

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122721\
 Data File : VD071487.D
 Acq On : 27 Dec 2021 16:11
 Operator : VA/SY
 Sample : M5182-02RE
 Misc : 4.53G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BLIND-DUPPLICATE

Quant Time: Dec 27 16:49:53 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)

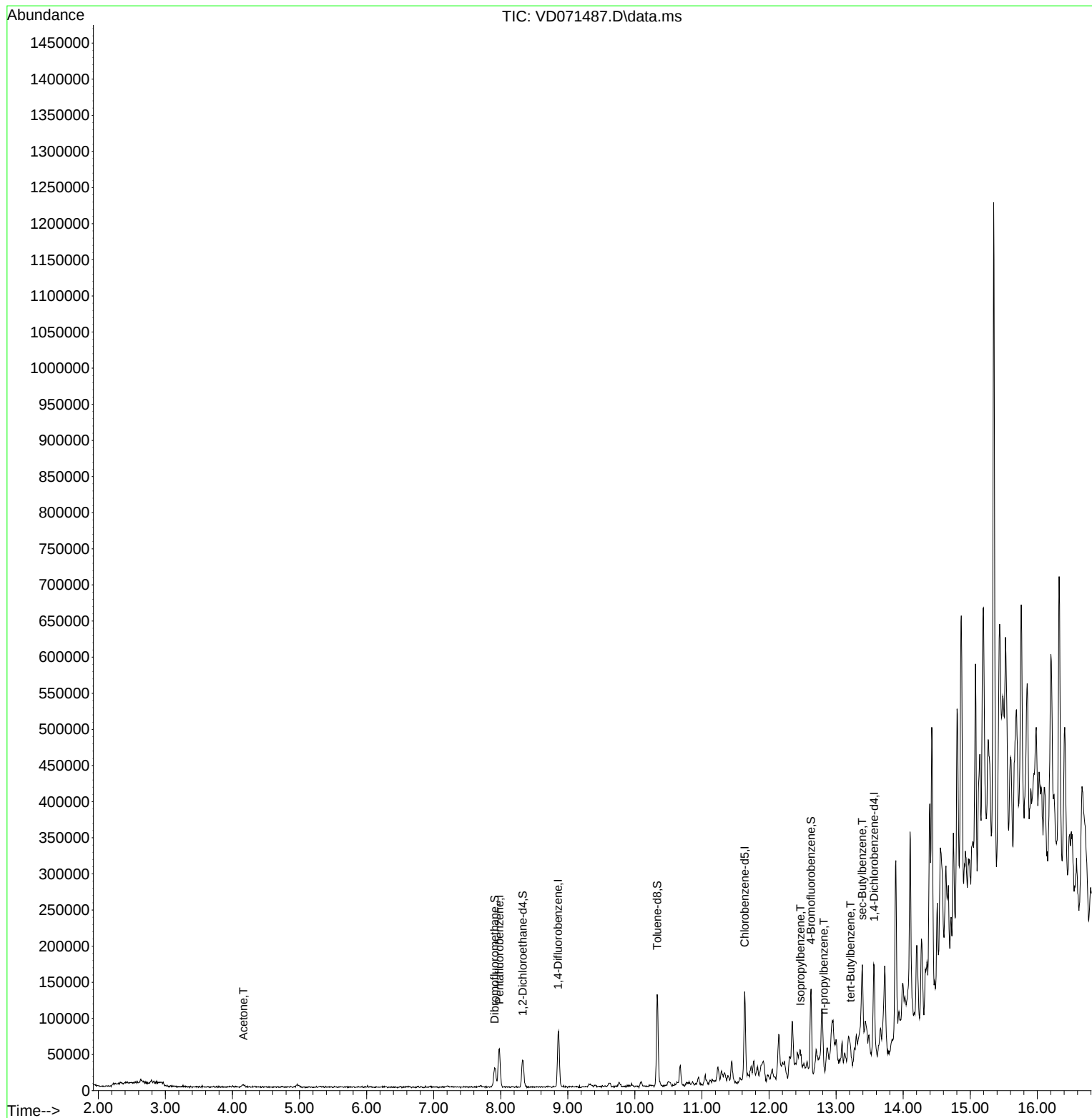
Internal Standards						
1) Pentafluorobenzene	7.979	168	37160	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	60715	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	63544	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	33583	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	30356	61.510	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.020%
35) Dibromofluoromethane	7.909	113	20728	50.797	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.600%
50) Toluene-d8	10.332	98	77975	50.566	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.140%
62) 4-Bromofluorobenzene	12.626	95	33149	60.495	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	121.000%
Target Compounds						
					Qvalue	
16) Acetone	4.162	43	6482	52.291	ug/l #	85
73) Isopropylbenzene	12.467	105	11059	4.271	ug/l	98
78) n-propylbenzene	12.814	91	8951	2.758	ug/l	94
83) tert-Butylbenzene	13.214	119	7790	4.269	ug/l	81
85) sec-Butylbenzene	13.391	105	50431	18.128	ug/l	84

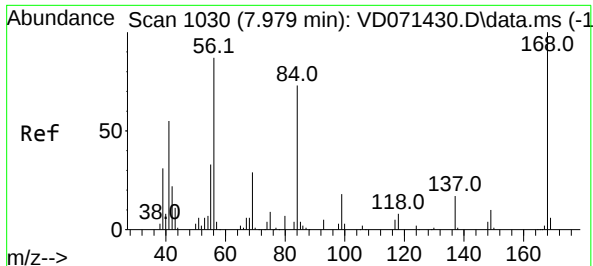
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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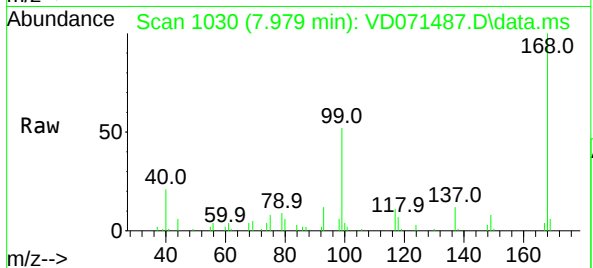
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D12221S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 23 08:20:24 2021
Response via : Initial Calibration



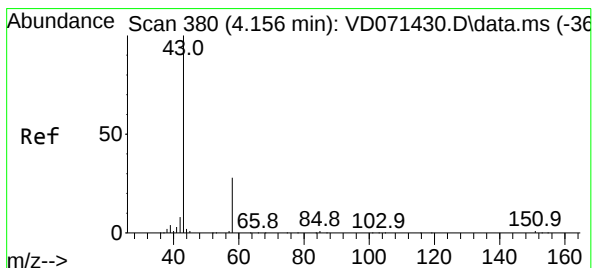
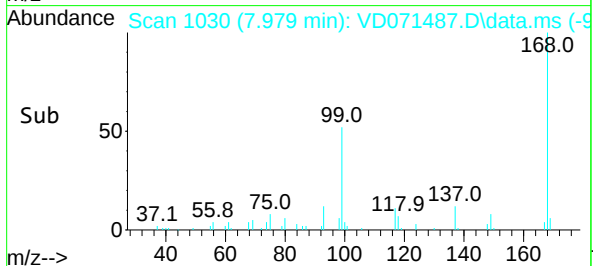
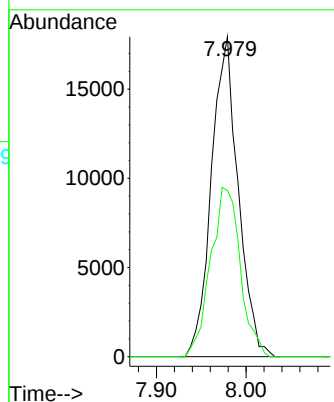


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071487.D
Acq: 27 Dec 2021 16:11

Instrument :
MSVOA_D
ClientSampleId :
BLIND-DUPPLICATE

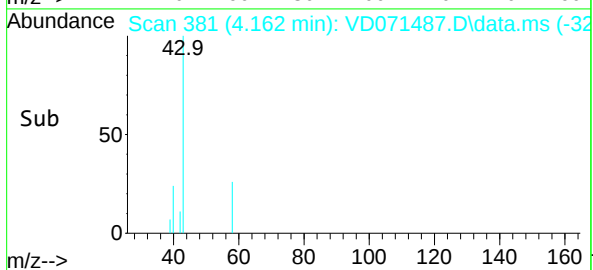
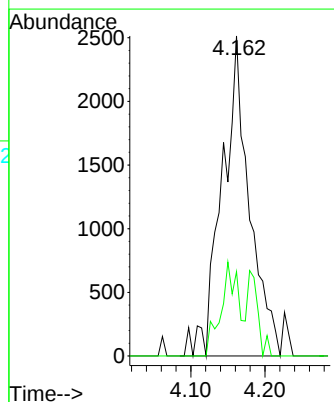
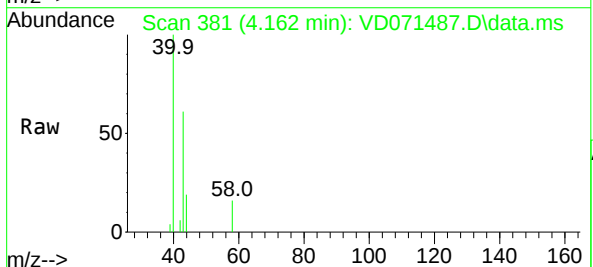


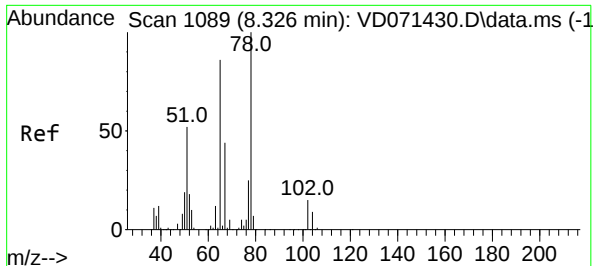
Tgt Ion:168 Resp: 37160
Ion Ratio Lower Upper
168 100
99 51.9 46.6 69.8



#16
Acetone
Concen: 52.291 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD071487.D
Acq: 27 Dec 2021 16:11

Tgt Ion: 43 Resp: 6482
Ion Ratio Lower Upper
43 100
58 26.4 27.8 41.8#





#33

1,2-Dichloroethane-d4

Concen: 61.510 ug/l

RT: 8.326 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VD071487.D

Acq: 27 Dec 2021 16:11

Instrument :

MSVOA_D

ClientSampleId :

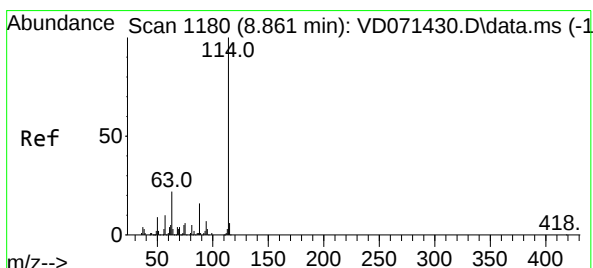
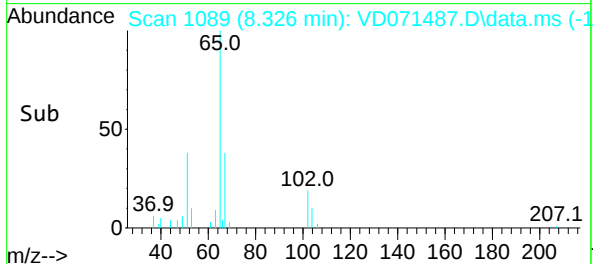
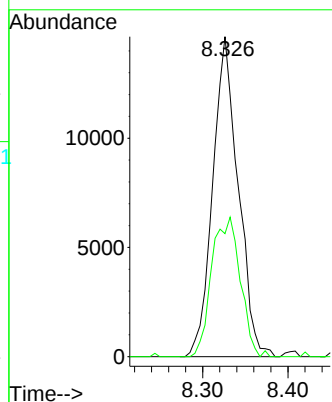
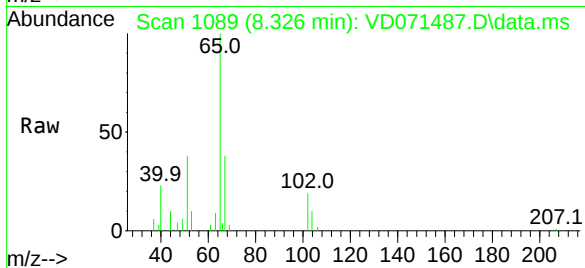
BLIND-DUPPLICATE

Tgt Ion: 65 Resp: 30356

Ion Ratio Lower Upper

65 100

67 48.9 0.0 112.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. -0.005 min

Lab File: VD071487.D

Acq: 27 Dec 2021 16:11

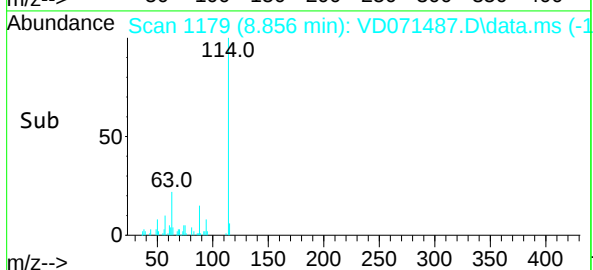
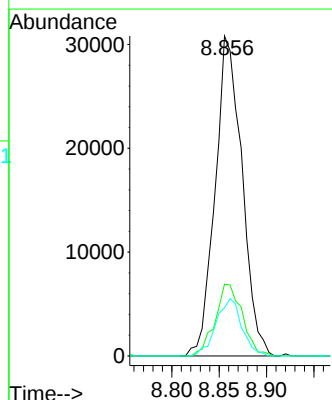
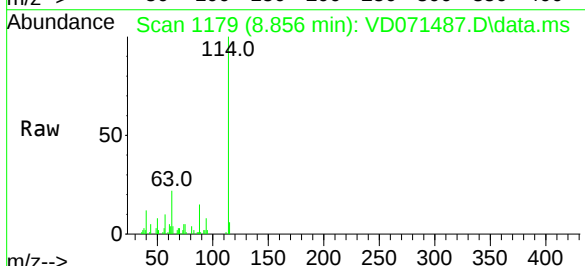
Tgt Ion: 114 Resp: 60715

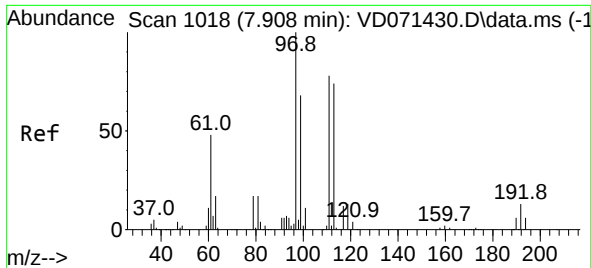
Ion Ratio Lower Upper

114 100

63 22.4 0.0 41.8

88 15.1 0.0 32.8

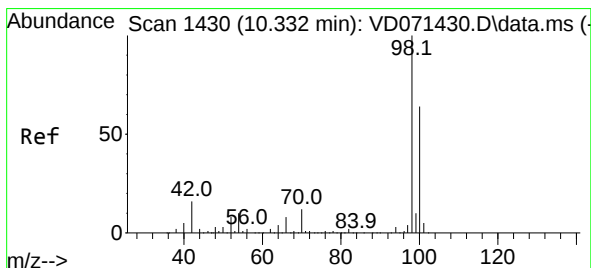
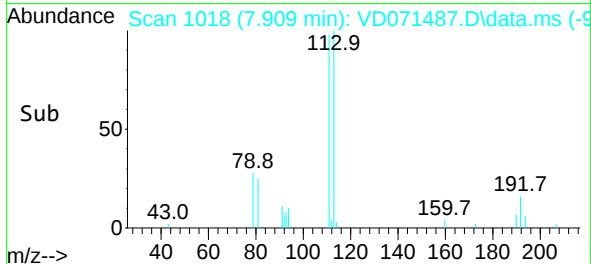
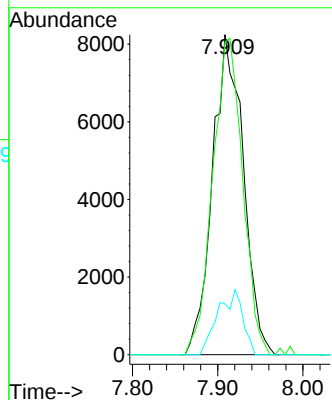
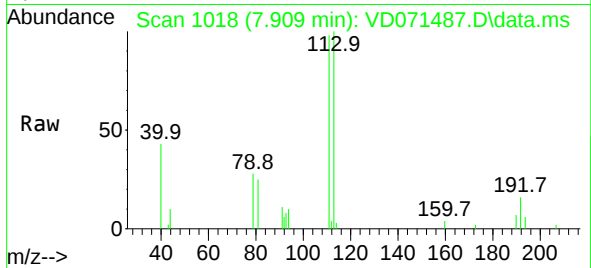




#35
Dibromofluoromethane
Concen: 50.797 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. 0.001 min
Lab File: VD071487.D
Acq: 27 Dec 2021 16:11

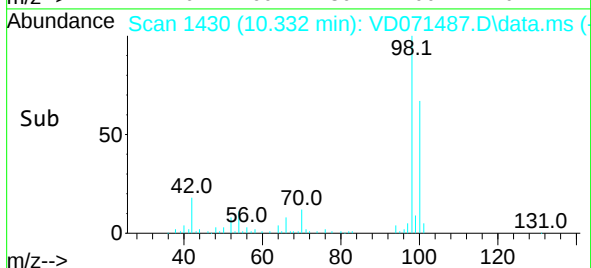
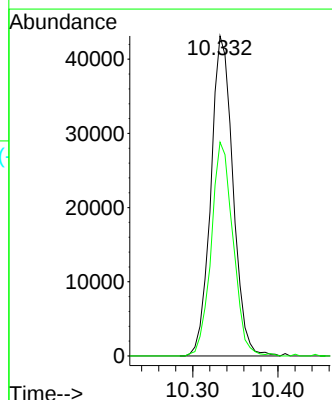
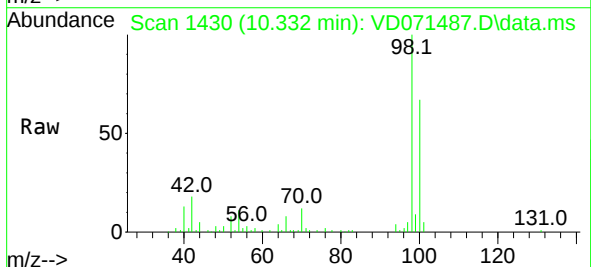
Instrument :
MSVOA_D
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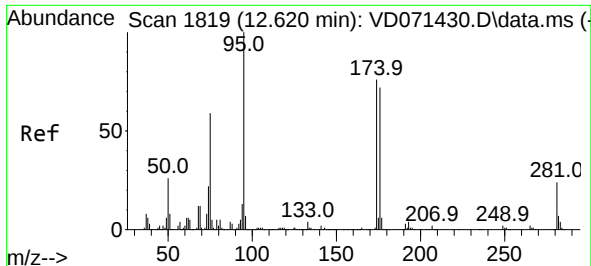
Tgt Ion:113 Resp: 20728
Ion Ratio Lower Upper
113 100
111 96.1 82.0 123.0
192 16.4 15.2 22.8



#50
Toluene-d8
Concen: 50.566 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD071487.D
Acq: 27 Dec 2021 16:11

Tgt Ion: 98 Resp: 77975
Ion Ratio Lower Upper
98 100
100 65.9 51.8 77.6

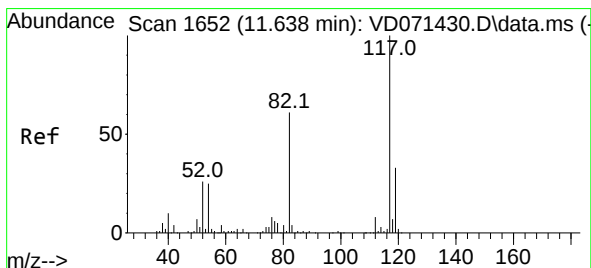
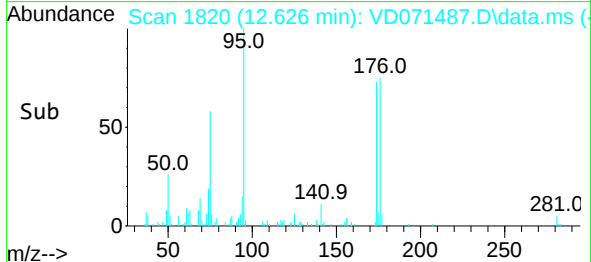
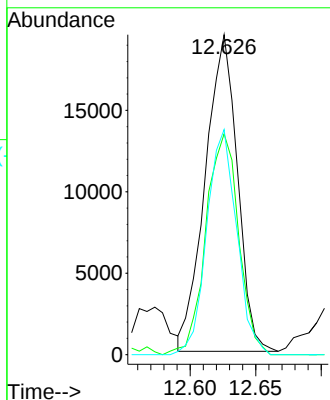
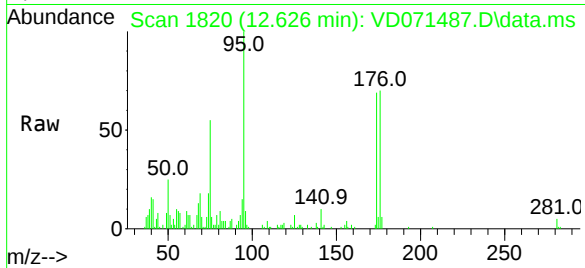




#62
4-Bromofluorobenzene
Concen: 60.495 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071487.D
Acq: 27 Dec 2021 16:11

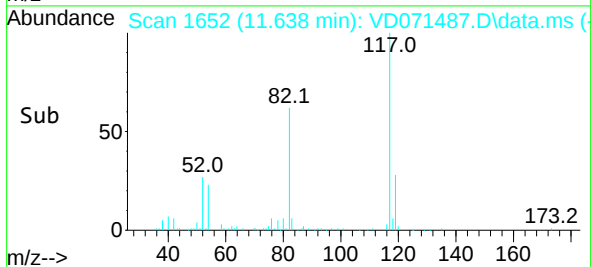
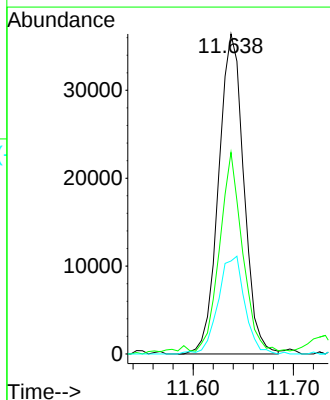
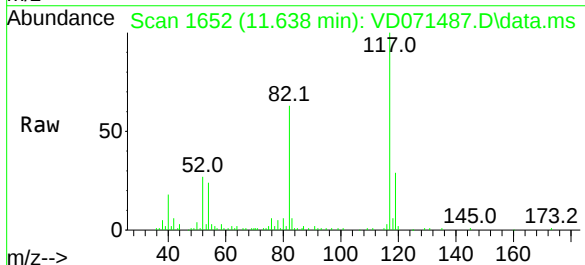
Instrument :
MSVOA_D
ClientSampleId :
BLIND-DUPPLICATE

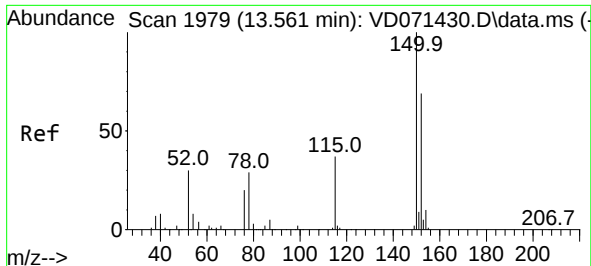
Tgt Ion: 95 Resp: 33149
Ion Ratio Lower Upper
95 100
174 71.1 0.0 159.4
176 66.2 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071487.D
Acq: 27 Dec 2021 16:11

Tgt Ion: 117 Resp: 63544
Ion Ratio Lower Upper
117 100
82 62.0 44.7 67.1
119 29.0 26.2 39.4

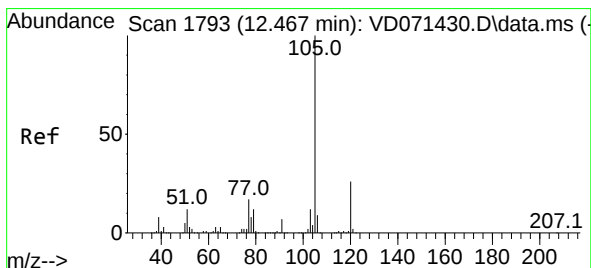
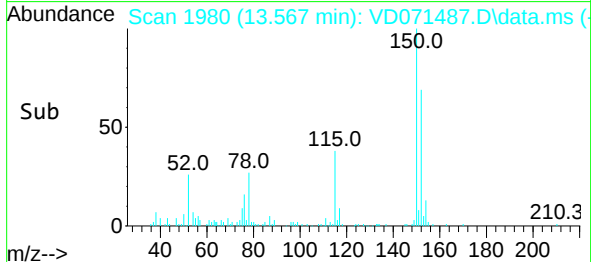
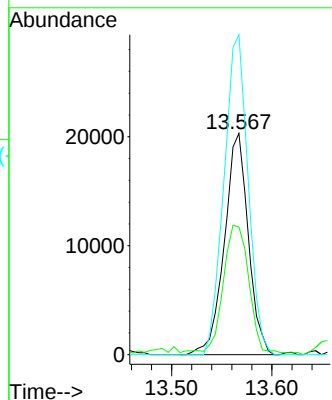
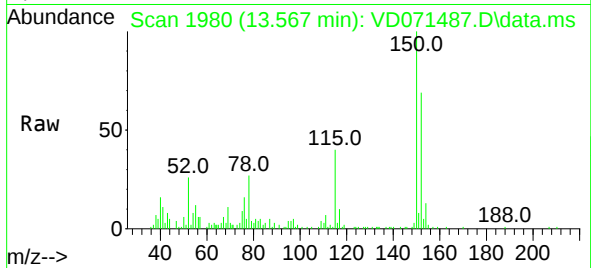




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD071487.D
Acq: 27 Dec 2021 16:11

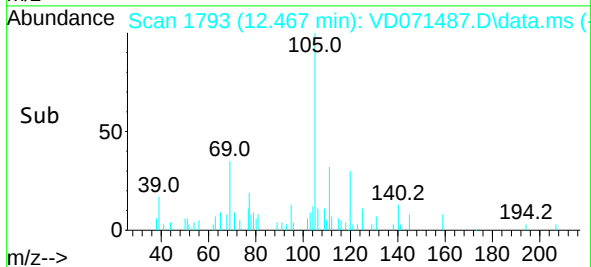
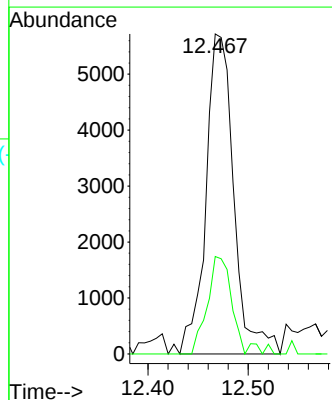
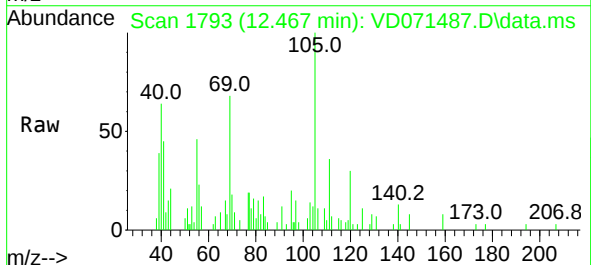
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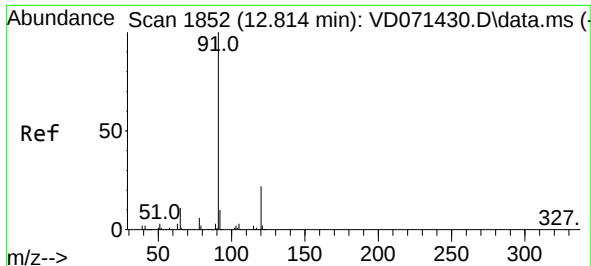
Tgt Ion:152 Resp: 33583
Ion Ratio Lower Upper
152 100
115 64.4 29.8 89.3
150 145.5 0.0 349.2



#73
Isopropylbenzene
Concen: 4.271 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD071487.D
Acq: 27 Dec 2021 16:11

Tgt Ion:105 Resp: 11059
Ion Ratio Lower Upper
105 100
120 27.1 13.2 39.5

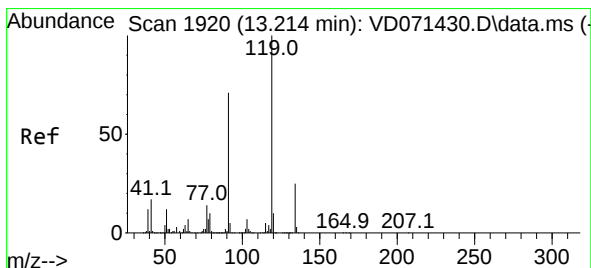
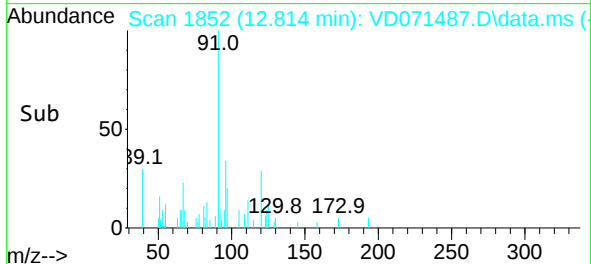
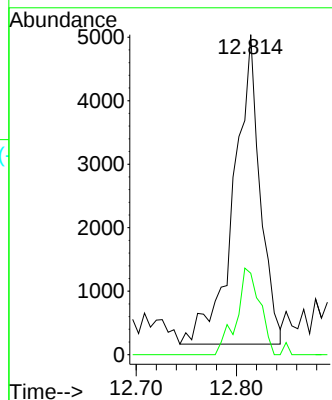
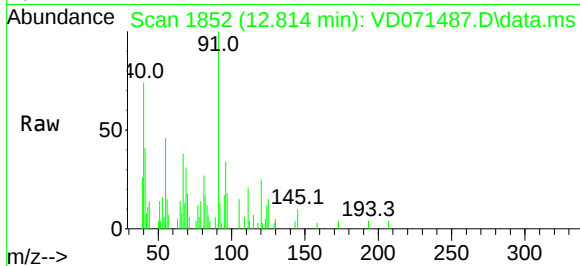




#78
n-propylbenzene
Concen: 2.758 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VD071487.D
Acq: 27 Dec 2021 16:11

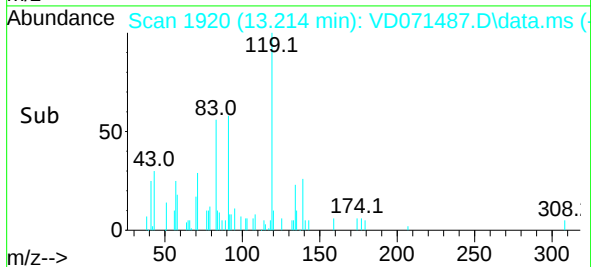
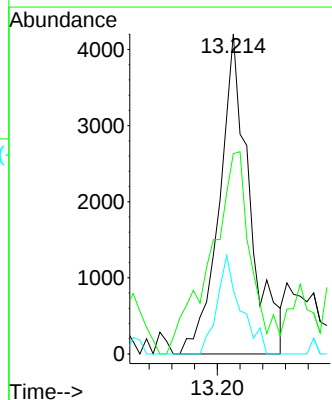
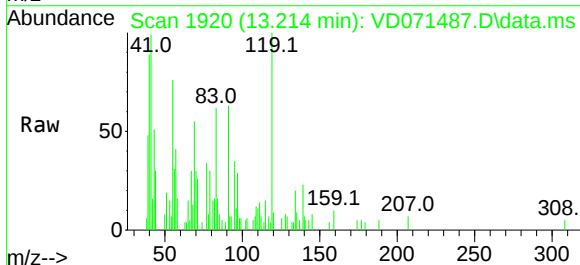
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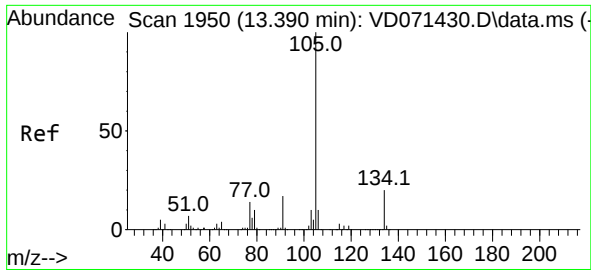
Tgt Ion: 91 Resp: 8951
Ion Ratio Lower Upper
91 100
120 24.5 10.9 32.9



#83
tert-Butylbenzene
Concen: 4.269 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD071487.D
Acq: 27 Dec 2021 16:11

Tgt Ion: 119 Resp: 7790
Ion Ratio Lower Upper
119 100
91 84.5 32.5 97.5
134 23.9 13.2 39.6





#85

sec-Butylbenzene

Concen: 18.128 ug/l

RT: 13.391 min Scan# 1950

Delta R.T. 0.001 min

Lab File: VD071487.D

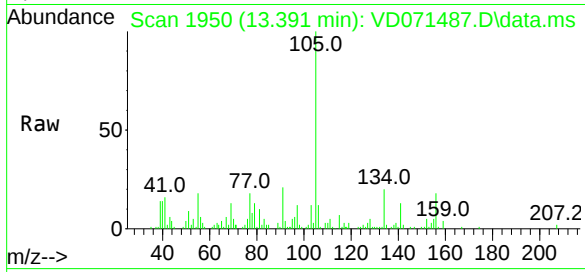
Acq: 27 Dec 2021 16:11

Instrument :

MSVOA_D

ClientSampleId :

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Tgt Ion:	105	Resp:	50431
Ion Ratio	Lower	Upper	
105	100		
134	26.7	9.7	28.9

