

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091118\
 Data File : VW005295.D
 Acq On : 12 Sep 2018 01:41
 Operator : SY/AP
 Sample : VW0911SBSD02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0911SBSD02

Manual Integrations
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 9/12/2018 2:20:45 PM

Quant Time: Sep 12 02:02:01 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	499689	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	737848	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	730826	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	388105	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	226723	60.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.66%	
35) Dibromofluoromethane	7.89	113	224455	58.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.14%	
50) Toluene-d8	10.33	98	1065574	54.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.12%	
62) 4-Bromofluorobenzene	12.62	95	391428	54.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	94963	22.03	ug/l	99
3) Chloromethane	2.21	50	134193	23.29	ug/l	99
4) Vinyl Chloride	2.35	62	118931	22.48	ug/l	97
5) Bromomethane	2.73	94	82179	24.06	ug/l	99
6) Chloroethane	2.90	64	66173	22.71	ug/l	100
7) Trichlorofluoromethane	3.25	101	128702	21.50	ug/l	98
8) Diethyl Ether	3.68	74	49818	23.36	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.06	101	88157	20.62	ug/l	98
10) Methyl Iodide	4.27	142	80971	17.55	ug/l	99
11) Tert butyl alcohol	5.16	59	45699	149.52	ug/l	96
12) 1,1-Dichloroethene	4.03	96	83641	21.25	ug/l	91
13) Acrolein	3.89	56	32787	111.05	ug/l	100
14) Allyl chloride	4.67	41	133538	22.08	ug/l	98
15) Acrylonitrile	5.37	53	116546	121.12	ug/l	99
16) Acetone	4.12	43	83571	120.80	ug/l	98
17) Carbon Disulfide	4.37	76	307914	22.29	ug/l	99
18) Methyl Acetate	4.67	43	54230	26.26	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	224610	23.96	ug/l	98
20) Methylene Chloride	4.91	84	130136	23.57	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	101489	22.08	ug/l	98
22) Diisopropyl ether	6.32	45	293004	24.06	ug/l	97
23) Vinyl Acetate	6.26	43	789923	116.41	ug/l	99
24) 1,1-Dichloroethane	6.22	63	172927	23.07	ug/l	100
25) 2-Butanone	7.18	43	136680	125.26	ug/l	94
26) 2,2-Dichloropropane	7.17	77	123875	19.06	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	111963	22.76	ug/l	99
28) Bromochloromethane	7.52	49	64506	23.33	ug/l #	96
29) Tetrahydrofuran	7.53	42	91823	124.87	ug/l	98
30) Chloroform	7.68	83	171465	22.80	ug/l	99
31) Cyclohexane	7.96	56	171087	21.45	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	143110	21.06	ug/l	97
36) 1,1-Dichloropropene	8.09	75	143079	21.17	ug/l	99
37) Ethyl Acetate	7.26	43	63948	24.87	ug/l	99
38) Carbon Tetrachloride	8.07	117	127784	20.18	ug/l	97

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Quant Time: Sep 12 02:02:01 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)
39) Methylcyclohexane	9.34	83	174359	19.43	ug/l	99
40) Benzene	8.33	78	435493	21.87	ug/l	99
41) Methacrylonitrile	7.49	41	35617	27.00	ug/l	98
42) 1,2-Dichloroethane	8.40	62	106973	22.45	ug/l	99
43) Isopropyl Acetate	8.43	43	111851	23.43	ug/l	98
44) Trichloroethene	9.10	130	115807	21.20	ug/l	99
45) 1,2-Dichloropropane	9.37	63	108606	22.69	ug/l	97
46) Dibromomethane	9.46	93	50932	21.74	ug/l	98
47) Bromodichloromethane	9.65	83	124216	21.67	ug/l	99
48) Methyl methacrylate	9.44	41	53079	21.41	ug/l	91
49) 1,4-Dioxane	9.45	88	20091	459.25	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	303855	113.08	ug/l	99
52) Toluene	10.39	92	299290	20.68	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	126236	20.38	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	156987	21.16	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	80682	21.60	ug/l	98
56) Ethyl methacrylate	10.65	69	101572	21.44	ug/l	98
57) 1,3-Dichloropropane	10.94	76	135547	21.85	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	234879	114.09	ug/l	98
59) 2-Hexanone	10.98	43	210640	108.74	ug/l	99
60) Dibromochloromethane	11.13	129	88378	21.32	ug/l	99
61) 1,2-Dibromoethane	11.24	107	73794	21.54	ug/l	100
64) Tetrachloroethene	10.87	164	121376	22.39	ug/l	99
65) Chlorobenzene	11.66	112	332223	20.75	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	99083	20.73	ug/l	99
67) Ethyl Benzene	11.74	91	569635	20.43	ug/l	99
68) m/p-Xylenes	11.85	106	461955	41.12	ug/l	100
69) o-Xylene	12.17	106	215311	20.60	ug/l	99
70) Styrene	12.19	104	356308	20.89	ug/l	100
71) Bromoform	12.35	173	54390	20.99	ug/l	# 100
73) Isopropylbenzene	12.47	105	570072	20.79	ug/l	100
74) N-amyl acetate	12.28	43	115238	22.09	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	93261	22.63	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	62837m	21.05	ug/l	
77) Bromobenzene	12.76	156	139463	21.59	ug/l	99
78) n-propylbenzene	12.81	91	695460	21.12	ug/l	98
79) 2-Chlorotoluene	12.90	91	403203	21.35	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	486629	20.84	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	24759	19.45	ug/l	95
82) 4-Chlorotoluene	12.99	91	421413	21.23	ug/l	99
83) tert-Butylbenzene	13.21	119	410436	20.10	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	501240	21.36	ug/l	98
85) sec-Butylbenzene	13.39	105	608637	20.74	ug/l	99
86) p-Isopropyltoluene	13.51	119	530373	20.41	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	285634	21.06	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	281329	21.12	ug/l	99
89) n-Butylbenzene	13.83	91	485401	19.87	ug/l	98
90) Hexachloroethane	14.10	117	86097	20.68	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	252324	21.16	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	14999	21.89	ug/l	96

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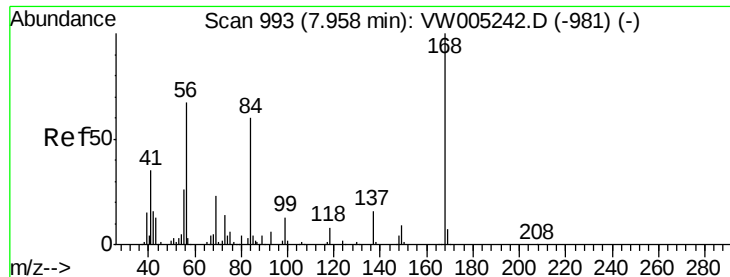
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 11 03:48:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	164342	19.49	ug/l	99
94) Hexachlorobutadiene	15.24	225	102424	18.96	ug/l	99
95) Naphthalene	15.38	128	273363	19.99	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	143847	19.82	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005295.D

Acq: 12 Sep 2018 01:41

Instrument :

MSVOA_W

ClientSampleId :

VW0911SBSD02

Tot Ion:168 Resp: 499689

Ion Ratio Lower Upper

168 100

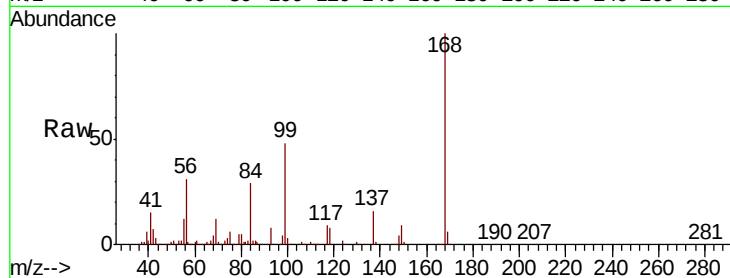
99 47.6 39.1 58.7

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

250000

200000

150000

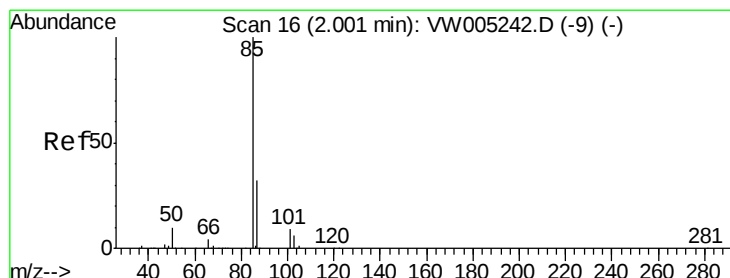
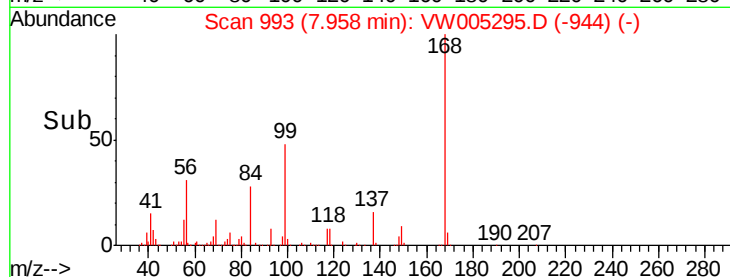
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50000

0

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 22.03 ug/l

RT: 2.00 min Scan# 15

Delta R.T. -0.01 min

Lab File: VW005295.D

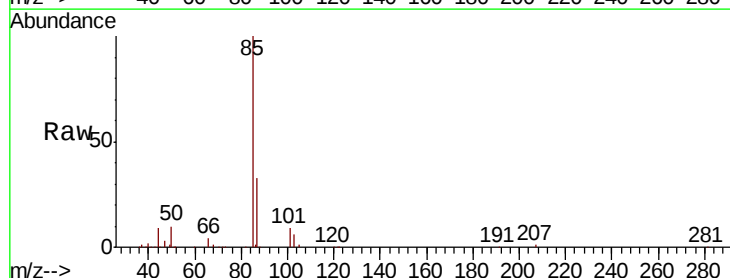
Acq: 12 Sep 2018 01:41

Tgt Ion: 85 Resp: 94963

Ion Ratio Lower Upper

85 100

87 32.7 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

60000

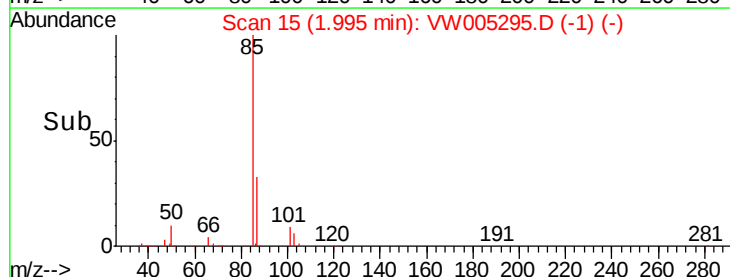
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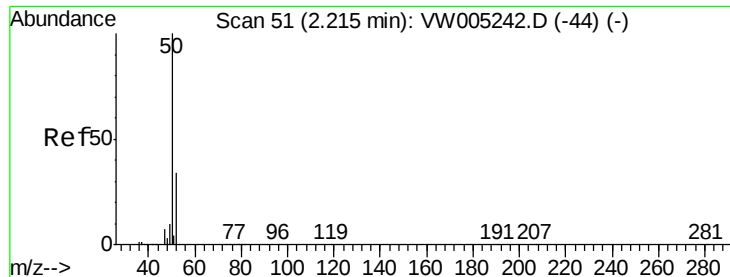
20000

0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 23.29 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW005295.D

Acq: 12 Sep 2018 01:41

Instrument :

MSVOA_W

ClientSampleId :

VW0911SBSD02

Tot Ion: 50 Resp: 134193

Ion Ratio Lower Upper

50 100

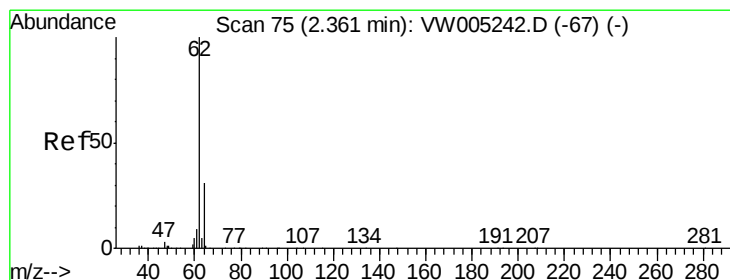
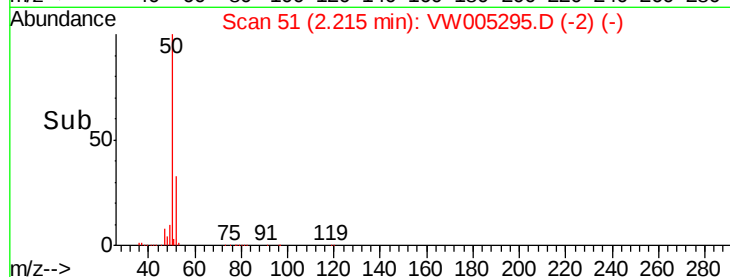
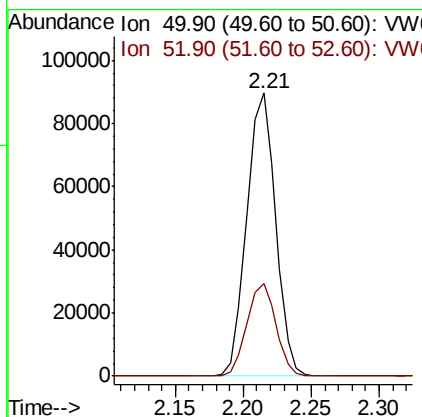
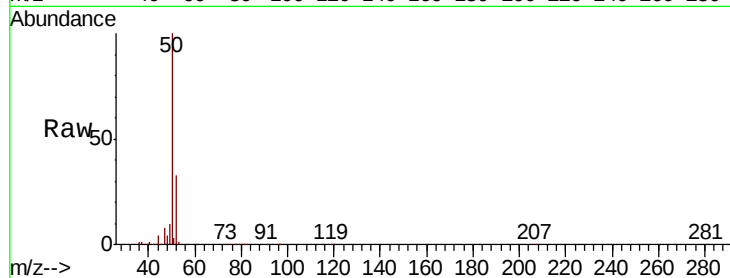
52 32.9 27.0 40.4

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#4

Vinyl Chloride

Concen: 22.48 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.01 min

Lab File: VW005295.D

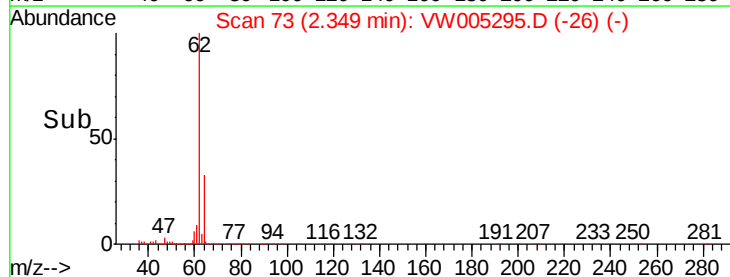
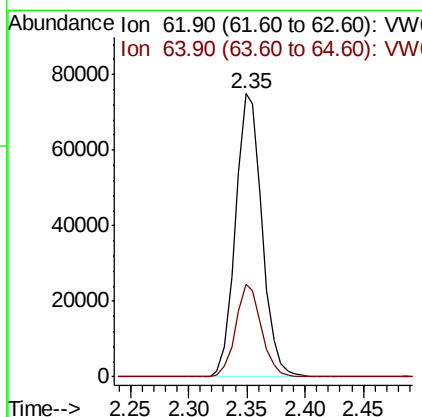
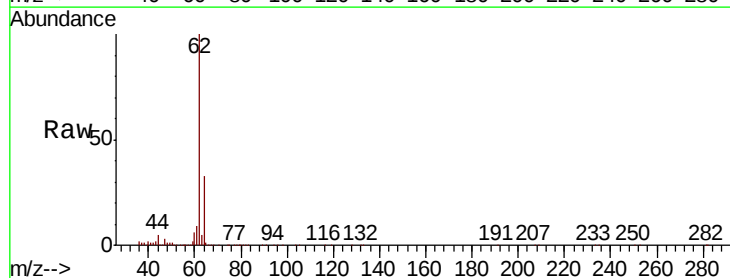
Acq: 12 Sep 2018 01:41

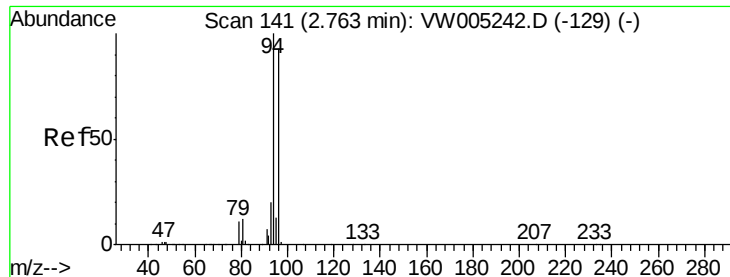
Tgt Ion: 62 Resp: 118931

Ion Ratio Lower Upper

62 100

64 32.7 24.6 37.0





#5

Bromomethane

Concen: 24.06 ug/l

RT: 2.73 min Scan# 136

Delta R.T. -0.03 min

Lab File: VW005295.D

Acq: 12 Sep 2018 01:41

Instrument :

MSVOA_W

ClientSampleId :

VW0911SBSD02

Tot Ion: 94 Resp: 82179

Ion Ratio Lower Upper

94 100

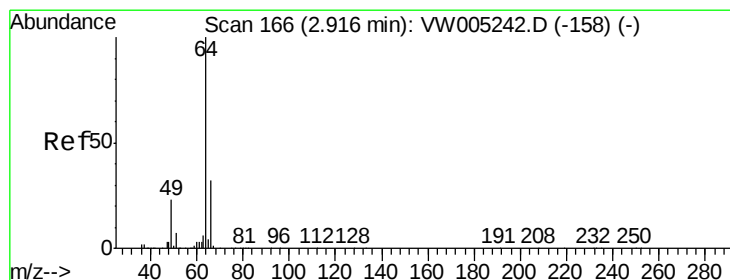
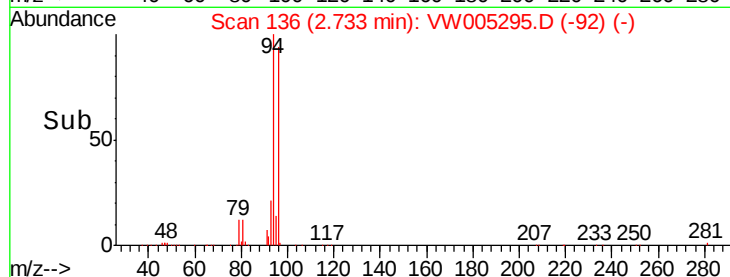
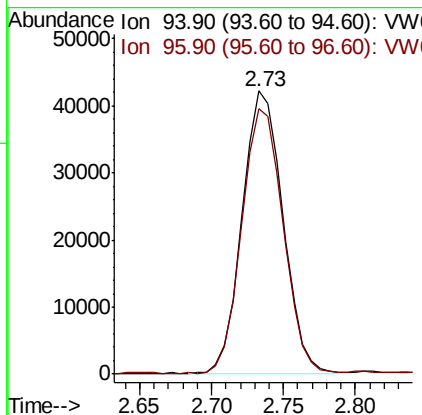
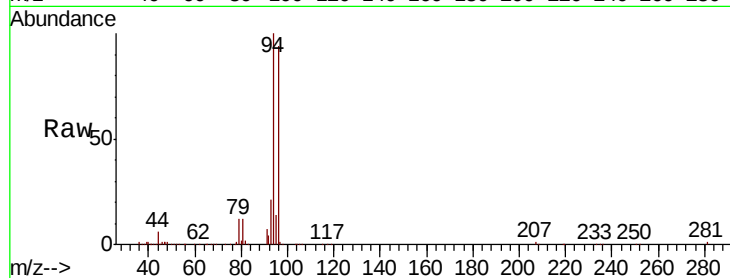
96 93.6 74.1 111.1

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#6

Chloroethane

Concen: 22.71 ug/l

RT: 2.90 min Scan# 163

Delta R.T. -0.02 min

Lab File: VW005295.D

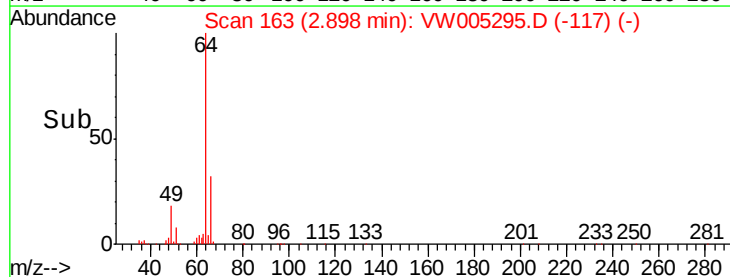
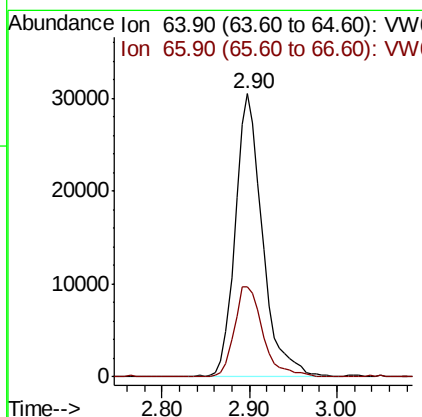
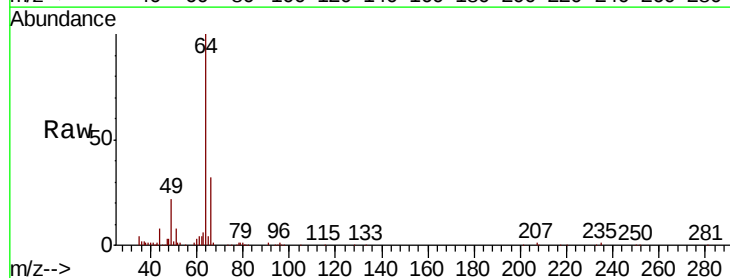
Acq: 12 Sep 2018 01:41

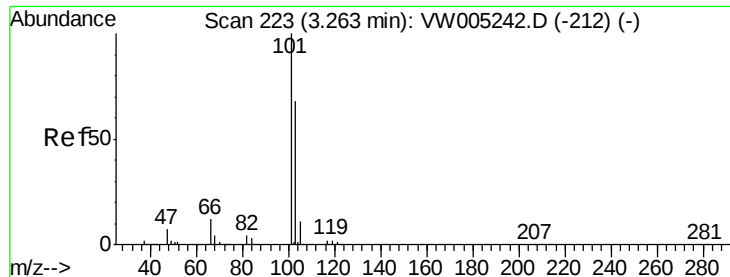
Tgt Ion: 64 Resp: 66173

Ion Ratio Lower Upper

64 100

66 31.4 25.3 37.9





#7

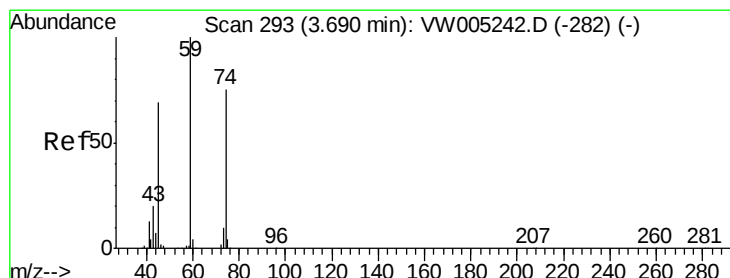
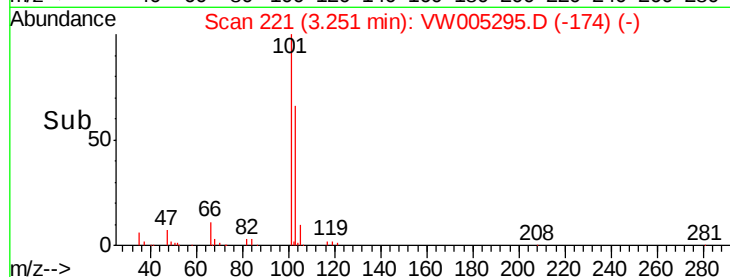
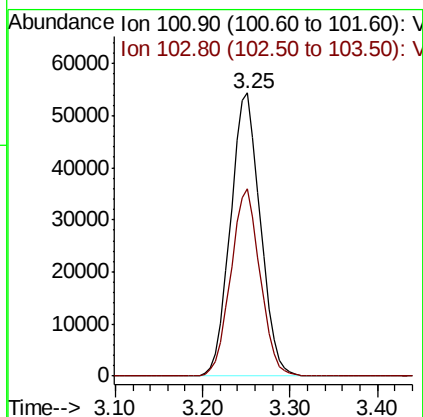
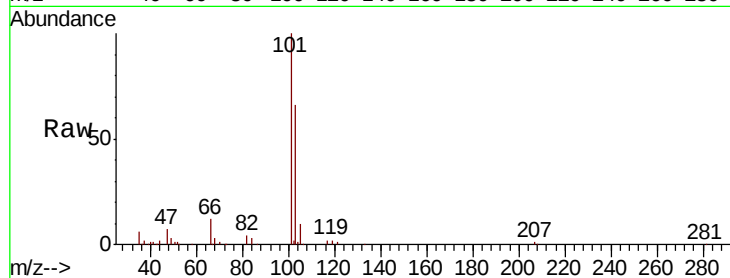
Trichlorofluoromethane
Concen: 21.50 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.01 min
Lab File: VW005295.D
Acq: 12 Sep 2018 01:41

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ClientSampleId :
VW0911SBSD02

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.2	54.1	81.1

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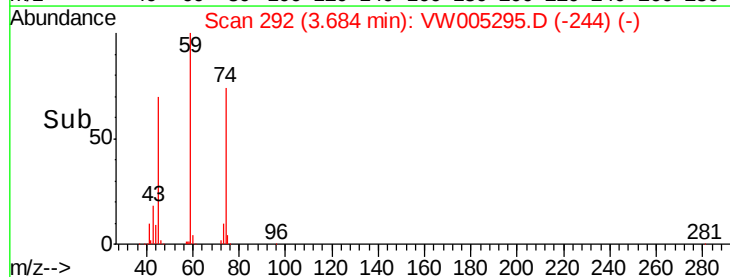
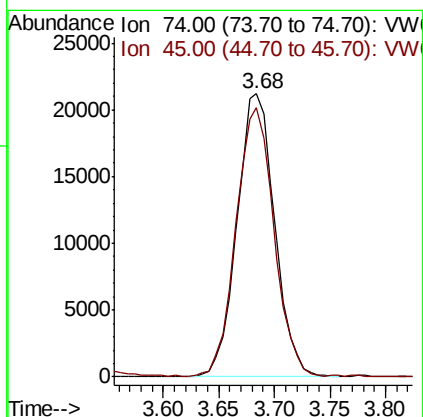
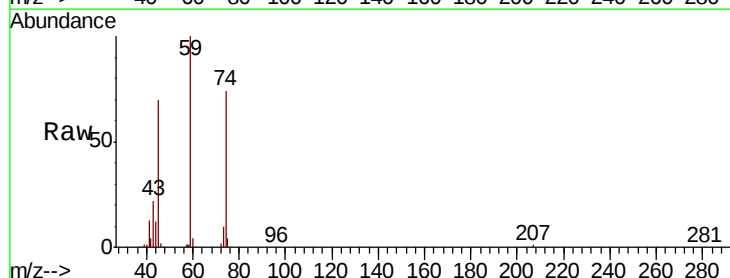
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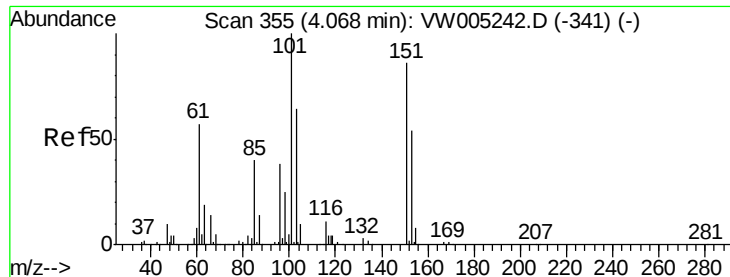


#8

Diethyl Ether
Concen: 23.36 ug/l
RT: 3.68 min Scan# 292
Delta R.T. -0.01 min
Lab File: VW005295.D
Acq: 12 Sep 2018 01:41

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.4	45.1	135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.62 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW005295.D

Acq: 12 Sep 2018 01:41

Instrument :

MSVOA_W

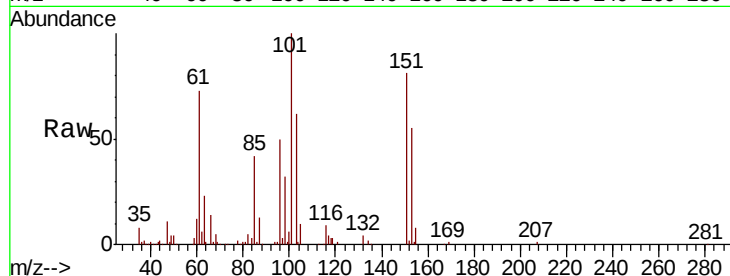
ClientSampleId :

VW0911SBSD02

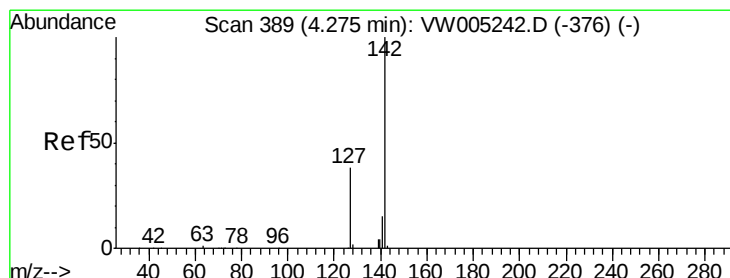
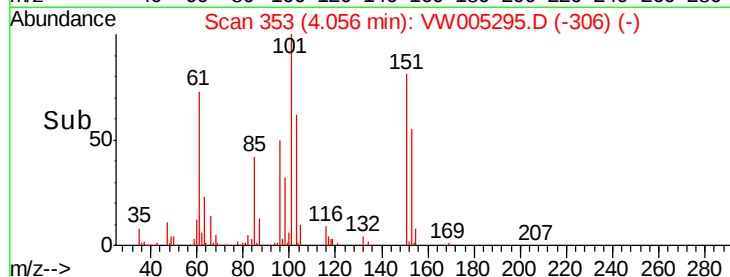
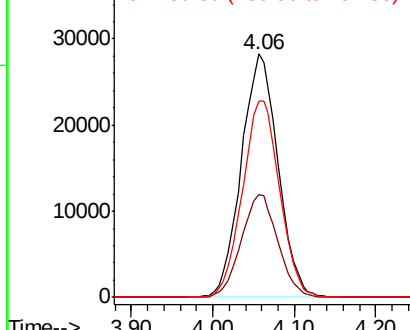
Tot Ion:	101	Resp:	88157
Ion Ratio	Lower	Upper	
101	100		
85	42.1	32.7	49.1
151	82.0	67.6	101.4

Manual Integrations
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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.55 ug/l

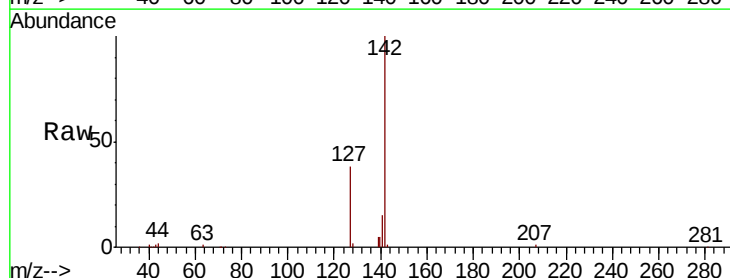
RT: 4.27 min Scan# 388

Delta R.T. -0.01 min

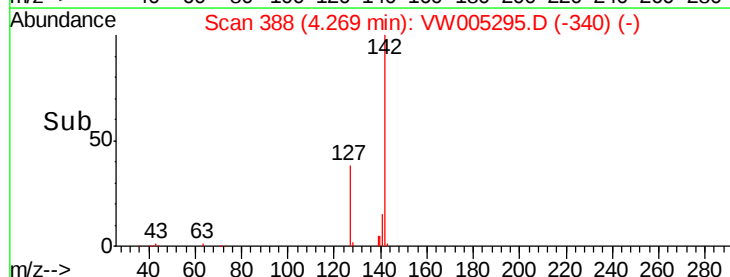
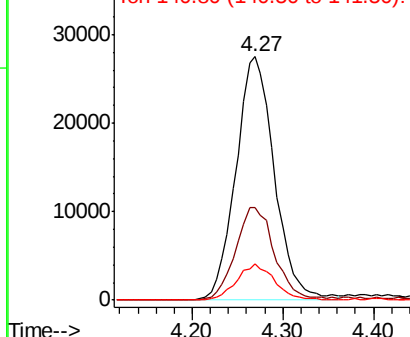
Lab File: VW005295.D

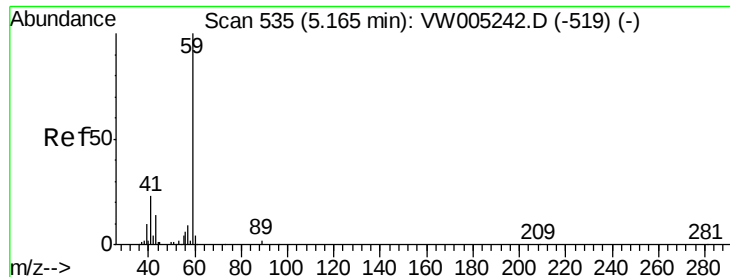
Acq: 12 Sep 2018 01:41

Tgt Ion:	142	Resp:	80971
Ion Ratio	Lower	Upper	
142	100		
127	38.6	30.3	45.5
141	14.5	11.4	17.0



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





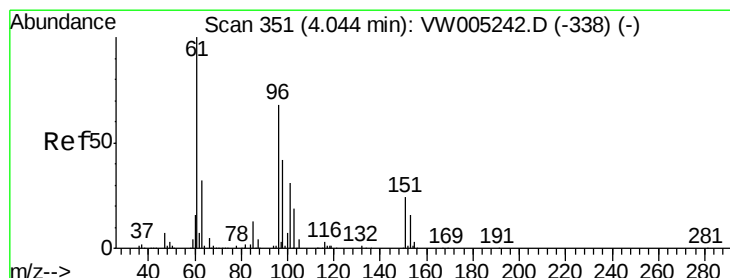
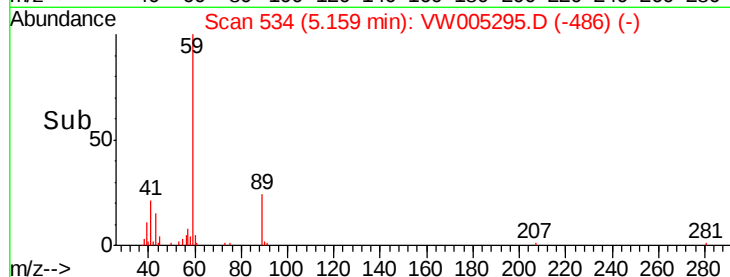
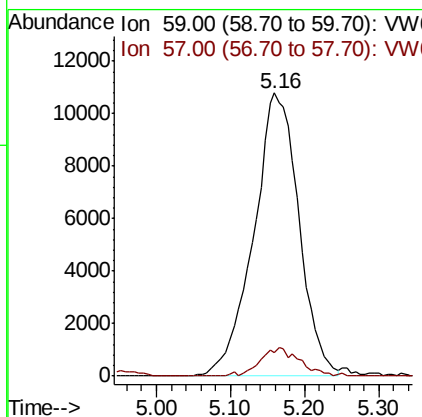
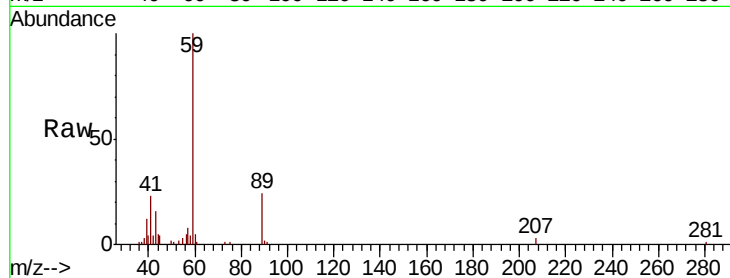
#11
Tert butyl alcohol
Concen: 149.52 ug/l
RT: 5.16 min Scan# 534
Delta R.T. -0.01 min
Lab File: VW005295.D
Acq: 12 Sep 2018 01:41

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBSD02

Tot Ion: 59 Resp: 45699
Ion Ratio Lower Upper
59 100
57 8.5 8.1 12.1

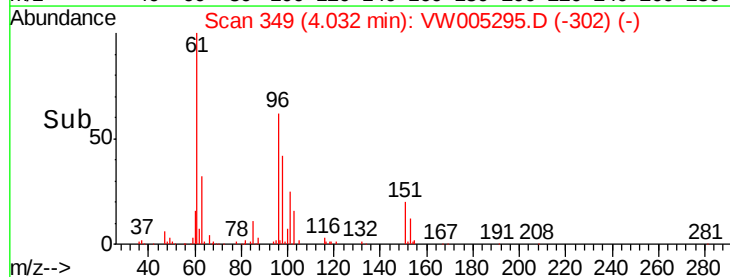
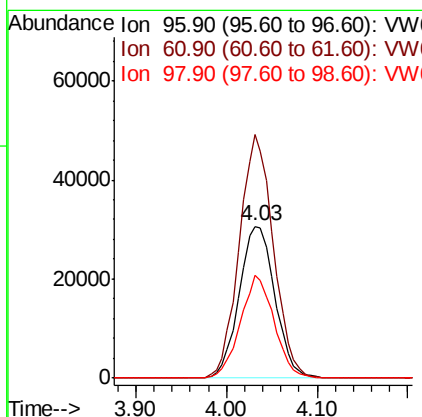
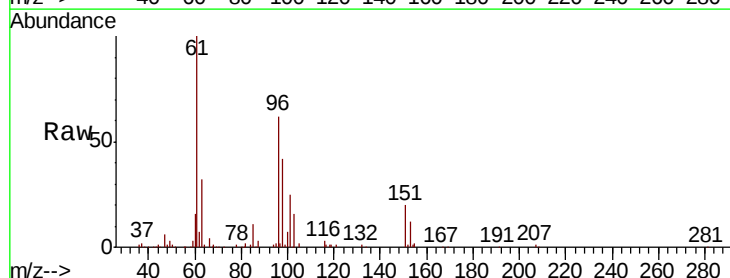
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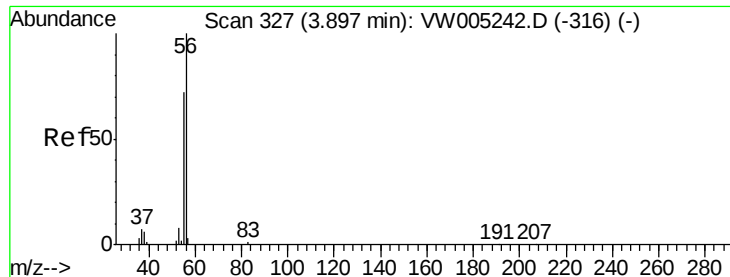
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#12
1,1-Dichloroethene
Concen: 21.25 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW005295.D
Acq: 12 Sep 2018 01:41

Tgt Ion: 96 Resp: 83641
Ion Ratio Lower Upper
96 100
61 160.4 118.2 177.2
98 67.7 49.9 74.9





#13

Acrolein

Concen: 111.05 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW005295.D

Acq: 12 Sep 2018 01:41

Instrument :

MSVOA_W

ClientSampleId :

VW0911SBSD02

Tot Ion: 56 Resp: 32787

Ion Ratio Lower Upper

56 100

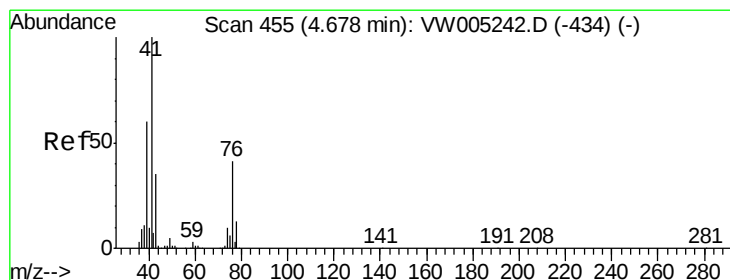
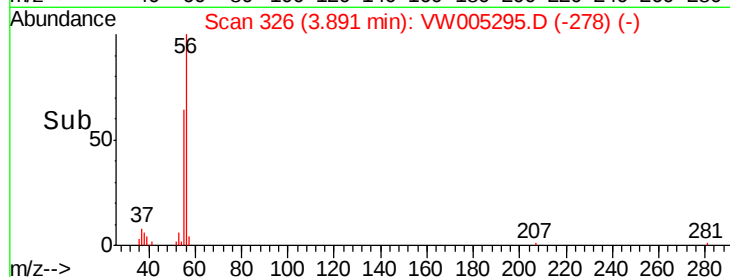
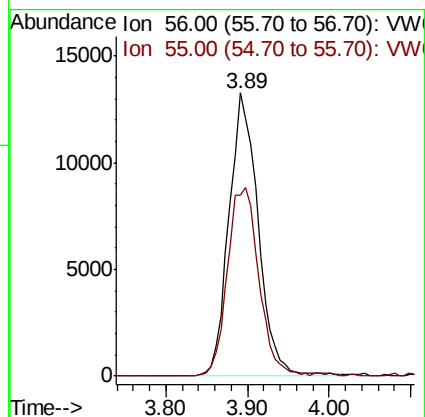
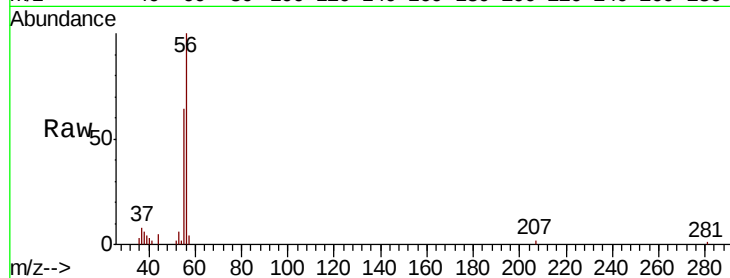
55 71.4 56.8 85.2

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#14

Allyl chloride

Concen: 22.08 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW005295.D

Acq: 12 Sep 2018 01:41

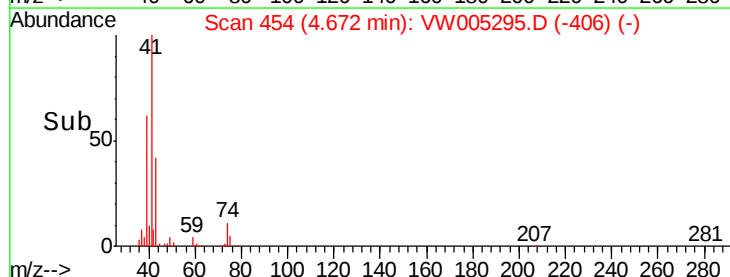
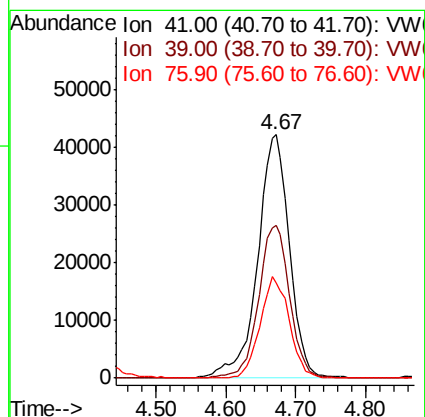
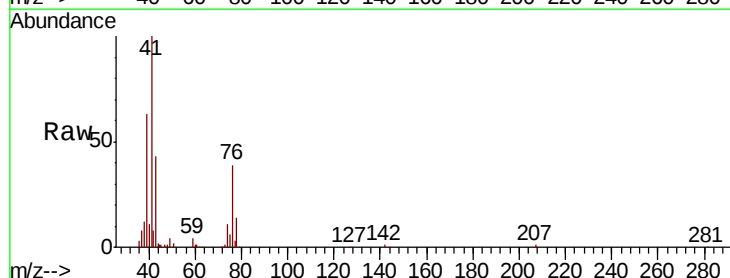
Tgt Ion: 41 Resp: 133538

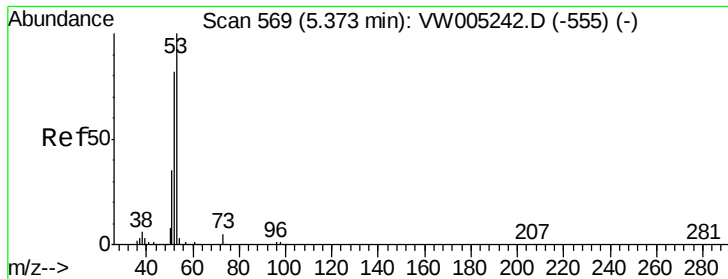
Ion Ratio Lower Upper

41 100

39 61.4 48.2 72.4

76 38.1 31.7 47.5





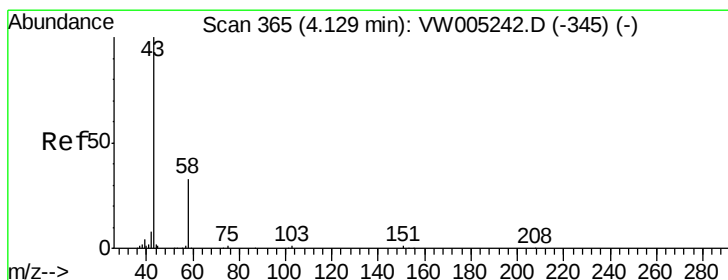
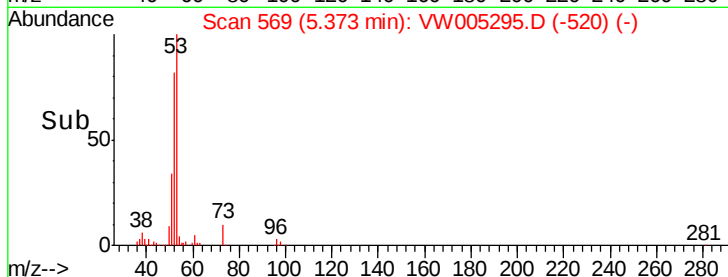
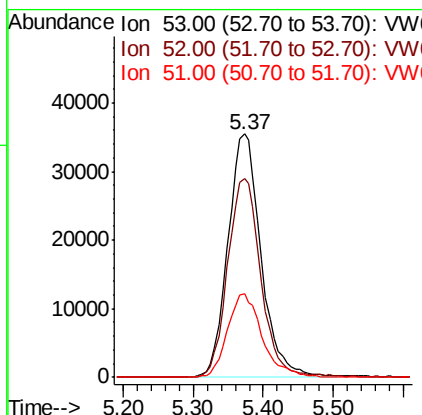
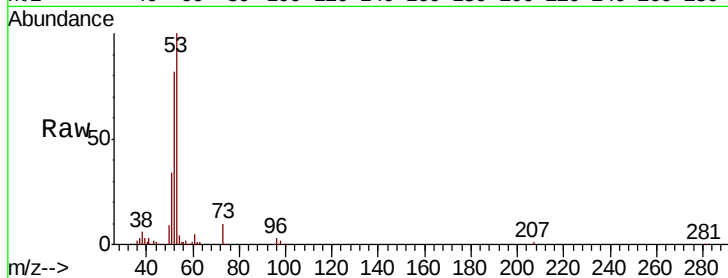
#15
 Acrylonitrile
 Concen: 121.12 ug/l
 RT: 5.37 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: VW005295.D
 Acq: 12 Sep 2018 01:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0911SBSD02

Tot Ion:	53	Resp:	116546
Ion Ratio	Lower	Upper	
53	100		
52	81.8	66.0	99.0
51	36.0	28.6	43.0

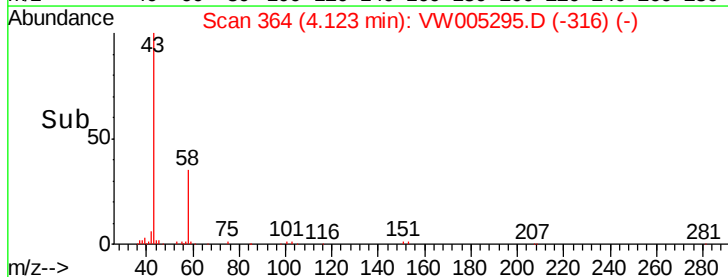
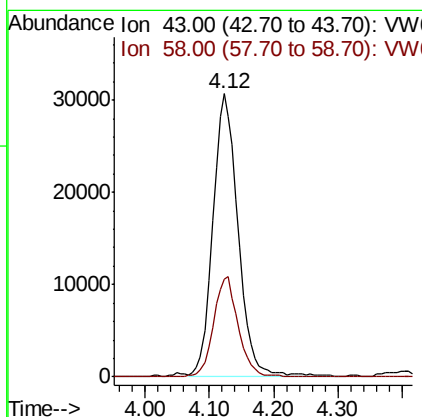
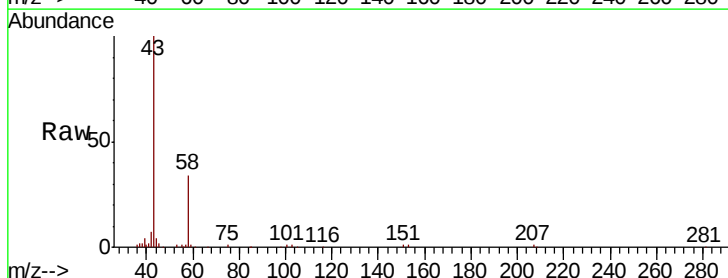
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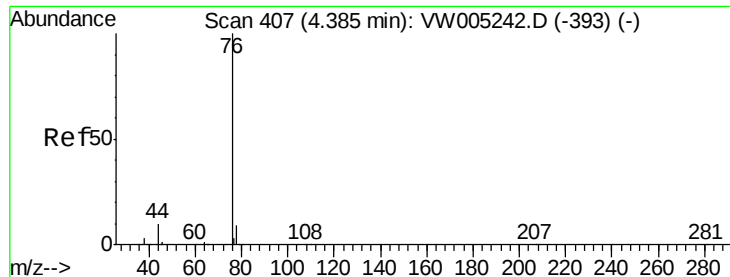
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#16
 Acetone
 Concen: 120.80 ug/l
 RT: 4.12 min Scan# 364
 Delta R.T. -0.01 min
 Lab File: VW005295.D
 Acq: 12 Sep 2018 01:41

Tgt Ion:	43	Resp:	83571
Ion Ratio	Lower	Upper	
43	100		
58	34.5	26.7	40.1





#17

Carbon Disulfide

Concen: 22.29 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW005295.D

Acq: 12 Sep 2018 01:41

Instrument :

MSVOA_W

ClientSampleId :

VW0911SBSD02

Tot Ion: 76 Resp: 307914

Ion Ratio Lower Upper

76 100

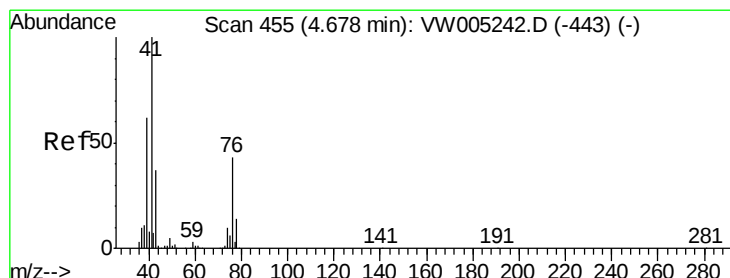
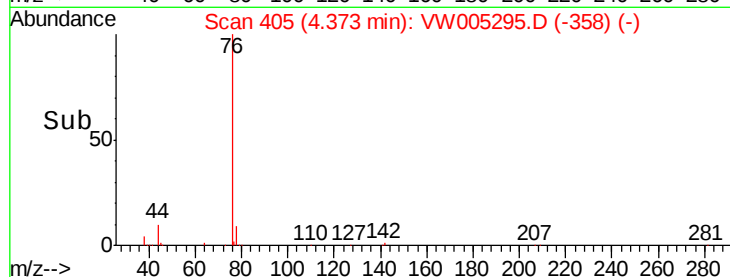
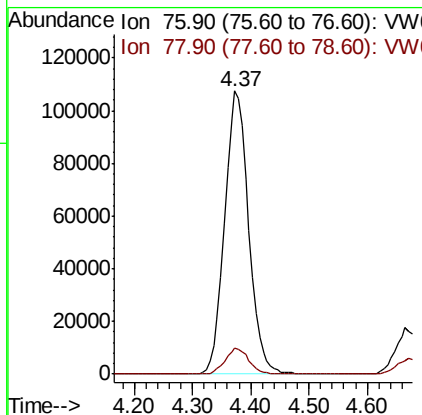
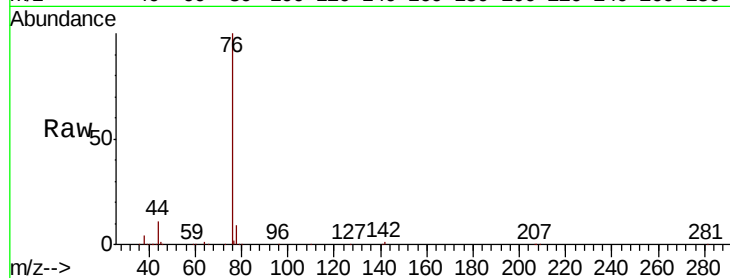
78 9.2 7.5 11.3

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#18

Methyl Acetate

Concen: 26.26 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW005295.D

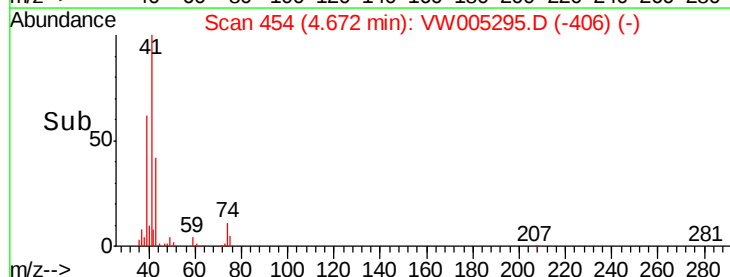
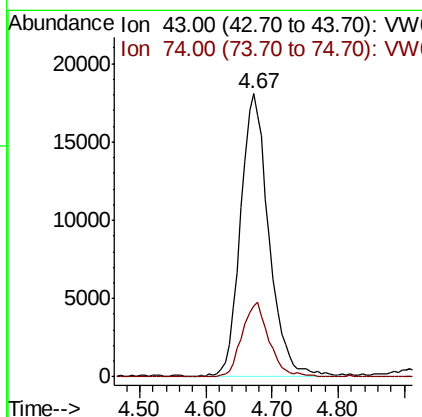
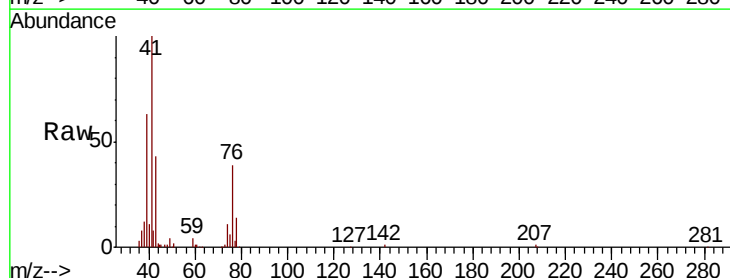
Acq: 12 Sep 2018 01:41

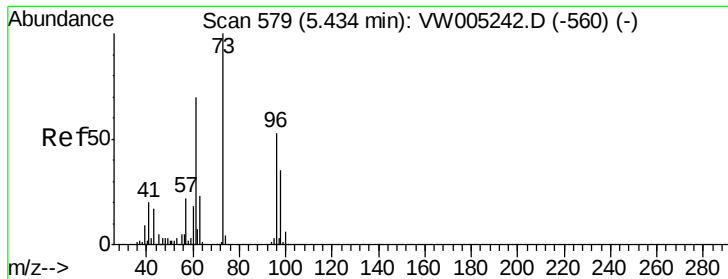
Tgt Ion: 43 Resp: 54230

Ion Ratio Lower Upper

43 100

74 24.9 21.4 32.2





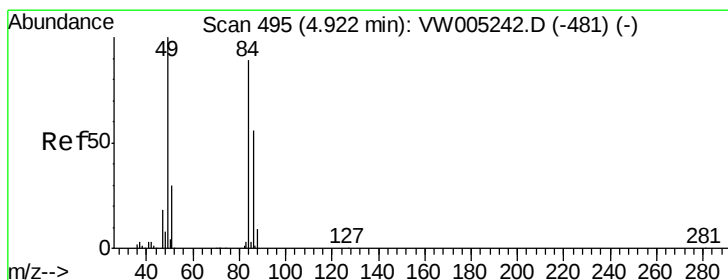
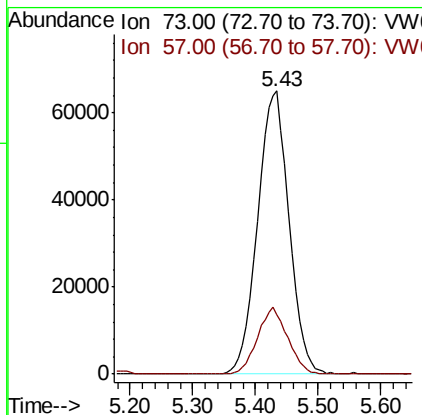
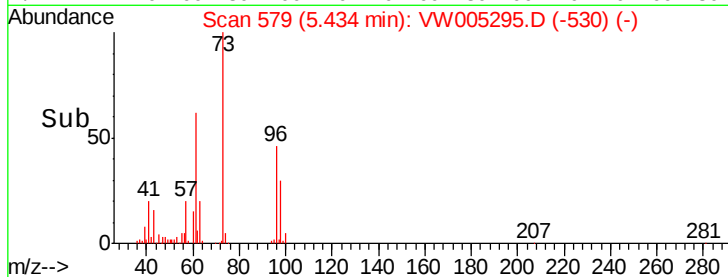
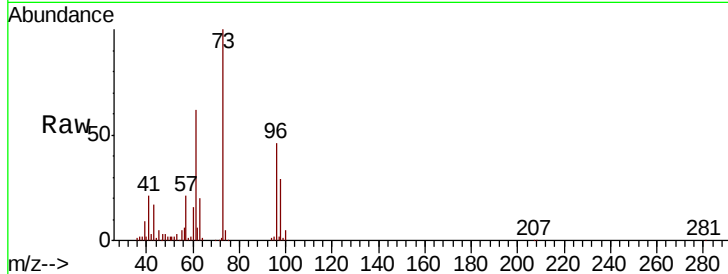
#19
Methvl tert-butvl Ether
Concen: 23.96 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW005295.D
Acq: 12 Sep 2018 01:41

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBSD02

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.8	17.4	26.2

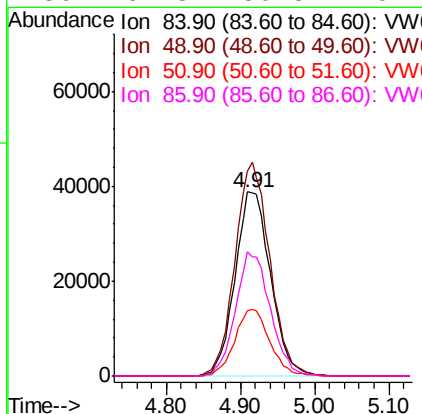
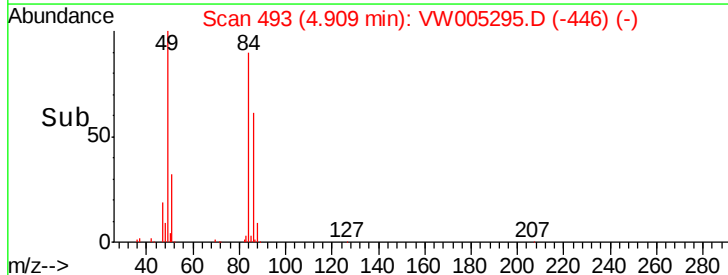
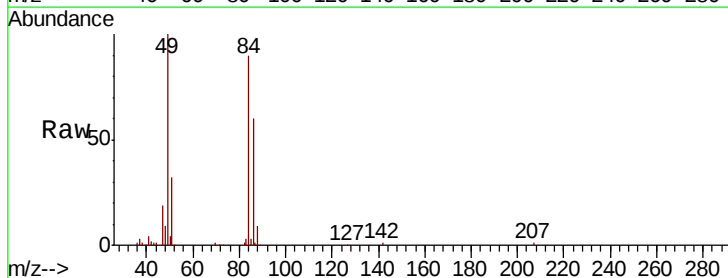
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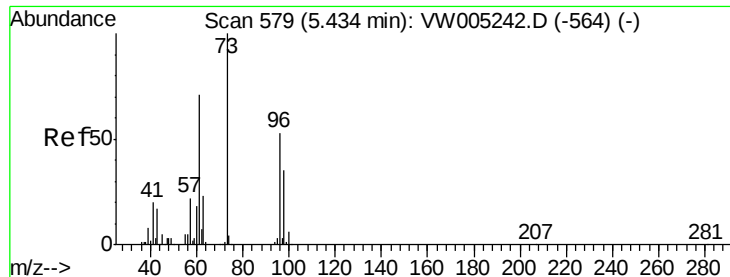
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#20
Methylene Chloride
Concen: 23.57 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW005295.D
Acq: 12 Sep 2018 01:41

Tgt Ion	Ratio	Lower	Upper
84	100		
49	111.6	90.3	135.5
51	35.8	26.9	40.3
86	67.3	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 22.08 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW005295.D

Acq: 12 Sep 2018 01:41

Instrument :

MSVOA_W

ClientSampleId :

VW0911SBSD02

Tot Ion: 96 Resp: 101489

Ion Ratio Lower Upper

96 100

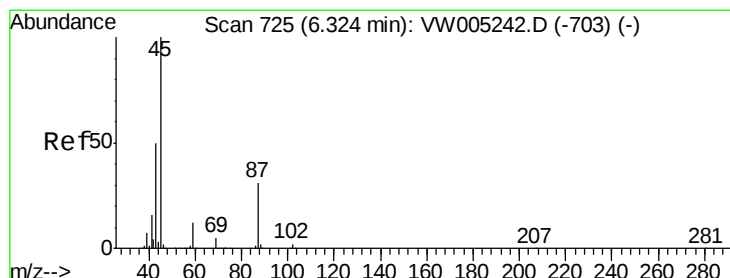
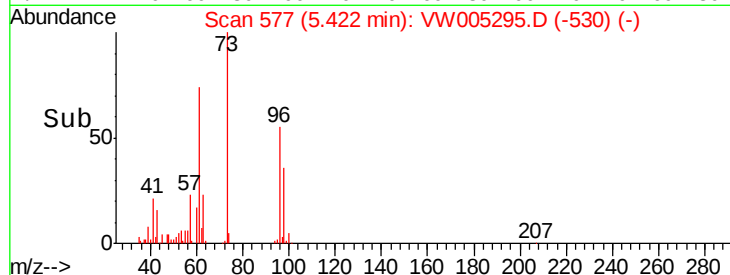
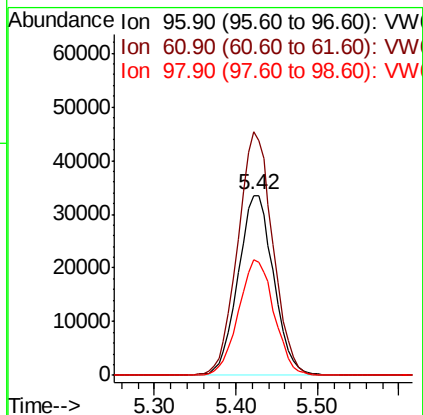
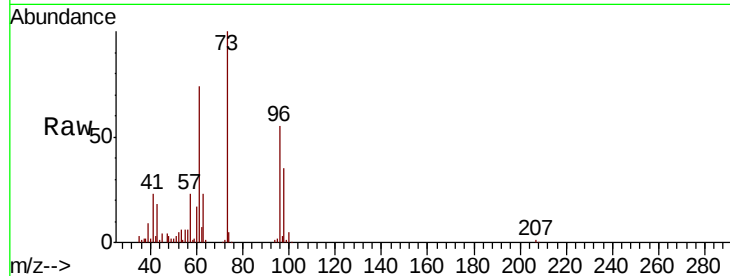
61 135.4 105.7 158.5

98 64.6 52.8 79.2

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#22

Diisopropyl ether

Concen: 24.06 ug/l

RT: 6.32 min Scan# 724

Delta R.T. -0.01 min

Lab File: VW005295.D

Acq: 12 Sep 2018 01:41

Tgt Ion: 45 Resp: 293004

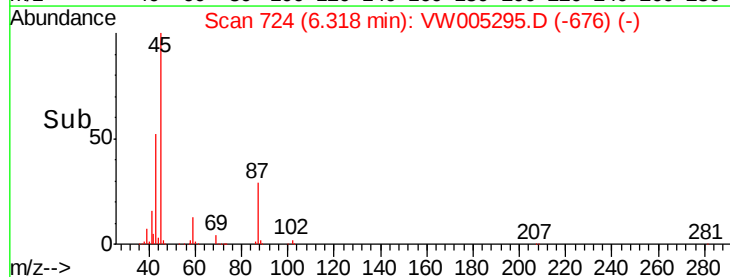
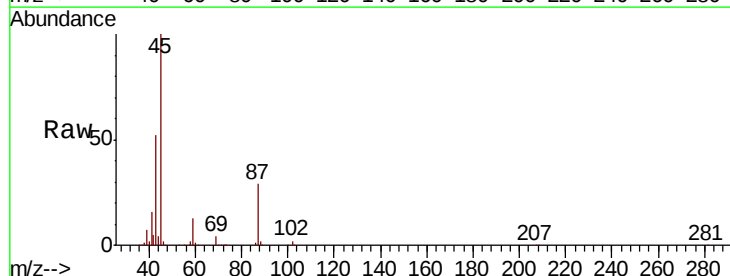
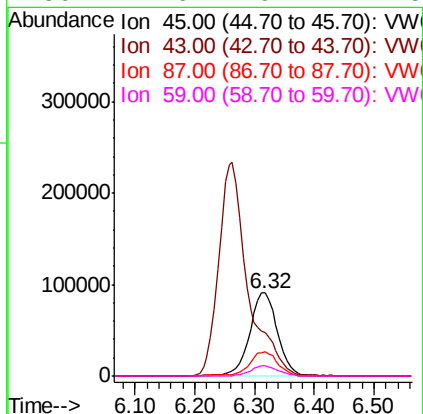
Ion Ratio Lower Upper

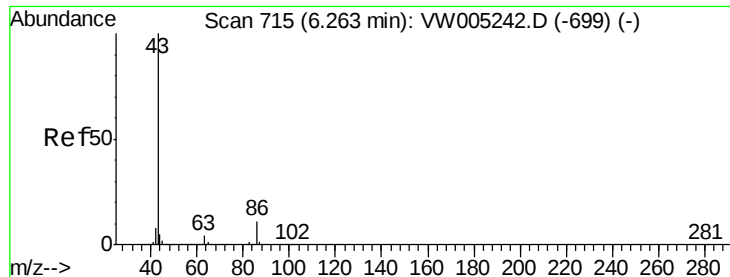
45 100

43 52.3 39.6 59.4

87 29.2 24.7 37.1

59 12.6 9.7 14.5





#23

Vinyl Acetate

Concen: 116.41 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW005295.D

Acq: 12 Sep 2018 01:41

Instrument :

MSVOA_W

ClientSampled :

VW0911SBSD02

Tot Ion: 43 Resp: 789923

Ion Ratio Lower Upper

43 100

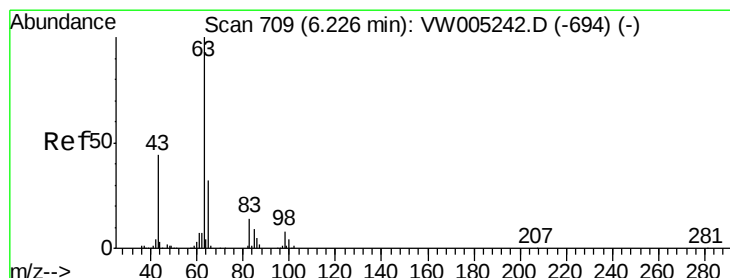
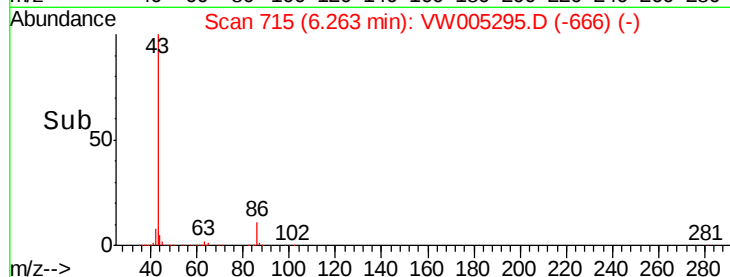
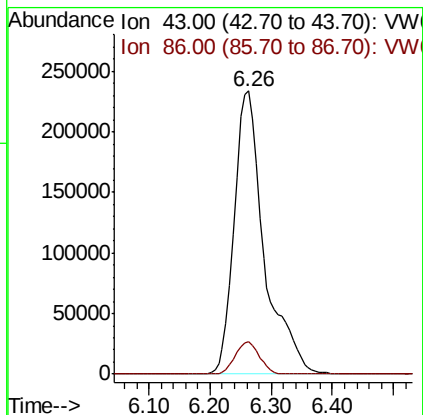
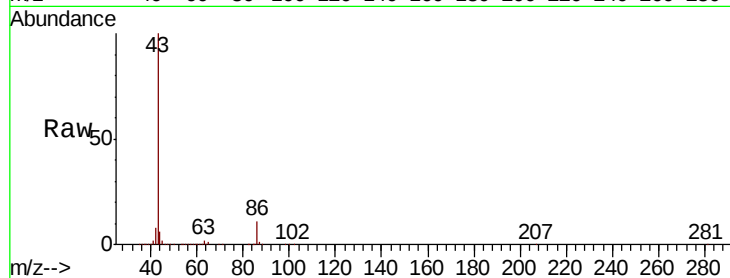
86 11.3 8.9 13.3

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#24

1,1-Dichloroethane

Concen: 23.07 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.01 min

Lab File: VW005295.D

Acq: 12 Sep 2018 01:41

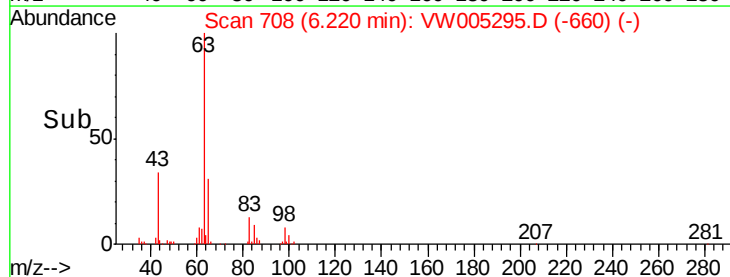
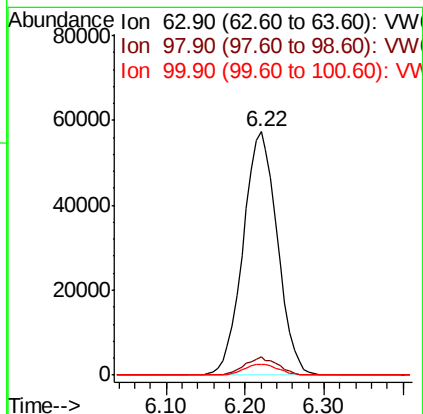
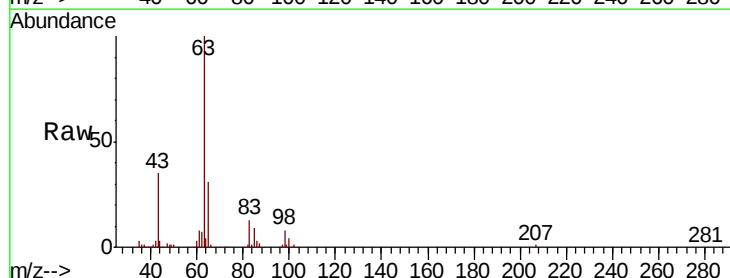
Tgt Ion: 63 Resp: 172927

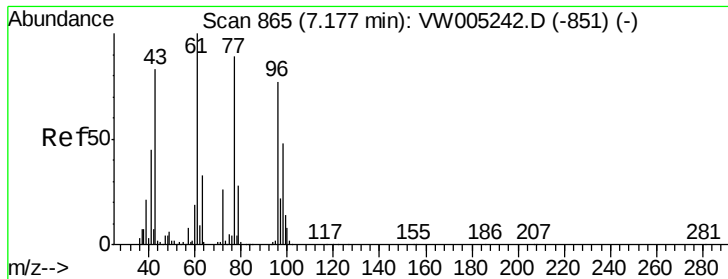
Ion Ratio Lower Upper

63 100

98 7.5 3.8 11.4

100 4.1 2.2 6.6





#25

2-Butanone

Concen: 125.26 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW005295.D

Acq: 12 Sep 2018 01:41

Instrument :

MSVOA_W

ClientSampleId :

VW0911SBS02

Tot Ion: 43 Resp: 136680

Ion Ratio Lower Upper

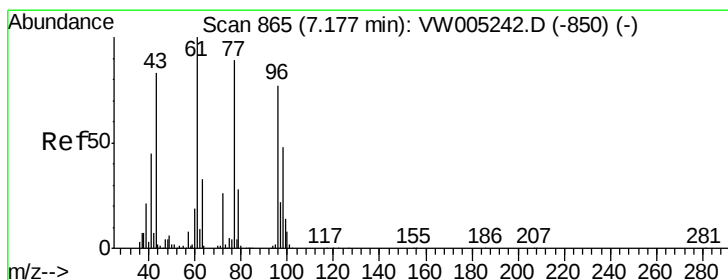
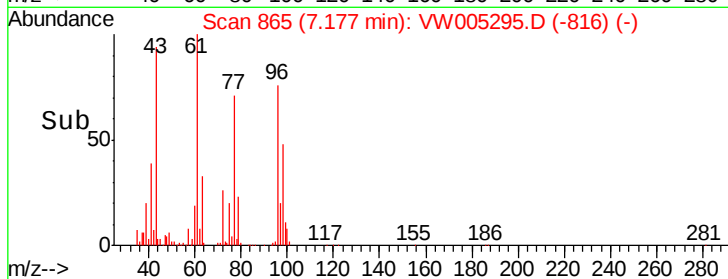
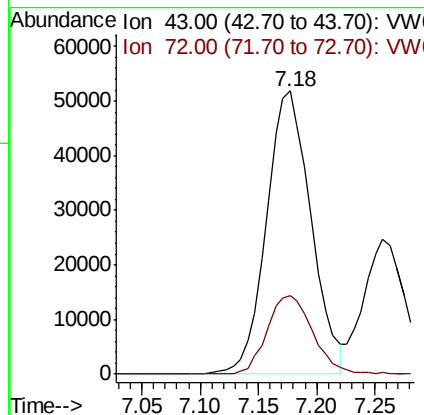
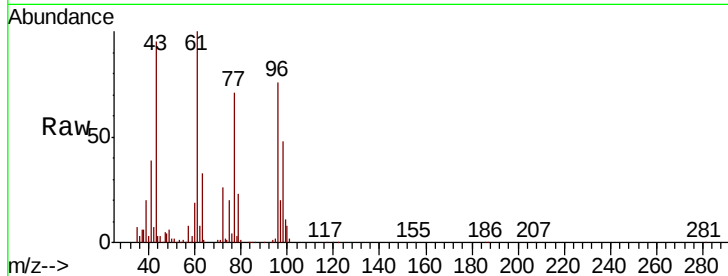
43 100

72 28.0 25.0 37.6

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#26

2,2-Dichloropropane

Concen: 19.06 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW005295.D

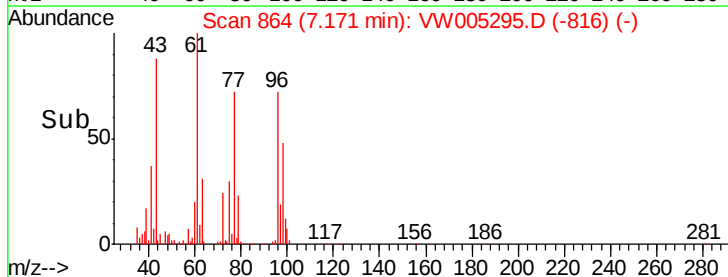
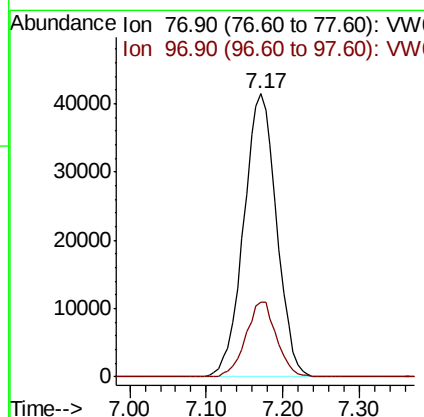
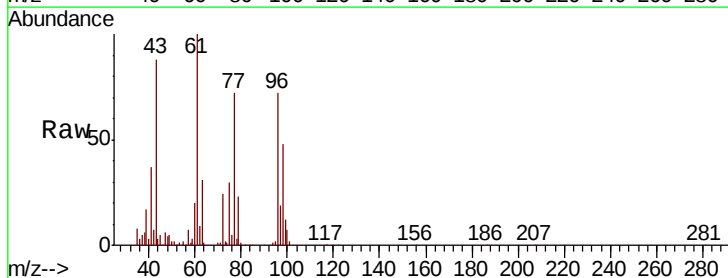
Acq: 12 Sep 2018 01:41

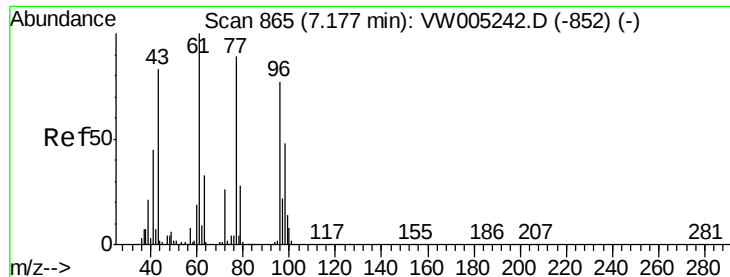
Tgt Ion: 77 Resp: 123875

Ion Ratio Lower Upper

77 100

97 24.7 12.2 36.6





#27

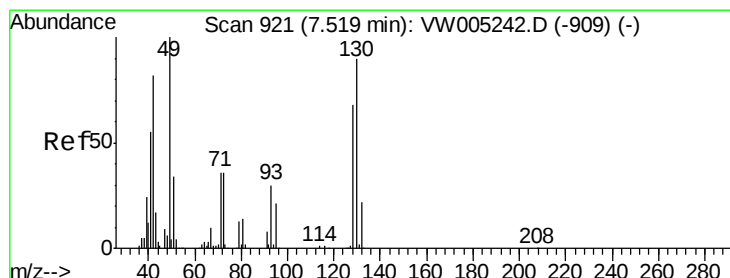
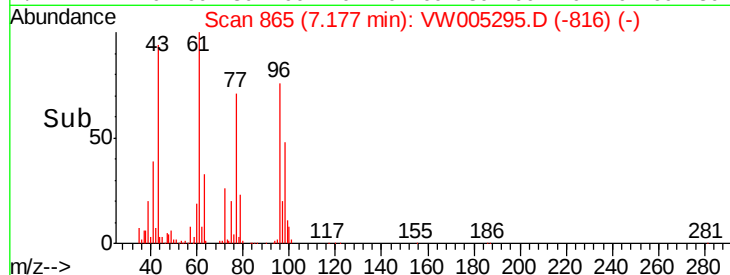
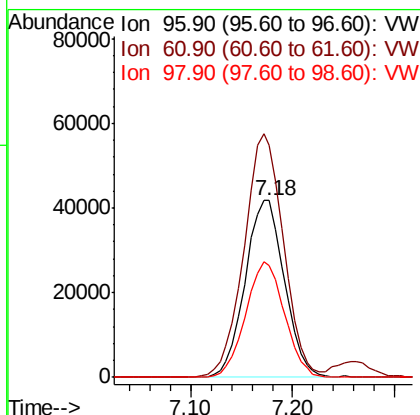
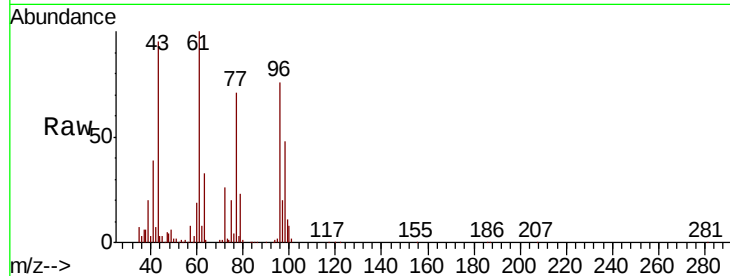
cis-1,2-Dichloroethene
Concen: 22.76 ug/l
RT: 7.18 min Scan# 865
Delta R.T. -0.00 min
Lab File: VW005295.D
Acq: 12 Sep 2018 01:41

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBSD02

Tot Ion	Ratio	Resp	Lower	Upper
96	100	111963		
61	138.0	0.0	273.4	
98	64.3	0.0	127.8	

Manual Integrations
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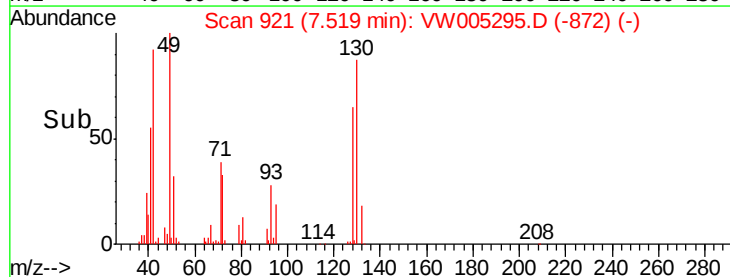
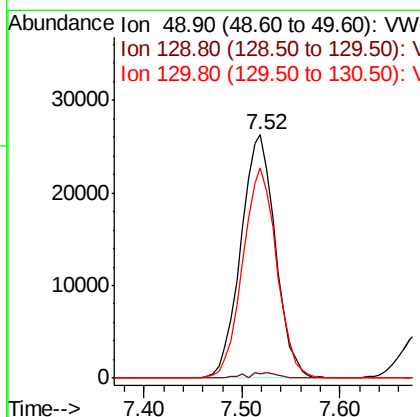
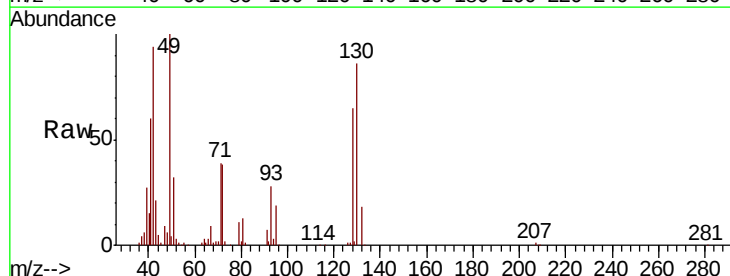
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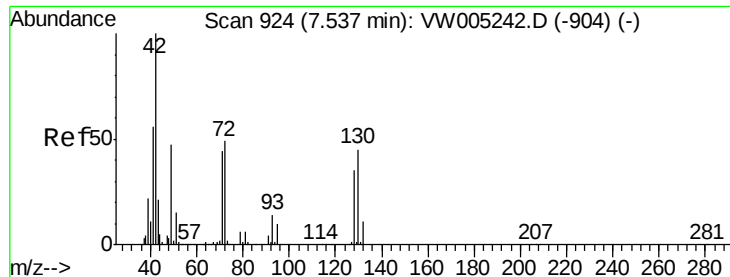


#28

Bromochloromethane
Concen: 23.33 ug/l
RT: 7.52 min Scan# 921
Delta R.T. -0.00 min
Lab File: VW005295.D
Acq: 12 Sep 2018 01:41

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	64506		
129	2.0	0.0	2.0#	
130	84.8	71.2	106.8	





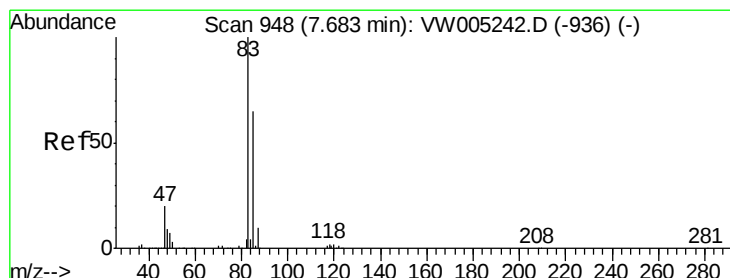
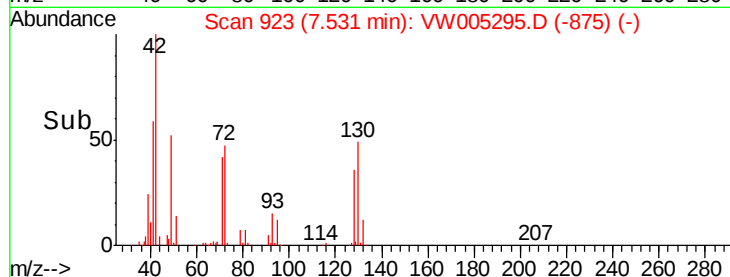
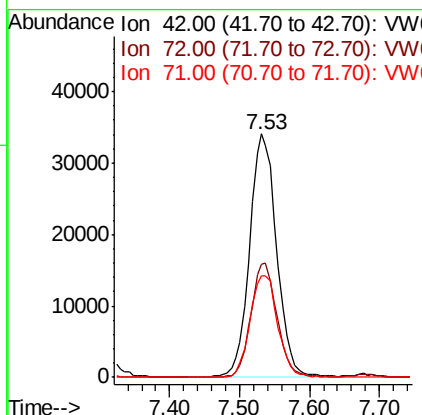
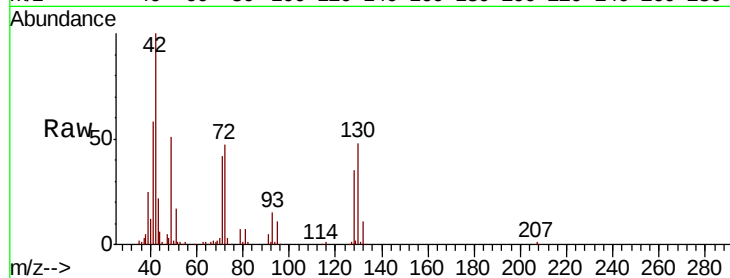
#29
Tetrahydrofuran
Concen: 124.87 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.01 min
Lab File: VW005295.D
Acq: 12 Sep 2018 01:41

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.2	37.5	56.3
71	42.7	34.8	52.2

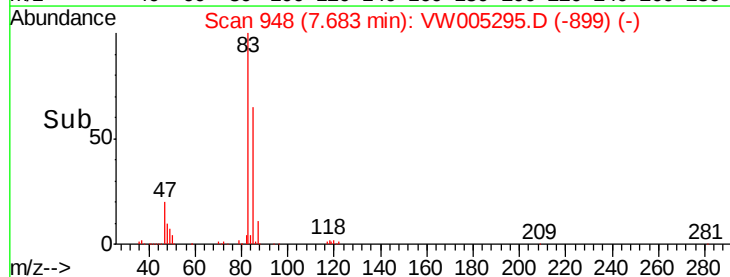
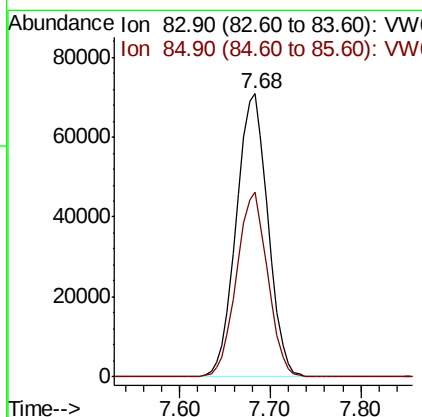
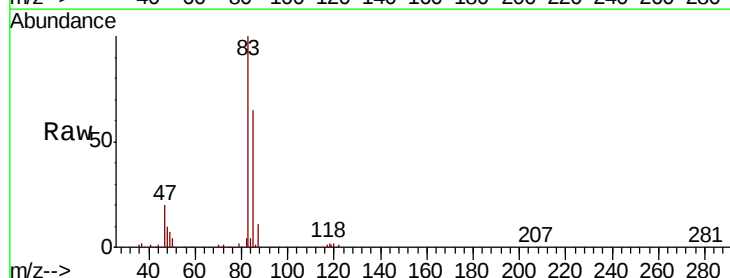
Manual Integrations
APPROVED

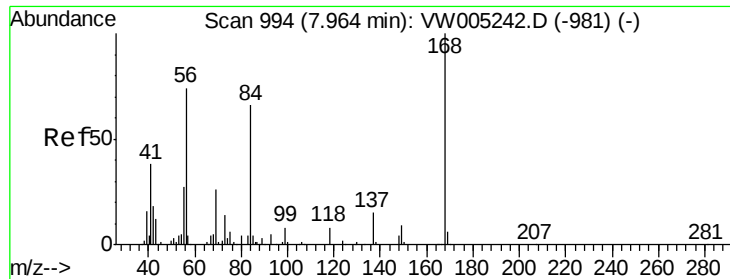
apatel
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#30
Chloroform
Concen: 22.80 ug/l
RT: 7.68 min Scan# 948
Delta R.T. 0.00 min
Lab File: VW005295.D
Acq: 12 Sep 2018 01:41

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	51.7	77.5





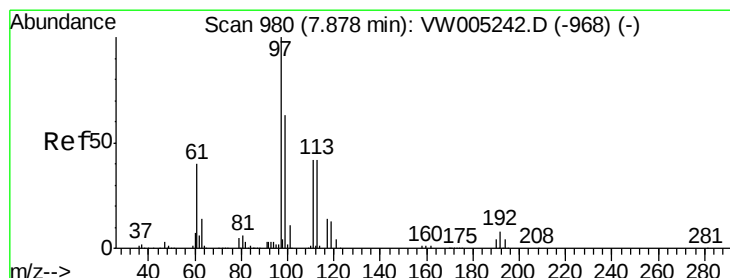
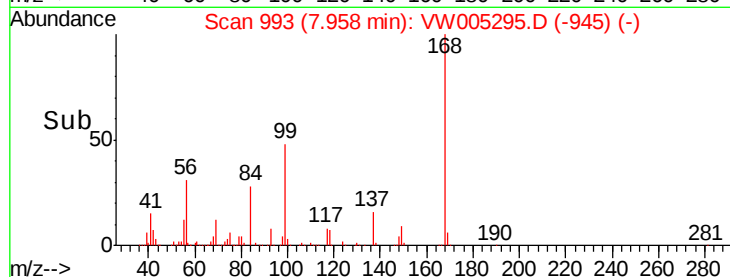
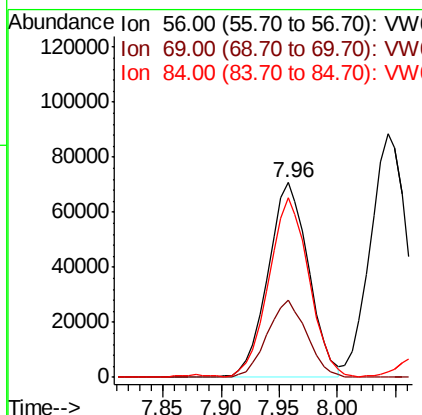
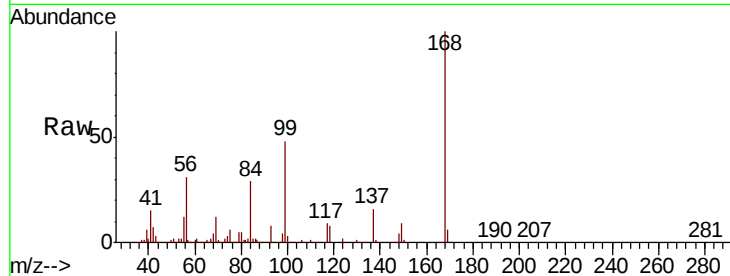
#31
Cvclohexane
Concen: 21.45 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.01 min
Lab File: VW005295.D
Acq: 12 Sep 2018 01:41

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBSD02

Tot Ion	Ratio	Lower	Upper
56	100		
69	39.5	27.8	41.8
84	91.3	72.1	108.1

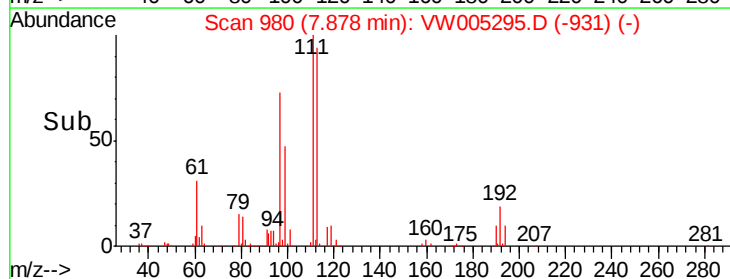
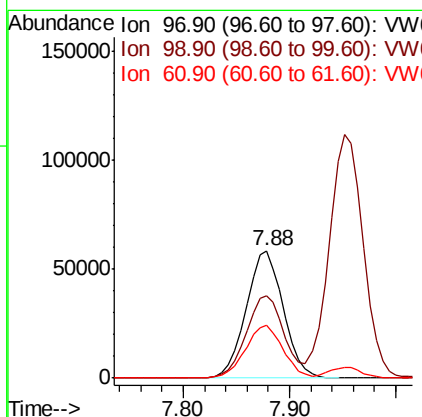
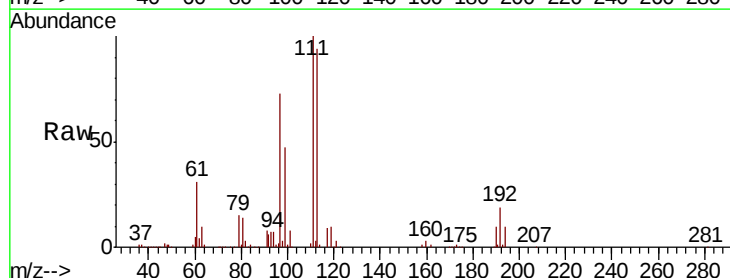
Manual Integrations
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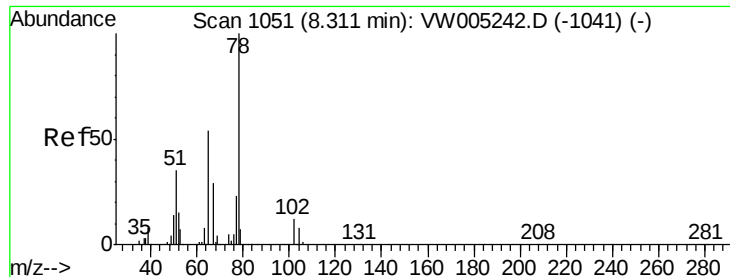
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#32
1,1,1-Trichloroethane
Concen: 21.06 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW005295.D
Acq: 12 Sep 2018 01:41

Tgt Ion	Ratio	Lower	Upper
97	100		
99	66.6	51.5	77.3
61	42.1	32.5	48.7





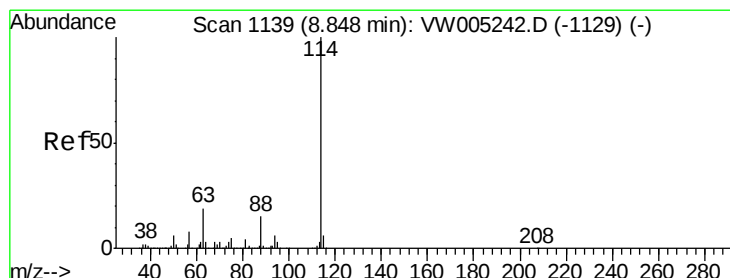
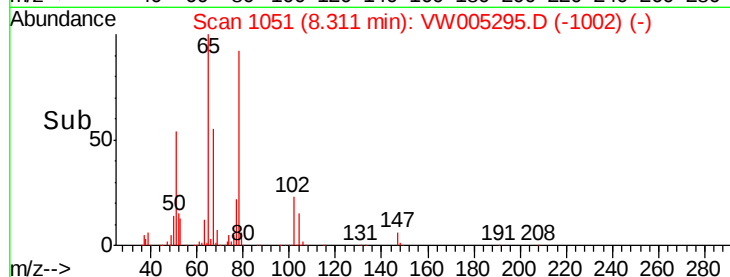
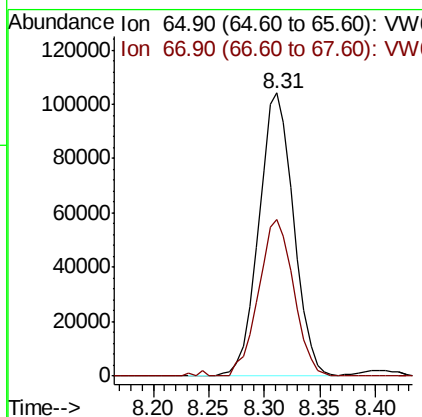
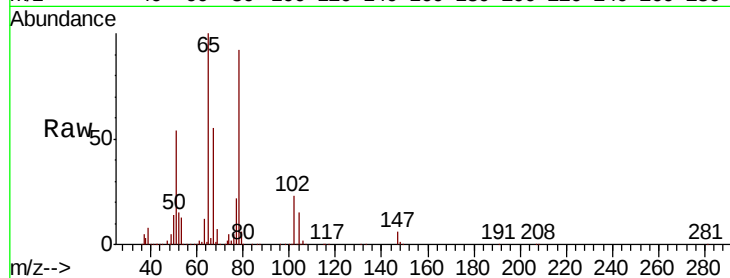
#33
 1,2-Dichloroethane-d4
 Concen: 60.83 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005295.D
 Acq: 12 Sep 2018 01:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0911SBSD02

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	56.1	0.0	112.2	

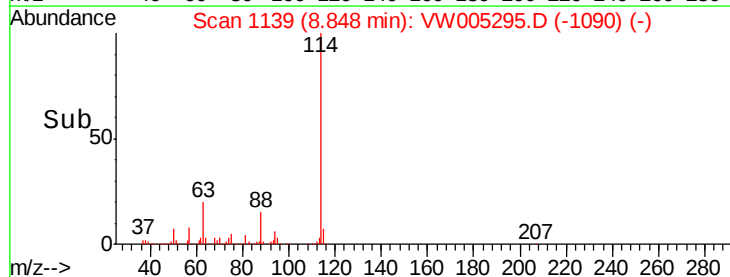
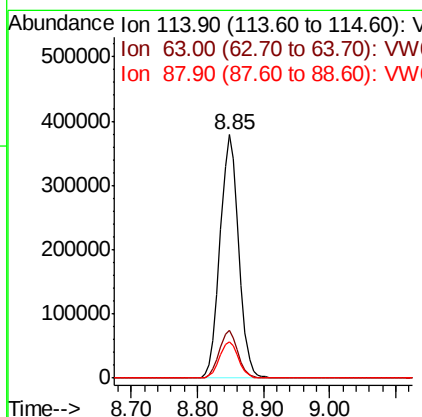
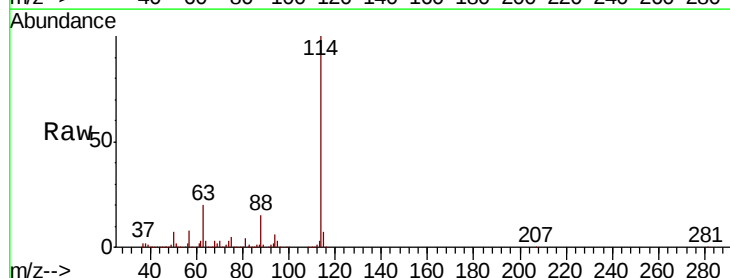
Manual Integrations
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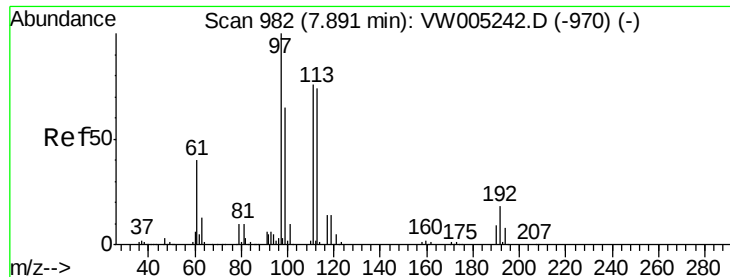
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005295.D
 Acq: 12 Sep 2018 01:41

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	19.5	0.0	37.0	
88	15.1	0.0	30.4	





#35

Dibromofluoromethane

Concen: 58.07 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.00 min

Lab File: VW005295.D

Acq: 12 Sep 2018 01:41

Instrument :

MSVOA_W

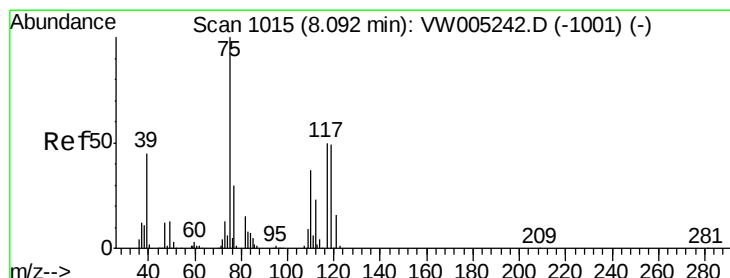
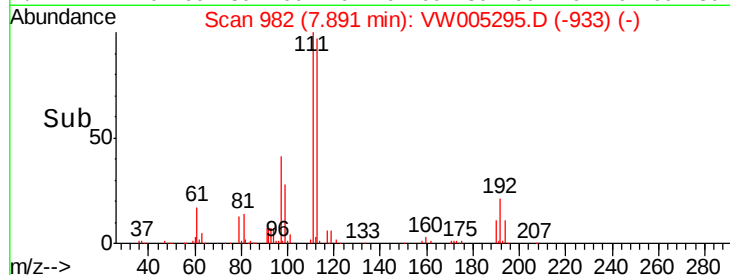
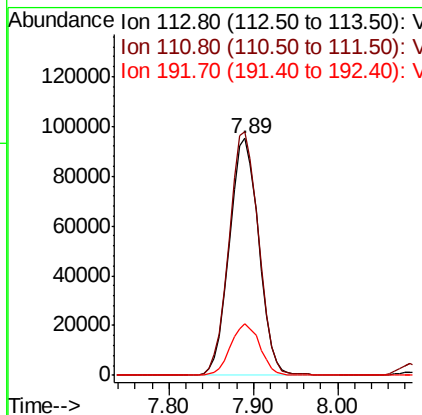
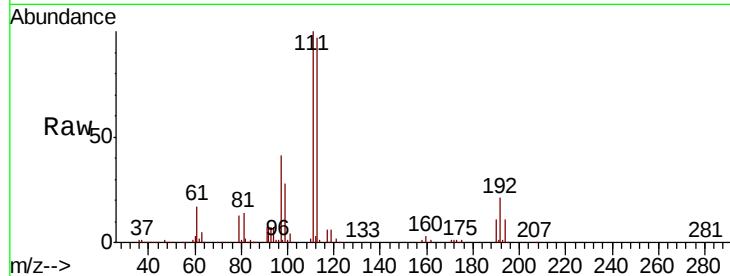
ClientSampleId :

VW0911SBSD02

Tot Ion:	113	Resp:	224455
Ion Ratio	Lower	Upper	
113	100		
111	103.7	80.6	121.0
192	21.7	18.3	27.5

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 21.17 ug/l

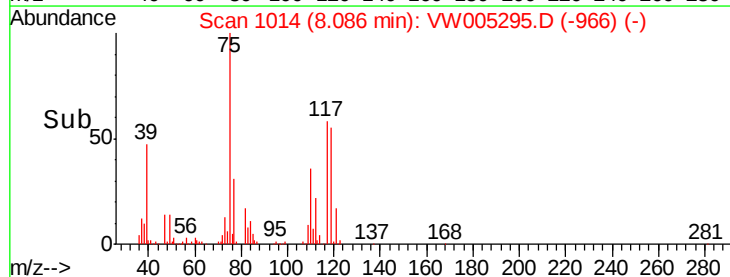
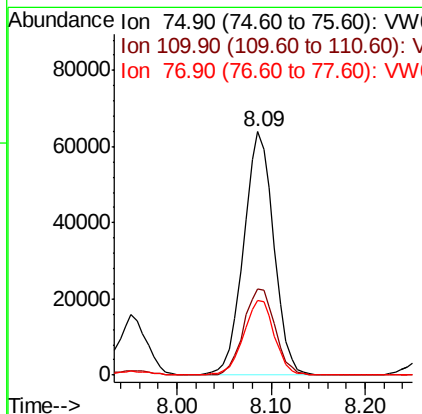
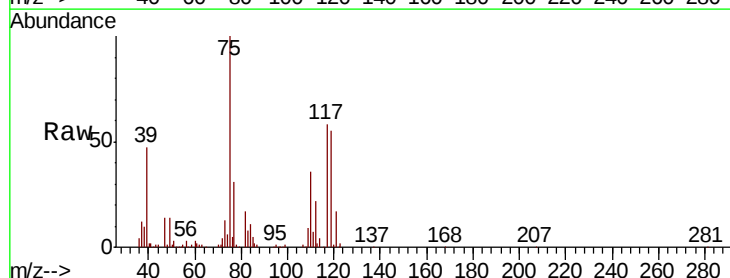
RT: 8.09 min Scan# 1014

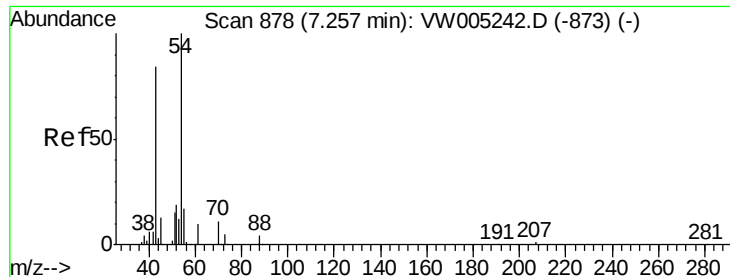
Delta R.T. -0.01 min

Lab File: VW005295.D

Acq: 12 Sep 2018 01:41

Tgt Ion:	75	Resp:	143079
Ion Ratio	Lower	Upper	
75	100		
110	36.8	18.8	56.4
77	31.6	24.9	37.3





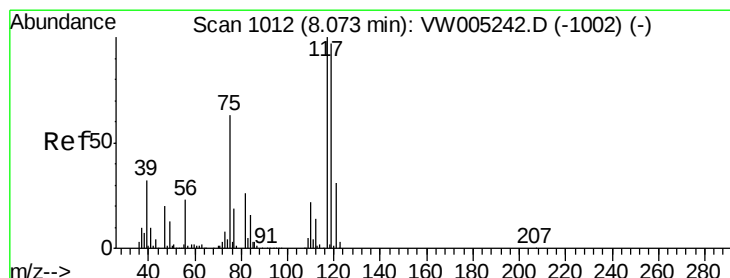
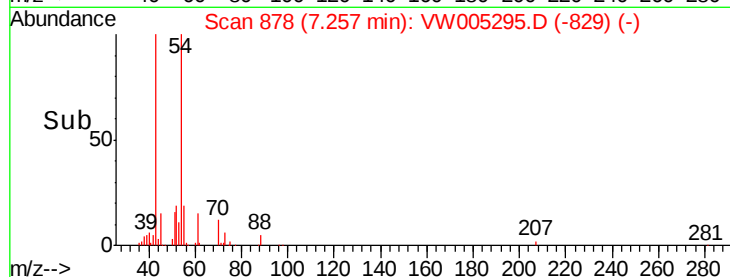
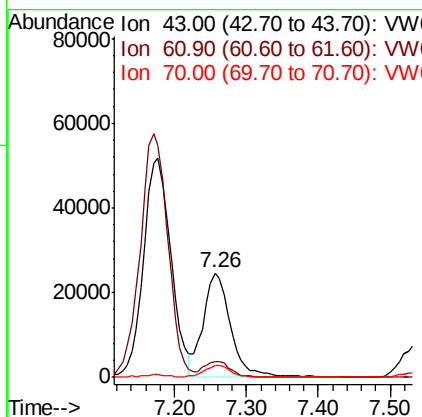
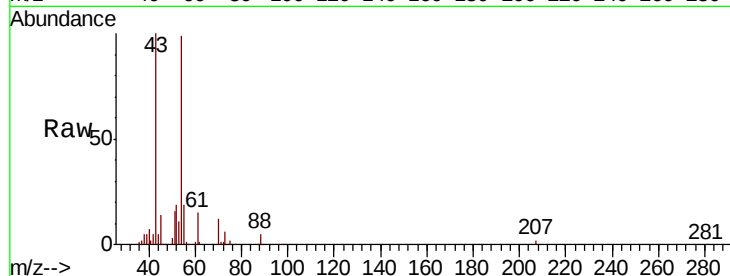
#37
Ethyl Acetate
Concen: 24.87 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW005295.D
Acq: 12 Sep 2018 01:41

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.0	12.3	18.5
70	11.5	9.5	14.3

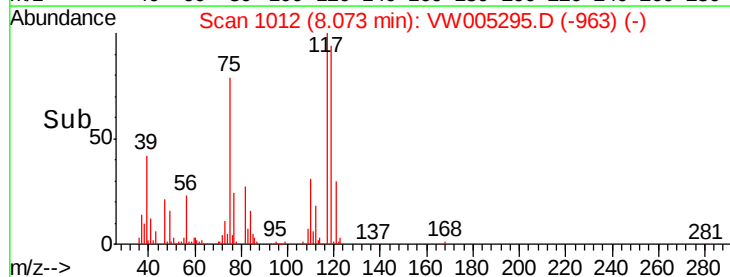
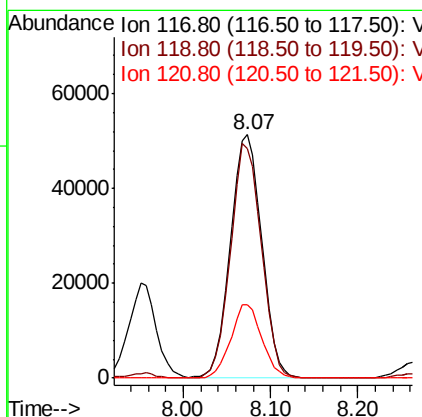
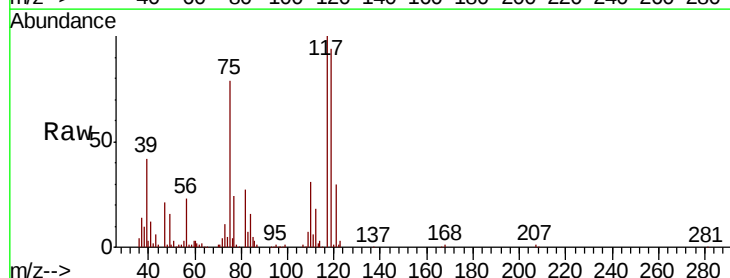
Manual Integrations
APPROVED

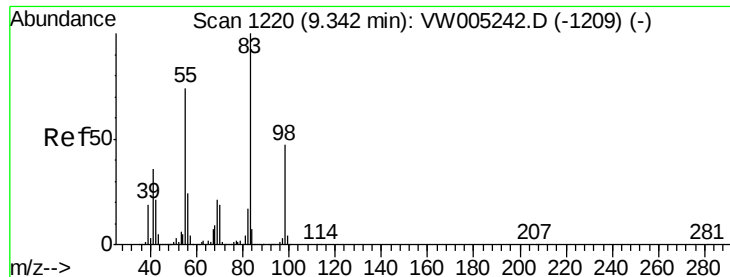
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#38
Carbon Tetrachloride
Concen: 20.18 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW005295.D
Acq: 12 Sep 2018 01:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.2	77.5	116.3
121	30.0	24.7	37.1





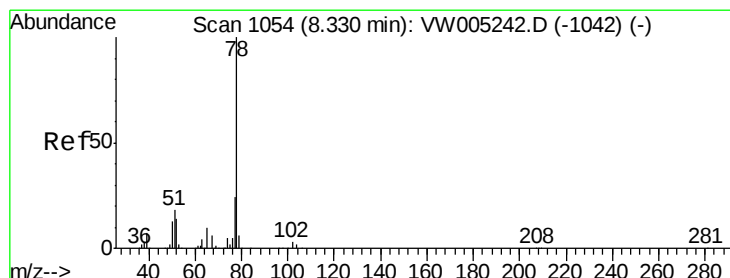
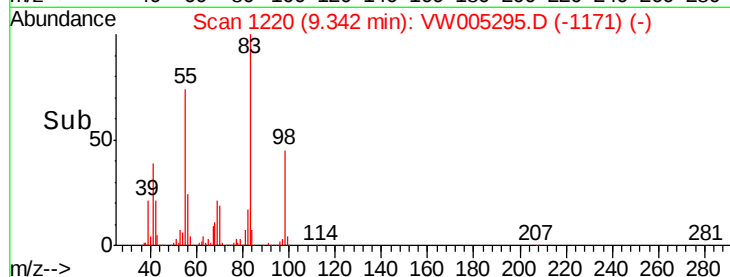
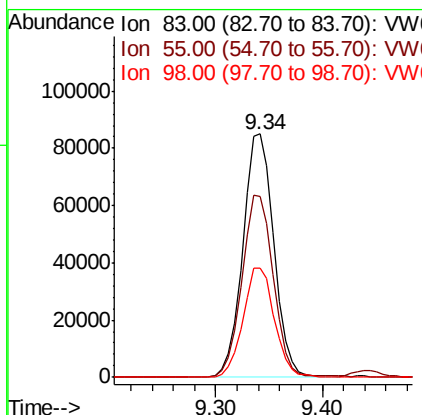
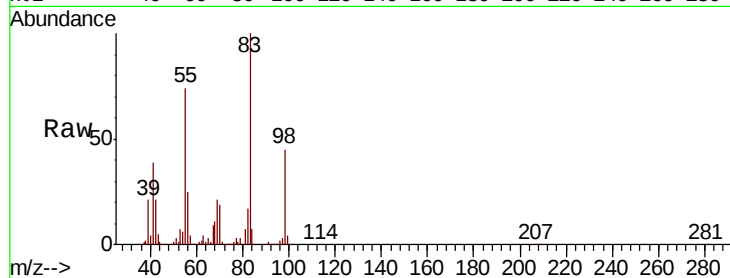
#39
Methylvlcyclohexane
Concen: 19.43 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW005295.D
Acq: 12 Sep 2018 01:41

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBSD02

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.1	58.9	88.3
98	45.0	37.6	56.4

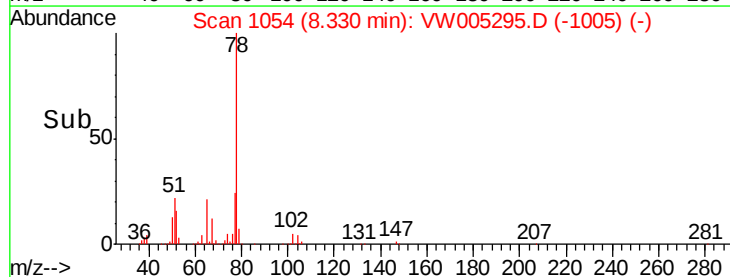
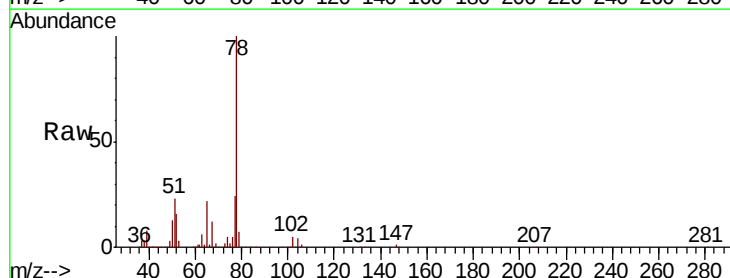
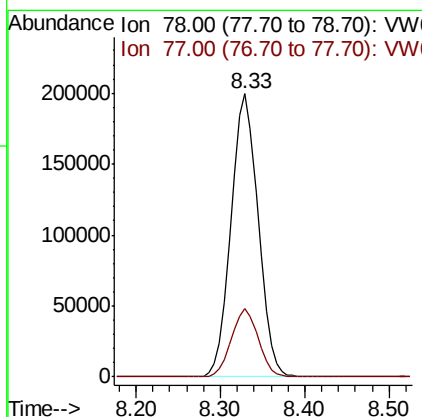
Manual Integrations
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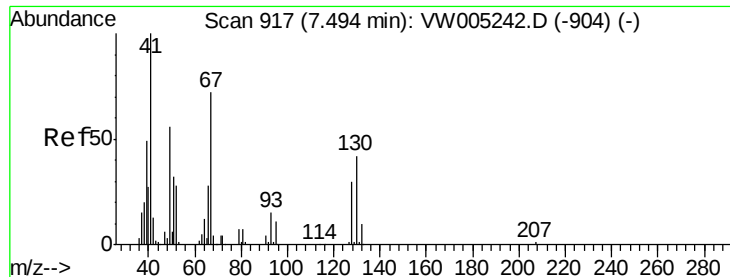
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#40
Benzene
Concen: 21.87 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW005295.D
Acq: 12 Sep 2018 01:41

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.9	28.3





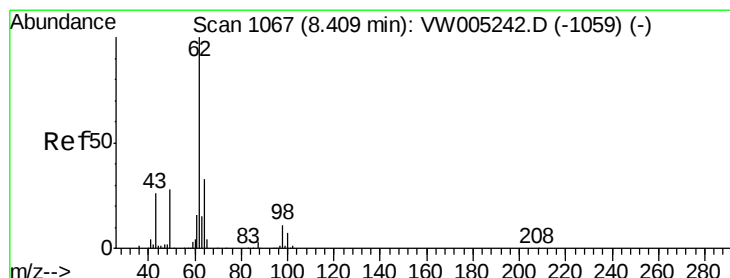
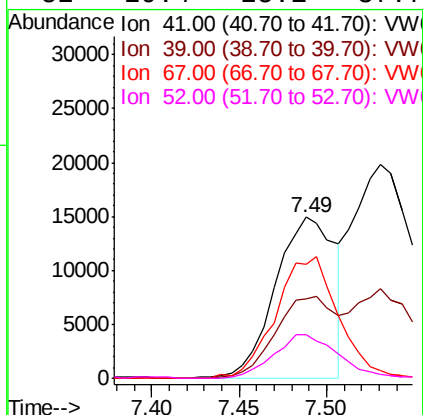
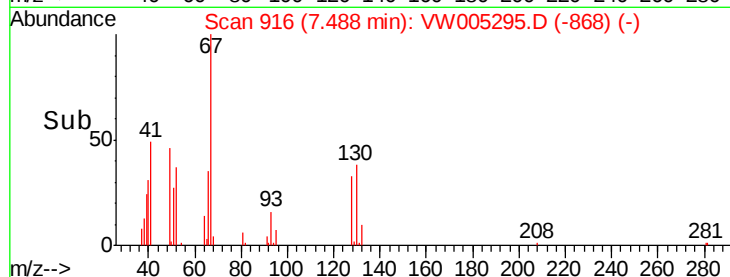
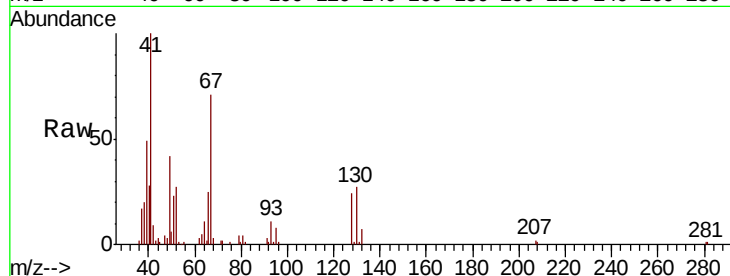
#41
Methacrylonitrile
Concen: 27.00 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.01 min
Lab File: VW005295.D
Acq: 12 Sep 2018 01:41

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBSD02

Tot Ion	Ratio	Lower	Upper
41	100		
39	50.4	39.9	59.9
67	79.4	65.7	98.5
52	29.4	25.1	37.7

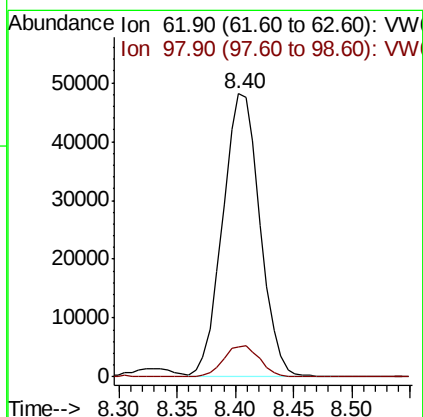
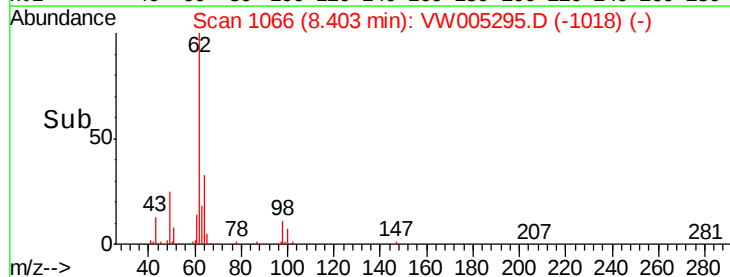
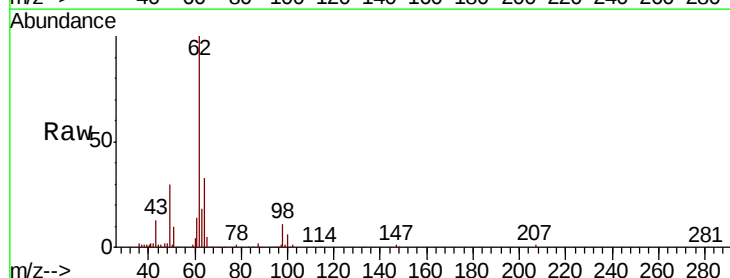
Manual Integrations
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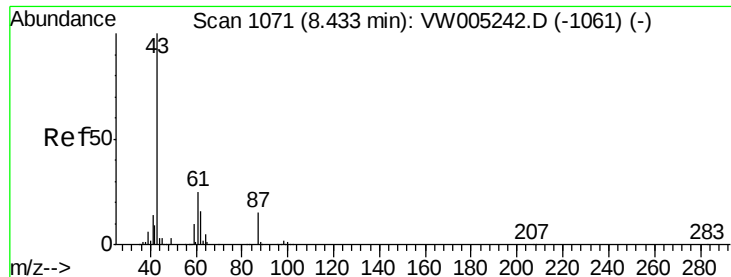
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#42
1,2-Dichloroethane
Concen: 22.45 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.01 min
Lab File: VW005295.D
Acq: 12 Sep 2018 01:41

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	22.0





#43

Isopropyl Acetate

Concen: 23.43 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW005295.D

Acq: 12 Sep 2018 01:41

Instrument :

MSVOA_W

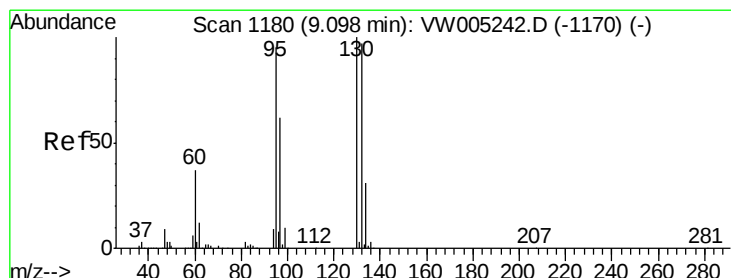
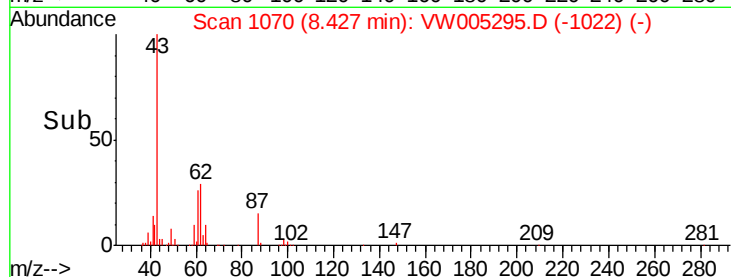
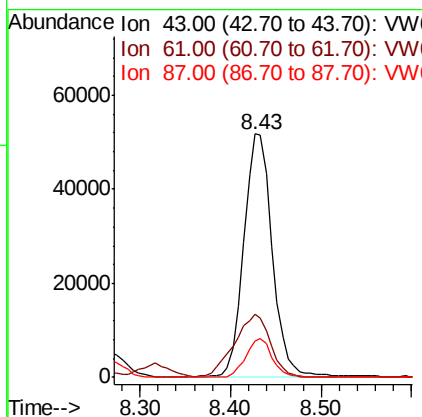
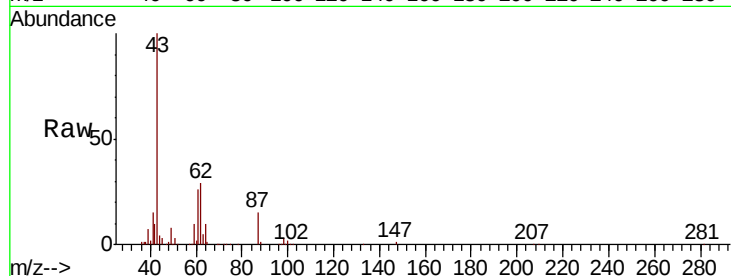
ClientSampleId :

VW0911SBSD02

Tot Ion:	43	Resp:	111851
Ion Ratio		Lower	Upper
43	100		
61	33.1	25.4	38.0
87	14.9	11.9	17.9

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#44

Trichloroethene

Concen: 21.20 ug/l

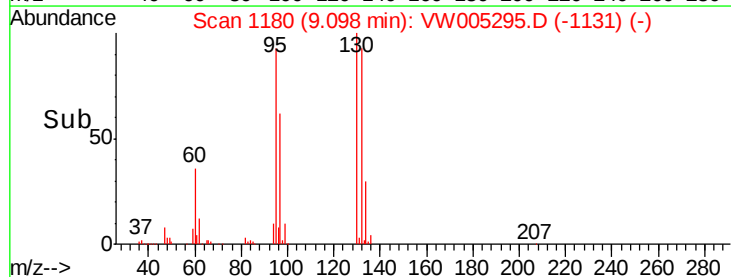
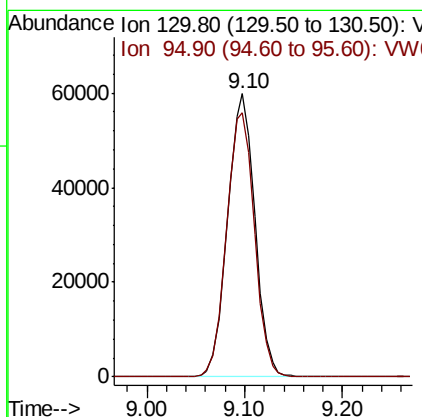
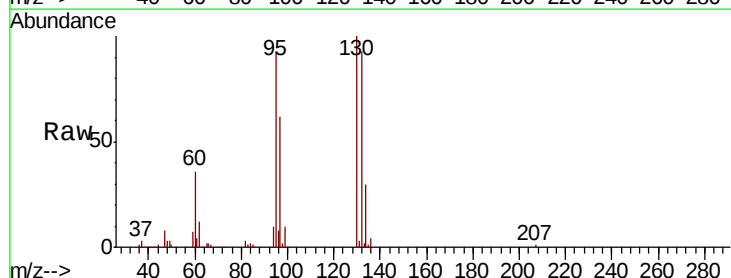
RT: 9.10 min Scan# 1180

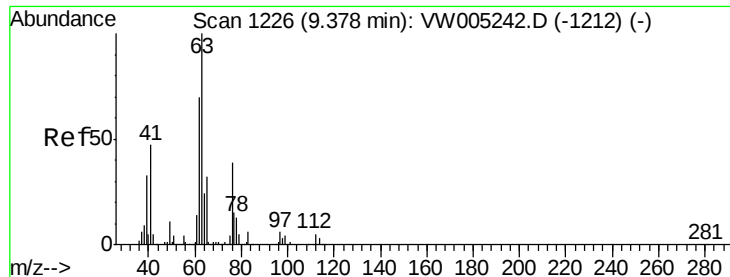
Delta R.T. 0.00 min

Lab File: VW005295.D

Acq: 12 Sep 2018 01:41

Tgt Ion:	130	Resp:	115807
Ion Ratio		Lower	Upper
130	100		
95	93.4	0.0	189.6





#45

1,2-Dichloropropane

Concen: 22.69 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. -0.01 min

Lab File: VW005295.D

Acq: 12 Sep 2018 01:41

Instrument :

MSVOA_W

ClientSampleId :

VW0911SBSD02

Tot Ion: 63 Resp: 108606

Ion Ratio Lower Upper

63 100

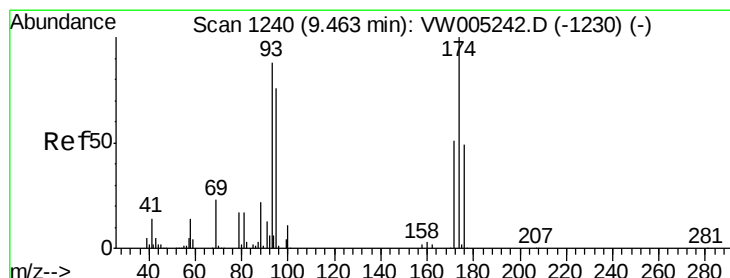
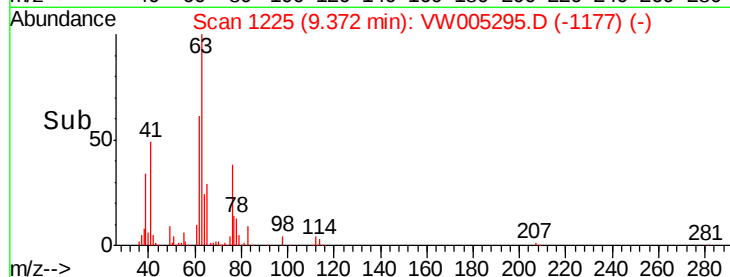
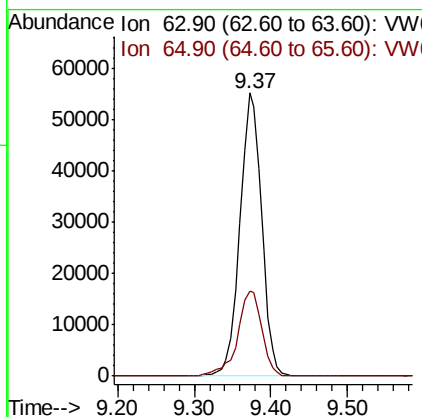
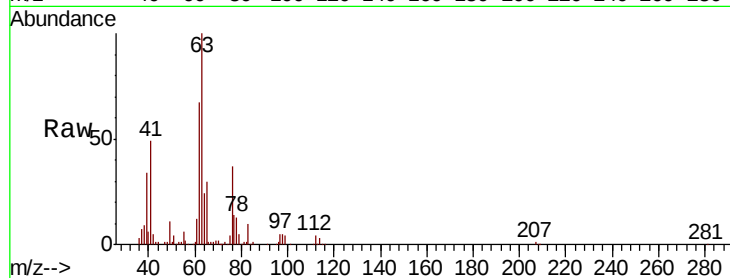
65 30.2 25.4 38.2

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#46

Dibromomethane

Concen: 21.74 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VW005295.D

Acq: 12 Sep 2018 01:41

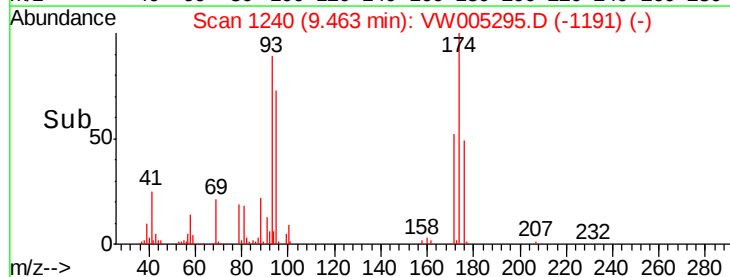
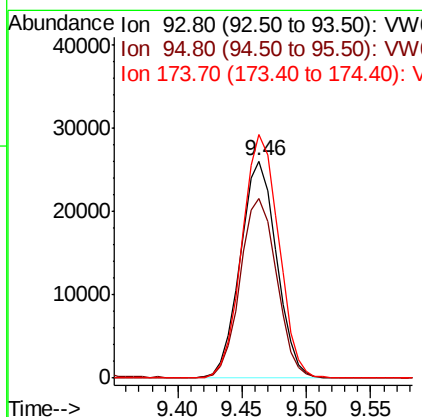
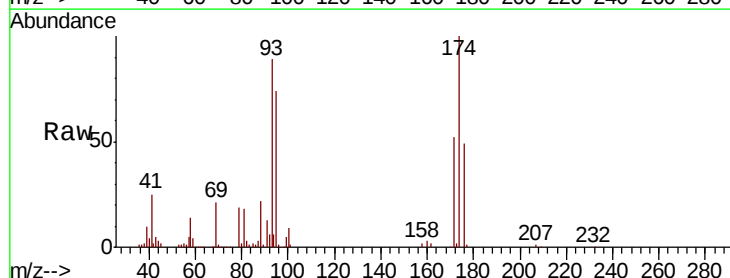
Tgt Ion: 93 Resp: 50932

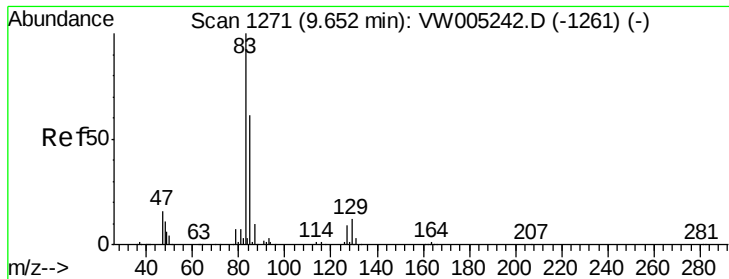
Ion Ratio Lower Upper

93 100

95 83.0 67.0 100.4

174 112.4 92.2 138.2





#47

Bromodichloromethane

Concen: 21.67 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VW005295.D

Acq: 12 Sep 2018 01:41

Instrument :

MSVOA_W

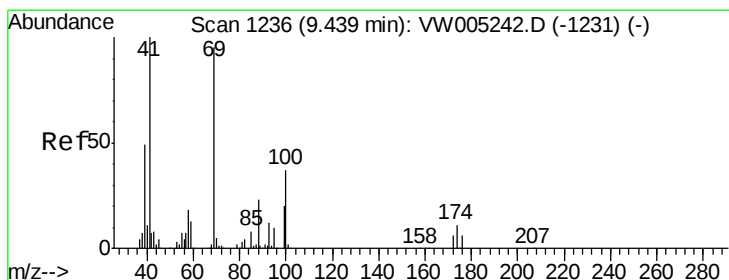
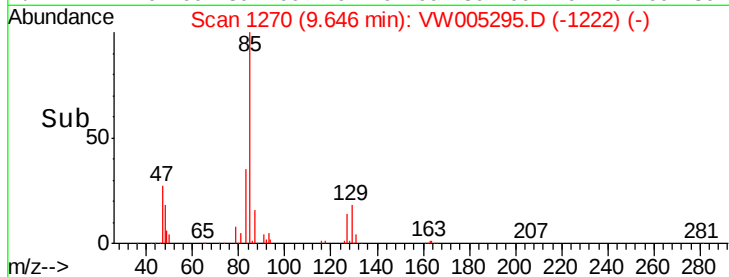
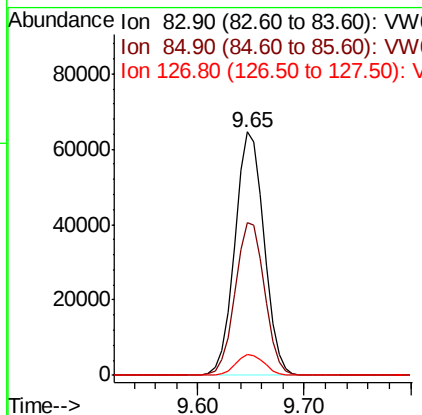
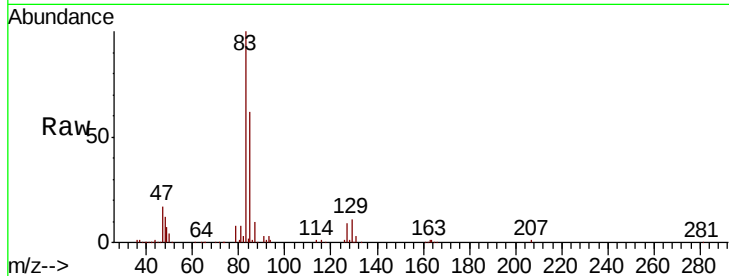
ClientSampleId :

VW0911SBSD02

Tot Ion:	83	Resp:	124216
Ion Ratio	Lower	Upper	
83	100		
85	62.5	49.0	73.6
127	8.8	7.0	10.4

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#48

Methyl methacrylate

Concen: 21.41 ug/l

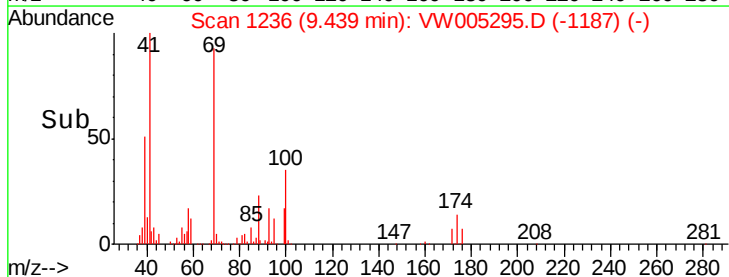
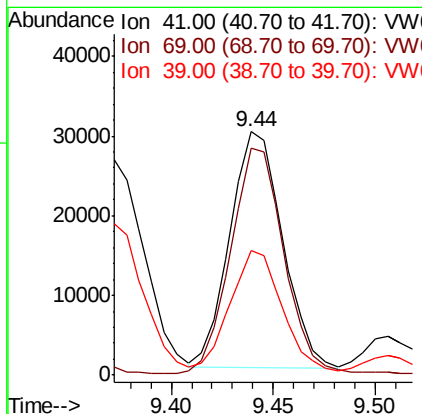
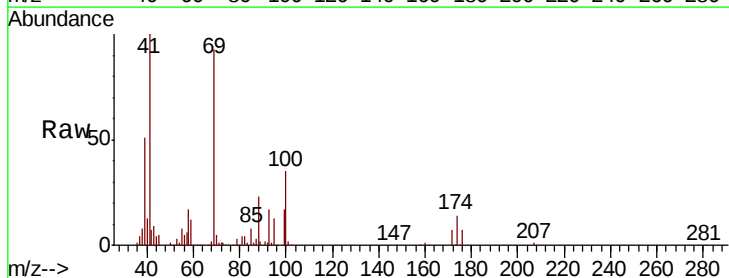
RT: 9.44 min Scan# 1236

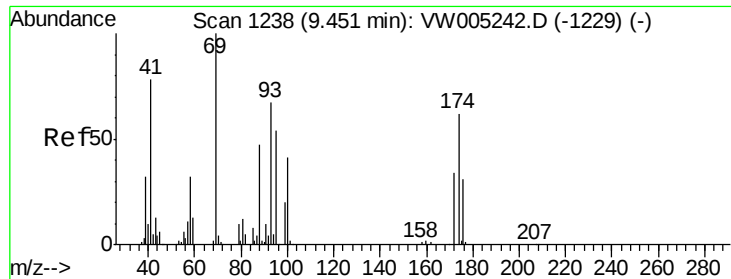
Delta R.T. 0.00 min

Lab File: VW005295.D

Acq: 12 Sep 2018 01:41

Tgt Ion:	41	Resp:	53079
Ion Ratio	Lower	Upper	
41	100		
69	100.0	74.6	112.0
39	53.6	36.7	55.1





#49

1,4-Dioxane

Concen: 459.25 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. -0.00 min

Lab File: VW005295.D

Acq: 12 Sep 2018 01:41

Instrument :

MSVOA_W

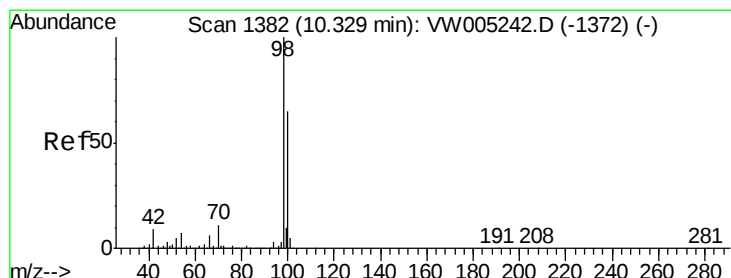
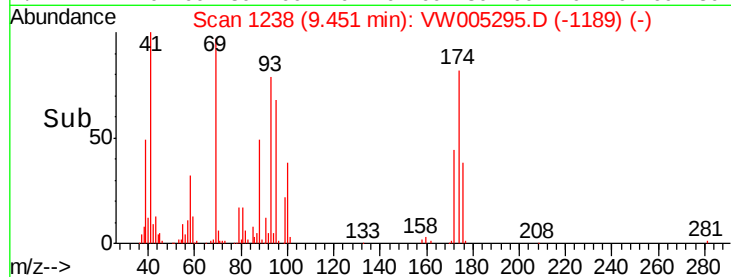
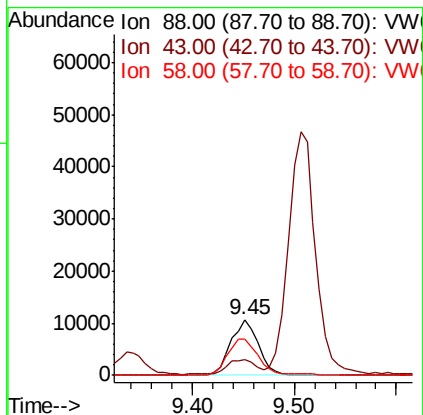
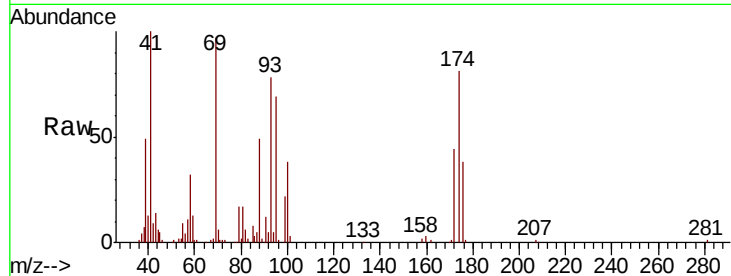
ClientSampleId :

VW0911SBSD02

Tot Ion:	88	Resp:	20091
Ion Ratio	Lower	Upper	
88	100		
43	28.0	22.7	34.1
58	71.6	56.6	85.0

Manual Integrations
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#50

Toluene-d8

Concen: 54.56 ug/l

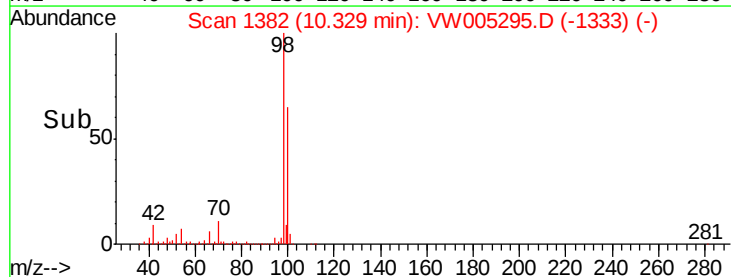
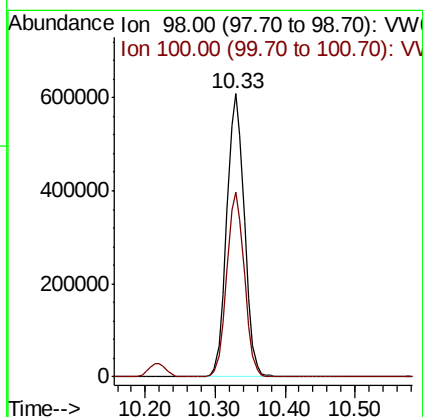
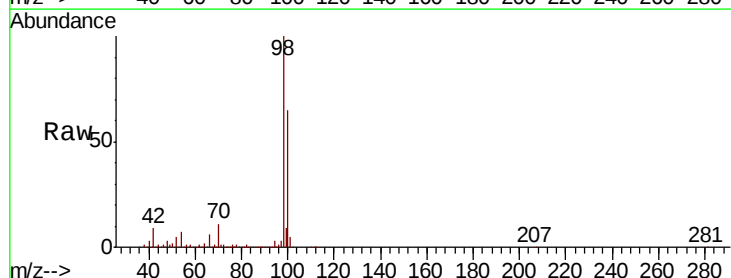
RT: 10.33 min Scan# 1382

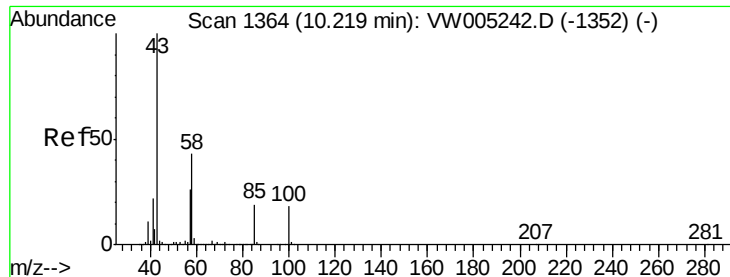
Delta R.T. 0.00 min

Lab File: VW005295.D

Acq: 12 Sep 2018 01:41

Tgt Ion:	98	Resp:	1065574
Ion Ratio	Lower	Upper	
98	100		
100	65.2	52.0	78.0





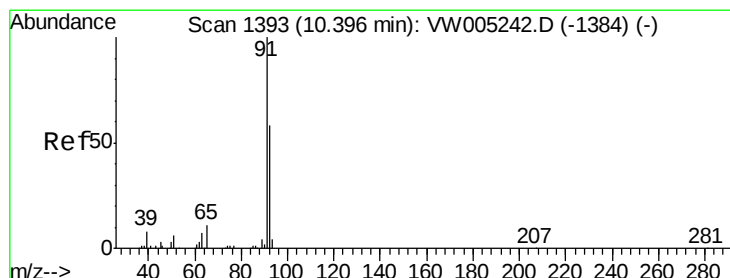
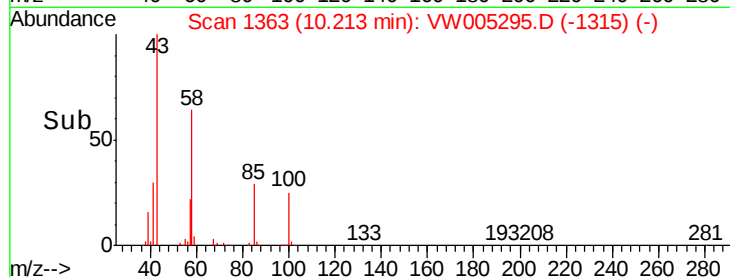
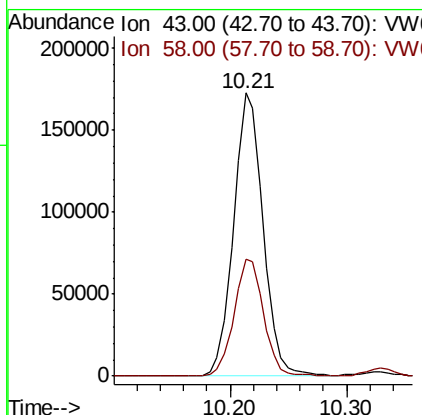
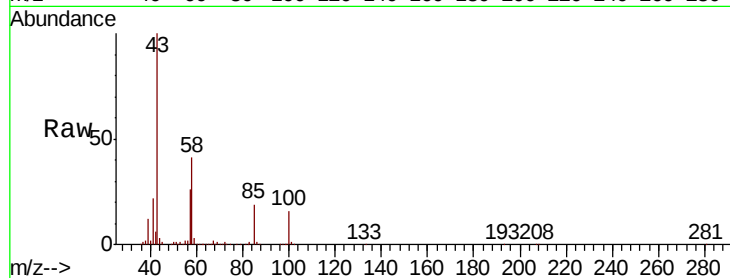
#51
 4-Methyl-2-Pentanone
 Concen: 113.08 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.01 min
 Lab File: VW005295.D
 Acq: 12 Sep 2018 01:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0911SBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
58	41.4	33.8	50.6

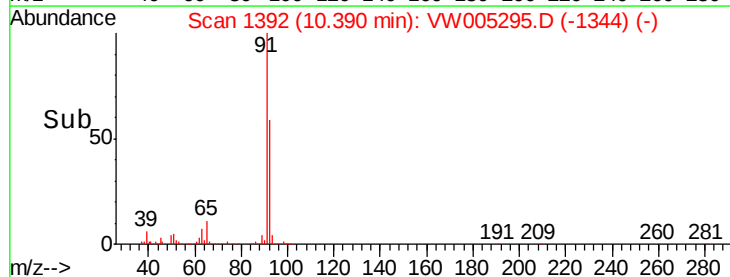
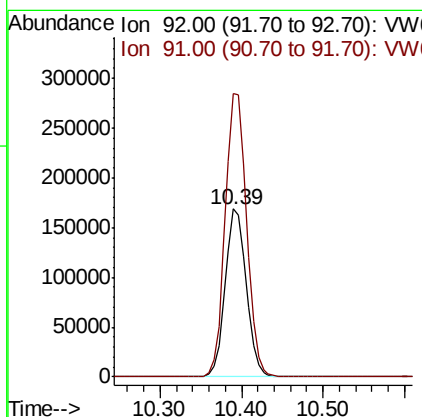
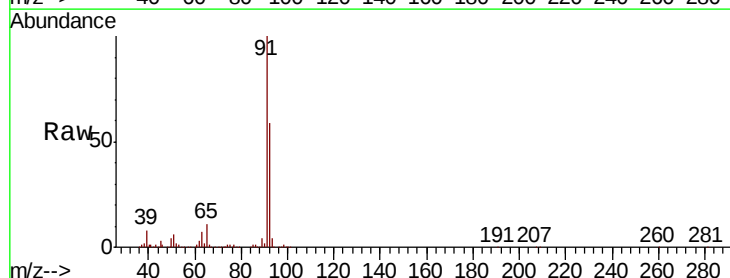
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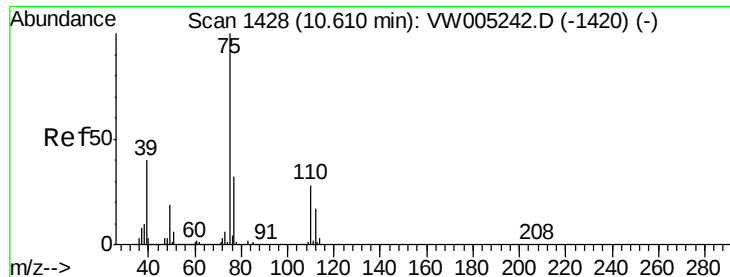
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#52
 Toluene
 Concen: 20.68 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.01 min
 Lab File: VW005295.D
 Acq: 12 Sep 2018 01:41

Tgt Ion	Ratio	Lower	Upper
92	100		
91	172.2	137.4	206.0





#53

t-1,3-Dichloropropene

Concen: 20.38 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW005295.D

Acq: 12 Sep 2018 01:41

Instrument :

MSVOA_W

ClientSampleId :

VW0911SBSD02

Tot Ion: 75 Resp: 126236

Ion Ratio Lower Upper

75 100

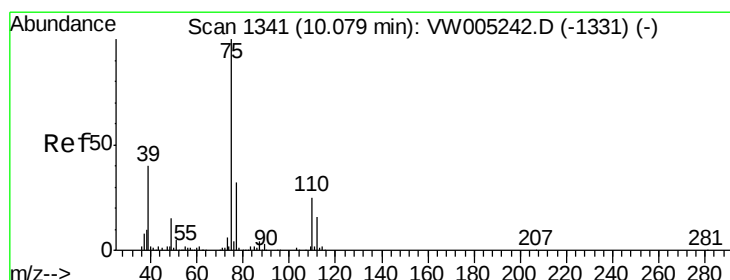
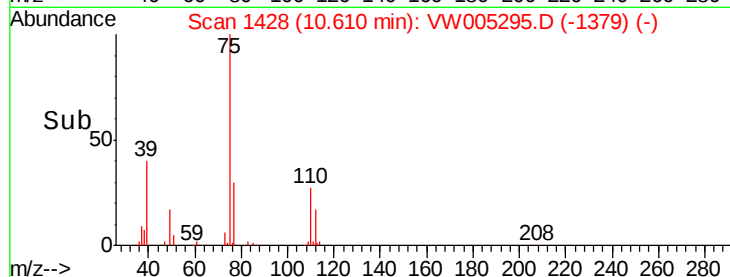
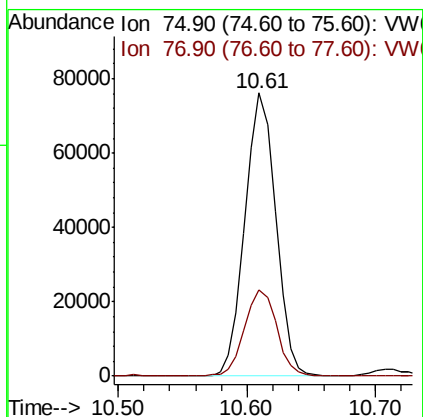
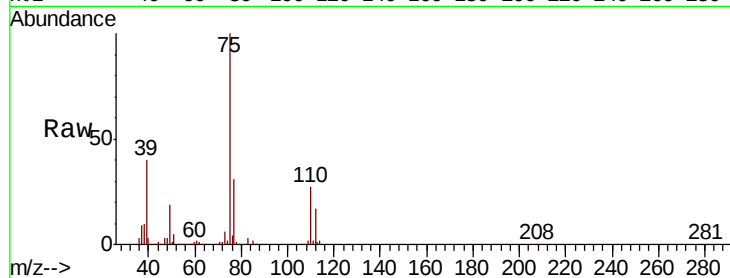
77 30.5 25.8 38.8

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#54

cis-1,3-Dichloropropene

Concen: 21.16 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VW005295.D

Acq: 12 Sep 2018 01:41

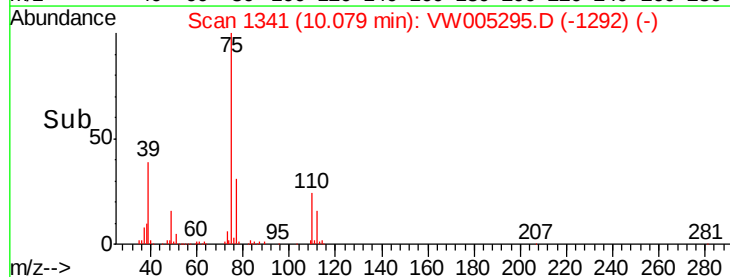
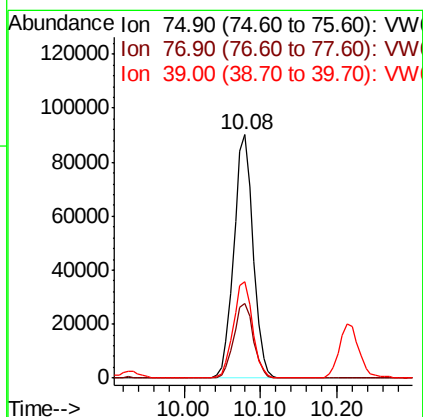
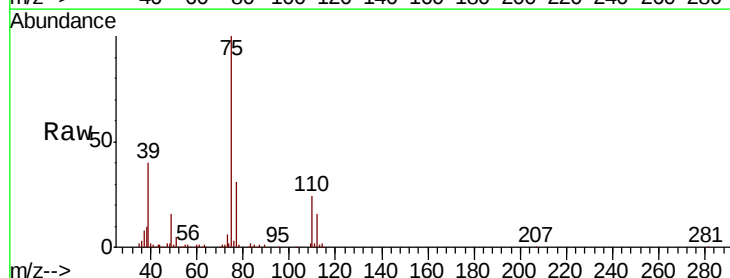
Tgt Ion: 75 Resp: 156987

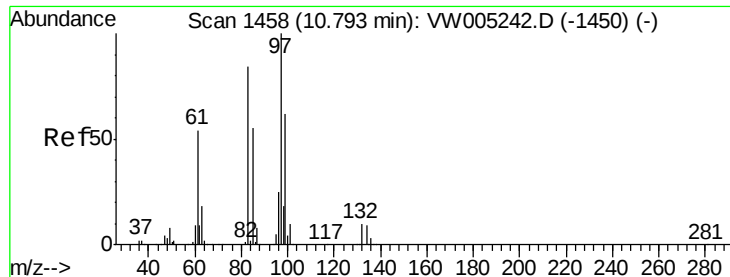
Ion Ratio Lower Upper

75 100

77 30.6 25.5 38.3

39 39.2 31.8 47.6





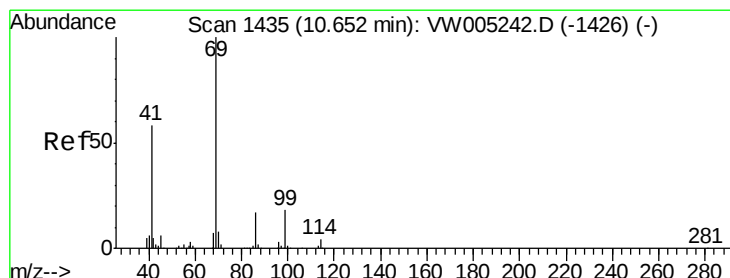
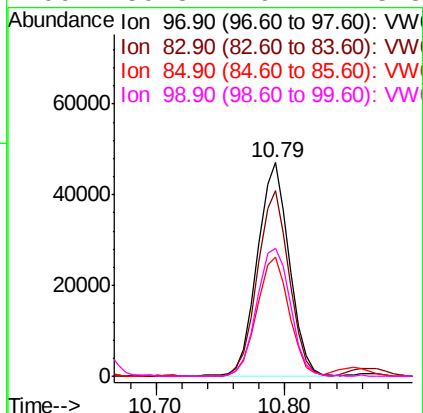
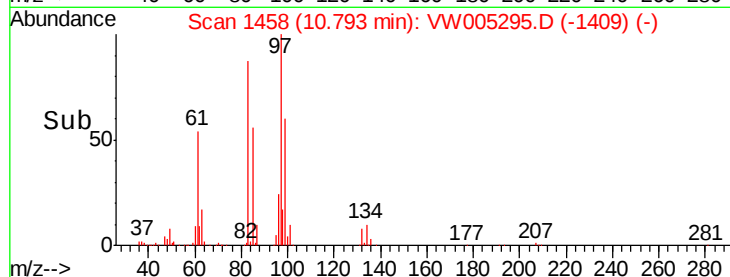
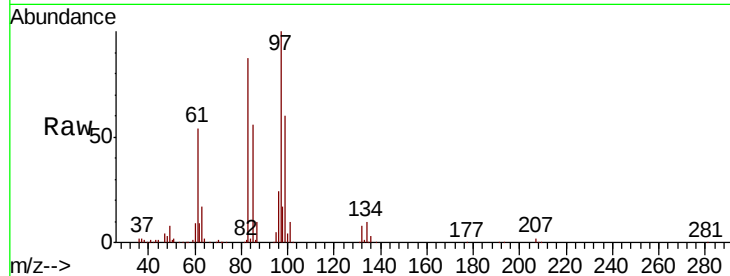
#55
 1,1,2-Trichloroethane
 Concen: 21.60 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW005295.D
 Acq: 12 Sep 2018 01:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0911SBSD02

Tot Ion:	97	Resp:	80682
Ion	Ratio	Lower	Upper
97	100		
83	87.0	67.2	100.8
85	55.4	44.4	66.6
99	59.8	49.2	73.8

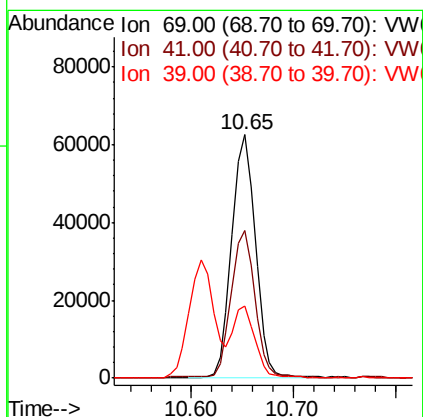
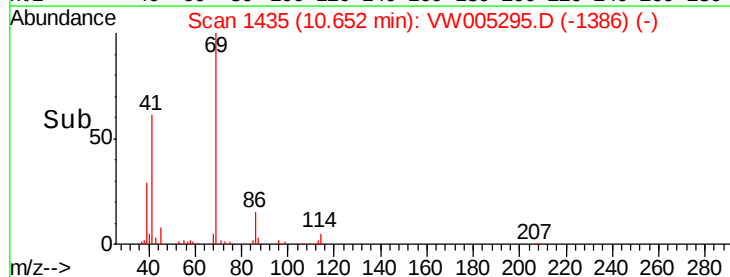
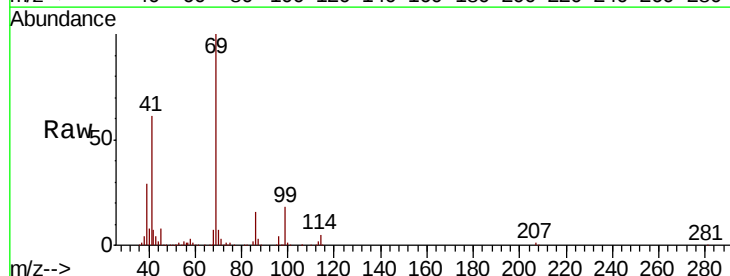
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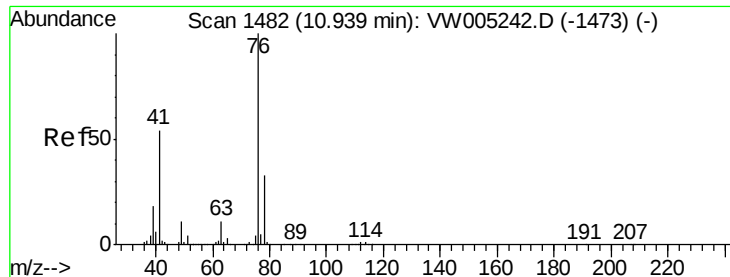
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#56
 Ethyl methacrylate
 Concen: 21.44 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW005295.D
 Acq: 12 Sep 2018 01:41

Tgt Ion:	69	Resp:	101572
Ion	Ratio	Lower	Upper
69	100		
41	59.4	48.7	73.1
39	26.9	20.9	31.3





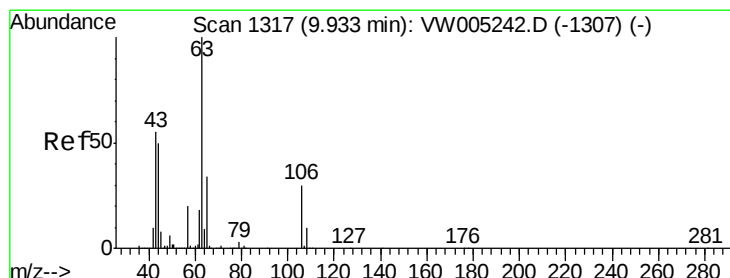
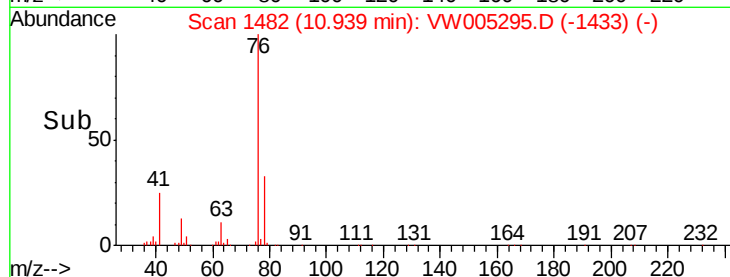
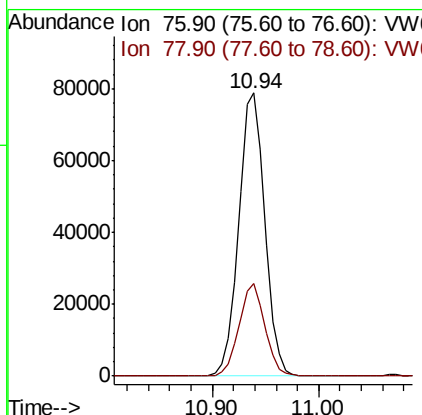
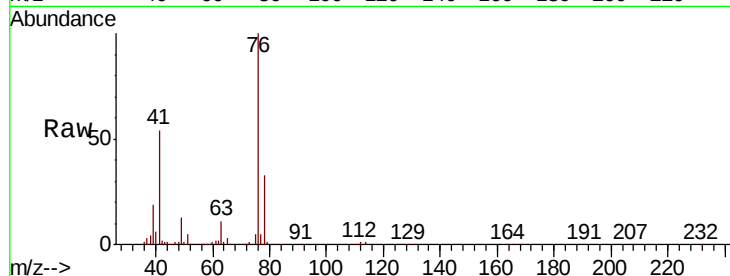
#57
 1,3-Dichloropropane
 Concen: 21.85 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: VW005295.D
 Acq: 12 Sep 2018 01:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0911SBSD02

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	26.0	39.0

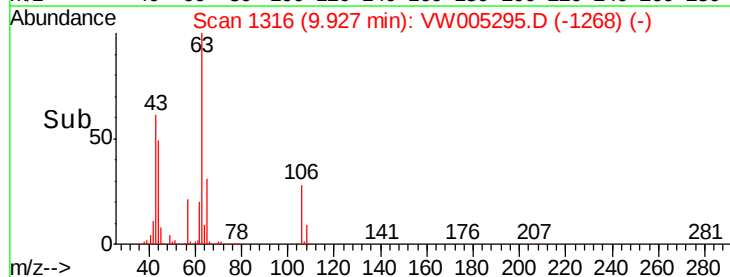
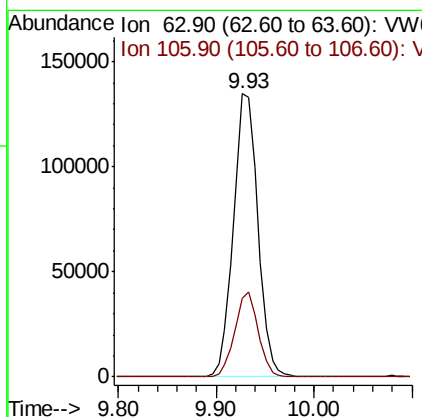
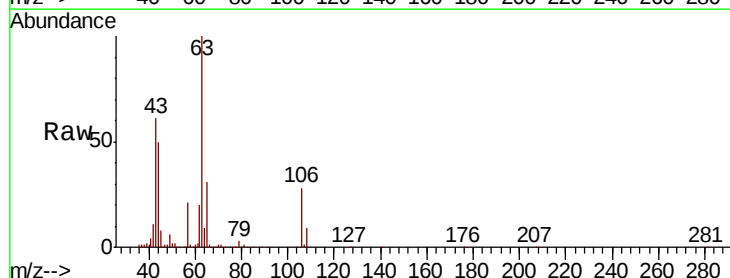
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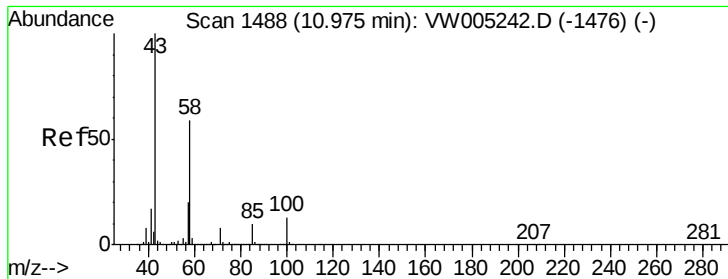
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#58
 2-Chloroethyl Vinyl ether
 Concen: 114.09 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: VW005295.D
 Acq: 12 Sep 2018 01:41

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.4	23.4	35.0





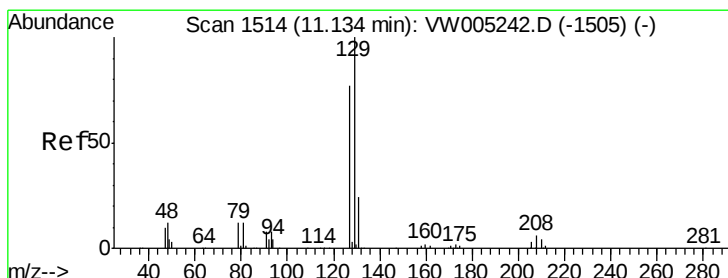
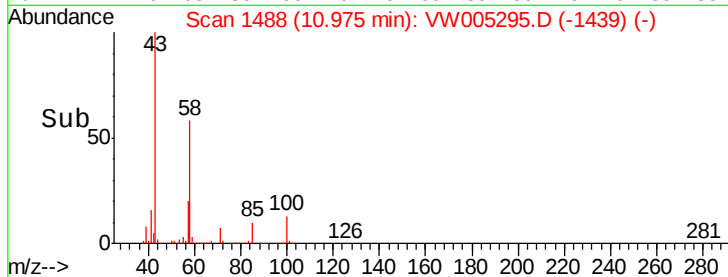
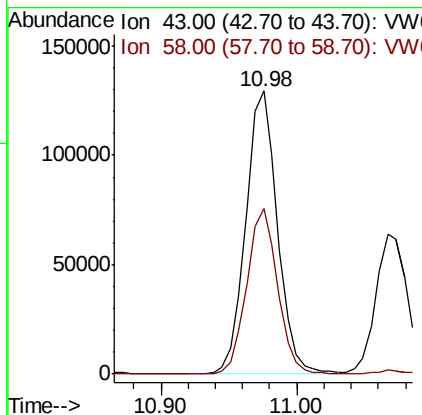
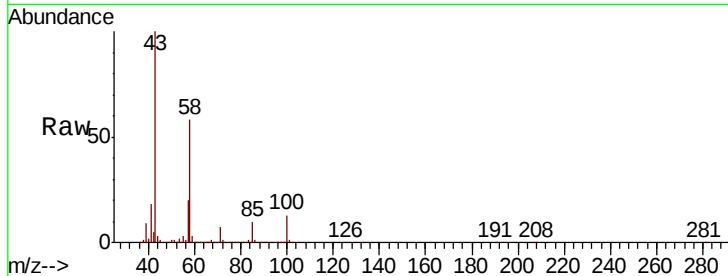
#59
2-Hexanone
Concen: 108.74 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005295.D
Acq: 12 Sep 2018 01:41

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBSD02

Tot Ion: 43 Resp: 210640
Ion Ratio Lower Upper
43 100
58 57.6 29.3 87.9

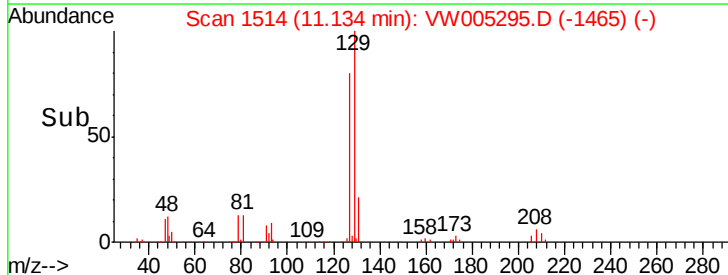
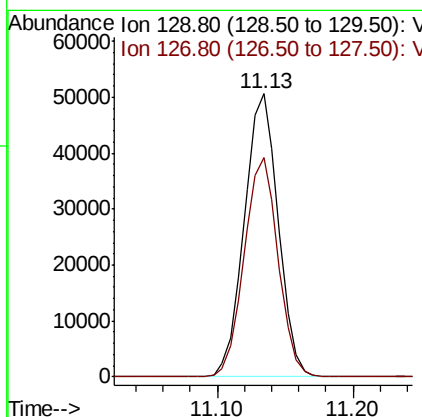
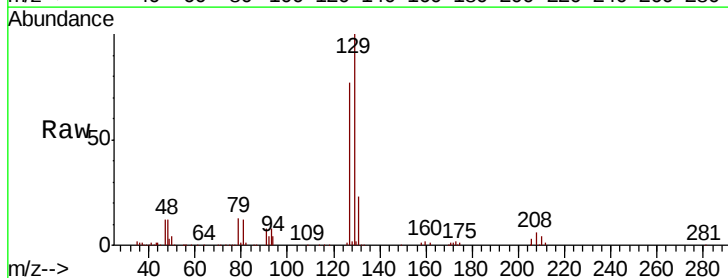
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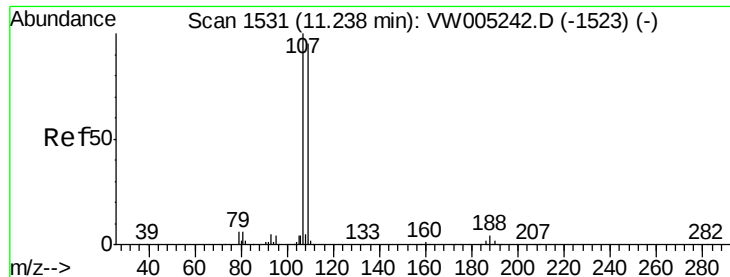
apatel
9/12/2018 2:20:45 PM



#60
Dibromochloromethane
Concen: 21.32 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW005295.D
Acq: 12 Sep 2018 01:41

Tgt Ion: 129 Resp: 88378
Ion Ratio Lower Upper
129 100
127 77.4 39.0 117.0





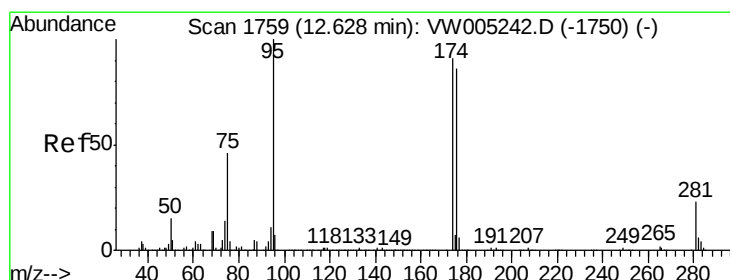
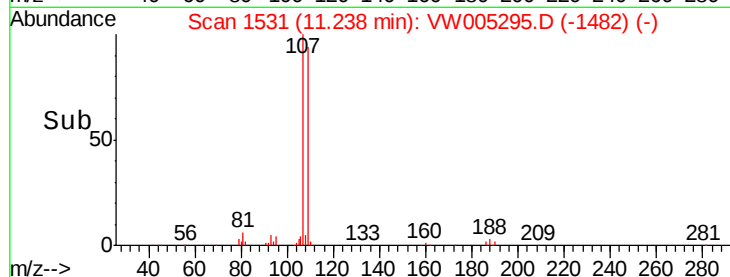
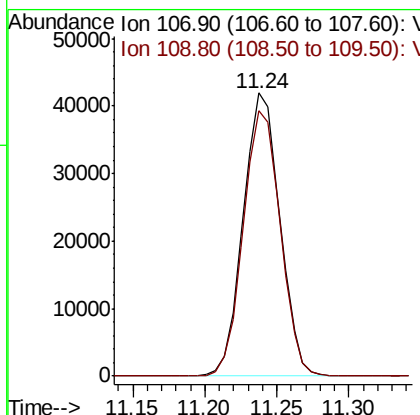
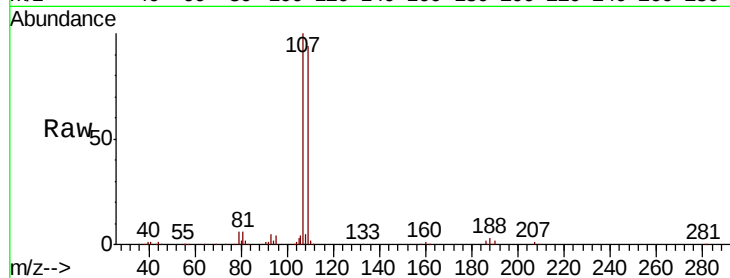
#61
 1,2-Dibromoethane
 Concen: 21.54 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW005295.D
 Acq: 12 Sep 2018 01:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0911SBSD02

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.9	75.7	113.5

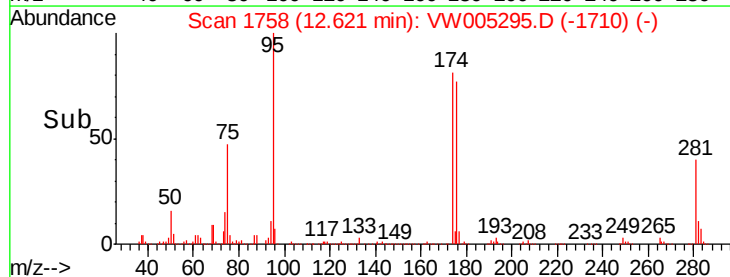
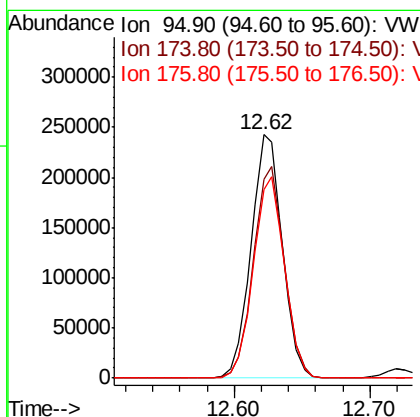
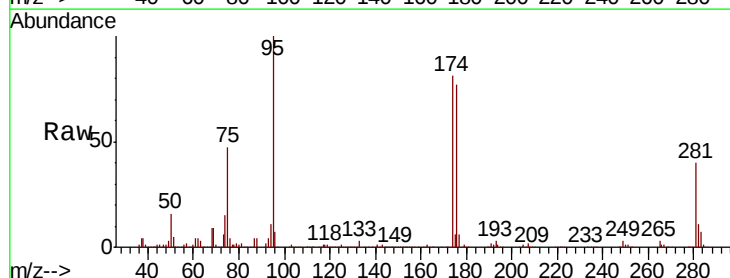
Manual Integrations
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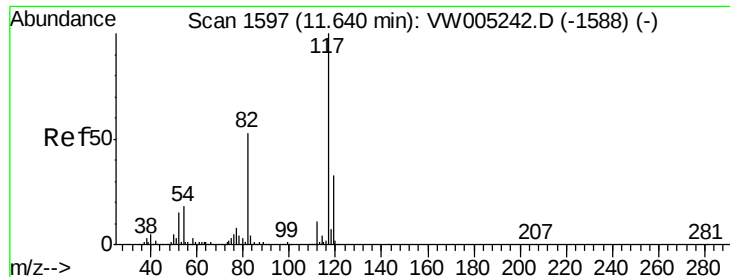
apatel
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#62
 4-Bromofluorobenzene
 Concen: 54.79 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.01 min
 Lab File: VW005295.D
 Acq: 12 Sep 2018 01:41

Tgt Ion	Ratio	Lower	Upper
95	100		
174	85.9	0.0	174.6
176	82.7	0.0	167.6





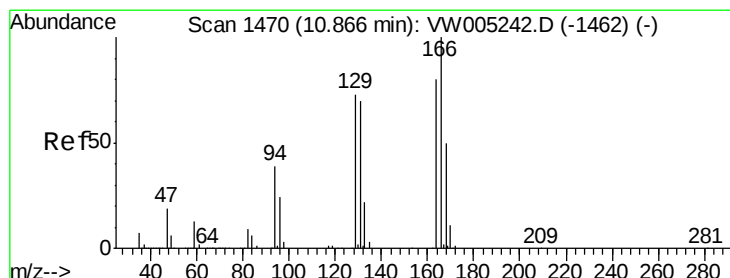
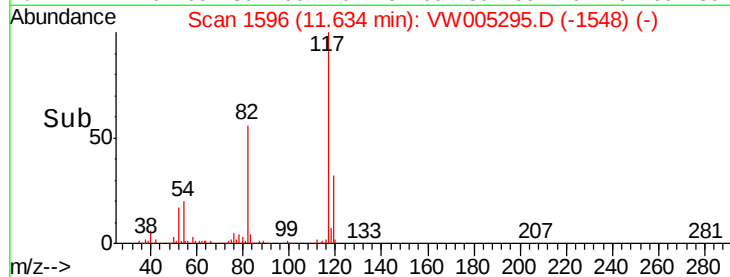
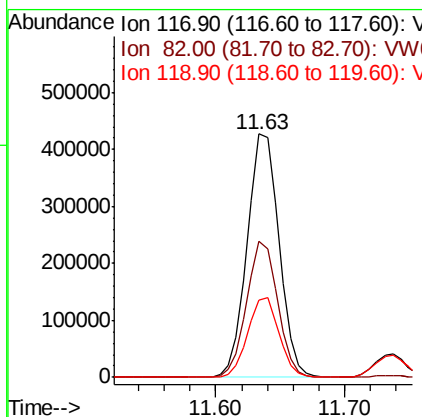
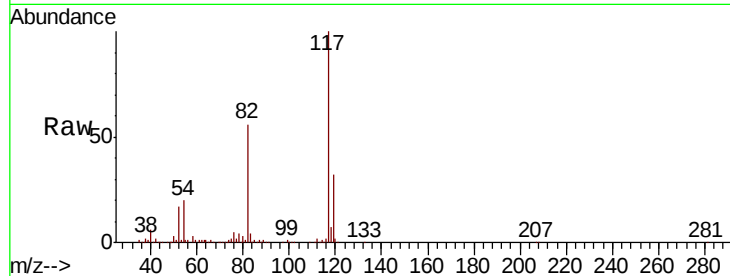
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.01 min
Lab File: VW005295.D
Acq: 12 Sep 2018 01:41

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBSD02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	730826		
82	55.9		42.6	63.8
119	31.8		26.2	39.4

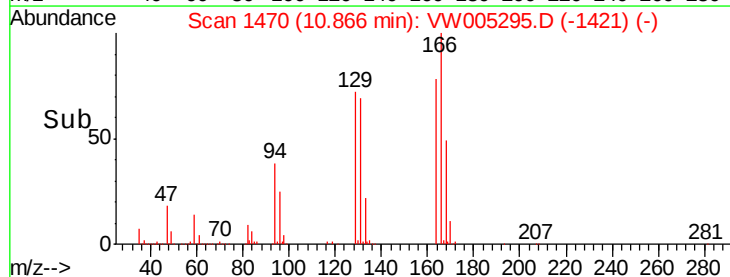
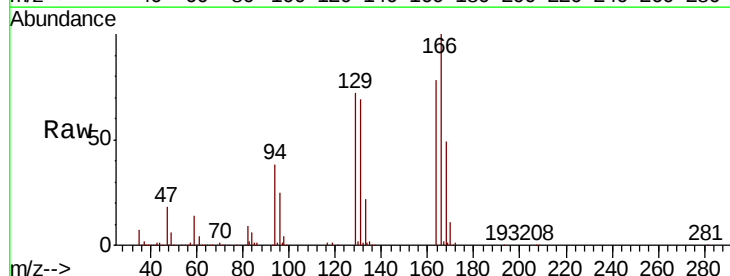
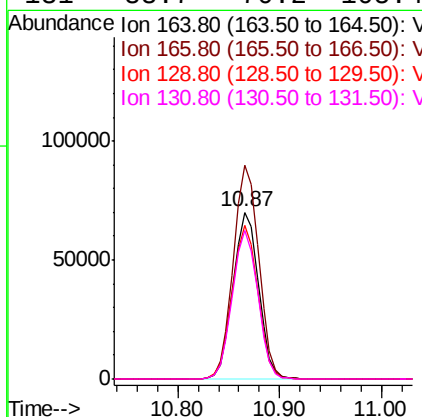
Manual Integrations
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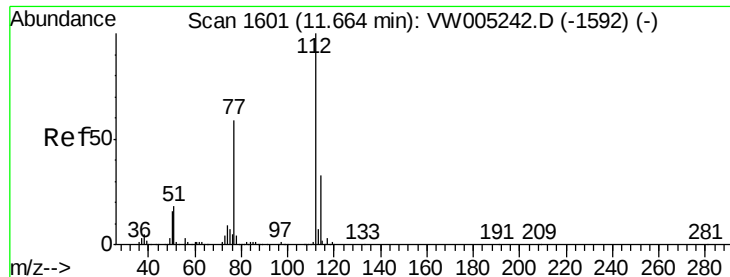
apatel
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#64
Tetrachloroethene
Concen: 22.39 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005295.D
Acq: 12 Sep 2018 01:41

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	121376		
166	128.0		100.2	150.2
129	92.2		73.2	109.8
131	88.7		70.2	105.4





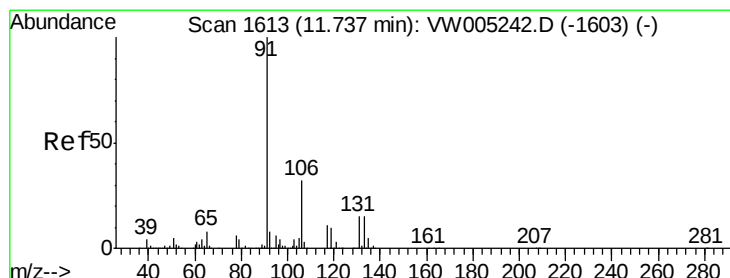
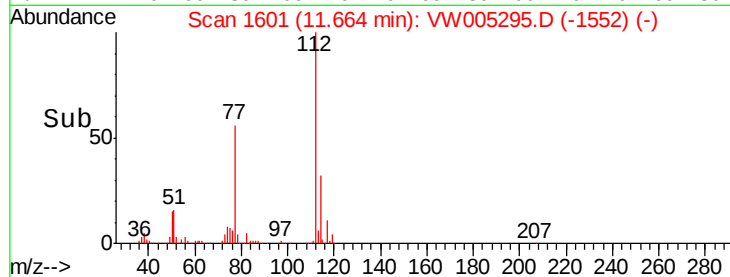
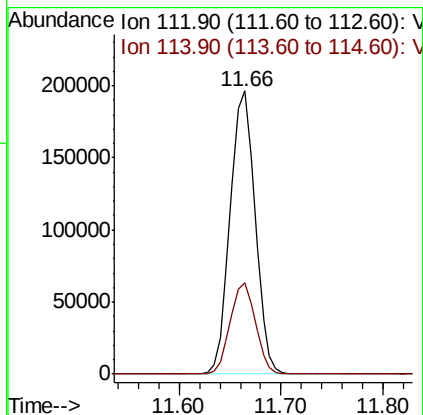
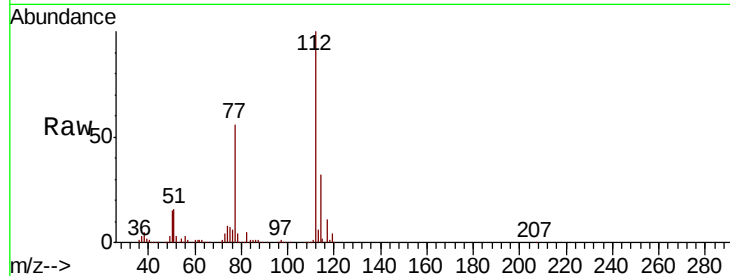
#65
Chlorobenzene
Concen: 20.75 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW005295.D
Acq: 12 Sep 2018 01:41

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBSD02

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.2	26.2	39.4

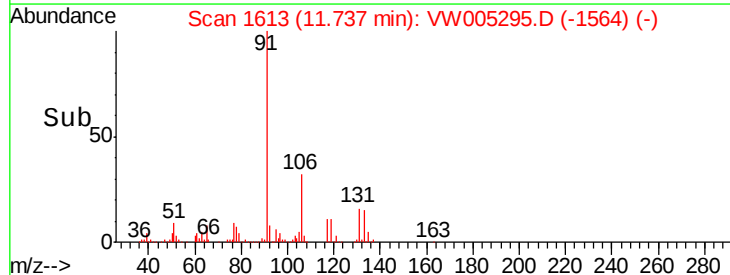
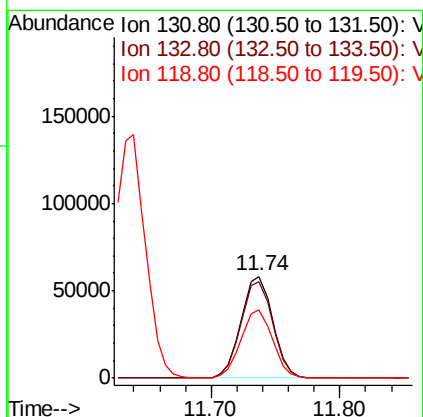
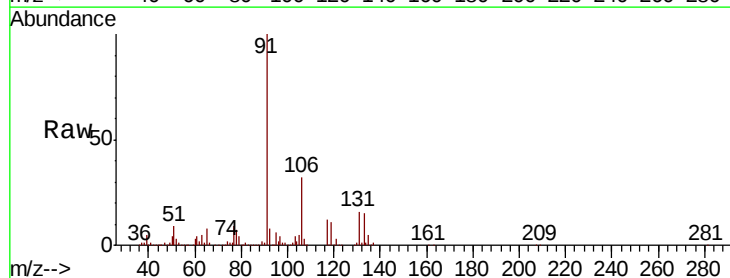
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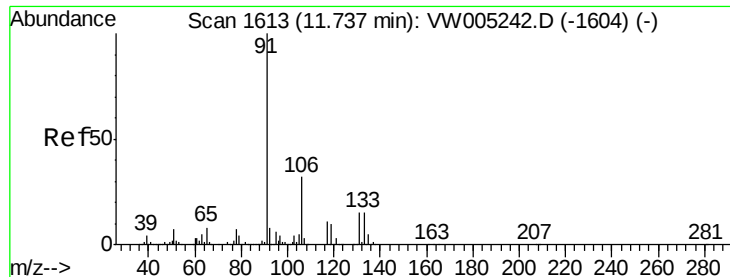
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.73 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW005295.D
Acq: 12 Sep 2018 01:41

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.9	48.1	144.3
119	67.5	33.4	100.1





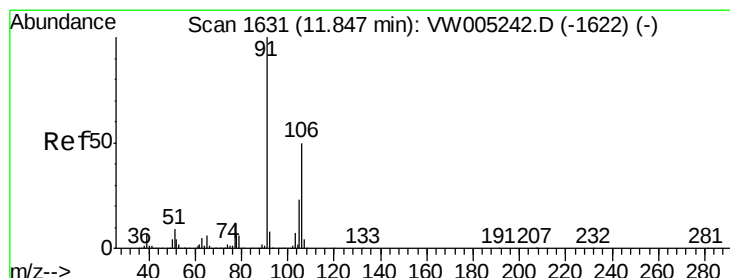
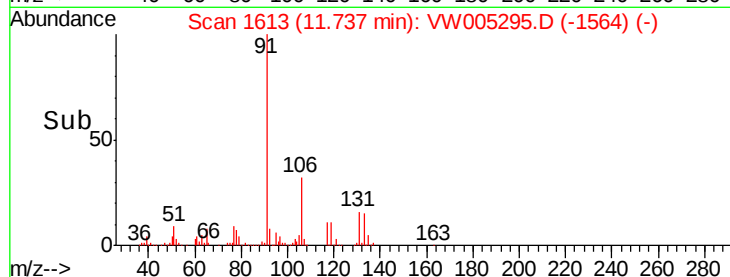
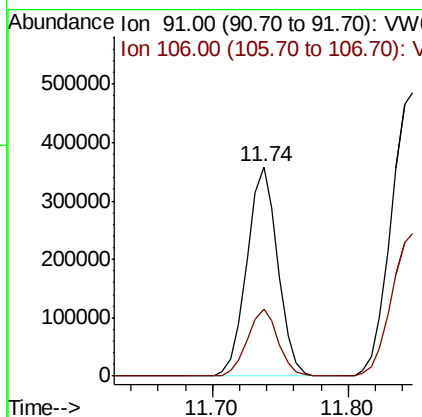
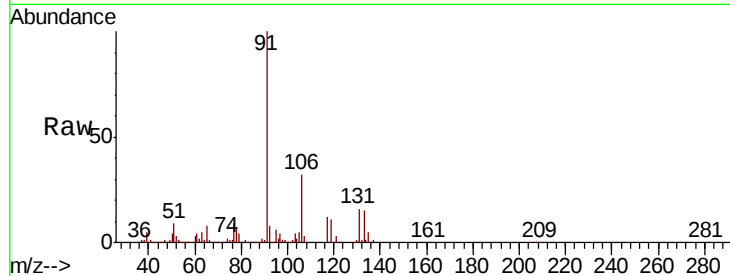
#67
Ethyl Benzene
Concen: 20.43 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW005295.D
Acq: 12 Sep 2018 01:41

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBSD02

Tot Ion	Ion	Ratio	Lower	Upper
91	100			
106	32.3	25.6	38.4	

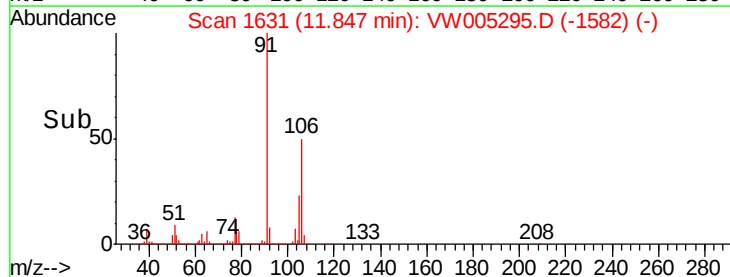
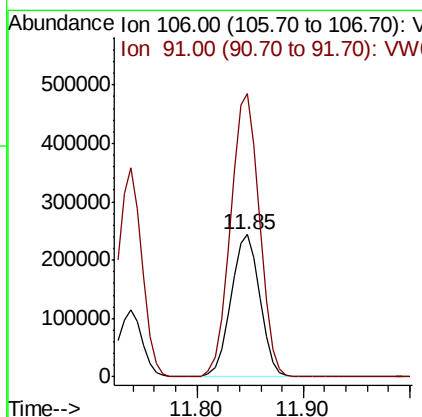
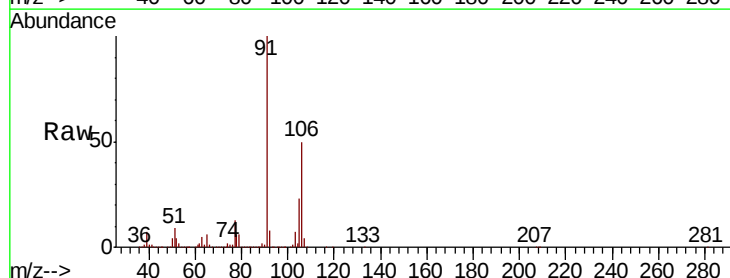
Manual Integrations
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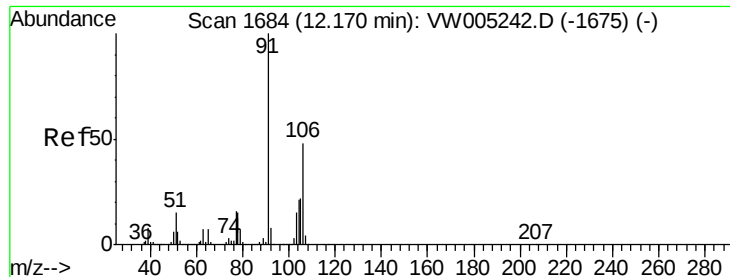
apatel
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#68
m/p-Xylenes
Concen: 41.12 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW005295.D
Acq: 12 Sep 2018 01:41

Tgt Ion	Ion	Ratio	Lower	Upper
106	100			
91	199.6	160.2	240.2	





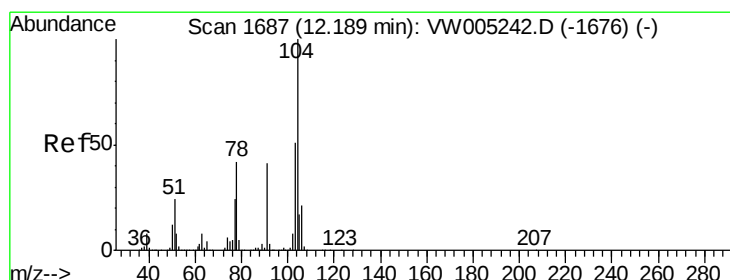
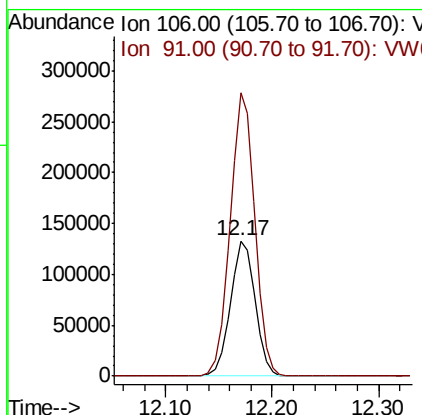
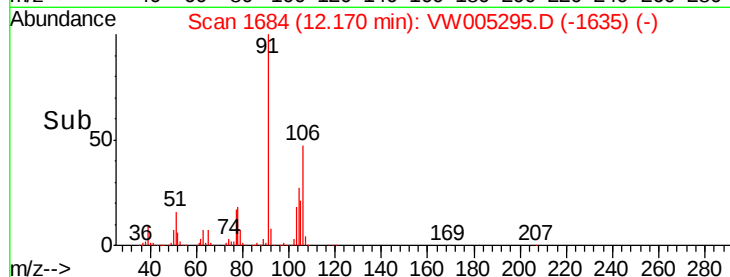
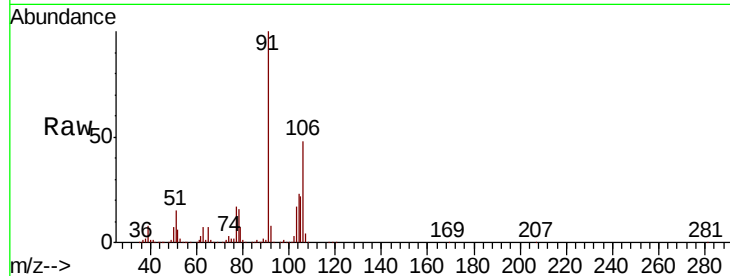
#69
o-Xylene
Concen: 20.60 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW005295.D
Acq: 12 Sep 2018 01:41

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBSD02

Tot Ion:106 Resp: 215311
Ion Ratio Lower Upper
106 100
91 209.8 104.1 312.3

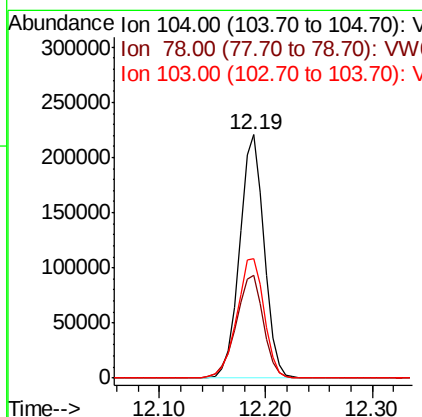
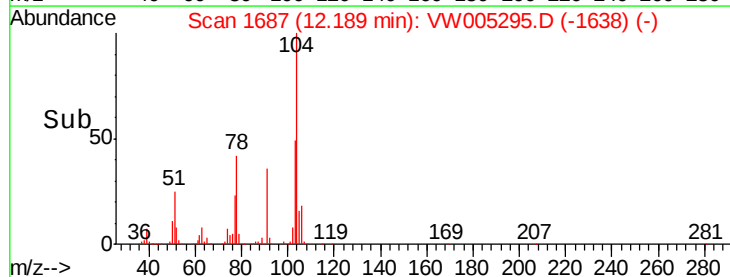
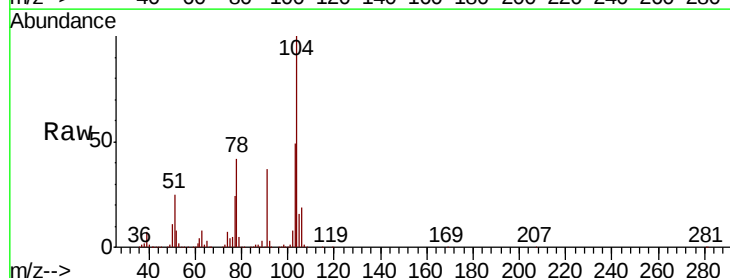
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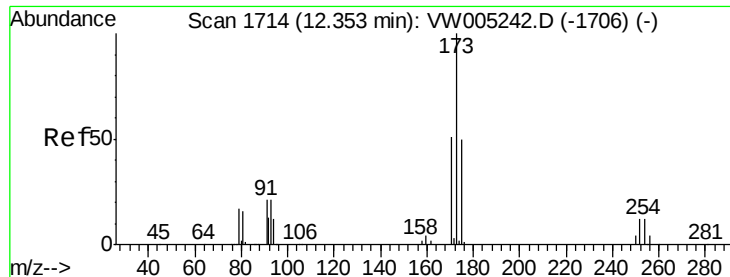
apatel
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#70
Styrene
Concen: 20.89 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005295.D
Acq: 12 Sep 2018 01:41

Tgt Ion:104 Resp: 356308
Ion Ratio Lower Upper
104 100
78 46.9 37.4 56.2
103 54.9 44.1 66.1





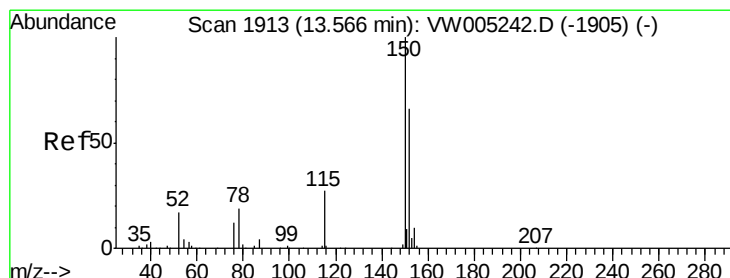
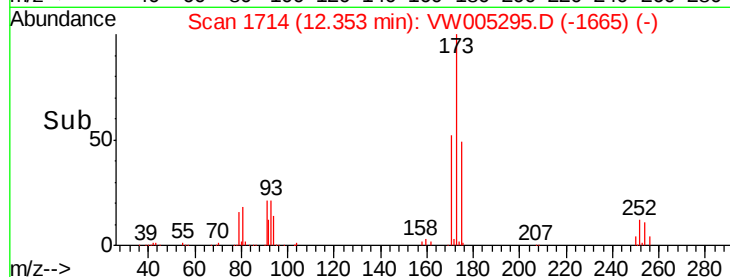
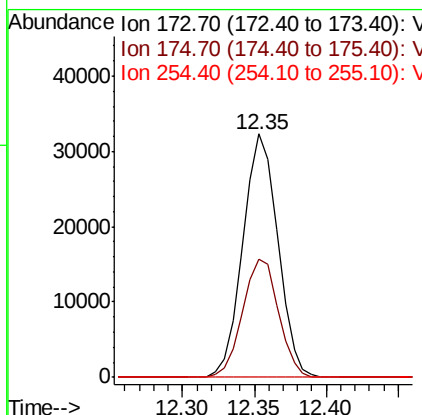
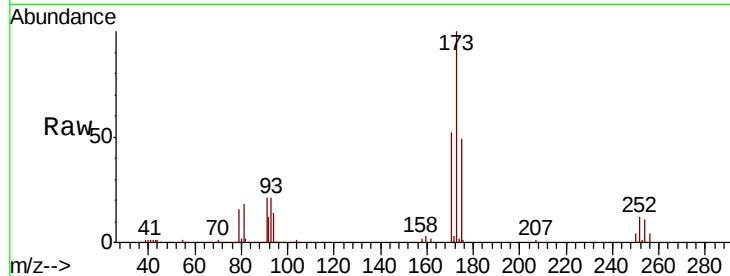
#71
Bromoform
Concen: 20.99 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. -0.00 min
Lab File: VW005295.D
Acq: 12 Sep 2018 01:41

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBSD02

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.0	24.9	74.6
254	0.0	0.1	0.1#

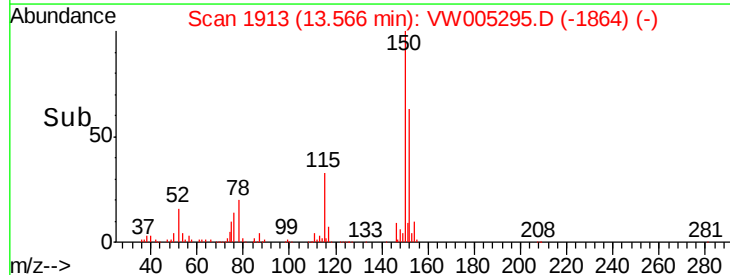
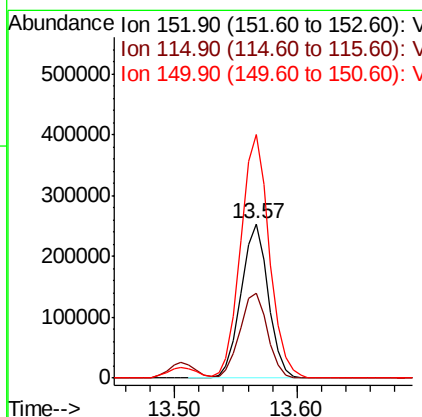
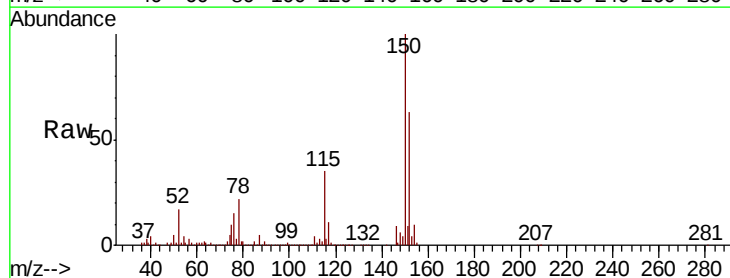
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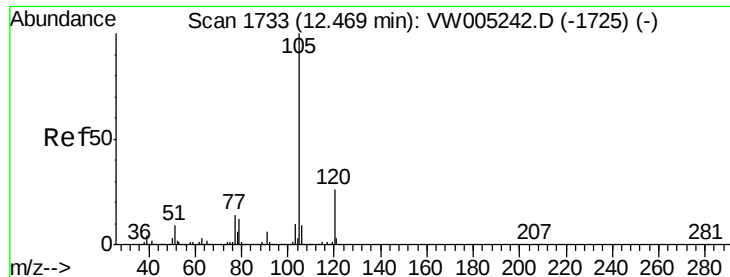
apatel
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005295.D
Acq: 12 Sep 2018 01:41

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.5	27.5	82.4
150	166.8	0.0	347.4





#73

Isopropylbenzene

Concen: 20.79 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005295.D

Acq: 12 Sep 2018 01:41

Instrument :

MSVOA_W

ClientSampleId :

VW0911SBSD02

Tot Ion: 105 Resp: 570072

Ion Ratio Lower Upper

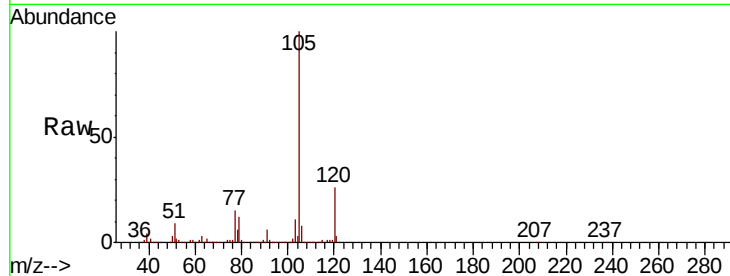
105 100

120 26.8 13.4 40.1

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.47

400000

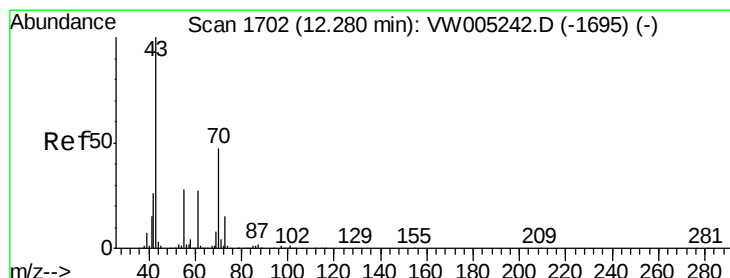
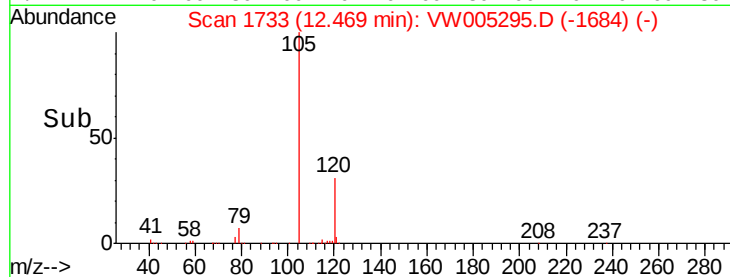
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 22.09 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005295.D

Acq: 12 Sep 2018 01:41

Tgt Ion: 43 Resp: 115238

Ion Ratio Lower Upper

43 100

70 47.0 37.9 56.9

55 28.5 22.6 33.8

61 25.9 20.9 31.3

Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

120000

100000

80000

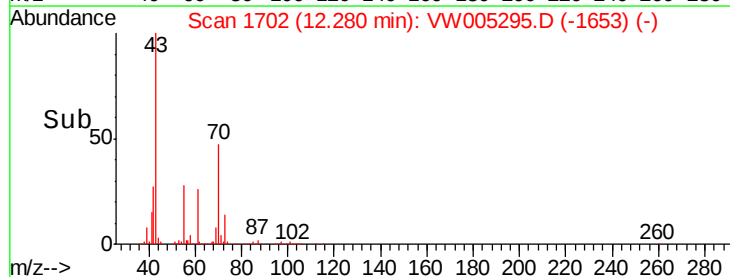
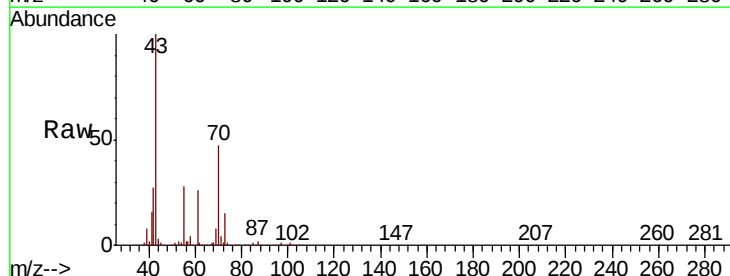
60000

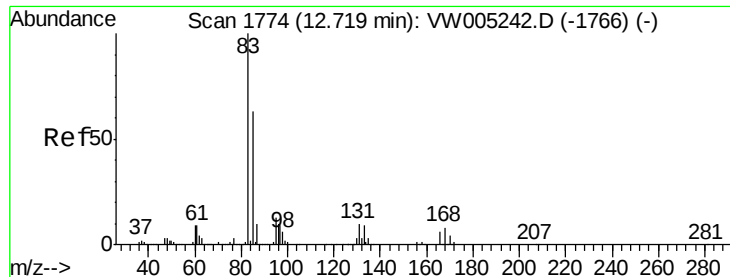
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 22.63 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW005295.D

Acq: 12 Sep 2018 01:41

Instrument :

MSVOA_W

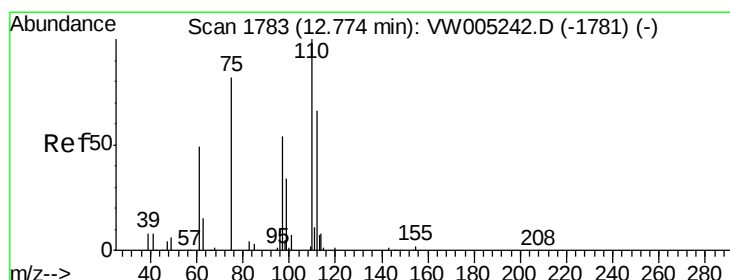
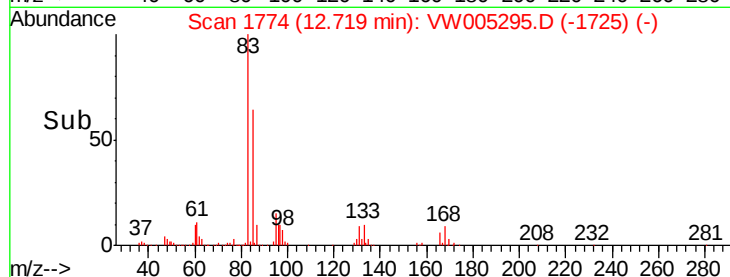
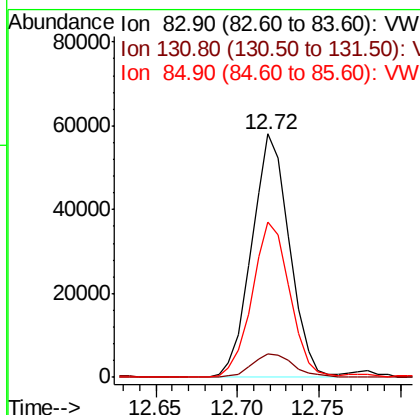
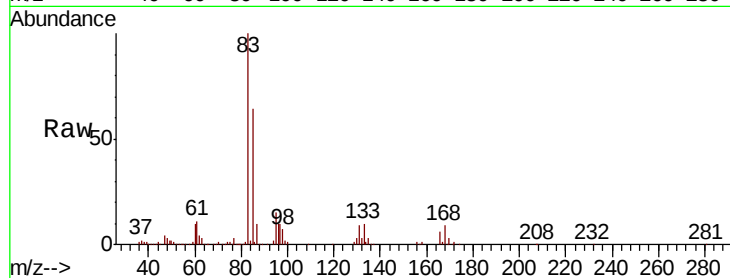
ClientSampleId :

VW0911SBSD02

Tot Ion:	83	Resp:	93261
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.5	16.4
85	63.7	31.6	95.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 21.05 ug/l m

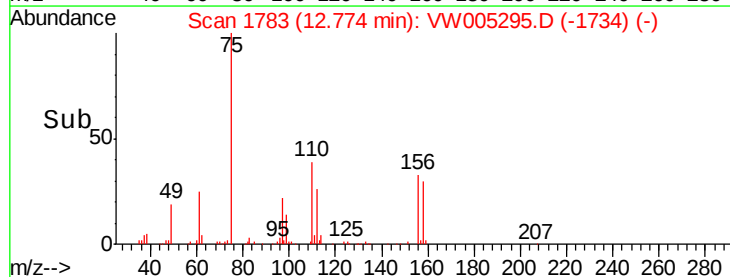
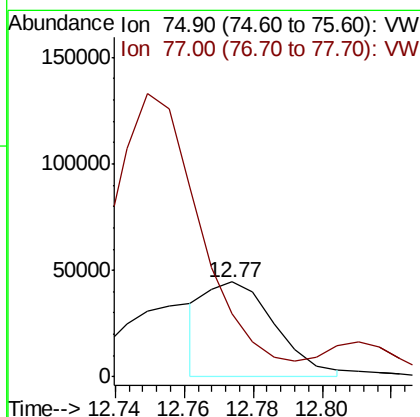
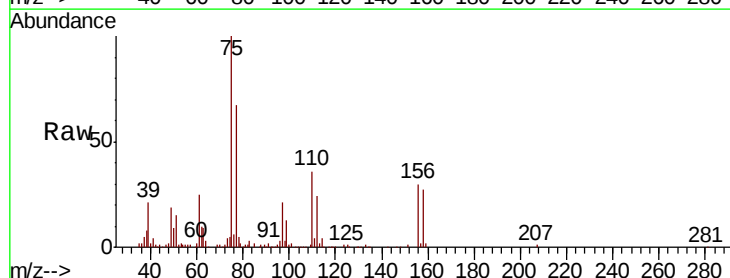
RT: 12.77 min Scan# 1783

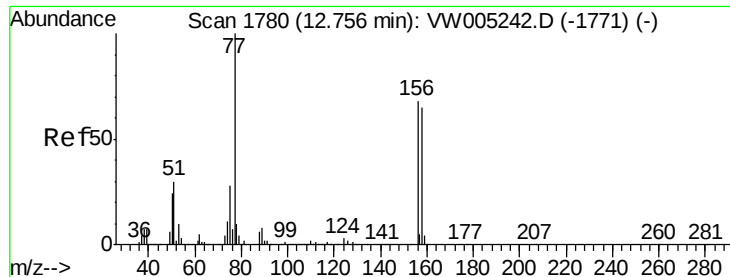
Delta R.T. 0.00 min

Lab File: VW005295.D

Acq: 12 Sep 2018 01:41

Tgt Ion:	75	Resp:	62837
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.59 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VW005295.D

Acq: 12 Sep 2018 01:41

Instrument :

MSVOA_W

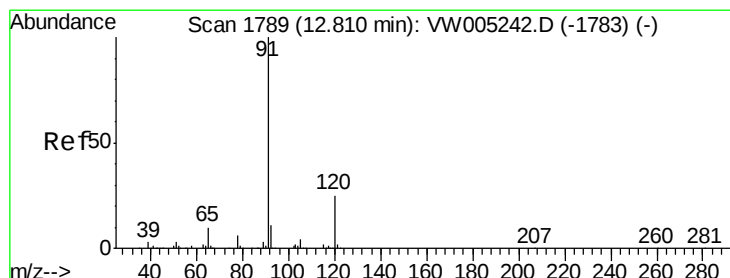
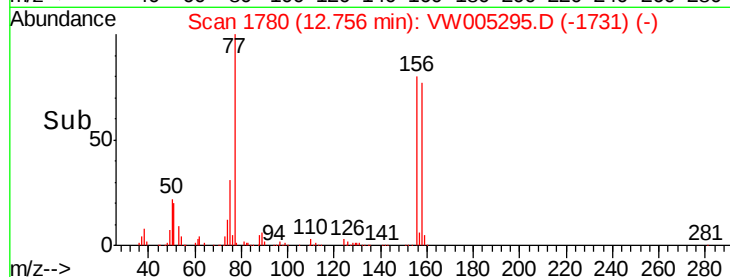
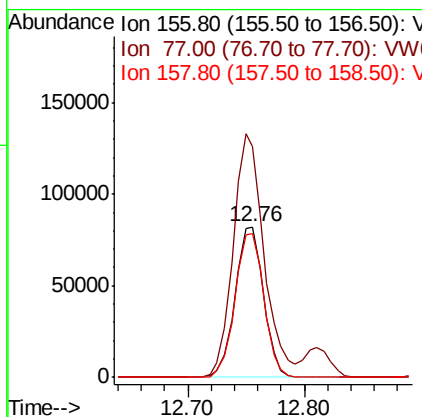
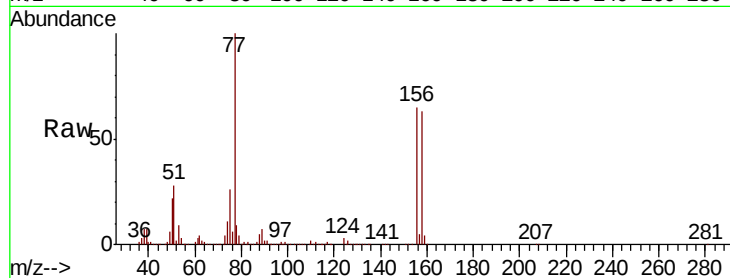
ClientSampleId :

VW0911SBSD02

Tot Ion:	156	Resp:	139463
Ion Ratio	Lower	Upper	
156	100		
77	175.6	86.3	258.8
158	97.2	48.6	145.8

Manual Integrations
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#78

n-propylbenzene

Concen: 21.12 ug/l

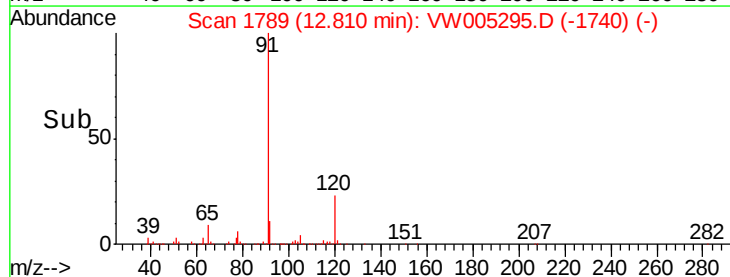
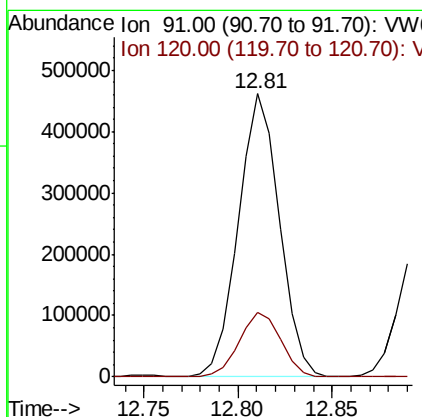
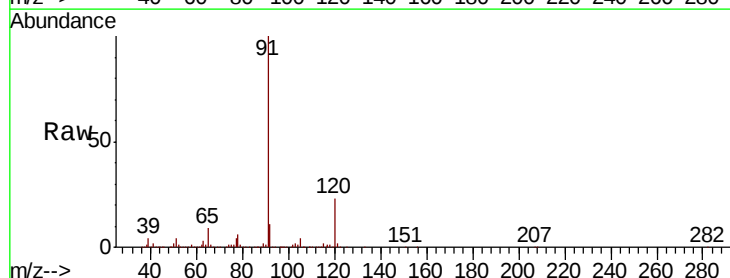
RT: 12.81 min Scan# 1789

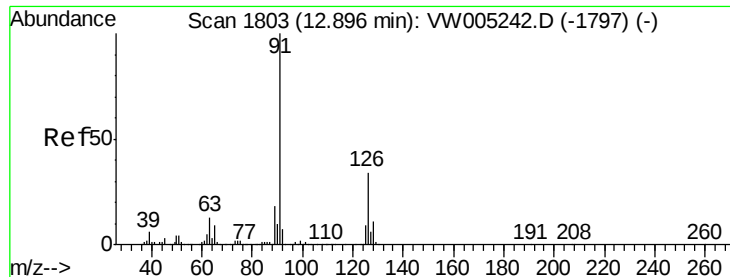
Delta R.T. -0.00 min

Lab File: VW005295.D

Acq: 12 Sep 2018 01:41

Tgt Ion:	91	Resp:	695460
Ion Ratio	Lower	Upper	
91	100		
120	23.3	12.0	36.0





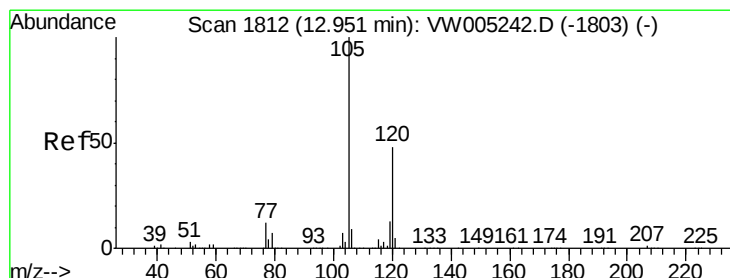
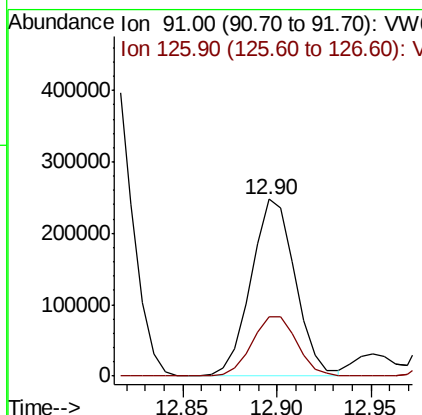
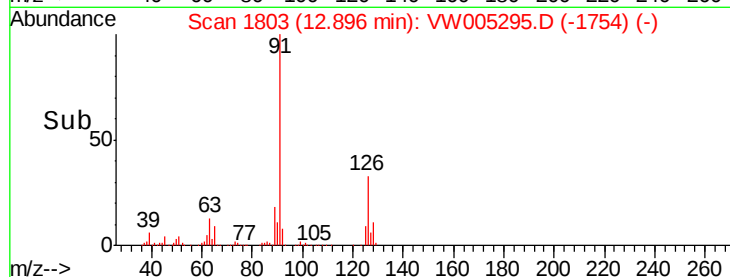
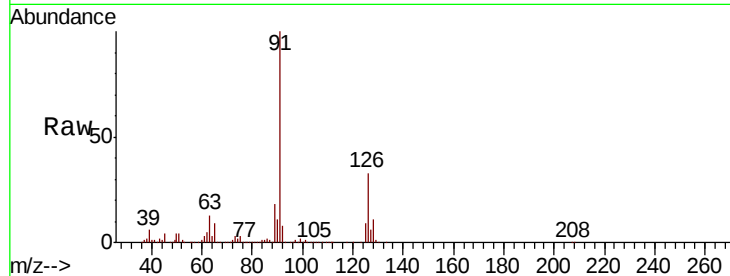
#79
2-Chlorotoluene
Concen: 21.35 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VW005295.D
Acq: 12 Sep 2018 01:41

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBSD02

Tot Ion: 91 Resp: 403203
Ion Ratio Lower Upper
91 100
126 34.3 17.2 51.5

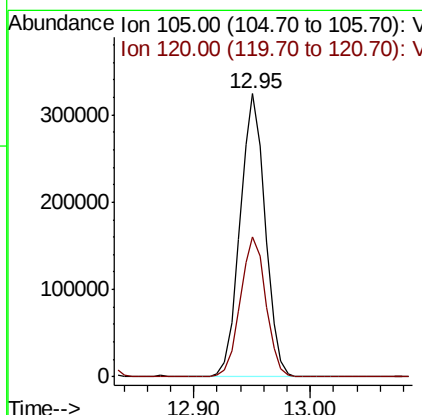
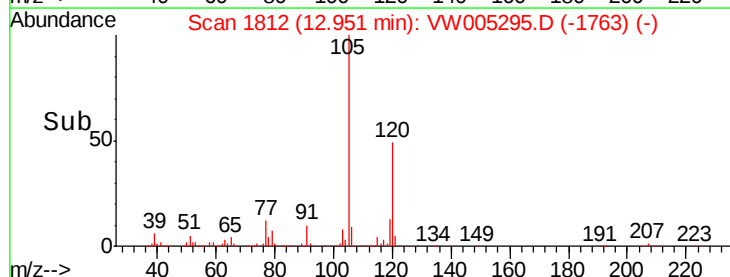
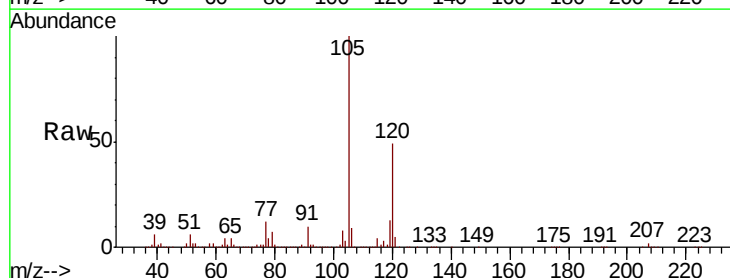
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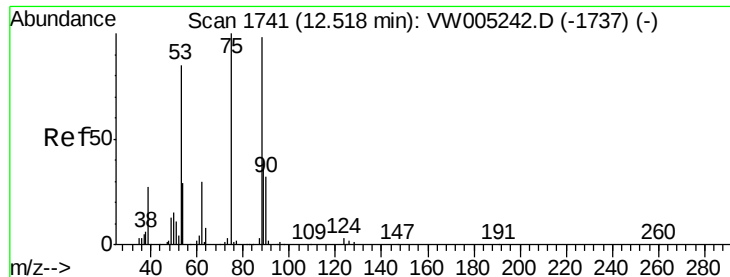
apatel
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#80
1,3,5-Trimethylbenzene
Concen: 20.84 ug/l
RT: 12.95 min Scan# 1812
Delta R.T. 0.00 min
Lab File: VW005295.D
Acq: 12 Sep 2018 01:41

Tgt Ion:105 Resp: 486629
Ion Ratio Lower Upper
105 100
120 50.5 24.4 73.4





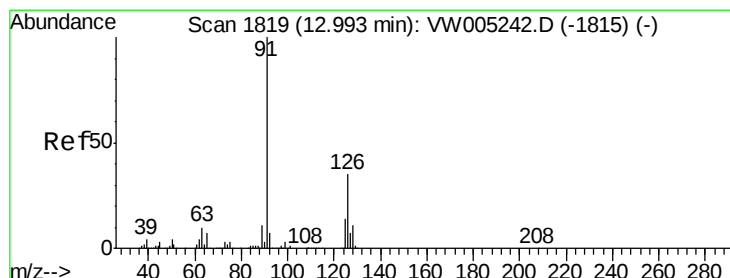
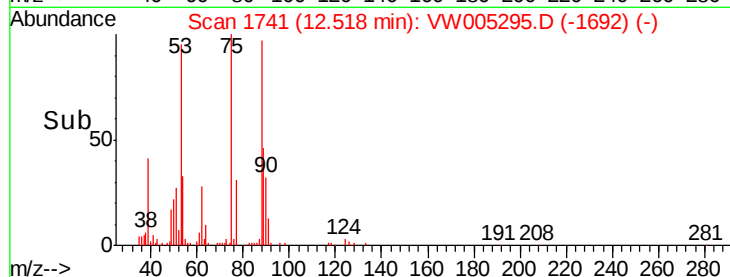
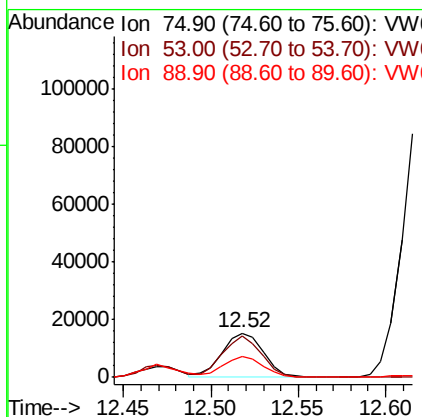
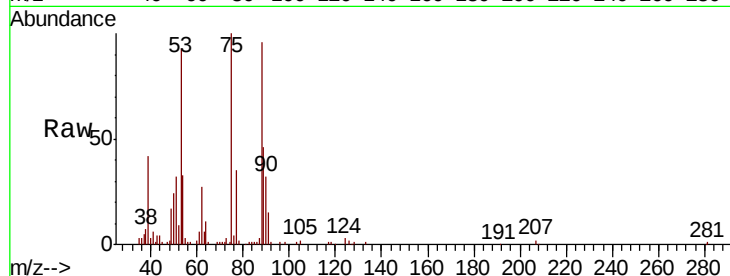
#81
trans-1,4-Dichloro-2-butene
Concen: 19.45 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW005295.D
Acq: 12 Sep 2018 01:41

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBSD02

Tot Ion	Ratio	Lower	Upper
75	100		
53	90.1	67.0	100.6
89	45.8	37.0	55.4

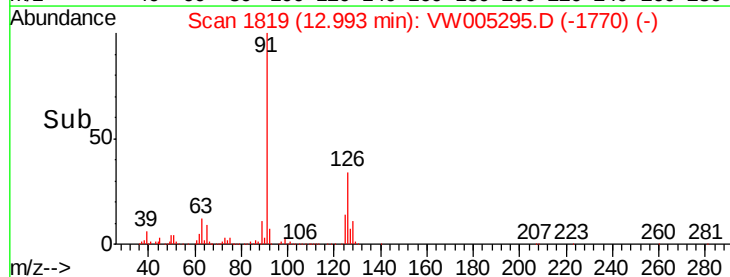
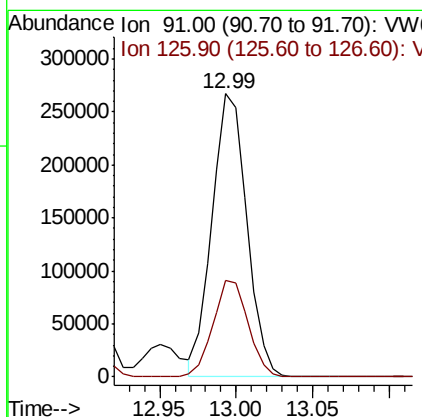
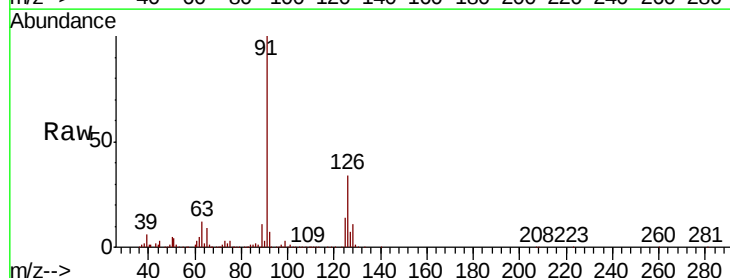
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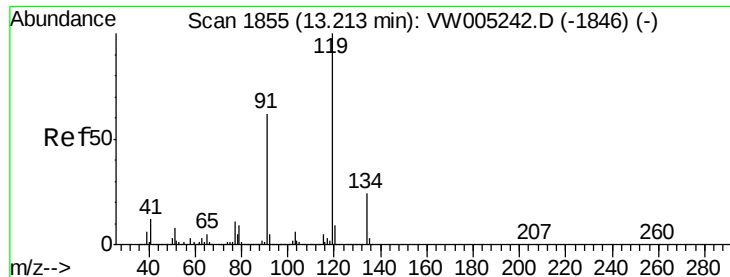
apatel
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#82
4-Chlorotoluene
Concen: 21.23 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW005295.D
Acq: 12 Sep 2018 01:41

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.6	17.5	52.5





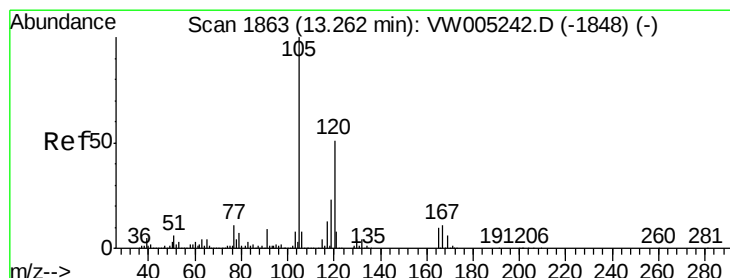
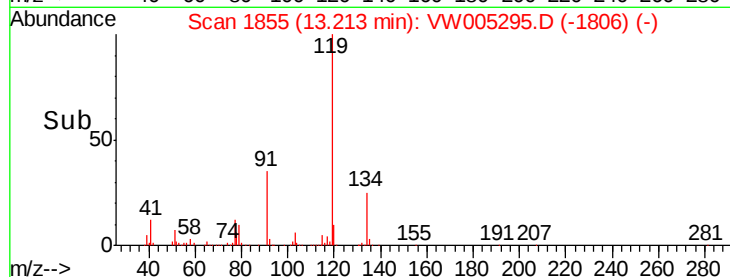
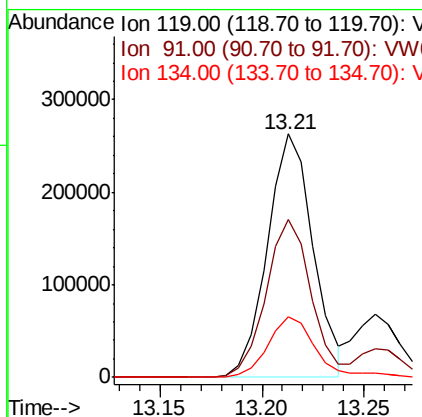
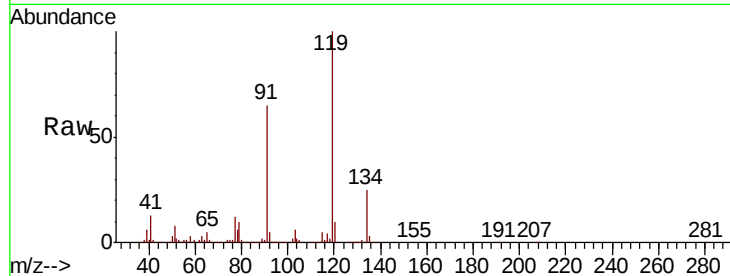
#83
tert-Butylbenzene
Concen: 20.10 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW005295.D
Acq: 12 Sep 2018 01:41

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBSD02

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.6	31.7	95.1
134	26.2	13.0	38.9

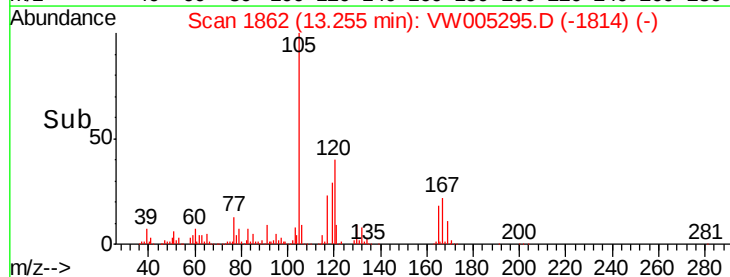
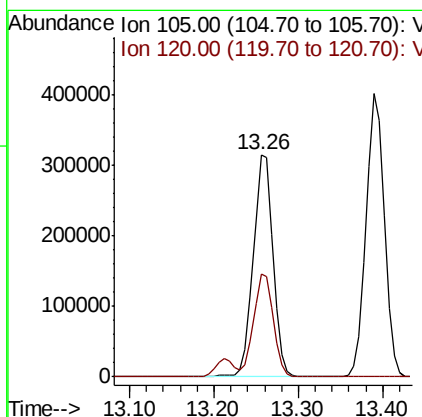
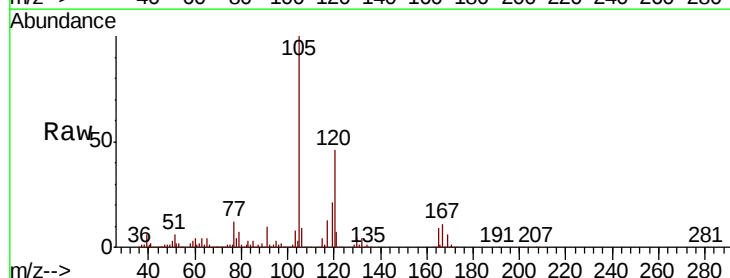
Manual Integrations
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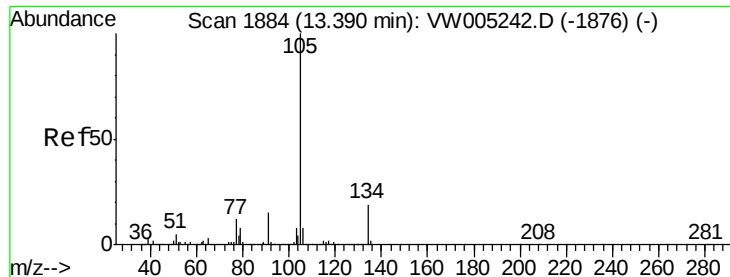
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#84
1,2,4-Trimethylbenzene
Concen: 21.36 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.01 min
Lab File: VW005295.D
Acq: 12 Sep 2018 01:41

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	23.4	70.3





#85

sec-Butylbenzene

Concen: 20.74 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW005295.D

Acq: 12 Sep 2018 01:41

Instrument :

MSVOA_W

ClientSampleId :

VW0911SBSD02

Tot Ion:105 Resp: 608637

Ion Ratio Lower Upper

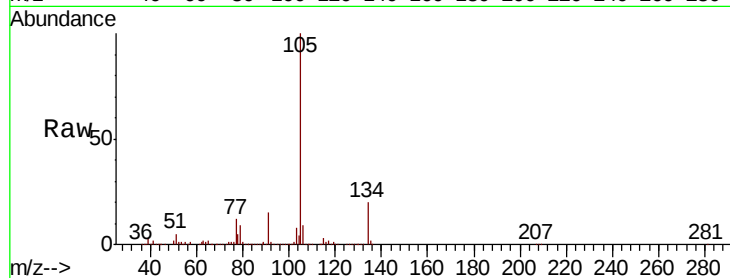
105 100

134 20.1 9.9 29.7

Manual Integrations
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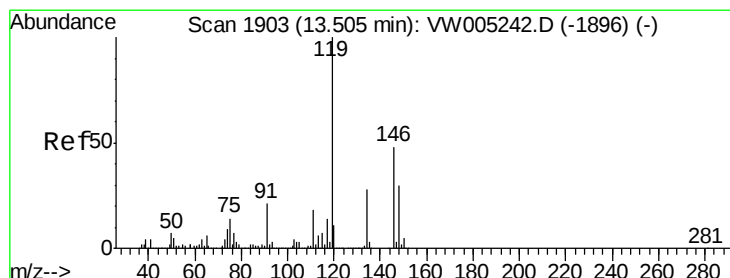
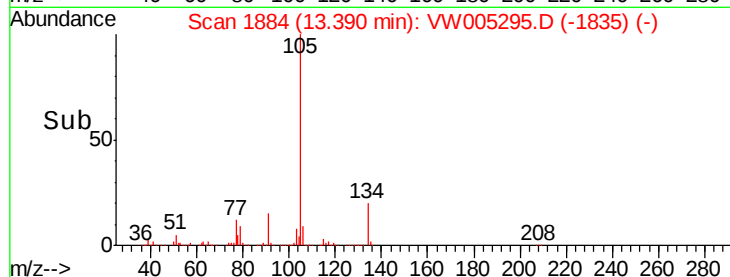
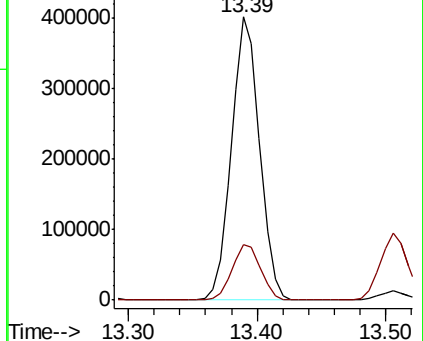
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.41 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005295.D

Acq: 12 Sep 2018 01:41

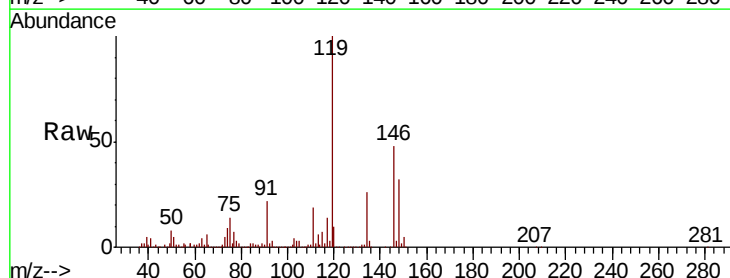
Tgt Ion:119 Resp: 530373

Ion Ratio Lower Upper

119 100

134 26.2 13.2 39.5

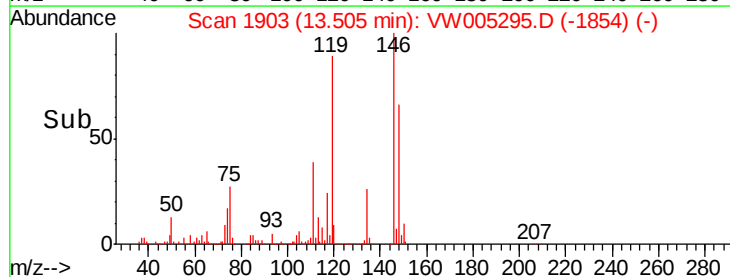
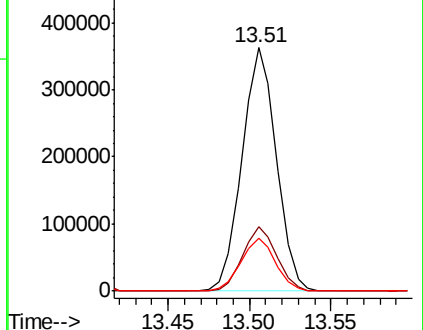
91 21.7 10.7 32.1

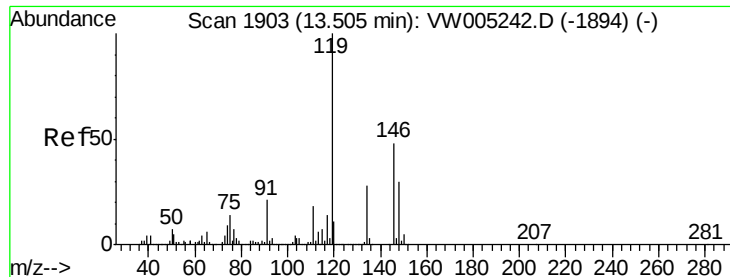


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 21.06 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005295.D

Acq: 12 Sep 2018 01:41

Instrument :

MSVOA_W

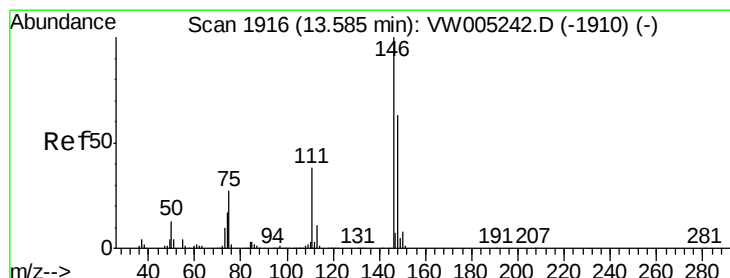
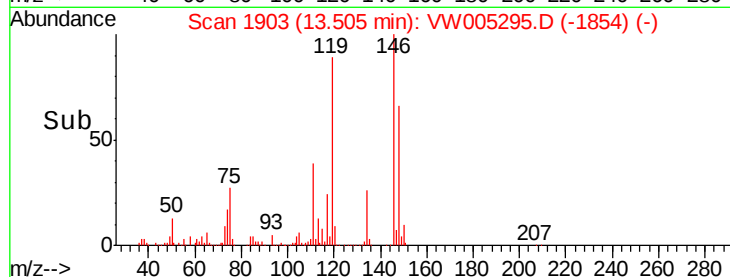
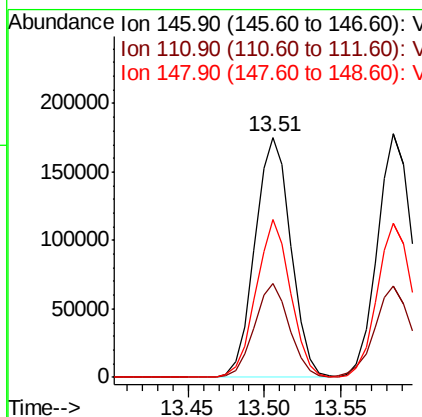
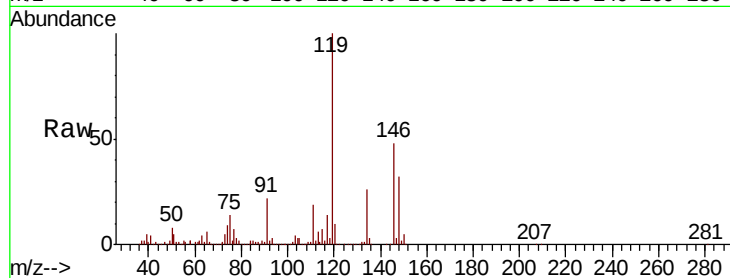
ClientSampleId :

VW0911SBSD02

Tot Ion:	146	Resp:	285634
Ion Ratio	Lower	Upper	
146	100		
111	38.2	18.8	56.3
148	63.1	31.6	94.8

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 21.12 ug/l

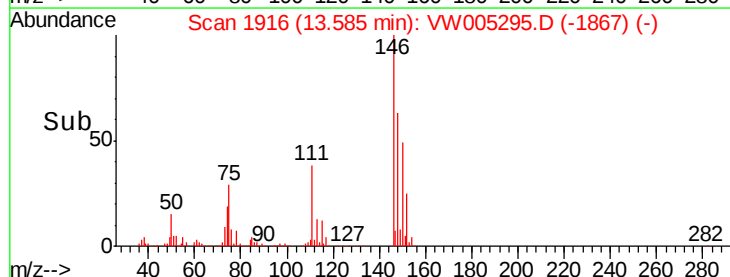
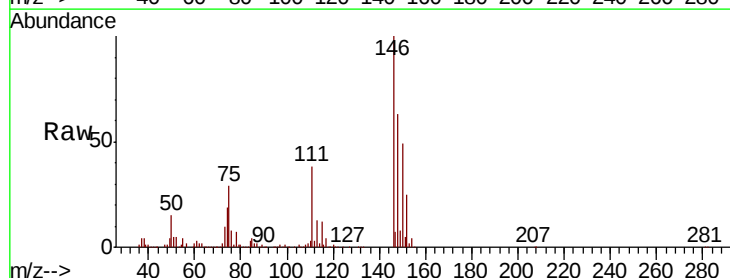
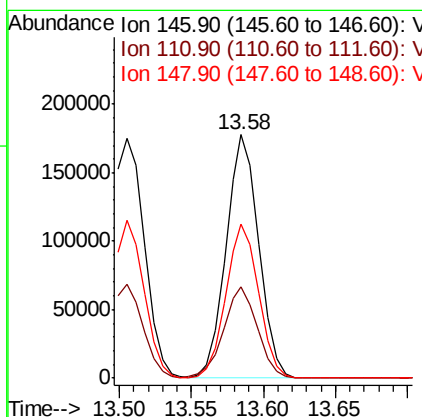
RT: 13.58 min Scan# 1916

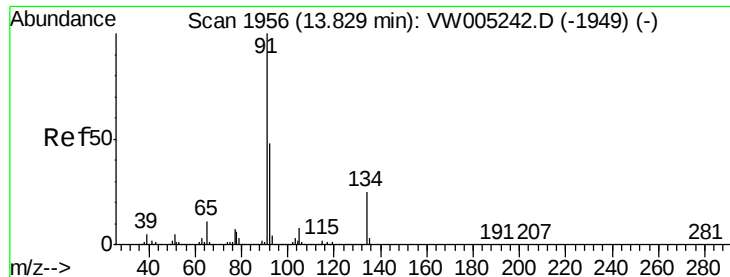
Delta R.T. -0.00 min

Lab File: VW005295.D

Acq: 12 Sep 2018 01:41

Tgt Ion:	146	Resp:	281329
Ion Ratio	Lower	Upper	
146	100		
111	38.6	19.1	57.3
148	63.5	32.3	96.9





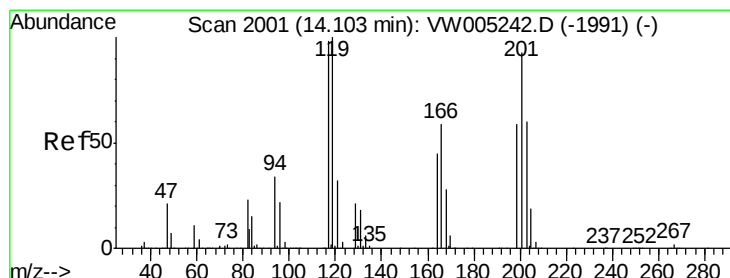
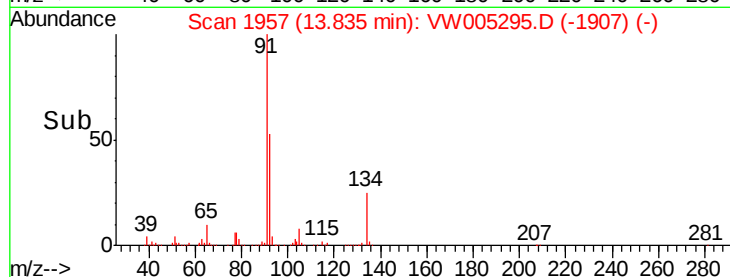
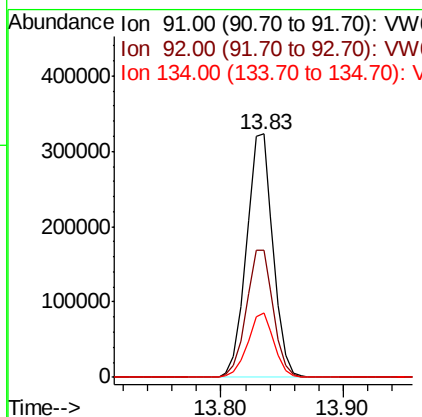
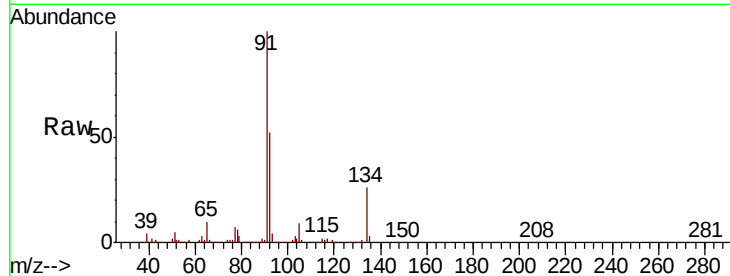
#89
n-Butylbenzene
Concen: 19.87 ug/l
RT: 13.83 min Scan# 1957
Delta R.T. 0.01 min
Lab File: VW005295.D
Acq: 12 Sep 2018 01:41

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBSD02

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.9	25.8	77.3
134	26.1	13.6	40.8

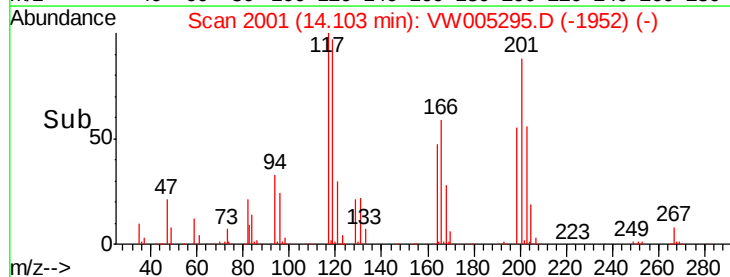
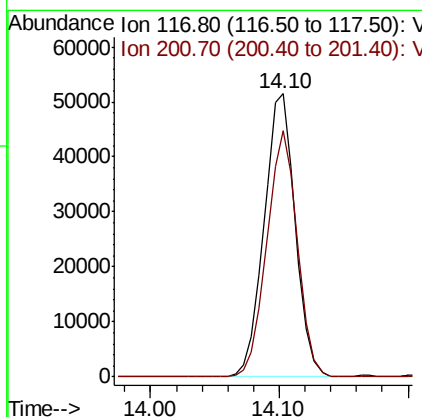
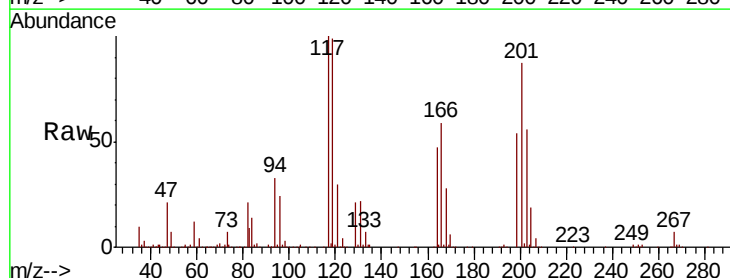
Manual Integrations
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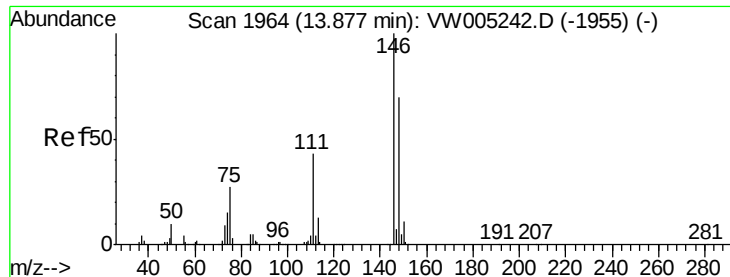
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#90
Hexachloroethane
Concen: 20.68 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. -0.00 min
Lab File: VW005295.D
Acq: 12 Sep 2018 01:41

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.5	44.0	132.1





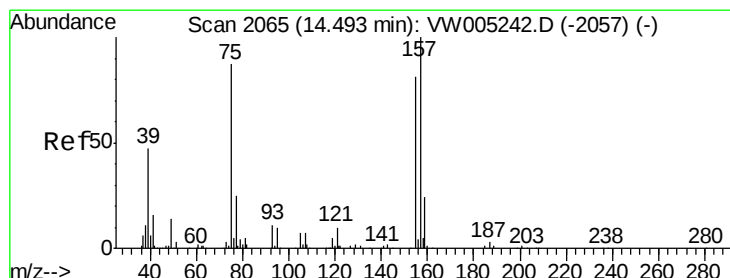
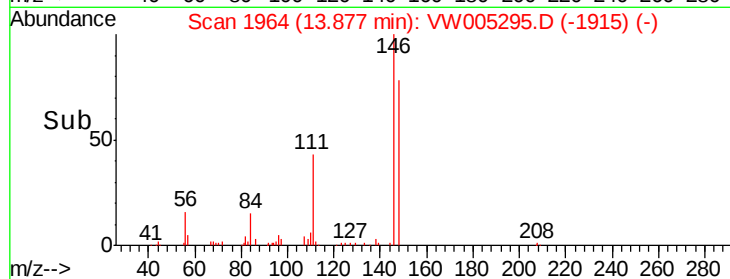
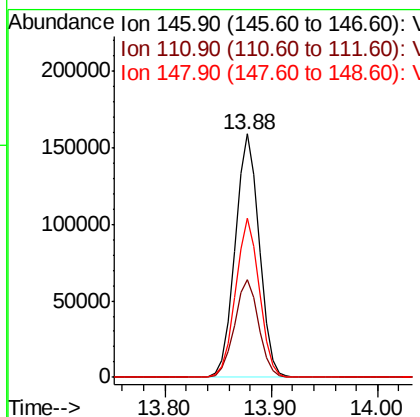
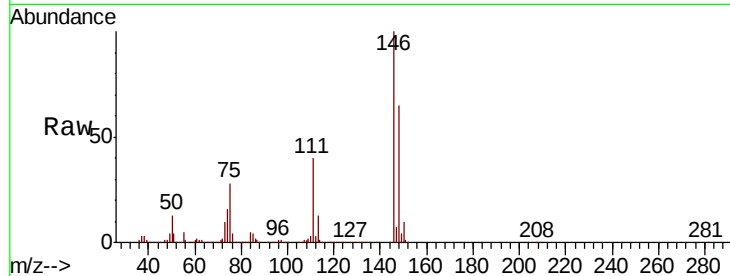
#91
 1,2-Dichlorobenzene
 Concen: 21.16 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW005295.D
 Acq: 12 Sep 2018 01:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0911SBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.5	61.5
148	64.4	32.7	98.1

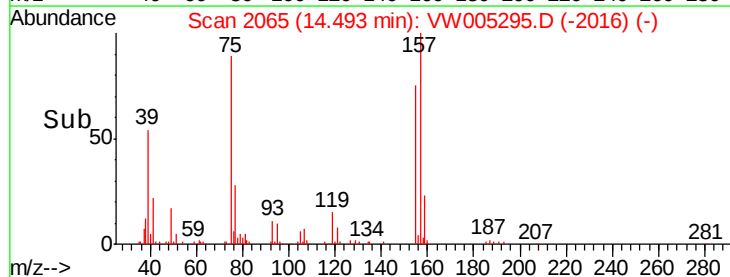
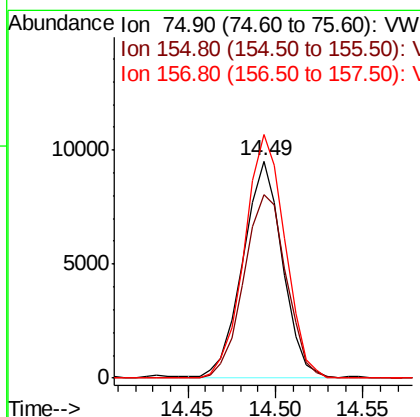
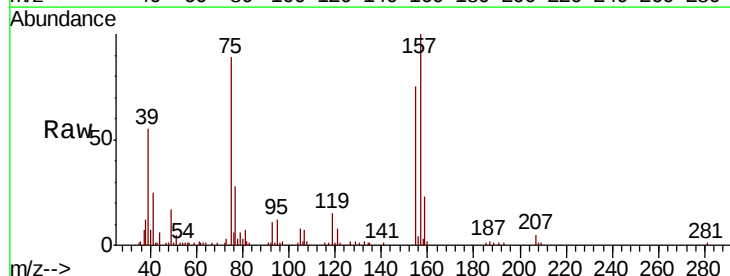
Manual Integrations
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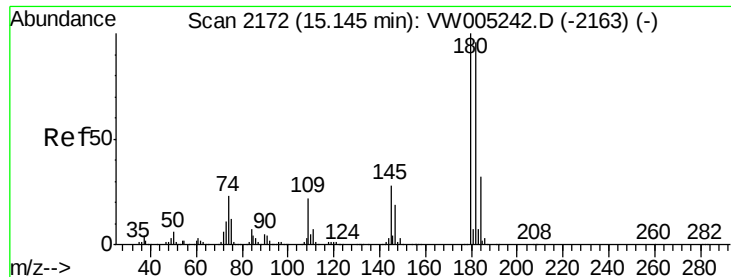
apatel
 9/12/2018 2:20:45 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.89 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW005295.D
 Acq: 12 Sep 2018 01:41

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.3	47.4	142.2
157	114.5	59.4	178.2





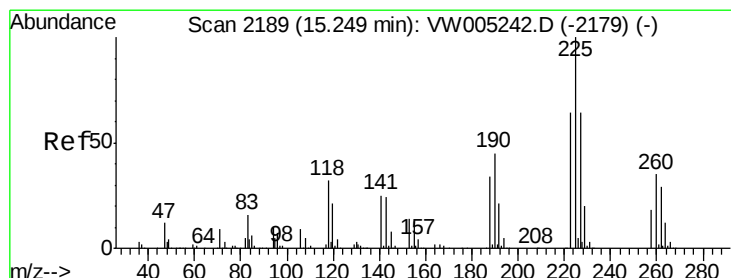
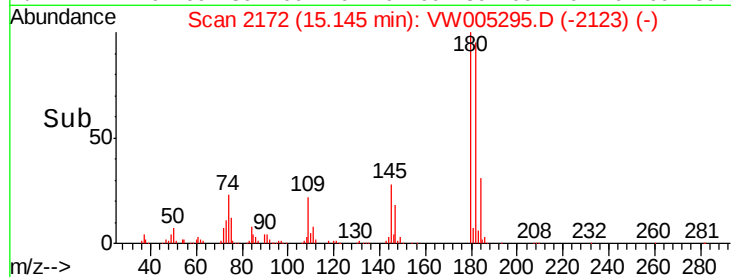
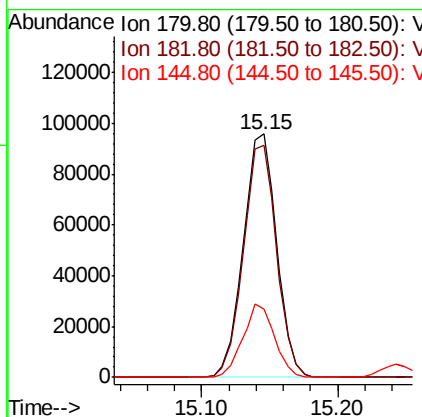
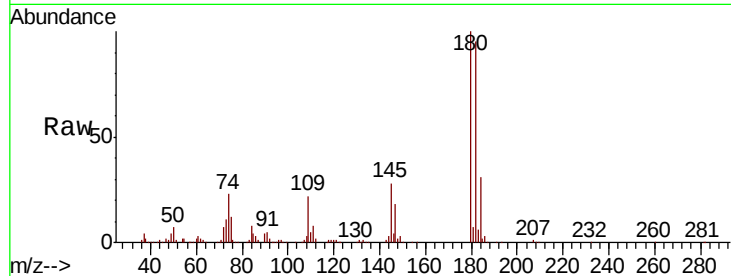
#93
 1,2,4-Trichlorobenzene
 Concen: 19.49 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: VW005295.D
 Acq: 12 Sep 2018 01:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0911SBSD02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	164342		
182	94.8	48.1	144.4	
145	28.8	14.5	43.6	

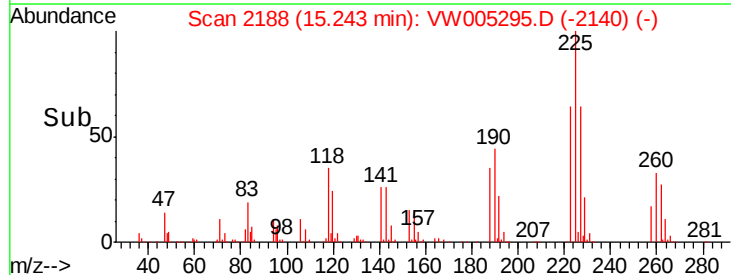
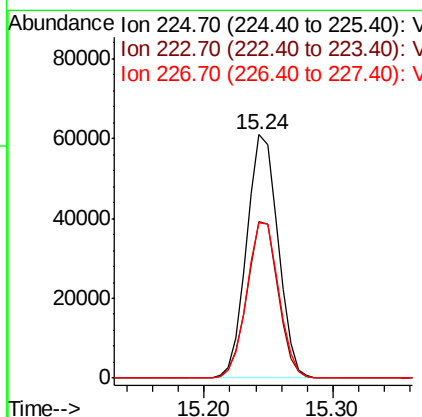
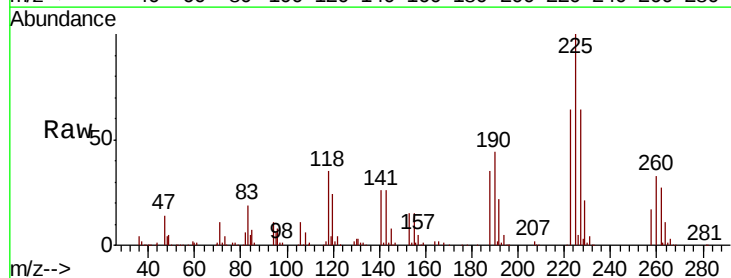
Manual Integrations
 APPROVED

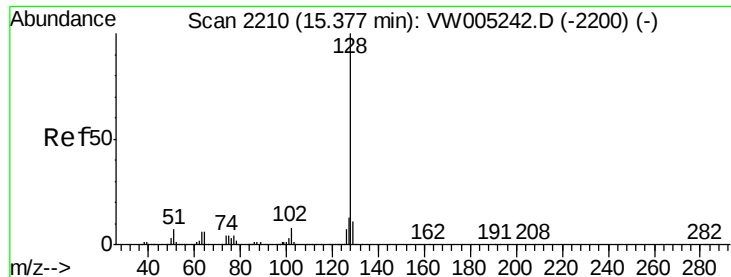
apatel
 9/12/2018 2:20:45 PM



#94
 Hexachlorobutadiene
 Concen: 18.96 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.01 min
 Lab File: VW005295.D
 Acq: 12 Sep 2018 01:41

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	102424		
223	63.6	31.4	94.2	
227	64.9	32.0	96.0	





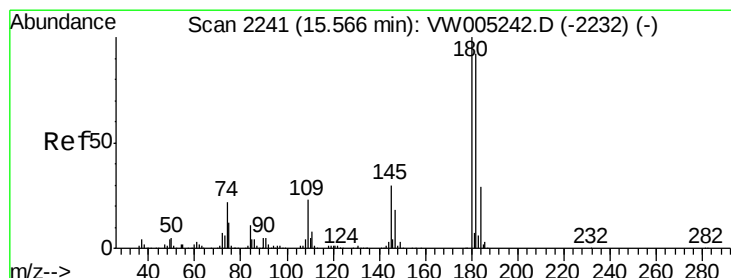
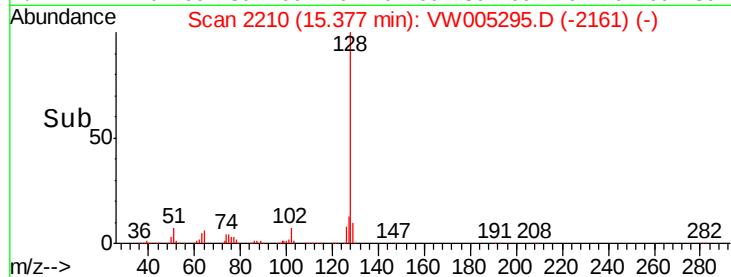
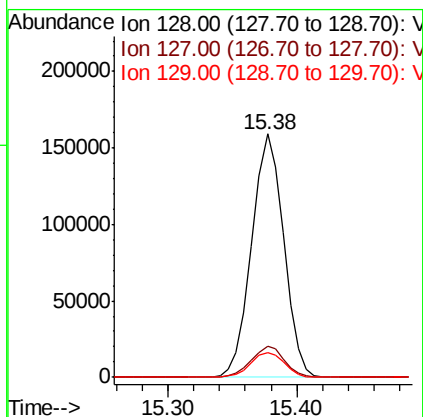
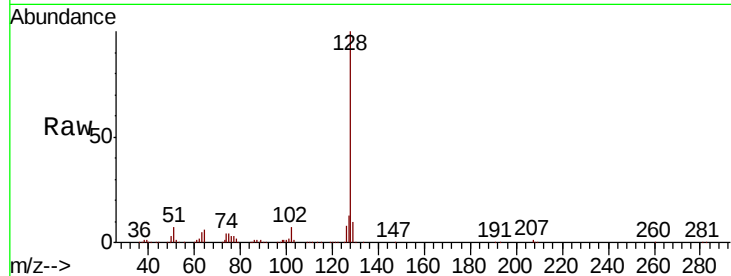
#95
Naphthalene
Concen: 19.99 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005295.D
Acq: 12 Sep 2018 01:41

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBSD02

Tot Ion	Ratio	Resp	Lower	Upper
128	100	273363		
127	13.1	10.3	15.5	
129	11.0	8.8	13.2	

Manual Integrations
APPROVED

apatel
9/12/2018 2:20:45 PM



#96
1,2,3-Trichlorobenzene
Concen: 19.82 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW005295.D
Acq: 12 Sep 2018 01:41

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	143847		
182	94.5	47.2	141.6	
145	31.0	15.2	45.6	

