

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122321\
 Data File : VD071448.D
 Acq On : 23 Dec 2021 17:41
 Operator : VA/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Dec 24 03:32:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

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

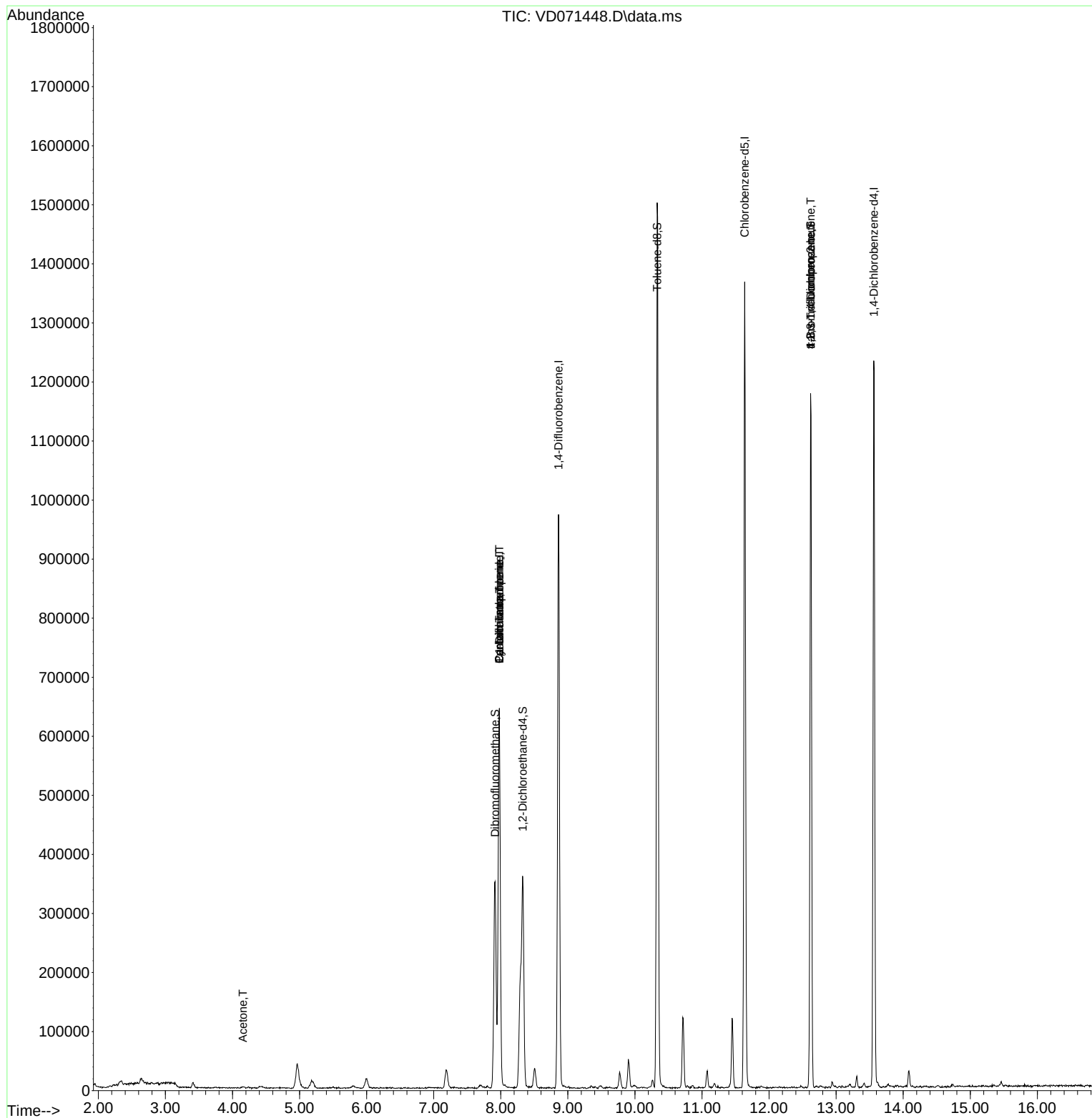
Internal Standards						
1) Pentafluorobenzene	7.979	168	444047	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	782267	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	702632	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	300756	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	270870	45.931	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.860%
35) Dibromofluoromethane	7.914	113	247824	47.138	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.280%
50) Toluene-d8	10.332	98	982055	49.429	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.860%
62) 4-Bromofluorobenzene	12.620	95	316583	44.841	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.680%
Target Compounds						
11) Tert butyl alcohol	5.185	59	12381	Below Cal	#	72
16) Acetone	4.156	43	4390	2.964	ug/l #	71
20) Methylene Chloride	4.973	84	27764	Below Cal	#	89
31) Cyclohexane	7.979	56	14192	1.417	ug/l #	25
36) 1,1-Dichloropropene	7.979	75	41616	4.955	ug/l #	50
38) Carbon Tetrachloride	7.979	117	47511	5.733	ug/l #	18
76) 1,2,3-Trichloropropane	12.620	75	185009	51.772	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.620	75	185009	146.284	ug/l #	19

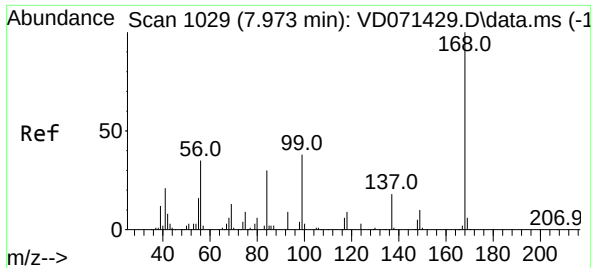
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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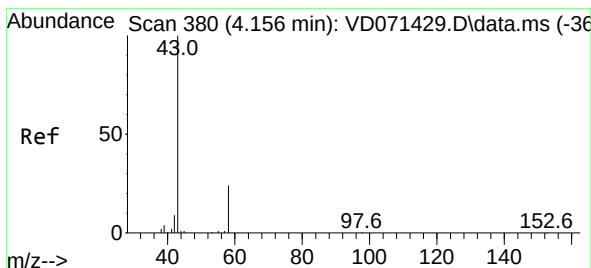
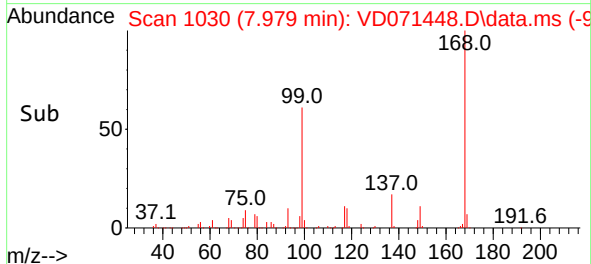
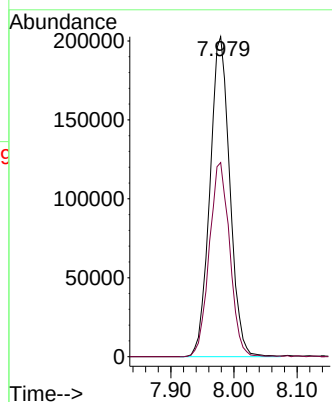
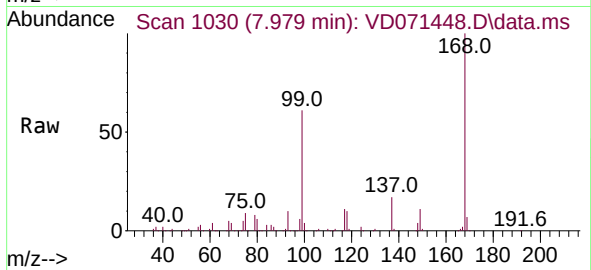




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD071448.D
Acq: 23 Dec 2021 17:41

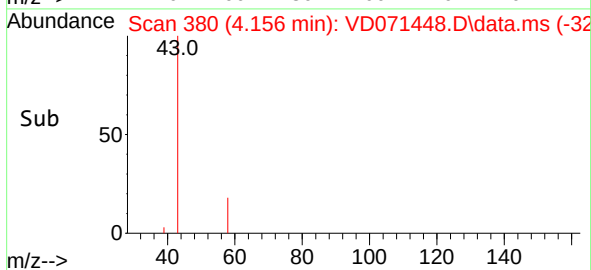
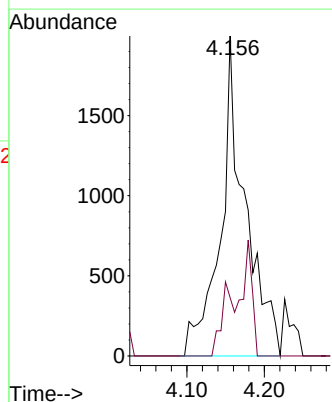
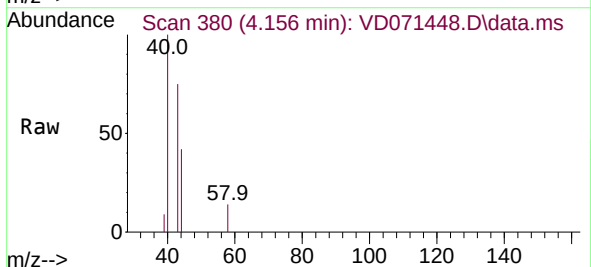
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

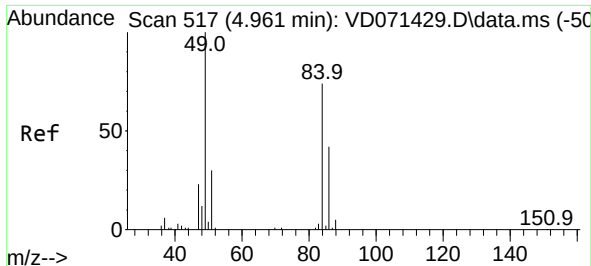
Tgt Ion:168 Resp: 444047
Ion Ratio Lower Upper
168 100
99 60.7 46.6 69.8



#16
Acetone
Concen: 2.964 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD071448.D
Acq: 23 Dec 2021 17:41

Tgt Ion: 43 Resp: 4390
Ion Ratio Lower Upper
43 100
58 18.2 27.8 41.8#

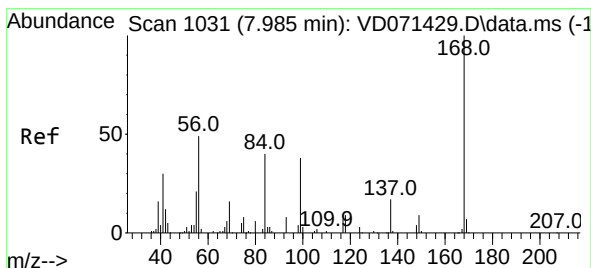
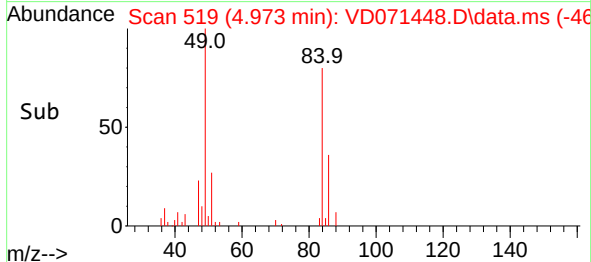
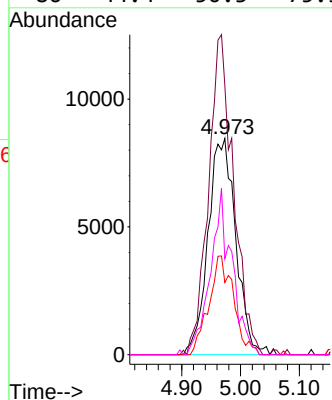
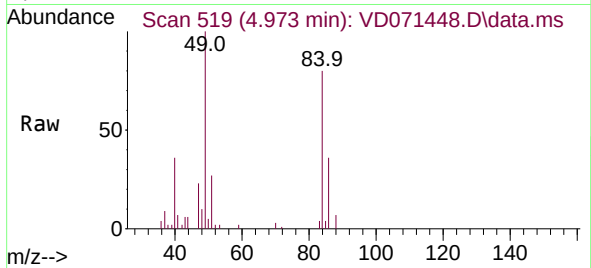




#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 517
Delta R.T. 0.012 min
Lab File: VD071448.D
Acq: 23 Dec 2021 17:41

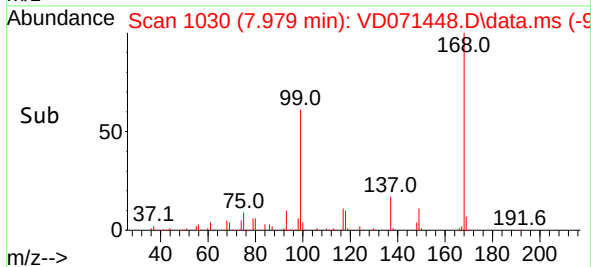
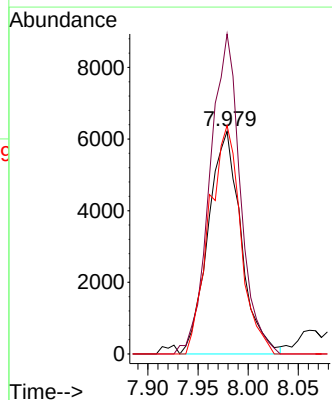
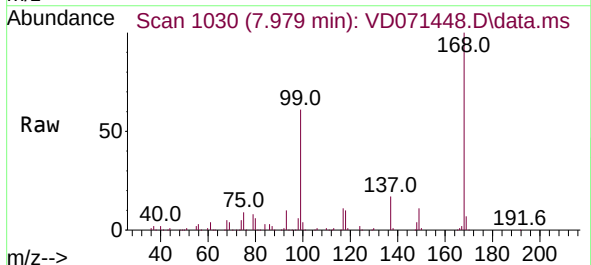
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

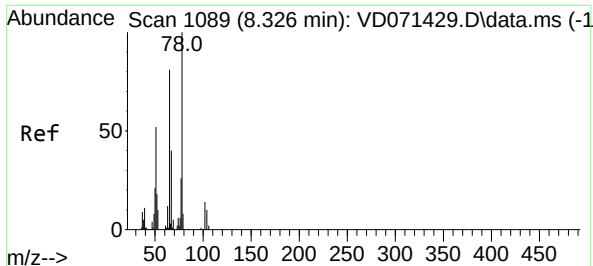
Tgt Ion:	84	Resp:	27764
Ion	Ratio	Lower	Upper
84	100		
49	124.7	95.8	143.6
51	33.4	30.9	46.3
86	44.4	50.3	75.5#



#31
Cyclohexane
Concen: 1.417 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071448.D
Acq: 23 Dec 2021 17:41

Tgt Ion:	56	Resp:	14192
Ion	Ratio	Lower	Upper
56	100		
69	143.8	25.9	38.9#
84	102.7	64.3	96.5#





#33

1,2-Dichloroethane-d4

Concen: 45.931 ug/l

RT: 8.326 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VD071448.D

Acq: 23 Dec 2021 17:41

Instrument :

MSVOA_D

ClientSampleId :

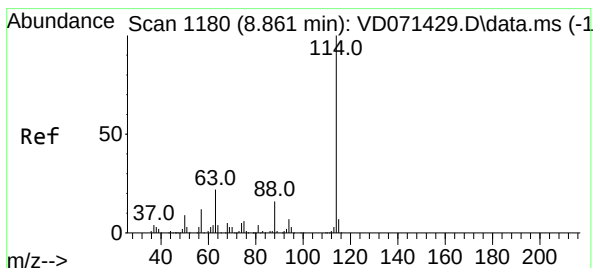
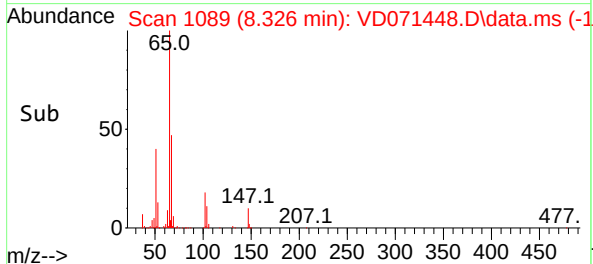
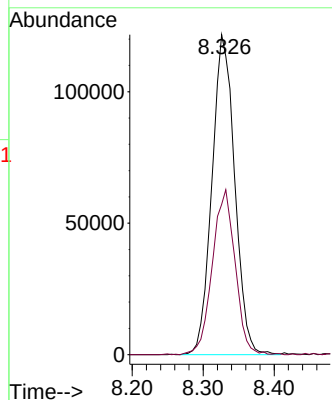
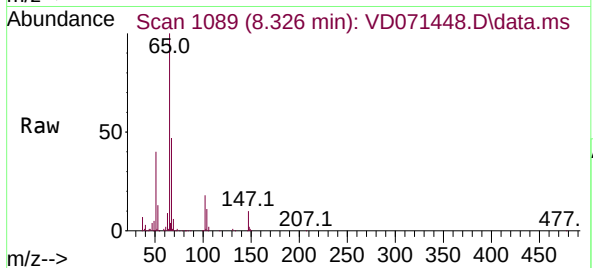
VIBLK

Tgt Ion: 65 Resp: 270870

Ion Ratio Lower Upper

65 100

67 51.6 0.0 112.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071448.D

Acq: 23 Dec 2021 17:41

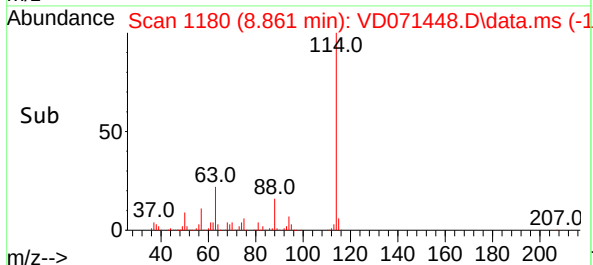
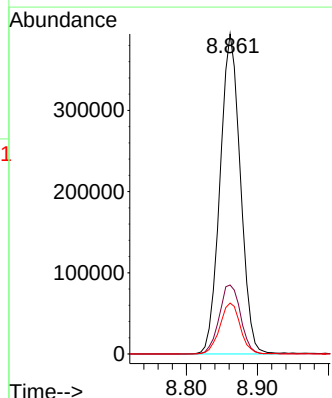
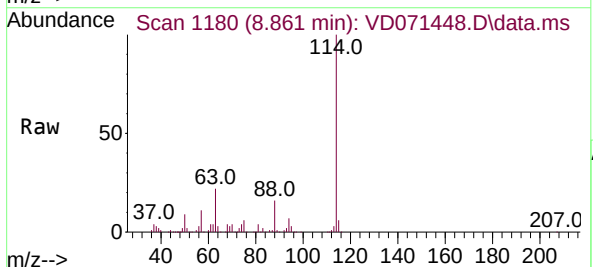
Tgt Ion: 114 Resp: 782267

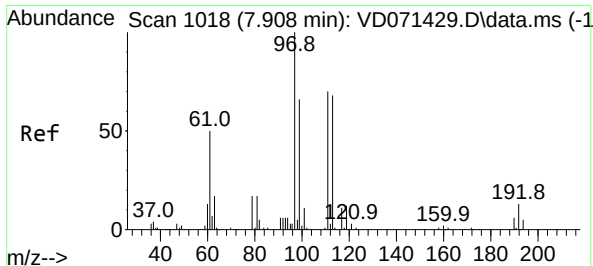
Ion Ratio Lower Upper

114 100

63 21.5 0.0 41.8

88 15.9 0.0 32.8





#35

Dibromofluoromethane

Concen: 47.138 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD071448.D

Acq: 23 Dec 2021 17:41

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

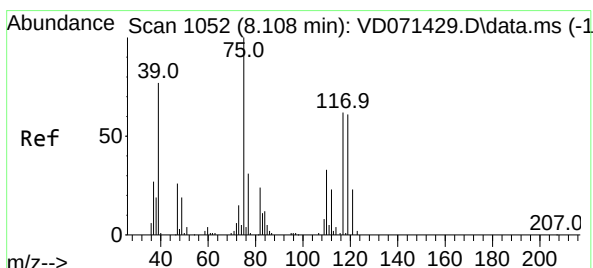
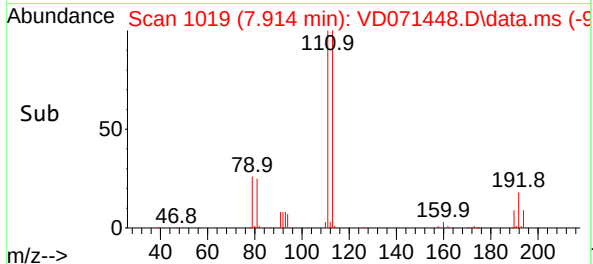
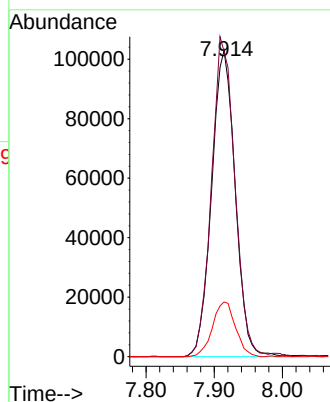
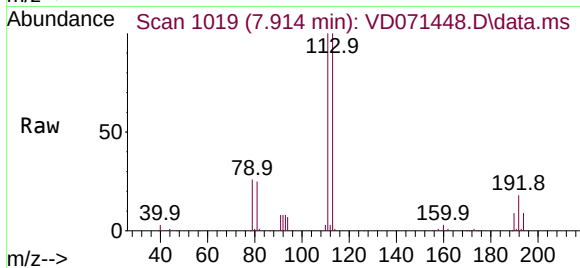
Tgt Ion:113 Resp: 247824

Ion Ratio Lower Upper

113 100

111 103.1 82.0 123.0

192 17.4 15.2 22.8



#36

1,1-Dichloropropene

Concen: 4.955 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.129 min

Lab File: VD071448.D

Acq: 23 Dec 2021 17:41

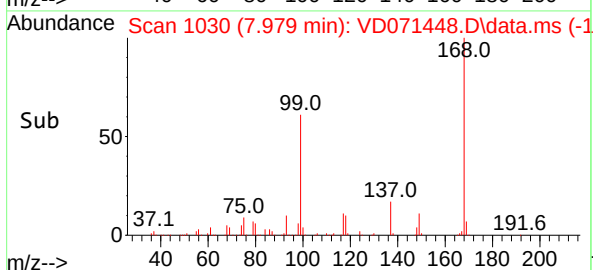
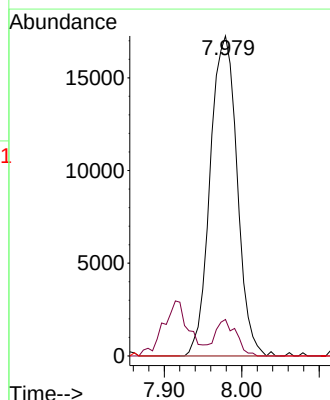
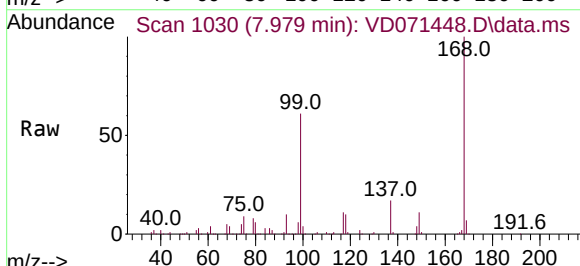
Tgt Ion: 75 Resp: 41616

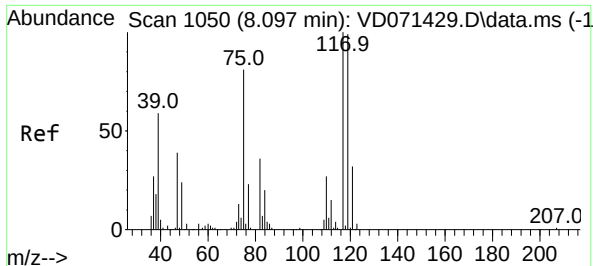
Ion Ratio Lower Upper

75 100

110 9.3 17.8 53.4#

77 0.0 24.8 37.2#

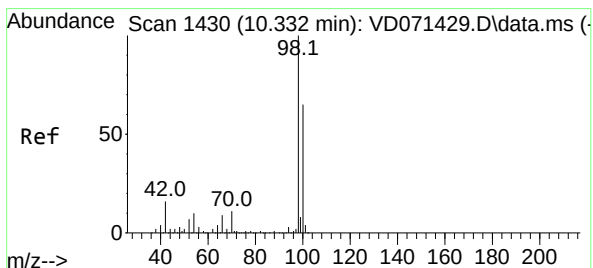
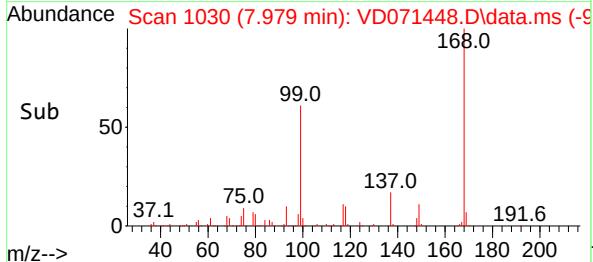
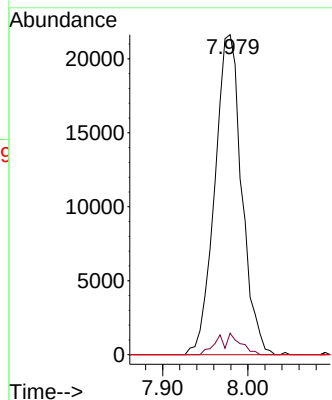
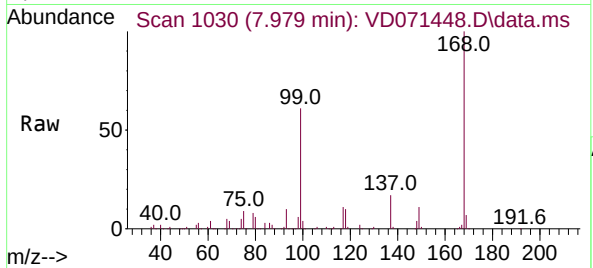




#38
Carbon Tetrachloride
Concen: 5.733 ug/l
RT: 7.979 min Scan# 1050
Delta R.T. -0.118 min
Lab File: VD071448.D
Acq: 23 Dec 2021 17:41

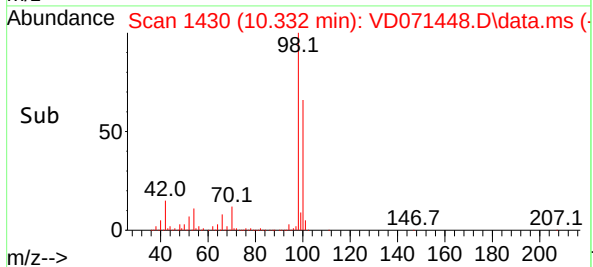
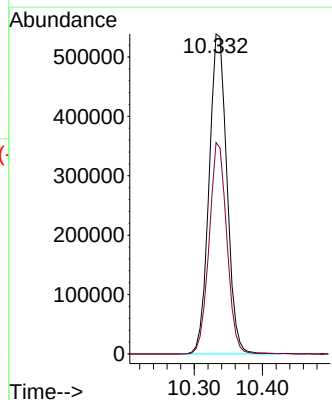
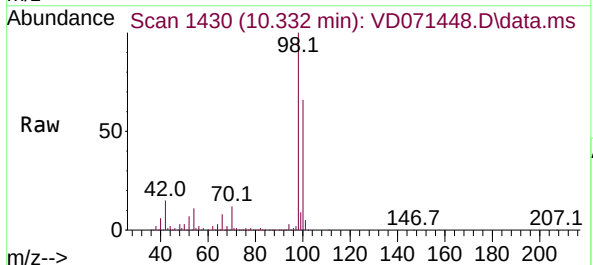
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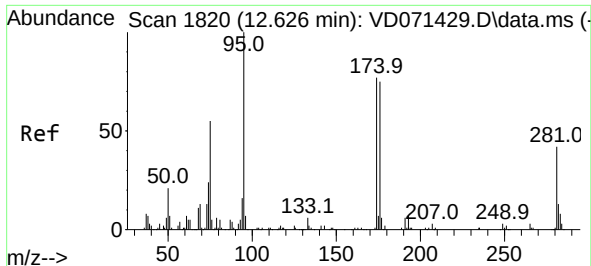
Tgt Ion:117 Resp: 47511
Ion Ratio Lower Upper
117 100
119 6.7 75.8 113.6#
121 0.0 23.6 35.4#



#50
Toluene-d8
Concen: 49.429 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD071448.D
Acq: 23 Dec 2021 17:41

Tgt Ion: 98 Resp: 982055
Ion Ratio Lower Upper
98 100
100 65.4 51.8 77.6

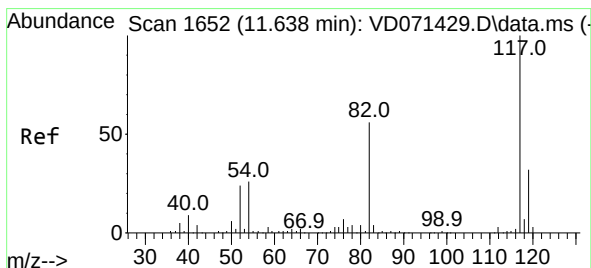
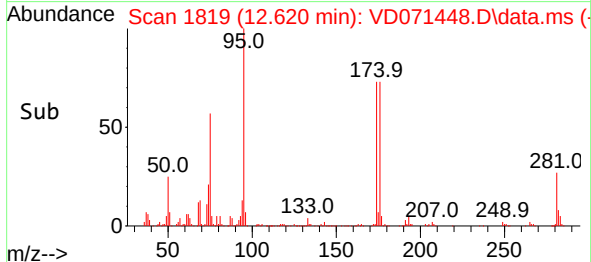
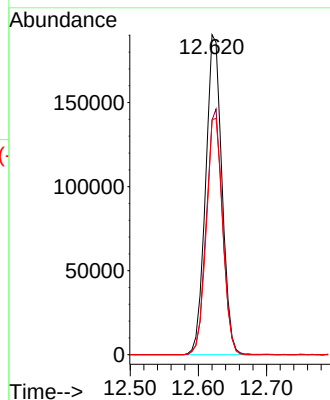
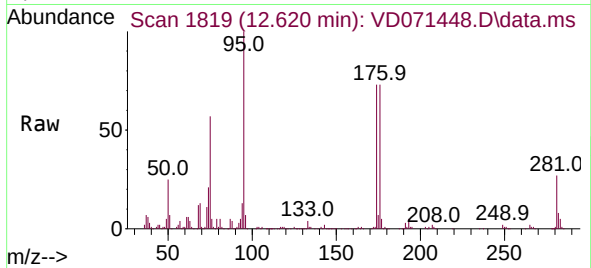




#62
4-Bromofluorobenzene
Concen: 44.841 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071448.D
Acq: 23 Dec 2021 17:41

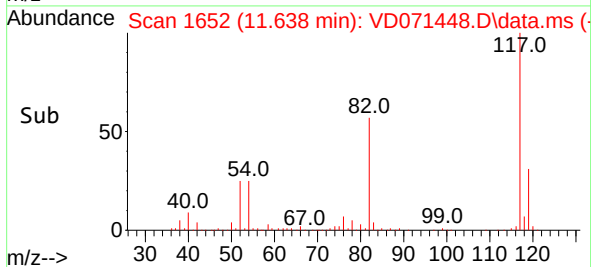
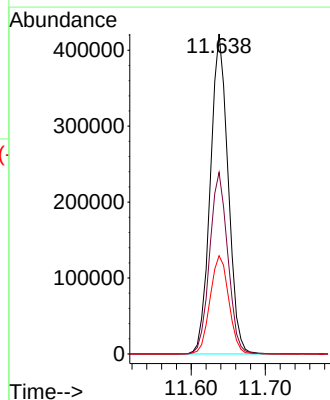
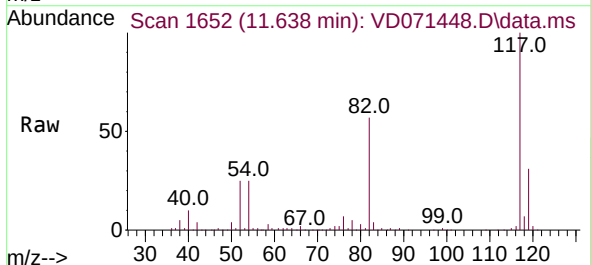
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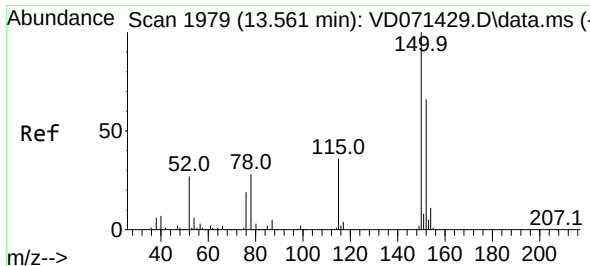
Tgt Ion: 95 Resp: 316583
Ion Ratio Lower Upper
95 100
174 75.7 0.0 159.4
176 74.3 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071448.D
Acq: 23 Dec 2021 17:41

Tgt Ion: 117 Resp: 702632
Ion Ratio Lower Upper
117 100
82 56.7 44.7 67.1
119 30.7 26.2 39.4

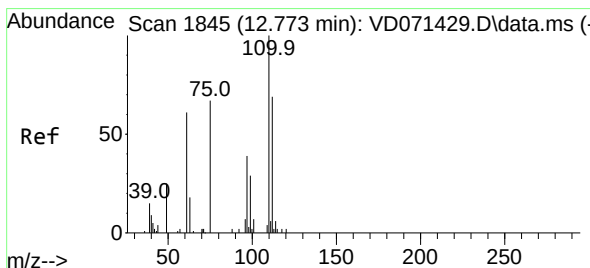
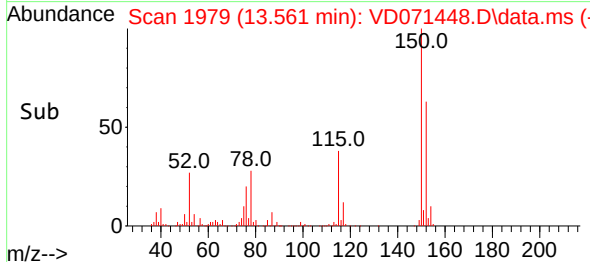
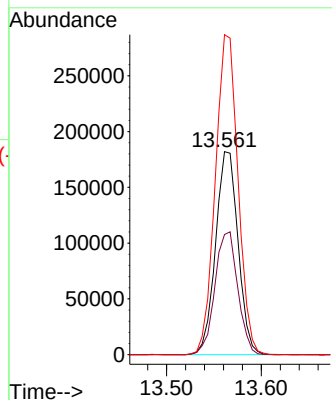
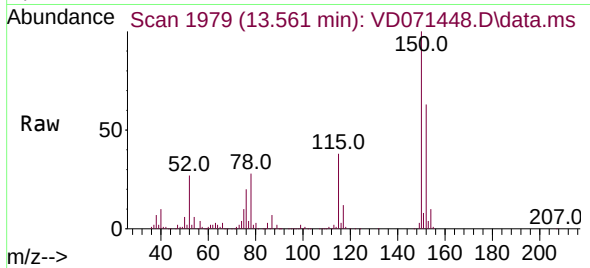




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1819
 Delta R.T. 0.000 min
 Lab File: VD071448.D
 Acq: 23 Dec 2021 17:41

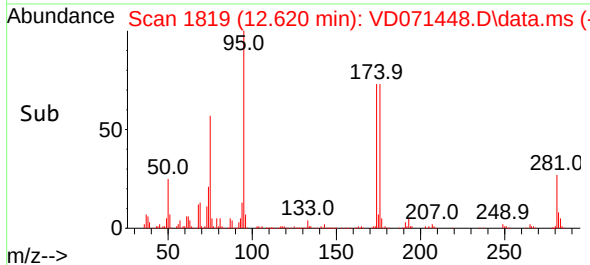
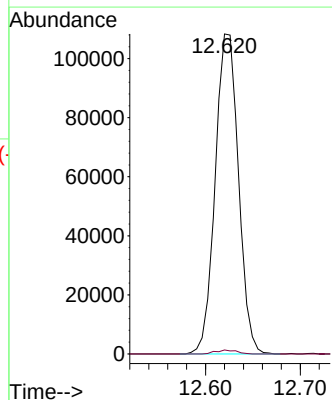
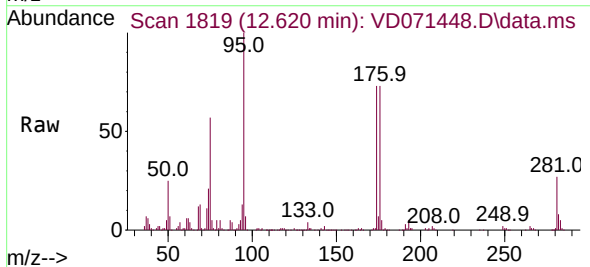
Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

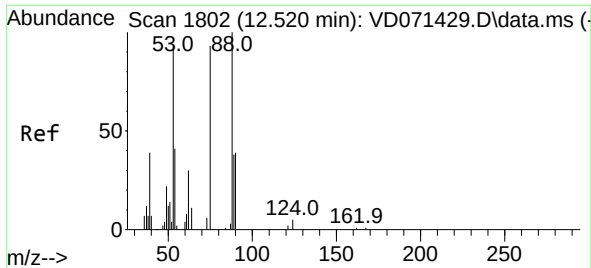
Tgt Ion:152 Resp: 300756
 Ion Ratio Lower Upper
 152 100
 115 61.5 29.8 89.3
 150 158.9 0.0 349.2



#76
 1,2,3-Trichloropropane
 Concen: 51.772 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.153 min
 Lab File: VD071448.D
 Acq: 23 Dec 2021 17:41

Tgt Ion: 75 Resp: 185009
 Ion Ratio Lower Upper
 75 100
 77 1.1 158.4 475.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 146.284 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. 0.100 min
 Lab File: VD071448.D
 Acq: 23 Dec 2021 17:41

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Tgt Ion: 75 Resp: 185009
 Ion Ratio Lower Upper
 75 100
 53 0.1 62.6 94.0#
 89 0.5 34.5 51.7#

