

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092718\
 Data File : VW005690.D
 Acq On : 27 Sep 2018 10:34
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/28/2018 11:06:21 AM

Quant Time: Sep 28 01:27:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	235687	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	344942	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	317288	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	169610	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	132512	47.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.46%	
35) Dibromofluoromethane	7.89	113	115765	53.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.74%	
50) Toluene-d8	10.33	98	470263	53.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.48%	
62) 4-Bromofluorobenzene	12.62	95	174611	53.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	67538	47.482	ug/l	98
3) Chloromethane	2.21	50	76900	40.589	ug/l	95
4) Vinyl Chloride	2.37	62	113394	50.071	ug/l	100
5) Bromomethane	2.79	94	70996	46.389	ug/l	100
6) Chloroethane	2.93	64	68170	46.911	ug/l	99
7) Trichlorofluoromethane	3.26	101	85069	48.028	ug/l	98
8) Diethyl Ether	3.68	74	55113	47.633	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.07	101	111664	49.803	ug/l	99
10) Methyl Iodide	4.26	142	169051	49.027	ug/l	98
11) Tert butyl alcohol	5.22	59	33130	230.915	ug/l #	85
12) 1,1-Dichloroethene	4.04	96	106402	49.569	ug/l	98
13) Acrolein	3.90	56	22057	228.372	ug/l	99
14) Allyl chloride	4.67	41	183142	48.889	ug/l	99
15) Acrylonitrile	5.38	53	112336	218.675	ug/l	98
16) Acetone	4.14	43	124652	286.968	ug/l	99
17) Carbon Disulfide	4.38	76	315494	47.042	ug/l	100
18) Methyl Acetate	4.68	43	57801	43.923	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	160974	48.586	ug/l	97
20) Methylene Chloride	4.92	84	120341	51.893	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	115822	49.264	ug/l	97
22) Diisopropyl ether	6.32	45	365163	50.214	ug/l	98
23) Vinyl Acetate	6.26	43	1000347	240.669	ug/l	100
24) 1,1-Dichloroethane	6.21	63	220901	49.166	ug/l	98
25) 2-Butanone	7.18	43	152115	225.569	ug/l	99
26) 2,2-Dichloropropane	7.17	77	157378	50.173	ug/l	100
27) cis-1,2-Dichloroethene	7.18	96	129036	49.760	ug/l	99
28) Bromochloromethane	7.51	49	81591	45.845	ug/l	97
29) Tetrahydrofuran	7.54	42	92693	220.018	ug/l	99
30) Chloroform	7.68	83	228574	49.277	ug/l	99
31) Cyclohexane	7.96	56	202794	47.111	ug/l	96
32) 1,1,1-Trichloroethane	7.88	97	205061	50.043	ug/l	99
36) 1,1-Dichloropropene	8.09	75	181838	52.367	ug/l	100
37) Ethyl Acetate	7.26	43	66054	45.203	ug/l	99
38) Carbon Tetrachloride	8.07	117	195220	52.465	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	219993	53.699	ug/l	99
40) Benzene	8.33	78	506933	51.525	ug/l	99
41) Methacrylonitrile	7.49	41	43932	52.832	ug/l	94
42) 1,2-Dichloroethane	8.40	62	152737	48.489	ug/l	99
43) Isopropyl Acetate	8.43	43	131144	45.647	ug/l	99
44) Trichloroethene	9.10	130	130996	52.017	ug/l	100
45) 1,2-Dichloropropane	9.37	63	121859	50.345	ug/l	99
46) Dibromomethane	9.46	93	59095	48.863	ug/l	98
47) Bromodichloromethane	9.65	83	164053	50.497	ug/l	100
48) Methyl methacrylate	9.44	41	65949	48.329	ug/l	95
49) 1,4-Dioxane	9.48	88	17831	927.357	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	331139	228.842	ug/l	100
52) Toluene	10.39	92	317323	51.691	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	166195	51.030	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	191700	52.534	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	86281	50.260	ug/l	99
56) Ethyl methacrylate	10.65	69	108163	51.040	ug/l	99
57) 1,3-Dichloropropane	10.94	76	150024	49.309	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	245189	255.235	ug/l	99
59) 2-Hexanone	10.98	43	247641	251.924	ug/l	100
60) Dibromochloromethane	11.13	129	106850	51.513	ug/l	100
61) 1,2-Dibromoethane	11.24	107	79661	49.770	ug/l	97
64) Tetrachloroethene	10.87	164	112728	50.059	ug/l	98
65) Chlorobenzene	11.66	112	347113	51.534	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.74	131	126394	52.138	ug/l	100
67) Ethyl Benzene	11.74	91	640515	53.574	ug/l	100
68) m/p-Xylenes	11.85	106	486412	107.686	ug/l	100
69) o-Xylene	12.17	106	225866	53.392	ug/l	100
70) Styrene	12.19	104	374114	52.551	ug/l	98
71) Bromoform	12.35	173	64043	49.769	ug/l	99
73) Isopropylbenzene	12.47	105	657617	55.910	ug/l	100
74) N-amyl acetate	12.28	43	129037	48.449	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	95735	49.002	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	66272m	45.837	ug/l	
77) Bromobenzene	12.76	156	143929	52.209	ug/l	98
78) n-propylbenzene	12.81	91	793720	55.738	ug/l	99
79) 2-Chlorotoluene	12.90	91	449597	54.571	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	565995	55.340	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	32900	51.252	ug/l	97
82) 4-Chlorotoluene	12.99	91	472526	54.283	ug/l	99
83) tert-Butylbenzene	13.21	119	484183	56.350	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	577769	55.980	ug/l	99
85) sec-Butylbenzene	13.39	105	701271	56.274	ug/l	100
86) p-Isopropyltoluene	13.51	119	631602	56.546	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	298825	53.011	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	292134	52.108	ug/l	100
89) n-Butylbenzene	13.83	91	599956	56.945	ug/l	99
90) Hexachloroethane	14.10	117	108745	53.715	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	263503	52.953	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	17044	45.789	ug/l	99

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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	192722	54.291	ug/l	99
94) Hexachlorobutadiene	15.25	225	125715	54.665	ug/l	99
95) Naphthalene	15.38	128	314568	52.683	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	167706	53.609	ug/l	100

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

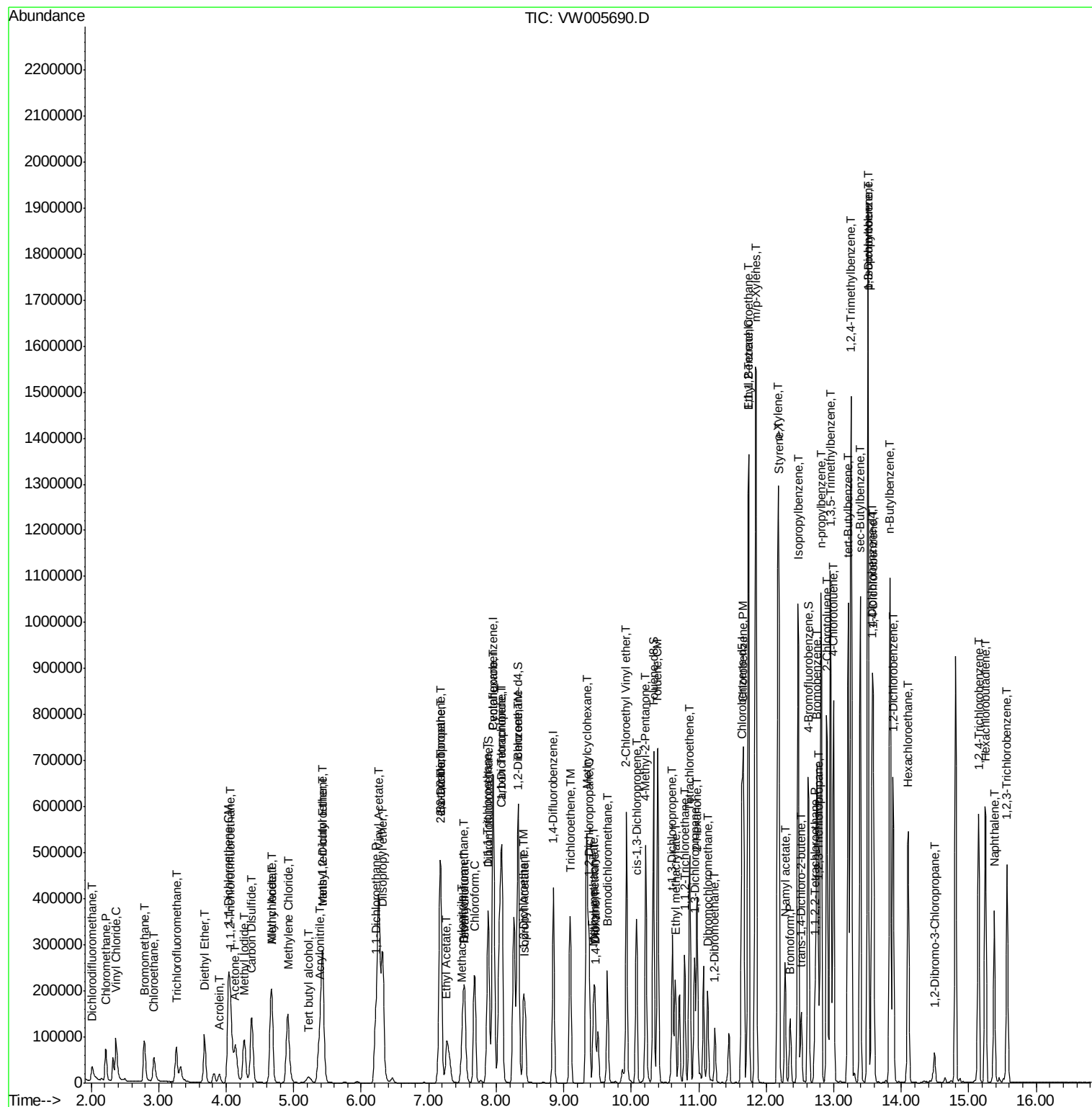
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092718\
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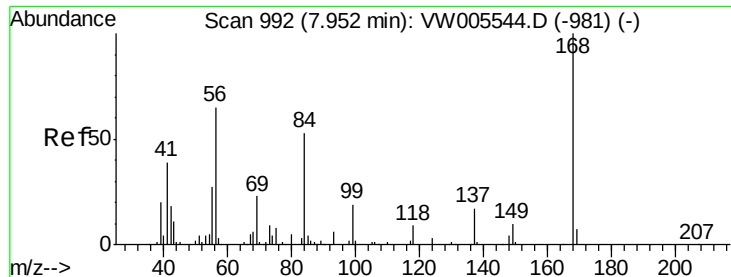
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW005690.D

Acq: 27 Sep 2018 10:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 235687

Ion Ratio Lower Upper

168 100

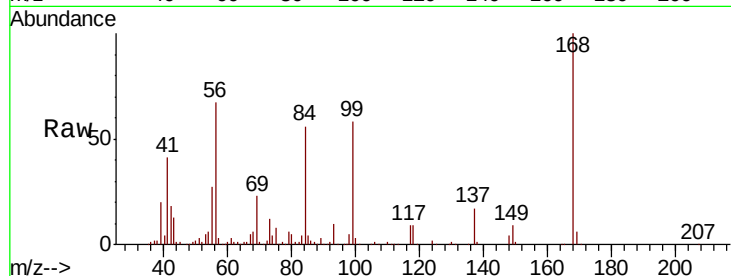
99 57.7 48.4 72.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

60000

40000

20000

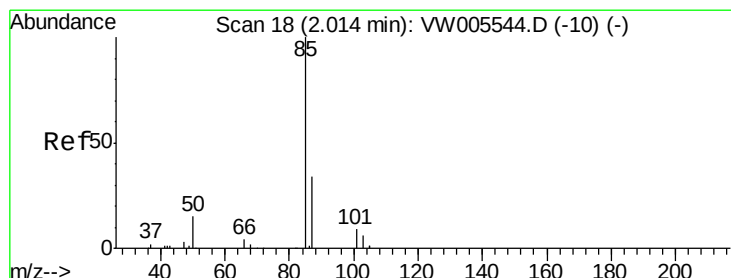
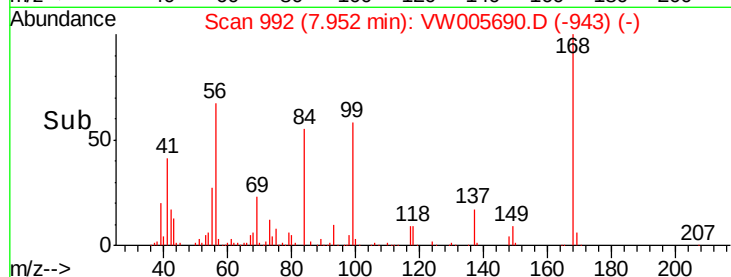
0

7.90

8.00

8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 47.482 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW005690.D

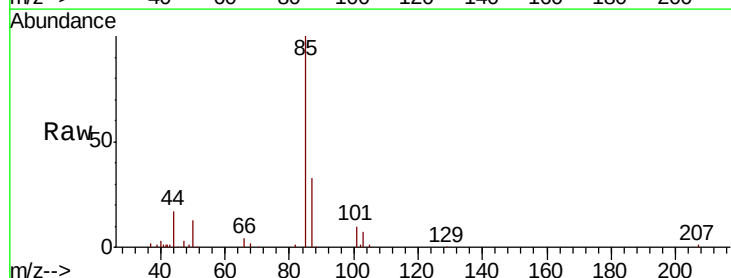
Acq: 27 Sep 2018 10:34

Tgt Ion: 85 Resp: 67538

Ion Ratio Lower Upper

85 100

87 32.9 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

20000

15000

10000

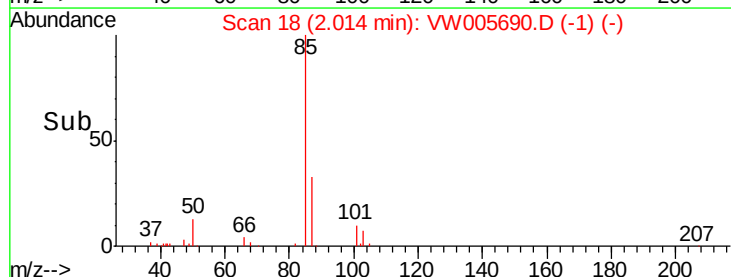
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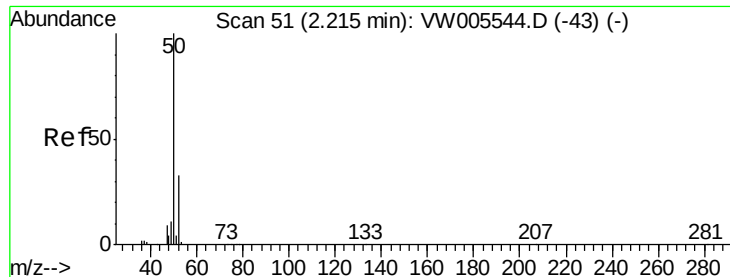
0

2.00

2.20

Time-->





#3

Chloromethane

Concen: 40.589 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW005690.D

Acq: 27 Sep 2018 10:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 76900

Ion Ratio Lower Upper

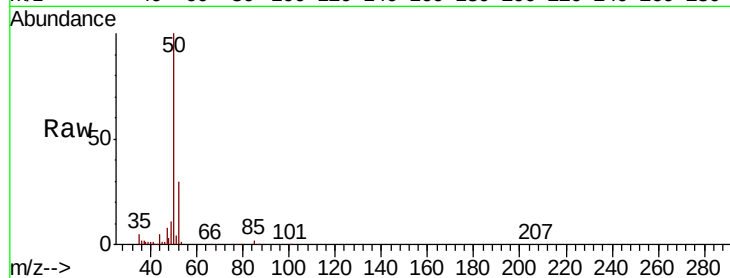
50 100

52 30.2 26.2 39.4

Manual Integrations
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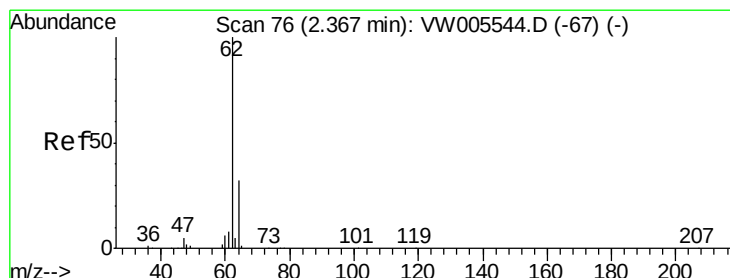
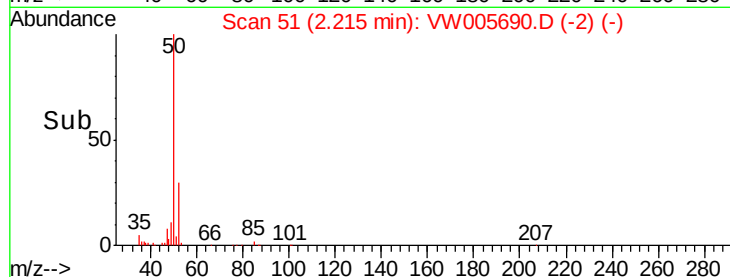
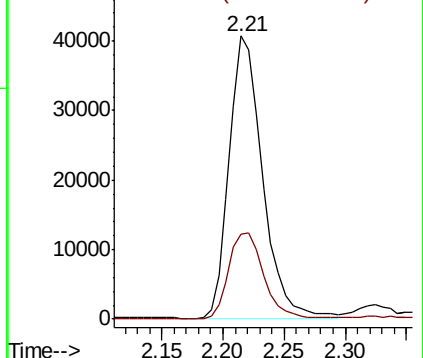
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Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 50.071 ug/l

RT: 2.37 min Scan# 77

Delta R.T. 0.01 min

Lab File: VW005690.D

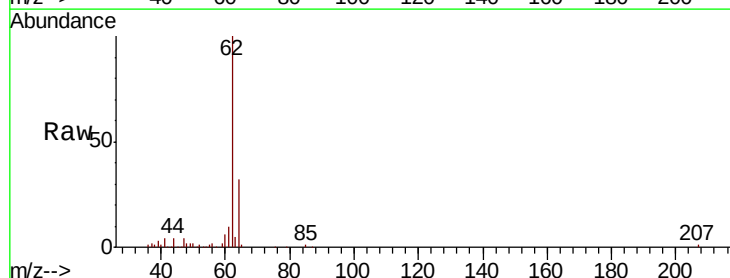
Acq: 27 Sep 2018 10:34

Tgt Ion: 62 Resp: 113394

Ion Ratio Lower Upper

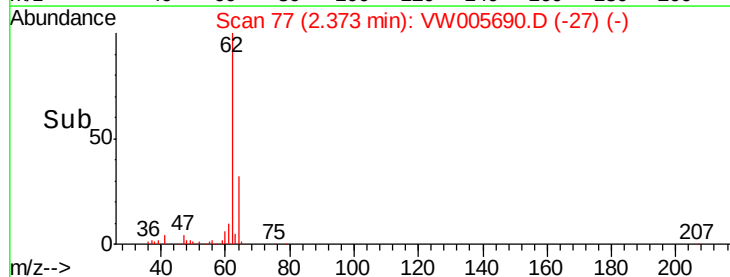
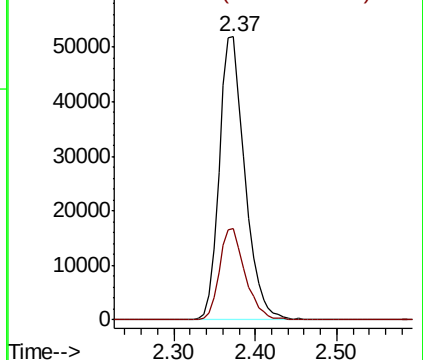
62 100

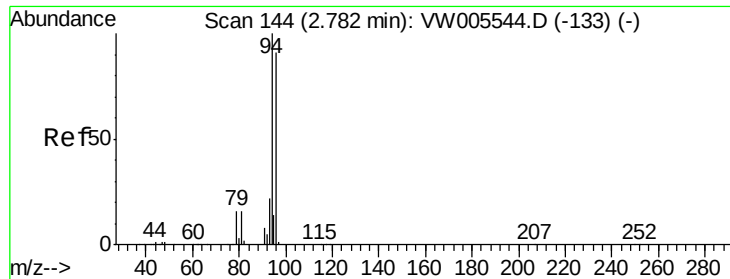
64 32.3 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 46.389 ug/l

RT: 2.79 min Scan# 145

Delta R.T. 0.01 min

Lab File: VW005690.D

Acq: 27 Sep 2018 10:34

Tot Ion: 94 Resp: 70996

Ion Ratio Lower Upper

94 100

96 91.5 73.1 109.7

Instrument :

MSVOA_W

ClientSampleId :

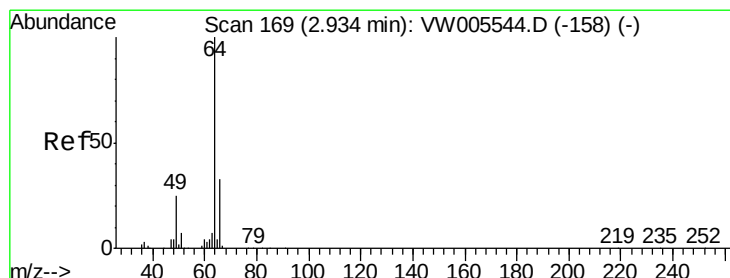
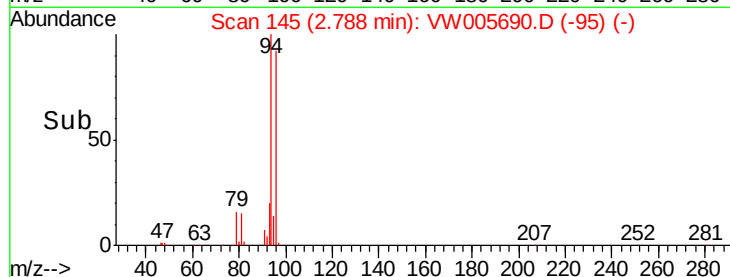
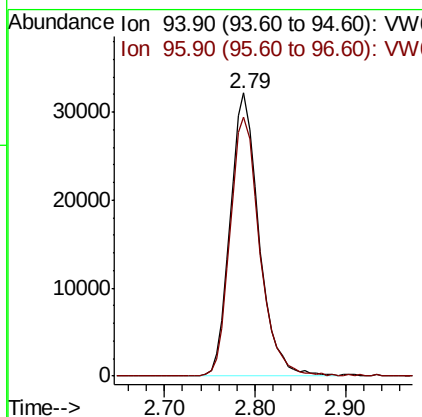
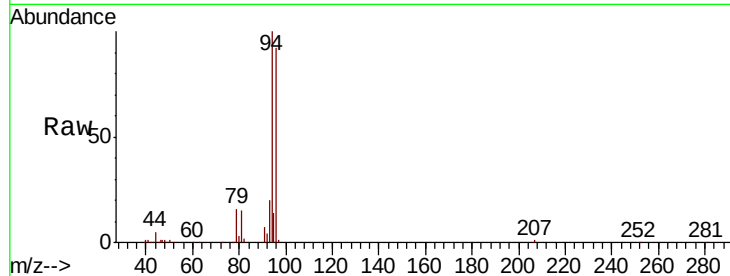
VSTDCCC050

Manual Integrations

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#6

Chloroethane

Concen: 46.911 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW005690.D

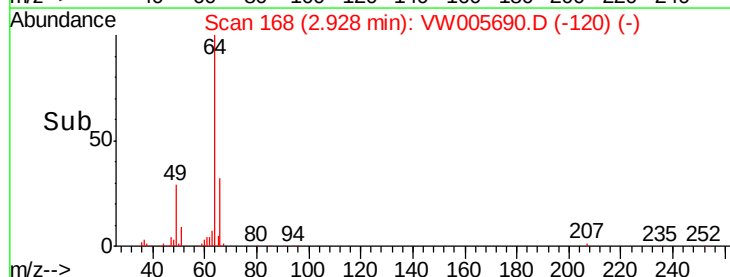
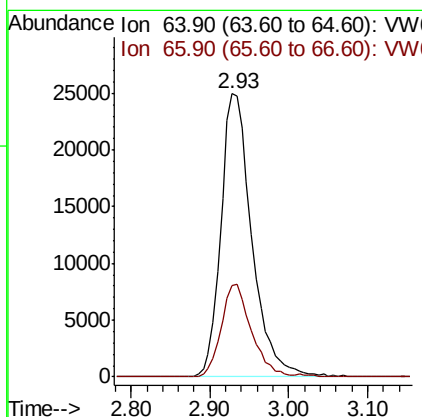
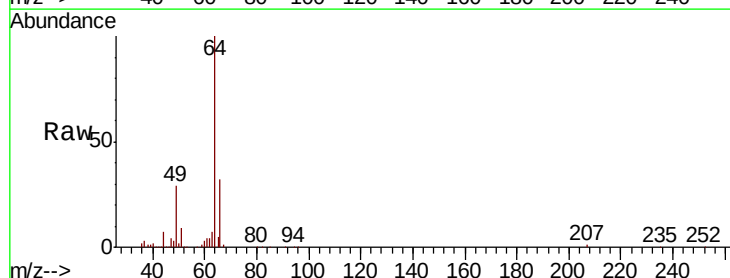
Acq: 27 Sep 2018 10:34

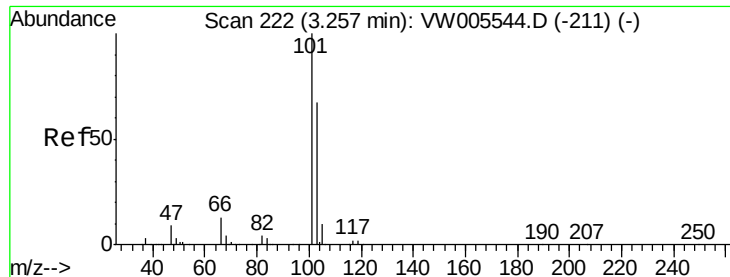
Tgt Ion: 64 Resp: 68170

Ion Ratio Lower Upper

64 100

66 31.8 26.0 39.0





#7

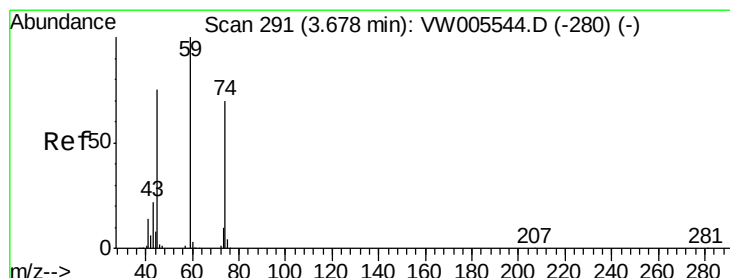
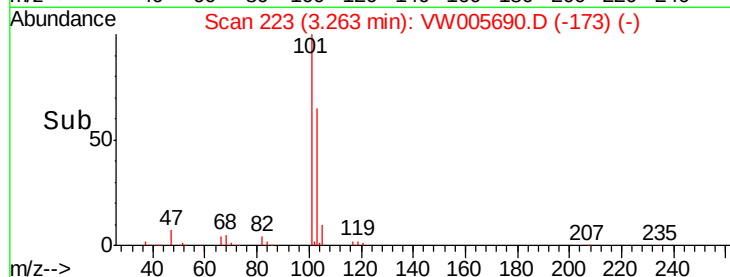
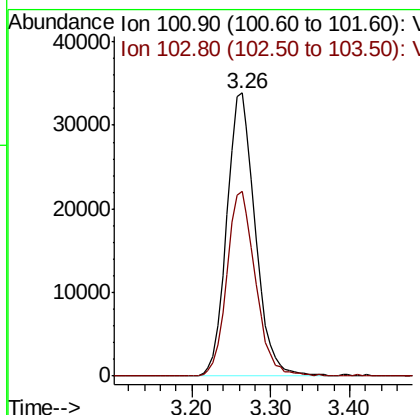
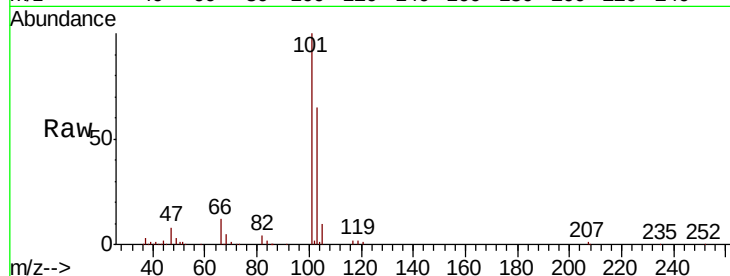
Trichlorofluoromethane
 Concen: 48.028 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.01 min
 Lab File: VW005690.D
 Acq: 27 Sep 2018 10:34

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.2	53.2	79.8

Manual Integrations
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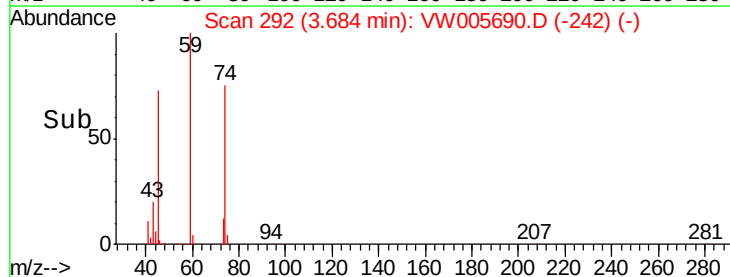
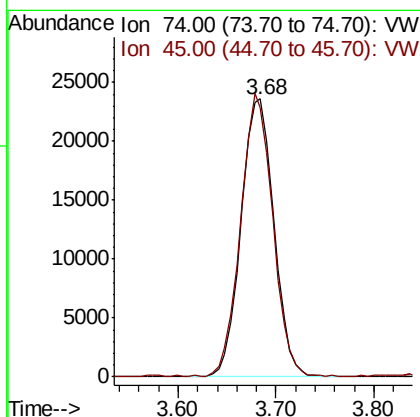
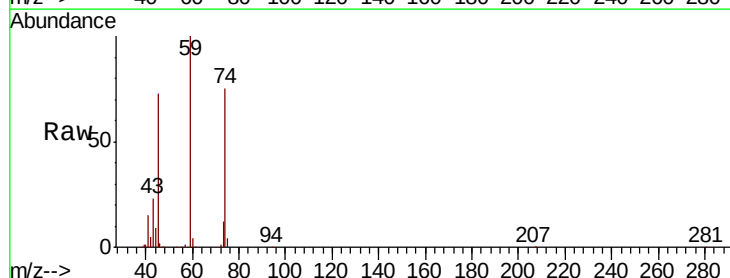
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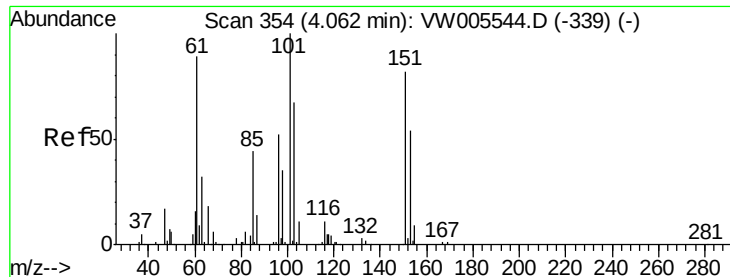


#8

Diethyl Ether
 Concen: 47.633 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.01 min
 Lab File: VW005690.D
 Acq: 27 Sep 2018 10:34

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.1	51.7	155.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.803 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.01 min

Lab File: VW005690.D

Acq: 27 Sep 2018 10:34

Instrument :

MSVOA_W

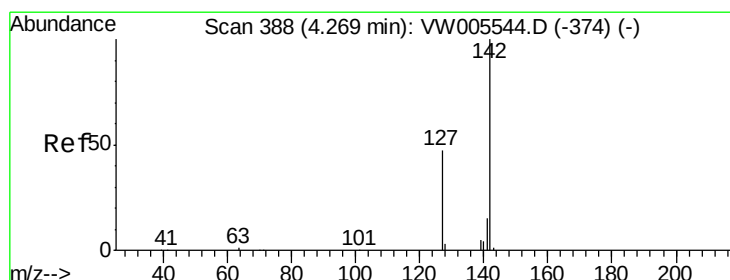
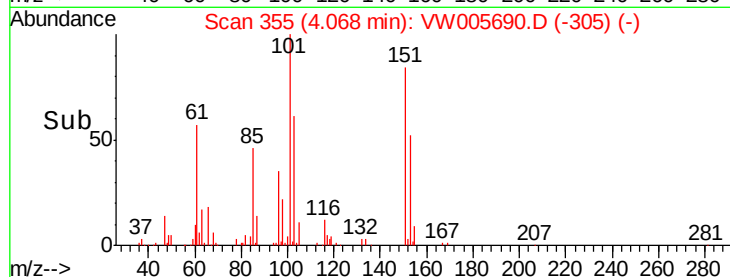
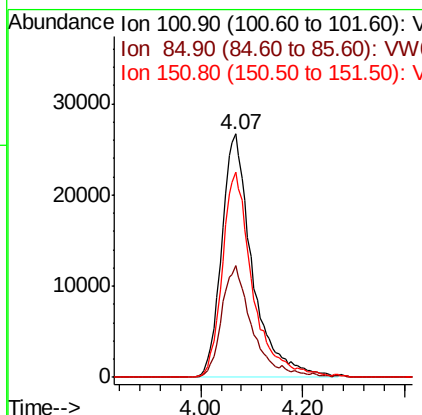
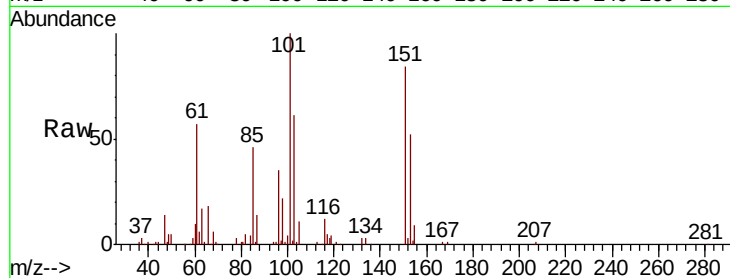
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	111664
Ion Ratio	Lower	Upper	
101	100		
85	45.5	36.4	54.6
151	82.9	65.8	98.6

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#10

Methyl Iodide

Concen: 49.027 ug/l

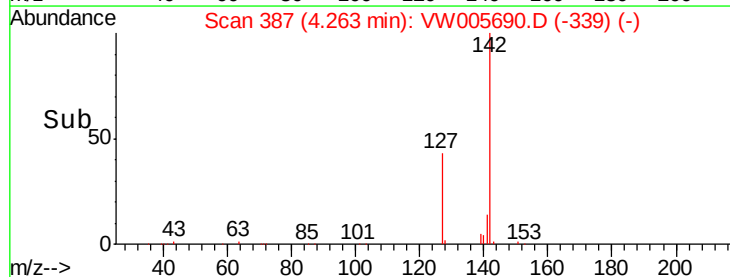
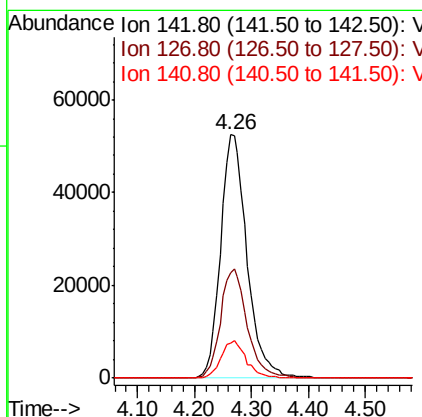
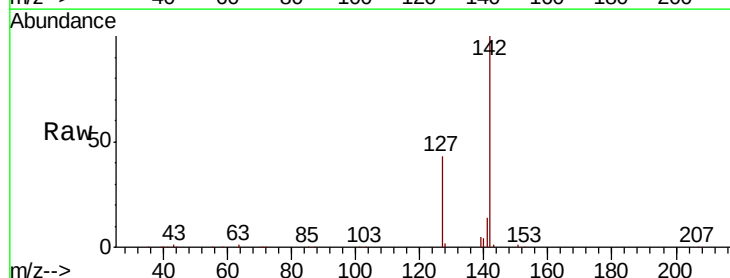
RT: 4.26 min Scan# 387

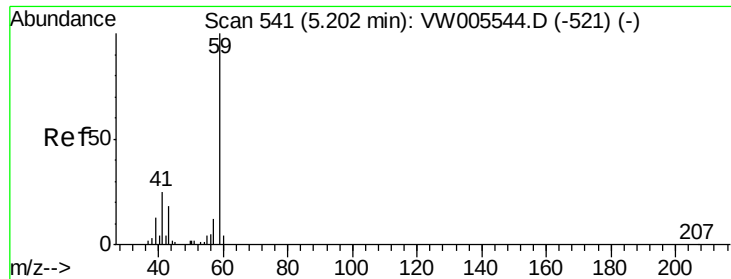
Delta R.T. -0.01 min

Lab File: VW005690.D

Acq: 27 Sep 2018 10:34

Tgt Ion:	142	Resp:	169051
Ion Ratio	Lower	Upper	
142	100		
127	45.4	37.4	56.0
141	14.8	11.9	17.9





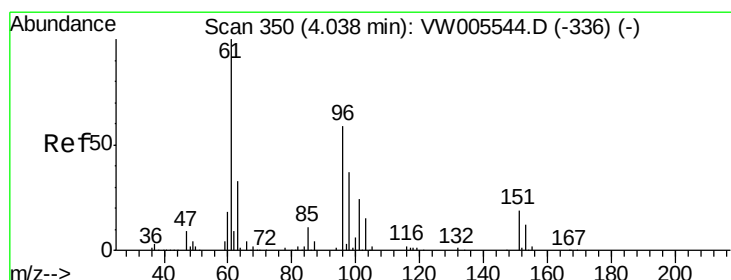
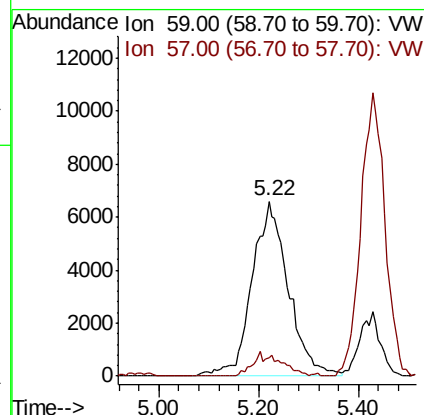
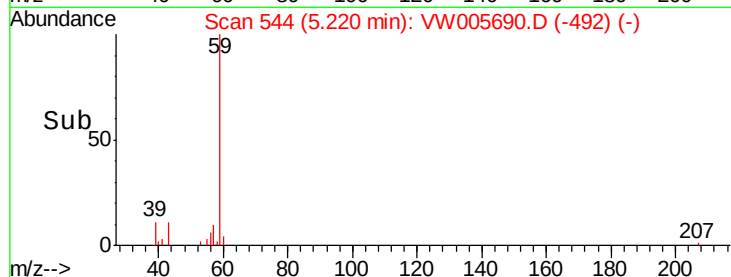
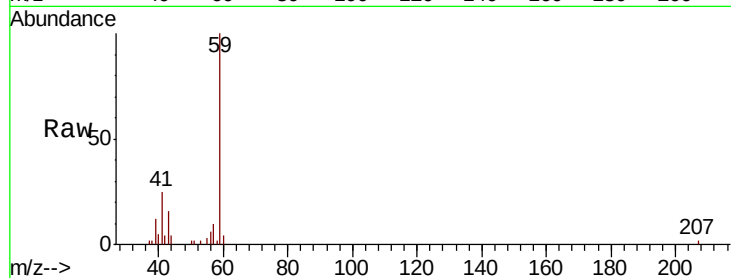
#11
Tert butyl alcohol
Concen: 230.915 ug/l
RT: 5.22 min Scan# 544
Delta R.T. 0.02 min
Lab File: VW005690.D
Acq: 27 Sep 2018 10:34

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	100		33130		
57	4.8		8.3	12.5	

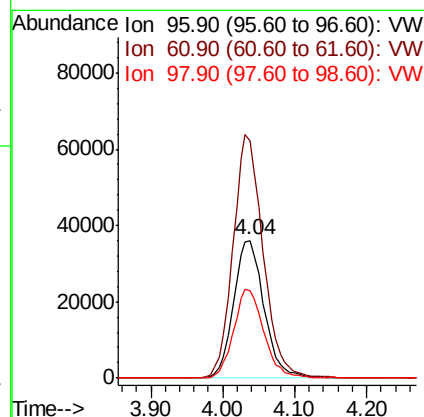
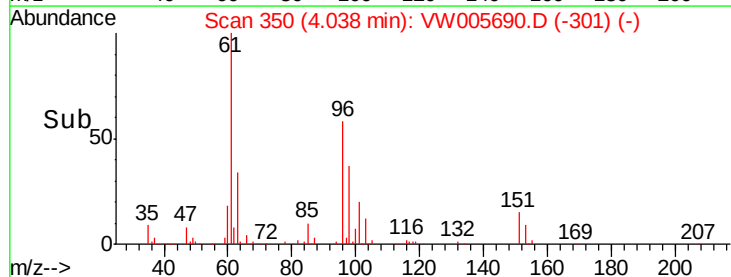
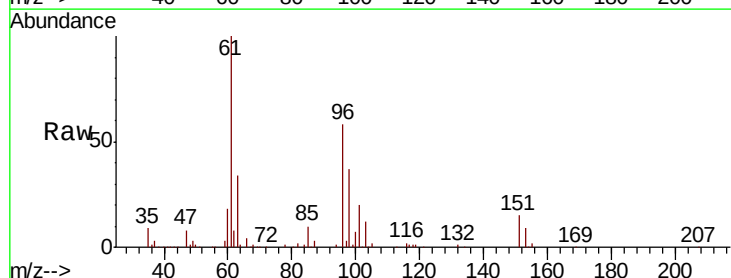
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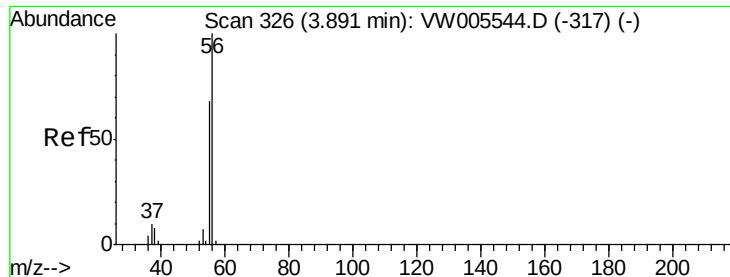
MMDadoda
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#12
1,1-Dichloroethene
Concen: 49.569 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.00 min
Lab File: VW005690.D
Acq: 27 Sep 2018 10:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	100		106402		
61	172.3		135.0	202.6	
98	64.1		50.6	76.0	





#13

Acrolein

Concen: 228.372 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW005690.D

Acq: 27 Sep 2018 10:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 22057

Ion Ratio Lower Upper

56 100

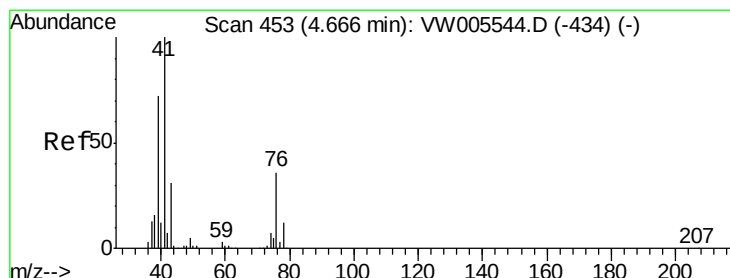
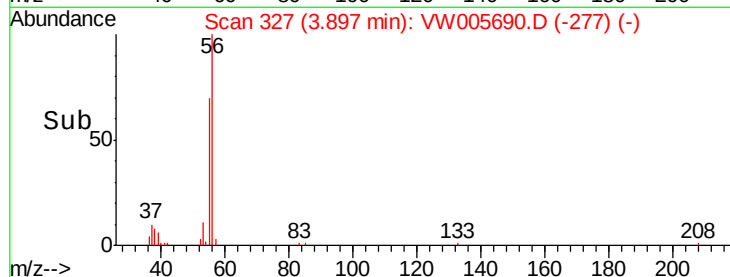
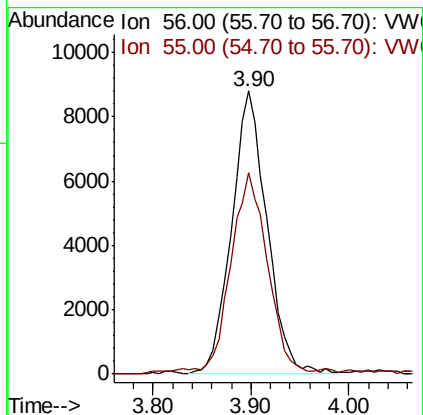
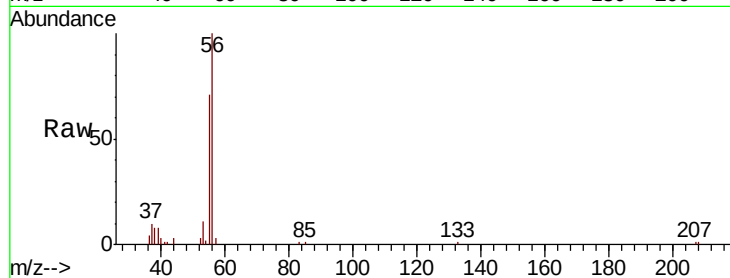
55 71.9 57.8 86.8

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#14

Allyl chloride

Concen: 48.889 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW005690.D

Acq: 27 Sep 2018 10:34

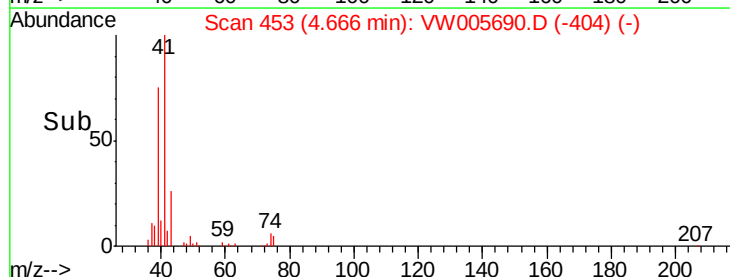
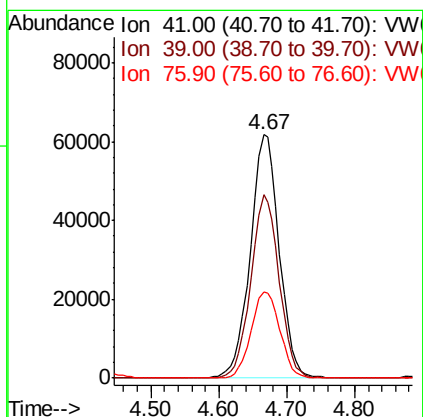
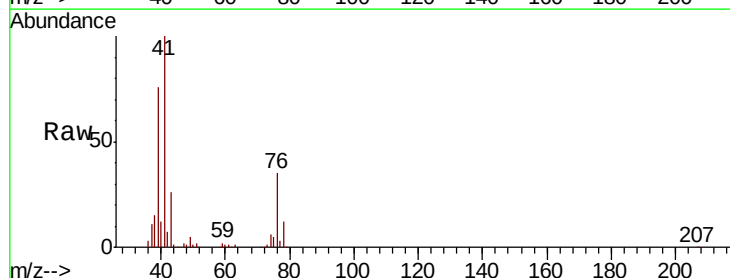
Tgt Ion: 41 Resp: 183142

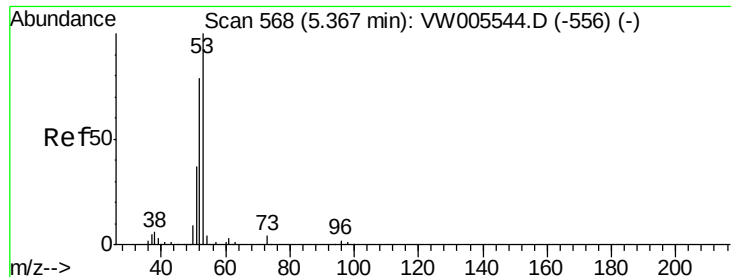
Ion Ratio Lower Upper

41 100

39 74.0 59.6 89.4

76 35.2 27.7 41.5





#15

Acrylonitrile

Concen: 218.675 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.01 min

Lab File: VW005690.D

Acq: 27 Sep 2018 10:34

Instrument :

MSVOA_W

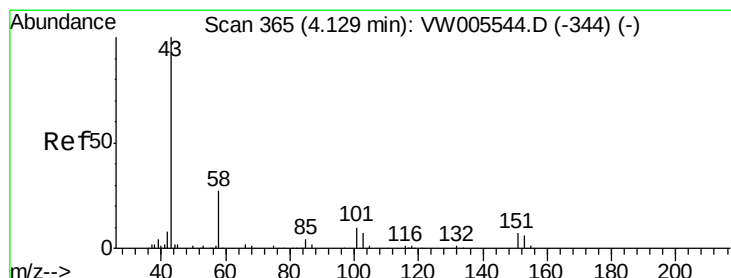
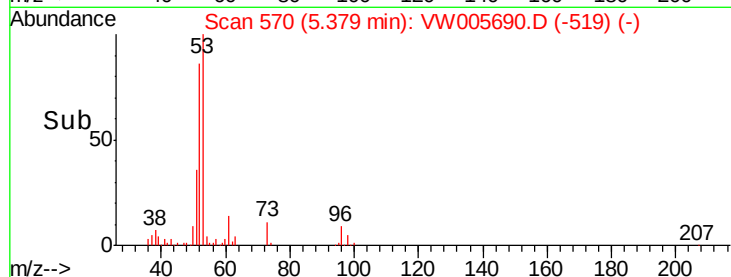
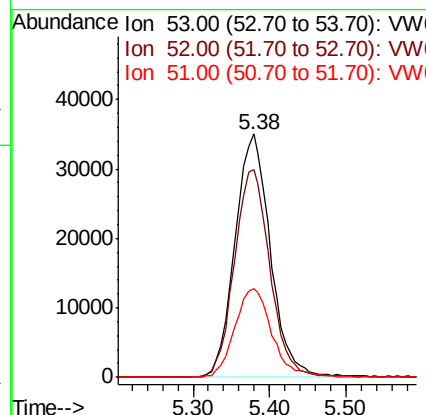
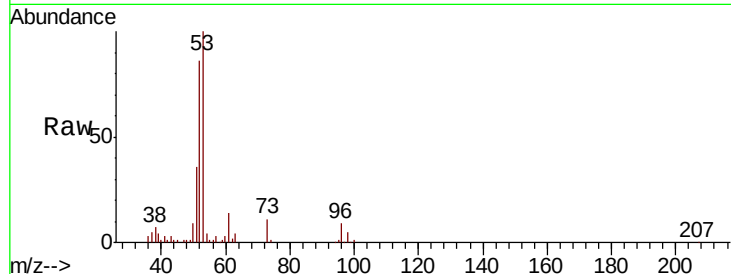
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	112336
Ion Ratio	Lower	Upper	
53	100		
52	85.8	66.5	99.7
51	38.6	30.6	46.0

Manual Integrations
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#16

Acetone

Concen: 286.968 ug/l

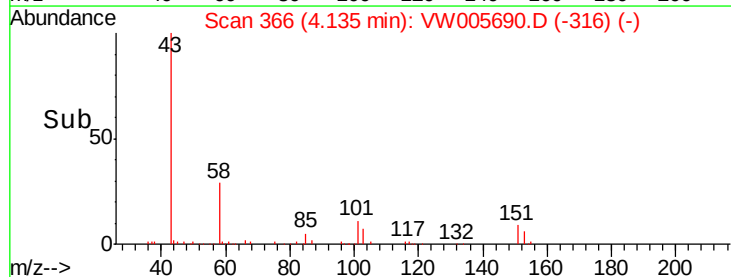
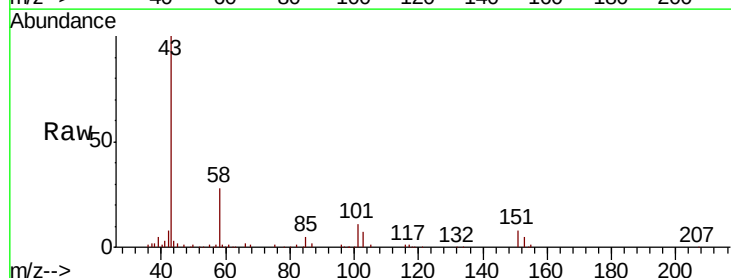
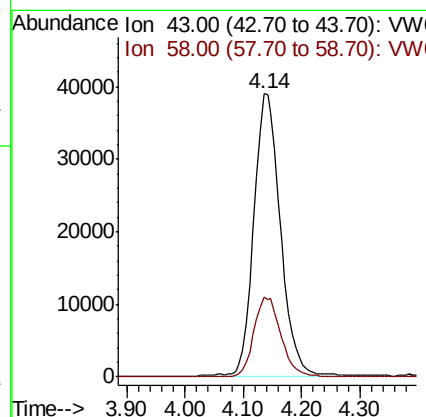
RT: 4.14 min Scan# 366

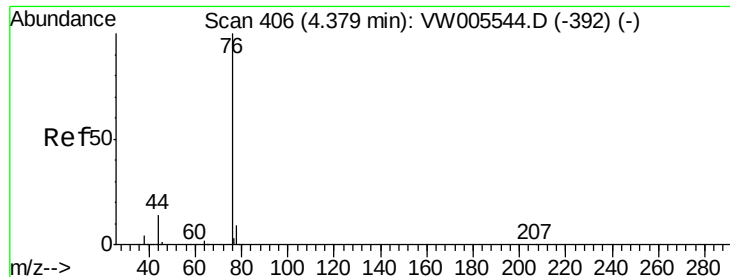
Delta R.T. 0.01 min

Lab File: VW005690.D

Acq: 27 Sep 2018 10:34

Tgt Ion:	43	Resp:	124652
Ion Ratio	Lower	Upper	
43	100		
58	28.1	21.8	32.8





#17

Carbon Disulfide

Concen: 47.042 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.00 min

Lab File: VW005690.D

Acq: 27 Sep 2018 10:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 315494

Ion Ratio Lower Upper

76 100

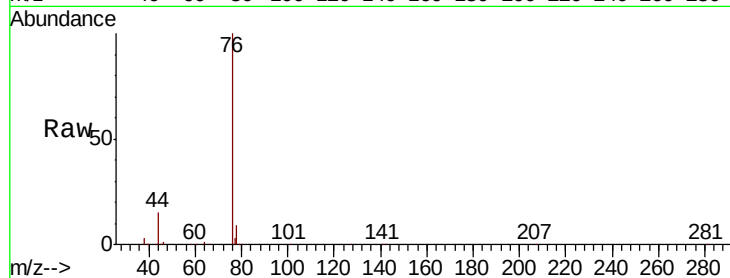
78 9.3 7.4 11.0

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.38

120000

100000

80000

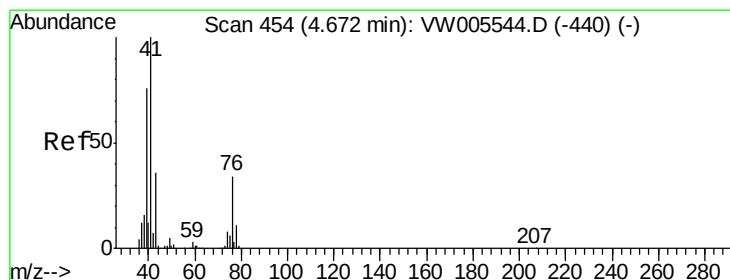
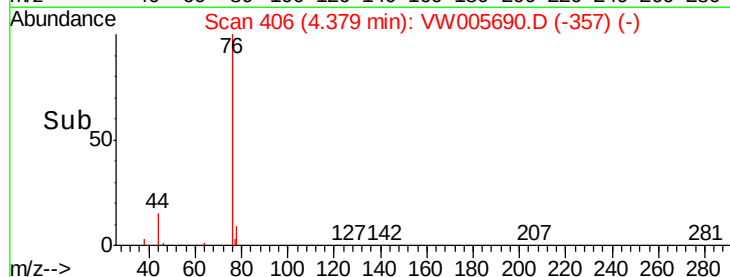
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 43.923 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW005690.D

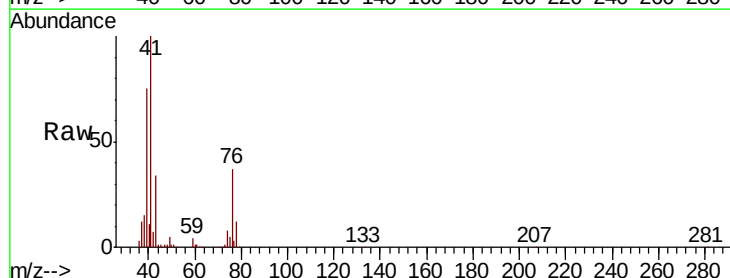
Acq: 27 Sep 2018 10:34

Tgt Ion: 43 Resp: 57801

Ion Ratio Lower Upper

43 100

74 23.7 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.68

20000

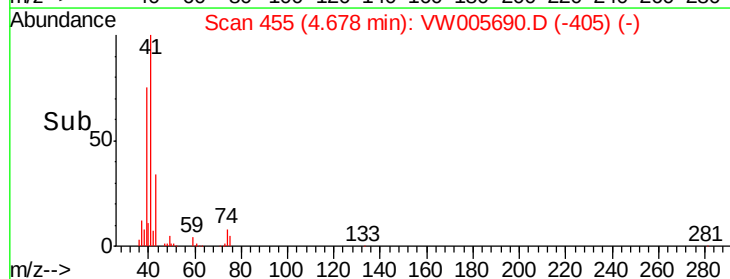
15000

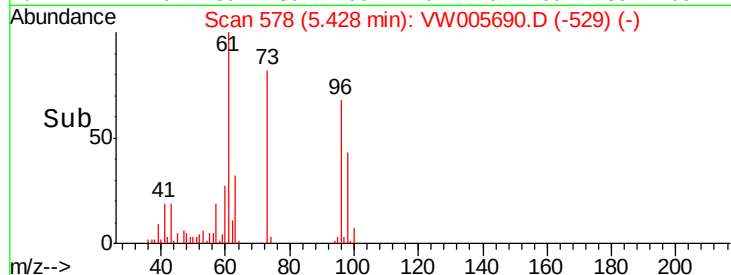
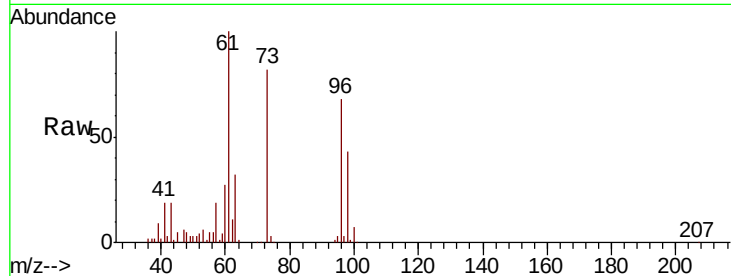
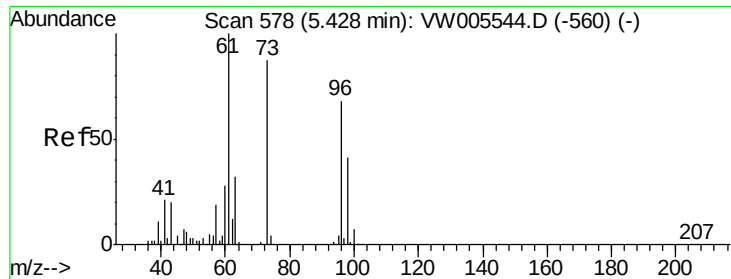
10000

5000

0

Time-->





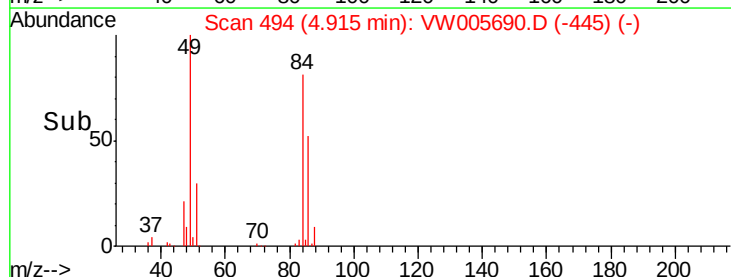
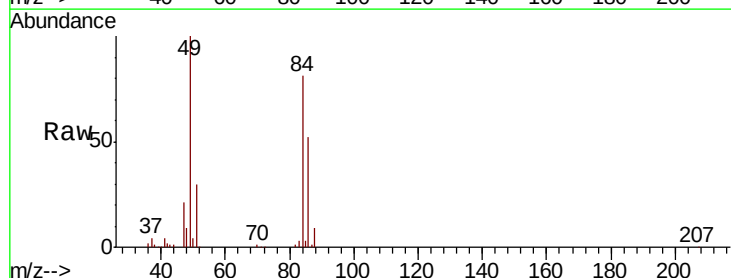
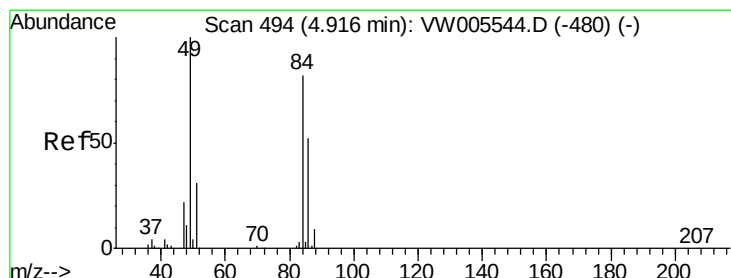
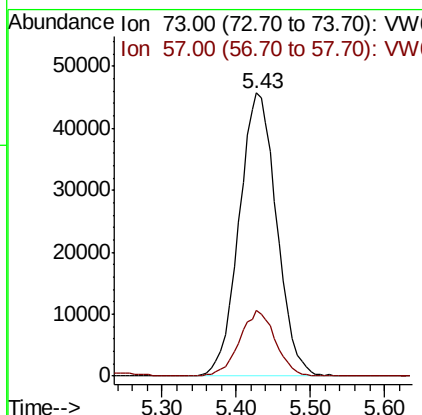
#19
Methyl tert-butyl Ether
Concen: 48.586 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW005690.D
Acq: 27 Sep 2018 10:34

Tot Ion: 73 Resp: 160974
Ion Ratio Lower Upper
73 100
57 23.4 17.6 26.4

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

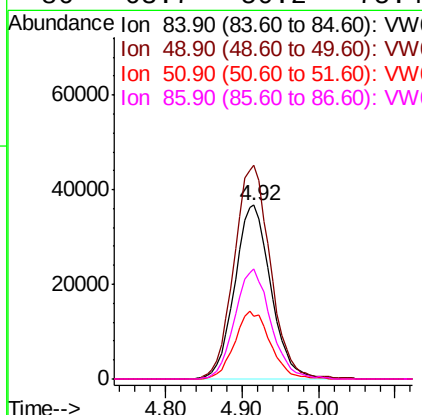
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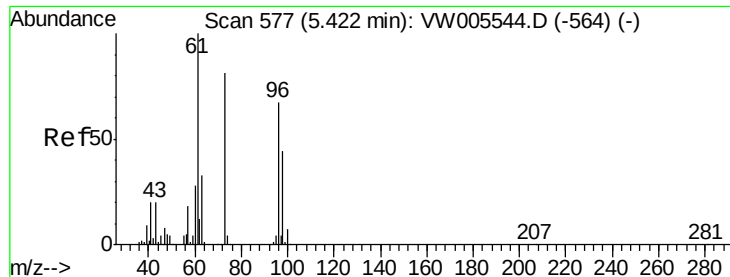
MMDadoda
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#20
Methylene Chloride
Concen: 51.893 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW005690.D
Acq: 27 Sep 2018 10:34

Tgt Ion: 84 Resp: 120341
Ion Ratio Lower Upper
84 100
49 123.1 97.0 145.6
51 36.4 30.2 45.2
86 63.7 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 49.264 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW005690.D

Acq: 27 Sep 2018 10:34

Instrument :

MSVOA_W

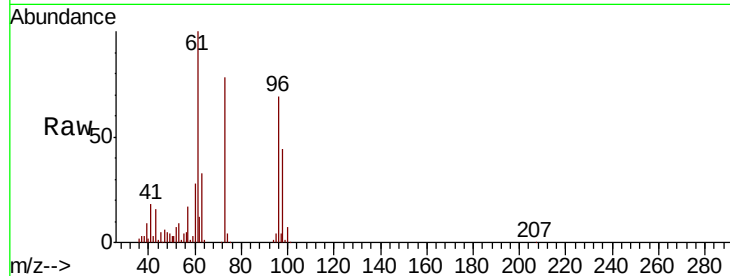
ClientSampleId :

VSTDCCC050

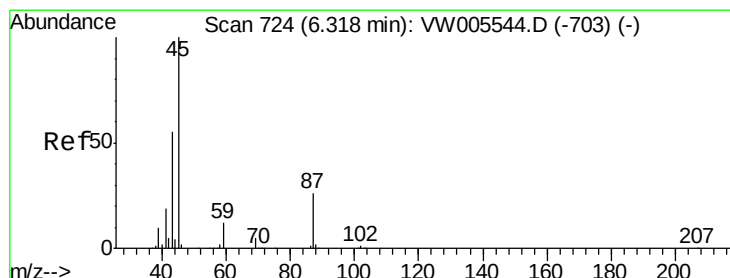
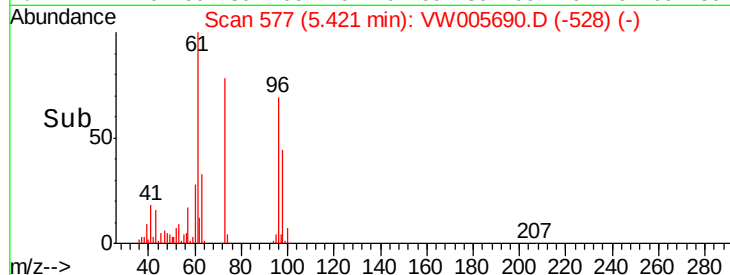
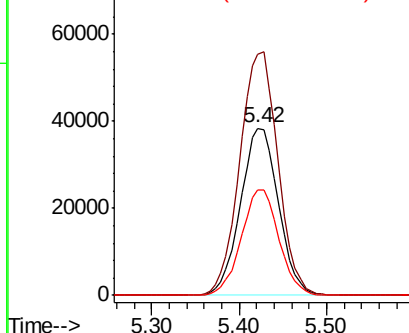
Tot Ion:	96	Resp:	115822
Ion	Ratio	Lower	Upper
96	100		
61	144.4	118.9	178.3
98	63.3	52.1	78.1

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Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 50.214 ug/l

RT: 6.32 min Scan# 724

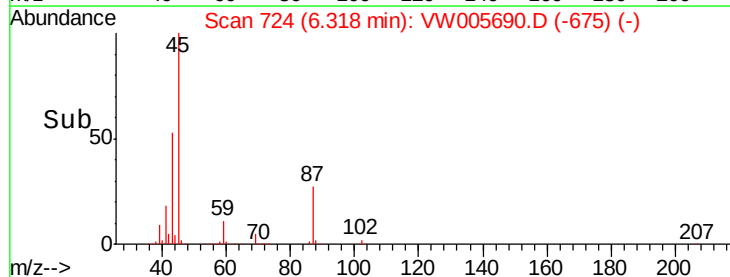
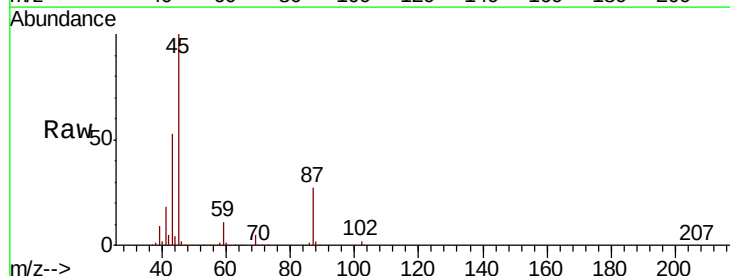
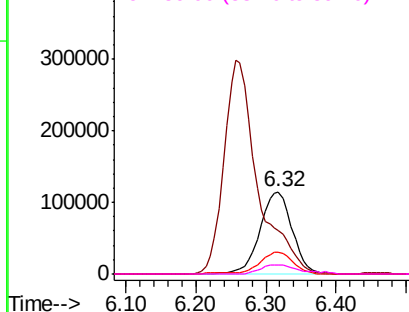
Delta R.T. -0.00 min

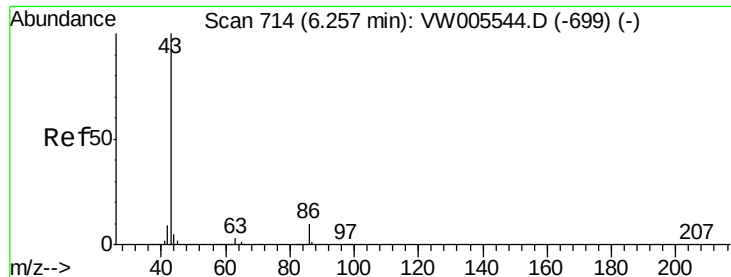
Lab File: VW005690.D

Acq: 27 Sep 2018 10:34

Tgt Ion:	45	Resp:	365163
Ion	Ratio	Lower	Upper
45	100		
43	53.3	44.2	66.4
87	26.6	21.4	32.2
59	11.1	9.3	13.9

Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 240.669 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW005690.D

Acq: 27 Sep 2018 10:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1000347

Ion Ratio Lower Upper

43 100

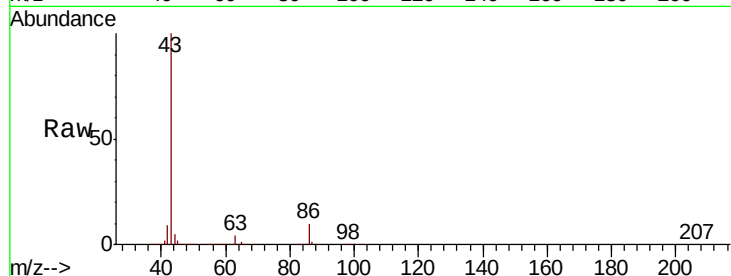
86 9.6 7.7 11.5

Manual Integrations

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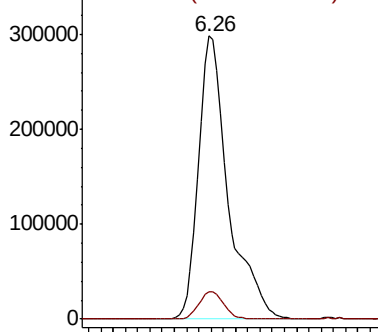
MMDadoda

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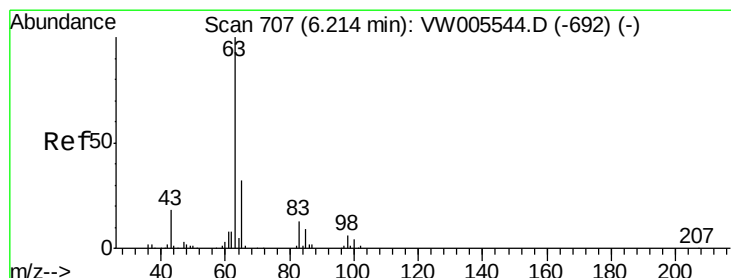
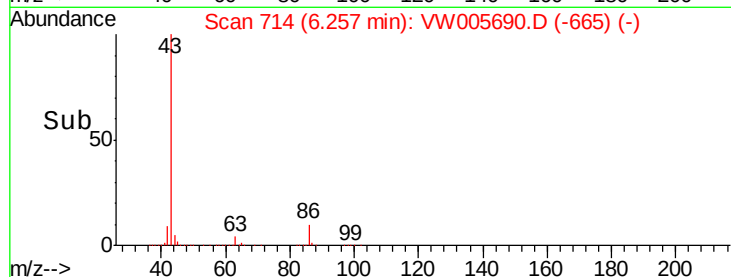


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



Time-->



#24

1,1-Dichloroethane

Concen: 49.166 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW005690.D

Acq: 27 Sep 2018 10:34

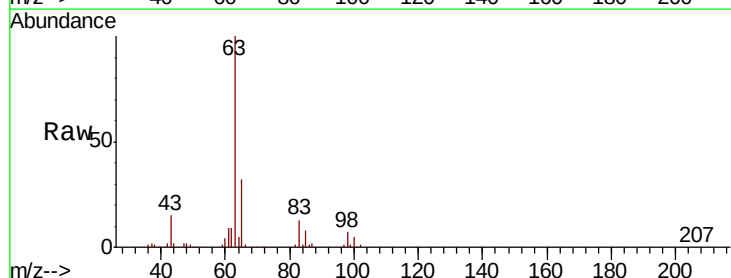
Tgt Ion: 63 Resp: 220901

Ion Ratio Lower Upper

63 100

98 6.5 2.9 8.8

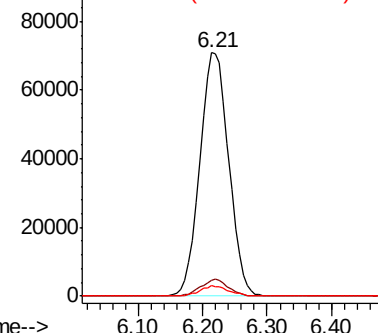
100 4.5 2.1 6.2



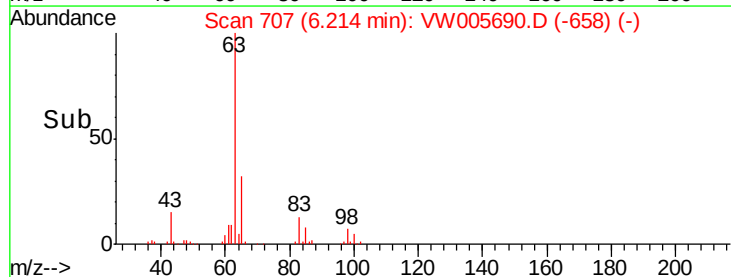
Abundance Ion 62.90 (62.60 to 63.60): VW

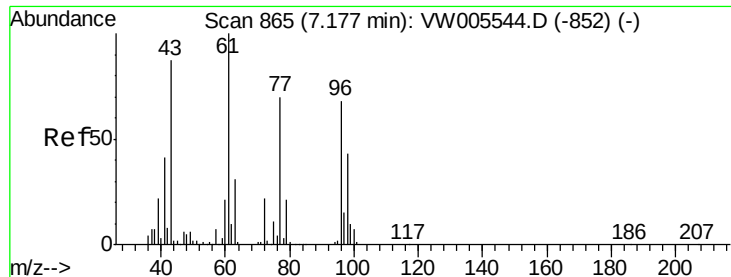
Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW



Time-->





#25

2-Butanone

Concen: 225.569 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW005690.D

Acq: 27 Sep 2018 10:34

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 152115

Ion Ratio Lower Upper

43 100

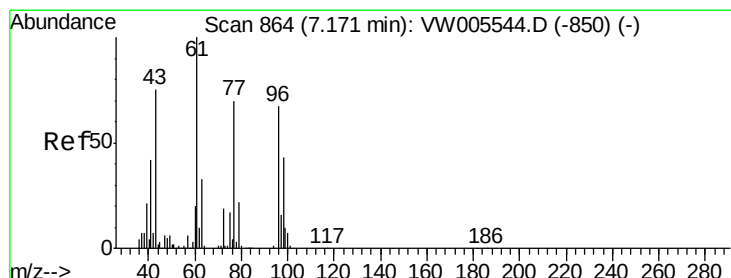
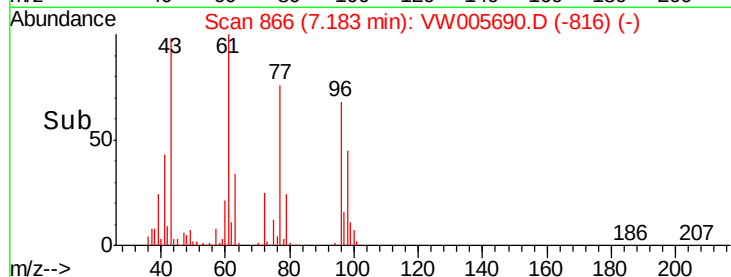
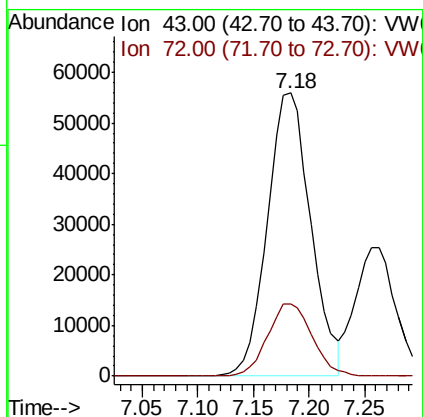
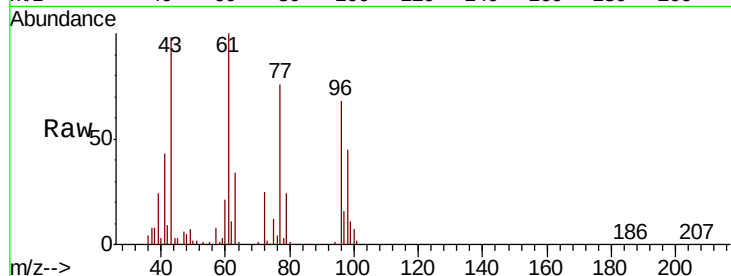
72 25.5 19.9 29.9

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#26

2,2-Dichloropropane

Concen: 50.173 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW005690.D

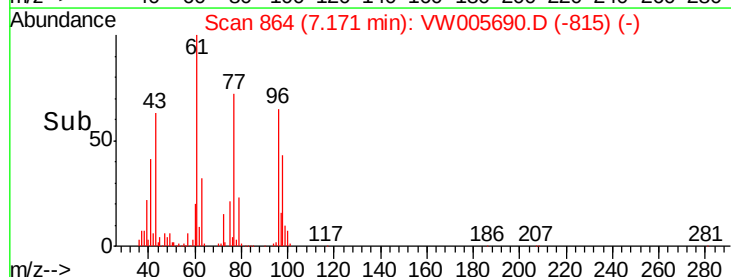
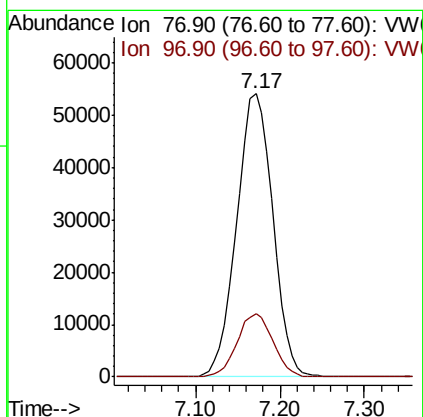
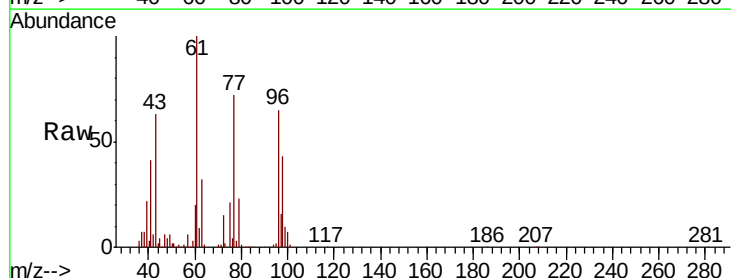
Acq: 27 Sep 2018 10:34

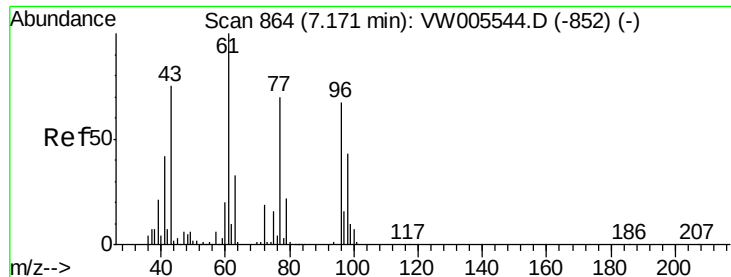
Tgt Ion: 77 Resp: 157378

Ion Ratio Lower Upper

77 100

97 22.0 11.0 33.0





#27

cis-1,2-Dichloroethene

Concen: 49.760 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW005690.D

Acq: 27 Sep 2018 10:34

Instrument :

MSVOA_W

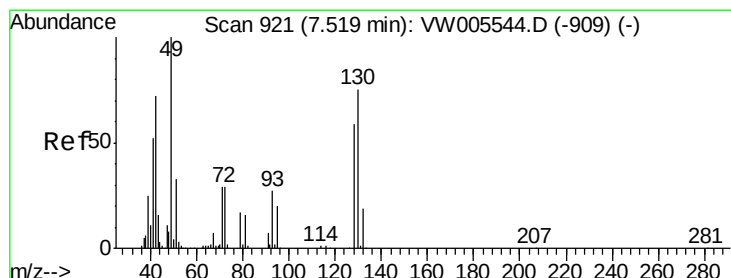
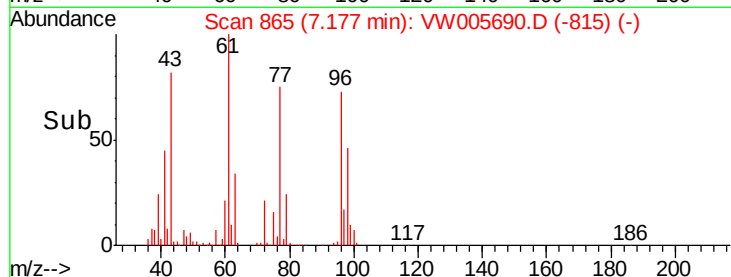
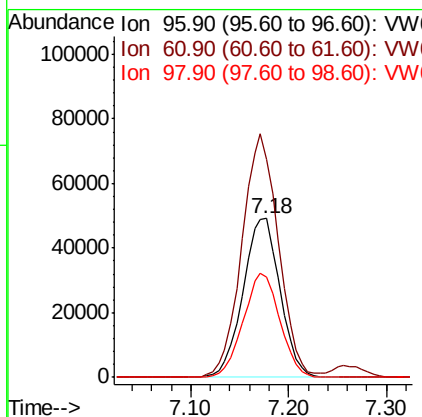
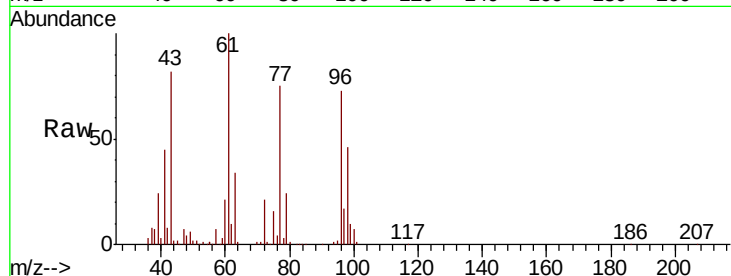
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	129036
Ion Ratio	Lower	Upper	
96	100		
61	151.2	0.0	303.4
98	65.0	0.0	127.2

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#28

Bromochloromethane

Concen: 45.845 ug/l

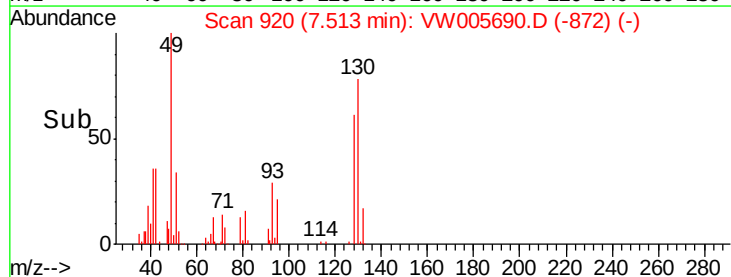
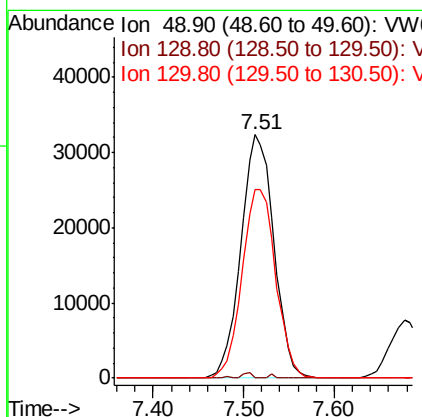
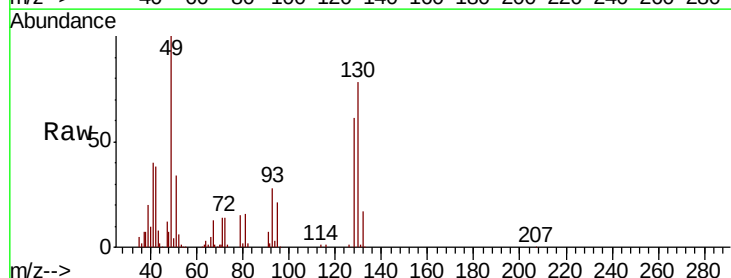
RT: 7.51 min Scan# 920

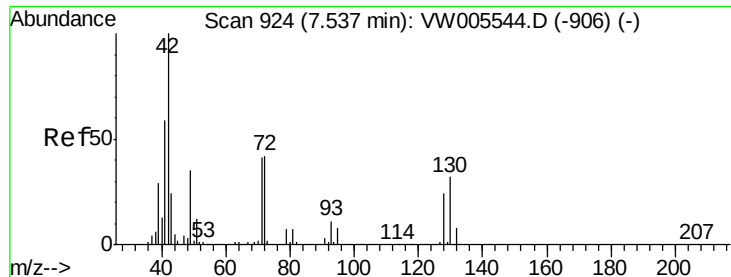
Delta R.T. -0.01 min

Lab File: VW005690.D

Acq: 27 Sep 2018 10:34

Tgt Ion:	49	Resp:	81591
Ion Ratio	Lower	Upper	
49	100		
129	0.7	0.0	1.4
130	79.1	61.3	91.9





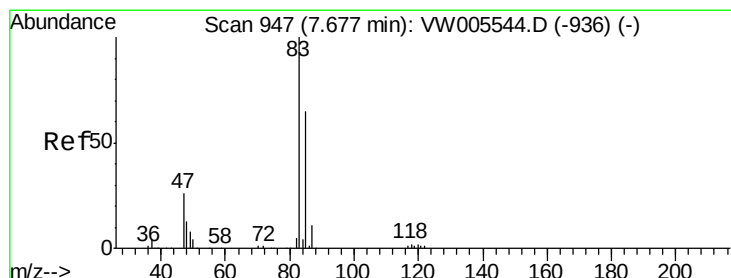
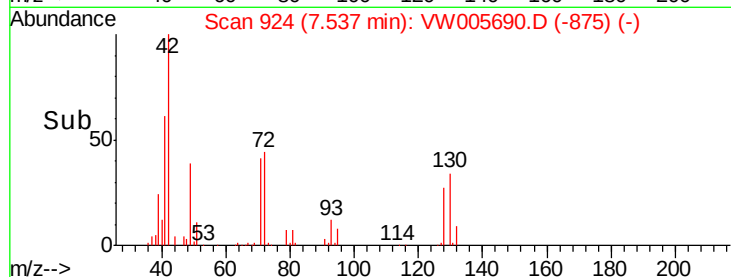
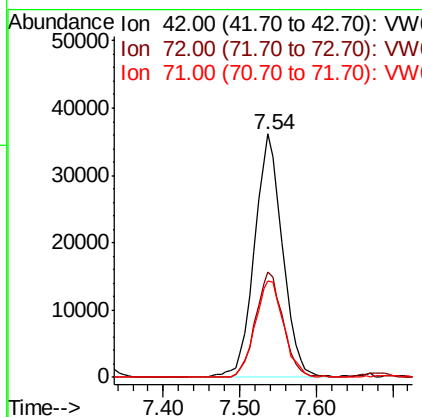
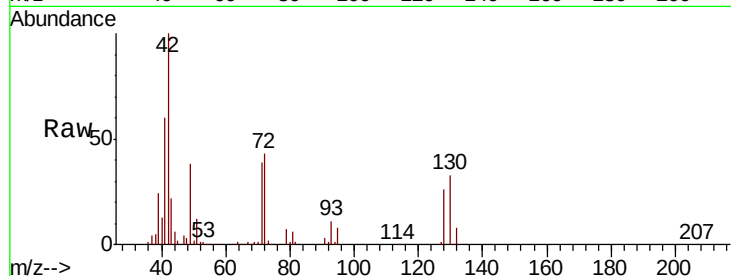
#29
Tetrahydrofuran
Concen: 220.018 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW005690.D
Acq: 27 Sep 2018 10:34

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:	42	Resp:	92693
Ion	Ratio	Lower	Upper
42	100		
72	42.5	33.6	50.4
71	40.5	31.8	47.6

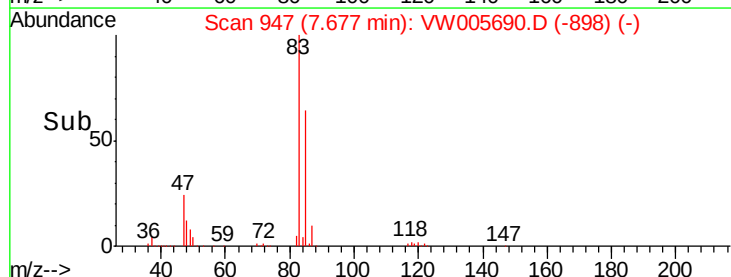
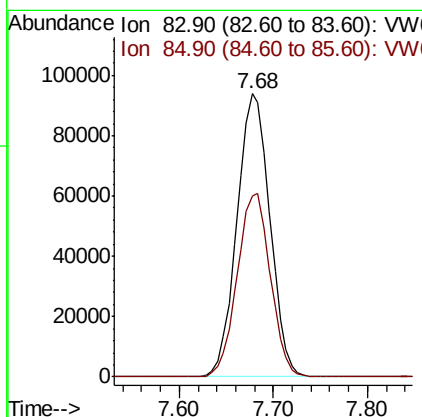
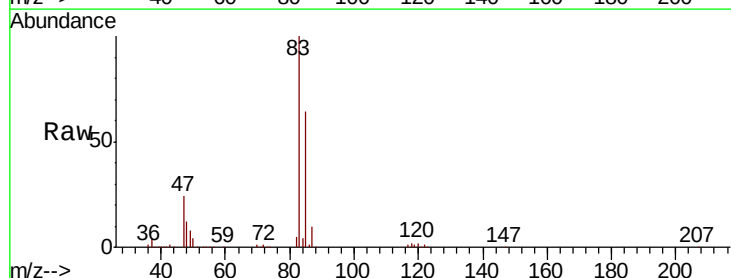
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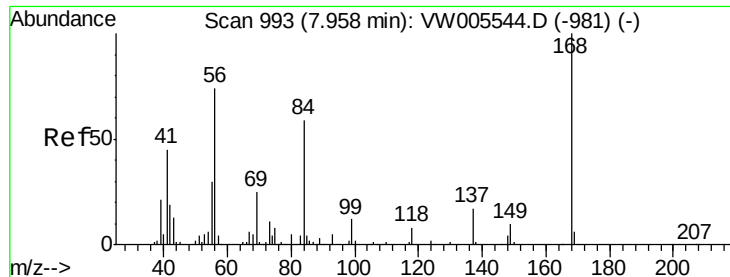
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#30
Chloroform
Concen: 49.277 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW005690.D
Acq: 27 Sep 2018 10:34

Tgt Ion:	83	Resp:	228574
Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.8	77.6





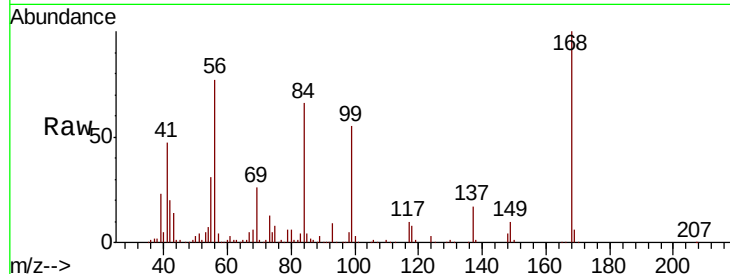
#31
Cyclohexane
Concen: 47.111 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW005690.D
Acq: 27 Sep 2018 10:34

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.7	27.0	40.4
84	85.0	64.2	96.4

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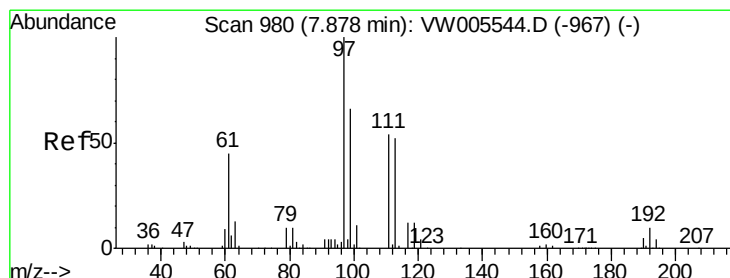
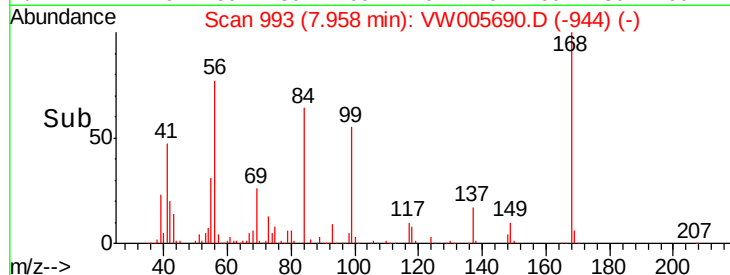
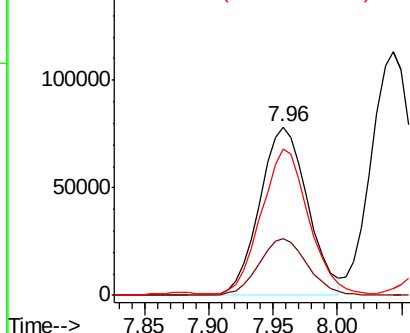


Abundance

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: 50.043 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW005690.D
Acq: 27 Sep 2018 10:34

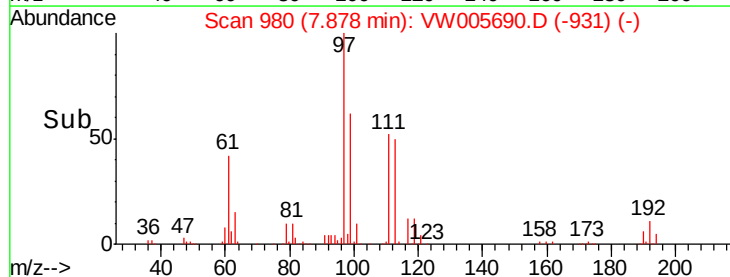
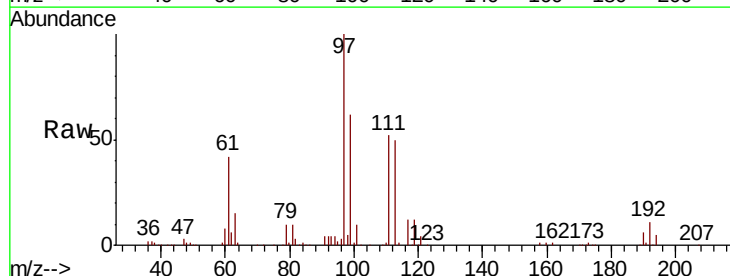
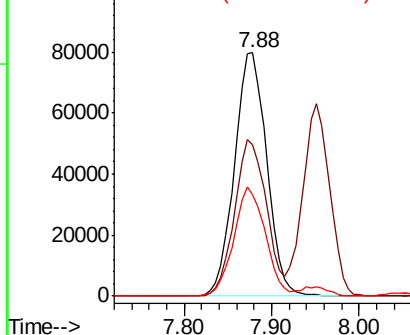
Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.0	76.6
61	43.5	36.2	54.2

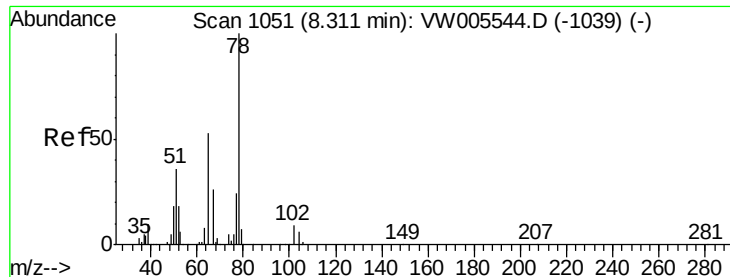
Abundance

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





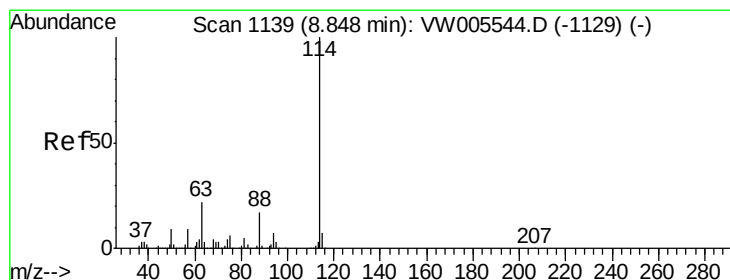
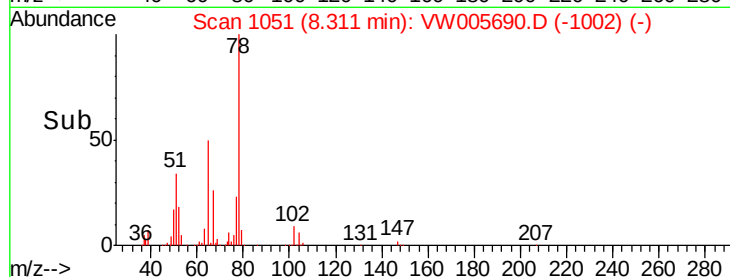
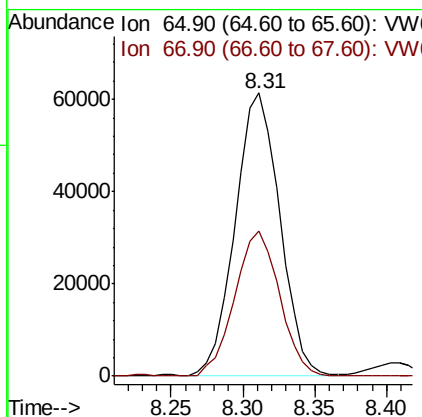
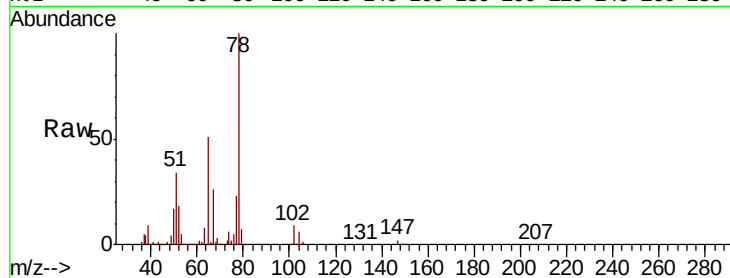
#33
 1,2-Dichloroethane-d4
 Concen: 47.725 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005690.D
 Acq: 27 Sep 2018 10:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	132512		
67	51.3	0.0	100.6	

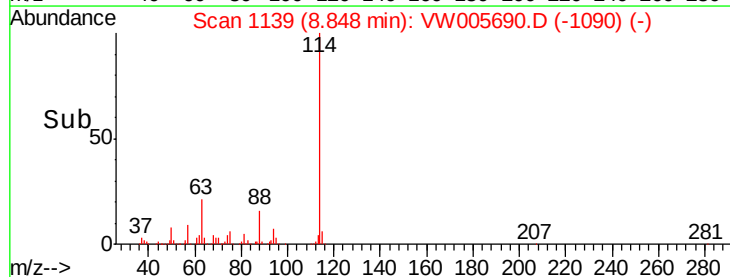
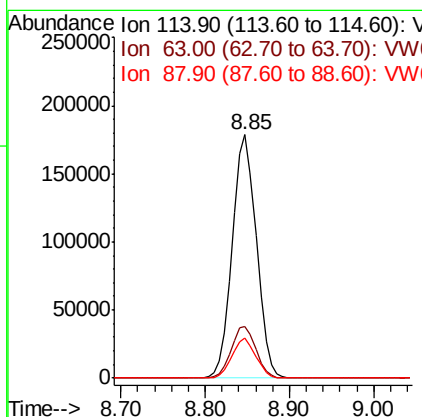
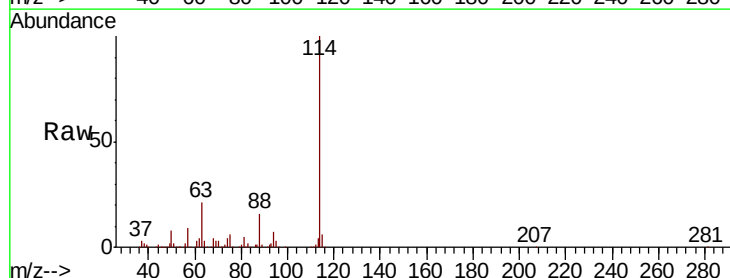
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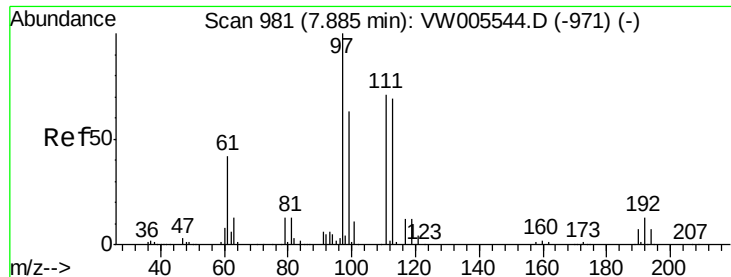
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005690.D
 Acq: 27 Sep 2018 10:34

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	344942		
63	21.2	0.0	43.0	
88	16.3	0.0	33.0	





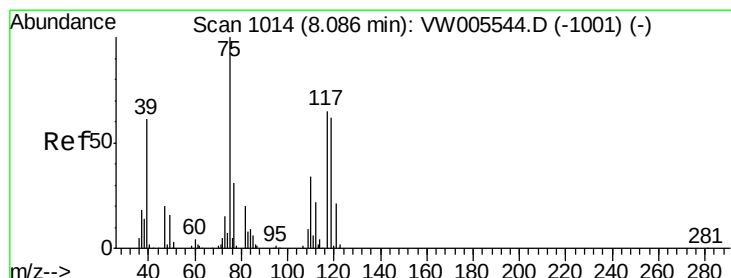
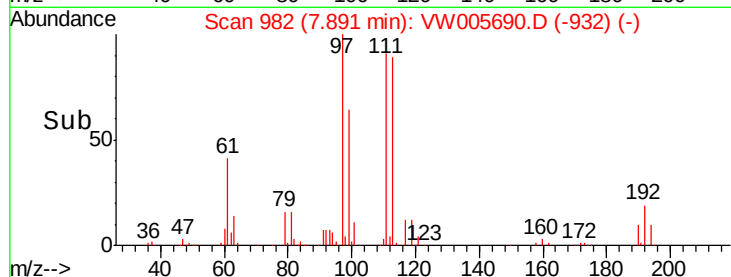
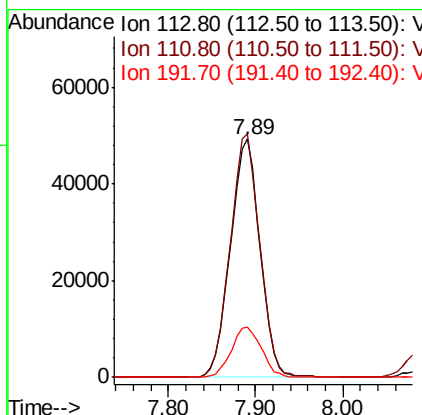
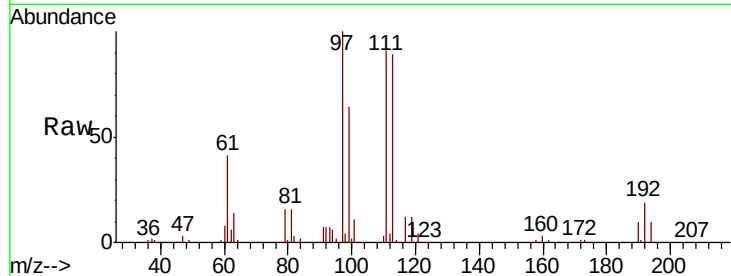
#35
 Dibromofluoromethane
 Concen: 53.367 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW005690.D
 Acq: 27 Sep 2018 10:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	115765		
111	102.2	82.6	123.8	
192	21.6	17.0	25.4	

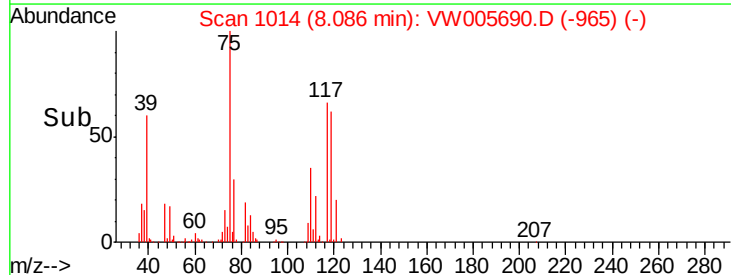
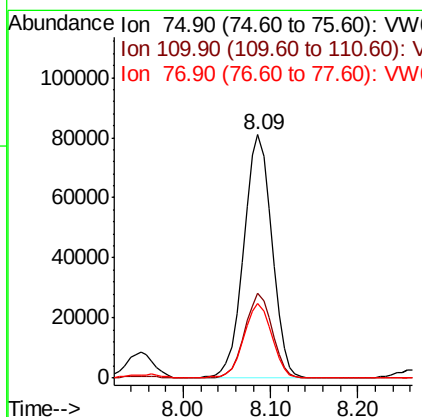
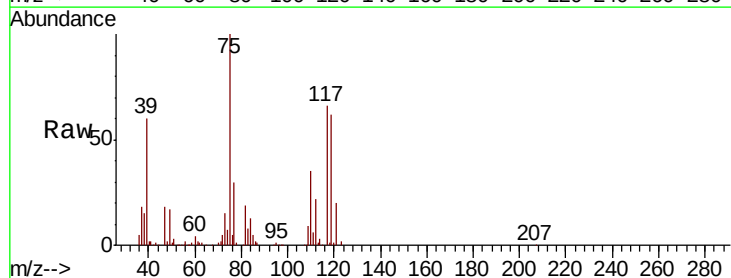
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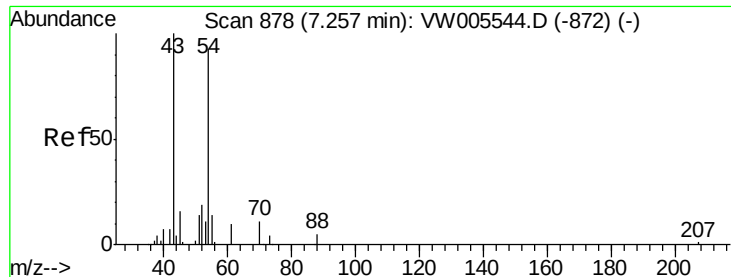
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#36
 1,1-Dichloropropene
 Concen: 52.367 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW005690.D
 Acq: 27 Sep 2018 10:34

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	181838		
110	33.9	17.0	50.9	
77	30.8	24.8	37.2	





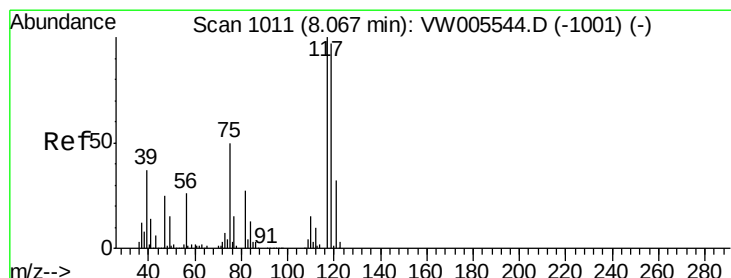
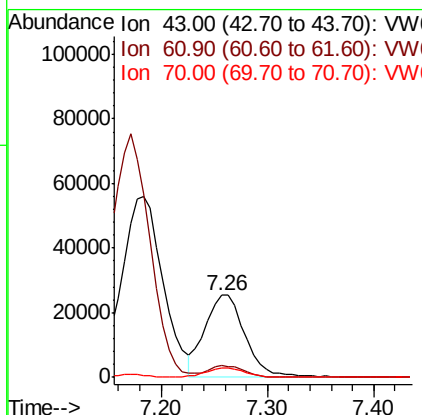
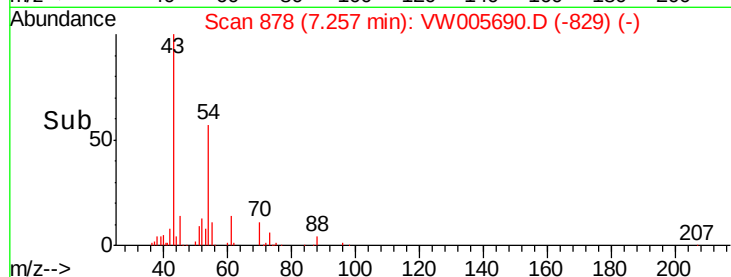
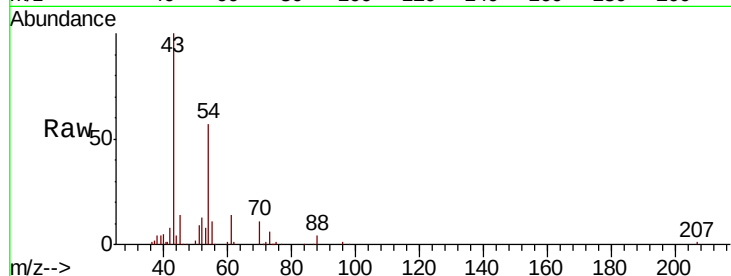
#37
Ethyl Acetate
Concen: 45.203 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW005690.D
Acq: 27 Sep 2018 10:34

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:	43	Resp:	66054
Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.4	15.6
70	10.9	8.2	12.2

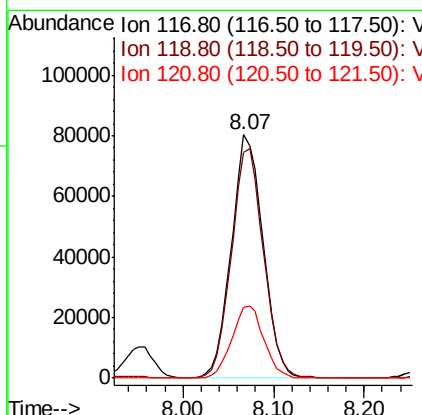
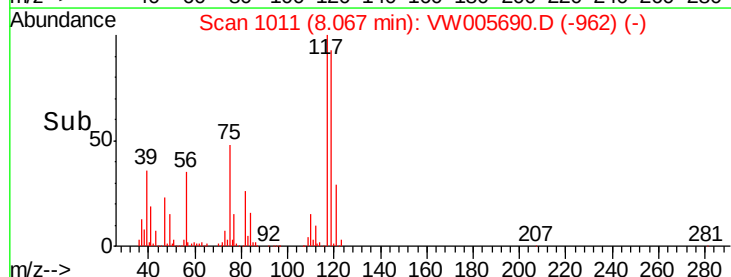
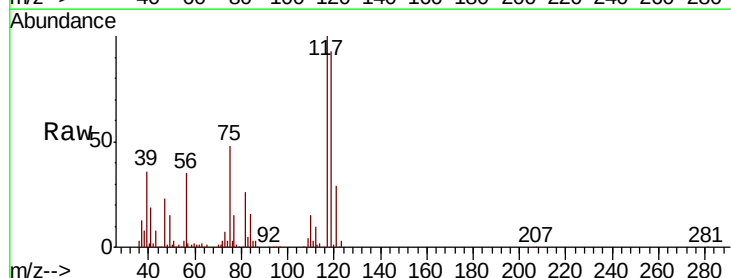
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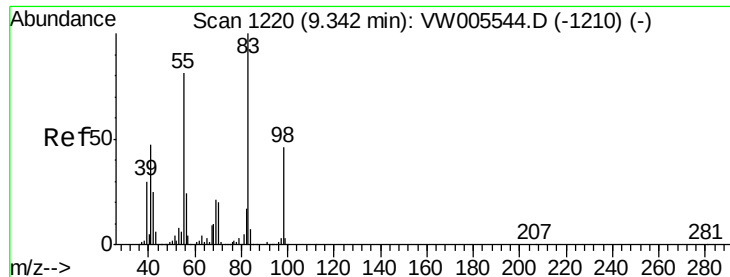
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#38
Carbon Tetrachloride
Concen: 52.465 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW005690.D
Acq: 27 Sep 2018 10:34

Tgt Ion:	117	Resp:	195220
Ion	Ratio	Lower	Upper
117	100		
119	92.9	77.6	116.4
121	29.1	25.7	38.5





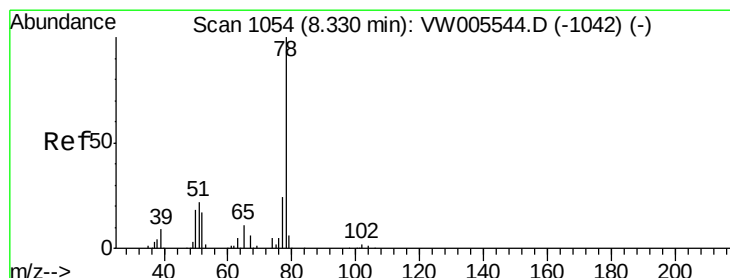
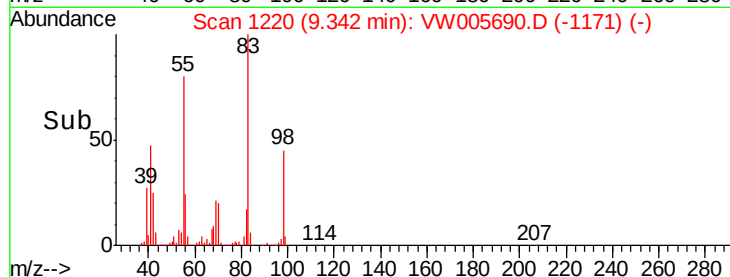
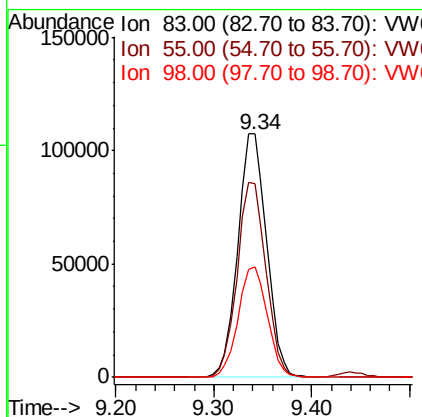
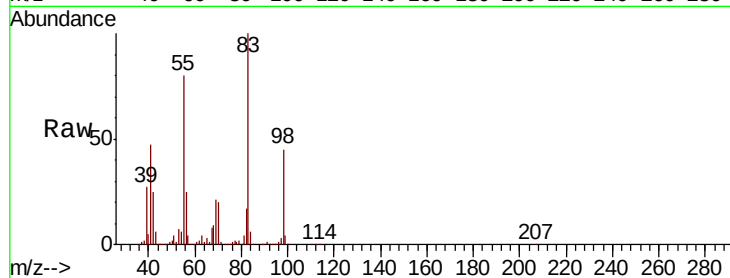
#39
Methylvlcyclohexane
Concen: 53.699 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW005690.D
Acq: 27 Sep 2018 10:34

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	219993		
55	79.6		64.6	97.0
98	45.2		37.0	55.6

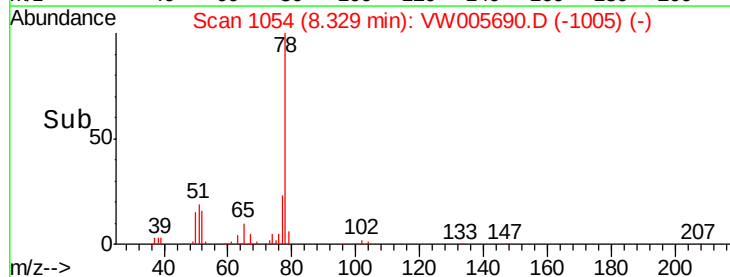
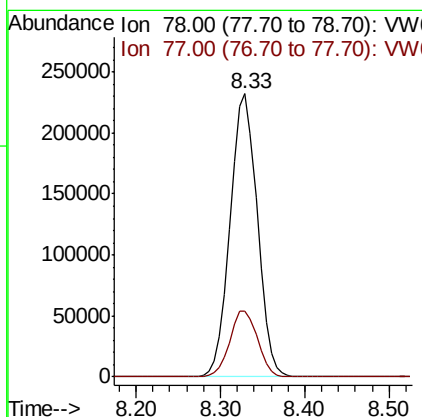
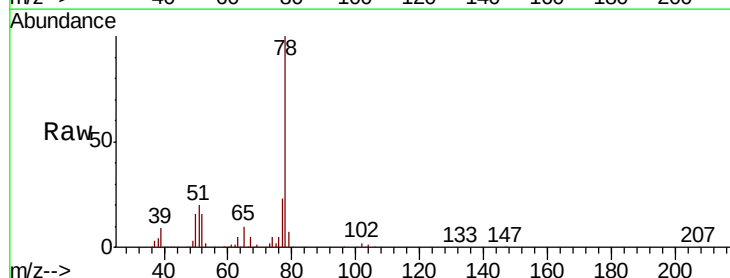
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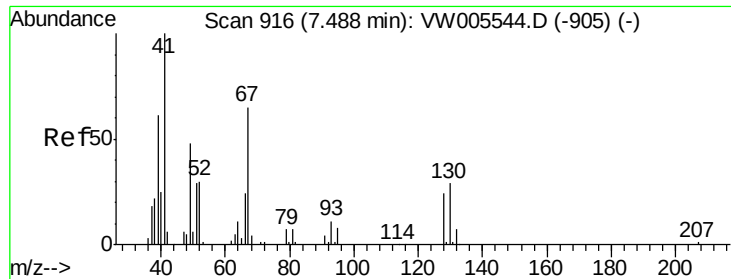
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#40
Benzene
Concen: 51.525 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW005690.D
Acq: 27 Sep 2018 10:34

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	506933		
77	23.2		19.0	28.4





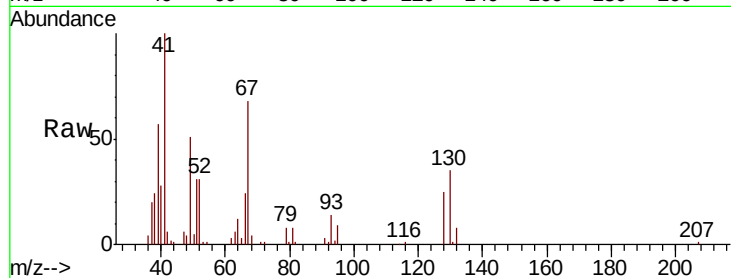
#41
Methacrylonitrile
Concen: 52.832 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW005690.D
Acq: 27 Sep 2018 10:34

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

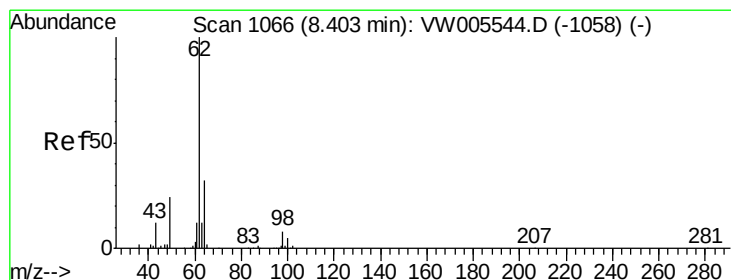
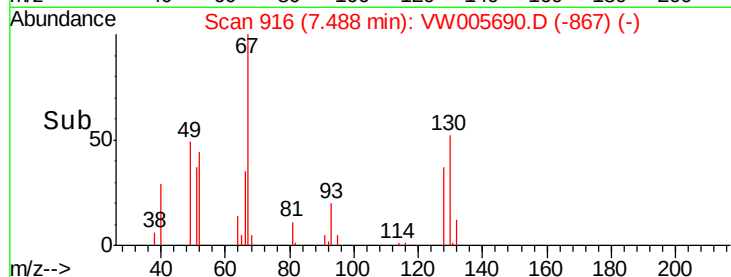
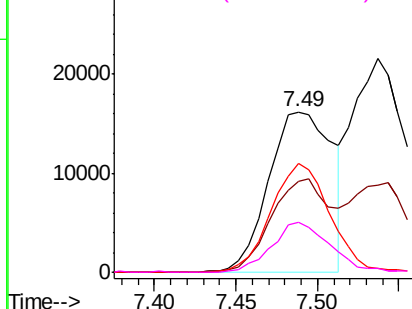
Tot Ion	41	Resp	43932
Ion Ratio	Lower	Upper	
41	100		
39	54.2	45.4	68.2
67	62.5	55.2	82.8
52	28.7	25.3	37.9

Manual Integrations
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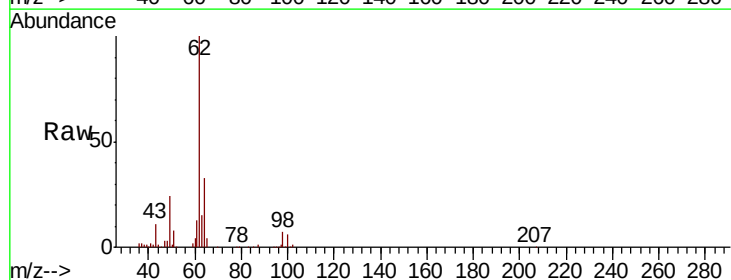


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

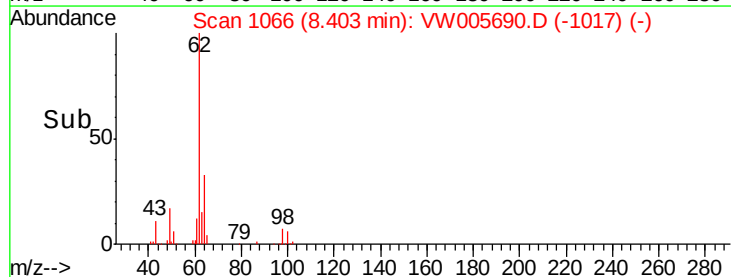
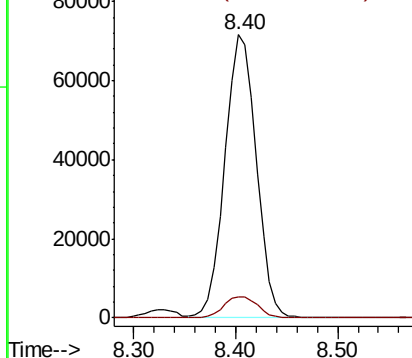


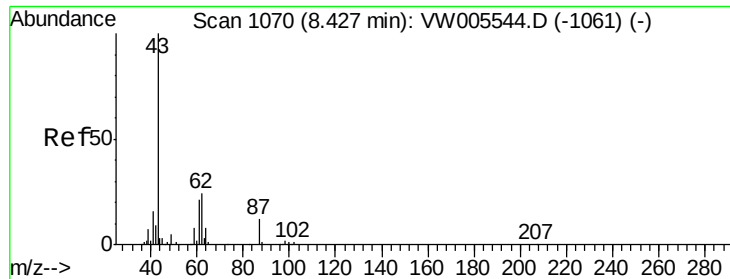
#42
1,2-Dichloroethane
Concen: 48.489 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW005690.D
Acq: 27 Sep 2018 10:34

Tgt Ion	62	Resp	152737
Ion Ratio	Lower	Upper	
62	100		
98	8.0	0.0	15.6



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 45.647 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW005690.D

Acq: 27 Sep 2018 10:34

Instrument :

MSVOA_W

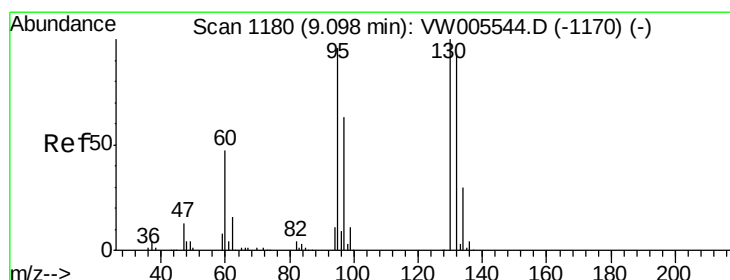
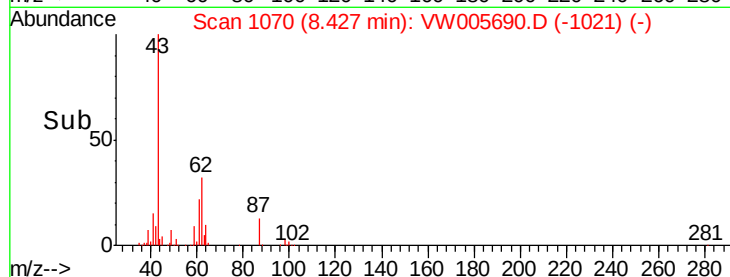
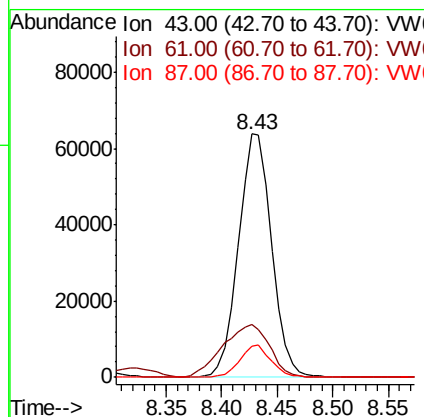
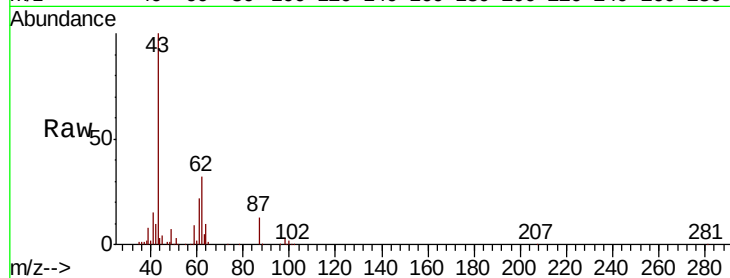
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	131144
Ion	Ratio	Lower	Upper
43	100		
61	30.4	24.1	36.1
87	12.6	9.8	14.8

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#44

Trichloroethene

Concen: 52.017 ug/l

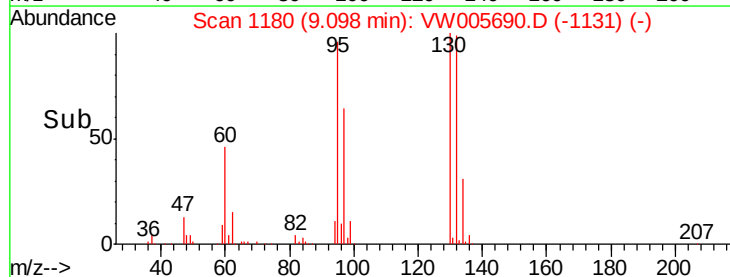
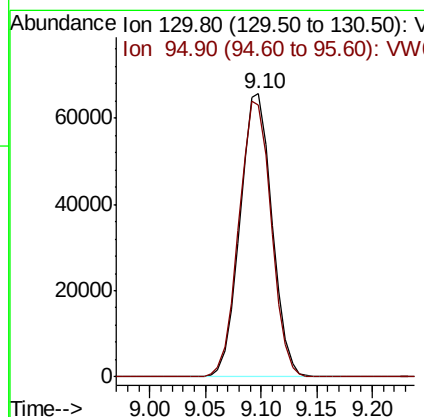
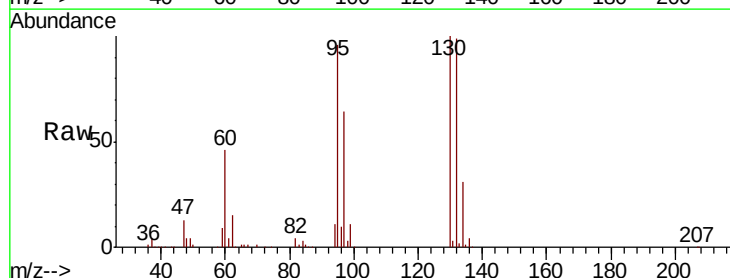
RT: 9.10 min Scan# 1180

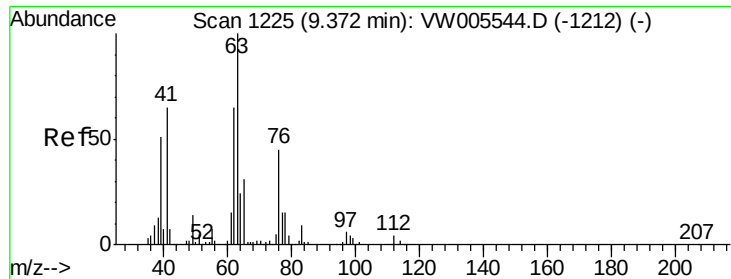
Delta R.T. -0.00 min

Lab File: VW005690.D

Acq: 27 Sep 2018 10:34

Tgt Ion:	130	Resp:	130996
Ion	Ratio	Lower	Upper
130	100		
95	96.1	0.0	191.2





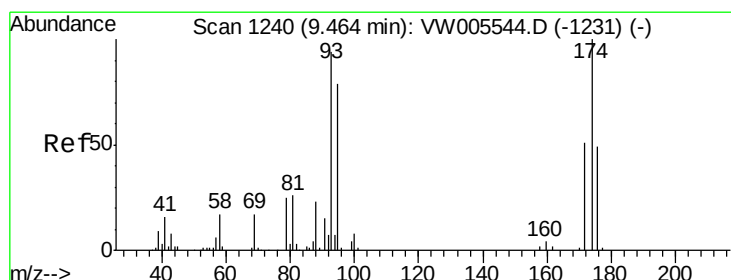
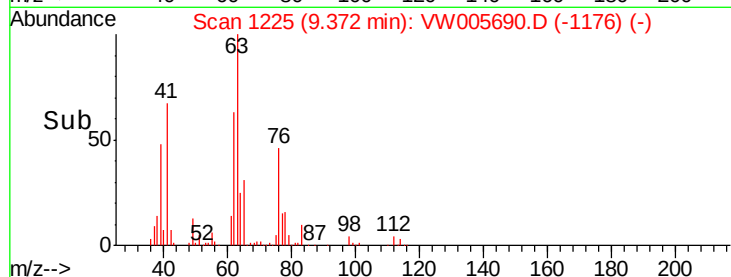
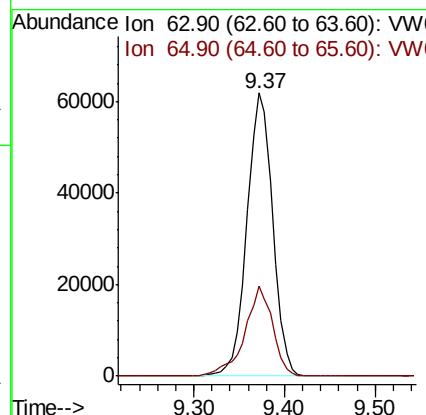
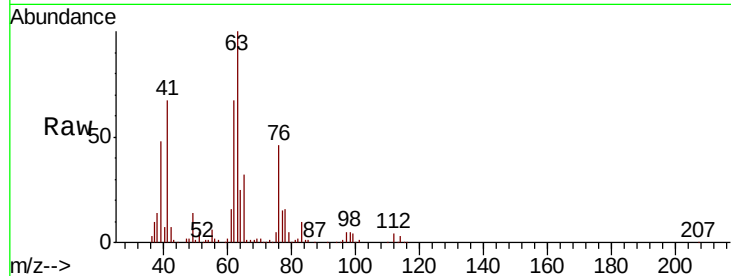
#45
 1,2-Dichloropropane
 Concen: 50.345 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW005690.D
 Acq: 27 Sep 2018 10:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.7	24.7	37.1

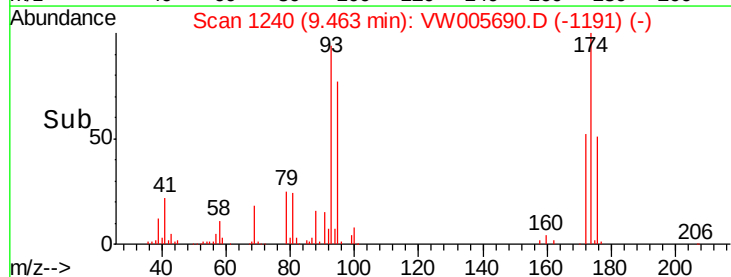
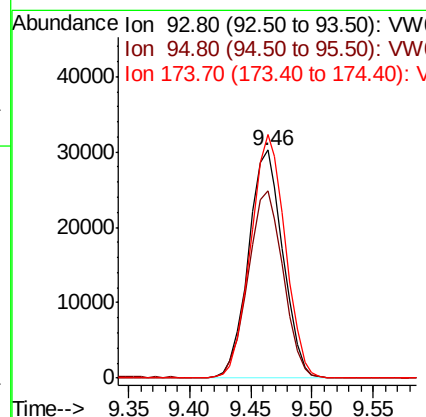
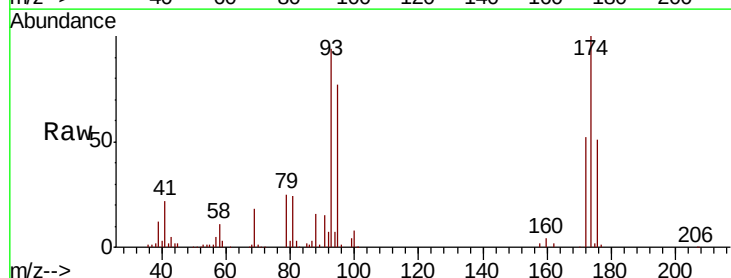
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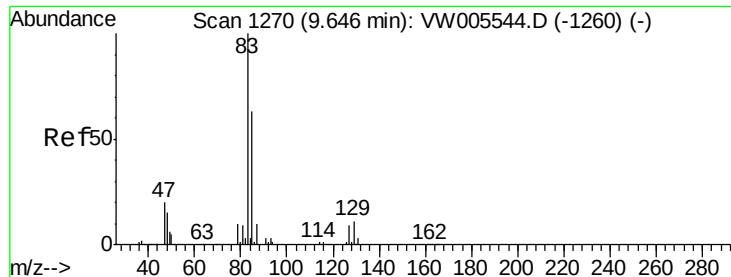
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#46
 Dibromomethane
 Concen: 48.863 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW005690.D
 Acq: 27 Sep 2018 10:34

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.9	65.8	98.8
174	107.4	84.0	126.0





#47

Bromodichloromethane

Concen: 50.497 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW005690.D

Acq: 27 Sep 2018 10:34

Instrument :

MSVOA_W

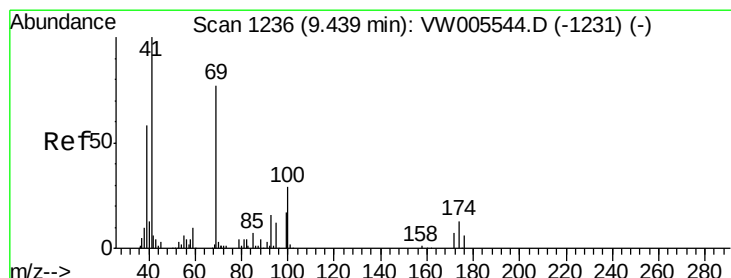
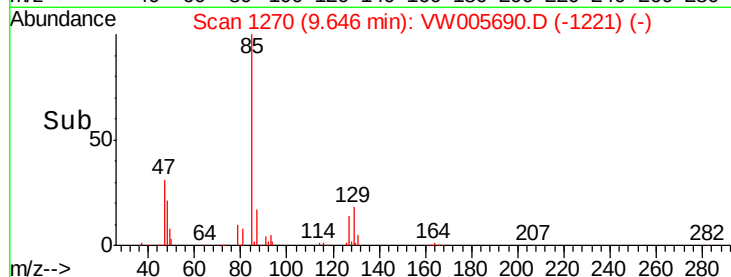
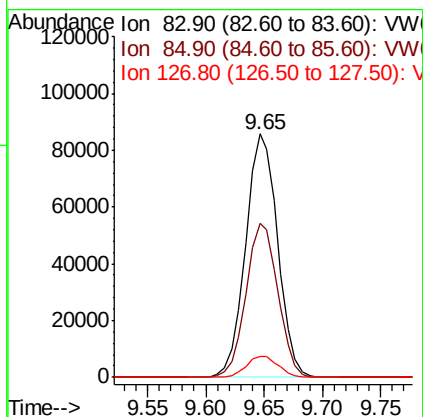
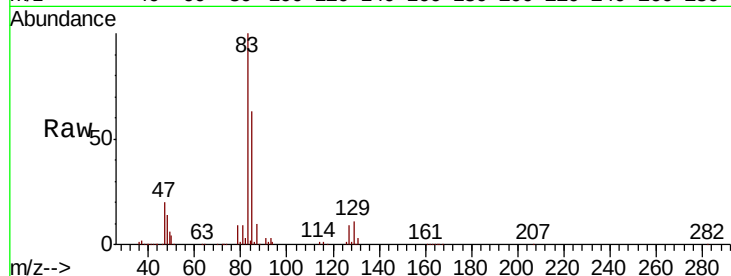
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	164053
Ion	Ratio	Lower	Upper
83	100		
85	63.1	50.5	75.7
127	8.6	7.0	10.6

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#48

Methyl methacrylate

Concen: 48.329 ug/l

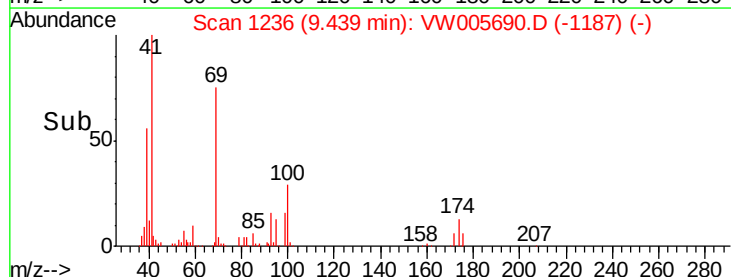
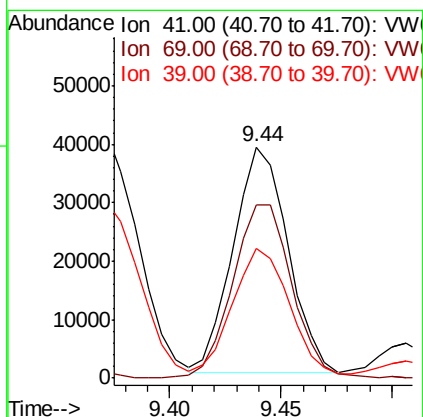
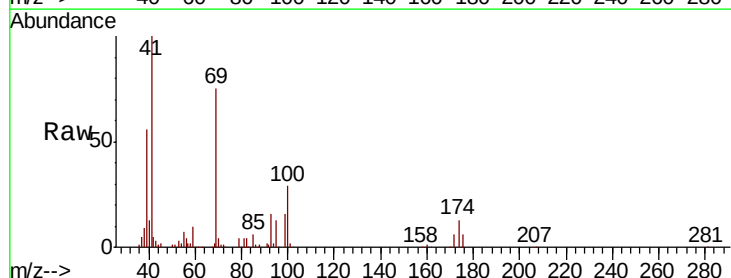
RT: 9.44 min Scan# 1236

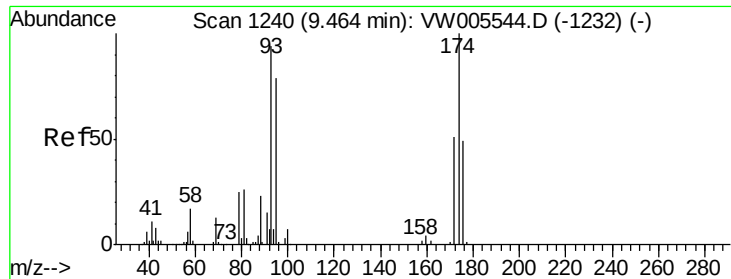
Delta R.T. -0.00 min

Lab File: VW005690.D

Acq: 27 Sep 2018 10:34

Tgt Ion:	41	Resp:	65949
Ion	Ratio	Lower	Upper
41	100		
69	83.8	64.7	97.1
39	57.1	50.5	75.7





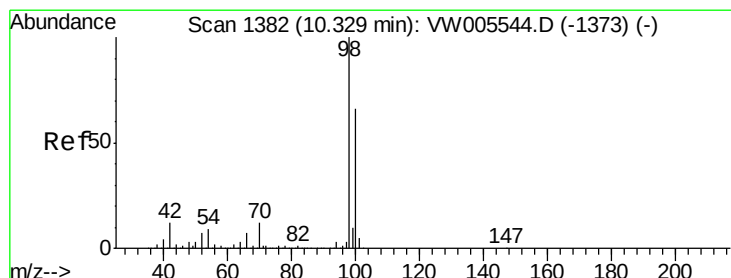
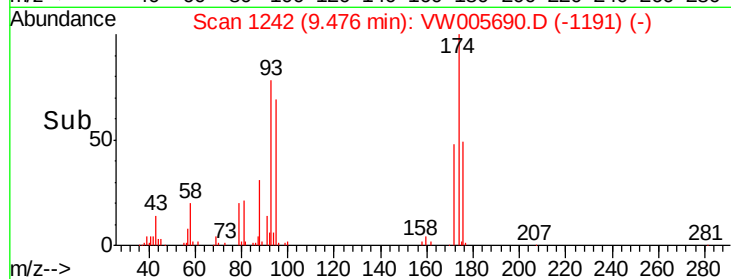
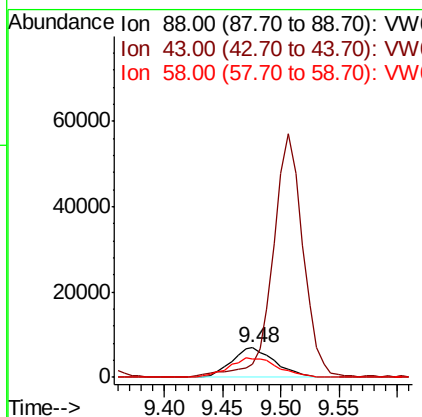
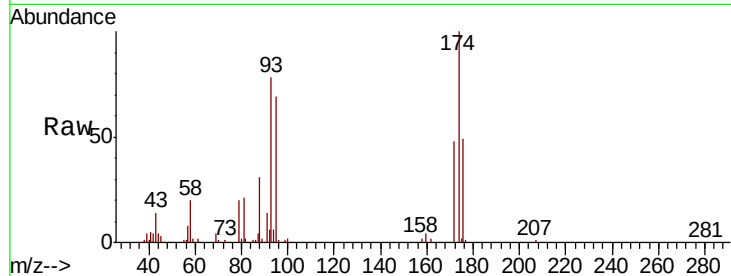
#49
1,4-Dioxane
Concen: 927.357 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VW005690.D
Acq: 27 Sep 2018 10:34

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	88	Resp	17831
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	76.5	61.2	91.8

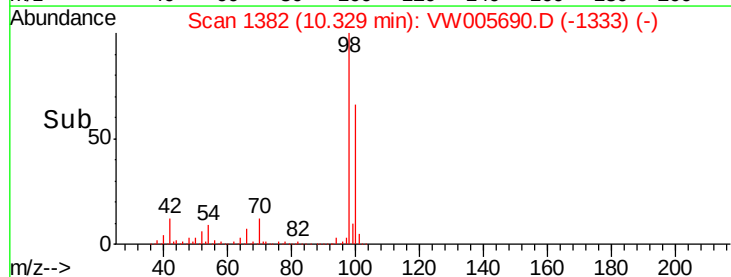
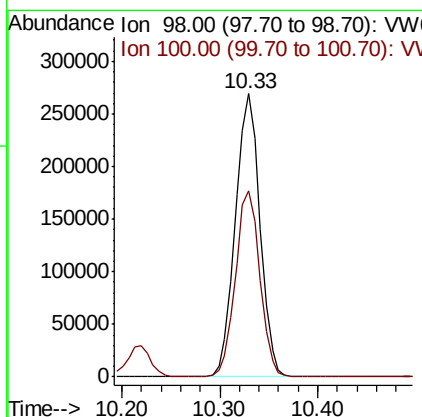
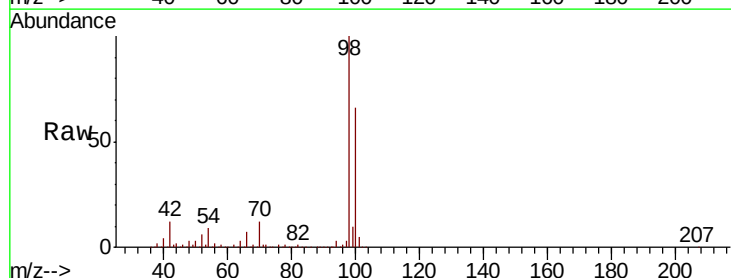
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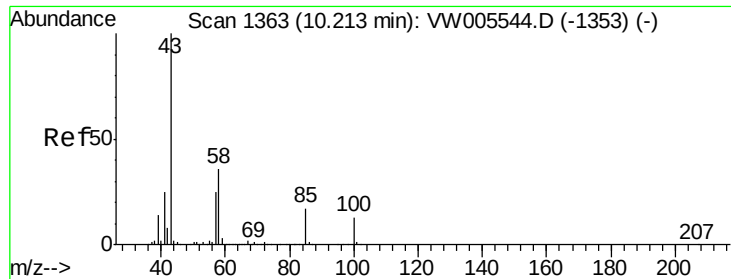
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#50
Toluene-d8
Concen: 53.242 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005690.D
Acq: 27 Sep 2018 10:34

Tgt Ion	98	Resp	470263
Ion	Ratio	Lower	Upper
98	100		
100	65.0	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 228.842 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW005690.D

Acq: 27 Sep 2018 10:34

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 331139

Ion Ratio Lower Upper

43 100

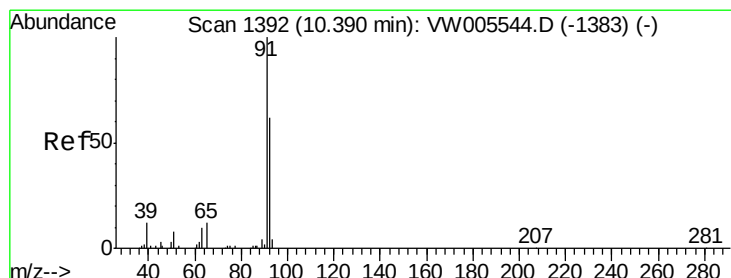
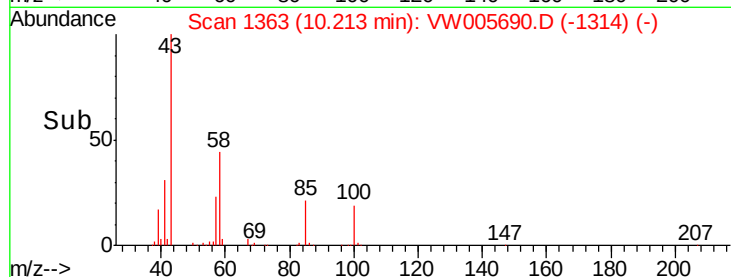
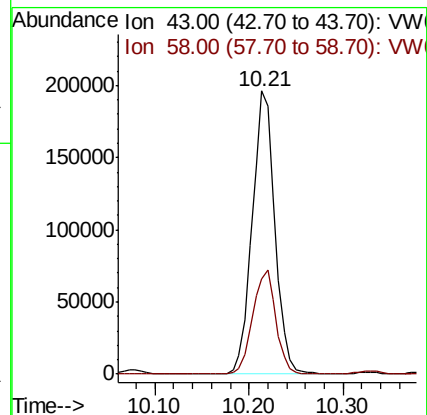
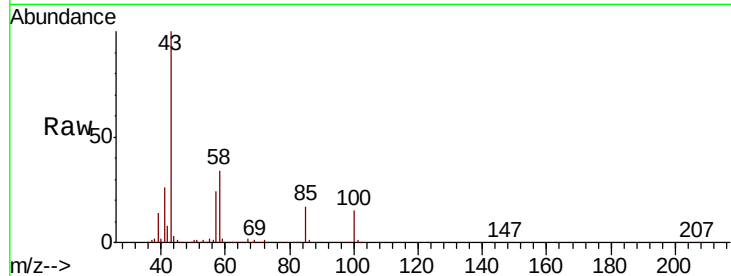
58 37.5 30.0 45.0

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#52

Toluene

Concen: 51.691 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW005690.D

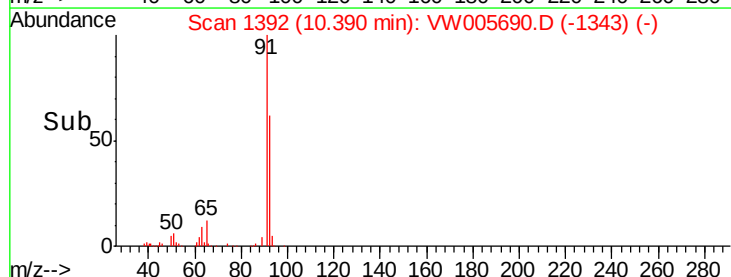
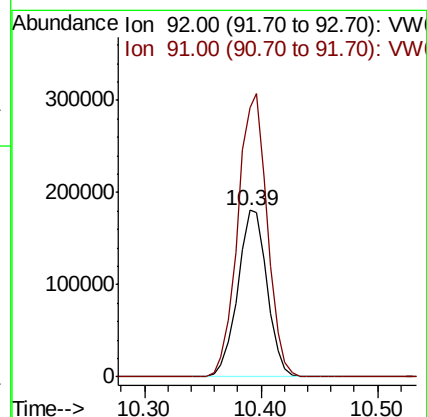
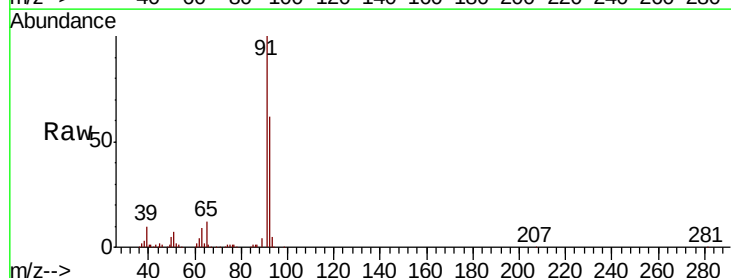
Acq: 27 Sep 2018 10:34

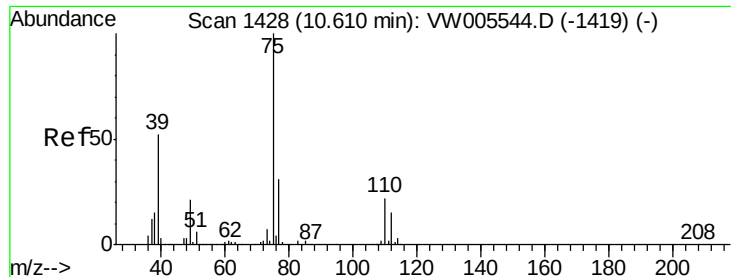
Tgt Ion: 92 Resp: 317323

Ion Ratio Lower Upper

92 100

91 170.1 137.1 205.7





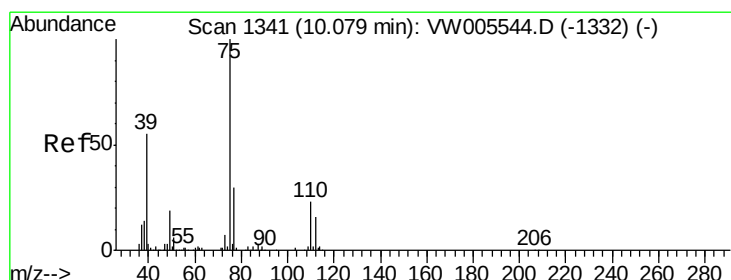
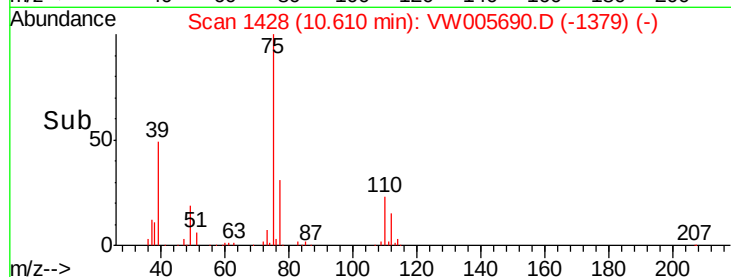
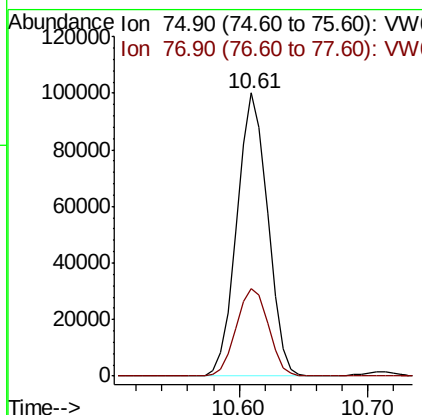
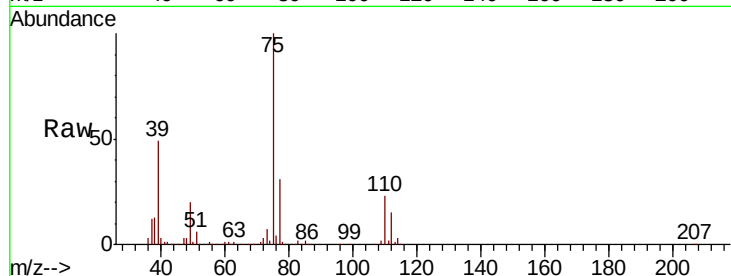
#53
t-1,3-Dichloropropene
Concen: 51.030 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. -0.00 min
Lab File: VW005690.D
Acq: 27 Sep 2018 10:34

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
75	100	166195		
77	31.0	24.6		37.0

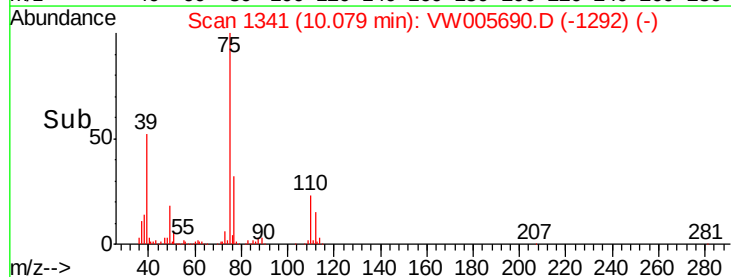
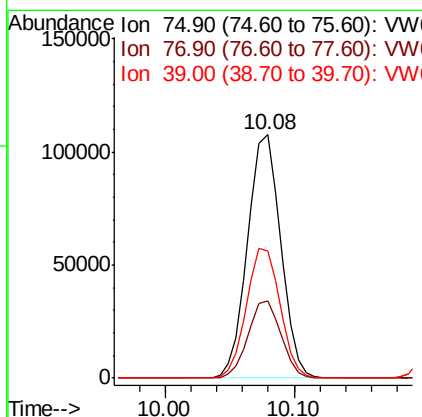
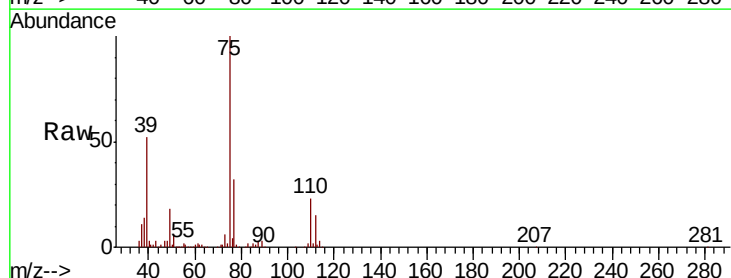
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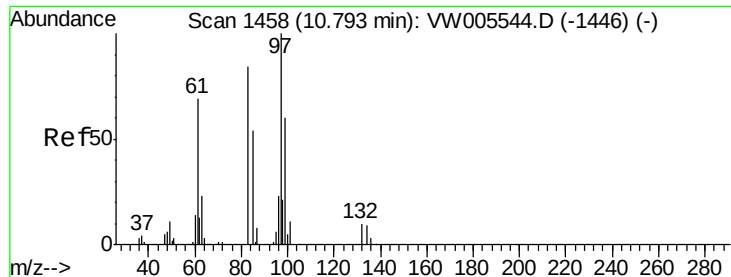
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#54
cis-1,3-Dichloropropene
Concen: 52.534 ug/l
RT: 10.08 min Scan# 1341
Delta R.T. -0.00 min
Lab File: VW005690.D
Acq: 27 Sep 2018 10:34

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	191700		
77	31.5	24.3		36.5
39	52.4	43.7		65.5





#55

1,1,2-Trichloroethane

Concen: 50.260 ug/l

RT: 10.79 min Scan# 1458

Delta R.T. -0.00 min

Lab File: VW005690.D

Acq: 27 Sep 2018 10:34

Instrument :

MSVOA_W

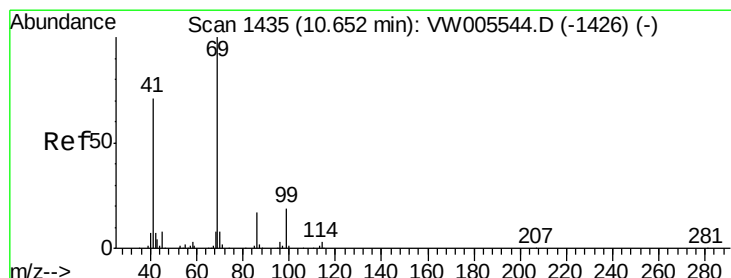
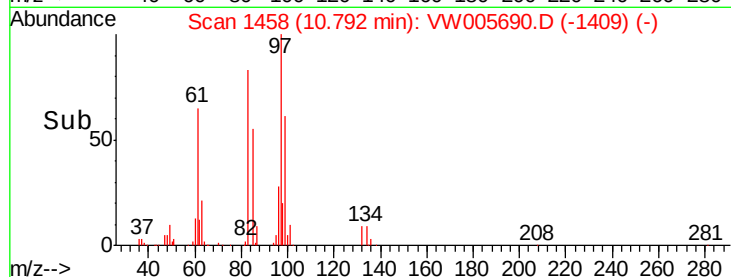
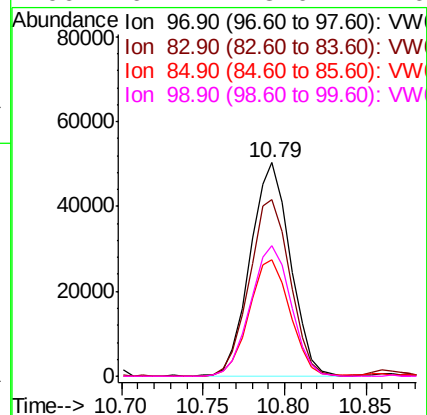
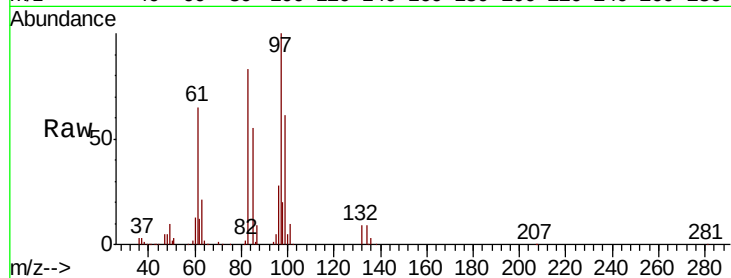
ClientSampleId :

VSTDCCC050

Tot Ion:	97	Resp:	86281
Ion	Ratio	Lower	Upper
97	100		
83	83.0	67.4	101.2
85	54.8	43.3	64.9
99	61.1	48.0	72.0

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#56

Ethyl methacrylate

Concen: 51.040 ug/l

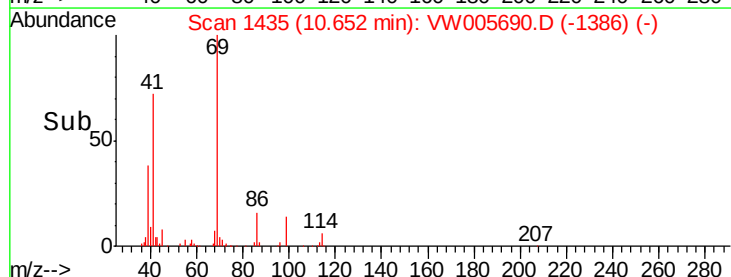
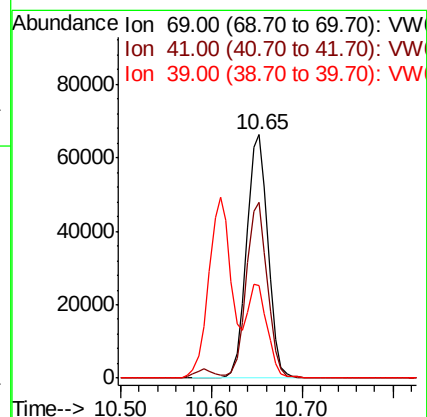
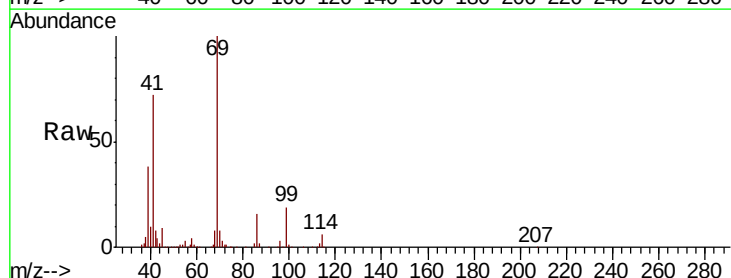
RT: 10.65 min Scan# 1435

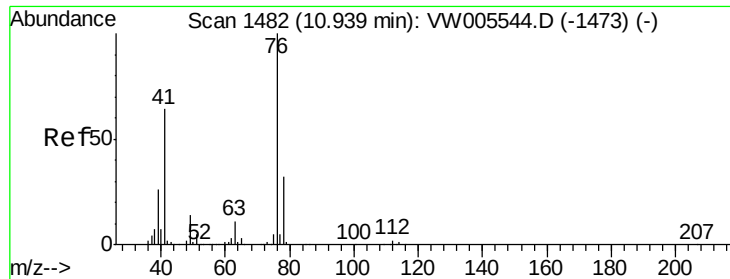
Delta R.T. -0.00 min

Lab File: VW005690.D

Acq: 27 Sep 2018 10:34

Tgt Ion:	69	Resp:	108163
Ion	Ratio	Lower	Upper
69	100		
41	71.2	57.3	85.9
39	34.8	29.2	43.8





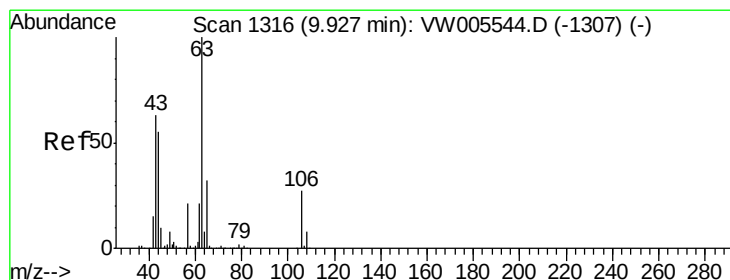
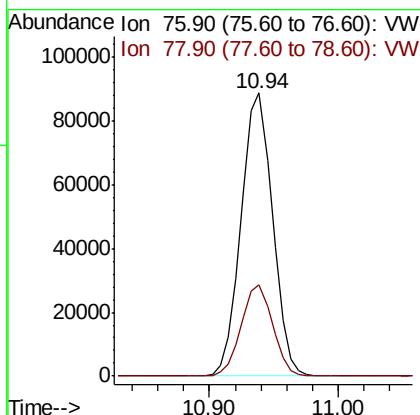
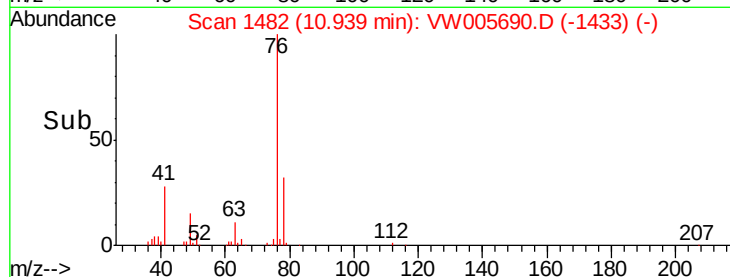
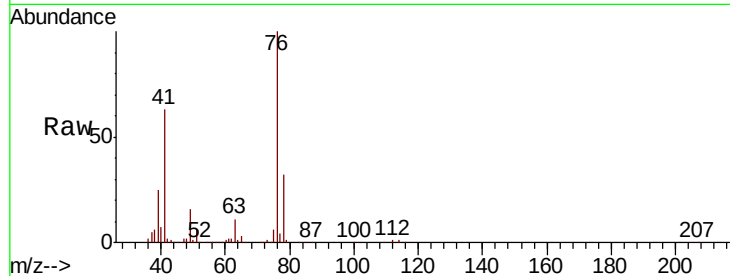
#57
 1,3-Dichloropropane
 Concen: 49.309 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: VW005690.D
 Acq: 27 Sep 2018 10:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 150024
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.6 38.4

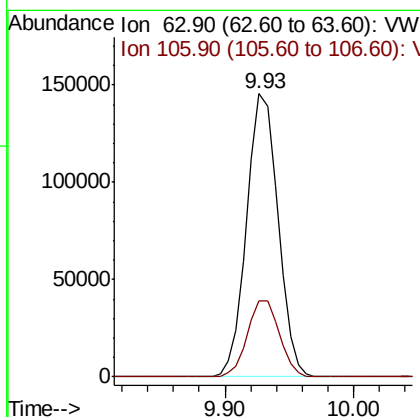
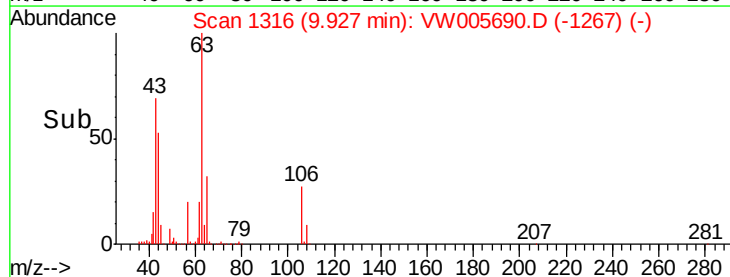
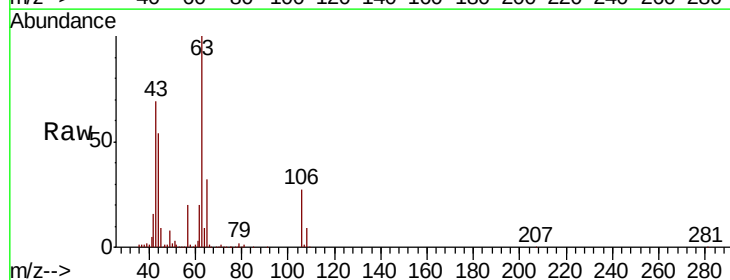
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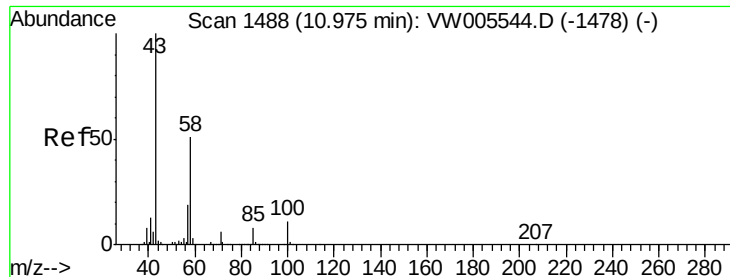
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#58
 2-Chloroethyl Vinyl ether
 Concen: 255.235 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW005690.D
 Acq: 27 Sep 2018 10:34

Tgt Ion: 63 Resp: 245189
 Ion Ratio Lower Upper
 63 100
 106 27.6 21.6 32.4





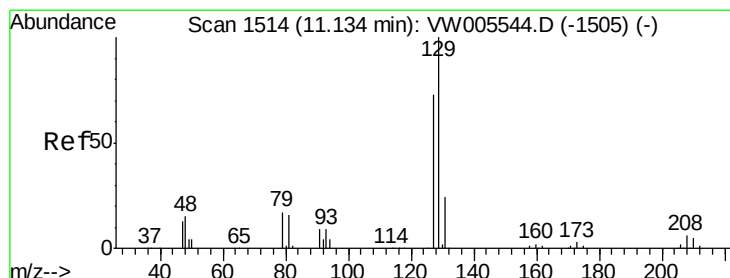
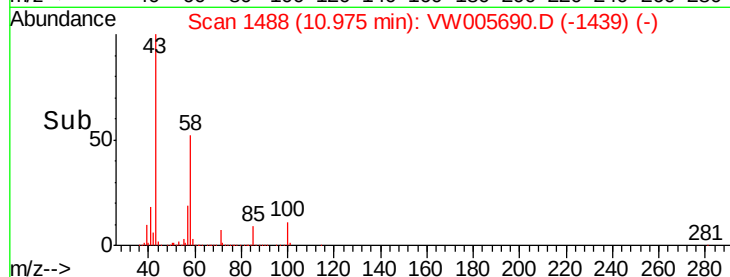
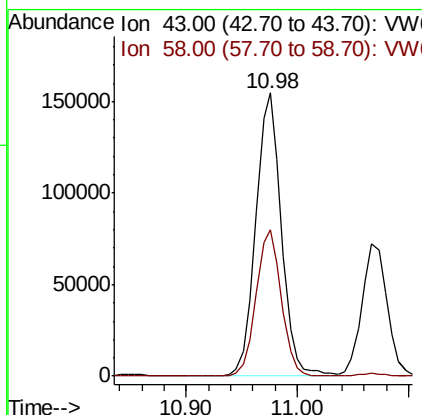
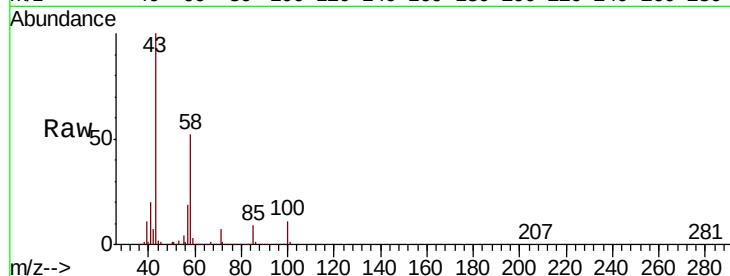
#59
2-Hexanone
Concen: 251.924 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005690.D
Acq: 27 Sep 2018 10:34

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 247641
Ion Ratio Lower Upper
43 100
58 50.9 25.3 75.9

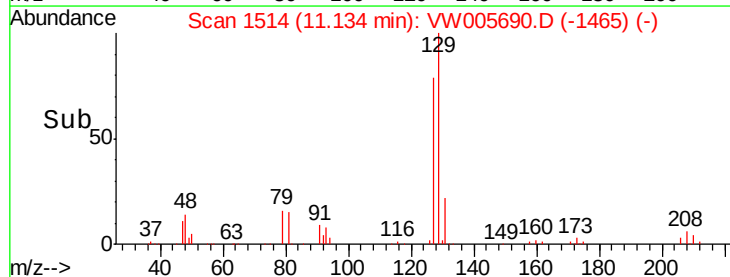
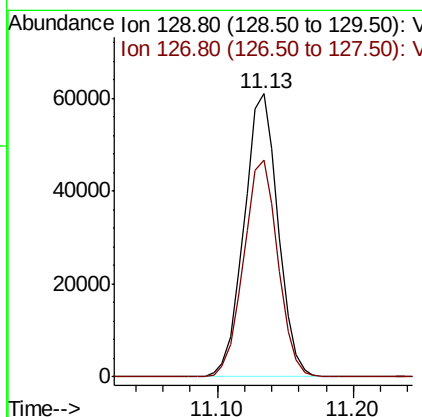
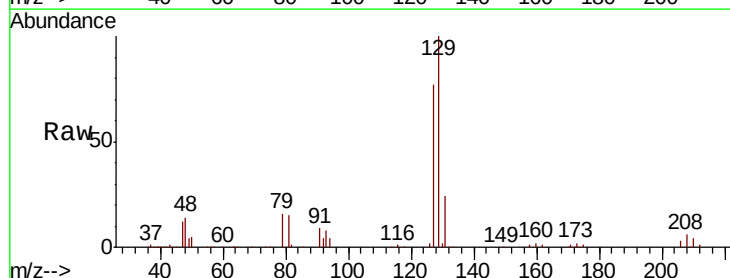
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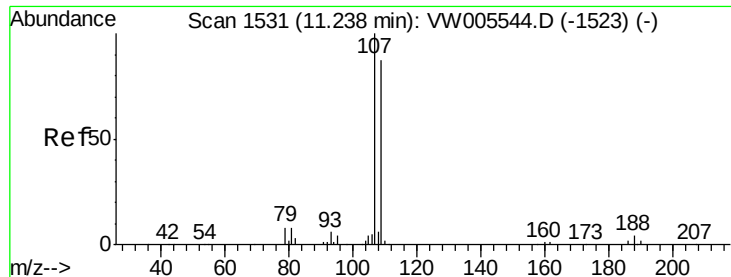
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#60
Dibromochloromethane
Concen: 51.513 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW005690.D
Acq: 27 Sep 2018 10:34

Tgt Ion: 129 Resp: 106850
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.5





#61

1,2-Dibromoethane

Concen: 49.770 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW005690.D

Acq: 27 Sep 2018 10:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 79661

Ion Ratio Lower Upper

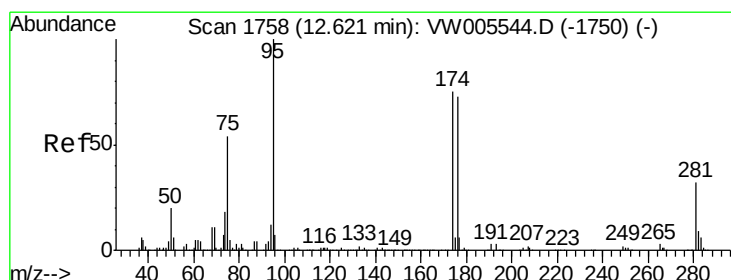
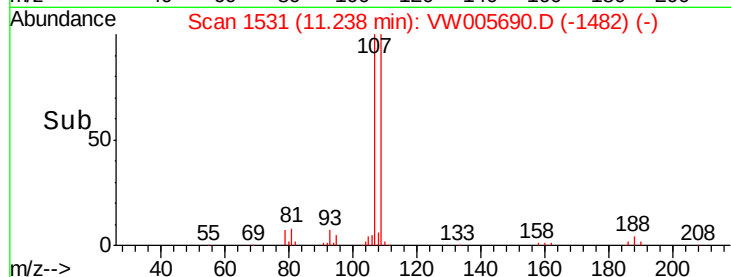
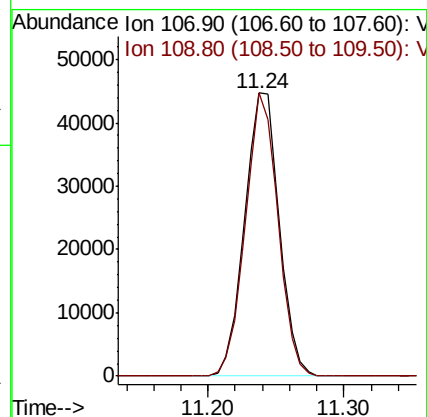
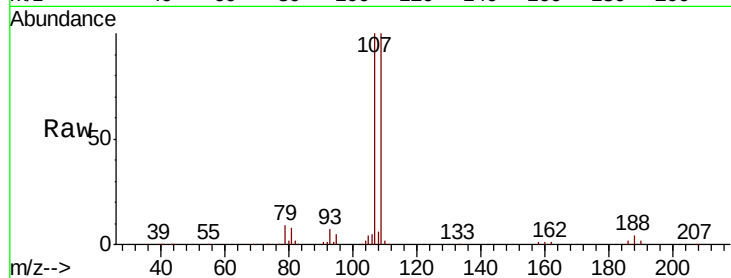
107 100

109 94.1 73.4 110.0

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#62

4-Bromofluorobenzene

Concen: 53.426 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005690.D

Acq: 27 Sep 2018 10:34

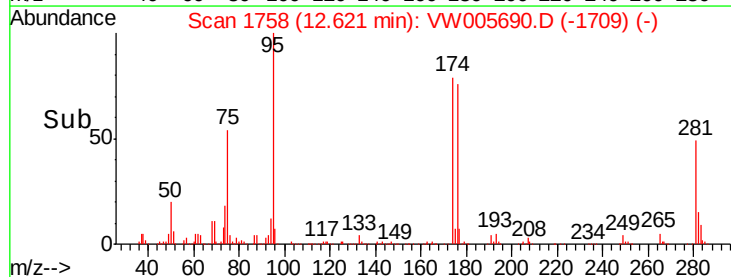
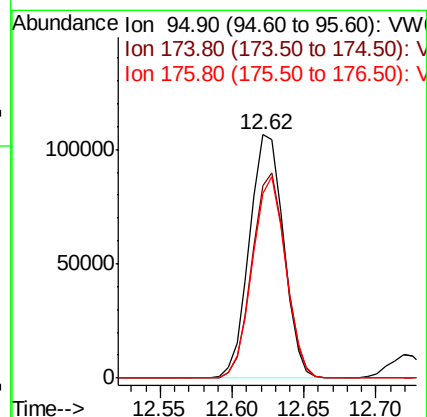
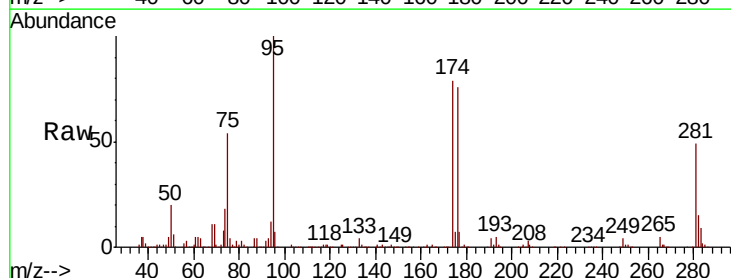
Tgt Ion: 95 Resp: 174611

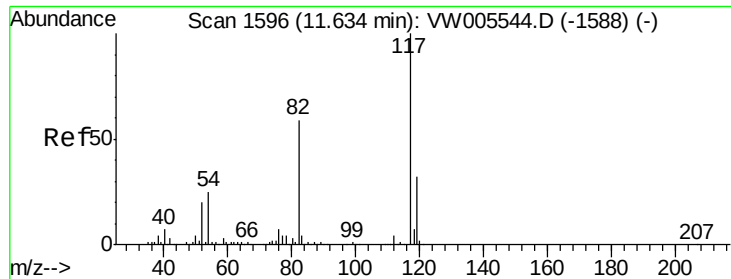
Ion Ratio Lower Upper

95 100

174 82.6 0.0 163.8

176 80.8 0.0 158.0





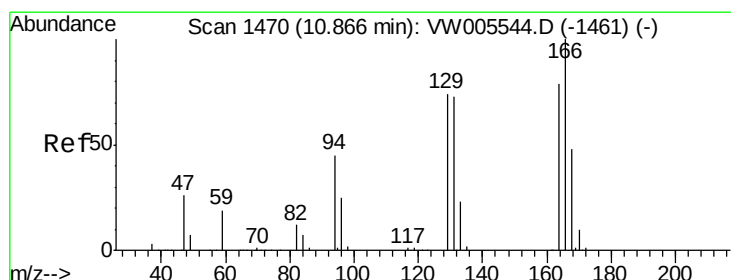
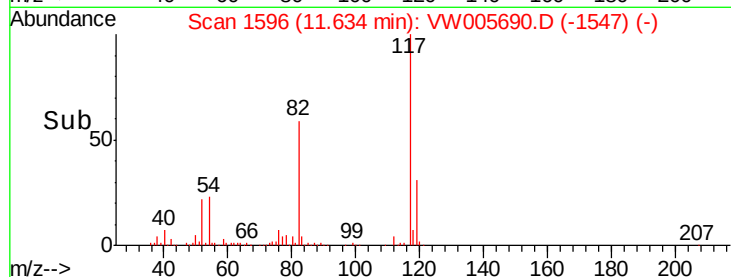
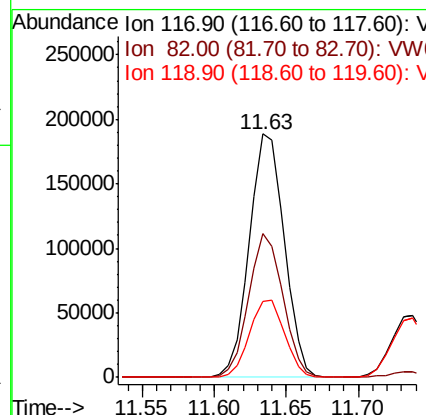
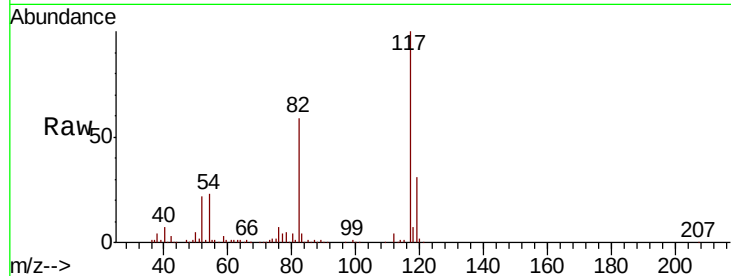
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005690.D
Acq: 27 Sep 2018 10:34

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	317288		
82	58.8	46.9	70.3	
119	31.4	25.7	38.5	

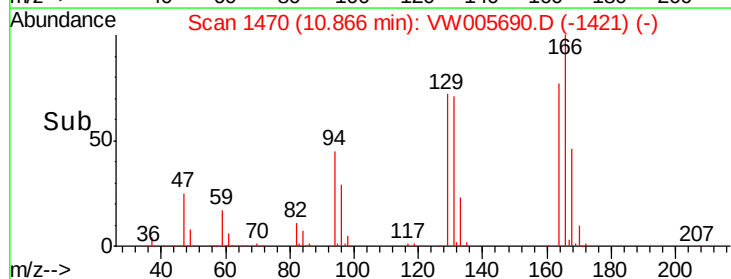
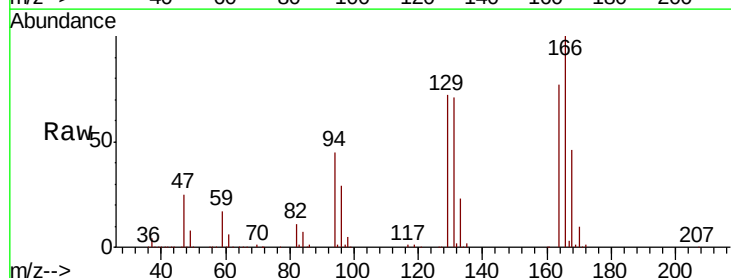
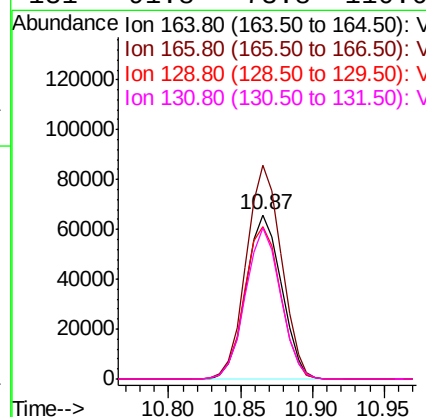
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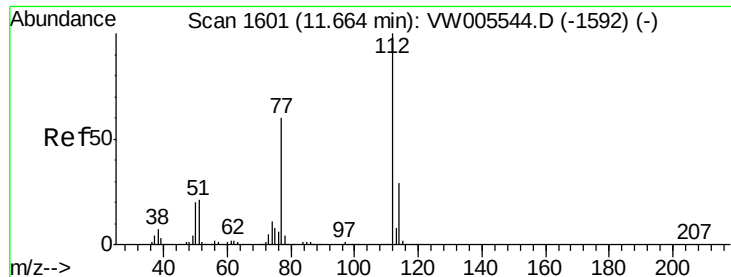
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#64
Tetrachloroethene
Concen: 50.059 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005690.D
Acq: 27 Sep 2018 10:34

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	112728		
166	130.2	101.1	151.7	
129	93.2	74.4	111.6	
131	91.8	73.8	110.6	





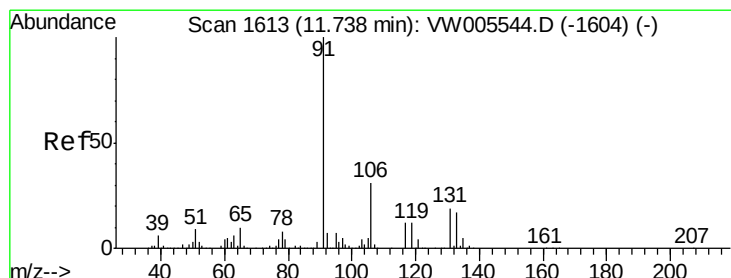
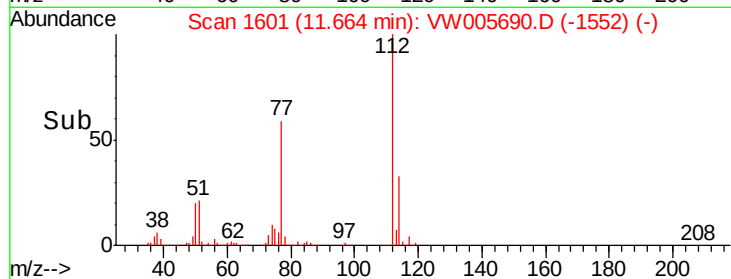
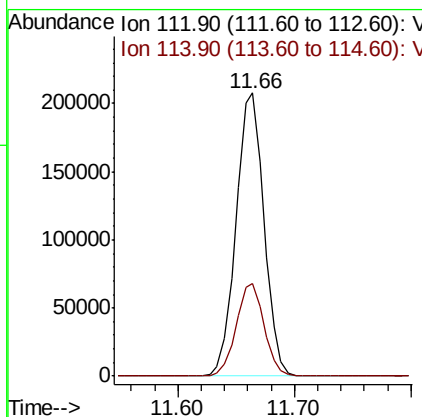
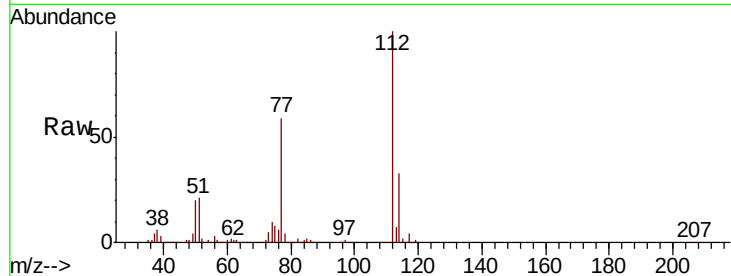
#65
Chlorobenzene
Concen: 51.534 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW005690.D
Acq: 27 Sep 2018 10:34

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
112	100	347113		
114	32.5	22.9	34.3	

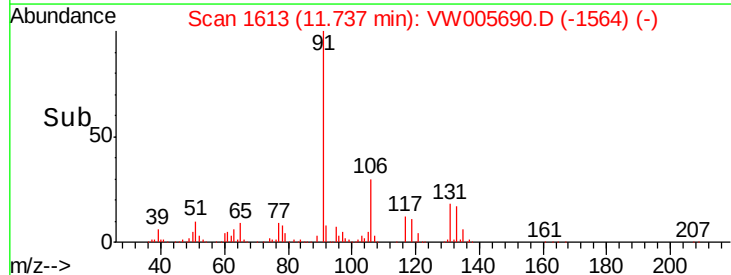
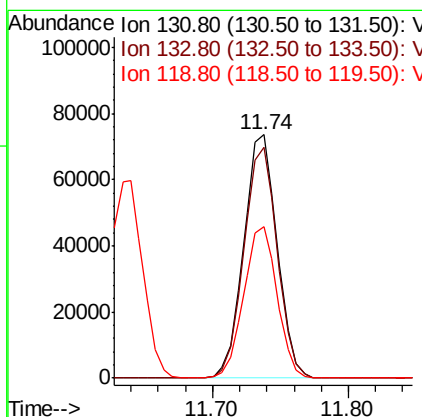
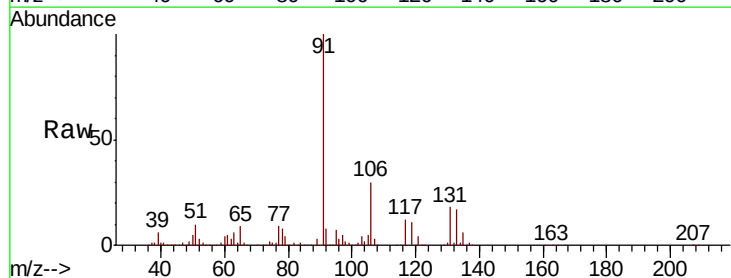
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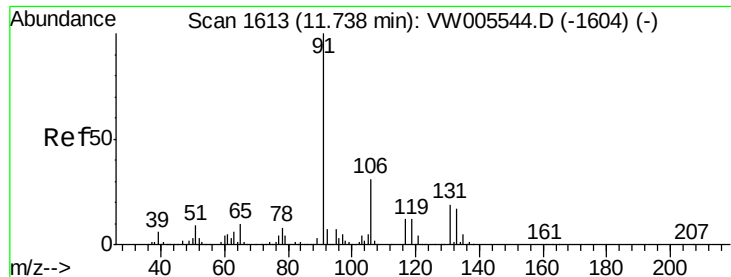
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.138 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005690.D
Acq: 27 Sep 2018 10:34

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	126394		
133	94.6	47.2	141.6	
119	62.2	31.1	93.2	





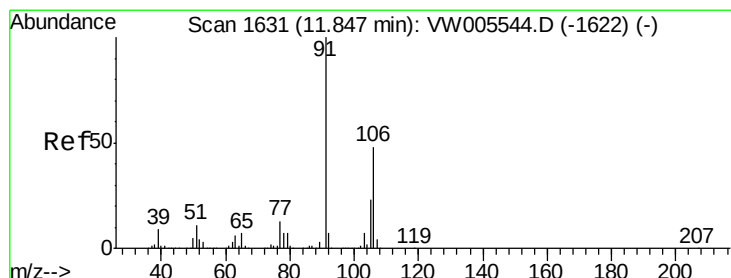
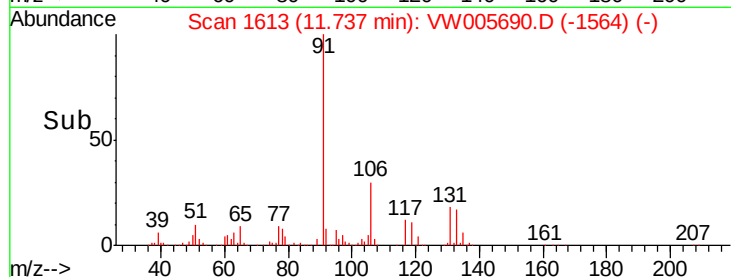
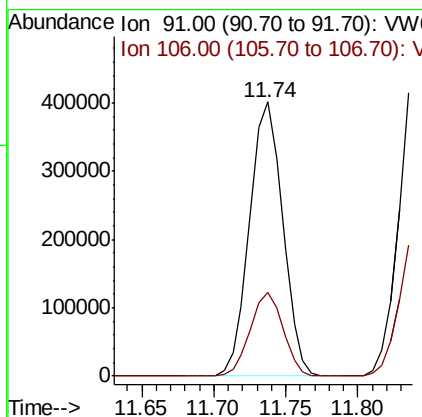
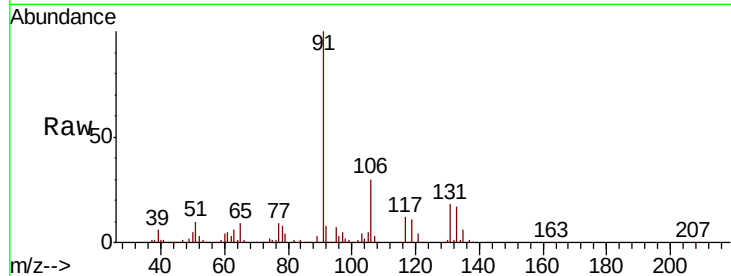
#67
Ethyl Benzene
Concen: 53.574 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005690.D
Acq: 27 Sep 2018 10:34

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 640515
Ion Ratio Lower Upper
91 100
106 30.5 24.4 36.6

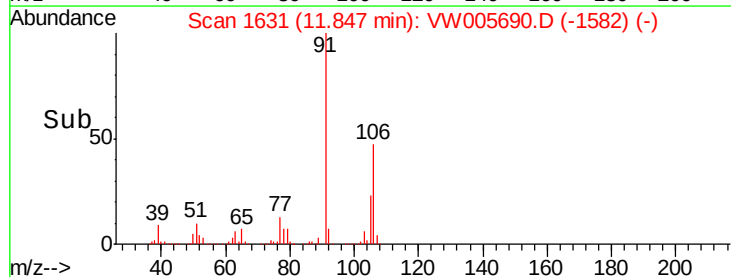
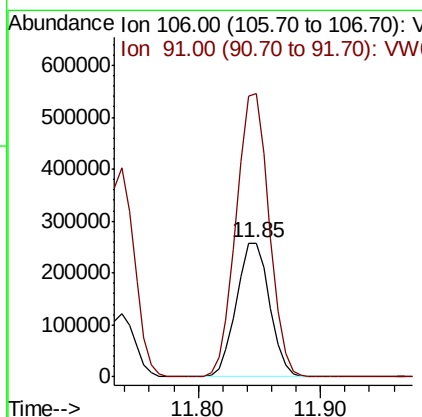
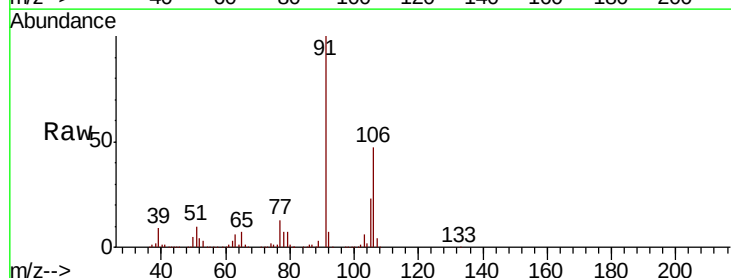
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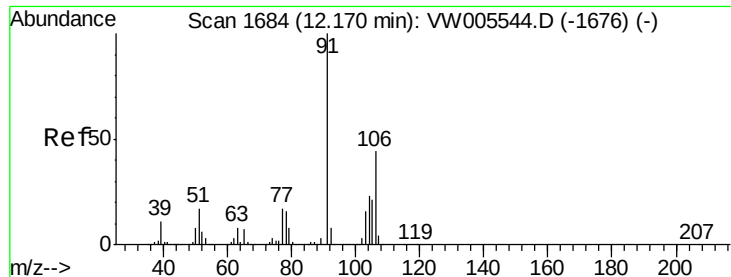
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#68
m/p-Xylenes
Concen: 107.686 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW005690.D
Acq: 27 Sep 2018 10:34

Tgt Ion: 106 Resp: 486412
Ion Ratio Lower Upper
106 100
91 209.7 167.8 251.8





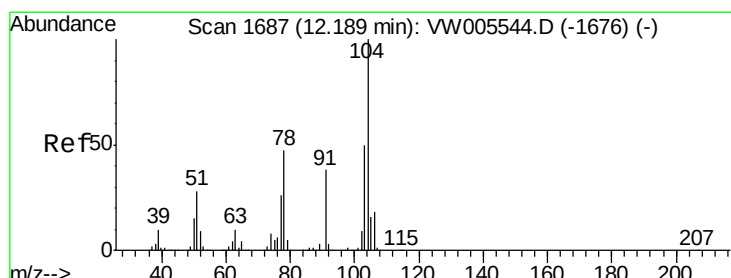
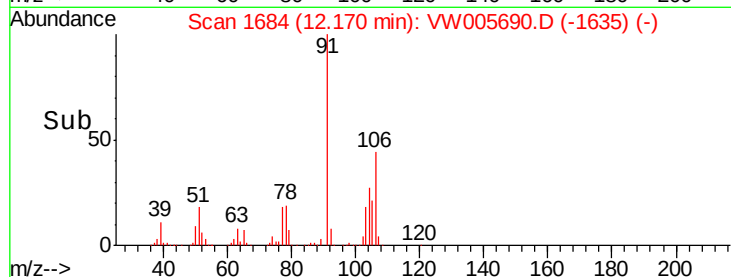
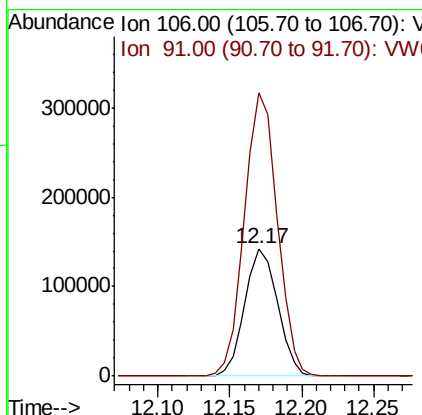
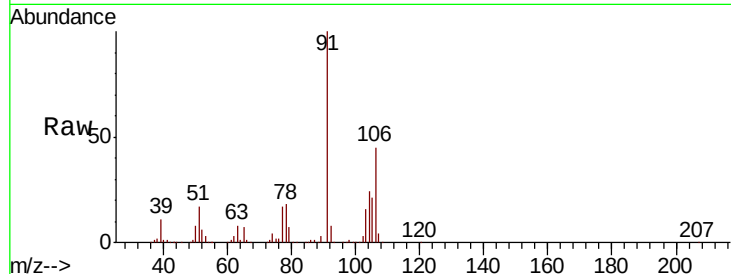
#69
o-Xylene
Concen: 53.392 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005690.D
Acq: 27 Sep 2018 10:34

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	221.7	111.0	333.0

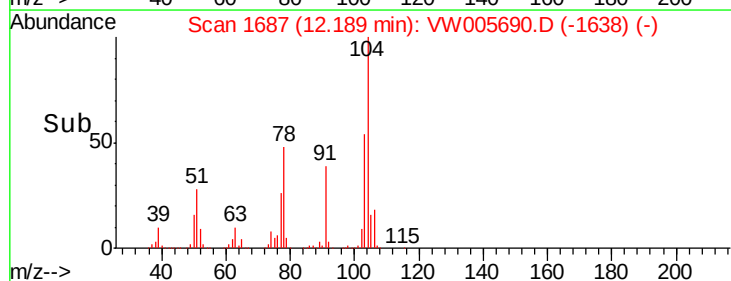
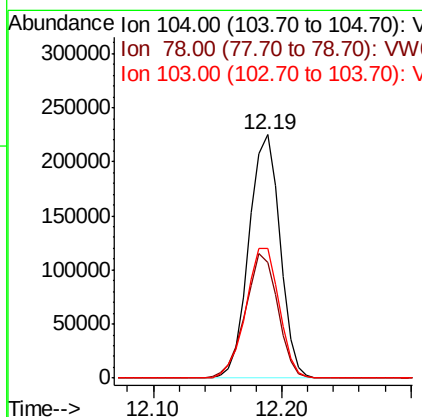
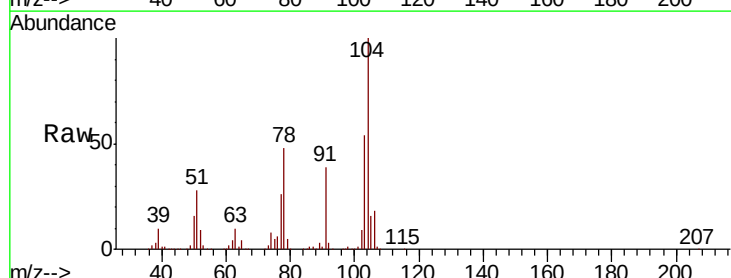
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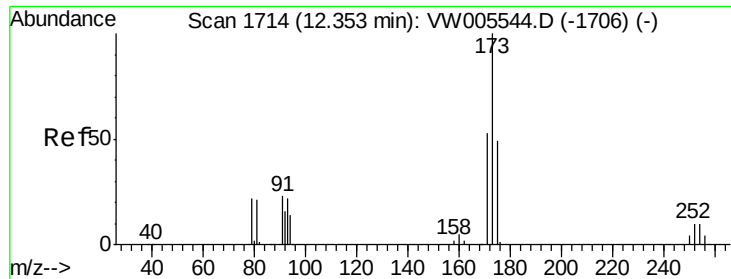
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#70
Styrene
Concen: 52.551 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005690.D
Acq: 27 Sep 2018 10:34

Tgt Ion	Ratio	Lower	Upper
104	100		
78	53.7	42.2	63.4
103	57.4	44.6	66.8





#71

Bromoform

Concen: 49.769 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW005690.D

Acq: 27 Sep 2018 10:34

Instrument :

MSVOA_W

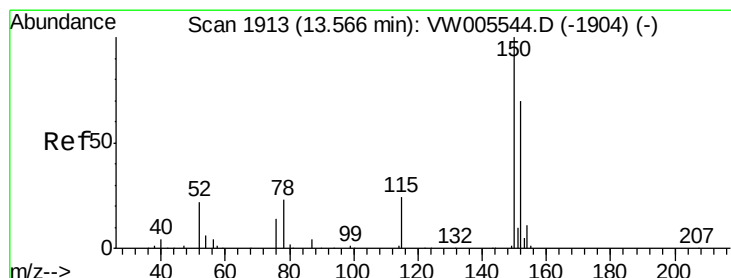
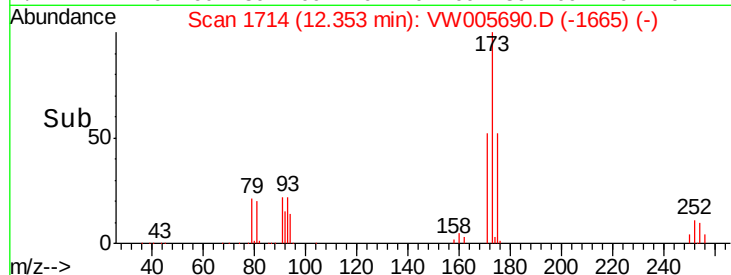
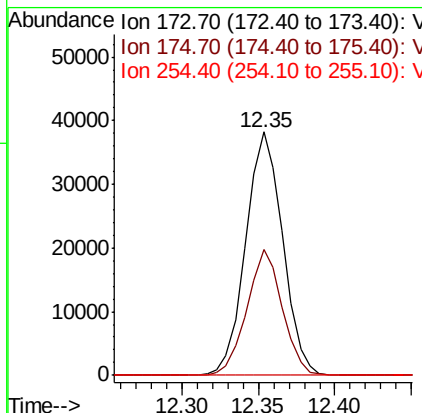
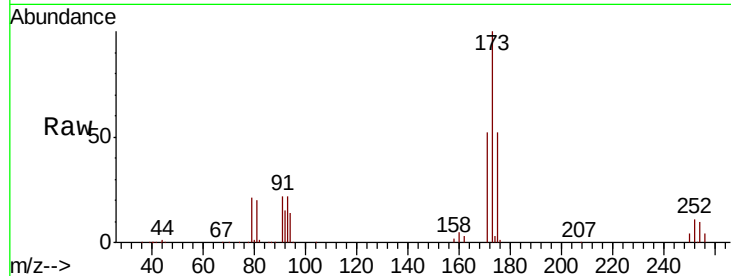
ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 64043
 Ion Ratio Lower Upper
 173 100
 175 49.4 24.3 72.9
 254 0.1 0.1 0.1

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

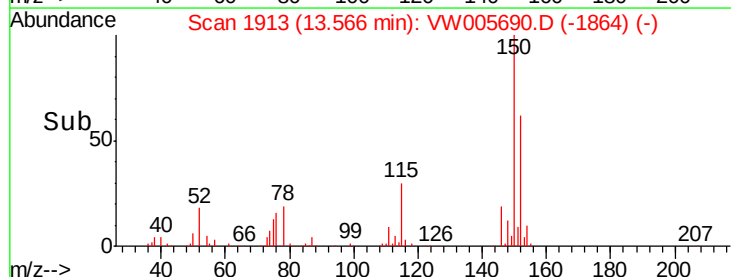
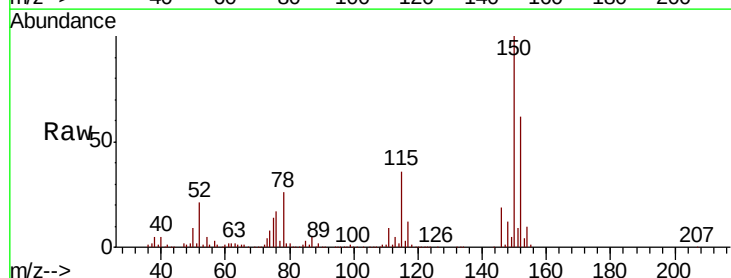
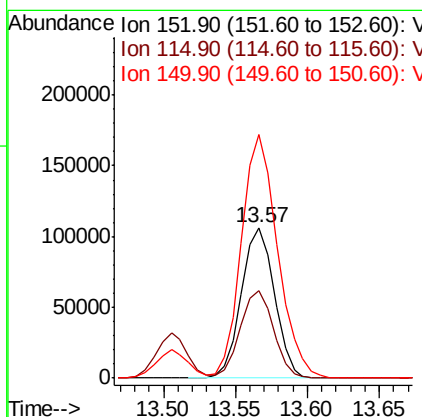
RT: 13.57 min Scan# 1913

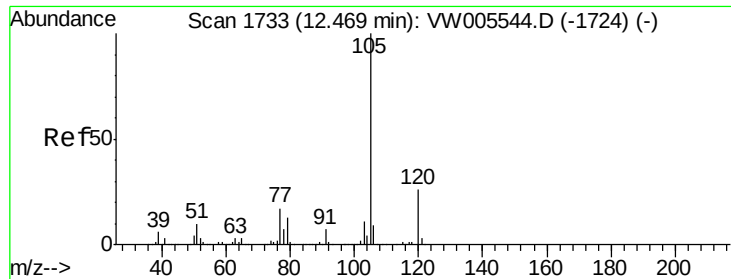
Delta R.T. -0.00 min

Lab File: VW005690.D

Acq: 27 Sep 2018 10:34

Tgt Ion:152 Resp: 169610
 Ion Ratio Lower Upper
 152 100
 115 58.6 30.0 90.0
 150 176.8 0.0 348.6





#73

Isopropylbenzene

Concen: 55.910 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005690.D

Acq: 27 Sep 2018 10:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 657617

Ion Ratio Lower Upper

105 100

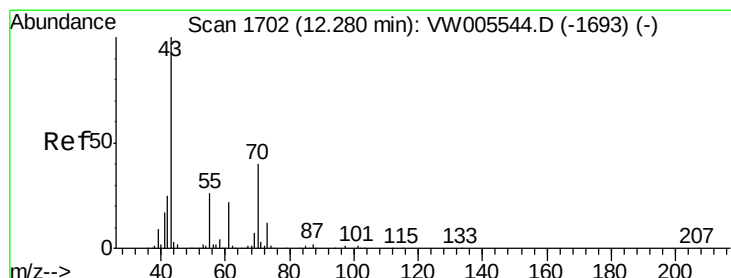
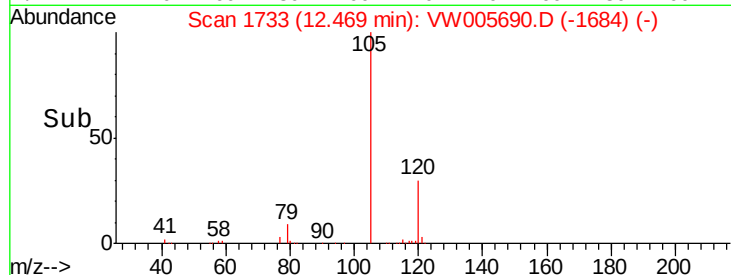
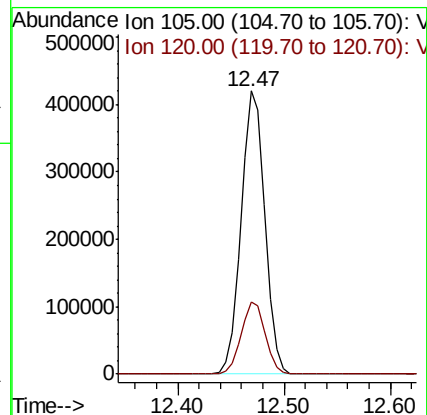
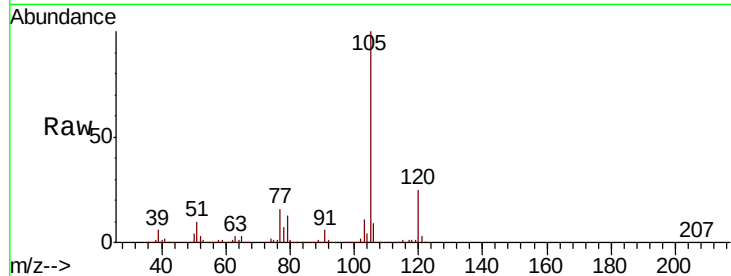
120 25.7 12.9 38.7

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#74

N-ethyl acetate

Concen: 48.449 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005690.D

Acq: 27 Sep 2018 10:34

Tgt Ion: 43 Resp: 129037

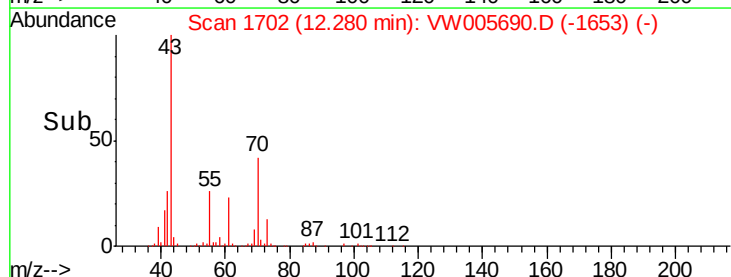
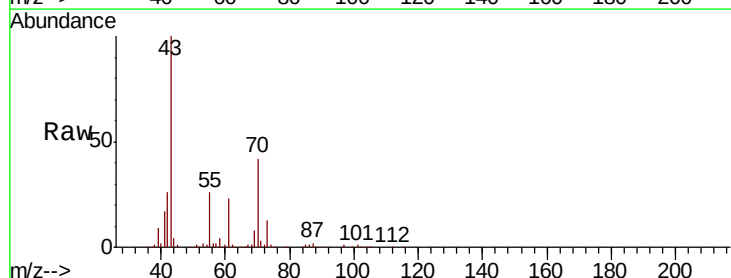
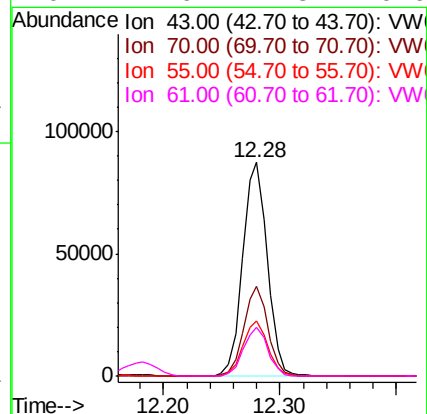
Ion Ratio Lower Upper

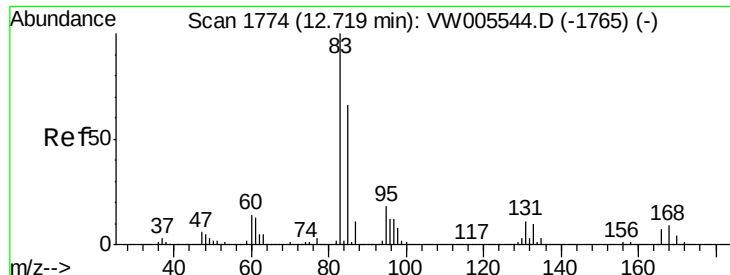
43 100

70 40.9 31.4 47.0

55 26.1 20.9 31.3

61 22.6 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 49.002 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005690.D

Acq: 27 Sep 2018 10:34

Instrument :

MSVOA_W

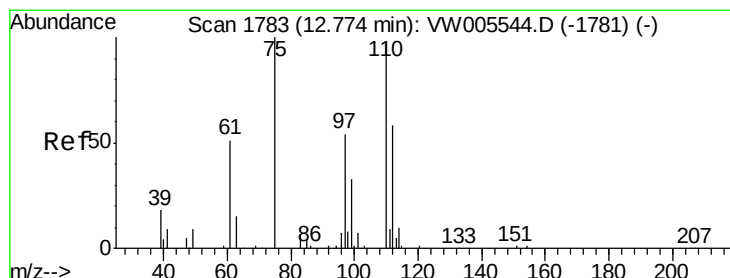
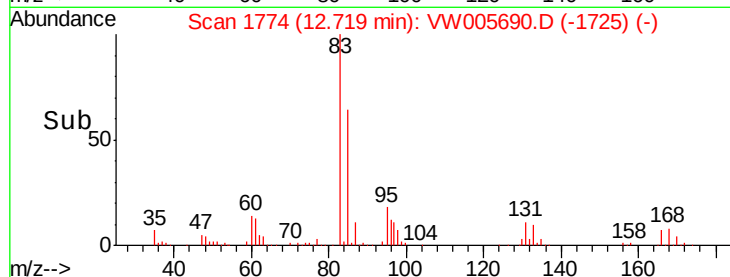
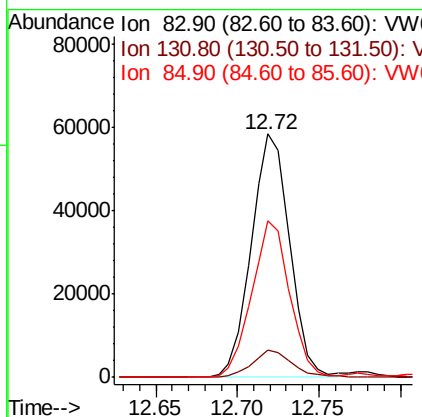
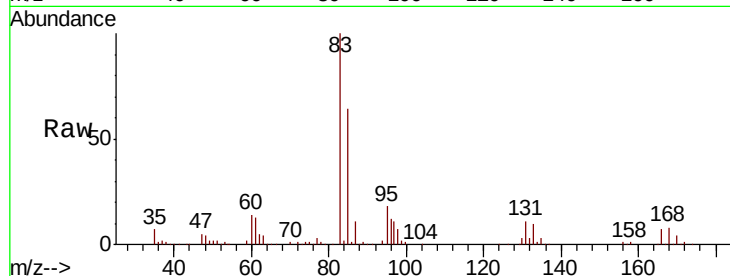
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	95735
Ion Ratio	Lower	Upper	
83	100		
131	11.7	5.5	16.7
85	63.6	32.4	97.0

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#76

1,2,3-Trichloropropane

Concen: 45.837 ug/l m

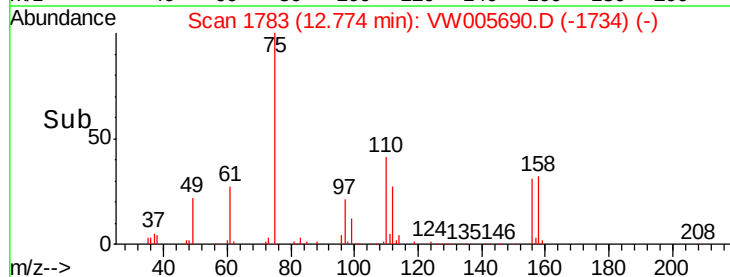
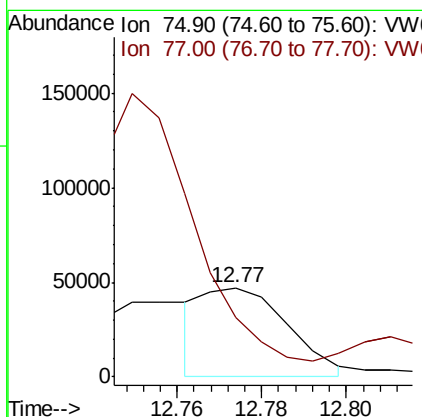
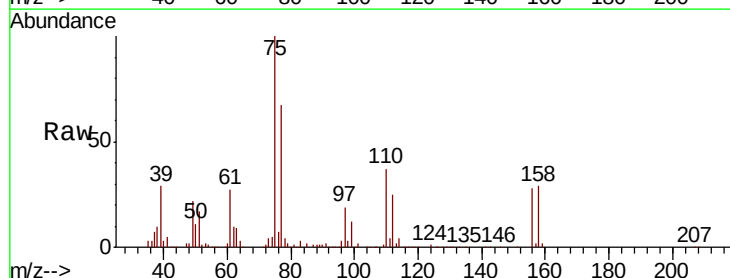
RT: 12.77 min Scan# 1783

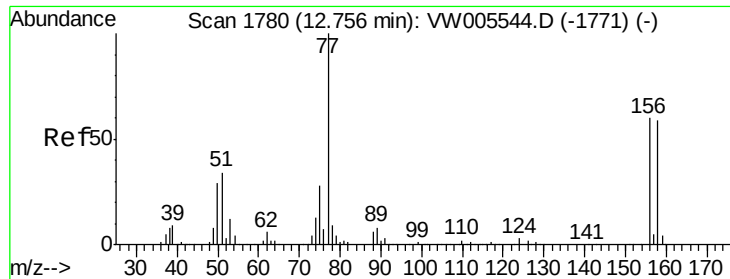
Delta R.T. -0.00 min

Lab File: VW005690.D

Acq: 27 Sep 2018 10:34

Tgt Ion:	75	Resp:	66272
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 52.209 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VW005690.D

Acq: 27 Sep 2018 10:34

Instrument :

MSVOA_W

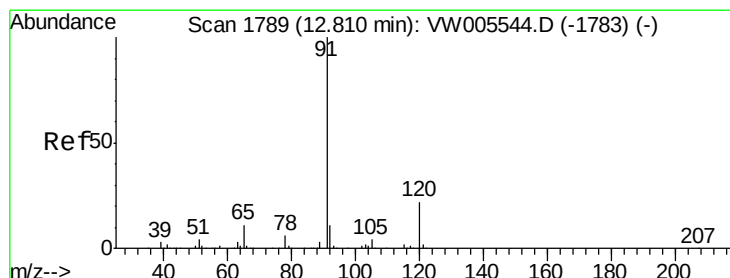
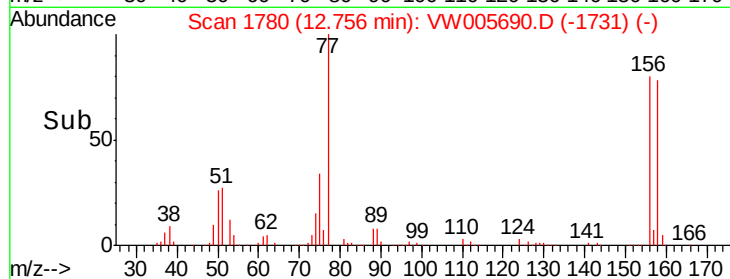
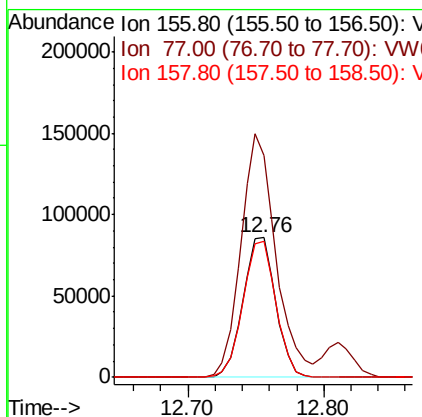
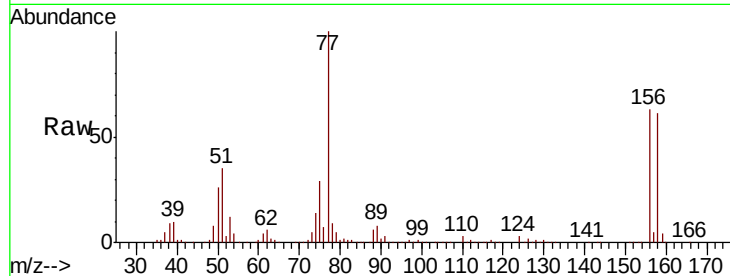
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	143929
Ion Ratio	Lower	Upper	
156	100		
77	186.3	94.7	284.1
158	98.3	48.0	144.2

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#78

n-propylbenzene

Concen: 55.738 ug/l

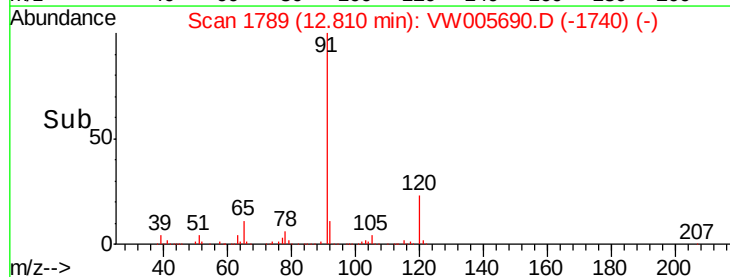
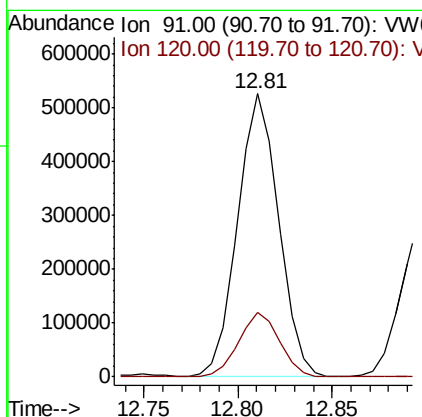
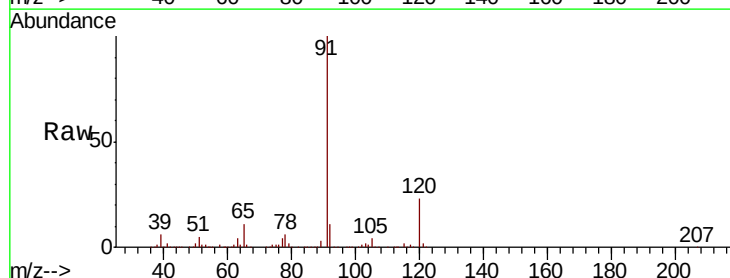
RT: 12.81 min Scan# 1789

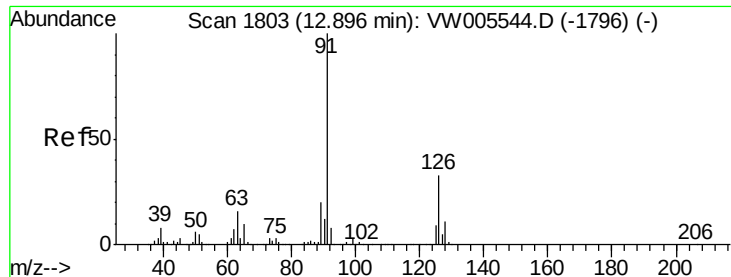
Delta R.T. -0.00 min

Lab File: VW005690.D

Acq: 27 Sep 2018 10:34

Tgt Ion:	91	Resp:	793720
Ion Ratio	Lower	Upper	
91	100		
120	22.7	11.2	33.5





#79

2-Chlorotoluene

Concen: 54.571 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW005690.D

Acq: 27 Sep 2018 10:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 449597

Ion Ratio Lower Upper

91 100

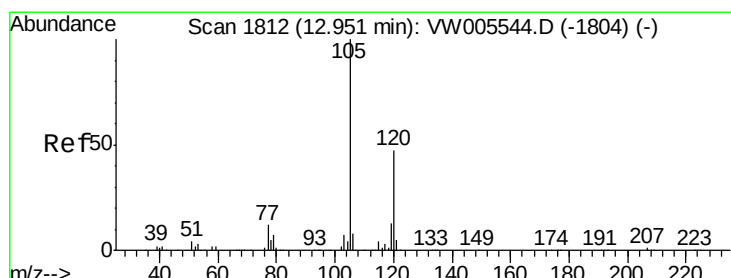
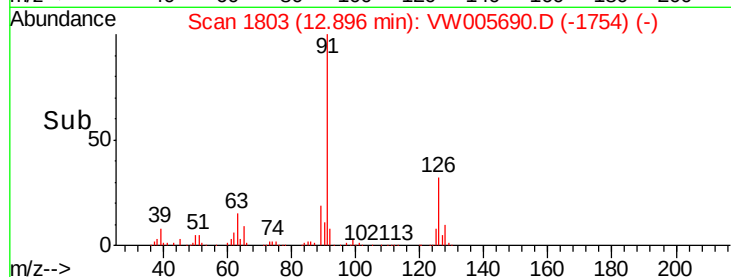
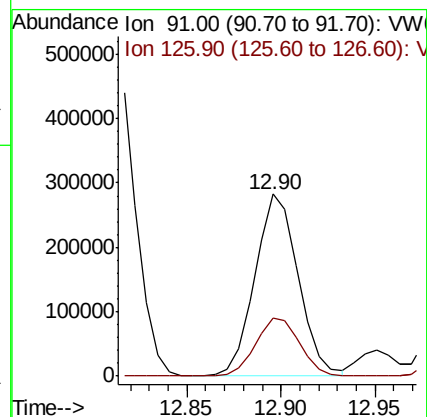
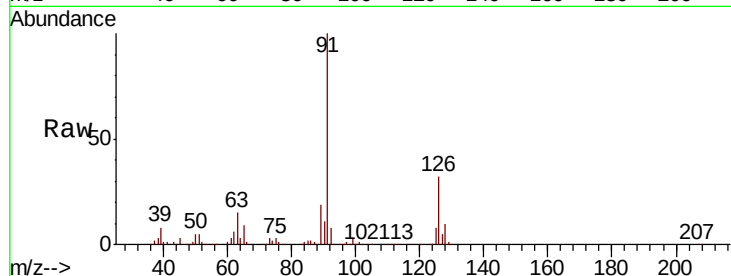
126 32.6 16.4 49.1

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#80

1,3,5-Trimethylbenzene

Concen: 55.340 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005690.D

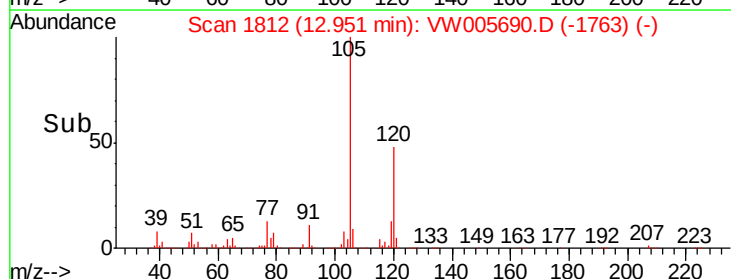
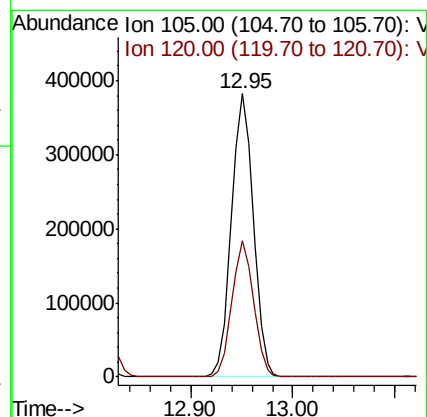
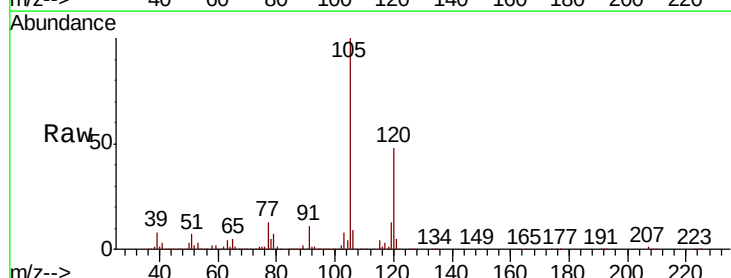
Acq: 27 Sep 2018 10:34

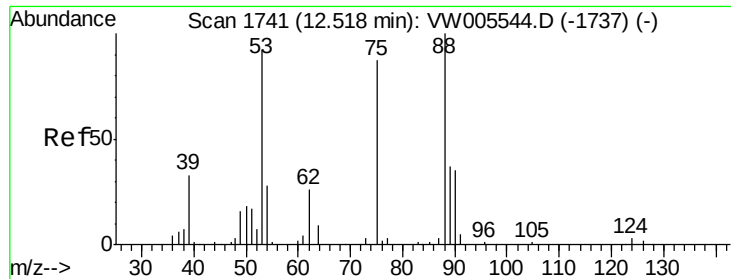
Tgt Ion:105 Resp: 565995

Ion Ratio Lower Upper

105 100

120 47.3 23.6 70.8





#81

trans-1,4-Dichloro-2-butene

Concen: 51.252 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW005690.D

Acq: 27 Sep 2018 10:34

Instrument :

MSVOA_W

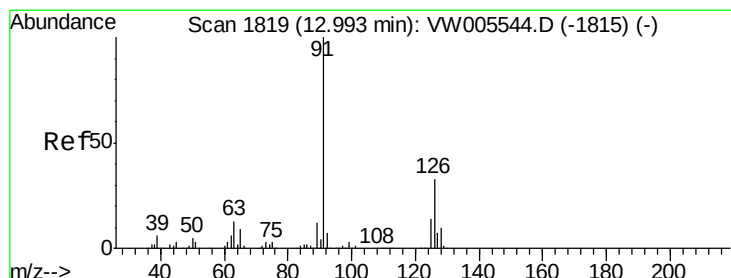
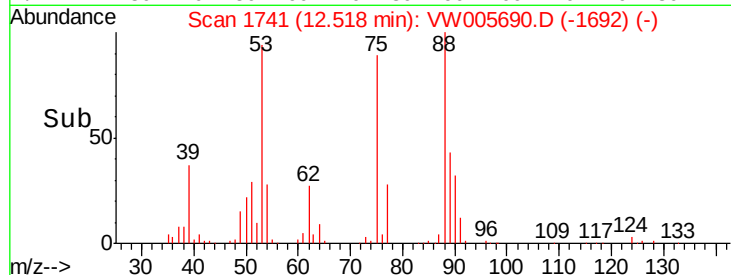
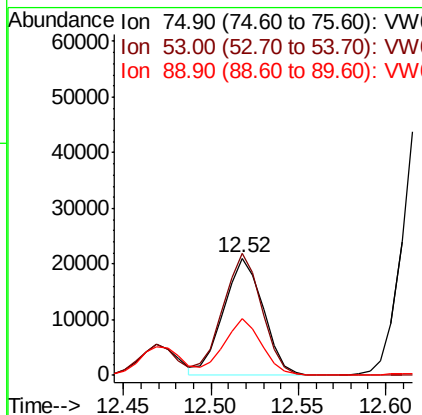
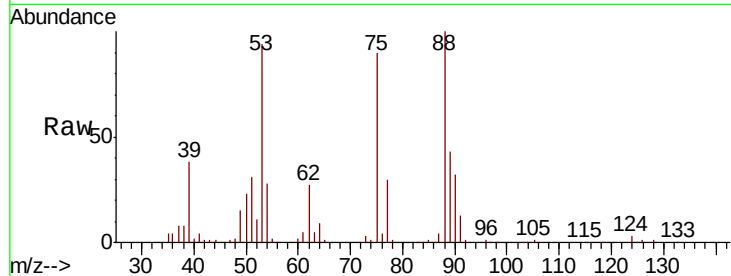
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	32900
Ion	Ratio	Lower	Upper
75	100		
53	103.4	85.8	128.6
89	46.0	37.3	55.9

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#82

4-Chlorotoluene

Concen: 54.283 ug/l

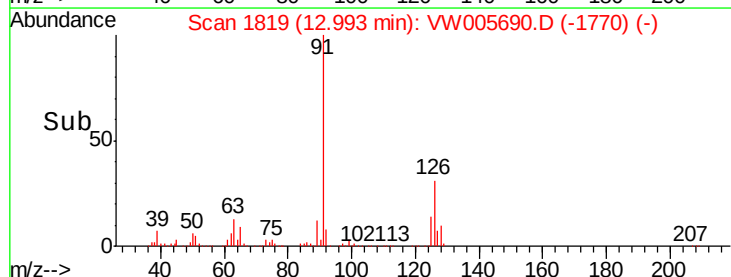
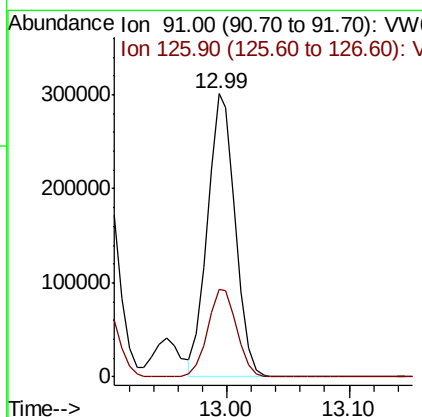
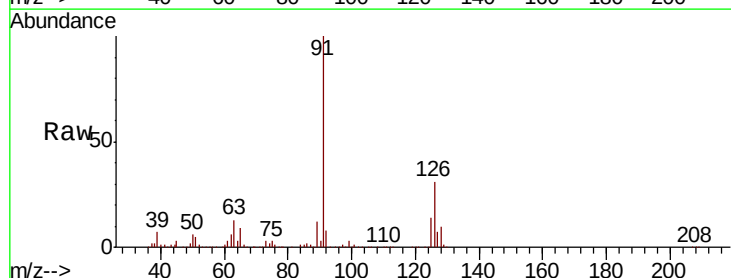
RT: 12.99 min Scan# 1819

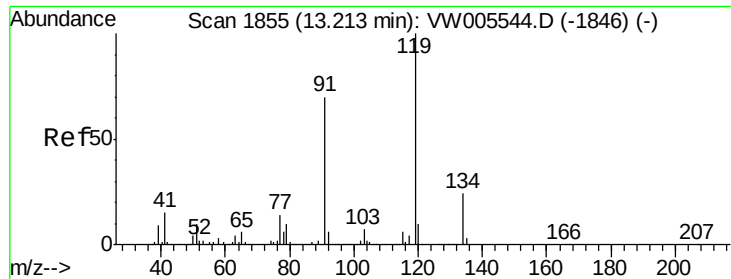
Delta R.T. -0.00 min

Lab File: VW005690.D

Acq: 27 Sep 2018 10:34

Tgt Ion:	91	Resp:	472526
Ion	Ratio	Lower	Upper
91	100		
126	32.5	16.4	49.4





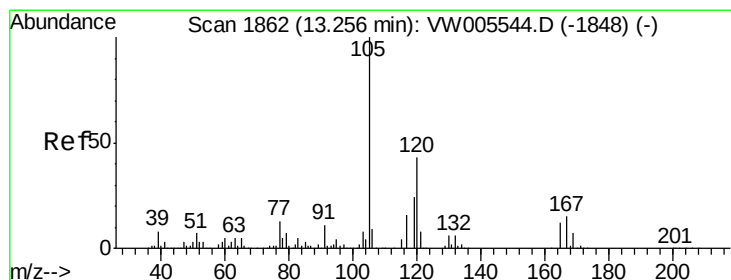
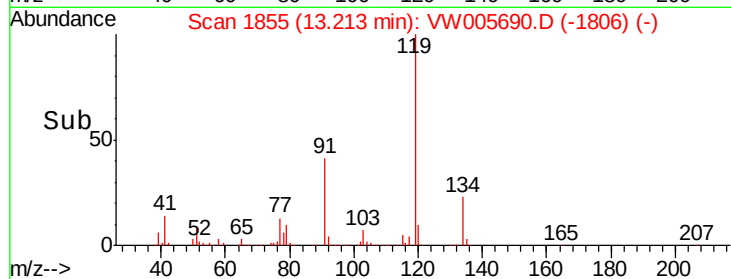
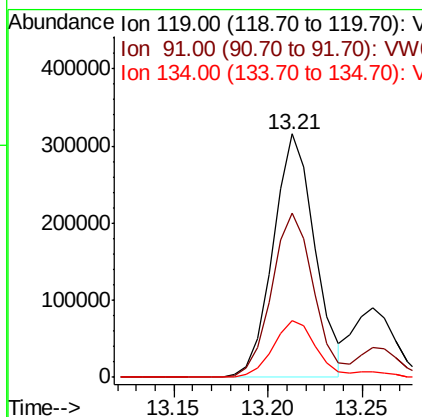
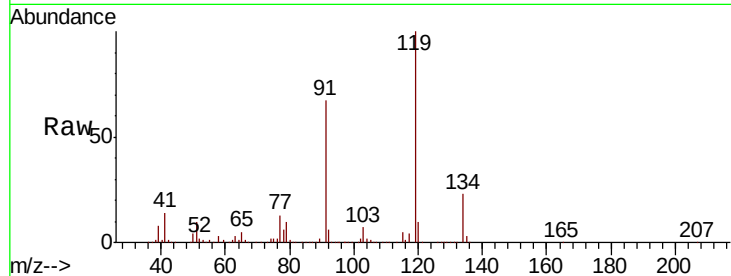
#83
 tert-Butylbenzene
 Concen: 56.350 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW005690.D
 Acq: 27 Sep 2018 10:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.3	34.6	103.8
134	23.9	12.6	37.6

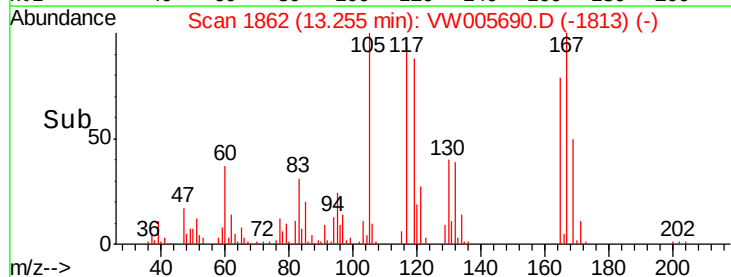
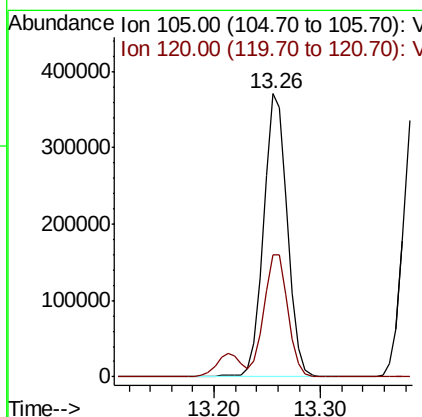
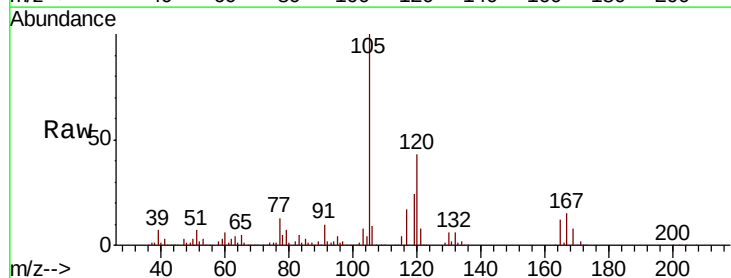
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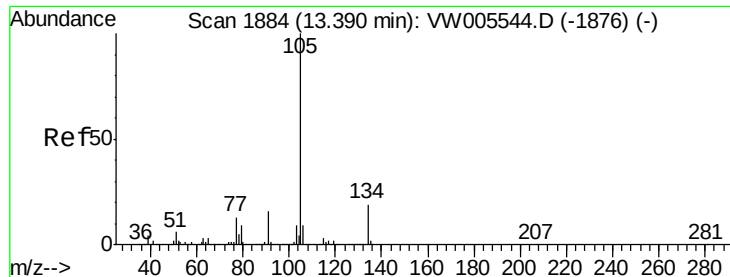
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#84
 1,2,4-Trimethylbenzene
 Concen: 55.980 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW005690.D
 Acq: 27 Sep 2018 10:34

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.6	21.5	64.5





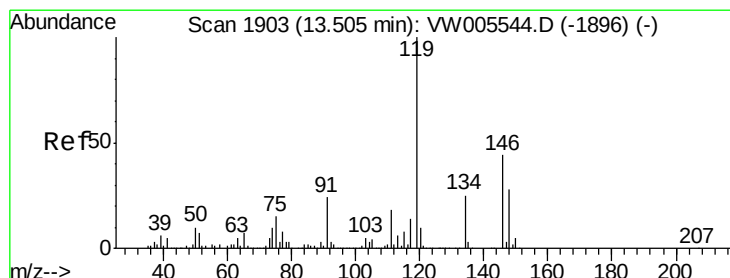
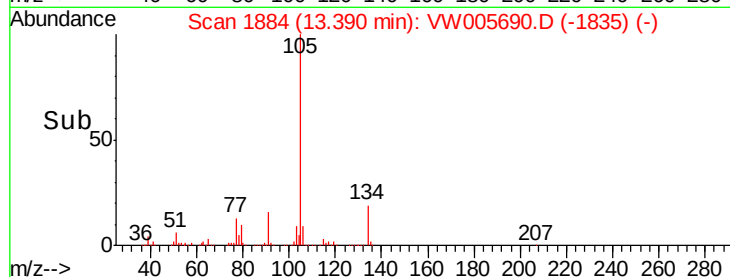
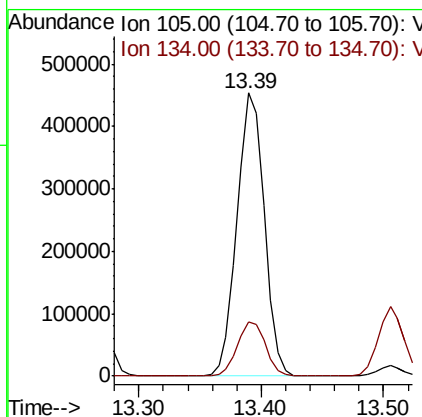
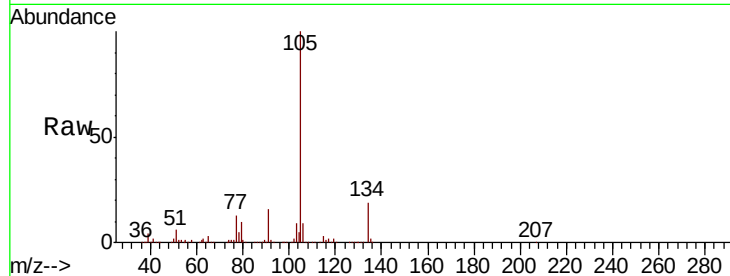
#85
 sec-Butylbenzene
 Concen: 56.274 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW005690.D
 Acq: 27 Sep 2018 10:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.7	9.8	29.5

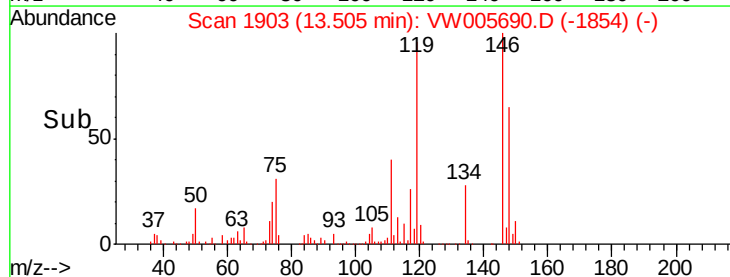
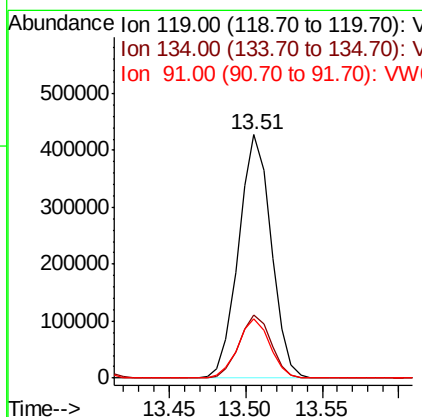
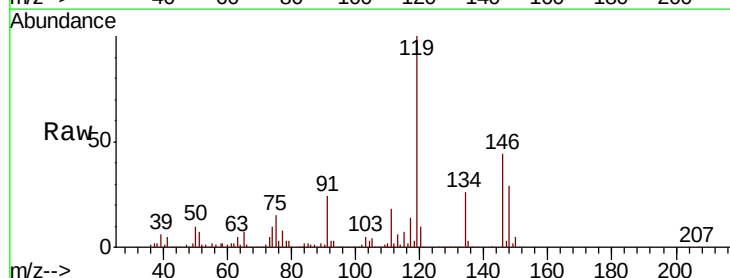
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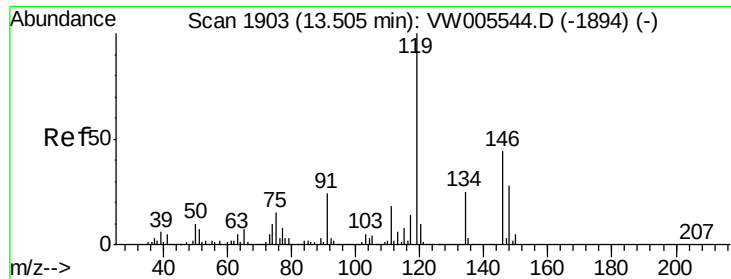
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#86
 p-Isopropyltoluene
 Concen: 56.546 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005690.D
 Acq: 27 Sep 2018 10:34

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.7	12.7	38.1
91	23.9	12.2	36.4





#87

1,3-Dichlorobenzene

Concen: 53.011 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005690.D

Acq: 27 Sep 2018 10:34

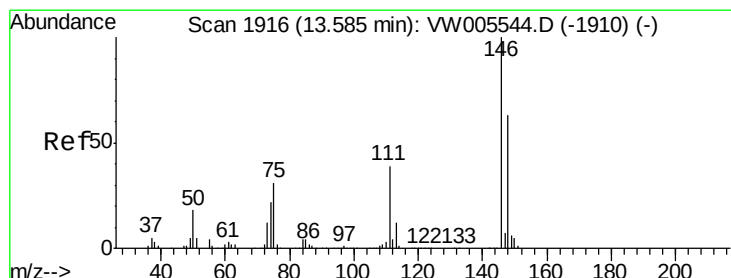
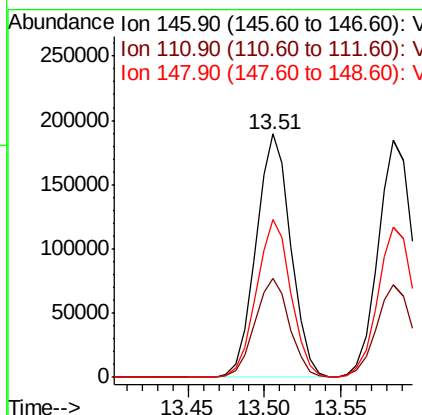
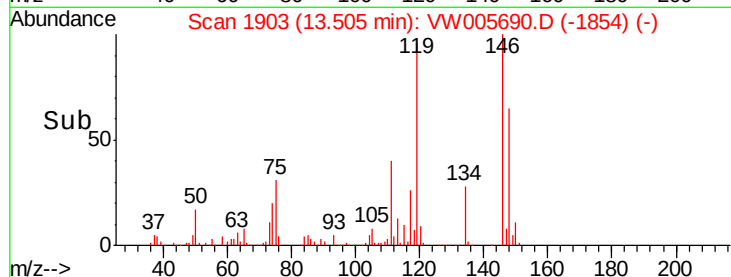
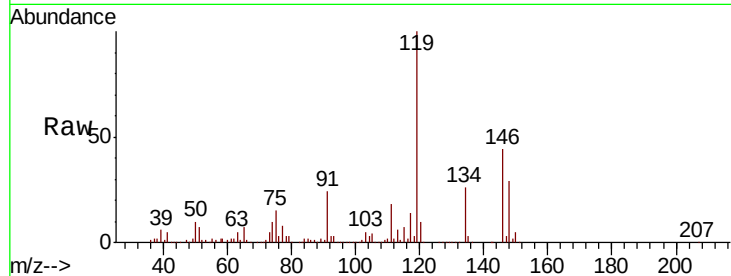
Instrument :
MSVOA_W

ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	298825		
111	40.5	20.3	60.9	
148	64.2	31.8	95.4	

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#88

1,4-Dichlorobenzene

Concen: 52.108 ug/l

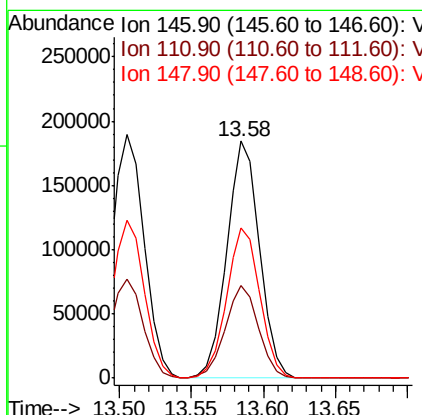
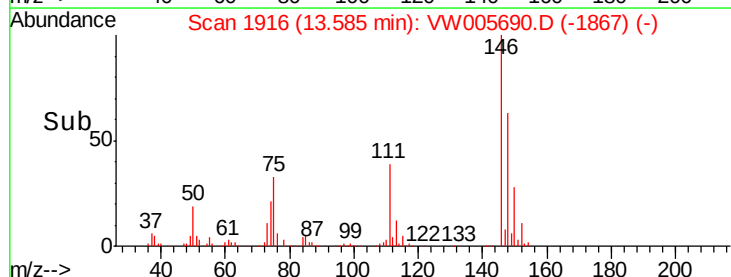
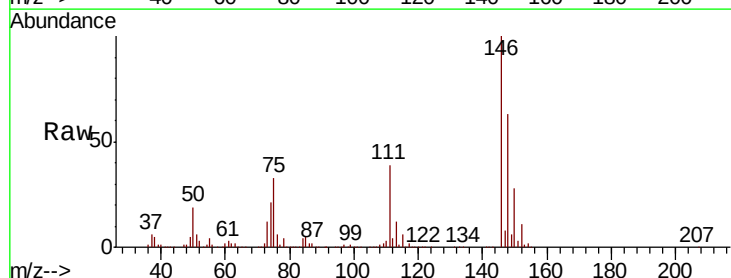
RT: 13.58 min Scan# 1916

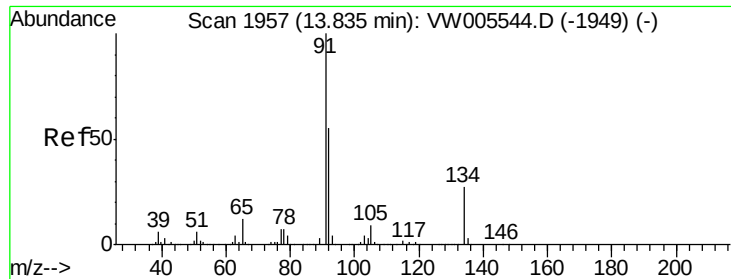
Delta R.T. -0.00 min

Lab File: VW005690.D

Acq: 27 Sep 2018 10:34

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	292134		
111	39.9	19.9	59.7	
148	64.5	32.1	96.3	





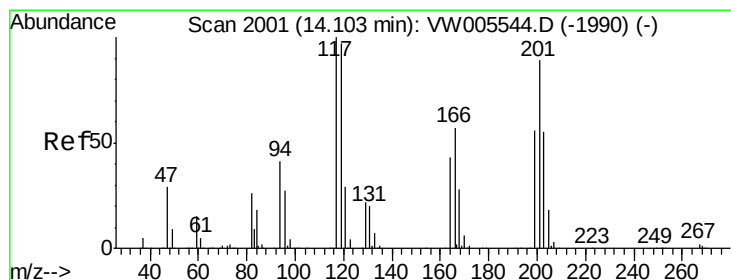
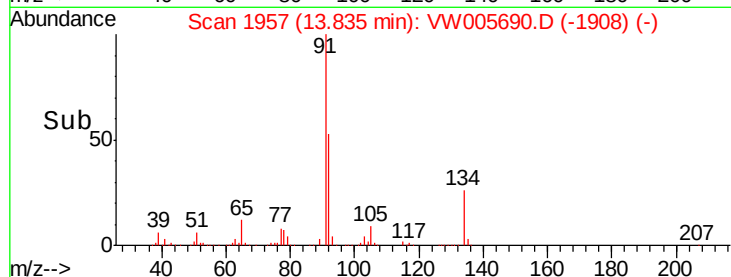
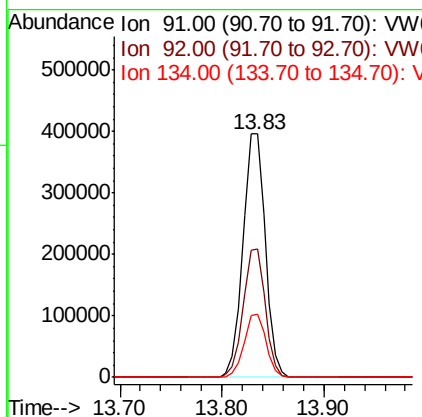
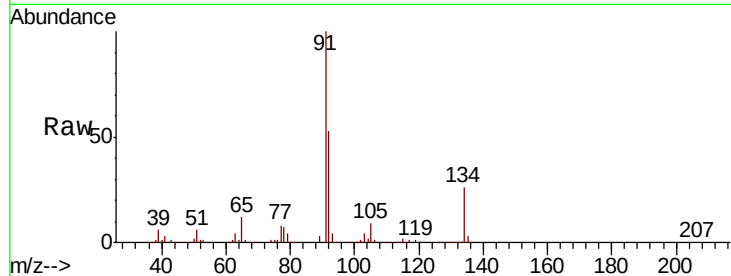
#89
n-Butylbenzene
Concen: 56.945 ug/l
RT: 13.83 min Scan# 1957
Delta R.T. -0.00 min
Lab File: VW005690.D
Acq: 27 Sep 2018 10:34

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	52.2	26.5	79.5	
134	25.5	12.9	38.7	

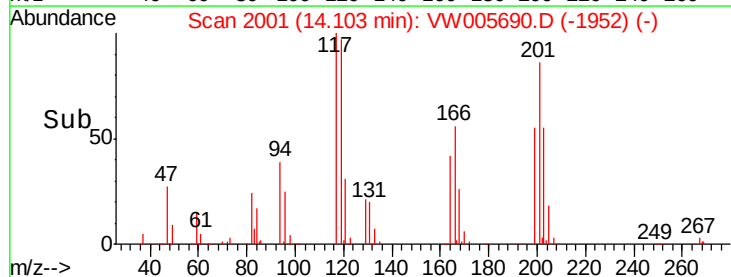
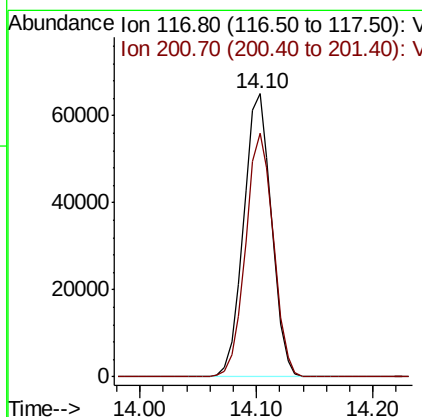
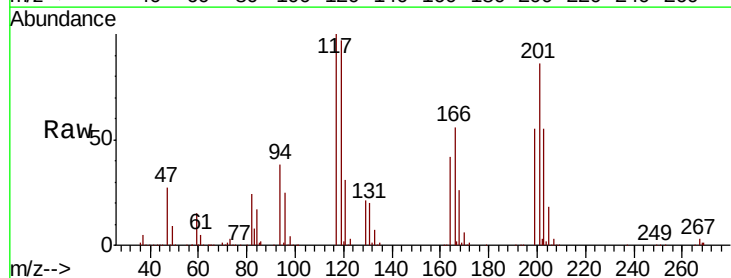
Manual Integrations
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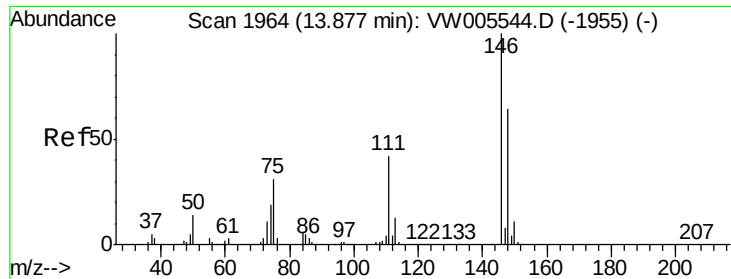
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#90
Hexachloroethane
Concen: 53.715 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. -0.00 min
Lab File: VW005690.D
Acq: 27 Sep 2018 10:34

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	85.9	42.8	128.3	





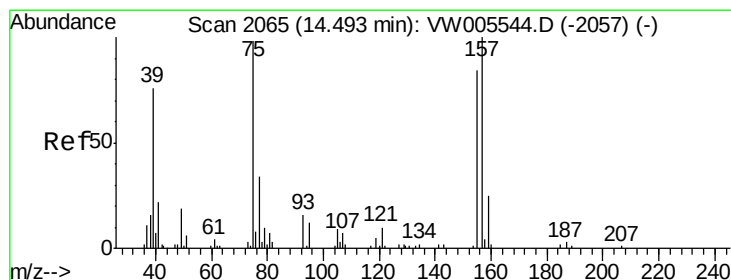
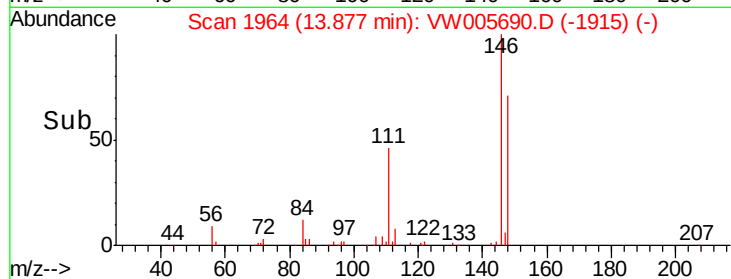
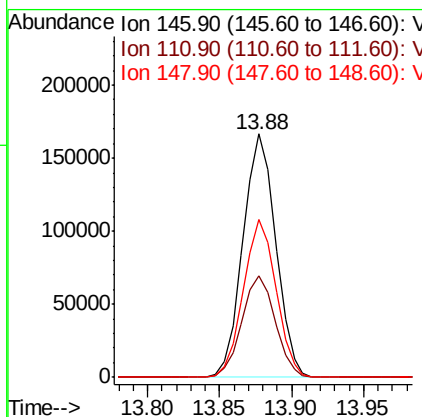
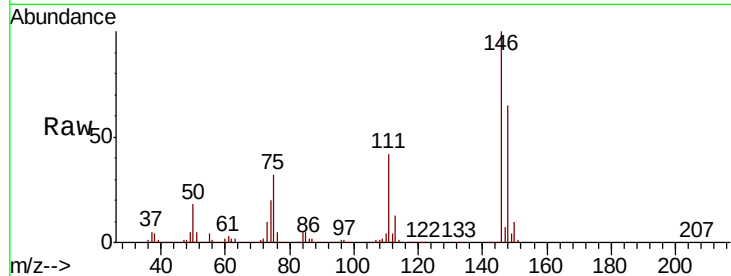
#91
 1,2-Dichlorobenzene
 Concen: 52.953 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW005690.D
 Acq: 27 Sep 2018 10:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	263503		
111	42.3		21.3	63.9
148	64.6		32.0	96.2

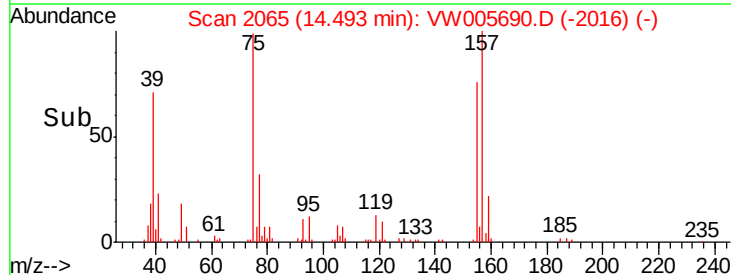
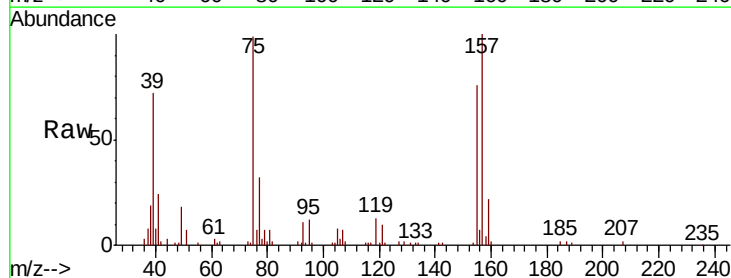
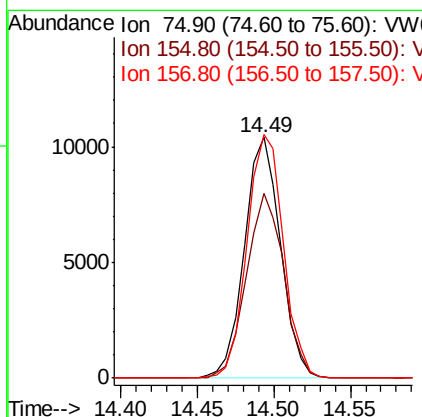
Manual Integrations
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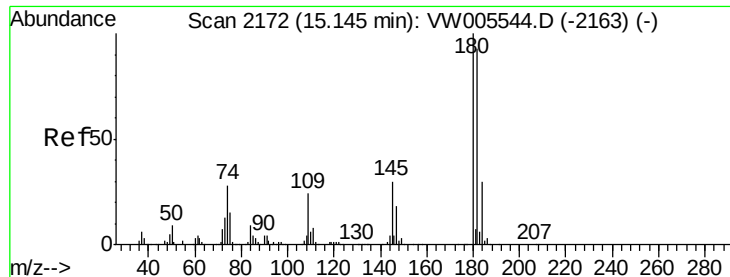
MMDadoda
 9/28/2018 11:06:21 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.789 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW005690.D
 Acq: 27 Sep 2018 10:34

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	17044		
155	79.4		39.1	117.5
157	101.9		50.8	152.4





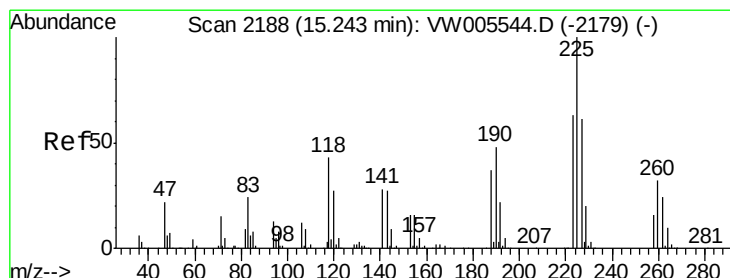
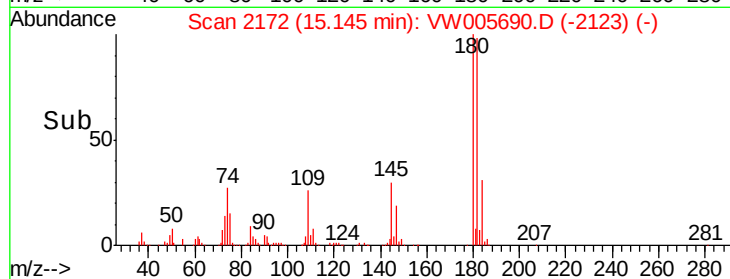
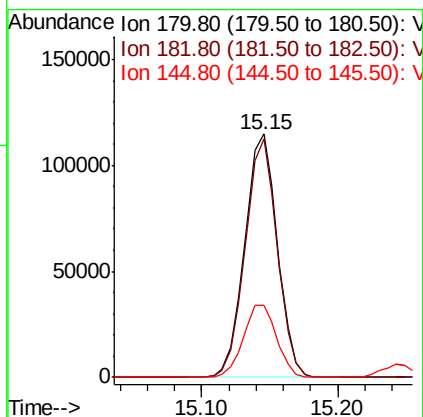
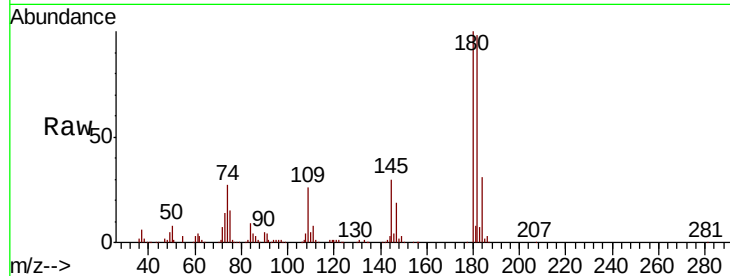
#93
 1,2,4-Trichlorobenzene
 Concen: 54.291 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: VW005690.D
 Acq: 27 Sep 2018 10:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	192722		
182	96.1	47.7	143.1	
145	30.4	15.0	45.1	

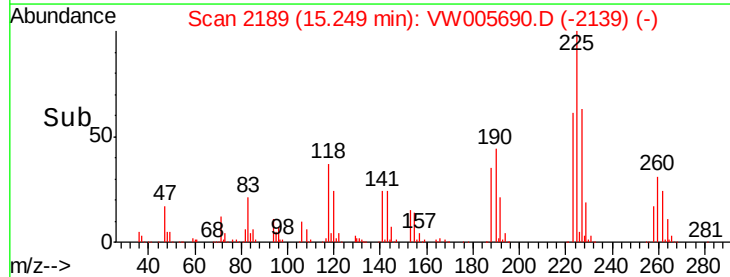
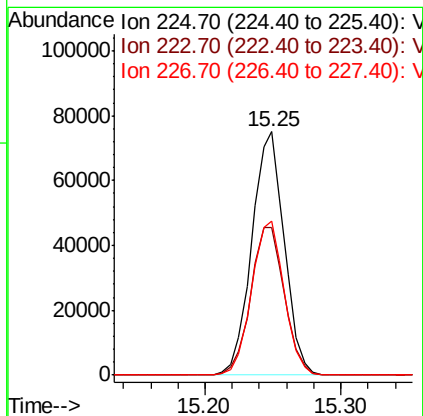
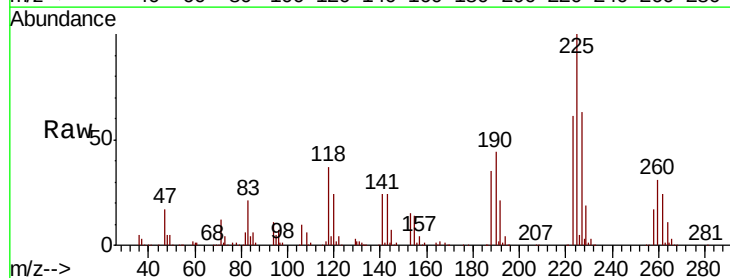
Manual Integrations
 APPROVED

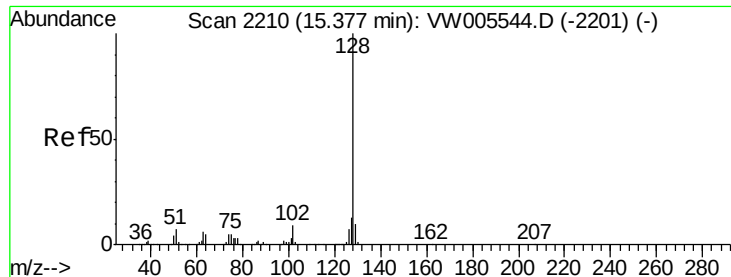
MMDadoda
 9/28/2018 11:06:21 AM



#94
 Hexachlorobutadiene
 Concen: 54.665 ug/l
 RT: 15.25 min Scan# 2189
 Delta R.T. 0.01 min
 Lab File: VW005690.D
 Acq: 27 Sep 2018 10:34

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	125715		
223	63.1	31.1	93.3	
227	63.3	31.8	95.3	





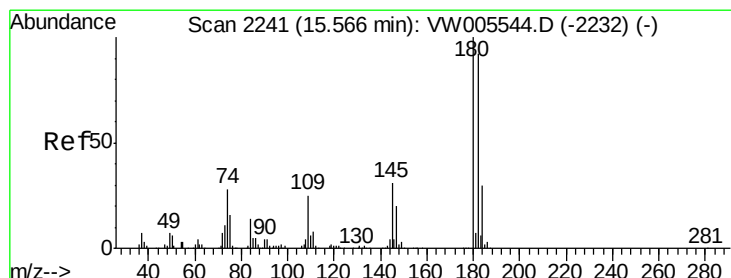
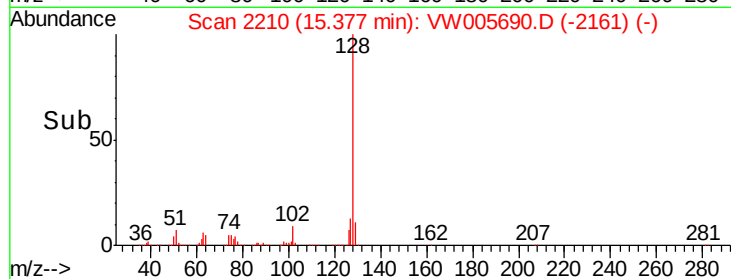
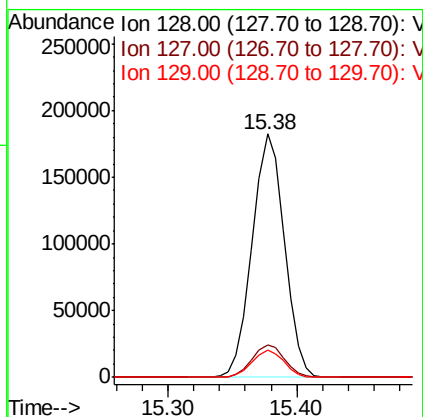
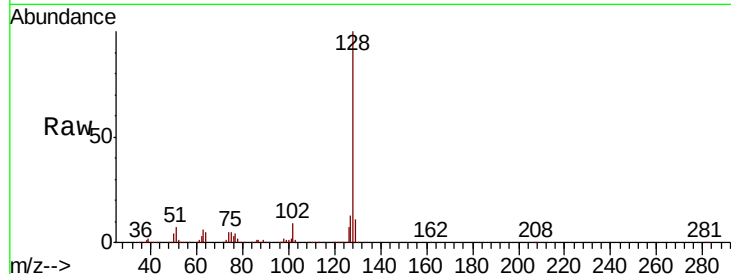
#95
Naphthalene
Concen: 52.683 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005690.D
Acq: 27 Sep 2018 10:34

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
127	13.6	10.9	16.3	
129	11.1	8.6	13.0	

Manual Integrations
APPROVED

MMDadoda
9/28/2018 11:06:21 AM



#96
1,2,3-Trichlorobenzene
Concen: 53.609 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005690.D
Acq: 27 Sep 2018 10:34

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.1	47.3	141.9	
145	32.0	16.0	47.9	

