

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091118\
 Data File : VW005278.D
 Acq On : 11 Sep 2018 16:19
 Operator : SY/AP
 Sample : J4724-16
 Misc : 5.33G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-SUT-4USTS-S

Manual Integrations
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 9/12/2018 10:48:27 AM

Quant Time: Sep 11 18:38:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 03:48:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	389139	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	708994	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	437306	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	912301	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	197608	68.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	136.16%	
35) Dibromofluoromethane	7.89	113	191126	51.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.92%	
50) Toluene-d8	10.33	98	926664	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
62) 4-Bromofluorobenzene	12.61	95	13864156	2019.68	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	4039.36%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.68	74	2378	1.43	ug/l #	23
16) Acetone	4.14	43	104493	193.96	ug/l	96
17) Carbon Disulfide	4.37	76	89509	8.32	ug/l	100
20) Methylene Chloride	4.92	84	33070	5.32	ug/l	98
25) 2-Butanone	7.19	43	33640	39.59	ug/l	94
29) Tetrahydrofuran	7.55	42	2068	3.61	ug/l	94
39) Methylcyclohexane	9.34	83	198179	22.98	ug/l	94
59) 2-Hexanone	10.96	43	22064637	11854.09	ug/l #	26
64) Tetrachloroethene	10.87	164	135437	41.74	ug/l	97
67) Ethyl Benzene	11.75	91	9096912	545.28	ug/l	99
68) m/p-Xylenes	11.87	106	5169606	768.96	ug/l	94
73) Isopropylbenzene	12.49	105	18927156	293.63	ug/l	96
80) 1,3,5-Trimethylbenzene	12.88	105	71396611m	1300.77	ug/l	
84) 1,2,4-Trimethylbenzene	13.26	105	34617848m	627.63	ug/l	
85) sec-Butylbenzene	13.40	105	18603103	269.65	ug/l #	46
86) p-Isopropyltoluene	13.52	119	17283675	283.00	ug/l	82
89) n-Butylbenzene	13.84	91	16541734	288.12	ug/l #	71
95) Naphthalene	15.38	128	442214	13.76	ug/l	99

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

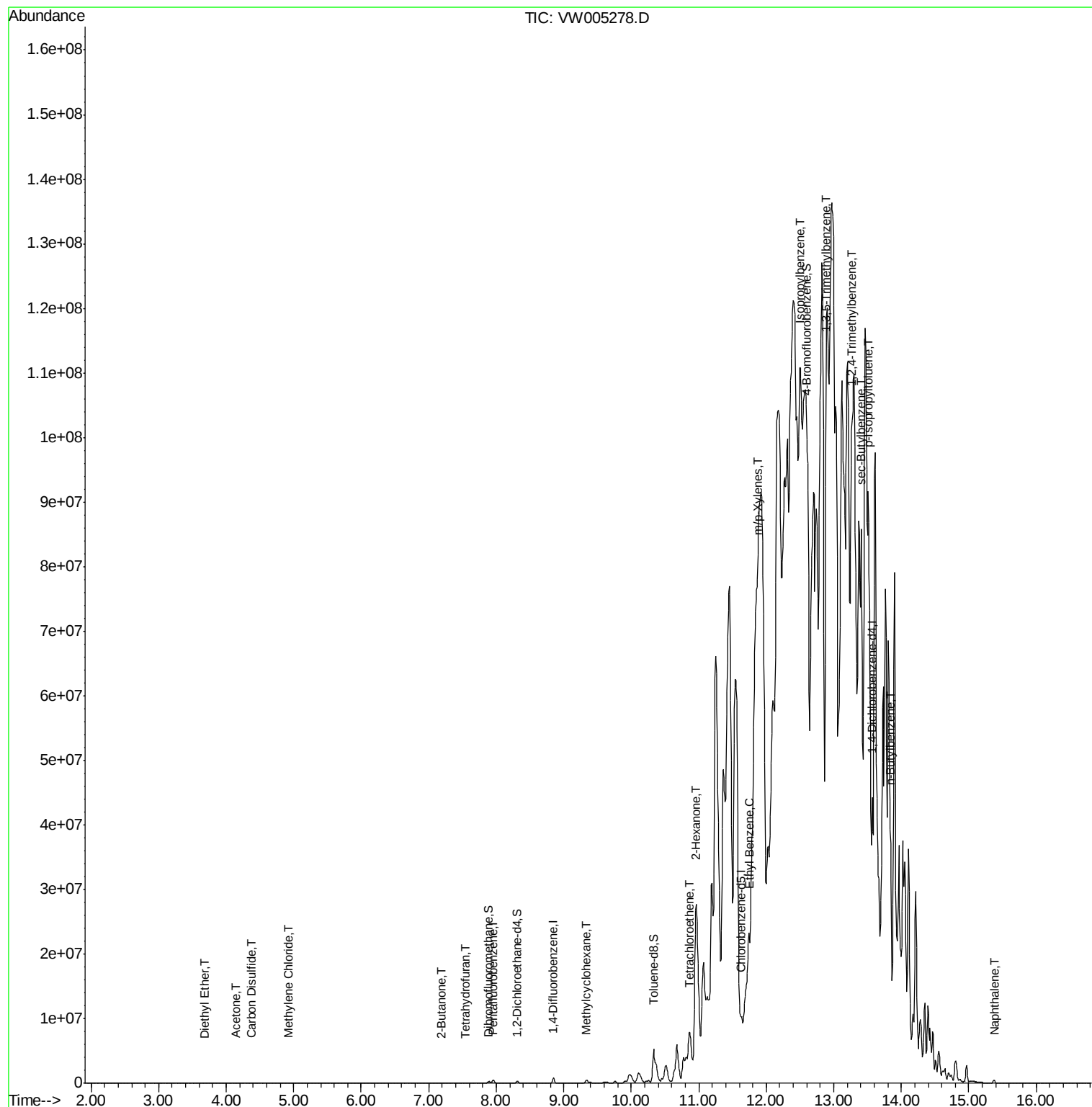
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091118\
Data File : VW005278.D
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ALS Vial : 15 Sample Multiplier: 1

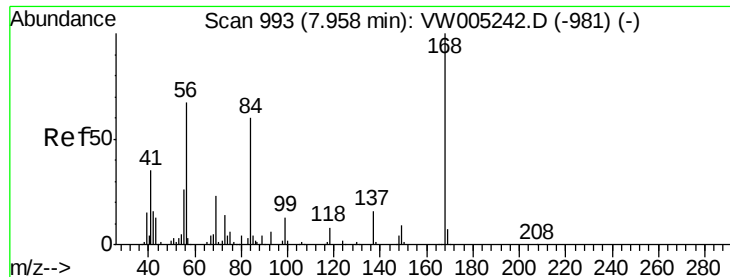
Instrument :
MSVOA_W
ClientSampleId :
EP1-SUT-4USTS-S

Manual Integrations
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Quant Time: Sep 11 18:38:54 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
Quant Title : SW846 8260
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Response via : Initial Calibration





#1

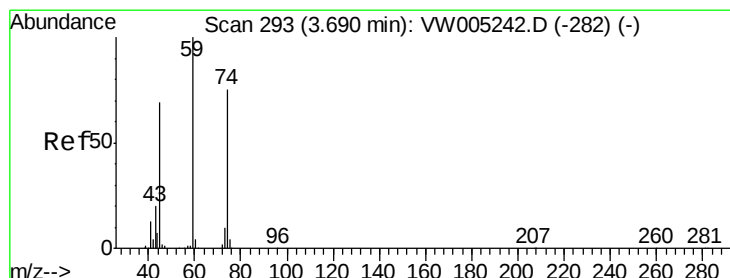
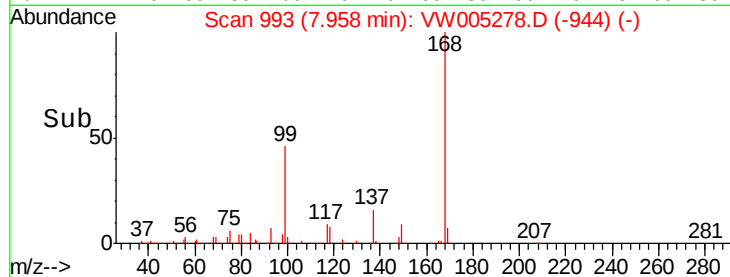
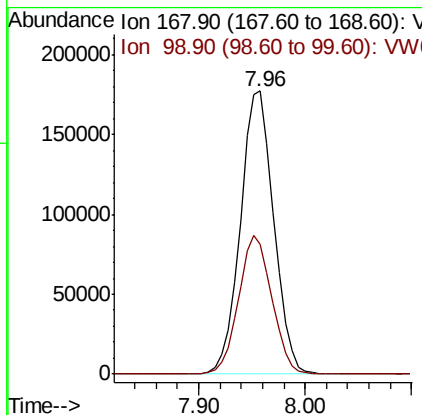
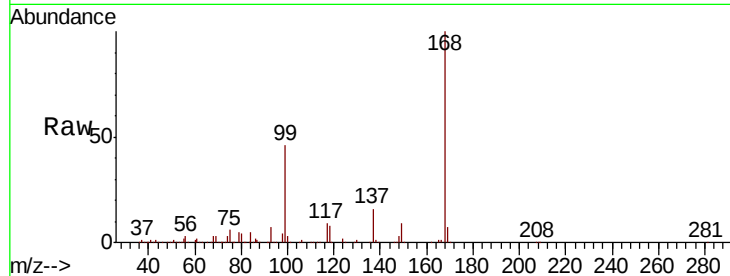
Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. 0.00 min
 Lab File: VW005278.D
 Acq: 11 Sep 2018 16:19

Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-SUT-4USTS-S

Tot Ion	Ratio	Lower	Upper
168	100		
99	45.8	39.1	58.7

Manual Integrations
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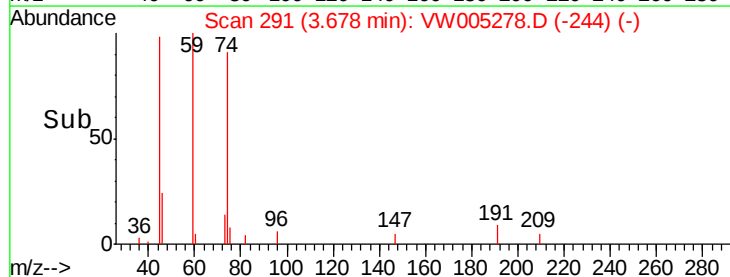
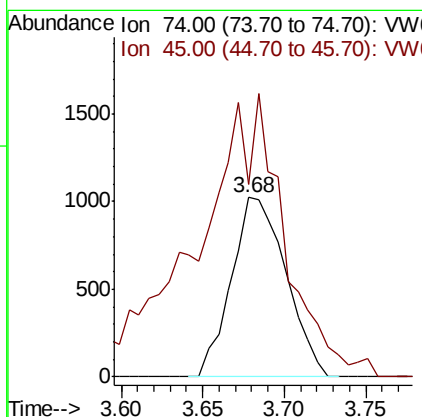
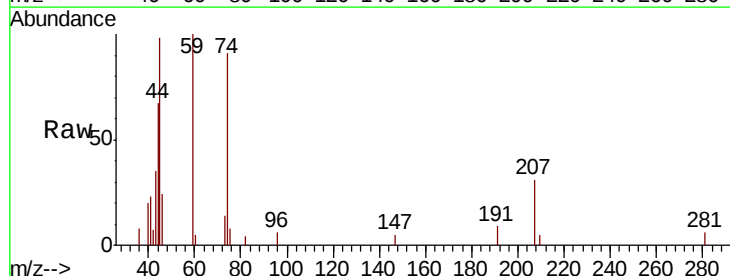
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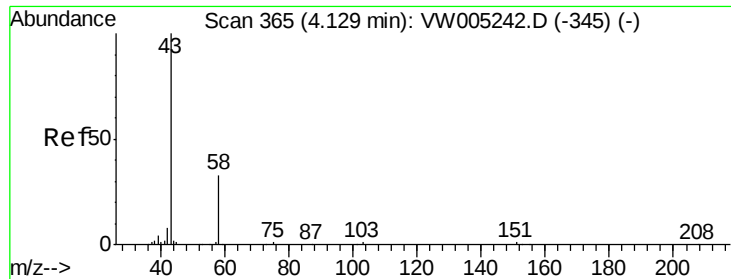


#8

Diethyl Ether
 Concen: 1.43 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW005278.D
 Acq: 11 Sep 2018 16:19

Tgt Ion	Ratio	Lower	Upper
74	100		
45	163.0	45.1	135.3





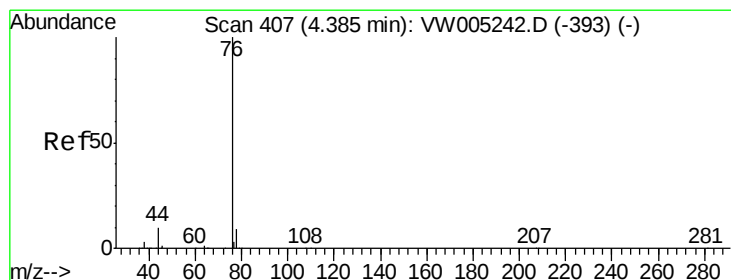
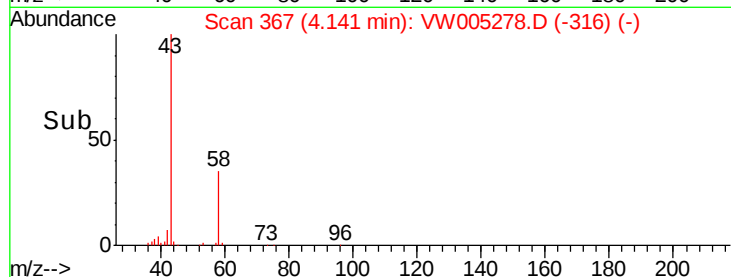
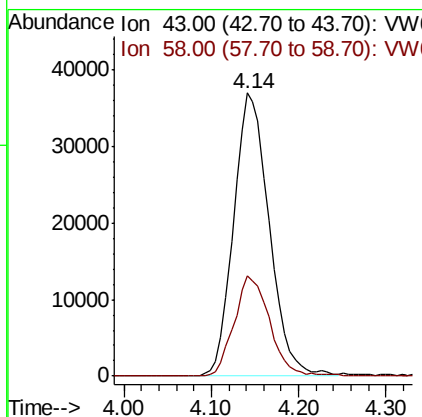
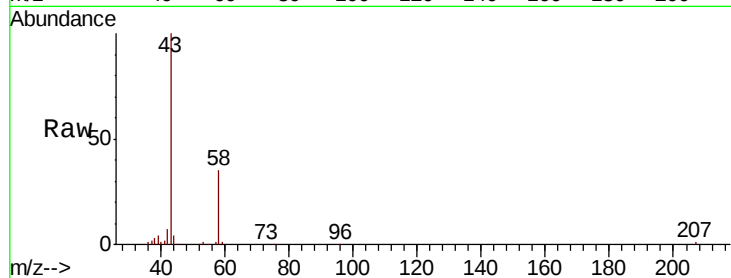
#16
Acetone
Concen: 193.96 ug/l
RT: 4.14 min Scan# 367
Delta R.T. 0.01 min
Lab File: VW005278.D
Acq: 11 Sep 2018 16:19

Instrument :
MSVOA_W
ClientSampleId :
EP1-SUT-4USTS-S

Tot Ion: 43 Resp: 104493
Ion Ratio Lower Upper
43 100
58 35.5 26.7 40.1

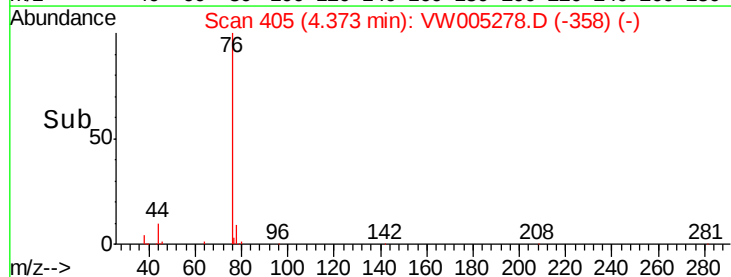
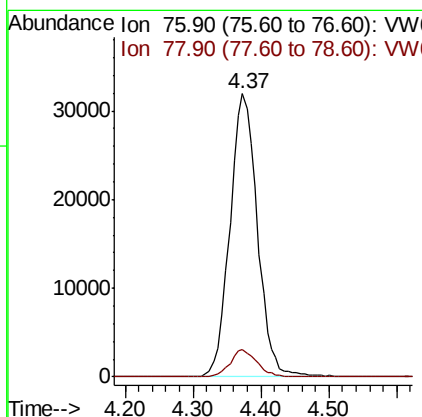
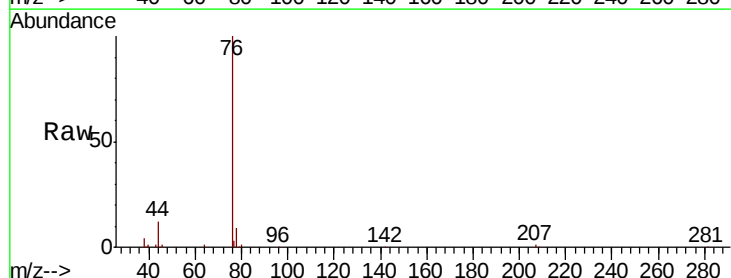
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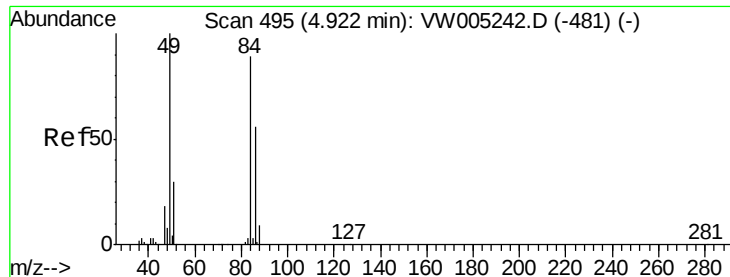
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#17
Carbon Disulfide
Concen: 8.32 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW005278.D
Acq: 11 Sep 2018 16:19

Tgt Ion: 76 Resp: 89509
Ion Ratio Lower Upper
76 100
78 9.5 7.5 11.3





#20

Methylene Chloride

Concen: 5.32 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW005278.D

Acq: 11 Sep 2018 16:19

Instrument :

MSVOA_W

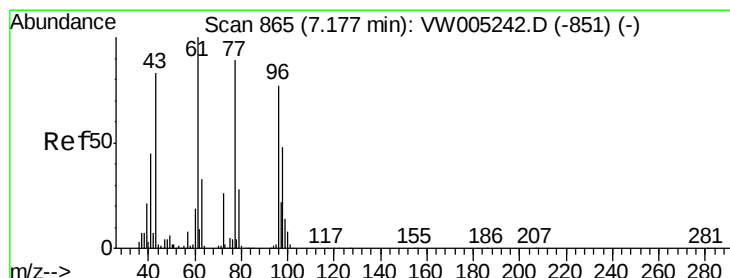
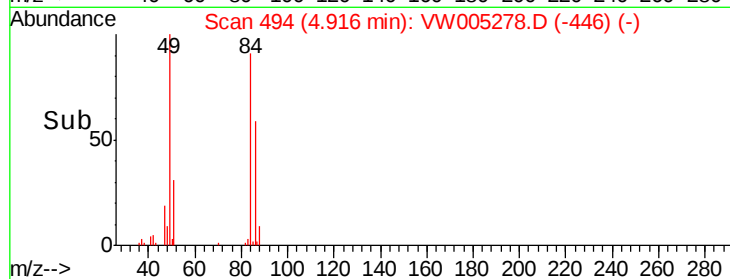
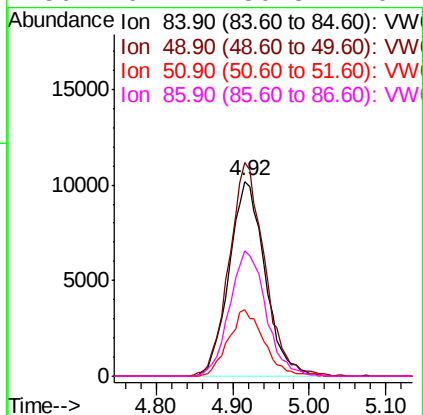
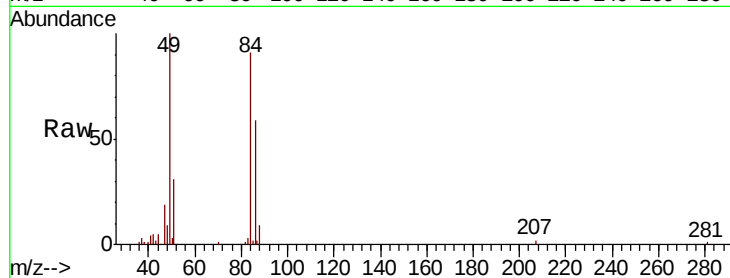
ClientSampleId :

EP1-SUT-4USTS-S

Tot Ion:	84	Resp:	33070
Ion	Ratio	Lower	Upper
84	100		
49	109.8	90.3	135.5
51	34.4	26.9	40.3
86	64.7	50.8	76.2

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#25

2-Butanone

Concen: 39.59 ug/l

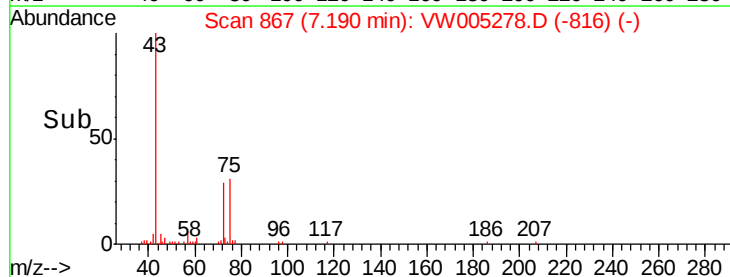
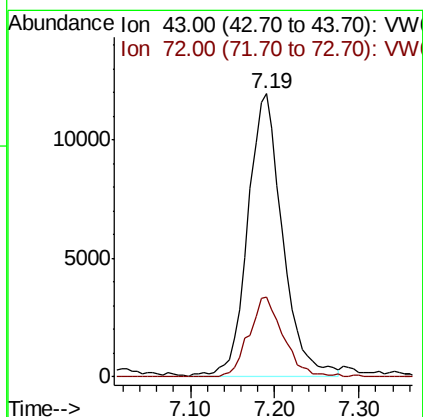
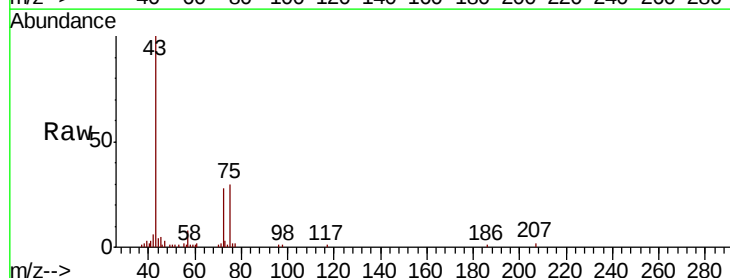
RT: 7.19 min Scan# 867

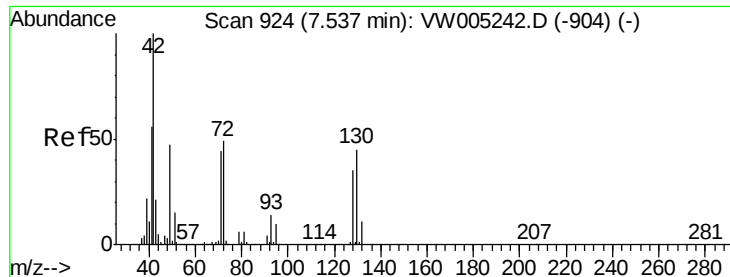
Delta R.T. 0.01 min

Lab File: VW005278.D

Acq: 11 Sep 2018 16:19

Tgt Ion:	43	Resp:	33640
Ion	Ratio	Lower	Upper
43	100		
72	28.2	25.0	37.6





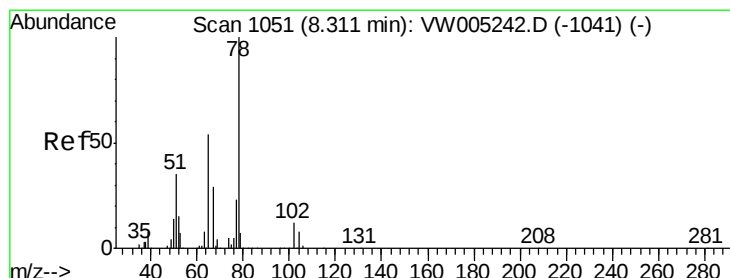
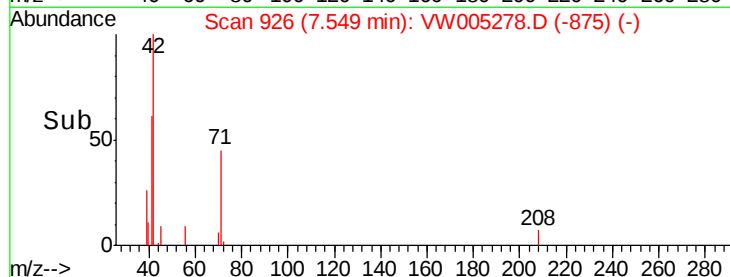
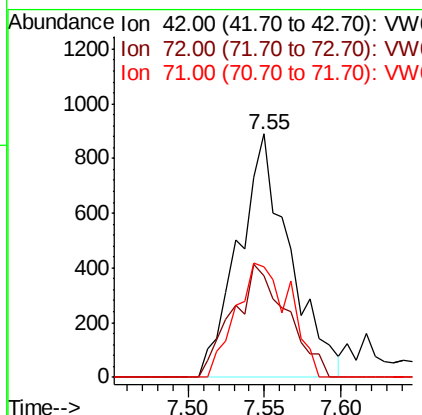
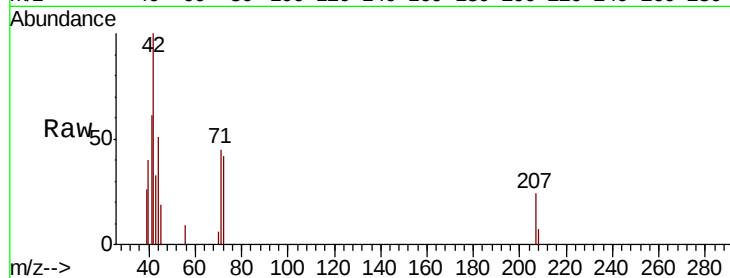
#29
Tetrahydrofuran
Concen: 3.61 ug/l
RT: 7.55 min Scan# 926
Delta R.T. 0.01 min
Lab File: VW005278.D
Acq: 11 Sep 2018 16:19

Instrument :
MSVOA_W
ClientSampleId :
EP1-SUT-4USTS-S

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.0	37.5	56.3
71	49.1	34.8	52.2

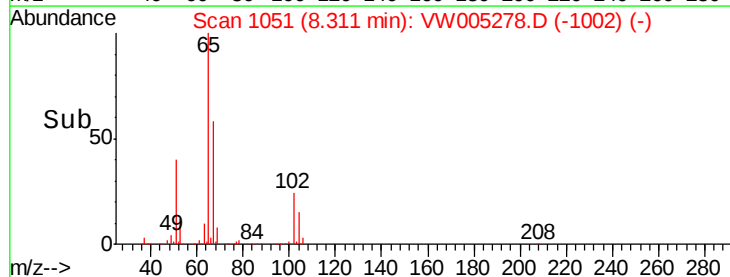
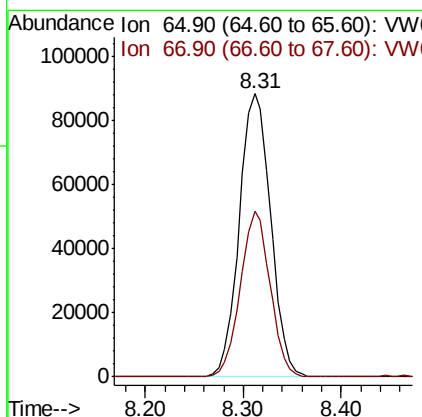
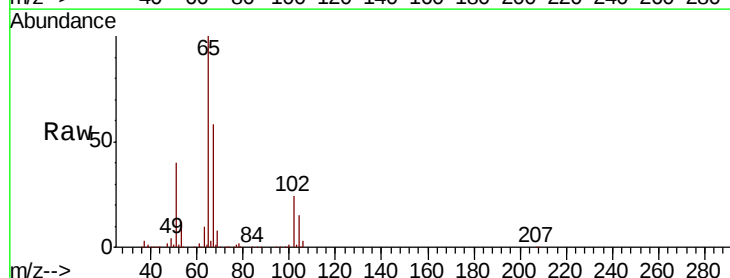
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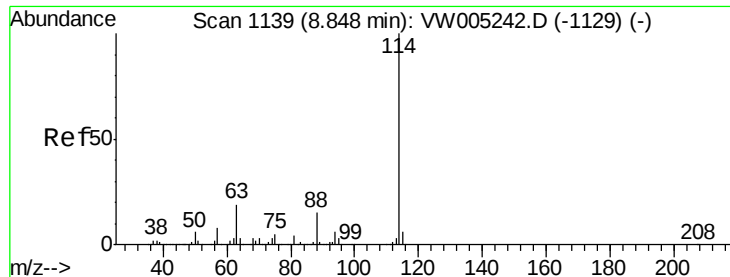
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#33
1,2-Dichloroethane-d4
Concen: 68.08 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW005278.D
Acq: 11 Sep 2018 16:19

Tgt Ion	Ratio	Lower	Upper
65	100		
67	55.4	0.0	112.2





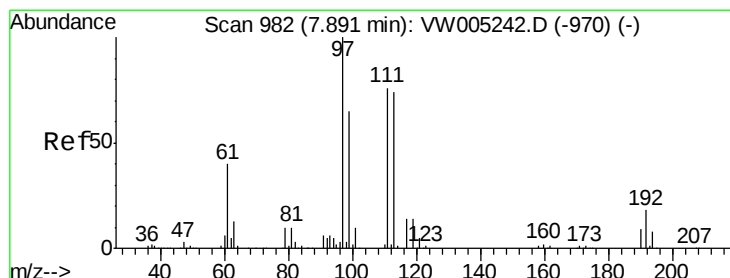
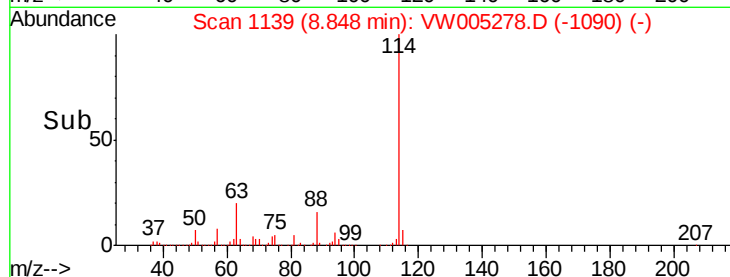
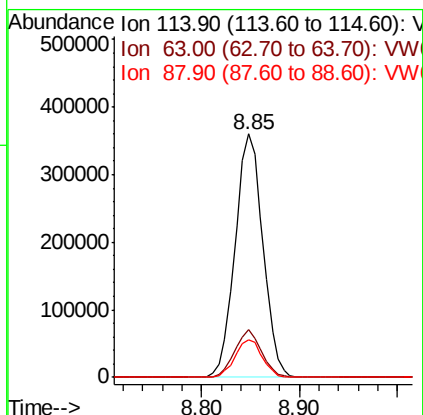
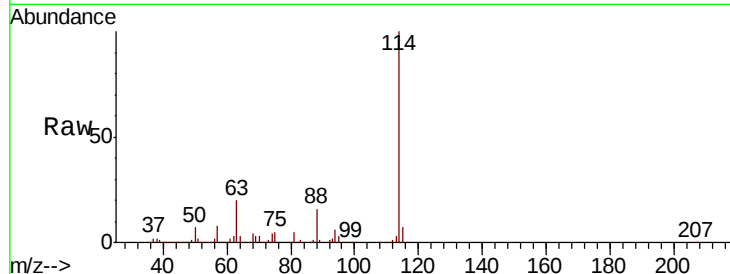
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW005278.D
 Acq: 11 Sep 2018 16:19

Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-SUT-4USTS-S

Tot Ion	Ratio	Resp	Lower	Upper
114	100	708994		
63	19.6		0.0	37.0
88	15.6		0.0	30.4

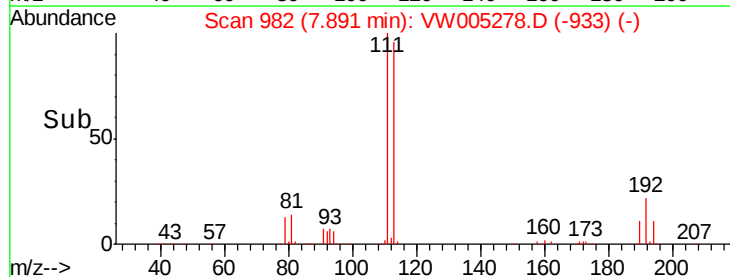
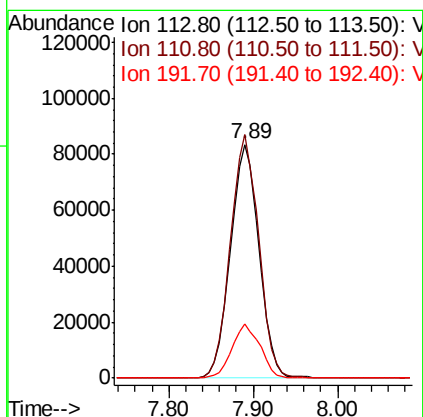
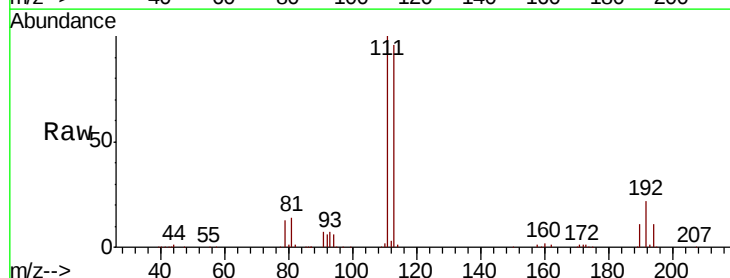
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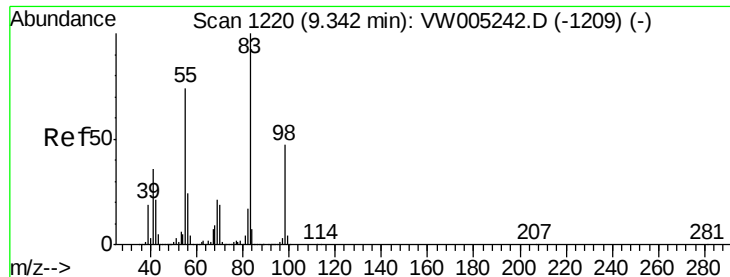
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#35
 Dibromofluoromethane
 Concen: 51.46 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW005278.D
 Acq: 11 Sep 2018 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	191126		
111	103.6		80.6	121.0
192	22.9		18.3	27.5





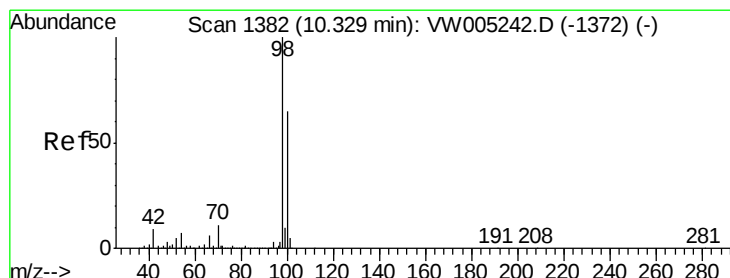
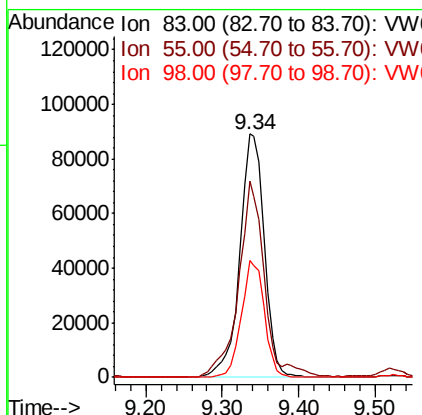
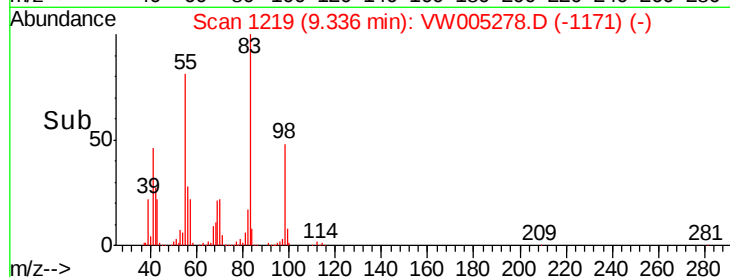
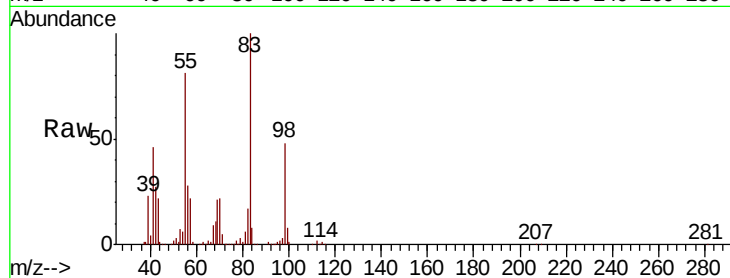
#39
Methvlcvclohexane
Concen: 22.98 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW005278.D
Acq: 11 Sep 2018 16:19

Instrument :
MSVOA_W
ClientSampleId :
EP1-SUT-4USTS-S

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.7	58.9	88.3
98	48.2	37.6	56.4

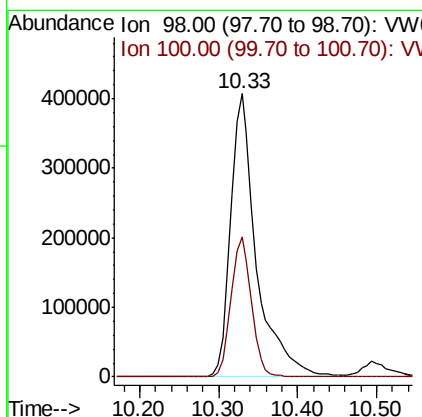
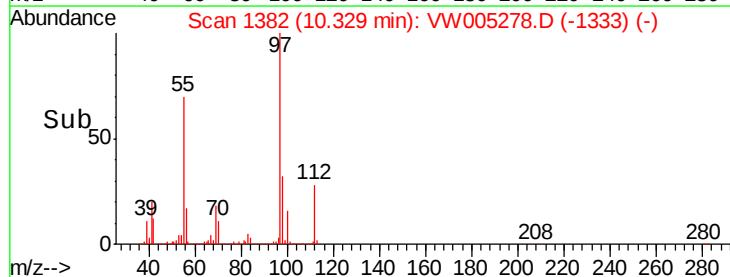
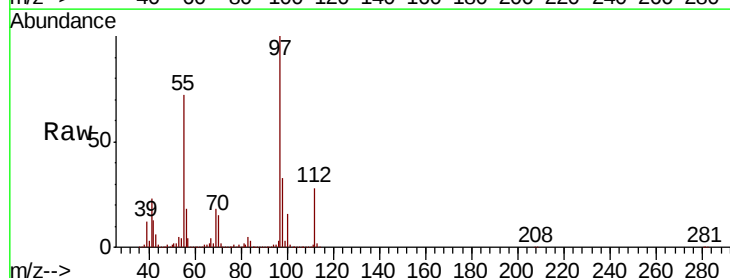
Manual Integrations
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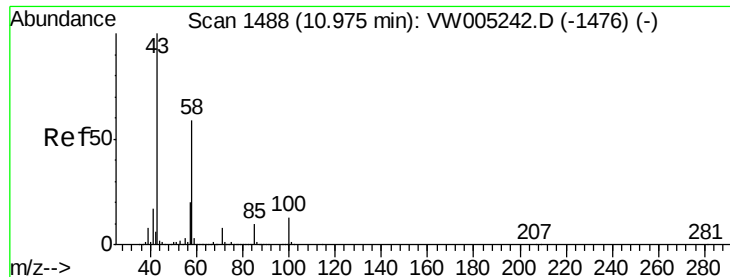
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#50
Toluene-d8
Concen: 49.38 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW005278.D
Acq: 11 Sep 2018 16:19

Tgt Ion	Ratio	Lower	Upper
98	100		
100	39.0	52.0	78.0#





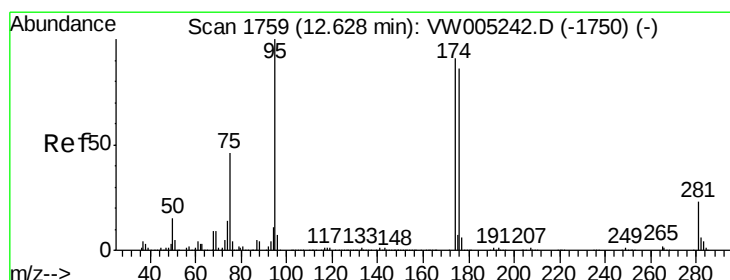
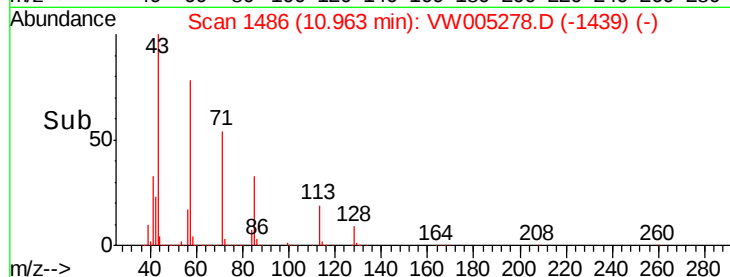
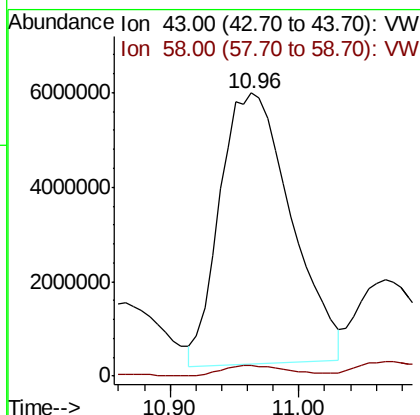
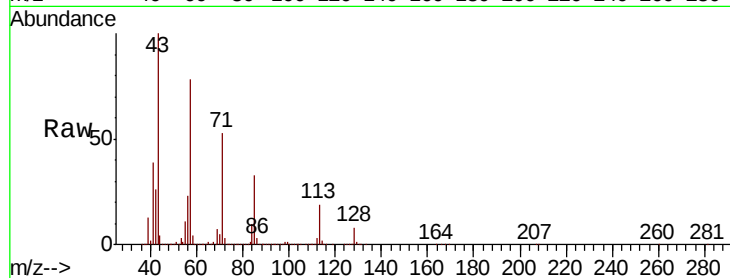
#59
2-Hexanone
Concen: 11854.09 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. -0.01 min
Lab File: VW005278.D
Acq: 11 Sep 2018 16:19

Instrument :
MSVOA_W
ClientSampleId :
EP1-SUT-4USTS-S

Tot Ion: 43 Resp:22064637
Ion Ratio Lower Upper
43 100
58 3.4 29.3 87.9#

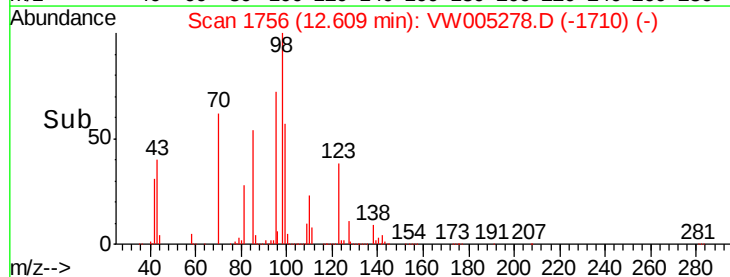
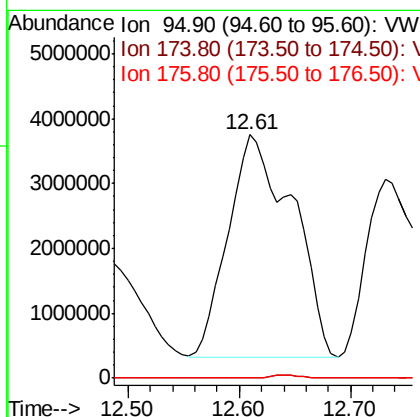
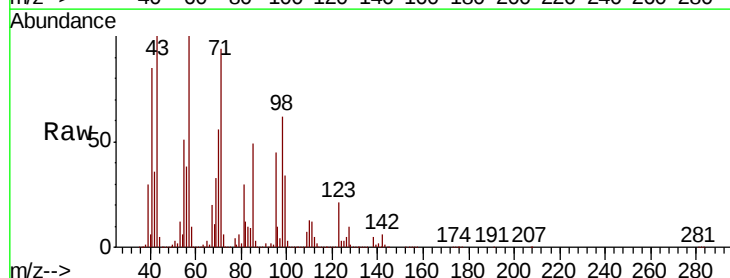
Manual Integrations
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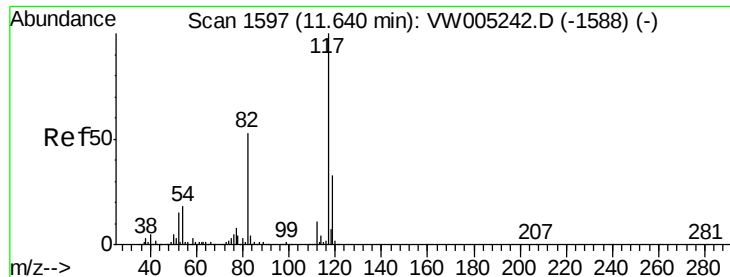
apatel
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#62
4-Bromofluorobenzene
Concen: 2019.68 ug/l
RT: 12.61 min Scan# 1756
Delta R.T. -0.02 min
Lab File: VW005278.D
Acq: 11 Sep 2018 16:19

Tgt Ion: 95 Resp:13864156
Ion Ratio Lower Upper
95 100
174 0.0 0.0 174.6
176 0.0 0.0 167.6





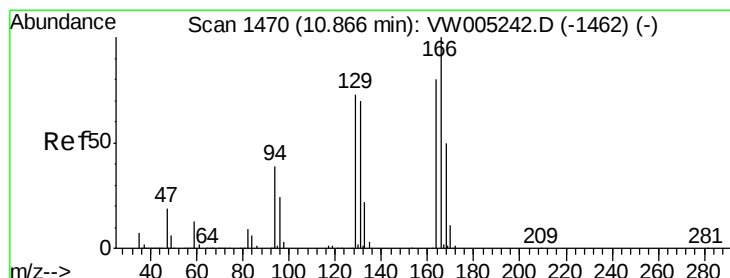
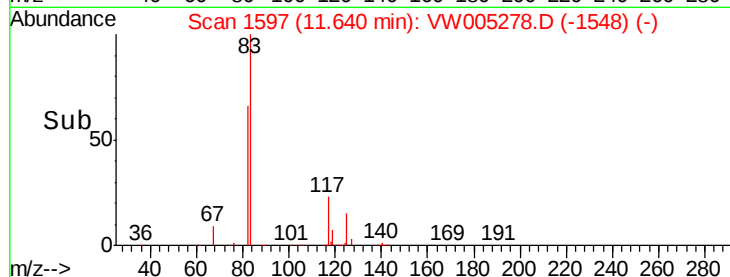
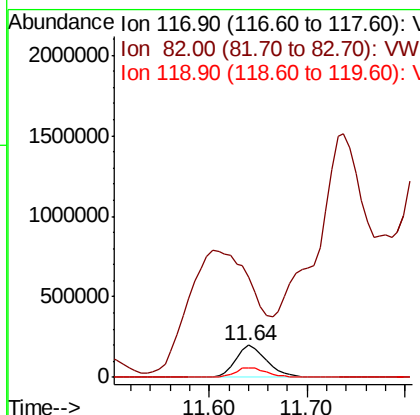
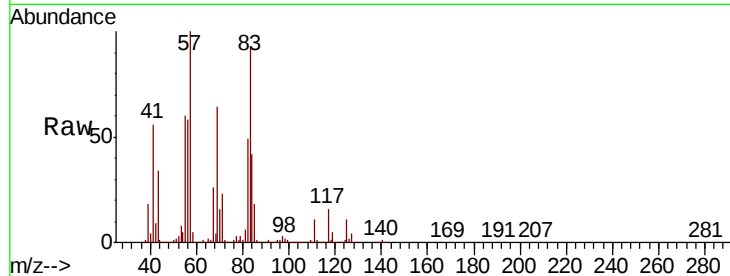
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.00 min
Lab File: VW005278.D
Acq: 11 Sep 2018 16:19

Instrument :
MSVOA_W
ClientSampleId :
EP1-SUT-4USTS-S

Tot Ion	Ratio	Lower	Upper
117	100		
82	66.0	42.6	63.8#
119	31.4	26.2	39.4

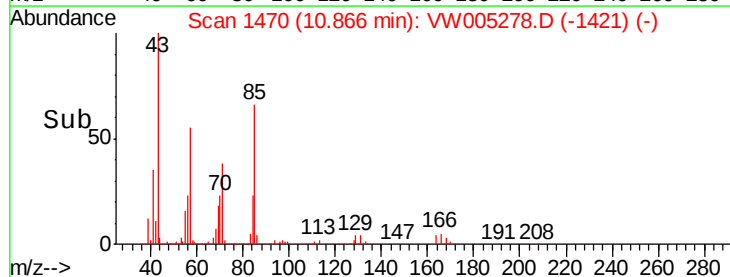
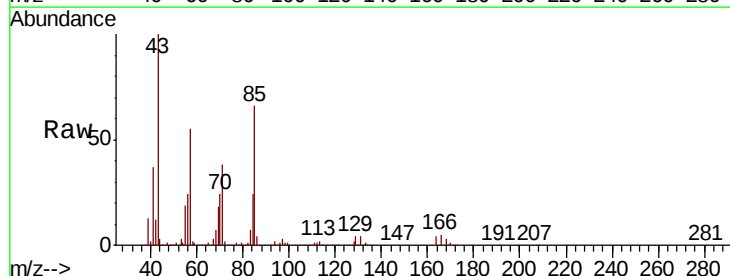
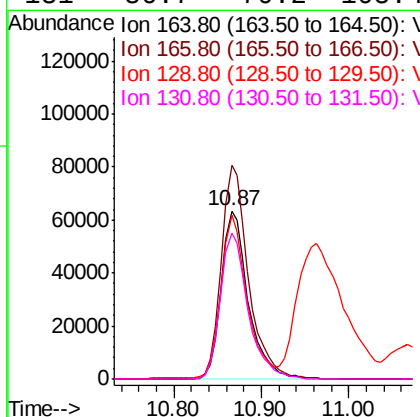
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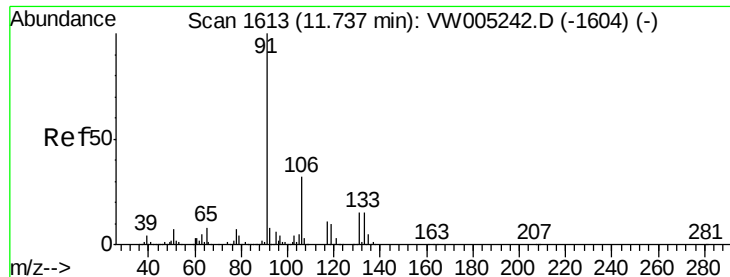
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#64
Tetrachloroethene
Concen: 41.74 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW005278.D
Acq: 11 Sep 2018 16:19

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.2	100.2	150.2
129	97.1	73.2	109.8
131	86.7	70.2	105.4





#67

Ethyl Benzene

Concen: 545.28 ug/l

RT: 11.75 min Scan# 1615

Delta R.T. 0.01 min

Lab File: VW005278.D

Acq: 11 Sep 2018 16:19

Instrument :

MSVOA_W

ClientSampleId :

EP1-SUT-4USTS-S

Tot Ion: 91 Resp: 9096912

Ion Ratio Lower Upper

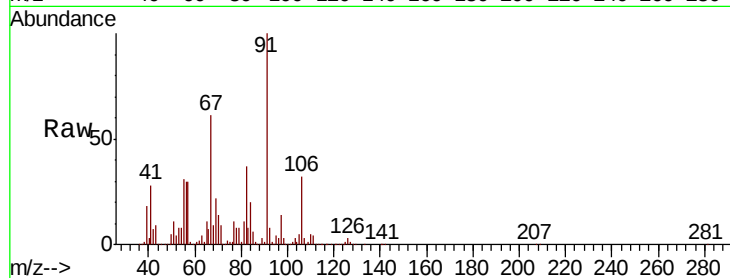
91 100

106 32.4 25.6 38.4

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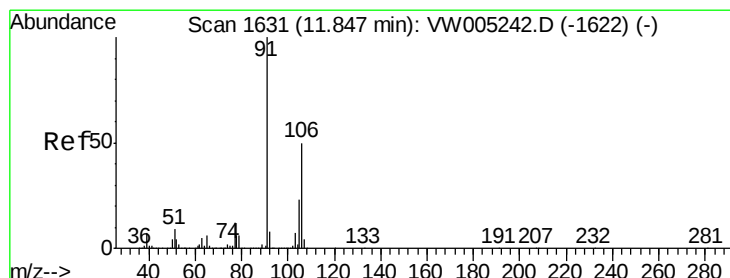
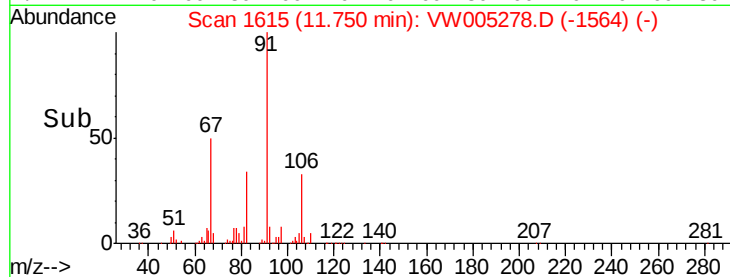
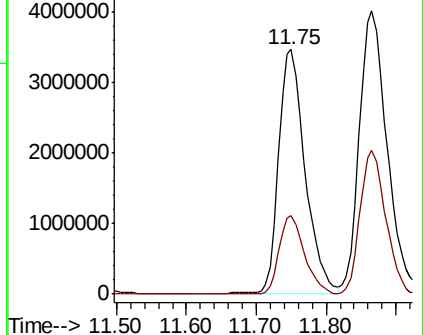
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 768.96 ug/l

RT: 11.87 min Scan# 1634

Delta R.T. 0.02 min

Lab File: VW005278.D

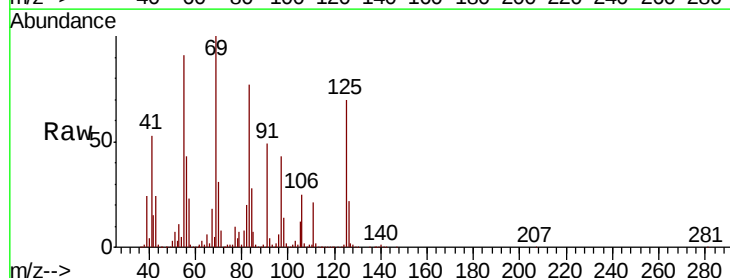
Acq: 11 Sep 2018 16:19

Tgt Ion: 106 Resp: 5169606

Ion Ratio Lower Upper

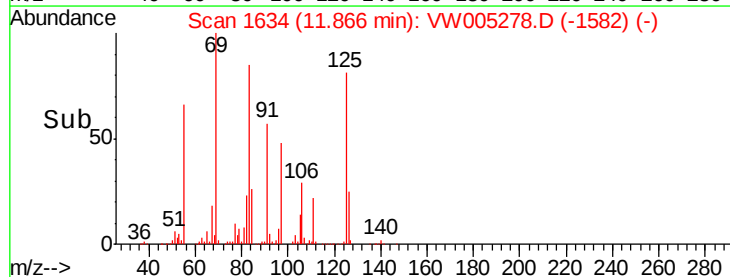
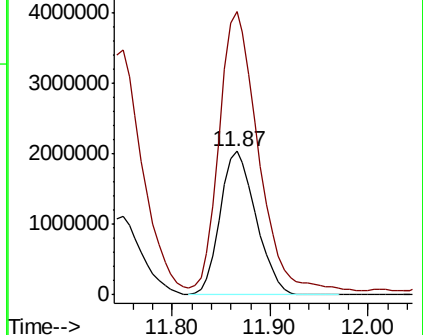
106 100

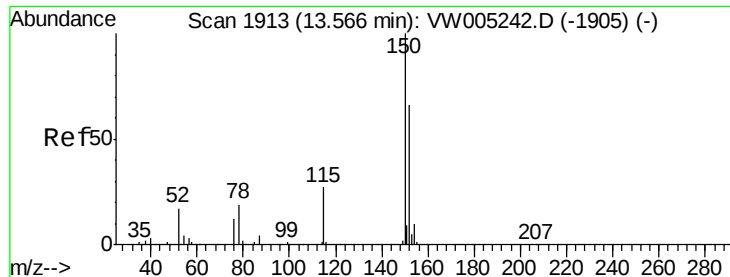
91 210.0 160.2 240.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW005278.D

Acq: 11 Sep 2018 16:19

Instrument :

MSVOA_W

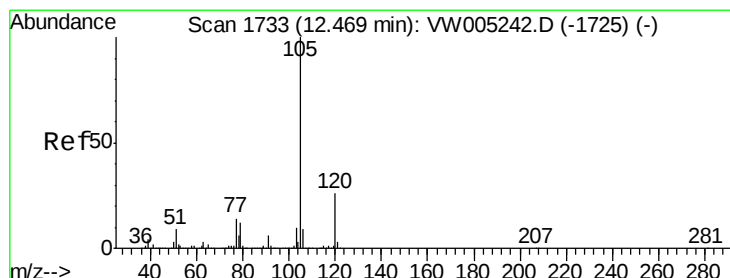
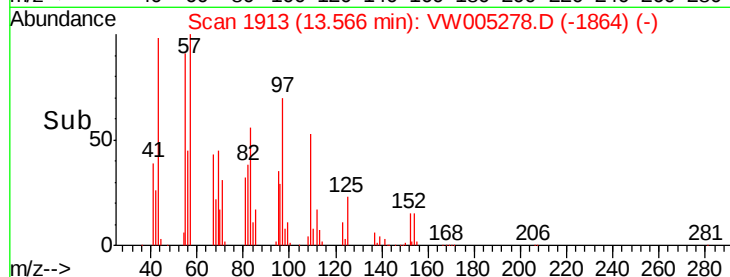
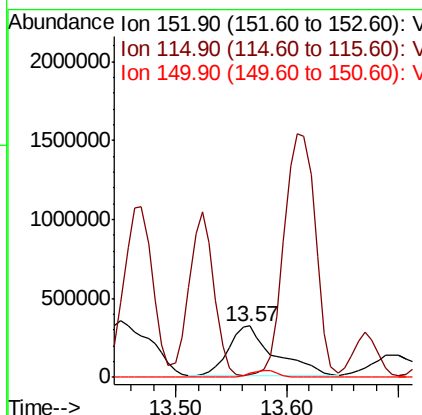
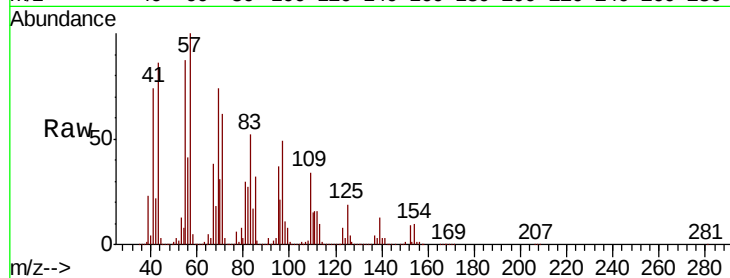
ClientSampleId :

EP1-SUT-4USTS-S

Tot Ion	Ratio	Lower	Upper
152	100		
115	0.0	27.5	82.4#
150	8.4	0.0	347.4

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#73

Isopropylbenzene

Concen: 293.63 ug/l

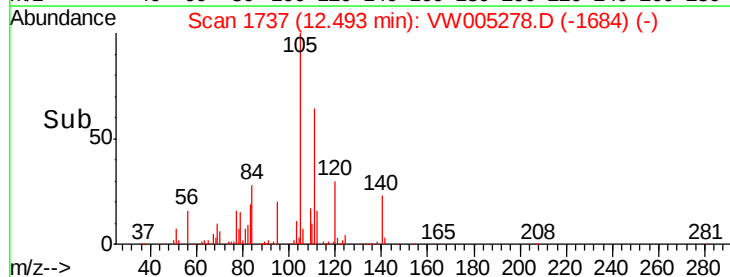
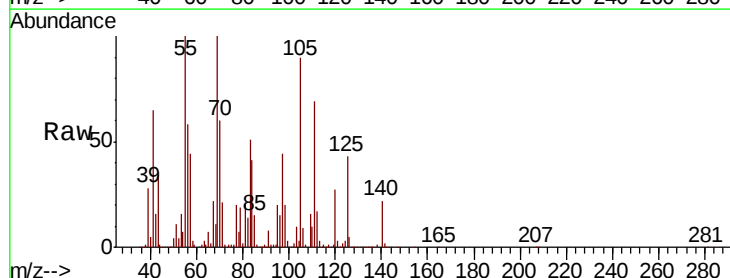
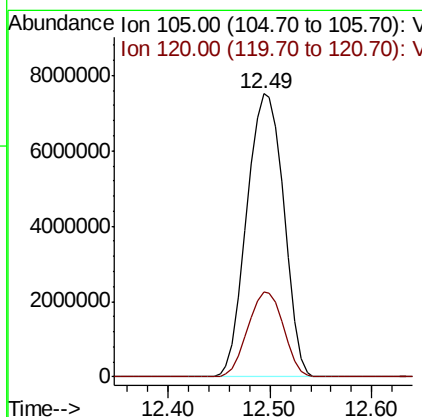
RT: 12.49 min Scan# 1737

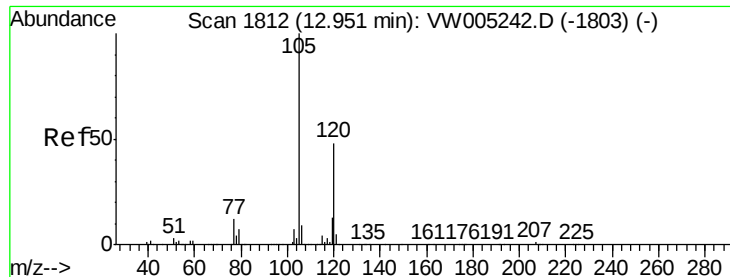
Delta R.T. 0.02 min

Lab File: VW005278.D

Acq: 11 Sep 2018 16:19

Tgt Ion	Ratio	Lower	Upper
105	100		
120	28.9	13.4	40.1





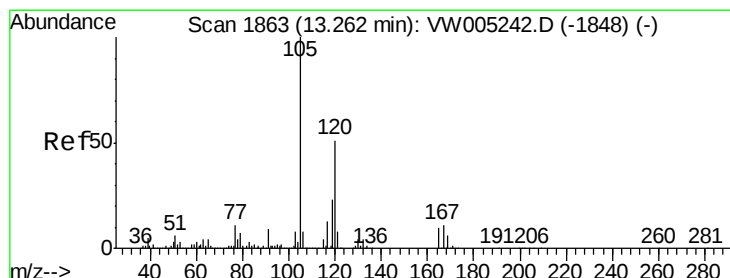
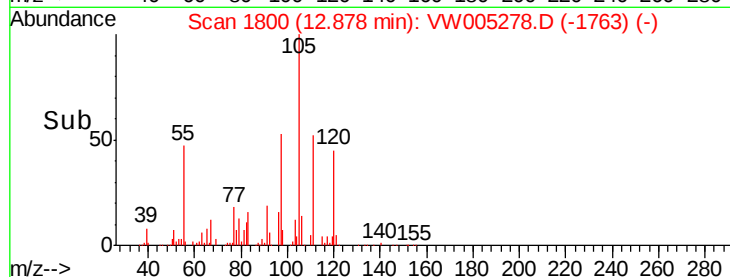
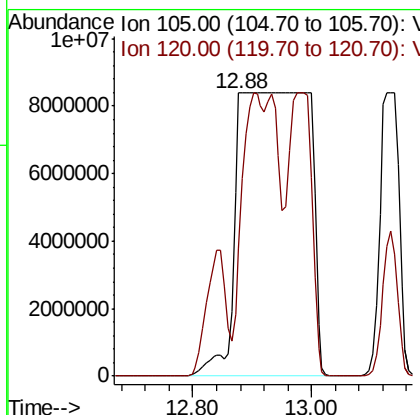
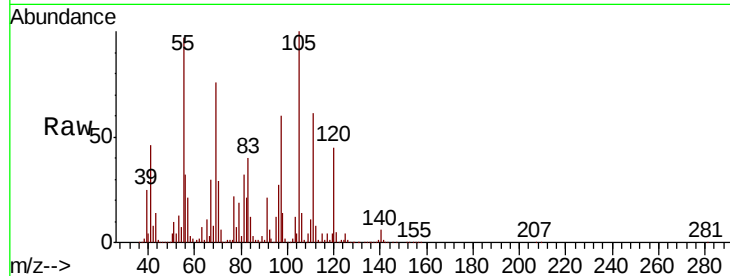
#80
 1,3,5-Trimethylbenzene
 Concen: 1300.77 ug/l m
 RT: 12.88 min Scan# 1800
 Delta R.T. -0.07 min
 Lab File: VW005278.D
 Acq: 11 Sep 2018 16:19

Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-SUT-4USTS-S

Tot Ion:105 Resp:71396611
 Ion Ratio Lower Upper
 105 100
 120 10.4 24.4 73.4#

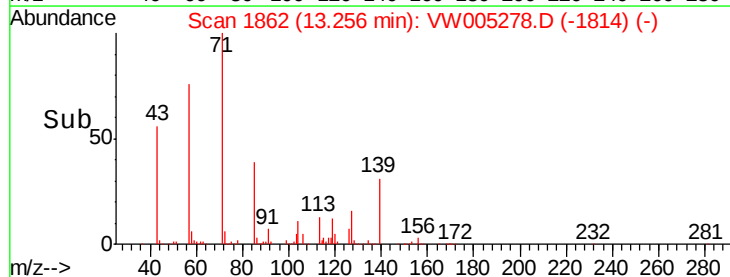
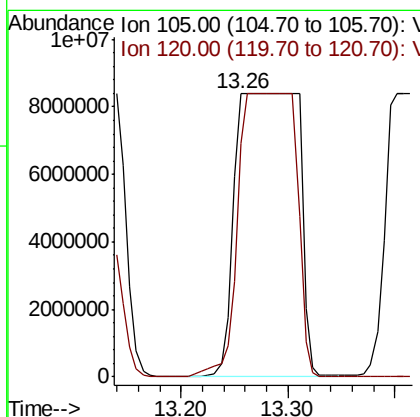
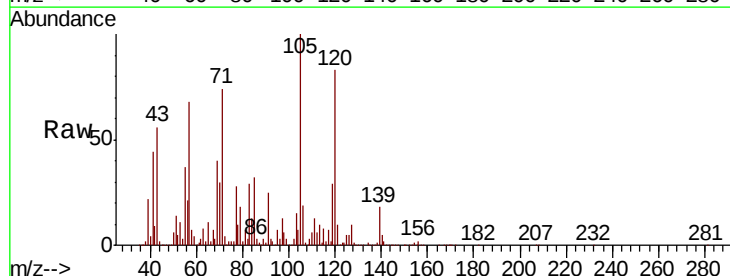
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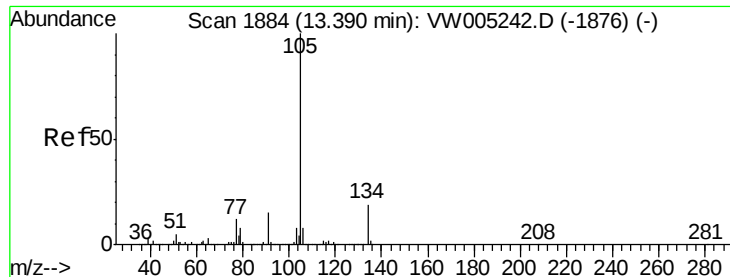
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#84
 1,2,4-Trimethylbenzene
 Concen: 627.63 ug/l m
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.01 min
 Lab File: VW005278.D
 Acq: 11 Sep 2018 16:19

Tgt Ion:105 Resp:34617848
 Ion Ratio Lower Upper
 105 100
 120 21.4 23.4 70.3#





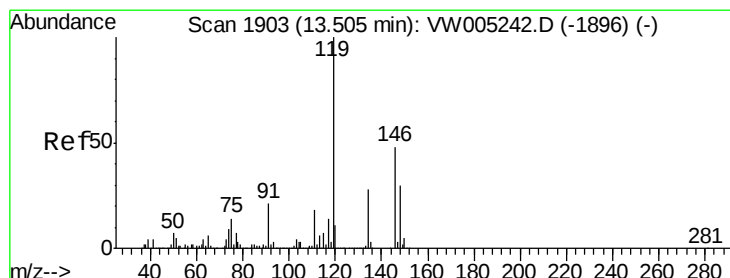
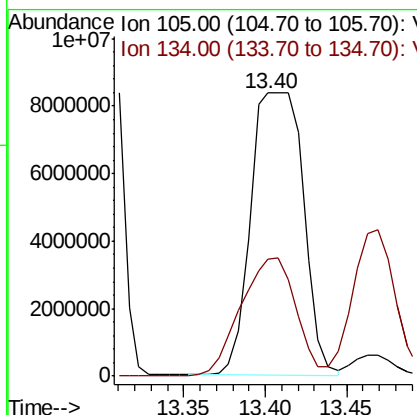
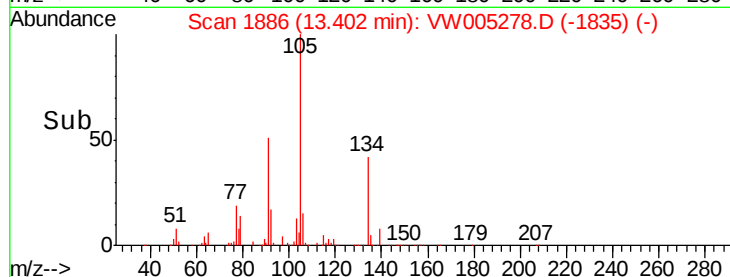
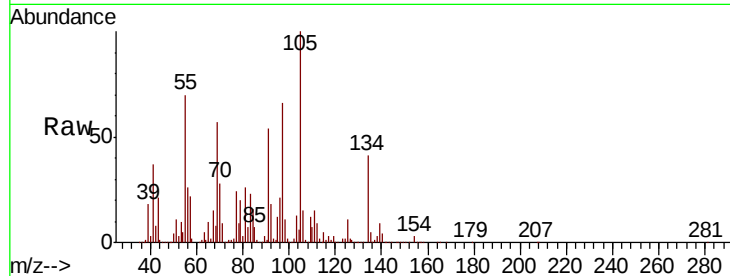
#85
 sec-Butylbenzene
 Concen: 269.65 ug/l
 RT: 13.40 min Scan# 1886
 Delta R.T. 0.01 min
 Lab File: VW005278.D
 Acq: 11 Sep 2018 16:19

Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-SUT-4USTS-S

Tot Ion:105 Resp:18603103
 Ion Ratio Lower Upper
 105 100
 134 44.3 9.9 29.7#

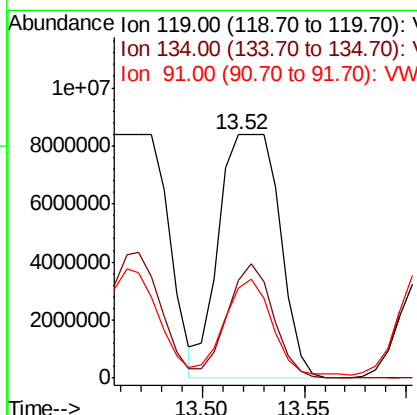
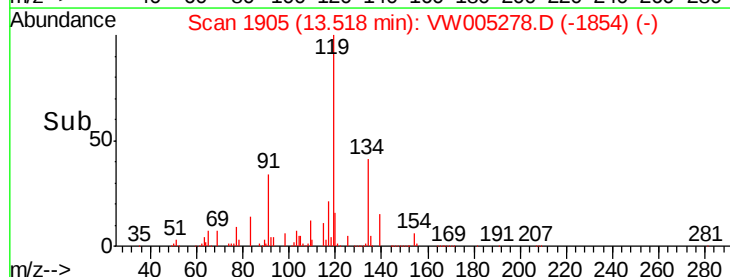
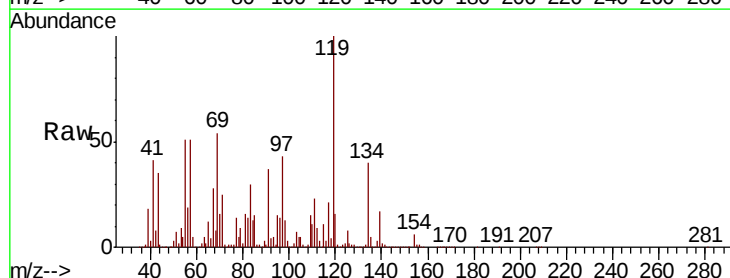
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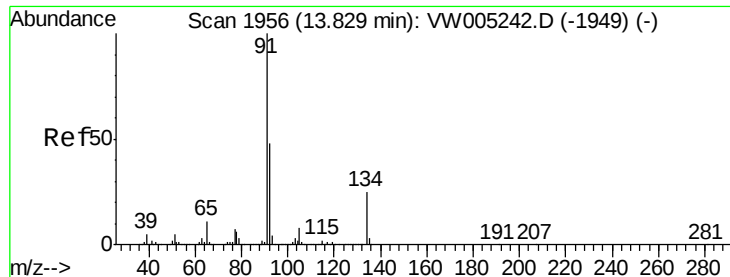
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#86
 p-Isopropyltoluene
 Concen: 283.00 ug/l
 RT: 13.52 min Scan# 1905
 Delta R.T. 0.01 min
 Lab File: VW005278.D
 Acq: 11 Sep 2018 16:19

Tgt Ion:119 Resp:17283675
 Ion Ratio Lower Upper
 119 100
 134 35.6 13.2 39.5
 91 30.1 10.7 32.1





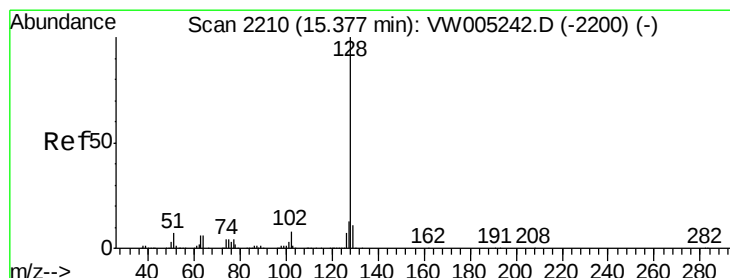
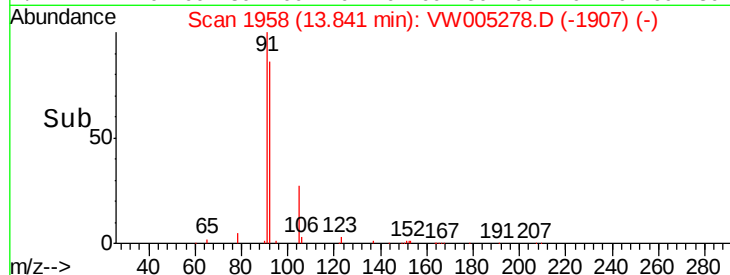
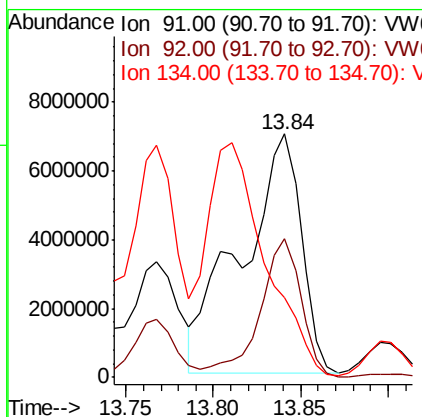
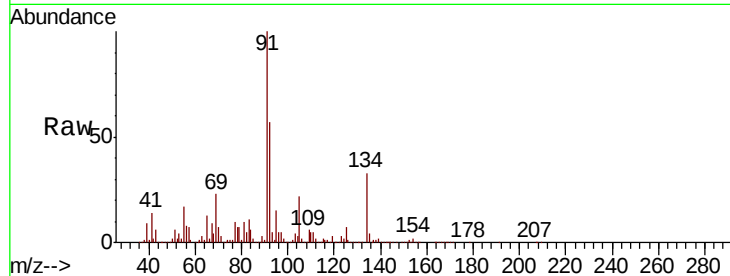
#89
n-Butylbenzene
Concen: 288.12 ug/l
RT: 13.84 min Scan# 1958
Delta R.T. 0.01 min
Lab File: VW005278.D
Acq: 11 Sep 2018 16:19

Instrument :
MSVOA_W
ClientSampleId :
EP1-SUT-4USTS-S

Tot Ion: 91 Resp: 16541734
Ion Ratio Lower Upper
91 100
92 39.9 25.8 77.3
134 0.0 13.6 40.8#

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#95
Naphthalene
Concen: 13.76 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW005278.D
Acq: 11 Sep 2018 16:19

Tgt Ion: 128 Resp: 442214
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.8 8.8 13.2

