

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061325\
 Data File : VD080433.D
 Acq On : 13 Jun 2025 12:07
 Operator : RP/MD
 Sample : VSTD2.5
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD2.5876

Quant Time: Jun 16 09:48:33 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	215501	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.576	117	208167	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.517	152	102801	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	11570	3.13	ug/L	0.00
7) Chloroethane-d5	2.806	69	9464	3.04	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.917	65	3776	2.97	ug/L	0.00
21) 2-Butanone-d5	6.988	46	3264	5.05	ug/L	0.00
24) Chloroform-d	7.570	84	18231	2.93	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.235	65	9363	3.04	ug/L	0.00
32) Benzene-d6	8.200	84	31182	2.68	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.211	67	10713	2.87	ug/L	0.00
41) Toluene-d8	10.264	98	28173	2.57	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.523	79	3991	2.54	ug/L	0.00
47) 2-Hexanone-d5	10.876	63	2582	4.56	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.646	84	9082	2.75	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.811	152	11216	2.93	ug/L	0.00
Target Compounds						
2) Dichlorodifluoromethane	1.935	85	10570	3.04	ug/L	98
3) Chloromethane	2.147	50	10703	3.12	ug/L	100
5) Vinyl chloride	2.282	62	11484	2.82	ug/L #	72
6) Bromomethane	2.694	94	5868	2.72	ug/L	96
8) Chloroethane	2.841	64	7583	2.77	ug/L	89
9) Trichlorofluoromethane	3.170	101	15258	2.83	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.959	101	5069	1.50	ug/L #	80
12) 1,1-Dichloroethene	3.947	96	7918	2.71	ug/L	84
13) Acetone	4.017	43	1759	3.01	ug/L	93
14) Carbon disulfide	4.270	76	27687	2.80	ug/L #	90
15) Methyl Acetate	4.559	43	1693	1.22	ug/L #	58
16) Methylene chloride	4.794	84	10060	2.49	ug/L	93
17) trans-1,2-Dichloroethene	5.323	96	8773	2.67	ug/L	90
18) Methyl tert-butyl Ether	5.311	73	7494	1.17	ug/L #	90
19) 1,1-Dichloroethane	6.111	63	15289	2.68	ug/L	94
20) cis-1,2-Dichloroethene	7.076	96	8581	2.45	ug/L	96
22) 2-Butanone	7.082	43	2060	2.56	ug/L	83
23) Bromochloromethane	7.423	128	4791	2.68	ug/L #	85
25) Chloroform	7.594	83	16759	2.64	ug/L	92
27) 1,2-Dichloroethane	8.323	62	9673	2.66	ug/L #	90
29) Cyclohexane	7.876	56	10512	2.27	ug/L #	61
30) 1,1,1-Trichloroethane	7.788	97	14241	2.72	ug/L	99
31) Carbon tetrachloride	7.988	117	13661	2.80	ug/L #	71
33) Benzene	8.247	78	32514	2.54	ug/L	100
34) Trichloroethene	9.029	95	9709	2.71	ug/L	91
35) Methylcyclohexane	9.270	83	12457	2.36	ug/L	95
37) 1,2-Dichloropropane	9.305	63	9297	2.65	ug/L #	91
38) Bromodichloromethane	9.582	83	11894	2.59	ug/L #	93
39) cis-1,3-Dichloropropene	10.017	75	12128	2.32	ug/L	96
40) 4-Methyl-2-pentanone	10.158	43	7751	4.35	ug/L	99
42) Toluene	10.335	91	32326	2.30	ug/L	100
44) trans-1,3-Dichloropropene	10.552	75	10345	2.29	ug/L	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061325\
 Data File : VD080433.D
 Acq On : 13 Jun 2025 12:07
 Operator : RP/MD
 Sample : VSTD2.5
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD2.5876

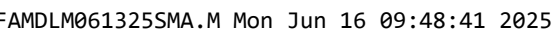
Quant Time: Jun 16 09:48:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061325SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Jun 16 09:46:58 2025
 Response via : Initial Calibration

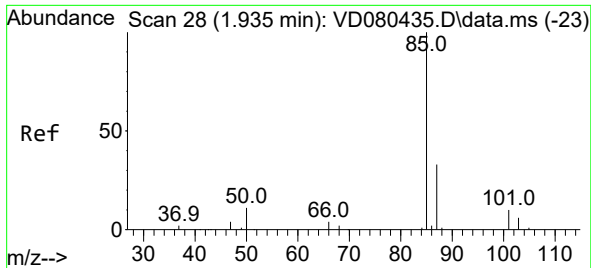
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	10.735	97	7530	2.63	ug/L	82
46) Tetrachloroethene	10.805	164	8128	2.60	ug/L	94
48) 2-Hexanone	10.917	43	5843	4.49	ug/L	93
49) Dibromochloromethane	11.064	129	8536	2.51	ug/L	95
50) 1,2-Dibromoethane	11.170	107	6476	2.40	ug/L #	92
51) Chlorobenzene	11.599	112	24141	2.52	ug/L	92
52) Ethylbenzene	11.682	91	34886	2.31	ug/L	95
53) m,p-Xylene	11.793	106	12978	2.22	ug/L	96
54) o-Xylene	12.117	106	12023	2.15	ug/L	94
55) Styrene	12.135	104	21208	2.12	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.670	83	8538	2.57	ug/L	97
59) Bromoform	12.299	173	5624	2.63	ug/L #	97
60) Isopropylbenzene	12.417	105	32572	2.38	ug/L	98
61) 1,2,3-Trichloropropane	12.723	75	6111	2.89	ug/L	95
62) 1,3,5-Trimethylbenzene	12.899	105	24705	2.31	ug/L	100
63) 1,2,4-Trimethylbenzene	13.205	105	23374	2.20	ug/L	99
64) 1,3-Dichlorobenzene	13.452	146	18465	2.60	ug/L	96
65) 1,4-Dichlorobenzene	13.535	146	19836	2.69	ug/L	99
67) 1,2-Dichlorobenzene	13.829	146	17501	2.65	ug/L	90
68) 1,2-Dibromo-3-chloropr...	14.440	75	1382	2.87	ug/L #	62
69) 1,3,5-Trichlorobenzene	14.593	180	13205	2.70	ug/L	95
70) 1,2,4-trichlorobenzene	15.093	180	10809	2.63	ug/L	93
71) Naphthalene	15.329	128	17383	2.37	ug/L	97
72) 1,2,3-Trichlorobenzene	15.517	180	9883	2.60	ug/L	99

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

Quant Time: Jun 16 09:48:33 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

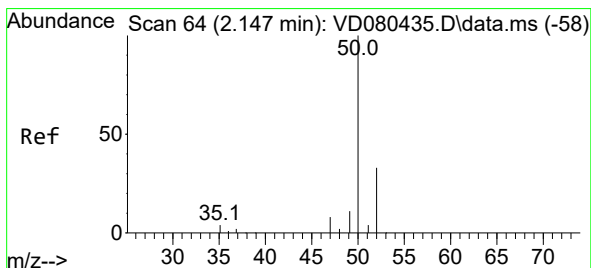
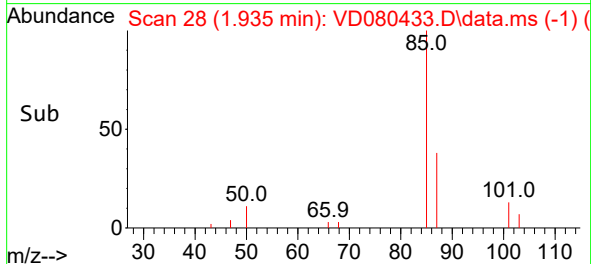
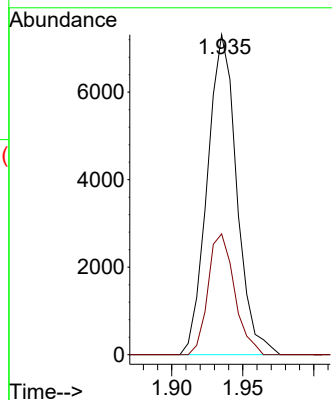
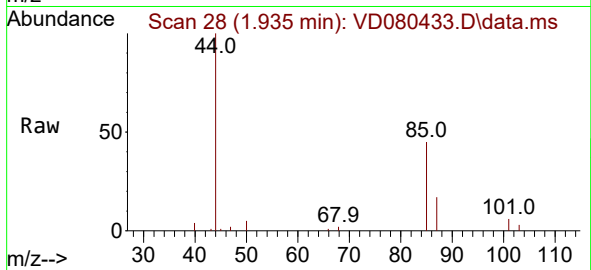




#2
Dichlorodifluoromethane
Concen: 3.04 ug/L
RT: 1.935 min Scan# 28
Delta R.T. -0.000 min
Lab File: VD080433.D
Acq: 13 Jun 2025 12:07

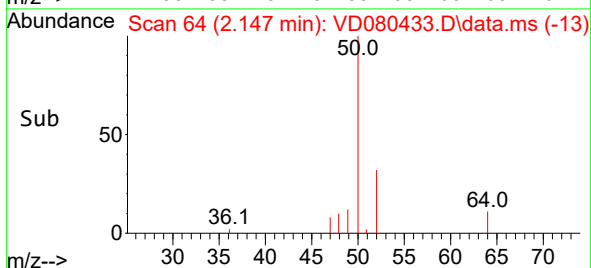
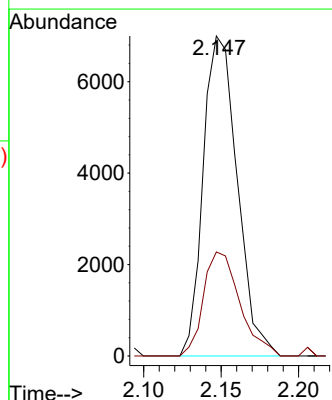
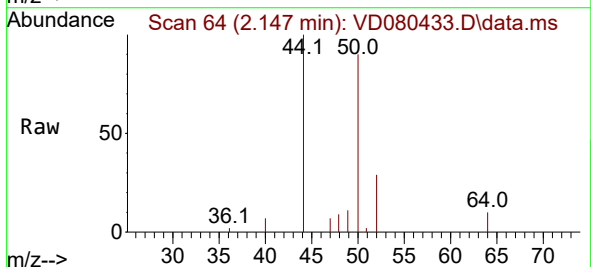
Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5876

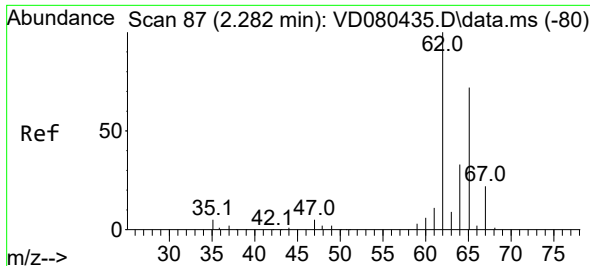
Tgt Ion: 85 Resp: 10570
Ion Ratio Lower Upper
85 100
87 33.9 26.2 39.4



#3
Chloromethane
Concen: 3.12 ug/L
RT: 2.147 min Scan# 64
Delta R.T. -0.000 min
Lab File: VD080433.D
Acq: 13 Jun 2025 12:07

Tgt Ion: 50 Resp: 10703
Ion Ratio Lower Upper
50 100
52 32.5 22.9 42.5

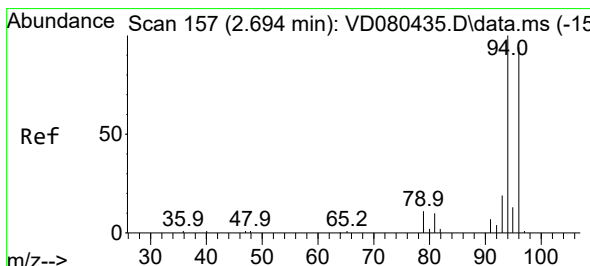
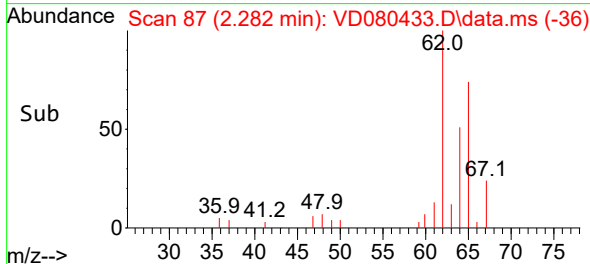
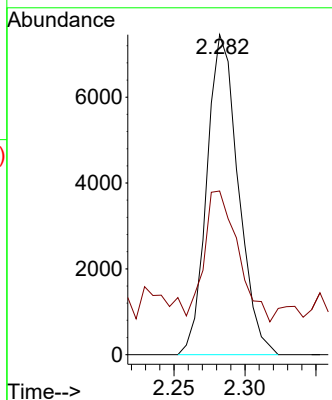
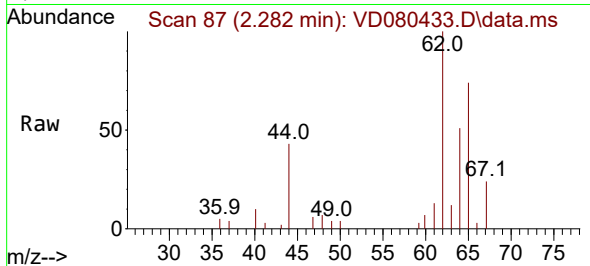




#5
 Vinyl chloride
 Concen: 2.82 ug/L
 RT: 2.282 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VD080433.D
 Acq: 13 Jun 2025 12:07

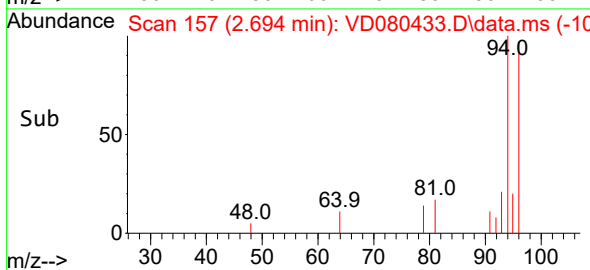
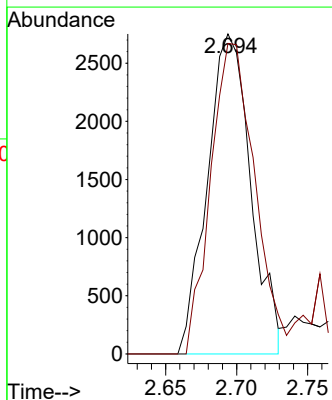
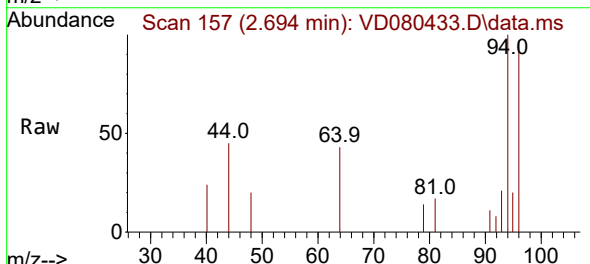
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD2.5876

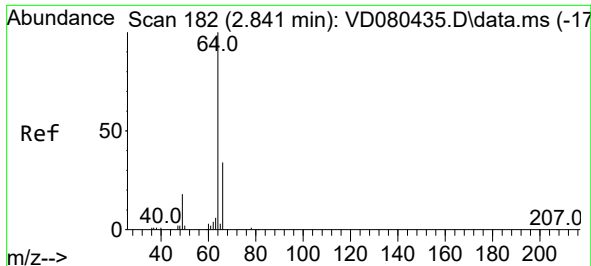
Tgt Ion: 62 Resp: 11484
 Ion Ratio Lower Upper
 62 100
 64 51.2 24.4 45.4#



#6
 Bromomethane
 Concen: 2.72 ug/L
 RT: 2.694 min Scan# 157
 Delta R.T. -0.000 min
 Lab File: VD080433.D
 Acq: 13 Jun 2025 12:07

Tgt Ion: 94 Resp: 5868
 Ion Ratio Lower Upper
 94 100
 96 97.1 65.5 121.7

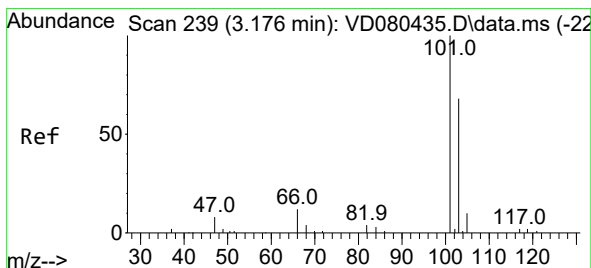
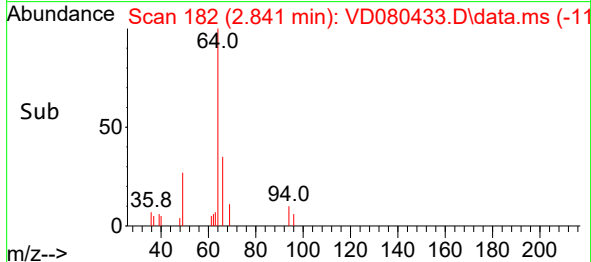
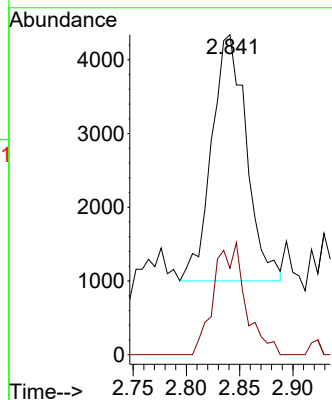
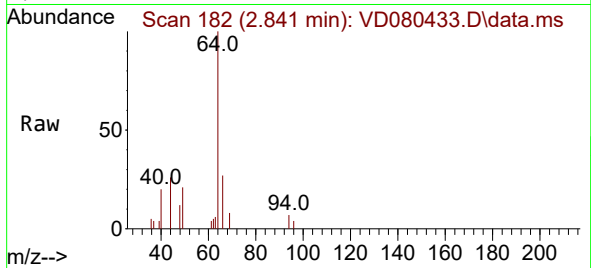




#8
Chloroethane
Concen: 2.77 ug/L
RT: 2.841 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD080433.D
Acq: 13 Jun 2025 12:07

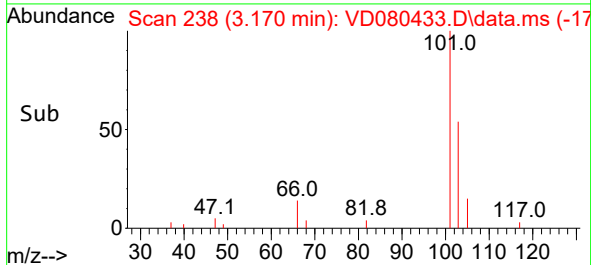
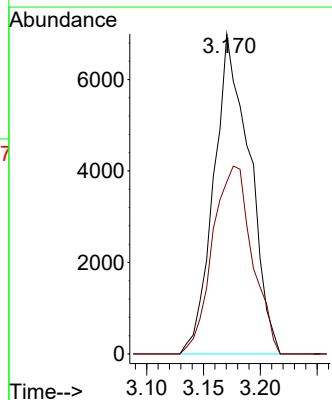
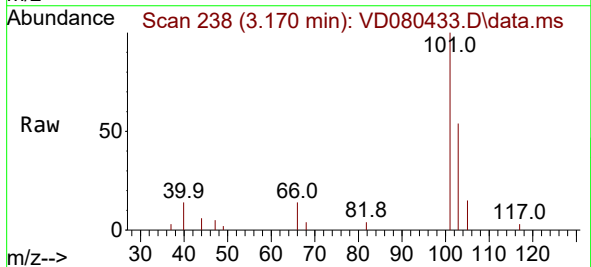
Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5876

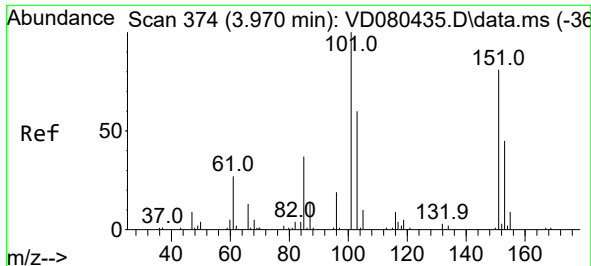
Tgt Ion: 64 Resp: 7583
Ion Ratio Lower Upper
64 100
66 27.0 23.3 43.3



#9
Trichlorofluoromethane
Concen: 2.83 ug/L
RT: 3.170 min Scan# 238
Delta R.T. -0.006 min
Lab File: VD080433.D
Acq: 13 Jun 2025 12:07

Tgt Ion: 101 Resp: 15258
Ion Ratio Lower Upper
101 100
103 65.4 51.4 77.0

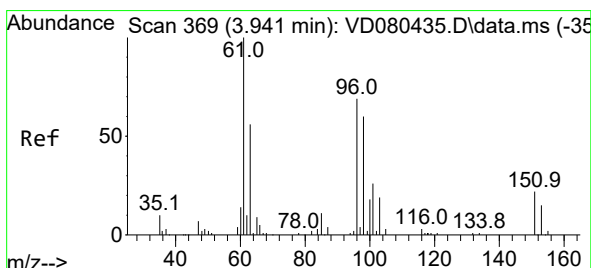
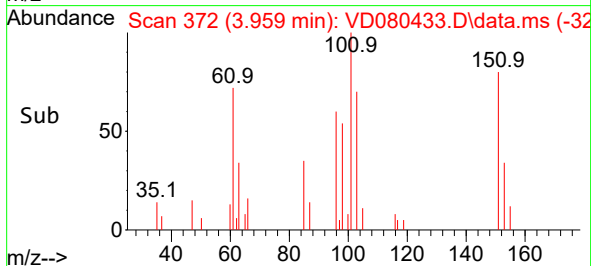
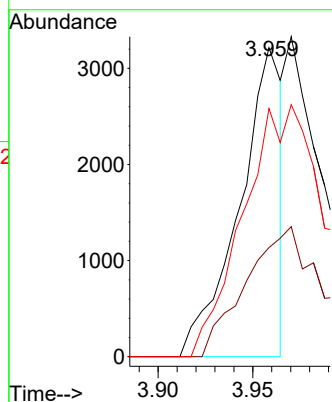
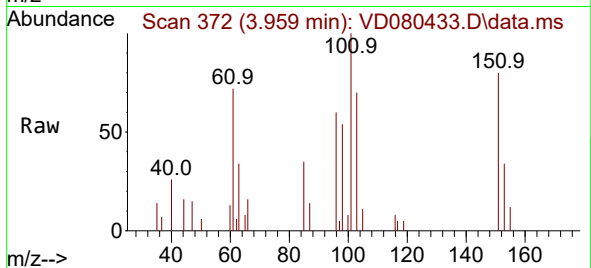




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.50 ug/L
 RT: 3.959 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: VD080433.D
 Acq: 13 Jun 2025 12:07

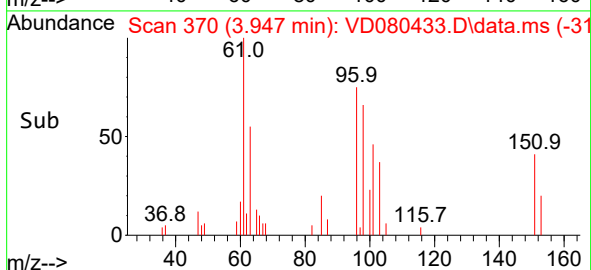
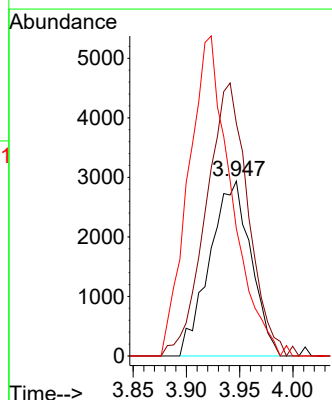
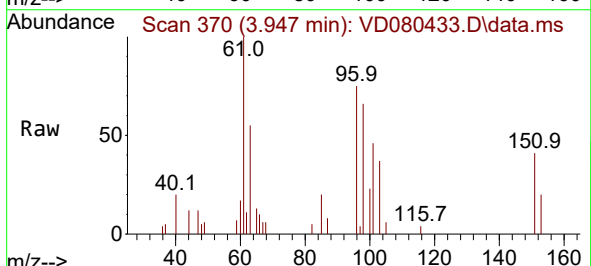
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD2.5876

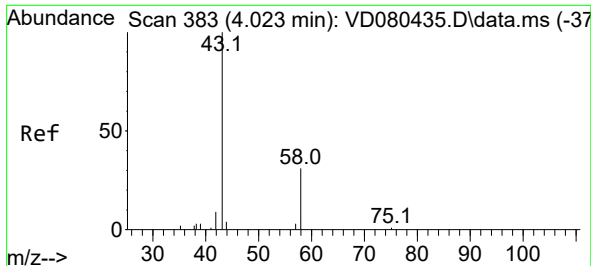
Tgt Ion:101 Resp: 5069
 Ion Ratio Lower Upper
 101 100
 85 72.4 33.3 49.9#
 151 77.8 66.3 99.5



#12
 1,1-Dichloroethene
 Concen: 2.71 ug/L
 RT: 3.947 min Scan# 370
 Delta R.T. 0.006 min
 Lab File: VD080433.D
 Acq: 13 Jun 2025 12:07

Tgt Ion: 96 Resp: 7918
 Ion Ratio Lower Upper
 96 100
 61 132.9 103.0 191.2
 63 72.7 66.8 124.0





#13

Acetone

Concen: 3.01 ug/L

RT: 4.017 min Scan# 382

Delta R.T. -0.006 min

Lab File: VD080433.D

Acq: 13 Jun 2025 12:07

Instrument :

MSVOA_D

ClientSampleId :

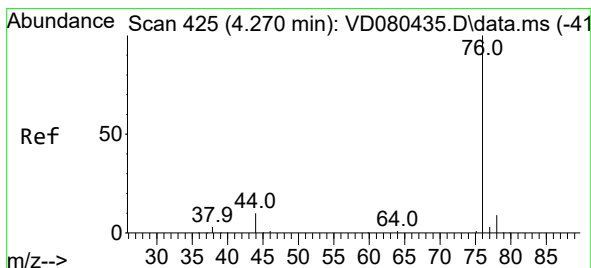
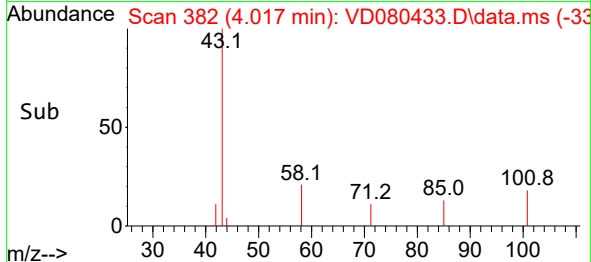
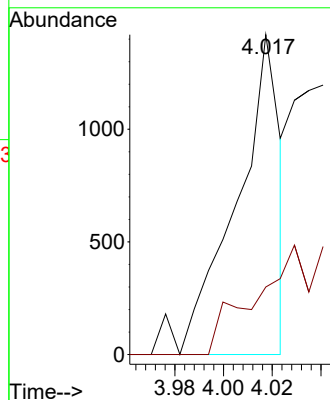
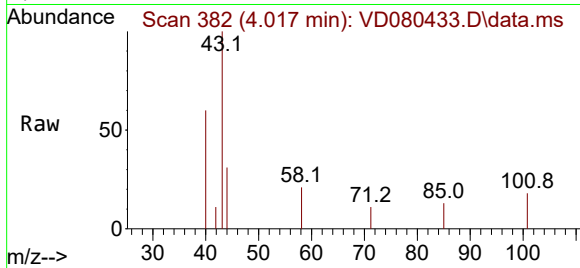
VSTD2.5876

Tgt Ion: 43 Resp: 1759

Ion Ratio Lower Upper

43 100

58 28.1 0.0 64.4



#14

Carbon disulfide

Concen: 2.80 ug/L

RT: 4.270 min Scan# 425

Delta R.T. -0.000 min

Lab File: VD080433.D

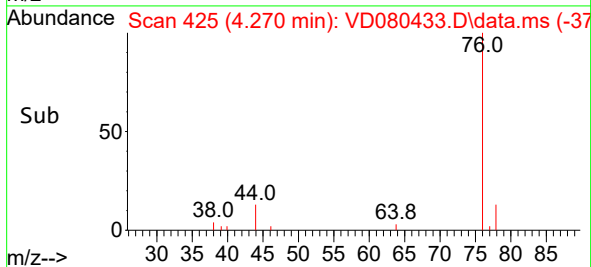
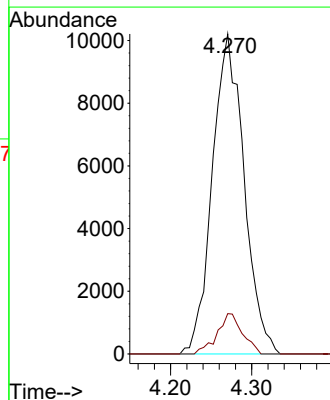
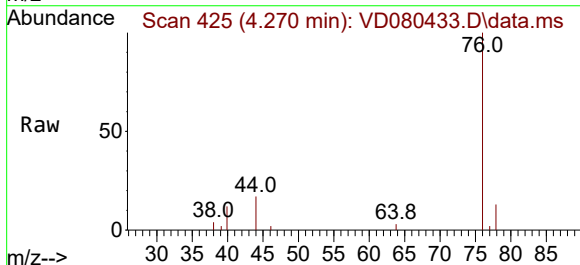
Acq: 13 Jun 2025 12:07

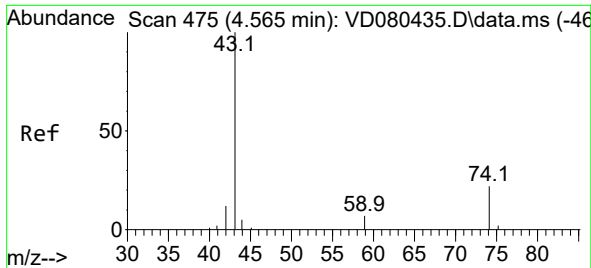
Tgt Ion: 76 Resp: 27687

Ion Ratio Lower Upper

76 100

78 12.6 7.2 10.8#

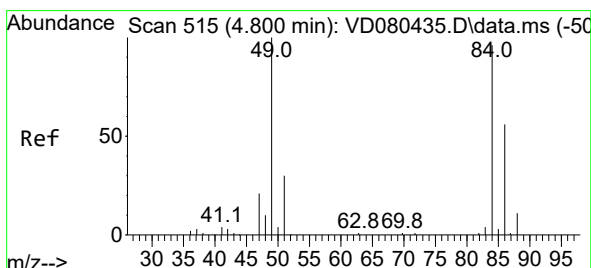
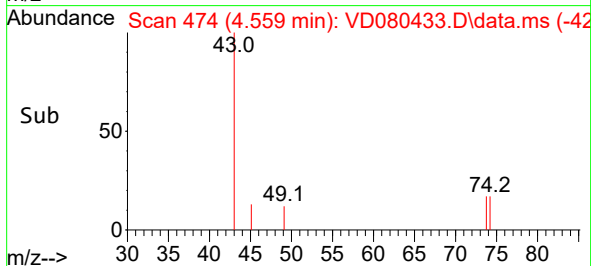
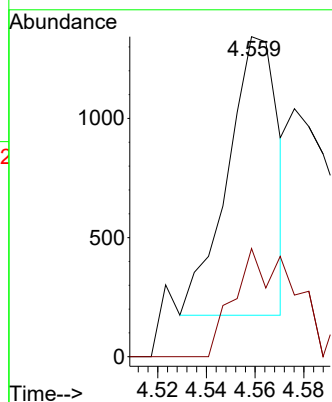
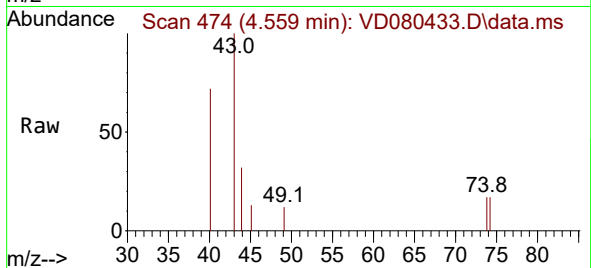




#15
Methyl Acetate
Concen: 1.22 ug/L
RT: 4.559 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD080433.D
Acq: 13 Jun 2025 12:07

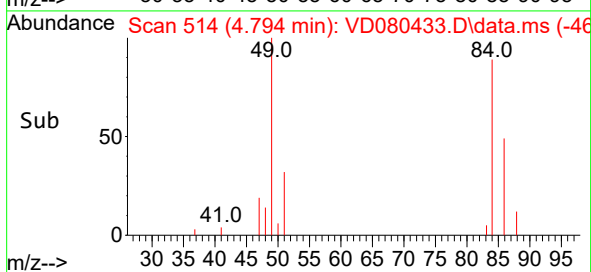
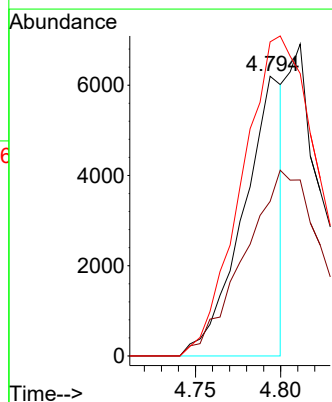
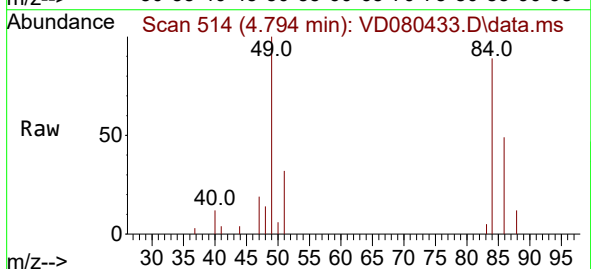
Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5876

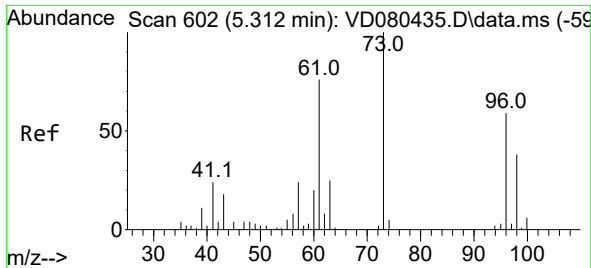
Tgt Ion: 43 Resp: 1693
Ion Ratio Lower Upper
43 100
74 44.9 19.2 28.8#



#16
Methylene chloride
Concen: 2.49 ug/L
RT: 4.794 min Scan# 514
Delta R.T. -0.006 min
Lab File: VD080433.D
Acq: 13 Jun 2025 12:07

Tgt Ion: 84 Resp: 10060
Ion Ratio Lower Upper
84 100
86 55.3 40.9 75.9
49 112.3 72.8 135.2

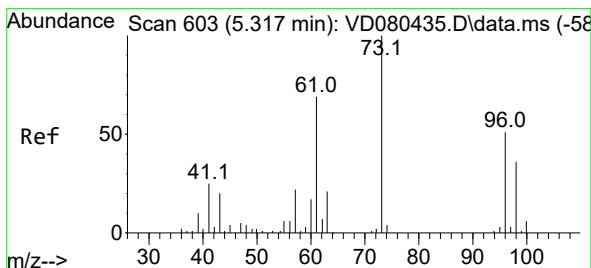
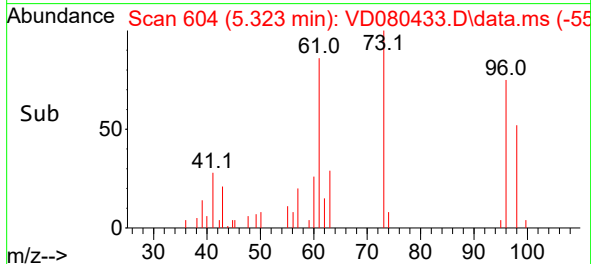
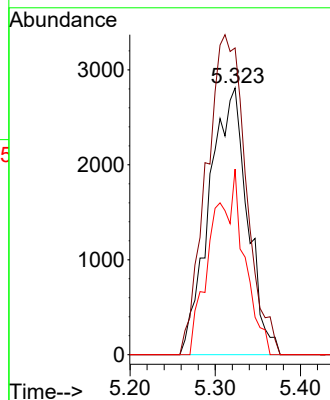
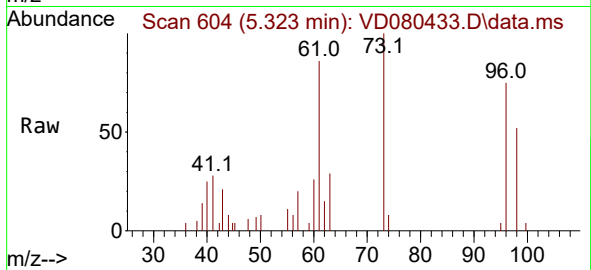




#17
trans-1,2-Dichloroethene
Concen: 2.67 ug/L
RT: 5.323 min Scan# 604
Delta R.T. 0.012 min
Lab File: VD080433.D
Acq: 13 Jun 2025 12:07

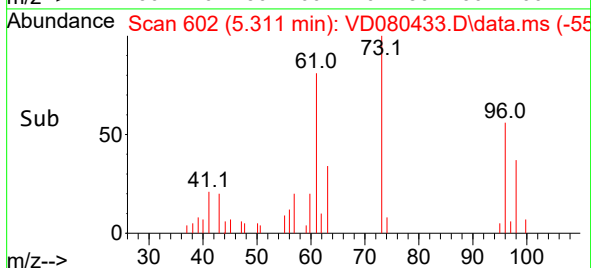
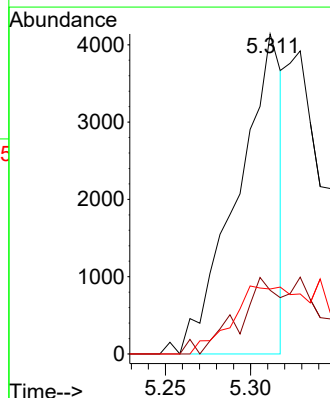
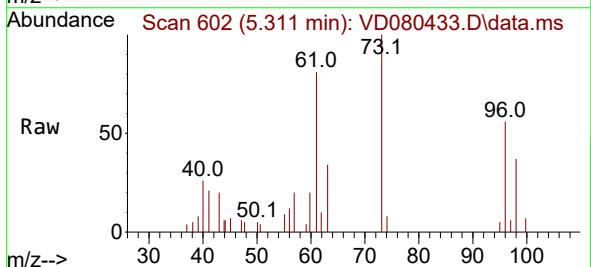
Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5876

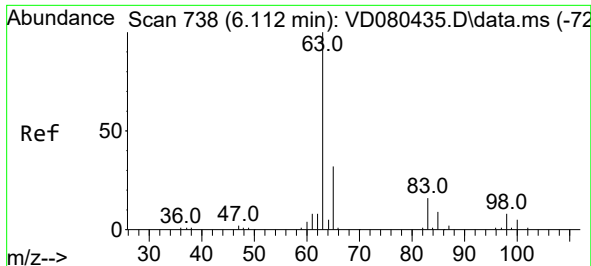
Tgt Ion: 96 Resp: 8773
Ion Ratio Lower Upper
96 100
61 115.0 89.9 167.0
98 69.6 44.6 82.8



#18
Methyl tert-butyl Ether
Concen: 1.17 ug/L
RT: 5.311 min Scan# 602
Delta R.T. -0.006 min
Lab File: VD080433.D
Acq: 13 Jun 2025 12:07

Tgt Ion: 73 Resp: 7494
Ion Ratio Lower Upper
73 100
43 15.0 14.6 22.0
57 19.5 11.2 16.8#





#19

1,1-Dichloroethane

Concen: 2.68 ug/L

RT: 6.111 min Scan# 71

Delta R.T. -0.000 min

Lab File: VD080433.D

Acq: 13 Jun 2025 12:07

Instrument :

MSVOA_D

ClientSampleId :

VSTD2.5876

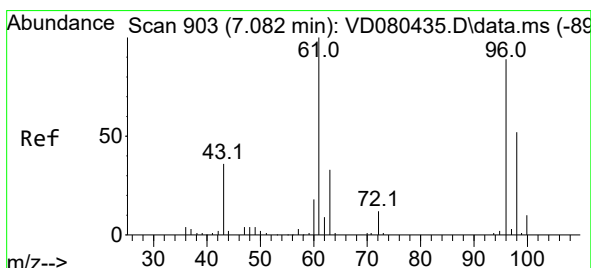
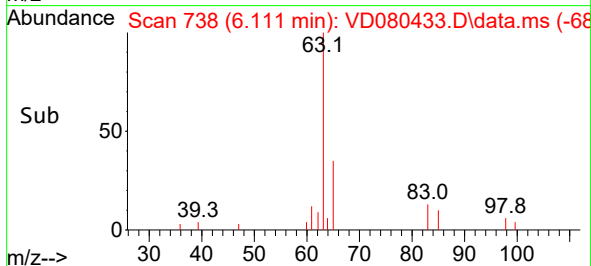
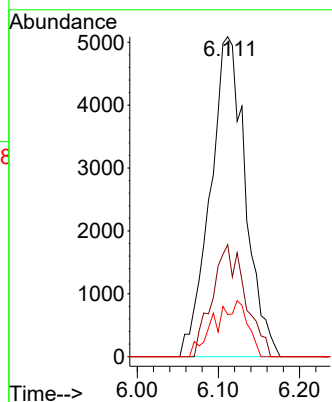
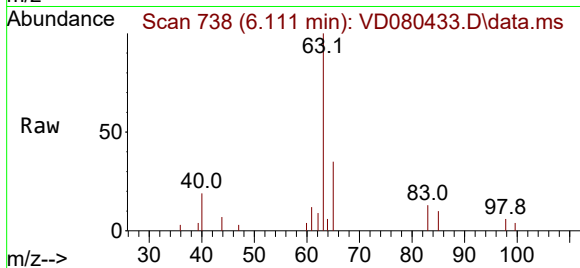
Tgt Ion: 63 Resp: 15289

Ion Ratio Lower Upper

63 100

65 35.0 22.1 41.1

83 13.2 11.2 20.8



#20

cis-1,2-Dichloroethene

Concen: 2.45 ug/L

RT: 7.076 min Scan# 902

Delta R.T. -0.006 min

Lab File: VD080433.D

Acq: 13 Jun 2025 12:07

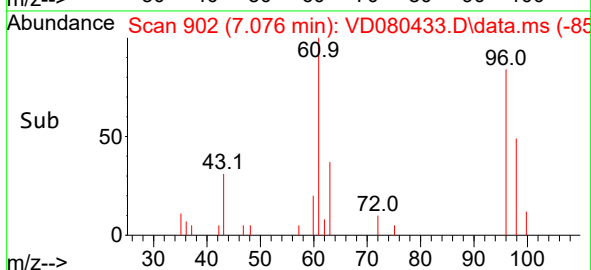
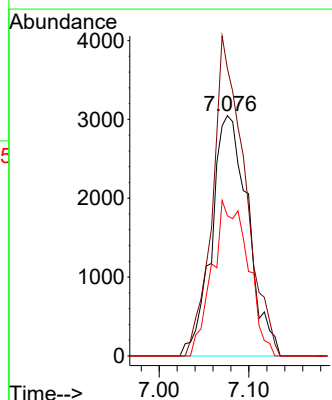
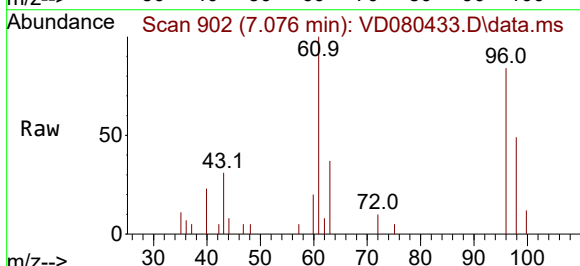
Tgt Ion: 96 Resp: 8581

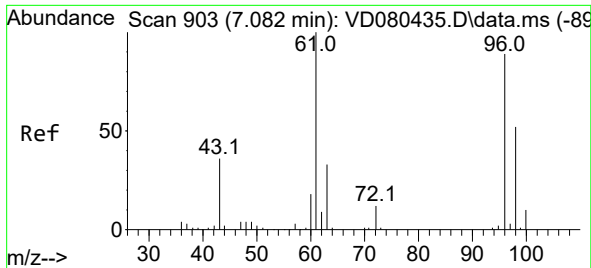
Ion Ratio Lower Upper

96 100

61 119.6 79.2 147.2

98 58.3 41.3 76.7

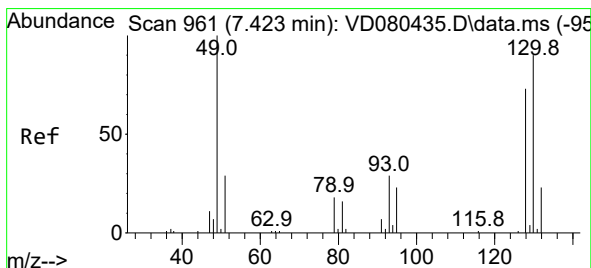
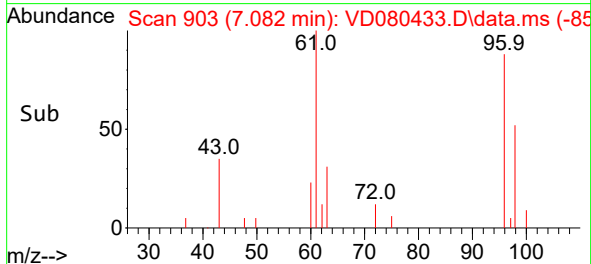
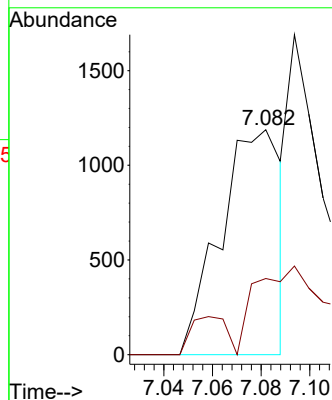
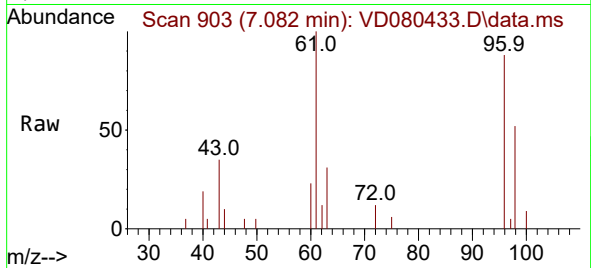




#22
2-Butanone
Concen: 2.56 ug/L
RT: 7.082 min Scan# 903
Delta R.T. -0.000 min
Lab File: VD080433.D
Acq: 13 Jun 2025 12:07

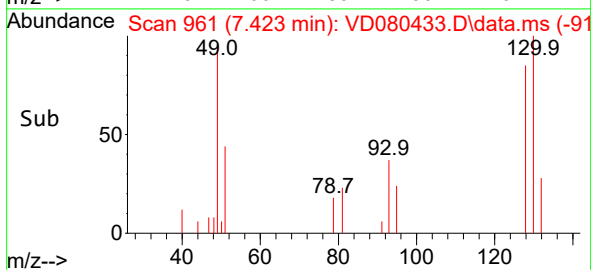
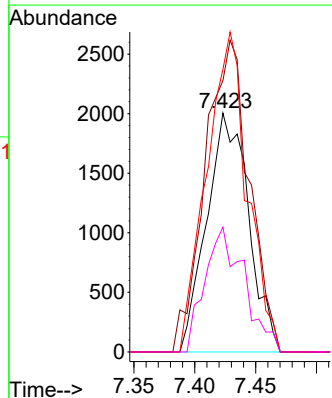
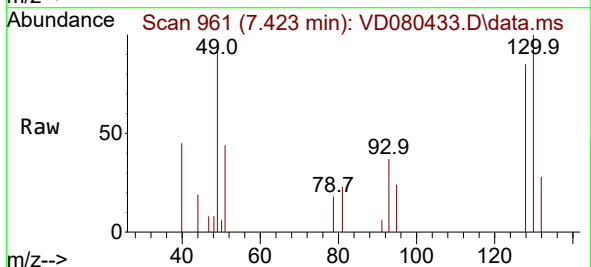
Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5876

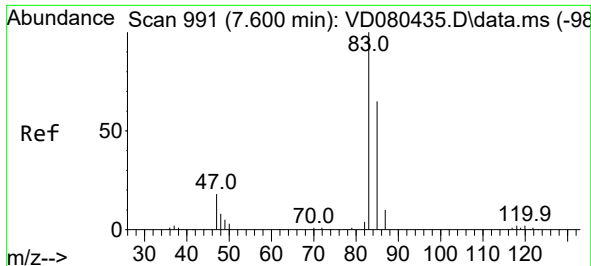
Tgt Ion: 43 Resp: 2060
Ion Ratio Lower Upper
43 100
72 19.9 14.4 43.2



#23
Bromochloromethane
Concen: 2.68 ug/L
RT: 7.423 min Scan# 961
Delta R.T. -0.000 min
Lab File: VD080433.D
Acq: 13 Jun 2025 12:07

Tgt Ion: 128 Resp: 4791
Ion Ratio Lower Upper
128 100
49 113.6 97.5 181.1
130 118.3 87.5 162.5
51 52.3 32.1 48.1#





#25

Chloroform

Concen: 2.64 ug/L

RT: 7.594 min Scan# 991

Delta R.T. -0.006 min

Lab File: VD080433.D

Acq: 13 Jun 2025 12:07

Instrument :

MSVOA_D

ClientSampleId :

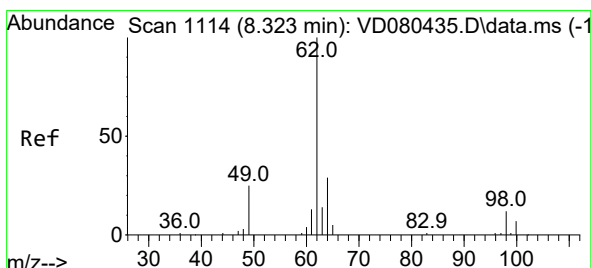
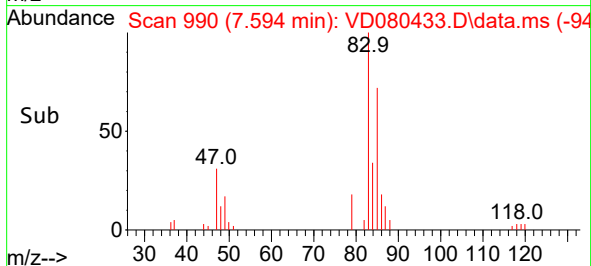
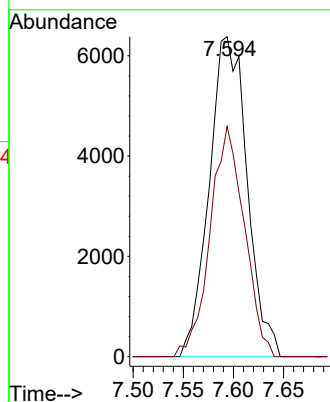
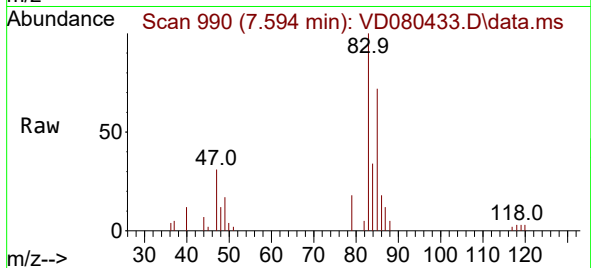
VSTD2.5876

Tgt Ion: 83 Resp: 16759

Ion Ratio Lower Upper

83 100

85 72.0 45.8 85.0



#27

1,2-Dichloroethane

Concen: 2.66 ug/L

RT: 8.323 min Scan# 1114

Delta R.T. -0.000 min

Lab File: VD080433.D

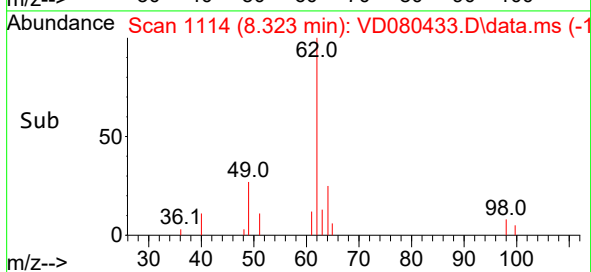
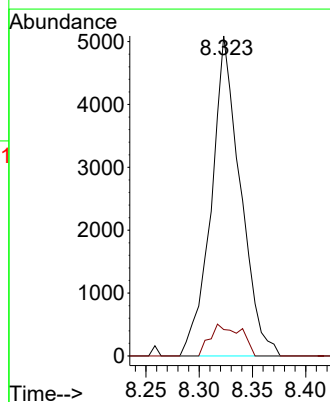
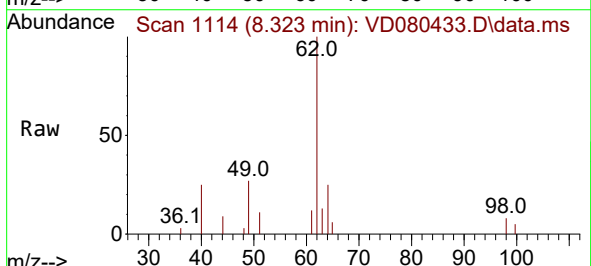
Acq: 13 Jun 2025 12:07

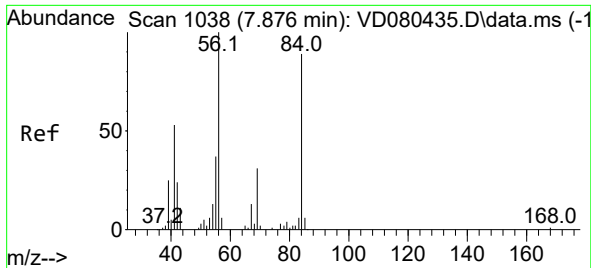
Tgt Ion: 62 Resp: 9673

Ion Ratio Lower Upper

62 100

98 8.3 9.7 14.5#

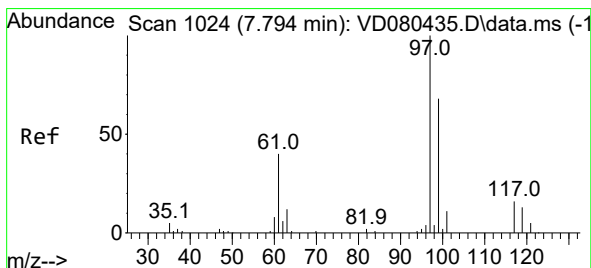
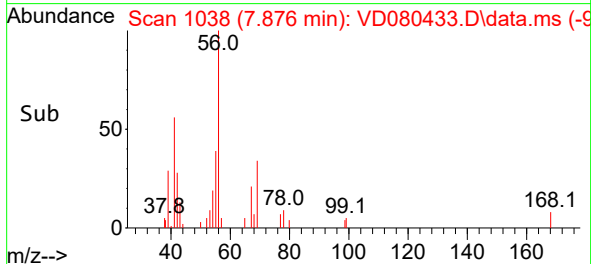
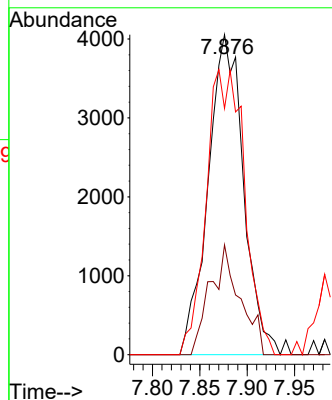
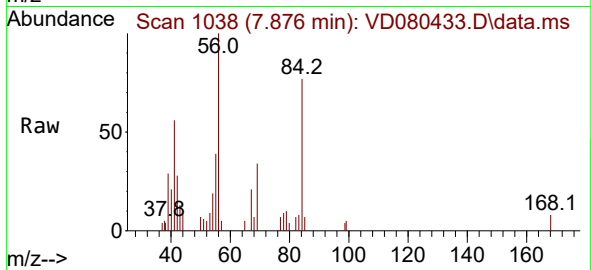




#29
Cyclohexane
Concen: 2.27 ug/L
RT: 7.876 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VD080433.D
Acq: 13 Jun 2025 12:07

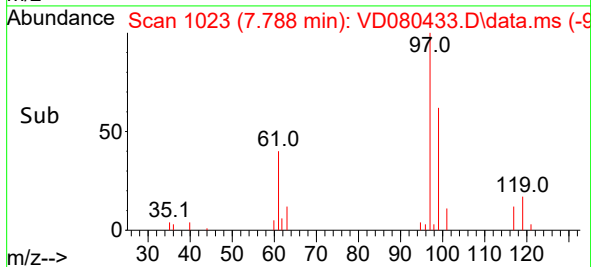
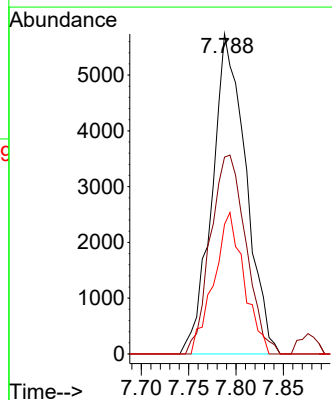
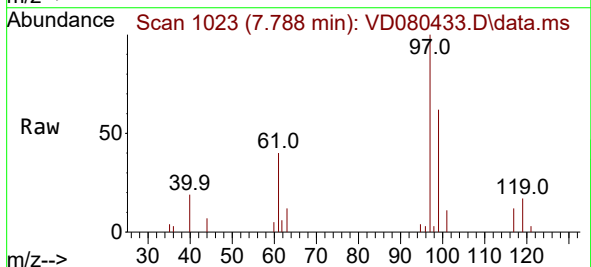
Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5876

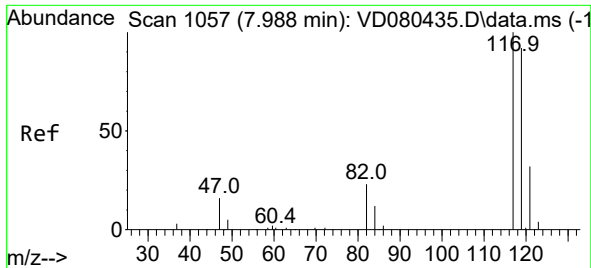
Tgt Ion: 56 Resp: 10512
Ion Ratio Lower Upper
56 100
69 16.0 25.4 38.0#
84 50.2 72.4 108.6#



#30
1,1,1-Trichloroethane
Concen: 2.72 ug/L
RT: 7.788 min Scan# 1023
Delta R.T. -0.006 min
Lab File: VD080433.D
Acq: 13 Jun 2025 12:07

Tgt Ion: 97 Resp: 14241
Ion Ratio Lower Upper
97 100
99 65.2 52.6 79.0
61 39.6 32.0 48.0

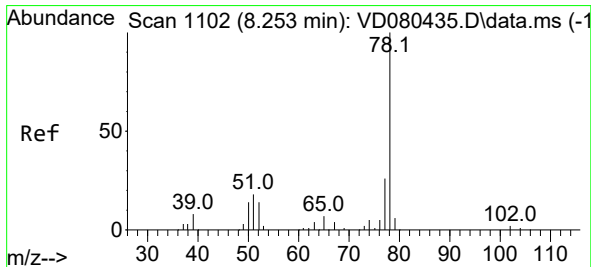
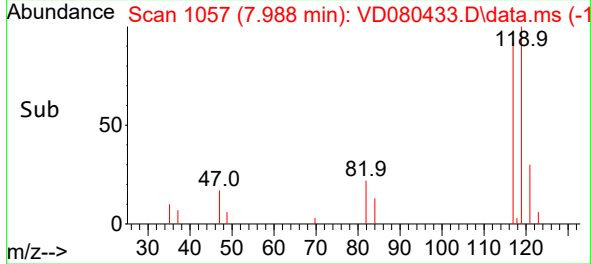
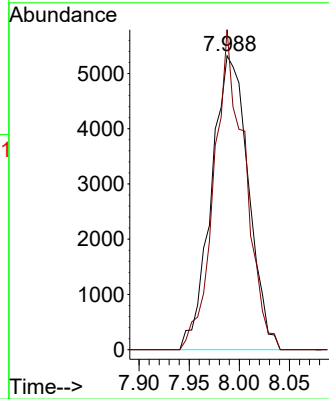
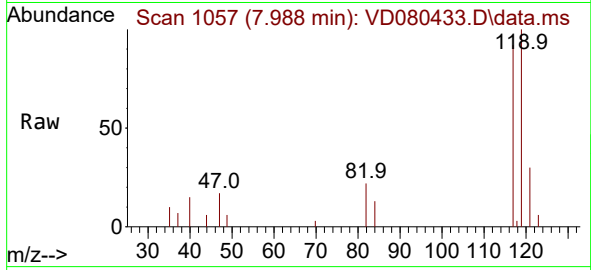




#31
Carbon tetrachloride
Concen: 2.80 ug/L
RT: 7.988 min Scan# 1101
Delta R.T. -0.000 min
Lab File: VD080433.D
Acq: 13 Jun 2025 12:07

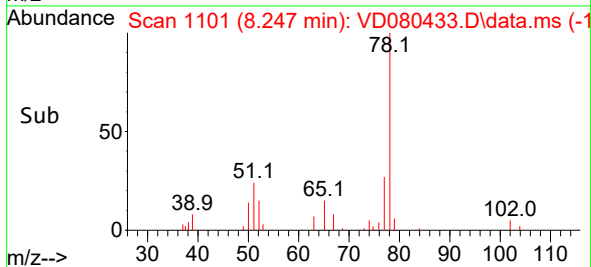
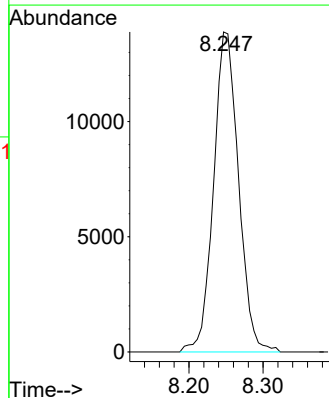
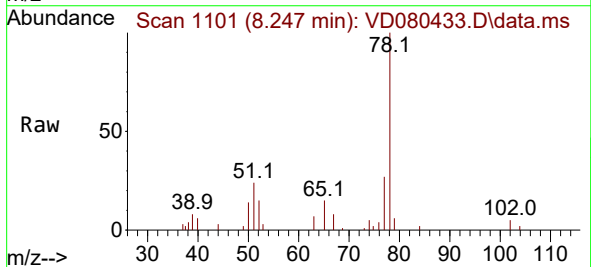
Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5876

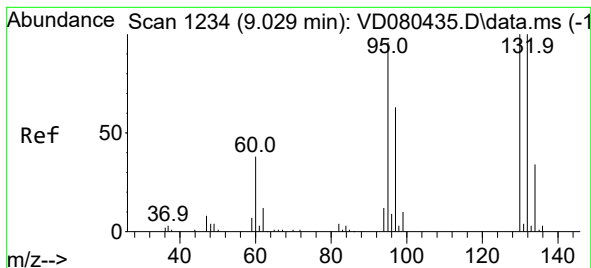
Tgt Ion:117 Resp: 13661
Ion Ratio Lower Upper
117 100
119 68.1 77.0 115.6#



#33
Benzene
Concen: 2.54 ug/L
RT: 8.247 min Scan# 1101
Delta R.T. -0.006 min
Lab File: VD080433.D
Acq: 13 Jun 2025 12:07

Tgt Ion: 78 Resp: 32514





#34

Trichloroethene

Concen: 2.71 ug/L

RT: 9.029 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD080433.D

Acq: 13 Jun 2025 12:07

Instrument :

MSVOA_D

ClientSampleId :

VSTD2.5876

Tgt Ion: 95 Resp: 9709

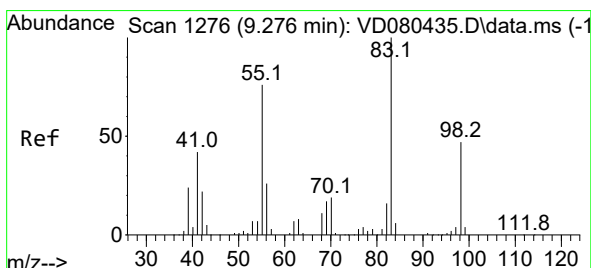
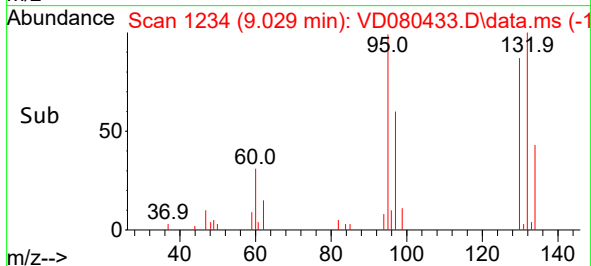
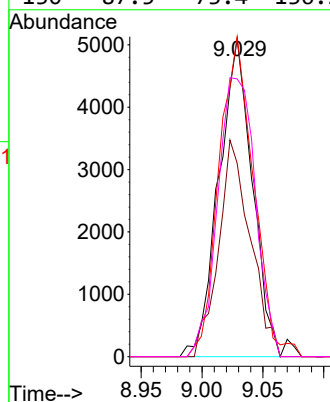
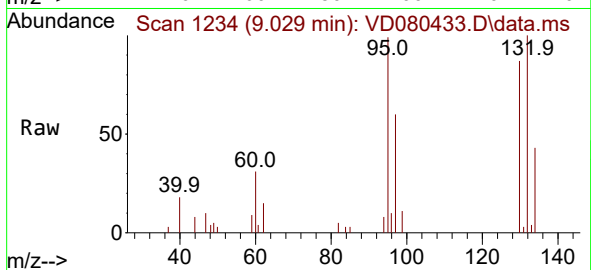
Ion Ratio Lower Upper

95 100

97 60.9 46.3 85.9

132 100.8 72.9 135.3

130 87.5 73.4 136.2



#35

Methylcyclohexane

Concen: 2.36 ug/L

RT: 9.270 min Scan# 1275

Delta R.T. -0.006 min

Lab File: VD080433.D

Acq: 13 Jun 2025 12:07

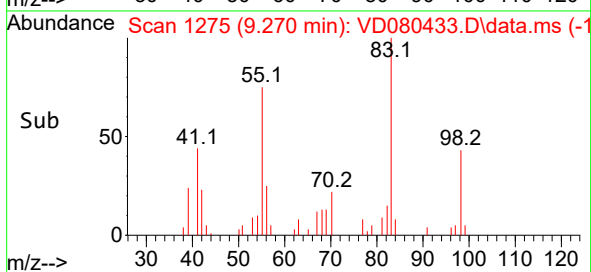
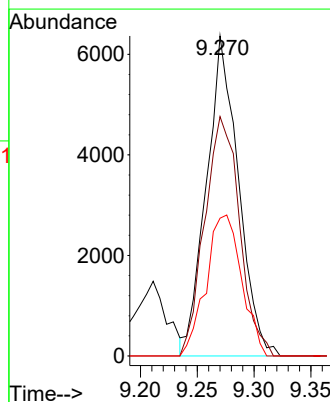
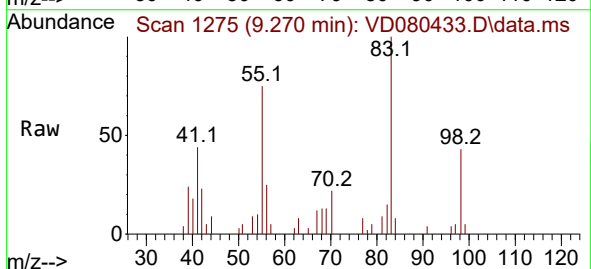
Tgt Ion: 83 Resp: 12457

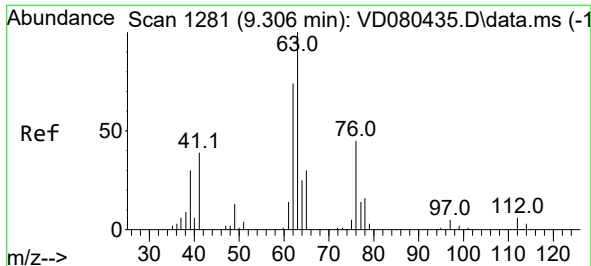
Ion Ratio Lower Upper

83 100

55 81.4 60.4 90.6

98 49.0 38.5 57.7





#37

1,2-Dichloropropane

Concen: 2.65 ug/L

RT: 9.305 min Scan# 1281

Delta R.T. -0.000 min

Lab File: VD080433.D

Acq: 13 Jun 2025 12:07

Instrument :

MSVOA_D

ClientSampleId :

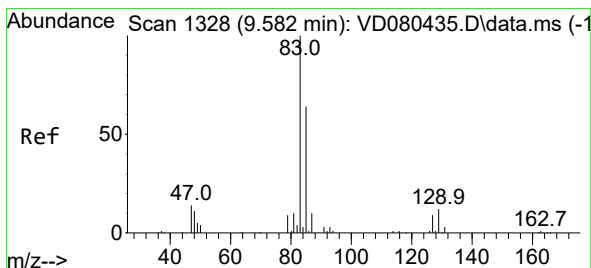
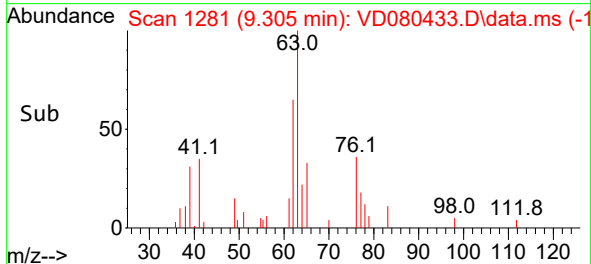
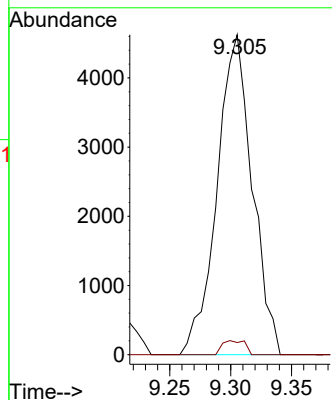
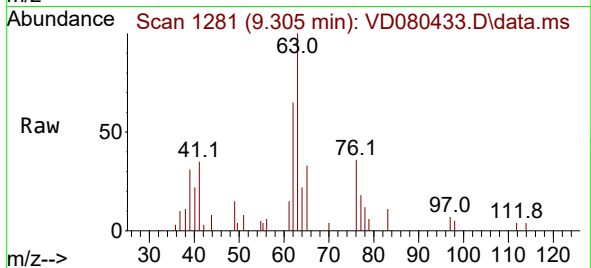
VSTD2.5876

Tgt Ion: 63 Resp: 9297

Ion Ratio Lower Upper

63 100

112 2.1 3.9 5.9#



#38

Bromodichloromethane

Concen: 2.59 ug/L

RT: 9.582 min Scan# 1328

Delta R.T. -0.000 min

Lab File: VD080433.D

Acq: 13 Jun 2025 12:07

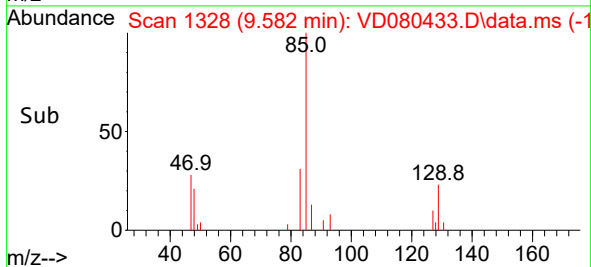
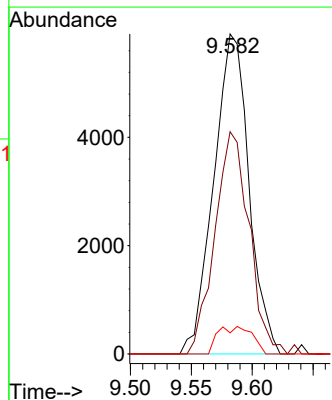
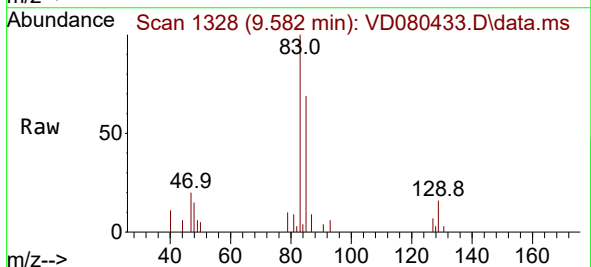
Tgt Ion: 83 Resp: 11894

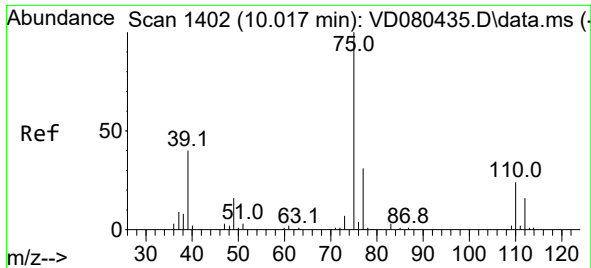
Ion Ratio Lower Upper

83 100

85 69.5 44.7 83.1

127 6.6 7.6 11.4#





#39

cis-1,3-Dichloropropene

Concen: 2.32 ug/L

RT: 10.017 min Scan# 1402

Delta R.T. -0.000 min

Lab File: VD080433.D

Acq: 13 Jun 2025 12:07

Instrument :

MSVOA_D

ClientSampleId :

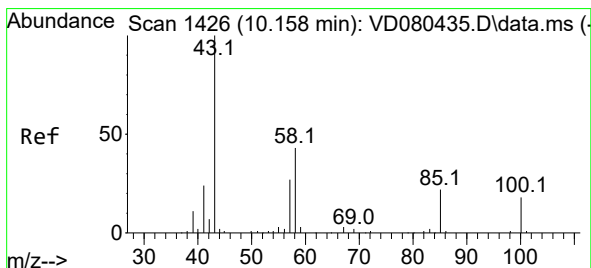
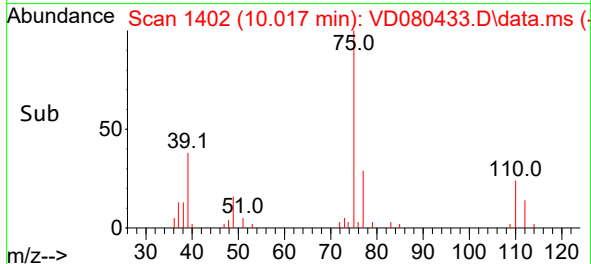
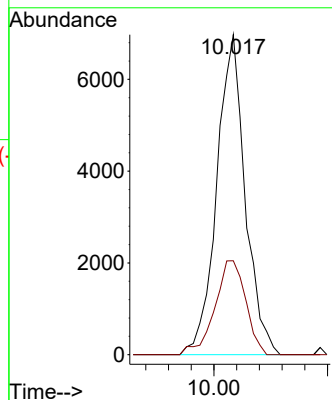
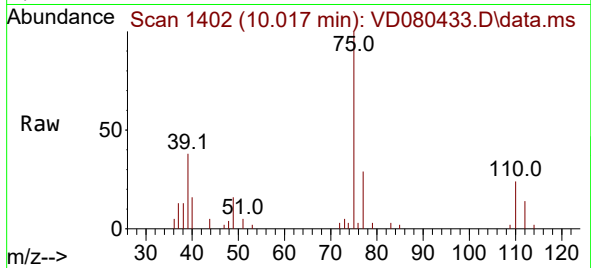
VSTD2.5876

Tgt Ion: 75 Resp: 12128

Ion Ratio Lower Upper

75 100

77 29.4 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 4.35 ug/L

RT: 10.158 min Scan# 1426

Delta R.T. -0.000 min

Lab File: VD080433.D

Acq: 13 Jun 2025 12:07

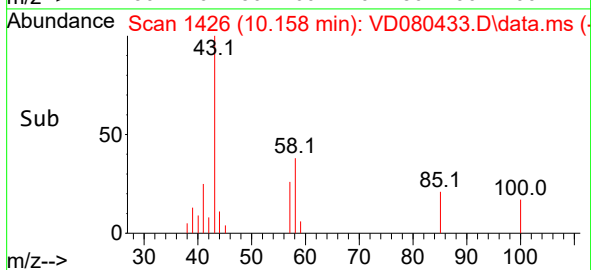
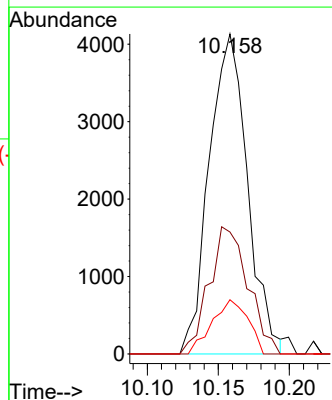
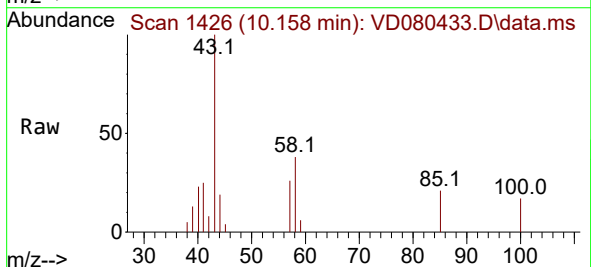
Tgt Ion: 43 Resp: 7751

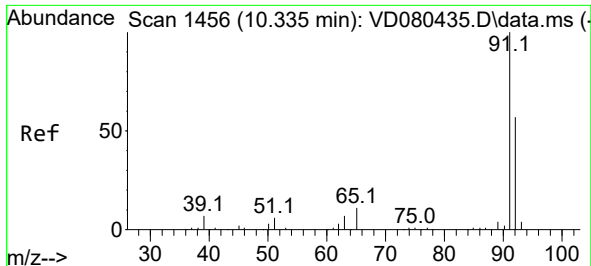
Ion Ratio Lower Upper

43 100

58 40.5 32.6 48.8

100 15.9 14.1 21.1

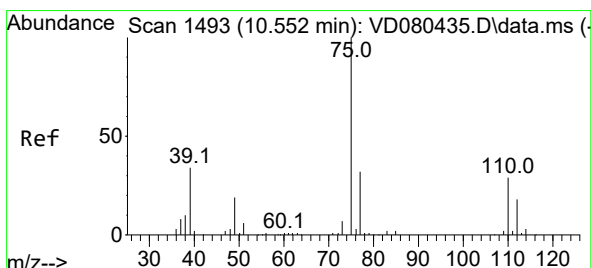
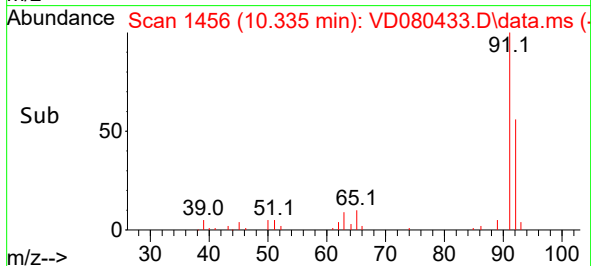
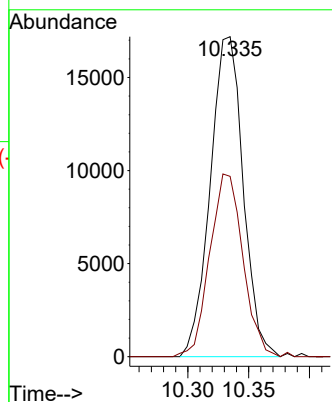
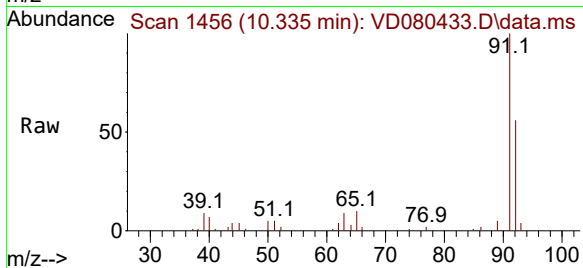




#42
Toluene
Concen: 2.30 ug/L
RT: 10.335 min Scan# 1456
Delta R.T. -0.000 min
Lab File: VD080433.D
Acq: 13 Jun 2025 12:07

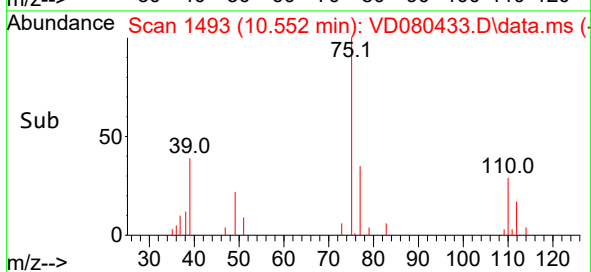
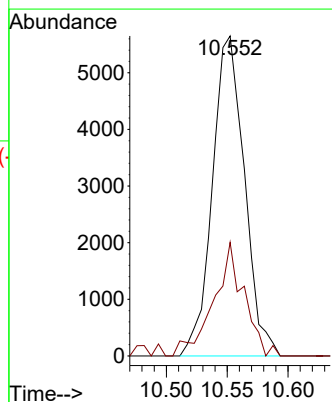
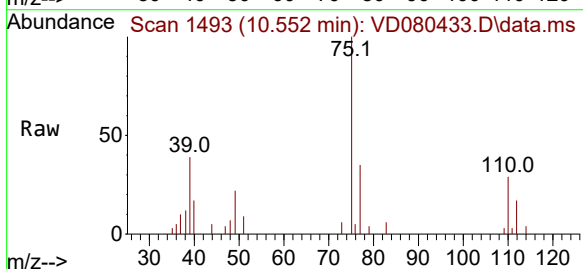
Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5876

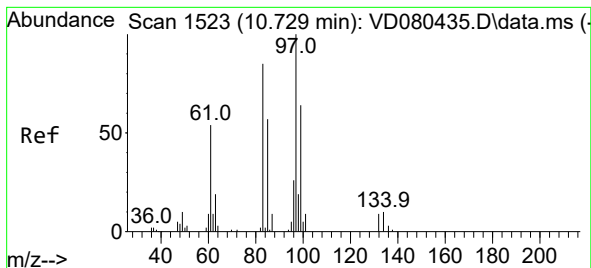
Tgt Ion: 91 Resp: 32326
Ion Ratio Lower Upper
91 100
92 56.3 39.7 73.7



#44
trans-1,3-Dichloropropene
Concen: 2.29 ug/L
RT: 10.552 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VD080433.D
Acq: 13 Jun 2025 12:07

Tgt Ion: 75 Resp: 10345
Ion Ratio Lower Upper
75 100
77 35.5 22.6 42.0





#45

1,1,2-Trichloroethane

Concen: 2.63 ug/L

RT: 10.735 min Scan# 1523

Delta R.T. 0.006 min

Lab File: VD080433.D

Acq: 13 Jun 2025 12:07

Instrument :

MSVOA_D

ClientSampleId :

VSTD2.5876

Tgt Ion: 97 Resp: 7530

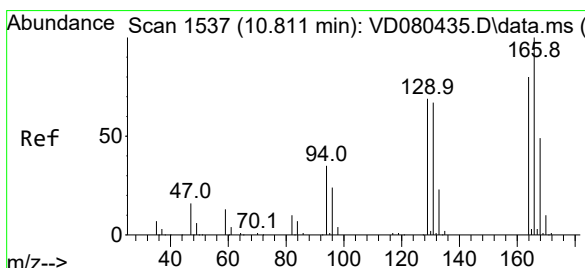
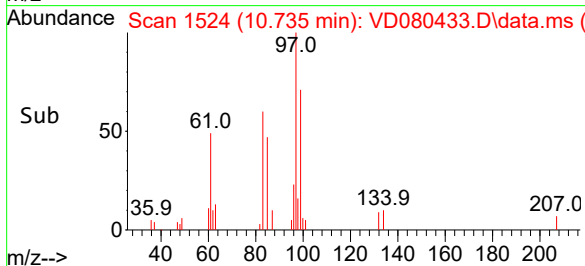
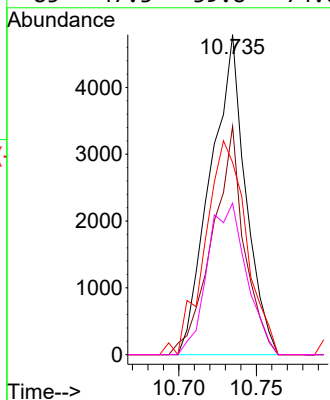
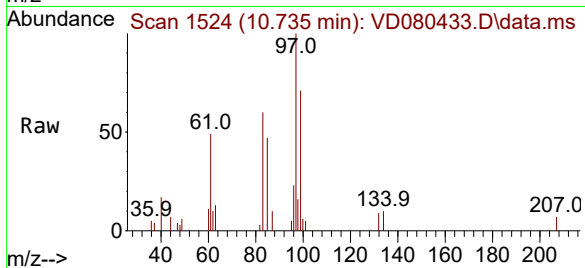
Ion Ratio Lower Upper

97 100

99 71.4 44.8 83.2

83 60.0 59.7 110.9

85 47.3 39.8 74.0



#46

Tetrachloroethene

Concen: 2.60 ug/L

RT: 10.805 min Scan# 1536

Delta R.T. -0.006 min

Lab File: VD080433.D

Acq: 13 Jun 2025 12:07

Tgt Ion:164 Resp: 8128

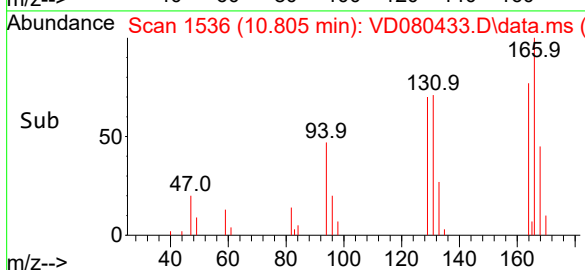
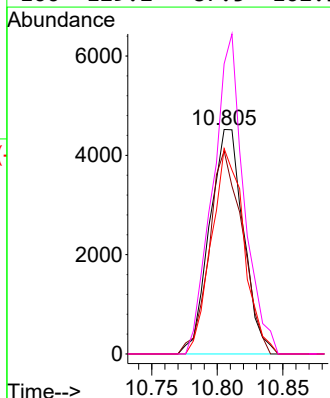
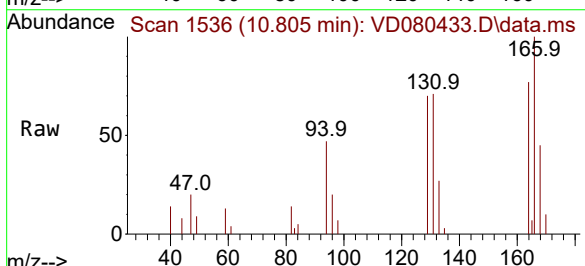
Ion Ratio Lower Upper

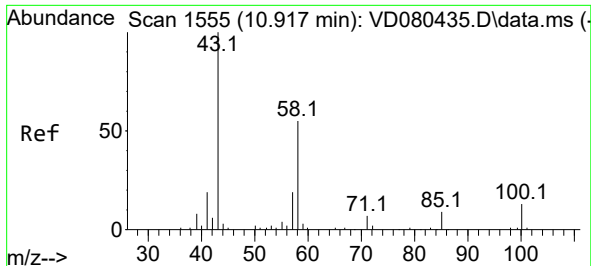
164 100

129 90.4 60.2 111.8

131 91.5 58.3 108.3

166 129.2 87.5 162.5

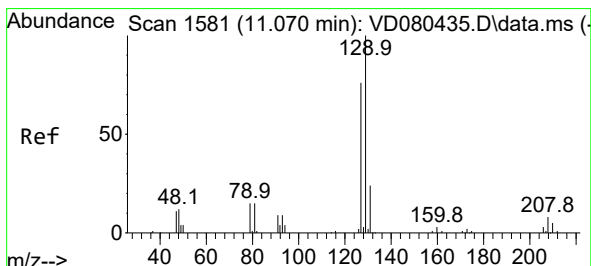
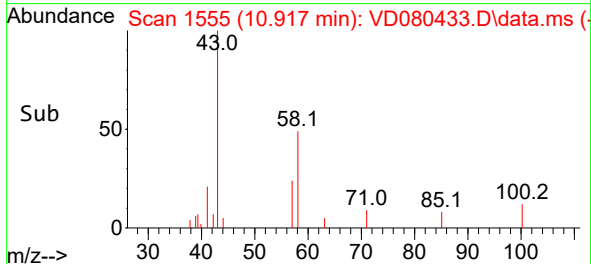
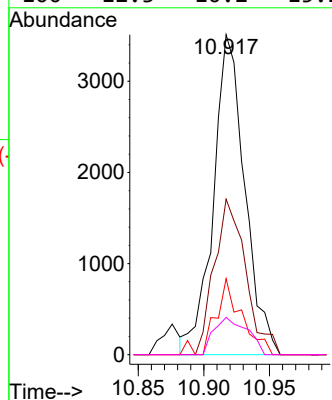
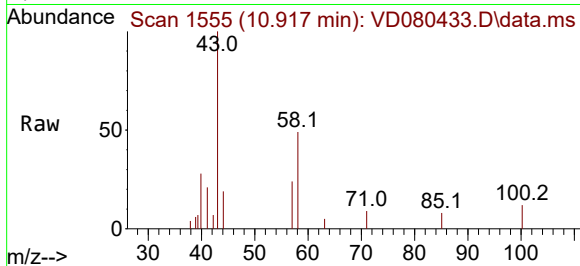




#48
2-Hexanone
Concen: 4.49 ug/L
RT: 10.917 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD080433.D
Acq: 13 Jun 2025 12:07

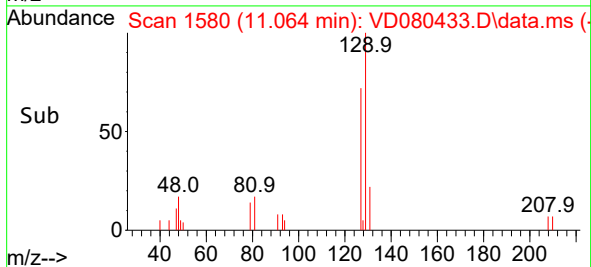
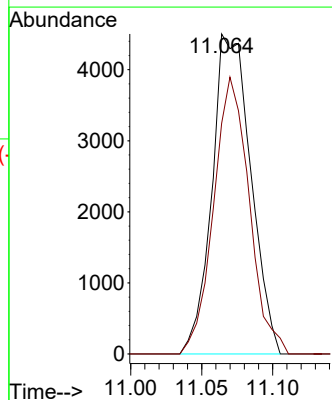
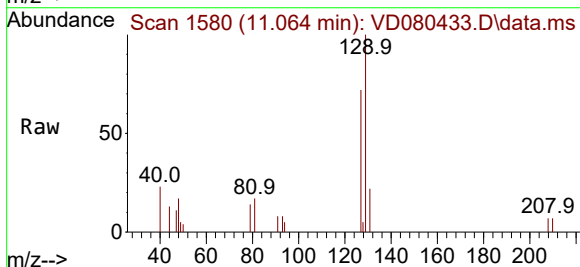
Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5876

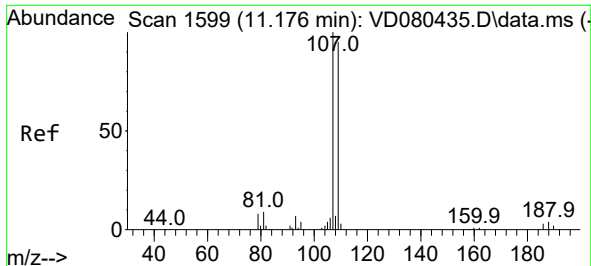
Tgt Ion:	43	Resp:	5843
Ion	Ratio	Lower	Upper
43	100		
58	47.4	43.5	65.3
57	18.1	15.4	23.0
100	12.3	10.2	15.2



#49
Dibromochloromethane
Concen: 2.51 ug/L
RT: 11.064 min Scan# 1580
Delta R.T. -0.006 min
Lab File: VD080433.D
Acq: 13 Jun 2025 12:07

Tgt Ion:	129	Resp:	8536
Ion	Ratio	Lower	Upper
129	100		
127	72.1	53.3	98.9

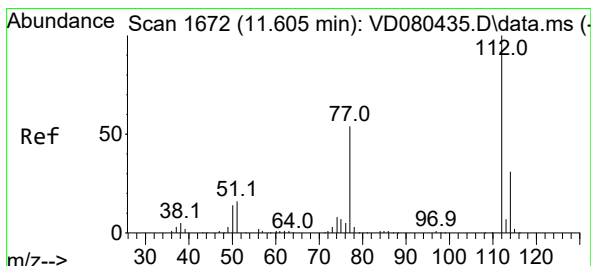
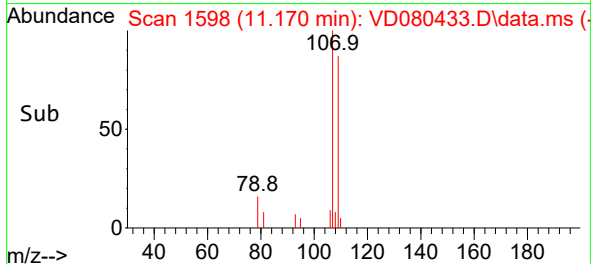
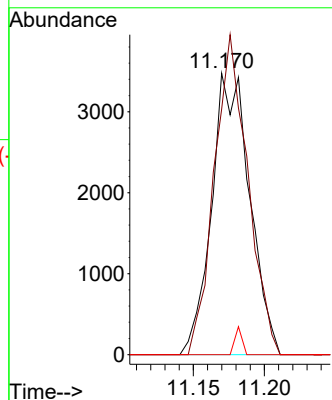
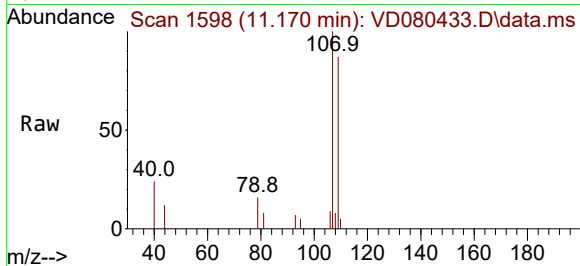




#50
1,2-Dibromoethane
Concen: 2.40 ug/L
RT: 11.170 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VD080433.D
Acq: 13 Jun 2025 12:07

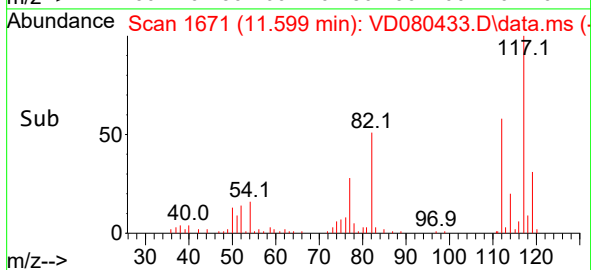
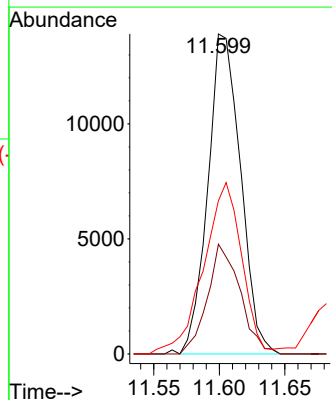
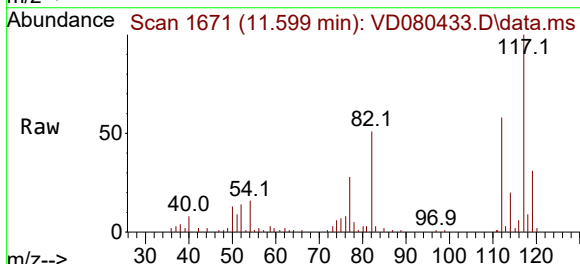
Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5876

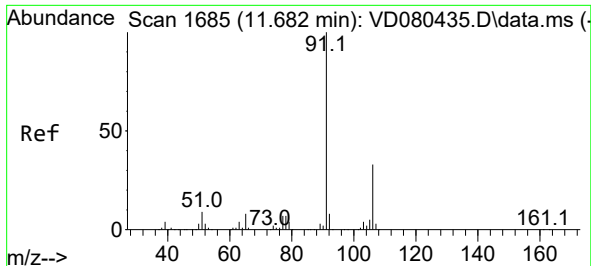
Tgt Ion:107 Resp: 6476
Ion Ratio Lower Upper
107 100
109 87.2 66.3 123.1
188 0.0 3.3 4.9#



#51
Chlorobenzene
Concen: 2.52 ug/L
RT: 11.599 min Scan# 1671
Delta R.T. -0.006 min
Lab File: VD080433.D
Acq: 13 Jun 2025 12:07

Tgt Ion:112 Resp: 24141
Ion Ratio Lower Upper
112 100
114 34.3 21.9 40.7
77 47.9 43.4 65.2

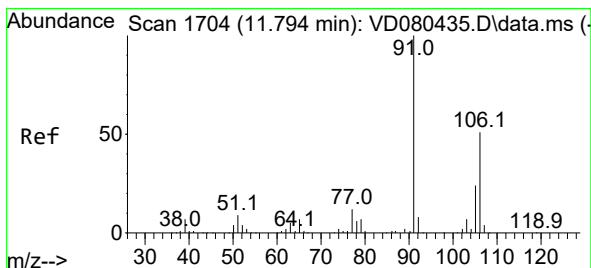
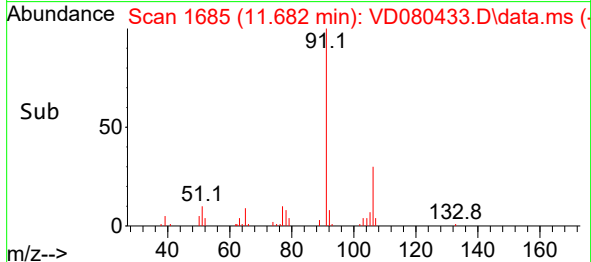
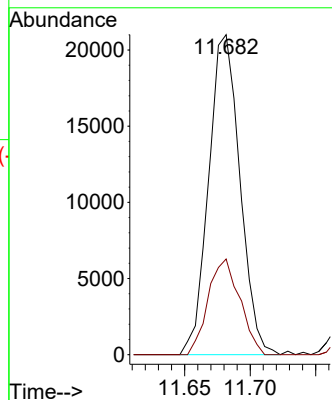
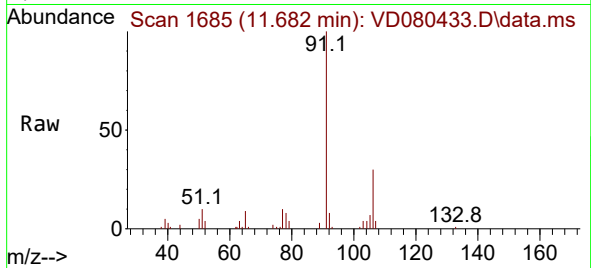




#52
Ethylbenzene
Concen: 2.31 ug/L
RT: 11.682 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VD080433.D
Acq: 13 Jun 2025 12:07

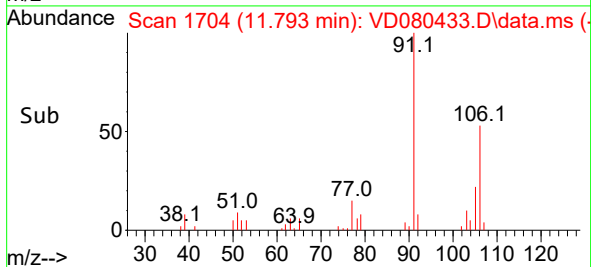
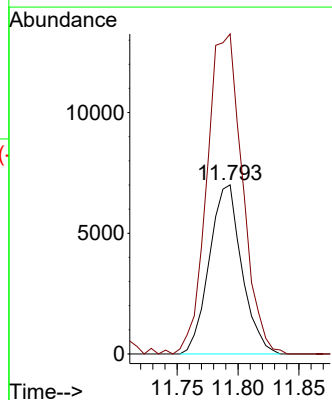
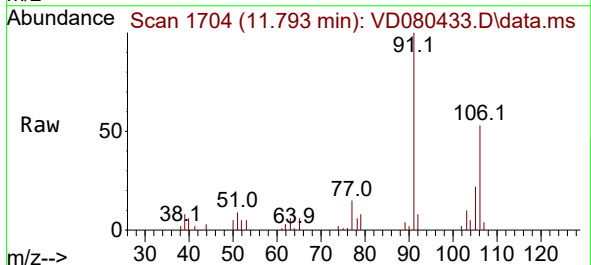
Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5876

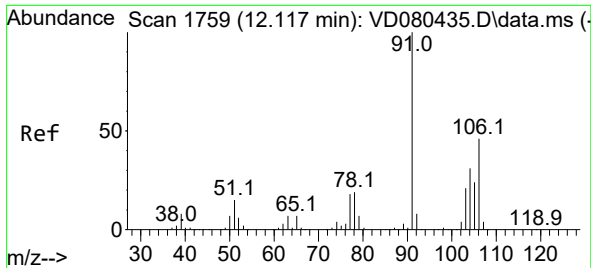
Tgt Ion: 91 Resp: 34886
Ion Ratio Lower Upper
91 100
106 29.9 23.0 42.6



#53
m,p-Xylene
Concen: 2.22 ug/L
RT: 11.793 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD080433.D
Acq: 13 Jun 2025 12:07

Tgt Ion: 106 Resp: 12978
Ion Ratio Lower Upper
106 100
91 189.2 136.8 254.2

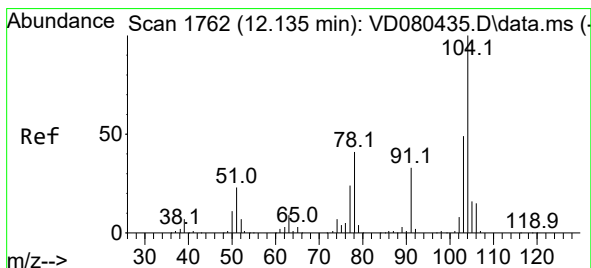
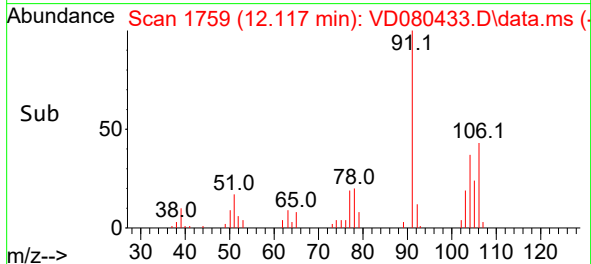
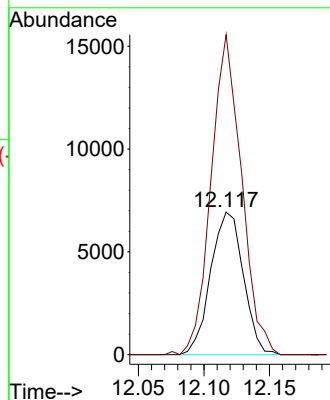
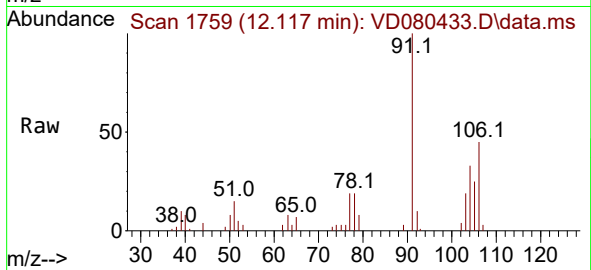




#54
o-Xylene
Concen: 2.15 ug/L
RT: 12.117 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VD080433.D
Acq: 13 Jun 2025 12:07

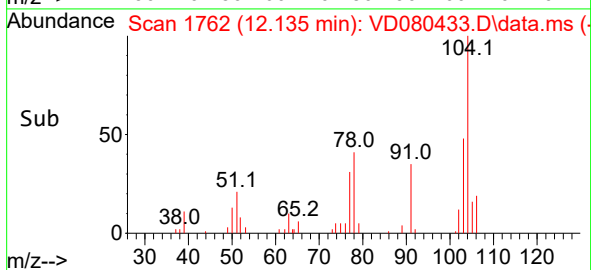
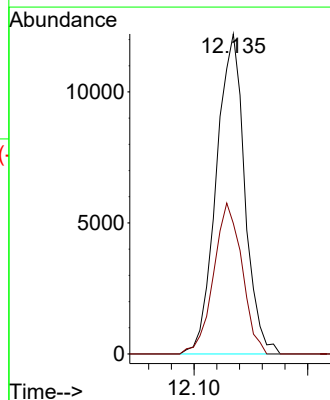
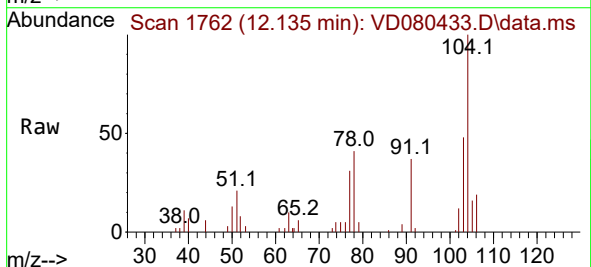
Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5876

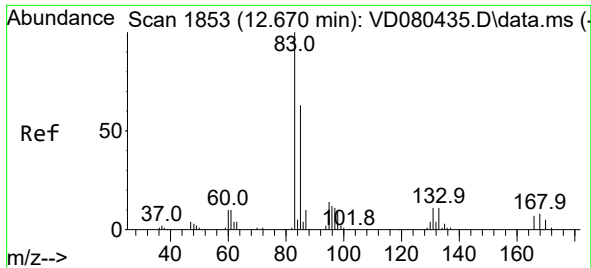
Tgt Ion:106 Resp: 12023
Ion Ratio Lower Upper
106 100
91 224.3 150.8 280.0



#55
Styrene
Concen: 2.12 ug/L
RT: 12.135 min Scan# 1762
Delta R.T. -0.000 min
Lab File: VD080433.D
Acq: 13 Jun 2025 12:07

Tgt Ion:104 Resp: 21208
Ion Ratio Lower Upper
104 100
78 40.8 28.7 53.3

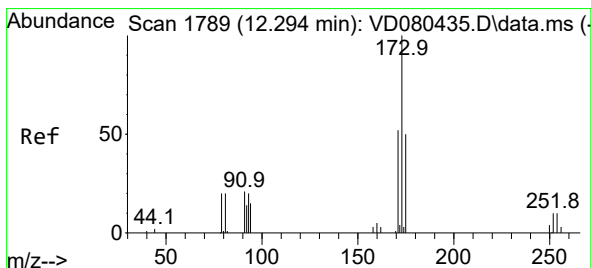
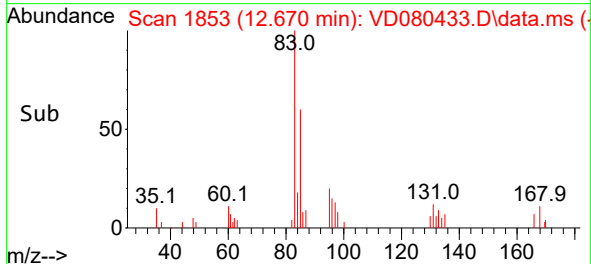
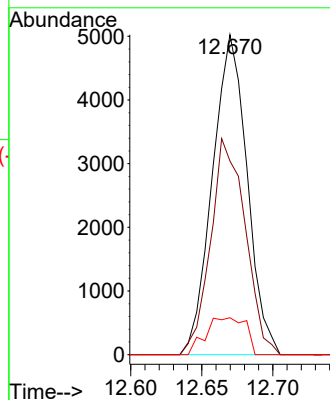
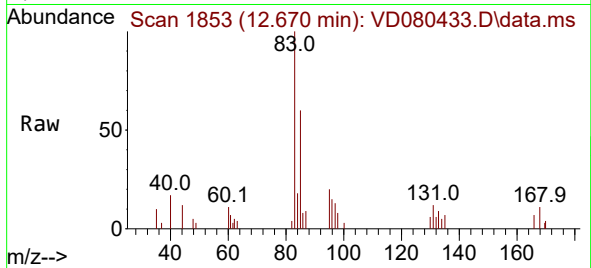




#57
 1,1,2,2-Tetrachloroethane
 Concen: 2.57 ug/L
 RT: 12.670 min Scan# 1853
 Delta R.T. -0.000 min
 Lab File: VD080433.D
 Acq: 13 Jun 2025 12:07

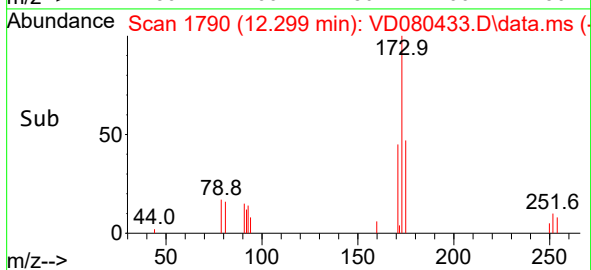
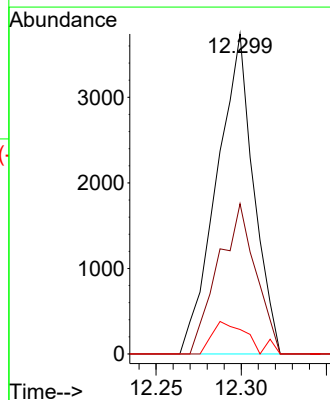
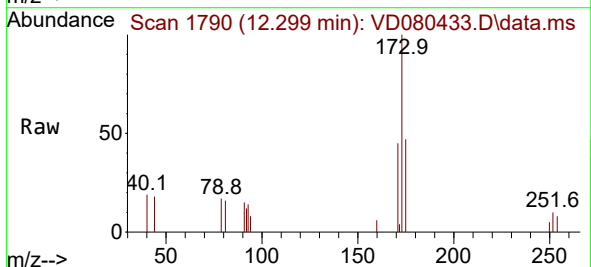
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD2.5876

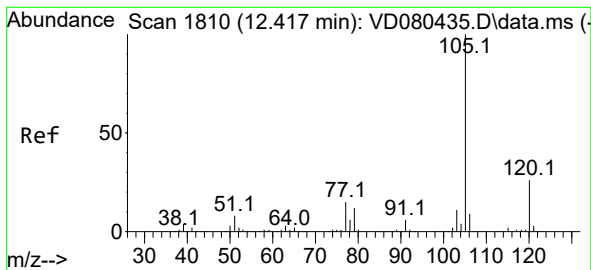
Tgt Ion: 83 Resp: 8538
 Ion Ratio Lower Upper
 83 100
 85 60.5 44.0 81.8
 131 11.6 8.9 13.3



#59
 Bromoform
 Concen: 2.63 ug/L
 RT: 12.299 min Scan# 1790
 Delta R.T. 0.006 min
 Lab File: VD080433.D
 Acq: 13 Jun 2025 12:07

Tgt Ion: 173 Resp: 5624
 Ion Ratio Lower Upper
 173 100
 175 48.0 39.7 59.5
 254 8.9 9.5 14.3





#60

Isopropylbenzene

Concen: 2.38 ug/L

RT: 12.417 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VD080433.D

Acq: 13 Jun 2025 12:07

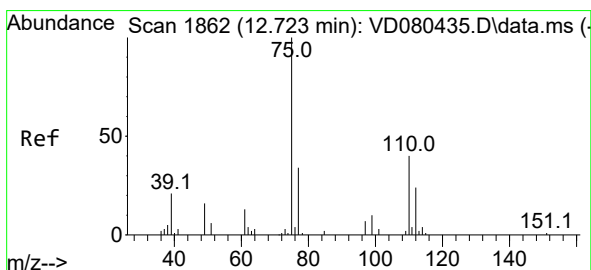
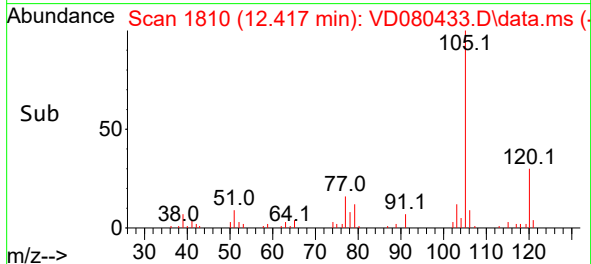
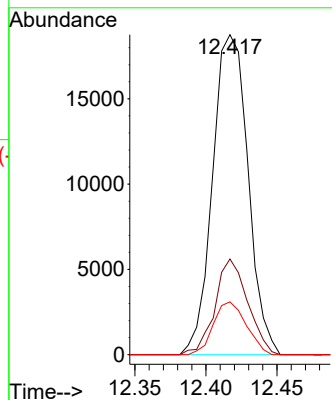
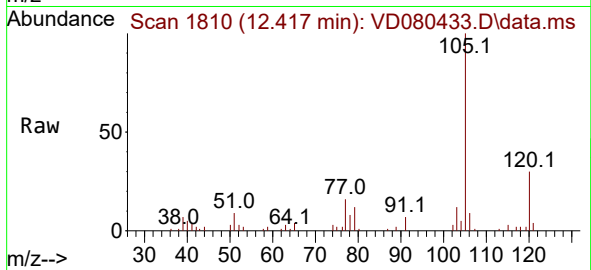
Instrument :

MSVOA_D

ClientSampleId :

VSTD2.5876

Tgt Ion:	105	Resp:	32572
Ion Ratio	Lower	Upper	
105	100		
120	27.6	21.4	32.0
77	15.3	11.8	17.8



#61

1,2,3-Trichloropropane

Concen: 2.89 ug/L

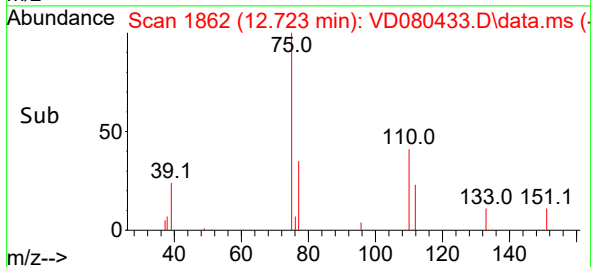
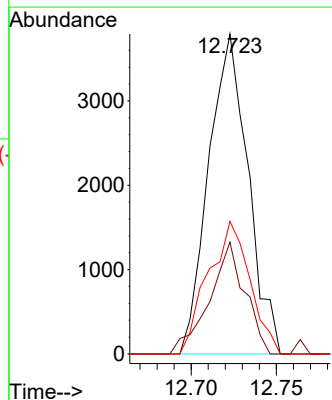
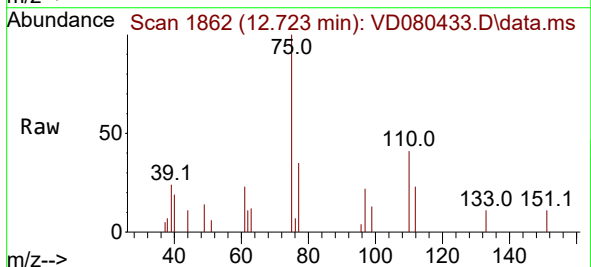
RT: 12.723 min Scan# 1862

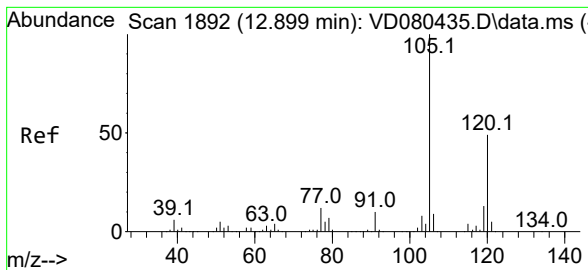
Delta R.T. -0.000 min

Lab File: VD080433.D

Acq: 13 Jun 2025 12:07

Tgt Ion:	75	Resp:	6111
Ion Ratio	Lower	Upper	
75	100		
77	31.5	25.9	38.9
110	43.7	31.4	47.0

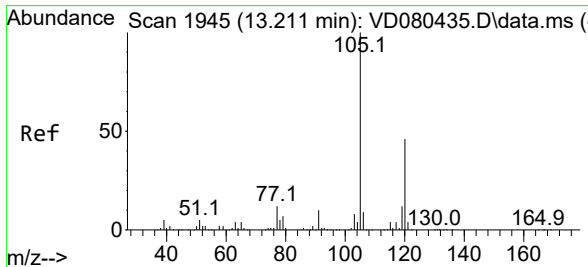
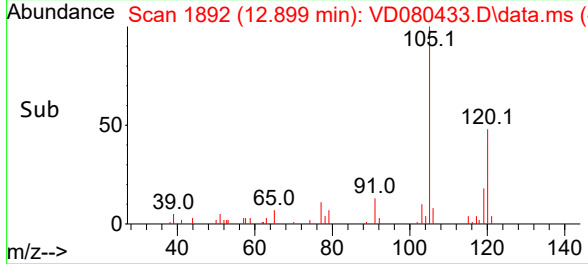
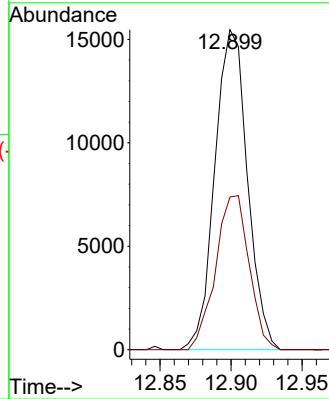
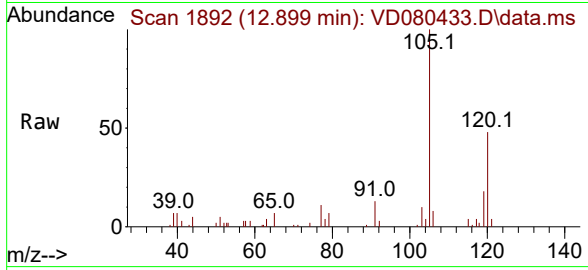




#62
 1,3,5-Trimethylbenzene
 Concen: 2.31 ug/L
 RT: 12.899 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VD080433.D
 Acq: 13 Jun 2025 12:07

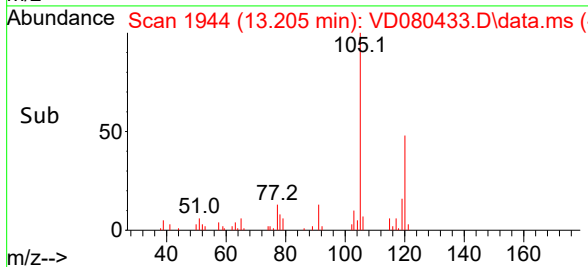
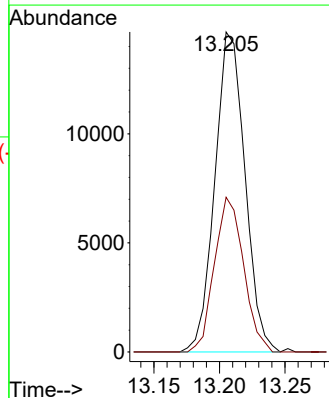
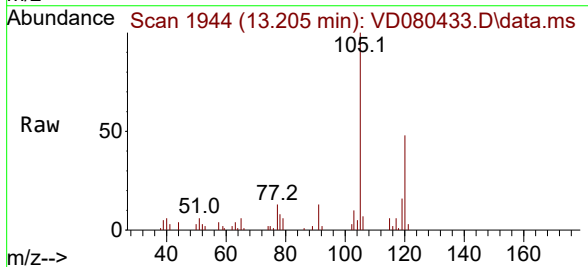
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD2.5876

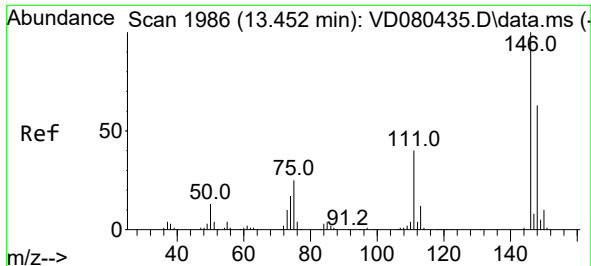
Tgt Ion:105 Resp: 24705
 Ion Ratio Lower Upper
 105 100
 120 49.5 39.8 59.6



#63
 1,2,4-Trimethylbenzene
 Concen: 2.20 ug/L
 RT: 13.205 min Scan# 1944
 Delta R.T. -0.006 min
 Lab File: VD080433.D
 Acq: 13 Jun 2025 12:07

Tgt Ion:105 Resp: 23374
 Ion Ratio Lower Upper
 105 100
 120 46.9 37.3 55.9

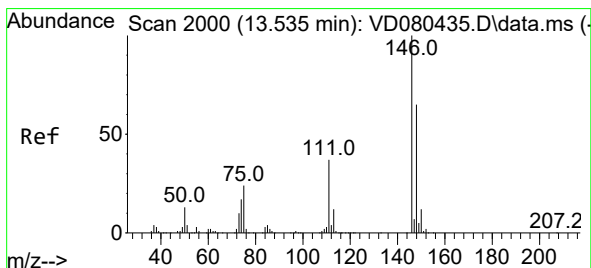
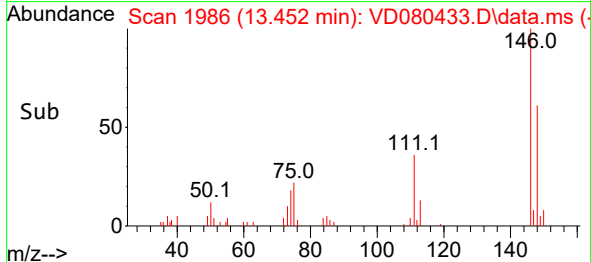
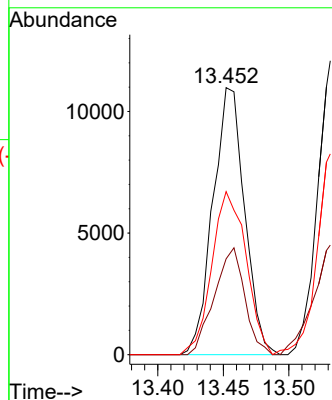
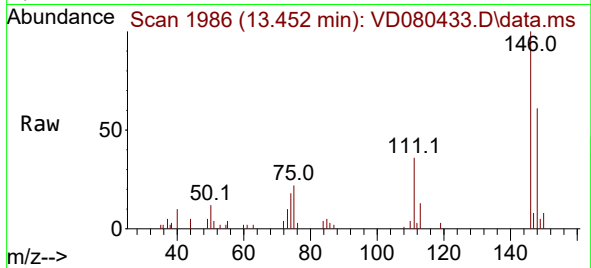




#64
1,3-Dichlorobenzene
Concen: 2.60 ug/L
RT: 13.452 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VD080433.D
Acq: 13 Jun 2025 12:07

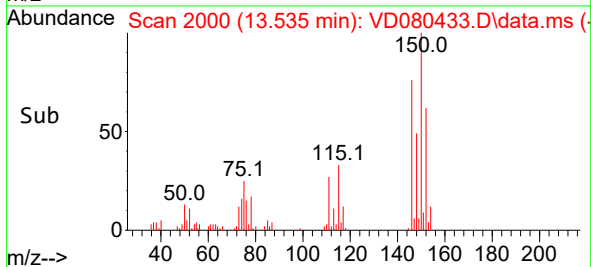
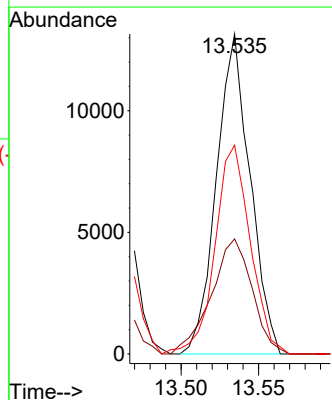
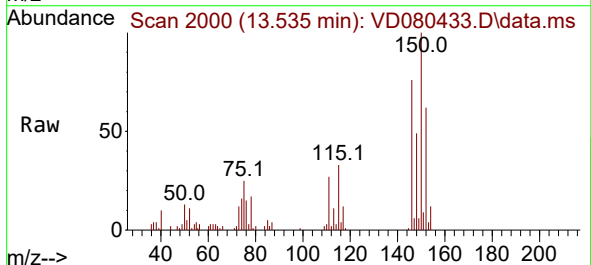
Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5876

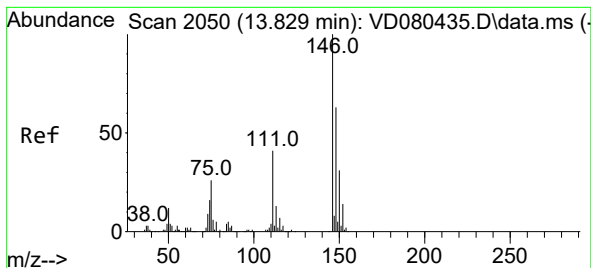
Tgt Ion:146 Resp: 18465
Ion Ratio Lower Upper
146 100
111 35.9 28.1 52.3
148 61.0 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 2.69 ug/L
RT: 13.535 min Scan# 2000
Delta R.T. -0.000 min
Lab File: VD080433.D
Acq: 13 Jun 2025 12:07

Tgt Ion:146 Resp: 19836
Ion Ratio Lower Upper
146 100
111 36.0 26.0 48.4
148 65.3 45.4 84.2





#67

1,2-Dichlorobenzene

Concen: 2.65 ug/L

RT: 13.829 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VD080433.D

Acq: 13 Jun 2025 12:07

Instrument :

MSVOA_D

ClientSampleId :

VSTD2.5876

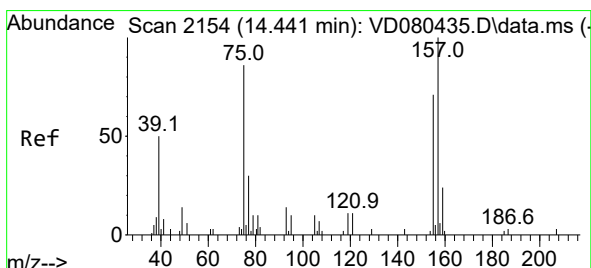
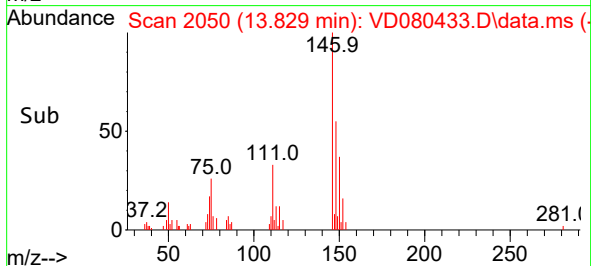
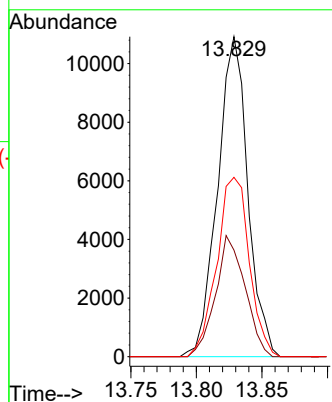
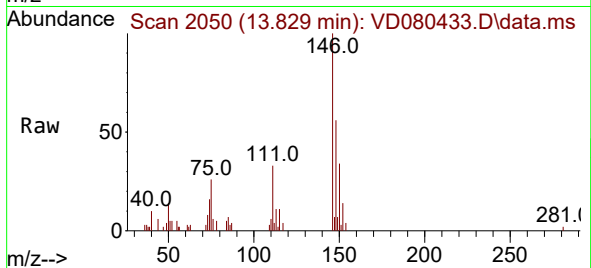
Tgt Ion:146 Resp: 17501

Ion Ratio Lower Upper

146 100

111 33.3 32.9 49.3

148 56.0 50.3 75.5



#68

1,2-Dibromo-3-chloropropane

Concen: 2.87 ug/L

RT: 14.440 min Scan# 2154

Delta R.T. -0.000 min

Lab File: VD080433.D

Acq: 13 Jun 2025 12:07

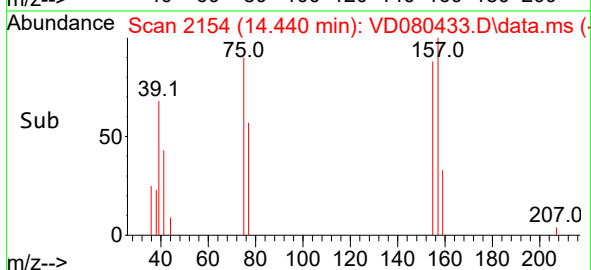
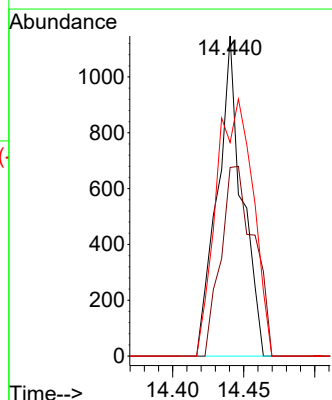
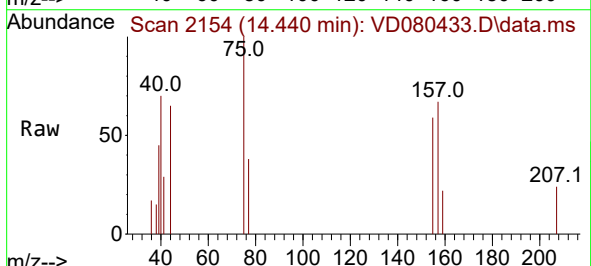
Tgt Ion: 75 Resp: 1382

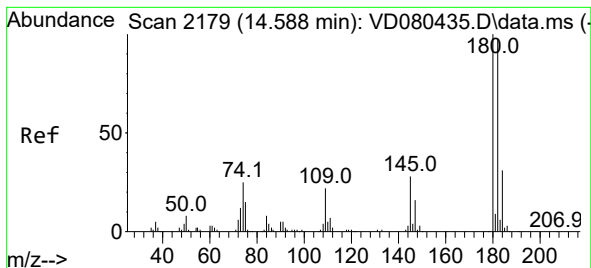
Ion Ratio Lower Upper

75 100

155 58.9 66.9 100.3#

157 66.7 93.5 140.3#





#69

1,3,5-Trichlorobenzene

Concen: 2.70 ug/L

RT: 14.593 min Scan# 2179

Delta R.T. 0.006 min

Lab File: VD080433.D

Acq: 13 Jun 2025 12:07

Instrument :

MSVOA_D

ClientSampleId :

VSTD2.5876

Tgt Ion:180 Resp: 13205

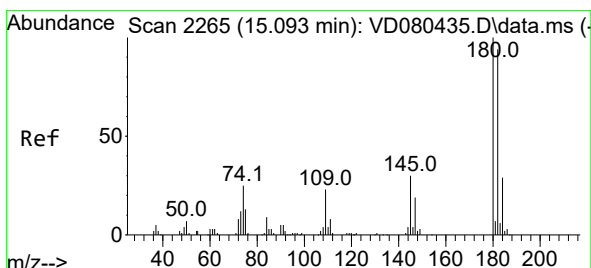
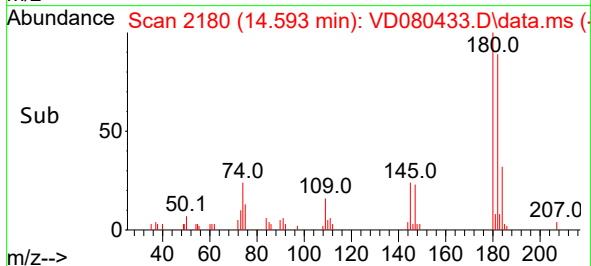
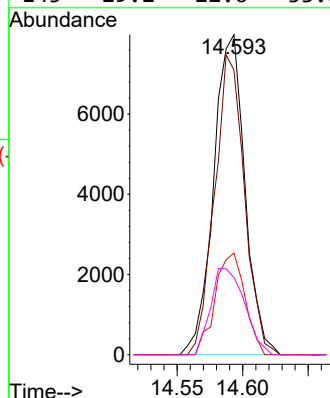
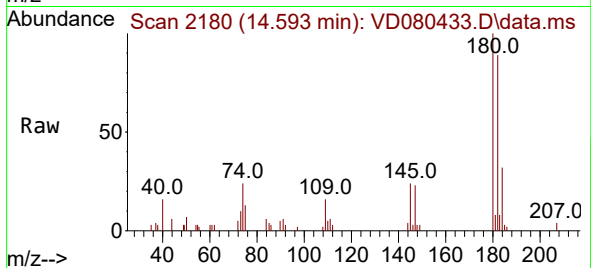
Ion Ratio Lower Upper

180 100

182 89.3 76.3 114.5

184 30.2 25.1 37.7

145 29.2 22.6 33.8



#70

1,2,4-trichlorobenzene

Concen: 2.63 ug/L

RT: 15.093 min Scan# 2265

Delta R.T. -0.000 min

Lab File: VD080433.D

Acq: 13 Jun 2025 12:07

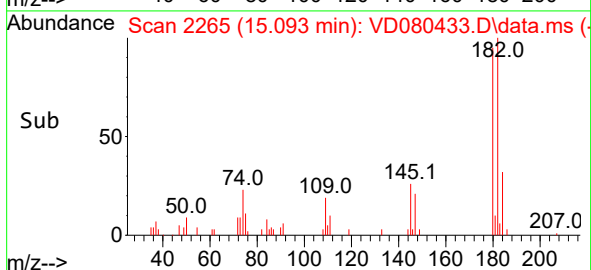
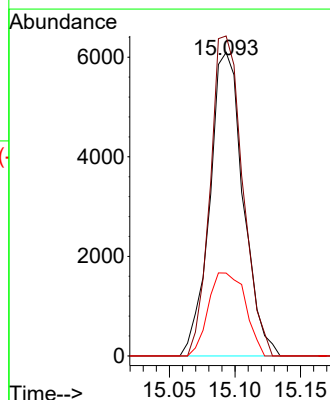
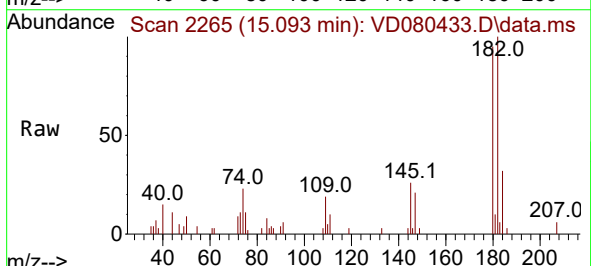
Tgt Ion:180 Resp: 10809

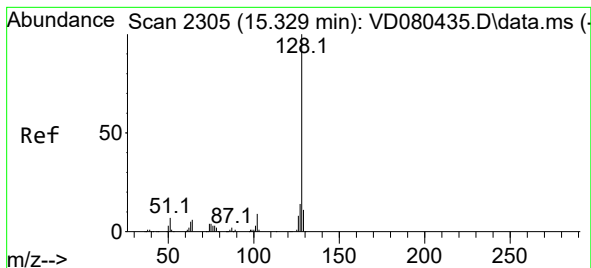
Ion Ratio Lower Upper

180 100

182 102.3 75.0 112.6

145 30.2 22.9 34.3





#71

Naphthalene

Concen: 2.37 ug/L

RT: 15.329 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD080433.D

Acq: 13 Jun 2025 12:07

Instrument :

MSVOA_D

ClientSampleId :

VSTD2.5876

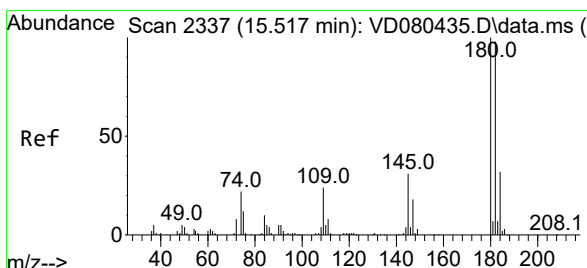
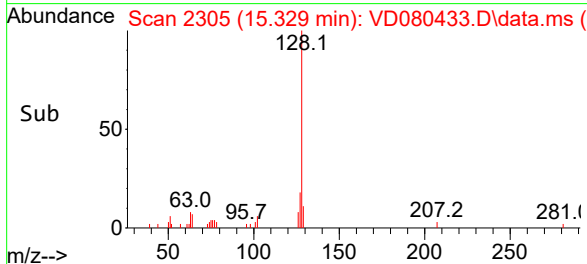
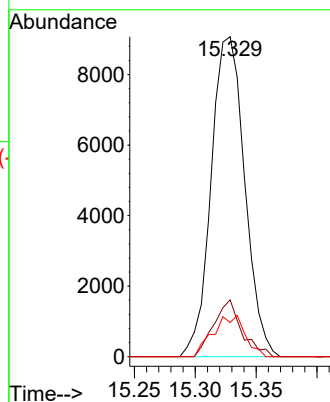
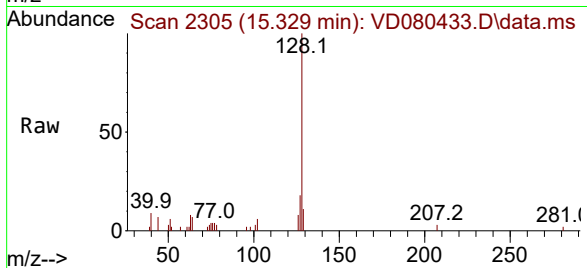
Tgt Ion:128 Resp: 17383

Ion Ratio Lower Upper

128 100

127 14.9 11.3 16.9

129 12.3 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 2.60 ug/L

RT: 15.517 min Scan# 2337

Delta R.T. -0.000 min

Lab File: VD080433.D

Acq: 13 Jun 2025 12:07

Tgt Ion:180 Resp: 9883

Ion Ratio Lower Upper

180 100

182 96.8 77.0 115.6

145 31.9 25.2 37.8

