

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD090425\
 Data File : VD080506.D
 Acq On : 04 Sep 2025 10:10
 Operator : RP/MD
 Sample : VD0904SBL01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 05 03:42:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082725S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 28 03:02:37 2025
 Response via : Initial Calibration

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

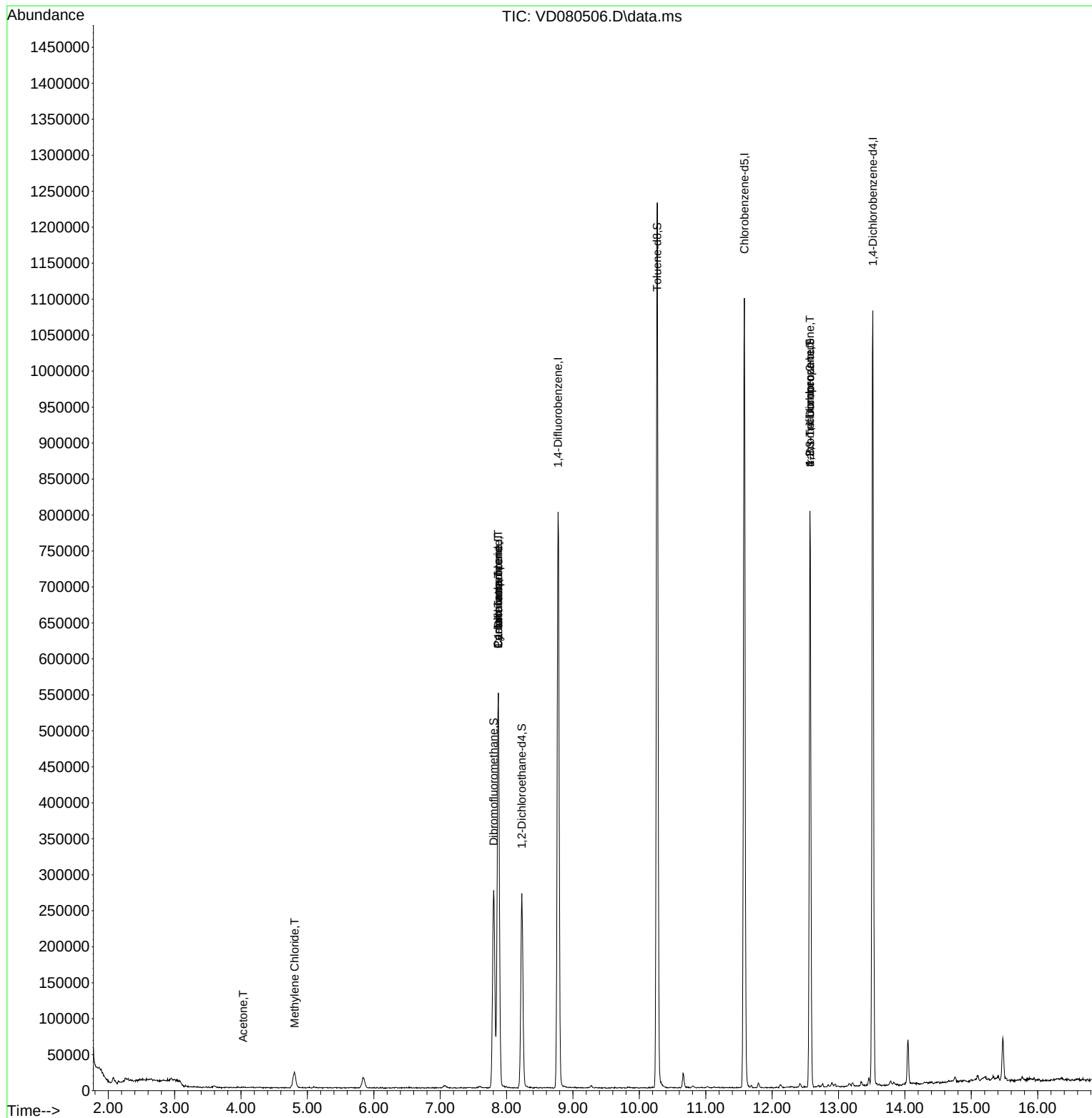
Internal Standards						
1) Pentafluorobenzene	7.876	168	428980	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	740532	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	637535	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	295470	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	206069	42.578	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.160%
35) Dibromofluoromethane	7.805	113	209807	46.649	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.300%
50) Toluene-d8	10.270	98	861721	48.319	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.640%
62) 4-Bromofluorobenzene	12.570	95	265973	47.301	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.600%
Target Compounds						
					Qvalue	
16) Acetone	4.029	43	1240	1.094	ug/l #	77
20) Methylene Chloride	4.805	84	16192	2.601	ug/l #	78
31) Cyclohexane	7.876	56	9721	1.072	ug/l #	1
36) 1,1-Dichloropropene	7.876	75	33997	5.239	ug/l #	48
38) Carbon Tetrachloride	7.876	117	41533	6.725	ug/l #	13
76) 1,2,3-Trichloropropane	12.570	75	132026	54.749	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.570	75	132026	83.096	ug/l #	19

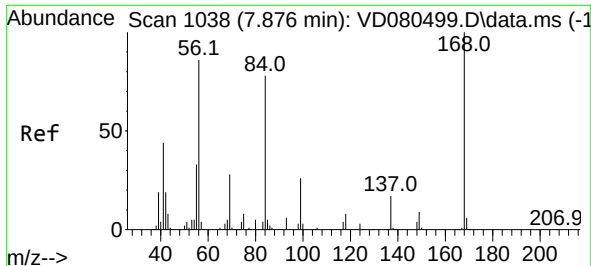
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD090425\
Data File : VD080506.D
Acq On : 04 Sep 2025 10:10
Operator : RP/MD
Sample : VD0904SBL01
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Sep 05 03:42:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082725S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 28 03:02:37 2025
Response via : Initial Calibration

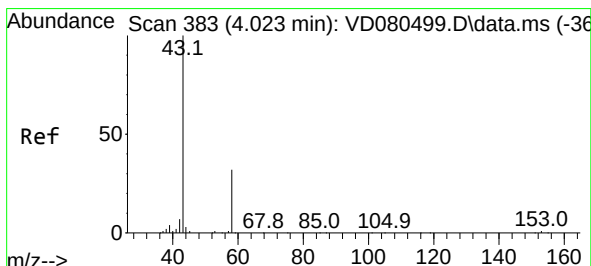
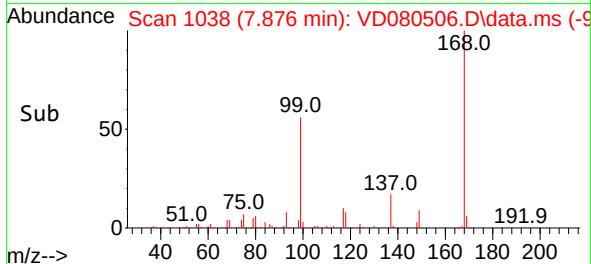
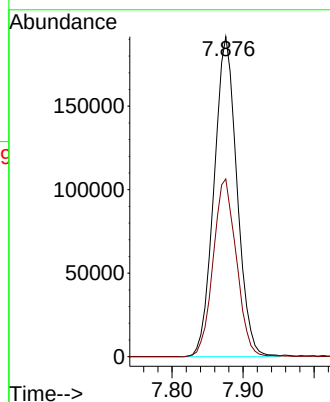
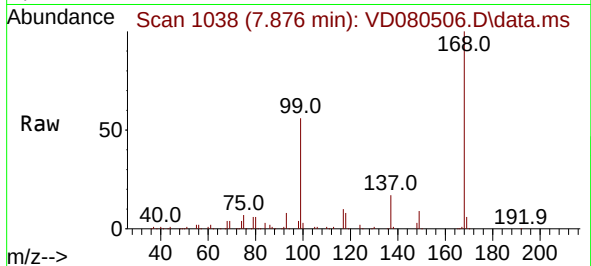




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VD080506.D
Acq: 04 Sep 2025 10:10

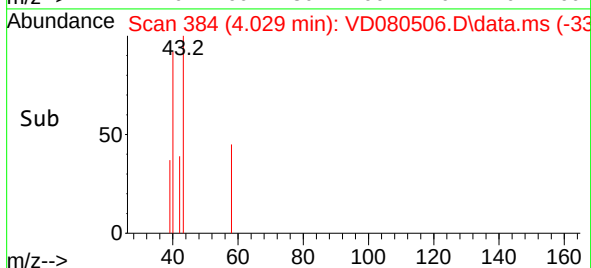
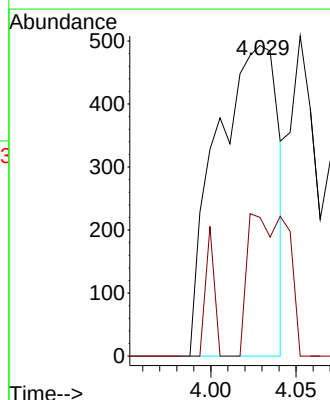
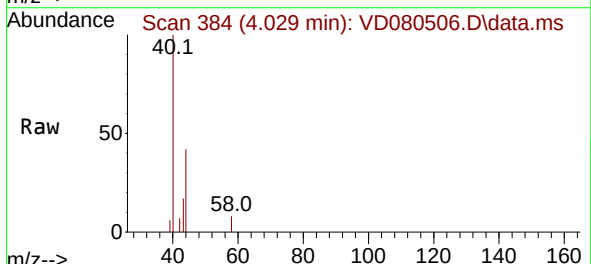
Instrument :
MSVOA_D
ClientSampleId :

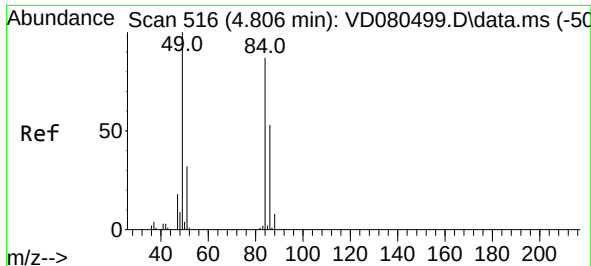
Tgt Ion:168 Resp: 428980
Ion Ratio Lower Upper
168 100
99 55.5 44.1 66.1



#16
Acetone
Concen: 1.094 ug/l
RT: 4.029 min Scan# 384
Delta R.T. 0.005 min
Lab File: VD080506.D
Acq: 04 Sep 2025 10:10

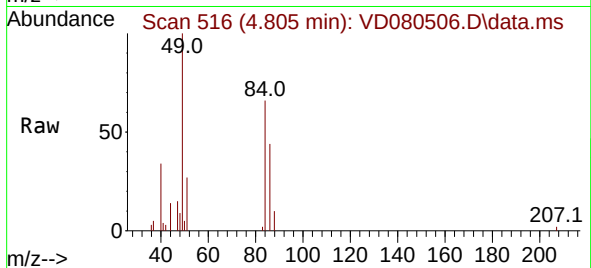
Tgt Ion: 43 Resp: 1240
Ion Ratio Lower Upper
43 100
58 44.6 25.4 38.0#



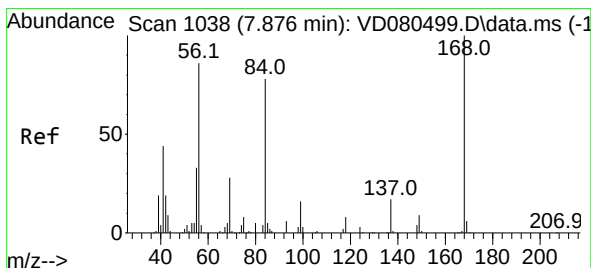
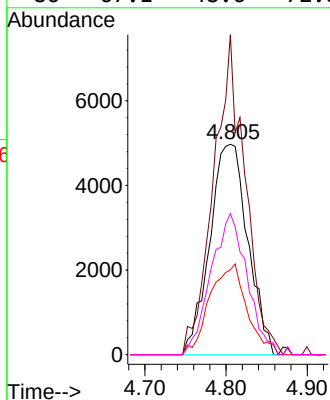
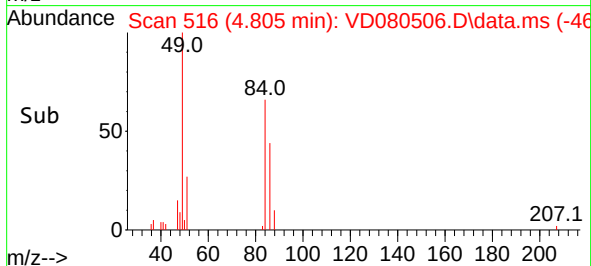


#20
Methylene Chloride
Concen: 2.601 ug/l
RT: 4.805 min Scan# 516
Delta R.T. -0.000 min
Lab File: VD080506.D
Acq: 04 Sep 2025 10:10

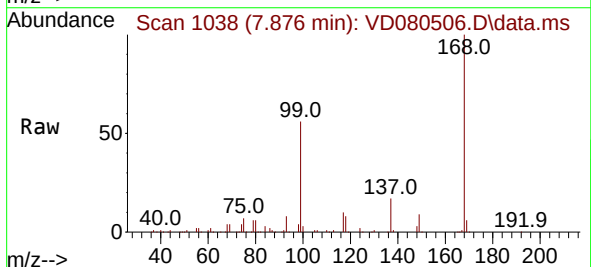
Instrument :
MSVOA_D
ClientSampleId :



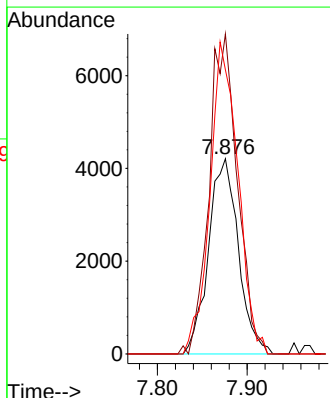
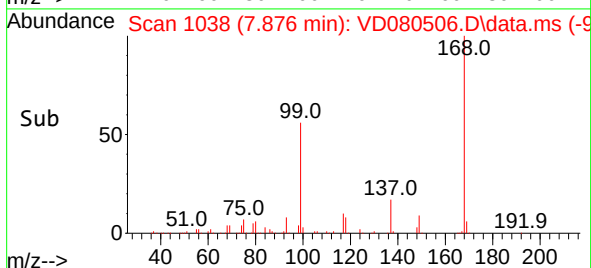
Tgt Ion:	84	Resp:	16192
Ion	Ratio	Lower	Upper
84	100		
49	152.1	91.8	137.6#
51	40.3	29.0	43.4
86	67.1	48.6	72.8

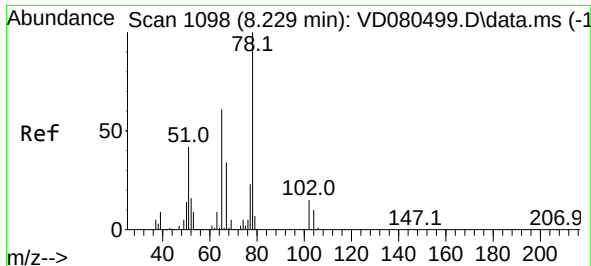


#31
Cyclohexane
Concen: 1.072 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VD080506.D
Acq: 04 Sep 2025 10:10



Tgt Ion:	56	Resp:	9721
Ion	Ratio	Lower	Upper
56	100		
69	164.0	26.0	39.0#
84	145.6	72.6	108.8#





#33

1,2-Dichloroethane-d4

Concen: 42.578 ug/l

RT: 8.229 min Scan# 1109

Delta R.T. -0.000 min

Lab File: VD080506.D

Acq: 04 Sep 2025 10:10

Instrument :

MSVOA_D

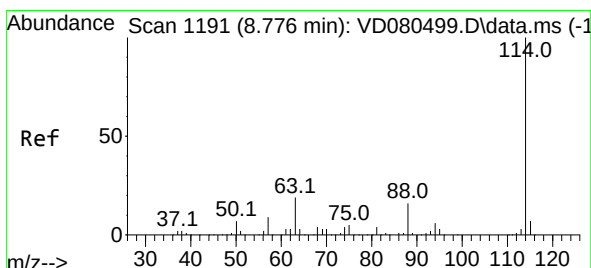
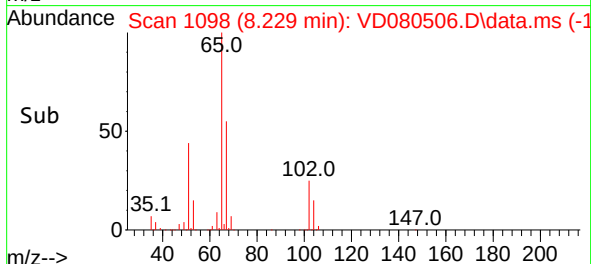
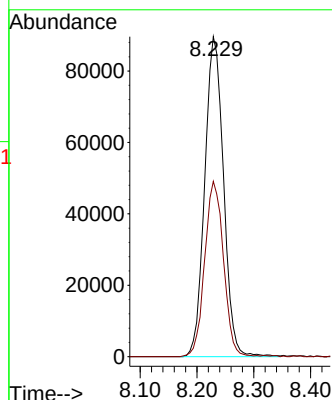
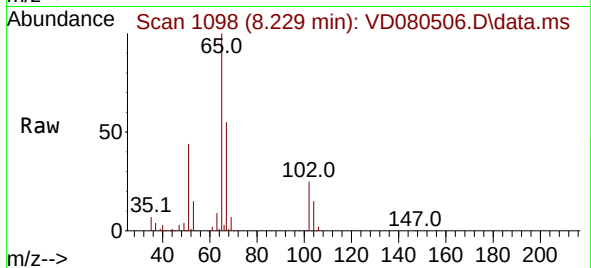
ClientSampleId :

Tgt Ion: 65 Resp: 206069

Ion Ratio Lower Upper

65 100

67 54.7 0.0 113.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.776 min Scan# 1191

Delta R.T. -0.000 min

Lab File: VD080506.D

Acq: 04 Sep 2025 10:10

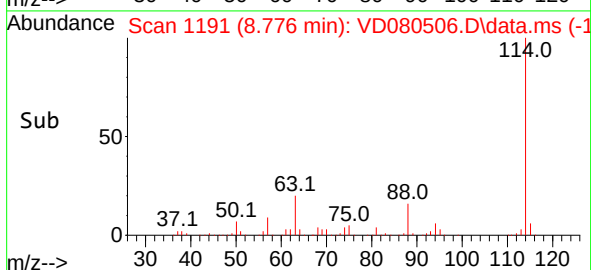
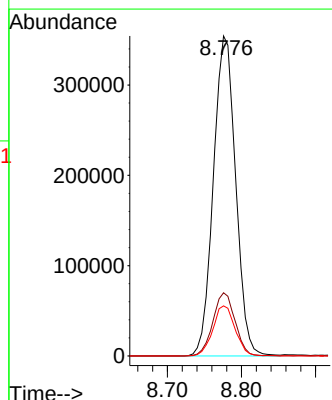
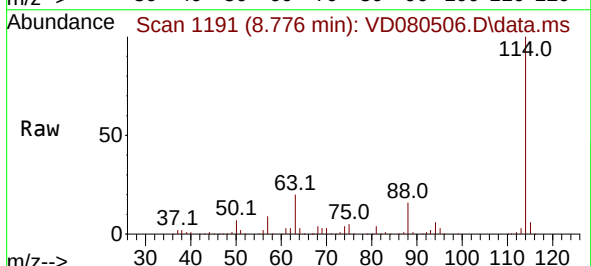
Tgt Ion: 114 Resp: 740532

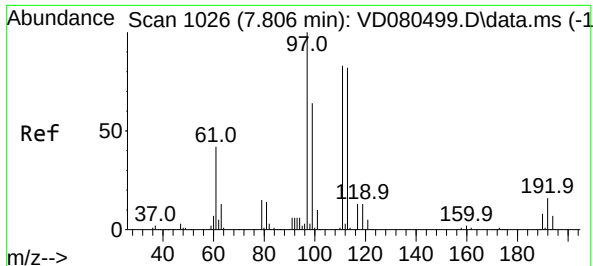
Ion Ratio Lower Upper

114 100

63 19.7 0.0 38.6

88 15.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 46.649 ug/l

RT: 7.805 min Scan# 1026

Delta R.T. -0.001 min

Lab File: VD080506.D

Acq: 04 Sep 2025 10:10

Instrument :

MSVOA_D

ClientSampleId :

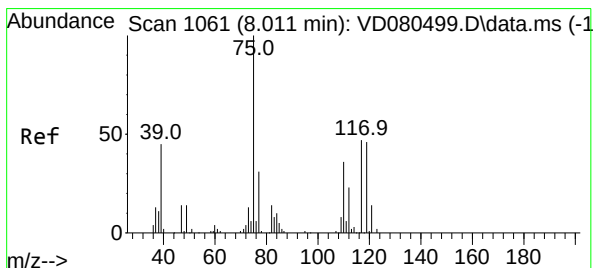
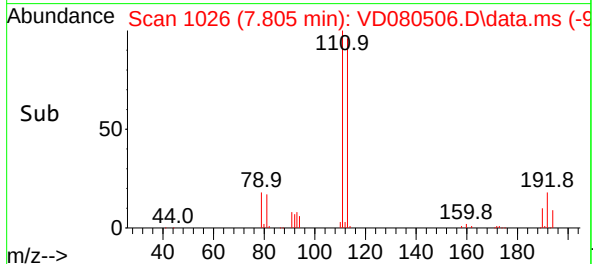
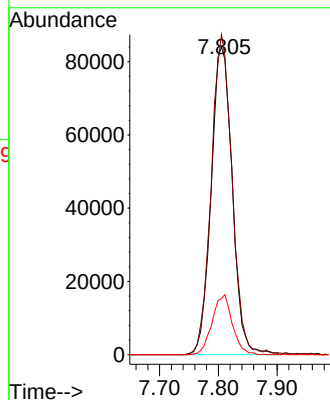
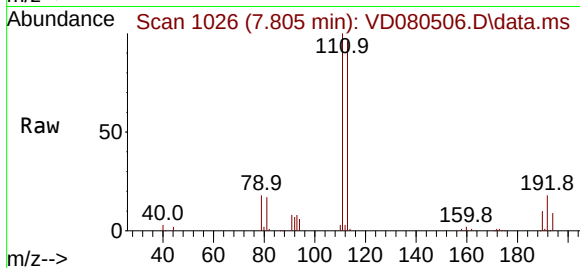
Tgt Ion:113 Resp: 209807

Ion Ratio Lower Upper

113 100

111 102.9 82.0 123.0

192 18.6 14.9 22.3



#36

1,1-Dichloropropene

Concen: 5.239 ug/l

RT: 7.876 min Scan# 1038

Delta R.T. -0.135 min

Lab File: VD080506.D

Acq: 04 Sep 2025 10:10

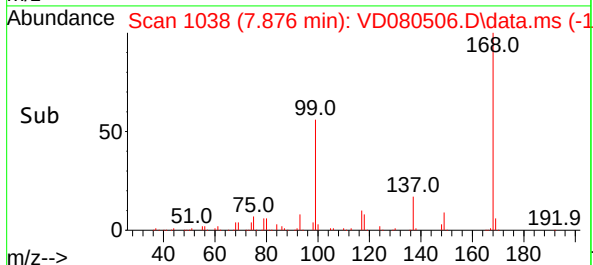
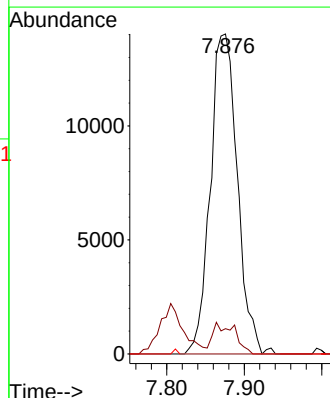
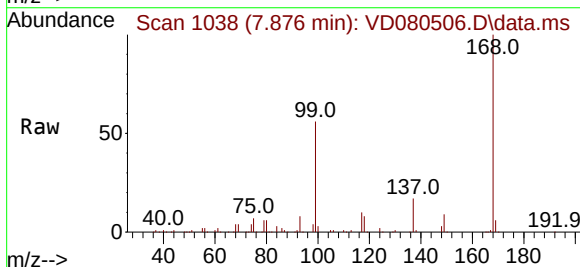
Tgt Ion: 75 Resp: 33997

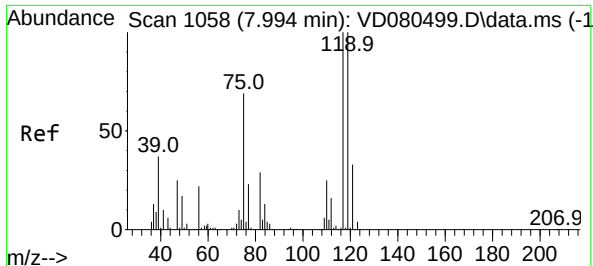
Ion Ratio Lower Upper

75 100

110 7.9 18.1 54.1#

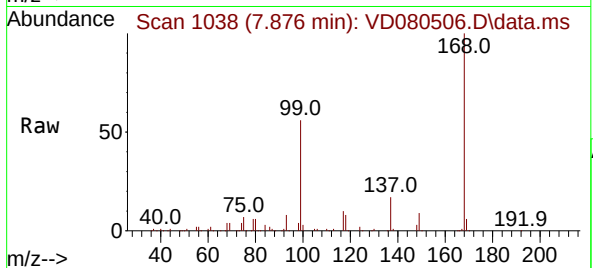
77 0.0 25.7 38.5#



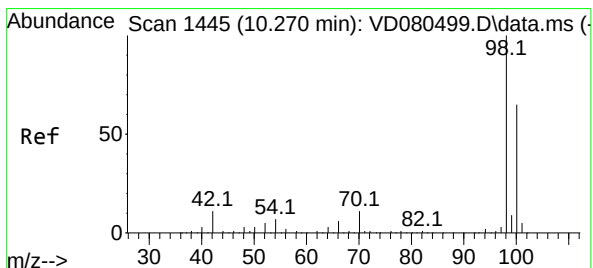
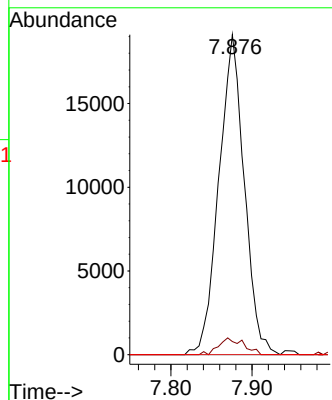
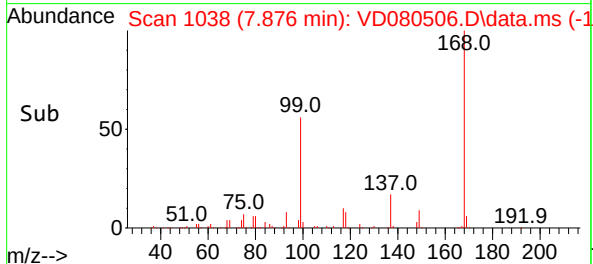


#38
Carbon Tetrachloride
Concen: 6.725 ug/l
RT: 7.876 min Scan# 1058
Delta R.T. -0.118 min
Lab File: VD080506.D
Acq: 04 Sep 2025 10:10

Instrument :
MSVOA_D
ClientSampleId :

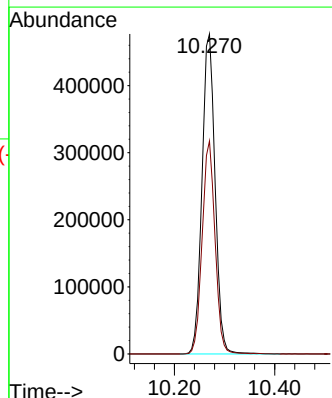
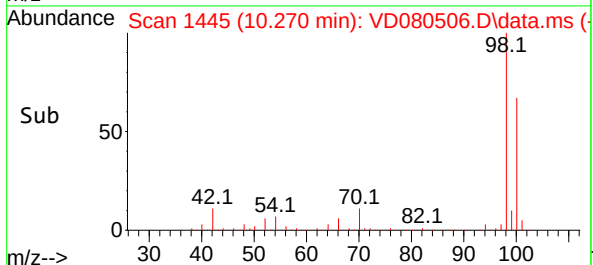
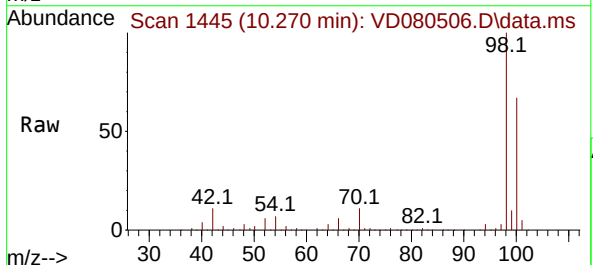


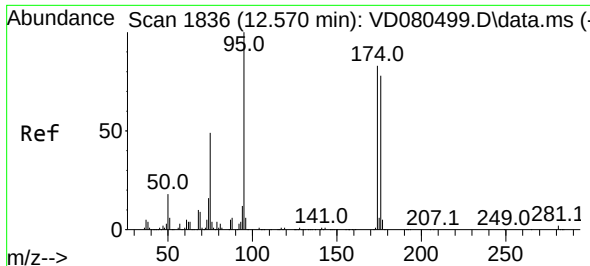
Tgt Ion:117 Resp: 41533
Ion Ratio Lower Upper
117 100
119 4.1 80.2 120.2#
121 0.0 26.8 40.2#



#50
Toluene-d8
Concen: 48.319 ug/l
RT: 10.270 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VD080506.D
Acq: 04 Sep 2025 10:10

Tgt Ion: 98 Resp: 861721
Ion Ratio Lower Upper
98 100
100 65.6 51.8 77.6

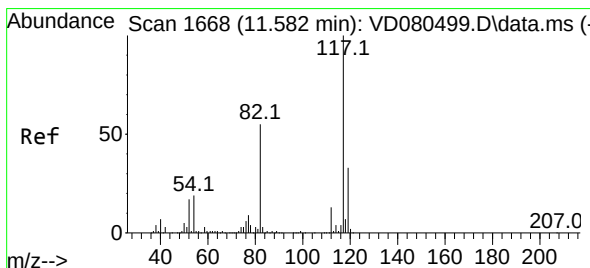
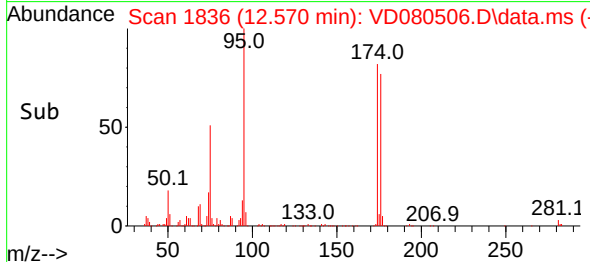
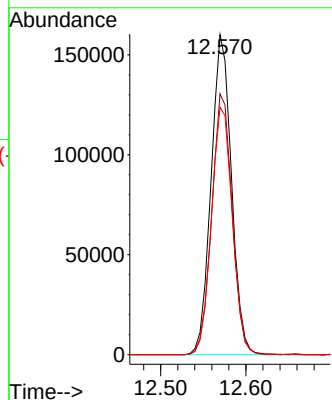
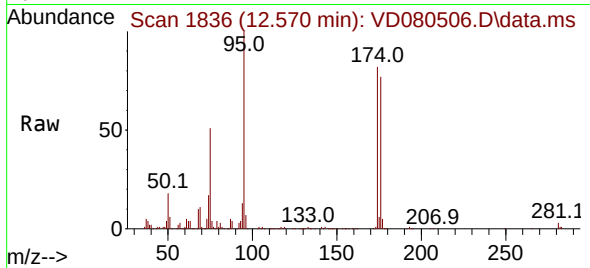




#62
4-Bromofluorobenzene
Concen: 47.301 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD080506.D
Acq: 04 Sep 2025 10:10

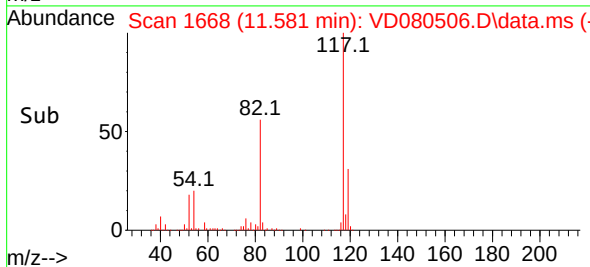
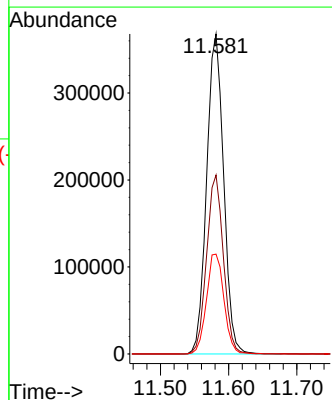
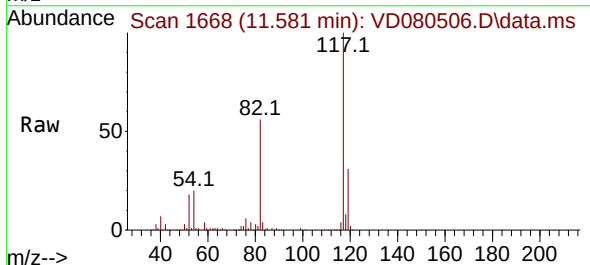
Instrument :
MSVOA_D
ClientSampleId :

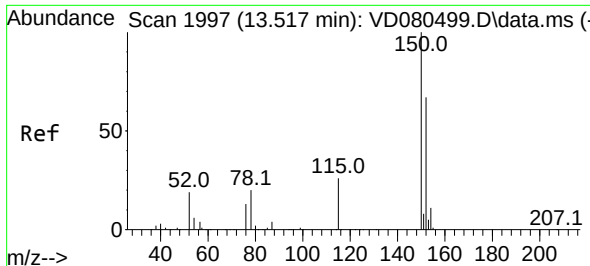
Tgt Ion: 95 Resp: 265973
Ion Ratio Lower Upper
95 100
174 82.0 0.0 162.6
176 79.2 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1668
Delta R.T. -0.001 min
Lab File: VD080506.D
Acq: 04 Sep 2025 10:10

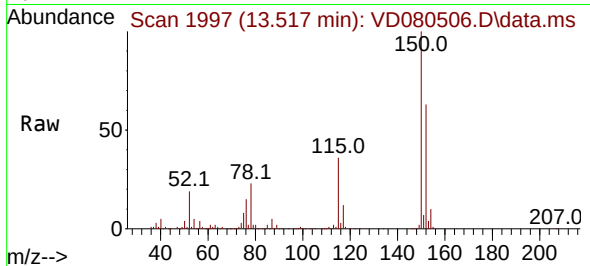
Tgt Ion: 117 Resp: 637535
Ion Ratio Lower Upper
117 100
82 55.9 43.8 65.6
119 31.2 26.1 39.1



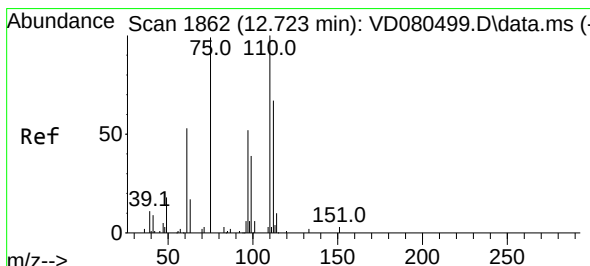
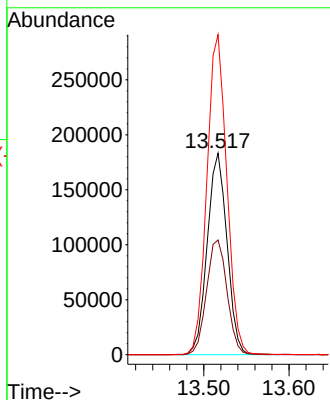
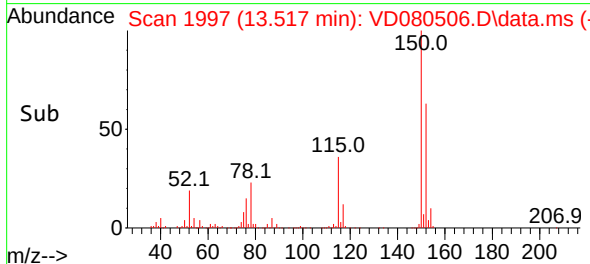


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.517 min Scan# 1997
 Delta R.T. -0.000 min
 Lab File: VD080506.D
 Acq: 04 Sep 2025 10:10

Instrument :
 MSVOA_D
 ClientSampleId :

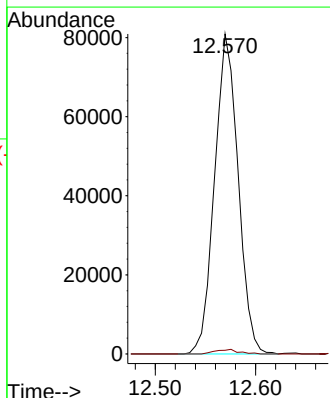
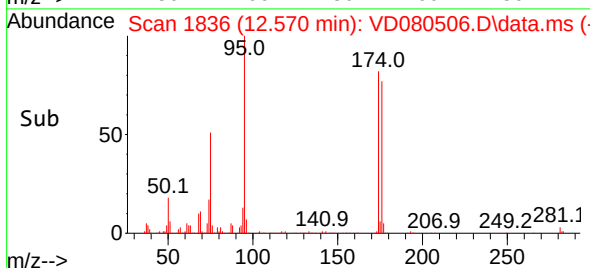
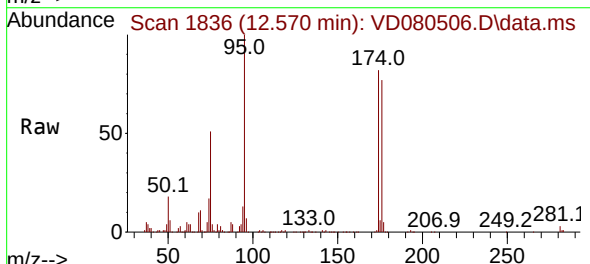


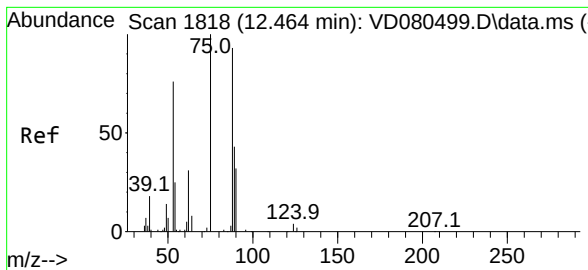
Tgt Ion:152 Resp: 295470
 Ion Ratio Lower Upper
 152 100
 115 59.1 29.0 87.0
 150 160.0 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 54.749 ug/l
 RT: 12.570 min Scan# 1836
 Delta R.T. -0.153 min
 Lab File: VD080506.D
 Acq: 04 Sep 2025 10:10

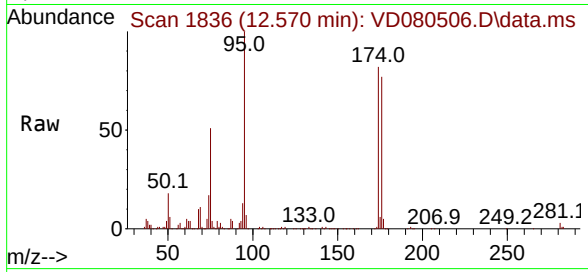
Tgt Ion: 75 Resp: 132026
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.096 ug/l
 RT: 12.570 min Scan# 11
 Delta R.T. 0.105 min
 Lab File: VD080506.D
 Acq: 04 Sep 2025 10:10

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	75	Resp:	132026
Ion	Ratio	Lower	Upper
75	100		
53	0.0	61.9	92.9#
89	0.0	34.6	52.0#

