

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010919\
 Data File : VW008122.D
 Acq On : 10 Jan 2019 01:25
 Operator : SY/AP
 Sample : VW0109SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0109SBS02

Manual Integrations
 APPROVED

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 1/10/2019 5:06:23 PM

Quant Time: Jan 10 06:19:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	68506	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	124145	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	111886	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	54247	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	38723	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	
35) Dibromofluoromethane	7.88	113	36504	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
50) Toluene-d8	10.32	98	148929	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
62) 4-Bromofluorobenzene	12.62	95	51400	47.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	11299	20.209	ug/l	96
3) Chloromethane	2.21	50	16153	22.269	ug/l	99
4) Vinyl Chloride	2.37	62	20883	22.059	ug/l	93
5) Bromomethane	2.79	94	17055	24.049	ug/l	96
6) Chloroethane	2.93	64	14640	20.551	ug/l	97
7) Trichlorofluoromethane	3.26	101	14770	19.191	ug/l	95
8) Diethyl Ether	3.68	74	10268	23.600	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	16250	21.266	ug/l	95
10) Methyl Iodide	4.26	142	24927	22.383	ug/l	99
11) Tert butyl alcohol	5.24	59	5913	110.139	ug/l #	100
12) 1,1-Dichloroethene	4.03	96	16347	21.790	ug/l	98
13) Acrolein	3.89	56	4281	82.513	ug/l	100
14) Allyl chloride	4.67	41	30425	22.337	ug/l	99
15) Acrylonitrile	5.37	53	20068	121.149	ug/l	97
16) Acetone	4.14	43	14947	94.877	ug/l #	87
17) Carbon Disulfide	4.37	76	49802	21.250	ug/l	96
18) Methyl Acetate	4.68	43	11768	24.183	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	28266	23.176	ug/l	99
20) Methylene Chloride	4.91	84	19792	23.567	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	18672	22.903	ug/l	95
22) Diisopropyl ether	6.32	45	61569	23.701	ug/l	98
23) Vinyl Acetate	6.26	43	159257	116.729	ug/l	99
24) 1,1-Dichloroethane	6.21	63	34379	22.713	ug/l	96
25) 2-Butanone	7.18	43	23646	110.380	ug/l	93
26) 2,2-Dichloropropane	7.17	77	20841	20.321	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	20264	22.781	ug/l	100
28) Bromochloromethane	7.51	49	13620	22.750	ug/l	98
29) Tetrahydrofuran	7.54	42	17631	123.209	ug/l	98
30) Chloroform	7.68	83	33600	23.322	ug/l	99
31) Cyclohexane	7.95	56	32540	20.082	ug/l	92
32) 1,1,1-Trichloroethane	7.87	97	27069	21.593	ug/l	97
36) 1,1-Dichloropropene	8.08	75	26301	20.567	ug/l	99
37) Ethyl Acetate	7.26	43	11690	22.817	ug/l	99
38) Carbon Tetrachloride	8.07	117	24943	21.310	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	31460	19.402	ug/l	99
40) Benzene	8.32	78	77325	22.293	ug/l	99
41) Methacrylonitrile	7.48	41	7000	21.629	ug/l	97
42) 1,2-Dichloroethane	8.40	62	21792	22.338	ug/l	97
43) Isopropyl Acetate	8.43	43	22985	22.439	ug/l	100
44) Trichloroethene	9.09	130	19701	22.188	ug/l	96
45) 1,2-Dichloropropane	9.37	63	20409	23.730	ug/l	100
46) Dibromomethane	9.46	93	9323	22.073	ug/l	97
47) Bromodichloromethane	9.65	83	24644	22.978	ug/l #	99
48) Methyl methacrylate	9.43	41	10673	22.081	ug/l	93
49) 1,4-Dioxane	9.48	88	3002	441.957	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	56163	113.268	ug/l	99
52) Toluene	10.39	92	49502	22.347	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	24221	21.712	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	28588	21.611	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	13546	22.843	ug/l	97
56) Ethyl methacrylate	10.65	69	16194	22.051	ug/l	95
57) 1,3-Dichloropropane	10.93	76	25173	23.211	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	41579	109.606	ug/l	99
59) 2-Hexanone	10.97	43	36105	107.676	ug/l	99
60) Dibromochloromethane	11.13	129	15125	23.227	ug/l	97
61) 1,2-Dibromoethane	11.24	107	13157	23.382	ug/l	98
64) Tetrachloroethene	10.87	164	15828	21.737	ug/l	97
65) Chlorobenzene	11.66	112	52043	21.956	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	17408	22.579	ug/l	99
67) Ethyl Benzene	11.73	91	92192	21.256	ug/l	97
68) m/p-Xylenes	11.84	106	71319	43.082	ug/l	98
69) o-Xylene	12.17	106	33424	21.803	ug/l	99
70) Styrene	12.18	104	54221	22.581	ug/l	99
71) Bromoform	12.35	173	7660	22.200	ug/l #	90
73) Isopropylbenzene	12.47	105	88549	20.792	ug/l	99
74) N-amyl acetate	12.27	43	21176	22.452	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	15276	22.409	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	12101m	24.470	ug/l	
77) Bromobenzene	12.75	156	19806	22.009	ug/l	95
78) n-propylbenzene	12.81	91	109449	20.974	ug/l	99
79) 2-Chlorotoluene	12.90	91	62939	21.619	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	74526	21.294	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	4545	21.402	ug/l	98
82) 4-Chlorotoluene	12.99	91	65841	21.473	ug/l	100
83) tert-Butylbenzene	13.21	119	64929	20.970	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	77926	21.589	ug/l	99
85) sec-Butylbenzene	13.39	105	94376	20.808	ug/l	99
86) p-Isopropyltoluene	13.51	119	81967	20.928	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	41167	22.551	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	41077	22.428	ug/l	98
89) n-Butylbenzene	13.83	91	78332	20.420	ug/l	100
90) Hexachloroethane	14.10	117	14502	21.922	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	35738	22.276	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2381	21.703	ug/l	90

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ClientSampleId :
VW0109SBSD02

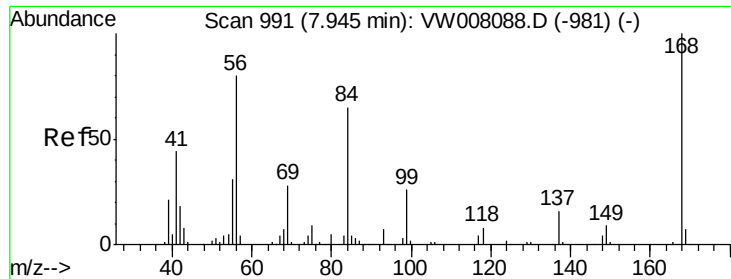
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	23176	21.759	ug/l	98
94) Hexachlorobutadiene	15.24	225	12269	21.521	ug/l	96
95) Naphthalene	15.38	128	43072	21.657	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	20291	22.347	ug/l	98

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



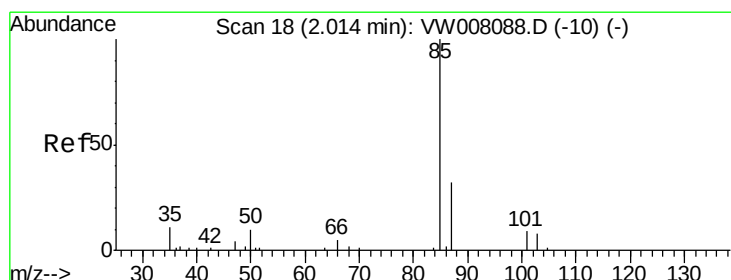
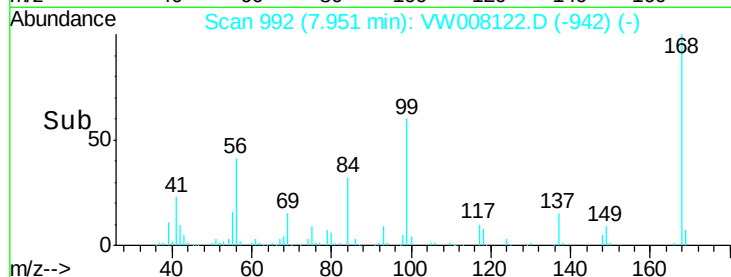
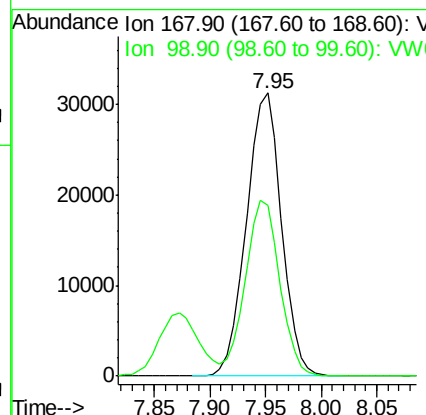
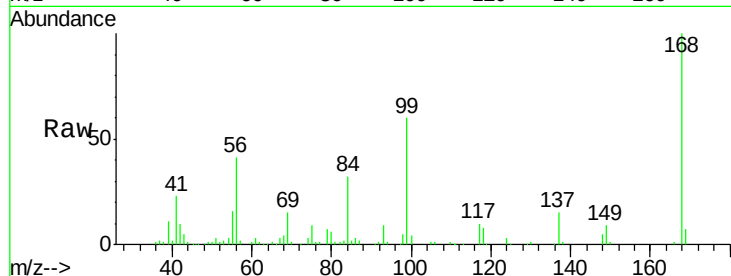
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.01 min
Lab File: VW008122.D
Acq: 10 Jan 2019 01:25

Instrument :
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VW0109SBSD02

Tot Ion:168 Resp: 68506
Ion Ratio Lower Upper
168 100
99 60.2 52.6 78.8

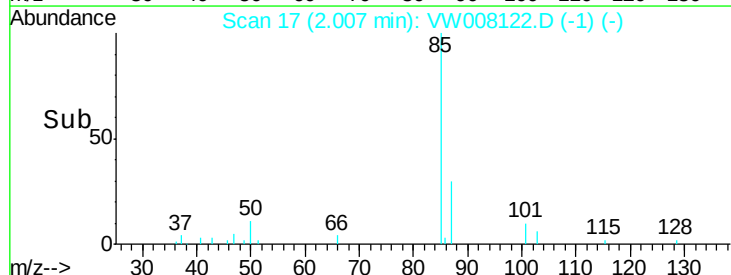
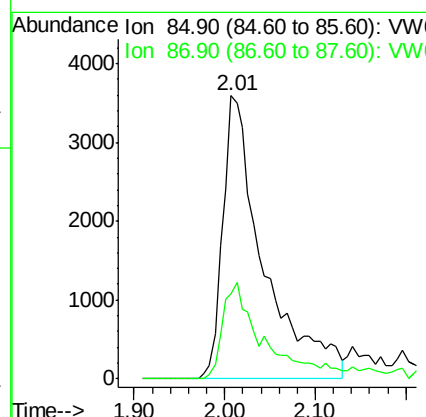
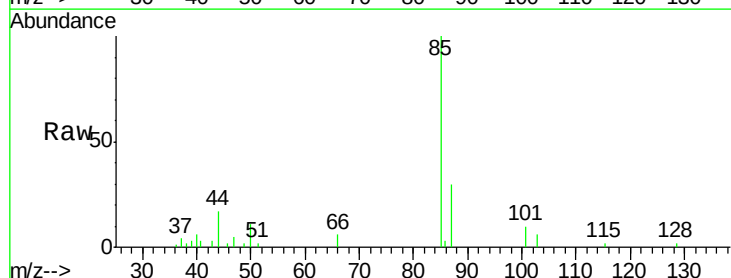
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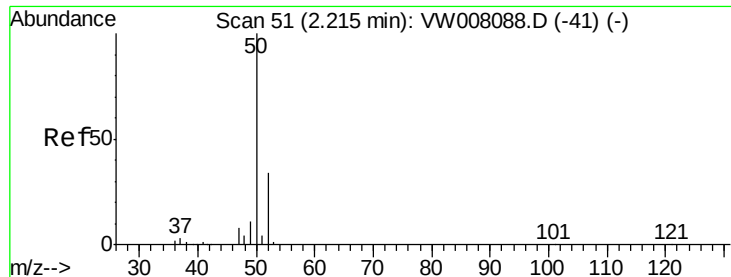
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#2
Dichlorodifluoromethane
Concen: 20.209 ug/l
RT: 2.01 min Scan# 17
Delta R.T. -0.01 min
Lab File: VW008122.D
Acq: 10 Jan 2019 01:25

Tgt Ion: 85 Resp: 11299
Ion Ratio Lower Upper
85 100
87 29.8 16.1 48.3





#3

Chloromethane

Concen: 22.269 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW008122.D

Acq: 10 Jan 2019 01:25

Instrument :

MSVOA_W

ClientSampleId :

VW0109SBSD02

Tot Ion: 50 Resp: 16153

Ion Ratio Lower Upper

50 100

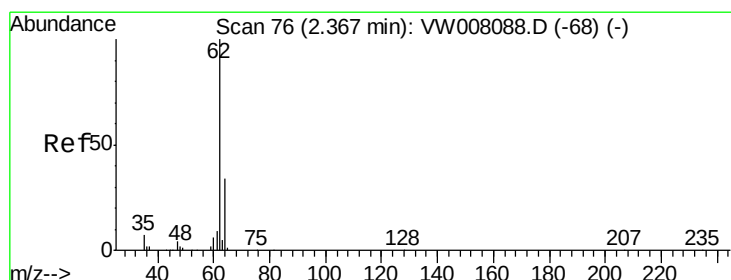
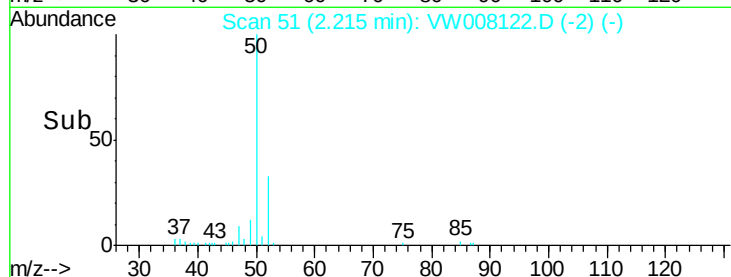
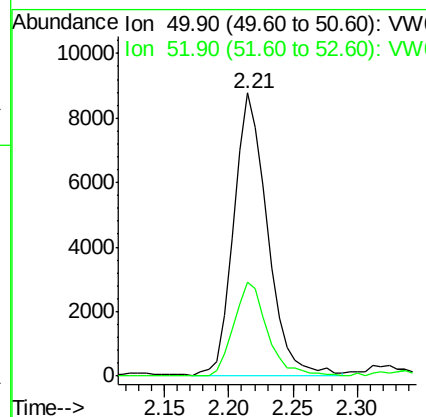
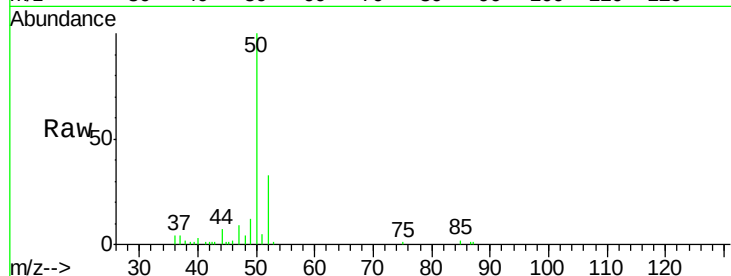
52 33.1 26.8 40.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 22.059 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW008122.D

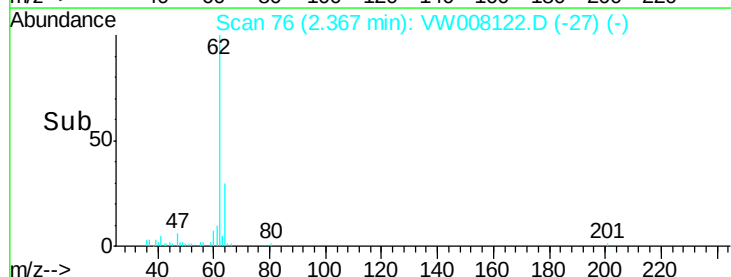
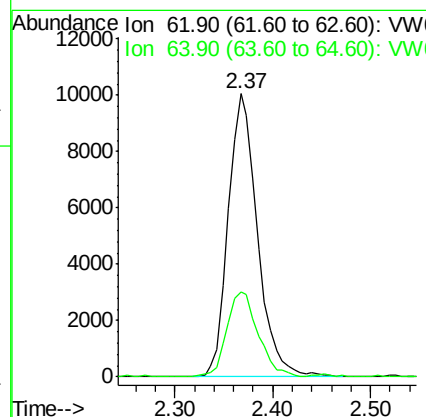
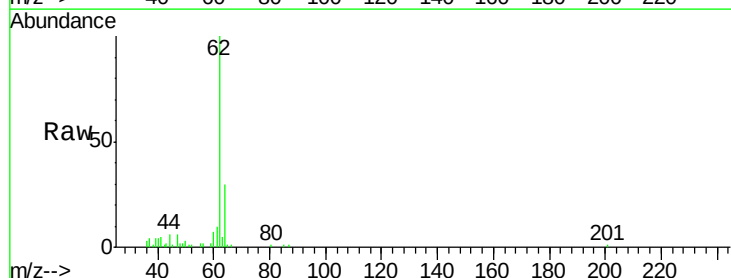
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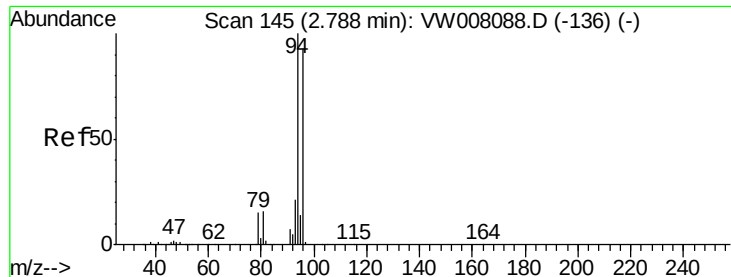
Tgt Ion: 62 Resp: 20883

Ion Ratio Lower Upper

62 100

64 30.0 27.0 40.6





#5

Bromomethane

Concen: 24.049 ug/l

RT: 2.79 min Scan# 145

Delta R.T. -0.00 min

Lab File: VW008122.D

Acq: 10 Jan 2019 01:25

Instrument :

MSVOA_W

ClientSampleId :

VW0109SBS02

Tot Ion: 94 Resp: 17055

Ion Ratio Lower Upper

94 100

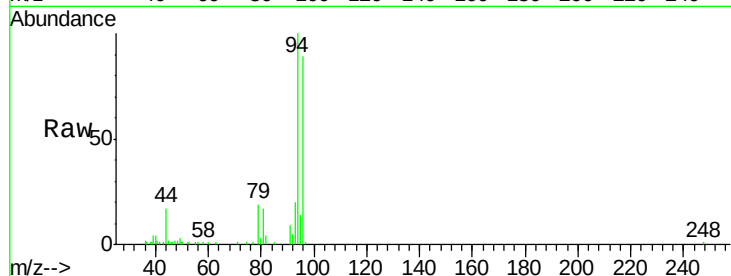
96 89.0 74.1 111.1

Manual Integrations

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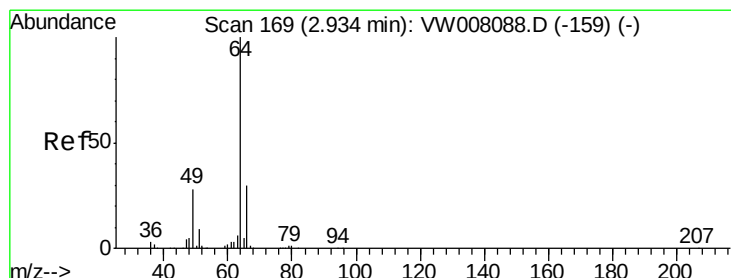
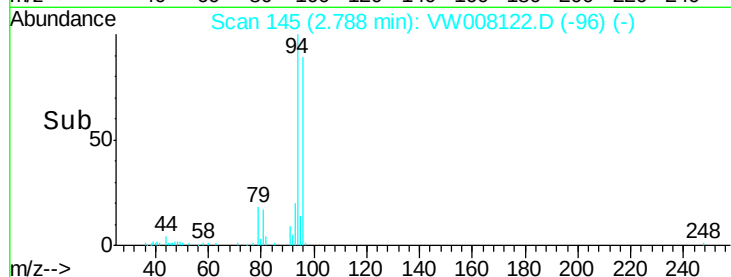
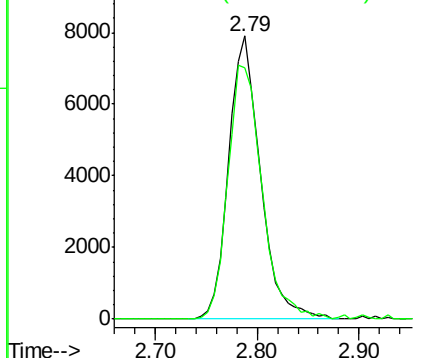
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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 20.551 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW008122.D

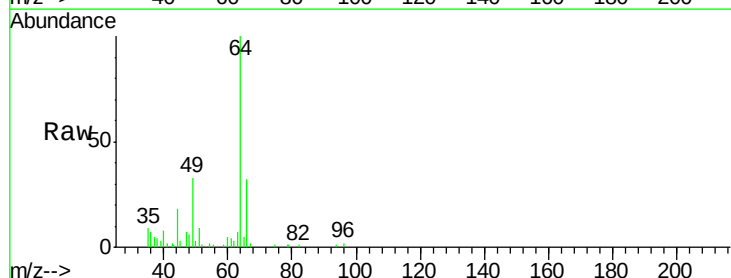
Acq: 10 Jan 2019 01:25

Tgt Ion: 64 Resp: 14640

Ion Ratio Lower Upper

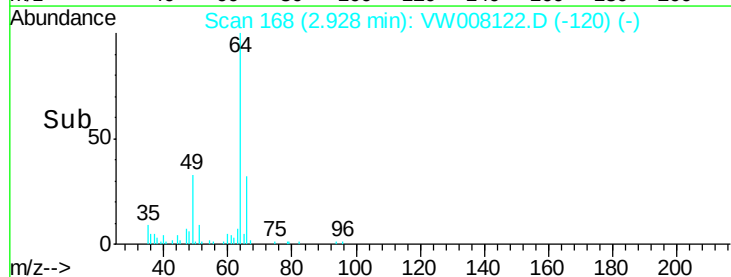
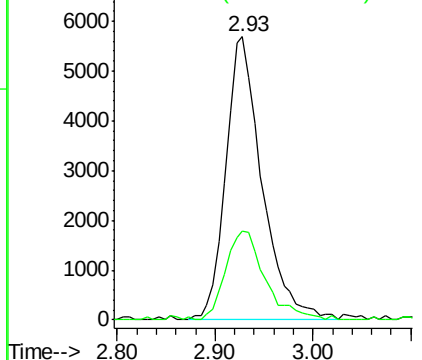
64 100

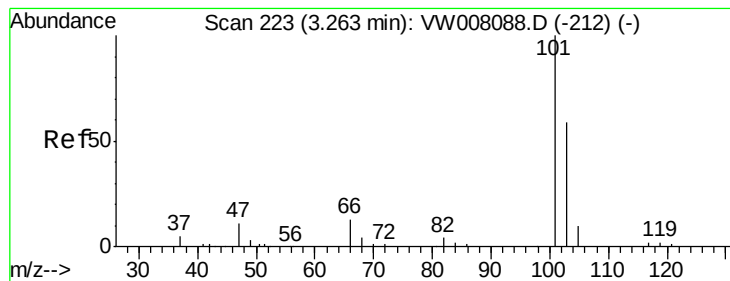
66 31.6 24.2 36.2



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#7

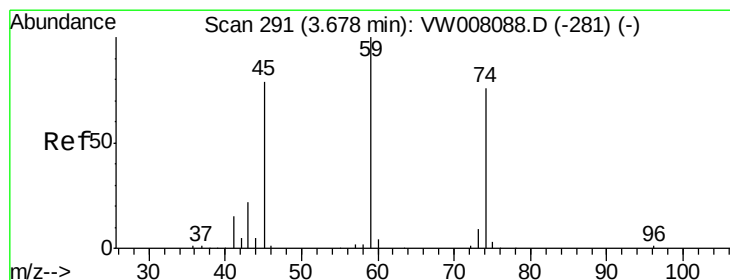
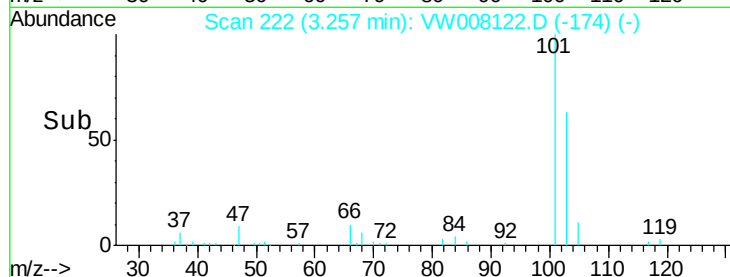
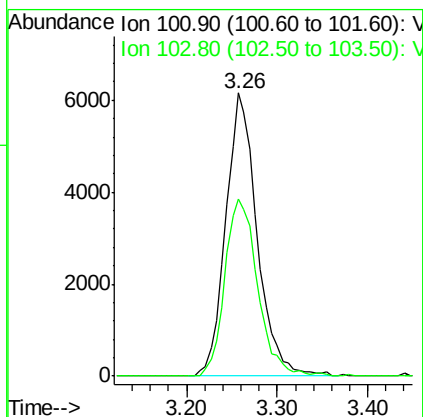
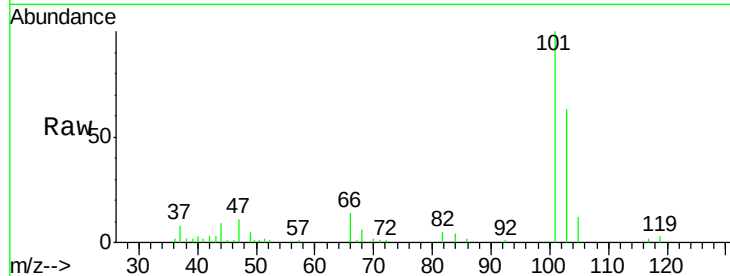
Trichlorofluoromethane
Concen: 19.191 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.01 min
Lab File: VW008122.D
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Tot Ion	101	Resp	14770
Ion Ratio	Lower	Upper	
101	100		
103	62.6	47.0	70.6

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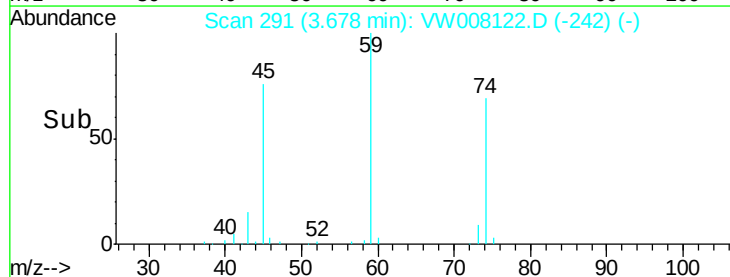
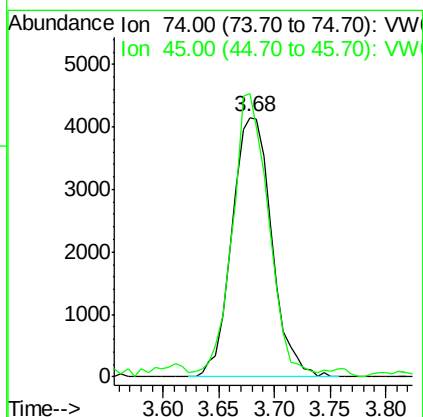
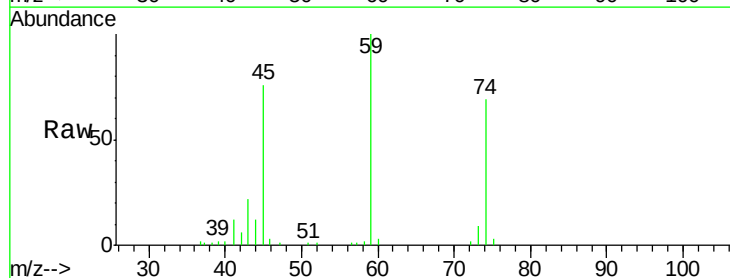
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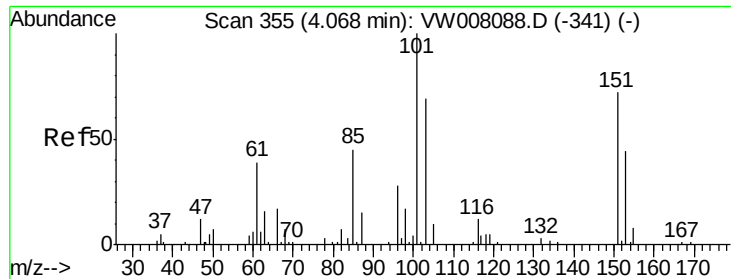


#8

Diethyl Ether
Concen: 23.600 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VW008122.D
Acq: 10 Jan 2019 01:25

Tgt Ion	74	Resp	10268
Ion Ratio	Lower	Upper	
74	100		
45	100.4	52.4	157.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.266 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW008122.D

Acq: 10 Jan 2019 01:25

Instrument :

MSVOA_W

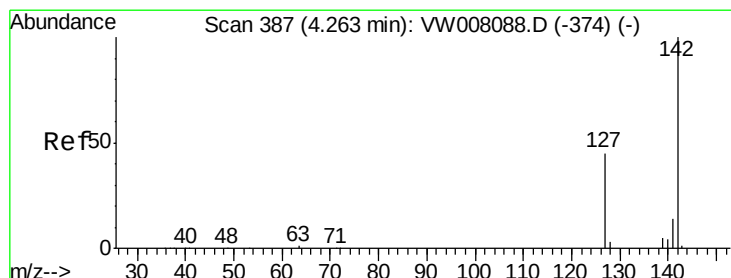
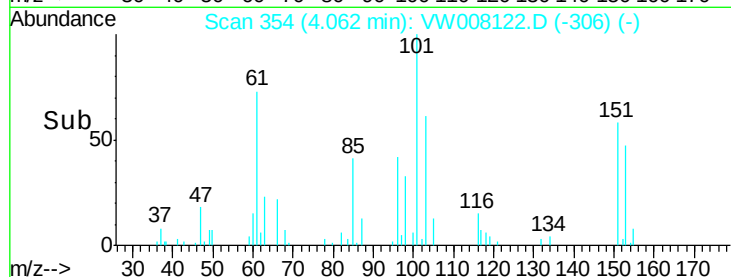
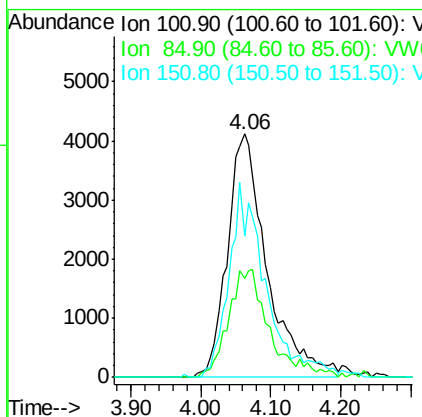
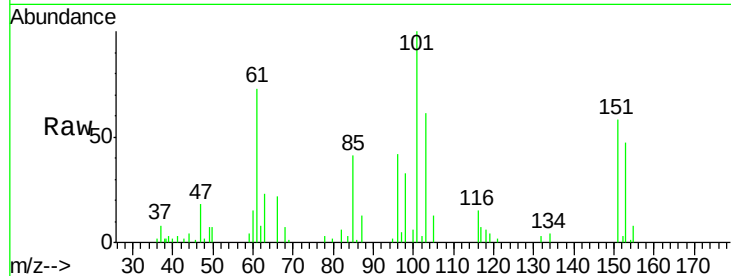
ClientSampleId :

VW0109SBS02

Tot Ion:	101	Resp:	16250
Ion Ratio	Lower	Upper	
101	100		
85	42.5	35.9	53.9
151	74.1	55.8	83.8

Manual Integrations
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#10

Methyl Iodide

Concen: 22.383 ug/l

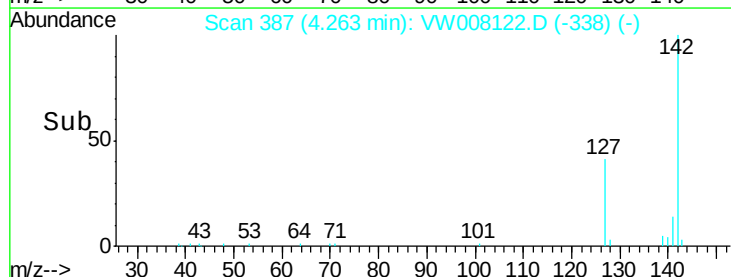
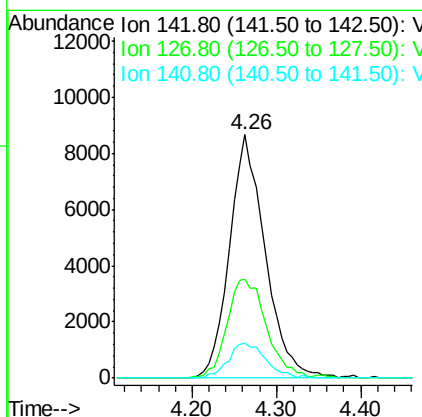
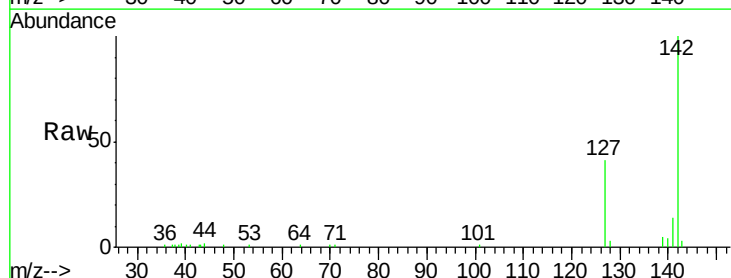
RT: 4.26 min Scan# 387

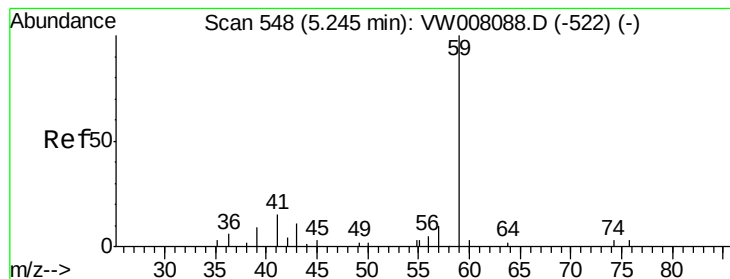
Delta R.T. -0.00 min

Lab File: VW008122.D

Acq: 10 Jan 2019 01:25

Tgt Ion:	142	Resp:	24927
Ion Ratio	Lower	Upper	
142	100		
127	44.7	35.0	52.4
141	14.8	11.8	17.6





#11

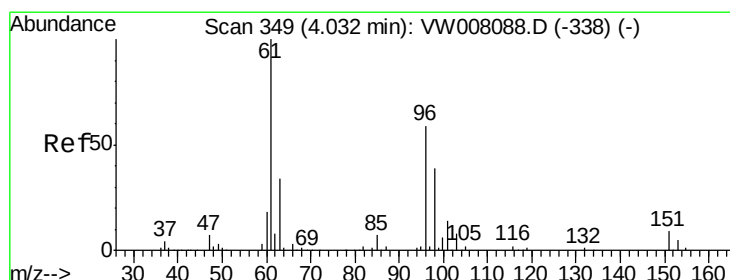
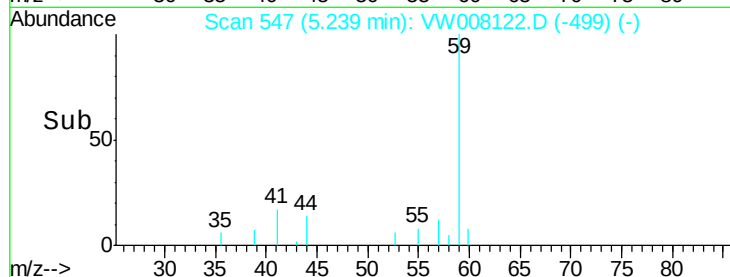
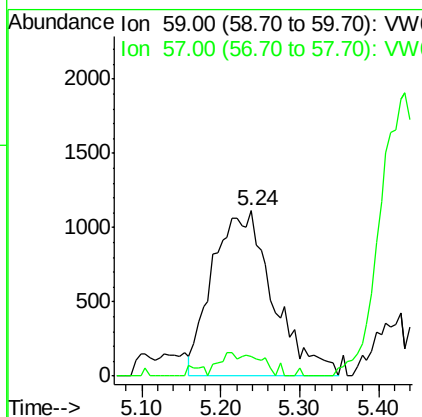
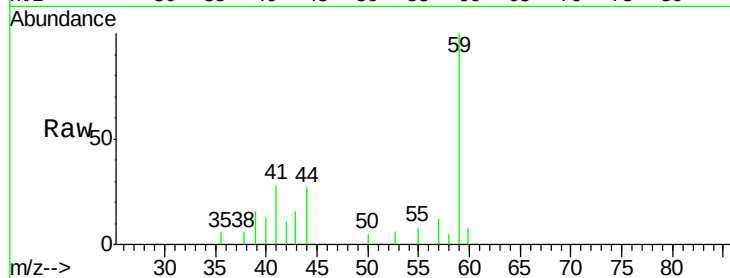
Tert butyl alcohol
Concen: 110.139 ug/l
RT: 5.24 min Scan# 547
Delta R.T. -0.01 min
Lab File: VW008122.D
Acq: 10 Jan 2019 01:25

Instrument :
MSVOA_W
ClientSampleId :
VW0109SBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	0.0	0.0	0.0

Manual Integrations
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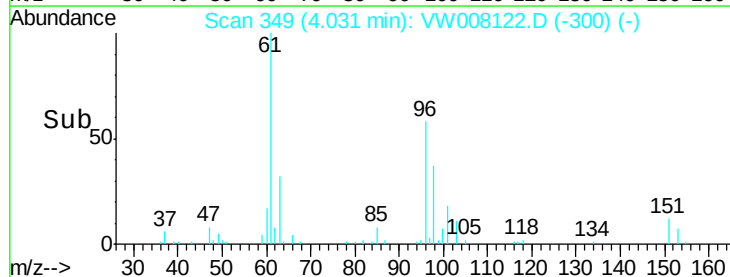
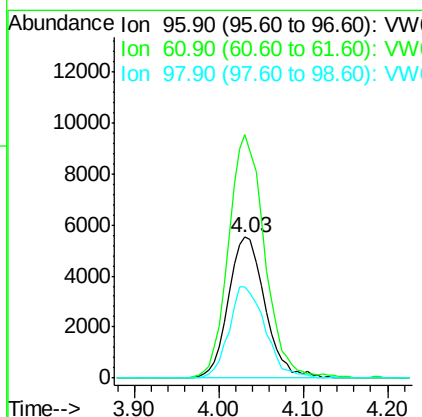
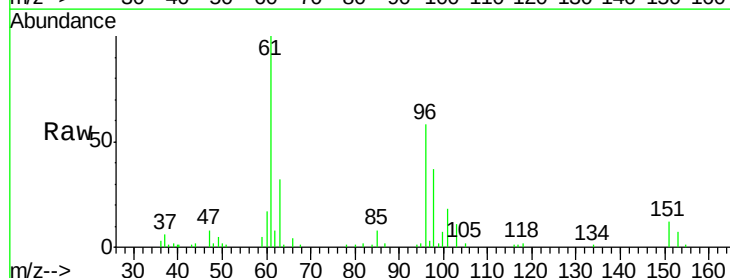
MMDadoda
1/10/2019 5:06:23 PM

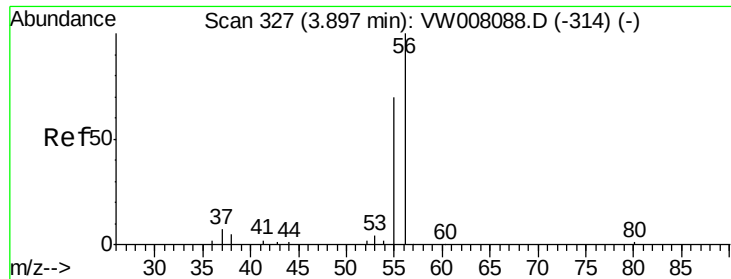


#12

1,1-Dichloroethene
Concen: 21.790 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.00 min
Lab File: VW008122.D
Acq: 10 Jan 2019 01:25

Tgt Ion	Ratio	Lower	Upper
96	100		
61	172.6	135.4	203.2
98	64.3	52.5	78.7





#13

Acrolein

Concen: 82.513 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW008122.D

Acq: 10 Jan 2019 01:25

Instrument :

MSVOA_W

ClientSampleId :

VW0109SBS02

Tot Ion: 56 Resp: 4281

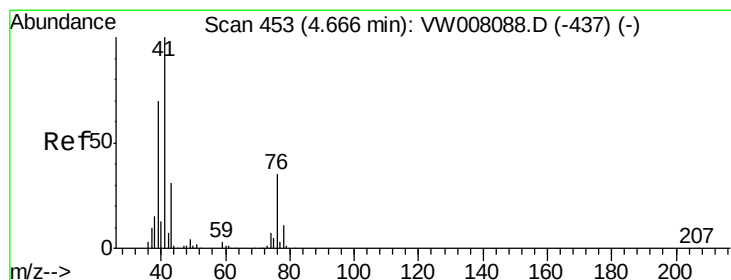
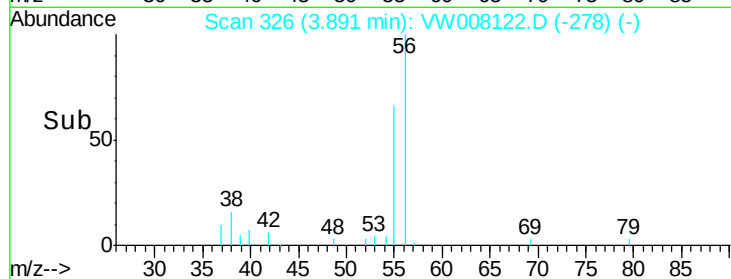
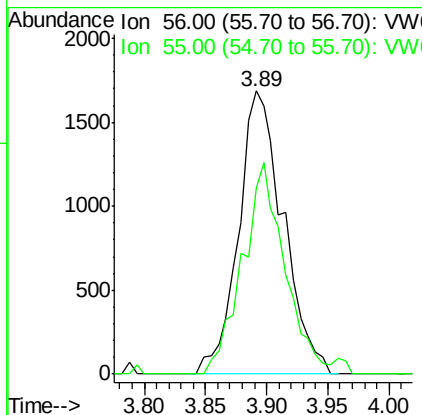
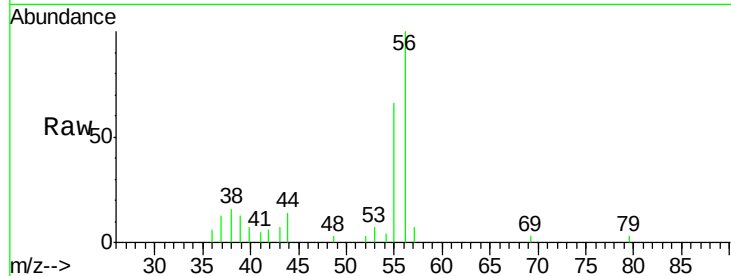
Ion Ratio Lower Upper

56 100

55 70.9 56.6 84.8

Manual Integrations
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#14

Allyl chloride

Concen: 22.337 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW008122.D

Acq: 10 Jan 2019 01:25

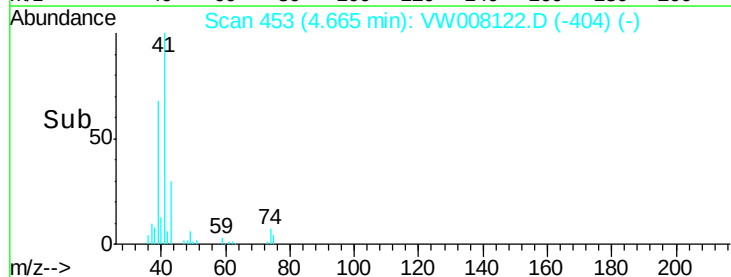
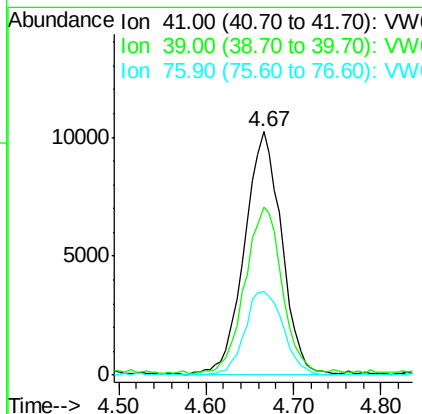
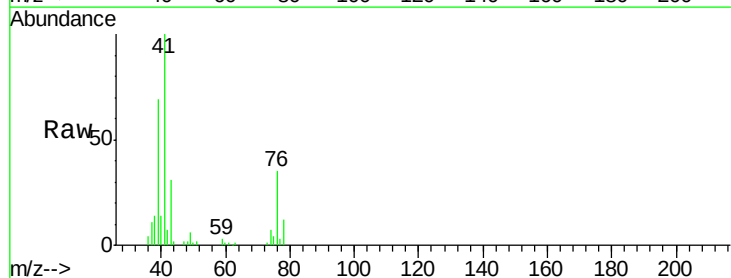
Tgt Ion: 41 Resp: 30425

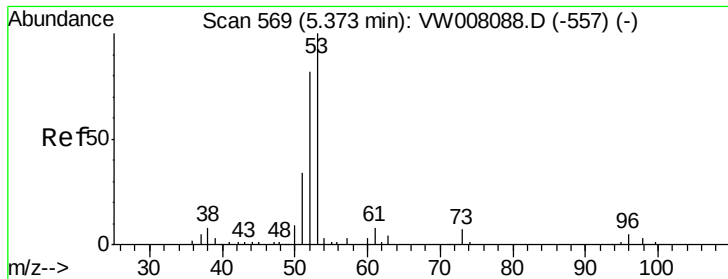
Ion Ratio Lower Upper

41 100

39 68.0 53.8 80.8

76 35.3 27.6 41.4





#15

Acrylonitrile

Concen: 121.149 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.00 min

Lab File: VW008122.D

Acq: 10 Jan 2019 01:25

Instrument :

MSVOA_W

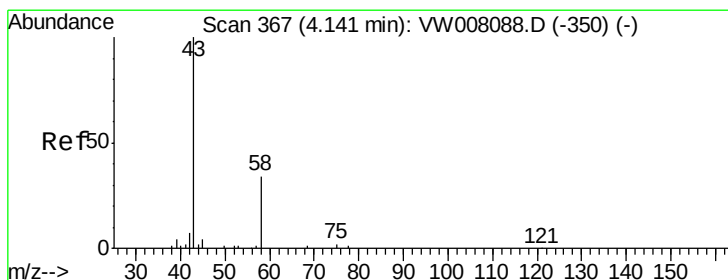
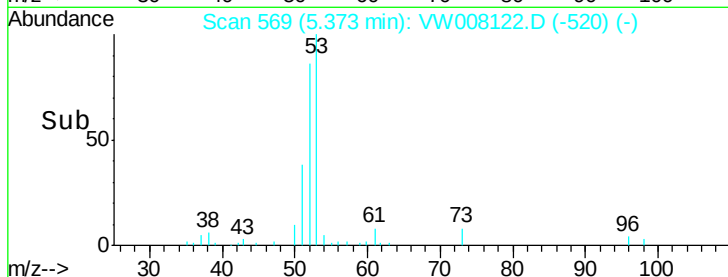
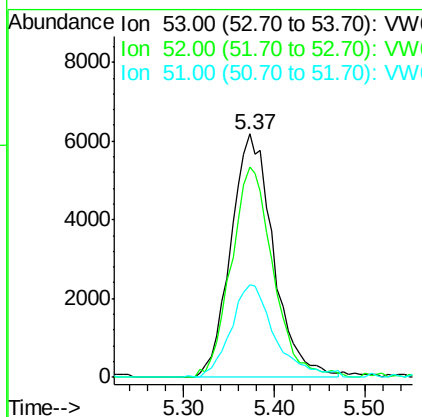
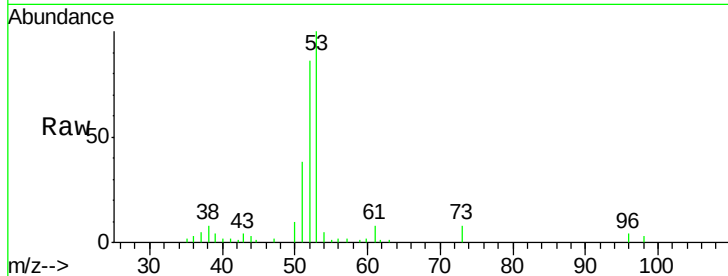
ClientSampleId :

VW0109SBS02

Tot Ion:	53	Resp:	20068
Ion	Ratio	Lower	Upper
53	100		
52	85.4	66.8	100.2
51	39.3	29.7	44.5

Manual Integrations
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#16

Acetone

Concen: 94.877 ug/l

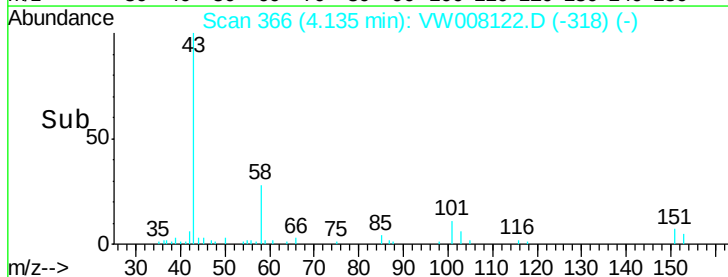
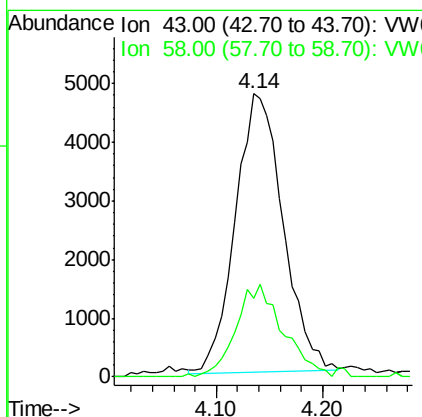
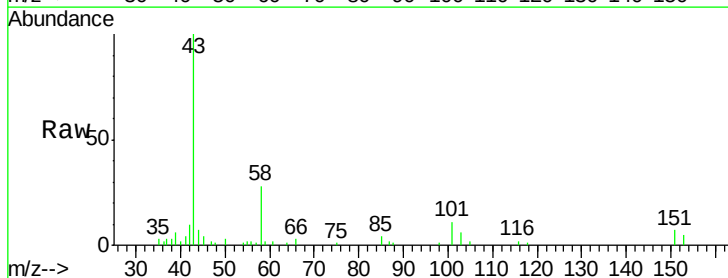
RT: 4.14 min Scan# 366

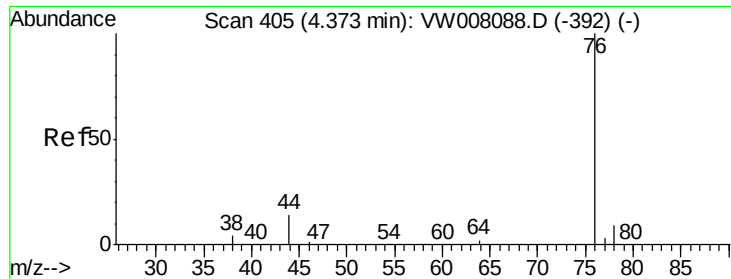
Delta R.T. -0.01 min

Lab File: VW008122.D

Acq: 10 Jan 2019 01:25

Tgt Ion:	43	Resp:	14947
Ion	Ratio	Lower	Upper
43	100		
58	27.0	27.5	41.3#





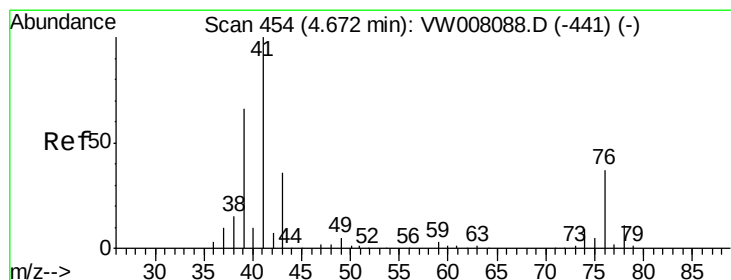
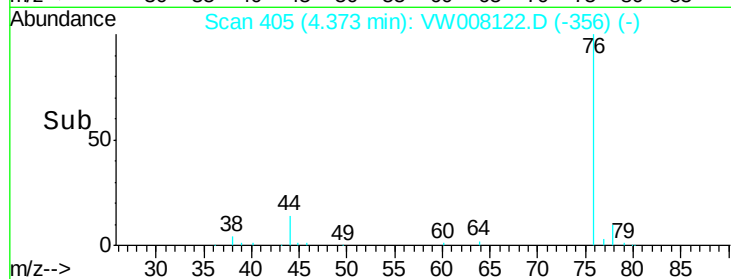
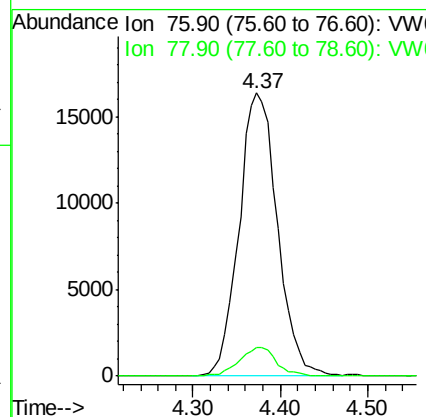
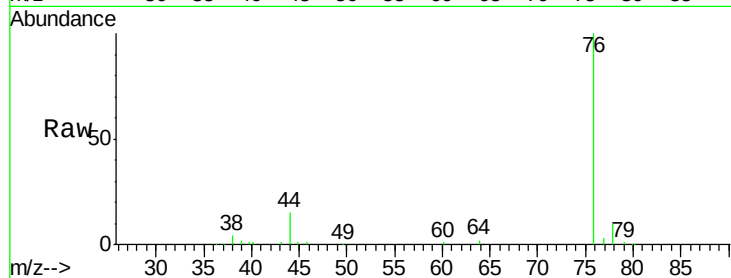
#17
Carbon Disulfide
Concen: 21.250 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: VW008122.D
Acq: 10 Jan 2019 01:25

Instrument :
MSVOA_W
ClientSampleId :
VW0109SBSD02

Tot Ion: 76 Resp: 49802
Ion Ratio Lower Upper
76 100
78 10.3 7.0 10.6

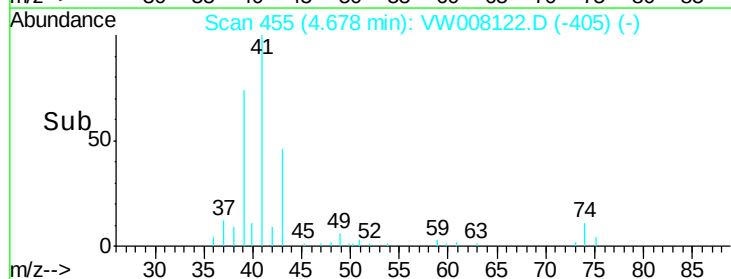
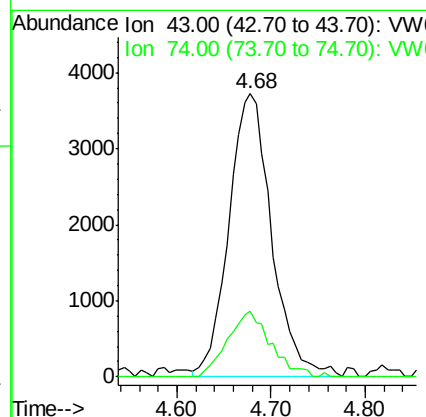
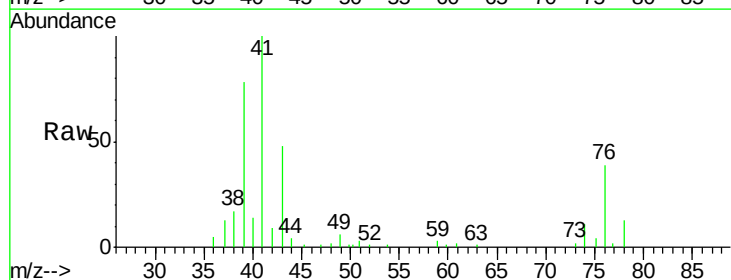
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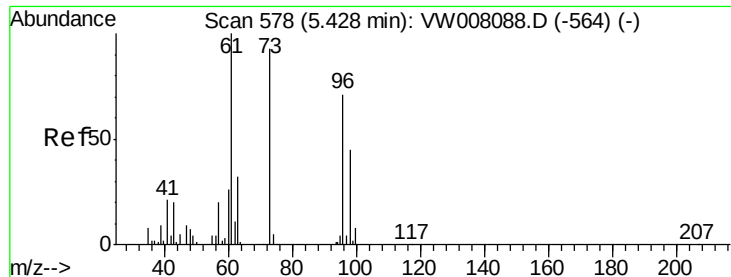
MMDadoda
1/10/2019 5:06:23 PM



#18
Methyl Acetate
Concen: 24.183 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW008122.D
Acq: 10 Jan 2019 01:25

Tgt Ion: 43 Resp: 11768
Ion Ratio Lower Upper
43 100
74 23.2 19.0 28.4





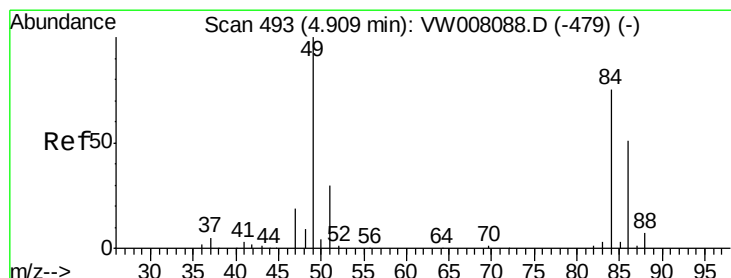
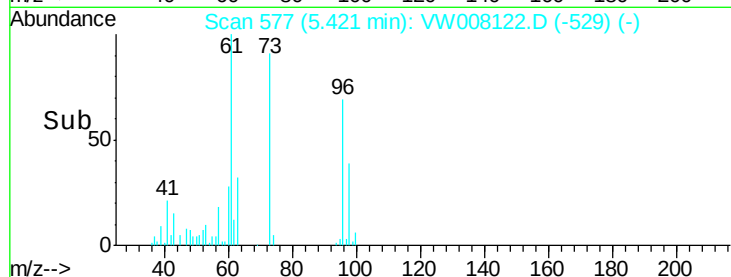
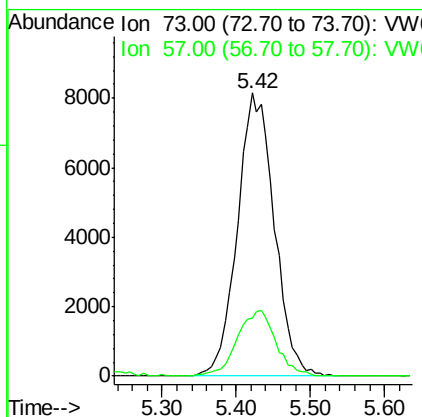
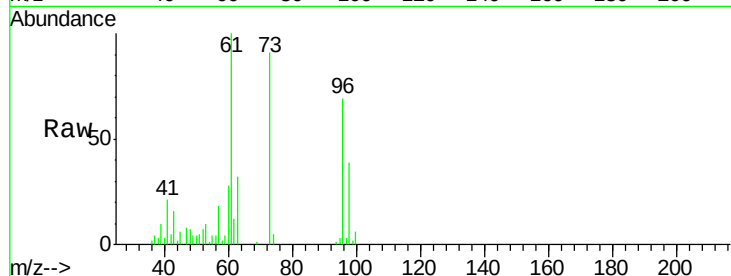
#19
Methyl tert-butyl Ether
Concen: 23.176 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW008122.D
Acq: 10 Jan 2019 01:25

Instrument :
MSVOA_W
ClientSampleId :
VW0109SBS02

Tot Ion: 73 Resp: 28266
Ion Ratio Lower Upper
73 100
57 20.3 16.7 25.1

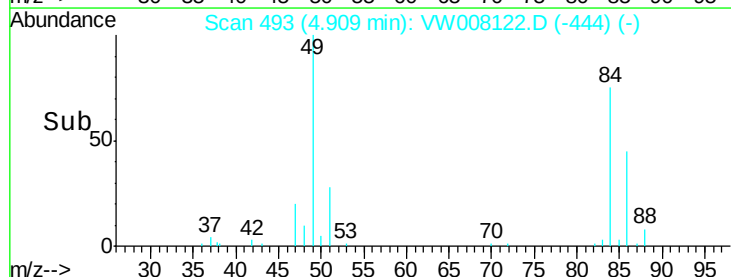
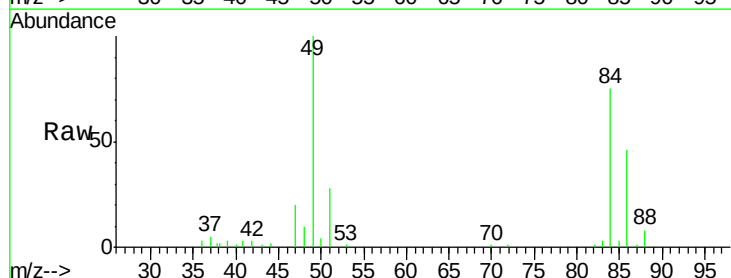
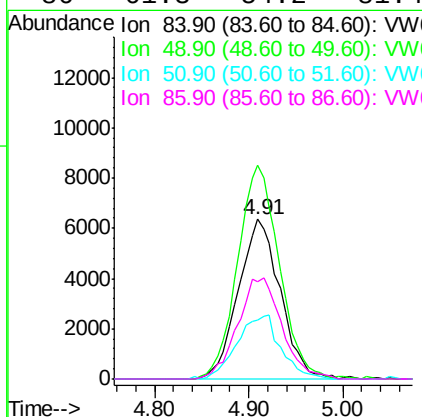
Manual Integrations
APPROVED

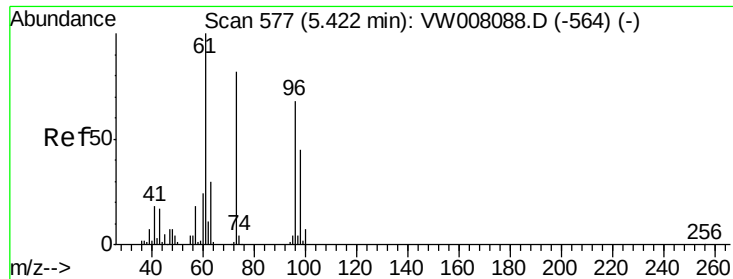
MMDadoda
1/10/2019 5:06:23 PM



#20
Methylene Chloride
Concen: 23.567 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW008122.D
Acq: 10 Jan 2019 01:25

Tgt Ion: 84 Resp: 19792
Ion Ratio Lower Upper
84 100
49 133.7 107.1 160.7
51 37.1 32.4 48.6
86 61.3 54.2 81.4





#21

trans-1,2-Dichloroethene

Concen: 22.903 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW008122.D

Acq: 10 Jan 2019 01:25

Instrument :

MSVOA_W

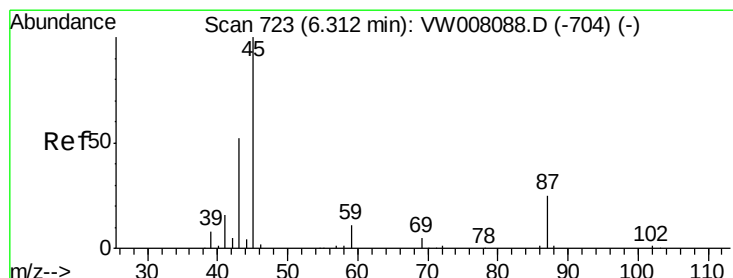
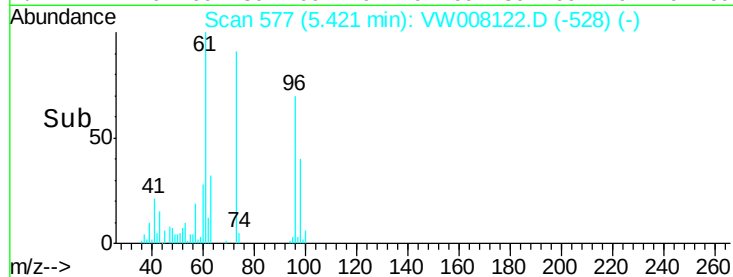
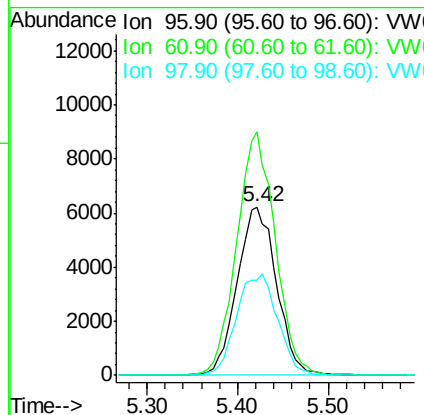
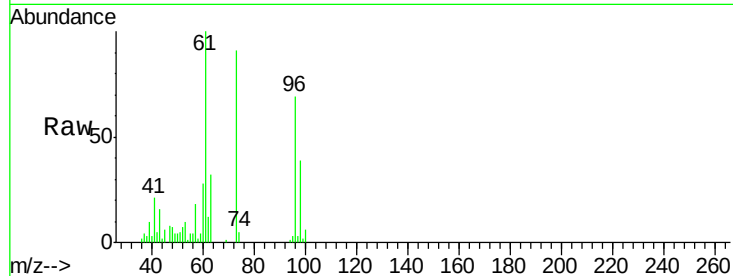
ClientSampleId :

VW0109SBS02

Tot Ion:	96	Resp:	18672
Ion	Ratio	Lower	Upper
96	100		
61	143.3	117.4	176.0
98	56.7	52.2	78.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 23.701 ug/l

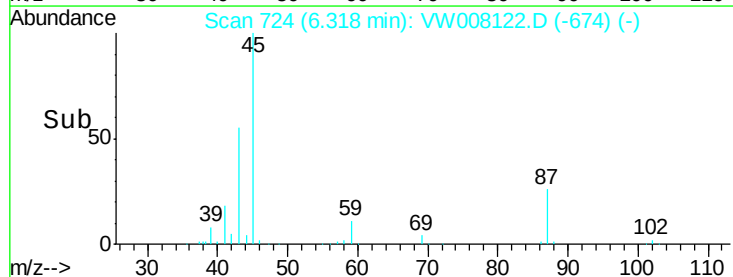
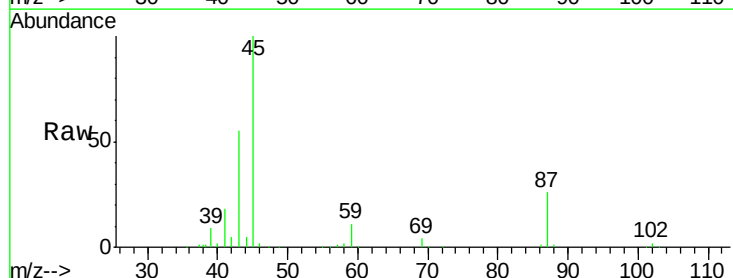
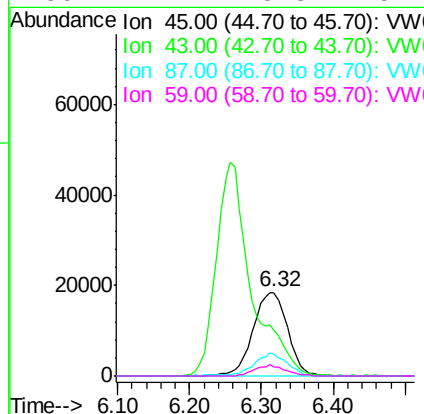
RT: 6.32 min Scan# 724

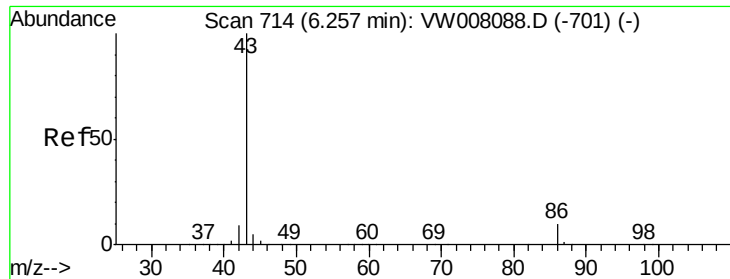
Delta R.T. 0.01 min

Lab File: VW008122.D

Acq: 10 Jan 2019 01:25

Tgt Ion:	45	Resp:	61569
Ion	Ratio	Lower	Upper
45	100		
43	53.9	41.7	62.5
87	26.2	20.1	30.1
59	11.1	8.8	13.2





#23

Vinyl Acetate

Concen: 116.729 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW008122.D

Acq: 10 Jan 2019 01:25

Instrument :

MSVOA_W

ClientSampleId :

VW0109SBSD02

Tot Ion: 43 Resp: 159257

Ion Ratio Lower Upper

43 100

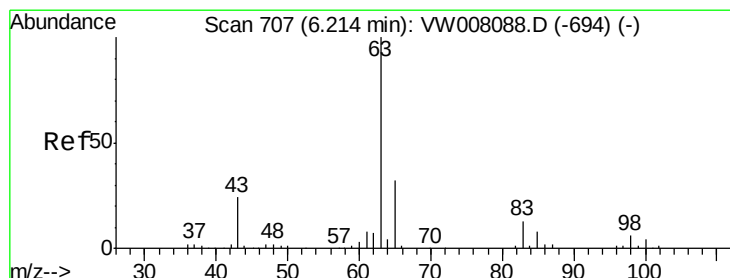
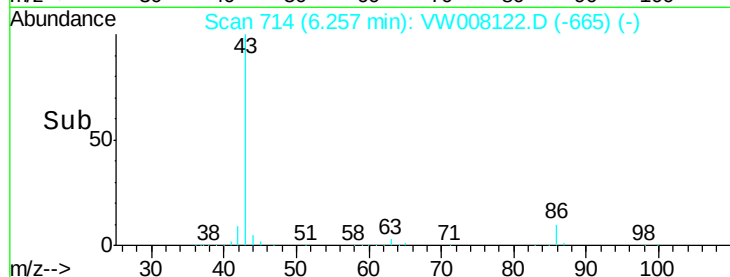
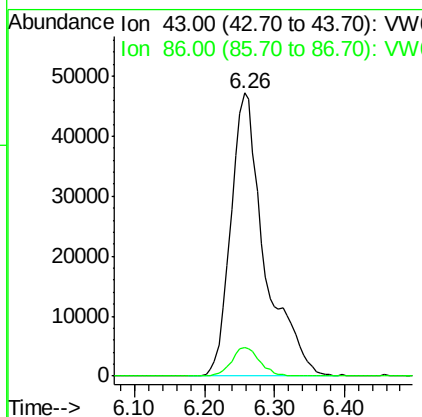
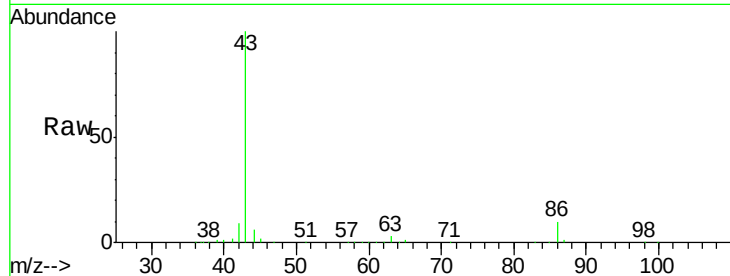
86 10.0 7.7 11.5

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 22.713 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW008122.D

Acq: 10 Jan 2019 01:25

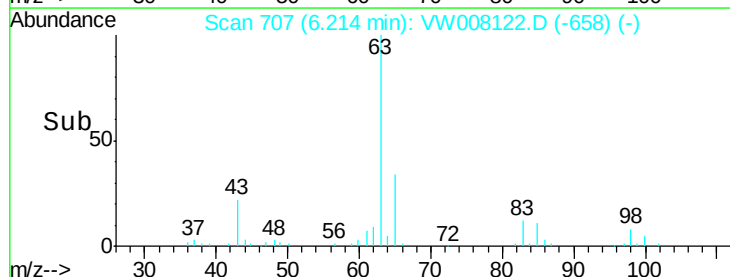
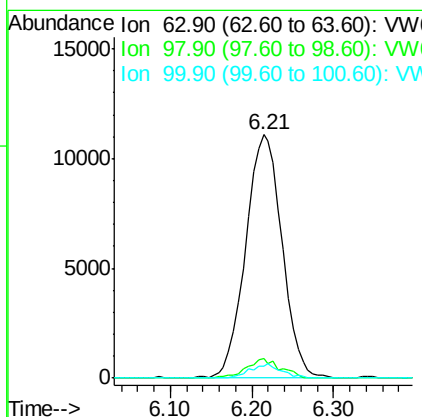
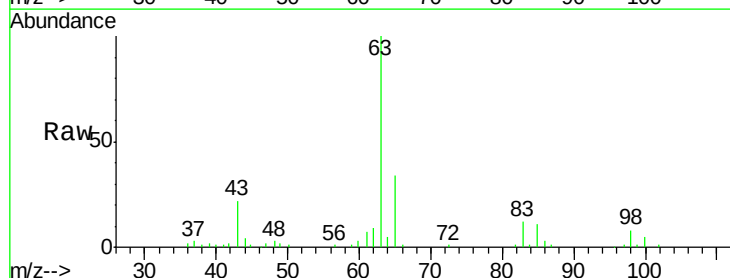
Tgt Ion: 63 Resp: 34379

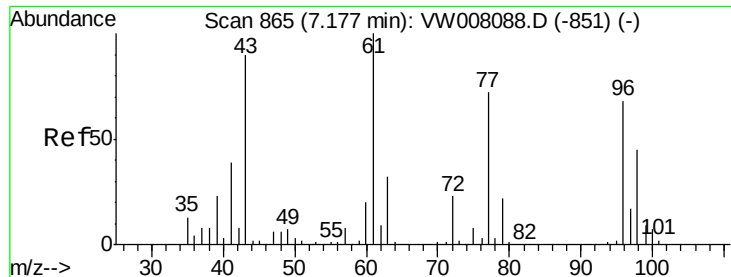
Ion Ratio Lower Upper

63 100

98 8.1 3.2 9.6

100 4.7 2.0 6.0





#25

2-Butanone

Concen: 110.380 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW008122.D

Acq: 10 Jan 2019 01:25

Instrument :

MSVOA_W

ClientSampleId :

VW0109SBS02

Tot Ion: 43 Resp: 23646

Ion Ratio Lower Upper

43 100

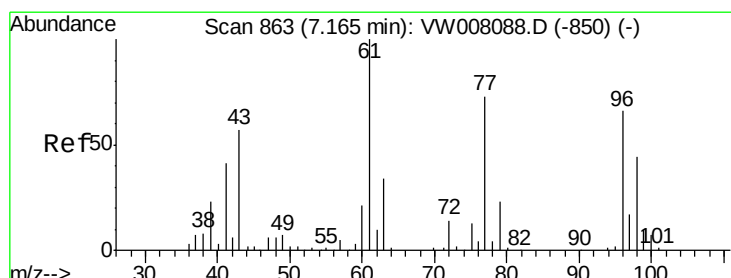
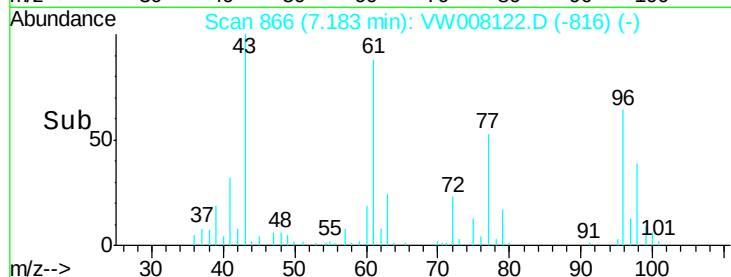
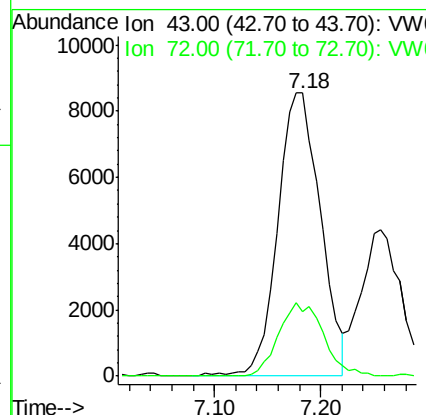
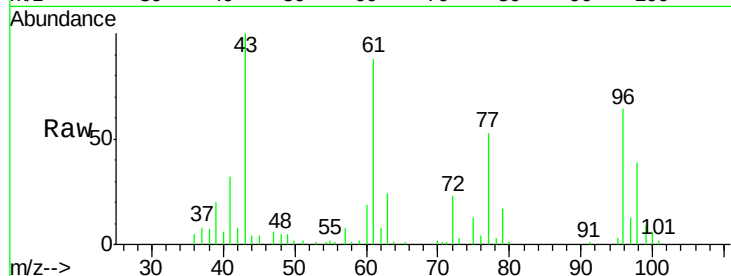
72 22.0 20.5 30.7

Manual Integrations

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MMDadoda

1/10/2019 5:06:23 PM



#26

2,2-Dichloropropane

Concen: 20.321 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW008122.D

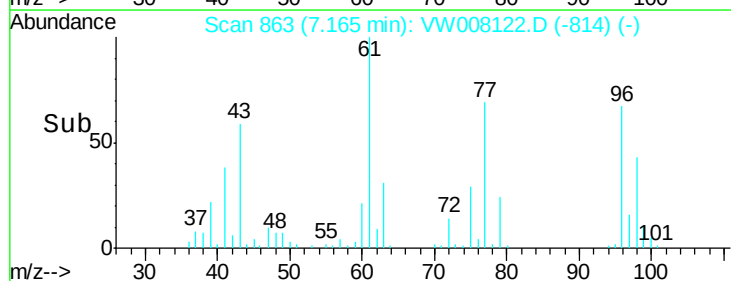
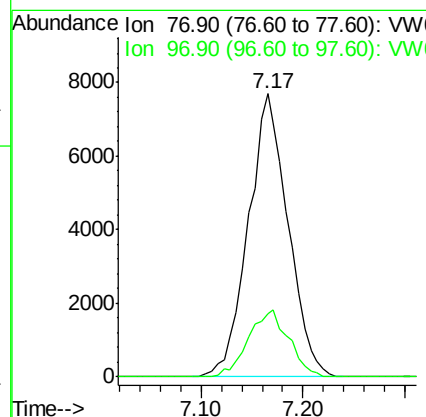
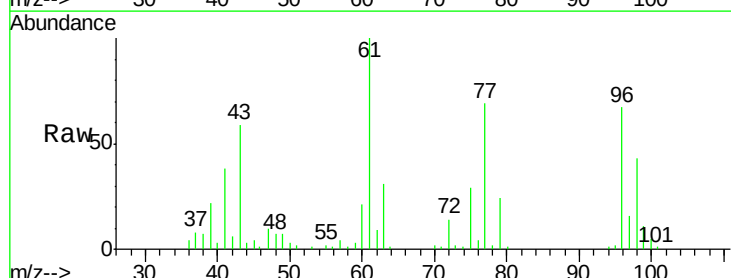
Acq: 10 Jan 2019 01:25

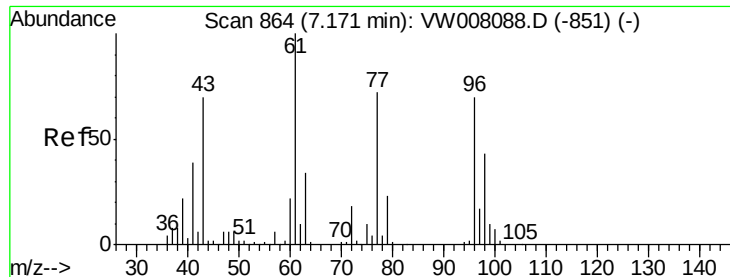
Tgt Ion: 77 Resp: 20841

Ion Ratio Lower Upper

77 100

97 24.0 11.4 34.1





#27

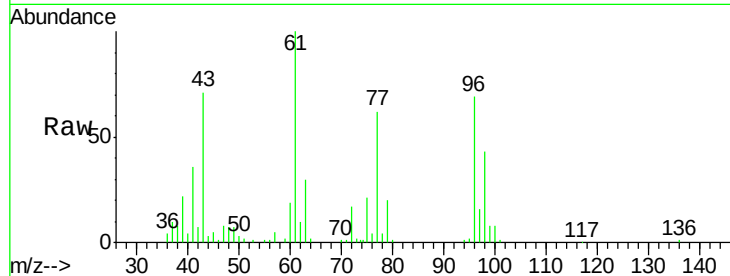
cis-1,2-Dichloroethene
Concen: 22.781 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW008122.D
Acq: 10 Jan 2019 01:25

Instrument :
MSVOA_W
ClientSampleId :
VW0109SBSD02

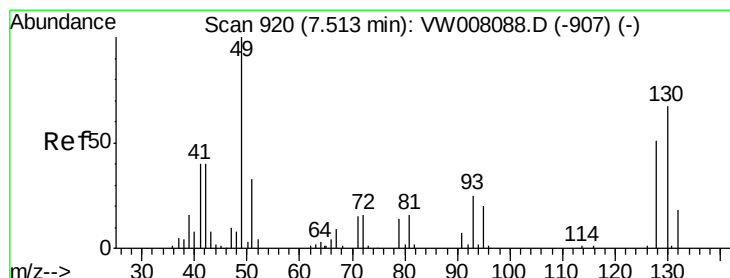
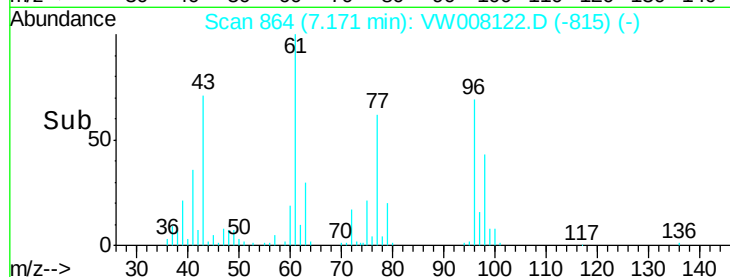
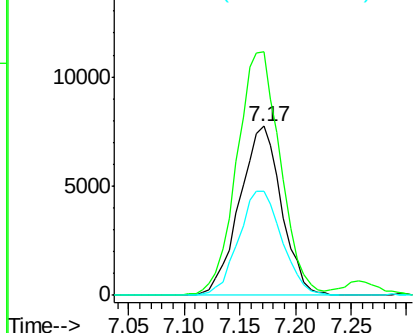
Tot Ion	Ratio	Lower	Upper
96	100		
61	149.8	0.0	300.4
98	63.6	0.0	128.4

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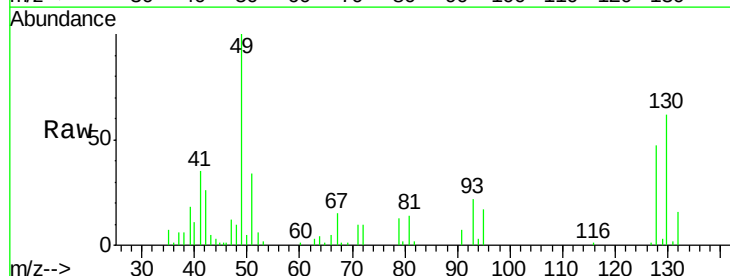
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



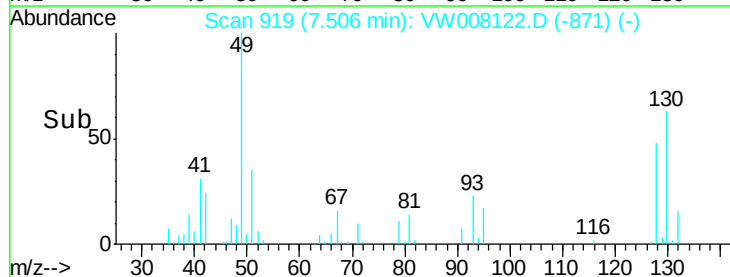
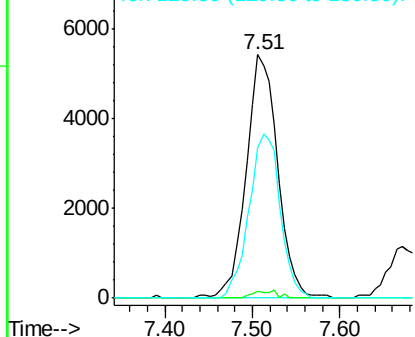
#28

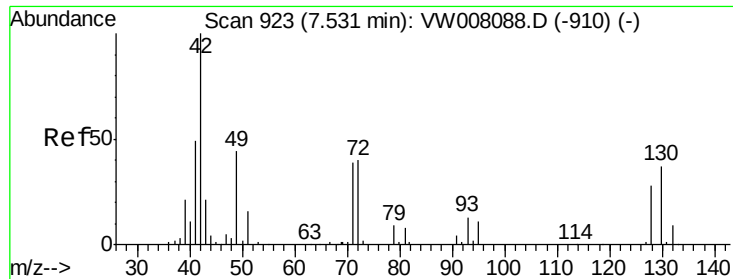
Bromochloromethane
Concen: 22.750 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.01 min
Lab File: VW008122.D
Acq: 10 Jan 2019 01:25

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	2.8
130	66.5	54.3	81.5



Abundance Ion 48.90 (48.60 to 49.60): VW
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





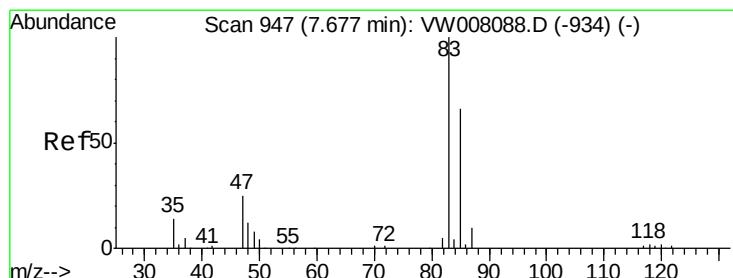
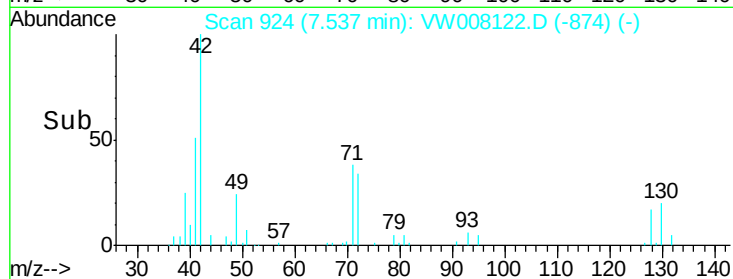
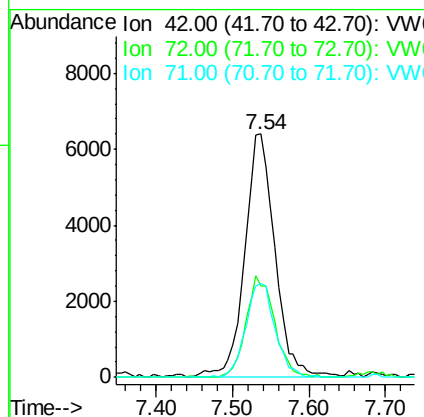
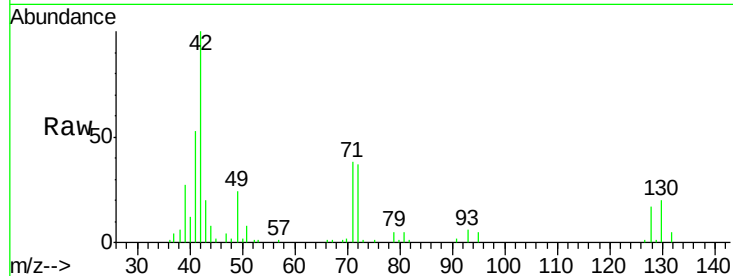
#29
Tetrahydrofuran
Concen: 123.209 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW008122.D
Acq: 10 Jan 2019 01:25

Instrument :
MSVOA_W
ClientSampleId :
VW0109SBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.1	32.4	48.6
71	37.6	31.3	46.9

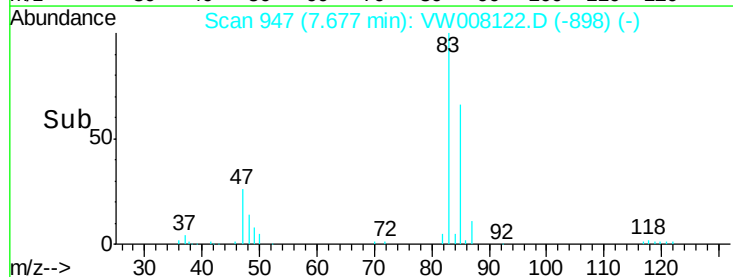
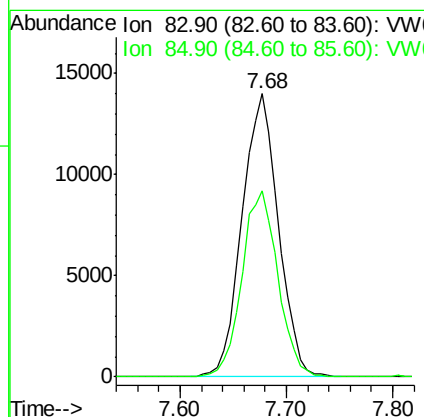
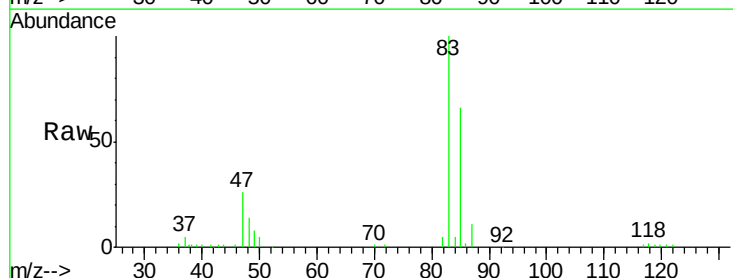
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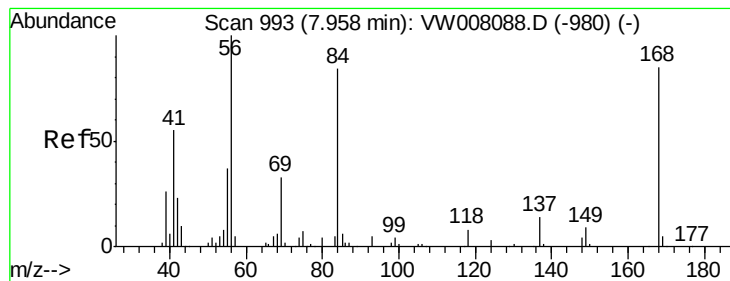
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#30
Chloroform
Concen: 23.322 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW008122.D
Acq: 10 Jan 2019 01:25

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.5	53.2	79.8





#31

Cyclohexane

Concen: 20.082 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW008122.D

Acq: 10 Jan 2019 01:25

Instrument :

MSVOA_W

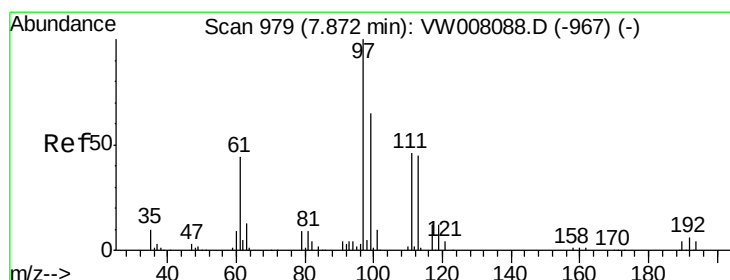
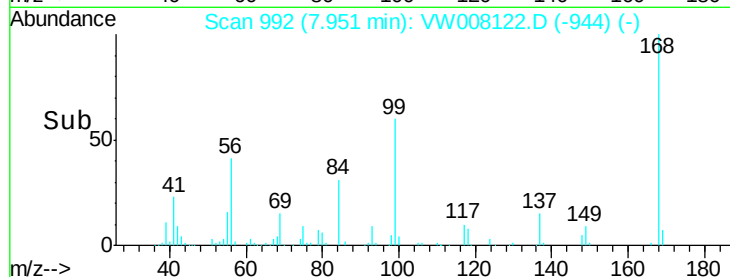
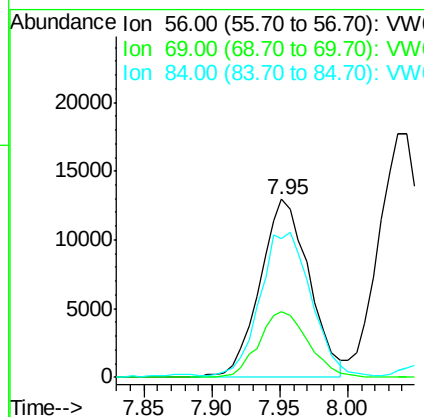
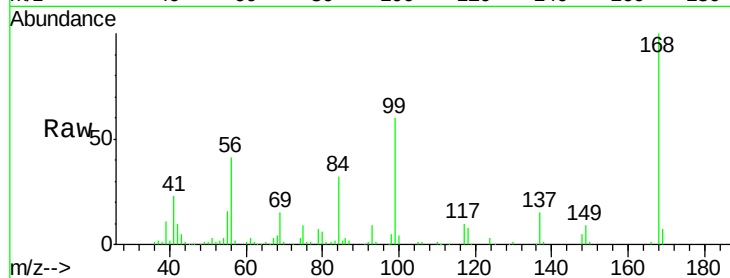
ClientSampleId :

VW0109SBS02

Tot Ion:	56	Resp:	32540
Ion Ratio	Lower	Upper	
56	100		
69	37.2	26.2	39.4
84	76.6	67.4	101.2

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#32

1,1,1-Trichloroethane

Concen: 21.593 ug/l

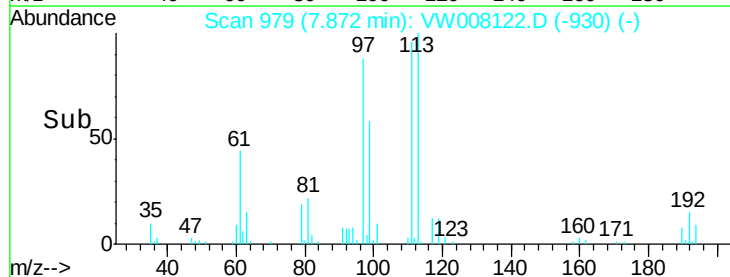
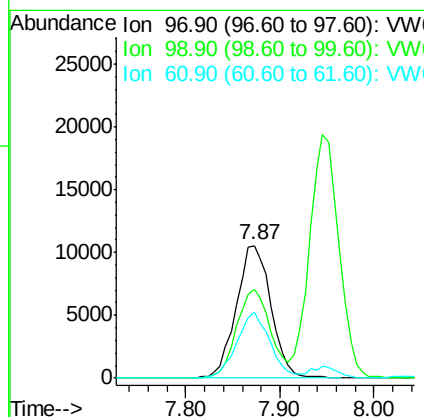
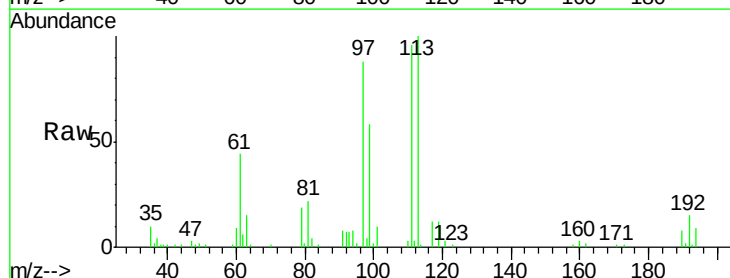
RT: 7.87 min Scan# 979

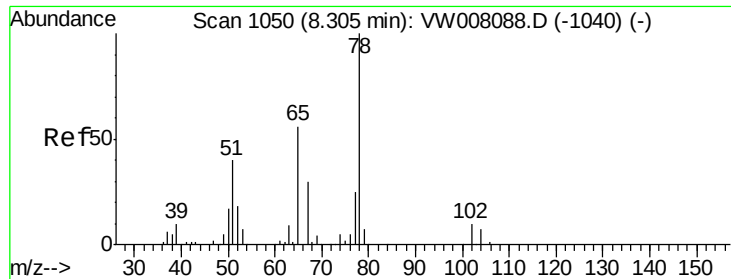
Delta R.T. -0.00 min

Lab File: VW008122.D

Acq: 10 Jan 2019 01:25

Tgt Ion:	97	Resp:	27069
Ion Ratio	Lower	Upper	
97	100		
99	65.7	51.4	77.0
61	47.7	35.6	53.4





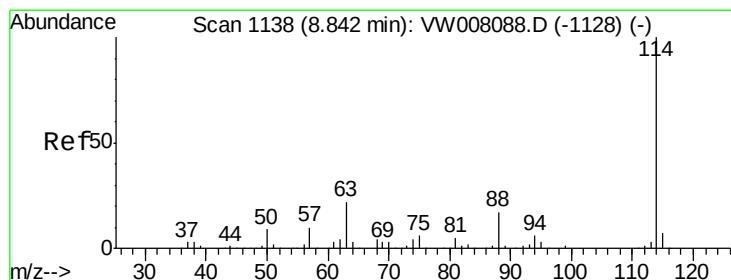
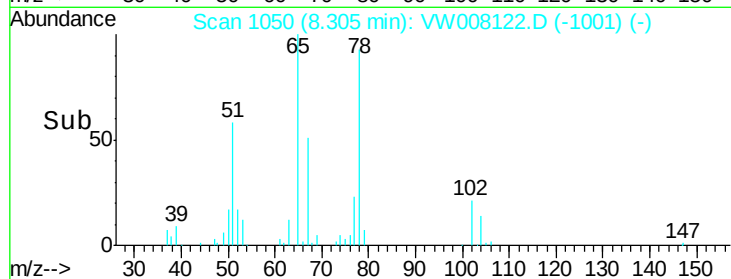
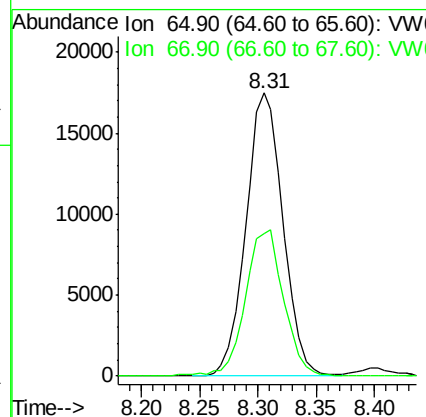
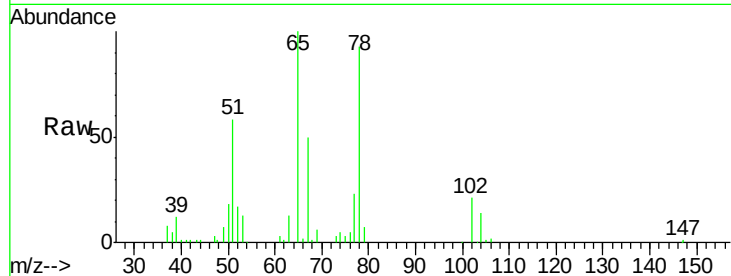
#33
 1,2-Dichloroethane-d4
 Concen: 50.293 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW008122.D
 Acq: 10 Jan 2019 01:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0109SBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.4	0.0	106.8	

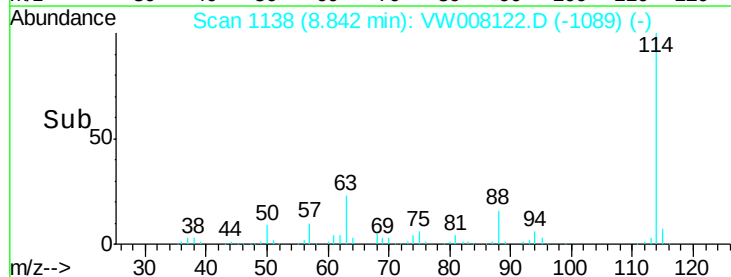
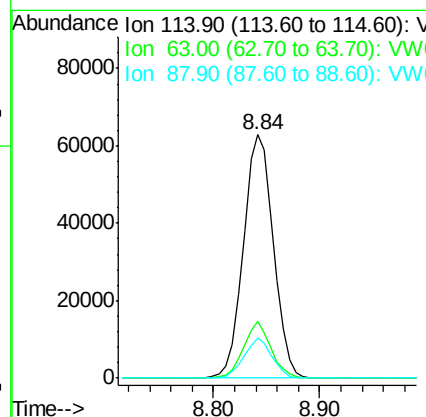
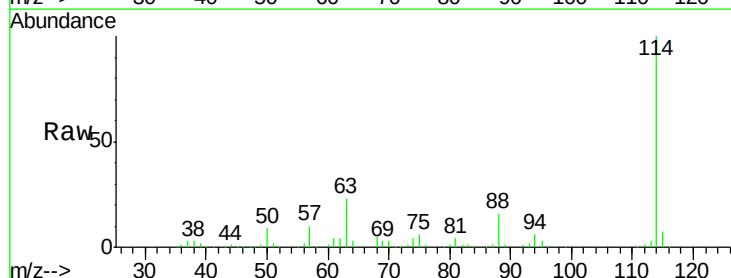
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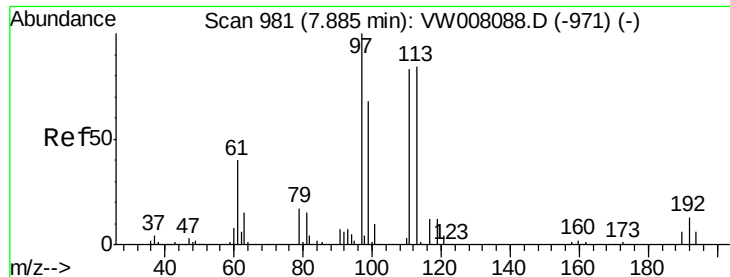
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008122.D
 Acq: 10 Jan 2019 01:25

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	23.3	0.0	43.4	
88	16.3	0.0	33.4	





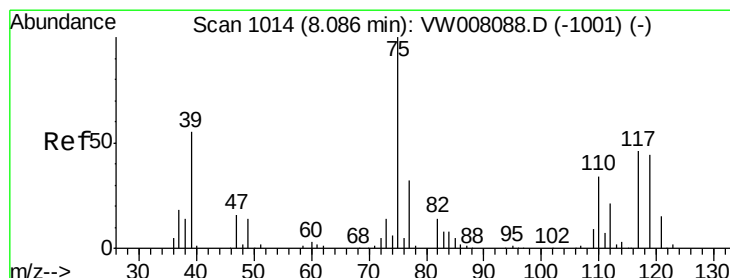
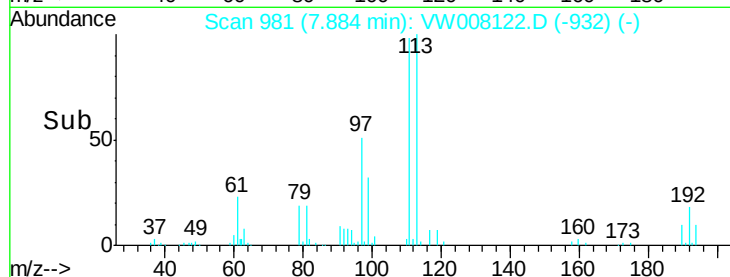
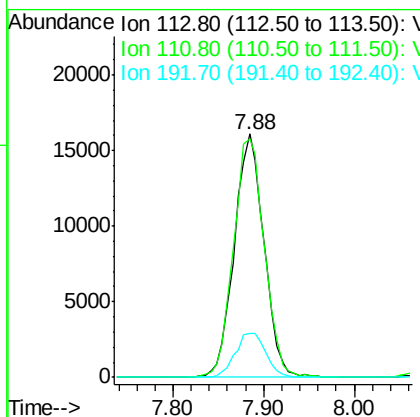
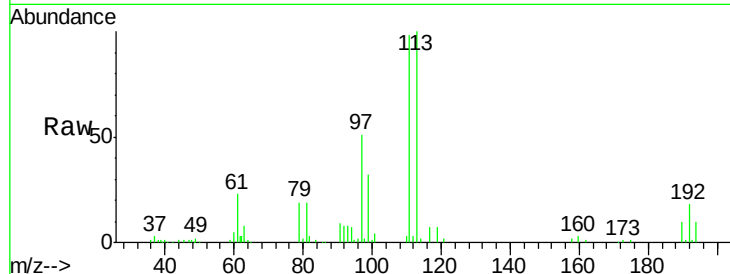
#35
 Dibromofluoromethane
 Concen: 50.416 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW008122.D
 Acq: 10 Jan 2019 01:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0109SBS02

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.8	122.8
192	18.6	12.8	19.2

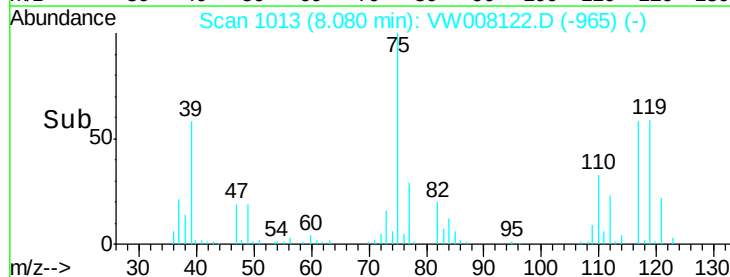
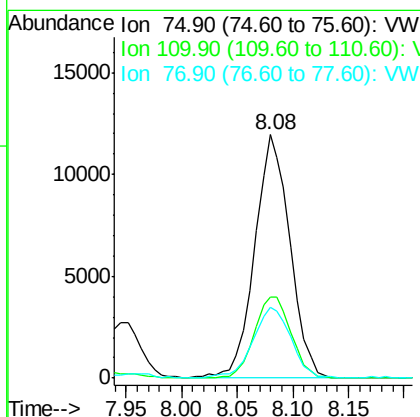
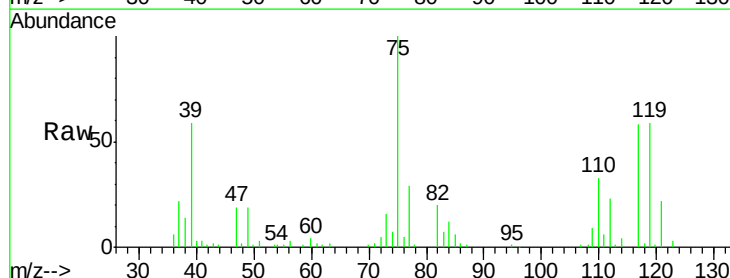
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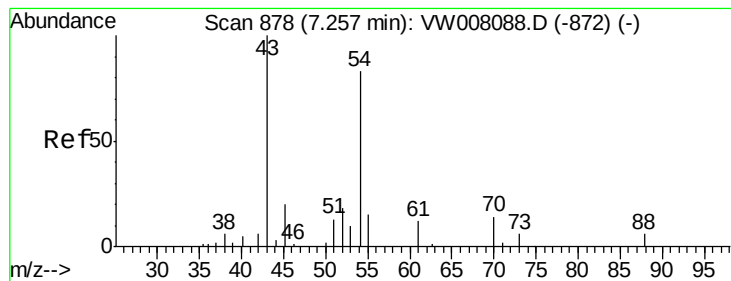
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#36
 1,1-Dichloropropene
 Concen: 20.567 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: VW008122.D
 Acq: 10 Jan 2019 01:25

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.8	17.1	51.3
77	31.5	25.5	38.3





#37

Ethyl Acetate

Concen: 22.817 ug/l

RT: 7.26 min Scan# 878

Delta R.T. -0.00 min

Lab File: VW008122.D

Acq: 10 Jan 2019 01:25

Instrument :

MSVOA_W

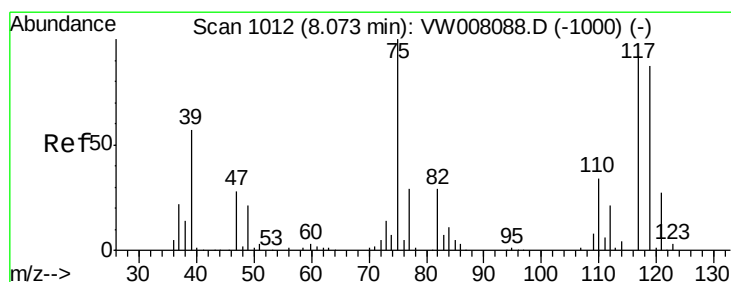
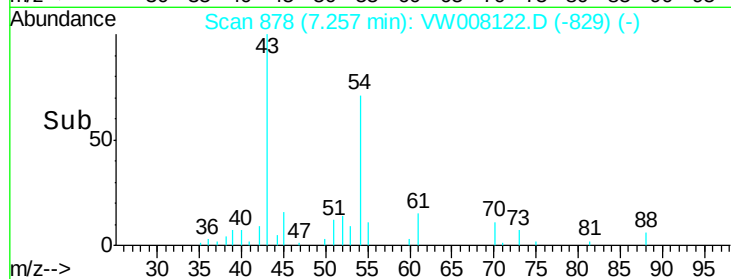
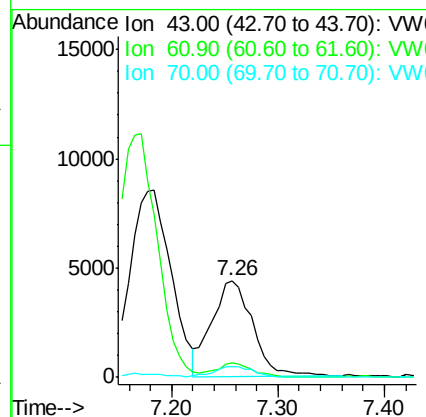
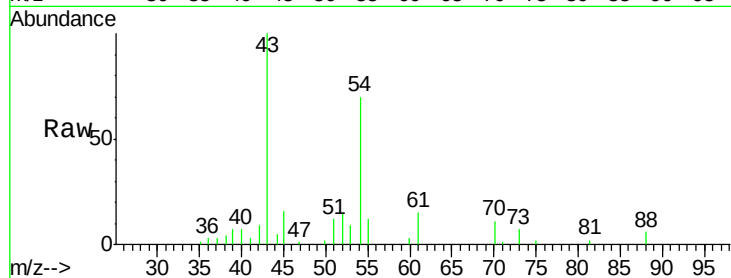
ClientSampled :

VW0109SBS02

Tot Ion:	43	Resp:	11690
Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.6	16.0
70	11.1	8.9	13.3

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 21.310 ug/l

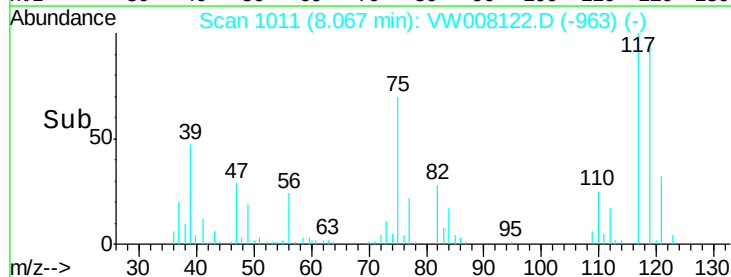
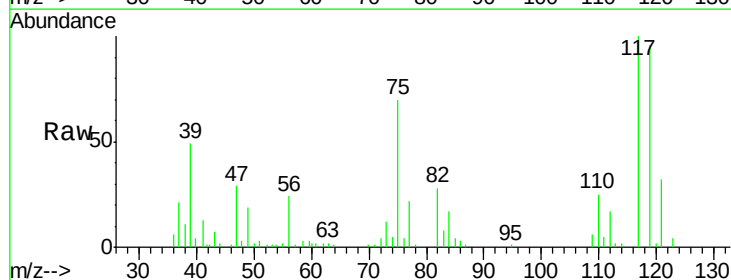
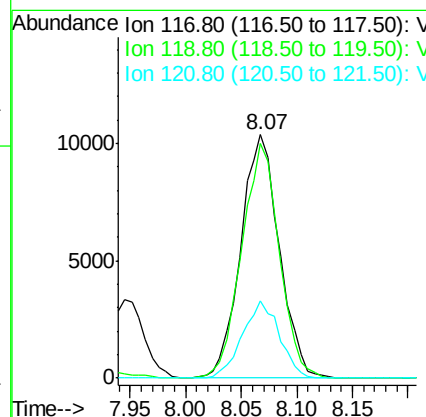
RT: 8.07 min Scan# 1011

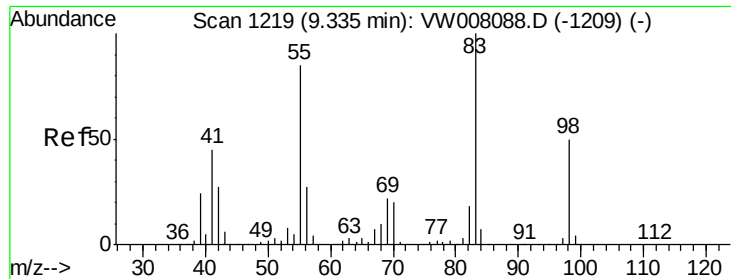
Delta R.T. -0.01 min

Lab File: VW008122.D

Acq: 10 Jan 2019 01:25

Tgt Ion:	117	Resp:	24943
Ion	Ratio	Lower	Upper
117	100		
119	96.4	75.8	113.8
121	31.7	23.7	35.5





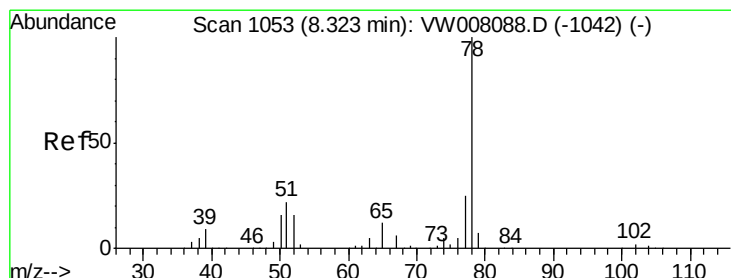
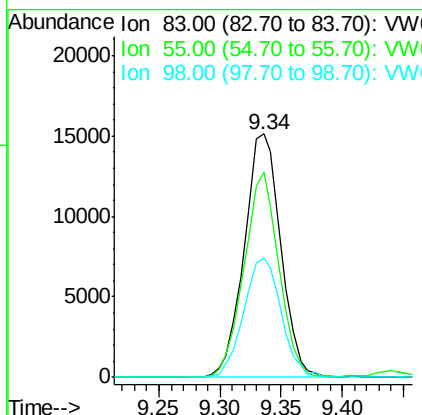
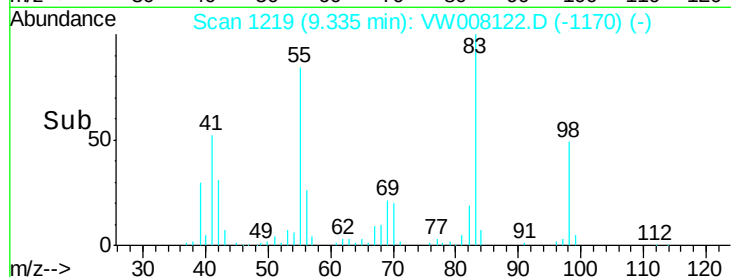
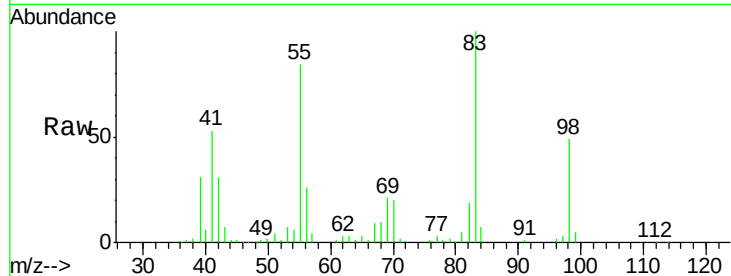
#39
Methylvlcyclohexane
Concen: 19.402 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW008122.D
Acq: 10 Jan 2019 01:25

Instrument :
MSVOA_W
ClientSampleId :
VW0109SBS02

Tot Ion	83	Resp	31460
Ion Ratio	100	Lower	Upper
83	100		
55	84.3	67.8	101.6
98	48.9	40.2	60.4

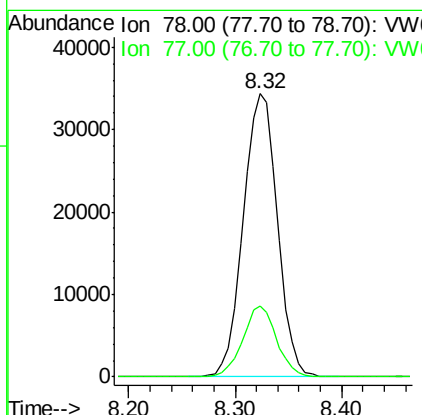
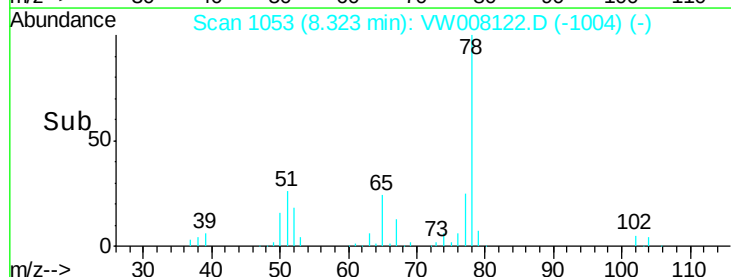
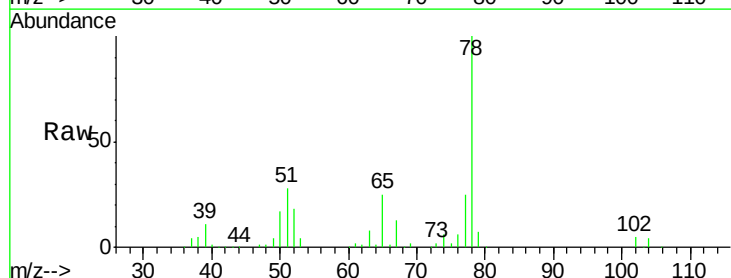
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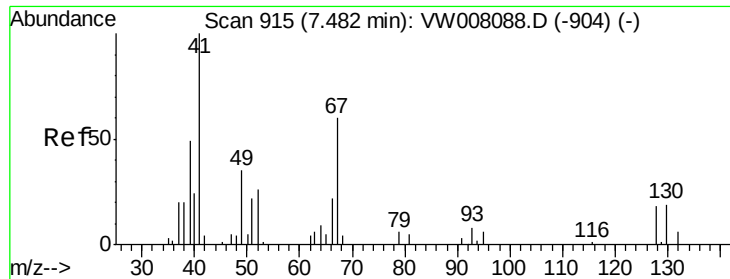
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#40
Benzene
Concen: 22.293 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW008122.D
Acq: 10 Jan 2019 01:25

Tgt Ion	78	Resp	77325
Ion Ratio	100	Lower	Upper
78	100		
77	24.9	20.2	30.4





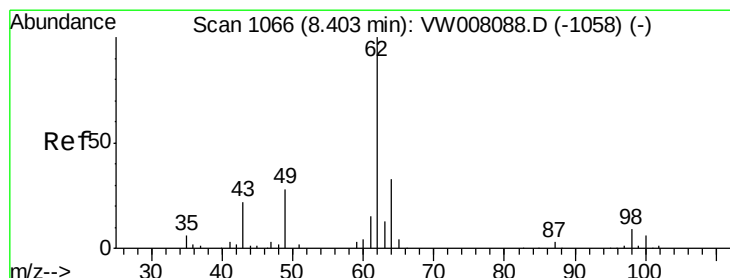
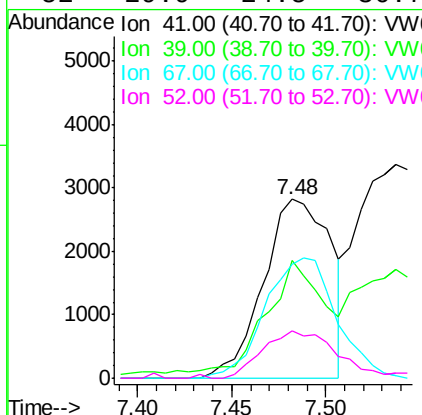
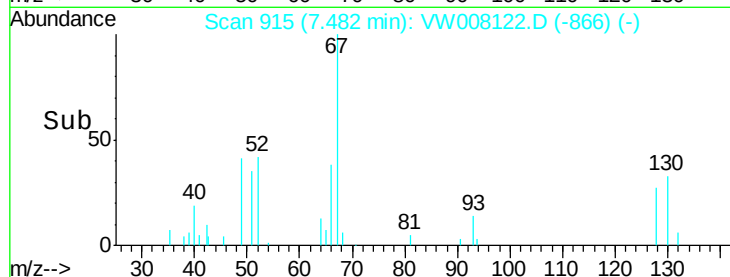
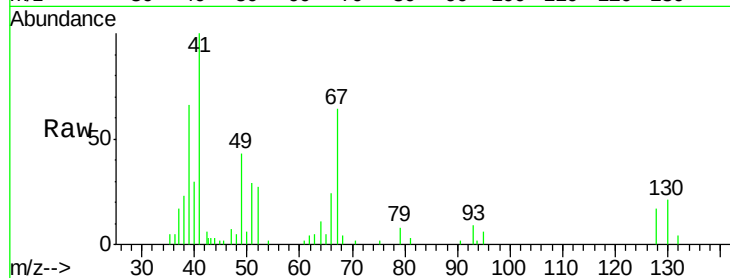
#41
Methacrylonitrile
Concen: 21.629 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW008122.D
Acq: 10 Jan 2019 01:25

Instrument :
MSVOA_W
ClientSampleId :
VW0109SBS02

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.9	47.9	71.9	
67	70.6	56.3	84.5	
52	29.9	24.5	36.7	

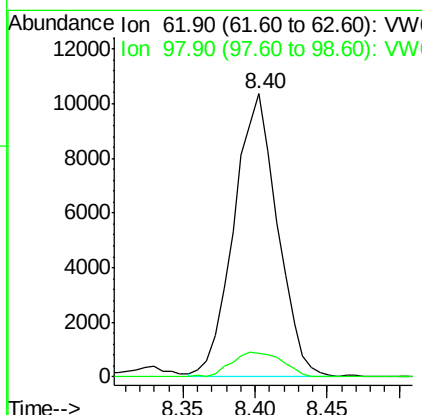
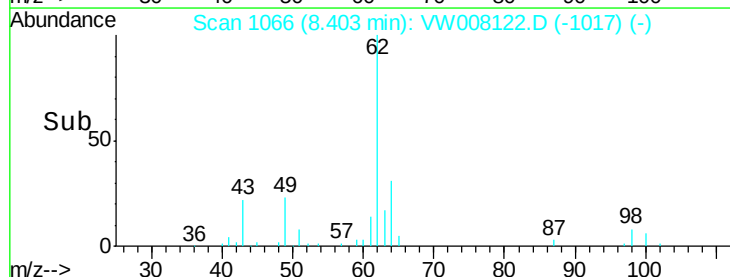
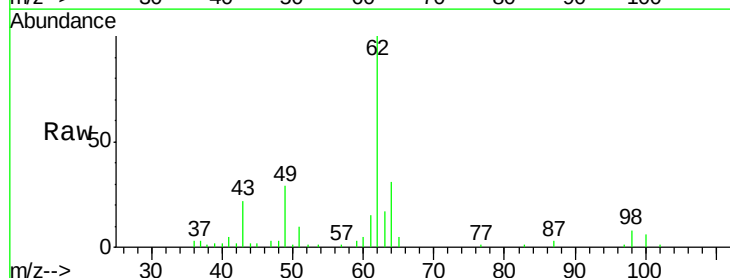
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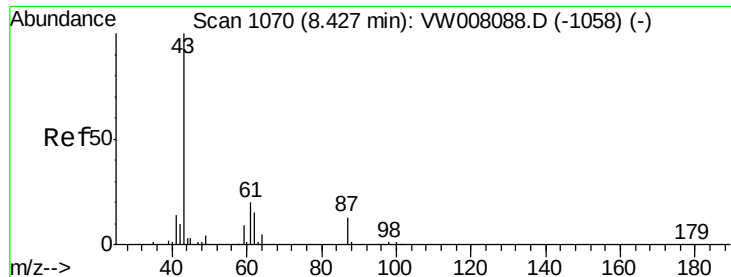
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#42
1,2-Dichloroethane
Concen: 22.338 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW008122.D
Acq: 10 Jan 2019 01:25

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.2	0.0	18.6	





#43

Isopropyl Acetate

Concen: 22.439 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW008122.D

Acq: 10 Jan 2019 01:25

Instrument :

MSVOA_W

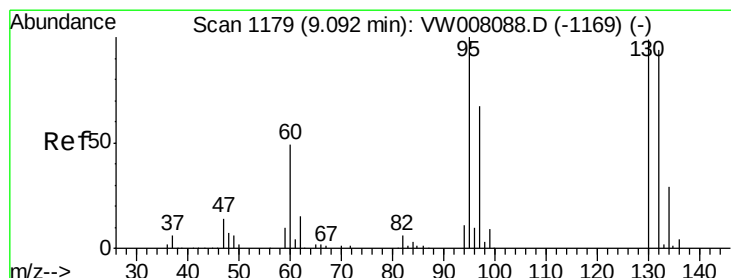
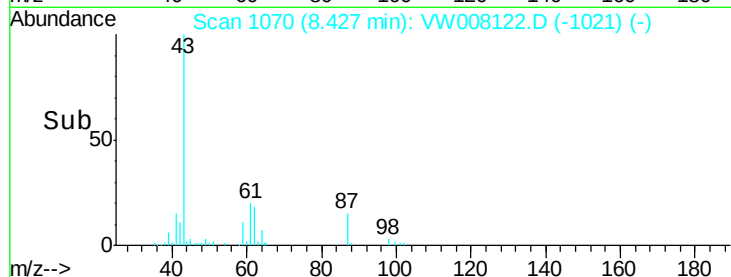
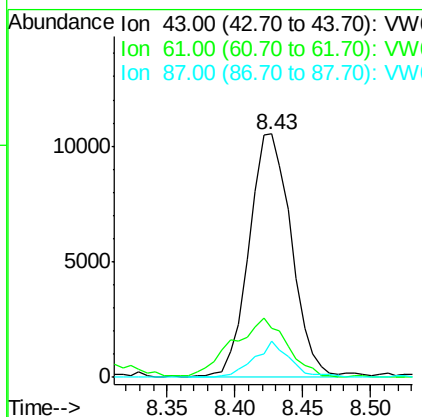
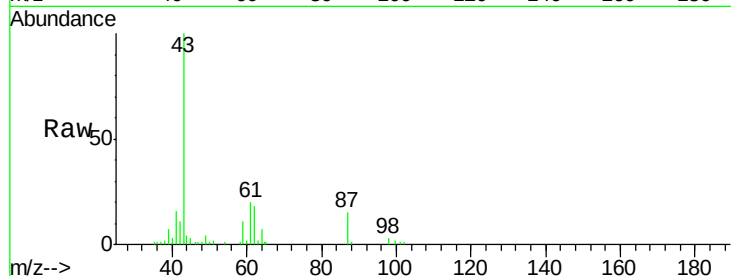
ClientSampleId :

VW0109SBS02

Tot Ion:	43	Resp:	22985
Ion	Ratio	Lower	Upper
43	100		
61	31.2	24.8	37.2
87	12.6	10.4	15.6

Manual Integrations
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#44

Trichloroethene

Concen: 22.188 ug/l

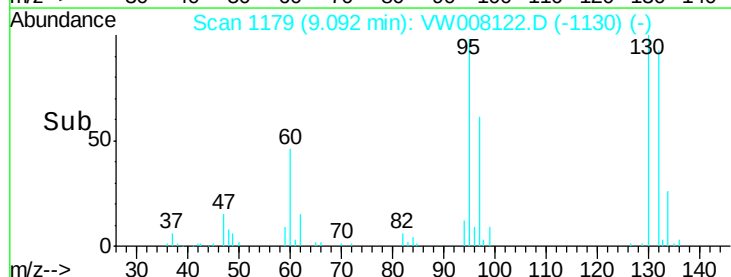
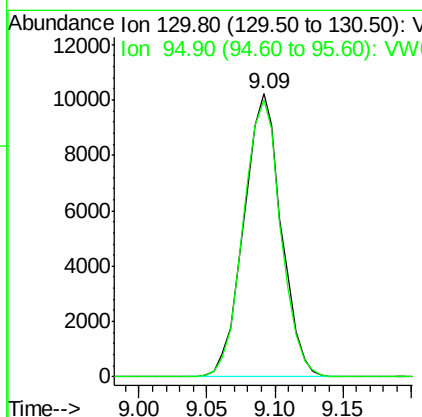
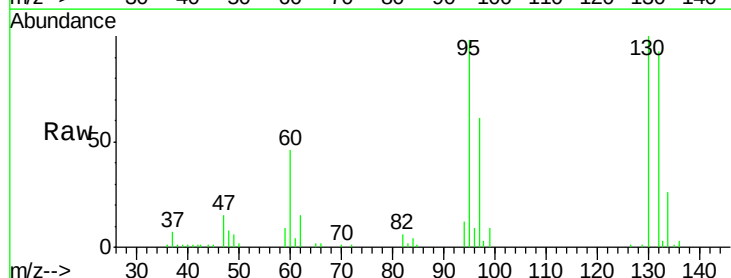
RT: 9.09 min Scan# 1179

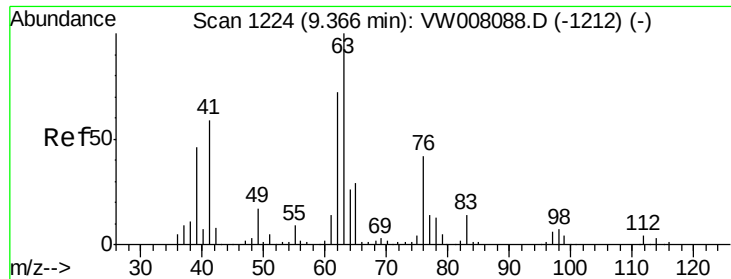
Delta R.T. -0.00 min

Lab File: VW008122.D

Acq: 10 Jan 2019 01:25

Tgt Ion:	130	Resp:	19701
Ion	Ratio	Lower	Upper
130	100		
95	97.7	0.0	202.8





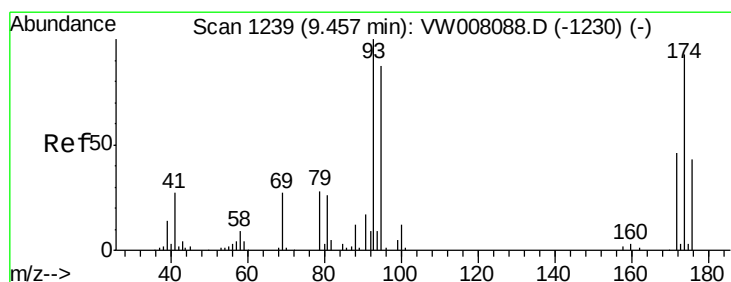
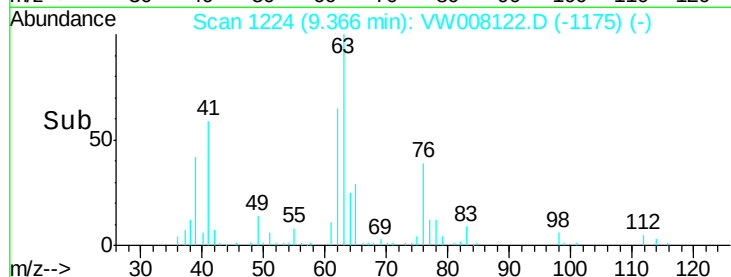
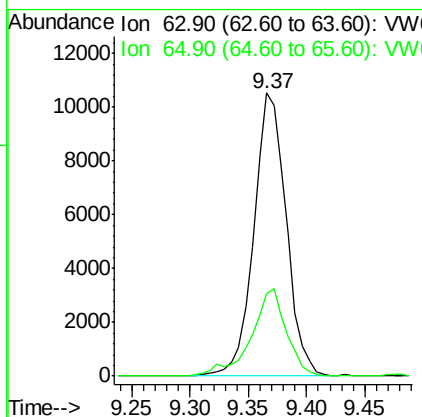
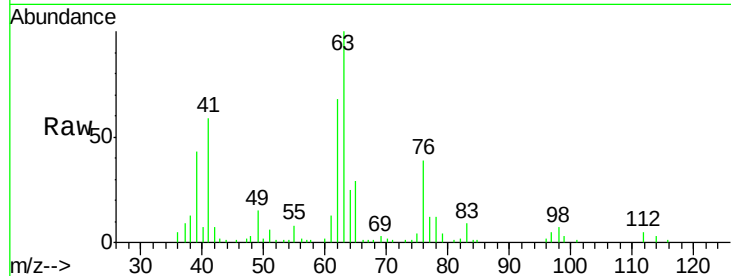
#45
 1,2-Dichloropropane
 Concen: 23.730 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW008122.D
 Acq: 10 Jan 2019 01:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0109SBS02

Tot Ion: 63 Resp: 20409
 Ion Ratio Lower Upper
 63 100
 65 29.3 23.3 34.9

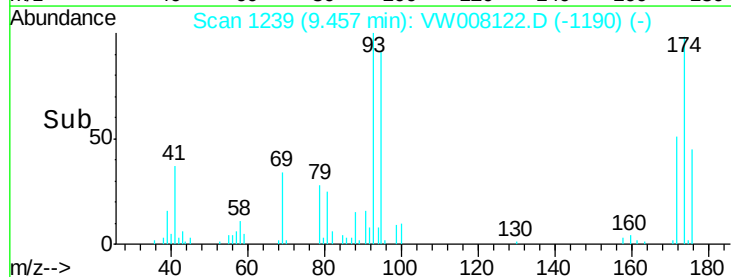
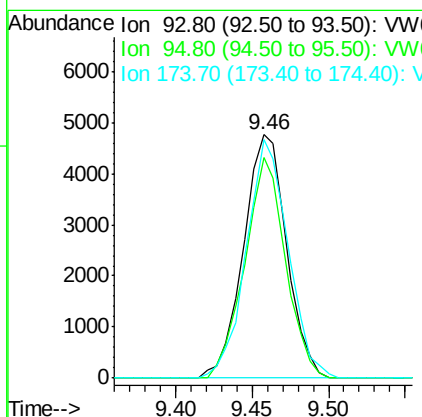
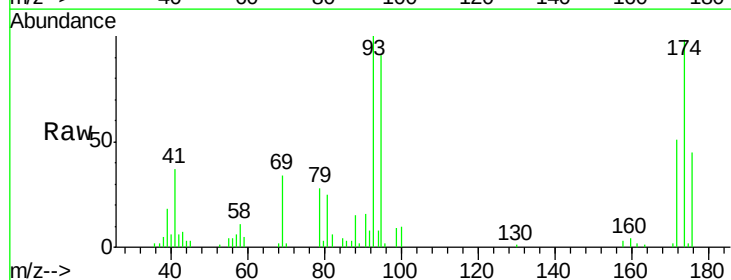
Manual Integrations
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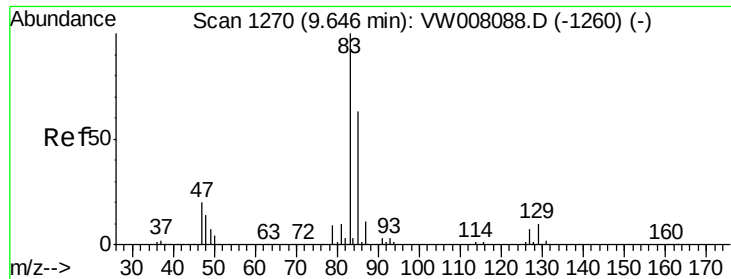
MMDadoda
 1/10/2019 5:06:23 PM



#46
 Dibromomethane
 Concen: 22.073 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW008122.D
 Acq: 10 Jan 2019 01:25

Tgt Ion: 93 Resp: 9323
 Ion Ratio Lower Upper
 93 100
 95 85.5 67.5 101.3
 174 95.2 72.5 108.7





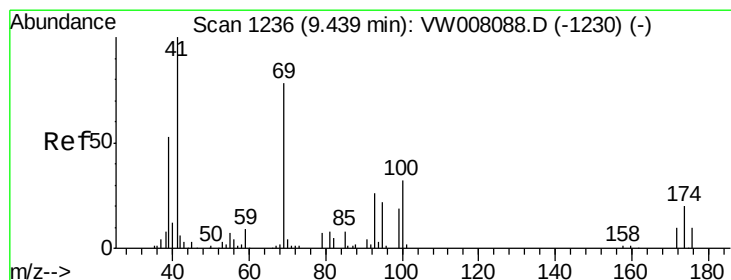
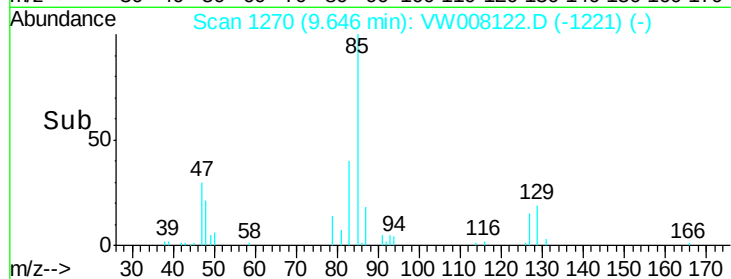
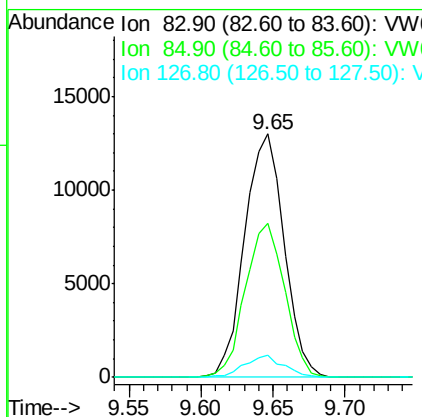
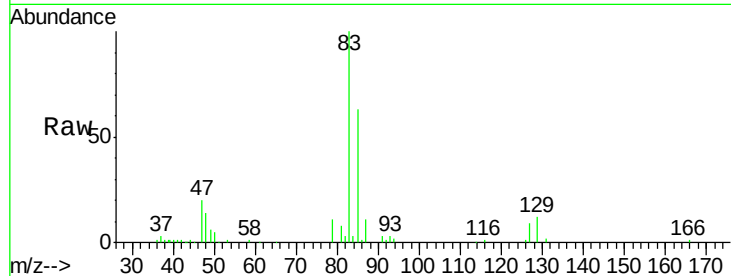
#47
Bromodichloromethane
Concen: 22.978 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VW008122.D
Acq: 10 Jan 2019 01:25

Instrument :
MSVOA_W
ClientSampleId :
VW0109SBS02

Tot Ion	Ratio	Lower	Upper
83	100		
85	63.0	50.7	76.1
127	9.3	6.0	9.0#

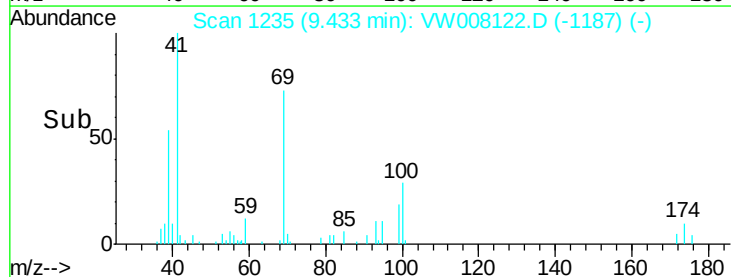
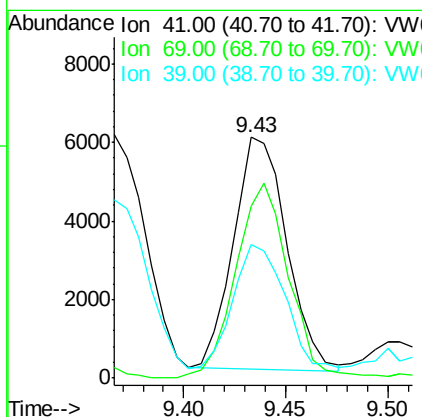
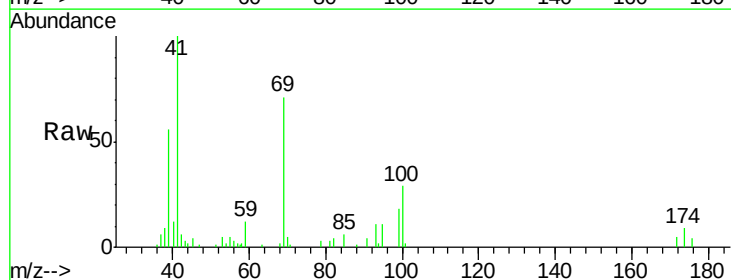
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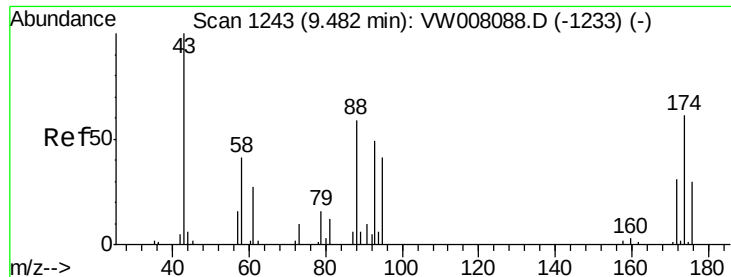
MMDadoda
1/10/2019 5:06:23 PM



#48
Methyl methacrylate
Concen: 22.081 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VW008122.D
Acq: 10 Jan 2019 01:25

Tgt Ion	Ratio	Lower	Upper
41	100		
69	84.0	61.9	92.9
39	58.9	43.0	64.4





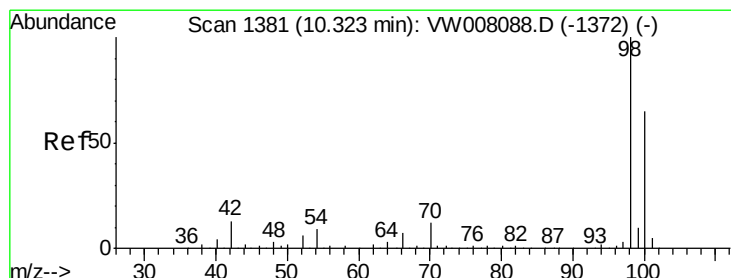
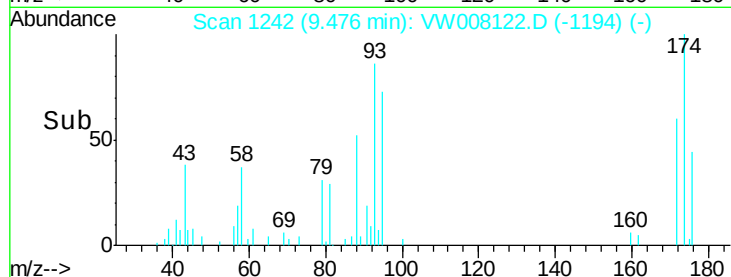
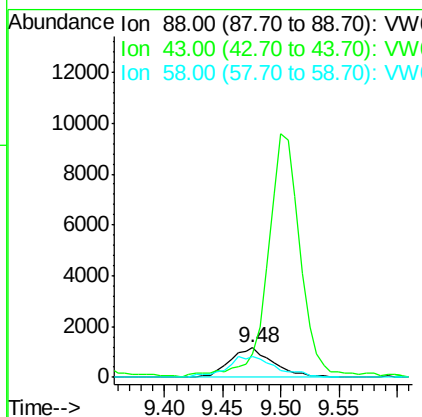
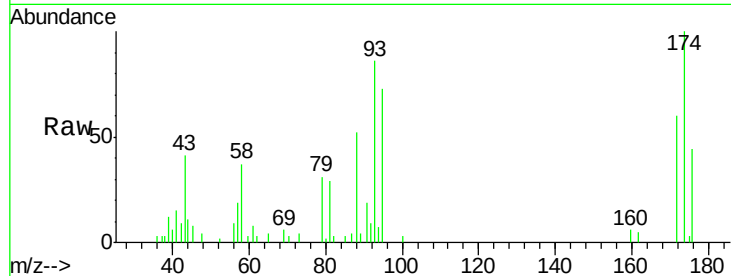
#49
1,4-Dioxane
Concen: 441.957 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. -0.01 min
Lab File: VW008122.D
Acq: 10 Jan 2019 01:25

Instrument :
MSVOA_W
ClientSampleId :
VW0109SBS02

Tot Ion	88	Resp	3002
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	79.2	61.7	92.5

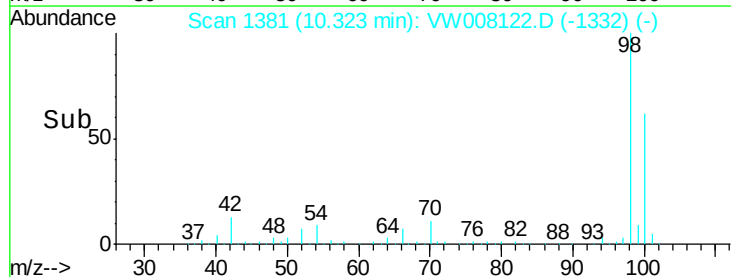
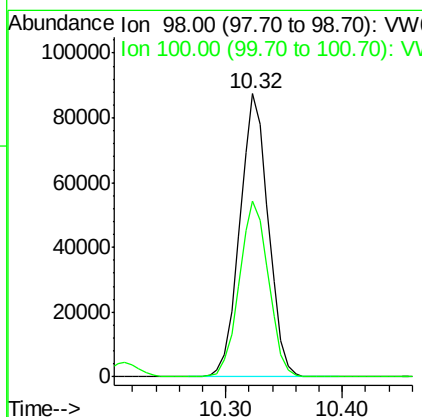
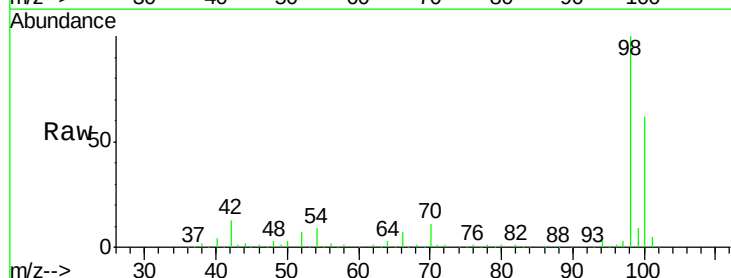
Manual Integrations
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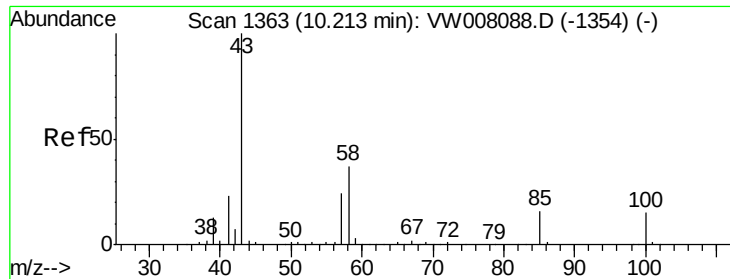
MMDadoda
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#50
Toluene-d8
Concen: 49.015 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008122.D
Acq: 10 Jan 2019 01:25

Tgt Ion	98	Resp	148929
Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 113.268 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW008122.D

Acq: 10 Jan 2019 01:25

Instrument :

MSVOA_W

ClientSampleId :

VW0109SBS02

Tot Ion: 43 Resp: 56163

Ion Ratio Lower Upper

43 100

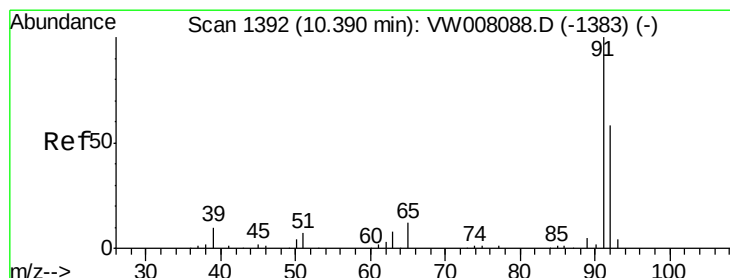
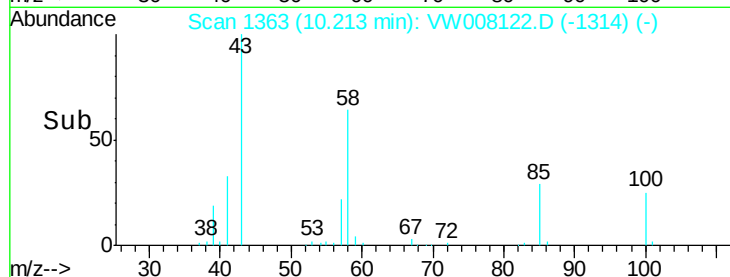
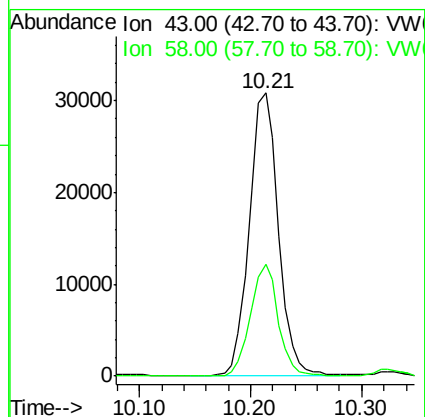
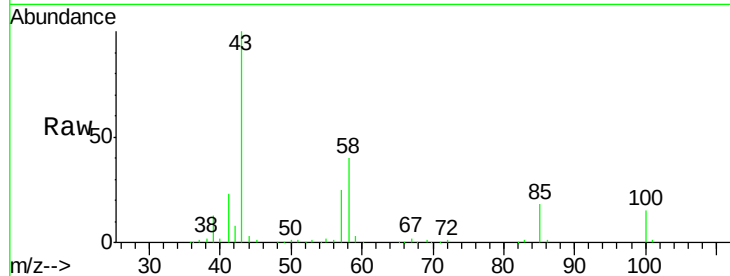
58 37.9 30.6 46.0

Manual Integrations

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#52

Toluene

Concen: 22.347 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW008122.D

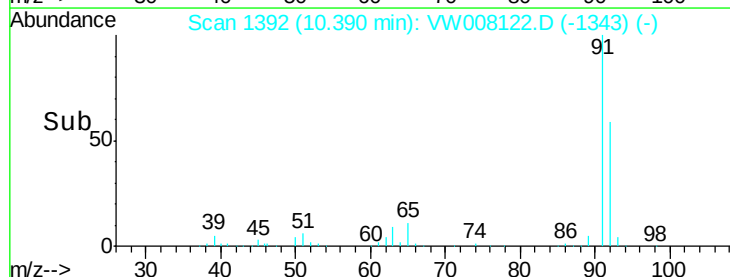
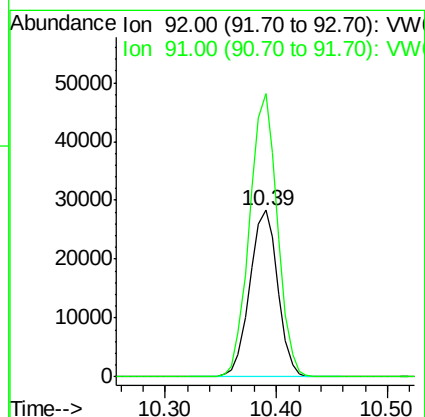
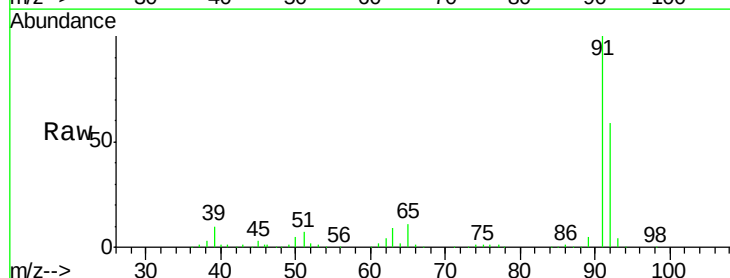
Acq: 10 Jan 2019 01:25

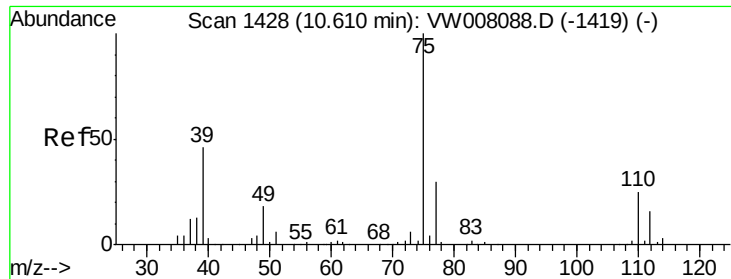
Tgt Ion: 92 Resp: 49502

Ion Ratio Lower Upper

92 100

91 168.9 137.0 205.4





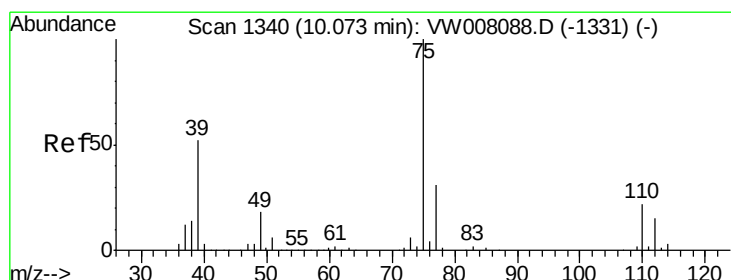
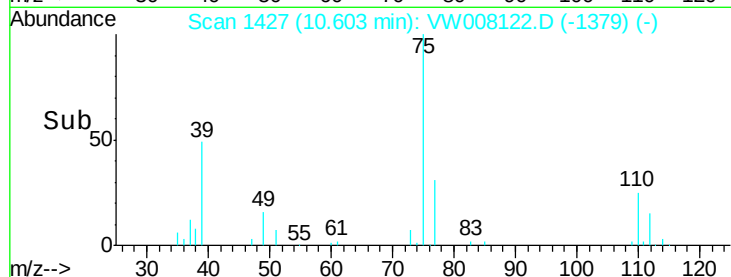
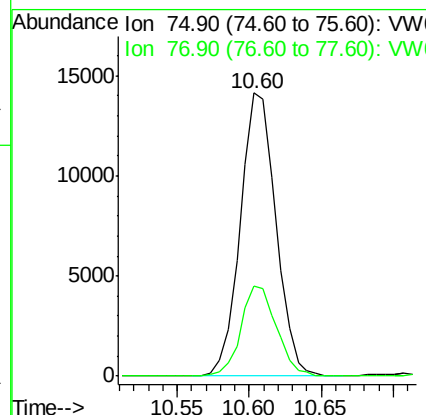
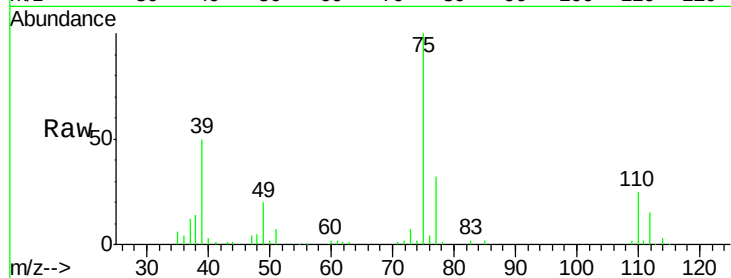
#53
t-1,3-Dichloropropene
Concen: 21.712 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. -0.01 min
Lab File: VW008122.D
Acq: 10 Jan 2019 01:25

Instrument :
MSVOA_W
ClientSampleId :
VW0109SBS02

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.6	24.4	36.6

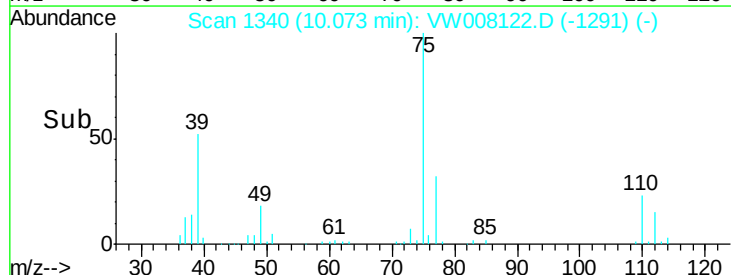
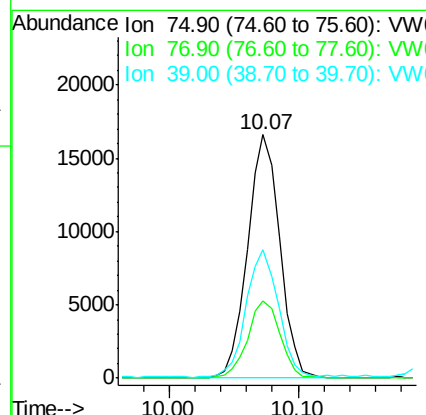
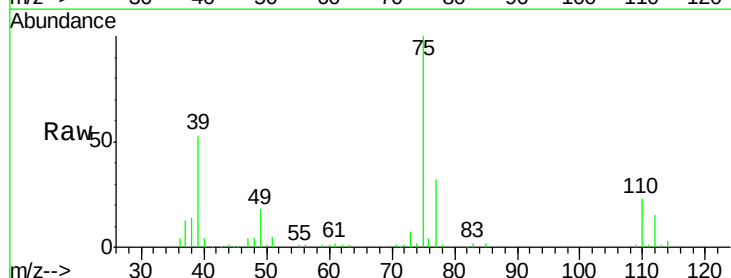
Manual Integrations
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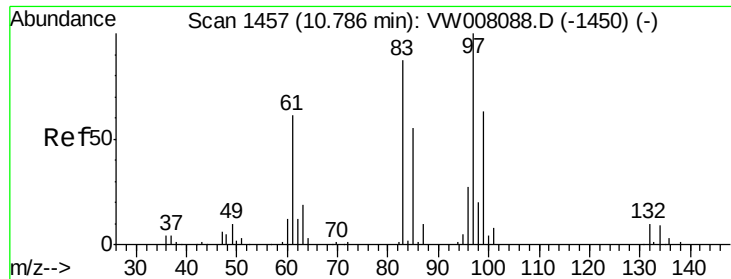
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 21.611 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW008122.D
Acq: 10 Jan 2019 01:25

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.2	37.8
39	52.7	41.4	62.0





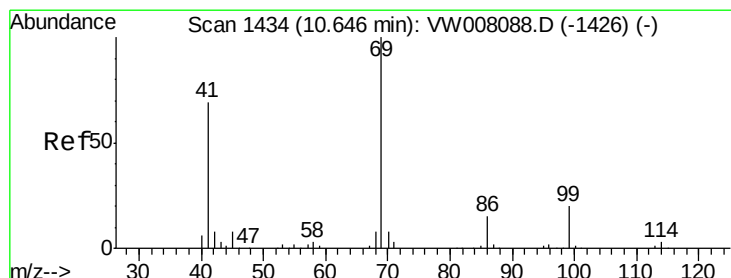
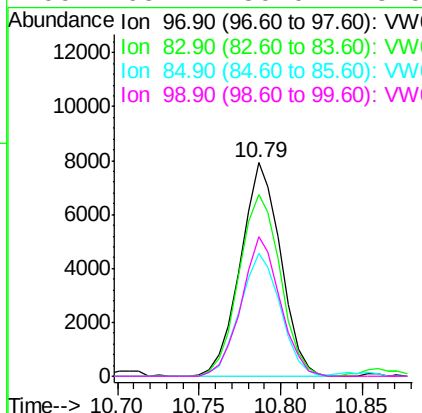
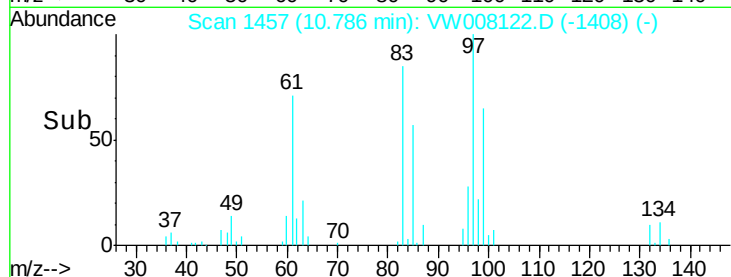
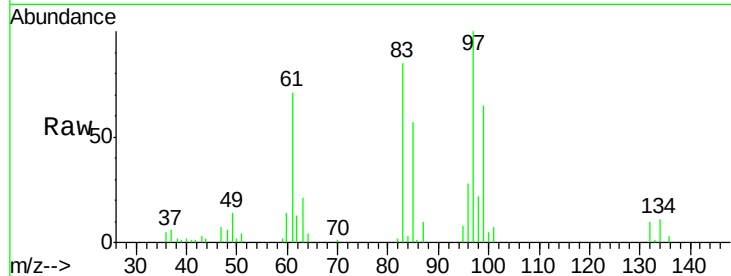
#55
 1,1,2-Trichloroethane
 Concen: 22.843 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW008122.D
 Acq: 10 Jan 2019 01:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0109SBS02

Tot Ion:	97	Resp:	13546
Ion	Ratio	Lower	Upper
97	100		
83	85.1	69.3	103.9
85	57.4	43.8	65.6
99	65.2	50.0	75.0

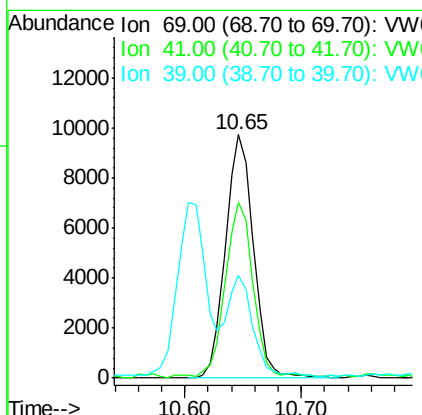
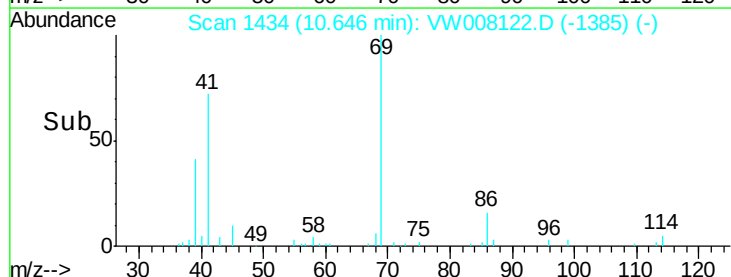
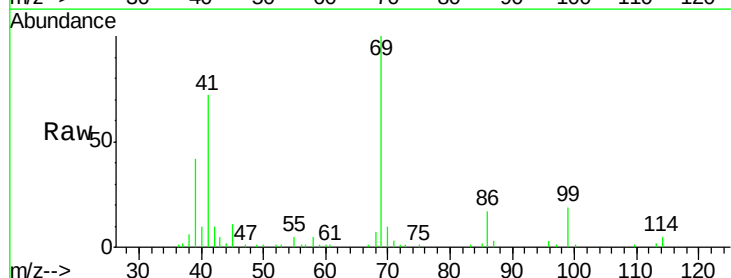
Manual Integrations
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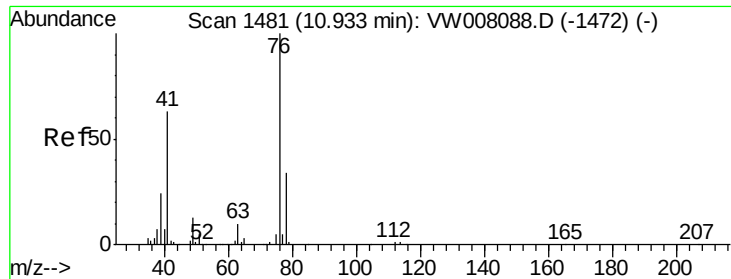
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#56
 Ethyl methacrylate
 Concen: 22.051 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW008122.D
 Acq: 10 Jan 2019 01:25

Tgt Ion:	69	Resp:	16194
Ion	Ratio	Lower	Upper
69	100		
41	74.0	56.4	84.6
39	38.5	28.1	42.1





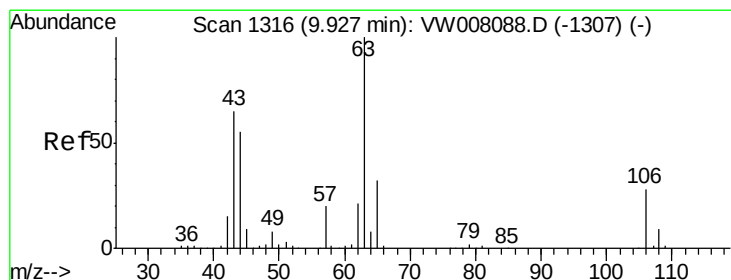
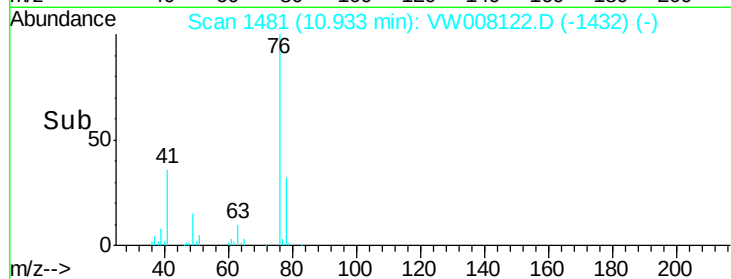
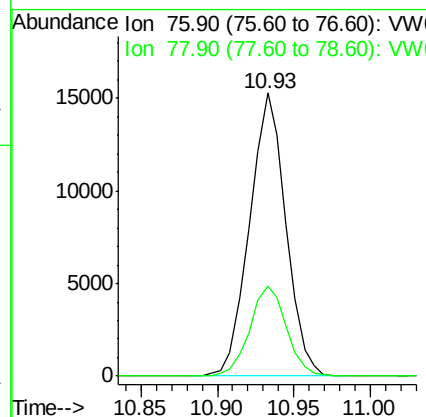
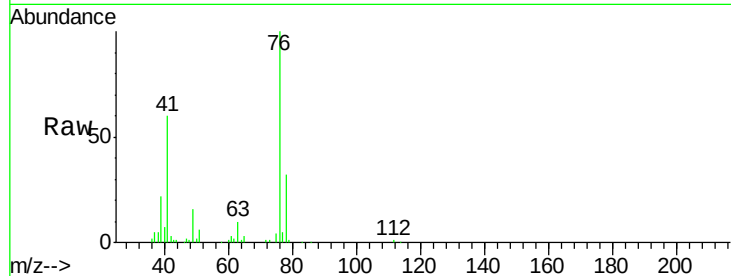
#57
 1,3-Dichloropropane
 Concen: 23.211 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW008122.D
 Acq: 10 Jan 2019 01:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0109SBS02

Tot Ion: 76 Resp: 25173
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.7 38.5

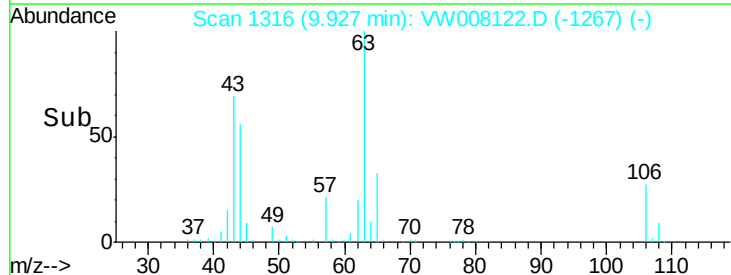
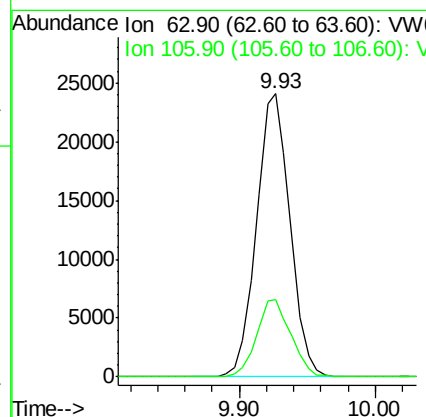
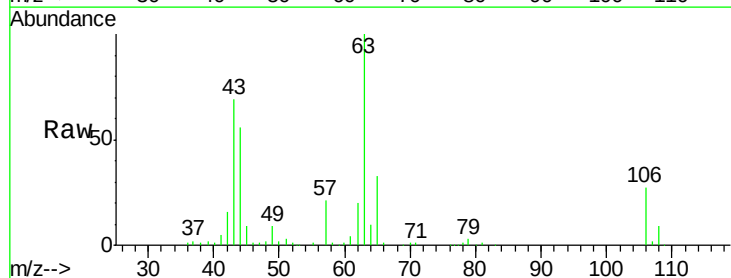
Manual Integrations
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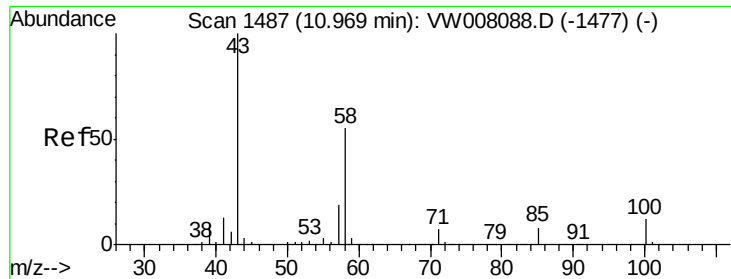
MMDadoda
 1/10/2019 5:06:23 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 109.606 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW008122.D
 Acq: 10 Jan 2019 01:25

Tgt Ion: 63 Resp: 41579
 Ion Ratio Lower Upper
 63 100
 106 27.9 21.8 32.6





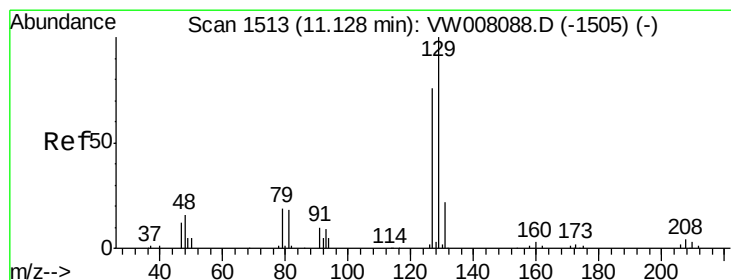
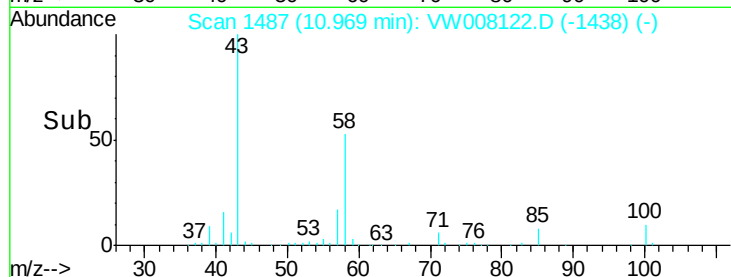
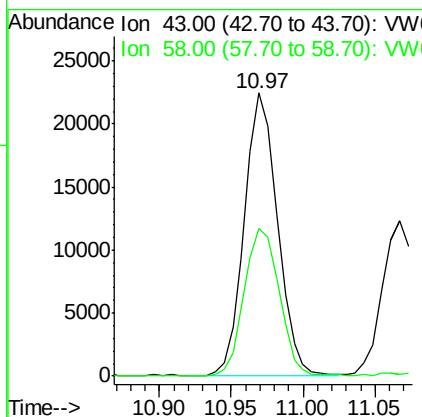
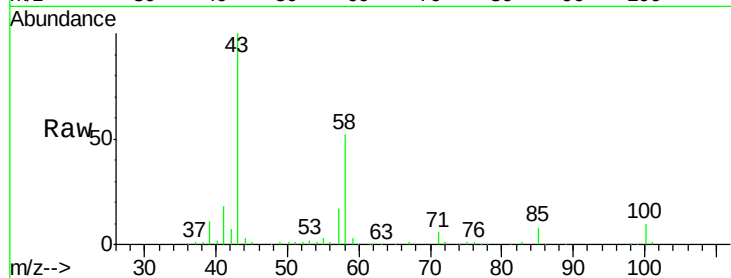
#59
2-Hexanone
Concen: 107.676 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW008122.D
Acq: 10 Jan 2019 01:25

Instrument :
MSVOA_W
ClientSampled :
VW0109SBS02

Tot Ion: 43 Resp: 36105
Ion Ratio Lower Upper
43 100
58 55.2 27.2 81.5

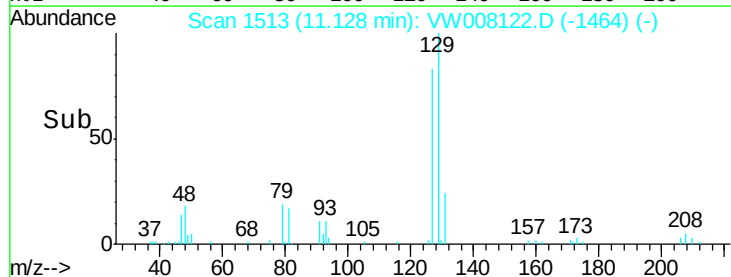
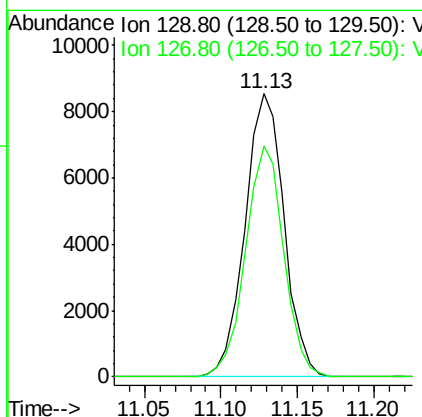
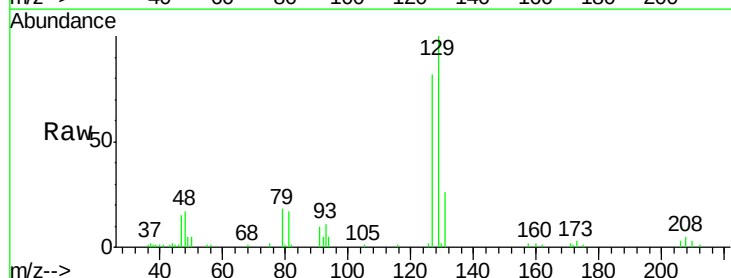
Manual Integrations
APPROVED

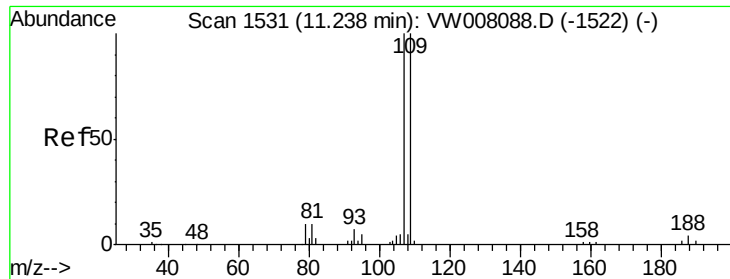
MMDadoda
1/10/2019 5:06:23 PM



#60
Dibromochloromethane
Concen: 23.227 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW008122.D
Acq: 10 Jan 2019 01:25

Tgt Ion: 129 Resp: 15125
Ion Ratio Lower Upper
129 100
127 79.9 38.9 116.6





#61

1,2-Dibromoethane

Concen: 23.382 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW008122.D

Acq: 10 Jan 2019 01:25

Instrument :

MSVOA_W

ClientSampleId :

VW0109SBSD02

Tot Ion:107 Resp: 13157

Ion Ratio Lower Upper

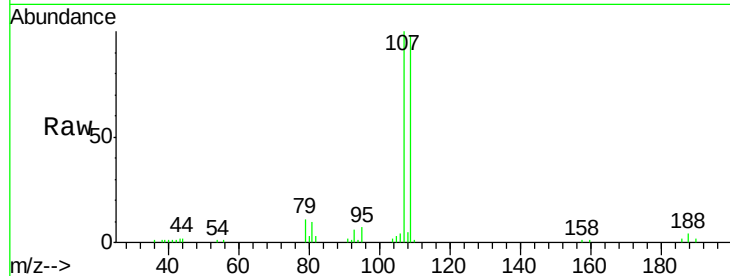
107 100

109 93.1 75.9 113.9

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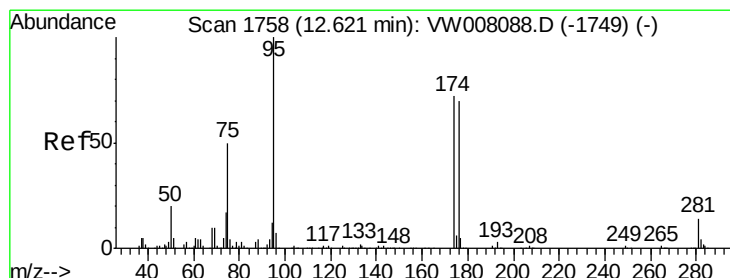
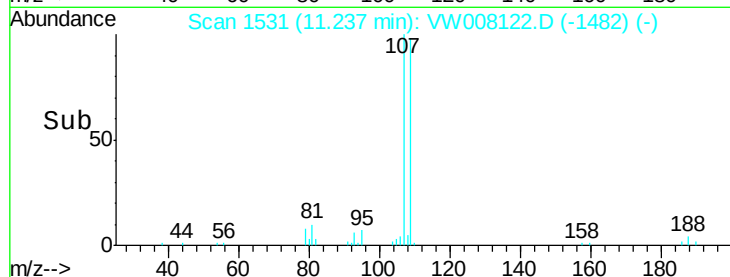
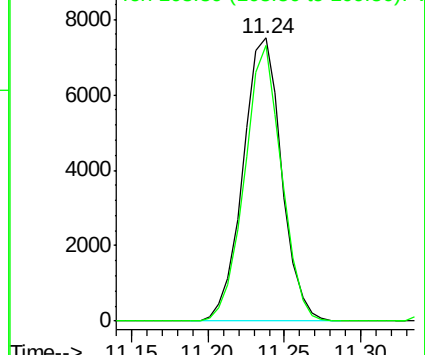
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.187 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008122.D

Acq: 10 Jan 2019 01:25

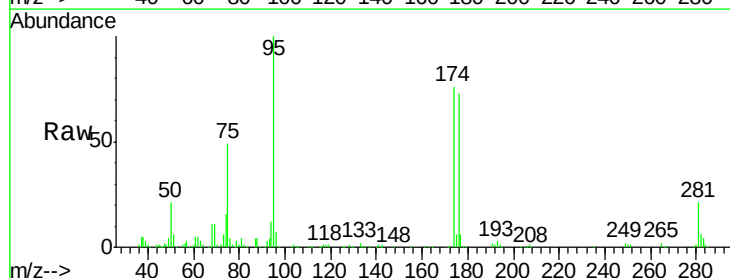
Tgt Ion: 95 Resp: 51400

Ion Ratio Lower Upper

95 100

174 75.5 0.0 143.0

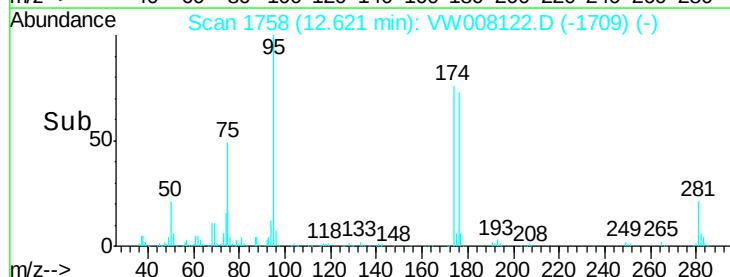
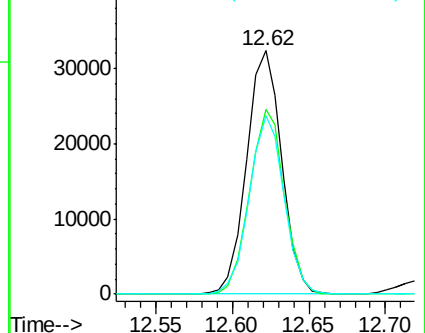
176 73.0 0.0 140.2

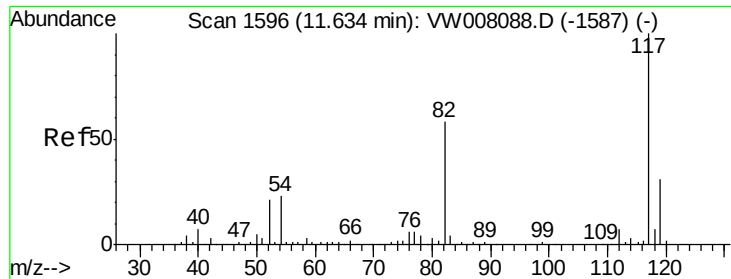


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





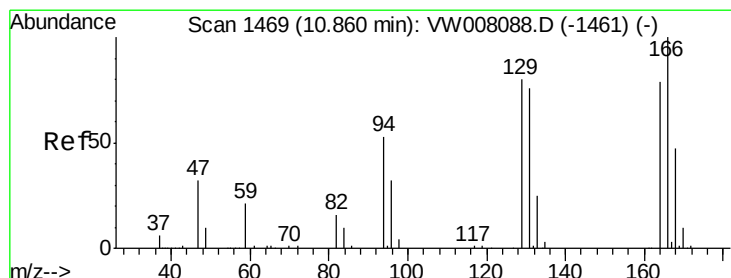
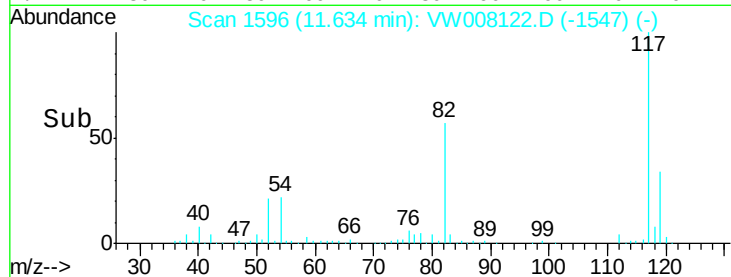
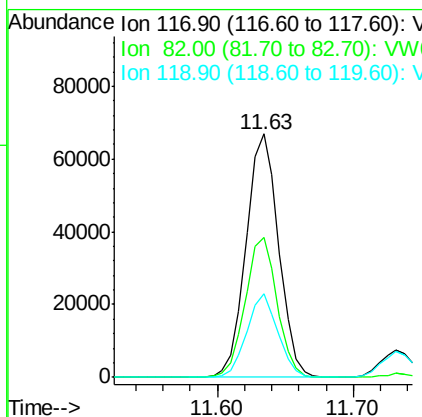
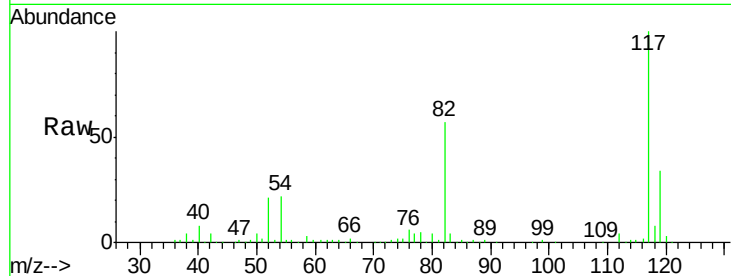
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008122.D
Acq: 10 Jan 2019 01:25

Instrument :
MSVOA_W
ClientSampleId :
VW0109SBSD02

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.4	46.4	69.6
119	34.1	24.7	37.1

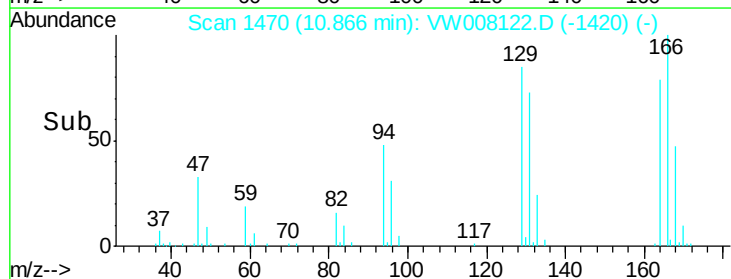
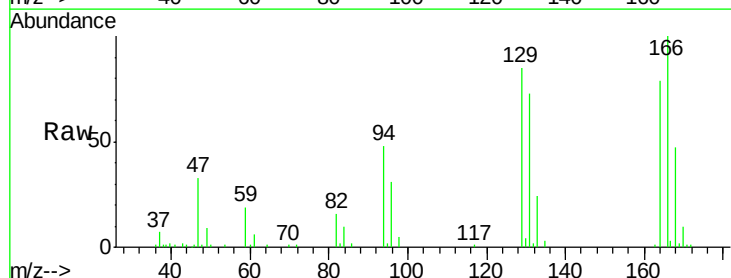
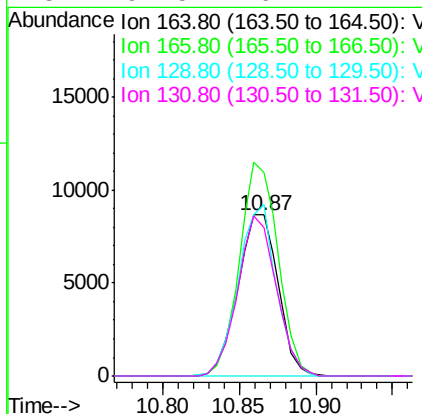
Manual Integrations
APPROVED

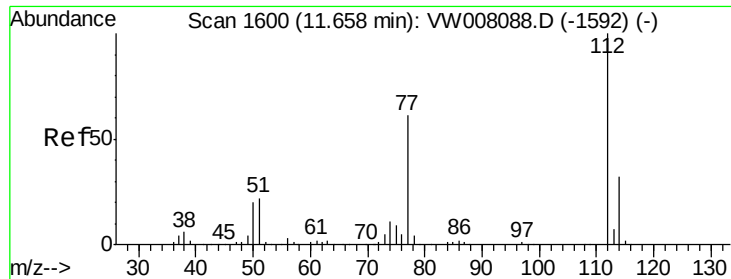
MMDadoda
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#64
Tetrachloroethene
Concen: 21.737 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW008122.D
Acq: 10 Jan 2019 01:25

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.1	100.7	151.1
129	106.7	81.0	121.4
131	92.5	76.1	114.1





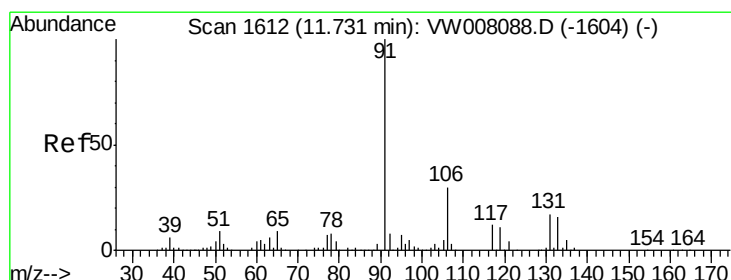
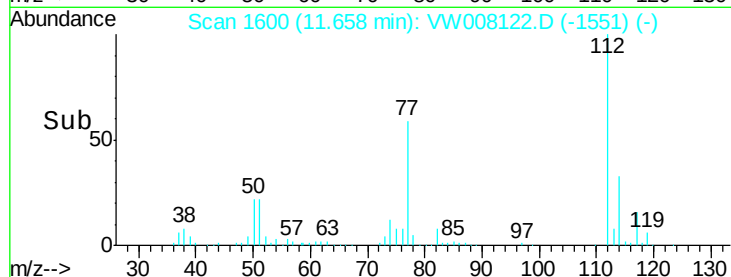
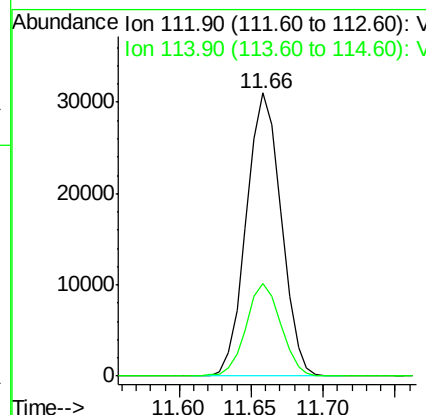
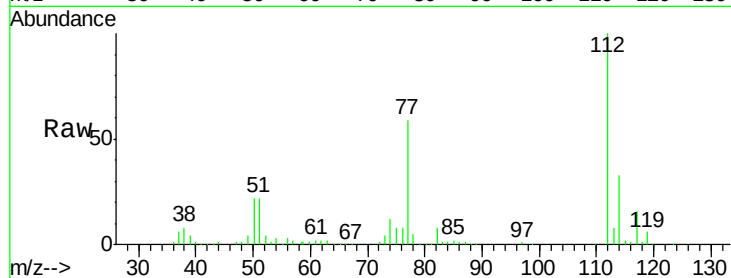
#65
Chlorobenzene
Concen: 21.956 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW008122.D
Acq: 10 Jan 2019 01:25

Instrument :
MSVOA_W
ClientSampleId :
VW0109SBSD02

Tot Ion:112 Resp: 52043
Ion Ratio Lower Upper
112 100
114 32.7 25.6 38.4

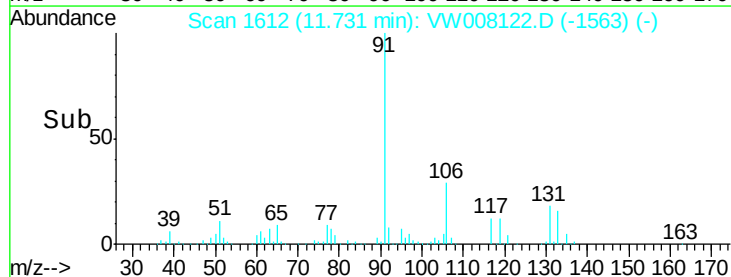
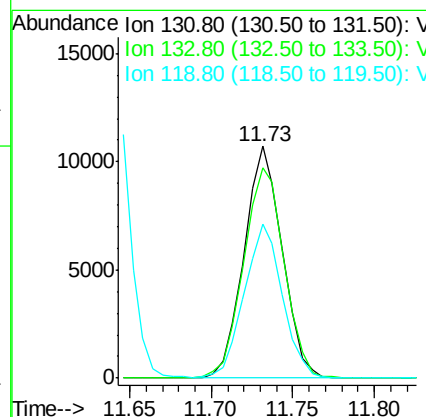
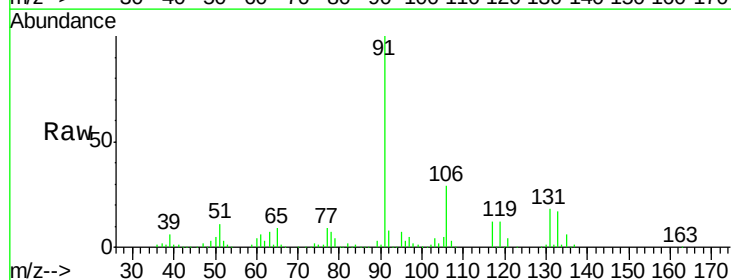
Manual Integrations
APPROVED

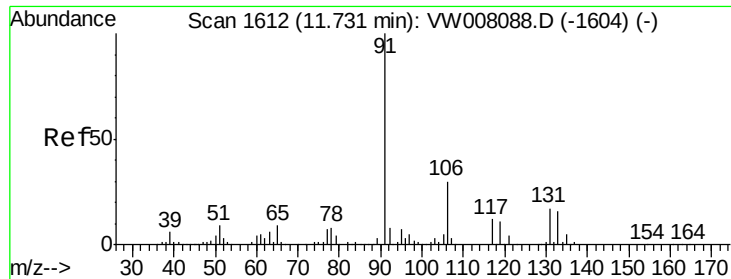
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#66
1,1,1,2-Tetrachloroethane
Concen: 22.579 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008122.D
Acq: 10 Jan 2019 01:25

Tgt Ion:131 Resp: 17408
Ion Ratio Lower Upper
131 100
133 96.5 47.9 143.7
119 66.8 32.5 97.4





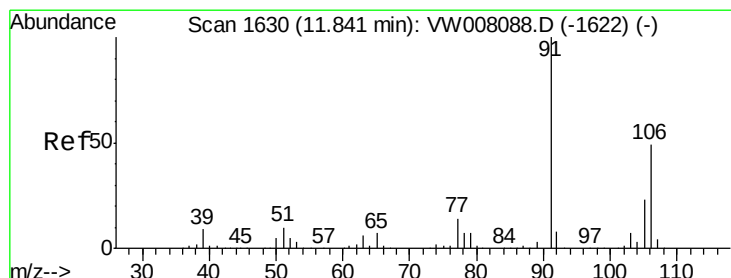
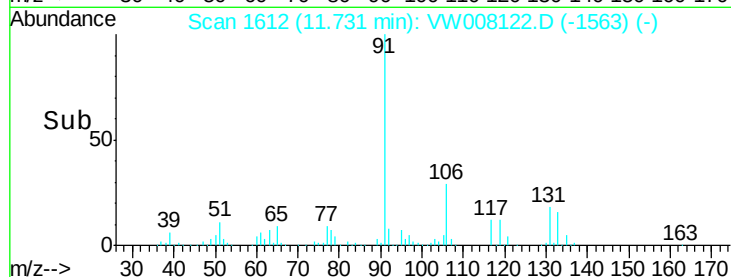
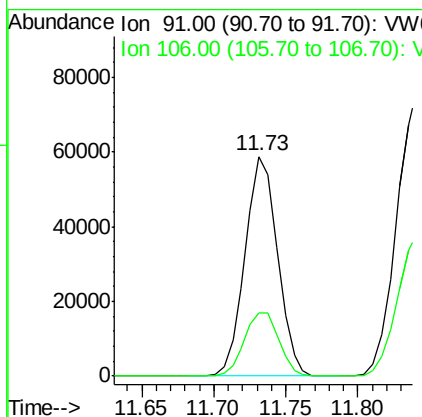
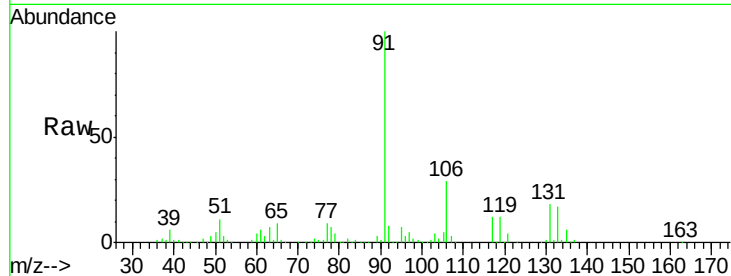
#67
Ethyl Benzene
Concen: 21.256 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008122.D
Acq: 10 Jan 2019 01:25

Instrument :
MSVOA_W
ClientSampleId :
VW0109SBS02

Tot Ion: 91 Resp: 92192
Ion Ratio Lower Upper
91 100
106 28.8 24.2 36.4

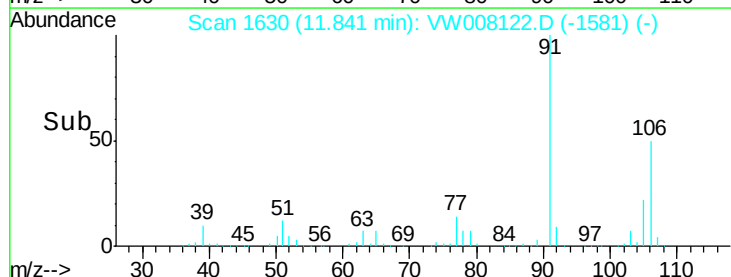
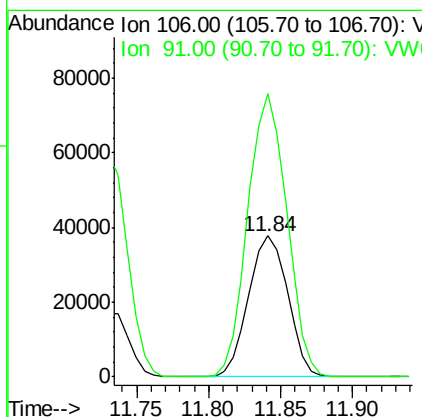
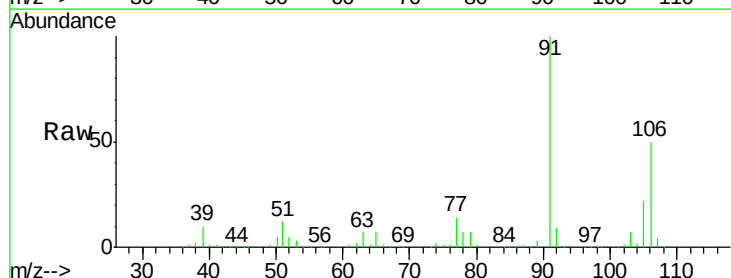
Manual Integrations
APPROVED

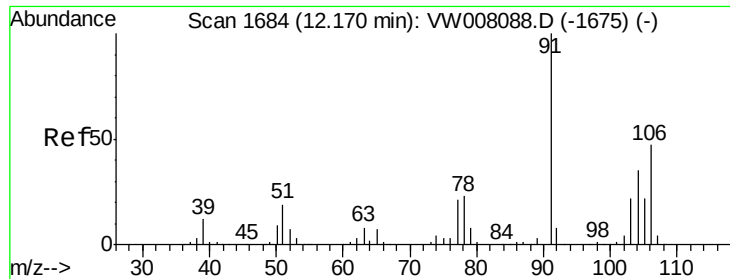
MMDadoda
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#68
m/p-Xylenes
Concen: 43.082 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW008122.D
Acq: 10 Jan 2019 01:25

Tgt Ion:106 Resp: 71319
Ion Ratio Lower Upper
106 100
91 200.3 162.4 243.6





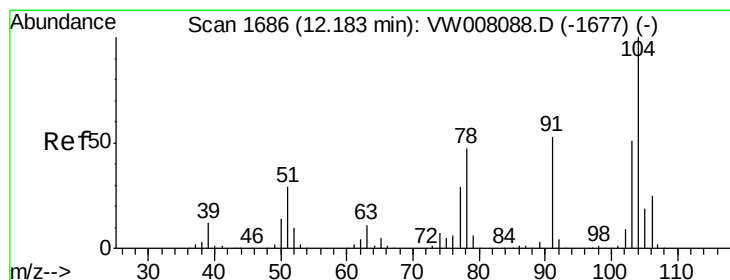
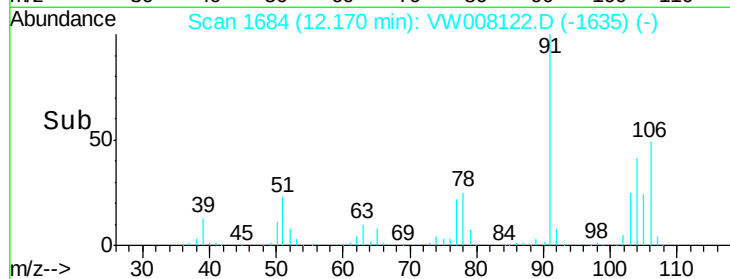
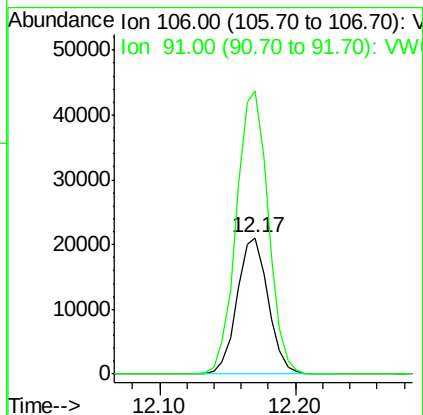
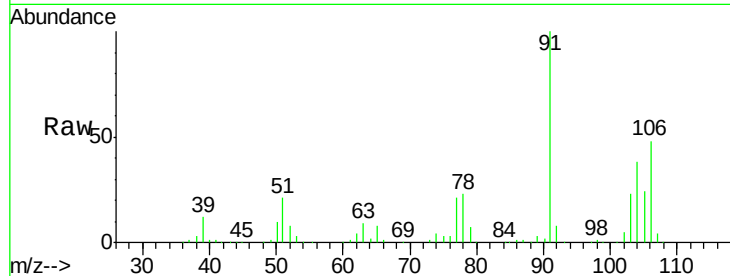
#69
o-Xylene
Concen: 21.803 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW008122.D
Acq: 10 Jan 2019 01:25

Instrument :
MSVOA_W
ClientSampleId :
VW0109SBS02

Tot Ion:106 Resp: 33424
Ion Ratio Lower Upper
106 100
91 213.7 107.8 323.6

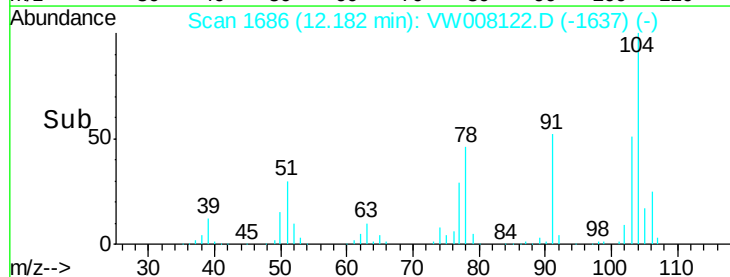
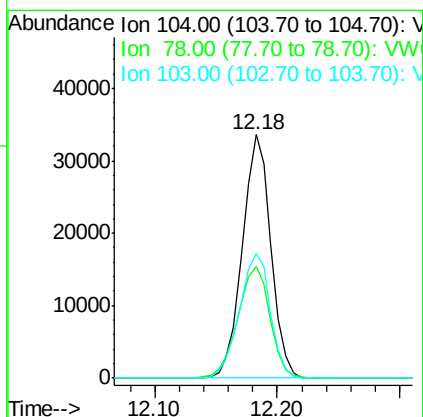
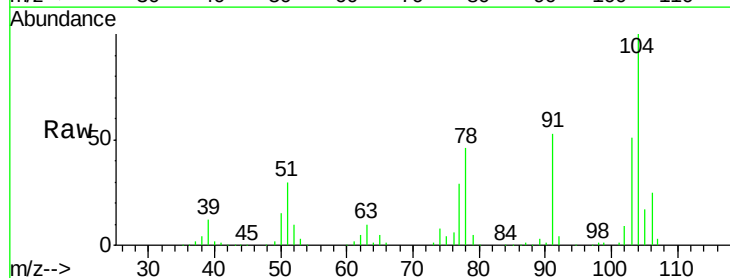
Manual Integrations
APPROVED

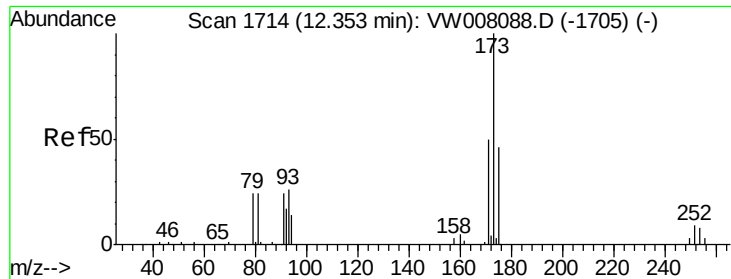
MMDadoda
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#70
Styrene
Concen: 22.581 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW008122.D
Acq: 10 Jan 2019 01:25

Tgt Ion:104 Resp: 54221
Ion Ratio Lower Upper
104 100
78 51.5 41.8 62.8
103 55.2 43.8 65.8





#71

Bromoform

Concen: 22.200 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: VW008122.D

Acq: 10 Jan 2019 01:25

Instrument :

MSVOA_W

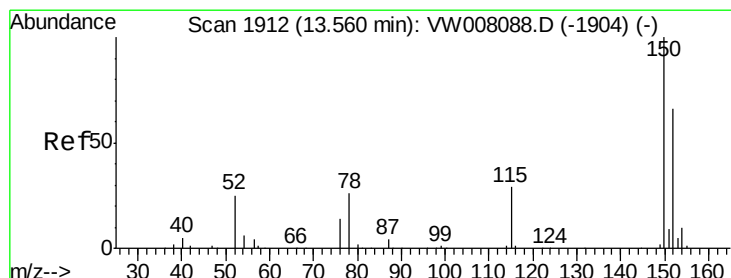
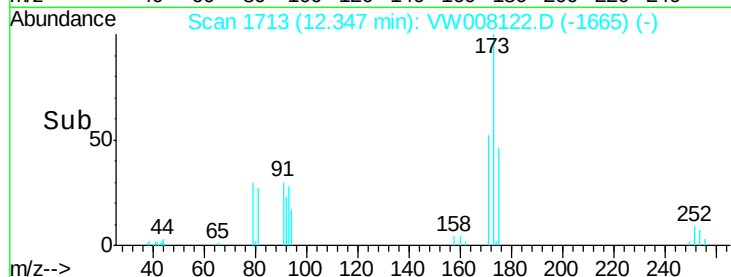
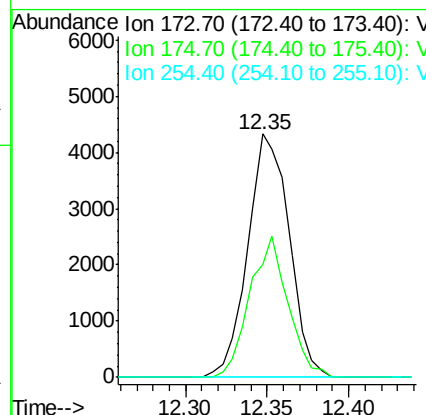
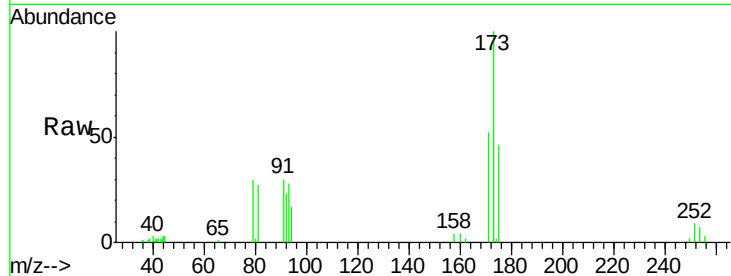
ClientSampleId :

VW0109SBS02

Tot Ion:	173	Resp:	7660
Ion Ratio	Lower	Upper	
173	100		
175	53.4	23.3	69.8
254	0.0	0.0	0.0

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

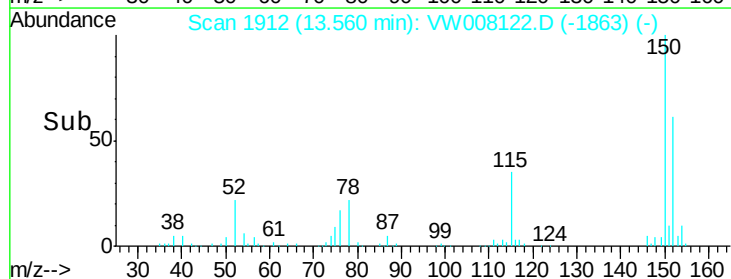
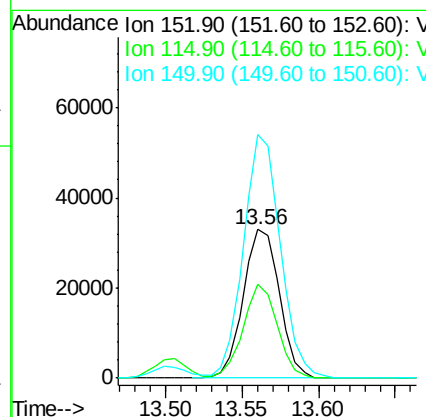
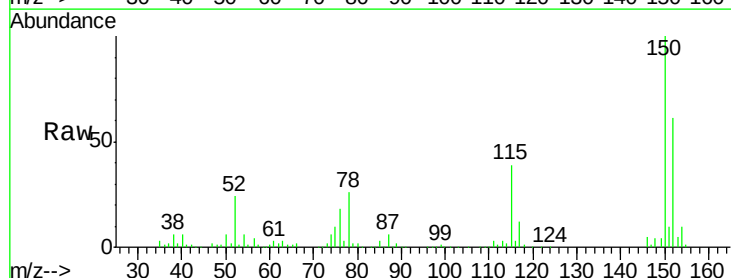
RT: 13.56 min Scan# 1912

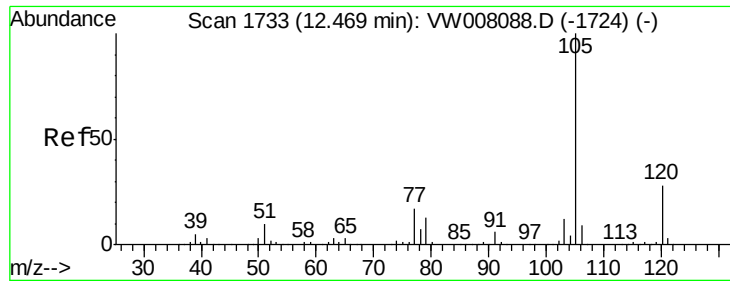
Delta R.T. -0.00 min

Lab File: VW008122.D

Acq: 10 Jan 2019 01:25

Tgt Ion:	152	Resp:	54247
Ion Ratio	Lower	Upper	
152	100		
115	59.6	30.8	92.4
150	166.9	0.0	350.2





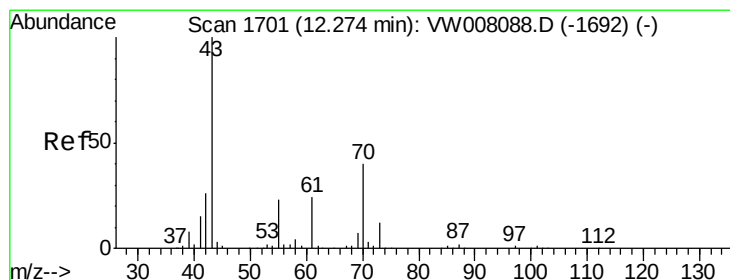
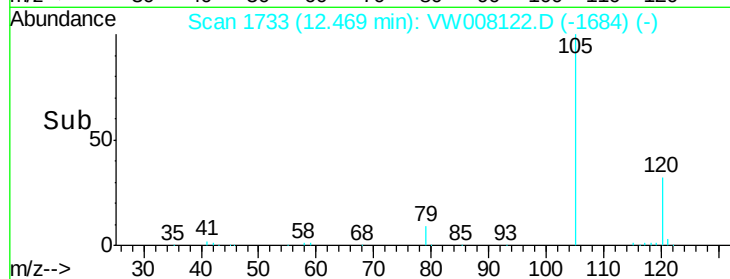
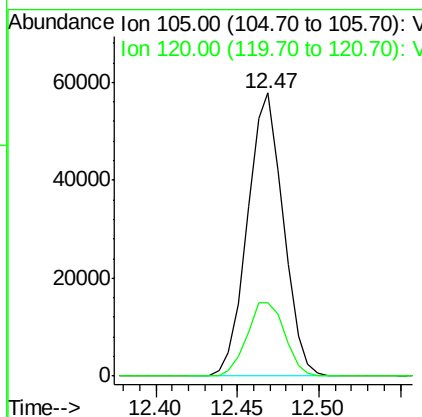
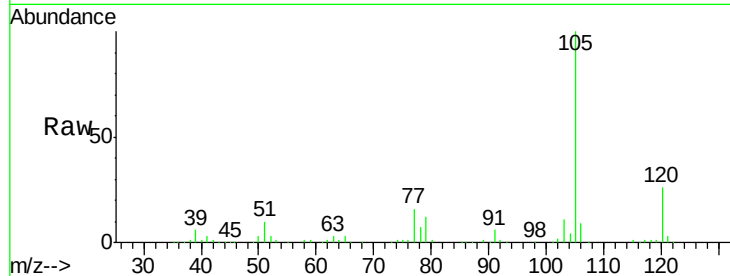
#73
Isopropylbenzene
Concen: 20.792 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW008122.D
Acq: 10 Jan 2019 01:25

Instrument :
MSVOA_W
ClientSampleId :
VW0109SBS02

Tot Ion: 105 Resp: 88549
Ion Ratio Lower Upper
105 100
120 27.6 13.6 40.8

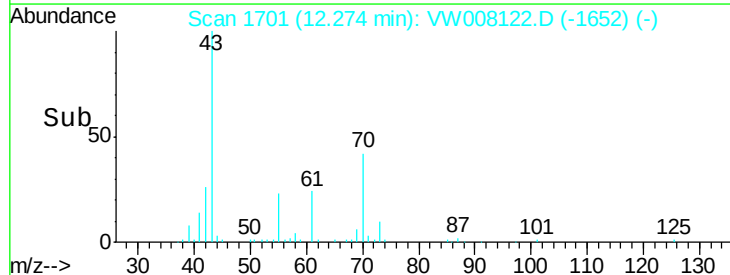
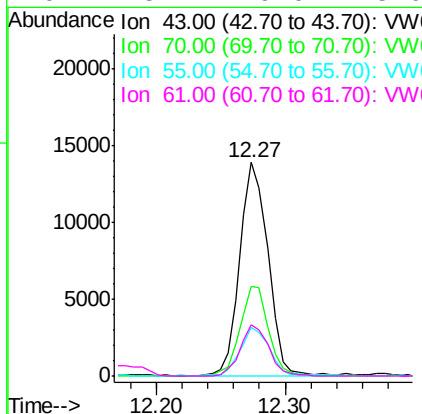
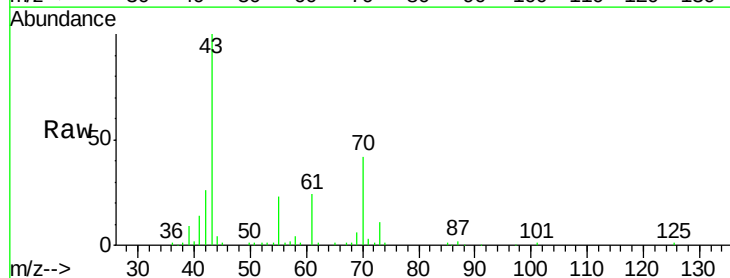
Manual Integrations
APPROVED

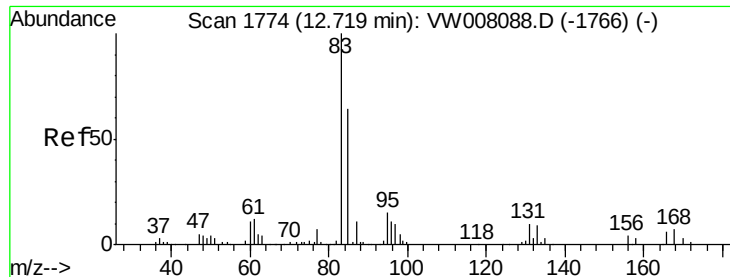
MMDadoda
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#74
N-ethyl acetate
Concen: 22.452 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW008122.D
Acq: 10 Jan 2019 01:25

Tgt Ion: 43 Resp: 21176
Ion Ratio Lower Upper
43 100
70 41.8 32.4 48.6
55 24.2 18.7 28.1
61 23.7 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 22.409 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW008122.D

Acq: 10 Jan 2019 01:25

Instrument :

MSVOA_W

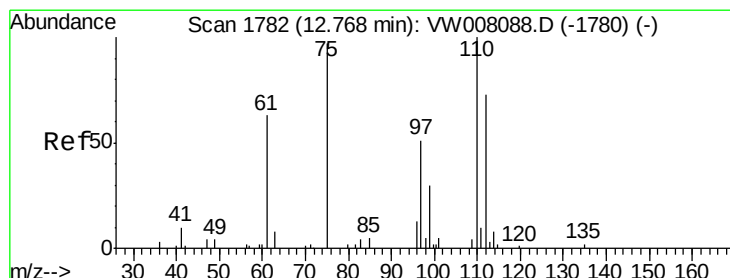
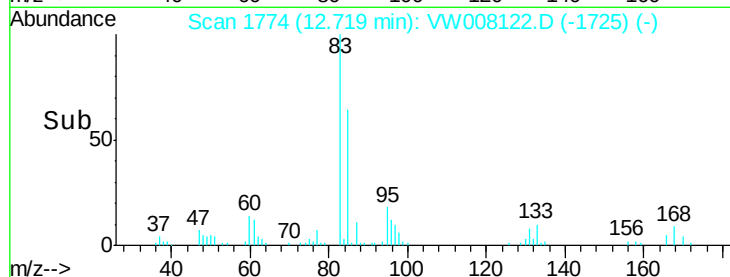
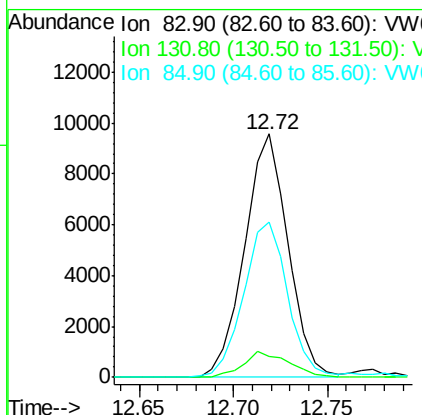
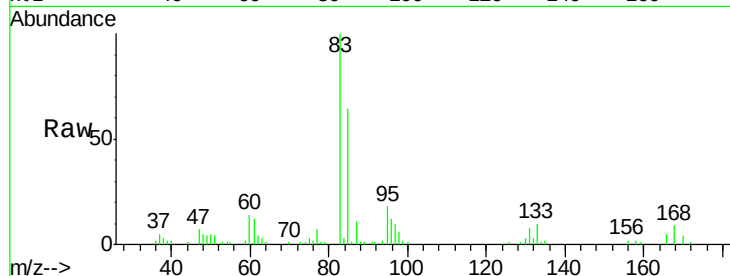
ClientSampleId :

VW0109SBSD02

Tot Ion:	83	Resp:	15276
Ion	Ratio	Lower	Upper
83	100		
131	11.0	5.3	16.1
85	66.5	32.4	97.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 24.470 ug/l m

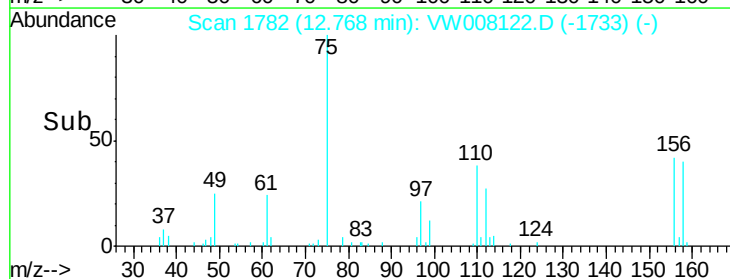
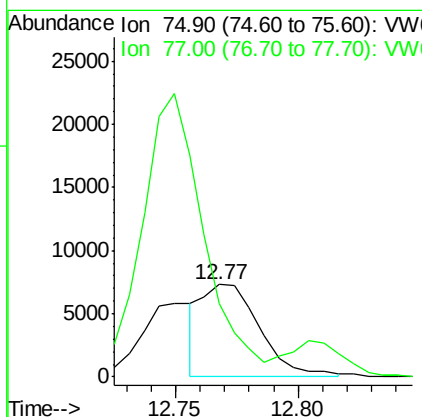
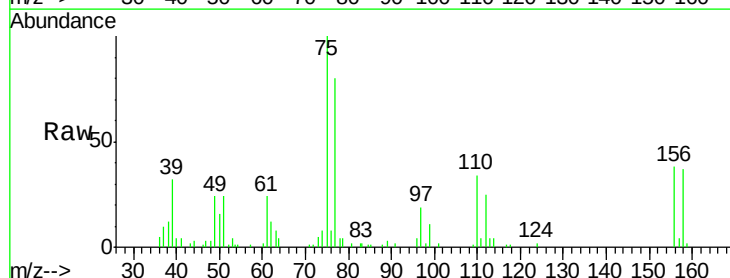
RT: 12.77 min Scan# 1782

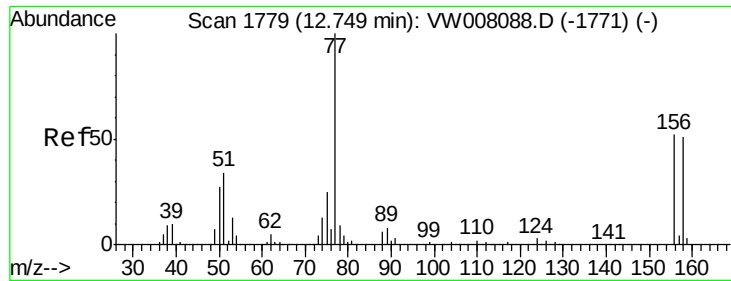
Delta R.T. -0.00 min

Lab File: VW008122.D

Acq: 10 Jan 2019 01:25

Tgt Ion:	75	Resp:	12101
Ion	Ratio	Lower	Upper
75	100		
77	325.2	179.4	538.2





#77

Bromobenzene

Concen: 22.009 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW008122.D

Acq: 10 Jan 2019 01:25

Instrument :

MSVOA_W

ClientSampleId :

VW0109SBSD02

Tot Ion:156 Resp: 19806

Ion Ratio Lower Upper

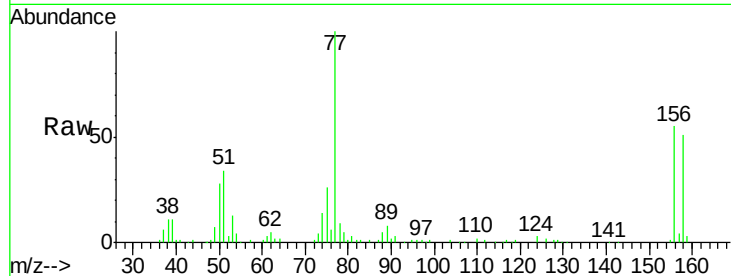
156 100

77 198.7 104.2 312.5

158 97.8 47.9 143.6

Manual Integrations
APPROVED

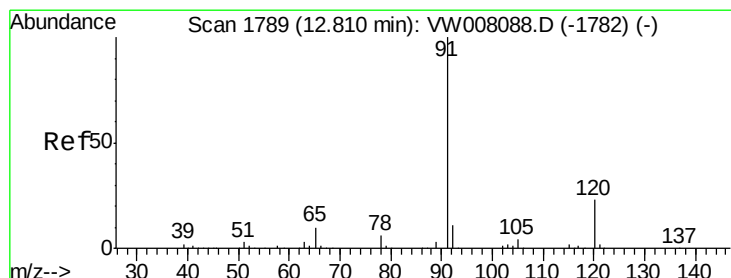
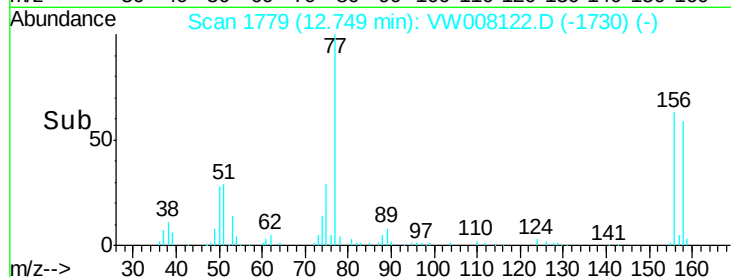
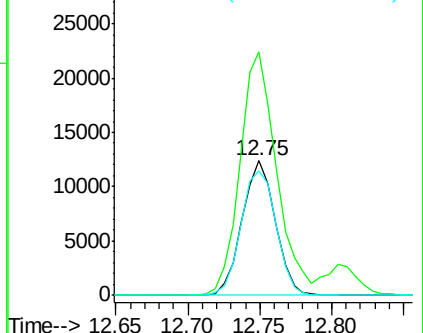
MMDadoda
1/10/2019 5:06:23 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.974 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW008122.D

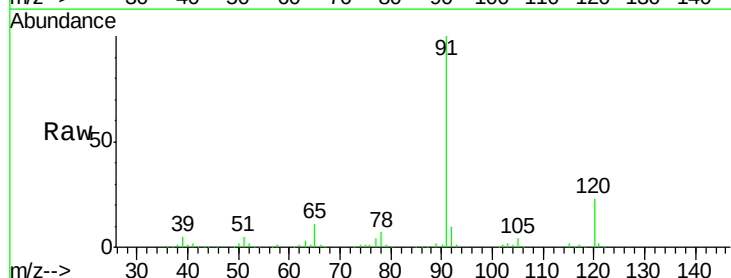
Acq: 10 Jan 2019 01:25

Tgt Ion: 91 Resp: 109449

Ion Ratio Lower Upper

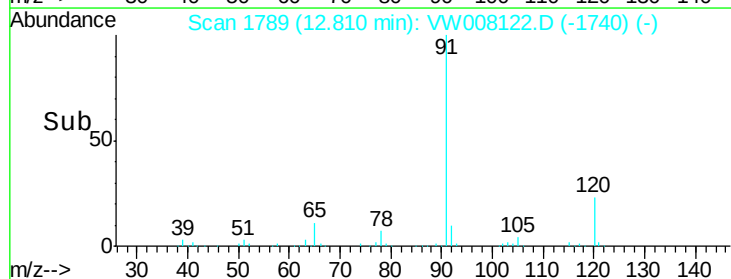
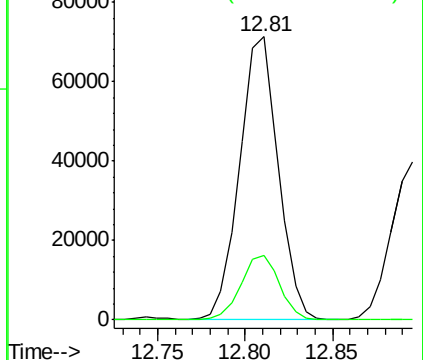
91 100

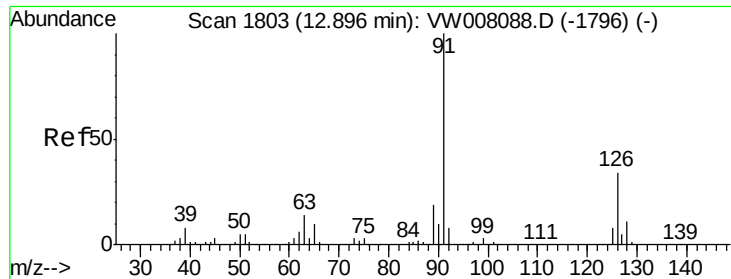
120 22.8 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.619 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW008122.D

Acq: 10 Jan 2019 01:25

Instrument :

MSVOA_W

ClientSampled :

VW0109SBS02

Tot Ion: 91 Resp: 62939

Ion Ratio Lower Upper

91 100

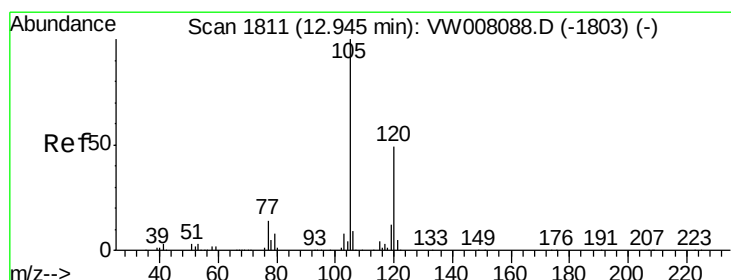
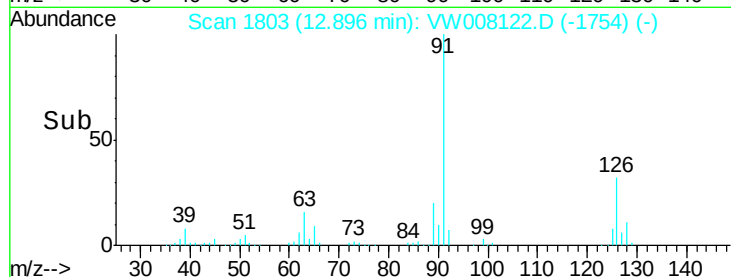
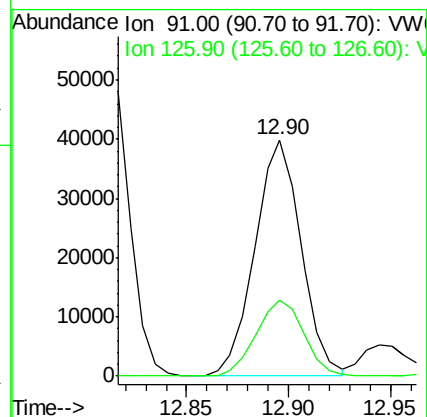
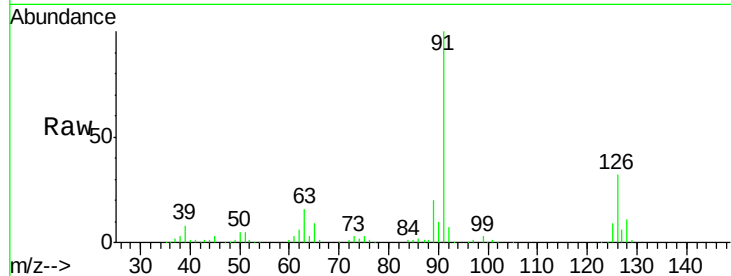
126 33.1 16.8 50.3

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 21.294 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.01 min

Lab File: VW008122.D

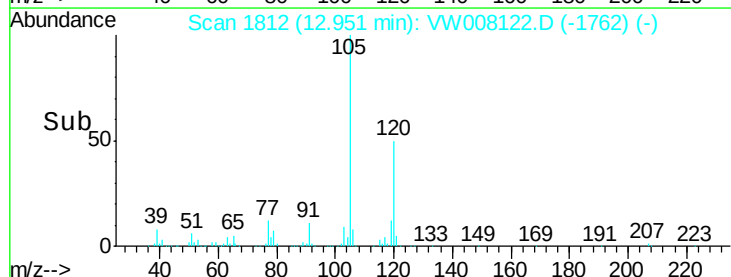
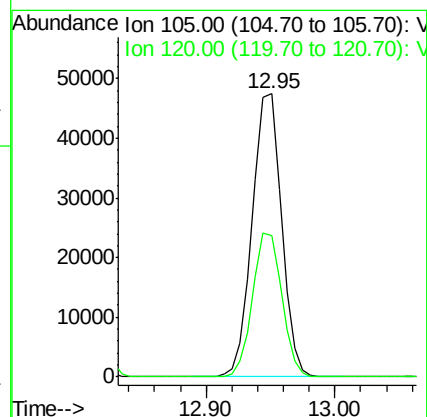
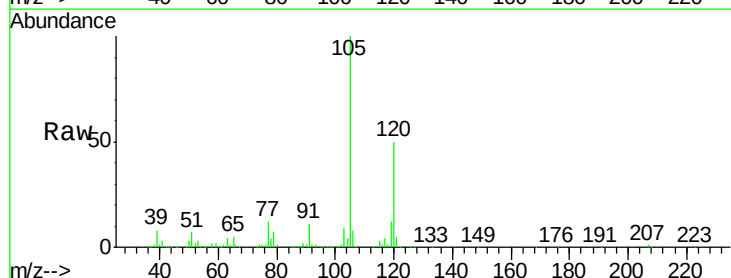
Acq: 10 Jan 2019 01:25

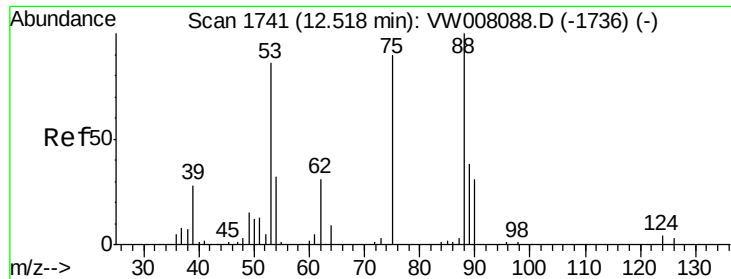
Tgt Ion:105 Resp: 74526

Ion Ratio Lower Upper

105 100

120 50.6 24.7 74.1





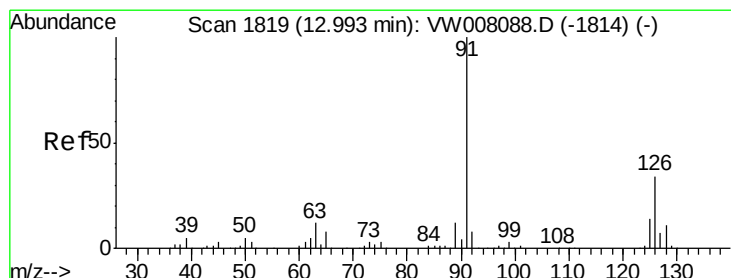
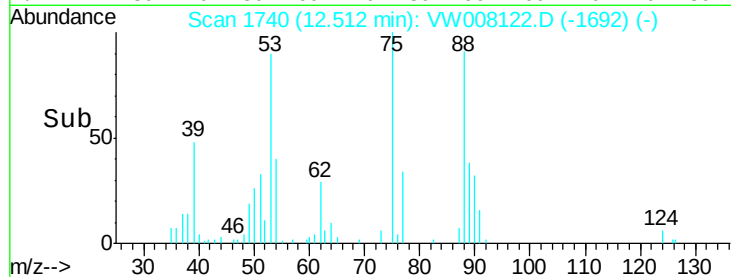
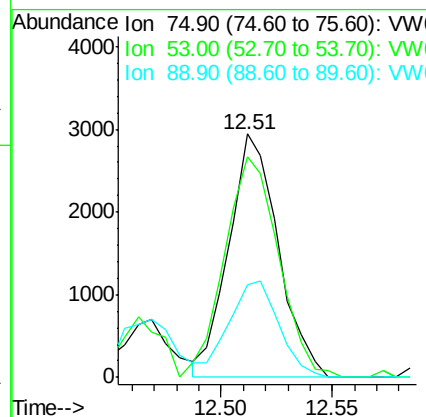
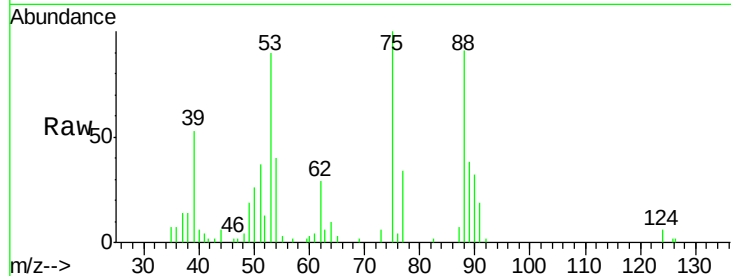
#81
trans-1,4-Dichloro-2-butene
Concen: 21.402 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.01 min
Lab File: VW008122.D
Acq: 10 Jan 2019 01:25

Instrument :
MSVOA_W
ClientSampleId :
VW0109SBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	99.1	78.8	118.2
89	40.5	35.4	53.2

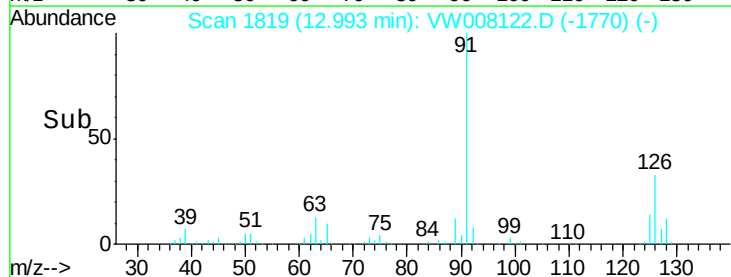
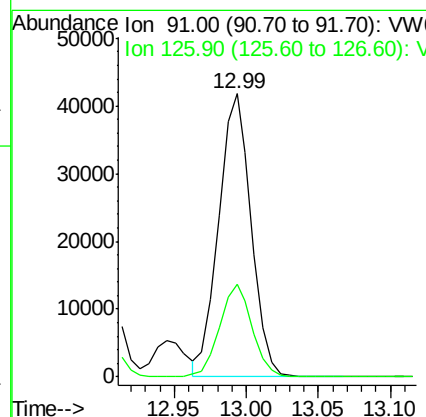
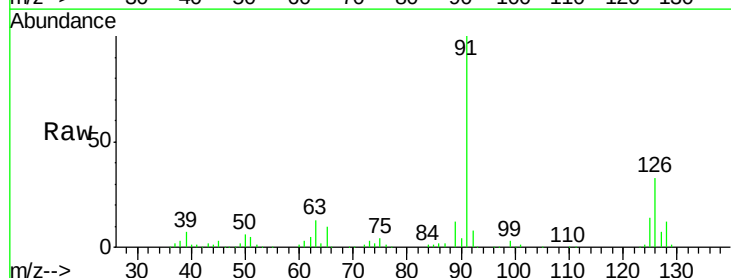
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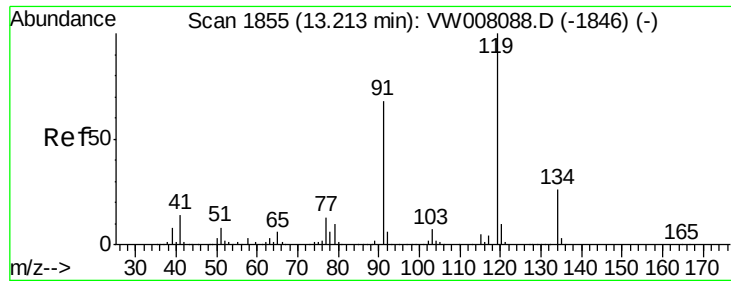
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#82
4-Chlorotoluene
Concen: 21.473 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW008122.D
Acq: 10 Jan 2019 01:25

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.9	16.5	49.5





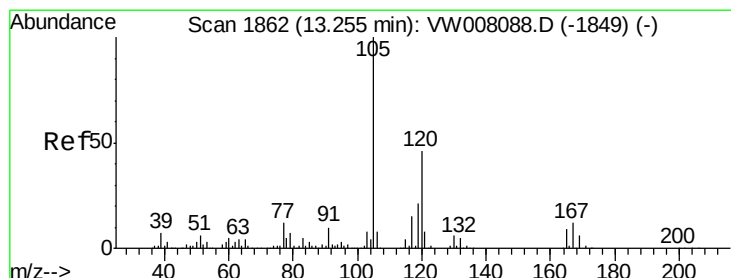
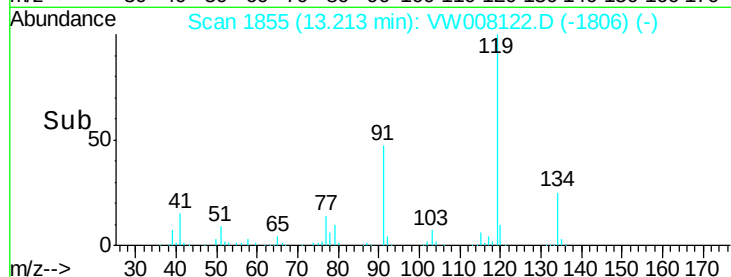
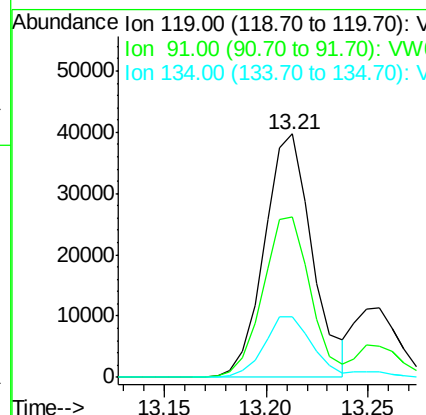
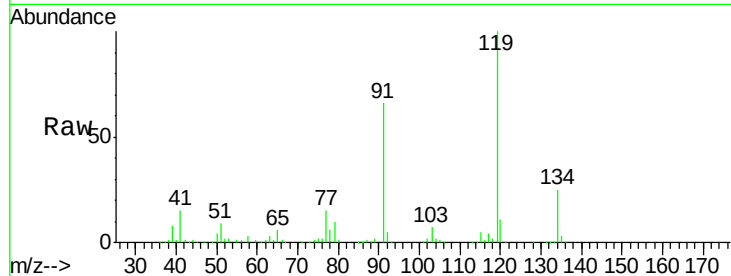
#83
tert-Butylbenzene
Concen: 20.970 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW008122.D
Acq: 10 Jan 2019 01:25

Instrument :
MSVOA_W
ClientSampleId :
VW0109SBS02

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.5	33.9	101.6
134	27.1	13.6	40.8

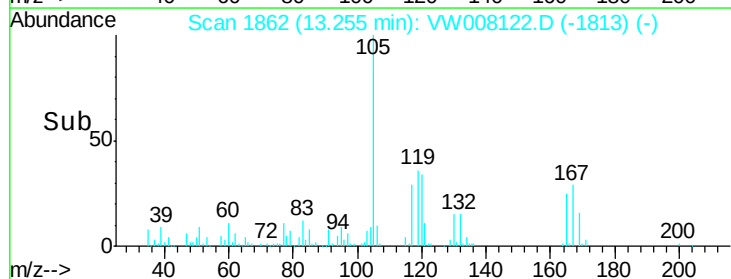
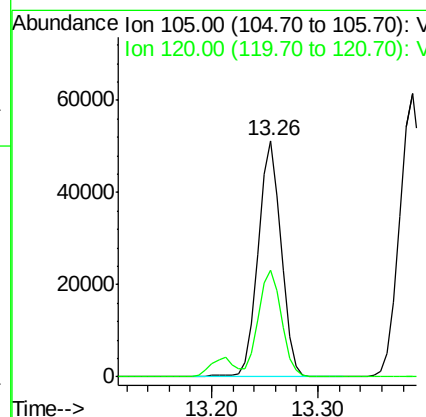
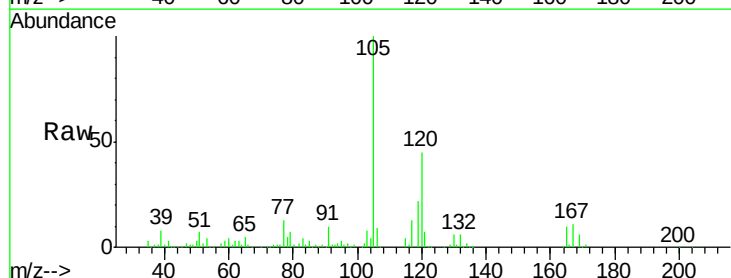
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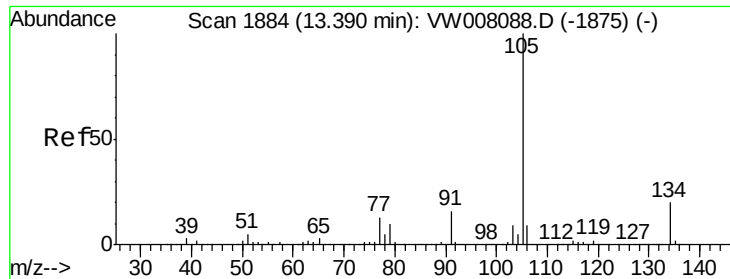
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#84
1,2,4-Trimethylbenzene
Concen: 21.589 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW008122.D
Acq: 10 Jan 2019 01:25

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.1	22.7	68.1





#85

sec-Butylbenzene

Concen: 20.808 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW008122.D

Acq: 10 Jan 2019 01:25

Instrument :

MSVOA_W

ClientSampleId :

VW0109SBSD02

Tot Ion:105 Resp: 94376

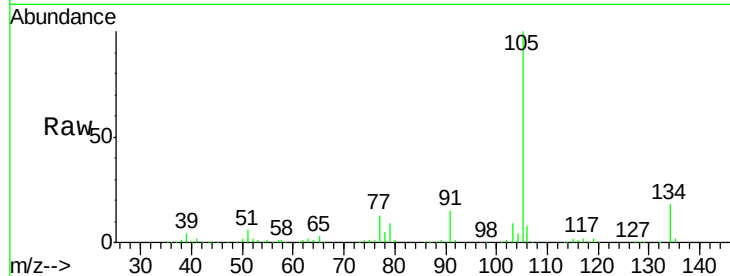
Ion Ratio Lower Upper

105 100

134 19.8 10.1 30.1

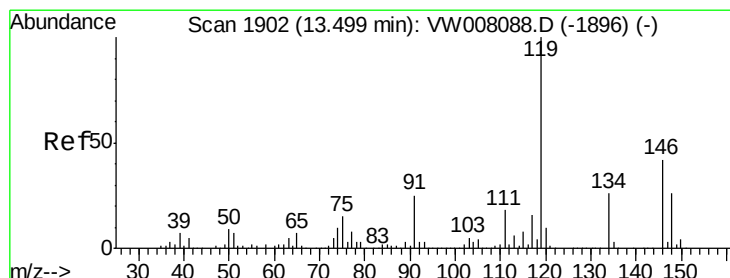
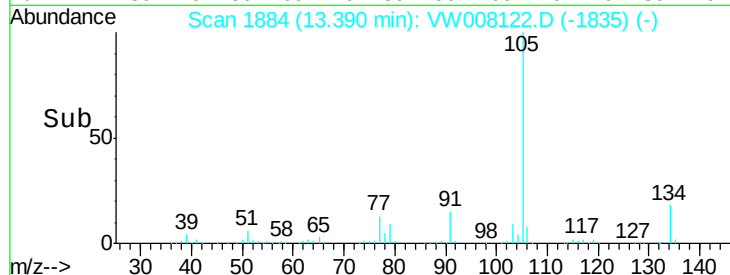
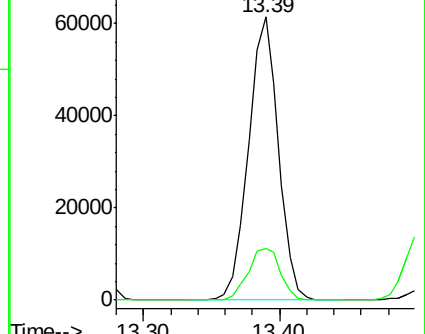
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.928 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.01 min

Lab File: VW008122.D

Acq: 10 Jan 2019 01:25

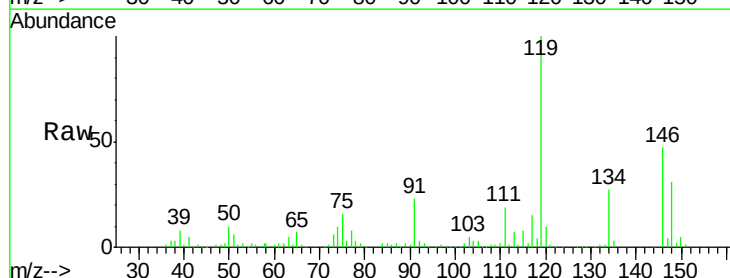
Tgt Ion:119 Resp: 81967

Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.8

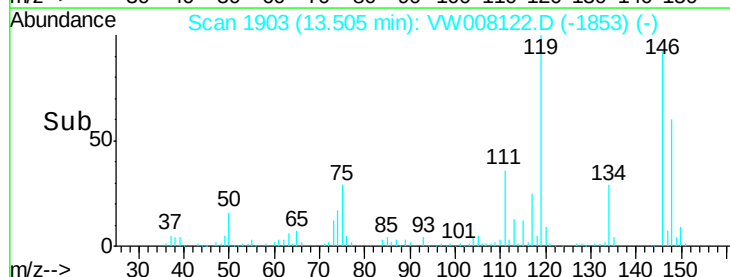
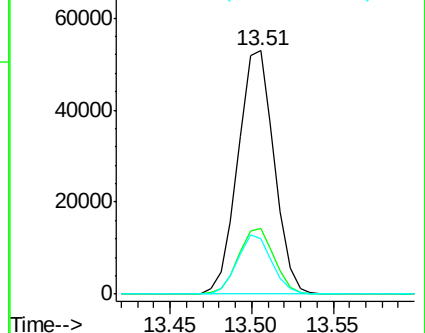
91 23.3 12.3 36.9

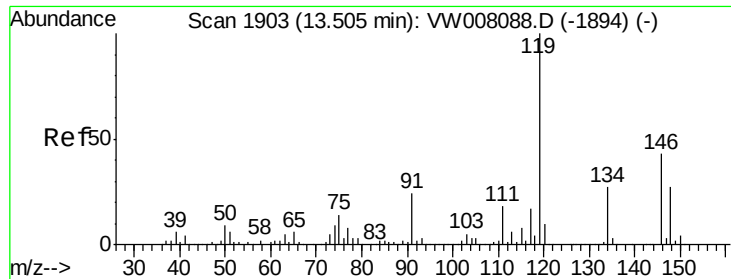


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





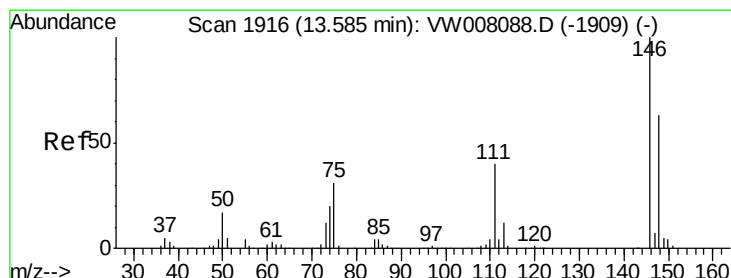
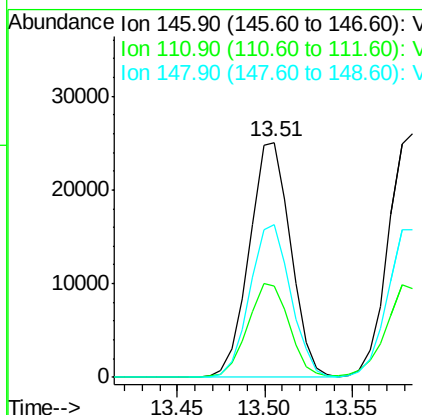
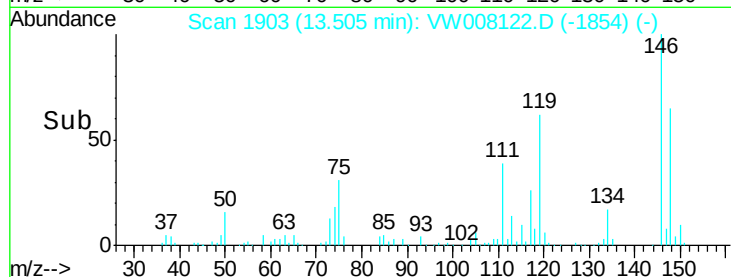
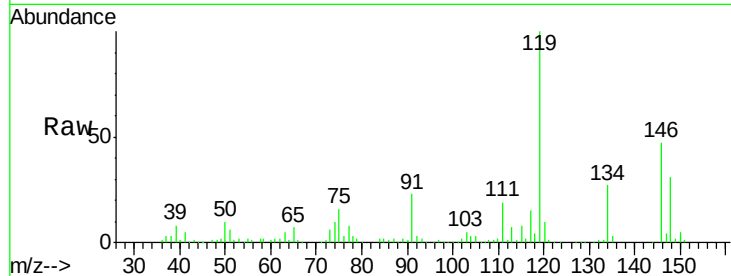
#87
 1,3-Dichlorobenzene
 Concen: 22.551 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW008122.D
 Acq: 10 Jan 2019 01:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0109SBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	21.1	63.1
148	64.4	31.3	93.9

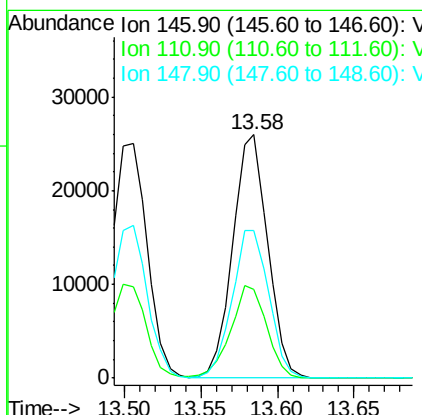
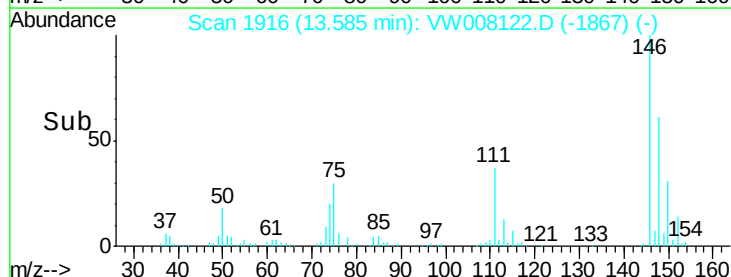
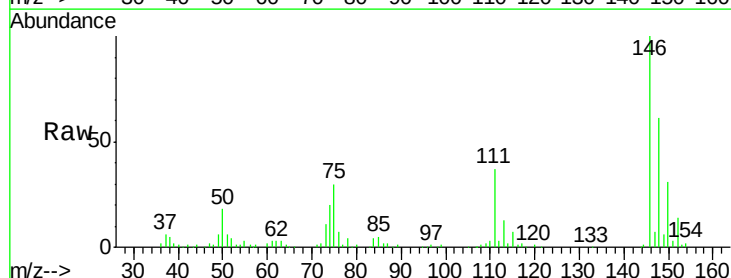
Manual Integrations
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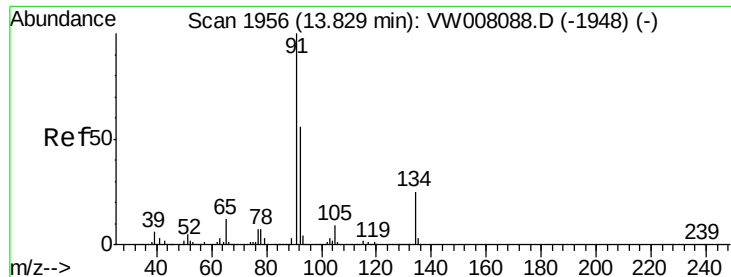
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#88
 1,4-Dichlorobenzene
 Concen: 22.428 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW008122.D
 Acq: 10 Jan 2019 01:25

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	20.5	61.5
148	63.9	31.6	94.8





#89

n-Butylbenzene

Concen: 20.420 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW008122.D

Acq: 10 Jan 2019 01:25

Instrument :

MSVOA_W

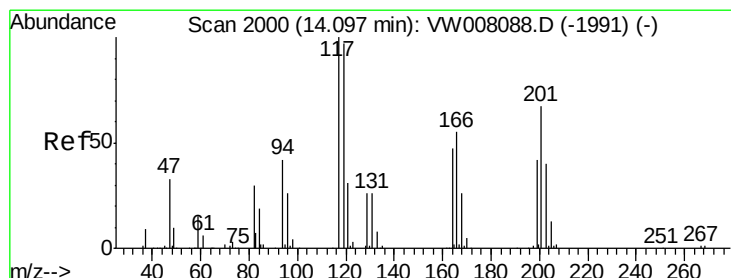
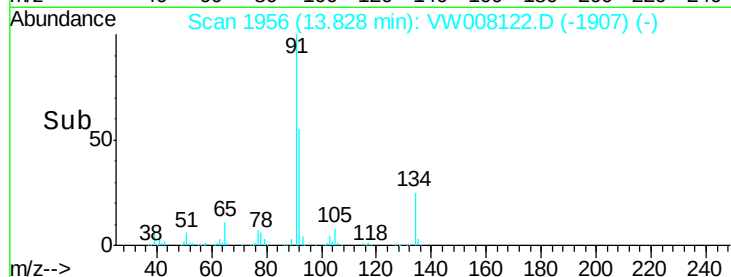
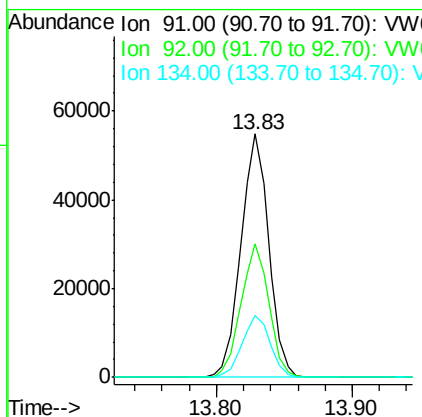
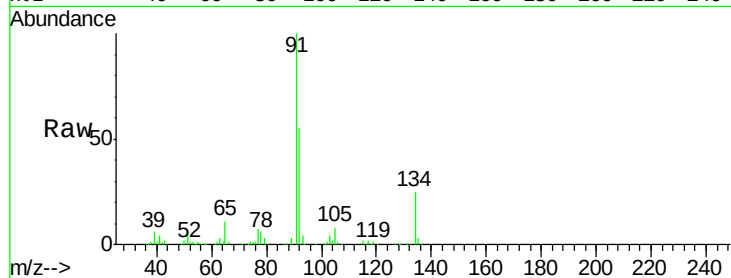
ClientSampleId :

VW0109SBS02

Tot Ion:	91	Resp:	78332
Ion	Ratio	Lower	Upper
91	100		
92	54.9	27.4	82.2
134	25.7	12.6	37.8

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#90

Hexachloroethane

Concen: 21.922 ug/l

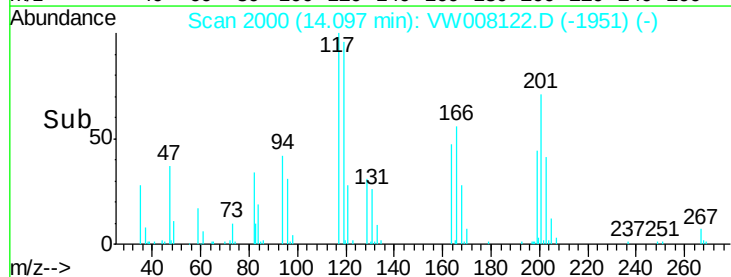
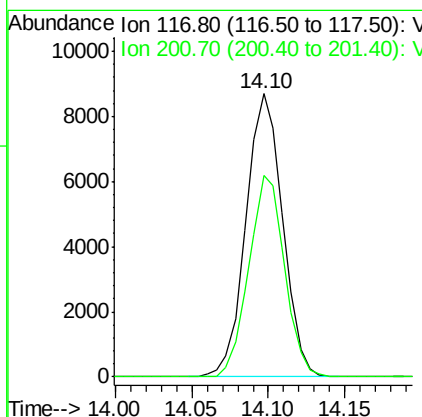
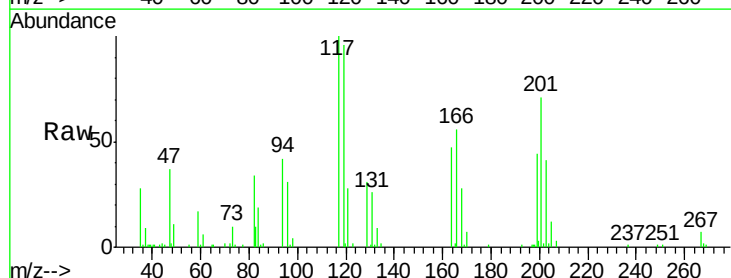
RT: 14.10 min Scan# 2000

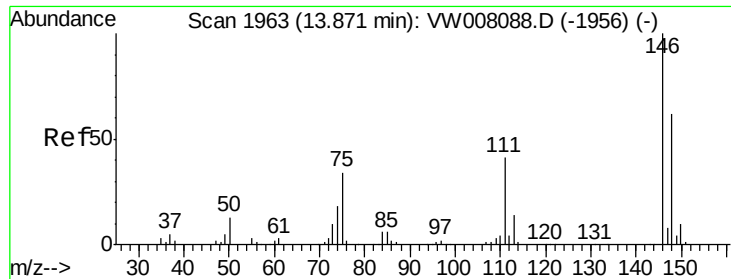
Delta R.T. -0.00 min

Lab File: VW008122.D

Acq: 10 Jan 2019 01:25

Tgt Ion:	117	Resp:	14502
Ion	Ratio	Lower	Upper
117	100		
201	69.3	33.0	98.9





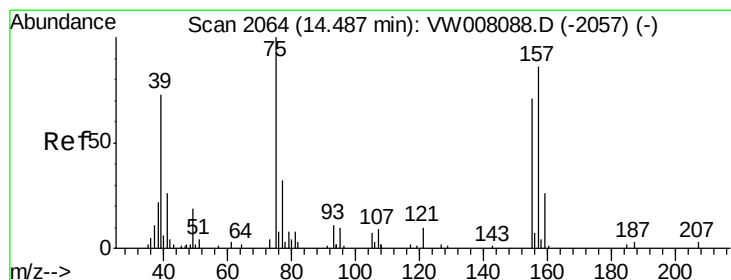
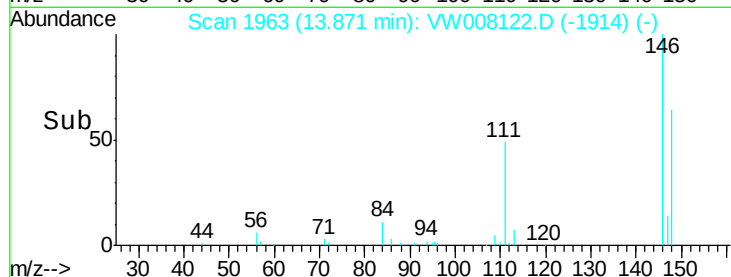
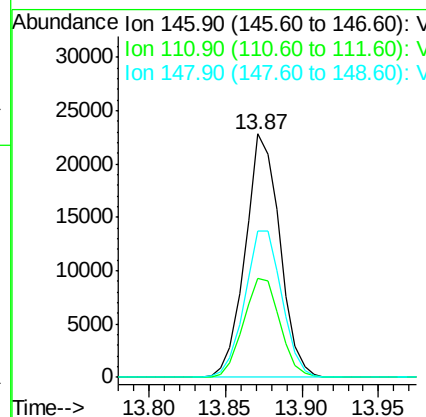
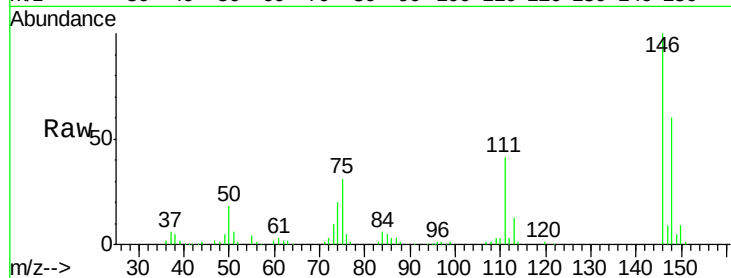
#91
 1,2-Dichlorobenzene
 Concen: 22.276 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW008122.D
 Acq: 10 Jan 2019 01:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0109SBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.3	63.7
148	64.5	31.5	94.5

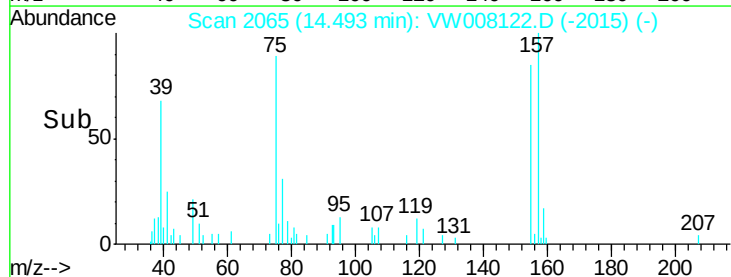
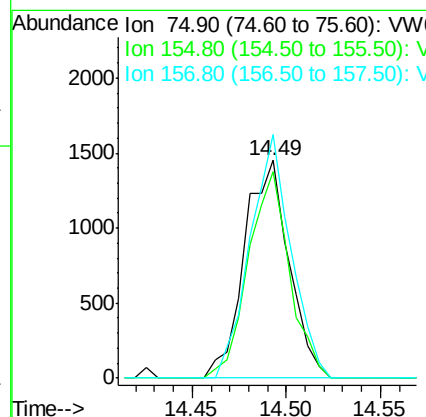
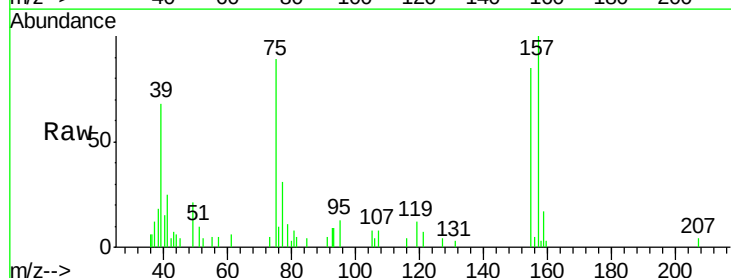
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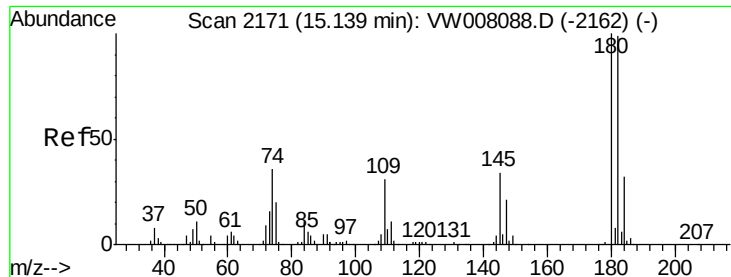
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.703 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.01 min
 Lab File: VW008122.D
 Acq: 10 Jan 2019 01:25

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.4	38.6	115.7
157	102.5	47.5	142.6





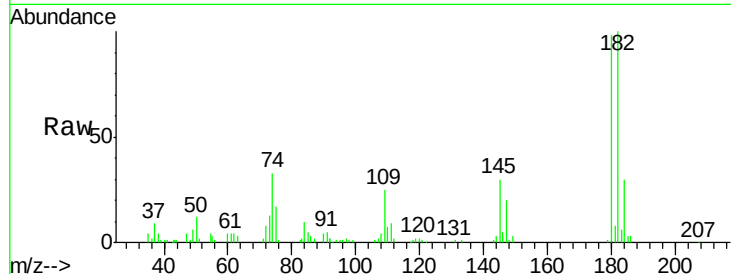
#93
 1,2,4-Trichlorobenzene
 Concen: 21.759 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW008122.D
 Acq: 10 Jan 2019 01:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0109SBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.5	48.6	145.9	
145	31.0	16.6	49.7	

Manual Integrations
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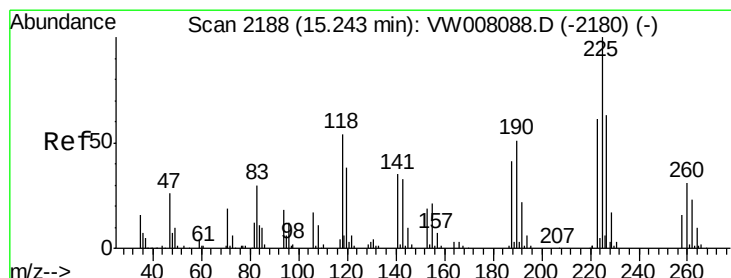
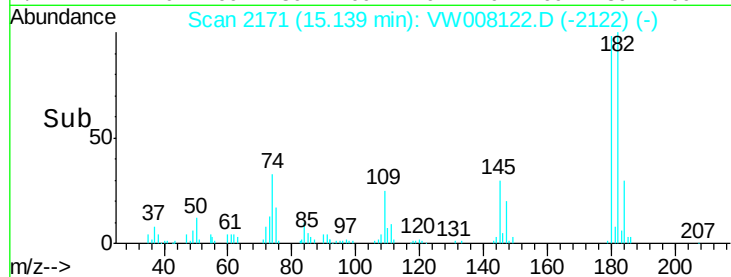
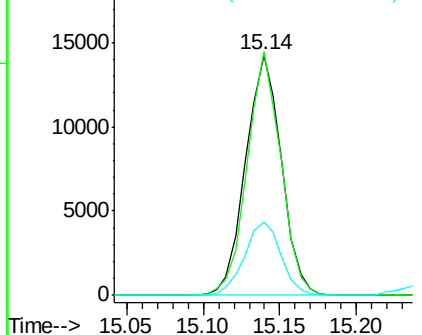


Abundance

Ion 179.80 (179.50 to 180.50): V

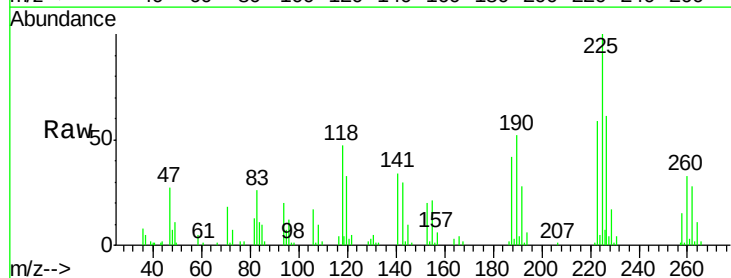
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 21.521 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW008122.D
 Acq: 10 Jan 2019 01:25

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.6	31.4	94.3	
227	60.1	32.0	96.2	

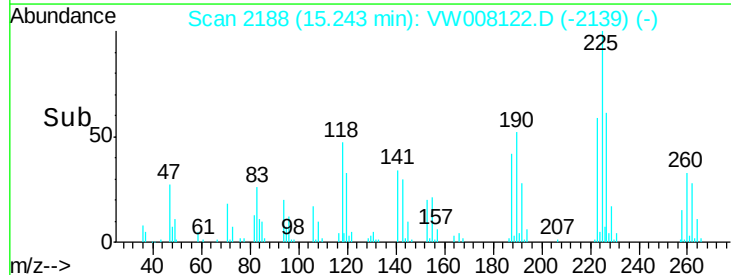
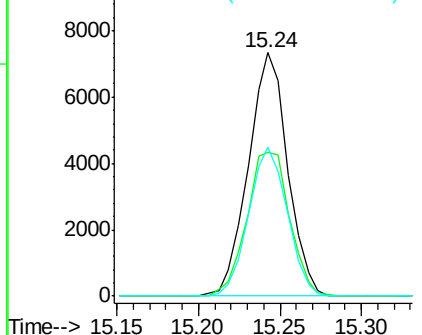


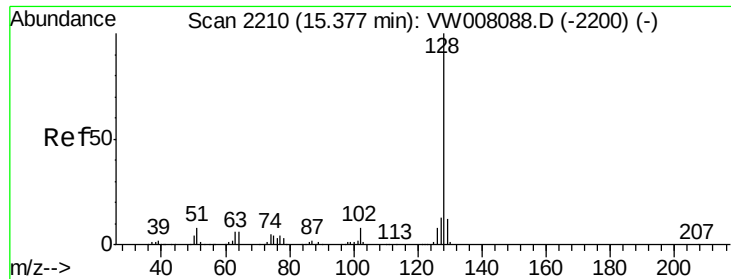
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





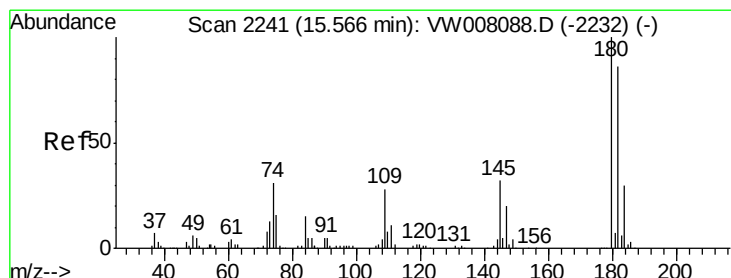
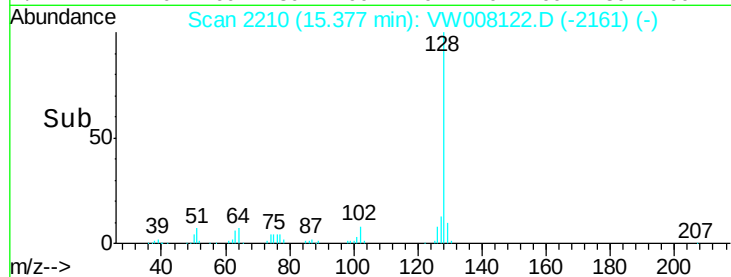
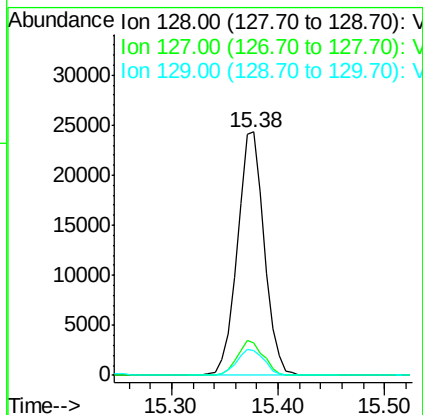
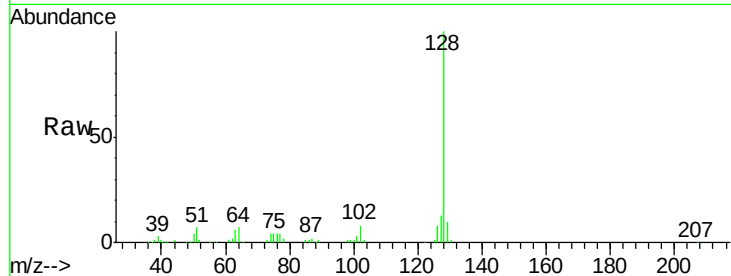
#95
Naphthalene
Concen: 21.657 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW008122.D
Acq: 10 Jan 2019 01:25

Instrument :
MSVOA_W
ClientSampleId :
VW0109SBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.9	11.0	16.4
129	10.9	9.0	13.6

Manual Integrations
APPROVED

MMDadoda
1/10/2019 5:06:23 PM



#96
1,2,3-Trichlorobenzene
Concen: 22.347 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW008122.D
Acq: 10 Jan 2019 01:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.3	46.5	139.3
145	30.8	17.4	52.2

