

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122818\
 Data File : VD060750.D
 Acq On : 28 Dec 2018 16:59
 Operator : VA/AP
 Sample : J6590-01
 Misc : 5.85g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 AOC2-06A

Manual Integrations
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Quant Time: Dec 29 03:06:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 21 17:37:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.43	168	337509	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.48	114	1369941	50.00	ug/l	0.04
63) Chlorobenzene-d5	11.32	117	943251	50.00	ug/l	0.04
72) 1,4-Dichlorobenzene-d4	13.40	152	349314	50.00	ug/l	0.02

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.82	65	336622	144.32	ug/l	0.03
Spiked Amount	50.000		Recovery	=	288.64%	
35) Dibromofluoromethane	6.35	113	515569	51.42	ug/l	0.02
Spiked Amount	50.000		Recovery	=	102.84%	
50) Toluene-d8	9.52	98	463082	15.48	ug/l	0.06
Spiked Amount	50.000		Recovery	=	30.96%	
62) 4-Bromofluorobenzene	12.44	95	843825m	80.53	ug/l	0.02
Spiked Amount	50.000		Recovery	=	161.06%	

Target Compounds

						Qvalue
16) Acetone	3.14	43	5014029	12309.630	ug/l #	62
25) 2-Butanone	5.62	43	5299762	6799.383	ug/l #	62
39) Methylcyclohexane	8.13	83	14455658	898.499	ug/l #	46
51) 4-Methyl-2-Pentanone	9.31	43	30098912	6488.837	ug/l #	47
59) 2-Hexanone	10.51	43	9358841	2882.457	ug/l #	35
67) Ethyl Benzene	11.47	91	4339446	121.586	ug/l	96
68) m/p-Xylenes	11.60	106	1861952	142.753	ug/l	98
69) o-Xylene	11.97	106	283292	22.893	ug/l	87
73) Isopropylbenzene	12.30	105	7887258	317.130	ug/l	99
78) n-propylbenzene	12.68	91	19958350	627.708	ug/l #	76
80) 1,3,5-Trimethylbenzene	12.79	105	30555984	1591.053	ug/l	81
84) 1,2,4-Trimethylbenzene	13.14	105	17835817	901.722	ug/l	83
85) sec-Butylbenzene	13.25	105	5899081	221.316	ug/l	96
86) p-Isopropyltoluene	13.37	119	3682196	171.138	ug/l	92
89) n-Butylbenzene	13.69	91	9078364	412.895	ug/l	95
95) Naphthalene	14.97	128	19565	2.140	ug/l #	79

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

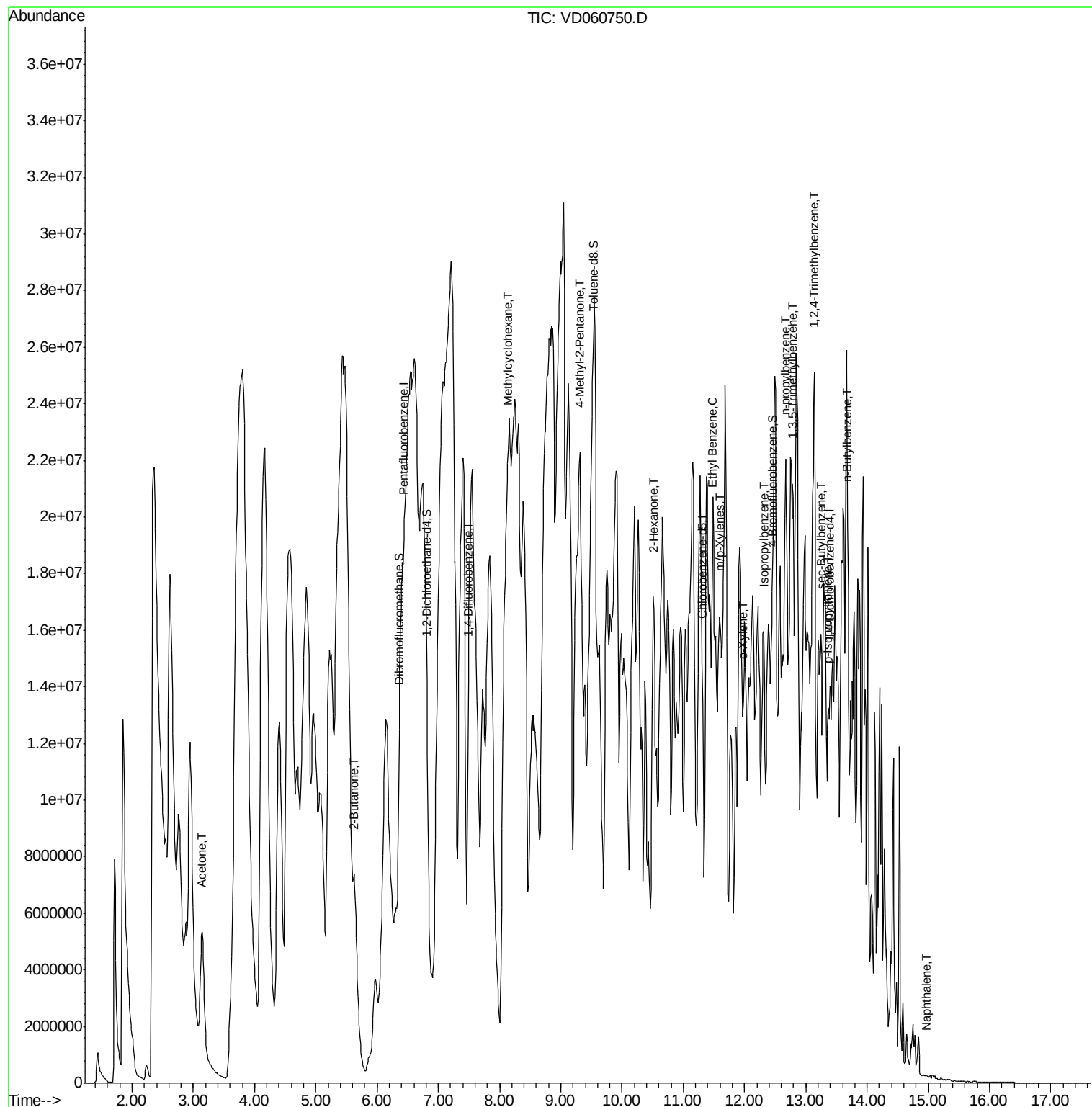
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD122818\
Data File : VD060750.D
Acq On : 28 Dec 2018 16:59
Operator : VA/AP
Sample : J6590-01
Misc : 5.85g/5ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

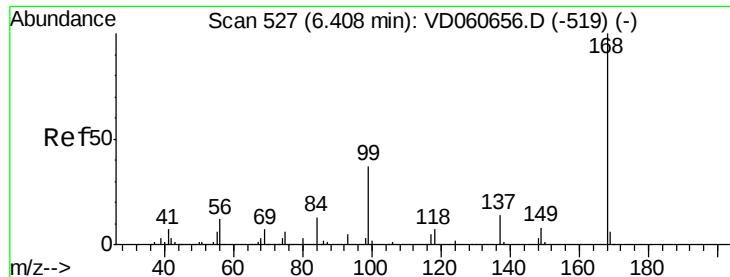
Instrument :
MSVOA_D
ClientSampleId :
AOC2-06A

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Quant Time: Dec 29 03:06:27 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
Quant Title : SW846 8260
QLast Update : Fri Dec 21 17:37:47 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.43 min Scan# 529

Delta R.T. 0.02 min

Lab File: VD060750.D

Acq: 28 Dec 2018 16:59

Instrument :

MSVOA_D

ClientSampleId :

AOC2-06A

Tot Ion:168 Resp: 337509

Ion Ratio Lower Upper

168 100

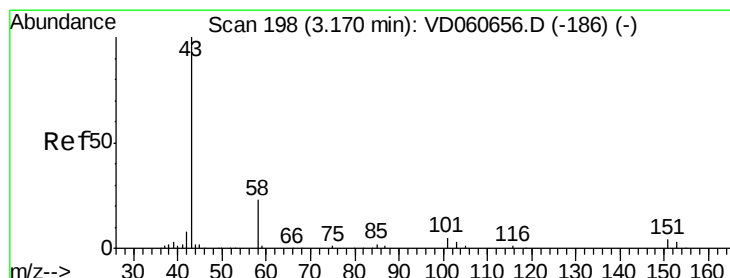
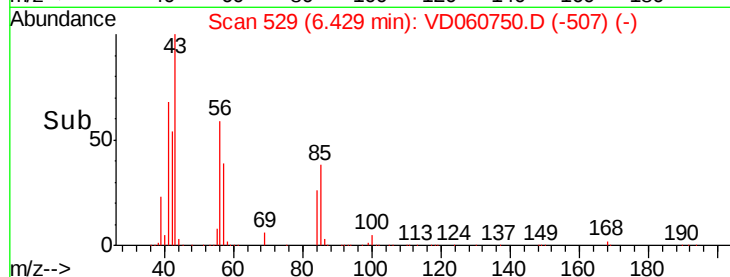
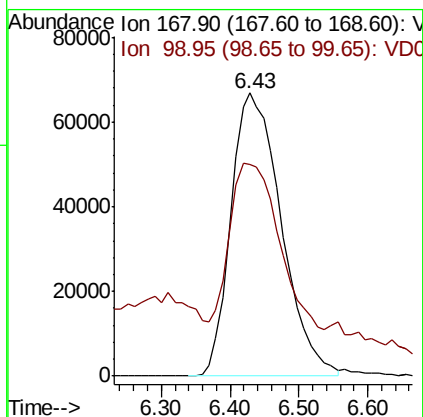
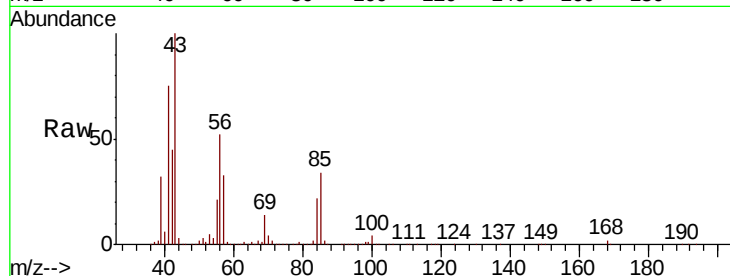
99 74.7 38.7 58.1#

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#16

Acetone

Concen: 12309.630 ug/l

RT: 3.14 min Scan# 195

Delta R.T. -0.03 min

Lab File: VD060750.D

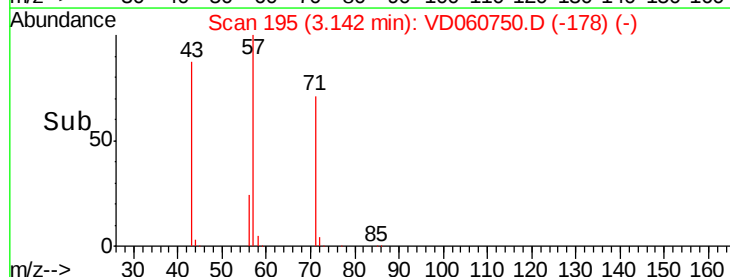
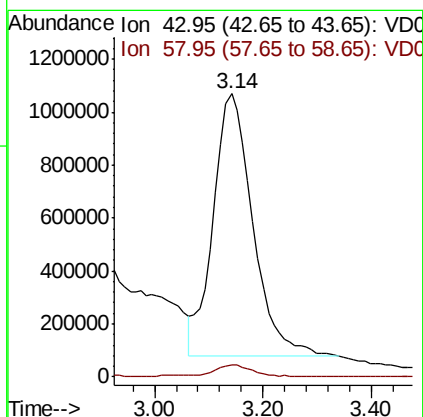
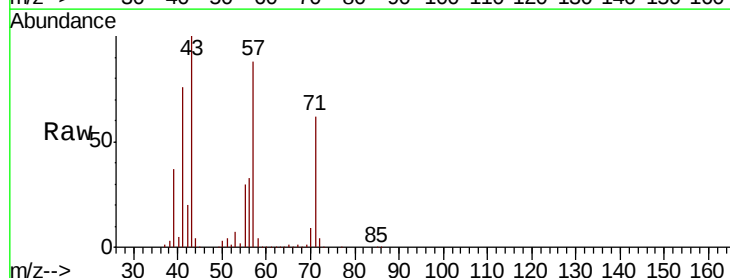
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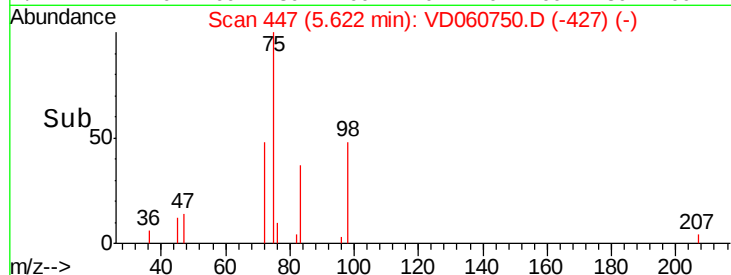
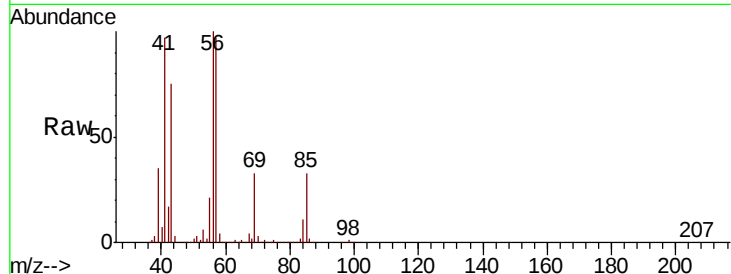
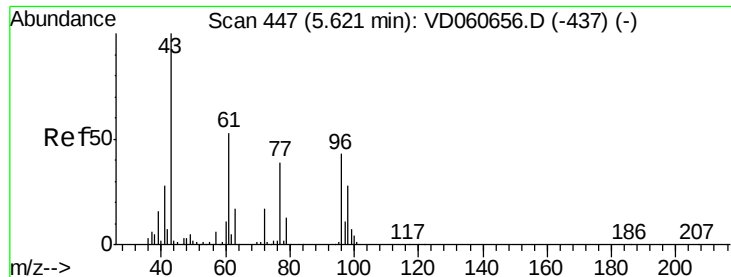
Tgt Ion: 43 Resp: 5014029

Ion Ratio Lower Upper

43 100

58 4.2 18.2 27.2#





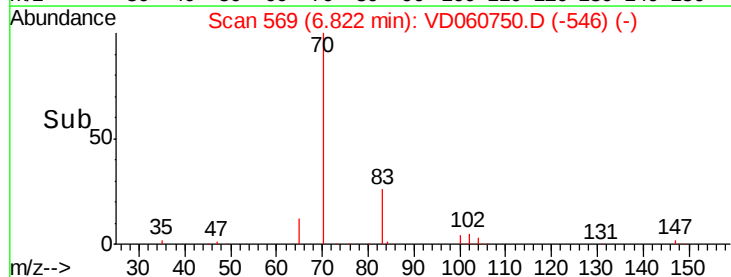
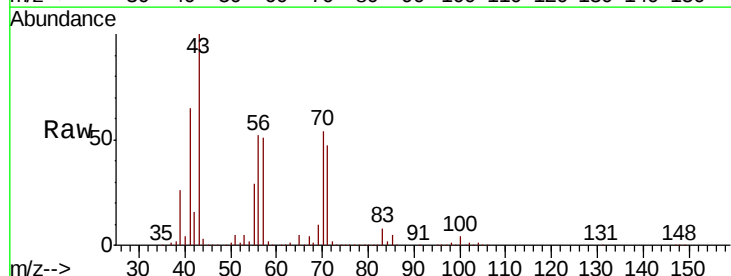
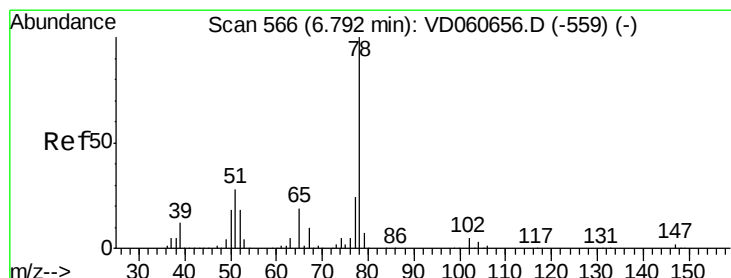
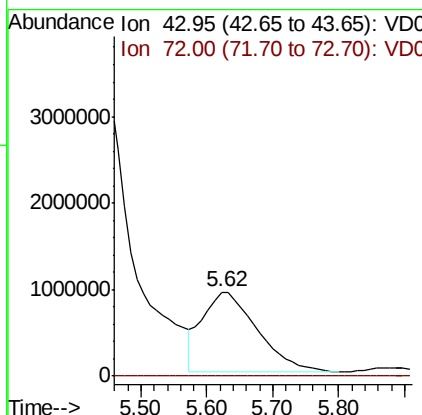
#25
2-Butanone
Concen: 6799.383 ug/l
RT: 5.62 min Scan# 447
Delta R.T. 0.00 min
Lab File: VD060750.D
Acq: 28 Dec 2018 16:59

Tot Ion: 43 Resp: 5299762
Ion Ratio Lower Upper
43 100
72 0.8 13.7 20.5#

Instrument :
MSVOA_D
ClientSampled :
AOC2-06A

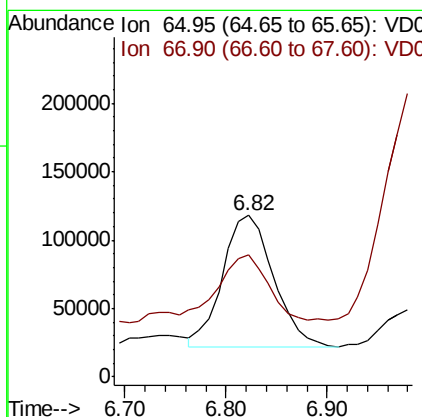
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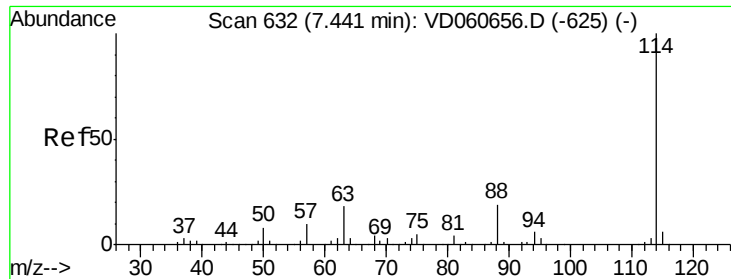
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#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.82 min Scan# 569
Delta R.T. 0.03 min
Lab File: VD060750.D
Acq: 28 Dec 2018 16:59

Tgt Ion: 65 Resp: 336622
Ion Ratio Lower Upper
65 100
67 75.7 0.0 105.4





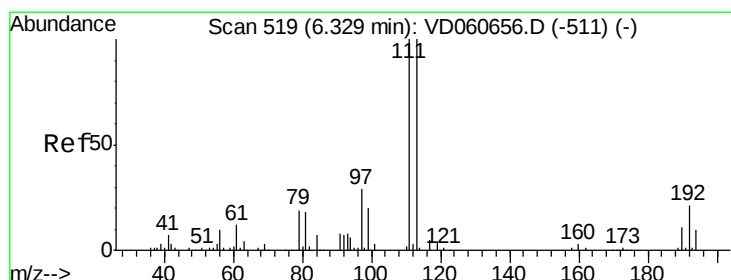
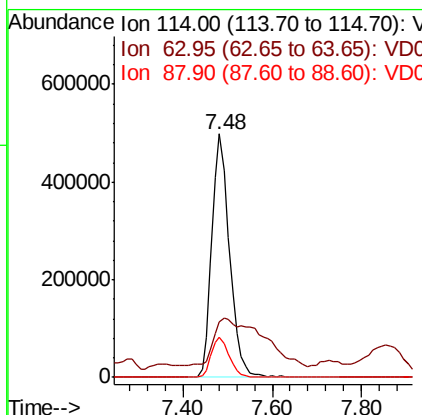
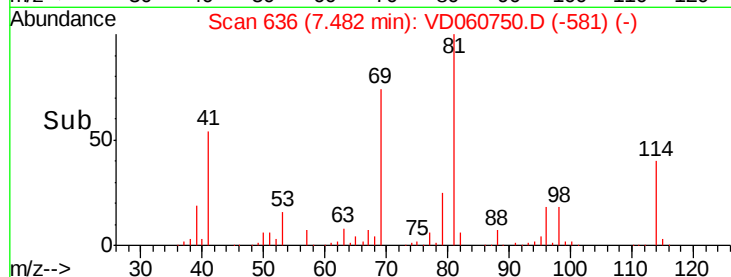
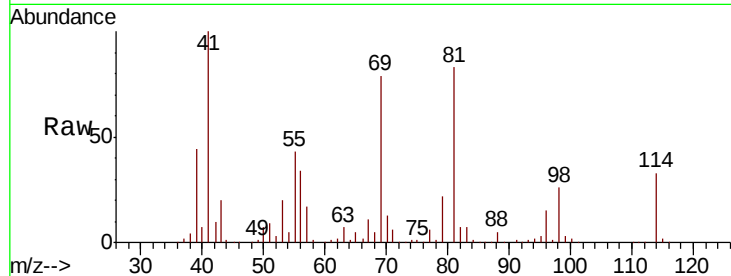
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.48 min Scan# 636
 Delta R.T. 0.04 min
 Lab File: VD060750.D
 Acq: 28 Dec 2018 16:59

Instrument :
 MSVOA_D
 ClientSampleId :
 AOC2-06A

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	36.2
88	16.4	0.0	37.0

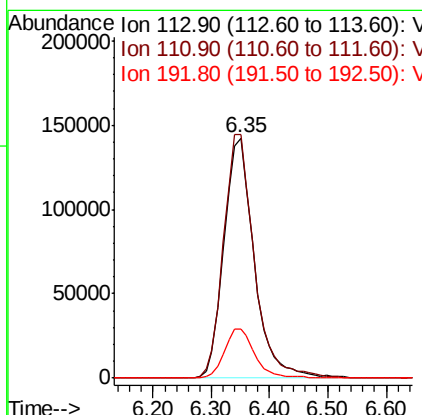
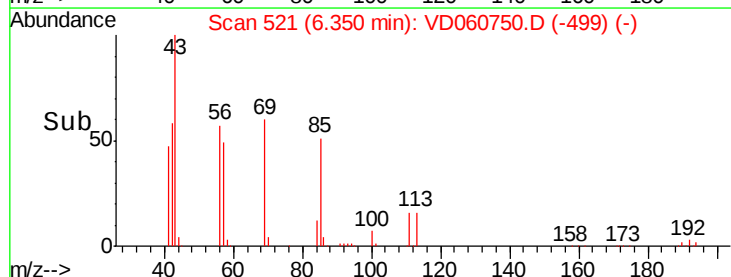
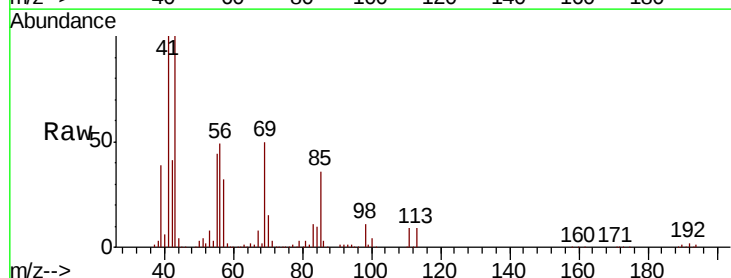
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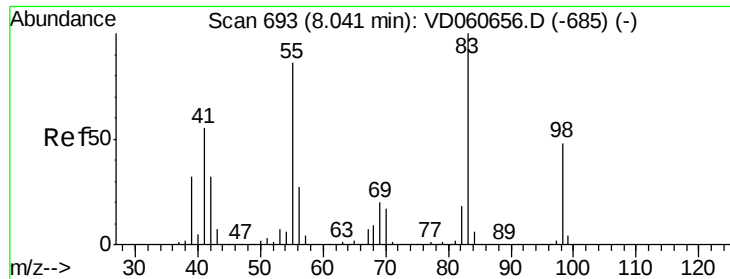
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#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.35 min Scan# 521
 Delta R.T. 0.02 min
 Lab File: VD060750.D
 Acq: 28 Dec 2018 16:59

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.5	80.0	120.0
192	20.4	16.6	25.0





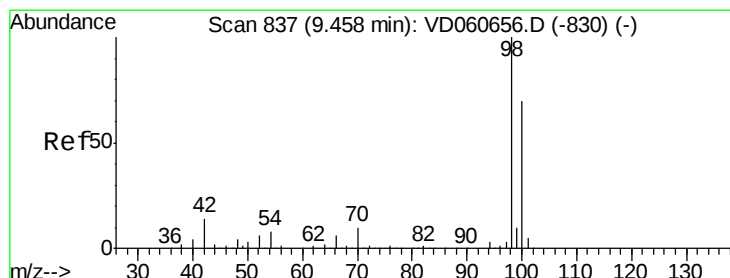
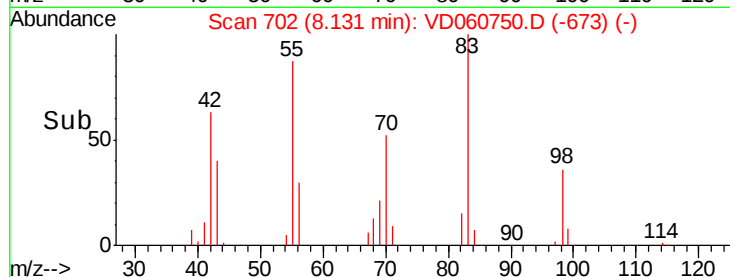
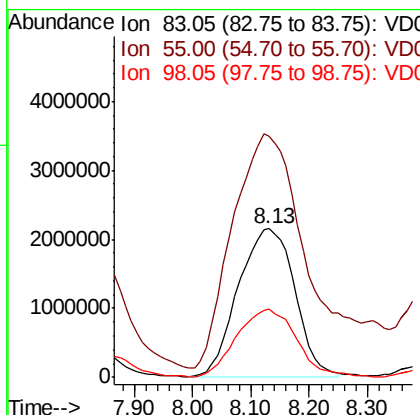
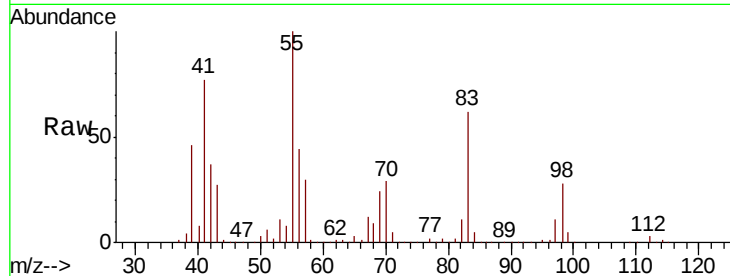
#39
Methylcyclohexane
Concen: 898.499 ug/l
RT: 8.13 min Scan# 702
Delta R.T. 0.09 min
Lab File: VD060750.D
Acq: 28 Dec 2018 16:59

Instrument :
MSVOA_D
ClientSampleId :
AOC2-06A

Tot Ion: 83 Resp: 14455658
Ion Ratio Lower Upper
83 100
55 161.7 68.6 102.8#
98 45.7 38.1 57.1

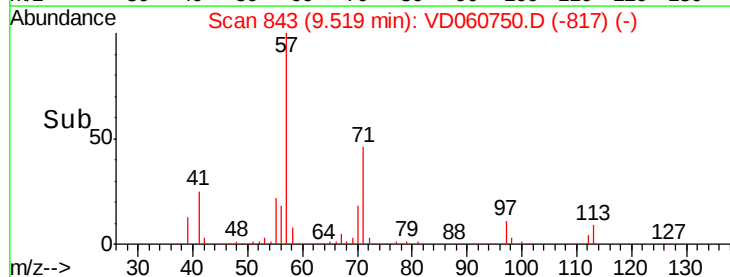
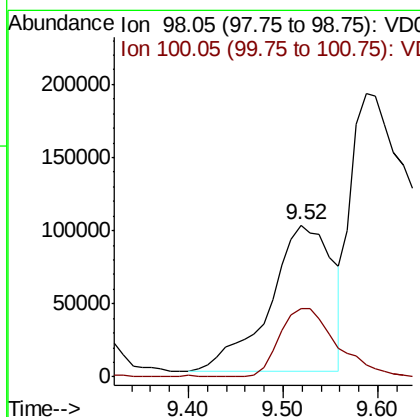
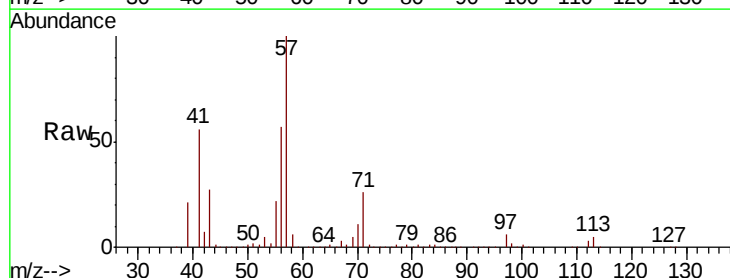
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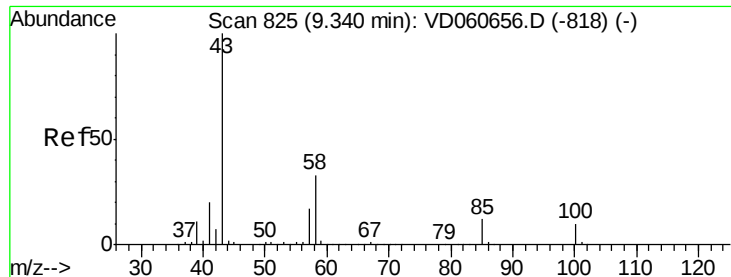
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#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.52 min Scan# 843
Delta R.T. 0.06 min
Lab File: VD060750.D
Acq: 28 Dec 2018 16:59

Tgt Ion: 98 Resp: 463082
Ion Ratio Lower Upper
98 100
100 44.9 55.8 83.8#





#51

4-Methyl-2-Pentanone

Concen: 6488.837 ug/l

RT: 9.31 min Scan# 822

Delta R.T. -0.03 min

Lab File: VD060750.D

Acq: 28 Dec 2018 16:59

Instrument :

MSVOA_D

ClientSampleId :

AOC2-06A

Tot Ion: 43 Resp: 30098912

Ion Ratio Lower Upper

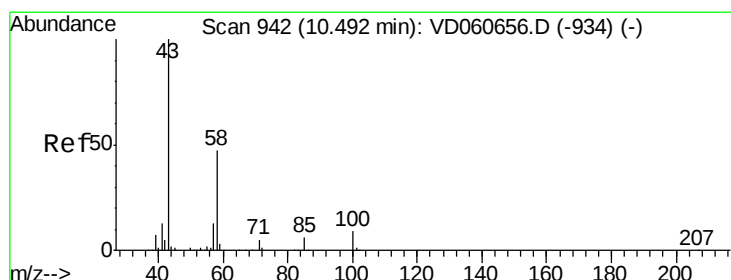
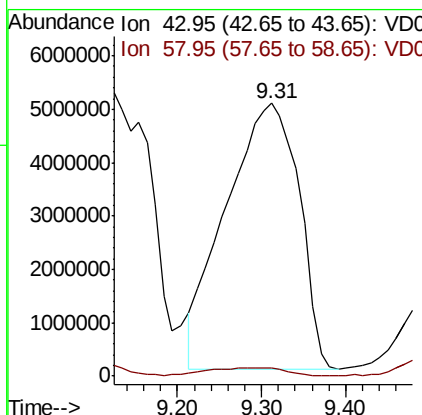
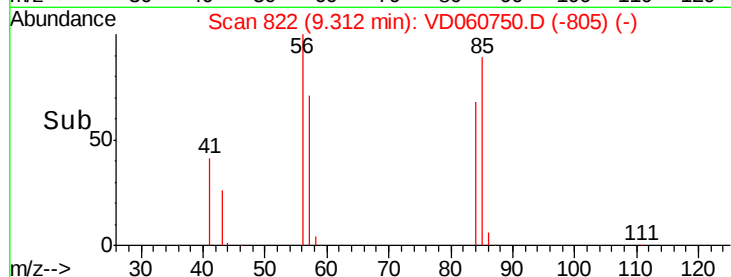
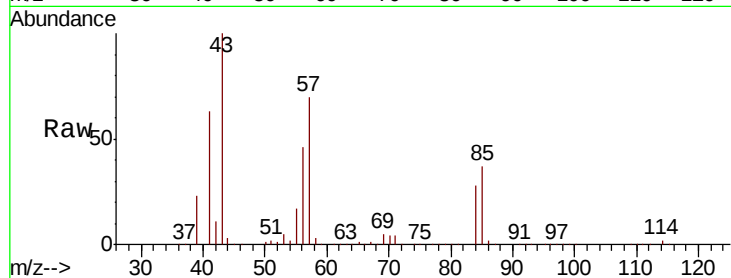
43 100

58 3.1 26.3 39.5#

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#59

2-Hexanone

Concen: 2882.457 ug/l

RT: 10.51 min Scan# 944

Delta R.T. 0.02 min

Lab File: VD060750.D

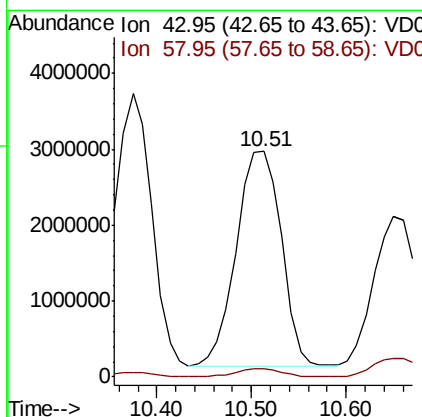
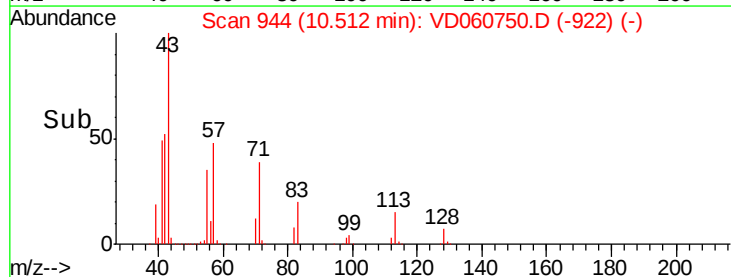
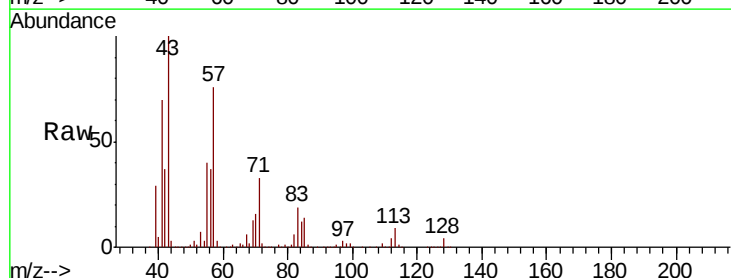
Acq: 28 Dec 2018 16:59

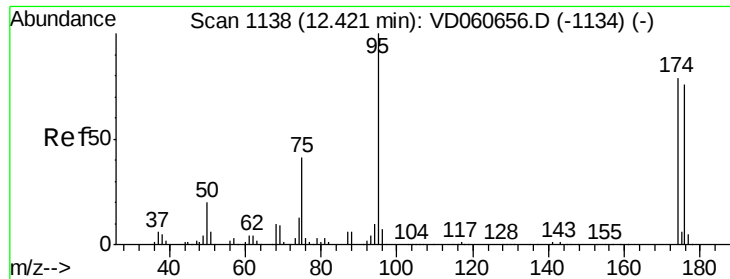
Tgt Ion: 43 Resp: 9358841

Ion Ratio Lower Upper

43 100

58 3.4 23.5 70.5#





#62

4-Bromofluorobenzene

Concen: N.D. ug/l m

RT: 12.44 min Scan# 1140

Delta R.T. 0.02 min

Lab File: VD060750.D

Acq: 28 Dec 2018 16:59

Instrument :

MSVOA_D

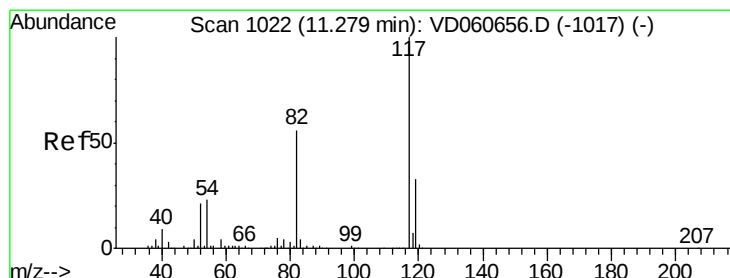
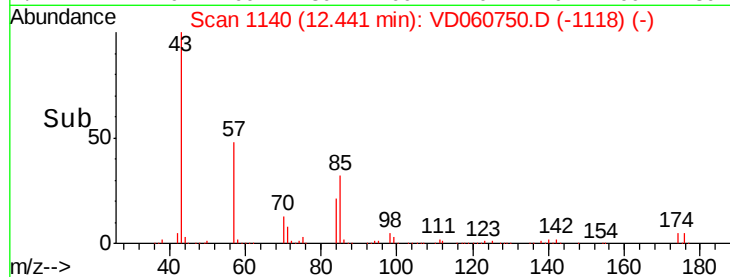
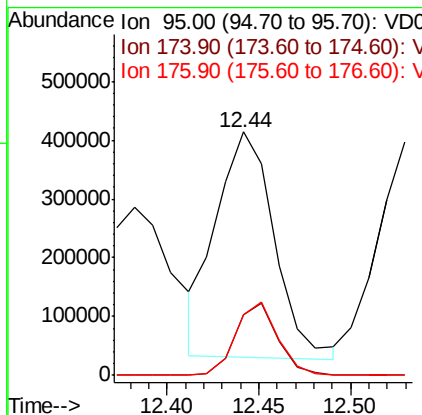
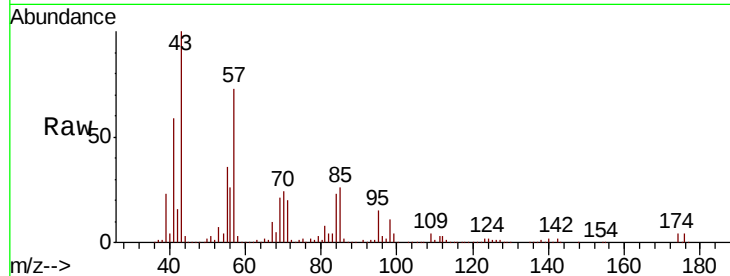
ClientSampleId :

AOC2-06A

Tot Ion:	95	Resp:	843825
Ion Ratio	Lower	Upper	
95	100		
174	24.9	0.0	158.2
176	25.1	0.0	152.4

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

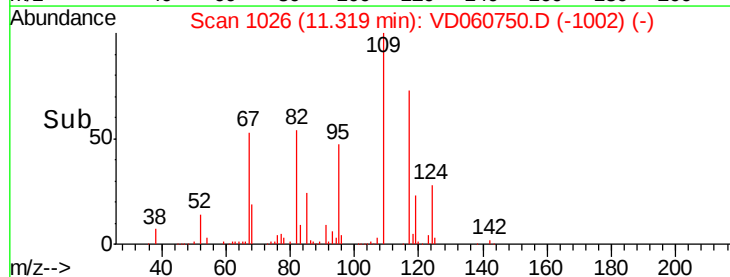
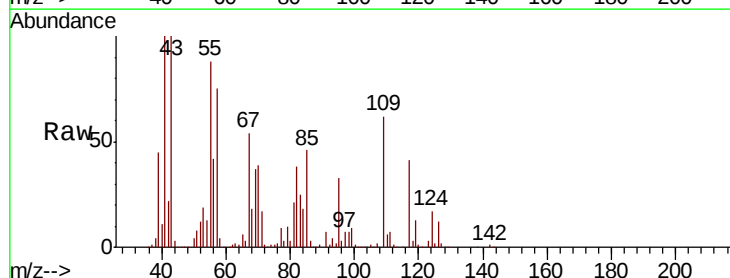
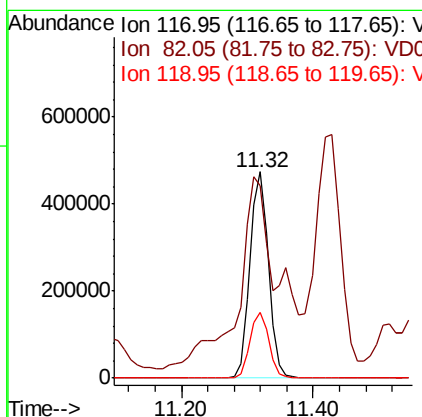
RT: 11.32 min Scan# 1026

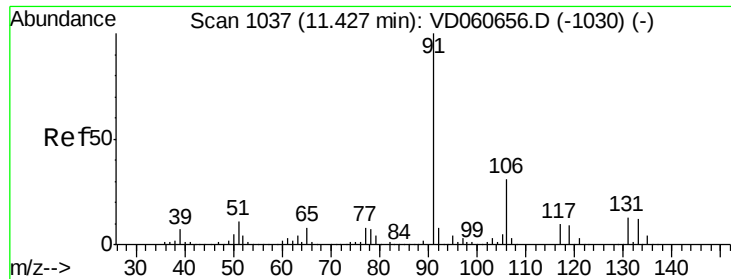
Delta R.T. 0.04 min

Lab File: VD060750.D

Acq: 28 Dec 2018 16:59

Tgt Ion:	117	Resp:	943251
Ion Ratio	Lower	Upper	
117	100		
82	93.2	44.5	66.7#
119	32.0	26.3	39.5





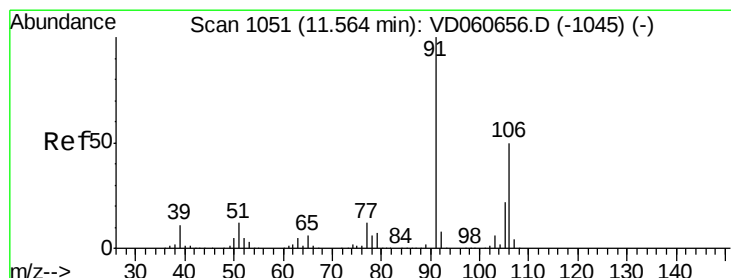
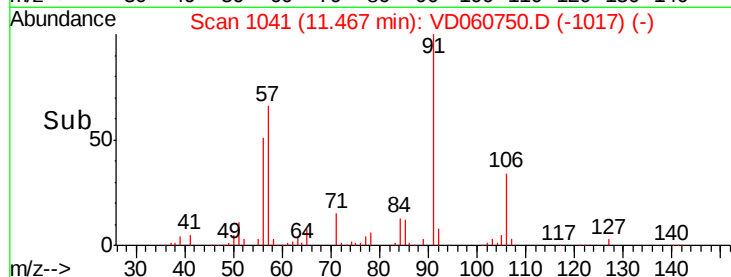
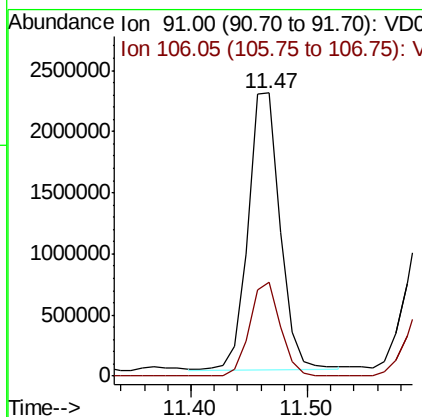
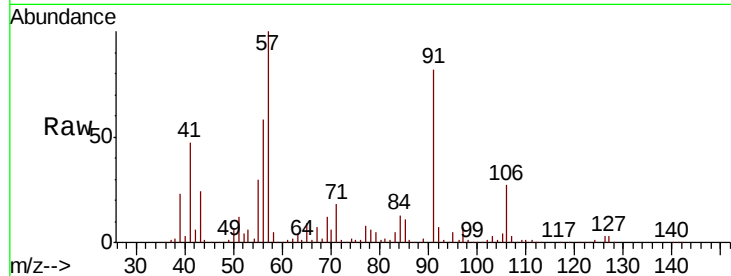
#67
Ethyl Benzene
Concen: 121.586 ug/l
RT: 11.47 min Scan# 1041
Delta R.T. 0.04 min
Lab File: VD060750.D
Acq: 28 Dec 2018 16:59

Instrument :
MSVOA_D
ClientSampled :
AOC2-06A

Tot Ion: 91 Resp: 4339446
Ion Ratio Lower Upper
91 100
106 33.1 24.6 36.8

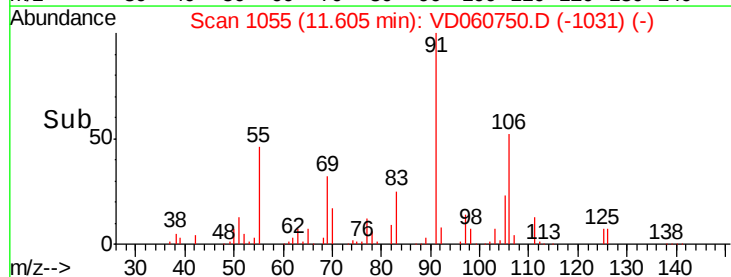
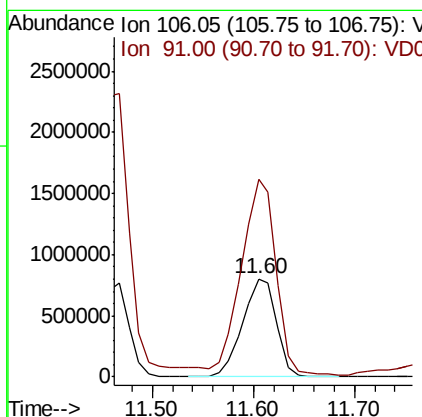
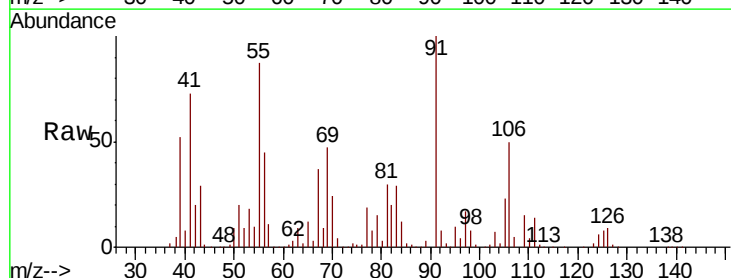
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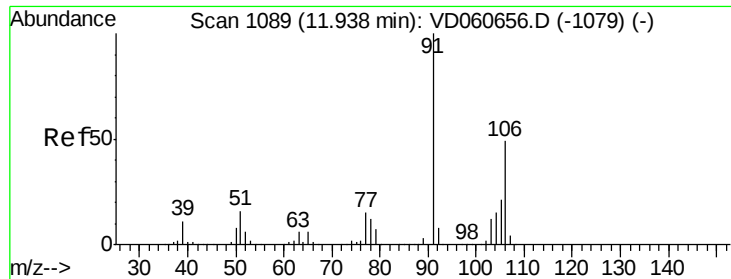
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#68
m/p-Xylenes
Concen: 142.753 ug/l
RT: 11.60 min Scan# 1055
Delta R.T. 0.04 min
Lab File: VD060750.D
Acq: 28 Dec 2018 16:59

Tgt Ion: 106 Resp: 1861952
Ion Ratio Lower Upper
106 100
91 201.7 158.9 238.3





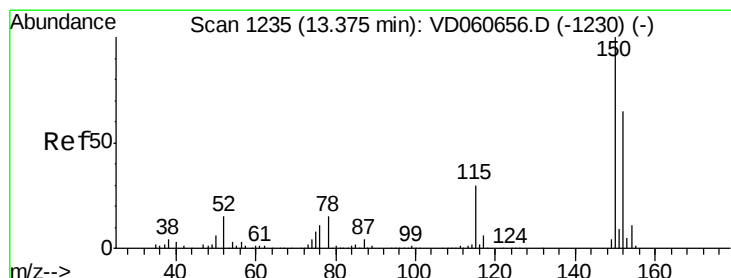
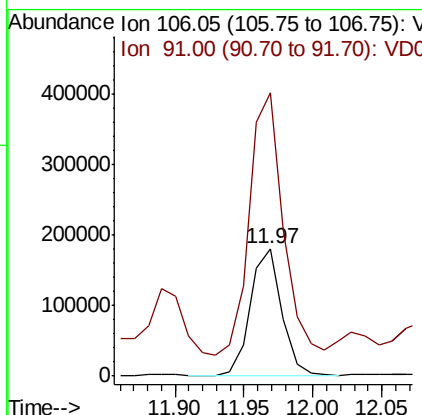
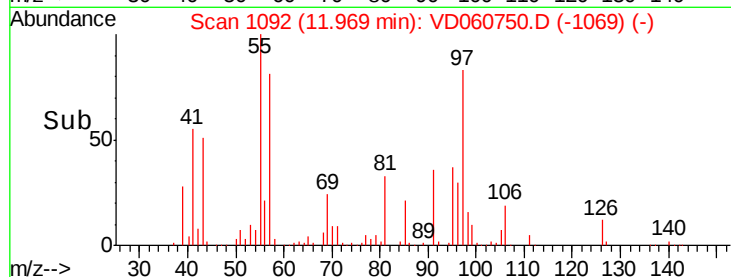
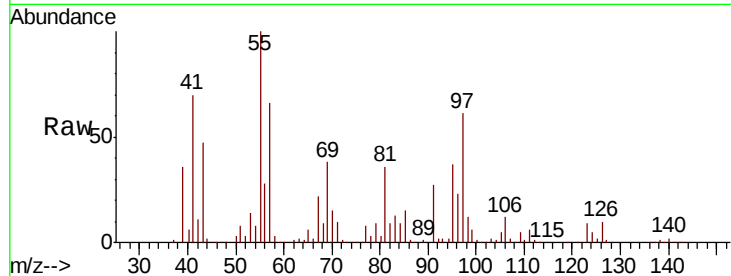
#69
o-Xylene
Concen: 22.893 ug/l
RT: 11.97 min Scan# 1092
Delta R.T. 0.03 min
Lab File: VD060750.D
Acq: 28 Dec 2018 16:59

Instrument :
MSVOA_D
ClientSampleId :
AOC2-06A

Tot Ion:106 Resp: 283292
Ion Ratio Lower Upper
106 100
91 222.5 101.5 304.5

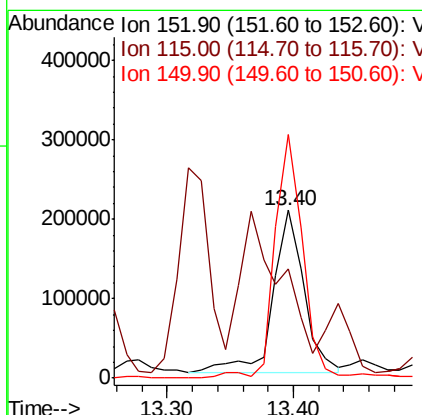
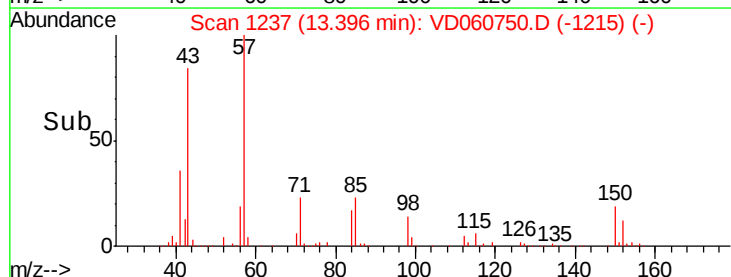
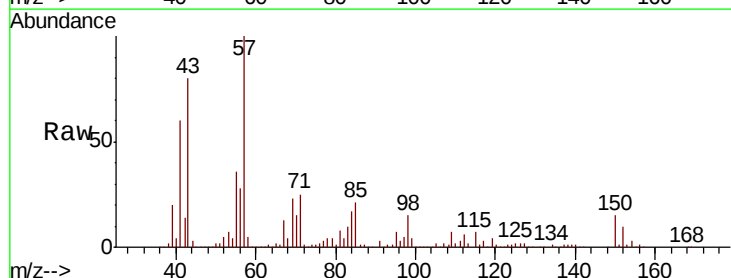
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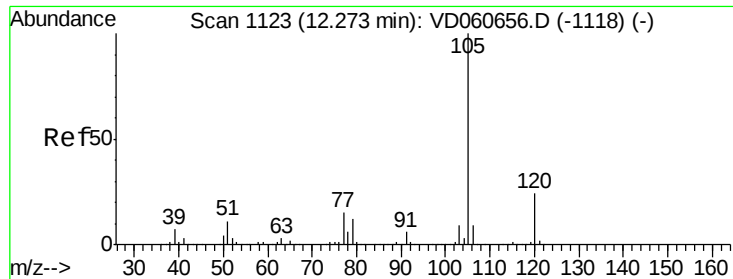
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.40 min Scan# 1237
Delta R.T. 0.02 min
Lab File: VD060750.D
Acq: 28 Dec 2018 16:59

Tgt Ion:152 Resp: 349314
Ion Ratio Lower Upper
152 100
115 65.6 24.1 72.3
150 145.4 0.0 315.0





#73

Isopropylbenzene

Concen: 317.130 ug/l

RT: 12.30 min Scan# 1126

Delta R.T. 0.03 min

Lab File: VD060750.D

Acq: 28 Dec 2018 16:59

Instrument :

MSVOA_D

ClientSampleId :

AOC2-06A

Tot Ion:105 Resp: 7887258

Ion Ratio Lower Upper

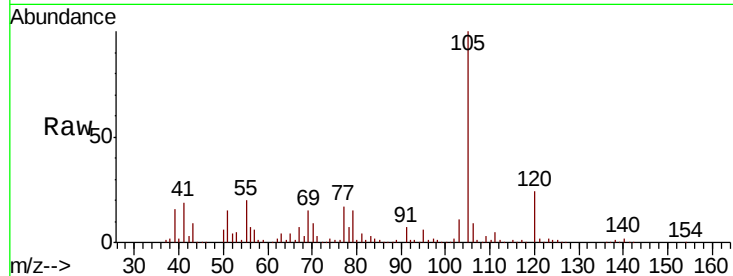
105 100

120 23.6 12.2 36.4

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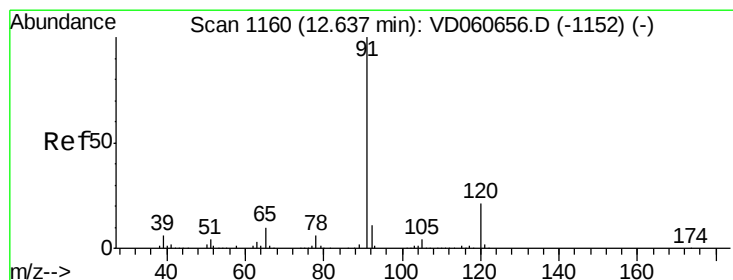
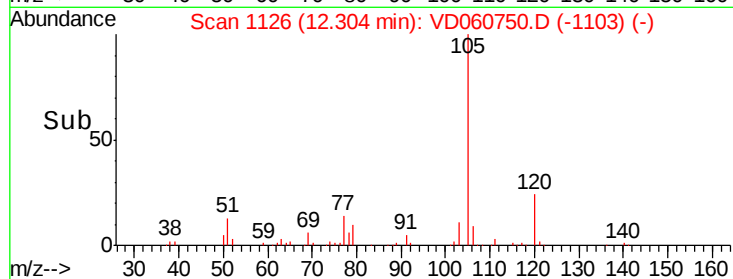
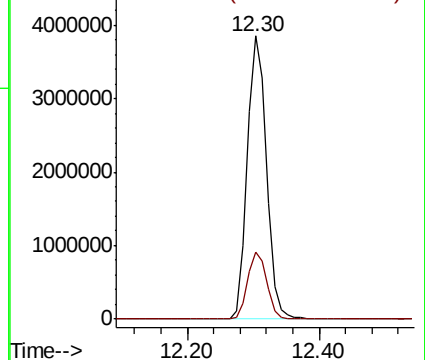
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Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#78

n-propylbenzene

Concen: 627.708 ug/l

RT: 12.68 min Scan# 1164

Delta R.T. 0.04 min

Lab File: VD060750.D

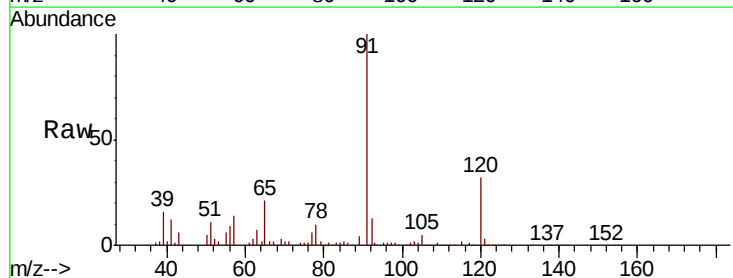
Acq: 28 Dec 2018 16:59

Tgt Ion: 91 Resp:19958350

Ion Ratio Lower Upper

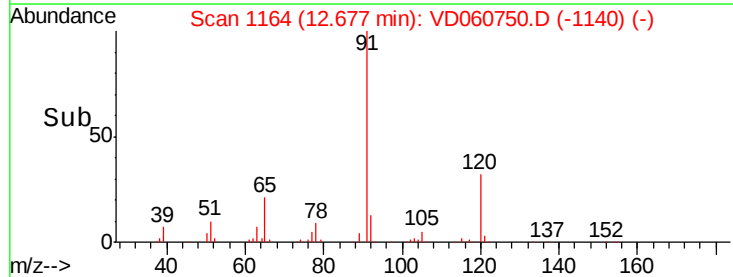
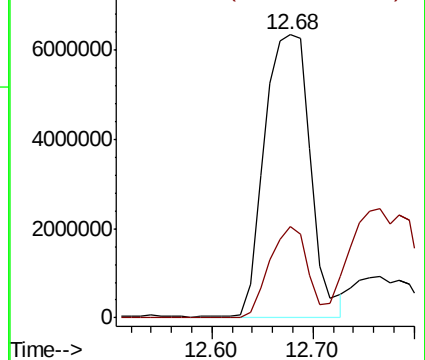
91 100

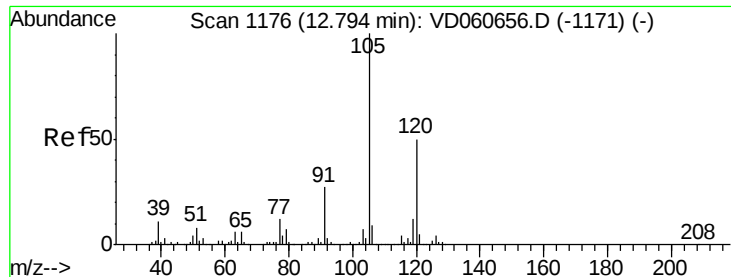
120 32.1 10.4 31.2#



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V





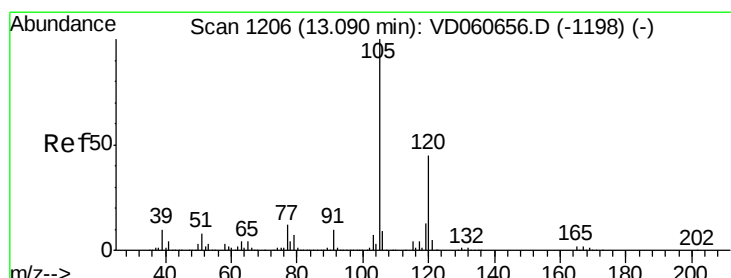
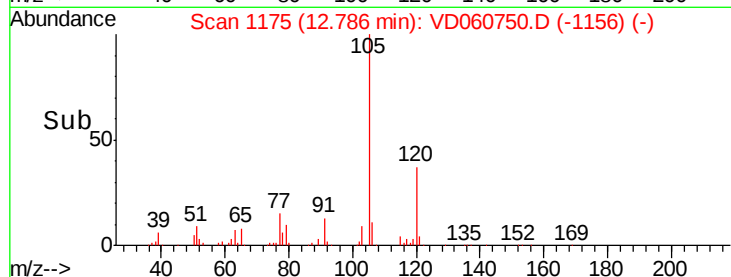
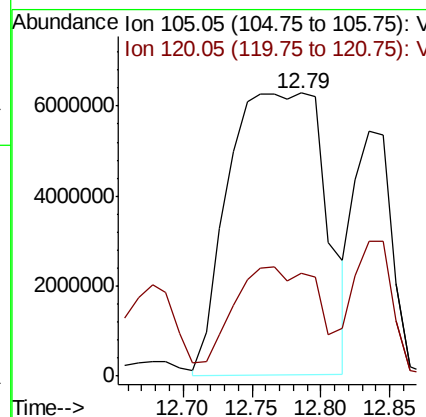
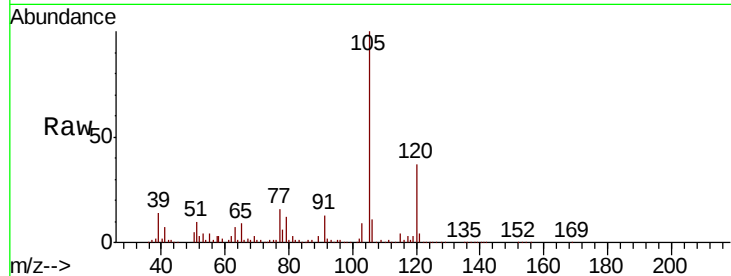
#80
 1,3,5-Trimethylbenzene
 Concen: 1591.053 ug/l
 RT: 12.79 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: VD060750.D
 Acq: 28 Dec 2018 16:59

Instrument :
 MSVOA_D
 ClientSampleId :
 AOC2-06A

Tot Ion:105 Resp:30555984
 Ion Ratio Lower Upper
 105 100
 120 36.6 24.8 74.4

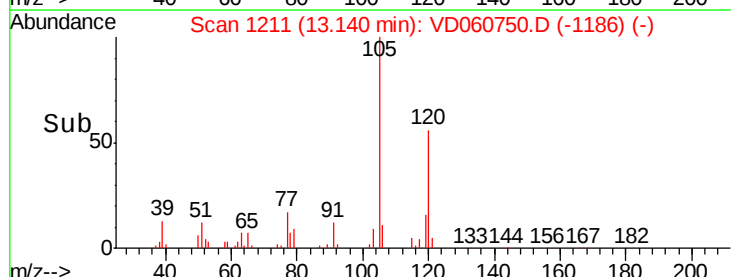
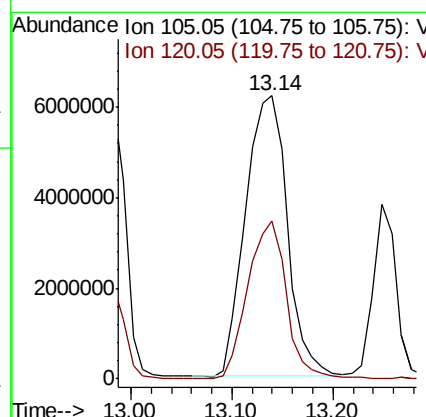
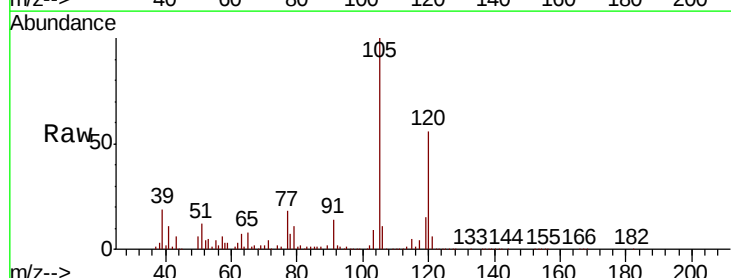
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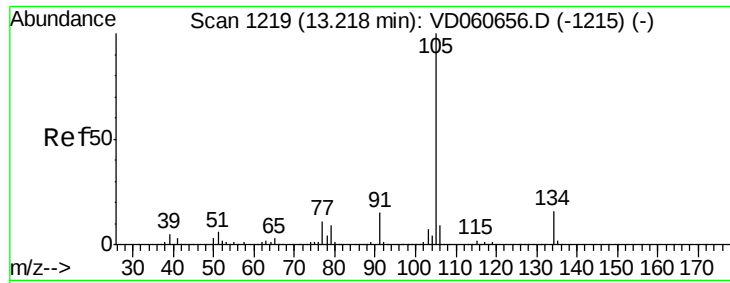
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#84
 1,2,4-Trimethylbenzene
 Concen: 901.722 ug/l
 RT: 13.14 min Scan# 1211
 Delta R.T. 0.05 min
 Lab File: VD060750.D
 Acq: 28 Dec 2018 16:59

Tgt Ion:105 Resp:17835817
 Ion Ratio Lower Upper
 105 100
 120 55.6 22.4 67.0





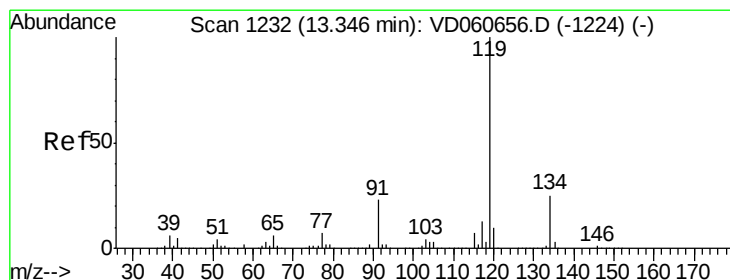
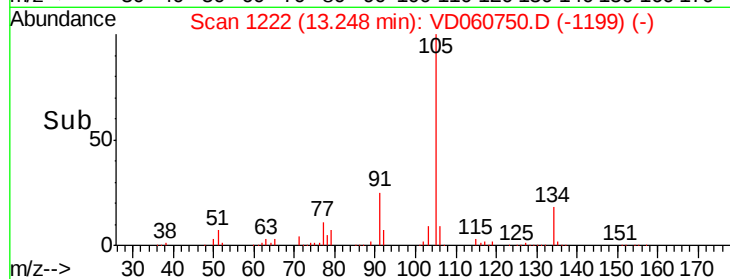
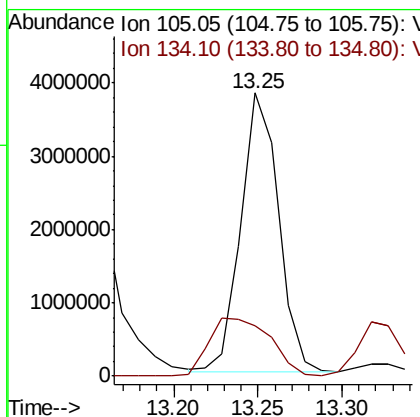
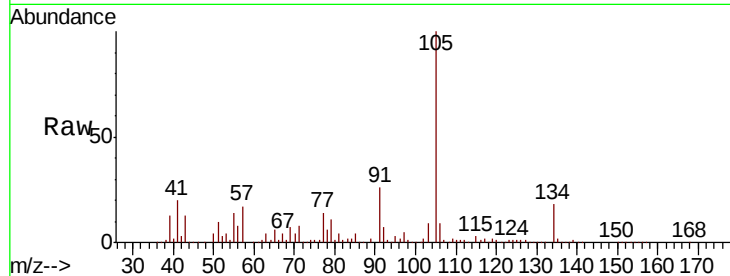
#85
 sec-Butylbenzene
 Concen: 221.316 ug/l
 RT: 13.25 min Scan# 1222
 Delta R.T. 0.03 min
 Lab File: VD060750.D
 Acq: 28 Dec 2018 16:59

Instrument :
 MSVOA_D
 ClientSampleId :
 AOC2-06A

Tot Ion:105 Resp: 5899081
 Ion Ratio Lower Upper
 105 100
 134 17.9 8.2 24.4

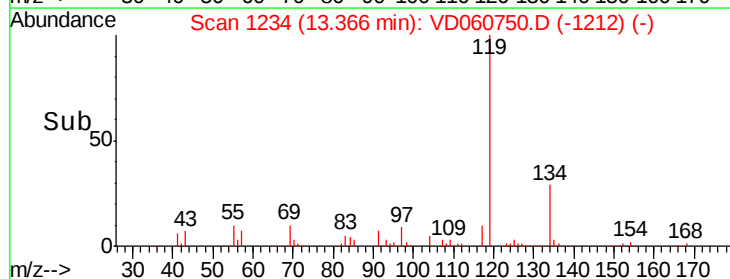
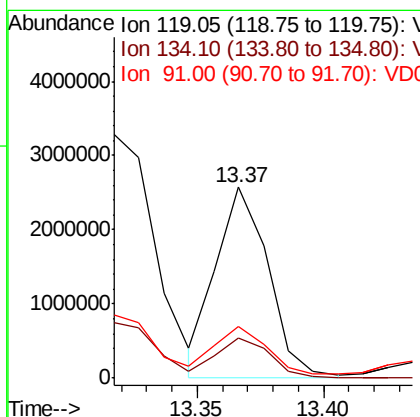
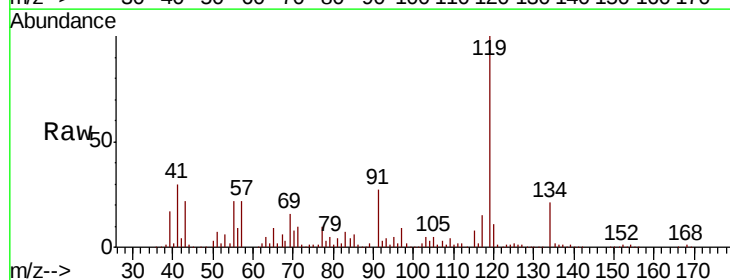
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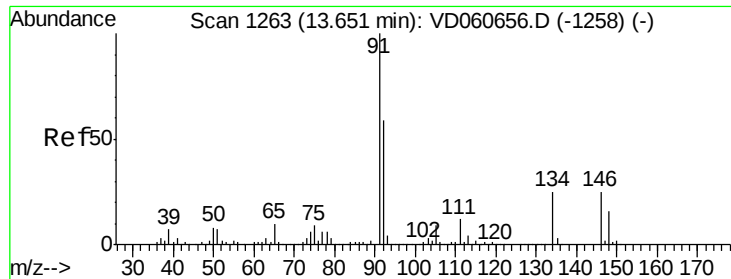
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#86
 p-Isopropyltoluene
 Concen: 171.138 ug/l
 RT: 13.37 min Scan# 1234
 Delta R.T. 0.02 min
 Lab File: VD060750.D
 Acq: 28 Dec 2018 16:59

Tgt Ion:119 Resp: 3682196
 Ion Ratio Lower Upper
 119 100
 134 21.0 12.5 37.5
 91 27.0 11.4 34.2





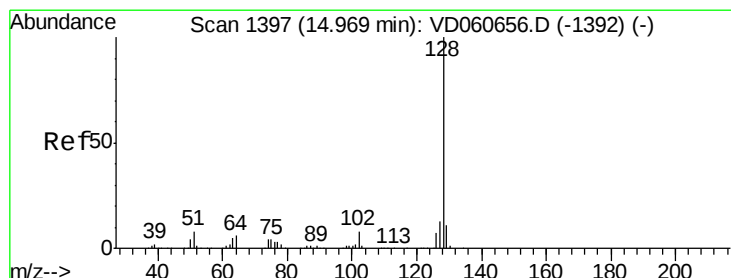
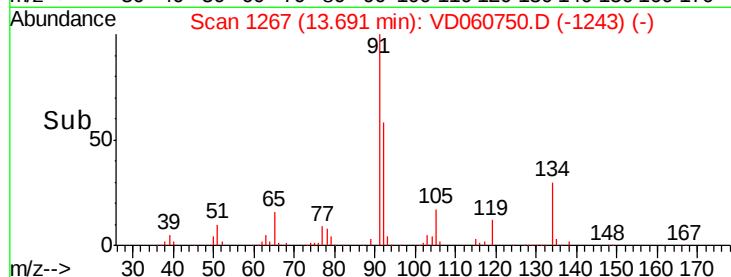
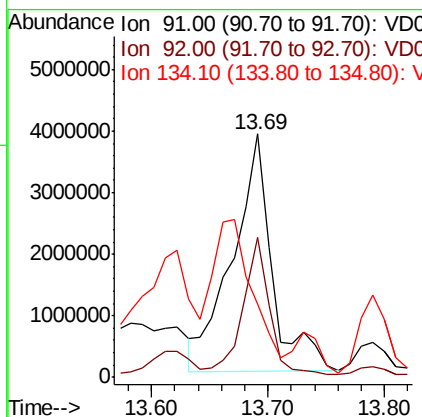
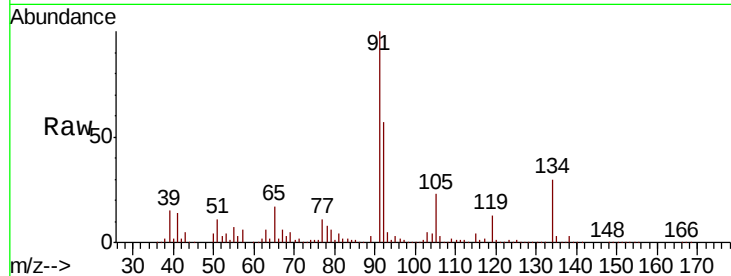
#89
n-Butylbenzene
Concen: 412.895 ug/l
RT: 13.69 min Scan# 1267
Delta R.T. 0.04 min
Lab File: VD060750.D
Acq: 28 Dec 2018 16:59

Instrument :
MSVOA_D
ClientSampled :
AOC2-06A

Tot Ion: 91 Resp: 9078364
Ion Ratio Lower Upper
91 100
92 57.3 29.7 89.1
134 29.9 12.7 38.1

Manual Integrations
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#95
Naphthalene
Concen: 2.140 ug/l
RT: 14.97 min Scan# 1397
Delta R.T. 0.00 min
Lab File: VD060750.D
Acq: 28 Dec 2018 16:59

Tgt Ion: 128 Resp: 19565
Ion Ratio Lower Upper
128 100
127 15.6 10.1 15.1#
129 24.6 8.6 13.0#

