

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110418\
 Data File : VW006601.D
 Acq On : 02 Nov 2018 14:51
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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 11/5/2018 10:12:36 AM

Quant Time: Nov 02 23:56:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	264953	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	365682	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	336464	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	196013	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	105871	46.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.98%	
35) Dibromofluoromethane	7.88	113	113021	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	
50) Toluene-d8	10.32	98	440515	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
62) 4-Bromofluorobenzene	12.62	95	157597	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	68894	50.159	ug/l	96
3) Chloromethane	2.21	50	85777	50.474	ug/l	99
4) Vinyl Chloride	2.37	62	123242	51.937	ug/l	100
5) Bromomethane	2.78	94	97130	48.775	ug/l	95
6) Chloroethane	2.93	64	79879	48.179	ug/l	95
7) Trichlorofluoromethane	3.26	101	107014	51.070	ug/l	95
8) Diethyl Ether	3.67	74	52031	45.424	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	113604	50.771	ug/l	100
10) Methyl Iodide	4.26	142	183907	45.329	ug/l	99
11) Tert butyl alcohol	5.17	59	31467	256.431	ug/l #	84
12) 1,1-Dichloroethene	4.03	96	107554	49.767	ug/l	95
13) Acrolein	3.89	56	39421	255.421	ug/l	98
14) Allyl chloride	4.66	41	140170	49.688	ug/l	99
15) Acrylonitrile	5.37	53	101654	247.508	ug/l	100
16) Acetone	4.12	43	116309	316.311	ug/l	98
17) Carbon Disulfide	4.37	76	313122	50.914	ug/l	99
18) Methyl Acetate	4.67	43	50023	47.310	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	142688	44.356	ug/l	100
20) Methylene Chloride	4.91	84	112891	47.018	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	120436	49.249	ug/l	98
22) Diisopropyl ether	6.31	45	277268	47.145	ug/l	98
23) Vinyl Acetate	6.26	43	808923	248.032	ug/l	100
24) 1,1-Dichloroethane	6.21	63	193670	48.589	ug/l	100
25) 2-Butanone	7.17	43	141596	269.861	ug/l	95
26) 2,2-Dichloropropane	7.17	77	125210	52.149	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	133206	48.688	ug/l	99
28) Bromochloromethane	7.51	49	76134	48.104	ug/l	99
29) Tetrahydrofuran	7.52	42	80776	244.758	ug/l	100
30) Chloroform	7.68	83	208940	47.812	ug/l	96
31) Cyclohexane	7.95	56	177378	48.895	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	184482	49.890	ug/l	99
36) 1,1-Dichloropropene	8.08	75	170543	53.032	ug/l	100
37) Ethyl Acetate	7.26	43	56054	50.299	ug/l	99
38) Carbon Tetrachloride	8.07	117	180003	53.568	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	224115	54.917	ug/l	98
40) Benzene	8.32	78	473600	51.850	ug/l	99
41) Methacrylonitrile	7.48	41	32430	47.457	ug/l	93
42) 1,2-Dichloroethane	8.40	62	129721	49.521	ug/l	100
43) Isopropyl Acetate	8.43	43	112675	50.668	ug/l	98
44) Trichloroethene	9.09	130	144762	51.359	ug/l	97
45) 1,2-Dichloropropane	9.37	63	109166	51.356	ug/l	100
46) Dibromomethane	9.46	93	62503	50.020	ug/l	98
47) Bromodichloromethane	9.65	83	150098	51.734	ug/l	97
48) Methyl methacrylate	9.44	41	53929	50.334	ug/l	99
49) 1,4-Dioxane	9.45	88	20708	1132.386	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	291393	255.136	ug/l	100
52) Toluene	10.39	92	314544	51.342	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	147692	52.893	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	173004	52.430	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	88149	49.719	ug/l	98
56) Ethyl methacrylate	10.65	69	101001	50.121	ug/l	96
57) 1,3-Dichloropropane	10.93	76	143286	49.770	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	230164	234.965	ug/l	100
59) 2-Hexanone	10.97	43	215446	277.740	ug/l	99
60) Dibromochloromethane	11.13	129	109083	51.929	ug/l	98
61) 1,2-Dibromoethane	11.24	107	87050	49.442	ug/l	100
64) Tetrachloroethene	10.87	164	129220	48.179	ug/l	99
65) Chlorobenzene	11.66	112	363087	51.282	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	127657	51.298	ug/l	99
67) Ethyl Benzene	11.73	91	625558	52.860	ug/l	99
68) m/p-Xylenes	11.84	106	504094	106.618	ug/l	100
69) o-Xylene	12.17	106	237956	52.865	ug/l	99
70) Styrene	12.18	104	386139	52.618	ug/l	100
71) Bromoform	12.35	173	68992	52.300	ug/l #	99
73) Isopropylbenzene	12.47	105	666026	51.580	ug/l	100
74) N-amyl acetate	12.27	43	113124	50.699	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	100168	49.116	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	63076m	41.244	ug/l	
77) Bromobenzene	12.75	156	164084	49.080	ug/l	99
78) n-propylbenzene	12.81	91	788256	53.074	ug/l	100
79) 2-Chlorotoluene	12.90	91	436296	51.187	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	569221	52.473	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	29240	49.539	ug/l	98
82) 4-Chlorotoluene	12.99	91	464488	51.509	ug/l	100
83) tert-Butylbenzene	13.21	119	510100	52.729	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	574534	51.635	ug/l	100
85) sec-Butylbenzene	13.39	105	724814	53.496	ug/l	100
86) p-Isopropyltoluene	13.51	119	658838	53.440	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	336149	51.056	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	332973	51.020	ug/l	100
89) n-Butylbenzene	13.83	91	603511	55.146	ug/l	100
90) Hexachloroethane	14.10	117	107879	53.241	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	293843	49.616	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	15947	48.190	ug/l	98

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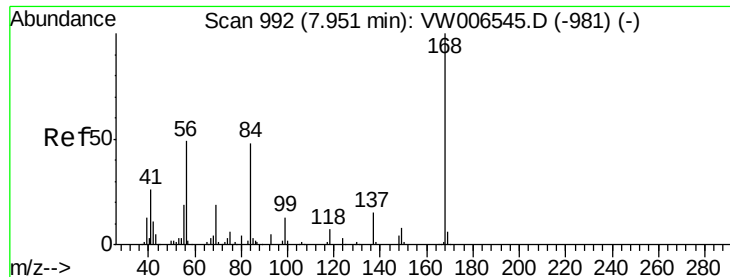
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	222644	50.558	ug/l	100
94) Hexachlorobutadiene	15.24	225	141913	51.706	ug/l	100
95) Naphthalene	15.38	128	351763	49.700	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	191802	49.557	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006601.D

Acq: 02 Nov 2018 14:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 264953

Ion Ratio Lower Upper

168 100

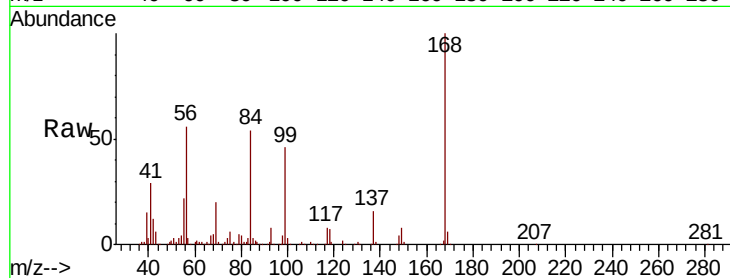
99 46.4 37.4 56.0

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

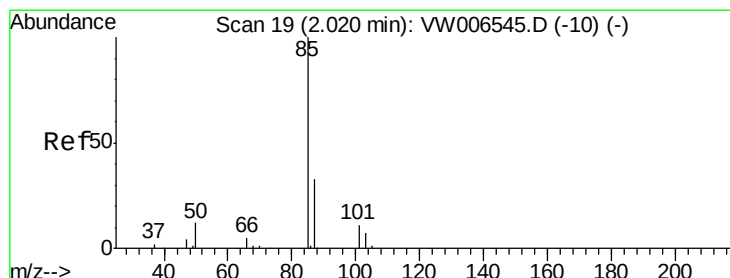
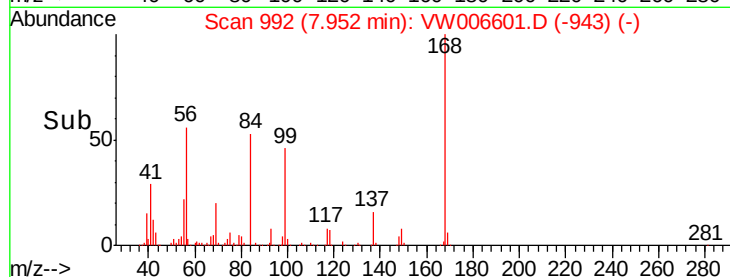
7.95

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 50.159 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.01 min

Lab File: VW006601.D

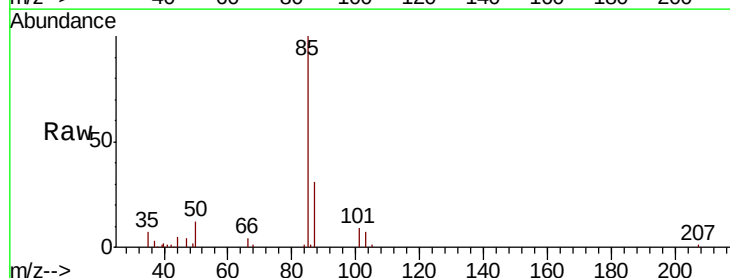
Acq: 02 Nov 2018 14:51

Tgt Ion: 85 Resp: 68894

Ion Ratio Lower Upper

85 100

87 31.5 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

20000

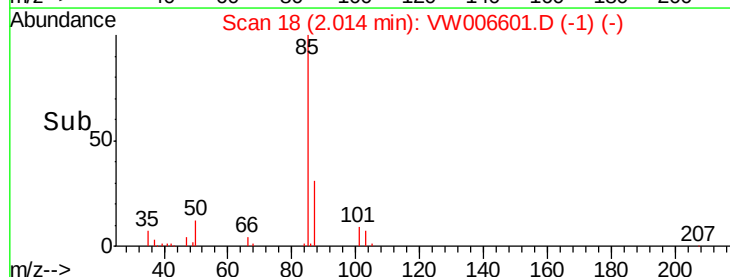
15000

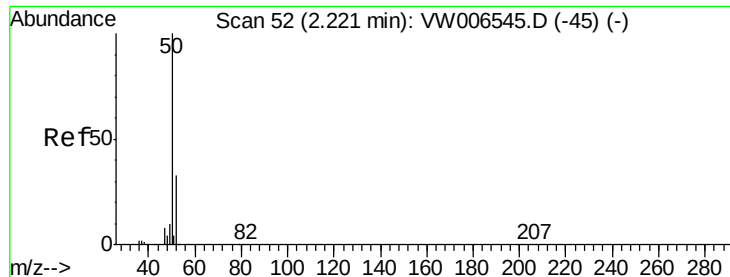
10000

5000

0

Time-->





#3

Chloromethane

Concen: 50.474 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006601.D

Acq: 02 Nov 2018 14:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 85777

Ion Ratio Lower Upper

50 100

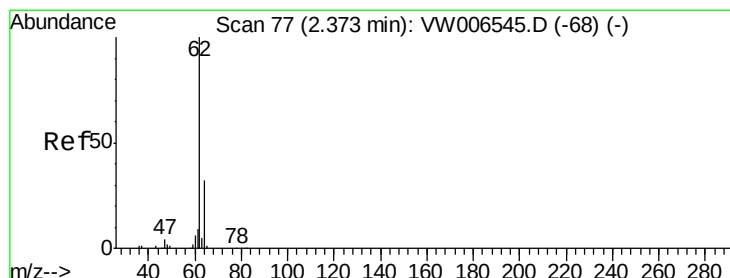
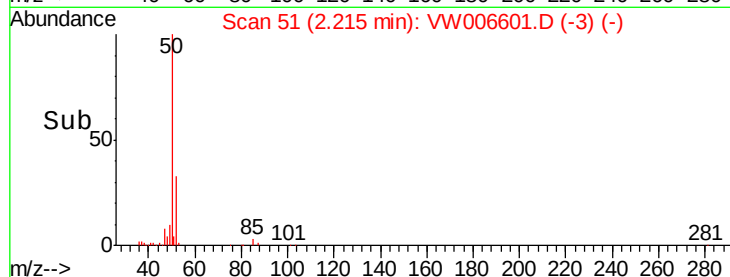
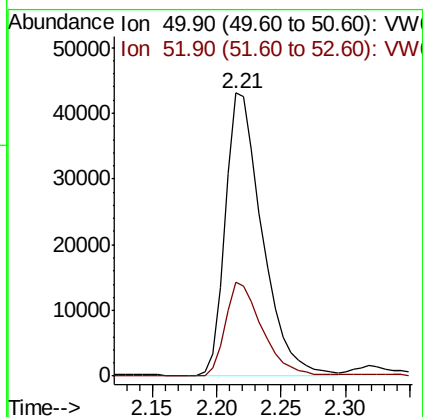
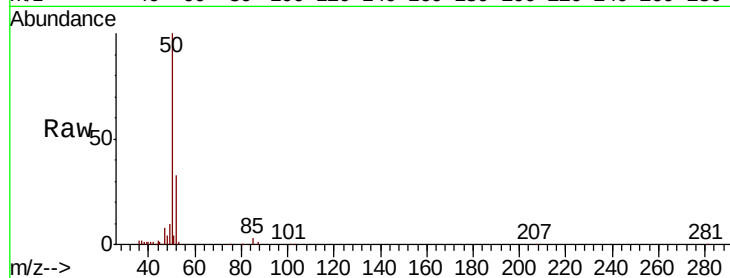
52 33.2 26.2 39.4

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#4

Vinyl Chloride

Concen: 51.937 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006601.D

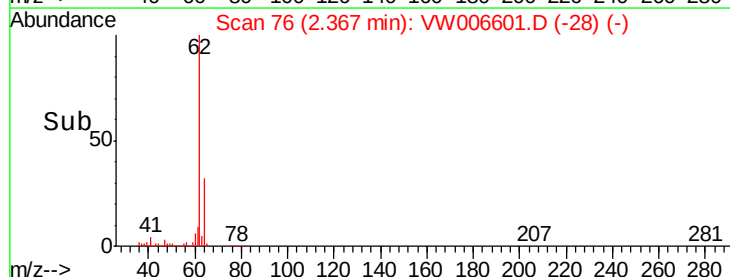
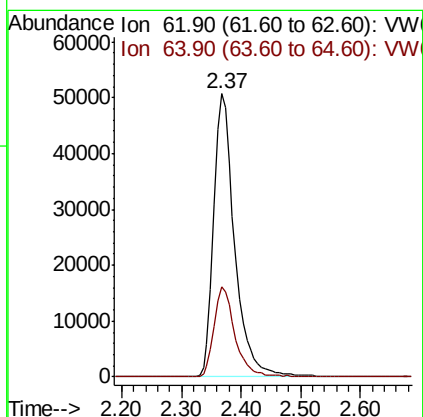
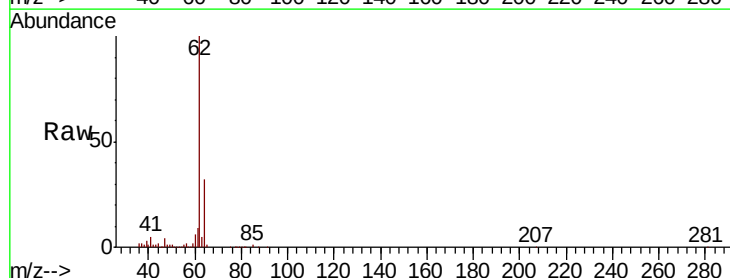
Acq: 02 Nov 2018 14:51

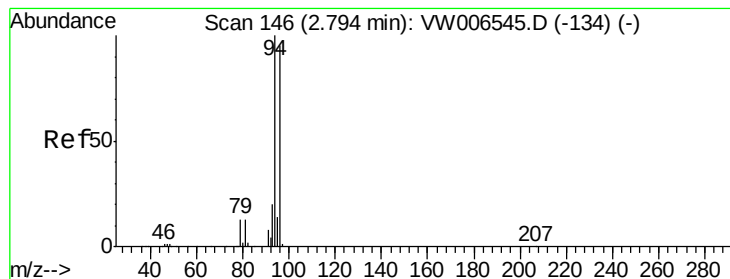
Tgt Ion: 62 Resp: 123242

Ion Ratio Lower Upper

62 100

64 31.7 25.4 38.0





#5

Bromomethane

Concen: 48.775 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW006601.D

Acq: 02 Nov 2018 14:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 97130

Ion Ratio Lower Upper

94 100

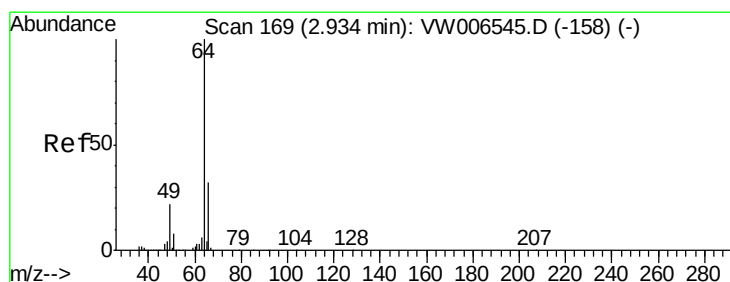
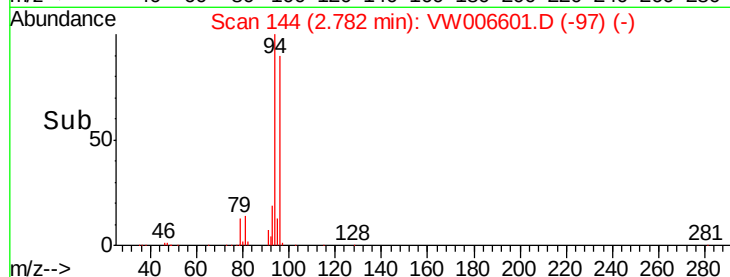
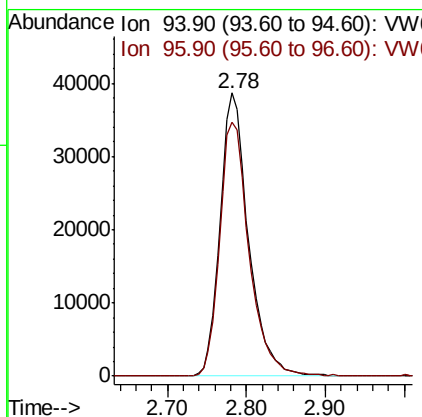
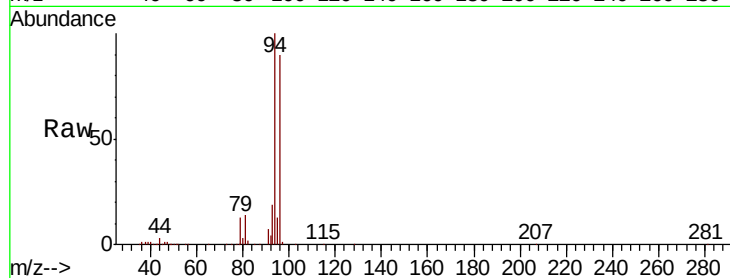
96 89.5 75.7 113.5

Manual Integrations

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#6

Chloroethane

Concen: 48.179 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW006601.D

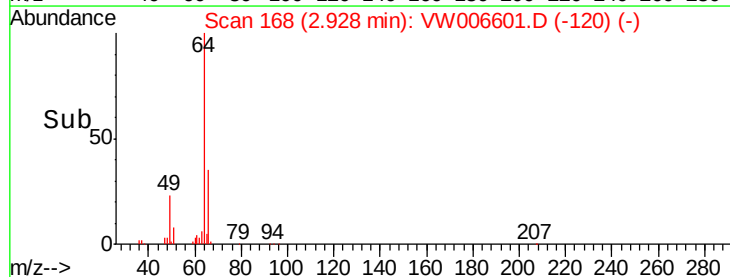
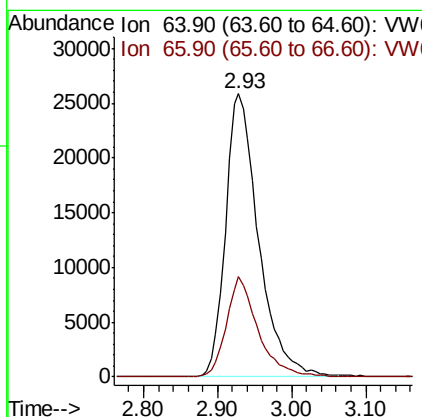
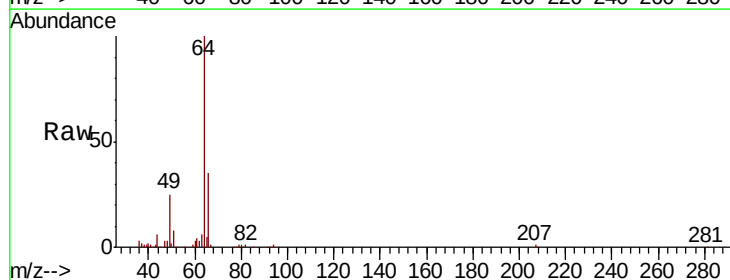
Acq: 02 Nov 2018 14:51

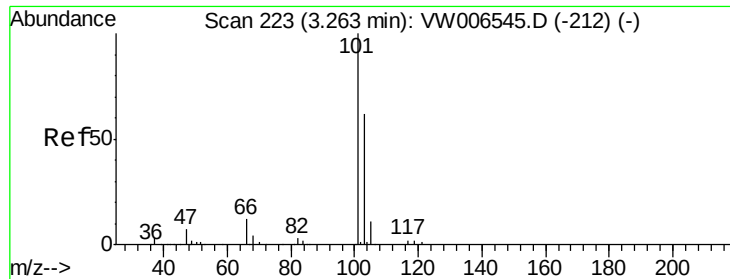
Tgt Ion: 64 Resp: 79879

Ion Ratio Lower Upper

64 100

66 35.2 25.9 38.9





#7

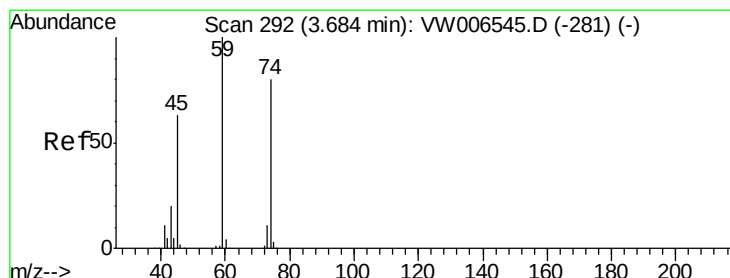
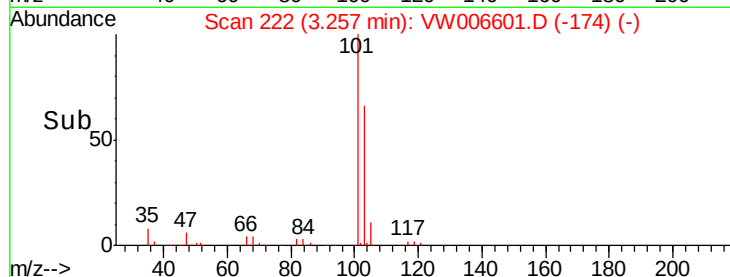
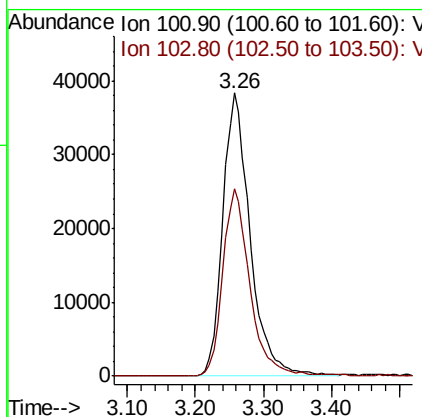
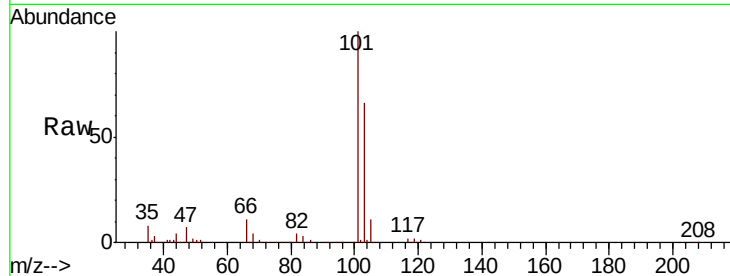
Trichlorofluoromethane
 Concen: 51.070 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW006601.D
 Acq: 02 Nov 2018 14:51

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.0	49.8	74.8

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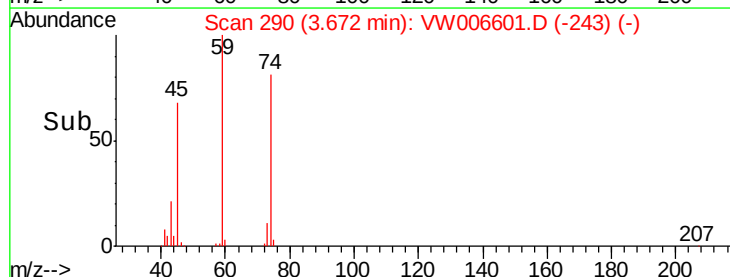
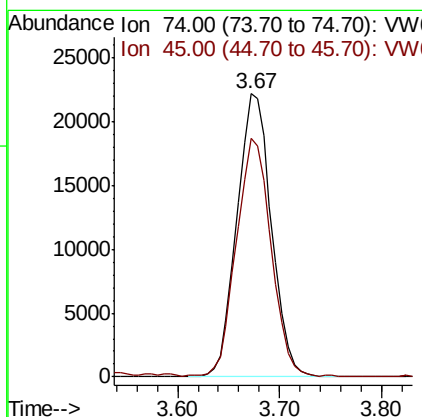
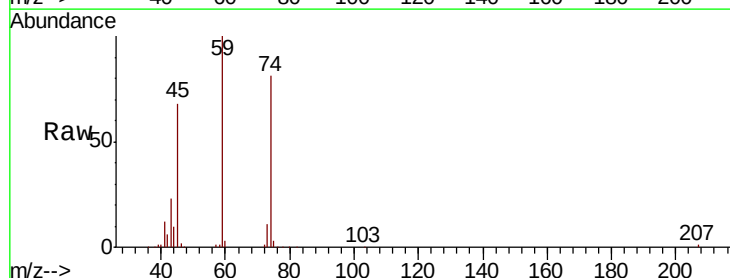
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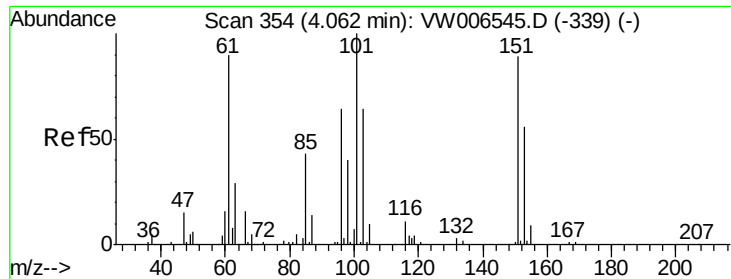


#8

Diethyl Ether
 Concen: 45.424 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW006601.D
 Acq: 02 Nov 2018 14:51

Tgt Ion	Ratio	Lower	Upper
74	100		
45	85.5	41.1	123.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.771 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW006601.D

Acq: 02 Nov 2018 14:51

Instrument :

MSVOA_W

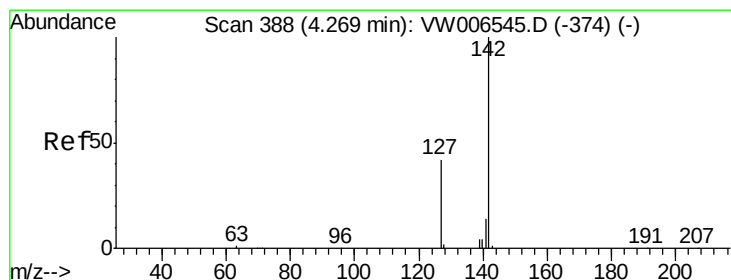
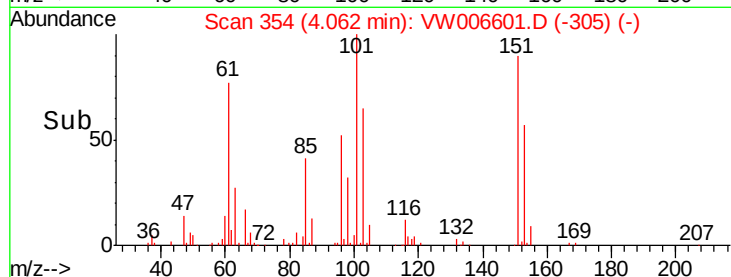
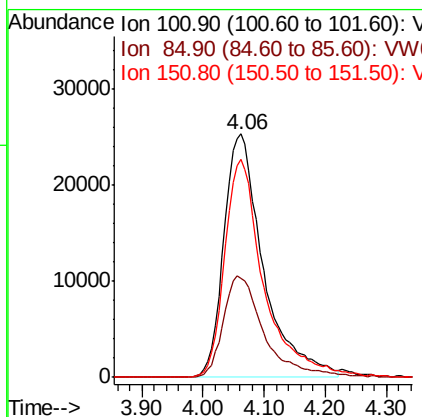
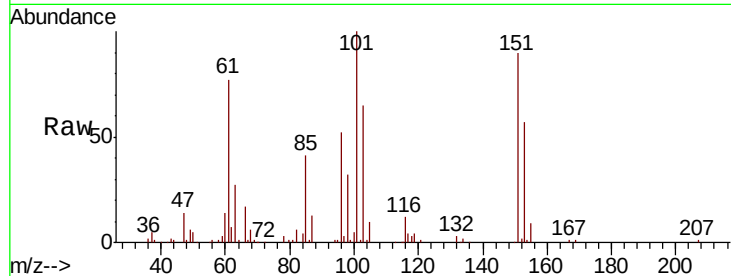
ClientSampled :

VSTDCCC050

Tot Ion:	101	Resp:	113604
Ion Ratio	Lower	Upper	
101	100		
85	43.1	34.2	51.2
151	88.8	70.7	106.1

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#10

Methyl Iodide

Concen: 45.329 ug/l

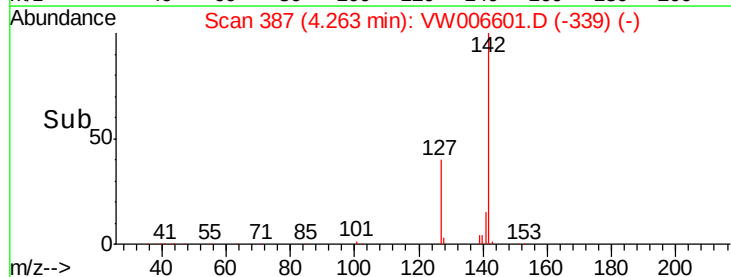
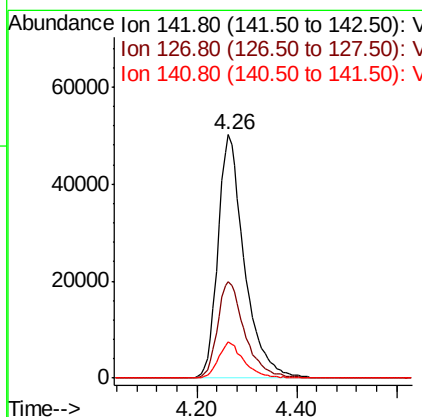
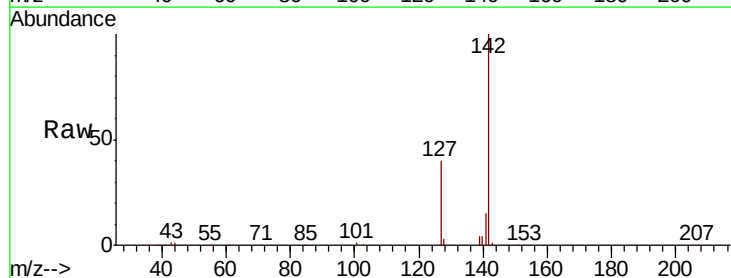
RT: 4.26 min Scan# 387

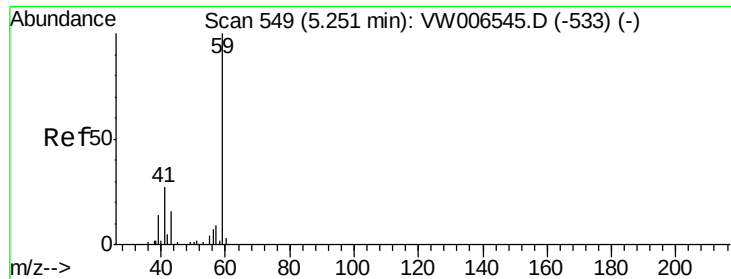
Delta R.T. -0.01 min

Lab File: VW006601.D

Acq: 02 Nov 2018 14:51

Tgt Ion:	142	Resp:	183907
Ion Ratio	Lower	Upper	
142	100		
127	40.9	32.3	48.5
141	14.5	11.3	16.9





#11

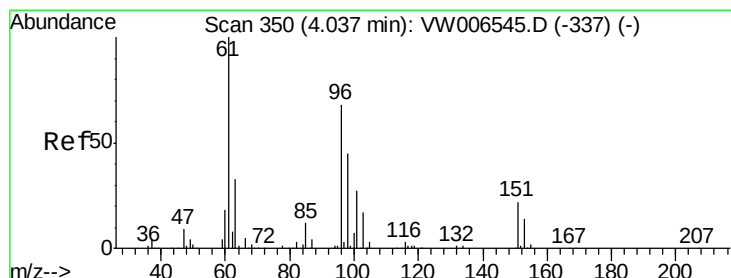
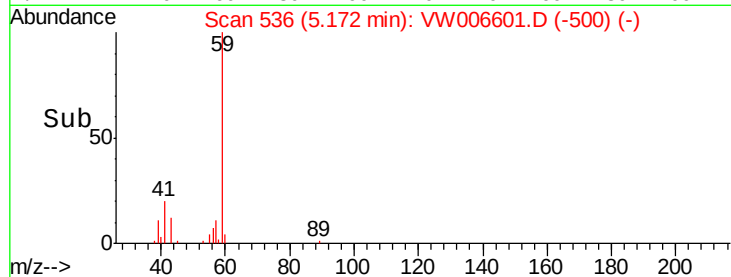
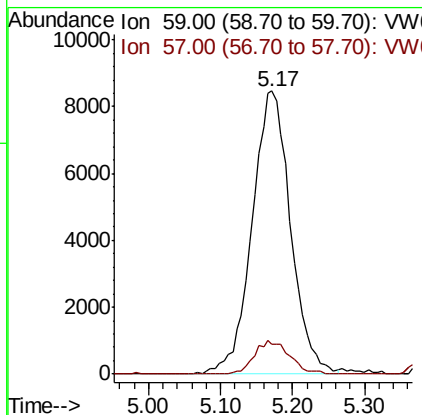
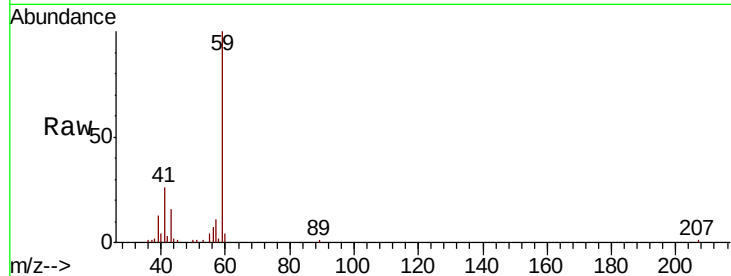
Tert butyl alcohol
Concen: 256.431 ug/l
RT: 5.17 min Scan# 536
Delta R.T. -0.08 min
Lab File: VW006601.D
Acq: 02 Nov 2018 14:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.8	4.3	6.5#

Manual Integrations
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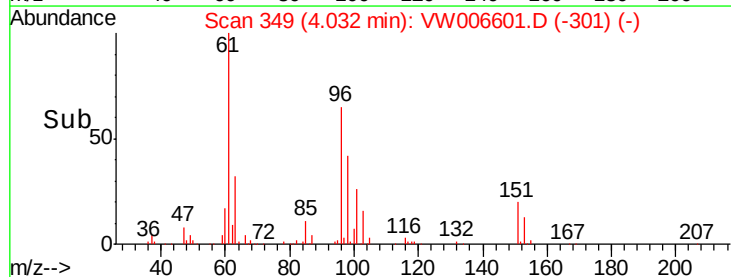
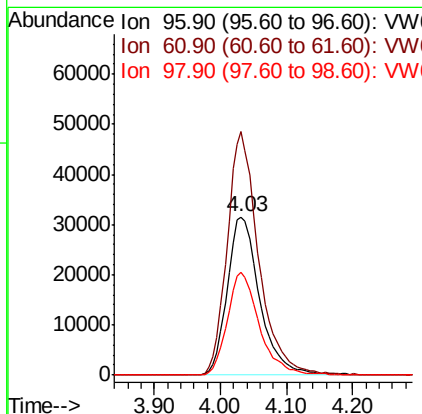
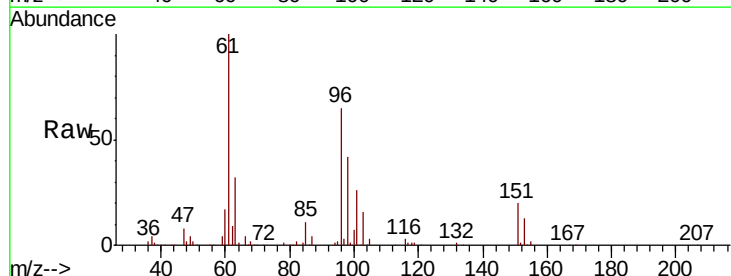
apatel
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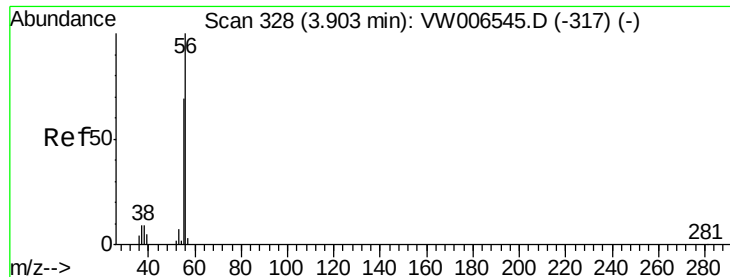


#12

1,1-Dichloroethene
Concen: 49.767 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW006601.D
Acq: 02 Nov 2018 14:51

Tgt Ion	Ratio	Lower	Upper
96	100		
61	154.3	117.0	175.4
98	65.3	52.5	78.7





#13

Acrolein

Concen: 255.421 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.02 min

Lab File: VW006601.D

Acq: 02 Nov 2018 14:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 39421

Ion Ratio Lower Upper

56 100

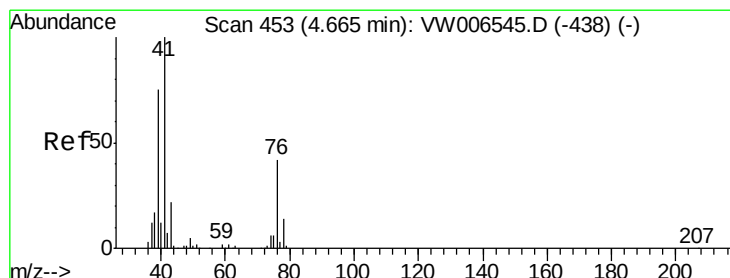
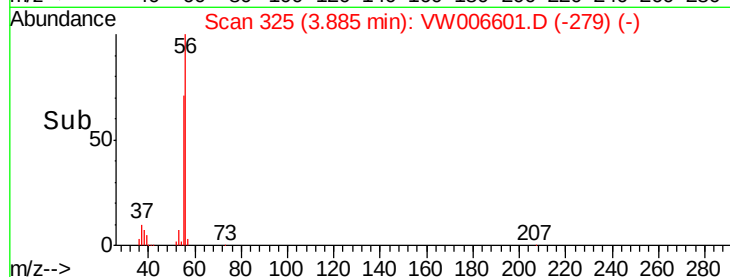
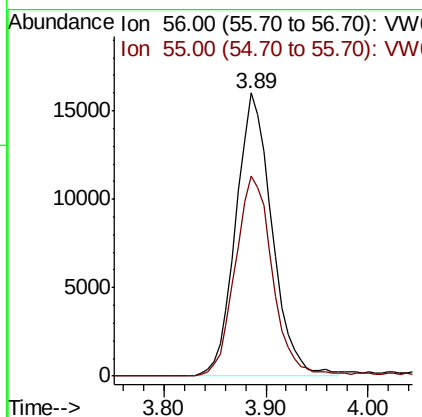
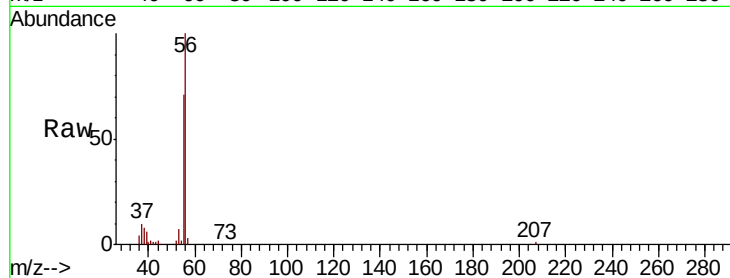
55 72.7 56.9 85.3

Manual Integrations

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#14

Allyl chloride

Concen: 49.688 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW006601.D

Acq: 02 Nov 2018 14:51

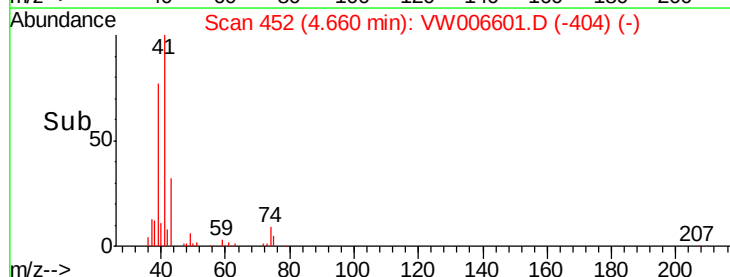
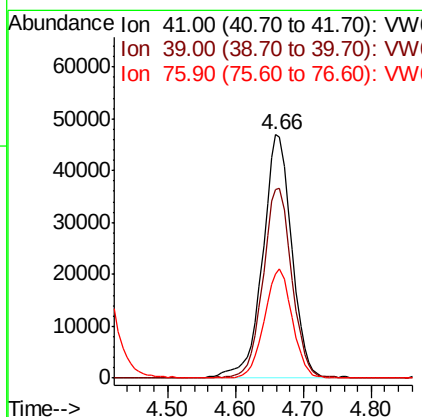
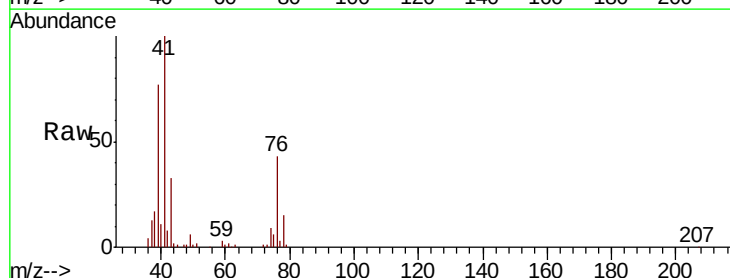
Tgt Ion: 41 Resp: 140170

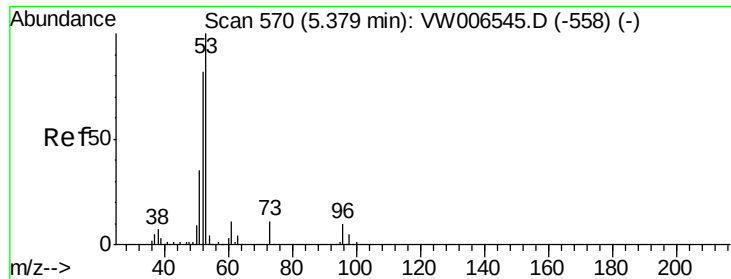
Ion Ratio Lower Upper

41 100

39 76.9 62.1 93.1

76 43.1 34.2 51.2





#15

Acrylonitrile

Concen: 247.508 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.01 min

Lab File: VW006601.D

Acq: 02 Nov 2018 14:51

Instrument :

MSVOA_W

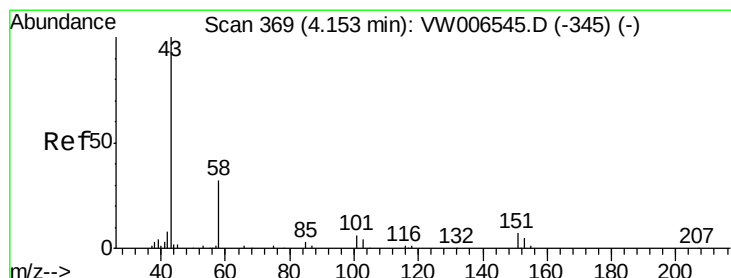
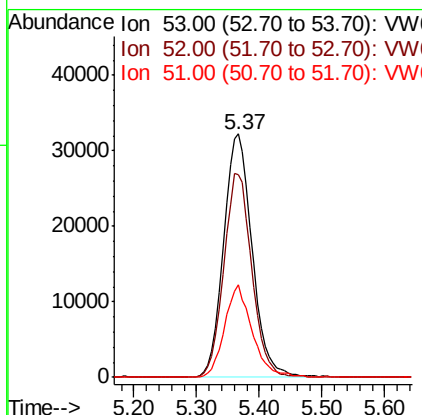
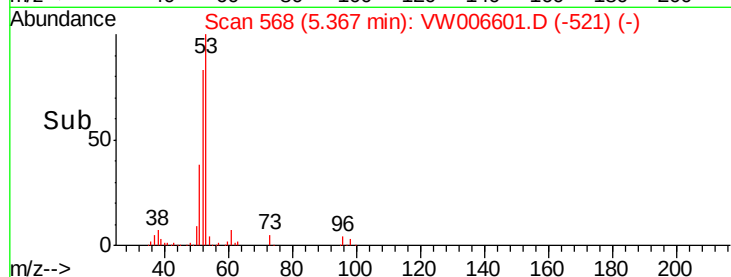
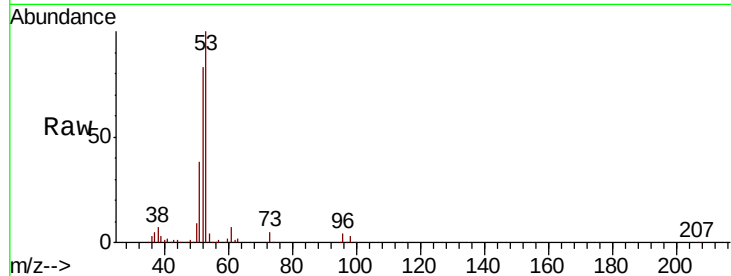
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	101654
Ion Ratio	Lower	Upper	
53	100		
52	82.0	65.8	98.8
51	36.9	29.6	44.4

Manual Integrations
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#16

Acetone

Concen: 316.311 ug/l

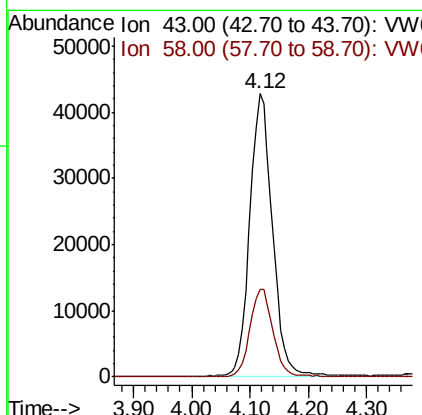
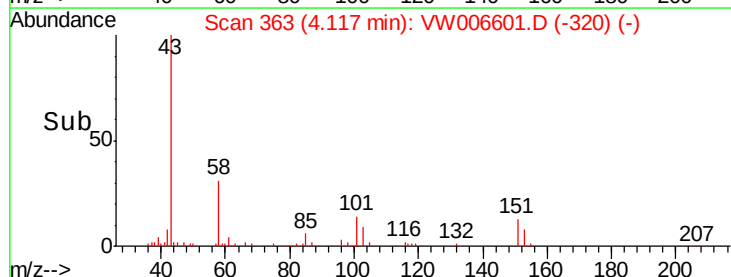
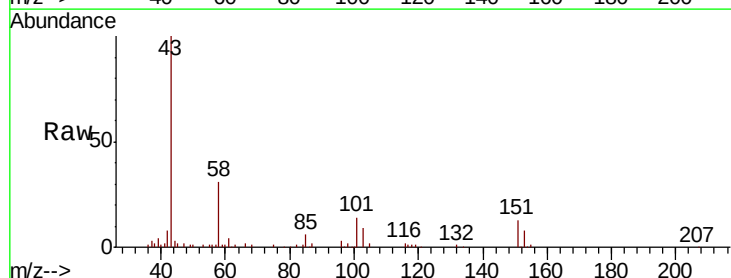
RT: 4.12 min Scan# 363

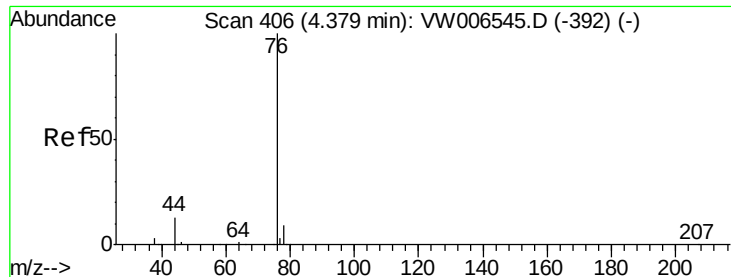
Delta R.T. -0.04 min

Lab File: VW006601.D

Acq: 02 Nov 2018 14:51

Tgt Ion:	43	Resp:	116309
Ion Ratio	Lower	Upper	
43	100		
58	31.0	25.8	38.8





#17

Carbon Disulfide

Concen: 50.914 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW006601.D

Acq: 02 Nov 2018 14:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 313122

Ion Ratio Lower Upper

76 100

78 9.6

7.3

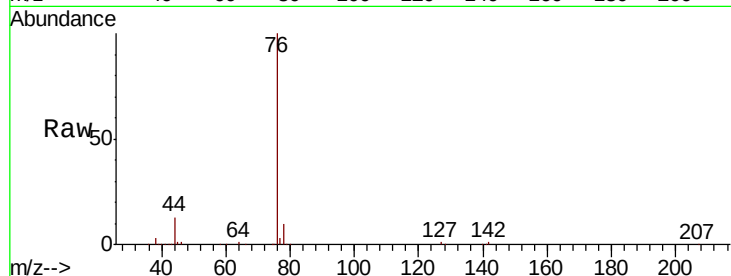
10.9

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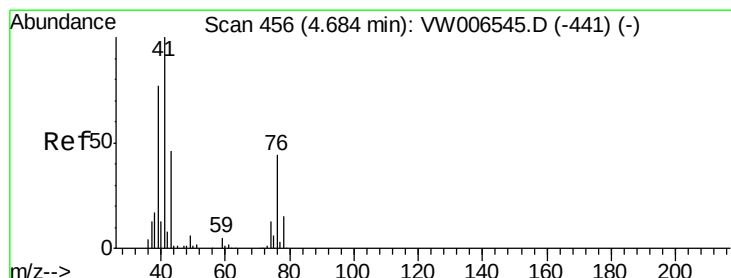
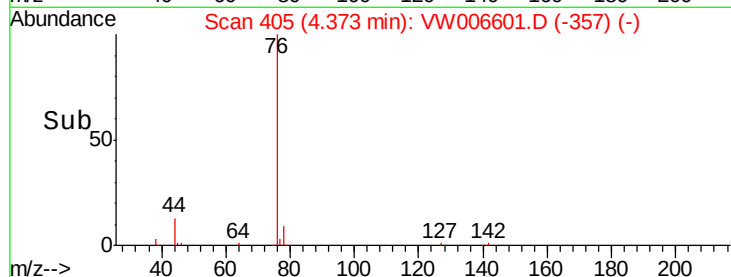
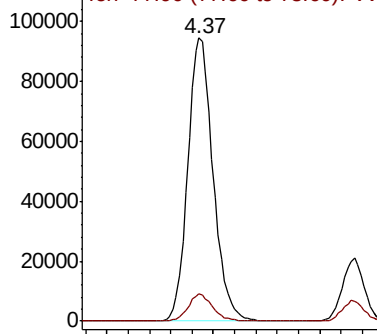
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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 47.310 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.02 min

Lab File: VW006601.D

Acq: 02 Nov 2018 14:51

Tgt Ion: 43 Resp: 50023

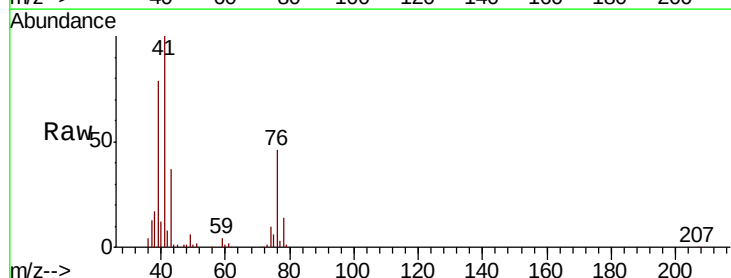
Ion Ratio Lower Upper

43 100

74 26.8

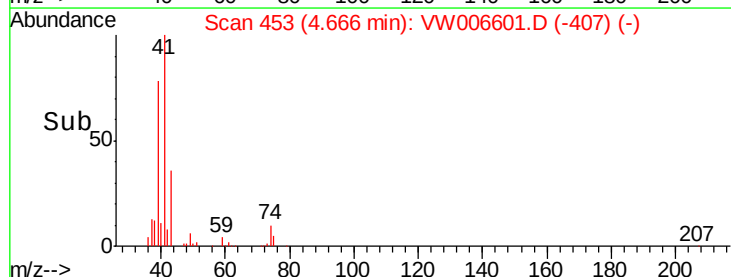
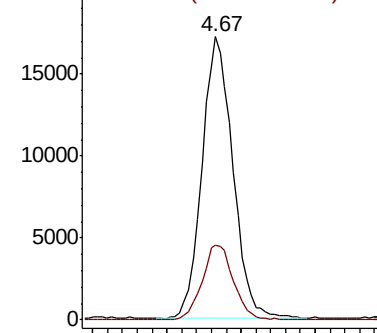
21.9

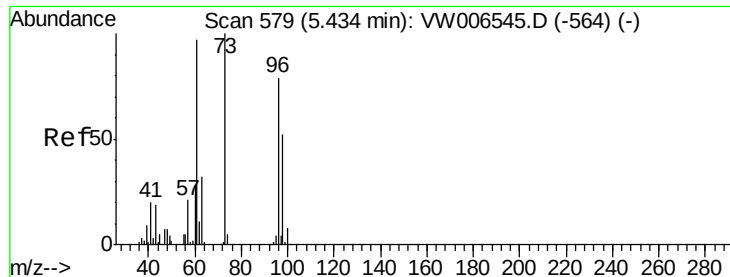
32.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





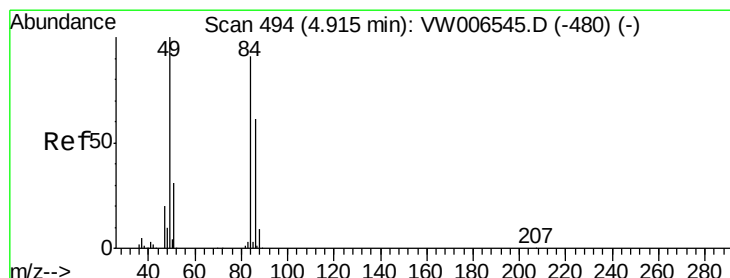
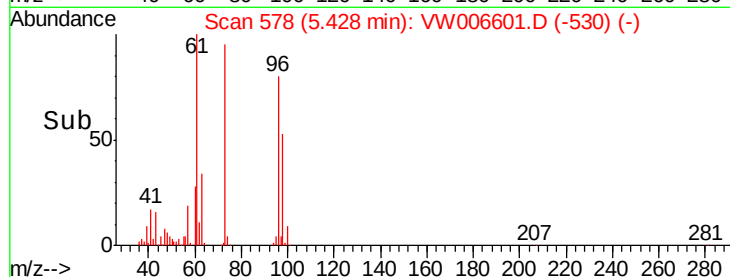
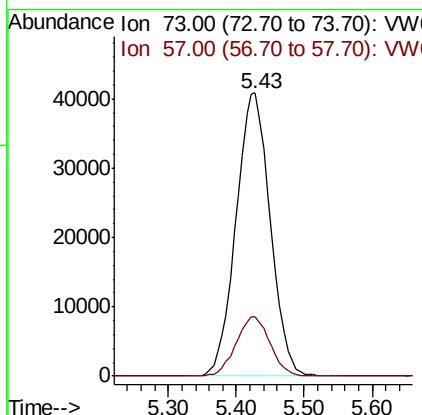
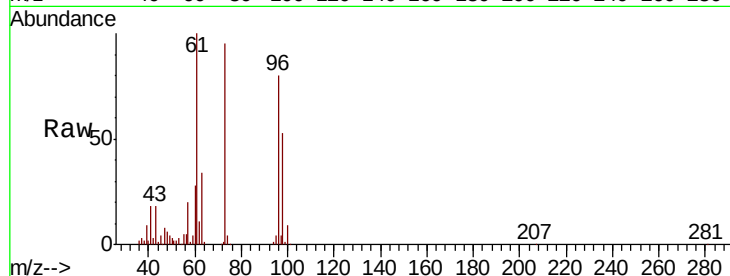
#19
Methyl tert-butyl Ether
Concen: 44.356 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW006601.D
Acq: 02 Nov 2018 14:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 142688
Ion Ratio Lower Upper
73 100
57 20.8 16.7 25.1

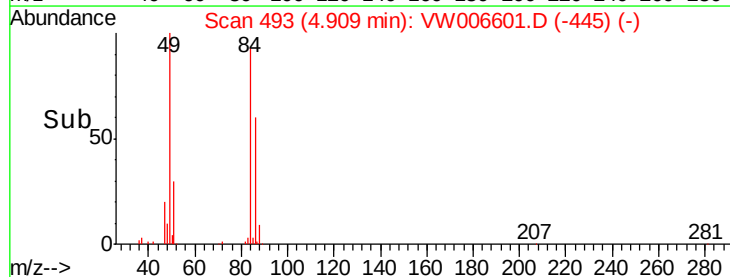
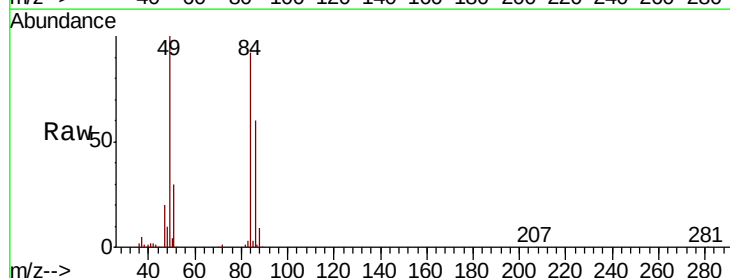
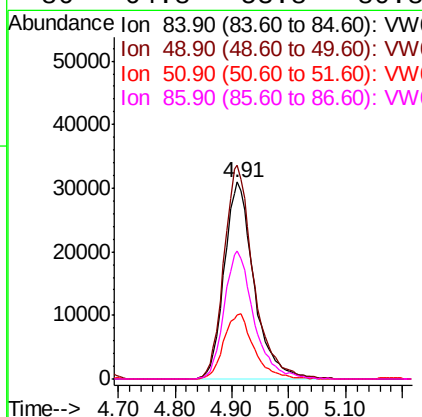
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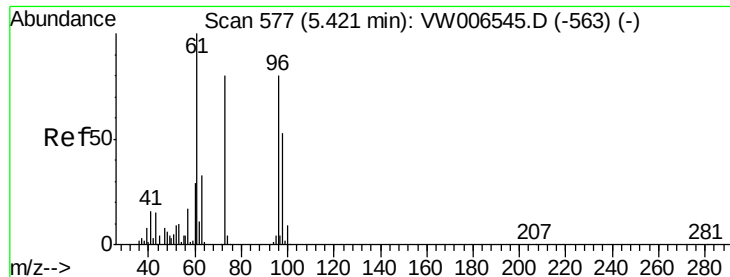
apatel
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#20
Methylene Chloride
Concen: 47.018 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006601.D
Acq: 02 Nov 2018 14:51

Tgt Ion: 84 Resp: 112891
Ion Ratio Lower Upper
84 100
49 108.6 88.2 132.4
51 32.7 27.0 40.6
86 64.8 53.8 80.8





#21

trans-1,2-Dichloroethene

Concen: 49.249 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW006601.D

Acq: 02 Nov 2018 14:51

Instrument :

MSVOA_W

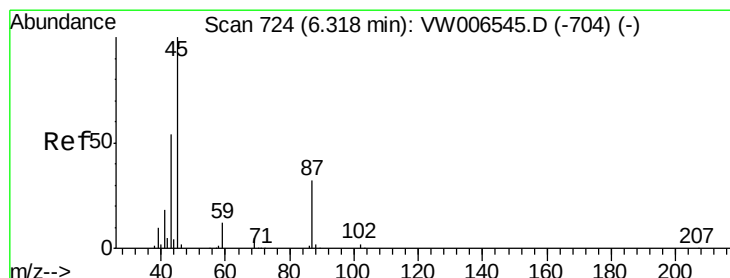
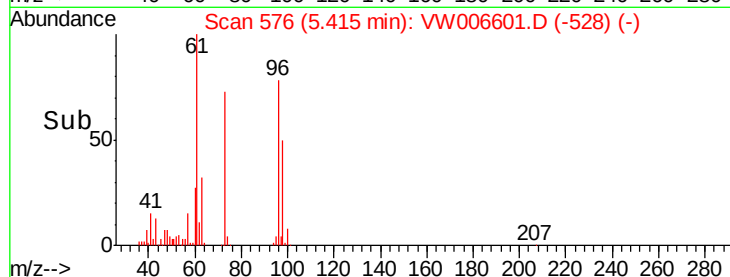
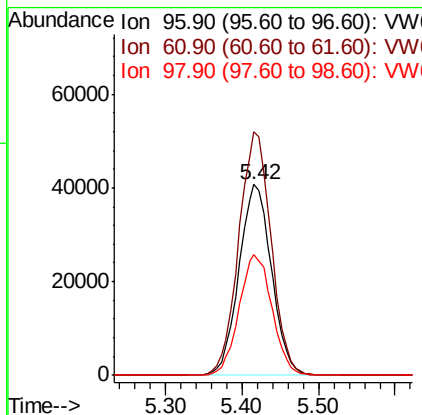
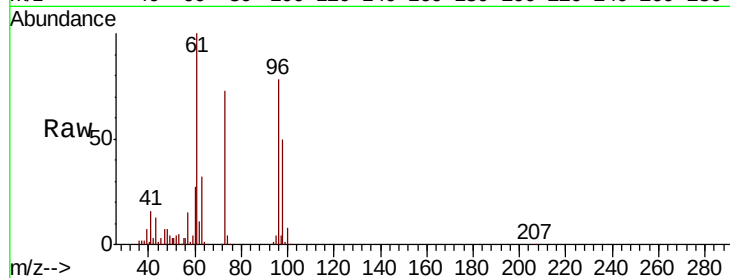
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	120436
Ion	Ratio	Lower	Upper
96	100		
61	127.7	100.6	150.8
98	63.3	52.9	79.3

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#22

Diisopropyl ether

Concen: 47.145 ug/l

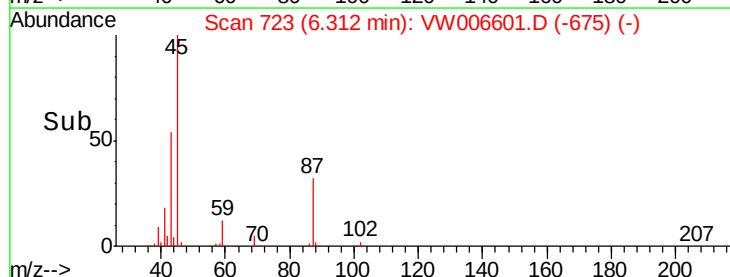
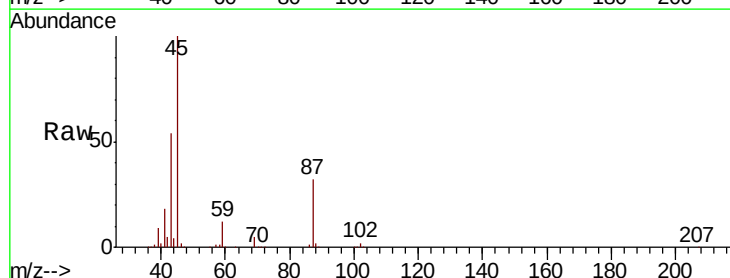
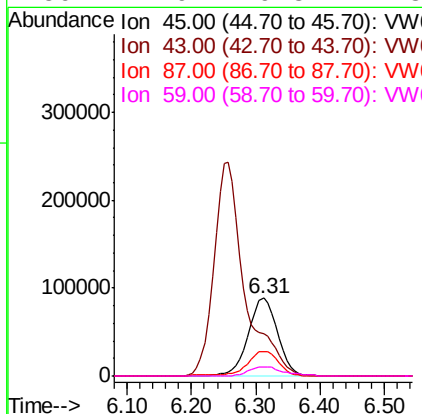
RT: 6.31 min Scan# 723

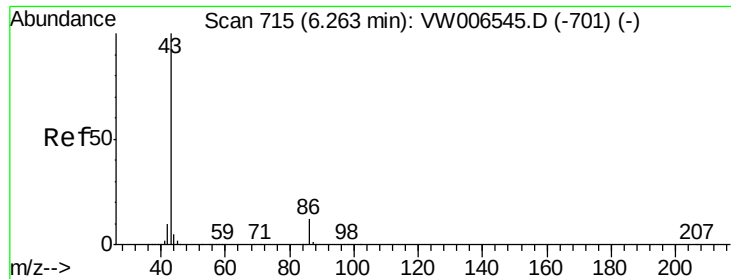
Delta R.T. -0.01 min

Lab File: VW006601.D

Acq: 02 Nov 2018 14:51

Tgt Ion:	45	Resp:	277268
Ion	Ratio	Lower	Upper
45	100		
43	53.4	43.6	65.4
87	32.0	26.3	39.5
59	11.9	9.8	14.8





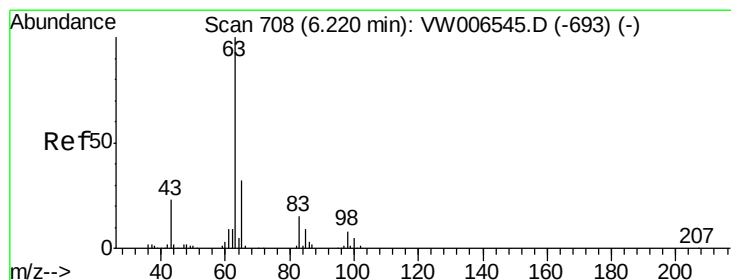
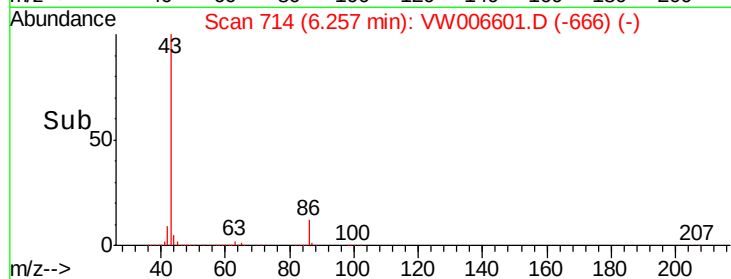
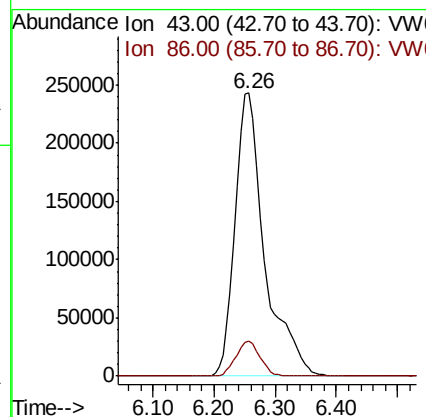
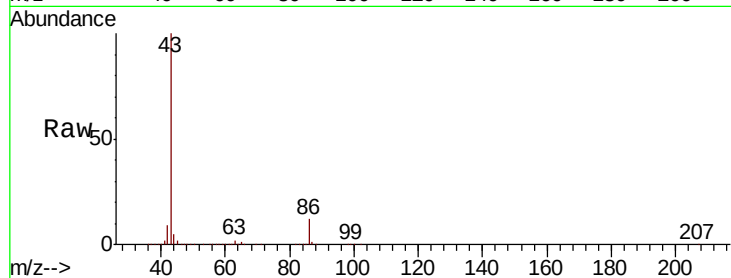
#23
 Vinyl Acetate
 Concen: 248.032 ug/l
 RT: 6.26 min Scan# 714
 Delta R.T. -0.01 min
 Lab File: VW006601.D
 Acq: 02 Nov 2018 14:51

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDCCC050

Tot Ion	43	Resp	808923
Ion Ratio	100	Lower	Upper
43	100		
86	12.4	9.8	14.8

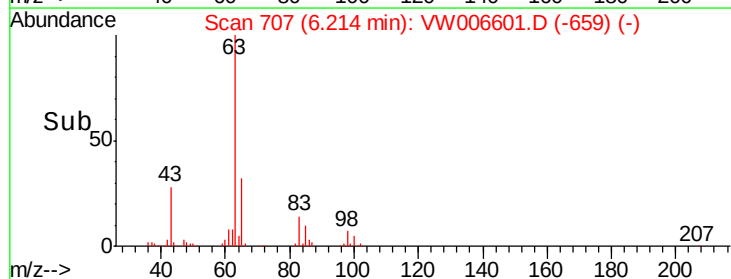
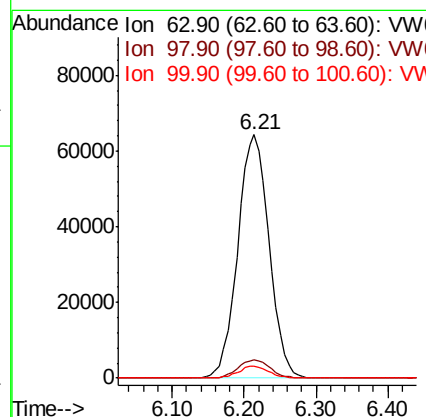
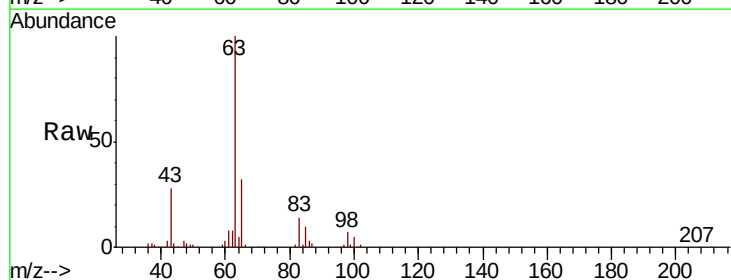
Manual Integrations
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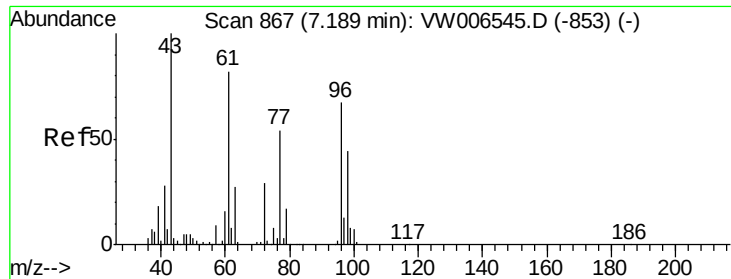
apatel
 11/5/2018 10:12:36 AM



#24
 1,1-Dichloroethane
 Concen: 48.589 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. -0.01 min
 Lab File: VW006601.D
 Acq: 02 Nov 2018 14:51

Tgt Ion	63	Resp	193670
Ion Ratio	100	Lower	Upper
63	100		
98	7.4	3.8	11.4
100	4.8	2.4	7.2





#25

2-Butanone

Concen: 269.861 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.02 min

Lab File: VW006601.D

Acq: 02 Nov 2018 14:51

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 141596

Ion Ratio Lower Upper

43 100

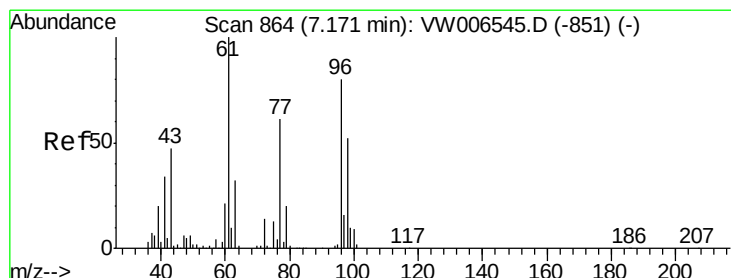
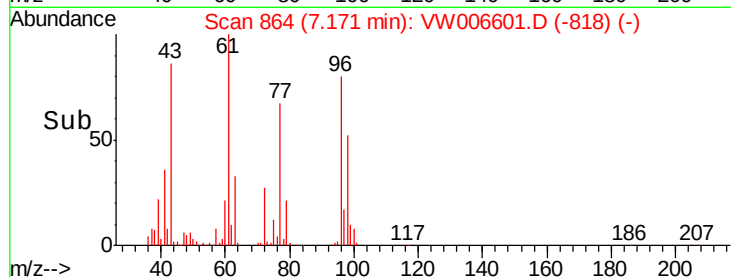
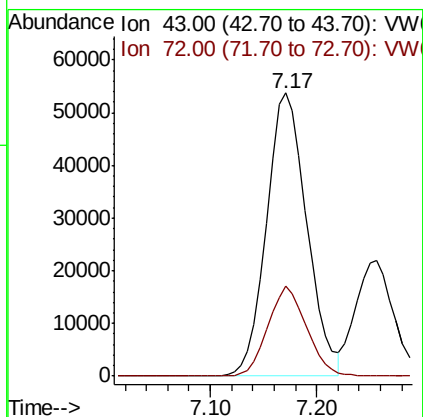
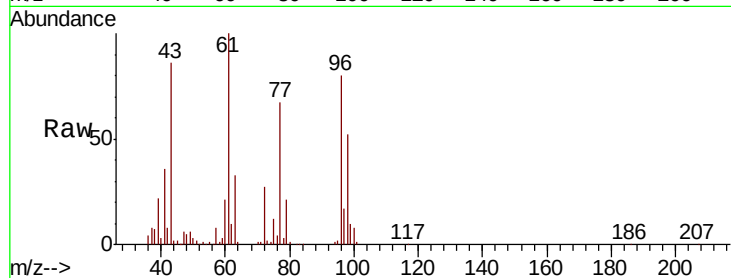
72 31.8 23.2 34.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 52.149 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW006601.D

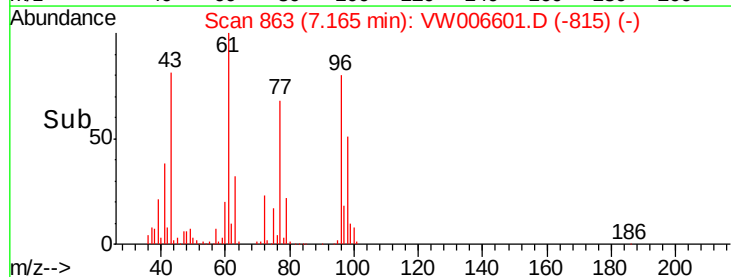
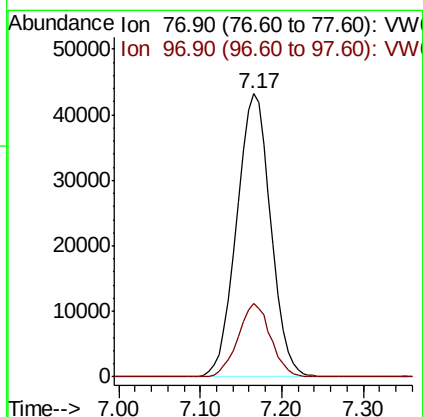
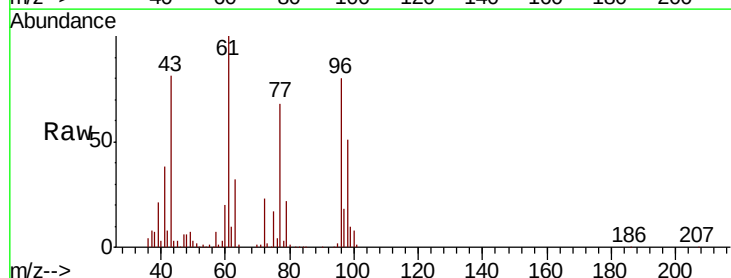
Acq: 02 Nov 2018 14:51

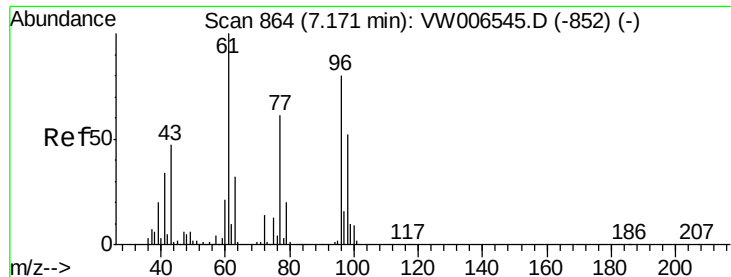
Tgt Ion: 77 Resp: 125210

Ion Ratio Lower Upper

77 100

97 24.7 12.8 38.4





#27

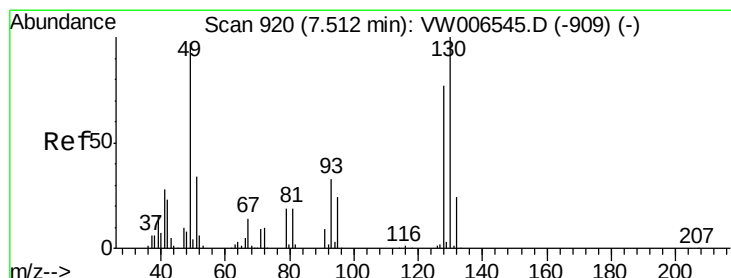
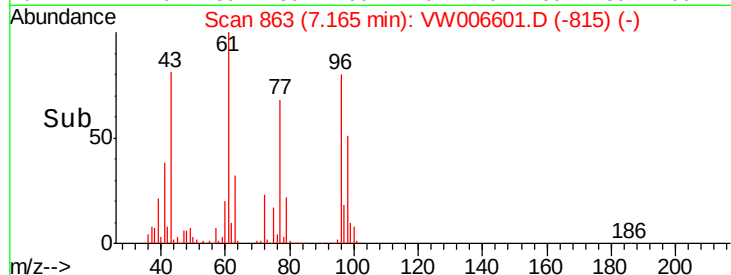
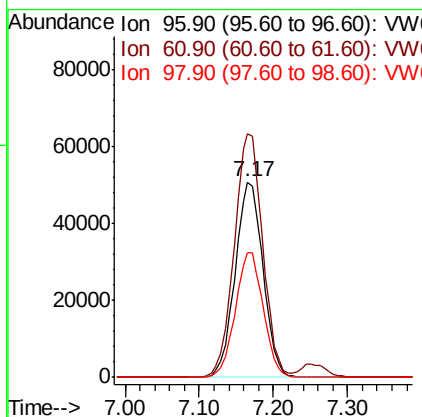
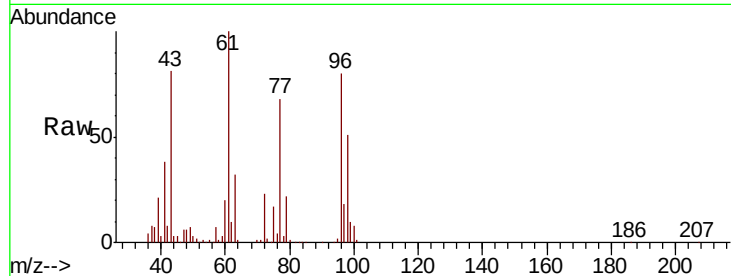
cis-1,2-Dichloroethene
Concen: 48.688 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW006601.D
Acq: 02 Nov 2018 14:51

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100		133206		
61	126.8	0.0	254.2		
98	64.0	0.0	129.6		

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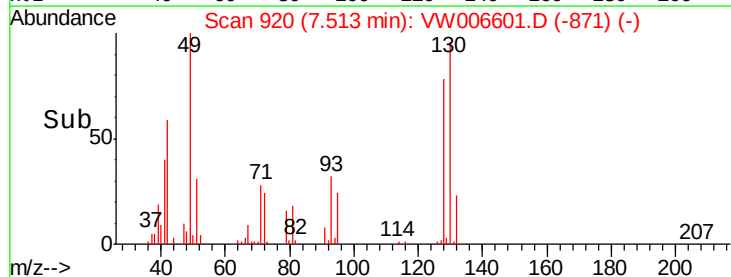
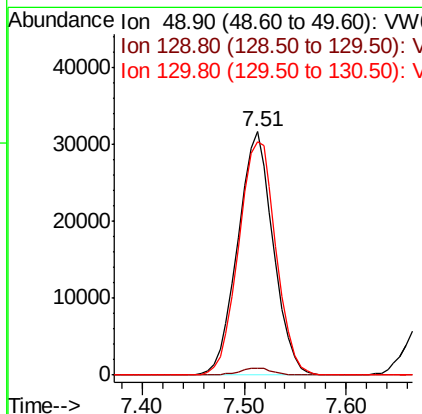
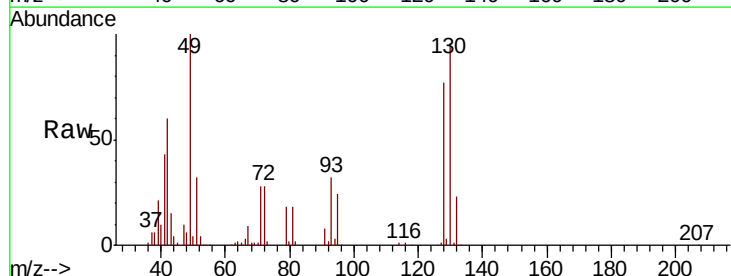
apatel
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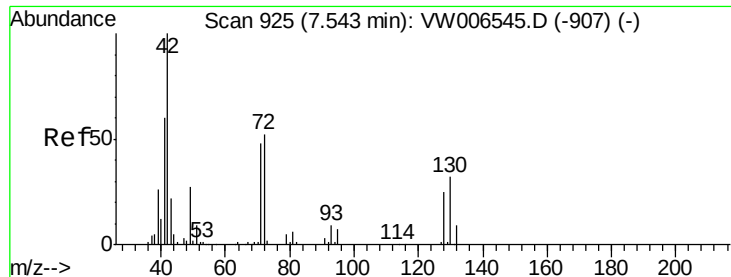


#28

Bromochloromethane
Concen: 48.104 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW006601.D
Acq: 02 Nov 2018 14:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
49	100		76134		
129	2.7	0.0	5.6		
130	101.2	82.2	123.2		





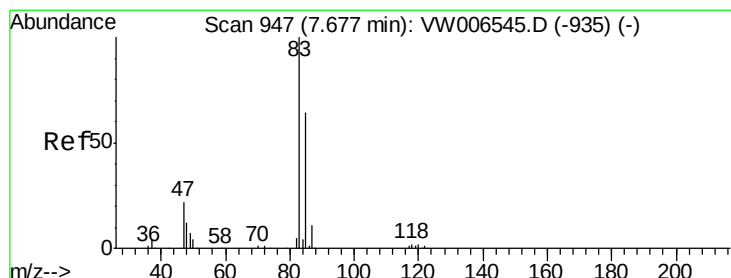
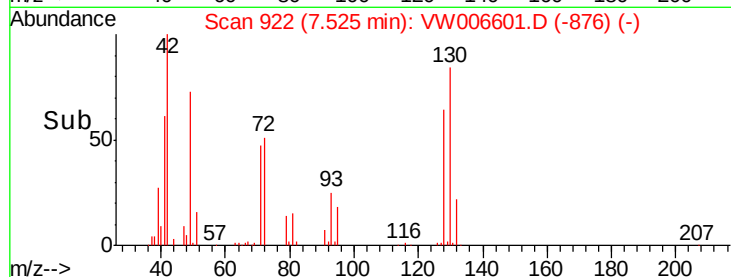
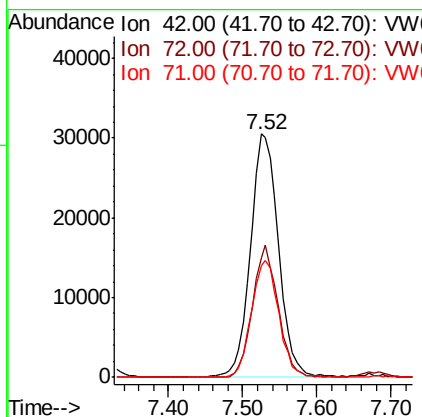
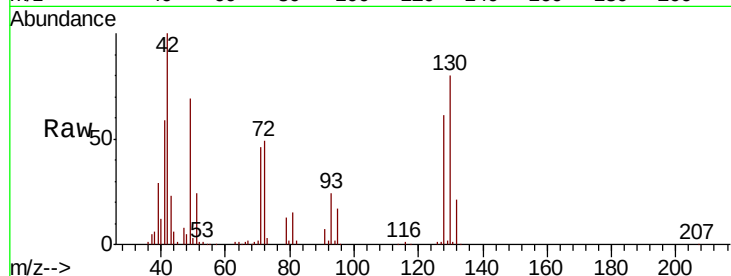
#29
Tetrahydrofuran
Concen: 244.758 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.02 min
Lab File: VW006601.D
Acq: 02 Nov 2018 14:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:	42	Resp:	80776
Ion	Ratio	Lower	Upper
42	100		
72	49.3	39.2	58.8
71	46.9	37.6	56.4

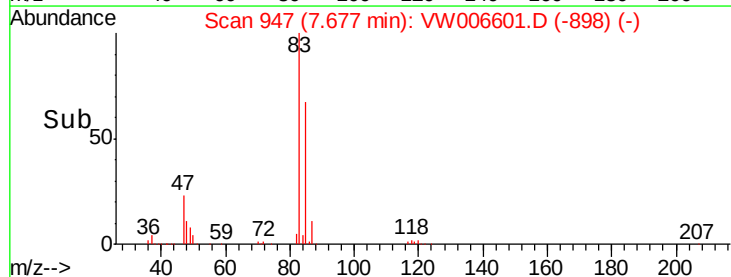
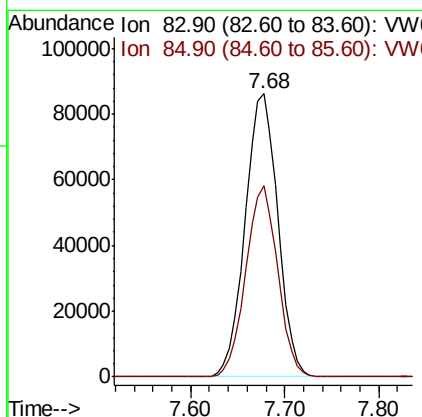
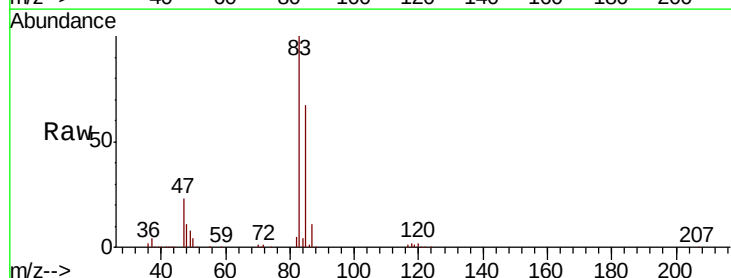
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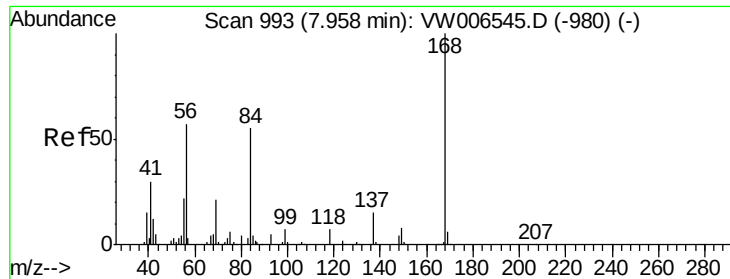
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#30
Chloroform
Concen: 47.812 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW006601.D
Acq: 02 Nov 2018 14:51

Tgt Ion:	83	Resp:	208940
Ion	Ratio	Lower	Upper
83	100		
85	67.4	51.3	76.9





#31

Cyclohexane

Concen: 48.895 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006601.D

Acq: 02 Nov 2018 14:51

Instrument :

MSVOA_W

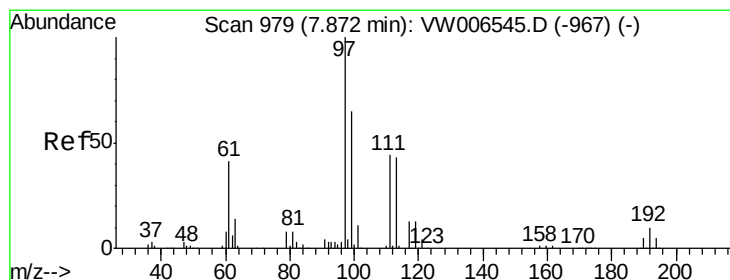
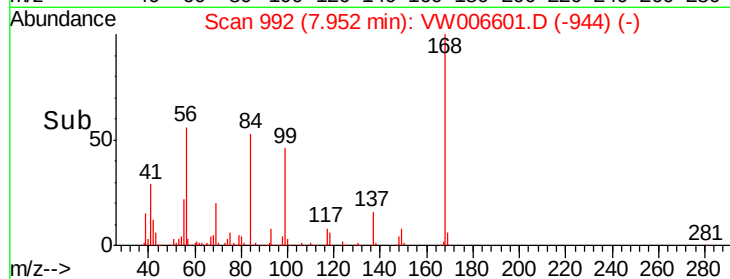
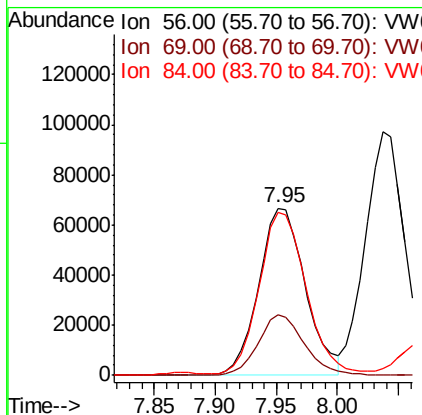
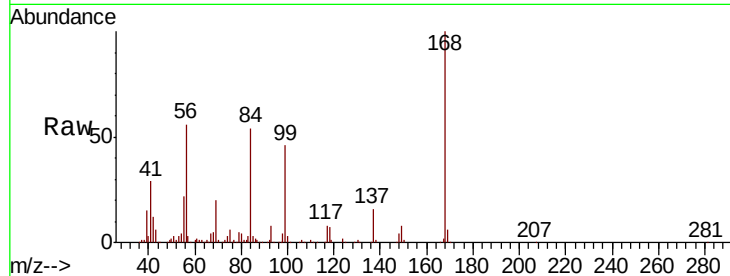
ClientSampled :

VSTDCCC050

Tot Ion:	56	Resp:	177378
Ion	Ratio	Lower	Upper
56	100		
69	36.4	29.0	43.4
84	95.5	77.8	116.6

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#32

1,1,1-Trichloroethane

Concen: 49.890 ug/l

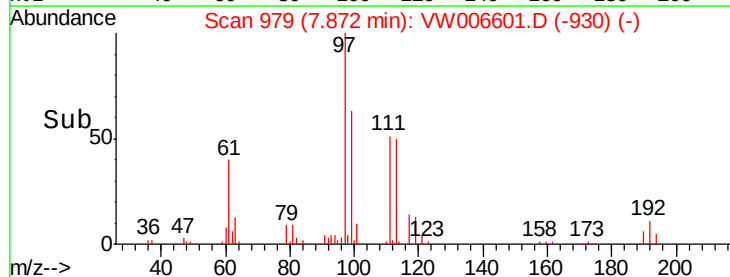
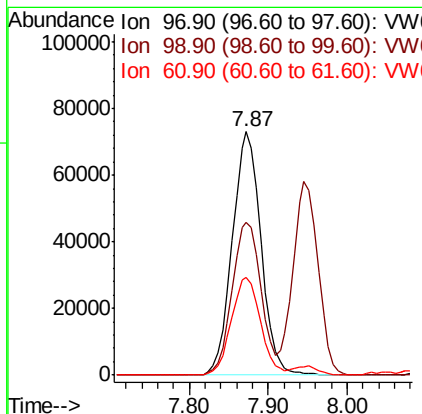
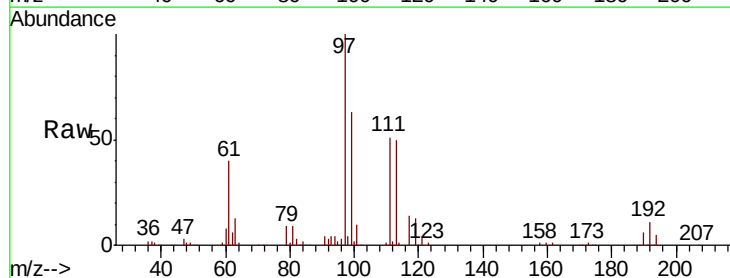
RT: 7.87 min Scan# 979

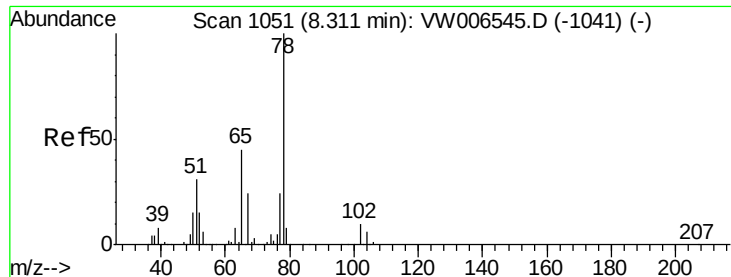
Delta R.T. 0.00 min

Lab File: VW006601.D

Acq: 02 Nov 2018 14:51

Tgt Ion:	97	Resp:	184482
Ion	Ratio	Lower	Upper
97	100		
99	63.4	51.7	77.5
61	40.8	32.9	49.3





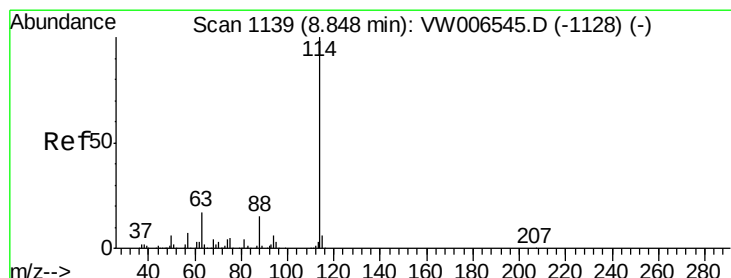
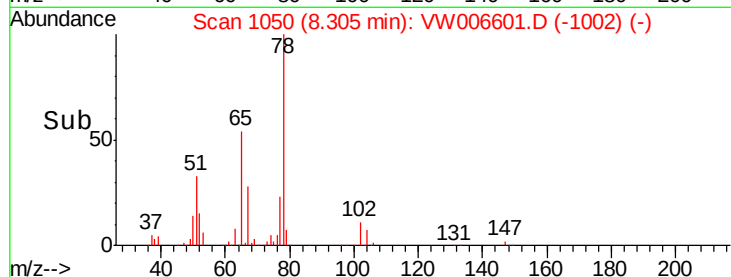
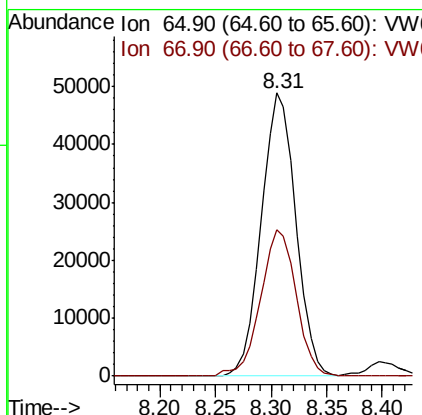
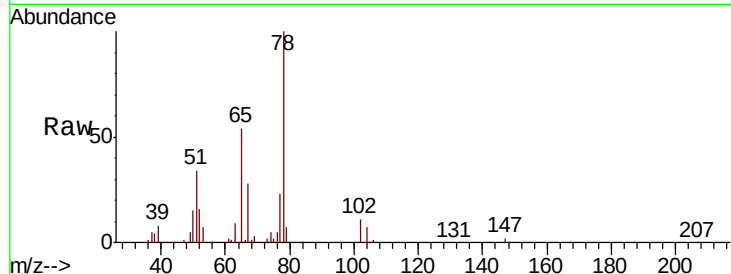
#33
 1,2-Dichloroethane-d4
 Concen: 46.485 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW006601.D
 Acq: 02 Nov 2018 14:51

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.3	0.0	104.4	

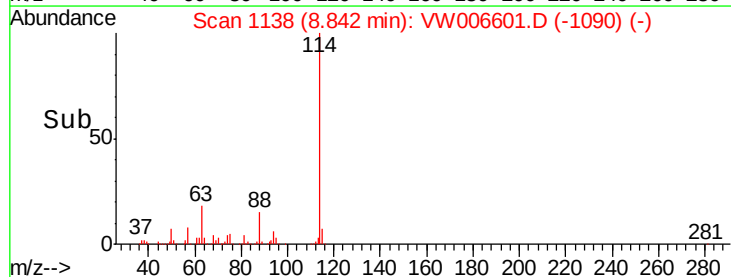
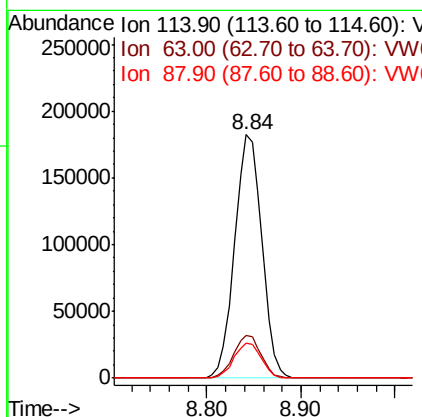
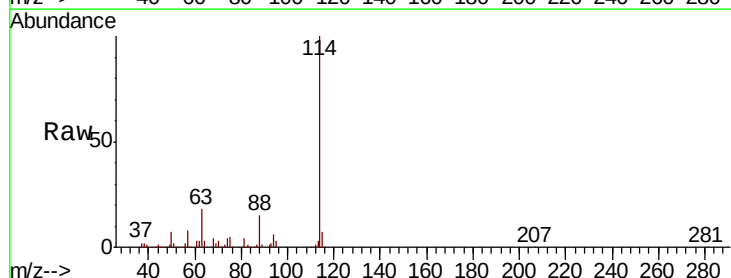
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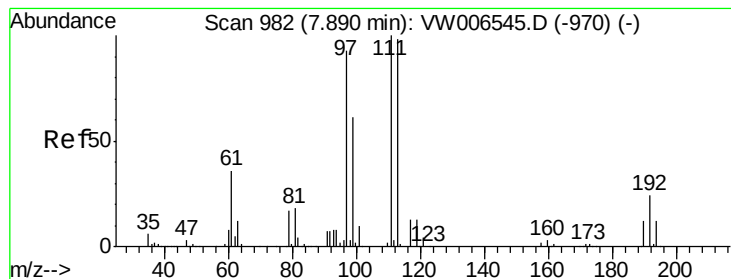
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW006601.D
 Acq: 02 Nov 2018 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	17.7	0.0	34.4	
88	14.6	0.0	29.0	





#35

Dibromofluoromethane

Concen: 49.248 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006601.D

Acq: 02 Nov 2018 14:51

Instrument :

MSVOA_W

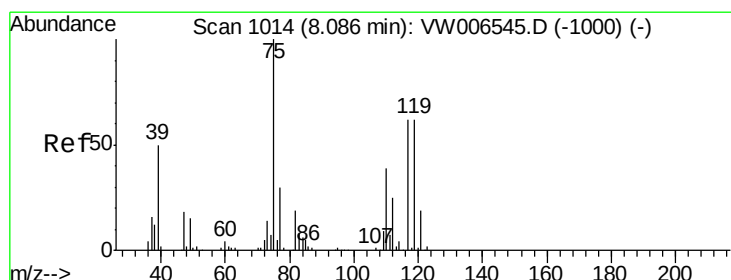
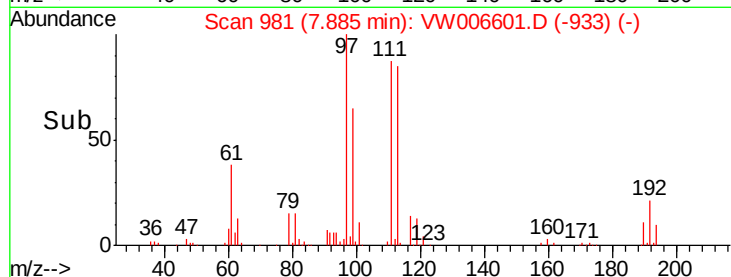
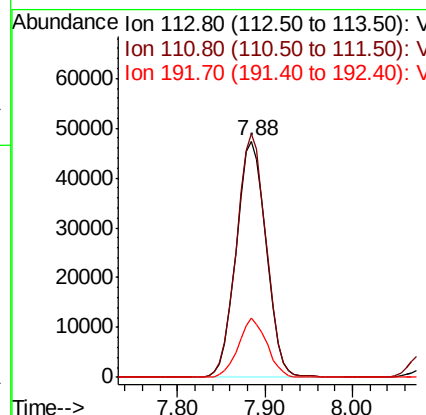
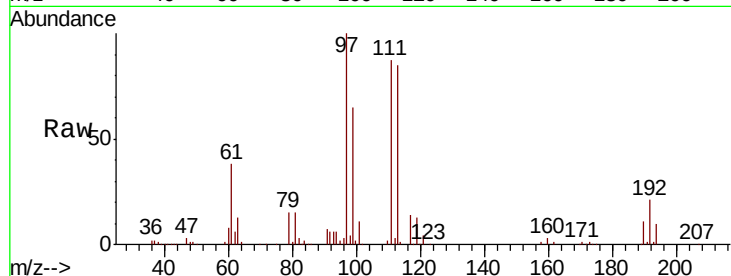
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.2	123.2
192	23.7	19.0	28.6

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#36

1,1-Dichloropropene

Concen: 53.032 ug/l

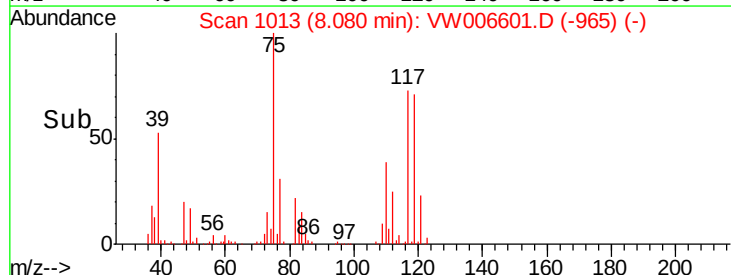
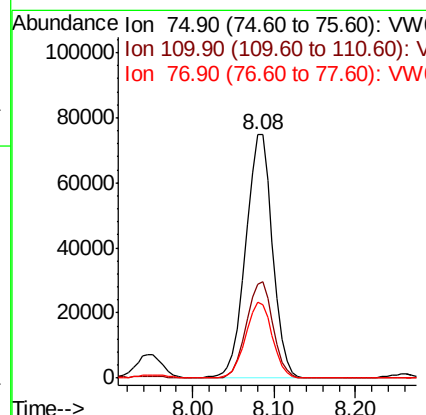
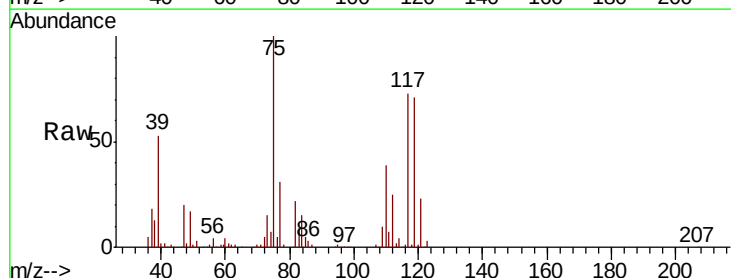
RT: 8.08 min Scan# 1013

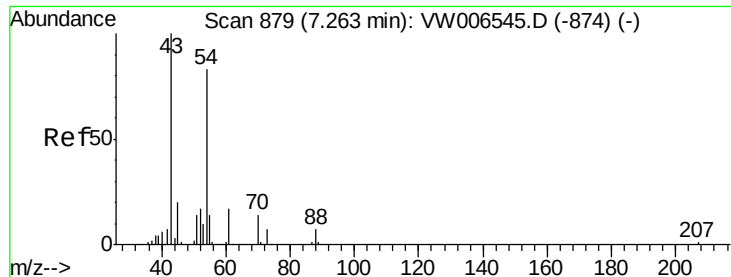
Delta R.T. -0.01 min

Lab File: VW006601.D

Acq: 02 Nov 2018 14:51

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.1	19.5	58.5
77	31.2	24.6	37.0





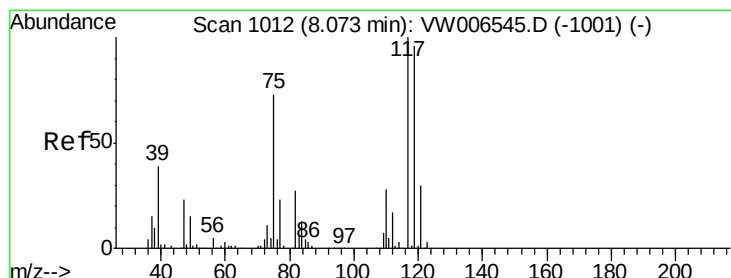
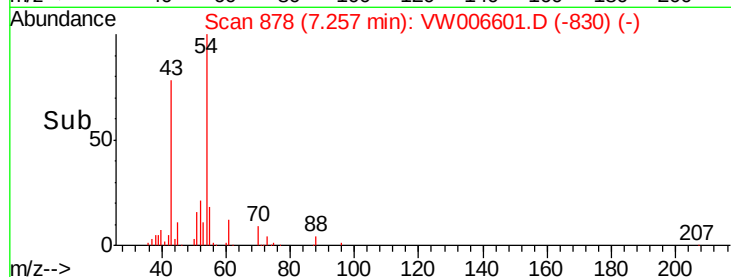
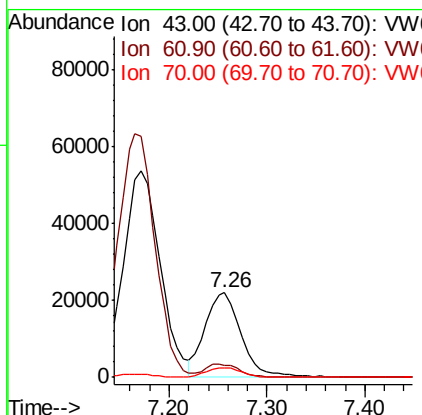
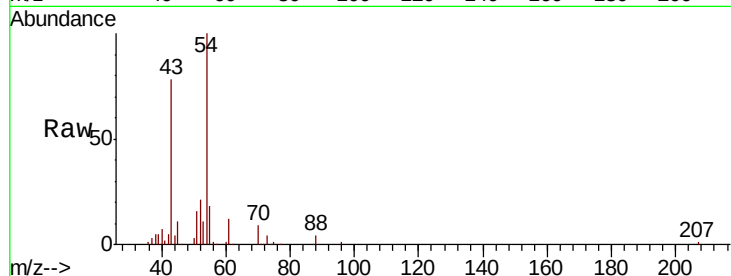
#37
Ethyl Acetate
Concen: 50.299 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.01 min
Lab File: VW006601.D
Acq: 02 Nov 2018 14:51

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.8	12.1	18.1
70	11.7	9.8	14.6

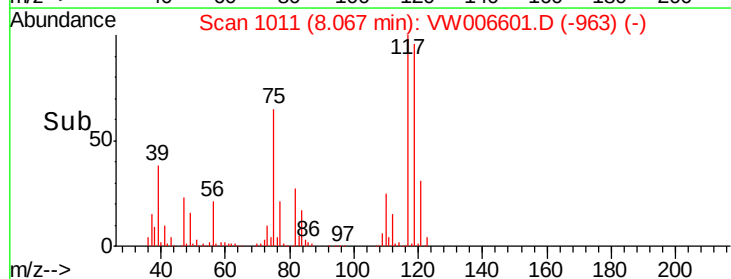
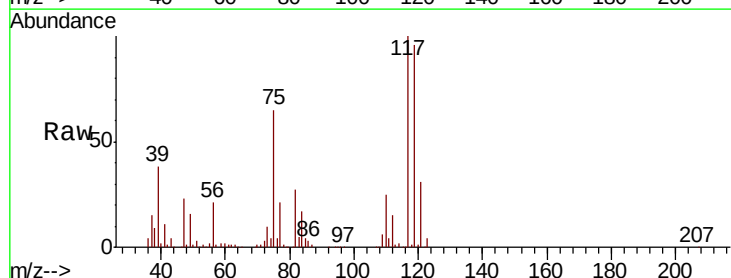
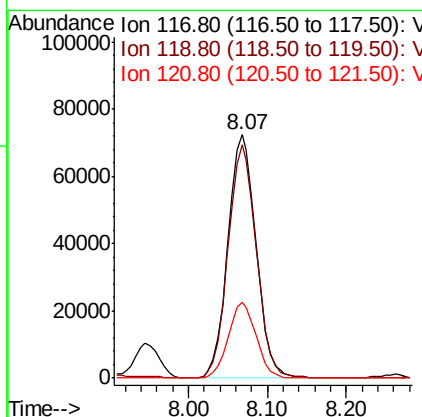
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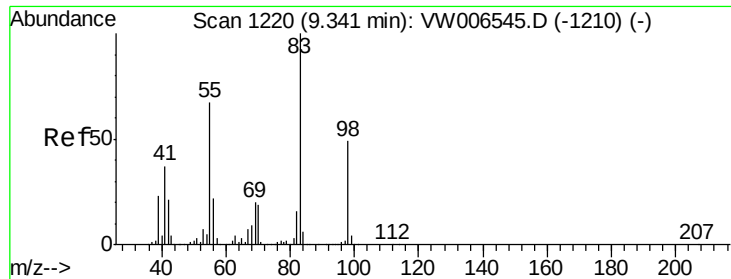
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#38
Carbon Tetrachloride
Concen: 53.568 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006601.D
Acq: 02 Nov 2018 14:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.3	114.5
121	30.9	24.1	36.1





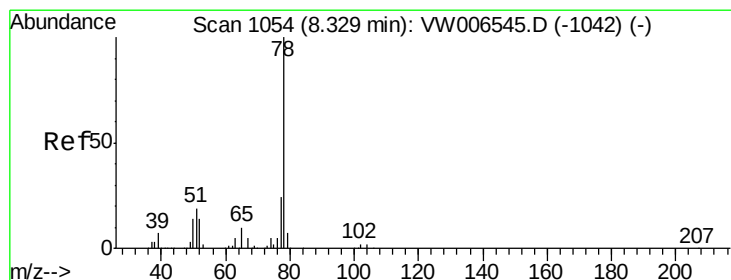
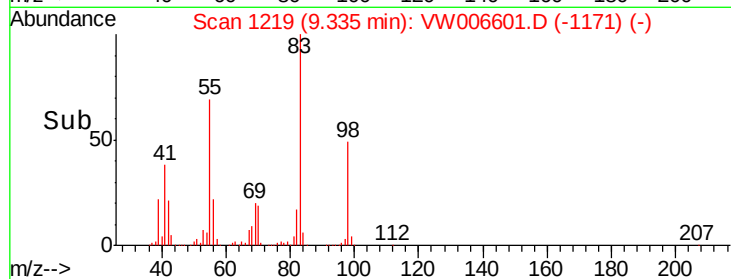
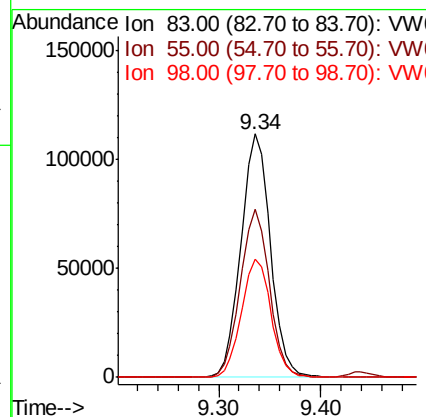
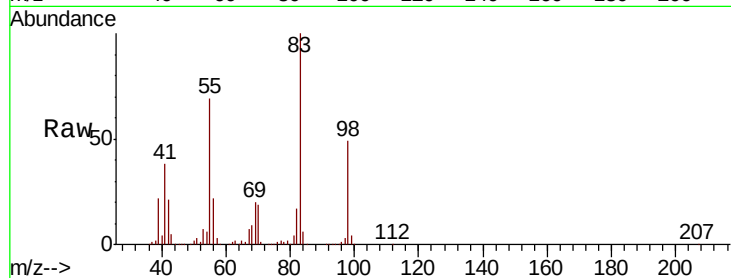
#39
Methylvlcyclohexane
Concen: 54.917 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006601.D
Acq: 02 Nov 2018 14:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.8	53.7	80.5
98	48.5	39.2	58.8

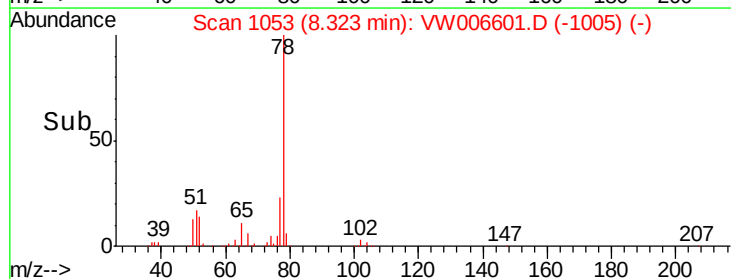
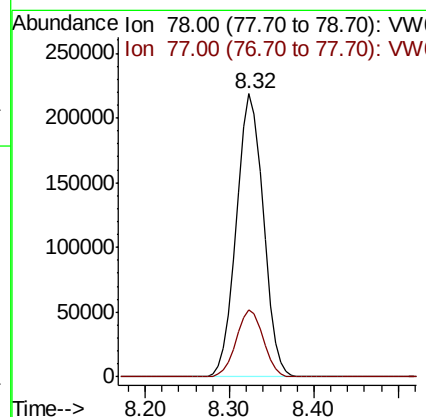
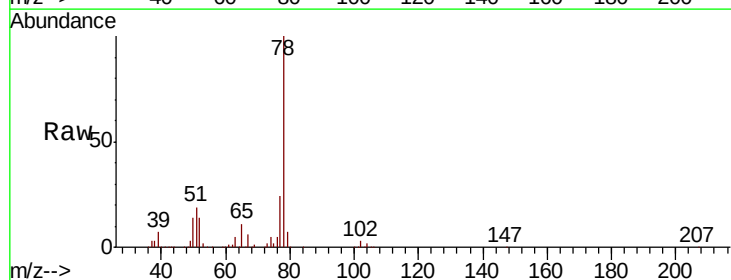
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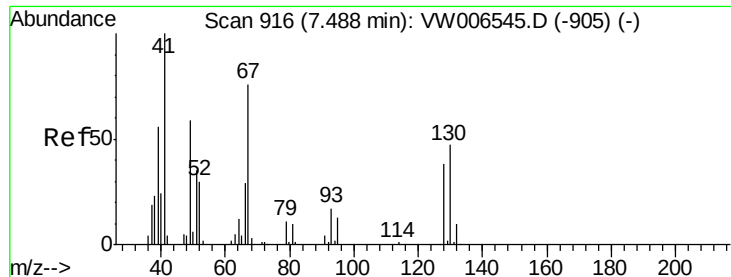
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#40
Benzene
Concen: 51.850 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006601.D
Acq: 02 Nov 2018 14:51

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.2	28.8





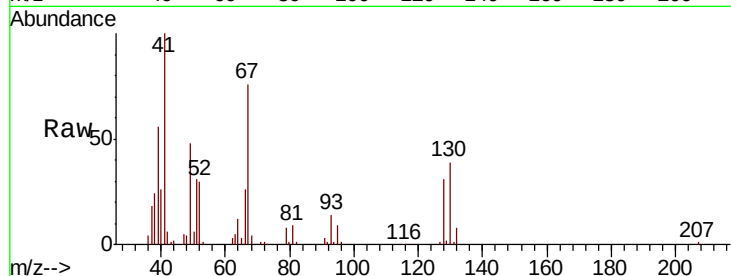
#41
Methacrylonitrile
Concen: 47.457 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.01 min
Lab File: VW006601.D
Acq: 02 Nov 2018 14:51

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		32430		
39	64.4	44.5	66.7		
67	84.1	63.8	95.8		
52	34.2	26.3	39.5		

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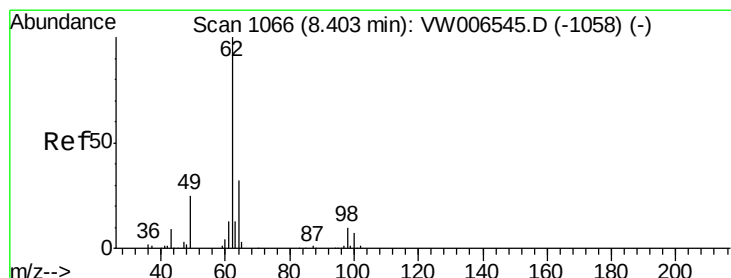
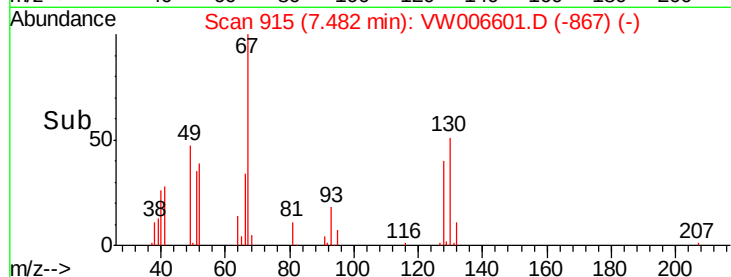
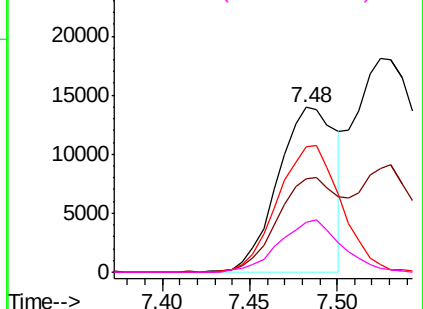
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

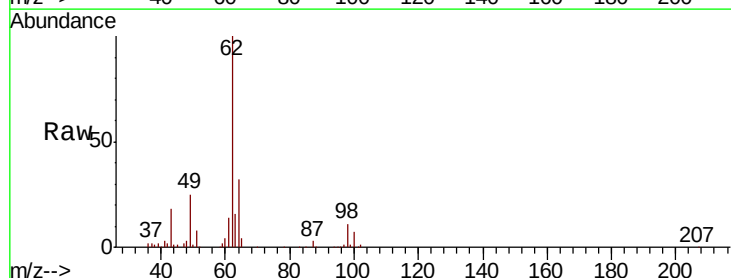
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42
1,2-Dichloroethane
Concen: 49.521 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006601.D
Acq: 02 Nov 2018 14:51

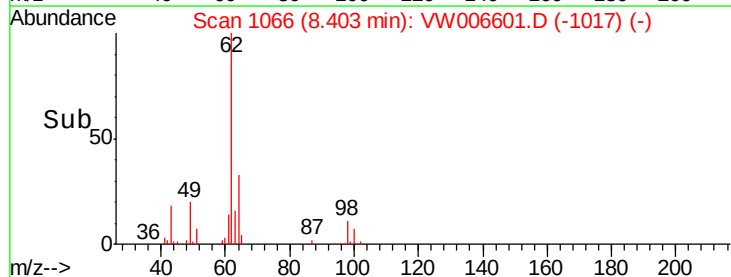
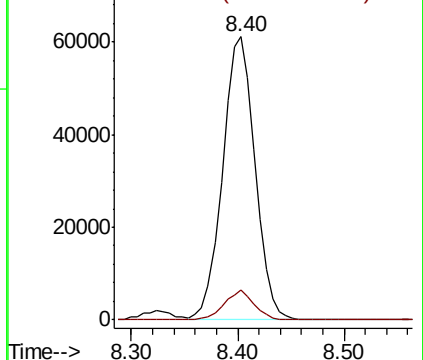
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		129721		
98	9.8	0.0	19.8		

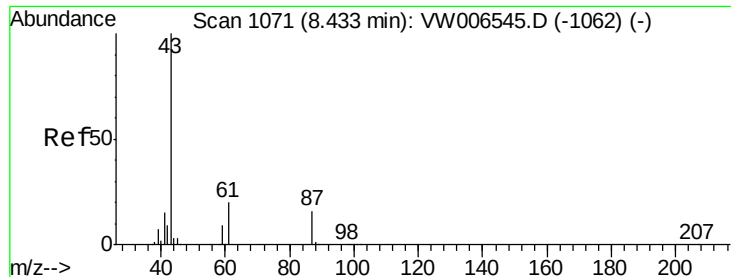


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 50.668 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW006601.D

Acq: 02 Nov 2018 14:51

Instrument :

MSVOA_W

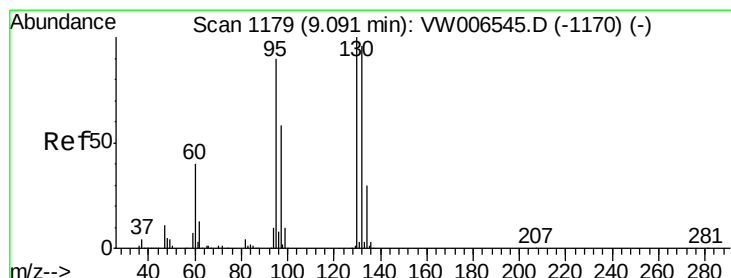
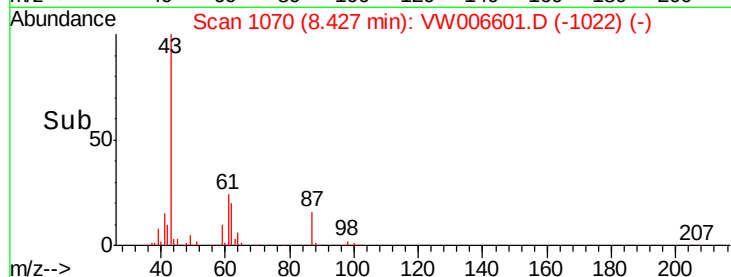
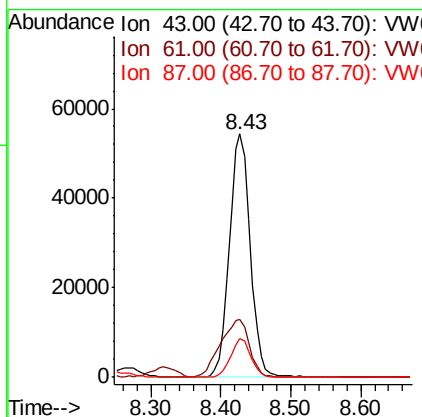
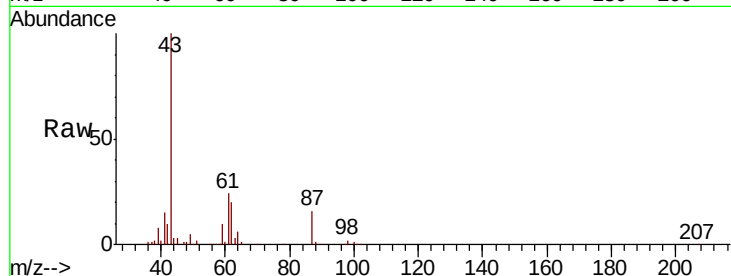
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	112675
Ion	Ratio	Lower	Upper
43	100		
61	32.9	27.2	40.8
87	15.4	12.9	19.3

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#44

Trichloroethene

Concen: 51.359 ug/l

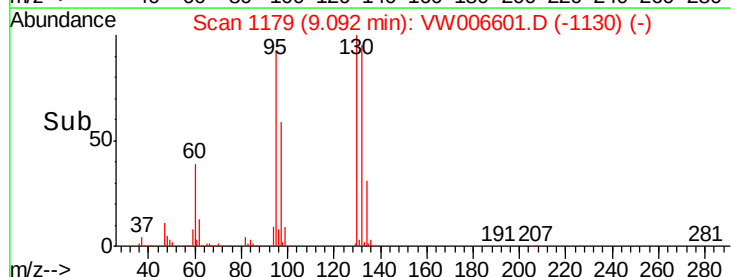
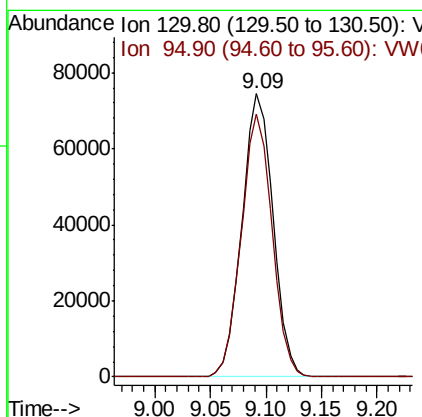
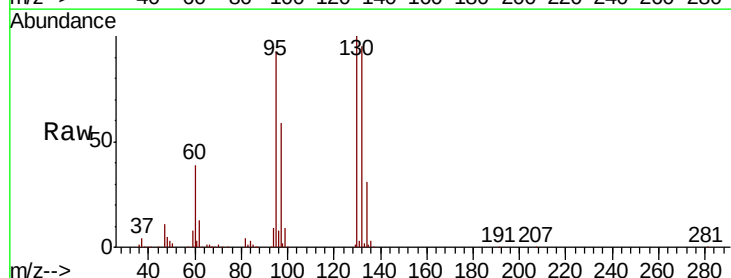
RT: 9.09 min Scan# 1179

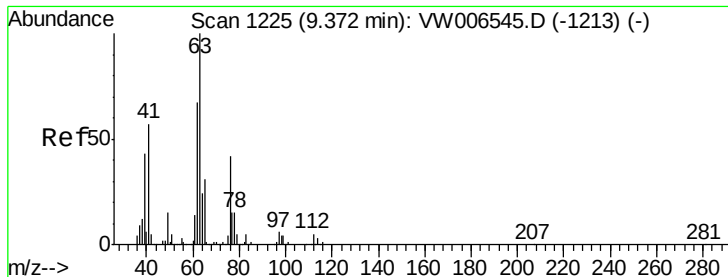
Delta R.T. 0.00 min

Lab File: VW006601.D

Acq: 02 Nov 2018 14:51

Tgt Ion:	130	Resp:	144762
Ion	Ratio	Lower	Upper
130	100		
95	92.7	0.0	179.2





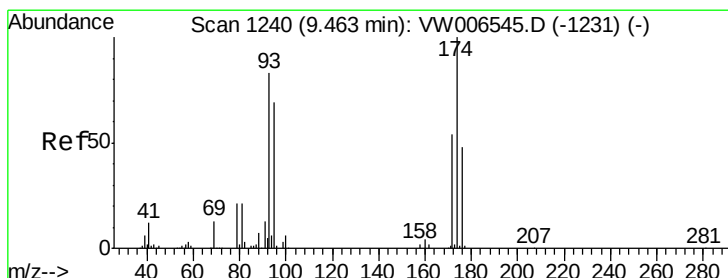
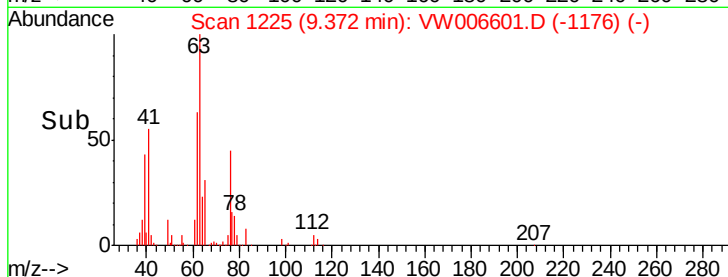
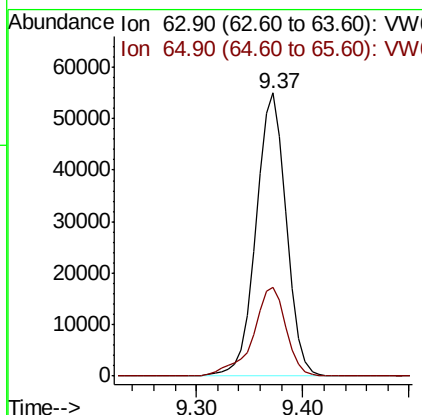
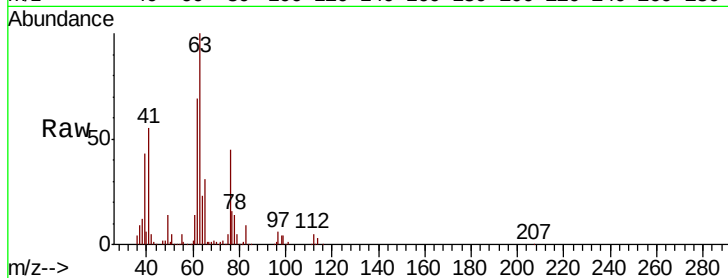
#45
 1,2-Dichloropropane
 Concen: 51.356 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW006601.D
 Acq: 02 Nov 2018 14:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.3	25.1	37.7

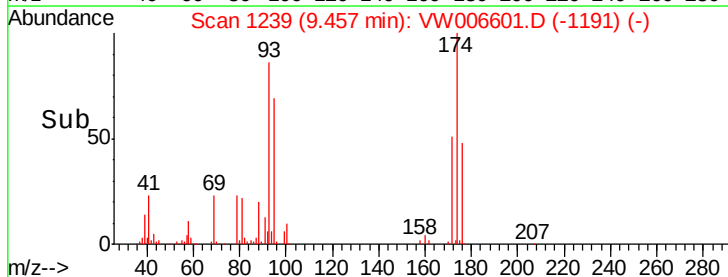
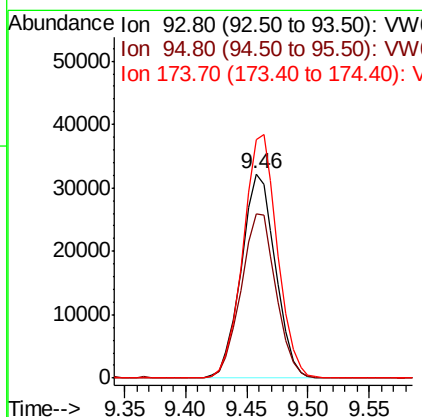
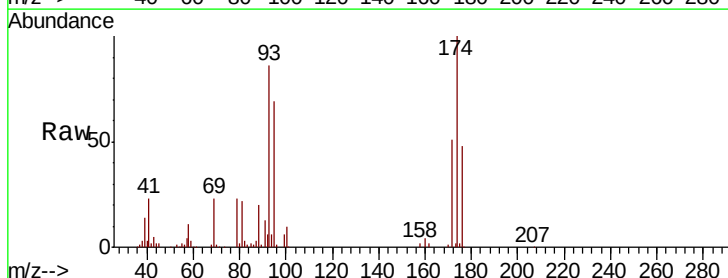
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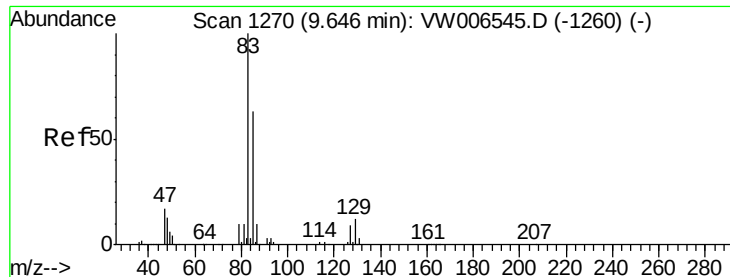
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#46
 Dibromomethane
 Concen: 50.020 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW006601.D
 Acq: 02 Nov 2018 14:51

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.2	67.2	100.8
174	119.3	97.3	145.9





#47

Bromodichloromethane

Concen: 51.734 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW006601.D

Acq: 02 Nov 2018 14:51

Instrument :

MSVOA_W

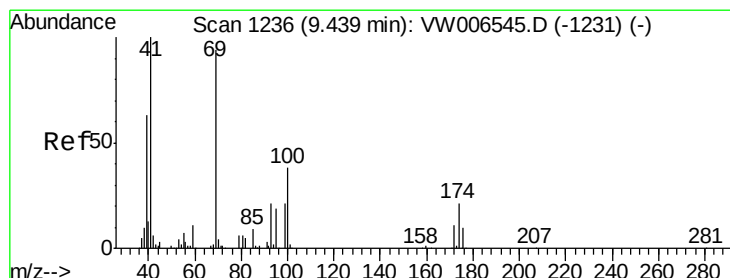
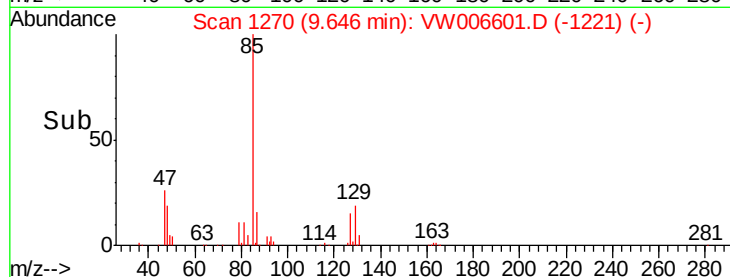
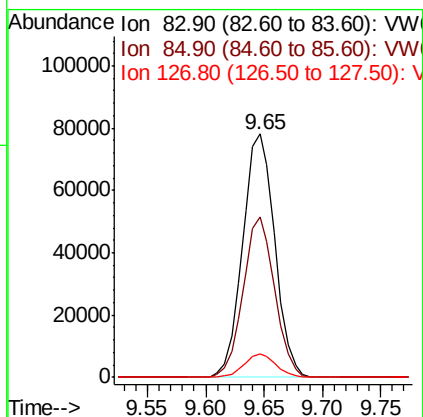
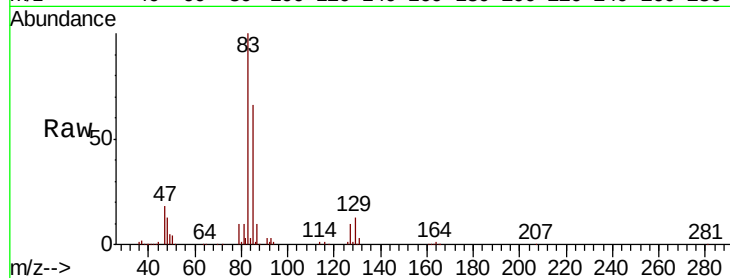
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	150098
Ion	Ratio	Lower	Upper
83	100		
85	65.8	50.6	75.8
127	9.8	7.5	11.3

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#48

Methyl methacrylate

Concen: 50.334 ug/l

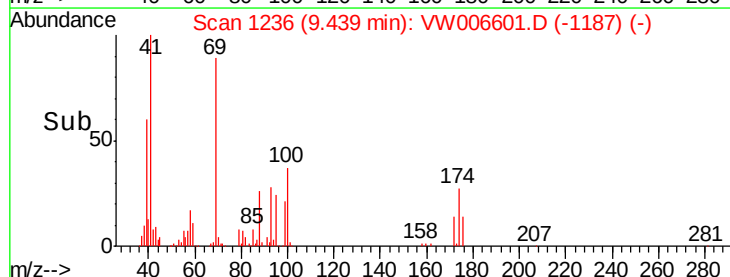
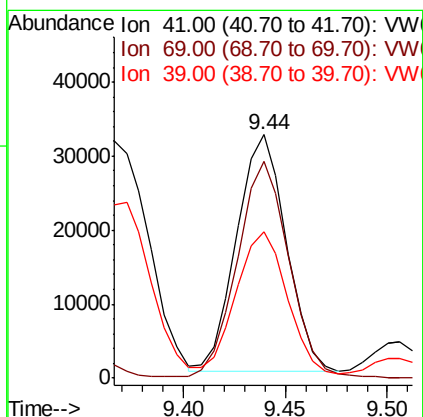
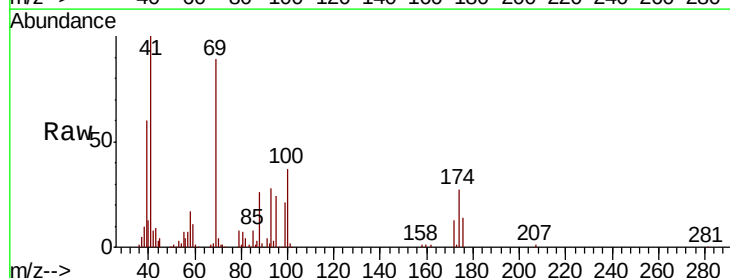
RT: 9.44 min Scan# 1236

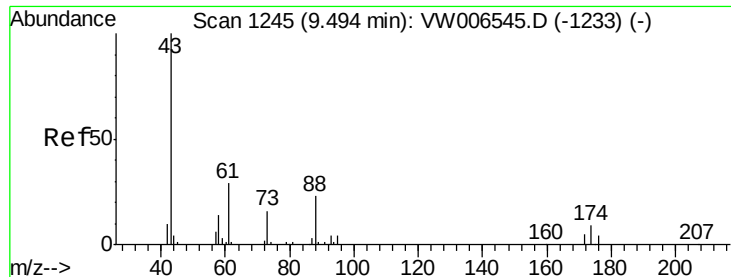
Delta R.T. 0.00 min

Lab File: VW006601.D

Acq: 02 Nov 2018 14:51

Tgt Ion:	41	Resp:	53929
Ion	Ratio	Lower	Upper
41	100		
69	96.5	77.8	116.8
39	62.4	48.7	73.1





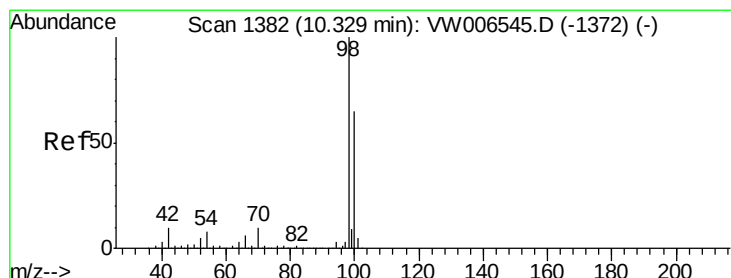
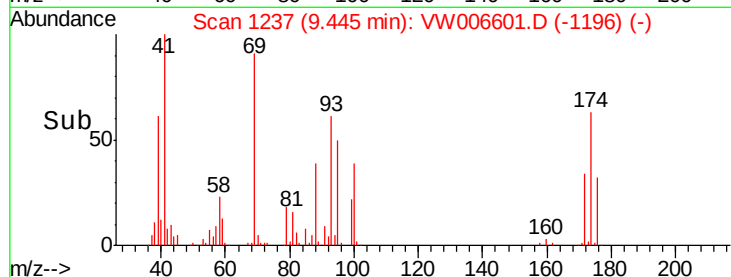
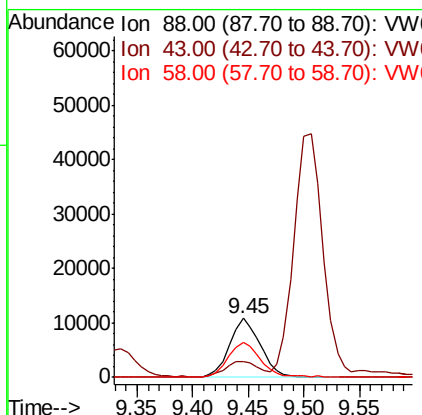
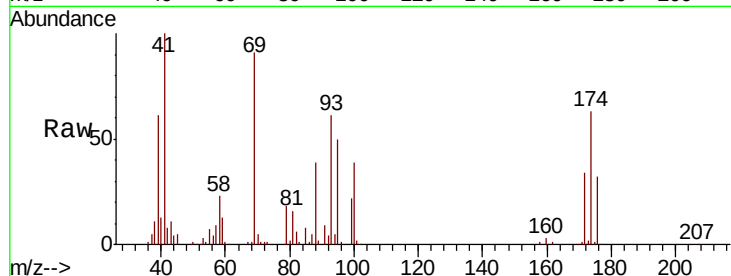
#49
1,4-Dioxane
Concen: 1132.386 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.05 min
Lab File: VW006601.D
Acq: 02 Nov 2018 14:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.4	356.6	534.8#
58	63.9	51.4	77.2

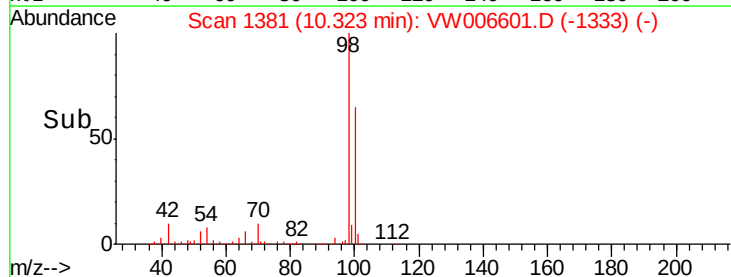
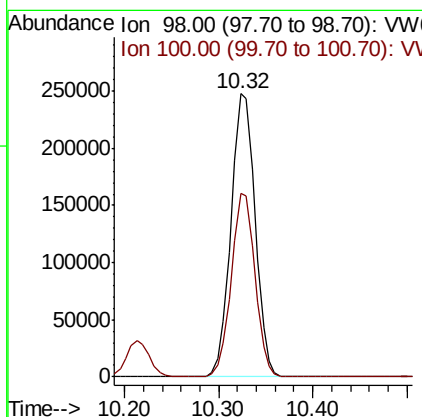
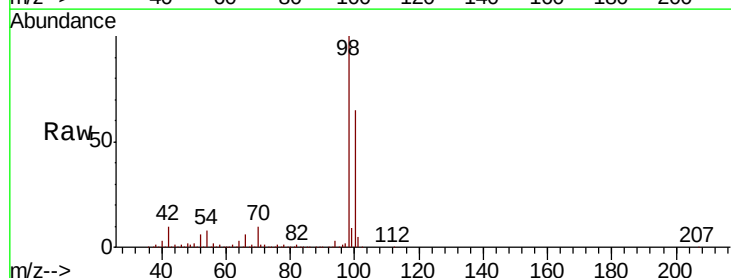
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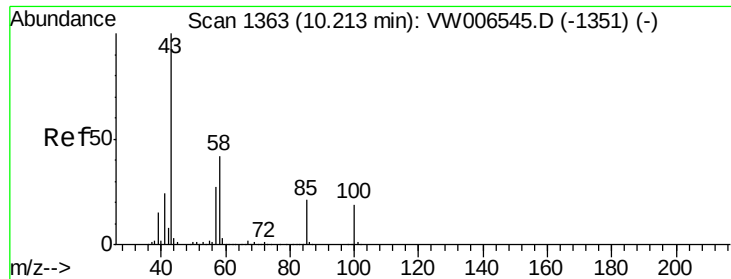
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#50
Toluene-d8
Concen: 50.423 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW006601.D
Acq: 02 Nov 2018 14:51

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 255.136 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW006601.D

Acq: 02 Nov 2018 14:51

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 291393

Ion Ratio Lower Upper

43 100

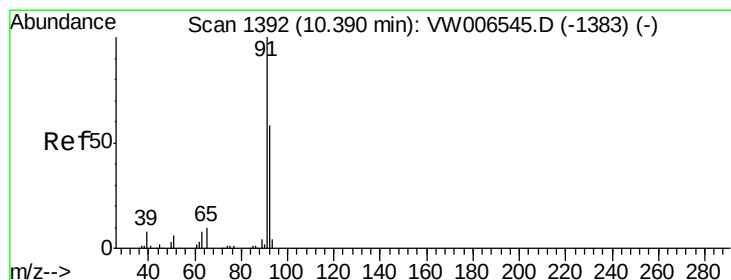
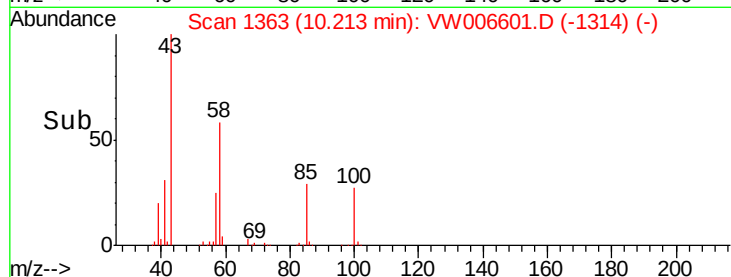
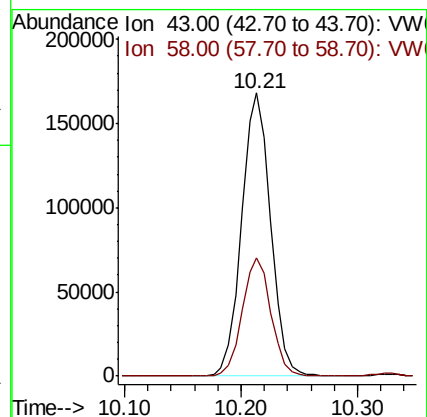
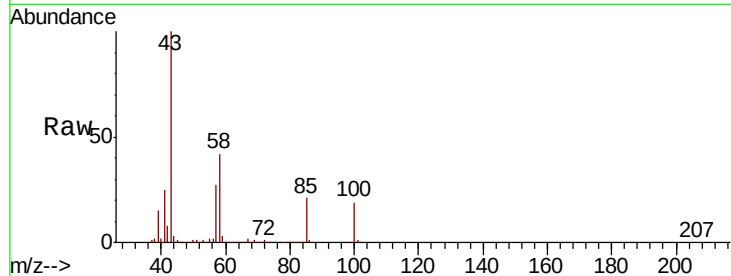
58 41.5 33.4 50.0

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#52

Toluene

Concen: 51.342 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006601.D

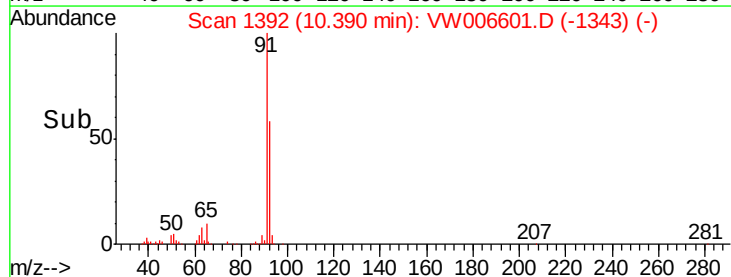
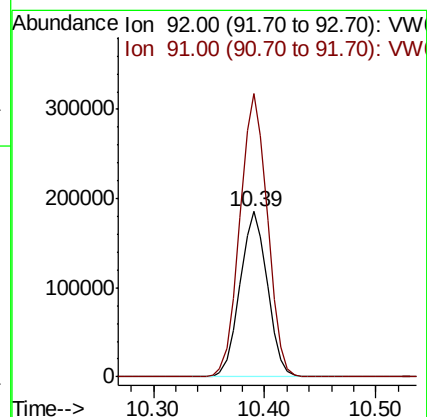
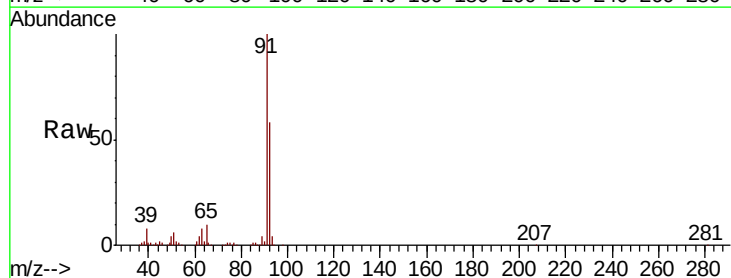
Acq: 02 Nov 2018 14:51

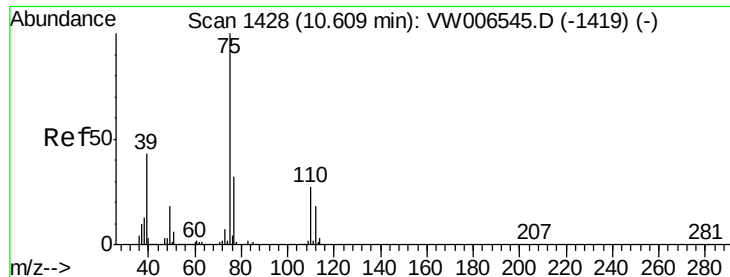
Tgt Ion: 92 Resp: 314544

Ion Ratio Lower Upper

92 100

91 172.8 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 52.893 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006601.D

Acq: 02 Nov 2018 14:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 147692

Ion Ratio Lower Upper

75 100

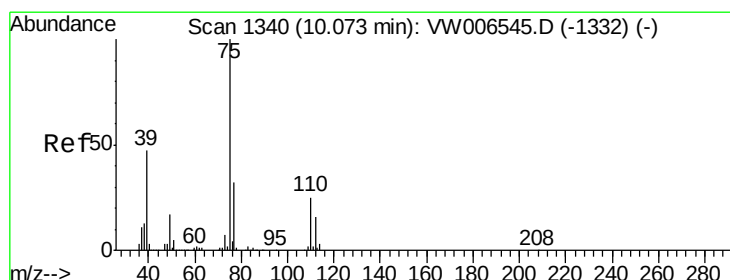
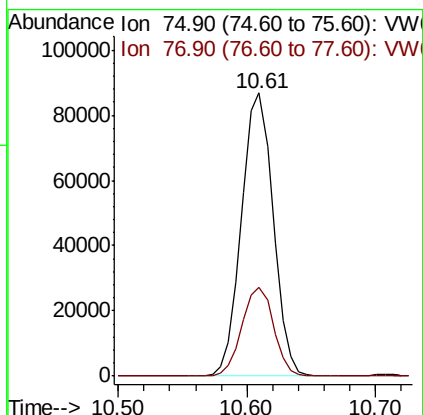
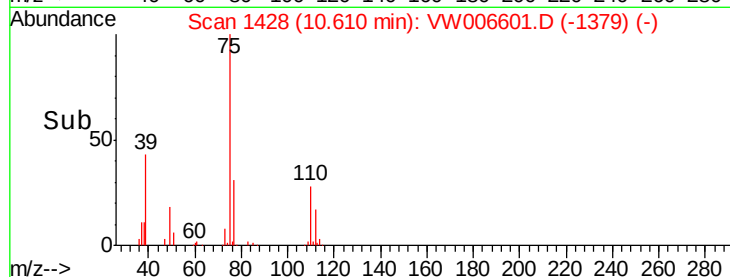
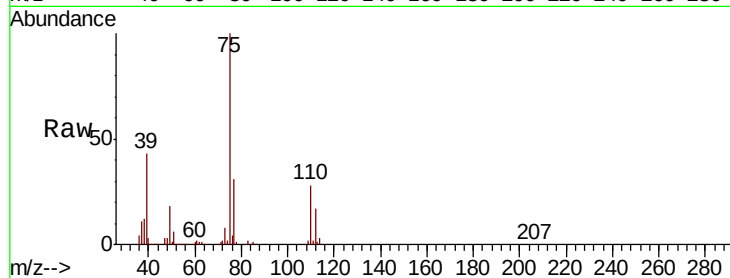
77 31.4 25.6 38.4

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#54

cis-1,3-Dichloropropene

Concen: 52.430 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW006601.D

Acq: 02 Nov 2018 14:51

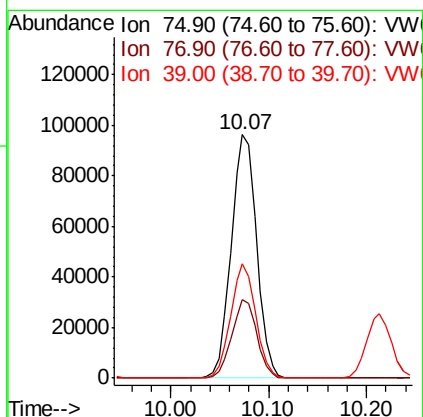
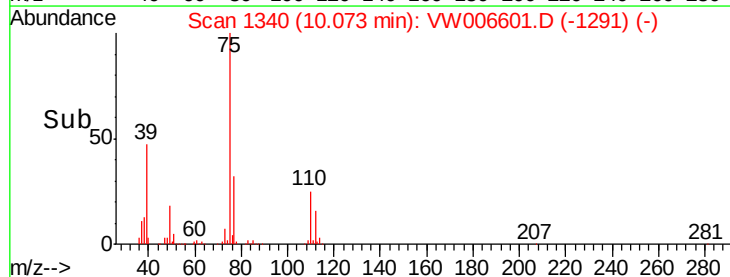
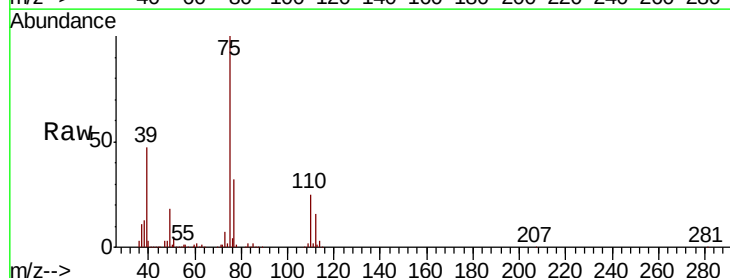
Tgt Ion: 75 Resp: 173004

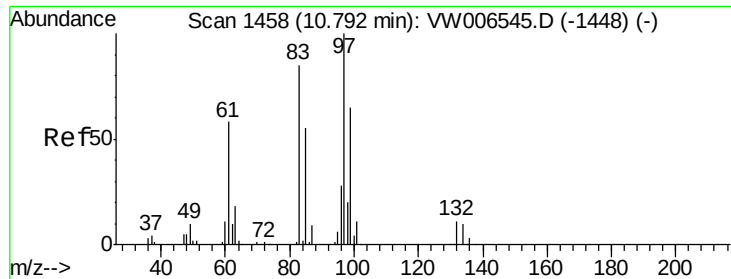
Ion Ratio Lower Upper

75 100

77 32.3 25.7 38.5

39 46.8 37.3 55.9





#55

1,1,2-Trichloroethane

Concen: 49.719 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.01 min

Lab File: VW006601.D

Acq: 02 Nov 2018 14:51

Instrument :

MSVOA_W

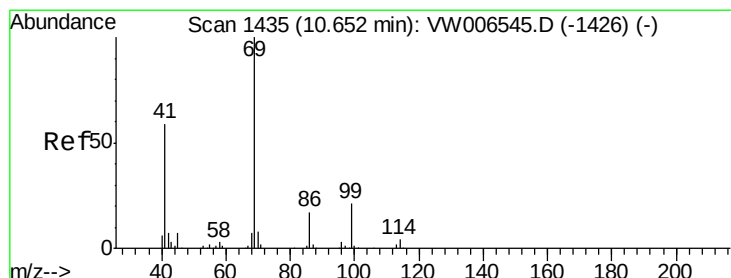
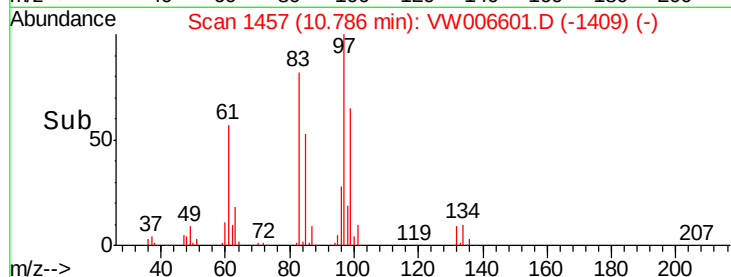
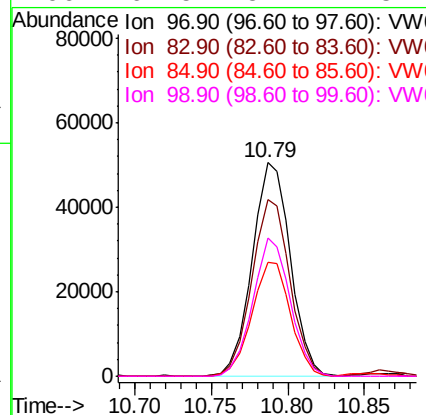
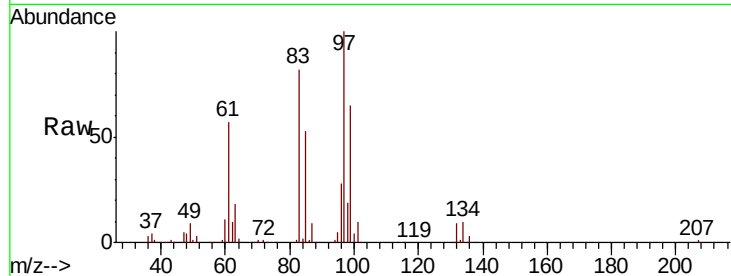
ClientSampleId :

VSTDCCC050

Tot Ion:	97	Resp:	88149
Ion	Ratio	Lower	Upper
97	100		
83	82.4	67.9	101.9
85	53.3	44.0	66.0
99	64.5	52.2	78.2

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#56

Ethyl methacrylate

Concen: 50.121 ug/l

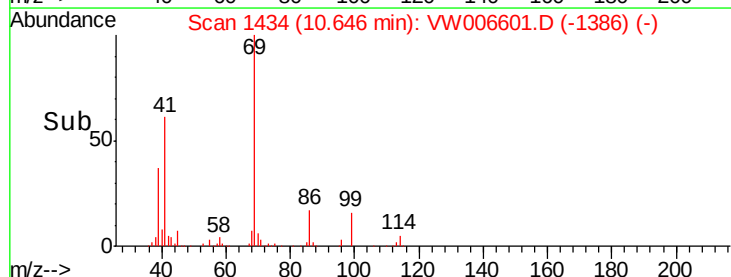
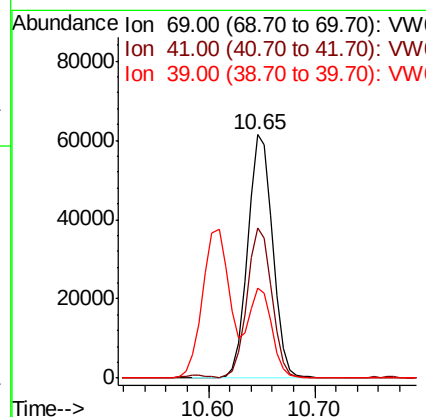
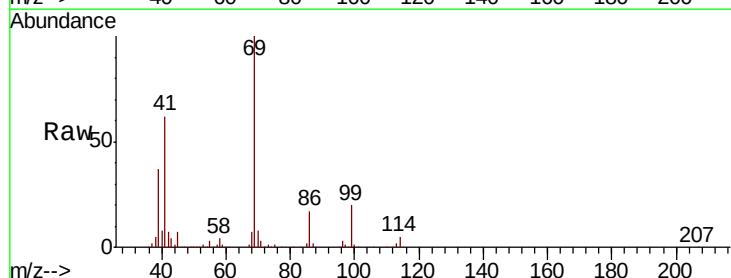
RT: 10.65 min Scan# 1434

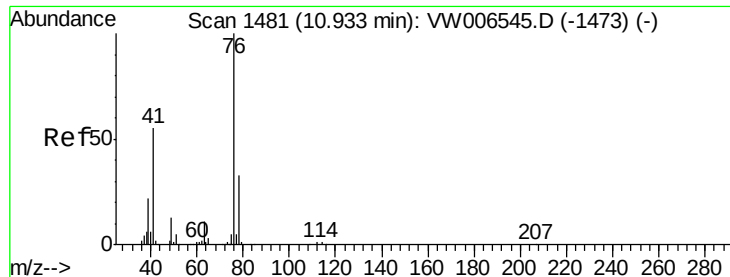
Delta R.T. -0.01 min

Lab File: VW006601.D

Acq: 02 Nov 2018 14:51

Tgt Ion:	69	Resp:	101001
Ion	Ratio	Lower	Upper
69	100		
41	61.6	47.4	71.2
39	35.5	25.3	37.9





#57

1,3-Dichloropropane

Concen: 49.770 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW006601.D

Acq: 02 Nov 2018 14:51

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 76 Resp: 143286

Ion Ratio Lower Upper

76 100

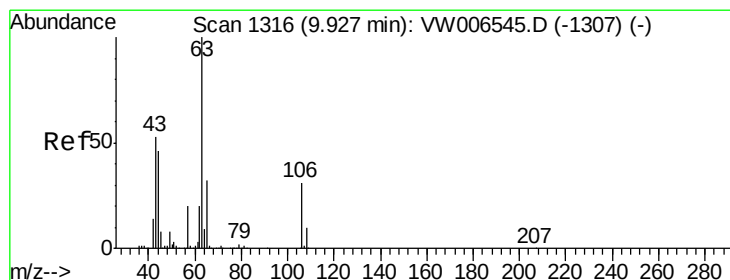
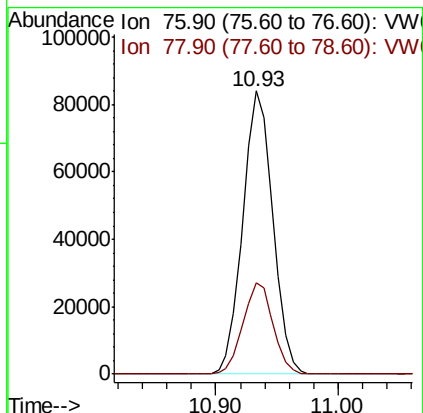
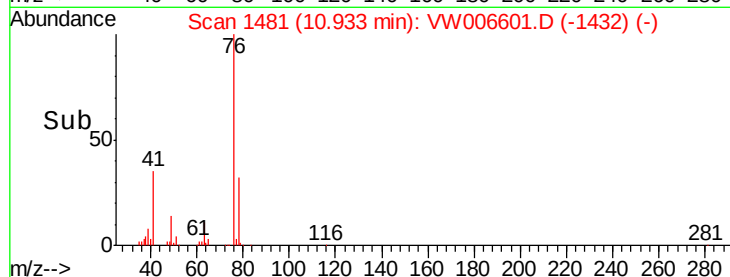
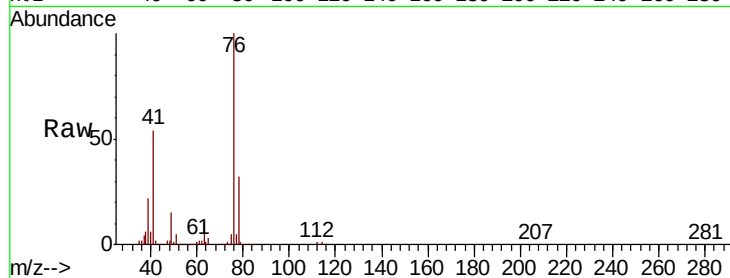
78 32.4 26.2 39.4

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#58

2-Chloroethyl Vinyl ether

Concen: 234.965 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VW006601.D

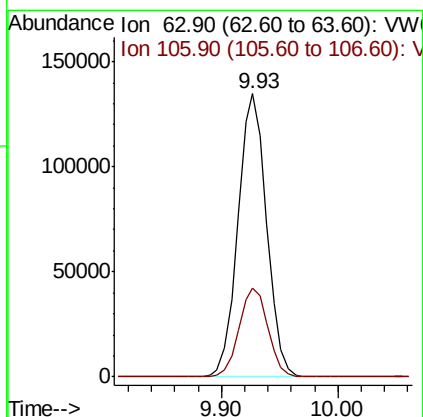
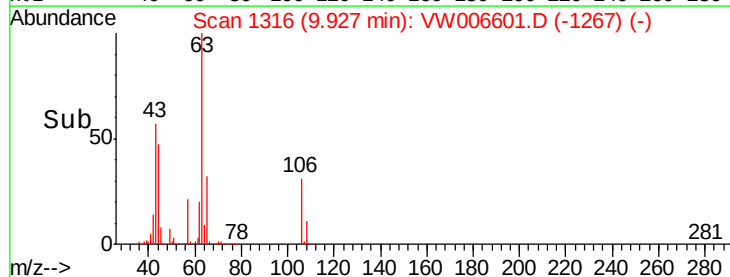
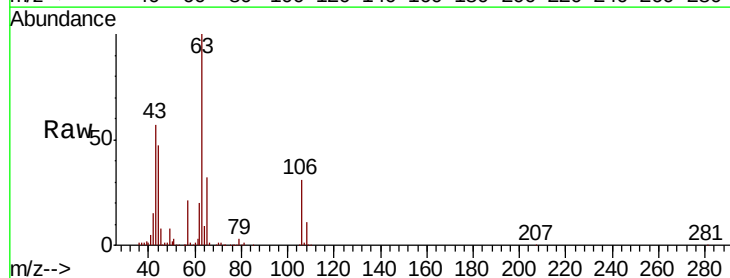
Acq: 02 Nov 2018 14:51

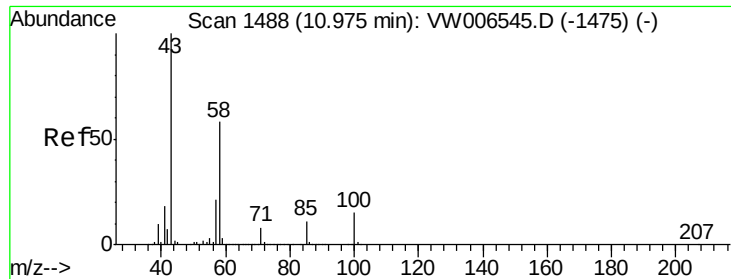
Tgt Ion: 63 Resp: 230164

Ion Ratio Lower Upper

63 100

106 31.6 25.4 38.2





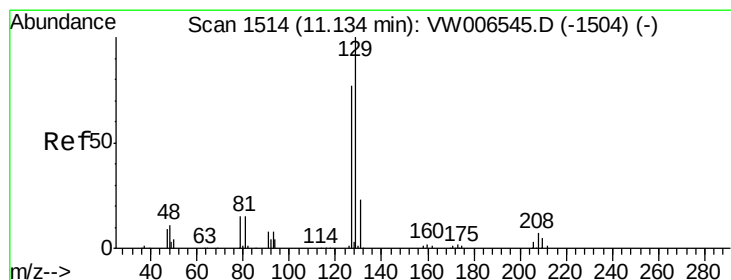
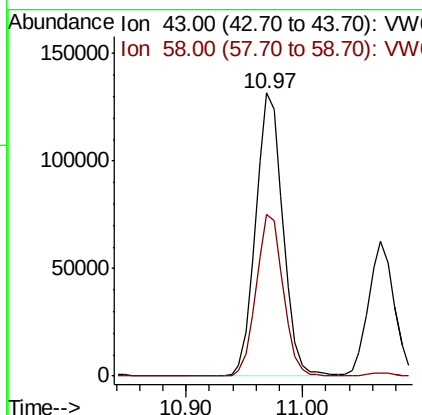
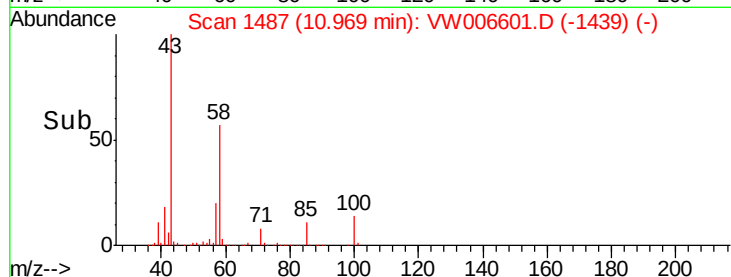
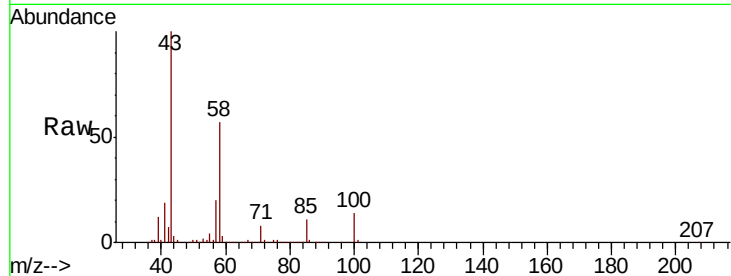
#59
2-Hexanone
Concen: 277.740 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VW006601.D
Acq: 02 Nov 2018 14:51

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	43	Resp	215446
Ion Ratio	100	Lower	Upper
43	100		
58	56.5	28.8	86.4

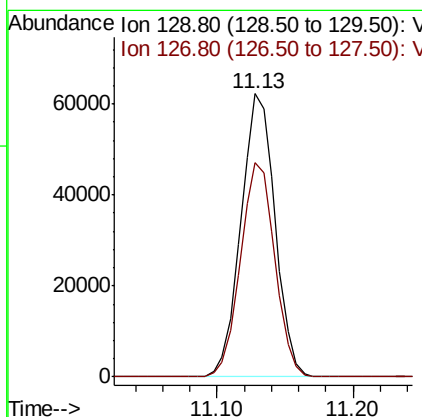
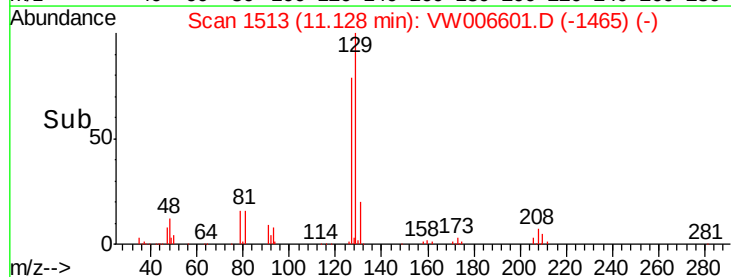
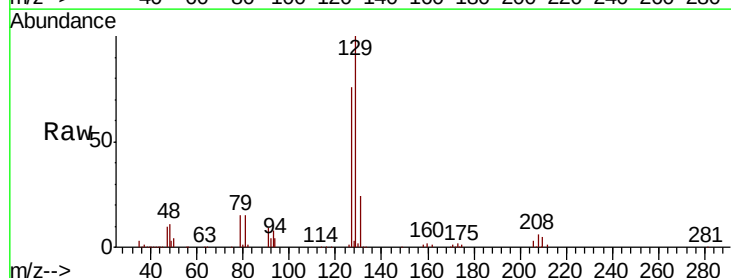
Manual Integrations
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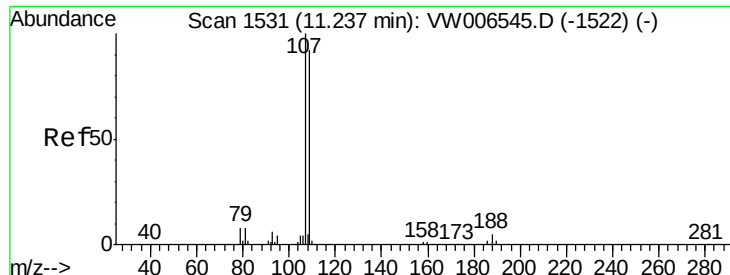
apatel
11/5/2018 10:12:36 AM



#60
Dibromochloromethane
Concen: 51.929 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW006601.D
Acq: 02 Nov 2018 14:51

Tgt Ion	129	Resp	109083
Ion Ratio	100	Lower	Upper
129	100		
127	76.2	38.8	116.3





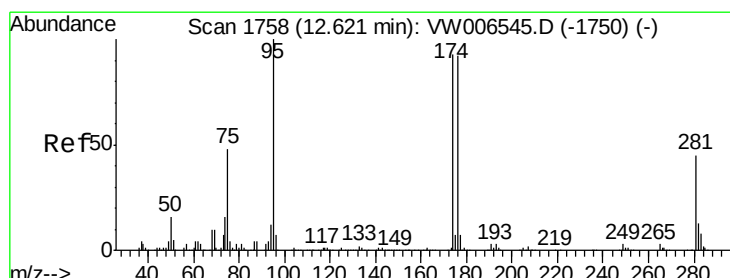
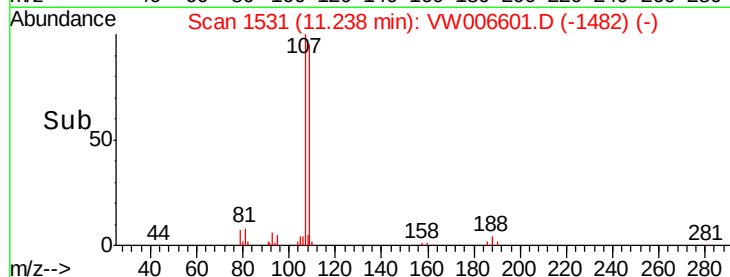
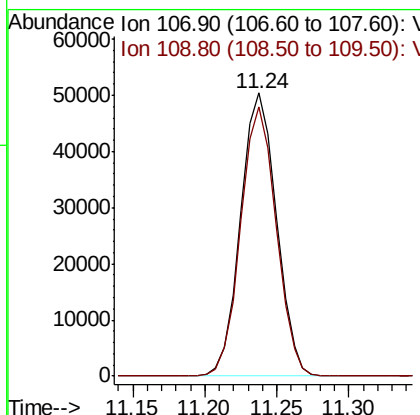
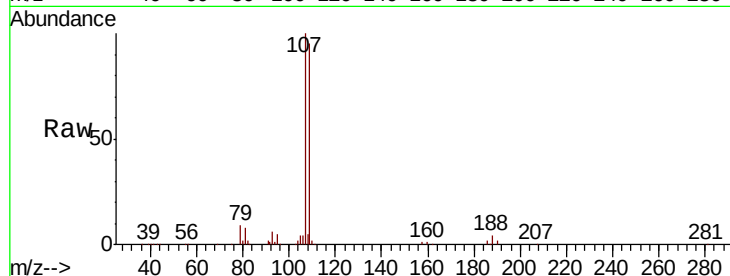
#61
 1,2-Dibromoethane
 Concen: 49.442 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW006601.D
 Acq: 02 Nov 2018 14:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.3	75.8	113.6

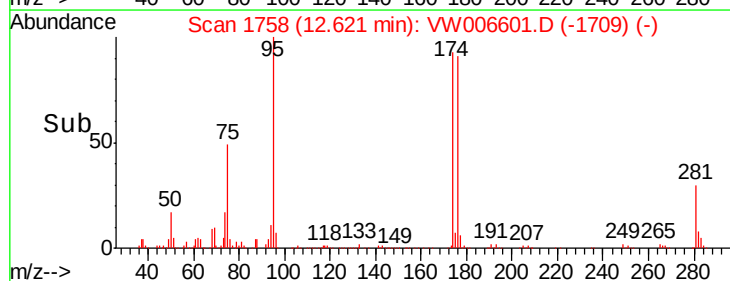
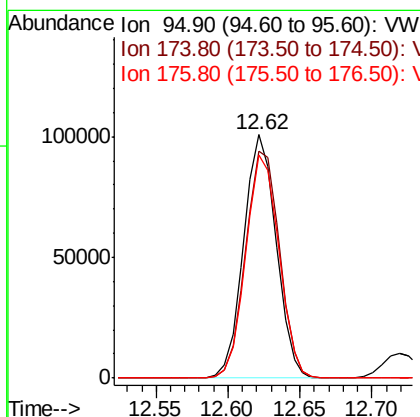
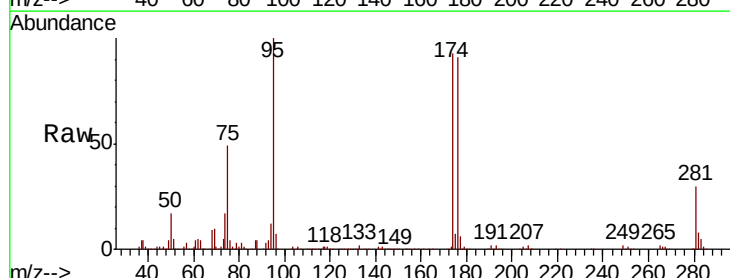
Manual Integrations
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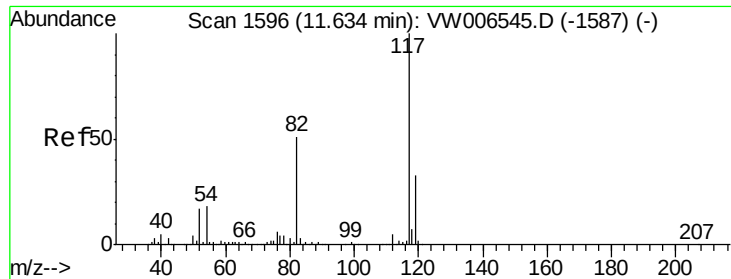
apatel
 11/5/2018 10:12:36 AM



#62
 4-Bromofluorobenzene
 Concen: 49.758 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW006601.D
 Acq: 02 Nov 2018 14:51

Tgt Ion	Ratio	Lower	Upper
95	100		
174	96.8	0.0	192.4
176	93.3	0.0	187.4





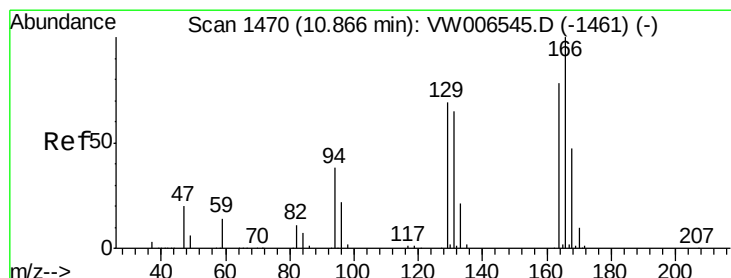
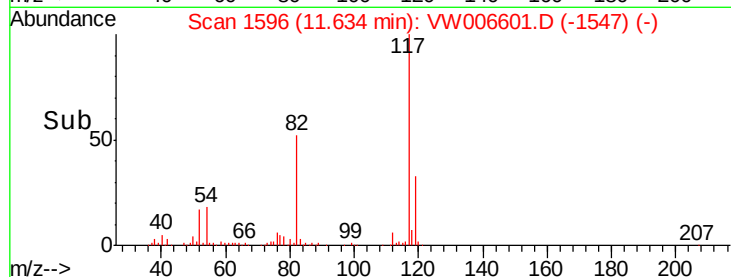
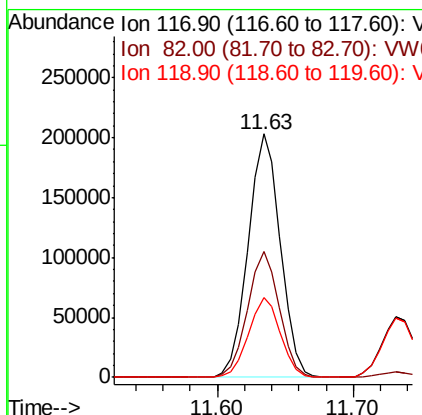
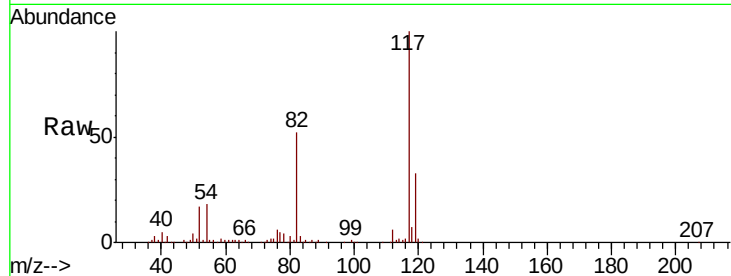
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006601.D
Acq: 02 Nov 2018 14:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.7	40.8	61.2
119	32.7	26.1	39.1

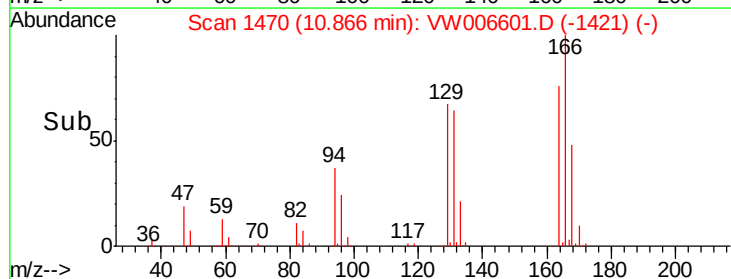
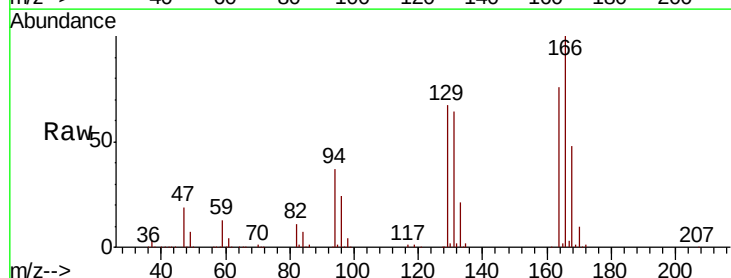
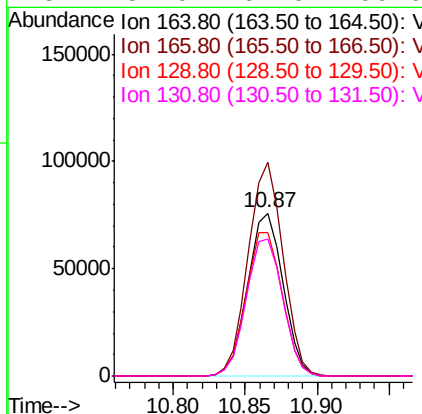
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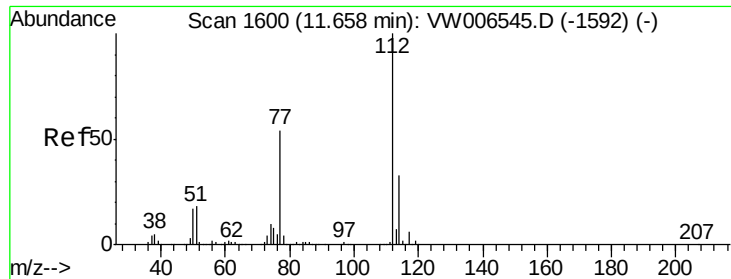
apatel
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#64
Tetrachloroethene
Concen: 48.179 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006601.D
Acq: 02 Nov 2018 14:51

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.0	102.8	154.2
129	88.0	70.9	106.3
131	84.0	67.0	100.6





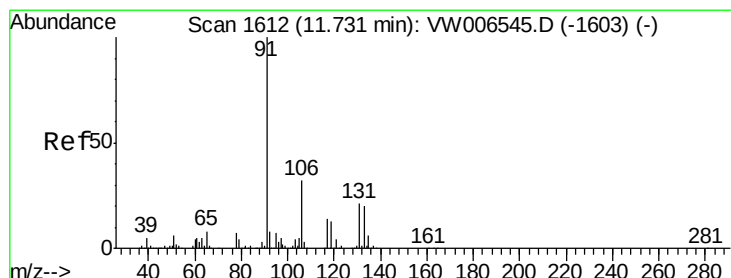
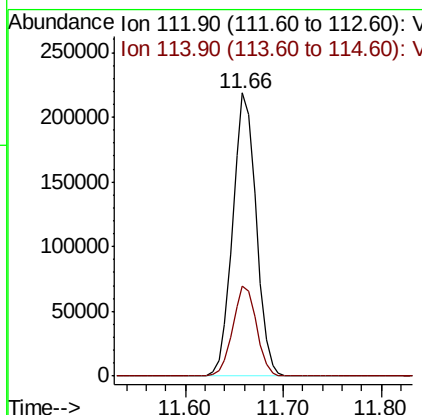
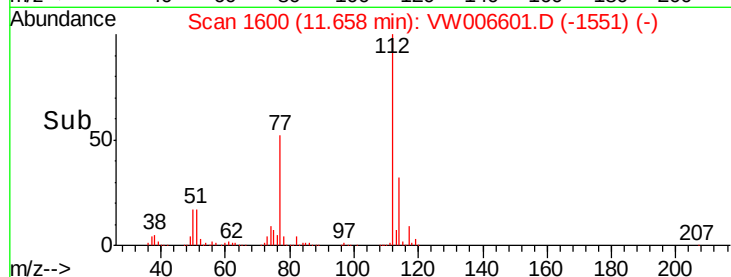
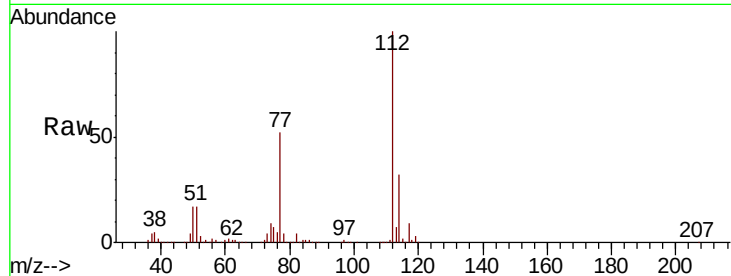
#65
Chlorobenzene
Concen: 51.282 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW006601.D
Acq: 02 Nov 2018 14:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.9	26.2	39.2

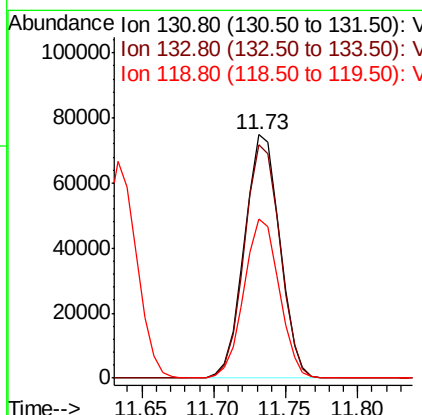
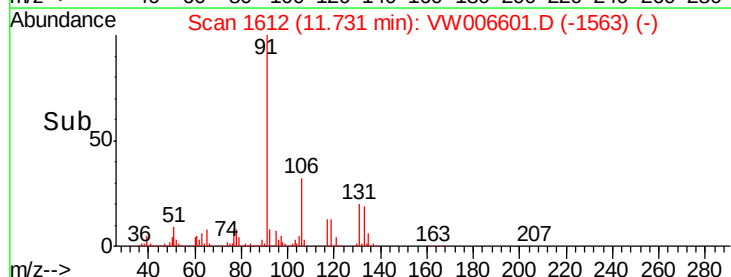
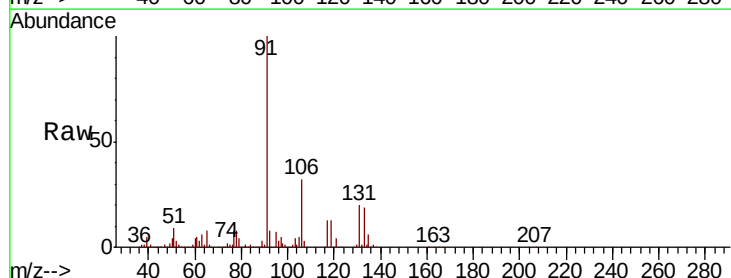
Manual Integrations
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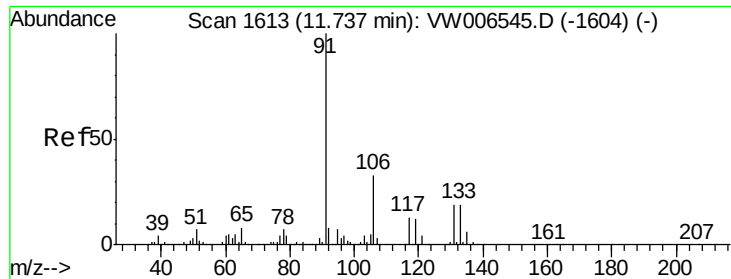
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.298 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW006601.D
Acq: 02 Nov 2018 14:51

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.4	47.5	142.5
119	64.9	31.9	95.5





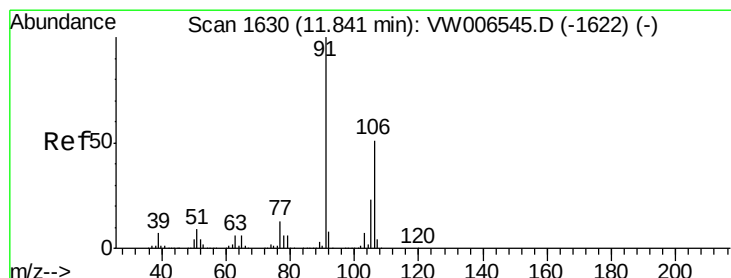
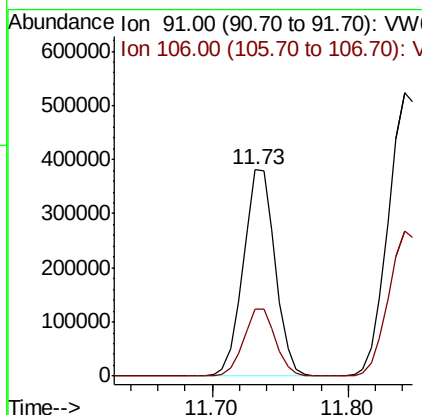
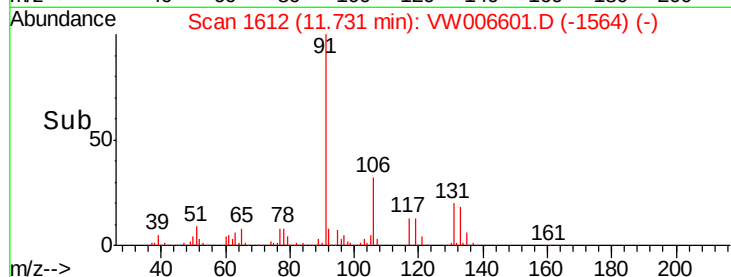
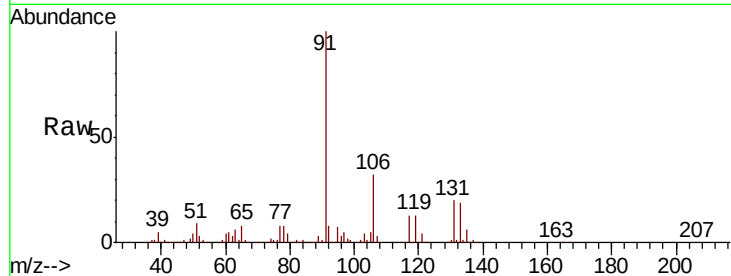
#67
Ethyl Benzene
Concen: 52.860 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW006601.D
Acq: 02 Nov 2018 14:51

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 625558
Ion Ratio Lower Upper
91 100
106 32.3 26.3 39.5

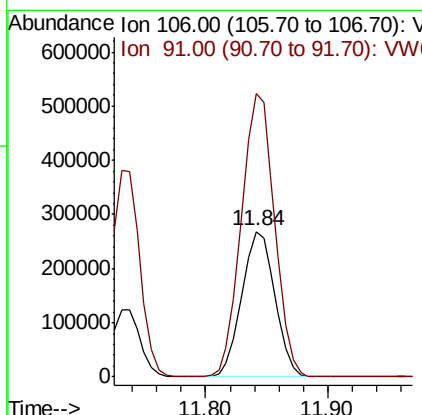
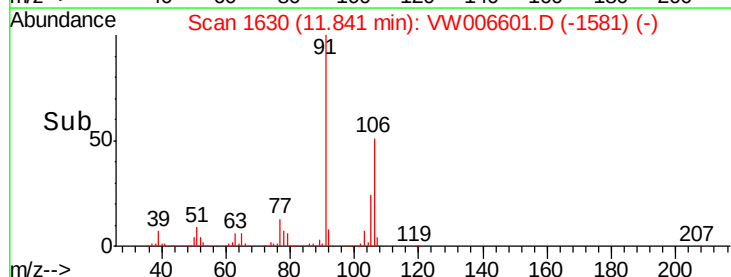
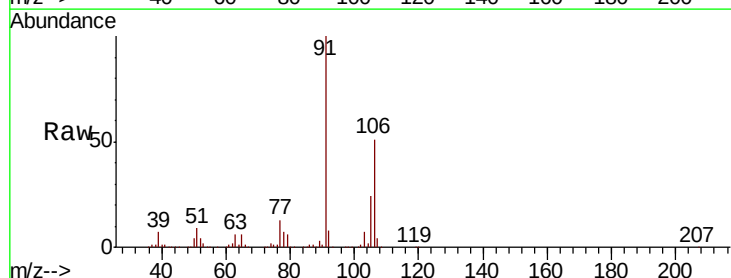
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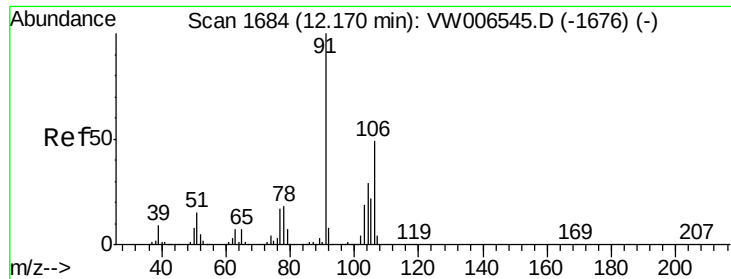
apatel
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#68
m/p-Xylenes
Concen: 106.618 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW006601.D
Acq: 02 Nov 2018 14:51

Tgt Ion: 106 Resp: 504094
Ion Ratio Lower Upper
106 100
91 195.4 156.7 235.1





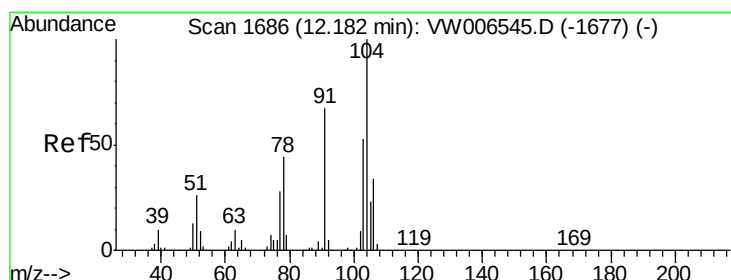
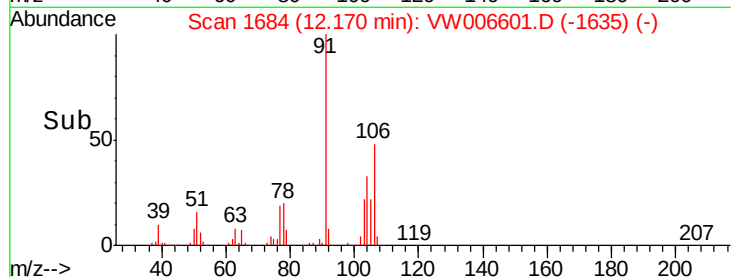
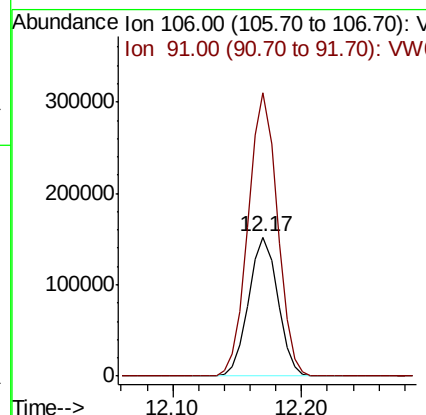
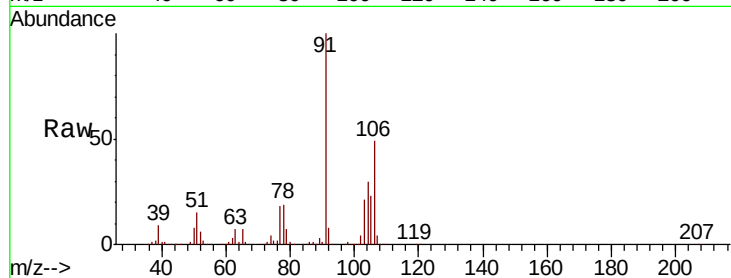
#69
o-Xylene
Concen: 52.865 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006601.D
Acq: 02 Nov 2018 14:51

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	204.0	102.8	308.4

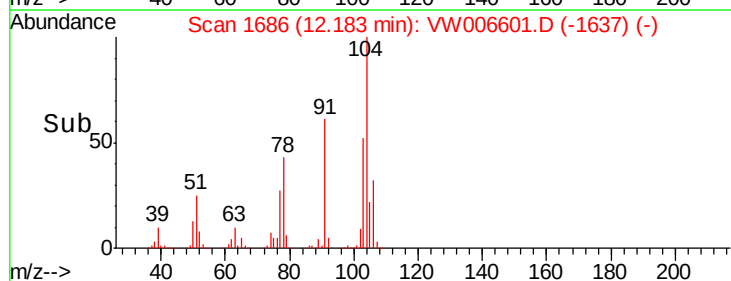
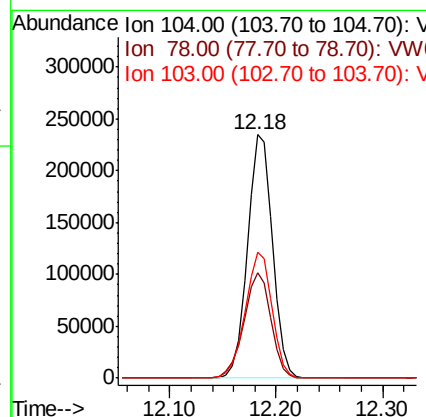
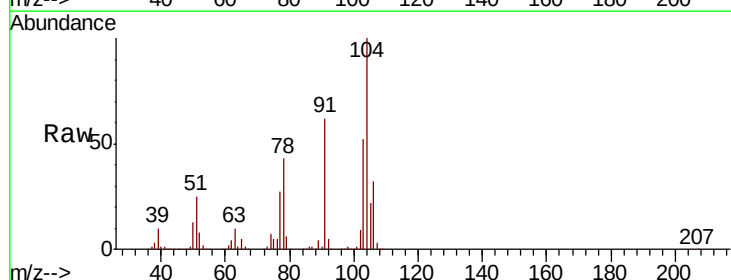
Manual Integrations
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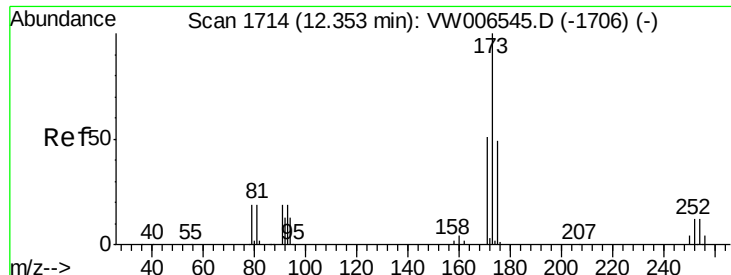
apatel
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#70
Styrene
Concen: 52.618 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW006601.D
Acq: 02 Nov 2018 14:51

Tgt Ion	Ratio	Lower	Upper
104	100		
78	46.9	37.2	55.8
103	55.5	44.2	66.2





#71

Bromoform

Concen: 52.300 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW006601.D

Acq: 02 Nov 2018 14:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 68992

Ion Ratio Lower Upper

173 100

175 48.9 24.1 72.4

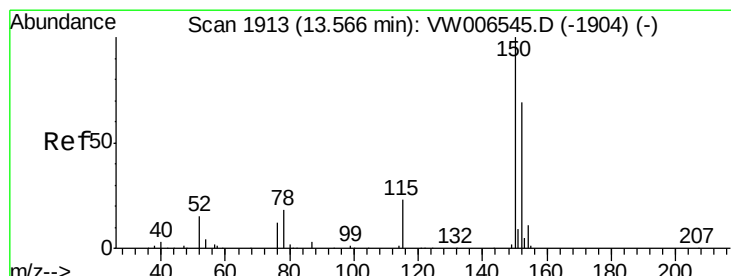
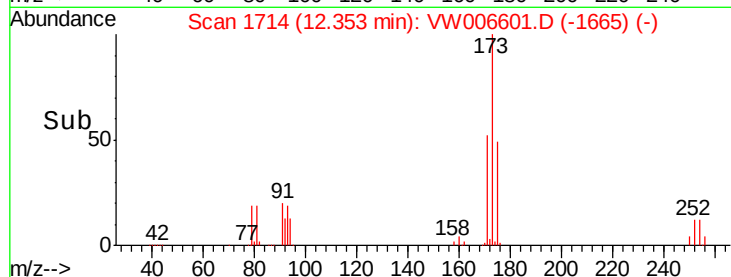
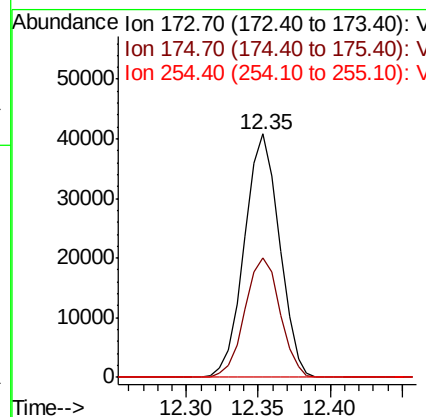
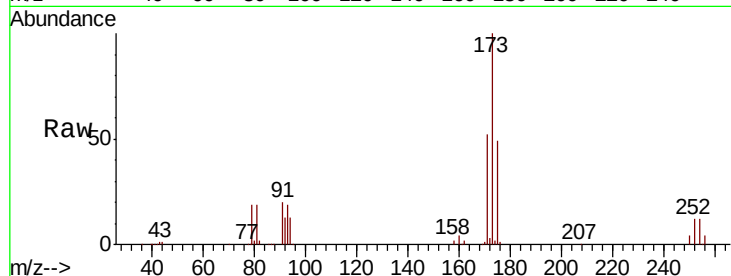
254 0.1 0.1 0.1#

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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: VW006601.D

Acq: 02 Nov 2018 14:51

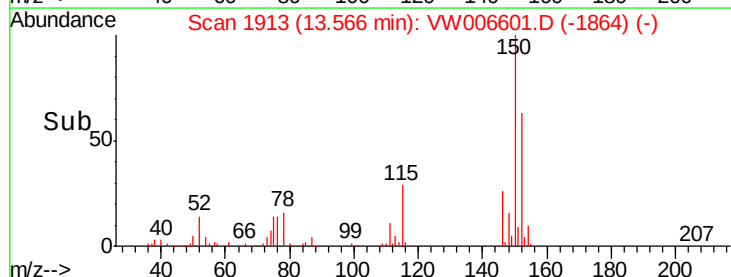
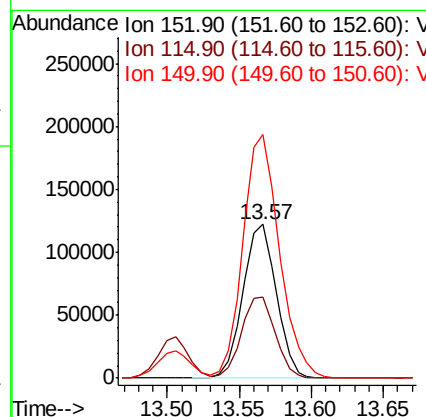
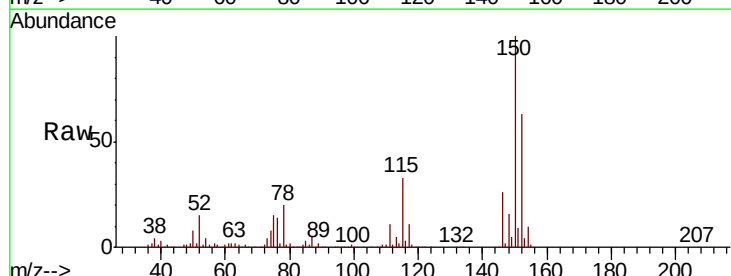
Tgt Ion:152 Resp: 196013

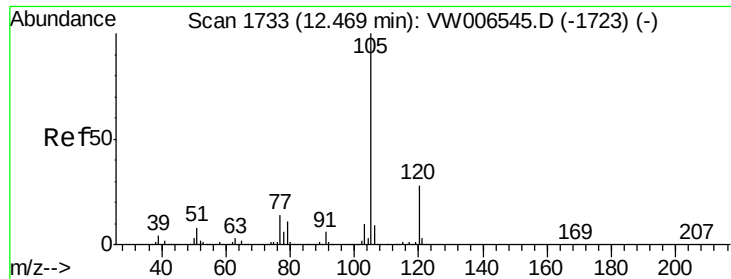
Ion Ratio Lower Upper

152 100

115 53.8 26.6 79.8

150 173.2 0.0 344.6





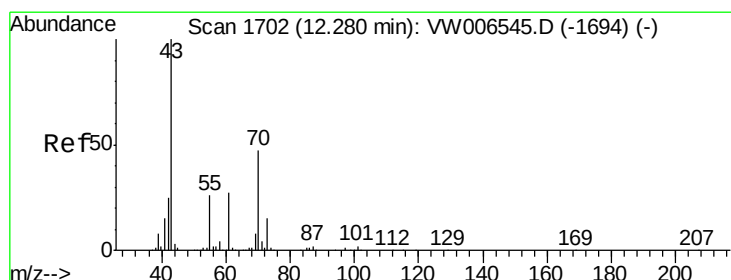
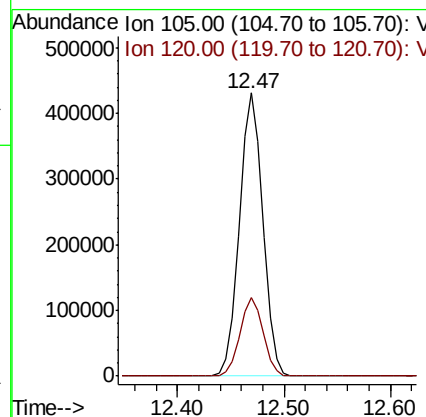
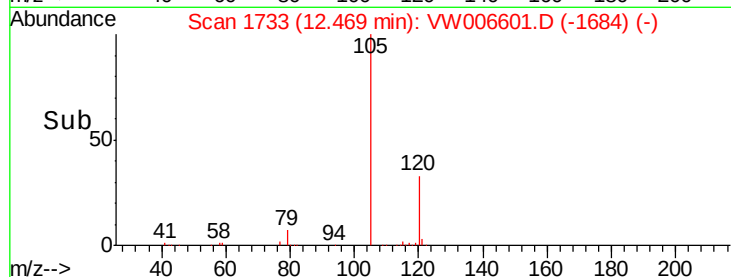
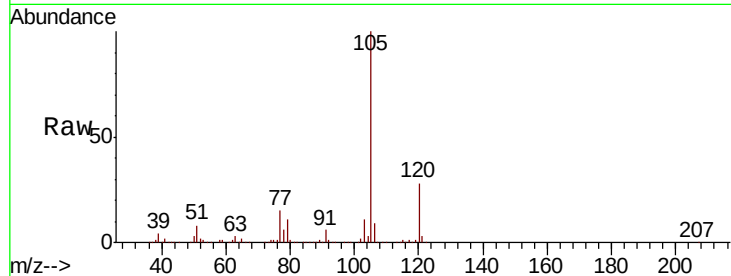
#73
Isopropylbenzene
Concen: 51.580 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW006601.D
Acq: 02 Nov 2018 14:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.5	13.7	41.1

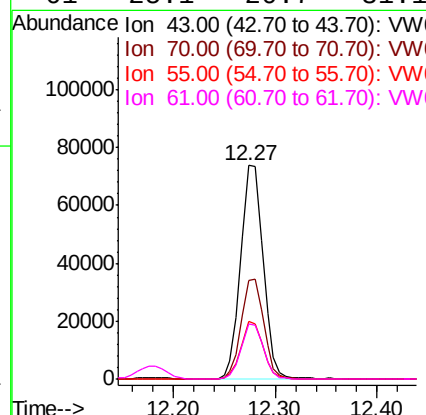
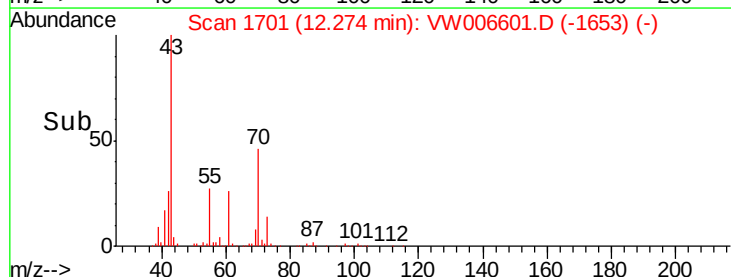
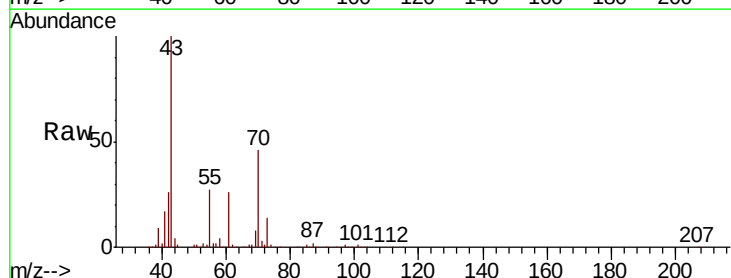
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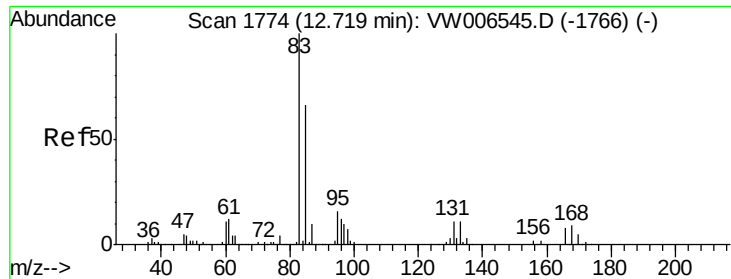
apatel
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#74
N-ethyl acetate
Concen: 50.699 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.01 min
Lab File: VW006601.D
Acq: 02 Nov 2018 14:51

Tgt Ion	Ratio	Lower	Upper
43	100		
70	46.6	36.9	55.3
55	26.4	20.7	31.1
61	25.1	20.7	31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 49.116 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006601.D

Acq: 02 Nov 2018 14:51

Instrument :

MSVOA_W

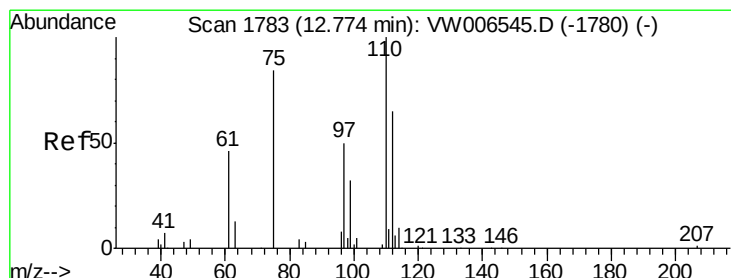
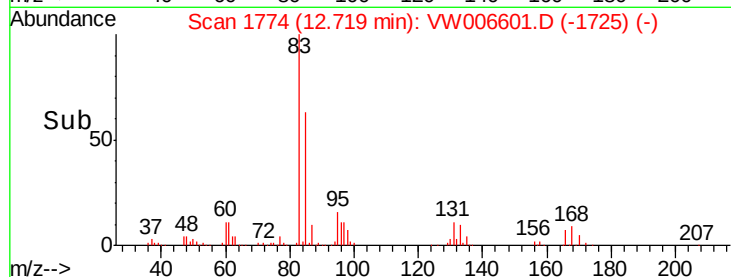
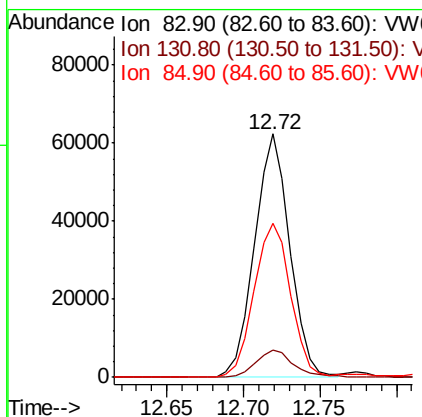
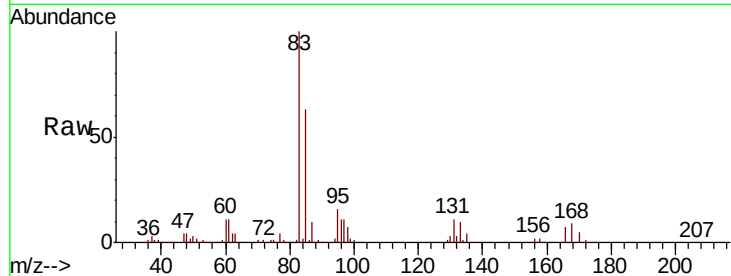
ClientSampled :

VSTDCCC050

Tot Ion:	83	Resp:	100168
Ion Ratio	Lower	Upper	
83	100		
131	12.0	5.9	17.7
85	65.3	32.3	96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 41.244 ug/l m

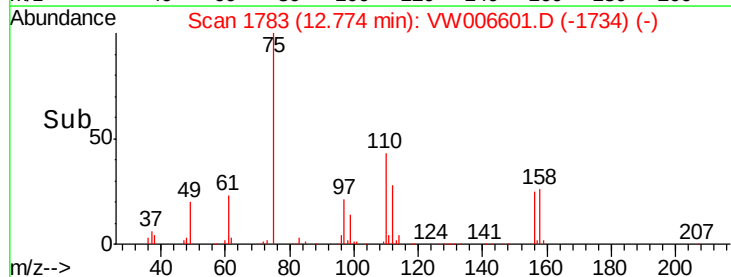
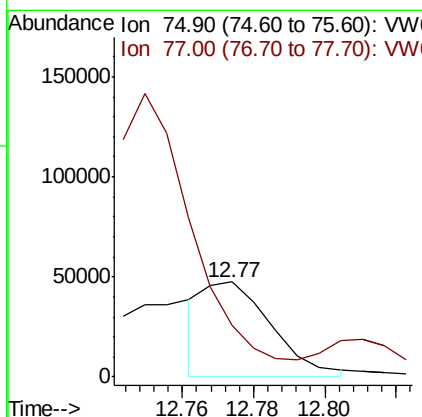
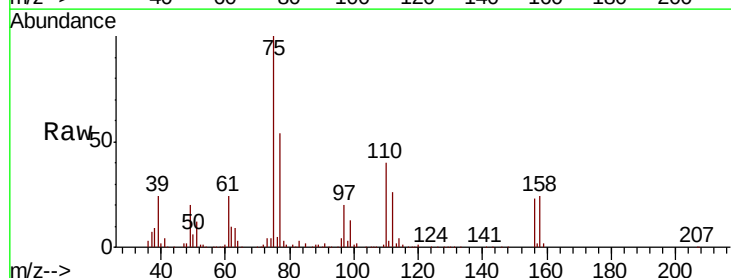
RT: 12.77 min Scan# 1783

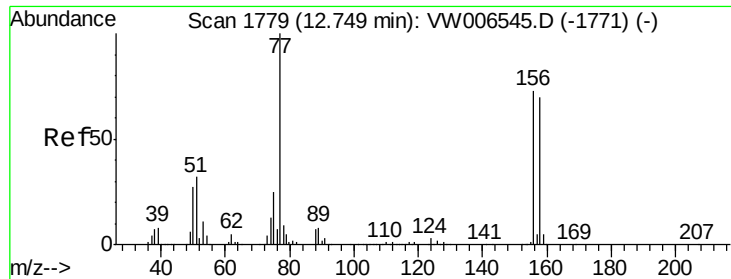
Delta R.T. 0.00 min

Lab File: VW006601.D

Acq: 02 Nov 2018 14:51

Tgt Ion:	75	Resp:	63076
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 49.080 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006601.D

Acq: 02 Nov 2018 14:51

Instrument :

MSVOA_W

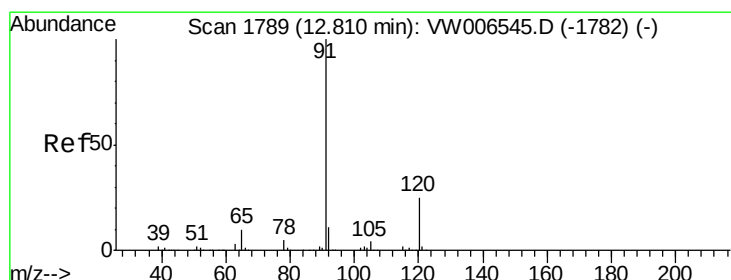
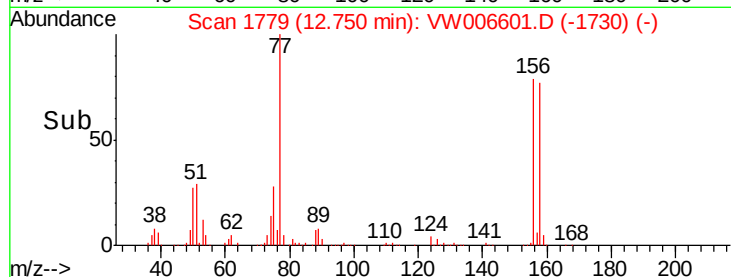
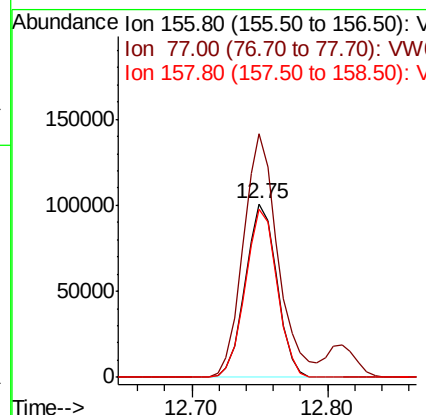
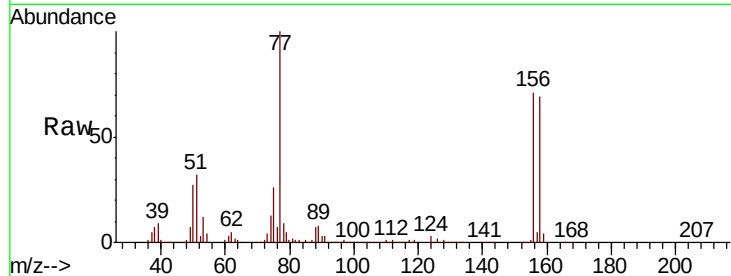
ClientSampled :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		164084		
77	153.6	75.9	227.8		
158	97.4	48.6	145.9		

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#78

n-propylbenzene

Concen: 53.074 ug/l

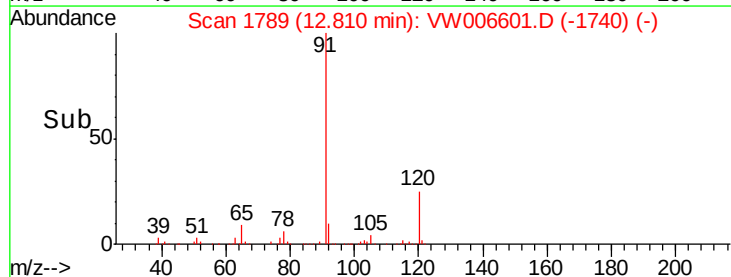
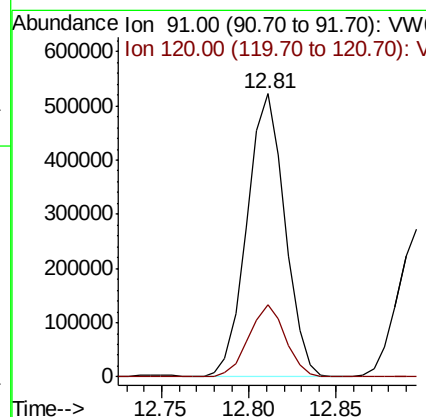
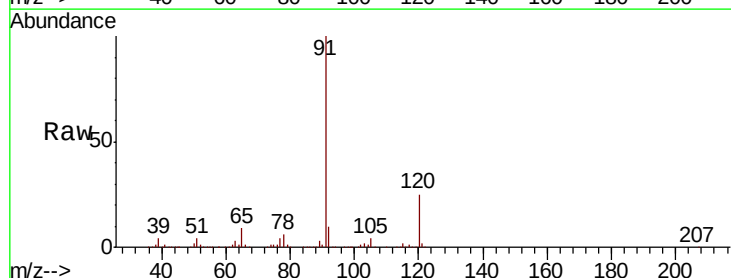
RT: 12.81 min Scan# 1789

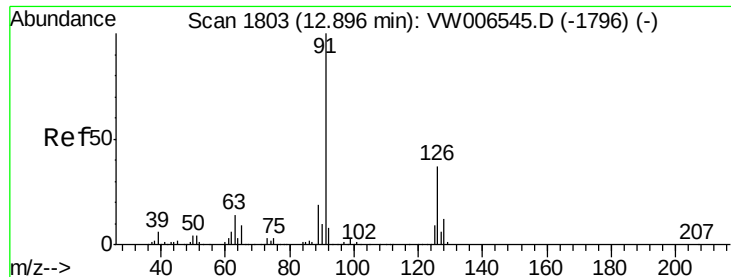
Delta R.T. 0.00 min

Lab File: VW006601.D

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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		788256		
120	24.7	12.4	37.0		





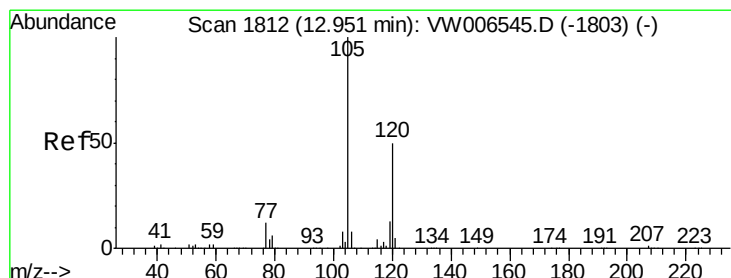
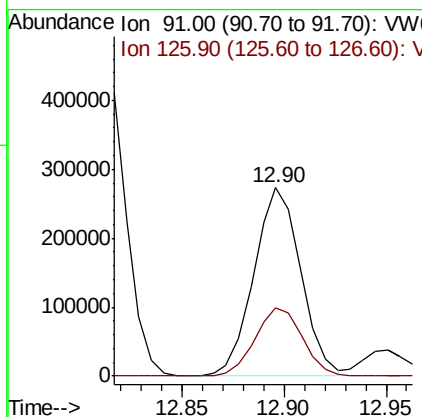
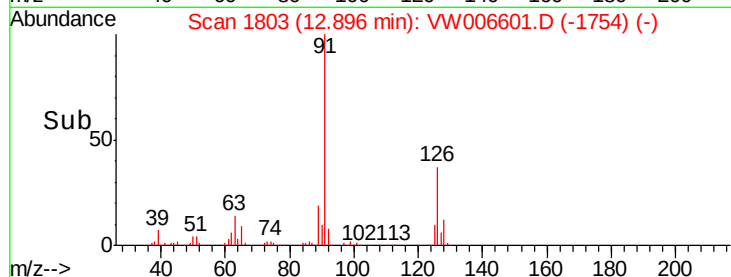
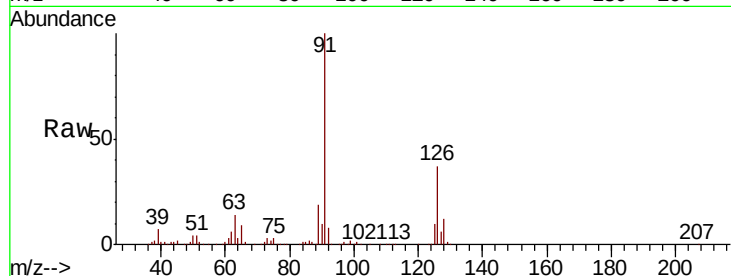
#79
 2-Chlorotoluene
 Concen: 51.187 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW006601.D
 Acq: 02 Nov 2018 14:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 436296
 Ion Ratio Lower Upper
 91 100
 126 36.8 18.5 55.5

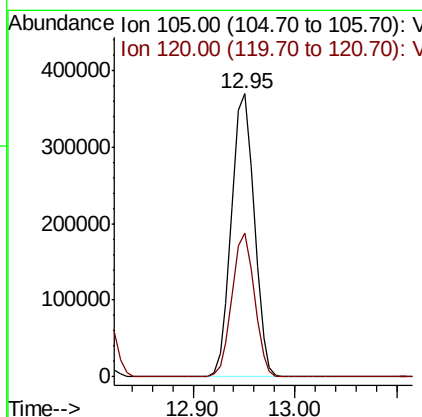
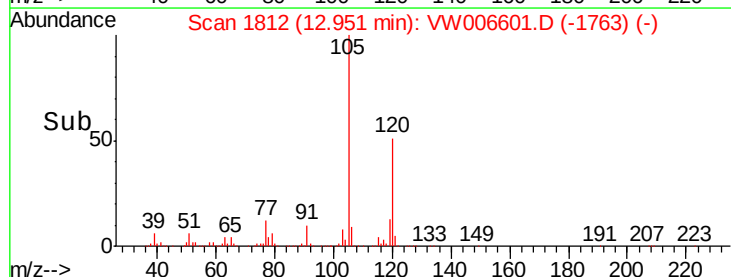
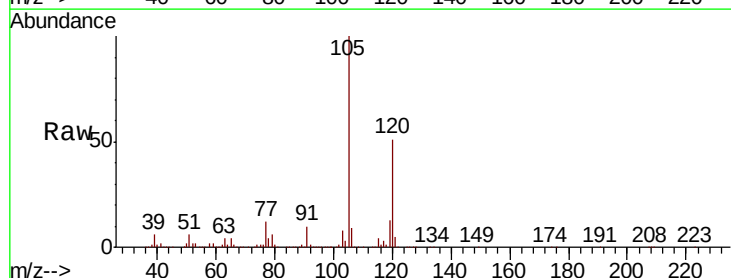
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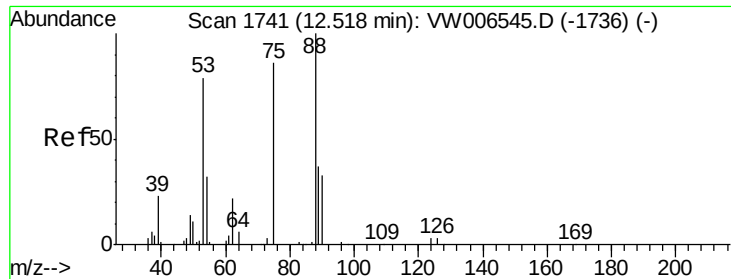
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#80
 1,3,5-Trimethylbenzene
 Concen: 52.473 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VW006601.D
 Acq: 02 Nov 2018 14:51

Tgt Ion: 105 Resp: 569221
 Ion Ratio Lower Upper
 105 100
 120 50.0 25.1 75.3





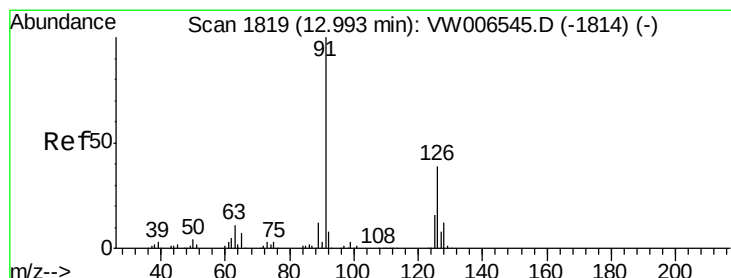
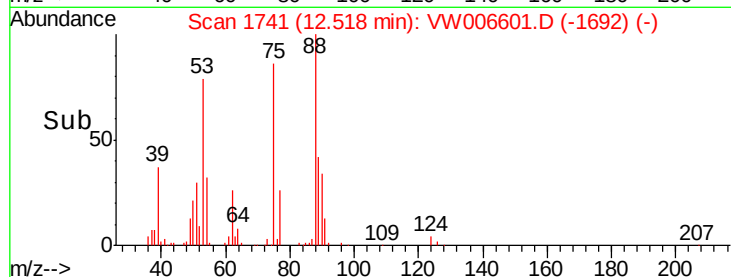
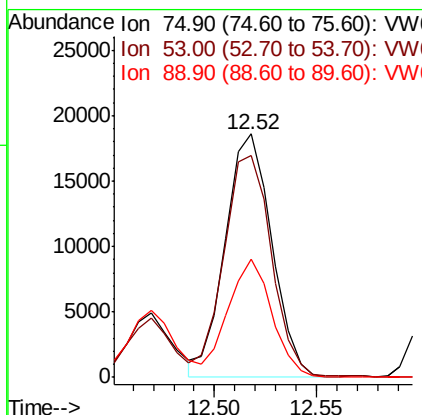
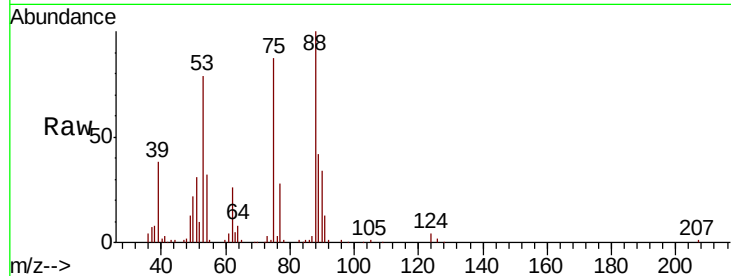
#81
trans-1,4-Dichloro-2-butene
Concen: 49.539 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW006601.D
Acq: 02 Nov 2018 14:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	94.8	77.2	115.8
89	46.1	38.6	58.0

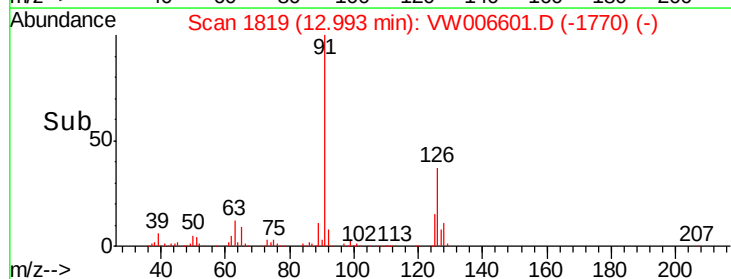
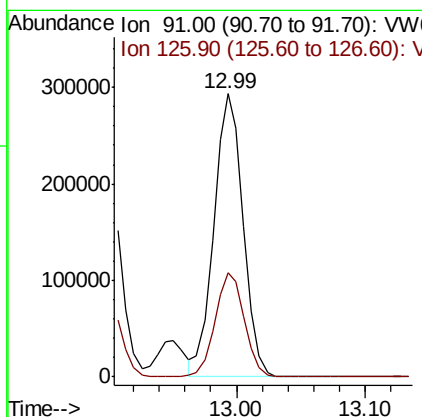
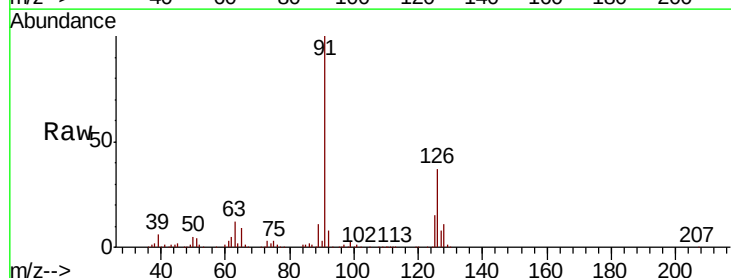
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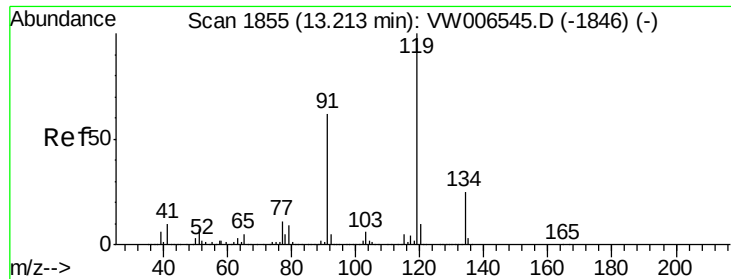
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#82
4-Chlorotoluene
Concen: 51.509 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW006601.D
Acq: 02 Nov 2018 14:51

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.9	18.5	55.5





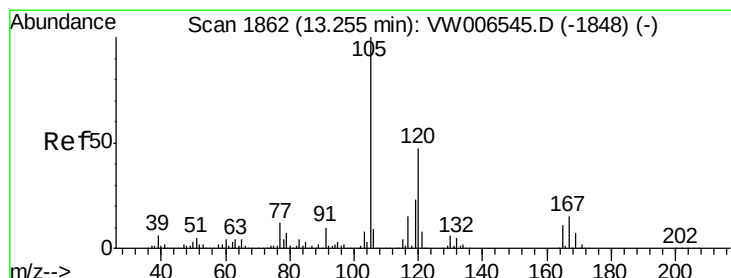
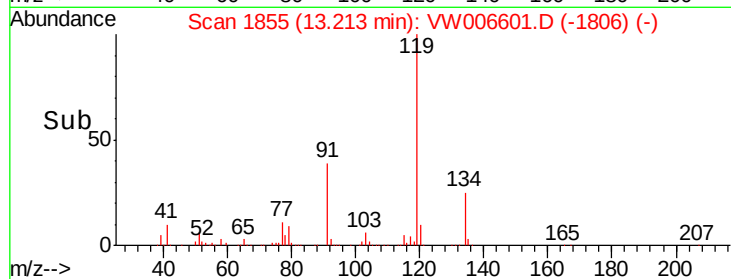
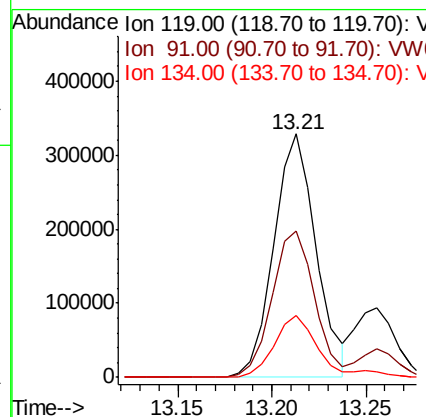
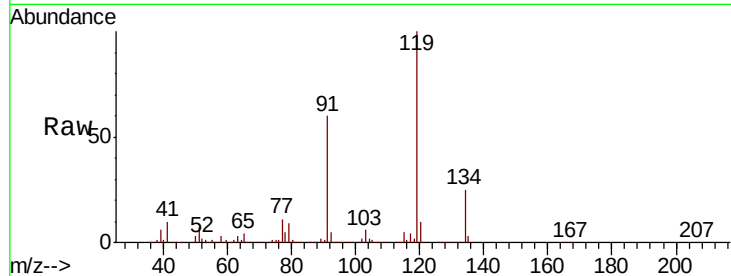
#83
 tert-Butylbenzene
 Concen: 52.729 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW006601.D
 Acq: 02 Nov 2018 14:51

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.6	30.4	91.3
134	27.0	13.5	40.4

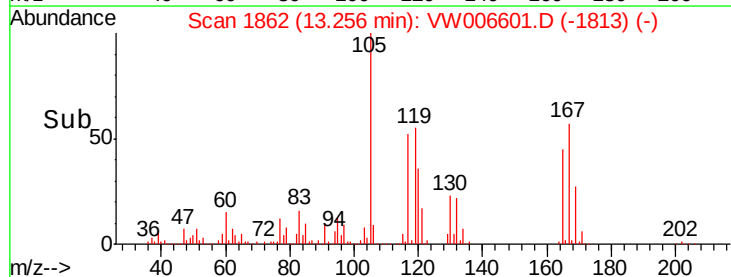
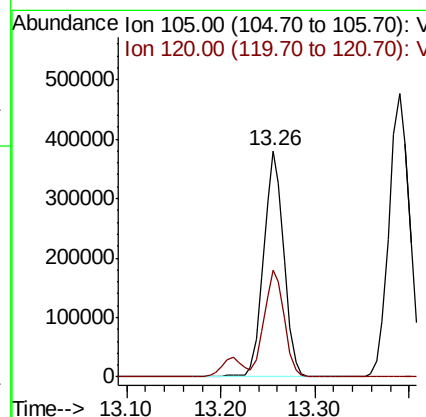
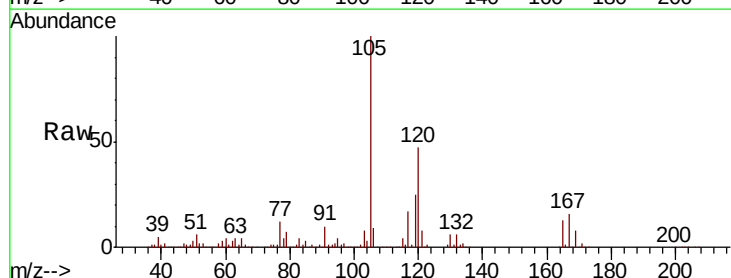
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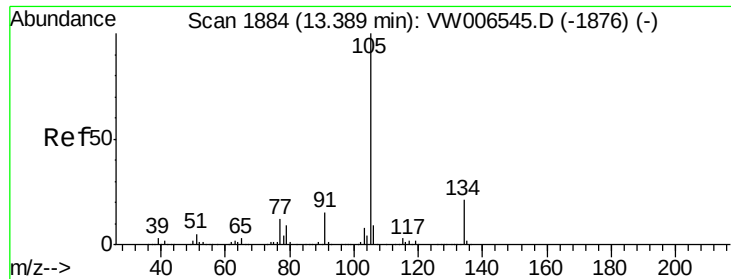
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#84
 1,2,4-Trimethylbenzene
 Concen: 51.635 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW006601.D
 Acq: 02 Nov 2018 14:51

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.6	23.2	69.6





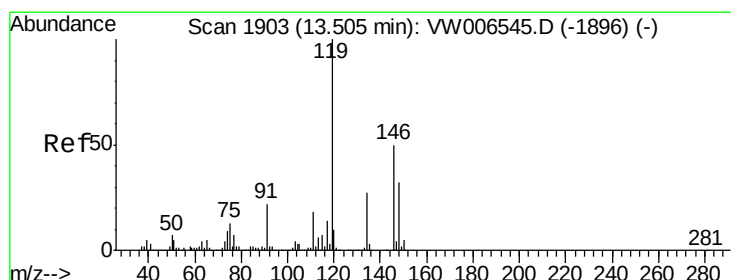
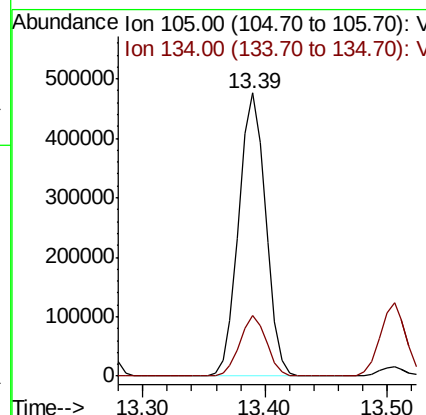
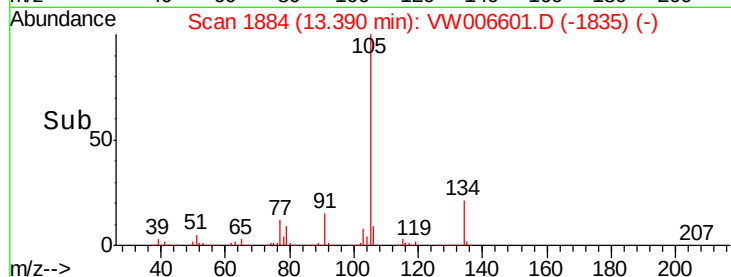
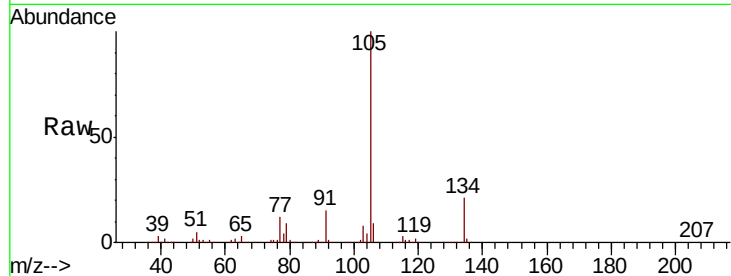
#85
 sec-Butylbenzene
 Concen: 53.496 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW006601.D
 Acq: 02 Nov 2018 14:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.1	10.6	31.8

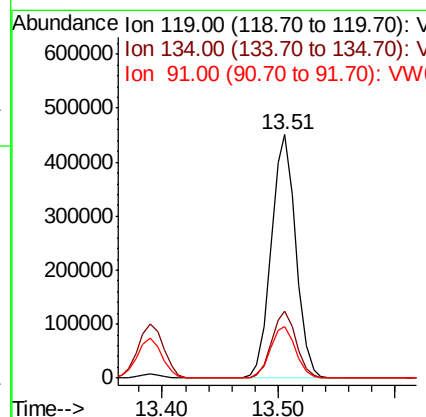
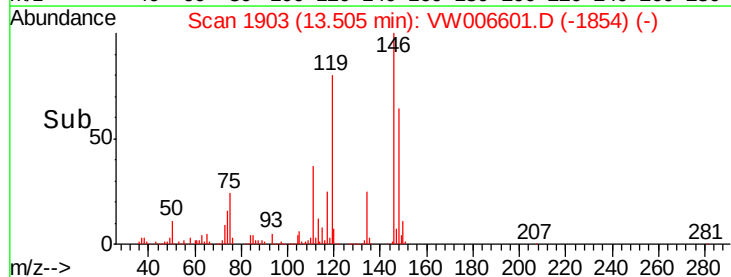
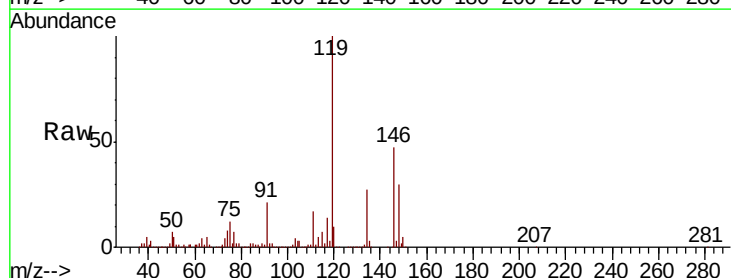
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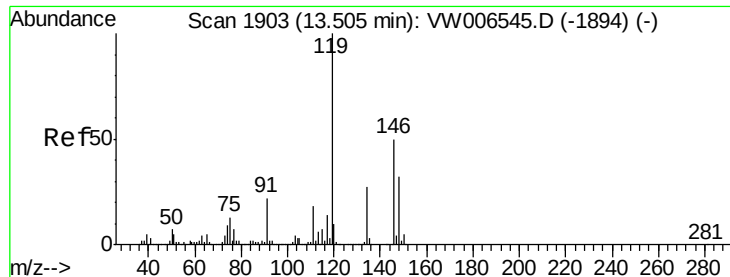
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#86
 p-Isopropyltoluene
 Concen: 53.440 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006601.D
 Acq: 02 Nov 2018 14:51

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.3	13.6	40.7
91	21.8	10.9	32.6





#87

1,3-Dichlorobenzene

Concen: 51.056 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006601.D

Acq: 02 Nov 2018 14:51

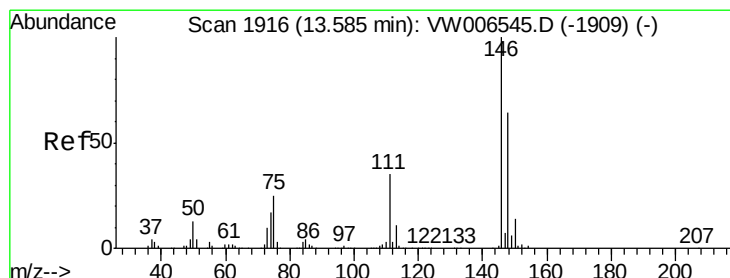
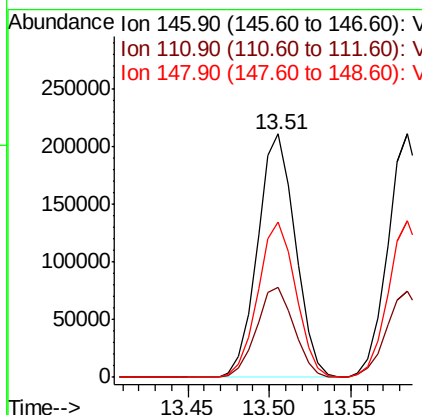
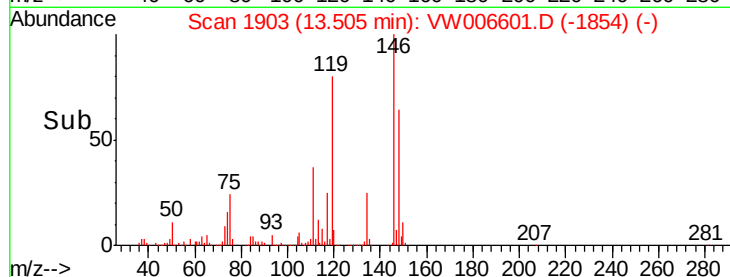
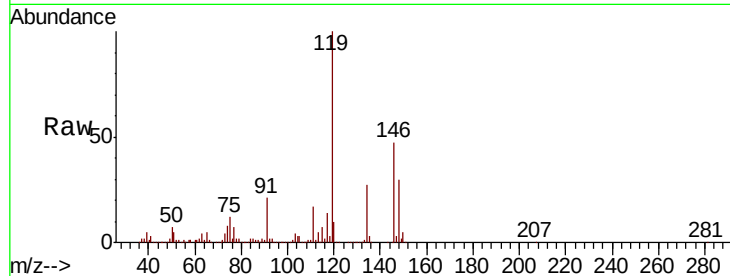
Instrument :
MSVOA_W

ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.6	55.6
148	64.0	32.1	96.3

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#88

1,4-Dichlorobenzene

Concen: 51.020 ug/l

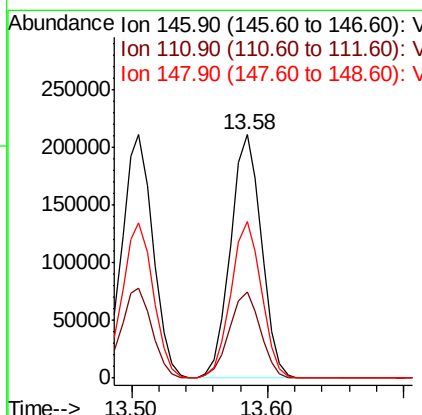
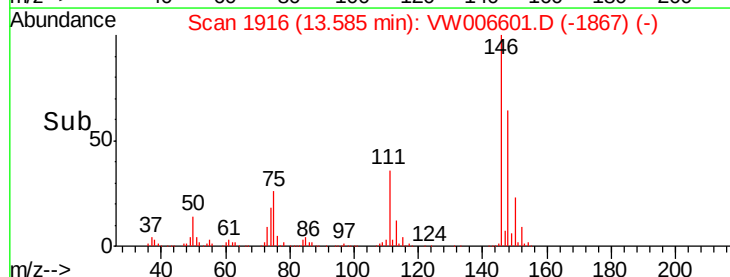
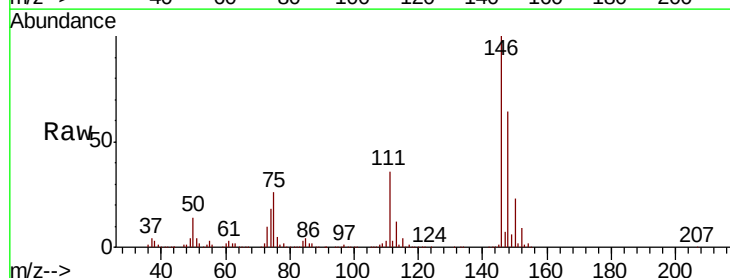
RT: 13.58 min Scan# 1916

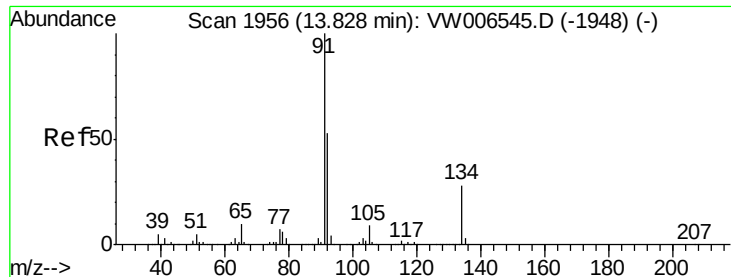
Delta R.T. 0.00 min

Lab File: VW006601.D

Acq: 02 Nov 2018 14:51

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.9	17.9	53.7
148	63.8	32.1	96.5





#89

n-Butylbenzene

Concen: 55.146 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW006601.D

Acq: 02 Nov 2018 14:51

Instrument :

MSVOA_W

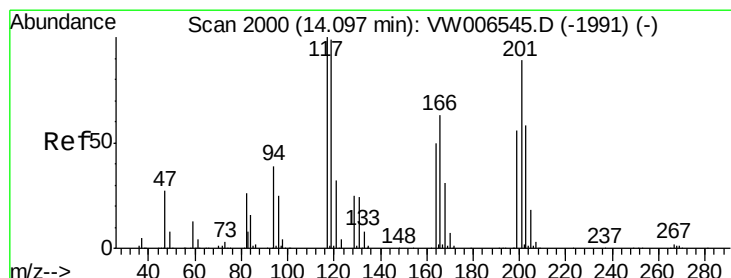
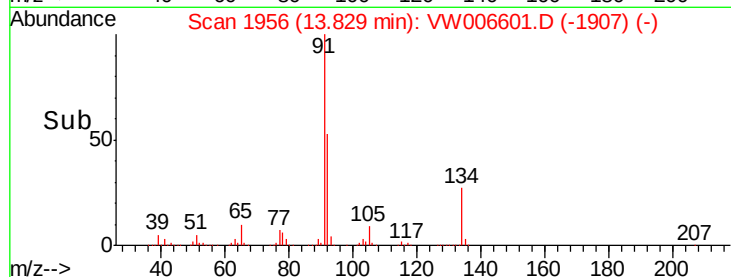
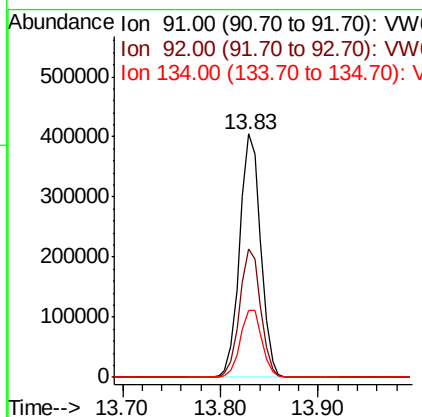
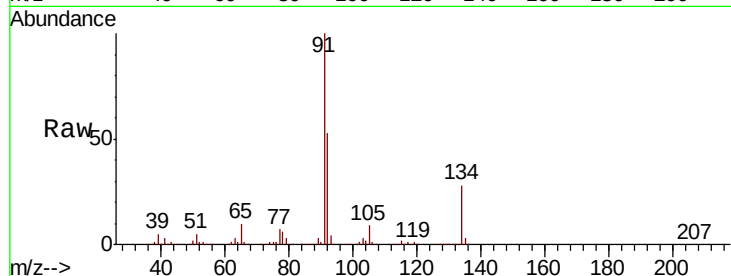
ClientSampleId :

VSTDCCC050

Tot Ion:	91	Resp:	603511
Ion Ratio	Lower	Upper	
91	100		
92	52.6	26.4	79.0
134	28.5	14.3	42.9

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#90

Hexachloroethane

Concen: 53.241 ug/l

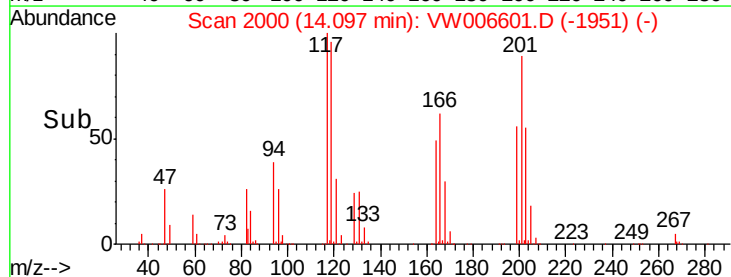
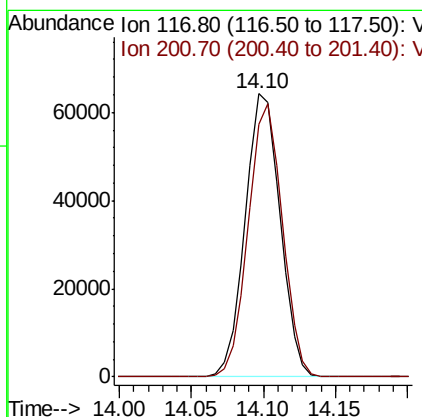
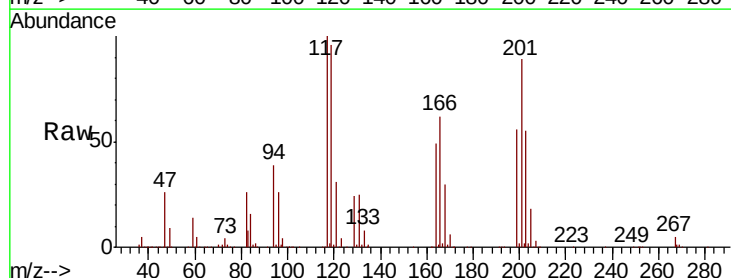
RT: 14.10 min Scan# 2000

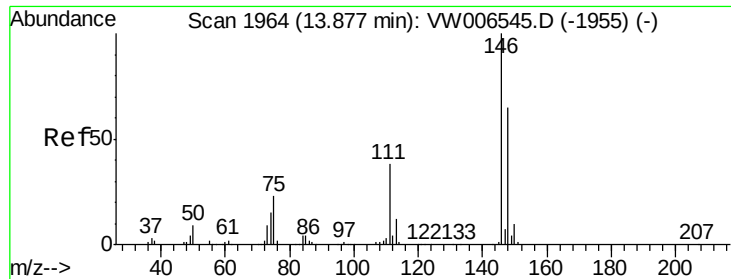
Delta R.T. 0.00 min

Lab File: VW006601.D

Acq: 02 Nov 2018 14:51

Tgt Ion:	117	Resp:	107879
Ion Ratio	Lower	Upper	
117	100		
201	94.0	46.8	140.3





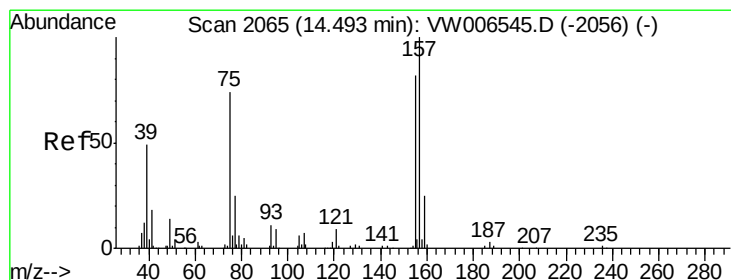
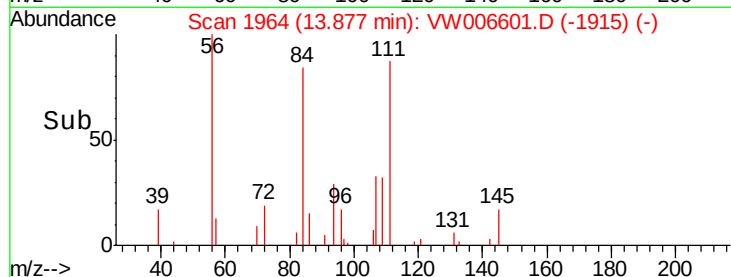
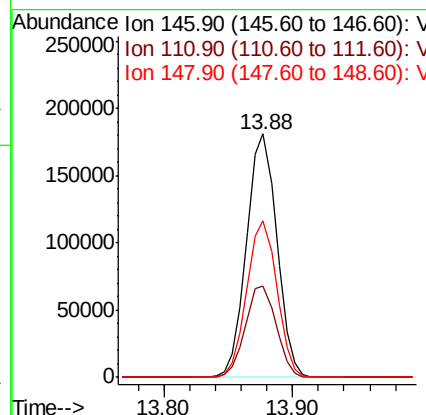
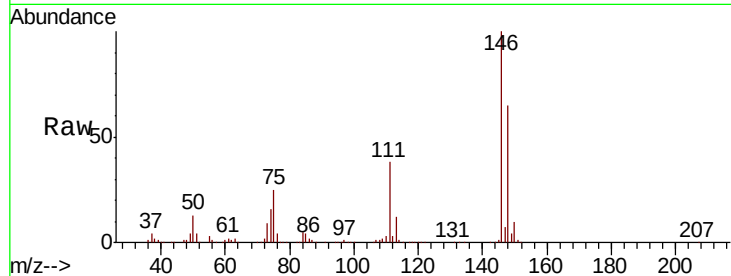
#91
 1,2-Dichlorobenzene
 Concen: 49.616 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW006601.D
 Acq: 02 Nov 2018 14:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.1	57.5
148	64.1	32.0	96.0

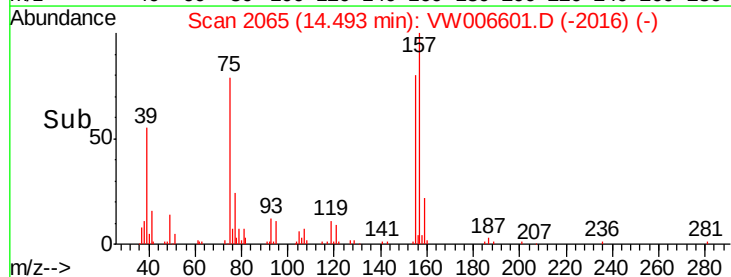
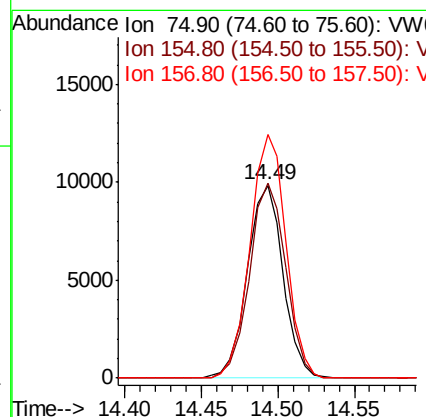
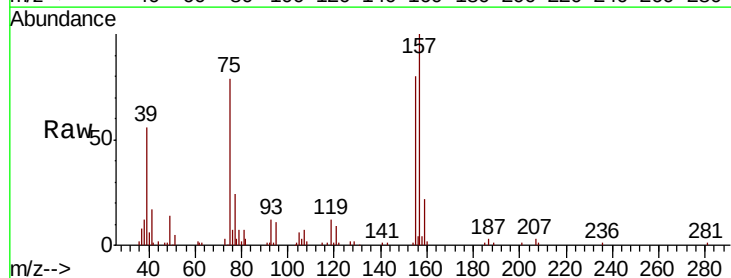
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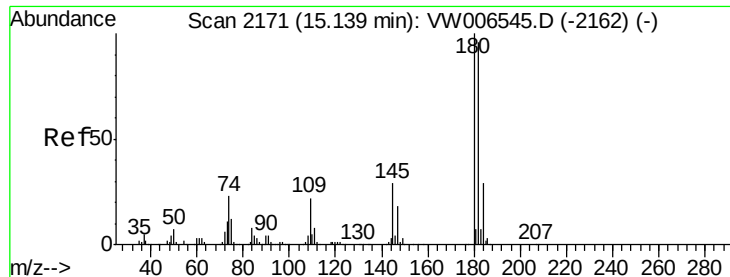
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.190 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW006601.D
 Acq: 02 Nov 2018 14:51

Tgt Ion	Ratio	Lower	Upper
75	100		
155	102.7	50.6	151.8
157	127.3	65.0	195.0





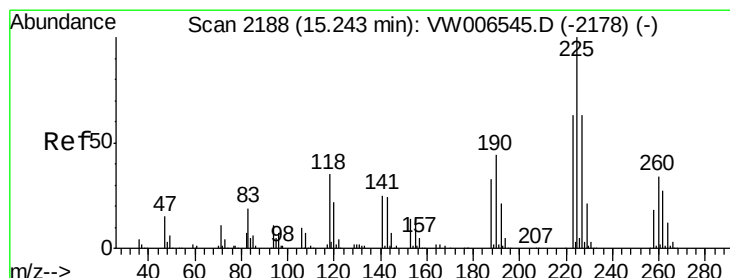
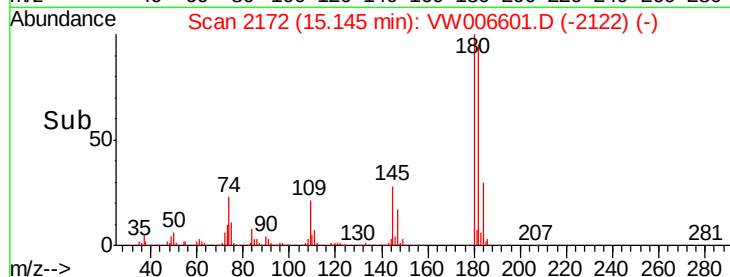
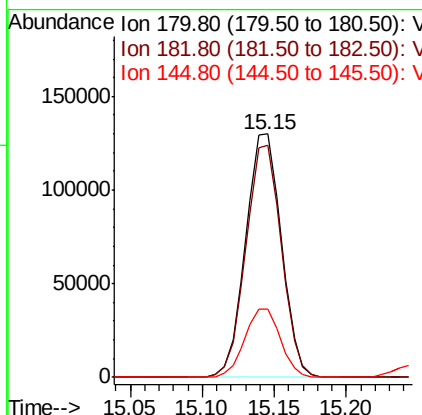
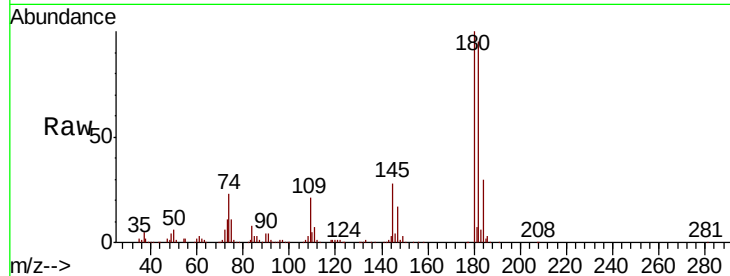
#93
 1,2,4-Trichlorobenzene
 Concen: 50.558 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. 0.01 min
 Lab File: VW006601.D
 Acq: 02 Nov 2018 14:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	222644		
182	94.7	47.5	142.6	
145	28.2	14.0	42.0	

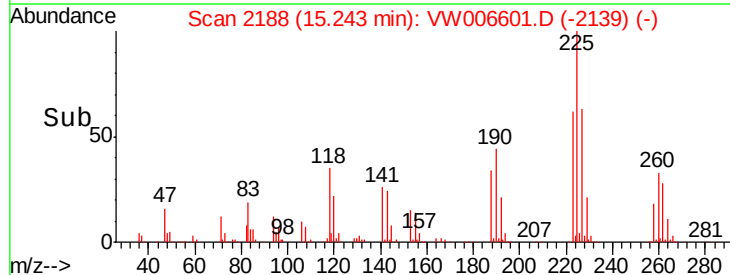
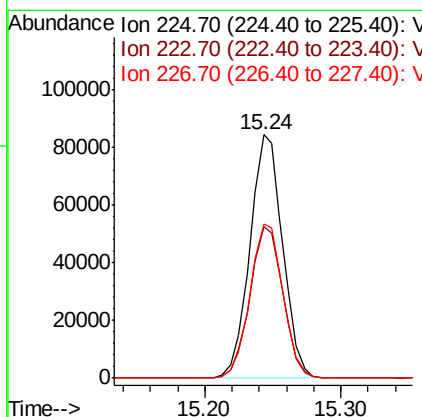
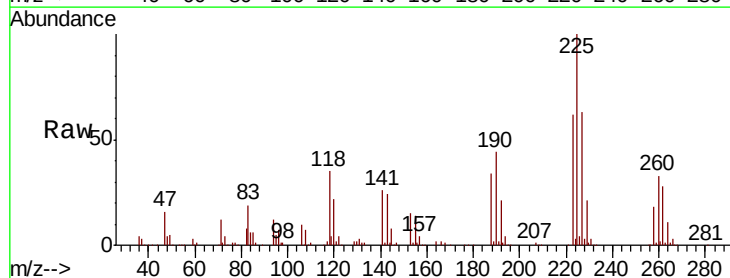
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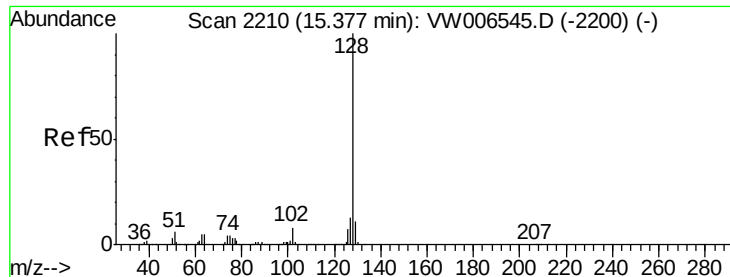
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#94
 Hexachlorobutadiene
 Concen: 51.706 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006601.D
 Acq: 02 Nov 2018 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	141913		
223	62.9	31.4	94.2	
227	63.9	32.2	96.6	





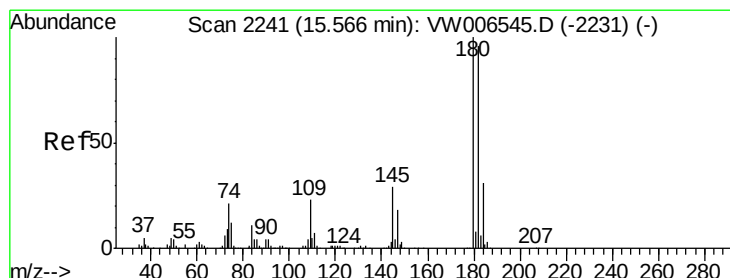
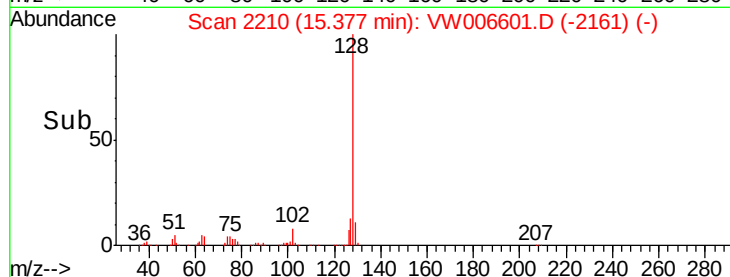
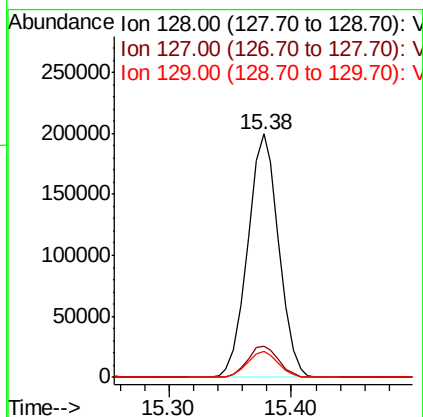
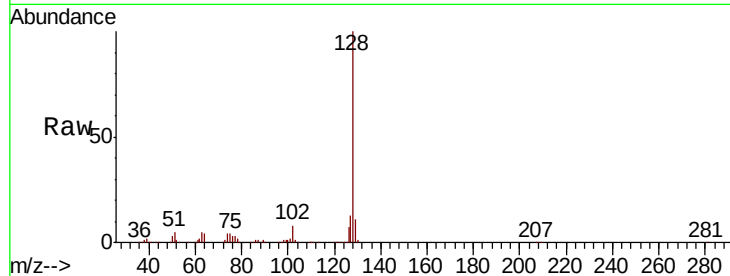
#95
Naphthalene
Concen: 49.700 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006601.D
Acq: 02 Nov 2018 14:51

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	10.8	8.7	13.1

Manual Integrations
APPROVED

apatel
11/5/2018 10:12:36 AM



#96
1,2,3-Trichlorobenzene
Concen: 49.557 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006601.D
Acq: 02 Nov 2018 14:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	48.2	144.6
145	29.5	14.9	44.5

