

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060823\
 Data File : VD076371.D
 Acq On : 08 Jun 2023 14:00
 Operator : KP/SY
 Sample : VD0608SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0608SBL01

Quant Time: Jun 08 16:15:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 06 02:52:23 2023
 Response via : Initial Calibration

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

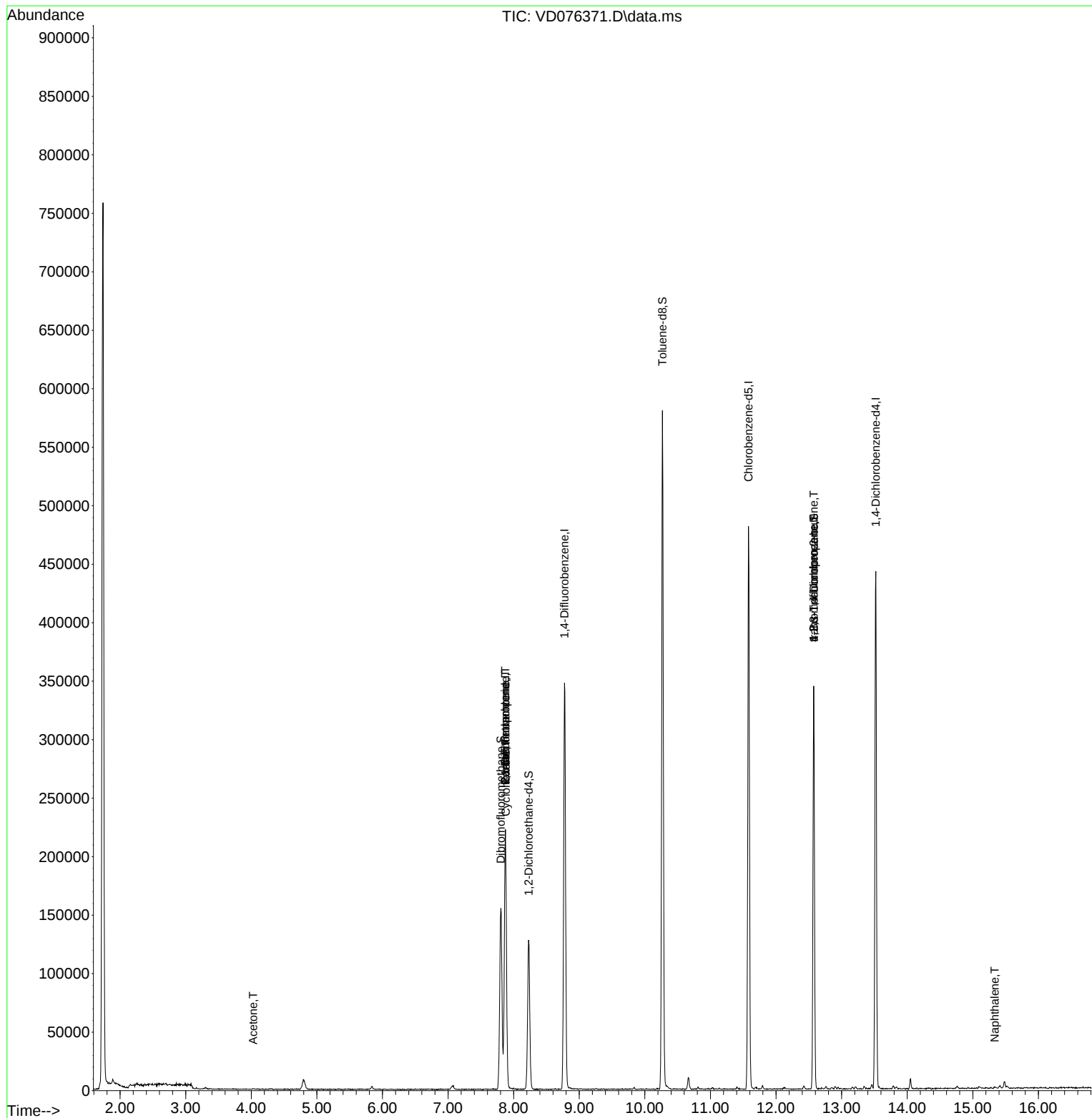
Internal Standards						
1) Pentafluorobenzene	7.875	168	189103	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	344967	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	309862	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	134071	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	97283	57.416	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.840%
35) Dibromofluoromethane	7.804	113	113583	51.857	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.720%
50) Toluene-d8	10.269	98	422309	48.426	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.860%
62) 4-Bromofluorobenzene	12.575	95	101503	43.981	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.960%
Target Compounds						
					Qvalue	
16) Acetone	4.028	43	695	2.239	ug/l #	32
20) Methylene Chloride	4.799	84	7626	Below Cal		93
31) Cyclohexane	7.881	56	3723	1.309	ug/l #	18
36) 1,1-Dichloropropene	7.875	75	12759	4.054	ug/l #	44
38) Carbon Tetrachloride	7.875	117	16723	6.062	ug/l #	15
76) 1,2,3-Trichloropropane	12.575	75	48562	38.803	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	48562	92.935	ug/l #	17
95) Naphthalene	15.333	128	1603	3.605	ug/l #	52

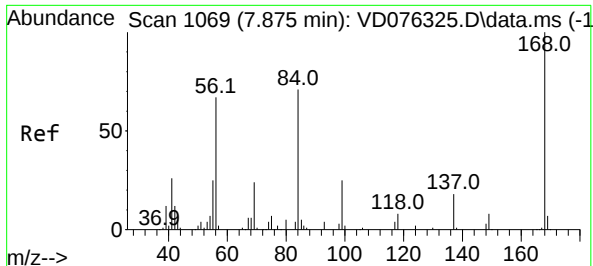
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jun 06 02:52:23 2023
Response via : Initial Calibration

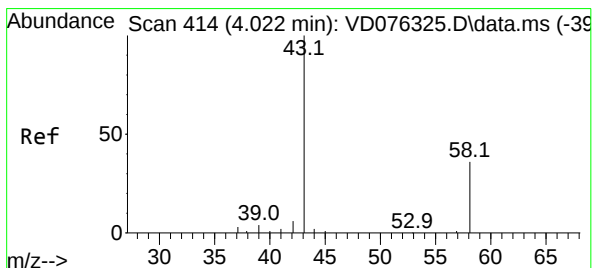
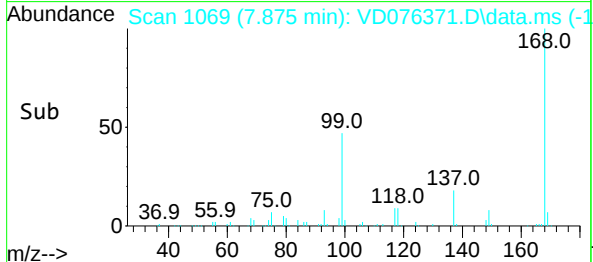
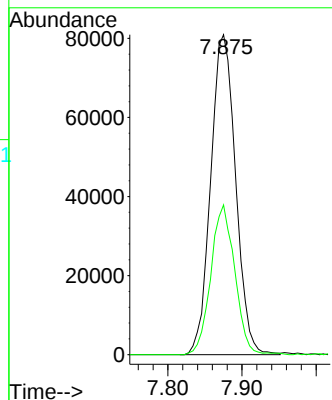
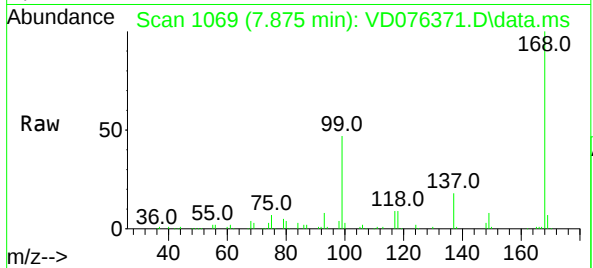




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076371.D
Acq: 08 Jun 2023 14:00

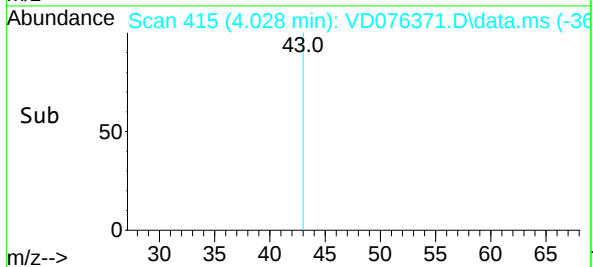
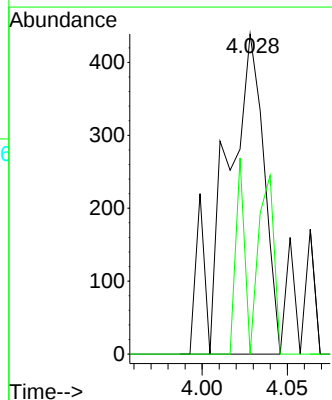
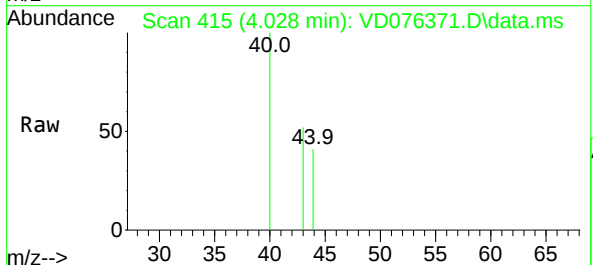
Instrument :
MSVOA_D
ClientSampleId :
VD0608SBL01

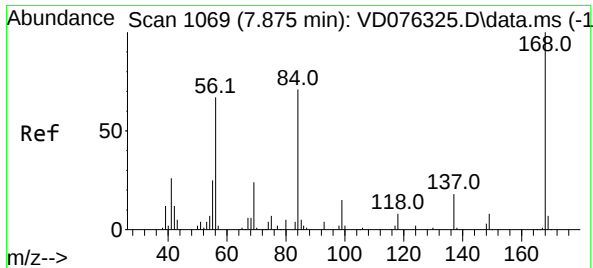
Tgt Ion:168 Resp: 189103
Ion Ratio Lower Upper
168 100
99 46.8 36.7 55.1



#16
Acetone
Concen: 2.239 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD076371.D
Acq: 08 Jun 2023 14:00

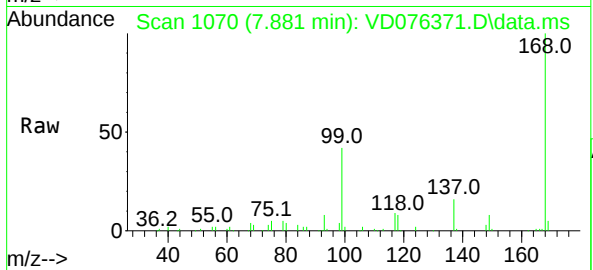
Tgt Ion: 43 Resp: 695
Ion Ratio Lower Upper
43 100
58 0.0 34.7 52.1#





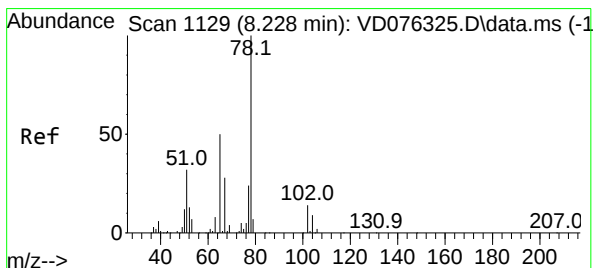
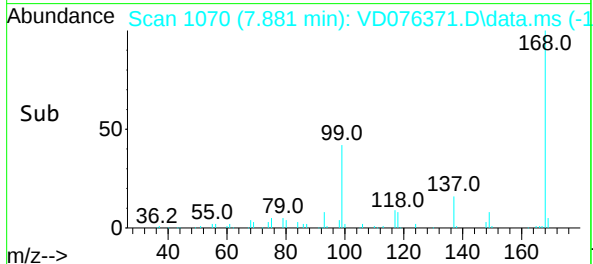
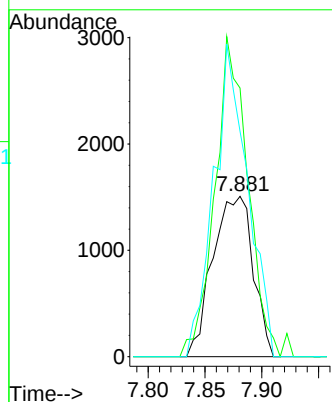
#31
Cyclohexane
Concen: 1.309 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD076371.D
Acq: 08 Jun 2023 14:00

Instrument :
MSVOA_D
ClientSampleId :
VD0608SBL01



Tgt Ion: 56 Resp: 3723

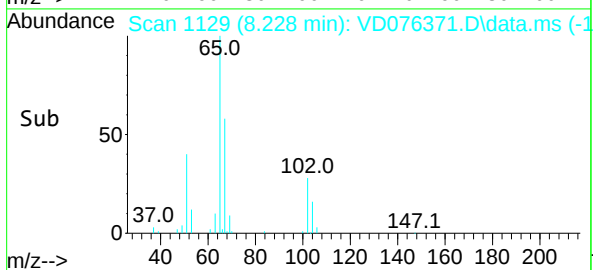
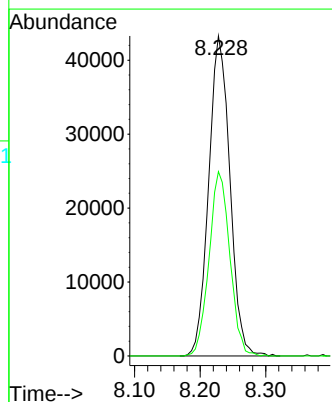
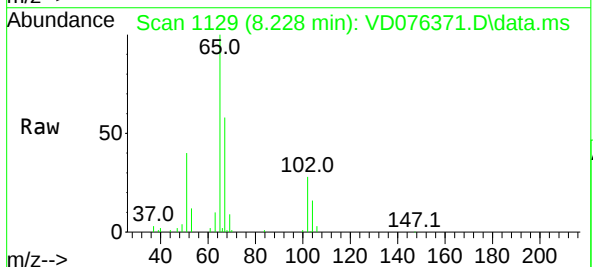
Ion	Ratio	Lower	Upper
56	100		
69	167.5	28.6	43.0#
84	140.5	84.8	127.2#

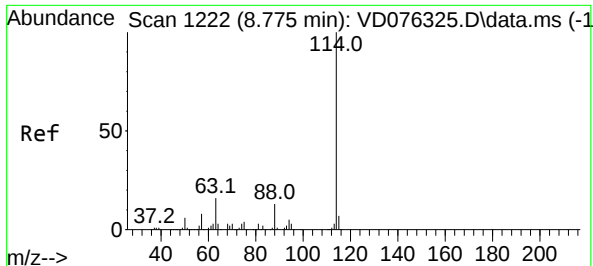


#33
1,2-Dichloroethane-d4
Concen: 57.416 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076371.D
Acq: 08 Jun 2023 14:00

Tgt Ion: 65 Resp: 97283

Ion	Ratio	Lower	Upper
65	100		
67	56.5	0.0	115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD076371.D

Acq: 08 Jun 2023 14:00

Instrument :

MSVOA_D

ClientSampleId :

VD0608SBL01

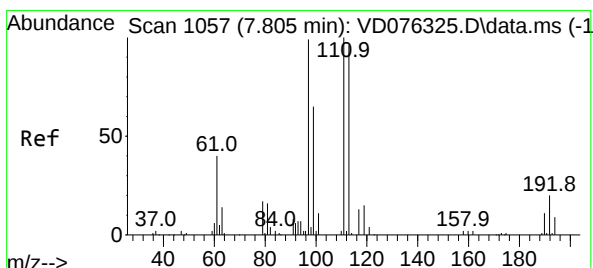
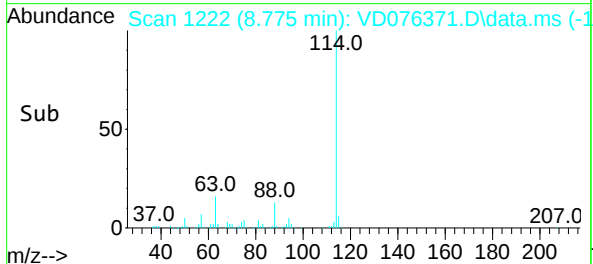
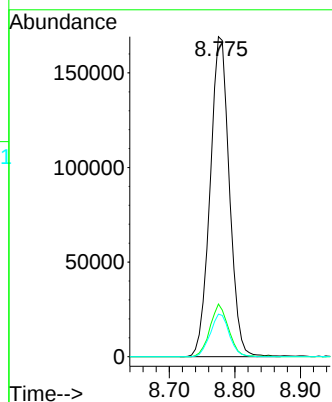
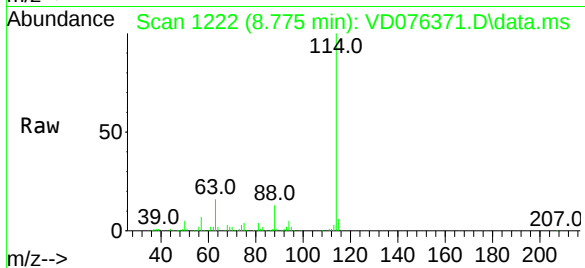
Tgt Ion:114 Resp: 344967

Ion Ratio Lower Upper

114 100

63 16.4 0.0 33.4

88 13.3 0.0 26.2



#35

Dibromofluoromethane

Concen: 51.857 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076371.D

Acq: 08 Jun 2023 14:00

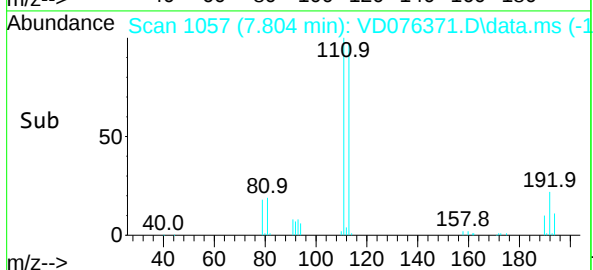
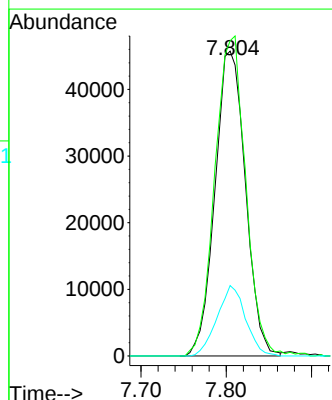
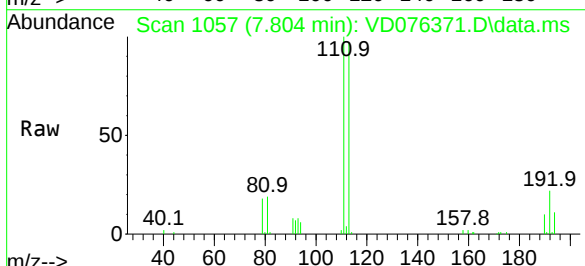
Tgt Ion:113 Resp: 113583

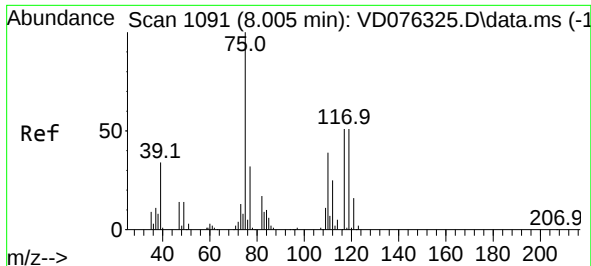
Ion Ratio Lower Upper

113 100

111 106.3 84.7 127.1

192 21.6 16.8 25.2





#36

1,1-Dichloropropene

Concen: 4.054 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.130 min

Lab File: VD076371.D

Acq: 08 Jun 2023 14:00

Instrument :

MSVOA_D

ClientSampleId :

VD0608SBL01

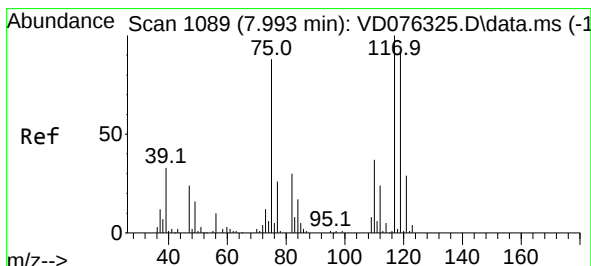
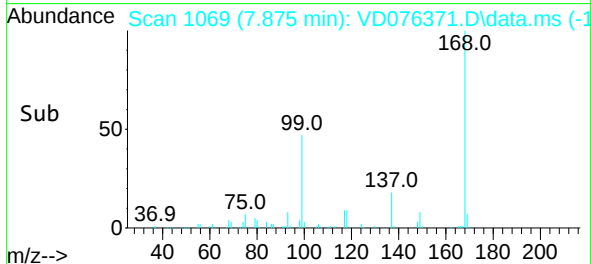
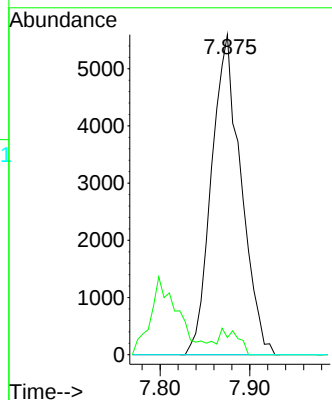
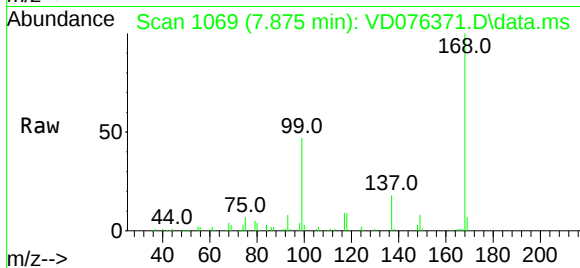
Tgt Ion: 75 Resp: 12759

Ion Ratio Lower Upper

75 100

110 5.9 19.9 59.6#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 6.062 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

Lab File: VD076371.D

Acq: 08 Jun 2023 14:00

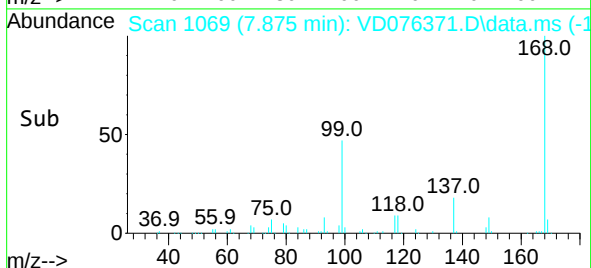
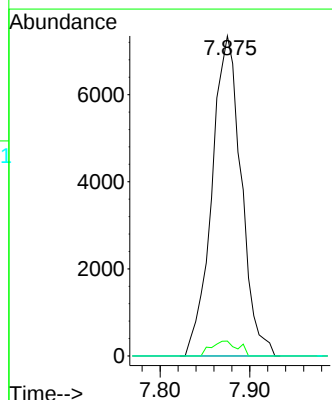
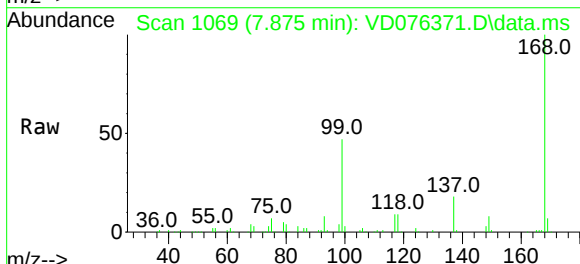
Tgt Ion: 117 Resp: 16723

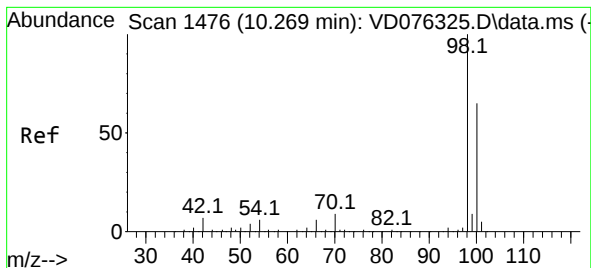
Ion Ratio Lower Upper

117 100

119 4.7 78.0 117.0#

121 0.0 24.2 36.2#

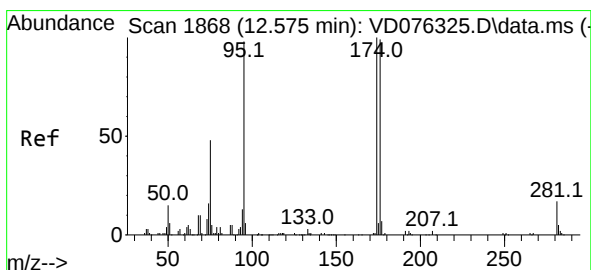
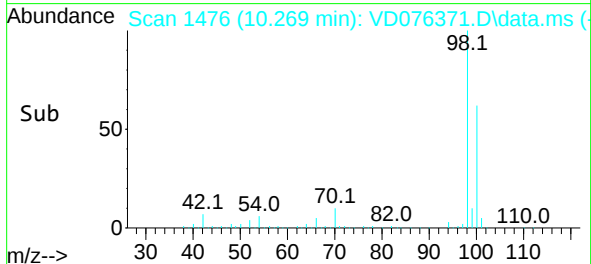
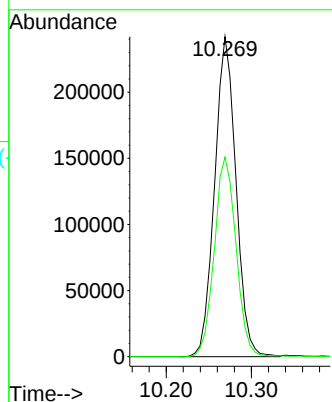
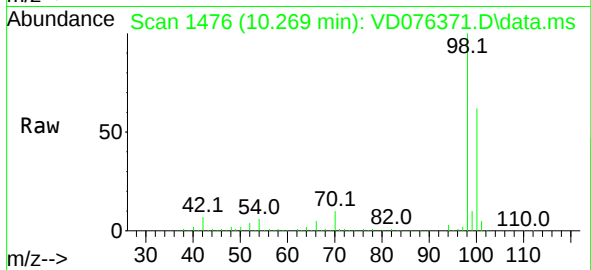




#50
Toluene-d8
Concen: 48.426 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076371.D
Acq: 08 Jun 2023 14:00

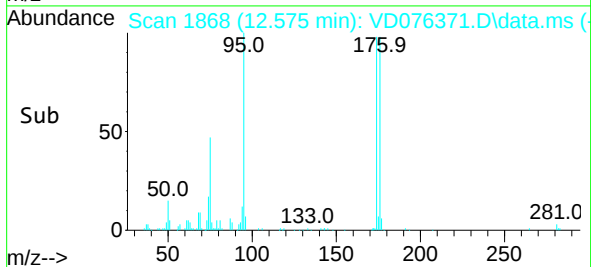
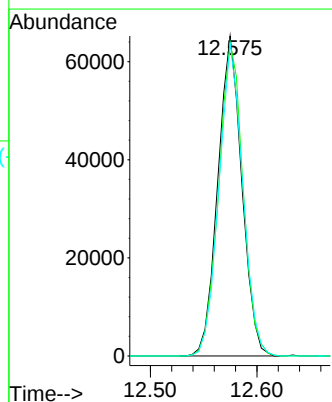
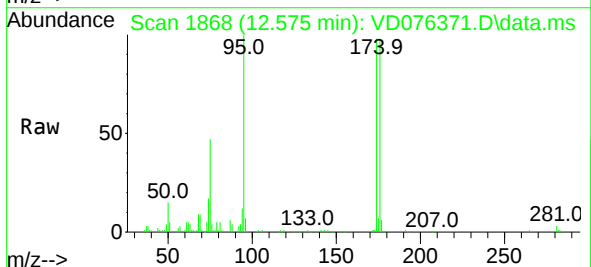
Instrument :
MSVOA_D
ClientSampleId :
VD0608SBL01

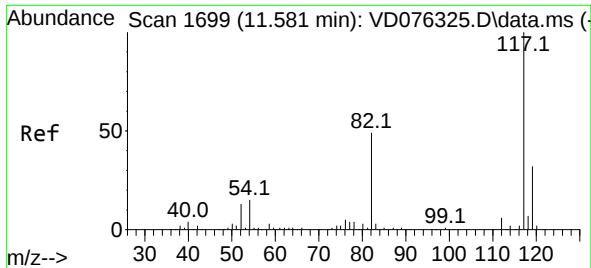
Tgt Ion: 98 Resp: 422309
Ion Ratio Lower Upper
98 100
100 63.6 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 43.981 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076371.D
Acq: 08 Jun 2023 14:00

Tgt Ion: 95 Resp: 101503
Ion Ratio Lower Upper
95 100
174 99.4 0.0 201.8
176 97.0 0.0 191.8

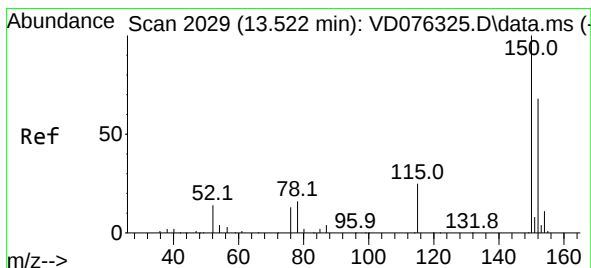
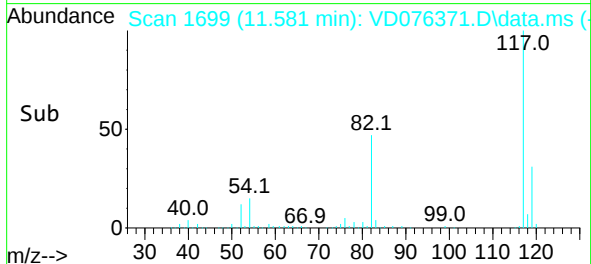
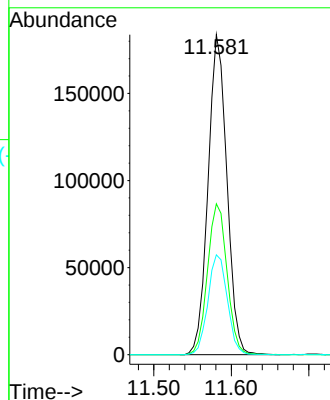
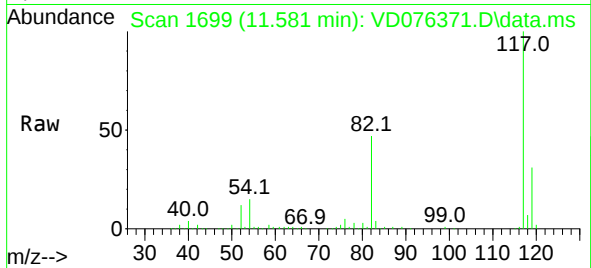




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD076371.D
Acq: 08 Jun 2023 14:00

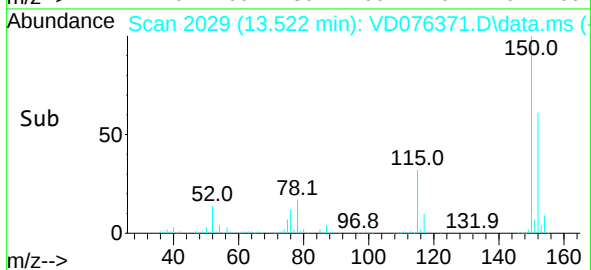
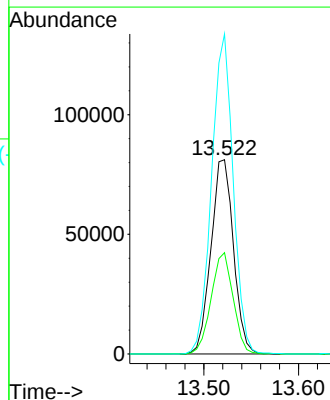
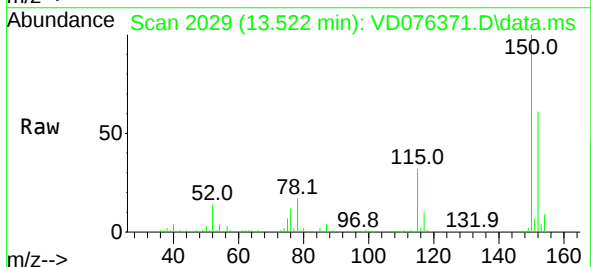
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MSVOA_D
ClientSampleId :
VD0608SBL01

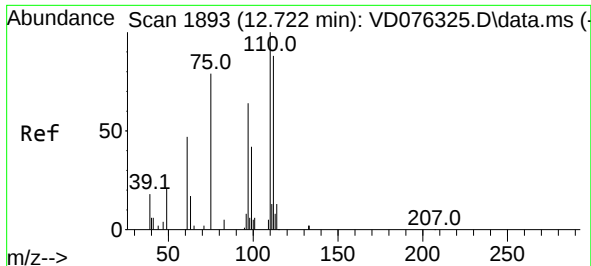
Tgt Ion:117 Resp: 309862
Ion Ratio Lower Upper
117 100
82 47.1 38.3 57.5
119 31.2 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD076371.D
Acq: 08 Jun 2023 14:00

Tgt Ion:152 Resp: 134071
Ion Ratio Lower Upper
152 100
115 51.0 27.1 81.3
150 157.6 0.0 353.6

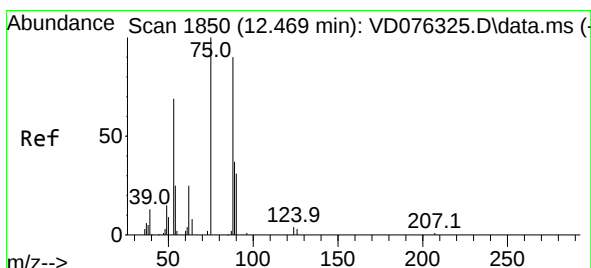
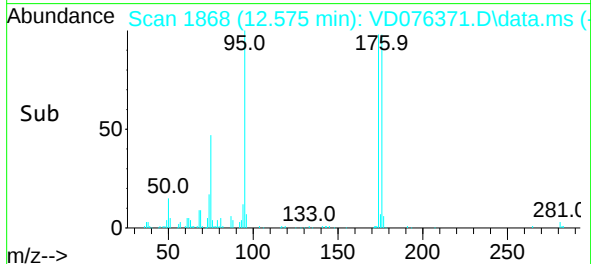
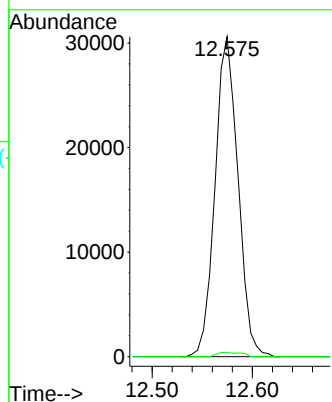
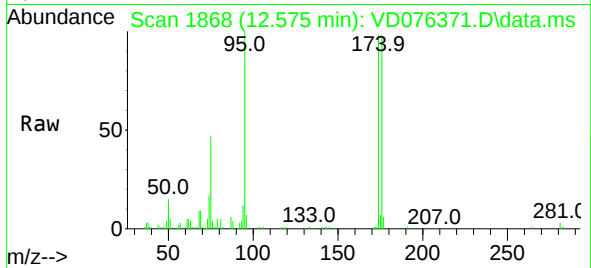




#76
1,2,3-Trichloropropane
Concen: 38.803 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD076371.D
Acq: 08 Jun 2023 14:00

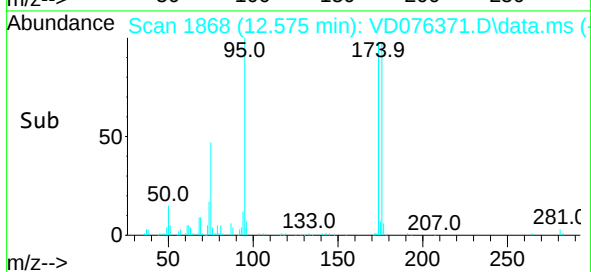
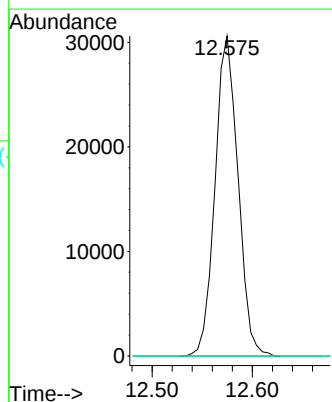
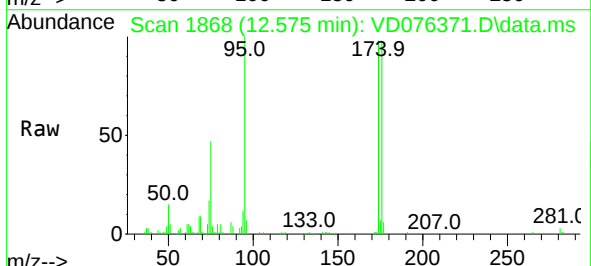
Instrument :
MSVOA_D
ClientSampleId :
VD0608SBL01

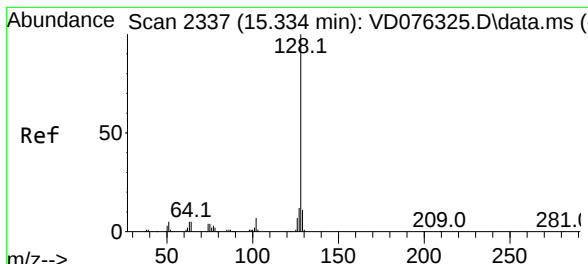
Tgt Ion: 75 Resp: 48562
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.935 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD076371.D
Acq: 08 Jun 2023 14:00

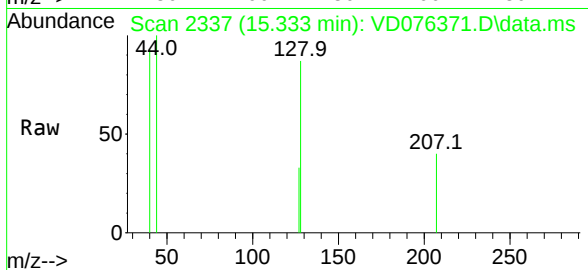
Tgt Ion: 75 Resp: 48562
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 3.605 ug/l
RT: 15.333 min Scan# 21
Delta R.T. -0.001 min
Lab File: VD076371.D
Acq: 08 Jun 2023 14:00

Instrument :
MSVOA_D
ClientSampleId :
VD0608SBL01



Tgt Ion:	128	Resp:	1603
Ion	Ratio	Lower	Upper
128	100		
127	38.3	10.5	15.7#
129	0.0	8.7	13.1#

