

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091018\
 Data File : VW005248.D
 Acq On : 10 Sep 2018 18:46
 Operator : SY/AP
 Sample : VW0910SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0910SBS01

Manual Integrations
 APPROVED

apatel
 9/11/2018 11:09:54 AM

Quant Time: Sep 11 04:05:29 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	509640	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	737510	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	748044	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	397058	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	206914	54.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.86%	
35) Dibromofluoromethane	7.89	113	203783	52.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.50%	
50) Toluene-d8	10.33	98	1012126	51.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.70%	
62) 4-Bromofluorobenzene	12.63	95	371459	52.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	97617	22.20	ug/l	100
3) Chloromethane	2.22	50	127289	21.66	ug/l	99
4) Vinyl Chloride	2.36	62	115482	21.40	ug/l	98
5) Bromomethane	2.75	94	82071	23.49	ug/l	99
6) Chloroethane	2.91	64	61981	20.85	ug/l	100
7) Trichlorofluoromethane	3.26	101	127561	20.90	ug/l	98
8) Diethyl Ether	3.69	74	46085	21.19	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	88471	20.29	ug/l	99
10) Methyl Iodide	4.28	142	75963	16.41	ug/l	99
11) Tert butyl alcohol	5.17	59	40506	129.94	ug/l #	94
12) 1,1-Dichloroethene	4.04	96	83303	20.75	ug/l	98
13) Acrolein	3.90	56	34550	114.74	ug/l	97
14) Allyl chloride	4.68	41	127521	20.67	ug/l	98
15) Acrylonitrile	5.37	53	105343	107.34	ug/l	98
16) Acetone	4.13	43	73004	103.47	ug/l	99
17) Carbon Disulfide	4.39	76	283530	20.12	ug/l	97
18) Methyl Acetate	4.68	43	46582	22.12	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	205859	21.53	ug/l	98
20) Methylene Chloride	4.92	84	122708	21.53	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	95862	20.45	ug/l	98
22) Diisopropyl ether	6.32	45	270694	21.80	ug/l	94
23) Vinyl Acetate	6.26	43	761939	110.10	ug/l	99
24) 1,1-Dichloroethane	6.22	63	164012	21.46	ug/l	100
25) 2-Butanone	7.18	43	126405	113.58	ug/l	96
26) 2,2-Dichloropropane	7.18	77	135936	20.51	ug/l	98
27) cis-1,2-Dichloroethene	7.18	96	105416	21.01	ug/l	98
28) Bromochloromethane	7.52	49	62319	22.10	ug/l	96
29) Tetrahydrofuran	7.54	42	82506	110.01	ug/l	99
30) Chloroform	7.68	83	160857	20.97	ug/l	99
31) Cyclohexane	7.96	56	168338	20.70	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	144636	20.87	ug/l	99
36) 1,1-Dichloropropene	8.09	75	138165	20.45	ug/l	99
37) Ethyl Acetate	7.26	43	56893	22.14	ug/l	99
38) Carbon Tetrachloride	8.07	117	128344	20.28	ug/l	98

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apatel
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	176015	19.62	ug/l	99
40) Benzene	8.33	78	416483	20.92	ug/l	99
41) Methacrylonitrile	7.49	41	33035	25.05	ug/l	94
42) 1,2-Dichloroethane	8.41	62	102540	21.53	ug/l	98
43) Isopropyl Acetate	8.43	43	103527	21.69	ug/l	99
44) Trichloroethene	9.10	130	112751	20.65	ug/l	96
45) 1,2-Dichloropropane	9.38	63	101561	21.23	ug/l	97
46) Dibromomethane	9.46	93	48926	20.89	ug/l	98
47) Bromodichloromethane	9.65	83	120933	21.11	ug/l	96
48) Methyl methacrylate	9.45	41	48581	19.60	ug/l	94
49) 1,4-Dioxane	9.45	88	18695	427.53	ug/l	97
51) 4-Methyl-2-Pentanone	10.22	43	291312	108.47	ug/l	99
52) Toluene	10.40	92	301105	20.81	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	128350	20.73	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	156279	21.08	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	79434	21.27	ug/l	99
56) Ethyl methacrylate	10.65	69	97435	20.58	ug/l	99
57) 1,3-Dichloropropane	10.94	76	130262	21.01	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	227460	110.54	ug/l	98
59) 2-Hexanone	10.98	43	206027	106.41	ug/l	98
60) Dibromochloromethane	11.13	129	85733	20.69	ug/l	100
61) 1,2-Dibromoethane	11.24	107	72166	21.07	ug/l	100
64) Tetrachloroethene	10.87	164	111934	20.17	ug/l	97
65) Chlorobenzene	11.66	112	330373	20.16	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	98816	20.20	ug/l	100
67) Ethyl Benzene	11.74	91	569141	19.94	ug/l	100
68) m/p-Xylenes	11.85	106	458009	39.83	ug/l	99
69) o-Xylene	12.18	106	214457	20.04	ug/l	98
70) Styrene	12.19	104	352101	20.17	ug/l	100
71) Bromoform	12.35	173	53763	20.27	ug/l #	97
73) Isopropylbenzene	12.48	105	573365	20.44	ug/l	100
74) N-amyl acetate	12.28	43	113724	21.31	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	89014	21.11	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	63603m	20.83	ug/l	
77) Bromobenzene	12.76	156	136852	20.71	ug/l	98
78) n-propylbenzene	12.81	91	696885	20.68	ug/l	99
79) 2-Chlorotoluene	12.90	91	395260	20.46	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	486883	20.38	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	26108	20.05	ug/l	95
82) 4-Chlorotoluene	13.00	91	422646	20.81	ug/l	100
83) tert-Butylbenzene	13.21	119	428088	20.49	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	499916	20.83	ug/l	98
85) sec-Butylbenzene	13.40	105	613142	20.42	ug/l	99
86) p-Isopropyltoluene	13.51	119	537023	20.20	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	280409	20.21	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	276518	20.29	ug/l	100
89) n-Butylbenzene	13.83	91	495400	19.83	ug/l	98
90) Hexachloroethane	14.10	117	86662	20.35	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	253922	20.82	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	14753	21.04	ug/l	96

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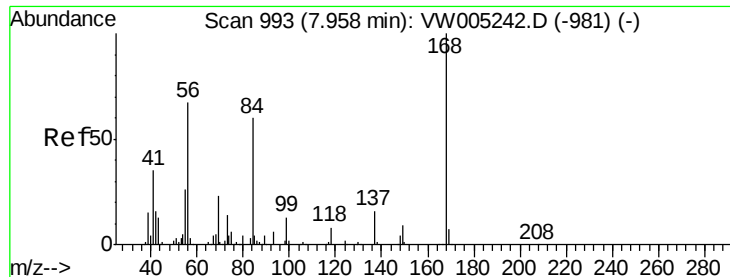
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	170374	19.75	ug/l	99
94) Hexachlorobutadiene	15.25	225	110598	20.02	ug/l	99
95) Naphthalene	15.38	128	276742	19.78	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	150250	20.24	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: VW005248.D

Acq: 10 Sep 2018 18:46

Instrument :

MSVOA_W

ClientSampleId :

VW0910SBS01

Tot Ion:168 Resp: 509640

Ion Ratio Lower Upper

168 100

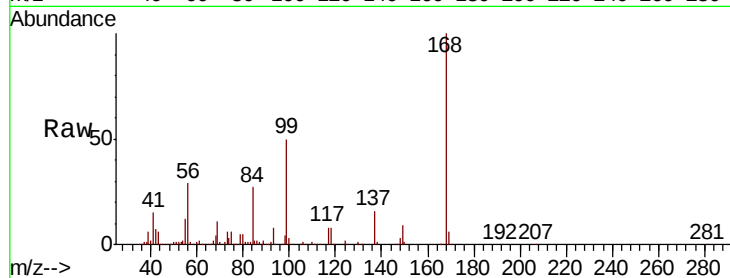
99 50.4 39.1 58.7

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

250000

200000

150000

100000

50000

0

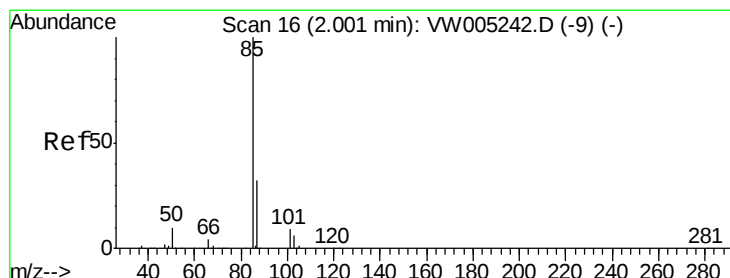
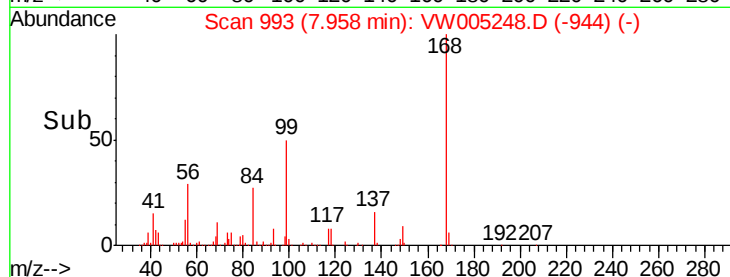
7.80

7.90

8.00

8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 22.20 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW005248.D

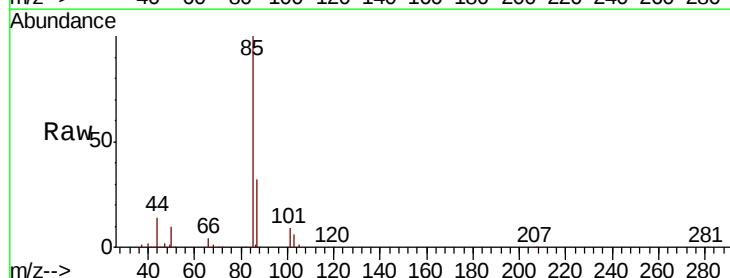
Acq: 10 Sep 2018 18:46

Tgt Ion: 85 Resp: 97617

Ion Ratio Lower Upper

85 100

87 32.1 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

60000

40000

20000

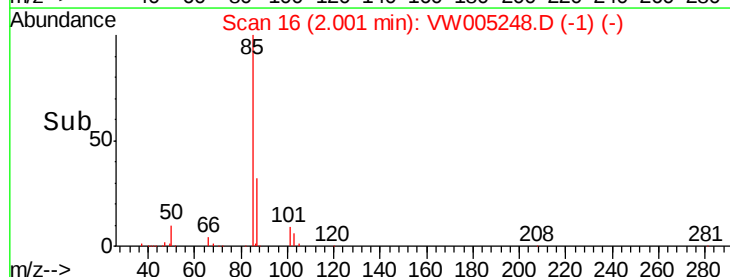
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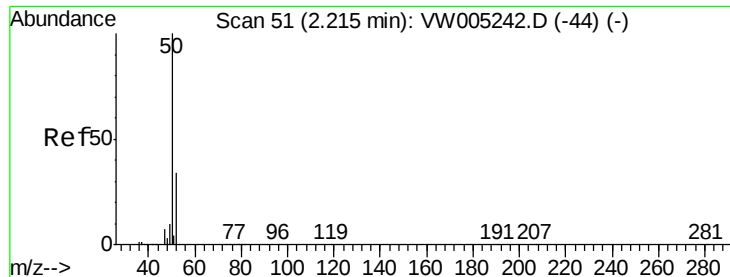
1.90

2.00

2.10

Time-->





#3

Chloromethane

Concen: 21.66 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW005248.D

Acq: 10 Sep 2018 18:46

Instrument :

MSVOA_W

ClientSampleId :

VW0910SBS01

Tot Ion: 50 Resp: 127289

Ion Ratio Lower Upper

50 100

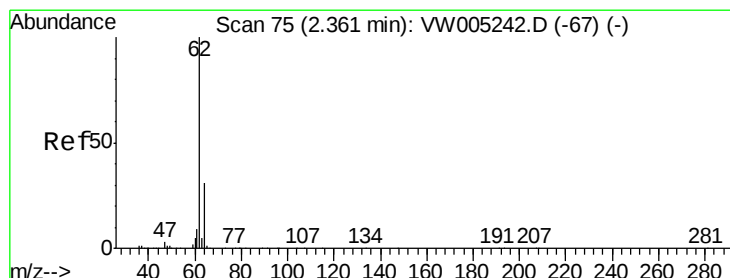
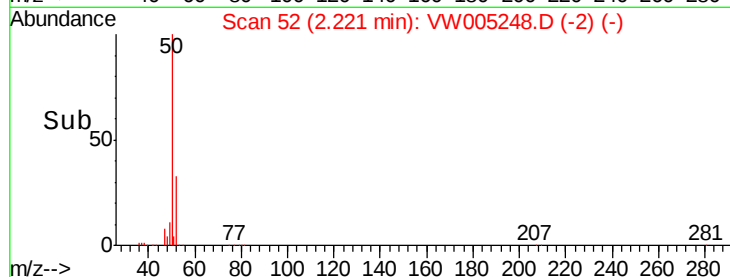
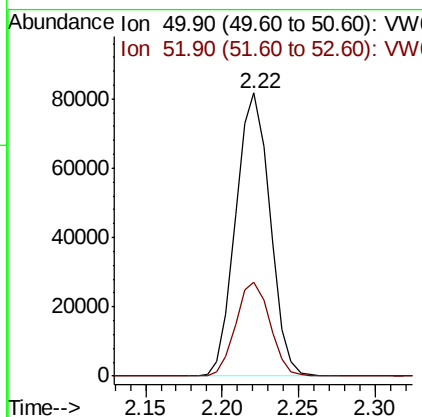
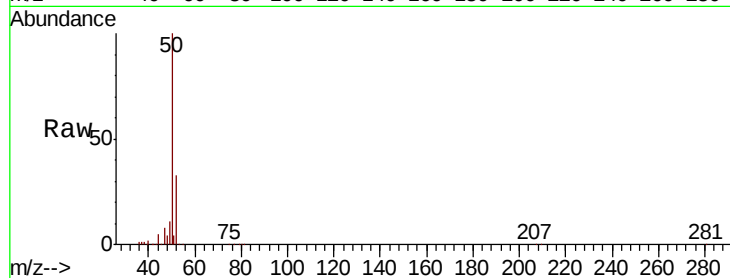
52 33.0 27.0 40.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 21.40 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW005248.D

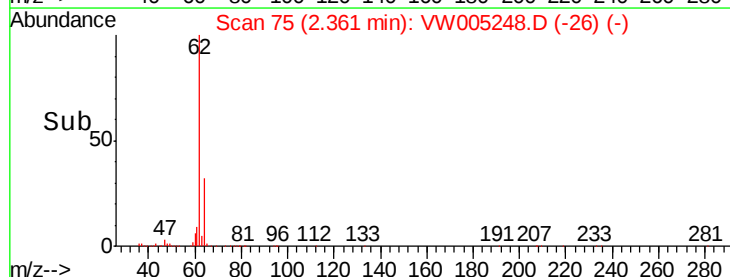
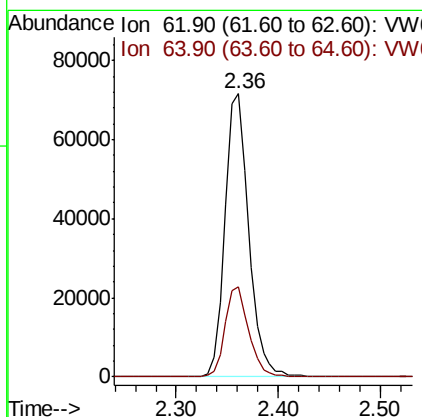
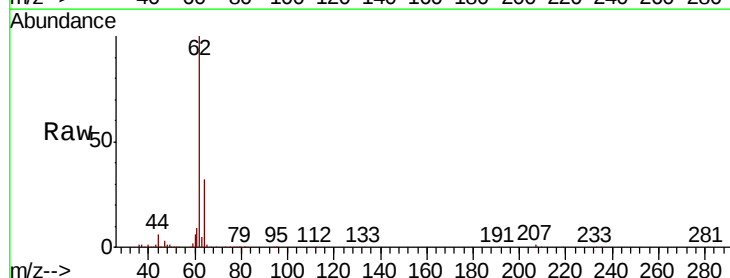
Acq: 10 Sep 2018 18:46

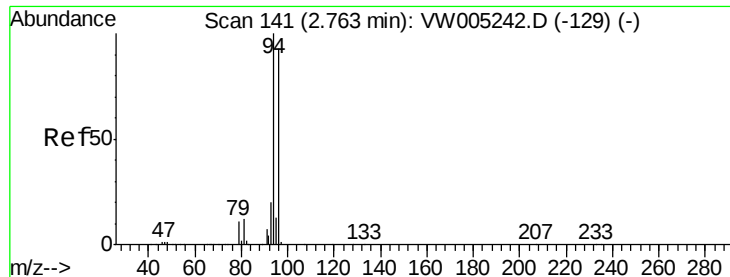
Tgt Ion: 62 Resp: 115482

Ion Ratio Lower Upper

62 100

64 31.9 24.6 37.0





#5

Bromomethane

Concen: 23.49 ug/l

RT: 2.75 min Scan# 139

Delta R.T. -0.01 min

Lab File: VW005248.D

Acq: 10 Sep 2018 18:46

Instrument :

MSVOA_W

ClientSampled :

VW0910SBS01

Tot Ion: 94 Resp: 82071

Ion Ratio Lower Upper

94 100

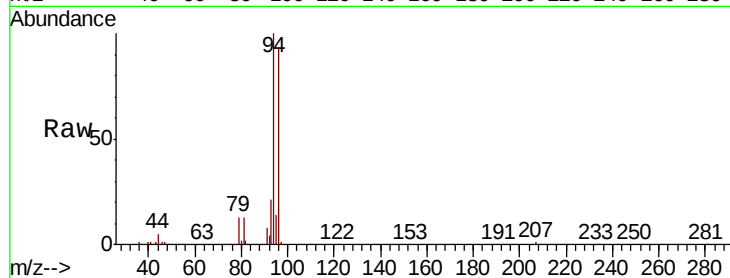
96 93.1 74.1 111.1

Manual Integrations

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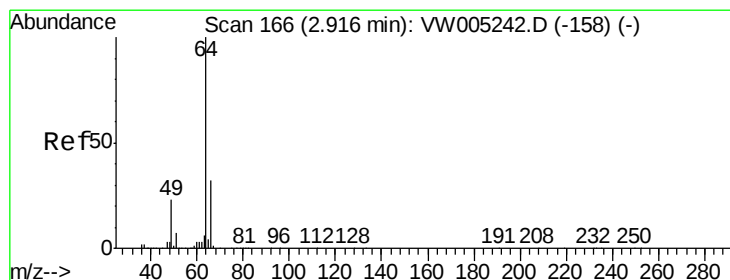
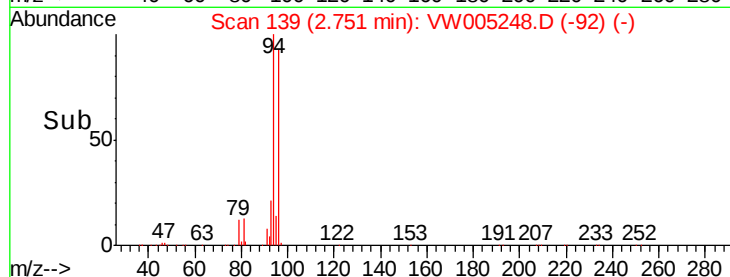
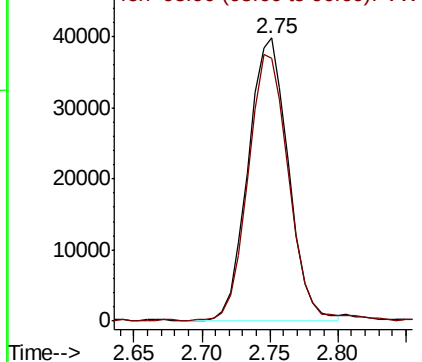
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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 20.85 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW005248.D

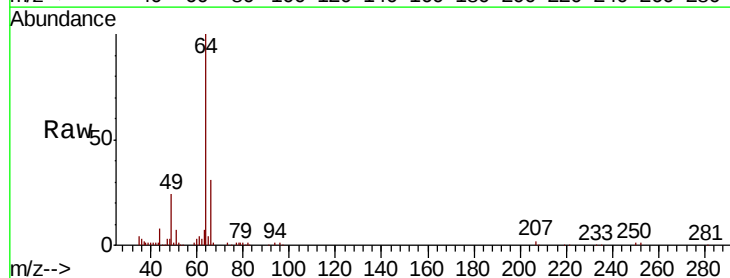
Acq: 10 Sep 2018 18:46

Tgt Ion: 64 Resp: 61981

Ion Ratio Lower Upper

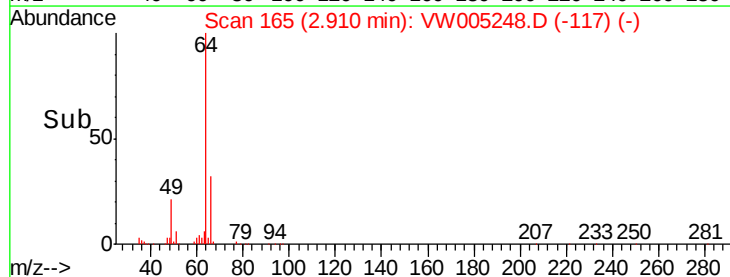
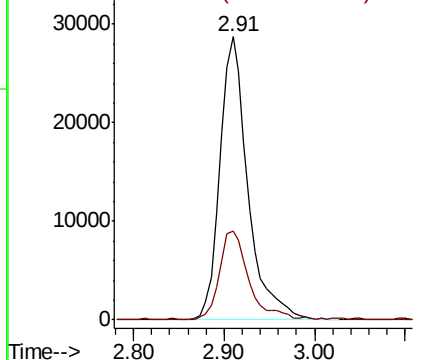
64 100

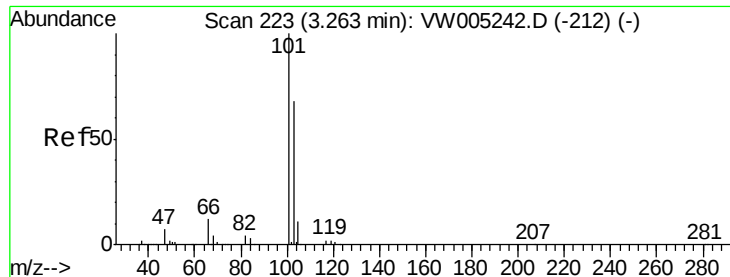
66 31.4 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#7

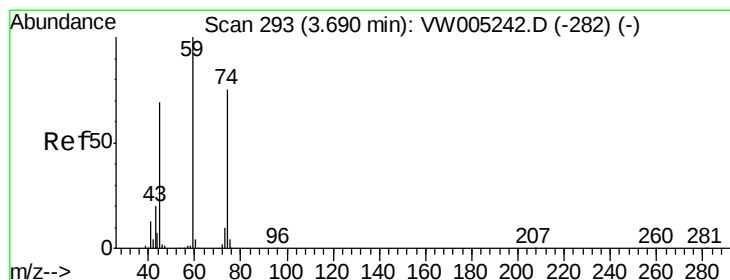
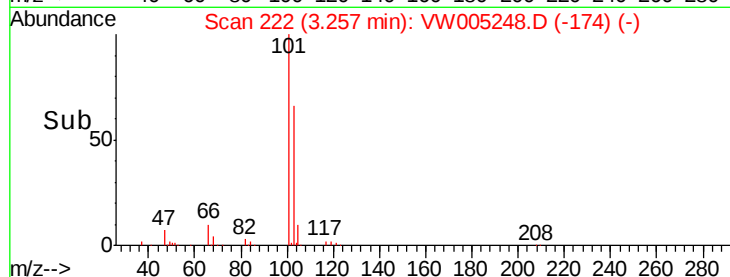
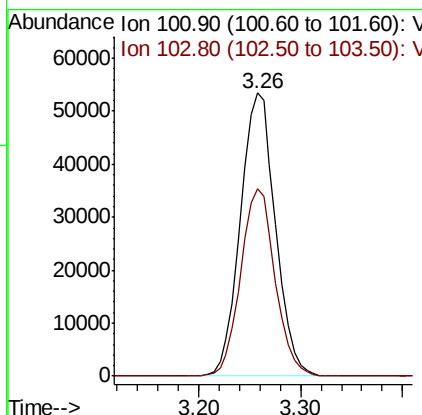
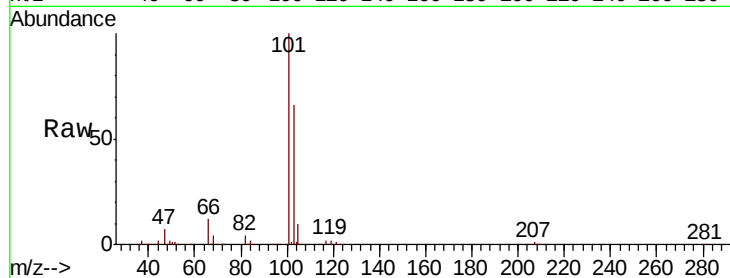
Trichlorofluoromethane
Concen: 20.90 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.01 min
Lab File: VW005248.D
Acq: 10 Sep 2018 18:46

Instrument :
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ClientSampleId :
VW0910SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.2	54.1	81.1

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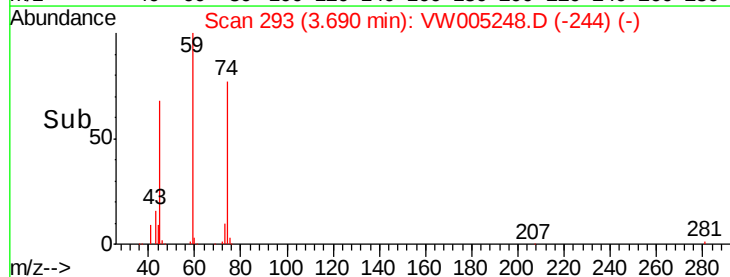
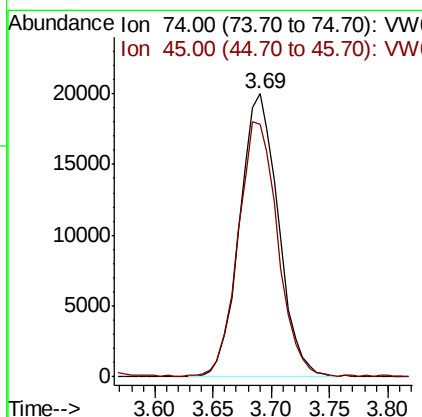
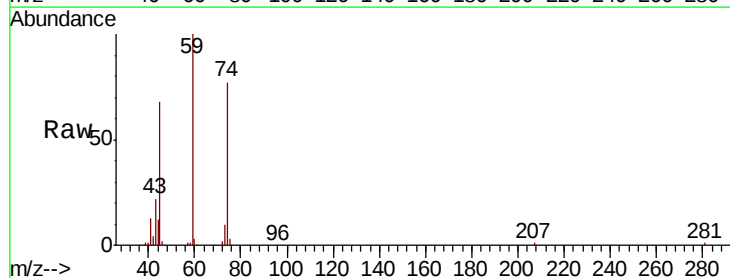
apatel
9/11/2018 11:09:54 AM

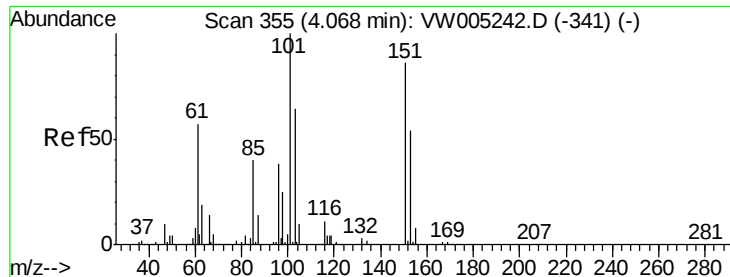


#8

Diethyl Ether
Concen: 21.19 ug/l
RT: 3.69 min Scan# 293
Delta R.T. 0.00 min
Lab File: VW005248.D
Acq: 10 Sep 2018 18:46

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.6	45.1	135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.29 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW005248.D

Acq: 10 Sep 2018 18:46

Instrument :

MSVOA_W

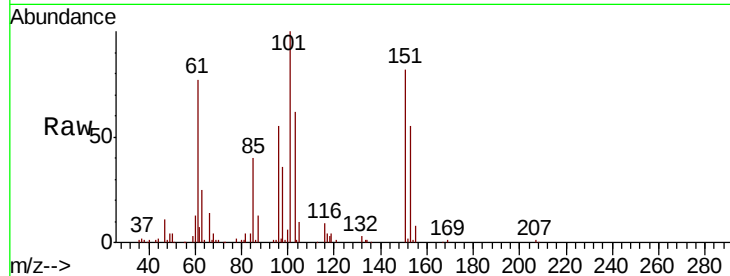
ClientSampleId :

VW0910SBS01

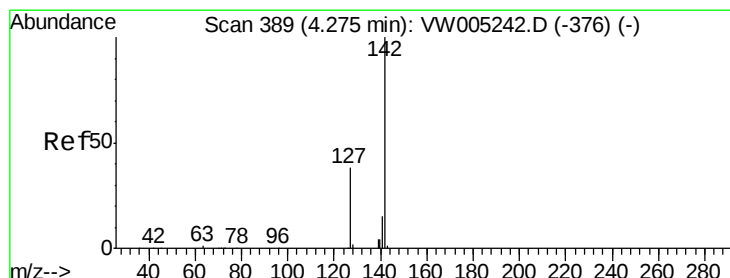
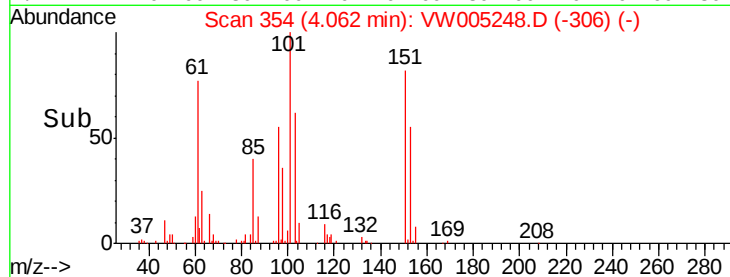
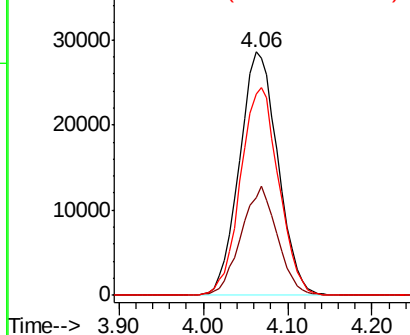
Tot Ion:	101	Resp:	88471
Ion Ratio	Lower	Upper	
101	100		
85	42.1	32.7	49.1
151	84.7	67.6	101.4

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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: 16.41 ug/l

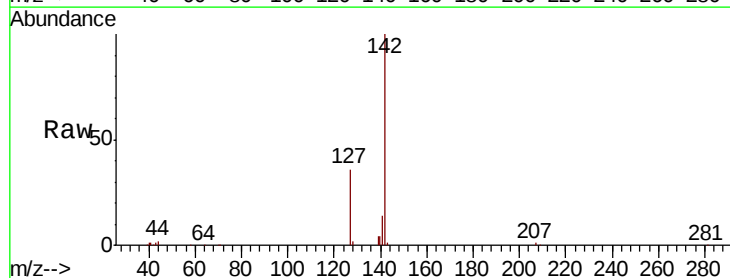
RT: 4.28 min Scan# 389

Delta R.T. 0.00 min

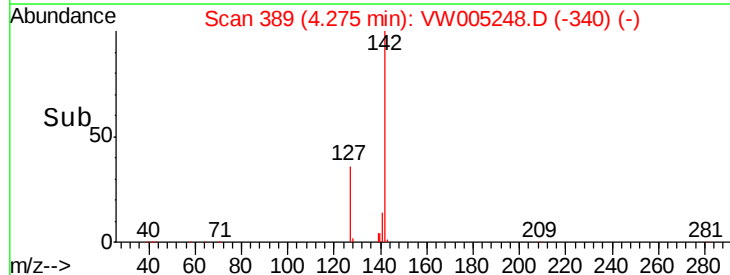
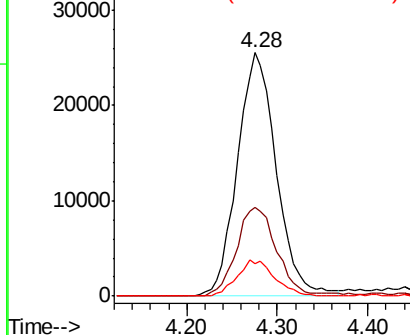
Lab File: VW005248.D

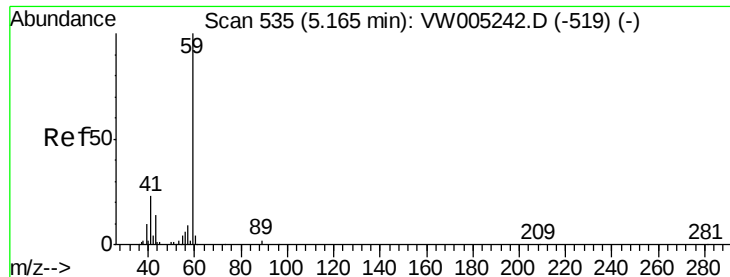
Acq: 10 Sep 2018 18:46

Tgt Ion:	142	Resp:	75963
Ion Ratio	Lower	Upper	
142	100		
127	37.2	30.3	45.5
141	14.3	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

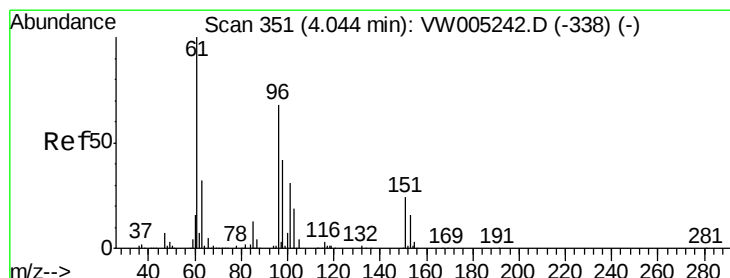
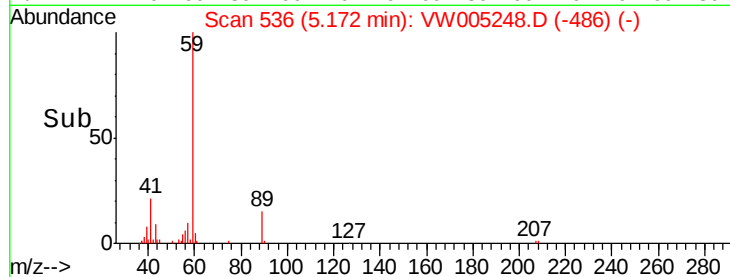
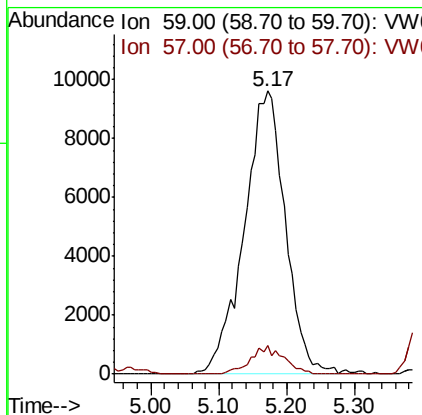
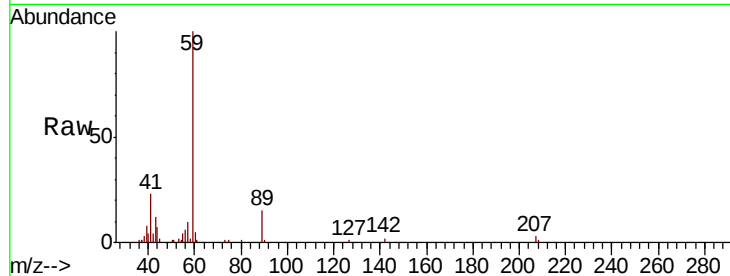
Tert butyl alcohol
 Concen: 129.94 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. 0.01 min
 Lab File: VW005248.D
 Acq: 10 Sep 2018 18:46

Instrument :
 MSVOA_W
 ClientSampled :
 VW0910SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.1	8.1	12.1#

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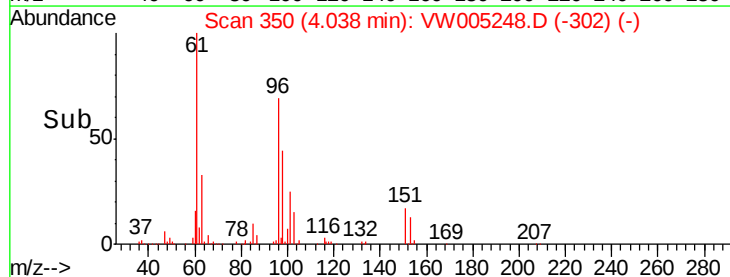
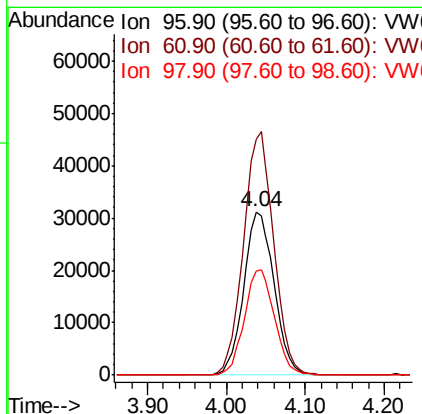
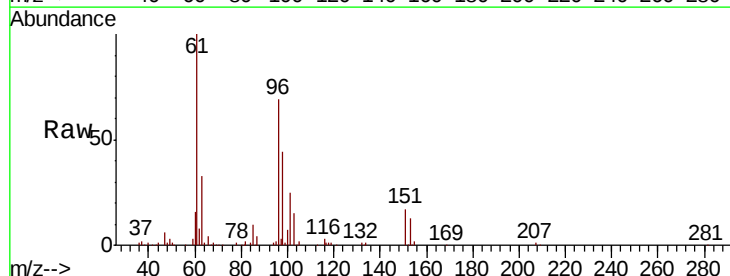
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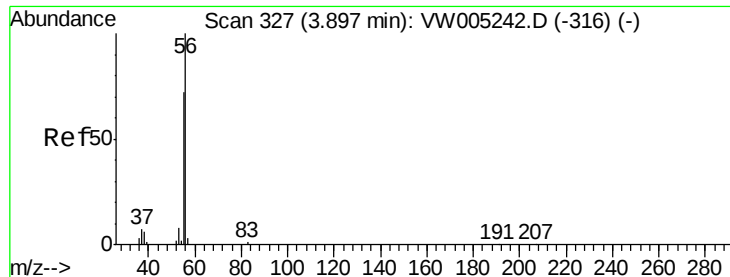


#12

1,1-Dichloroethene
 Concen: 20.75 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VW005248.D
 Acq: 10 Sep 2018 18:46

Tgt Ion	Ratio	Lower	Upper
96	100		
61	144.7	118.2	177.2
98	63.8	49.9	74.9





#13

Acrolein

Concen: 114.74 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.00 min

Lab File: VW005248.D

Acq: 10 Sep 2018 18:46

Instrument :

MSVOA_W

ClientSampleId :

VW0910SBS01

Tot Ion: 56 Resp: 34550

Ion Ratio Lower Upper

56 100

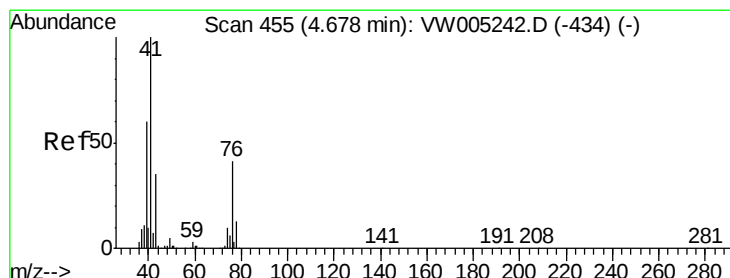
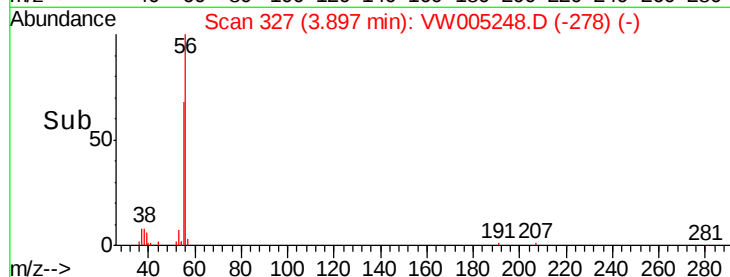
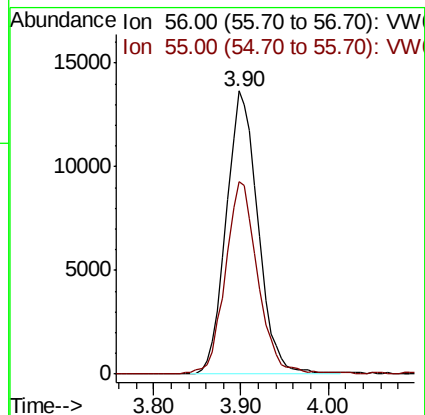
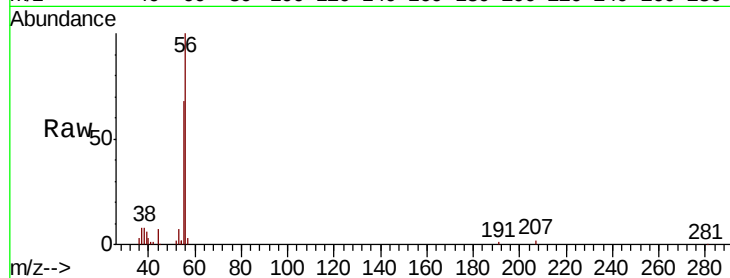
55 68.9 56.8 85.2

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#14

Allyl chloride

Concen: 20.67 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.00 min

Lab File: VW005248.D

Acq: 10 Sep 2018 18:46

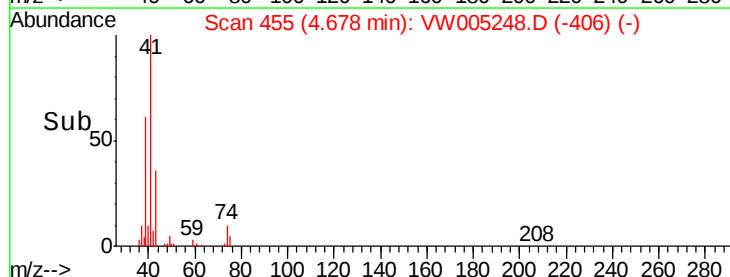
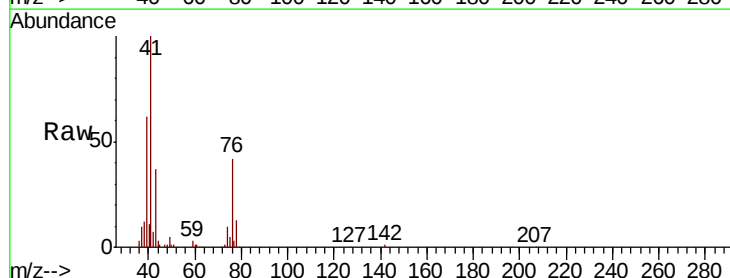
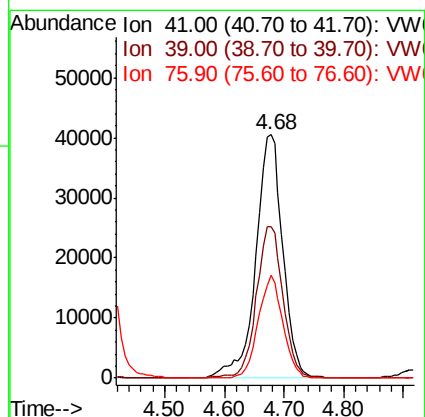
Tgt Ion: 41 Resp: 127521

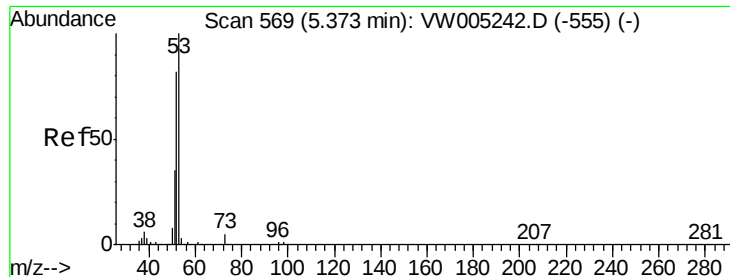
Ion Ratio Lower Upper

41 100

39 61.5 48.2 72.4

76 38.4 31.7 47.5





#15

Acrylonitrile

Concen: 107.34 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.00 min

Lab File: VW005248.D

Acq: 10 Sep 2018 18:46

Instrument :

MSVOA_W

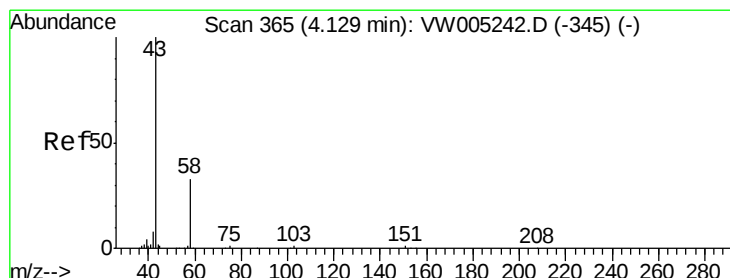
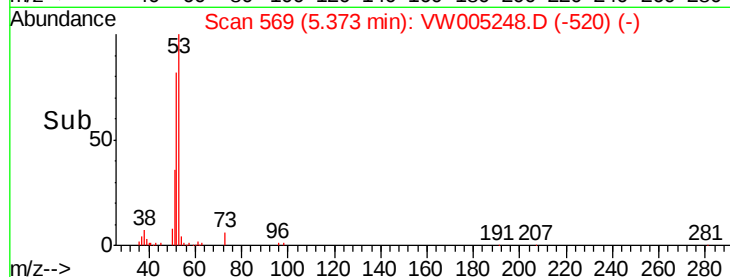
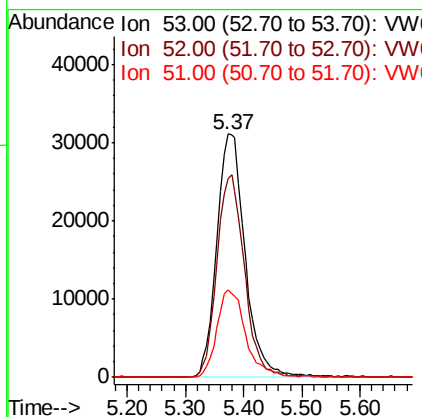
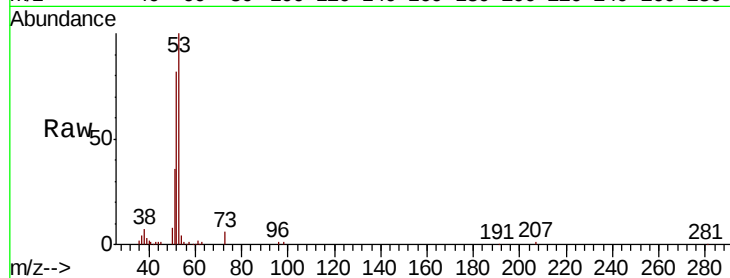
ClientSampleId :

VW0910SBS01

Tot Ion:	53	Resp:	105343
Ion	Ratio	Lower	Upper
53	100		
52	80.8	66.0	99.0
51	36.3	28.6	43.0

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#16

Acetone

Concen: 103.47 ug/l

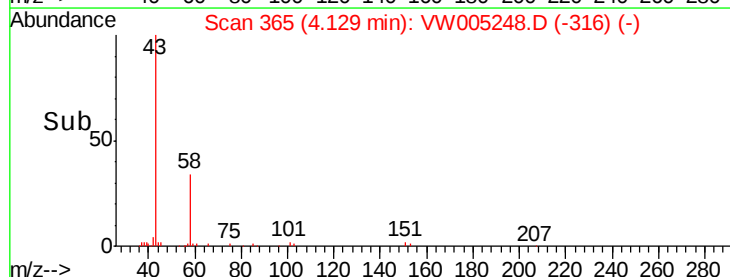
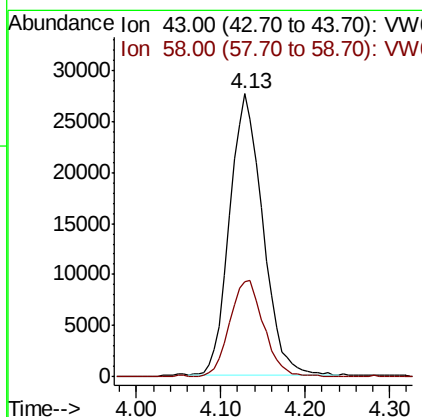
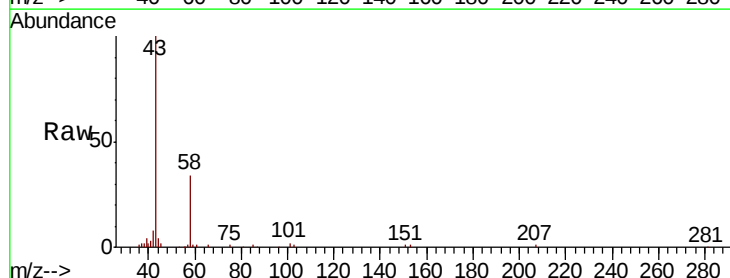
RT: 4.13 min Scan# 365

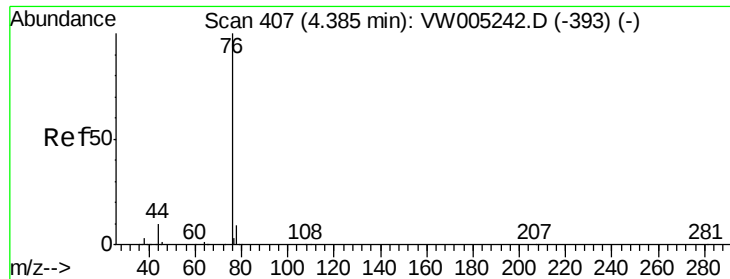
Delta R.T. 0.00 min

Lab File: VW005248.D

Acq: 10 Sep 2018 18:46

Tgt Ion:	43	Resp:	73004
Ion	Ratio	Lower	Upper
43	100		
58	34.0	26.7	40.1





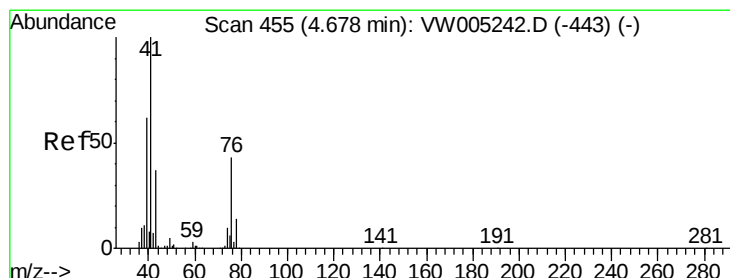
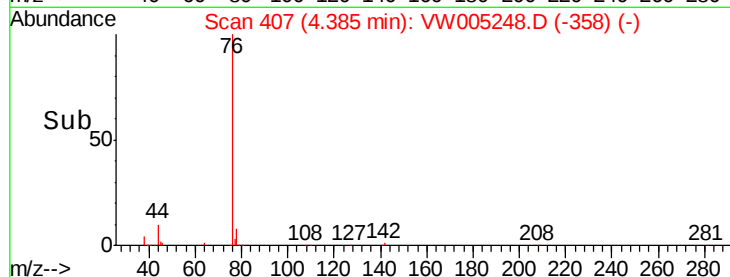
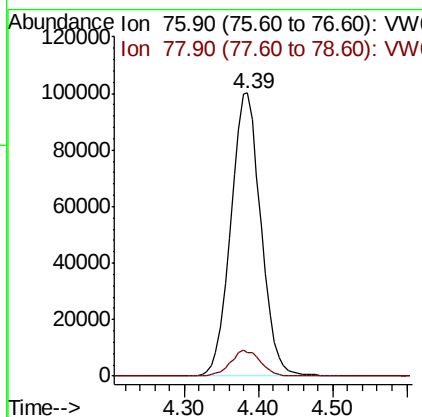
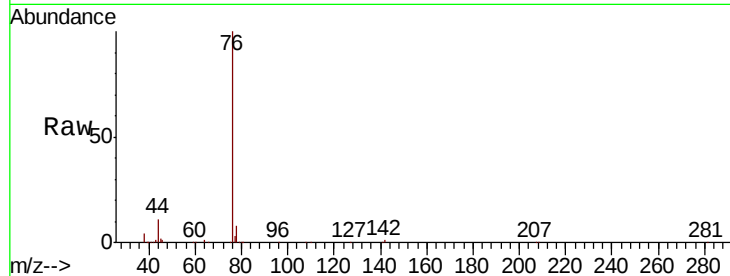
#17
Carbon Disulfide
Concen: 20.12 ug/l
RT: 4.39 min Scan# 407
Delta R.T. 0.00 min
Lab File: VW005248.D
Acq: 10 Sep 2018 18:46

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBS01

Tot Ion	Ratio	Resp	Lower	Upper
76	100	283530		
78	8.2		7.5	11.3

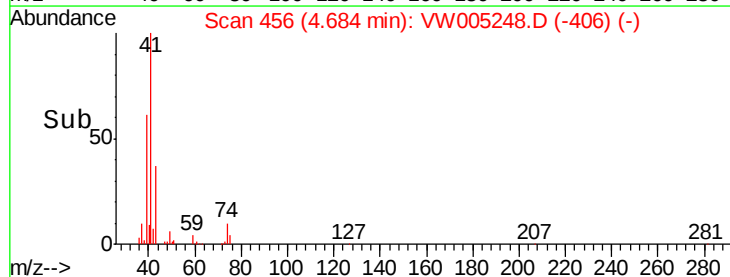
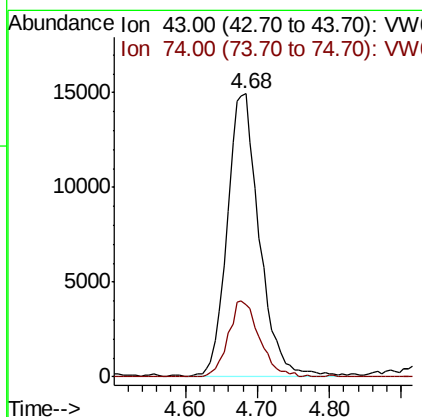
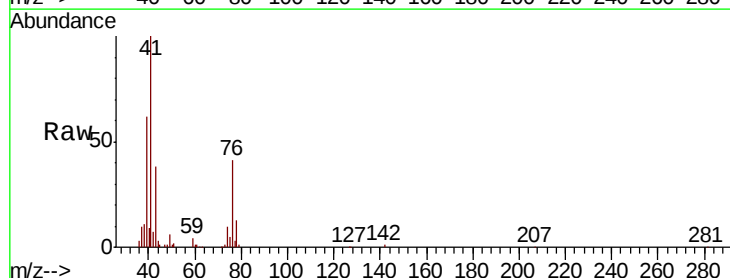
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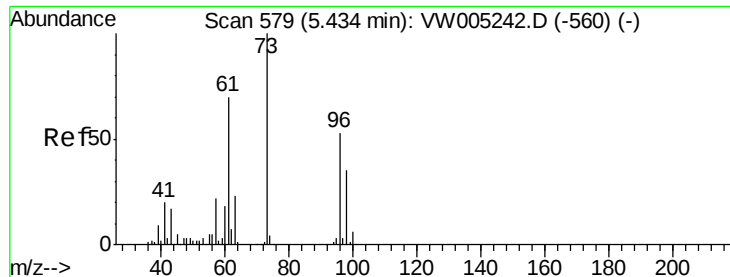
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#18
Methyl Acetate
Concen: 22.12 ug/l
RT: 4.68 min Scan# 456
Delta R.T. 0.01 min
Lab File: VW005248.D
Acq: 10 Sep 2018 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	46582		
74	26.0		21.4	32.2





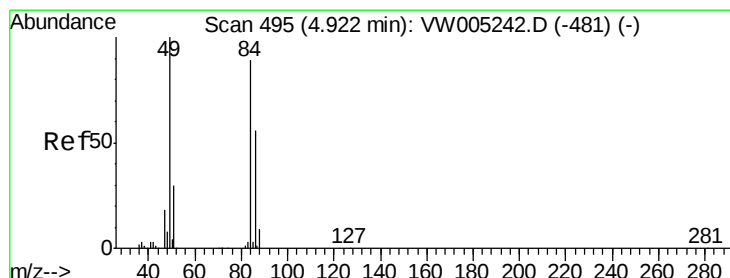
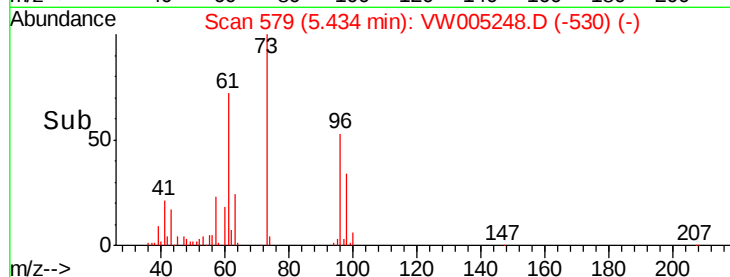
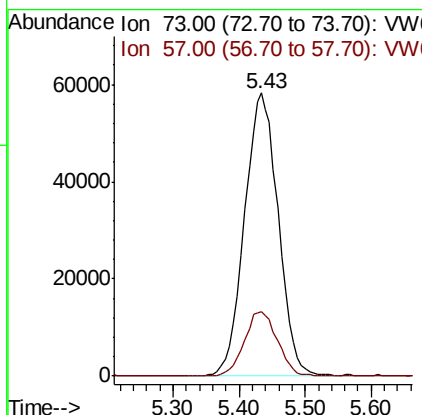
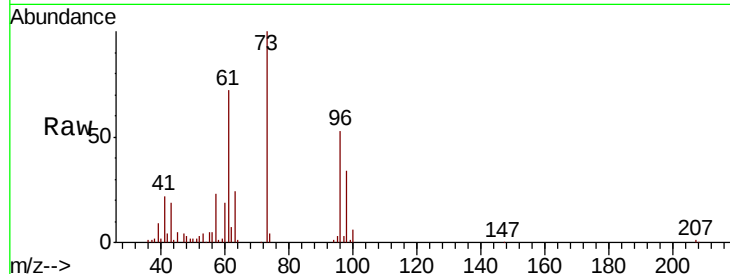
#19
Methyl tert-butyl Ether
Concen: 21.53 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.00 min
Lab File: VW005248.D
Acq: 10 Sep 2018 18:46

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBS01

Tot Ion: 73 Resp: 205859
Ion Ratio Lower Upper
73 100
57 22.9 17.4 26.2

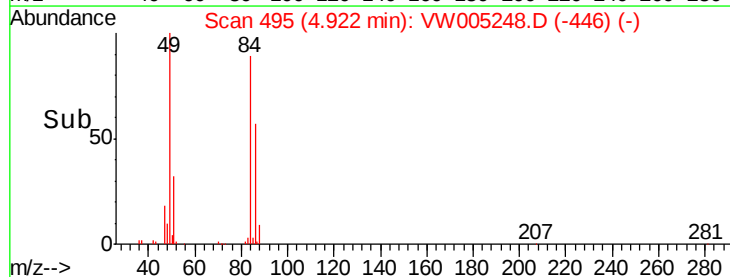
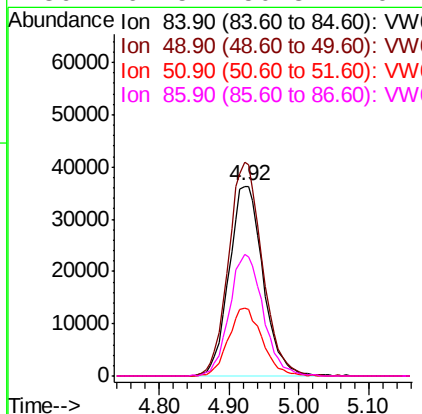
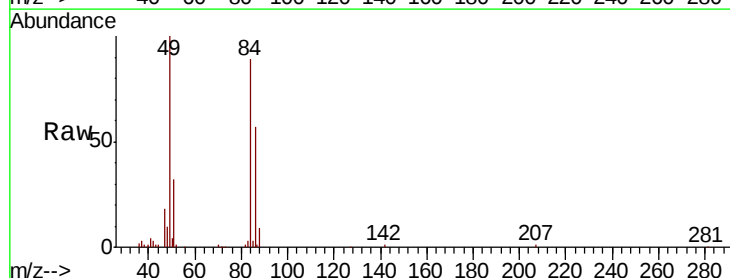
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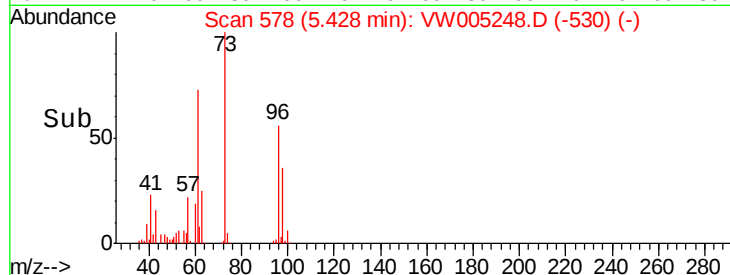
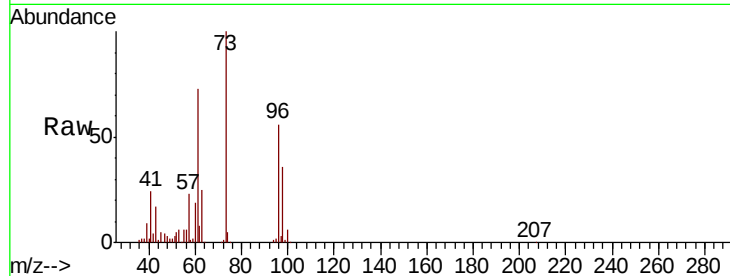
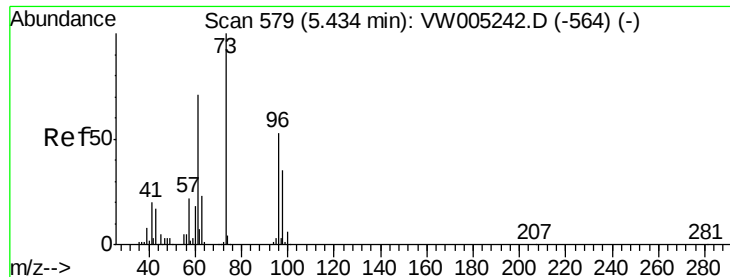
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#20
Methylene Chloride
Concen: 21.53 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW005248.D
Acq: 10 Sep 2018 18:46

Tgt Ion: 84 Resp: 122708
Ion Ratio Lower Upper
84 100
49 112.7 90.3 135.5
51 35.9 26.9 40.3
86 64.5 50.8 76.2





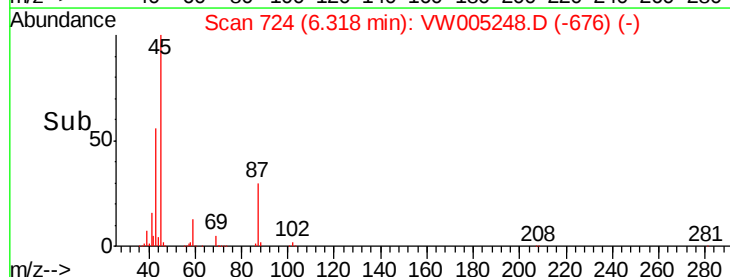
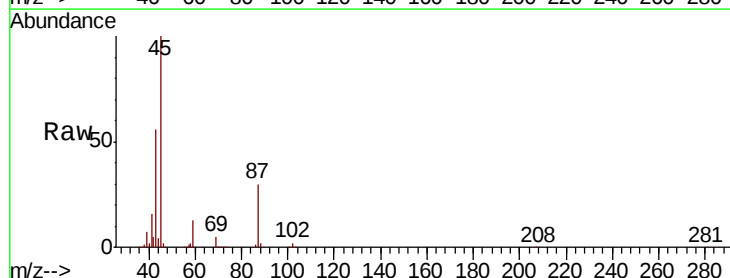
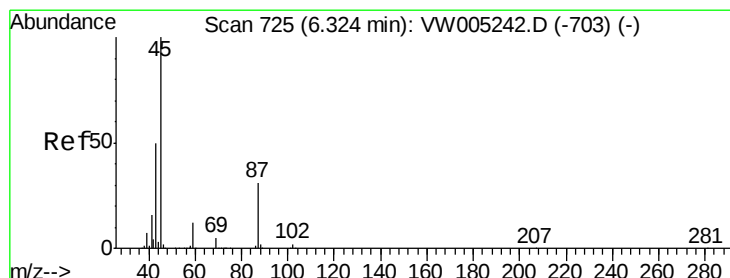
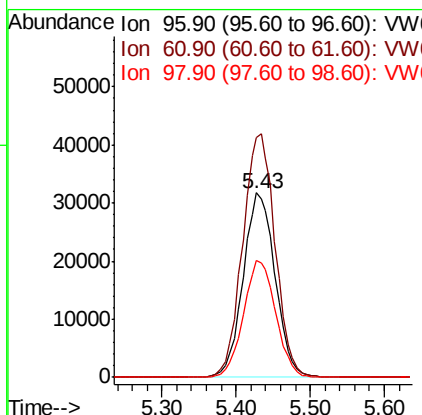
#21
trans-1,2-Dichloroethene
Concen: 20.45 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW005248.D
Acq: 10 Sep 2018 18:46

Tot Ion	Ratio	Lower	Upper
96	100		
61	130.2	105.7	158.5
98	63.7	52.8	79.2

Instrument :
MSVOA_W
ClientSampled :
VW0910SBS01

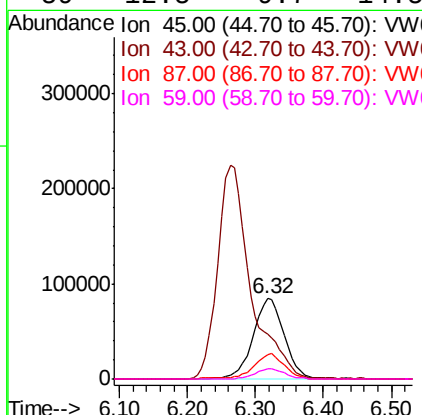
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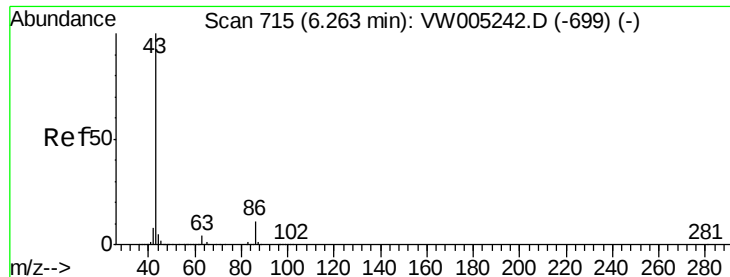
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#22
Diisopropyl ether
Concen: 21.80 ug/l
RT: 6.32 min Scan# 724
Delta R.T. -0.01 min
Lab File: VW005248.D
Acq: 10 Sep 2018 18:46

Tgt Ion	Ratio	Lower	Upper
45	100		
43	55.7	39.6	59.4
87	29.7	24.7	37.1
59	12.5	9.7	14.5





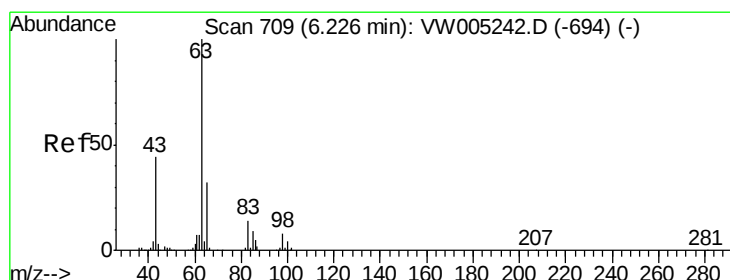
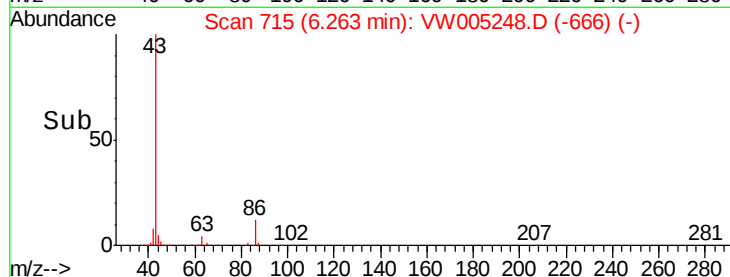
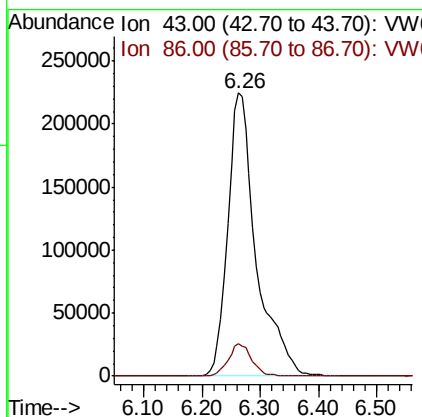
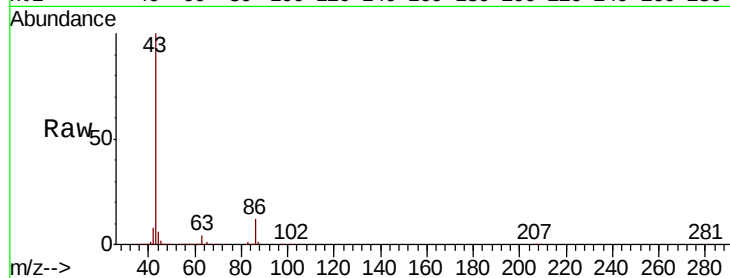
#23
 Vinyl Acetate
 Concen: 110.10 ug/l
 RT: 6.26 min Scan# 715
 Delta R.T. 0.00 min
 Lab File: VW005248.D
 Acq: 10 Sep 2018 18:46

Instrument :
 MSVOA_W
 ClientSampled :
 VW0910SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
86	11.5	8.9	13.3

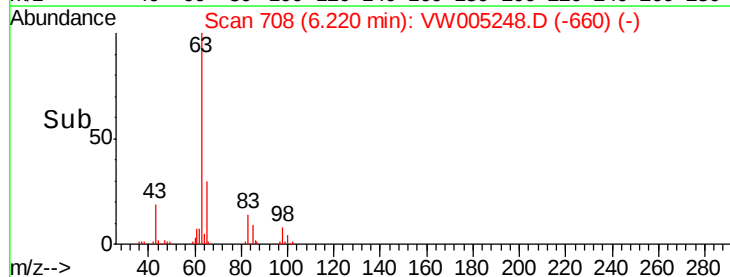
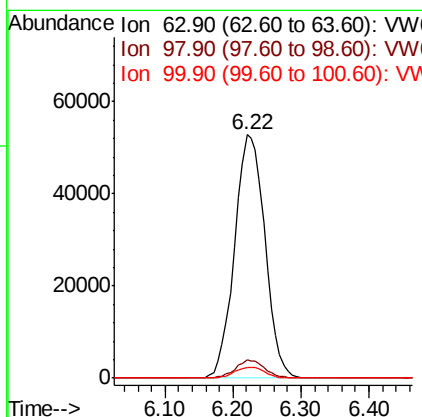
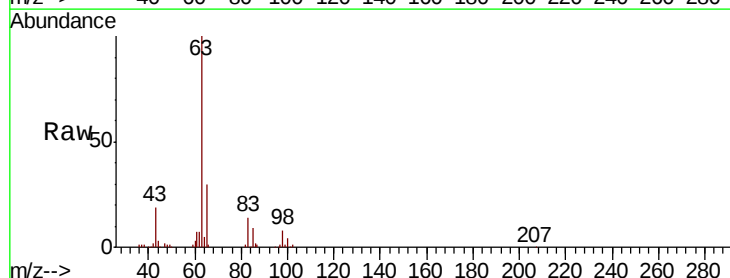
Manual Integrations
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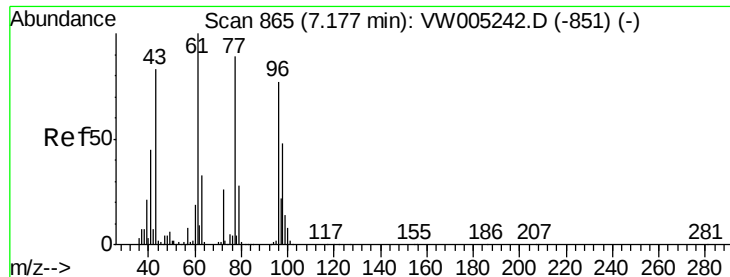
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#24
 1,1-Dichloroethane
 Concen: 21.46 ug/l
 RT: 6.22 min Scan# 708
 Delta R.T. -0.01 min
 Lab File: VW005248.D
 Acq: 10 Sep 2018 18:46

Tgt Ion	Ratio	Lower	Upper
63	100		
98	7.7	3.8	11.4
100	4.3	2.2	6.6





#25

2-Butanone

Concen: 113.58 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW005248.D

Acq: 10 Sep 2018 18:46

Instrument :

MSVOA_W

ClientSampled :

VW0910SBS01

Tot Ion: 43 Resp: 126405

Ion Ratio Lower Upper

43 100

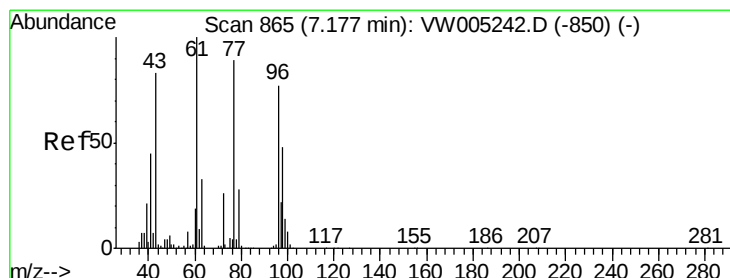
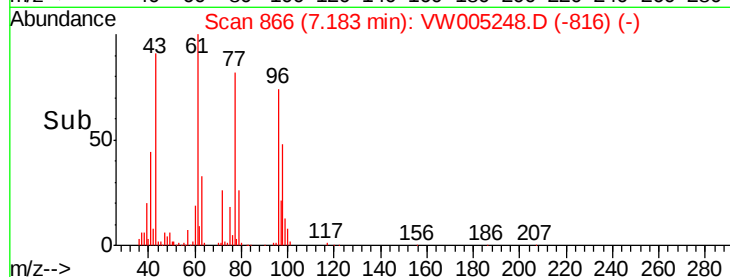
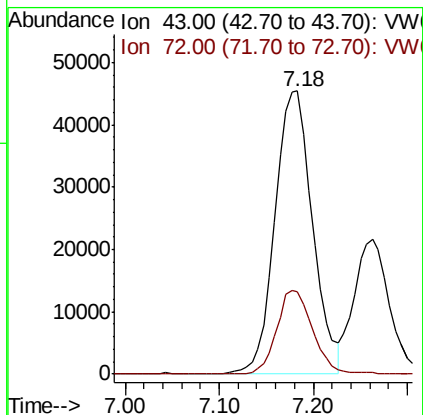
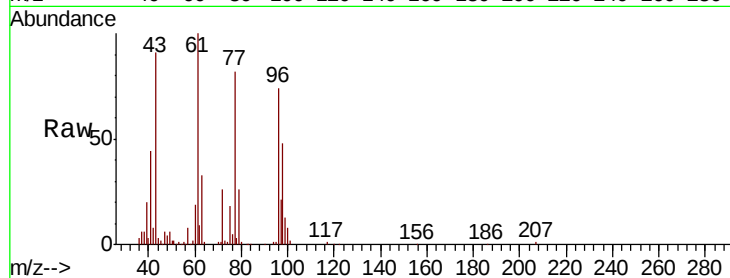
72 29.1 25.0 37.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.51 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW005248.D

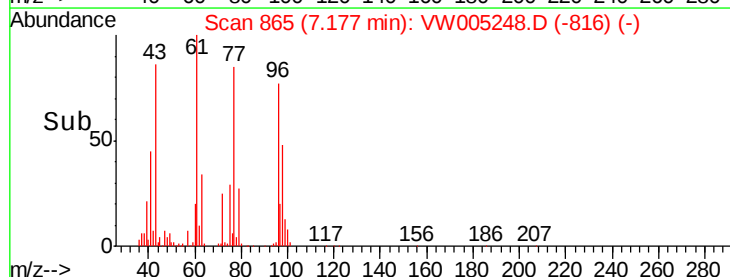
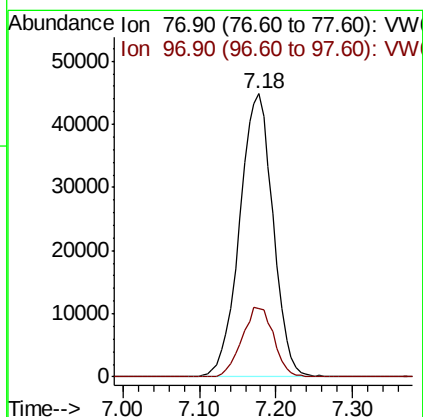
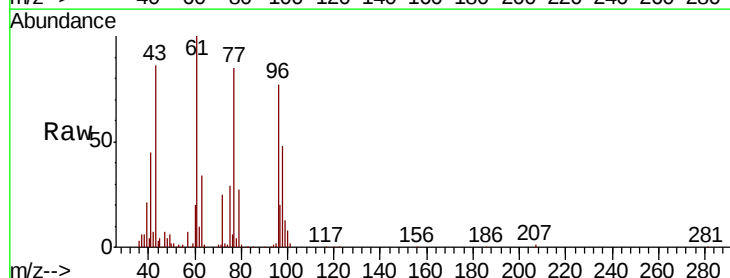
Acq: 10 Sep 2018 18:46

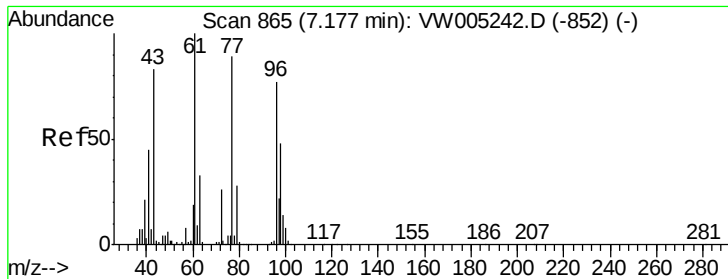
Tgt Ion: 77 Resp: 135936

Ion Ratio Lower Upper

77 100

97 23.5 12.2 36.6





#27

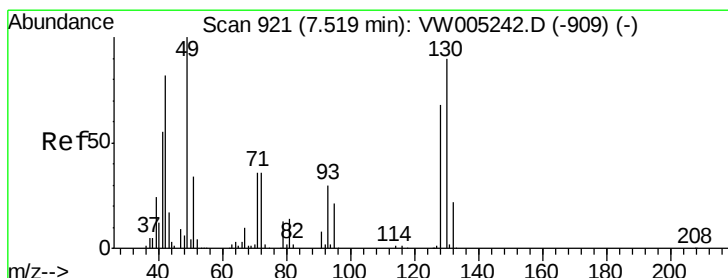
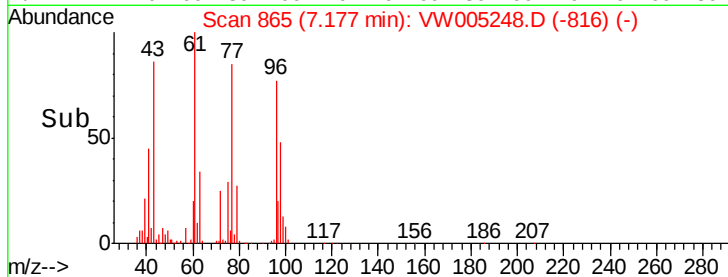
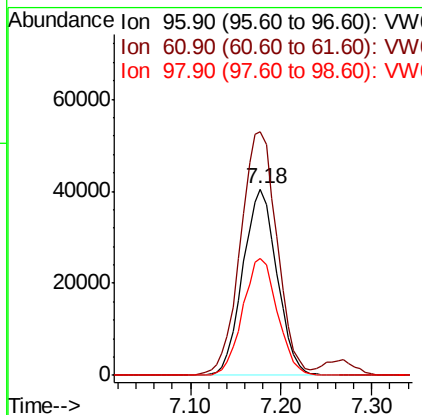
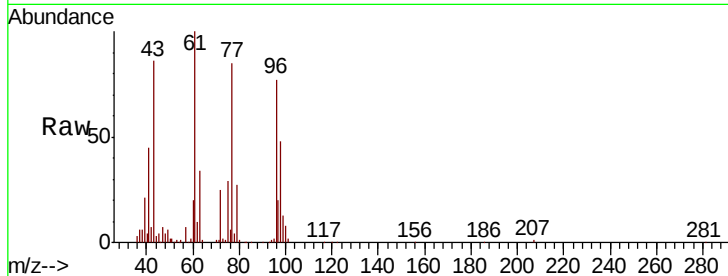
cis-1,2-Dichloroethene
Concen: 21.01 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.00 min
Lab File: VW005248.D
Acq: 10 Sep 2018 18:46

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	140.3	0.0	273.4	
98	63.8	0.0	127.8	

Manual Integrations
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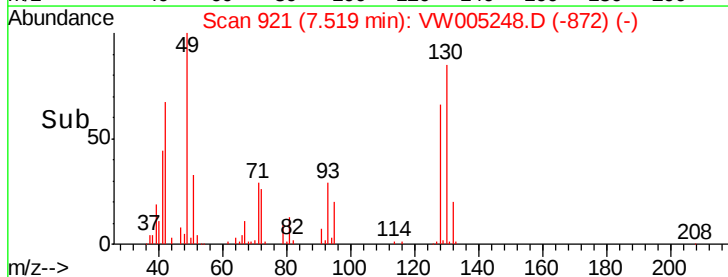
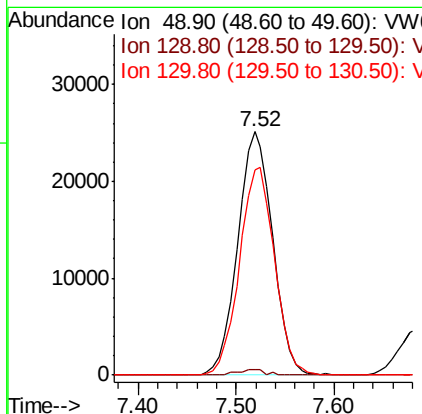
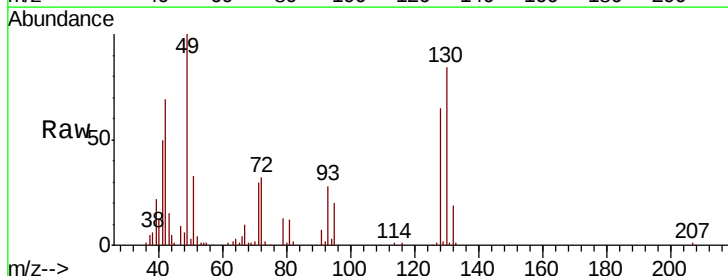
apatel
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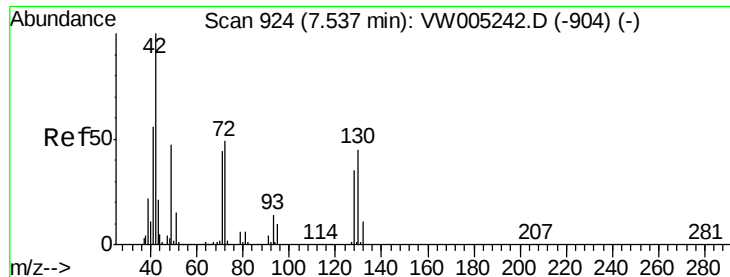


#28

Bromochloromethane
Concen: 22.10 ug/l
RT: 7.52 min Scan# 921
Delta R.T. 0.00 min
Lab File: VW005248.D
Acq: 10 Sep 2018 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.8	0.0	2.0	
130	85.6	71.2	106.8	





#29

Tetrahydrofuran

Concen: 110.01 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.00 min

Lab File: VW005248.D

Acq: 10 Sep 2018 18:46

Instrument :

MSVOA_W

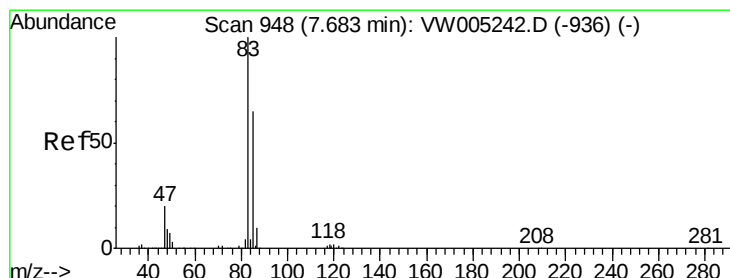
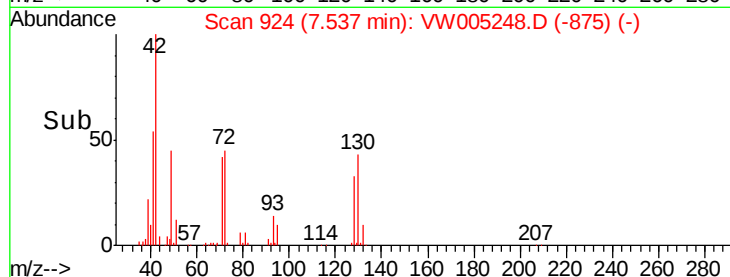
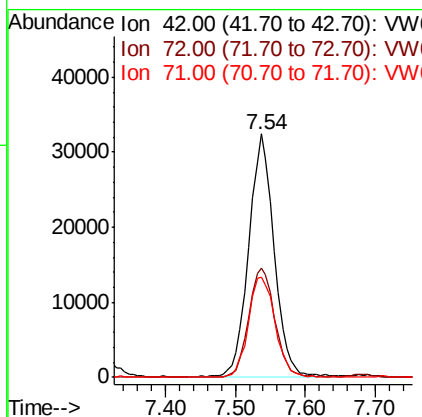
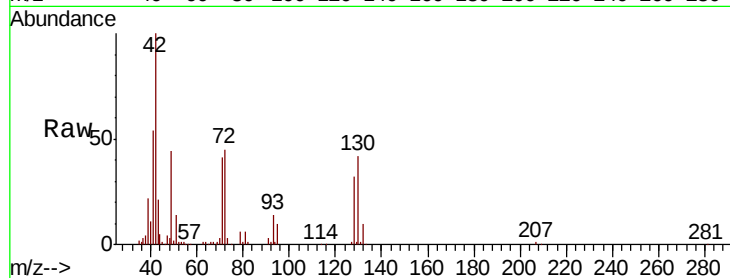
ClientSampleId :

VW0910SBS01

Tot Ion:	42	Resp:	82506
Ion Ratio		Lower	Upper
42	100		
72	45.8	37.5	56.3
71	43.1	34.8	52.2

Manual Integrations
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#30

Chloroform

Concen: 20.97 ug/l

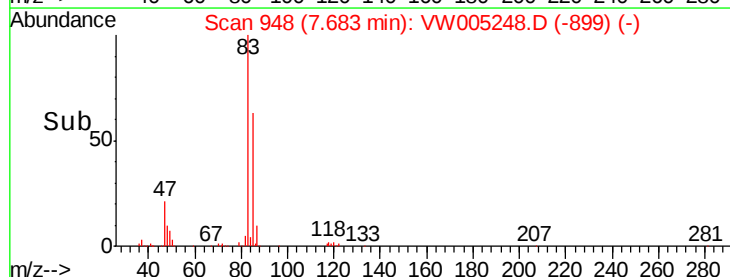
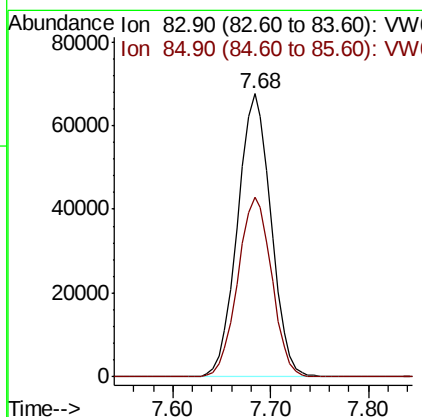
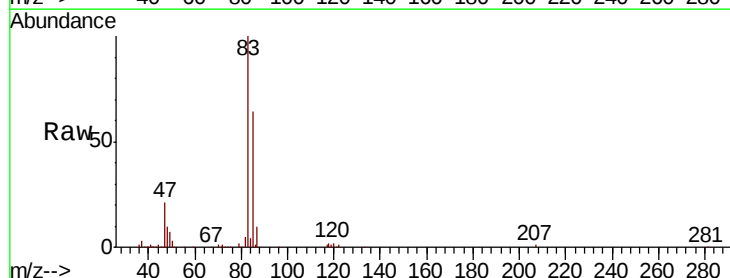
RT: 7.68 min Scan# 948

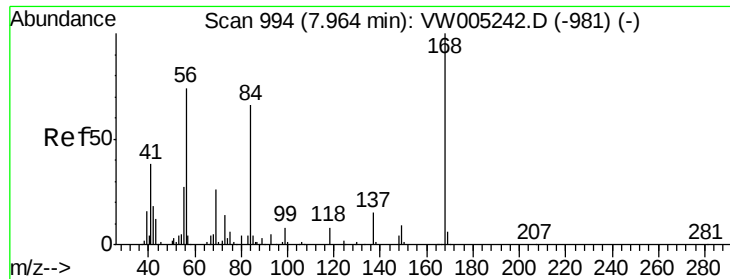
Delta R.T. 0.00 min

Lab File: VW005248.D

Acq: 10 Sep 2018 18:46

Tgt Ion:	83	Resp:	160857
Ion Ratio		Lower	Upper
83	100		
85	63.6	51.7	77.5





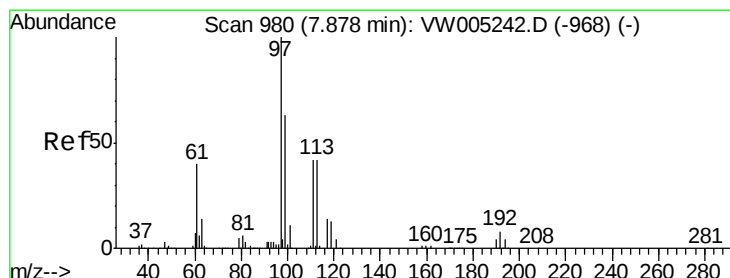
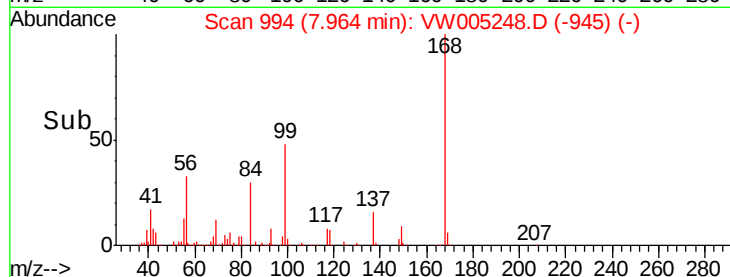
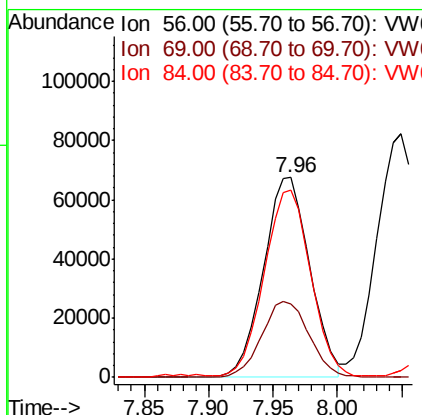
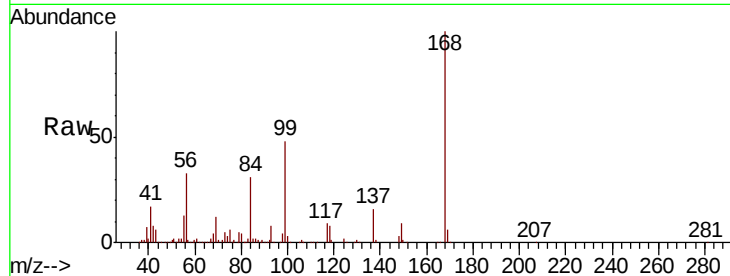
#31
Cvclohexane
Concen: 20.70 ug/l
RT: 7.96 min Scan# 994
Delta R.T. 0.00 min
Lab File: VW005248.D
Acq: 10 Sep 2018 18:46

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBS01

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	37.0	27.8	41.8	
84	92.8	72.1	108.1	

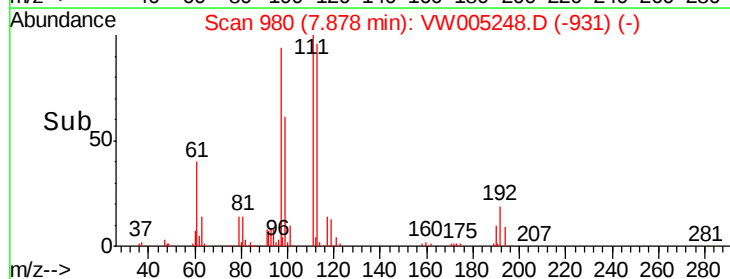
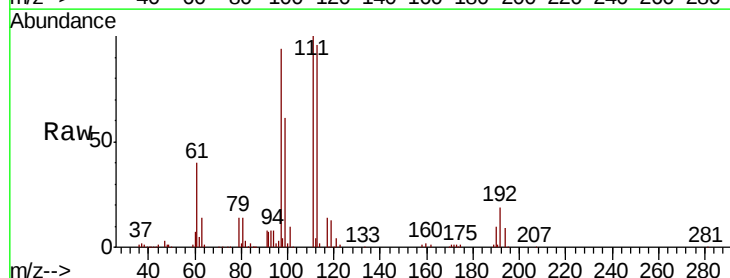
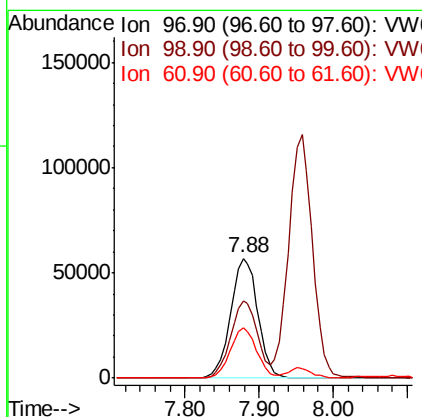
Manual Integrations
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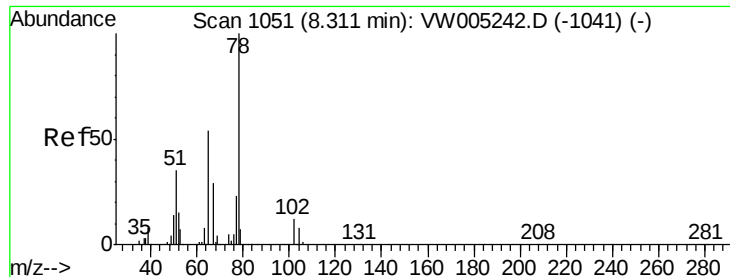
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#32
1,1,1-Trichloroethane
Concen: 20.87 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.00 min
Lab File: VW005248.D
Acq: 10 Sep 2018 18:46

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	64.0	51.5	77.3	
61	40.9	32.5	48.7	





#33

1,2-Dichloroethane-d4

Concen: 54.43 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW005248.D

Acq: 10 Sep 2018 18:46

Instrument :

MSVOA_W

ClientSampled :

VW0910SBS01

Tot Ion: 65 Resp: 206914

Ion Ratio Lower Upper

65 100

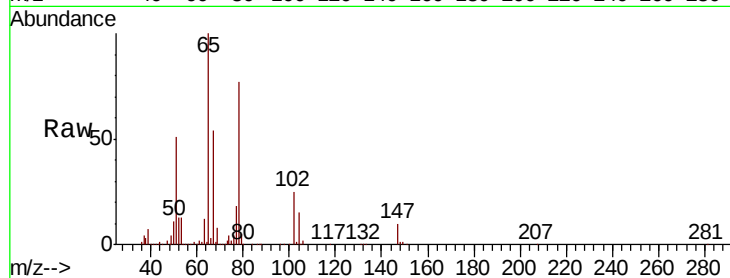
67 55.3 0.0 112.2

Manual Integrations

APPROVED

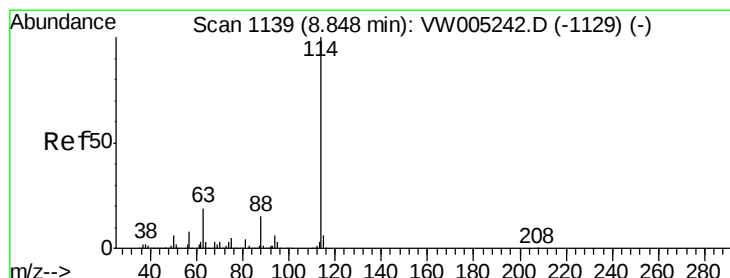
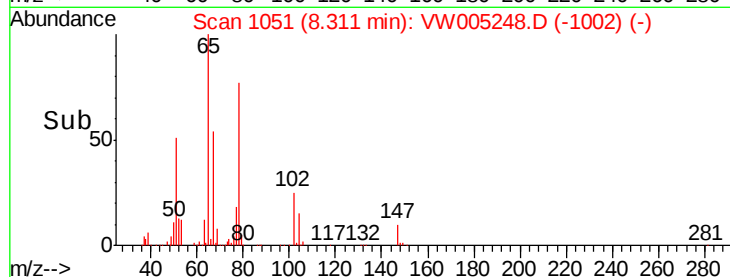
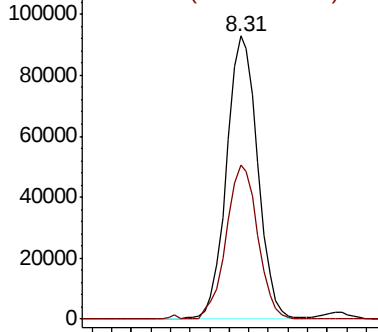
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Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW005248.D

Acq: 10 Sep 2018 18:46

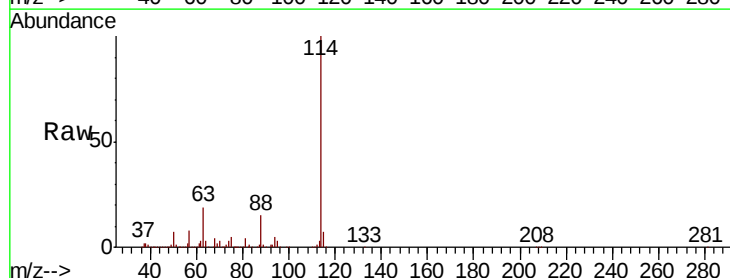
Tgt Ion: 114 Resp: 737510

Ion Ratio Lower Upper

114 100

63 19.4 0.0 37.0

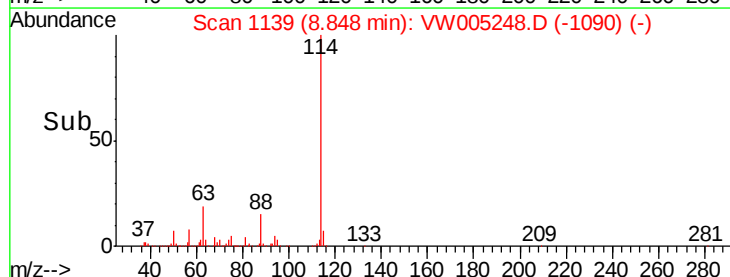
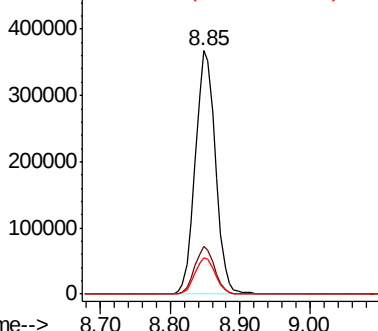
88 14.6 0.0 30.4

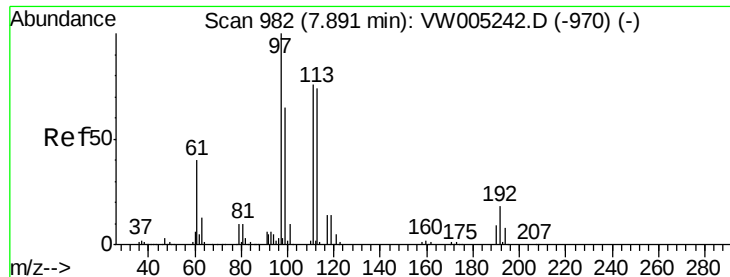


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





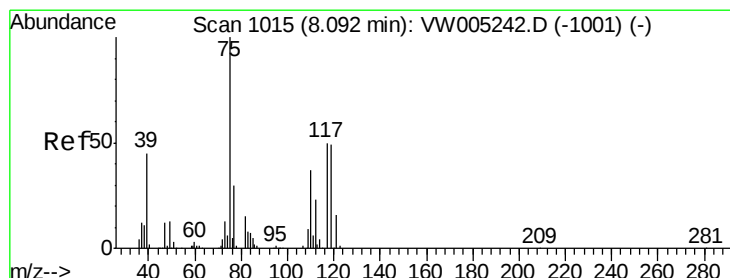
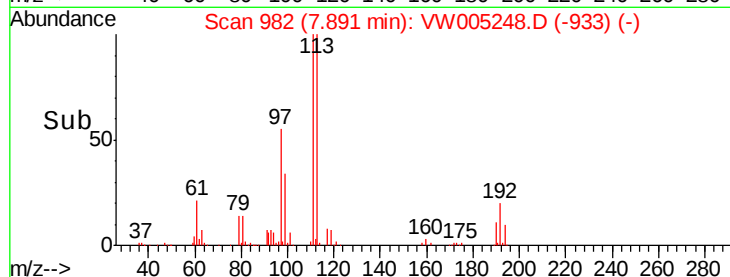
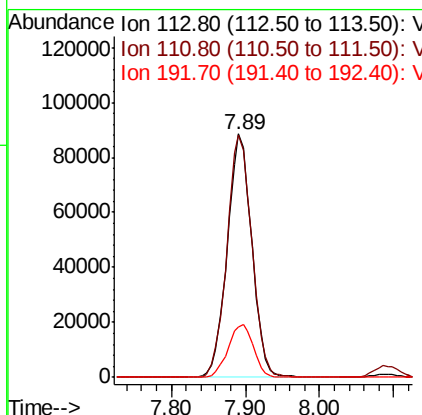
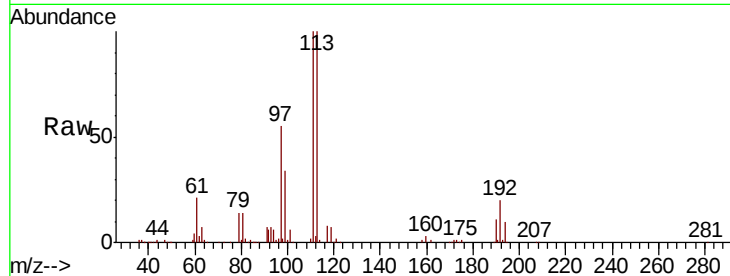
#35
 Dibromofluoromethane
 Concen: 52.75 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW005248.D
 Acq: 10 Sep 2018 18:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0910SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	203783		
111	101.4		80.6	121.0
192	22.4		18.3	27.5

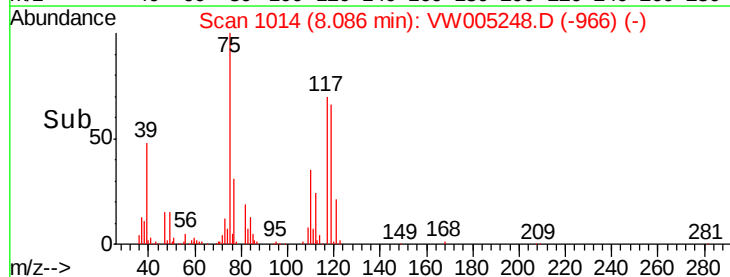
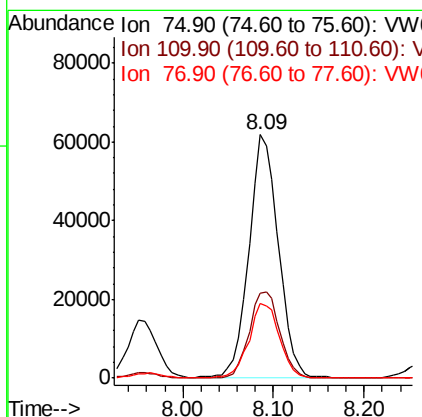
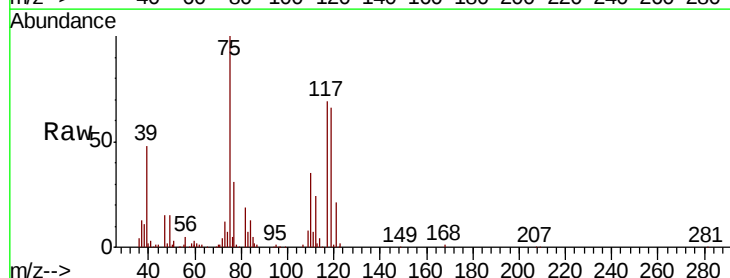
Manual Integrations
 APPROVED

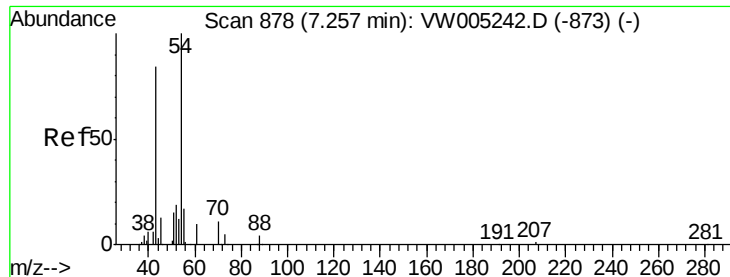
apatel
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#36
 1,1-Dichloropropene
 Concen: 20.45 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: VW005248.D
 Acq: 10 Sep 2018 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	138165		
110	37.0		18.8	56.4
77	32.2		24.9	37.3





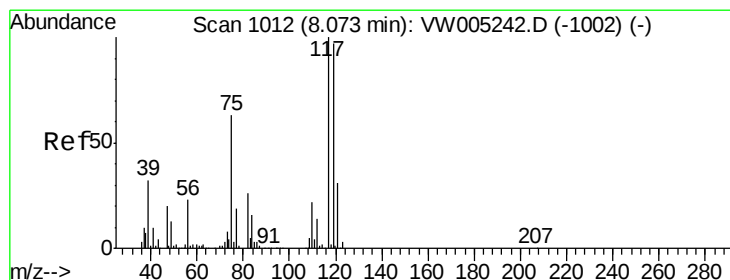
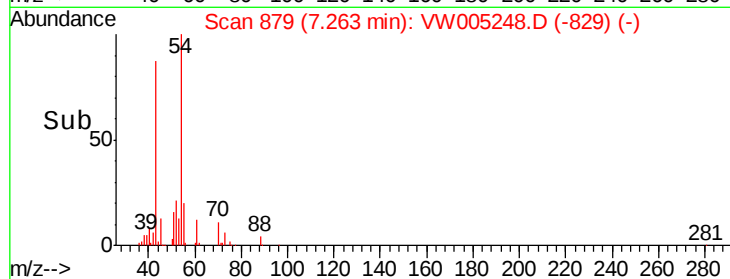
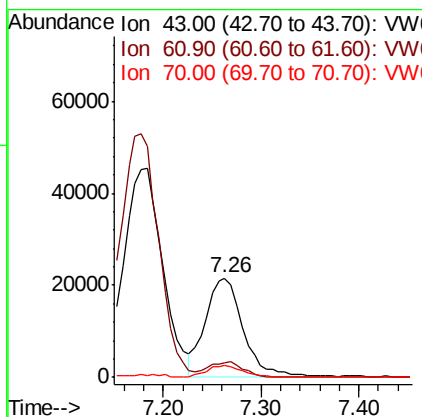
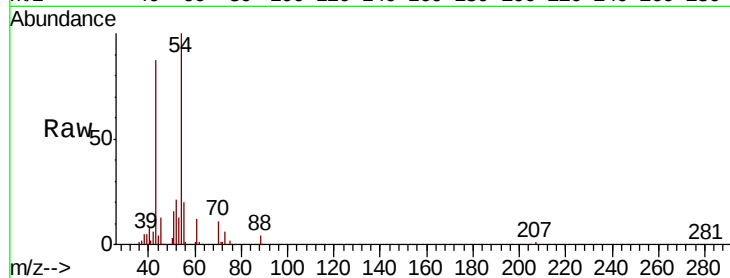
#37
Ethyl Acetate
Concen: 22.14 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: VW005248.D
Acq: 10 Sep 2018 18:46

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.5	12.3	18.5
70	11.8	9.5	14.3

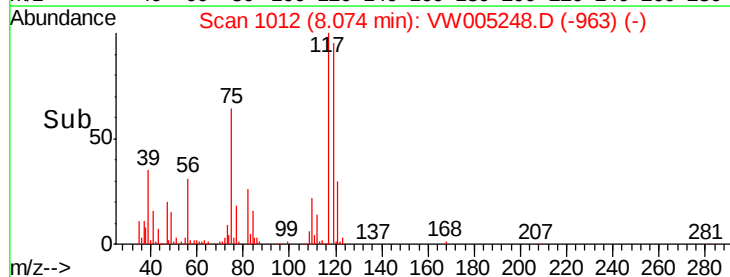
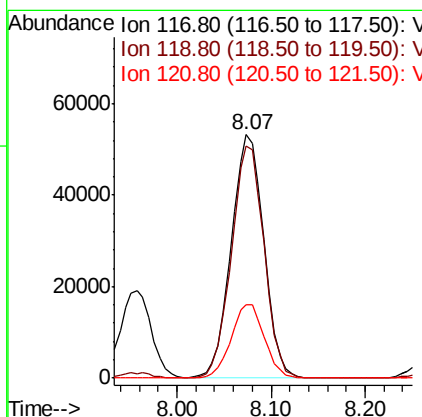
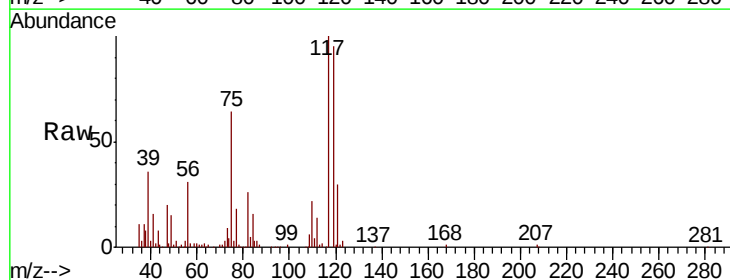
Manual Integrations
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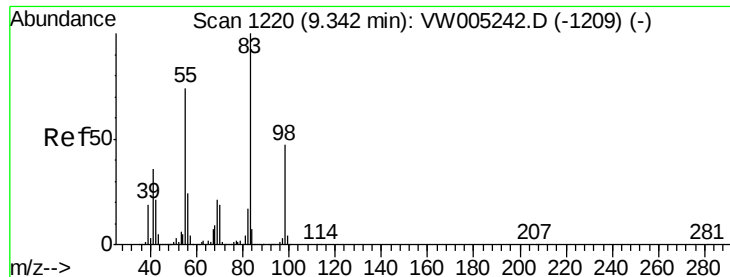
apatel
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#38
Carbon Tetrachloride
Concen: 20.28 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW005248.D
Acq: 10 Sep 2018 18:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.2	77.5	116.3
121	30.1	24.7	37.1





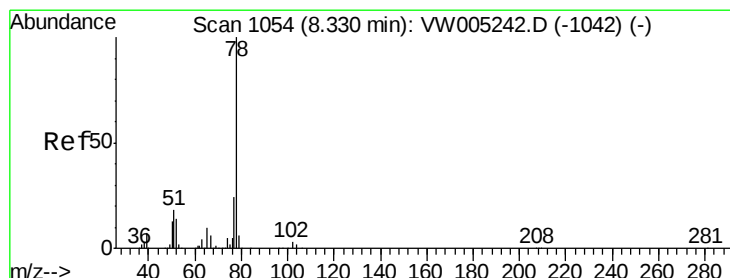
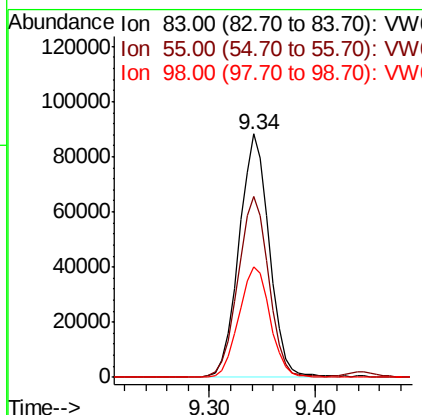
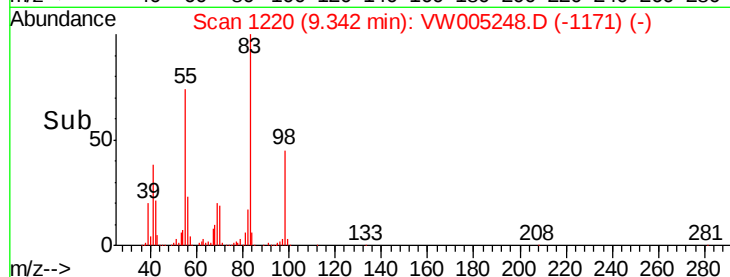
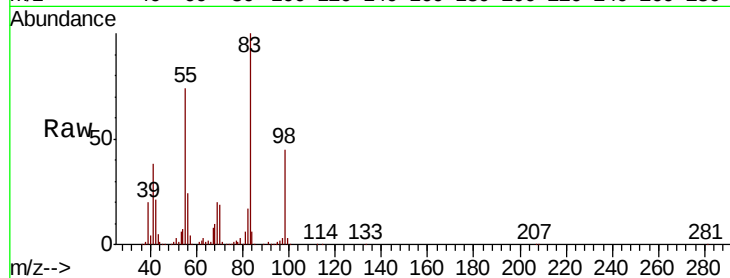
#39
Methvlcvclohexane
Concen: 19.62 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW005248.D
Acq: 10 Sep 2018 18:46

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.1	58.9	88.3
98	45.3	37.6	56.4

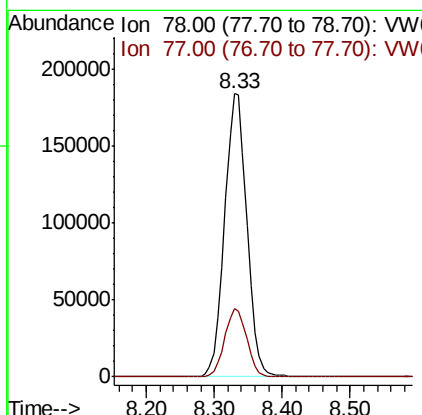
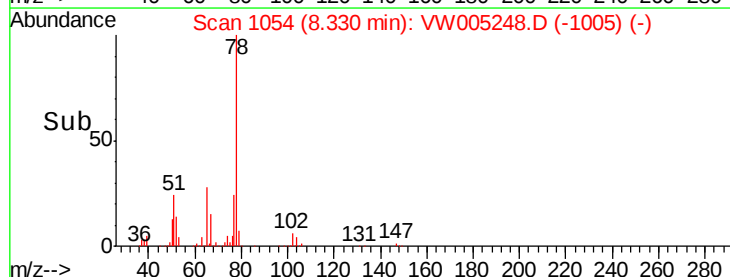
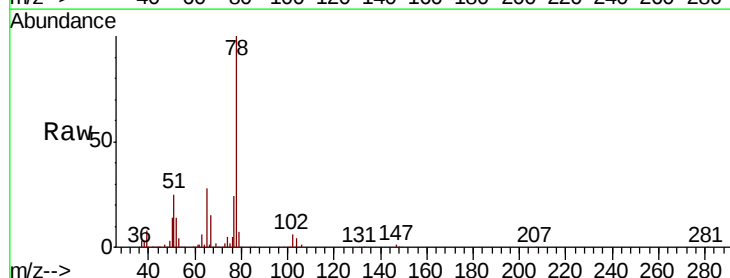
Manual Integrations
APPROVED

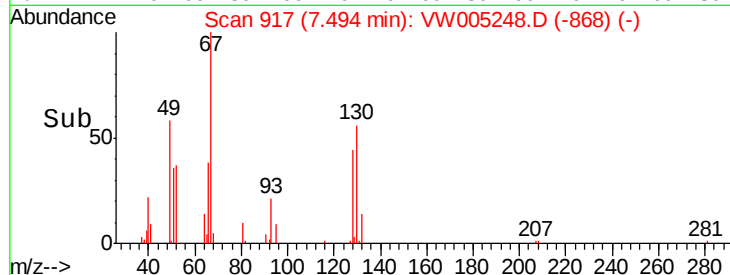
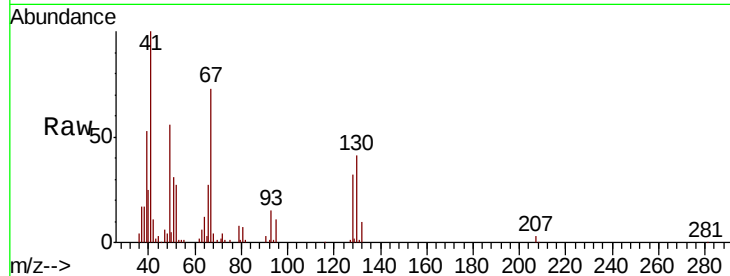
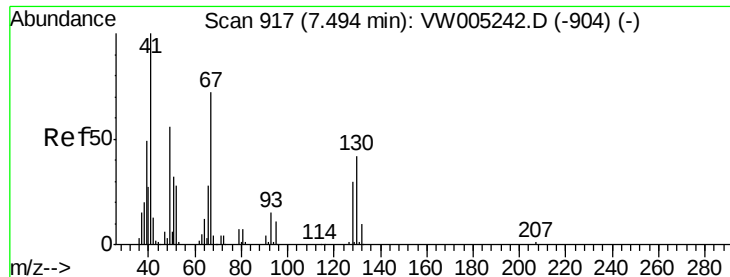
apatel
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#40
Benzene
Concen: 20.92 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW005248.D
Acq: 10 Sep 2018 18:46

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.9	28.3





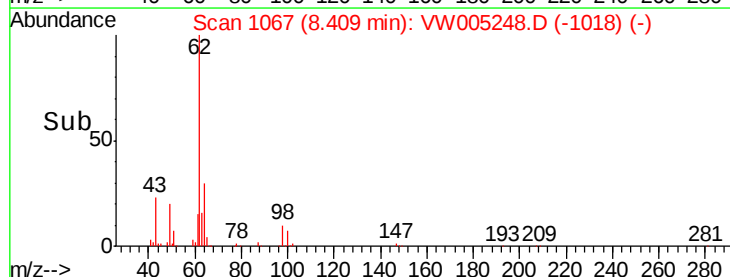
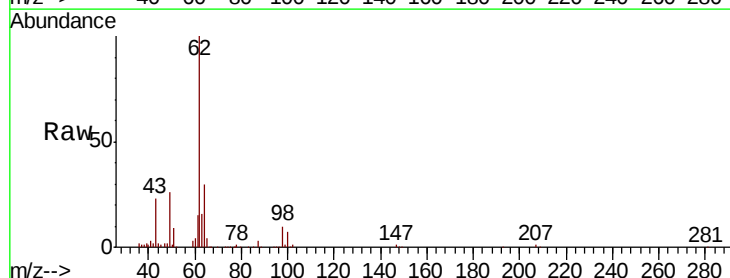
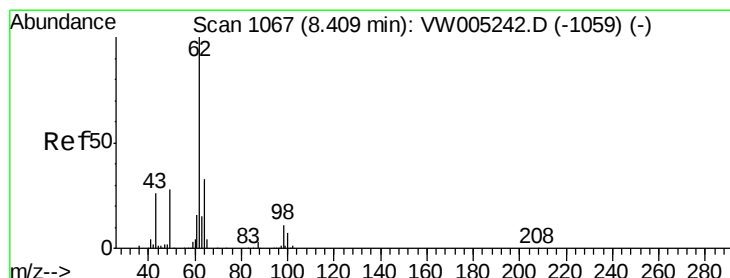
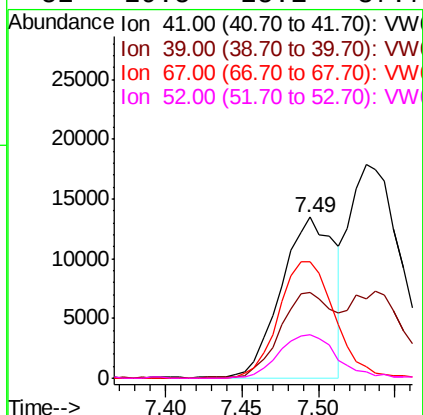
#41
Methacrylonitrile
Concen: 25.05 ug/l
RT: 7.49 min Scan# 917
Delta R.T. 0.00 min
Lab File: VW005248.D
Acq: 10 Sep 2018 18:46

Tot Ion	41	Resp	33035
Ion	Ratio	Lower	Upper
41	100		
39	53.5	39.9	59.9
67	75.6	65.7	98.5
52	29.5	25.1	37.7

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBS01

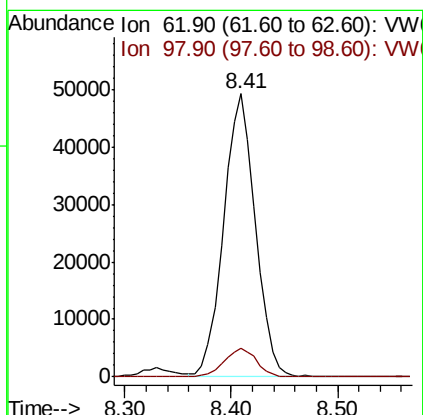
Manual Integrations
APPROVED

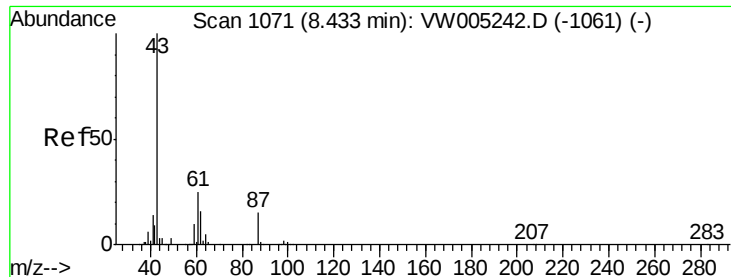
apatel
9/11/2018 11:09:54 AM



#42
1,2-Dichloroethane
Concen: 21.53 ug/l
RT: 8.41 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VW005248.D
Acq: 10 Sep 2018 18:46

Tgt Ion	62	Resp	102540
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	22.0





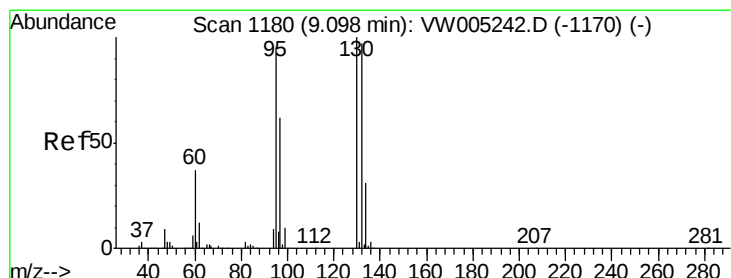
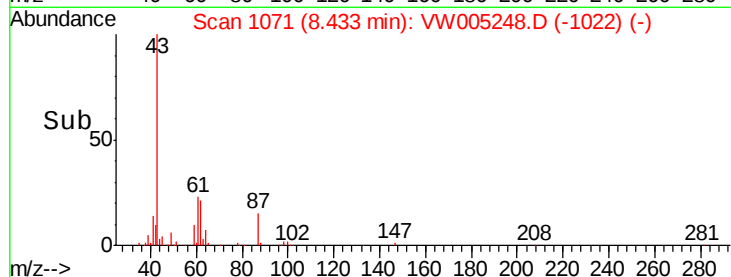
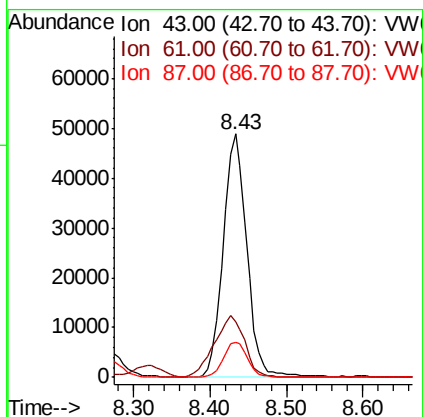
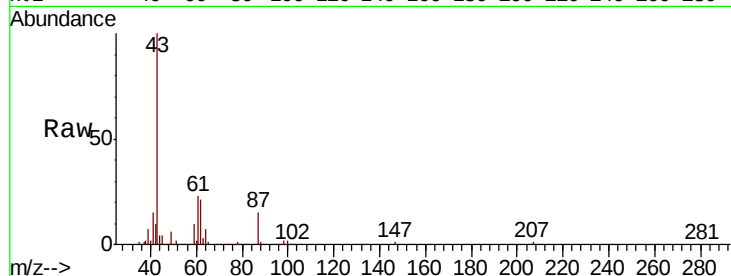
#43
Isopropyl Acetate
Concen: 21.69 ug/l
RT: 8.43 min Scan# 1071
Delta R.T. 0.00 min
Lab File: VW005248.D
Acq: 10 Sep 2018 18:46

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	32.7	25.4	38.0
87	14.9	11.9	17.9

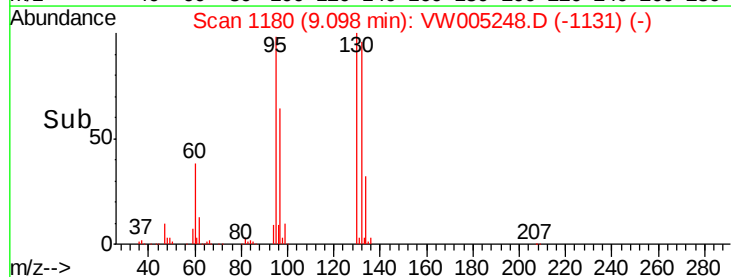
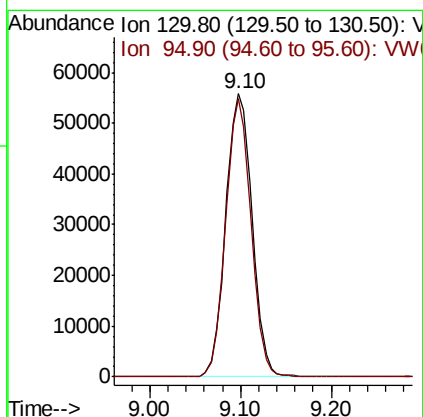
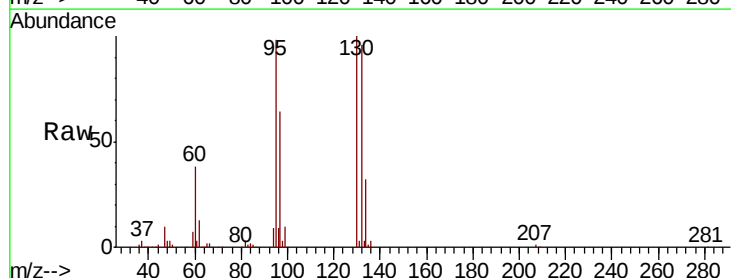
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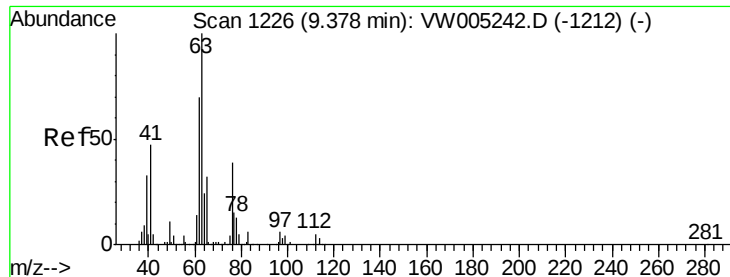
apatel
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#44
Trichloroethene
Concen: 20.65 ug/l
RT: 9.10 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VW005248.D
Acq: 10 Sep 2018 18:46

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.3	0.0	189.6





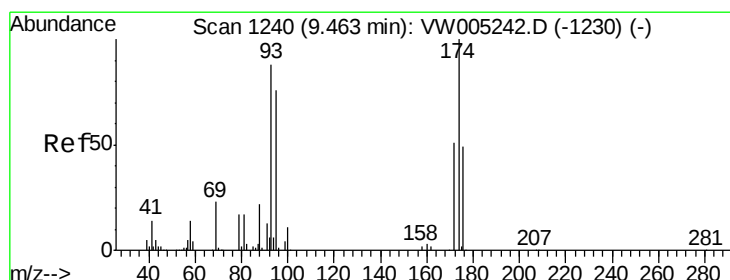
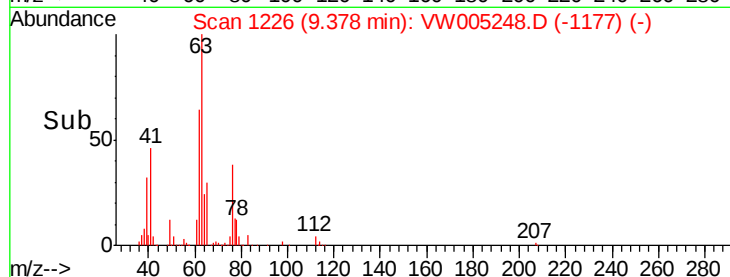
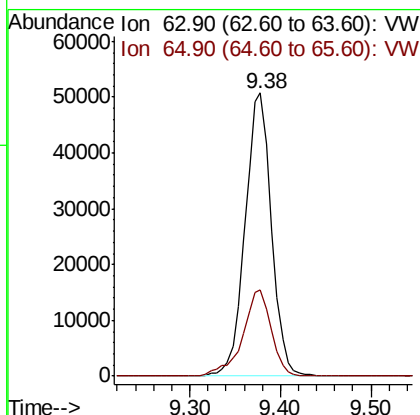
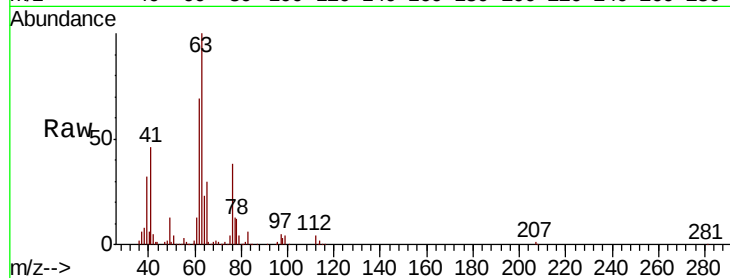
#45
 1,2-Dichloropropane
 Concen: 21.23 ug/l
 RT: 9.38 min Scan# 1226
 Delta R.T. 0.00 min
 Lab File: VW005248.D
 Acq: 10 Sep 2018 18:46

Instrument :
 MSVOA_W
 ClientSampled :
 VW0910SBS01

Tot Ion	63	Resp	101561
Ion	Ratio	Lower	Upper
63	100		
65	30.3	25.4	38.2

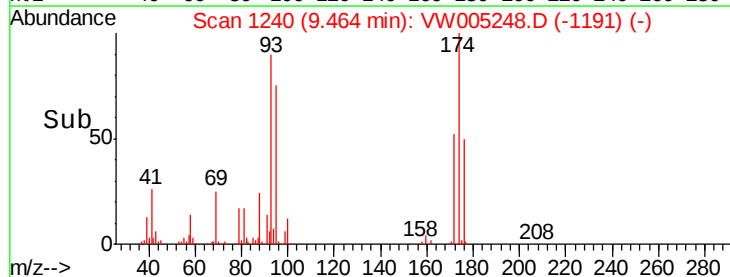
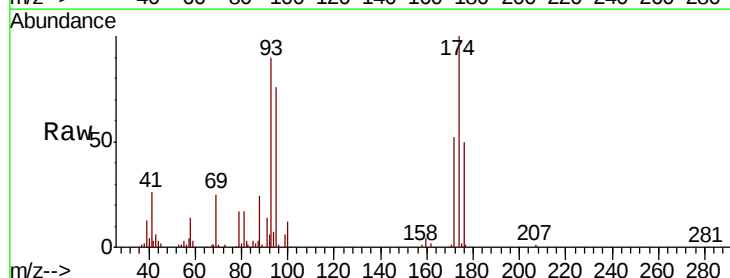
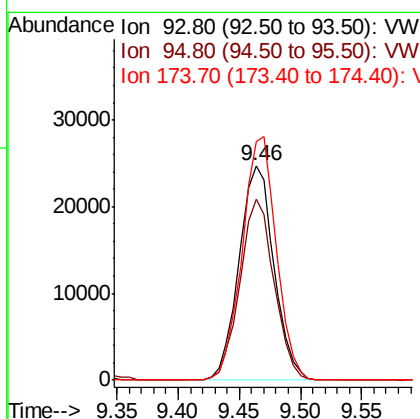
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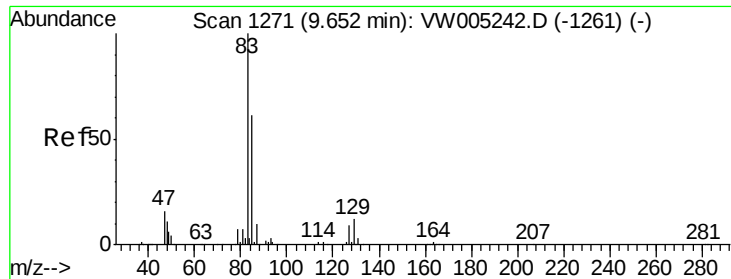
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#46
 Dibromomethane
 Concen: 20.89 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW005248.D
 Acq: 10 Sep 2018 18:46

Tgt Ion	93	Resp	48926
Ion	Ratio	Lower	Upper
93	100		
95	82.7	67.0	100.4
174	111.5	92.2	138.2





#47

Bromodichloromethane

Concen: 21.11 ug/l

RT: 9.65 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VW005248.D

Acq: 10 Sep 2018 18:46

Instrument :

MSVOA_W

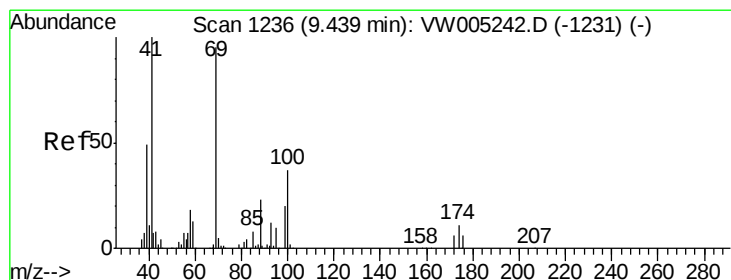
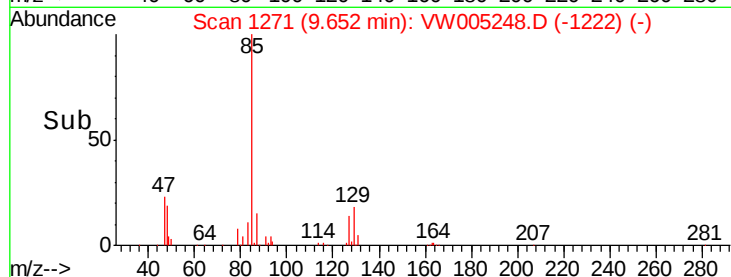
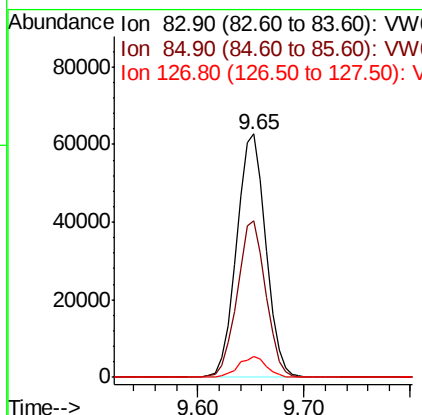
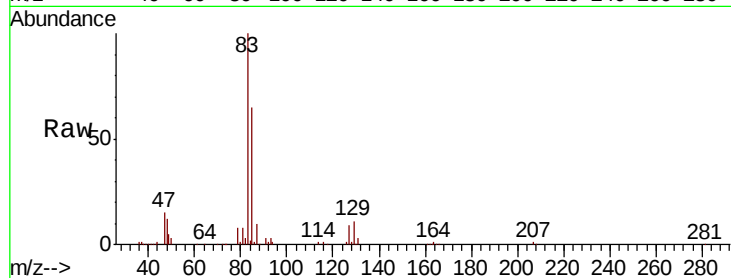
ClientSampled :

VW0910SBS01

Tot Ion:	83	Resp:	120933
Ion Ratio	Lower	Upper	
83	100		
85	64.5	49.0	73.6
127	8.8	7.0	10.4

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#48

Methyl methacrylate

Concen: 19.60 ug/l

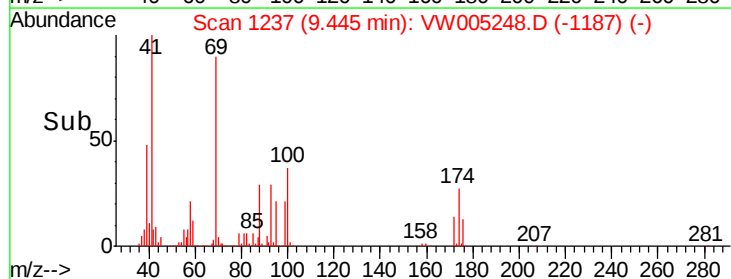
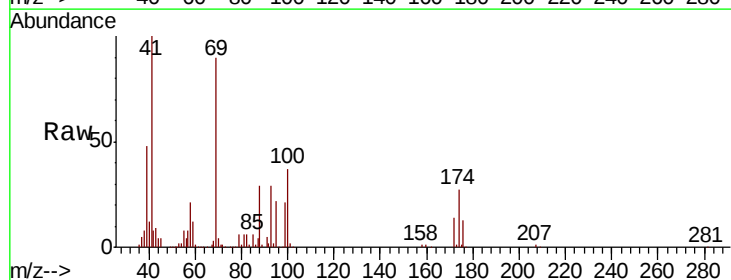
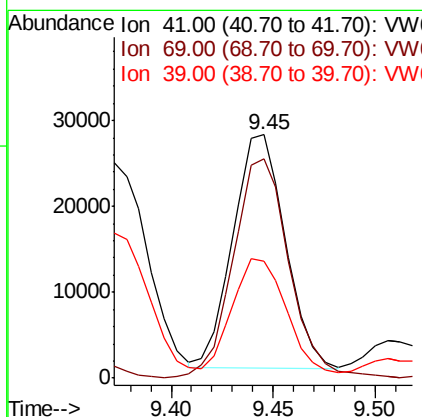
RT: 9.45 min Scan# 1237

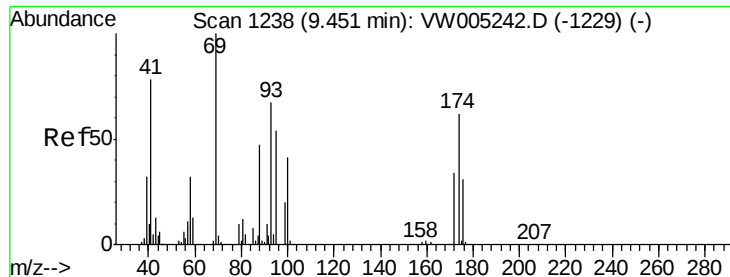
Delta R.T. 0.01 min

Lab File: VW005248.D

Acq: 10 Sep 2018 18:46

Tgt Ion:	41	Resp:	48581
Ion Ratio	Lower	Upper	
41	100		
69	99.6	74.6	112.0
39	49.1	36.7	55.1





#49

1,4-Dioxane

Concen: 427.53 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. 0.00 min

Lab File: VW005248.D

Acq: 10 Sep 2018 18:46

Instrument :

MSVOA_W

ClientSampled :

VW0910SBS01

Tot Ion: 88 Resp: 18695

Ion Ratio Lower Upper

88 100

43 25.4 22.7 34.1

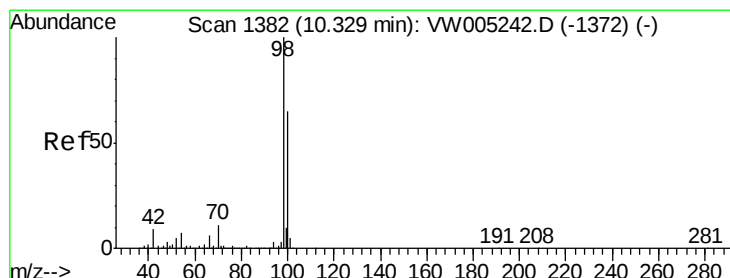
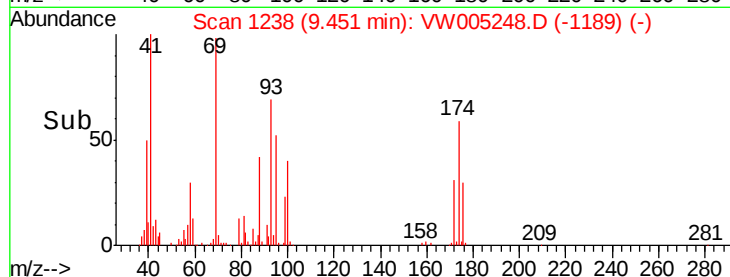
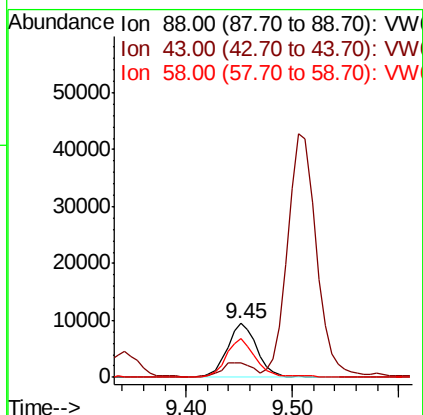
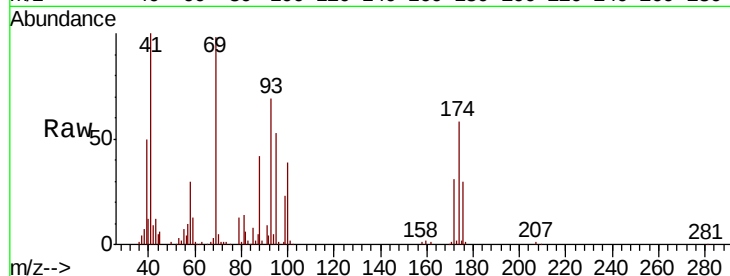
58 68.8 56.6 85.0

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#50

Toluene-d8

Concen: 51.85 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW005248.D

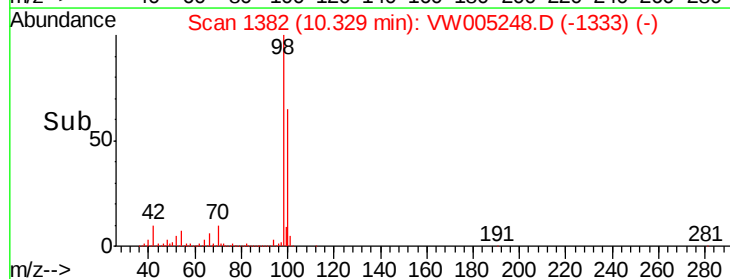
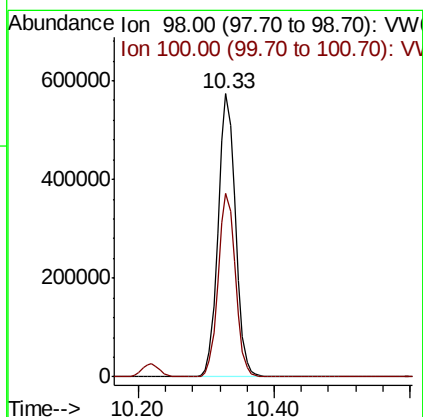
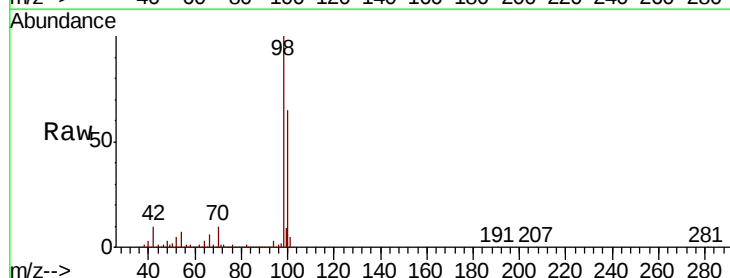
Acq: 10 Sep 2018 18:46

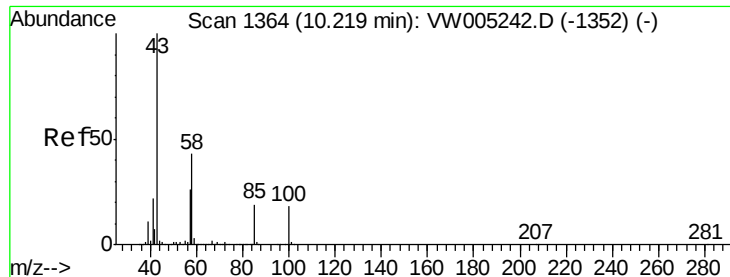
Tgt Ion: 98 Resp: 1012126

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 108.47 ug/l

RT: 10.22 min Scan# 1364

Delta R.T. 0.00 min

Lab File: VW005248.D

Acq: 10 Sep 2018 18:46

Instrument :

MSVOA_W

ClientSampled :

VW0910SBS01

Tot Ion: 43 Resp: 291312

Ion Ratio Lower Upper

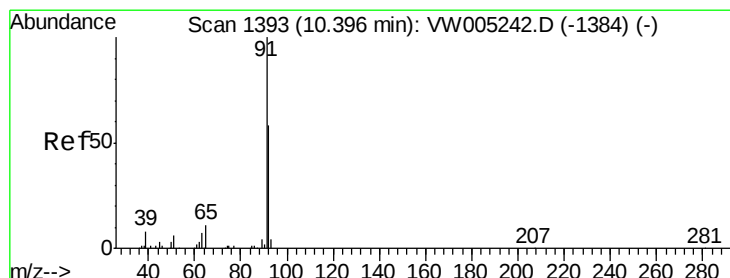
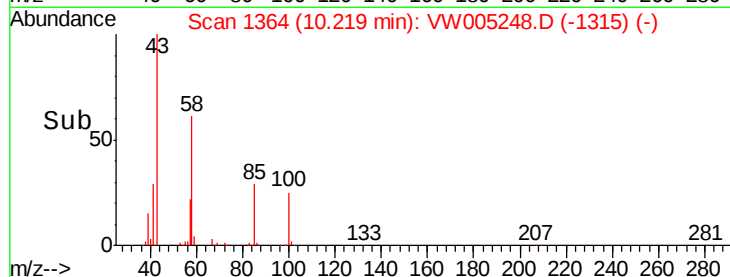
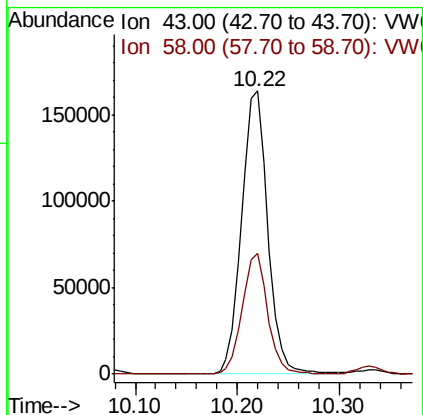
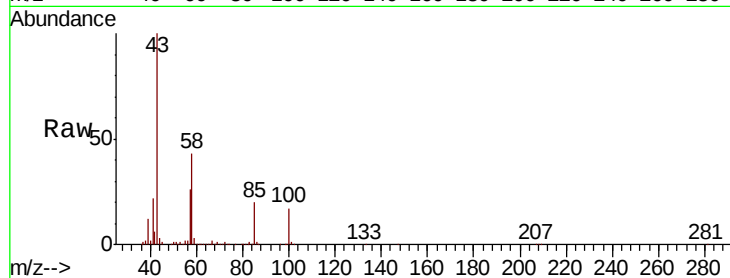
43 100

58 41.5 33.8 50.6

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#52

Toluene

Concen: 20.81 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW005248.D

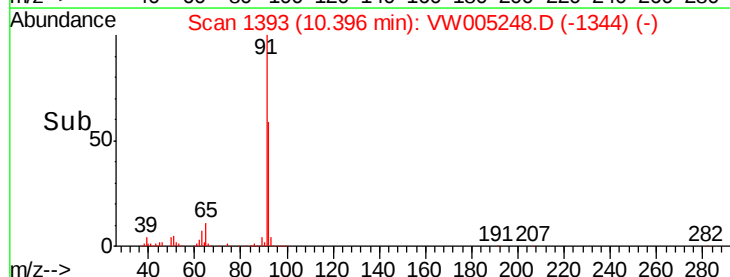
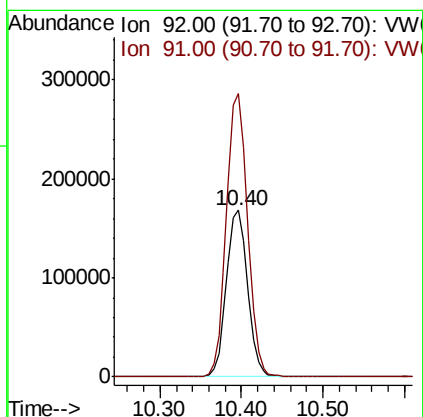
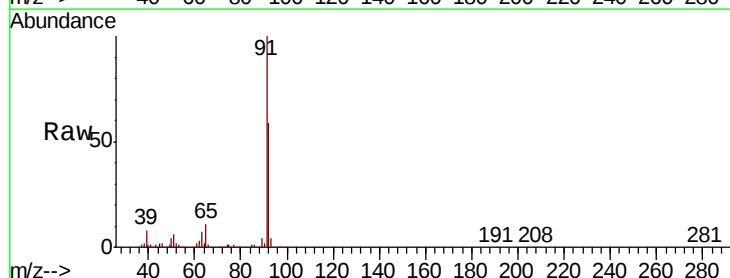
Acq: 10 Sep 2018 18:46

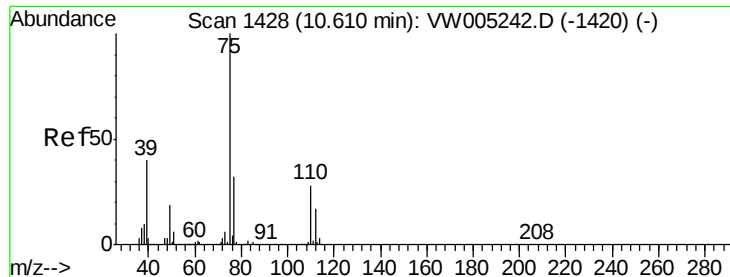
Tgt Ion: 92 Resp: 301105

Ion Ratio Lower Upper

92 100

91 170.4 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 20.73 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW005248.D

Acq: 10 Sep 2018 18:46

Instrument :

MSVOA_W

ClientSampled :

VW0910SBS01

Tot Ion: 75 Resp: 128350

Ion Ratio Lower Upper

75 100

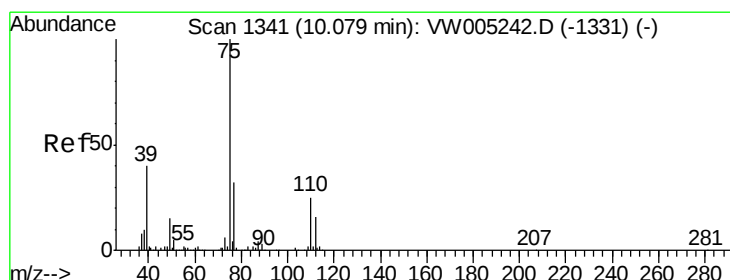
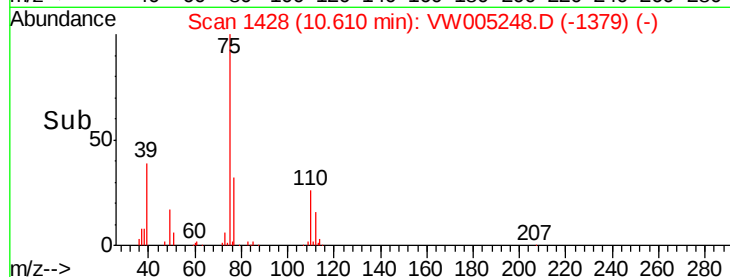
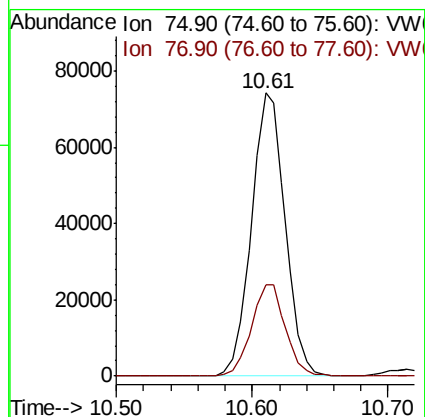
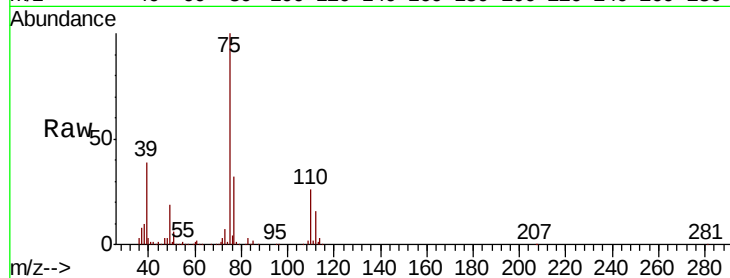
77 32.0 25.8 38.8

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#54

cis-1,3-Dichloropropene

Concen: 21.08 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. 0.00 min

Lab File: VW005248.D

Acq: 10 Sep 2018 18:46

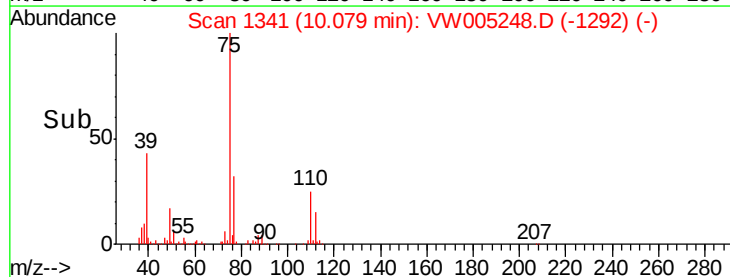
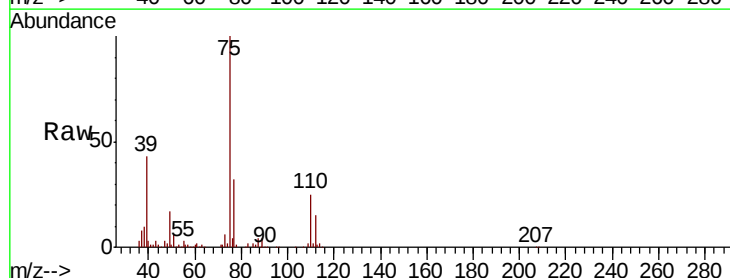
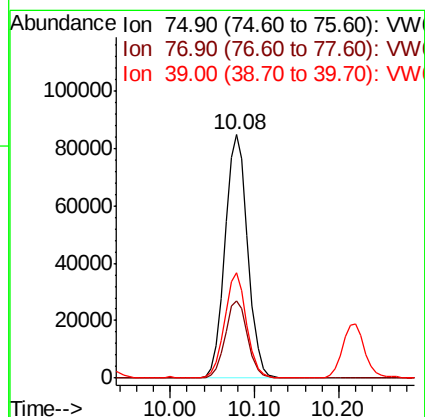
Tgt Ion: 75 Resp: 156279

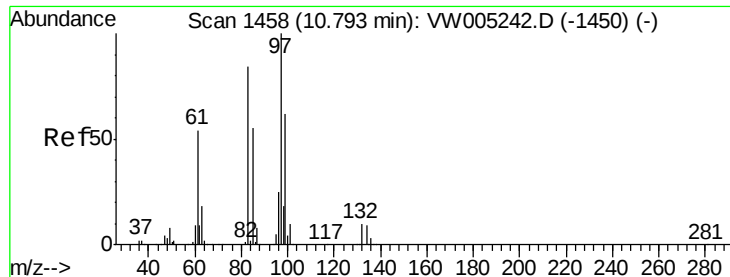
Ion Ratio Lower Upper

75 100

77 32.0 25.5 38.3

39 43.2 31.8 47.6





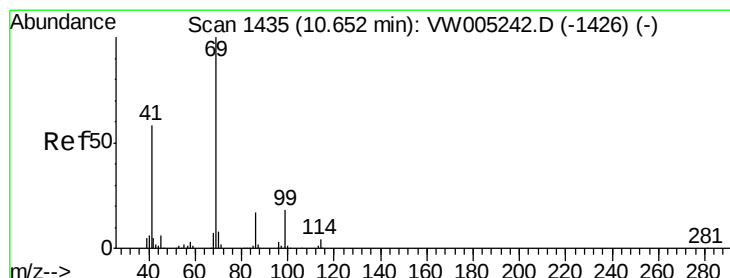
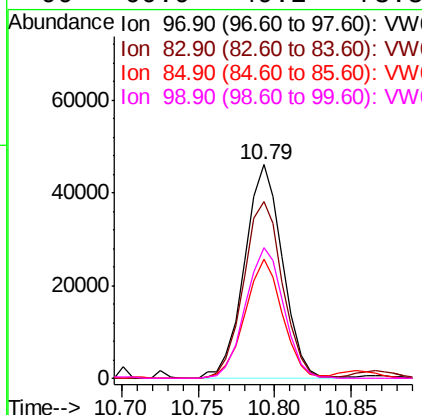
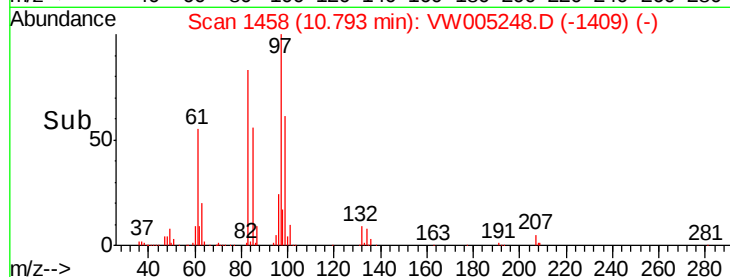
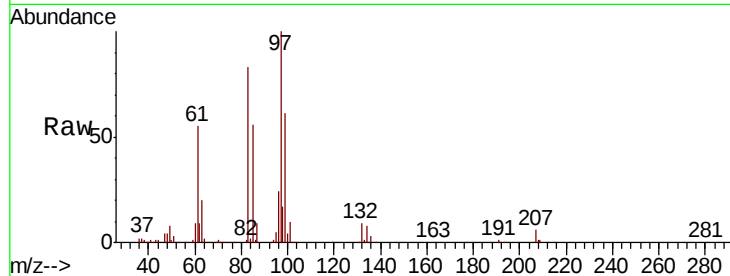
#55
 1,1,2-Trichloroethane
 Concen: 21.27 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW005248.D
 Acq: 10 Sep 2018 18:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0910SBS01

Tot Ion:	97	Resp:	79434
Ion	Ratio	Lower	Upper
97	100		
83	82.8	67.2	100.8
85	55.7	44.4	66.6
99	60.9	49.2	73.8

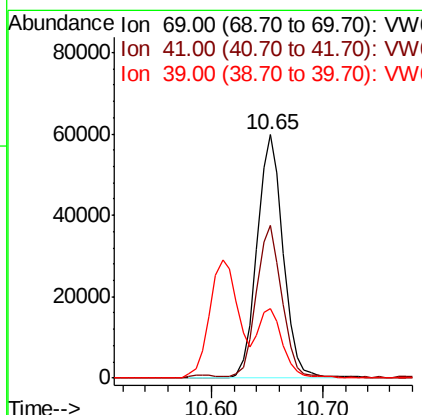
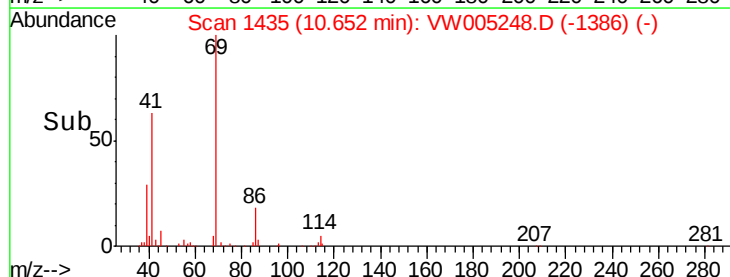
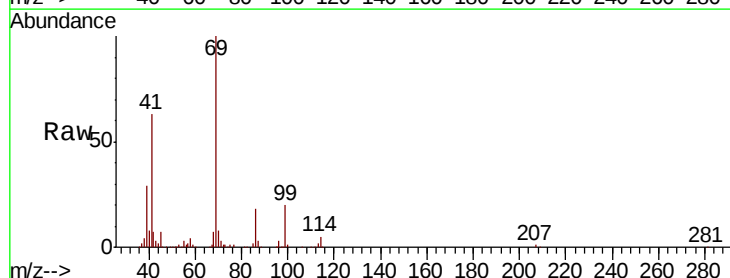
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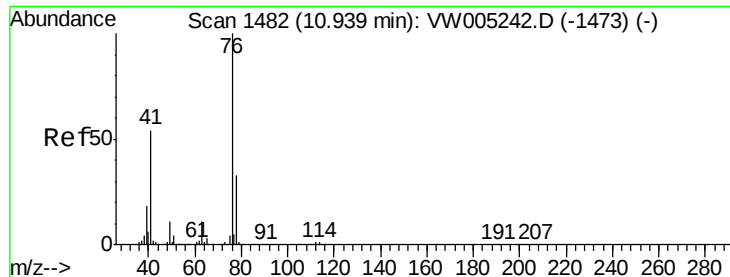
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#56
 Ethyl methacrylate
 Concen: 20.58 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: VW005248.D
 Acq: 10 Sep 2018 18:46

Tgt Ion:	69	Resp:	97435
Ion	Ratio	Lower	Upper
69	100		
41	61.7	48.7	73.1
39	27.0	20.9	31.3





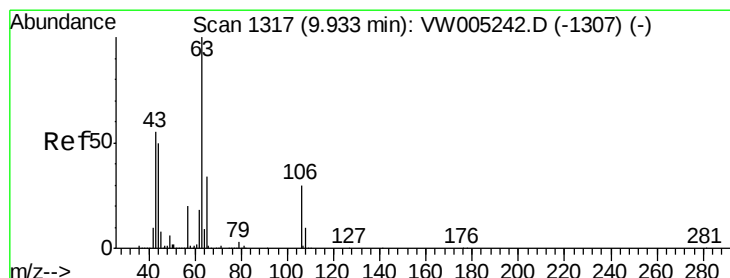
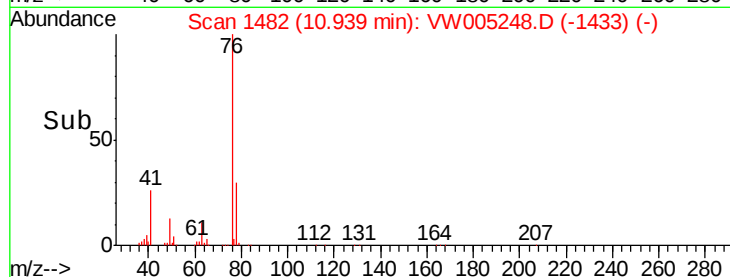
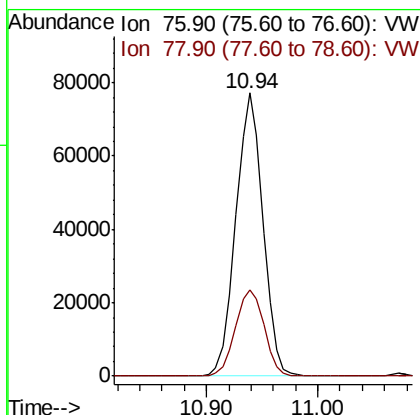
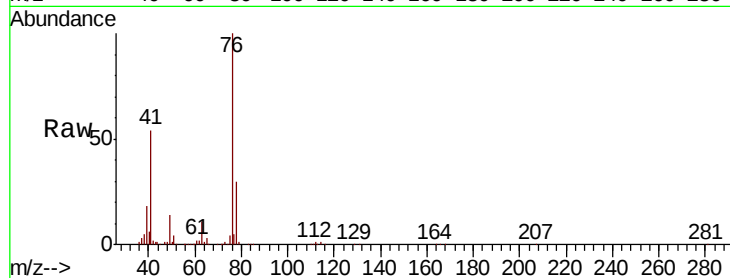
#57
 1,3-Dichloropropane
 Concen: 21.01 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. 0.00 min
 Lab File: VW005248.D
 Acq: 10 Sep 2018 18:46

Instrument :
 MSVOA_W
 ClientSampled :
 VW0910SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	26.0	39.0

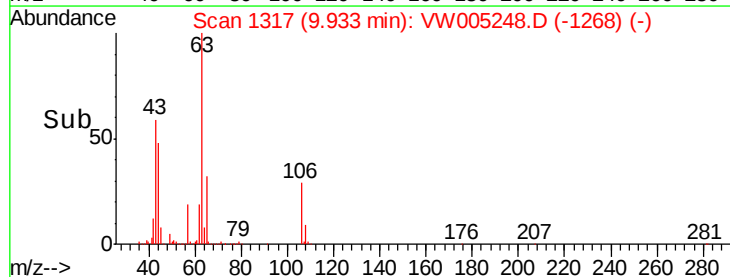
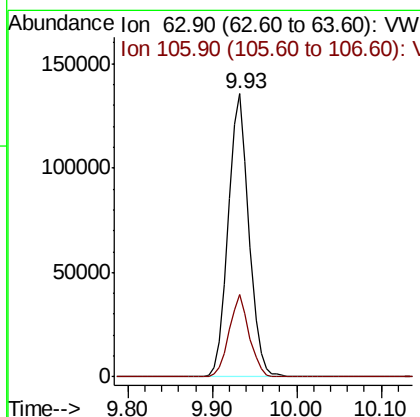
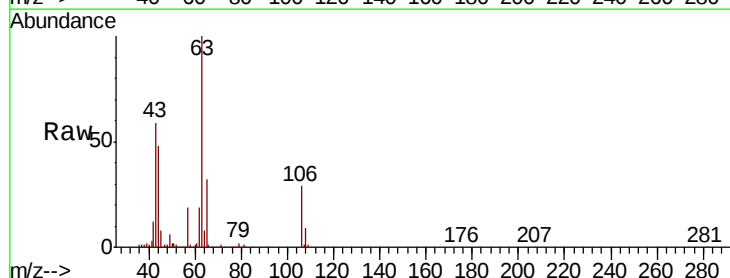
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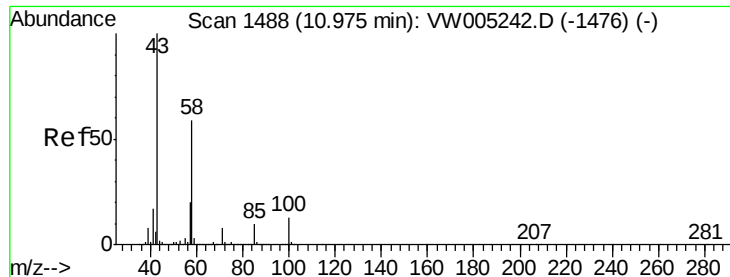
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#58
 2-Chloroethyl Vinyl ether
 Concen: 110.54 ug/l
 RT: 9.93 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VW005248.D
 Acq: 10 Sep 2018 18:46

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.2	23.4	35.0





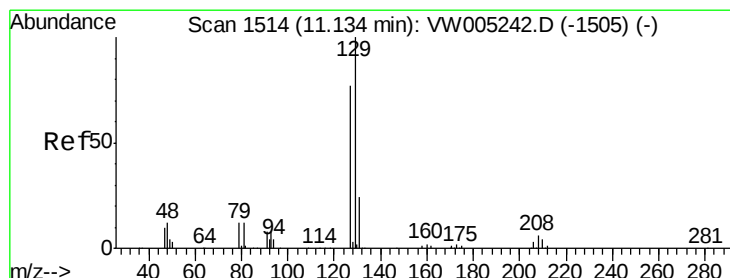
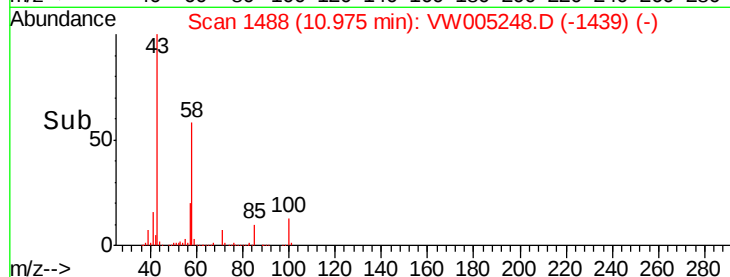
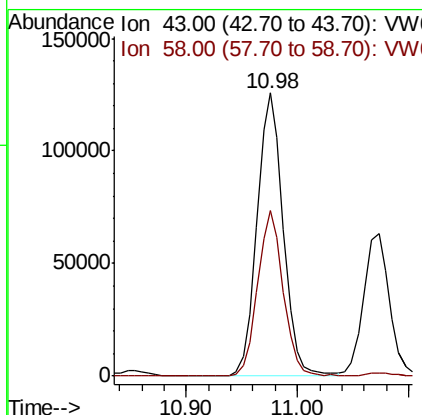
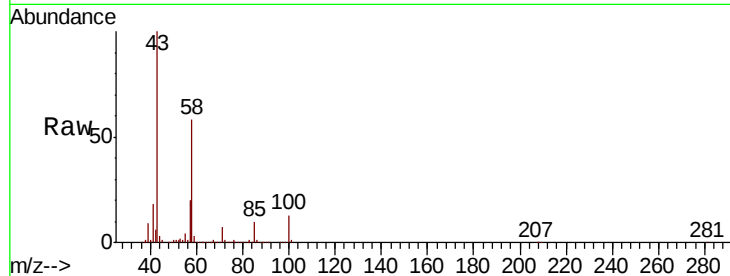
#59
2-Hexanone
Concen: 106.41 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW005248.D
Acq: 10 Sep 2018 18:46

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBS01

Tot Ion: 43 Resp: 206027
Ion Ratio Lower Upper
43 100
58 57.1 29.3 87.9

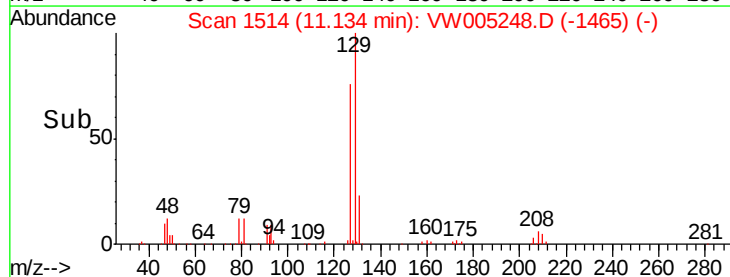
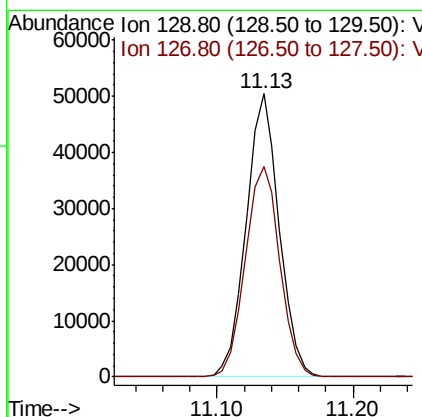
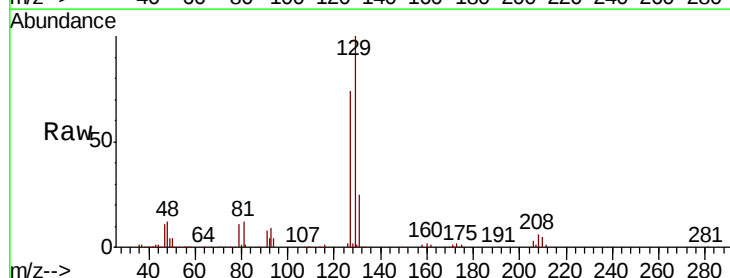
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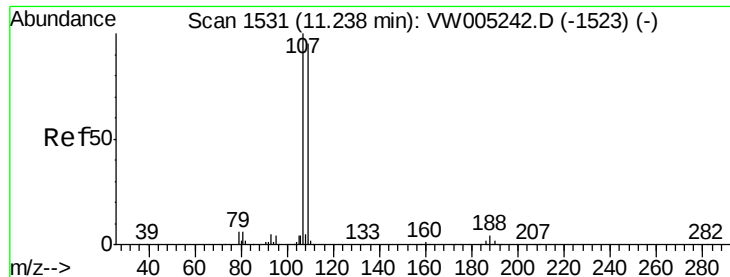
apatel
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#60
Dibromochloromethane
Concen: 20.69 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW005248.D
Acq: 10 Sep 2018 18:46

Tgt Ion: 129 Resp: 85733
Ion Ratio Lower Upper
129 100
127 78.0 39.0 117.0





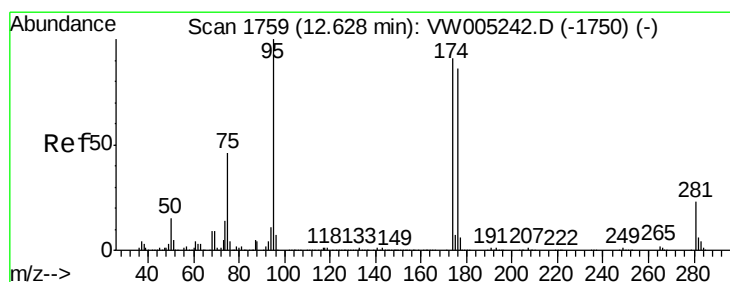
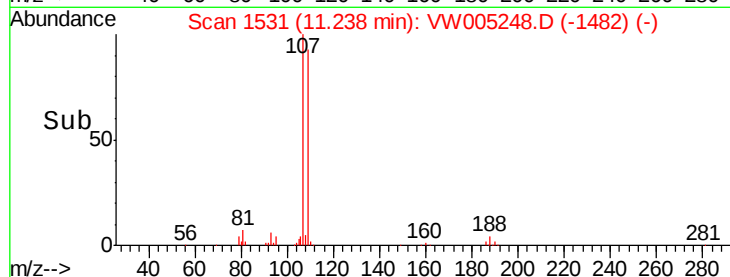
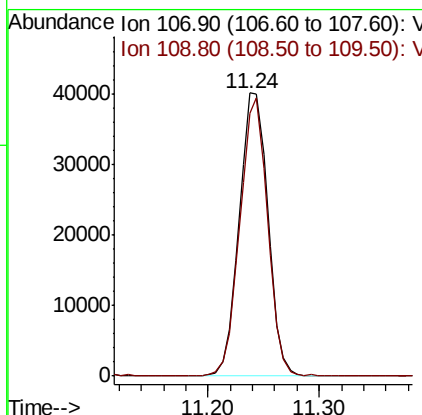
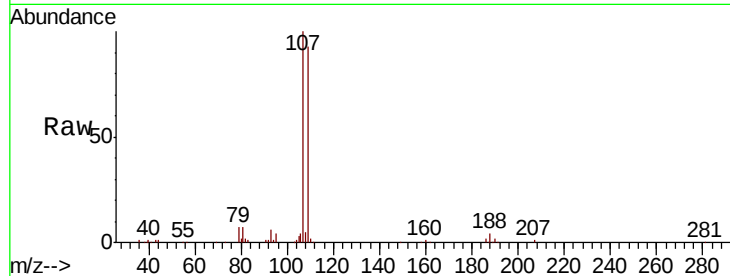
#61
 1,2-Dibromoethane
 Concen: 21.07 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW005248.D
 Acq: 10 Sep 2018 18:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0910SBS01

Tot Ion: 107 Resp: 72166
 Ion Ratio Lower Upper
 107 100
 109 94.5 75.7 113.5

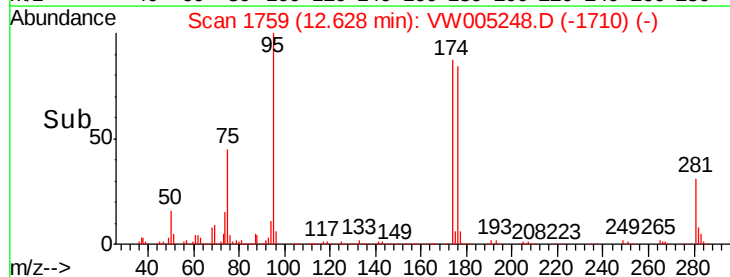
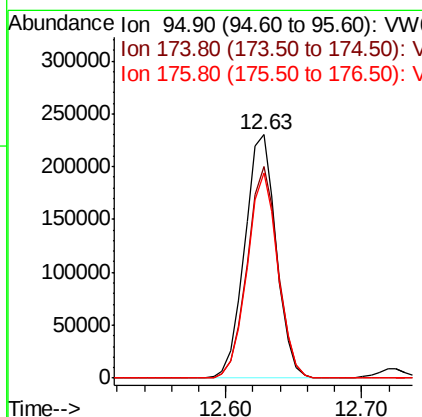
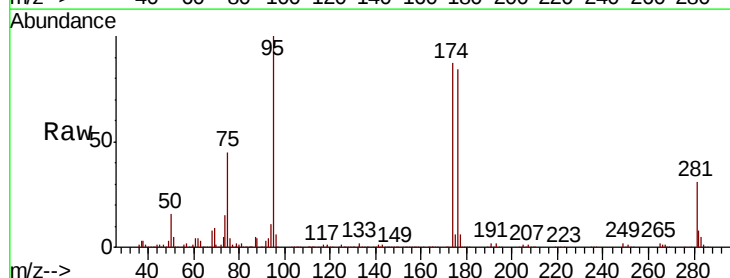
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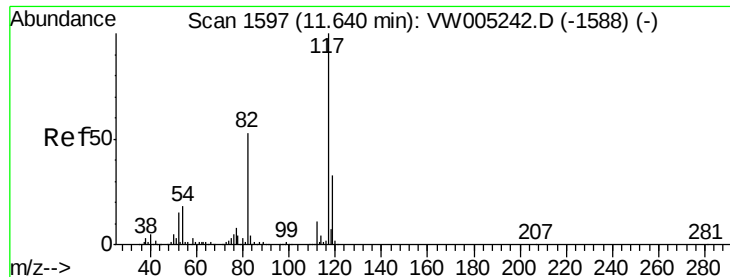
apatel
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#62
 4-Bromofluorobenzene
 Concen: 52.02 ug/l
 RT: 12.63 min Scan# 1759
 Delta R.T. 0.00 min
 Lab File: VW005248.D
 Acq: 10 Sep 2018 18:46

Tgt Ion: 95 Resp: 371459
 Ion Ratio Lower Upper
 95 100
 174 85.3 0.0 174.6
 176 82.7 0.0 167.6





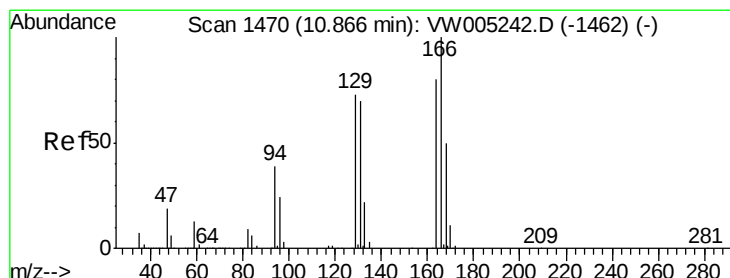
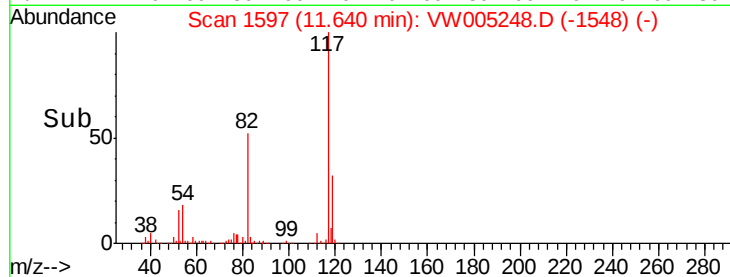
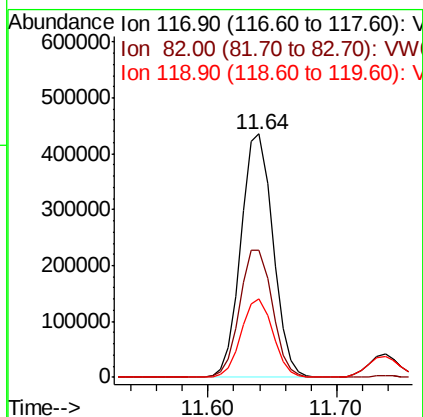
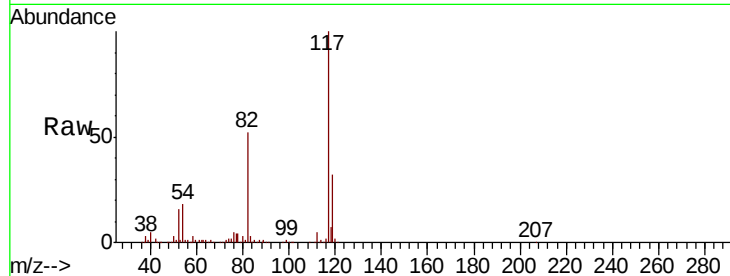
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.00 min
Lab File: VW005248.D
Acq: 10 Sep 2018 18:46

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.3	42.6	63.8
119	32.1	26.2	39.4

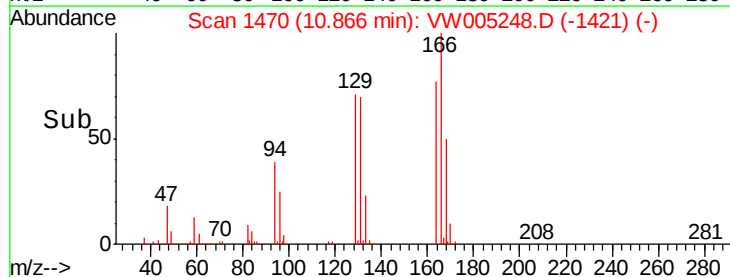
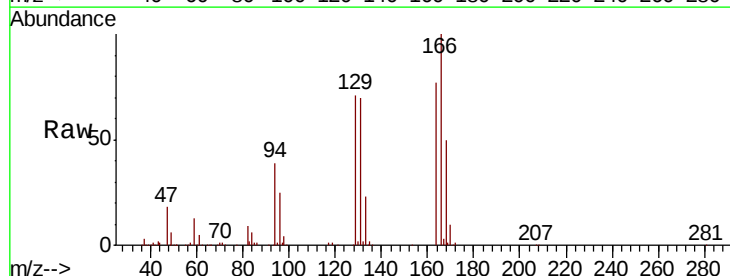
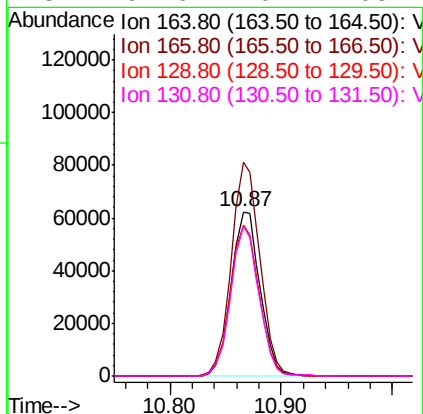
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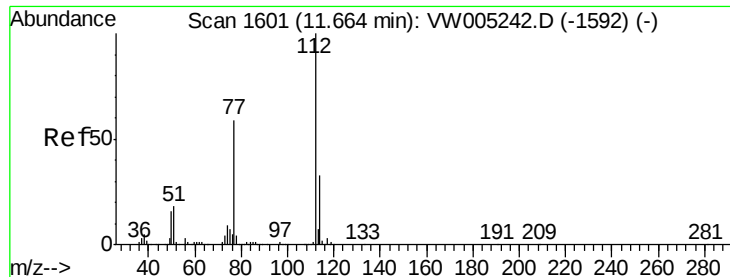
apatel
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#64
Tetrachloroethene
Concen: 20.17 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW005248.D
Acq: 10 Sep 2018 18:46

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.2	100.2	150.2
129	92.3	73.2	109.8
131	91.6	70.2	105.4





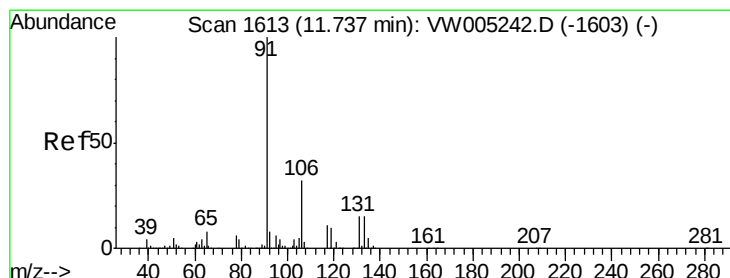
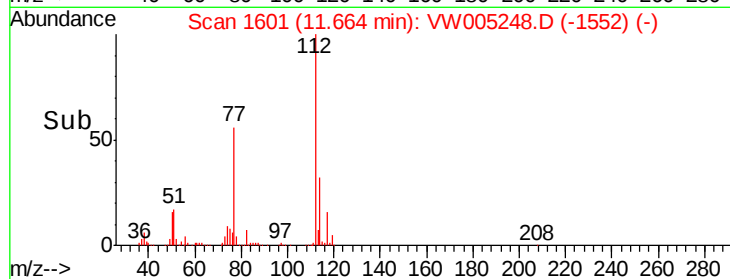
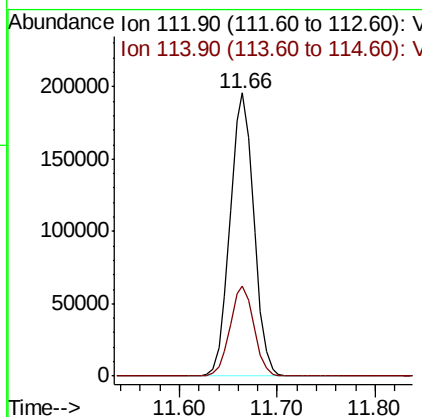
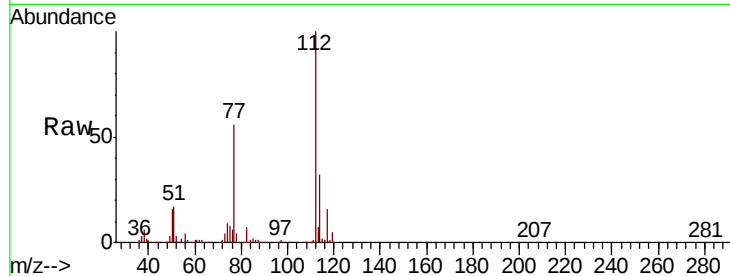
#65
Chlorobenzene
Concen: 20.16 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VW005248.D
Acq: 10 Sep 2018 18:46

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.1	26.2	39.4

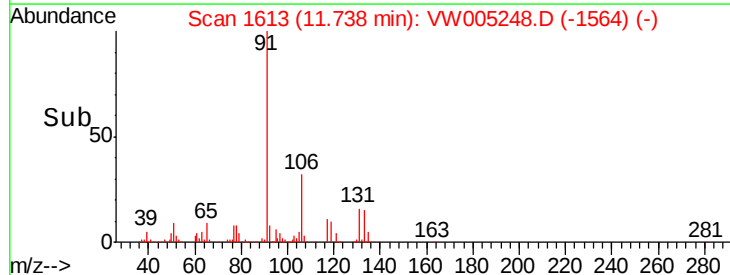
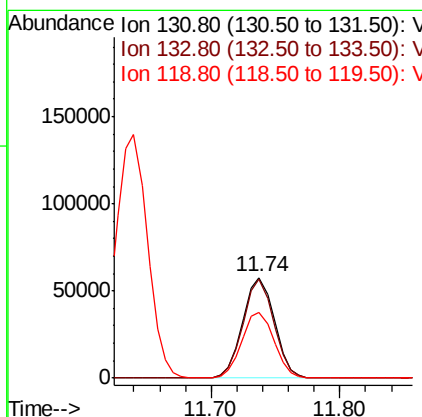
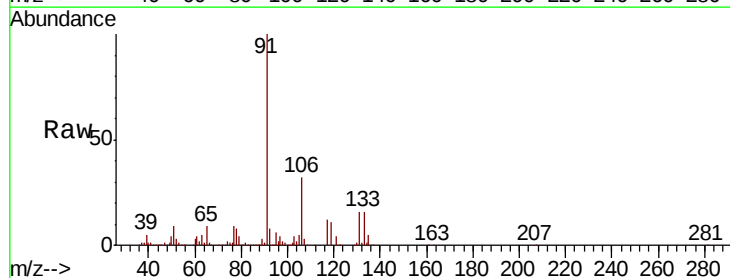
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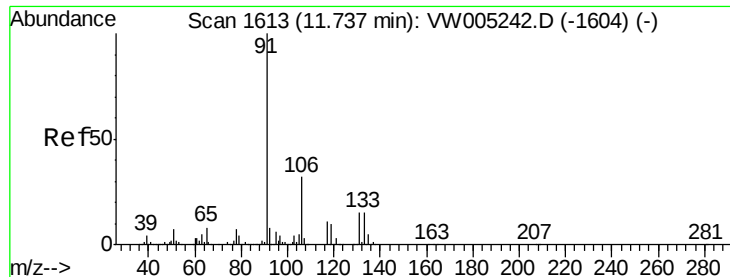
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.20 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW005248.D
Acq: 10 Sep 2018 18:46

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.8	48.1	144.3
119	66.5	33.4	100.1





#67

Ethyl Benzene

Concen: 19.94 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. 0.00 min

Lab File: VW005248.D

Acq: 10 Sep 2018 18:46

Instrument :

MSVOA_W

ClientSampled :

VW0910SBS01

Tot Ion: 91 Resp: 569141

Ion Ratio Lower Upper

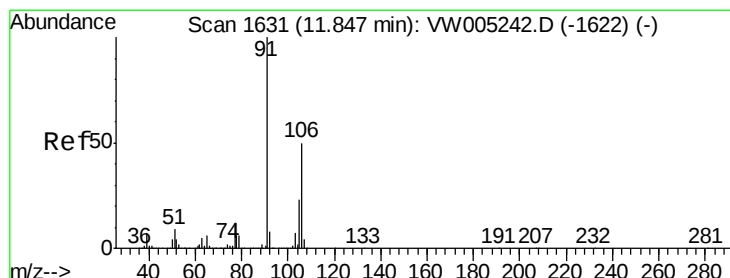
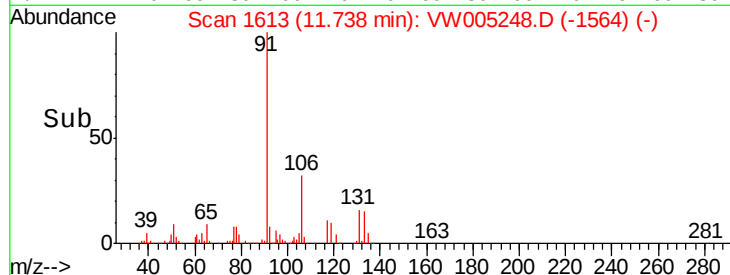
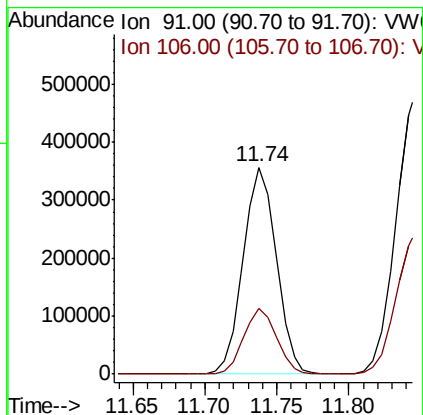
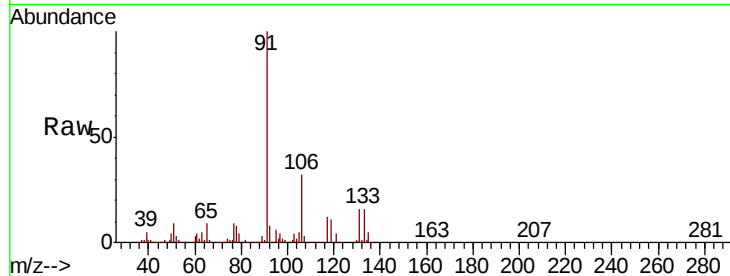
91 100

106 32.0 25.6 38.4

Manual Integrations
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#68

m/p-Xylenes

Concen: 39.83 ug/l

RT: 11.85 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VW005248.D

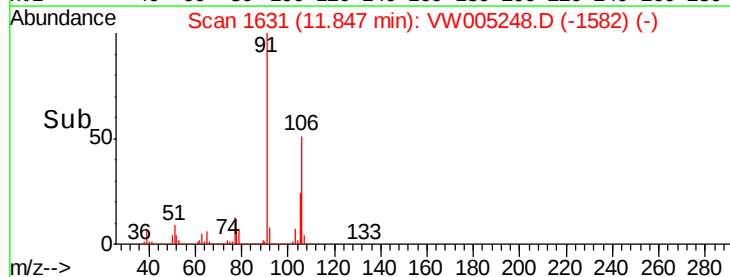
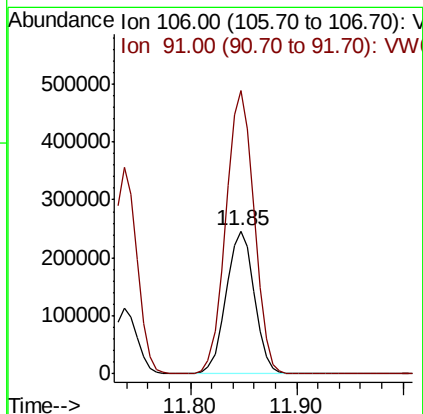
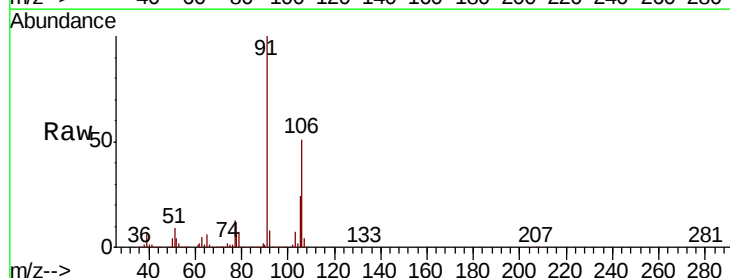
Acq: 10 Sep 2018 18:46

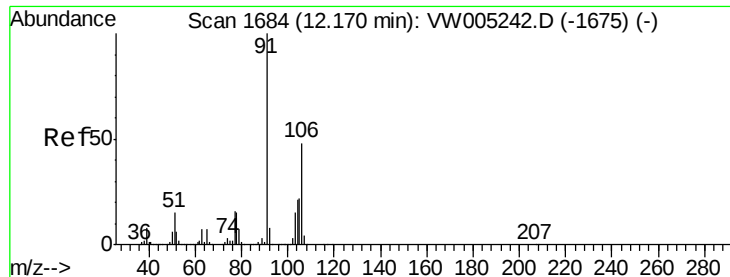
Tgt Ion: 106 Resp: 458009

Ion Ratio Lower Upper

106 100

91 198.5 160.2 240.2





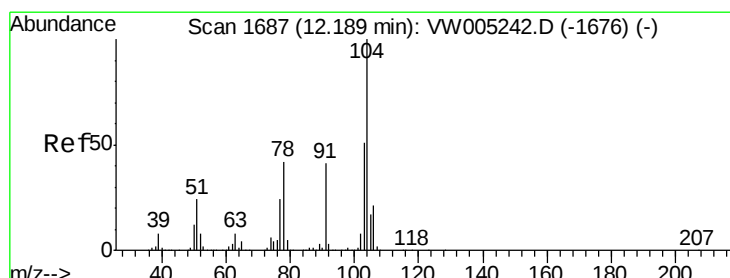
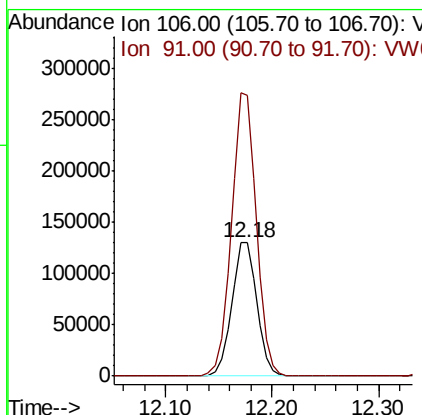
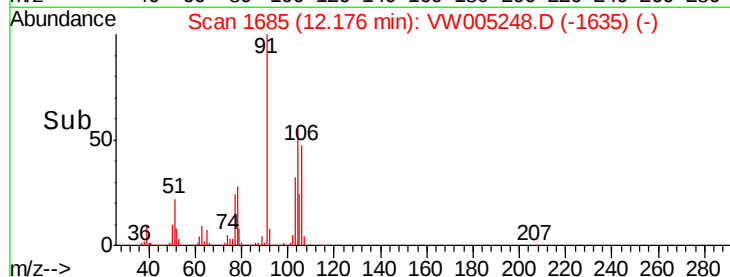
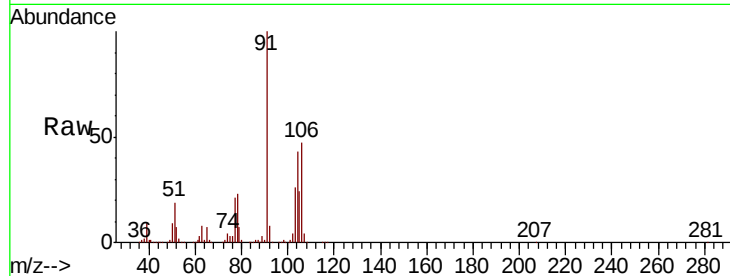
#69
o-Xylene
Concen: 20.04 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. 0.01 min
Lab File: VW005248.D
Acq: 10 Sep 2018 18:46

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBS01

Tot Ion:106 Resp: 214457
Ion Ratio Lower Upper
106 100
91 210.8 104.1 312.3

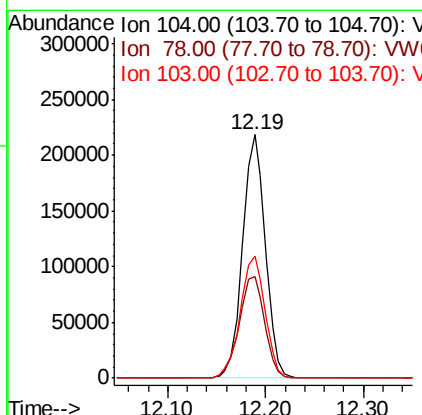
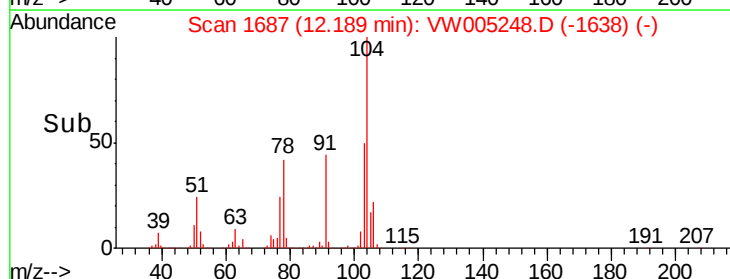
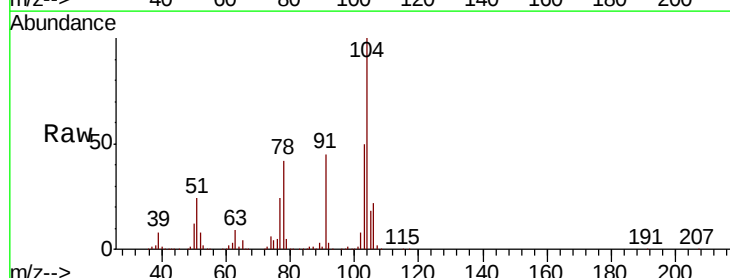
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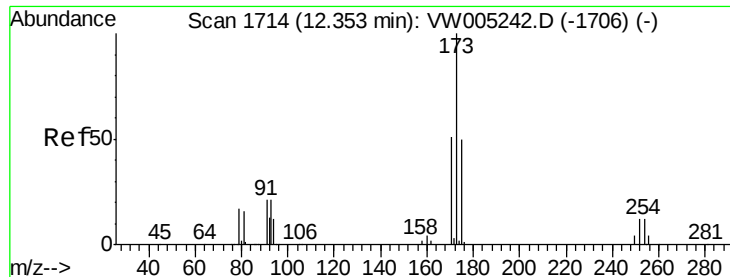
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#70
Styrene
Concen: 20.17 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VW005248.D
Acq: 10 Sep 2018 18:46

Tgt Ion:104 Resp: 352101
Ion Ratio Lower Upper
104 100
78 47.0 37.4 56.2
103 54.8 44.1 66.1





#71

Bromoform

Concen: 20.27 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW005248.D

Acq: 10 Sep 2018 18:46

Instrument :

MSVOA_W

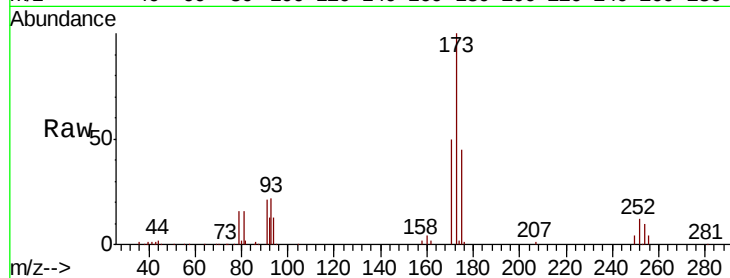
ClientSampleId :

VW0910SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.5	24.9	74.6
254	0.0	0.1	0.1#

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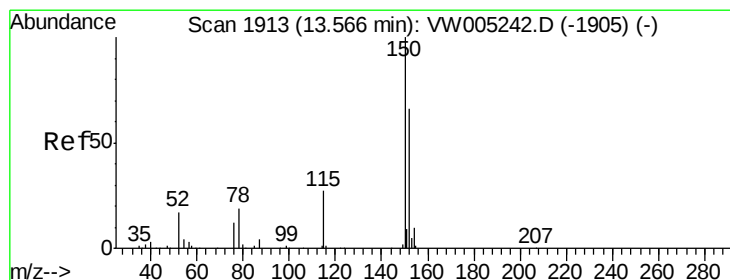
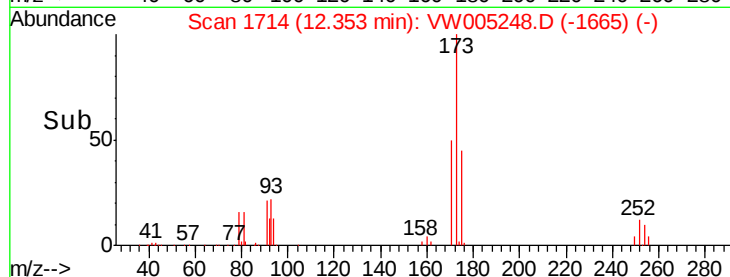
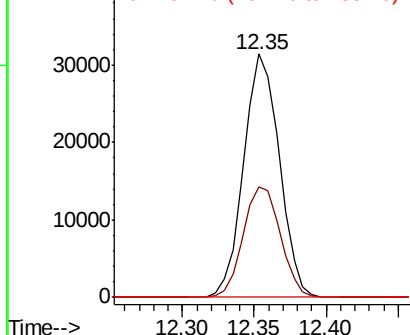


Abundance

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

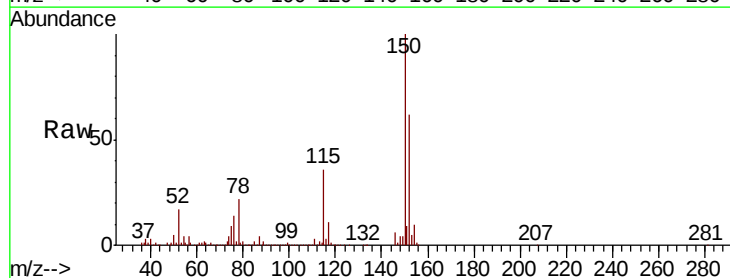
RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW005248.D

Acq: 10 Sep 2018 18:46

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.1	27.5	82.4
150	164.5	0.0	347.4

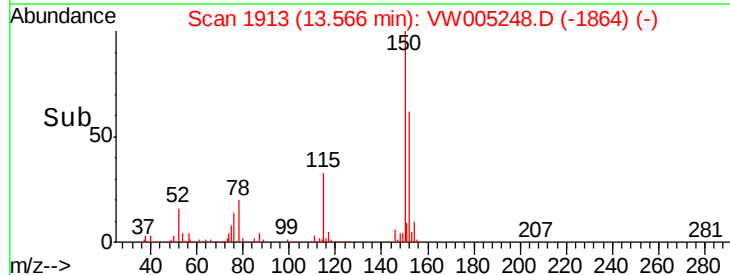
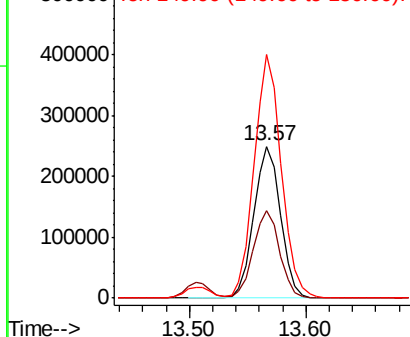


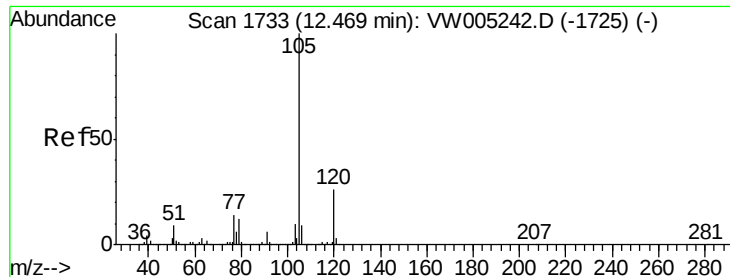
Abundance

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: 20.44 ug/l

RT: 12.48 min Scan# 1734

Delta R.T. 0.01 min

Lab File: VW005248.D

Acq: 10 Sep 2018 18:46

Instrument :

MSVOA_W

ClientSampleId :

VW0910SBS01

Tot Ion: 105 Resp: 573365

Ion Ratio Lower Upper

105 100

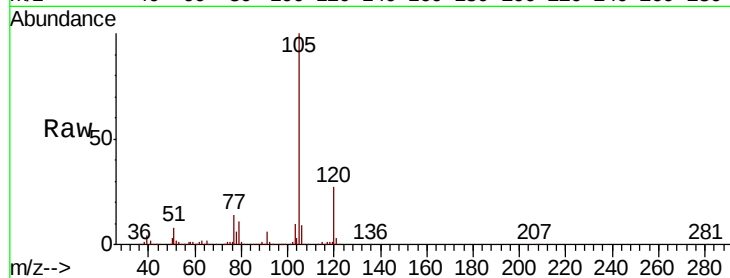
120 26.5 13.4 40.1

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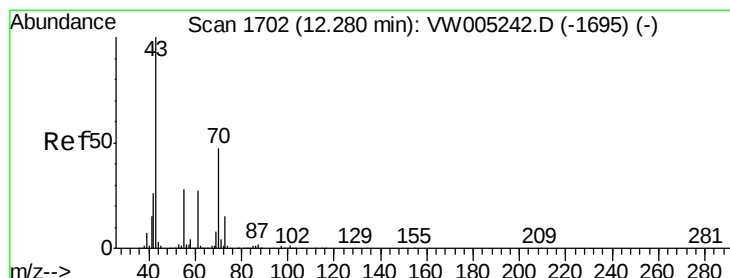
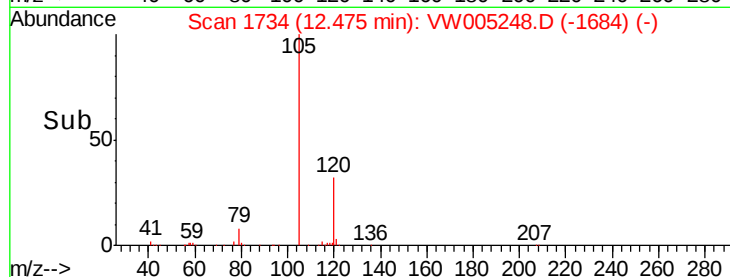
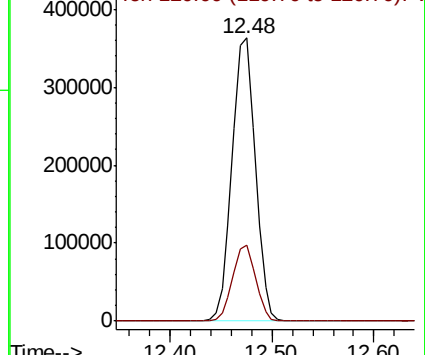
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.31 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VW005248.D

Acq: 10 Sep 2018 18:46

Tgt Ion: 43 Resp: 113724

Ion Ratio Lower Upper

43 100

70 45.8 37.9 56.9

55 28.9 22.6 33.8

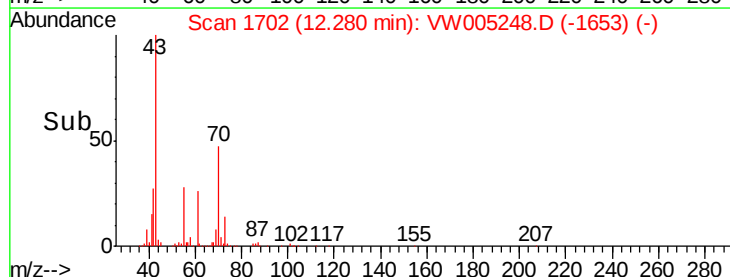
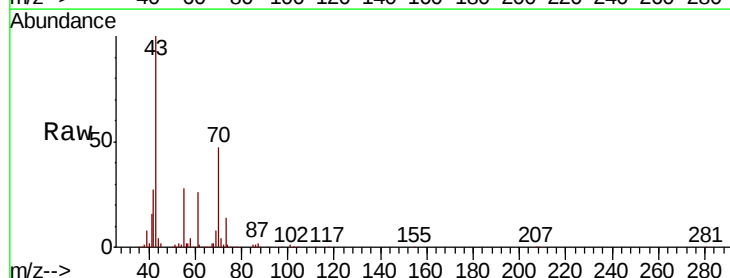
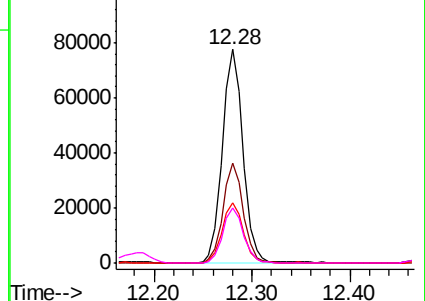
61 25.7 20.9 31.3

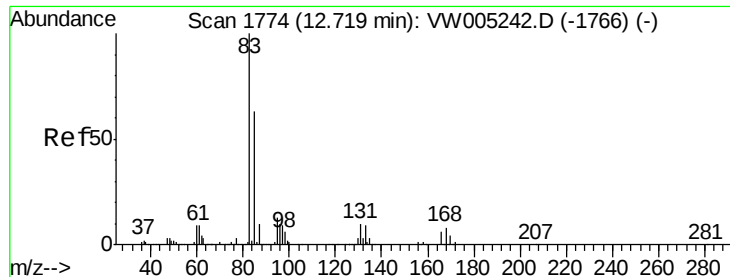
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 21.11 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW005248.D

Acq: 10 Sep 2018 18:46

Instrument :

MSVOA_W

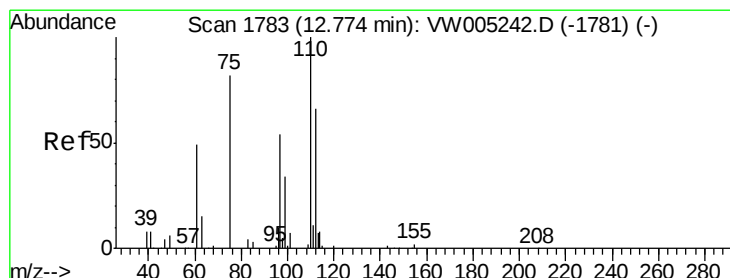
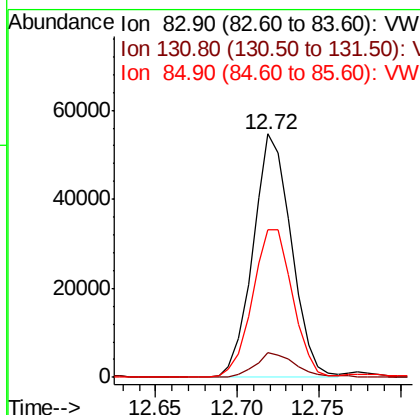
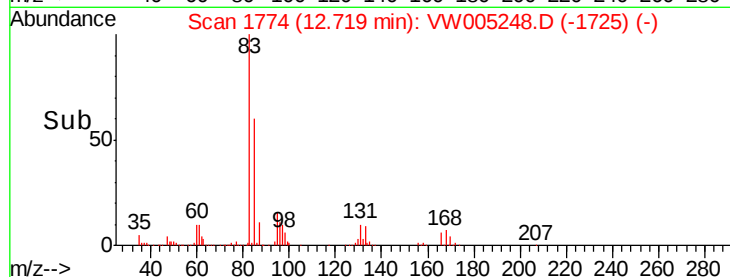
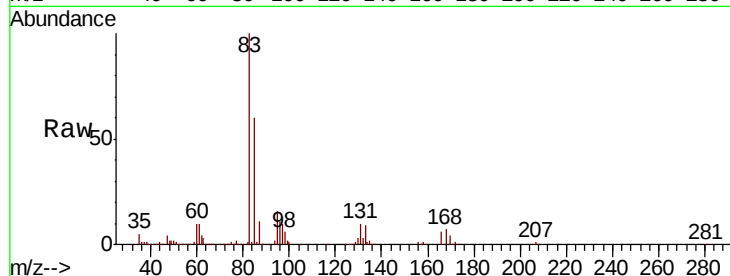
ClientSampled :

VW0910SBS01

Tot Ion:	83	Resp:	89014
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.5	16.4
85	63.7	31.6	95.0

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#76

1,2,3-Trichloropropane

Concen: 20.83 ug/l m

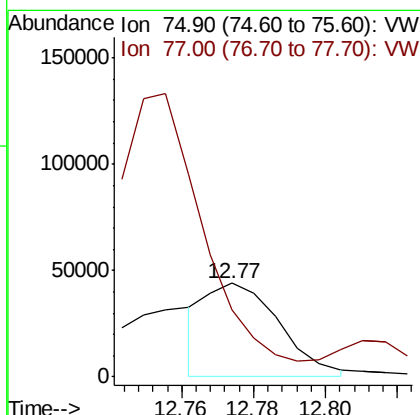
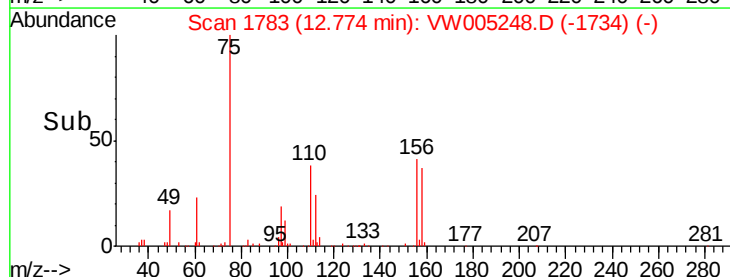
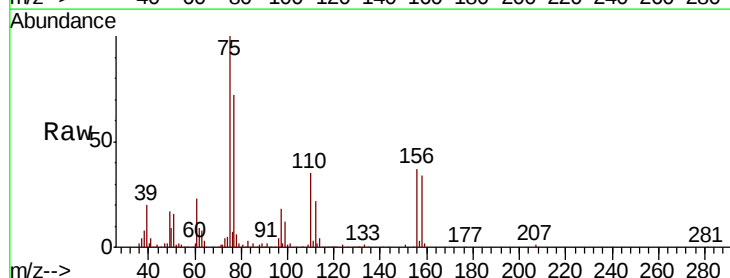
RT: 12.77 min Scan# 1783

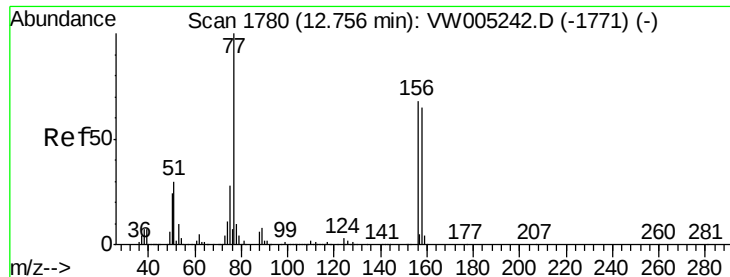
Delta R.T. 0.00 min

Lab File: VW005248.D

Acq: 10 Sep 2018 18:46

Tgt Ion:	75	Resp:	63603
Ion Ratio	Lower	Upper	
75	100		
77	376.5	0.0	0.0#





#77

Bromobenzene

Concen: 20.71 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VW005248.D

Acq: 10 Sep 2018 18:46

Instrument :

MSVOA_W

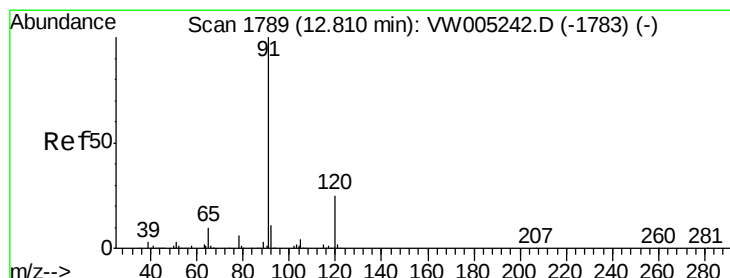
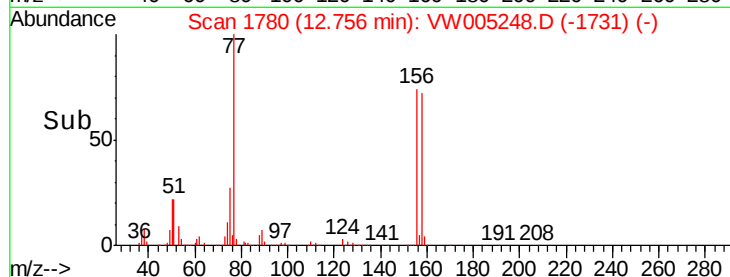
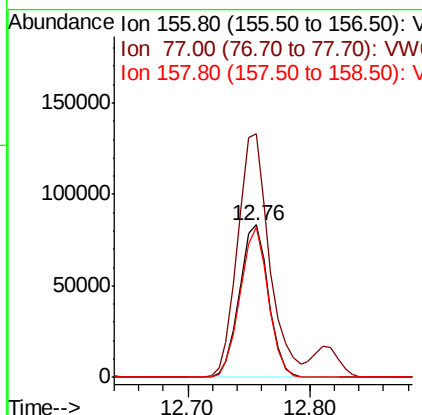
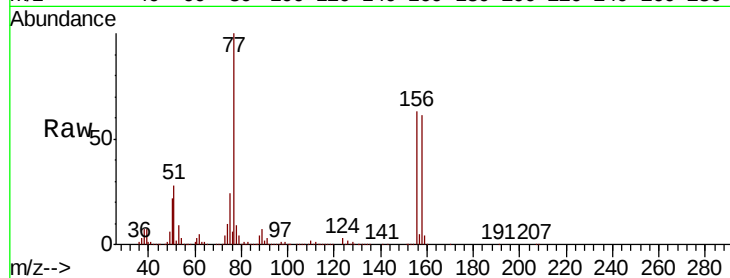
ClientSampleId :

VW0910SBS01

Tot Ion:	156	Resp:	136852
Ion Ratio	Lower	Upper	
156	100		
77	175.0	86.3	258.8
158	95.7	48.6	145.8

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#78

n-propylbenzene

Concen: 20.68 ug/l

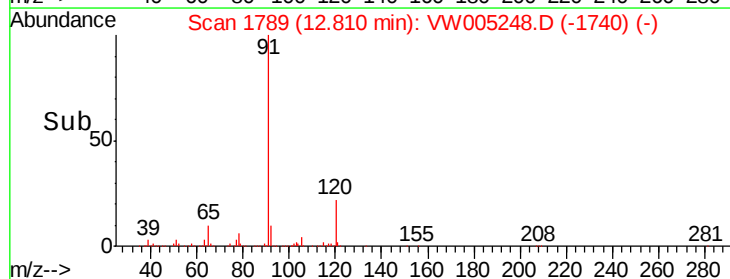
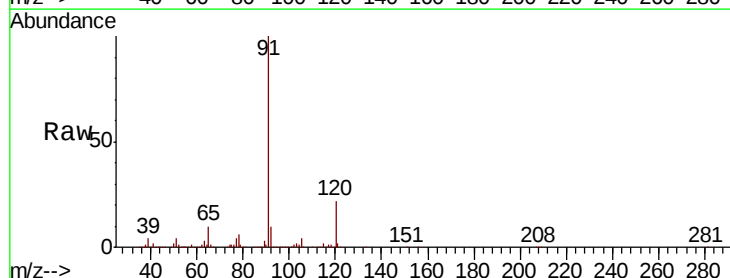
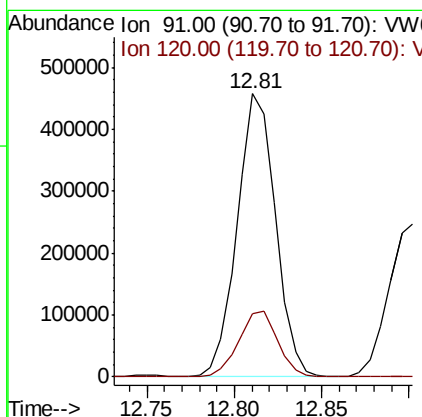
RT: 12.81 min Scan# 1789

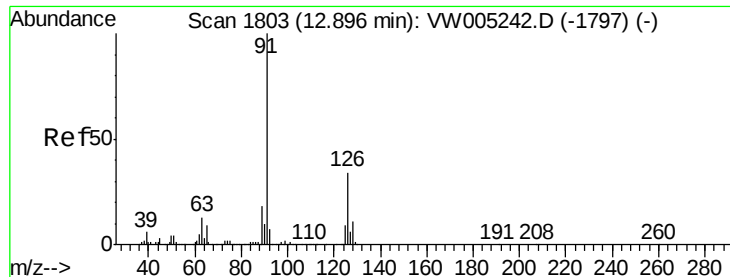
Delta R.T. 0.00 min

Lab File: VW005248.D

Acq: 10 Sep 2018 18:46

Tgt Ion:	91	Resp:	696885
Ion Ratio	Lower	Upper	
91	100		
120	23.6	12.0	36.0





#79

2-Chlorotoluene

Concen: 20.46 ug/l

RT: 12.90 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VW005248.D

Acq: 10 Sep 2018 18:46

Instrument :

MSVOA_W

ClientSampleId :

VW0910SBS01

Tot Ion: 91 Resp: 395260

Ion Ratio Lower Upper

91 100

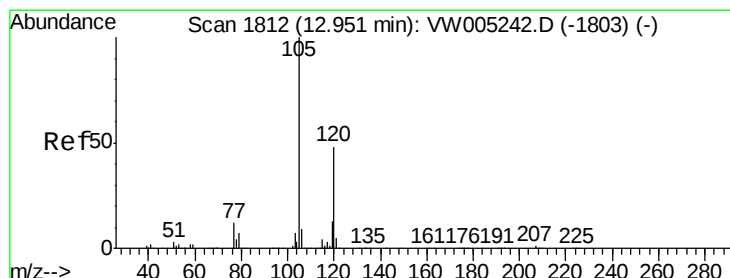
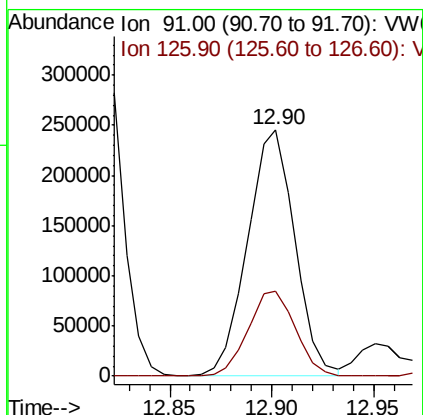
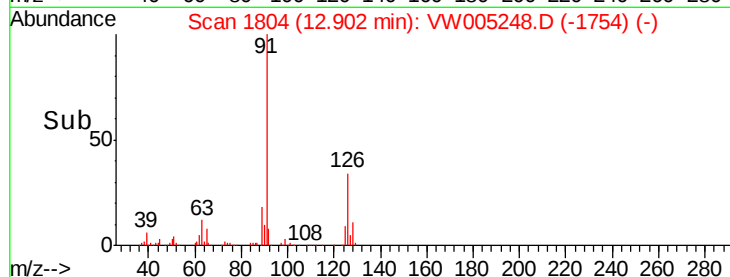
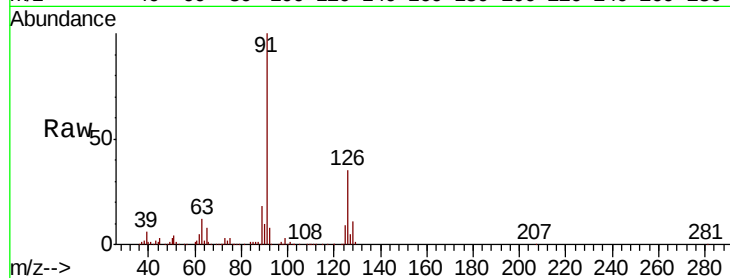
126 34.8 17.2 51.5

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#80

1,3,5-Trimethylbenzene

Concen: 20.38 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW005248.D

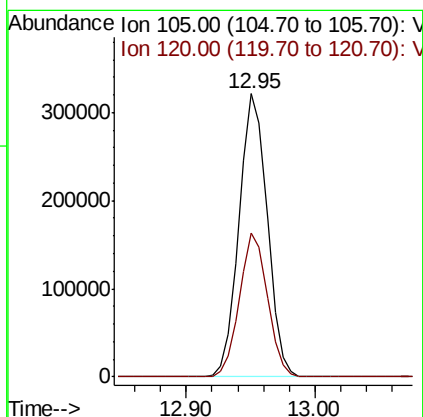
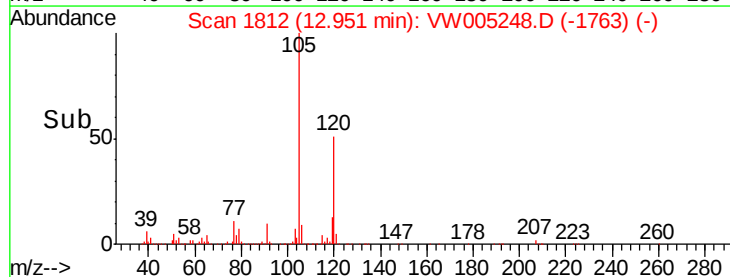
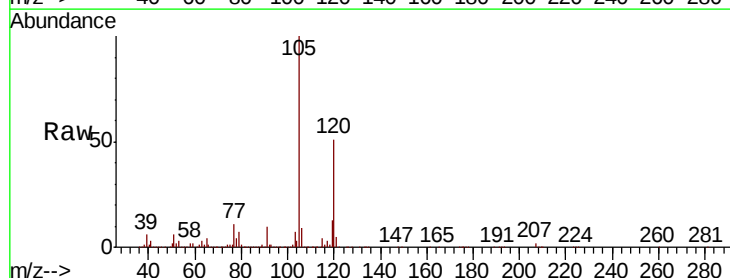
Acq: 10 Sep 2018 18:46

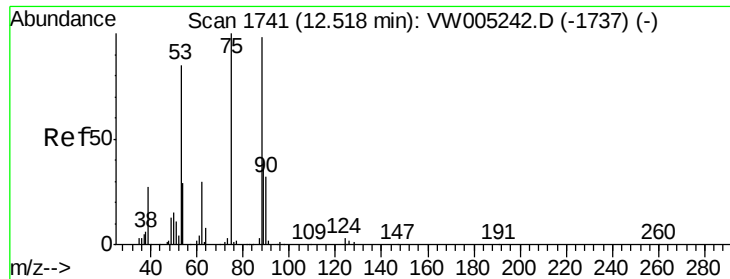
Tgt Ion: 105 Resp: 486883

Ion Ratio Lower Upper

105 100

120 50.4 24.4 73.4





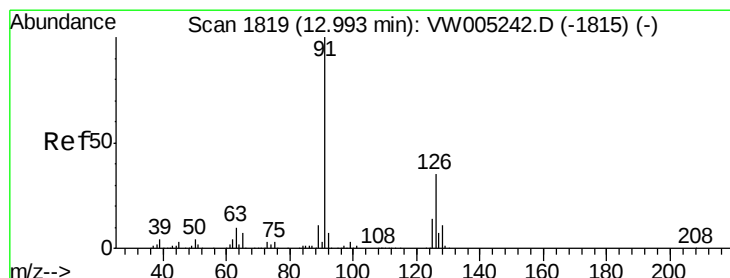
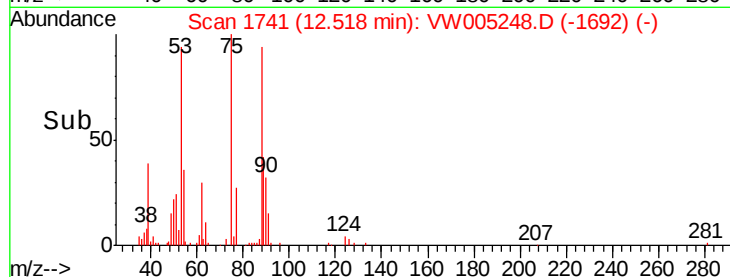
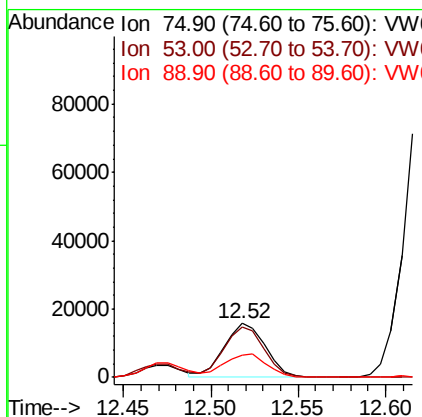
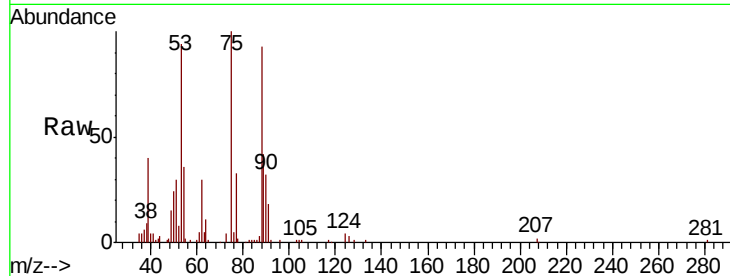
#81
trans-1,4-Dichloro-2-butene
Concen: 20.05 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW005248.D
Acq: 10 Sep 2018 18:46

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	89.6	67.0	100.6
89	44.8	37.0	55.4

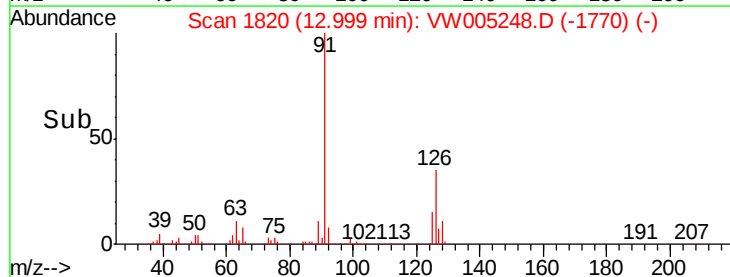
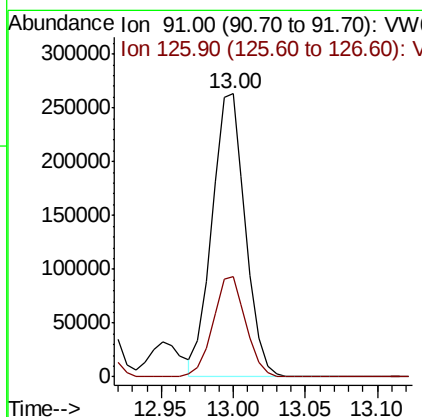
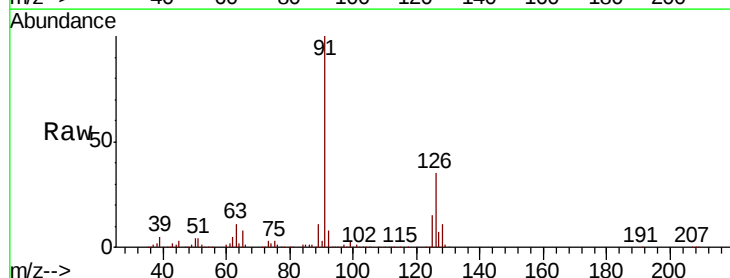
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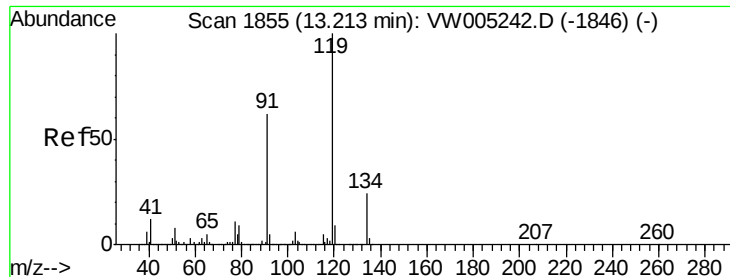
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#82
4-Chlorotoluene
Concen: 20.81 ug/l
RT: 13.00 min Scan# 1820
Delta R.T. 0.01 min
Lab File: VW005248.D
Acq: 10 Sep 2018 18:46

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.8	17.5	52.5





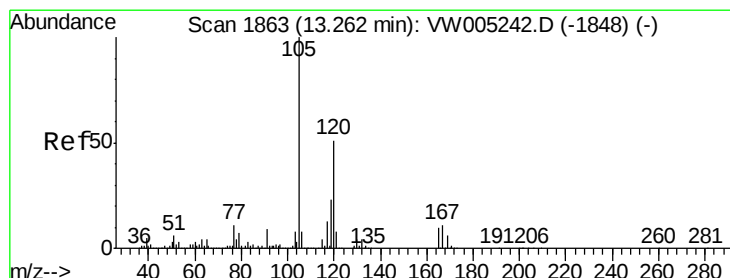
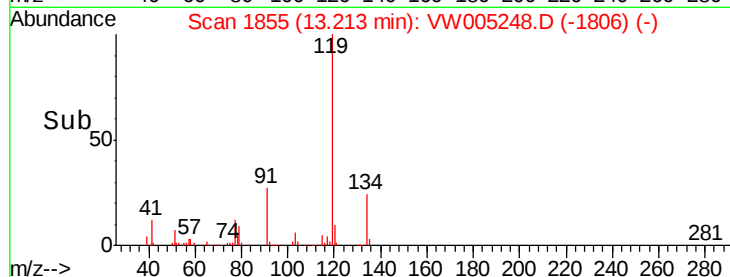
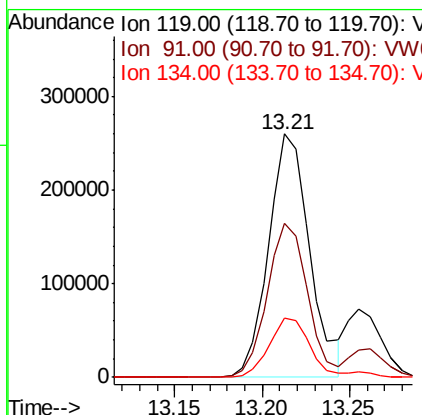
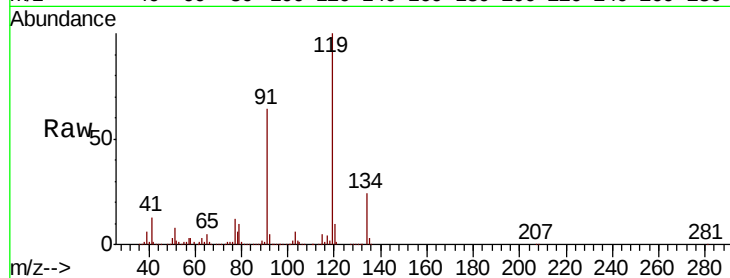
#83
tert-Butylbenzene
Concen: 20.49 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW005248.D
Acq: 10 Sep 2018 18:46

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.9	31.7	95.1
134	25.5	13.0	38.9

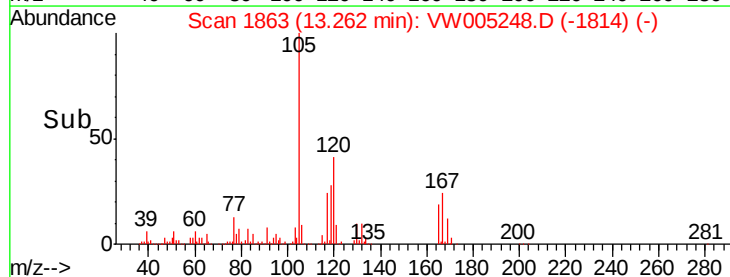
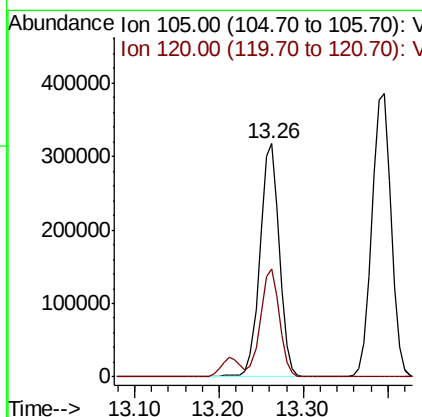
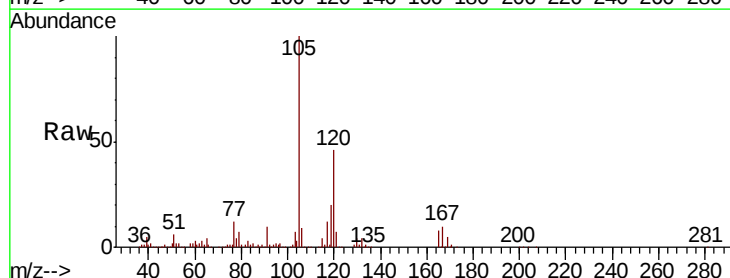
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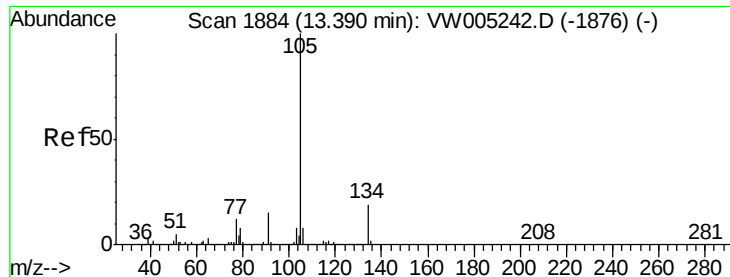
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#84
1,2,4-Trimethylbenzene
Concen: 20.83 ug/l
RT: 13.26 min Scan# 1863
Delta R.T. 0.00 min
Lab File: VW005248.D
Acq: 10 Sep 2018 18:46

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.3	23.4	70.3





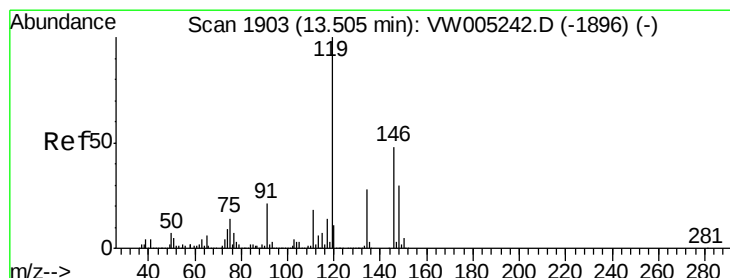
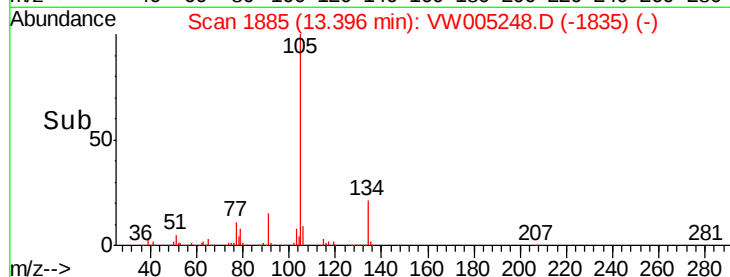
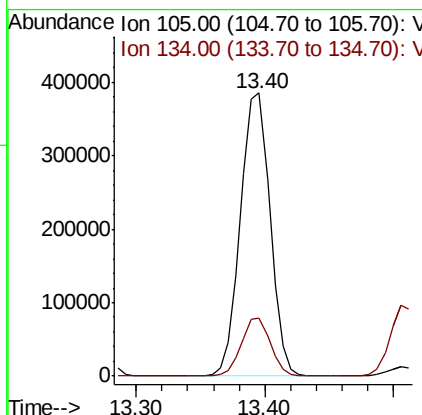
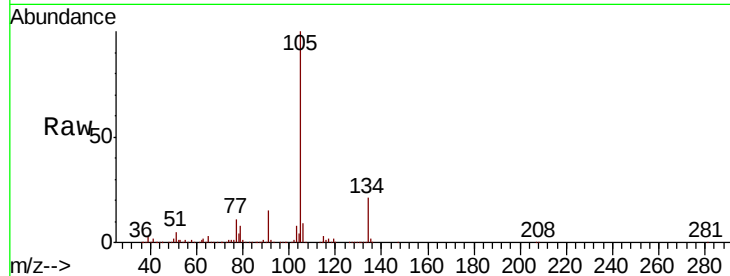
#85
 sec-Butylbenzene
 Concen: 20.42 ug/l
 RT: 13.40 min Scan# 1885
 Delta R.T. 0.01 min
 Lab File: VW005248.D
 Acq: 10 Sep 2018 18:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0910SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.1	9.9	29.7

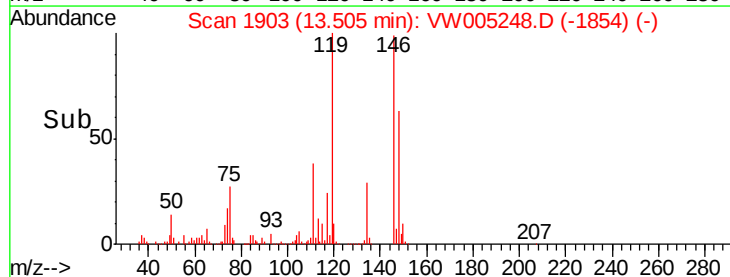
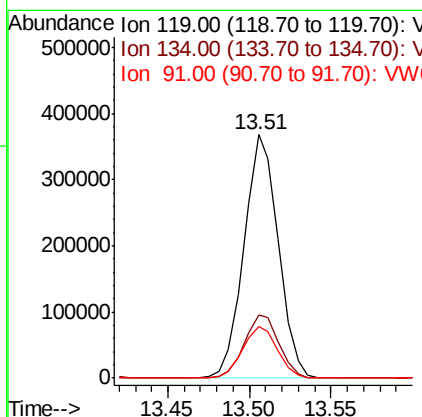
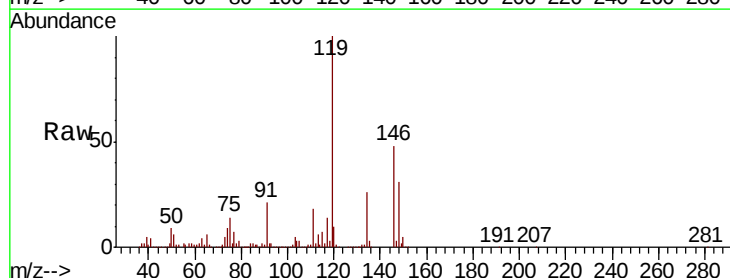
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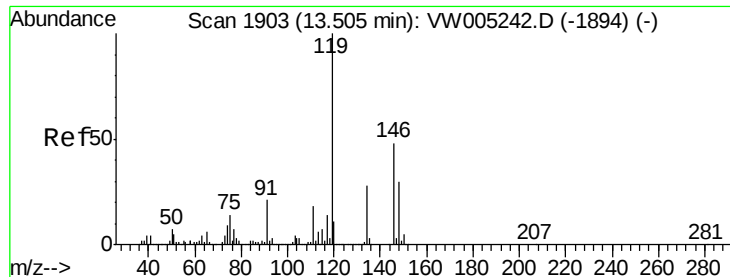
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#86
 p-Isopropyltoluene
 Concen: 20.20 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW005248.D
 Acq: 10 Sep 2018 18:46

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.4	13.2	39.5
91	21.8	10.7	32.1





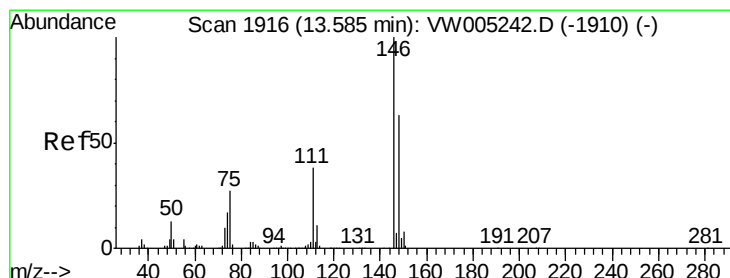
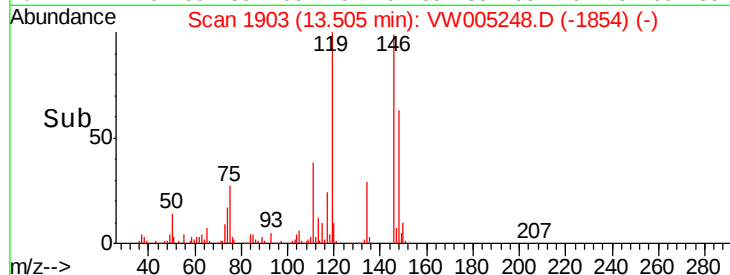
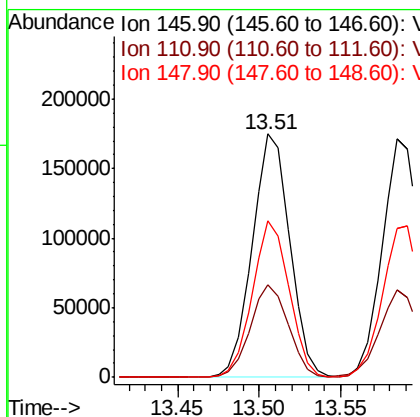
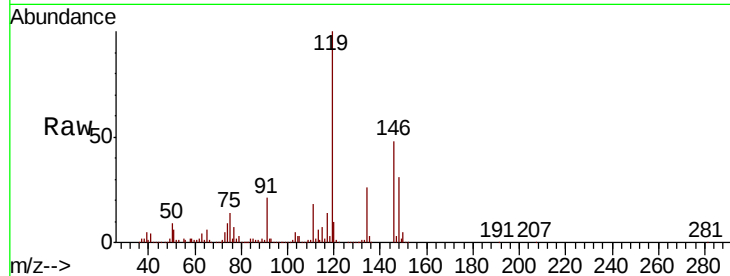
#87
 1,3-Dichlorobenzene
 Concen: 20.21 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW005248.D
 Acq: 10 Sep 2018 18:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0910SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	280409		
111	38.6		18.8	56.3
148	62.9		31.6	94.8

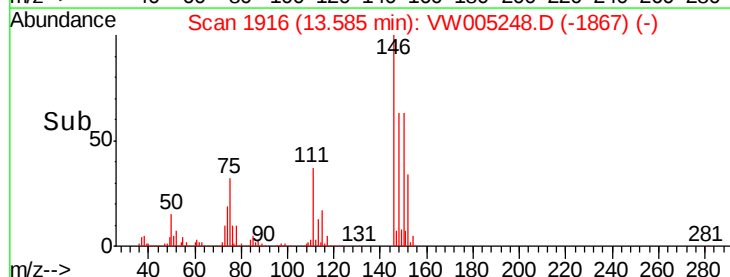
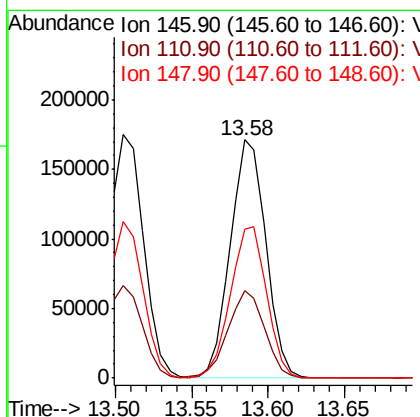
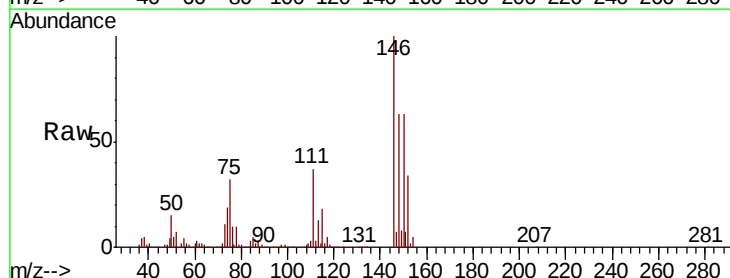
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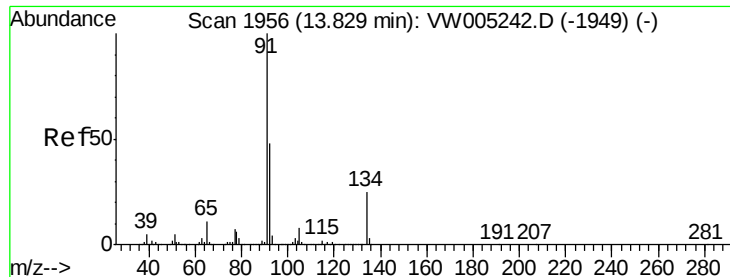
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#88
 1,4-Dichlorobenzene
 Concen: 20.29 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW005248.D
 Acq: 10 Sep 2018 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	276518		
111	38.0		19.1	57.3
148	64.6		32.3	96.9





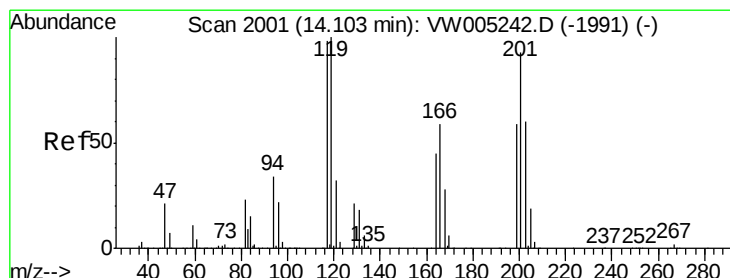
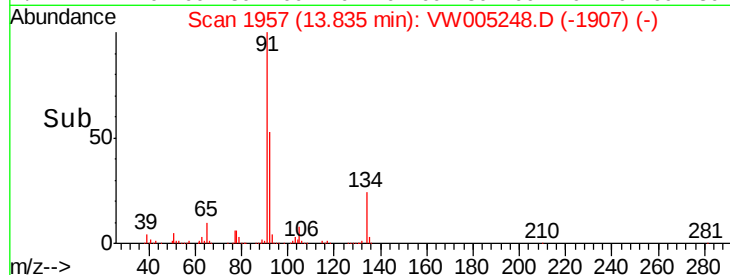
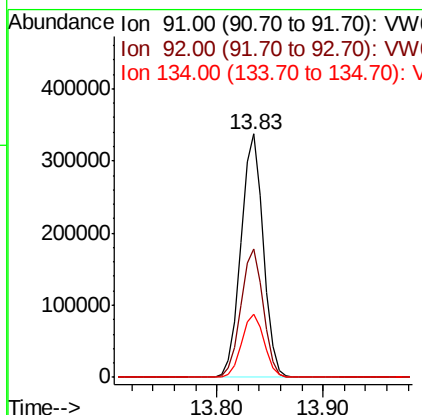
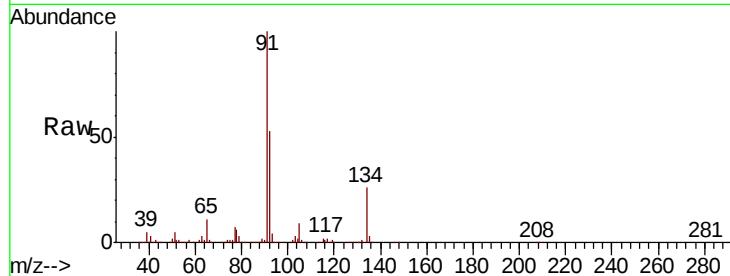
#89
n-Butylbenzene
Concen: 19.83 ug/l
RT: 13.83 min Scan# 1957
Delta R.T. 0.01 min
Lab File: VW005248.D
Acq: 10 Sep 2018 18:46

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.1	25.8	77.3
134	26.3	13.6	40.8

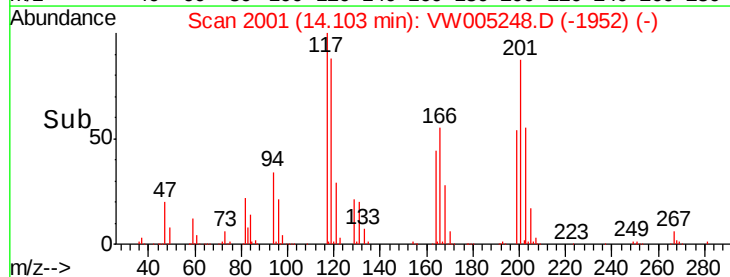
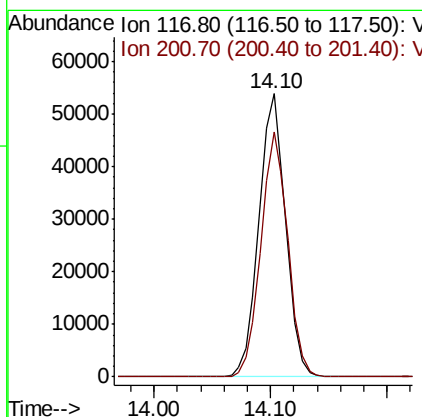
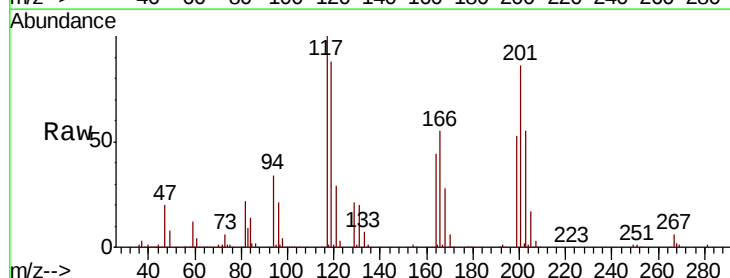
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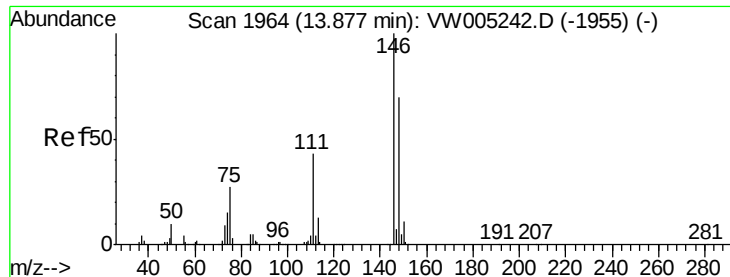
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#90
Hexachloroethane
Concen: 20.35 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. 0.00 min
Lab File: VW005248.D
Acq: 10 Sep 2018 18:46

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.2	44.0	132.1





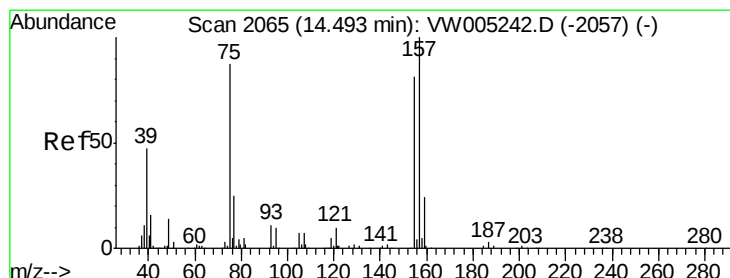
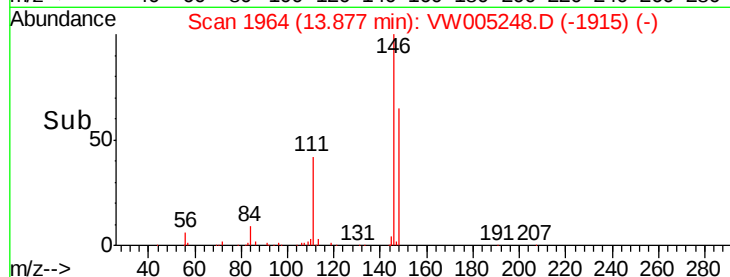
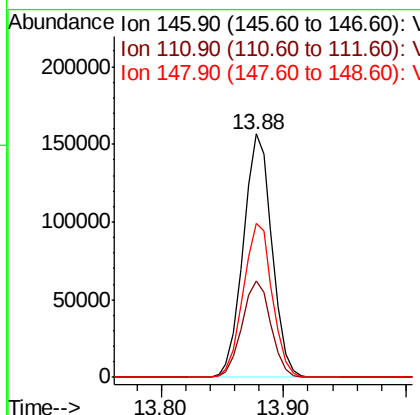
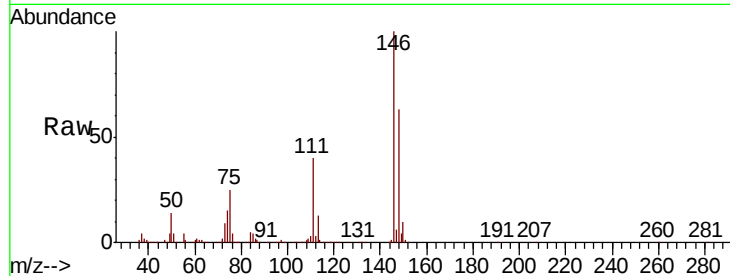
#91
 1,2-Dichlorobenzene
 Concen: 20.82 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW005248.D
 Acq: 10 Sep 2018 18:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0910SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.5	61.5
148	64.3	32.7	98.1

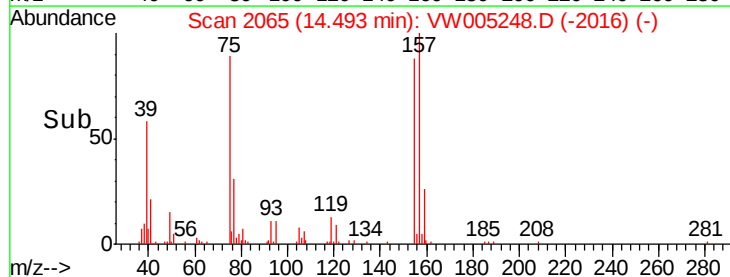
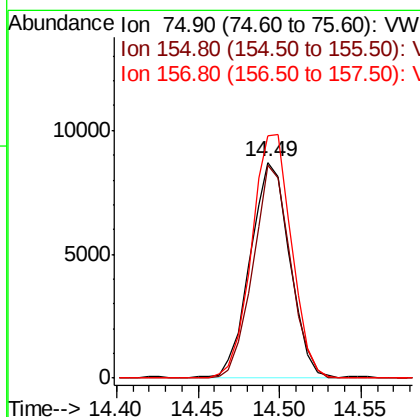
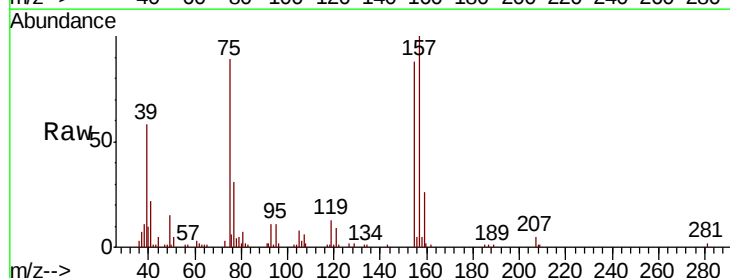
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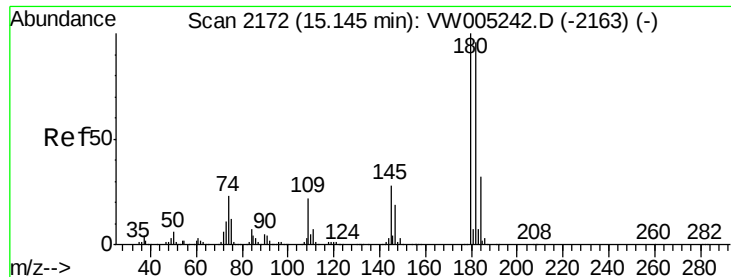
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.04 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW005248.D
 Acq: 10 Sep 2018 18:46

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.7	47.4	142.2
157	113.1	59.4	178.2





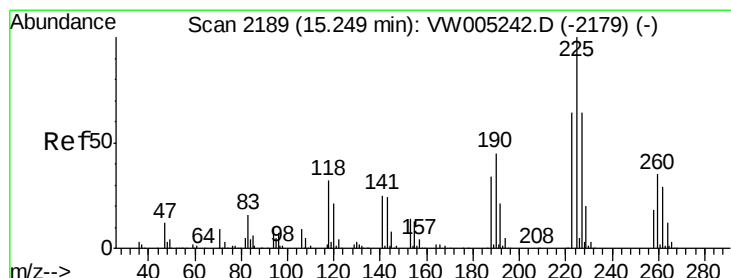
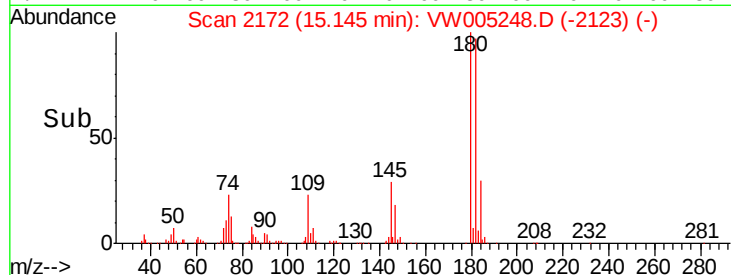
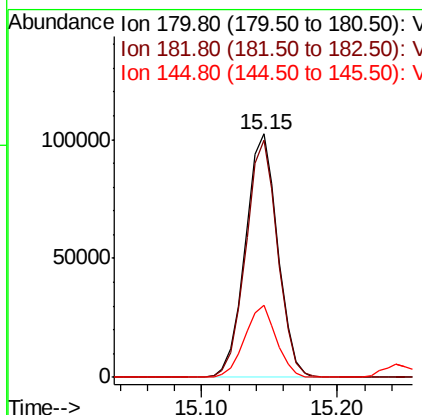
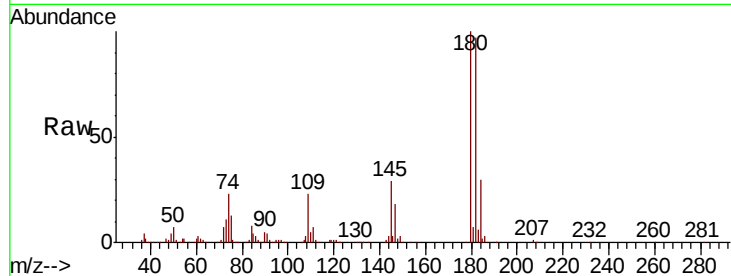
#93
 1,2,4-Trichlorobenzene
 Concen: 19.75 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. 0.00 min
 Lab File: VW005248.D
 Acq: 10 Sep 2018 18:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0910SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	170374		
182	95.7	48.1	144.4	
145	28.8	14.5	43.6	

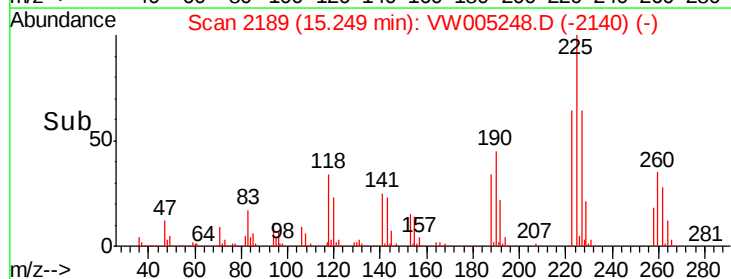
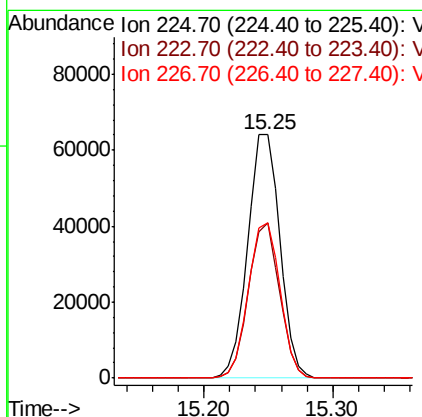
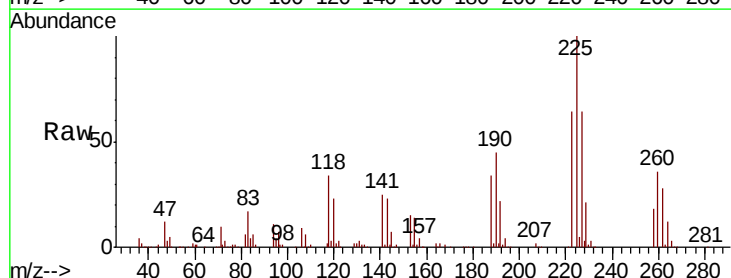
Manual Integrations
 APPROVED

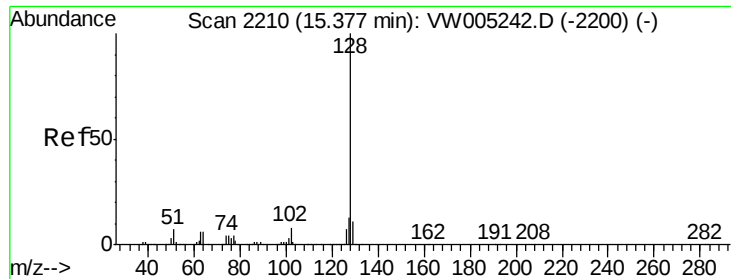
apatel
 9/11/2018 11:09:54 AM



#94
 Hexachlorobutadiene
 Concen: 20.02 ug/l
 RT: 15.25 min Scan# 2189
 Delta R.T. 0.00 min
 Lab File: VW005248.D
 Acq: 10 Sep 2018 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	110598		
223	61.7	31.4	94.2	
227	63.2	32.0	96.0	





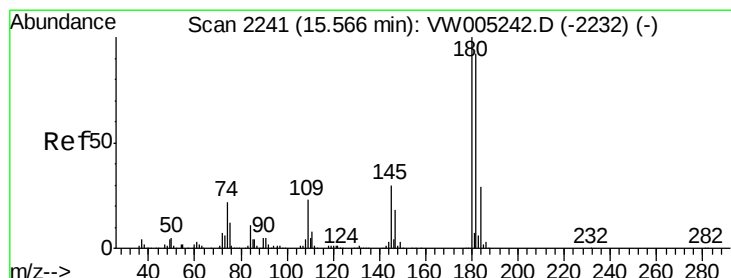
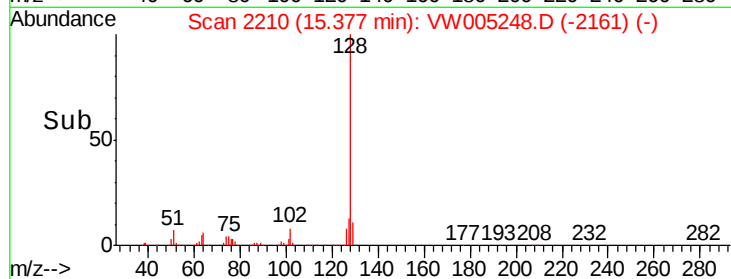
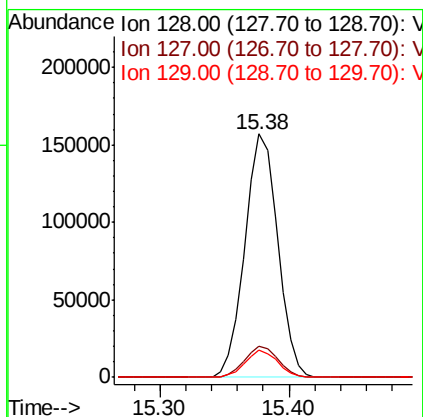
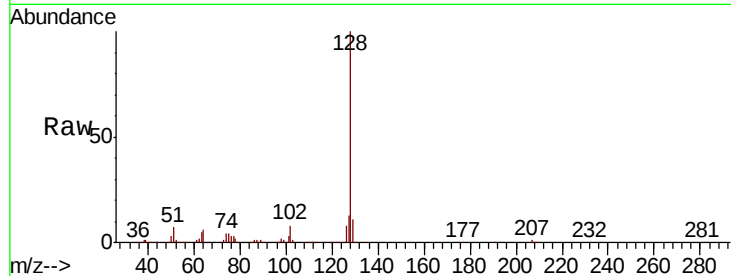
#95
Naphthalene
Concen: 19.78 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW005248.D
Acq: 10 Sep 2018 18:46

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	276742		
127	13.2		10.3	15.5
129	10.8		8.8	13.2

Manual Integrations
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apatel
9/11/2018 11:09:54 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.24 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW005248.D
Acq: 10 Sep 2018 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	150250		
182	96.1		47.2	141.6
145	30.4		15.2	45.6

