

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092121\
 Data File : VD070402.D
 Acq On : 21 Sep 2021 14:14
 Operator : VA/SY
 Sample : M3798-07RE
 Misc : 6.84G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DUPLICATE-2RE

Quant Time: Sep 22 01:47:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

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

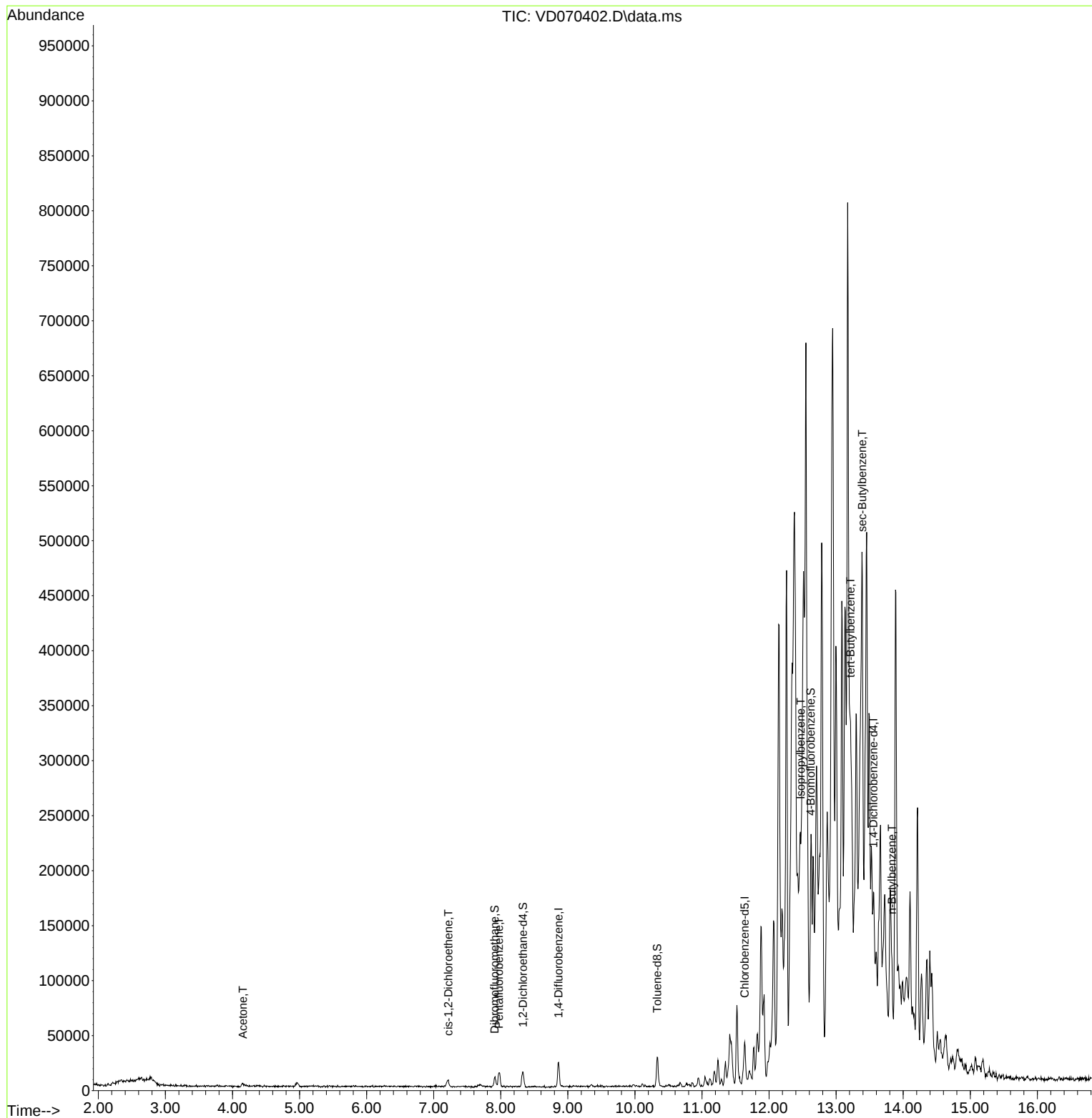
Internal Standards						
1) Pentafluorobenzene	7.973	168	9365	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	19772	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	21967	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	14076	50.000	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	10762	89.498	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 179.000%#	
35) Dibromofluoromethane	7.908	113	6032	42.859	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 85.720%	
50) Toluene-d8	10.332	98	18748	36.689	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 73.380%	
62) 4-Bromofluorobenzene	12.620	95	24670	138.142	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 276.280%#	
Target Compounds						
					Qvalue	
16) Acetone	4.156	43	4539	211.425	ug/l #	81
27) cis-1,2-Dichloroethene	7.220	96	3362	24.114	ug/l	94
73) Isopropylbenzene	12.473	105	35080	35.537	ug/l	99
83) tert-Butylbenzene	13.214	119	61623	90.188	ug/l	97
85) sec-Butylbenzene	13.390	105	171825	158.204	ug/l #	67
89) n-Butylbenzene	13.831	91	37765	43.406	ug/l #	73

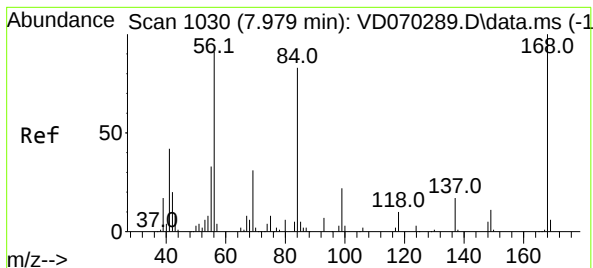
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Sep 09 03:07:09 2021
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD070402.D

Acq: 21 Sep 2021 14:14

Tgt Ion:168 Resp: 9365

Ion Ratio Lower Upper

168 100

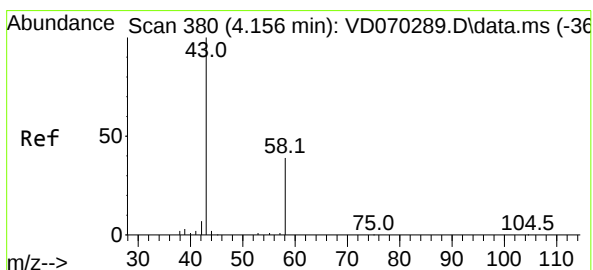
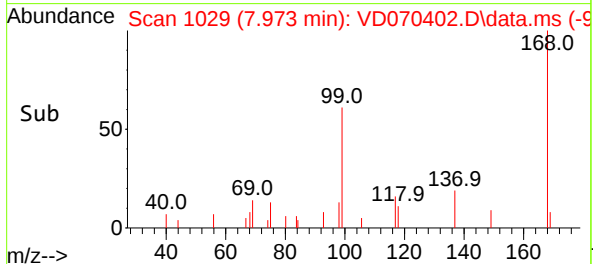
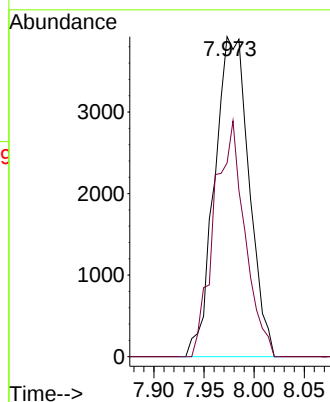
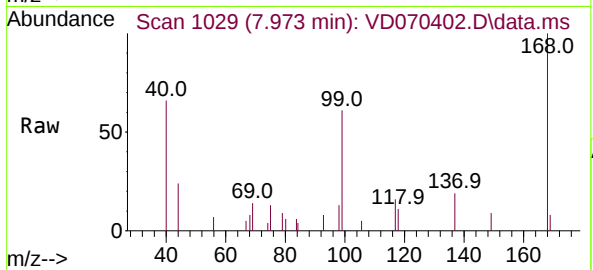
99 60.6 50.8 76.2

Instrument :

MSVOA_D

ClientSampleId :

DUPLICATE-2RE



#16

Acetone

Concen: 211.425 ug/l

RT: 4.156 min Scan# 380

Delta R.T. -0.000 min

Lab File: VD070402.D

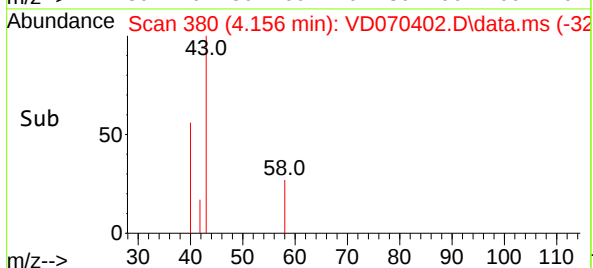
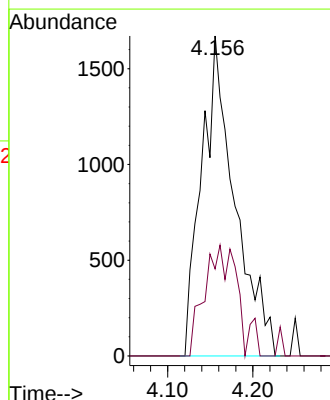
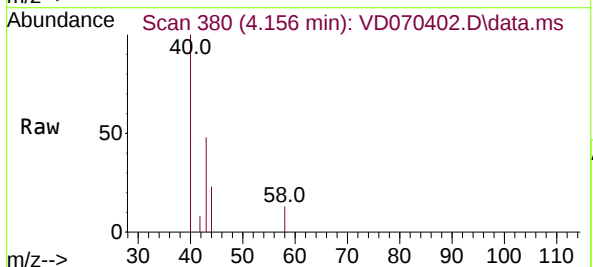
Acq: 21 Sep 2021 14:14

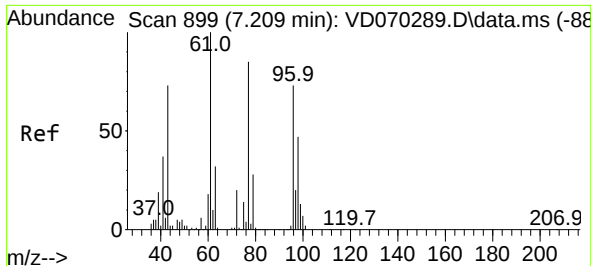
Tgt Ion: 43 Resp: 4539

Ion Ratio Lower Upper

43 100

58 27.2 30.9 46.3#





#27

cis-1,2-Dichloroethene

Concen: 24.114 ug/l

RT: 7.220 min Scan# 901

Delta R.T. 0.011 min

Lab File: VD070402.D

Acq: 21 Sep 2021 14:14

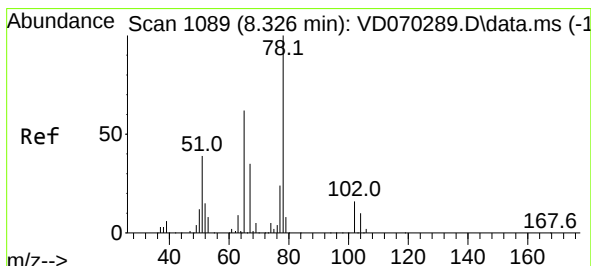
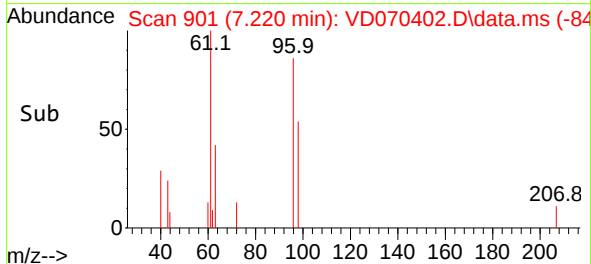
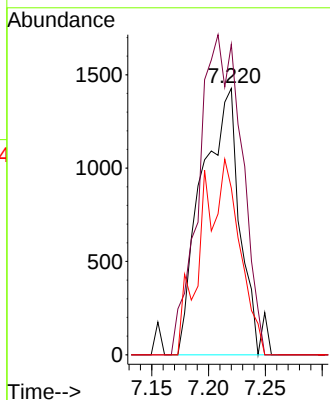
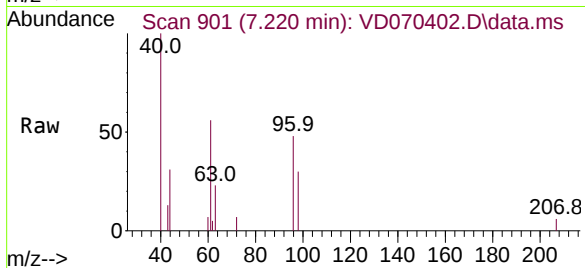
Instrument :

MSVOA_D

ClientSampleId :

DUPLICATE-2RE

Tgt Ion:	96	Resp:	3362
Ion	Ratio	Lower	Upper
96	100		
61	133.9	0.0	277.4
98	72.6	0.0	130.0



#33

1,2-Dichloroethane-d4

Concen: 89.498 ug/l

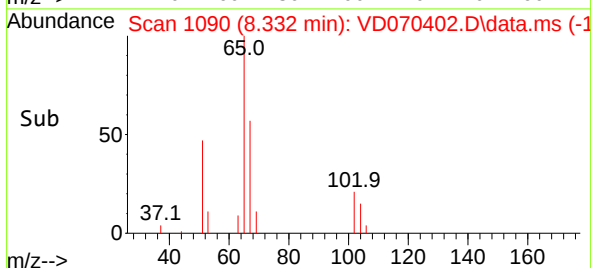
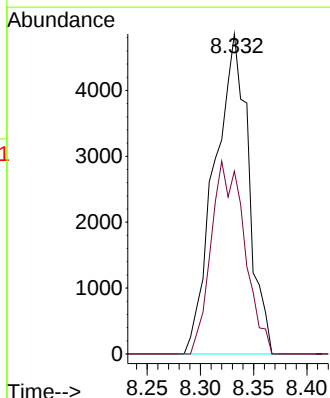
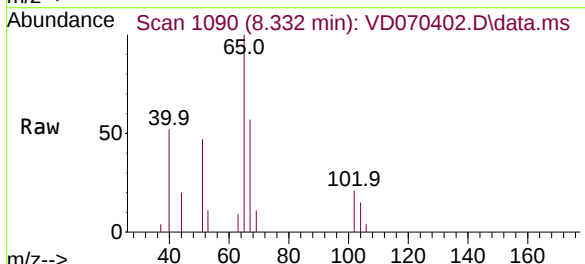
RT: 8.332 min Scan# 1090

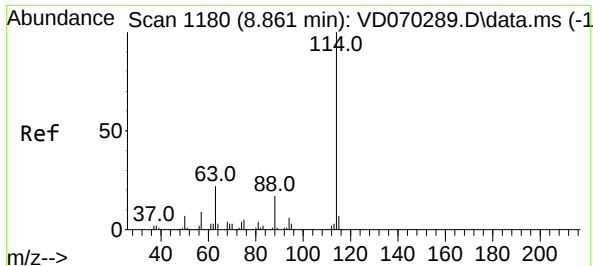
Delta R.T. 0.006 min

Lab File: VD070402.D

Acq: 21 Sep 2021 14:14

Tgt Ion:	65	Resp:	10762
Ion	Ratio	Lower	Upper
65	100		
67	59.4	0.0	111.4



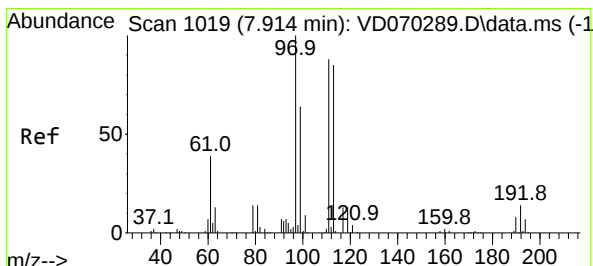
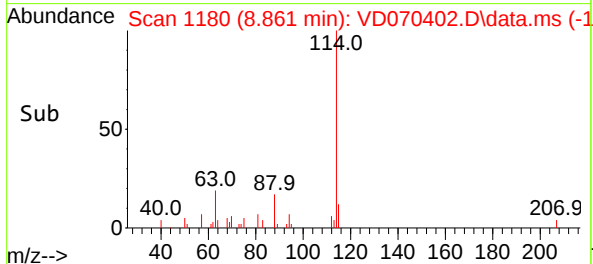
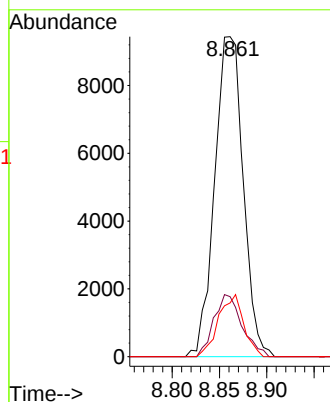
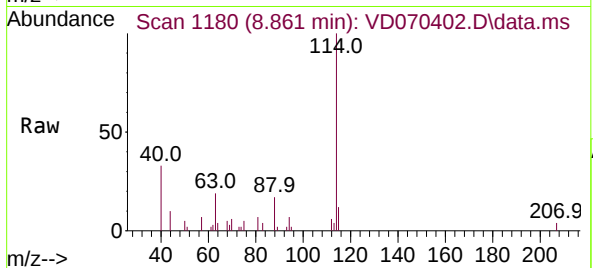


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070402.D
Acq: 21 Sep 2021 14:14

Instrument :
MSVOA_D
ClientSampleId :
DUPLICATE-2RE

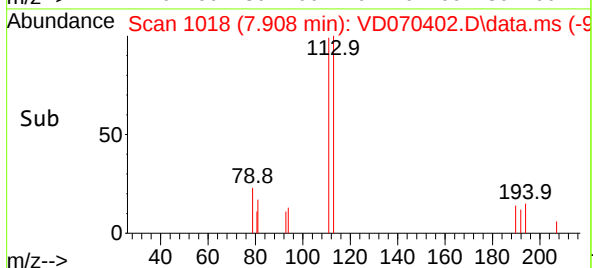
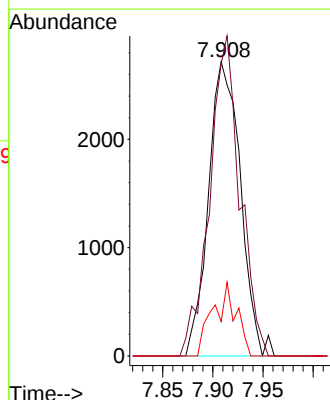
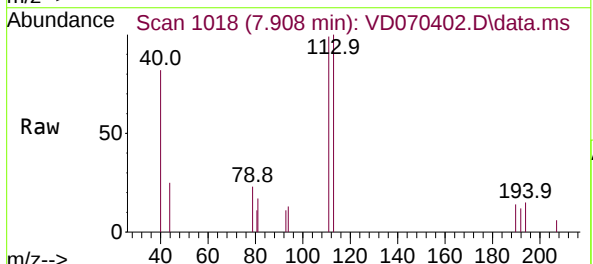
Tgt Ion:	114	Resp:	19772
Ion Ratio	Lower	Upper	
114	100		
63	18.8	0.0	43.4
88	16.8	0.0	33.4

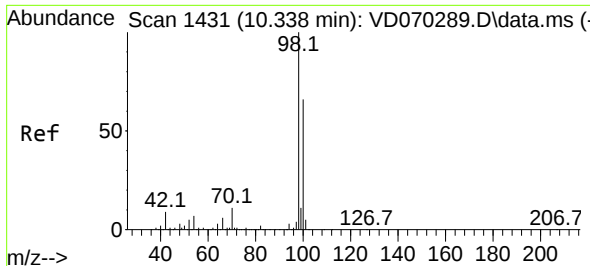


#35

Dibromofluoromethane
Concen: 42.859 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070402.D
Acq: 21 Sep 2021 14:14

Tgt Ion:	113	Resp:	6032
Ion Ratio	Lower	Upper	
113	100		
111	102.7	81.4	122.2
192	18.1	13.0	19.6

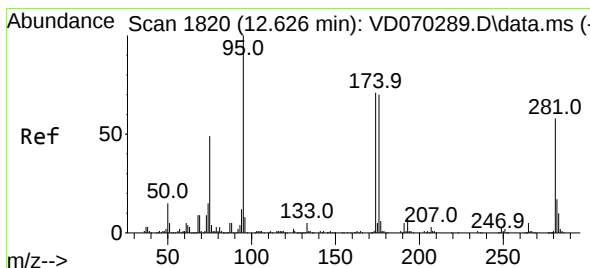
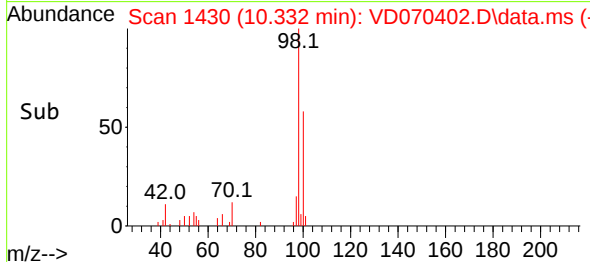
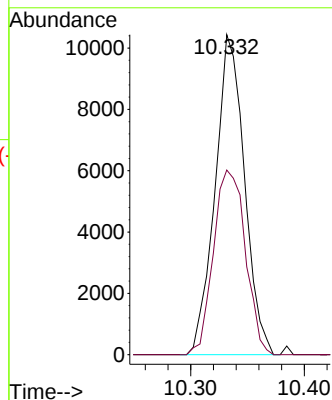
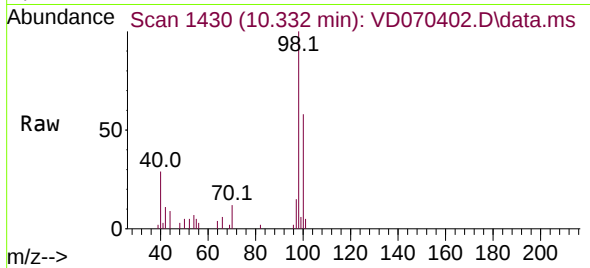




#50
Toluene-d8
Concen: 36.689 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070402.D
Acq: 21 Sep 2021 14:14

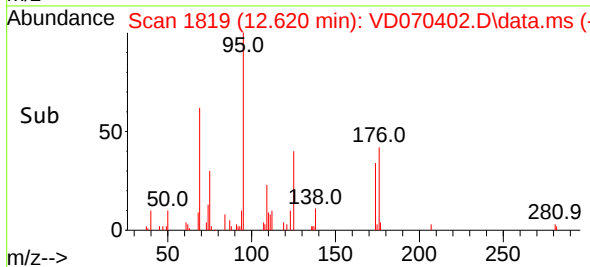
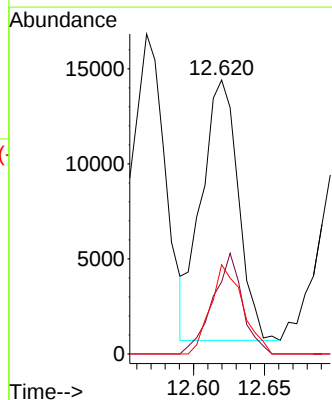
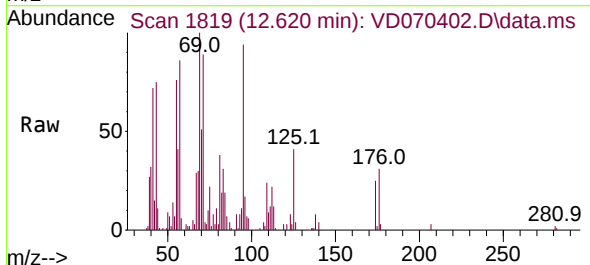
Instrument :
MSVOA_D
ClientSampleId :
DUPLICATE-2RE

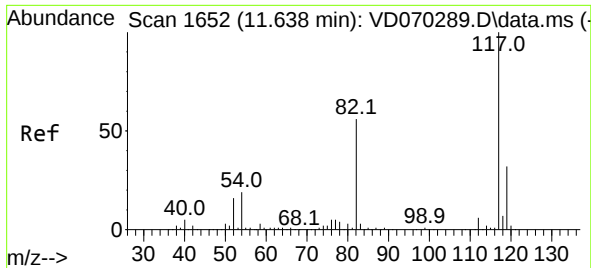
Tgt Ion: 98 Resp: 18748
Ion Ratio Lower Upper
98 100
100 62.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 138.142 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070402.D
Acq: 21 Sep 2021 14:14

Tgt Ion: 95 Resp: 24670
Ion Ratio Lower Upper
95 100
174 31.0 0.0 140.6
176 29.8 0.0 137.4

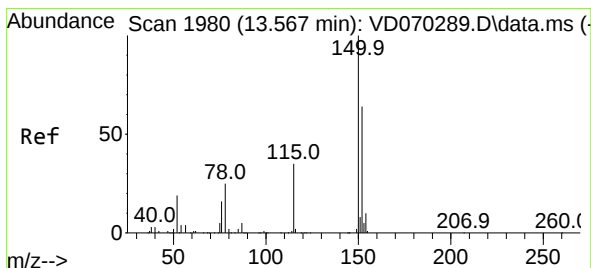
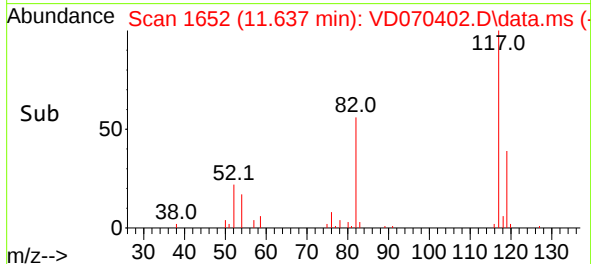
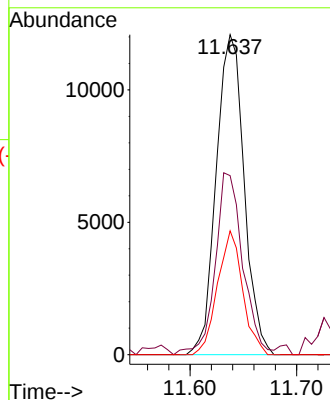
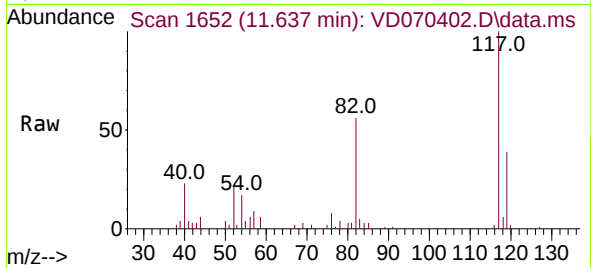




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070402.D
Acq: 21 Sep 2021 14:14

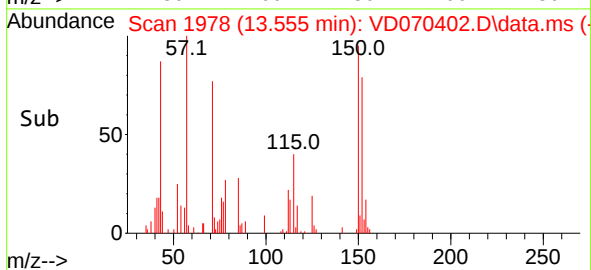
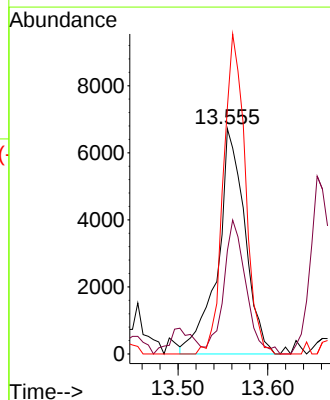
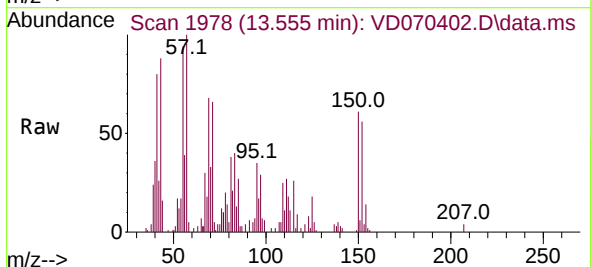
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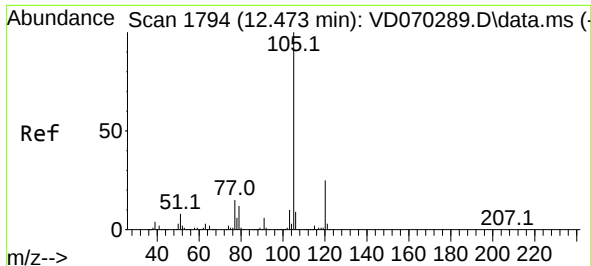
Tgt Ion:	117	Resp:	21967
Ion Ratio	Lower	Upper	
117	100		
82	54.5	45.0	67.4
119	38.7	25.2	37.8#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1978
Delta R.T. -0.012 min
Lab File: VD070402.D
Acq: 21 Sep 2021 14:14

Tgt Ion:	152	Resp:	14076
Ion Ratio	Lower	Upper	
152	100		
115	48.4	32.1	96.3
150	114.8	0.0	350.6

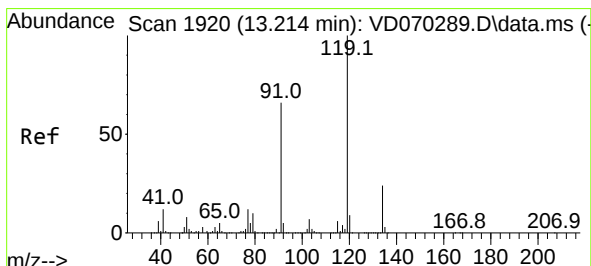
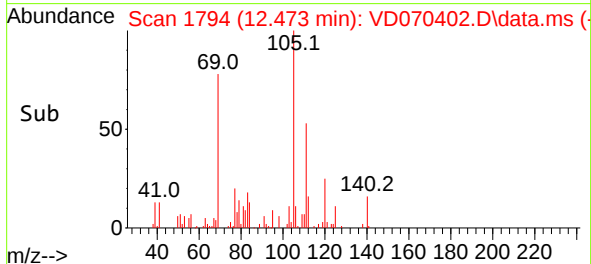
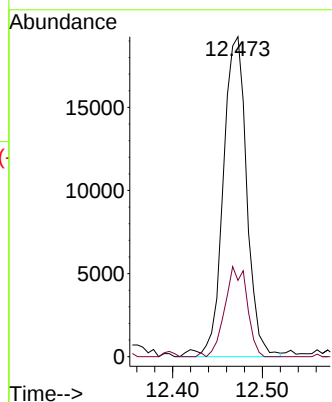
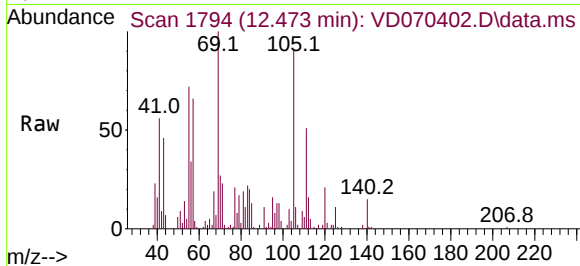




#73
Isopropylbenzene
Concen: 35.537 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD070402.D
Acq: 21 Sep 2021 14:14

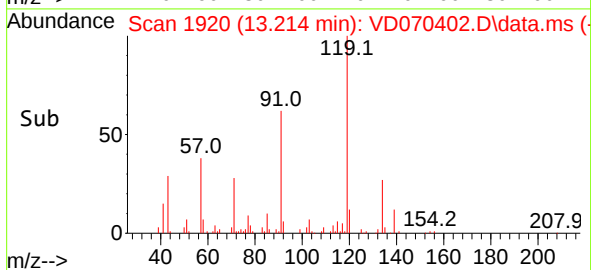
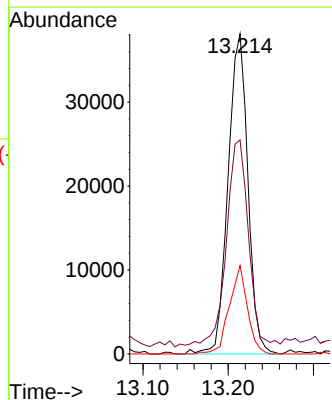
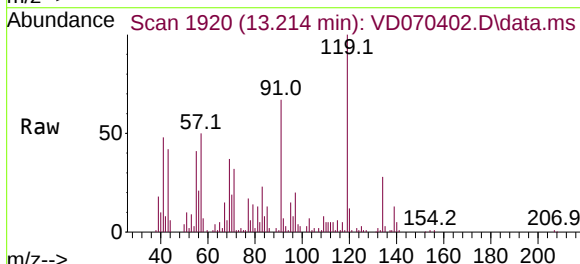
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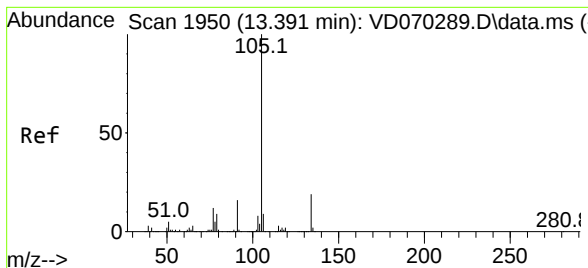
Tgt Ion:105 Resp: 35080
Ion Ratio Lower Upper
105 100
120 26.7 13.0 38.9



#83
tert-Butylbenzene
Concen: 90.188 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. -0.000 min
Lab File: VD070402.D
Acq: 21 Sep 2021 14:14

Tgt Ion:119 Resp: 61623
Ion Ratio Lower Upper
119 100
91 70.3 33.7 101.0
134 25.4 13.2 39.5

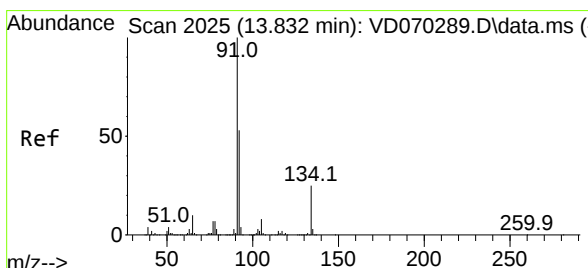
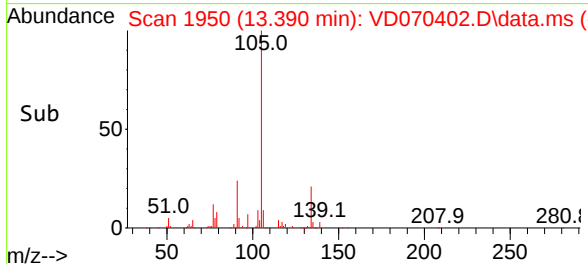
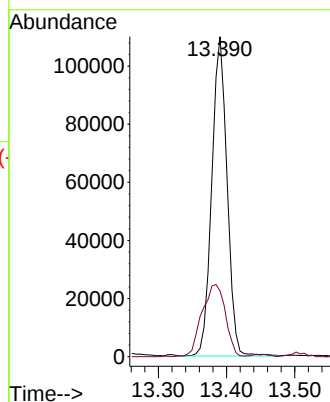
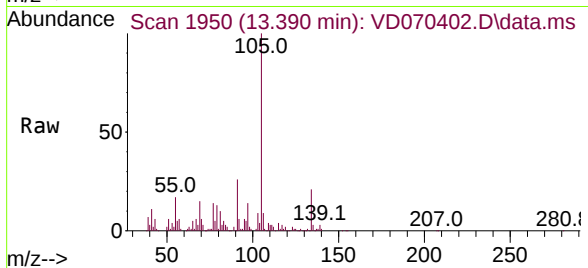




#85
sec-Butylbenzene
Concen: 158.204 ug/l
RT: 13.390 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VD070402.D
Acq: 21 Sep 2021 14:14

Instrument :
MSVOA_D
ClientSampleId :
DUPLICATE-2RE

Tgt Ion:105 Resp: 171825
Ion Ratio Lower Upper
105 100
134 34.5 9.8 29.3#



#89
n-Butylbenzene
Concen: 43.406 ug/l
RT: 13.831 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD070402.D
Acq: 21 Sep 2021 14:14

Tgt Ion: 91 Resp: 37765
Ion Ratio Lower Upper
91 100
92 41.8 26.8 80.4
134 0.0 12.1 36.3#

