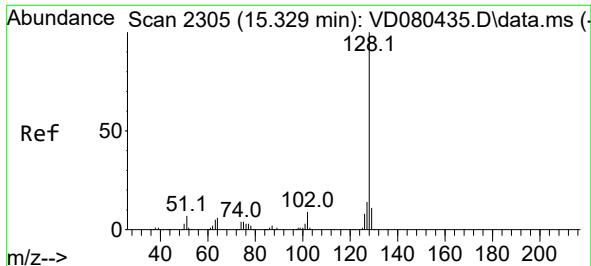
Ion Ratio Lower Upper

180 100

182 94.5 75.0 112.6

145 29.0 22.9 34.3

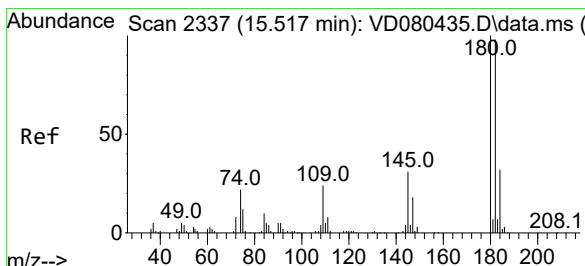
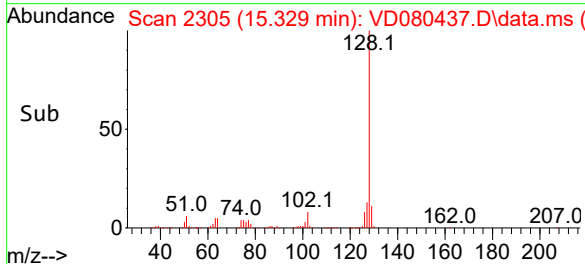
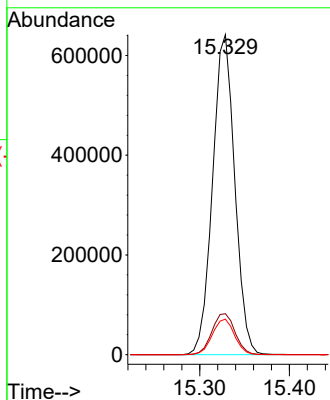
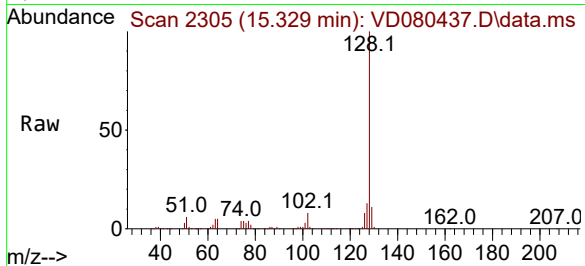




#71
Naphthalene
Concen: 110.60 ug/L
RT: 15.329 min Scan# 2305
Delta R.T. -0.000 min
Lab File: VD080437.D
Acq: 13 Jun 2025 13:52

Instrument :
MSVOA_D
ClientSampleId :
VSTD100880

Tgt Ion:128 Resp: 1099404
Ion Ratio Lower Upper
128 100
127 13.4 11.3 16.9
129 11.1 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 101.76 ug/L
RT: 15.517 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VD080437.D
Acq: 13 Jun 2025 13:52

Tgt Ion:180 Resp: 523958
Ion Ratio Lower Upper
180 100
182 94.5 77.0 115.6
145 31.2 25.2 37.8

