

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091118\
 Data File : VW005267.D
 Acq On : 11 Sep 2018 11:38
 Operator : SY/AP
 Sample : VW0911SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0911SBS01

Manual Integrations
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 9/12/2018 10:29:13 AM

Quant Time: Sep 11 12:43:55 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	456763	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	636010	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	610247	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	346893	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	172466	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	
35) Dibromofluoromethane	7.89	113	174494	52.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.74%	
50) Toluene-d8	10.33	98	877557	52.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.26%	
62) 4-Bromofluorobenzene	12.63	95	318024	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	90042	22.85	ug/l	99
3) Chloromethane	2.22	50	109271	20.74	ug/l	97
4) Vinyl Chloride	2.36	62	102228	21.14	ug/l	99
5) Bromomethane	2.76	94	78660	25.34	ug/l	100
6) Chloroethane	2.91	64	55919	20.99	ug/l	97
7) Trichlorofluoromethane	3.26	101	116540	21.30	ug/l	97
8) Diethyl Ether	3.69	74	38720	19.86	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	82798	21.19	ug/l	98
10) Methyl Iodide	4.28	142	63515	15.53	ug/l	99
11) Tert butyl alcohol	5.17	59	28280	101.22	ug/l	97
12) 1,1-Dichloroethene	4.04	96	75238	20.91	ug/l	99
13) Acrolein	3.90	56	27208	100.82	ug/l	100
14) Allyl chloride	4.68	41	107996	19.53	ug/l	100
15) Acrylonitrile	5.37	53	79755	90.67	ug/l	99
16) Acetone	4.13	43	55002	86.98	ug/l	91
17) Carbon Disulfide	4.38	76	255214	20.21	ug/l	98
18) Methyl Acetate	4.68	43	33796	17.90	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	168806	19.70	ug/l	97
20) Methylene Chloride	4.92	84	100882	19.45	ug/l	95
21) trans-1,2-Dichloroethene	5.43	96	88051	20.96	ug/l	96
22) Diisopropyl ether	6.32	45	221724	19.92	ug/l	95
23) Vinyl Acetate	6.26	43	602550	97.14	ug/l	98
24) 1,1-Dichloroethane	6.22	63	138169	20.17	ug/l	98
25) 2-Butanone	7.18	43	95890	96.13	ug/l	96
26) 2,2-Dichloropropane	7.17	77	129084	21.73	ug/l	100
27) cis-1,2-Dichloroethene	7.18	96	91880	20.44	ug/l	99
28) Bromochloromethane	7.52	49	50372	19.93	ug/l #	97
29) Tetrahydrofuran	7.54	42	59822	89.00	ug/l	99
30) Chloroform	7.68	83	141297	20.55	ug/l	98
31) Cyclohexane	7.96	56	149033	20.44	ug/l	95
32) 1,1,1-Trichloroethane	7.88	97	131918	21.24	ug/l	99
36) 1,1-Dichloropropene	8.09	75	125302	21.50	ug/l	100
37) Ethyl Acetate	7.26	43	42999	19.40	ug/l	99
38) Carbon Tetrachloride	8.07	117	119676	21.93	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	140745	18.19	ug/l	97
40) Benzene	8.33	78	359125	20.92	ug/l	100
41) Methacrylonitrile	7.49	41	23256	20.45	ug/l	95
42) 1,2-Dichloroethane	8.41	62	82811	20.16	ug/l	100
43) Isopropyl Acetate	8.43	43	76250	18.53	ug/l	97
44) Trichloroethene	9.10	130	100950	21.44	ug/l	91
45) 1,2-Dichloropropane	9.37	63	79151	19.18	ug/l	99
46) Dibromomethane	9.46	93	36671	18.16	ug/l	97
47) Bromodichloromethane	9.65	83	97264	19.69	ug/l	94
48) Methyl methacrylate	9.44	41	31766	14.86	ug/l	87
49) 1,4-Dioxane	9.45	88	13546	359.22	ug/l	90
51) 4-Methyl-2-Pentanone	10.22	43	205530	88.74	ug/l	100
52) Toluene	10.40	92	255816	20.50	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	107702	20.17	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	130366	20.39	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	66169	20.55	ug/l	96
56) Ethyl methacrylate	10.65	69	73173	17.92	ug/l	98
57) 1,3-Dichloropropane	10.94	76	106685	19.95	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	155654	87.72	ug/l	98
59) 2-Hexanone	10.98	43	150616	90.20	ug/l	99
60) Dibromochloromethane	11.13	129	73999	20.71	ug/l	98
61) 1,2-Dibromoethane	11.24	107	57718	19.54	ug/l	99
64) Tetrachloroethene	10.87	164	98407	21.74	ug/l	98
65) Chlorobenzene	11.66	112	285217	21.34	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	84959	21.29	ug/l	99
67) Ethyl Benzene	11.74	91	491183	21.10	ug/l	99
68) m/p-Xylenes	11.85	106	406092	43.29	ug/l	97
69) o-Xylene	12.17	106	183015	20.97	ug/l	100
70) Styrene	12.19	104	299805	21.05	ug/l	100
71) Bromoform	12.35	173	44480	20.55	ug/l	100
73) Isopropylbenzene	12.47	105	495906	20.23	ug/l	99
74) N-amyl acetate	12.28	43	82266	17.64	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	68282	18.54	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	48638m	18.23	ug/l	
77) Bromobenzene	12.76	156	118288	20.49	ug/l	97
78) n-propylbenzene	12.81	91	616267	20.94	ug/l	99
79) 2-Chlorotoluene	12.90	91	347168	20.57	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	432205	20.71	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	20973	18.43	ug/l	97
82) 4-Chlorotoluene	13.00	91	366632	20.66	ug/l	99
83) tert-Butylbenzene	13.21	119	378003	20.71	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	438298	20.90	ug/l	98
85) sec-Butylbenzene	13.39	105	523418	19.95	ug/l	98
86) p-Isopropyltoluene	13.51	119	479895	20.66	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	244681	20.18	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	242560	20.37	ug/l	100
89) n-Butylbenzene	13.83	91	437111	20.02	ug/l	99
90) Hexachloroethane	14.10	117	75414	20.27	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	218682	20.52	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	11140	18.19	ug/l	99

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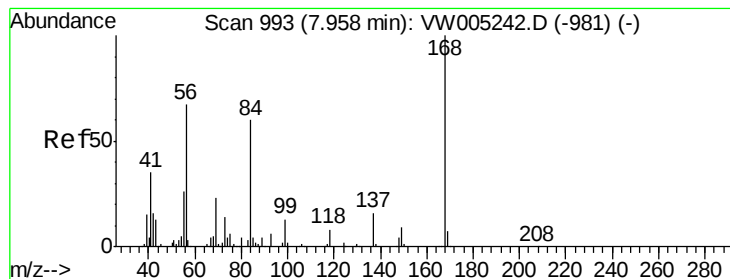
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	149550	19.84	ug/l	98
94) Hexachlorobutadiene	15.25	225	98585	20.42	ug/l	99
95) Naphthalene	15.38	128	215246	17.61	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	126242	19.46	ug/l	99

(#) = 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: VW005267.D

Acq: 11 Sep 2018 11:38

Instrument :

MSVOA_W

ClientSampleId :

VW0911SBS01

Tot Ion:168 Resp: 456763

Ion Ratio Lower Upper

168 100

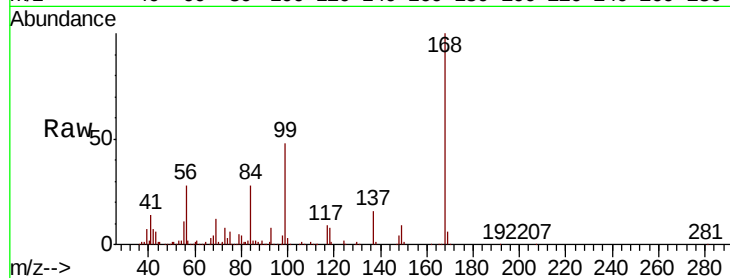
99 47.8 39.1 58.7

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

200000

150000

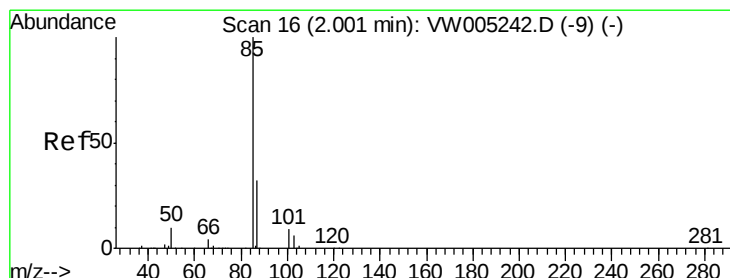
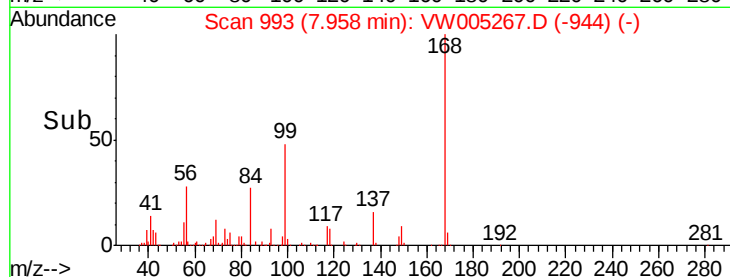
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50000

0

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 22.85 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW005267.D

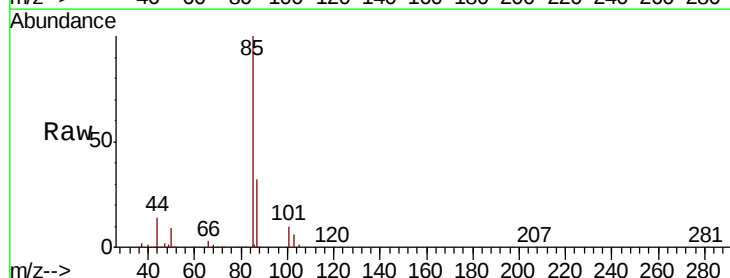
Acq: 11 Sep 2018 11:38

Tgt Ion: 85 Resp: 90042

Ion Ratio Lower Upper

85 100

87 32.4 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

60000

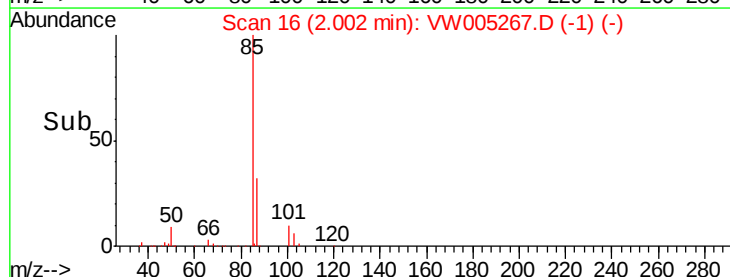
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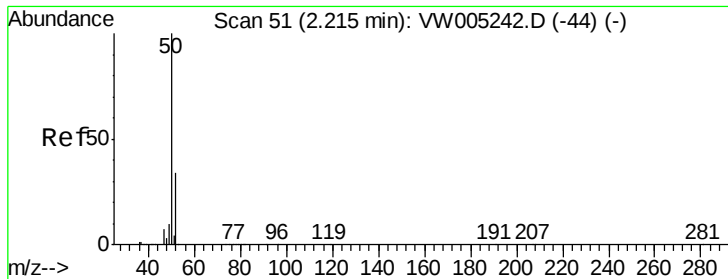
20000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 20.74 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW005267.D

Acq: 11 Sep 2018 11:38

Instrument :

MSVOA_W

ClientSampleId :

VW0911SBS01

Tot Ion: 50 Resp: 109271

Ion Ratio Lower Upper

50 100

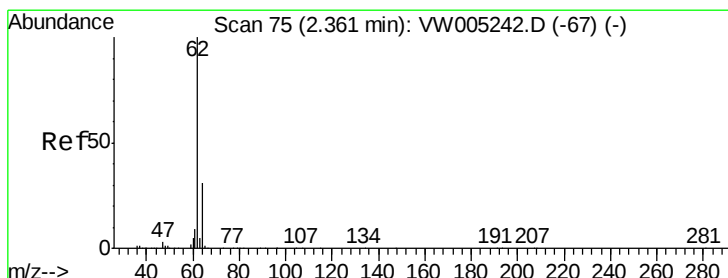
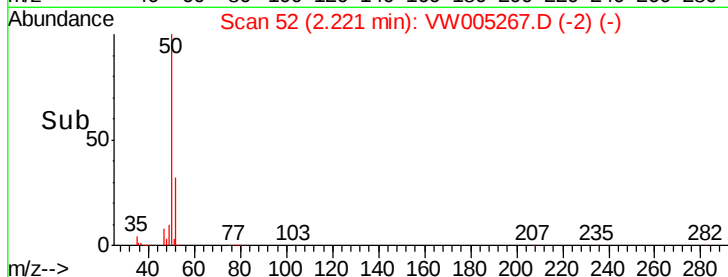
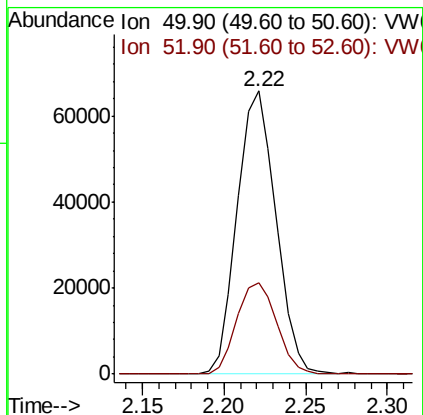
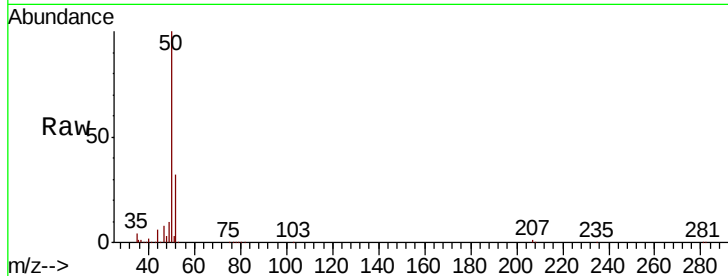
52 32.1 27.0 40.4

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#4

Vinyl Chloride

Concen: 21.14 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW005267.D

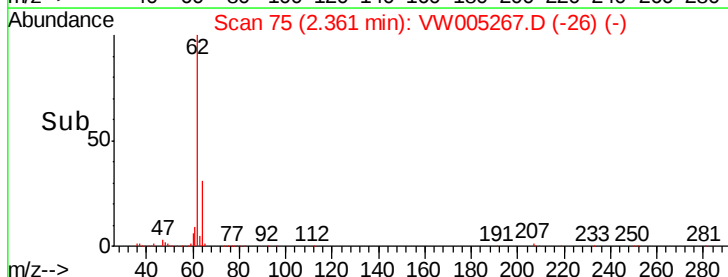
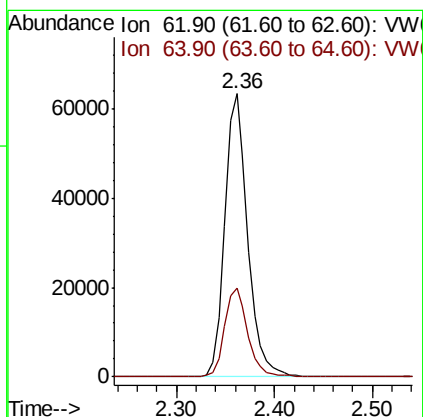
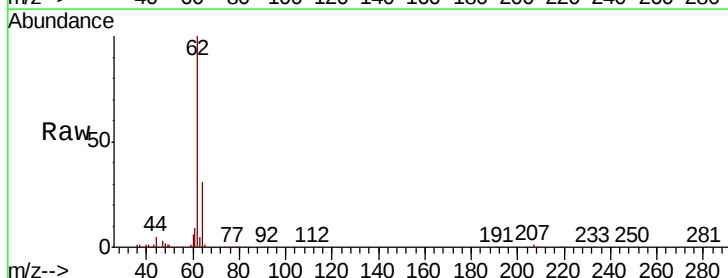
Acq: 11 Sep 2018 11:38

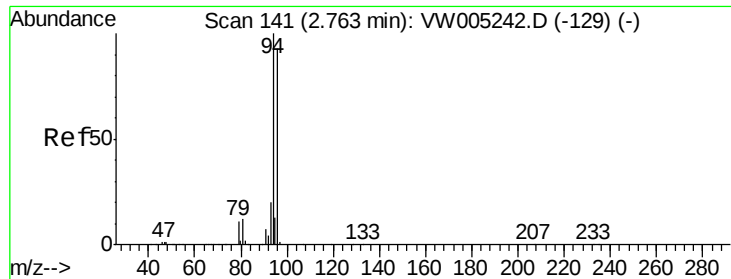
Tgt Ion: 62 Resp: 102228

Ion Ratio Lower Upper

62 100

64 31.3 24.6 37.0





#5

Bromomethane

Concen: 25.34 ug/l

RT: 2.76 min Scan# 140

Delta R.T. -0.01 min

Lab File: VW005267.D

Acq: 11 Sep 2018 11:38

Instrument :

MSVOA_W

ClientSampleId :

VW0911SBS01

Tot Ion: 94 Resp: 78660

Ion Ratio Lower Upper

94 100

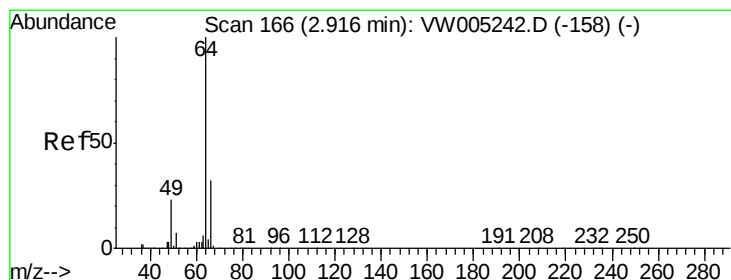
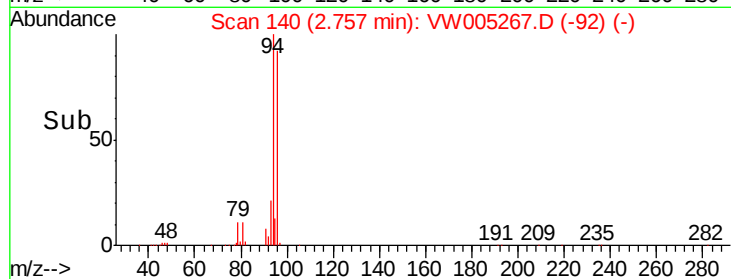
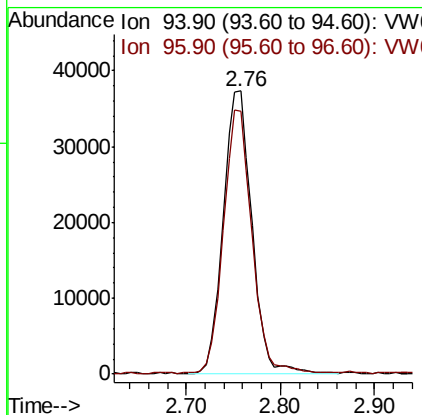
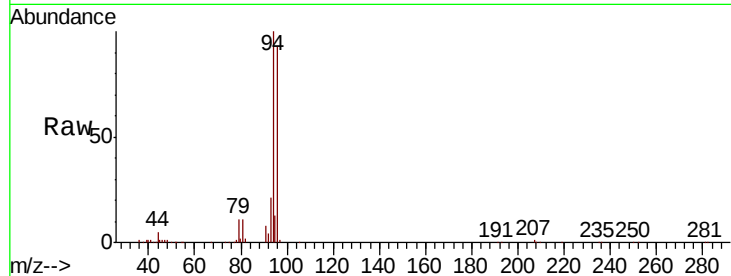
96 92.5 74.1 111.1

Manual Integrations

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#6

Chloroethane

Concen: 20.99 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW005267.D

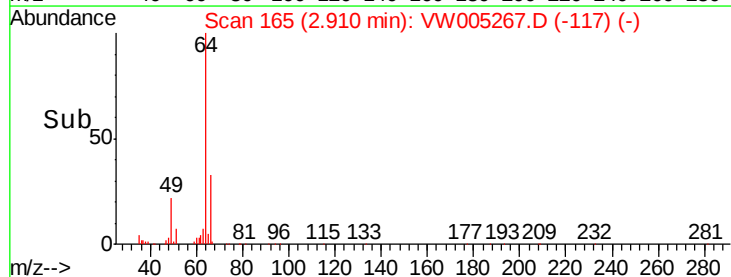
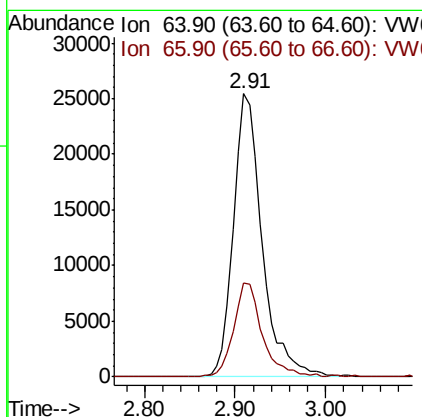
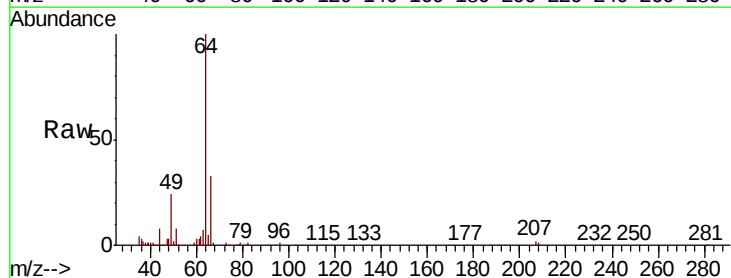
Acq: 11 Sep 2018 11:38

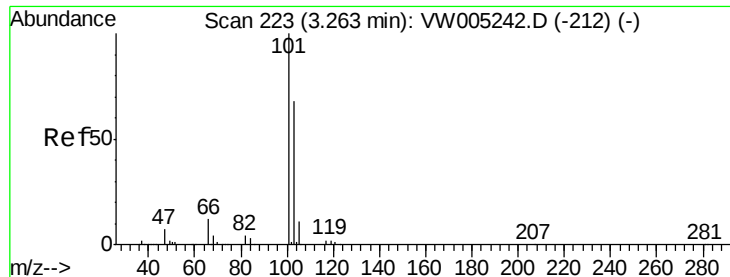
Tgt Ion: 64 Resp: 55919

Ion Ratio Lower Upper

64 100

66 33.2 25.3 37.9





#7

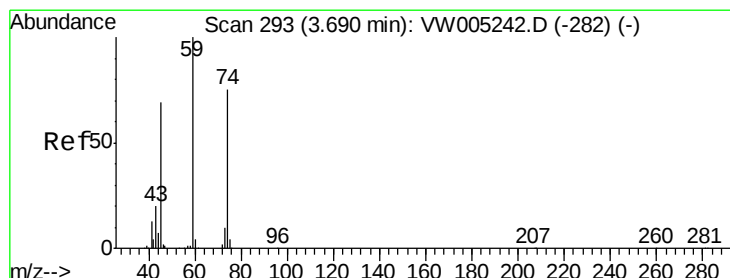
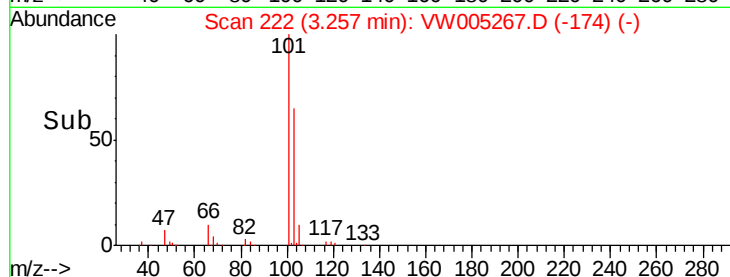
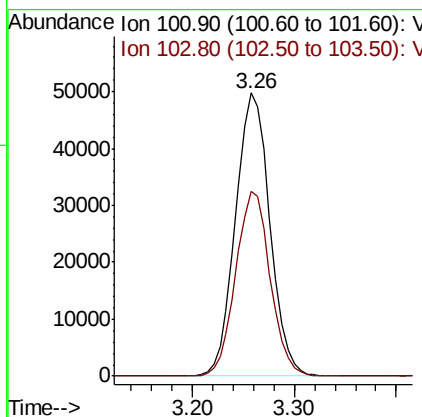
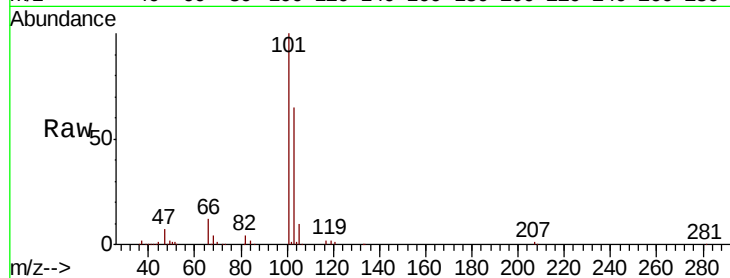
Trichlorofluoromethane
 Concen: 21.30 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW005267.D
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 VW0911SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		116540		
103	65.3	54.1	81.1		

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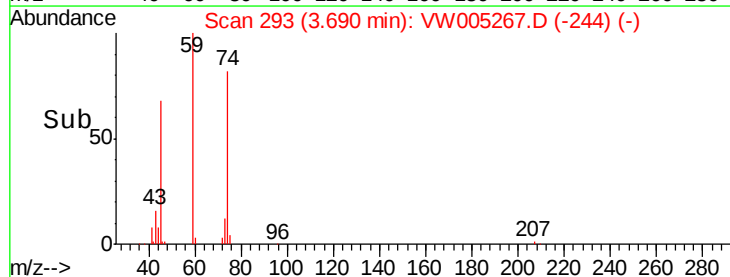
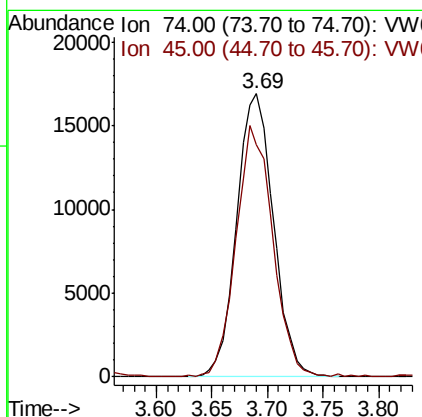
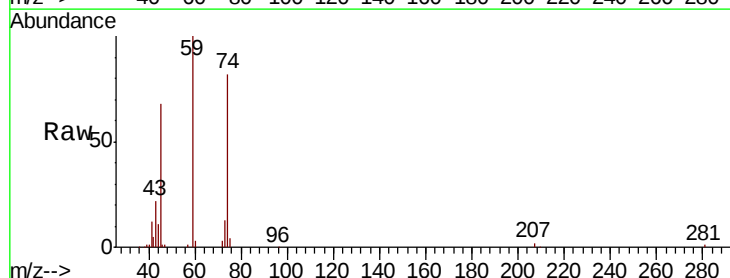
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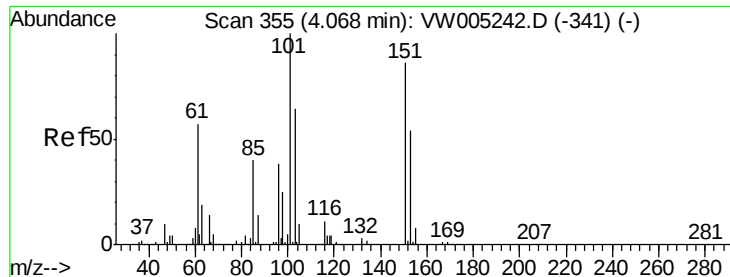


#8

Diethyl Ether
 Concen: 19.86 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VW005267.D
 Acq: 11 Sep 2018 11:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		38720		
45	88.5	45.1	135.3		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.19 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.00 min

Lab File: VW005267.D

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MSVOA_W

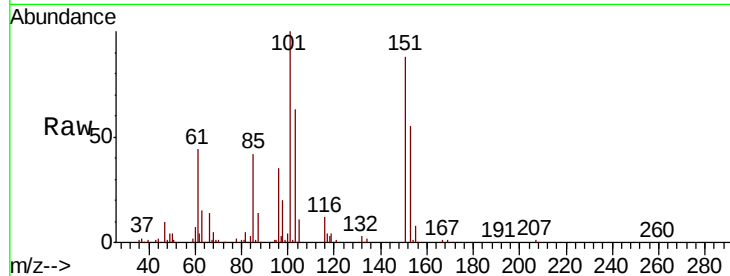
ClientSampleId :

VW0911SBS01

Tot Ion:	101	Resp:	82798
Ion Ratio	Lower	Upper	
101	100		
85	41.7	32.7	49.1
151	86.4	67.6	101.4

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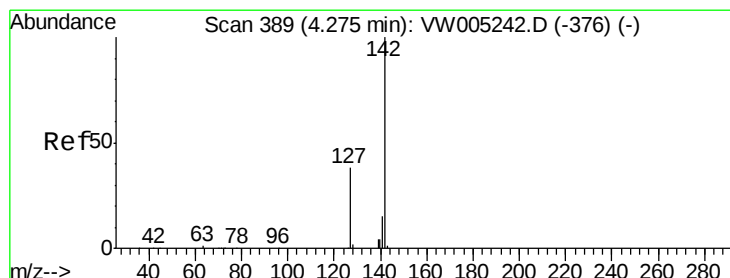
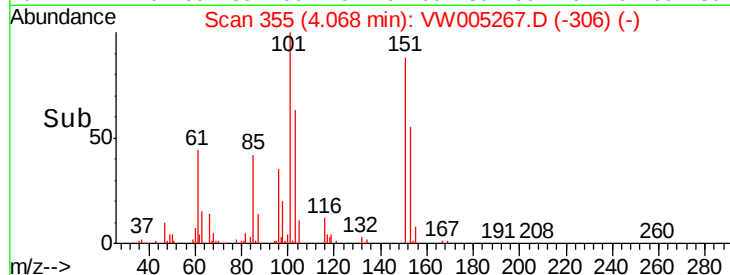
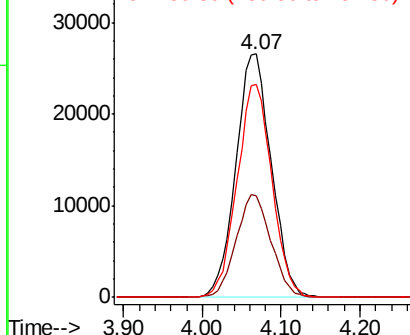


Abundance

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: 15.53 ug/l

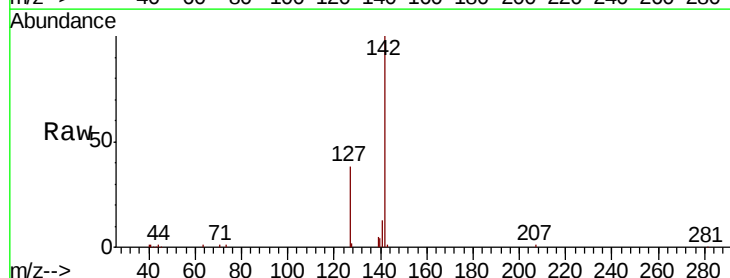
RT: 4.28 min Scan# 389

Delta R.T. 0.00 min

Lab File: VW005267.D

Acq: 11 Sep 2018 11:38

Tgt Ion:	142	Resp:	63515
Ion Ratio	Lower	Upper	
142	100		
127	38.6	30.3	45.5
141	14.6	11.4	17.0

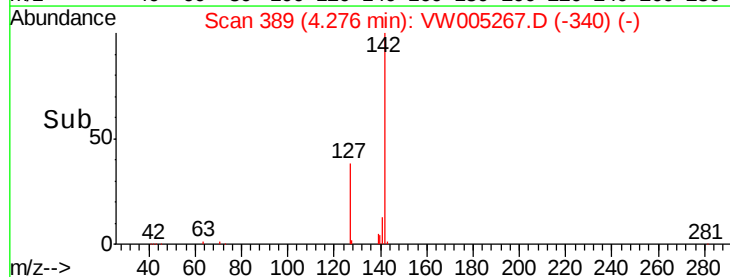
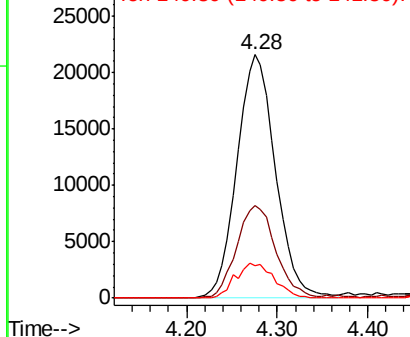


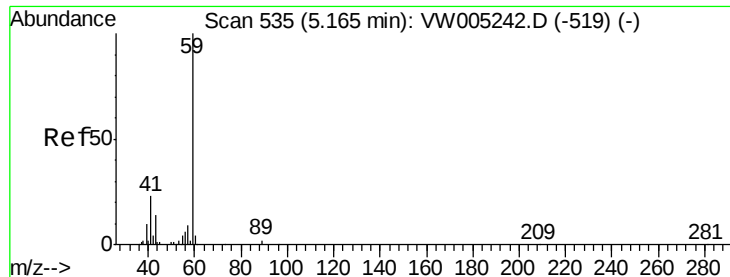
Abundance

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

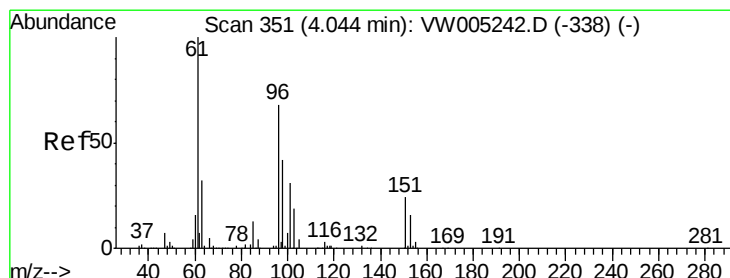
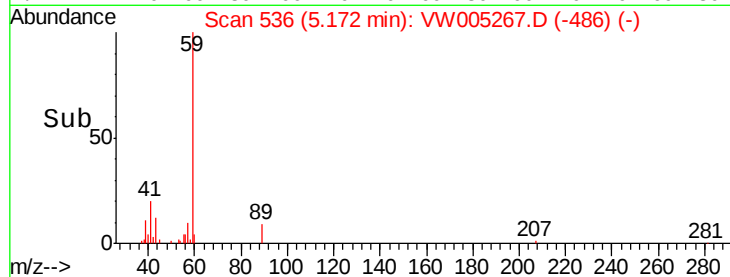
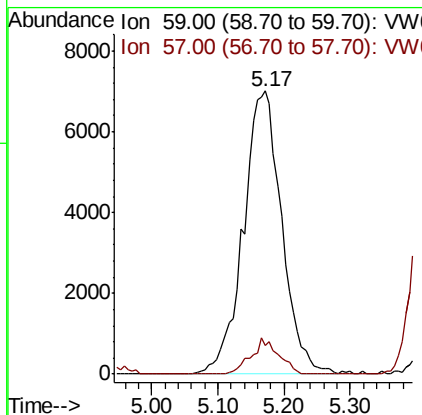
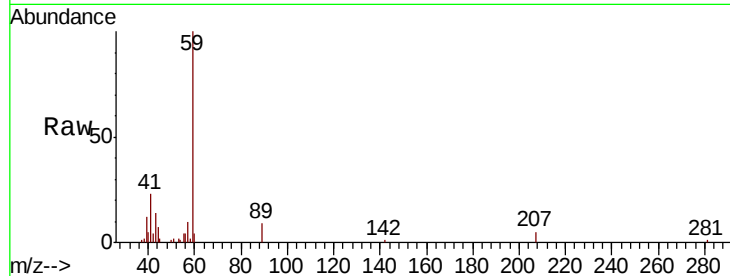
Tert butyl alcohol
Concen: 101.22 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.01 min
Lab File: VW005267.D
Acq: 11 Sep 2018 11:38

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.1	8.1	12.1

Manual Integrations
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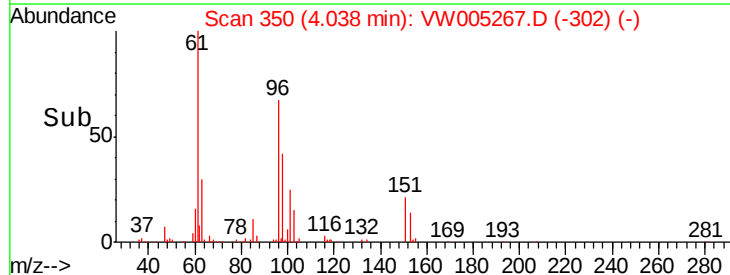
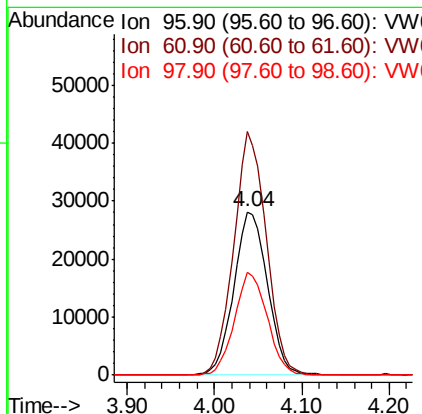
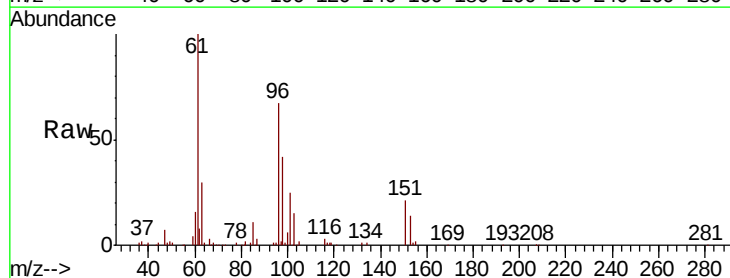
apatel
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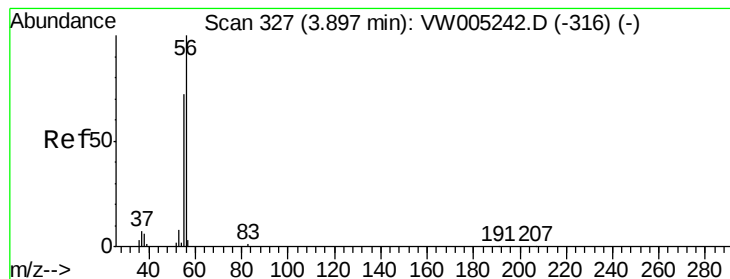


#12

1,1-Dichloroethene
Concen: 20.91 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW005267.D
Acq: 11 Sep 2018 11:38

Tgt Ion	Ratio	Lower	Upper
96	100		
61	149.1	118.2	177.2
98	63.1	49.9	74.9





#13

Acrolein

Concen: 100.82 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.00 min

Lab File: VW005267.D

Acq: 11 Sep 2018 11:38

Instrument :

MSVOA_W

ClientSampleId :

VW0911SBS01

Tot Ion: 56 Resp: 27208

Ion Ratio Lower Upper

56 100

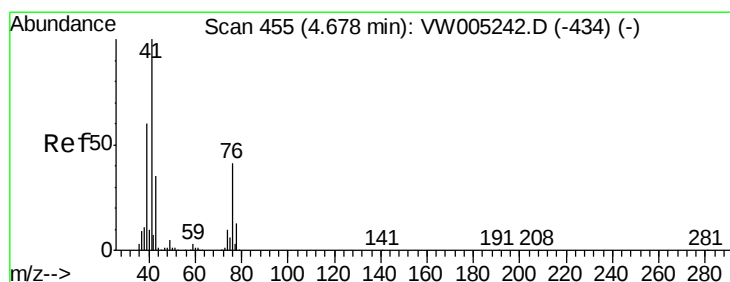
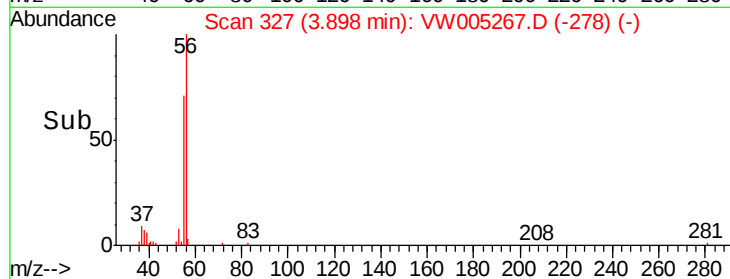
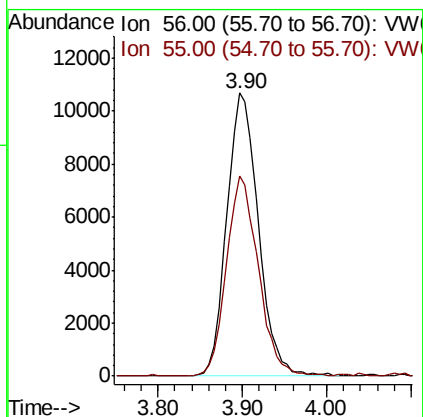
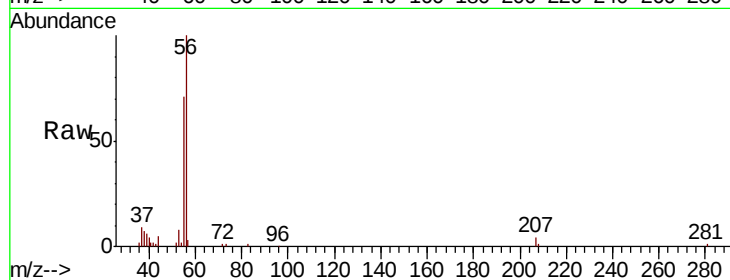
55 71.4 56.8 85.2

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#14

Allyl chloride

Concen: 19.53 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.00 min

Lab File: VW005267.D

Acq: 11 Sep 2018 11:38

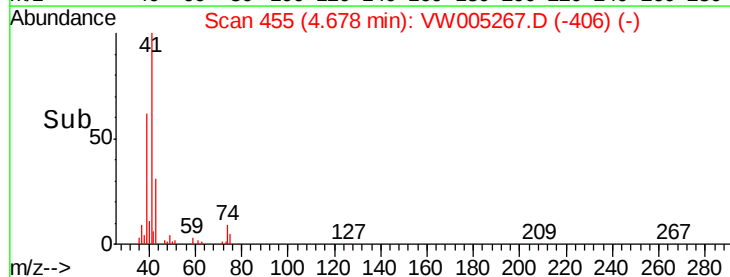
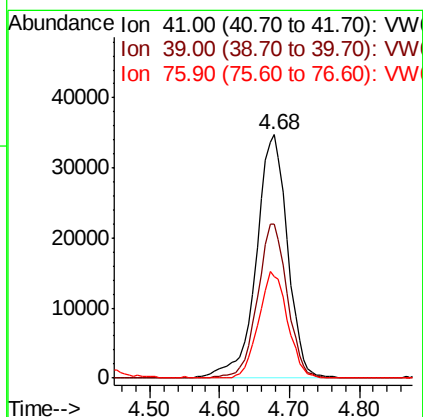
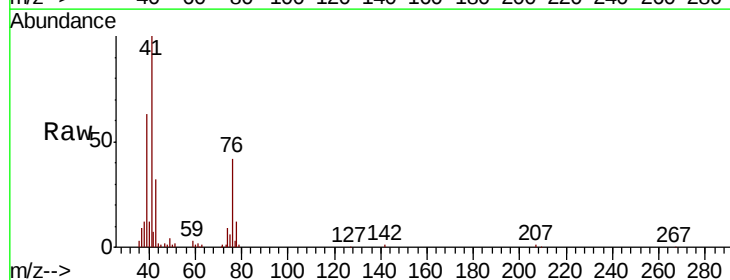
Tgt Ion: 41 Resp: 107996

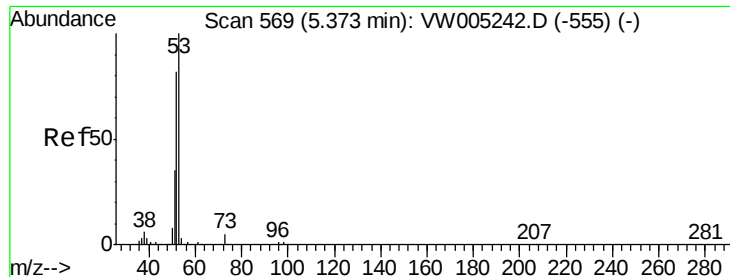
Ion Ratio Lower Upper

41 100

39 60.3 48.2 72.4

76 40.3 31.7 47.5





#15

Acrylonitrile

Concen: 90.67 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.00 min

Lab File: VW005267.D

Acq: 11 Sep 2018 11:38

Instrument :

MSVOA_W

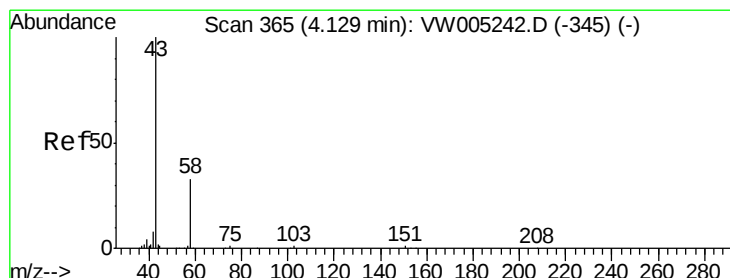
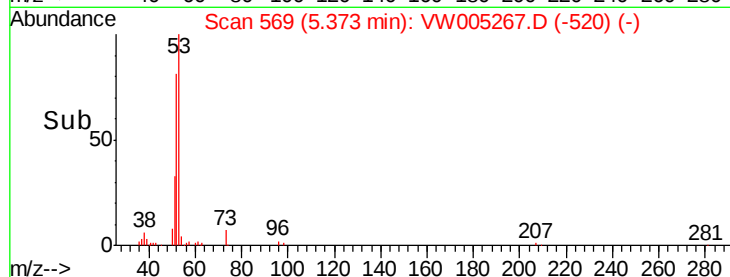
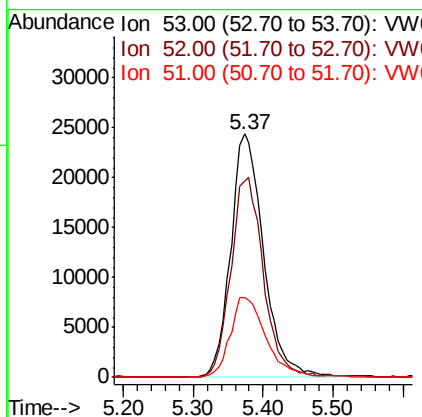
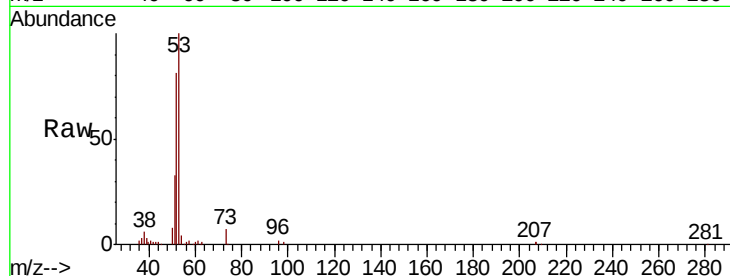
ClientSampleId :

VW0911SBS01

Tot Ion:	53	Resp:	79755
Ion	Ratio	Lower	Upper
53	100		
52	81.2	66.0	99.0
51	35.8	28.6	43.0

Manual Integrations
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#16

Acetone

Concen: 86.98 ug/l

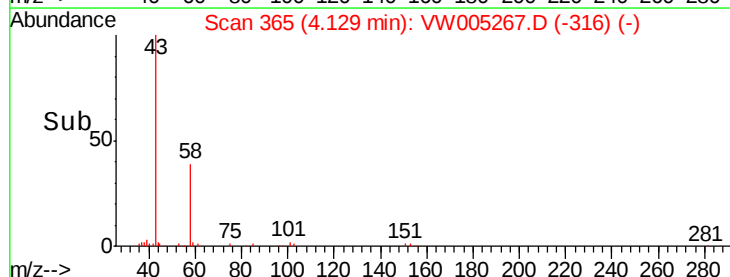
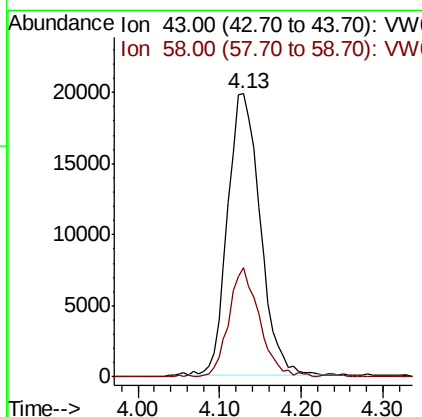
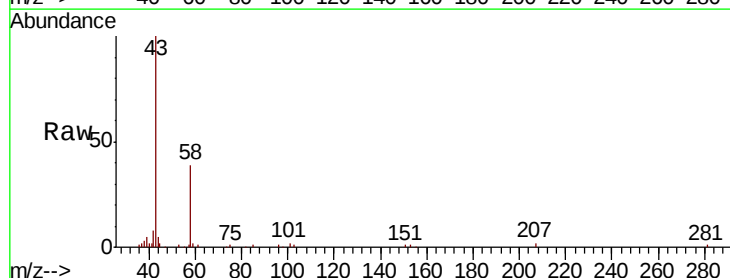
RT: 4.13 min Scan# 365

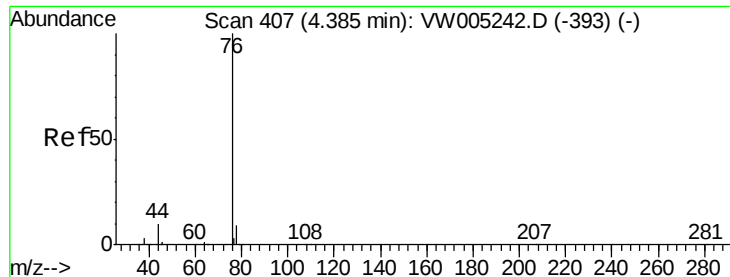
Delta R.T. 0.00 min

Lab File: VW005267.D

Acq: 11 Sep 2018 11:38

Tgt Ion:	43	Resp:	55002
Ion	Ratio	Lower	Upper
43	100		
58	38.3	26.7	40.1





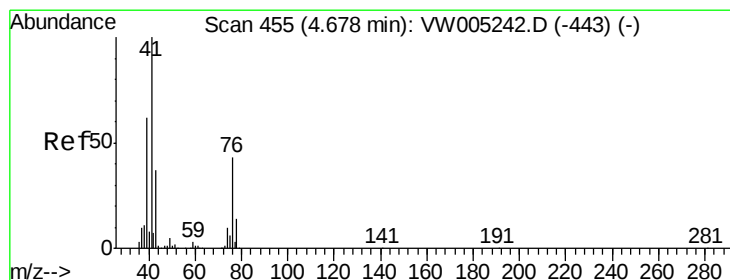
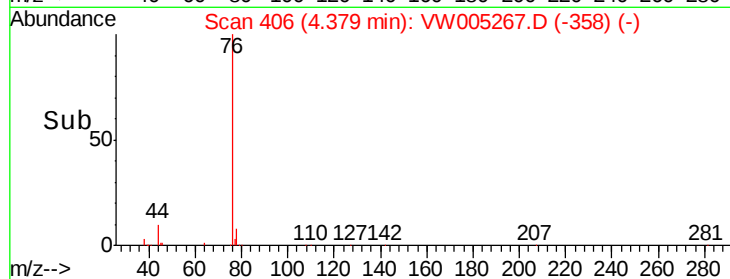
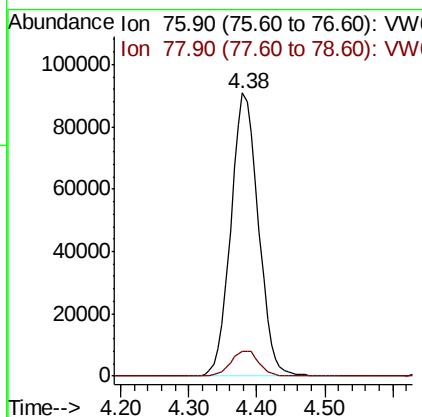
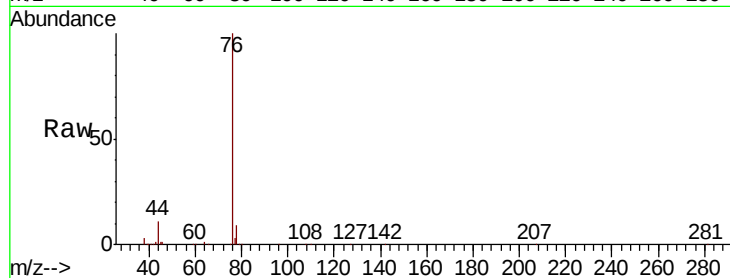
#17
Carbon Disulfide
Concen: 20.21 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW005267.D
Acq: 11 Sep 2018 11:38

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.5	11.3

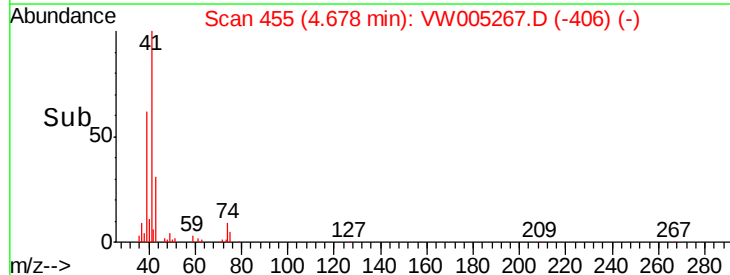
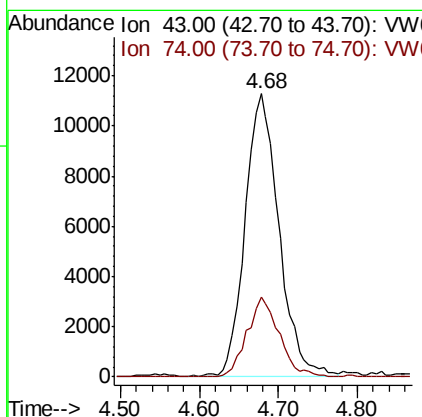
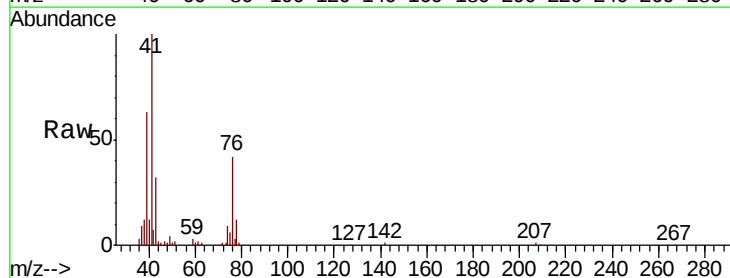
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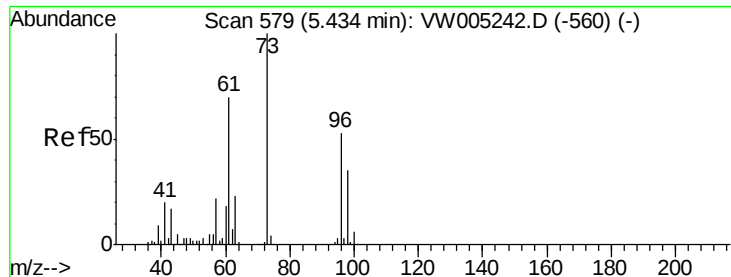
apatel
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#18
Methyl Acetate
Concen: 17.90 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.00 min
Lab File: VW005267.D
Acq: 11 Sep 2018 11:38

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.8	21.4	32.2





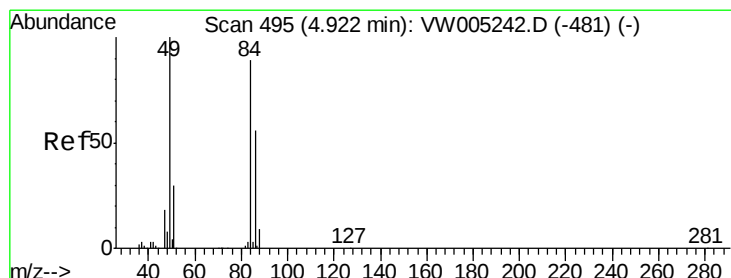
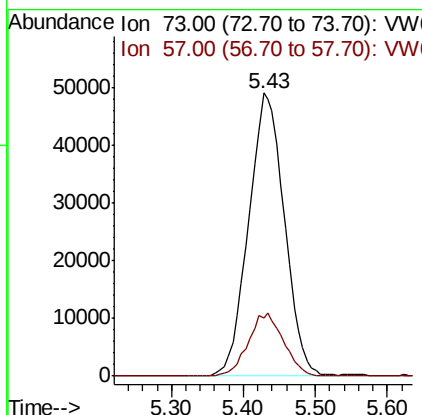
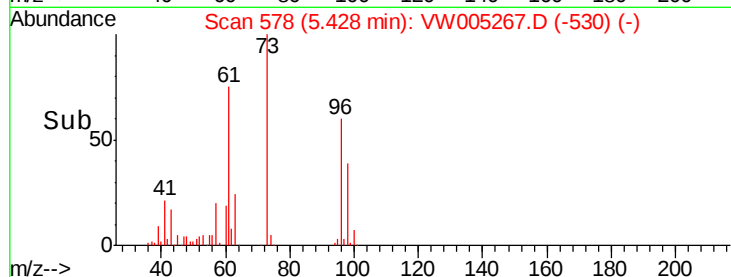
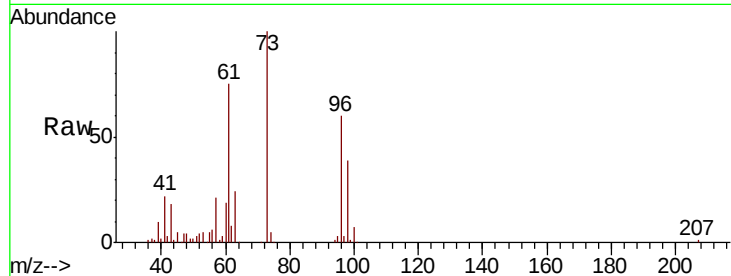
#19
Methvl tert-butvl Ether
Concen: 19.70 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW005267.D
Acq: 11 Sep 2018 11:38

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBS01

Tot Ion: 73 Resp: 168806
Ion Ratio Lower Upper
73 100
57 20.5 17.4 26.2

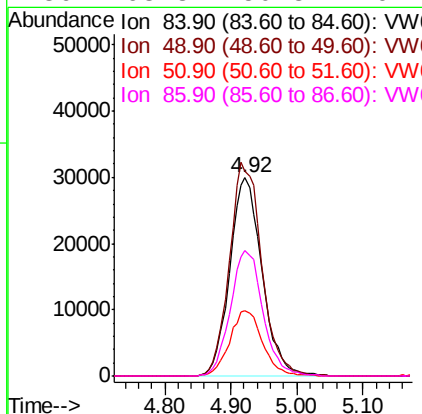
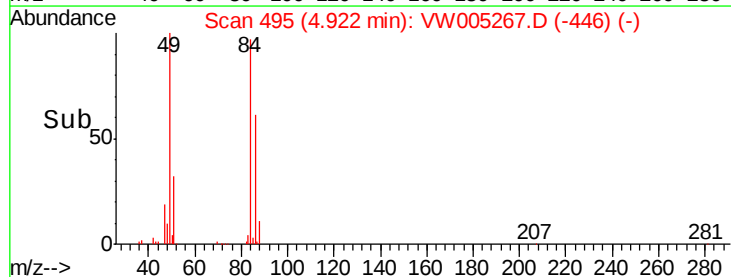
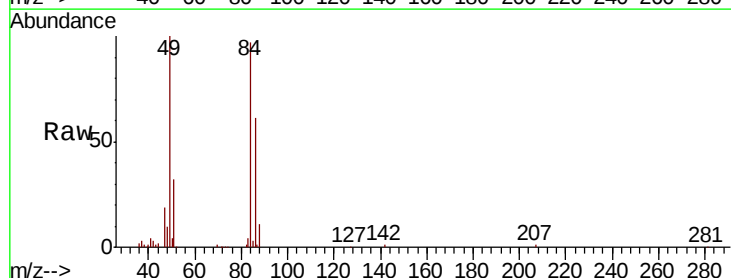
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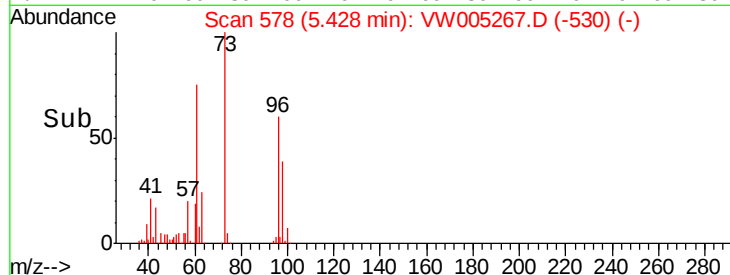
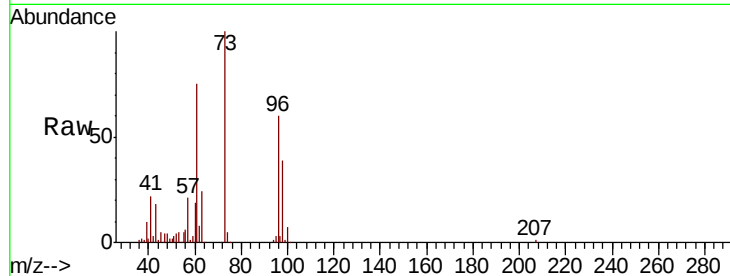
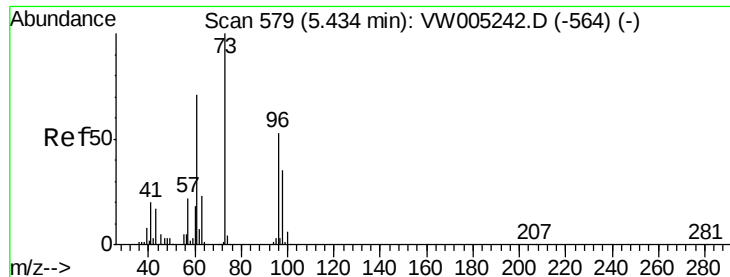
apatel
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#20
Methylene Chloride
Concen: 19.45 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW005267.D
Acq: 11 Sep 2018 11:38

Tgt Ion: 84 Resp: 100882
Ion Ratio Lower Upper
84 100
49 103.6 90.3 135.5
51 32.8 26.9 40.3
86 63.3 50.8 76.2





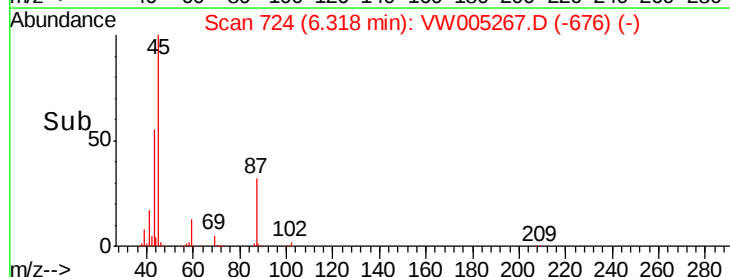
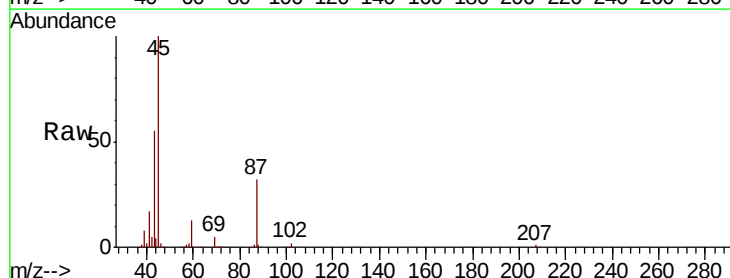
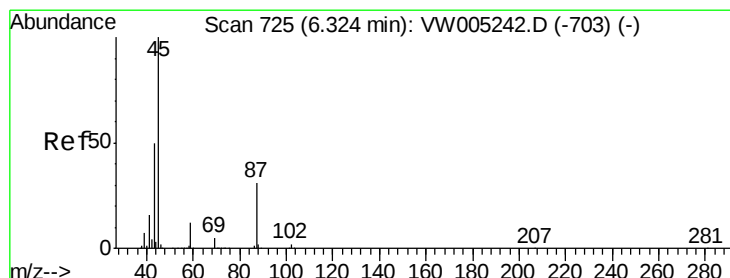
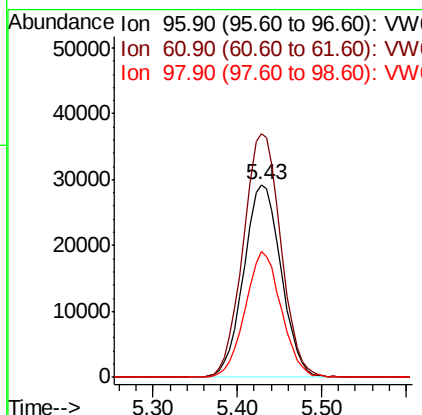
#21
trans-1,2-Dichloroethene
Concen: 20.96 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW005267.D
Acq: 11 Sep 2018 11:38

Tot Ion	Ratio	Lower	Upper
96	100		
61	126.3	105.7	158.5
98	65.4	52.8	79.2

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBS01

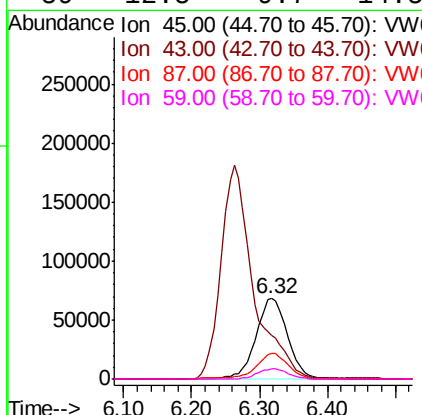
Manual Integrations
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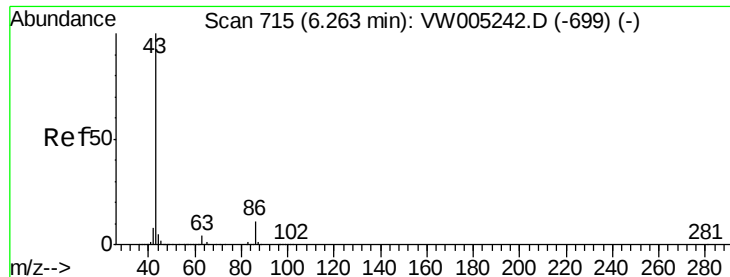
apatel
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#22
Diisopropyl ether
Concen: 19.92 ug/l
RT: 6.32 min Scan# 724
Delta R.T. -0.01 min
Lab File: VW005267.D
Acq: 11 Sep 2018 11:38

Tgt Ion	Ratio	Lower	Upper
45	100		
43	54.5	39.6	59.4
87	32.0	24.7	37.1
59	12.5	9.7	14.5





#23

Vinyl Acetate

Concen: 97.14 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.00 min

Lab File: VW005267.D

Acq: 11 Sep 2018 11:38

Instrument :

MSVOA_W

ClientSampled :

VW0911SBS01

Tot Ion: 43 Resp: 602550

Ion Ratio Lower Upper

43 100

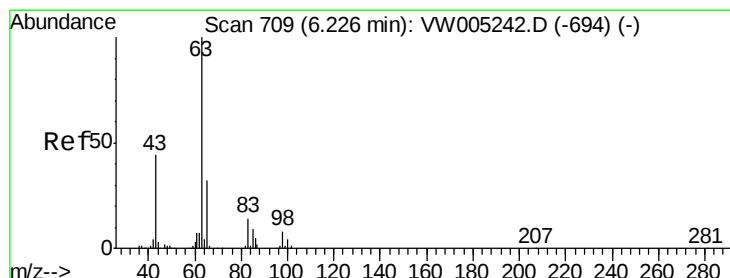
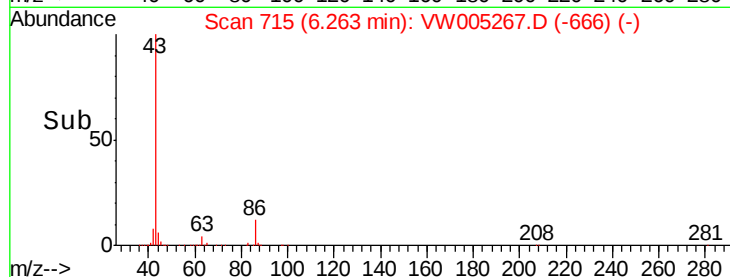
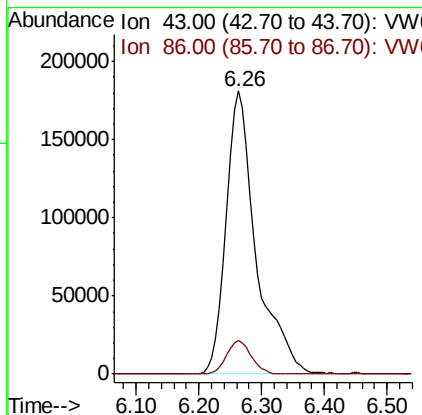
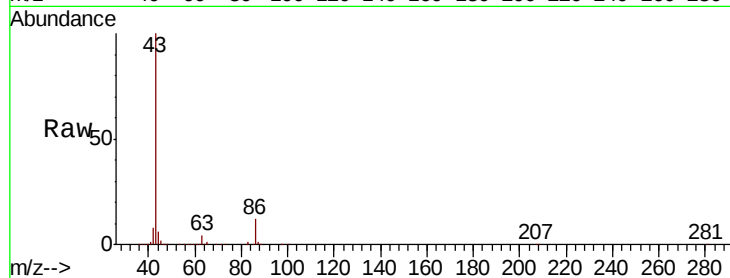
86 12.0 8.9 13.3

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 20.17 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.01 min

Lab File: VW005267.D

Acq: 11 Sep 2018 11:38

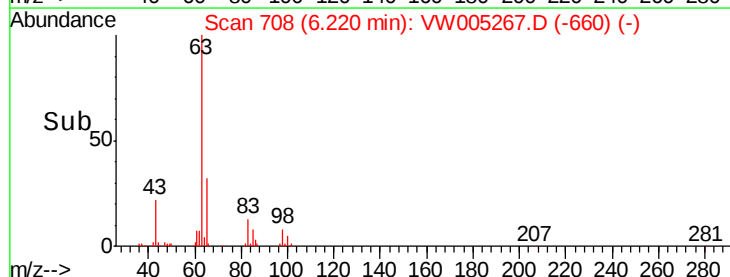
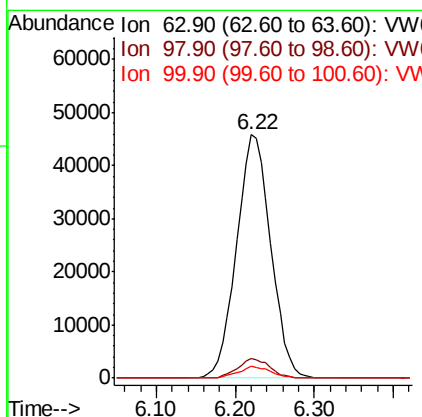
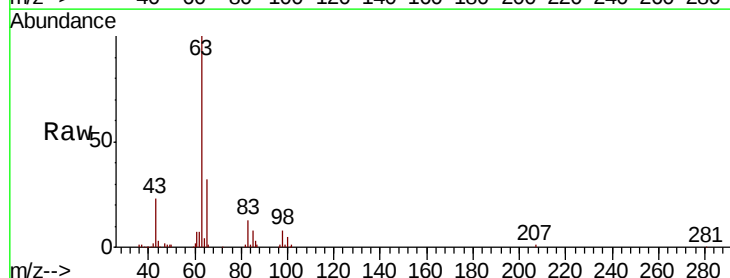
Tgt Ion: 63 Resp: 138169

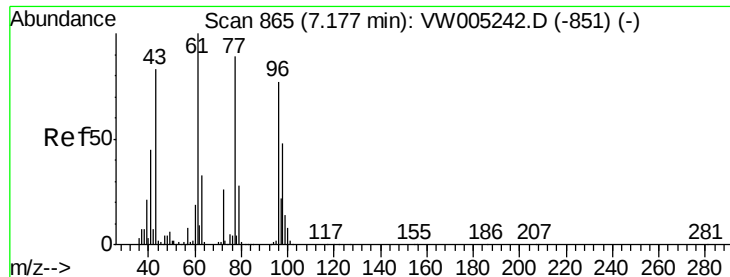
Ion Ratio Lower Upper

63 100

98 8.2 3.8 11.4

100 4.7 2.2 6.6





#25

2-Butanone

Concen: 96.13 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW005267.D

Acq: 11 Sep 2018 11:38

Instrument :

MSVOA_W

ClientSampleId :

VW0911SBS01

Tot Ion: 43 Resp: 95890

Ion Ratio Lower Upper

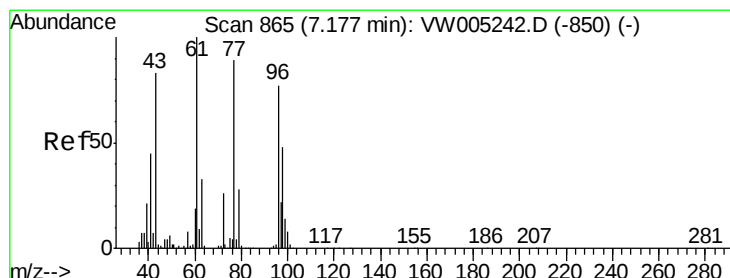
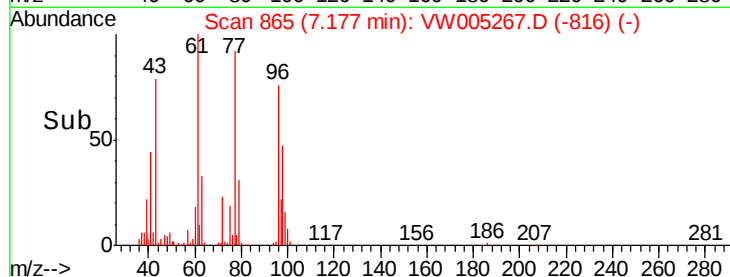
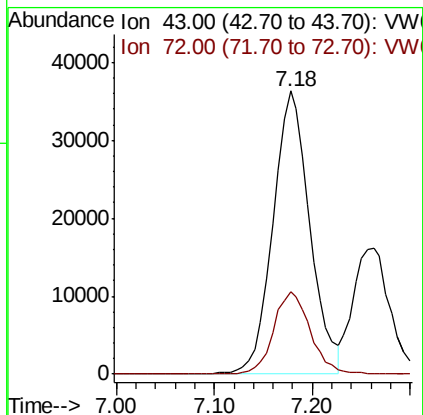
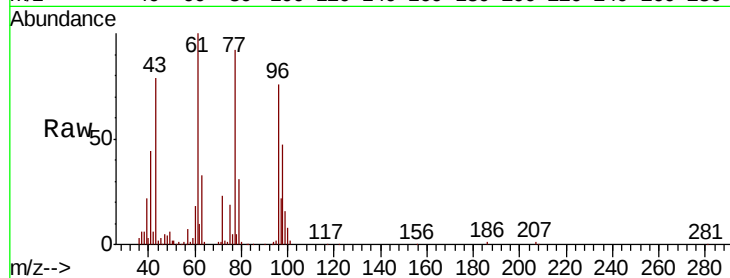
43 100

72 29.0 25.0 37.6

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#26

2,2-Dichloropropane

Concen: 21.73 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW005267.D

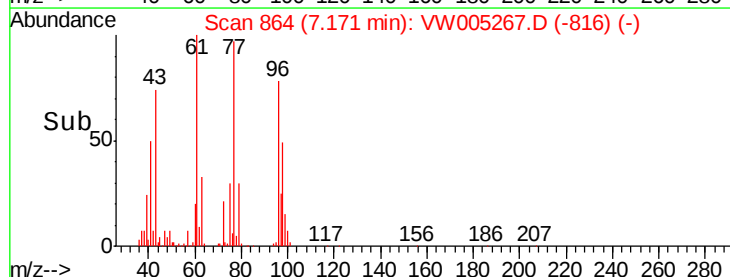
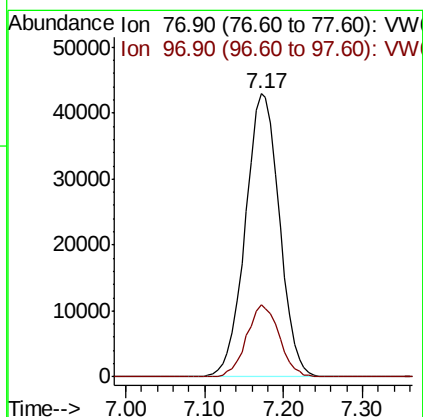
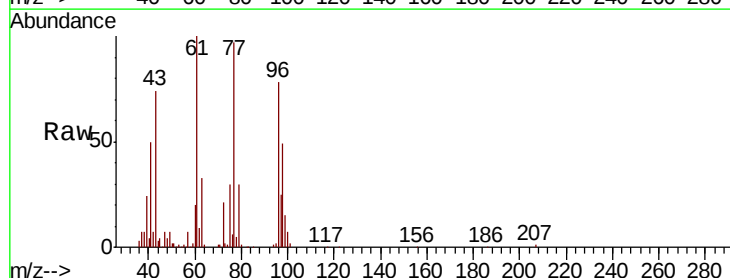
Acq: 11 Sep 2018 11:38

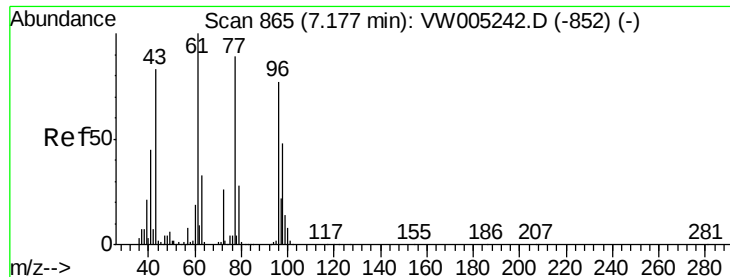
Tgt Ion: 77 Resp: 129084

Ion Ratio Lower Upper

77 100

97 24.3 12.2 36.6





#27

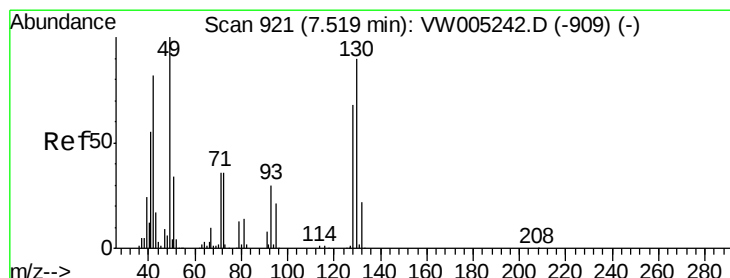
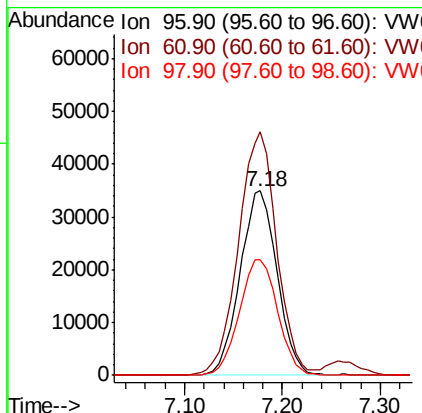
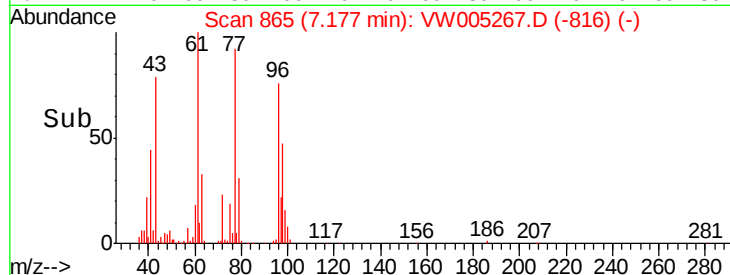
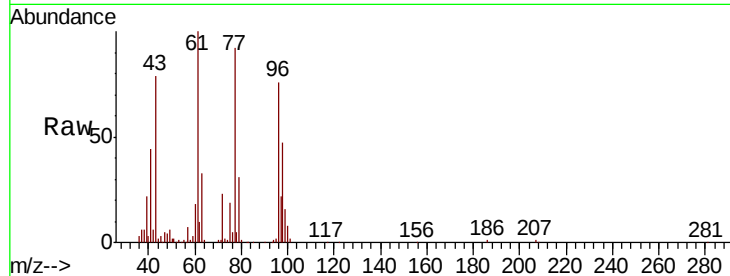
cis-1,2-Dichloroethene
 Concen: 20.44 ug/l
 RT: 7.18 min Scan# 865
 Delta R.T. 0.00 min
 Lab File: VW005267.D
 Acq: 11 Sep 2018 11:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0911SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	136.1	0.0	273.4
98	64.5	0.0	127.8

Manual Integrations
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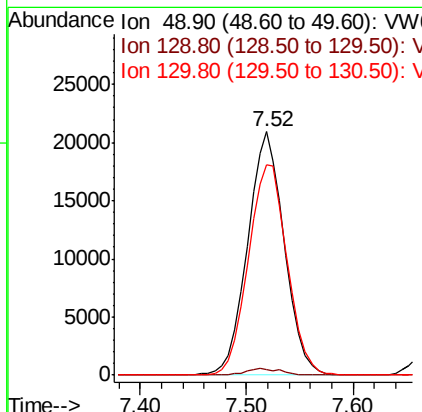
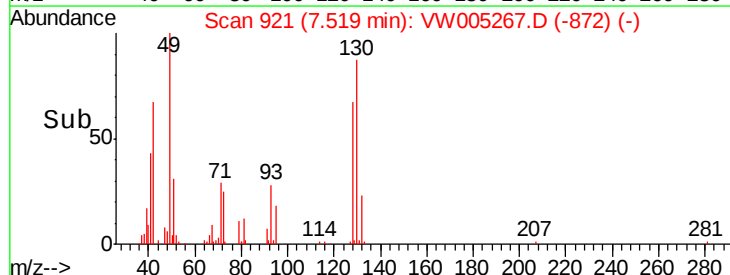
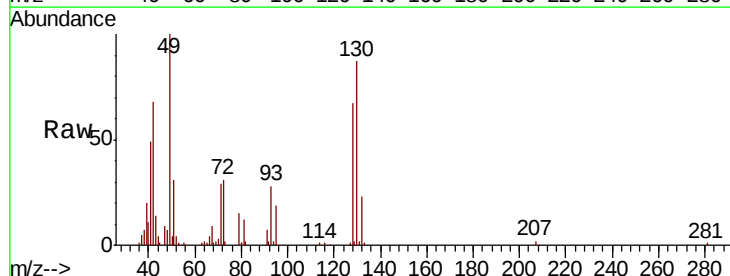
apatel
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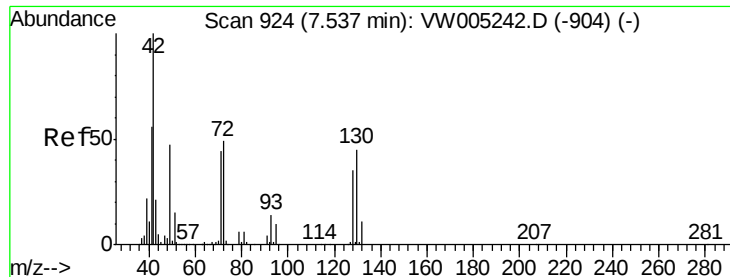


#28

Bromochloromethane
 Concen: 19.93 ug/l
 RT: 7.52 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VW005267.D
 Acq: 11 Sep 2018 11:38

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	2.0#
130	91.5	71.2	106.8





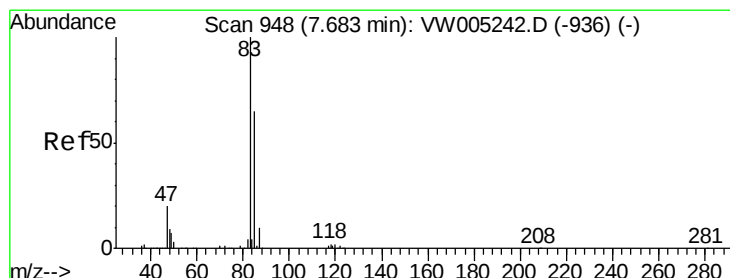
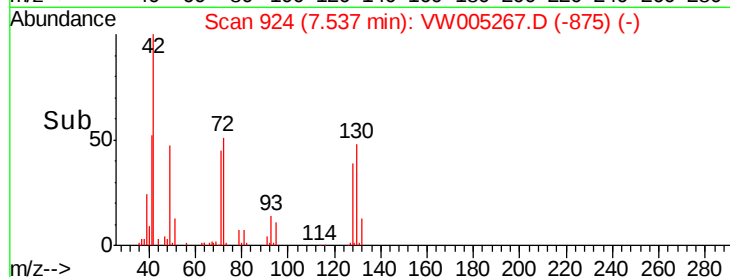
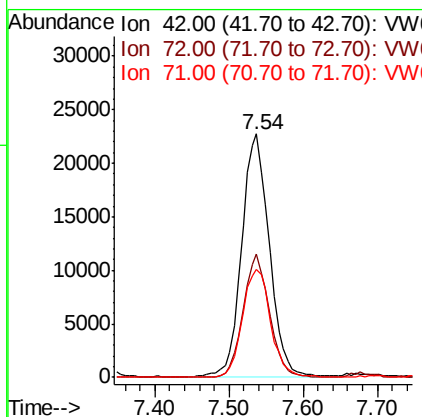
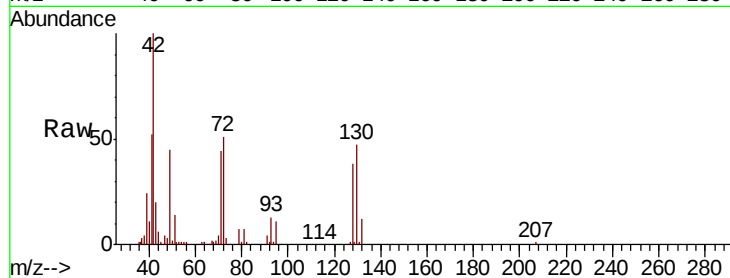
#29
Tetrahydrofuran
Concen: 89.00 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW005267.D
Acq: 11 Sep 2018 11:38

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.4	37.5	56.3
71	44.7	34.8	52.2

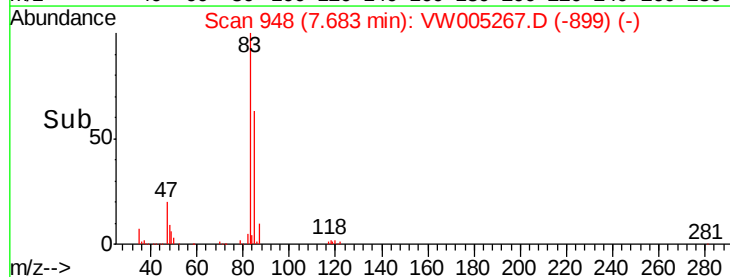
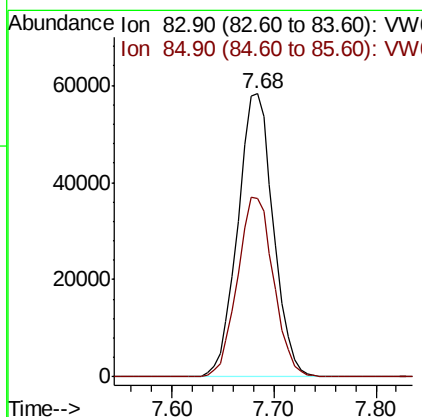
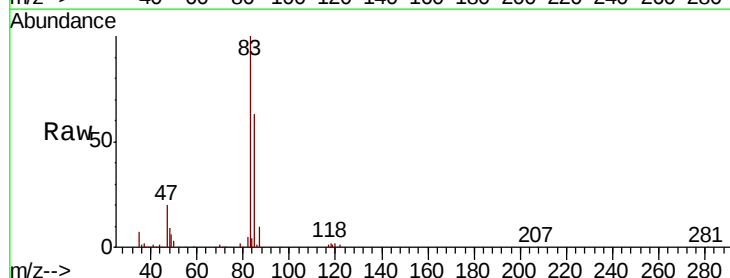
Manual Integrations
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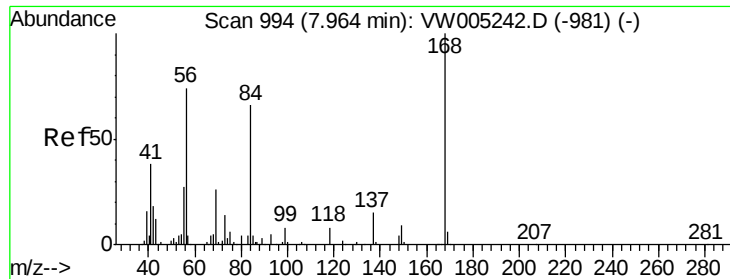
apatel
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#30
Chloroform
Concen: 20.55 ug/l
RT: 7.68 min Scan# 948
Delta R.T. 0.00 min
Lab File: VW005267.D
Acq: 11 Sep 2018 11:38

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.0	51.7	77.5





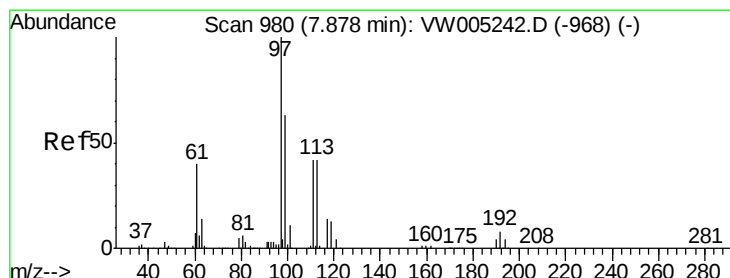
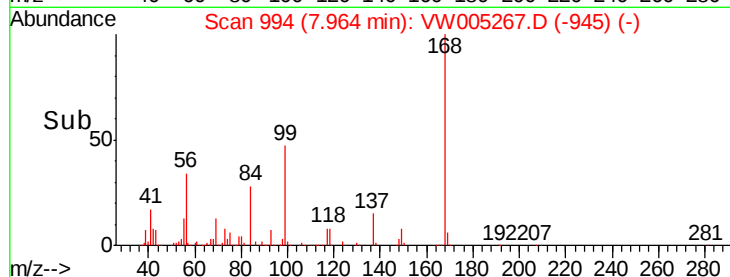
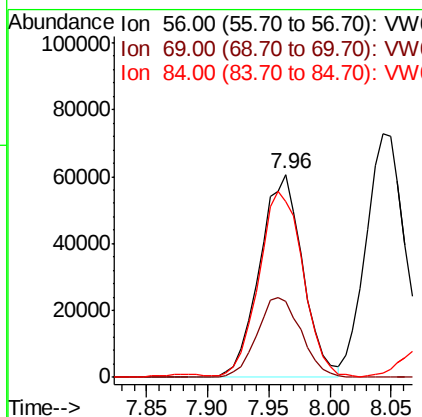
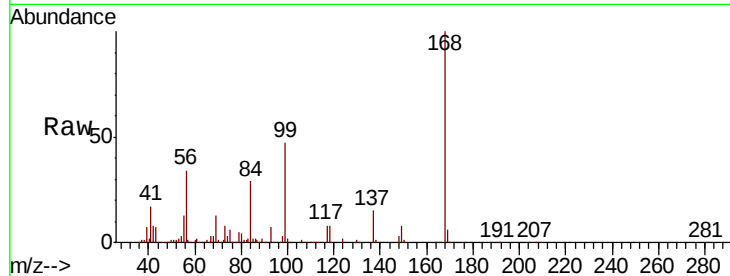
#31
Cyclohexane
Concen: 20.44 ug/l
RT: 7.96 min Scan# 994
Delta R.T. 0.00 min
Lab File: VW005267.D
Acq: 11 Sep 2018 11:38

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	37.6	27.8	41.8
84	85.7	72.1	108.1

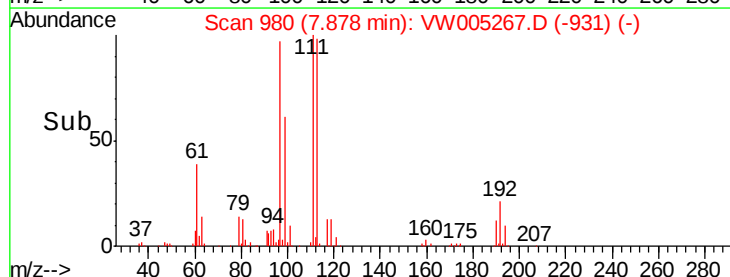
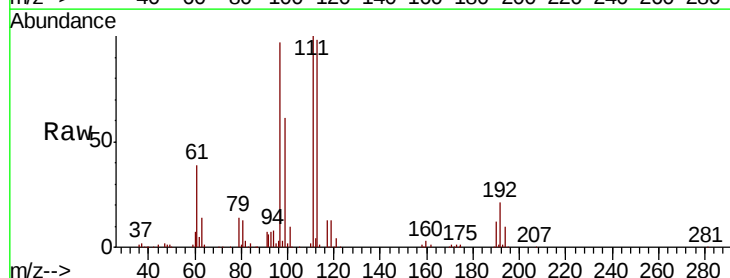
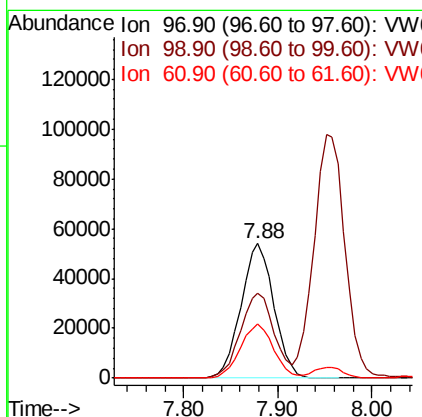
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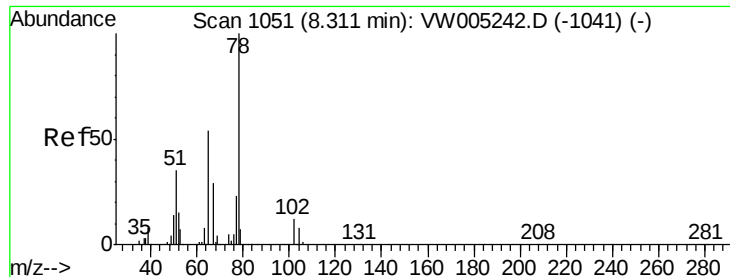
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#32
1,1,1-Trichloroethane
Concen: 21.24 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.00 min
Lab File: VW005267.D
Acq: 11 Sep 2018 11:38

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.5	77.3
61	40.6	32.5	48.7





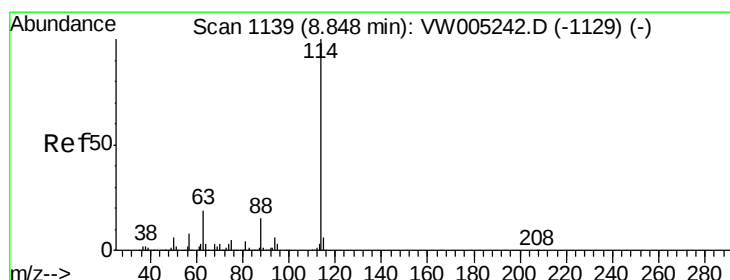
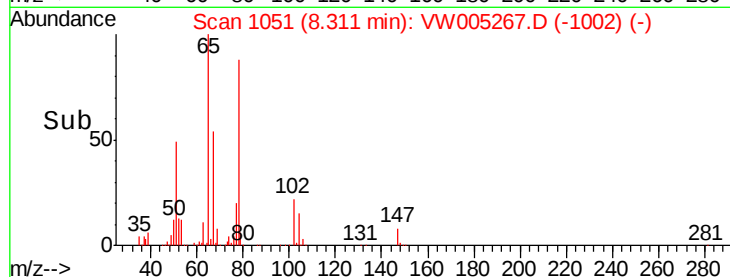
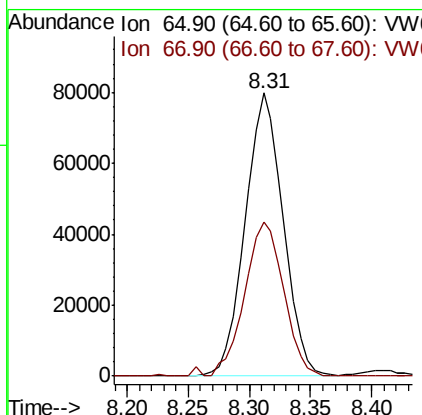
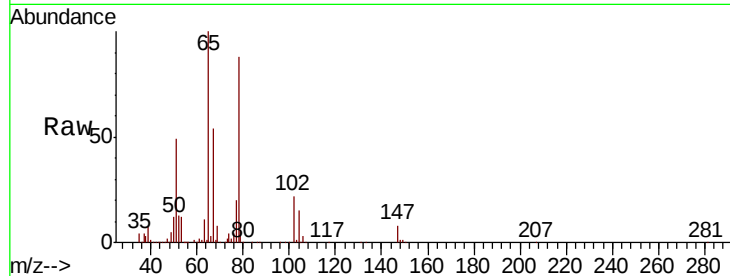
#33
 1,2-Dichloroethane-d4
 Concen: 50.62 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW005267.D
 Acq: 11 Sep 2018 11:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0911SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	56.2	0.0	112.2	

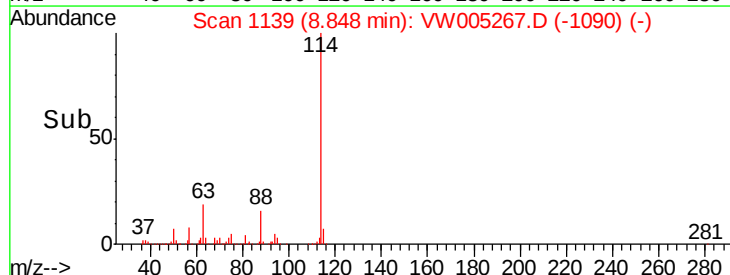
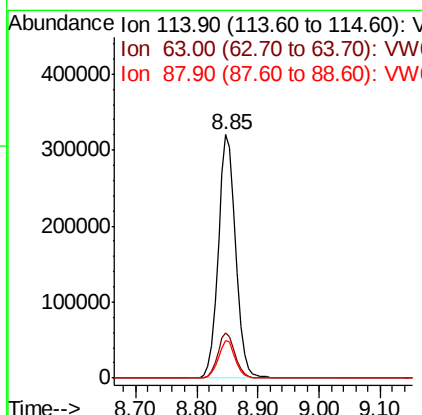
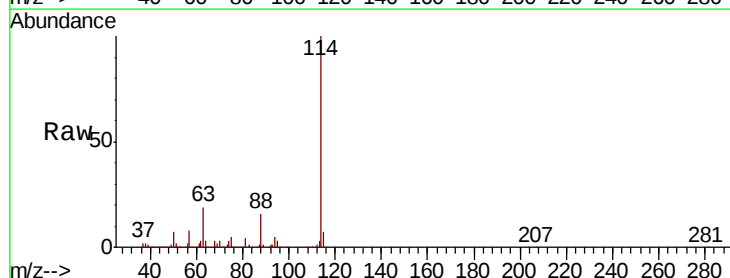
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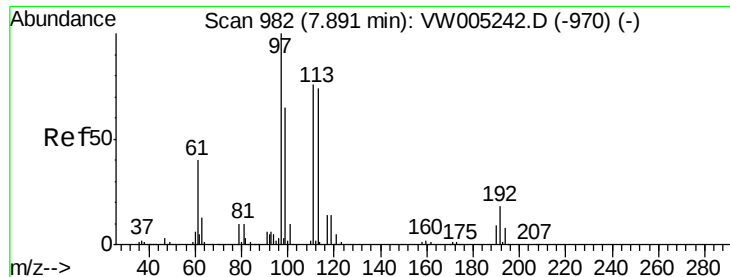
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW005267.D
 Acq: 11 Sep 2018 11:38

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	18.6	0.0	37.0	
88	15.6	0.0	30.4	





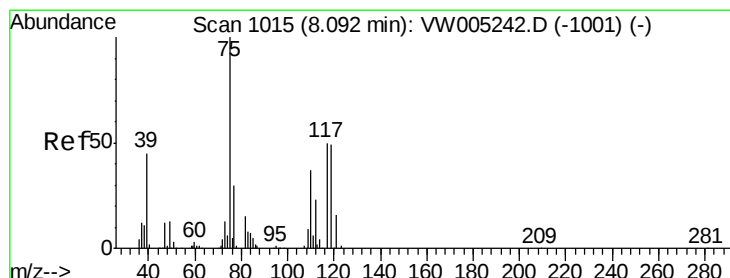
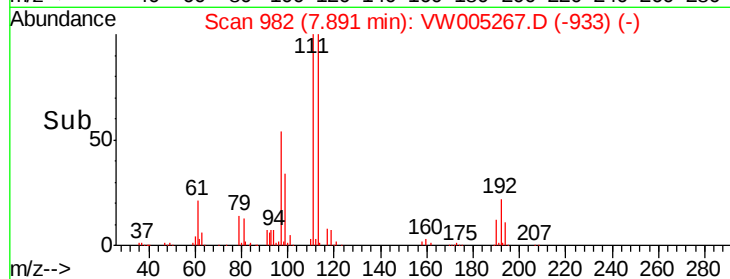
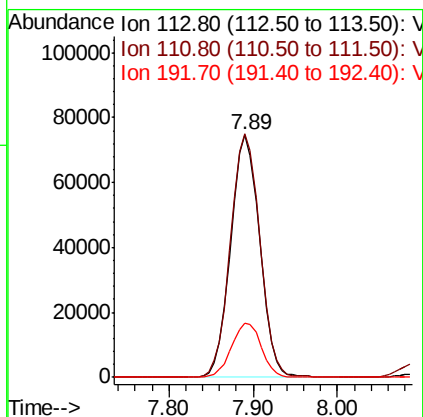
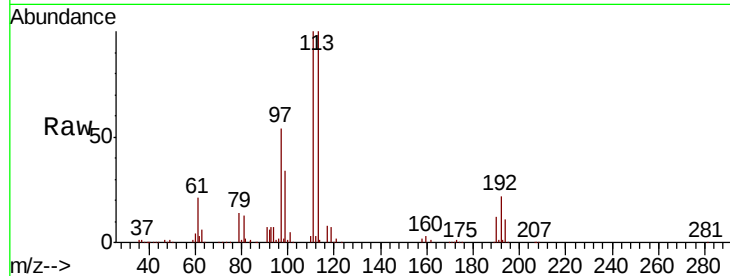
#35
 Dibromofluoromethane
 Concen: 52.37 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW005267.D
 Acq: 11 Sep 2018 11:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0911SBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	80.6	121.0
192	22.8	18.3	27.5

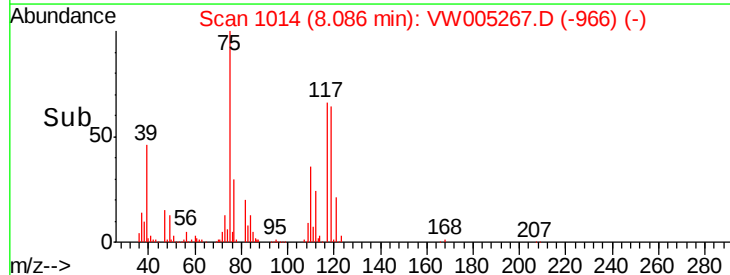
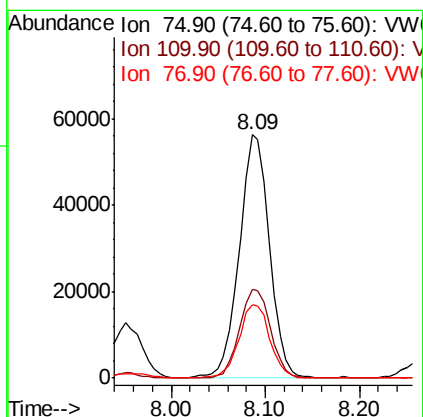
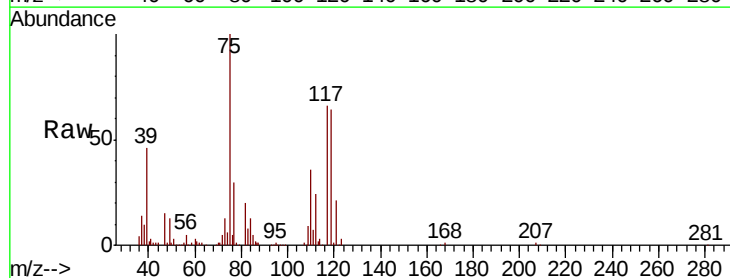
Manual Integrations
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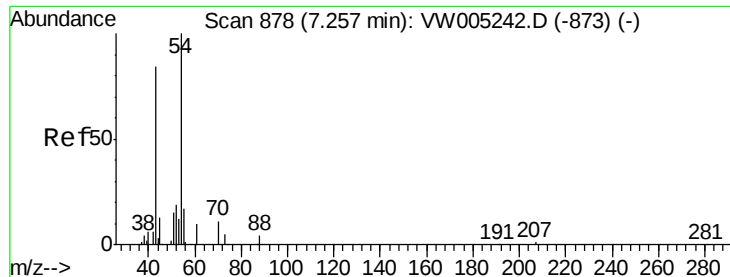
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#36
 1,1-Dichloropropene
 Concen: 21.50 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: VW005267.D
 Acq: 11 Sep 2018 11:38

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.9	18.8	56.4
77	31.4	24.9	37.3





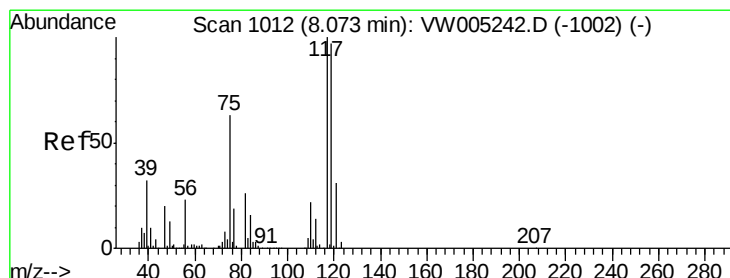
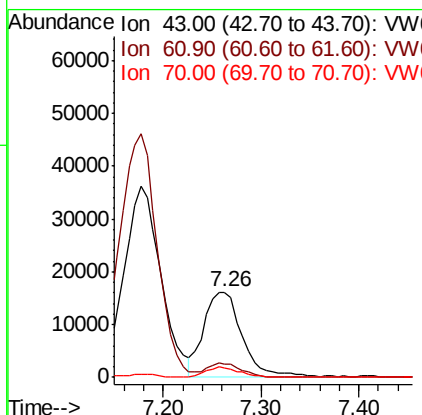
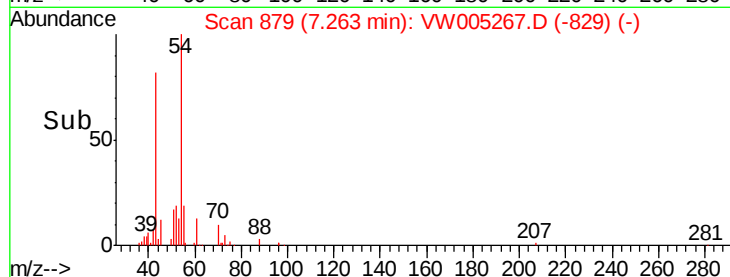
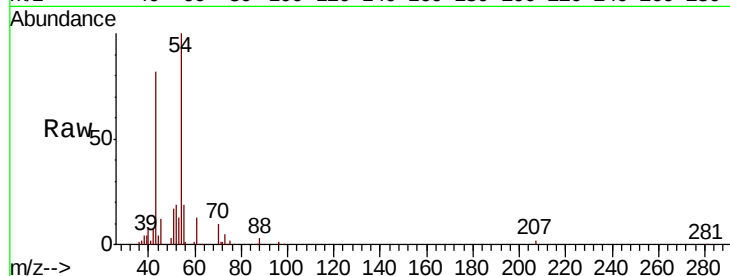
#37
Ethyl Acetate
Concen: 19.40 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: VW005267.D
Acq: 11 Sep 2018 11:38

Instrument :
MSVOA_W
ClientSampled :
VW0911SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.7	12.3	18.5
70	11.2	9.5	14.3

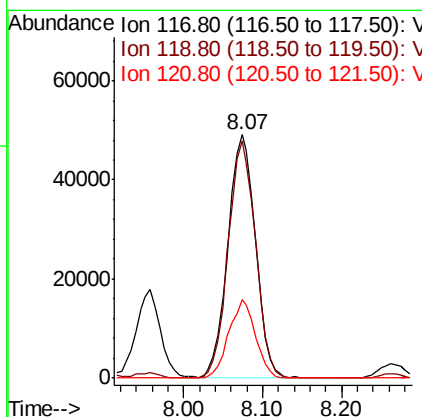
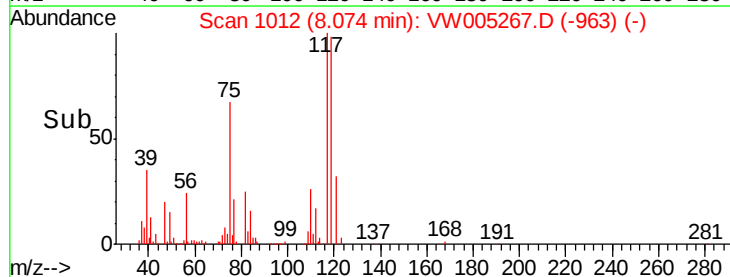
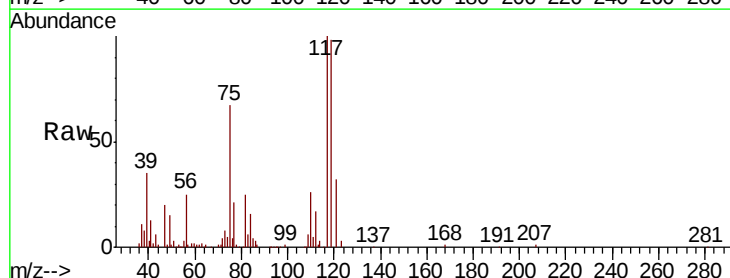
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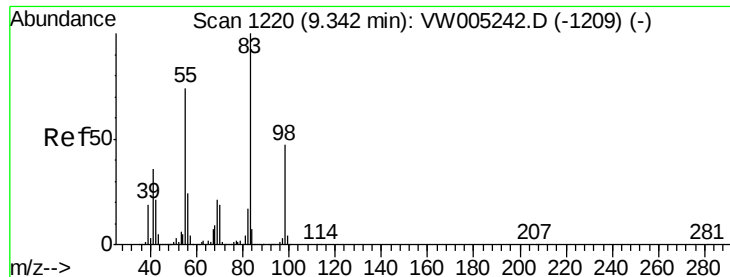
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#38
Carbon Tetrachloride
Concen: 21.93 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW005267.D
Acq: 11 Sep 2018 11:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.6	77.5	116.3
121	32.3	24.7	37.1





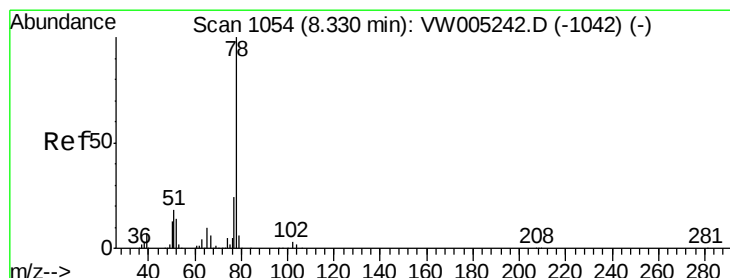
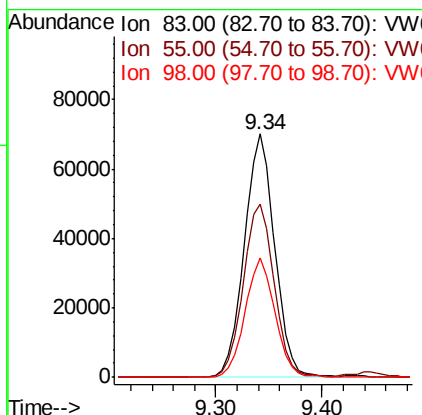
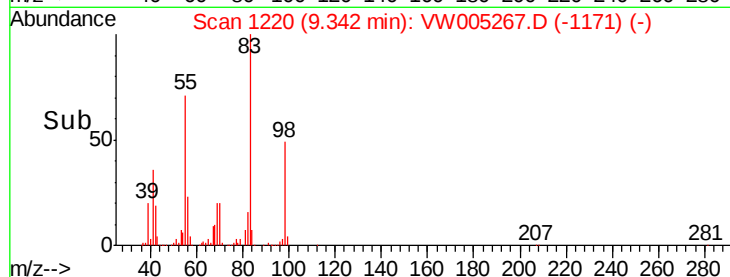
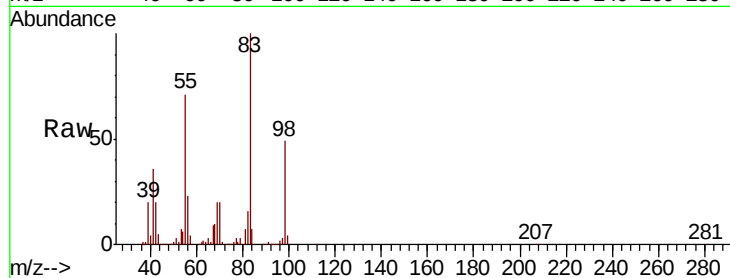
#39
Methvlcvclohexane
Concen: 18.19 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW005267.D
Acq: 11 Sep 2018 11:38

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	140745		
55	70.9		58.9	88.3
98	49.3		37.6	56.4

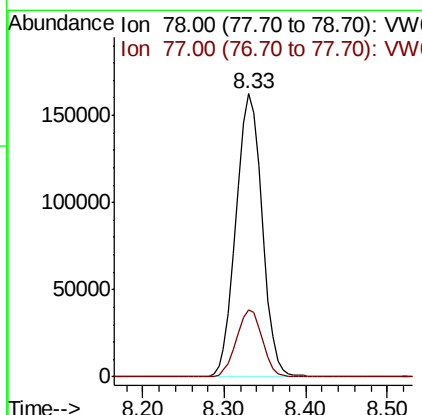
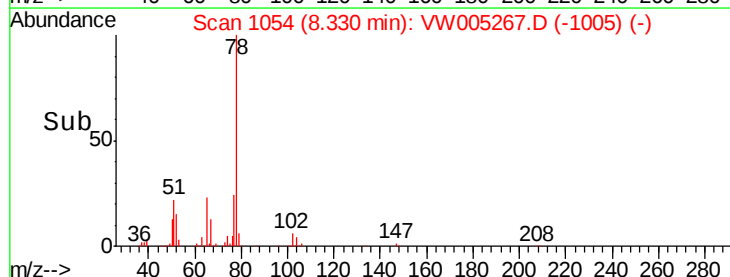
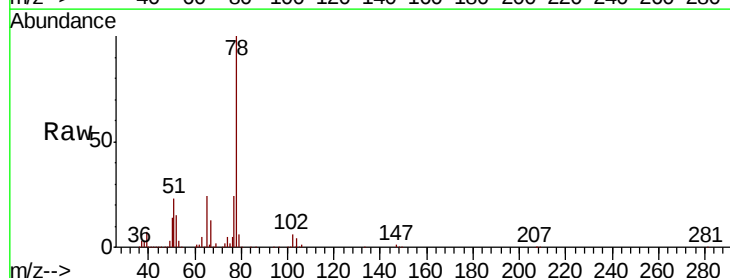
Manual Integrations
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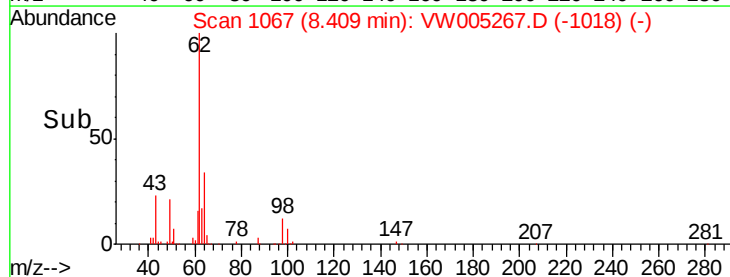
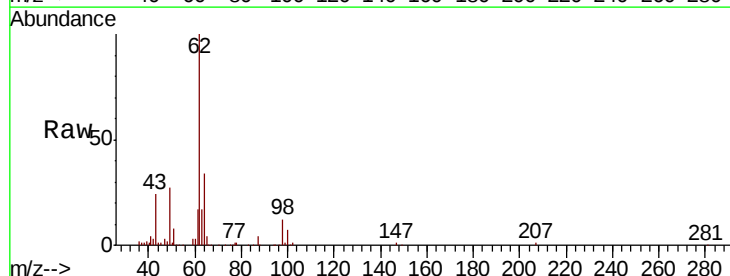
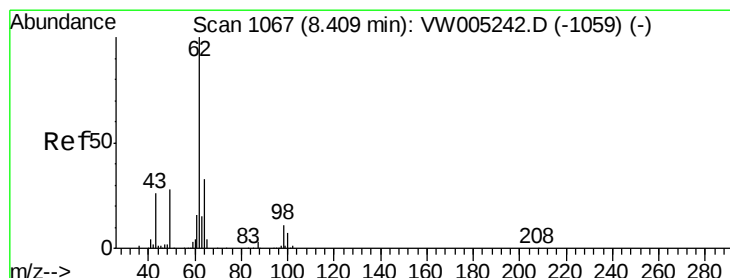
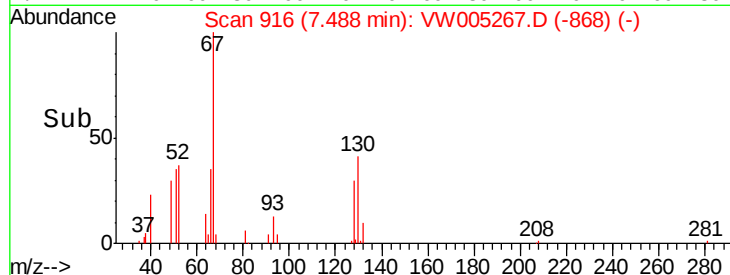
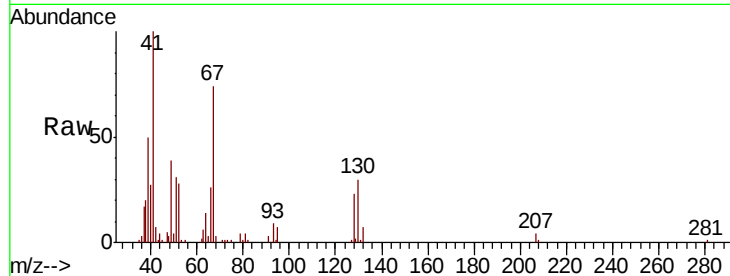
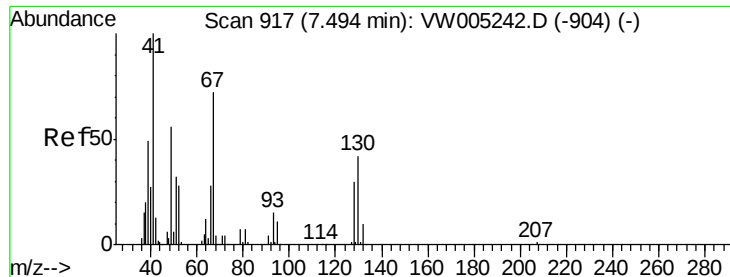
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#40
Benzene
Concen: 20.92 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW005267.D
Acq: 11 Sep 2018 11:38

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	359125		
77	23.8		18.9	28.3





#41

Methacrylonitrile

Concen: 20.45 ug/l

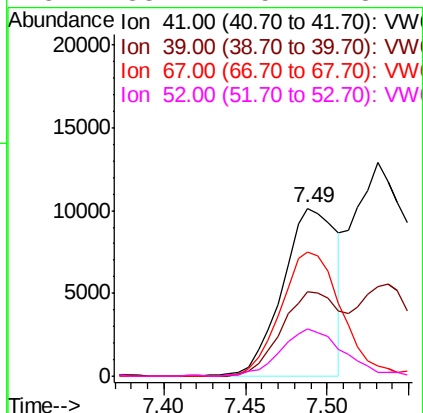
RT: 7.49 min Scan# 916

Delta R.T. -0.01 min

Lab File: VW005267.D

Acq: 11 Sep 2018 11:38

Tot Ion	Ratio	Lower	Upper
41	100		
39	56.5	39.9	59.9
67	84.7	65.7	98.5
52	33.4	25.1	37.7



Instrument :

MSVOA_W

ClientSampleId :

VW0911SBS01

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#42

1,2-Dichloroethane

Concen: 20.16 ug/l

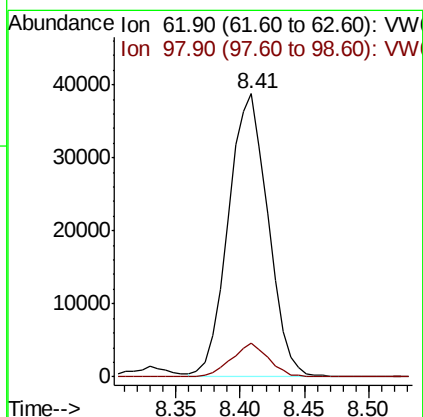
RT: 8.41 min Scan# 1067

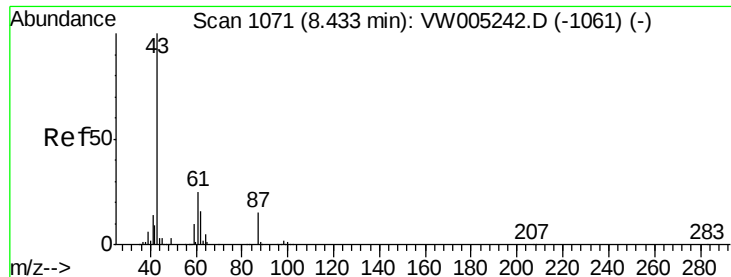
Delta R.T. 0.00 min

Lab File: VW005267.D

Acq: 11 Sep 2018 11:38

Tgt Ion	Ratio	Lower	Upper
62	100		
98	11.2	0.0	22.0





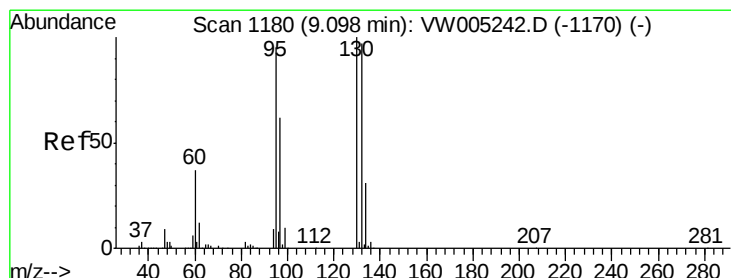
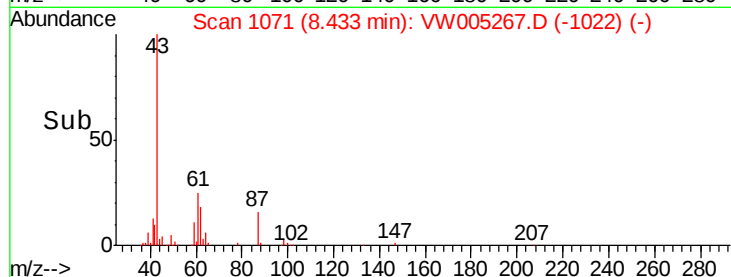
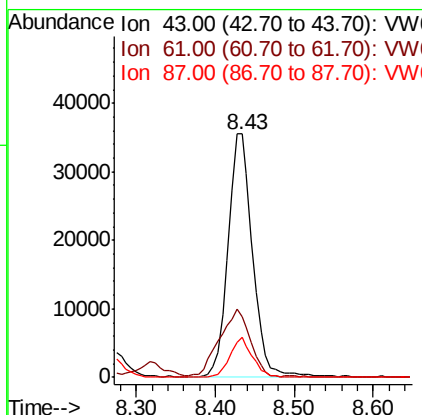
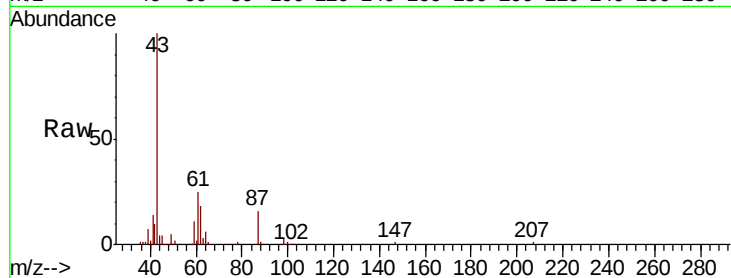
#43
Isopropyl Acetate
Concen: 18.53 ug/l
RT: 8.43 min Scan# 1071
Delta R.T. 0.00 min
Lab File: VW005267.D
Acq: 11 Sep 2018 11:38

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	34.4	25.4	38.0
87	15.1	11.9	17.9

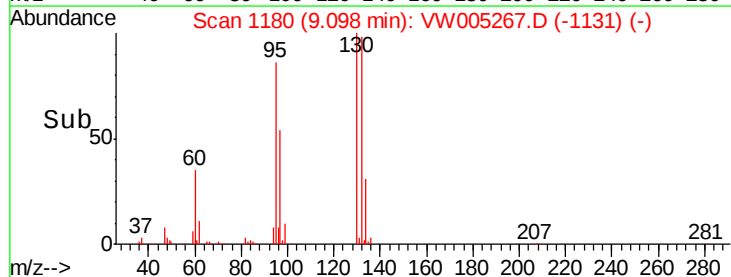
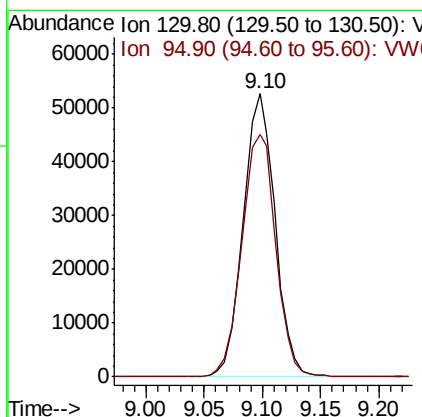
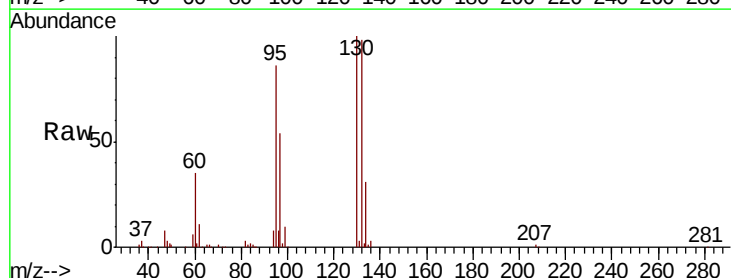
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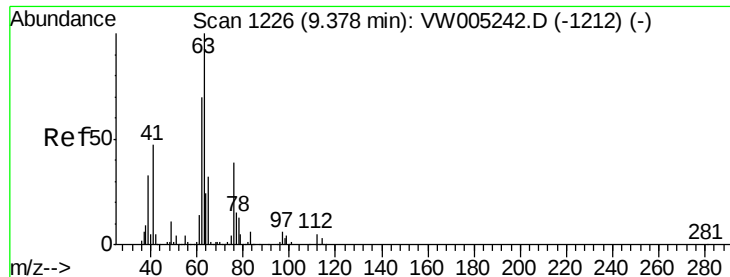
apatel
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#44
Trichloroethene
Concen: 21.44 ug/l
RT: 9.10 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VW005267.D
Acq: 11 Sep 2018 11:38

Tgt Ion	Ratio	Lower	Upper
130	100		
95	85.8	0.0	189.6





#45

1,2-Dichloropropane

Concen: 19.18 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. -0.01 min

Lab File: VW005267.D

Acq: 11 Sep 2018 11:38

Instrument :

MSVOA_W

ClientSampleId :

VW0911SBS01

Tot Ion: 63 Resp: 79151

Ion Ratio Lower Upper

63 100

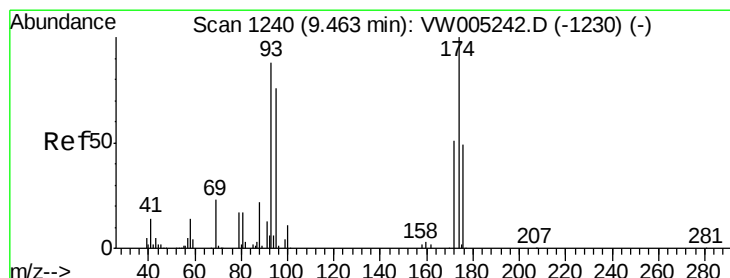
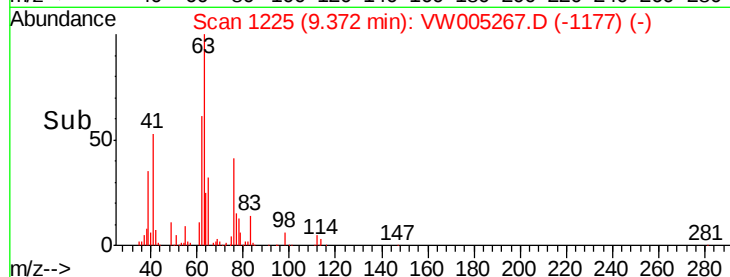
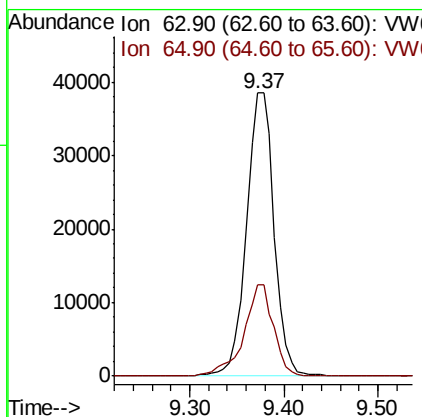
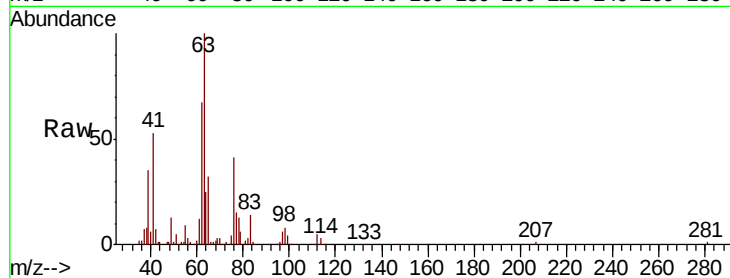
65 32.4 25.4 38.2

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#46

Dibromomethane

Concen: 18.16 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VW005267.D

Acq: 11 Sep 2018 11:38

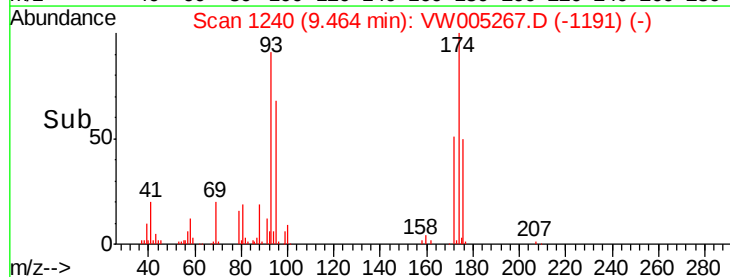
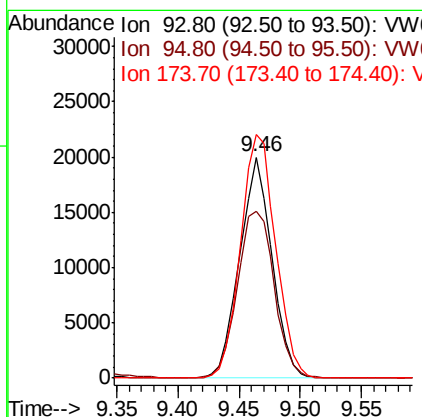
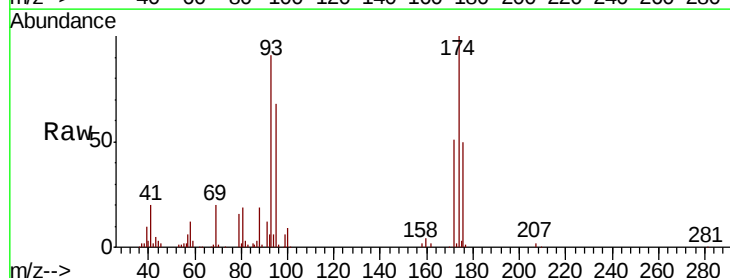
Tgt Ion: 93 Resp: 36671

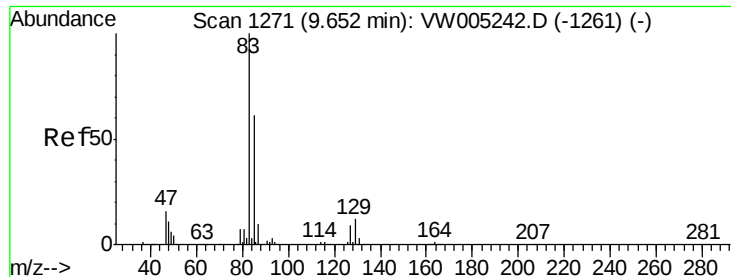
Ion Ratio Lower Upper

93 100

95 85.7 67.0 100.4

174 119.4 92.2 138.2





#47

Bromodichloromethane

Concen: 19.69 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VW005267.D

Acq: 11 Sep 2018 11:38

Instrument :

MSVOA_W

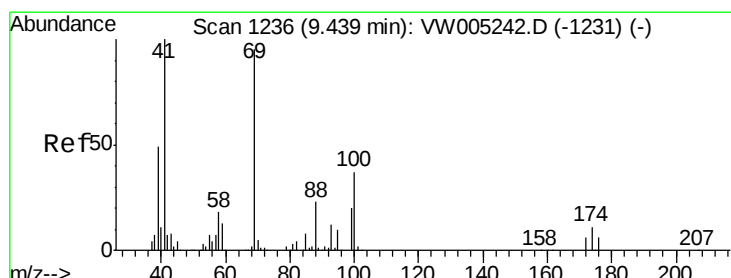
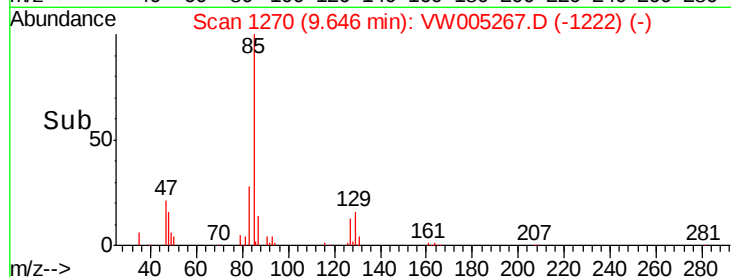
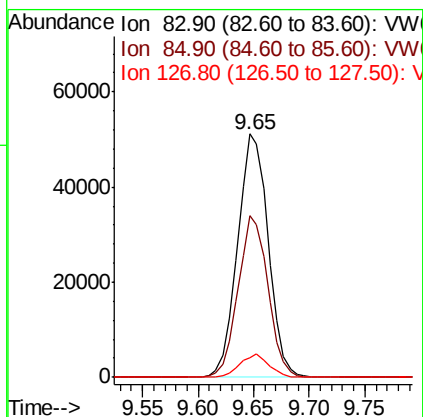
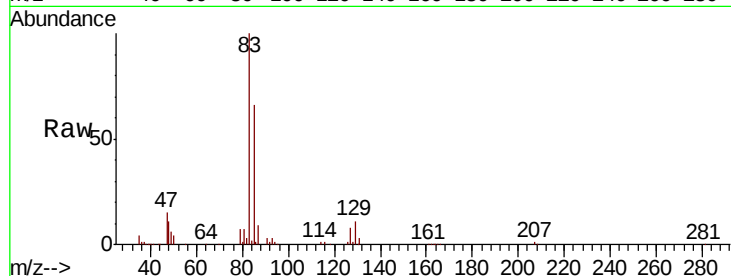
ClientSampleId :

VW0911SBS01

Tot Ion:	83	Resp:	97264
Ion Ratio	Lower	Upper	
83	100		
85	66.4	49.0	73.6
127	8.3	7.0	10.4

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#48

Methyl methacrylate

Concen: 14.86 ug/l

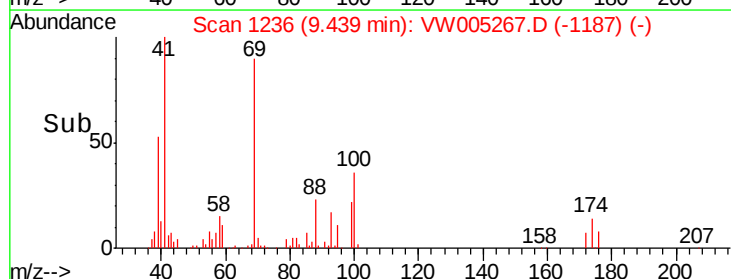
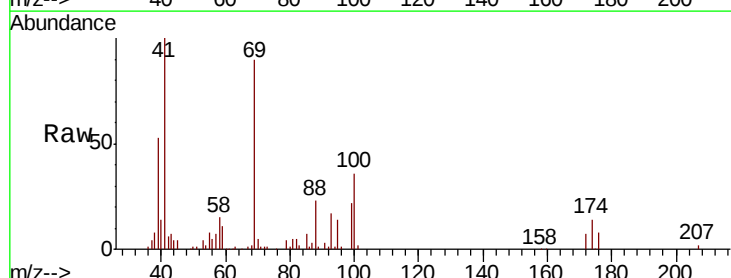
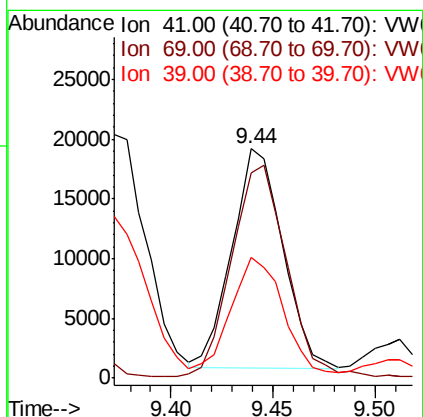
RT: 9.44 min Scan# 1236

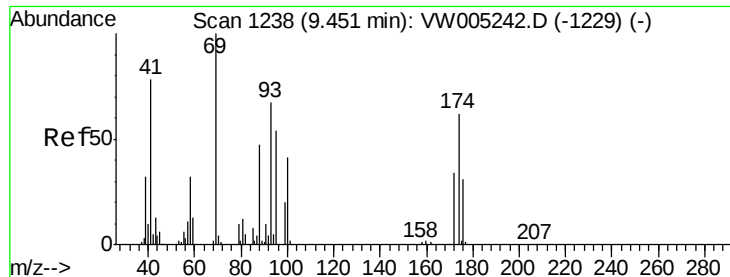
Delta R.T. 0.00 min

Lab File: VW005267.D

Acq: 11 Sep 2018 11:38

Tgt Ion:	41	Resp:	31766
Ion Ratio	Lower	Upper	
41	100		
69	107.5	74.6	112.0
39	52.7	36.7	55.1





#49

1,4-Dioxane

Concen: 359.22 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. 0.00 min

Lab File: VW005267.D

Acq: 11 Sep 2018 11:38

Instrument :

MSVOA_W

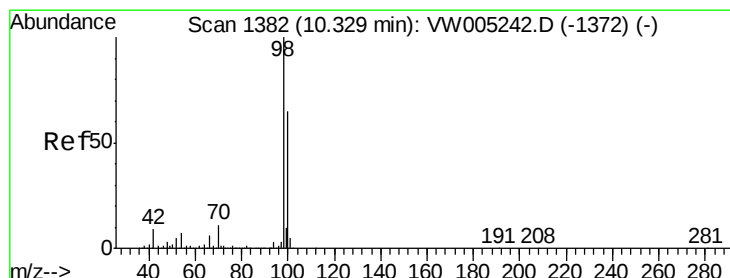
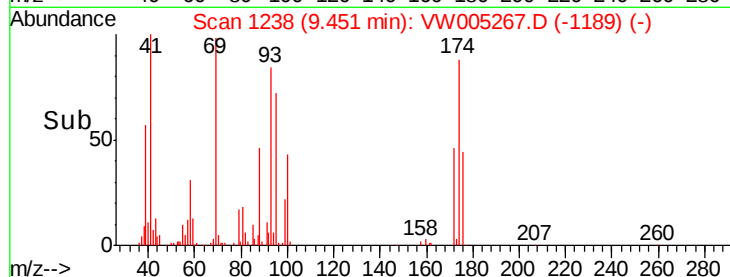
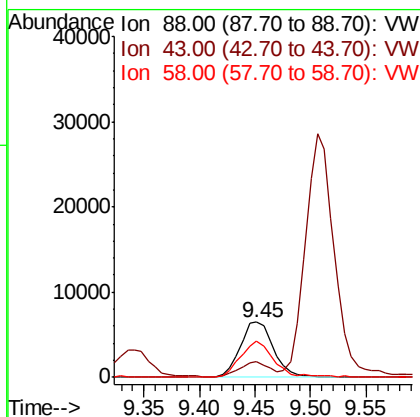
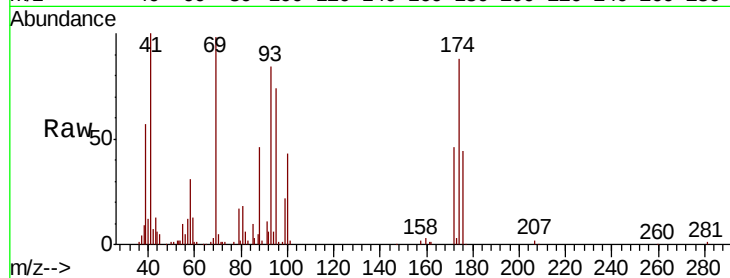
ClientSampleId :

VW0911SBS01

Tot Ion:	88	Resp:	13546
Ion	Ratio	Lower	Upper
88	100		
43	24.1	22.7	34.1
58	62.5	56.6	85.0

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#50

Toluene-d8

Concen: 52.13 ug/l

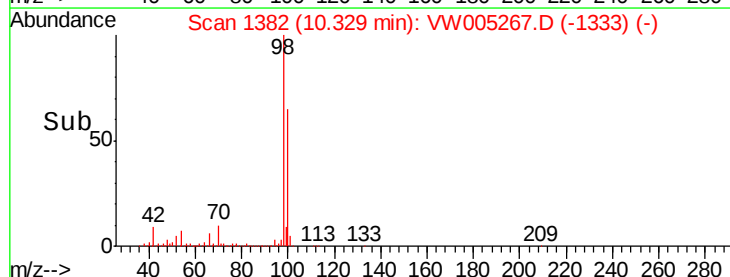
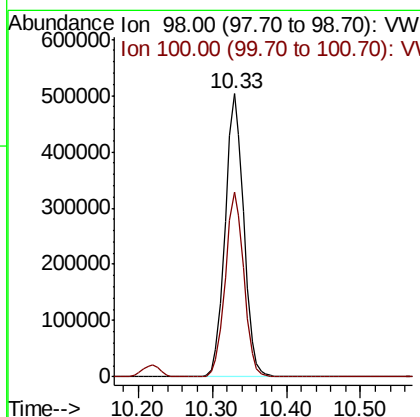
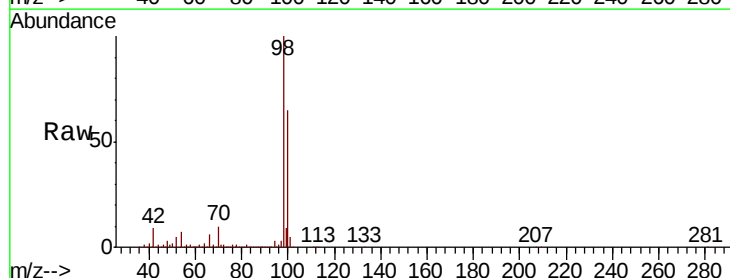
RT: 10.33 min Scan# 1382

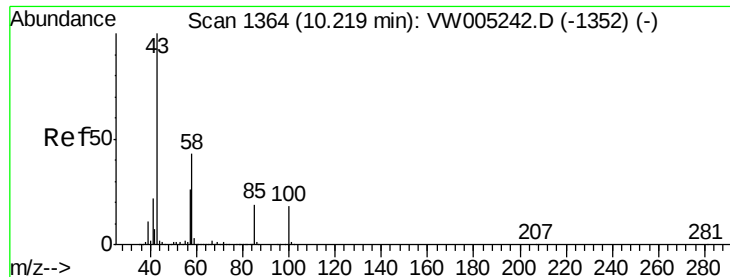
Delta R.T. 0.00 min

Lab File: VW005267.D

Acq: 11 Sep 2018 11:38

Tgt Ion:	98	Resp:	877557
Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.0	78.0





#51

4-Methyl-2-Pentanone

Concen: 88.74 ug/l

RT: 10.22 min Scan# 1364

Delta R.T. 0.00 min

Lab File: VW005267.D

Acq: 11 Sep 2018 11:38

Instrument :

MSVOA_W

ClientSampleId :

VW0911SBS01

Tot Ion: 43 Resp: 205530

Ion Ratio Lower Upper

43 100

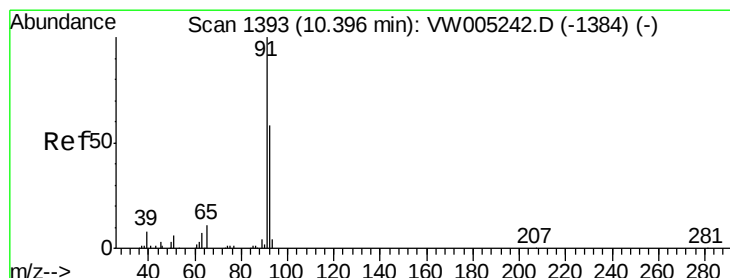
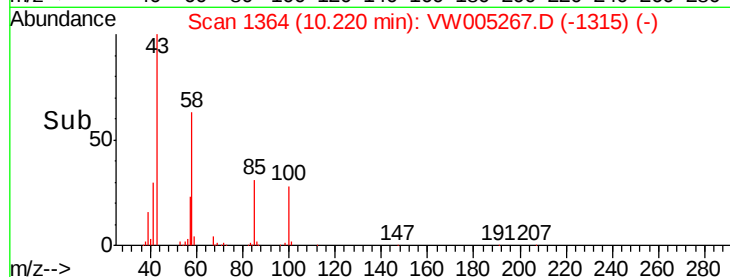
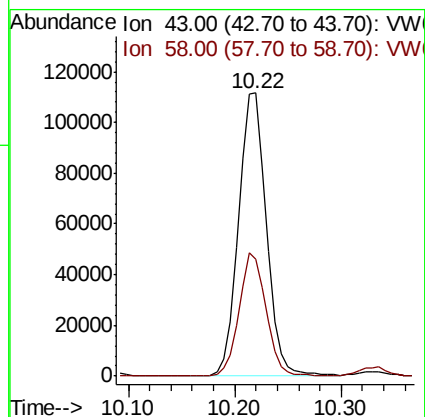
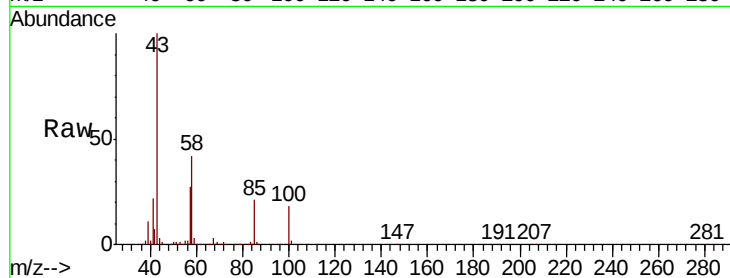
58 42.2 33.8 50.6

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#52

Toluene

Concen: 20.50 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW005267.D

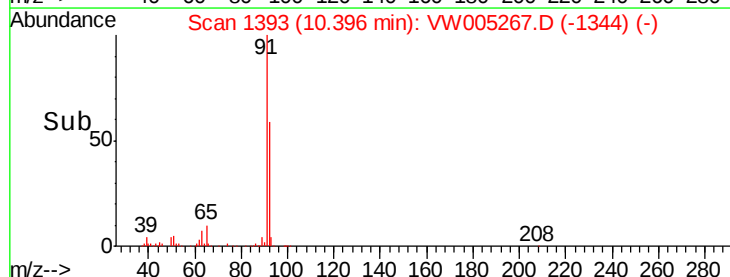
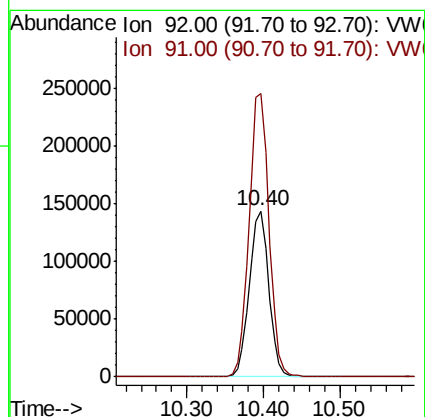
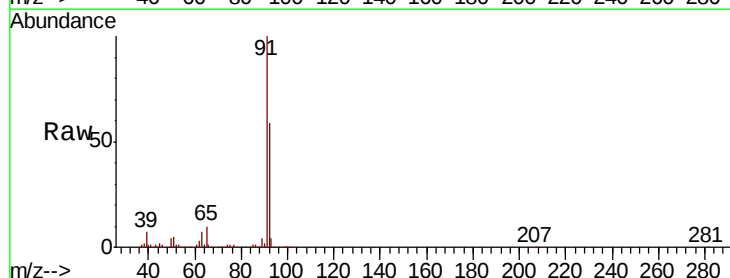
Acq: 11 Sep 2018 11:38

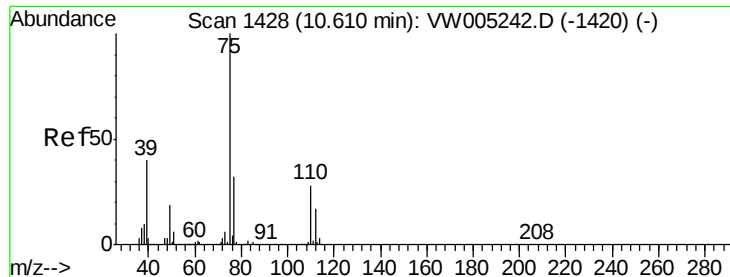
Tgt Ion: 92 Resp: 255816

Ion Ratio Lower Upper

92 100

91 173.1 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 20.17 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW005267.D

Acq: 11 Sep 2018 11:38

Instrument :

MSVOA_W

ClientSampleId :

VW0911SBS01

Tot Ion: 75 Resp: 107702

Ion Ratio Lower Upper

75 100

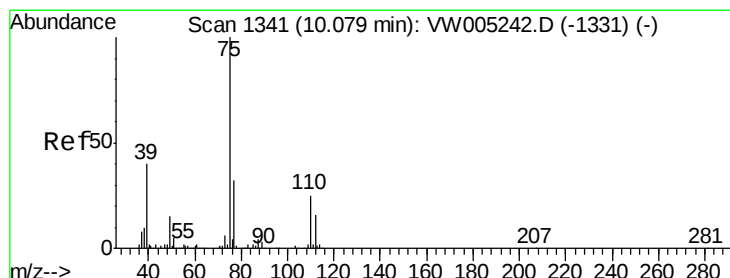
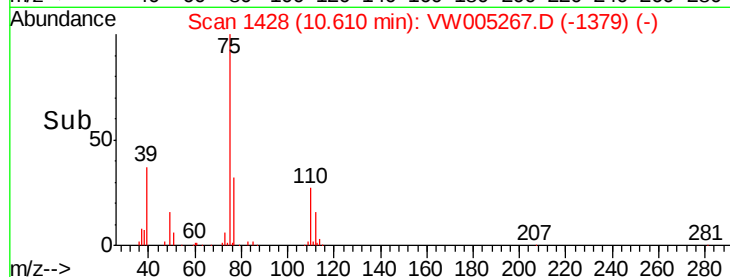
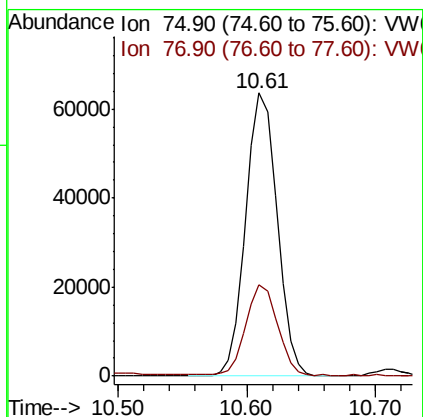
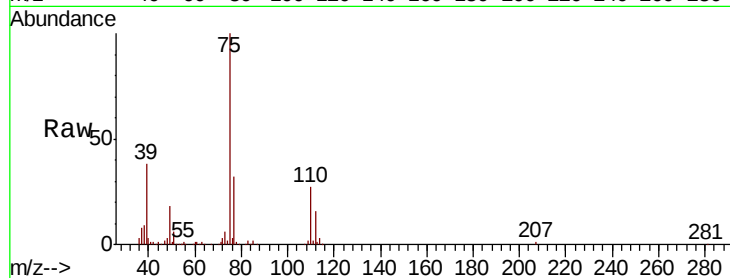
77 31.8 25.8 38.8

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#54

cis-1,3-Dichloropropene

Concen: 20.39 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. 0.00 min

Lab File: VW005267.D

Acq: 11 Sep 2018 11:38

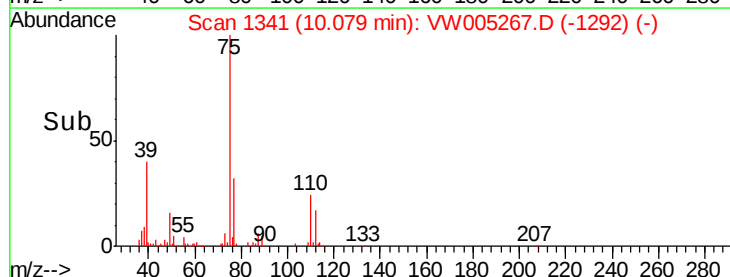
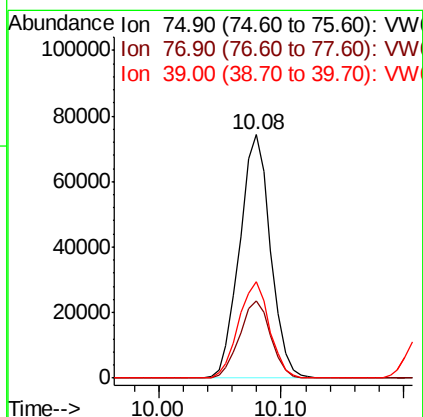
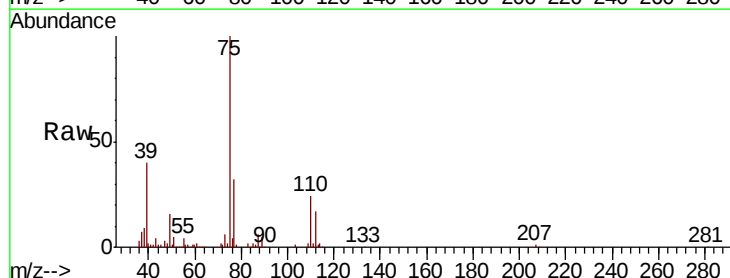
Tgt Ion: 75 Resp: 130366

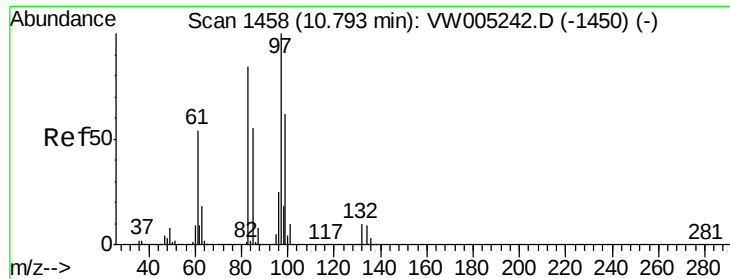
Ion Ratio Lower Upper

75 100

77 31.8 25.5 38.3

39 39.7 31.8 47.6





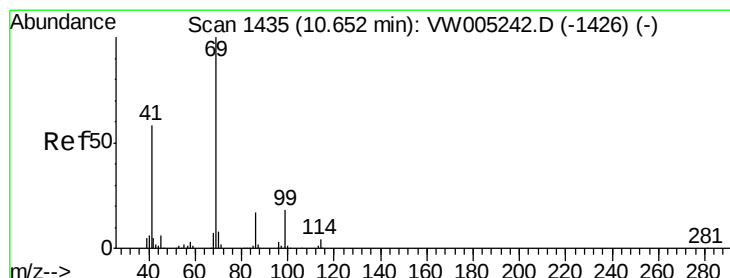
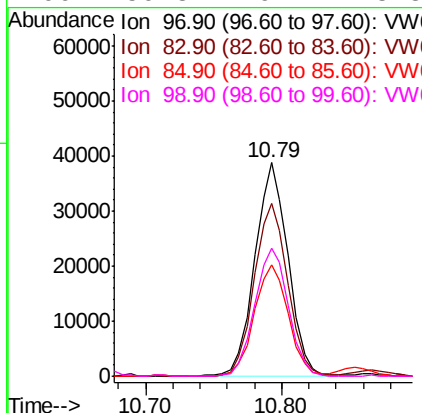
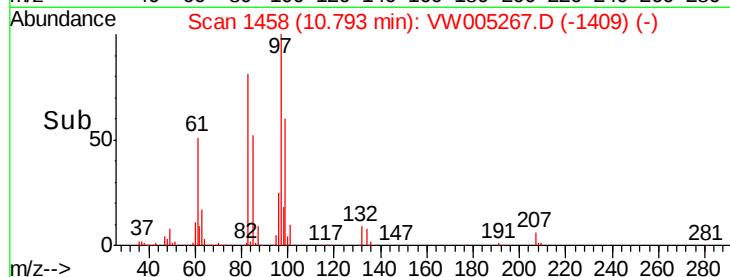
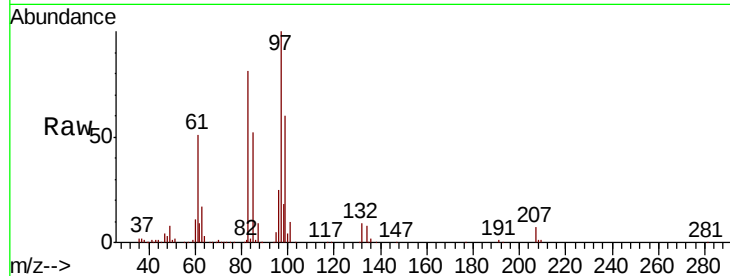
#55
 1,1,2-Trichloroethane
 Concen: 20.55 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW005267.D
 Acq: 11 Sep 2018 11:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0911SBS01

Tot Ion:	97	Resp:	66169
Ion	Ratio	Lower	Upper
97	100		
83	80.8	67.2	100.8
85	51.8	44.4	66.6
99	59.8	49.2	73.8

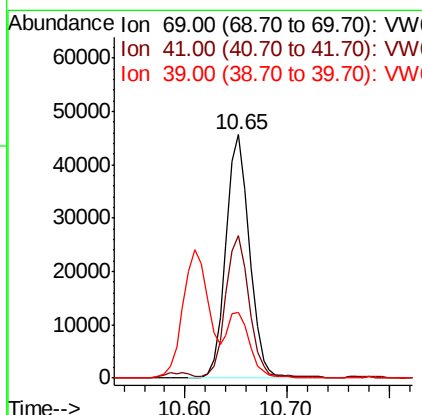
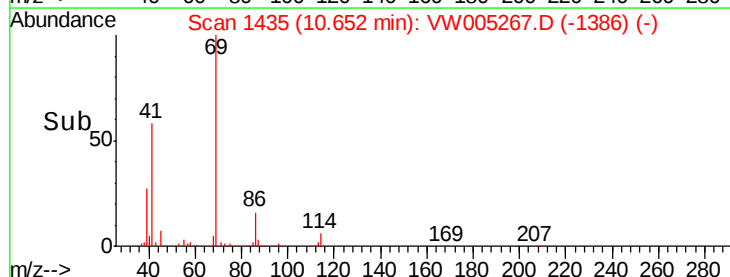
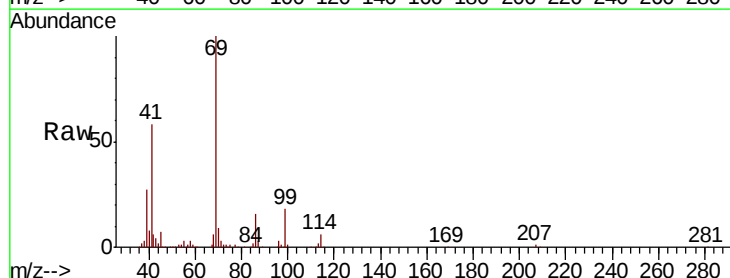
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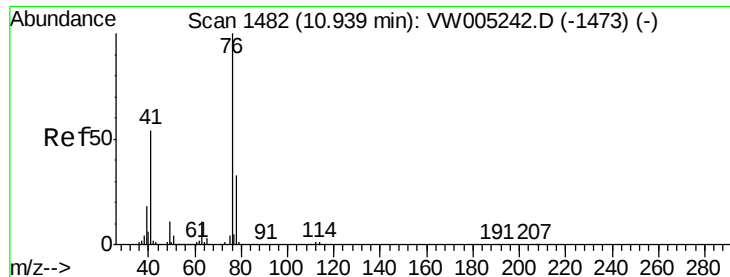
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#56
 Ethyl methacrylate
 Concen: 17.92 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: VW005267.D
 Acq: 11 Sep 2018 11:38

Tgt Ion:	69	Resp:	73173
Ion	Ratio	Lower	Upper
69	100		
41	58.5	48.7	73.1
39	25.9	20.9	31.3





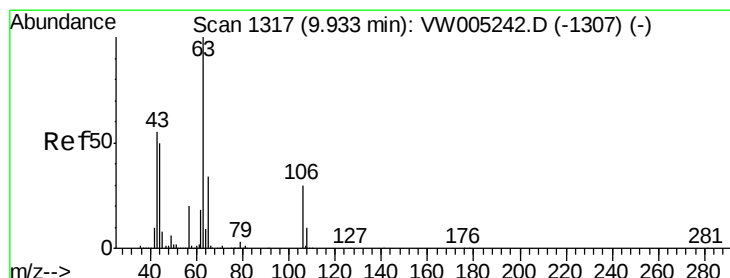
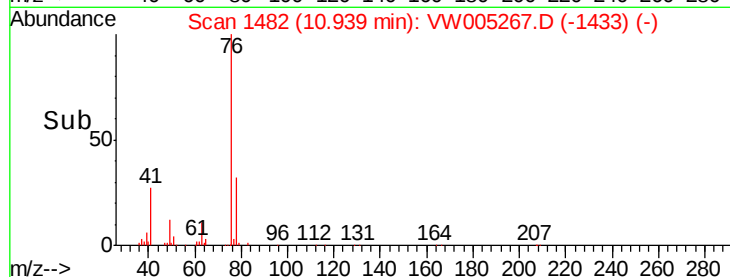
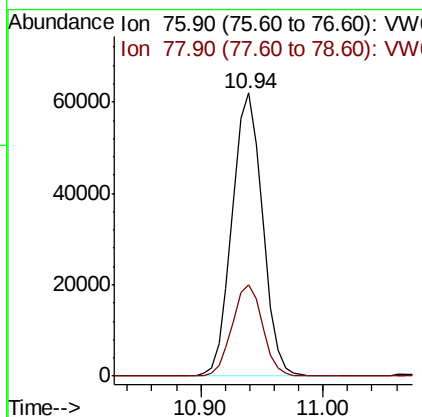
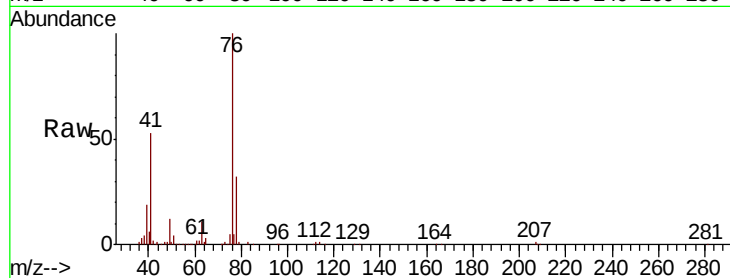
#57
 1,3-Dichloropropane
 Concen: 19.95 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. 0.00 min
 Lab File: VW005267.D
 Acq: 11 Sep 2018 11:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0911SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	26.0	39.0

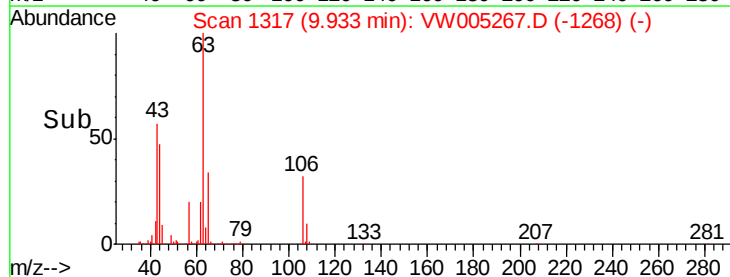
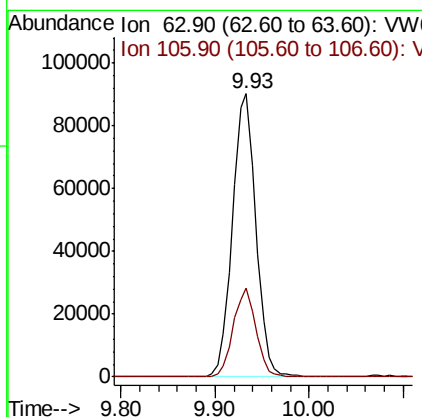
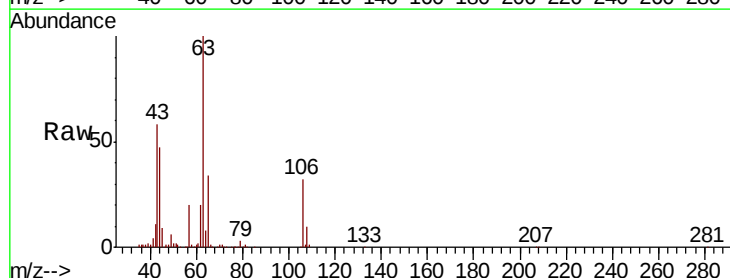
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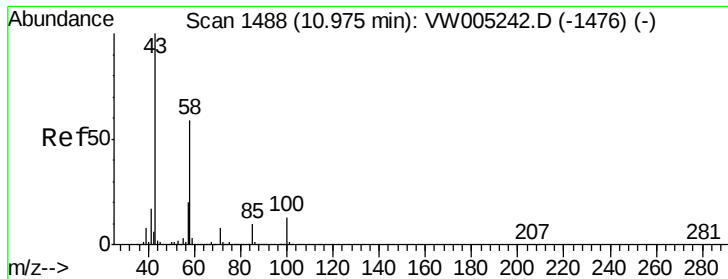
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#58
 2-Chloroethyl Vinyl ether
 Concen: 87.72 ug/l
 RT: 9.93 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VW005267.D
 Acq: 11 Sep 2018 11:38

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.5	23.4	35.0





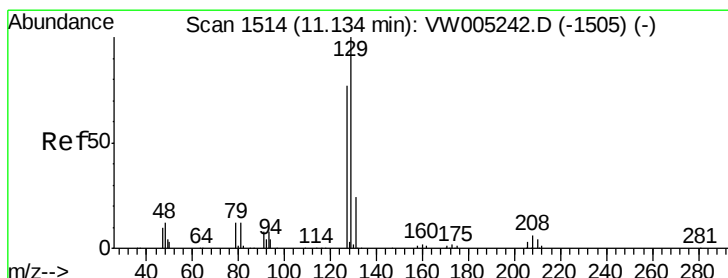
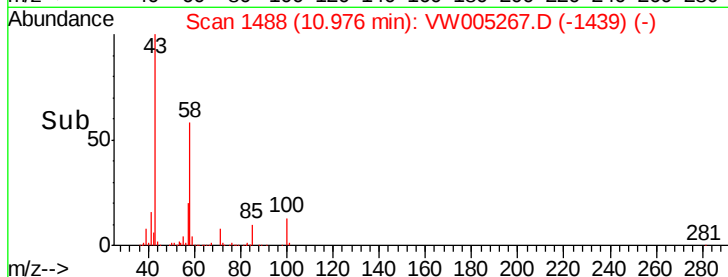
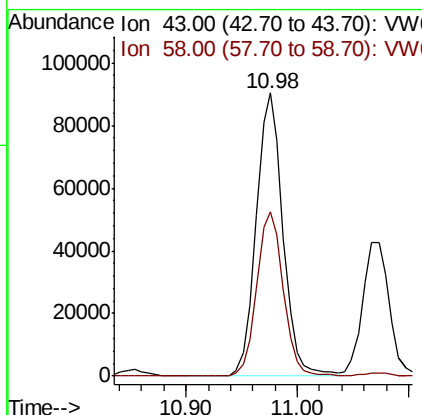
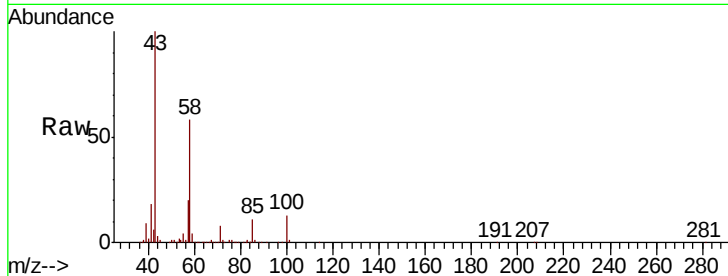
#59
2-Hexanone
Concen: 90.20 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW005267.D
Acq: 11 Sep 2018 11:38

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBS01

Tot Ion	43	Resp	150616
Ion Ratio	43	100	
Lower	58	58.0	29.3
Upper			87.9

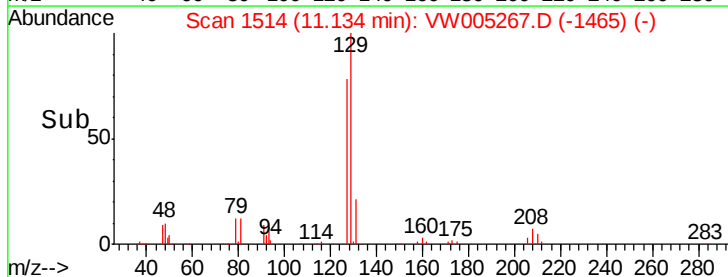
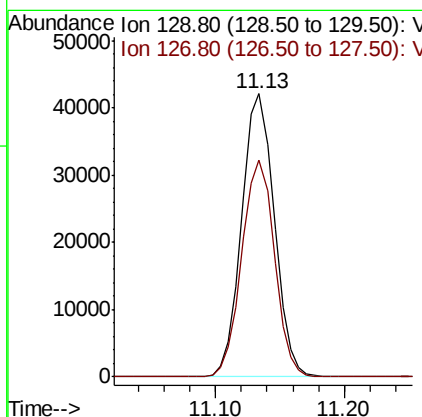
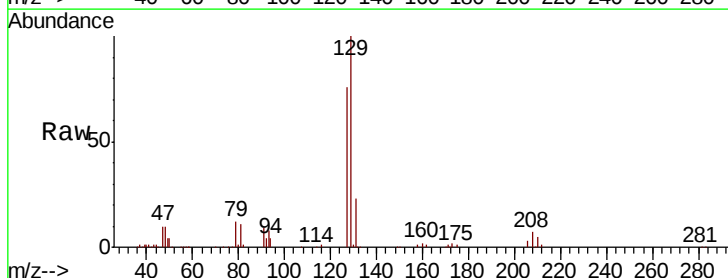
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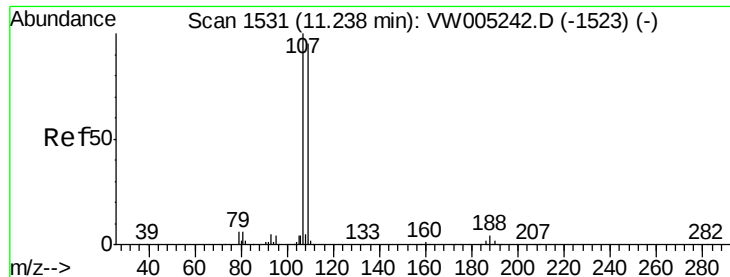
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#60
Dibromochloromethane
Concen: 20.71 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW005267.D
Acq: 11 Sep 2018 11:38

Tgt Ion	129	Resp	73999
Ion Ratio	129	100	
Lower	127	76.6	39.0
Upper			117.0





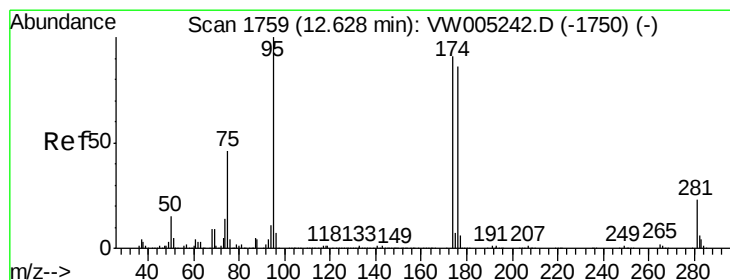
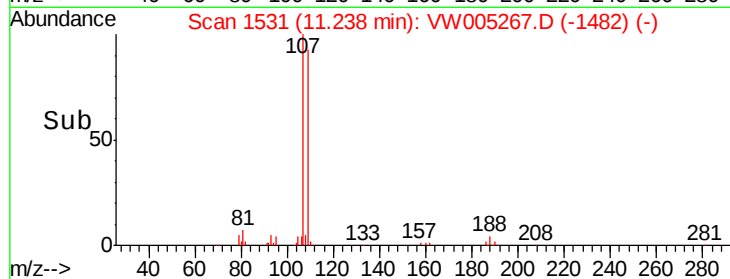
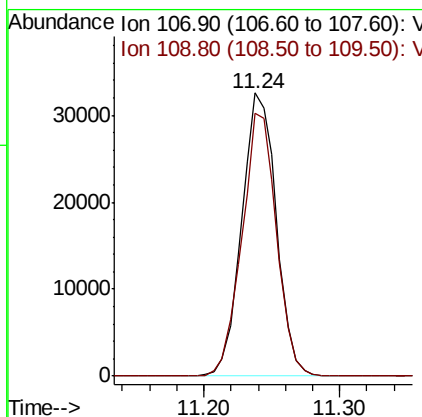
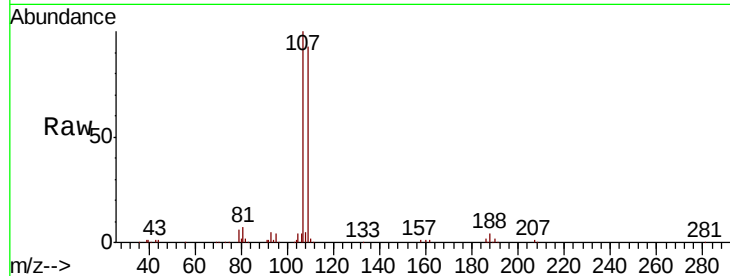
#61
 1,2-Dibromoethane
 Concen: 19.54 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW005267.D
 Acq: 11 Sep 2018 11:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0911SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.2	75.7	113.5

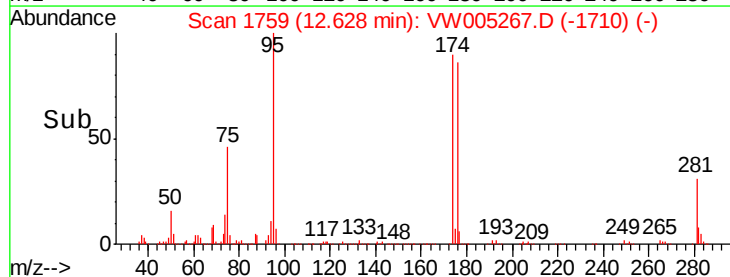
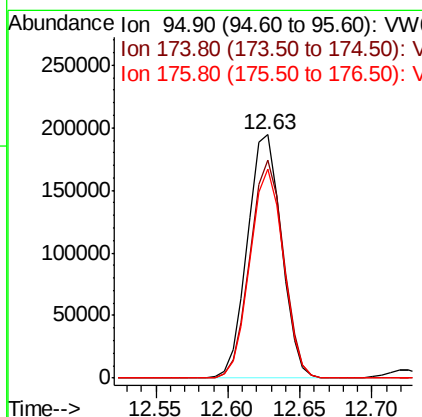
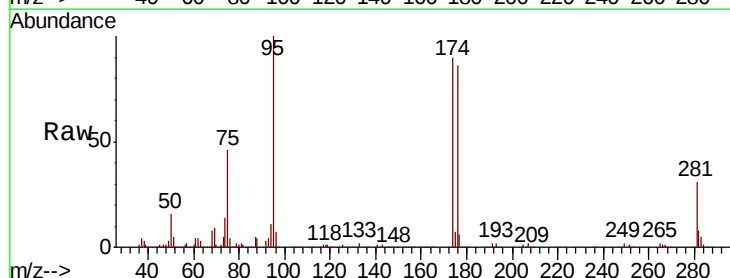
Manual Integrations
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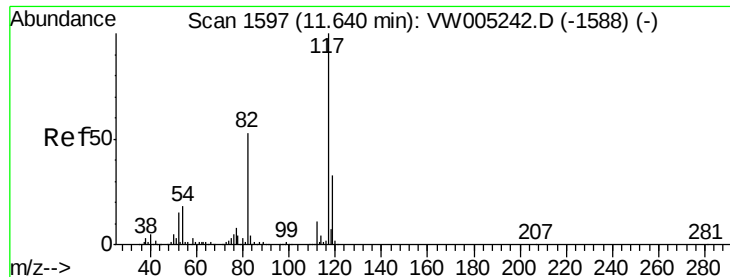
apatel
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#62
 4-Bromofluorobenzene
 Concen: 51.64 ug/l
 RT: 12.63 min Scan# 1759
 Delta R.T. 0.00 min
 Lab File: VW005267.D
 Acq: 11 Sep 2018 11:38

Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.3	0.0	174.6
176	84.6	0.0	167.6





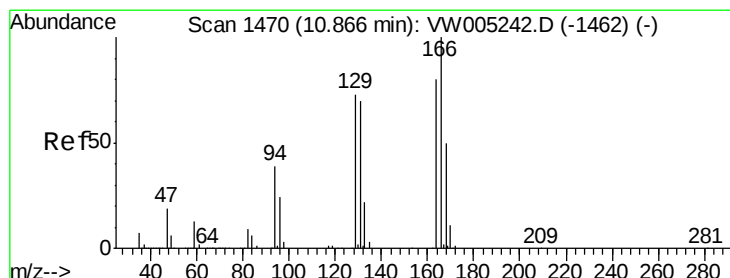
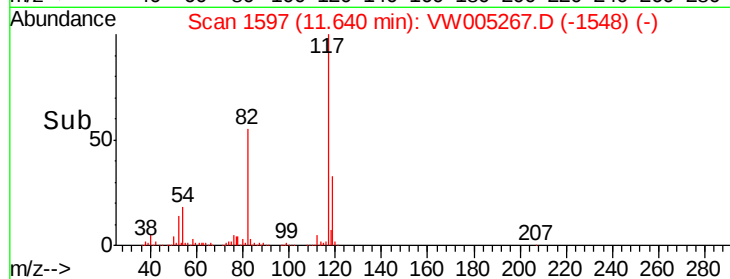
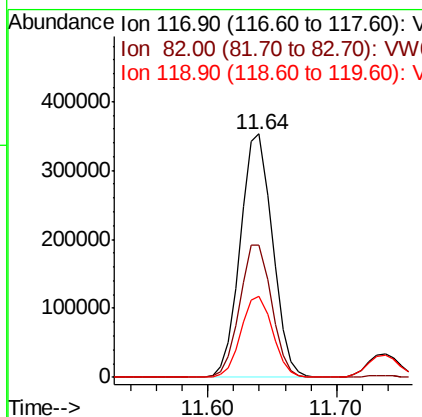
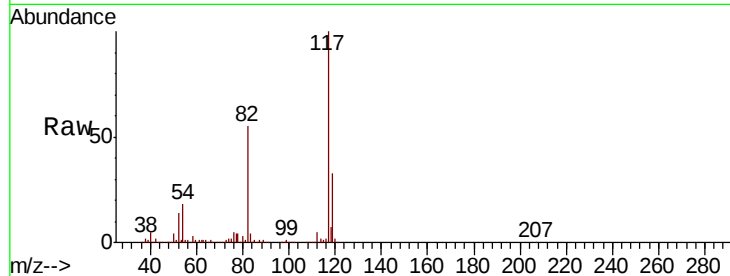
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.00 min
Lab File: VW005267.D
Acq: 11 Sep 2018 11:38

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	610247		
82	54.6		42.6	63.8
119	33.4		26.2	39.4

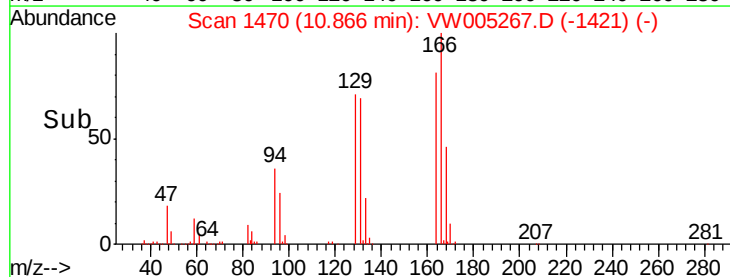
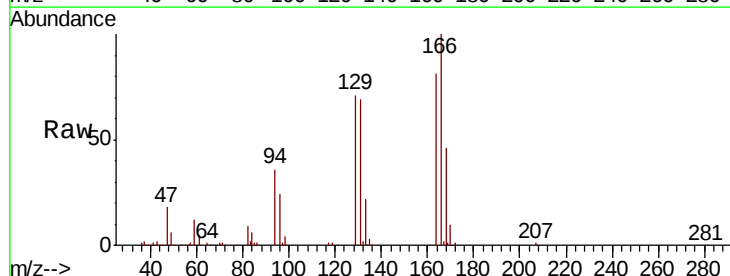
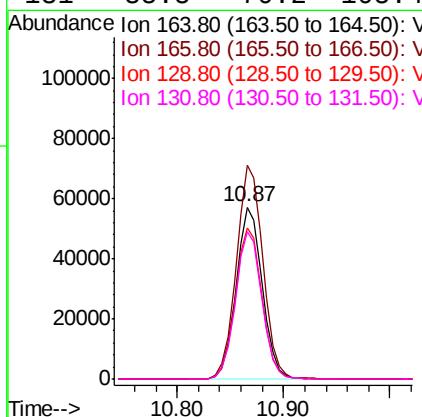
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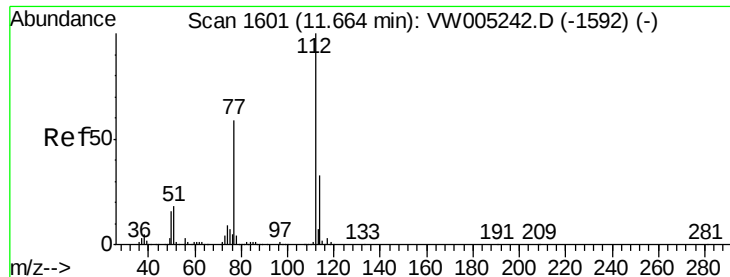
apatel
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#64
Tetrachloroethene
Concen: 21.74 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW005267.D
Acq: 11 Sep 2018 11:38

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	98407		
166	124.1		100.2	150.2
129	87.7		73.2	109.8
131	85.5		70.2	105.4





#65

Chlorobenzene

Concen: 21.34 ug/l

RT: 11.66 min Scan# 1601

Delta R.T. 0.00 min

Lab File: VW005267.D

Acq: 11 Sep 2018 11:38

Instrument :

MSVOA_W

ClientSampleId :

VW0911SBS01

Tot Ion:112 Resp: 285217

Ion Ratio Lower Upper

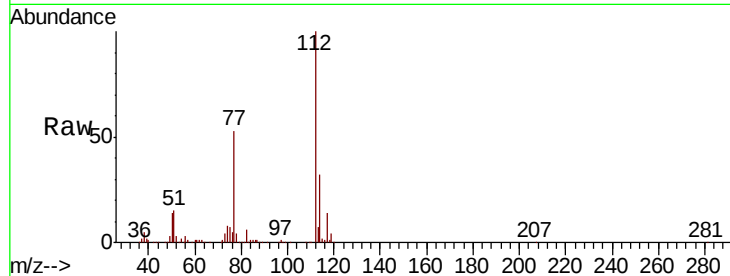
112 100

114 31.6 26.2 39.4

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

200000

150000

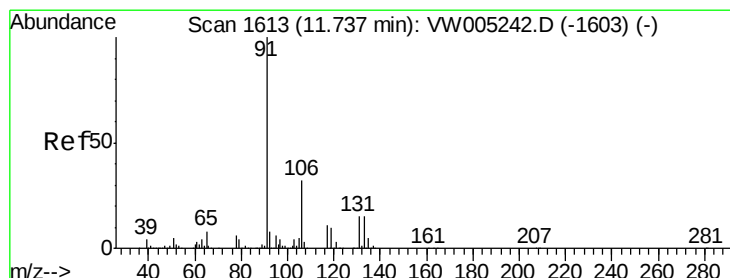
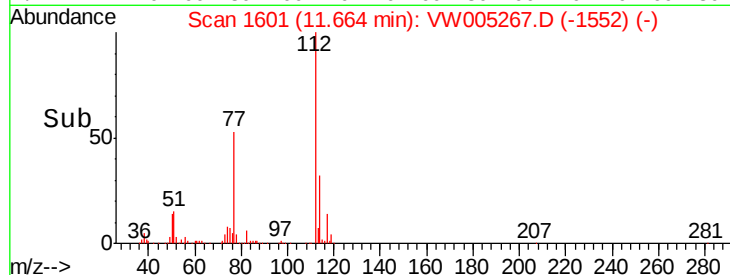
100000

50000

0

11.60 11.70

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 21.29 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. 0.00 min

Lab File: VW005267.D

Acq: 11 Sep 2018 11:38

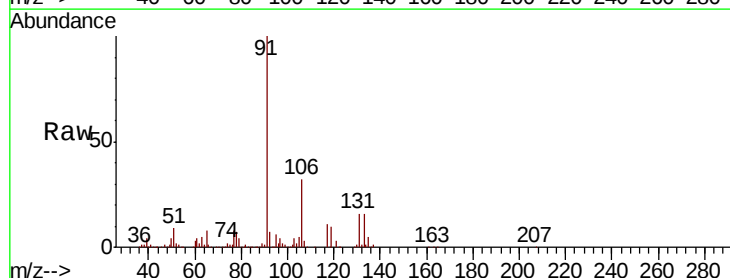
Tgt Ion:131 Resp: 84959

Ion Ratio Lower Upper

131 100

133 94.9 48.1 144.3

119 65.9 33.4 100.1



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

150000

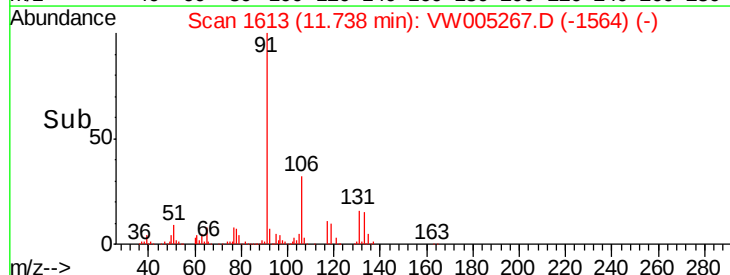
100000

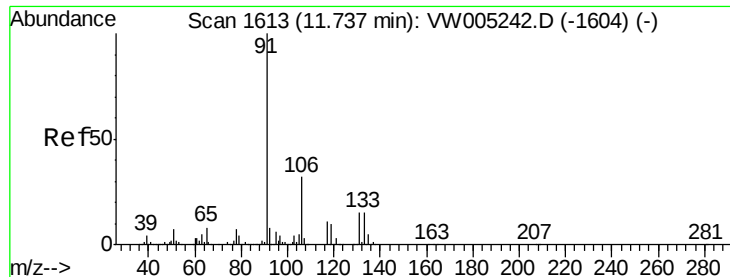
50000

0

11.65 11.70 11.75 11.80

Time-->





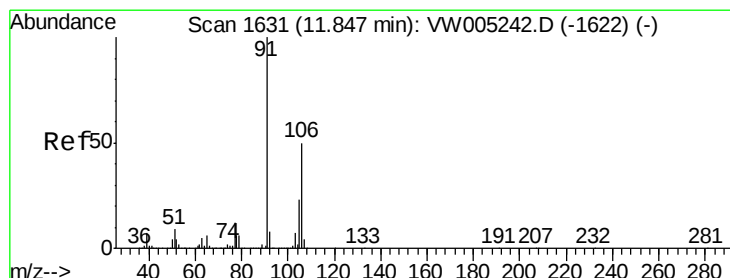
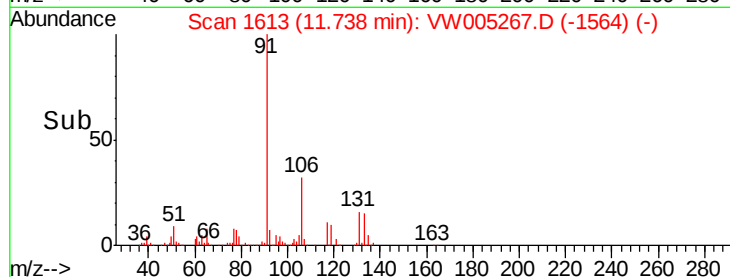
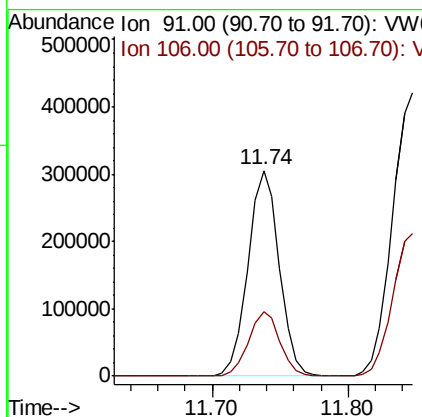
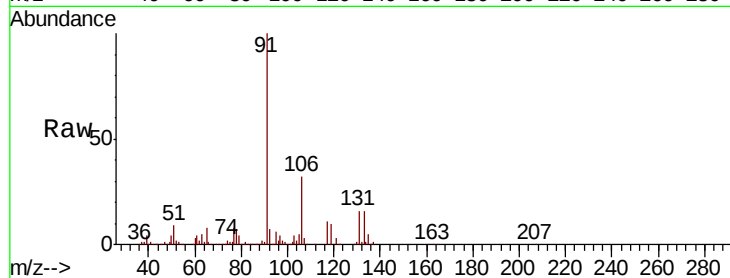
#67
Ethyl Benzene
Concen: 21.10 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW005267.D
Acq: 11 Sep 2018 11:38

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
106	31.6	25.6	38.4

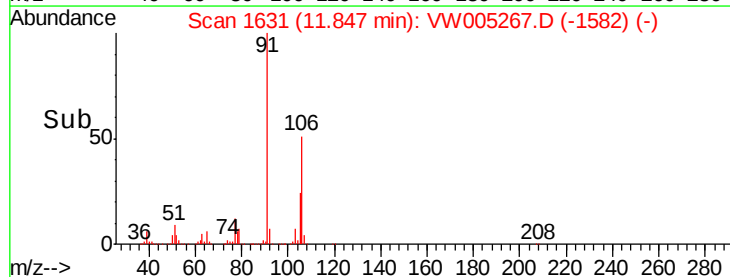
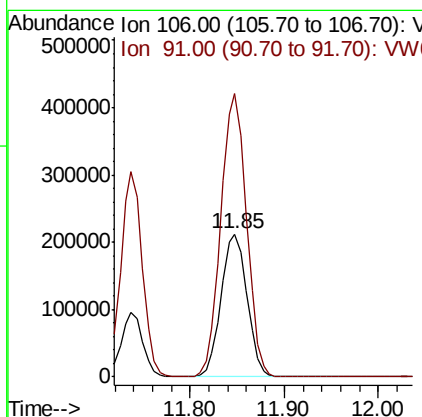
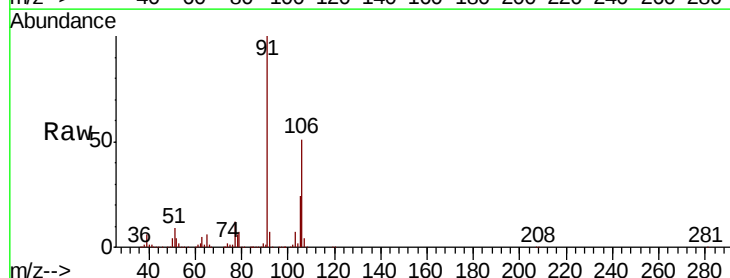
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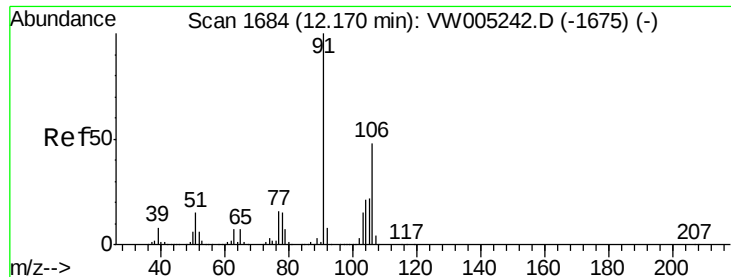
apatel
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#68
m/p-Xylenes
Concen: 43.29 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VW005267.D
Acq: 11 Sep 2018 11:38

Tgt Ion	Ratio	Lower	Upper
106	100		
91	195.4	160.2	240.2





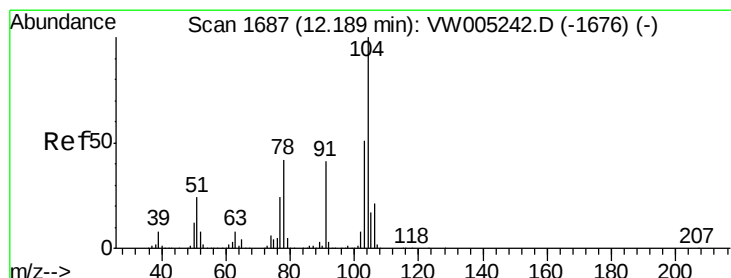
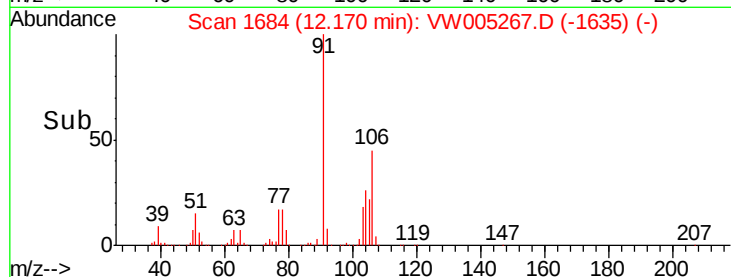
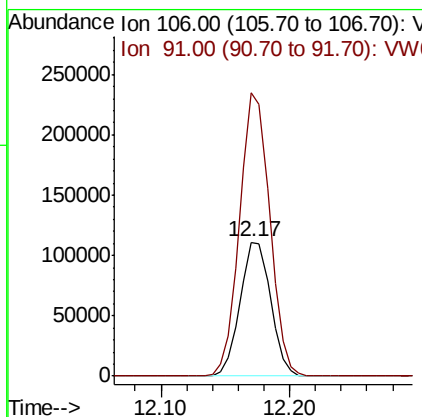
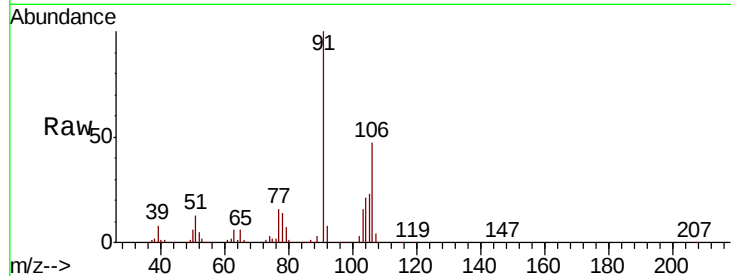
#69
o-Xylene
Concen: 20.97 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW005267.D
Acq: 11 Sep 2018 11:38

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	208.2	104.1	312.3

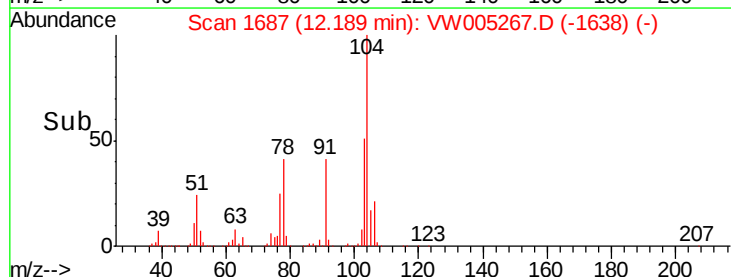
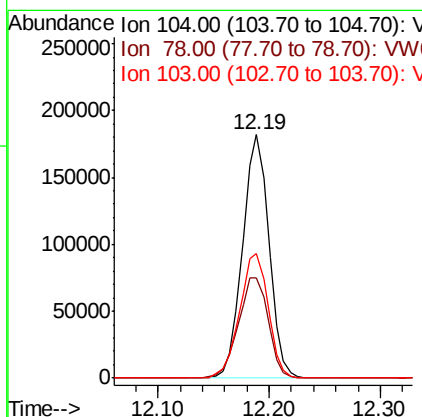
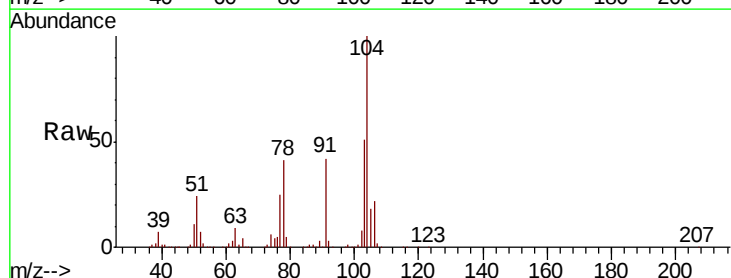
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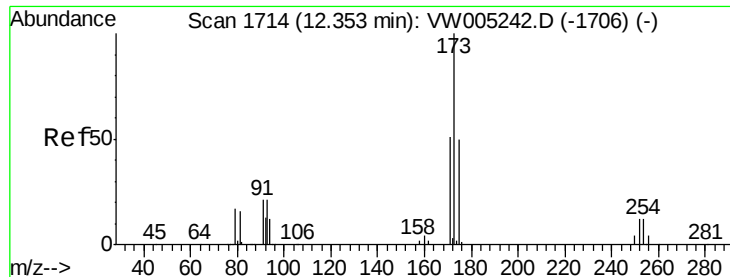
apatel
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#70
Styrene
Concen: 21.05 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VW005267.D
Acq: 11 Sep 2018 11:38

Tgt Ion	Ratio	Lower	Upper
104	100		
78	46.8	37.4	56.2
103	55.7	44.1	66.1





#71

Bromoform

Concen: 20.55 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW005267.D

Acq: 11 Sep 2018 11:38

Instrument :

MSVOA_W

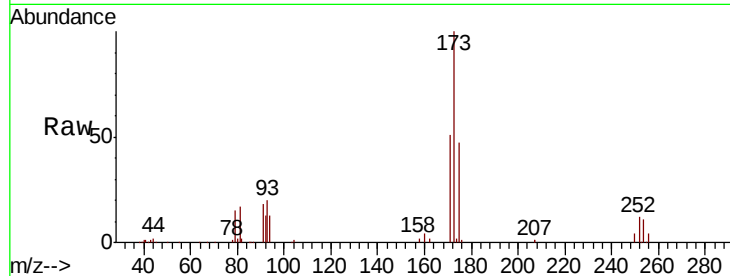
ClientSampleId :

VW0911SBS01

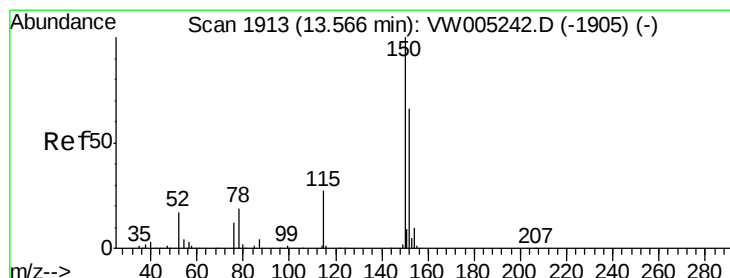
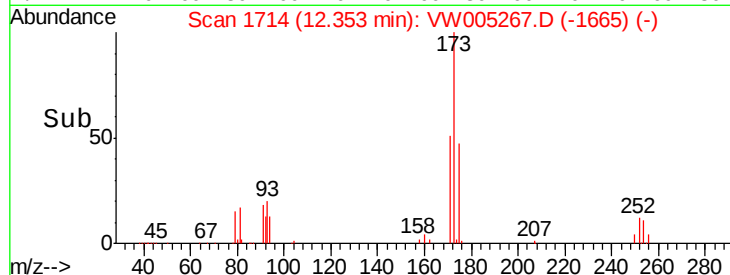
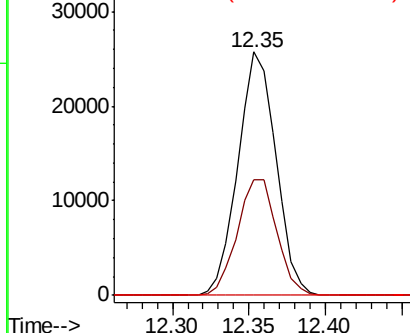
Tot Ion:	173	Resp:	44480
Ion Ratio	Lower	Upper	
173	100		
175	49.5	24.9	74.6
254	0.1	0.1	0.1

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

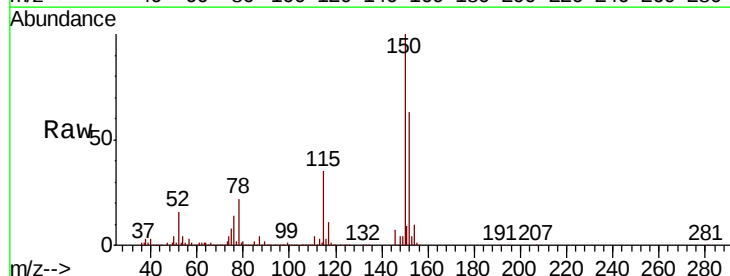
RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

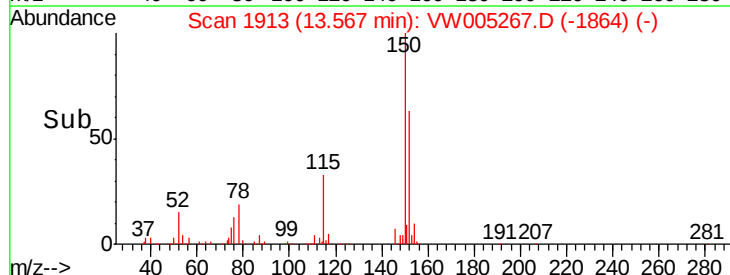
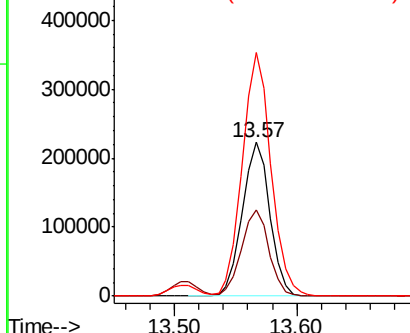
Lab File: VW005267.D

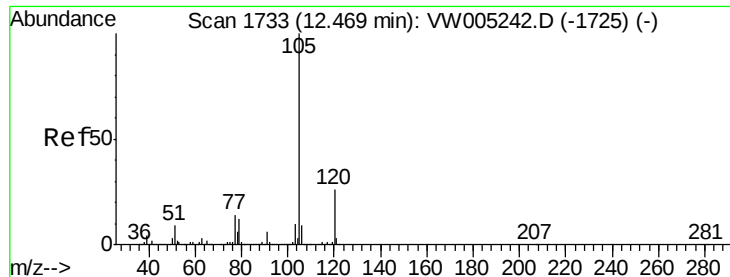
Acq: 11 Sep 2018 11:38

Tgt Ion:	152	Resp:	346893
Ion Ratio	Lower	Upper	
152	100		
115	55.9	27.5	82.4
150	165.6	0.0	347.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





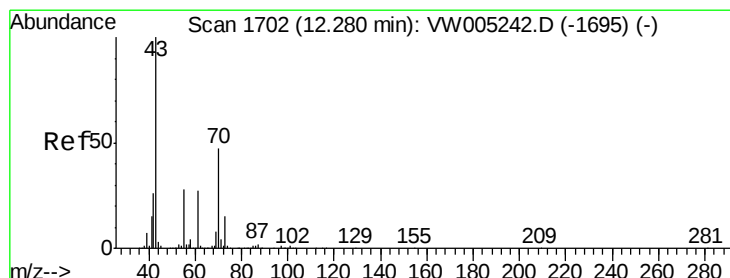
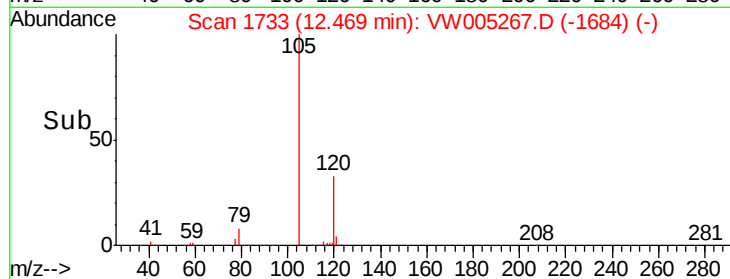
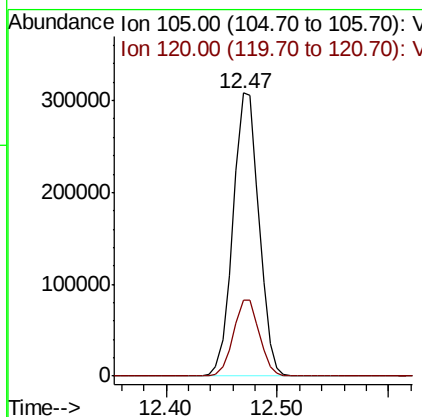
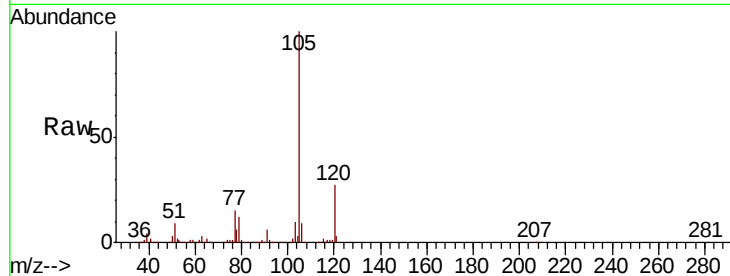
#73
Isopropylbenzene
Concen: 20.23 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW005267.D
Acq: 11 Sep 2018 11:38

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.0	13.4	40.1

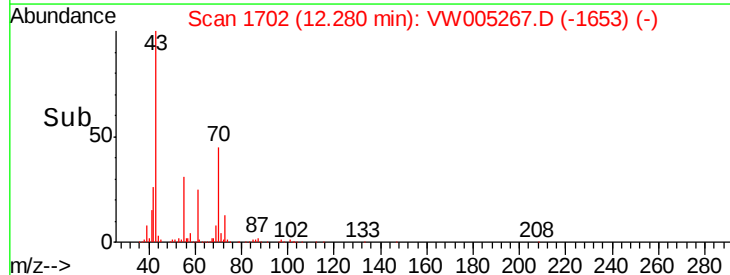
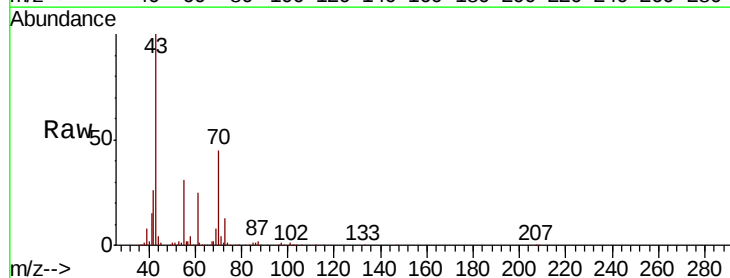
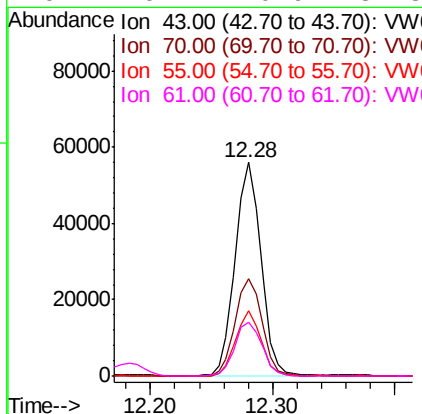
Manual Integrations
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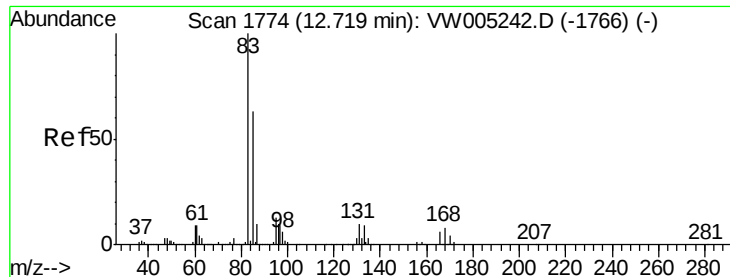
apatel
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#74
N-ethyl acetate
Concen: 17.64 ug/l
RT: 12.28 min Scan# 1702
Delta R.T. 0.00 min
Lab File: VW005267.D
Acq: 11 Sep 2018 11:38

Tgt Ion	Ratio	Lower	Upper
43	100		
70	47.1	37.9	56.9
55	29.8	22.6	33.8
61	26.2	20.9	31.3





#75

1,1,2,2-Tetrachloroethane

Concen: 18.54 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW005267.D

Acq: 11 Sep 2018 11:38

Instrument :

MSVOA_W

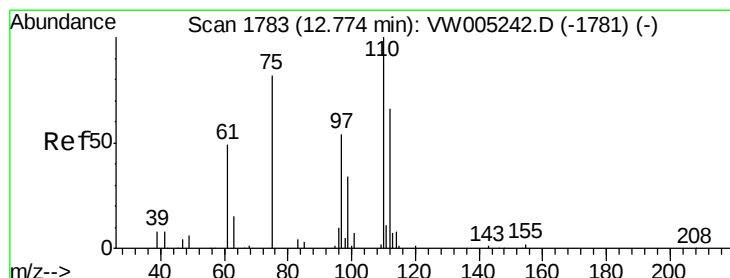
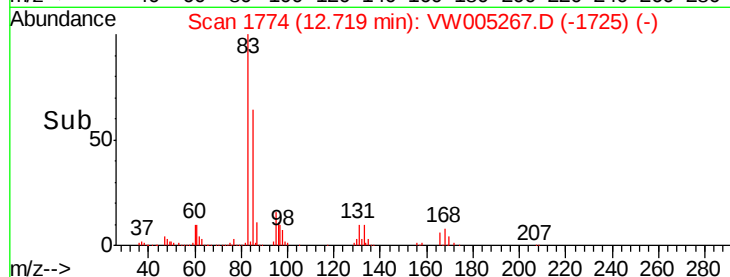
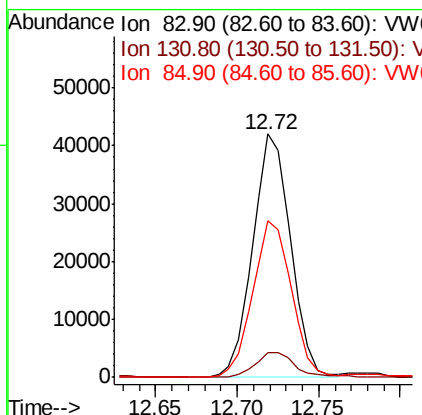
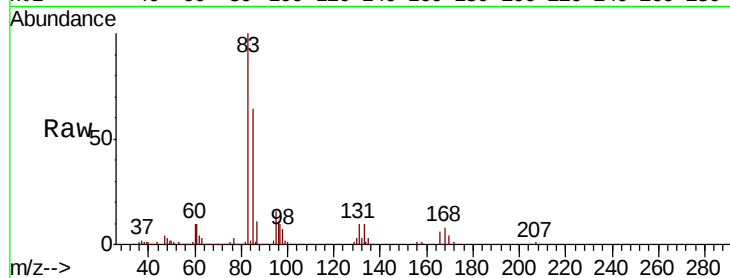
ClientSampleId :

VW0911SBS01

Tot Ion:	83	Resp:	68282
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.5	16.4
85	65.2	31.6	95.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 18.23 ug/l m

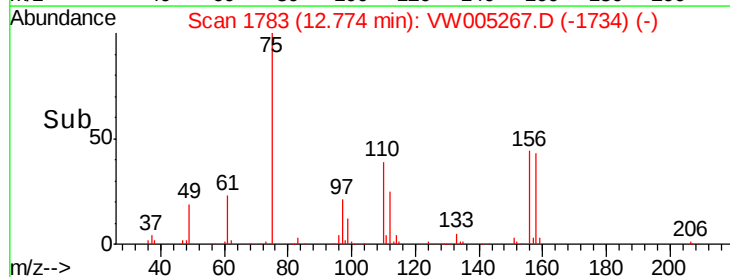
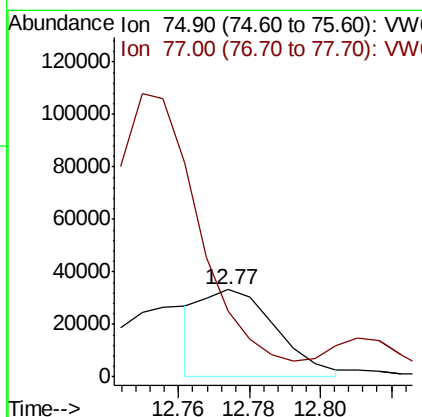
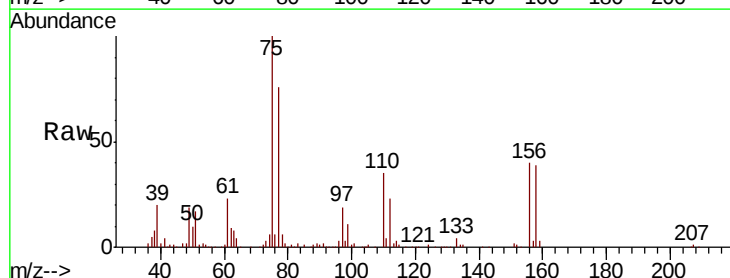
RT: 12.77 min Scan# 1783

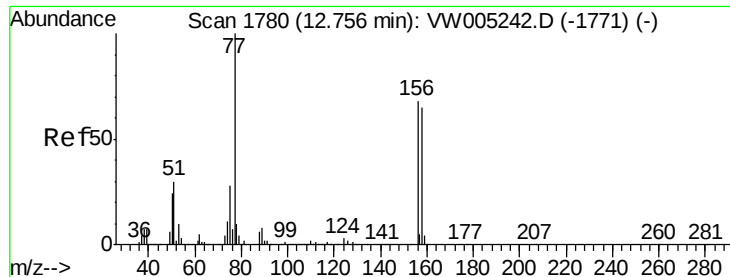
Delta R.T. 0.00 min

Lab File: VW005267.D

Acq: 11 Sep 2018 11:38

Tgt Ion:	75	Resp:	48638
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





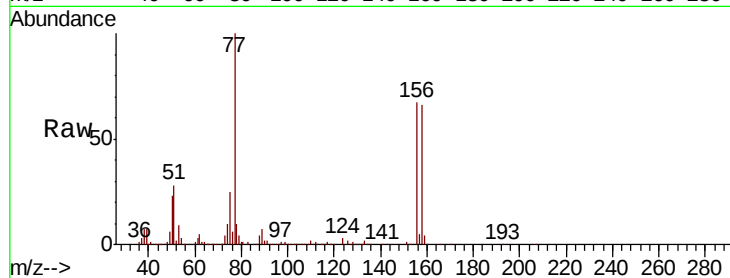
#77
Bromobenzene
Concen: 20.49 ug/l
RT: 12.76 min Scan# 1780
Delta R.T. 0.00 min
Lab File: VW005267.D
Acq: 11 Sep 2018 11:38

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	168.2	86.3	258.8
158	98.6	48.6	145.8

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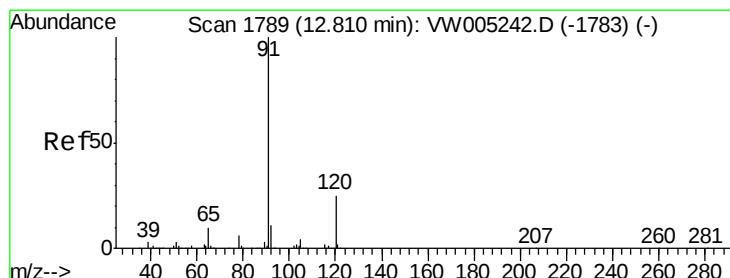
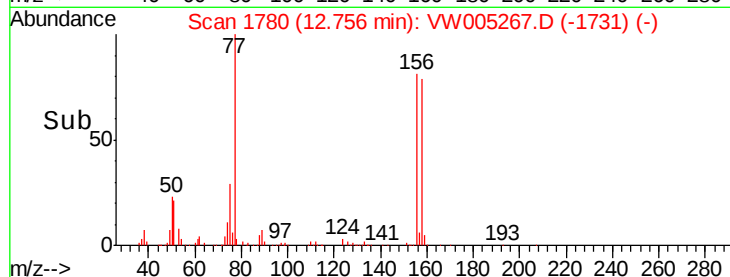
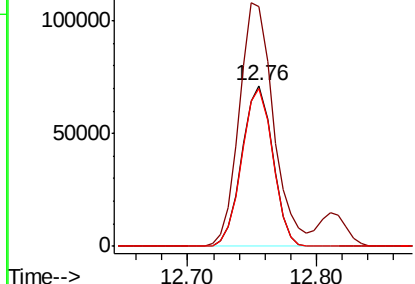


Abundance

Ion 155.80 (155.50 to 156.50): V

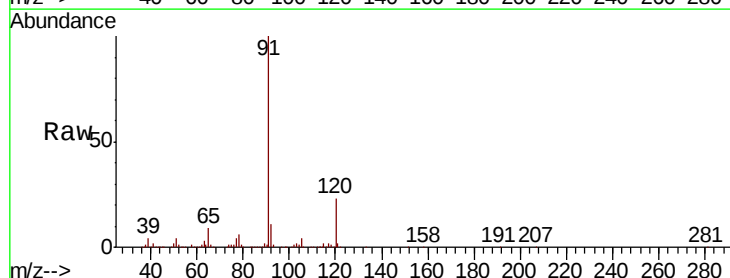
Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78
n-propylbenzene
Concen: 20.94 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VW005267.D
Acq: 11 Sep 2018 11:38

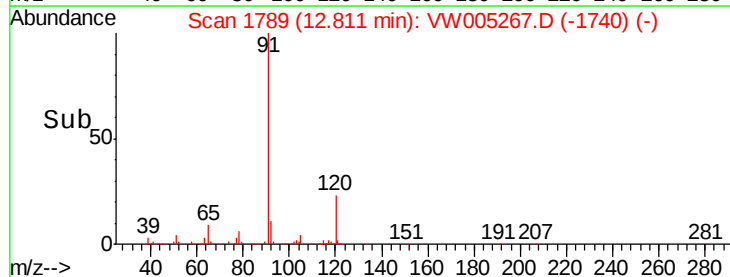
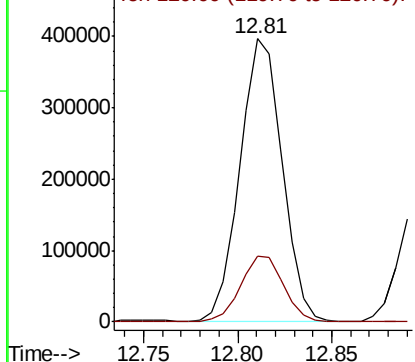
Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.6	12.0	36.0

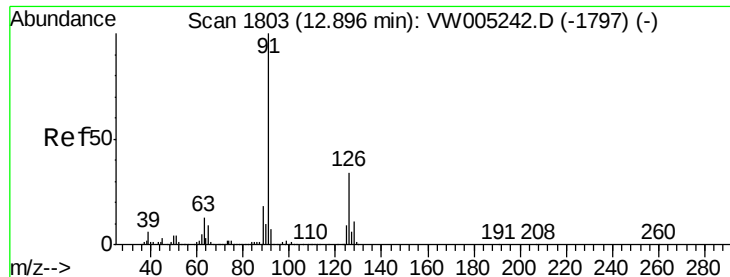


Abundance

Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.57 ug/l

RT: 12.90 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VW005267.D

Acq: 11 Sep 2018 11:38

Instrument :

MSVOA_W

ClientSampled :

VW0911SBS01

Tot Ion: 91 Resp: 347168

Ion Ratio Lower Upper

91 100

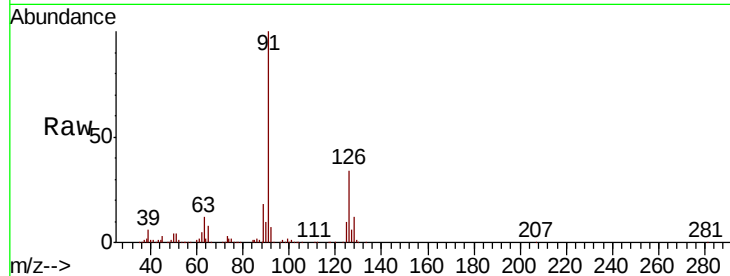
126 34.3 17.2 51.5

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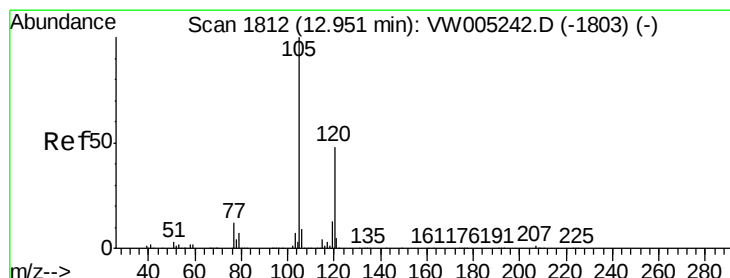
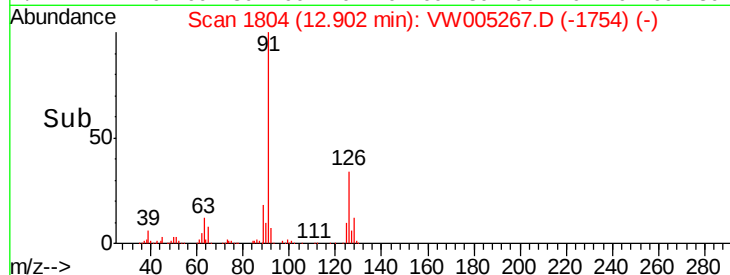
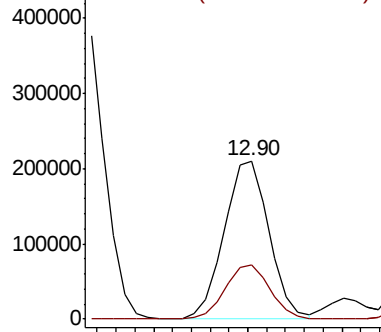
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.71 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW005267.D

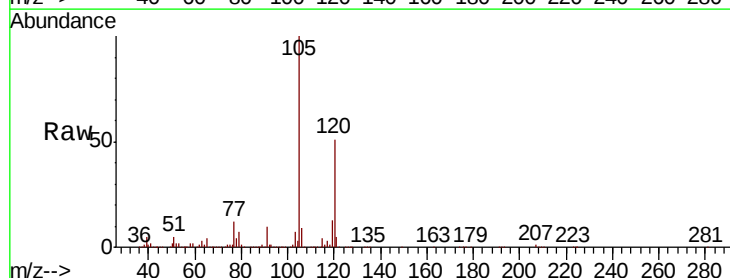
Acq: 11 Sep 2018 11:38

Tgt Ion: 105 Resp: 432205

Ion Ratio Lower Upper

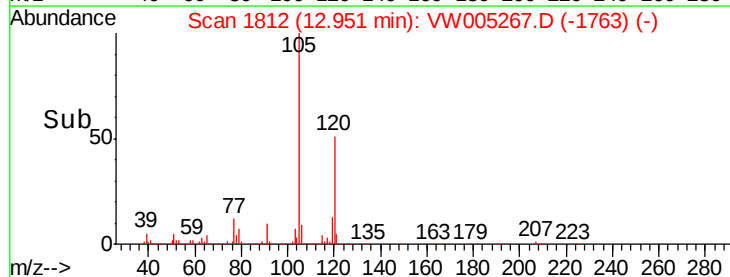
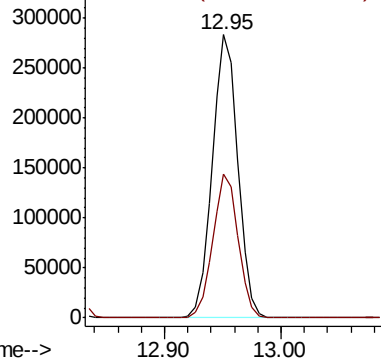
105 100

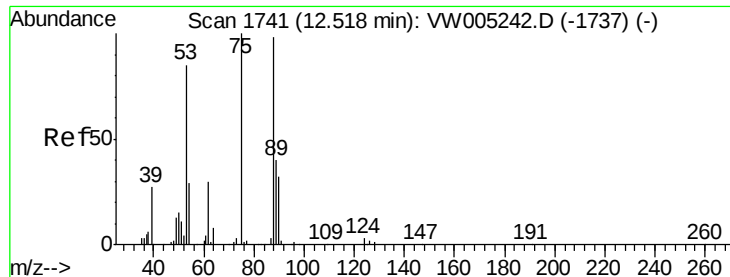
120 50.5 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 18.43 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW005267.D

Acq: 11 Sep 2018 11:38

Instrument :

MSVOA_W

ClientSampleId :

VW0911SBS01

Tot Ion: 75 Resp: 20973

Ion Ratio Lower Upper

75 100

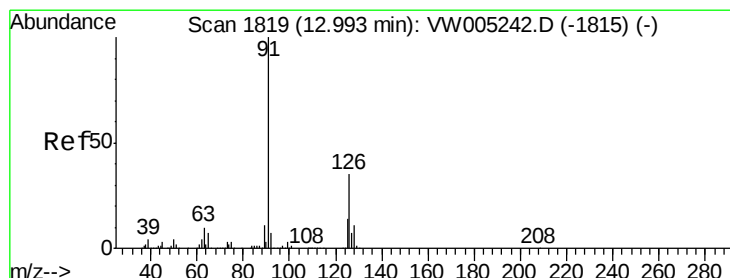
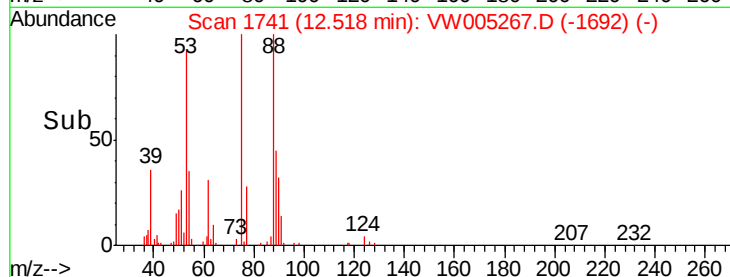
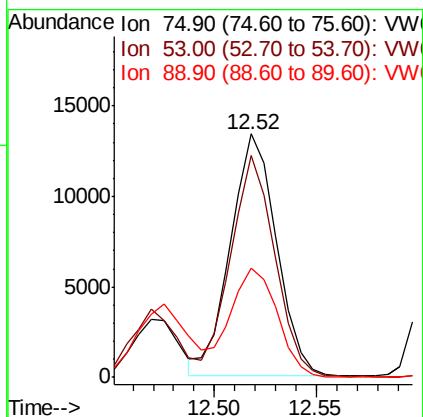
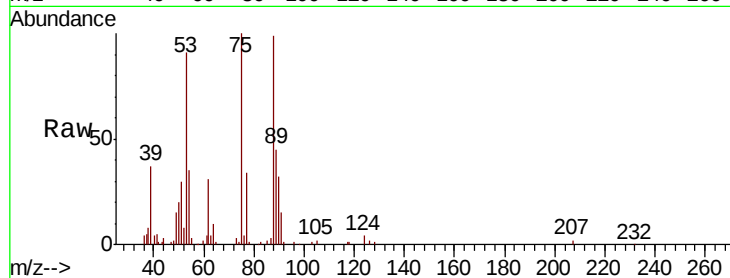
53 87.8 67.0 100.6

89 47.0 37.0 55.4

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#82

4-Chlorotoluene

Concen: 20.66 ug/l

RT: 13.00 min Scan# 1820

Delta R.T. 0.01 min

Lab File: VW005267.D

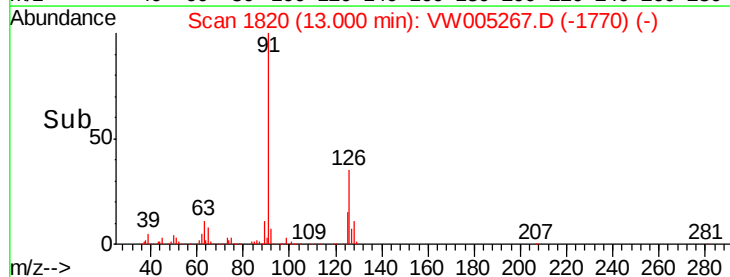
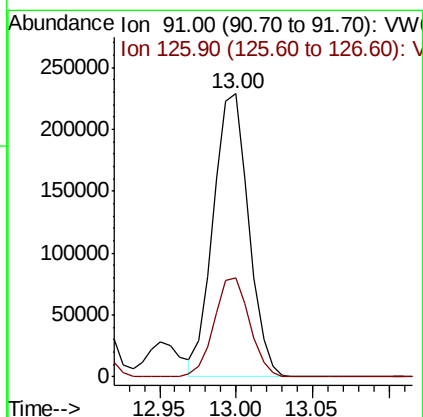
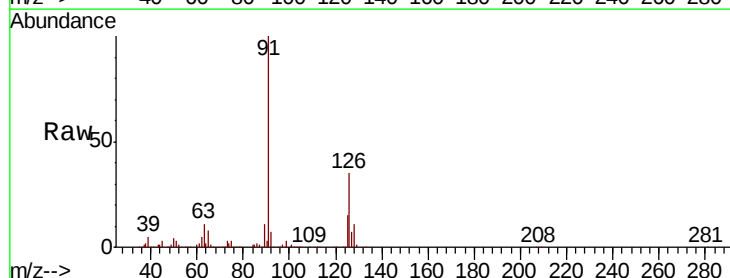
Acq: 11 Sep 2018 11:38

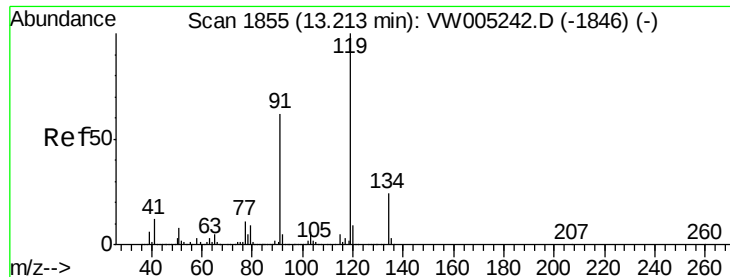
Tgt Ion: 91 Resp: 366632

Ion Ratio Lower Upper

91 100

126 35.4 17.5 52.5





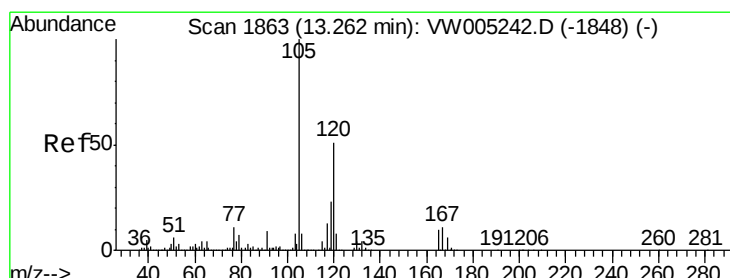
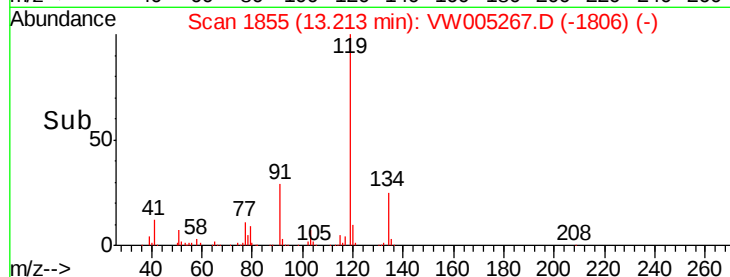
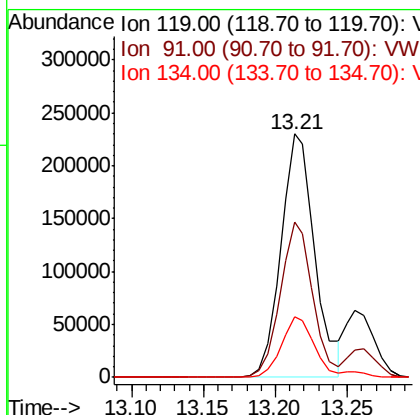
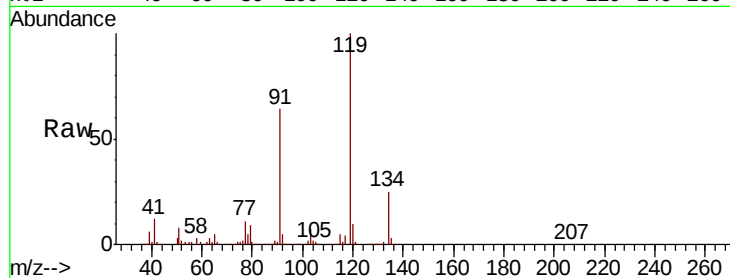
#83
tert-Butylbenzene
Concen: 20.71 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW005267.D
Acq: 11 Sep 2018 11:38

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.1	31.7	95.1
134	25.7	13.0	38.9

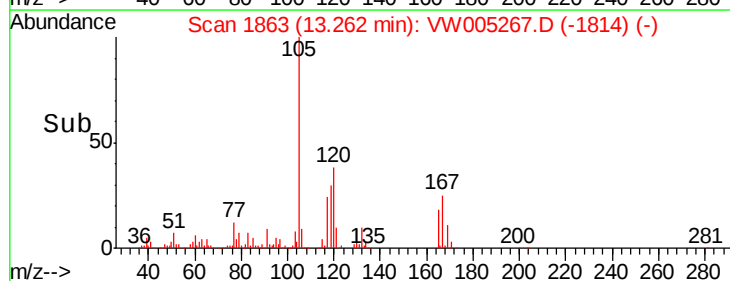
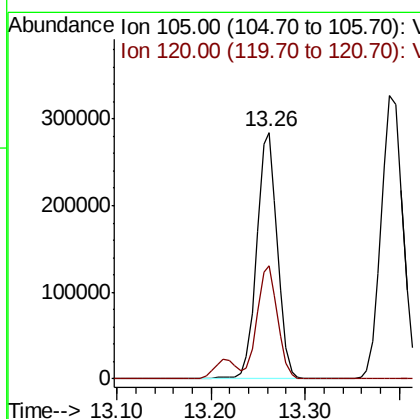
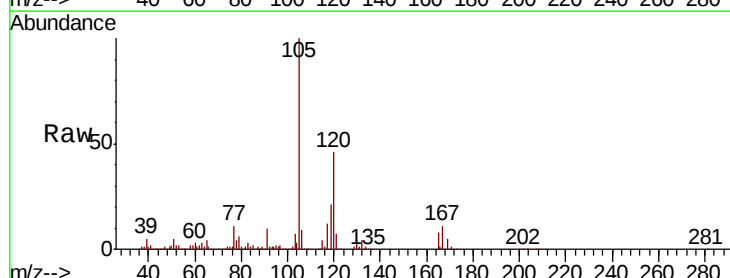
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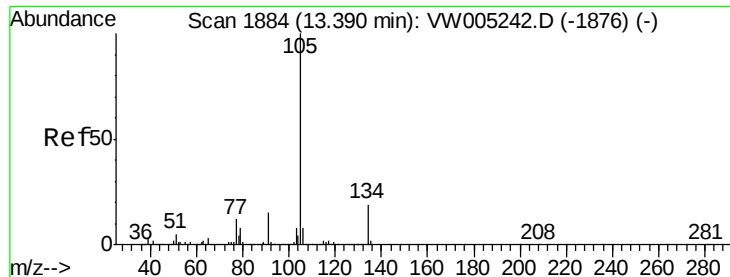
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#84
1,2,4-Trimethylbenzene
Concen: 20.90 ug/l
RT: 13.26 min Scan# 1863
Delta R.T. 0.00 min
Lab File: VW005267.D
Acq: 11 Sep 2018 11:38

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.7	23.4	70.3





#85

sec-Butylbenzene

Concen: 19.95 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW005267.D

Acq: 11 Sep 2018 11:38

Instrument :

MSVOA_W

ClientSampleId :

VW0911SBS01

Tot Ion:105 Resp: 523418

Ion Ratio Lower Upper

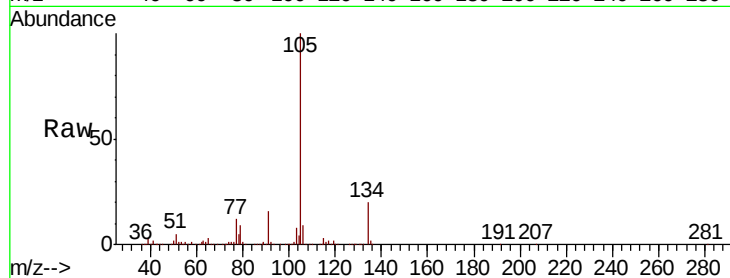
105 100

134 20.6 9.9 29.7

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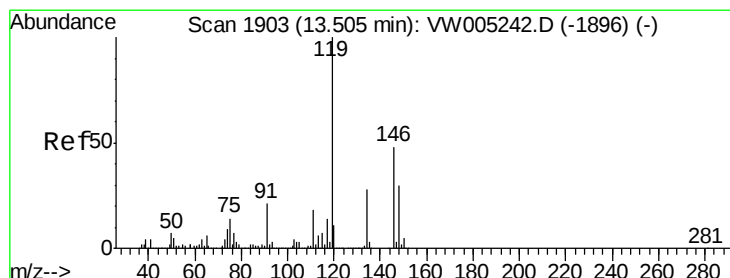
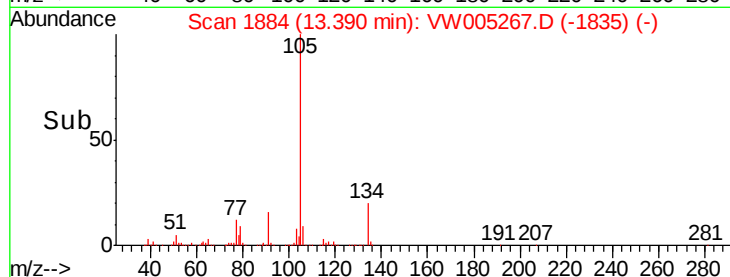
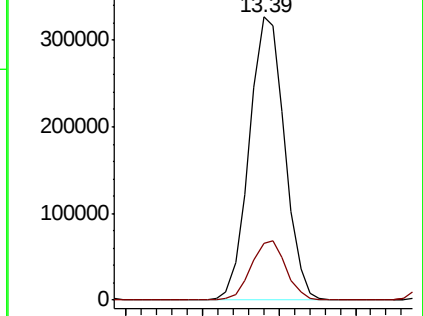
apatel

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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: 20.66 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW005267.D

Acq: 11 Sep 2018 11:38

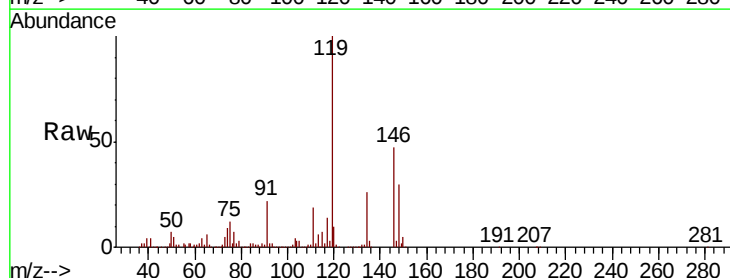
Tgt Ion:119 Resp: 479895

Ion Ratio Lower Upper

119 100

134 26.2 13.2 39.5

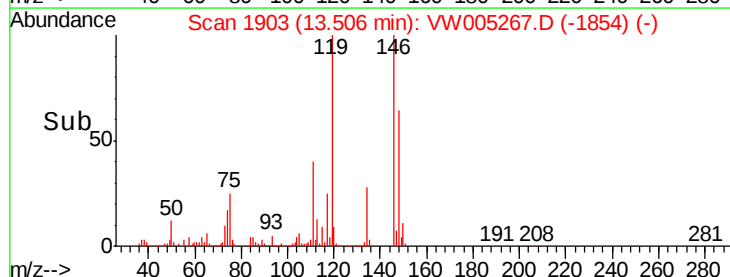
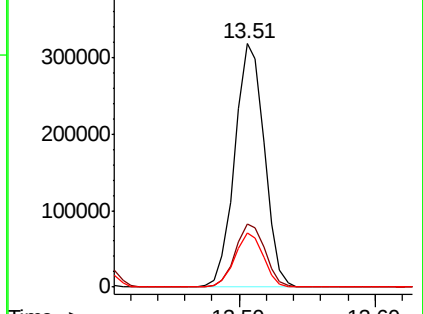
91 21.6 10.7 32.1

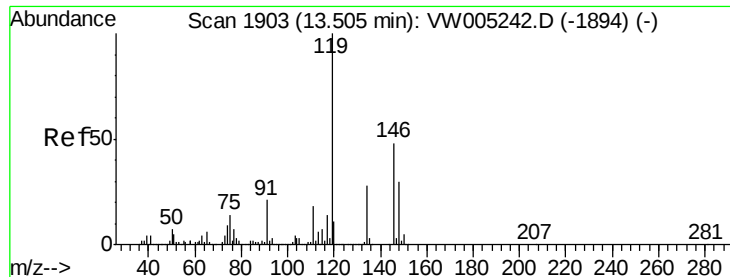


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





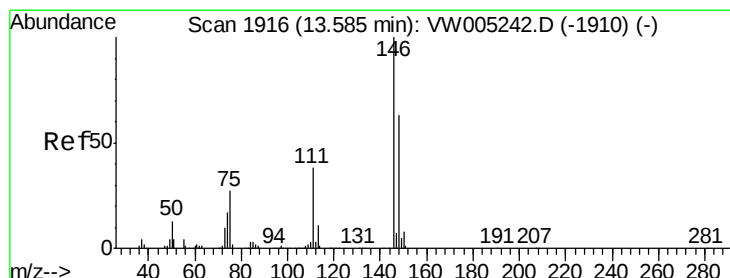
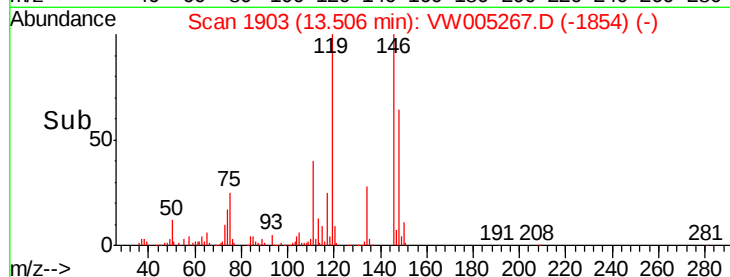
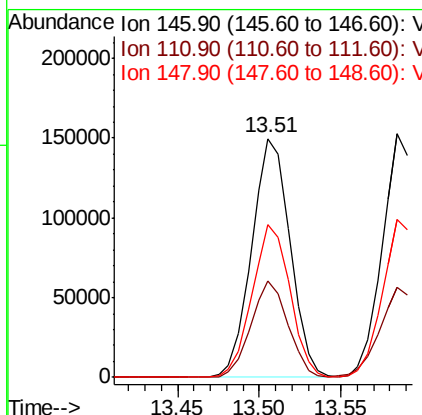
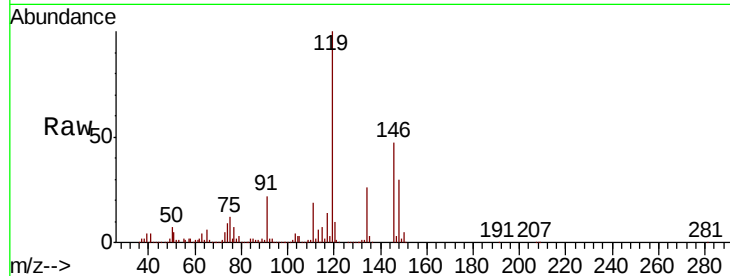
#87
 1,3-Dichlorobenzene
 Concen: 20.18 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW005267.D
 Acq: 11 Sep 2018 11:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0911SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	244681		
111	39.1	18.8	56.3	
148	63.4	31.6	94.8	

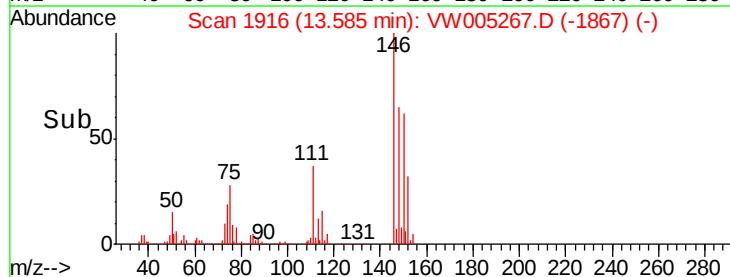
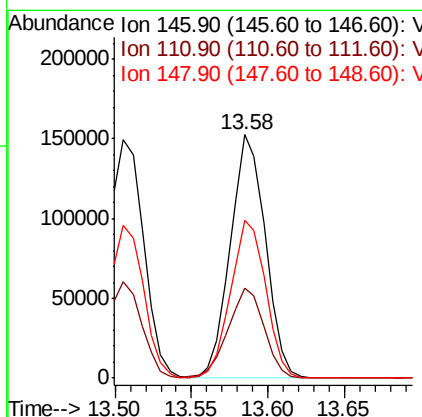
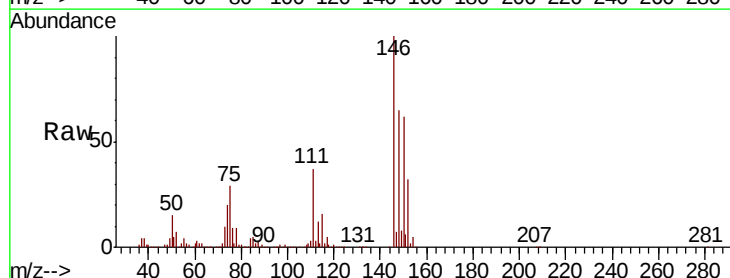
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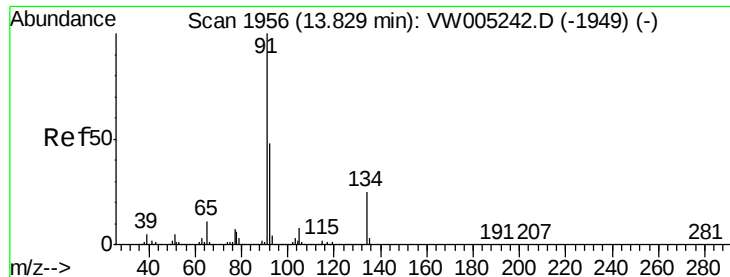
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#88
 1,4-Dichlorobenzene
 Concen: 20.37 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW005267.D
 Acq: 11 Sep 2018 11:38

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	242560		
111	38.2	19.1	57.3	
148	65.1	32.3	96.9	





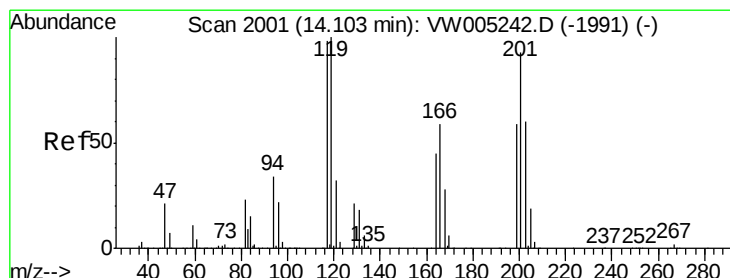
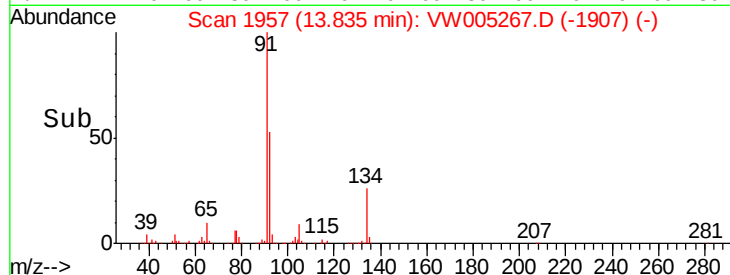
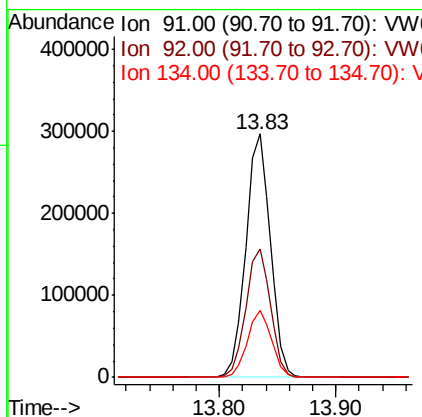
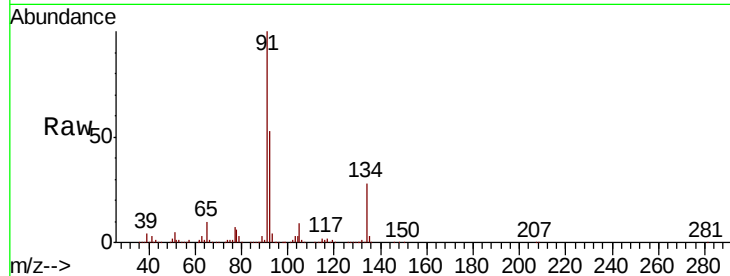
#89
n-Butylbenzene
Concen: 20.02 ug/l
RT: 13.83 min Scan# 1957
Delta R.T. 0.01 min
Lab File: VW005267.D
Acq: 11 Sep 2018 11:38

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	437111		
92	52.9	25.8	77.3	
134	27.1	13.6	40.8	

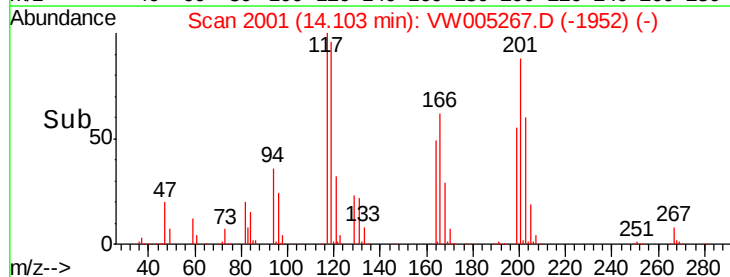
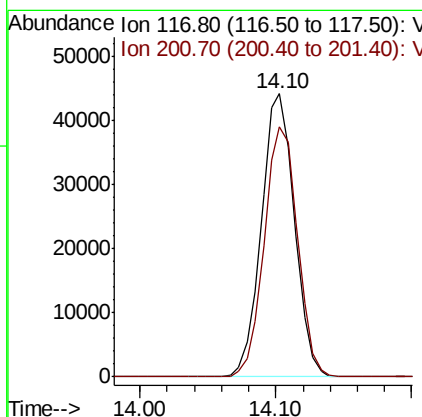
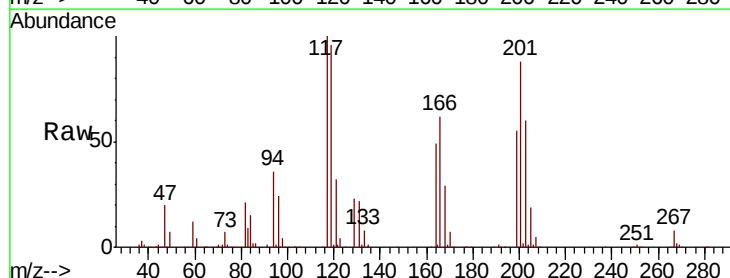
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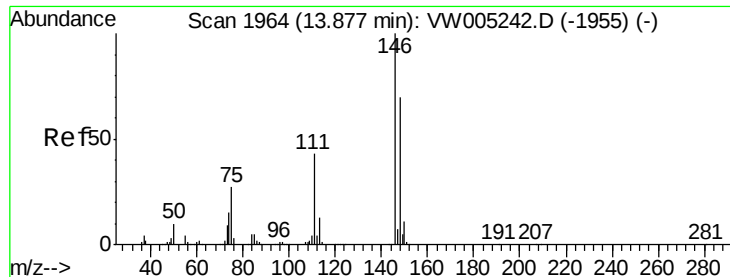
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#90
Hexachloroethane
Concen: 20.27 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. 0.00 min
Lab File: VW005267.D
Acq: 11 Sep 2018 11:38

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	75414		
201	88.5	44.0	132.1	





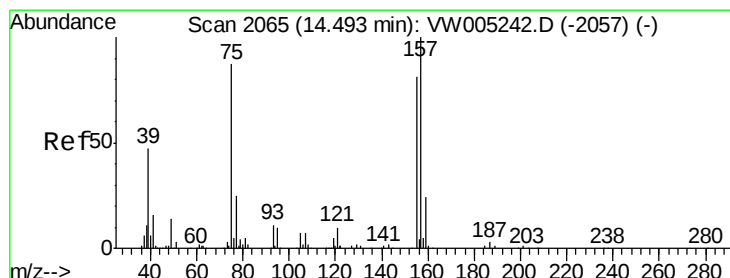
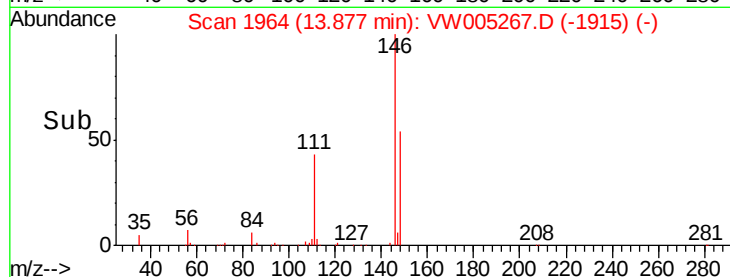
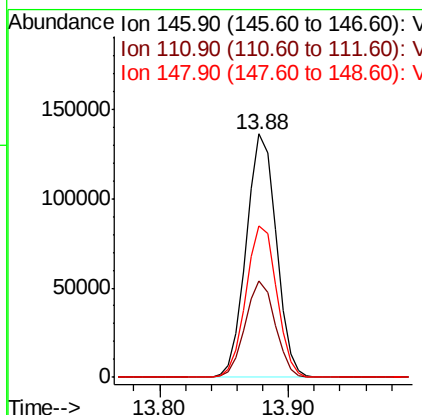
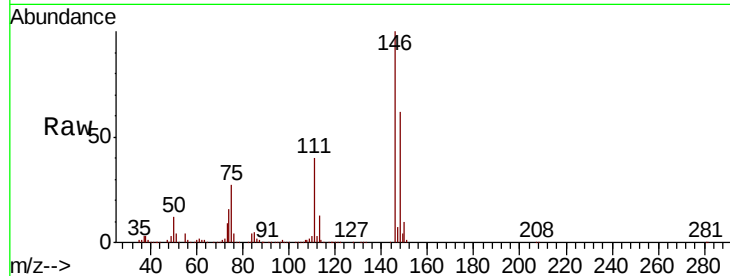
#91
 1,2-Dichlorobenzene
 Concen: 20.52 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW005267.D
 Acq: 11 Sep 2018 11:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0911SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	20.5	61.5
148	63.6	32.7	98.1

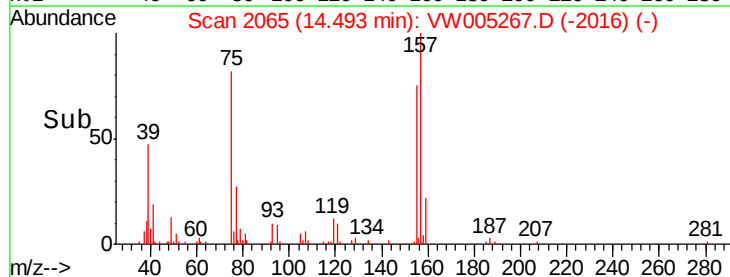
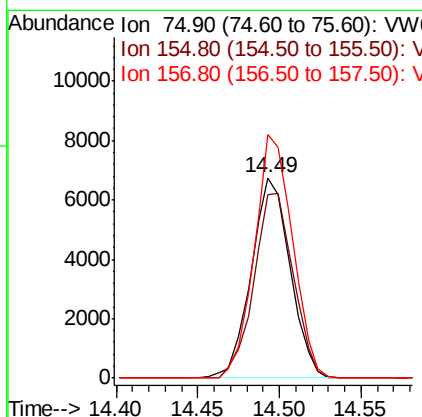
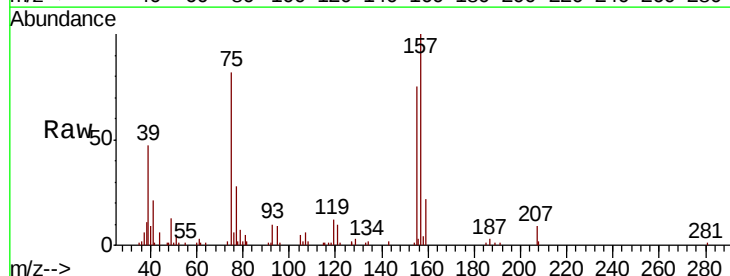
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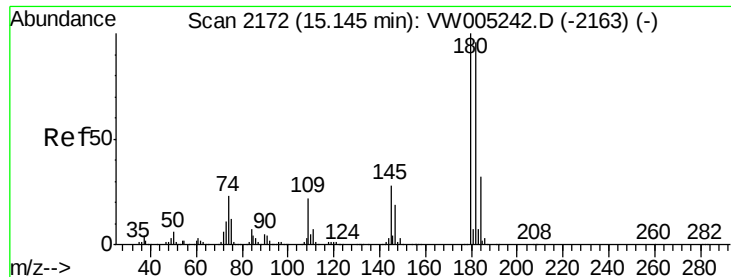
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.19 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW005267.D
 Acq: 11 Sep 2018 11:38

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.5	47.4	142.2
157	119.1	59.4	178.2





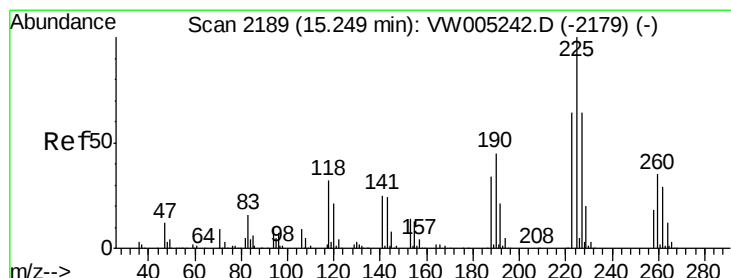
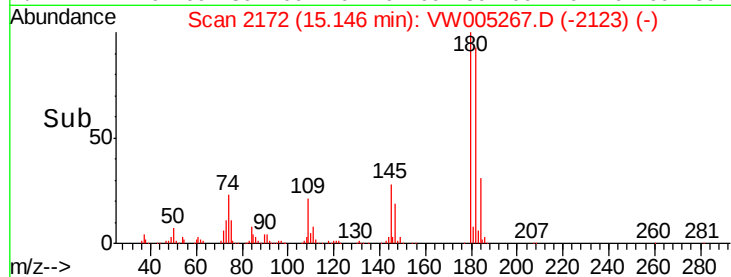
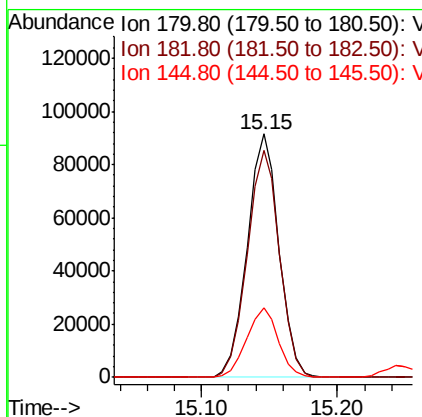
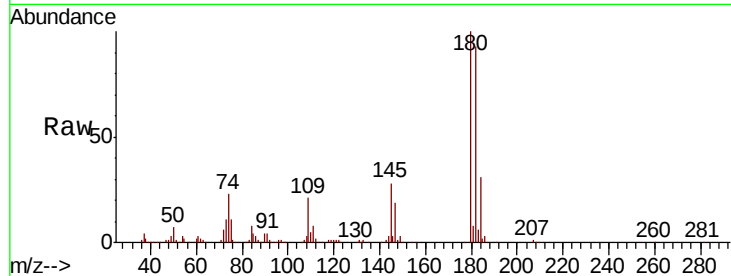
#93
 1,2,4-Trichlorobenzene
 Concen: 19.84 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. 0.00 min
 Lab File: VW005267.D
 Acq: 11 Sep 2018 11:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0911SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	149550		
182	94.6	48.1	144.4	
145	28.4	14.5	43.6	

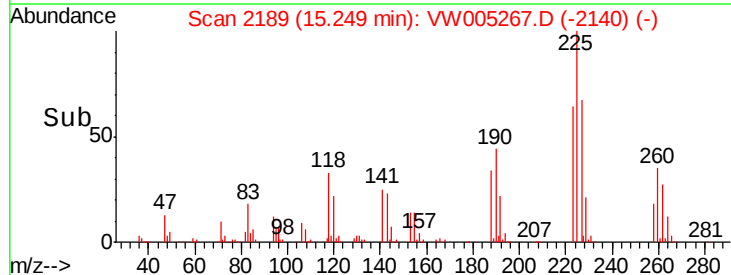
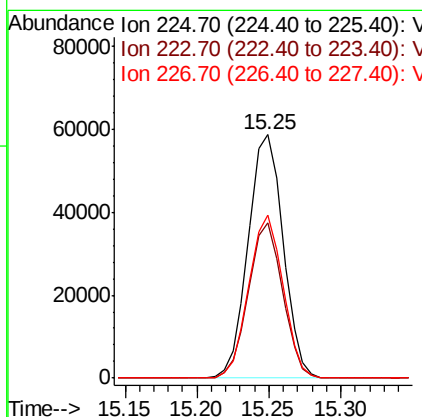
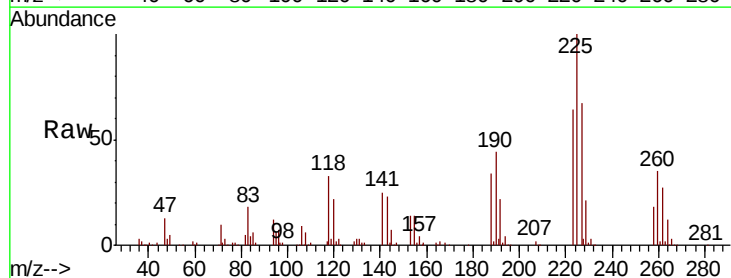
Manual Integrations
 APPROVED

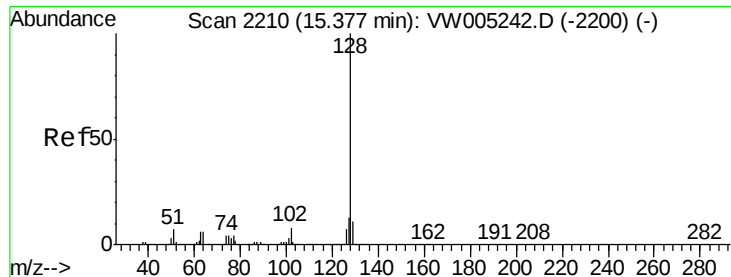
apatel
 9/12/2018 10:29:13 AM



#94
 Hexachlorobutadiene
 Concen: 20.42 ug/l
 RT: 15.25 min Scan# 2189
 Delta R.T. 0.00 min
 Lab File: VW005267.D
 Acq: 11 Sep 2018 11:38

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	98585		
223	62.6	31.4	94.2	
227	65.5	32.0	96.0	





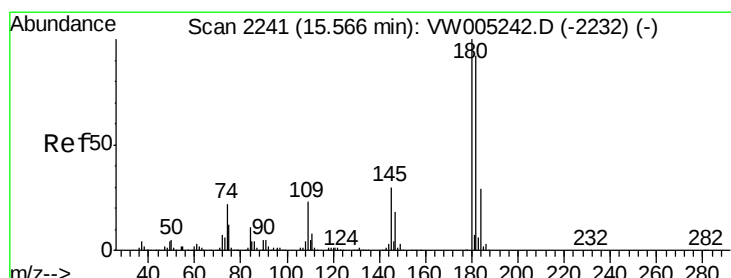
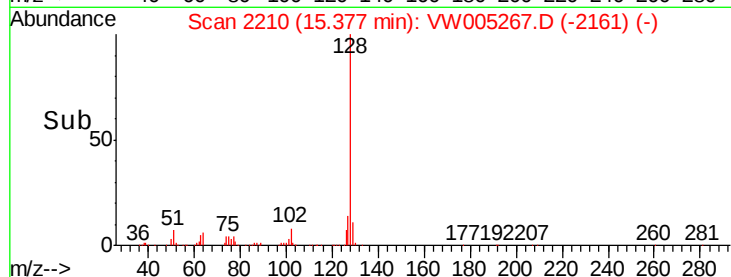
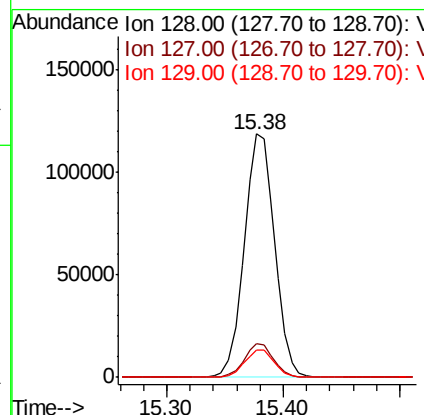
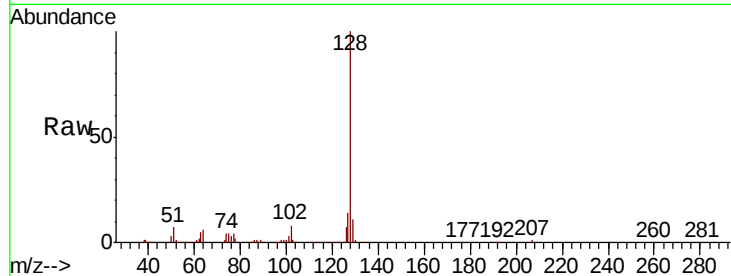
#95
Naphthalene
Concen: 17.61 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW005267.D
Acq: 11 Sep 2018 11:38

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	215246		
127	13.3	10.3	15.5	
129	11.0	8.8	13.2	

Manual Integrations
APPROVED

apatel
9/12/2018 10:29:13 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.46 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW005267.D
Acq: 11 Sep 2018 11:38

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	126242		
182	95.7	47.2	141.6	
145	30.6	15.2	45.6	

