

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092518\
 Data File : VW005603.D
 Acq On : 25 Sep 2018 11:52
 Operator : VA/AP
 Sample : VW0925SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBS01

Manual Integrations
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Quant Time: Sep 25 14:16:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	234995	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	349427	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	317655	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	174212	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	122394	44.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.42%	
35) Dibromofluoromethane	7.89	113	105196	47.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.74%	
50) Toluene-d8	10.33	98	438152	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	
62) 4-Bromofluorobenzene	12.62	95	159540	48.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	33087	21.556	ug/l	92
3) Chloromethane	2.21	50	33497	17.732	ug/l	96
4) Vinyl Chloride	2.37	62	47780	21.160	ug/l	99
5) Bromomethane	2.79	94	29978	19.645	ug/l	97
6) Chloroethane	2.93	64	28884	19.935	ug/l	96
7) Trichlorofluoromethane	3.26	101	35257	19.964	ug/l	99
8) Diethyl Ether	3.68	74	21934	19.013	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	46756	20.915	ug/l	98
10) Methyl Iodide	4.26	142	68962	20.059	ug/l	98
11) Tert butyl alcohol	5.24	59	13705	94.404	ug/l #	72
12) 1,1-Dichloroethene	4.03	96	43221	20.195	ug/l	94
13) Acrolein	3.90	56	10717	100.339	ug/l	99
14) Allyl chloride	4.67	41	71929	19.258	ug/l	99
15) Acrylonitrile	5.37	53	44128	86.153	ug/l	99
16) Acetone	4.14	43	48098	105.043	ug/l	99
17) Carbon Disulfide	4.37	76	132797	19.859	ug/l	98
18) Methyl Acetate	4.68	43	19889	15.158	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	62296	18.858	ug/l	97
20) Methylene Chloride	4.92	84	52234	19.942	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	46141	19.683	ug/l	91
22) Diisopropyl ether	6.32	45	136665	18.848	ug/l	97
23) Vinyl Acetate	6.26	43	380938	91.918	ug/l	99
24) 1,1-Dichloroethane	6.22	63	85553	19.097	ug/l	98
25) 2-Butanone	7.19	43	58400	86.855	ug/l	95
26) 2,2-Dichloropropane	7.17	77	62677	20.041	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	49213	19.034	ug/l	99
28) Bromochloromethane	7.51	49	31804	17.923	ug/l	97
29) Tetrahydrofuran	7.54	42	35407	84.290	ug/l	98
30) Chloroform	7.68	83	89273	19.302	ug/l	99
31) Cyclohexane	7.96	56	83505	19.456	ug/l	95
32) 1,1,1-Trichloroethane	7.88	97	80604	19.728	ug/l	99
36) 1,1-Dichloropropene	8.09	75	71552	20.342	ug/l	99
37) Ethyl Acetate	7.26	43	26558	17.941	ug/l	98
38) Carbon Tetrachloride	8.07	117	76797	20.374	ug/l	99

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	85209	20.532	ug/l	99
40) Benzene	8.32	78	193018	19.367	ug/l	99
41) Methacrylonitrile	7.49	41	15512	18.415	ug/l	99
42) 1,2-Dichloroethane	8.41	62	59169	18.543	ug/l	98
43) Isopropyl Acetate	8.43	43	49917	17.151	ug/l	98
44) Trichloroethene	9.09	130	51773	20.295	ug/l	98
45) 1,2-Dichloropropane	9.37	63	46619	19.013	ug/l	99
46) Dibromomethane	9.46	93	23338	19.050	ug/l	97
47) Bromodichloromethane	9.65	83	62178	18.893	ug/l	98
48) Methyl methacrylate	9.44	41	24119	17.448	ug/l	96
49) 1,4-Dioxane	9.49	88	7552	387.724	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	126143	86.056	ug/l	99
52) Toluene	10.39	92	125222	20.137	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	61377	18.604	ug/l	95
54) cis-1,3-Dichloropropene	10.08	75	72287	19.556	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	32666	18.784	ug/l	99
56) Ethyl methacrylate	10.65	69	38683	18.019	ug/l	97
57) 1,3-Dichloropropane	10.94	76	57260	18.578	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	96462	99.125	ug/l	97
59) 2-Hexanone	10.98	43	90290	90.673	ug/l	100
60) Dibromochloromethane	11.13	129	39947	19.012	ug/l	100
61) 1,2-Dibromoethane	11.24	107	30105	18.567	ug/l	95
64) Tetrachloroethene	10.87	164	44705	19.829	ug/l	98
65) Chlorobenzene	11.66	112	132837	19.699	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.74	131	46579	19.192	ug/l	97
67) Ethyl Benzene	11.74	91	236932	19.794	ug/l	98
68) m/p-Xylenes	11.85	106	186463	41.233	ug/l	99
69) o-Xylene	12.17	106	85745	20.246	ug/l	99
70) Styrene	12.19	104	142447	19.986	ug/l	99
71) Bromoform	12.35	173	24065	18.680	ug/l #	98
73) Isopropylbenzene	12.47	105	247211	20.463	ug/l	99
74) N-amyl acetate	12.28	43	47719	17.443	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	36184	18.032	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	26774m	18.029	ug/l	
77) Bromobenzene	12.76	156	55671	19.661	ug/l	97
78) n-propylbenzene	12.81	91	300678	20.557	ug/l	98
79) 2-Chlorotoluene	12.90	91	170604	20.161	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	218592	20.808	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	12476	18.922	ug/l	95
82) 4-Chlorotoluene	12.99	91	182150	20.372	ug/l	100
83) tert-Butylbenzene	13.21	119	183179	20.756	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	224306	21.159	ug/l	99
85) sec-Butylbenzene	13.39	105	268109	20.946	ug/l	100
86) p-Isopropyltoluene	13.51	119	242356	21.124	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	117479	20.290	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	115727	20.097	ug/l	99
89) n-Butylbenzene	13.83	91	226660	20.945	ug/l	99
90) Hexachloroethane	14.10	117	41912	20.156	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	103724	20.294	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7077	18.510	ug/l	96

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ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VW0925SBS01

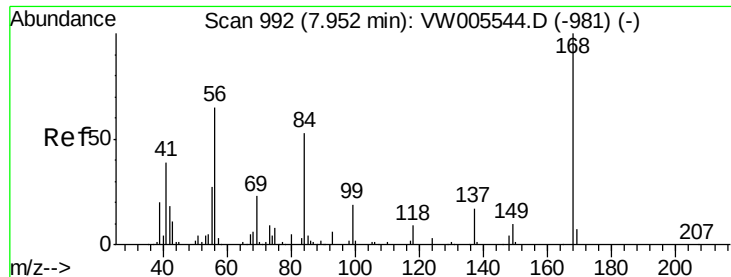
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	74583	20.456	ug/l	98
94) Hexachlorobutadiene	15.24	225	49063	20.771	ug/l	99
95) Naphthalene	15.38	128	117403	19.143	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	63931	19.896	ug/l	97

(#) = 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: VW005603.D

Acq: 25 Sep 2018 11:52

Instrument :

MSVOA_W

ClientSampleId :

VW0925SBS01

Tot Ion:168 Resp: 234995

Ion Ratio Lower Upper

168 100

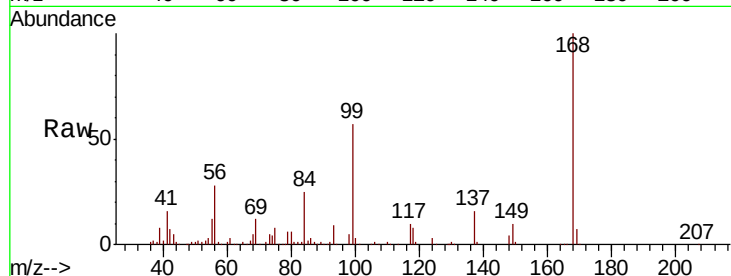
99 56.7 48.4 72.6

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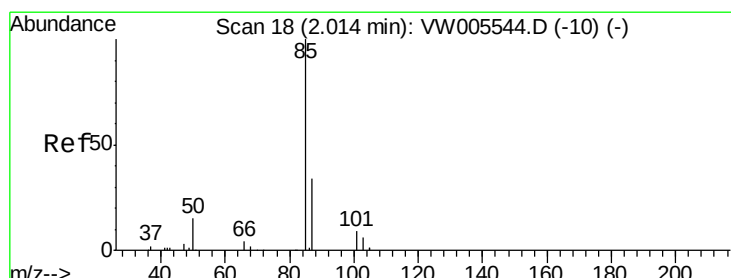
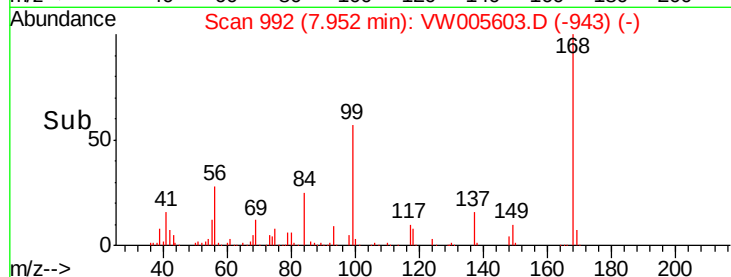
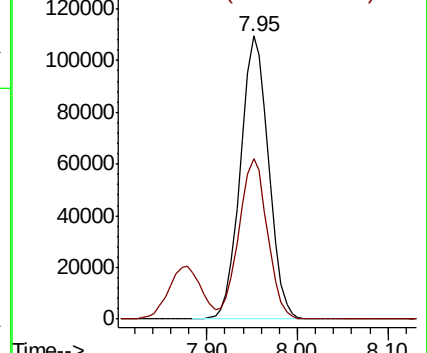
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 21.556 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW005603.D

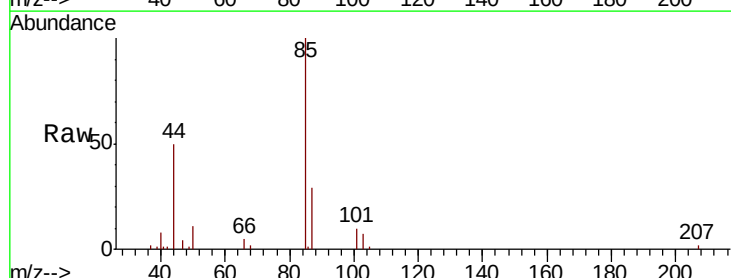
Acq: 25 Sep 2018 11:52

Tgt Ion: 85 Resp: 33087

Ion Ratio Lower Upper

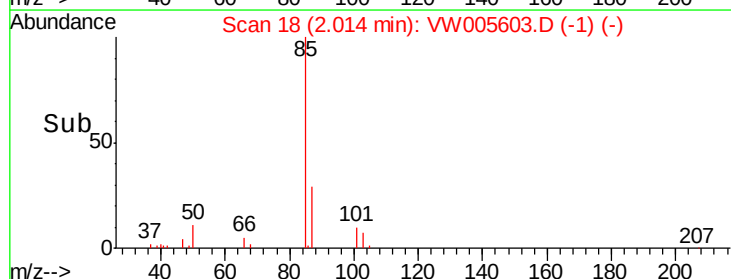
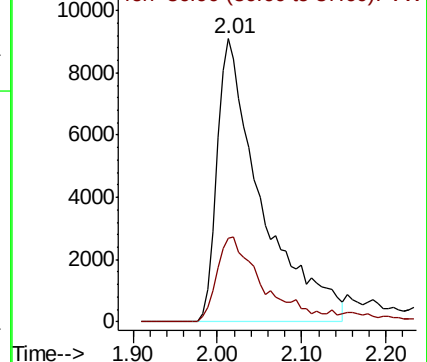
85 100

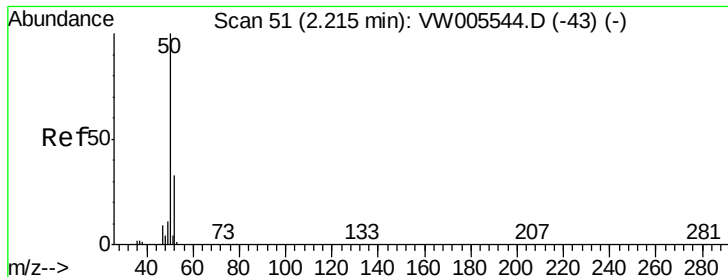
87 29.4 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 17.732 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW005603.D

Acq: 25 Sep 2018 11:52

Instrument :

MSVOA_W

ClientSampleId :

VW0925SBS01

Tot Ion: 50 Resp: 33497

Ion Ratio Lower Upper

50 100

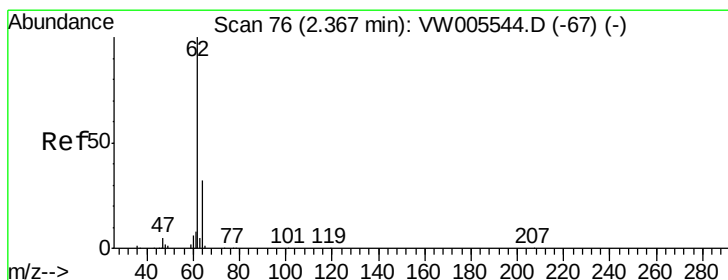
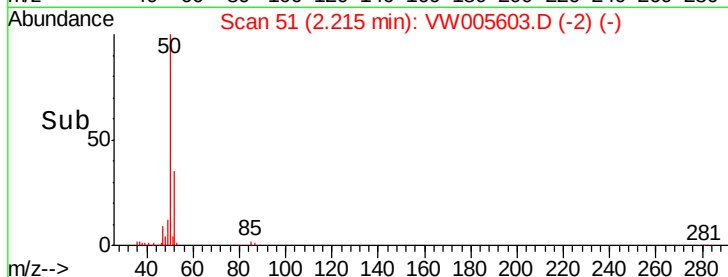
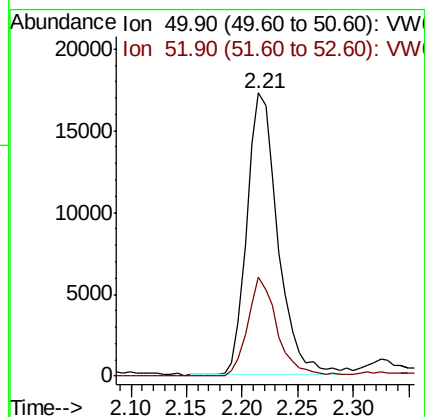
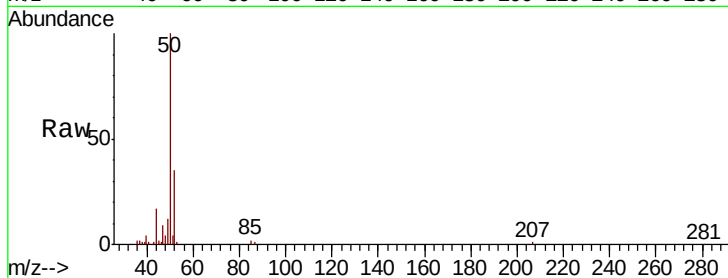
52 35.0 26.2 39.4

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#4

Vinyl Chloride

Concen: 21.160 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW005603.D

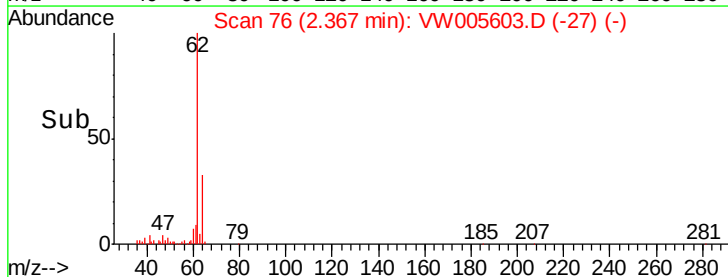
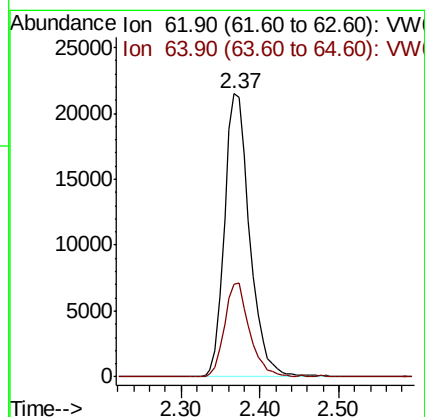
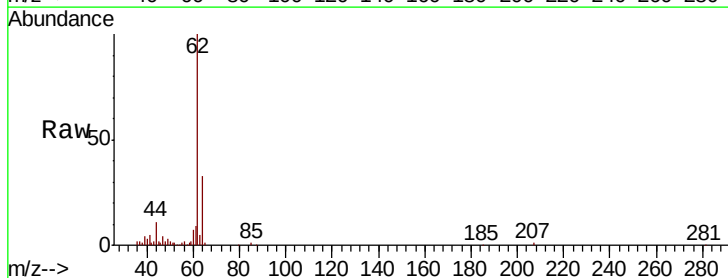
Acq: 25 Sep 2018 11:52

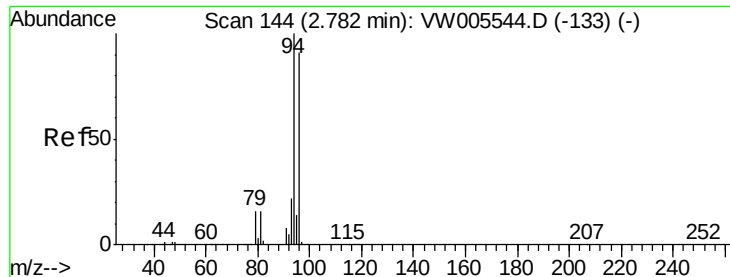
Tgt Ion: 62 Resp: 47780

Ion Ratio Lower Upper

62 100

64 32.7 25.7 38.5





#5

Bromomethane

Concen: 19.645 ug/l

RT: 2.79 min Scan# 145

Delta R.T. 0.01 min

Lab File: VW005603.D

Acq: 25 Sep 2018 11:52

Instrument :

MSVOA_W

ClientSampleId :

VW0925SBS01

Tot Ion: 94 Resp: 29978

Ion Ratio Lower Upper

94 100

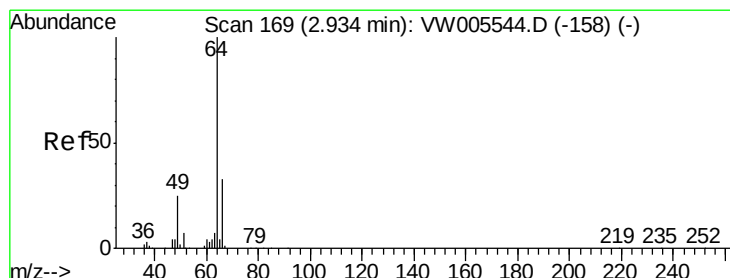
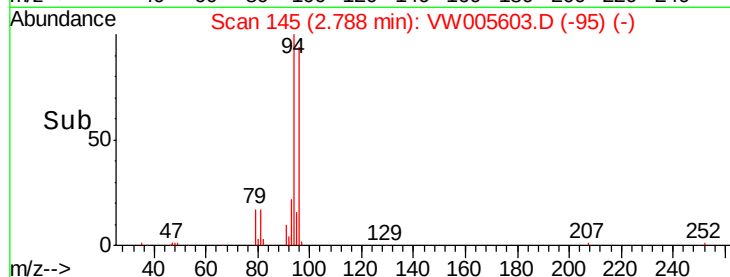
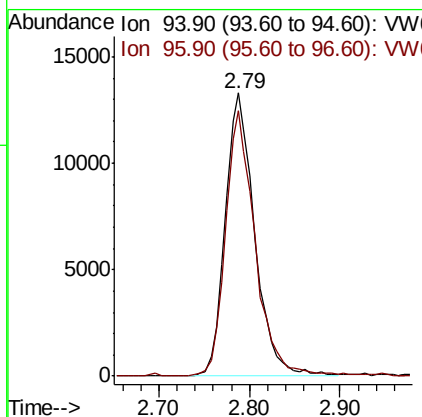
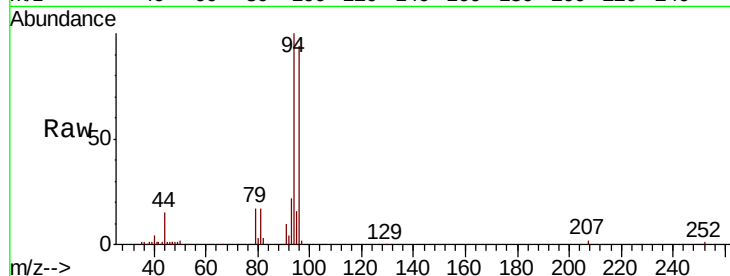
96 94.0 73.1 109.7

Manual Integrations

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9/26/2018 12:25:52 PM



#6

Chloroethane

Concen: 19.935 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW005603.D

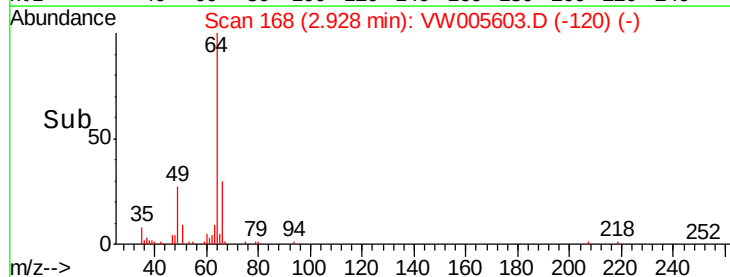
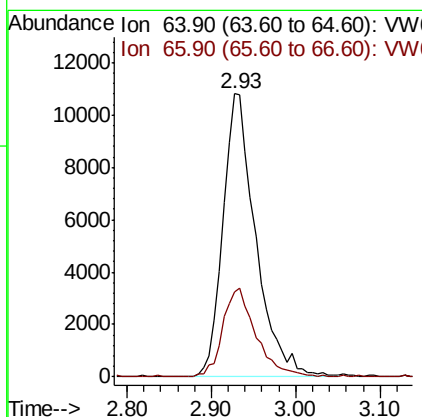
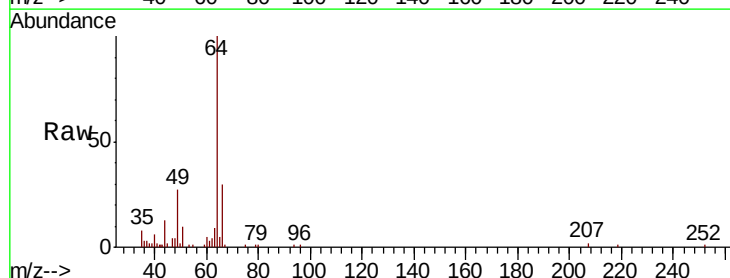
Acq: 25 Sep 2018 11:52

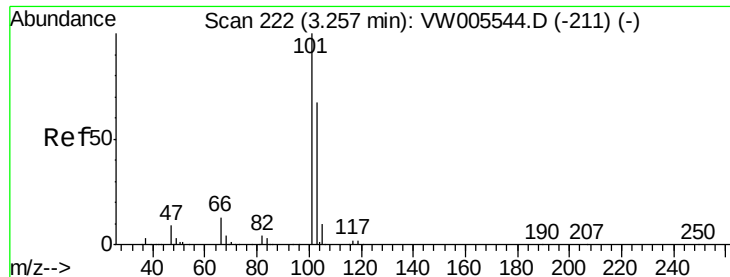
Tgt Ion: 64 Resp: 28884

Ion Ratio Lower Upper

64 100

66 30.2 26.0 39.0





#7

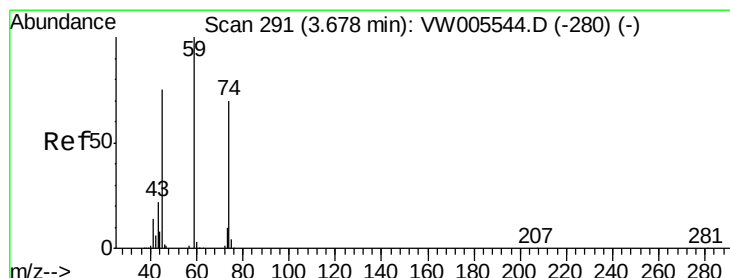
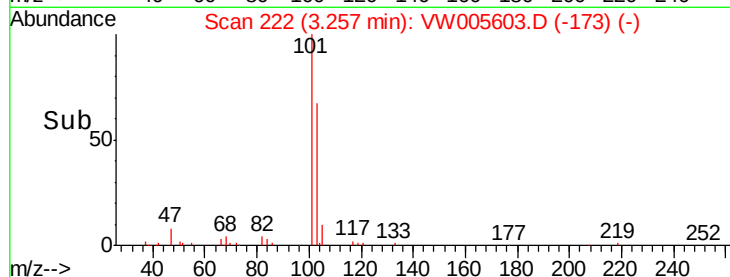
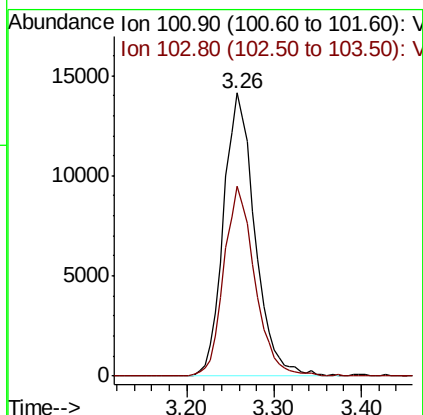
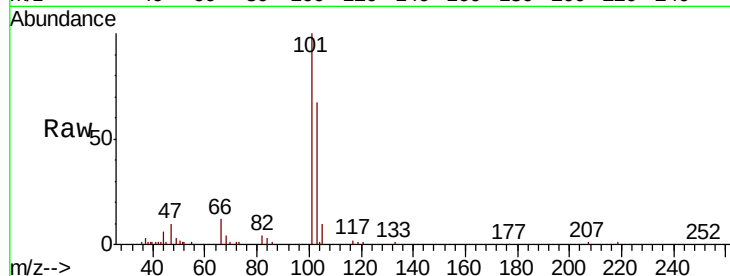
Trichlorofluoromethane
 Concen: 19.964 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW005603.D
 Acq: 25 Sep 2018 11:52

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 ClientSampleId :
 VW0925SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.9	53.2	79.8

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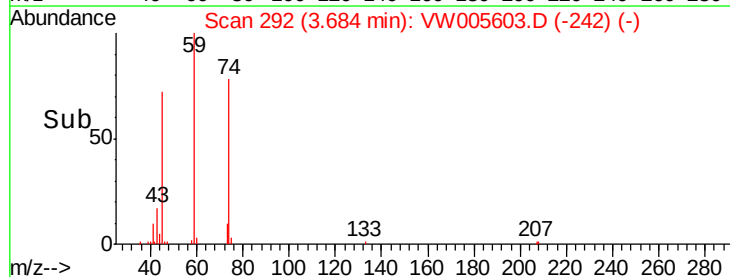
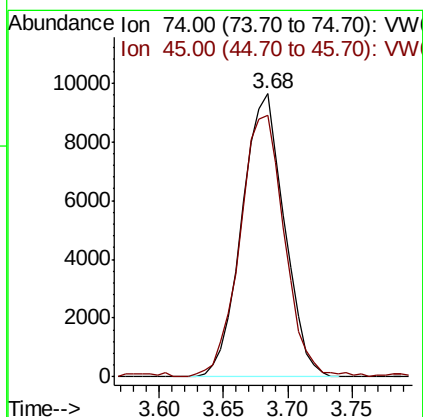
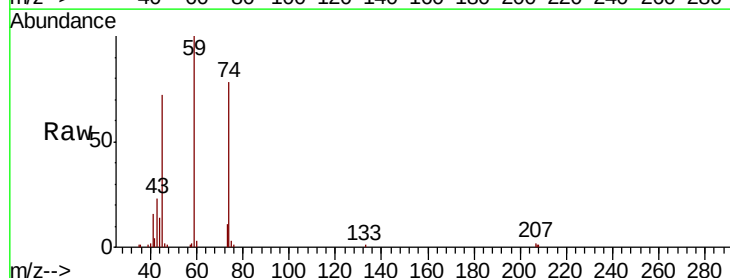
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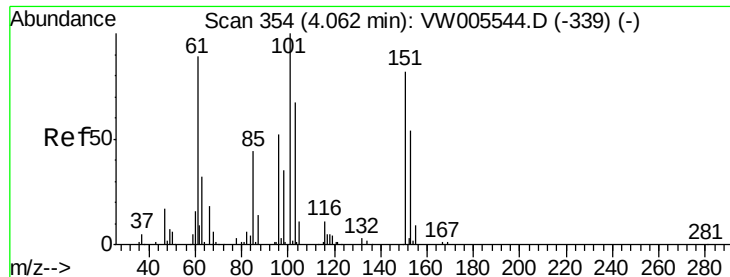


#8

Diethyl Ether
 Concen: 19.013 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.01 min
 Lab File: VW005603.D
 Acq: 25 Sep 2018 11:52

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.3	51.7	155.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.915 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW005603.D

Acq: 25 Sep 2018 11:52

Instrument :

MSVOA_W

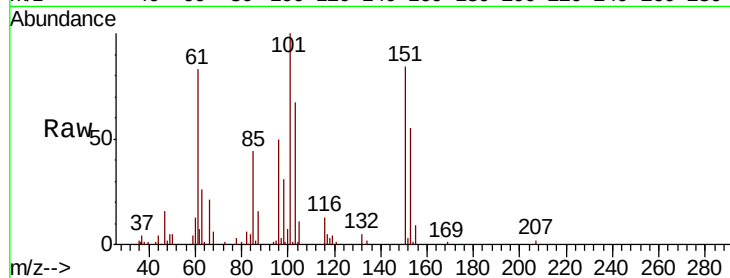
ClientSampleId :

VW0925SBS01

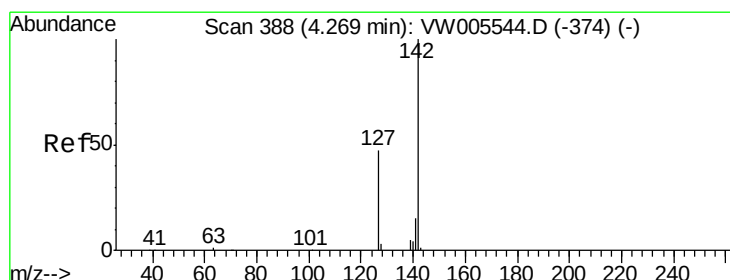
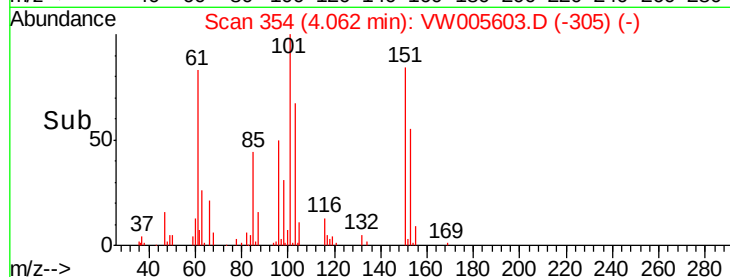
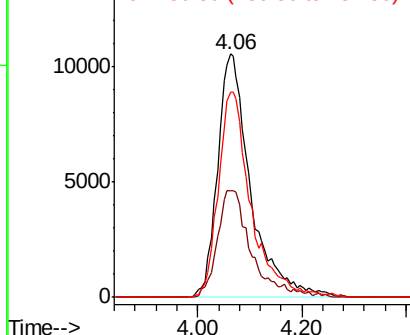
Tot Ion:	101	Resp:	46756
Ion Ratio	Lower	Upper	
101	100		
85	43.5	36.4	54.6
151	83.4	65.8	98.6

Manual Integrations
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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.059 ug/l

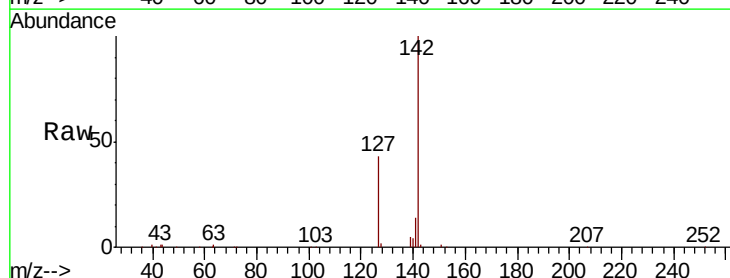
RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

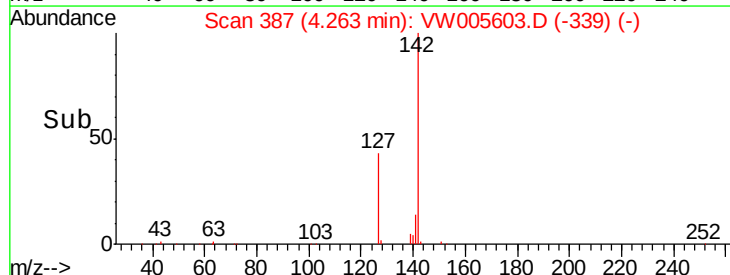
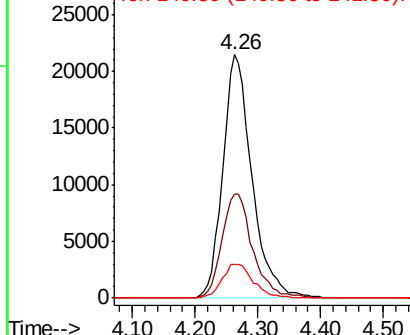
Lab File: VW005603.D

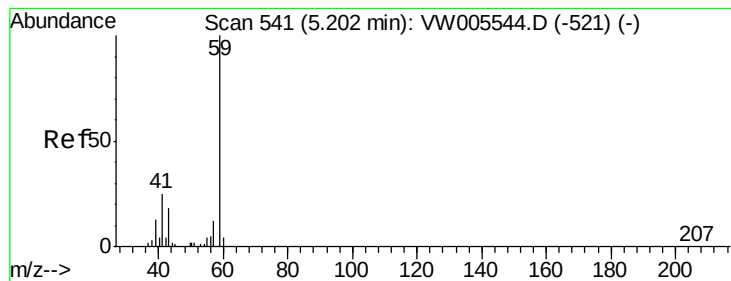
Acq: 25 Sep 2018 11:52

Tgt Ion:	142	Resp:	68962
Ion Ratio	Lower	Upper	
142	100		
127	45.2	37.4	56.0
141	15.0	11.9	17.9



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

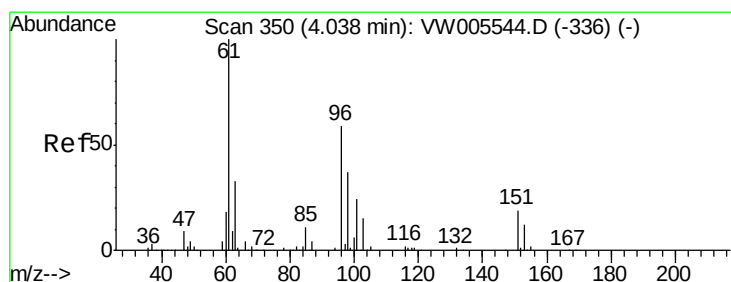
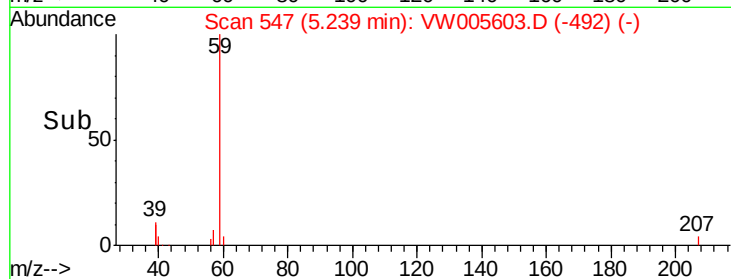
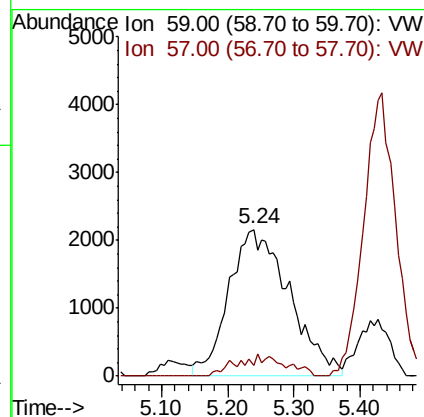
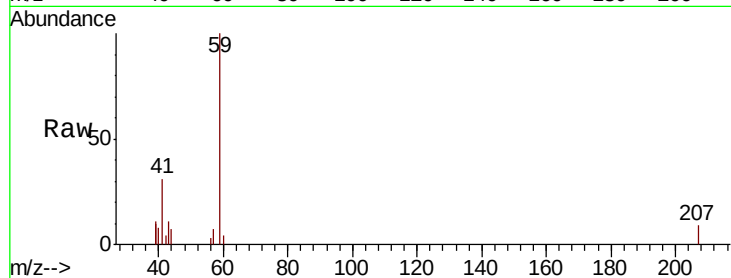
Tert butyl alcohol
 Concen: 94.404 ug/l
 RT: 5.24 min Scan# 547
 Delta R.T. 0.04 min
 Lab File: VW005603.D
 Acq: 25 Sep 2018 11:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.3	12.5#

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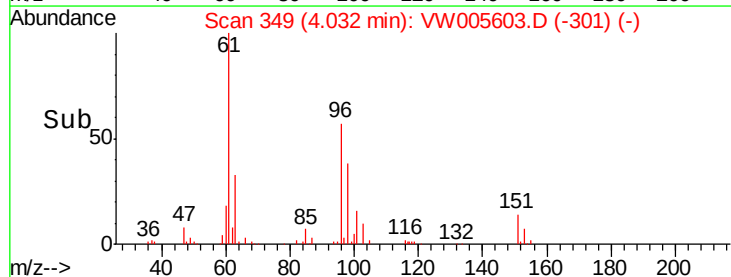
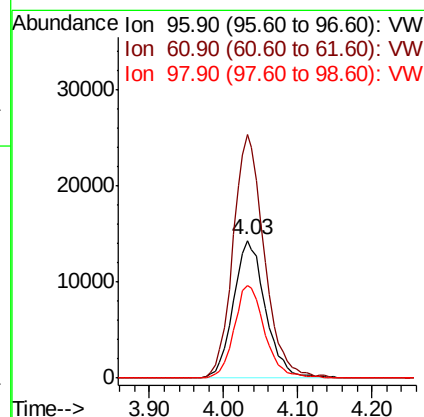
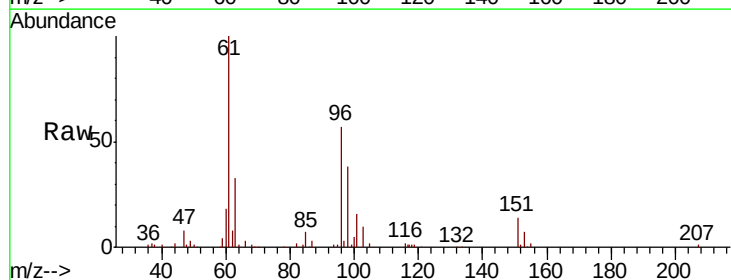
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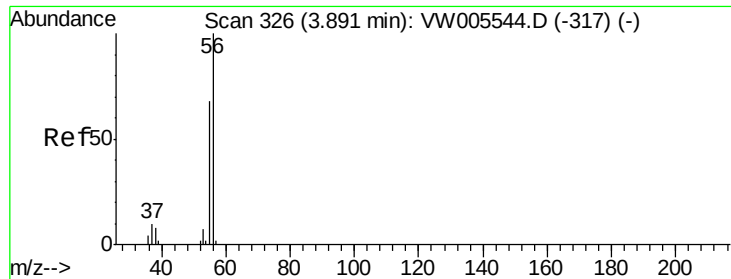


#12

1,1-Dichloroethene
 Concen: 20.195 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW005603.D
 Acq: 25 Sep 2018 11:52

Tgt Ion	Ratio	Lower	Upper
96	100		
61	176.5	135.0	202.6
98	67.4	50.6	76.0





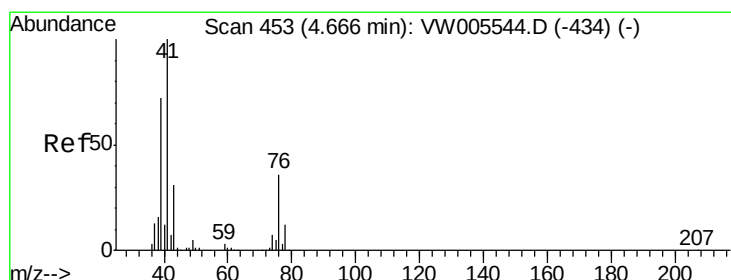
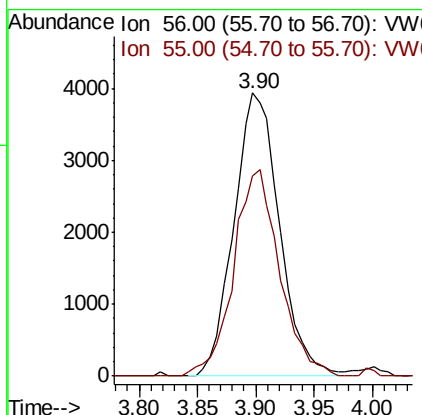
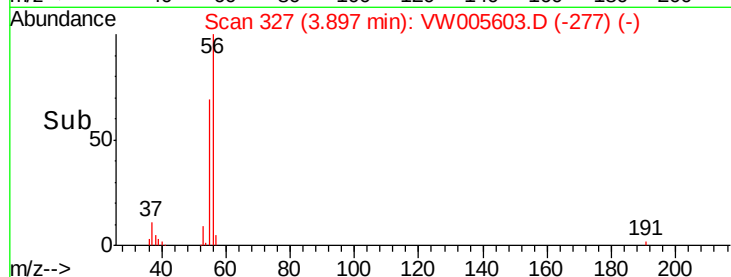
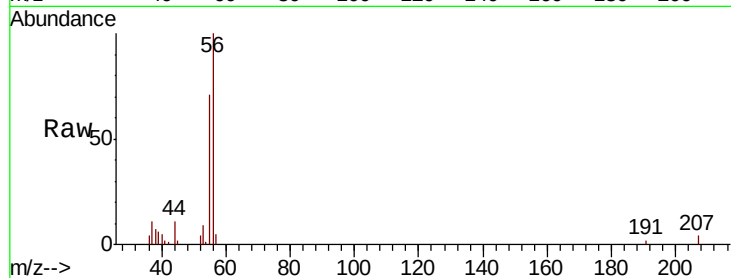
#13
Acrolein
Concen: 100.339 ug/l
RT: 3.90 min Scan# 327
Delta R.T. 0.01 min
Lab File: VW005603.D
Acq: 25 Sep 2018 11:52

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
55	73.3	57.8	86.8

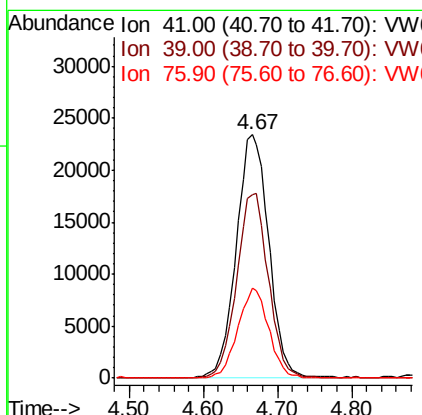
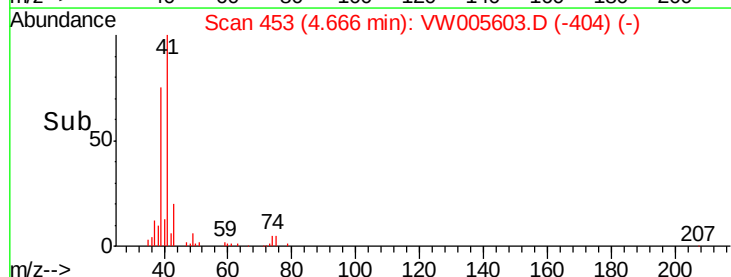
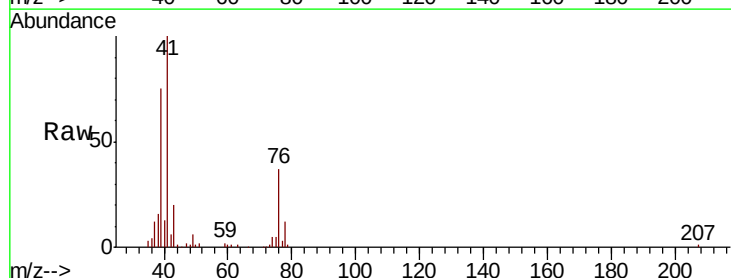
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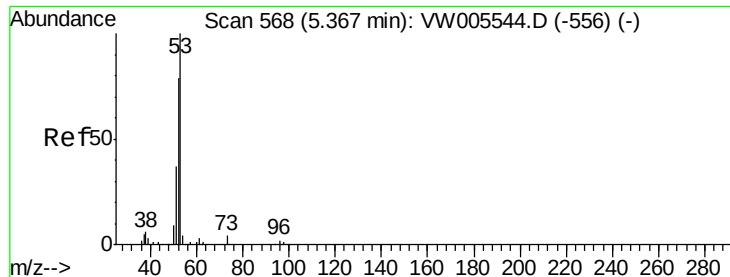
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#14
Allyl chloride
Concen: 19.258 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW005603.D
Acq: 25 Sep 2018 11:52

Tgt Ion	Ratio	Lower	Upper
41	100		
39	74.0	59.6	89.4
76	35.0	27.7	41.5





#15

Acrylonitrile

Concen: 86.153 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.01 min

Lab File: VW005603.D

Acq: 25 Sep 2018 11:52

Instrument :

MSVOA_W

ClientSampleId :

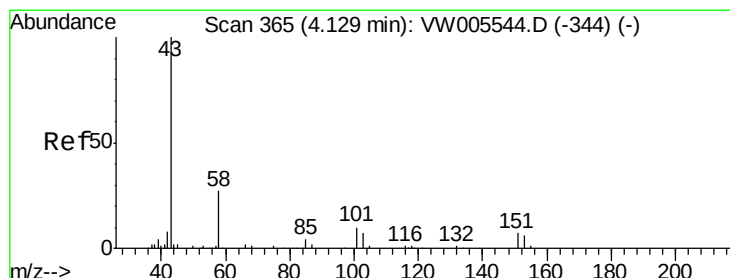
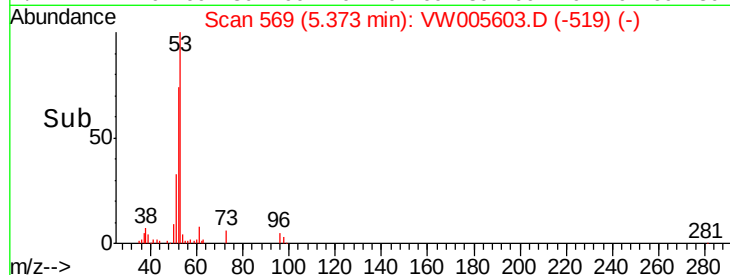
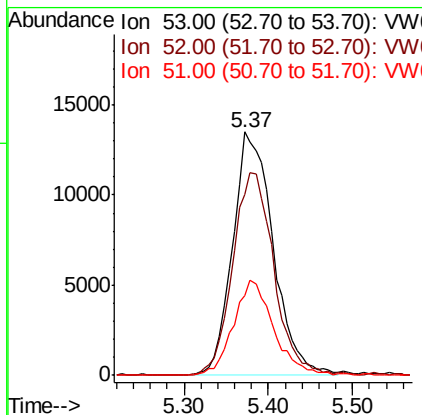
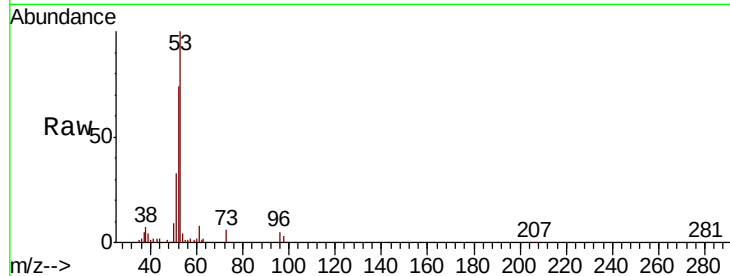
VW0925SBS01

Tot Ion:	53	Resp:	44128
Ion	Ratio	Lower	Upper
53	100		
52	84.7	66.5	99.7
51	38.3	30.6	46.0

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#16

Acetone

Concen: 105.043 ug/l

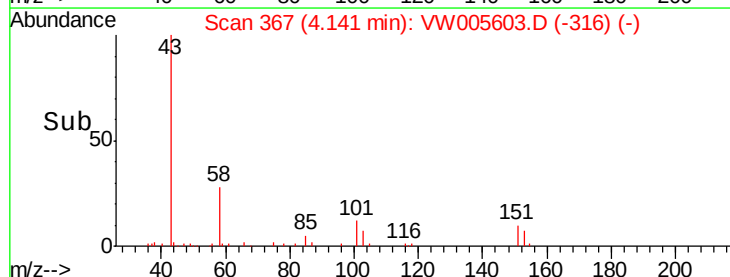
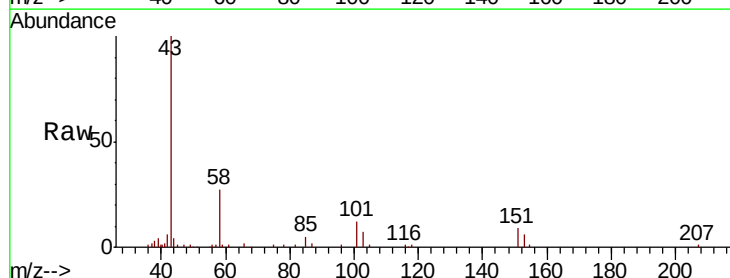
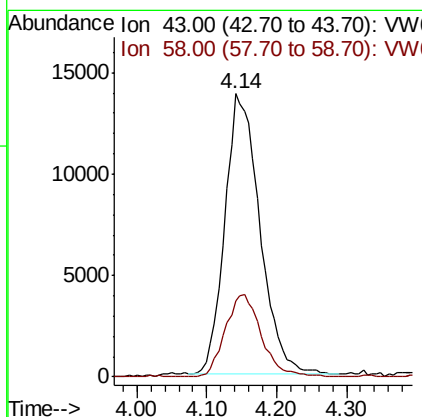
RT: 4.14 min Scan# 367

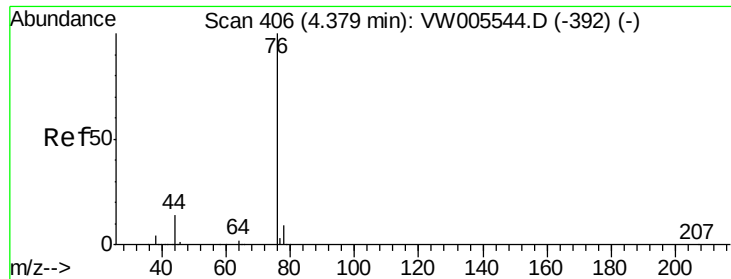
Delta R.T. 0.01 min

Lab File: VW005603.D

Acq: 25 Sep 2018 11:52

Tgt Ion:	43	Resp:	48098
Ion	Ratio	Lower	Upper
43	100		
58	27.0	21.8	32.8





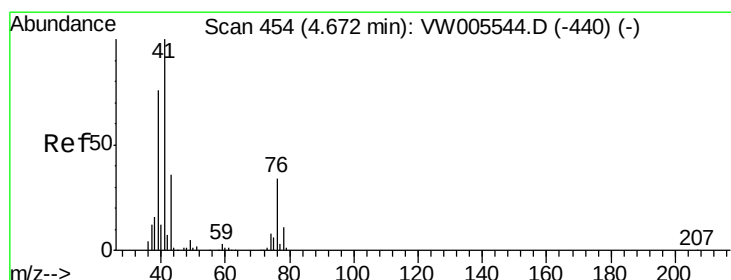
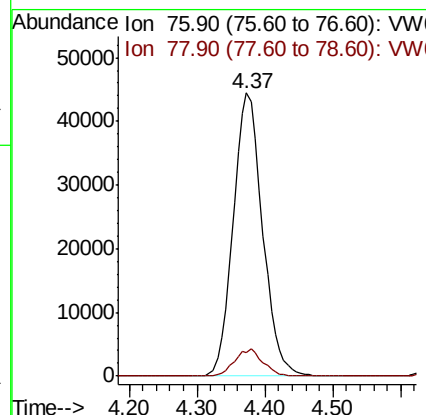
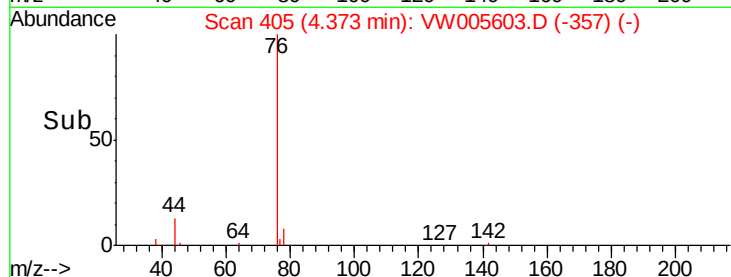
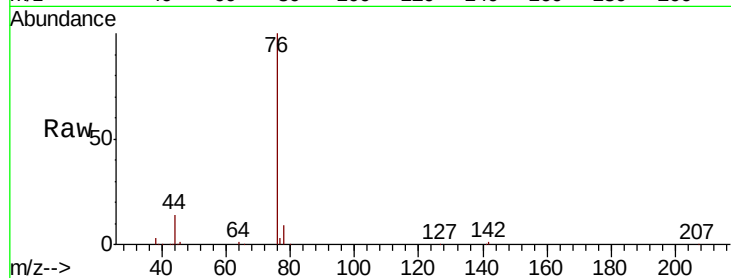
#17
Carbon Disulfide
Concen: 19.859 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW005603.D
Acq: 25 Sep 2018 11:52

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.4	11.0

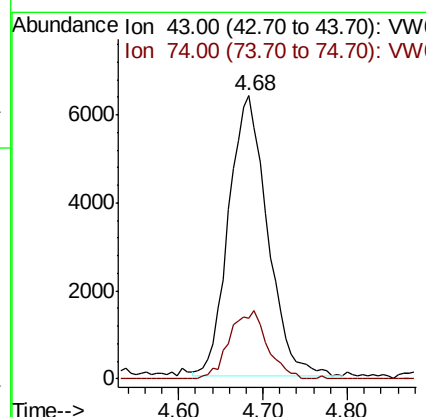
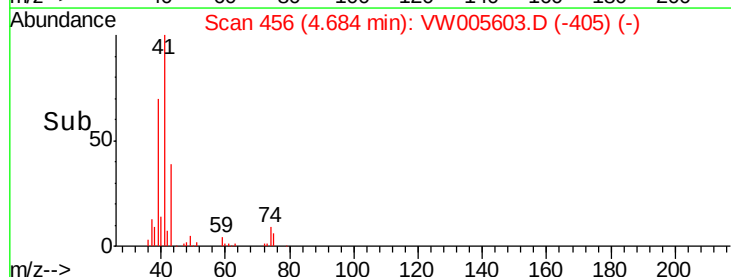
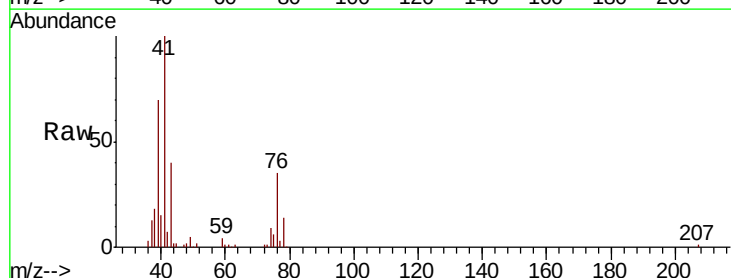
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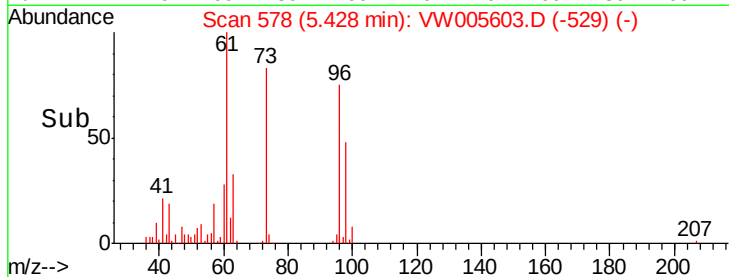
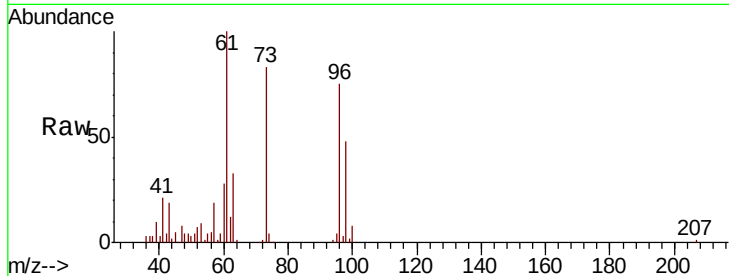
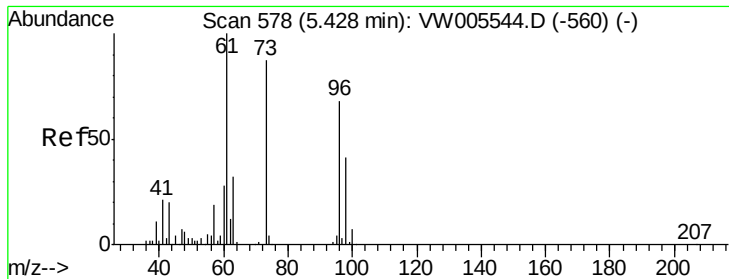
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#18
Methyl Acetate
Concen: 15.158 ug/l
RT: 4.68 min Scan# 456
Delta R.T. 0.01 min
Lab File: VW005603.D
Acq: 25 Sep 2018 11:52

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.7	19.2	28.8





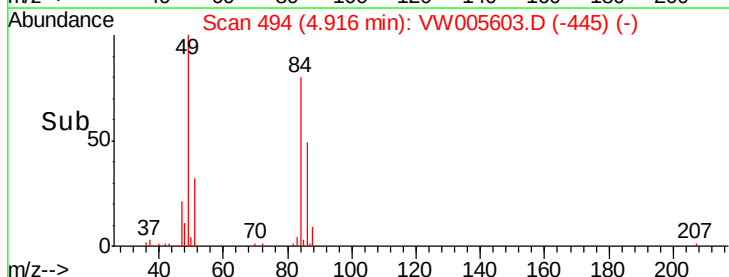
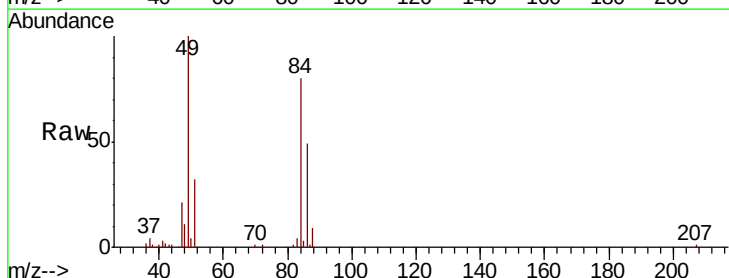
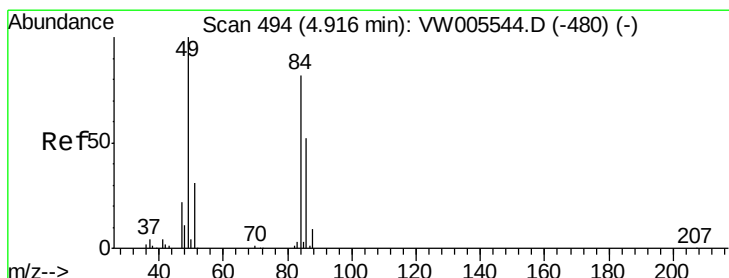
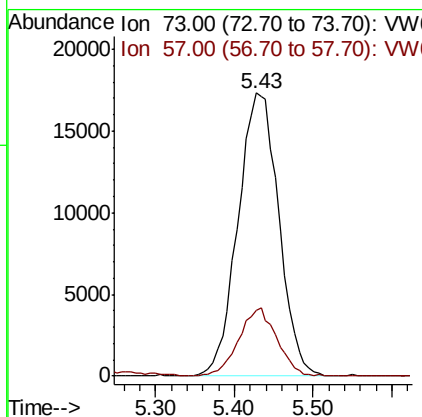
#19
Methyl tert-butyl Ether
Concen: 18.858 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW005603.D
Acq: 25 Sep 2018 11:52

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.5	17.6	26.4

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS01

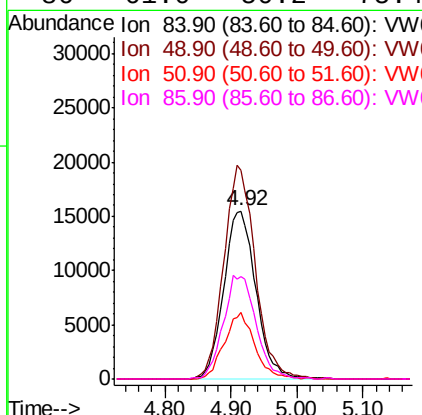
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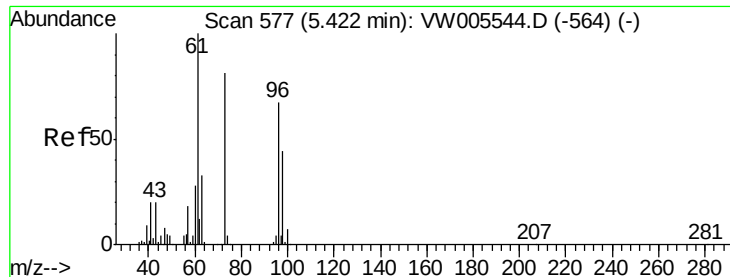
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#20
Methylene Chloride
Concen: 19.942 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW005603.D
Acq: 25 Sep 2018 11:52

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.5	97.0	145.6
51	39.6	30.2	45.2
86	61.0	50.2	75.4





#21

trans-1,2-Dichloroethene

Concen: 19.683 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.01 min

Lab File: VW005603.D

Acq: 25 Sep 2018 11:52

Instrument :

MSVOA_W

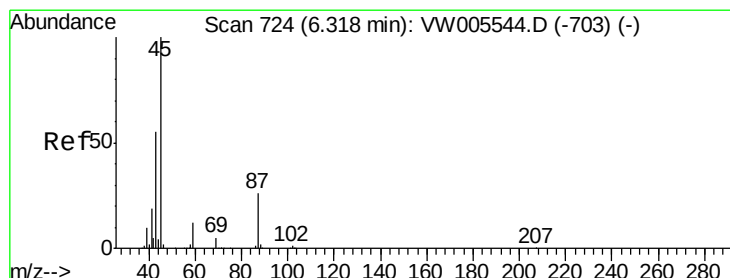
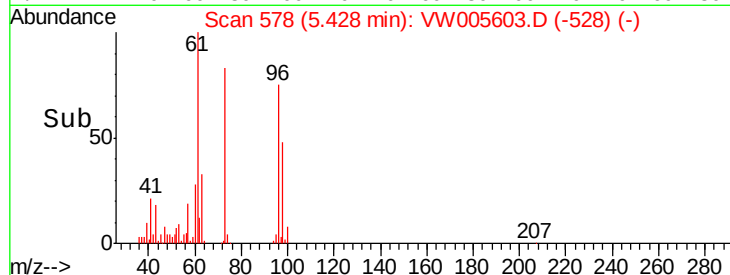
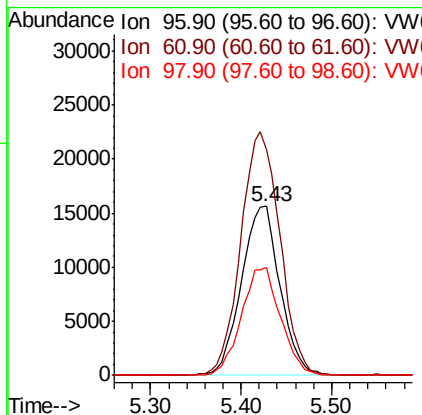
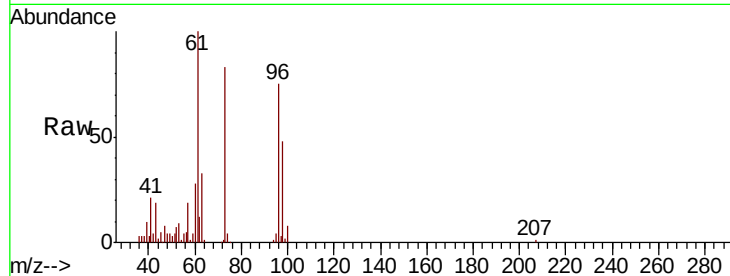
ClientSampleId :

VW0925SBS01

Tot Ion:	96	Resp:	46141
Ion	Ratio	Lower	Upper
96	100		
61	133.8	118.9	178.3
98	64.0	52.1	78.1

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#22

Diisopropyl ether

Concen: 18.848 ug/l

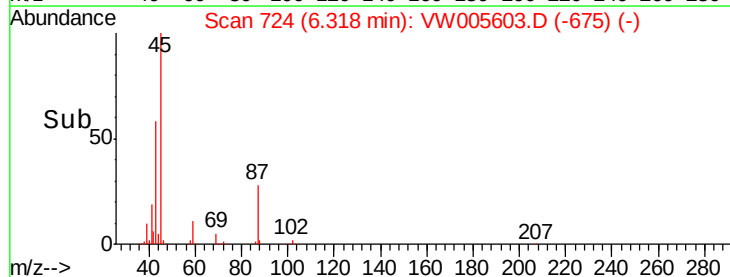
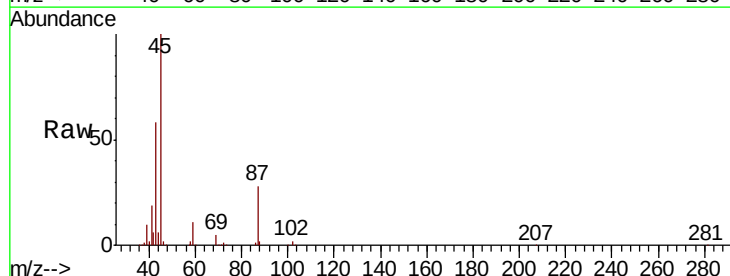
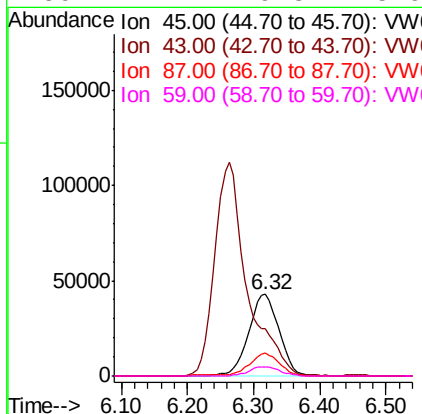
RT: 6.32 min Scan# 724

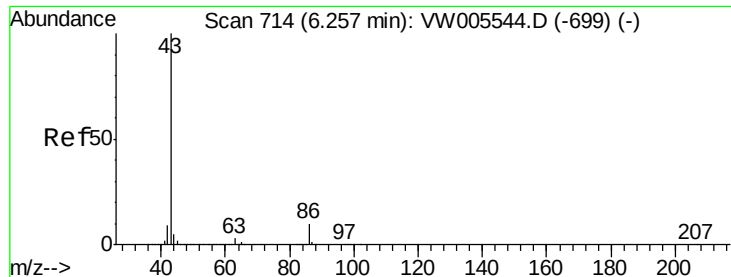
Delta R.T. -0.00 min

Lab File: VW005603.D

Acq: 25 Sep 2018 11:52

Tgt Ion:	45	Resp:	136665
Ion	Ratio	Lower	Upper
45	100		
43	57.4	44.2	66.4
87	28.3	21.4	32.2
59	11.2	9.3	13.9





#23

Vinyl Acetate

Concen: 91.918 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.01 min

Lab File: VW005603.D

Acq: 25 Sep 2018 11:52

Instrument :

MSVOA_W

ClientSampleId :

VW0925SBS01

Tot Ion: 43 Resp: 380938

Ion Ratio Lower Upper

43 100

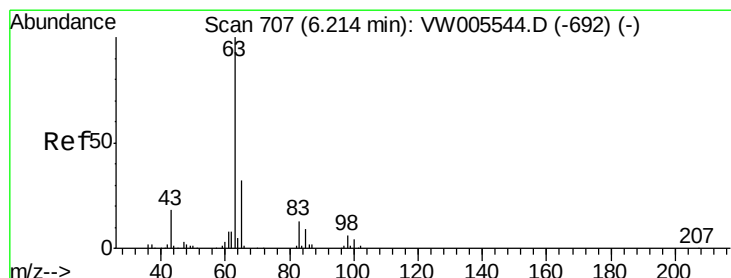
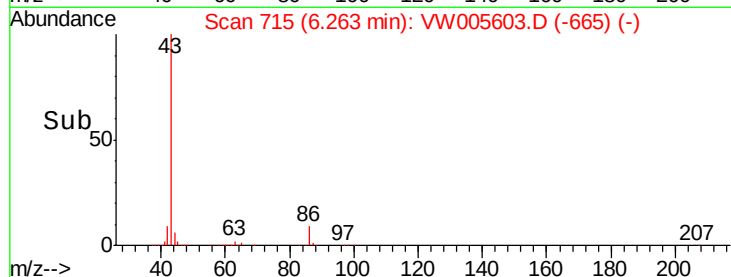
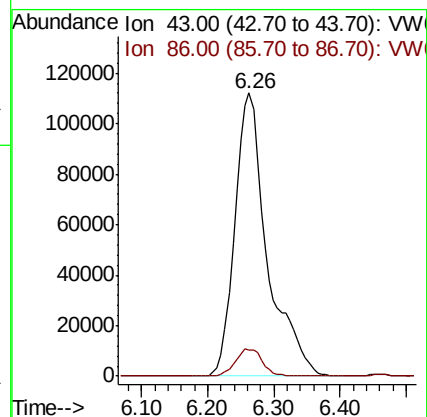
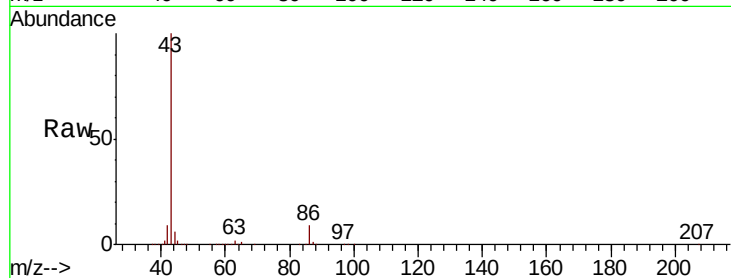
86 9.3 7.7 11.5

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#24

1,1-Dichloroethane

Concen: 19.097 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.01 min

Lab File: VW005603.D

Acq: 25 Sep 2018 11:52

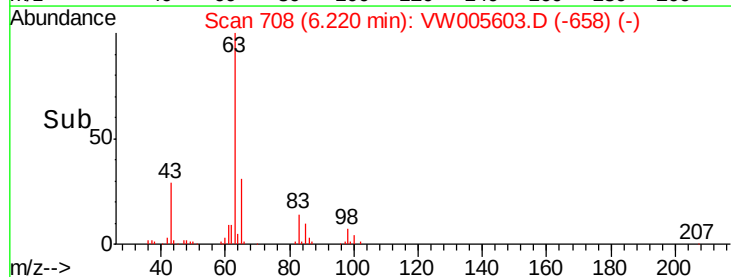
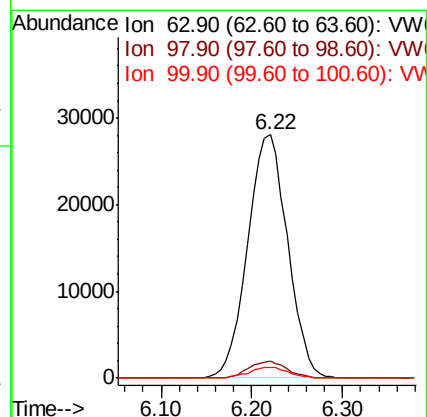
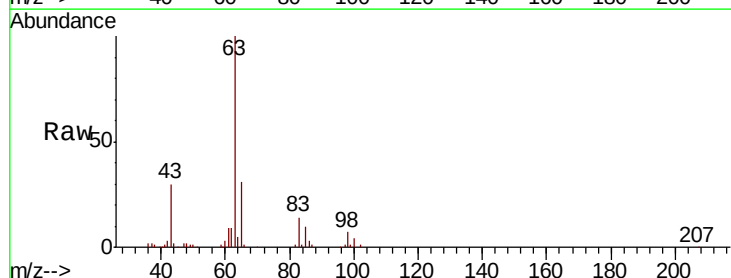
Tgt Ion: 63 Resp: 85553

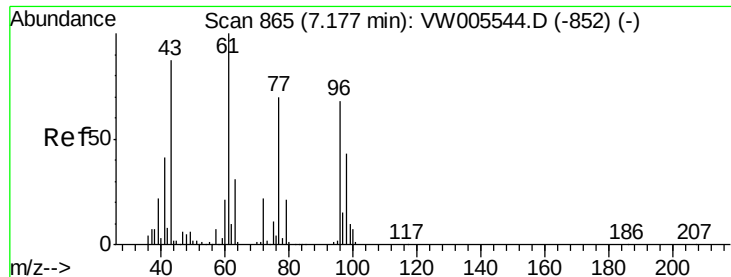
Ion Ratio Lower Upper

63 100

98 7.1 2.9 8.8

100 4.3 2.1 6.2





#25

2-Butanone

Concen: 86.855 ug/l

RT: 7.19 min Scan# 867

Delta R.T. 0.01 min

Lab File: VW005603.D

Acq: 25 Sep 2018 11:52

Instrument :

MSVOA_W

ClientSampleId :

VW0925SBS01

Tot Ion: 43 Resp: 58400

Ion Ratio Lower Upper

43 100

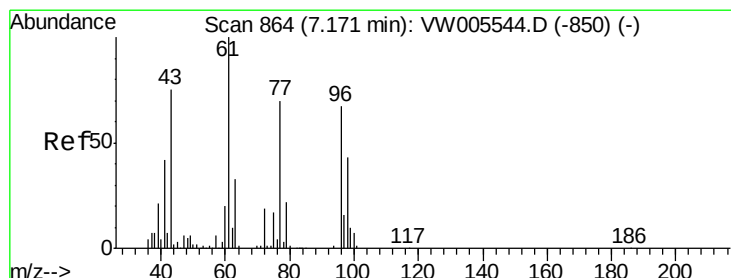
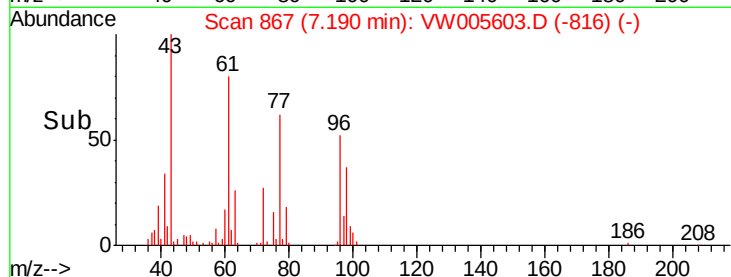
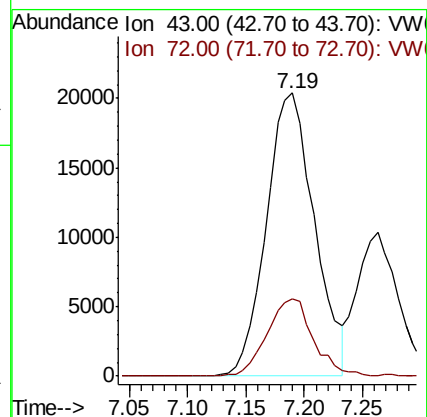
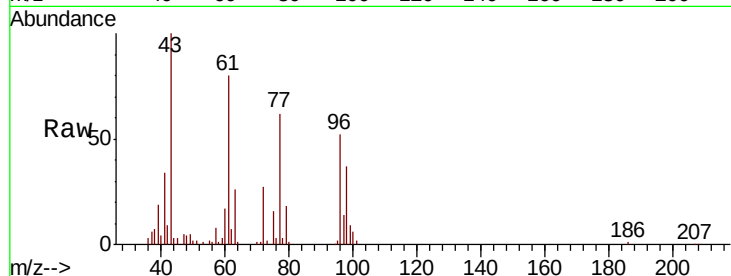
72 27.5 19.9 29.9

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#26

2,2-Dichloropropane

Concen: 20.041 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW005603.D

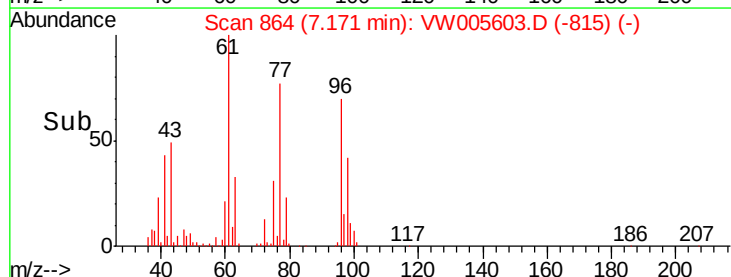
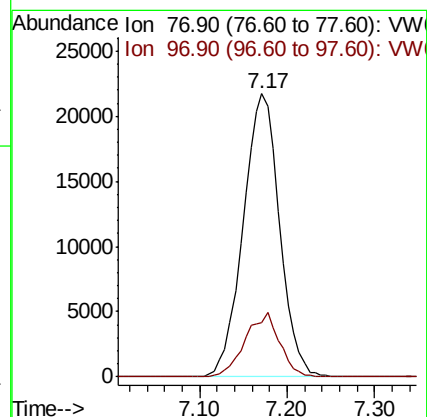
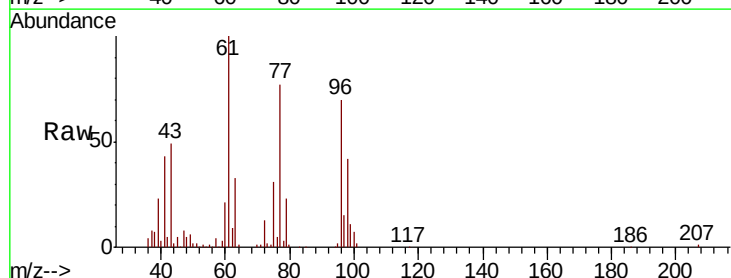
Acq: 25 Sep 2018 11:52

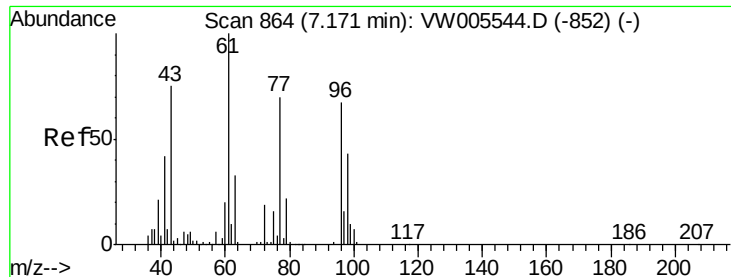
Tgt Ion: 77 Resp: 62677

Ion Ratio Lower Upper

77 100

97 21.4 11.0 33.0





#27

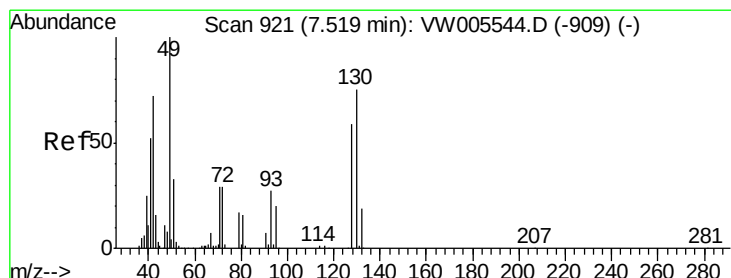
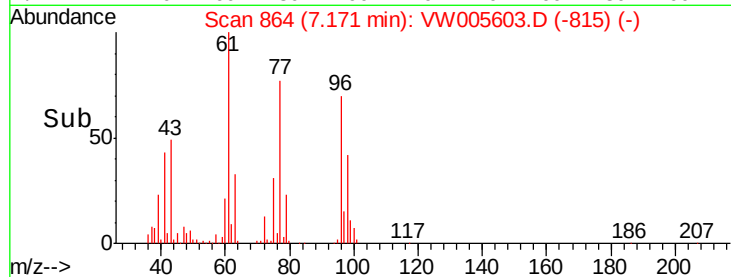
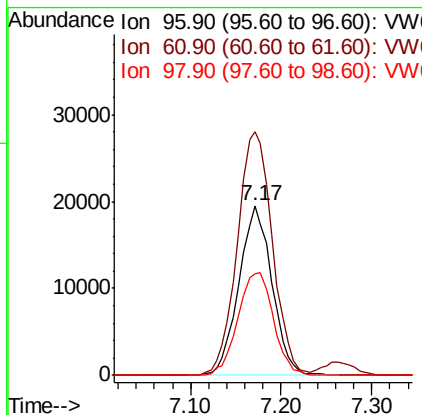
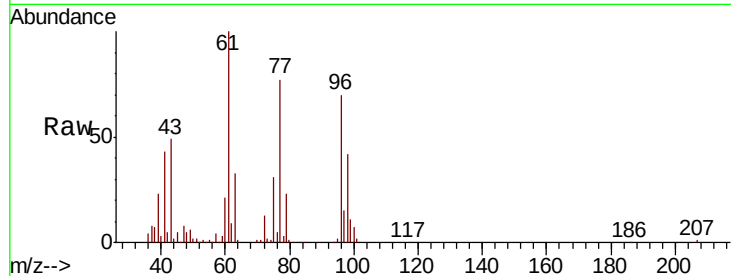
cis-1,2-Dichloroethene
Concen: 19.034 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW005603.D
Acq: 25 Sep 2018 11:52

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	49213		
61	153.0		0.0	303.4
98	65.1		0.0	127.2

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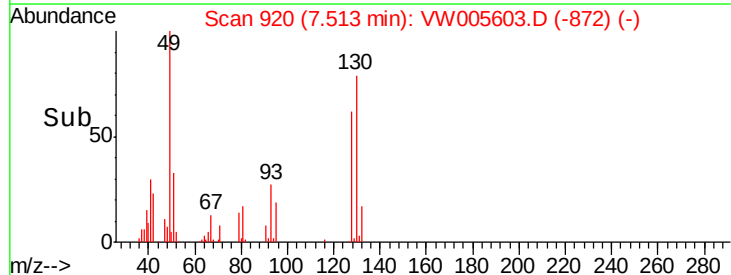
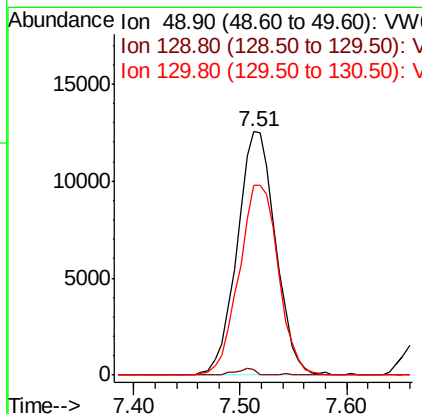
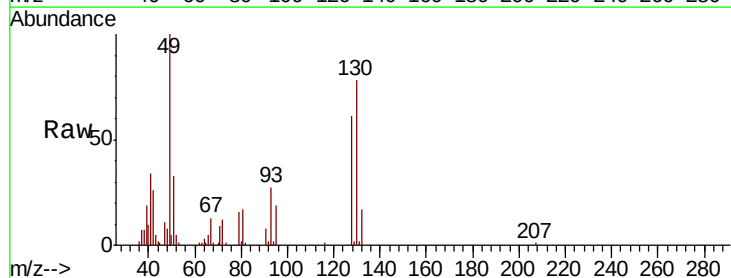
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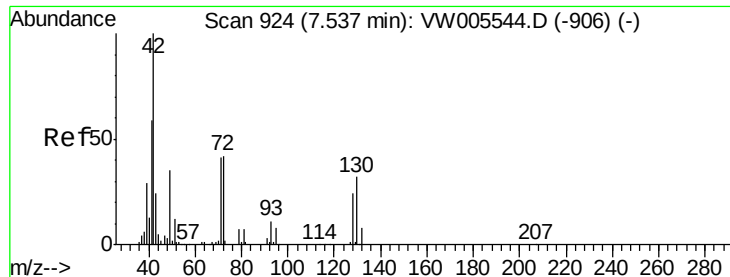


#28

Bromochloromethane
Concen: 17.923 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW005603.D
Acq: 25 Sep 2018 11:52

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	31804		
129	1.3		0.0	1.4
130	79.6		61.3	91.9





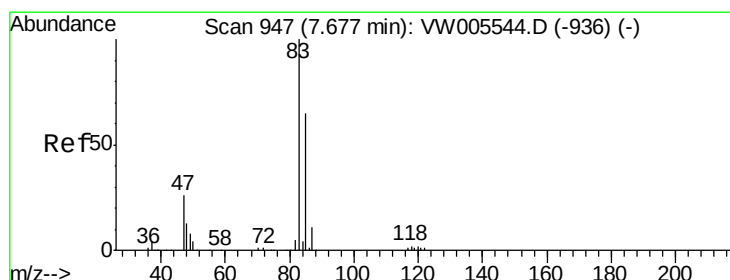
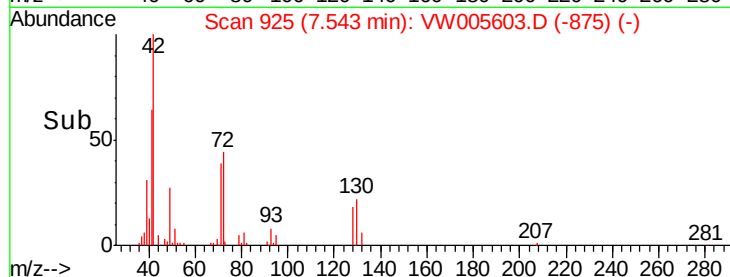
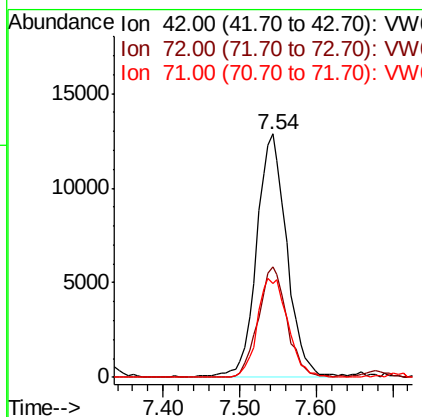
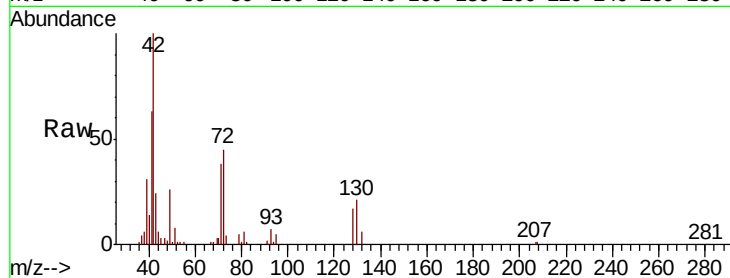
#29
Tetrahydrofuran
Concen: 84.290 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW005603.D
Acq: 25 Sep 2018 11:52

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.2	33.6	50.4
71	41.1	31.8	47.6

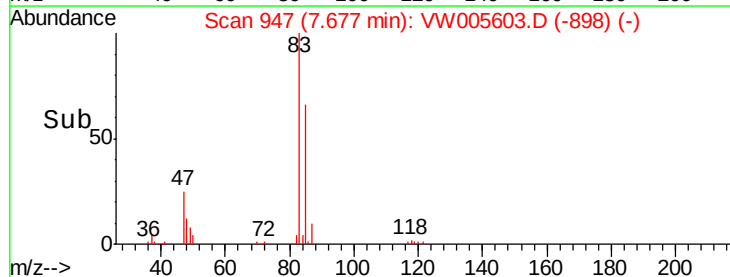
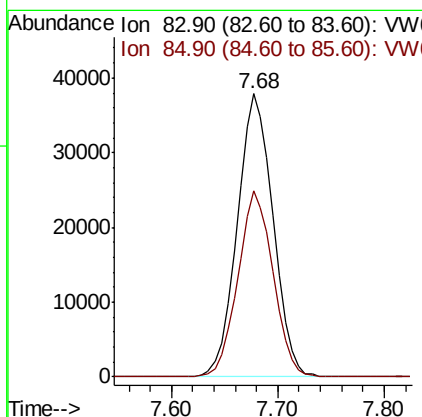
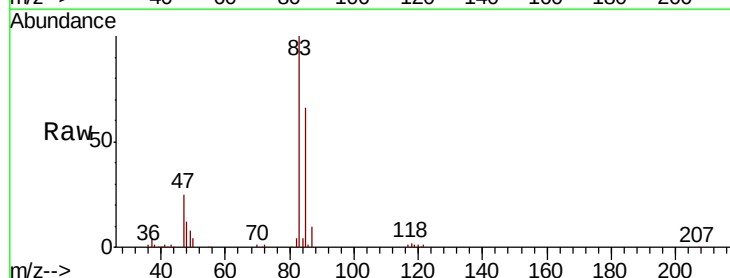
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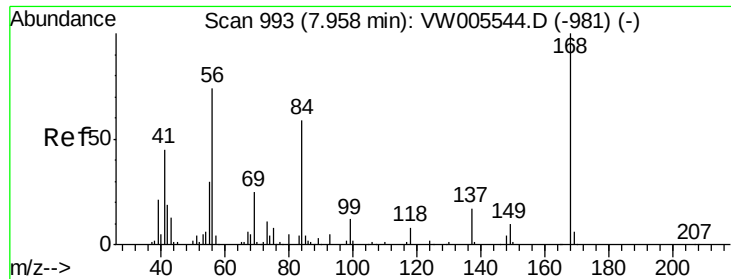
apatel
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#30
Chloroform
Concen: 19.302 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW005603.D
Acq: 25 Sep 2018 11:52

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.5	51.8	77.6





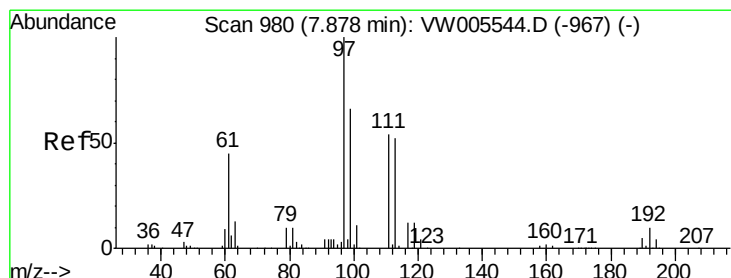
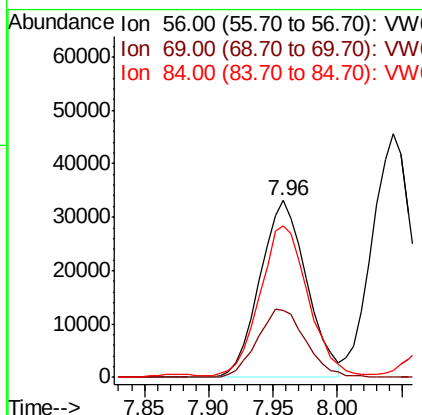
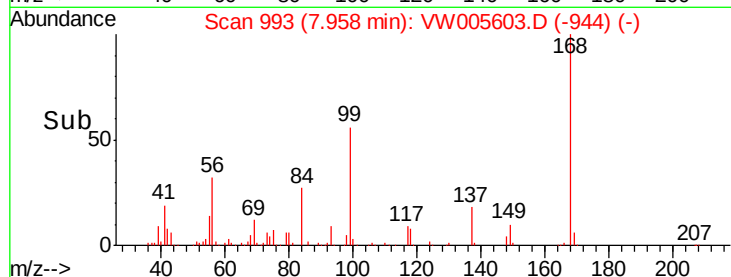
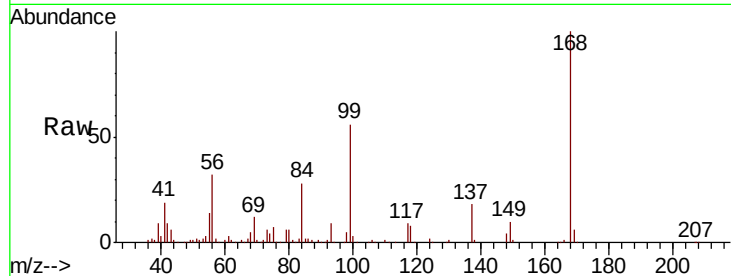
#31
Cyclohexane
Concen: 19.456 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW005603.D
Acq: 25 Sep 2018 11:52

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	37.7	27.0	40.4
84	84.3	64.2	96.4

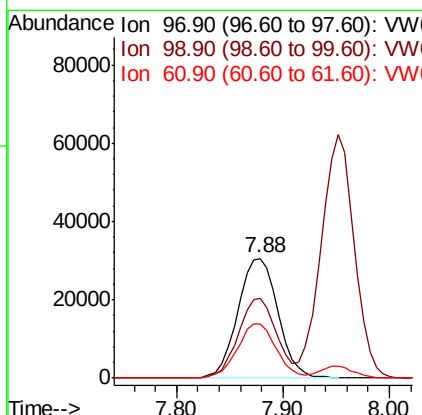
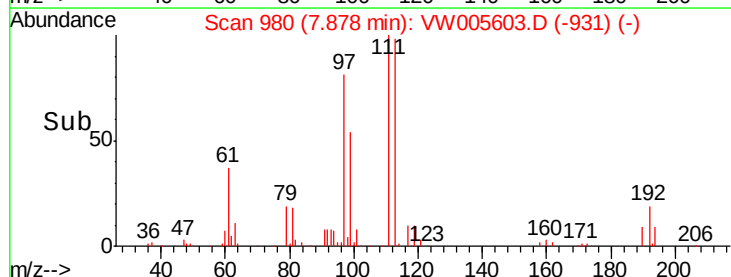
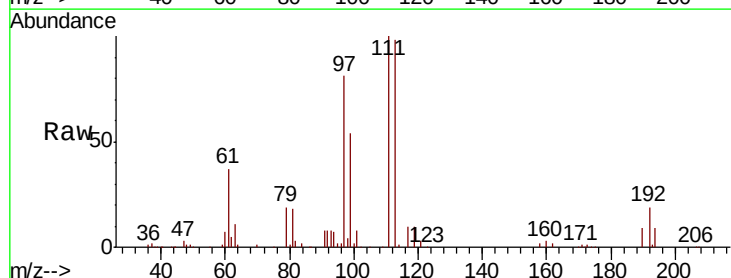
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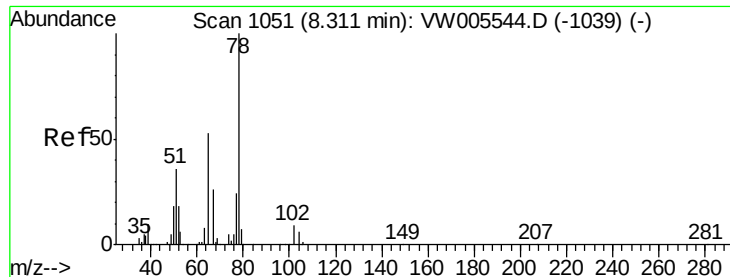
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#32
1,1,1-Trichloroethane
Concen: 19.728 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW005603.D
Acq: 25 Sep 2018 11:52

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.0	76.6
61	44.3	36.2	54.2





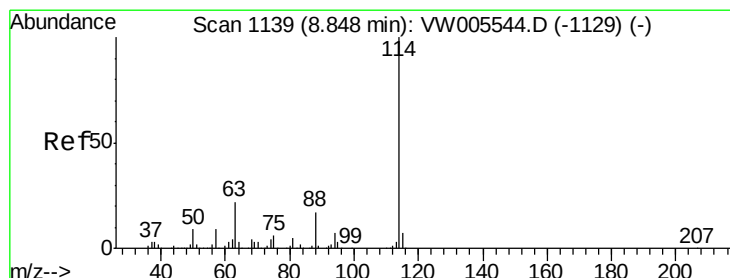
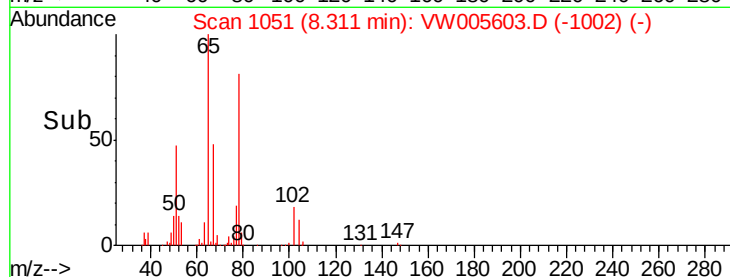
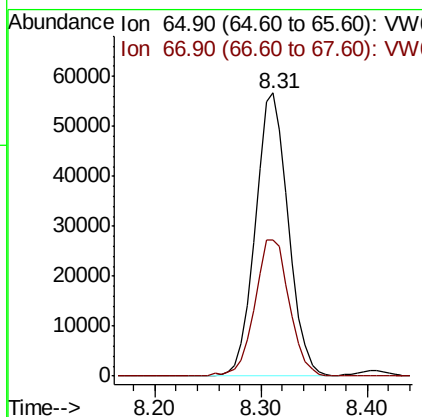
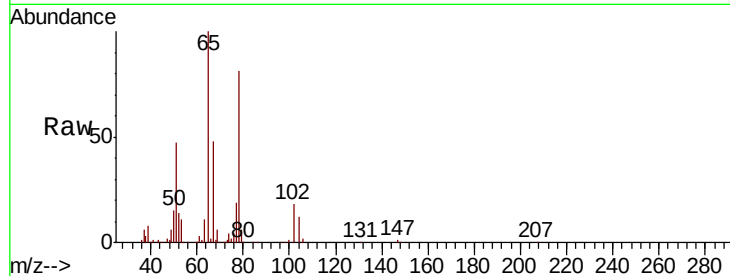
#33
 1,2-Dichloroethane-d4
 Concen: 44.211 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005603.D
 Acq: 25 Sep 2018 11:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	122394		
67	50.7	0.0	100.6	

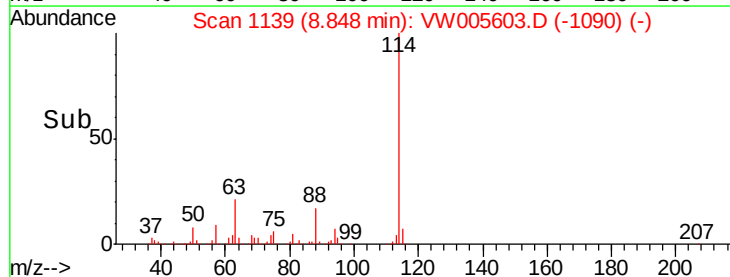
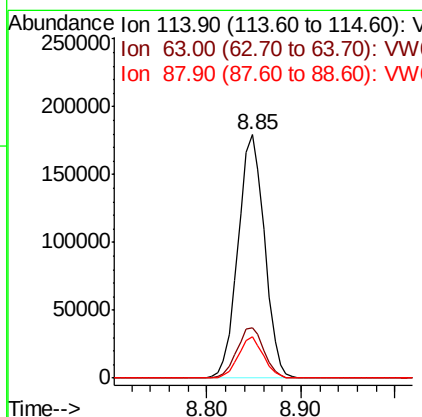
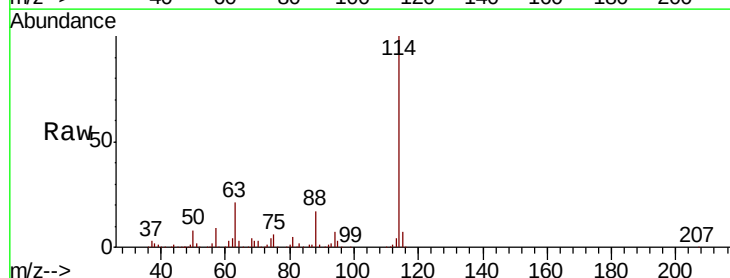
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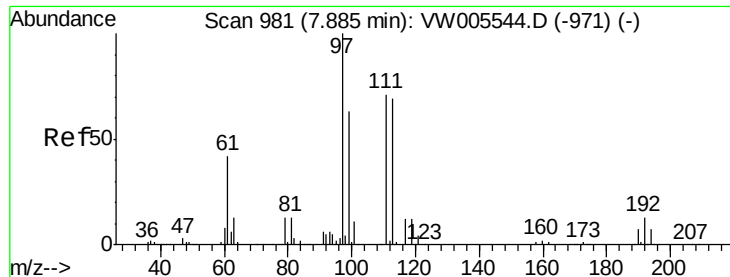
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005603.D
 Acq: 25 Sep 2018 11:52

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	349427		
63	20.8	0.0	43.0	
88	17.2	0.0	33.0	





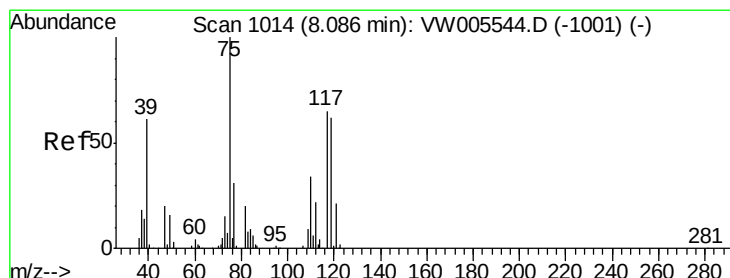
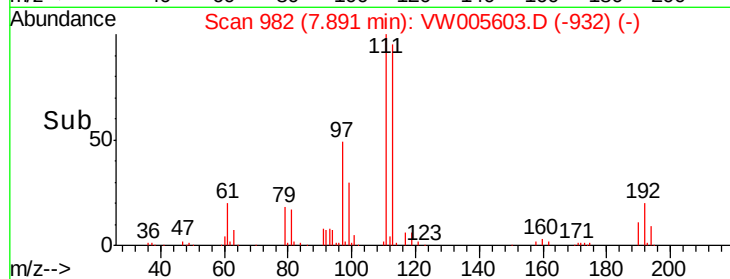
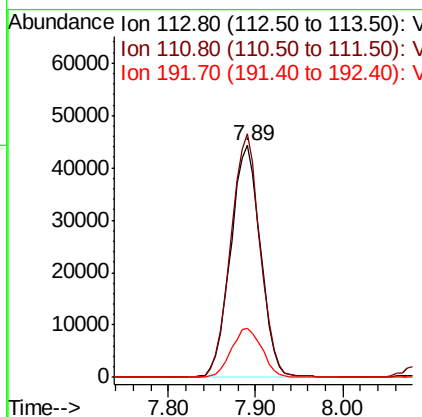
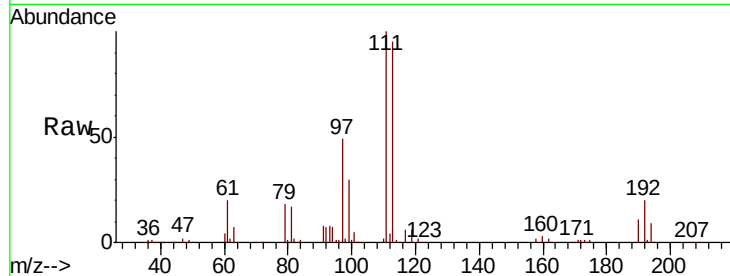
#35
 Dibromofluoromethane
 Concen: 47.873 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW005603.D
 Acq: 25 Sep 2018 11:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	105196		
111	103.2	82.6	123.8	
192	21.7	17.0	25.4	

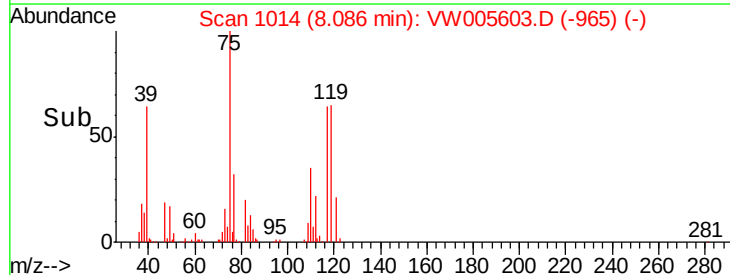
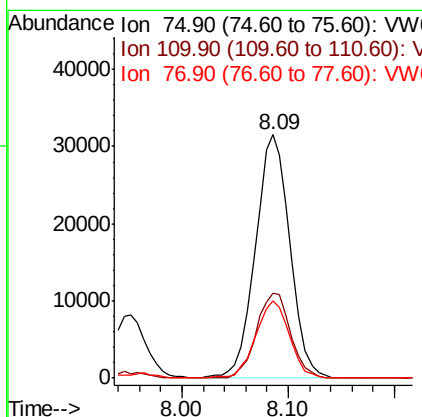
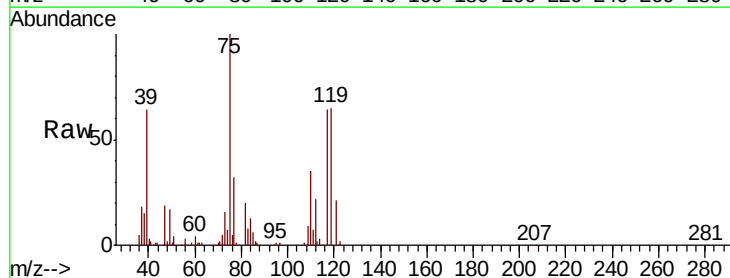
Manual Integrations
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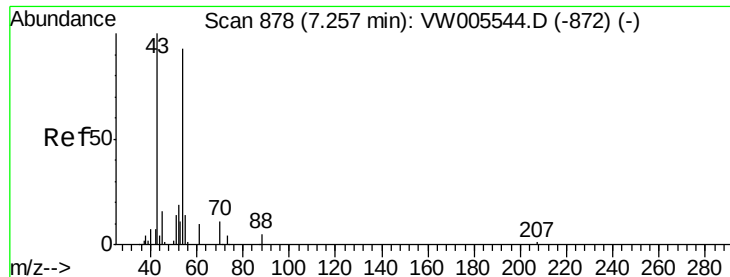
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#36
 1,1-Dichloropropene
 Concen: 20.342 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW005603.D
 Acq: 25 Sep 2018 11:52

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	71552		
110	34.7	17.0	50.9	
77	31.1	24.8	37.2	





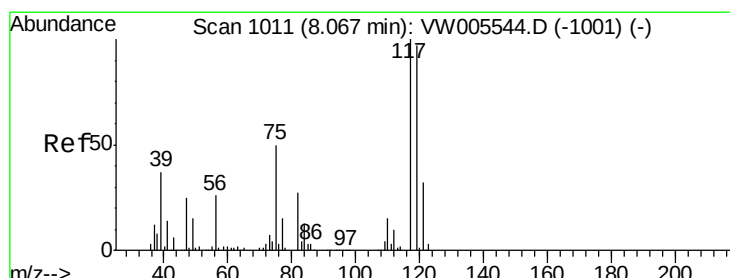
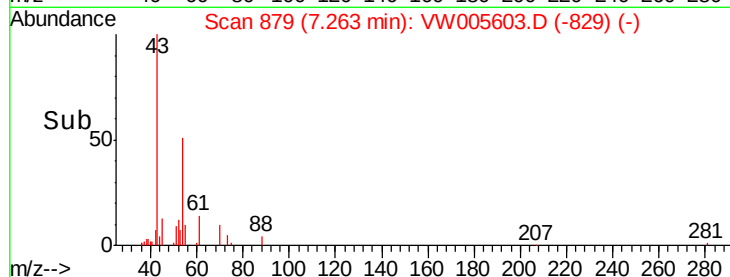
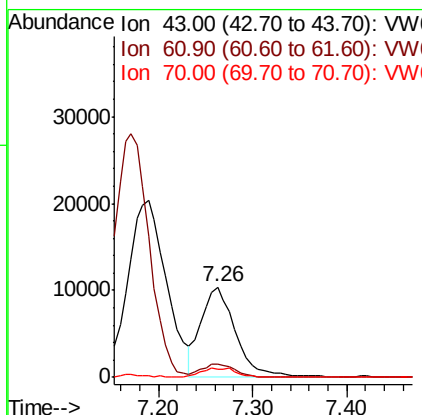
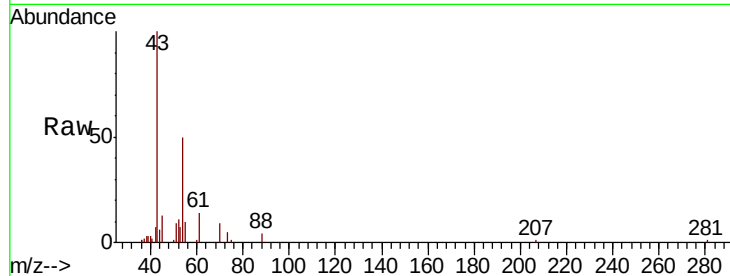
#37
Ethyl Acetate
Concen: 17.941 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: VW005603.D
Acq: 25 Sep 2018 11:52

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS01

Tot Ion:	43	Resp:	26558
Ion	Ratio	Lower	Upper
43	100		
61	14.3	10.4	15.6
70	10.7	8.2	12.2

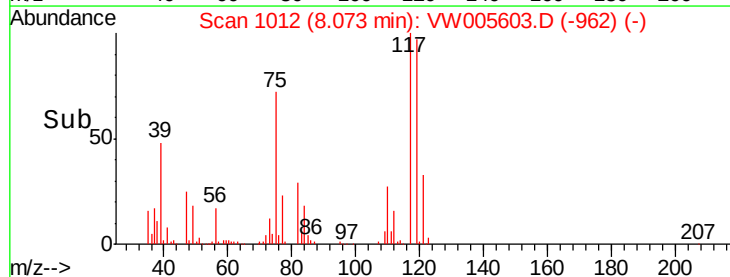
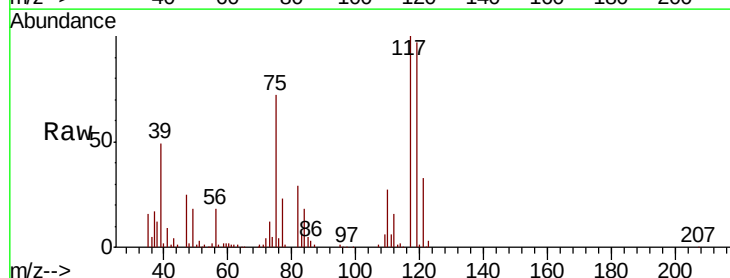
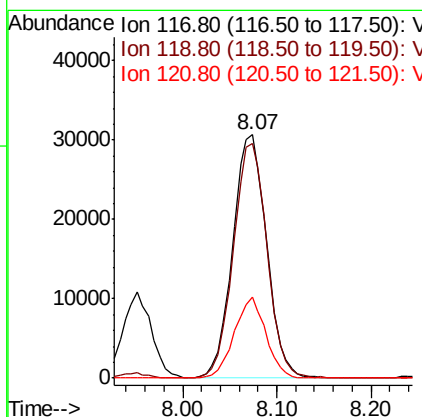
Manual Integrations
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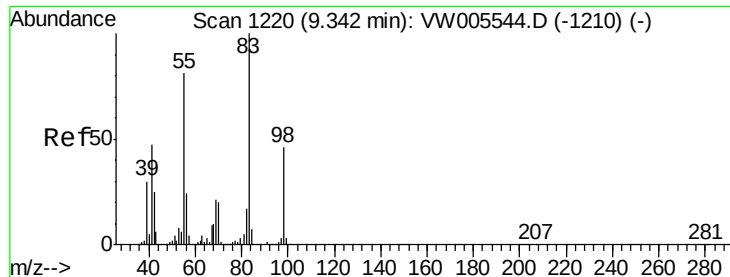
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#38
Carbon Tetrachloride
Concen: 20.374 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VW005603.D
Acq: 25 Sep 2018 11:52

Tgt Ion:	117	Resp:	76797
Ion	Ratio	Lower	Upper
117	100		
119	96.6	77.6	116.4
121	33.4	25.7	38.5





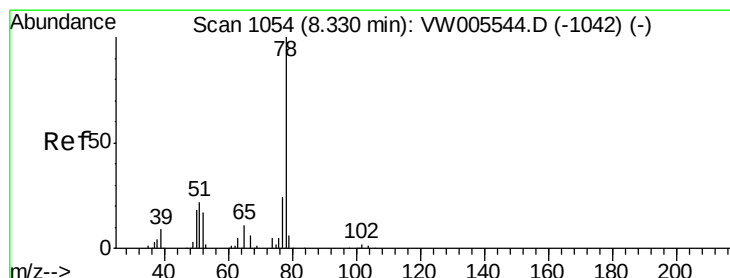
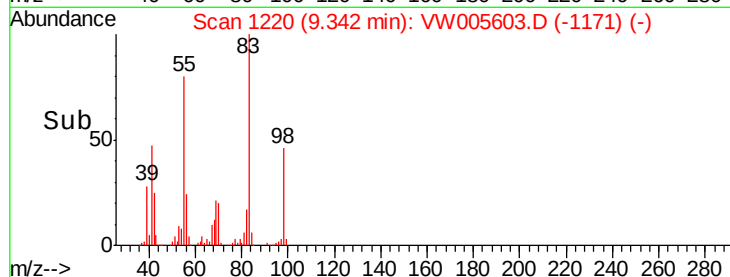
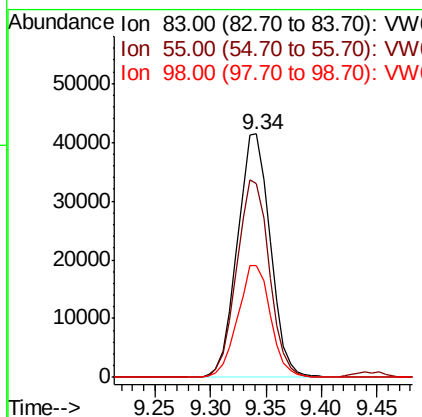
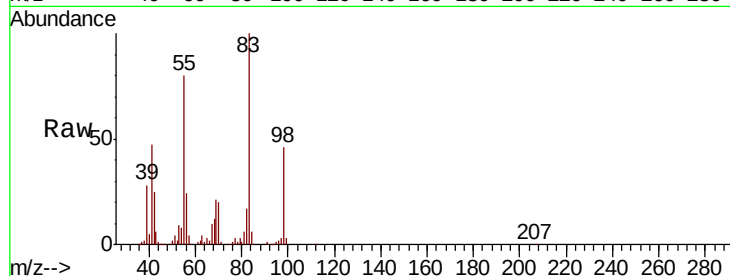
#39
Methylvlcyclohexane
Concen: 20.532 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW005603.D
Acq: 25 Sep 2018 11:52

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.6	64.6	97.0
98	45.8	37.0	55.6

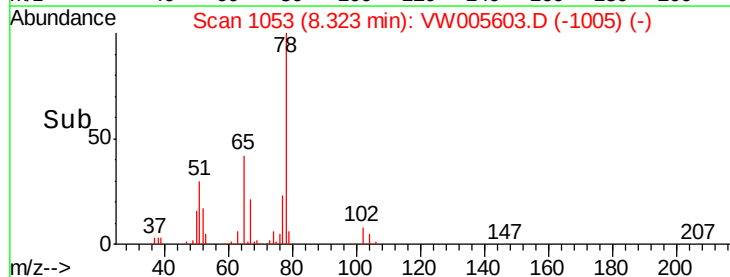
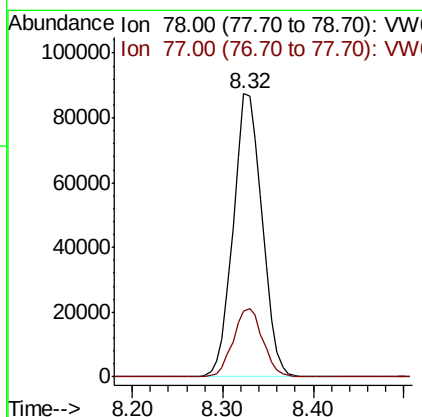
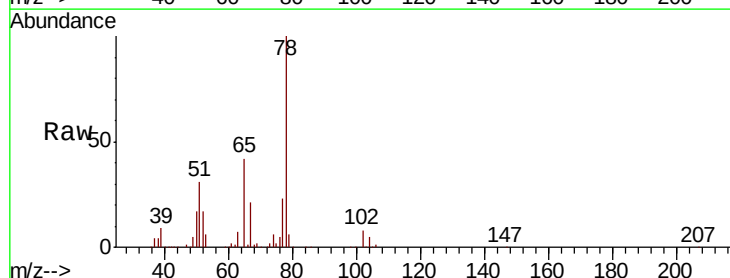
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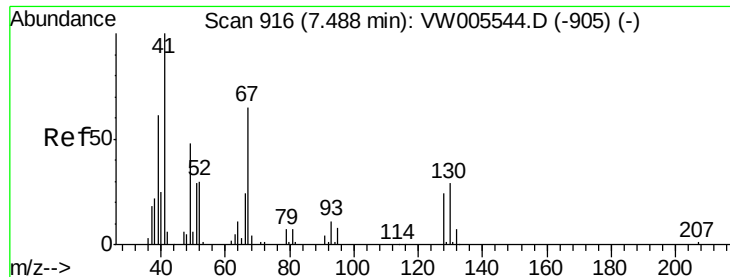
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#40
Benzene
Concen: 19.367 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW005603.D
Acq: 25 Sep 2018 11:52

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.0	28.4





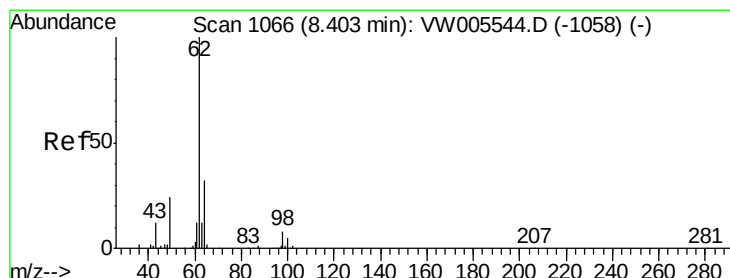
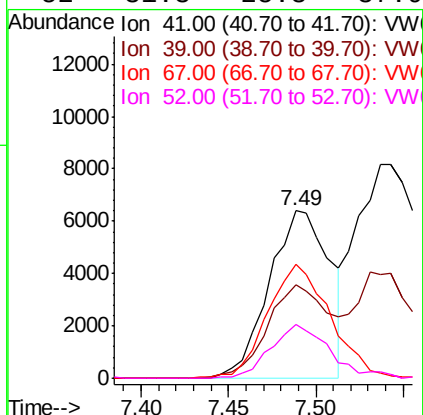
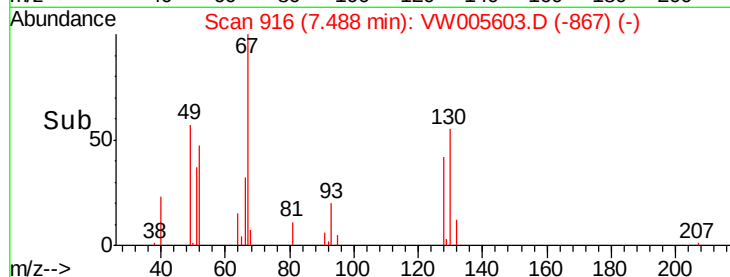
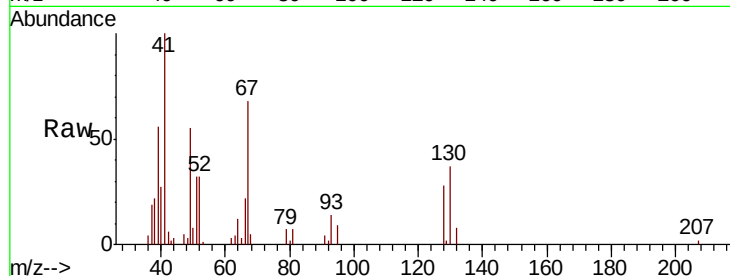
#41
Methacrylonitrile
Concen: 18.415 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW005603.D
Acq: 25 Sep 2018 11:52

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		15512		
39	56.4	45.4	68.2		
67	70.4	55.2	82.8		
52	31.3	25.3	37.9		

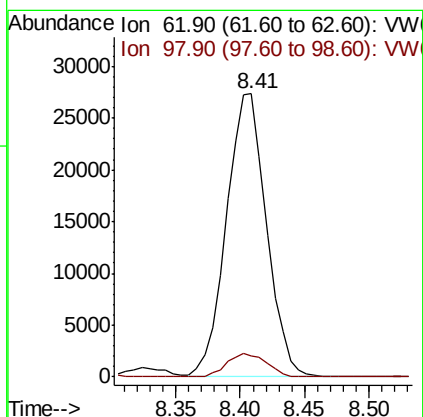
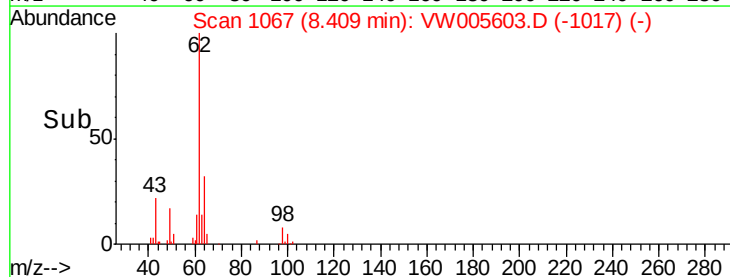
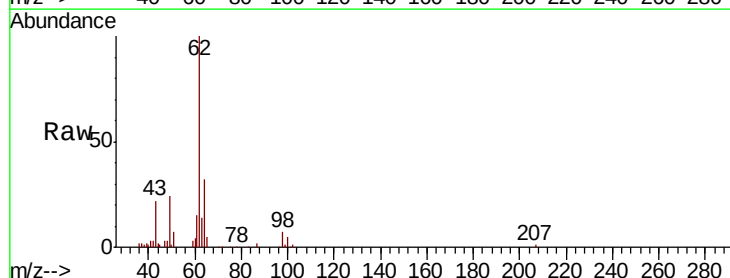
Manual Integrations
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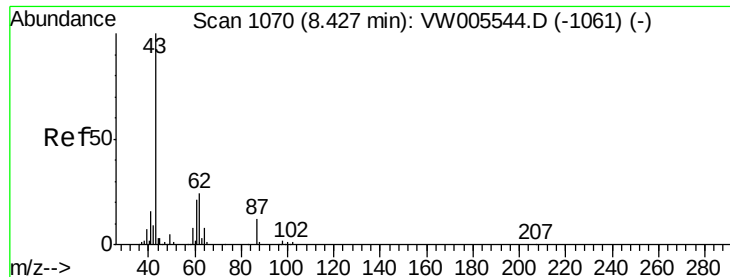
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#42
1,2-Dichloroethane
Concen: 18.543 ug/l
RT: 8.41 min Scan# 1067
Delta R.T. 0.01 min
Lab File: VW005603.D
Acq: 25 Sep 2018 11:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		59169		
98	8.3	0.0	15.6		





#43

Isopropyl Acetate

Concen: 17.151 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. 0.01 min

Lab File: VW005603.D

Acq: 25 Sep 2018 11:52

Instrument :

MSVOA_W

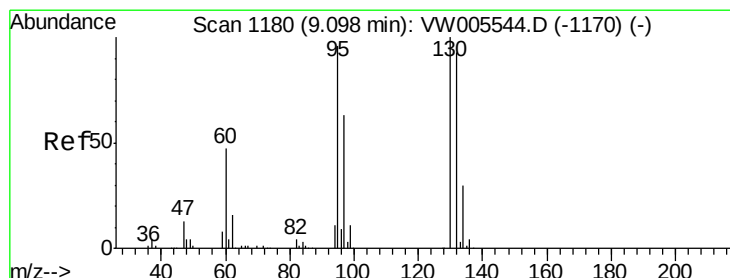
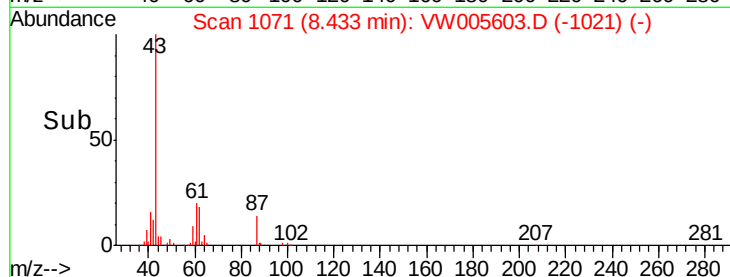
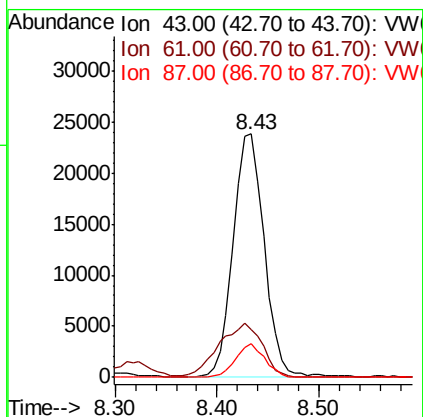
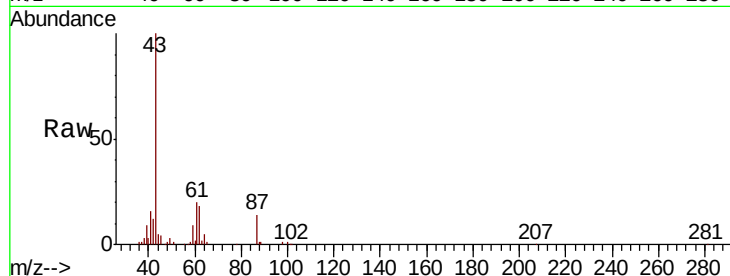
ClientSampleId :

VW0925SBS01

Tot Ion:	43	Resp:	49917
Ion	Ratio	Lower	Upper
43	100		
61	31.7	24.1	36.1
87	12.8	9.8	14.8

Manual Integrations
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#44

Trichloroethene

Concen: 20.295 ug/l

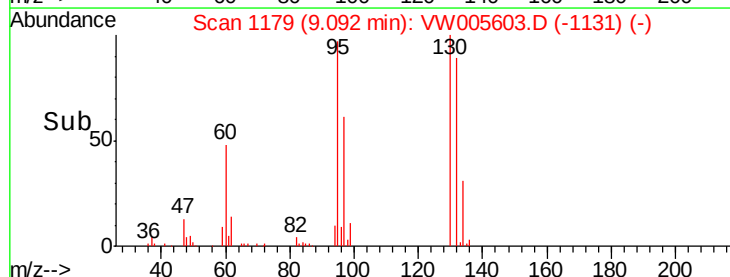
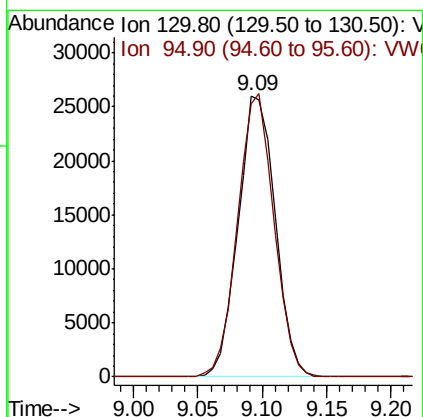
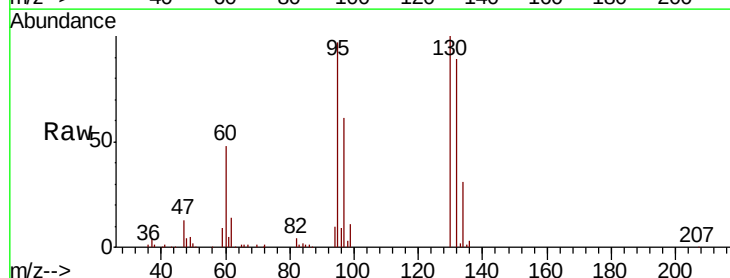
RT: 9.09 min Scan# 1179

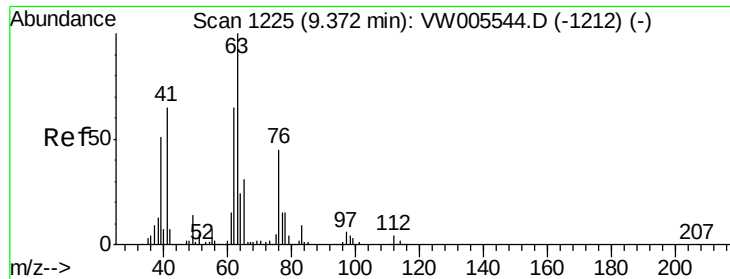
Delta R.T. -0.01 min

Lab File: VW005603.D

Acq: 25 Sep 2018 11:52

Tgt Ion:	130	Resp:	51773
Ion	Ratio	Lower	Upper
130	100		
95	97.3	0.0	191.2





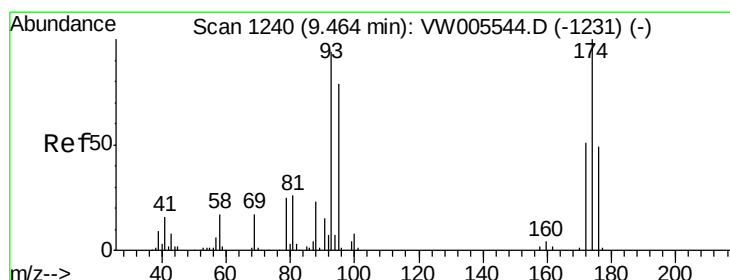
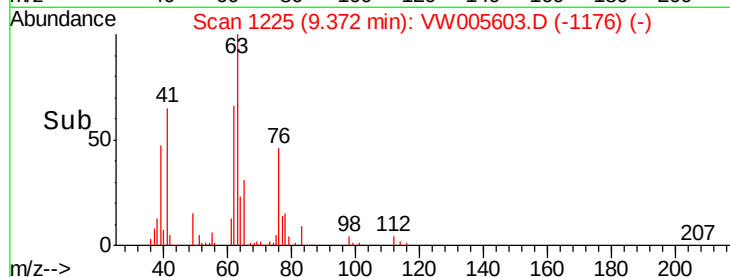
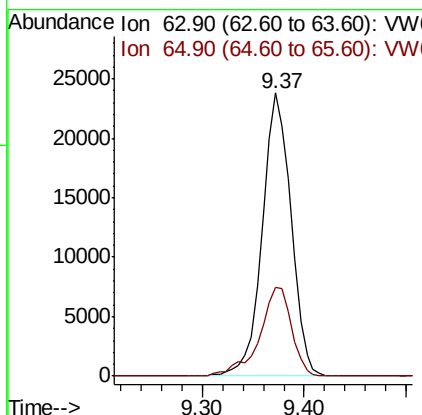
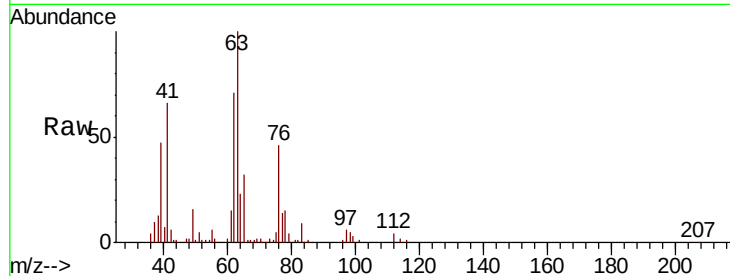
#45
 1,2-Dichloropropane
 Concen: 19.013 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW005603.D
 Acq: 25 Sep 2018 11:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBS01

Tot Ion: 63 Resp: 46619
 Ion Ratio Lower Upper
 63 100
 65 31.5 24.7 37.1

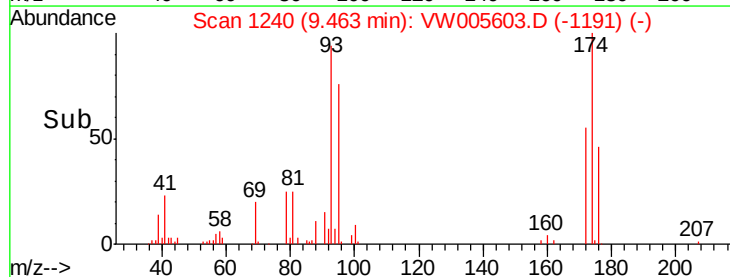
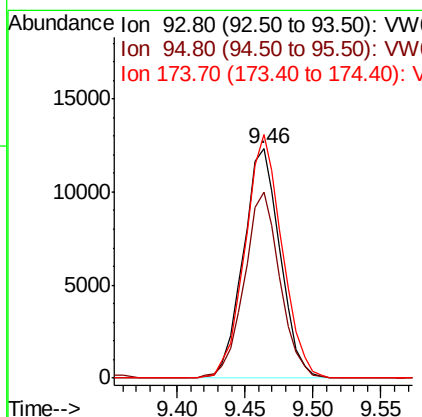
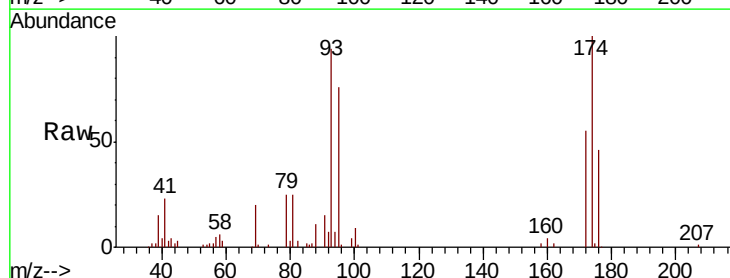
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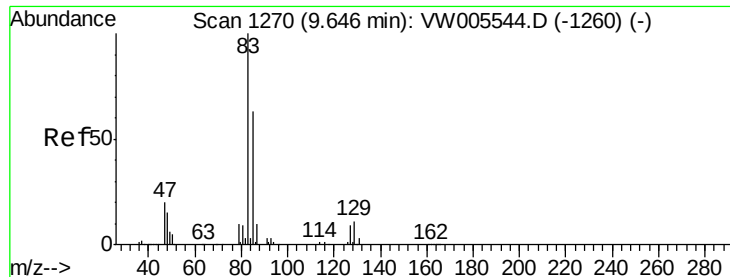
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#46
 Dibromomethane
 Concen: 19.050 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW005603.D
 Acq: 25 Sep 2018 11:52

Tgt Ion: 93 Resp: 23338
 Ion Ratio Lower Upper
 93 100
 95 78.8 65.8 98.8
 174 106.7 84.0 126.0





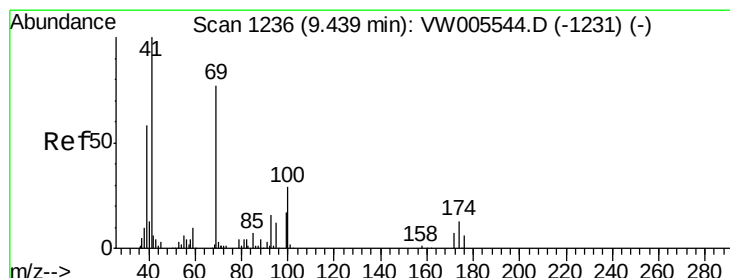
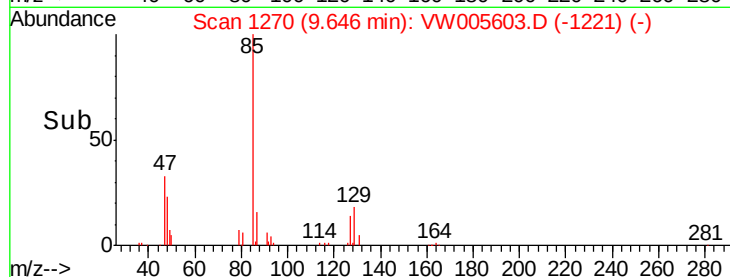
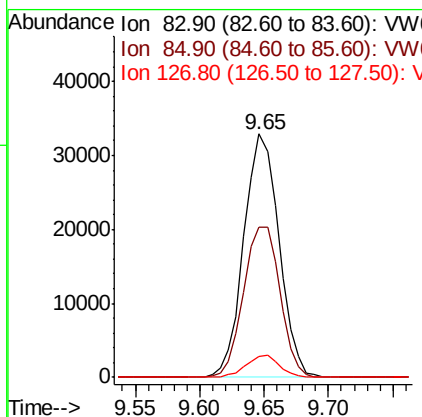
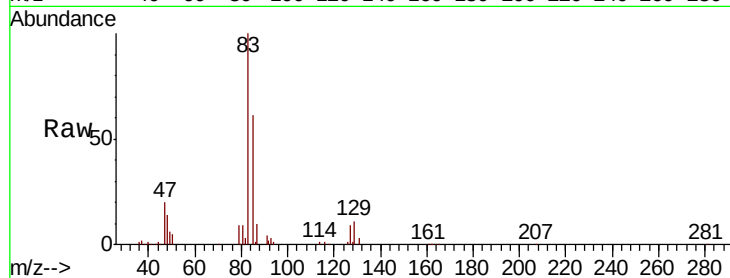
#47
Bromodichloromethane
Concen: 18.893 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VW005603.D
Acq: 25 Sep 2018 11:52

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS01

Tot Ion	83	Resp	62178
Ion Ratio	100	Lower	Upper
83	100		
85	61.5	50.5	75.7
127	8.8	7.0	10.6

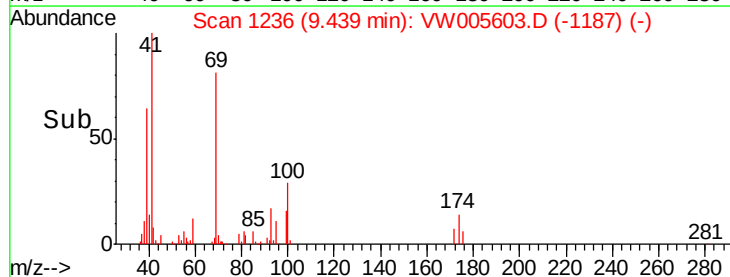
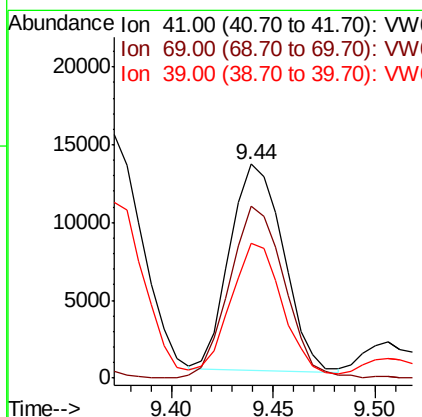
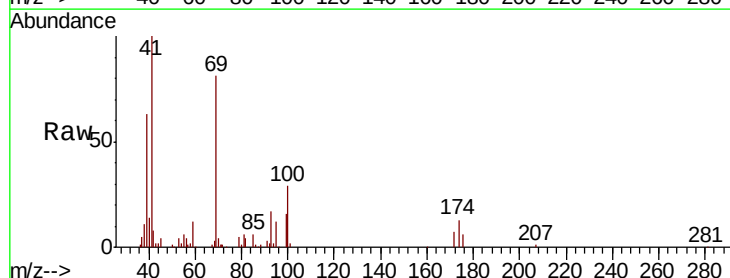
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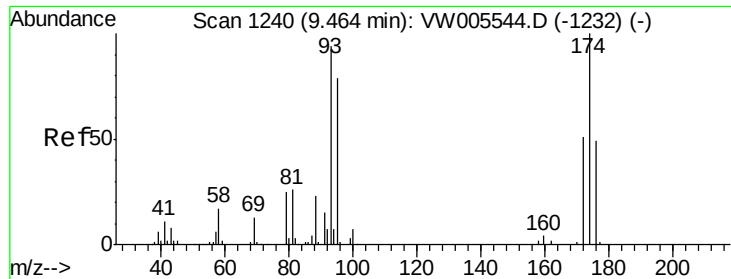
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9/26/2018 12:25:52 PM



#48
Methyl methacrylate
Concen: 17.448 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW005603.D
Acq: 25 Sep 2018 11:52

Tgt Ion	41	Resp	24119
Ion Ratio	100	Lower	Upper
41	100		
69	86.0	64.7	97.1
39	61.0	50.5	75.7





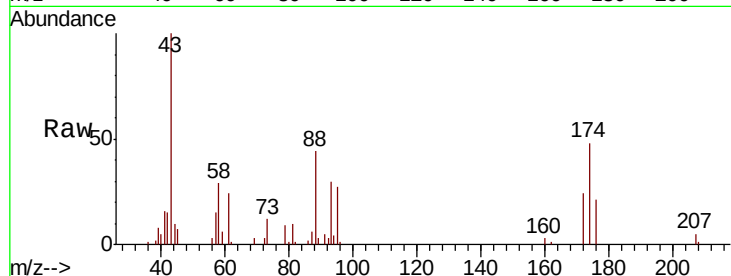
#49
1,4-Dioxane
Concen: 387.724 ug/l
RT: 9.49 min Scan# 1244
Delta R.T. 0.02 min
Lab File: VW005603.D
Acq: 25 Sep 2018 11:52

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	76.6	61.2	91.8

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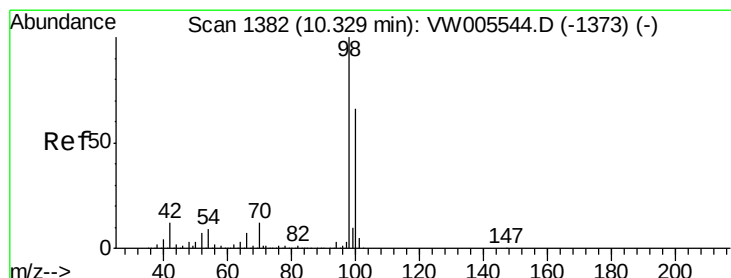
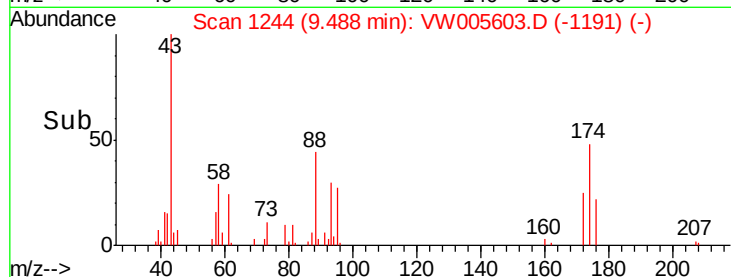
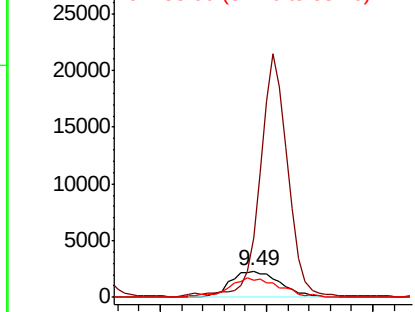


Abundance

Ion 88.00 (87.70 to 88.70): VW

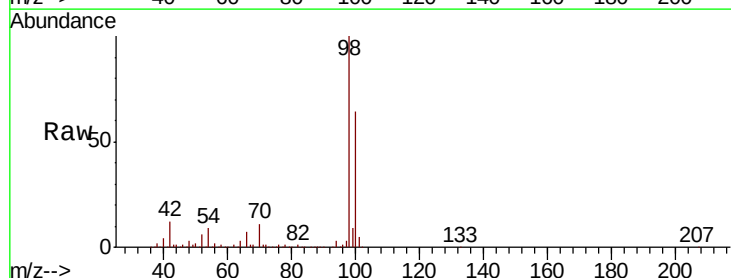
Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50
Toluene-d8
Concen: 48.970 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005603.D
Acq: 25 Sep 2018 11:52

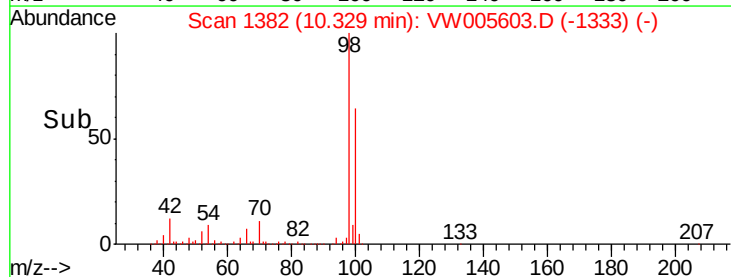
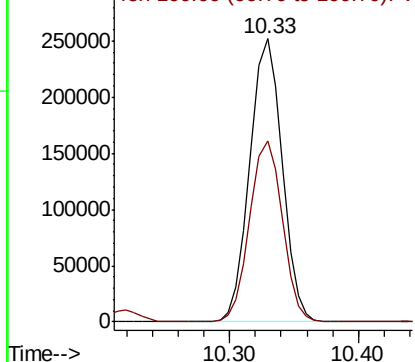
Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.6	77.4

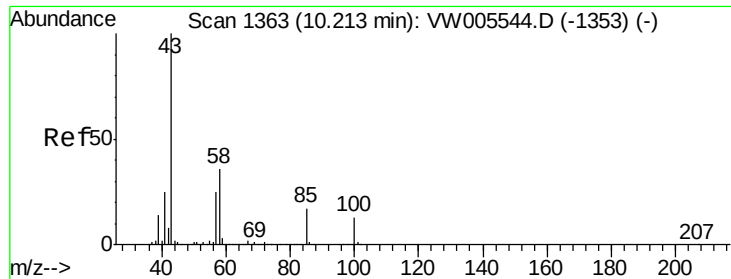


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 86.056 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW005603.D

Acq: 25 Sep 2018 11:52

Instrument :

MSVOA_W

ClientSampleId :

VW0925SBS01

Tot Ion: 43 Resp: 126143

Ion Ratio Lower Upper

43 100

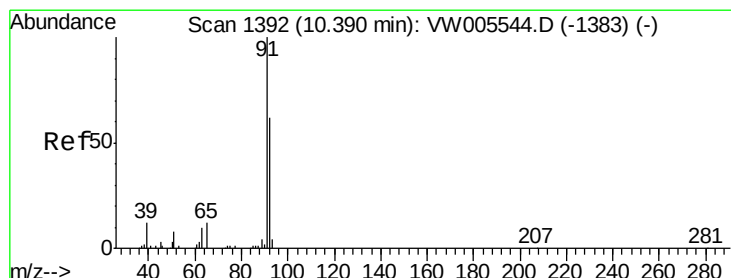
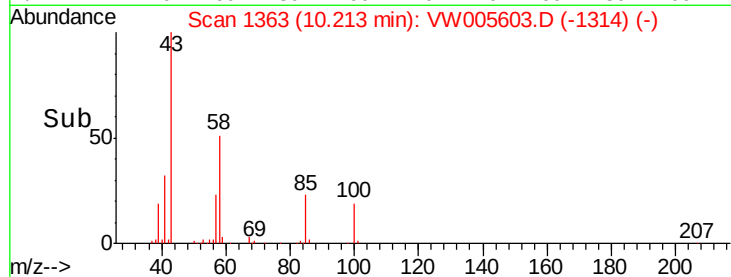
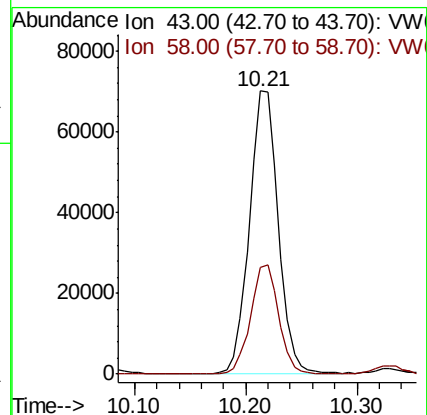
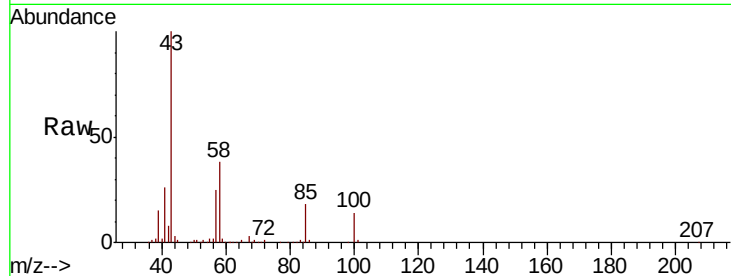
58 37.9 30.0 45.0

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9/26/2018 12:25:52 PM



#52

Toluene

Concen: 20.137 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW005603.D

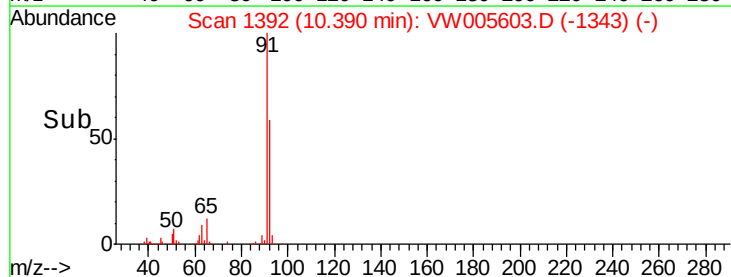
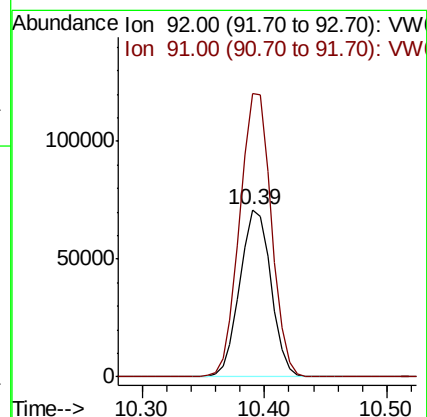
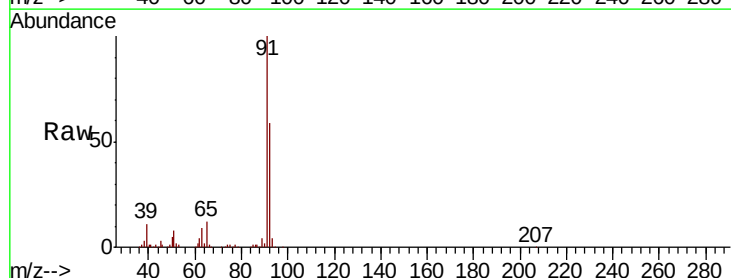
Acq: 25 Sep 2018 11:52

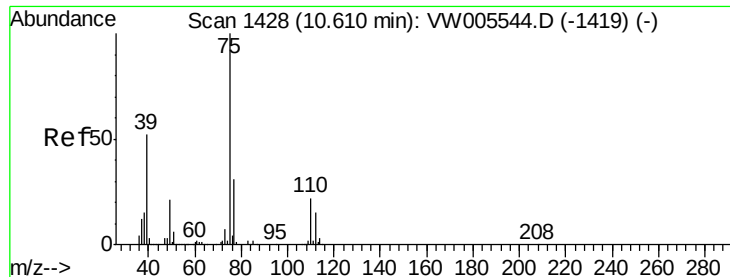
Tgt Ion: 92 Resp: 125222

Ion Ratio Lower Upper

92 100

91 172.1 137.1 205.7





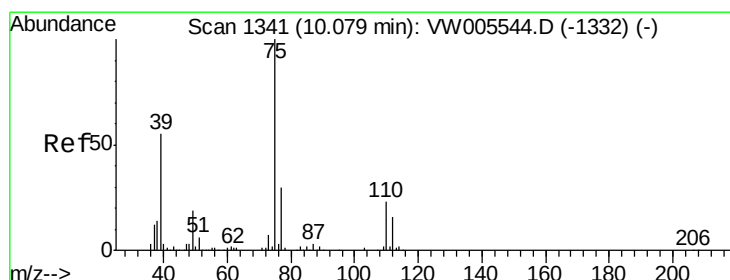
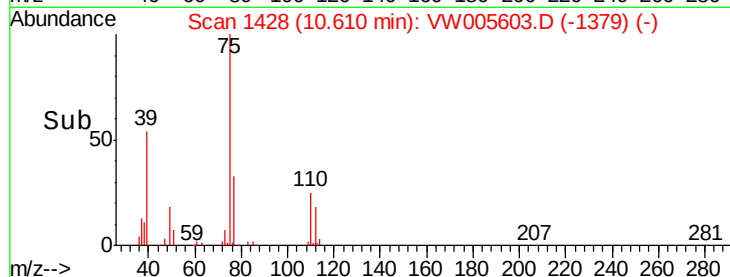
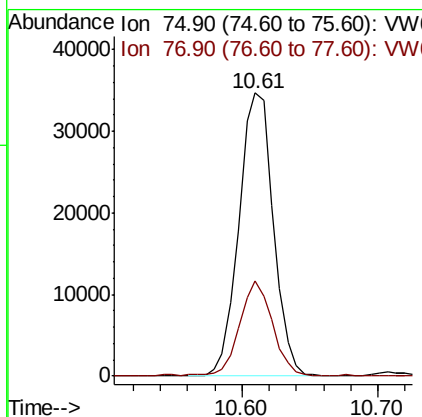
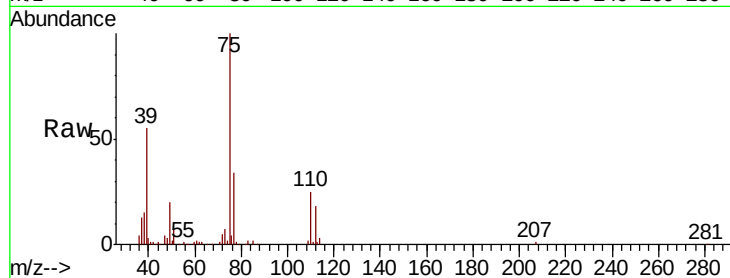
#53
 t-1,3-Dichloropropene
 Concen: 18.604 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: VW005603.D
 Acq: 25 Sep 2018 11:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	33.4	24.6	37.0

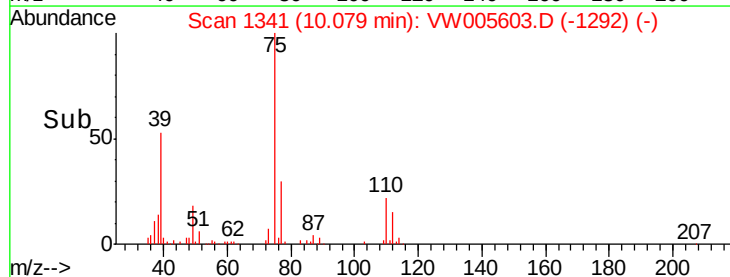
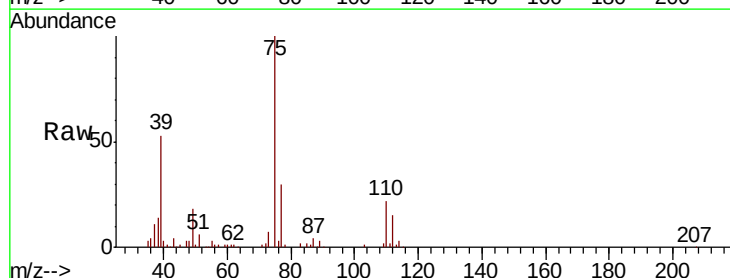
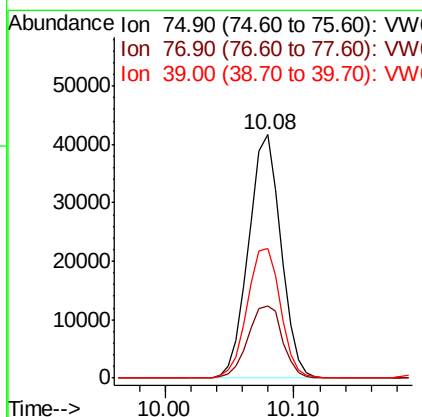
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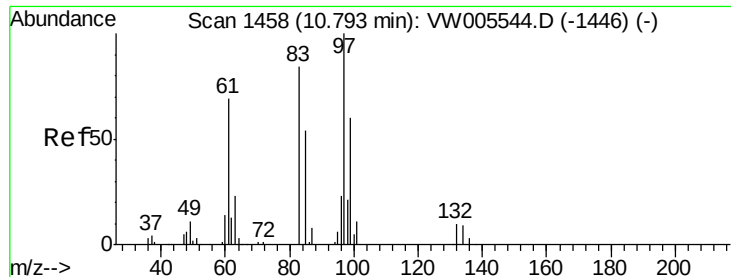
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#54
 cis-1,3-Dichloropropene
 Concen: 19.556 ug/l
 RT: 10.08 min Scan# 1341
 Delta R.T. -0.00 min
 Lab File: VW005603.D
 Acq: 25 Sep 2018 11:52

Tgt Ion	Ratio	Lower	Upper
75	100		
77	29.6	24.3	36.5
39	53.0	43.7	65.5





#55

1,1,2-Trichloroethane

Concen: 18.784 ug/l

RT: 10.79 min Scan# 1458

Delta R.T. -0.00 min

Lab File: VW005603.D

Acq: 25 Sep 2018 11:52

Instrument :

MSVOA_W

ClientSampleId :

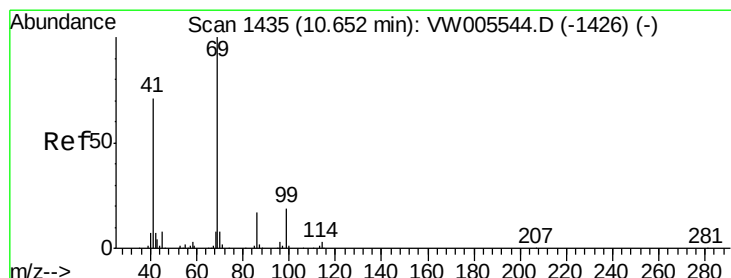
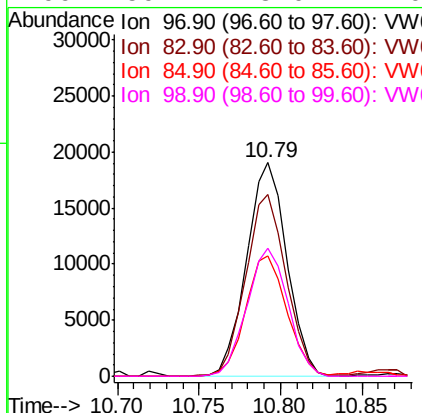
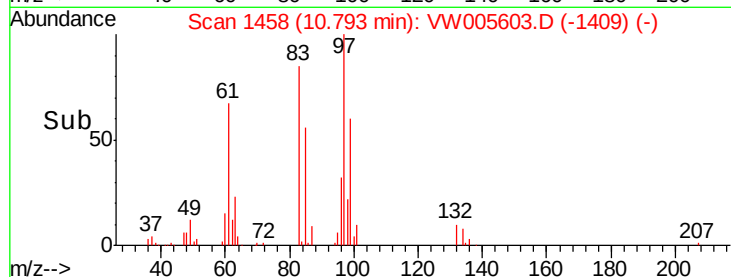
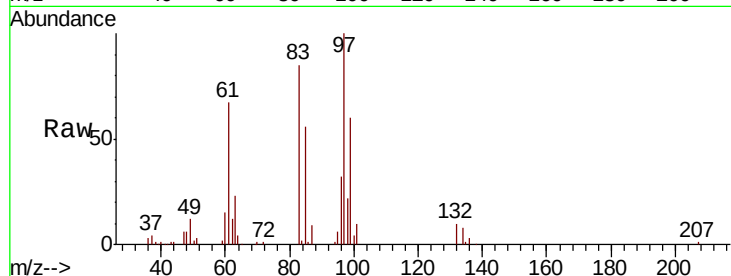
VW0925SBS01

Tot Ion:	97	Resp:	32666
Ion	Ratio	Lower	Upper
97	100		
83	85.2	67.4	101.2
85	56.3	43.3	64.9
99	59.7	48.0	72.0

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#56

Ethyl methacrylate

Concen: 18.019 ug/l

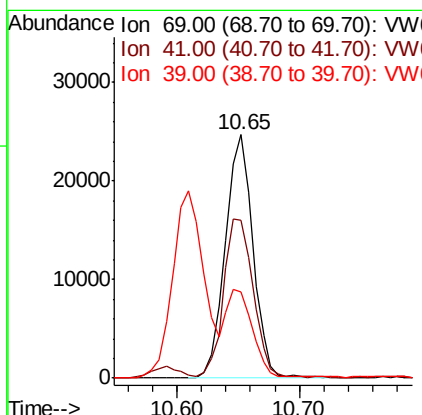
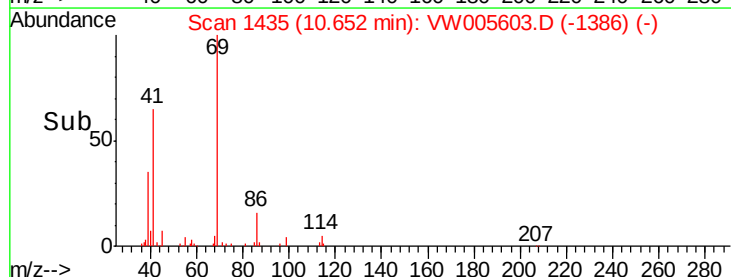
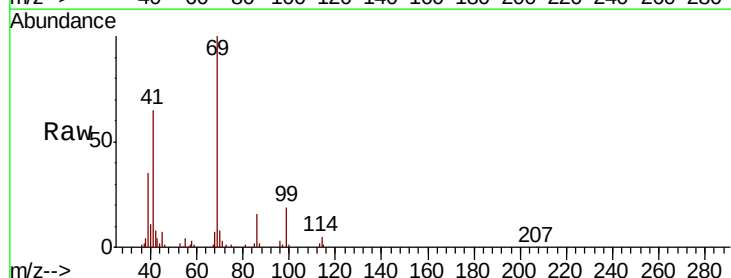
RT: 10.65 min Scan# 1435

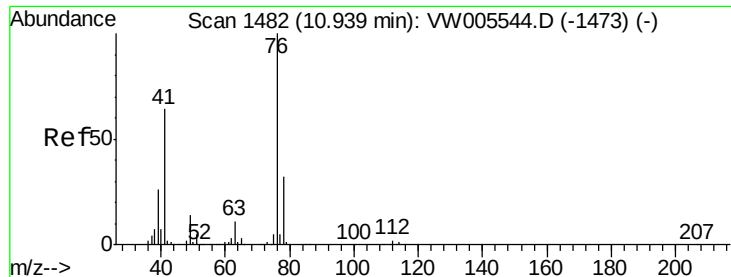
Delta R.T. -0.00 min

Lab File: VW005603.D

Acq: 25 Sep 2018 11:52

Tgt Ion:	69	Resp:	38683
Ion	Ratio	Lower	Upper
69	100		
41	69.8	57.3	85.9
39	34.4	29.2	43.8





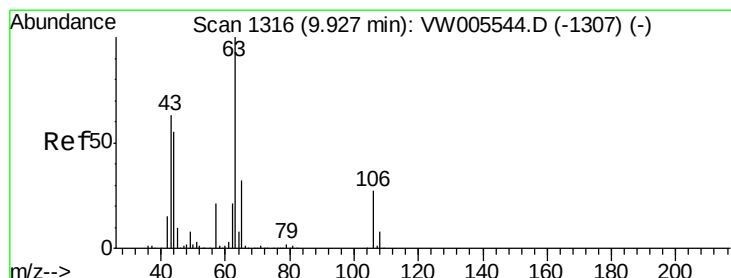
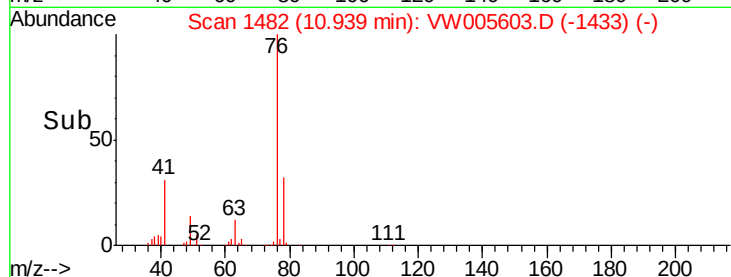
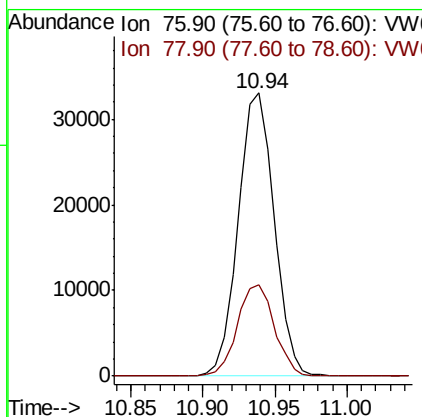
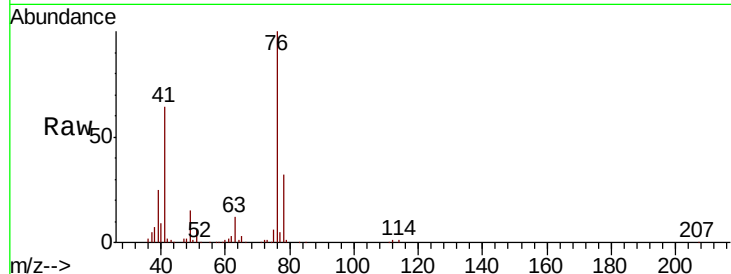
#57
 1,3-Dichloropropane
 Concen: 18.578 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: VW005603.D
 Acq: 25 Sep 2018 11:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.1	25.6	38.4

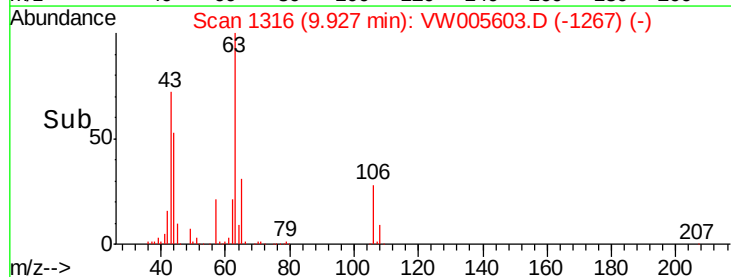
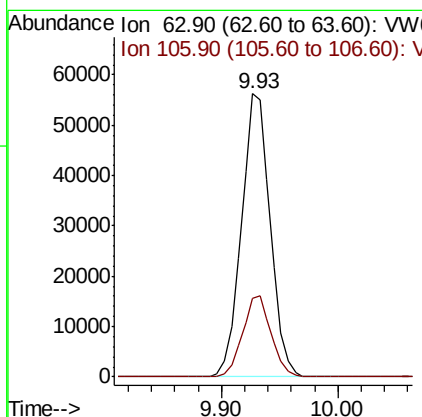
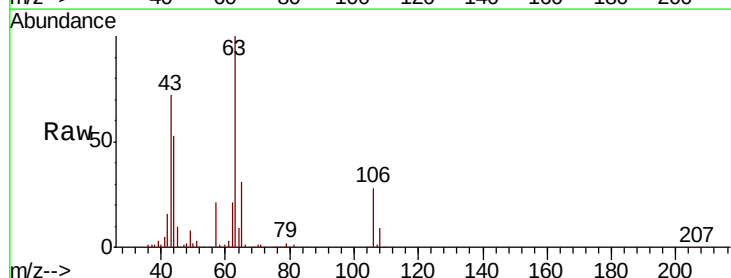
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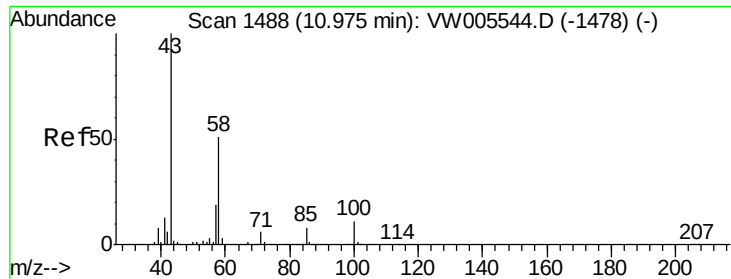
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#58
 2-Chloroethyl Vinyl ether
 Concen: 99.125 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW005603.D
 Acq: 25 Sep 2018 11:52

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.3	21.6	32.4





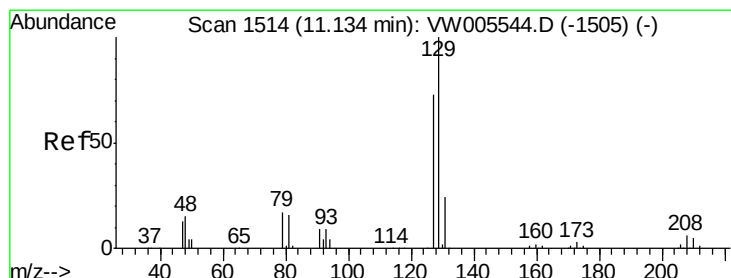
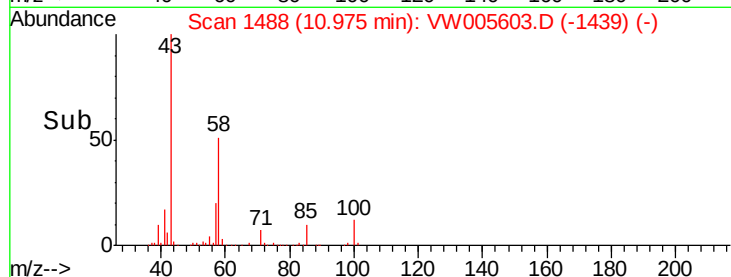
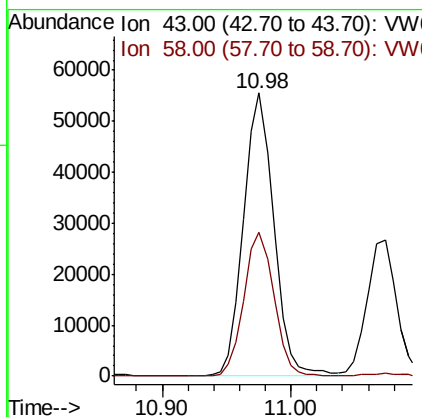
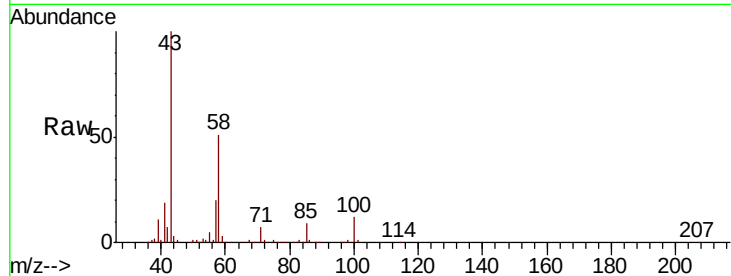
#59
2-Hexanone
Concen: 90.673 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005603.D
Acq: 25 Sep 2018 11:52

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS01

Tot Ion: 43 Resp: 90290
Ion Ratio Lower Upper
43 100
58 50.5 25.3 75.9

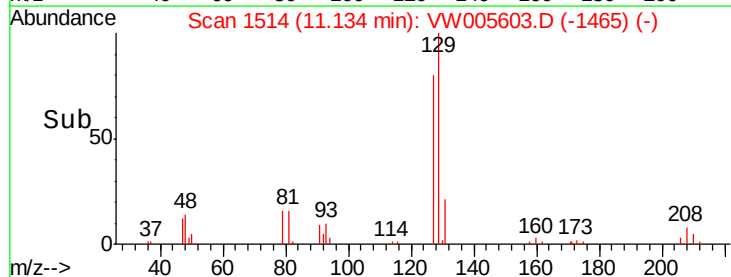
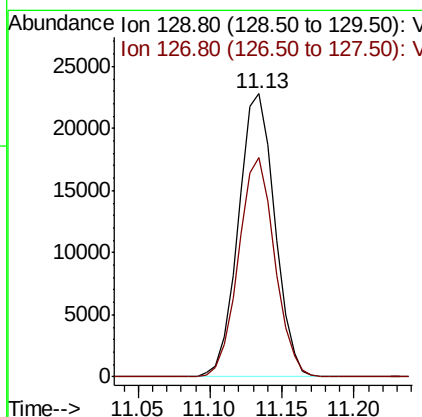
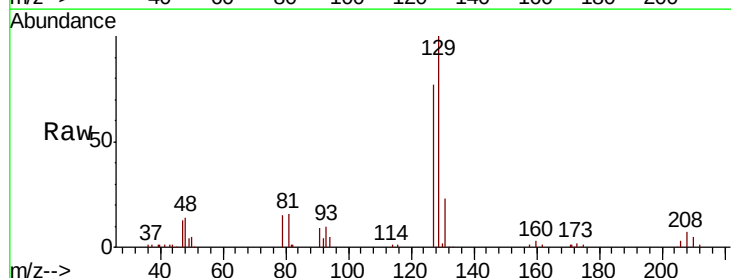
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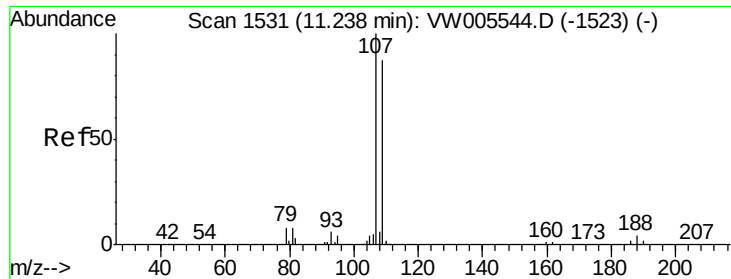
apatel
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#60
Dibromochloromethane
Concen: 19.012 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW005603.D
Acq: 25 Sep 2018 11:52

Tgt Ion: 129 Resp: 39947
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.5





#61

1,2-Dibromoethane

Concen: 18.567 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW005603.D

Acq: 25 Sep 2018 11:52

Instrument :

MSVOA_W

ClientSampleId :

VW0925SBS01

Tot Ion: 107 Resp: 30105

Ion Ratio Lower Upper

107 100

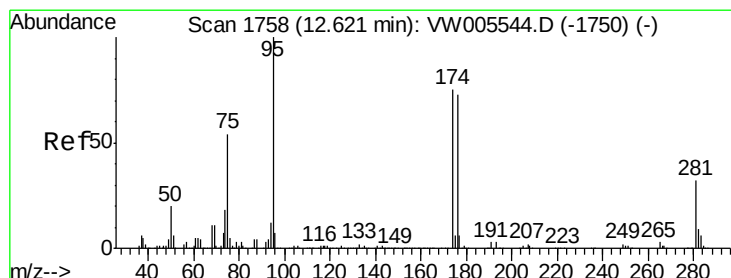
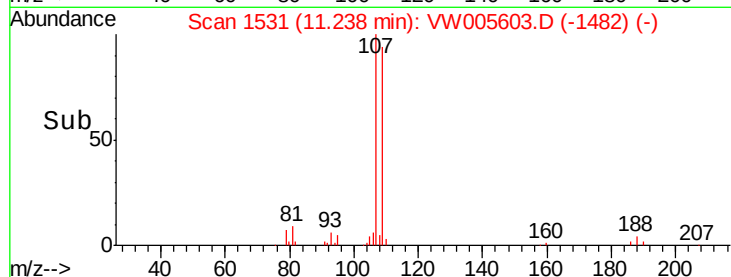
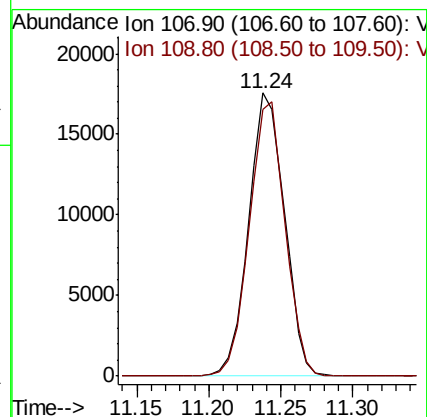
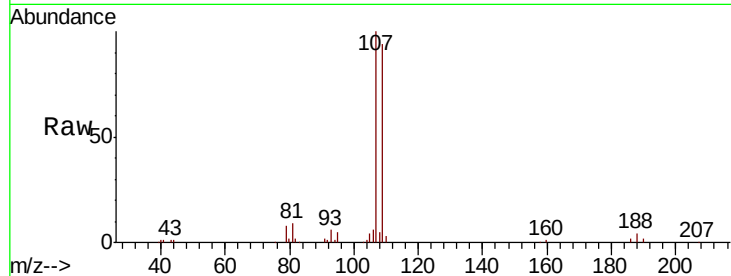
109 96.8 73.4 110.0

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#62

4-Bromofluorobenzene

Concen: 48.188 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005603.D

Acq: 25 Sep 2018 11:52

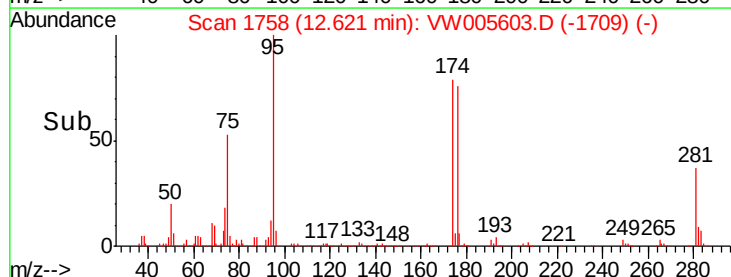
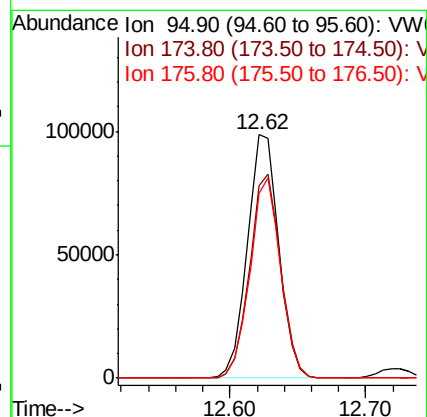
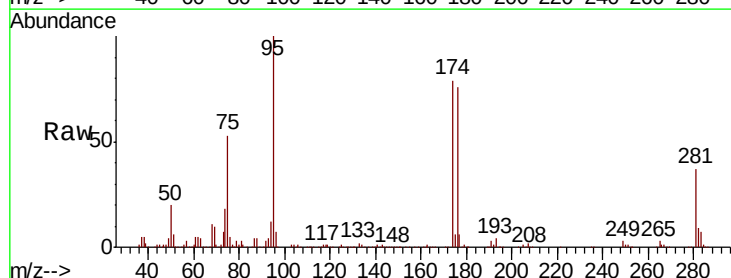
Tgt Ion: 95 Resp: 159540

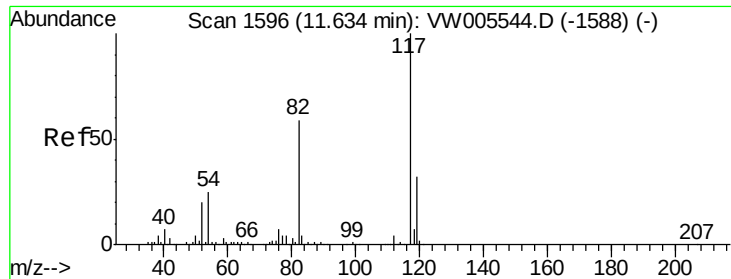
Ion Ratio Lower Upper

95 100

174 83.0 0.0 163.8

176 80.0 0.0 158.0





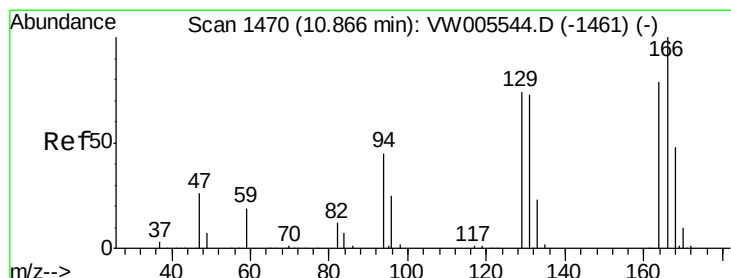
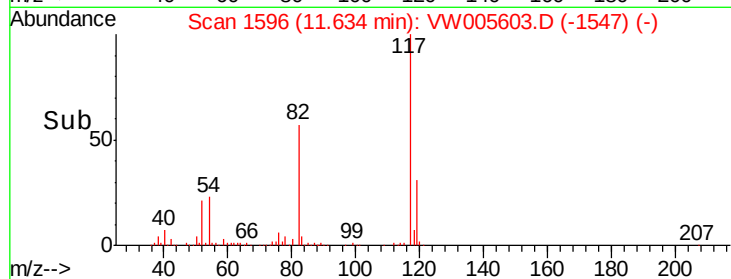
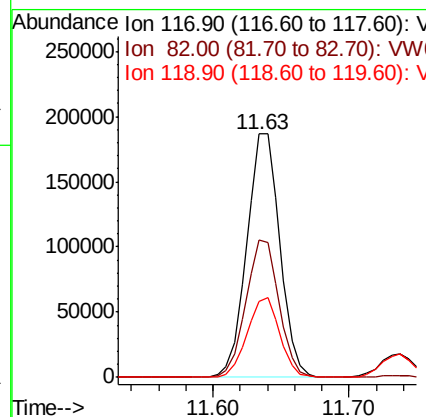
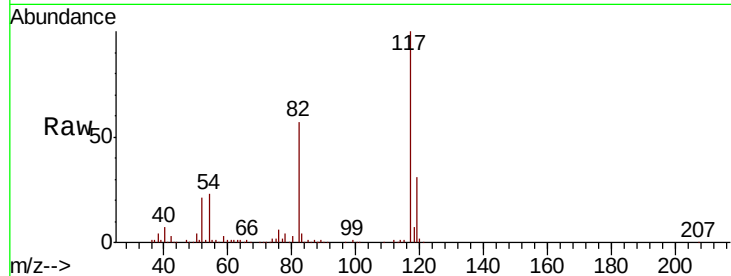
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005603.D
Acq: 25 Sep 2018 11:52

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	317655		
82	56.5	46.9	70.3	
119	31.4	25.7	38.5	

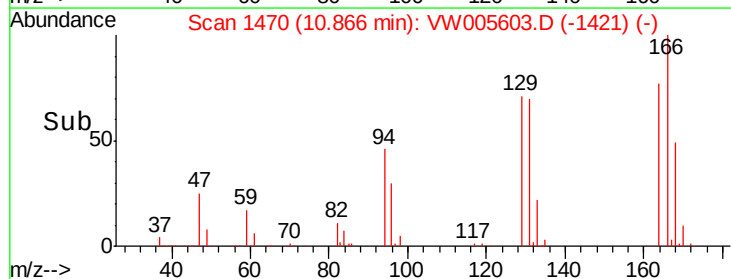
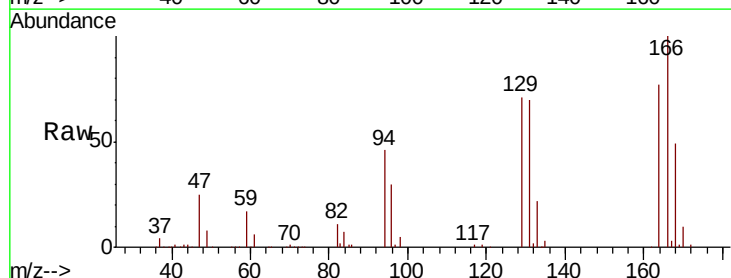
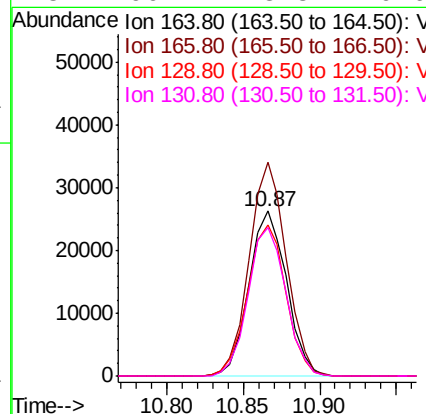
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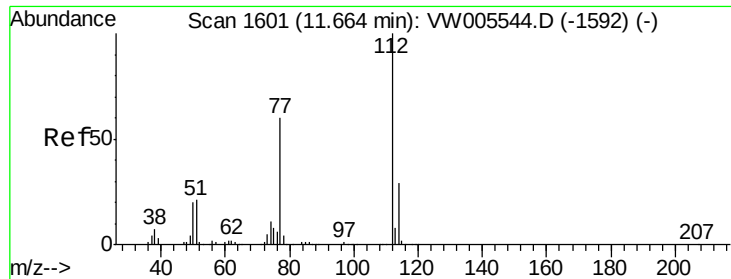
apatel
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#64
Tetrachloroethene
Concen: 19.829 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005603.D
Acq: 25 Sep 2018 11:52

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	44705		
166	129.5	101.1	151.7	
129	91.4	74.4	111.6	
131	90.4	73.8	110.6	





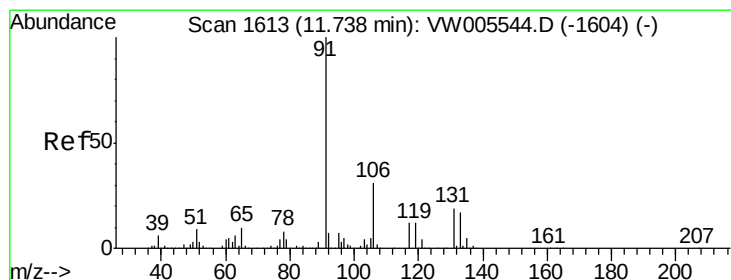
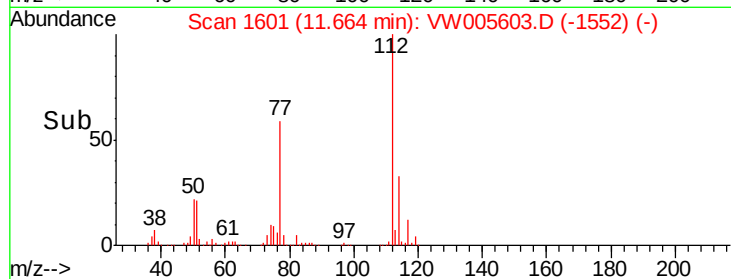
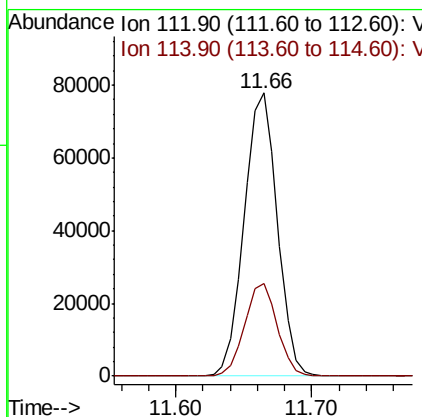
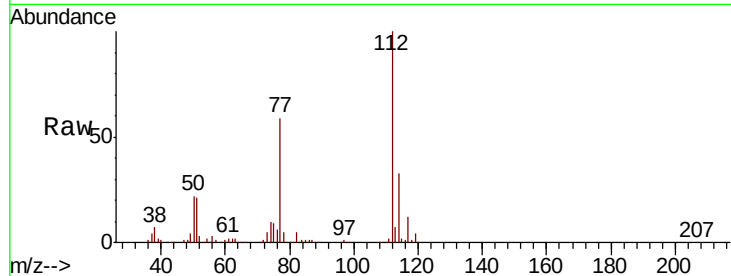
#65
Chlorobenzene
Concen: 19.699 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW005603.D
Acq: 25 Sep 2018 11:52

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.9	22.9	34.3

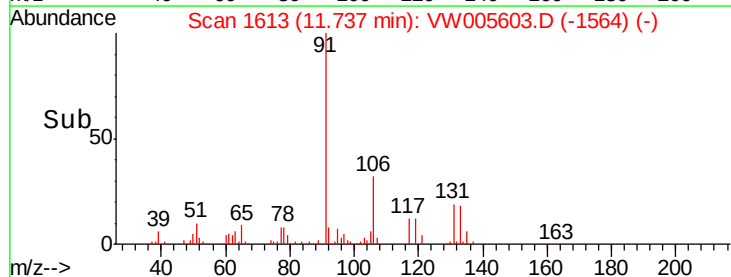
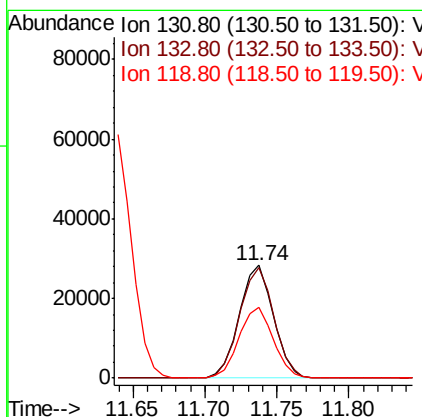
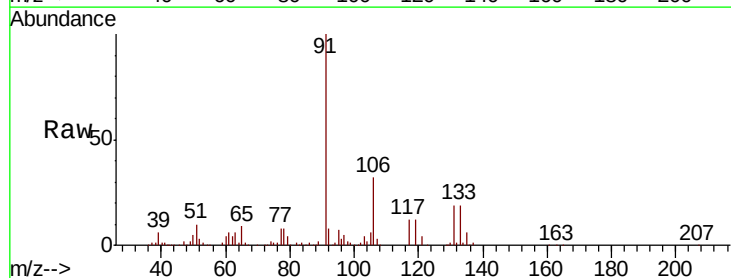
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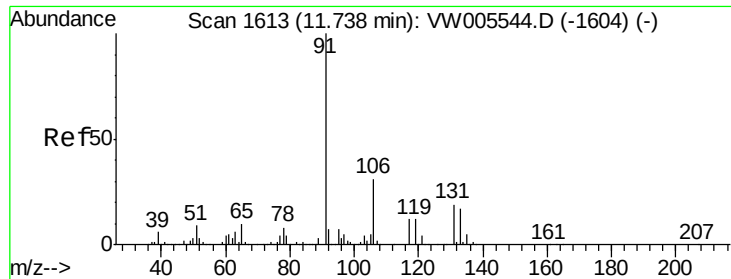
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.192 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005603.D
Acq: 25 Sep 2018 11:52

Tgt Ion	Ratio	Lower	Upper
131	100		
133	98.6	47.2	141.6
119	63.0	31.1	93.2





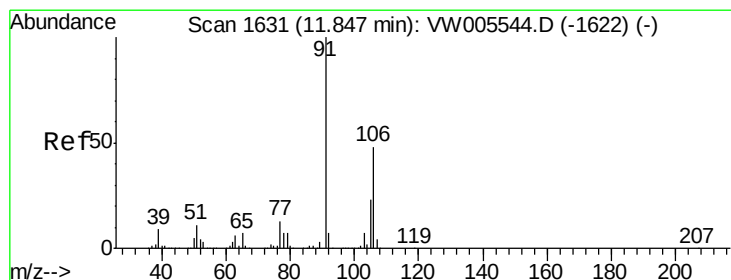
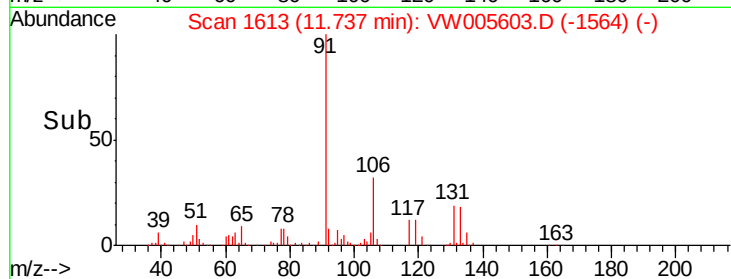
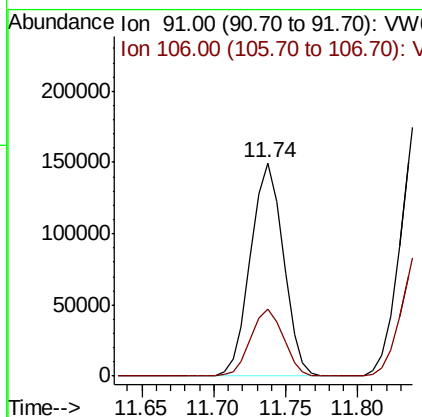
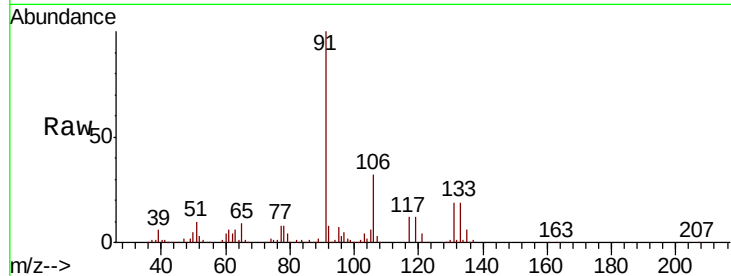
#67
Ethyl Benzene
Concen: 19.794 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005603.D
Acq: 25 Sep 2018 11:52

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS01

Tot Ion: 91 Resp: 236932
Ion Ratio Lower Upper
91 100
106 31.7 24.4 36.6

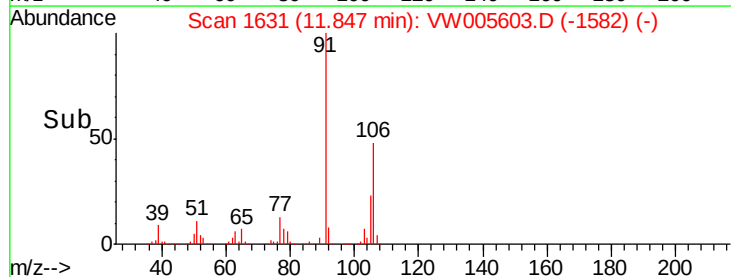
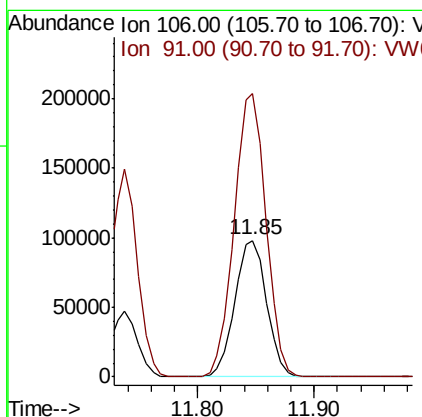
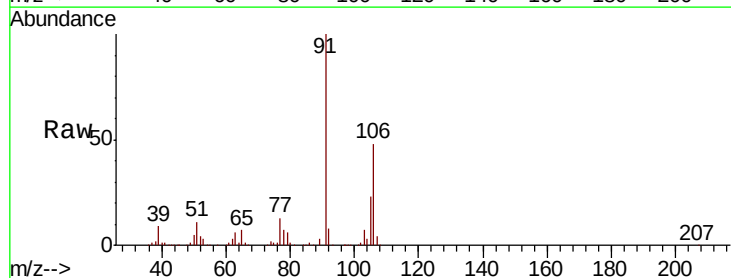
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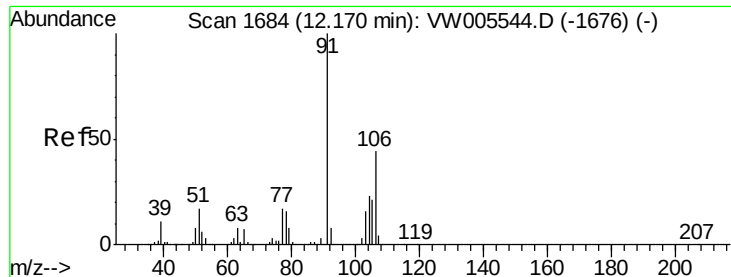
apatel
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#68
m/p-Xylenes
Concen: 41.233 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW005603.D
Acq: 25 Sep 2018 11:52

Tgt Ion: 106 Resp: 186463
Ion Ratio Lower Upper
106 100
91 207.7 167.8 251.8





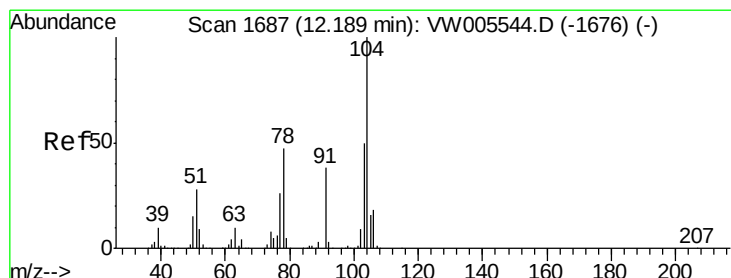
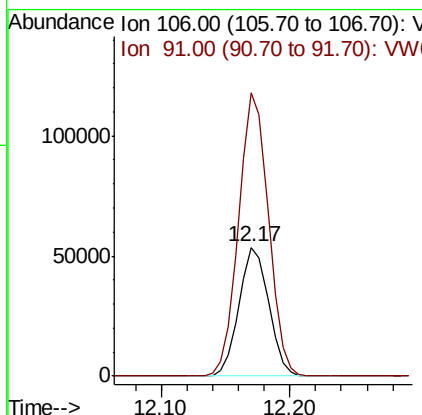
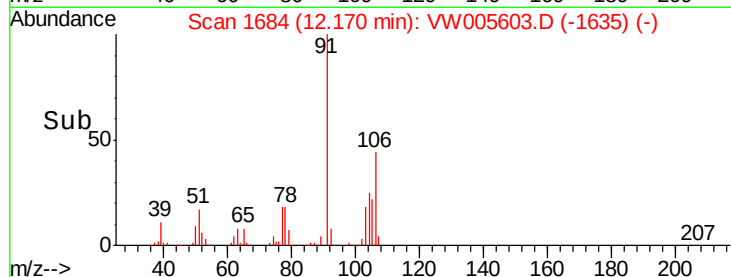
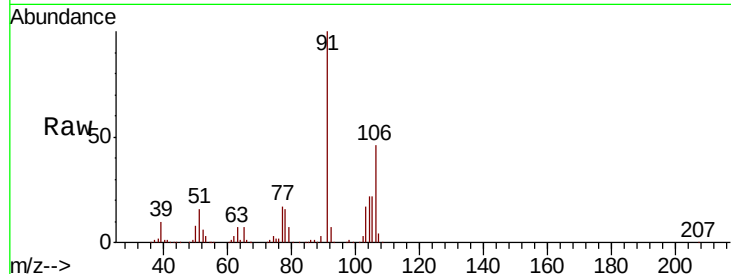
#69
o-Xylene
Concen: 20.246 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005603.D
Acq: 25 Sep 2018 11:52

Instrument :
MSVOA_W
ClientSampled :
VW0925SBS01

Tot Ion:106 Resp: 85745
Ion Ratio Lower Upper
106 100
91 220.8 111.0 333.0

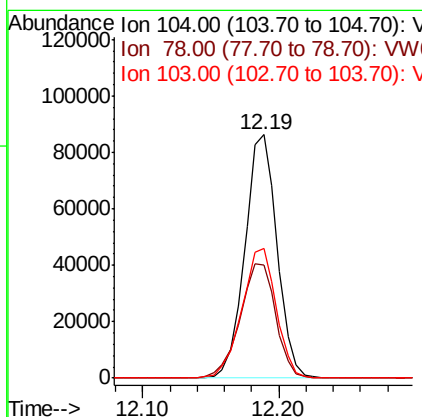
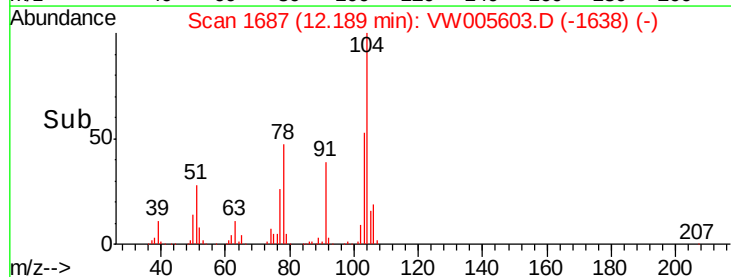
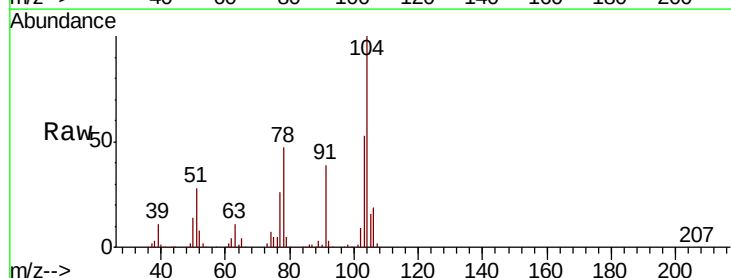
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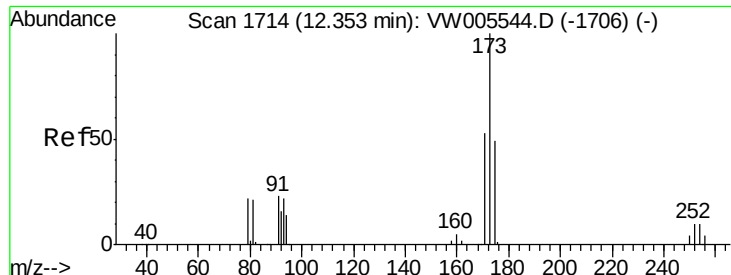
apatel
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#70
Styrene
Concen: 19.986 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005603.D
Acq: 25 Sep 2018 11:52

Tgt Ion:104 Resp: 142447
Ion Ratio Lower Upper
104 100
78 52.1 42.2 63.4
103 57.0 44.6 66.8





#71

Bromoform

Concen: 18.680 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW005603.D

Acq: 25 Sep 2018 11:52

Instrument :

MSVOA_W

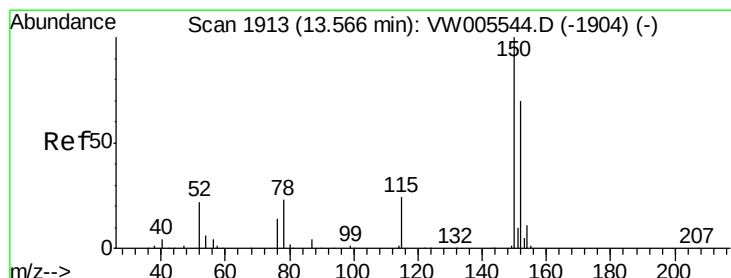
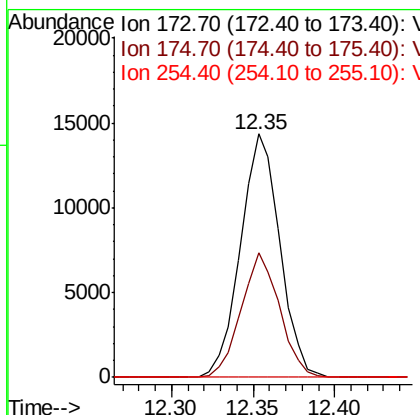
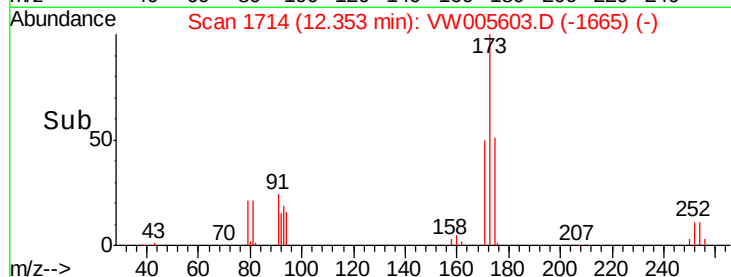
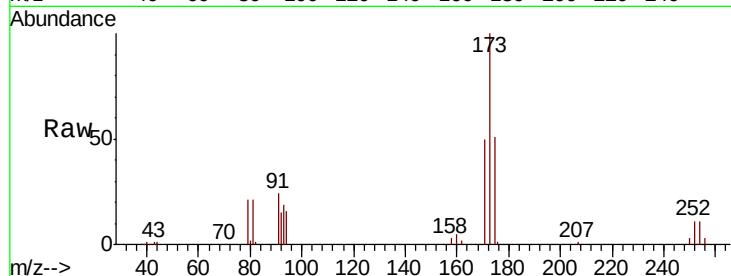
ClientSampleId :

VW0925SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.1	24.3	72.9
254	0.0	0.1	0.1#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

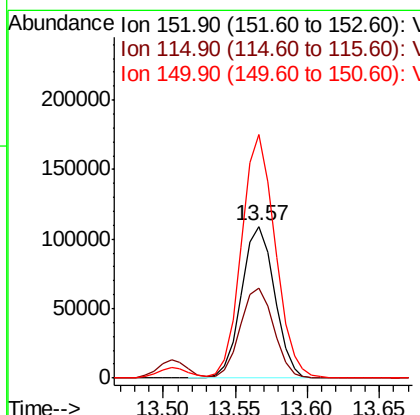
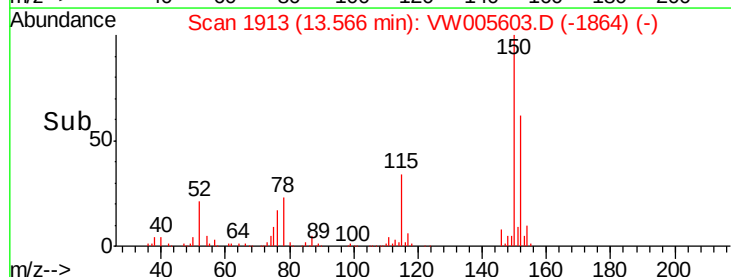
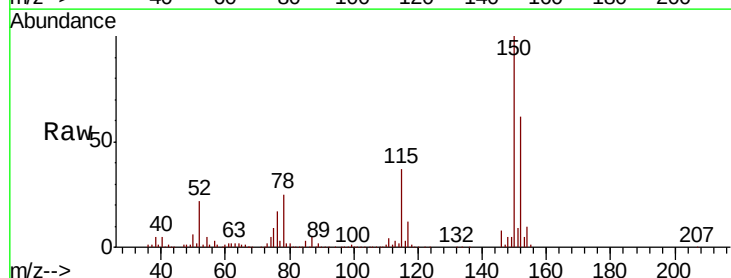
RT: 13.57 min Scan# 1913

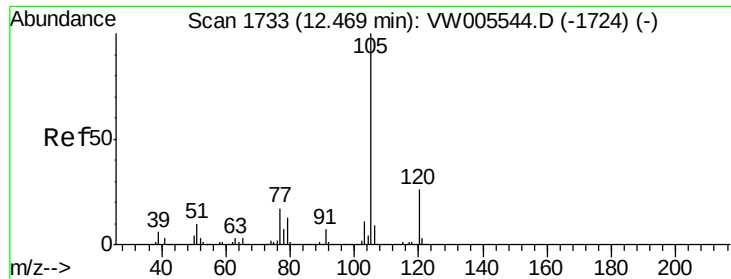
Delta R.T. -0.00 min

Lab File: VW005603.D

Acq: 25 Sep 2018 11:52

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.6	30.0	90.0
150	162.9	0.0	348.6





#73

Isopropylbenzene

Concen: 20.463 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005603.D

Acq: 25 Sep 2018 11:52

Instrument :

MSVOA_W

ClientSampleId :

VW0925SBS01

Tot Ion:105 Resp: 247211

Ion Ratio Lower Upper

105 100

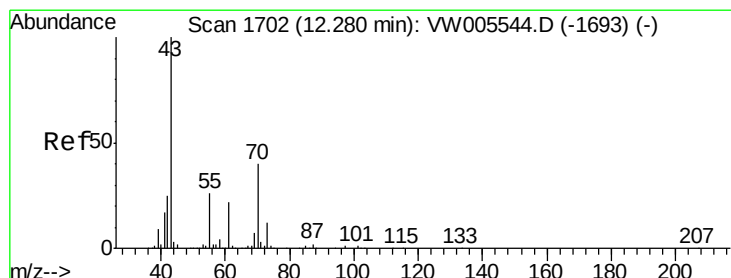
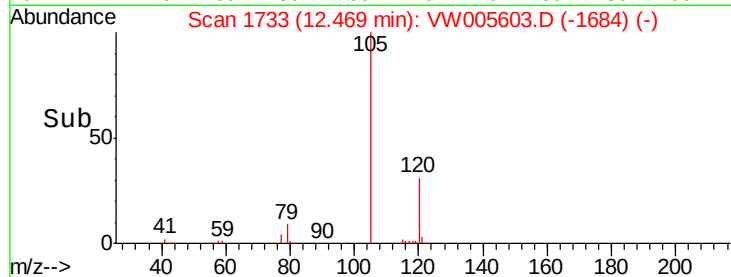
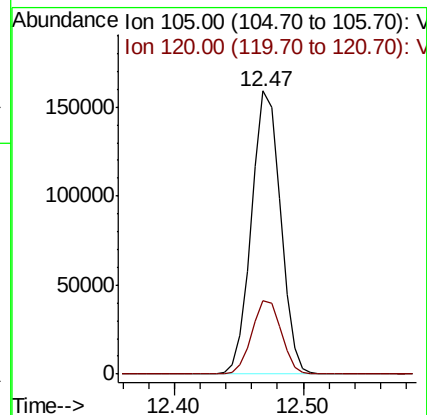
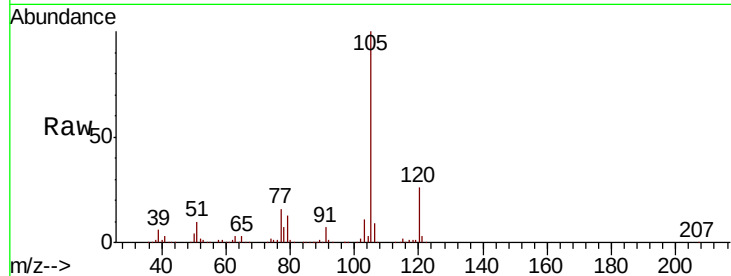
120 26.1 12.9 38.7

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#74

N-ethyl acetate

Concen: 17.443 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005603.D

Acq: 25 Sep 2018 11:52

Tgt Ion: 43 Resp: 47719

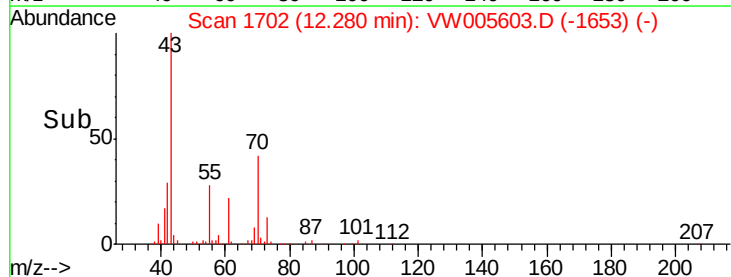
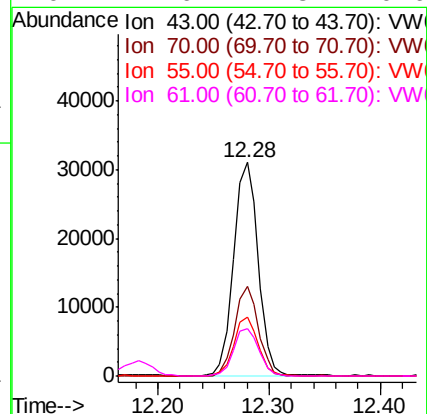
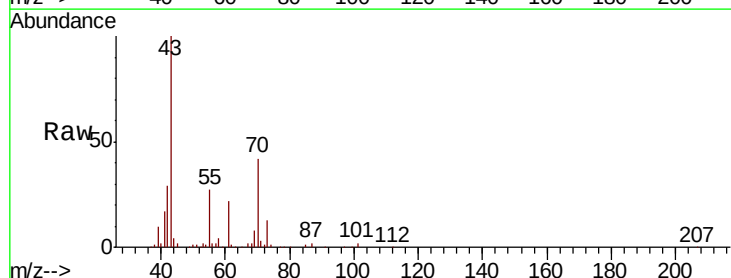
Ion Ratio Lower Upper

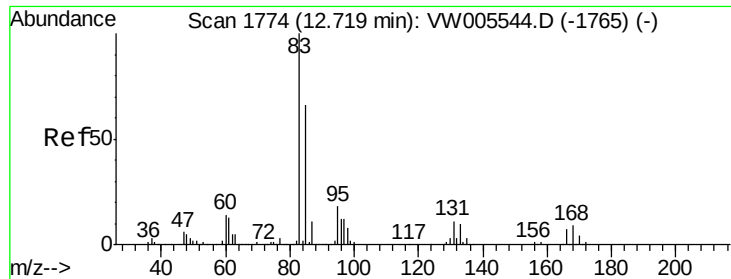
43 100

70 40.3 31.4 47.0

55 27.2 20.9 31.3

61 22.6 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 18.032 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005603.D

Acq: 25 Sep 2018 11:52

Instrument :

MSVOA_W

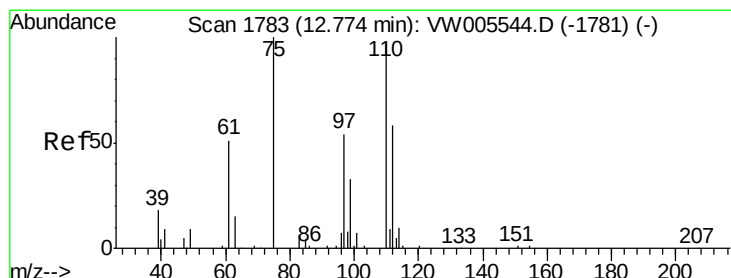
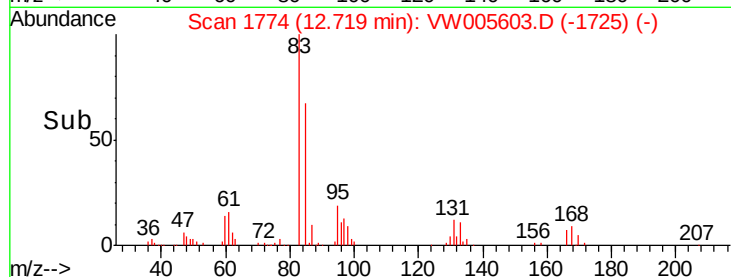
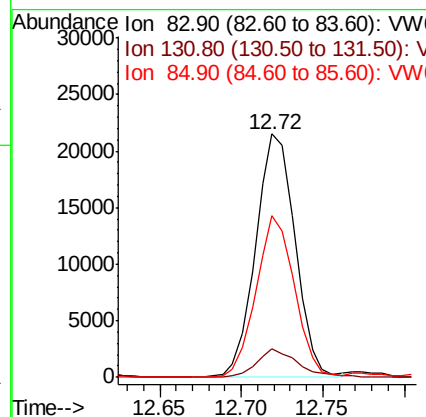
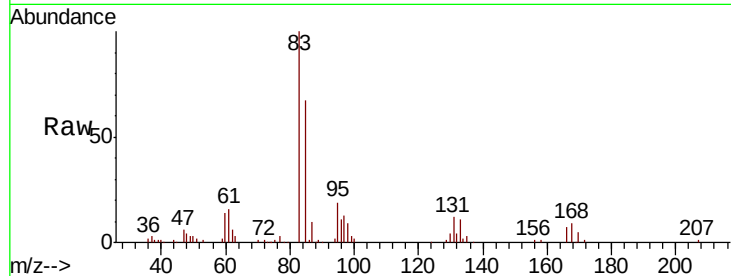
ClientSampleId :

VW0925SBS01

Tot Ion:	83	Resp:	36184
Ion Ratio	Lower	Upper	
83	100		
131	11.9	5.5	16.7
85	64.6	32.4	97.0

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#76

1,2,3-Trichloropropane

Concen: 18.029 ug/l m

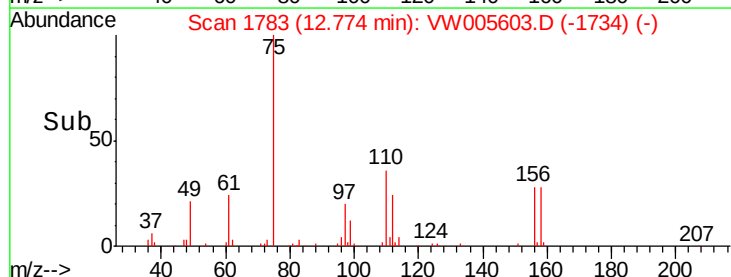
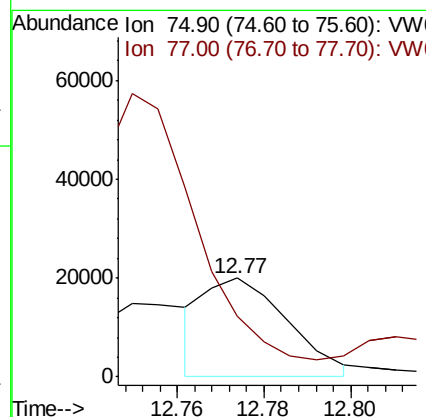
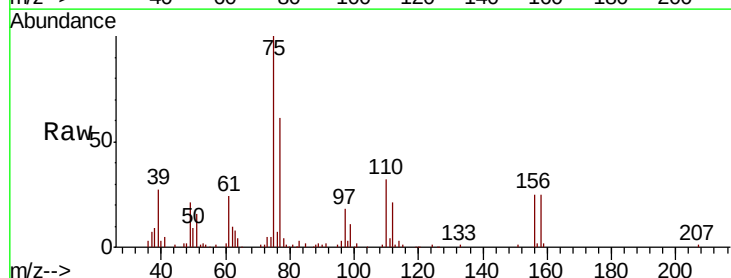
RT: 12.77 min Scan# 1783

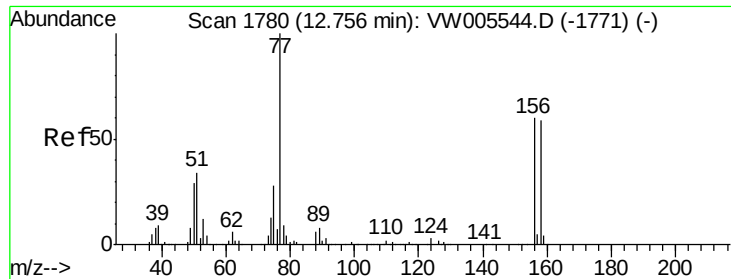
Delta R.T. -0.00 min

Lab File: VW005603.D

Acq: 25 Sep 2018 11:52

Tgt Ion:	75	Resp:	26774
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.661 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VW005603.D

Acq: 25 Sep 2018 11:52

Instrument :

MSVOA_W

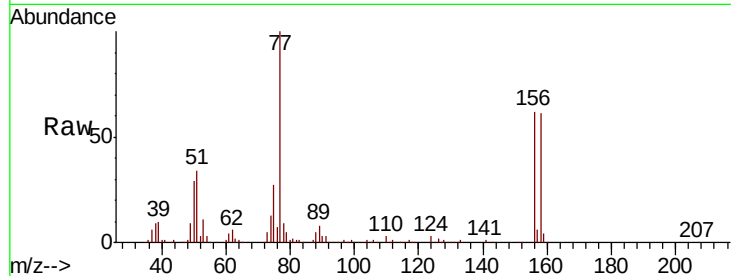
ClientSampleId :

VW0925SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	184.9	94.7	284.1
158	98.1	48.0	144.2

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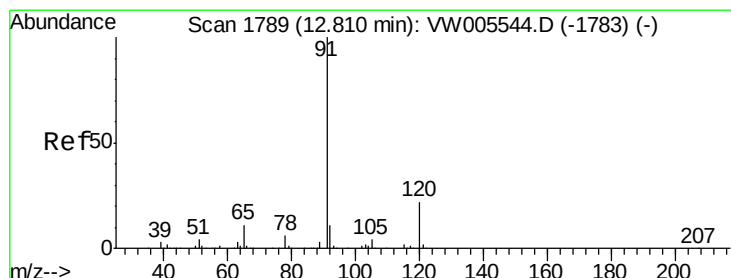
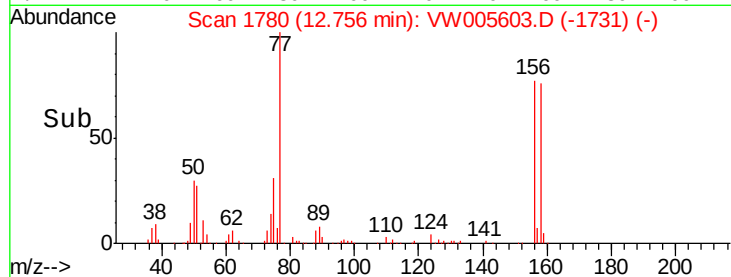
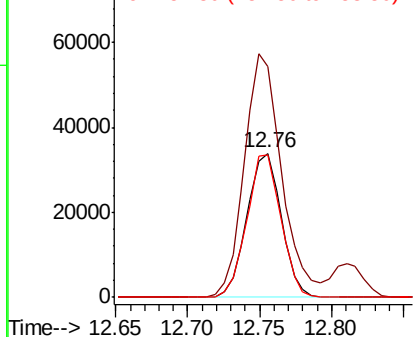


Abundance

Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.557 ug/l

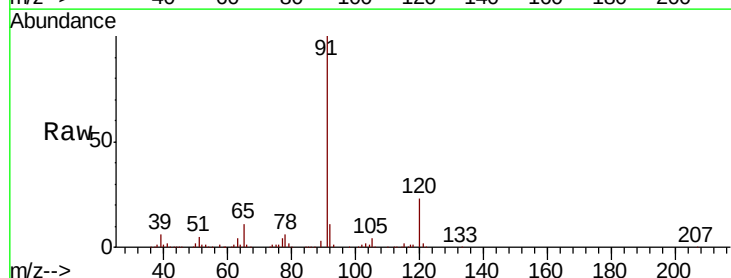
RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW005603.D

Acq: 25 Sep 2018 11:52

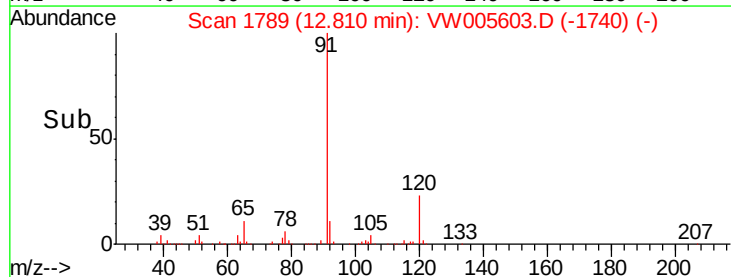
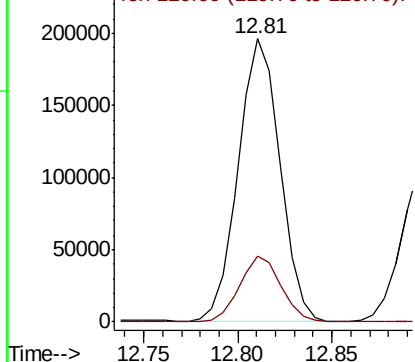
Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.1	11.2	33.5

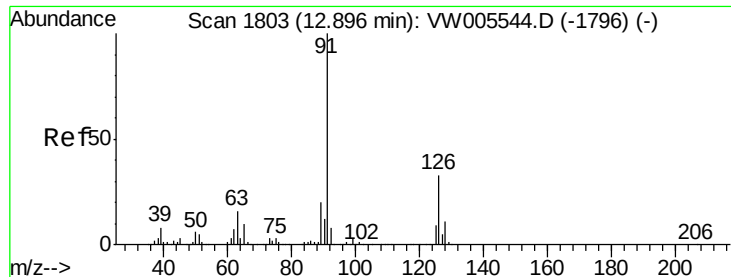


Abundance

Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.161 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW005603.D

Acq: 25 Sep 2018 11:52

Instrument :

MSVOA_W

ClientSampleId :

VW0925SBS01

Tot Ion: 91 Resp: 170604

Ion Ratio Lower Upper

91 100

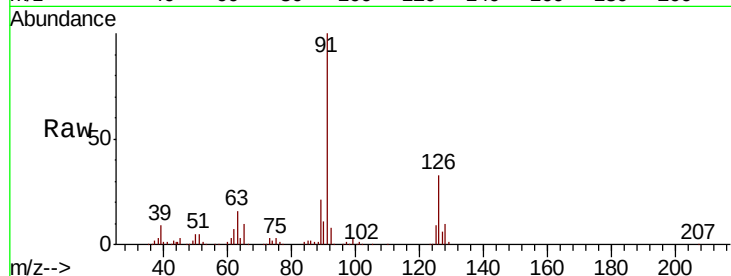
126 33.5 16.4 49.1

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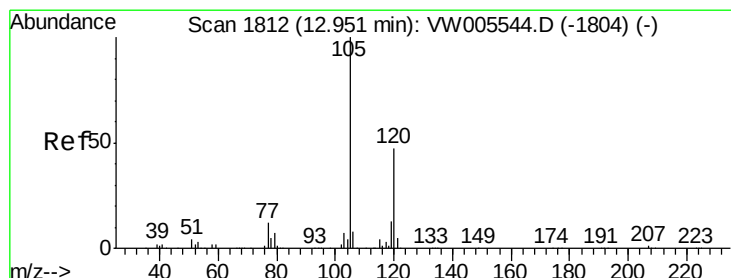
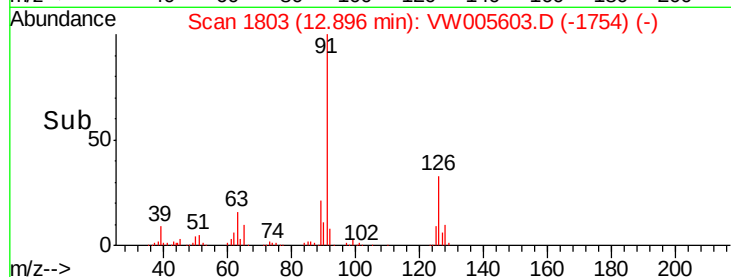
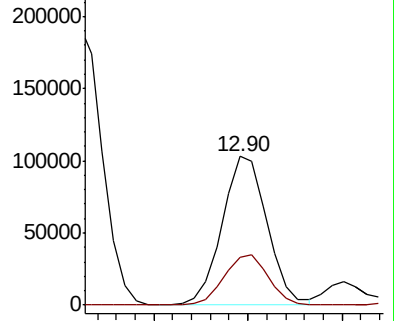
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.808 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005603.D

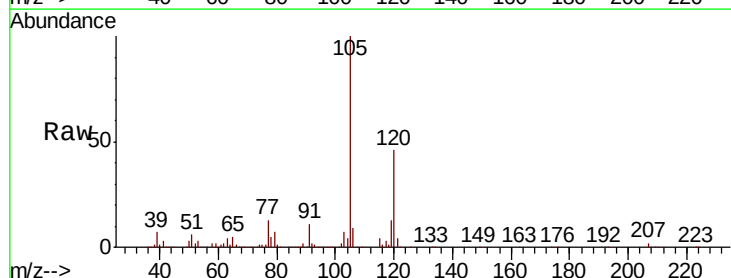
Acq: 25 Sep 2018 11:52

Tgt Ion:105 Resp: 218592

Ion Ratio Lower Upper

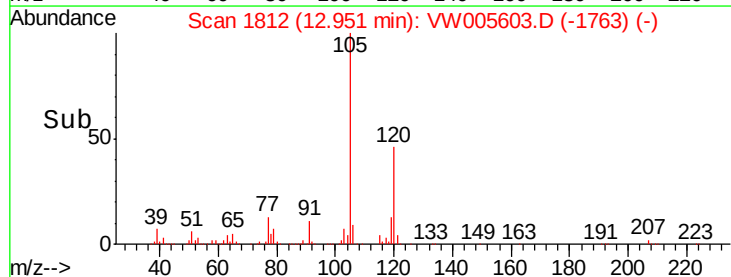
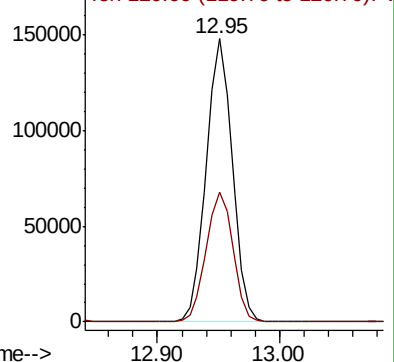
105 100

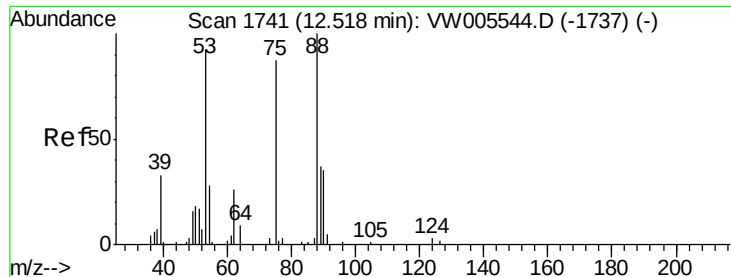
120 46.9 23.6 70.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





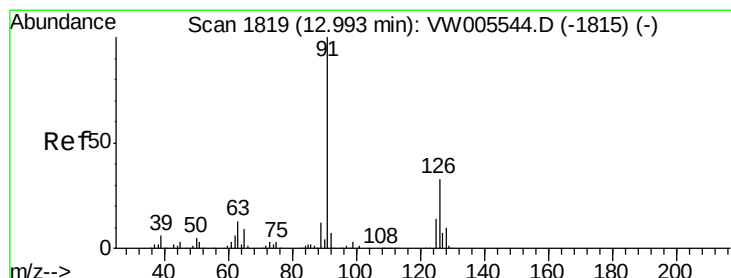
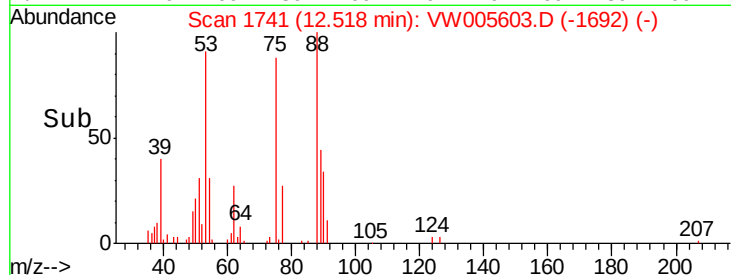
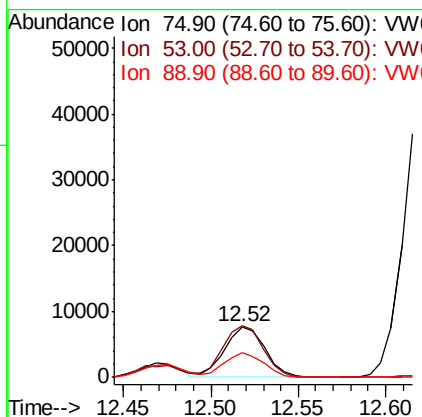
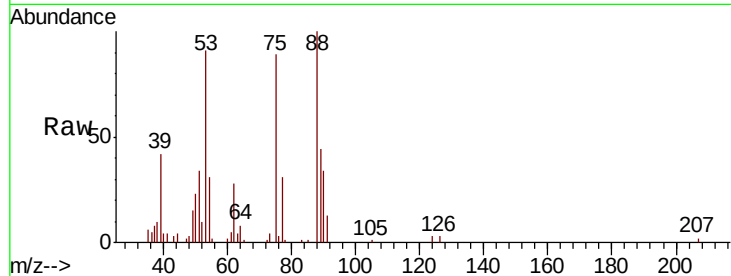
#81
trans-1,4-Dichloro-2-butene
Concen: 18.922 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW005603.D
Acq: 25 Sep 2018 11:52

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.7	85.8	128.6
89	47.2	37.3	55.9

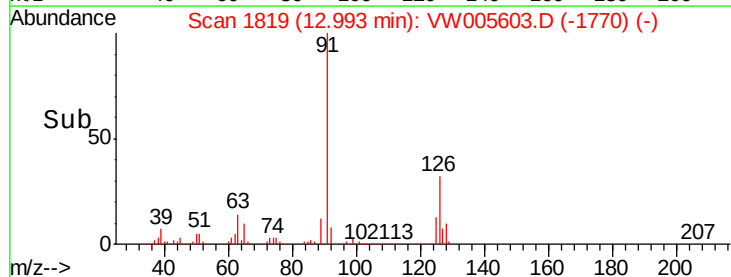
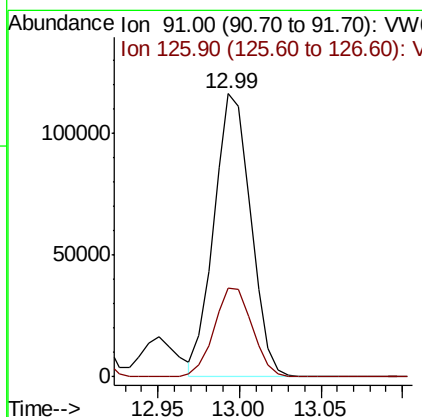
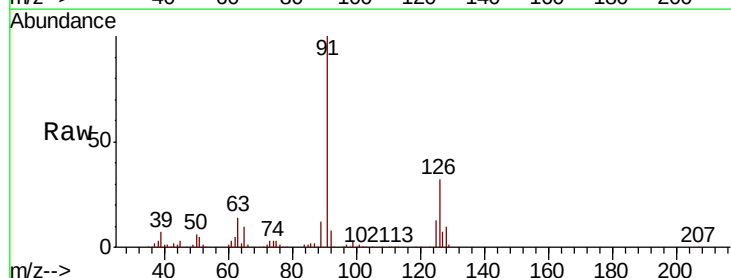
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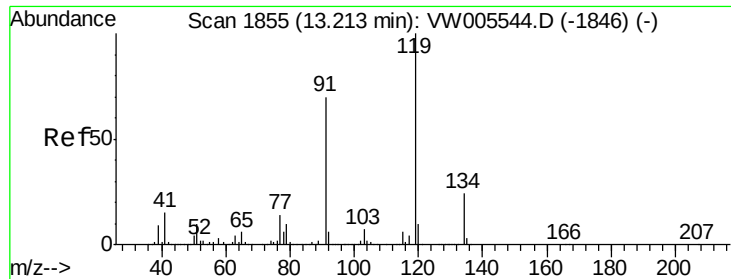
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#82
4-Chlorotoluene
Concen: 20.372 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW005603.D
Acq: 25 Sep 2018 11:52

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.8	16.4	49.4





#83

tert-Butylbenzene

Concen: 20.756 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW005603.D

Acq: 25 Sep 2018 11:52

Instrument :

MSVOA_W

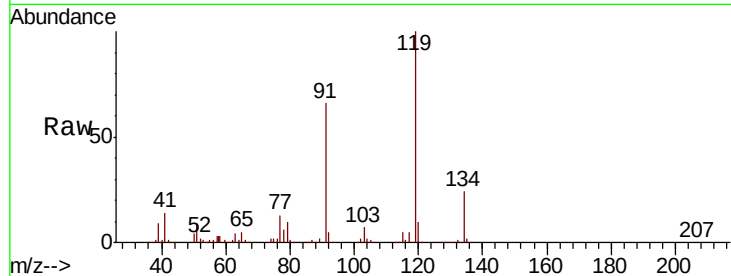
ClientSampleId :

VW0925SBS01

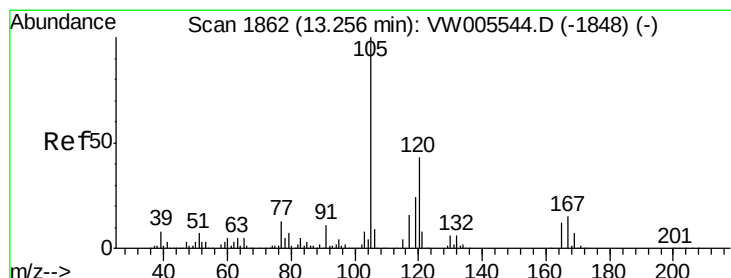
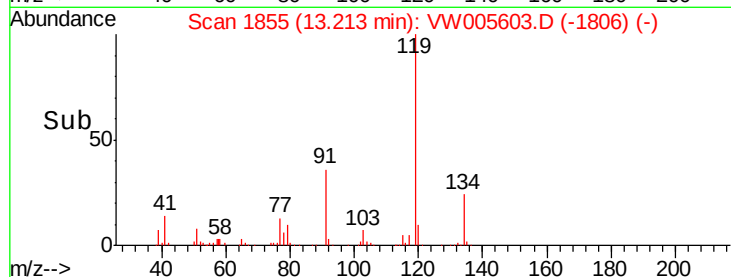
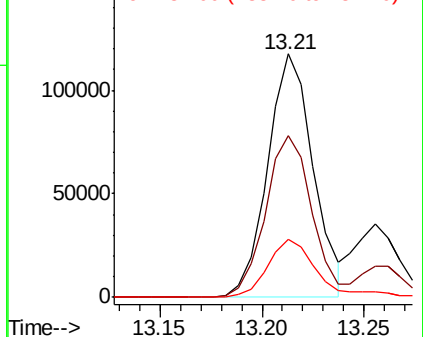
Tot Ion:	119	Resp:	183179
Ion Ratio	Lower	Upper	
119	100		
91	68.1	34.6	103.8
134	26.1	12.6	37.6

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Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 21.159 ug/l

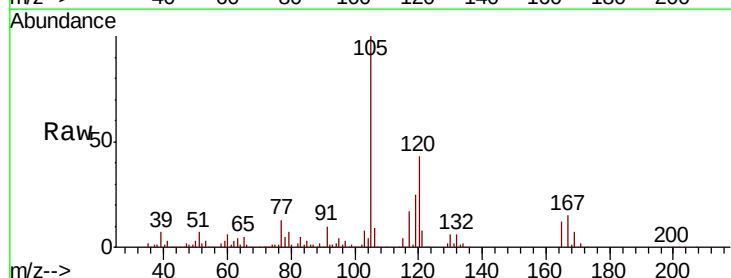
RT: 13.26 min Scan# 1862

Delta R.T. -0.00 min

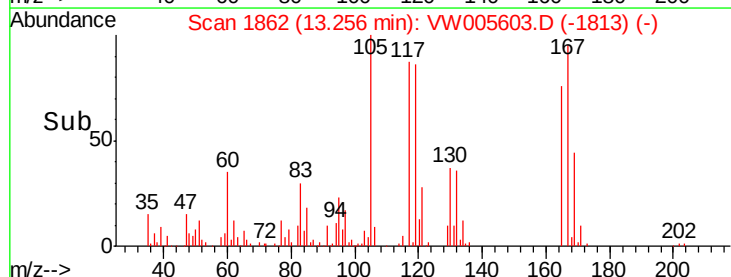
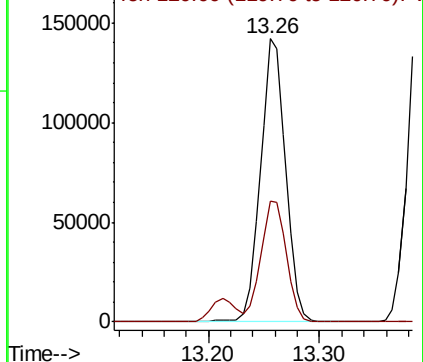
Lab File: VW005603.D

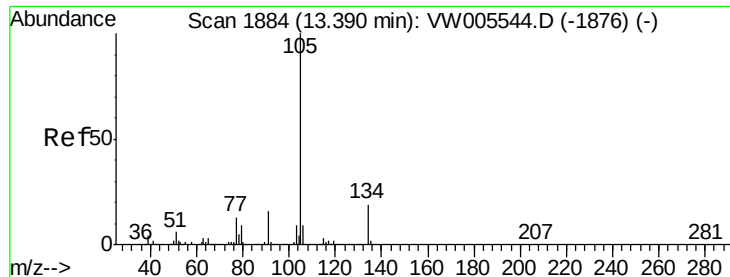
Acq: 25 Sep 2018 11:52

Tgt Ion:	105	Resp:	224306
Ion Ratio	Lower	Upper	
105	100		
120	43.4	21.5	64.5



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.946 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW005603.D

Acq: 25 Sep 2018 11:52

Instrument :

MSVOA_W

ClientSampleId :

VW0925SBS01

Tot Ion:105 Resp: 268109

Ion Ratio Lower Upper

105 100

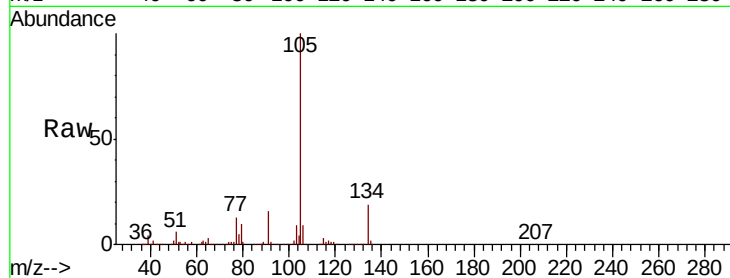
134 19.5 9.8 29.5

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.39

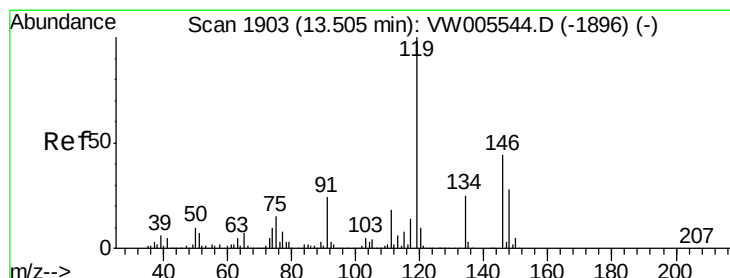
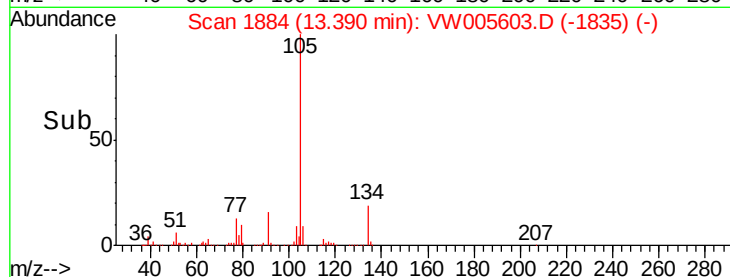
150000

100000

50000

0

Time--> 13.30 13.35 13.40 13.45



#86

p-Isopropyltoluene

Concen: 21.124 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005603.D

Acq: 25 Sep 2018 11:52

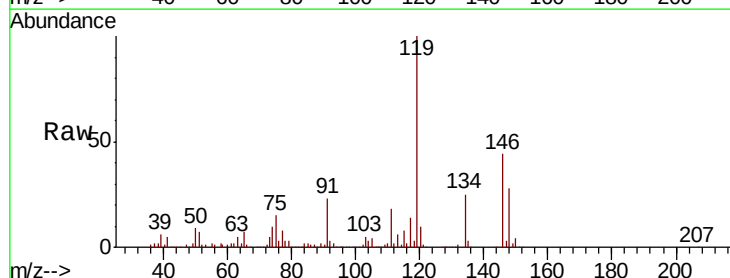
Tgt Ion:119 Resp: 242356

Ion Ratio Lower Upper

119 100

134 25.8 12.7 38.1

91 24.1 12.2 36.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.51

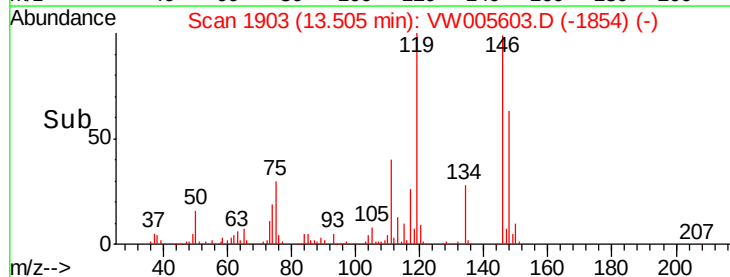
150000

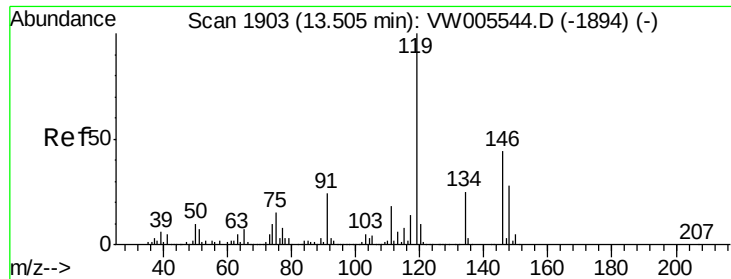
100000

50000

0

Time--> 13.40 13.50





#87

1,3-Dichlorobenzene

Concen: 20.290 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005603.D

Acq: 25 Sep 2018 11:52

Instrument :

MSVOA_W

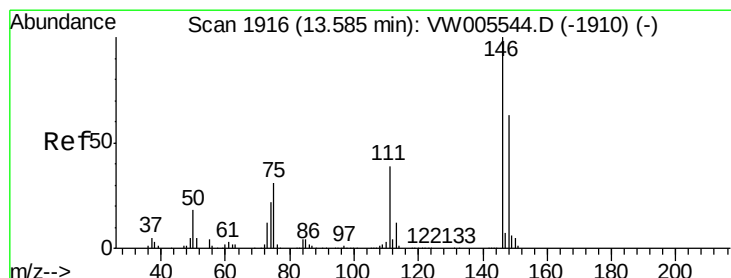
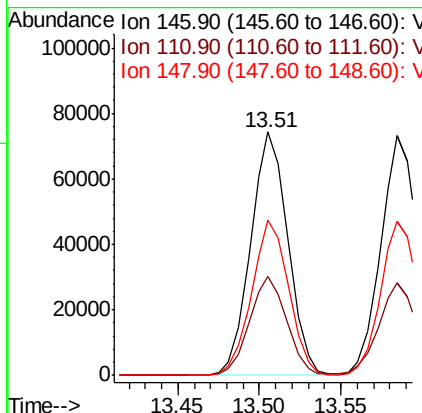
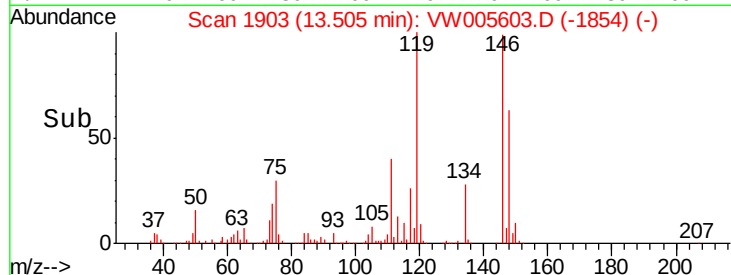
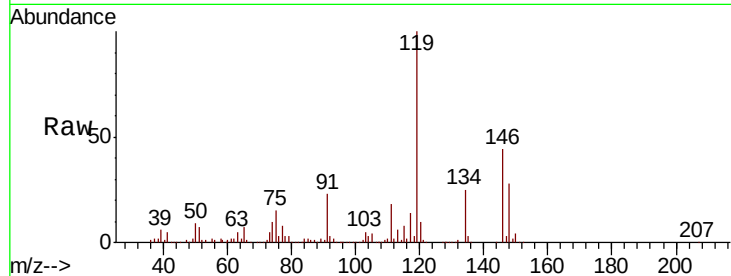
ClientSampleId :

VW0925SBS01

Tot Ion:	146	Resp:	117479
Ion Ratio	Lower	Upper	
146	100		
111	40.5	20.3	60.9
148	63.5	31.8	95.4

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#88

1,4-Dichlorobenzene

Concen: 20.097 ug/l

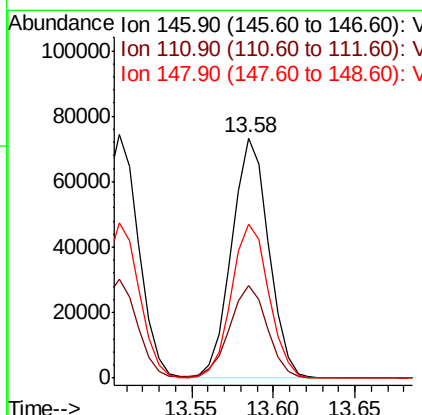
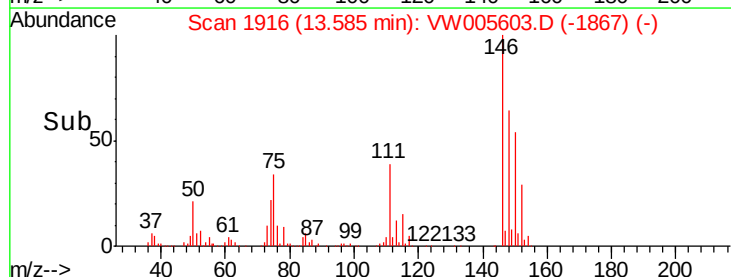
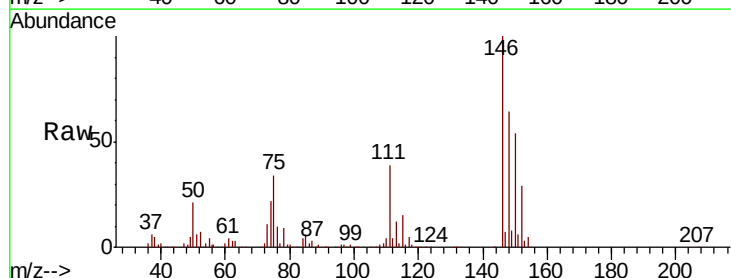
RT: 13.58 min Scan# 1916

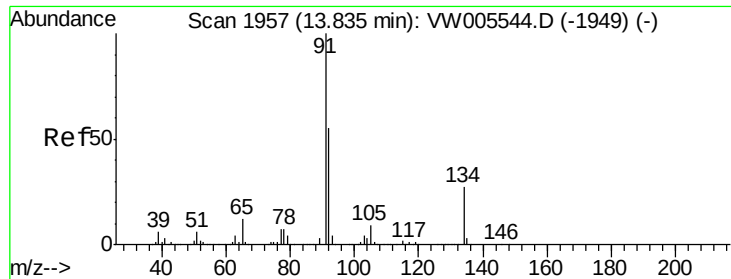
Delta R.T. -0.00 min

Lab File: VW005603.D

Acq: 25 Sep 2018 11:52

Tgt Ion:	146	Resp:	115727
Ion Ratio	Lower	Upper	
146	100		
111	39.7	19.9	59.7
148	65.3	32.1	96.3





#89

n-Butylbenzene

Concen: 20.945 ug/l

RT: 13.83 min Scan# 1957

Delta R.T. -0.00 min

Lab File: VW005603.D

Acq: 25 Sep 2018 11:52

Instrument :

MSVOA_W

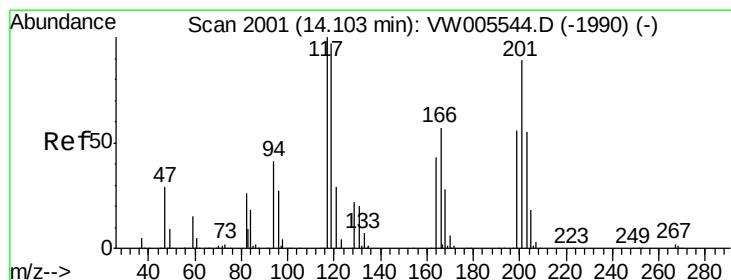
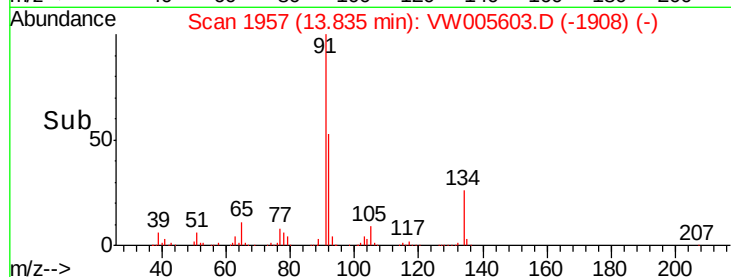
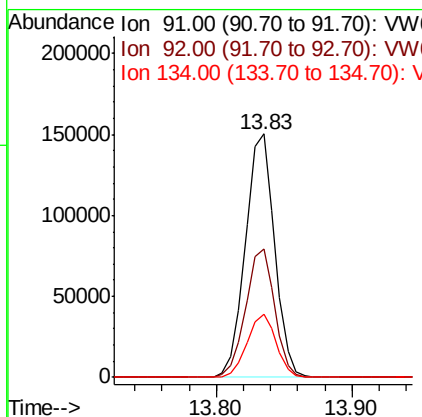
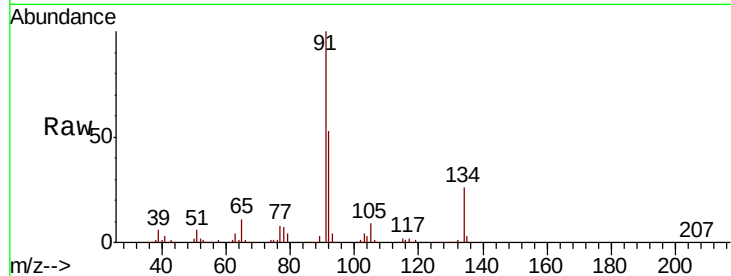
ClientSampleId :

VW0925SBS01

Tot Ion:	91	Resp:	226660
Ion Ratio	Lower	Upper	
91	100		
92	52.3	26.5	79.5
134	25.7	12.9	38.7

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#90

Hexachloroethane

Concen: 20.156 ug/l

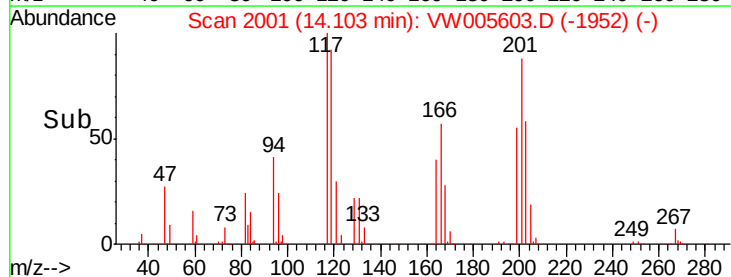
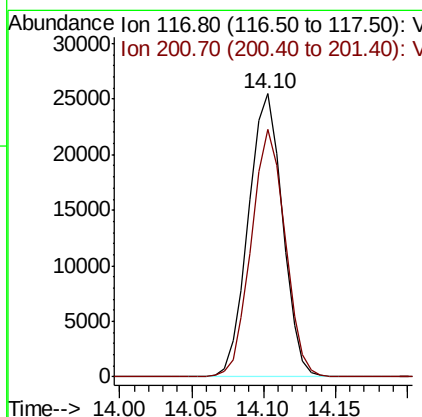
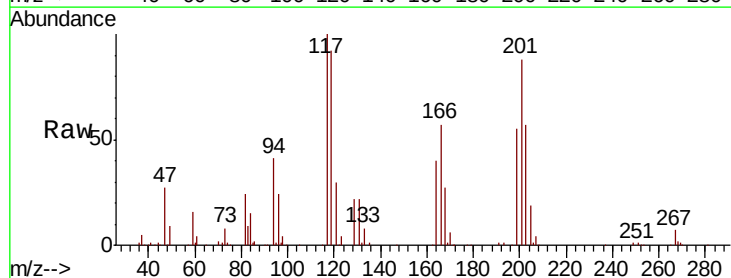
RT: 14.10 min Scan# 2001

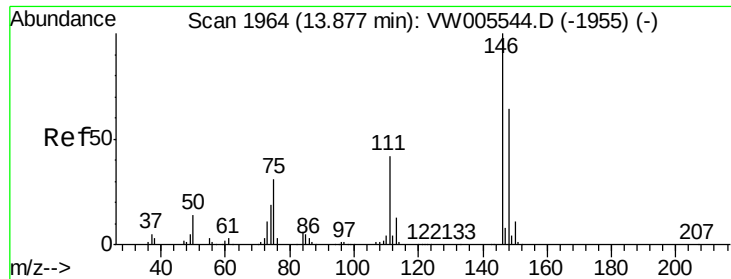
Delta R.T. -0.00 min

Lab File: VW005603.D

Acq: 25 Sep 2018 11:52

Tgt Ion:	117	Resp:	41912
Ion Ratio	Lower	Upper	
117	100		
201	86.4	42.8	128.3





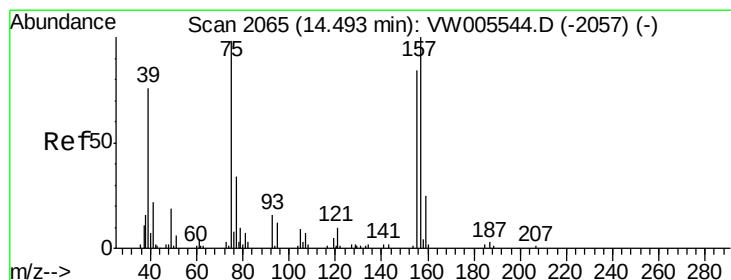
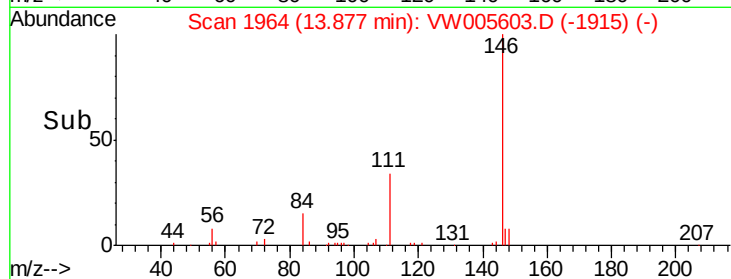
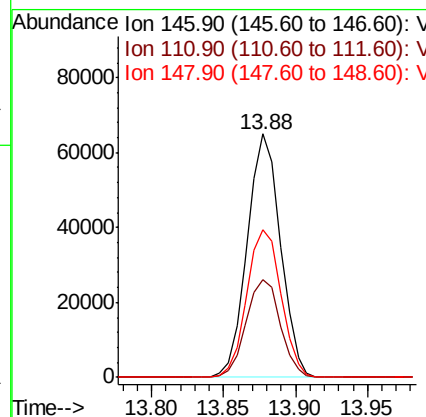
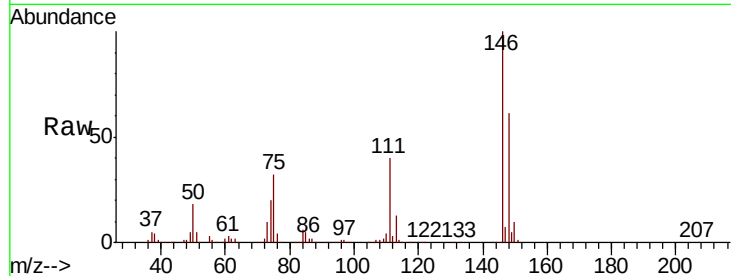
#91
 1,2-Dichlorobenzene
 Concen: 20.294 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW005603.D
 Acq: 25 Sep 2018 11:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	21.3	63.9
148	62.6	32.0	96.2

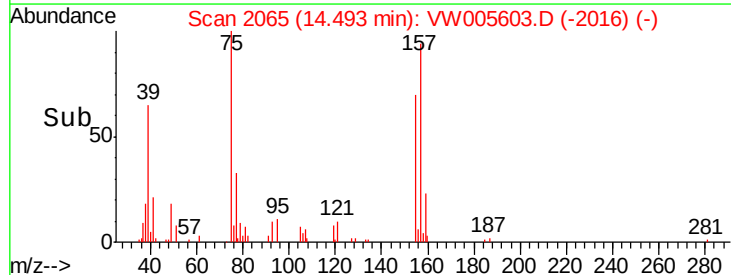
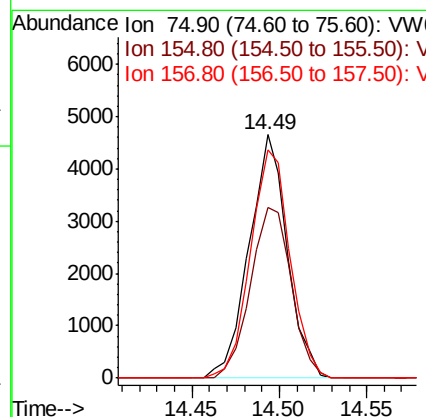
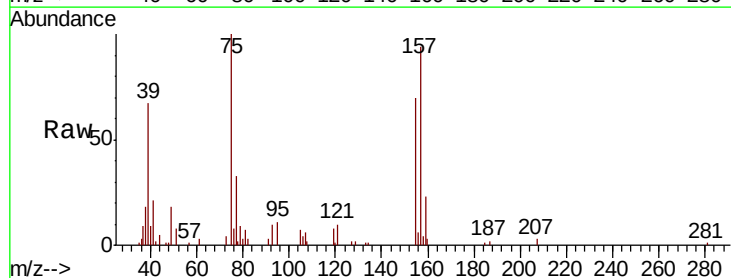
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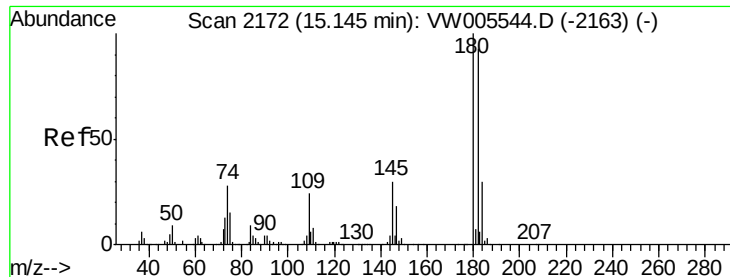
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.510 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW005603.D
 Acq: 25 Sep 2018 11:52

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.0	39.1	117.5
157	97.2	50.8	152.4





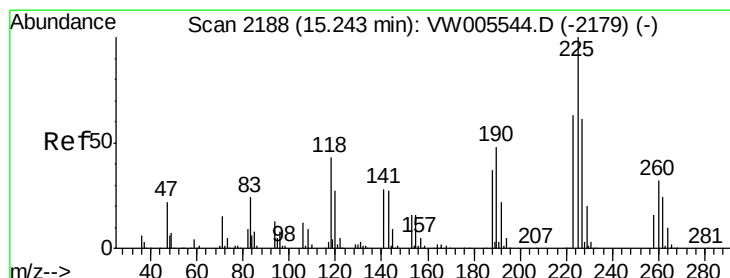
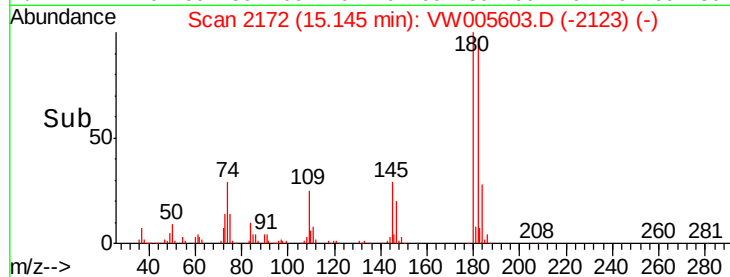
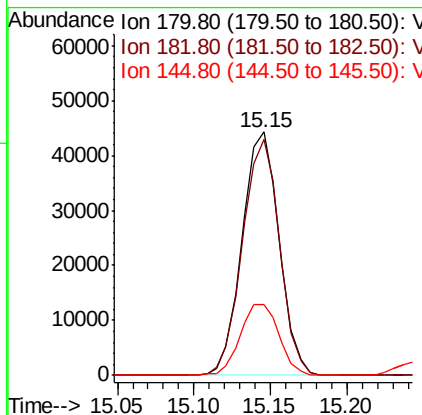
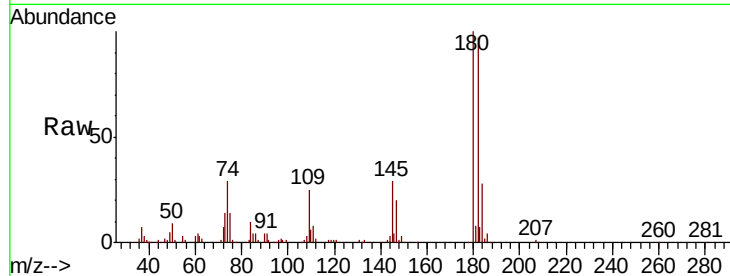
#93
 1,2,4-Trichlorobenzene
 Concen: 20.456 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: VW005603.D
 Acq: 25 Sep 2018 11:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	74583		
182	97.1		47.7	143.1
145	30.6		15.0	45.1

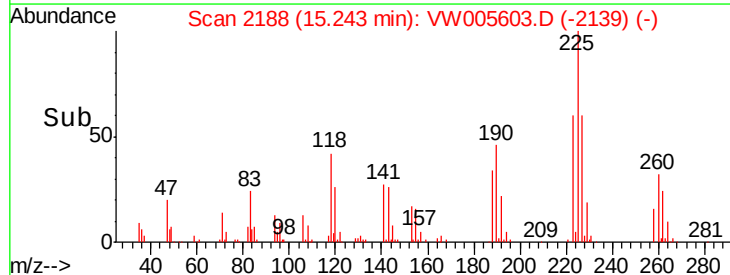
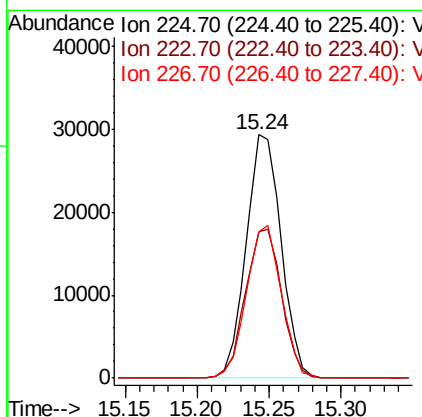
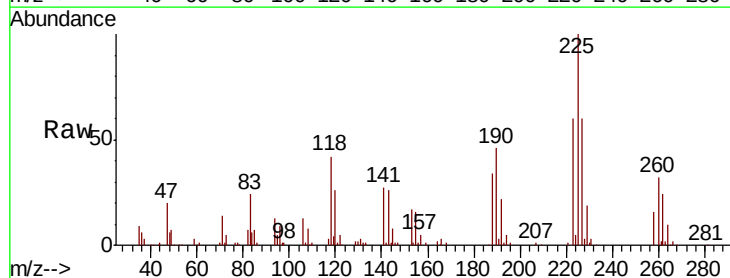
Manual Integrations
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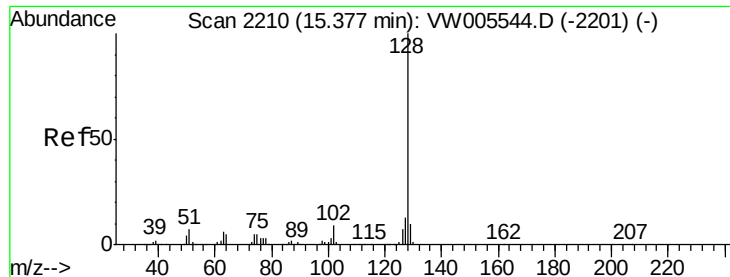
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#94
 Hexachlorobutadiene
 Concen: 20.771 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW005603.D
 Acq: 25 Sep 2018 11:52

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	49063		
223	63.4		31.1	93.3
227	62.5		31.8	95.3





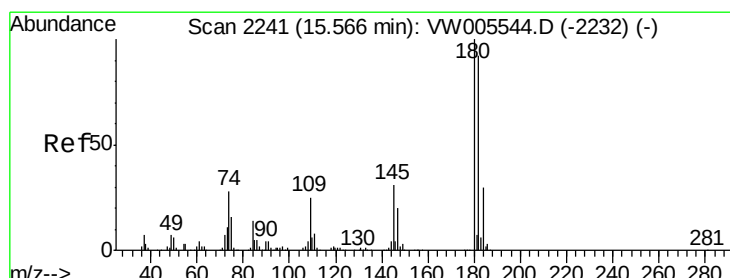
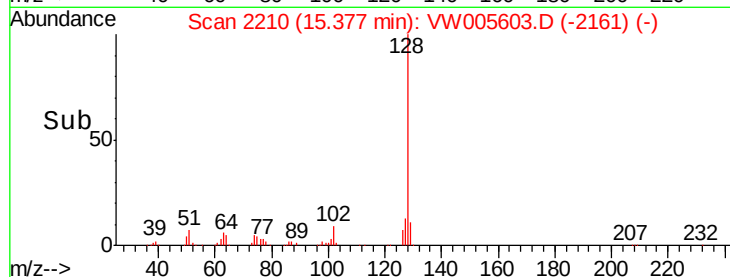
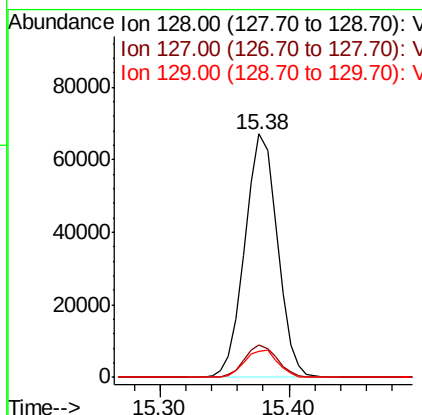
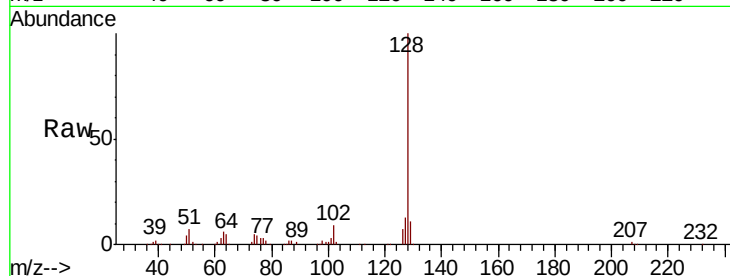
#95
Naphthalene
Concen: 19.143 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005603.D
Acq: 25 Sep 2018 11:52

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.9	16.3
129	11.3	8.6	13.0

Manual Integrations
APPROVED

apatel
9/26/2018 12:25:52 PM



#96
1,2,3-Trichlorobenzene
Concen: 19.896 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005603.D
Acq: 25 Sep 2018 11:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.2	47.3	141.9
145	32.9	16.0	47.9

