

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061325\
 Data File : VD080435.D
 Acq On : 13 Jun 2025 12:59
 Operator : RP/MD
 Sample : VSTD025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025878

Quant Time: Jun 16 09:49:13 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	233876	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.576	117	225679	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.517	152	124065	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	89666	22.33	ug/L	0.00
7) Chloroethane-d5	2.806	69	75822	22.45	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.918	65	30148	21.83	ug/L	0.00
21) 2-Butanone-d5	6.982	46	32371	46.12	ug/L	0.00
24) Chloroform-d	7.570	84	154758	22.92	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.229	65	77645	23.24	ug/L	0.00
32) Benzene-d6	8.200	84	300881	23.83	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.211	67	92943	22.96	ug/L	0.00
41) Toluene-d8	10.264	98	290365	24.46	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.523	79	41601	24.46	ug/L	0.00
47) 2-Hexanone-d5	10.876	63	28595	46.59	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.647	84	83593	23.32	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.811	152	103724	22.43	ug/L	0.00
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.935	85	86990	23.05	ug/L	100
3) Chloromethane	2.147	50	88323	23.71	ug/L	100
5) Vinyl chloride	2.282	62	109129	24.72	ug/L	100
6) Bromomethane	2.694	94	55327	23.60	ug/L	100
8) Chloroethane	2.841	64	70345	23.69	ug/L	100
9) Trichlorofluoromethane	3.176	101	142649	24.34	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.970	101	90163	24.55	ug/L	100
12) 1,1-Dichloroethene	3.941	96	76528	24.10	ug/L	100
13) Acetone	4.023	43	30724	48.39	ug/L	100
14) Carbon disulfide	4.270	76	262582	24.43	ug/L	100
15) Methyl Acetate	4.565	43	36522	24.25	ug/L	100
16) Methylene chloride	4.800	84	103640	23.67	ug/L	100
17) trans-1,2-Dichloroethene	5.312	96	87416	24.55	ug/L	100
18) Methyl tert-butyl Ether	5.317	73	177128	25.44	ug/L	100
19) 1,1-Dichloroethane	6.112	63	153674	24.80	ug/L	100
20) cis-1,2-Dichloroethene	7.082	96	96422	25.35	ug/L	100
22) 2-Butanone	7.082	43	44031	50.42	ug/L	100
23) Bromochloromethane	7.423	128	49052	25.24	ug/L	100
25) Chloroform	7.600	83	173020	25.12	ug/L	100
27) 1,2-Dichloroethane	8.323	62	100355	25.43	ug/L	100
29) Cyclohexane	7.876	56	132271	26.38	ug/L	100
30) 1,1,1-Trichloroethane	7.794	97	141149	24.88	ug/L	100
31) Carbon tetrachloride	7.988	117	130645	24.71	ug/L	100
33) Benzene	8.253	78	354928	25.58	ug/L	100
34) Trichloroethene	9.029	95	95249	24.53	ug/L	100
35) Methylcyclohexane	9.276	83	148766	25.98	ug/L	100
37) 1,2-Dichloropropane	9.306	63	94756	24.94	ug/L	100
38) Bromodichloromethane	9.582	83	125720	25.28	ug/L	100
39) cis-1,3-Dichloropropene	10.017	75	143063	25.24	ug/L	100
40) 4-Methyl-2-pentanone	10.158	43	101124	52.41	ug/L	100
42) Toluene	10.335	91	399827	26.27	ug/L	100
44) trans-1,3-Dichloropropene	10.552	75	126501	25.85	ug/L	100

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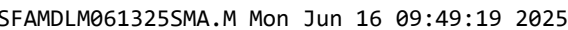
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025878

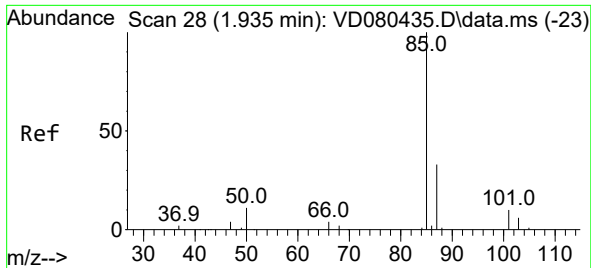
Quant Time: Jun 16 09:49:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061325SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Jun 16 09:46:58 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.729	97	77235	24.85	ug/L	100
46) Tetrachloroethene	10.811	164	86229	25.46	ug/L	100
48) 2-Hexanone	10.917	43	75626	53.56	ug/L	100
49) Dibromochloromethane	11.070	129	93766	25.39	ug/L	100
50) 1,2-Dibromoethane	11.176	107	73365	25.07	ug/L	100
51) Chlorobenzene	11.605	112	263435	25.32	ug/L	100
52) Ethylbenzene	11.682	91	432131	26.38	ug/L	100
53) m,p-Xylene	11.794	106	170901	26.98	ug/L	100
54) o-Xylene	12.117	106	160848	26.47	ug/L	100
55) Styrene	12.135	104	298214	27.53	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.670	83	90768	25.25	ug/L	100
59) Bromoform	12.294	173	64261	24.85	ug/L	100
60) Isopropylbenzene	12.417	105	432005	26.17	ug/L	100
61) 1,2,3-Trichloropropane	12.723	75	63291	24.76	ug/L	100
62) 1,3,5-Trimethylbenzene	12.899	105	338287	26.18	ug/L	100
63) 1,2,4-Trimethylbenzene	13.211	105	344052	26.84	ug/L	100
64) 1,3-Dichlorobenzene	13.452	146	217061	25.32	ug/L	100
65) 1,4-Dichlorobenzene	13.535	146	226620	25.43	ug/L	100
67) 1,2-Dichlorobenzene	13.829	146	199692	25.09	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.441	75	13920	23.98	ug/L	100
69) 1,3,5-Trichlorobenzene	14.588	180	146206	24.74	ug/L	100
70) 1,2,4-trichlorobenzene	15.093	180	122625	24.68	ug/L	100
71) Naphthalene	15.329	128	221952	25.04	ug/L	100
72) 1,2,3-Trichlorobenzene	15.517	180	116561	25.38	ug/L	100

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

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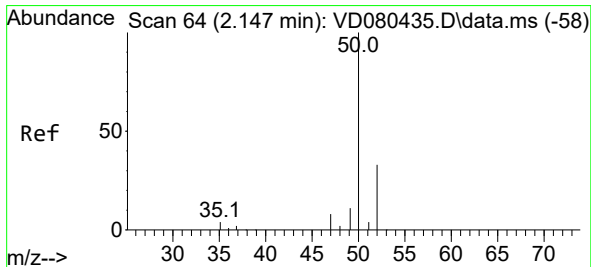
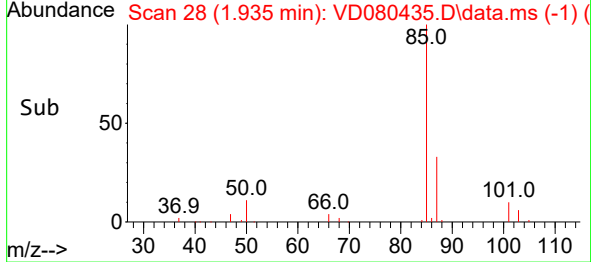
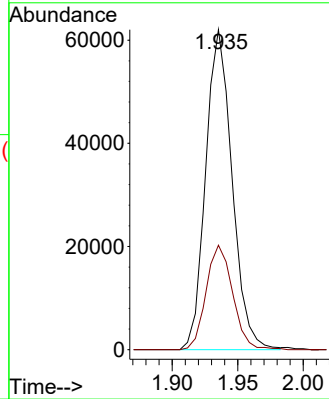
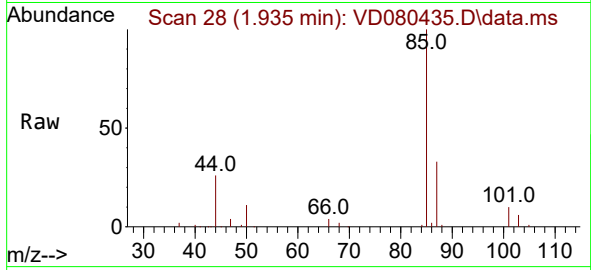




#2
Dichlorodifluoromethane
Concen: 23.05 ug/L
RT: 1.935 min Scan# 28
Delta R.T. 0.000 min
Lab File: VD080435.D
Acq: 13 Jun 2025 12:59

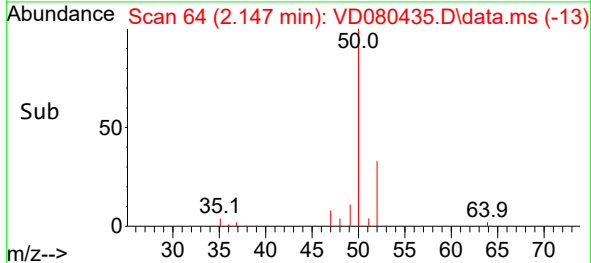
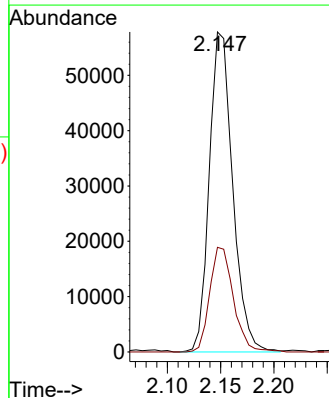
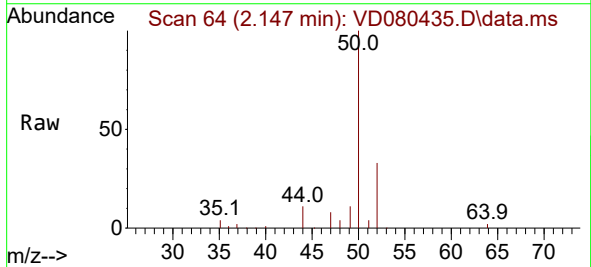
Instrument :
MSVOA_D
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VSTD025878

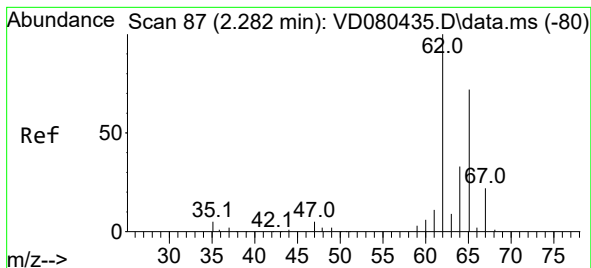
Tgt Ion: 85 Resp: 86990
Ion Ratio Lower Upper
85 100
87 32.8 26.2 39.4



#3
Chloromethane
Concen: 23.71 ug/L
RT: 2.147 min Scan# 64
Delta R.T. 0.000 min
Lab File: VD080435.D
Acq: 13 Jun 2025 12:59

Tgt Ion: 50 Resp: 88323
Ion Ratio Lower Upper
50 100
52 32.7 22.9 42.5





#5

Vinyl chloride

Concen: 24.72 ug/L

RT: 2.282 min Scan# 81

Delta R.T. 0.000 min

Lab File: VD080435.D

Acq: 13 Jun 2025 12:59

Instrument :

MSVOA_D

ClientSampleId :

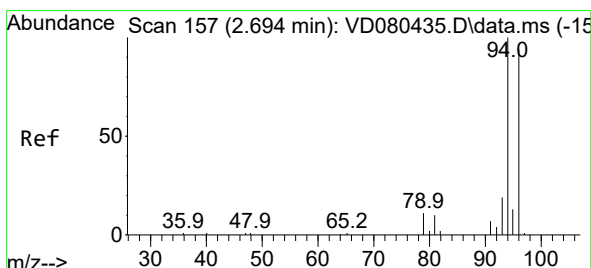
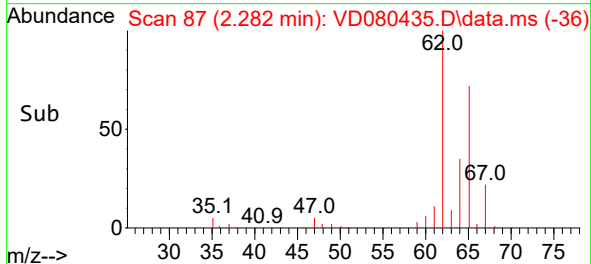
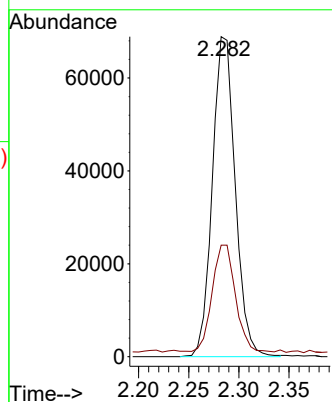
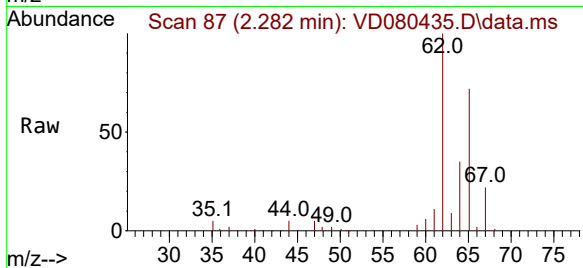
VSTD025878

Tgt Ion: 62 Resp: 109129

Ion Ratio Lower Upper

62 100

64 34.9 24.4 45.4



#6

Bromomethane

Concen: 23.60 ug/L

RT: 2.694 min Scan# 157

Delta R.T. 0.000 min

Lab File: VD080435.D

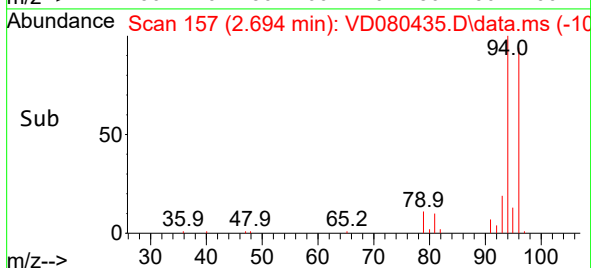
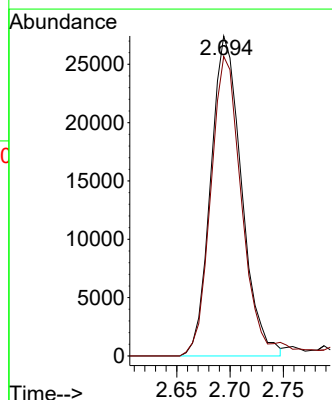
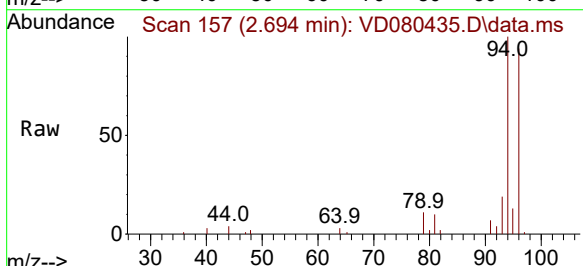
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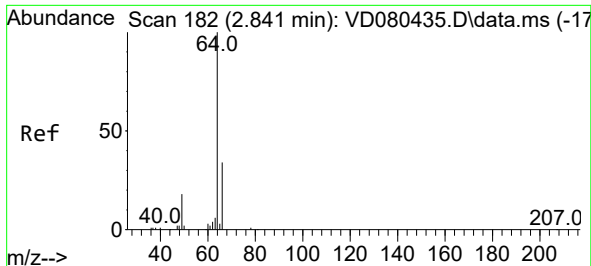
Tgt Ion: 94 Resp: 55327

Ion Ratio Lower Upper

94 100

96 93.6 65.5 121.7

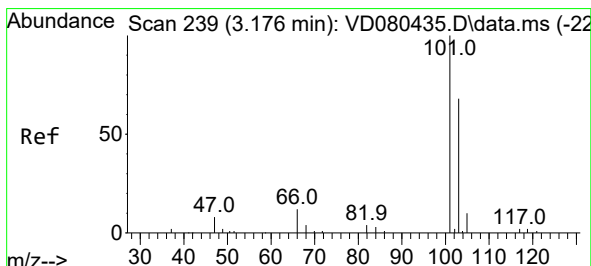
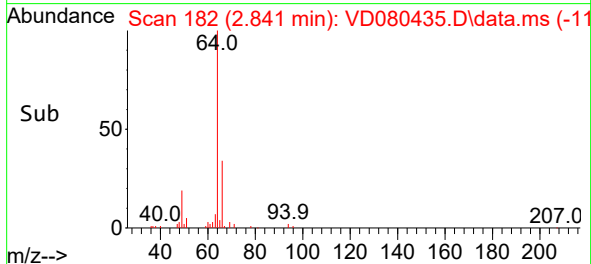
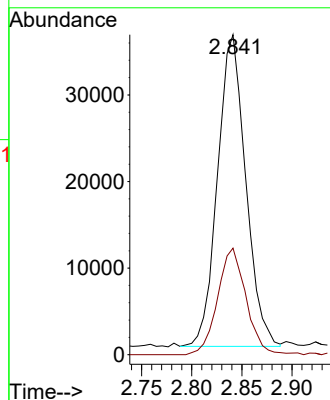
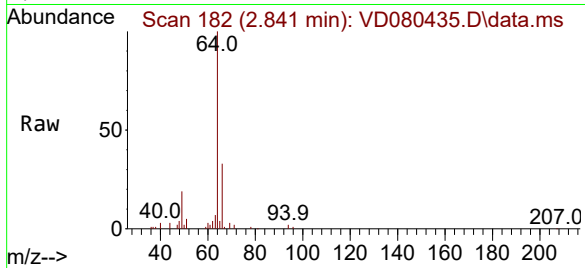




#8
Chloroethane
Concen: 23.69 ug/L
RT: 2.841 min Scan# 182
Delta R.T. 0.000 min
Lab File: VD080435.D
Acq: 13 Jun 2025 12:59

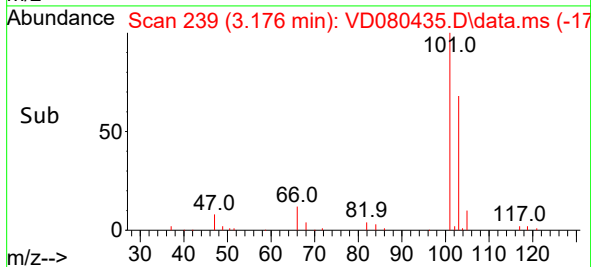
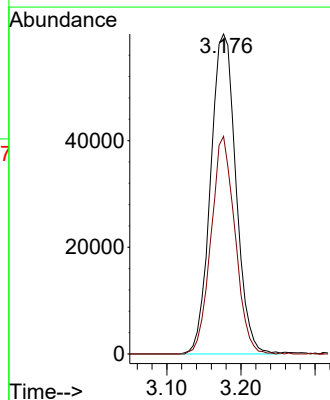
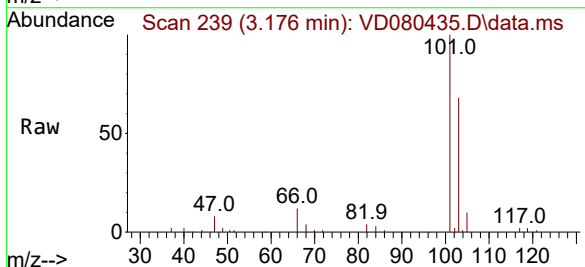
Instrument :
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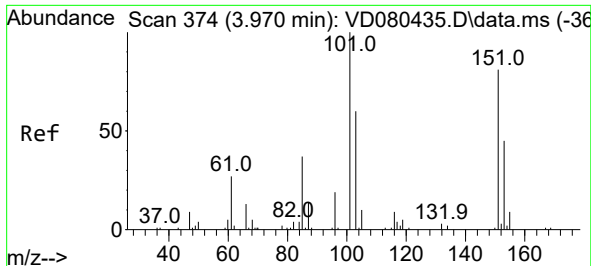
Tgt Ion: 64 Resp: 70345
Ion Ratio Lower Upper
64 100
66 33.3 23.3 43.3



#9
Trichlorofluoromethane
Concen: 24.34 ug/L
RT: 3.176 min Scan# 239
Delta R.T. 0.000 min
Lab File: VD080435.D
Acq: 13 Jun 2025 12:59

Tgt Ion:101 Resp: 142649
Ion Ratio Lower Upper
101 100
103 64.2 51.4 77.0

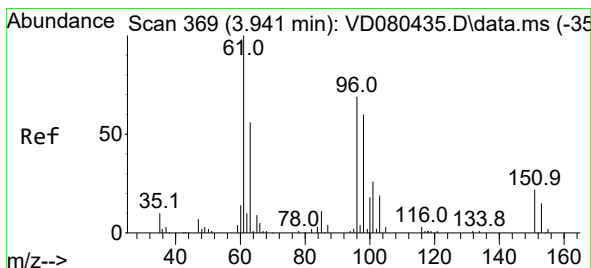
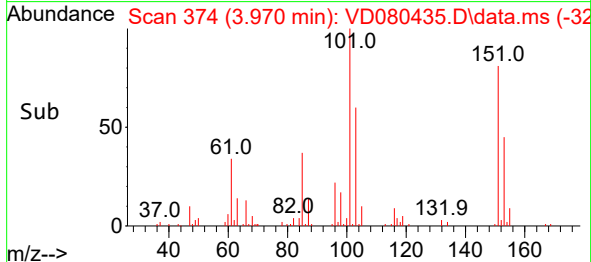
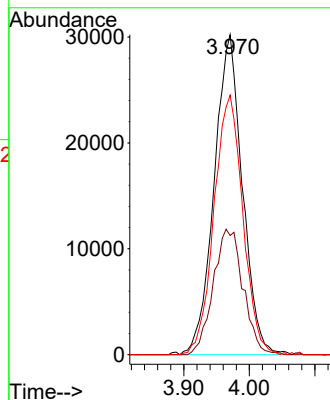
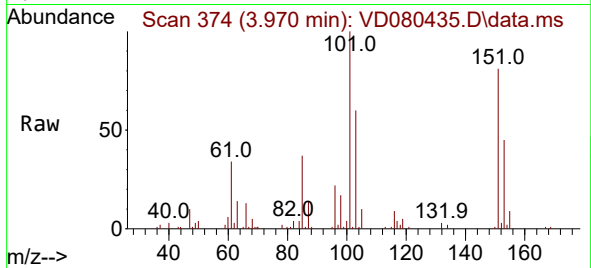




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 24.55 ug/L
RT: 3.970 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD080435.D
Acq: 13 Jun 2025 12:59

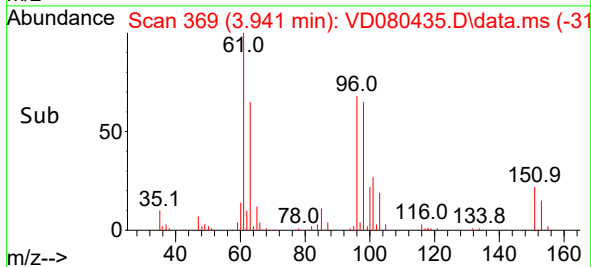
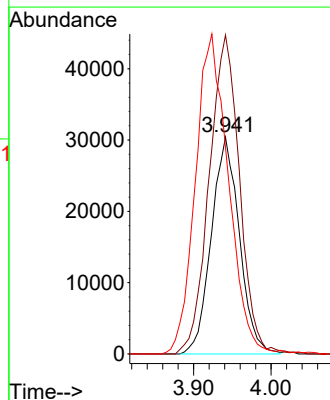
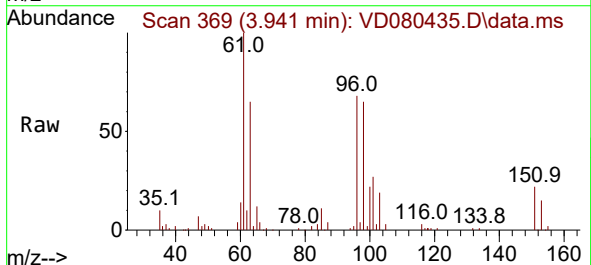
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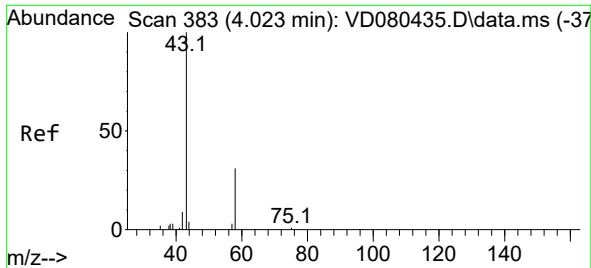
Tgt Ion:101 Resp: 90163
Ion Ratio Lower Upper
101 100
85 41.6 33.3 49.9
151 82.9 66.3 99.5



#12
1,1-Dichloroethene
Concen: 24.10 ug/L
RT: 3.941 min Scan# 369
Delta R.T. 0.000 min
Lab File: VD080435.D
Acq: 13 Jun 2025 12:59

Tgt Ion: 96 Resp: 76528
Ion Ratio Lower Upper
96 100
61 147.1 103.0 191.2
63 95.4 66.8 124.0





#13

Acetone

Concen: 48.39 ug/L

RT: 4.023 min Scan# 383

Delta R.T. 0.000 min

Lab File: VD080435.D

Acq: 13 Jun 2025 12:59

Instrument :

MSVOA_D

ClientSampleId :

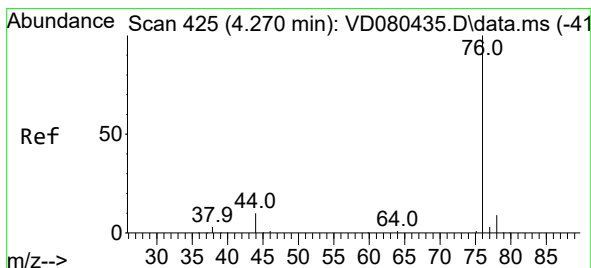
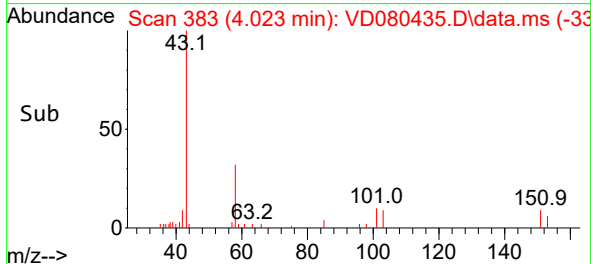
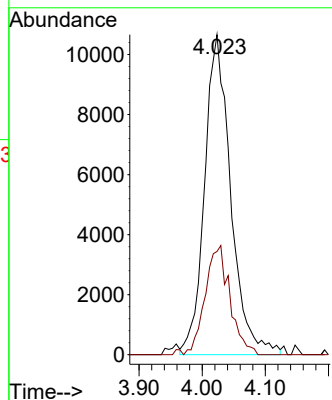
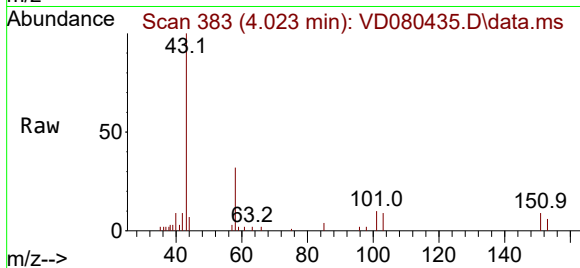
VSTD025878

Tgt Ion: 43 Resp: 30724

Ion Ratio Lower Upper

43 100

58 32.2 0.0 64.4



#14

Carbon disulfide

Concen: 24.43 ug/L

RT: 4.270 min Scan# 425

Delta R.T. 0.000 min

Lab File: VD080435.D

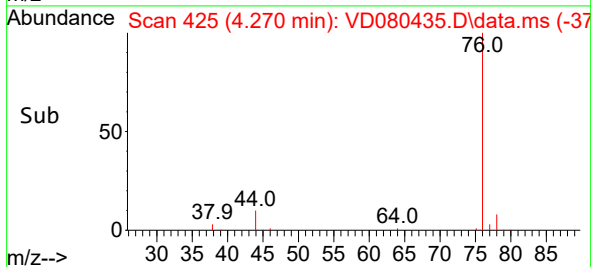
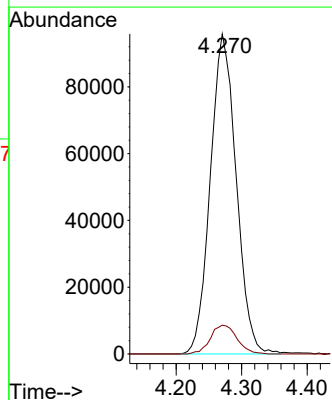
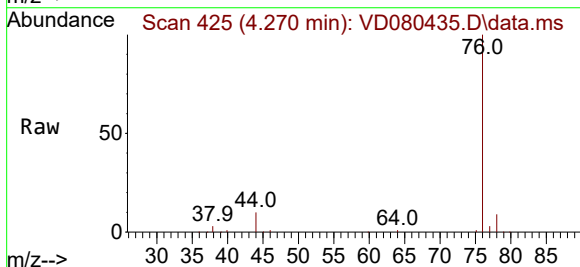
Acq: 13 Jun 2025 12:59

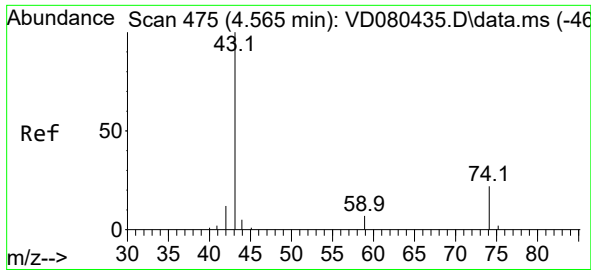
Tgt Ion: 76 Resp: 262582

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8





#15

Methyl Acetate

Concen: 24.25 ug/L

RT: 4.565 min Scan# 41

Delta R.T. 0.000 min

Lab File: VD080435.D

Acq: 13 Jun 2025 12:59

Instrument :

MSVOA_D

ClientSampleId :

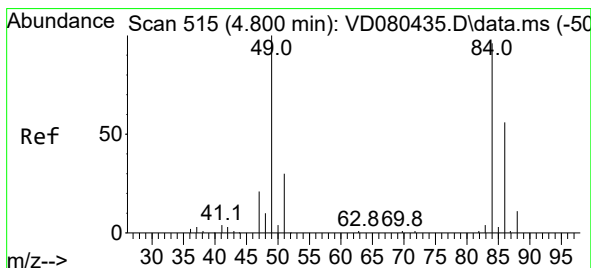
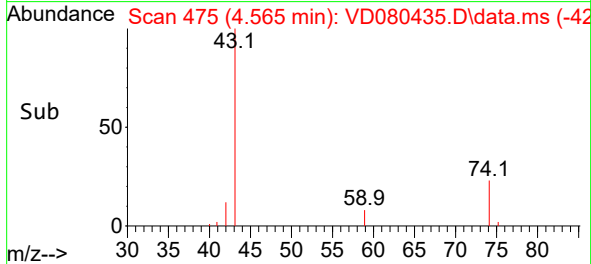
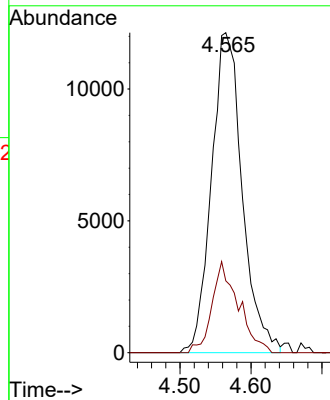
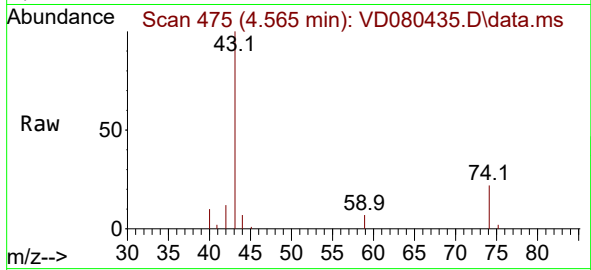
VSTD025878

Tgt Ion: 43 Resp: 36522

Ion Ratio Lower Upper

43 100

74 24.0 19.2 28.8



#16

Methylene chloride

Concen: 23.67 ug/L

RT: 4.800 min Scan# 515

Delta R.T. 0.000 min

Lab File: VD080435.D

Acq: 13 Jun 2025 12:59

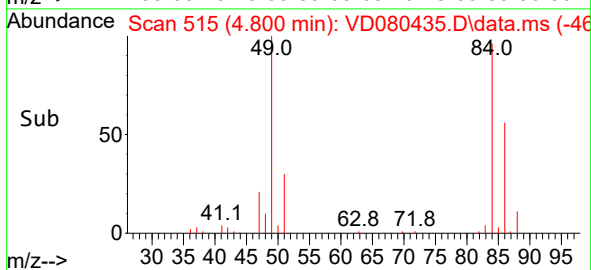
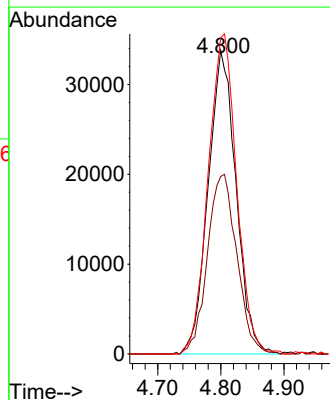
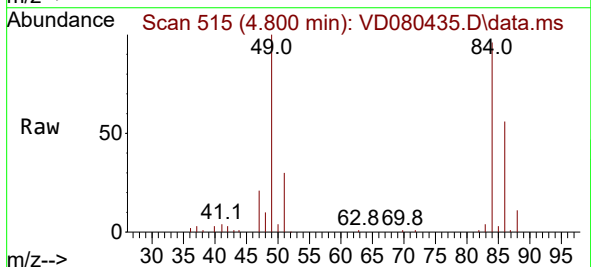
Tgt Ion: 84 Resp: 103640

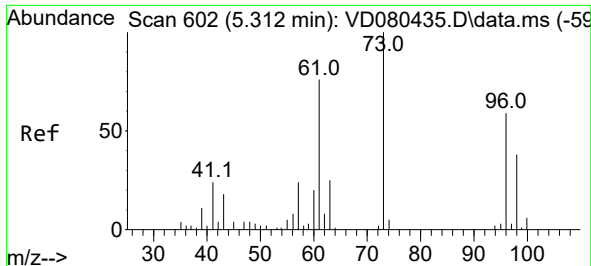
Ion Ratio Lower Upper

84 100

86 58.4 40.9 75.9

49 104.0 72.8 135.2





#17

trans-1,2-Dichloroethene

Concen: 24.55 ug/L

RT: 5.312 min Scan# 602

Delta R.T. 0.000 min

Lab File: VD080435.D

Acq: 13 Jun 2025 12:59

Instrument :

MSVOA_D

ClientSampleId :

VSTD025878

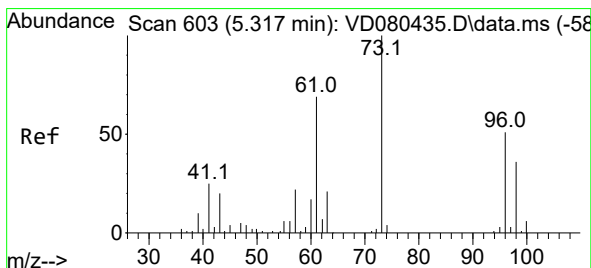
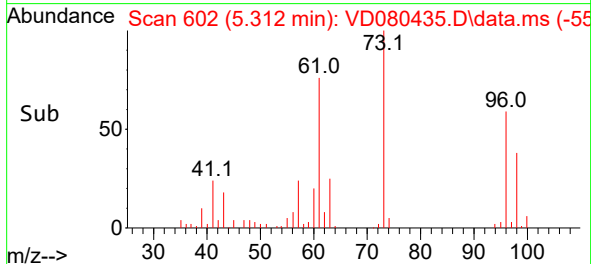
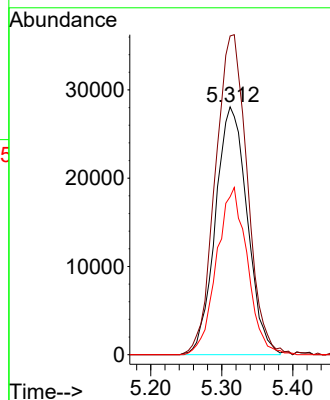
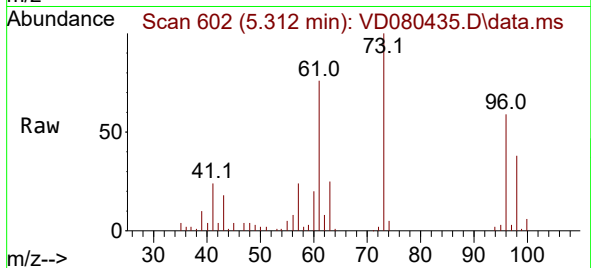
Tgt Ion: 96 Resp: 87416

Ion Ratio Lower Upper

96 100

61 128.5 89.9 167.0

98 63.7 44.6 82.8



#18

Methyl tert-butyl Ether

Concen: 25.44 ug/L

RT: 5.317 min Scan# 603

Delta R.T. 0.000 min

Lab File: VD080435.D

Acq: 13 Jun 2025 12:59

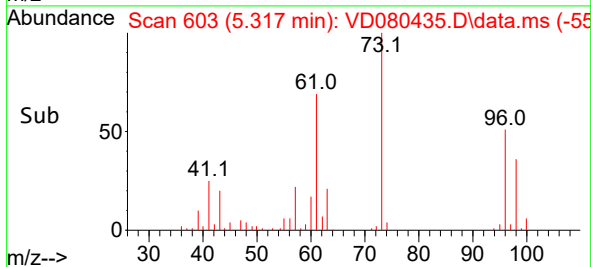
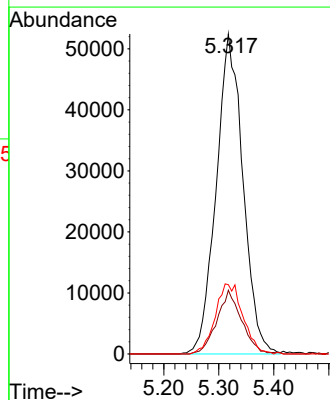
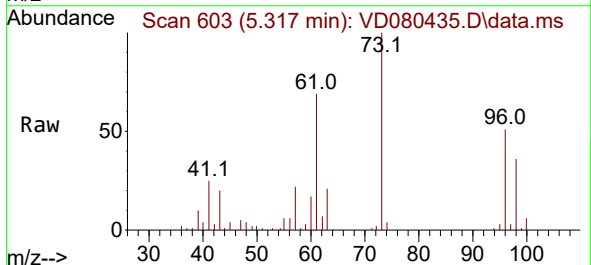
Tgt Ion: 73 Resp: 177128

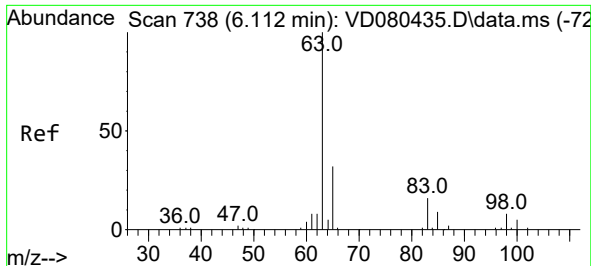
Ion Ratio Lower Upper

73 100

43 18.3 14.6 22.0

57 14.0 11.2 16.8

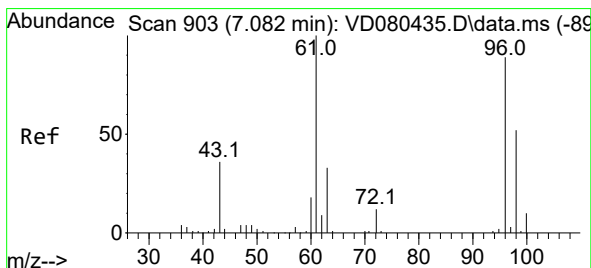
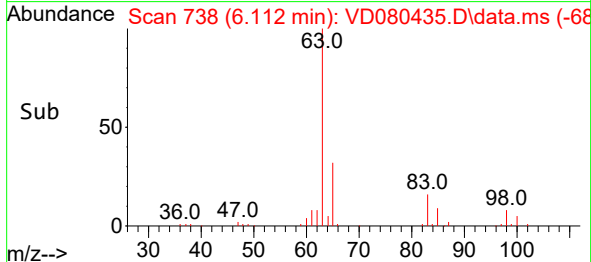
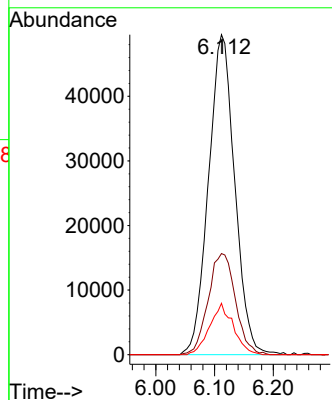
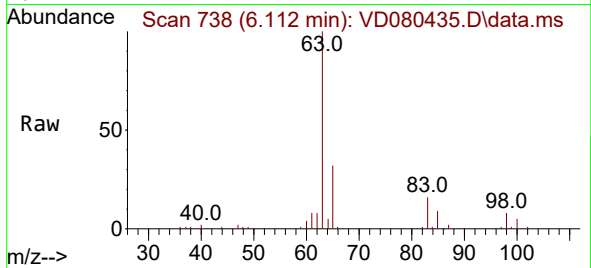




#19
1,1-Dichloroethane
Concen: 24.80 ug/L
RT: 6.112 min Scan# 738
Delta R.T. 0.000 min
Lab File: VD080435.D
Acq: 13 Jun 2025 12:59

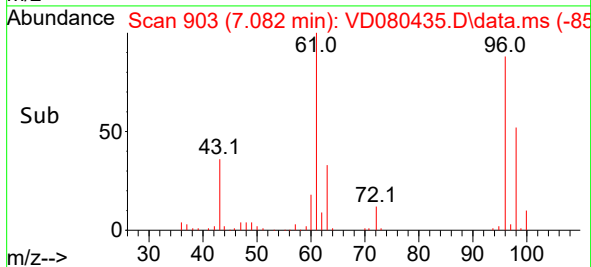
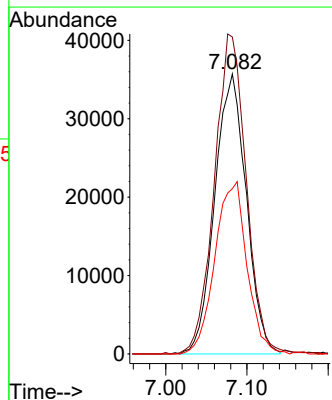
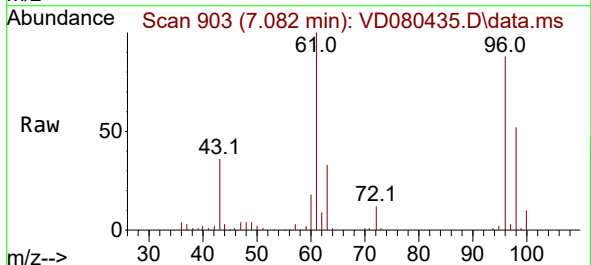
Instrument :
MSVOA_D
ClientSampleId :
VSTD025878

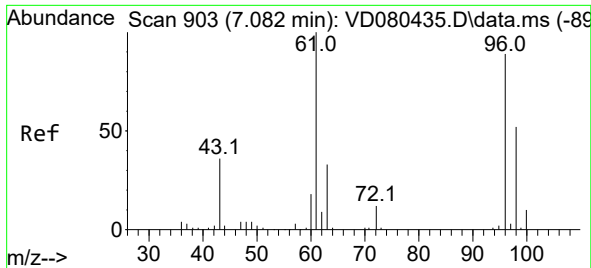
Tgt Ion: 63 Resp: 153674
Ion Ratio Lower Upper
63 100
65 31.6 22.1 41.1
83 16.0 11.2 20.8



#20
cis-1,2-Dichloroethene
Concen: 25.35 ug/L
RT: 7.082 min Scan# 903
Delta R.T. 0.000 min
Lab File: VD080435.D
Acq: 13 Jun 2025 12:59

Tgt Ion: 96 Resp: 96422
Ion Ratio Lower Upper
96 100
61 113.2 79.2 147.2
98 59.0 41.3 76.7

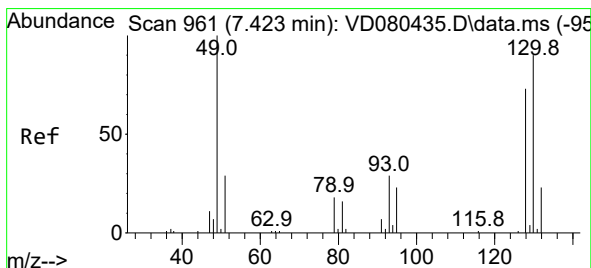
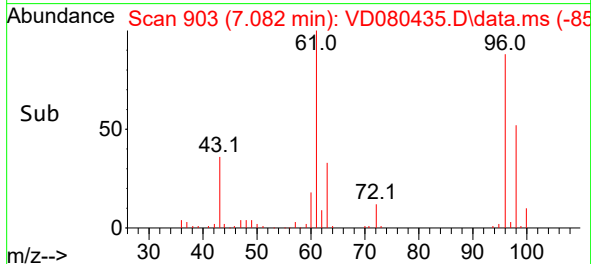
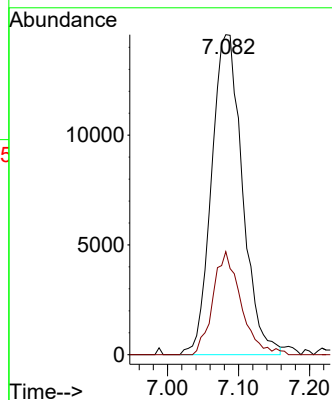
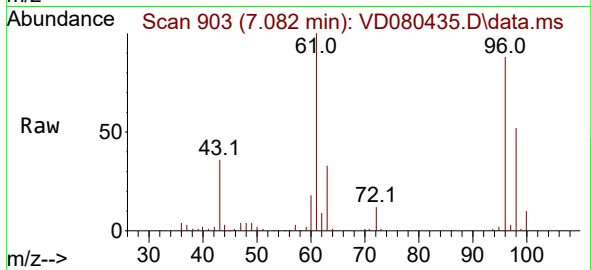




#22
2-Butanone
Concen: 50.42 ug/L
RT: 7.082 min Scan# 903
Delta R.T. 0.000 min
Lab File: VD080435.D
Acq: 13 Jun 2025 12:59

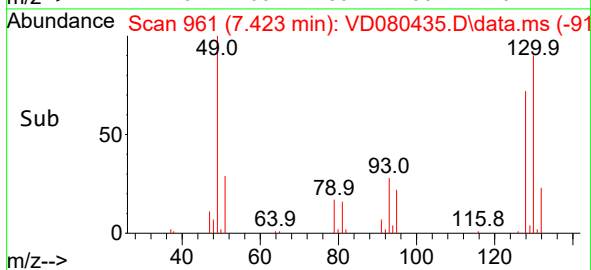
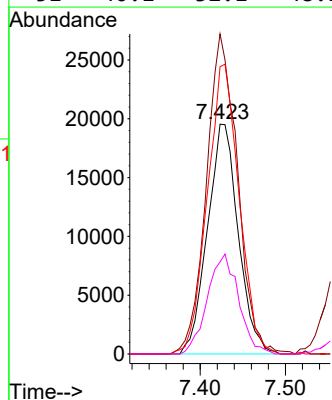
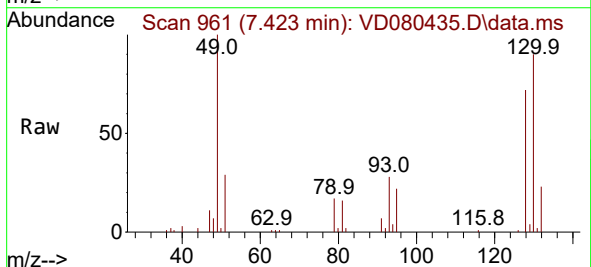
Instrument :
MSVOA_D
ClientSampleId :
VSTD025878

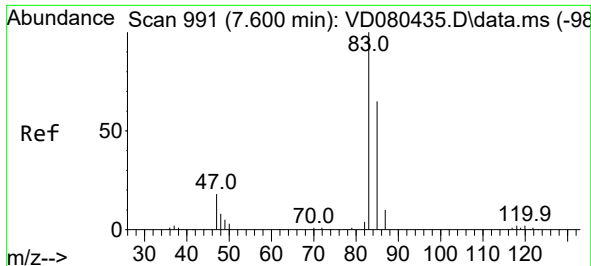
Tgt Ion: 43 Resp: 44031
Ion Ratio Lower Upper
43 100
72 28.8 14.4 43.2



#23
Bromochloromethane
Concen: 25.24 ug/L
RT: 7.423 min Scan# 961
Delta R.T. 0.000 min
Lab File: VD080435.D
Acq: 13 Jun 2025 12:59

Tgt Ion: 128 Resp: 49052
Ion Ratio Lower Upper
128 100
49 139.3 97.5 181.1
130 125.0 87.5 162.5
51 40.1 32.1 48.1

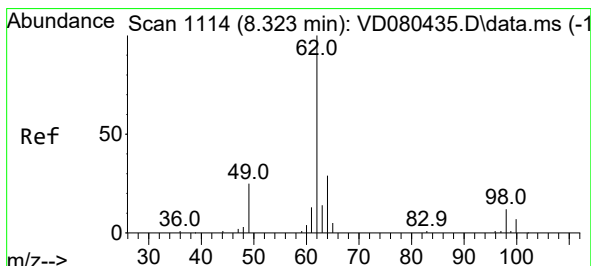
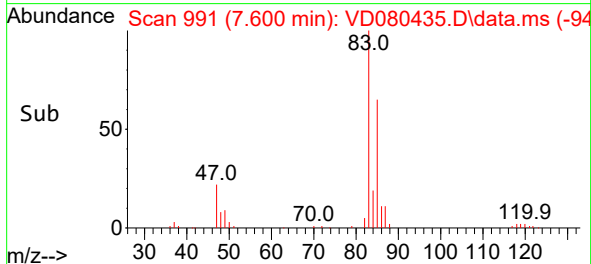
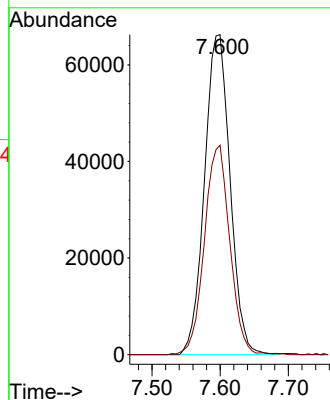
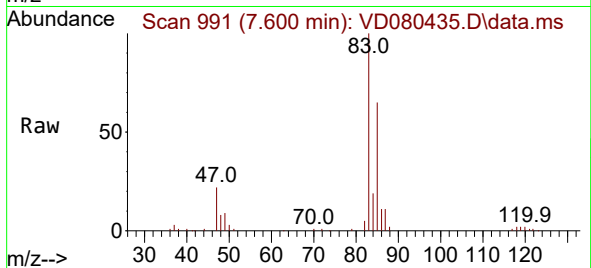




#25
Chloroform
Concen: 25.12 ug/L
RT: 7.600 min Scan# 991
Delta R.T. 0.000 min
Lab File: VD080435.D
Acq: 13 Jun 2025 12:59

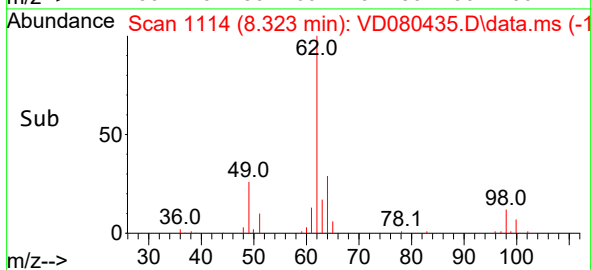
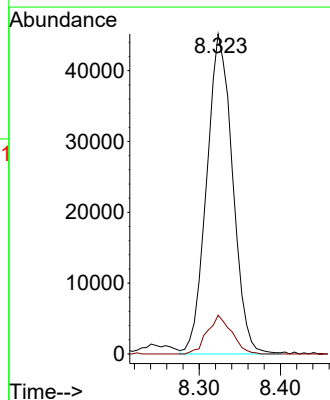
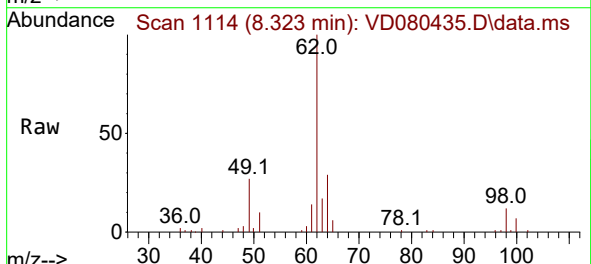
Instrument :
MSVOA_D
ClientSampleId :
VSTD025878

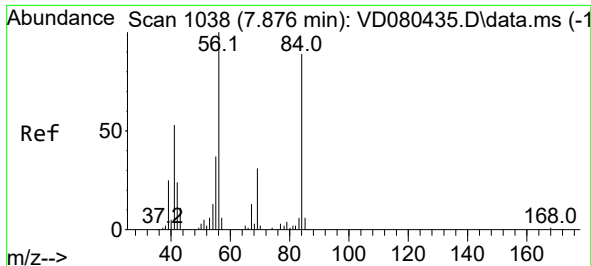
Tgt Ion: 83 Resp: 173020
Ion Ratio Lower Upper
83 100
85 65.4 45.8 85.0



#27
1,2-Dichloroethane
Concen: 25.43 ug/L
RT: 8.323 min Scan# 1114
Delta R.T. 0.000 min
Lab File: VD080435.D
Acq: 13 Jun 2025 12:59

Tgt Ion: 62 Resp: 100355
Ion Ratio Lower Upper
62 100
98 12.1 9.7 14.5





#29

Cyclohexane

Concen: 26.38 ug/L

RT: 7.876 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VD080435.D

Acq: 13 Jun 2025 12:59

Instrument :

MSVOA_D

ClientSampleId :

VSTD025878

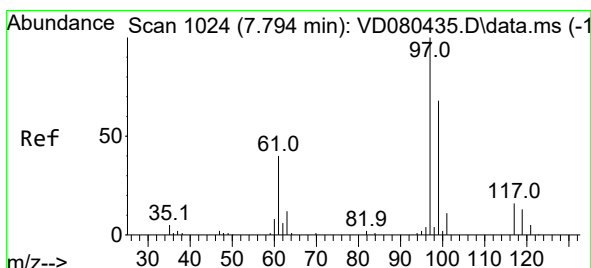
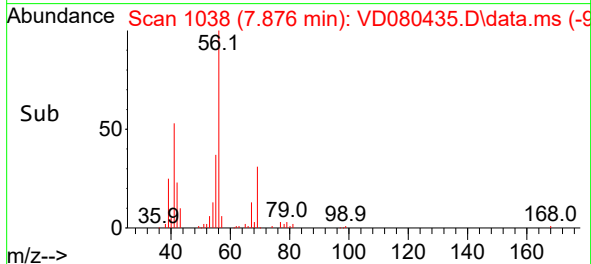
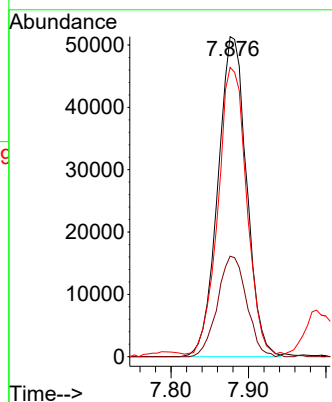
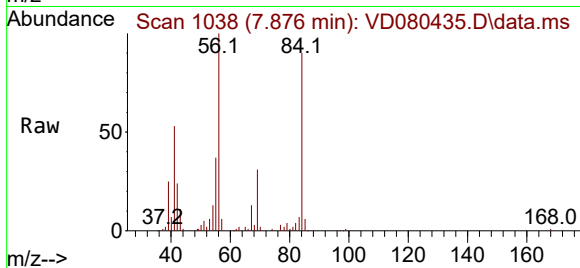
Tgt Ion: 56 Resp: 132271

Ion Ratio Lower Upper

56 100

69 31.7 25.4 38.0

84 90.5 72.4 108.6



#30

1,1,1-Trichloroethane

Concen: 24.88 ug/L

RT: 7.794 min Scan# 1024

Delta R.T. 0.000 min

Lab File: VD080435.D

Acq: 13 Jun 2025 12:59

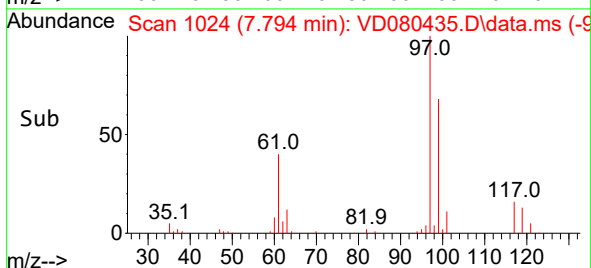
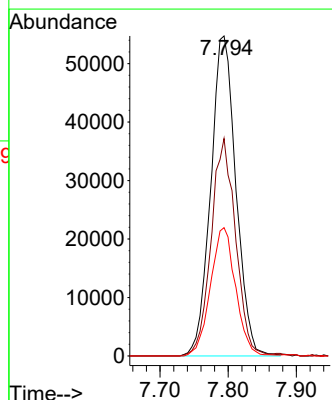
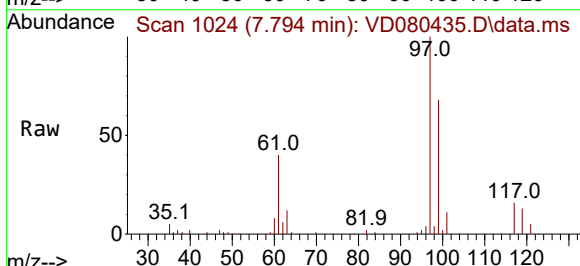
Tgt Ion: 97 Resp: 141149

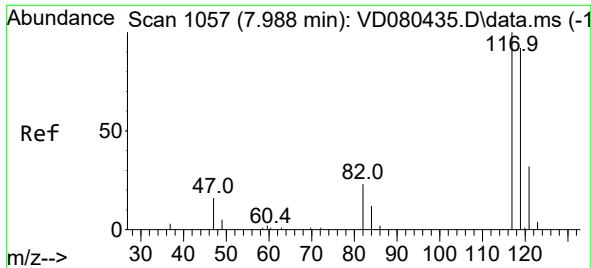
Ion Ratio Lower Upper

97 100

99 65.8 52.6 79.0

61 40.0 32.0 48.0

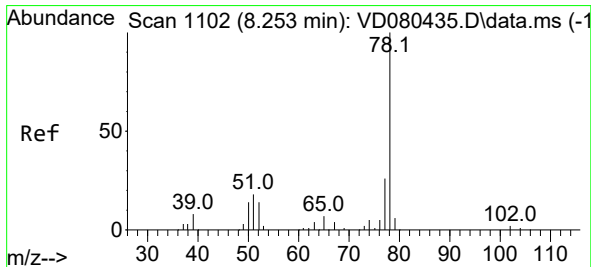
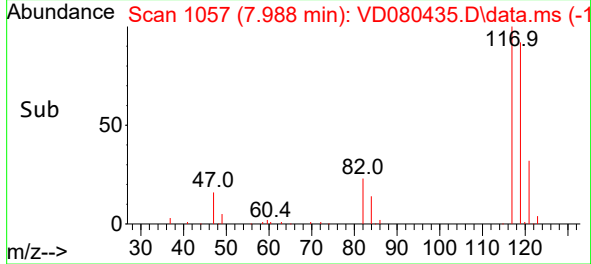
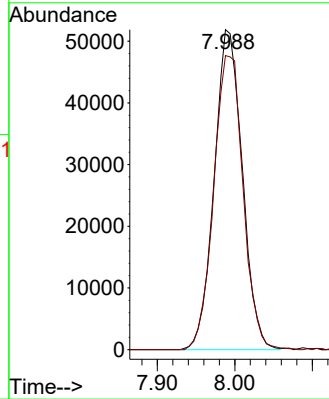
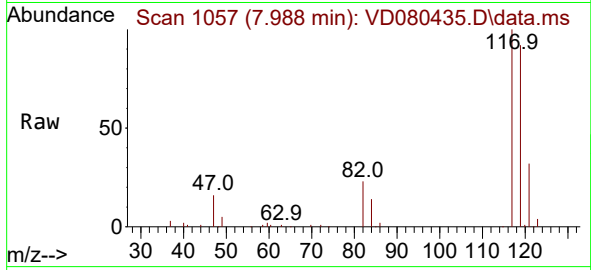




#31
Carbon tetrachloride
Concen: 24.71 ug/L
RT: 7.988 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD080435.D
Acq: 13 Jun 2025 12:59

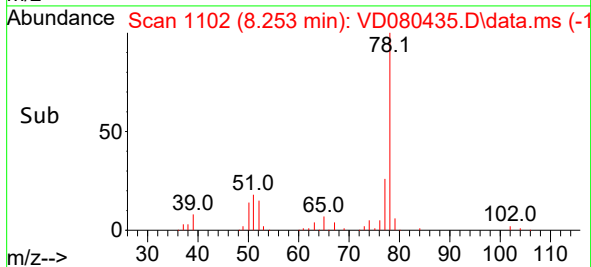
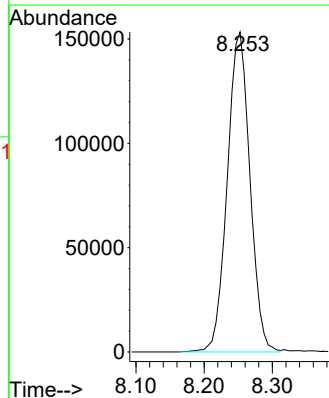
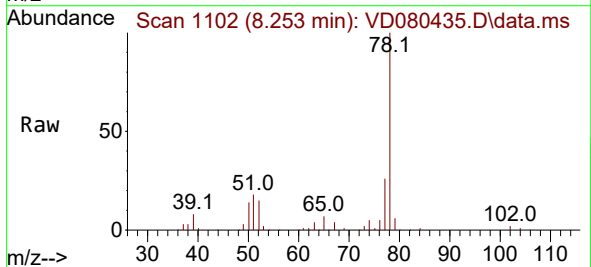
Instrument :
MSVOA_D
ClientSampleId :
VSTD025878

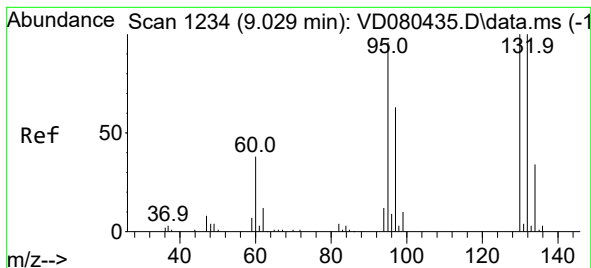
Tgt Ion:117 Resp: 130645
Ion Ratio Lower Upper
117 100
119 96.3 77.0 115.6



#33
Benzene
Concen: 25.58 ug/L
RT: 8.253 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VD080435.D
Acq: 13 Jun 2025 12:59

Tgt Ion: 78 Resp: 354928





#34

Trichloroethene

Concen: 24.53 ug/L

RT: 9.029 min Scan# 1234

Delta R.T. 0.000 min

Lab File: VD080435.D

Acq: 13 Jun 2025 12:59

Instrument :

MSVOA_D

ClientSampleId :

VSTD025878

Tgt Ion: 95 Resp: 95249

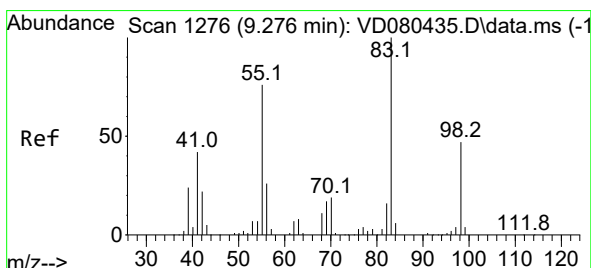
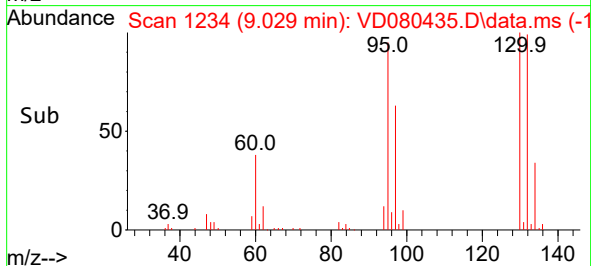
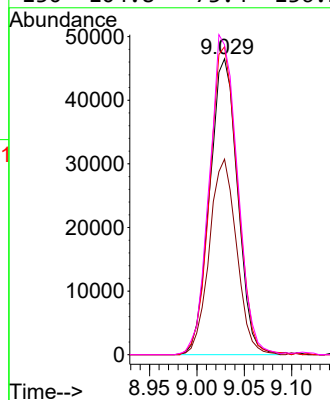
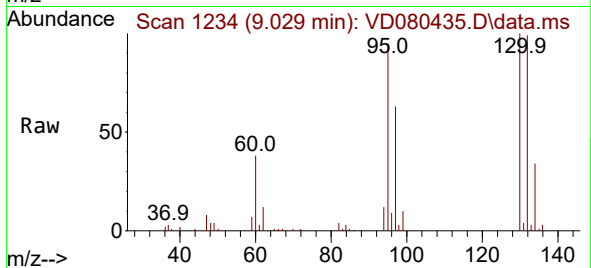
Ion Ratio Lower Upper

95 100

97 66.1 46.3 85.9

132 104.1 72.9 135.3

130 104.8 73.4 136.2



#35

Methylcyclohexane

Concen: 25.98 ug/L

RT: 9.276 min Scan# 1276

Delta R.T. 0.000 min

Lab File: VD080435.D

Acq: 13 Jun 2025 12:59

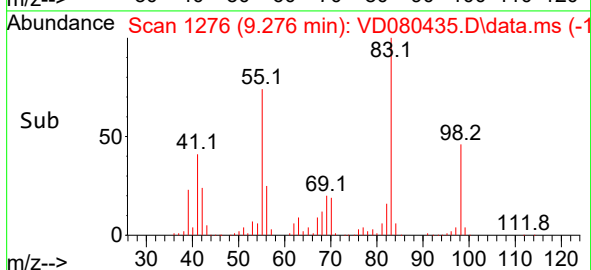
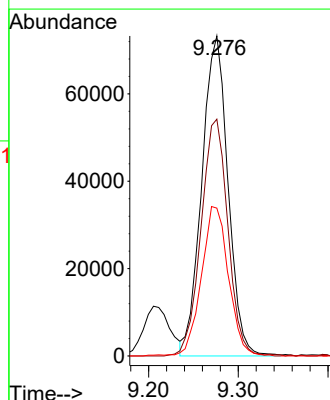
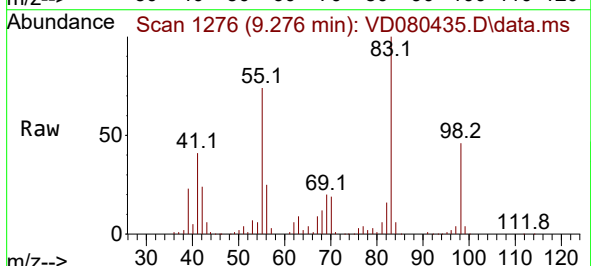
Tgt Ion: 83 Resp: 148766

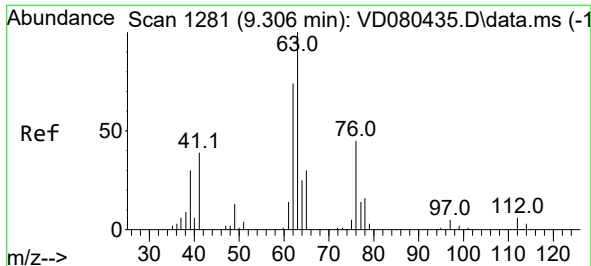
Ion Ratio Lower Upper

83 100

55 75.5 60.4 90.6

98 48.1 38.5 57.7





#37

1,2-Dichloropropane

Concen: 24.94 ug/L

RT: 9.306 min Scan# 1281

Delta R.T. 0.000 min

Lab File: VD080435.D

Acq: 13 Jun 2025 12:59

Instrument :

MSVOA_D

ClientSampleId :

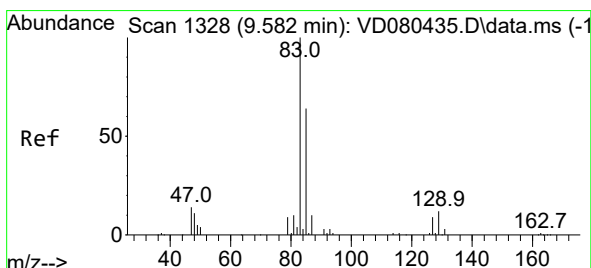
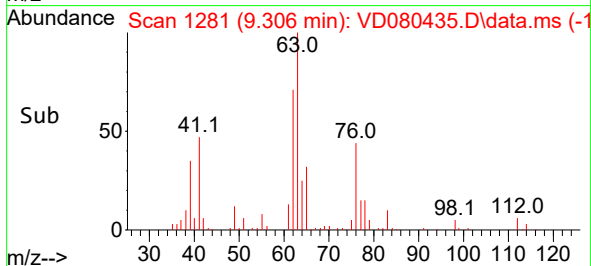
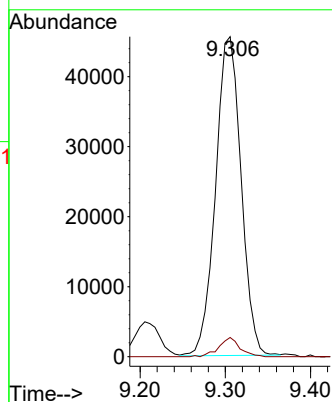
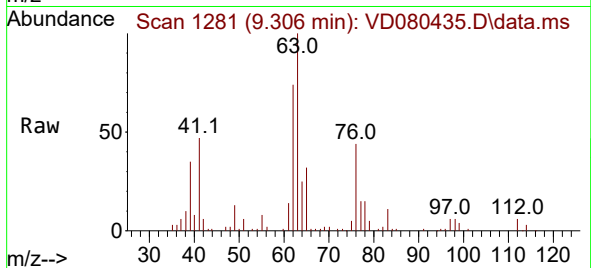
VSTD025878

Tgt Ion: 63 Resp: 94756

Ion Ratio Lower Upper

63 100

112 4.9 3.9 5.9



#38

Bromodichloromethane

Concen: 25.28 ug/L

RT: 9.582 min Scan# 1328

Delta R.T. 0.000 min

Lab File: VD080435.D

Acq: 13 Jun 2025 12:59

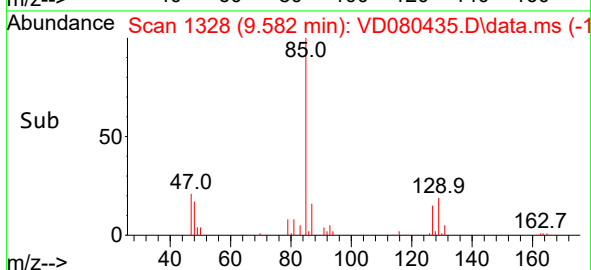
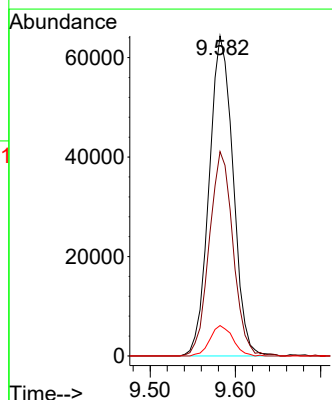
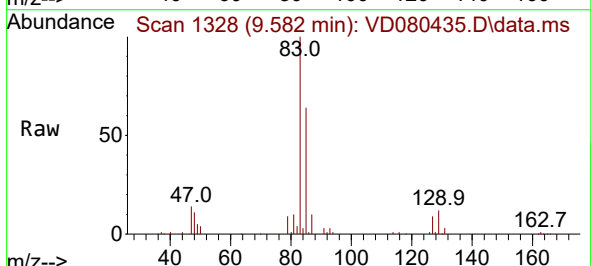
Tgt Ion: 83 Resp: 125720

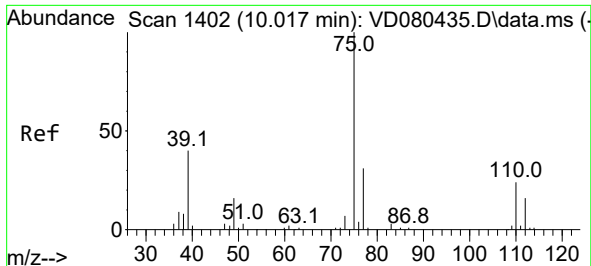
Ion Ratio Lower Upper

83 100

85 63.9 44.7 83.1

127 9.5 7.6 11.4





#39

cis-1,3-Dichloropropene

Concen: 25.24 ug/L

RT: 10.017 min Scan# 1402

Delta R.T. 0.000 min

Lab File: VD080435.D

Acq: 13 Jun 2025 12:59

Instrument :

MSVOA_D

ClientSampleId :

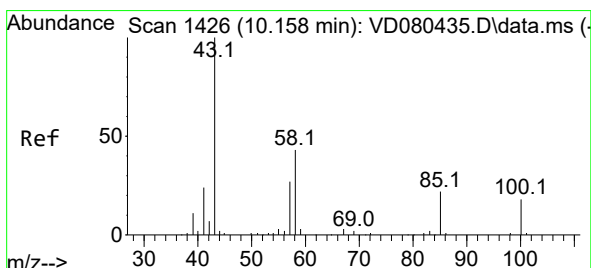
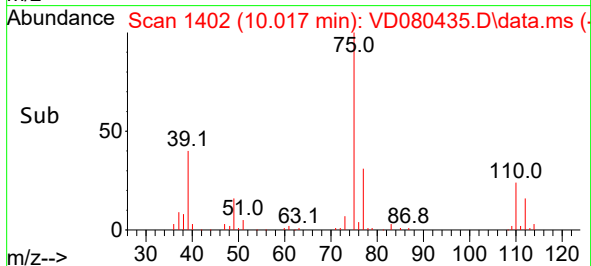
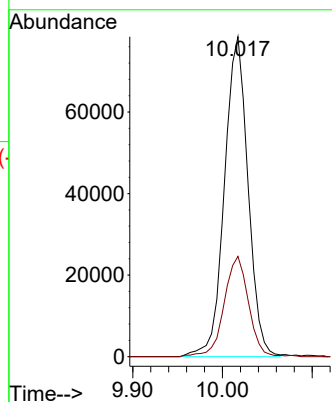
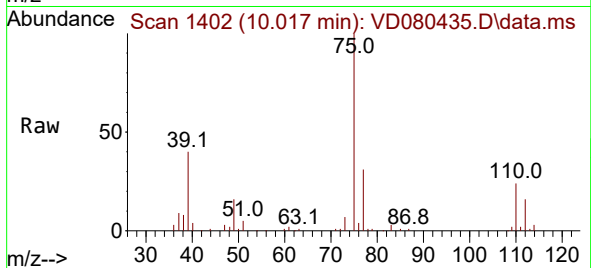
VSTD025878

Tgt Ion: 75 Resp: 143063

Ion Ratio Lower Upper

75 100

77 31.4 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 52.41 ug/L

RT: 10.158 min Scan# 1426

Delta R.T. 0.000 min

Lab File: VD080435.D

Acq: 13 Jun 2025 12:59

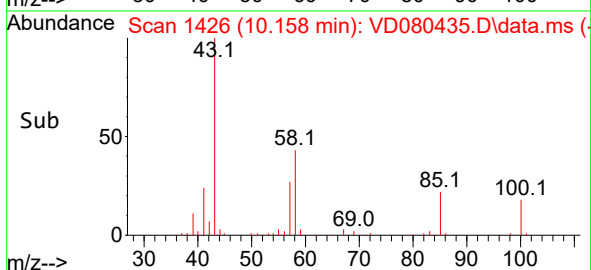
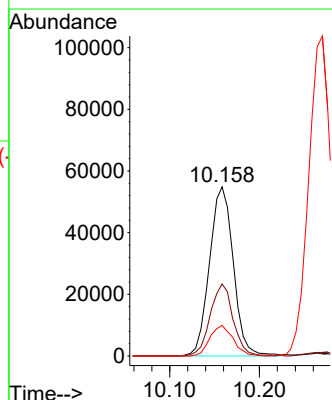
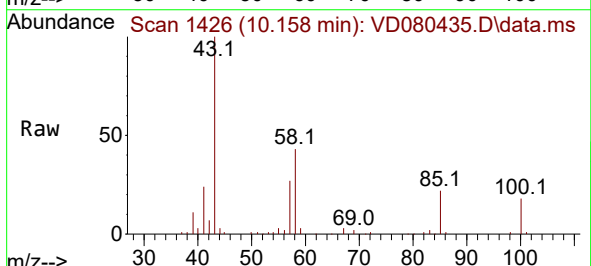
Tgt Ion: 43 Resp: 101124

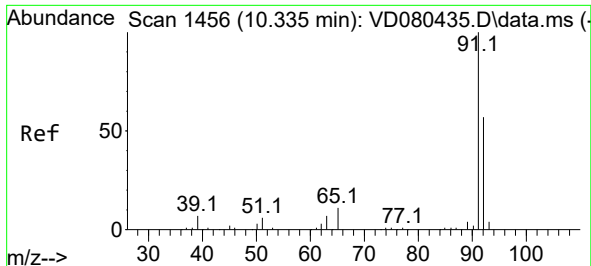
Ion Ratio Lower Upper

43 100

58 40.7 32.6 48.8

100 17.6 14.1 21.1

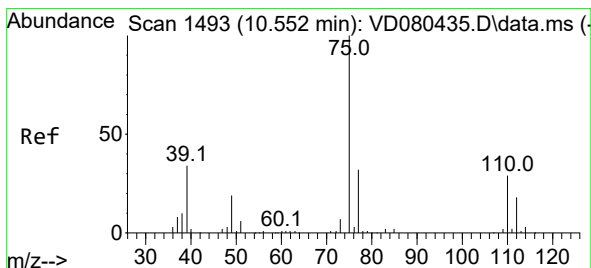
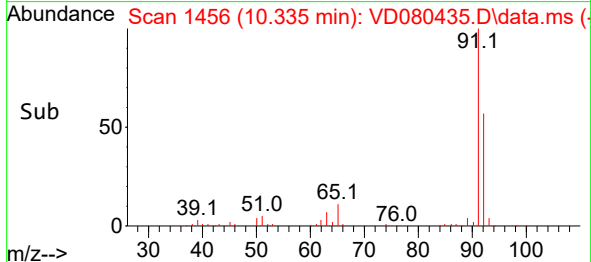
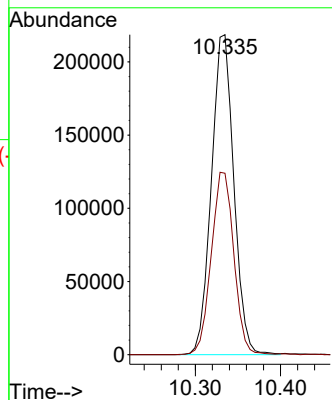
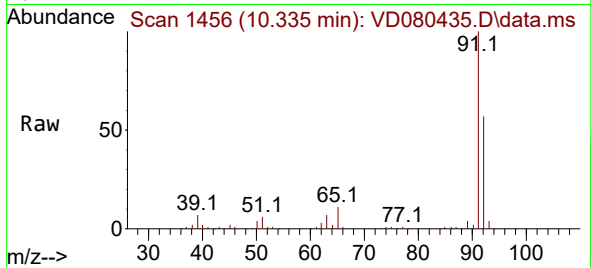




#42
Toluene
Concen: 26.27 ug/L
RT: 10.335 min Scan# 1456
Delta R.T. 0.000 min
Lab File: VD080435.D
Acq: 13 Jun 2025 12:59

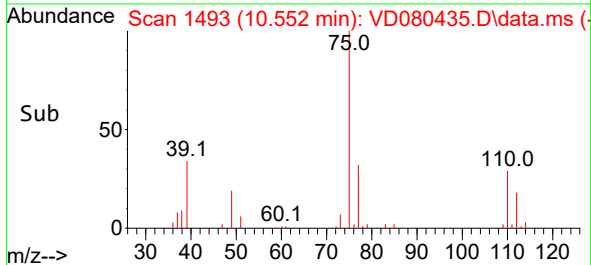
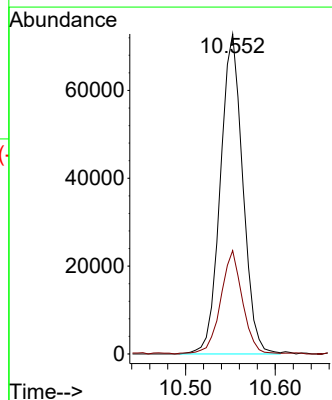
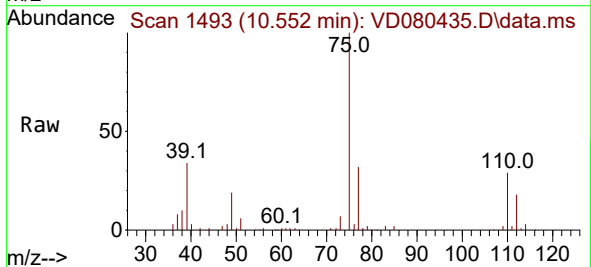
Instrument :
MSVOA_D
ClientSampleId :
VSTD025878

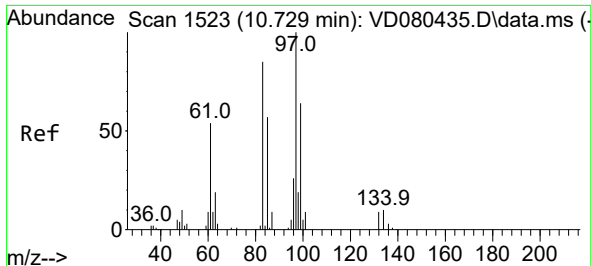
Tgt Ion: 91 Resp: 399827
Ion Ratio Lower Upper
91 100
92 56.7 39.7 73.7



#44
trans-1,3-Dichloropropene
Concen: 25.85 ug/L
RT: 10.552 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VD080435.D
Acq: 13 Jun 2025 12:59

Tgt Ion: 75 Resp: 126501
Ion Ratio Lower Upper
75 100
77 32.3 22.6 42.0

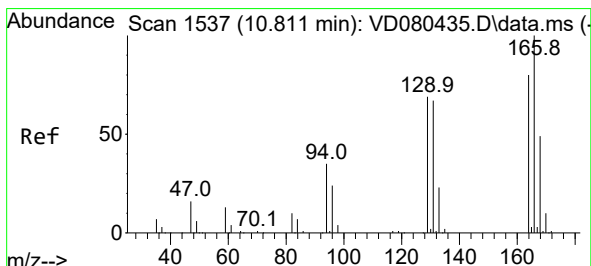
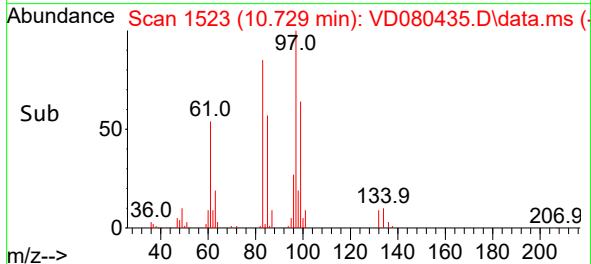
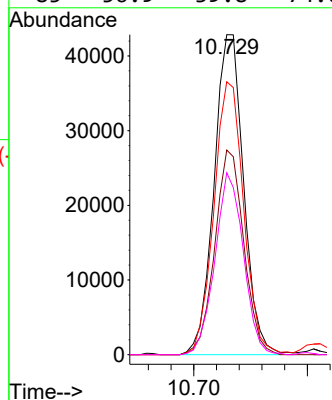
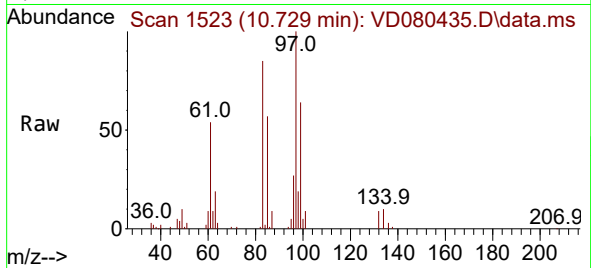




#45
1,1,2-Trichloroethane
Concen: 24.85 ug/L
RT: 10.729 min Scan# 1523
Delta R.T. 0.000 min
Lab File: VD080435.D
Acq: 13 Jun 2025 12:59

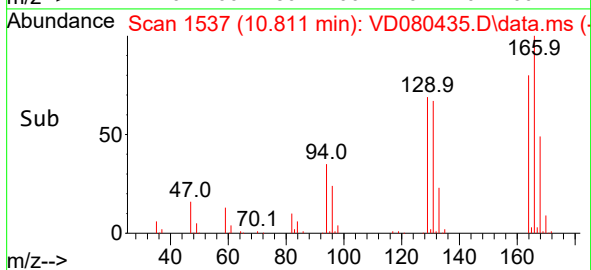
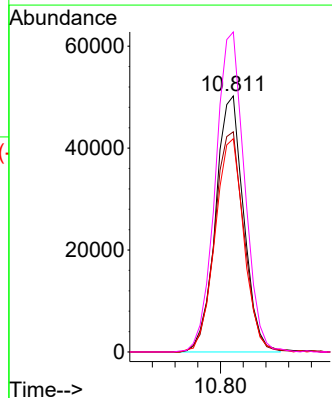
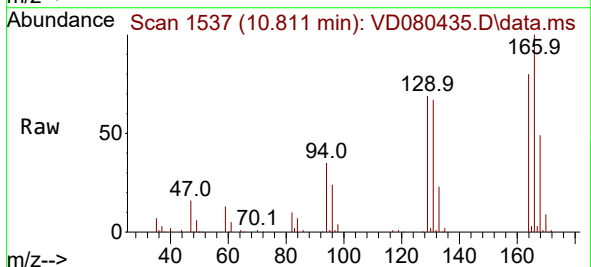
Instrument :
MSVOA_D
ClientSampleId :
VSTD025878

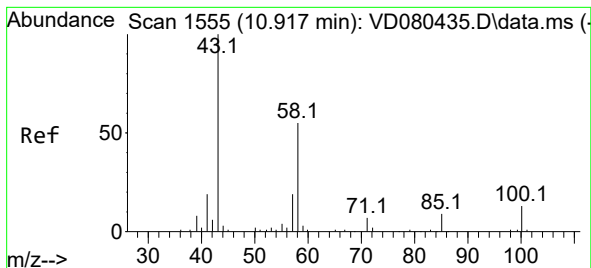
Tgt Ion: 97	Resp: 77235
Ion Ratio	Lower Upper
97 100	
99 64.0	44.8 83.2
83 85.3	59.7 110.9
85 56.9	39.8 74.0



#46
Tetrachloroethene
Concen: 25.46 ug/L
RT: 10.811 min Scan# 1537
Delta R.T. 0.000 min
Lab File: VD080435.D
Acq: 13 Jun 2025 12:59

Tgt Ion:164	Resp: 86229
Ion Ratio	Lower Upper
164 100	
129 86.0	60.2 111.8
131 83.3	58.3 108.3
166 125.0	87.5 162.5





#48

2-Hexanone

Concen: 53.56 ug/L

RT: 10.917 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD080435.D

Acq: 13 Jun 2025 12:59

Instrument :

MSVOA_D

ClientSampleId :

VSTD025878

Tgt Ion: 43 Resp: 75626

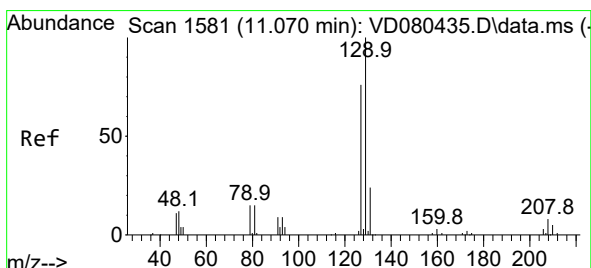
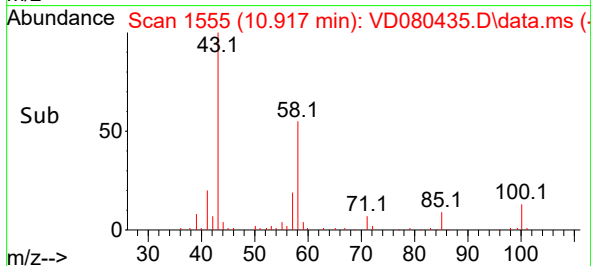
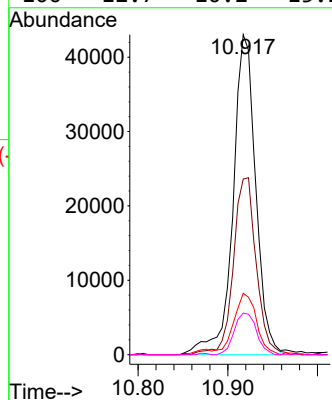
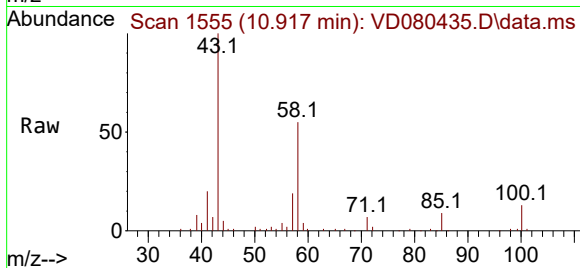
Ion Ratio Lower Upper

43 100

58 54.4 43.5 65.3

57 19.2 15.4 23.0

100 12.7 10.2 15.2



#49

Dibromochloromethane

Concen: 25.39 ug/L

RT: 11.070 min Scan# 1581

Delta R.T. 0.000 min

Lab File: VD080435.D

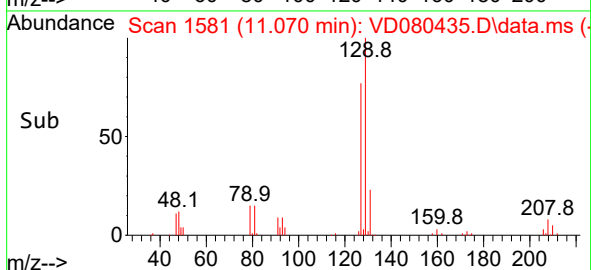
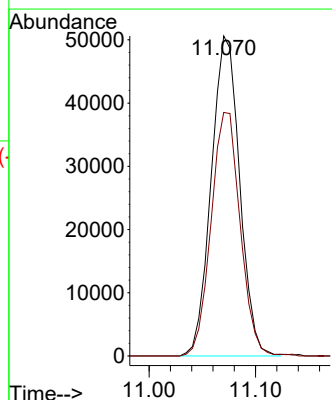
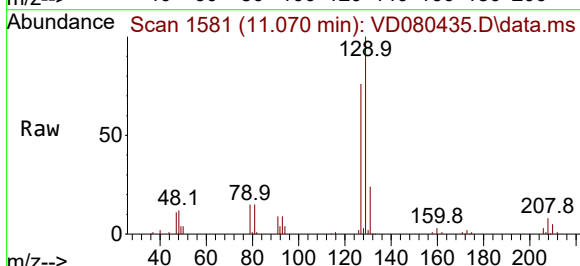
Acq: 13 Jun 2025 12:59

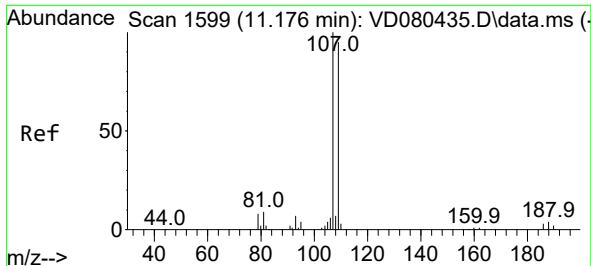
Tgt Ion: 129 Resp: 93766

Ion Ratio Lower Upper

129 100

127 76.1 53.3 98.9

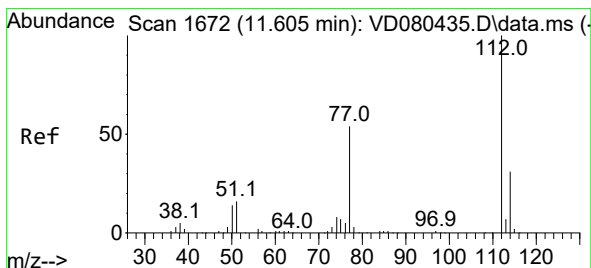
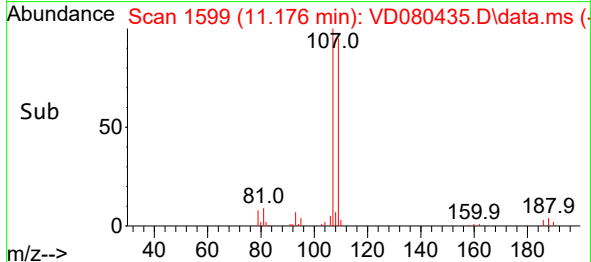
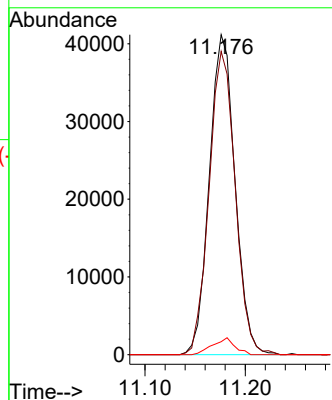
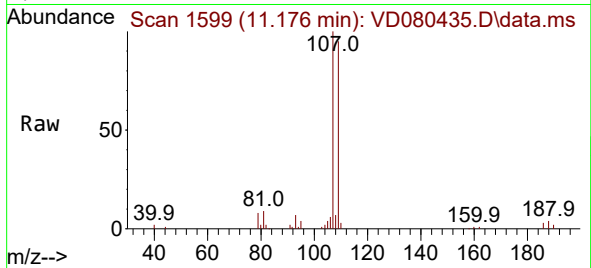




#50
1,2-Dibromoethane
Concen: 25.07 ug/L
RT: 11.176 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VD080435.D
Acq: 13 Jun 2025 12:59

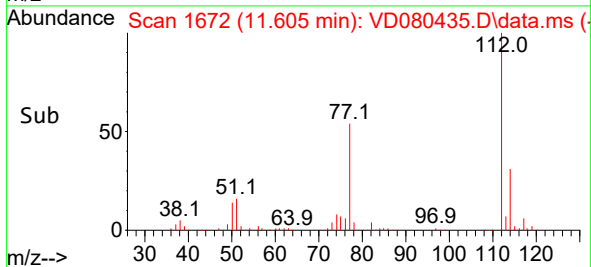
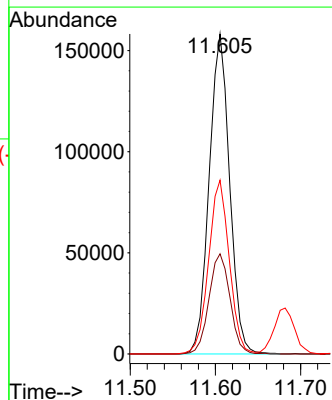
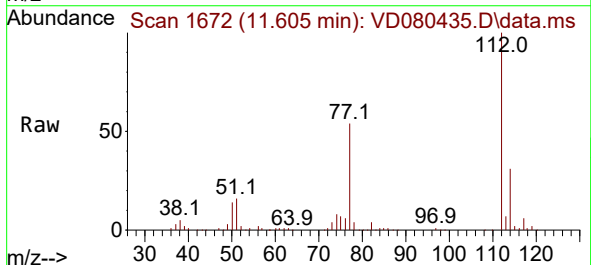
Instrument :
MSVOA_D
ClientSampleId :
VSTD025878

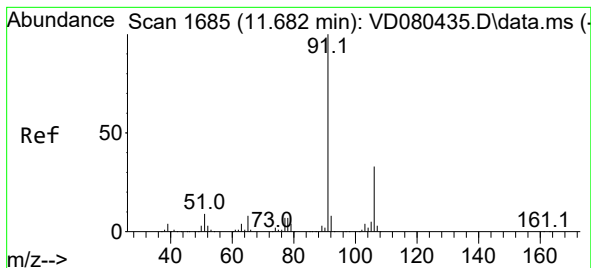
Tgt Ion:107 Resp: 73365
Ion Ratio Lower Upper
107 100
109 94.7 66.3 123.1
188 4.1 3.3 4.9



#51
Chlorobenzene
Concen: 25.32 ug/L
RT: 11.605 min Scan# 1672
Delta R.T. 0.000 min
Lab File: VD080435.D
Acq: 13 Jun 2025 12:59

Tgt Ion:112 Resp: 263435
Ion Ratio Lower Upper
112 100
114 31.3 21.9 40.7
77 54.3 43.4 65.2

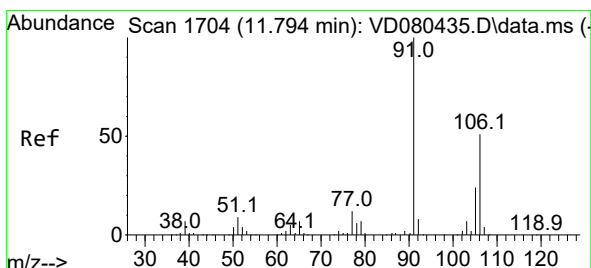
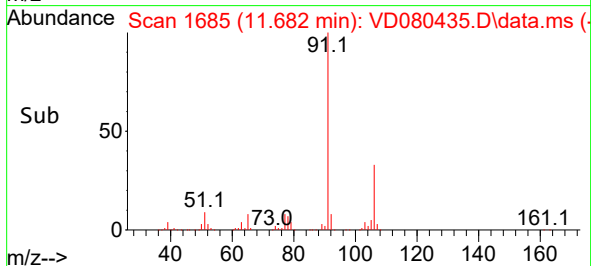
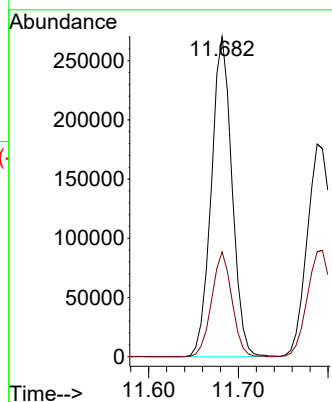
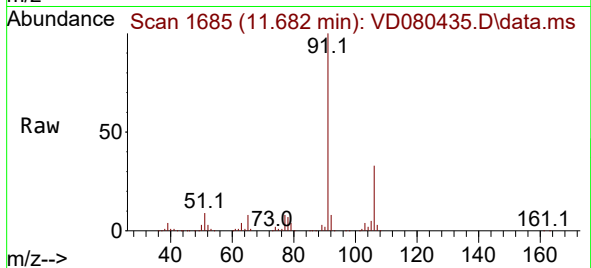




#52
Ethylbenzene
Concen: 26.38 ug/L
RT: 11.682 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VD080435.D
Acq: 13 Jun 2025 12:59

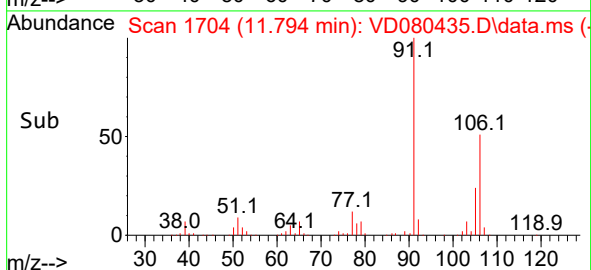
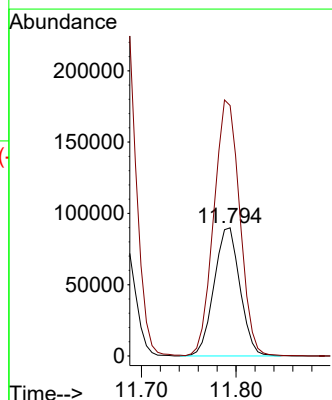
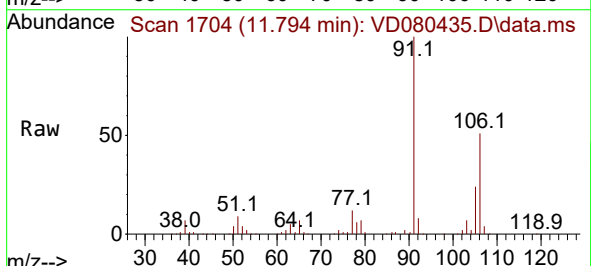
Instrument :
MSVOA_D
ClientSampleId :
VSTD025878

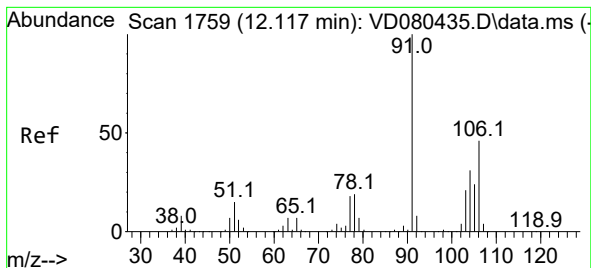
Tgt Ion: 91 Resp: 432131
Ion Ratio Lower Upper
91 100
106 32.8 23.0 42.6



#53
m,p-Xylene
Concen: 26.98 ug/L
RT: 11.794 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD080435.D
Acq: 13 Jun 2025 12:59

Tgt Ion: 106 Resp: 170901
Ion Ratio Lower Upper
106 100
91 195.5 136.8 254.2





#54

o-Xylene

Concen: 26.47 ug/L

RT: 12.117 min Scan# 1759

Delta R.T. 0.000 min

Lab File: VD080435.D

Acq: 13 Jun 2025 12:59

Instrument :

MSVOA_D

ClientSampleId :

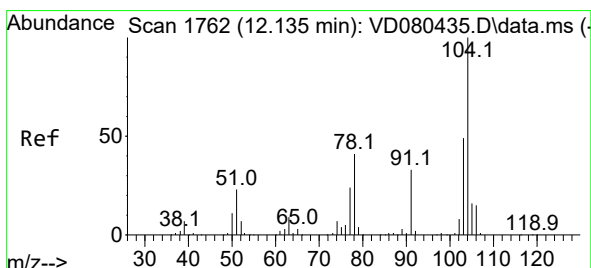
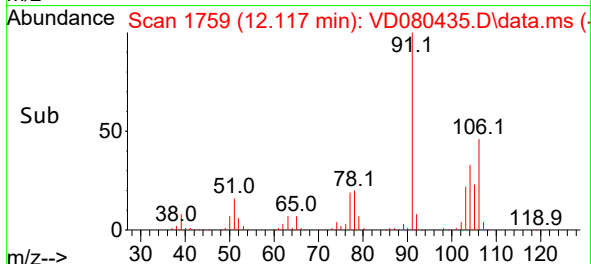
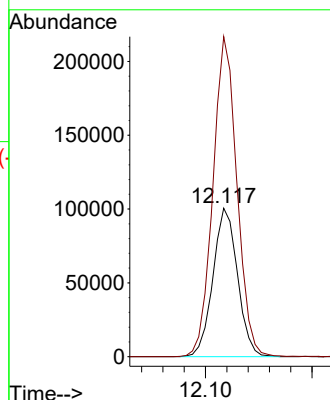
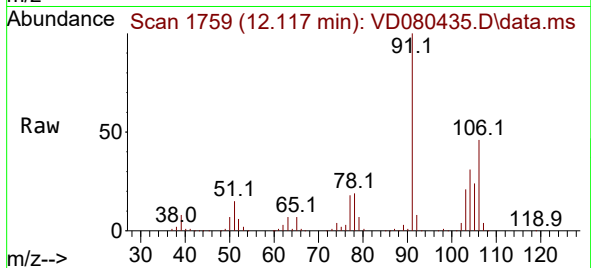
VSTD025878

Tgt Ion:106 Resp: 160848

Ion Ratio Lower Upper

106 100

91 215.4 150.8 280.0



#55

Styrene

Concen: 27.53 ug/L

RT: 12.135 min Scan# 1762

Delta R.T. 0.000 min

Lab File: VD080435.D

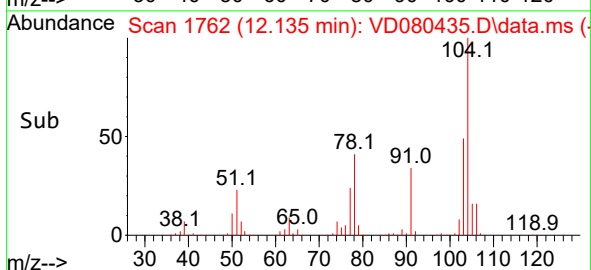
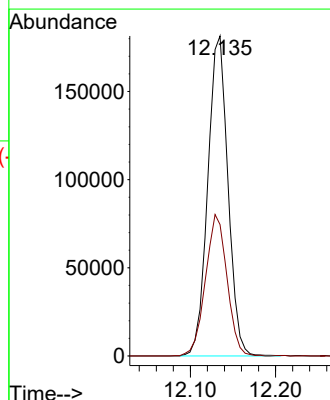
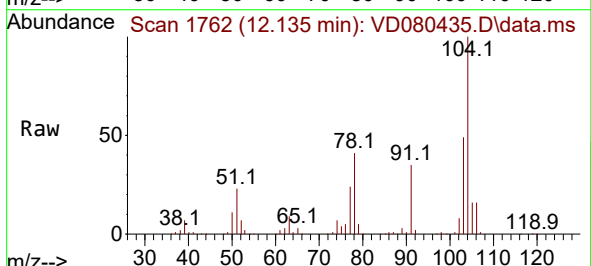
Acq: 13 Jun 2025 12:59

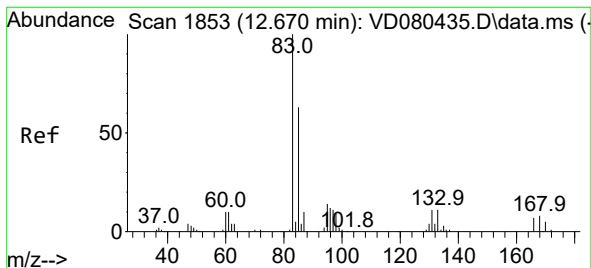
Tgt Ion:104 Resp: 298214

Ion Ratio Lower Upper

104 100

78 41.0 28.7 53.3

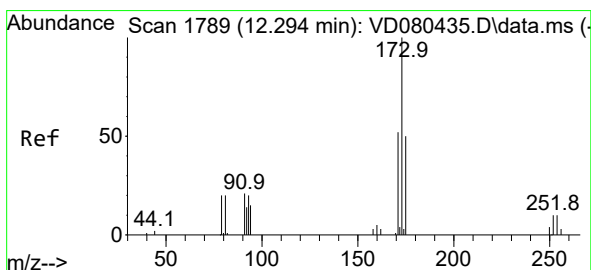
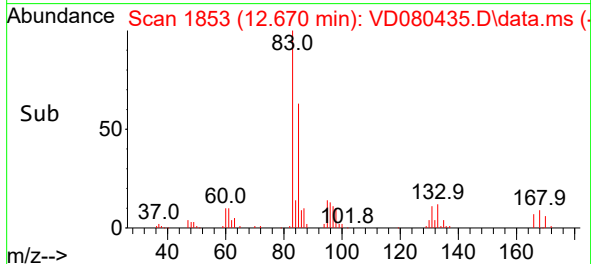
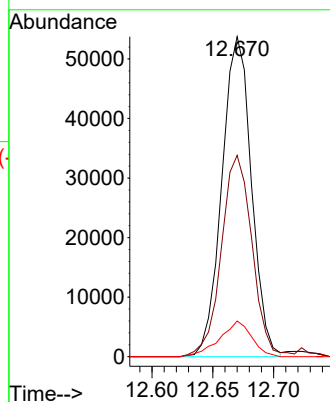
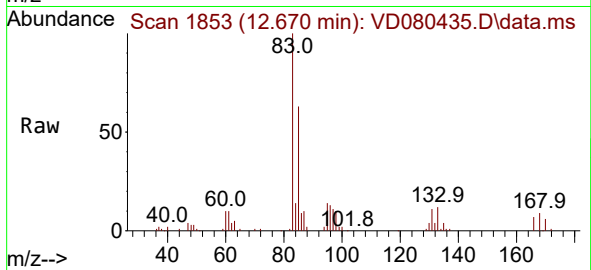




#57
1,1,2,2-Tetrachloroethane
Concen: 25.25 ug/L
RT: 12.670 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VD080435.D
Acq: 13 Jun 2025 12:59

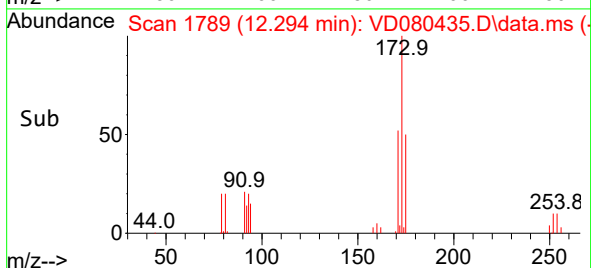
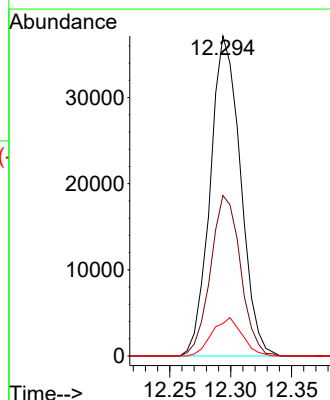
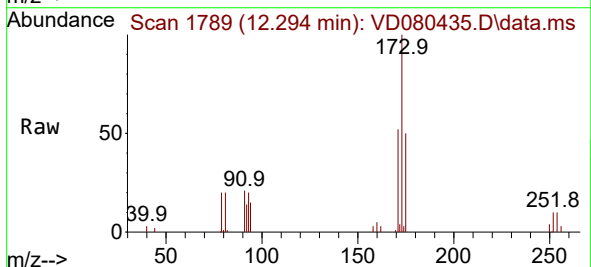
Instrument :
MSVOA_D
ClientSampleId :
VSTD025878

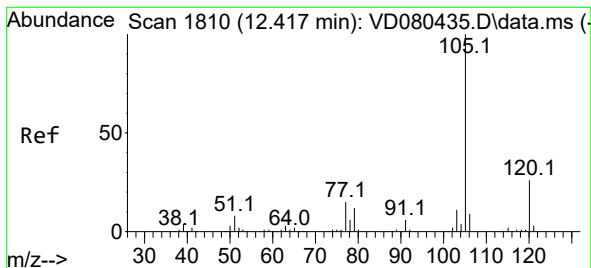
Tgt Ion: 83 Resp: 90768
Ion Ratio Lower Upper
83 100
85 62.9 44.0 81.8
131 11.1 8.9 13.3



#59
Bromoform
Concen: 24.85 ug/L
RT: 12.294 min Scan# 1789
Delta R.T. 0.000 min
Lab File: VD080435.D
Acq: 13 Jun 2025 12:59

Tgt Ion: 173 Resp: 64261
Ion Ratio Lower Upper
173 100
175 49.6 39.7 59.5
254 11.9 9.5 14.3





#60

Isopropylbenzene

Concen: 26.17 ug/L

RT: 12.417 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD080435.D

Acq: 13 Jun 2025 12:59

Instrument :

MSVOA_D

ClientSampleId :

VSTD025878

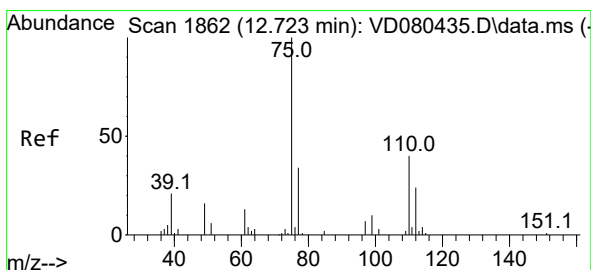
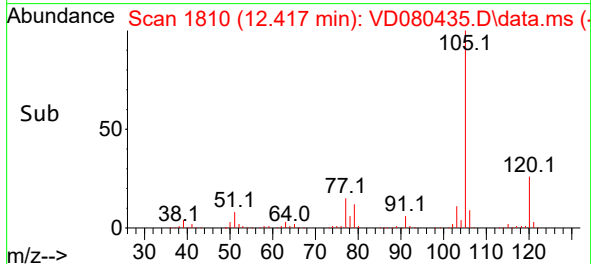
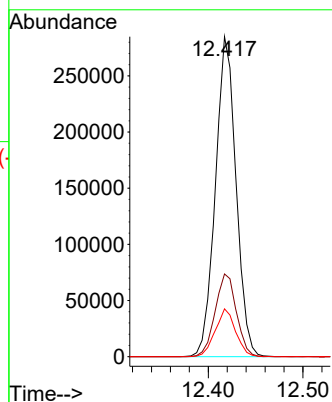
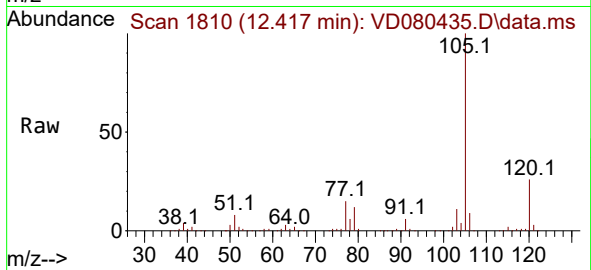
Tgt Ion:105 Resp: 432005

Ion Ratio Lower Upper

105 100

120 26.7 21.4 32.0

77 14.8 11.8 17.8



#61

1,2,3-Trichloropropane

Concen: 24.76 ug/L

RT: 12.723 min Scan# 1862

Delta R.T. 0.000 min

Lab File: VD080435.D

Acq: 13 Jun 2025 12:59

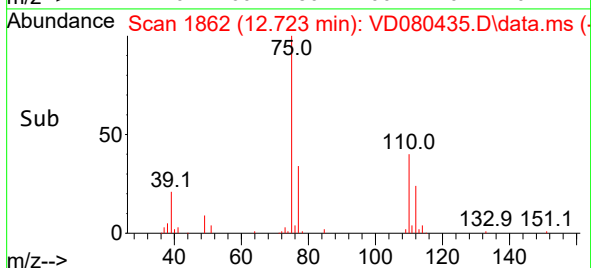
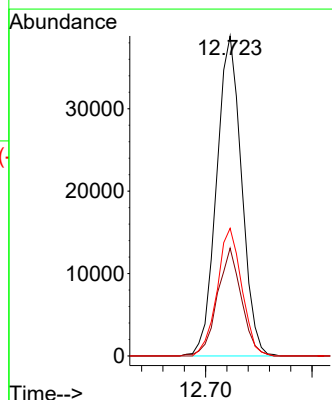
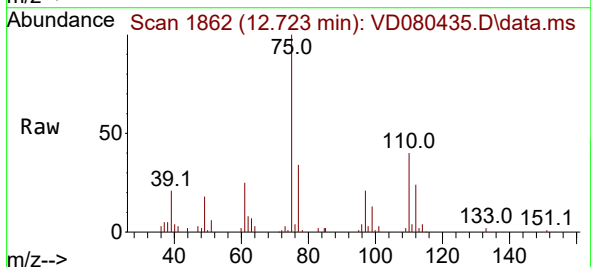
Tgt Ion: 75 Resp: 63291

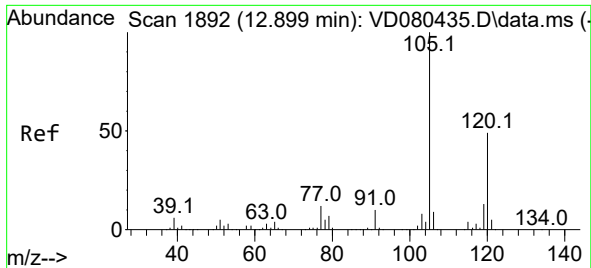
Ion Ratio Lower Upper

75 100

77 32.4 25.9 38.9

110 39.2 31.4 47.0

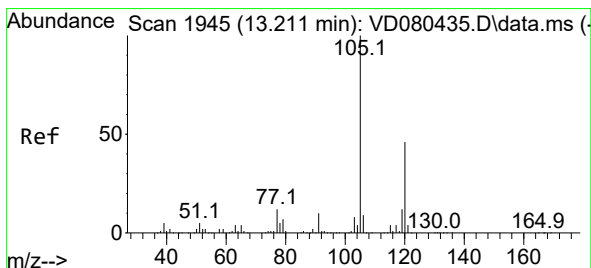
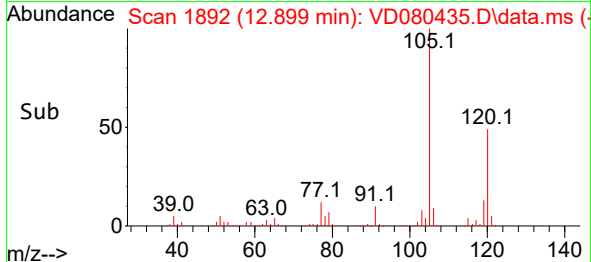
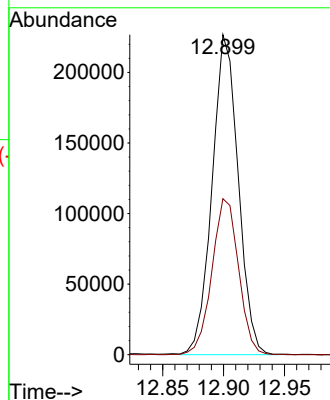
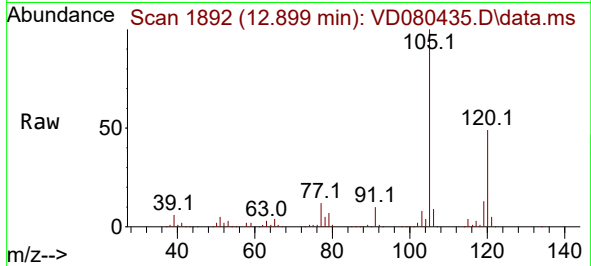




#62
1,3,5-Trimethylbenzene
Concen: 26.18 ug/L
RT: 12.899 min Scan# 1892
Delta R.T. 0.000 min
Lab File: VD080435.D
Acq: 13 Jun 2025 12:59

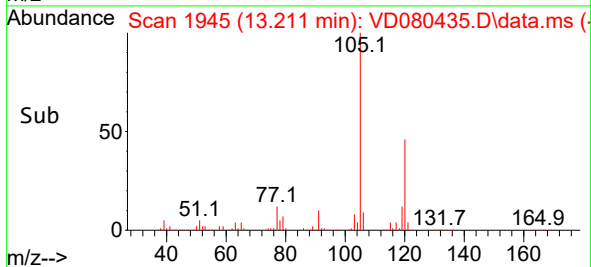
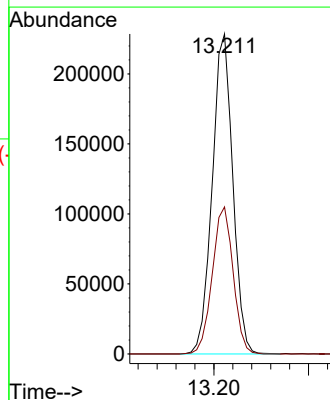
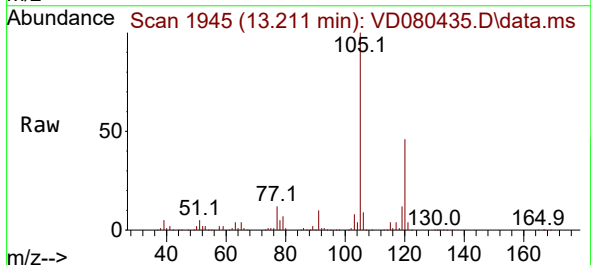
Instrument :
MSVOA_D
ClientSampleId :
VSTD025878

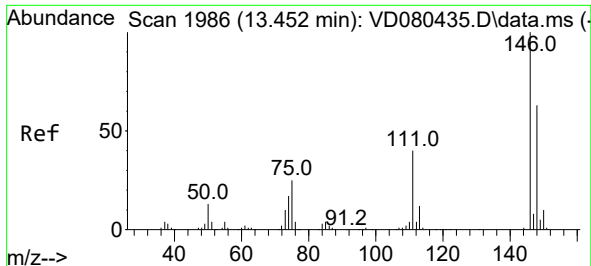
Tgt Ion:105 Resp: 338287
Ion Ratio Lower Upper
105 100
120 49.7 39.8 59.6



#63
1,2,4-Trimethylbenzene
Concen: 26.84 ug/L
RT: 13.211 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VD080435.D
Acq: 13 Jun 2025 12:59

Tgt Ion:105 Resp: 344052
Ion Ratio Lower Upper
105 100
120 46.6 37.3 55.9

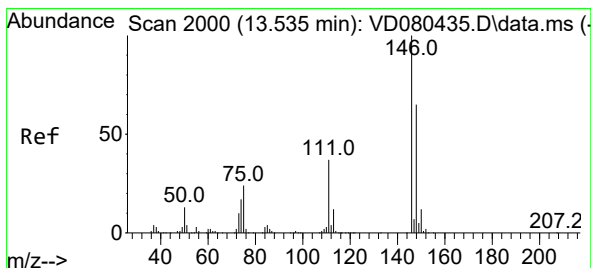
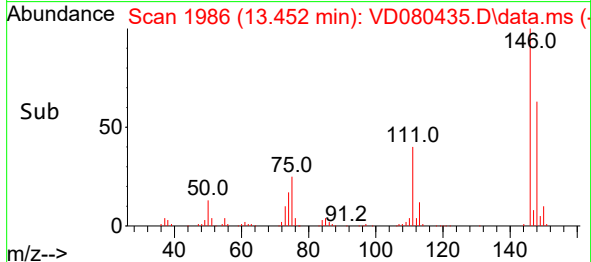
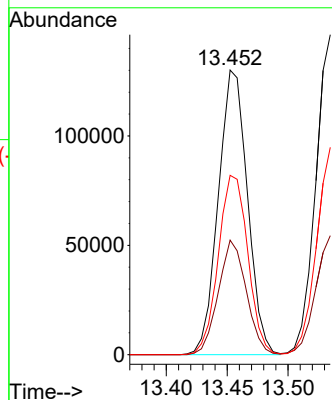
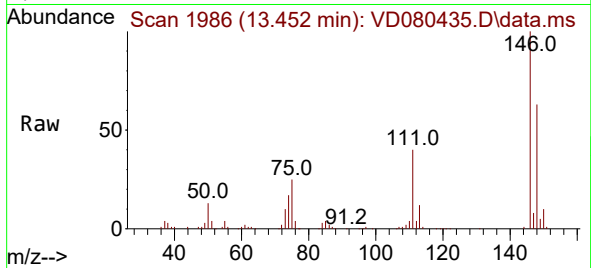




#64
1,3-Dichlorobenzene
Concen: 25.32 ug/L
RT: 13.452 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VD080435.D
Acq: 13 Jun 2025 12:59

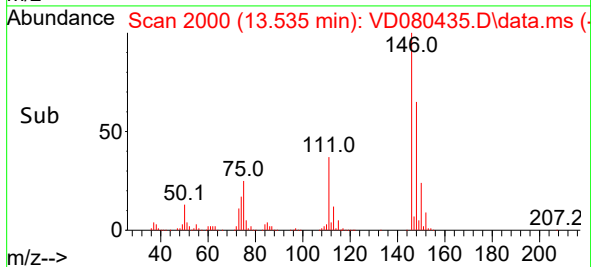
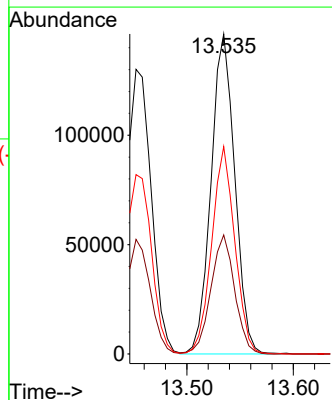
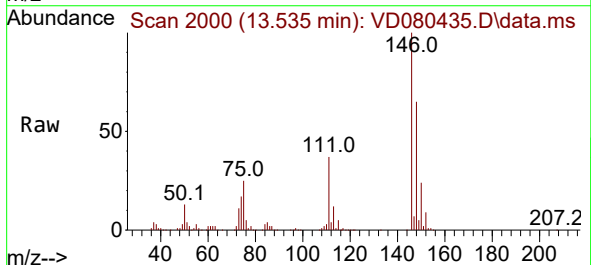
Instrument :
MSVOA_D
ClientSampleId :
VSTD025878

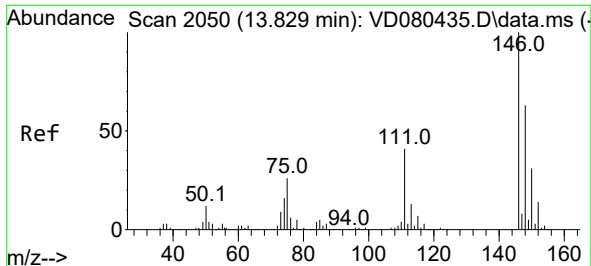
Tgt Ion:146 Resp: 217061
Ion Ratio Lower Upper
146 100
111 40.2 28.1 52.3
148 63.0 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 25.43 ug/L
RT: 13.535 min Scan# 2000
Delta R.T. 0.000 min
Lab File: VD080435.D
Acq: 13 Jun 2025 12:59

Tgt Ion:146 Resp: 226620
Ion Ratio Lower Upper
146 100
111 37.2 26.0 48.4
148 64.8 45.4 84.2

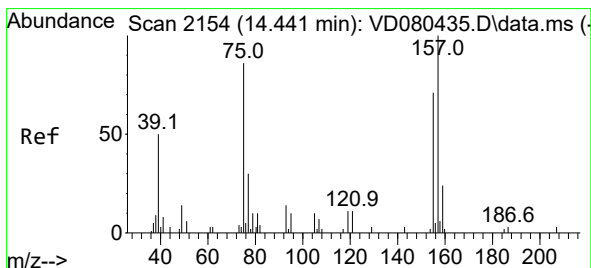
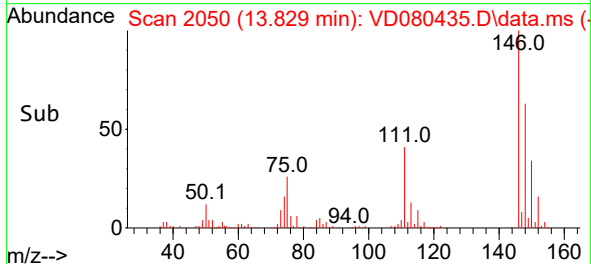
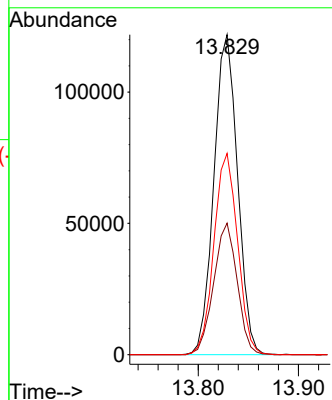
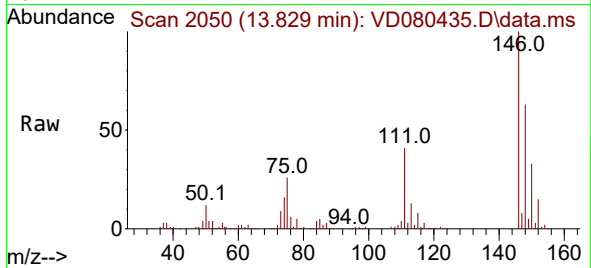




#67
1,2-Dichlorobenzene
Concen: 25.09 ug/L
RT: 13.829 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VD080435.D
Acq: 13 Jun 2025 12:59

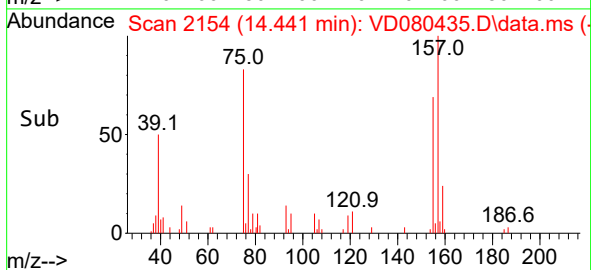
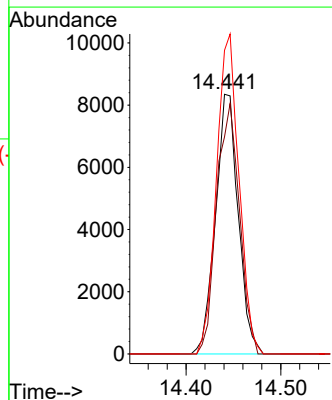
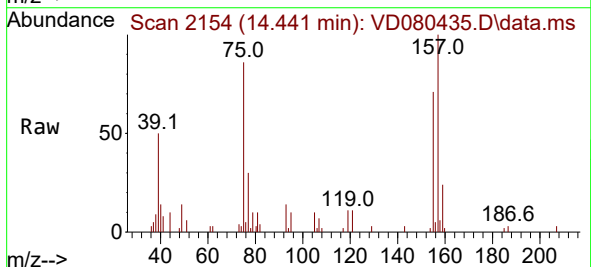
Instrument :
MSVOA_D
ClientSampleId :
VSTD025878

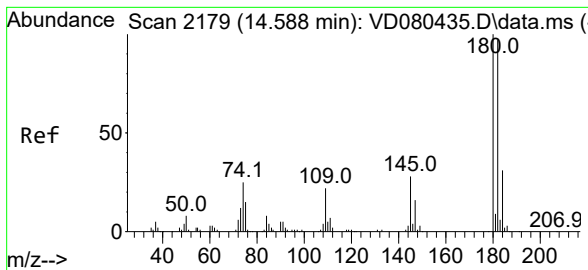
Tgt Ion:146 Resp: 199692
Ion Ratio Lower Upper
146 100
111 41.1 32.9 49.3
148 62.9 50.3 75.5



#68
1,2-Dibromo-3-chloropropane
Concen: 23.98 ug/L
RT: 14.441 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VD080435.D
Acq: 13 Jun 2025 12:59

Tgt Ion: 75 Resp: 13920
Ion Ratio Lower Upper
75 100
155 83.6 66.9 100.3
157 116.9 93.5 140.3





#69

1,3,5-Trichlorobenzene

Concen: 24.74 ug/L

RT: 14.588 min Scan# 2179

Delta R.T. 0.000 min

Lab File: VD080435.D

Acq: 13 Jun 2025 12:59

Instrument :

MSVOA_D

ClientSampleId :

VSTD025878

Tgt Ion:180 Resp: 146206

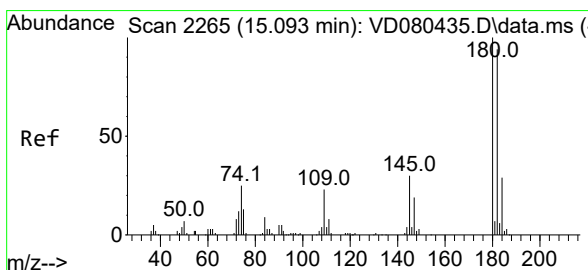
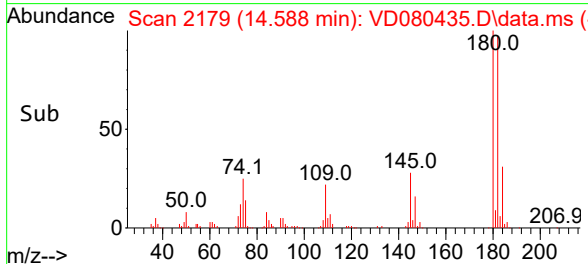
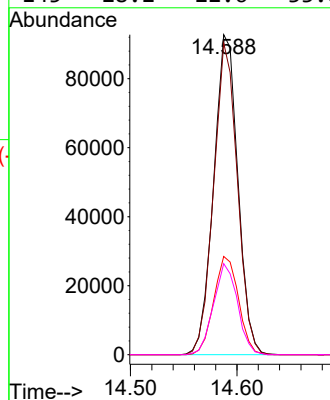
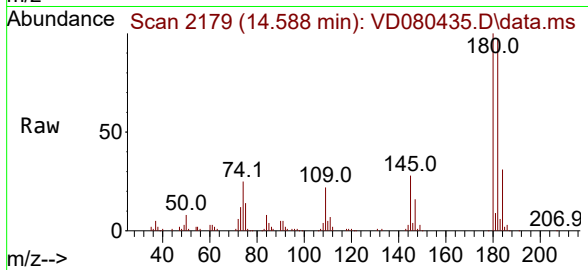
Ion Ratio Lower Upper

180 100

182 95.4 76.3 114.5

184 31.4 25.1 37.7

145 28.2 22.6 33.8



#70

1,2,4-trichlorobenzene

Concen: 24.68 ug/L

RT: 15.093 min Scan# 2265

Delta R.T. 0.000 min

Lab File: VD080435.D

Acq: 13 Jun 2025 12:59

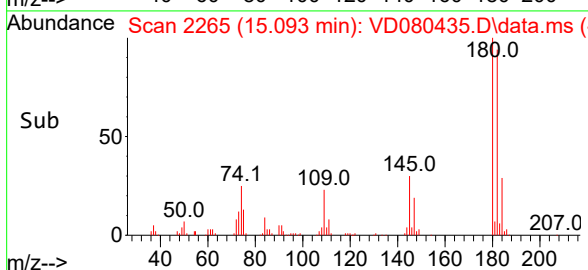
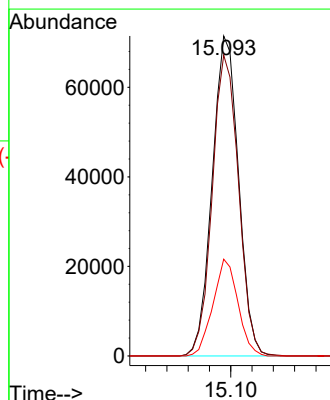
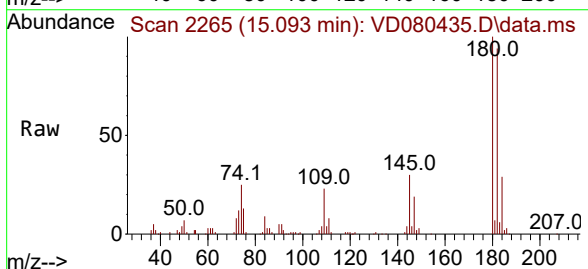
Tgt Ion:180 Resp: 122625

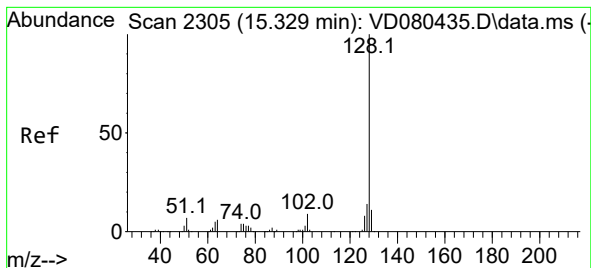
Ion Ratio Lower Upper

180 100

182 93.8 75.0 112.6

145 28.6 22.9 34.3





#71

Naphthalene

Concen: 25.04 ug/L

RT: 15.329 min Scan# 2305

Delta R.T. 0.000 min

Lab File: VD080435.D

Acq: 13 Jun 2025 12:59

Instrument :

MSVOA_D

ClientSampleId :

VSTD025878

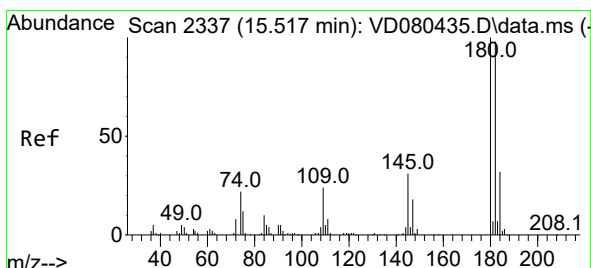
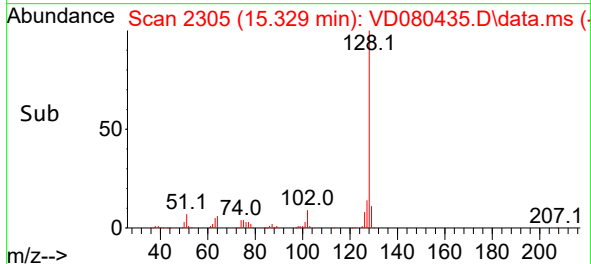
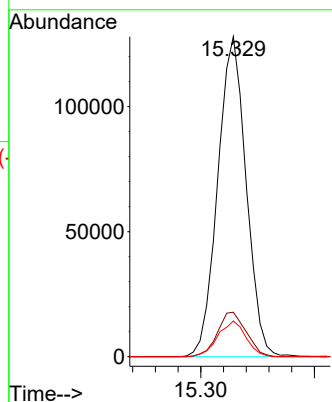
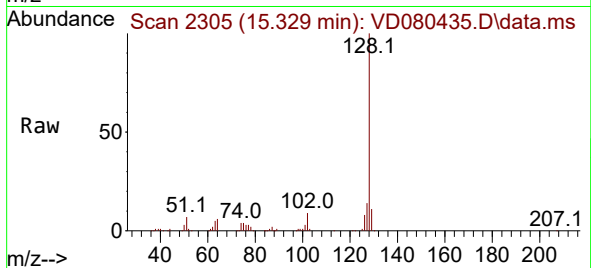
Tgt Ion:128 Resp: 221952

Ion Ratio Lower Upper

128 100

127 14.1 11.3 16.9

129 11.0 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 25.38 ug/L

RT: 15.517 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VD080435.D

Acq: 13 Jun 2025 12:59

Tgt Ion:180 Resp: 116561

Ion Ratio Lower Upper

180 100

182 96.3 77.0 115.6

145 31.5 25.2 37.8

