

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060519\
 Data File : VW010690.D
 Acq On : 05 Jun 2019 14:15
 Operator : SY/VA
 Sample : VW0605SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0605SBS02

Manual Integrations
 APPROVED

MMDadoda
 6/6/2019 11:51:49 AM

Quant Time: Jun 05 15:29:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	245909	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	407589	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	360045	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	175257	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	157080	54.19	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	108.38%	
35) Dibromofluoromethane	7.88	113	120352	54.40	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	108.80%	
50) Toluene-d8	10.32	98	508744	52.44	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.88%	
62) 4-Bromofluorobenzene	12.62	95	187344	53.07	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	106.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	51633	22.721	ug/l	98
3) Chloromethane	2.22	50	76397	22.850	ug/l	98
4) Vinyl Chloride	2.35	62	67936	21.993	ug/l	98
5) Bromomethane	2.74	94	36958	21.787	ug/l	95
6) Chloroethane	2.90	64	41669	22.473	ug/l	97
7) Trichlorofluoromethane	3.25	101	89639	22.355	ug/l	99
8) Diethyl Ether	3.68	74	31867	22.238	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	55233	22.405	ug/l	99
10) Methyl Iodide	4.27	142	41614	19.612	ug/l	98
11) Tert butyl alcohol	5.17	59	26087	110.477	ug/l	98
12) 1,1-Dichloroethene	4.03	96	52449	22.055	ug/l	99
13) Acrolein	3.90	56	8293	85.946	ug/l	99
14) Allyl chloride	4.67	41	115720	22.069	ug/l	98
15) Acrylonitrile	5.37	53	76011	109.186	ug/l	98
16) Acetone	4.12	43	83910	108.043	ug/l	99
17) Carbon Disulfide	4.37	76	163081	21.603	ug/l	99
18) Methyl Acetate	4.67	43	37888	22.663	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	152254	22.198	ug/l	96
20) Methylene Chloride	4.92	84	62820	23.057	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	59812	22.155	ug/l	99
22) Diisopropyl ether	6.31	45	236976	22.574	ug/l	97
23) Vinyl Acetate	6.26	43	698432	110.243	ug/l	99
24) 1,1-Dichloroethane	6.22	63	118285	22.484	ug/l	99
25) 2-Butanone	7.17	43	115828	107.556	ug/l	99
26) 2,2-Dichloropropane	7.17	77	94420	22.056	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	66260	22.302	ug/l	99
28) Bromochloromethane	7.51	49	51506	21.938	ug/l	97
29) Tetrahydrofuran	7.53	42	75412	111.330	ug/l	99
30) Chloroform	7.68	83	106891	22.214	ug/l	98
31) Cyclohexane	7.95	56	127092	21.732	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	94455	22.471	ug/l	100
36) 1,1-Dichloropropene	8.08	75	90870	21.780	ug/l	99
37) Ethyl Acetate	7.25	43	50624	21.897	ug/l	100
38) Carbon Tetrachloride	8.07	117	79215	21.994	ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	113900	21.475	ug/l	98
40) Benzene	8.32	78	248249	21.811	ug/l	99
41) Methacrylonitrile	7.48	41	32729	23.816	ug/l	91
42) 1,2-Dichloroethane	8.40	62	80864	22.385	ug/l	100
43) Isopropyl Acetate	8.43	43	97574	21.845	ug/l	100
44) Trichloroethene	9.09	130	61346	21.850	ug/l	97
45) 1,2-Dichloropropane	9.37	63	67059	22.257	ug/l	100
46) Dibromomethane	9.46	93	30243	21.611	ug/l	99
47) Bromodichloromethane	9.65	83	80554	22.206	ug/l	98
48) Methyl methacrylate	9.44	41	46884	21.771	ug/l	98
49) 1,4-Dioxane	9.45	88	9870	451.110	ug/l	93
51) 4-Methyl-2-Pentanone	10.21	43	248939	109.096	ug/l	100
52) Toluene	10.39	92	154649	22.083	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	83129	21.635	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	99206	21.942	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	43772	21.712	ug/l	97
56) Ethyl methacrylate	10.65	69	67826	21.864	ug/l	95
57) 1,3-Dichloropropane	10.93	76	83379	21.946	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	171029	105.261	ug/l	100
59) 2-Hexanone	10.97	43	179586	108.897	ug/l	99
60) Dibromochloromethane	11.13	129	47869	21.420	ug/l	99
61) 1,2-Dibromoethane	11.24	107	41270	21.606	ug/l	98
64) Tetrachloroethene	10.86	164	51392	21.498	ug/l	94
65) Chlorobenzene	11.66	112	155986	22.031	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	54234	22.128	ug/l	99
67) Ethyl Benzene	11.73	91	297925	21.895	ug/l	99
68) m/p-Xylenes	11.84	106	215848	44.313	ug/l	100
69) o-Xylene	12.16	106	102319	22.148	ug/l	98
70) Styrene	12.18	104	176595	22.005	ug/l	100
71) Bromoform	12.35	173	27010	21.308	ug/l #	98
73) Isopropylbenzene	12.46	105	283888	21.556	ug/l	99
74) N-amyl acetate	12.27	43	92426	21.715	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	53286	21.253	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	38568m	20.956	ug/l	
77) Bromobenzene	12.75	156	61647	21.444	ug/l	98
78) n-propylbenzene	12.80	91	344526	21.695	ug/l	100
79) 2-Chlorotoluene	12.90	91	196627	21.673	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	236553	21.944	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	16299	20.354	ug/l	100
82) 4-Chlorotoluene	12.99	91	204485	21.841	ug/l	100
83) tert-Butylbenzene	13.21	119	198298	21.675	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	235983	21.754	ug/l	100
85) sec-Butylbenzene	13.38	105	285844	21.460	ug/l	99
86) p-Isopropyltoluene	13.50	119	258186	21.675	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	120916	21.811	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	120880	21.994	ug/l	98
89) n-Butylbenzene	13.83	91	260531	21.922	ug/l	100
90) Hexachloroethane	14.10	117	45612	21.382	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	108026	21.668	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9036	20.988	ug/l	97

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MSVOA_W
ClientSampleId :
VW0605SBSD02

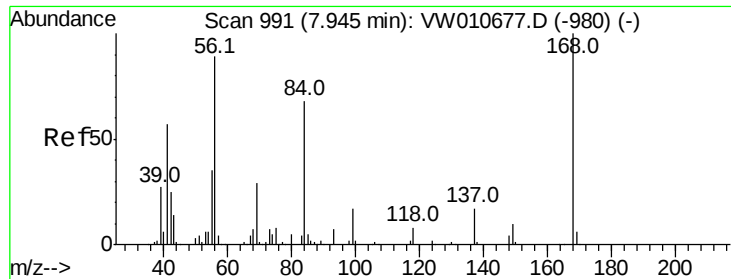
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	76751	21.937	ug/l	99
94) Hexachlorobutadiene	15.24	225	47943	21.834	ug/l	98
95) Naphthalene	15.37	128	135745	21.355	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	66295	22.281	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW010690.D

Acq: 05 Jun 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

VW0605SBS02

Tot Ion:168 Resp: 245909

Ion Ratio Lower Upper

168 100

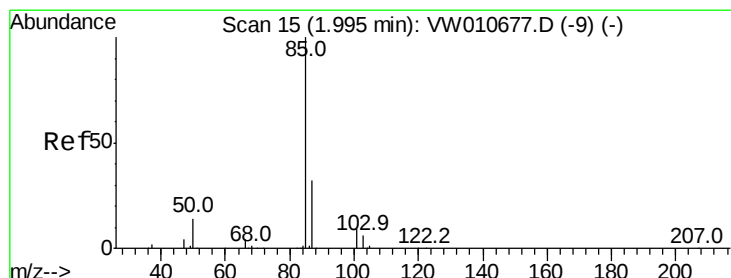
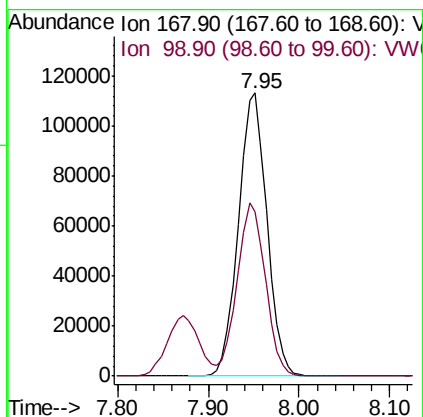
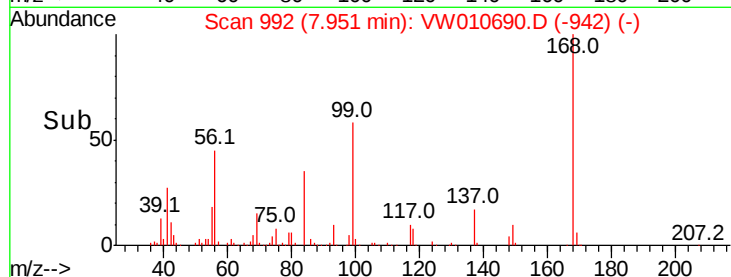
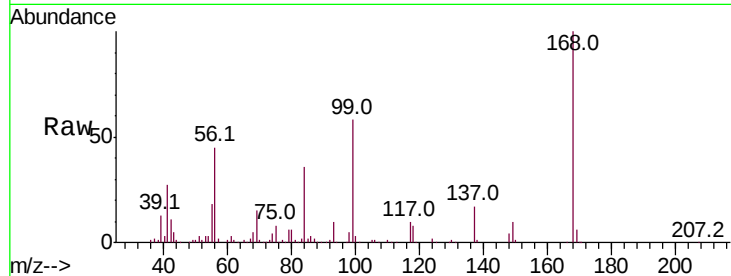
99 58.2 47.7 71.5

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#2

Dichlorodifluoromethane

Concen: 22.721 ug/l

RT: 2.00 min Scan# 15

Delta R.T. -0.00 min

Lab File: VW010690.D

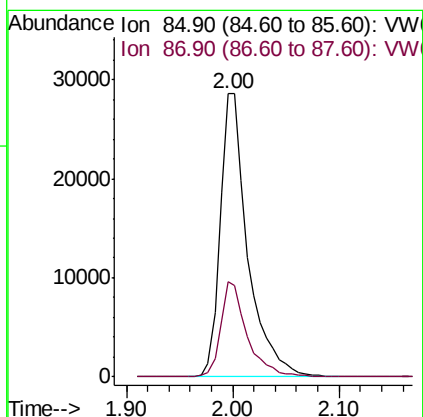
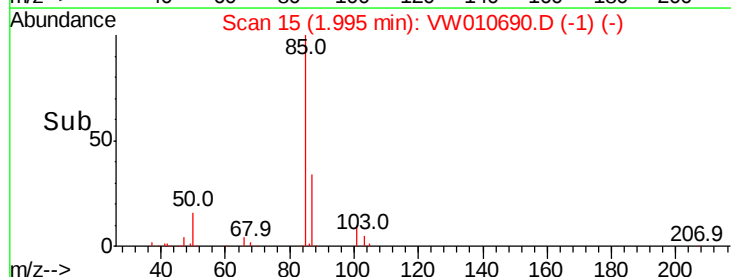
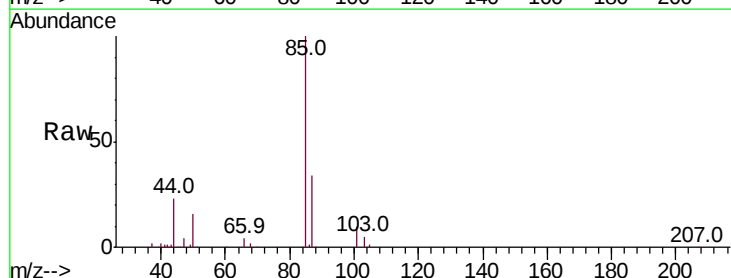
Acq: 05 Jun 2019 14:15

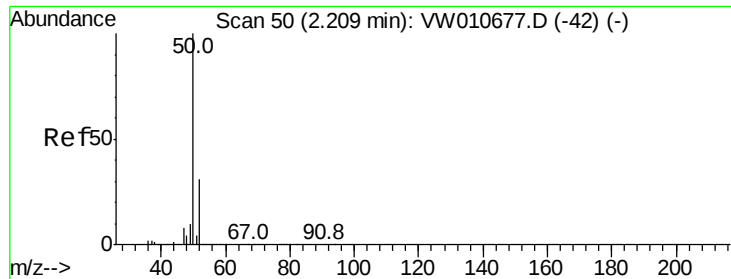
Tgt Ion: 85 Resp: 51633

Ion Ratio Lower Upper

85 100

87 33.6 16.2 48.5





#3

Chloromethane

Concen: 22.850 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW010690.D

Acq: 05 Jun 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

VW0605SBS02

Tot Ion: 50 Resp: 76397

Ion Ratio Lower Upper

50 100

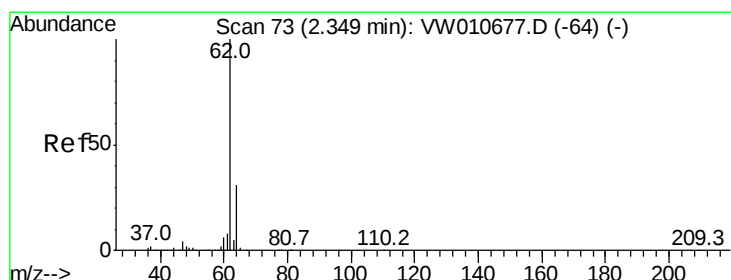
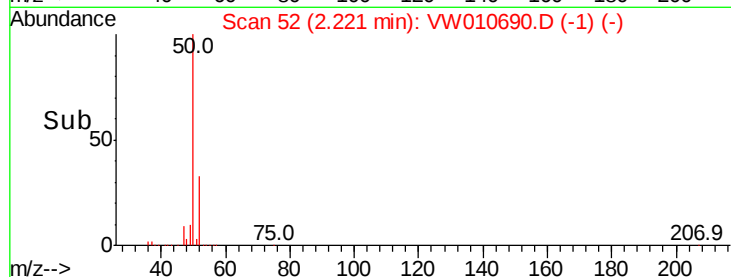
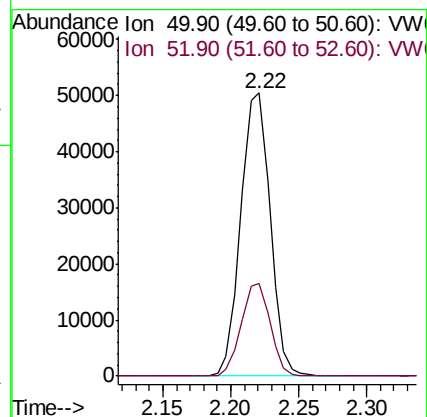
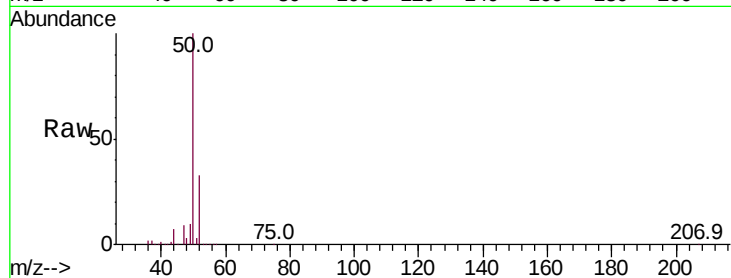
52 32.7 25.2 37.8

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#4

Vinyl Chloride

Concen: 21.993 ug/l

RT: 2.35 min Scan# 74

Delta R.T. 0.01 min

Lab File: VW010690.D

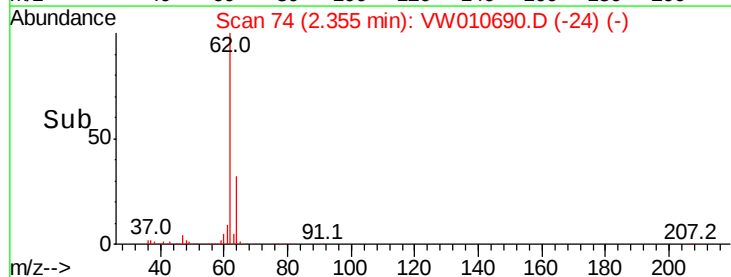
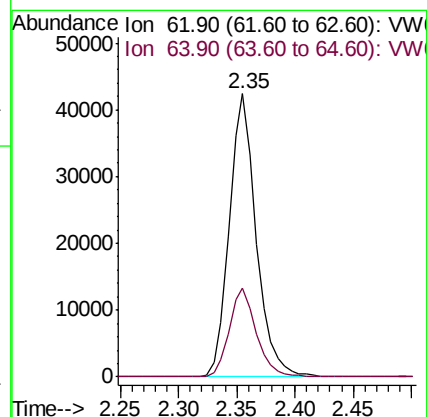
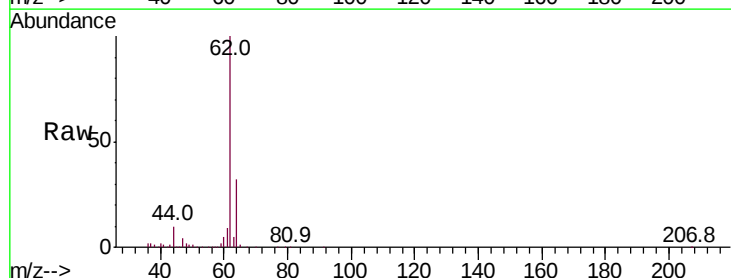
Acq: 05 Jun 2019 14:15

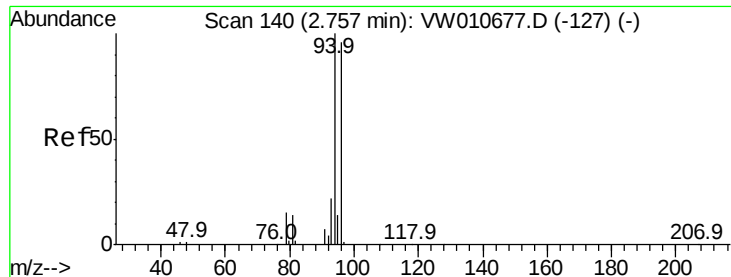
Tgt Ion: 62 Resp: 67936

Ion Ratio Lower Upper

62 100

64 31.5 24.5 36.7





#5

Bromomethane

Concen: 21.787 ug/l

RT: 2.74 min Scan# 137

Delta R.T. -0.02 min

Lab File: VW010690.D

Acq: 05 Jun 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

VW0605SBSD02

Tot Ion: 94 Resp: 36958

Ion Ratio Lower Upper

94 100

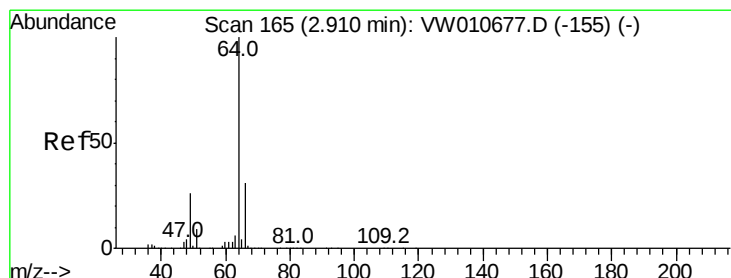
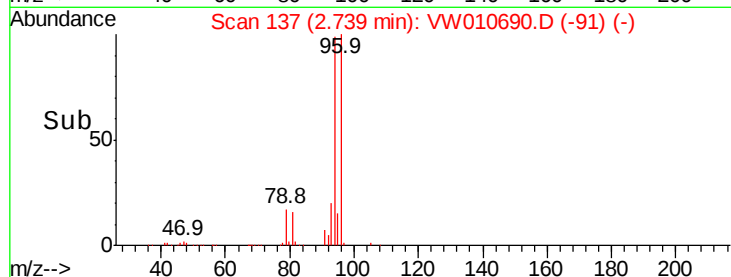
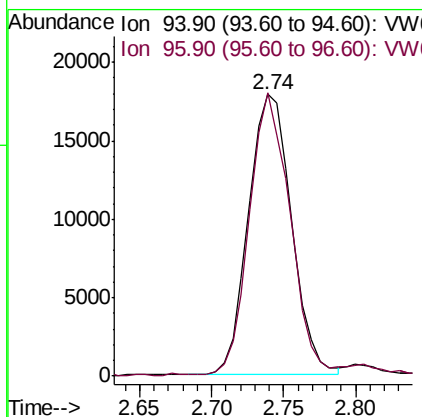
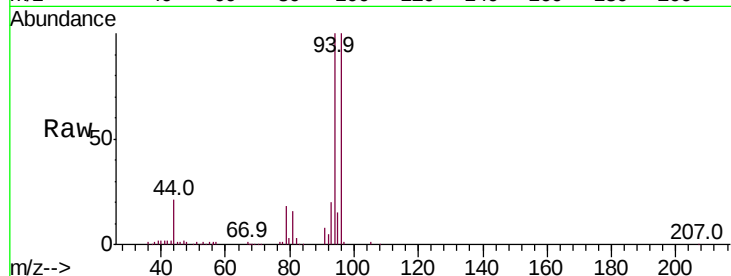
96 100.3 76.5 114.7

Manual Integrations

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#6

Chloroethane

Concen: 22.473 ug/l

RT: 2.90 min Scan# 163

Delta R.T. -0.01 min

Lab File: VW010690.D

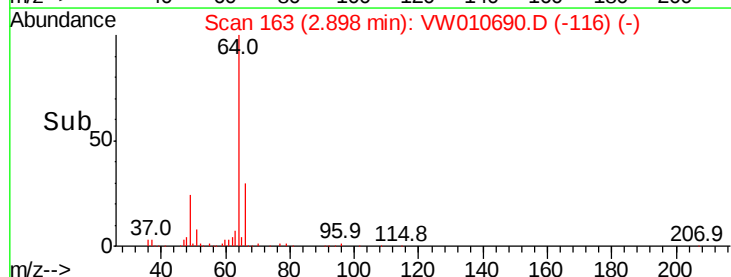
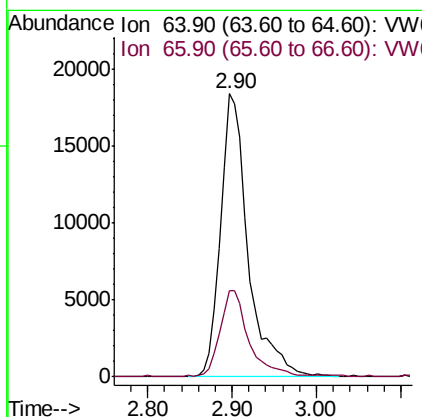
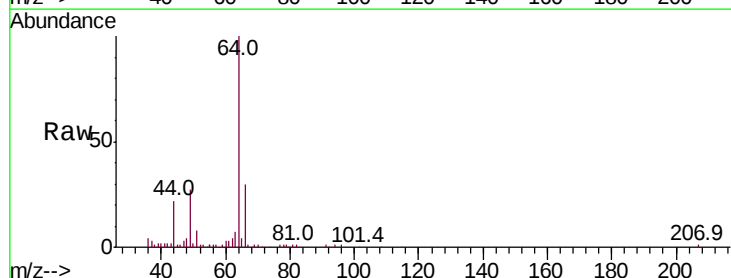
Acq: 05 Jun 2019 14:15

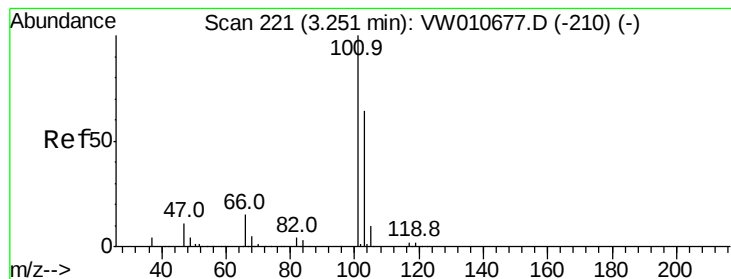
Tgt Ion: 64 Resp: 41669

Ion Ratio Lower Upper

64 100

66 30.0 25.1 37.7





#7

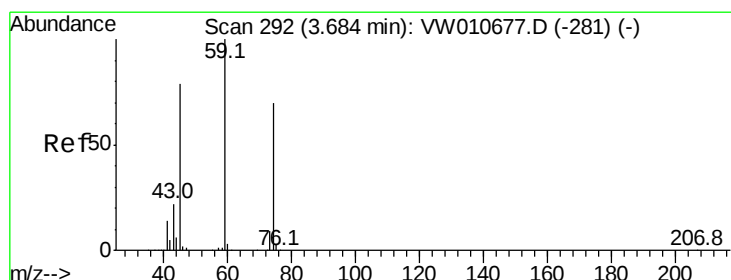
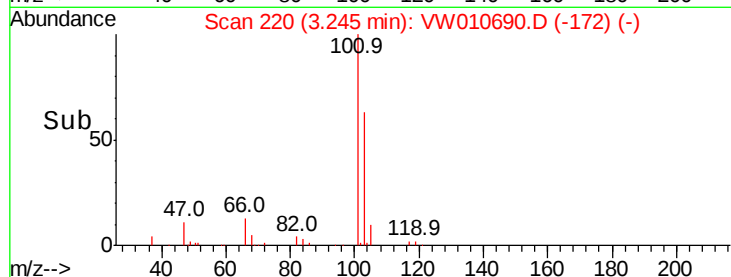
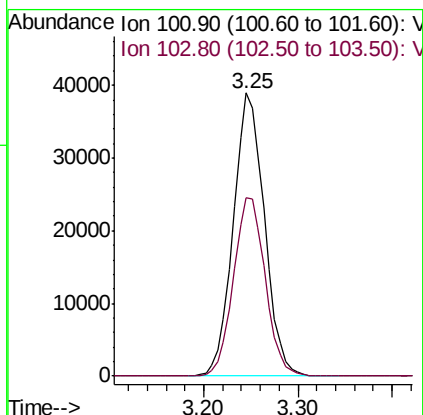
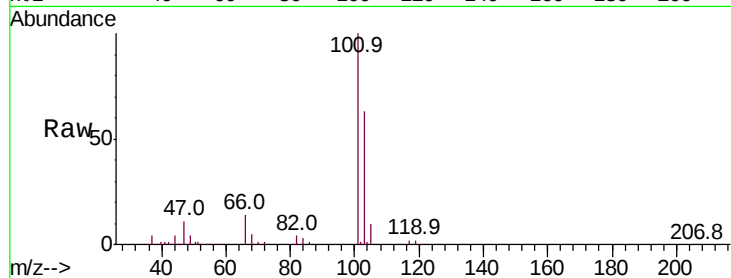
Trichlorofluoromethane
Concen: 22.355 ug/l
RT: 3.25 min Scan# 220
Delta R.T. -0.01 min
Lab File: VW010690.D
Acq: 05 Jun 2019 14:15

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Tot Ion	Ratio	Lower	Upper
101	100		
103	62.9	51.2	76.8

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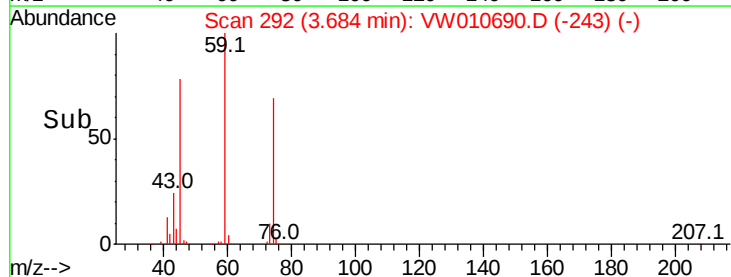
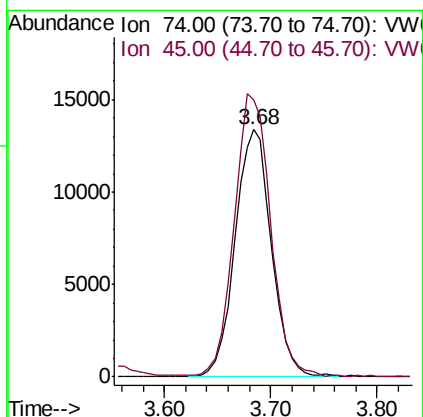
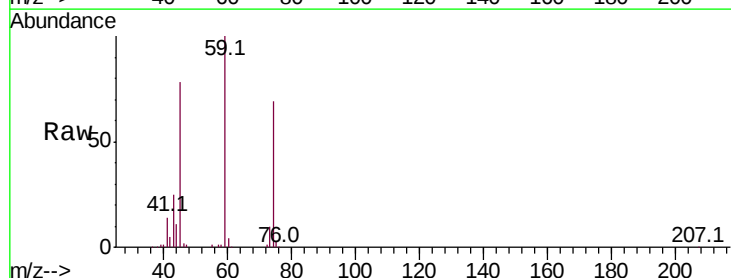
MMDadoda
6/6/2019 11:51:49 AM

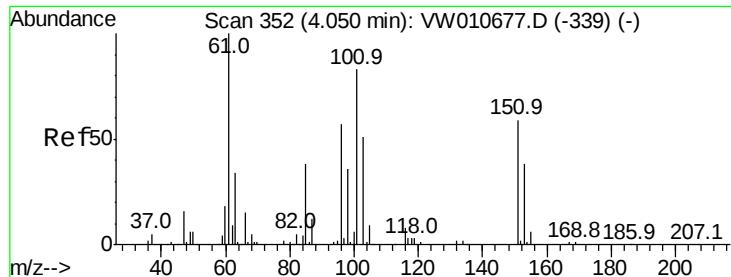


#8

Diethyl Ether
Concen: 22.238 ug/l
RT: 3.68 min Scan# 292
Delta R.T. -0.00 min
Lab File: VW010690.D
Acq: 05 Jun 2019 14:15

Tgt Ion	Ratio	Lower	Upper
74	100		
45	115.0	56.9	170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.405 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.01 min

Lab File: VW010690.D

Acq: 05 Jun 2019 14:15

Instrument :

MSVOA_W

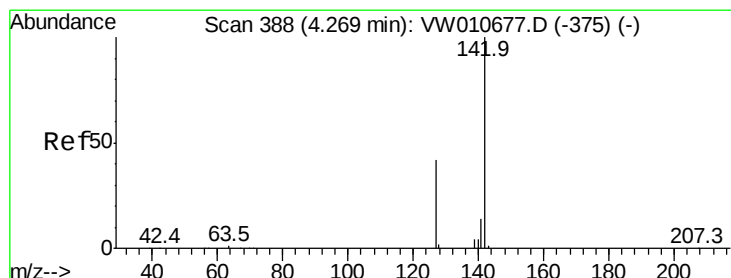
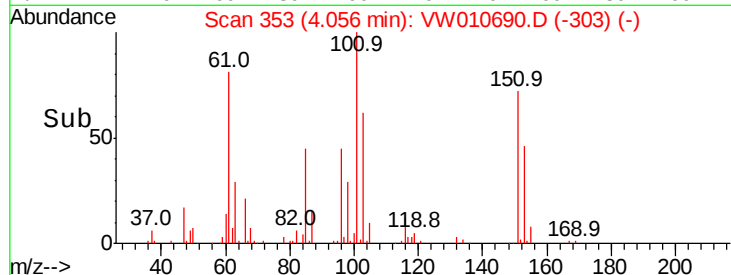
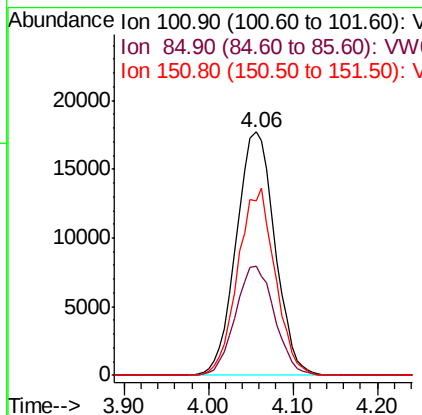
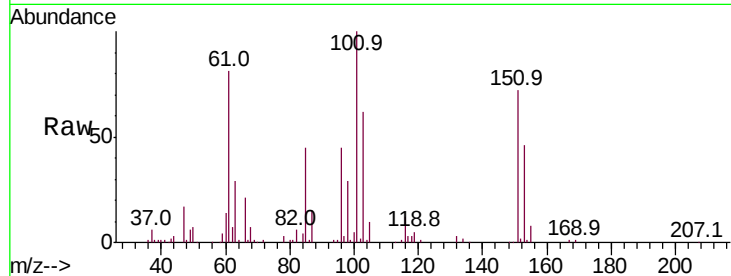
ClientSampleId :

VW0605SBS02

Tot Ion:	101	Resp:	55233
Ion Ratio	Lower	Upper	
101	100		
85	45.3	35.8	53.8
151	73.7	58.1	87.1

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#10

Methyl Iodide

Concen: 19.612 ug/l

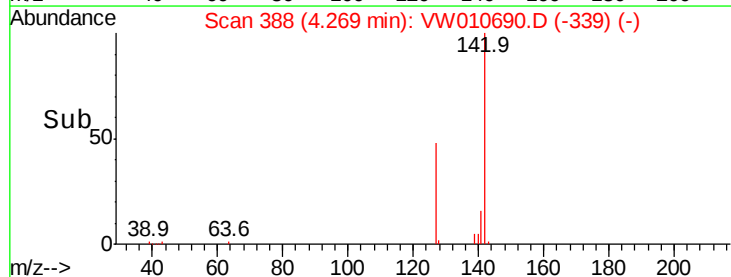
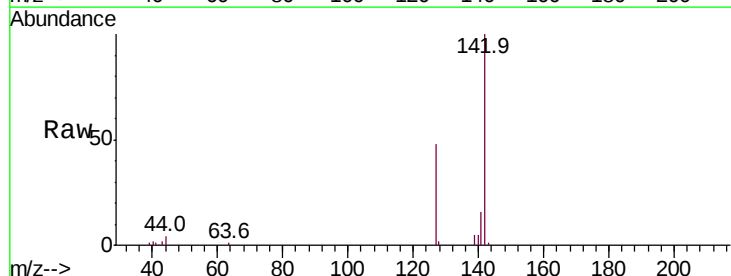
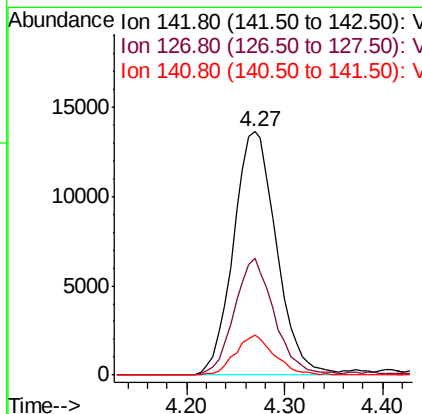
RT: 4.27 min Scan# 388

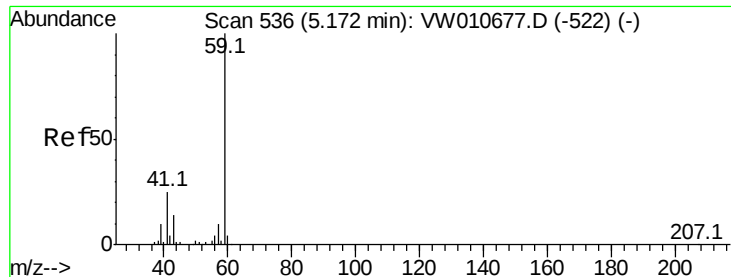
Delta R.T. 0.00 min

Lab File: VW010690.D

Acq: 05 Jun 2019 14:15

Tgt Ion:	142	Resp:	41614
Ion Ratio	Lower	Upper	
142	100		
127	44.6	34.6	51.8
141	15.0	11.6	17.4





#11

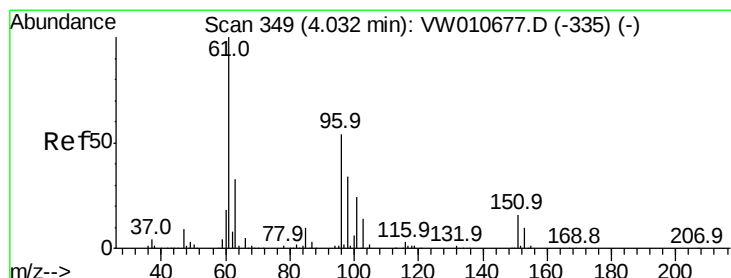
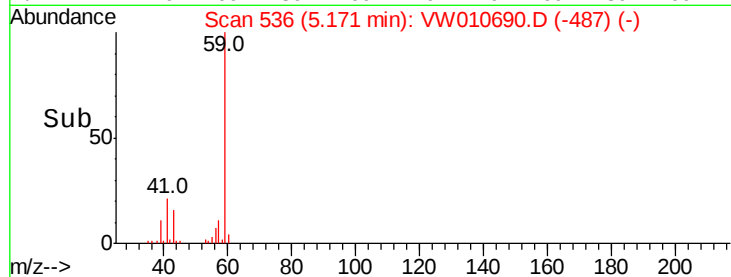
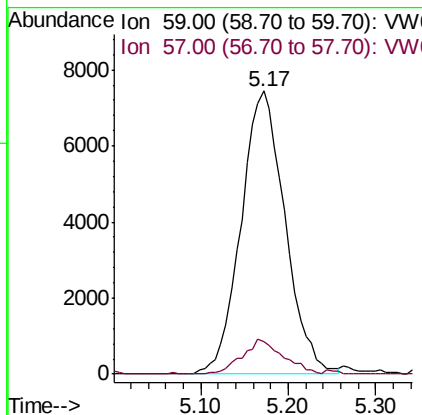
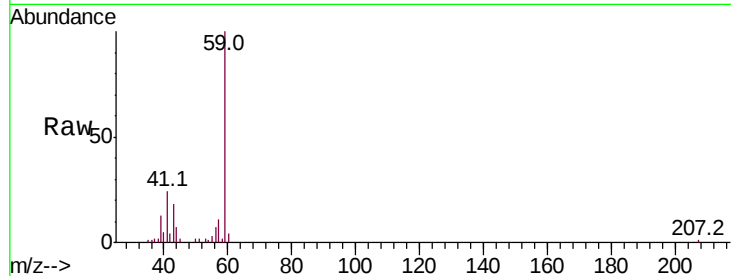
Tert butyl alcohol
Concen: 110.477 ug/l
RT: 5.17 min Scan# 536
Delta R.T. -0.00 min
Lab File: VW010690.D
Acq: 05 Jun 2019 14:15

Instrument :
MSVOA_W
ClientSampleId :
VW0605SBS02

Tot Ion	59	Resp	26087
Ion Ratio	100	Lower	Upper
57	11.4	8.6	12.8

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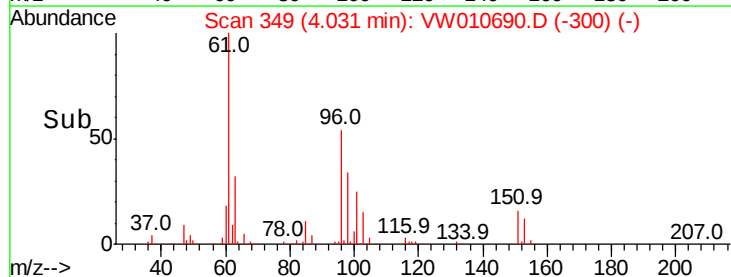
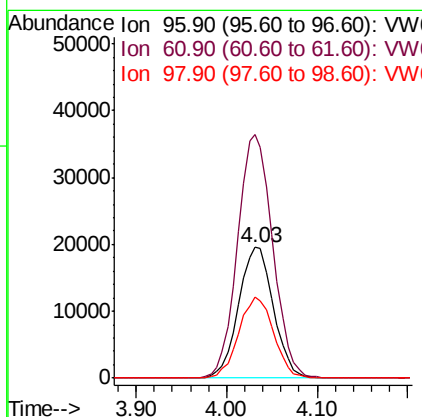
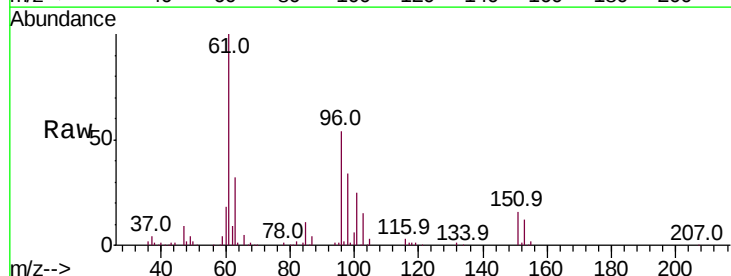
MMDadoda
6/6/2019 11:51:49 AM

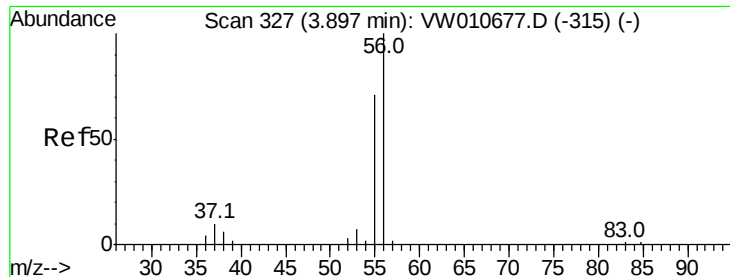


#12

1,1-Dichloroethene
Concen: 22.055 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.00 min
Lab File: VW010690.D
Acq: 05 Jun 2019 14:15

Tgt Ion	96	Resp	52449
Ion Ratio	100	Lower	Upper
61	186.0	149.1	223.7
98	62.4	51.1	76.7





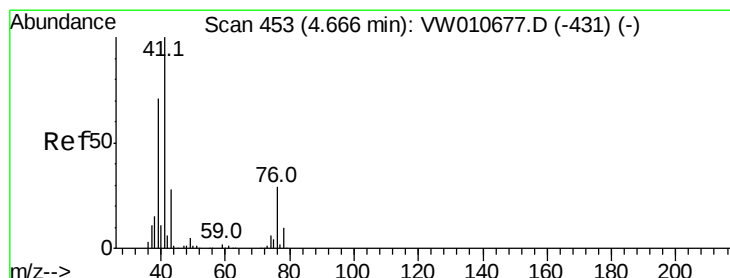
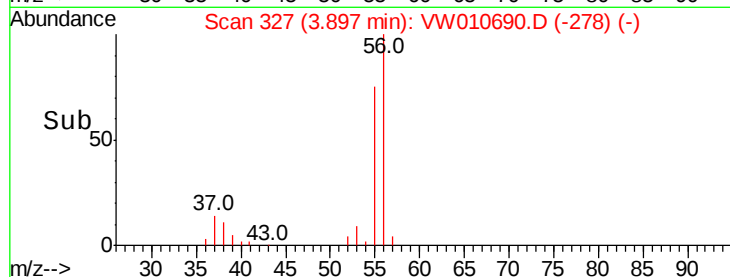
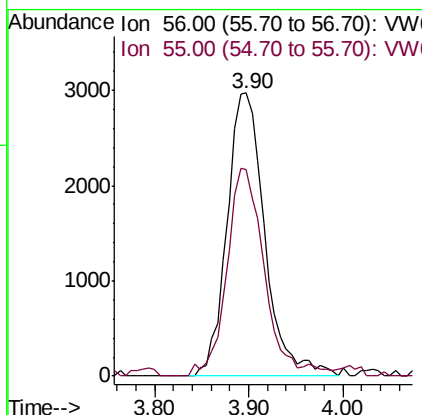
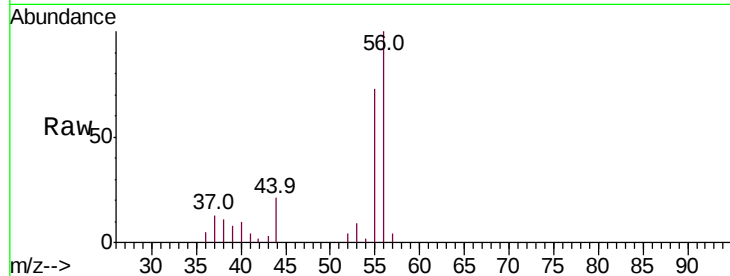
#13
Acrolein
Concen: 85.946 ug/l
RT: 3.90 min Scan# 327
Delta R.T. -0.00 min
Lab File: VW010690.D
Acq: 05 Jun 2019 14:15

Instrument :
MSVOA_W
ClientSampleId :
VW0605SBS02

Tot Ion	56	Resp	8293
Ion Ratio	100	Lower	Upper
55	71.5	57.6	86.4

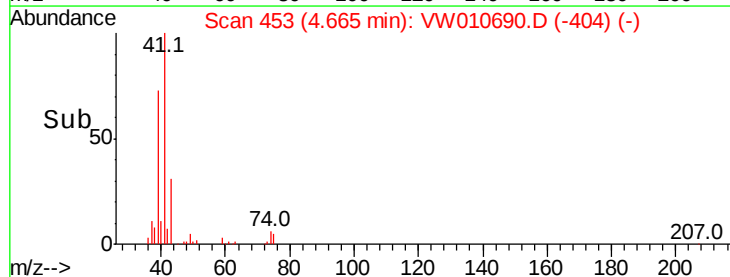
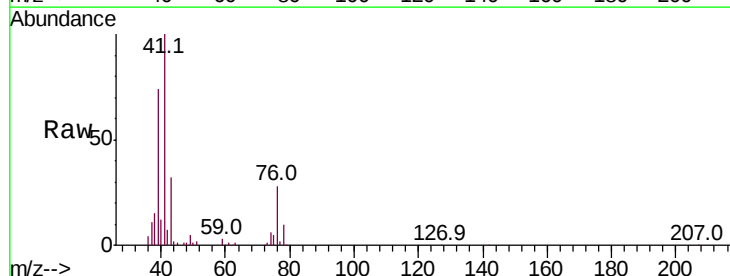
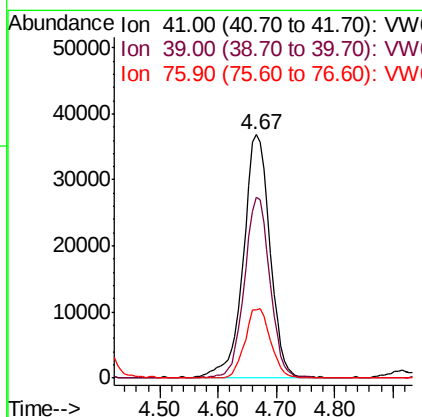
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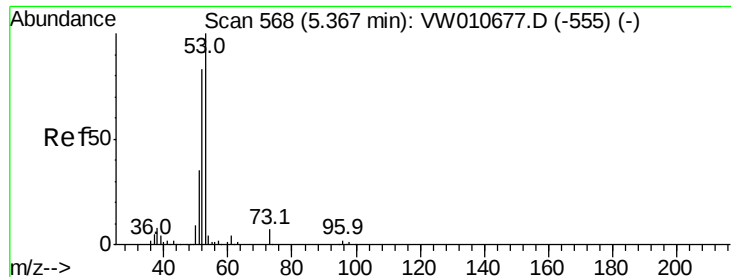
MMDadoda
6/6/2019 11:51:49 AM



#14
Allyl chloride
Concen: 22.069 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW010690.D
Acq: 05 Jun 2019 14:15

Tgt Ion	41	Resp	115720
Ion Ratio	100	Lower	Upper
39	71.9	55.8	83.6
76	27.6	22.7	34.1





#15

Acrylonitrile

Concen: 109.186 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW010690.D

Acq: 05 Jun 2019 14:15

Instrument :

MSVOA_W

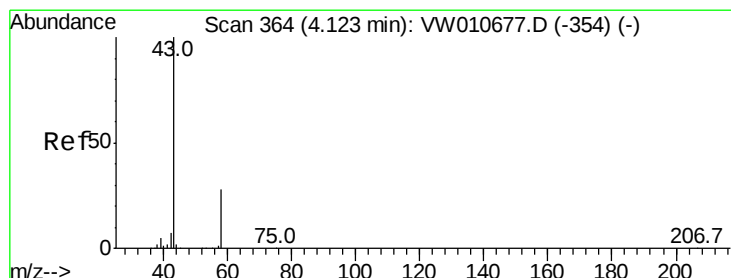
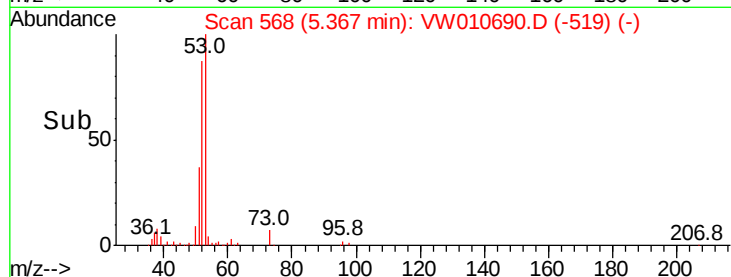
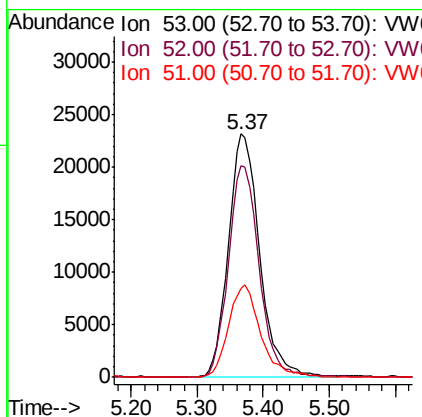
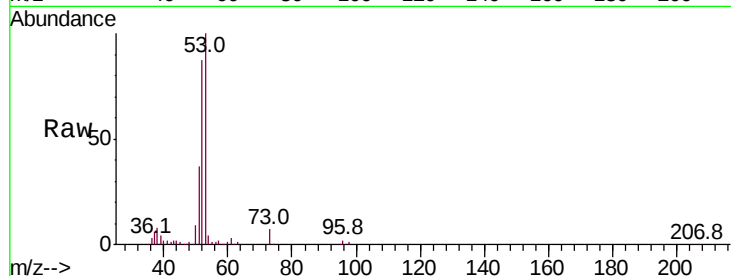
ClientSampleId :

VW0605SBS02

Tot Ion:	53	Resp:	76011
Ion	Ratio	Lower	Upper
53	100		
52	85.3	66.6	100.0
51	38.7	29.8	44.8

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6/6/2019 11:51:49 AM



#16

Acetone

Concen: 108.043 ug/l

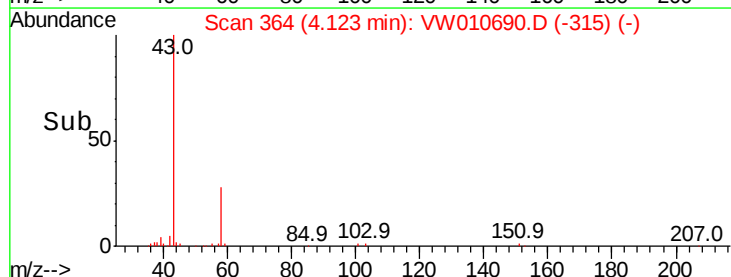
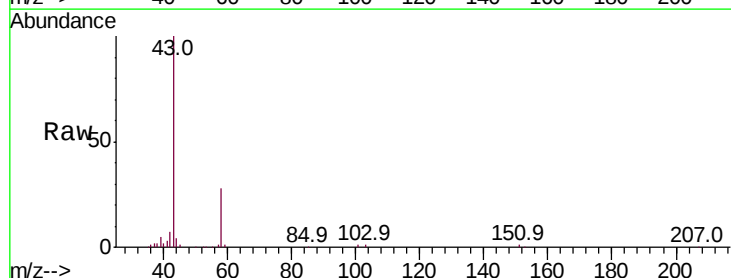
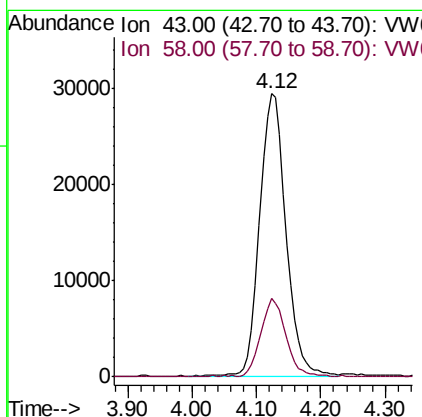
RT: 4.12 min Scan# 364

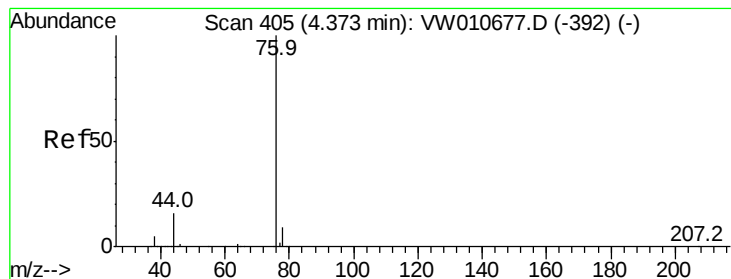
Delta R.T. -0.00 min

Lab File: VW010690.D

Acq: 05 Jun 2019 14:15

Tgt Ion:	43	Resp:	83910
Ion	Ratio	Lower	Upper
43	100		
58	27.9	22.1	33.1





#17

Carbon Disulfide

Concen: 21.603 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW010690.D

Acq: 05 Jun 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

VW0605SBSD02

Tot Ion: 76 Resp: 163081

Ion Ratio Lower Upper

76 100

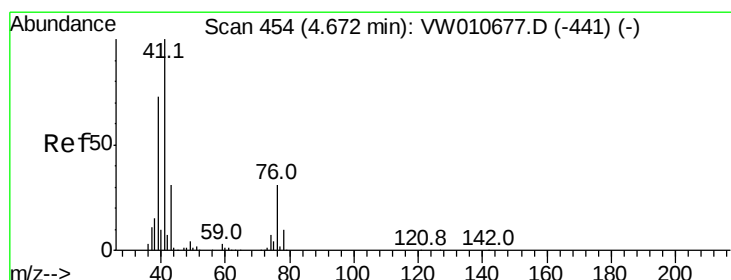
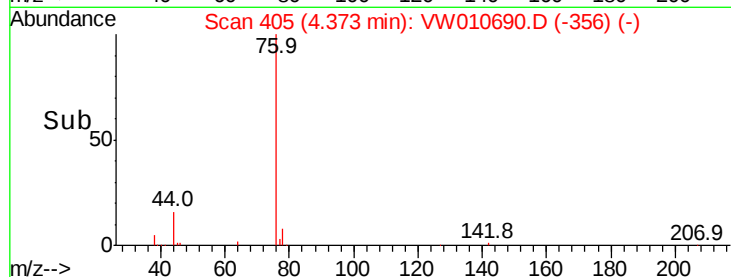
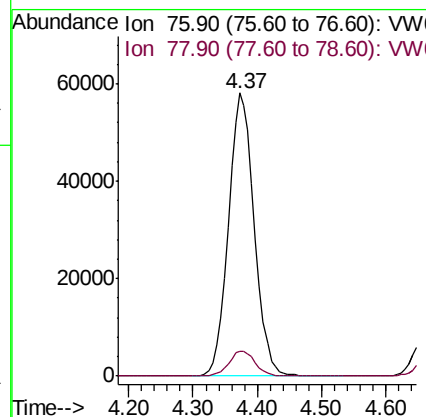
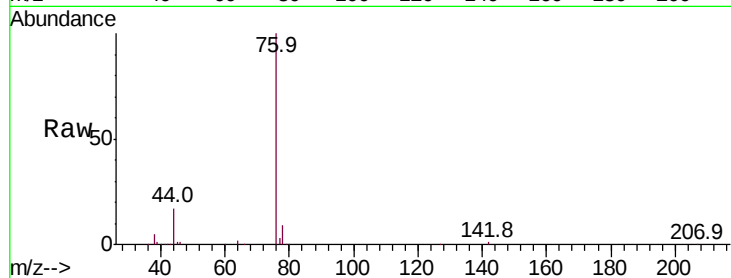
78 8.9 7.5 11.3

Manual Integrations

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#18

Methyl Acetate

Concen: 22.663 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.00 min

Lab File: VW010690.D

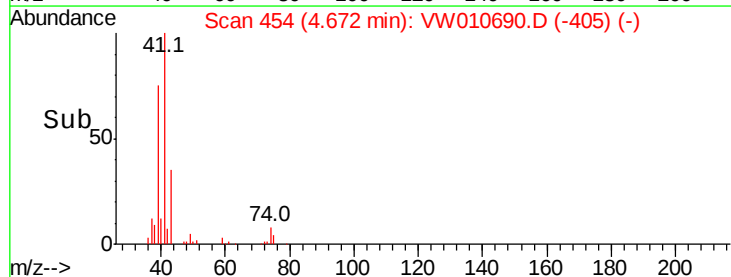
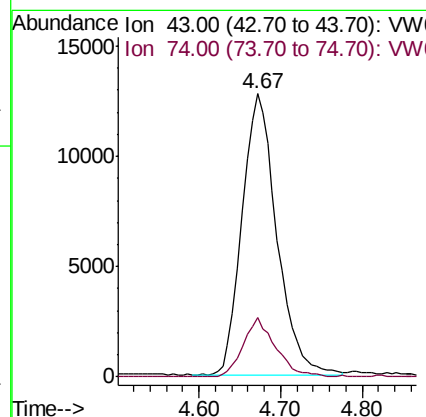
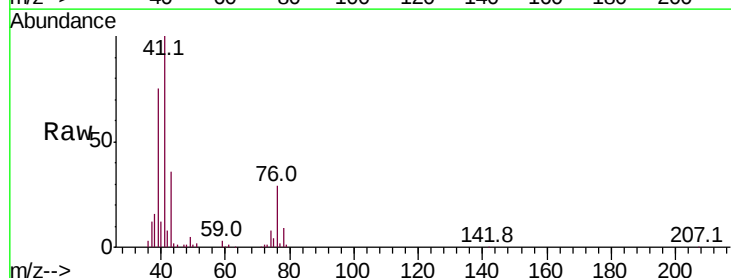
Acq: 05 Jun 2019 14:15

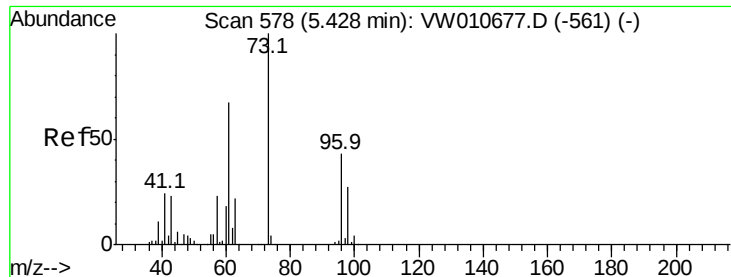
Tgt Ion: 43 Resp: 37888

Ion Ratio Lower Upper

43 100

74 19.5 16.7 25.1





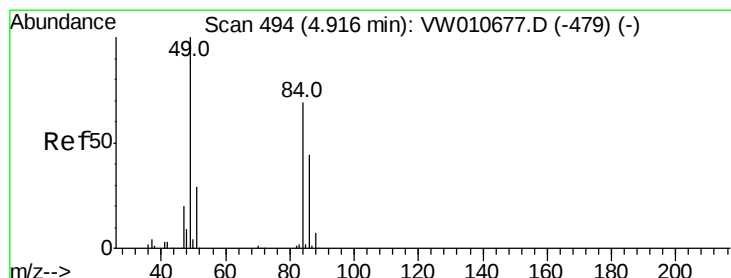
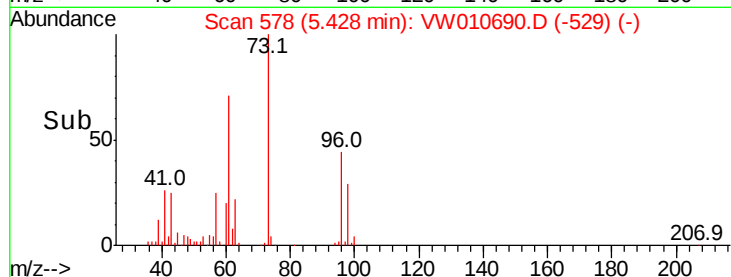
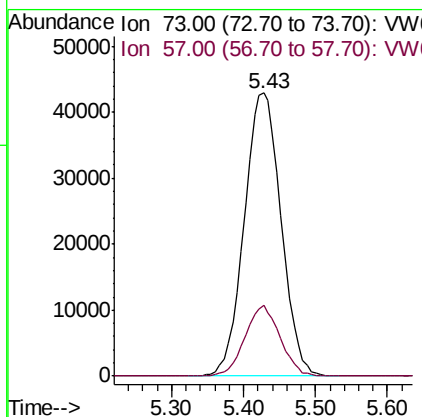
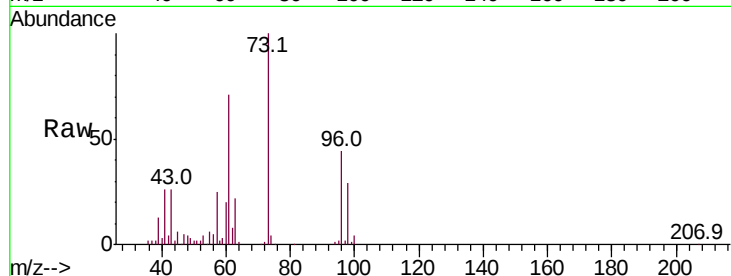
#19
Methyl tert-butyl Ether
Concen: 22.198 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW010690.D
Acq: 05 Jun 2019 14:15

Instrument :
MSVOA_W
ClientSampleId :
VW0605SBS02

Tot Ion: 73 Resp: 152254
Ion Ratio Lower Upper
73 100
57 24.9 18.6 27.8

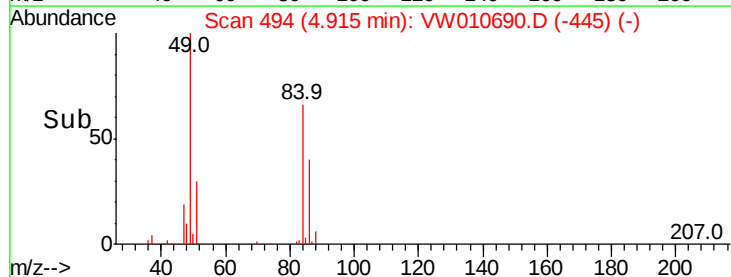
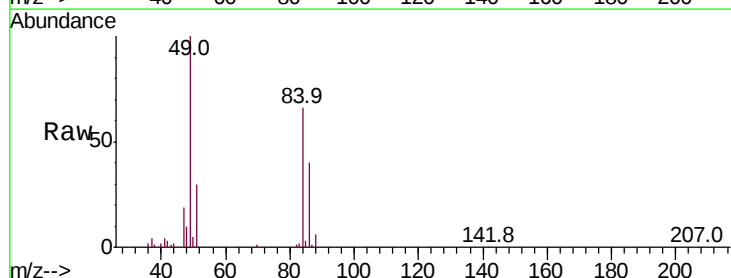
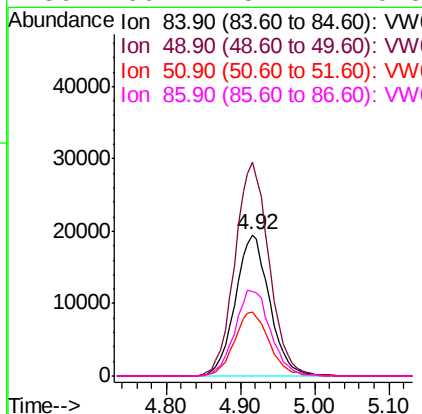
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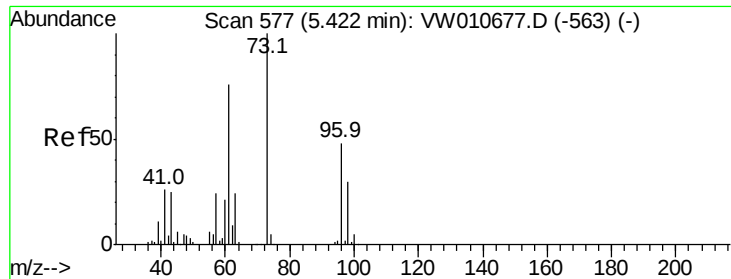
MMDadoda
6/6/2019 11:51:49 AM



#20
Methylene Chloride
Concen: 23.057 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW010690.D
Acq: 05 Jun 2019 14:15

Tgt Ion: 84 Resp: 62820
Ion Ratio Lower Upper
84 100
49 151.4 116.7 175.1
51 45.5 34.2 51.2
86 60.1 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 22.155 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW010690.D

Acq: 05 Jun 2019 14:15

Instrument :

MSVOA_W

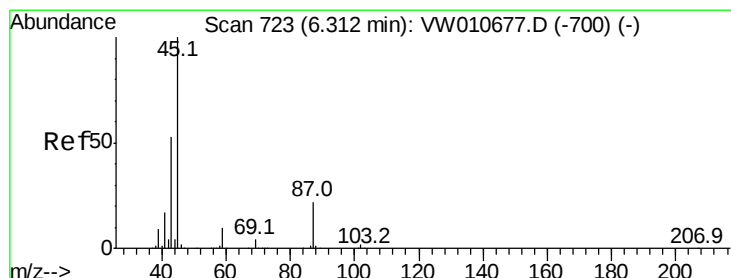
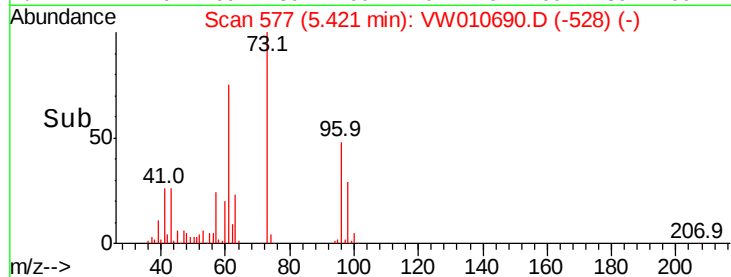
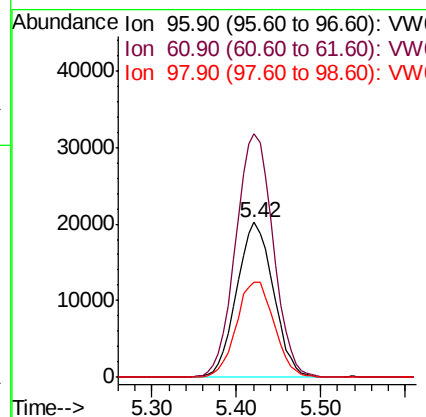
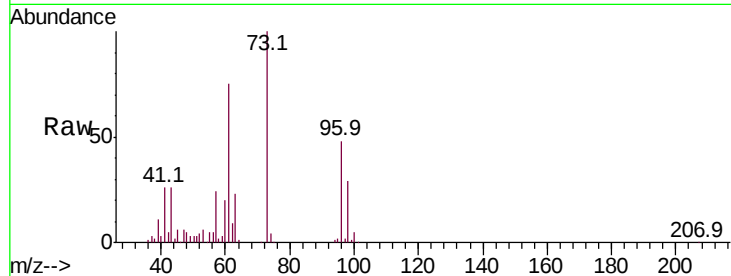
ClientSampleId :

VW0605SBS02

Tot Ion:	96	Resp:	59812
Ion	Ratio	Lower	Upper
96	100		
61	156.5	126.0	189.0
98	61.2	49.6	74.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 22.574 ug/l

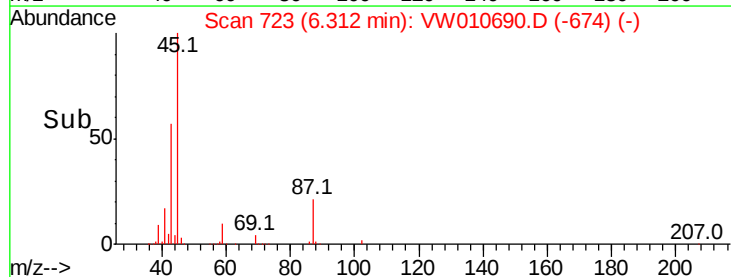
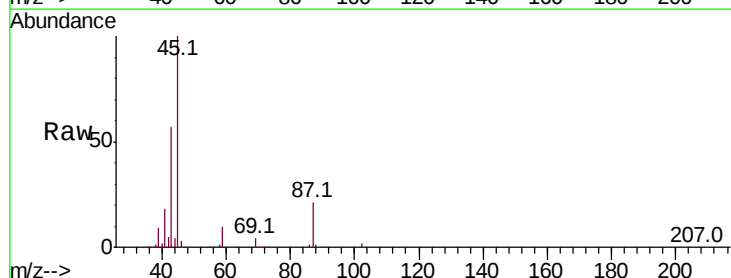
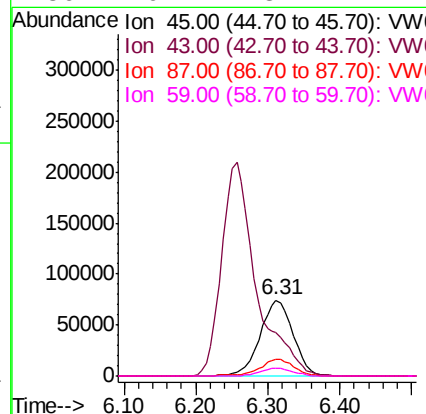
RT: 6.31 min Scan# 723

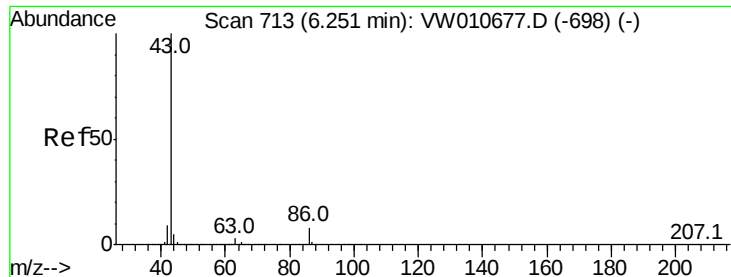
Delta R.T. -0.00 min

Lab File: VW010690.D

Acq: 05 Jun 2019 14:15

Tgt Ion:	45	Resp:	236976
Ion	Ratio	Lower	Upper
45	100		
43	56.7	42.5	63.7
87	21.4	17.4	26.2
59	10.2	8.1	12.1





#23

Vinyl Acetate

Concen: 110.243 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.01 min

Lab File: VW010690.D

Acq: 05 Jun 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

VW0605SBS02

Tot Ion: 43 Resp: 698432

Ion Ratio Lower Upper

43 100

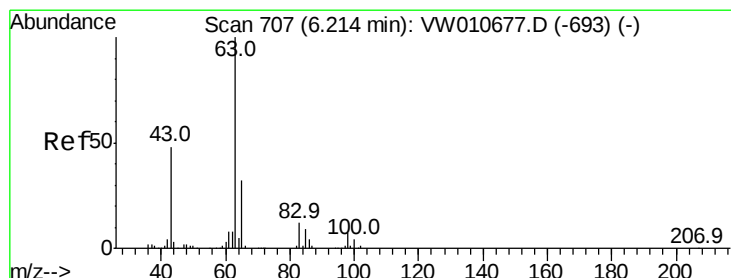
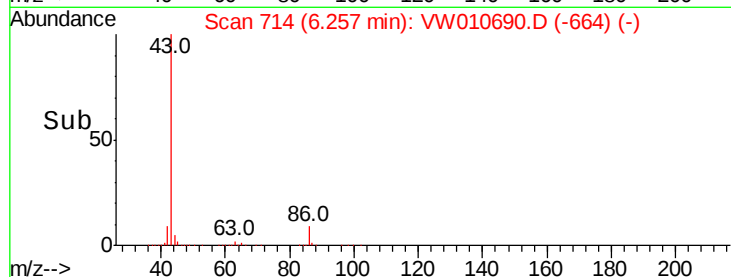
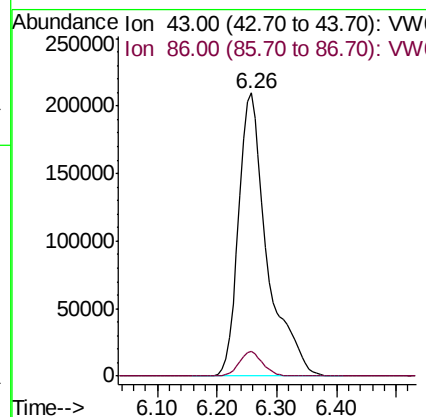
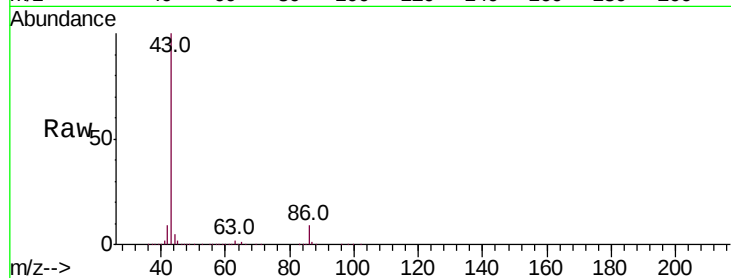
86 8.6 6.6 10.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 22.484 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.01 min

Lab File: VW010690.D

Acq: 05 Jun 2019 14:15

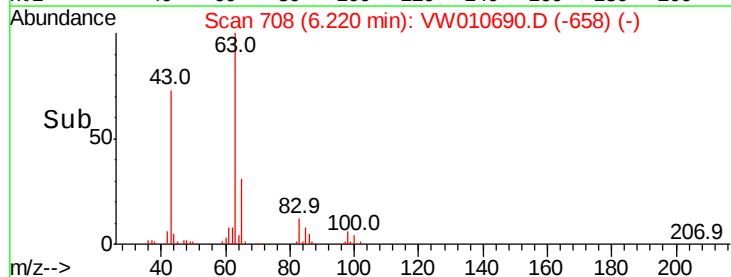
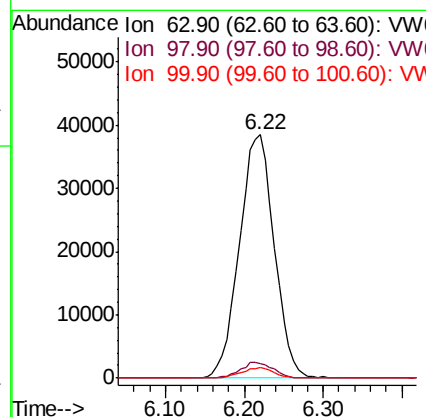
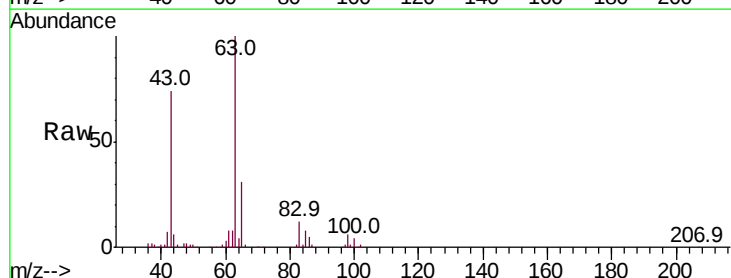
Tgt Ion: 63 Resp: 118285

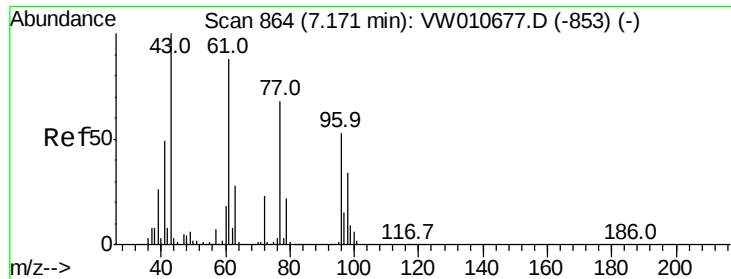
Ion Ratio Lower Upper

63 100

98 6.1 3.4 10.2

100 4.2 2.1 6.3





#25

2-Butanone

Concen: 107.556 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW010690.D

Acq: 05 Jun 2019 14:15

Instrument :

MSVOA_W

ClientSampleID :

VW0605SBS02

Tot Ion: 43 Resp: 115828

Ion Ratio Lower Upper

43 100

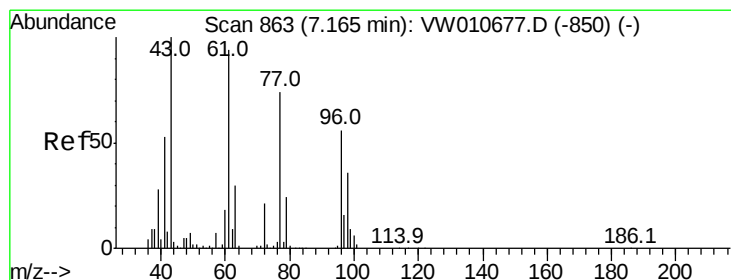
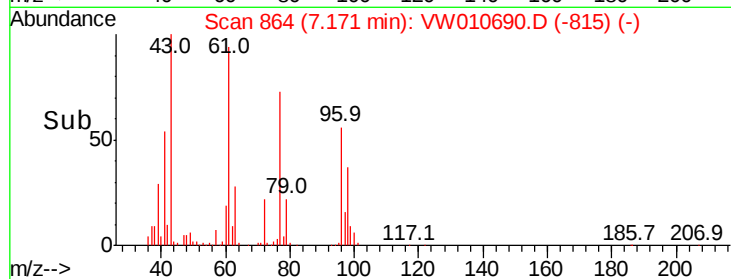
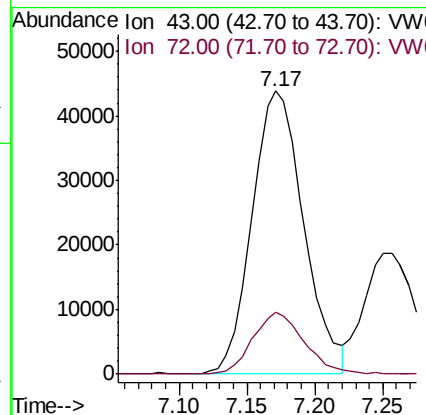
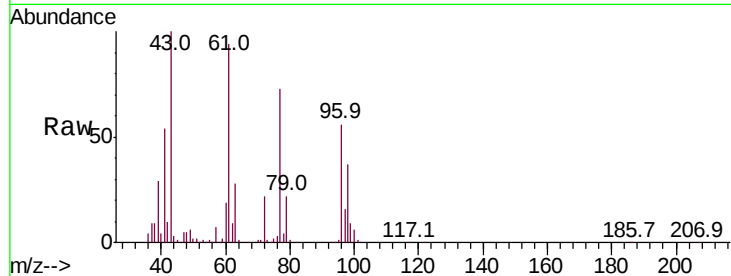
72 22.0 18.1 27.1

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#26

2,2-Dichloropropane

Concen: 22.056 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW010690.D

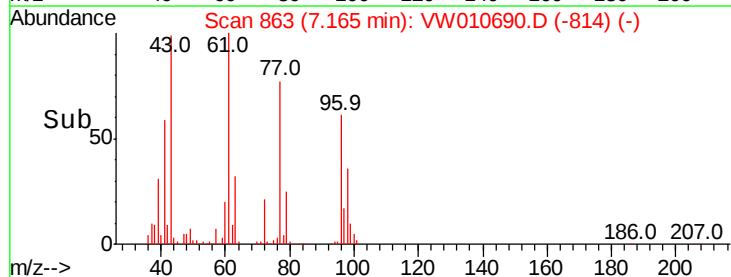
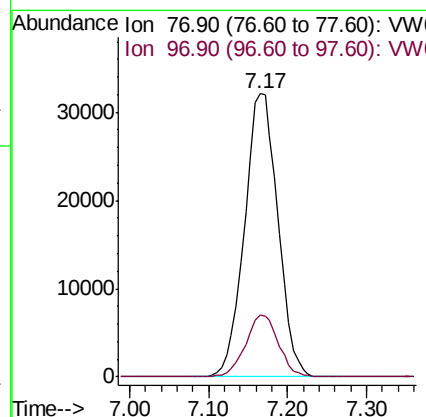
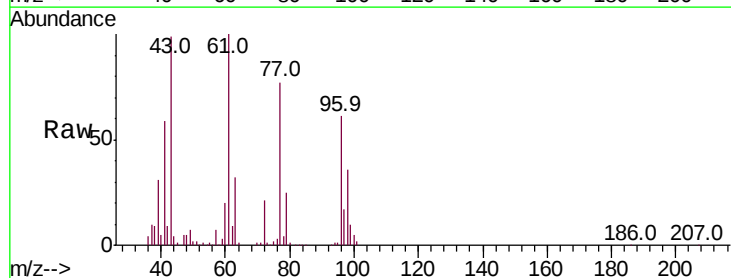
Acq: 05 Jun 2019 14:15

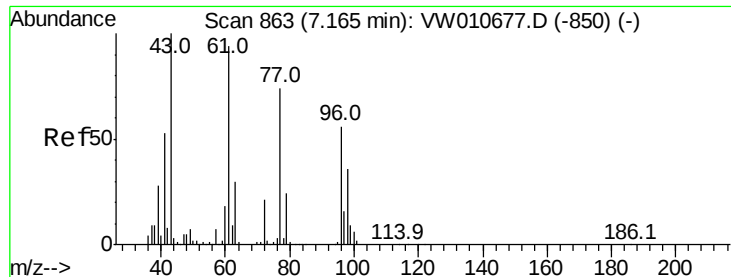
Tgt Ion: 77 Resp: 94420

Ion Ratio Lower Upper

77 100

97 21.4 10.5 31.6





#27

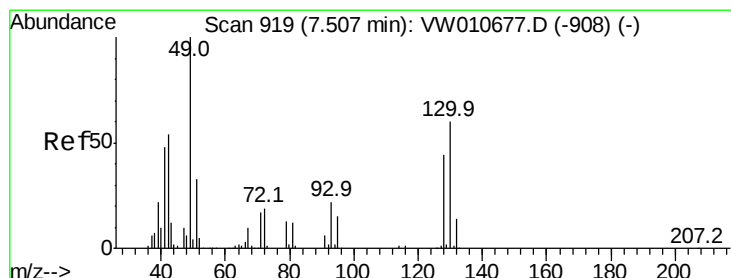
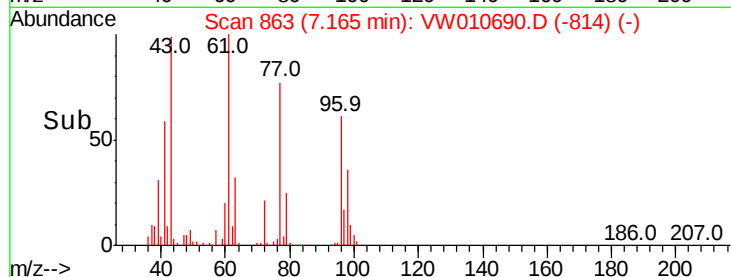
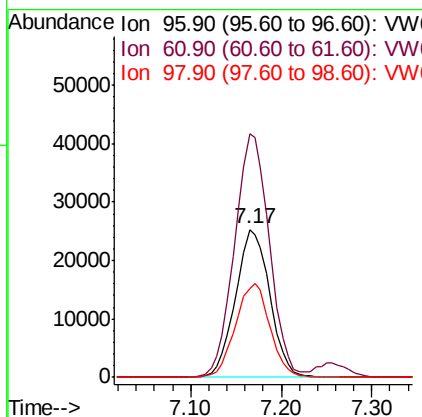
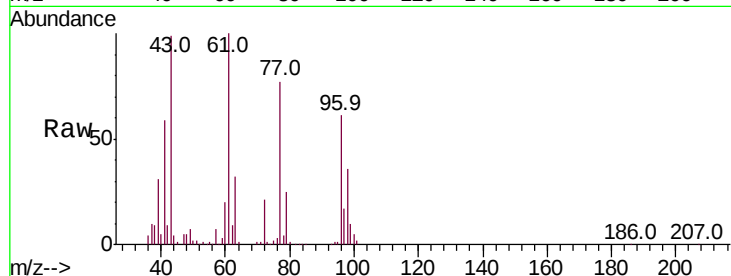
cis-1,2-Dichloroethene
 Concen: 22.302 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VW010690.D
 Acq: 05 Jun 2019 14:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0605SBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	167.5	0.0	336.4
98	63.6	0.0	128.0

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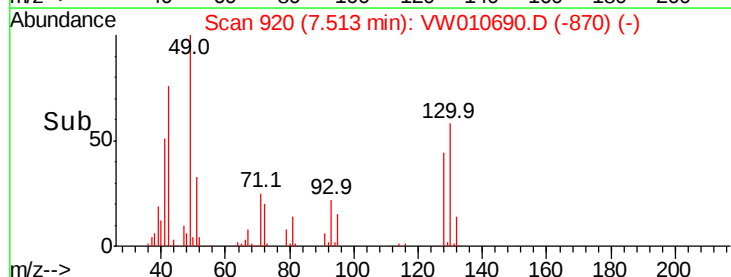
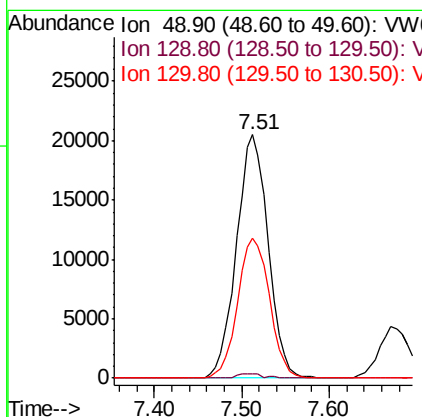
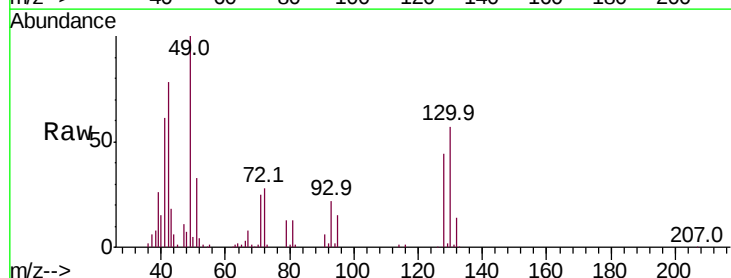
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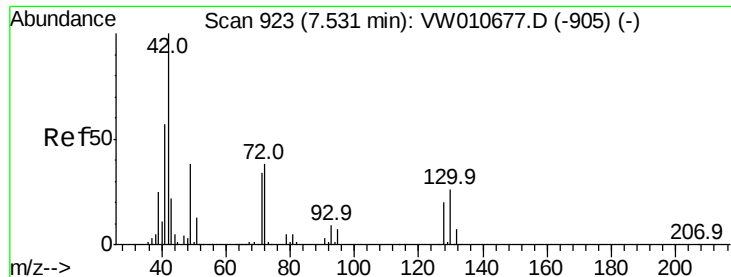


#28

Bromochloromethane
 Concen: 21.938 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.01 min
 Lab File: VW010690.D
 Acq: 05 Jun 2019 14:15

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	3.2
130	57.9	48.3	72.5





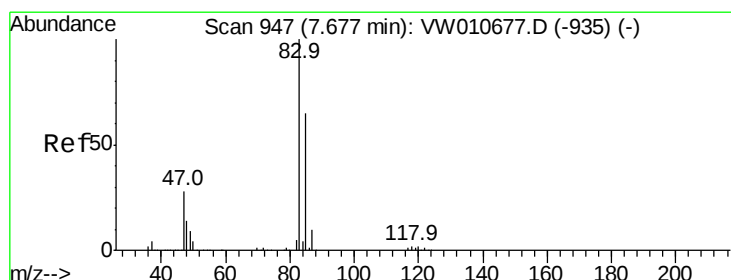
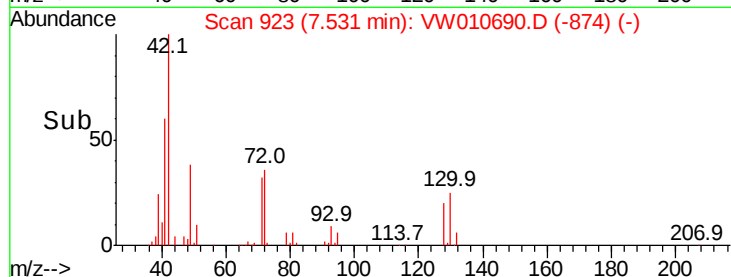
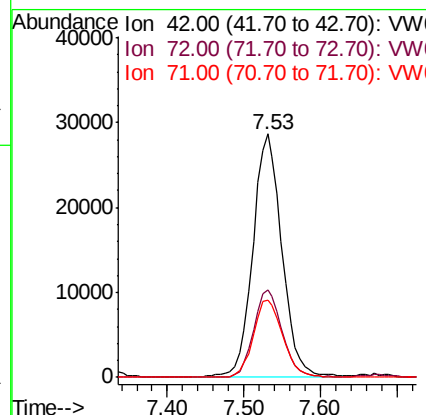
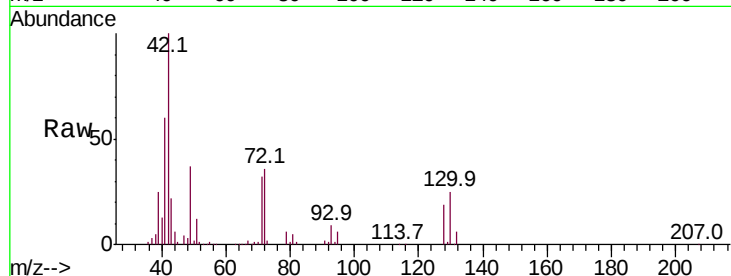
#29
Tetrahydrofuran
Concen: 111.330 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW010690.D
Acq: 05 Jun 2019 14:15

Instrument :
MSVOA_W
ClientSampleId :
VW0605SBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	35.6	28.7	43.1
71	32.5	26.6	39.8

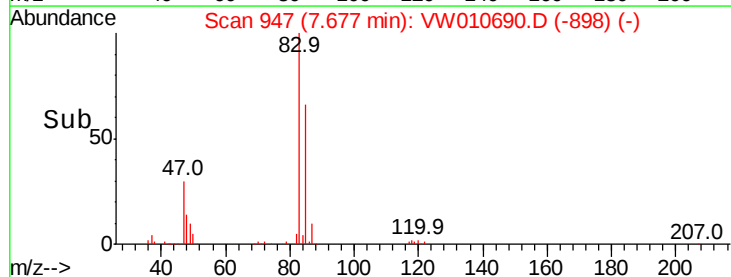
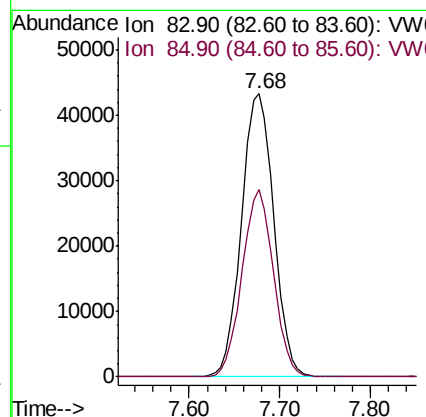
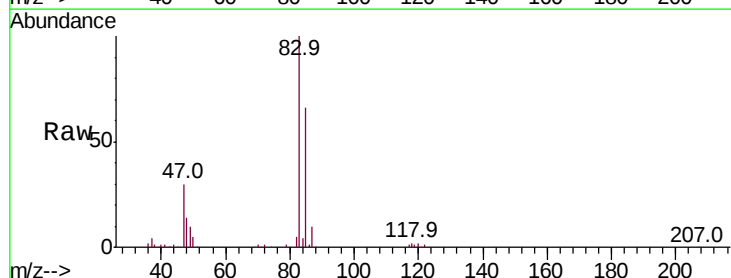
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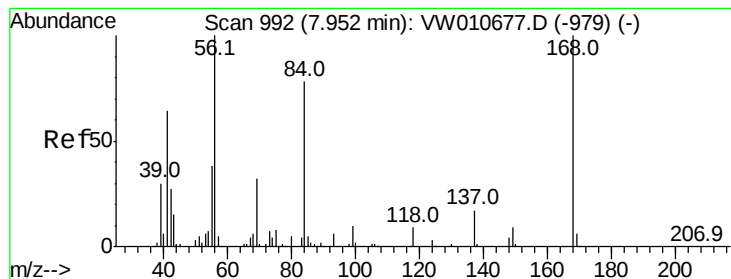
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#30
Chloroform
Concen: 22.214 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW010690.D
Acq: 05 Jun 2019 14:15

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.2	51.8	77.8





#31

Cyclohexane

Concen: 21.732 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010690.D

Acq: 05 Jun 2019 14:15

Instrument :

MSVOA_W

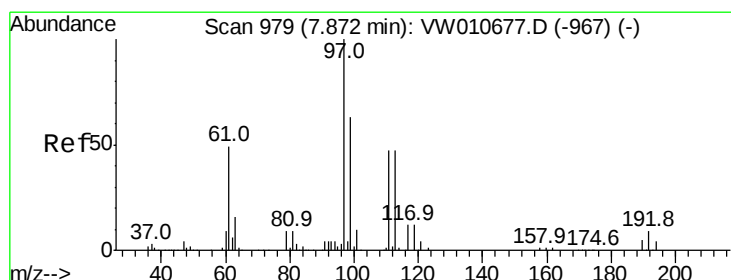
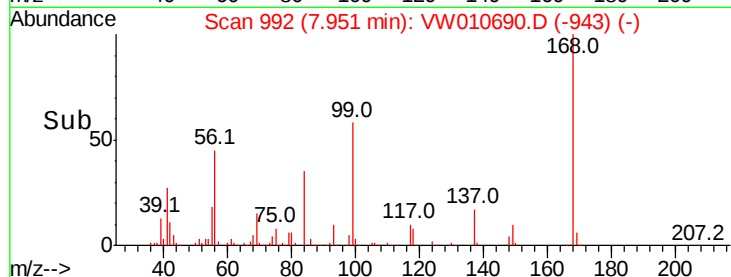
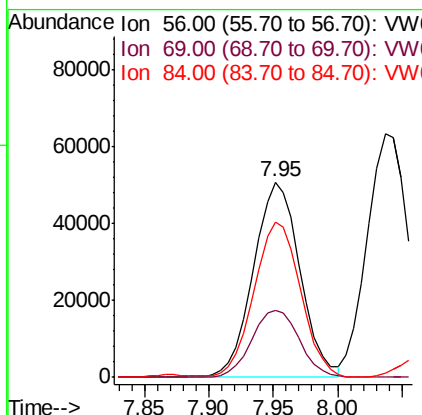
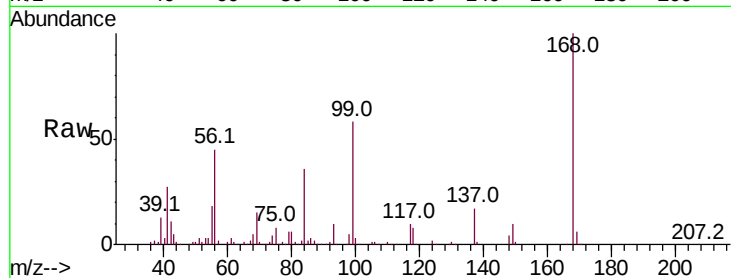
ClientSampleId :

VW0605SBS02

Tot Ion	56	Resp	127092
Ion Ratio	Lower	Upper	
56	100		
69	34.6	25.2	37.8
84	78.9	62.2	93.2

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#32

1,1,1-Trichloroethane

Concen: 22.471 ug/l

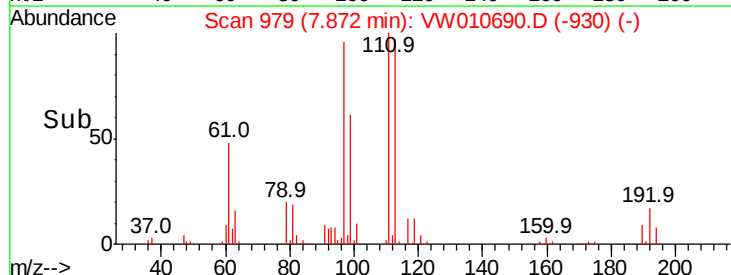
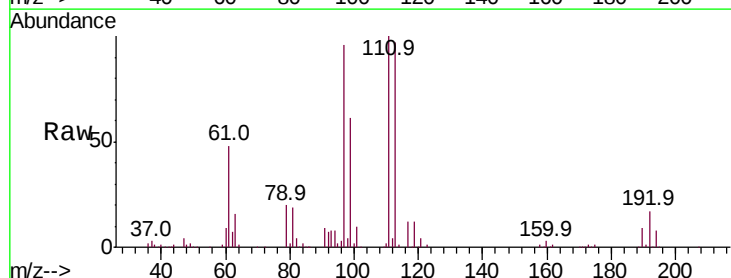
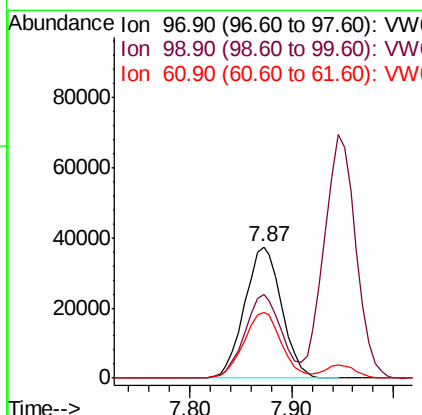
RT: 7.87 min Scan# 979

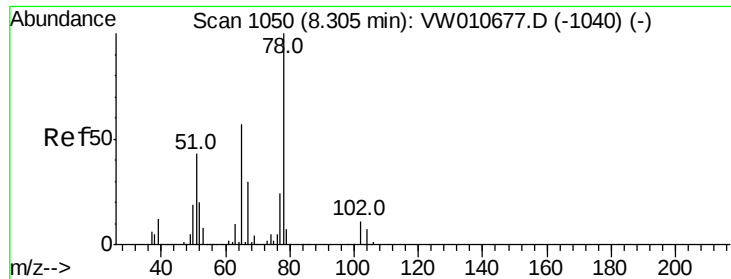
Delta R.T. -0.00 min

Lab File: VW010690.D

Acq: 05 Jun 2019 14:15

Tgt Ion	97	Resp	94455
Ion Ratio	Lower	Upper	
97	100		
99	63.9	51.3	76.9
61	50.5	40.4	60.6





#33

1,2-Dichloroethane-d4

Concen: 54.194 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010690.D

Acq: 05 Jun 2019 14:15

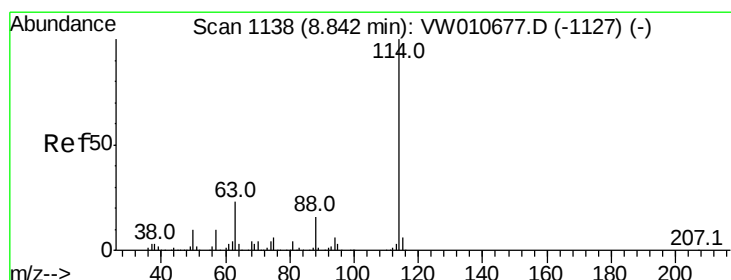
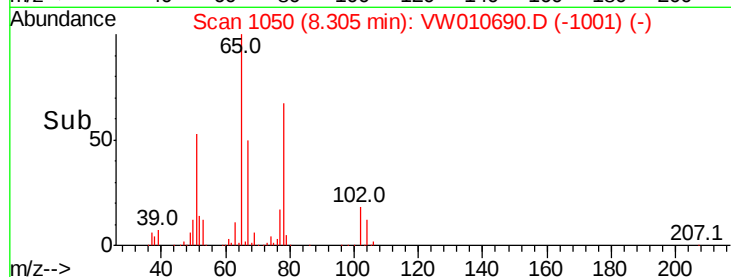
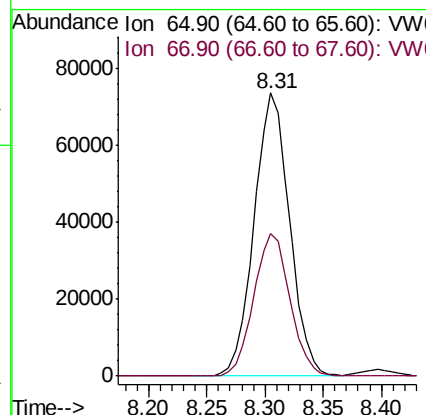
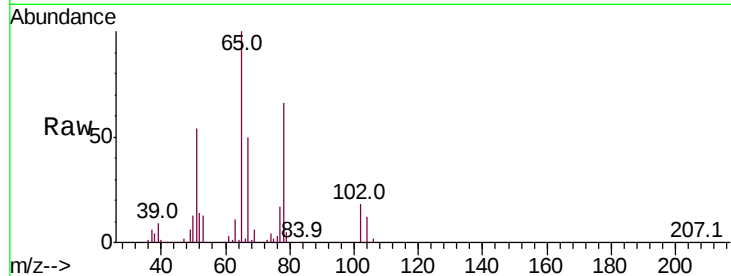
Instrument :
MSVOA_W

ClientSampleId :
VW0605SBS02

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	102.6

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

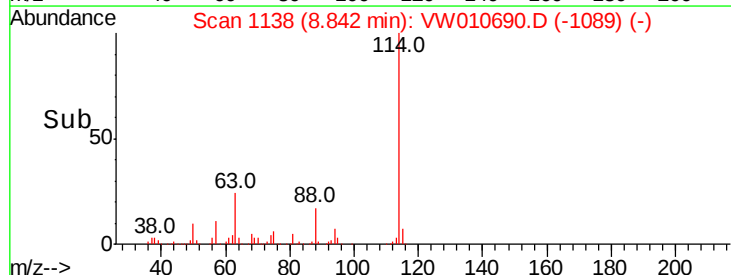
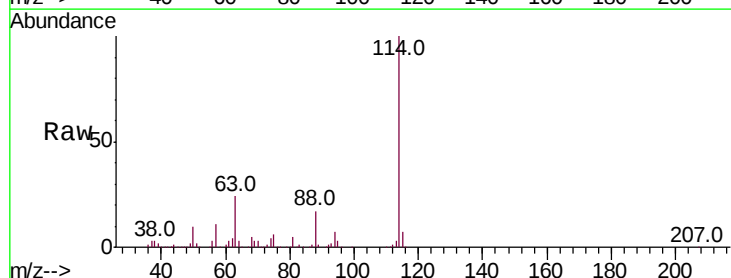
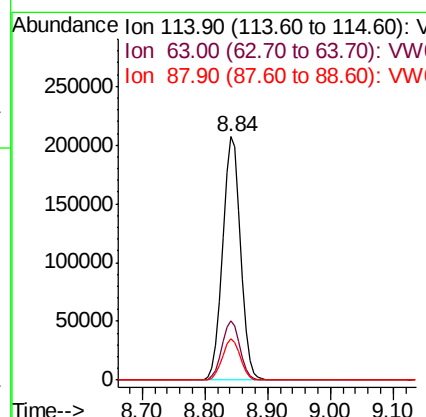
RT: 8.84 min Scan# 1138

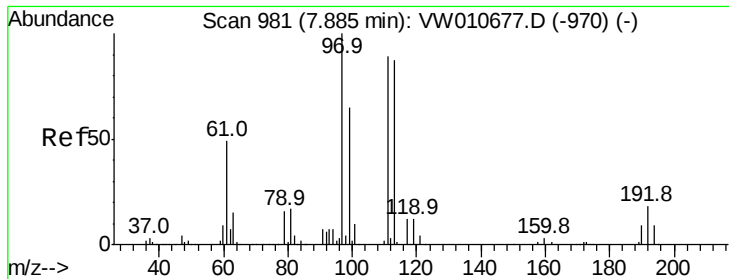
Delta R.T. -0.00 min

Lab File: VW010690.D

Acq: 05 Jun 2019 14:15

Tgt Ion	Ratio	Lower	Upper
114	100		
63	24.3	0.0	46.4
88	16.8	0.0	32.2





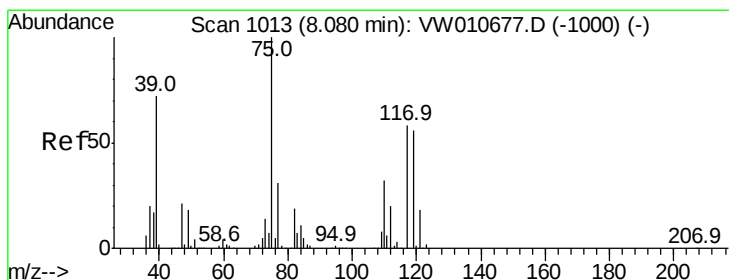
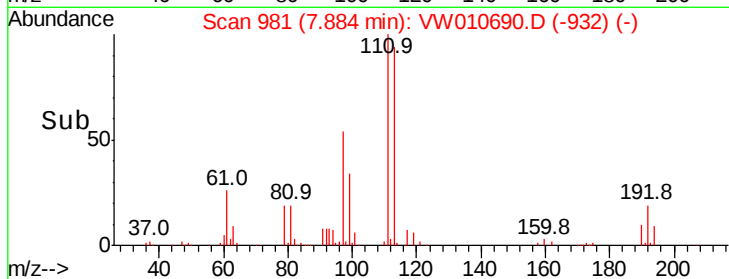
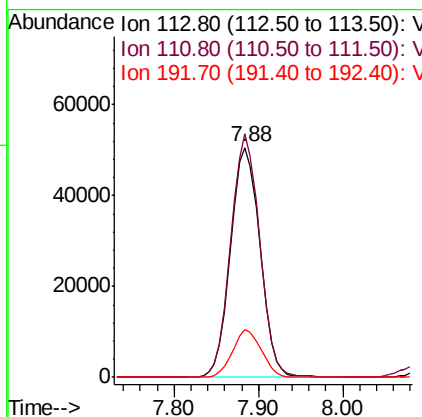
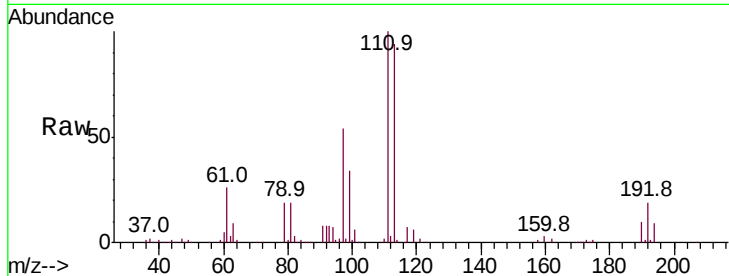
#35
Dibromofluoromethane
Concen: 54.401 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW010690.D
Acq: 05 Jun 2019 14:15

Instrument :
MSVOA_W
ClientSampleId :
VW0605SBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	103.4	82.6	123.8	
192	20.0	16.4	24.6	

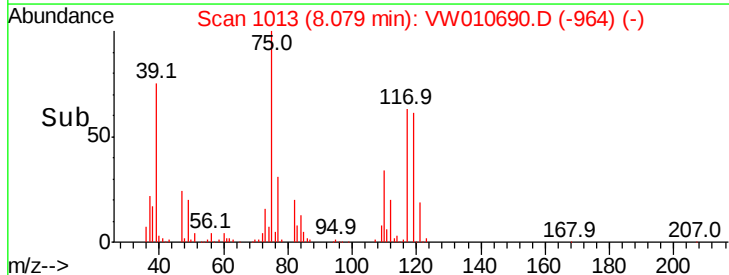
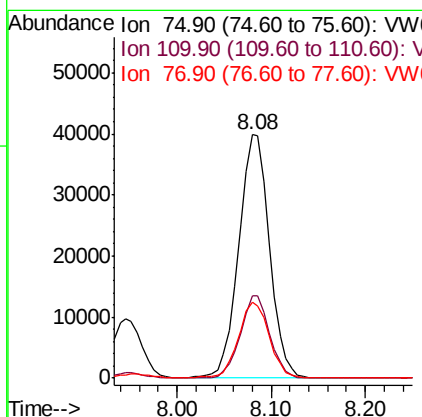
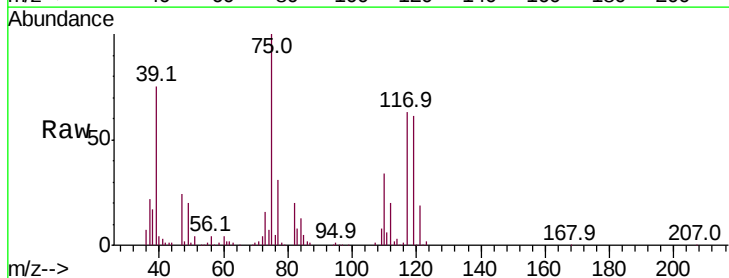
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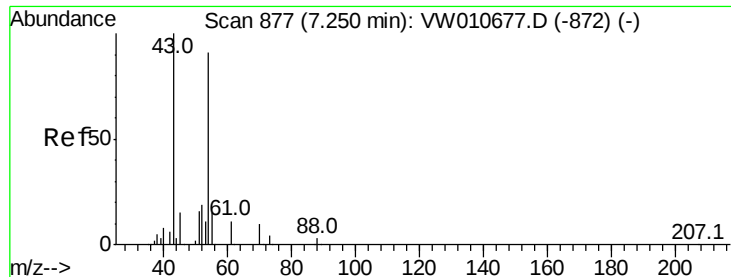
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#36
1,1-Dichloropropene
Concen: 21.780 ug/l
RT: 8.08 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VW010690.D
Acq: 05 Jun 2019 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	32.3	15.8	47.3	
77	31.4	24.7	37.1	





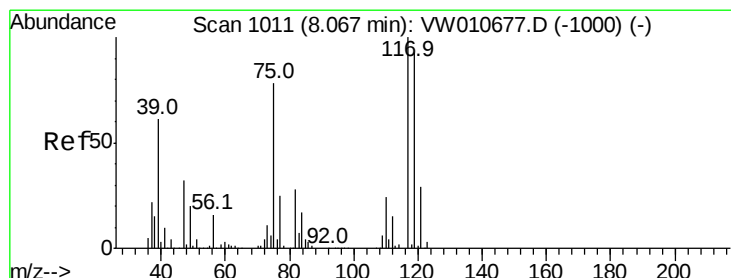
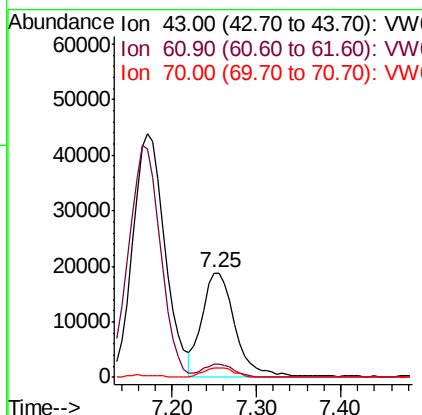
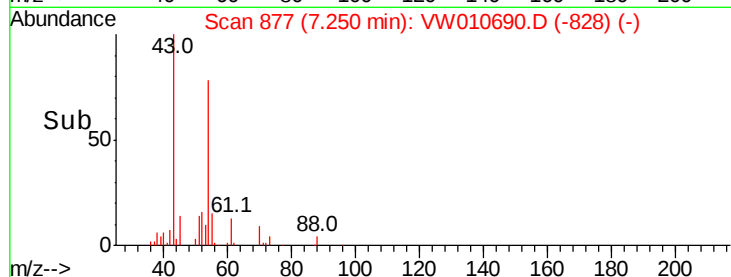
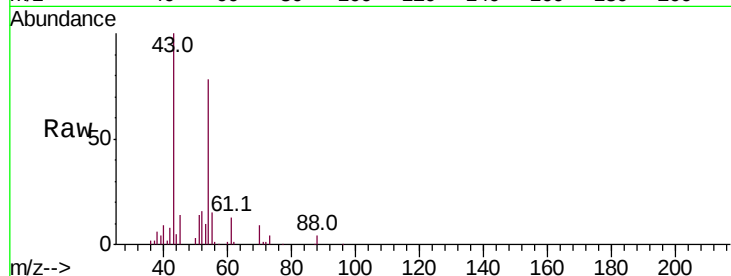
#37
Ethyl Acetate
Concen: 21.897 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW010690.D
Acq: 05 Jun 2019 14:15

Instrument :
MSVOA_W
ClientSampleId :
VW0605SBS02

Tot Ion: 43 Resp: 50624
Ion Ratio Lower Upper
43 100
61 12.2 9.7 14.5
70 8.8 7.2 10.8

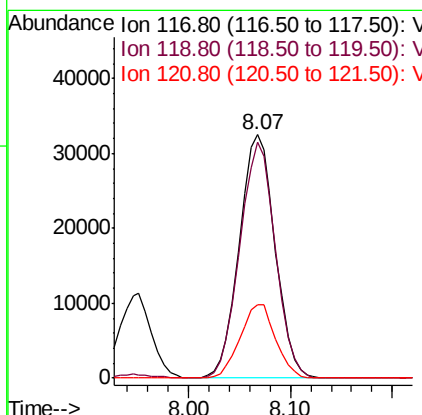
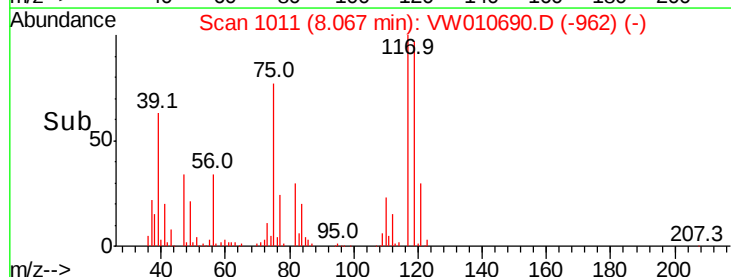
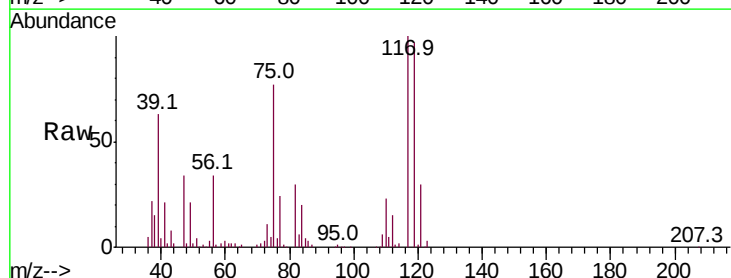
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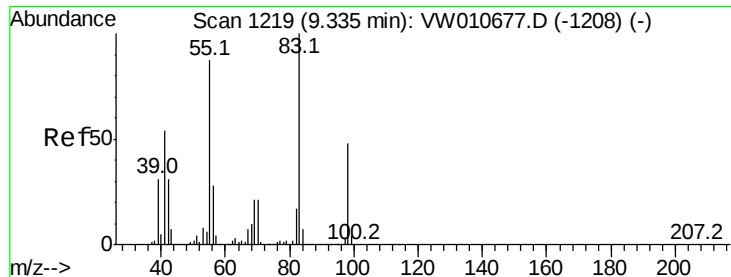
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#38
Carbon Tetrachloride
Concen: 21.994 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW010690.D
Acq: 05 Jun 2019 14:15

Tgt Ion: 117 Resp: 79215
Ion Ratio Lower Upper
117 100
119 97.0 74.2 111.4
121 30.2 22.9 34.3





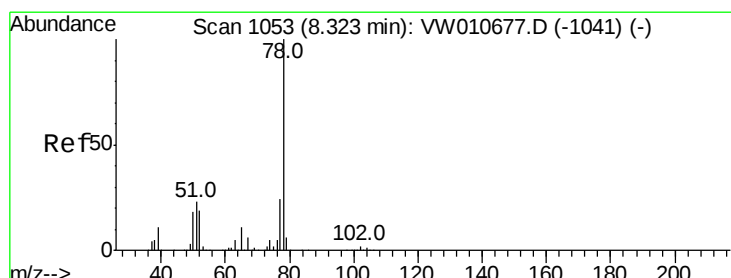
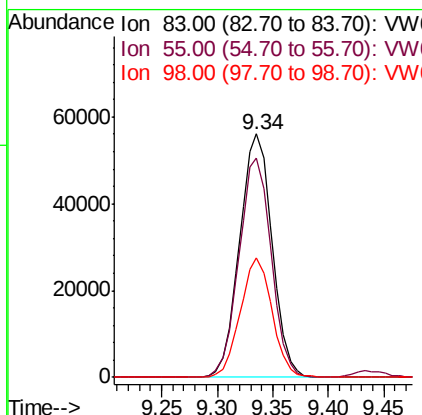
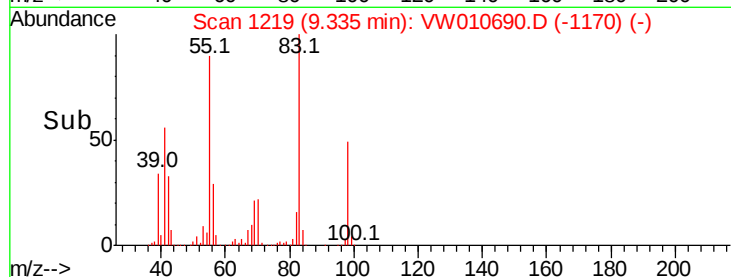
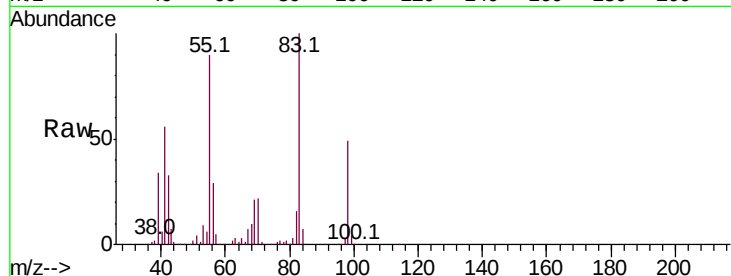
#39
Methvlcvclohexane
Concen: 21.475 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW010690.D
Acq: 05 Jun 2019 14:15

Instrument :
MSVOA_W
ClientSampleId :
VW0605SBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	90.0	70.0	105.0
98	48.8	38.1	57.1

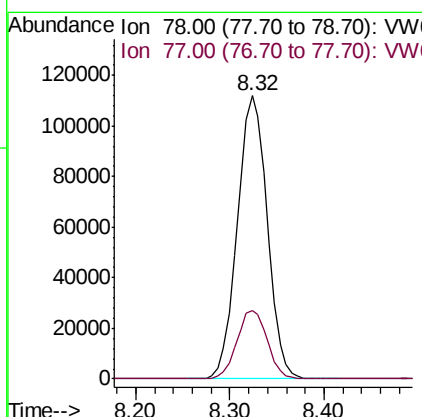
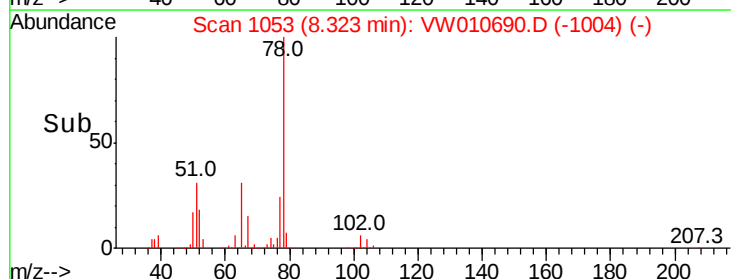
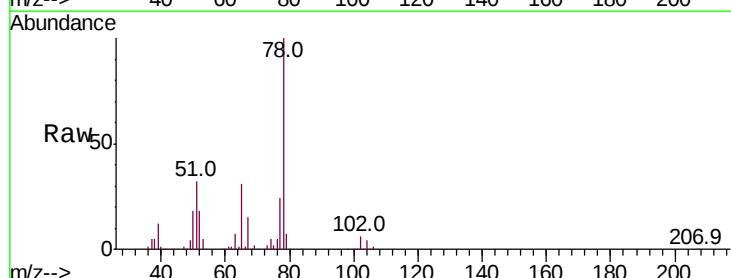
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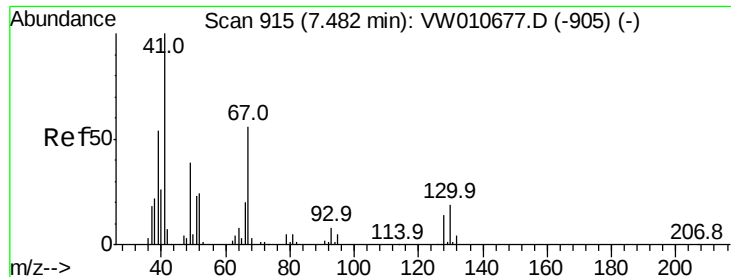
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#40
Benzene
Concen: 21.811 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW010690.D
Acq: 05 Jun 2019 14:15

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.1	28.7





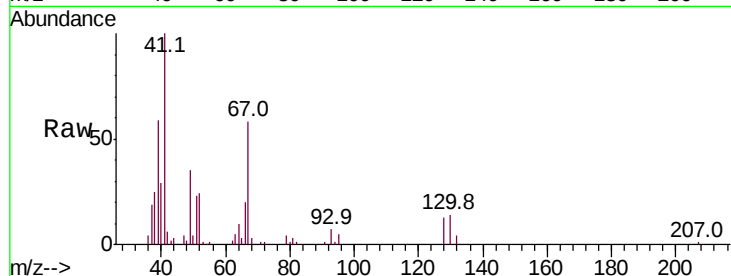
#41
Methacrylonitrile
Concen: 23.816 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW010690.D
Acq: 05 Jun 2019 14:15

Instrument :
MSVOA_W
ClientSampleId :
VW0605SBS02

Tot Ion:	41	Resp:	32729
Ion	Ratio	Lower	Upper
41	100		
39	47.3	47.3	70.9
67	54.6	47.2	70.8
52	24.7	21.3	31.9

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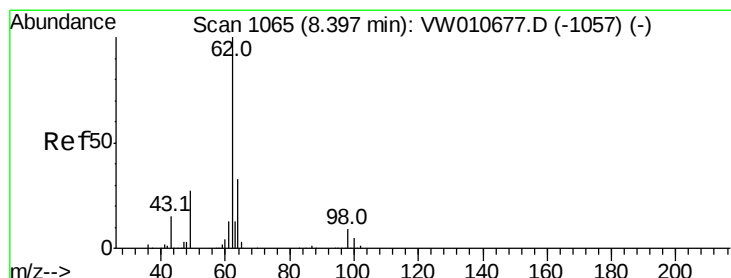
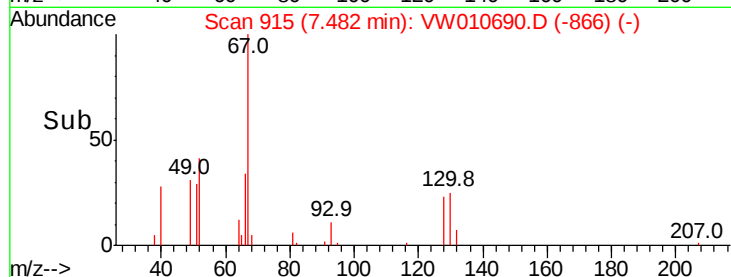
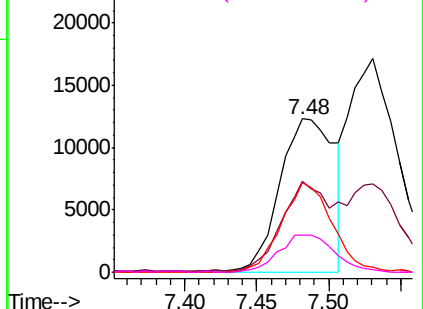
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

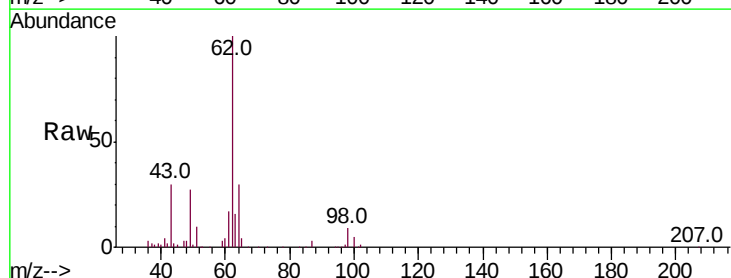
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42
1,2-Dichloroethane
Concen: 22.385 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.01 min
Lab File: VW010690.D
Acq: 05 Jun 2019 14:15

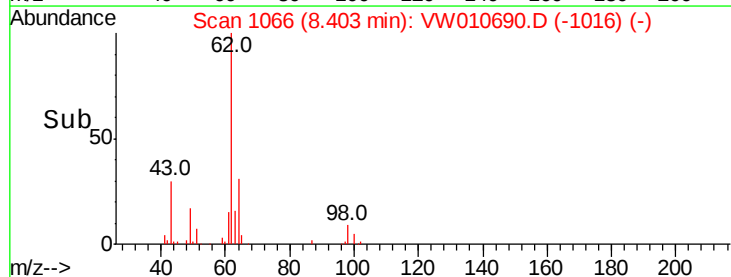
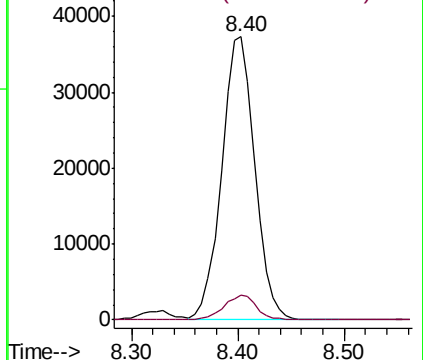
Tgt Ion:	62	Resp:	80864
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.2

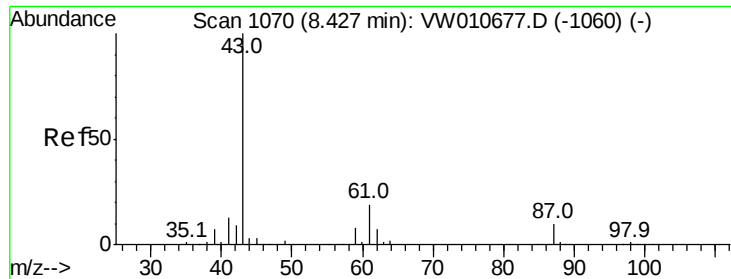


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





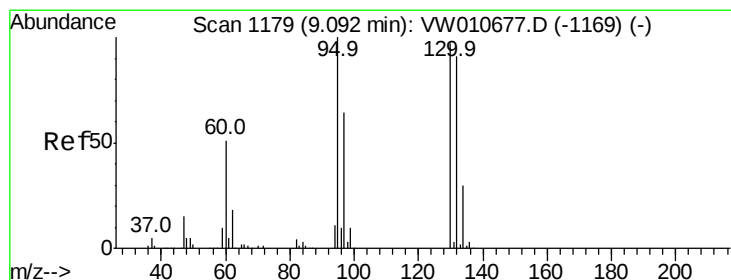
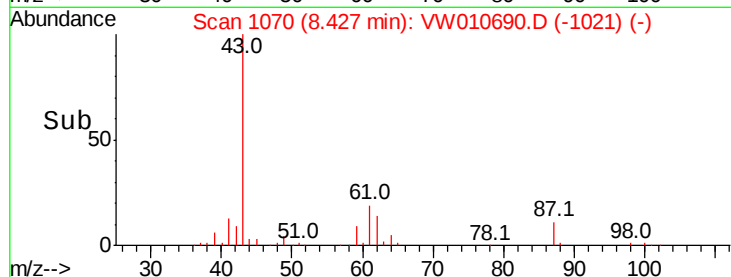
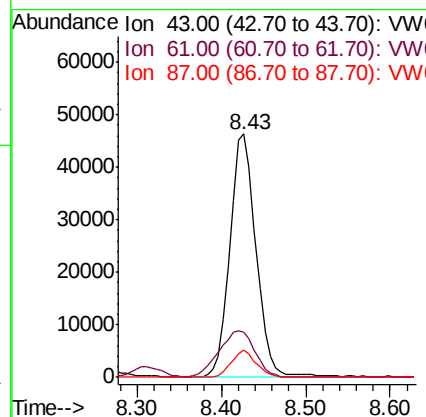
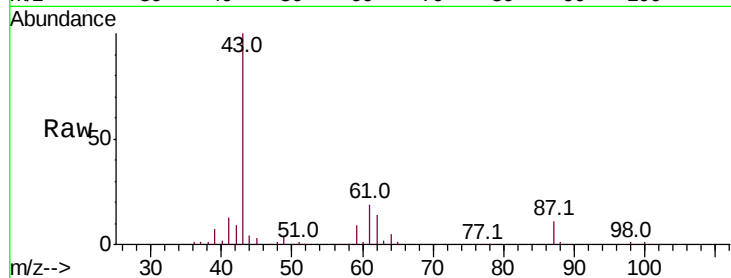
#43
Isopropyl Acetate
Concen: 21.845 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. -0.00 min
Lab File: VW010690.D
Acq: 05 Jun 2019 14:15

Instrument :
MSVOA_W
ClientSampleId :
VW0605SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	26.4	21.2	31.8
87	10.8	8.3	12.5

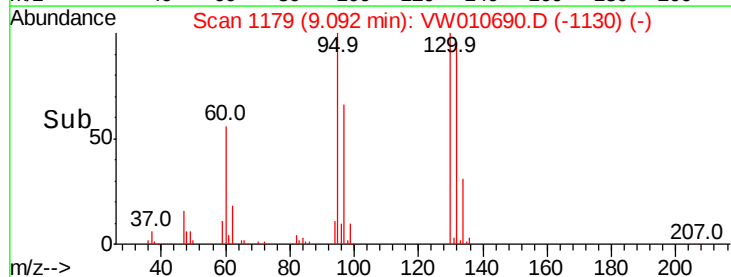
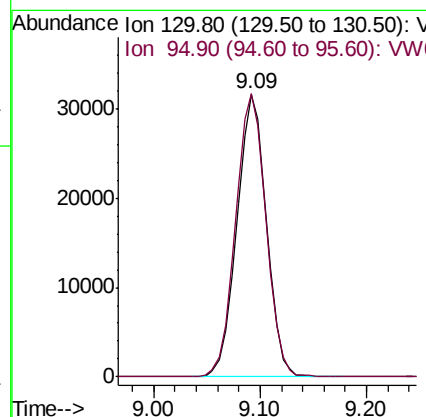
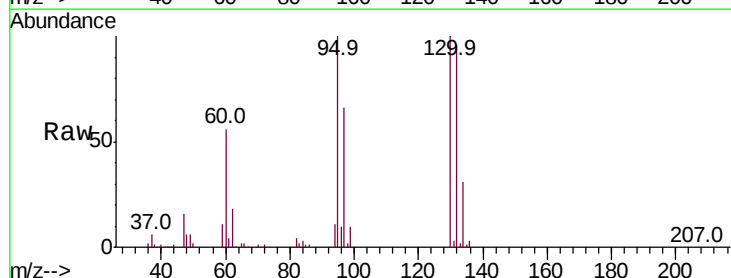
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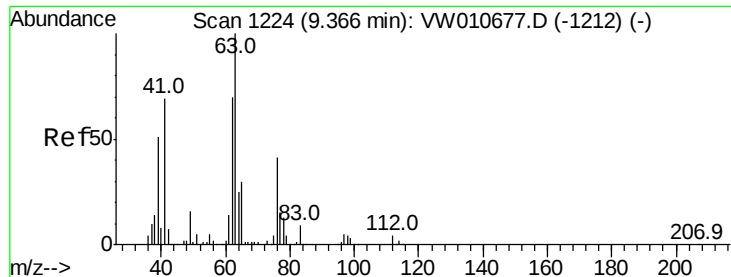
MMDadoda
6/6/2019 11:51:49 AM



#44
Trichloroethene
Concen: 21.850 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VW010690.D
Acq: 05 Jun 2019 14:15

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.3	0.0	207.0





#45

1,2-Dichloropropane

Concen: 22.257 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW010690.D

Acq: 05 Jun 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

VW0605SBS02

Tot Ion: 63 Resp: 67059

Ion Ratio Lower Upper

63 100

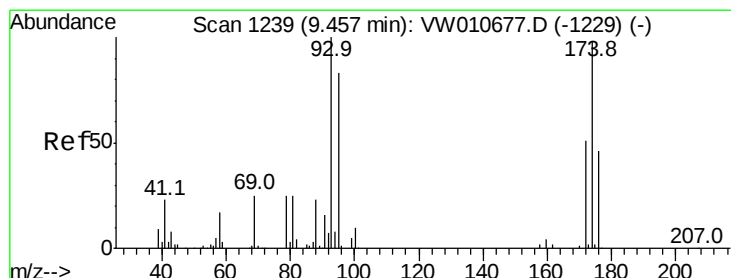
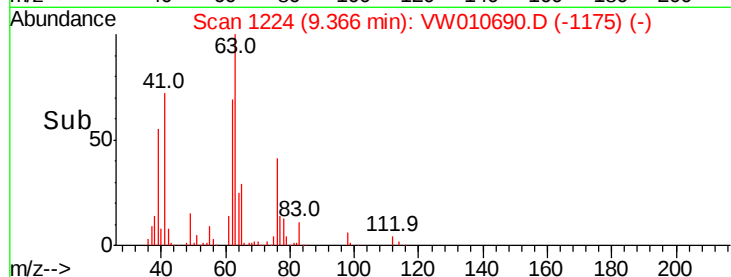
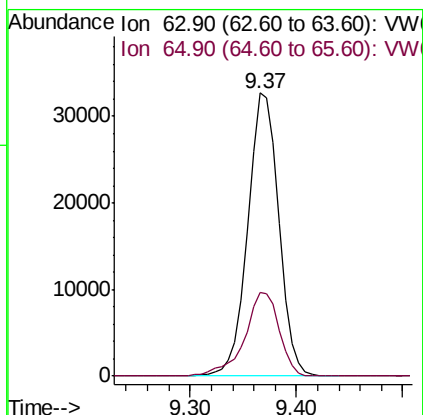
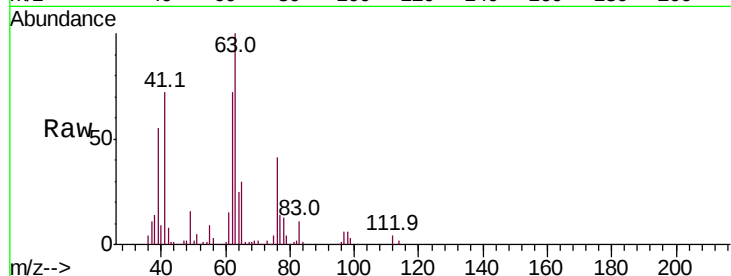
65 29.6 23.8 35.6

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#46

Dibromomethane

Concen: 21.611 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW010690.D

Acq: 05 Jun 2019 14:15

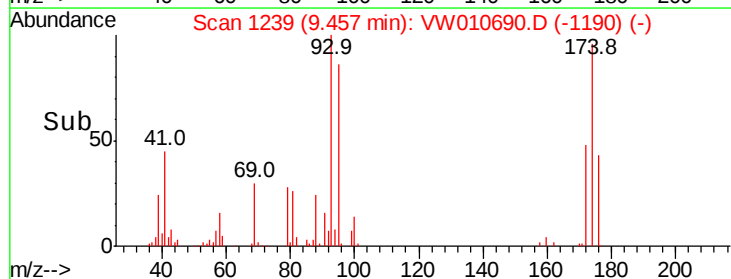
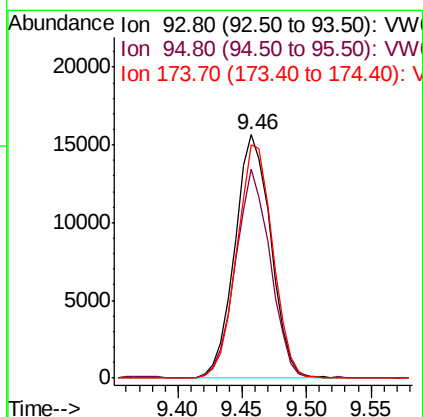
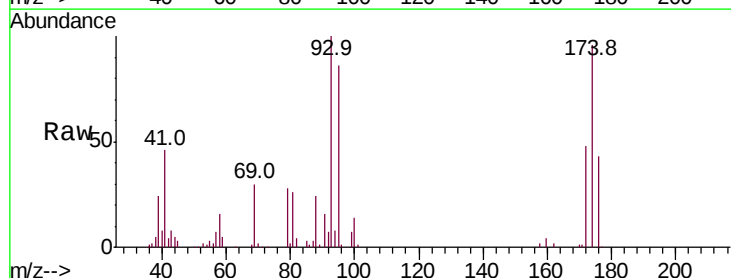
Tgt Ion: 93 Resp: 30243

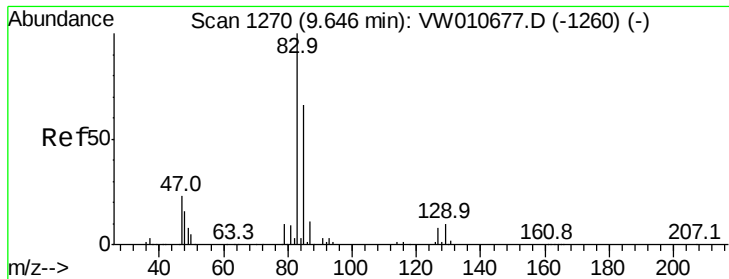
Ion Ratio Lower Upper

93 100

95 83.2 65.8 98.8

174 95.8 77.4 116.0





#47

Bromodichloromethane

Concen: 22.206 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW010690.D

Acq: 05 Jun 2019 14:15

Instrument :

MSVOA_W

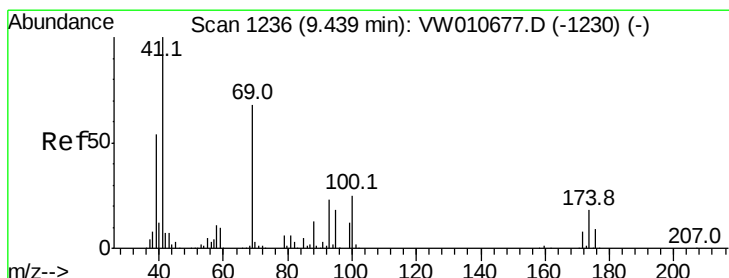
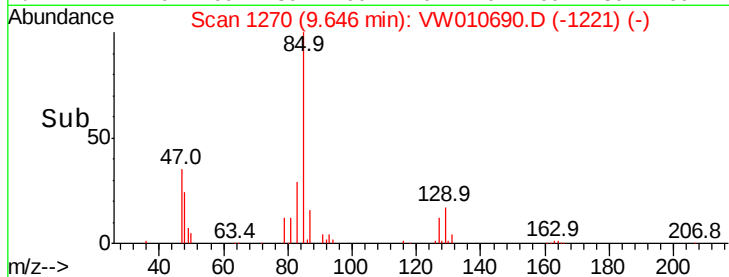
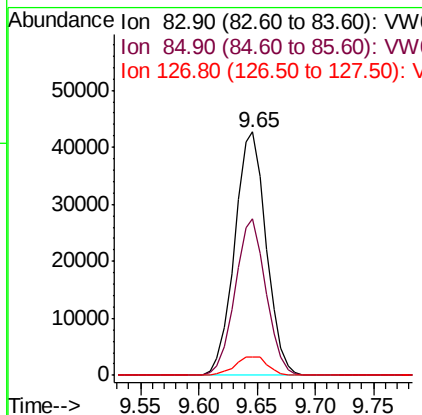
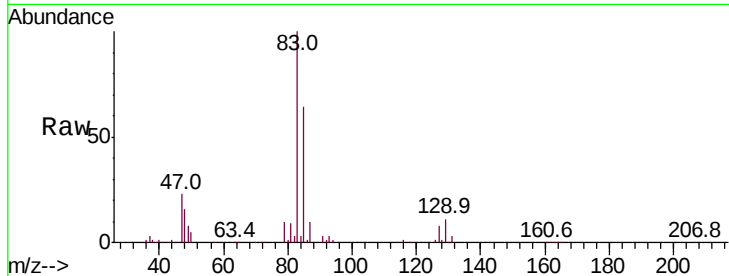
ClientSampleId :

VW0605SBS02

Tot Ion:	83	Resp:	80554
Ion Ratio	Lower	Upper	
83	100		
85	64.1	53.0	79.4
127	7.7	6.4	9.6

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#48

Methyl methacrylate

Concen: 21.771 ug/l

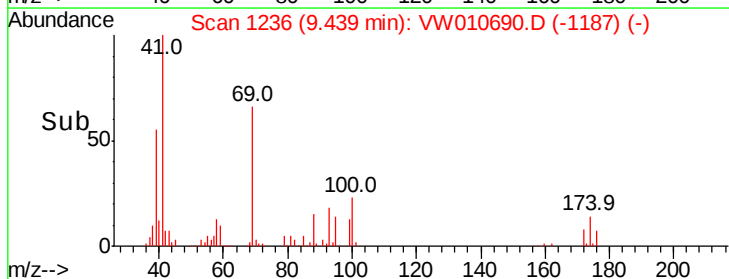
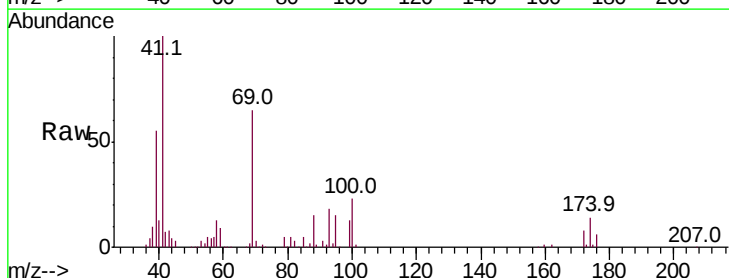
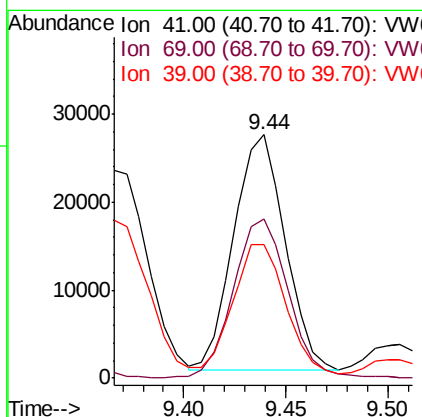
RT: 9.44 min Scan# 1236

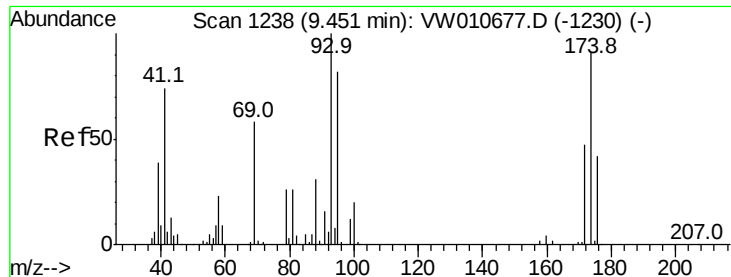
Delta R.T. -0.00 min

Lab File: VW010690.D

Acq: 05 Jun 2019 14:15

Tgt Ion:	41	Resp:	46884
Ion Ratio	Lower	Upper	
41	100		
69	73.0	56.6	85.0
39	55.9	44.4	66.6





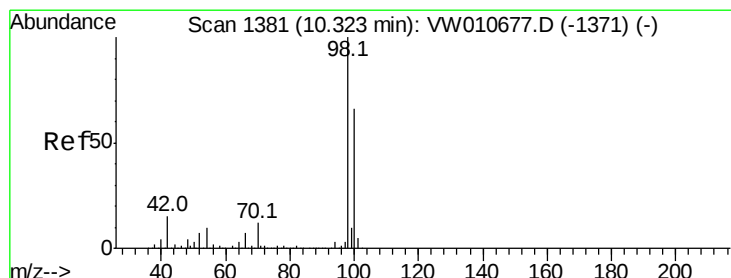
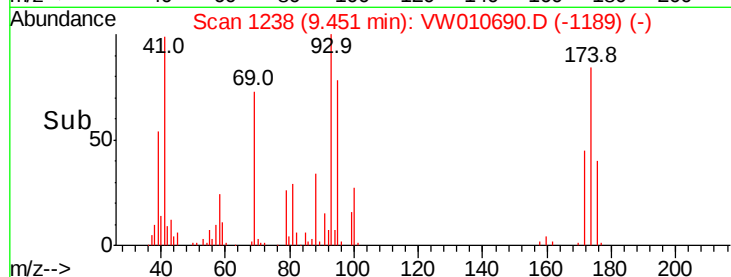
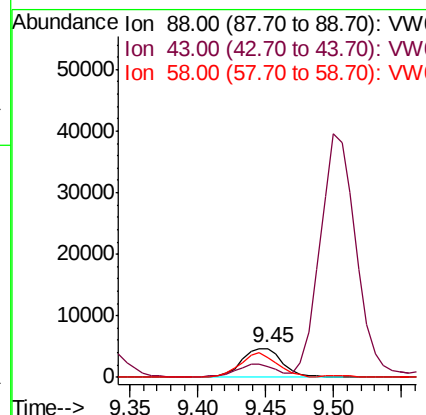
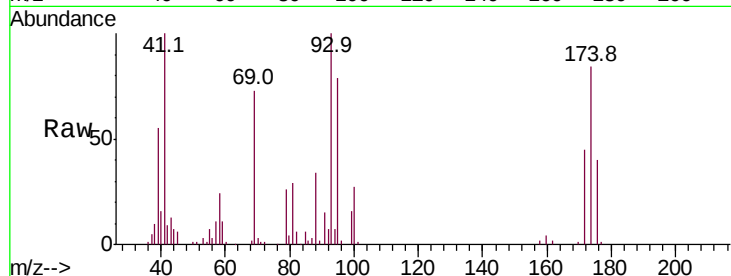
#49
 1,4-Dioxane
 Concen: 451.110 ug/l
 RT: 9.45 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: VW010690.D
 Acq: 05 Jun 2019 14:15

Instrument :
 MSVOA_W
 ClientSampled :
 VW0605SBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	40.7	34.2	51.4
58	78.2	69.0	103.4

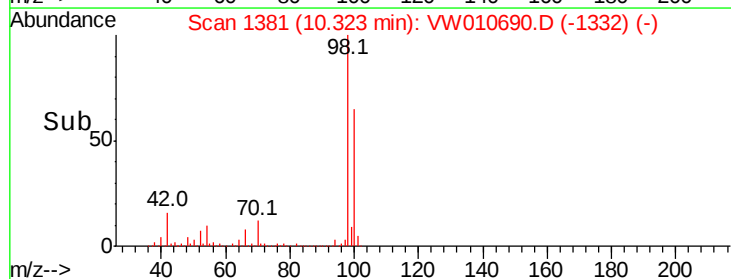
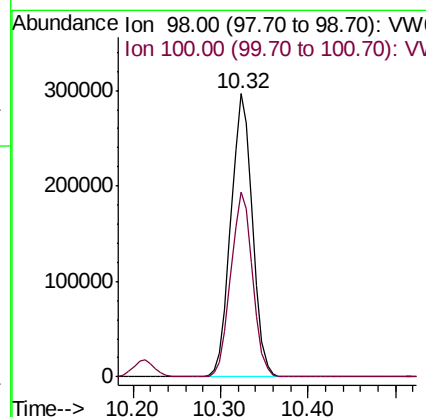
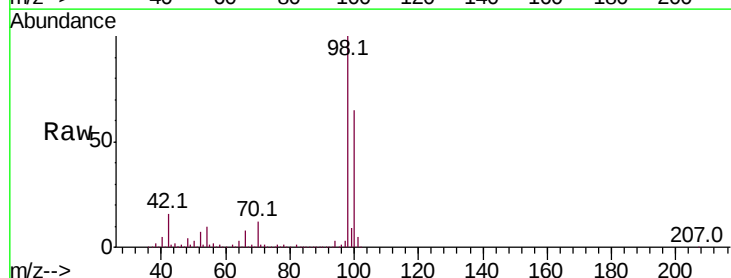
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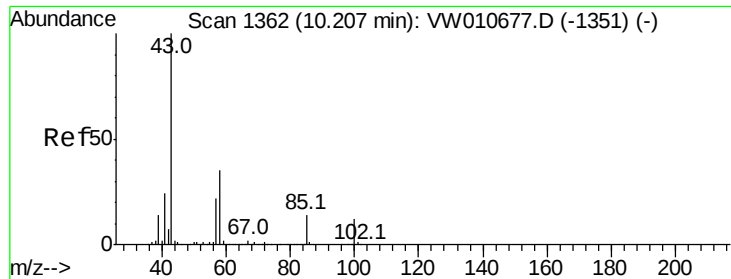
MMDadoda
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#50
 Toluene-d8
 Concen: 52.441 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW010690.D
 Acq: 05 Jun 2019 14:15

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	53.0	79.6





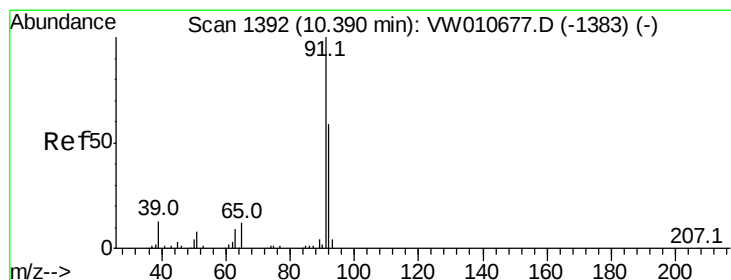
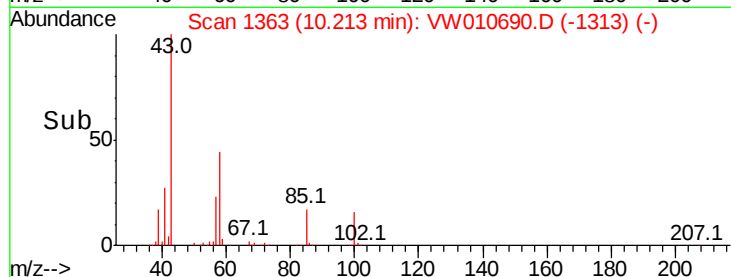
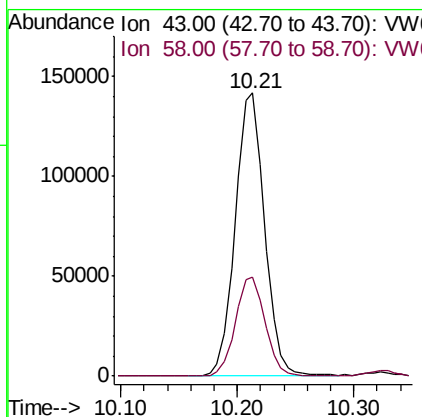
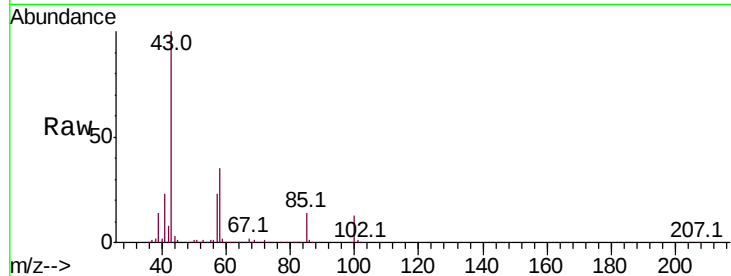
#51
4-Methyl-2-Pentanone
Concen: 109.096 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.01 min
Lab File: VW010690.D
Acq: 05 Jun 2019 14:15

Instrument :
MSVOA_W
ClientSampleId :
VW0605SBS02

Tot Ion: 43 Resp: 248939
Ion Ratio Lower Upper
43 100
58 35.5 28.4 42.6

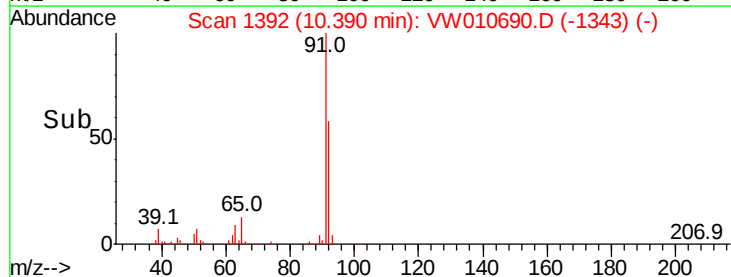
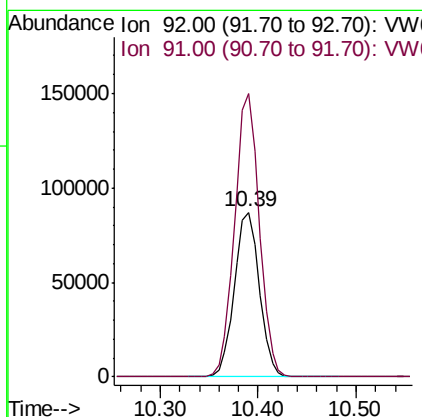
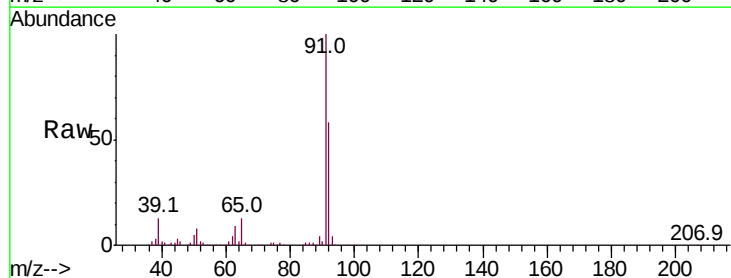
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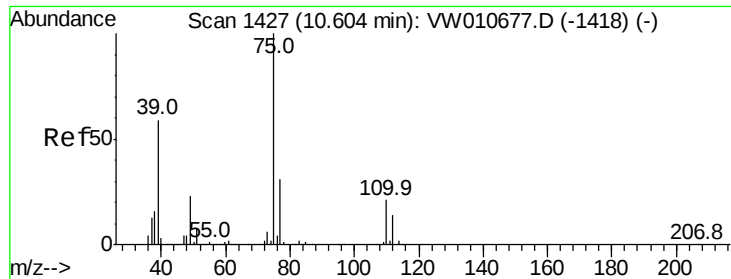
MMDadoda
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#52
Toluene
Concen: 22.083 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW010690.D
Acq: 05 Jun 2019 14:15

Tgt Ion: 92 Resp: 154649
Ion Ratio Lower Upper
92 100
91 170.0 134.9 202.3





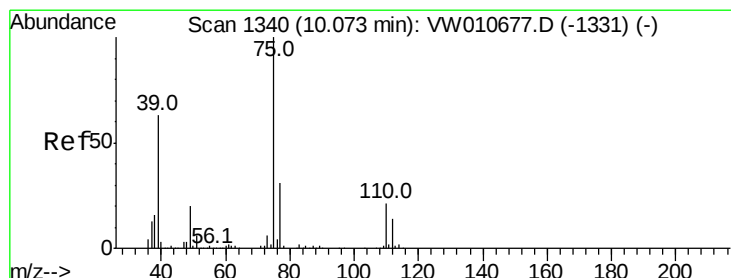
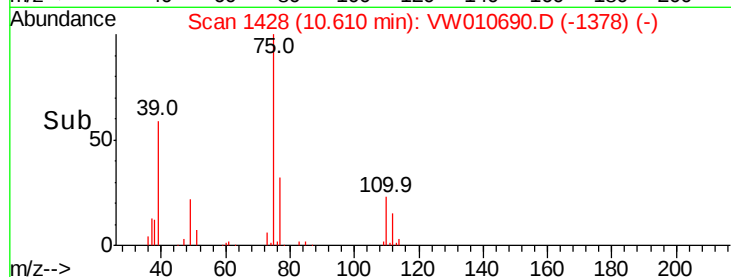
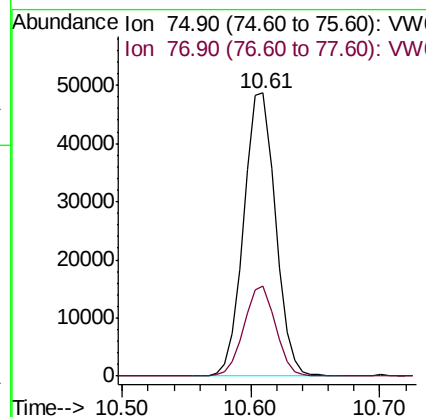
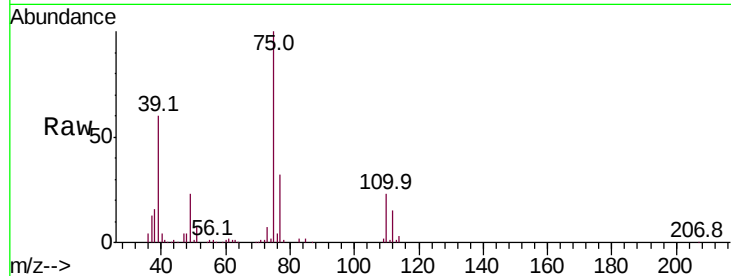
#53
t-1,3-Dichloropropene
Concen: 21.635 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. 0.01 min
Lab File: VW010690.D
Acq: 05 Jun 2019 14:15

Instrument :
MSVOA_W
ClientSampleId :
VW0605SBS02

Tot Ion: 75 Resp: 83129
Ion Ratio Lower Upper
75 100
77 31.7 24.6 36.8

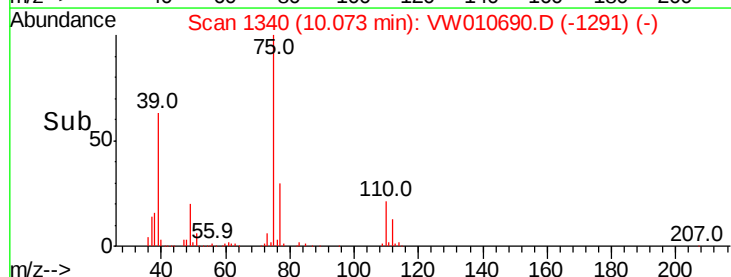
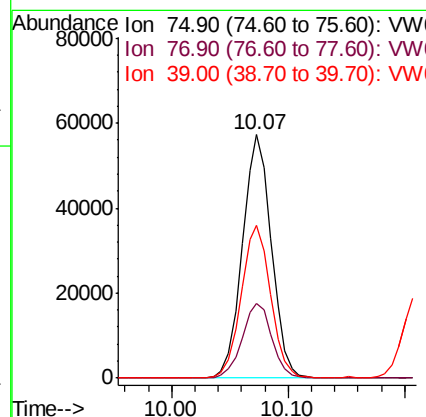
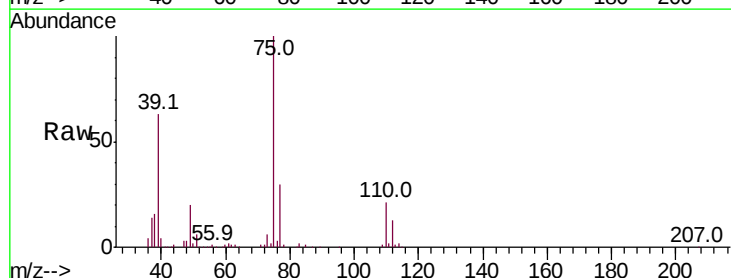
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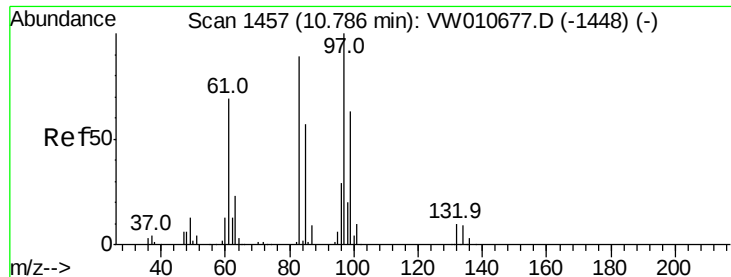
MMDadoda
6/6/2019 11:51:49 AM



#54
cis-1,3-Dichloropropene
Concen: 21.942 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW010690.D
Acq: 05 Jun 2019 14:15

Tgt Ion: 75 Resp: 99206
Ion Ratio Lower Upper
75 100
77 30.5 25.2 37.8
39 62.5 50.1 75.1





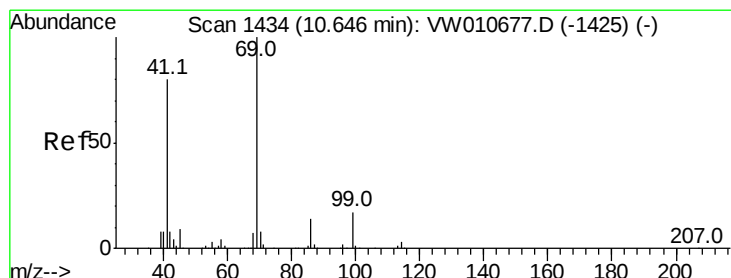
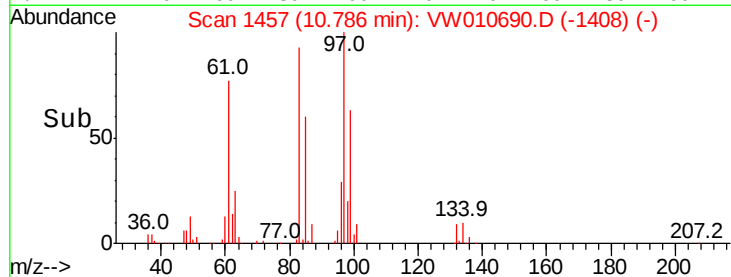
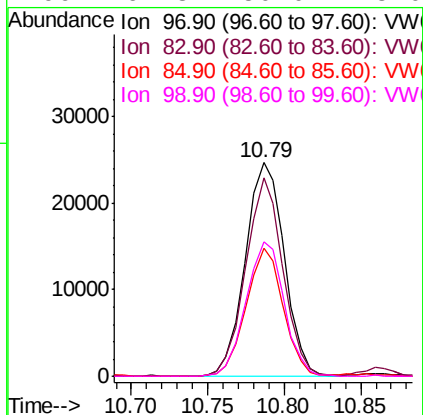
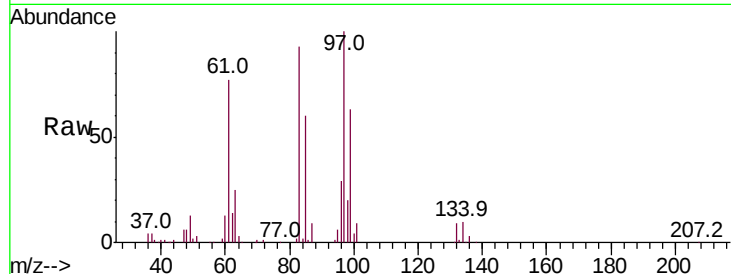
#55
 1,1,2-Trichloroethane
 Concen: 21.712 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW010690.D
 Acq: 05 Jun 2019 14:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0605SBS02

Tot Ion:	97	Resp:	43772
Ion	Ratio	Lower	Upper
97	100		
83	93.2	71.1	106.7
85	60.2	45.2	67.8
99	62.8	50.0	75.0

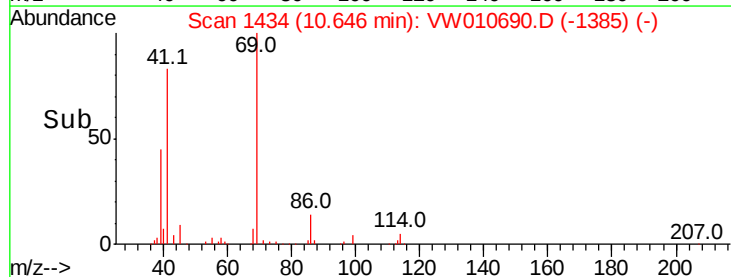
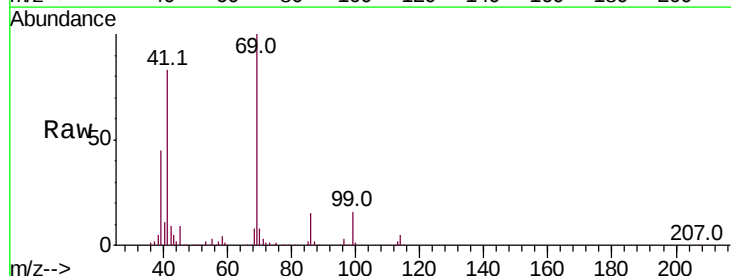
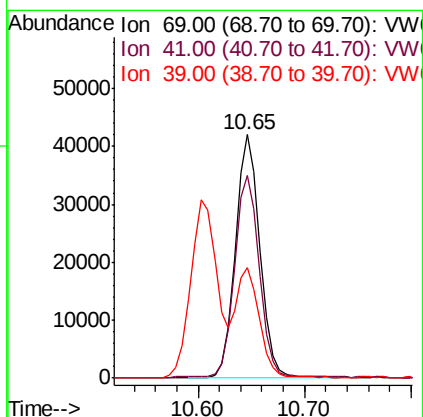
Manual Integrations
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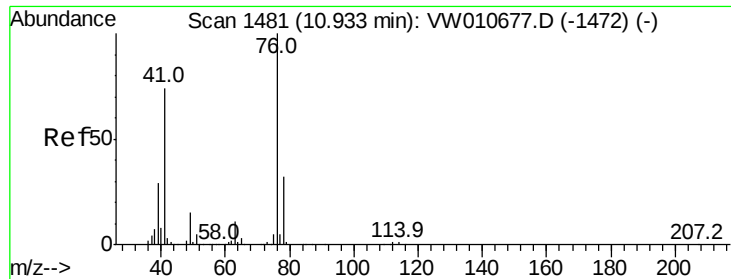
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#56
 Ethyl methacrylate
 Concen: 21.864 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW010690.D
 Acq: 05 Jun 2019 14:15

Tgt Ion:	69	Resp:	67826
Ion	Ratio	Lower	Upper
69	100		
41	85.1	64.8	97.2
39	43.3	32.2	48.2





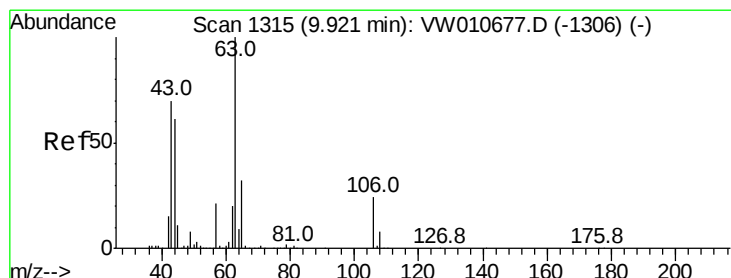
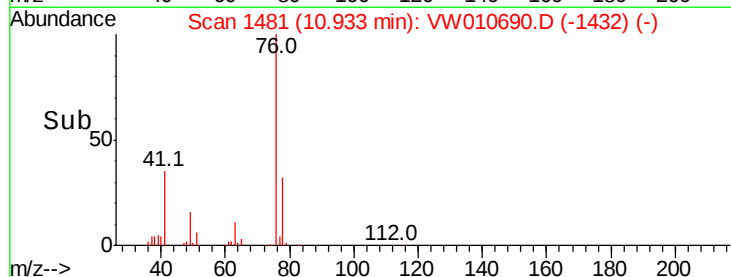
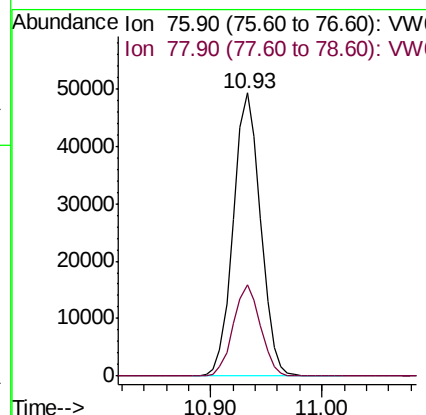
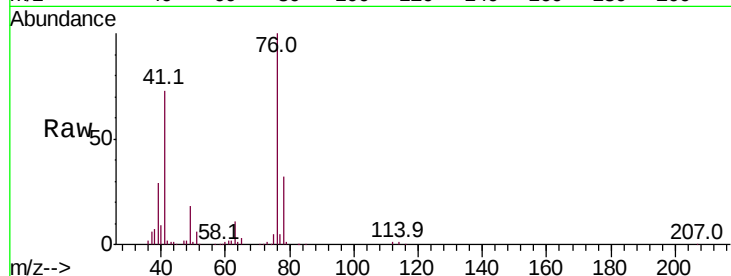
#57
 1,3-Dichloropropane
 Concen: 21.946 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW010690.D
 Acq: 05 Jun 2019 14:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0605SBS02

Tot Ion: 76 Resp: 83379
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.7 38.5

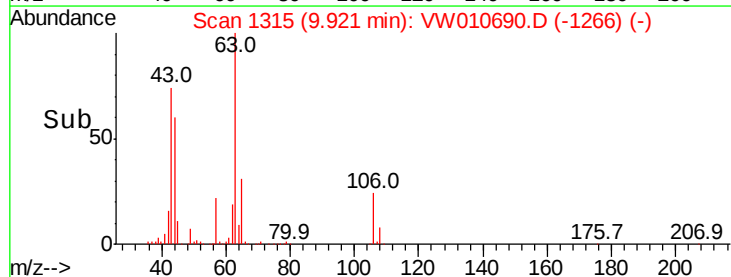
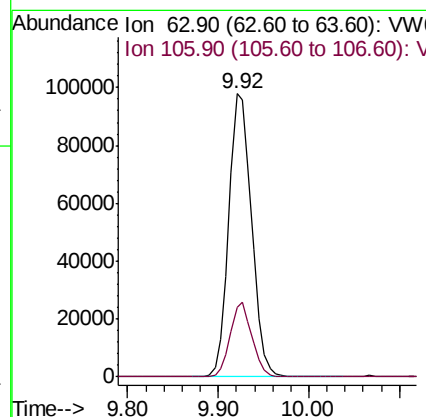
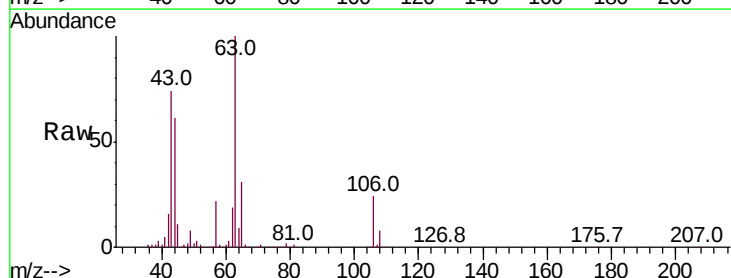
Manual Integrations
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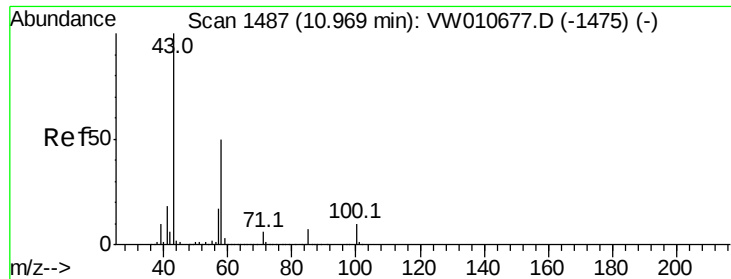
MMDadoda
 6/6/2019 11:51:49 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 105.261 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW010690.D
 Acq: 05 Jun 2019 14:15

Tgt Ion: 63 Resp: 171029
 Ion Ratio Lower Upper
 63 100
 106 24.9 20.1 30.1





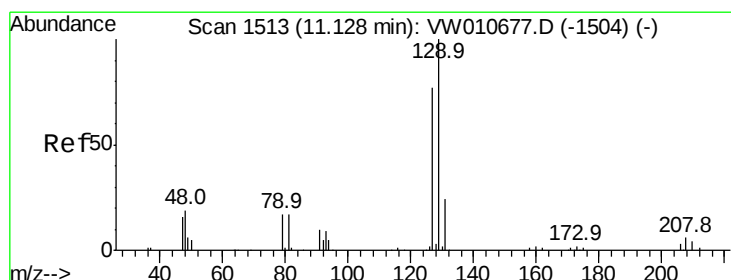
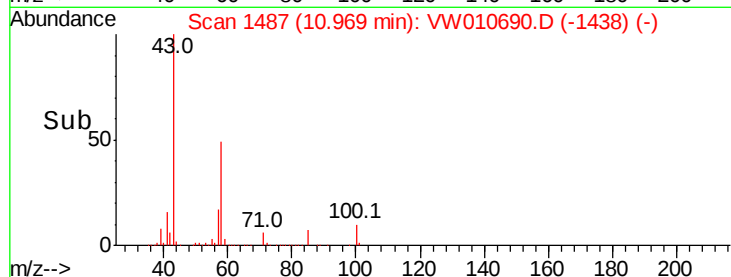
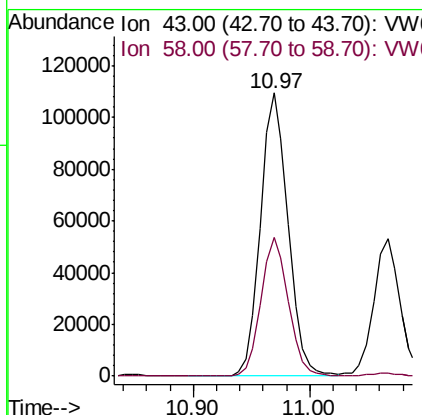
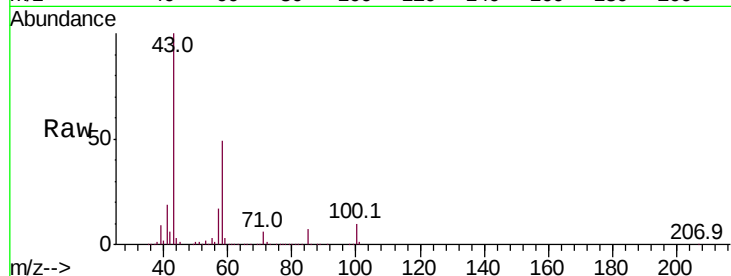
#59
2-Hexanone
Concen: 108.897 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW010690.D
Acq: 05 Jun 2019 14:15

Instrument :
MSVOA_W
ClientSampleId :
VW0605SBS02

Tot Ion: 43 Resp: 179586
Ion Ratio Lower Upper
43 100
58 48.8 24.9 74.6

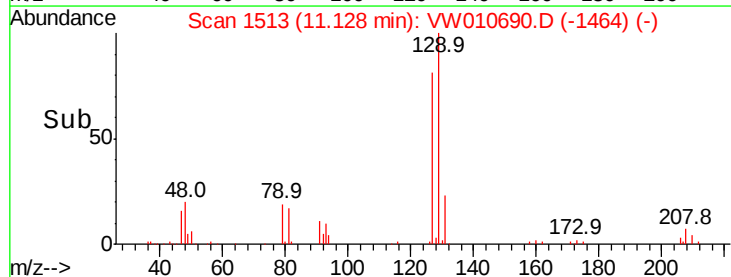
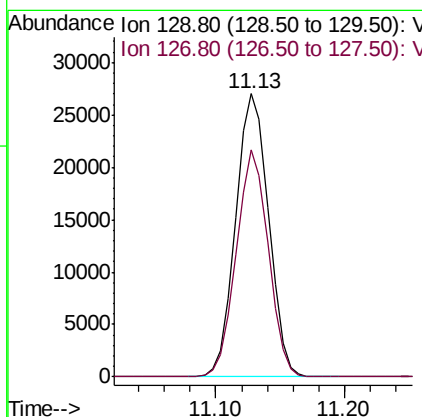
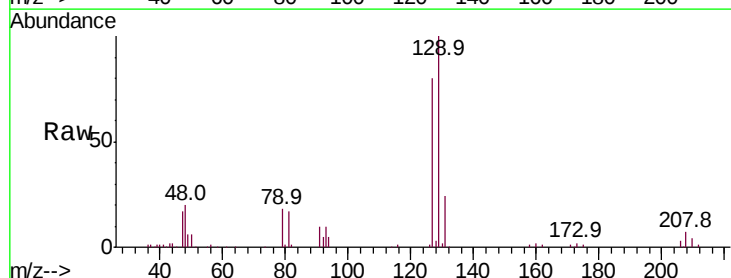
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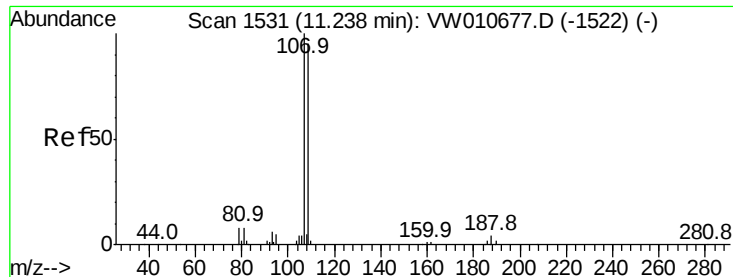
MMDadoda
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#60
Dibromochloromethane
Concen: 21.420 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW010690.D
Acq: 05 Jun 2019 14:15

Tgt Ion: 129 Resp: 47869
Ion Ratio Lower Upper
129 100
127 78.0 38.6 116.0





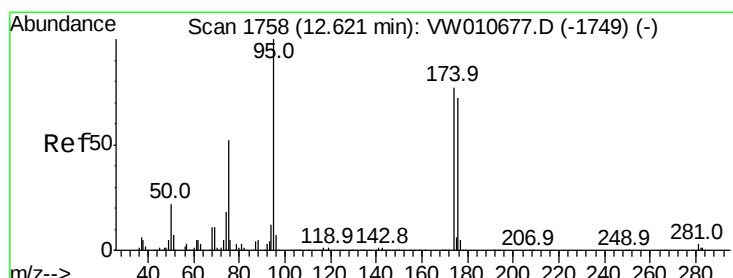
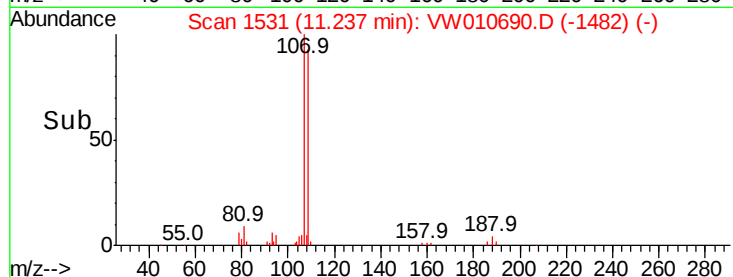
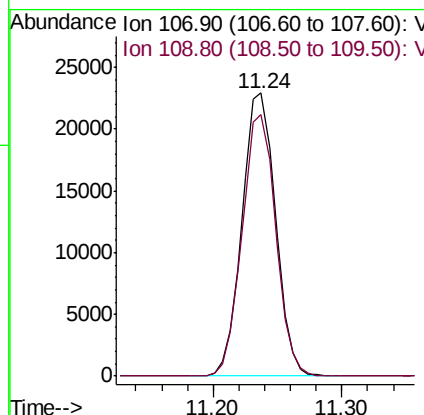
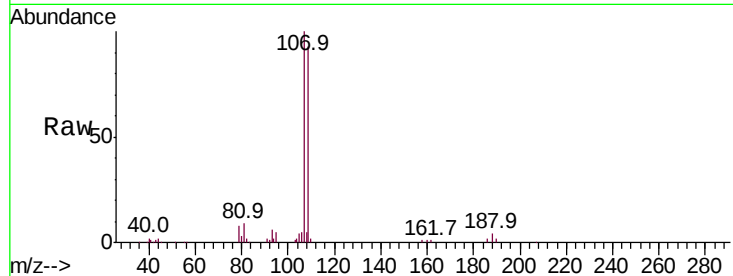
#61
 1,2-Dibromoethane
 Concen: 21.606 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW010690.D
 Acq: 05 Jun 2019 14:15

Instrument :
 MSVOA_W
 ClientSampled :
 VW0605SBS02

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.8	75.8	113.8

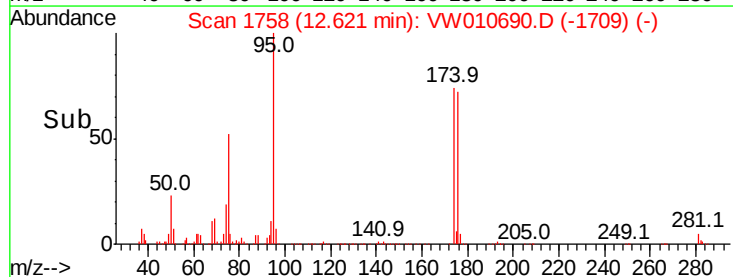
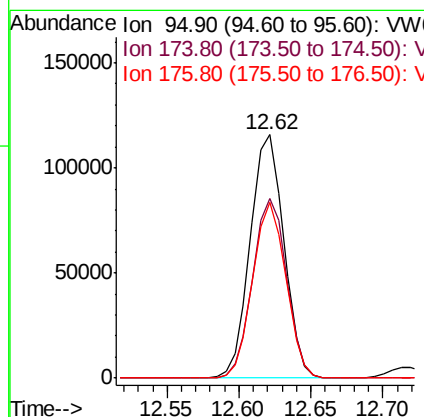
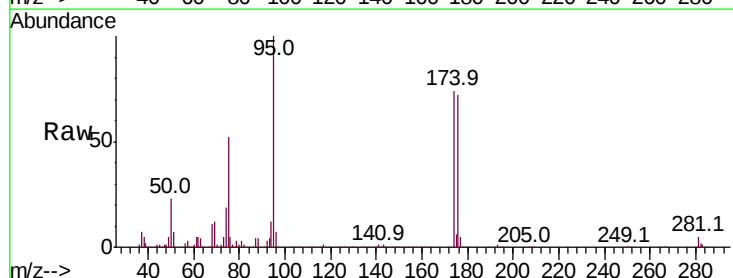
Manual Integrations
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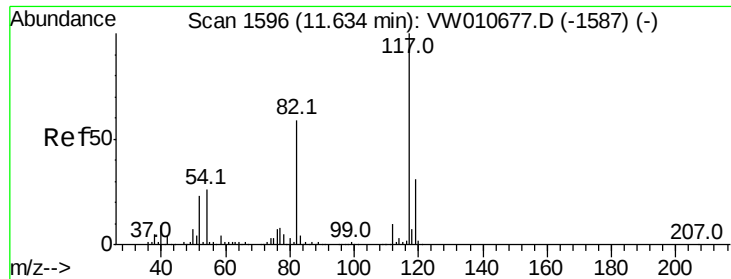
MMDadoda
 6/6/2019 11:51:49 AM



#62
 4-Bromofluorobenzene
 Concen: 53.070 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW010690.D
 Acq: 05 Jun 2019 14:15

Tgt Ion	Ratio	Lower	Upper
95	100		
174	74.3	0.0	150.4
176	71.2	0.0	144.8





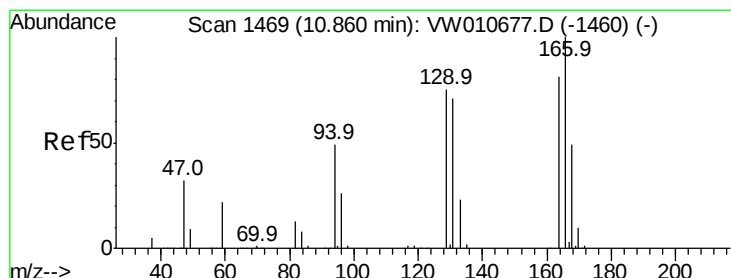
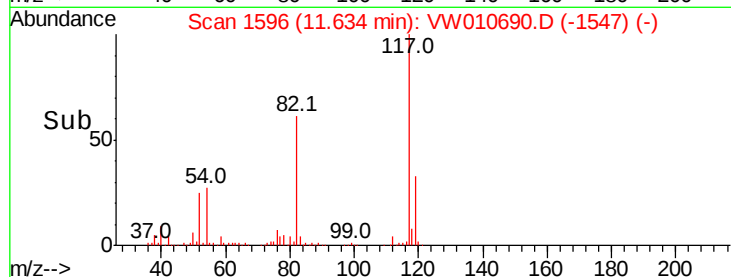
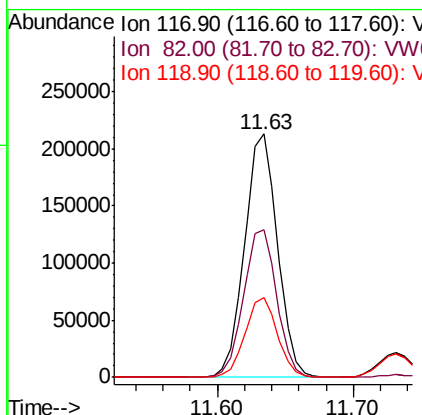
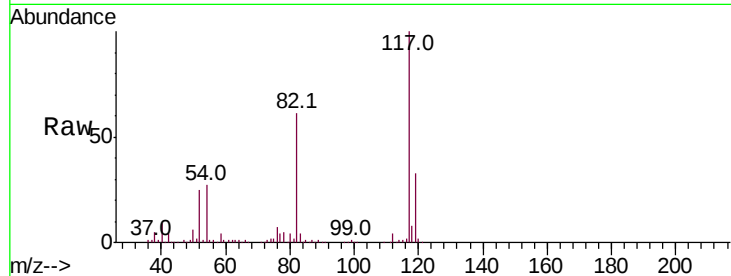
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010690.D
Acq: 05 Jun 2019 14:15

Instrument :
MSVOA_W
ClientSampleId :
VW0605SBS02

Tot Ion	Ratio	Resp	Lower	Upper
117	100			
82	60.8	47.0	70.4	
119	32.9	25.1	37.7	

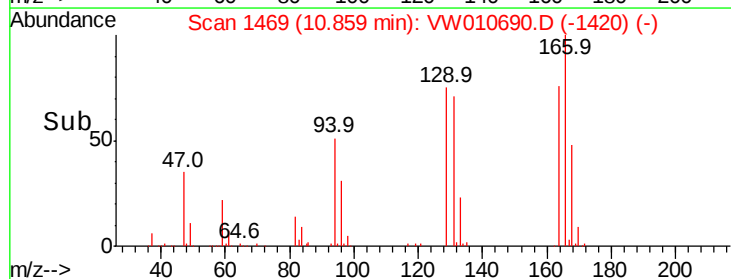
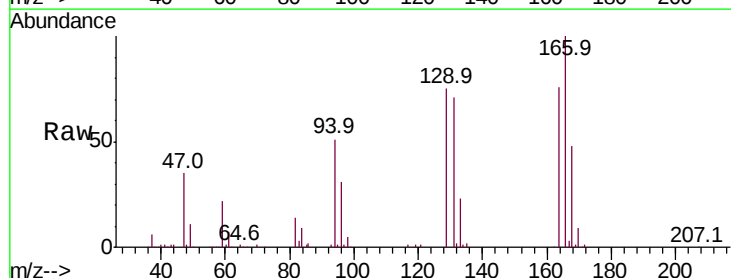
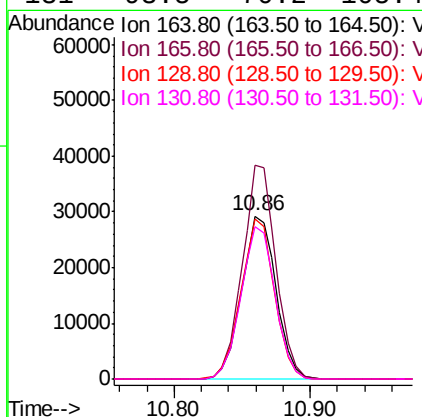
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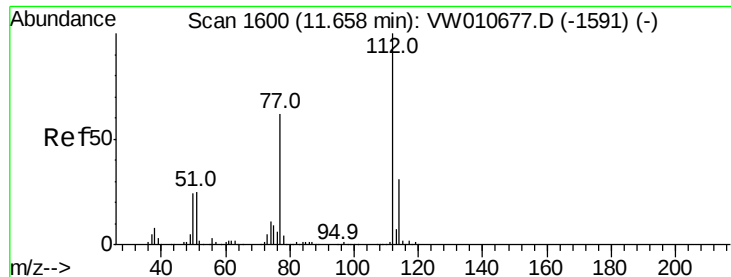
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#64
Tetrachloroethene
Concen: 21.498 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW010690.D
Acq: 05 Jun 2019 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
166	131.4	99.2	148.8	
129	98.1	74.6	112.0	
131	93.5	70.2	105.4	





#65

Chlorobenzene

Concen: 22.031 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW010690.D

Acq: 05 Jun 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

VW0605SBS02

Tot Ion:112 Resp: 155986

Ion Ratio Lower Upper

112 100

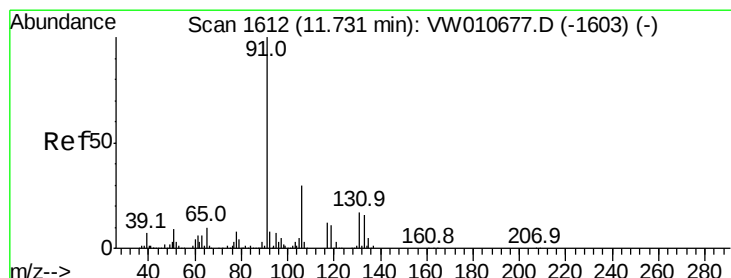
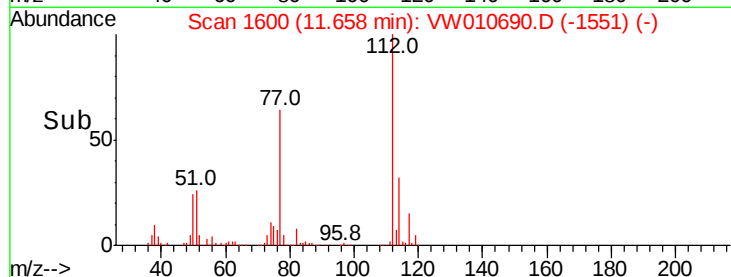
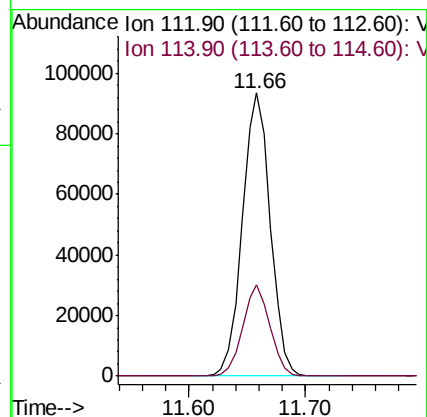
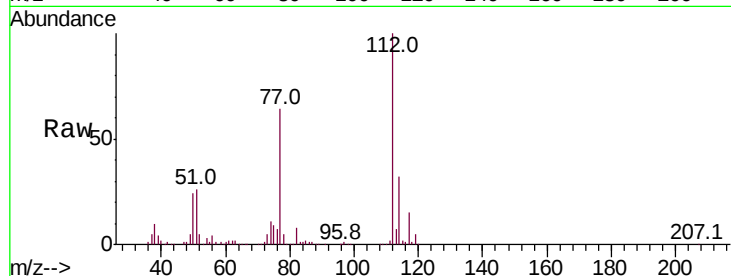
114 32.1 24.8 37.2

Manual Integrations

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#66

1,1,1,2-Tetrachloroethane

Concen: 22.128 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW010690.D

Acq: 05 Jun 2019 14:15

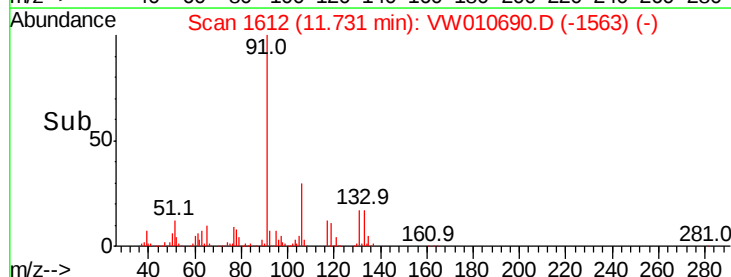
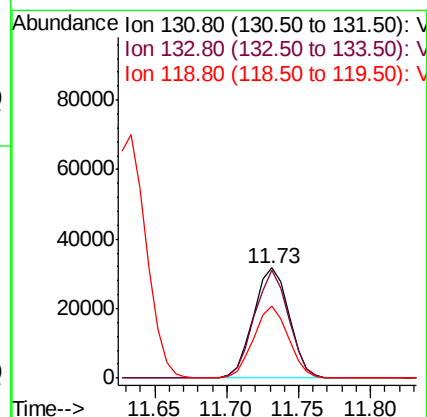
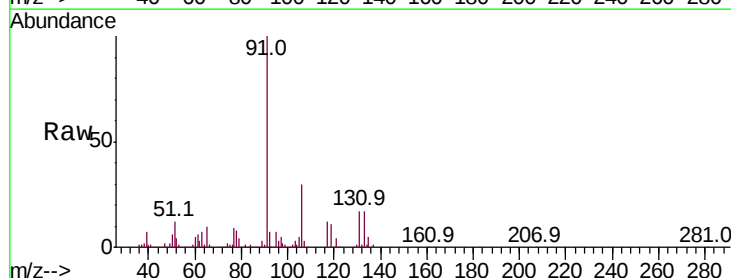
Tgt Ion:131 Resp: 54234

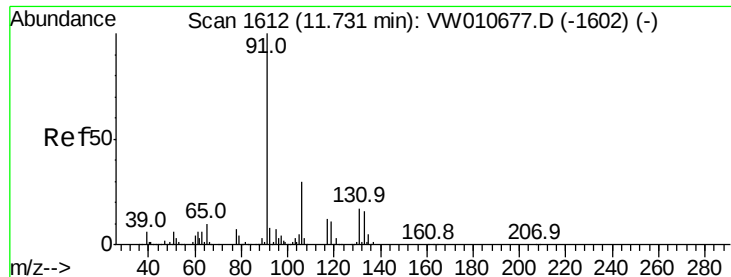
Ion Ratio Lower Upper

131 100

133 94.6 47.3 141.9

119 63.6 32.4 97.0





#67

Ethyl Benzene

Concen: 21.895 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW010690.D

Acq: 05 Jun 2019 14:15

Instrument :

MSVOA_W

ClientSampled :

VW0605SBS02

Tot Ion: 91 Resp: 297925

Ion Ratio Lower Upper

91 100

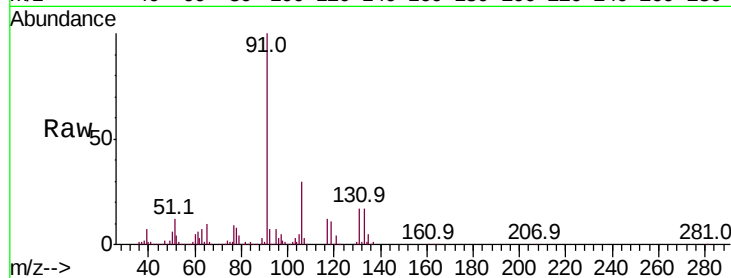
106 29.7 24.2 36.4

Manual Integrations

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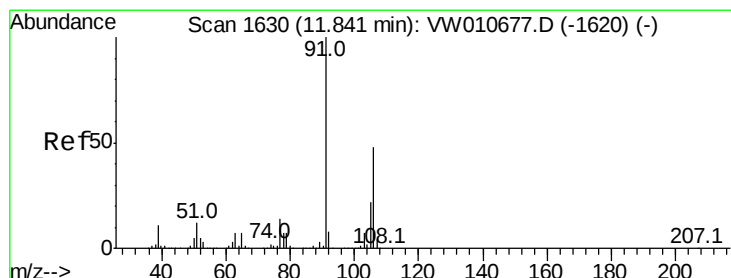
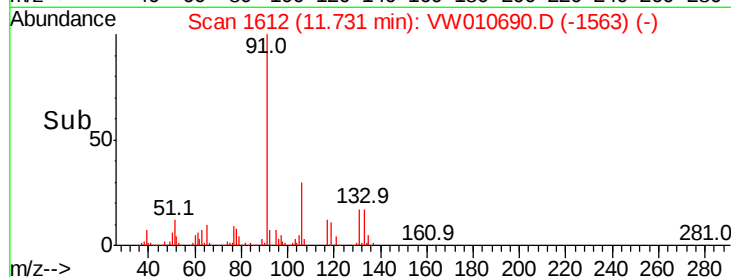
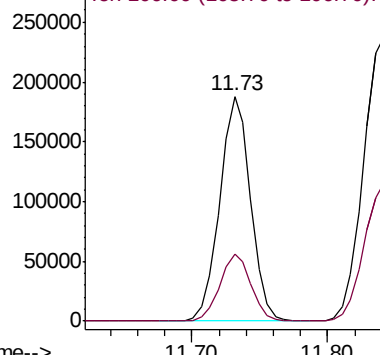
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 44.313 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VW010690.D

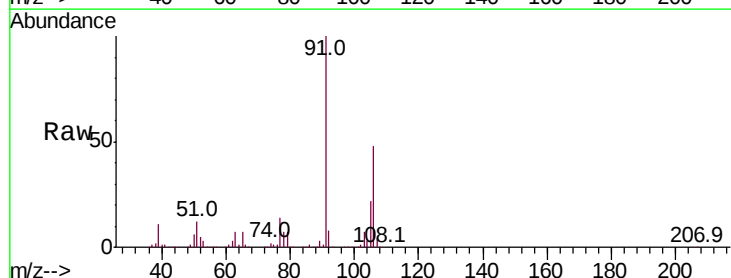
Acq: 05 Jun 2019 14:15

Tgt Ion: 106 Resp: 215848

Ion Ratio Lower Upper

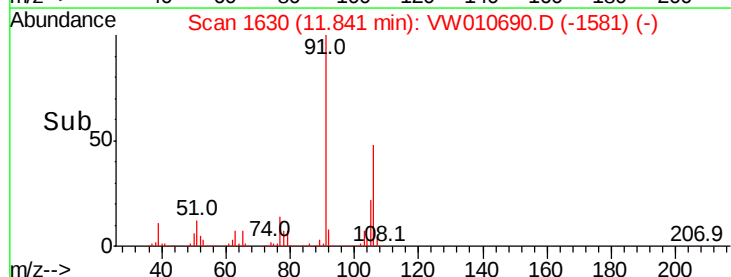
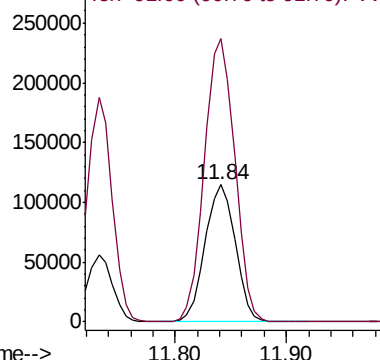
106 100

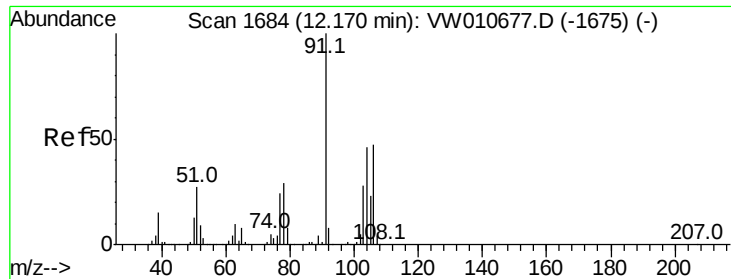
91 207.6 166.5 249.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW





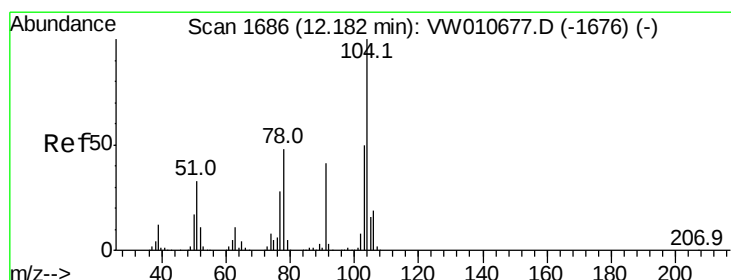
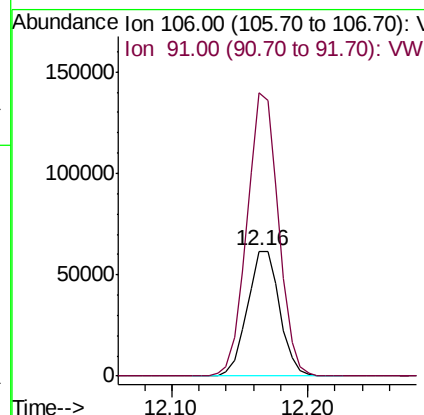
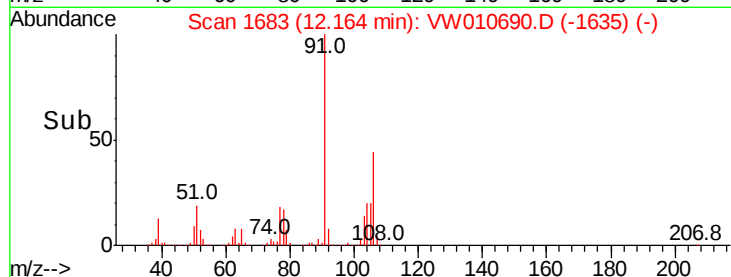
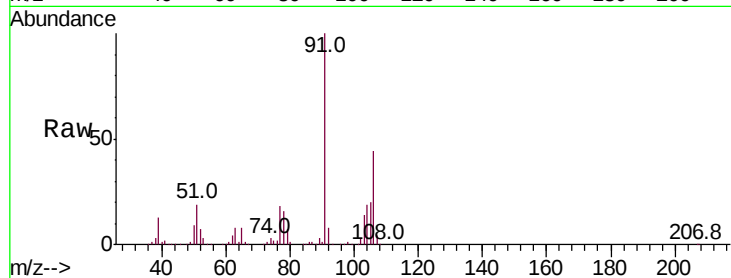
#69
o-Xylene
Concen: 22.148 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW010690.D
Acq: 05 Jun 2019 14:15

Instrument :
MSVOA_W
ClientSampleId :
VW0605SBS02

Tot Ion	Ratio	Resp	Lower	Upper
106	100	102319		
91	221.6	108.9	326.6	

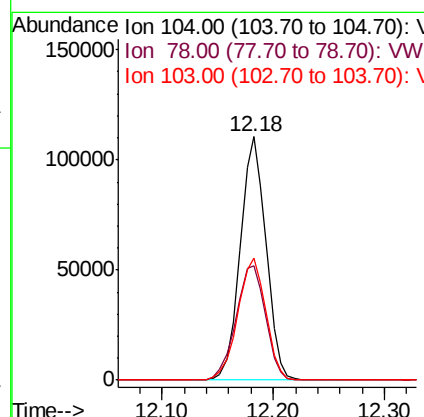
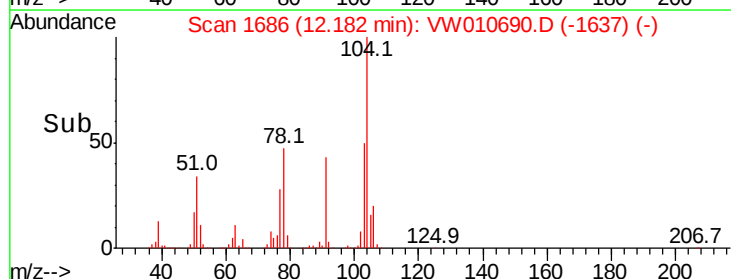
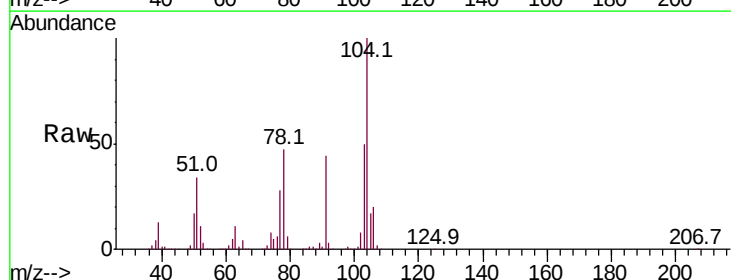
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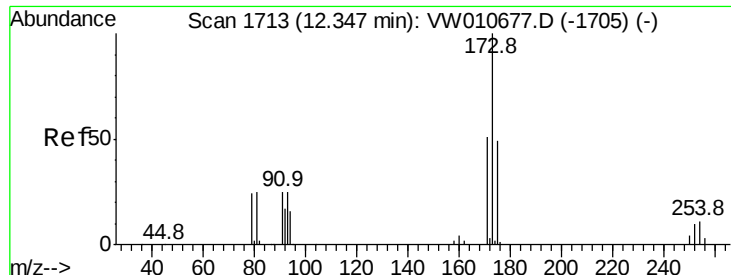
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#70
Styrene
Concen: 22.005 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW010690.D
Acq: 05 Jun 2019 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	176595		
78	54.1	42.7	64.1	
103	54.5	43.6	65.4	





#71

Bromoform

Concen: 21.308 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW010690.D

Acq: 05 Jun 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

VW0605SBS02

Tot Ion:173 Resp: 27010

Ion Ratio Lower Upper

173 100

175 47.1 24.3 72.8

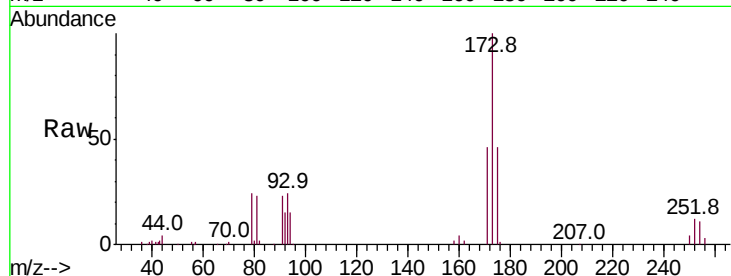
254 0.0 0.1 0.1#

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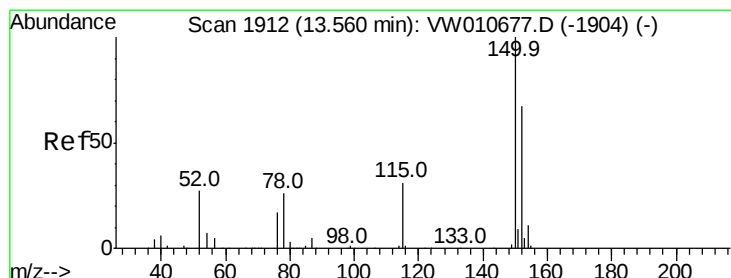
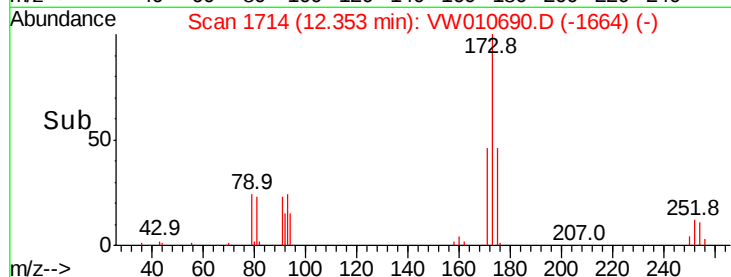
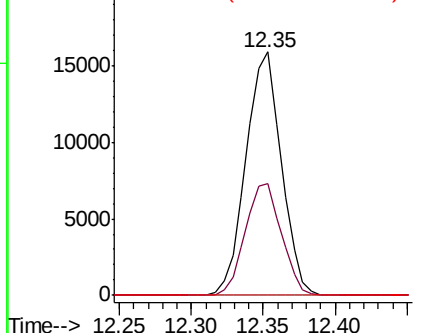
6/6/2019 11:51:49 AM



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: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW010690.D

Acq: 05 Jun 2019 14:15

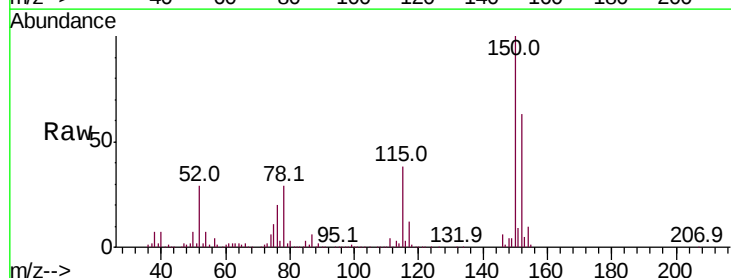
Tgt Ion:152 Resp: 175257

Ion Ratio Lower Upper

152 100

115 59.6 29.8 89.3

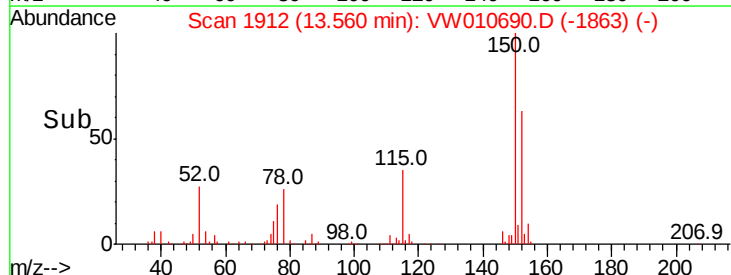
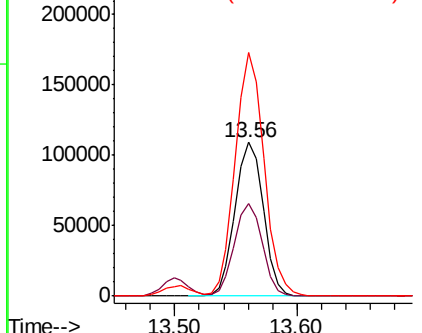
150 161.4 0.0 345.0

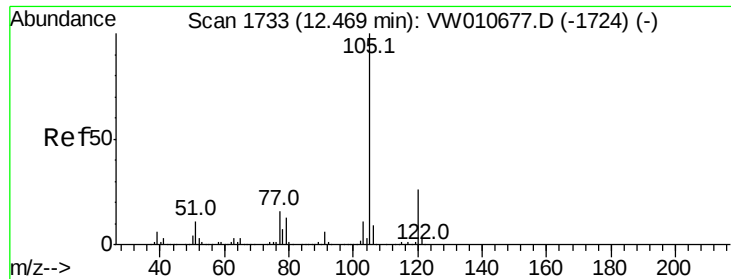


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.556 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW010690.D

Acq: 05 Jun 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

VW0605SBS02

Tot Ion:105 Resp: 283888

Ion Ratio Lower Upper

105 100

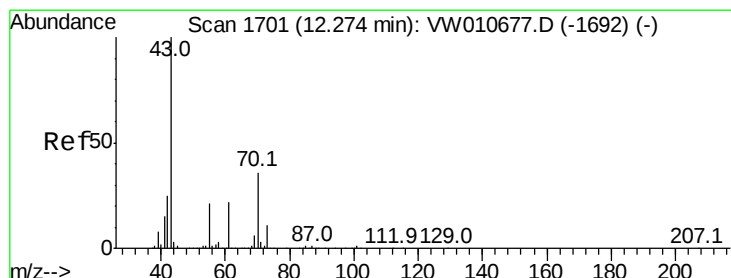
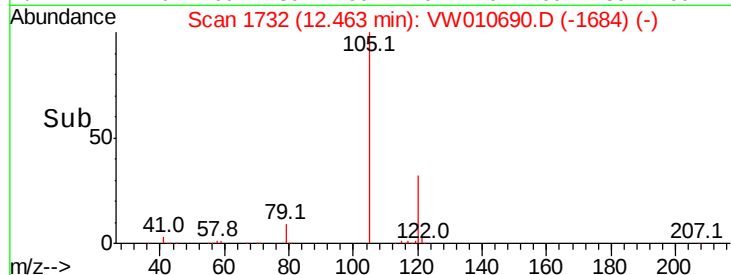
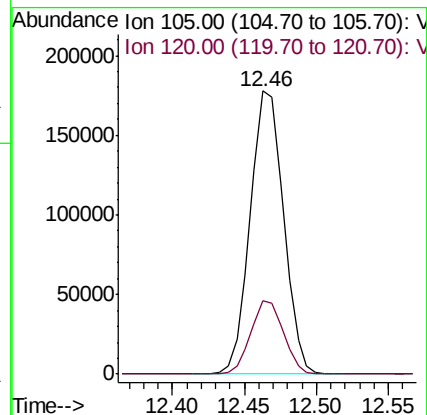
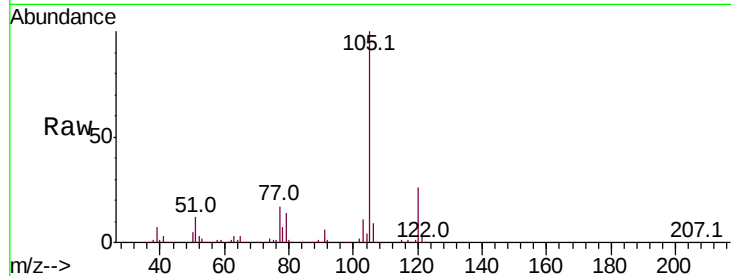
120 25.7 13.1 39.1

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#74

N-ethyl acetate

Concen: 21.715 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW010690.D

Acq: 05 Jun 2019 14:15

Tgt Ion: 43 Resp: 92426

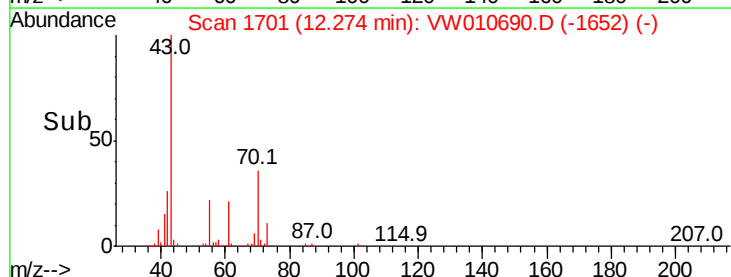
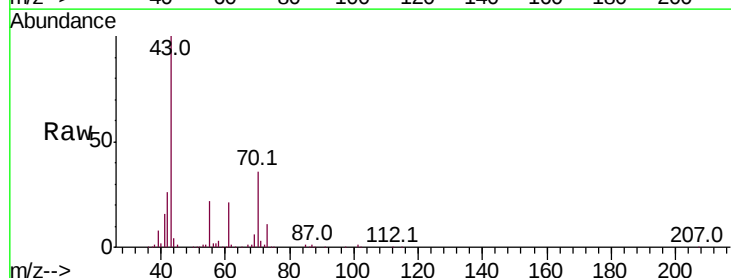
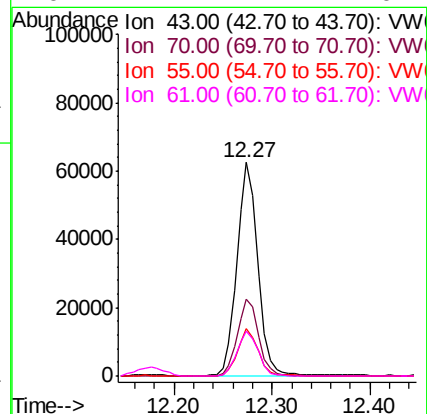
Ion Ratio Lower Upper

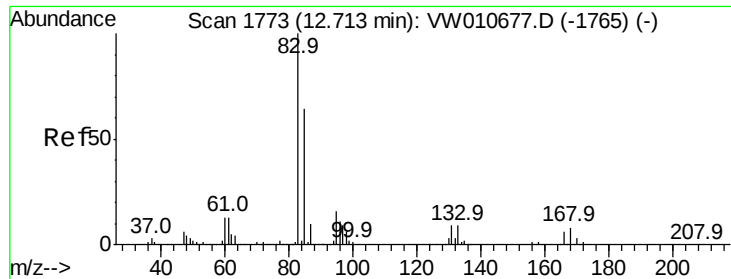
43 100

70 36.8 29.2 43.8

55 22.1 17.5 26.3

61 21.4 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 21.253 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW010690.D

Acq: 05 Jun 2019 14:15

Instrument :

MSVOA_W

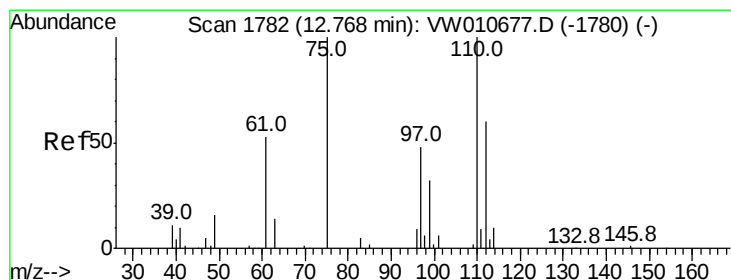
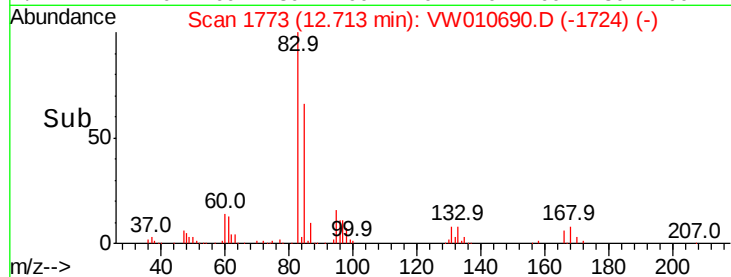
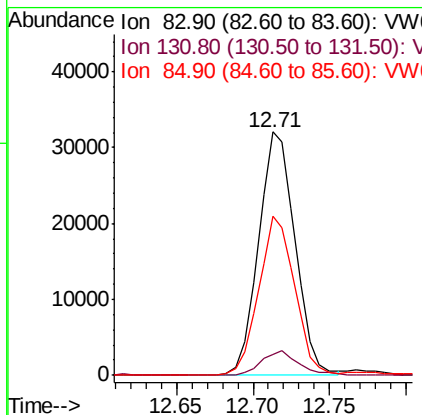
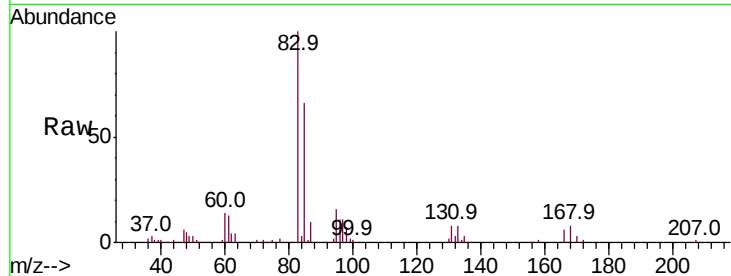
ClientSampleId :

VW0605SBS02

Tot Ion:	83	Resp:	53286
Ion Ratio	Lower	Upper	
83	100		
131	10.2	4.9	14.7
85	64.2	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 20.956 ug/l m

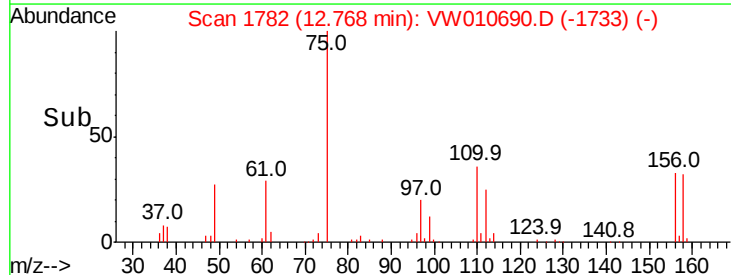
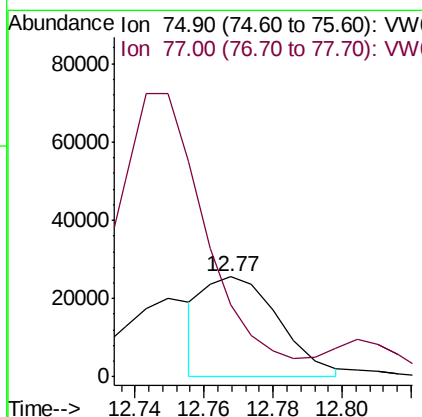
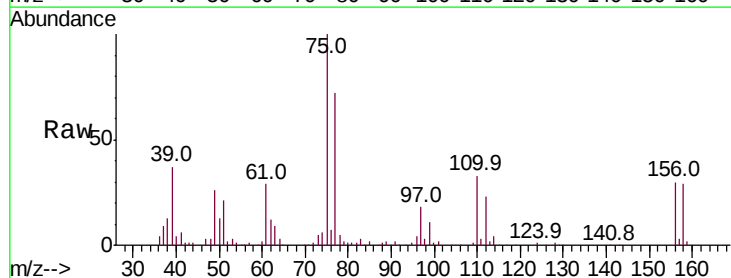
RT: 12.77 min Scan# 1782

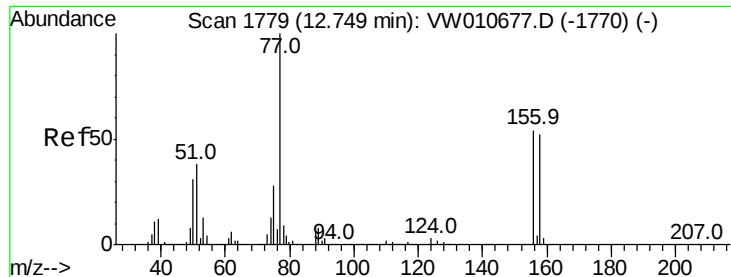
Delta R.T. -0.00 min

Lab File: VW010690.D

Acq: 05 Jun 2019 14:15

Tgt Ion:	75	Resp:	38568
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.444 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW010690.D

Acq: 05 Jun 2019 14:15

Instrument :

MSVOA_W

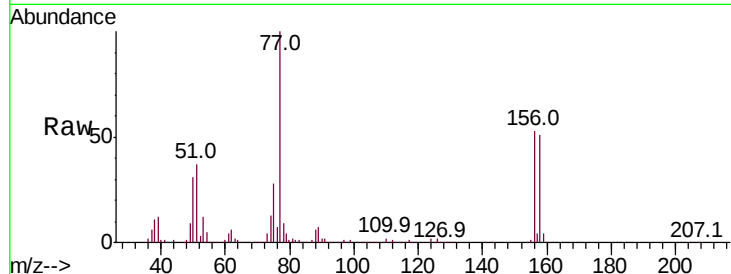
ClientSampleId :

VW0605SBS02

Tot Ion	Ratio	Lower	Upper
156	100		
77	216.0	106.5	319.4
158	98.3	48.3	144.9

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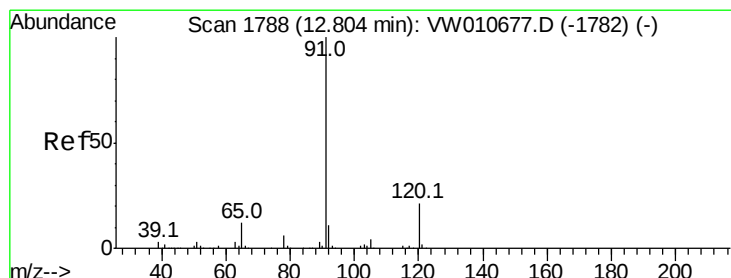
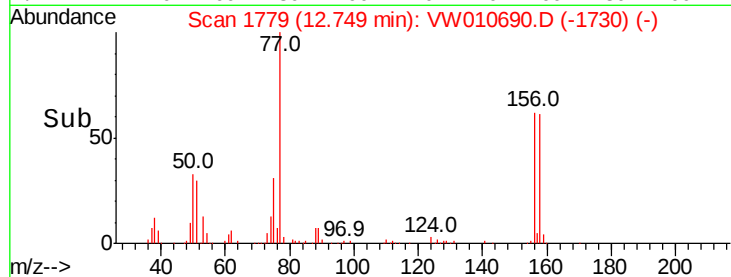
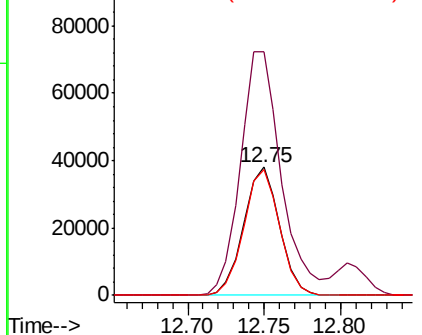


Abundance

Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.695 ug/l

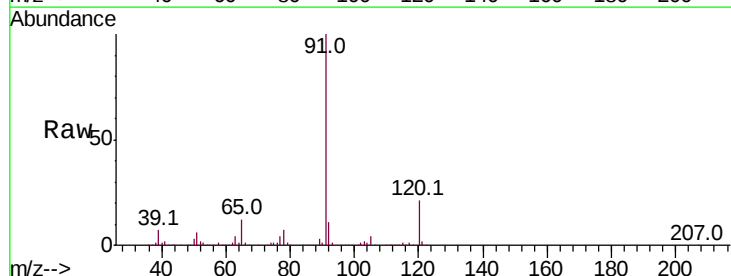
RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW010690.D

Acq: 05 Jun 2019 14:15

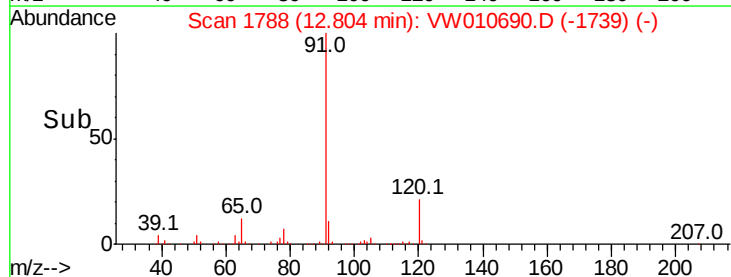
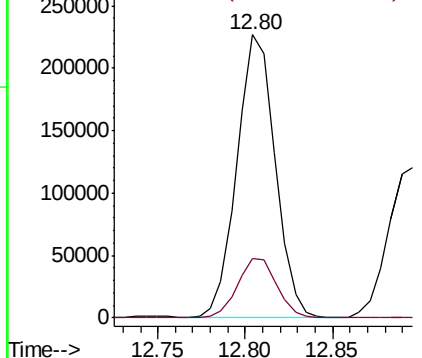
Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.6	10.8	32.4

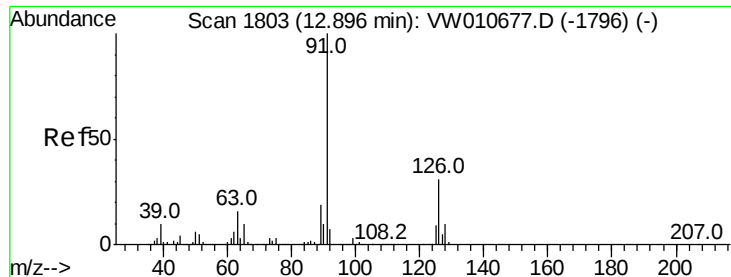


Abundance

Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





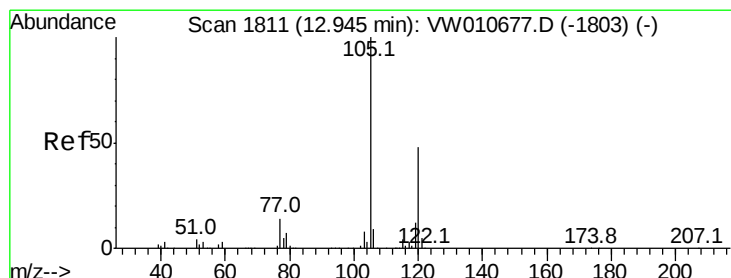
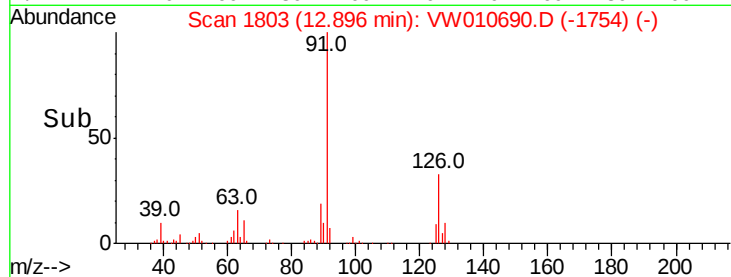
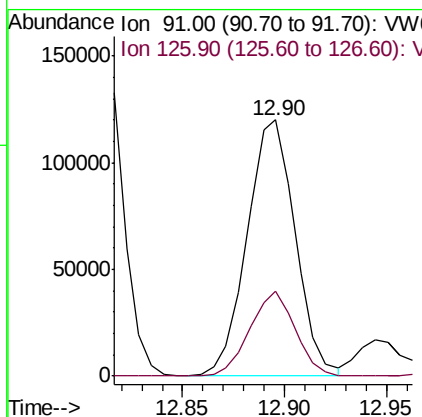
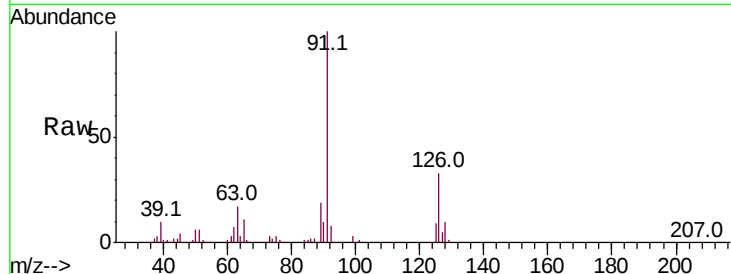
#79
2-Chlorotoluene
Concen: 21.673 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VW010690.D
Acq: 05 Jun 2019 14:15

Instrument :
MSVOA_W
ClientSampleId :
VW0605SBS02

Tot Ion: 91 Resp: 196627
Ion Ratio Lower Upper
91 100
126 31.4 15.7 47.0

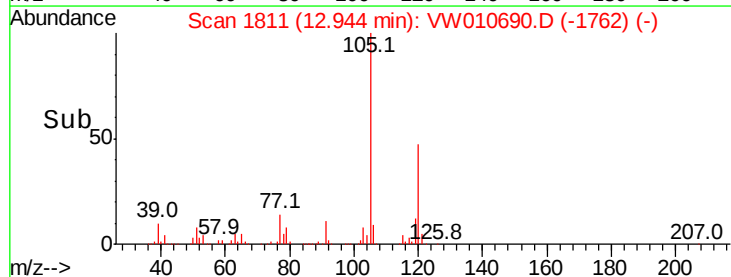
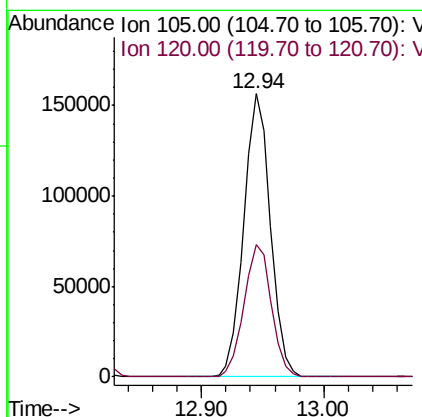
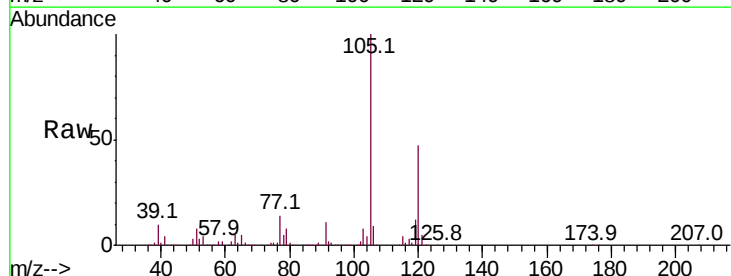
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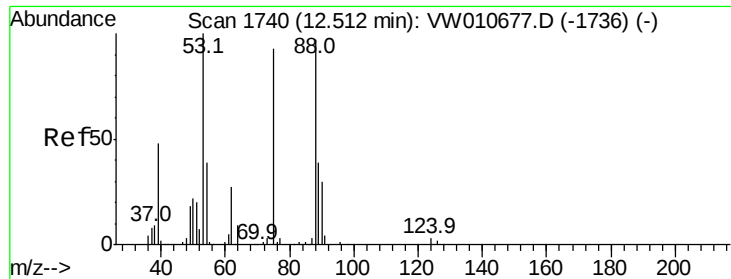
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#80
1,3,5-Trimethylbenzene
Concen: 21.944 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. -0.00 min
Lab File: VW010690.D
Acq: 05 Jun 2019 14:15

Tgt Ion: 105 Resp: 236553
Ion Ratio Lower Upper
105 100
120 48.2 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 20.354 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.01 min

Lab File: VW010690.D

Acq: 05 Jun 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

VW0605SBS02

Tot Ion: 75 Resp: 16299

Ion Ratio Lower Upper

75 100

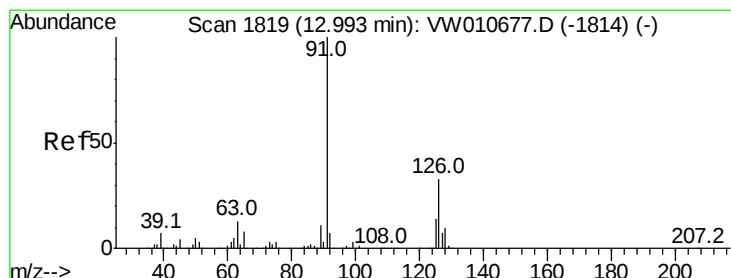
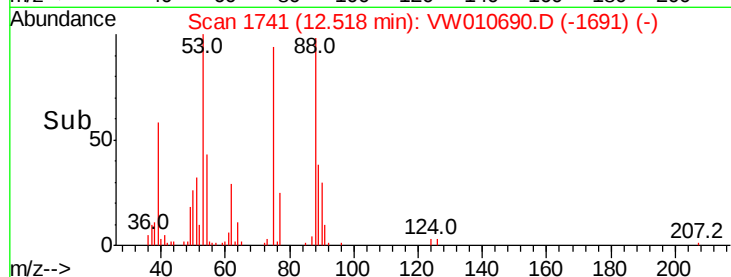
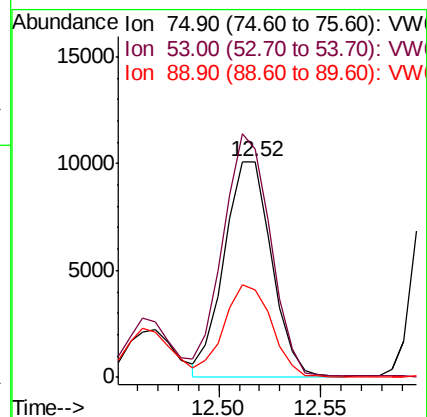
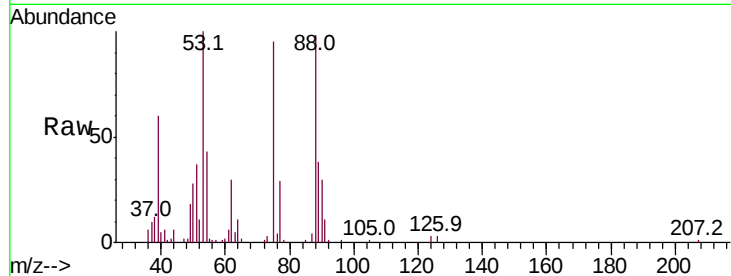
53 112.2 90.1 135.1

89 43.1 34.6 52.0

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#82

4-Chlorotoluene

Concen: 21.841 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW010690.D

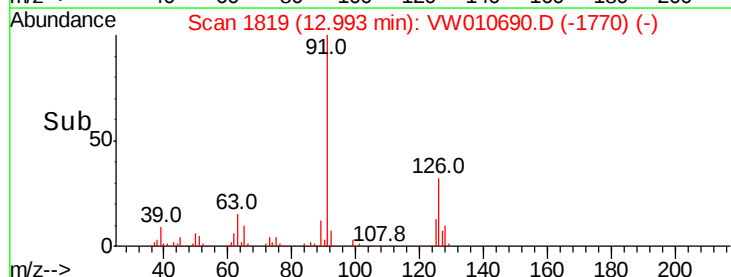
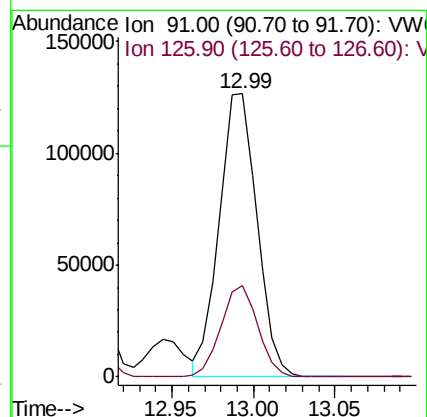
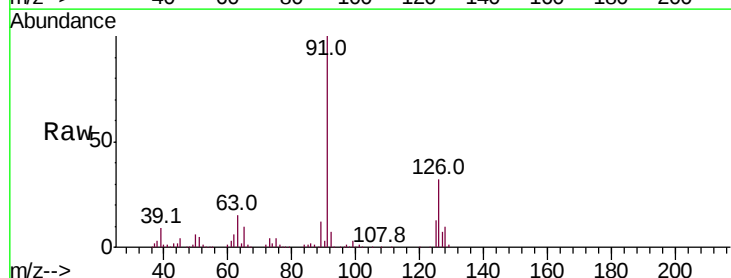
Acq: 05 Jun 2019 14:15

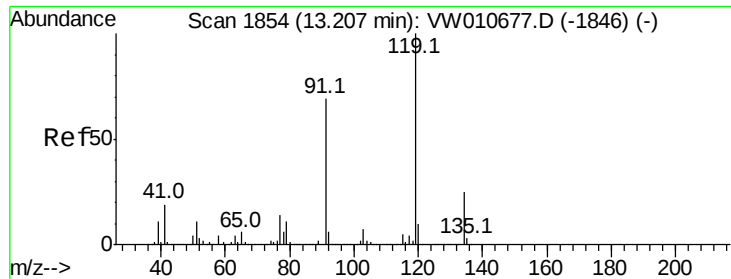
Tgt Ion: 91 Resp: 204485

Ion Ratio Lower Upper

91 100

126 31.6 15.9 47.7





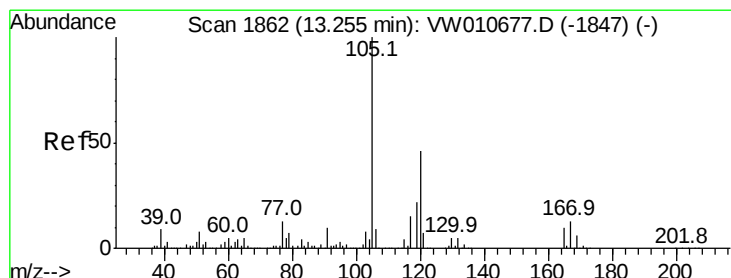
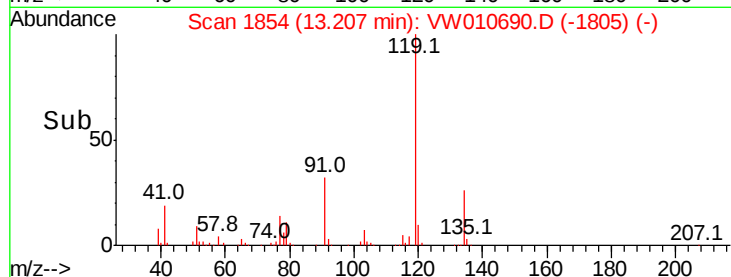
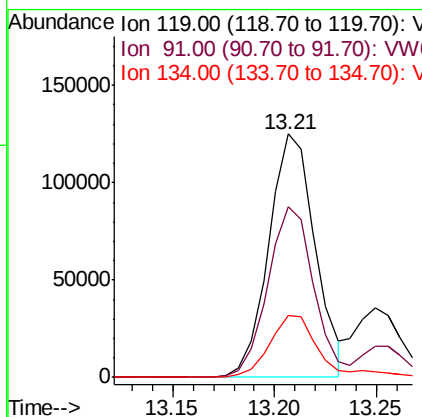
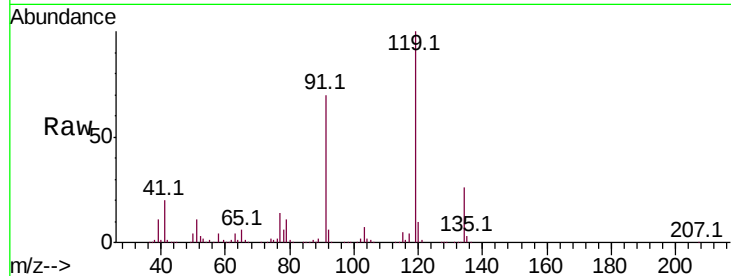
#83
tert-Butylbenzene
Concen: 21.675 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW010690.D
Acq: 05 Jun 2019 14:15

Instrument :
MSVOA_W
ClientSampleId :
VW0605SBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	198298		
91	70.0	35.1	105.3	
134	27.5	13.6	40.7	

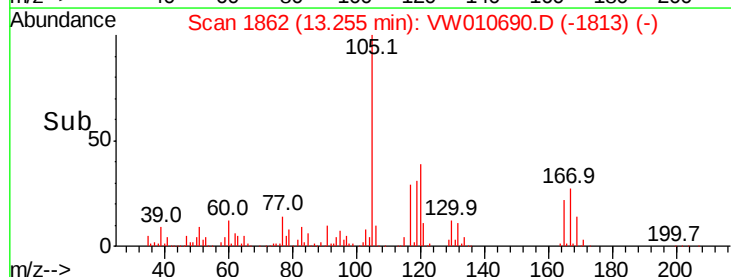
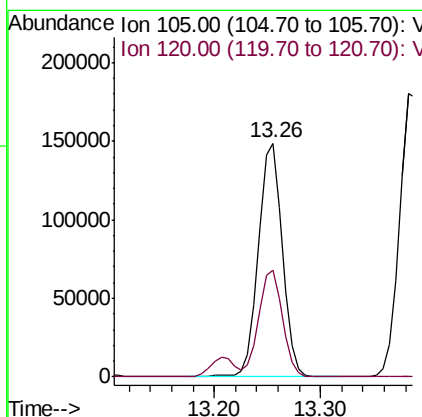
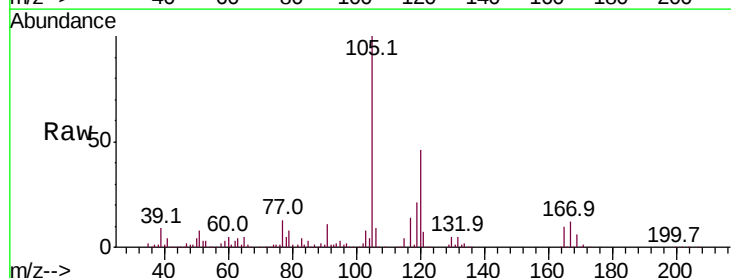
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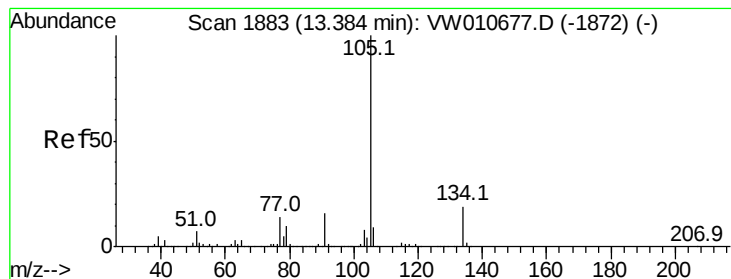
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#84
1,2,4-Trimethylbenzene
Concen: 21.754 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW010690.D
Acq: 05 Jun 2019 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	235983		
120	45.2	22.5	67.5	





#85

sec-Butylbenzene

Concen: 21.460 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW010690.D

Acq: 05 Jun 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

VW0605SBS02

Tot Ion:105 Resp: 285844

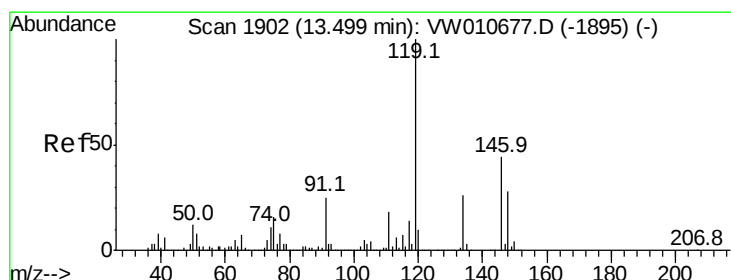
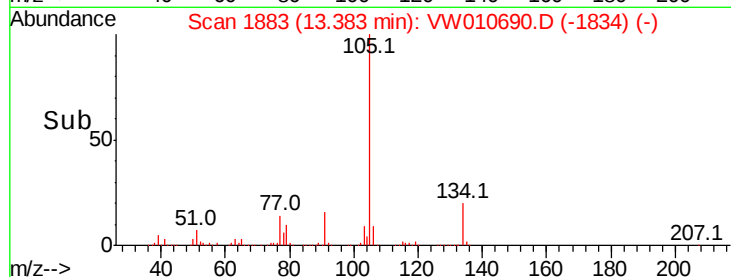
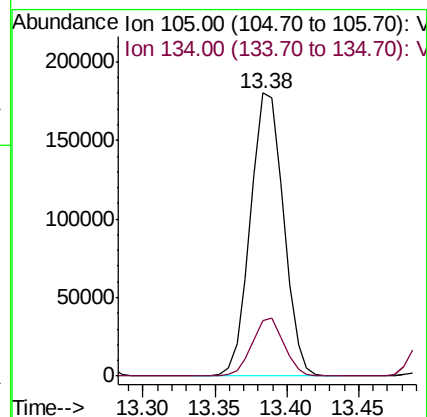
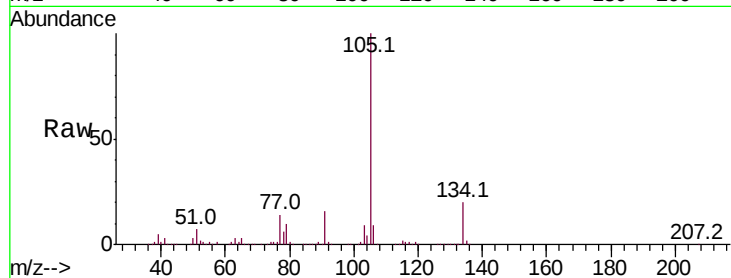
Ion Ratio Lower Upper

105 100

134 19.7 9.7 28.9

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#86

p-Isopropyltoluene

Concen: 21.675 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW010690.D

Acq: 05 Jun 2019 14:15

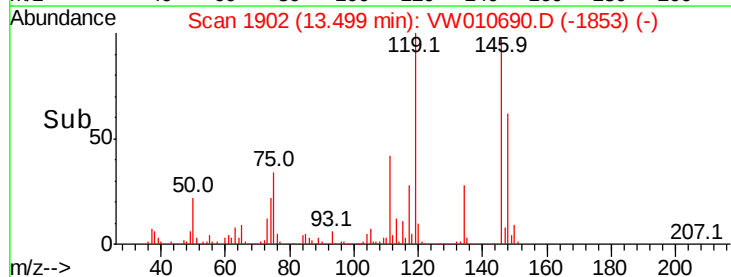
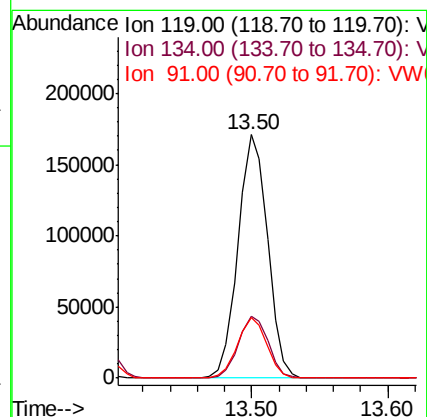
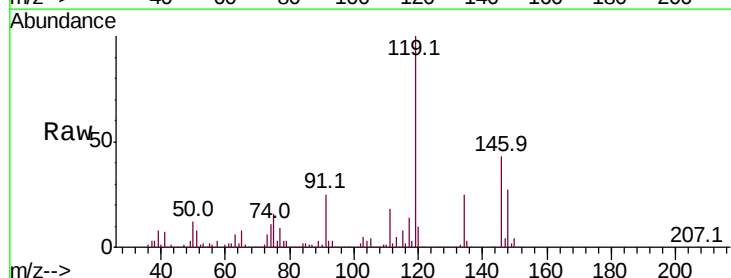
Tgt Ion:119 Resp: 258186

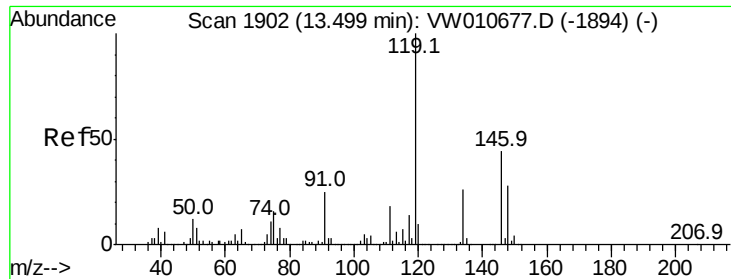
Ion Ratio Lower Upper

119 100

134 25.8 13.0 39.0

91 24.7 12.2 36.4





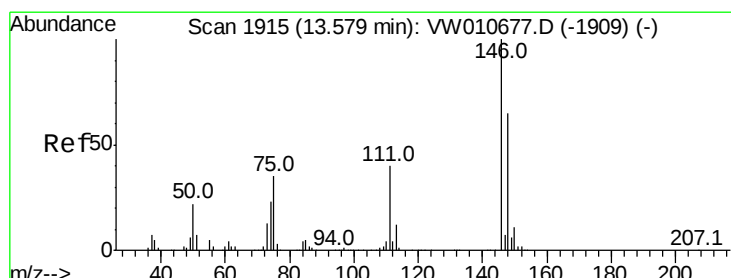
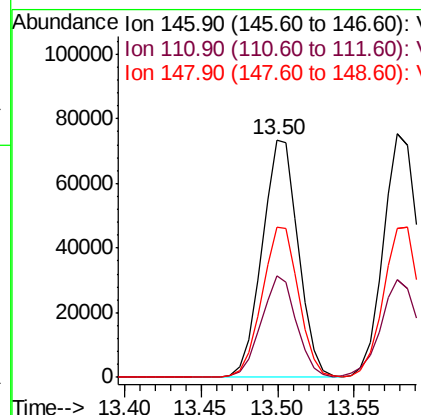
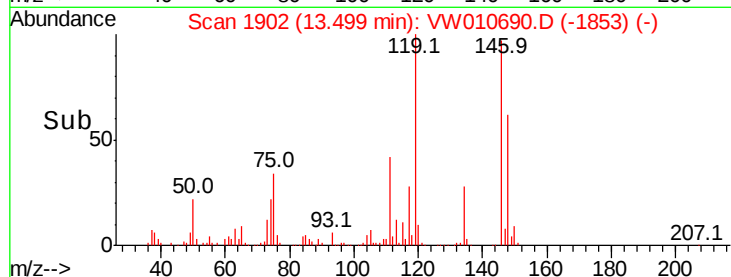
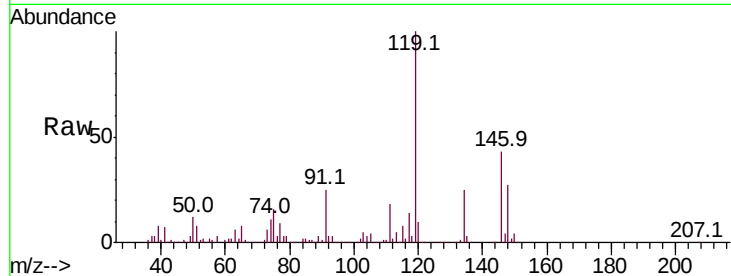
#87
 1,3-Dichlorobenzene
 Concen: 21.811 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW010690.D
 Acq: 05 Jun 2019 14:15

Instrument :
 MSVOA_W
 ClientSampleID :
 VW0605SBSD02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	120916		
111	41.7	20.4	61.3	
148	63.9	31.5	94.5	

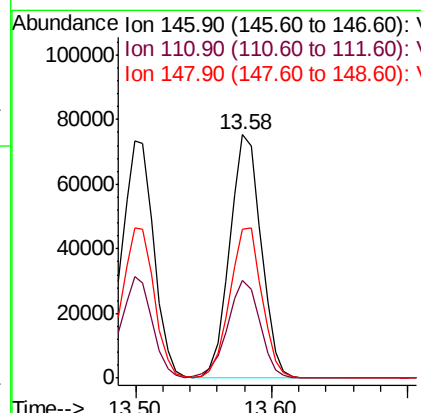
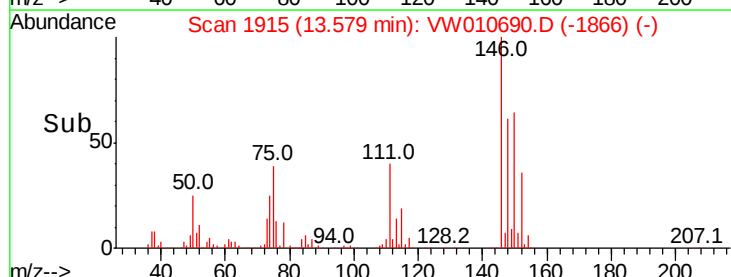
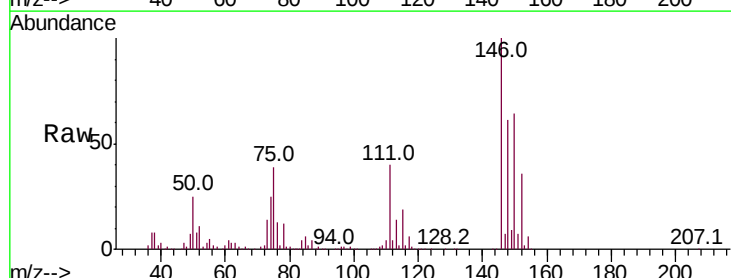
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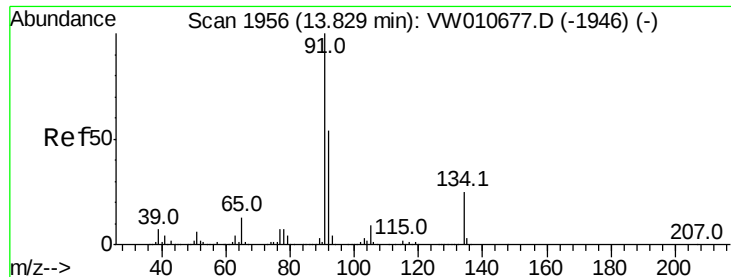
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#88
 1,4-Dichlorobenzene
 Concen: 21.994 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW010690.D
 Acq: 05 Jun 2019 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	120880		
111	41.7	20.3	60.9	
148	63.3	32.4	97.2	





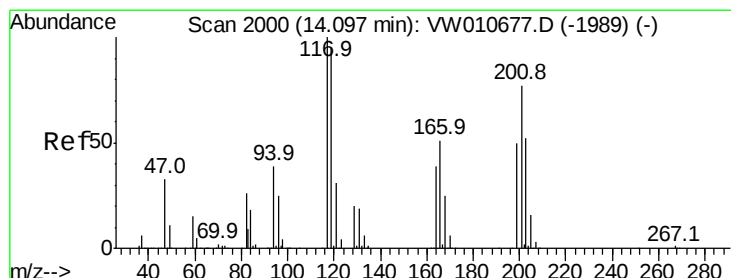
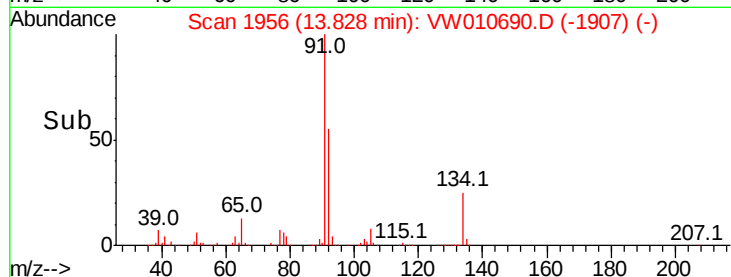
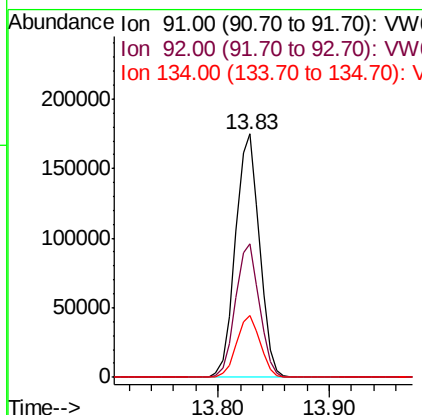
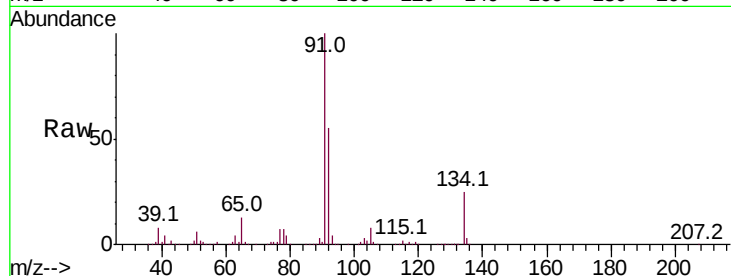
#89
n-Butylbenzene
Concen: 21.922 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW010690.D
Acq: 05 Jun 2019 14:15

Instrument :
MSVOA_W
ClientSampleId :
VW0605SBS02

Tot Ion	Ratio	Resp	Lower	Upper
91	100	260531		
92	54.7		27.3	81.8
134	24.9		12.3	36.9

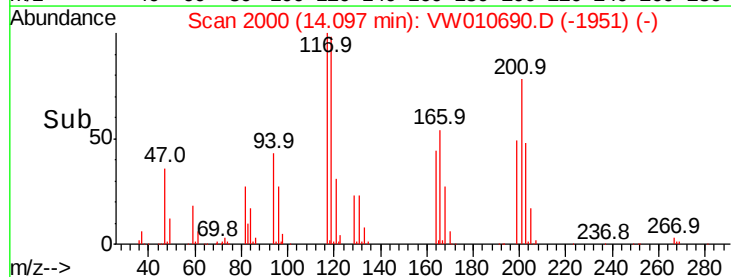
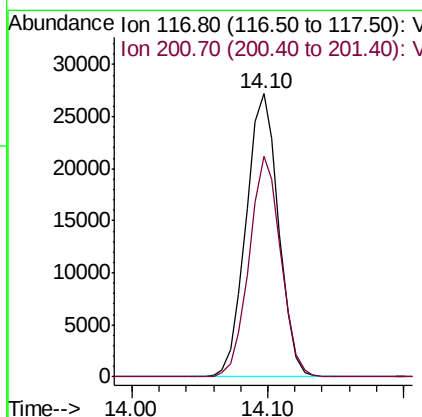
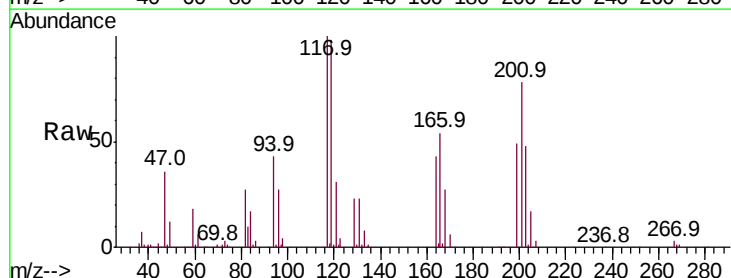
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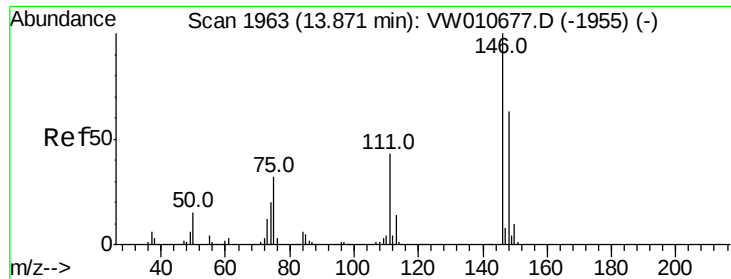
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#90
Hexachloroethane
Concen: 21.382 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW010690.D
Acq: 05 Jun 2019 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	45612		
201	75.9		38.8	116.4





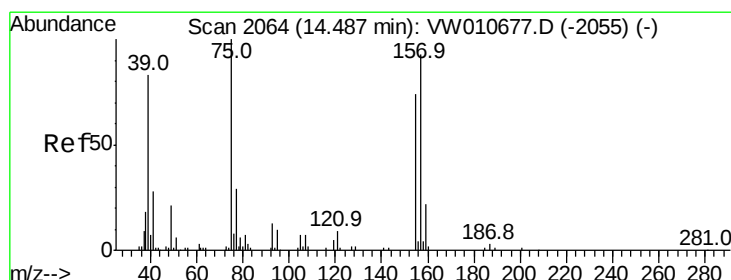
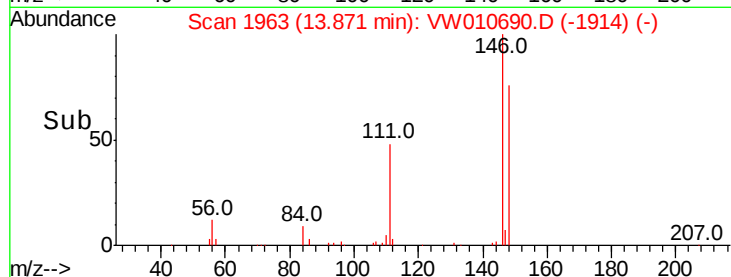
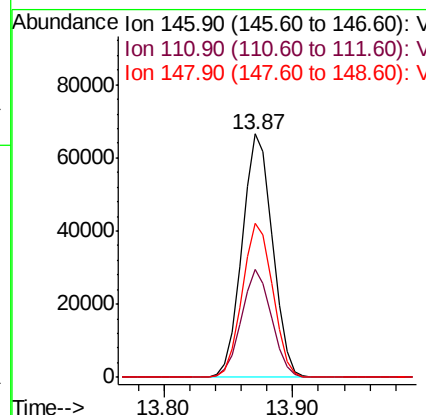
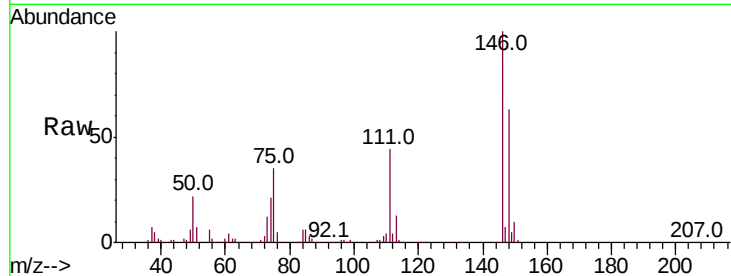
#91
1,2-Dichlorobenzene
Concen: 21.668 ug/l
RT: 13.87 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VW010690.D
Acq: 05 Jun 2019 14:15

Instrument :
MSVOA_W
ClientSampleId :
VW0605SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.8	21.5	64.5
148	63.6	31.9	95.5

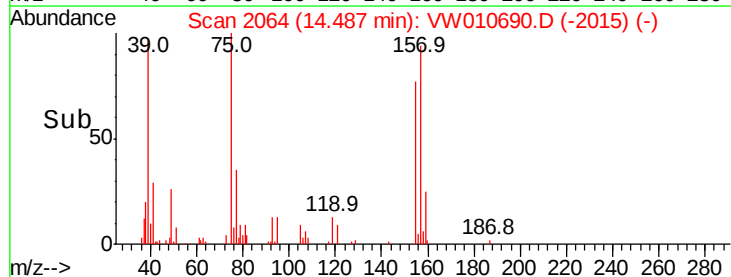
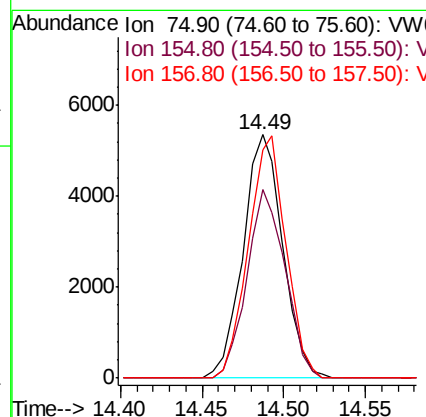
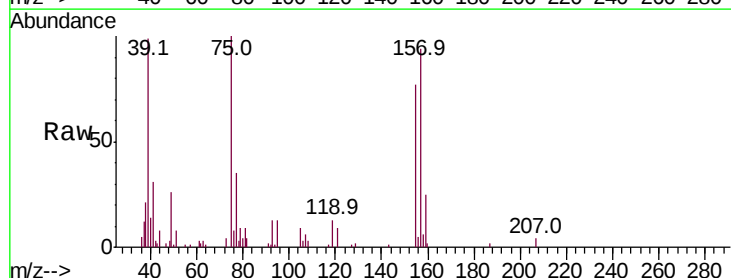
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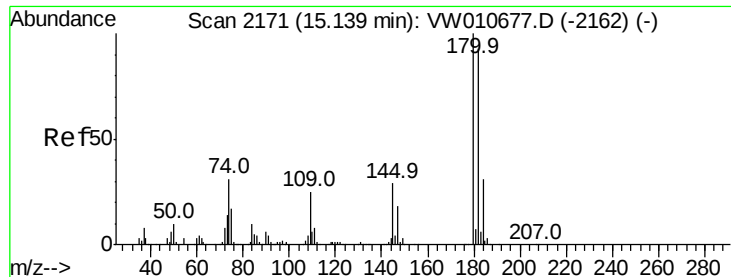
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#92
1,2-Dibromo-3-Chloropropane
Concen: 20.988 ug/l
RT: 14.49 min Scan# 2064
Delta R.T. -0.00 min
Lab File: VW010690.D
Acq: 05 Jun 2019 14:15

Tgt Ion	Ratio	Lower	Upper
75	100		
155	74.6	38.8	116.4
157	94.2	48.4	145.0





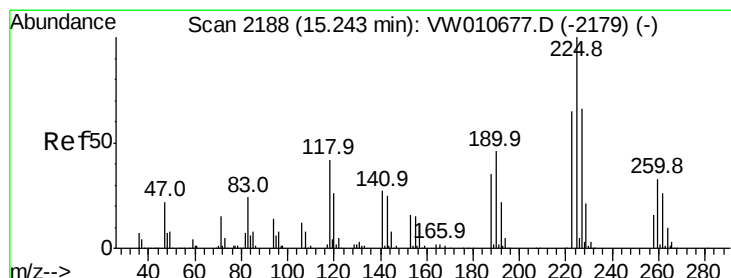
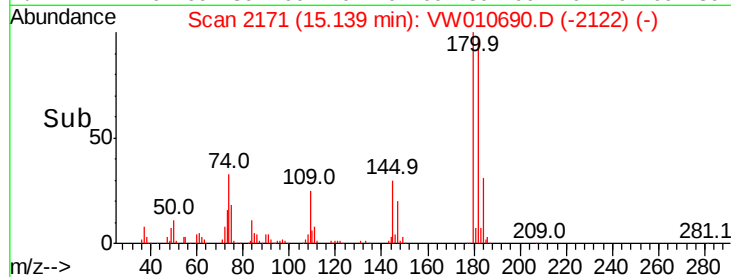
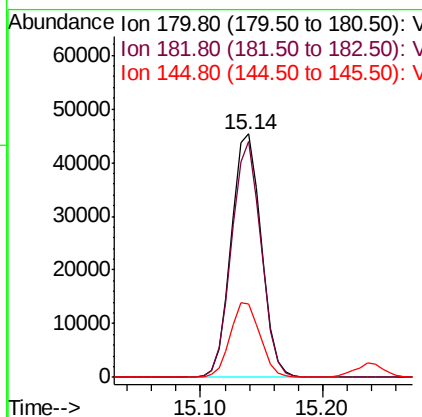
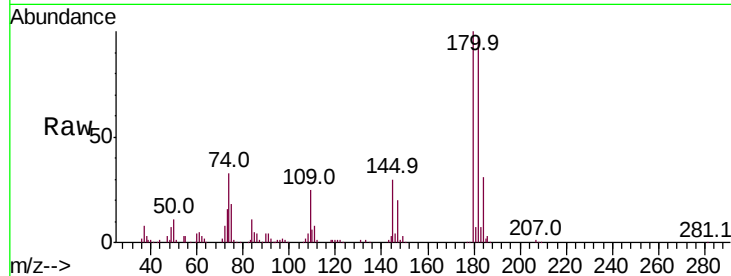
#93
 1,2,4-Trichlorobenzene
 Concen: 21.937 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW010690.D
 Acq: 05 Jun 2019 14:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0605SBS02

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.1	141.4
145	30.4	15.2	45.5

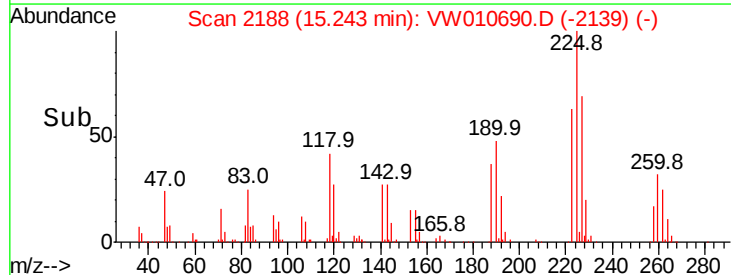
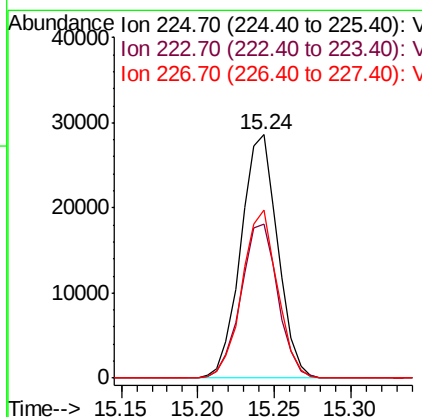
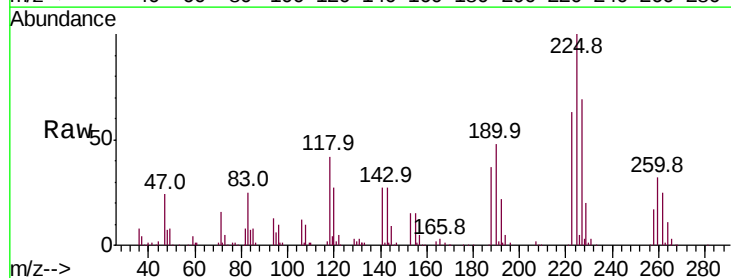
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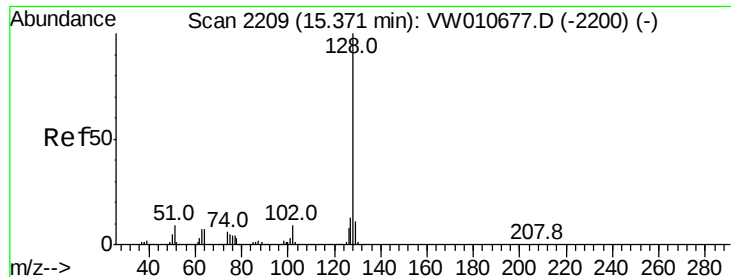
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#94
 Hexachlorobutadiene
 Concen: 21.834 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW010690.D
 Acq: 05 Jun 2019 14:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	32.2	96.6
227	65.9	32.0	96.0





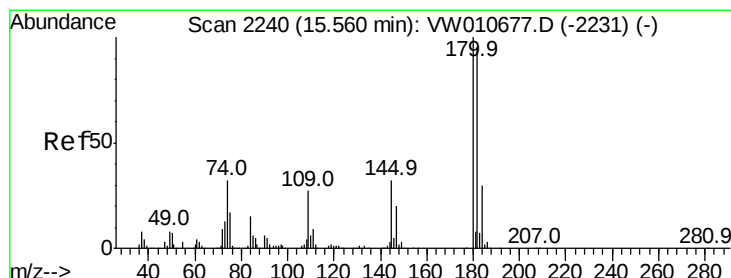
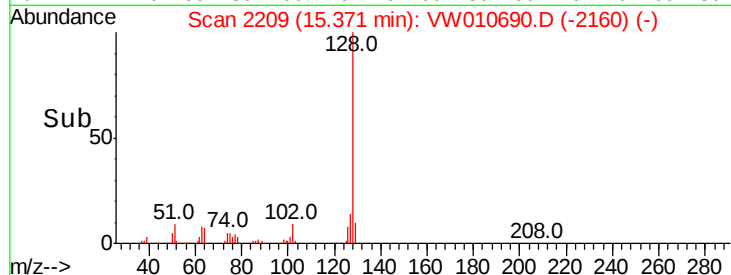
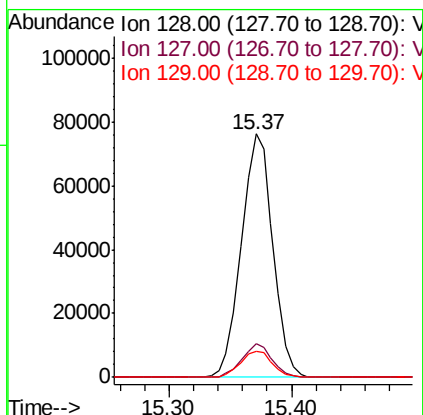
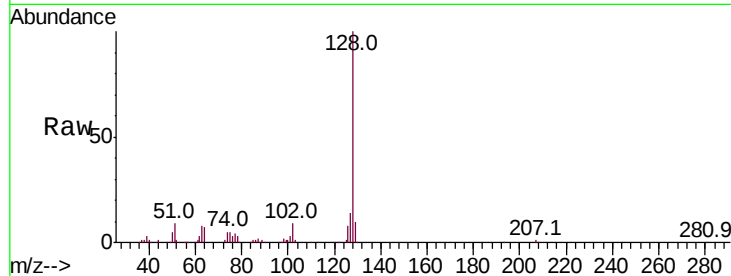
#95
Naphthalene
Concen: 21.355 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW010690.D
Acq: 05 Jun 2019 14:15

Instrument :
MSVOA_W
ClientSampleId :
VW0605SBS02

Tot Ion	Ratio	Resp	Lower	Upper
128	100	135745		
127	13.3	10.6	15.8	
129	10.9	8.6	13.0	

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#96
1,2,3-Trichlorobenzene
Concen: 22.281 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW010690.D
Acq: 05 Jun 2019 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	66295		
182	94.8	47.0	141.0	
145	32.6	16.1	48.3	

