

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092718\
 Data File : VW005693.D
 Acq On : 27 Sep 2018 12:17
 Operator : VA/AP
 Sample : VW0927SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0927SBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/28/2018 11:06:22 AM

Quant Time: Sep 28 01:50:15 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	224667	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	332176	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	305047	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	168688	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	123069	46.50	ug/l	0.00
Spiked Amount			Recovery	=	93.00%	
35) Dibromofluoromethane	7.89	113	106155	50.82	ug/l	0.00
Spiked Amount			Recovery	=	101.64%	
50) Toluene-d8	10.33	98	434610	51.10	ug/l	0.00
Spiked Amount			Recovery	=	102.20%	
62) 4-Bromofluorobenzene	12.62	95	161946	51.46	ug/l	0.00
Spiked Amount			Recovery	=	102.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	30742	20.851	ug/l	94
3) Chloromethane	2.21	50	32730	18.123	ug/l	98
4) Vinyl Chloride	2.37	62	49059	22.725	ug/l	100
5) Bromomethane	2.79	94	30631	20.996	ug/l	99
6) Chloroethane	2.93	64	27693	19.992	ug/l	98
7) Trichlorofluoromethane	3.26	101	35864	21.241	ug/l	97
8) Diethyl Ether	3.68	74	22789	20.662	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	46404	21.712	ug/l	99
10) Methyl Iodide	4.27	142	69897	21.265	ug/l	98
11) Tert butyl alcohol	5.22	59	13569	97.849	ug/l #	72
12) 1,1-Dichloroethene	4.03	96	43127	21.077	ug/l	99
13) Acrolein	3.90	56	9534	91.882	ug/l	98
14) Allyl chloride	4.67	41	73238	20.509	ug/l	98
15) Acrylonitrile	5.38	53	46003	93.943	ug/l	99
16) Acetone	4.14	43	50342	115.928	ug/l	97
17) Carbon Disulfide	4.37	76	134276	21.003	ug/l	98
18) Methyl Acetate	4.68	43	22028	17.560	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	64165	20.317	ug/l	99
20) Methylene Chloride	4.91	84	56216	23.038	ug/l	94
21) trans-1,2-Dichloroethene	5.43	96	46092	20.566	ug/l	94
22) Diisopropyl ether	6.32	45	141051	20.347	ug/l	98
23) Vinyl Acetate	6.26	43	389195	98.228	ug/l	100
24) 1,1-Dichloroethane	6.22	63	87187	20.357	ug/l	99
25) 2-Butanone	7.18	43	62877	97.813	ug/l	99
26) 2,2-Dichloropropane	7.17	77	65115	21.777	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	50788	20.546	ug/l	98
28) Bromochloromethane	7.51	49	30738	18.118	ug/l	96
29) Tetrahydrofuran	7.54	42	36265	90.302	ug/l	99
30) Chloroform	7.68	83	90040	20.363	ug/l	98
31) Cyclohexane	7.96	56	83408	20.327	ug/l	93
32) 1,1,1-Trichloroethane	7.87	97	82342	21.080	ug/l	98
36) 1,1-Dichloropropene	8.09	75	71298	21.322	ug/l	98
37) Ethyl Acetate	7.27	43	25526	18.140	ug/l	96
38) Carbon Tetrachloride	8.07	117	77083	21.512	ug/l	96

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Quant Time: Sep 28 01:50:15 2018
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 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	85006	21.547	ug/l	98
40) Benzene	8.33	78	200121	21.122	ug/l	98
41) Methacrylonitrile	7.49	41	15942	19.908	ug/l	100
42) 1,2-Dichloroethane	8.40	62	61484	20.269	ug/l	99
43) Isopropyl Acetate	8.43	43	52499	18.975	ug/l	97
44) Trichloroethene	9.10	130	51533	21.250	ug/l	98
45) 1,2-Dichloropropane	9.37	63	47642	20.439	ug/l	98
46) Dibromomethane	9.46	93	23301	20.007	ug/l	98
47) Bromodichloromethane	9.65	83	62689	20.038	ug/l	99
48) Methyl methacrylate	9.44	41	25077	19.083	ug/l	98
49) 1,4-Dioxane	9.48	88	7268	392.522	ug/l #	94
51) 4-Methyl-2-Pentanone	10.21	43	129811	93.157	ug/l	100
52) Toluene	10.39	92	127083	21.497	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	63696	20.309	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	73476	20.909	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	34266	20.728	ug/l	98
56) Ethyl methacrylate	10.65	69	40924	20.053	ug/l	97
57) 1,3-Dichloropropane	10.94	76	59433	20.285	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	91046	98.419	ug/l	98
59) 2-Hexanone	10.98	43	96643	102.093	ug/l	98
60) Dibromochloromethane	11.13	129	41402	20.727	ug/l	99
61) 1,2-Dibromoethane	11.24	107	30821	19.996	ug/l	98
64) Tetrachloroethene	10.87	164	45679	21.098	ug/l	98
65) Chlorobenzene	11.66	112	138114	21.328	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	48629	20.865	ug/l	97
67) Ethyl Benzene	11.74	91	245453	21.354	ug/l	99
68) m/p-Xylenes	11.85	106	188522	43.411	ug/l	100
69) o-Xylene	12.17	106	86328	21.226	ug/l	100
70) Styrene	12.19	104	145034	21.190	ug/l	99
71) Bromoform	12.35	173	24727	19.987	ug/l #	99
73) Isopropylbenzene	12.47	105	251414	21.492	ug/l	99
74) N-amyl acetate	12.28	43	49740	18.778	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	38313	19.718	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	27559m	19.165	ug/l	
77) Bromobenzene	12.75	156	56841	20.731	ug/l	97
78) n-propylbenzene	12.81	91	305217	21.551	ug/l	99
79) 2-Chlorotoluene	12.90	91	174008	21.236	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	220720	21.699	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	12277	19.230	ug/l	96
82) 4-Chlorotoluene	12.99	91	184147	21.270	ug/l	99
83) tert-Butylbenzene	13.21	119	185302	21.684	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	224311	21.852	ug/l	99
85) sec-Butylbenzene	13.39	105	271616	21.915	ug/l	100
86) p-Isopropyltoluene	13.51	119	243019	21.876	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	118994	21.225	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	118207	21.200	ug/l	100
89) n-Butylbenzene	13.83	91	232130	22.153	ug/l	98
90) Hexachloroethane	14.10	117	42598	21.156	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	104288	21.072	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6869	18.555	ug/l	97

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ClientSampleId :
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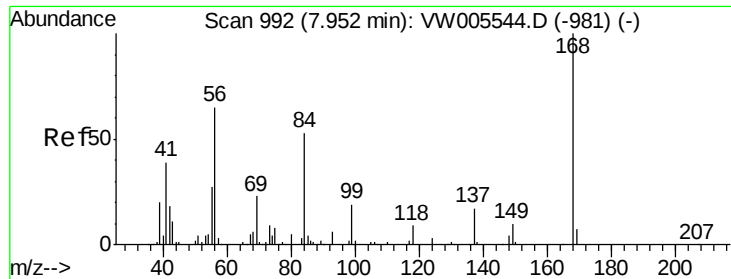
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	76468	21.659	ug/l	99
94) Hexachlorobutadiene	15.25	225	49796	21.771	ug/l	99
95) Naphthalene	15.38	128	120229	20.246	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	66508	21.376	ug/l	100

(#) = 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: VW005693.D

Acq: 27 Sep 2018 12:17

Instrument :

MSVOA_W

ClientSampleId :

VW0927SBSD01

Tot Ion:168 Resp: 224667

Ion Ratio Lower Upper

168 100

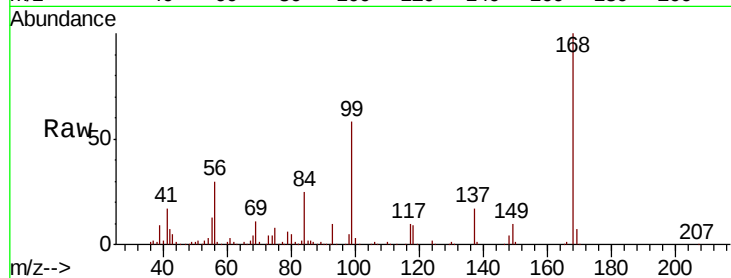
99 58.4 48.4 72.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

60000

40000

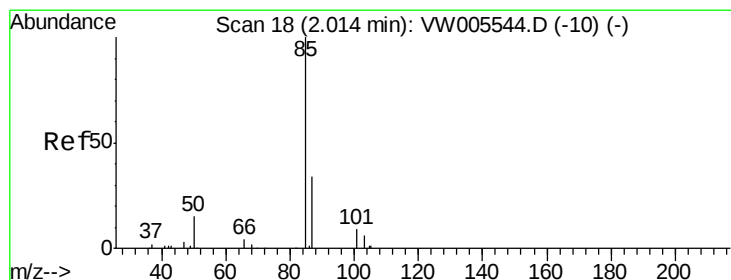
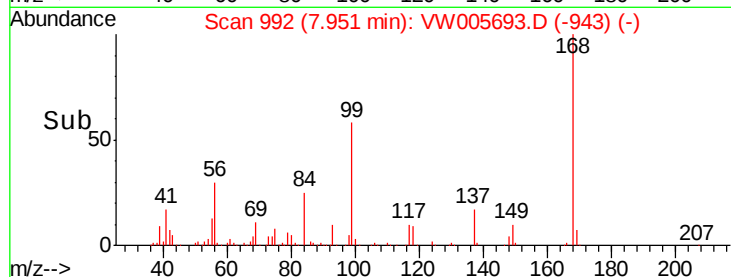
20000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 20.851 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW005693.D

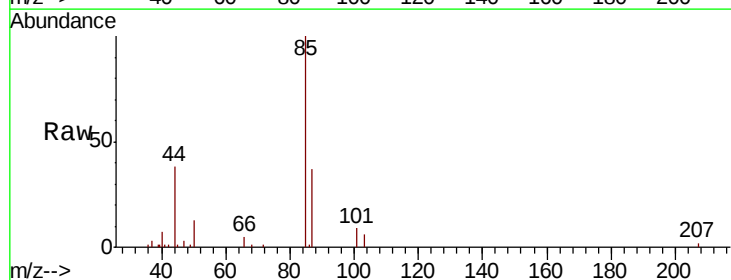
Acq: 27 Sep 2018 12:17

Tgt Ion: 85 Resp: 30742

Ion Ratio Lower Upper

85 100

87 37.4 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

8000

6000

4000

2000

0

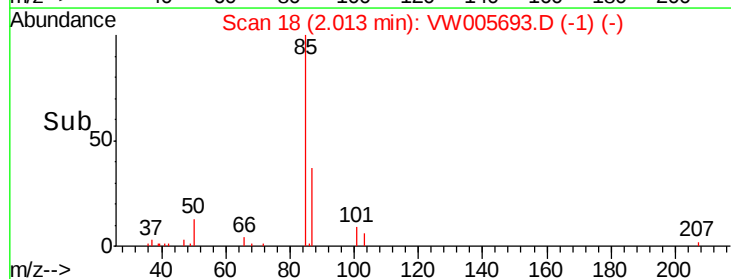
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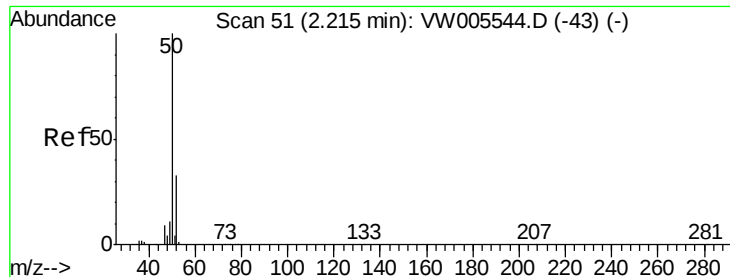
2.00

2.10

2.20

Time-->





#3

Chloromethane

Concen: 18.123 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW005693.D

Acq: 27 Sep 2018 12:17

Instrument :

MSVOA_W

ClientSampleId :

VW0927SBSD01

Tot Ion: 50 Resp: 32730

Ion Ratio Lower Upper

50 100

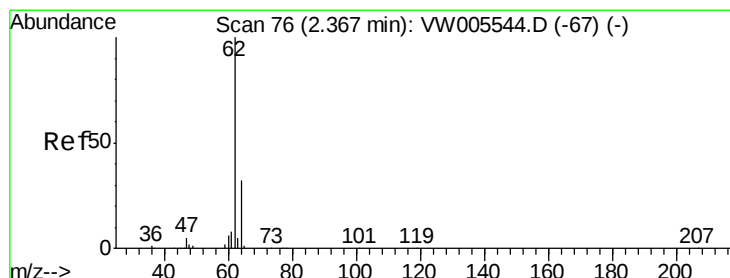
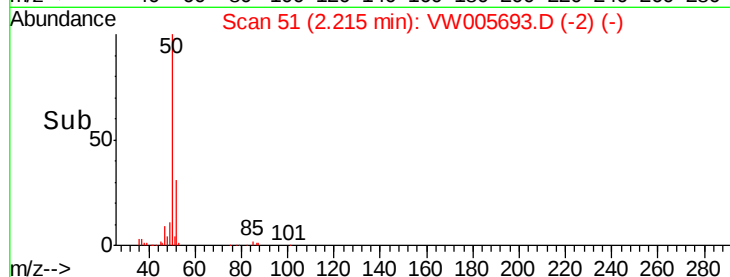
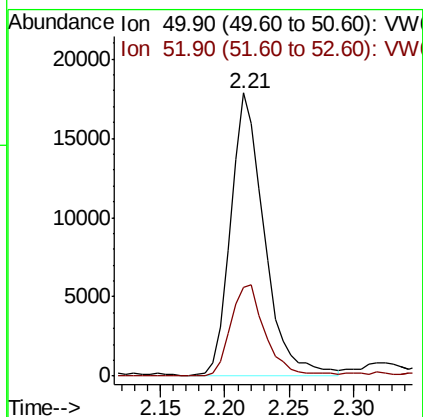
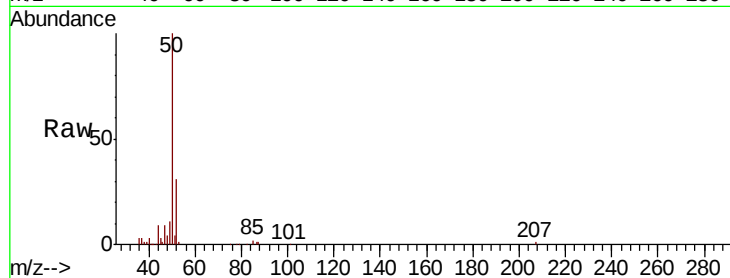
52 31.5 26.2 39.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 22.725 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW005693.D

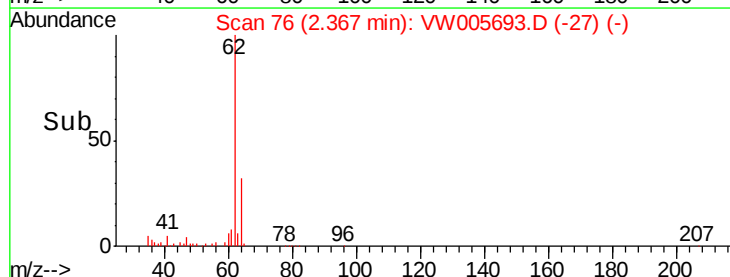
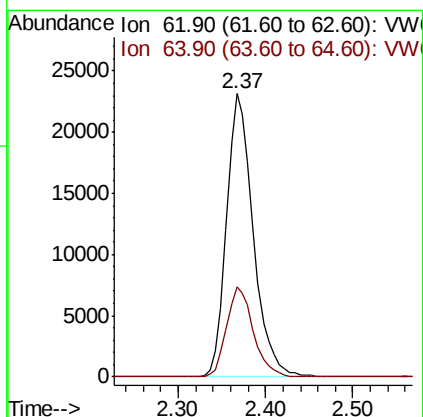
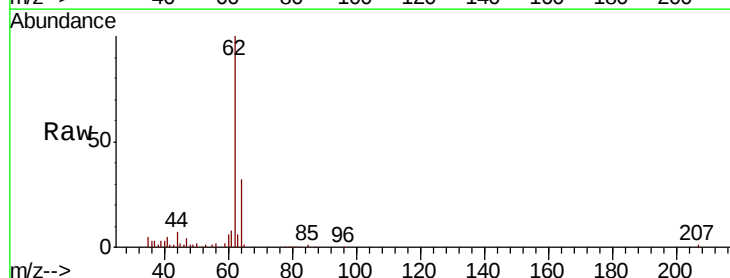
Acq: 27 Sep 2018 12:17

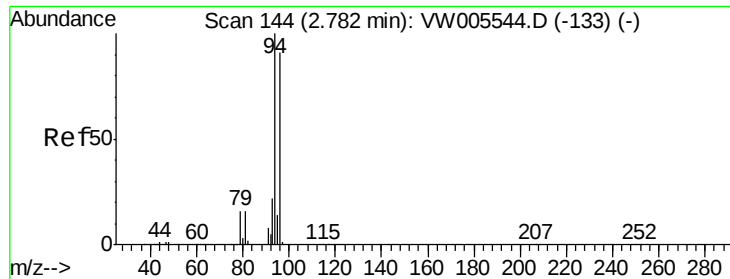
Tgt Ion: 62 Resp: 49059

Ion Ratio Lower Upper

62 100

64 32.0 25.7 38.5





#5

Bromomethane

Concen: 20.996 ug/l

RT: 2.79 min Scan# 145

Delta R.T. 0.01 min

Lab File: VW005693.D

Acq: 27 Sep 2018 12:17

Instrument :

MSVOA_W

ClientSampleId :

VW0927SBSD01

Tot Ion: 94 Resp: 30631

Ion Ratio Lower Upper

94 100

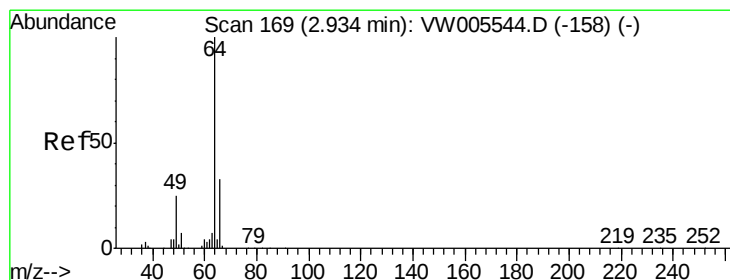
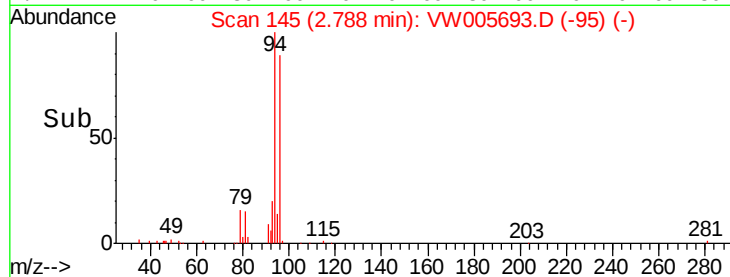
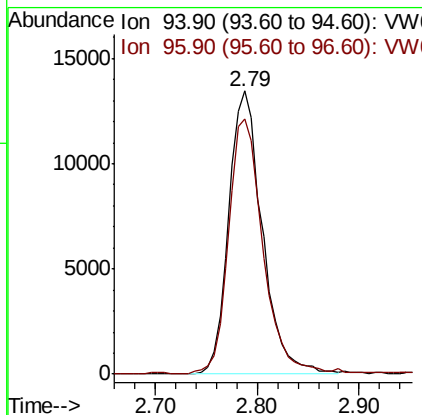
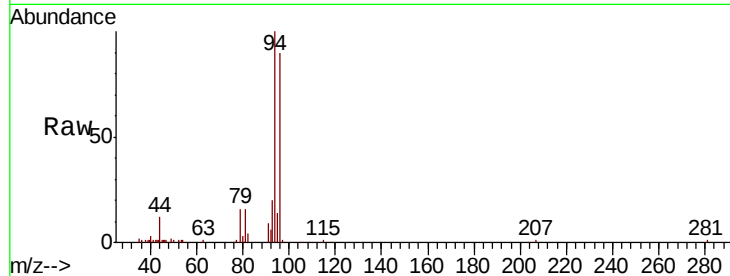
96 90.2 73.1 109.7

Manual Integrations

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#6

Chloroethane

Concen: 19.992 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW005693.D

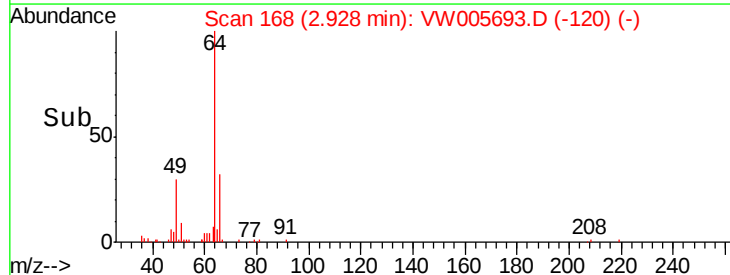
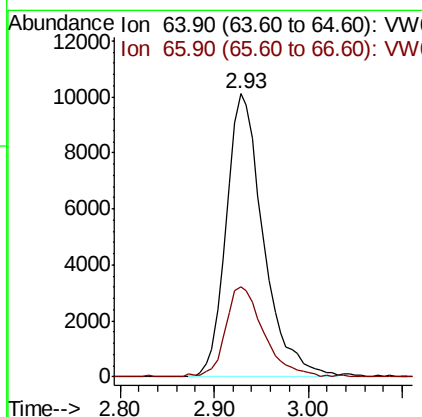
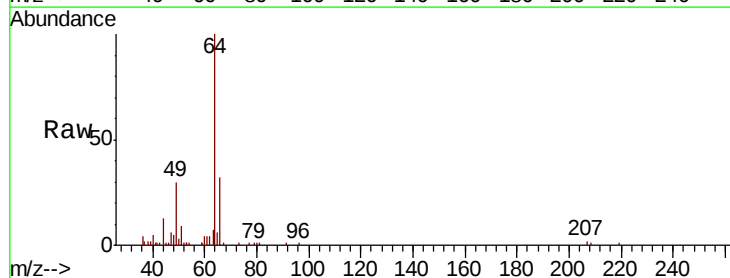
Acq: 27 Sep 2018 12:17

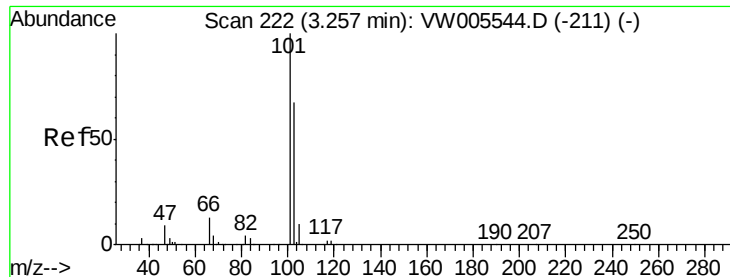
Tgt Ion: 64 Resp: 27693

Ion Ratio Lower Upper

64 100

66 31.3 26.0 39.0





#7

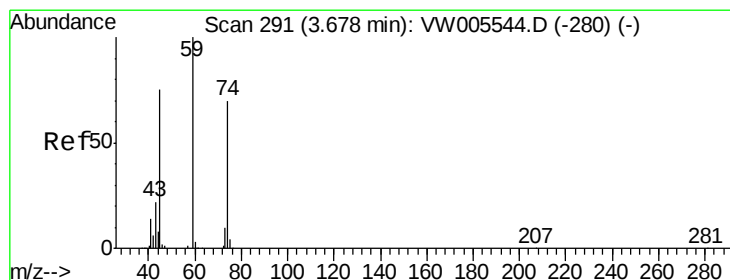
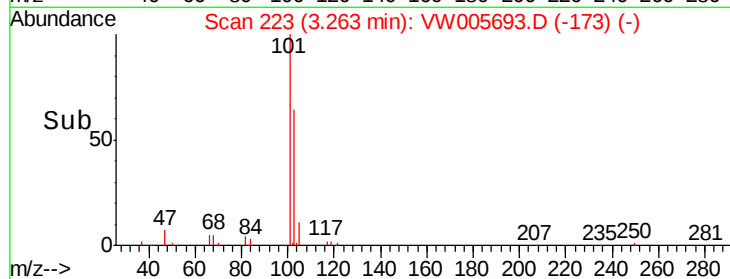
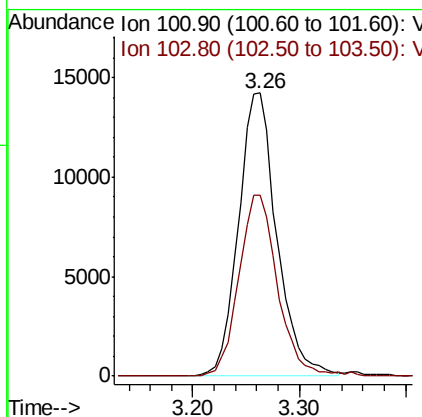
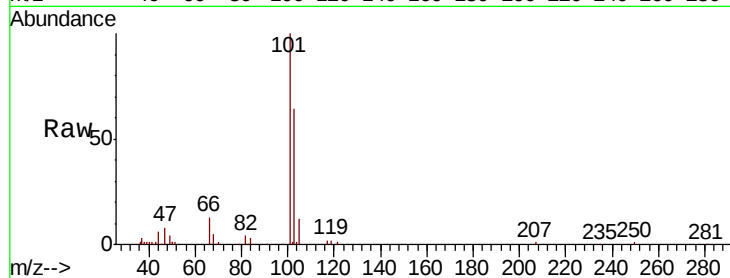
Trichlorofluoromethane
 Concen: 21.241 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.01 min
 Lab File: VW005693.D
 Acq: 27 Sep 2018 12:17

Instrument :
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 ClientSampleId :
 VW0927SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.8	53.2	79.8

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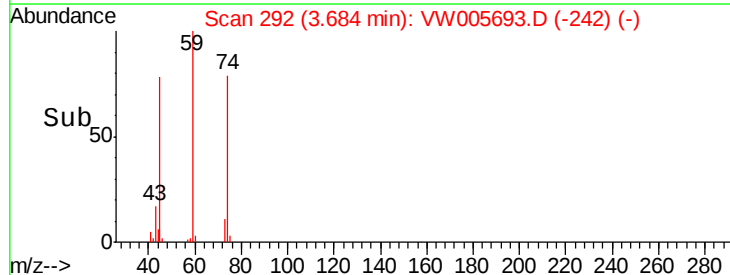
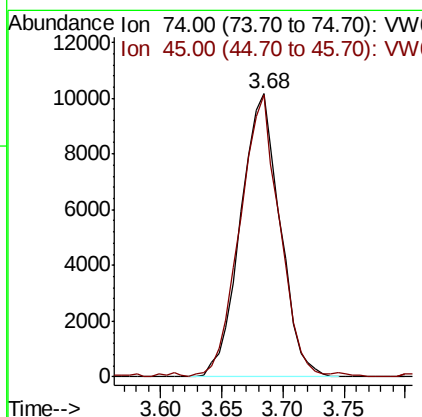
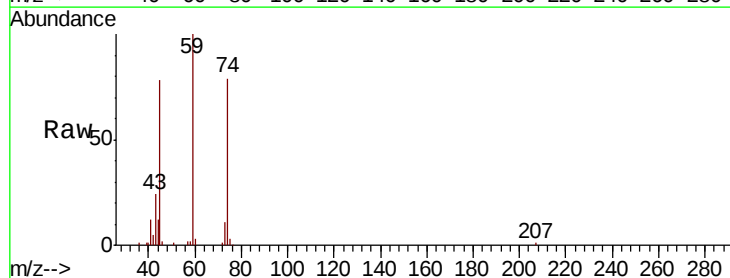
MMDadoda
 9/28/2018 11:06:22 AM

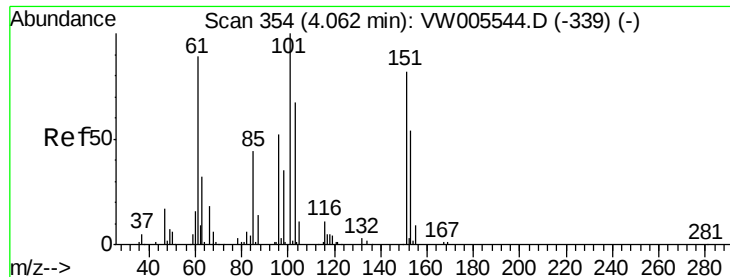


#8

Diethyl Ether
 Concen: 20.662 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.01 min
 Lab File: VW005693.D
 Acq: 27 Sep 2018 12:17

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.7	51.7	155.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.712 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW005693.D

Acq: 27 Sep 2018 12:17

Instrument :

MSVOA_W

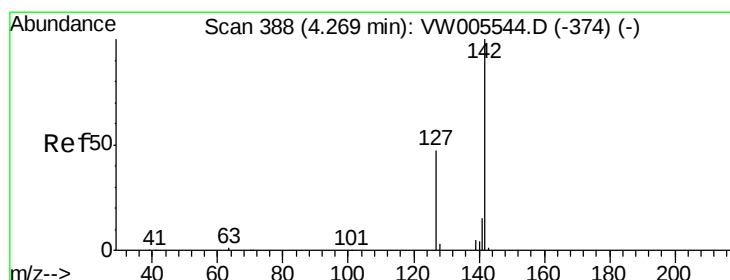
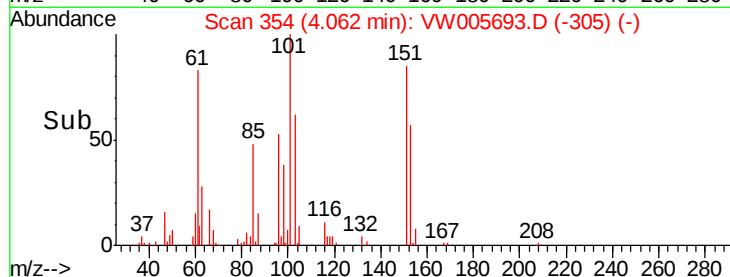
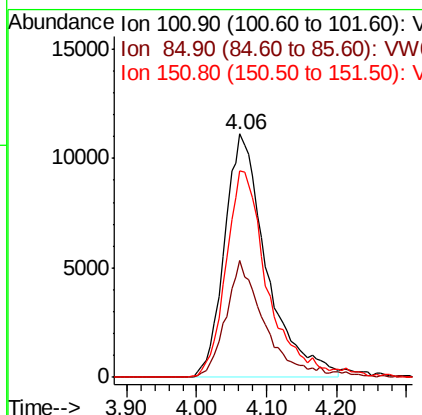
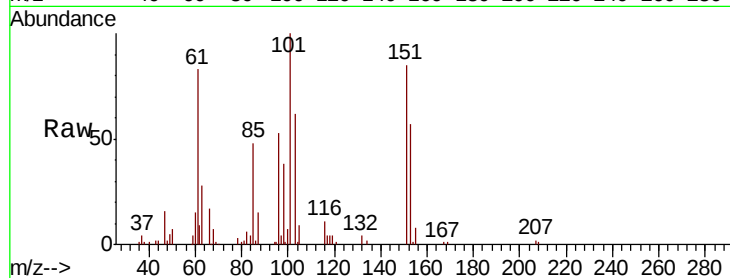
ClientSampleId :

VW0927SBS01

Tot Ion:	101	Resp:	46404
Ion Ratio	Lower	Upper	
101	100		
85	43.9	36.4	54.6
151	83.1	65.8	98.6

Manual Integrations
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#10

Methyl Iodide

Concen: 21.265 ug/l

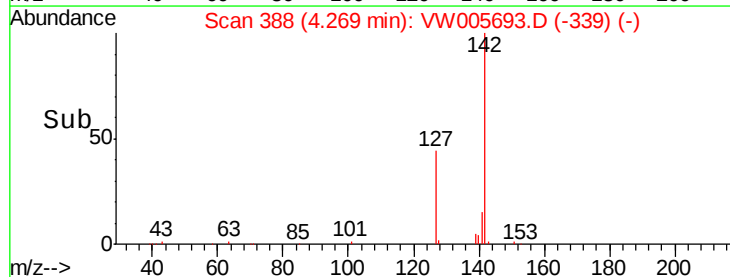
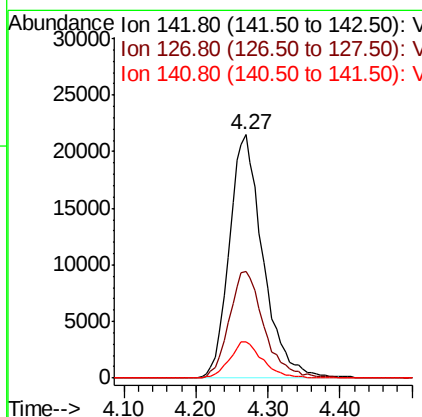
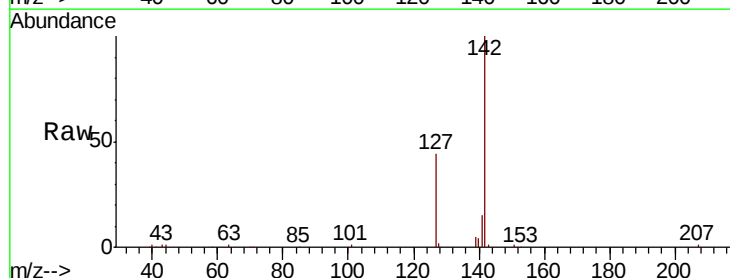
RT: 4.27 min Scan# 388

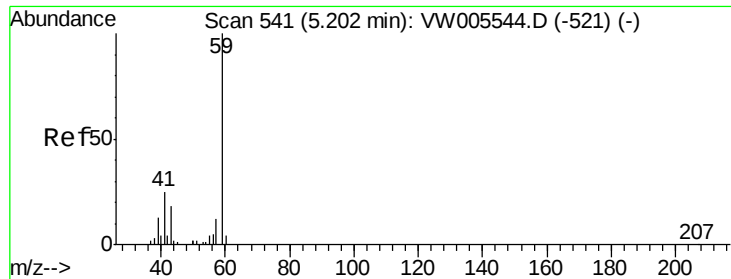
Delta R.T. -0.00 min

Lab File: VW005693.D

Acq: 27 Sep 2018 12:17

Tgt Ion:	142	Resp:	69897
Ion Ratio	Lower	Upper	
142	100		
127	45.4	37.4	56.0
141	14.7	11.9	17.9





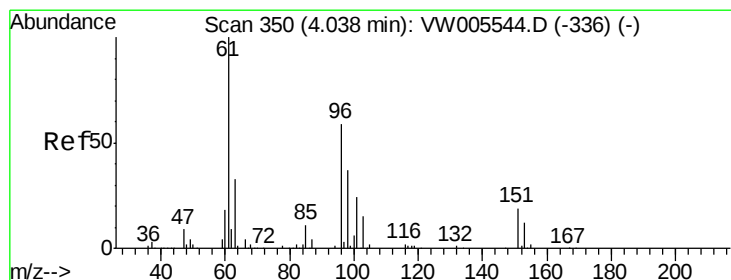
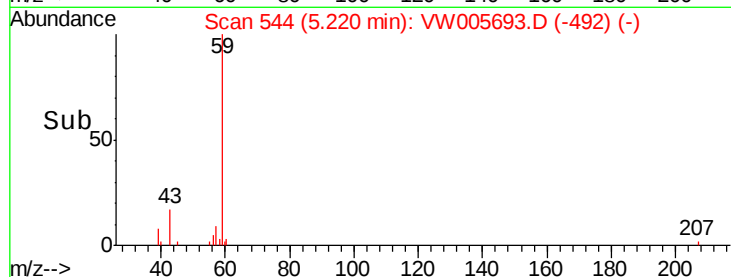
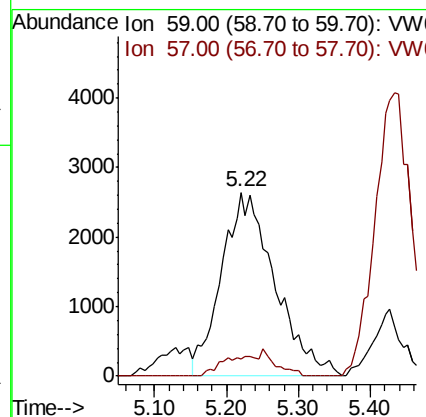
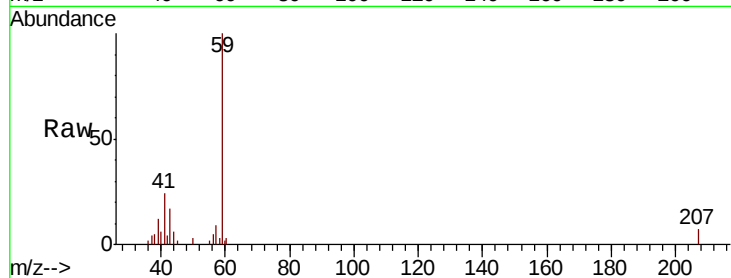
#11
Tert butyl alcohol
Concen: 97.849 ug/l
RT: 5.22 min Scan# 544
Delta R.T. 0.02 min
Lab File: VW005693.D
Acq: 27 Sep 2018 12:17

Instrument :
MSVOA_W
ClientSampleId :
VW0927SBSD01

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

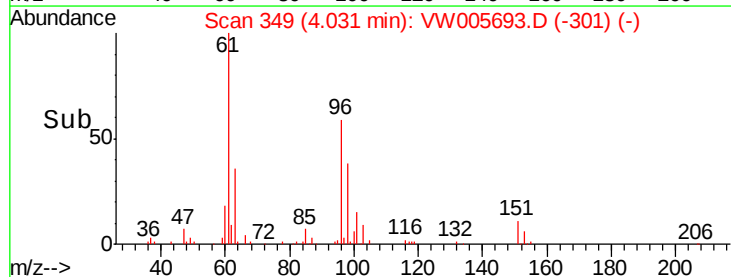
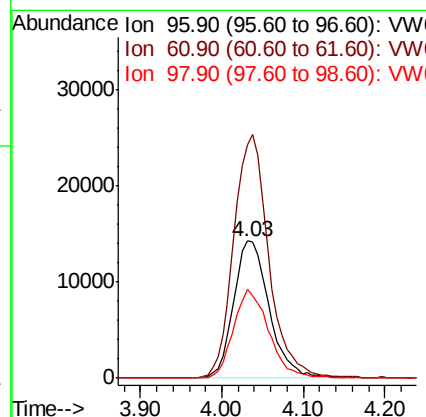
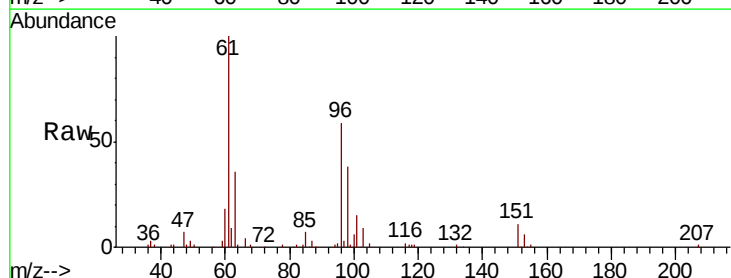
Manual Integrations
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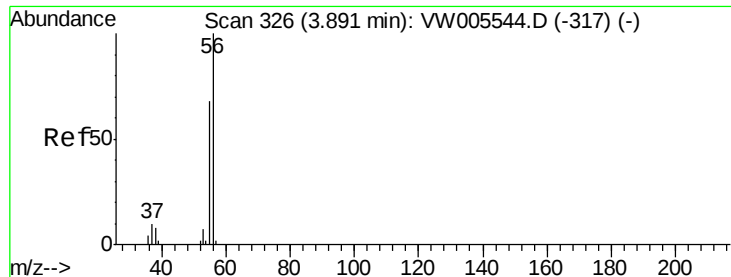
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#12
1,1-Dichloroethene
Concen: 21.077 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW005693.D
Acq: 27 Sep 2018 12:17

Tgt Ion	Ratio	Lower	Upper
96	100		
61	170.8	135.0	202.6
98	64.4	50.6	76.0





#13

Acrolein

Concen: 91.882 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.01 min

Lab File: VW005693.D

Acq: 27 Sep 2018 12:17

Instrument :

MSVOA_W

ClientSampleId :

VW0927SBSD01

Tot Ion: 56 Resp: 9534

Ion Ratio Lower Upper

56 100

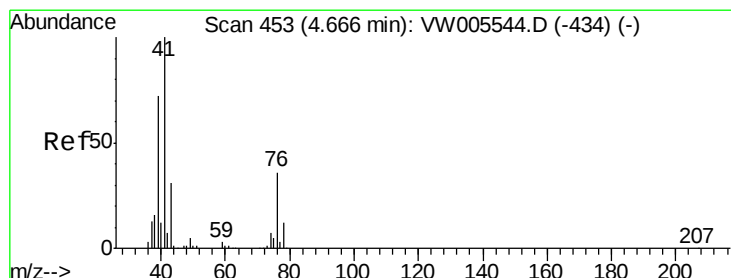
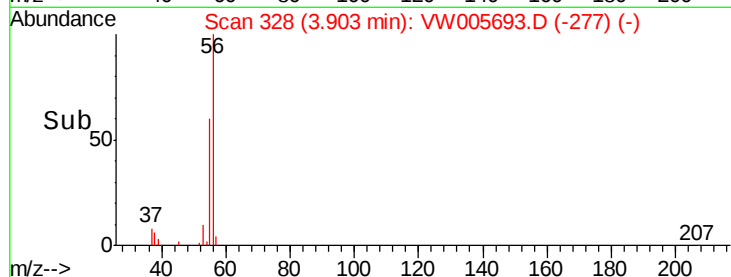
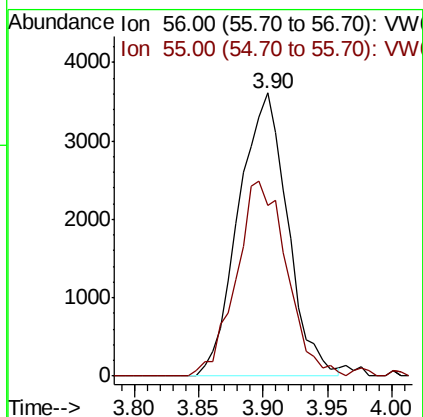
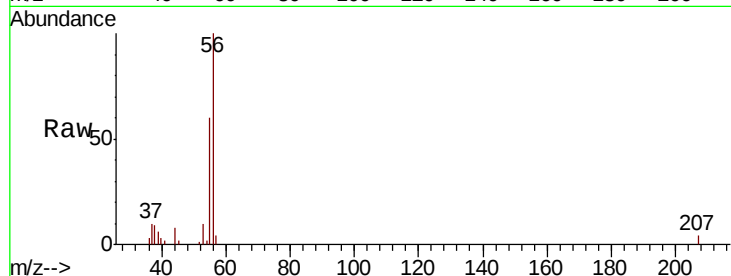
55 70.9 57.8 86.8

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#14

Allyl chloride

Concen: 20.509 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW005693.D

Acq: 27 Sep 2018 12:17

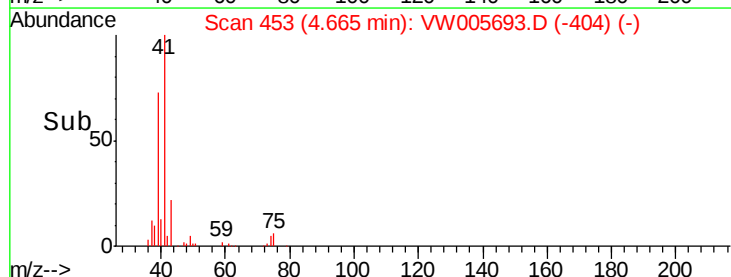
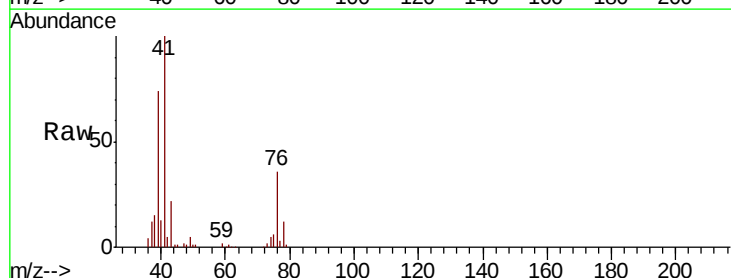
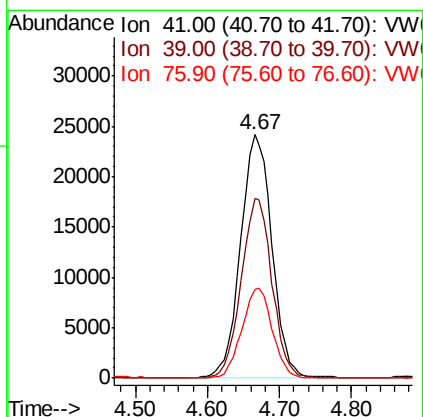
Tgt Ion: 41 Resp: 73238

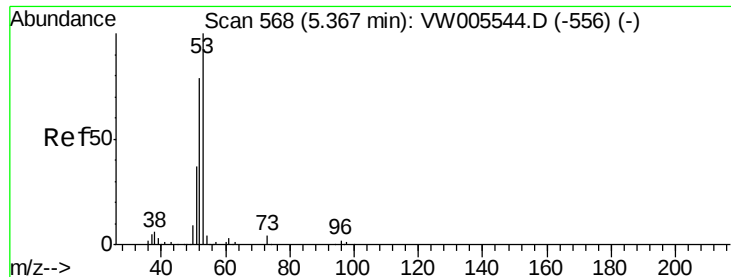
Ion Ratio Lower Upper

41 100

39 72.1 59.6 89.4

76 35.3 27.7 41.5





#15

Acrylonitrile

Concen: 93.943 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.01 min

Lab File: VW005693.D

Acq: 27 Sep 2018 12:17

Instrument :

MSVOA_W

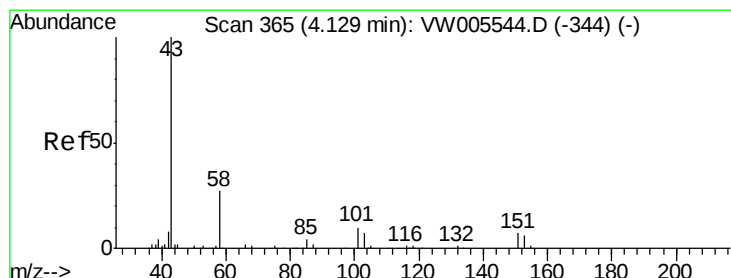
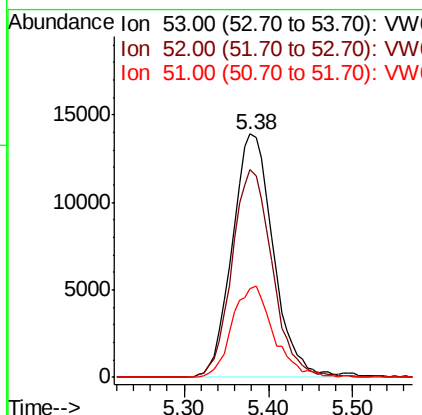
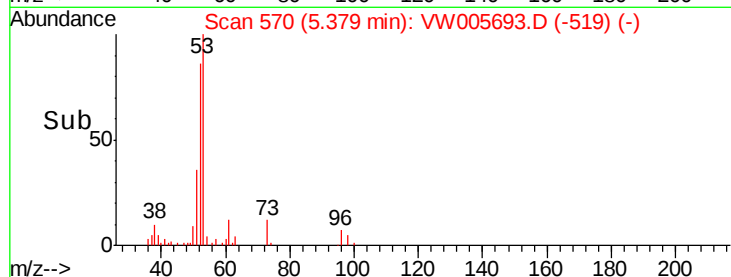
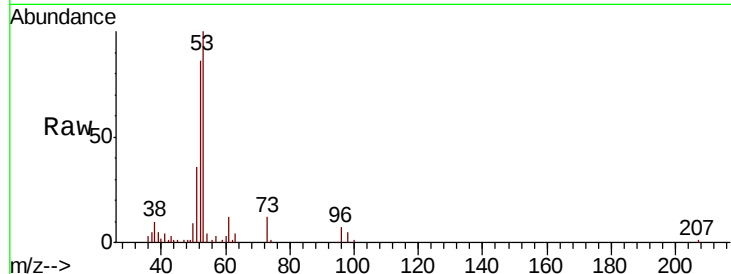
ClientSampleId :

VW0927SBS01

Tot Ion:	53	Resp:	46003
Ion Ratio	Lower	Upper	
53	100		
52	83.7	66.5	99.7
51	38.0	30.6	46.0

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#16

Acetone

Concen: 115.928 ug/l

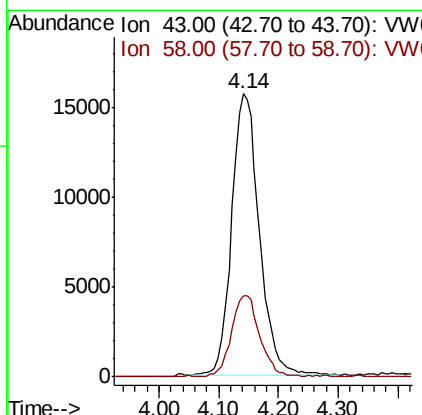
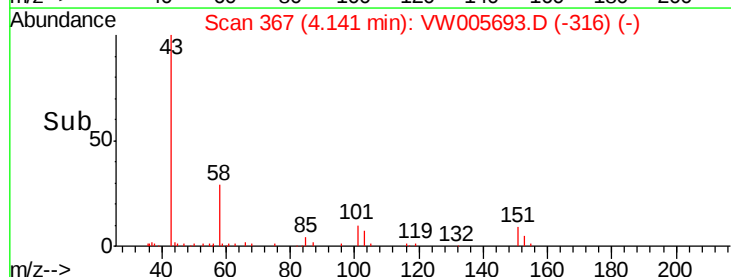
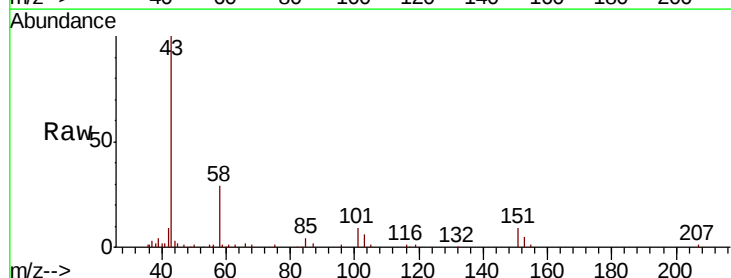
RT: 4.14 min Scan# 367

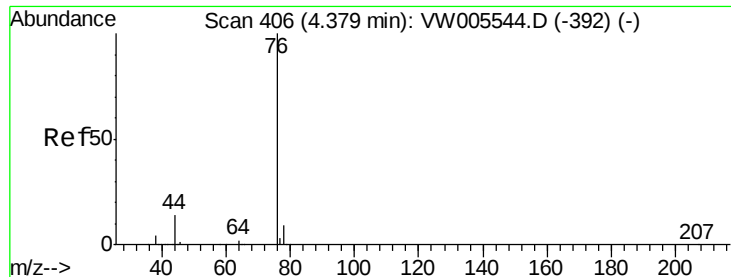
Delta R.T. 0.01 min

Lab File: VW005693.D

Acq: 27 Sep 2018 12:17

Tgt Ion:	43	Resp:	50342
Ion Ratio	Lower	Upper	
43	100		
58	28.9	21.8	32.8





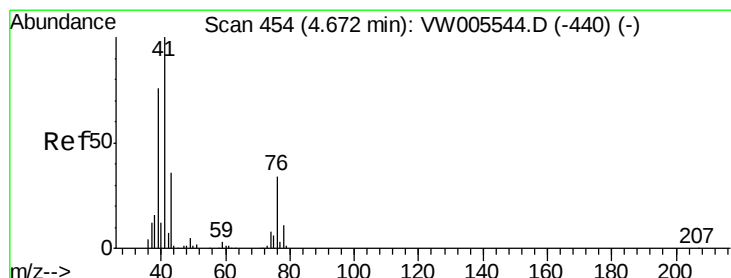
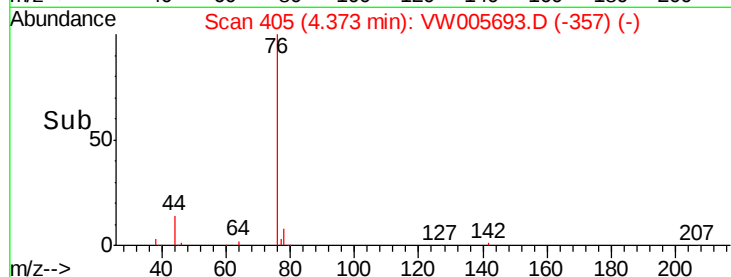
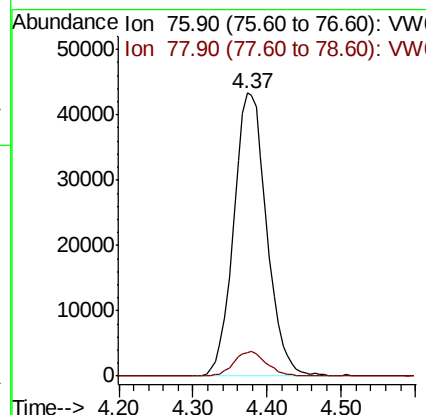
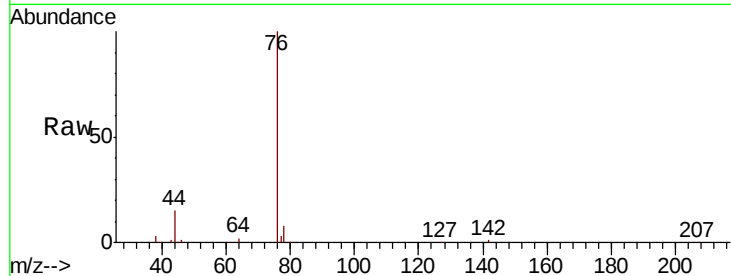
#17
Carbon Disulfide
Concen: 21.003 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW005693.D
Acq: 27 Sep 2018 12:17

Instrument :
MSVOA_W
ClientSampleId :
VW0927SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.4	11.0

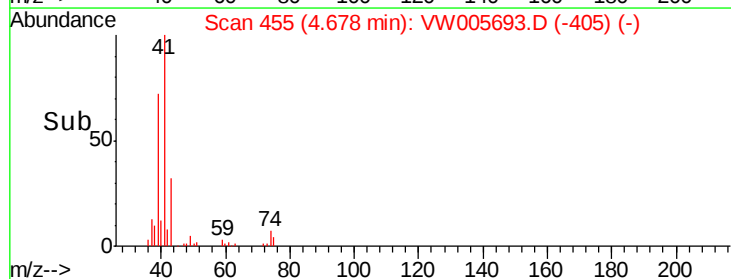
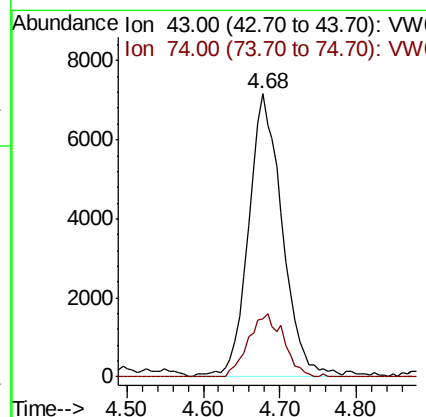
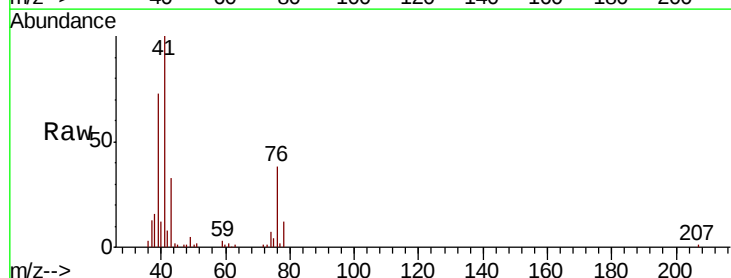
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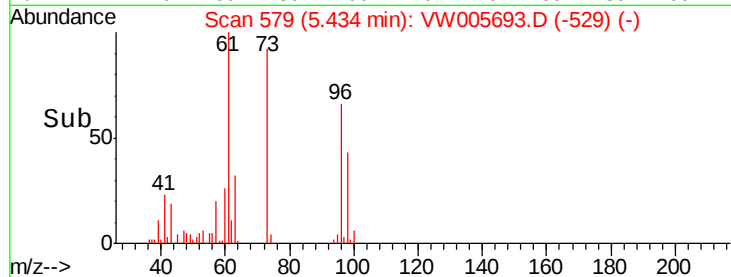
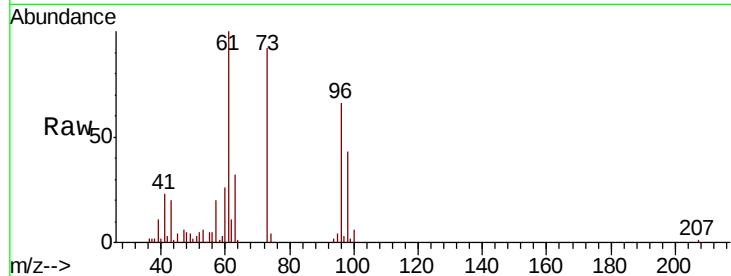
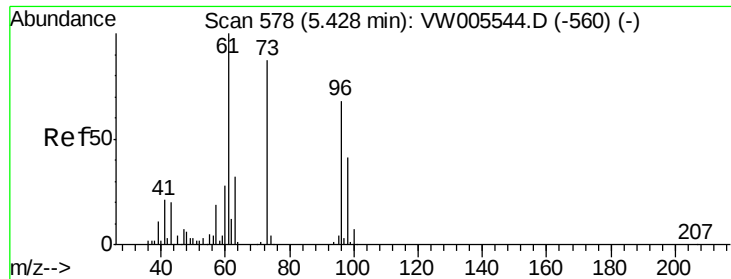
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#18
Methyl Acetate
Concen: 17.560 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW005693.D
Acq: 27 Sep 2018 12:17

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.1	19.2	28.8





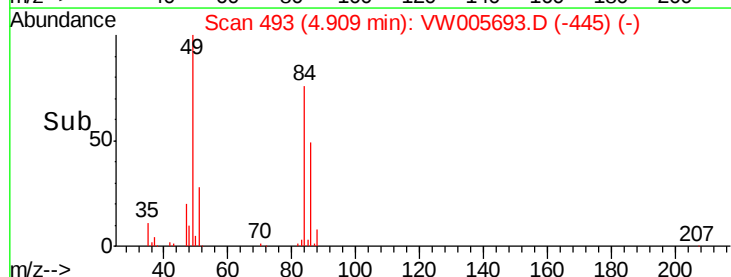
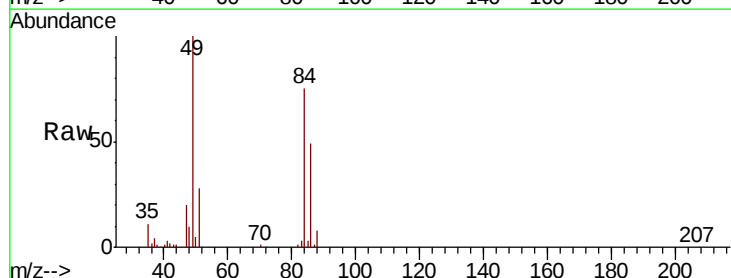
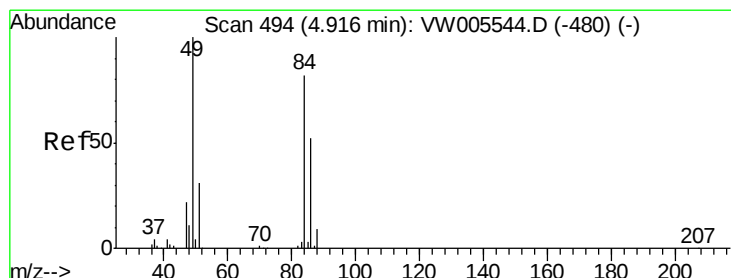
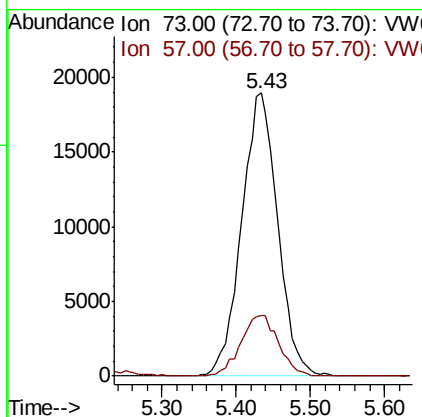
#19
Methvl tert-butvl Ether
Concen: 20.317 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.01 min
Lab File: VW005693.D
Acq: 27 Sep 2018 12:17

Tot Ion: 73 Resp: 64165
Ion Ratio Lower Upper
73 100
57 21.5 17.6 26.4

Instrument :
MSVOA_W
ClientSampleId :
VW0927SBSD01

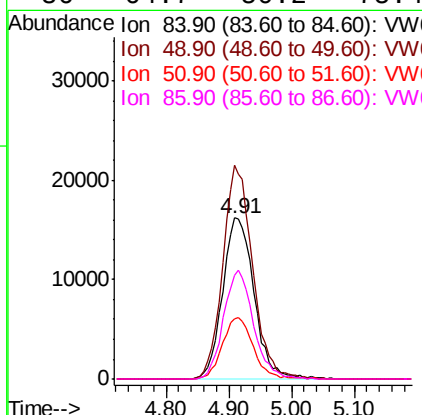
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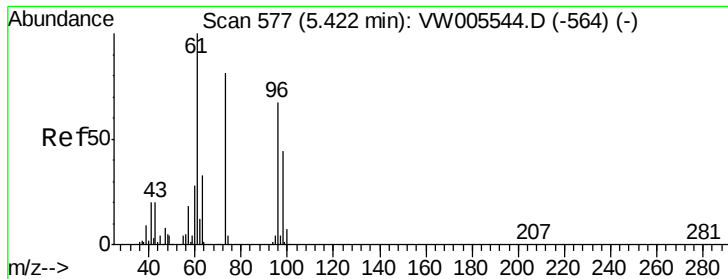
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#20
Methylene Chloride
Concen: 23.038 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW005693.D
Acq: 27 Sep 2018 12:17

Tgt Ion: 84 Resp: 56216
Ion Ratio Lower Upper
84 100
49 132.7 97.0 145.6
51 37.1 30.2 45.2
86 64.7 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 20.566 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.01 min

Lab File: VW005693.D

Acq: 27 Sep 2018 12:17

Instrument :

MSVOA_W

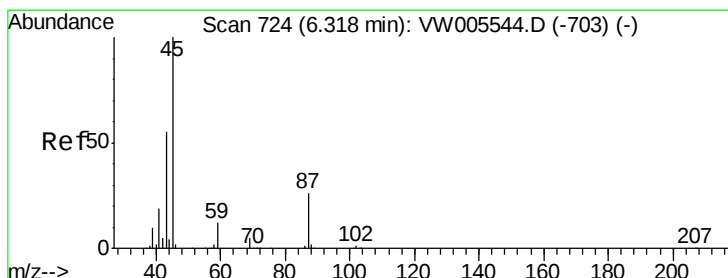
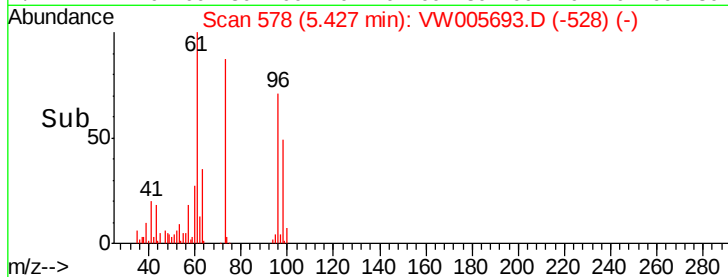
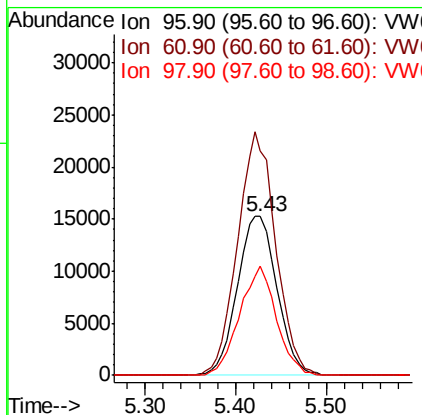
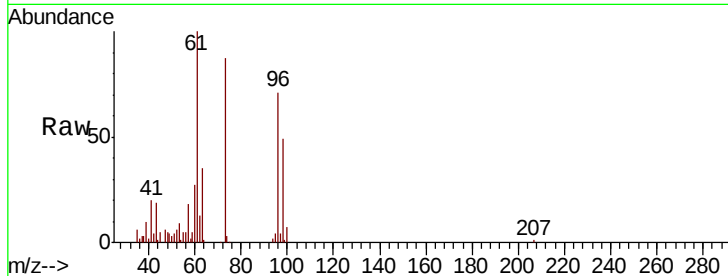
ClientSampleId :

VW0927SBSD01

Tot Ion:	96	Resp:	46092
Ion	Ratio	Lower	Upper
96	100		
61	141.1	118.9	178.3
98	69.1	52.1	78.1

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#22

Diisopropyl ether

Concen: 20.347 ug/l

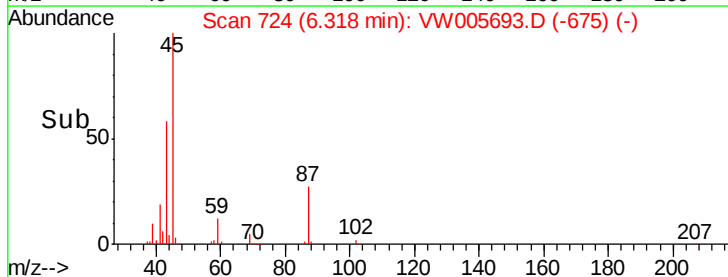
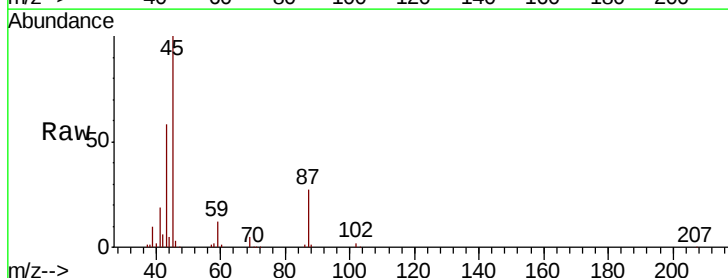
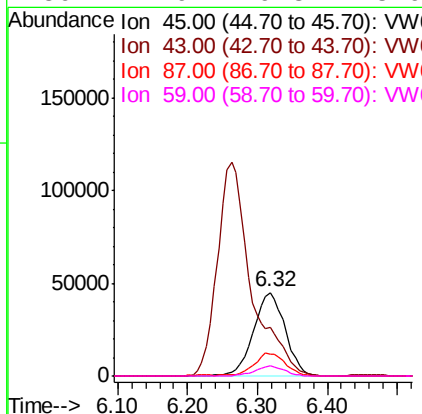
RT: 6.32 min Scan# 724

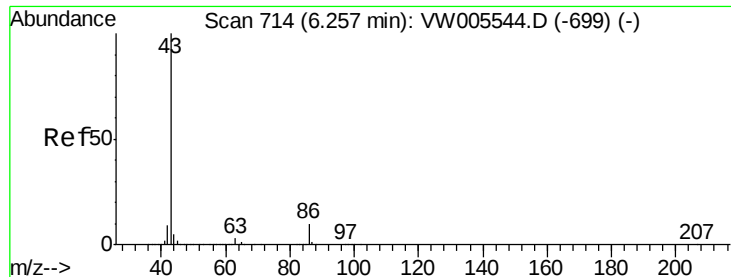
Delta R.T. -0.00 min

Lab File: VW005693.D

Acq: 27 Sep 2018 12:17

Tgt Ion:	45	Resp:	141051
Ion	Ratio	Lower	Upper
45	100		
43	57.4	44.2	66.4
87	26.8	21.4	32.2
59	11.9	9.3	13.9





#23

Vinyl Acetate

Concen: 98.228 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.01 min

Lab File: VW005693.D

Acq: 27 Sep 2018 12:17

Instrument :

MSVOA_W

ClientSampleId :

VW0927SBS01

Tot Ion: 43 Resp: 389195

Ion Ratio Lower Upper

43 100

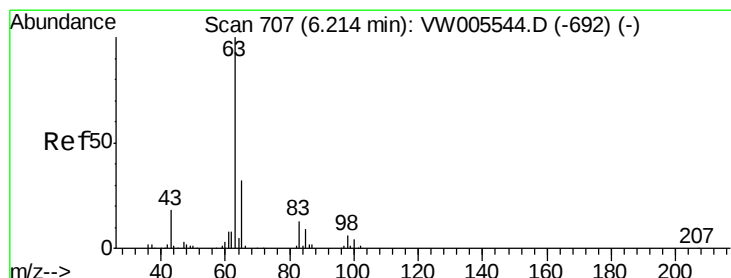
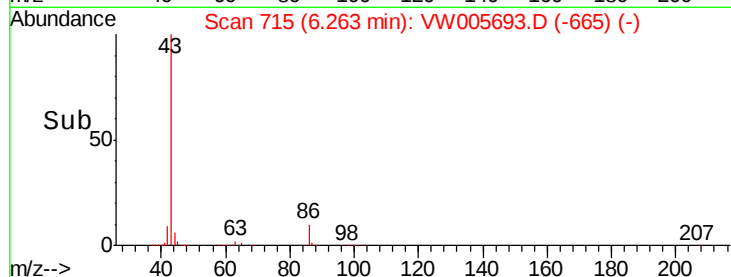
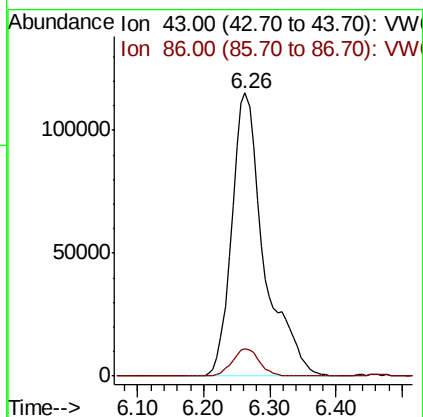
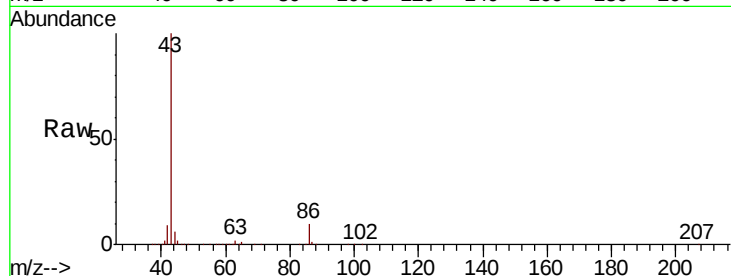
86 9.7 7.7 11.5

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#24

1,1-Dichloroethane

Concen: 20.357 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.01 min

Lab File: VW005693.D

Acq: 27 Sep 2018 12:17

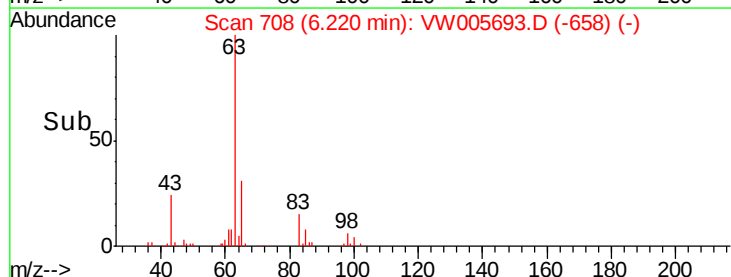
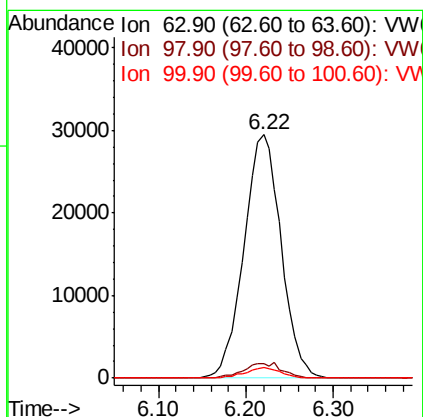
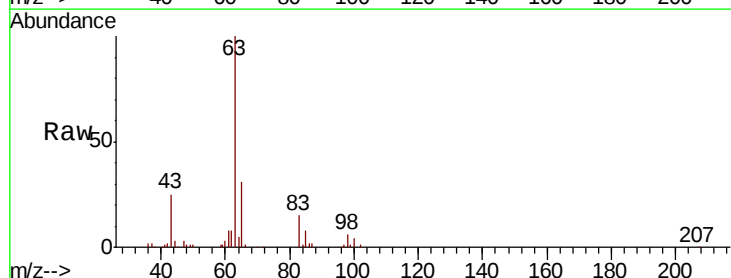
Tgt Ion: 63 Resp: 87187

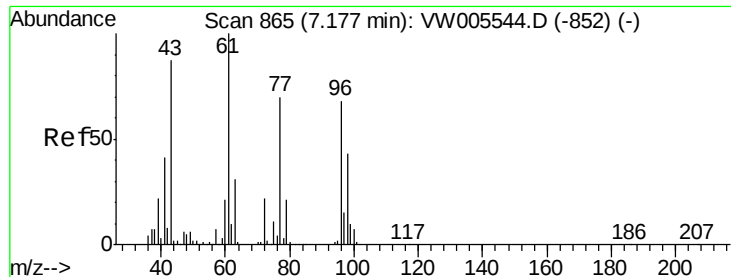
Ion Ratio Lower Upper

63 100

98 5.8 2.9 8.8

100 4.4 2.1 6.2





#25

2-Butanone

Concen: 97.813 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW005693.D

Acq: 27 Sep 2018 12:17

Instrument :

MSVOA_W

ClientSampleId :

VW0927SBSD01

Tot Ion: 43 Resp: 62877

Ion Ratio Lower Upper

43 100

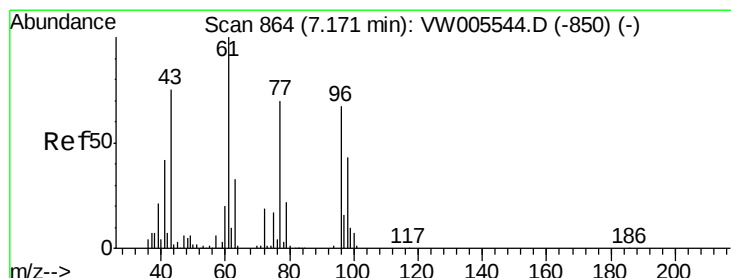
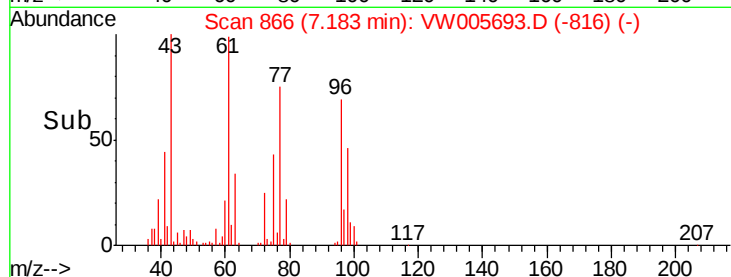
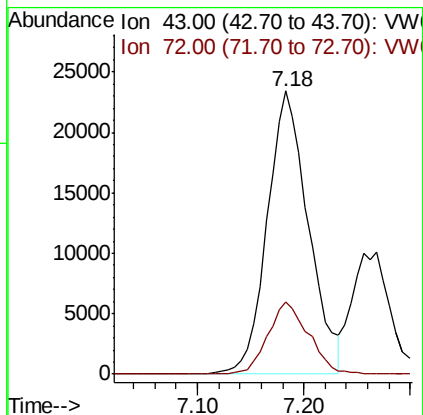
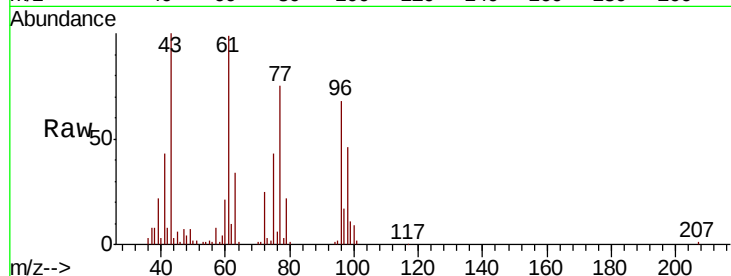
72 25.4 19.9 29.9

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#26

2,2-Dichloropropane

Concen: 21.777 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW005693.D

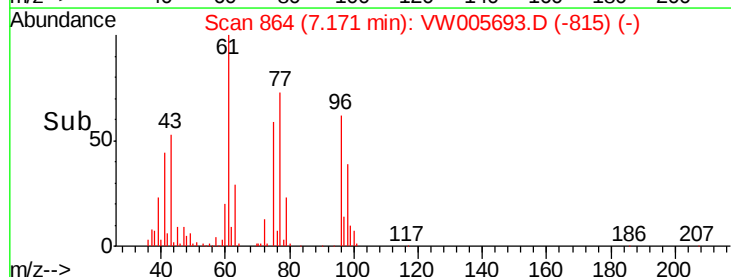
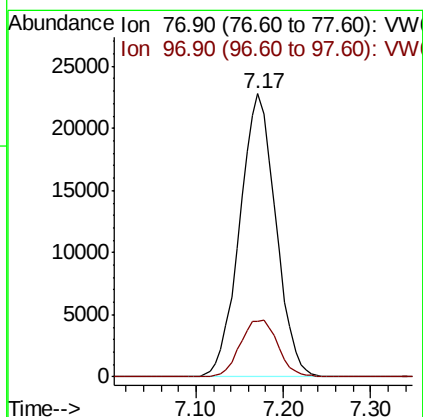
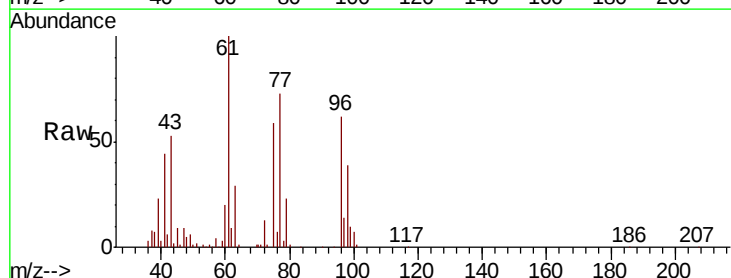
Acq: 27 Sep 2018 12:17

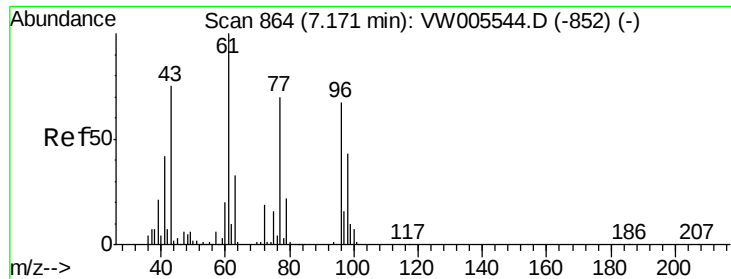
Tgt Ion: 77 Resp: 65115

Ion Ratio Lower Upper

77 100

97 20.9 11.0 33.0





#27

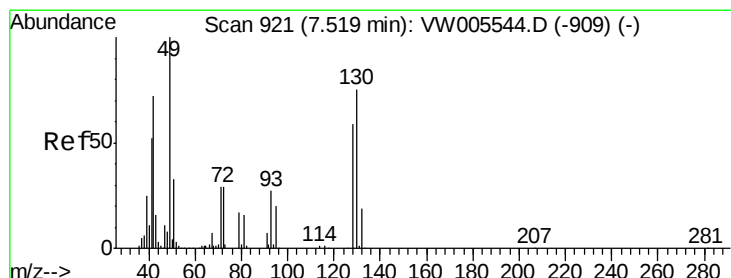
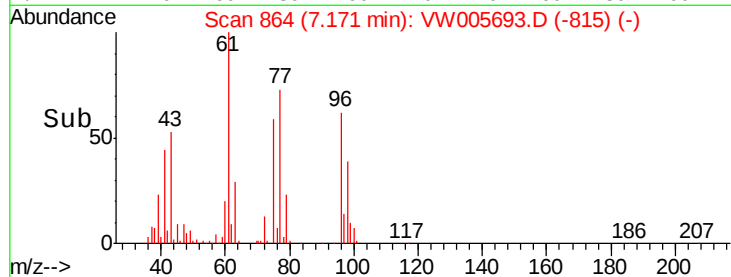
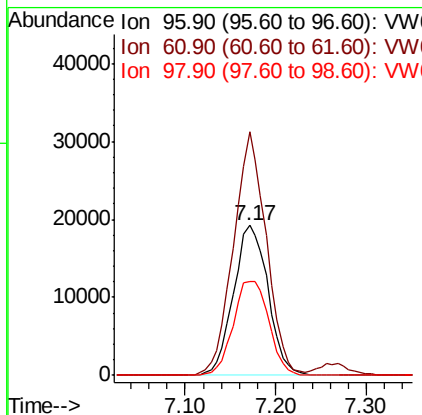
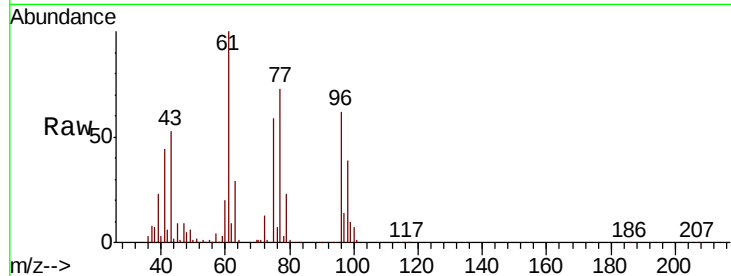
cis-1,2-Dichloroethene
 Concen: 20.546 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VW005693.D
 Acq: 27 Sep 2018 12:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0927SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	154.2	0.0	303.4	
98	64.8	0.0	127.2	

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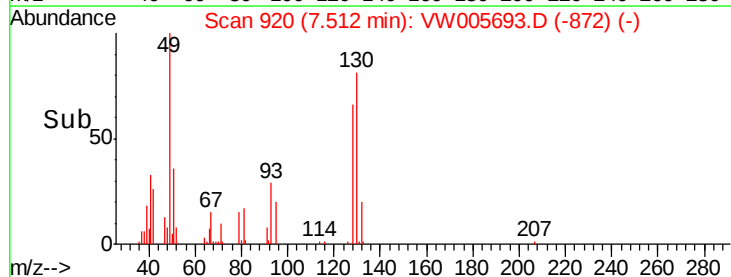
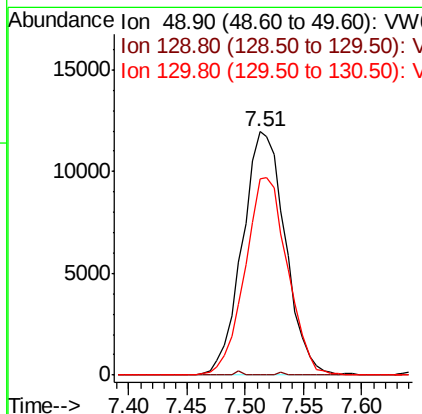
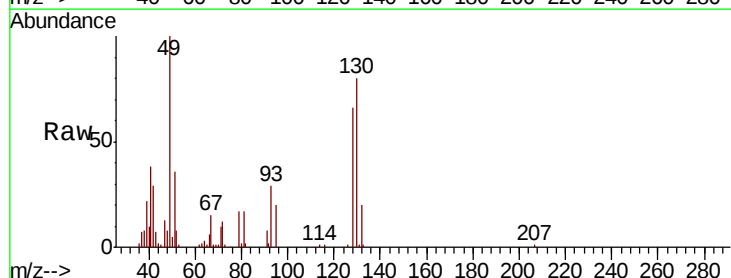
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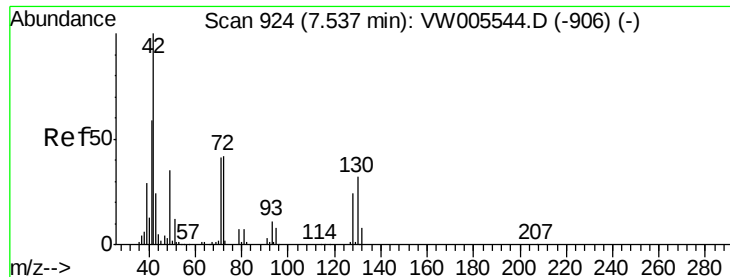


#28

Bromochloromethane
 Concen: 18.118 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VW005693.D
 Acq: 27 Sep 2018 12:17

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	0.2	0.0	1.4	
130	80.4	61.3	91.9	





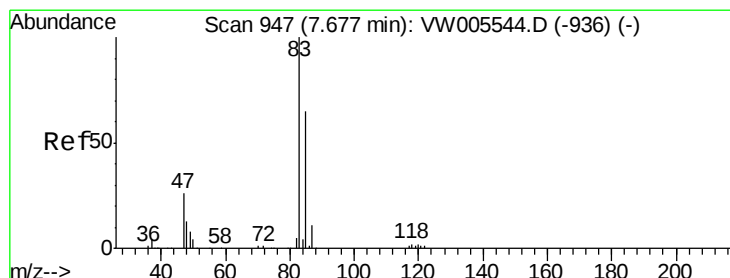
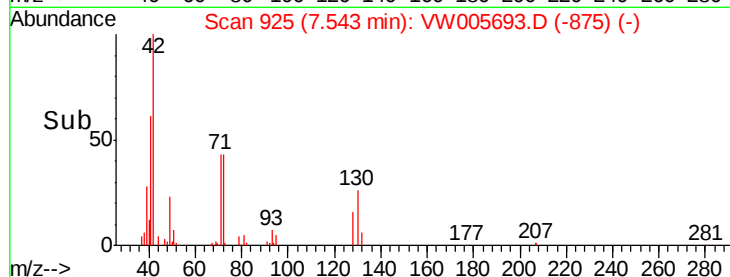
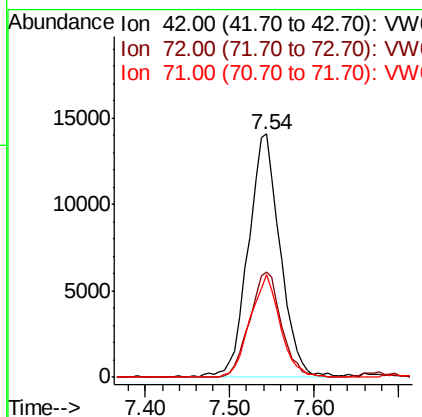
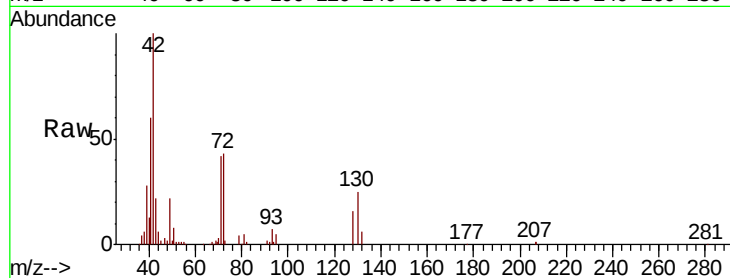
#29
Tetrahydrofuran
Concen: 90.302 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW005693.D
Acq: 27 Sep 2018 12:17

Instrument :
MSVOA_W
ClientSampleId :
VW0927SBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.3	33.6	50.4
71	39.7	31.8	47.6

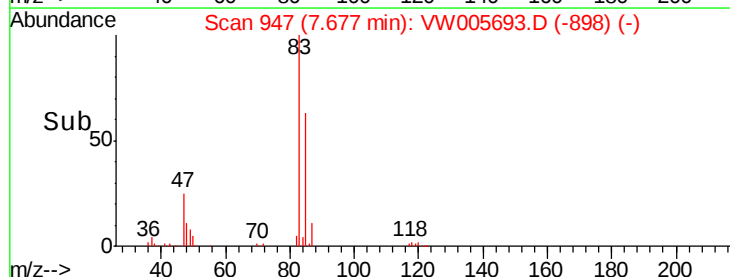
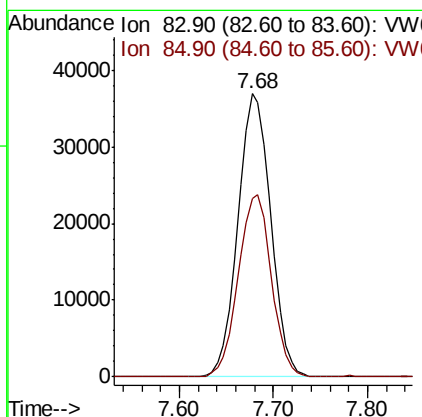
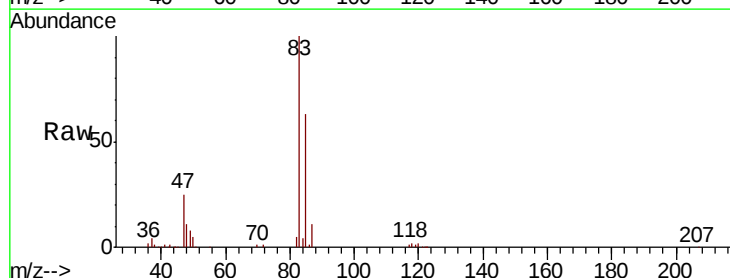
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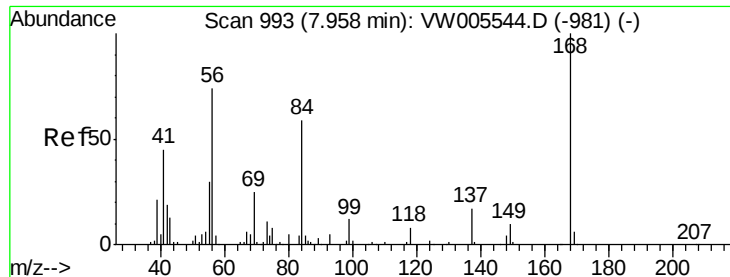
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#30
Chloroform
Concen: 20.363 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW005693.D
Acq: 27 Sep 2018 12:17

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.2	51.8	77.6





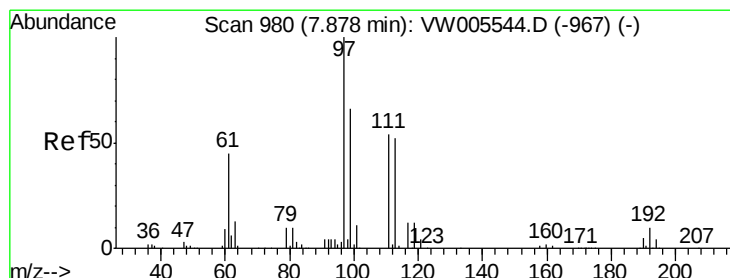
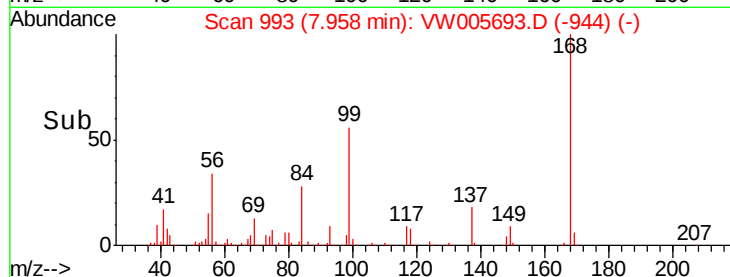
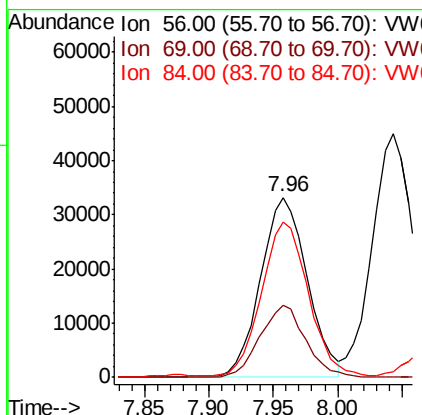
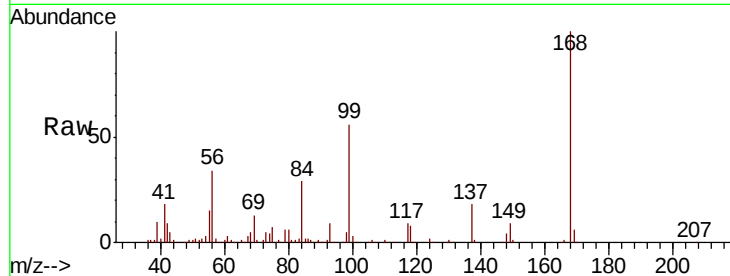
#31
Cyclohexane
Concen: 20.327 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW005693.D
Acq: 27 Sep 2018 12:17

Instrument :
MSVOA_W
ClientSampleId :
VW0927SBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	39.9	27.0	40.4
84	85.5	64.2	96.4

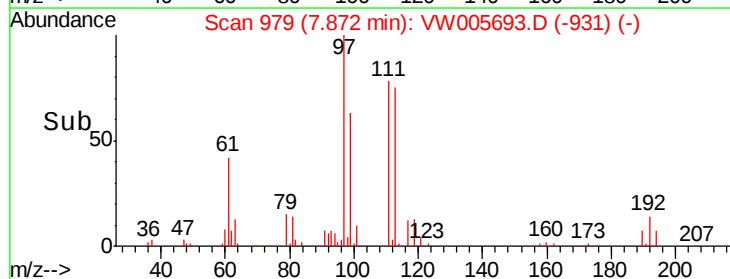
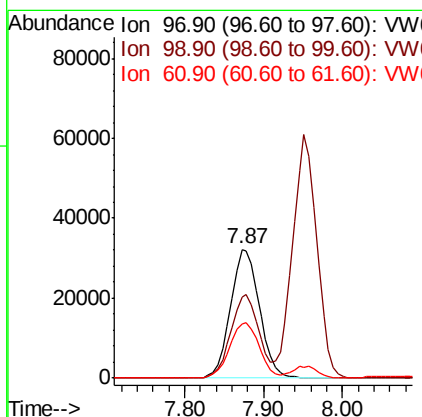
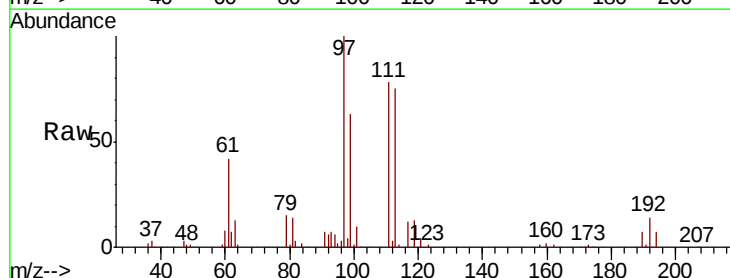
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#32
1,1,1-Trichloroethane
Concen: 21.080 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.01 min
Lab File: VW005693.D
Acq: 27 Sep 2018 12:17

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.1	51.0	76.6
61	44.1	36.2	54.2





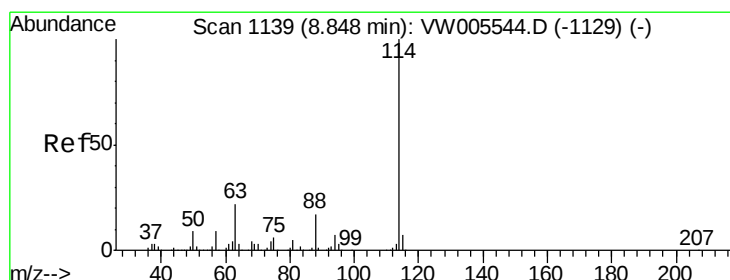
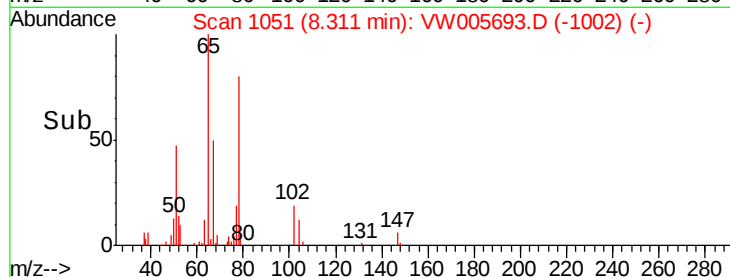
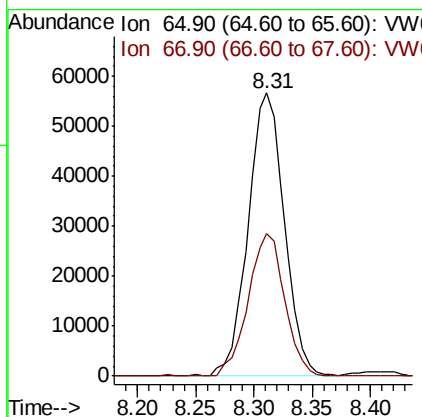
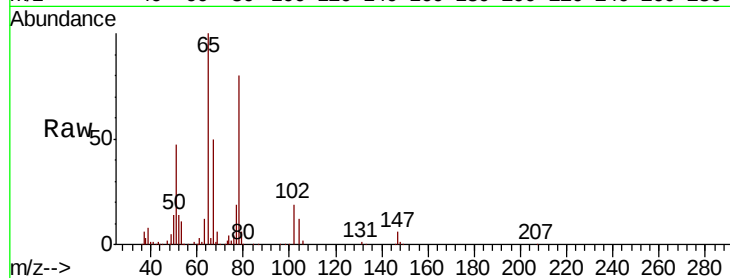
#33
 1,2-Dichloroethane-d4
 Concen: 46.498 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005693.D
 Acq: 27 Sep 2018 12:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0927SBSD01

Tot Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	100.6

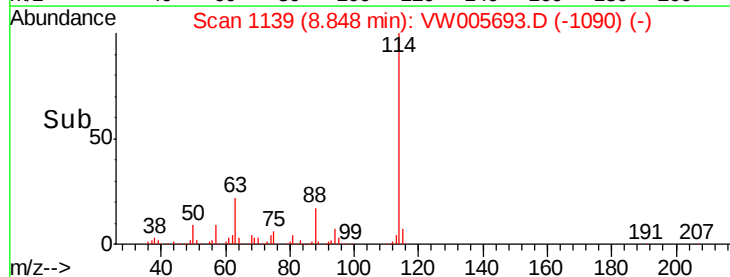
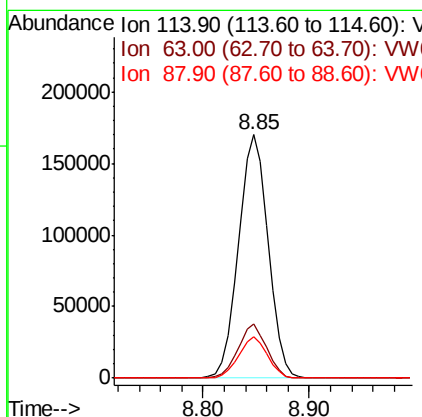
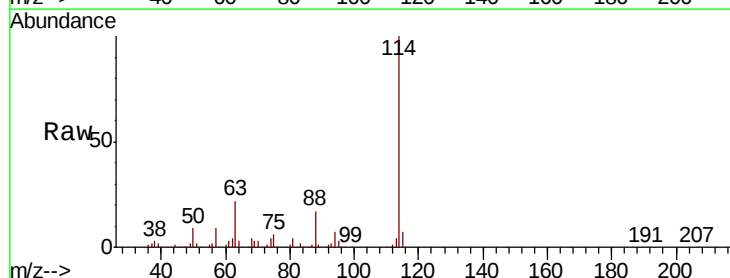
Manual Integrations
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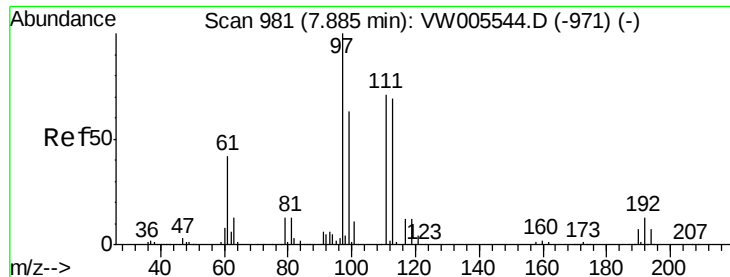
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005693.D
 Acq: 27 Sep 2018 12:17

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	43.0
88	16.8	0.0	33.0





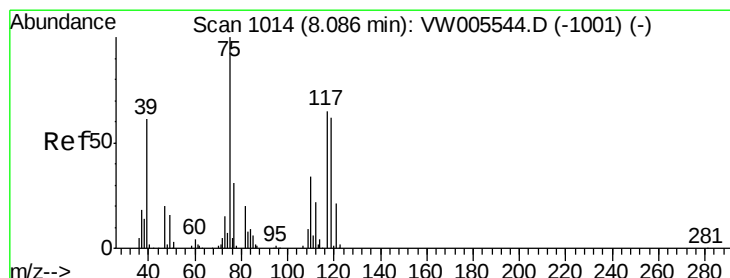
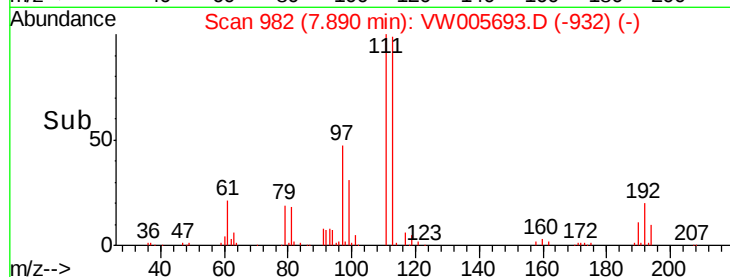
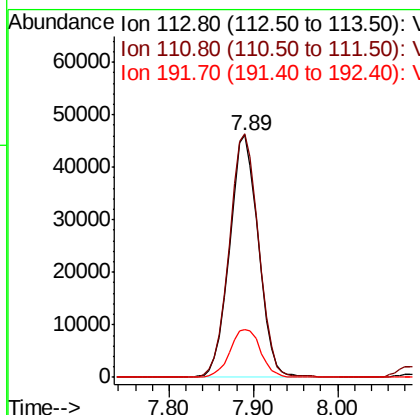
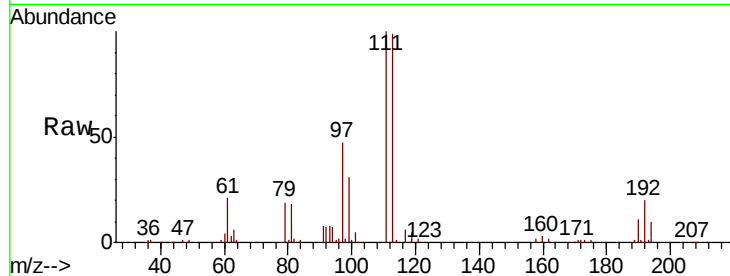
#35
 Dibromofluoromethane
 Concen: 50.818 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW005693.D
 Acq: 27 Sep 2018 12:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0927SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	106155		
111	102.9	82.6	123.8	
192	21.1	17.0	25.4	

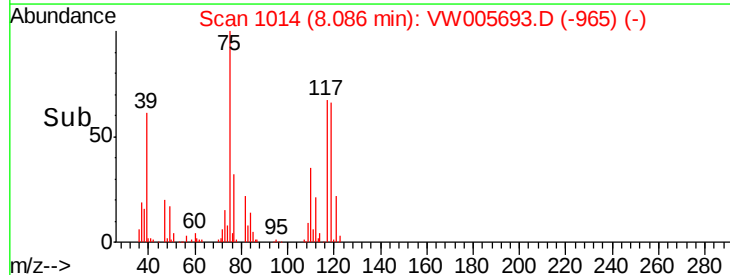
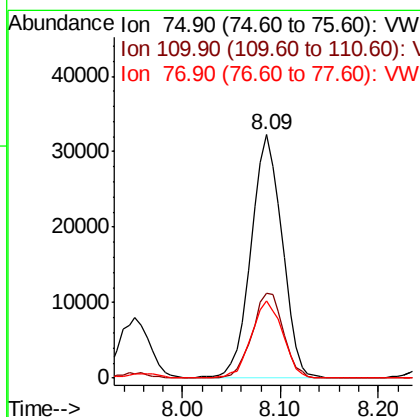
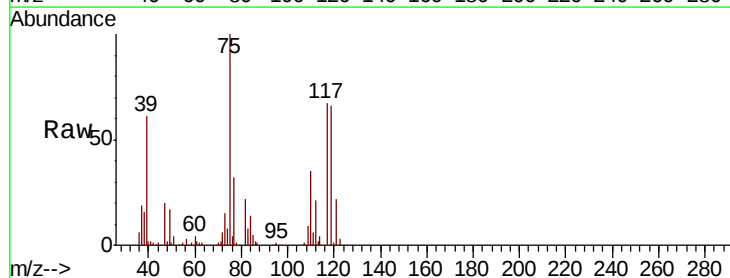
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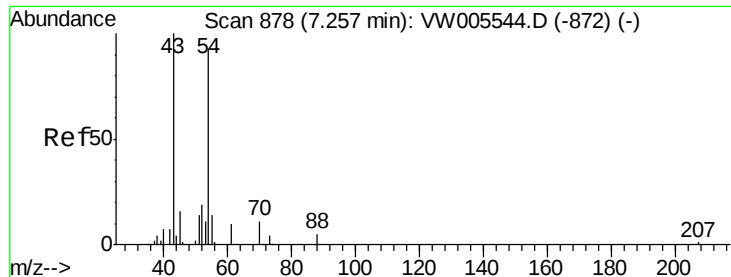
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#36
 1,1-Dichloropropene
 Concen: 21.322 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW005693.D
 Acq: 27 Sep 2018 12:17

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	71298		
110	35.1	17.0	50.9	
77	32.2	24.8	37.2	





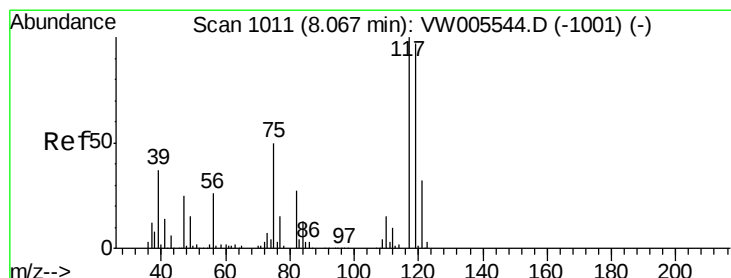
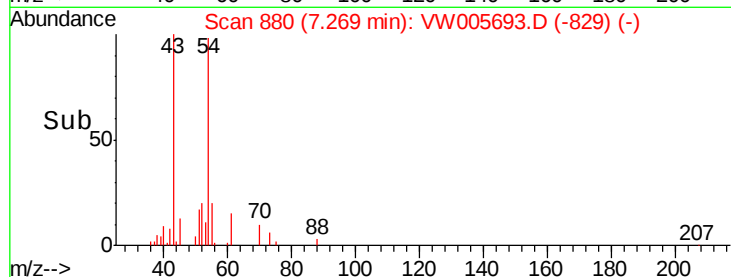
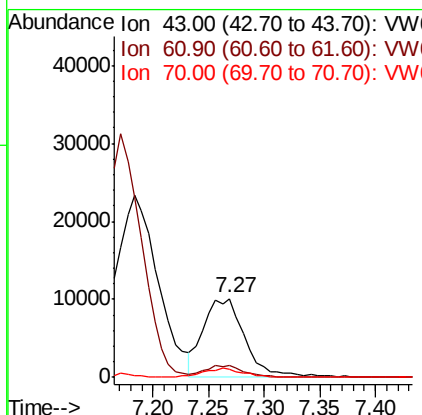
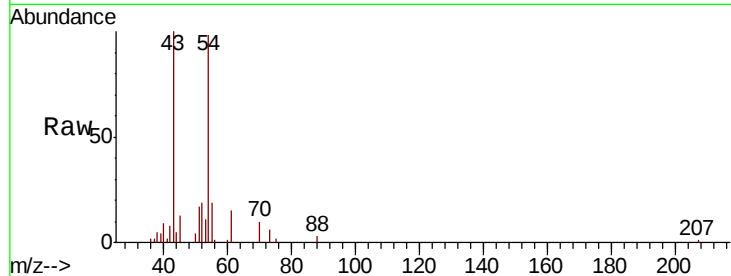
#37
Ethyl Acetate
Concen: 18.140 ug/l
RT: 7.27 min Scan# 880
Delta R.T. 0.01 min
Lab File: VW005693.D
Acq: 27 Sep 2018 12:17

Instrument :
MSVOA_W
ClientSampleId :
VW0927SBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.8	10.4	15.6
70	11.4	8.2	12.2

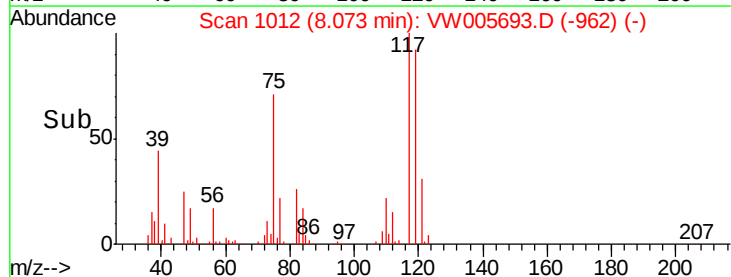
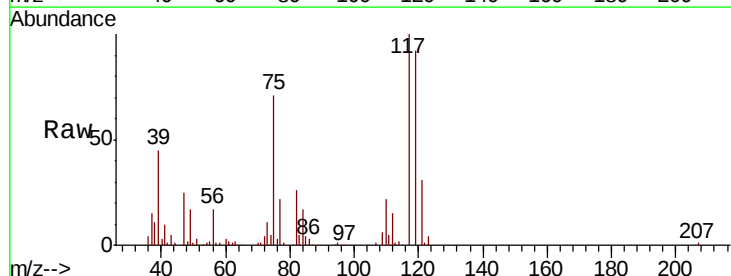
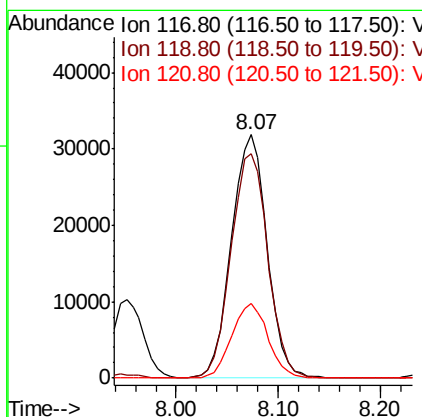
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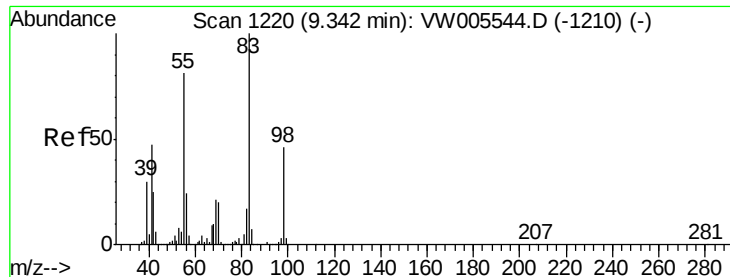
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#38
Carbon Tetrachloride
Concen: 21.512 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VW005693.D
Acq: 27 Sep 2018 12:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.0	77.6	116.4
121	30.8	25.7	38.5





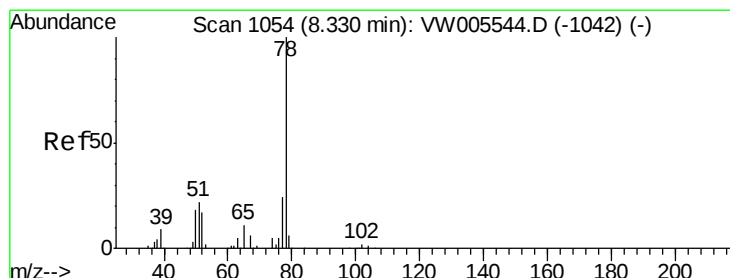
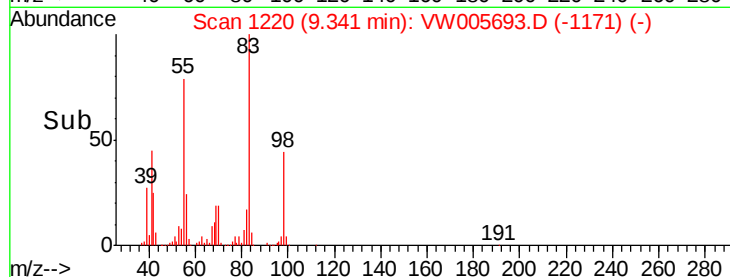
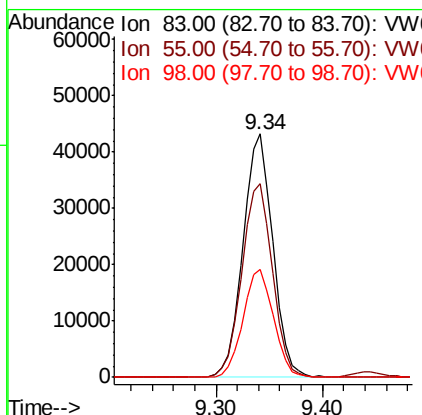
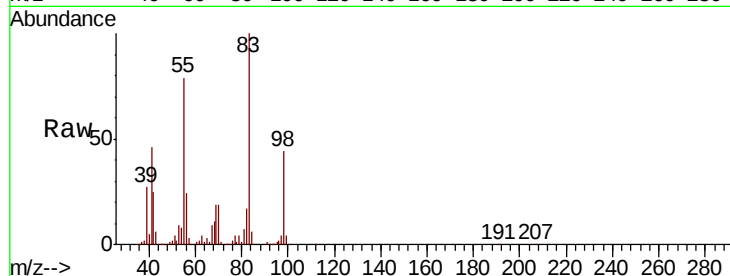
#39
Methvlcvclohexane
Concen: 21.547 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW005693.D
Acq: 27 Sep 2018 12:17

Instrument :
MSVOA_W
ClientSampleId :
VW0927SBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.4	64.6	97.0
98	44.4	37.0	55.6

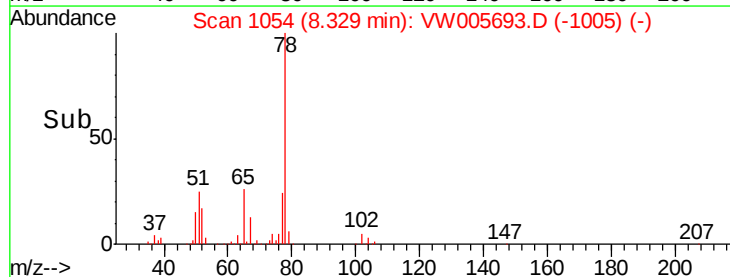
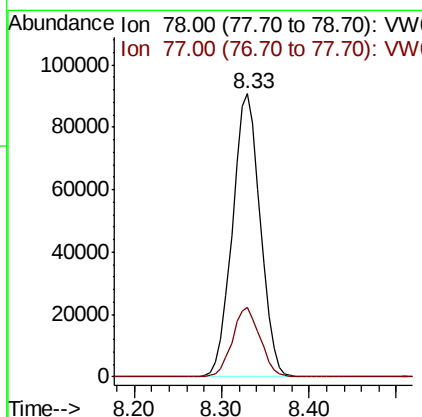
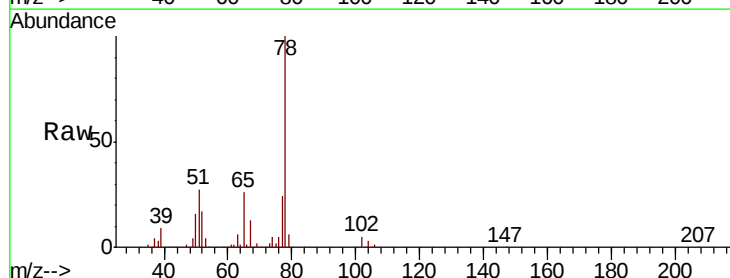
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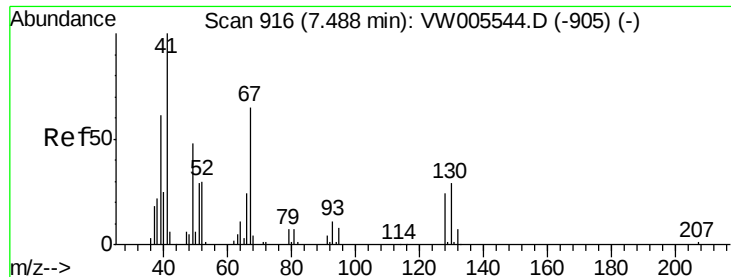
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#40
Benzene
Concen: 21.122 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW005693.D
Acq: 27 Sep 2018 12:17

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.5	19.0	28.4





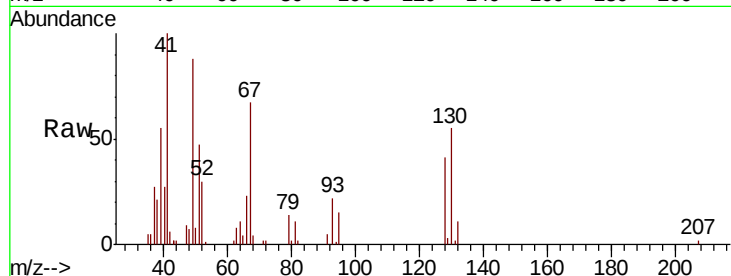
#41
Methacrylonitrile
Concen: 19.908 ug/l
RT: 7.49 min Scan# 917
Delta R.T. 0.01 min
Lab File: VW005693.D
Acq: 27 Sep 2018 12:17

Instrument :
MSVOA_W
ClientSampleId :
VW0927SBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	57.2	45.4	68.2	
67	69.1	55.2	82.8	
52	31.1	25.3	37.9	

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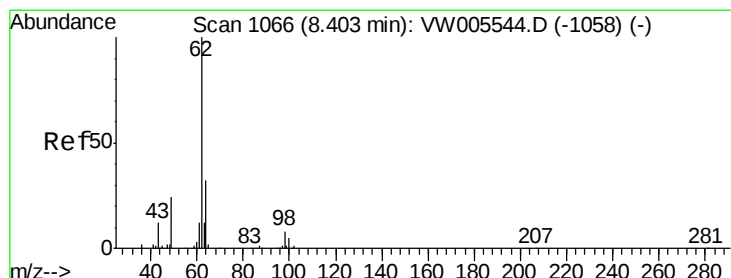
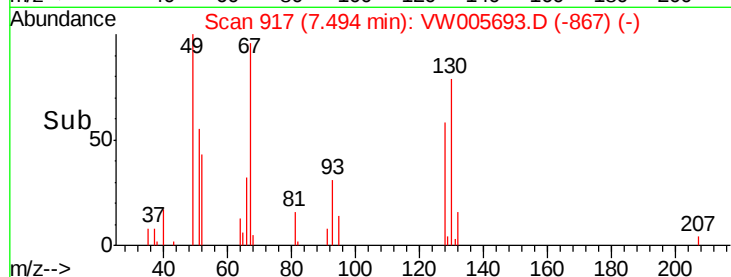
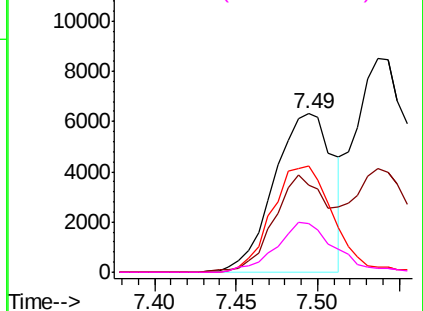
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

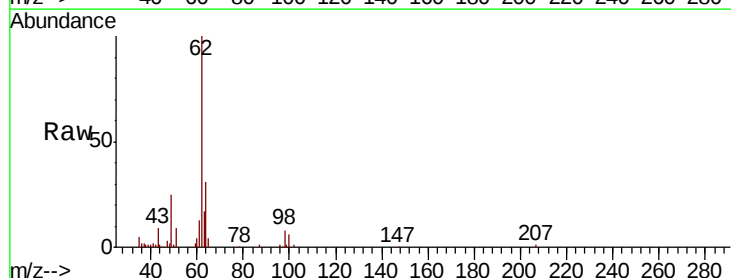
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42
1,2-Dichloroethane
Concen: 20.269 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW005693.D
Acq: 27 Sep 2018 12:17

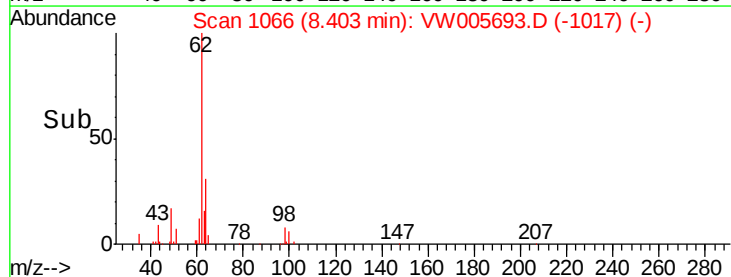
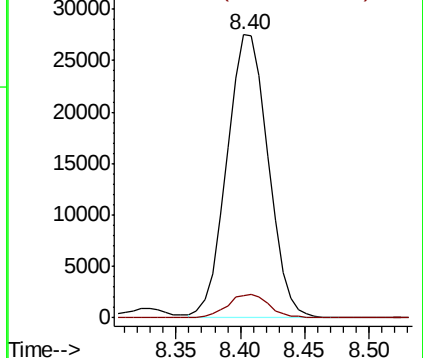
Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.3	0.0	15.6	

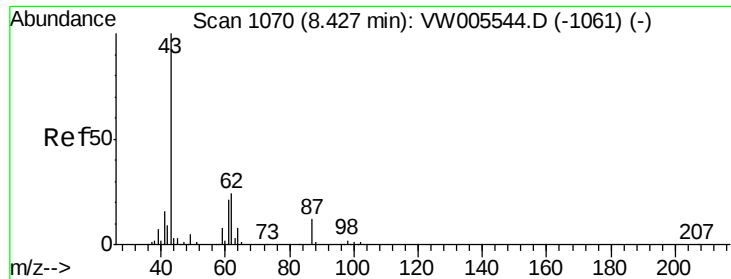


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

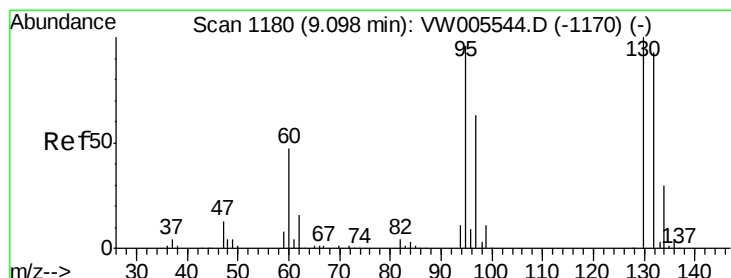
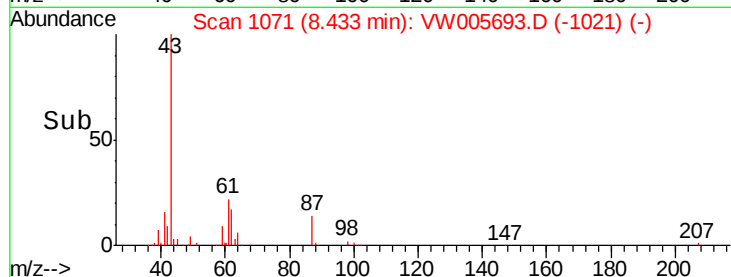
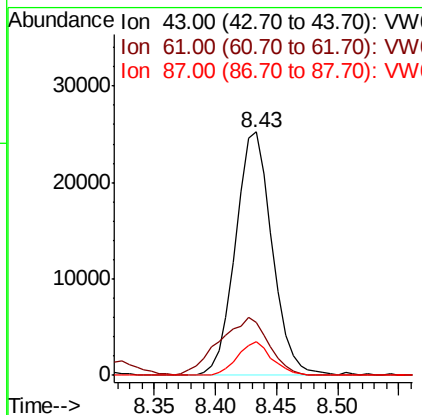
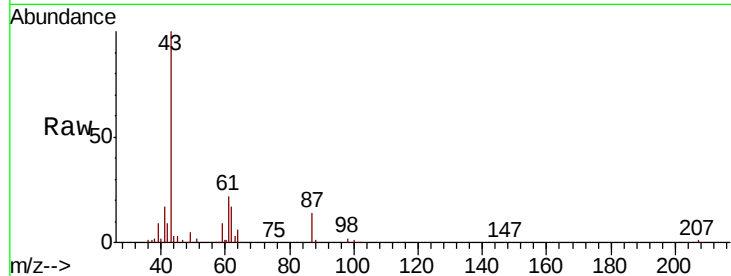
Isopropyl Acetate
 Concen: 18.975 ug/l
 RT: 8.43 min Scan# 1071
 Delta R.T. 0.01 min
 Lab File: VW005693.D
 Acq: 27 Sep 2018 12:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0927SBS01

Tot Ion	43	Resp	52499
Ion Ratio	100	Lower	Upper
43	100		
61	32.2	24.1	36.1
87	12.9	9.8	14.8

Manual Integrations
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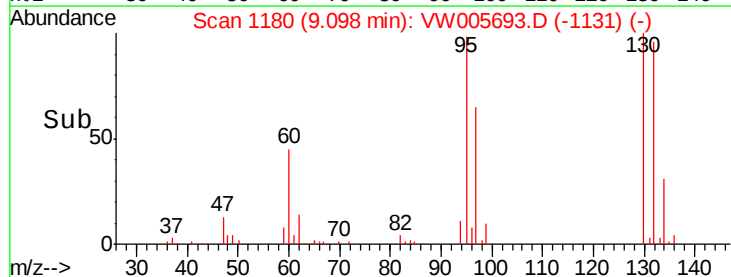
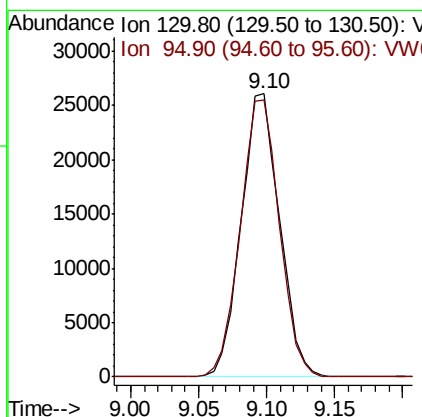
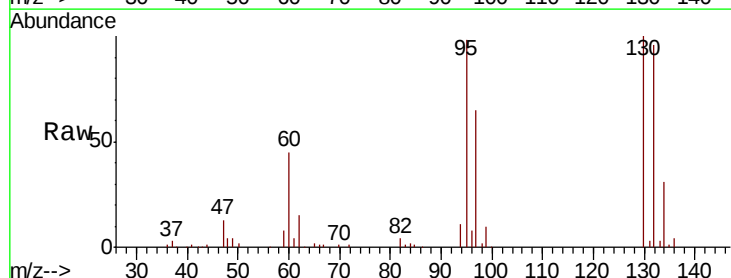
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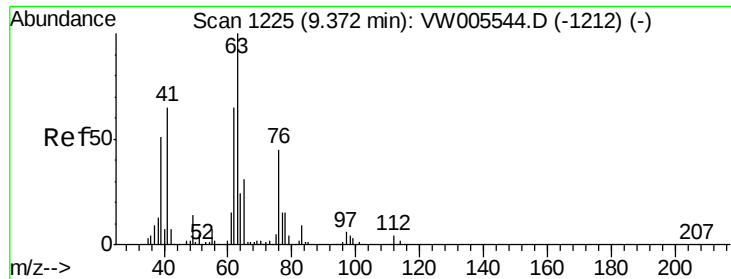


#44

Trichloroethene
 Concen: 21.250 ug/l
 RT: 9.10 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VW005693.D
 Acq: 27 Sep 2018 12:17

Tgt Ion	130	Resp	51533
Ion Ratio	100	Lower	Upper
130	100		
95	97.8	0.0	191.2





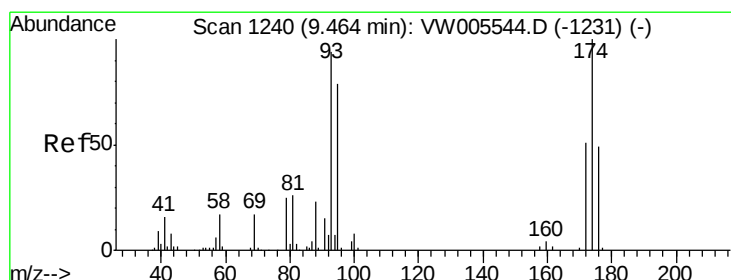
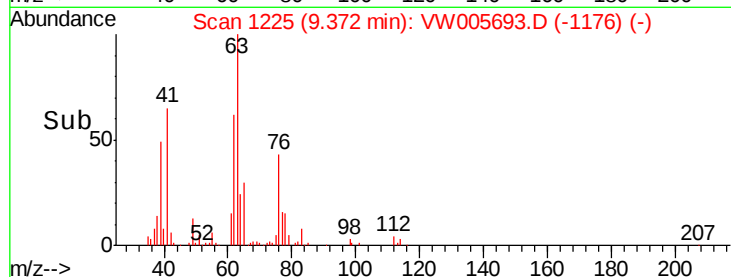
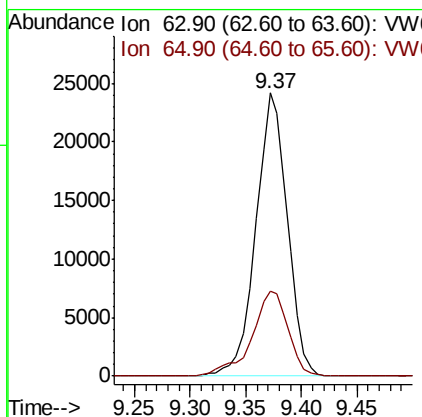
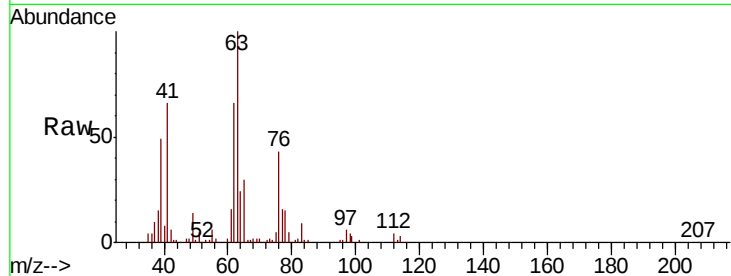
#45
 1,2-Dichloropropane
 Concen: 20.439 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW005693.D
 Acq: 27 Sep 2018 12:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0927SBSD01

Tot Ion: 63 Resp: 47642
 Ion Ratio Lower Upper
 63 100
 65 29.9 24.7 37.1

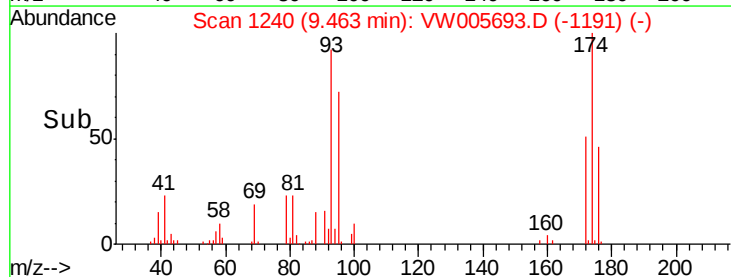
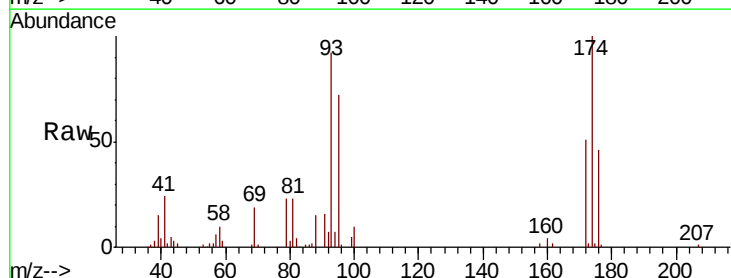
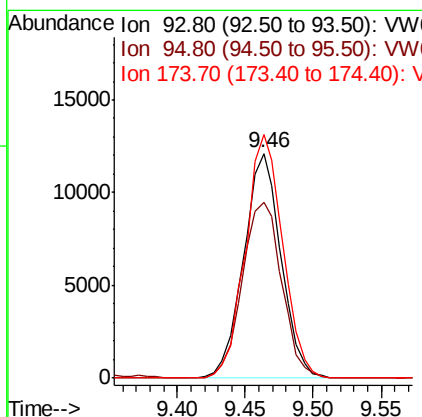
Manual Integrations
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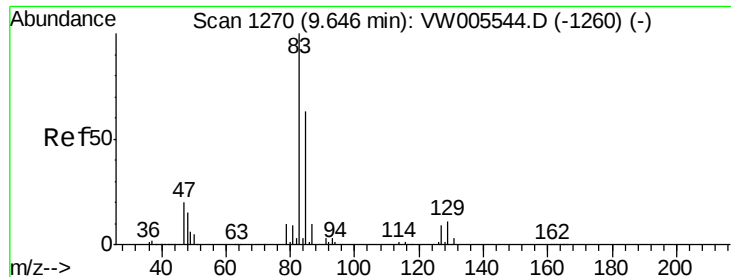
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#46
 Dibromomethane
 Concen: 20.007 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW005693.D
 Acq: 27 Sep 2018 12:17

Tgt Ion: 93 Resp: 23301
 Ion Ratio Lower Upper
 93 100
 95 82.5 65.8 98.8
 174 108.3 84.0 126.0





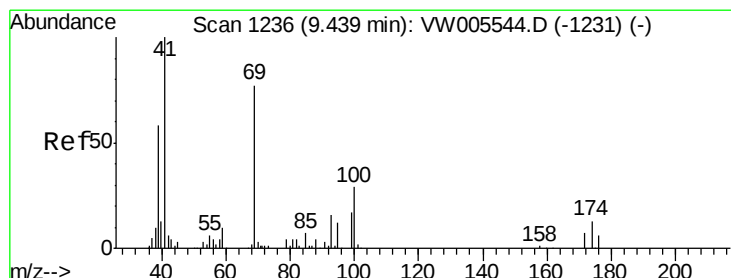
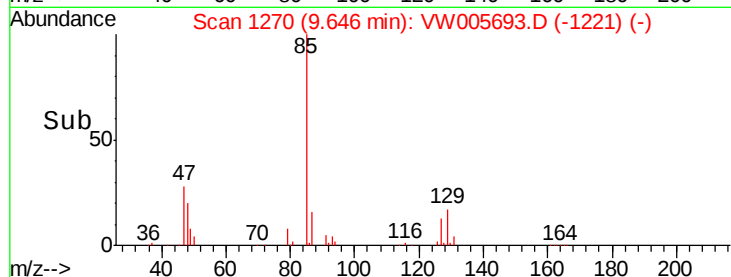
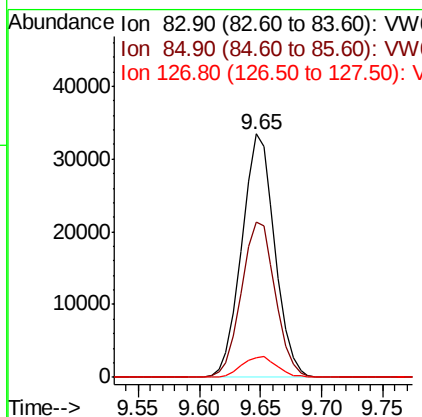
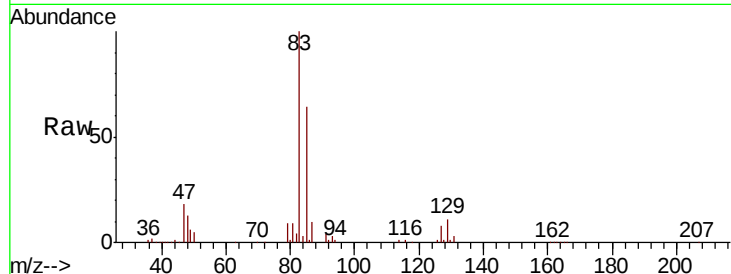
#47
 Bromodichloromethane
 Concen: 20.038 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VW005693.D
 Acq: 27 Sep 2018 12:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0927SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	62689		
85	64.0		50.5	75.7
127	8.3		7.0	10.6

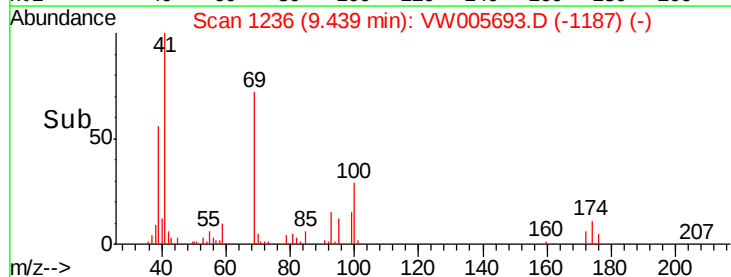
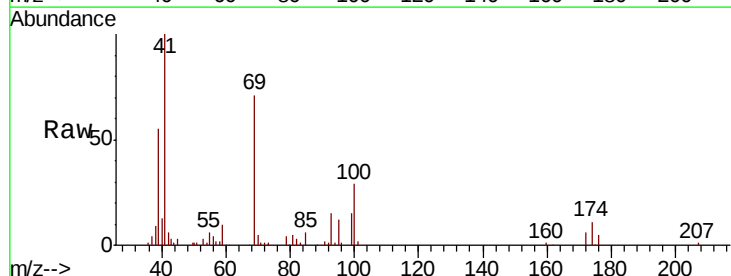
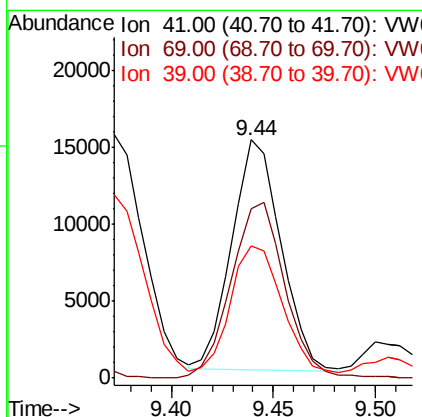
Manual Integrations
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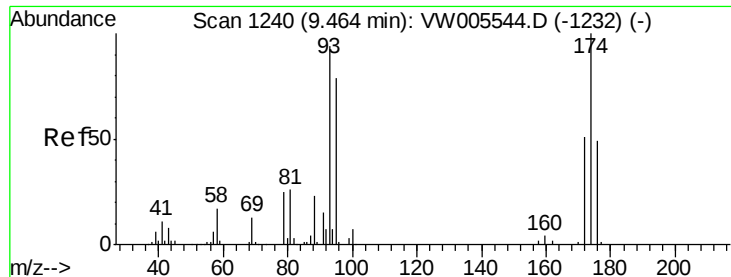
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#48
 Methyl methacrylate
 Concen: 19.083 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VW005693.D
 Acq: 27 Sep 2018 12:17

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	25077		
69	83.8		64.7	97.1
39	63.3		50.5	75.7





#49

1,4-Dioxane

Concen: 392.522 ug/l

RT: 9.48 min Scan# 1242

Delta R.T. 0.01 min

Lab File: VW005693.D

Acq: 27 Sep 2018 12:17

Instrument :

MSVOA_W

ClientSampleId :

VW0927SBS01

Tot Ion: 88 Resp: 7268

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

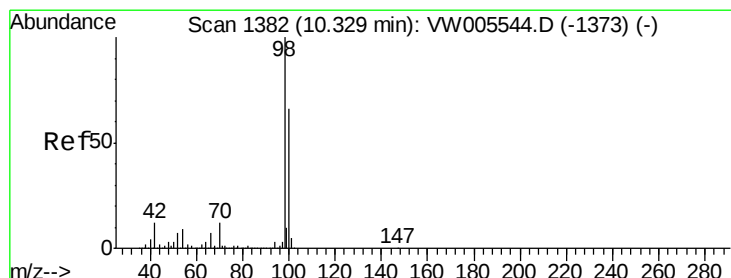
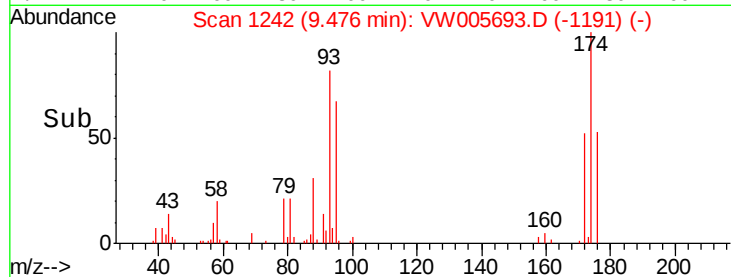
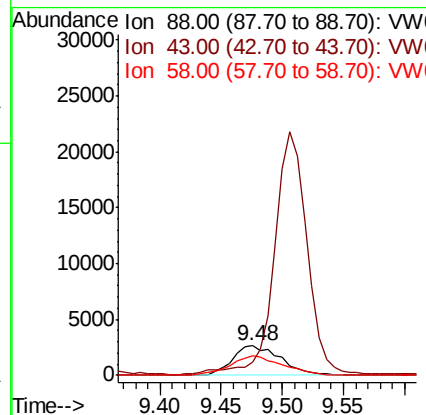
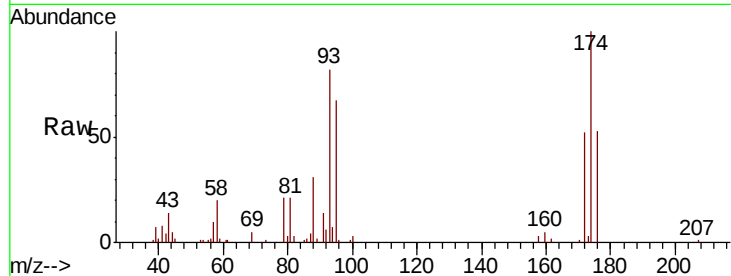
58 71.7 61.2 91.8

Manual Integrations

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#50

Toluene-d8

Concen: 51.097 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005693.D

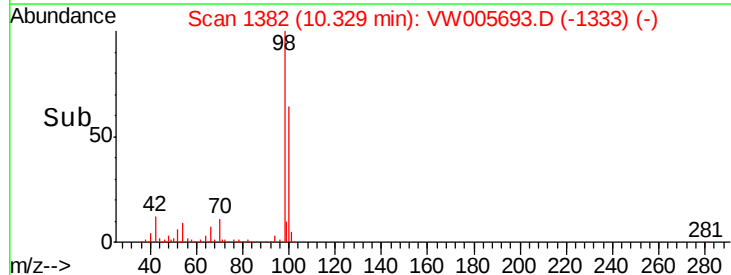
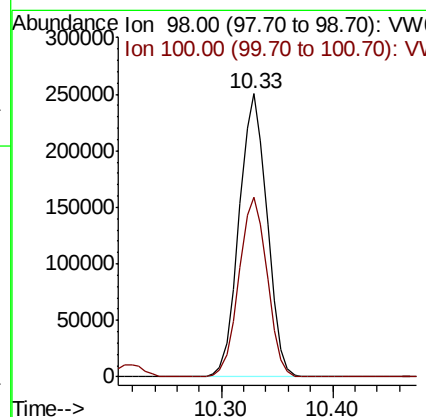
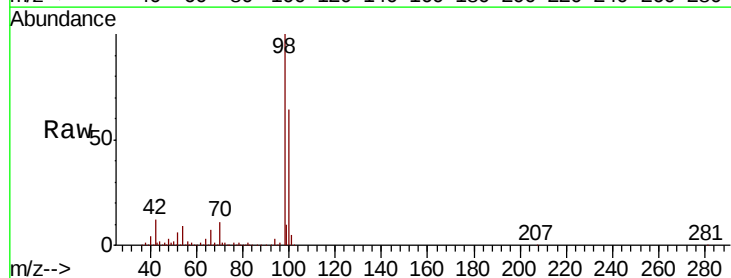
Acq: 27 Sep 2018 12:17

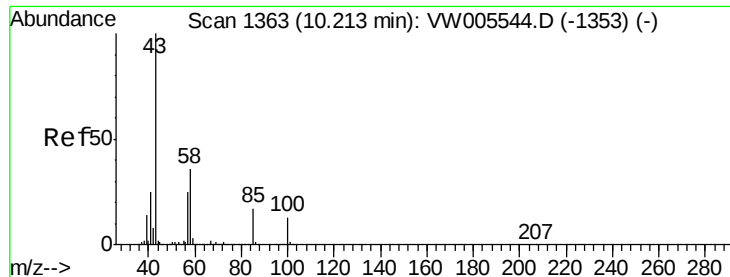
Tgt Ion: 98 Resp: 434610

Ion Ratio Lower Upper

98 100

100 63.8 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 93.157 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW005693.D

Acq: 27 Sep 2018 12:17

Instrument :

MSVOA_W

ClientSampleId :

VW0927SBS01

Tot Ion: 43 Resp: 129811

Ion Ratio Lower Upper

43 100

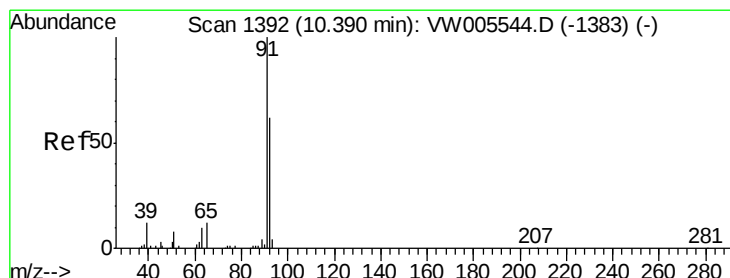
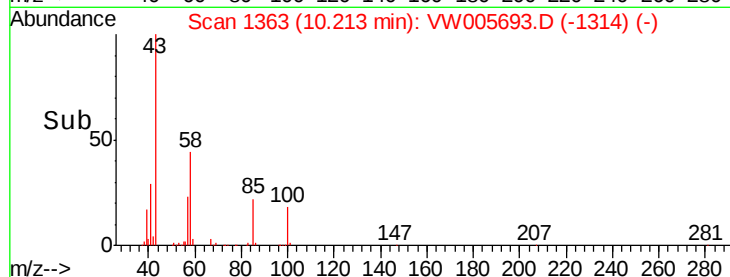
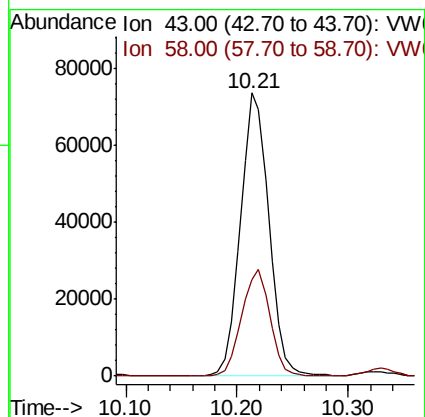
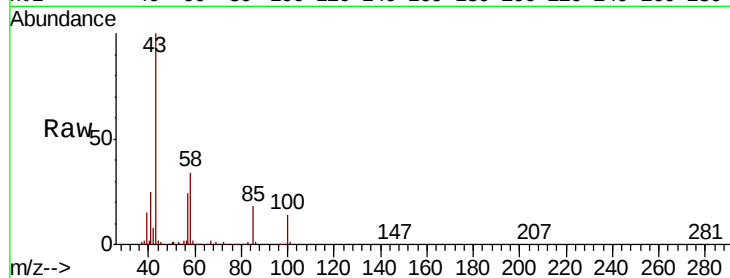
58 37.7 30.0 45.0

Manual Integrations

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#52

Toluene

Concen: 21.497 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW005693.D

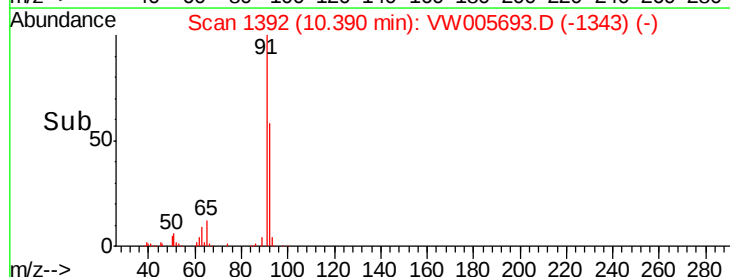
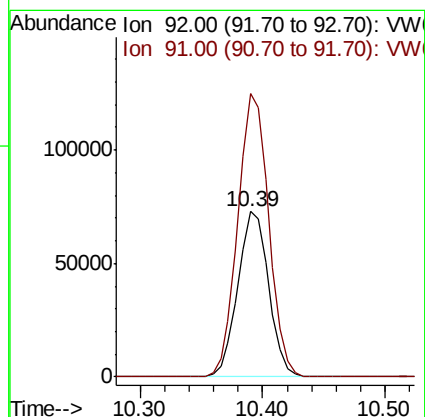
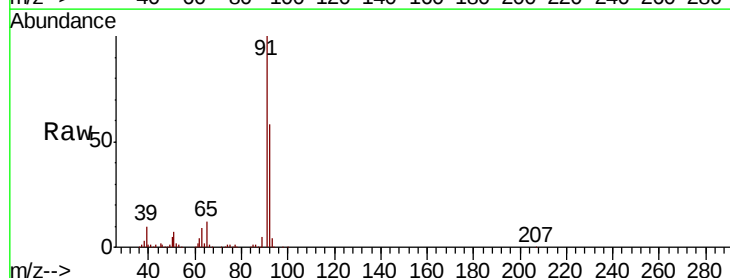
Acq: 27 Sep 2018 12:17

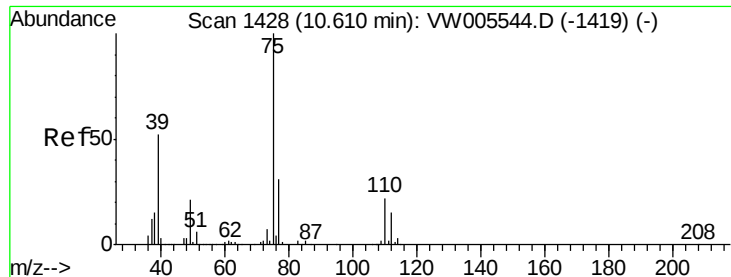
Tgt Ion: 92 Resp: 127083

Ion Ratio Lower Upper

92 100

91 171.7 137.1 205.7





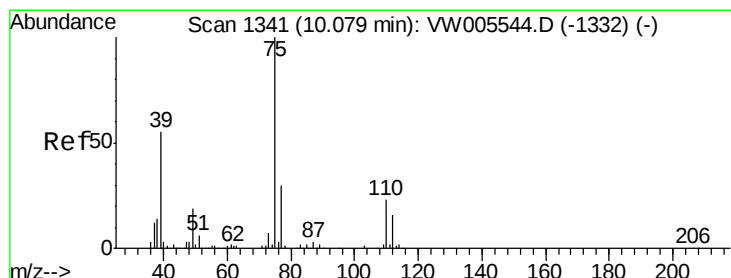
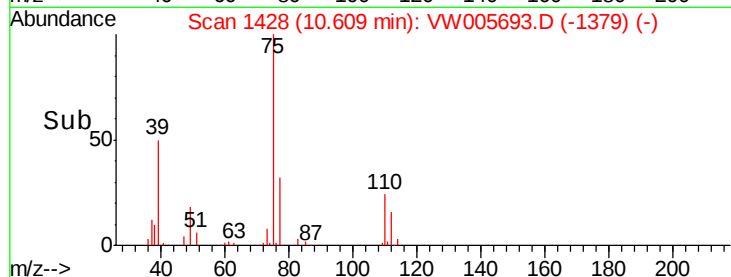
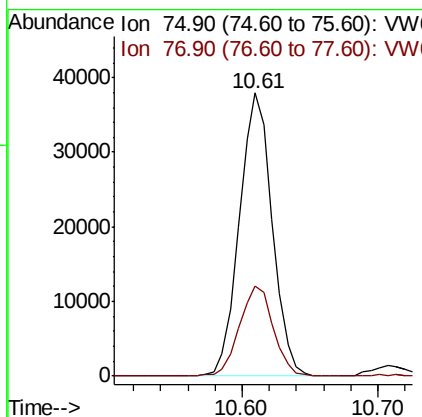
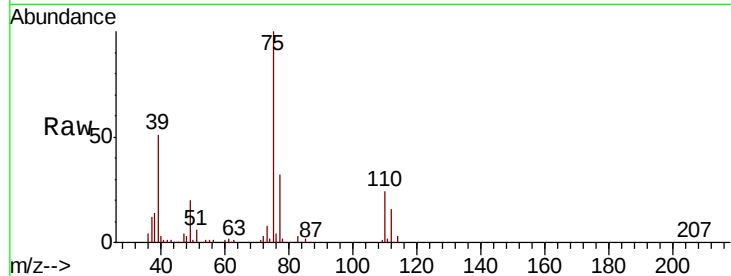
#53
t-1,3-Dichloropropene
Concen: 20.309 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. -0.00 min
Lab File: VW005693.D
Acq: 27 Sep 2018 12:17

Instrument :
MSVOA_W
ClientSampleId :
VW0927SBSD01

Tot Ion: 75 Resp: 63696
Ion Ratio Lower Upper
75 100
77 32.0 24.6 37.0

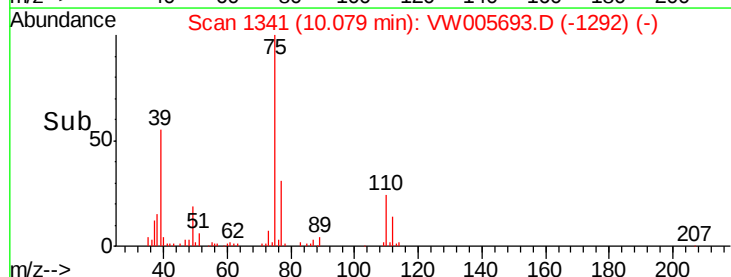
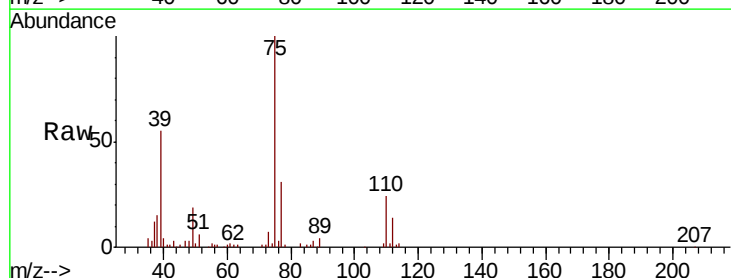
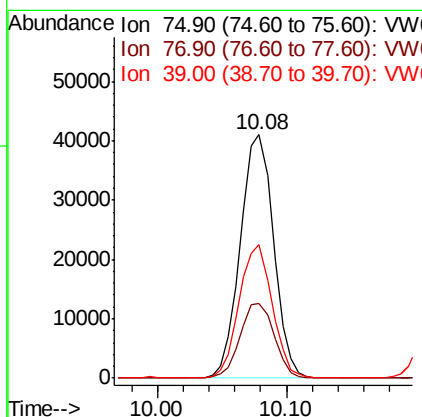
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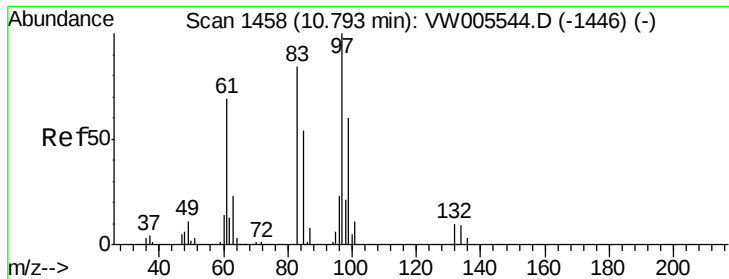
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#54
cis-1,3-Dichloropropene
Concen: 20.909 ug/l
RT: 10.08 min Scan# 1341
Delta R.T. -0.00 min
Lab File: VW005693.D
Acq: 27 Sep 2018 12:17

Tgt Ion: 75 Resp: 73476
Ion Ratio Lower Upper
75 100
77 30.8 24.3 36.5
39 54.9 43.7 65.5





#55

1,1,2-Trichloroethane

Concen: 20.728 ug/l

RT: 10.79 min Scan# 1458

Delta R.T. -0.00 min

Lab File: VW005693.D

Acq: 27 Sep 2018 12:17

Instrument :

MSVOA_W

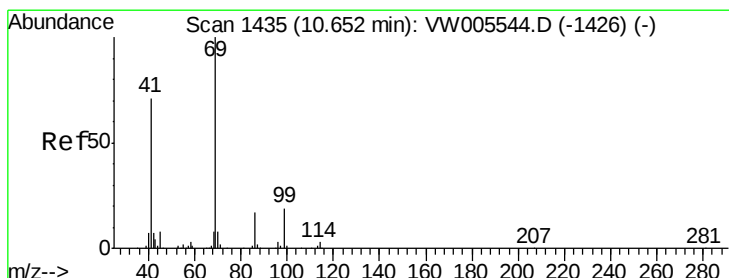
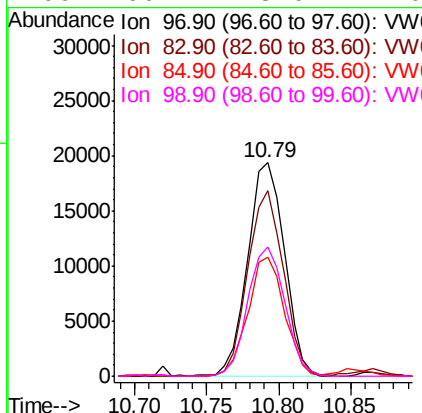
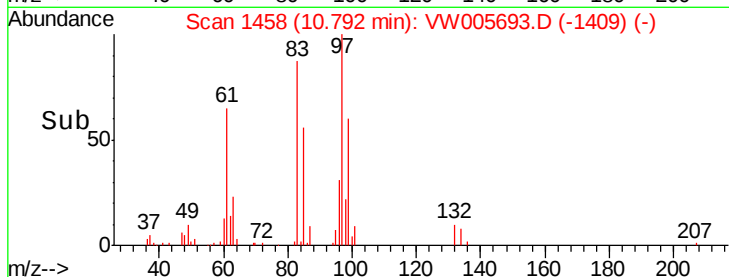
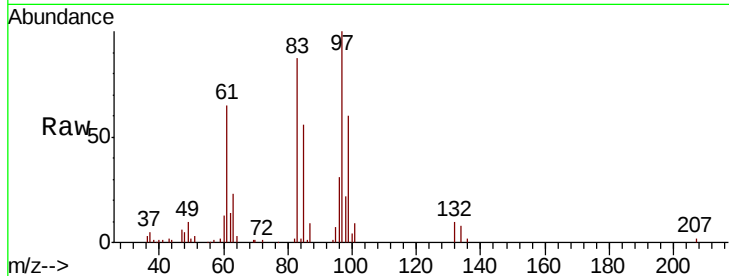
ClientSampleId :

VW0927SBS01

Tot Ion:	97	Resp:	34266
Ion	Ratio	Lower	Upper
97	100		
83	86.7	67.4	101.2
85	56.0	43.3	64.9
99	60.4	48.0	72.0

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#56

Ethyl methacrylate

Concen: 20.053 ug/l

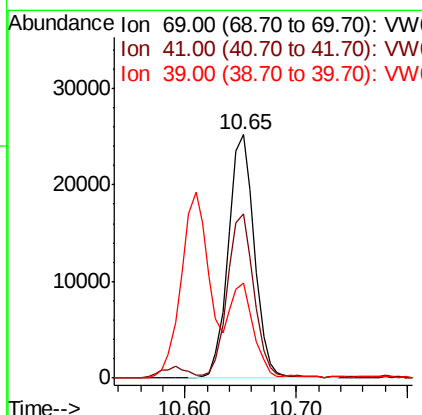
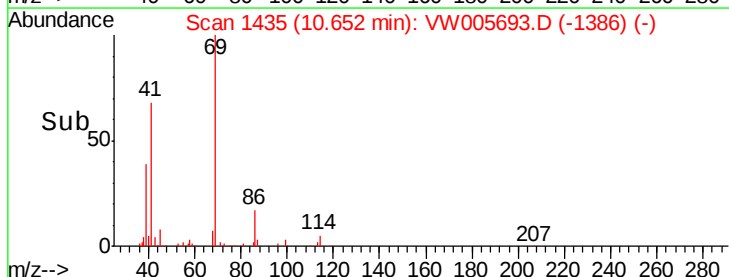
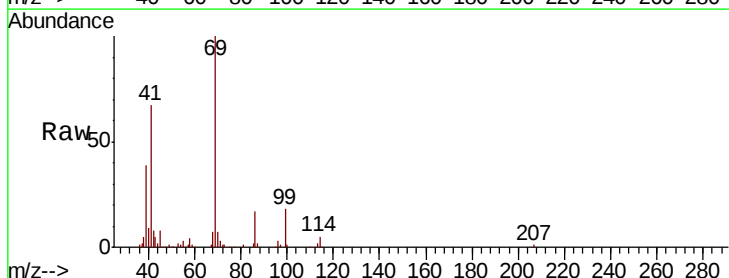
RT: 10.65 min Scan# 1435

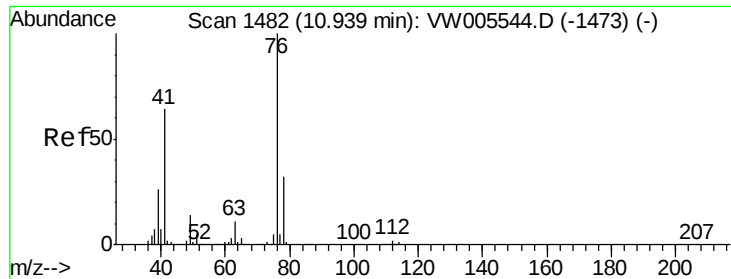
Delta R.T. -0.00 min

Lab File: VW005693.D

Acq: 27 Sep 2018 12:17

Tgt Ion:	69	Resp:	40924
Ion	Ratio	Lower	Upper
69	100		
41	69.0	57.3	85.9
39	35.2	29.2	43.8





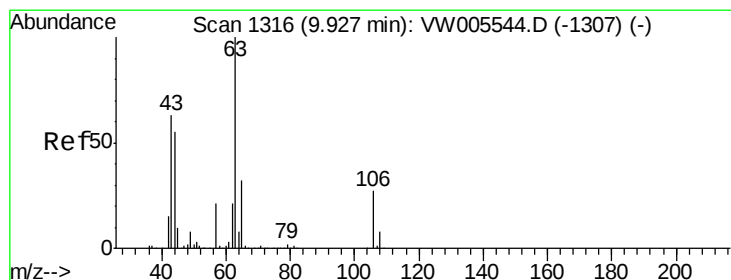
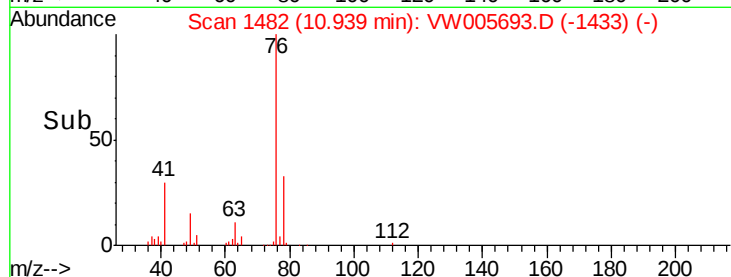
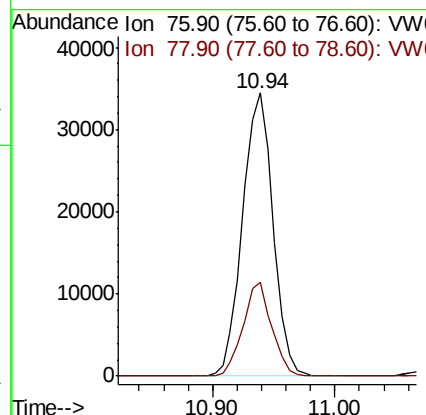
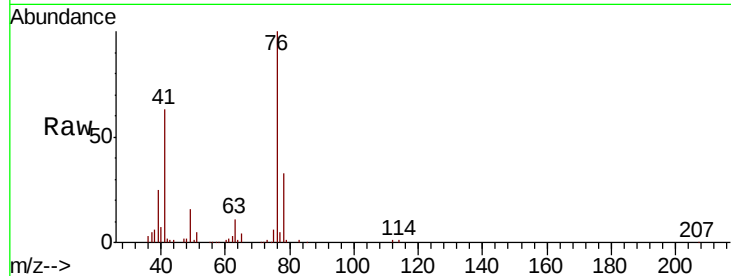
#57
 1,3-Dichloropropane
 Concen: 20.285 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: VW005693.D
 Acq: 27 Sep 2018 12:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0927SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.4	25.6	38.4

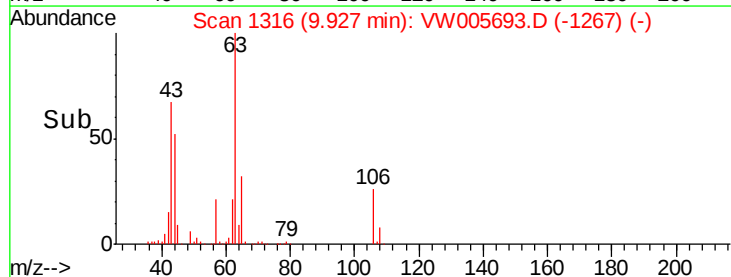
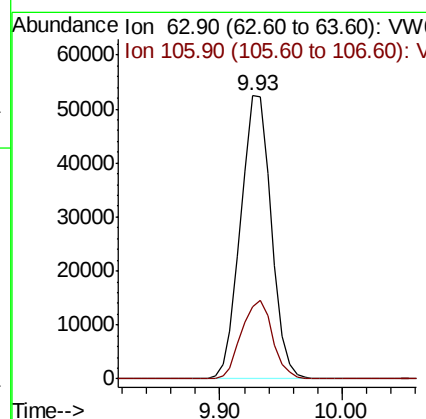
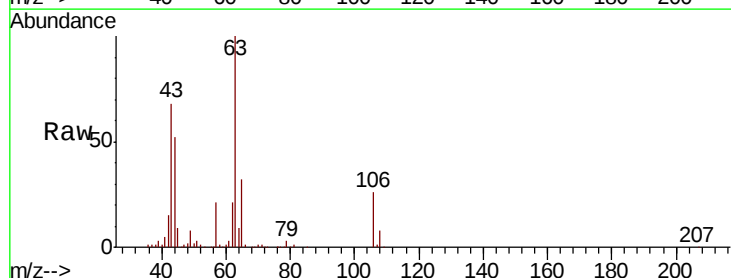
Manual Integrations
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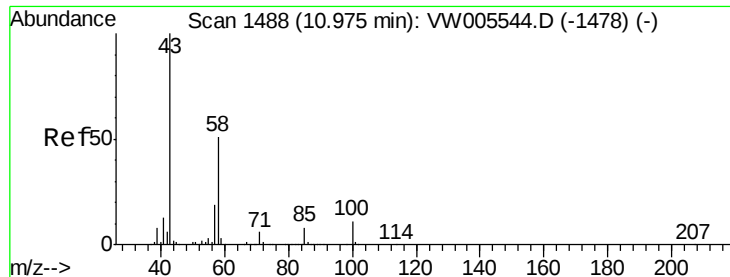
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 9/28/2018 11:06:22 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 98.419 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW005693.D
 Acq: 27 Sep 2018 12:17

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.2	21.6	32.4





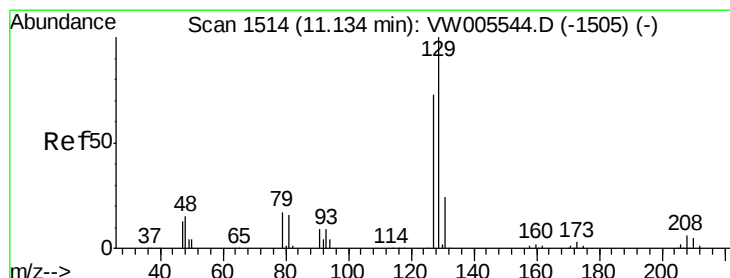
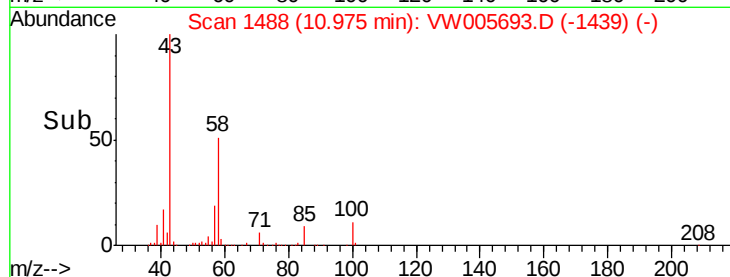
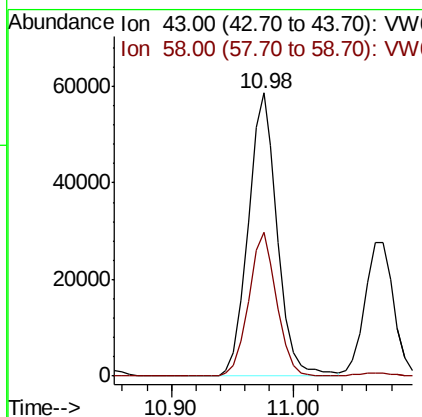
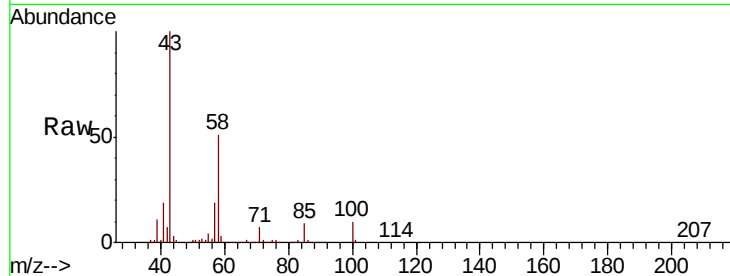
#59
2-Hexanone
Concen: 102.093 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005693.D
Acq: 27 Sep 2018 12:17

Instrument :
MSVOA_W
ClientSampleId :
VW0927SBSD01

Tot Ion	43	Resp	96643
Ion Ratio	43	100	
Lower	58	49.0	25.3
Upper			75.9

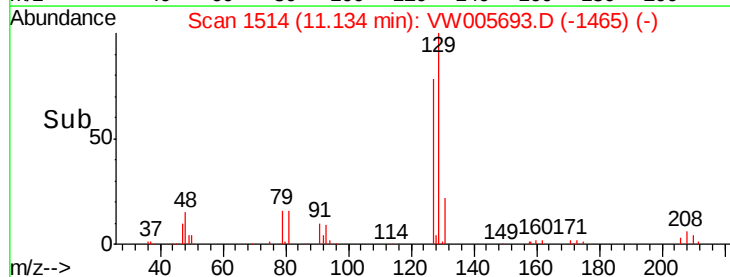
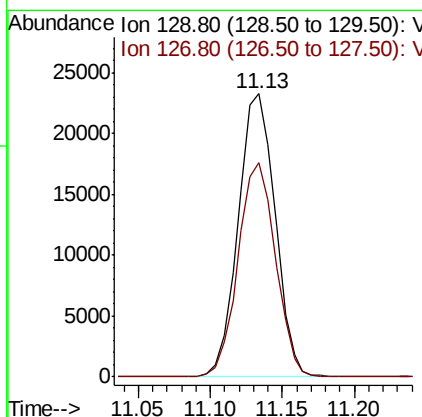
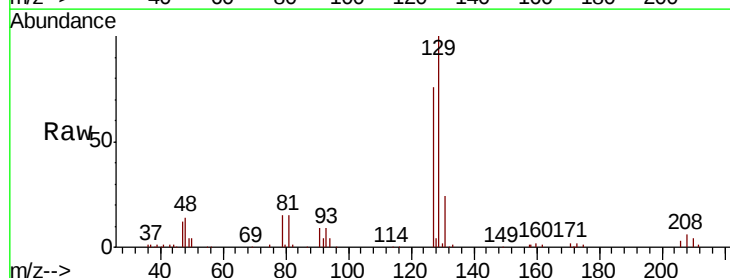
Manual Integrations
APPROVED

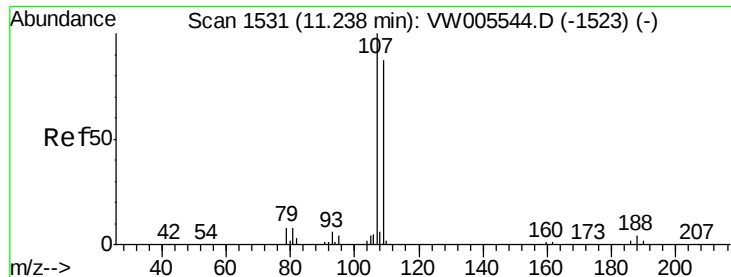
MMDadoda
9/28/2018 11:06:22 AM



#60
Dibromochloromethane
Concen: 20.727 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW005693.D
Acq: 27 Sep 2018 12:17

Tgt Ion	129	Resp	41402
Ion Ratio	129	100	
Lower	127	76.5	38.5
Upper			115.5





#61

1,2-Dibromoethane

Concen: 19.996 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW005693.D

Acq: 27 Sep 2018 12:17

Instrument :

MSVOA_W

ClientSampleId :

VW0927SBSD01

Tot Ion:107 Resp: 30821

Ion Ratio Lower Upper

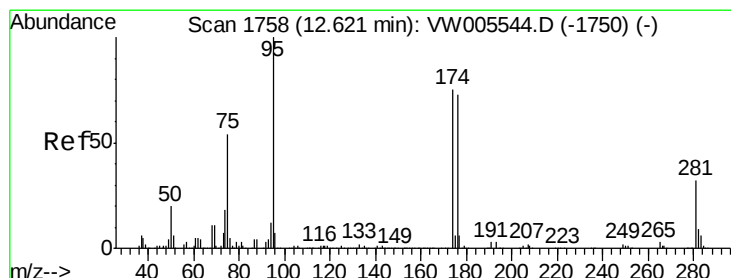
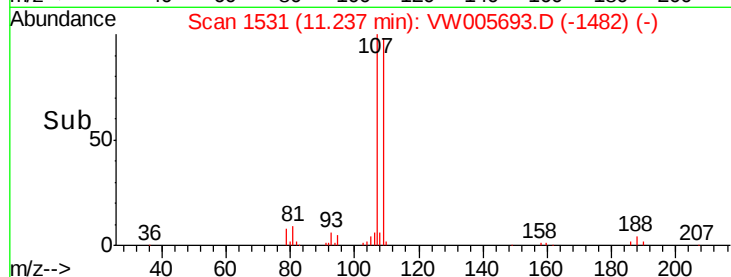
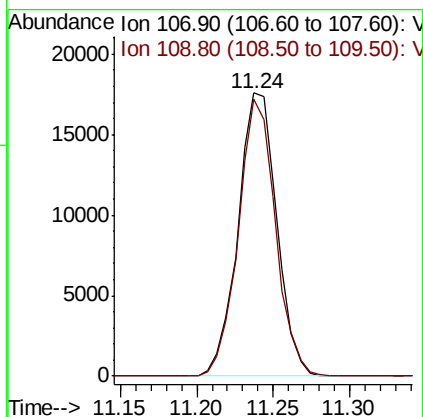
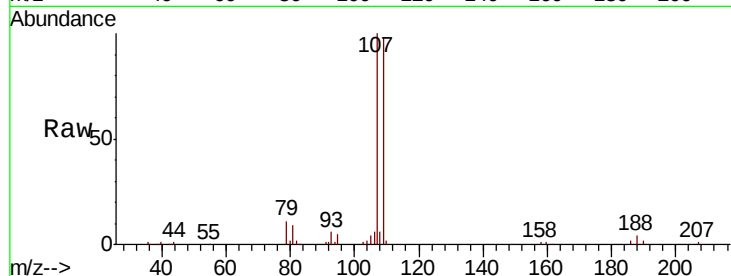
107 100

109 93.9 73.4 110.0

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#62

4-Bromofluorobenzene

Concen: 51.456 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005693.D

Acq: 27 Sep 2018 12:17

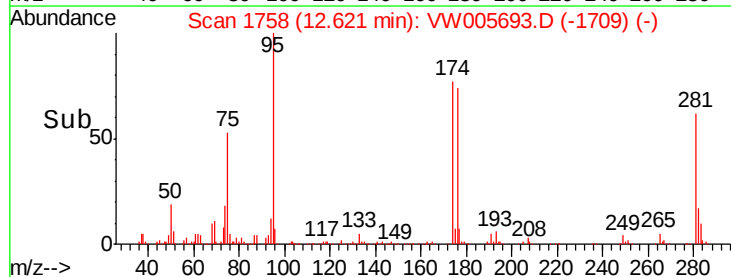
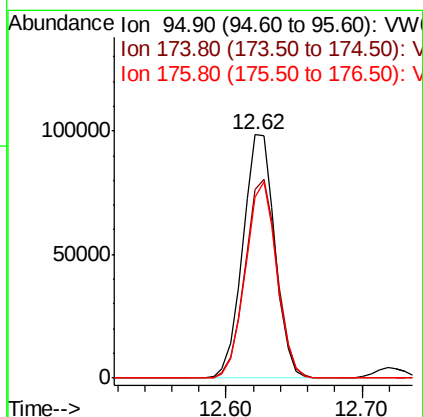
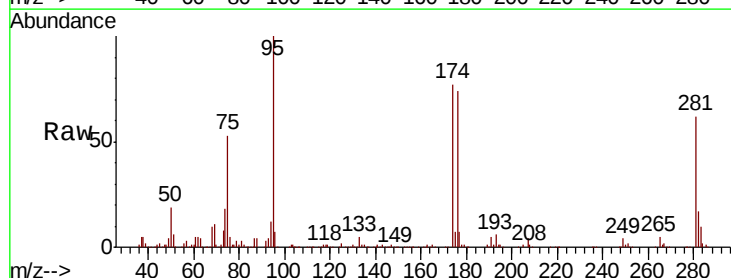
Tgt Ion: 95 Resp: 161946

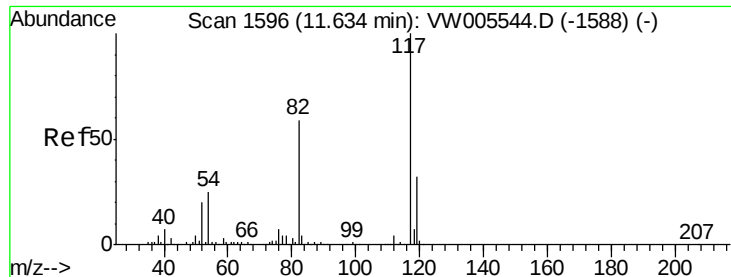
Ion Ratio Lower Upper

95 100

174 81.8 0.0 163.8

176 79.0 0.0 158.0





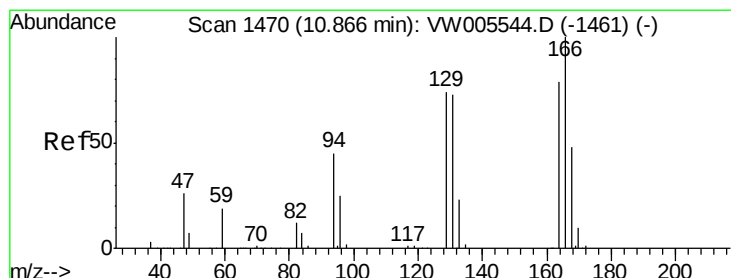
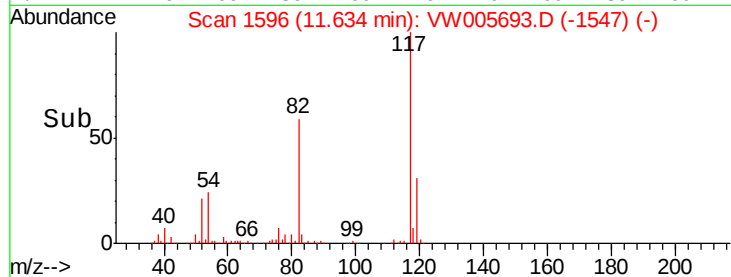
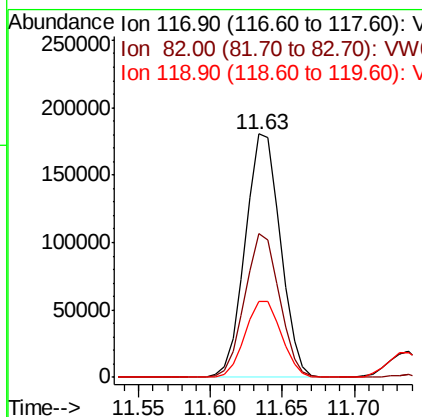
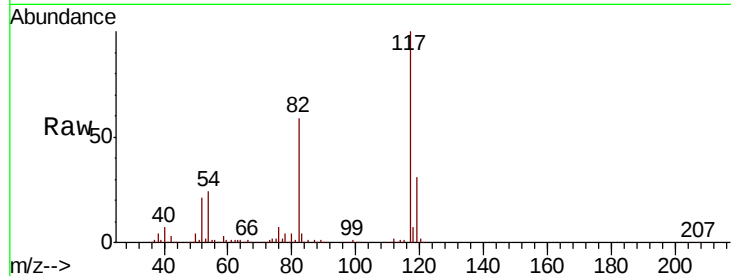
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005693.D
Acq: 27 Sep 2018 12:17

Instrument :
MSVOA_W
ClientSampleId :
VW0927SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	305047		
82	58.8	46.9	70.3	
119	31.0	25.7	38.5	

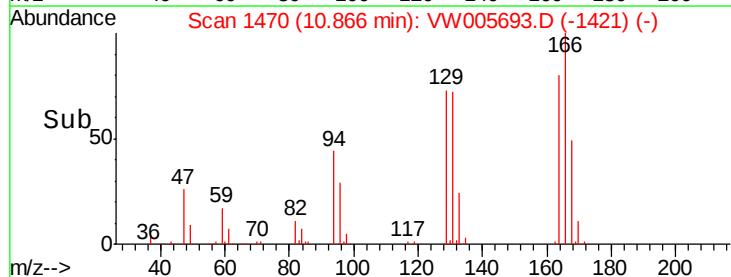
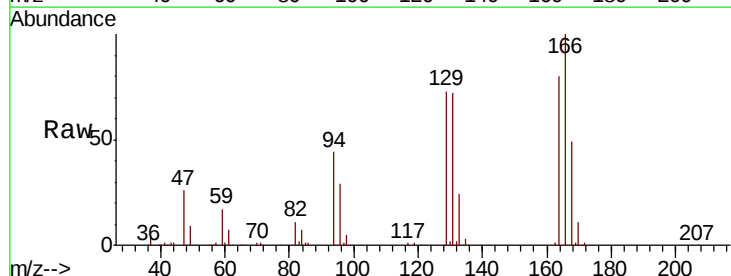
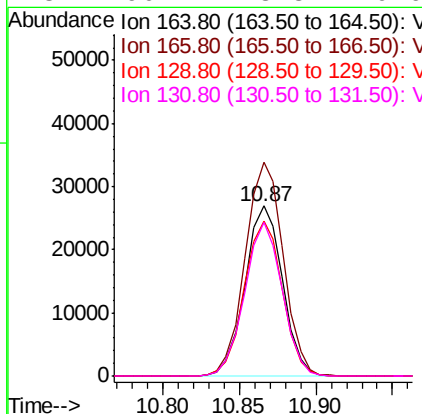
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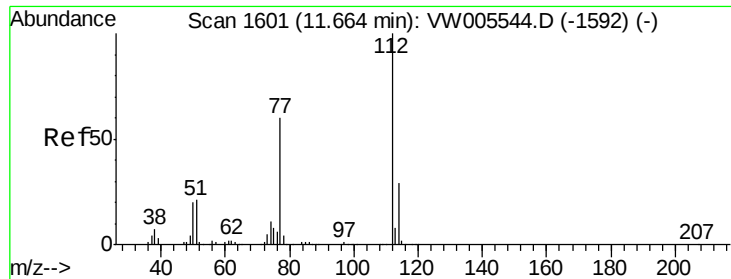
MMDadoda
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#64
Tetrachloroethene
Concen: 21.098 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005693.D
Acq: 27 Sep 2018 12:17

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	45679		
166	125.5	101.1	151.7	
129	91.0	74.4	111.6	
131	90.4	73.8	110.6	





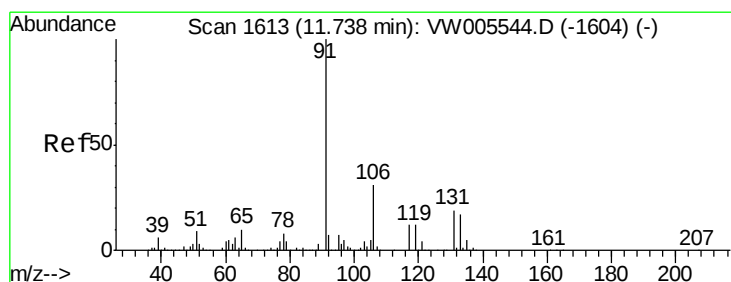
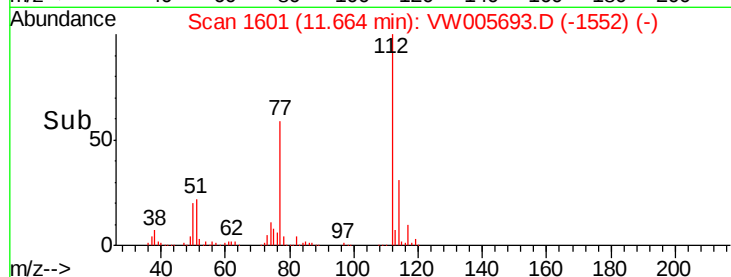
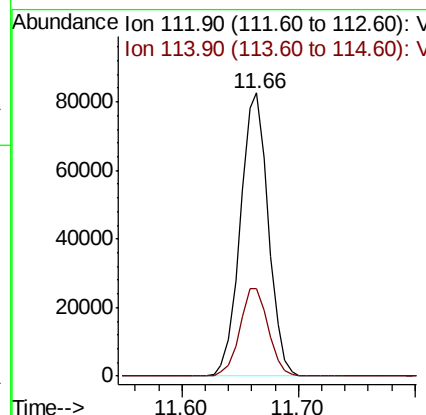
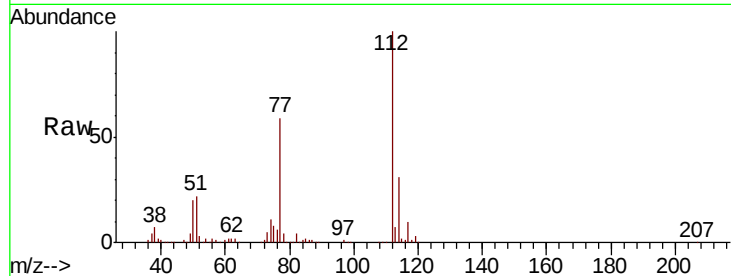
#65
Chlorobenzene
Concen: 21.328 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW005693.D
Acq: 27 Sep 2018 12:17

Instrument :
MSVOA_W
ClientSampleId :
VW0927SBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	30.8	22.9	34.3

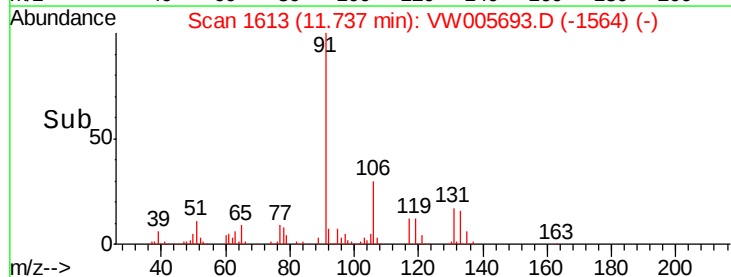
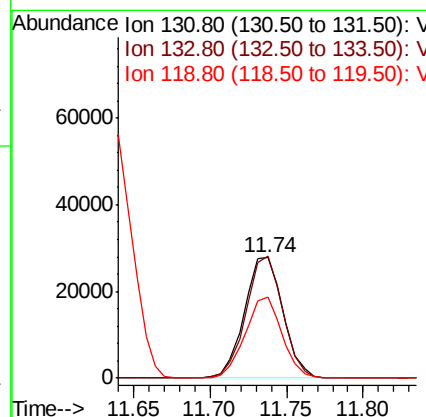
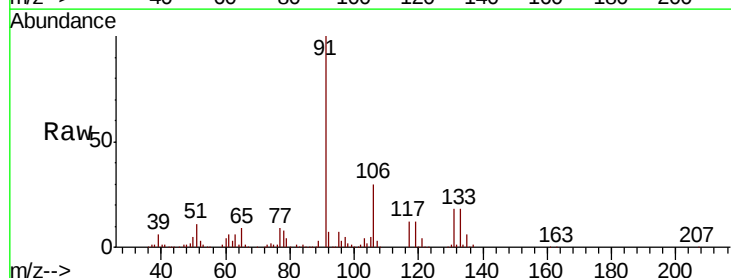
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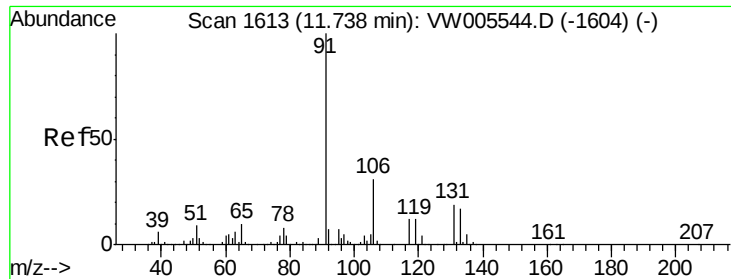
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.865 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005693.D
Acq: 27 Sep 2018 12:17

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.5	47.2	141.6
119	64.6	31.1	93.2





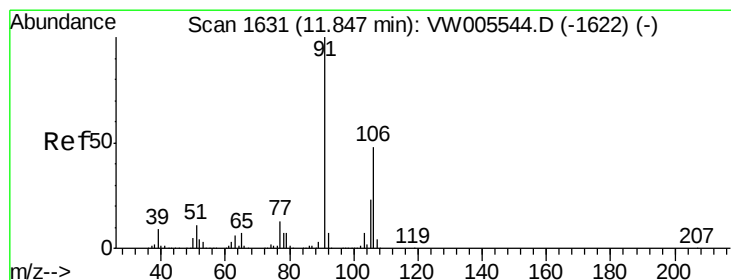
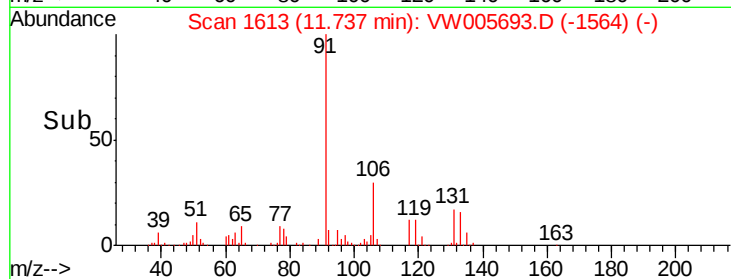
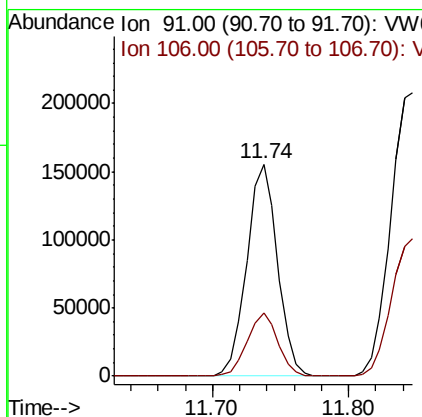
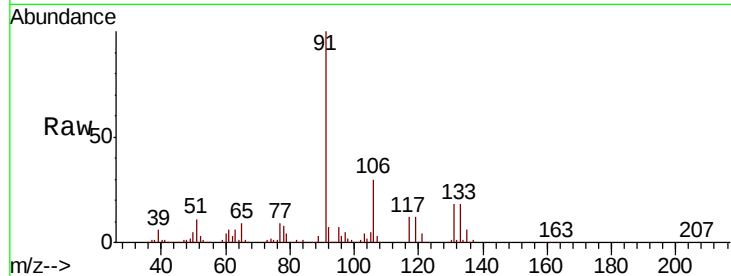
#67
Ethyl Benzene
Concen: 21.354 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005693.D
Acq: 27 Sep 2018 12:17

Instrument :
MSVOA_W
ClientSampleId :
VW0927SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
106	29.9	24.4	36.6

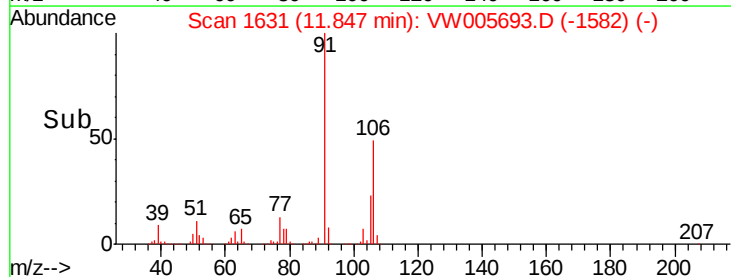
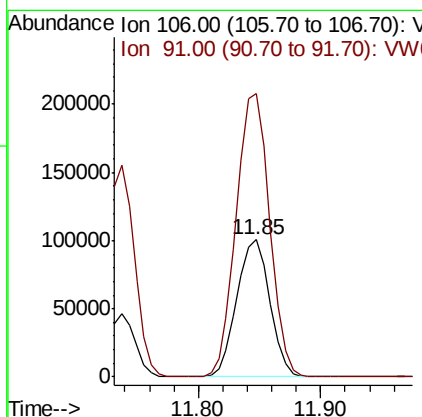
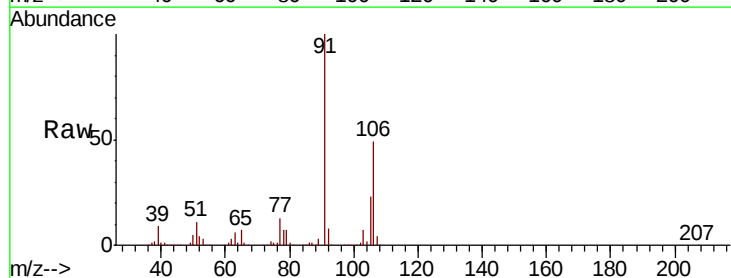
Manual Integrations
APPROVED

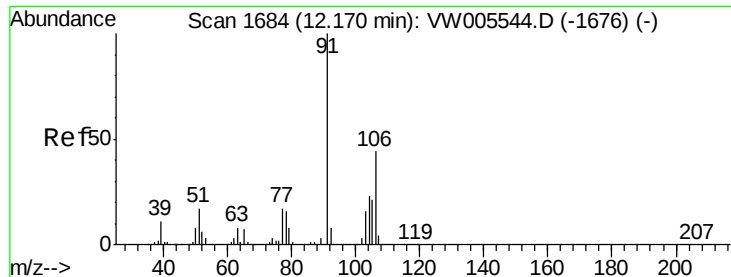
MMDadoda
9/28/2018 11:06:22 AM



#68
m/p-Xylenes
Concen: 43.411 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW005693.D
Acq: 27 Sep 2018 12:17

Tgt Ion	Ratio	Lower	Upper
106	100		
91	209.2	167.8	251.8





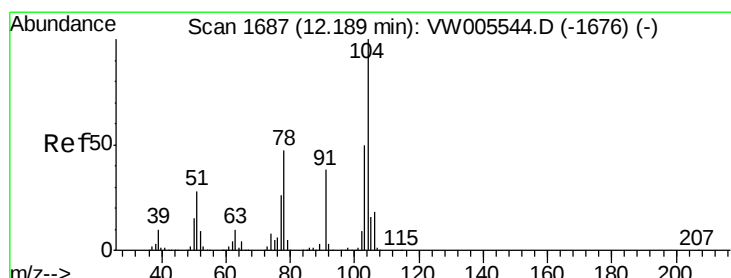
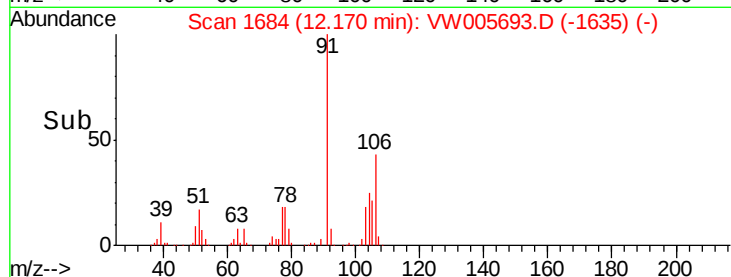
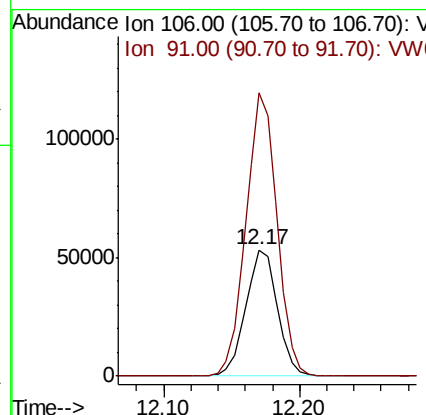
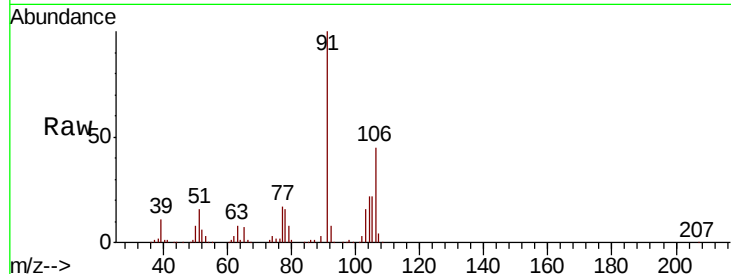
#69
o-Xylene
Concen: 21.226 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005693.D
Acq: 27 Sep 2018 12:17

Instrument :
MSVOA_W
ClientSampleId :
VW0927SBSD01

Tot Ion	Ratio	Lower	Upper
106	100		
91	221.4	111.0	333.0

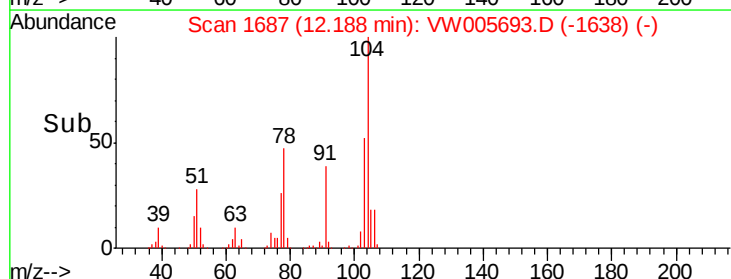
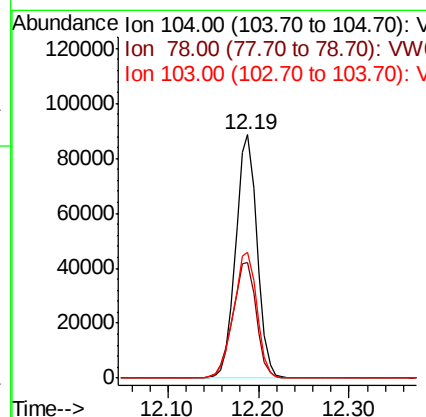
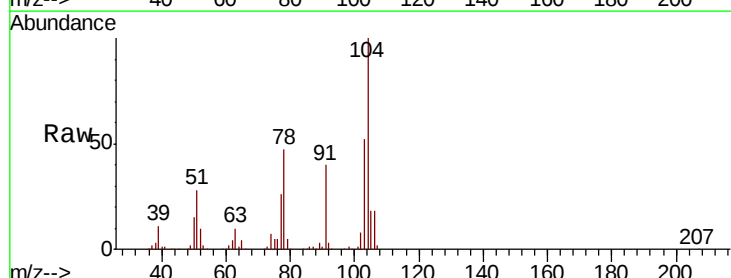
Manual Integrations
APPROVED

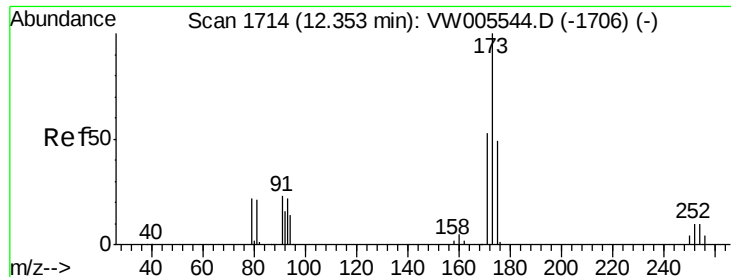
MMDadoda
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#70
Styrene
Concen: 21.190 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005693.D
Acq: 27 Sep 2018 12:17

Tgt Ion	Ratio	Lower	Upper
104	100		
78	52.5	42.2	63.4
103	56.4	44.6	66.8





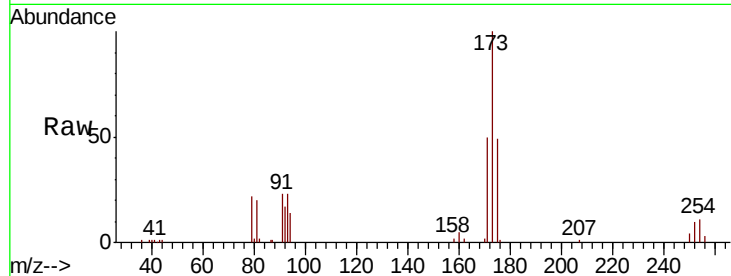
#71
Bromoform
Concen: 19.987 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. -0.00 min
Lab File: VW005693.D
Acq: 27 Sep 2018 12:17

Instrument :
MSVOA_W
ClientSampleId :
VW0927SBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.3	72.9
254	0.0	0.1	0.1#

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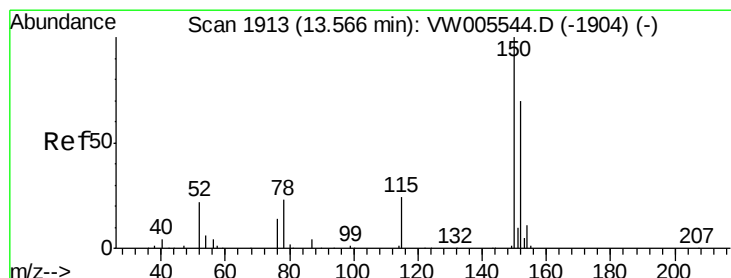
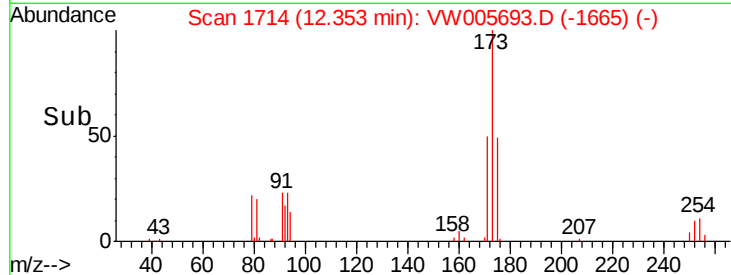
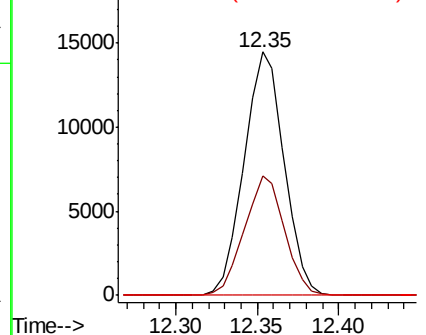


Abundance

Ion 172.70 (172.40 to 173.40): V

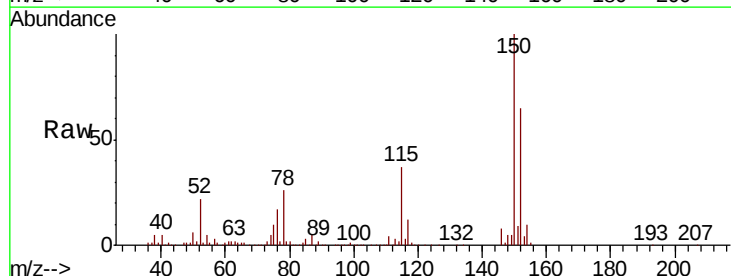
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005693.D
Acq: 27 Sep 2018 12:17

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.4	30.0	90.0
150	162.7	0.0	348.6

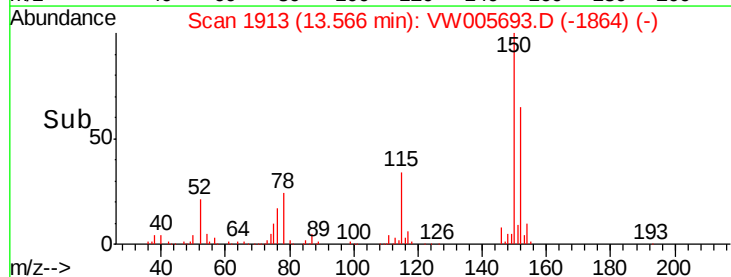
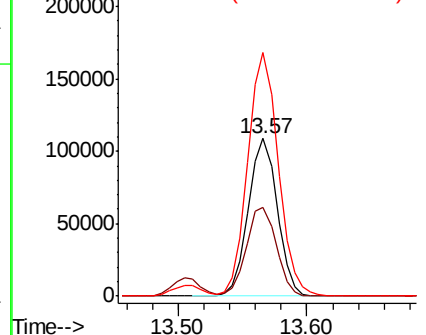


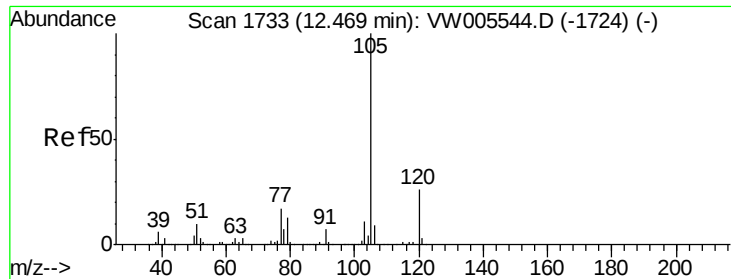
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.492 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005693.D

Acq: 27 Sep 2018 12:17

Instrument :

MSVOA_W

ClientSampleId :

VW0927SBS01

Tot Ion:105 Resp: 251414

Ion Ratio Lower Upper

105 100

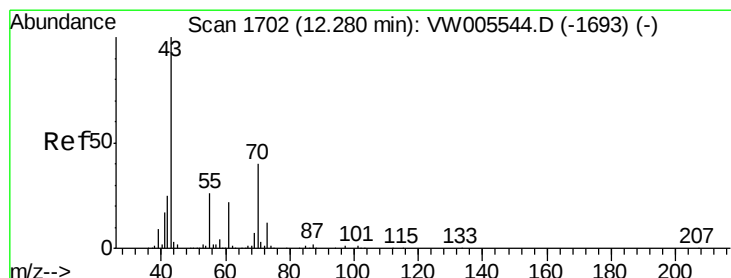
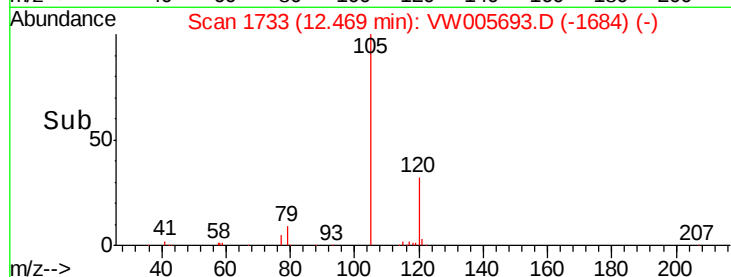
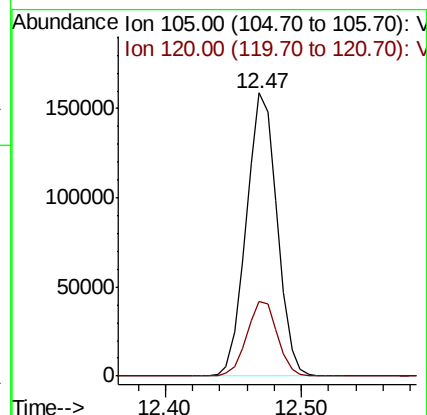
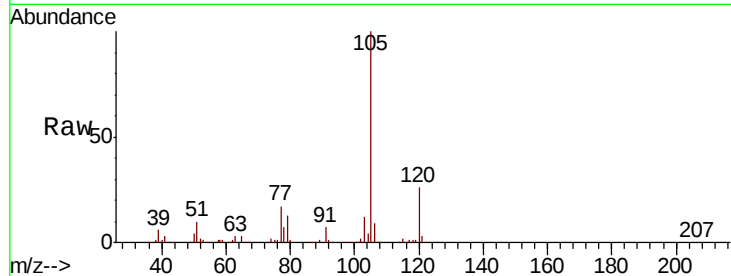
120 26.1 12.9 38.7

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#74

N-ethyl acetate

Concen: 18.778 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005693.D

Acq: 27 Sep 2018 12:17

Tgt Ion: 43 Resp: 49740

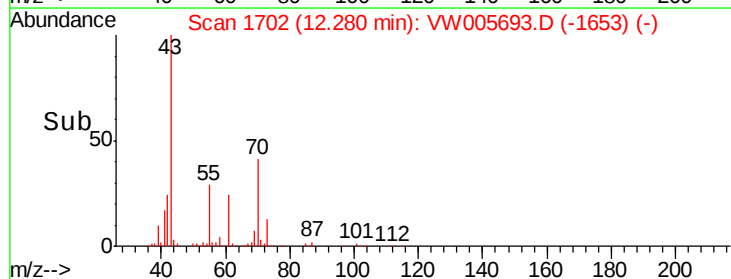
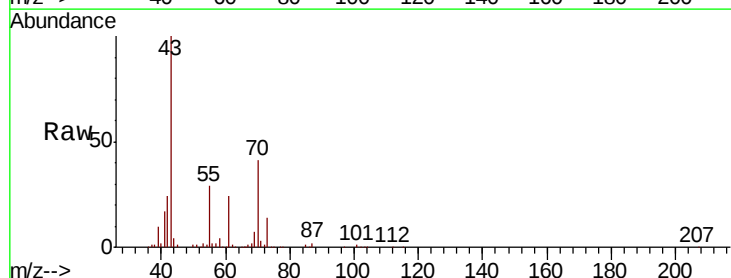
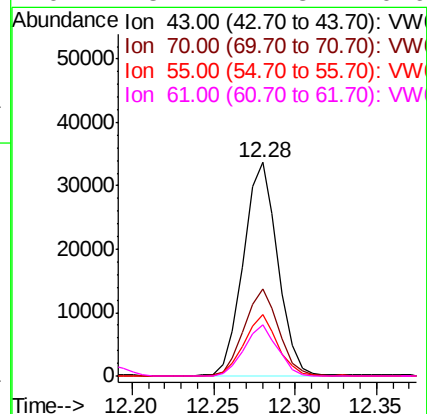
Ion Ratio Lower Upper

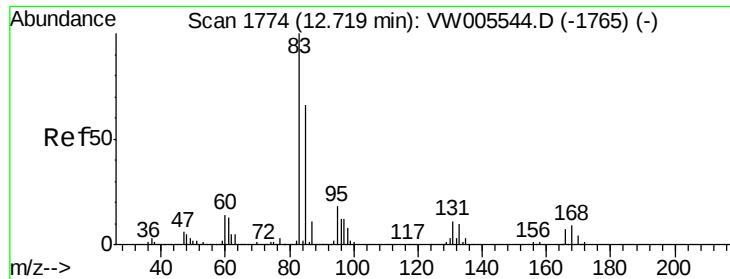
43 100

70 40.5 31.4 47.0

55 27.8 20.9 31.3

61 23.1 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.718 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005693.D

Acq: 27 Sep 2018 12:17

Instrument :

MSVOA_W

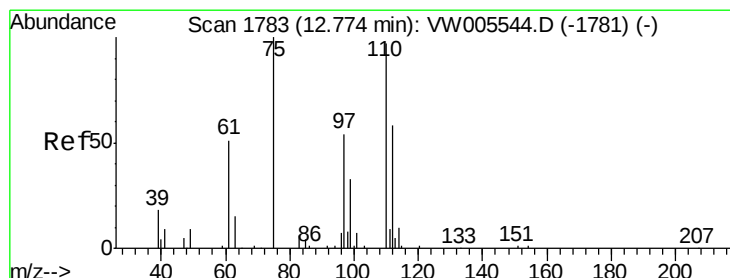
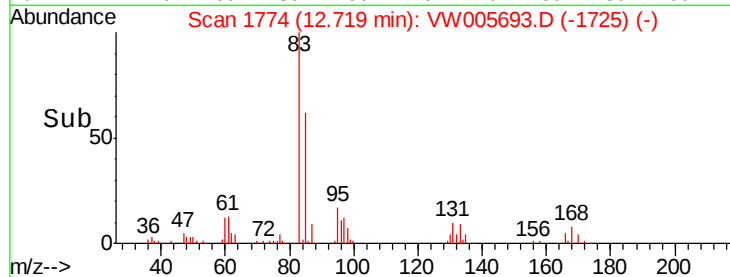
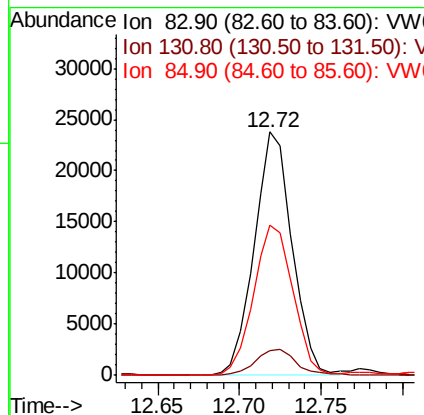
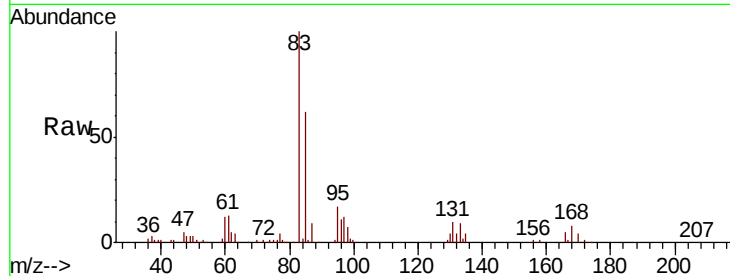
ClientSampleId :

VW0927SBSD01

Tot Ion:	83	Resp:	38313
Ion Ratio	Lower	Upper	
83	100		
131	11.7	5.5	16.7
85	64.1	32.4	97.0

Manual Integrations
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9/28/2018 11:06:22 AM



#76

1,2,3-Trichloropropane

Concen: 19.165 ug/l m

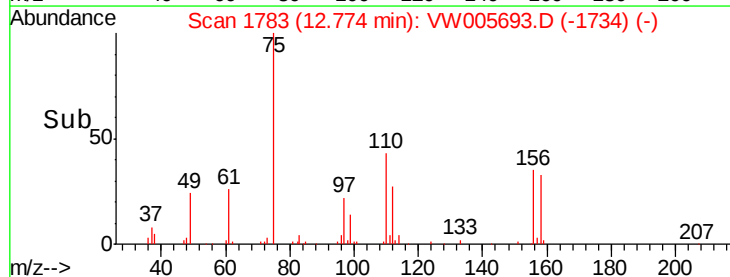
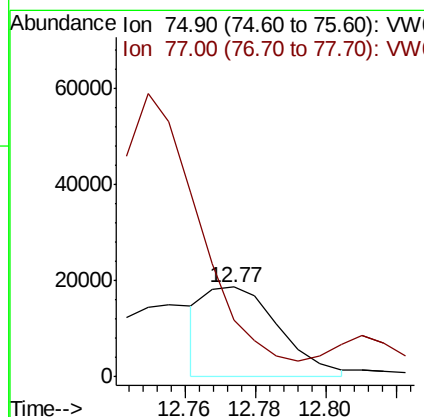
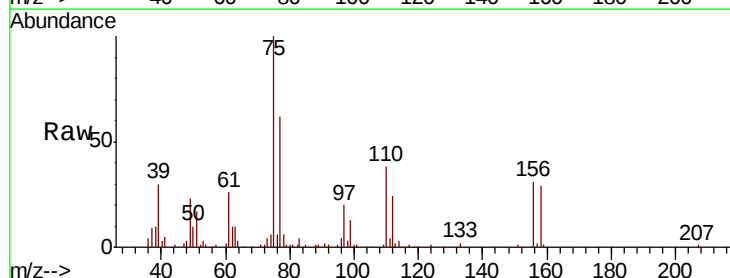
RT: 12.77 min Scan# 1783

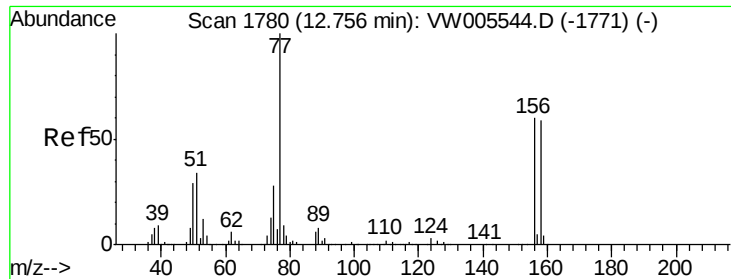
Delta R.T. -0.00 min

Lab File: VW005693.D

Acq: 27 Sep 2018 12:17

Tgt Ion:	75	Resp:	27559
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.731 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.01 min

Lab File: VW005693.D

Acq: 27 Sep 2018 12:17

Instrument :

MSVOA_W

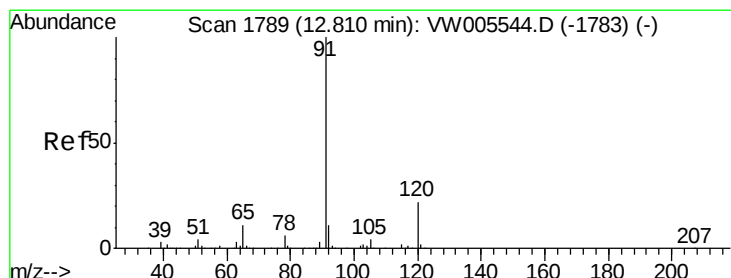
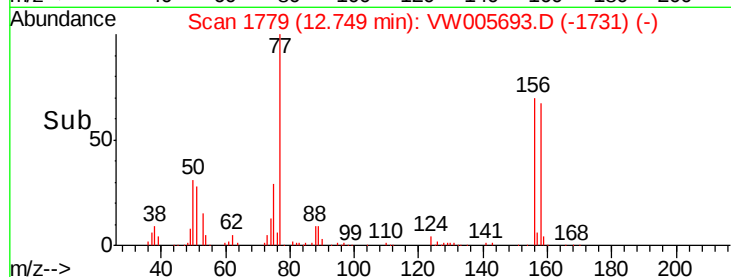
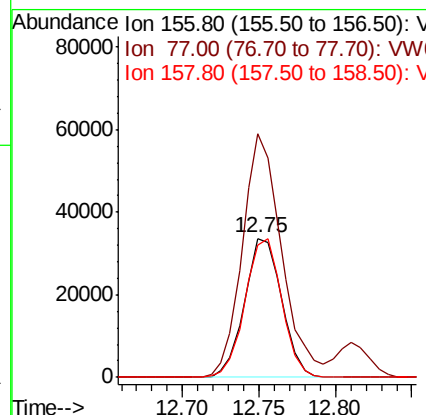
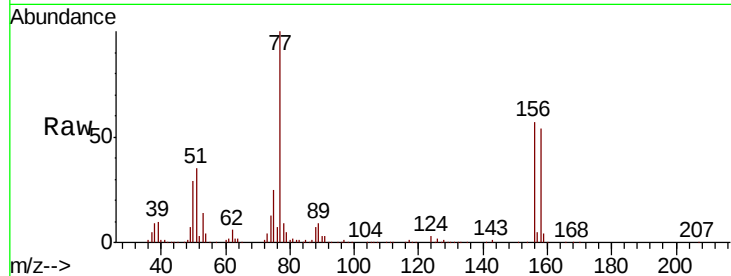
ClientSampleId :

VW0927SBSD01

Tot Ion:	156	Resp:	56841
Ion	Ratio	Lower	Upper
156	100		
77	185.5	94.7	284.1
158	98.4	48.0	144.2

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#78

n-propylbenzene

Concen: 21.551 ug/l

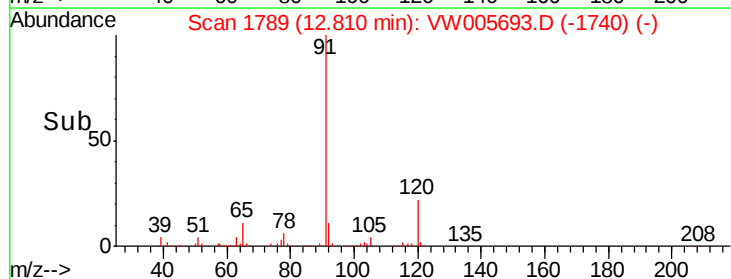
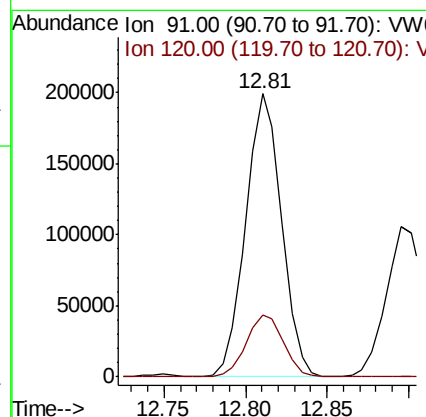
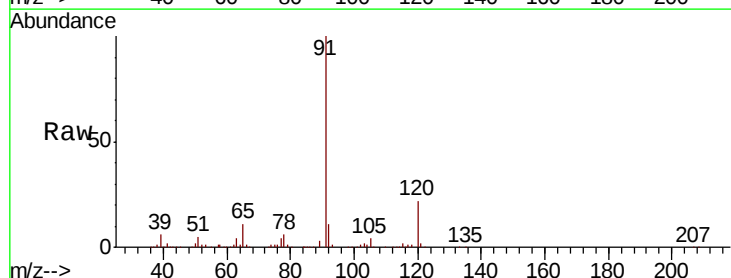
RT: 12.81 min Scan# 1789

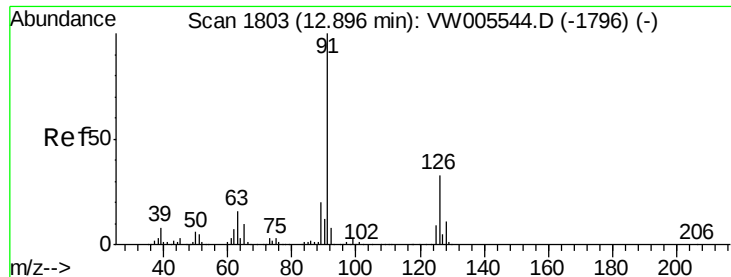
Delta R.T. -0.00 min

Lab File: VW005693.D

Acq: 27 Sep 2018 12:17

Tgt Ion:	91	Resp:	305217
Ion	Ratio	Lower	Upper
91	100		
120	22.6	11.2	33.5





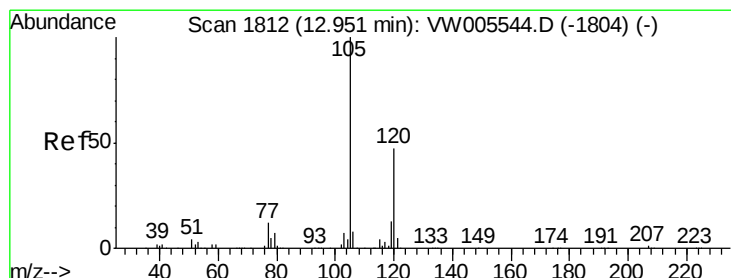
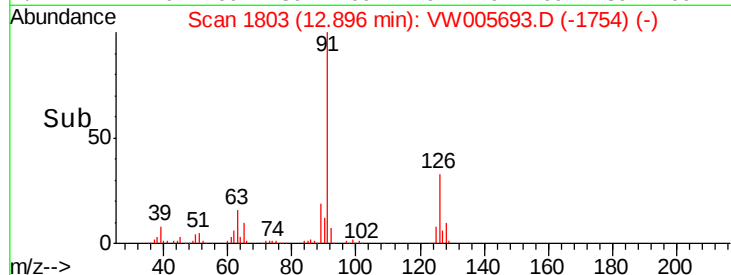
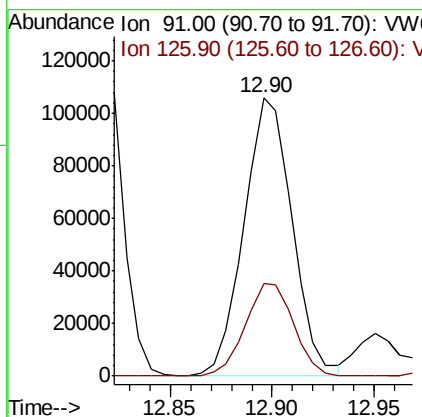
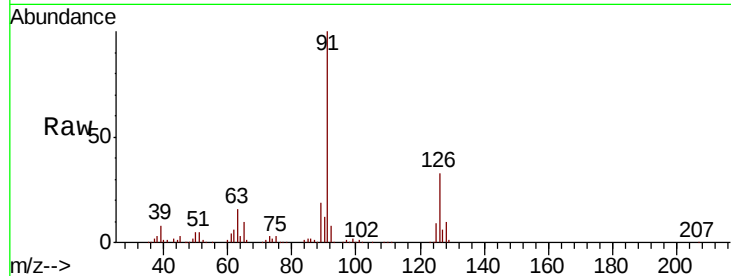
#79
 2-Chlorotoluene
 Concen: 21.236 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW005693.D
 Acq: 27 Sep 2018 12:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0927SBSD01

Tot Ion: 91 Resp: 174008
 Ion Ratio Lower Upper
 91 100
 126 33.4 16.4 49.1

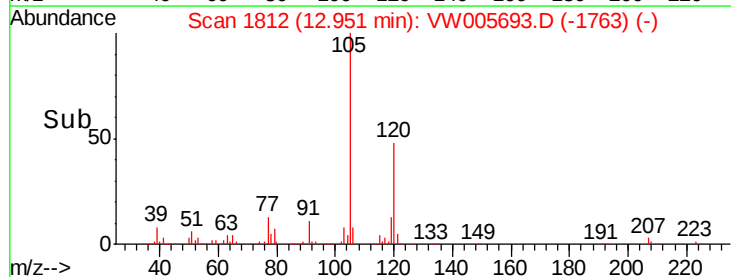
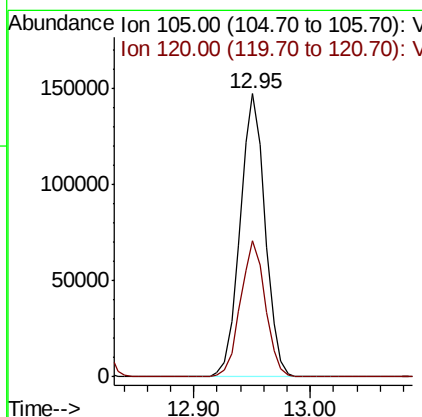
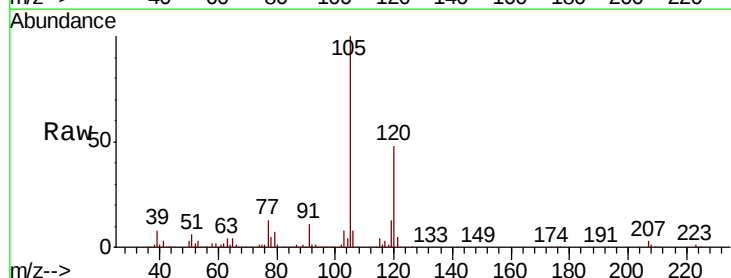
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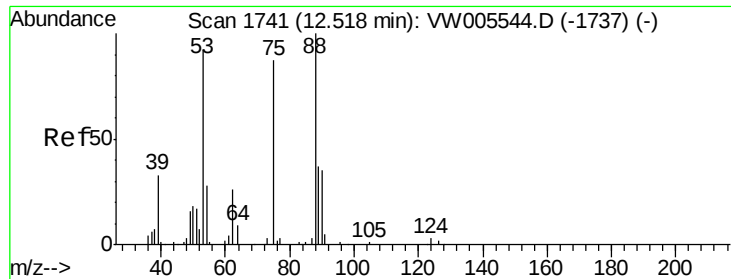
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#80
 1,3,5-Trimethylbenzene
 Concen: 21.699 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW005693.D
 Acq: 27 Sep 2018 12:17

Tgt Ion:105 Resp: 220720
 Ion Ratio Lower Upper
 105 100
 120 47.6 23.6 70.8





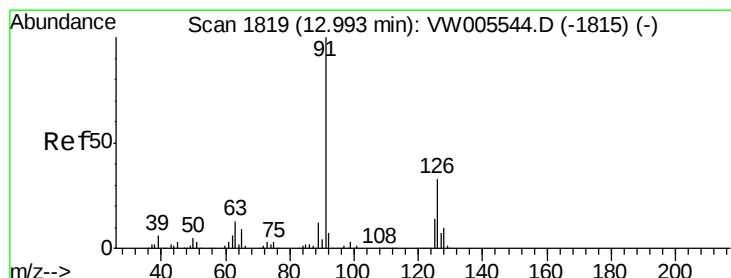
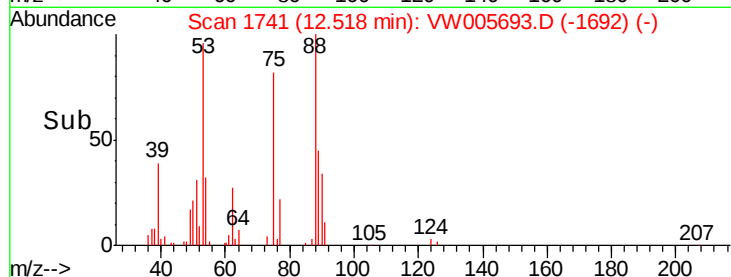
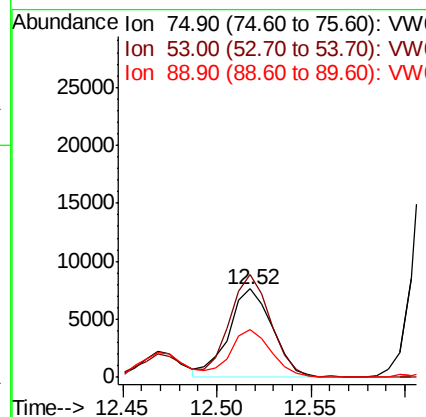
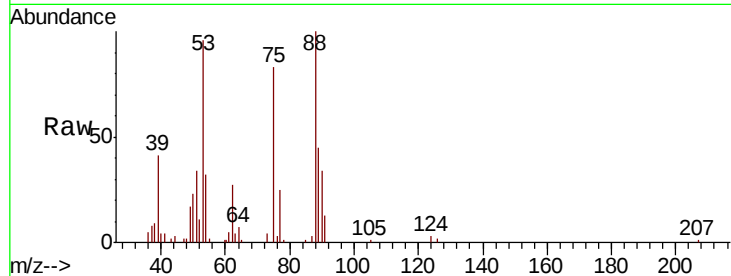
#81
trans-1,4-Dichloro-2-butene
Concen: 19.230 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW005693.D
Acq: 27 Sep 2018 12:17

Instrument :
MSVOA_W
ClientSampleId :
VW0927SBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	111.1	85.8	128.6
89	50.1	37.3	55.9

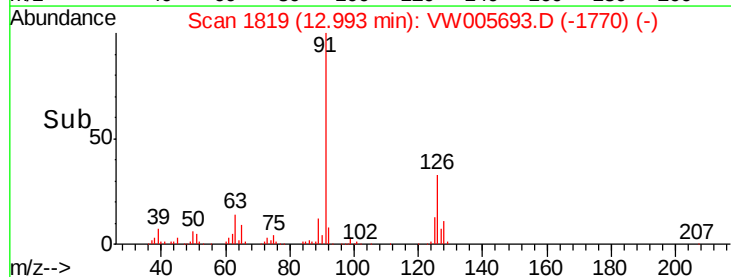
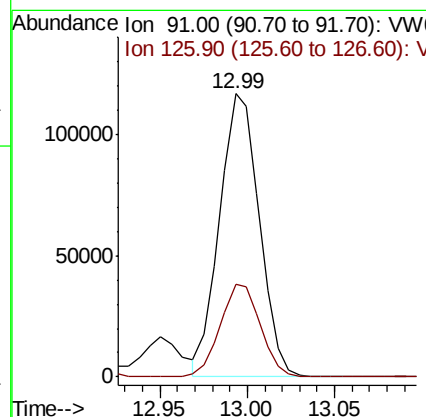
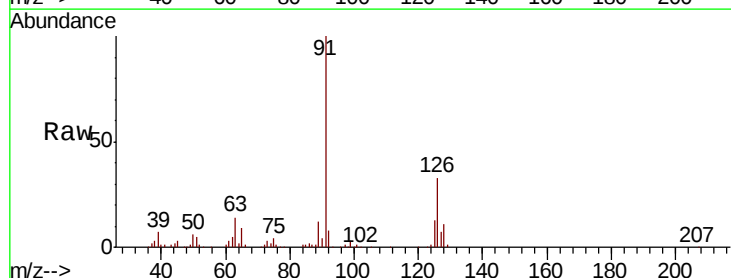
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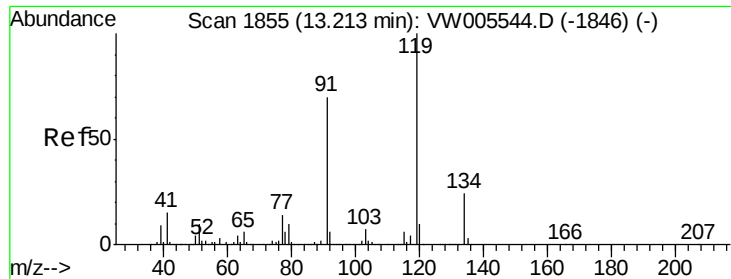
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#82
4-Chlorotoluene
Concen: 21.270 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW005693.D
Acq: 27 Sep 2018 12:17

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.2	16.4	49.4





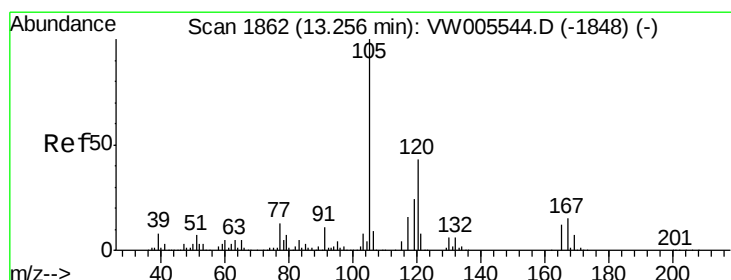
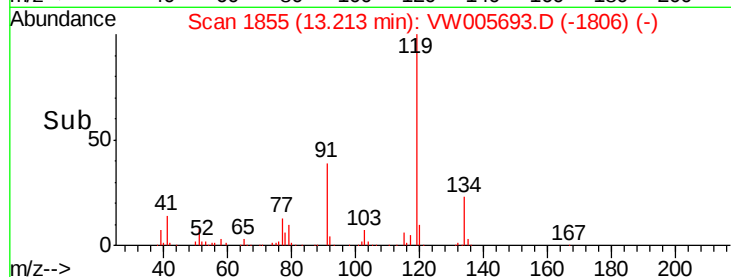
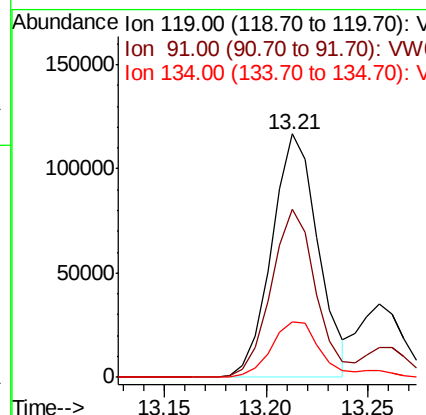
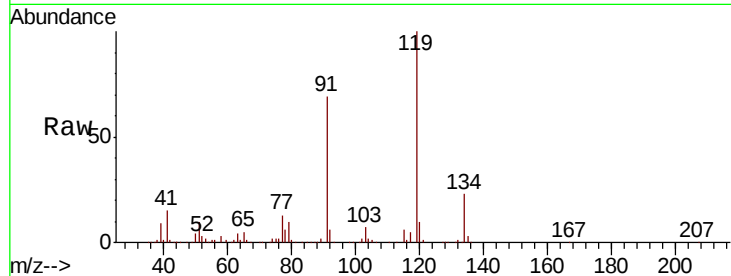
#83
tert-Butylbenzene
Concen: 21.684 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW005693.D
Acq: 27 Sep 2018 12:17

Instrument :
MSVOA_W
ClientSampleId :
VW0927SBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	67.2	34.6	103.8
134	25.7	12.6	37.6

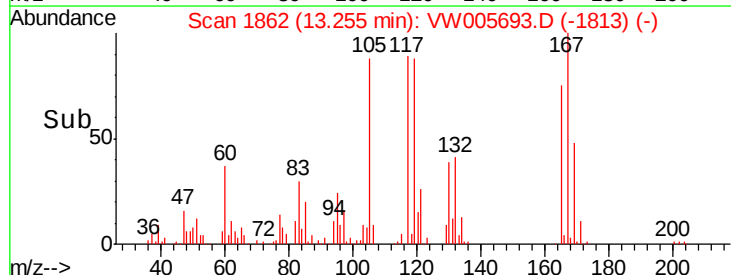
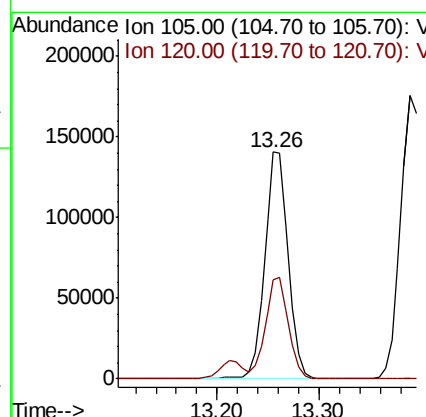
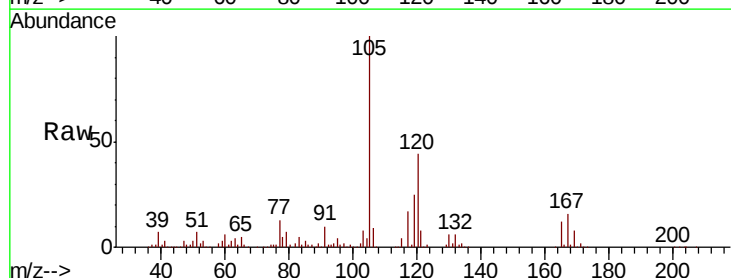
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#84
1,2,4-Trimethylbenzene
Concen: 21.852 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW005693.D
Acq: 27 Sep 2018 12:17

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.7	21.5	64.5





#85

sec-Butylbenzene

Concen: 21.915 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW005693.D

Acq: 27 Sep 2018 12:17

Instrument :

MSVOA_W

ClientSampleId :

VW0927SBS01

Tot Ion:105 Resp: 271616

Ion Ratio Lower Upper

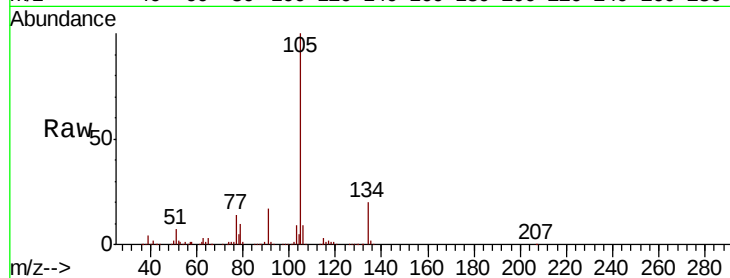
105 100

134 19.8 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

200000

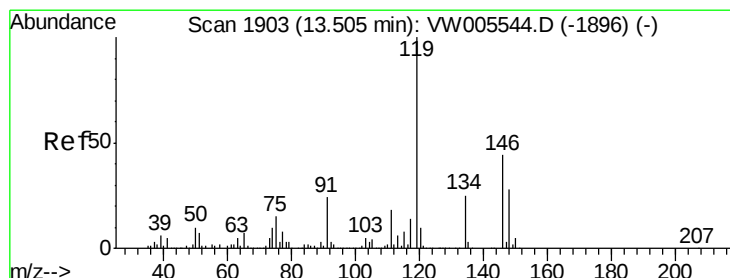
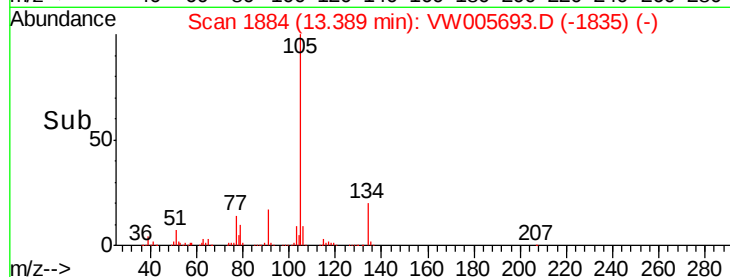
150000

100000

50000

0

Time--> 13.30 13.40



#86

p-Isopropyltoluene

Concen: 21.876 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005693.D

Acq: 27 Sep 2018 12:17

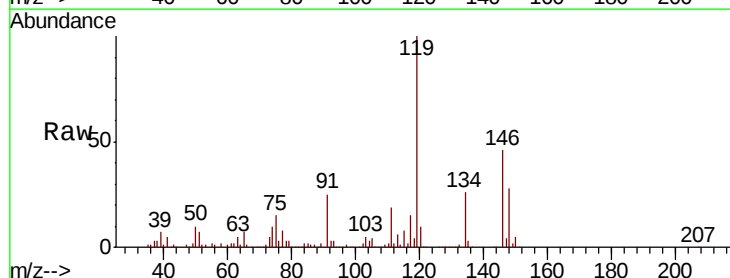
Tgt Ion:119 Resp: 243019

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

200000

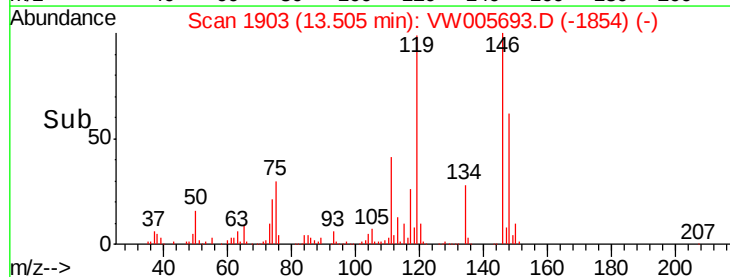
150000

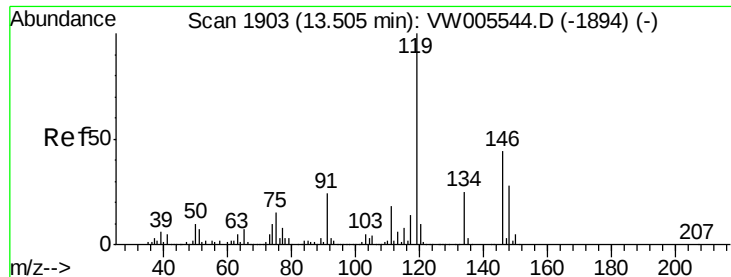
100000

50000

0

Time--> 13.45 13.50 13.55 13.60





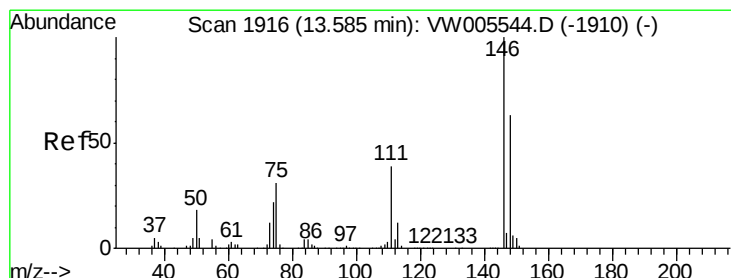
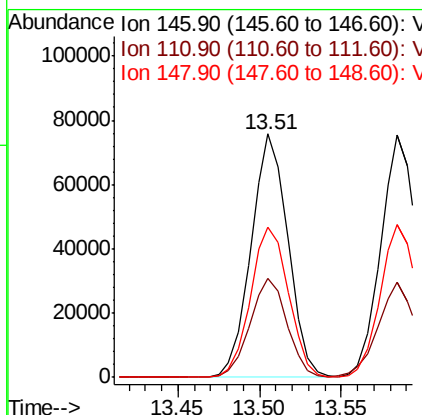
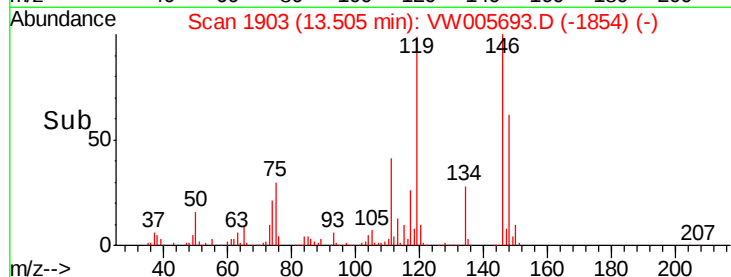
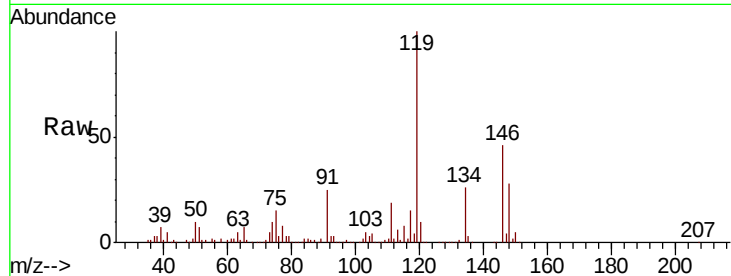
#87
 1,3-Dichlorobenzene
 Concen: 21.225 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005693.D
 Acq: 27 Sep 2018 12:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0927SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	118994		
111	41.0	20.3	60.9	
148	63.6	31.8	95.4	

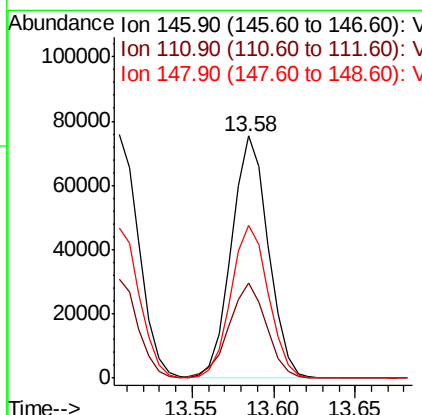
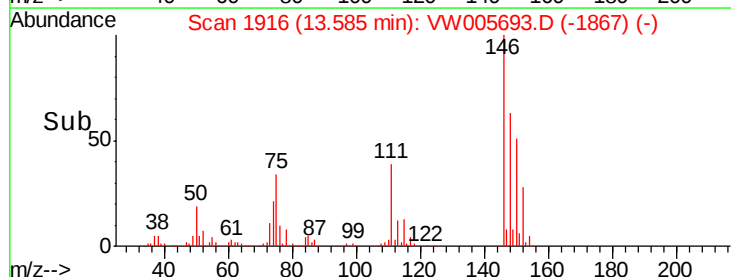
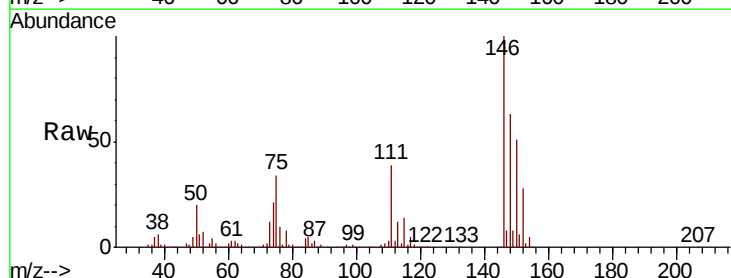
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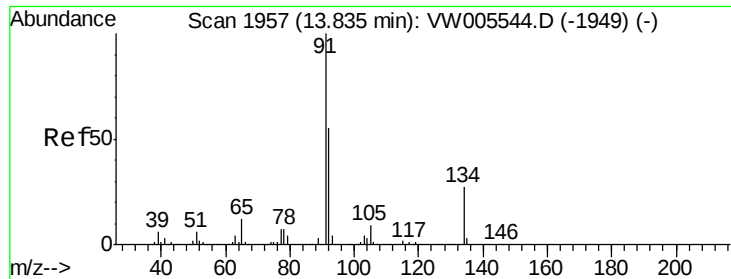
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#88
 1,4-Dichlorobenzene
 Concen: 21.200 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW005693.D
 Acq: 27 Sep 2018 12:17

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	118207		
111	40.1	19.9	59.7	
148	64.3	32.1	96.3	





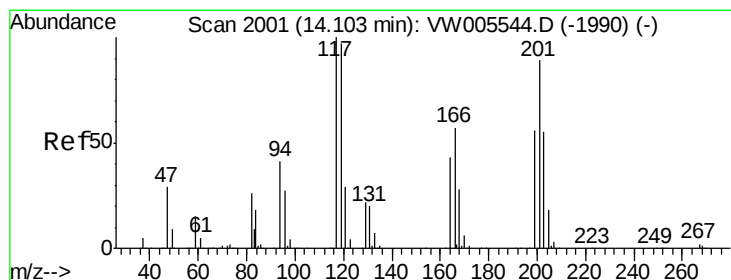
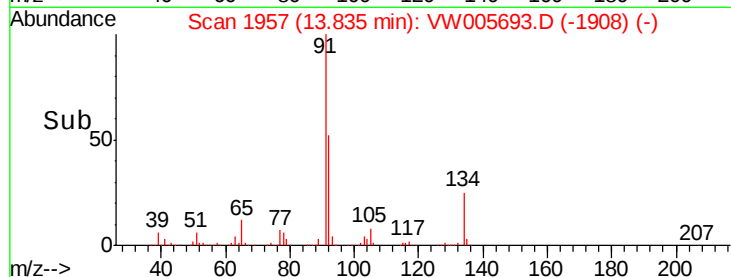
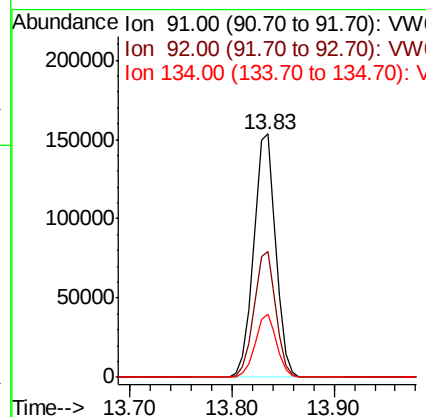
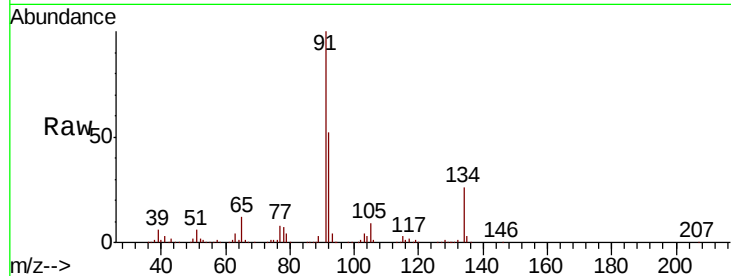
#89
n-Butylbenzene
Concen: 22.153 ug/l
RT: 13.83 min Scan# 1957
Delta R.T. -0.00 min
Lab File: VW005693.D
Acq: 27 Sep 2018 12:17

Instrument :
MSVOA_W
ClientSampleId :
VW0927SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		232130		
92	51.2	26.5	79.5		
134	25.4	12.9	38.7		

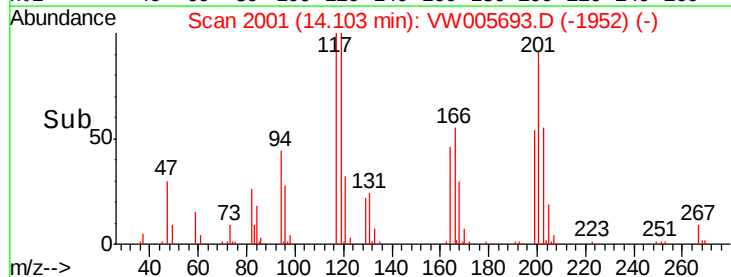
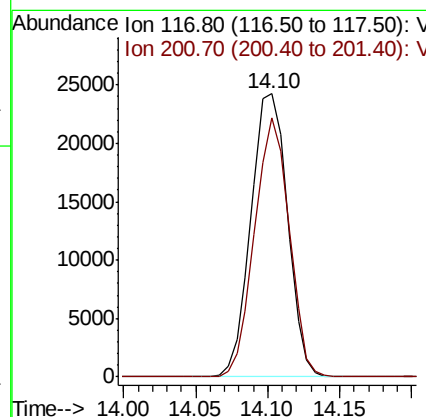
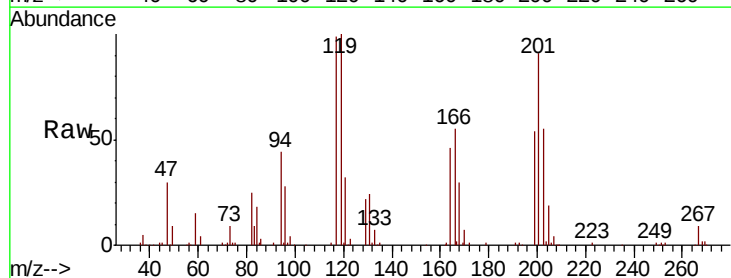
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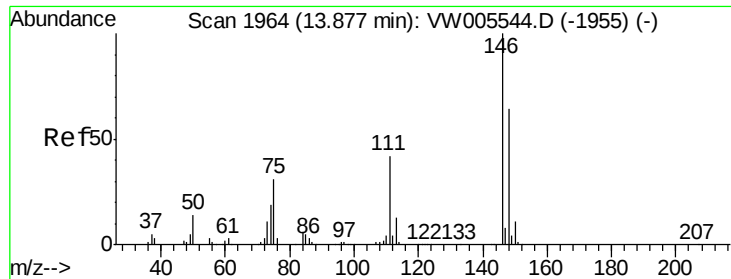
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#90
Hexachloroethane
Concen: 21.156 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. -0.00 min
Lab File: VW005693.D
Acq: 27 Sep 2018 12:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		42598		
201	86.5	42.8	128.3		





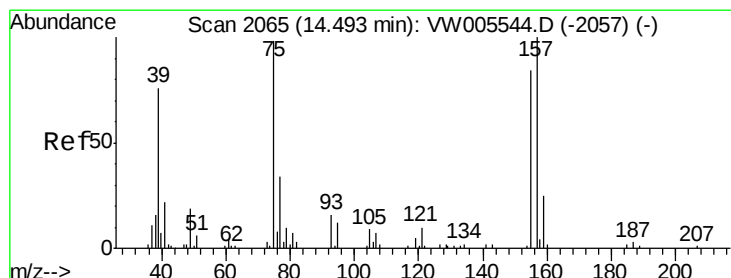
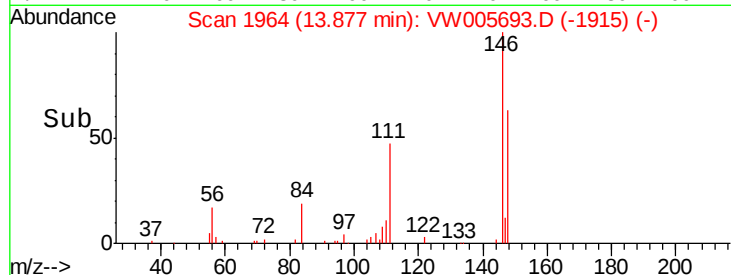
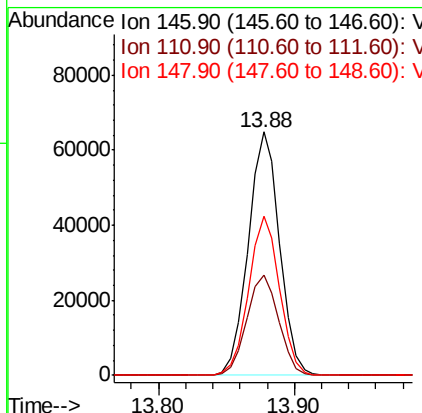
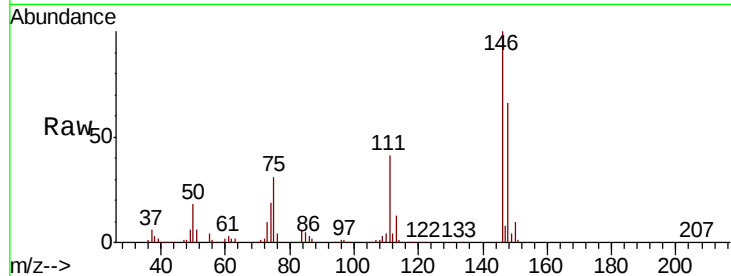
#91
 1,2-Dichlorobenzene
 Concen: 21.072 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW005693.D
 Acq: 27 Sep 2018 12:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0927SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	21.3	63.9
148	64.6	32.0	96.2

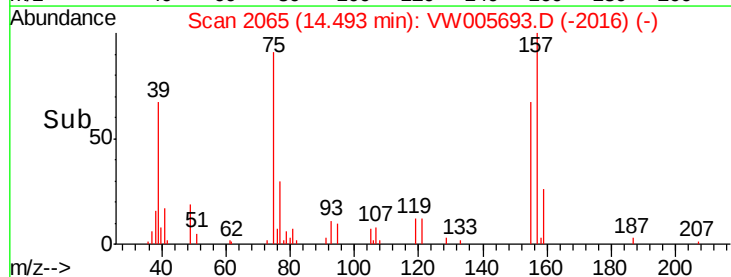
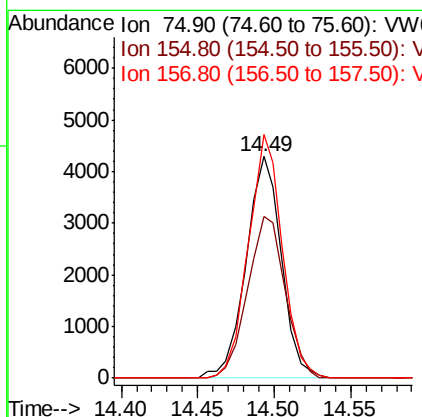
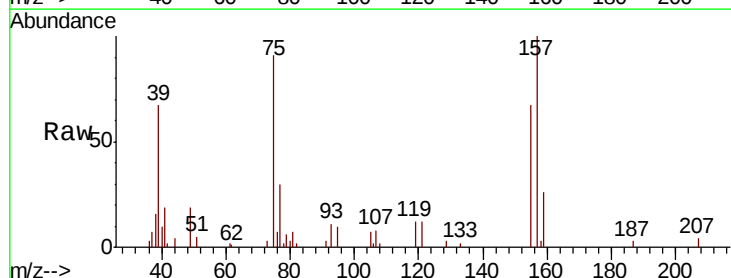
Manual Integrations
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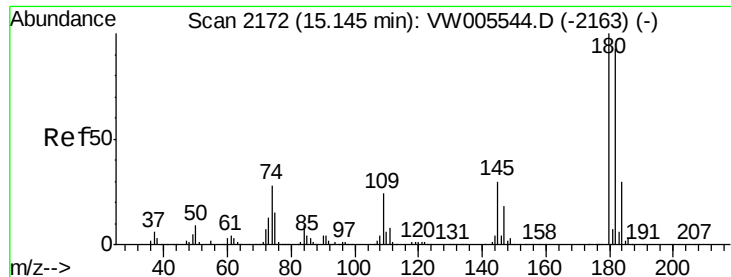
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.555 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW005693.D
 Acq: 27 Sep 2018 12:17

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.8	39.1	117.5
157	105.9	50.8	152.4





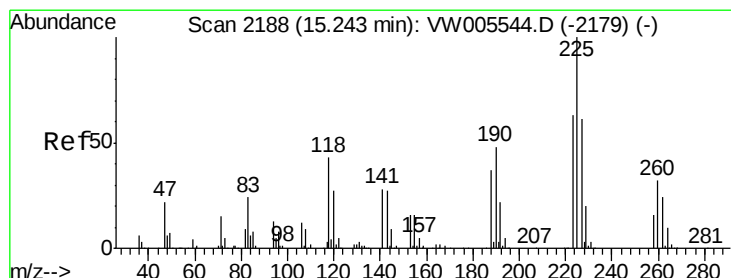
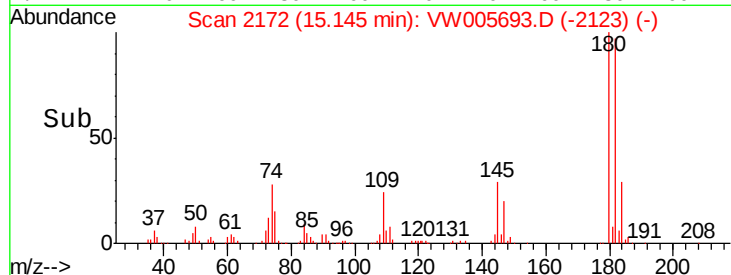
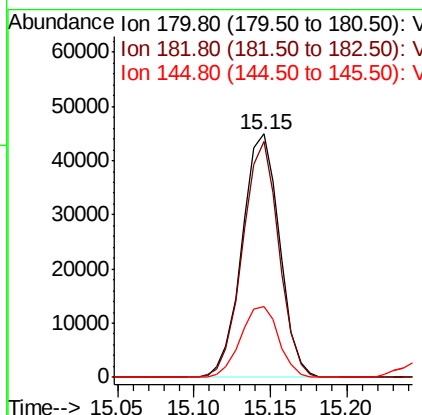
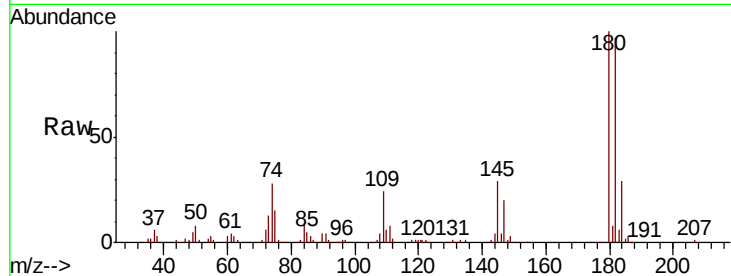
#93
1,2,4-Trichlorobenzene
Concen: 21.659 ug/l
RT: 15.15 min Scan# 2172
Delta R.T. -0.00 min
Lab File: VW005693.D
Acq: 27 Sep 2018 12:17

Instrument :
MSVOA_W
ClientSampleId :
VW0927SBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.1	47.7	143.1
145	29.7	15.0	45.1

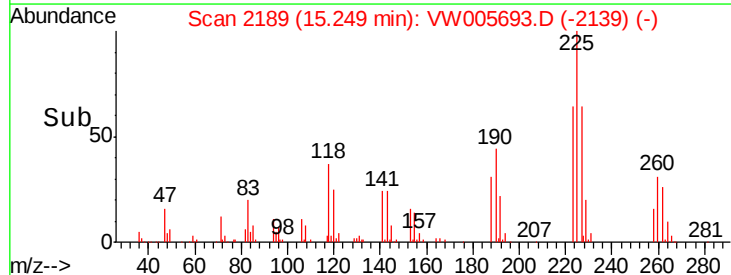
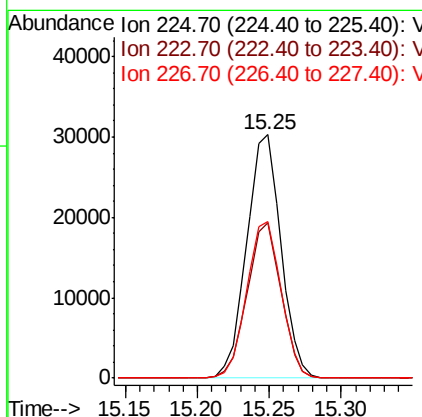
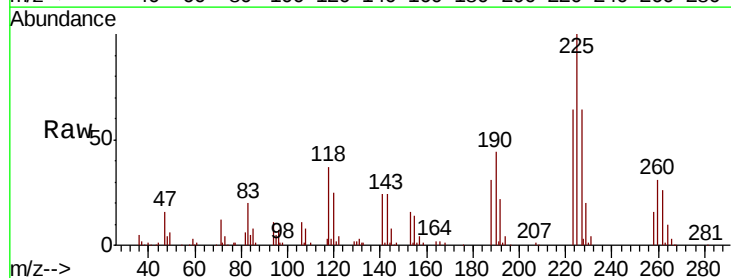
Manual Integrations
APPROVED

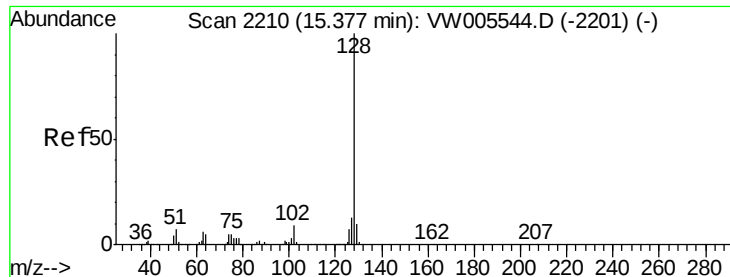
MMDadoda
9/28/2018 11:06:22 AM



#94
Hexachlorobutadiene
Concen: 21.771 ug/l
RT: 15.25 min Scan# 2189
Delta R.T. 0.01 min
Lab File: VW005693.D
Acq: 27 Sep 2018 12:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	31.1	93.3
227	64.5	31.8	95.3





#95

Naphthalene

Concen: 20.246 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VW005693.D

Acq: 27 Sep 2018 12:17

Instrument :

MSVOA_W

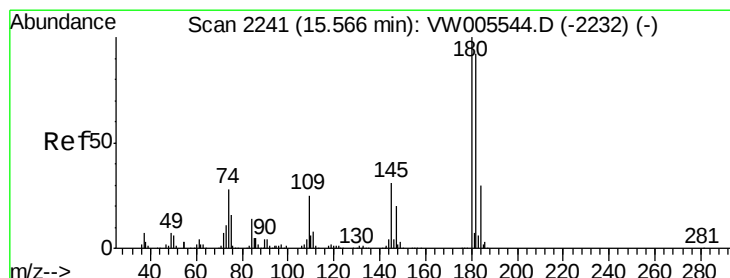
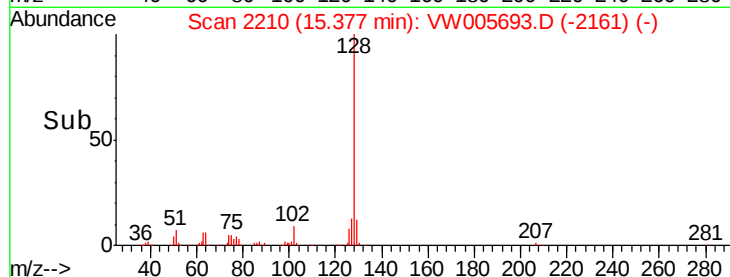
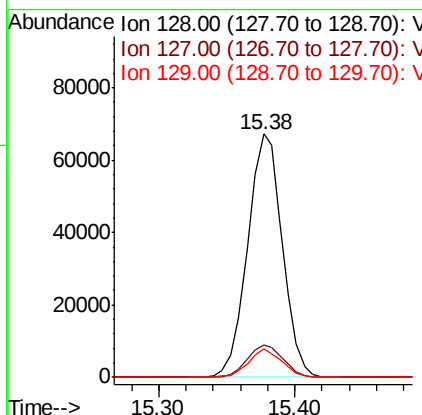
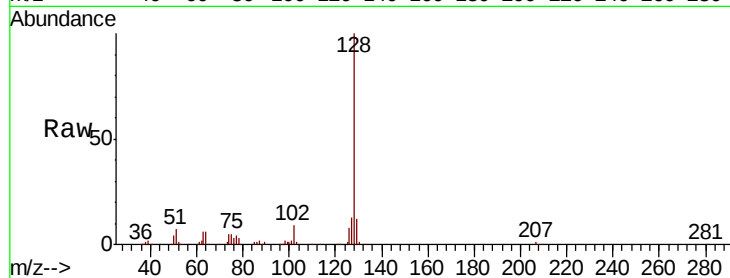
ClientSampleId :

VW0927SBSD01

Tot Ion:	128	Resp:	120229
Ion Ratio	Lower	Upper	
128	100		
127	13.8	10.9	16.3
129	11.2	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
9/28/2018 11:06:22 AM



#96

1,2,3-Trichlorobenzene

Concen: 21.376 ug/l

RT: 15.57 min Scan# 2241

Delta R.T. -0.00 min

Lab File: VW005693.D

Acq: 27 Sep 2018 12:17

Tgt Ion:	180	Resp:	66508
Ion Ratio	Lower	Upper	
180	100		
182	94.9	47.3	141.9
145	31.9	16.0	47.9

