

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101818\
 Data File : VW006194.D
 Acq On : 18 Oct 2018 23:37
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 6.28G/5ML/MSVOA_W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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 10/19/2018 12:51:09 PM

Quant Time: Oct 19 07:56:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	268281	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	392333	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	363765	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	205183	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	112325	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	
35) Dibromofluoromethane	7.89	113	115124	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
50) Toluene-d8	10.33	98	429375	48.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	
62) 4-Bromofluorobenzene	12.62	95	165197	49.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.74%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.01	85	69491	52.34	ug/l	95
3) Chloromethane	2.22	50	81874	47.91	ug/l	99
4) Vinyl Chloride	2.37	62	123530	50.62	ug/l	100
5) Bromomethane	2.79	94	105466	47.51	ug/l	99
6) Chloroethane	2.93	64	90706	51.86	ug/l	99
7) Trichlorofluoromethane	3.26	101	108400	47.68	ug/l	99
8) Diethyl Ether	3.68	74	60746	50.27	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	120934	50.76	ug/l	99
10) Methyl Iodide	4.27	142	216454	54.58	ug/l	99
11) Tert butyl alcohol	5.26	59	35794	239.29	ug/l #	84
12) 1,1-Dichloroethene	4.03	96	115697	51.61	ug/l	93
13) Acrolein	3.90	56	27558	190.39	ug/l	95
14) Allyl chloride	4.67	41	164746	51.40	ug/l	100
15) Acrylonitrile	5.38	53	114524	264.26	ug/l	100
16) Acetone	4.15	43	99181	236.91	ug/l	97
17) Carbon Disulfide	4.38	76	324858	48.02	ug/l	99
18) Methyl Acetate	4.68	43	57905	51.73	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	185151	54.23	ug/l	99
20) Methylene Chloride	4.92	84	129945	55.39	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	133786	53.47	ug/l	100
22) Diisopropyl ether	6.32	45	344077	54.32	ug/l	99
23) Vinyl Acetate	6.26	43	974289	260.65	ug/l	99
24) 1,1-Dichloroethane	6.22	63	220234	53.89	ug/l	99
25) 2-Butanone	7.18	43	149916	249.50	ug/l	99
26) 2,2-Dichloropropane	7.17	77	135511	47.01	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	149713	54.22	ug/l	100
28) Bromochloromethane	7.52	49	88575	56.14	ug/l	96
29) Tetrahydrofuran	7.54	42	95230	257.84	ug/l	99
30) Chloroform	7.68	83	242566	54.48	ug/l	96
31) Cyclohexane	7.96	56	189113	46.47	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	210847	52.49	ug/l	100
36) 1,1-Dichloropropene	8.09	75	183601	50.77	ug/l	100
37) Ethyl Acetate	7.26	43	68636	51.09	ug/l	100
38) Carbon Tetrachloride	8.07	117	196882	49.66	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	232435	48.35	ug/l	99
40) Benzene	8.33	78	526100	53.04	ug/l	99
41) Methacrylonitrile	7.49	41	41285	50.97	ug/l	96
42) 1,2-Dichloroethane	8.41	62	156066	53.55	ug/l	99
43) Isopropyl Acetate	8.43	43	139571	50.81	ug/l	99
44) Trichloroethene	9.10	130	159592	52.44	ug/l	100
45) 1,2-Dichloropropane	9.37	63	124801	52.58	ug/l	100
46) Dibromomethane	9.46	93	72108	53.30	ug/l	99
47) Bromodichloromethane	9.65	83	171562	52.31	ug/l	99
48) Methyl methacrylate	9.44	41	67780	52.05	ug/l	94
49) 1,4-Dioxane	9.49	88	23258	1116.71	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	351154	255.12	ug/l	99
52) Toluene	10.39	92	351435	52.84	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	167367	51.21	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	194212	51.78	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	102244	54.01	ug/l	98
56) Ethyl methacrylate	10.65	69	122734	52.88	ug/l	98
57) 1,3-Dichloropropane	10.94	76	167455	53.43	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	215391	242.87	ug/l	99
59) 2-Hexanone	10.98	43	241490	245.79	ug/l	98
60) Dibromochloromethane	11.13	129	124262	52.69	ug/l	100
61) 1,2-Dibromoethane	11.24	107	101681	53.75	ug/l	100
64) Tetrachloroethene	10.87	164	148402	52.55	ug/l	99
65) Chlorobenzene	11.66	112	410357	52.70	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	145113	52.44	ug/l	99
67) Ethyl Benzene	11.74	91	699158	51.81	ug/l	99
68) m/p-Xylenes	11.85	106	552396	103.56	ug/l	100
69) o-Xylene	12.17	106	268798	52.88	ug/l	99
70) Styrene	12.19	104	442290	53.50	ug/l	99
71) Bromoform	12.35	173	75592	48.97	ug/l #	99
73) Isopropylbenzene	12.47	105	737411	50.87	ug/l	99
74) N-amyl acetate	12.28	43	139710	49.62	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	116204	52.71	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	79252m	50.57	ug/l	
77) Bromobenzene	12.76	156	186413	52.50	ug/l	100
78) n-propylbenzene	12.81	91	851709	50.50	ug/l	100
79) 2-Chlorotoluene	12.90	91	492743	52.00	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	617933	50.57	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	29089	44.37	ug/l	94
82) 4-Chlorotoluene	12.99	91	508294	51.21	ug/l	100
83) tert-Butylbenzene	13.21	119	550269	50.33	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	636060	51.44	ug/l	100
85) sec-Butylbenzene	13.39	105	774726	50.16	ug/l	100
86) p-Isopropyltoluene	13.51	119	706828	50.59	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	369489	52.29	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	362851	51.58	ug/l	100
89) n-Butylbenzene	13.83	91	630124	49.32	ug/l	99
90) Hexachloroethane	14.10	117	112250	47.43	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	327503	51.96	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19483	49.36	ug/l	98

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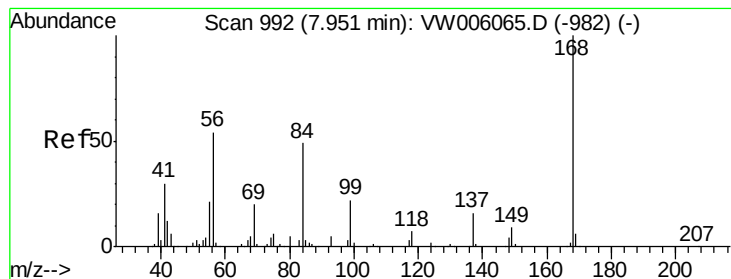
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	246403	50.81	ug/l	100
94) Hexachlorobutadiene	15.24	225	148243	48.66	ug/l	99
95) Naphthalene	15.38	128	430330	53.34	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	217357	51.82	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006194.D

Acq: 18 Oct 2018 23:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion:168 Resp: 268281

Ion Ratio Lower Upper

168 100

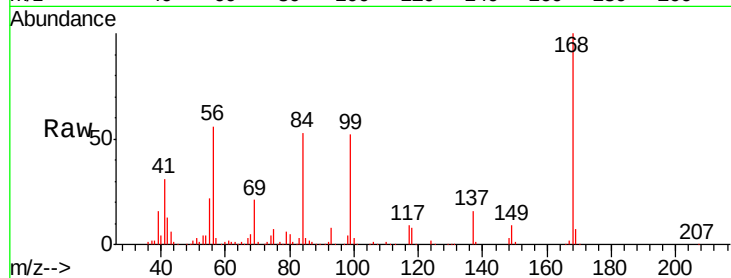
99 51.9 39.9 59.9

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

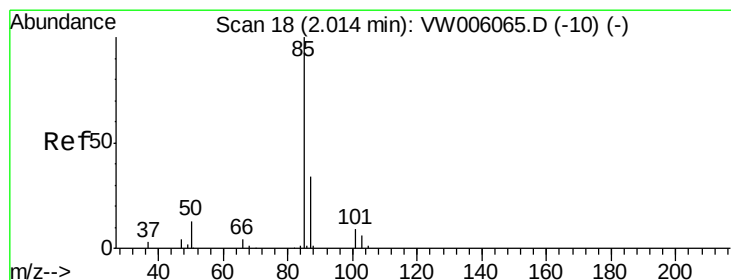
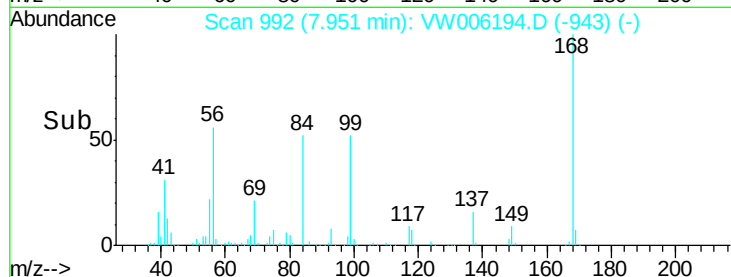
7.95

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 52.34 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW006194.D

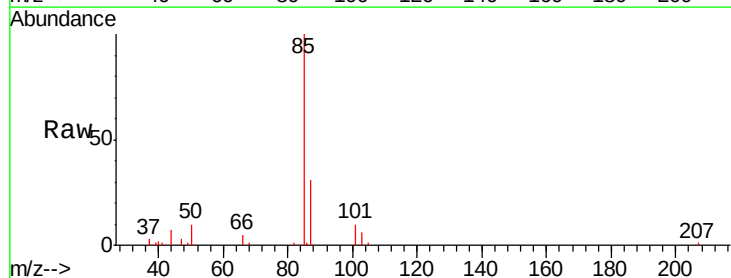
Acq: 18 Oct 2018 23:37

Tgt Ion: 85 Resp: 69491

Ion Ratio Lower Upper

85 100

87 30.9 16.9 50.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

20000

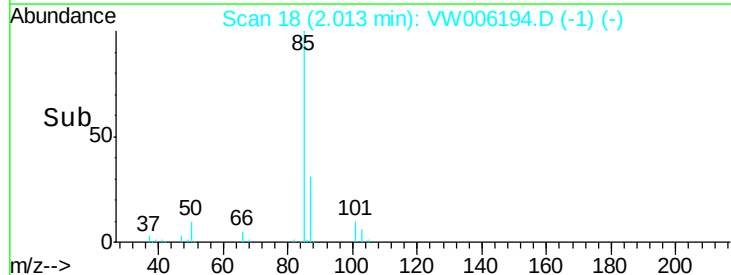
15000

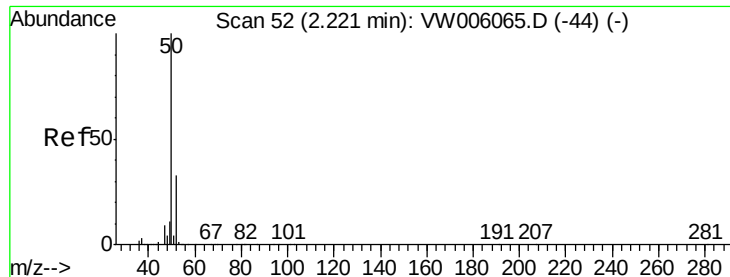
10000

5000

0

Time-->





#3

Chloromethane

Concen: 47.91 ug/l

RT: 2.22 min Scan# 52

Delta R.T. -0.00 min

Lab File: VW006194.D

Acq: 18 Oct 2018 23:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 81874

Ion Ratio Lower Upper

50 100

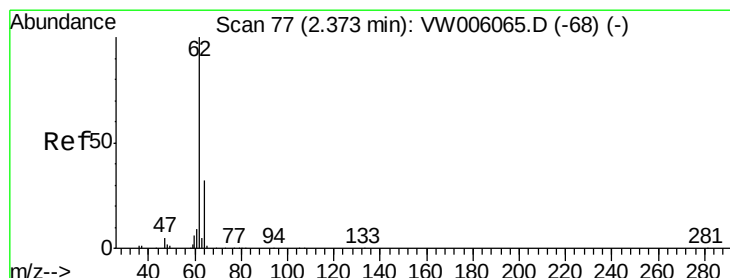
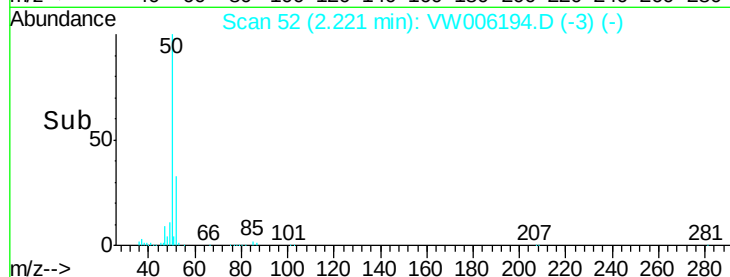
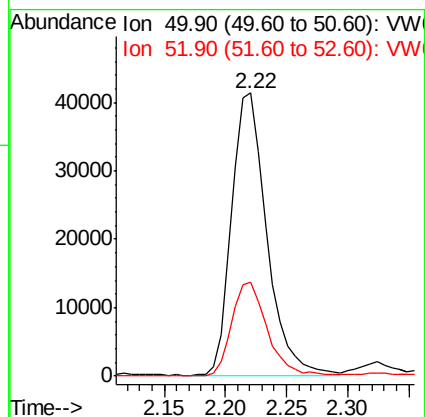
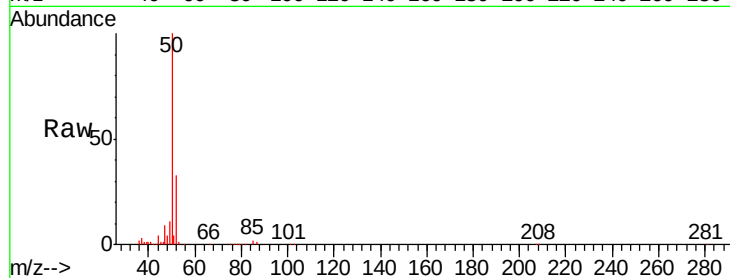
52 33.2 26.8 40.2

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#4

Vinyl Chloride

Concen: 50.62 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006194.D

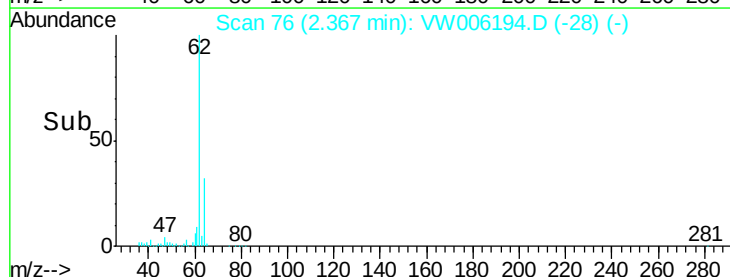
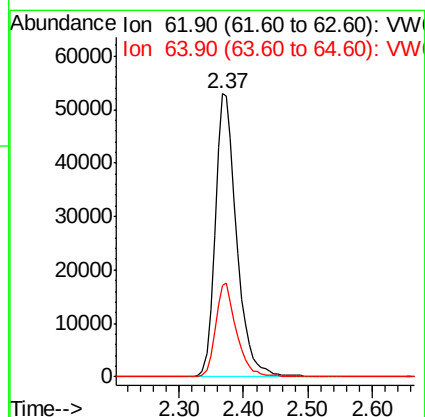
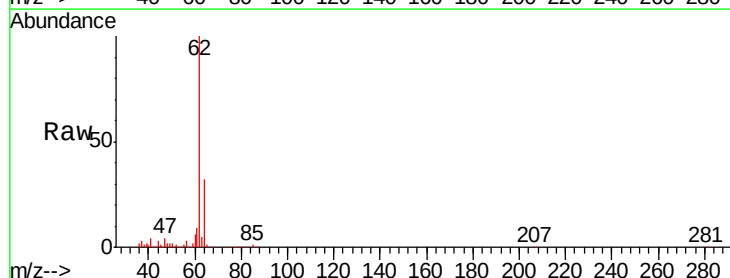
Acq: 18 Oct 2018 23:37

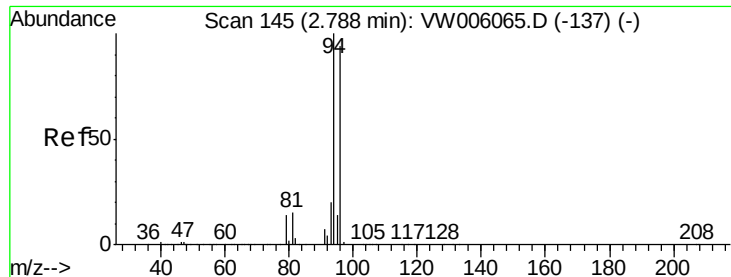
Tgt Ion: 62 Resp: 123530

Ion Ratio Lower Upper

62 100

64 32.4 25.9 38.9





#5

Bromomethane

Concen: 47.51 ug/l

RT: 2.79 min Scan# 145

Delta R.T. -0.00 min

Lab File: VW006194.D

Acq: 18 Oct 2018 23:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 94 Resp: 105466

Ion Ratio Lower Upper

94 100

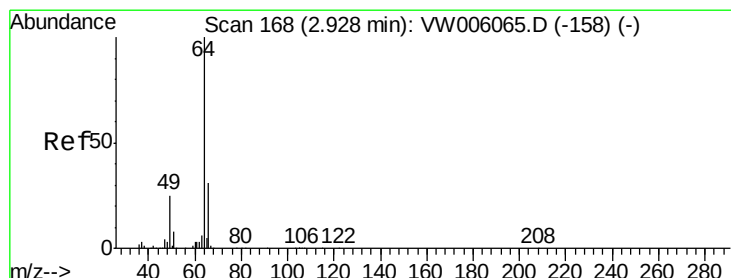
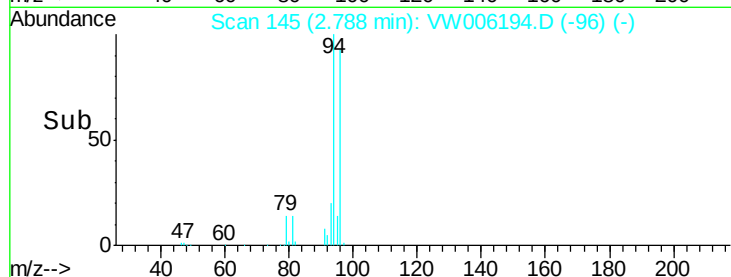
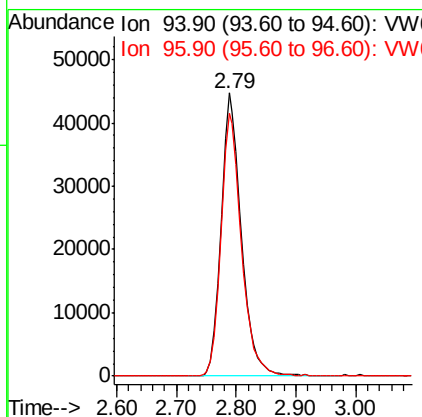
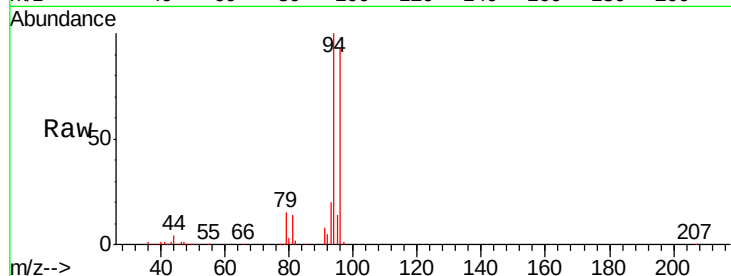
96 92.5 74.9 112.3

Manual Integrations

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#6

Chloroethane

Concen: 51.86 ug/l

RT: 2.93 min Scan# 169

Delta R.T. 0.01 min

Lab File: VW006194.D

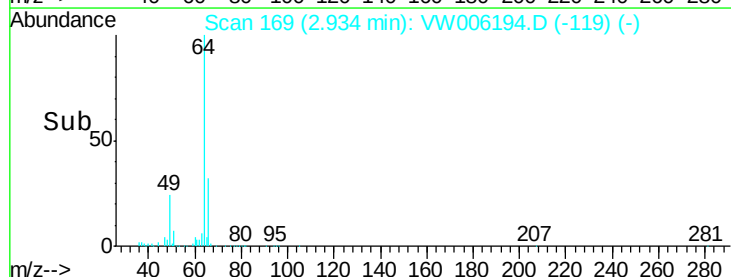
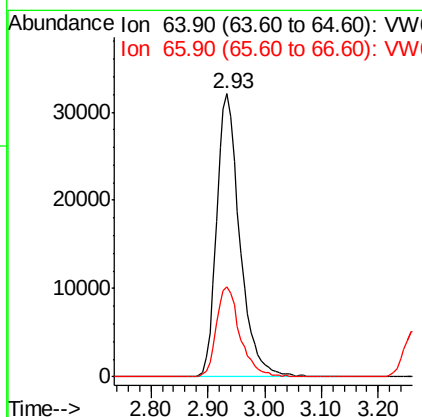
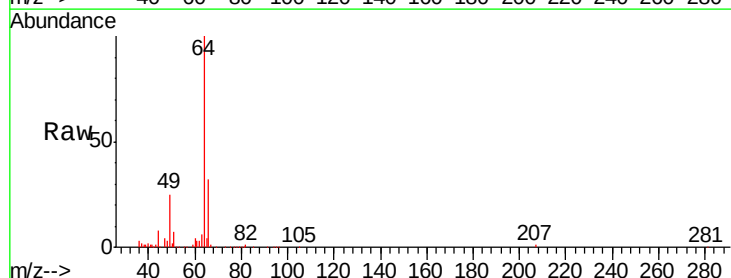
Acq: 18 Oct 2018 23:37

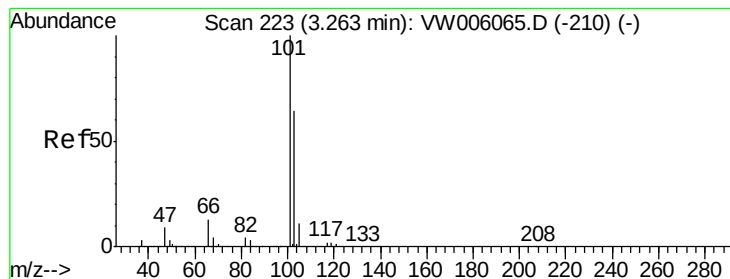
Tgt Ion: 64 Resp: 90706

Ion Ratio Lower Upper

64 100

66 31.7 24.9 37.3





#7

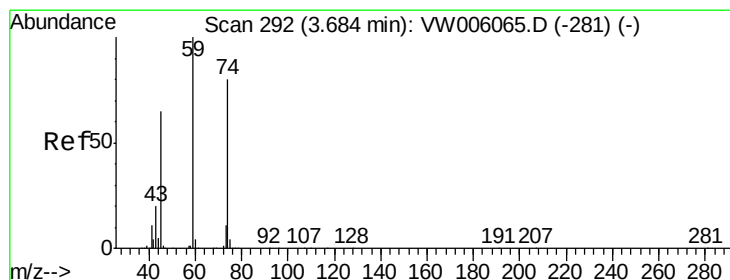
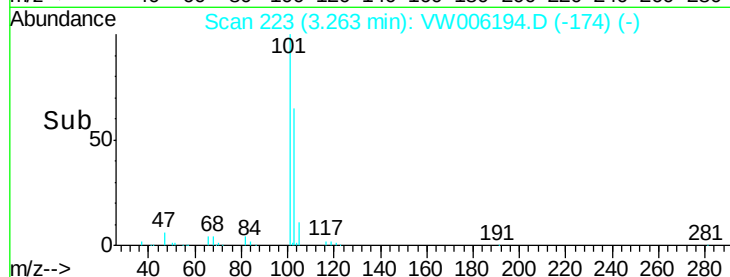
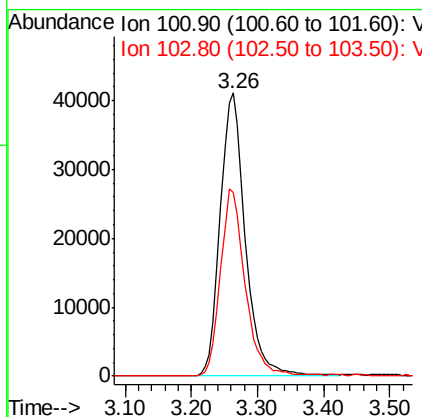
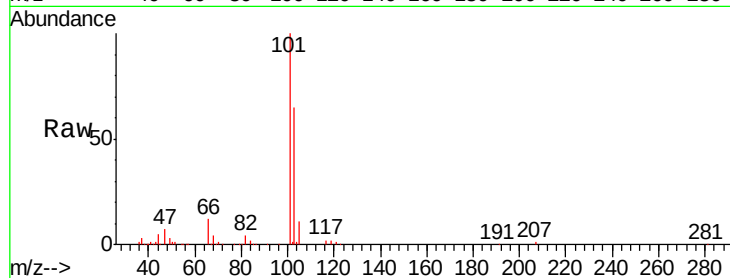
Trichlorofluoromethane
Concen: 47.68 ug/l
RT: 3.26 min Scan# 223
Delta R.T. -0.00 min
Lab File: VW006194.D
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Tgt Ion	Ratio	Lower	Upper
101	100		
103	64.7	51.2	76.8

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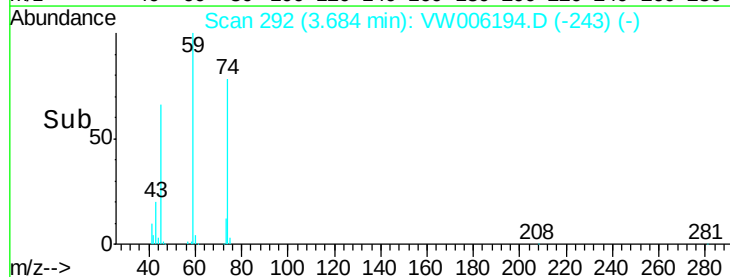
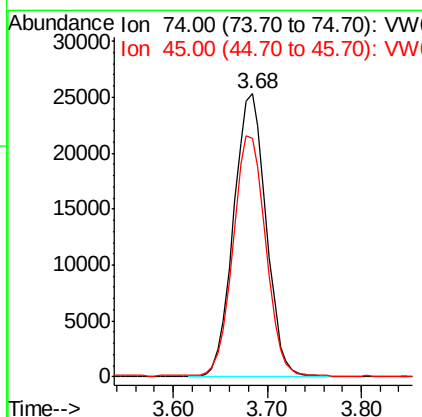
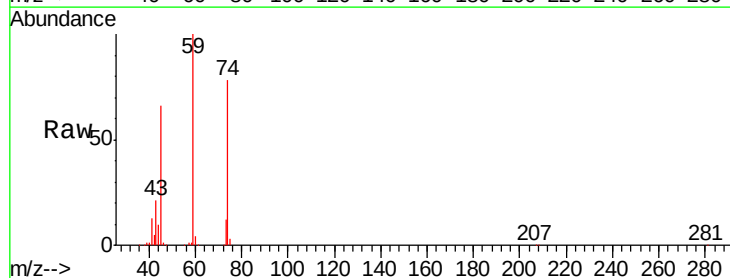
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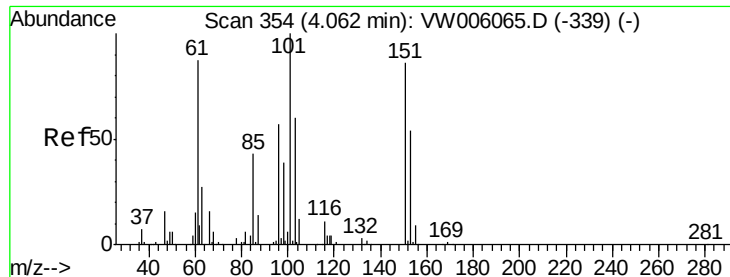


#8

Diethyl Ether
Concen: 50.27 ug/l
RT: 3.68 min Scan# 292
Delta R.T. -0.00 min
Lab File: VW006194.D
Acq: 18 Oct 2018 23:37

Tgt Ion	Ratio	Lower	Upper
74	100		
45	85.0	42.8	128.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.76 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.01 min

Lab File: VW006194.D

Acq: 18 Oct 2018 23:37

Instrument :

MSVOA_W

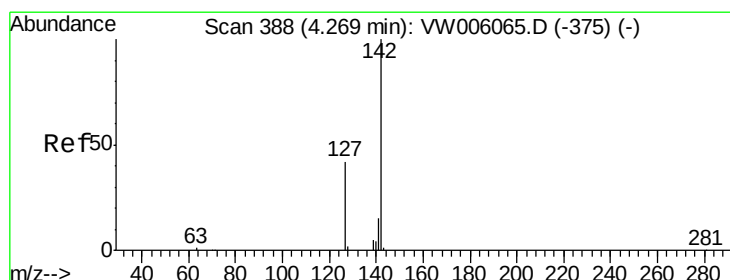
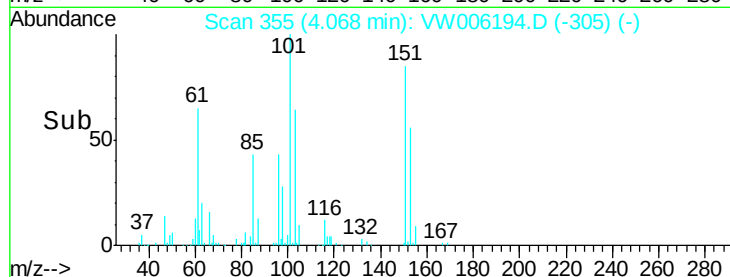
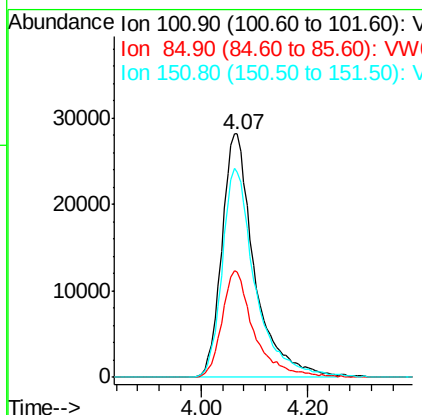
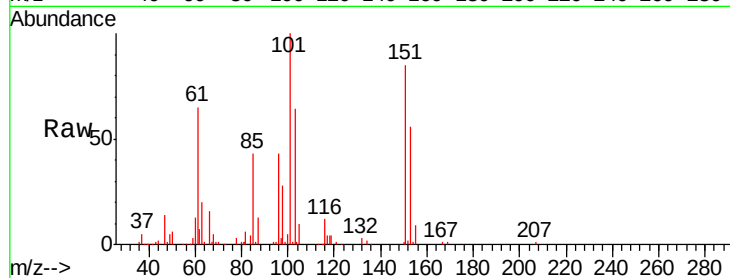
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	101	Resp:	120934
Ion Ratio	Lower	Upper	
101	100		
85	43.2	34.9	52.3
151	86.8	70.4	105.6

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#10

Methyl Iodide

Concen: 54.58 ug/l

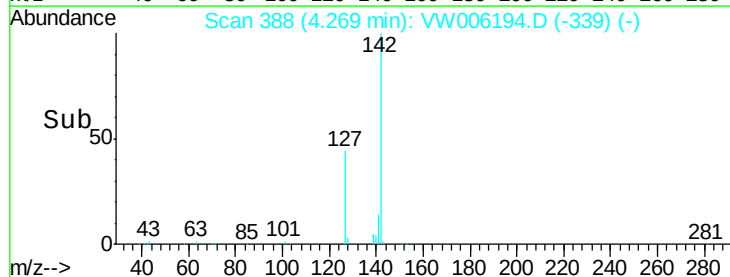
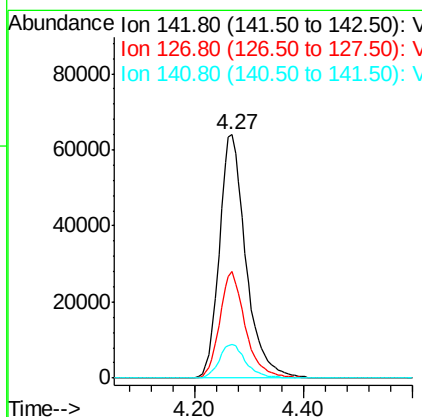
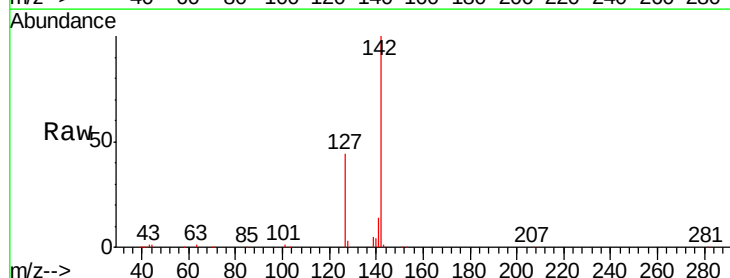
RT: 4.27 min Scan# 388

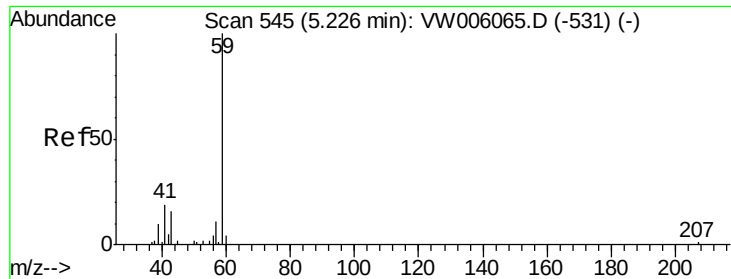
Delta R.T. -0.00 min

Lab File: VW006194.D

Acq: 18 Oct 2018 23:37

Tgt Ion:	142	Resp:	216454
Ion Ratio	Lower	Upper	
142	100		
127	42.3	33.6	50.4
141	14.0	11.6	17.4





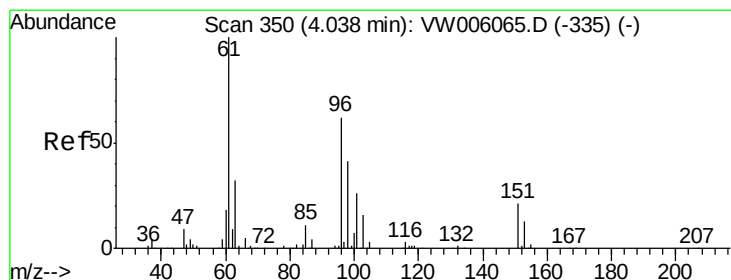
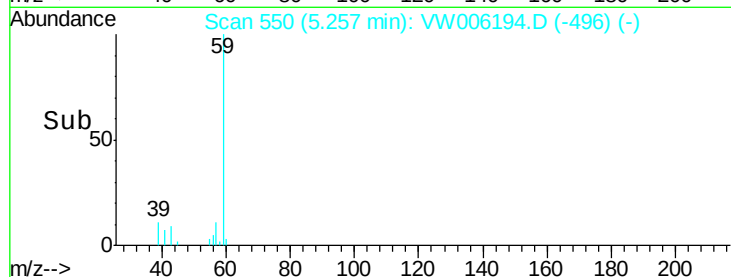
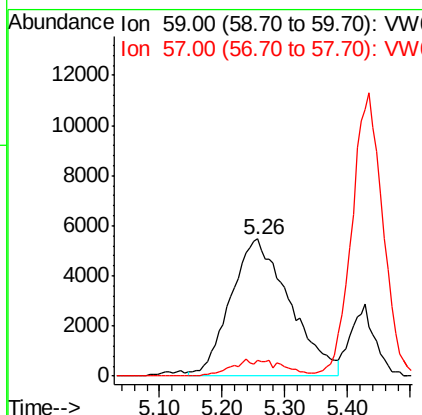
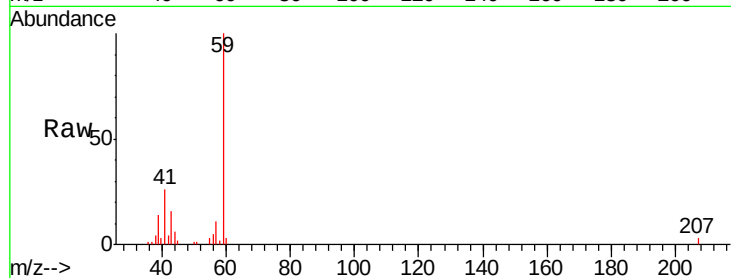
#11
Tert butyl alcohol
Concen: 239.29 ug/l
RT: 5.26 min Scan# 550
Delta R.T. 0.03 min
Lab File: VW006194.D
Acq: 18 Oct 2018 23:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 35794
Ion Ratio Lower Upper
59 100
57 4.7 8.7 13.1#

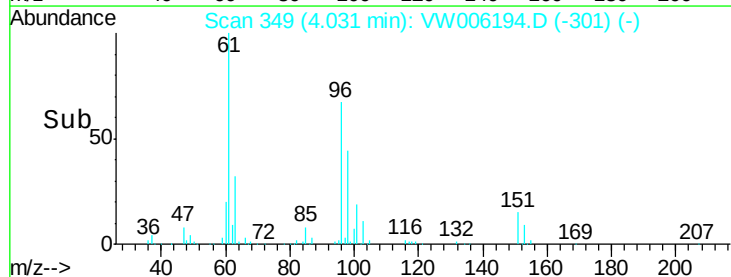
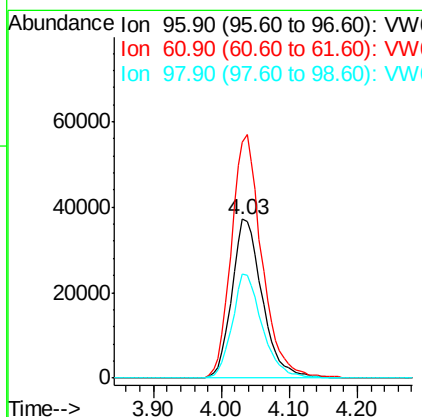
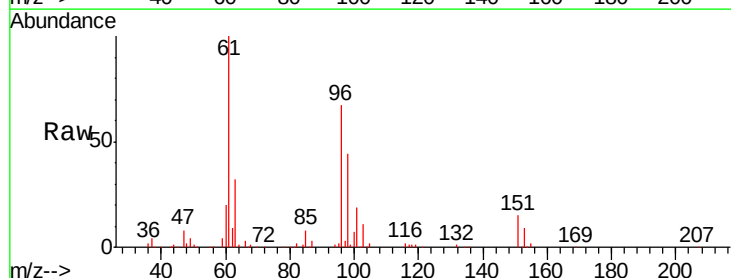
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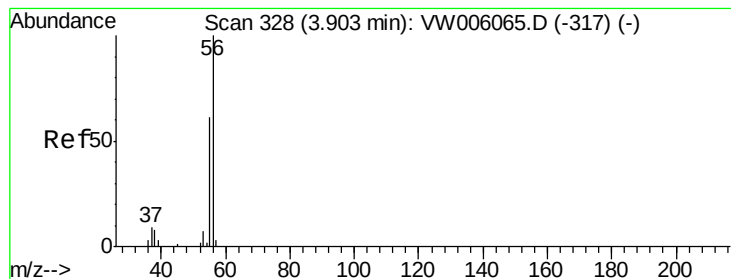
apatel
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#12
1,1-Dichloroethene
Concen: 51.61 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW006194.D
Acq: 18 Oct 2018 23:37

Tgt Ion: 96 Resp: 115697
Ion Ratio Lower Upper
96 100
61 148.4 129.3 193.9
98 65.7 53.1 79.7





#13

Acrolein

Concen: 190.39 ug/l

RT: 3.90 min Scan# 328

Delta R.T. -0.00 min

Lab File: VW006194.D

Acq: 18 Oct 2018 23:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 27558

Ion Ratio Lower Upper

56 100

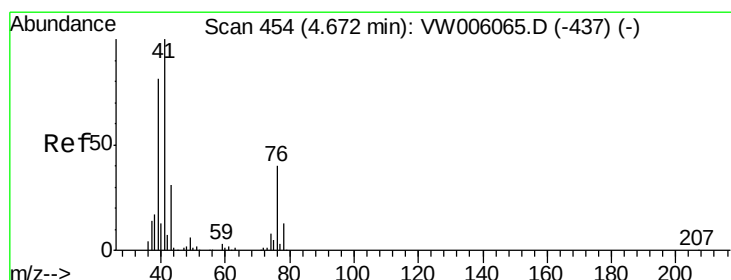
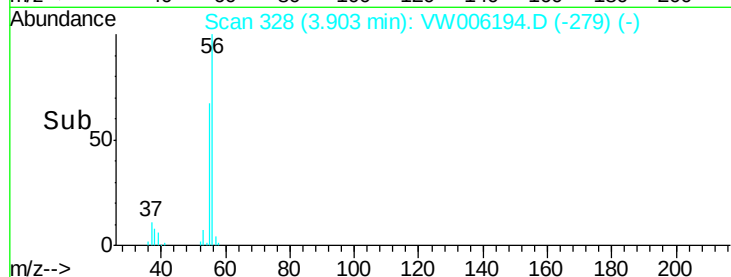
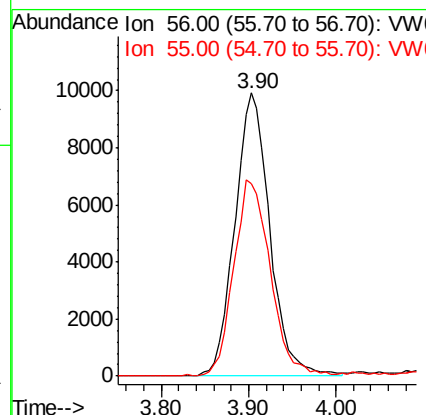
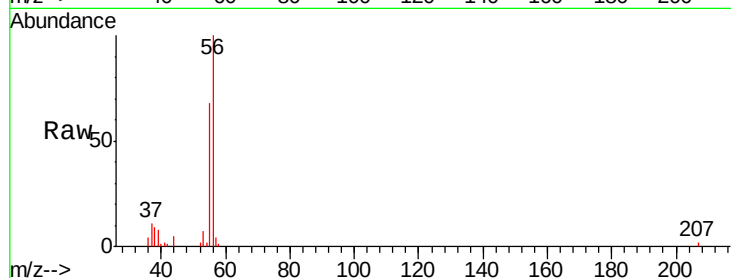
55 72.5 54.5 81.7

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#14

Allyl chloride

Concen: 51.40 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW006194.D

Acq: 18 Oct 2018 23:37

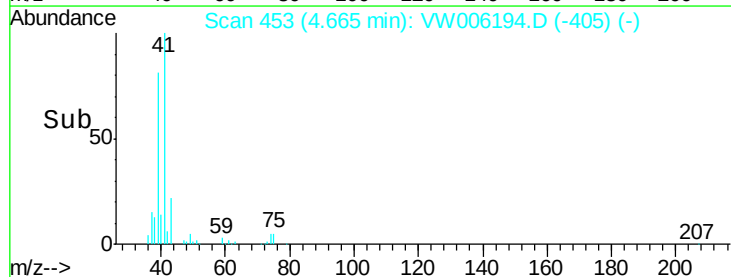
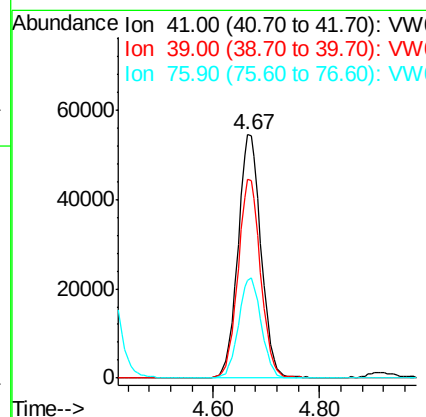
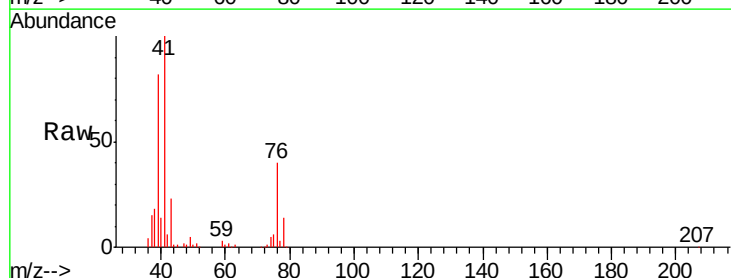
Tgt Ion: 41 Resp: 164746

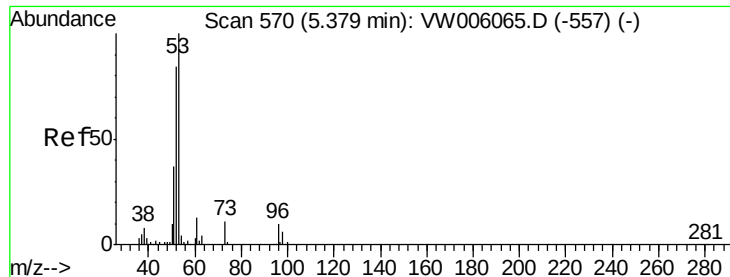
Ion Ratio Lower Upper

41 100

39 80.0 64.1 96.1

76 40.3 32.2 48.4





#15

Acrylonitrile

Concen: 264.26 ug/l

RT: 5.38 min Scan# 571

Delta R.T. 0.01 min

Lab File: VW006194.D

Acq: 18 Oct 2018 23:37

Instrument :

MSVOA_W

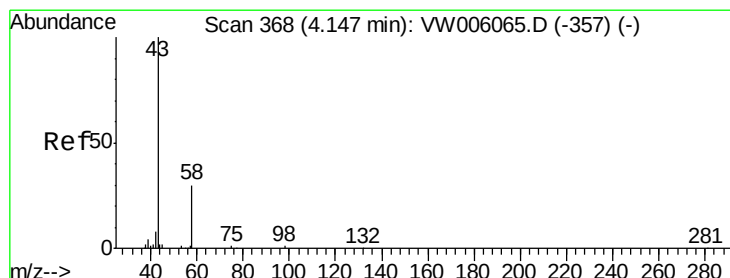
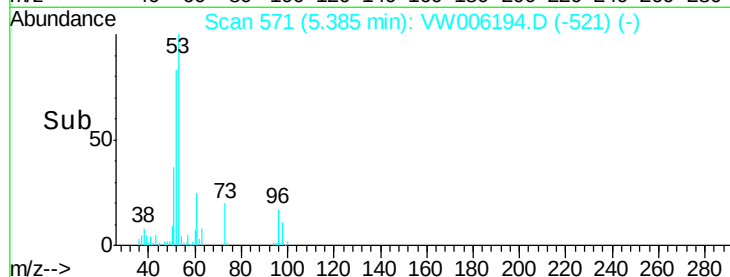
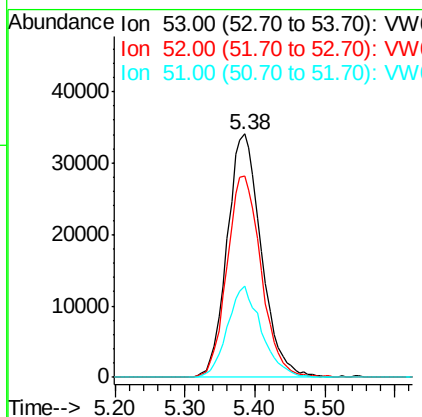
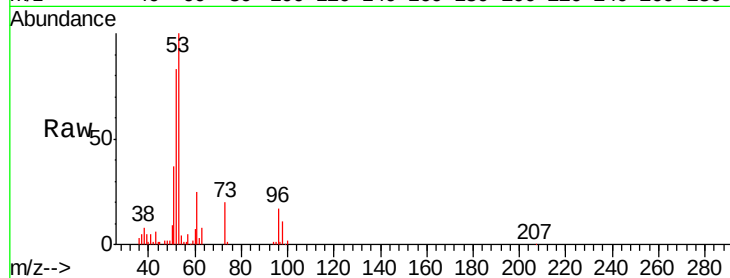
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	53	Resp:	114524
Ion	Ratio	Lower	Upper
53	100		
52	83.5	66.9	100.3
51	37.7	30.1	45.1

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#16

Acetone

Concen: 236.91 ug/l

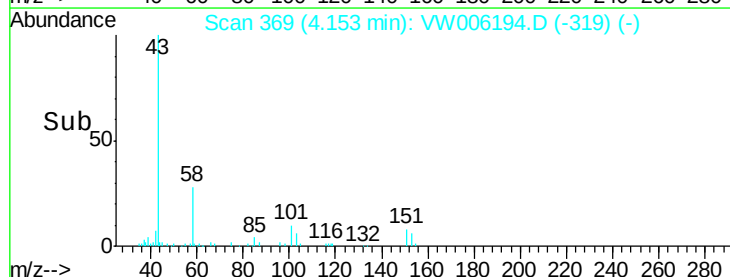
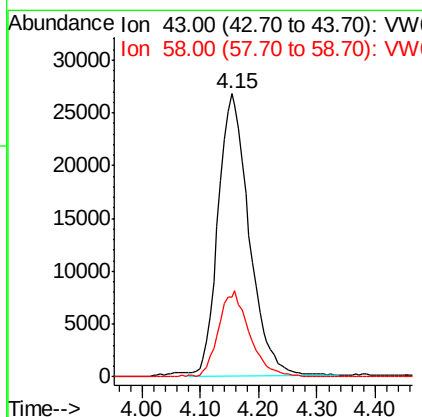
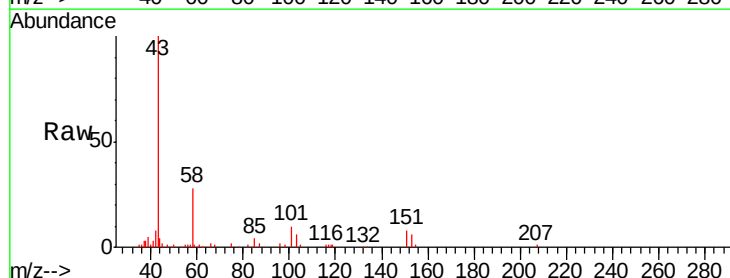
RT: 4.15 min Scan# 369

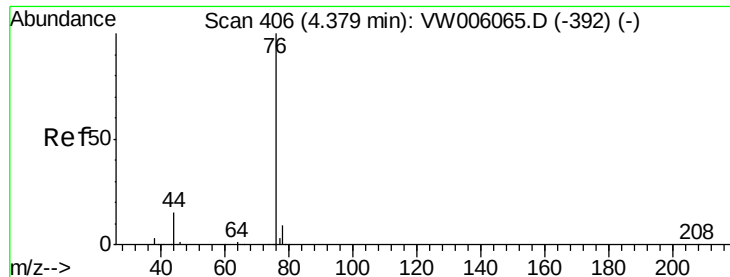
Delta R.T. 0.01 min

Lab File: VW006194.D

Acq: 18 Oct 2018 23:37

Tgt Ion:	43	Resp:	99181
Ion	Ratio	Lower	Upper
43	100		
58	28.2	24.0	36.0





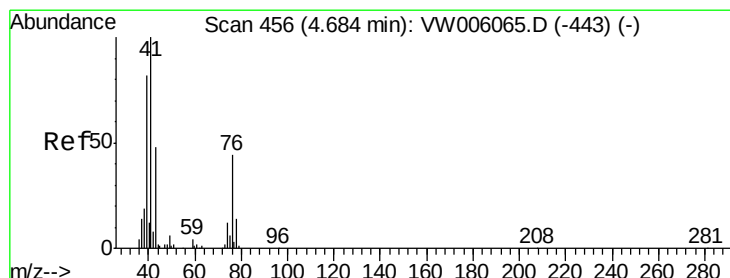
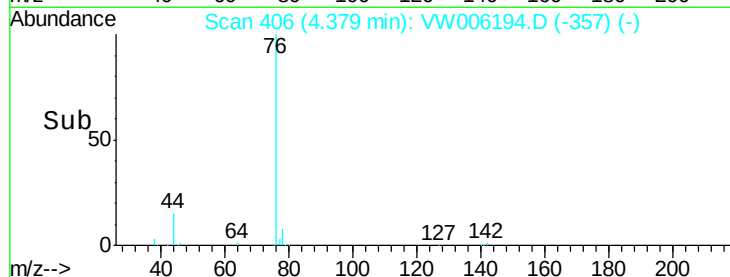
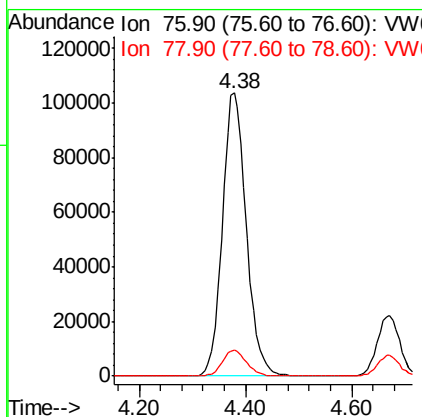
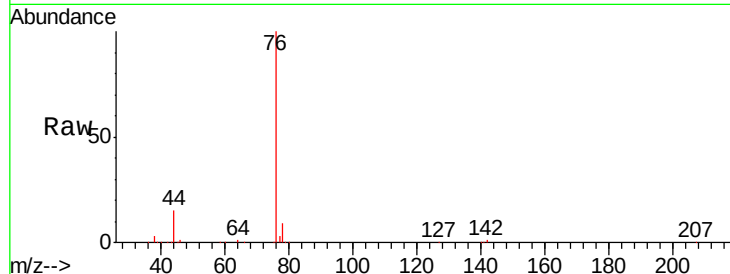
#17
Carbon Disulfide
Concen: 48.02 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW006194.D
Acq: 18 Oct 2018 23:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.5	11.3

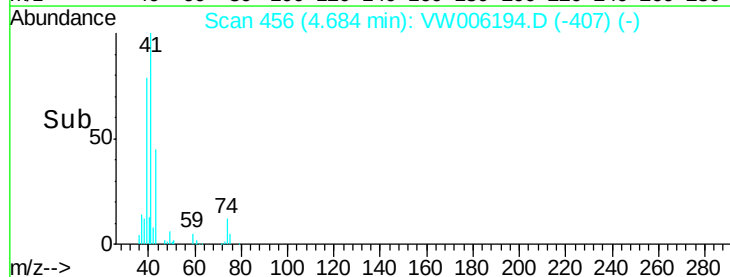
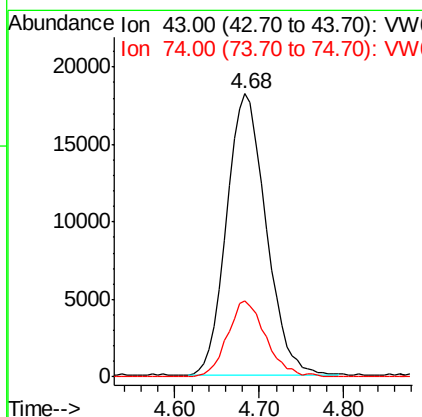
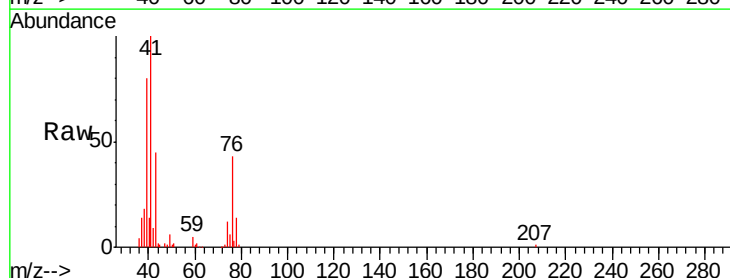
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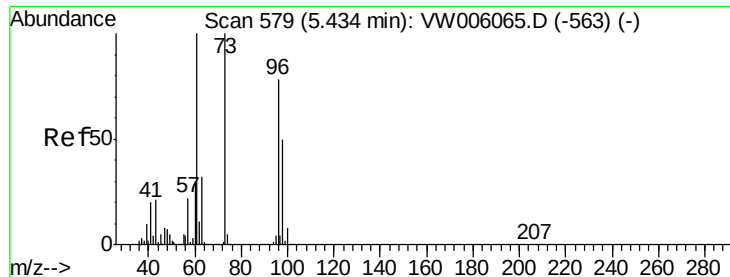
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#18
Methyl Acetate
Concen: 51.73 ug/l
RT: 4.68 min Scan# 456
Delta R.T. -0.00 min
Lab File: VW006194.D
Acq: 18 Oct 2018 23:37

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.3	20.5	30.7





#19

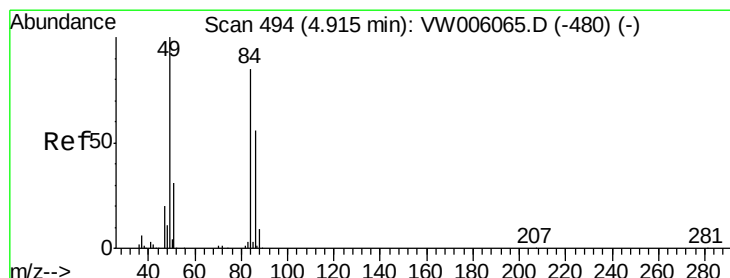
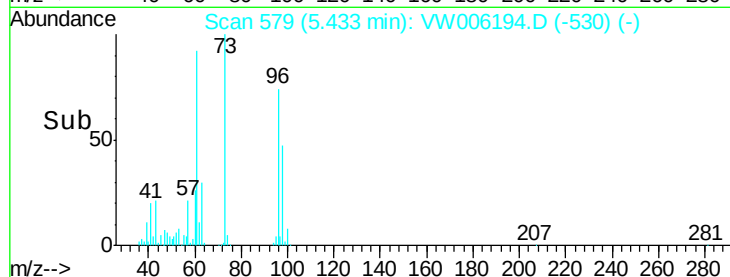
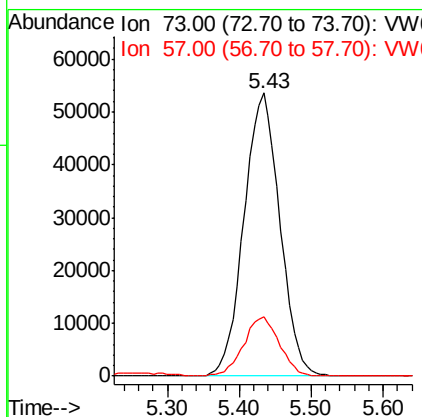
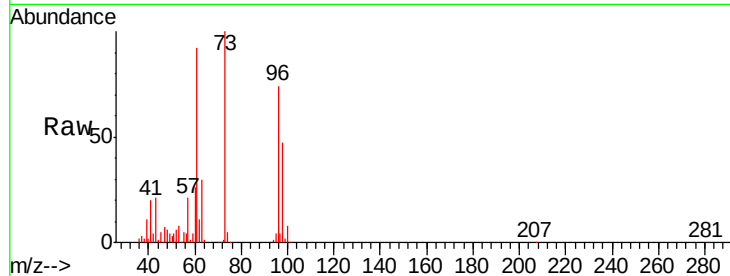
Methyl tert-butyl Ether
 Concen: 54.23 ug/l
 RT: 5.43 min Scan# 579
 Delta R.T. -0.00 min
 Lab File: VW006194.D
 Acq: 18 Oct 2018 23:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
73	100		
57	21.1	17.4	26.2

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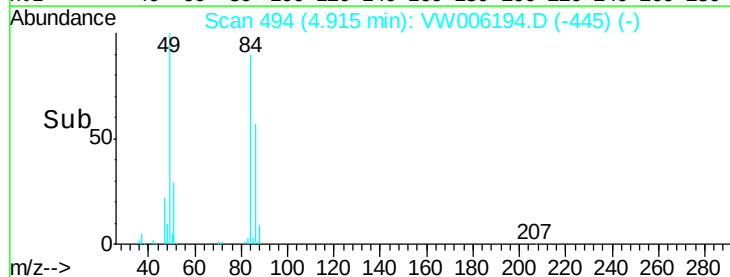
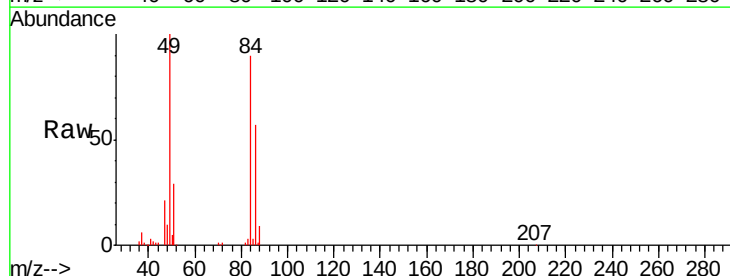
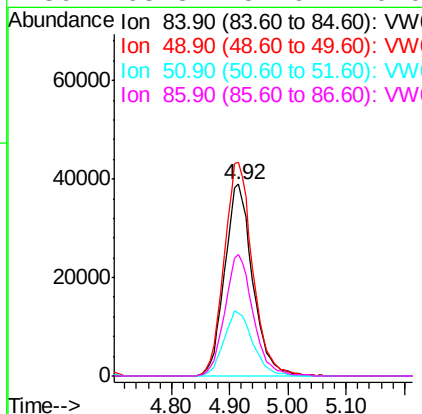
apatel
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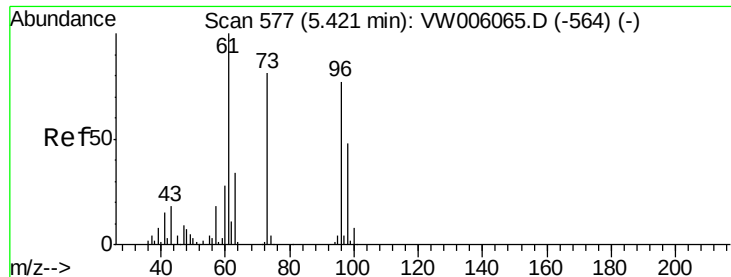


#20

Methylene Chloride
 Concen: 55.39 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: VW006194.D
 Acq: 18 Oct 2018 23:37

Tgt Ion	Ratio	Lower	Upper
84	100		
49	111.6	93.6	140.4
51	32.7	29.0	43.4
86	63.3	52.6	79.0





#21

trans-1,2-Dichloroethene

Concen: 53.47 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW006194.D

Acq: 18 Oct 2018 23:37

Instrument :

MSVOA_W

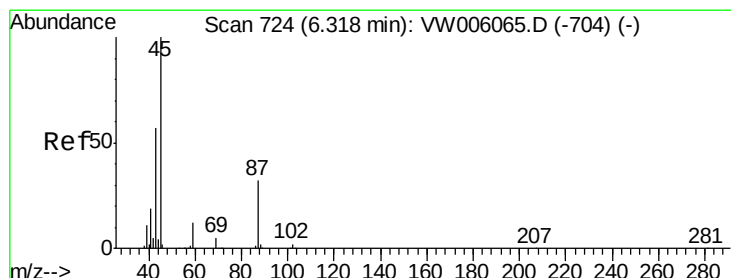
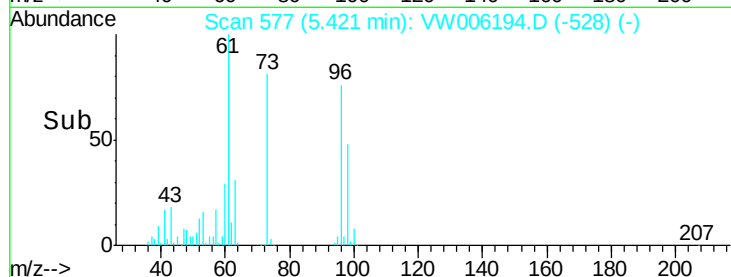
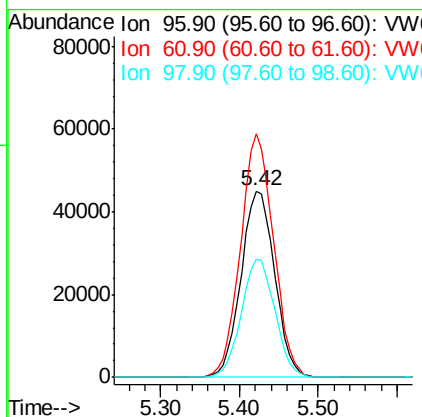
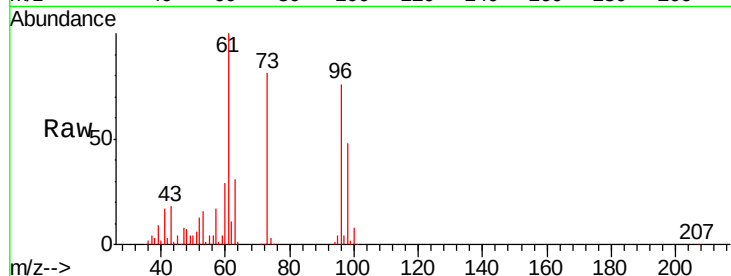
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	96	Resp:	133786
Ion	Ratio	Lower	Upper
96	100		
61	130.8	104.5	156.7
98	63.3	50.6	75.8

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#22

Diisopropyl ether

Concen: 54.32 ug/l

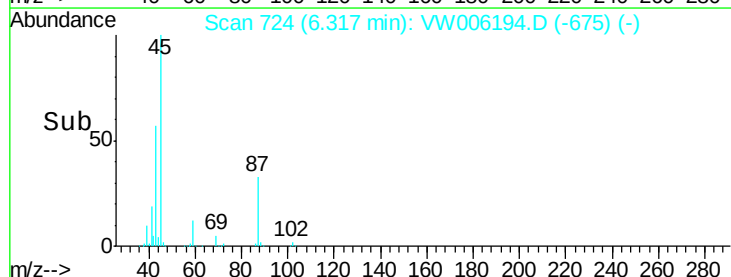
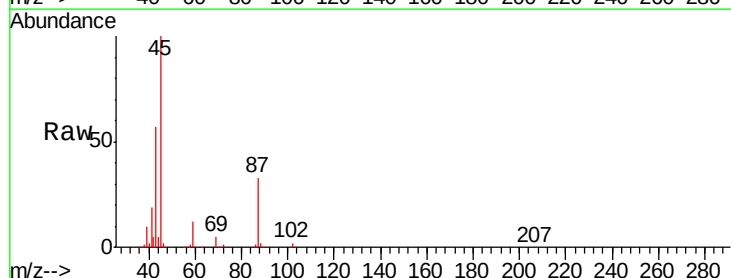
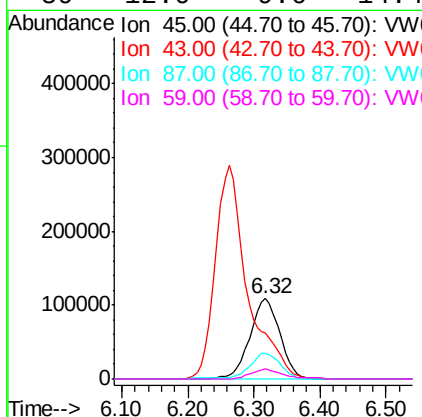
RT: 6.32 min Scan# 724

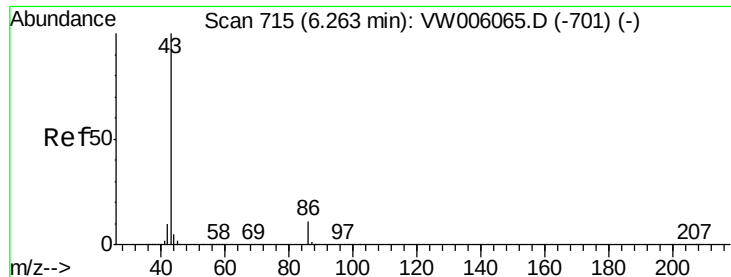
Delta R.T. -0.00 min

Lab File: VW006194.D

Acq: 18 Oct 2018 23:37

Tgt Ion:	45	Resp:	344077
Ion	Ratio	Lower	Upper
45	100		
43	56.2	45.7	68.5
87	32.5	25.9	38.9
59	12.0	9.6	14.4





#23

Vinyl Acetate

Concen: 260.65 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW006194.D

Acq: 18 Oct 2018 23:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 974289

Ion Ratio Lower Upper

43 100

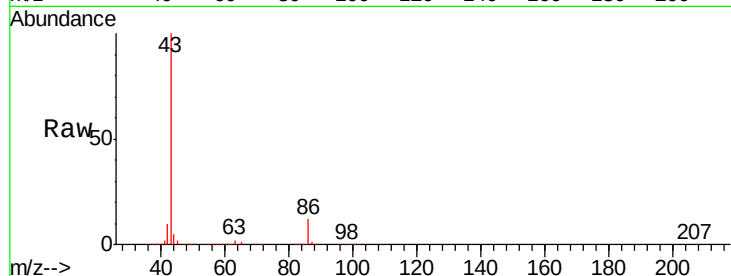
86 11.6 9.0 13.6

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

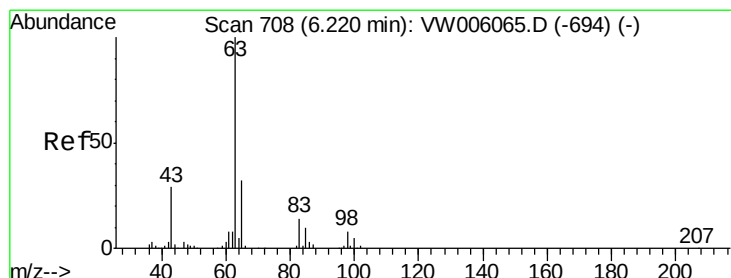
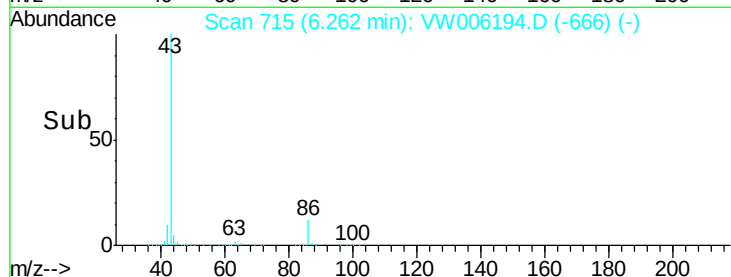
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 53.89 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.00 min

Lab File: VW006194.D

Acq: 18 Oct 2018 23:37

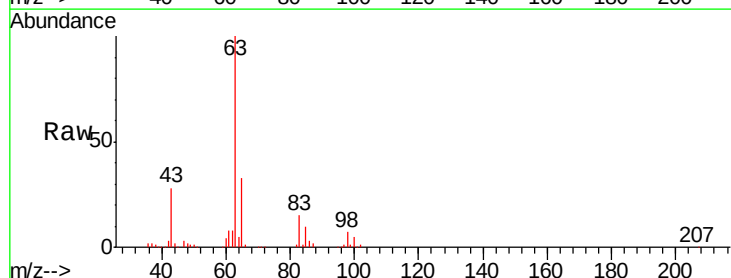
Tgt Ion: 63 Resp: 220234

Ion Ratio Lower Upper

63 100

98 7.2 3.8 11.2

100 4.6 2.5 7.5



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.22

100000

80000

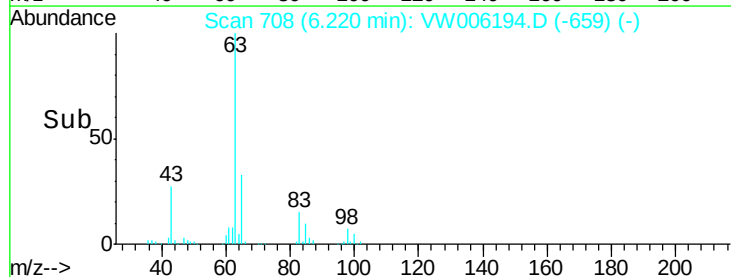
60000

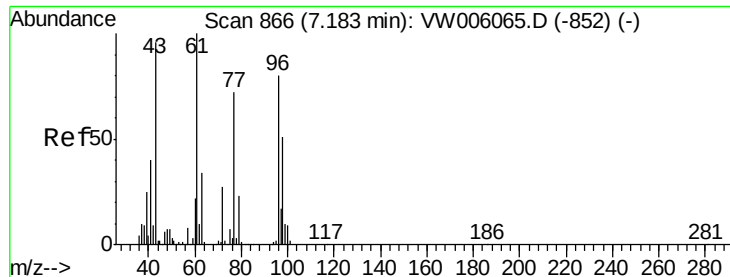
40000

20000

0

Time-->





#25

2-Butanone

Concen: 249.50 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: VW006194.D

Acq: 18 Oct 2018 23:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 149916

Ion Ratio Lower Upper

43 100

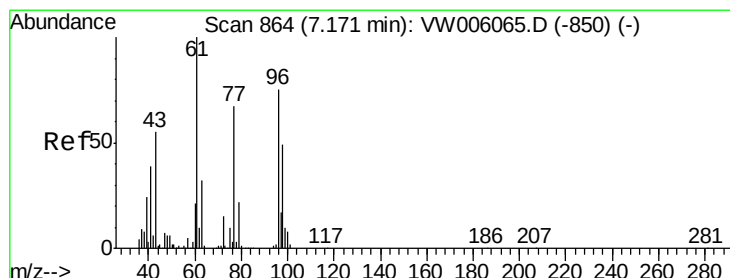
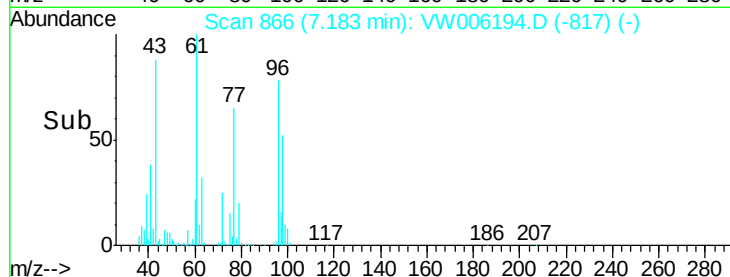
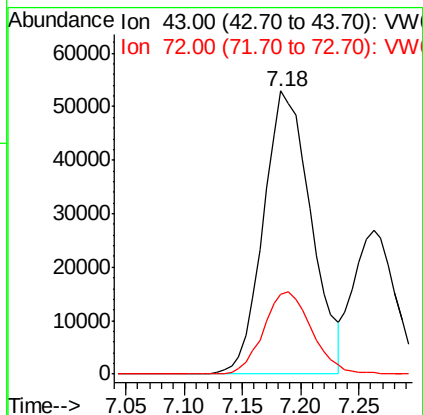
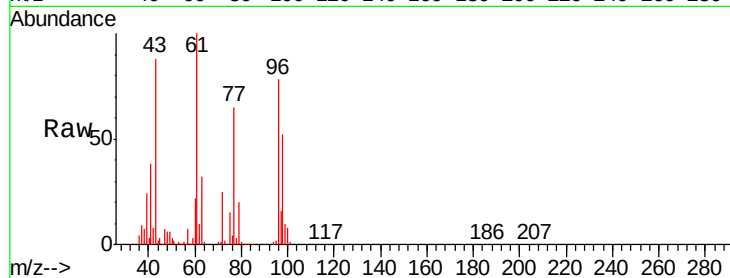
72 28.2 22.8 34.2

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#26

2,2-Dichloropropane

Concen: 47.01 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW006194.D

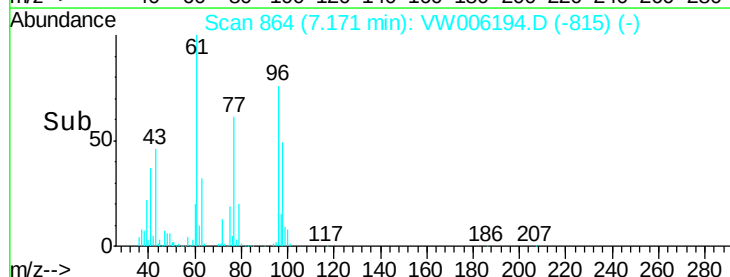
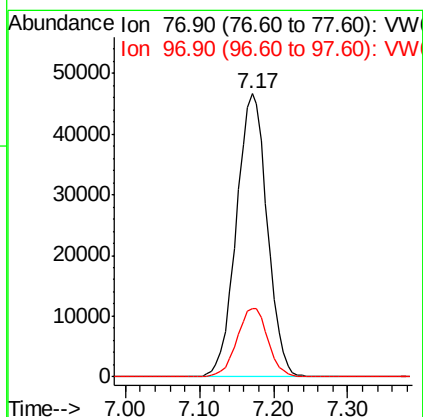
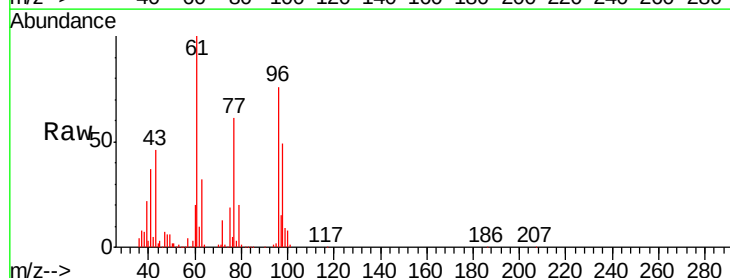
Acq: 18 Oct 2018 23:37

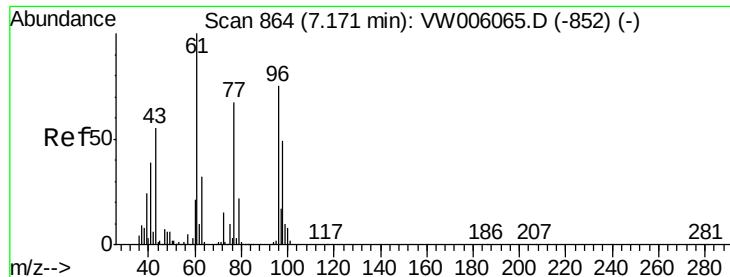
Tgt Ion: 77 Resp: 135511

Ion Ratio Lower Upper

77 100

97 24.2 12.2 36.4





#27

cis-1,2-Dichloroethene

Concen: 54.22 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW006194.D

Acq: 18 Oct 2018 23:37

Instrument :

MSVOA_W

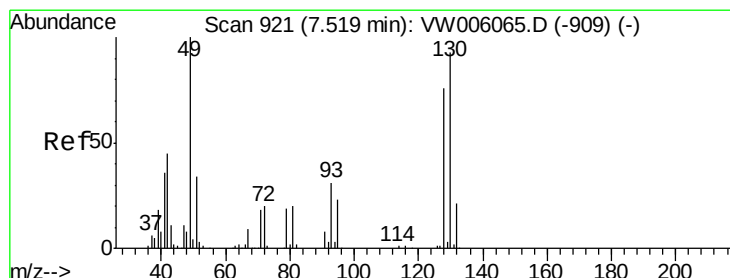
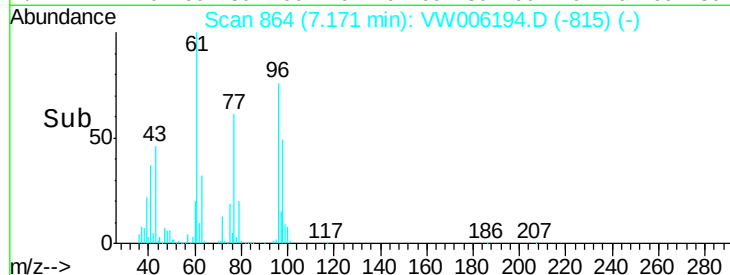
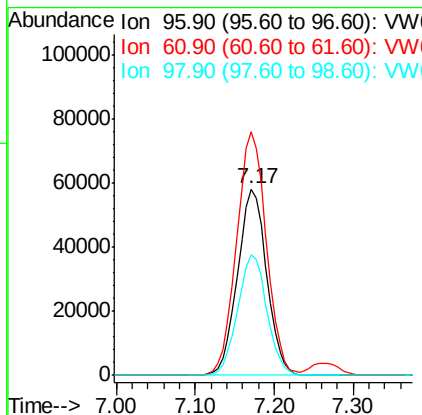
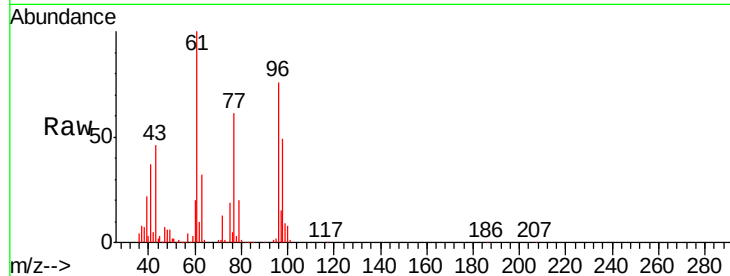
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	96	Resp:	149713
Ion	Ratio	Lower	Upper
96	100		
61	133.2	0.0	267.2
98	64.7	0.0	128.6

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#28

Bromochloromethane

Concen: 56.14 ug/l

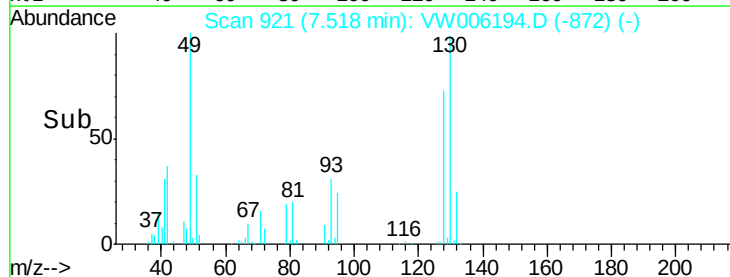
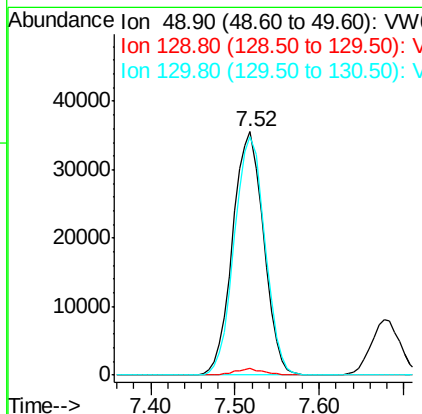
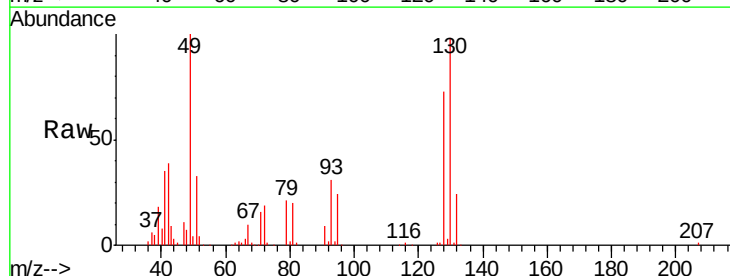
RT: 7.52 min Scan# 921

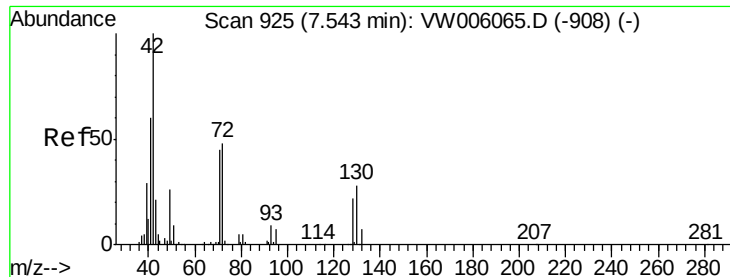
Delta R.T. -0.00 min

Lab File: VW006194.D

Acq: 18 Oct 2018 23:37

Tgt Ion:	49	Resp:	88575
Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.0
130	96.6	73.8	110.8





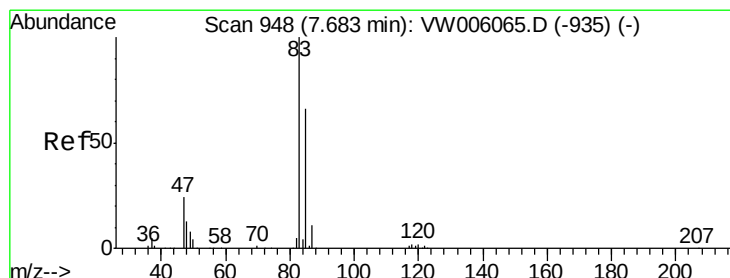
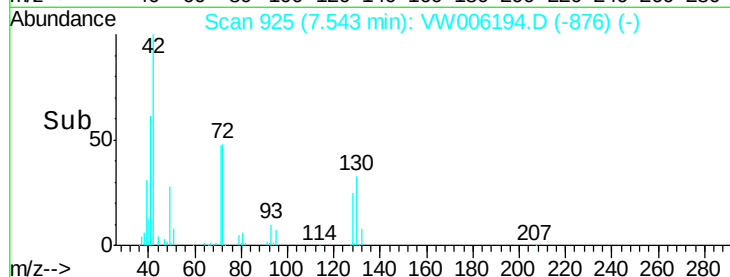
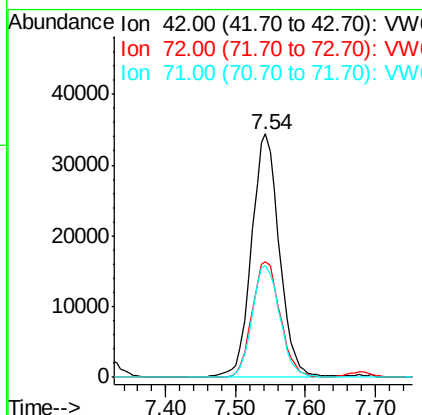
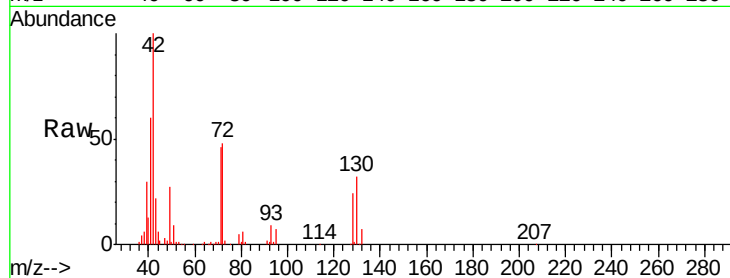
#29
Tetrahydrofuran
Concen: 257.84 ug/l
RT: 7.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: VW006194.D
Acq: 18 Oct 2018 23:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
42	100		
72	47.7	38.0	57.0
71	45.4	35.3	52.9

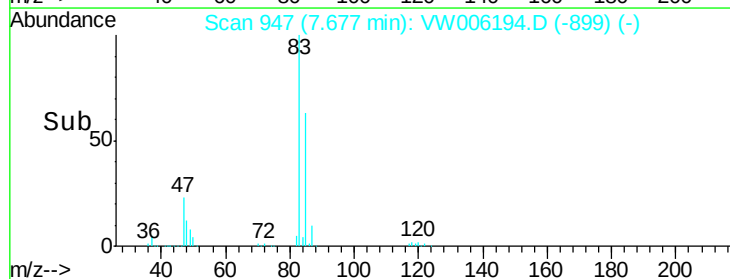
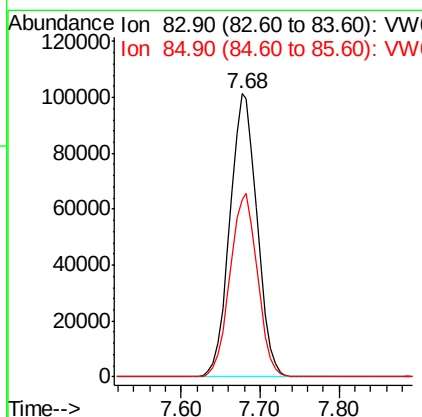
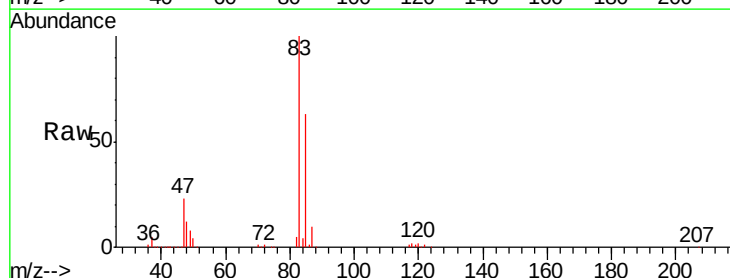
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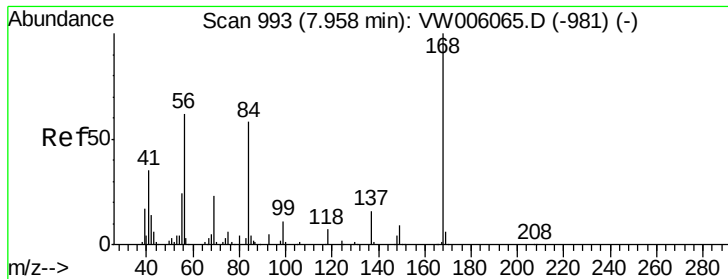
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#30
Chloroform
Concen: 54.48 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.01 min
Lab File: VW006194.D
Acq: 18 Oct 2018 23:37

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.8	52.6	79.0





#31

Cyclohexane

Concen: 46.47 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW006194.D

Acq: 18 Oct 2018 23:37

Instrument :

MSVOA_W

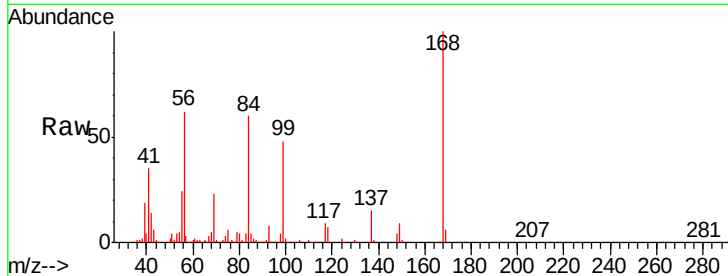
ClientSampleId :

VSTDCCC050EC

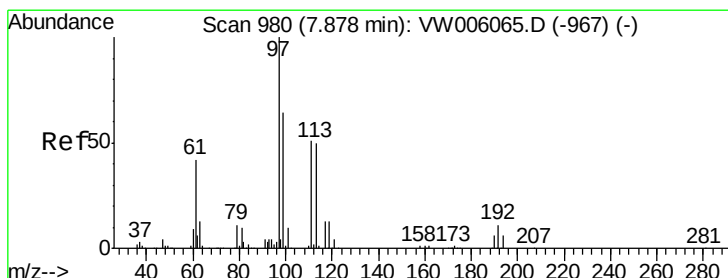
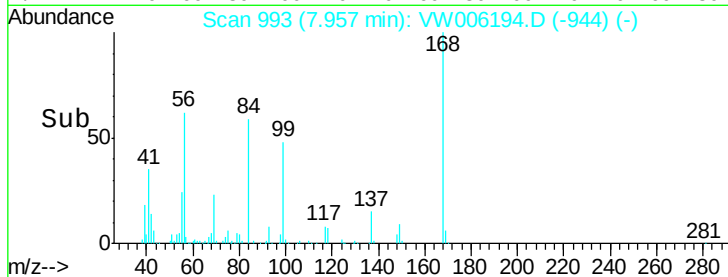
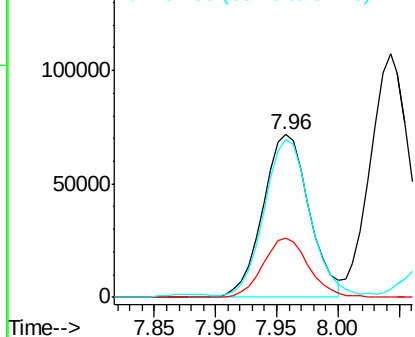
Tgt Ion:	56	Resp:	189113
Ion Ratio		Lower	Upper
56	100		
69	36.5	29.4	44.0
84	94.7	74.0	111.0

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Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



#32

1,1,1-Trichloroethane

Concen: 52.49 ug/l

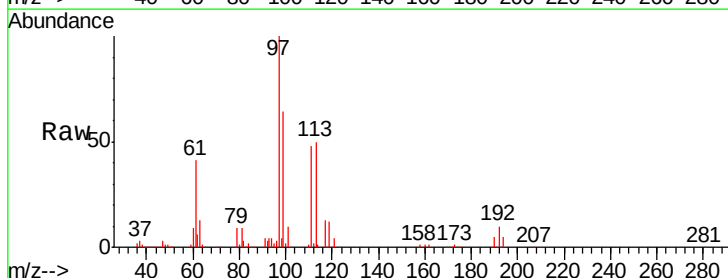
RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

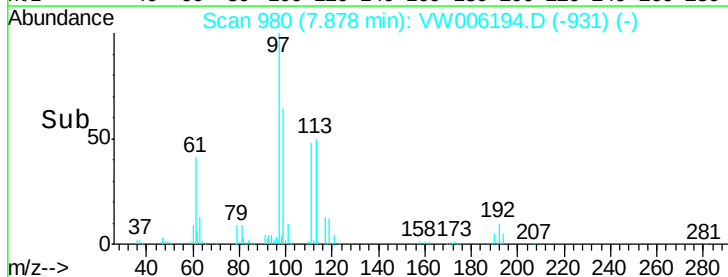
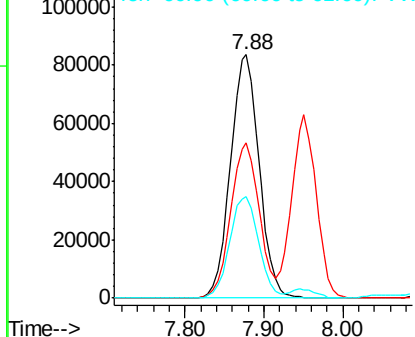
Lab File: VW006194.D

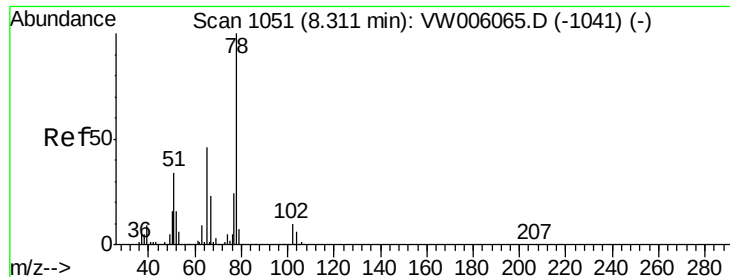
Acq: 18 Oct 2018 23:37

Tgt Ion:	97	Resp:	210847
Ion Ratio		Lower	Upper
97	100		
99	63.8	50.9	76.3
61	42.4	33.7	50.5



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW





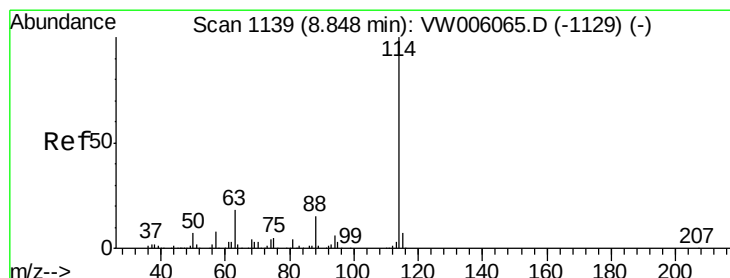
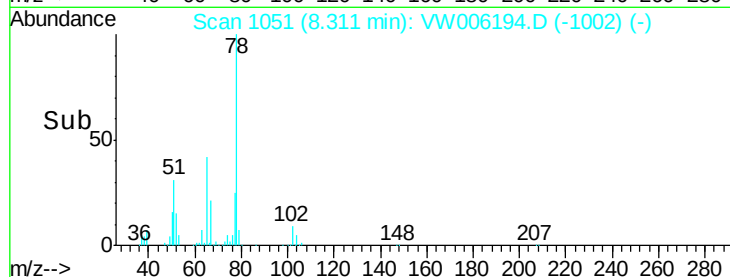
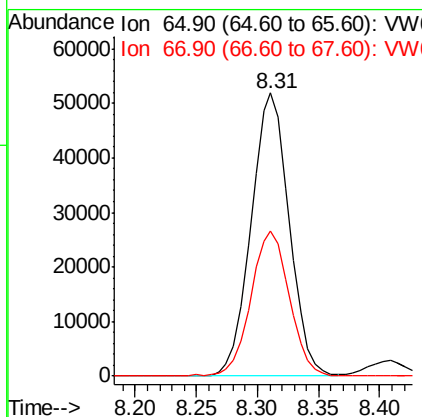
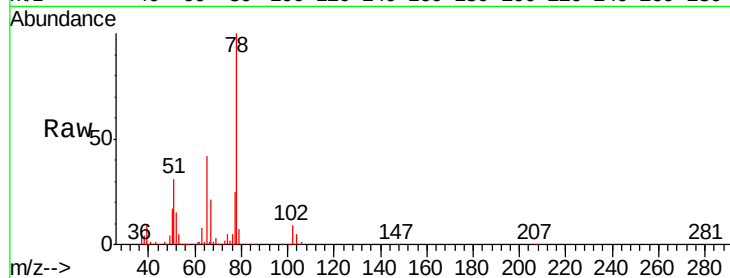
#33
 1,2-Dichloroethane-d4
 Concen: 50.50 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006194.D
 Acq: 18 Oct 2018 23:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	112325		
67	51.8	0.0	101.0	

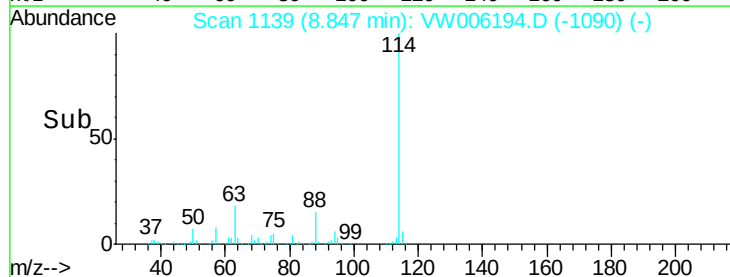
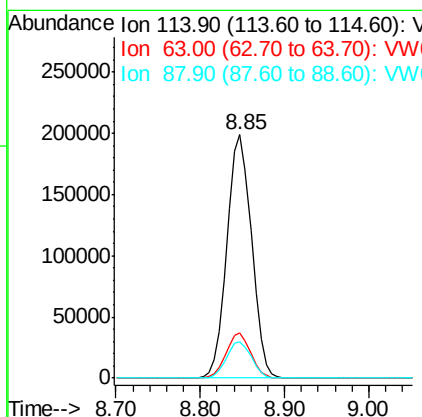
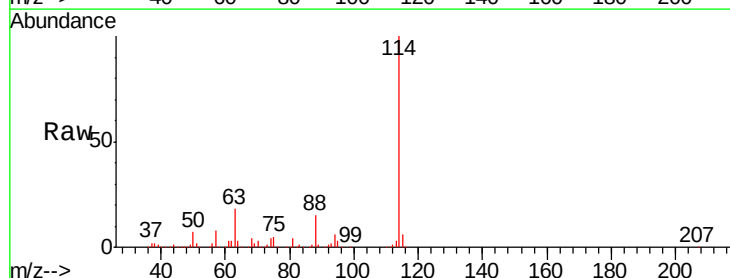
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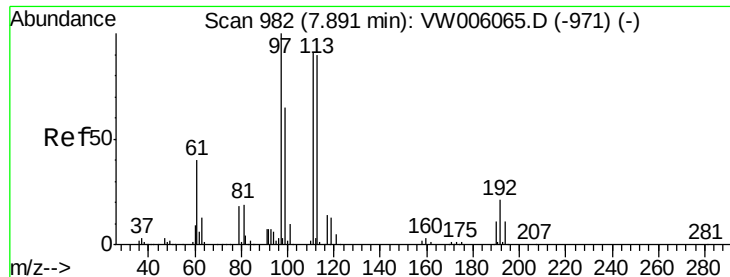
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006194.D
 Acq: 18 Oct 2018 23:37

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	392333		
63	18.4	0.0	36.8	
88	14.8	0.0	29.0	





#35

Dibromofluoromethane

Concen: 49.66 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW006194.D

Acq: 18 Oct 2018 23:37

Instrument :

MSVOA_W

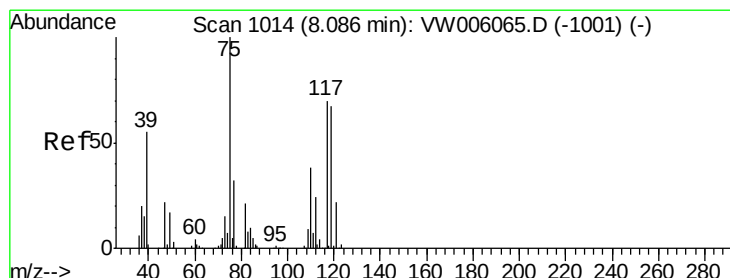
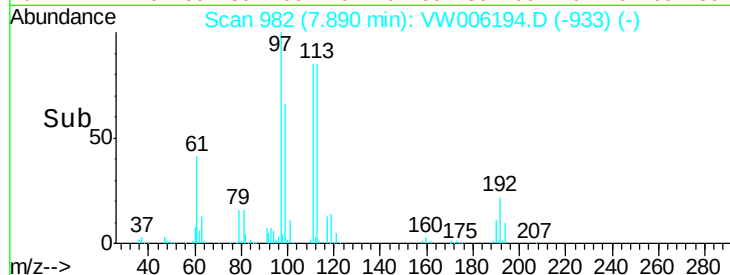
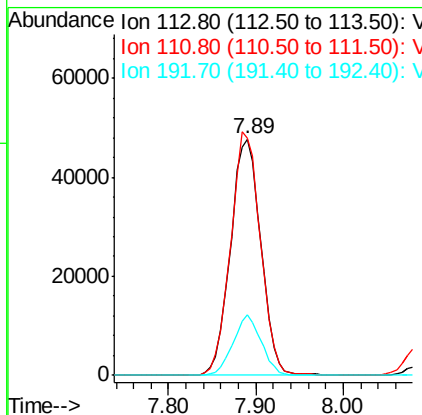
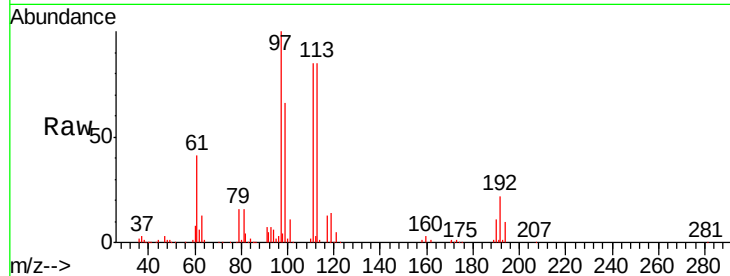
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	113	Resp:	115124
Ion Ratio	Lower	Upper	
113	100		
111	101.4	81.4	122.0
192	23.8	18.7	28.1

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#36

1,1-Dichloropropene

Concen: 50.77 ug/l

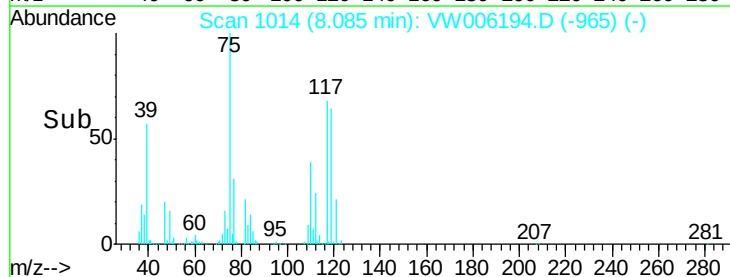
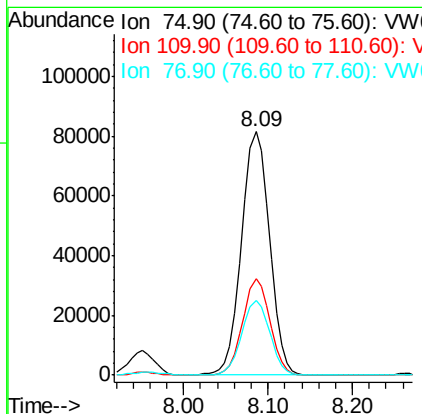
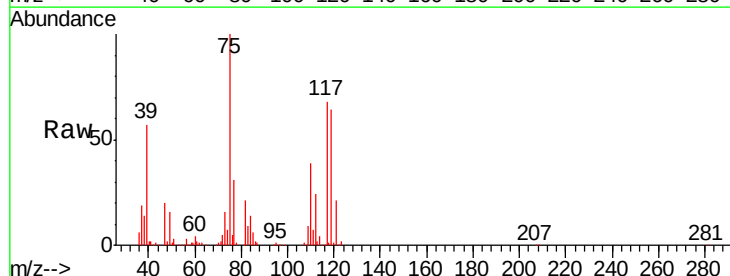
RT: 8.09 min Scan# 1014

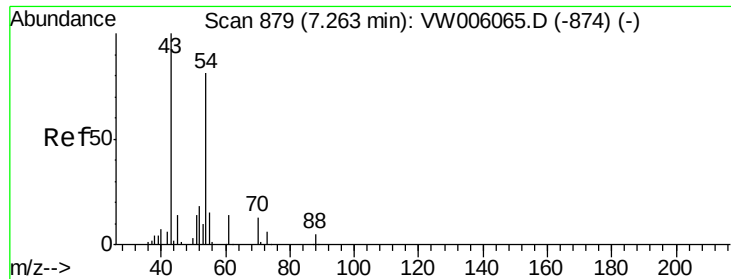
Delta R.T. -0.00 min

Lab File: VW006194.D

Acq: 18 Oct 2018 23:37

Tgt Ion:	75	Resp:	183601
Ion Ratio	Lower	Upper	
75	100		
110	38.2	19.1	57.1
77	30.8	25.0	37.4





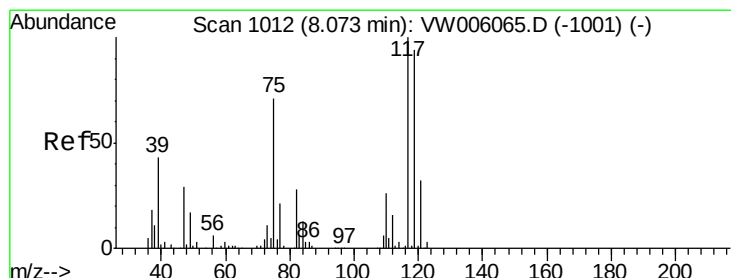
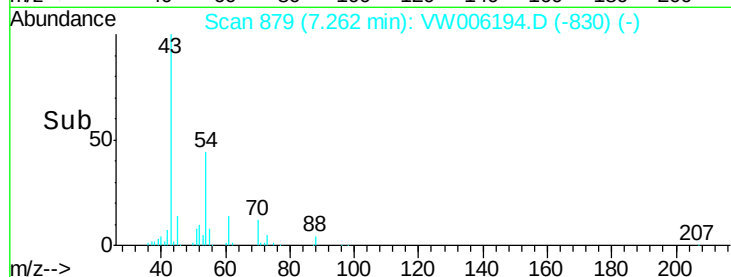
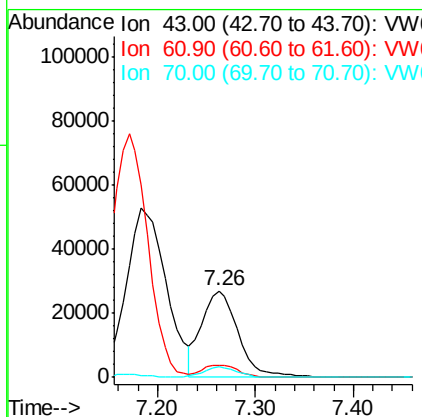
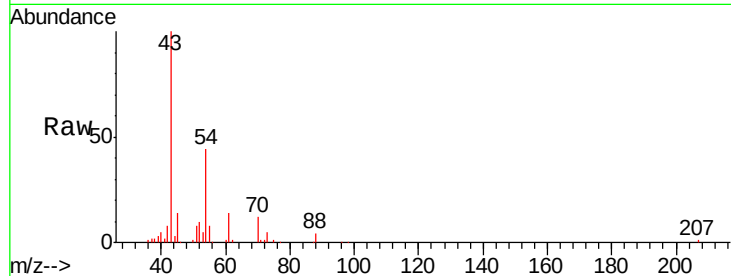
#37
 Ethyl Acetate
 Concen: 51.09 ug/l
 RT: 7.26 min Scan# 879
 Delta R.T. -0.00 min
 Lab File: VW006194.D
 Acq: 18 Oct 2018 23:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 68636
 Ion Ratio Lower Upper
 43 100
 61 14.4 11.5 17.3
 70 11.4 9.2 13.8

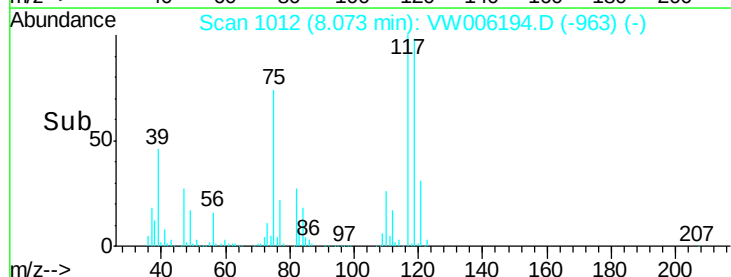
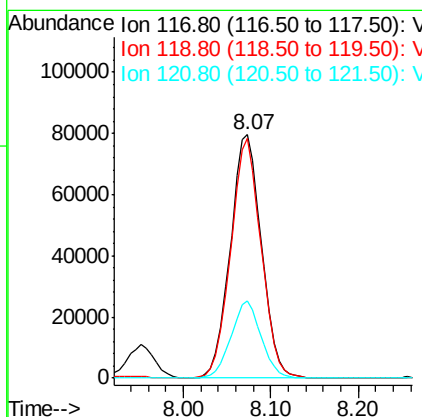
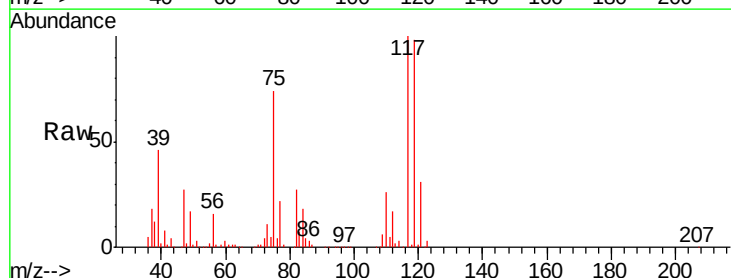
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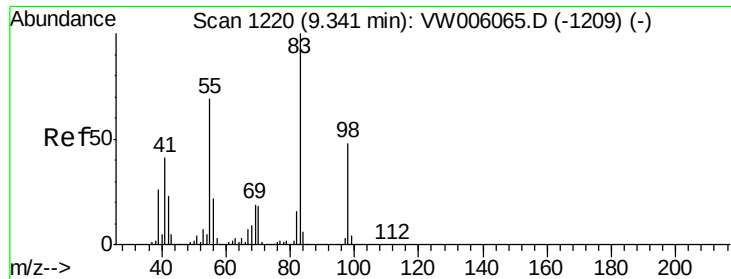
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#38
 Carbon Tetrachloride
 Concen: 49.66 ug/l
 RT: 8.07 min Scan# 1012
 Delta R.T. -0.00 min
 Lab File: VW006194.D
 Acq: 18 Oct 2018 23:37

Tgt Ion: 117 Resp: 196882
 Ion Ratio Lower Upper
 117 100
 119 98.4 75.2 112.8
 121 31.5 25.3 37.9





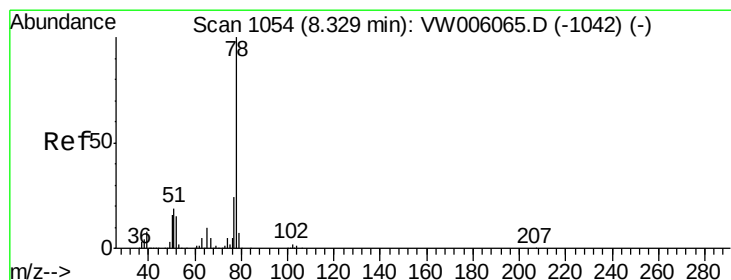
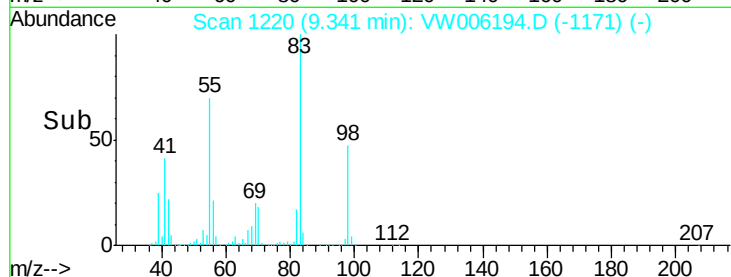
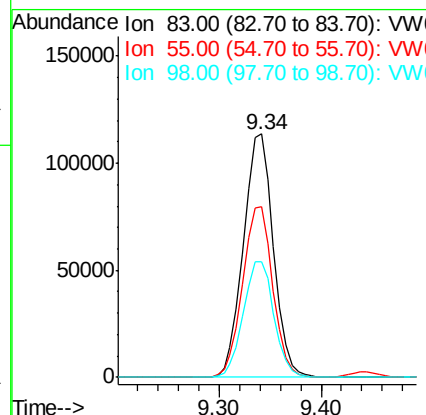
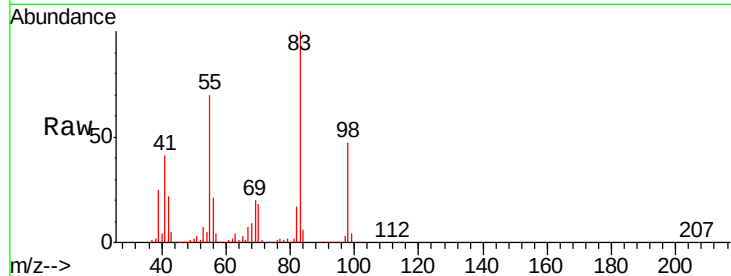
#39
Methylcyclohexane
Concen: 48.35 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW006194.D
Acq: 18 Oct 2018 23:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
83	100		
55	69.9	55.0	82.6
98	47.5	38.6	57.8

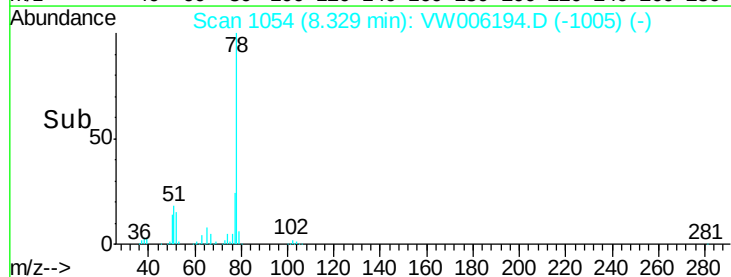
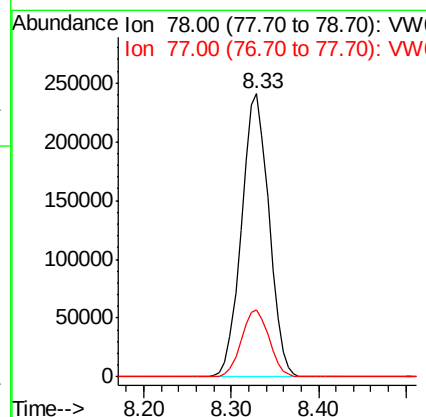
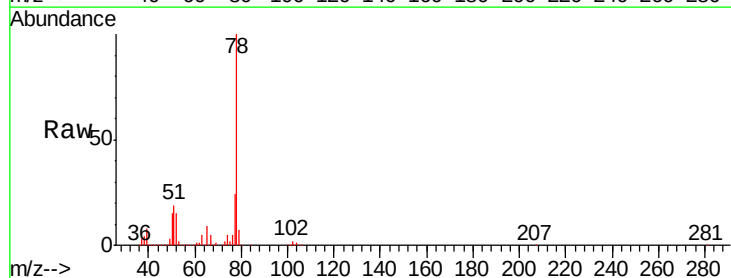
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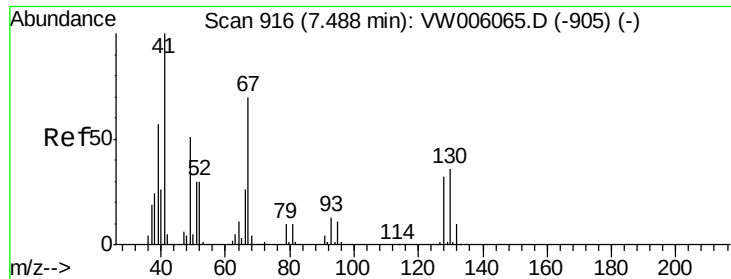
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#40
Benzene
Concen: 53.04 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW006194.D
Acq: 18 Oct 2018 23:37

Tgt Ion	Ratio	Resp Lower	Resp Upper
78	100		
77	23.7	19.4	29.0





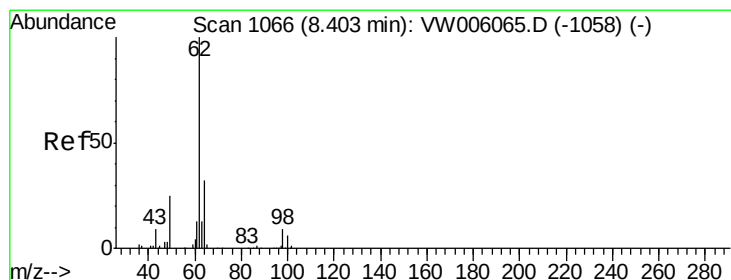
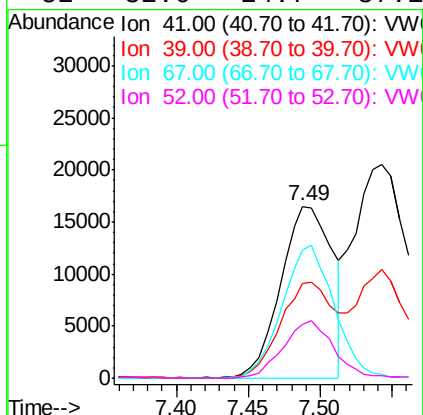
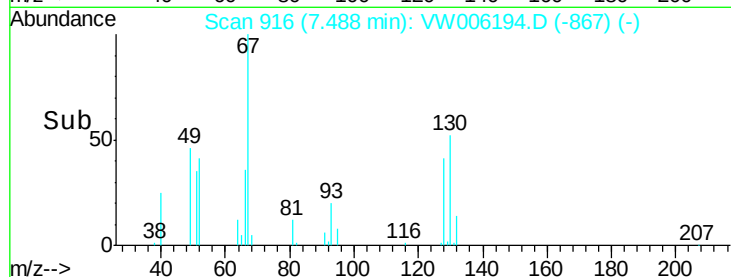
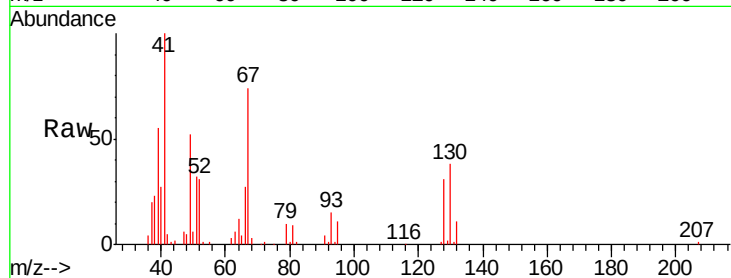
#41
Methacrylonitrile
Concen: 50.97 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW006194.D
Acq: 18 Oct 2018 23:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
41	100		
39	56.3	46.2	69.4
67	77.6	57.7	86.5
52	32.6	24.7	37.1

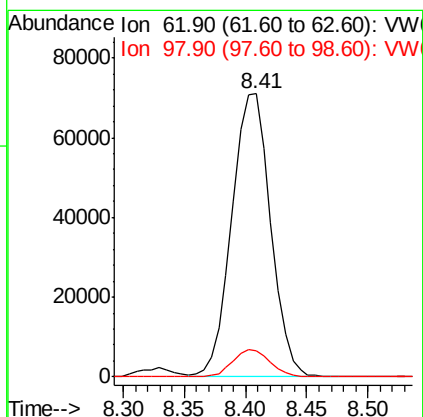
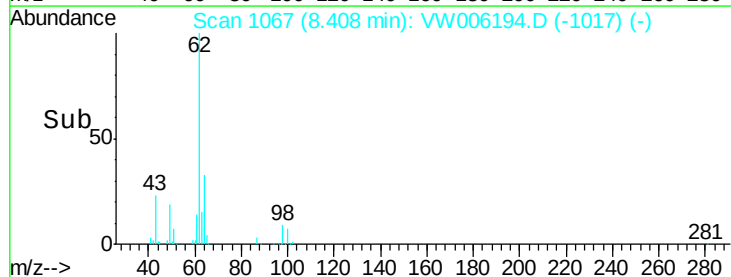
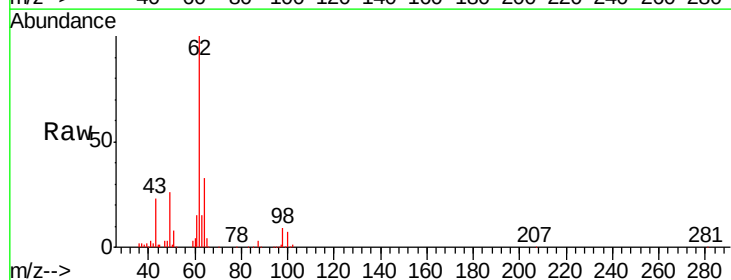
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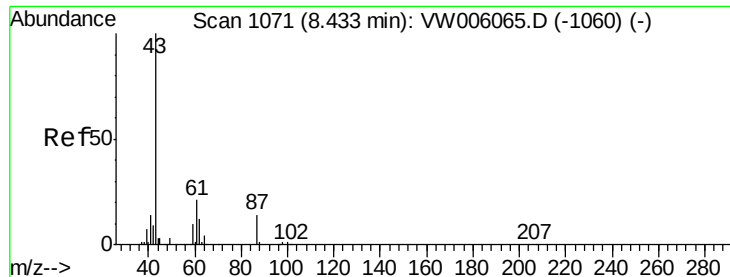
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#42
1,2-Dichloroethane
Concen: 53.55 ug/l
RT: 8.41 min Scan# 1067
Delta R.T. 0.01 min
Lab File: VW006194.D
Acq: 18 Oct 2018 23:37

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.4





#43

Isopropyl Acetate

Concen: 50.81 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. -0.00 min

Lab File: VW006194.D

Acq: 18 Oct 2018 23:37

Instrument :

MSVOA_W

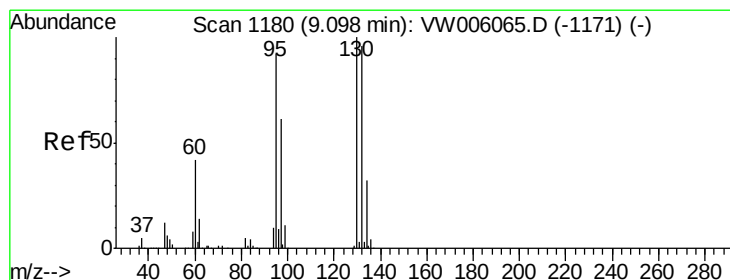
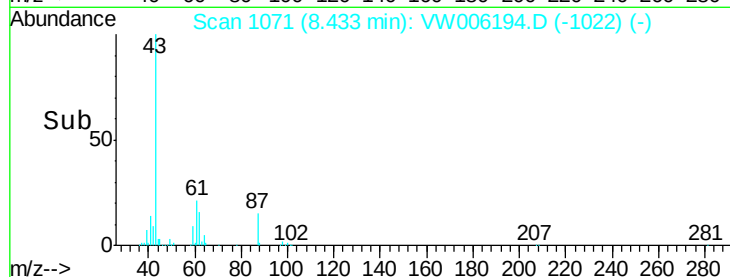
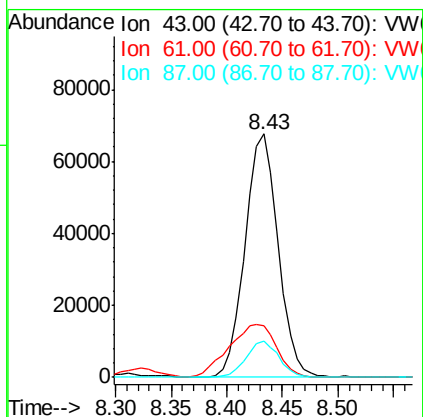
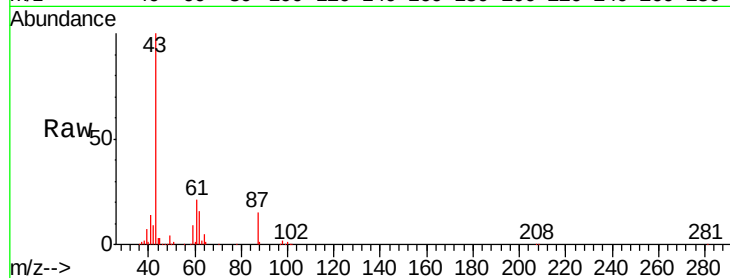
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	43	Resp:	139571
Ion	Ratio	Lower	Upper
43	100		
61	31.2	25.5	38.3
87	14.8	11.7	17.5

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#44

Trichloroethene

Concen: 52.44 ug/l

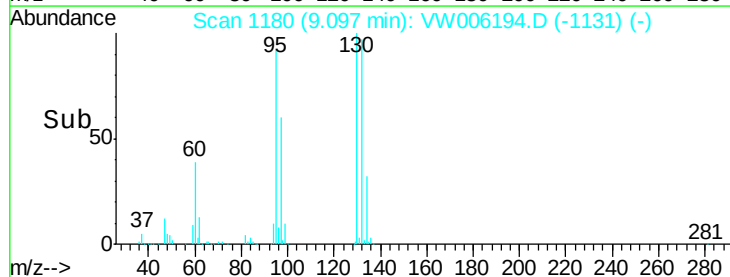
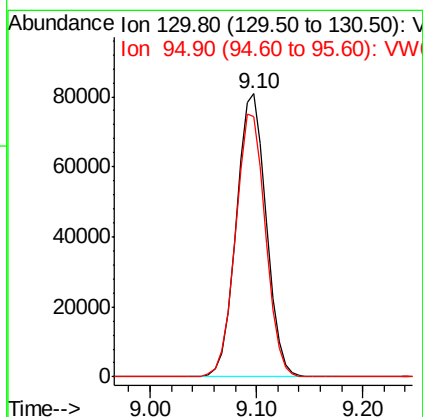
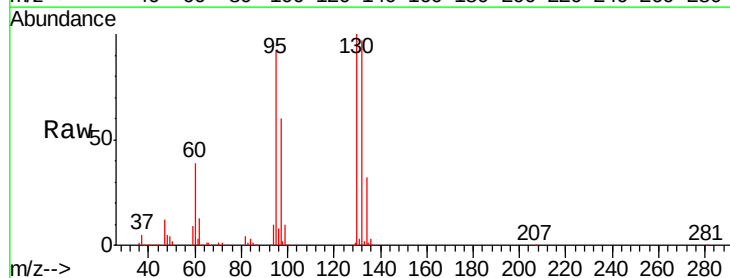
RT: 9.10 min Scan# 1180

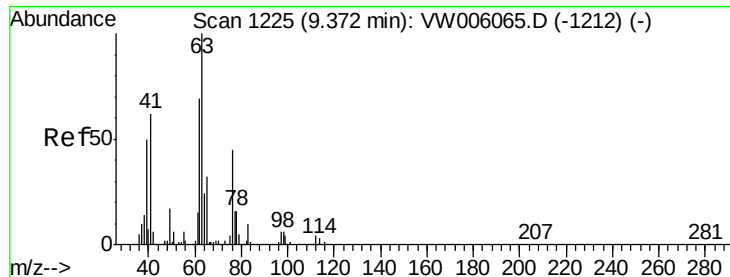
Delta R.T. -0.00 min

Lab File: VW006194.D

Acq: 18 Oct 2018 23:37

Tgt Ion:	130	Resp:	159592
Ion	Ratio	Lower	Upper
130	100		
95	92.0	0.0	183.2





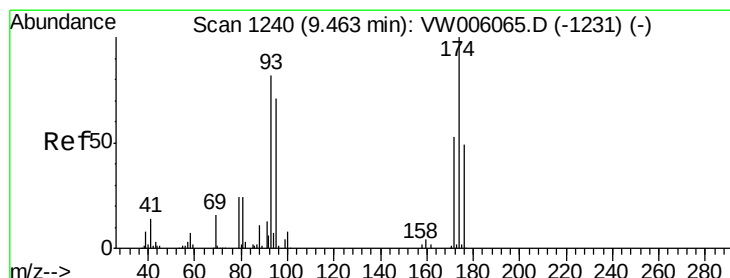
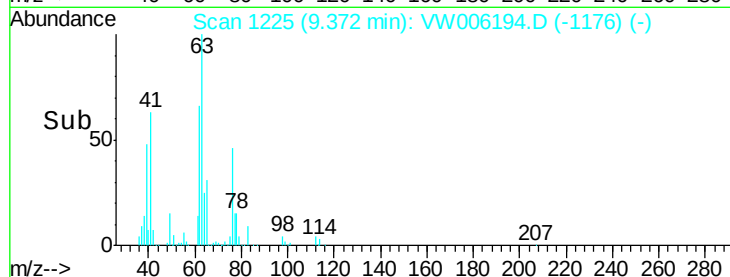
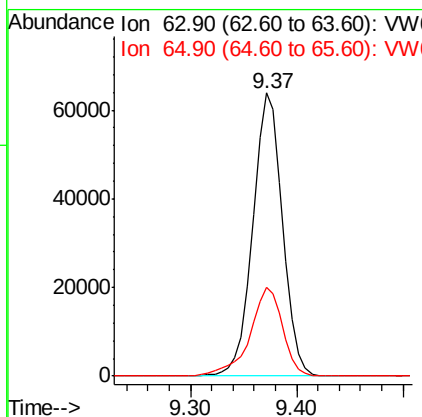
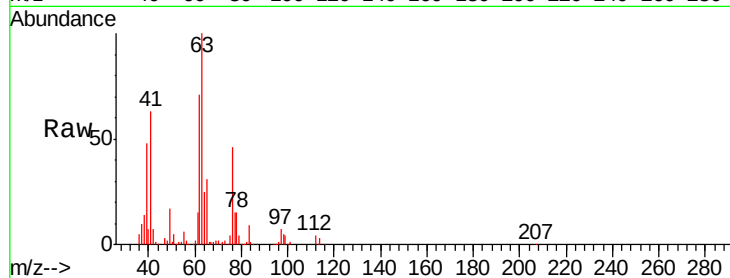
#45
 1,2-Dichloropropane
 Concen: 52.58 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW006194.D
 Acq: 18 Oct 2018 23:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
63	100		
65	31.4	25.4	38.0

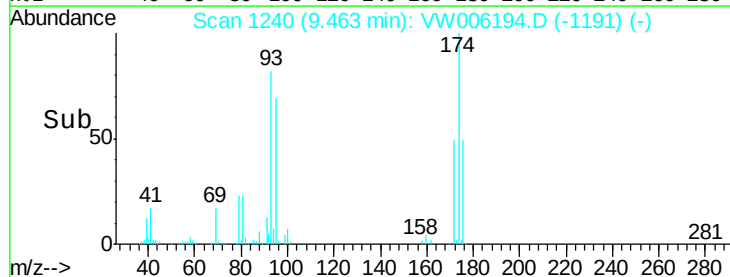
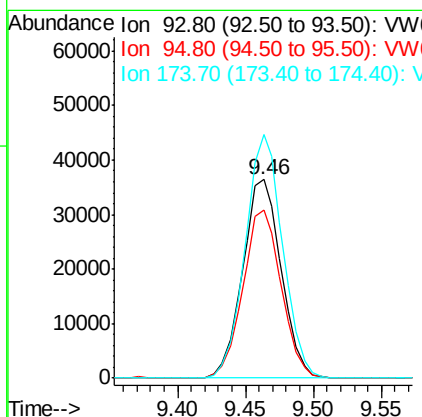
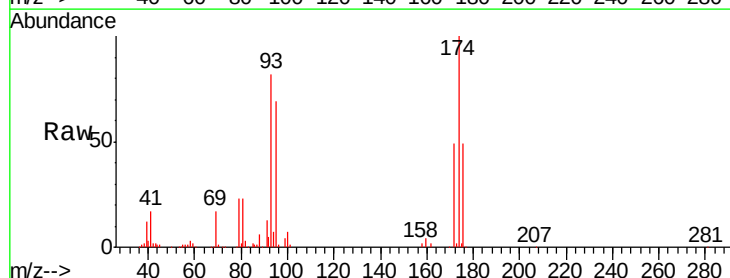
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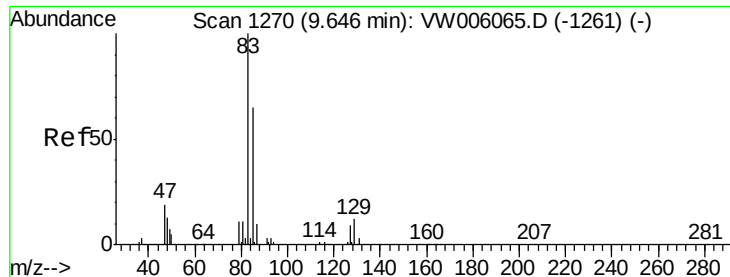
apatel
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#46
 Dibromomethane
 Concen: 53.30 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW006194.D
 Acq: 18 Oct 2018 23:37

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.2	67.7	101.5
174	119.3	93.7	140.5





#47

Bromodichloromethane

Concen: 52.31 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW006194.D

Acq: 18 Oct 2018 23:37

Instrument :

MSVOA_W

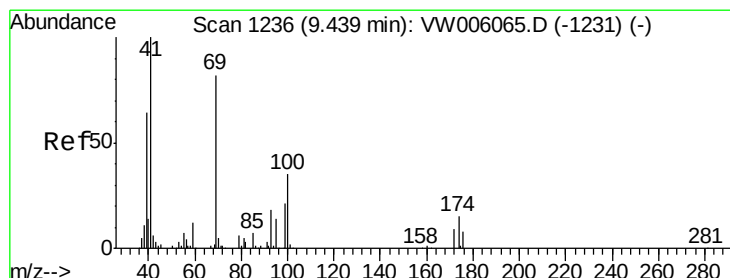
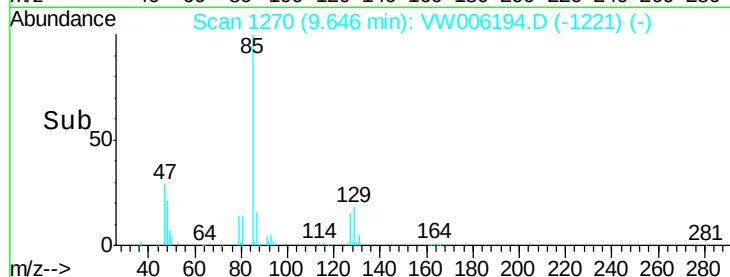
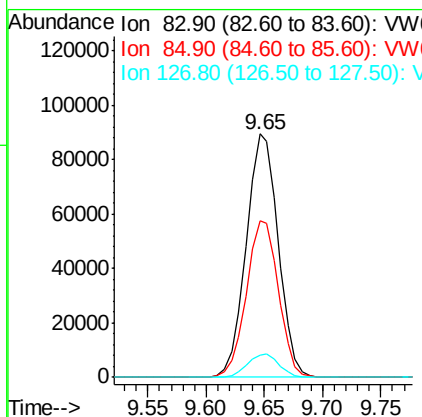
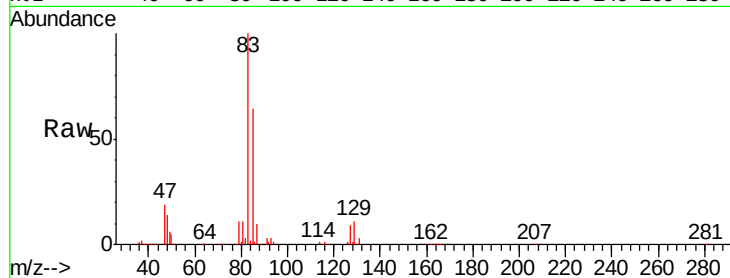
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	83	Resp:	171562
Ion Ratio	Lower	Upper	
83	100		
85	64.5	51.8	77.8
127	9.4	6.9	10.3

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#48

Methyl methacrylate

Concen: 52.05 ug/l

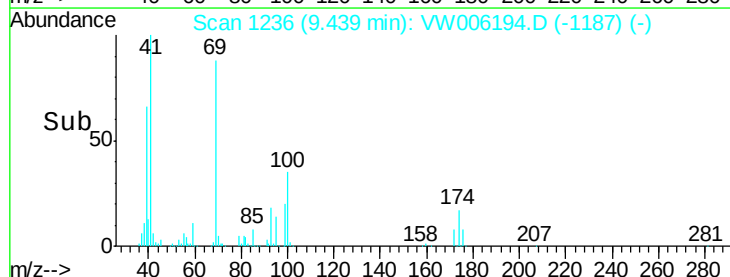
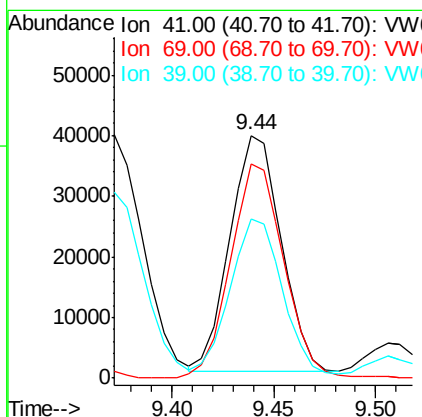
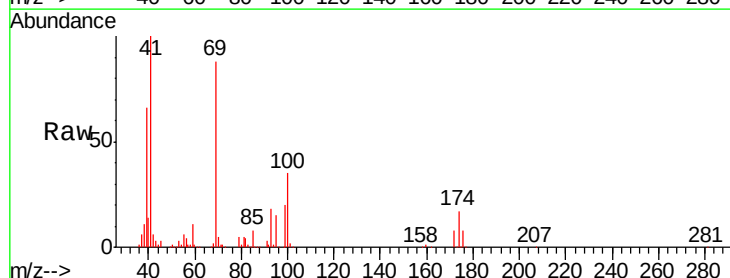
RT: 9.44 min Scan# 1236

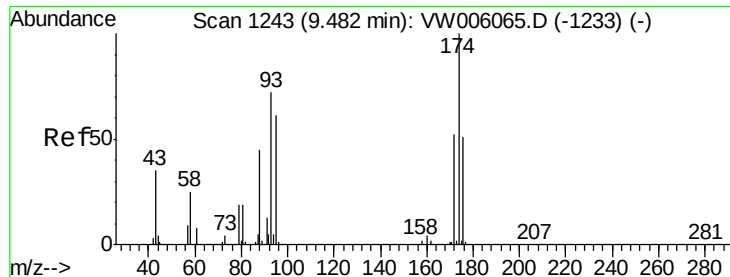
Delta R.T. -0.00 min

Lab File: VW006194.D

Acq: 18 Oct 2018 23:37

Tgt Ion:	41	Resp:	67780
Ion Ratio	Lower	Upper	
41	100		
69	95.1	71.8	107.8
39	70.3	52.5	78.7





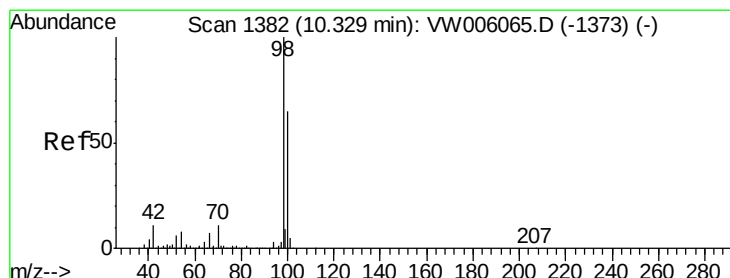
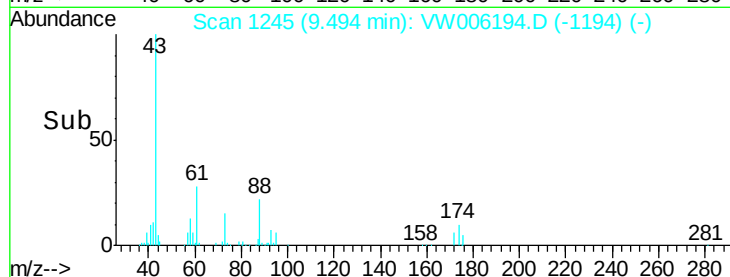
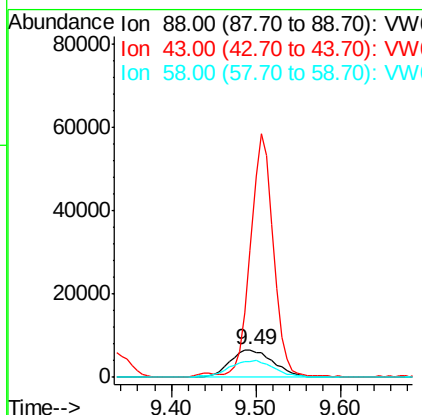
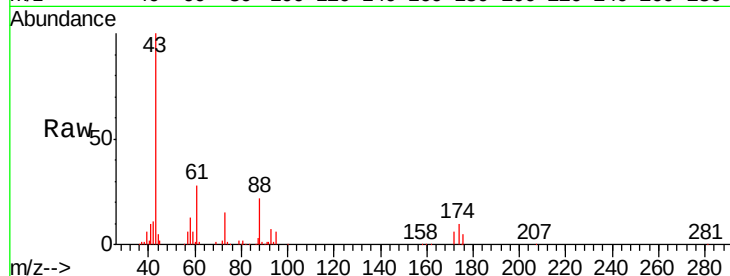
#49
1,4-Dioxane
Concen: 1116.71 ug/l
RT: 9.49 min Scan# 1245
Delta R.T. 0.01 min
Lab File: VW006194.D
Acq: 18 Oct 2018 23:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
88	100		
43	457.0	0.0	0.0#
58	64.0	51.2	76.8

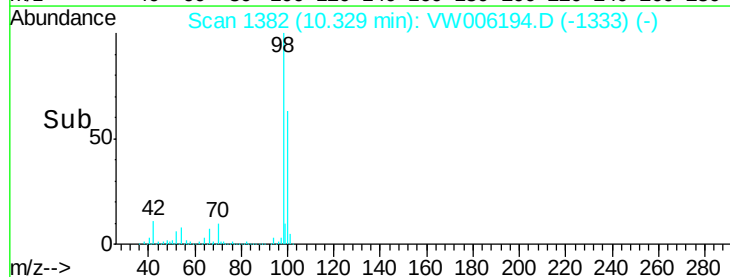
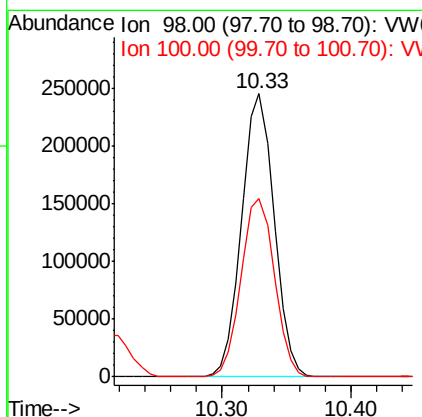
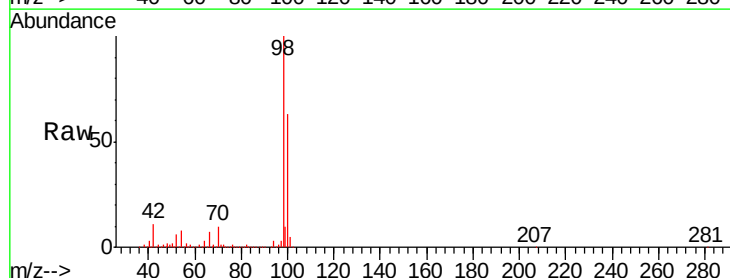
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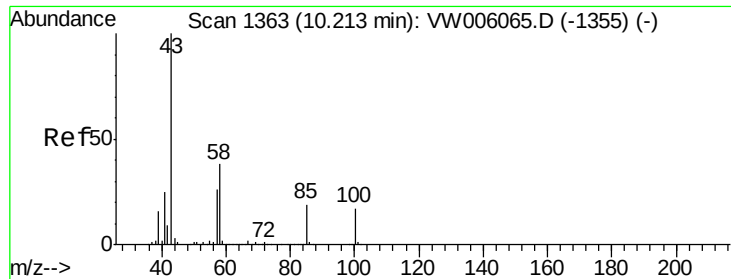
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#50
Toluene-d8
Concen: 48.68 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006194.D
Acq: 18 Oct 2018 23:37

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.6	77.4





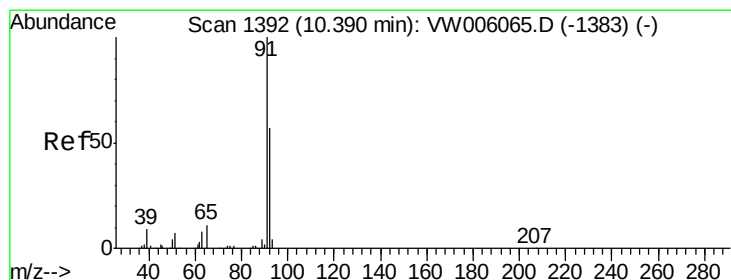
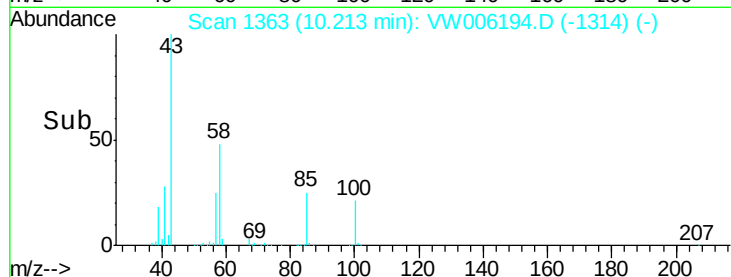
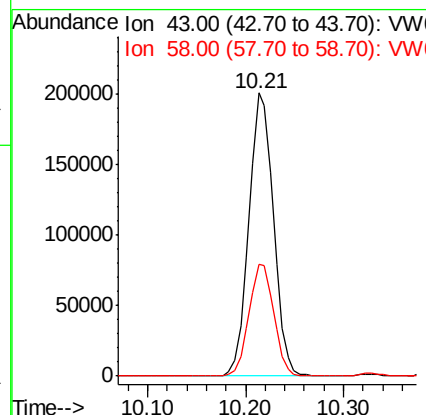
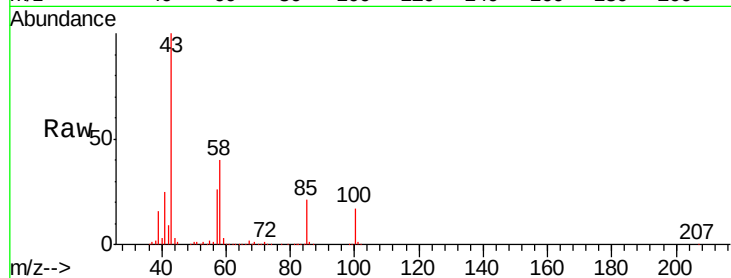
#51
 4-Methyl-2-Pentanone
 Concen: 255.12 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW006194.D
 Acq: 18 Oct 2018 23:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 351154
 Ion Ratio Lower Upper
 43 100
 58 39.9 31.5 47.3

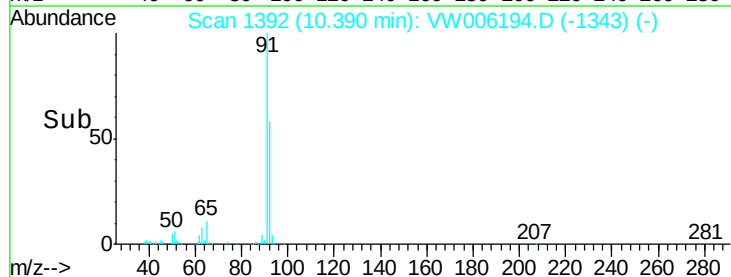
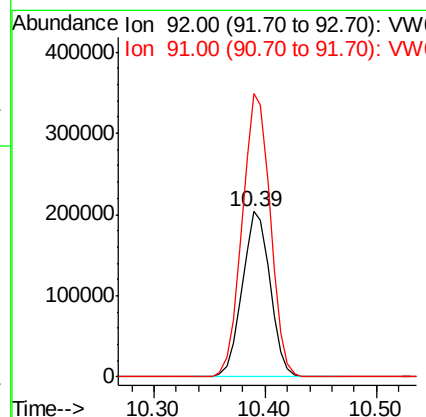
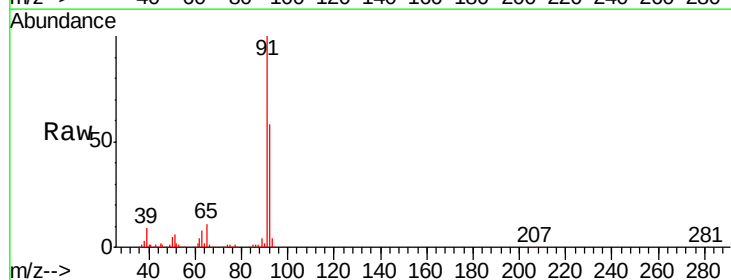
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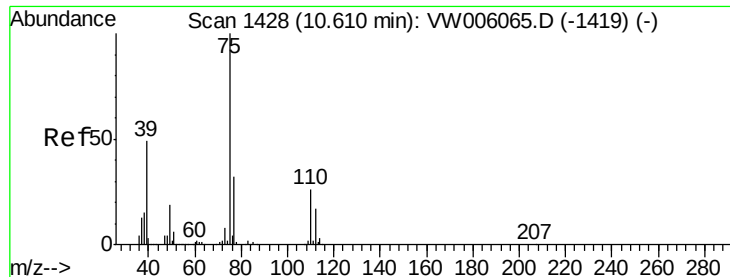
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#52
 Toluene
 Concen: 52.84 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW006194.D
 Acq: 18 Oct 2018 23:37

Tgt Ion: 92 Resp: 351435
 Ion Ratio Lower Upper
 92 100
 91 173.5 140.0 210.0





#53

t-1,3-Dichloropropene

Concen: 51.21 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW006194.D

Acq: 18 Oct 2018 23:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 167367

Ion Ratio Lower Upper

75 100

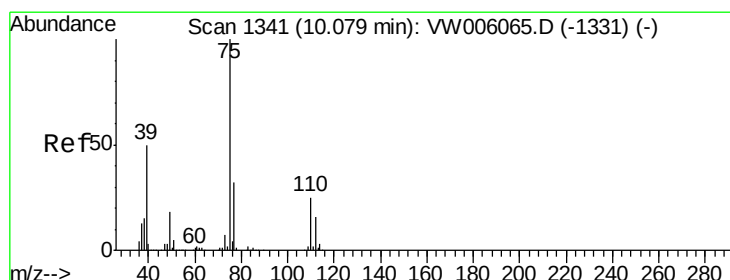
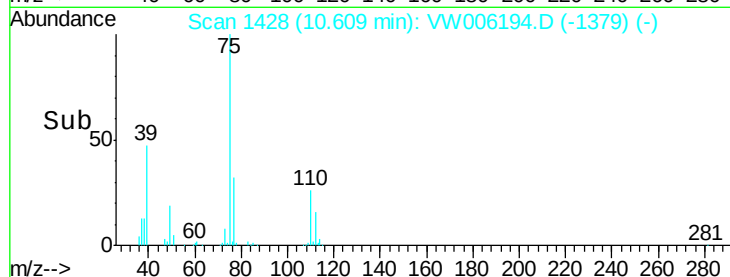
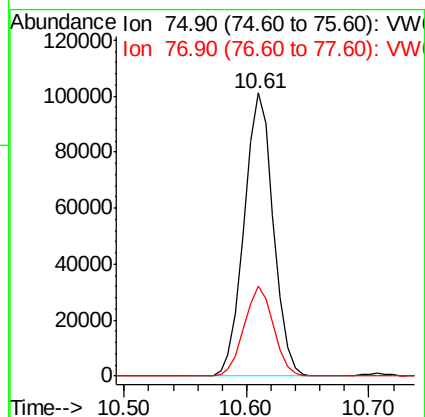
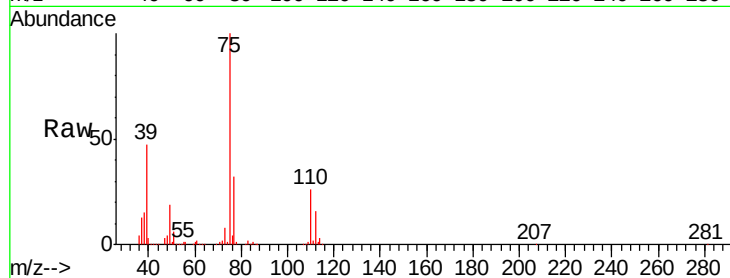
77 32.0 25.4 38.2

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#54

cis-1,3-Dichloropropene

Concen: 51.78 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VW006194.D

Acq: 18 Oct 2018 23:37

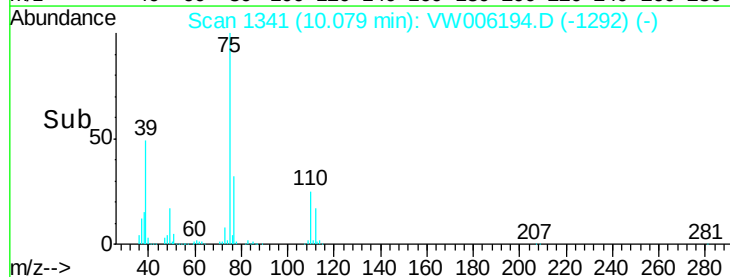
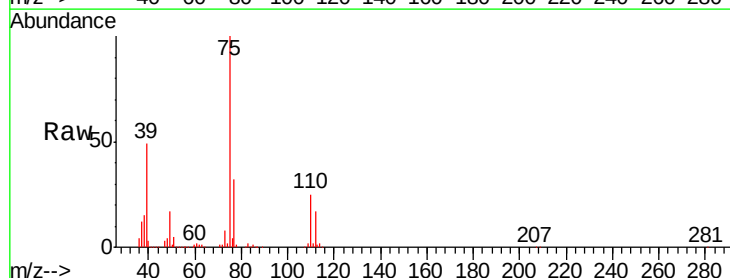
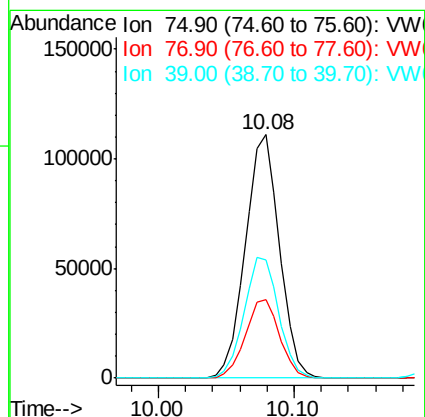
Tgt Ion: 75 Resp: 194212

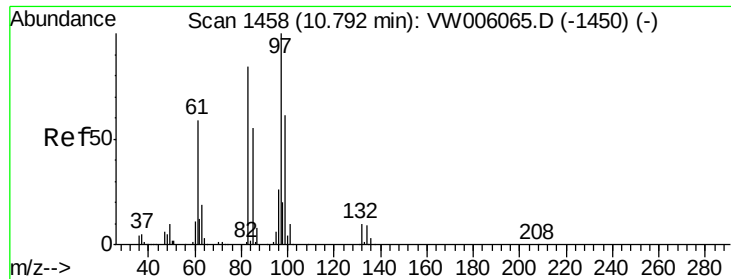
Ion Ratio Lower Upper

75 100

77 32.0 25.2 37.8

39 48.7 39.9 59.9





#55

1,1,2-Trichloroethane

Concen: 54.01 ug/l

RT: 10.79 min Scan# 1458

Delta R.T. -0.00 min

Lab File: VW006194.D

Acq: 18 Oct 2018 23:37

Instrument :

MSVOA_W

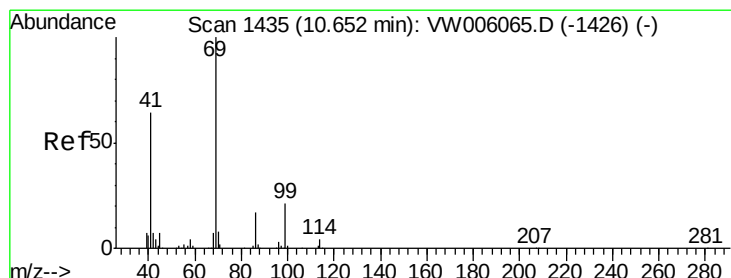
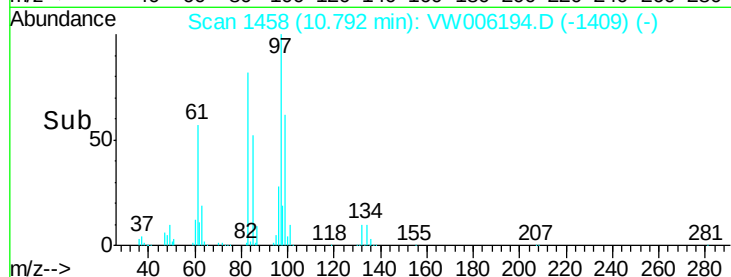
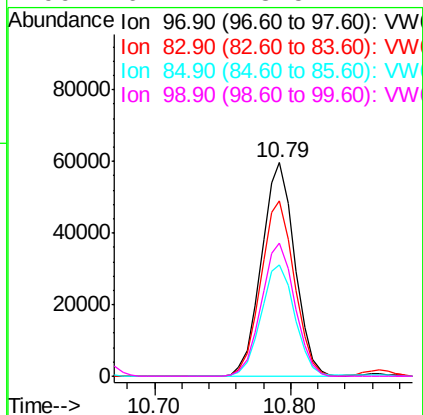
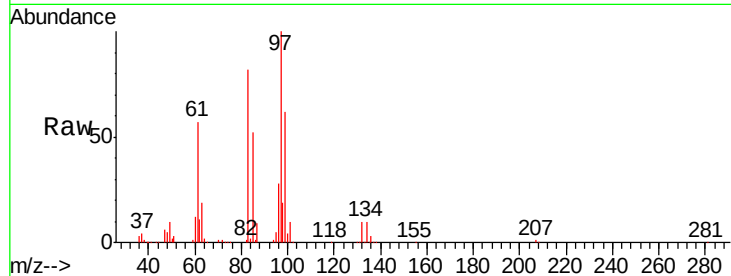
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	97	Resp:	102244
Ion	Ratio	Lower	Upper
97	100		
83	82.3	67.2	100.8
85	51.9	43.7	65.5
99	62.2	48.5	72.7

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#56

Ethyl methacrylate

Concen: 52.88 ug/l

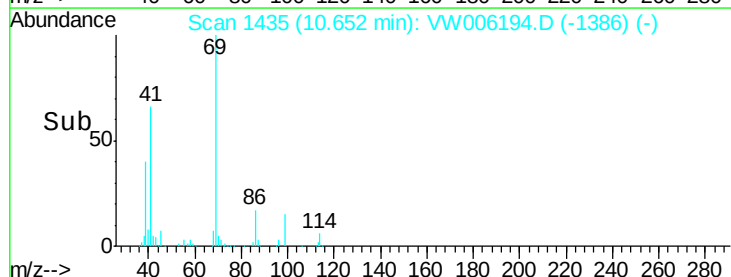
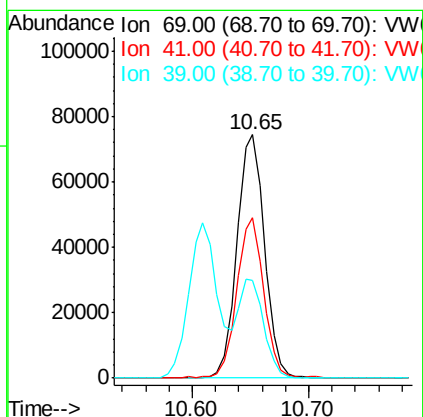
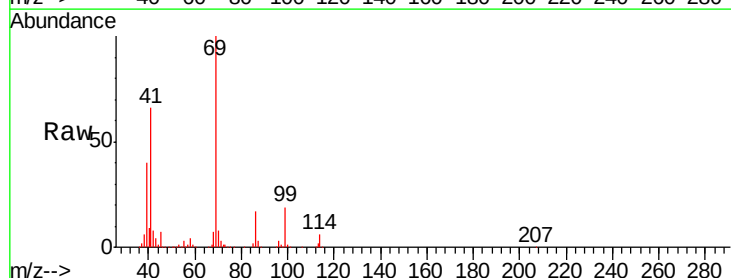
RT: 10.65 min Scan# 1435

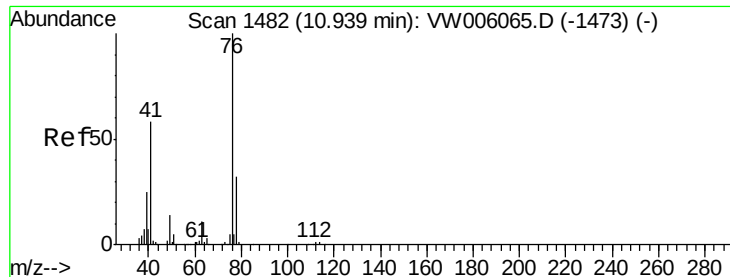
Delta R.T. -0.00 min

Lab File: VW006194.D

Acq: 18 Oct 2018 23:37

Tgt Ion:	69	Resp:	122734
Ion	Ratio	Lower	Upper
69	100		
41	64.9	52.8	79.2
39	36.6	30.6	45.8





#57

1,3-Dichloropropane

Concen: 53.43 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VW006194.D

Acq: 18 Oct 2018 23:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 167455

Ion Ratio Lower Upper

76 100

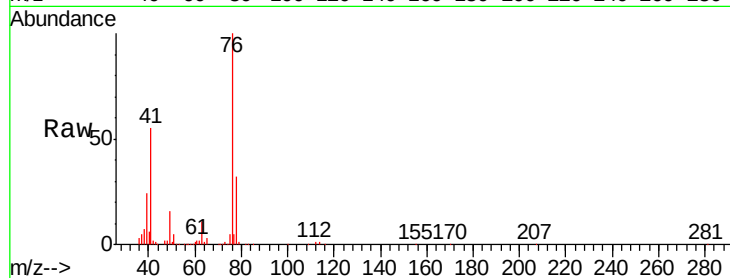
78 32.7 25.9 38.9

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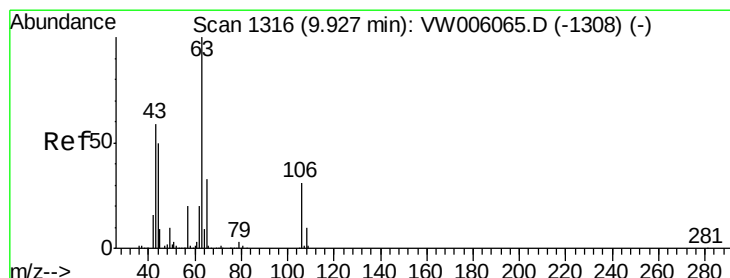
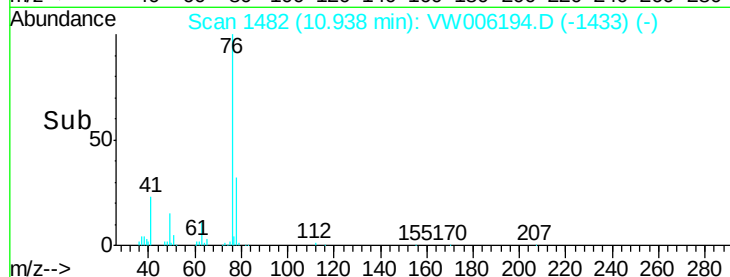
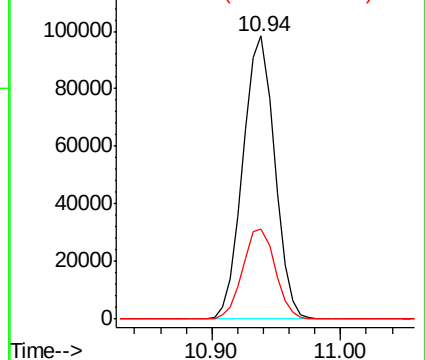
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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#58

2-Chloroethyl Vinyl ether

Concen: 242.87 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VW006194.D

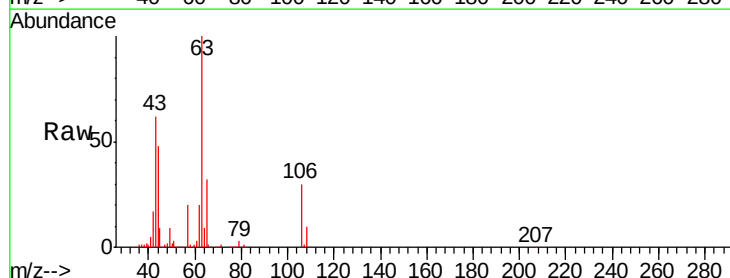
Acq: 18 Oct 2018 23:37

Tgt Ion: 63 Resp: 215391

Ion Ratio Lower Upper

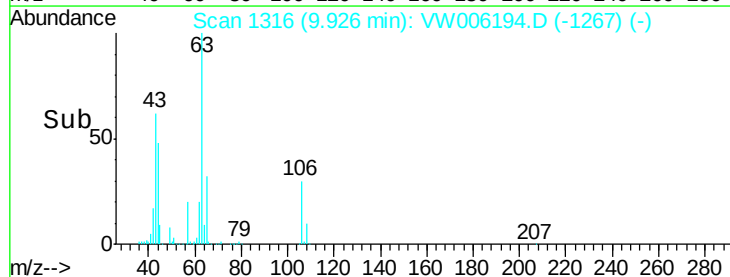
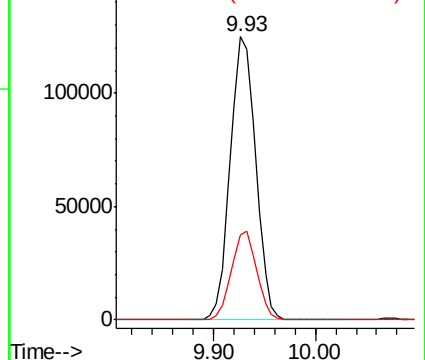
63 100

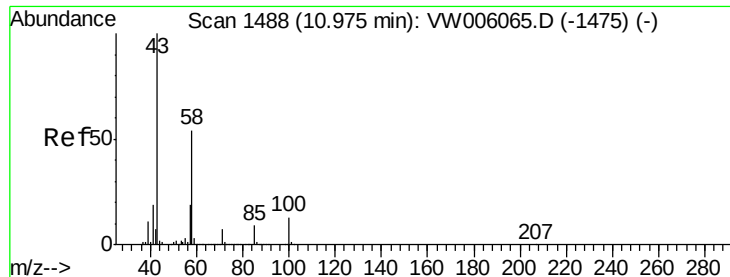
106 31.0 24.5 36.7



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V





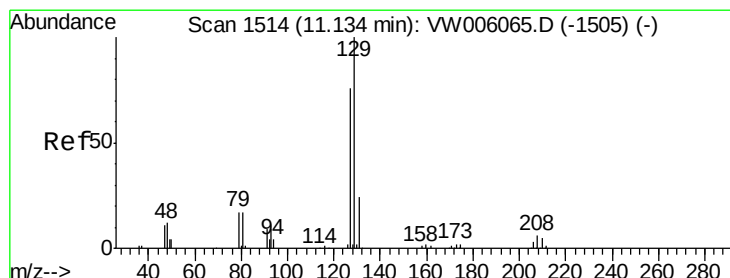
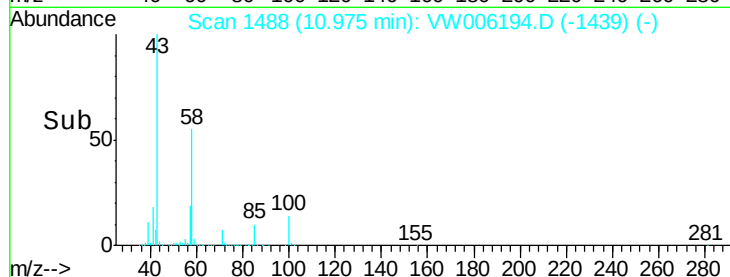
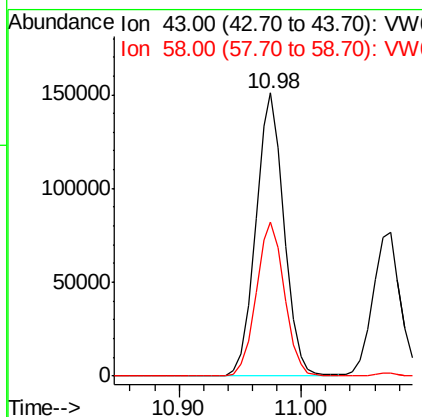
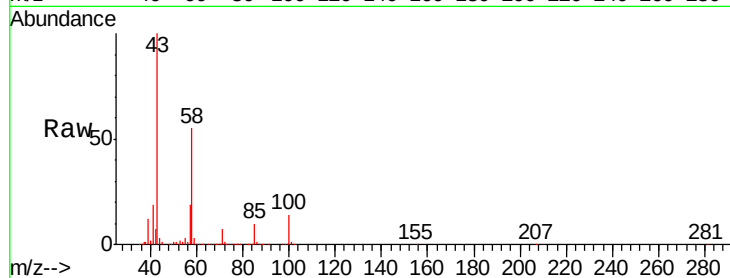
#59
2-Hexanone
Concen: 245.79 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW006194.D
Acq: 18 Oct 2018 23:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 241490
Ion Ratio Lower Upper
43 100
58 54.8 26.9 80.6

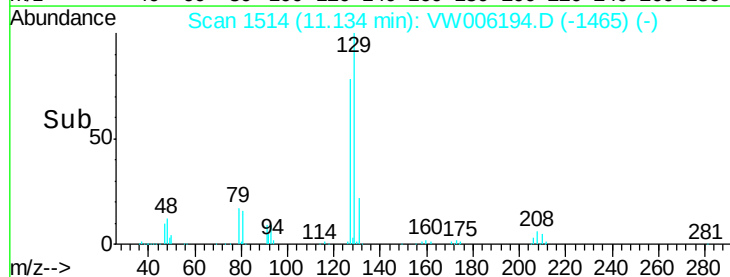
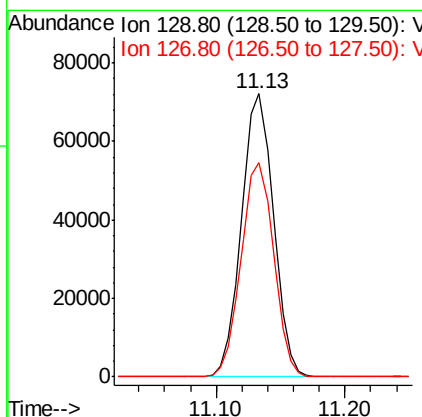
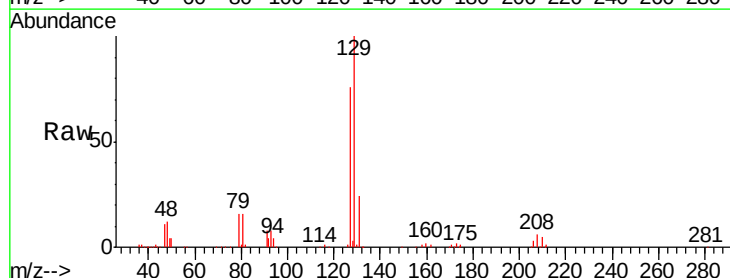
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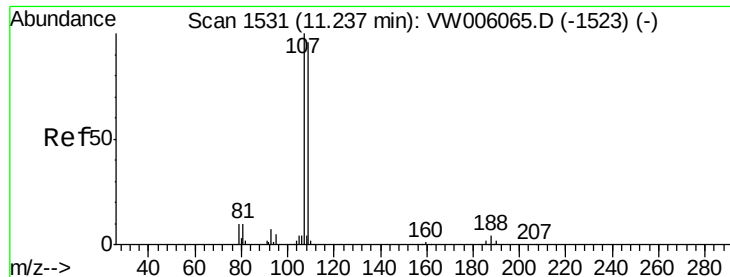
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#60
Dibromochloromethane
Concen: 52.69 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW006194.D
Acq: 18 Oct 2018 23:37

Tgt Ion: 129 Resp: 124262
Ion Ratio Lower Upper
129 100
127 76.9 38.6 115.7





#61

1,2-Dibromoethane

Concen: 53.75 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW006194.D

Acq: 18 Oct 2018 23:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 107 Resp: 101681

Ion Ratio Lower Upper

107 100

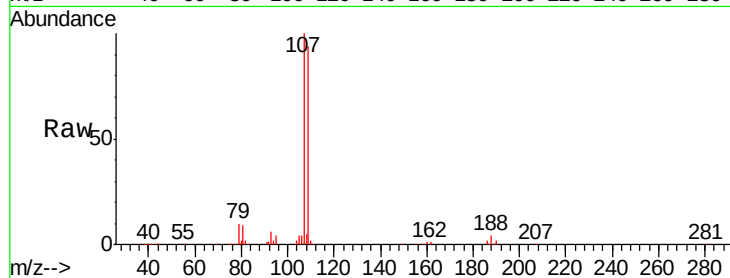
109 95.5 76.3 114.5

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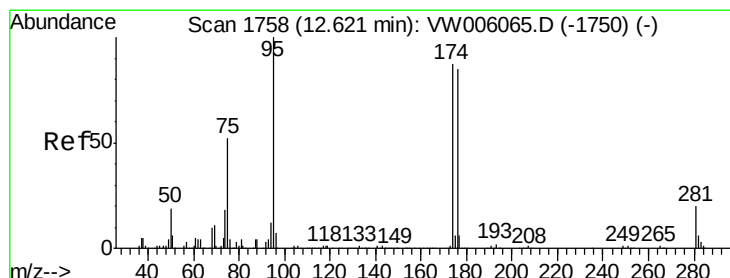
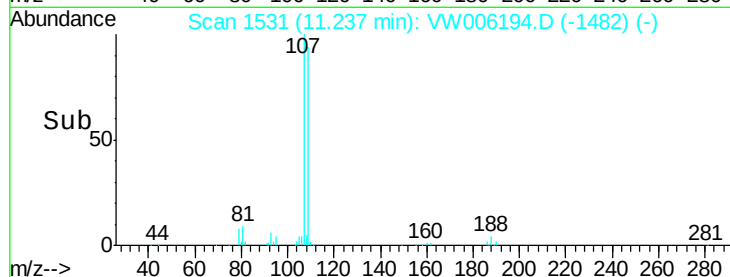
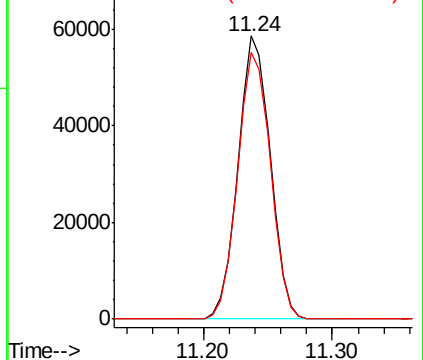
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.87 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006194.D

Acq: 18 Oct 2018 23:37

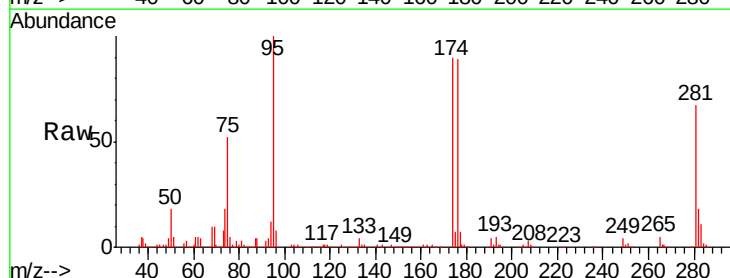
Tgt Ion: 95 Resp: 165197

Ion Ratio Lower Upper

95 100

174 93.6 0.0 186.0

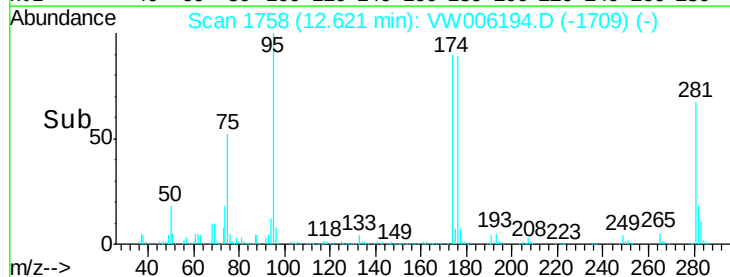
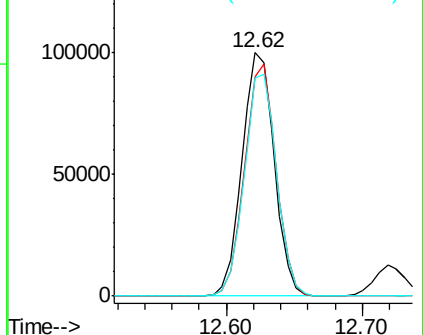
176 91.6 0.0 181.6

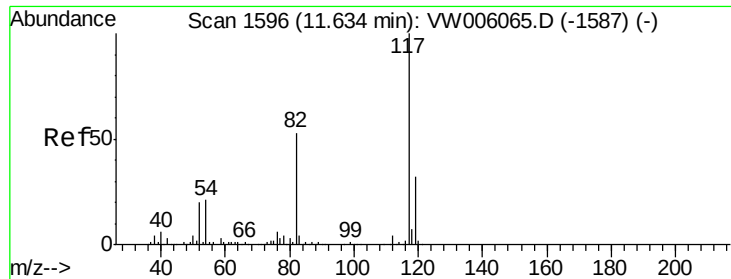


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





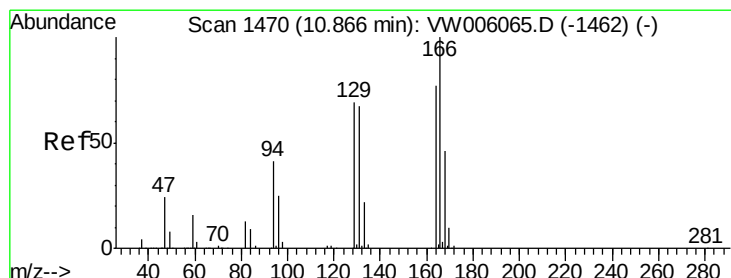
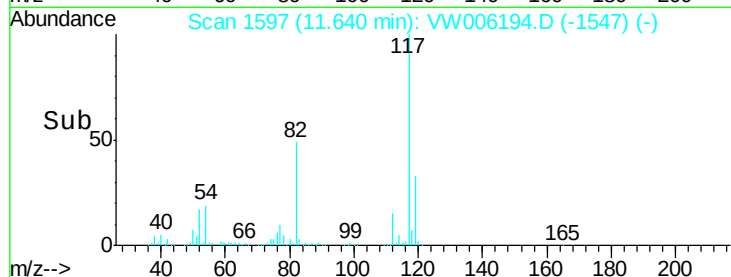
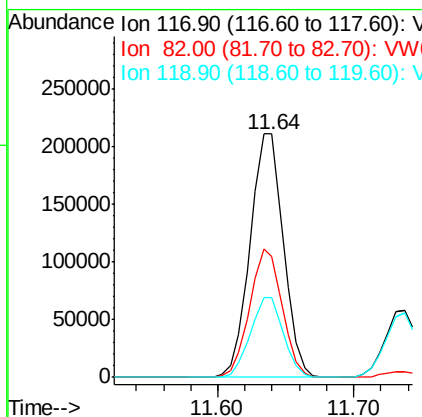
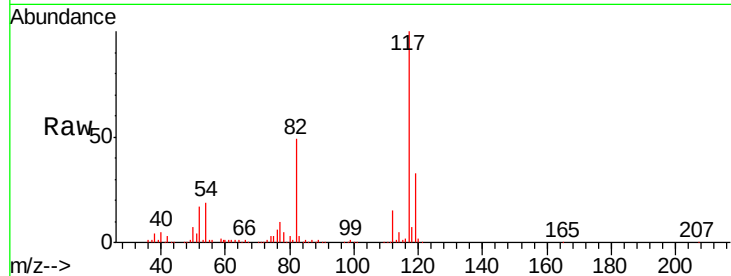
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.01 min
Lab File: VW006194.D
Acq: 18 Oct 2018 23:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	49.4	42.1	63.1
119	32.6	25.8	38.6

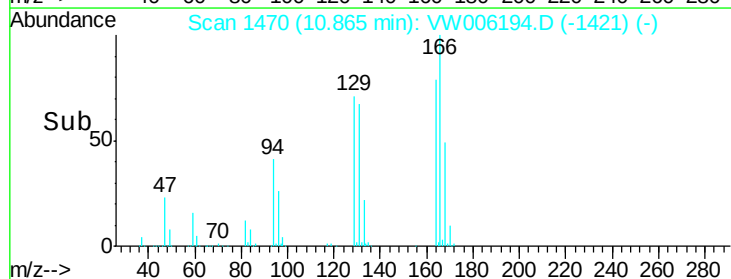
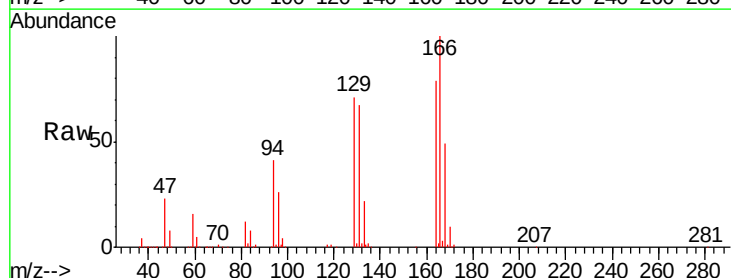
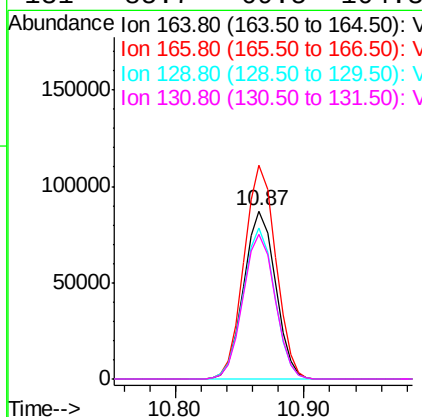
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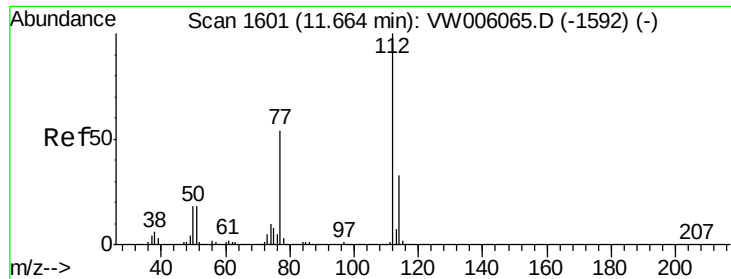
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#64
Tetrachloroethene
Concen: 52.55 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW006194.D
Acq: 18 Oct 2018 23:37

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	127.1	103.4	155.0
129	89.6	71.8	107.8
131	85.7	69.5	104.3





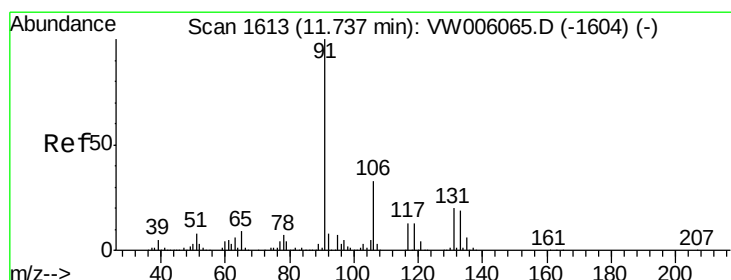
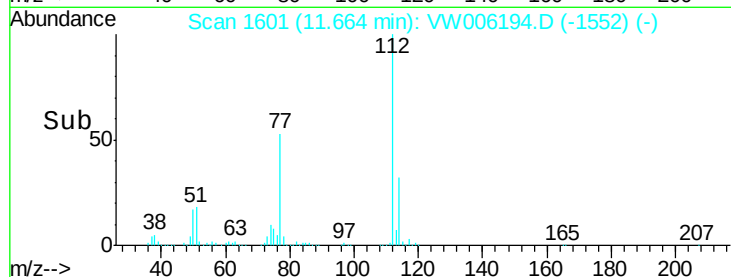
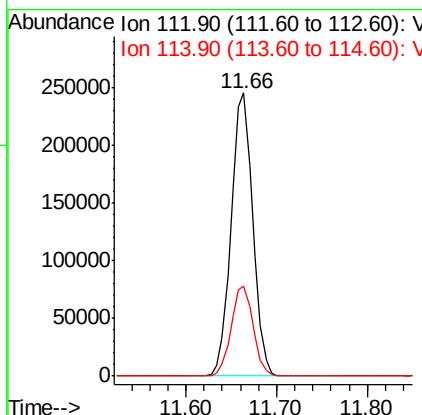
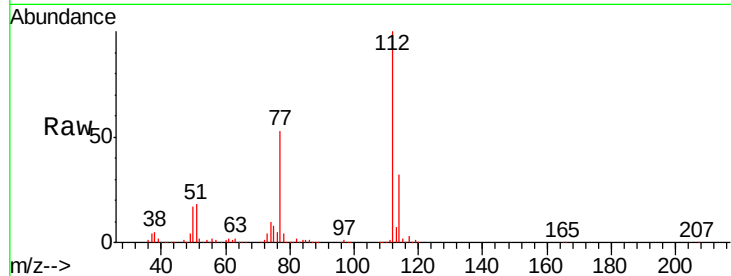
#65
Chlorobenzene
Concen: 52.70 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW006194.D
Acq: 18 Oct 2018 23:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 410357
Ion Ratio Lower Upper
112 100
114 32.1 26.2 39.2

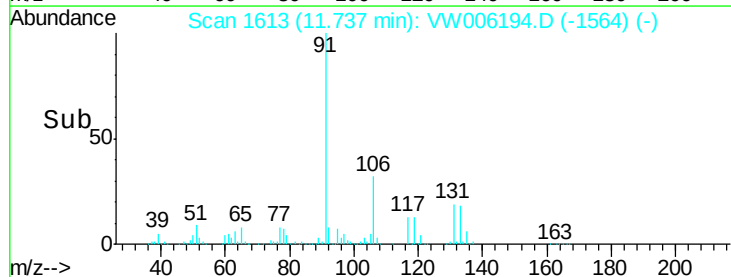
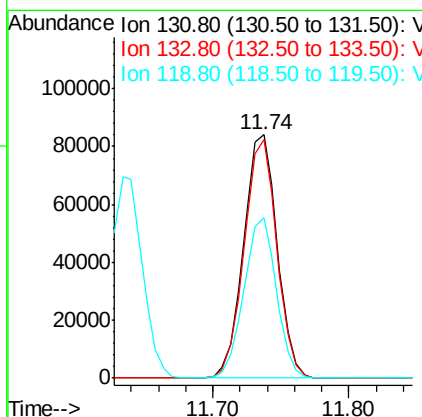
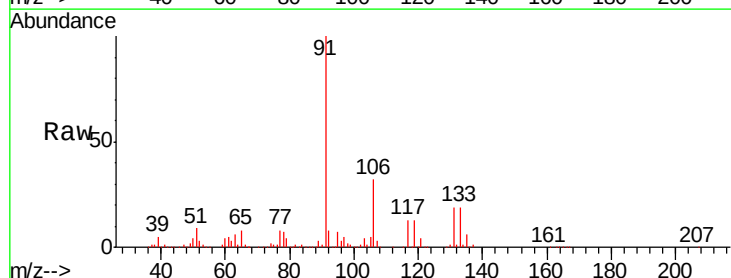
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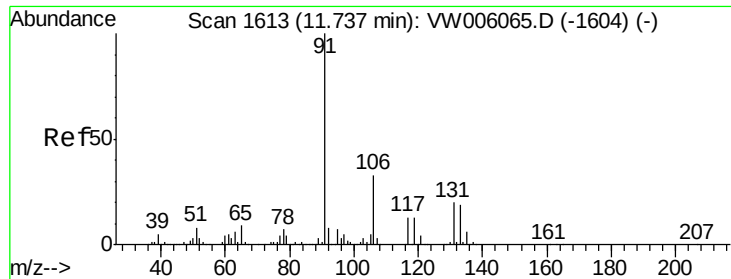
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.44 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW006194.D
Acq: 18 Oct 2018 23:37

Tgt Ion:131 Resp: 145113
Ion Ratio Lower Upper
131 100
133 95.5 48.1 144.3
119 64.1 31.6 94.7





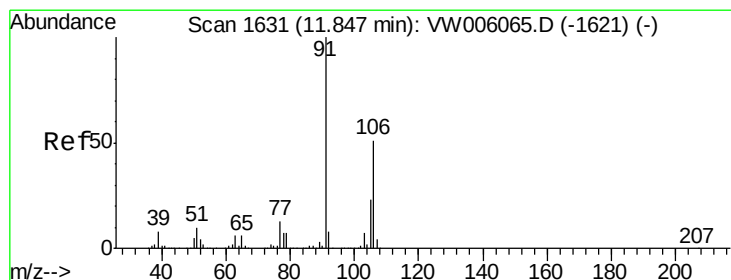
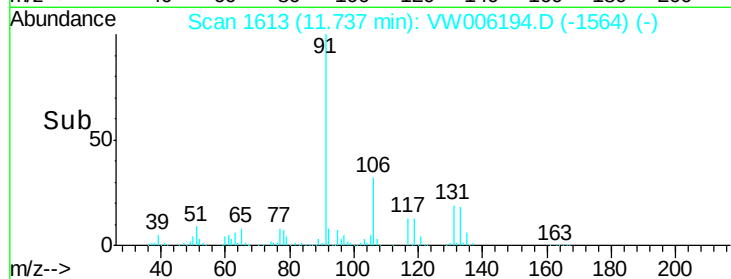
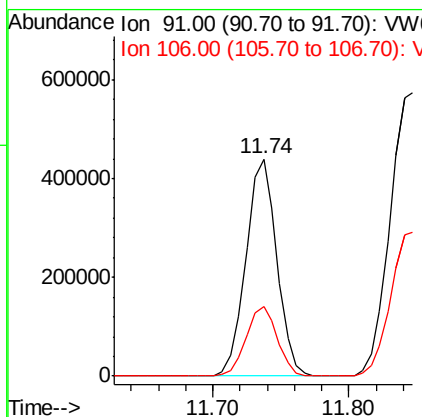
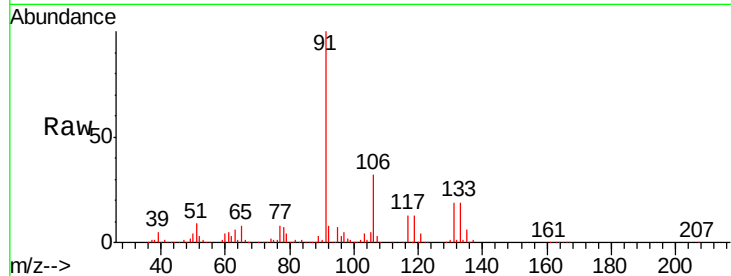
#67
Ethyl Benzene
Concen: 51.81 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW006194.D
Acq: 18 Oct 2018 23:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 699158
Ion Ratio Lower Upper
91 100
106 31.9 26.1 39.1

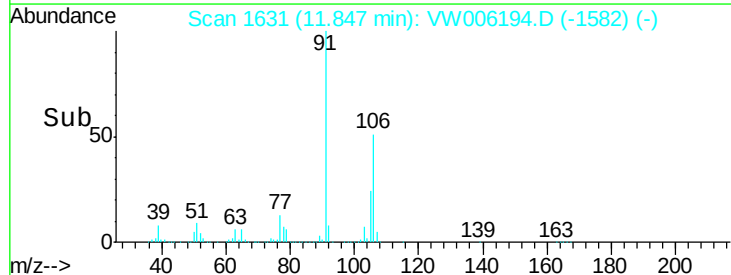
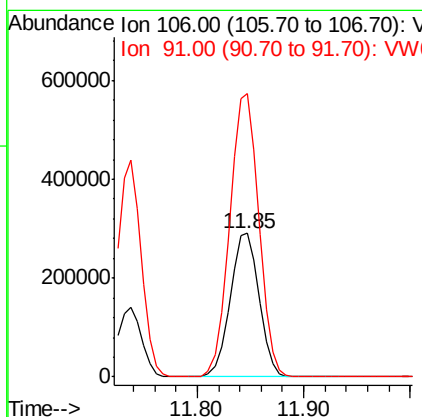
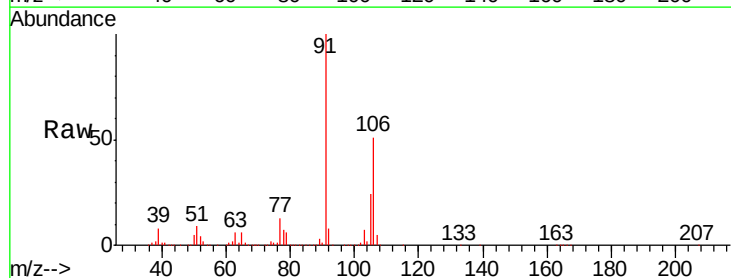
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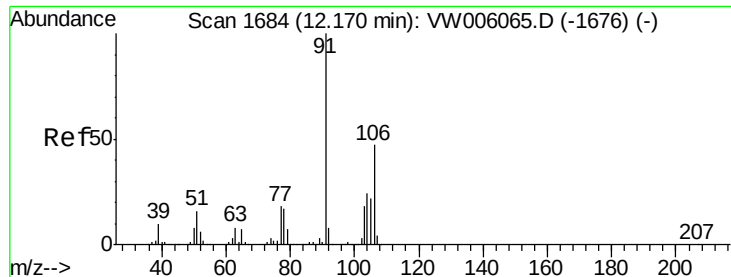
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#68
m/p-Xylenes
Concen: 103.56 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW006194.D
Acq: 18 Oct 2018 23:37

Tgt Ion: 106 Resp: 552396
Ion Ratio Lower Upper
106 100
91 198.2 159.1 238.7





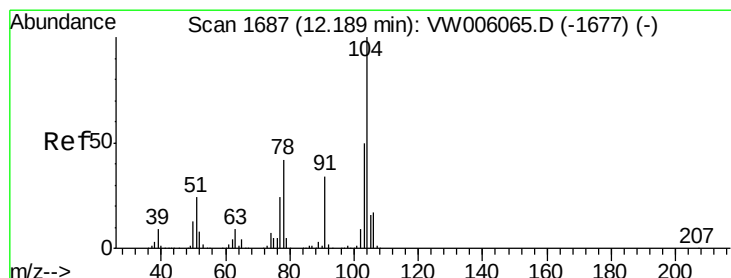
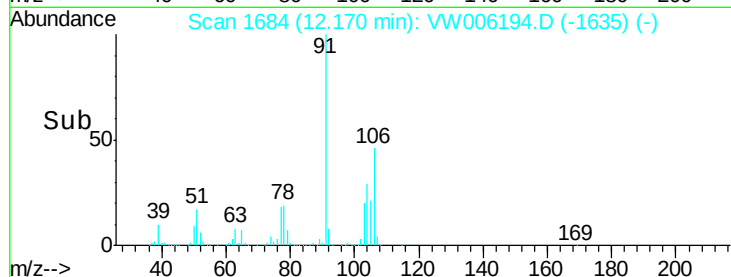
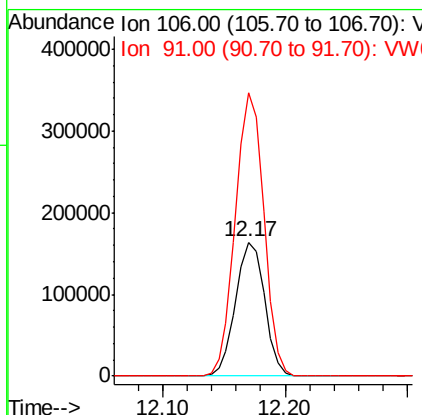
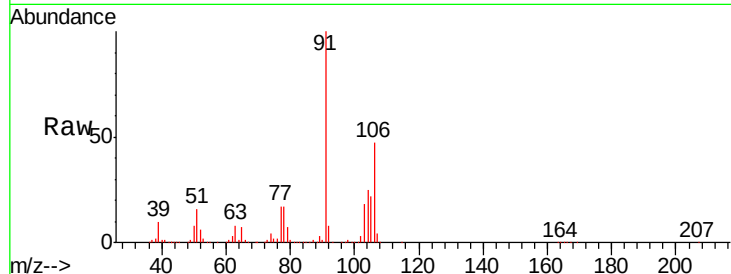
#69
o-Xylene
Concen: 52.88 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006194.D
Acq: 18 Oct 2018 23:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 268798
Ion Ratio Lower Upper
106 100
91 208.6 105.4 316.1

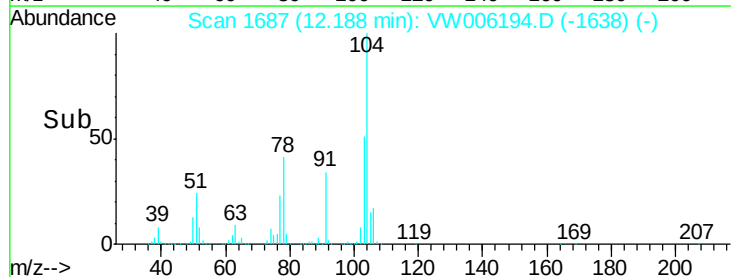
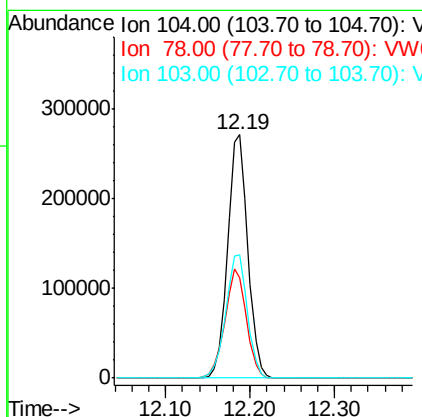
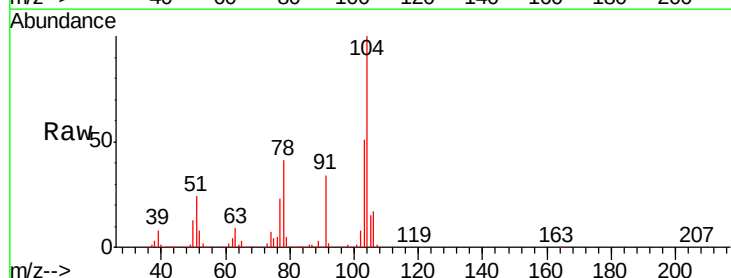
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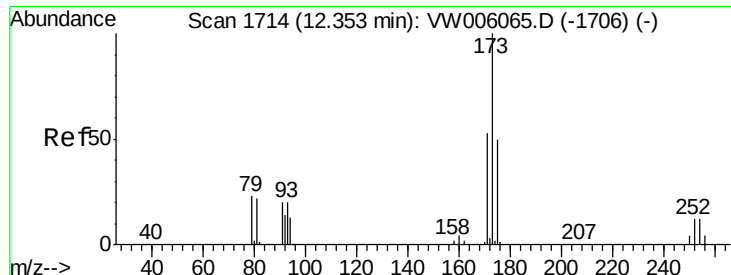
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#70
Styrene
Concen: 53.50 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW006194.D
Acq: 18 Oct 2018 23:37

Tgt Ion:104 Resp: 442290
Ion Ratio Lower Upper
104 100
78 48.1 39.1 58.7
103 55.0 44.3 66.5





#71

Bromoform

Concen: 48.97 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW006194.D

Acq: 18 Oct 2018 23:37

Instrument :

MSVOA_W

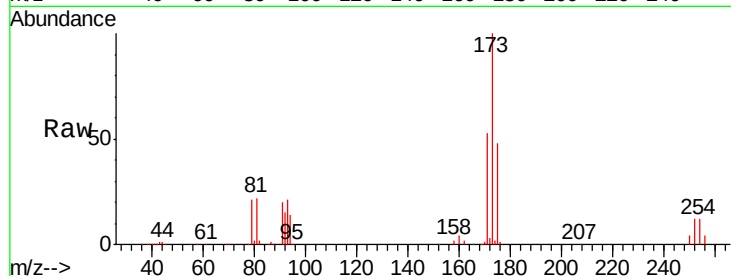
ClientSampleId :

VSTDCCC050EC

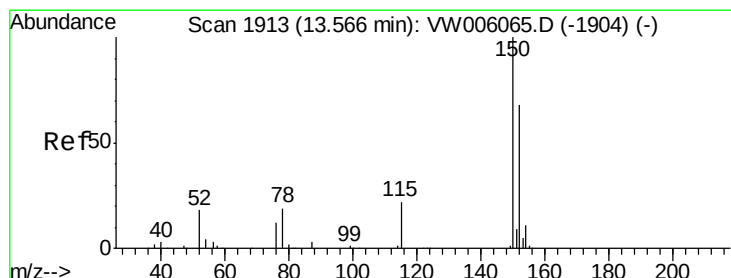
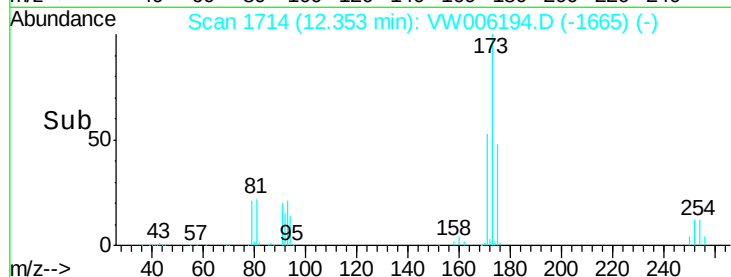
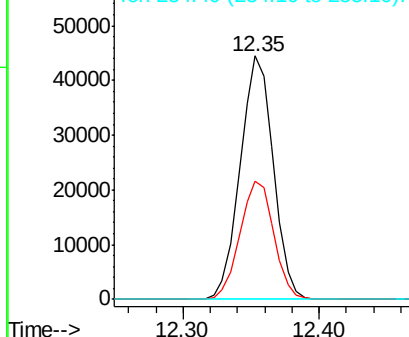
Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.4	24.2	72.6
254	0.0	0.1	0.1#

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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

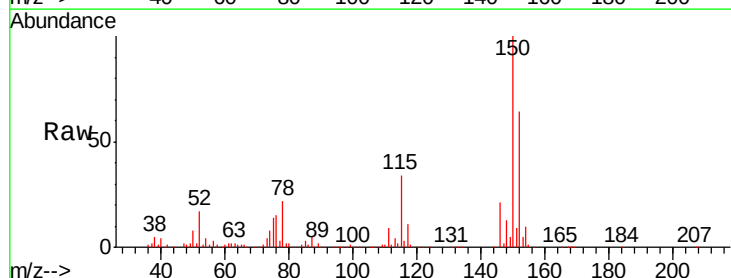
RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

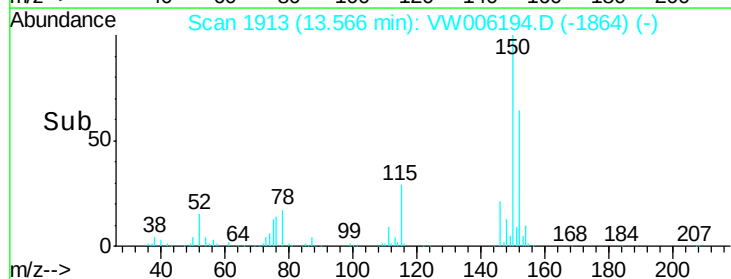
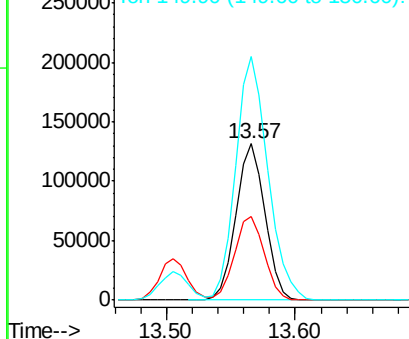
Lab File: VW006194.D

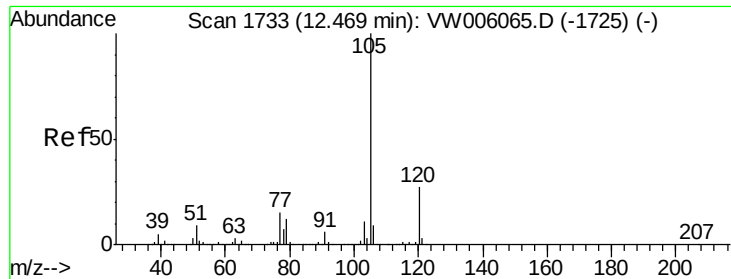
Acq: 18 Oct 2018 23:37

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.3	27.8	83.3
150	173.1	0.0	349.2



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





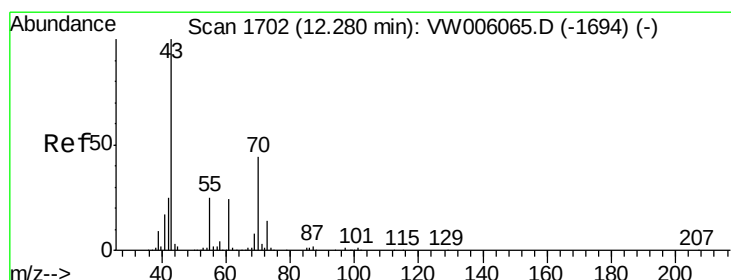
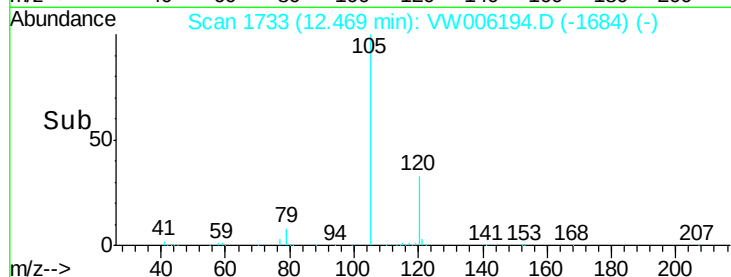
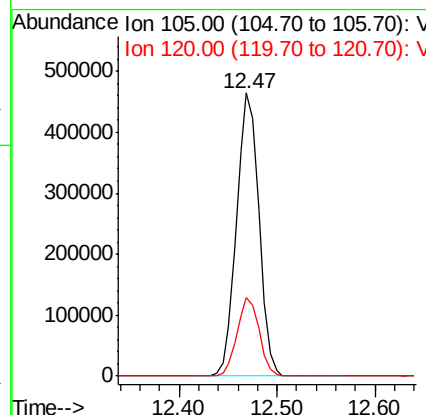
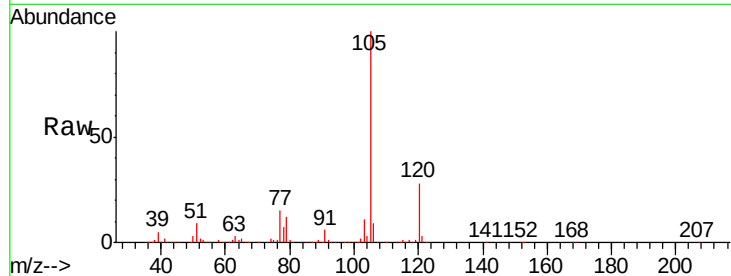
#73
Isopropylbenzene
Concen: 50.87 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW006194.D
Acq: 18 Oct 2018 23:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt	Ion	Ratio	Lower	Upper
105	100			
120	27.4	13.6	40.7	

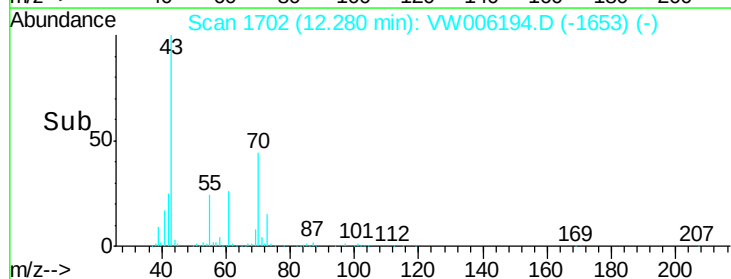
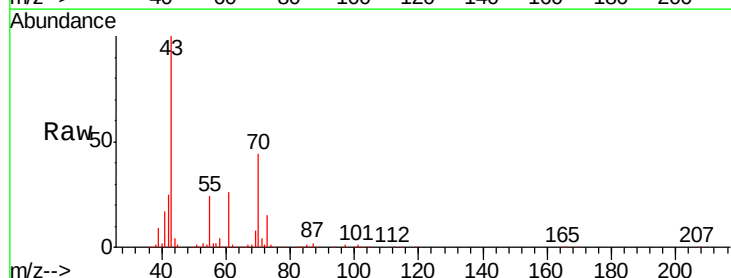
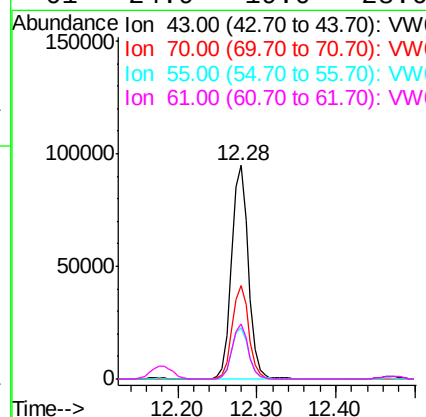
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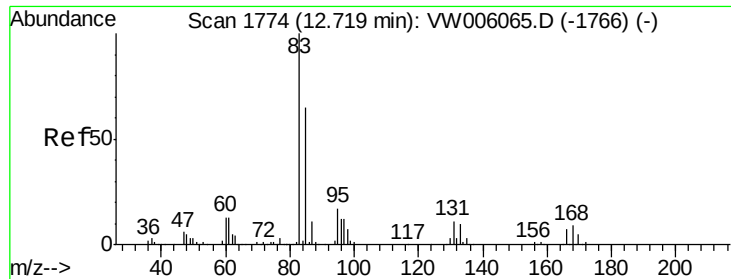
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#74
N-ethyl acetate
Concen: 49.62 ug/l
RT: 12.28 min Scan# 1702
Delta R.T. -0.00 min
Lab File: VW006194.D
Acq: 18 Oct 2018 23:37

Tgt	Ion	Ratio	Lower	Upper
43	100			
70	43.6	34.2	51.4	
55	24.5	19.2	28.8	
61	24.9	19.0	28.6	





#75

1,1,2,2-Tetrachloroethane

Concen: 52.71 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW006194.D

Acq: 18 Oct 2018 23:37

Instrument :

MSVOA_W

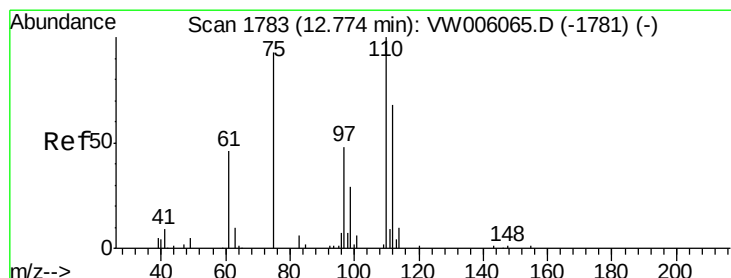
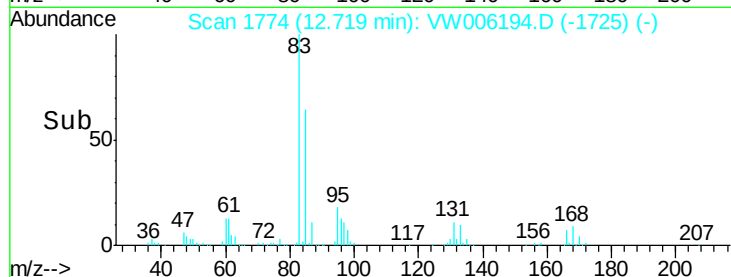
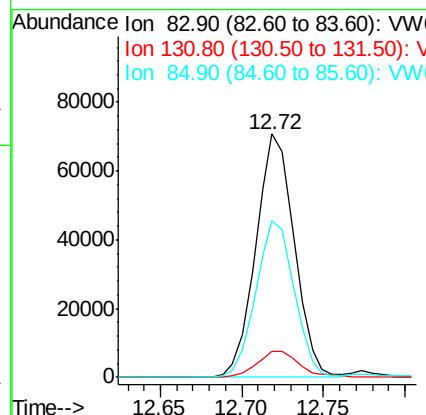
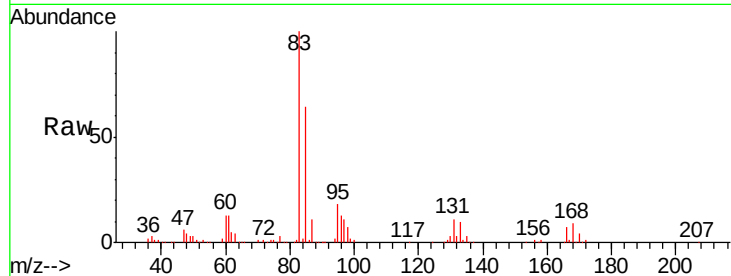
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	83	Resp:	116204
Ion Ratio	Lower	Upper	
83	100		
131	12.1	5.9	17.7
85	64.4	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 50.57 ug/l m

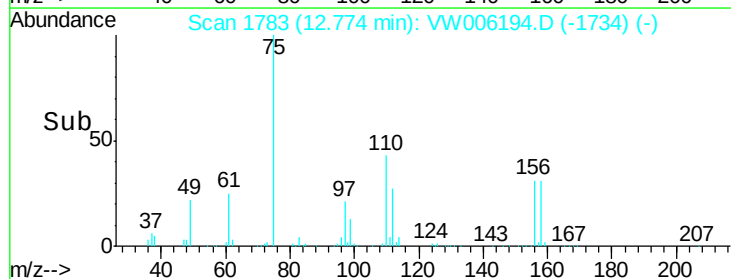
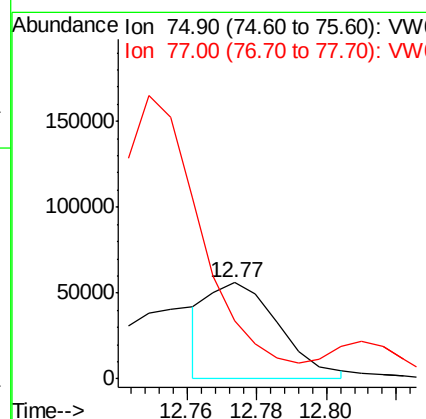
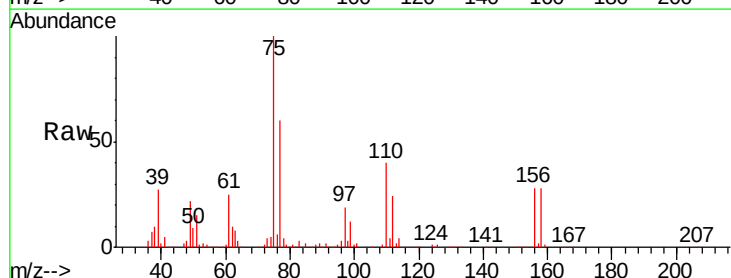
RT: 12.77 min Scan# 1783

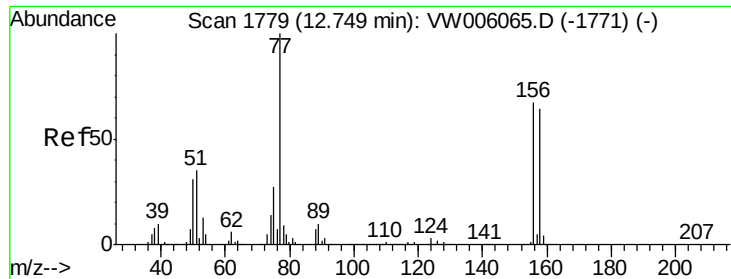
Delta R.T. -0.00 min

Lab File: VW006194.D

Acq: 18 Oct 2018 23:37

Tgt Ion:	75	Resp:	79252
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 52.50 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. 0.01 min

Lab File: VW006194.D

Acq: 18 Oct 2018 23:37

Instrument :

MSVOA_W

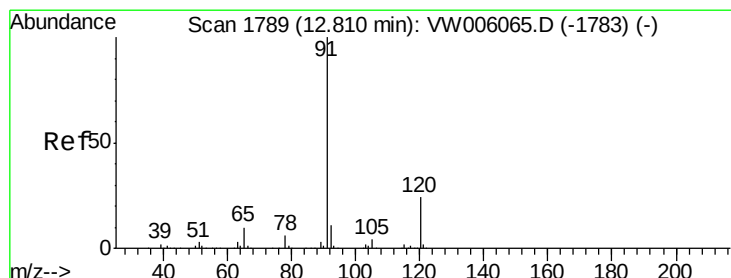
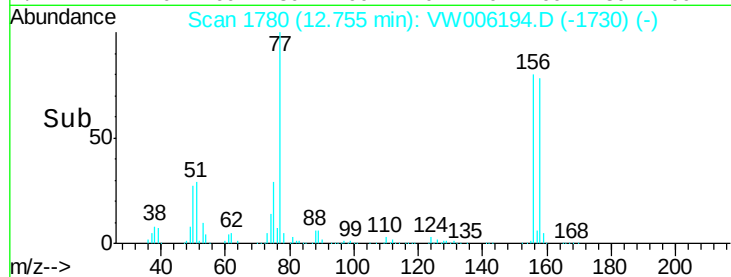
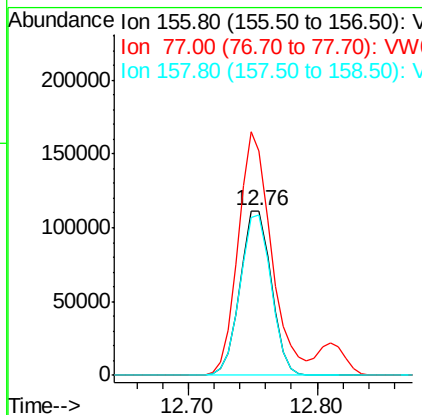
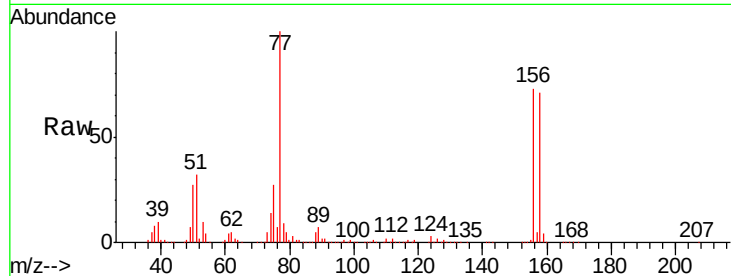
ClientSampleId :

VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
156	100	186413		
77	157.7	79.1	237.4	
158	97.0	48.5	145.6	

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#78

n-propylbenzene

Concen: 50.50 ug/l

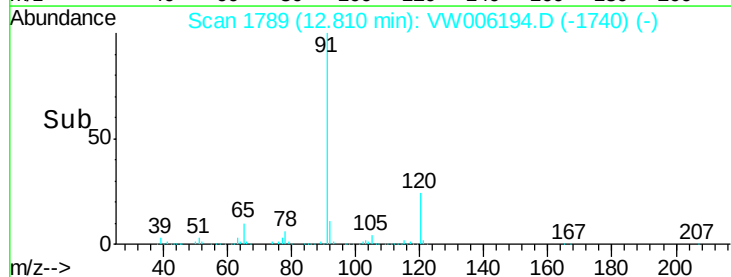
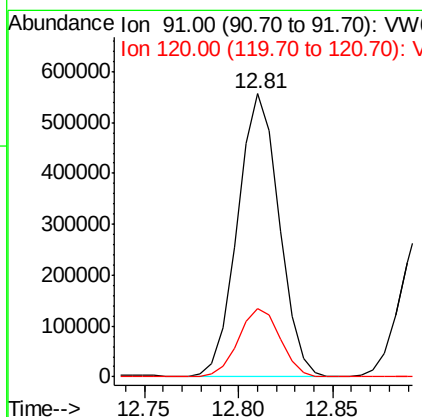
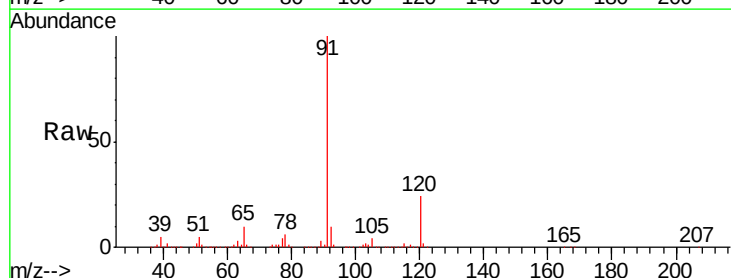
RT: 12.81 min Scan# 1789

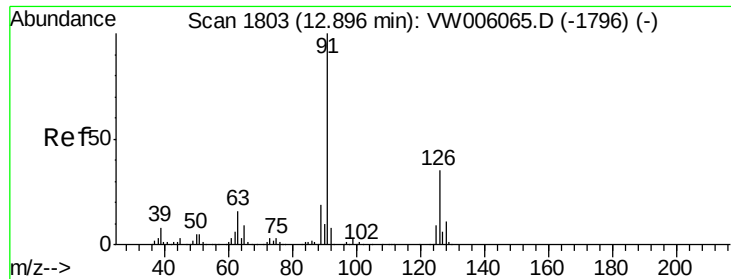
Delta R.T. -0.00 min

Lab File: VW006194.D

Acq: 18 Oct 2018 23:37

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	851709		
120	24.4	12.2	36.6	





#79

2-Chlorotoluene

Concen: 52.00 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW006194.D

Acq: 18 Oct 2018 23:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 492743

Ion Ratio Lower Upper

91 100

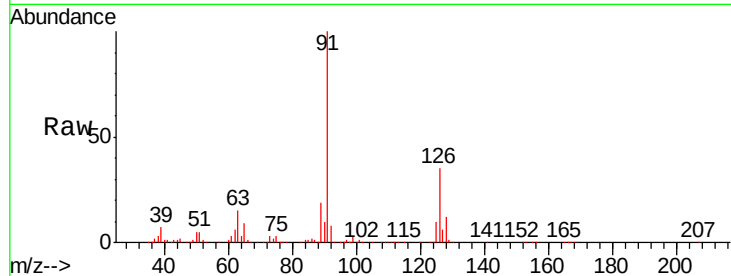
126 36.3 17.9 53.8

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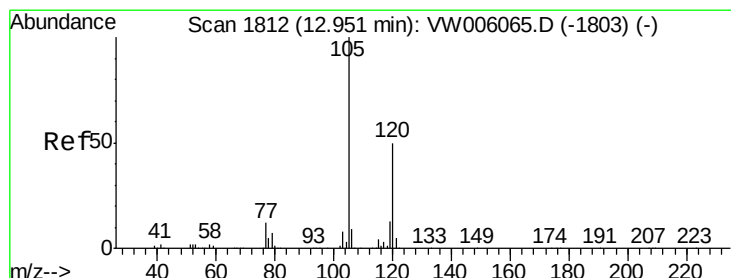
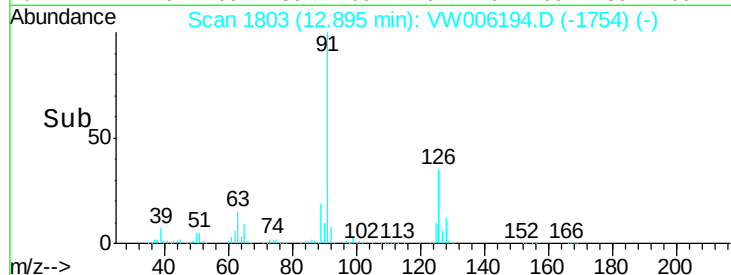
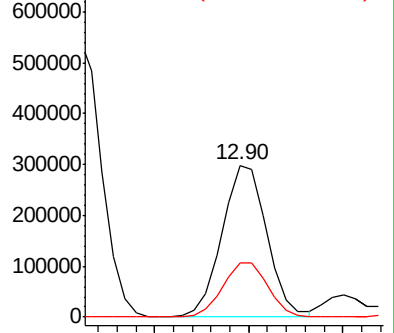
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10/19/2018 12:51:09 PM



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 50.57 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW006194.D

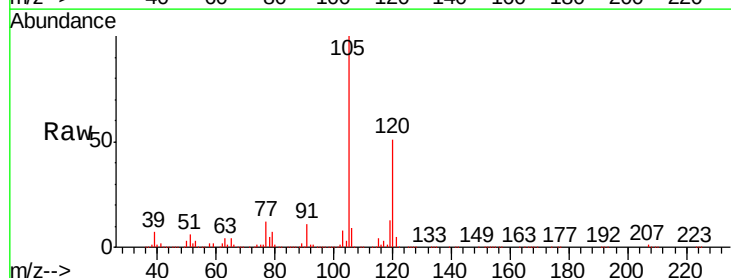
Acq: 18 Oct 2018 23:37

Tgt Ion: 105 Resp: 617933

Ion Ratio Lower Upper

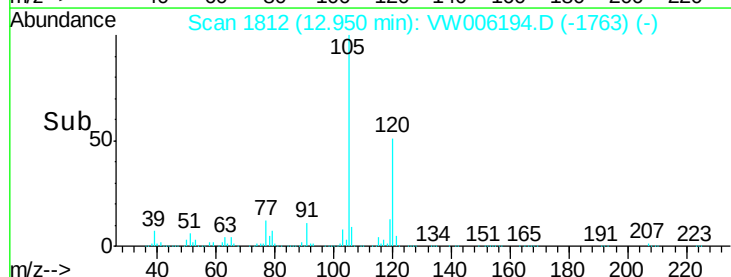
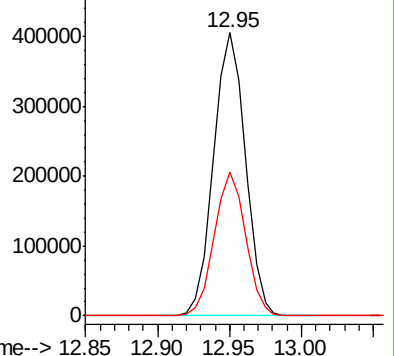
105 100

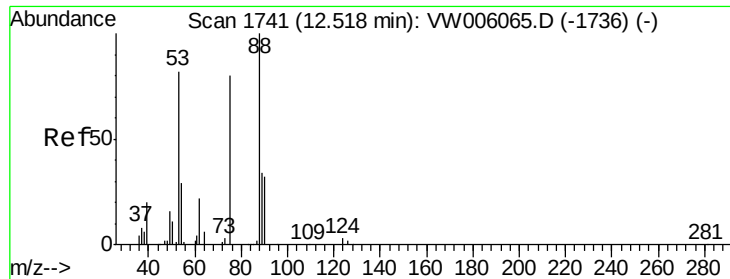
120 50.0 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





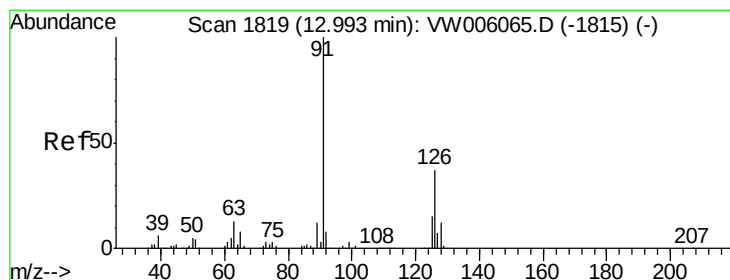
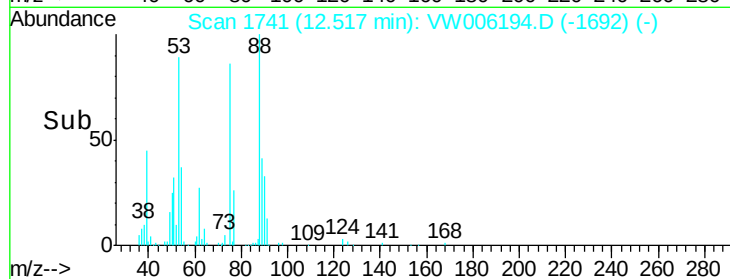
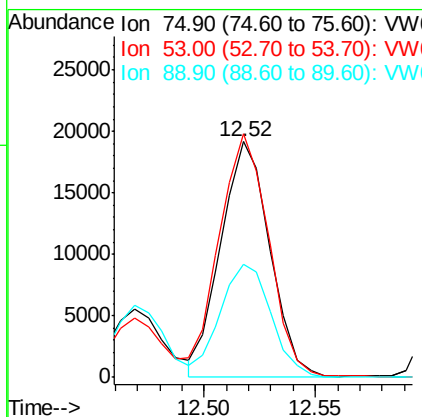
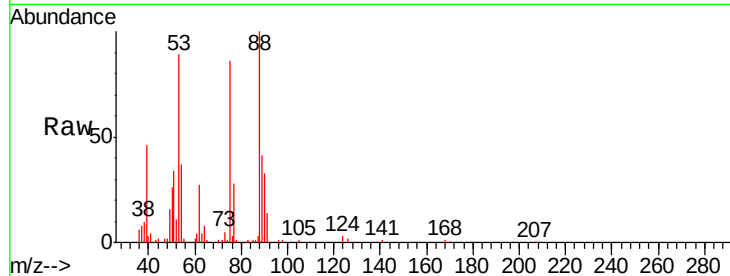
#81
trans-1,4-Dichloro-2-butene
Concen: 44.37 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW006194.D
Acq: 18 Oct 2018 23:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
75	100		
53	105.5	79.8	119.6
89	50.3	37.5	56.3

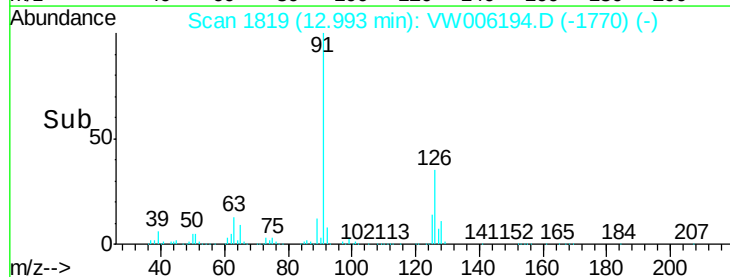
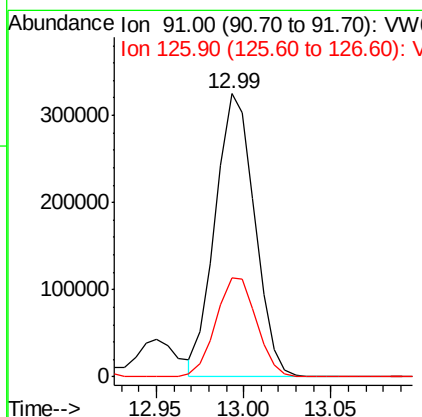
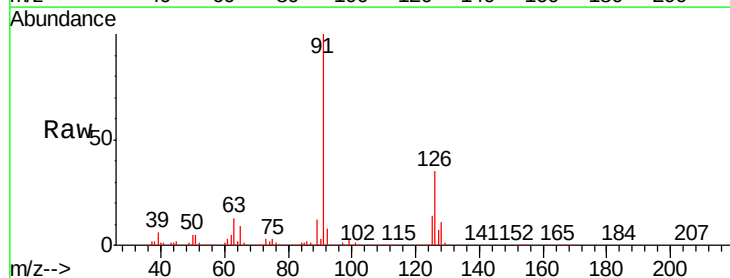
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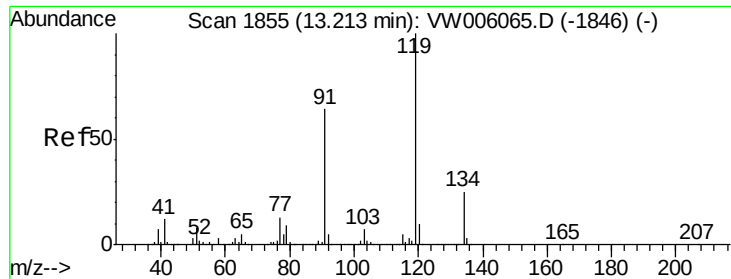
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#82
4-Chlorotoluene
Concen: 51.21 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW006194.D
Acq: 18 Oct 2018 23:37

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.5	18.1	54.3





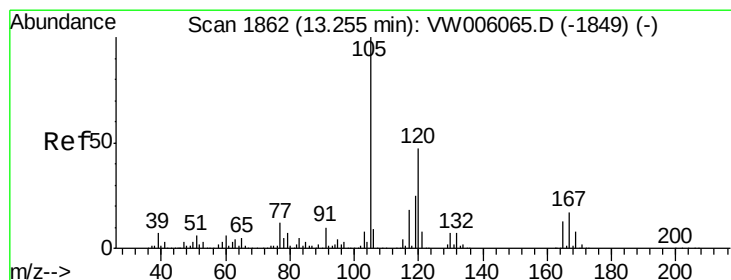
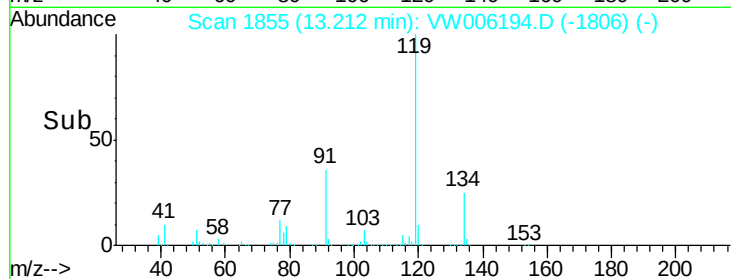
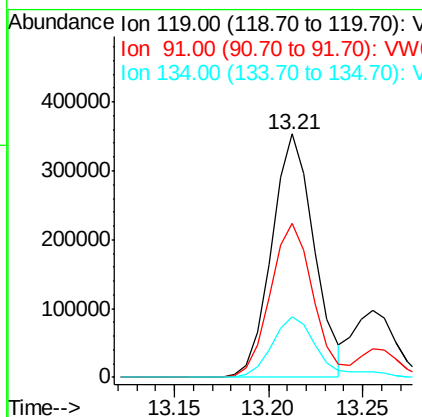
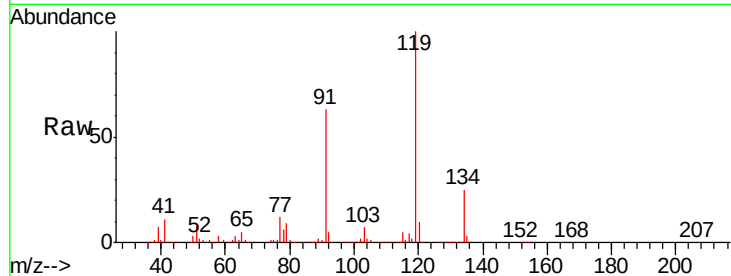
#83
 tert-Butylbenzene
 Concen: 50.33 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW006194.D
 Acq: 18 Oct 2018 23:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	550269		
91	64.4	32.3	96.9	
134	27.3	13.6	40.8	

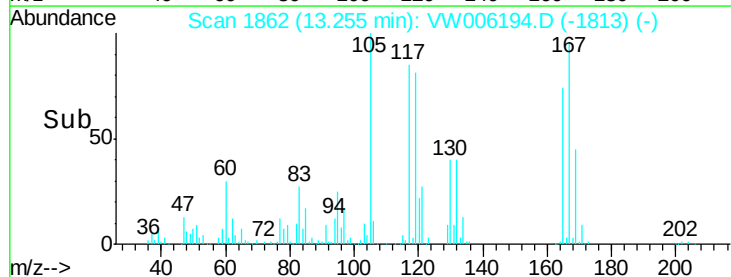
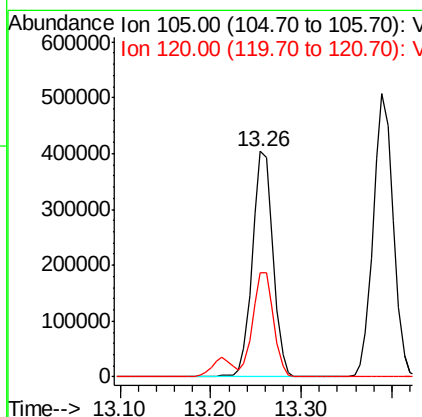
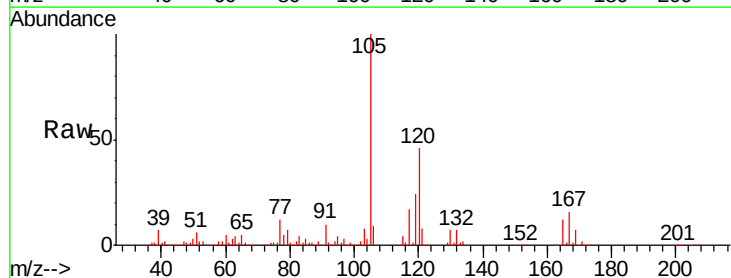
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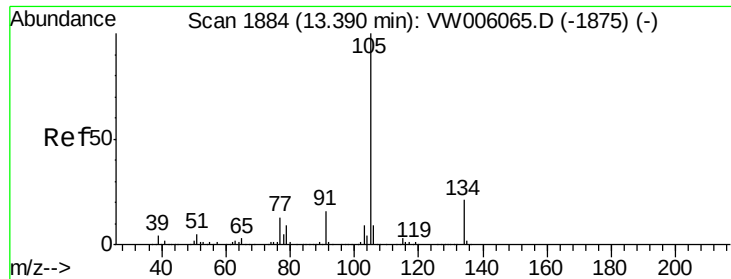
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#84
 1,2,4-Trimethylbenzene
 Concen: 51.44 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW006194.D
 Acq: 18 Oct 2018 23:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	636060		
120	46.3	23.1	69.3	





#85

sec-Butylbenzene

Concen: 50.16 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW006194.D

Acq: 18 Oct 2018 23:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 774726

Ion Ratio Lower Upper

105 100

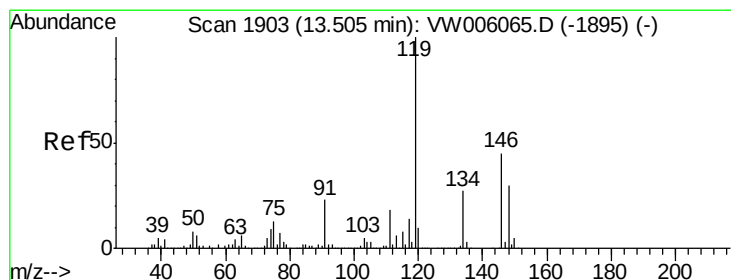
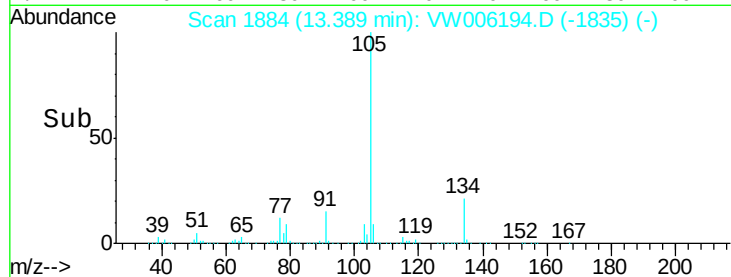
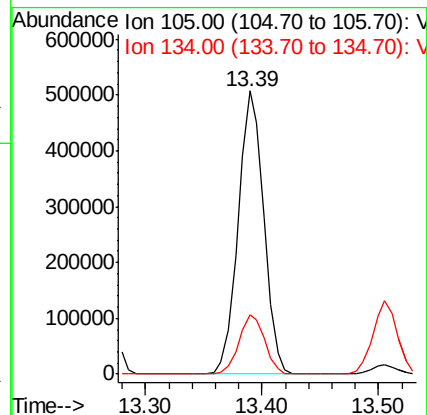
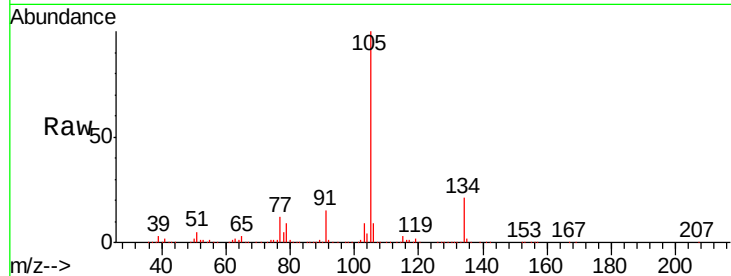
134 21.1 10.5 31.6

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#86

p-Isopropyltoluene

Concen: 50.59 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW006194.D

Acq: 18 Oct 2018 23:37

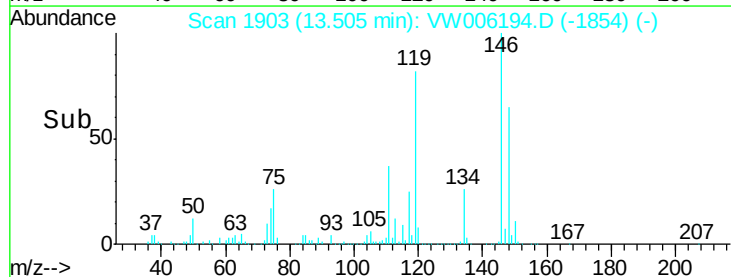
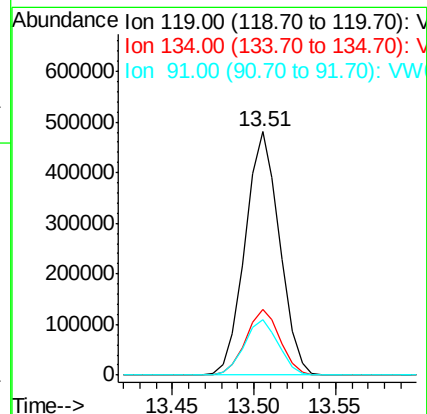
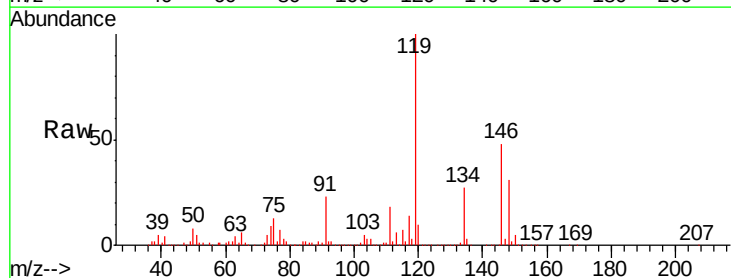
Tgt Ion:119 Resp: 706828

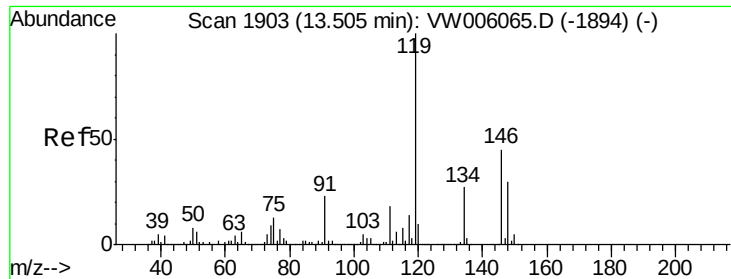
Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.2

91 22.8 11.4 34.1





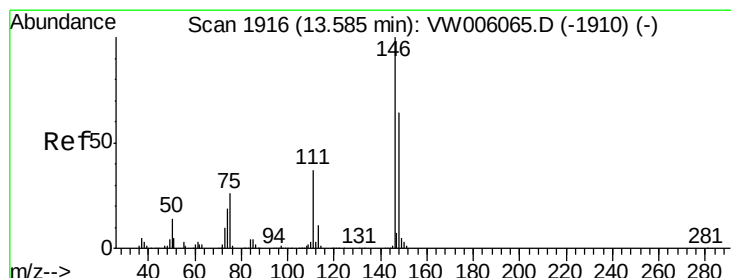
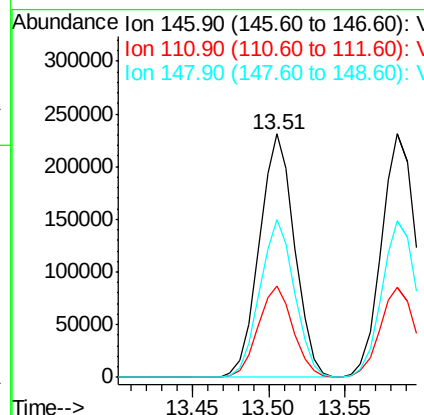
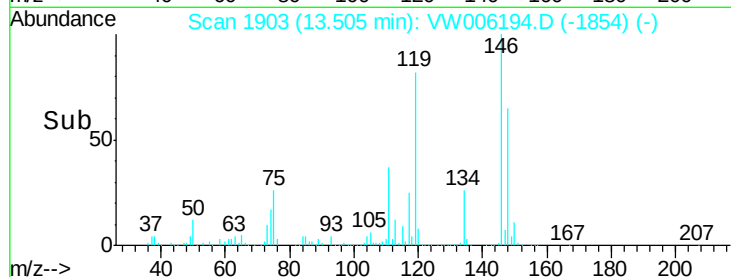
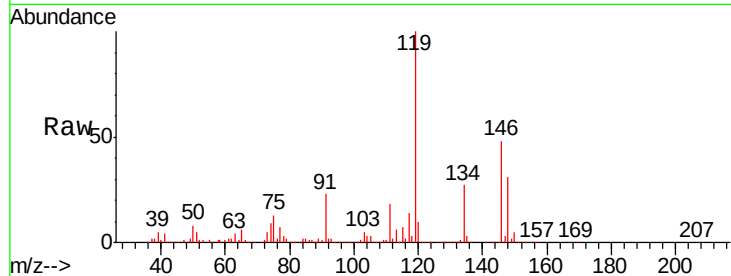
#87
 1,3-Dichlorobenzene
 Concen: 52.29 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006194.D
 Acq: 18 Oct 2018 23:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	19.1	57.5
148	63.9	32.0	96.2

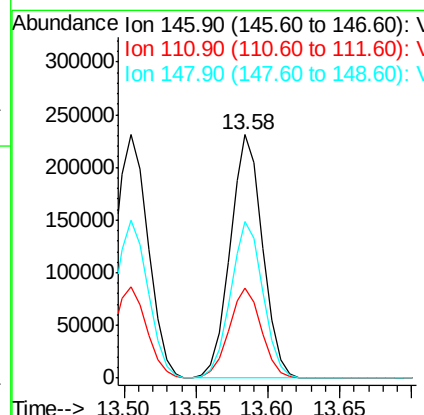
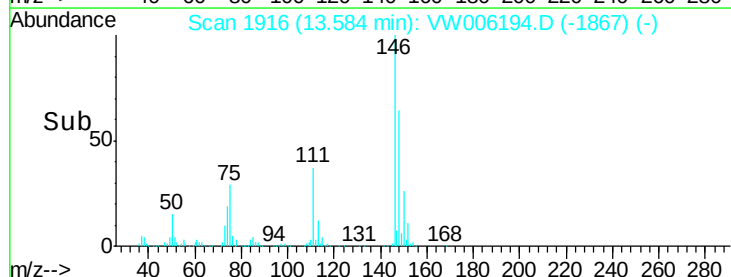
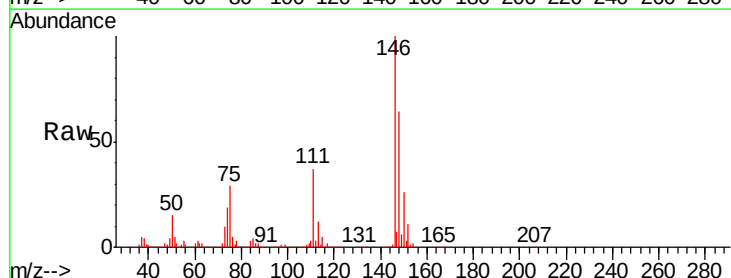
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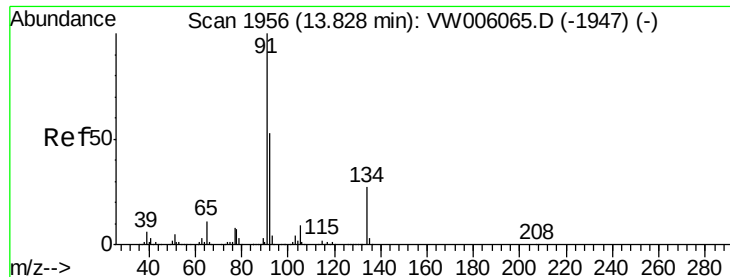
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#88
 1,4-Dichlorobenzene
 Concen: 51.58 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW006194.D
 Acq: 18 Oct 2018 23:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.6	56.0
148	64.1	32.1	96.5





#89

n-Butylbenzene

Concen: 49.32 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW006194.D

Acq: 18 Oct 2018 23:37

Instrument :

MSVOA_W

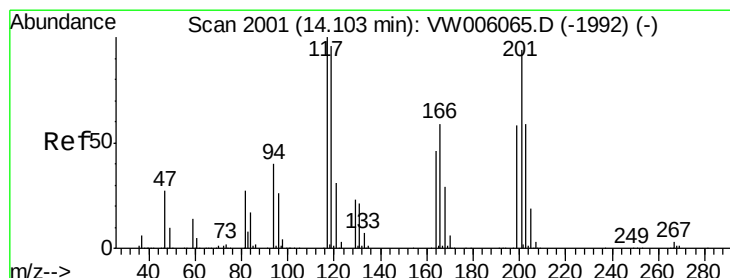
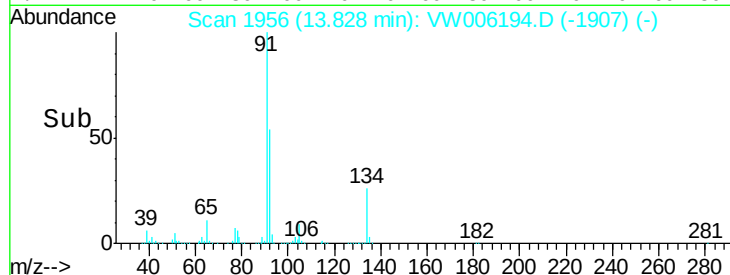
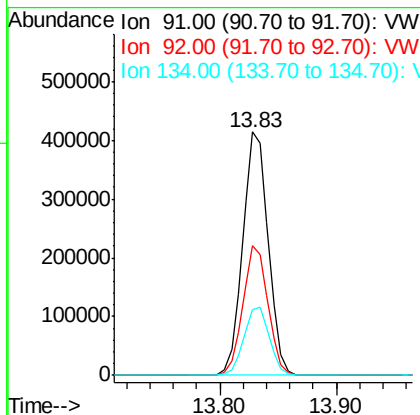
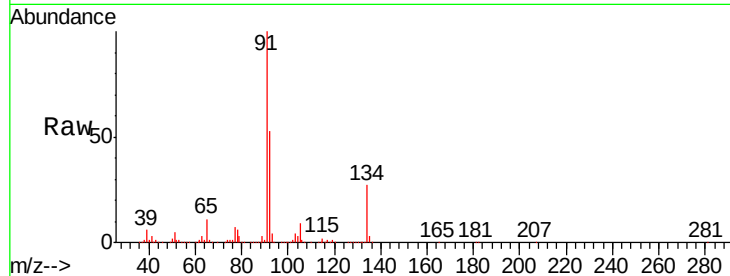
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	91	Resp:	630124
Ion Ratio	Lower	Upper	
91	100		
92	52.7	26.6	79.7
134	28.2	14.0	41.9

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#90

Hexachloroethane

Concen: 47.43 ug/l

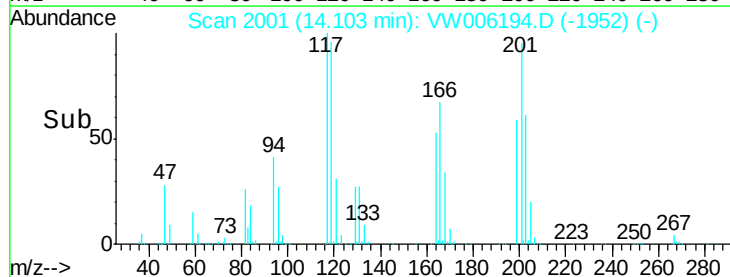
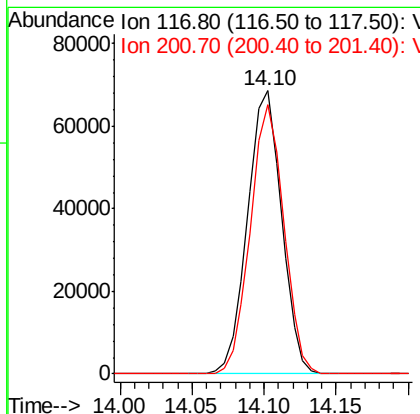
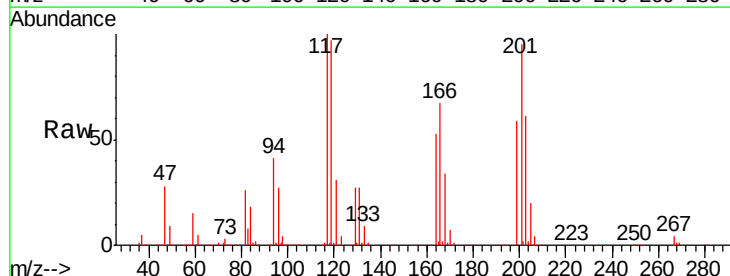
RT: 14.10 min Scan# 2001

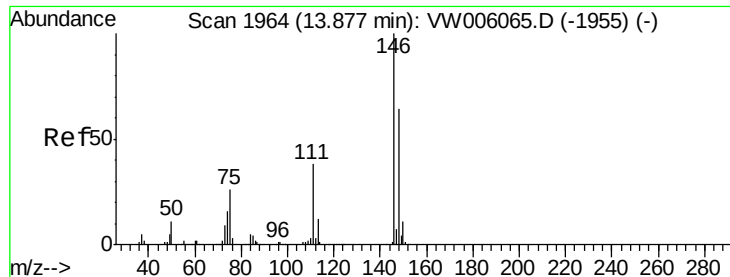
Delta R.T. -0.00 min

Lab File: VW006194.D

Acq: 18 Oct 2018 23:37

Tgt Ion:	117	Resp:	112250
Ion Ratio	Lower	Upper	
117	100		
201	93.3	45.3	135.9





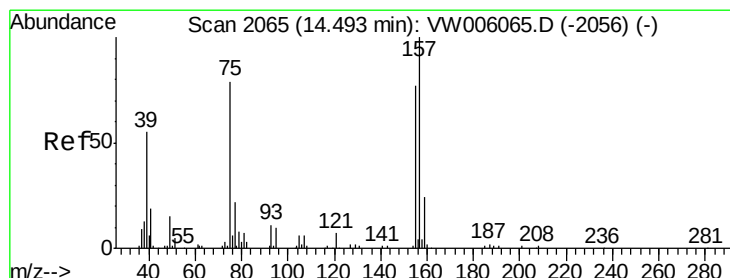
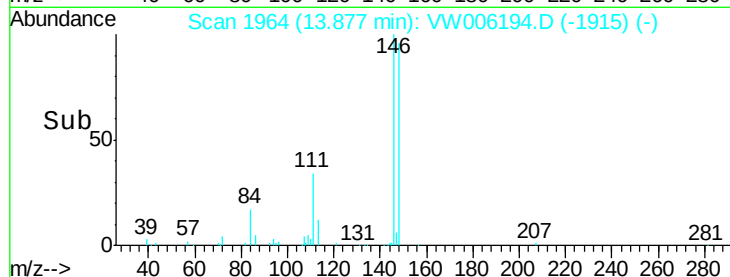
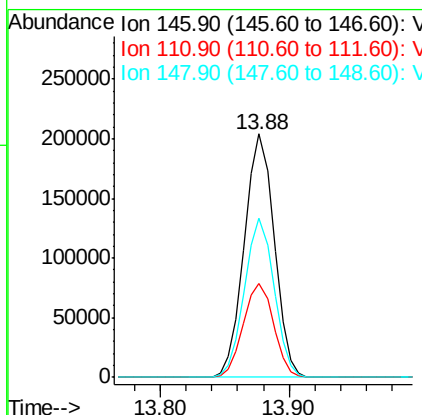
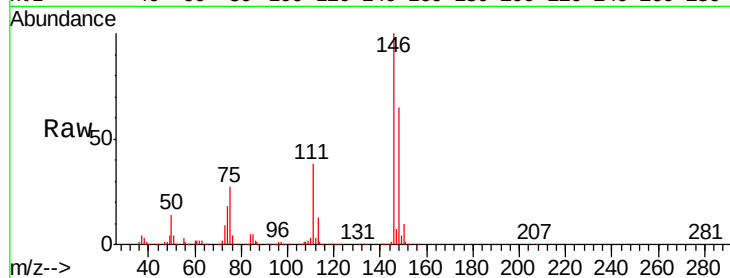
#91
 1,2-Dichlorobenzene
 Concen: 51.96 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW006194.D
 Acq: 18 Oct 2018 23:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.6	58.7
148	64.8	32.2	96.6

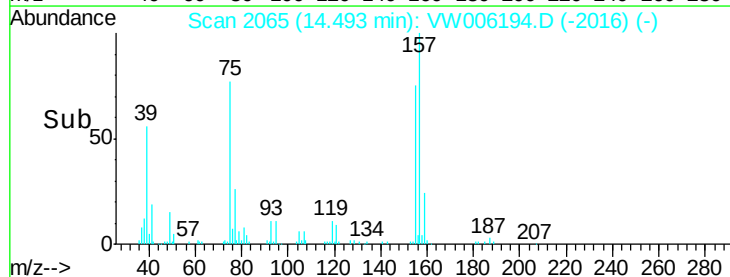
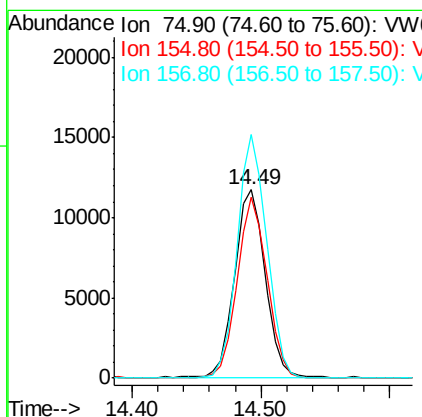
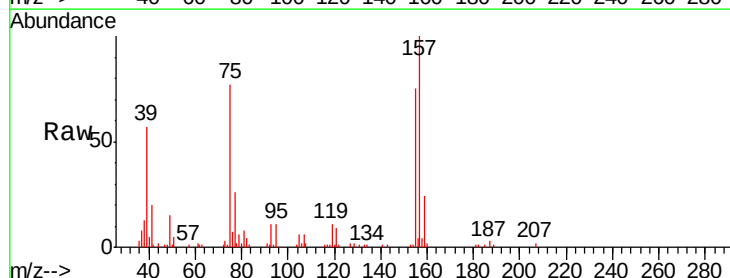
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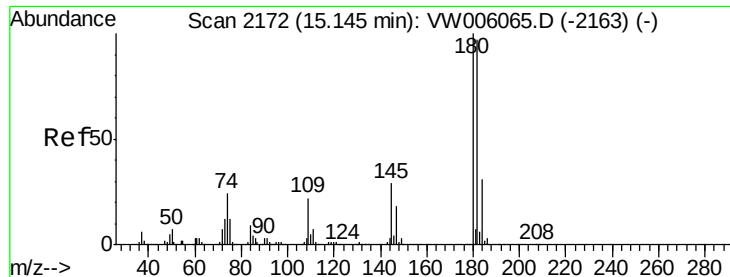
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.36 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW006194.D
 Acq: 18 Oct 2018 23:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.8	46.5	139.5
157	123.8	59.8	179.4





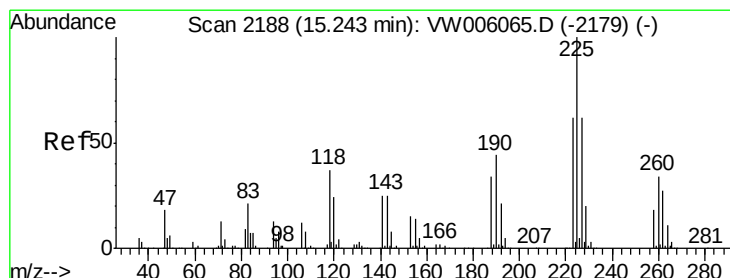
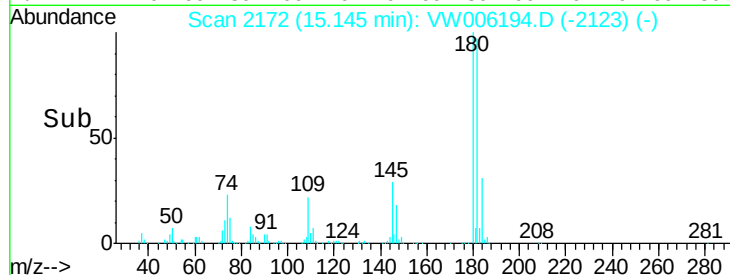
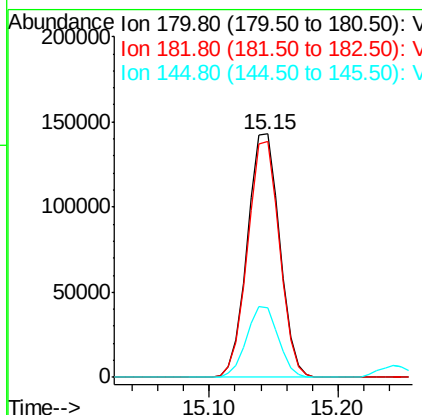
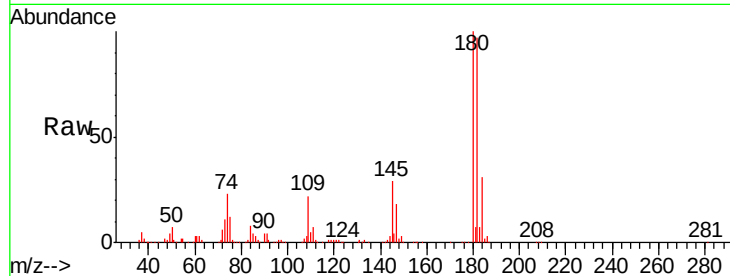
#93
1,2,4-Trichlorobenzene
Concen: 50.81 ug/l
RT: 15.15 min Scan# 2172
Delta R.T. -0.00 min
Lab File: VW006194.D
Acq: 18 Oct 2018 23:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	246403		
182	95.3	47.9	143.6	
145	28.7	14.2	42.8	

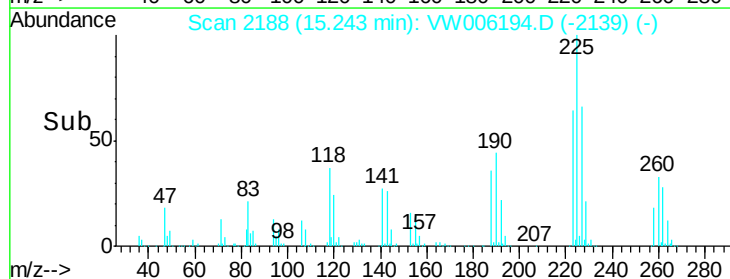
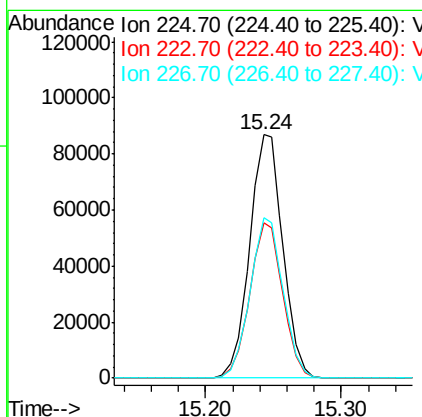
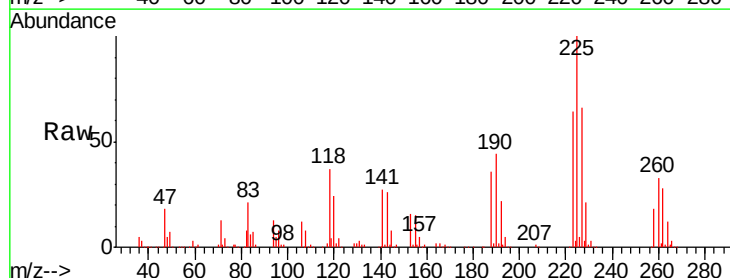
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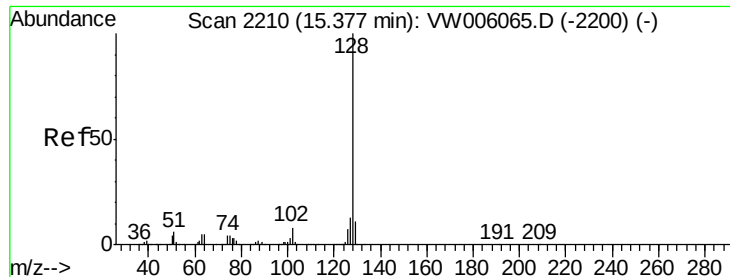
apatel
10/19/2018 12:51:09 PM



#94
Hexachlorobutadiene
Concen: 48.66 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. -0.00 min
Lab File: VW006194.D
Acq: 18 Oct 2018 23:37

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	148243		
223	63.3	31.1	93.5	
227	65.1	32.4	97.0	





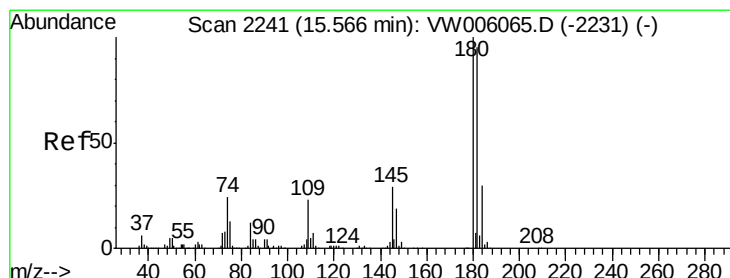
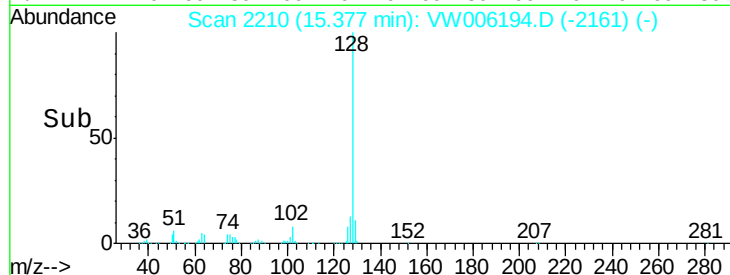
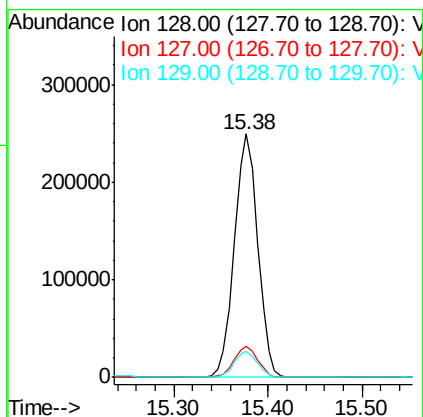
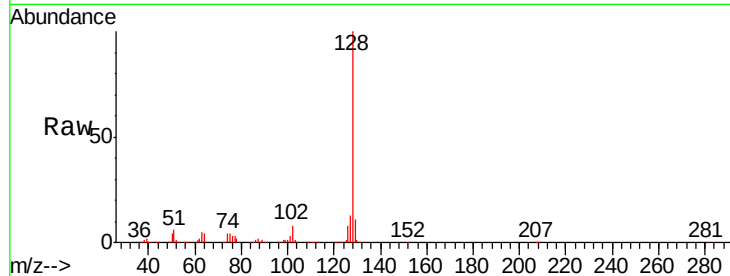
#95
Naphthalene
Concen: 53.34 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006194.D
Acq: 18 Oct 2018 23:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	10.9	8.7	13.1

Manual Integrations
APPROVED

apatel
10/19/2018 12:51:09 PM



#96
1,2,3-Trichlorobenzene
Concen: 51.82 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW006194.D
Acq: 18 Oct 2018 23:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.8	143.3
145	30.2	15.0	45.1

