

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062725\
 Data File : VD080489.D
 Acq On : 27 Jun 2025 11:38
 Operator : RP/MD
 Sample : VD0627SBL01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0627SBL01

Quant Time: Jun 28 03:06:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062625S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 27 05:16:36 2025
 Response via : Initial Calibration

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

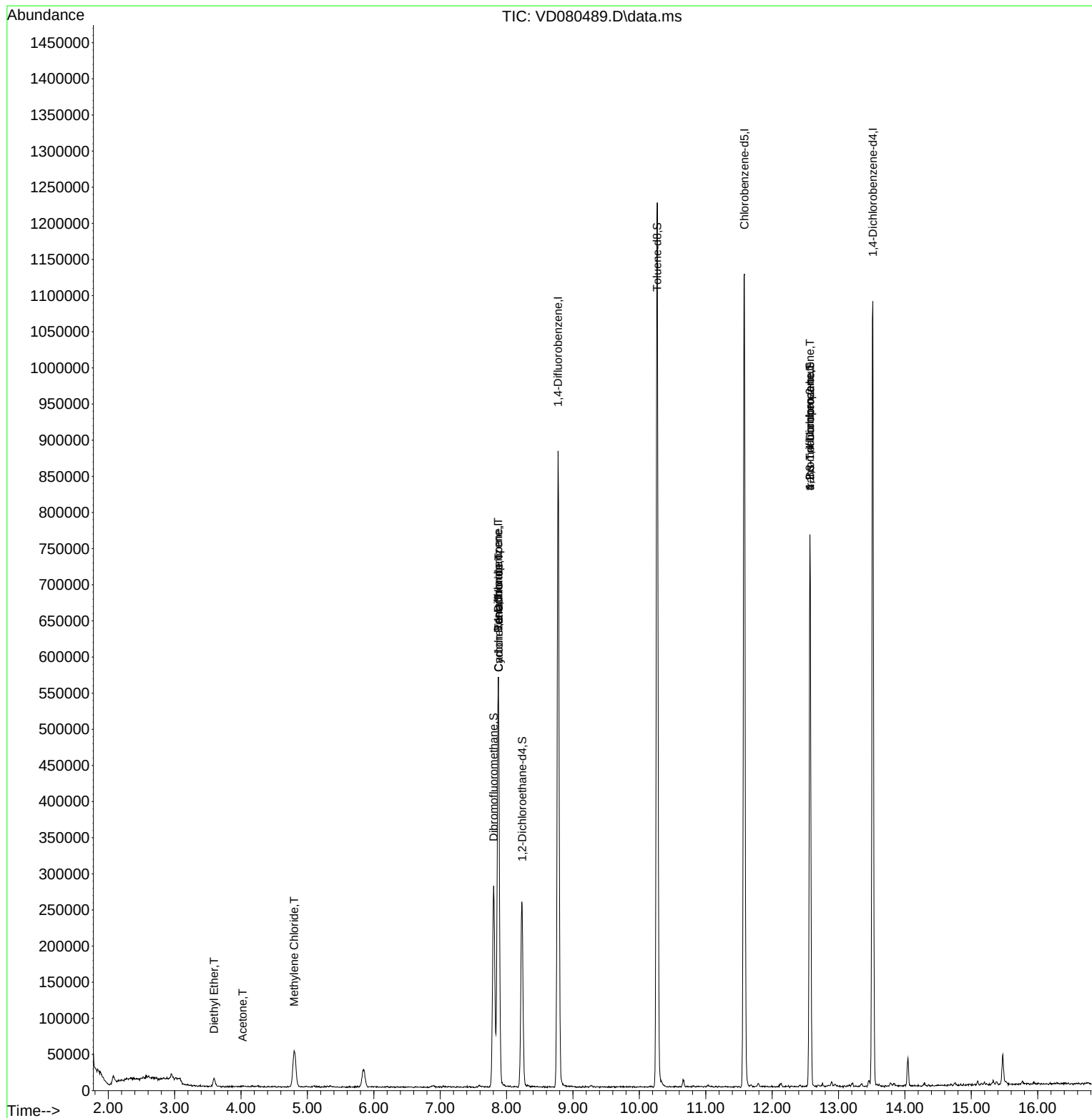
Internal Standards						
1) Pentafluorobenzene	7.876	168	448950	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	792554	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	675853	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	300180	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.235	65	200287	45.507	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.020%
35) Dibromofluoromethane	7.805	113	210244	47.374	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.740%
50) Toluene-d8	10.270	98	868759	48.456	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.920%
62) 4-Bromofluorobenzene	12.570	95	268744	45.715	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.440%
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.594	74	6429	2.322	ug/l	86
16) Acetone	4.023	43	1461	1.285	ug/l	100
20) Methylene Chloride	4.800	84	41757	3.842	ug/l	96
31) Cyclohexane	7.882	56	9853	1.009	ug/l #	1
36) 1,1-Dichloropropene	7.876	75	34892	5.034	ug/l #	49
38) Carbon Tetrachloride	7.882	117	43501	6.569	ug/l #	15
76) 1,2,3-Trichloropropane	12.570	75	131974	51.720	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.570	75	131974	76.855	ug/l #	19

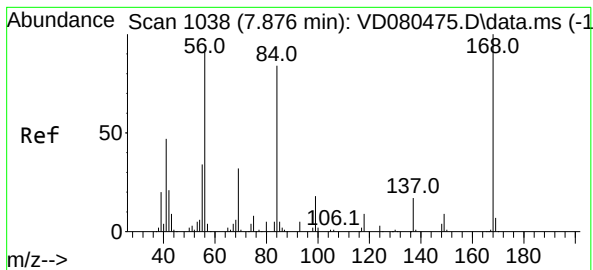
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062725\
Data File : VD080489.D
Acq On : 27 Jun 2025 11:38
Operator : RP/MD
Sample : VD0627SBL01
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0627SBL01

Quant Time: Jun 28 03:06:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062625S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 27 05:16:36 2025
Response via : Initial Calibration

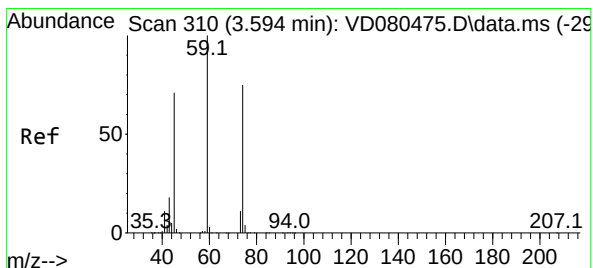
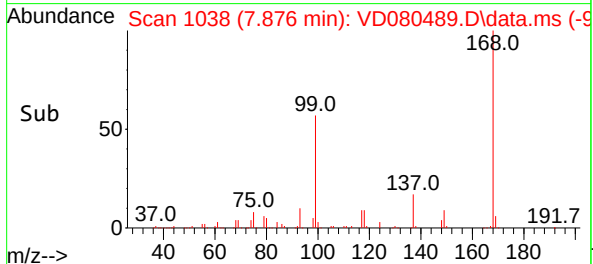
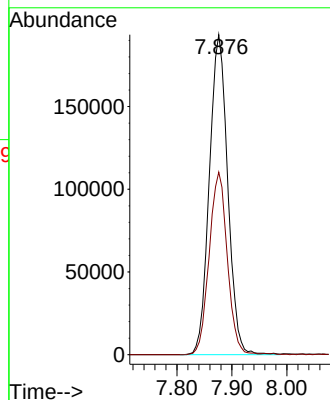
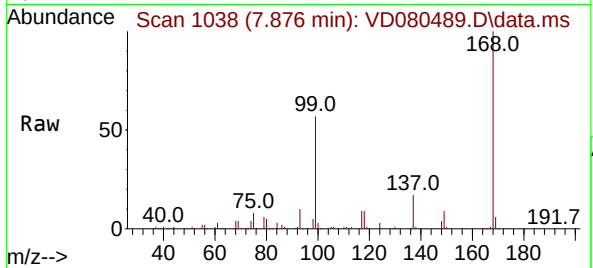




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VD080489.D
Acq: 27 Jun 2025 11:38

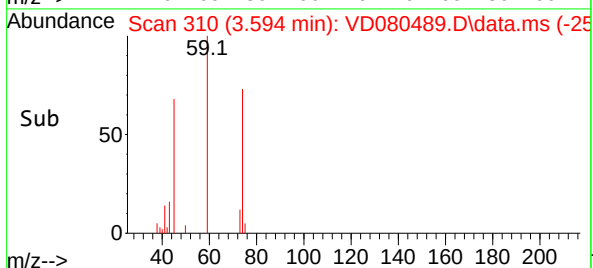
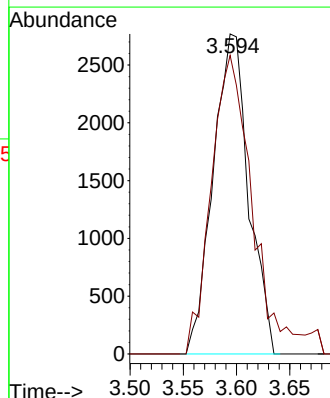
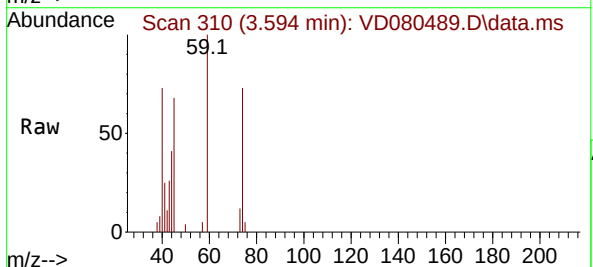
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBL01

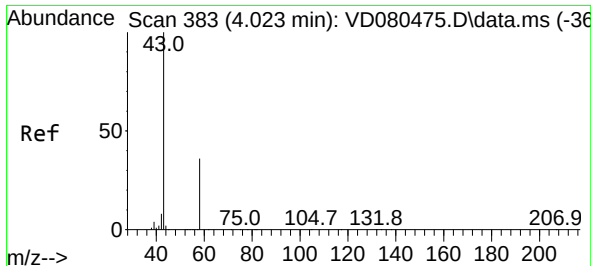
Tgt Ion:168 Resp: 448950
Ion Ratio Lower Upper
168 100
99 57.1 45.8 68.8



#8
Diethyl Ether
Concen: 2.322 ug/l
RT: 3.594 min Scan# 310
Delta R.T. -0.000 min
Lab File: VD080489.D
Acq: 27 Jun 2025 11:38

Tgt Ion: 74 Resp: 6429
Ion Ratio Lower Upper
74 100
45 107.0 46.6 139.8

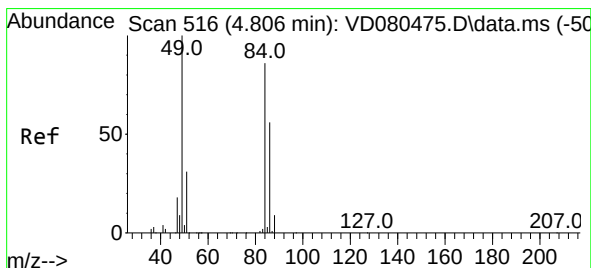
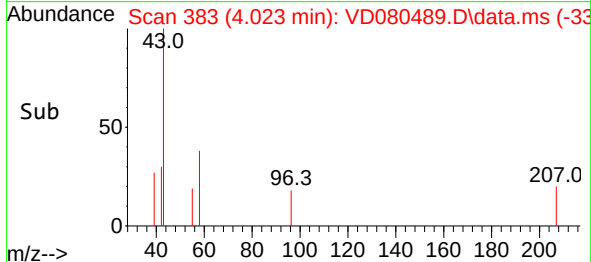
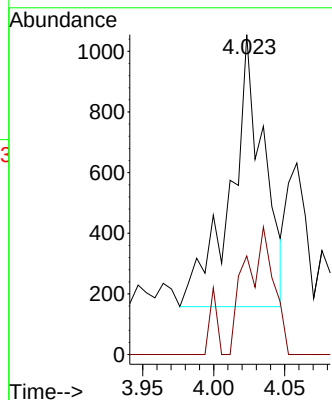
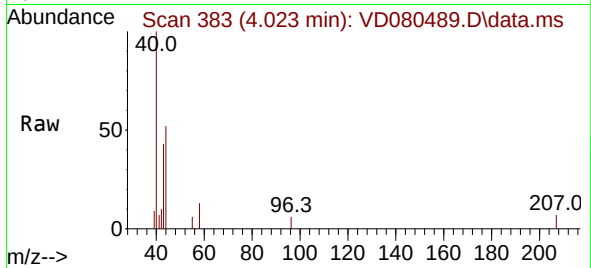




#16
Acetone
Concen: 1.285 ug/l
RT: 4.023 min Scan# 383
Delta R.T. -0.000 min
Lab File: VD080489.D
Acq: 27 Jun 2025 11:38

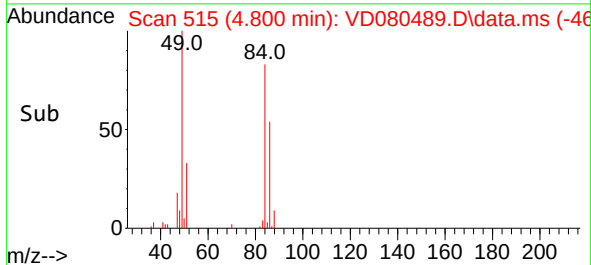
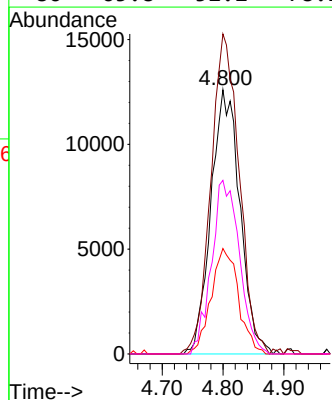
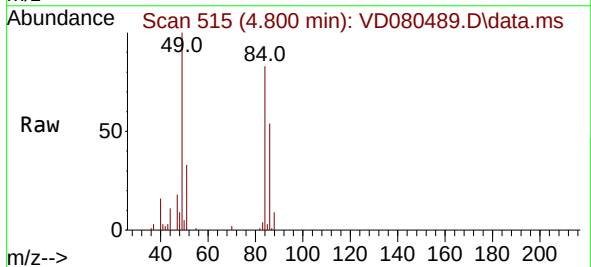
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBL01

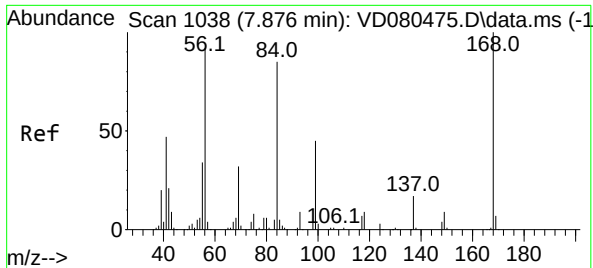
Tgt Ion: 43 Resp: 1461
Ion Ratio Lower Upper
43 100
58 36.2 29.0 43.4



#20
Methylene Chloride
Concen: 3.842 ug/l
RT: 4.800 min Scan# 515
Delta R.T. -0.006 min
Lab File: VD080489.D
Acq: 27 Jun 2025 11:38

Tgt Ion: 84 Resp: 41757
Ion Ratio Lower Upper
84 100
49 121.2 92.8 139.2
51 39.9 29.0 43.6
86 65.8 52.2 78.2

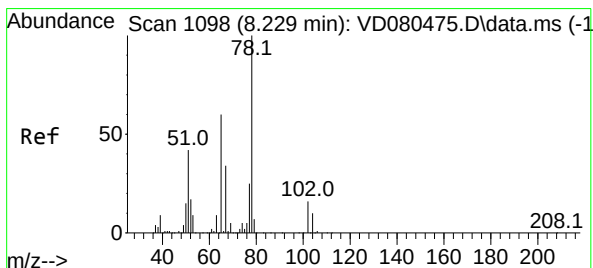
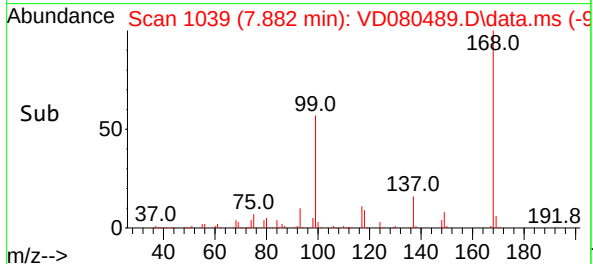
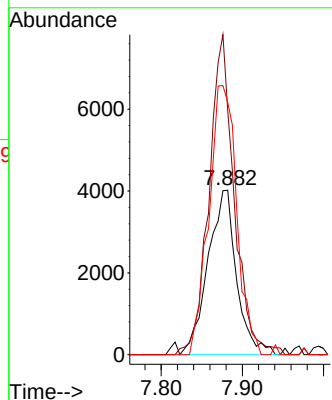
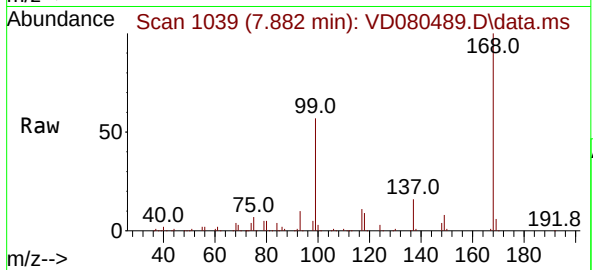




#31
Cyclohexane
Concen: 1.009 ug/l
RT: 7.882 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VD080489.D
Acq: 27 Jun 2025 11:38

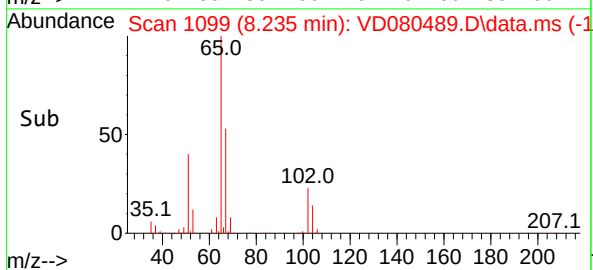
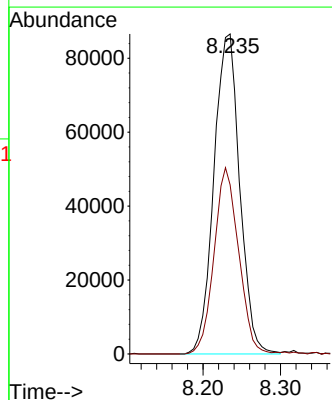
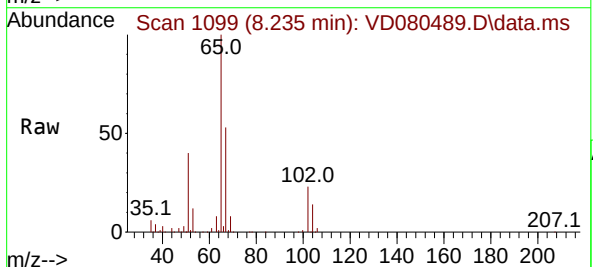
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBL01

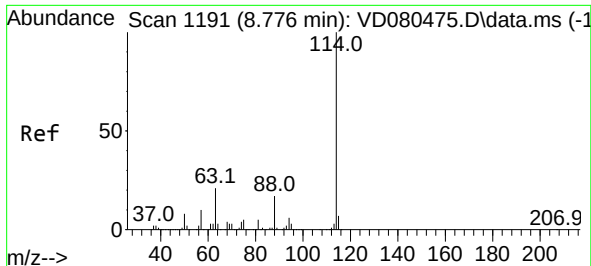
Tgt Ion: 56 Resp: 9853
Ion Ratio Lower Upper
56 100
69 144.8 28.1 42.1#
84 164.2 73.7 110.5#



#33
1,2-Dichloroethane-d4
Concen: 45.507 ug/l
RT: 8.235 min Scan# 1099
Delta R.T. 0.006 min
Lab File: VD080489.D
Acq: 27 Jun 2025 11:38

Tgt Ion: 65 Resp: 200287
Ion Ratio Lower Upper
65 100
67 55.5 0.0 113.4

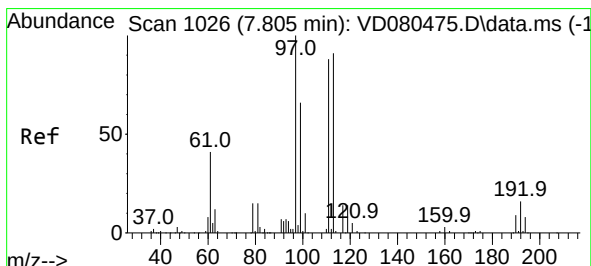
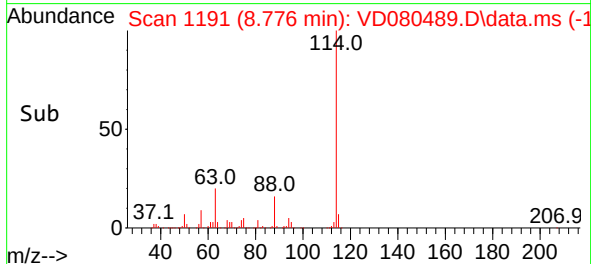
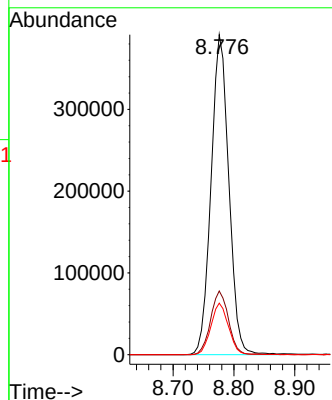
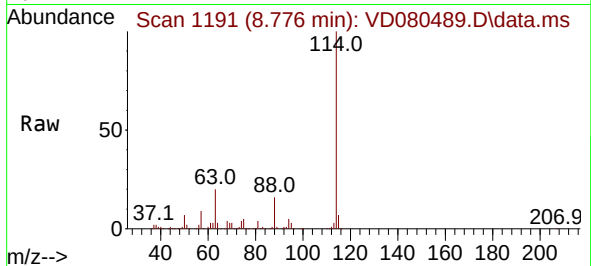




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.776 min Scan# 1191
Delta R.T. -0.000 min
Lab File: VD080489.D
Acq: 27 Jun 2025 11:38

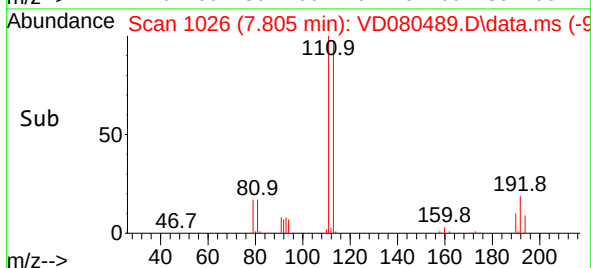
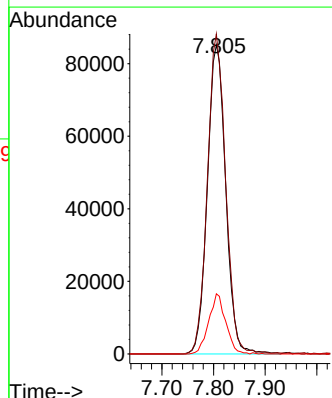
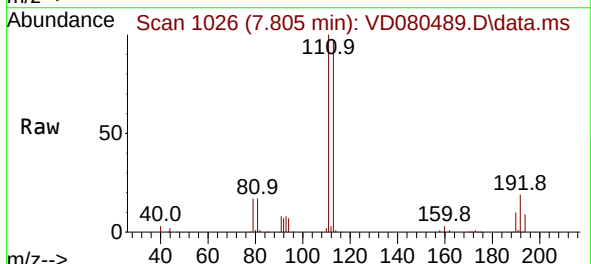
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBL01

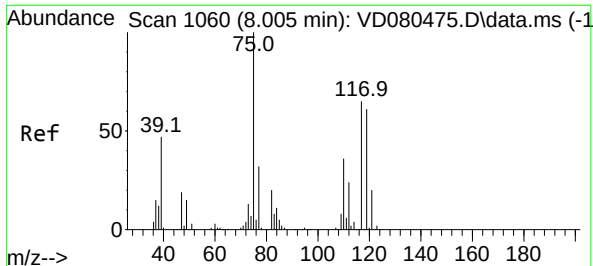
Tgt Ion:	114	Resp:	792554
Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	42.0
88	16.1	0.0	33.8



#35
Dibromofluoromethane
Concen: 47.374 ug/l
RT: 7.805 min Scan# 1026
Delta R.T. -0.000 min
Lab File: VD080489.D
Acq: 27 Jun 2025 11:38

Tgt Ion:	113	Resp:	210244
Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.5	123.7
192	18.0	15.0	22.6





#36

1,1-Dichloropropene

Concen: 5.034 ug/l

RT: 7.876 min Scan# 1038

Delta R.T. -0.129 min

Lab File: VD080489.D

Acq: 27 Jun 2025 11:38

Instrument :

MSVOA_D

ClientSampleId :

VD0627SBL01

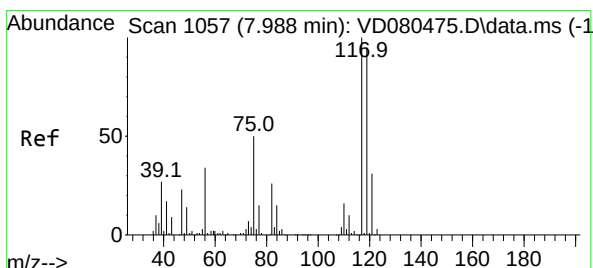
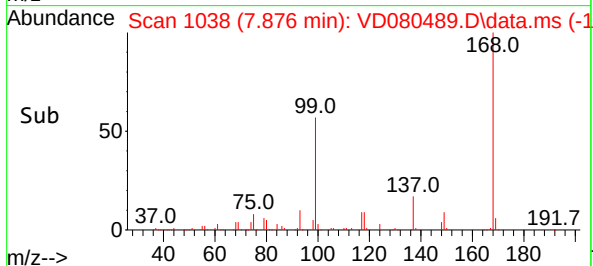
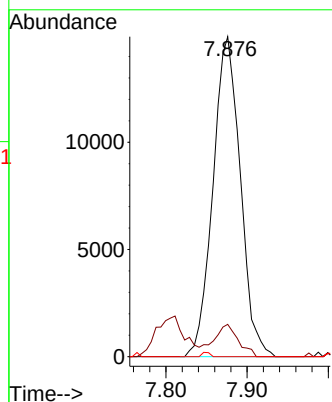
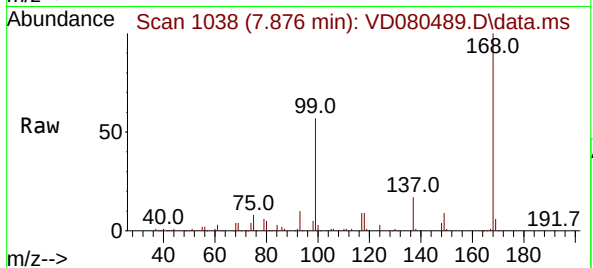
Tgt Ion: 75 Resp: 34892

Ion Ratio Lower Upper

75 100

110 9.1 18.2 54.6#

77 0.0 25.2 37.8#



#38

Carbon Tetrachloride

Concen: 6.569 ug/l

RT: 7.882 min Scan# 1039

Delta R.T. -0.106 min

Lab File: VD080489.D

Acq: 27 Jun 2025 11:38

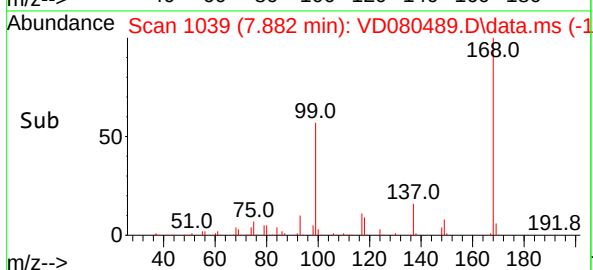
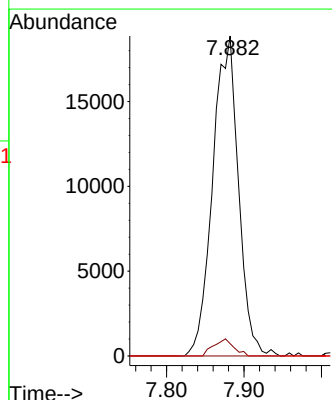
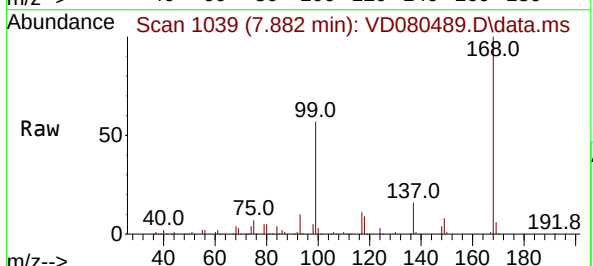
Tgt Ion: 117 Resp: 43501

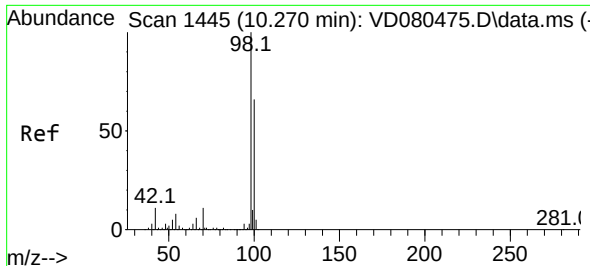
Ion Ratio Lower Upper

117 100

119 3.9 75.8 113.6#

121 0.0 25.0 37.4#

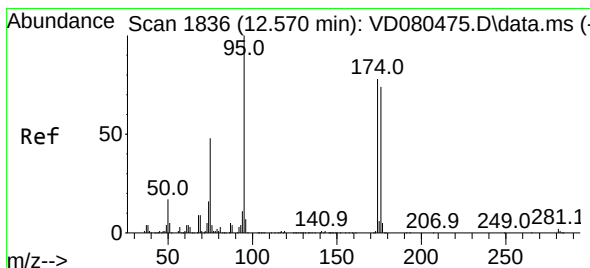
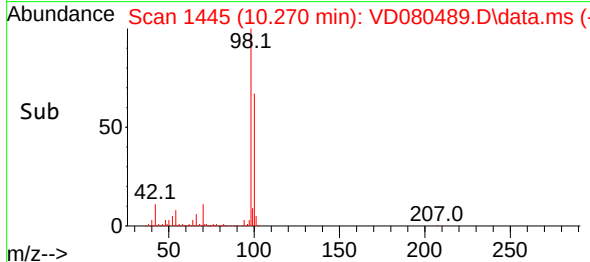
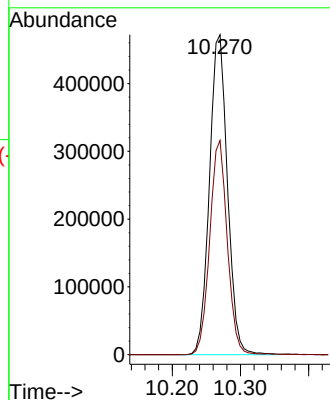
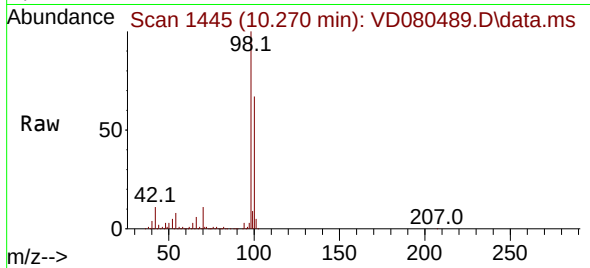




#50
Toluene-d8
Concen: 48.456 ug/l
RT: 10.270 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VD080489.D
Acq: 27 Jun 2025 11:38

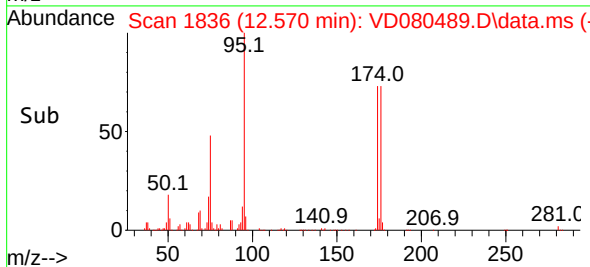
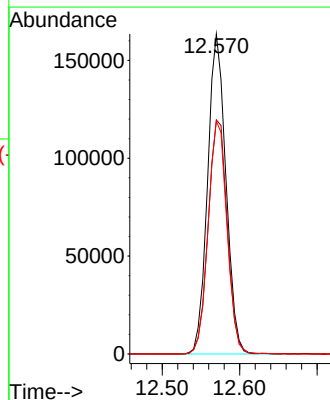
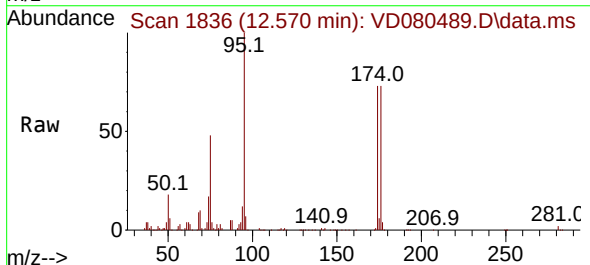
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBL01

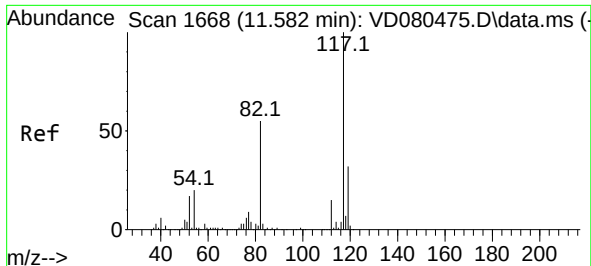
Tgt Ion: 98 Resp: 868759
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 45.715 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD080489.D
Acq: 27 Jun 2025 11:38

Tgt Ion: 95 Resp: 268744
Ion Ratio Lower Upper
95 100
174 76.0 0.0 154.0
176 74.7 0.0 149.6

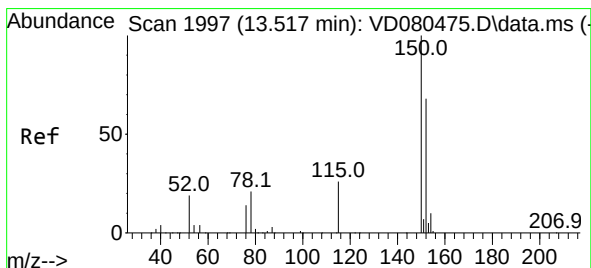
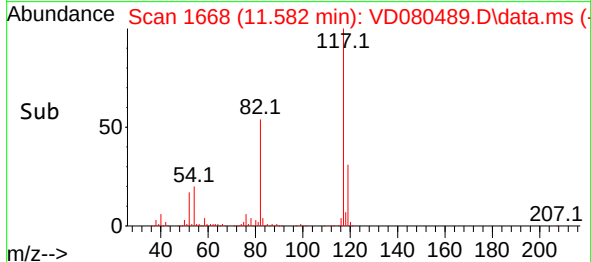
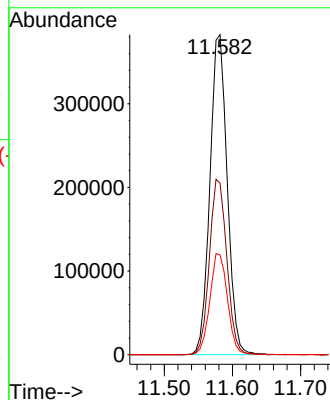
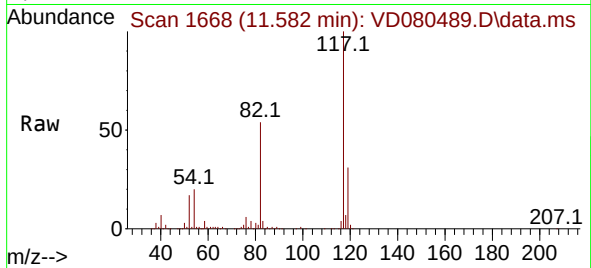




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.582 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD080489.D
Acq: 27 Jun 2025 11:38

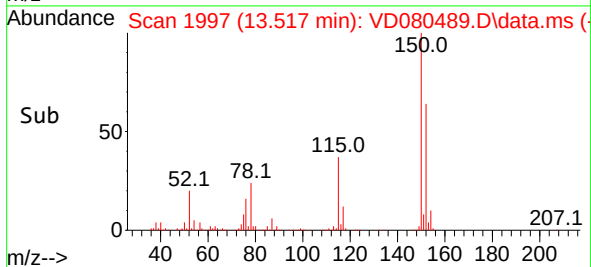
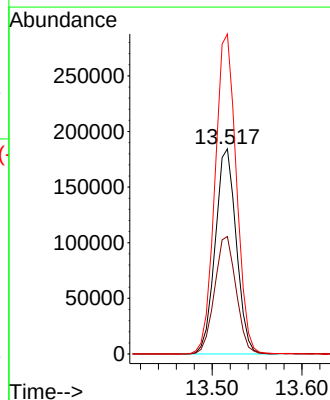
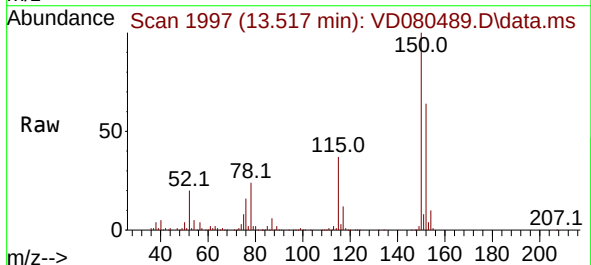
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBL01

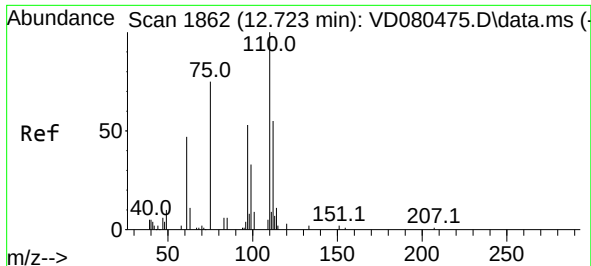
Tgt Ion:117 Resp: 675853
Ion Ratio Lower Upper
117 100
82 53.6 43.7 65.5
119 31.2 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.517 min Scan# 1997
Delta R.T. -0.000 min
Lab File: VD080489.D
Acq: 27 Jun 2025 11:38

Tgt Ion:152 Resp: 300180
Ion Ratio Lower Upper
152 100
115 58.5 30.2 90.6
150 158.3 0.0 350.2

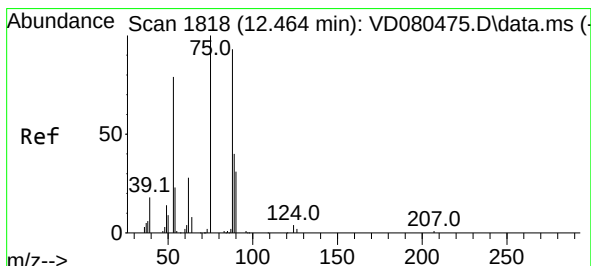
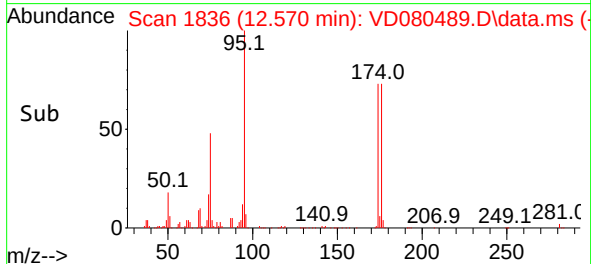
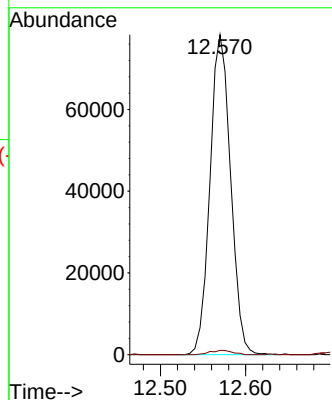
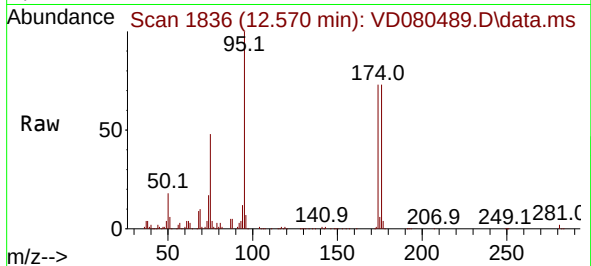




#76
1,2,3-Trichloropropane
Concen: 51.720 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. -0.153 min
Lab File: VD080489.D
Acq: 27 Jun 2025 11:38

Instrument :
MSVOA_D
ClientSampleId :
VD0627SBL01

Tgt Ion: 75 Resp: 131974
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.855 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. 0.106 min
Lab File: VD080489.D
Acq: 27 Jun 2025 11:38

Tgt Ion: 75 Resp: 131974
Ion Ratio Lower Upper
75 100
53 0.0 61.5 92.3#
89 0.0 33.0 49.6#

