

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021622\
 Data File : VD071995.D
 Acq On : 16 Feb 2022 16:54
 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: Feb 17 00:49:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

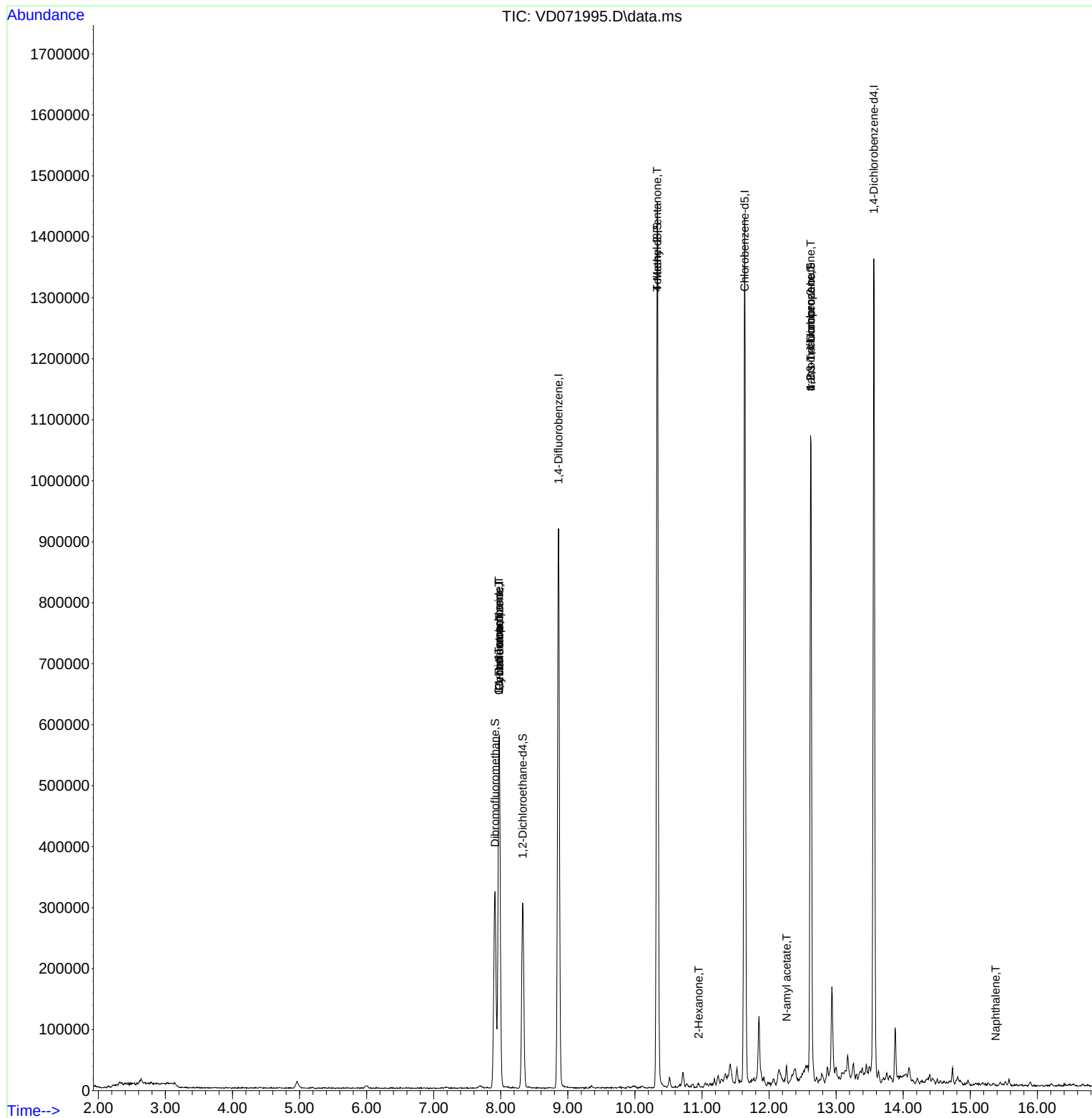
Internal Standards						
1) Pentafluorobenzene	7.979	168	398284	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	720294	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	718656	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	315419	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	241391	47.951	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.900%		
35) Dibromofluoromethane	7.914	113	227427	48.034	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.060%		
50) Toluene-d8	10.332	98	929833	52.585	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	105.160%		
62) 4-Bromofluorobenzene	12.620	95	325640	52.736	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	105.480%		
Target Compounds						
11) Tert butyl alcohol	5.197	59	64	Below Cal	#	74
20) Methylene Chloride	4.962	84	6913	Below Cal		98
31) Cyclohexane	7.979	56	12498	1.300	ug/l #	10
36) 1,1-Dichloropropene	7.973	75	38018	4.678	ug/l #	45
38) Carbon Tetrachloride	7.973	117	44302	5.513	ug/l #	18
51) 4-Methyl-2-Pentanone	10.332	43	5799	1.632	ug/l #	1
59) 2-Hexanone	10.949	43	2926	1.134	ug/l #	27
74) N-amyl acetate	12.261	43	6049	1.007	ug/l #	77
76) 1,2,3-Trichloropropane	12.620	75	188386	56.672	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	188386	139.344	ug/l #	7
95) Naphthalene	15.379	128	1632	1.598	ug/l #	69

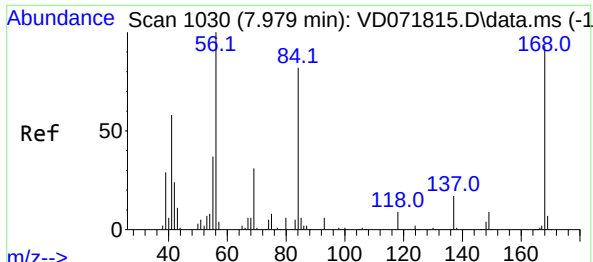
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 17 00:49:59 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 27 06:04:38 2022
Response via : Initial Calibration

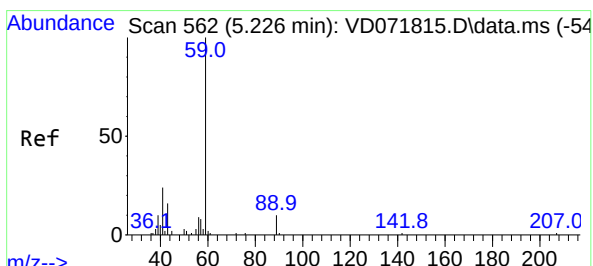
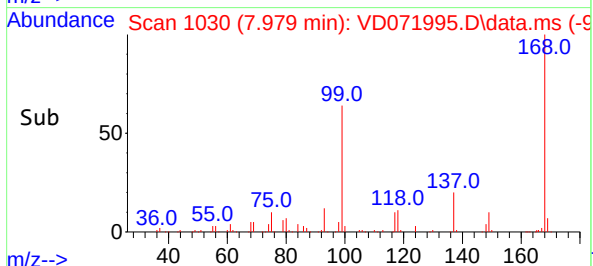
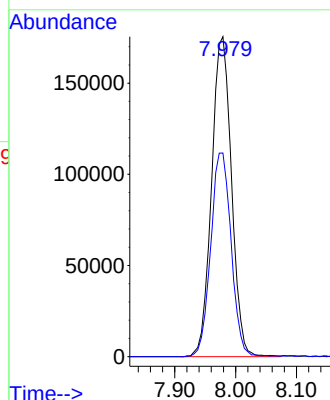
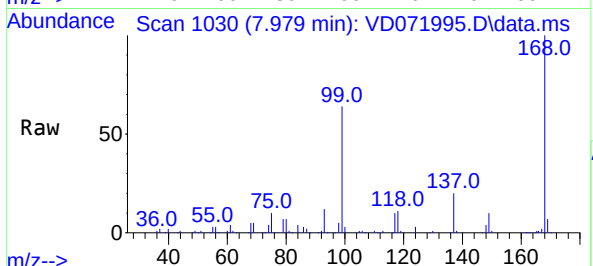




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD071995.D
Acq: 16 Feb 2022 16:54

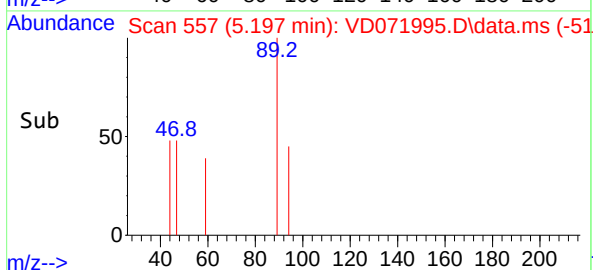
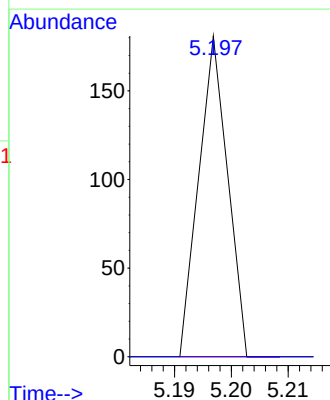
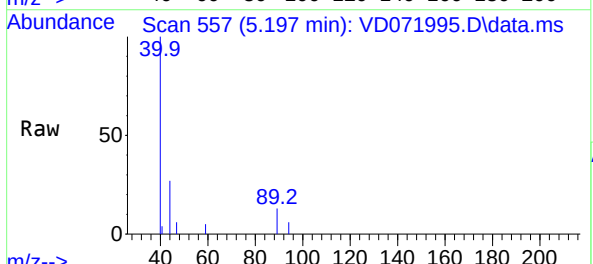
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

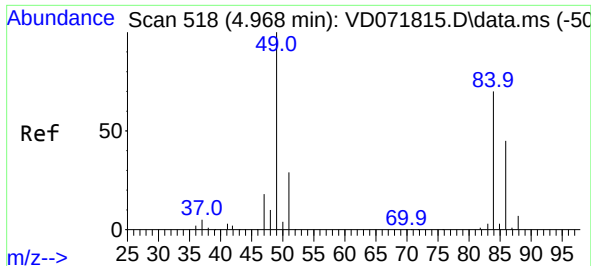
Tgt Ion:168 Resp: 398284
Ion Ratio Lower Upper
168 100
99 63.6 49.8 74.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.197 min Scan# 557
Delta R.T. -0.024 min
Lab File: VD071995.D
Acq: 16 Feb 2022 16:54

Tgt Ion: 59 Resp: 64
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



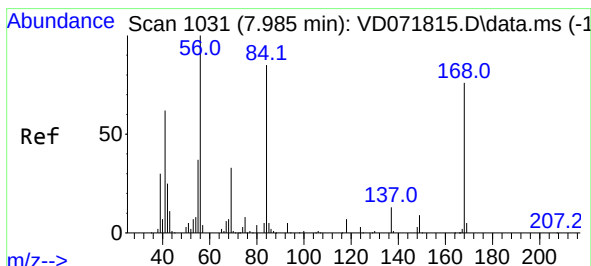
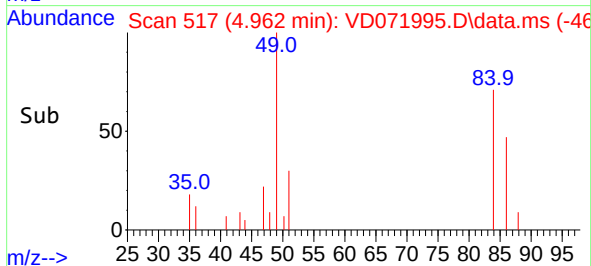
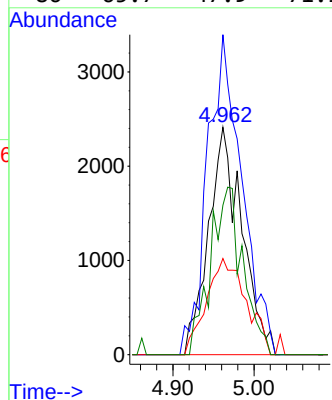
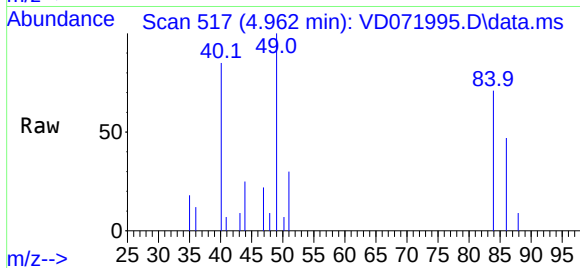


#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD071995.D
Acq: 16 Feb 2022 16:54

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion: 84 Resp: 6913

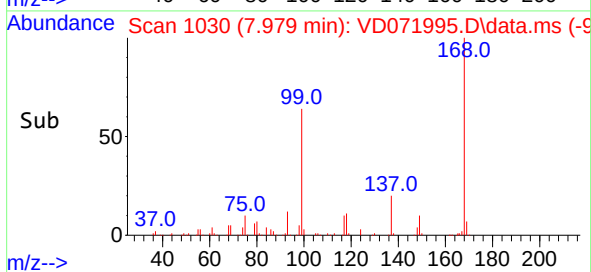
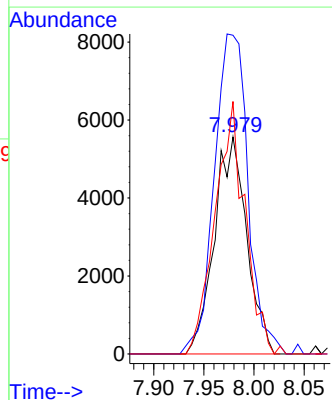
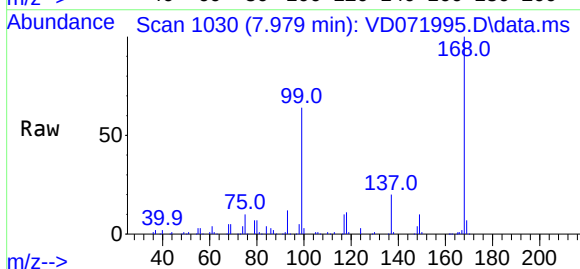
Ion	Ratio	Lower	Upper
84	100		
49	140.7	112.8	169.2
51	42.3	32.6	48.8
86	65.7	47.9	71.9

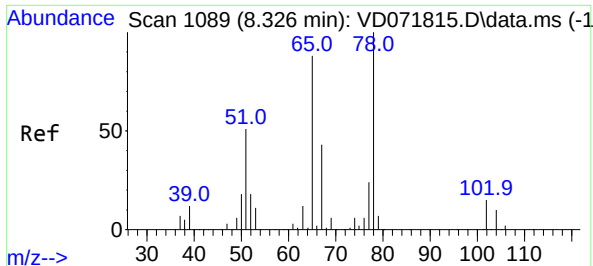


#31
Cyclohexane
Concen: 1.300 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071995.D
Acq: 16 Feb 2022 16:54

Tgt Ion: 56 Resp: 12498

Ion	Ratio	Lower	Upper
56	100		
69	146.9	25.4	38.2#
84	116.4	63.0	94.4#





#33

1,2-Dichloroethane-d4

Concen: 47.951 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD071995.D

Acq: 16 Feb 2022 16:54

Instrument :

MSVOA_D

ClientSampleId :

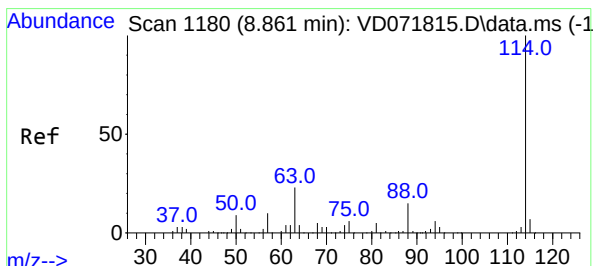
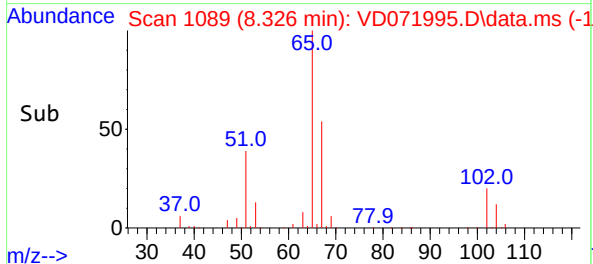
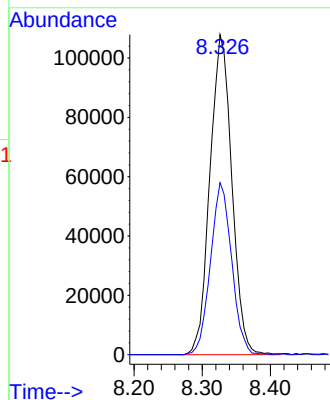
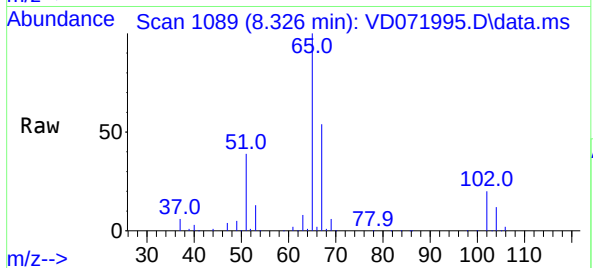
VIBLK

Tgt Ion: 65 Resp: 241391

Ion Ratio Lower Upper

65 100

67 51.9 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD071995.D

Acq: 16 Feb 2022 16:54

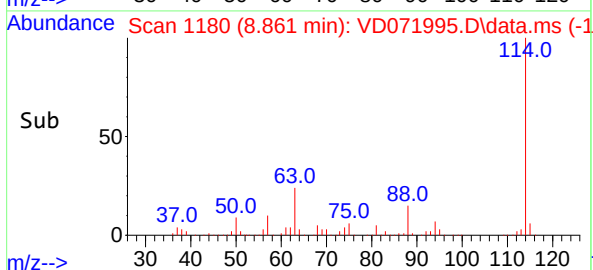
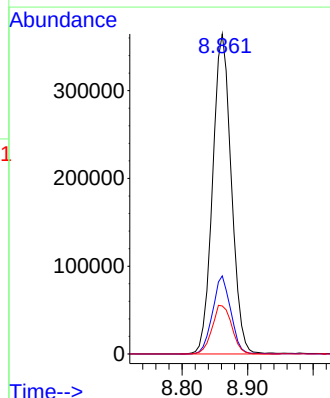
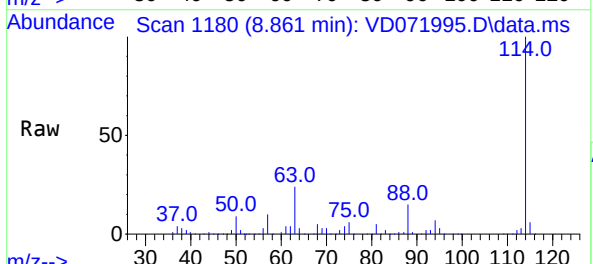
Tgt Ion: 114 Resp: 720294

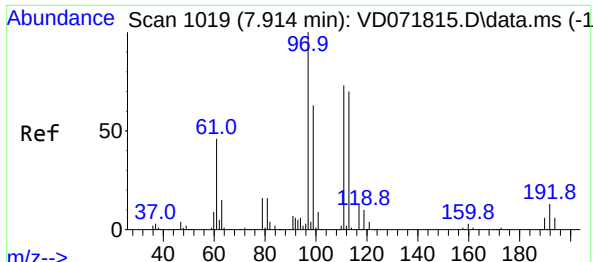
Ion Ratio Lower Upper

114 100

63 24.4 0.0 46.6

88 15.0 0.0 33.2

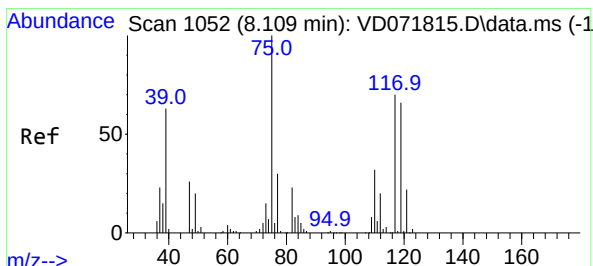
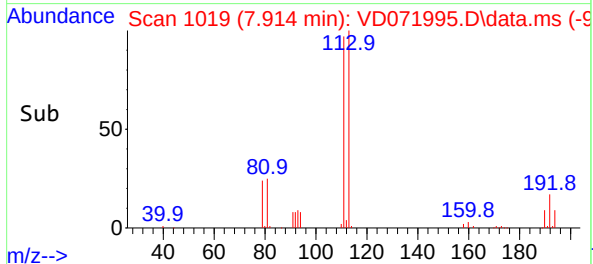
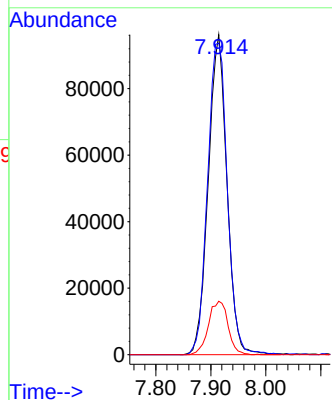
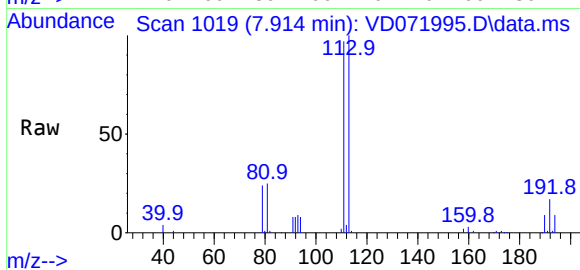




#35
Dibromofluoromethane
Concen: 48.034 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD071995.D
Acq: 16 Feb 2022 16:54

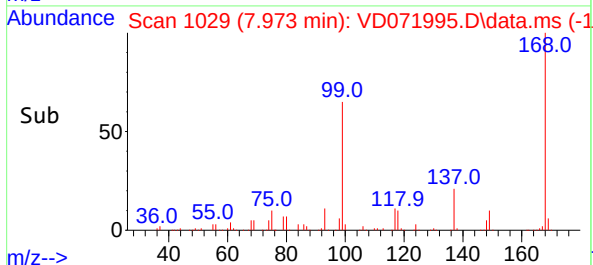
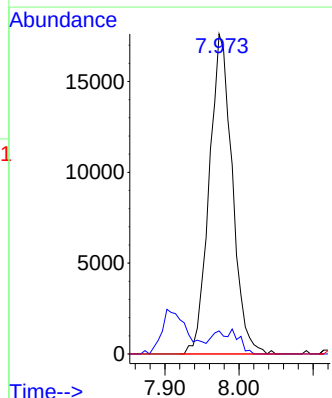
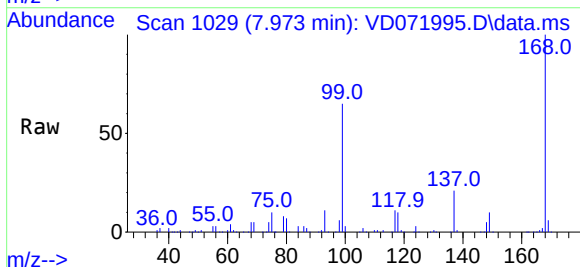
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

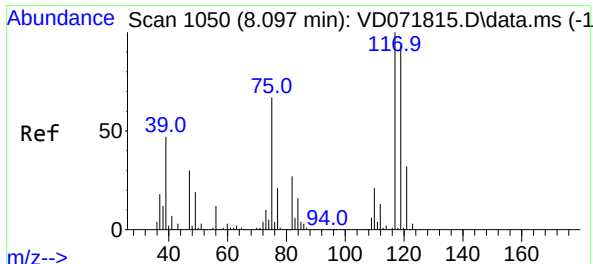
Tgt Ion:113 Resp: 227427
Ion Ratio Lower Upper
113 100
111 103.2 83.8 125.6
192 17.5 14.6 21.8



#36
1,1-Dichloropropene
Concen: 4.678 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.141 min
Lab File: VD071995.D
Acq: 16 Feb 2022 16:54

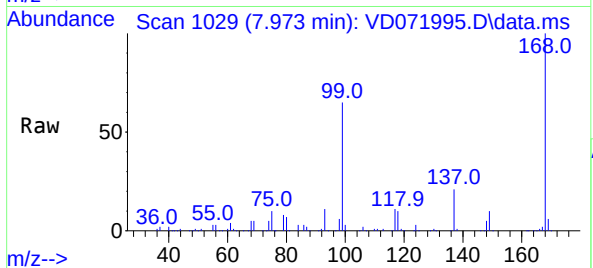
Tgt Ion: 75 Resp: 38018
Ion Ratio Lower Upper
75 100
110 2.1 16.4 49.1#
77 0.0 24.2 36.2#



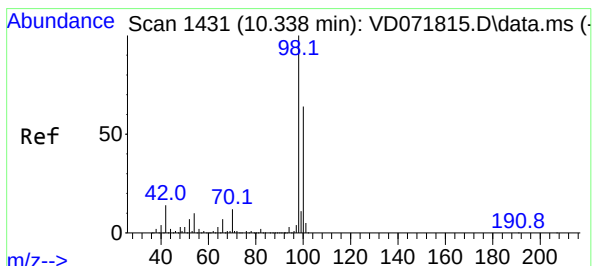
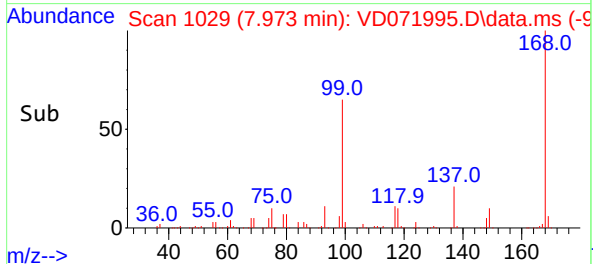
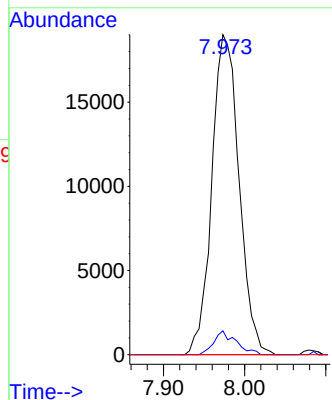


#38
Carbon Tetrachloride
Concen: 5.513 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD071995.D
Acq: 16 Feb 2022 16:54

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

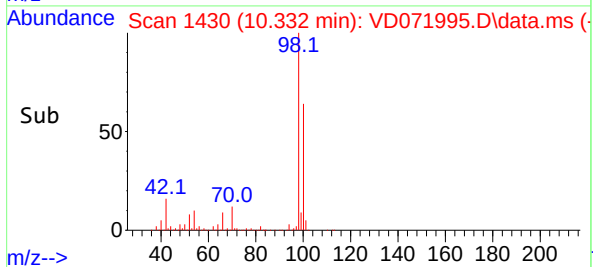
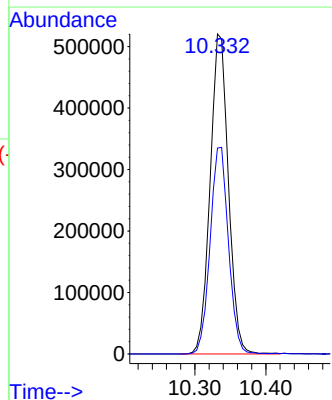
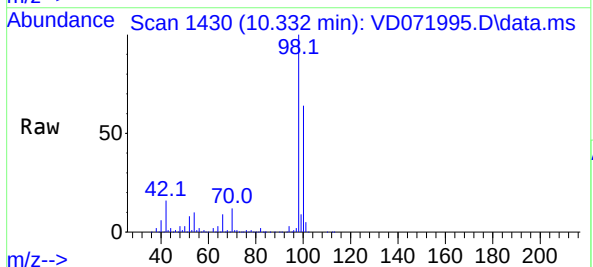


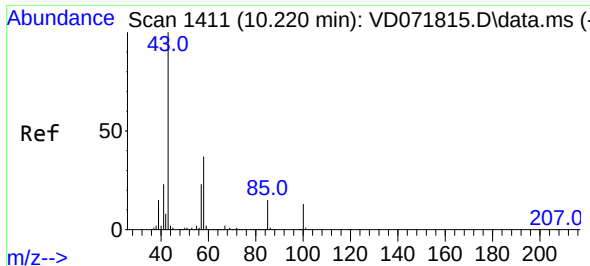
Tgt Ion:117 Resp: 44302
Ion Ratio Lower Upper
117 100
119 7.4 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 52.585 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD071995.D
Acq: 16 Feb 2022 16:54

Tgt Ion: 98 Resp: 929833
Ion Ratio Lower Upper
98 100
100 64.7 52.4 78.6

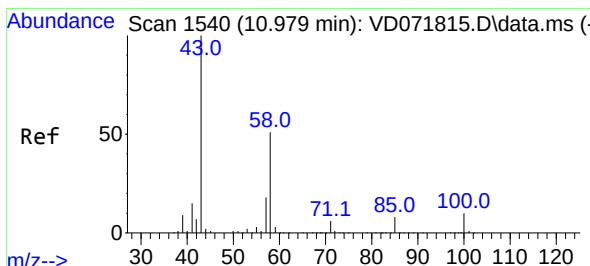
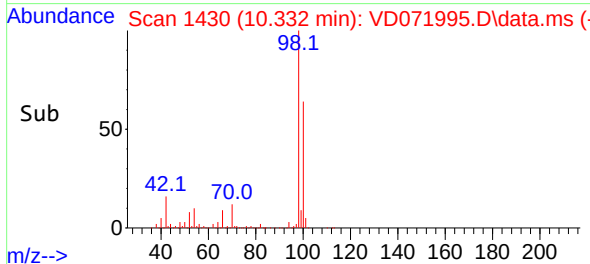
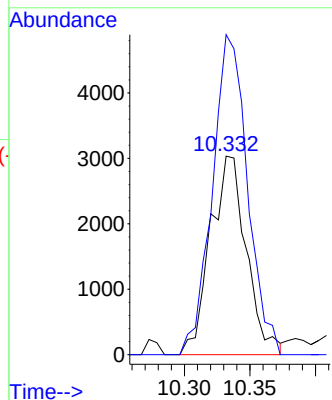
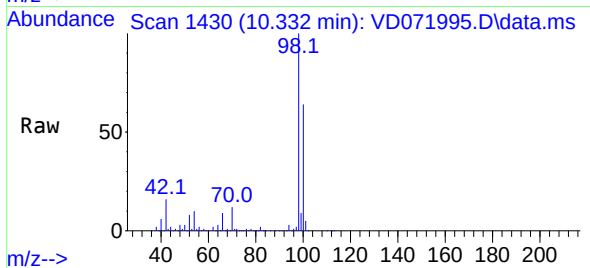




#51
4-Methyl-2-Pentanone
Concen: 1.632 ug/l
RT: 10.332 min Scan# 1411
Delta R.T. 0.106 min
Lab File: VD071995.D
Acq: 16 Feb 2022 16:54

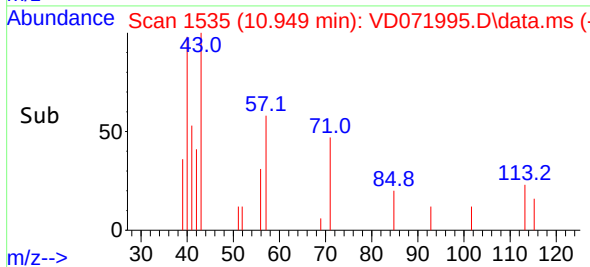
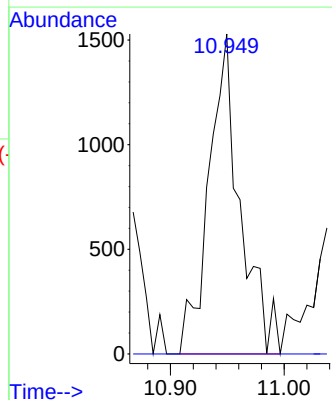
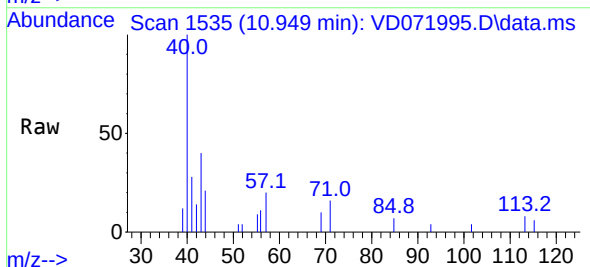
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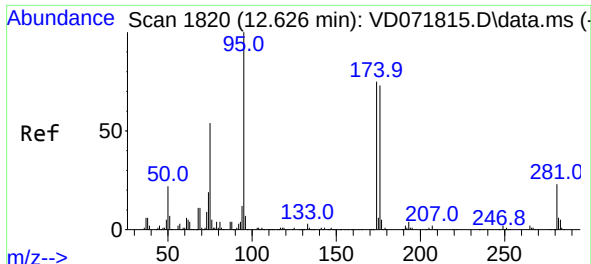
Tgt Ion: 43 Resp: 5799
Ion Ratio Lower Upper
43 100
58 157.4 28.6 43.0#



#59
2-Hexanone
Concen: 1.134 ug/l
RT: 10.949 min Scan# 1535
Delta R.T. -0.029 min
Lab File: VD071995.D
Acq: 16 Feb 2022 16:54

Tgt Ion: 43 Resp: 2926
Ion Ratio Lower Upper
43 100
58 0.0 25.3 75.9#

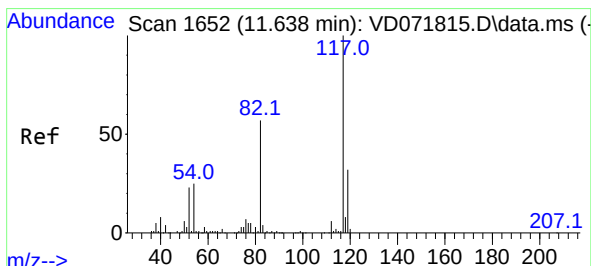
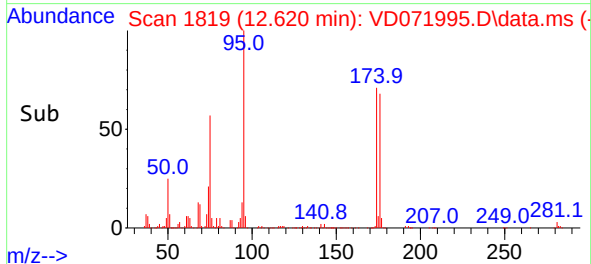
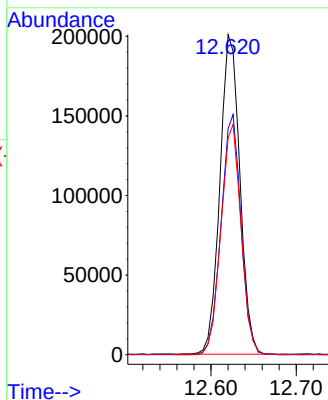
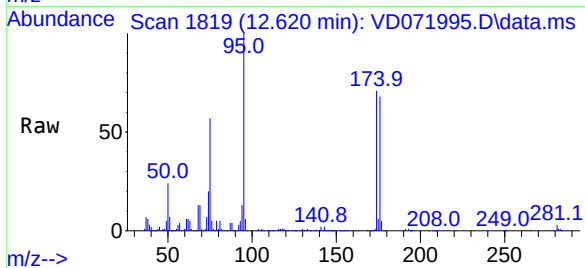




#62
4-Bromofluorobenzene
Concen: 52.736 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071995.D
Acq: 16 Feb 2022 16:54

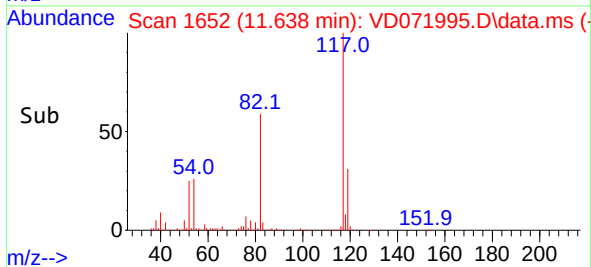
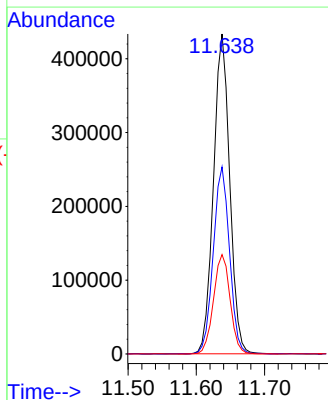
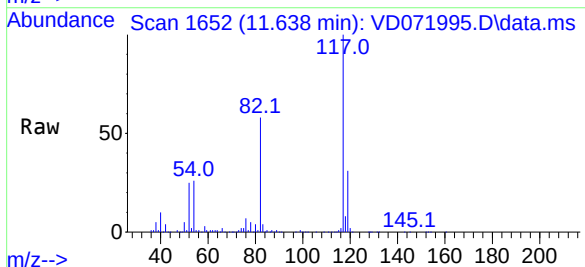
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

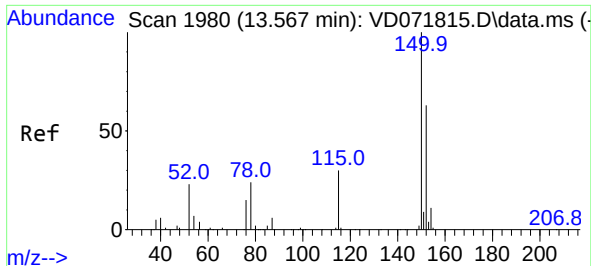
Tgt Ion: 95 Resp: 325640
Ion Ratio Lower Upper
95 100
174 75.2 0.0 152.8
176 72.3 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071995.D
Acq: 16 Feb 2022 16:54

Tgt Ion: 117 Resp: 718656
Ion Ratio Lower Upper
117 100
82 58.4 45.3 67.9
119 31.1 26.6 40.0

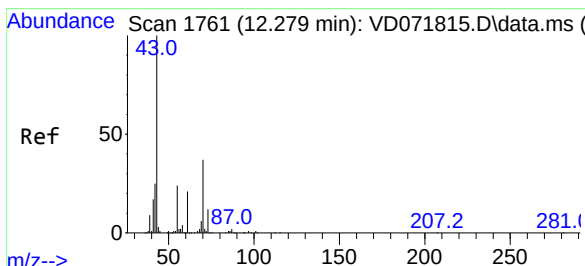
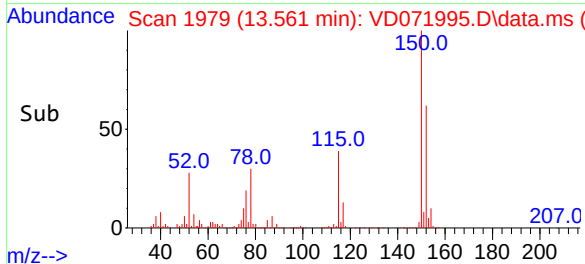
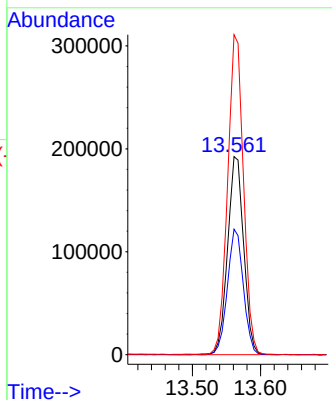
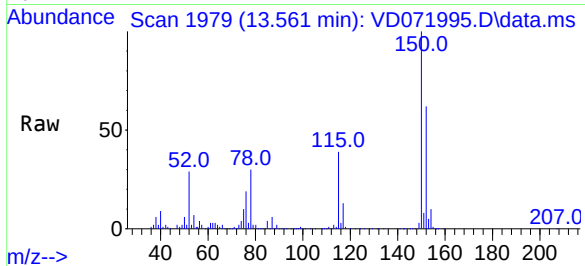




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1980
Delta R.T. -0.006 min
Lab File: VD071995.D
Acq: 16 Feb 2022 16:54

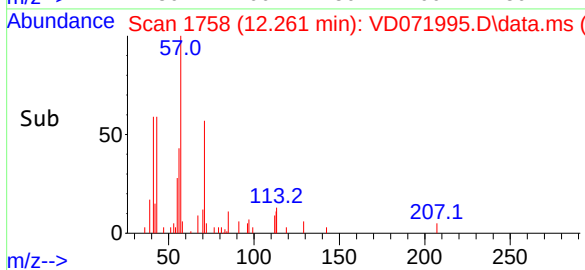
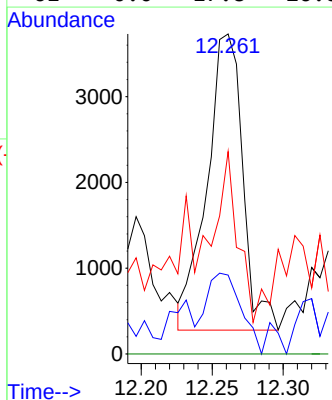
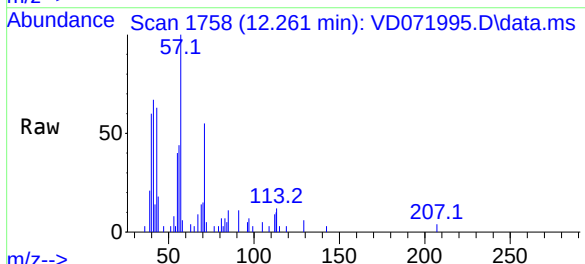
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

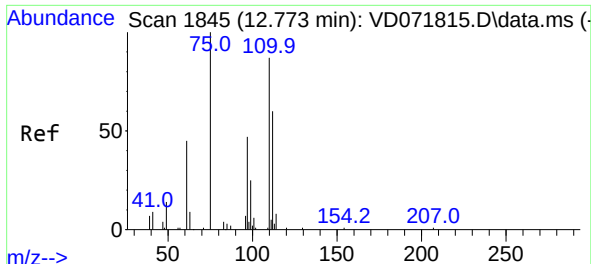
Tgt Ion:152 Resp: 315419
Ion Ratio Lower Upper
152 100
115 62.8 31.3 93.8
150 159.2 0.0 348.6



#74
N-ethyl acetate
Concen: 1.007 ug/l
RT: 12.261 min Scan# 1758
Delta R.T. -0.018 min
Lab File: VD071995.D
Acq: 16 Feb 2022 16:54

Tgt Ion: 43 Resp: 6049
Ion Ratio Lower Upper
43 100
70 26.7 31.3 46.9#
55 28.8 20.0 30.0
61 0.0 17.8 26.8#

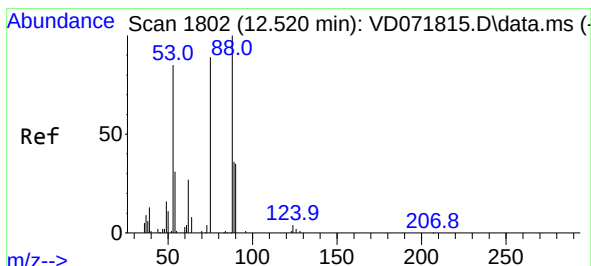
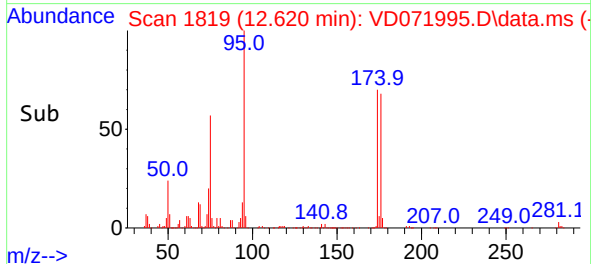
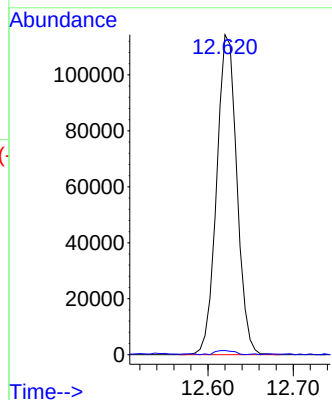
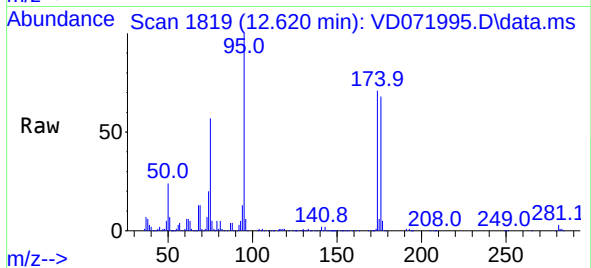




#76
1,2,3-Trichloropropane
Concen: 56.672 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD071995.D
Acq: 16 Feb 2022 16:54

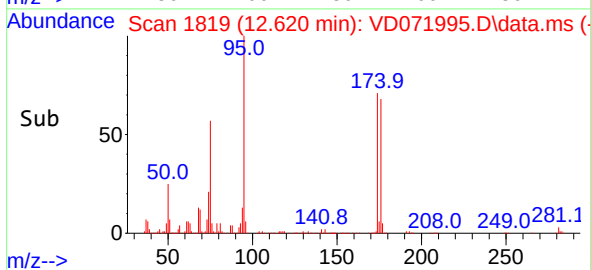
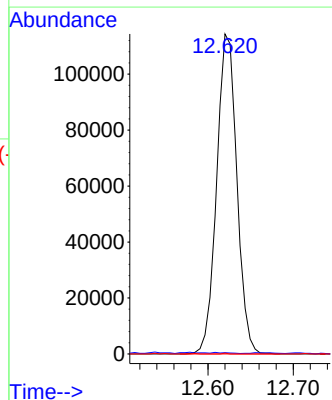
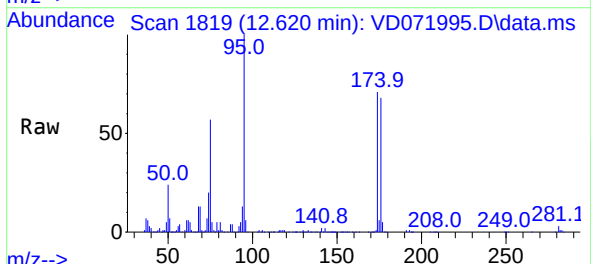
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

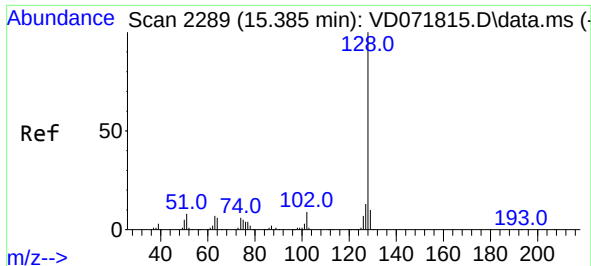
Tgt Ion: 75 Resp: 188386
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 139.344 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD071995.D
Acq: 16 Feb 2022 16:54

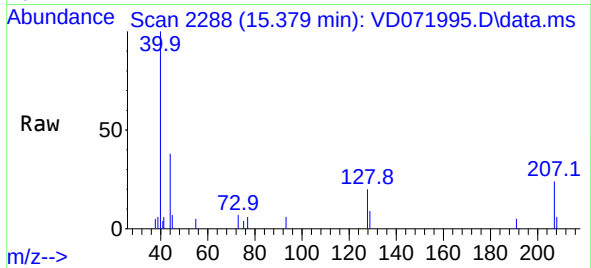
Tgt Ion: 75 Resp: 188386
Ion Ratio Lower Upper
75 100
53 0.2 86.5 129.7#
89 0.0 33.9 50.9#





#95
Naphthalene
Concen: 1.598 ug/l
RT: 15.379 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD071995.D
Acq: 16 Feb 2022 16:54

Instrument :
MSVOA_D
ClientSampleId :
VIBLK



Tgt Ion:	128	Resp:	1632
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	21.1	8.4	12.6#

