

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012219\
 Data File : VW008389.D
 Acq On : 22 Jan 2019 15:30
 Operator : SY/VA
 Sample : VW0122SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0122SBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/23/2019 11:42:34 AM

Quant Time: Jan 23 01:31:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W011719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 18 00:57:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	103796	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	181218	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	169521	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	90370	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	66350	61.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.90%	
35) Dibromofluoromethane	7.88	113	62766	54.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.52%	
50) Toluene-d8	10.32	98	270637	59.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.10%	
62) 4-Bromofluorobenzene	12.62	95	94810	58.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	14728	22.519	ug/l	97
3) Chloromethane	2.21	50	23051	24.044	ug/l	99
4) Vinyl Chloride	2.36	62	29909	24.416	ug/l	93
5) Bromomethane	2.78	94	26616	28.671	ug/l	92
6) Chloroethane	2.92	64	19633	24.486	ug/l	95
7) Trichlorofluoromethane	3.26	101	24728	27.493	ug/l	92
8) Diethyl Ether	3.68	74	14814	23.752	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	24045	22.962	ug/l	90
10) Methyl Iodide	4.26	142	31849	18.858	ug/l	96
11) Tert butyl alcohol	5.18	59	7004m	96.344	ug/l	
12) 1,1-Dichloroethene	4.03	96	22381	21.014	ug/l	93
13) Acrolein	3.89	56	5678	80.847	ug/l	97
14) Allyl chloride	4.66	41	39301	22.073	ug/l	98
15) Acrylonitrile	5.37	53	28621	119.460	ug/l	99
16) Acetone	4.12	43	27432	109.400	ug/l	98
17) Carbon Disulfide	4.37	76	63315	19.537	ug/l	99
18) Methyl Acetate	4.67	43	17335	25.880	ug/l	96
19) Methyl tert-butyl Ether	5.42	73	37918	23.258	ug/l	96
20) Methylene Chloride	4.91	84	27447	21.573	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	25558	21.366	ug/l	94
22) Diisopropyl ether	6.31	45	83032	23.887	ug/l	99
23) Vinyl Acetate	6.25	43	221075	118.978	ug/l	96
24) 1,1-Dichloroethane	6.21	63	48937	23.121	ug/l	99
25) 2-Butanone	7.17	43	38752	120.662	ug/l	94
26) 2,2-Dichloropropane	7.17	77	31300	23.174	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	28288	21.827	ug/l	94
28) Bromochloromethane	7.51	49	20480	23.487	ug/l #	100
29) Tetrahydrofuran	7.53	42	23681	118.277	ug/l	100
30) Chloroform	7.67	83	49880	23.819	ug/l	99
31) Cyclohexane	7.95	56	44196	21.916	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	40600	23.101	ug/l	97
36) 1,1-Dichloropropene	8.08	75	38988	21.384	ug/l	100
37) Ethyl Acetate	7.25	43	16327	21.716	ug/l #	94
38) Carbon Tetrachloride	8.06	117	37501	20.830	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	46396	21.393	ug/l	98
40) Benzene	8.32	78	110386	21.374	ug/l	98
41) Methacrylonitrile	7.49	41	9768	22.318	ug/l	98
42) 1,2-Dichloroethane	8.40	62	30635	21.213	ug/l	98
43) Isopropyl Acetate	8.43	43	31444	22.141	ug/l	96
44) Trichloroethene	9.09	130	28531	20.164	ug/l	91
45) 1,2-Dichloropropane	9.37	63	29050	22.645	ug/l	96
46) Dibromomethane	9.46	93	14458	21.624	ug/l	92
47) Bromodichloromethane	9.65	83	37133	22.515	ug/l	95
48) Methyl methacrylate	9.43	41	14237	21.295	ug/l	92
49) 1,4-Dioxane	9.46	88	4532	421.054	ug/l #	76
51) 4-Methyl-2-Pentanone	10.21	43	81711	113.626	ug/l	98
52) Toluene	10.39	92	73567	22.509	ug/l	97
53) t-1,3-Dichloropropene	10.60	75	36558	22.209	ug/l	95
54) cis-1,3-Dichloropropene	10.07	75	42905	22.111	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	21638	23.332	ug/l	99
56) Ethyl methacrylate	10.65	69	23817	21.868	ug/l	96
57) 1,3-Dichloropropane	10.93	76	36806	22.858	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	64624	123.013	ug/l	98
59) 2-Hexanone	10.97	43	57627	114.371	ug/l	96
60) Dibromochloromethane	11.13	129	23638	21.357	ug/l	100
61) 1,2-Dibromoethane	11.24	107	19610	21.837	ug/l	95
64) Tetrachloroethene	10.86	164	23376	19.666	ug/l	98
65) Chlorobenzene	11.66	112	79368	21.464	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	27680	21.750	ug/l	96
67) Ethyl Benzene	11.73	91	137834	21.468	ug/l	96
68) m/p-Xylenes	11.84	106	110175	44.211	ug/l	100
69) o-Xylene	12.17	106	49803	21.391	ug/l	98
70) Styrene	12.18	104	82906	22.169	ug/l	99
71) Bromoform	12.35	173	13585	21.428	ug/l #	99
73) Isopropylbenzene	12.47	105	137378	20.864	ug/l	100
74) N-amyl acetate	12.27	43	29219	20.706	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	24616	21.979	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	17959m	21.822	ug/l	
77) Bromobenzene	12.75	156	28906	18.276	ug/l	82
78) n-propylbenzene	12.80	91	166260	20.861	ug/l	99
79) 2-Chlorotoluene	12.90	91	97310	21.370	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	118387	21.546	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.52	75	7165	20.777	ug/l	92
82) 4-Chlorotoluene	12.99	91	102233	21.485	ug/l	98
83) tert-Butylbenzene	13.21	119	103929	21.490	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	121432	21.694	ug/l	98
85) sec-Butylbenzene	13.39	105	151322	21.793	ug/l	98
86) p-Isopropyltoluene	13.50	119	132291	21.814	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	65934	20.981	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	65806	20.902	ug/l	98
89) n-Butylbenzene	13.83	91	127921	21.990	ug/l	98
90) Hexachloroethane	14.10	117	24429	21.766	ug/l	88
91) 1,2-Dichlorobenzene	13.87	146	58612	21.125	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	4290	23.425	ug/l	91

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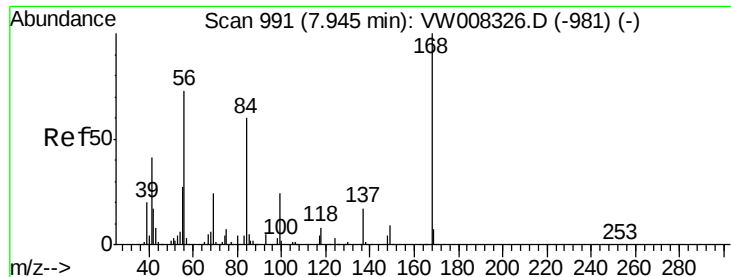
Manual Integrations
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MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	37627	20.034	ug/l	96
94) Hexachlorobutadiene	15.24	225	20833	19.682	ug/l	97
95) Naphthalene	15.37	128	63970	19.912	ug/l	98
96) 1,2,3-Trichlorobenzene	15.56	180	32930	20.129	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008389.D

Acq: 22 Jan 2019 15:30

Instrument :

MSVOA_W

ClientSampleId :

VW0122SBSD01

Tot Ion:168 Resp: 103796

Ion Ratio Lower Upper

168 100

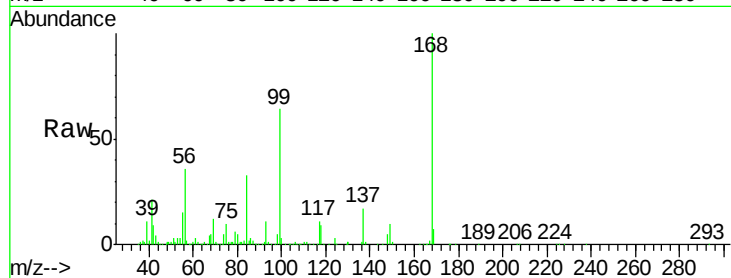
99 64.2 44.6 66.8

Manual Integrations

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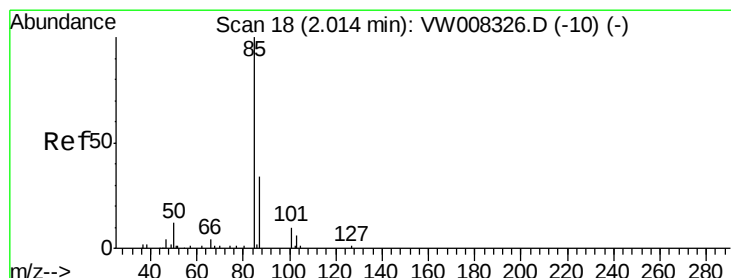
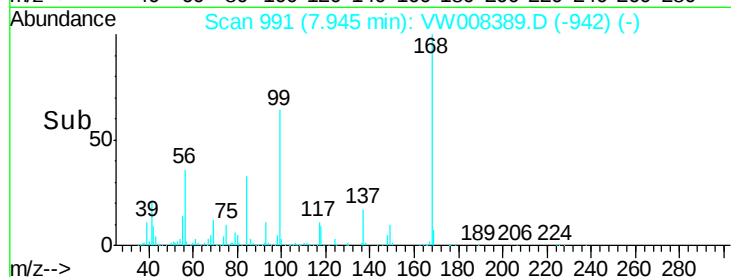
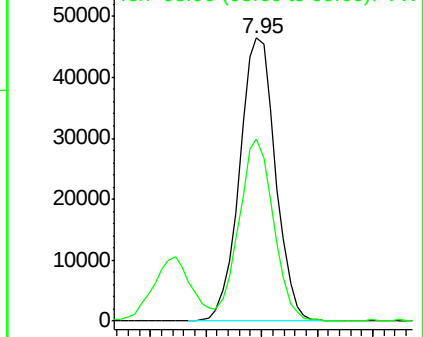
MMDadoda

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 22.519 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW008389.D

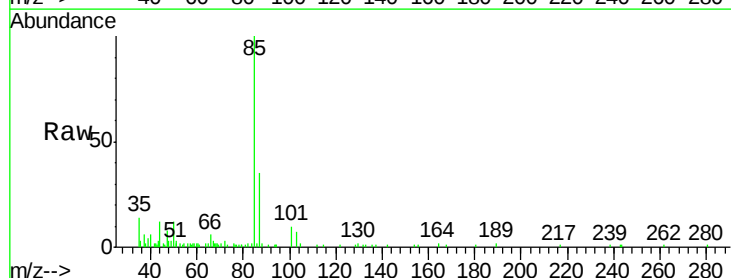
Acq: 22 Jan 2019 15:30

Tgt Ion: 85 Resp: 14728

Ion Ratio Lower Upper

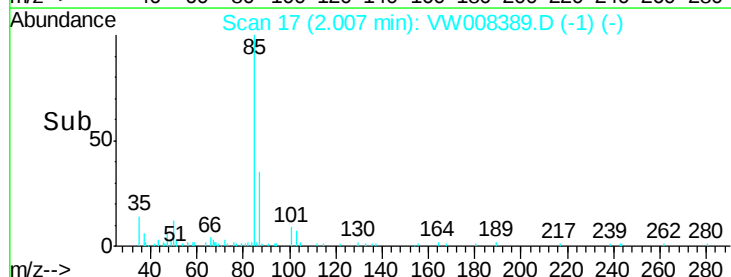
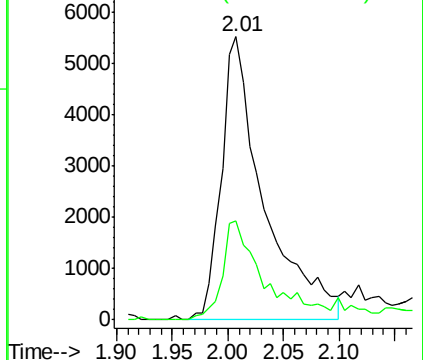
85 100

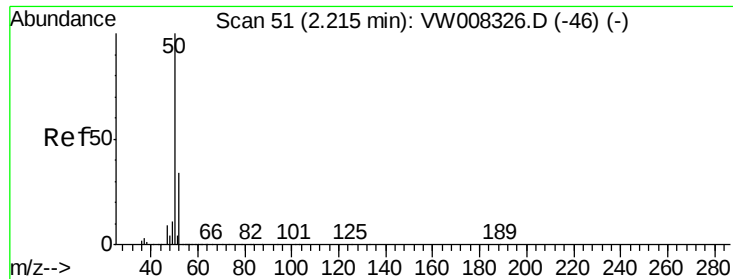
87 35.2 16.9 50.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 24.044 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW008389.D

Acq: 22 Jan 2019 15:30

Instrument :

MSVOA_W

ClientSampleId :

VW0122SBSD01

Tot Ion: 50 Resp: 23051

Ion Ratio Lower Upper

50 100

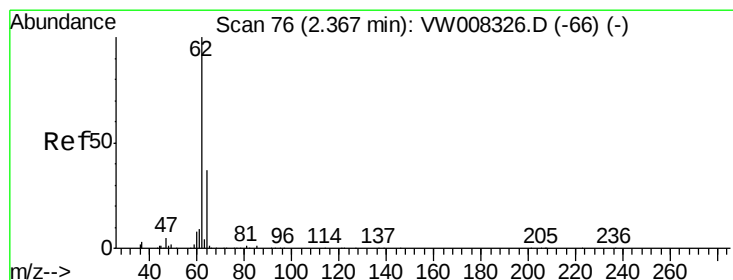
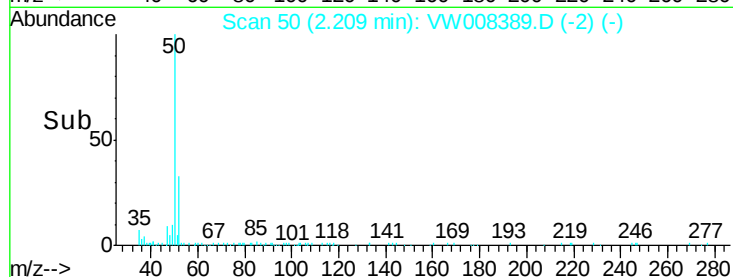
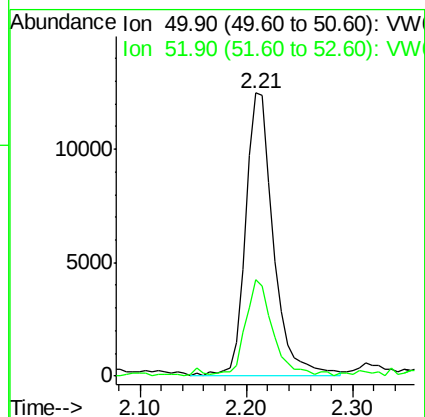
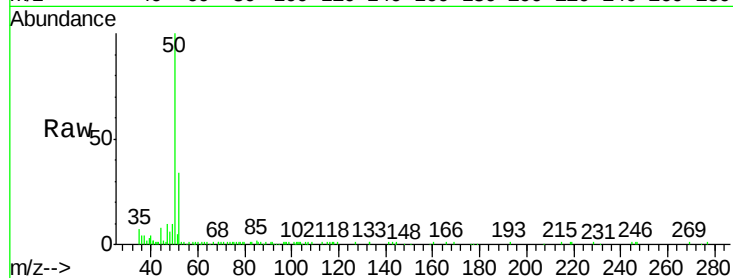
52 32.7 26.7 40.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 24.416 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW008389.D

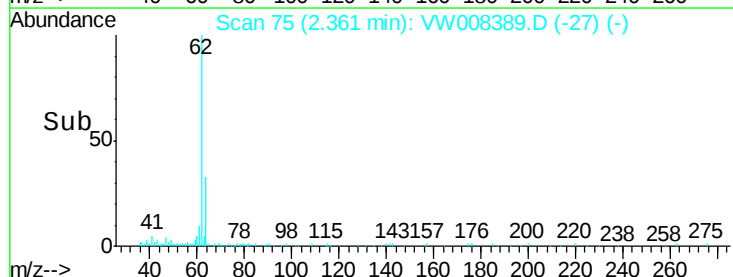
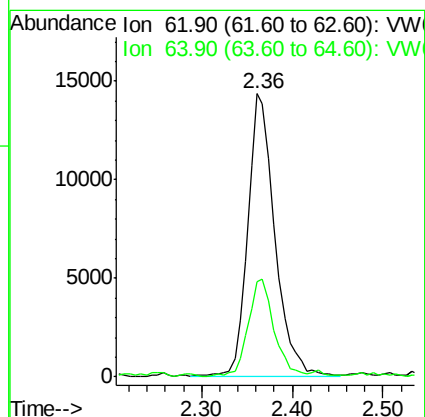
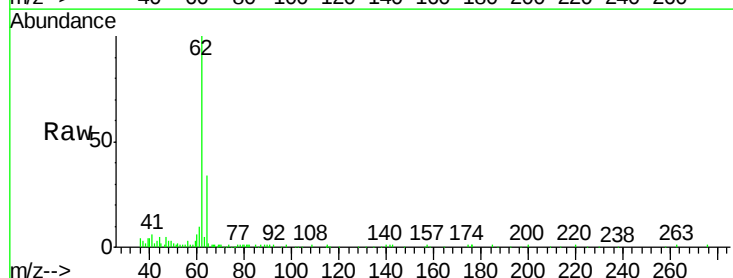
Acq: 22 Jan 2019 15:30

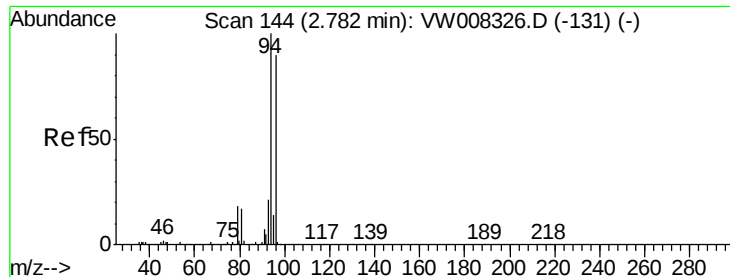
Tgt Ion: 62 Resp: 29909

Ion Ratio Lower Upper

62 100

64 32.8 29.4 44.2





#5

Bromomethane

Concen: 28.671 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW008389.D

Acq: 22 Jan 2019 15:30

Instrument :

MSVOA_W

ClientSampleId :

VW0122SBS01

Tot Ion: 94 Resp: 26616

Ion Ratio Lower Upper

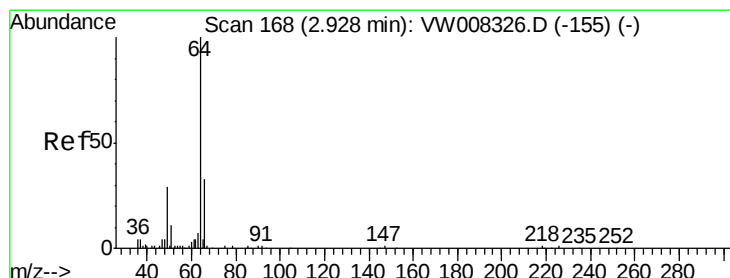
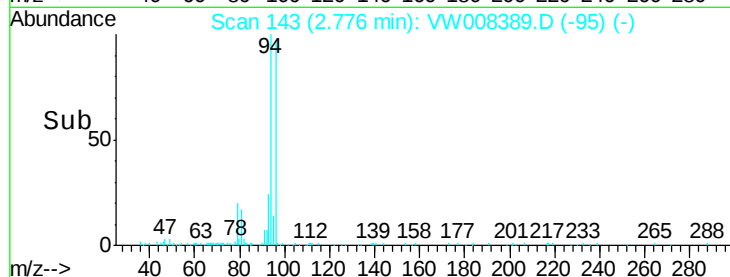
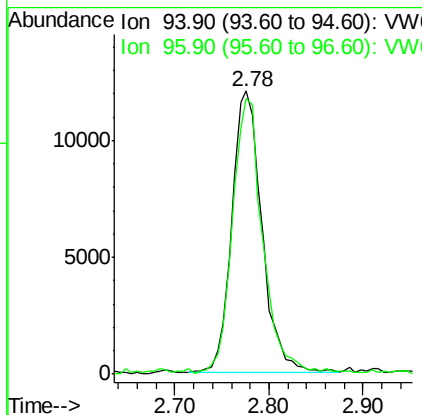
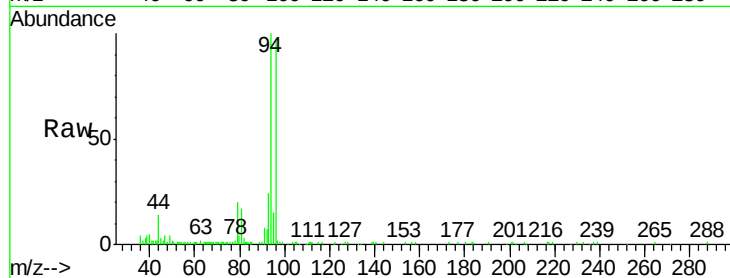
94 100

96 96.7 71.4 107.0

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#6

Chloroethane

Concen: 24.486 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW008389.D

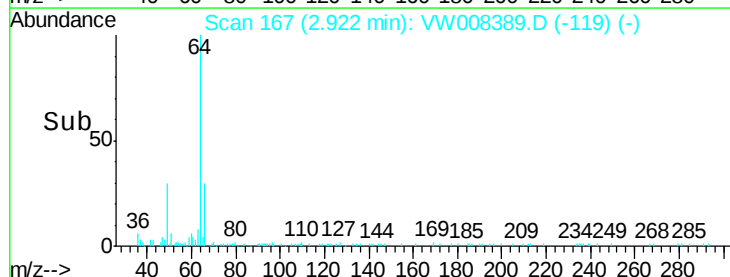
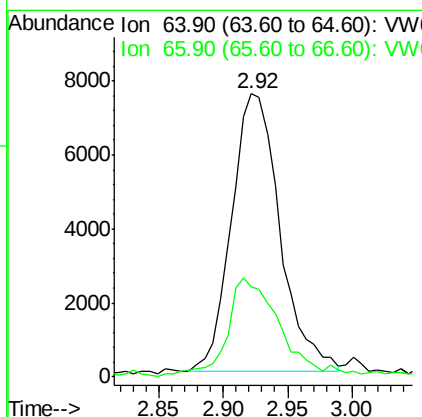
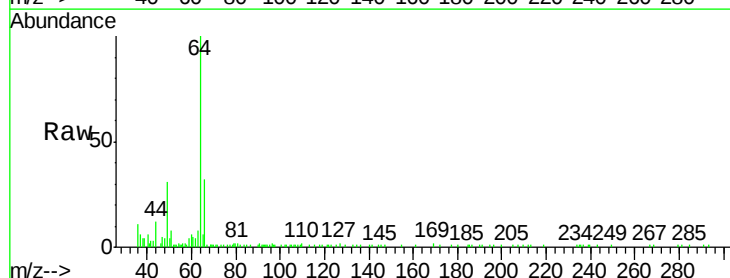
Acq: 22 Jan 2019 15:30

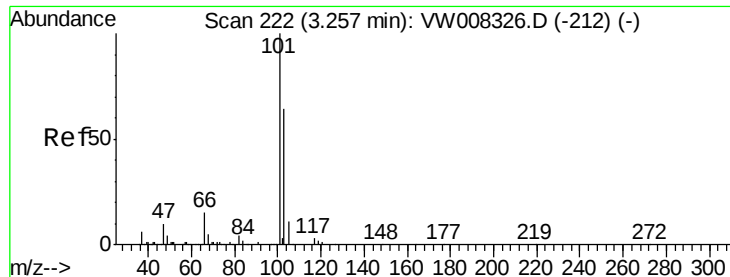
Tgt Ion: 64 Resp: 19633

Ion Ratio Lower Upper

64 100

66 30.1 26.2 39.4





#7

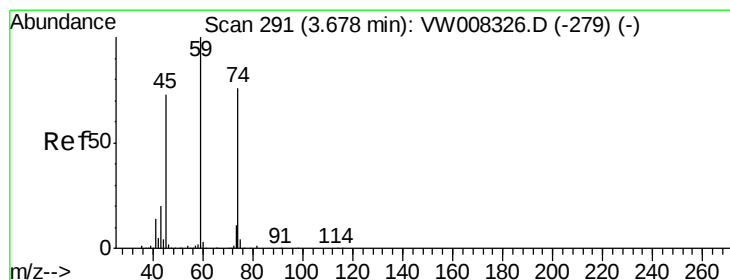
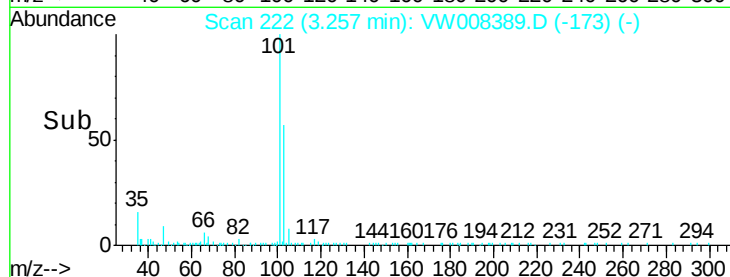
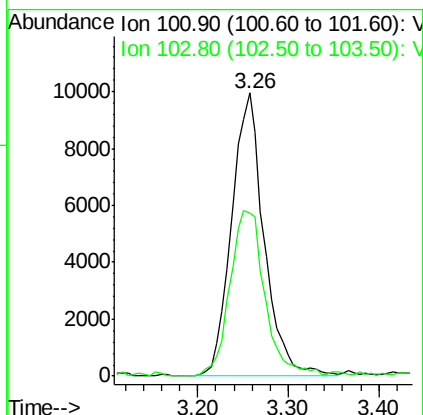
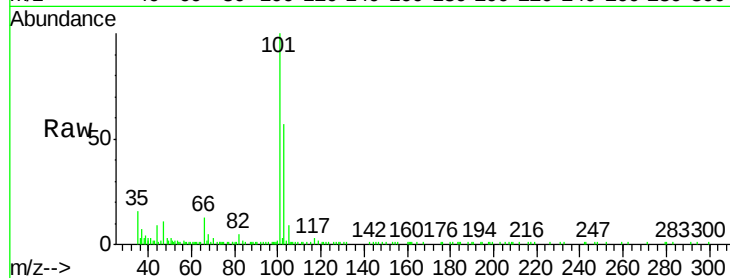
Trichlorofluoromethane
Concen: 27.493 ug/l
RT: 3.26 min Scan# 222
Delta R.T. 0.00 min
Lab File: VW008389.D
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	57.4	50.9	76.3

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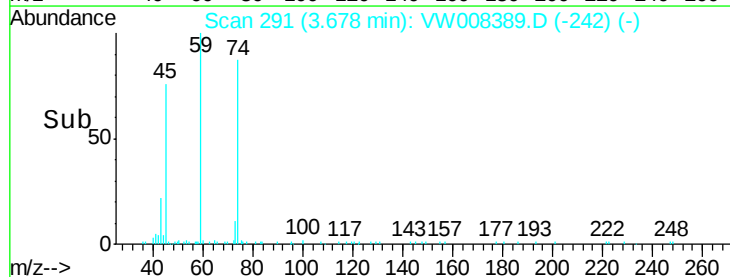
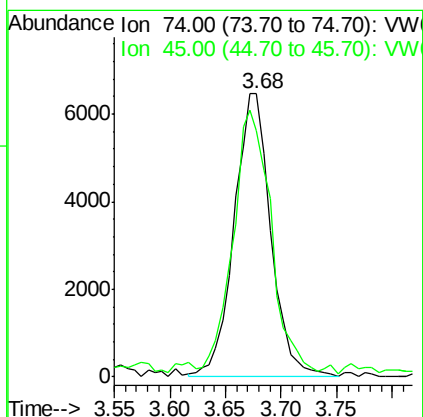
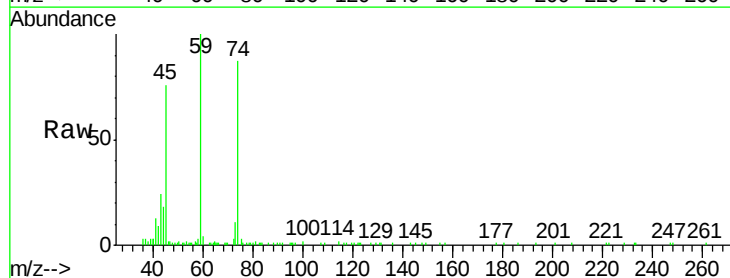
MMDadoda
1/23/2019 11:42:34 AM

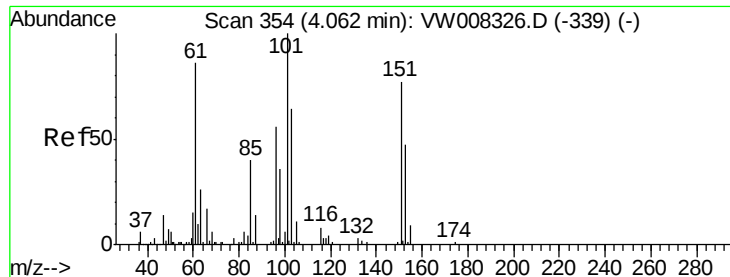


#8

Diethyl Ether
Concen: 23.752 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VW008389.D
Acq: 22 Jan 2019 15:30

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.7	50.1	150.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.962 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW008389.D

Acq: 22 Jan 2019 15:30

Instrument :

MSVOA_W

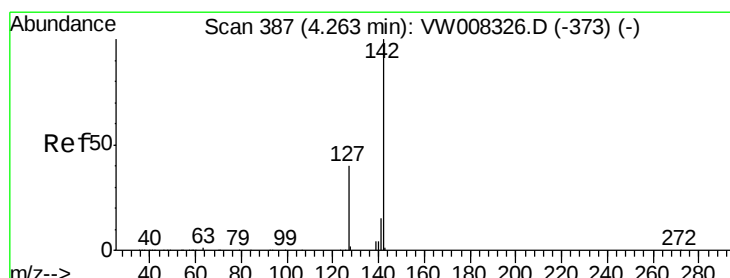
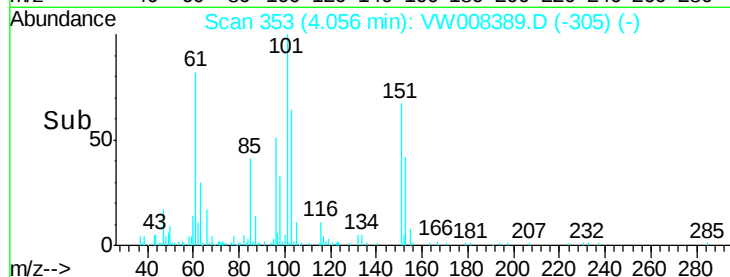
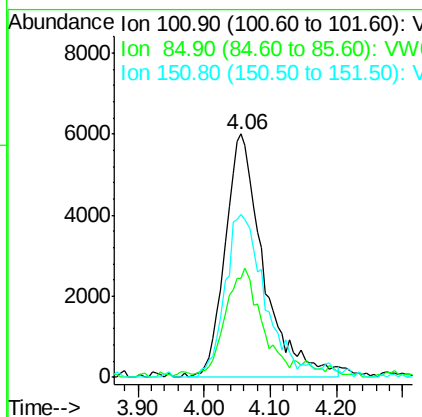
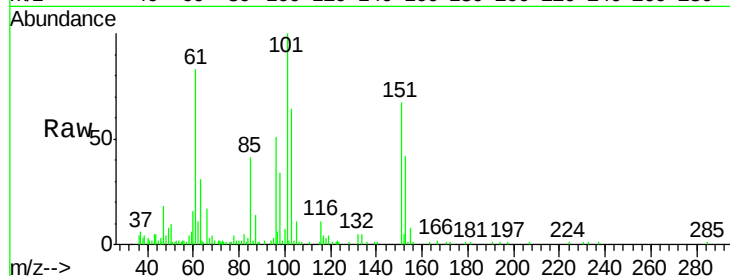
ClientSampleId :

VW0122SBSD01

Tot Ion:	101	Resp:	24045
Ion Ratio	Lower	Upper	
101	100		
85	40.5	36.0	54.0
151	68.3	62.3	93.5

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#10

Methyl Iodide

Concen: 18.858 ug/l

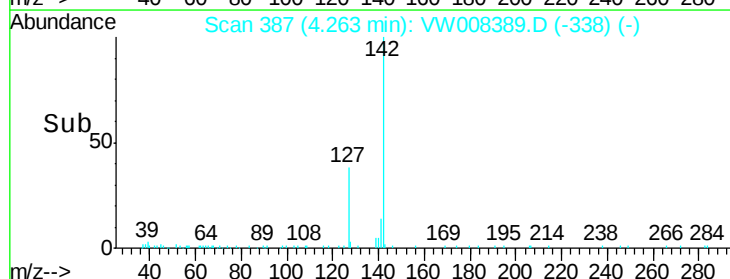
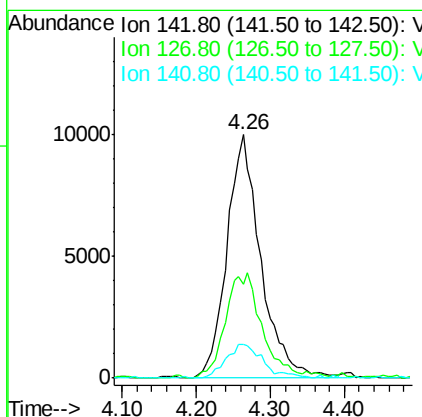
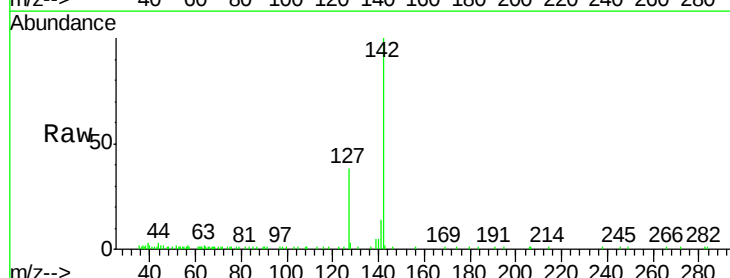
RT: 4.26 min Scan# 387

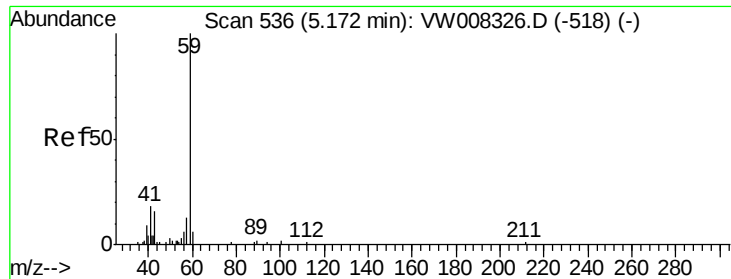
Delta R.T. 0.00 min

Lab File: VW008389.D

Acq: 22 Jan 2019 15:30

Tgt Ion:	142	Resp:	31849
Ion Ratio	Lower	Upper	
142	100		
127	46.0	34.3	51.5
141	15.2	12.2	18.2





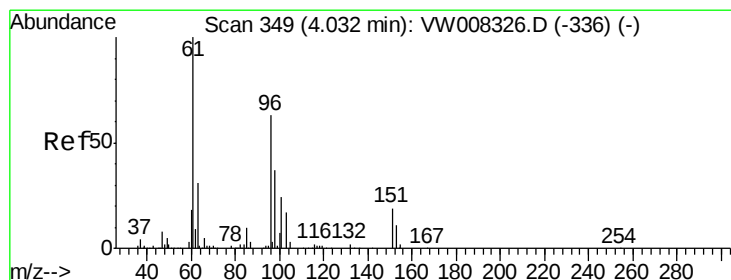
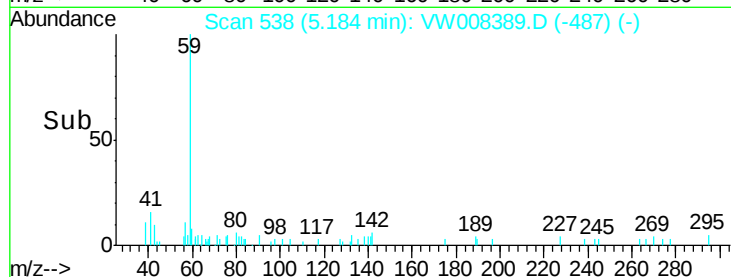
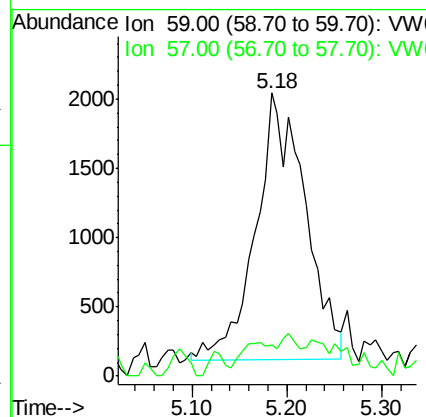
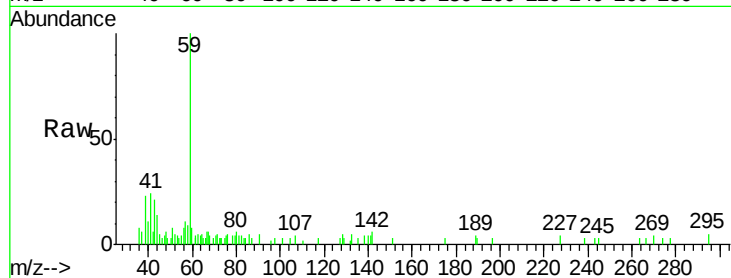
#11
Tert butyl alcohol
Concen: 96.344 ug/l m
RT: 5.18 min Scan# 538
Delta R.T. 0.01 min
Lab File: VW008389.D
Acq: 22 Jan 2019 15:30

Instrument :
MSVOA_W
ClientSampleId :
VW0122SBS01

Tot Ion: 59 Resp: 7004
Ion Ratio Lower Upper
59 100
57 4.6 9.4 14.2#

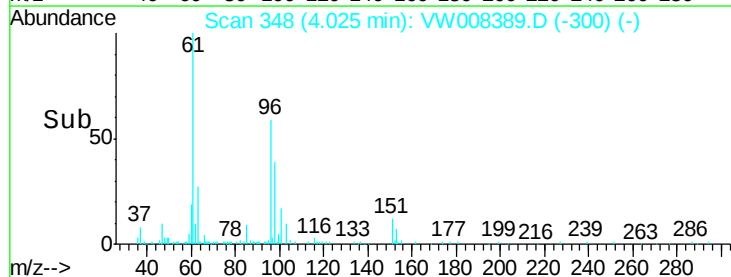
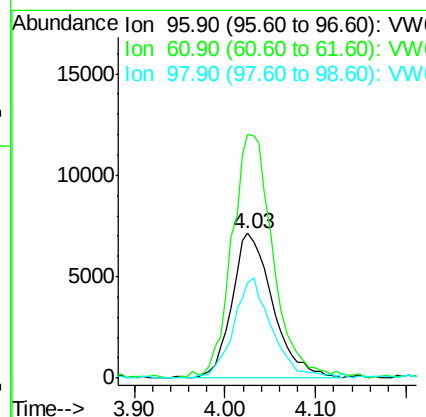
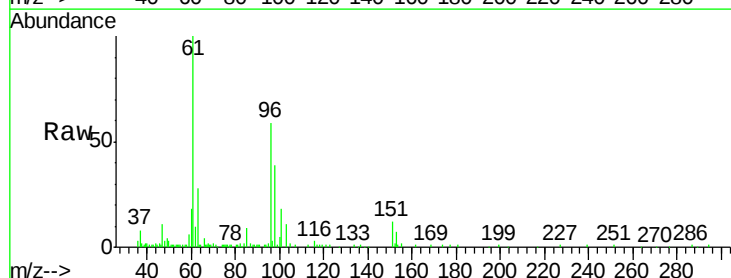
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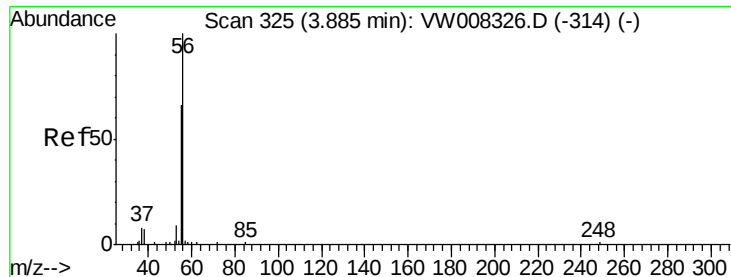
MMDadoda
1/23/2019 11:42:34 AM



#12
1,1-Dichloroethene
Concen: 21.014 ug/l
RT: 4.03 min Scan# 348
Delta R.T. -0.01 min
Lab File: VW008389.D
Acq: 22 Jan 2019 15:30

Tgt Ion: 96 Resp: 22381
Ion Ratio Lower Upper
96 100
61 165.0 126.4 189.6
98 65.8 46.7 70.1





#13

Acrolein

Concen: 80.847 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.01 min

Lab File: VW008389.D

Acq: 22 Jan 2019 15:30

Instrument :

MSVOA_W

ClientSampleId :

VW0122SBSD01

Tot Ion: 56 Resp: 5678

Ion Ratio Lower Upper

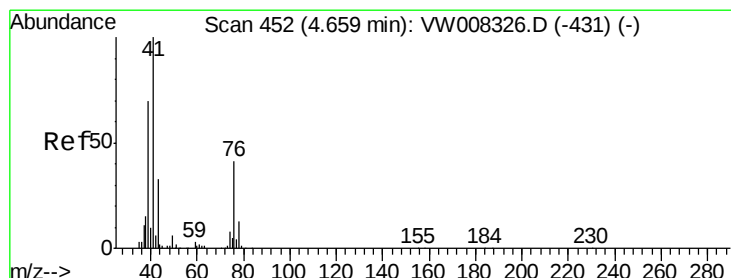
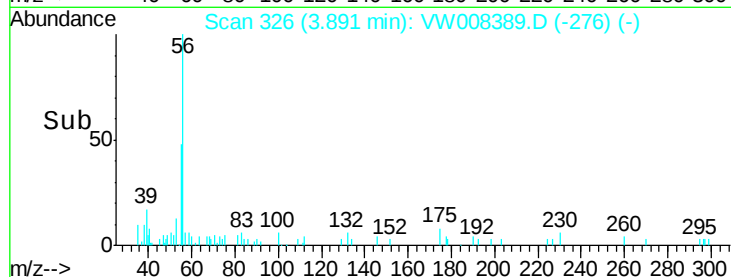
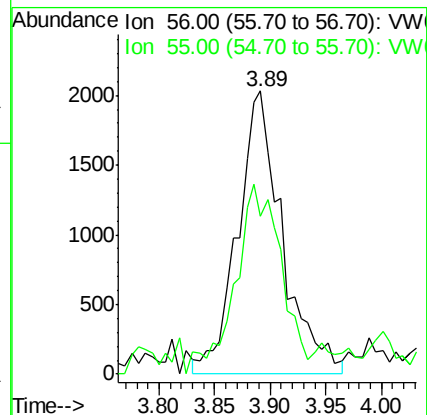
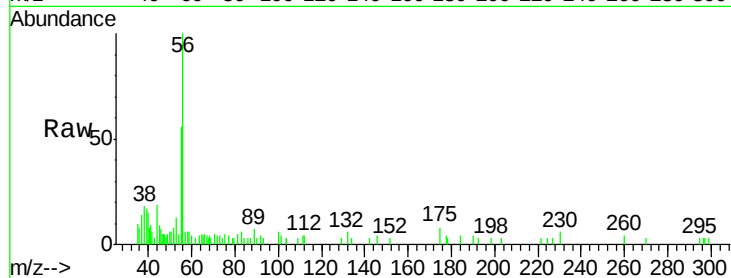
56 100

55 68.7 52.9 79.3

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#14

Allyl chloride

Concen: 22.073 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW008389.D

Acq: 22 Jan 2019 15:30

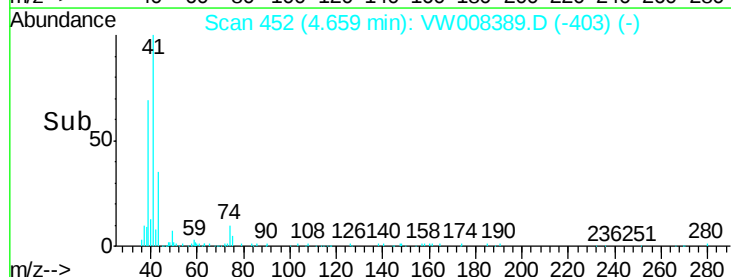
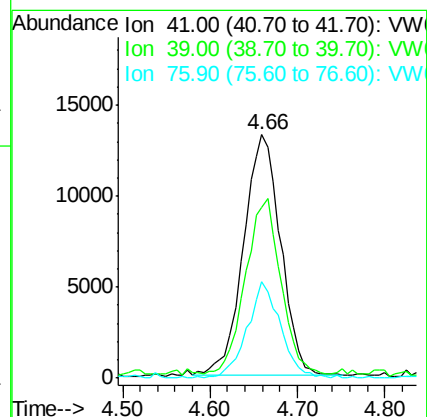
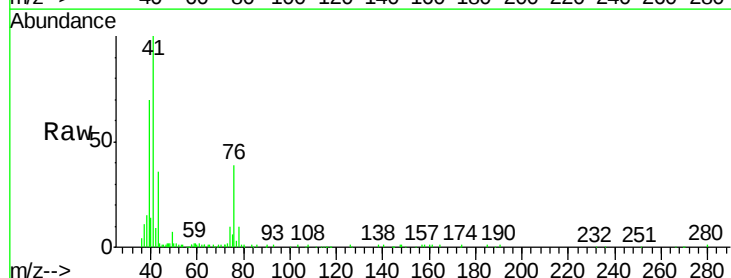
Tgt Ion: 41 Resp: 39301

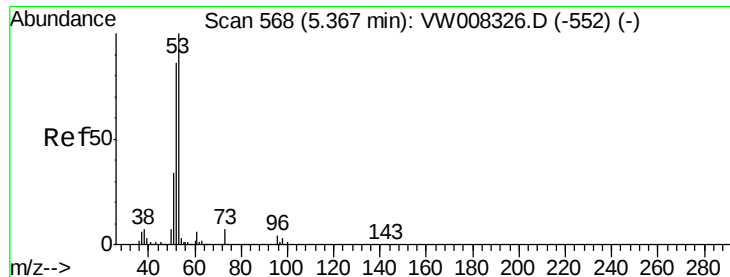
Ion Ratio Lower Upper

41 100

39 68.9 54.1 81.1

76 35.7 29.5 44.3





#15

Acrylonitrile

Concen: 119.460 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW008389.D

Acq: 22 Jan 2019 15:30

Instrument :

MSVOA_W

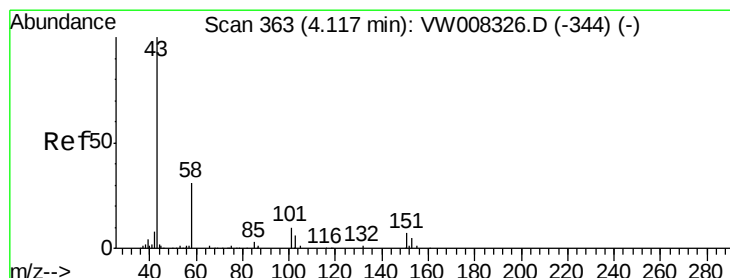
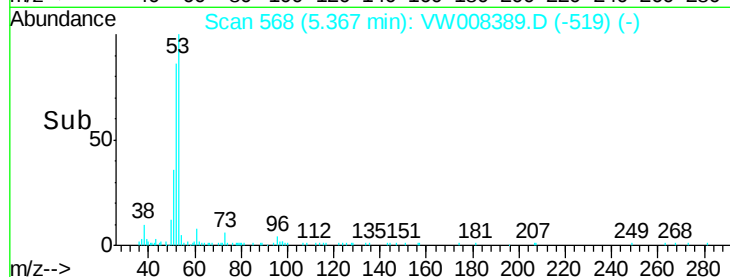
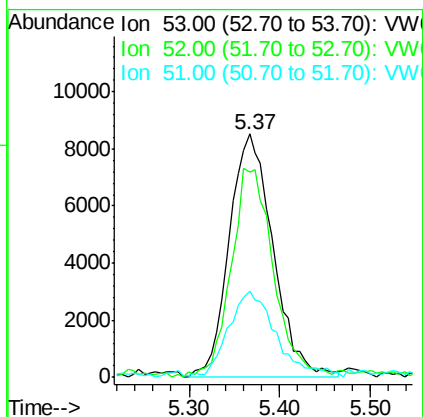
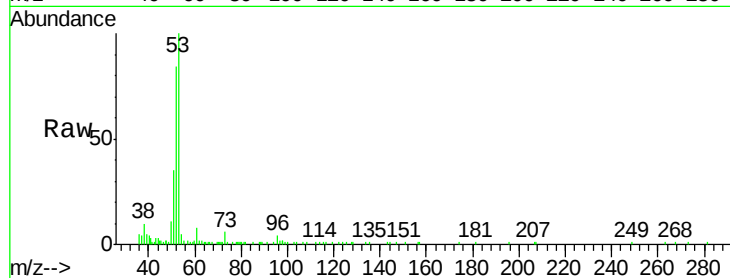
ClientSampleId :

VW0122SBS01

Tot Ion:	53	Resp:	28621
Ion Ratio	Lower	Upper	
53	100		
52	82.8	66.4	99.6
51	38.6	29.6	44.4

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#16

Acetone

Concen: 109.400 ug/l

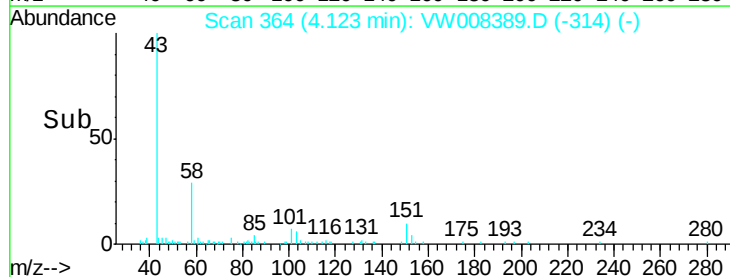
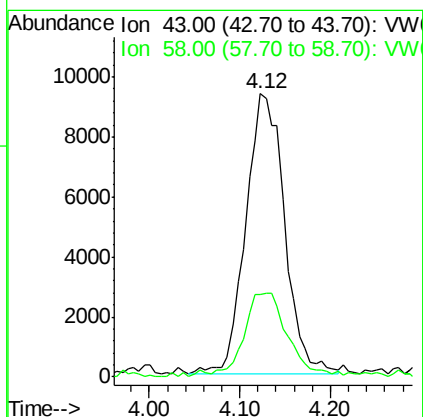
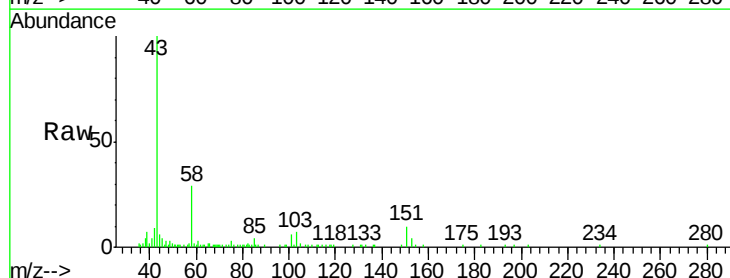
RT: 4.12 min Scan# 364

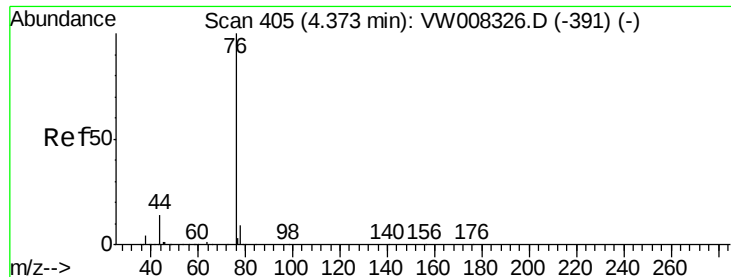
Delta R.T. 0.01 min

Lab File: VW008389.D

Acq: 22 Jan 2019 15:30

Tgt Ion:	43	Resp:	27432
Ion Ratio	Lower	Upper	
43	100		
58	29.6	24.7	37.1





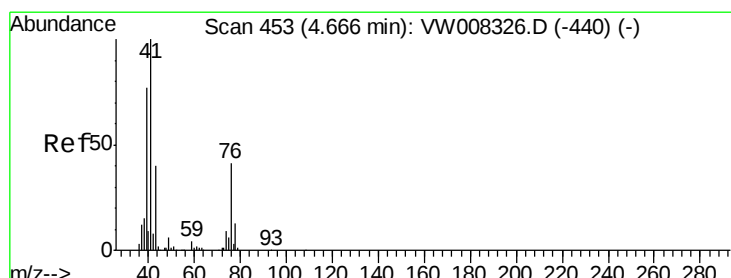
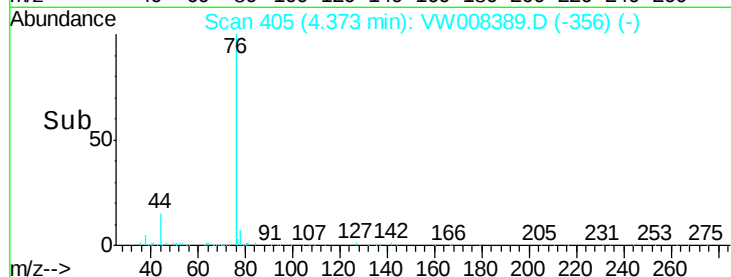
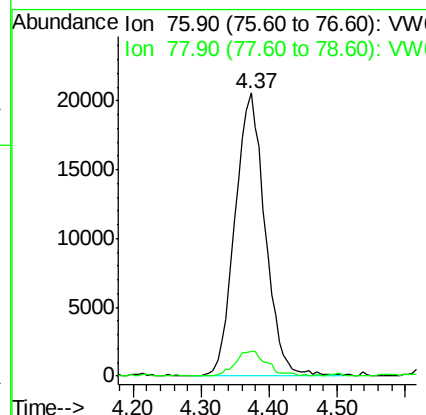
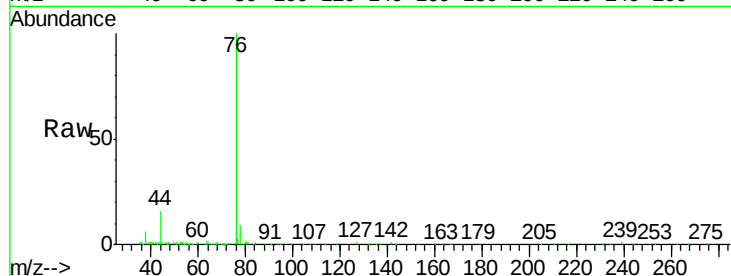
#17
Carbon Disulfide
Concen: 19.537 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: VW008389.D
Acq: 22 Jan 2019 15:30

Instrument :
MSVOA_W
ClientSampleId :
VW0122SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.3	7.0	10.4

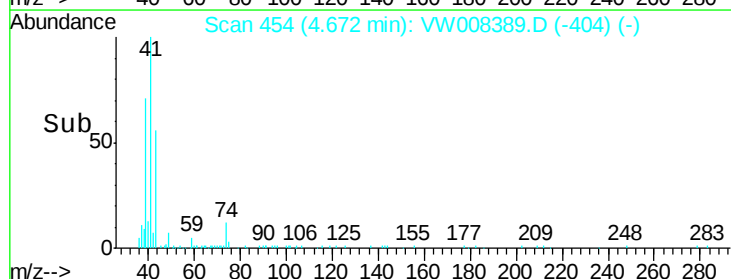
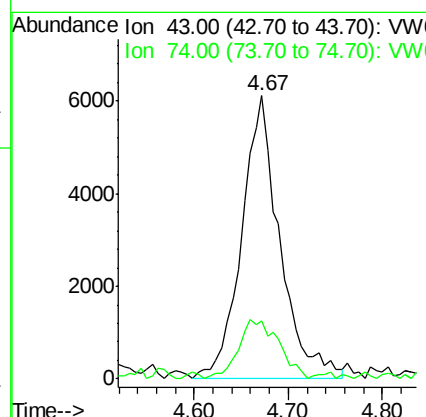
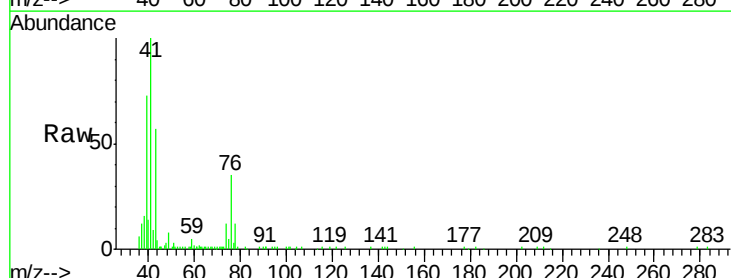
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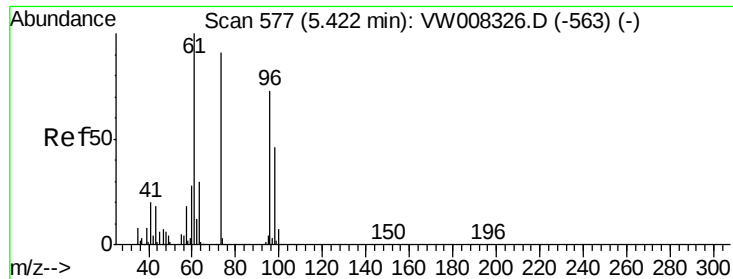
MMDadoda
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#18
Methyl Acetate
Concen: 25.880 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW008389.D
Acq: 22 Jan 2019 15:30

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.2	19.4	29.0





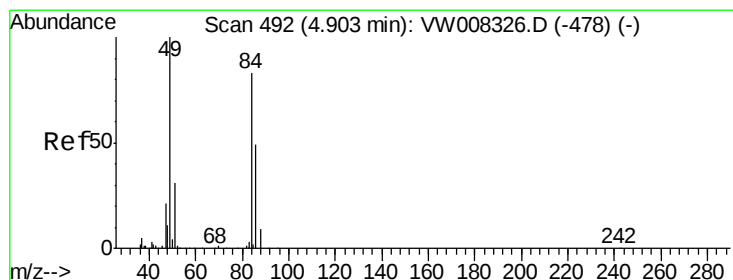
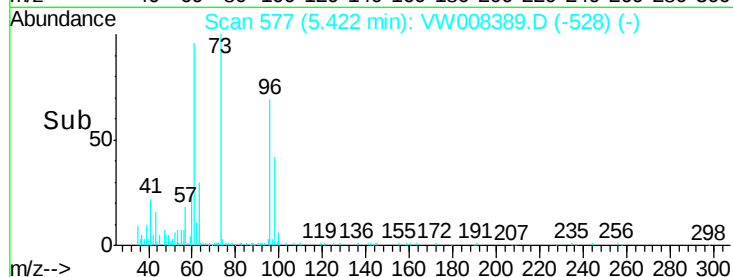
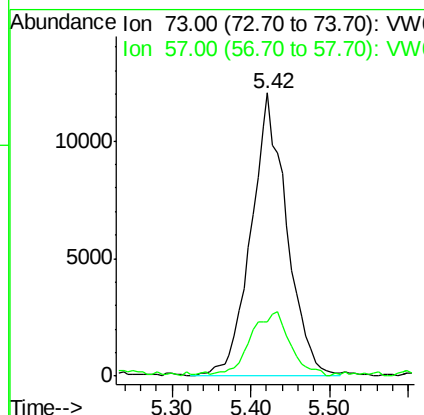
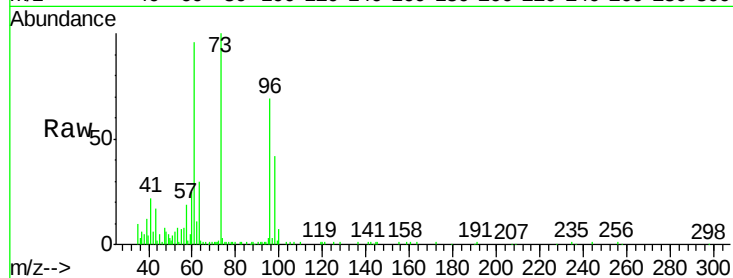
#19
Methvl tert-butvl Ether
Concen: 23.258 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW008389.D
Acq: 22 Jan 2019 15:30

Instrument :
MSVOA_W
ClientSampleId :
VW0122SBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	18.5	16.3	24.5

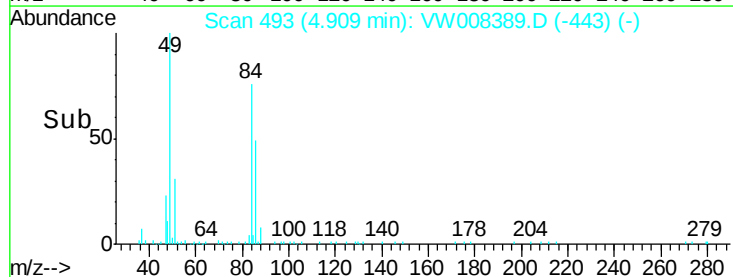
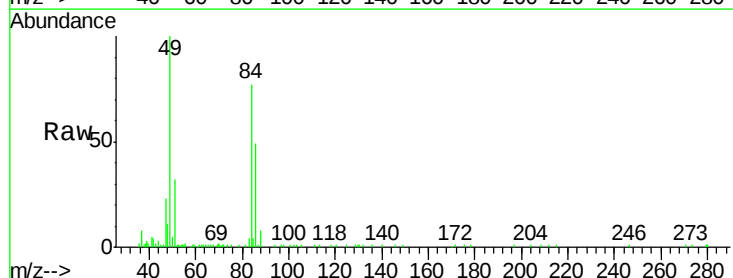
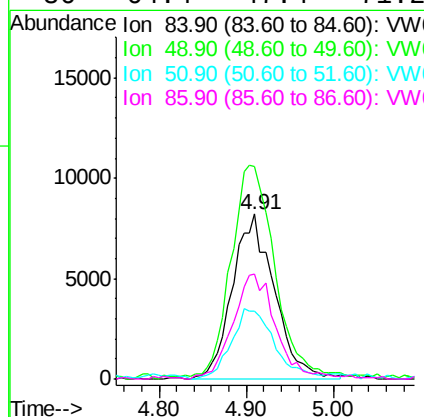
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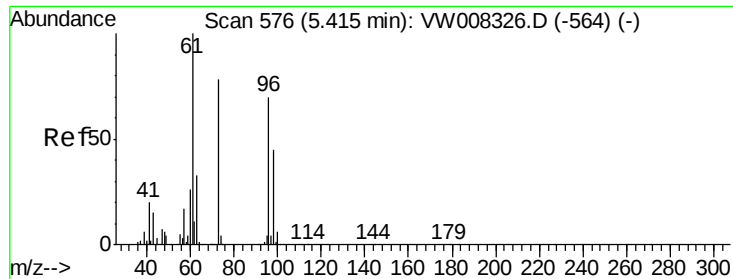
MMDadoda
1/23/2019 11:42:34 AM



#20
Methylene Chloride
Concen: 21.573 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.01 min
Lab File: VW008389.D
Acq: 22 Jan 2019 15:30

Tgt Ion	Ratio	Lower	Upper
84	100		
49	127.9	95.9	143.9
51	40.0	29.3	43.9
86	64.4	47.4	71.2





#21

trans-1,2-Dichloroethene

Concen: 21.366 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW008389.D

Acq: 22 Jan 2019 15:30

Instrument :

MSVOA_W

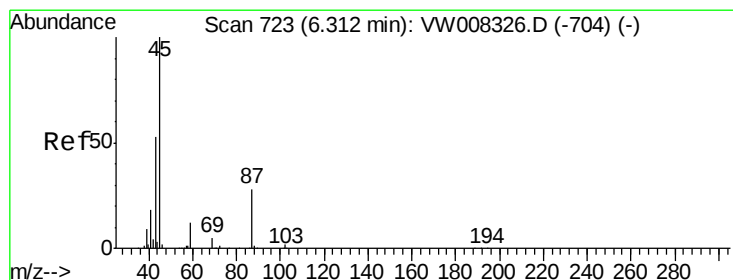
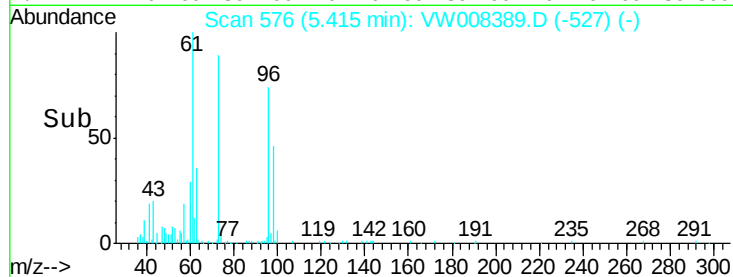
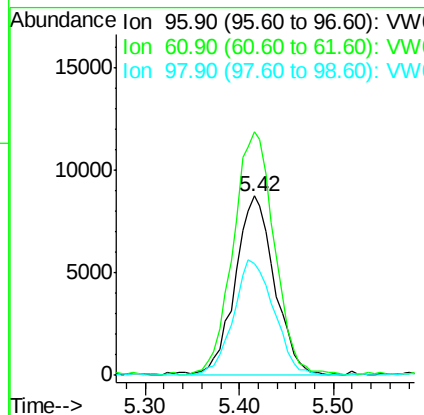
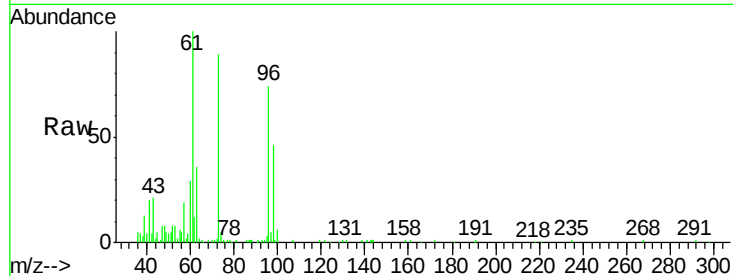
ClientSampleId :

VW0122SBS01

Tot Ion:	96	Resp:	25558
Ion	Ratio	Lower	Upper
96	100		
61	134.5	114.5	171.7
98	62.2	52.0	78.0

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#22

Diisopropyl ether

Concen: 23.887 ug/l

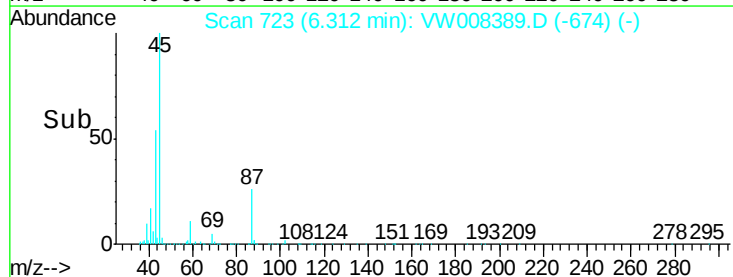
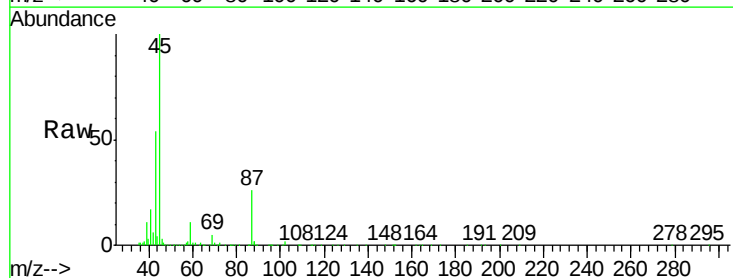
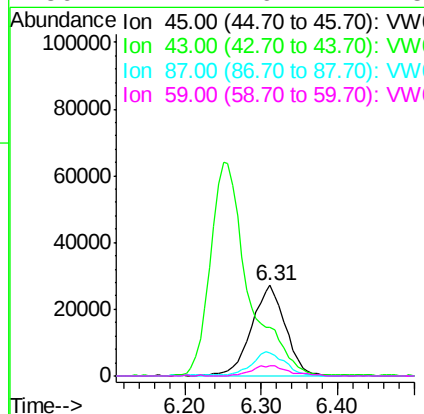
RT: 6.31 min Scan# 723

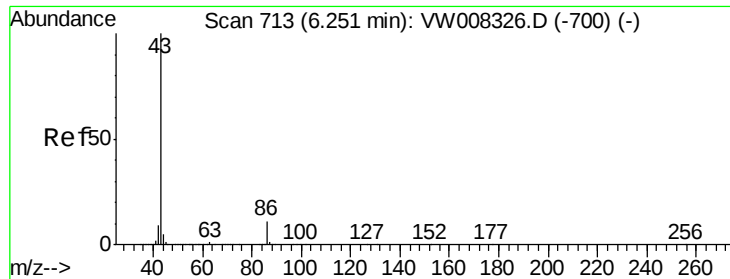
Delta R.T. 0.00 min

Lab File: VW008389.D

Acq: 22 Jan 2019 15:30

Tgt Ion:	45	Resp:	83032
Ion	Ratio	Lower	Upper
45	100		
43	53.1	42.5	63.7
87	25.9	22.2	33.2
59	11.4	9.7	14.5





#23

Vinyl Acetate

Concen: 118.978 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW008389.D

Acq: 22 Jan 2019 15:30

Instrument :

MSVOA_W

ClientSampleId :

VW0122SBS01

Tot Ion: 43 Resp: 221075

Ion Ratio Lower Upper

43 100

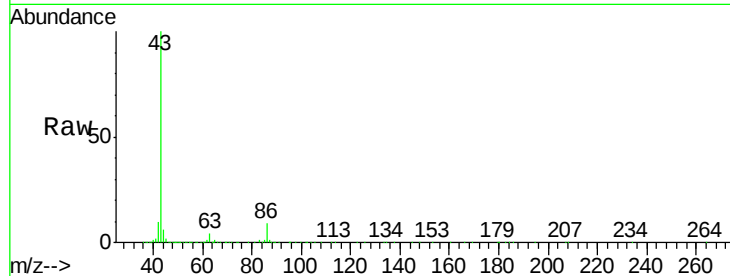
86 9.5 8.6 13.0

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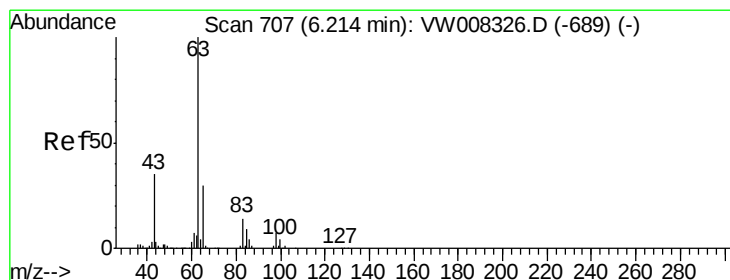
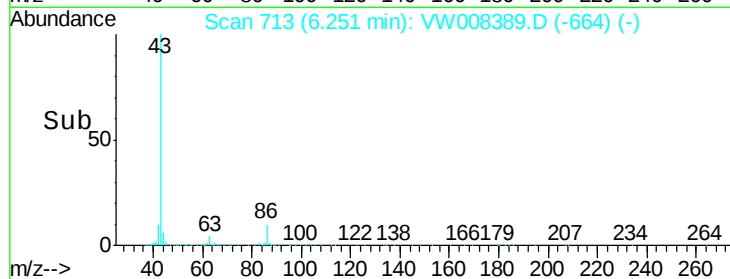
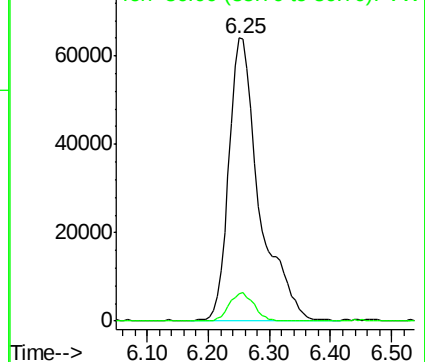
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 23.121 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW008389.D

Acq: 22 Jan 2019 15:30

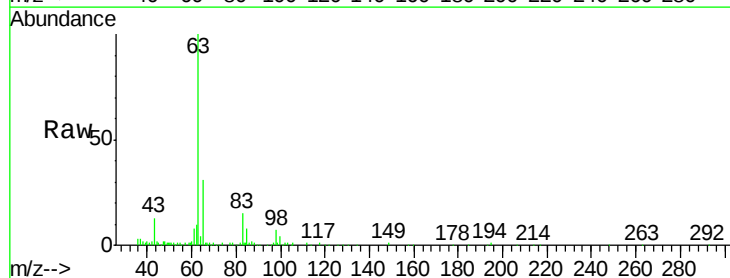
Tgt Ion: 63 Resp: 48937

Ion Ratio Lower Upper

63 100

98 6.6 3.5 10.6

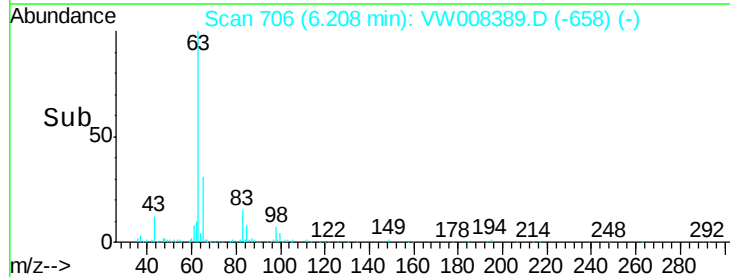
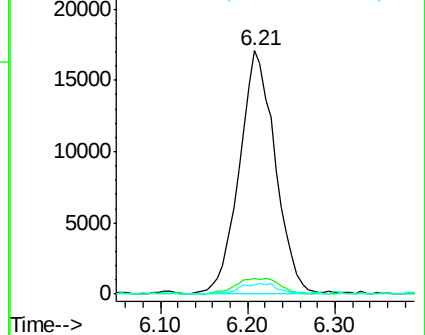
100 3.8 2.1 6.3

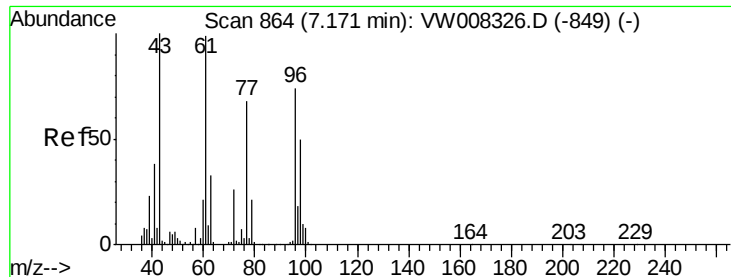


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 120.662 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW008389.D

Acq: 22 Jan 2019 15:30

Instrument :

MSVOA_W

ClientSampleId :

VW0122SBS01

Tot Ion: 43 Resp: 38752

Ion Ratio Lower Upper

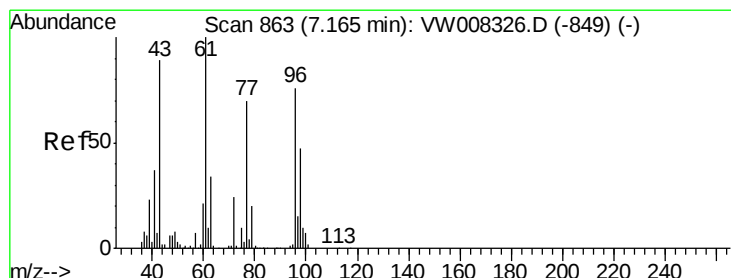
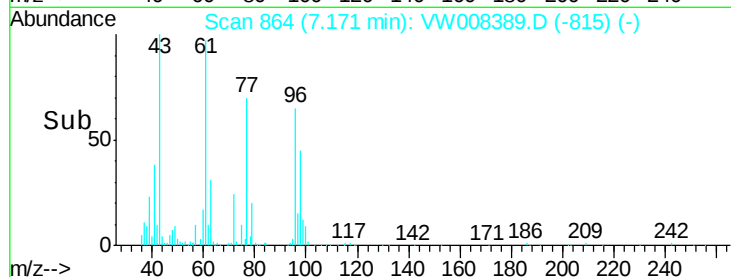
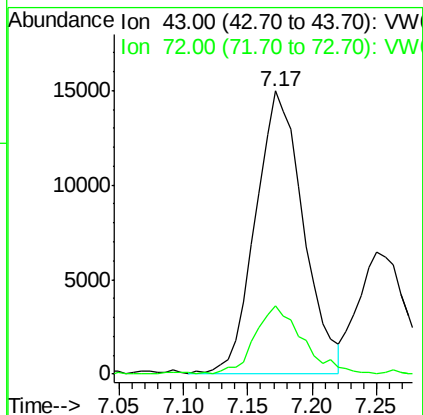
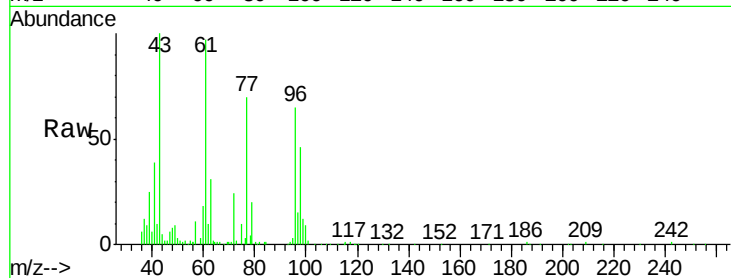
43 100

72 23.6 21.2 31.8

Manual Integrations
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1/23/2019 11:42:34 AM



#26

2,2-Dichloropropane

Concen: 23.174 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW008389.D

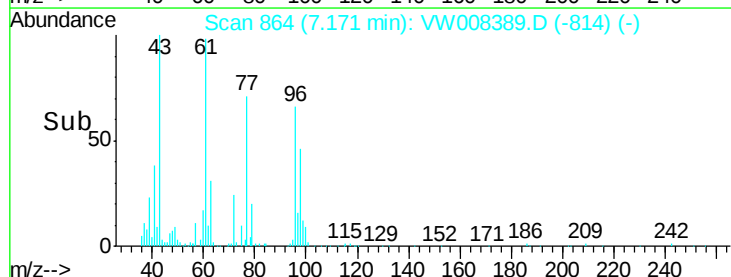
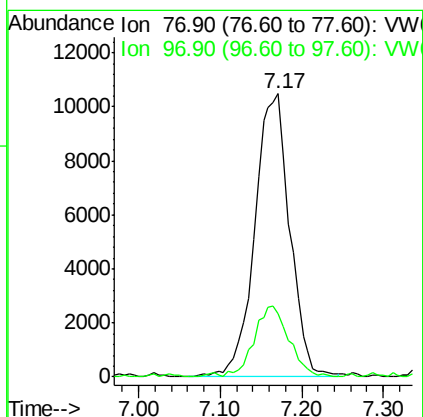
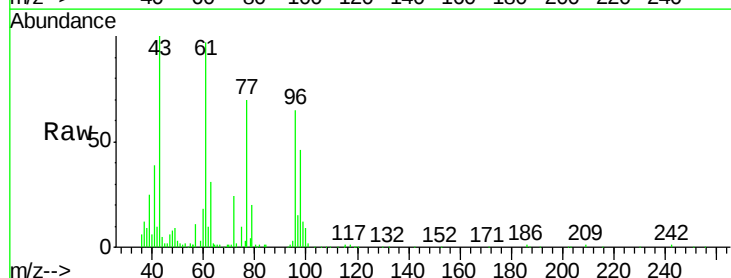
Acq: 22 Jan 2019 15:30

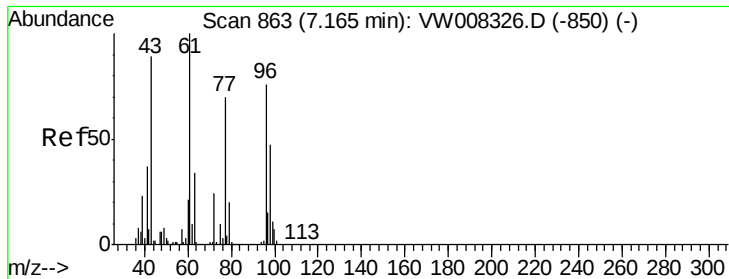
Tgt Ion: 77 Resp: 31300

Ion Ratio Lower Upper

77 100

97 24.9 11.7 35.1





#27

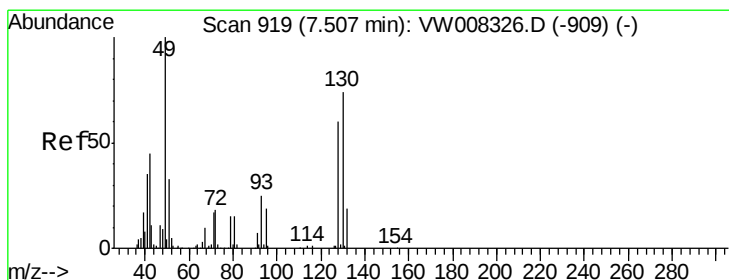
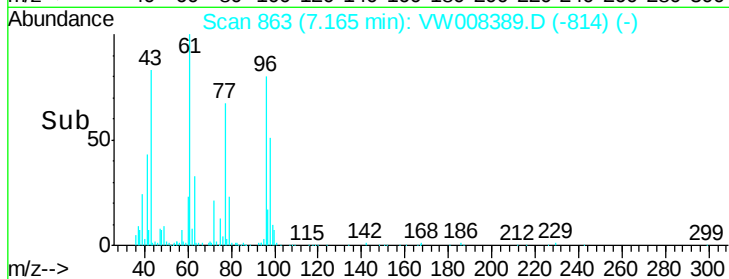
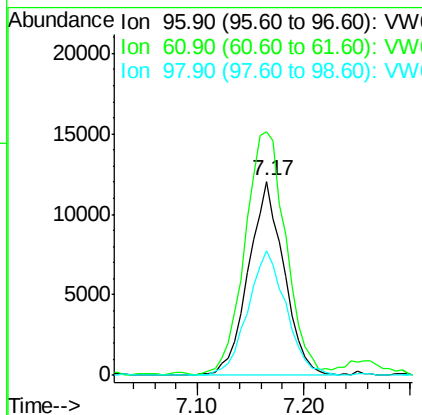
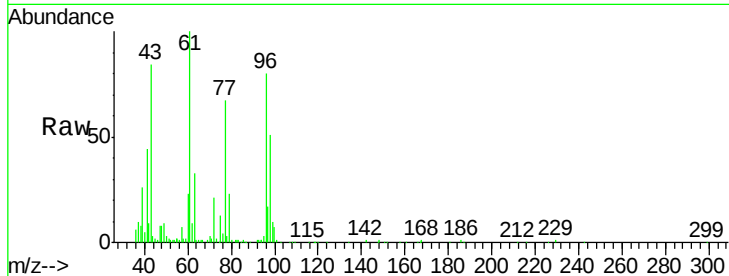
cis-1,2-Dichloroethene
 Concen: 21.827 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: VW008389.D
 Acq: 22 Jan 2019 15:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0122SBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.4	0.0	272.2
98	68.6	0.0	129.4

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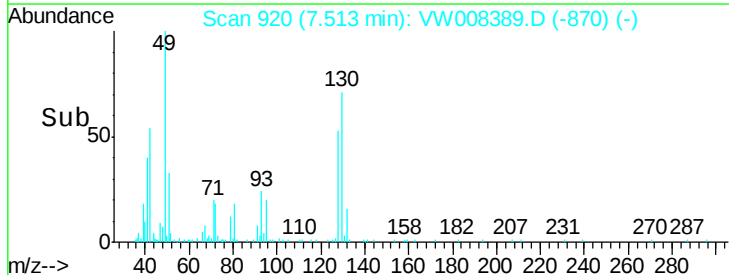
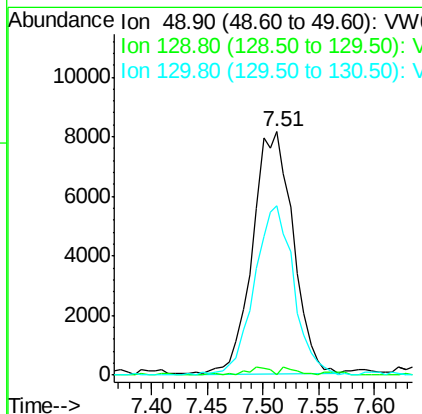
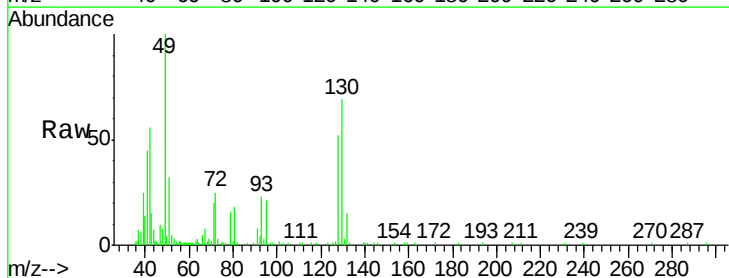
MMDadoda
 1/23/2019 11:42:34 AM

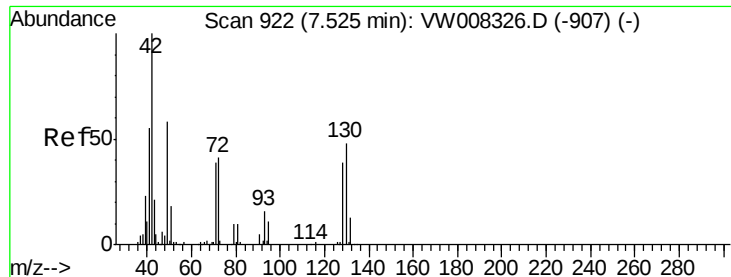


#28

Bromochloromethane
 Concen: 23.487 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.01 min
 Lab File: VW008389.D
 Acq: 22 Jan 2019 15:30

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	2.6
130	68.6	0.0	0.0#





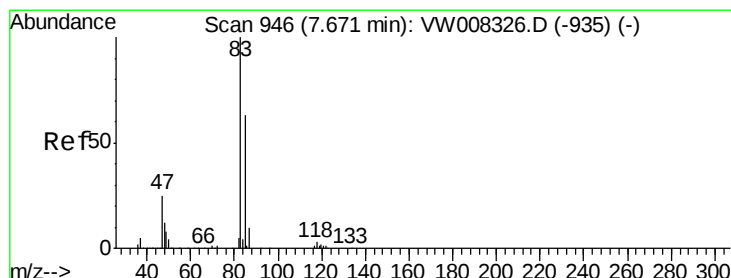
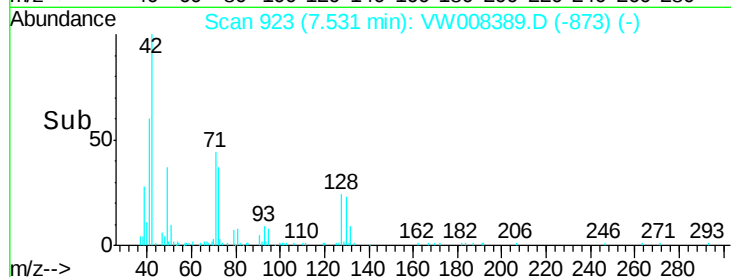
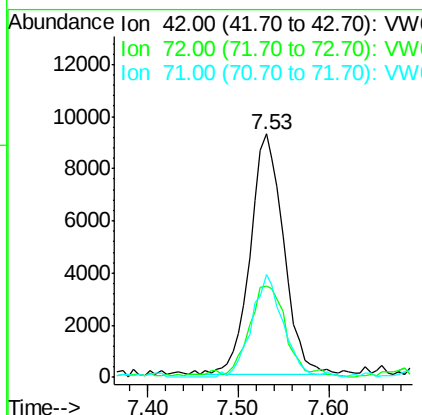
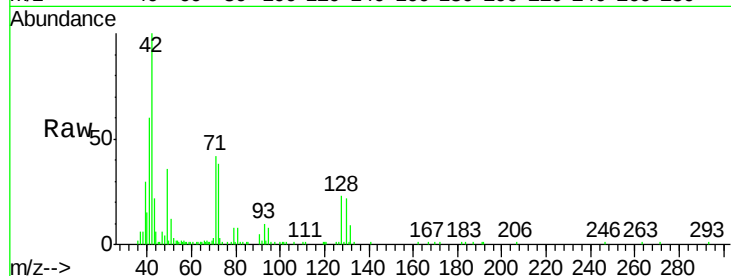
#29
Tetrahydrofuran
Concen: 118.277 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW008389.D
Acq: 22 Jan 2019 15:30

Instrument :
MSVOA_W
ClientSampleId :
VW0122SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.2	34.0	51.0
71	40.2	32.0	48.0

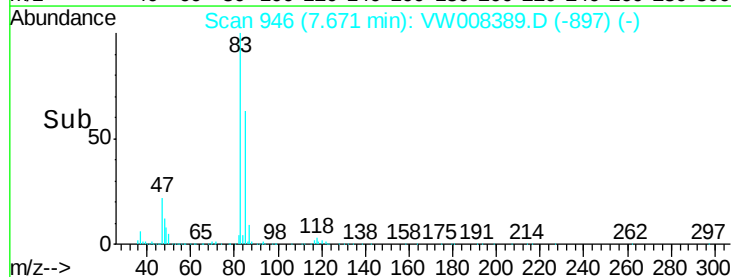
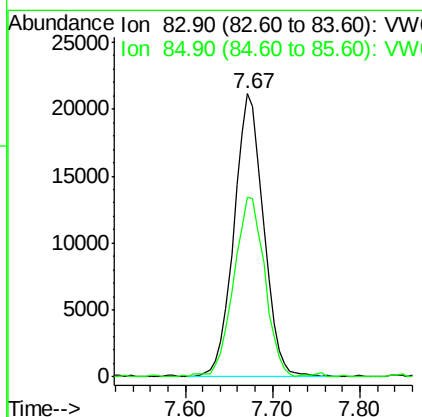
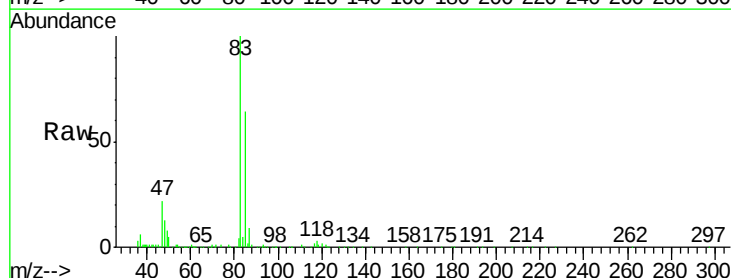
Manual Integrations
APPROVED

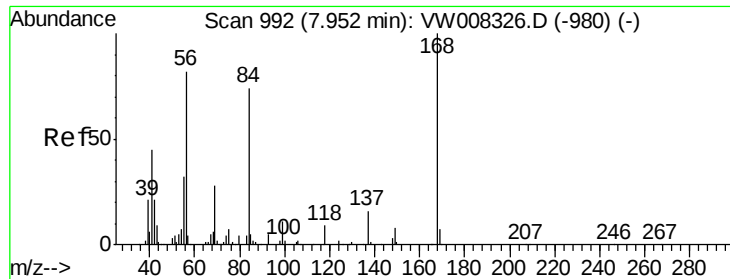
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#30
Chloroform
Concen: 23.819 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW008389.D
Acq: 22 Jan 2019 15:30

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.3	50.2	75.2





#31

Cyclohexane

Concen: 21.916 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW008389.D

Acq: 22 Jan 2019 15:30

Instrument :

MSVOA_W

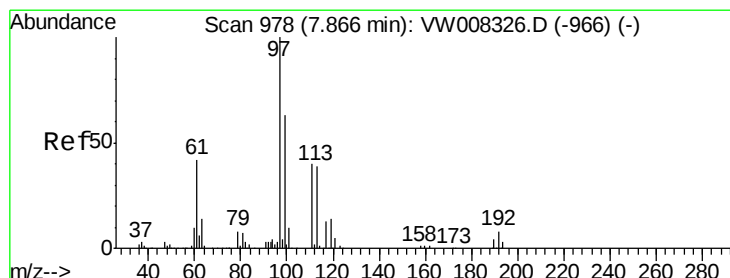
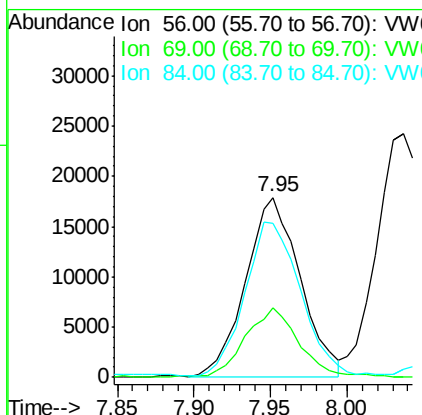
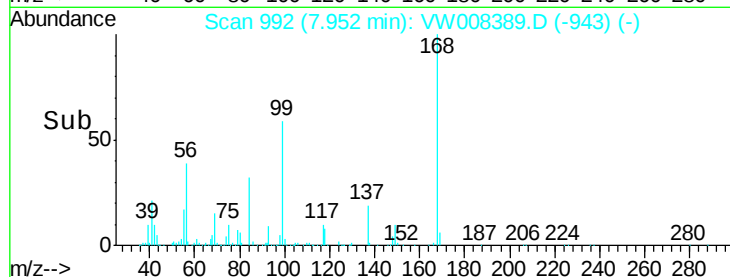
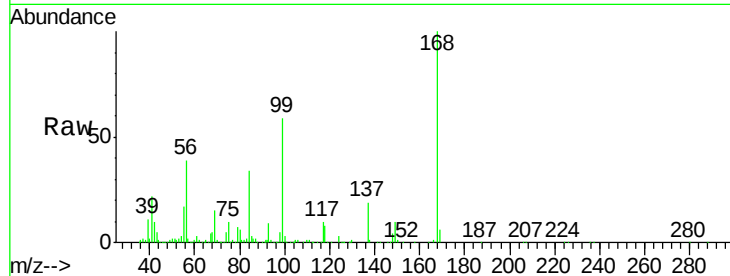
ClientSampleId :

VW0122SBS01

Tot Ion:	56	Resp:	44196
Ion Ratio	Lower	Upper	
56	100		
69	37.5	27.0	40.6
84	84.8	72.5	108.7

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 23.101 ug/l

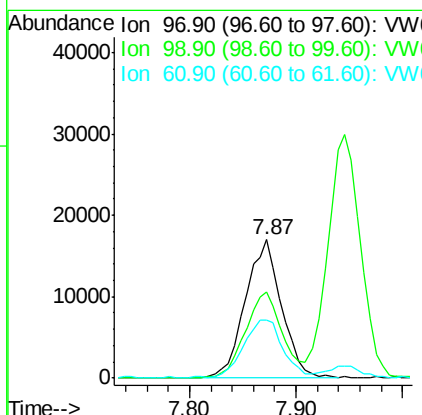
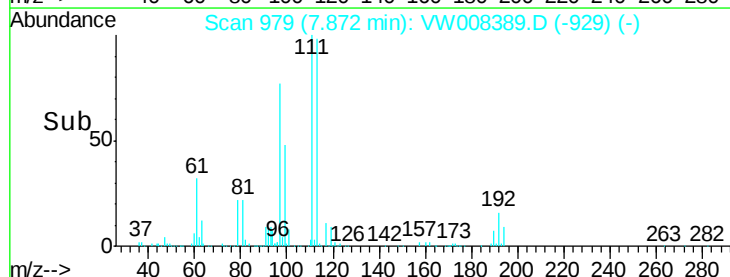
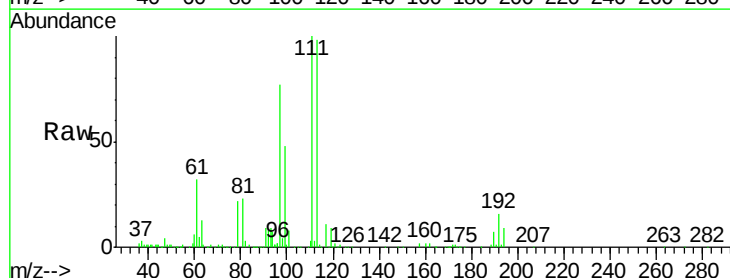
RT: 7.87 min Scan# 979

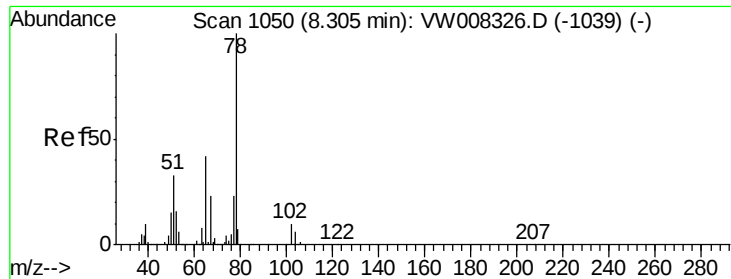
Delta R.T. 0.01 min

Lab File: VW008389.D

Acq: 22 Jan 2019 15:30

Tgt Ion:	97	Resp:	40600
Ion Ratio	Lower	Upper	
97	100		
99	64.7	51.1	76.7
61	46.2	34.0	51.0





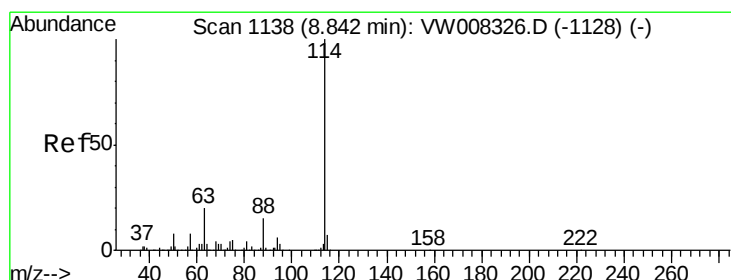
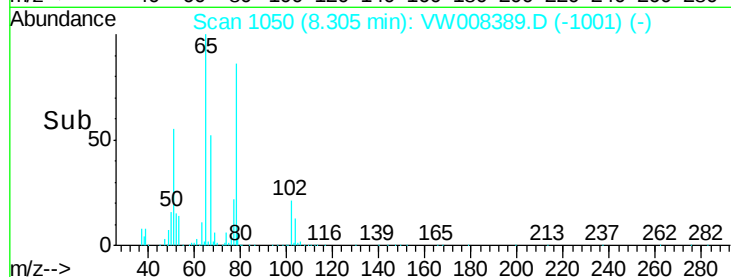
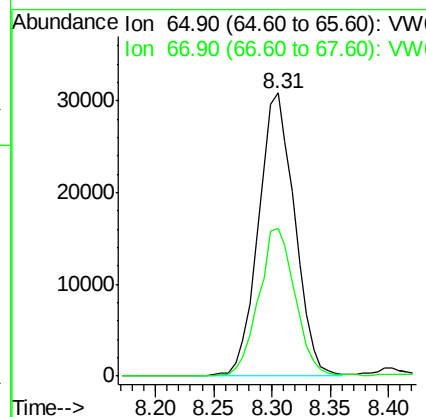
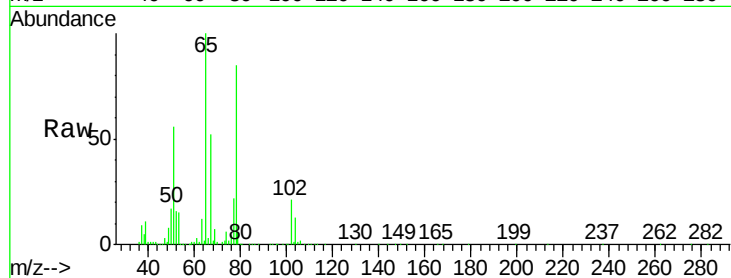
#33
 1,2-Dichloroethane-d4
 Concen: 61.451 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW008389.D
 Acq: 22 Jan 2019 15:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0122SBSD01

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	106.2

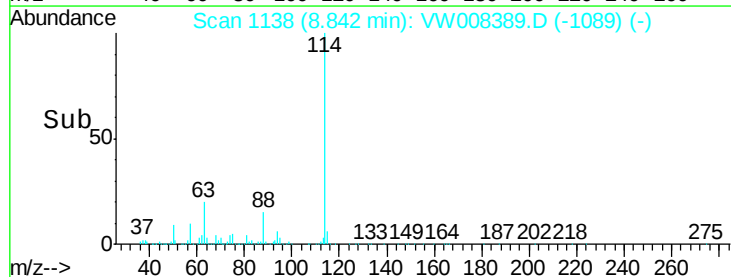
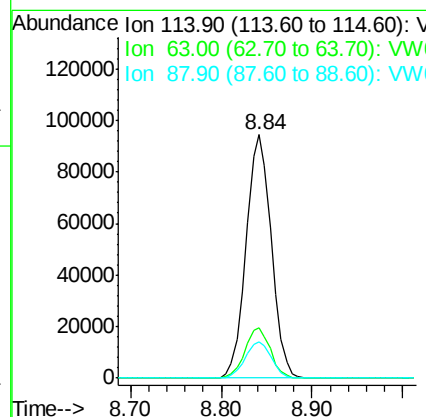
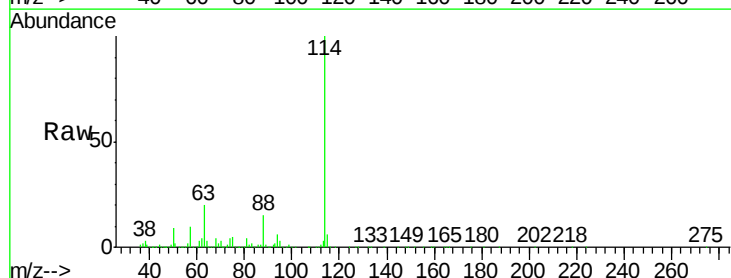
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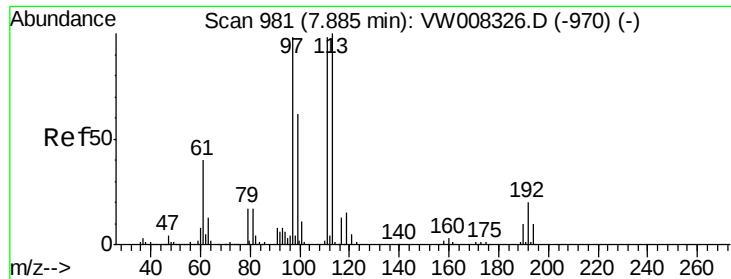
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008389.D
 Acq: 22 Jan 2019 15:30

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	40.8
88	15.1	0.0	30.4





#35

Dibromofluoromethane

Concen: 54.259 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW008389.D

Acq: 22 Jan 2019 15:30

Instrument :

MSVOA_W

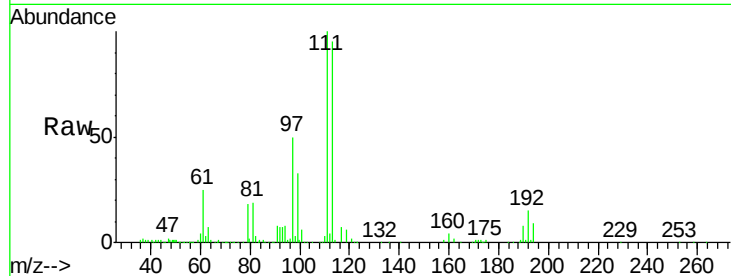
ClientSampleId :

VW0122SBSD01

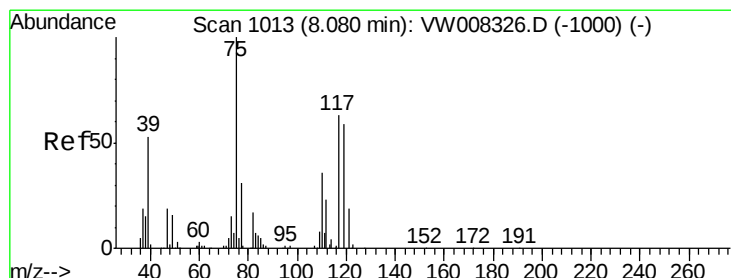
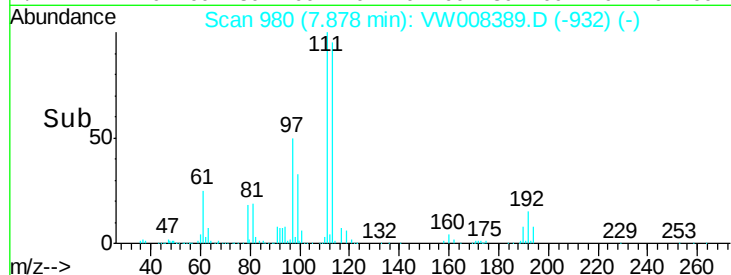
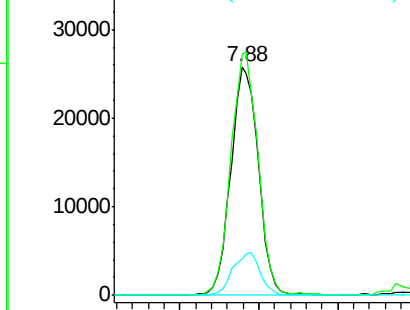
Tot Ion:	113	Resp:	62766
Ion	Ratio	Lower	Upper
113	100		
111	104.3	81.8	122.8
192	18.6	16.3	24.5

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Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 21.384 ug/l

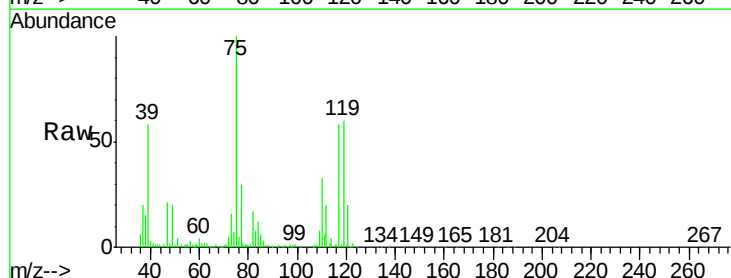
RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

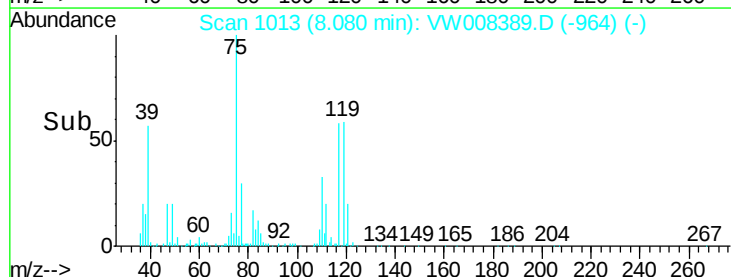
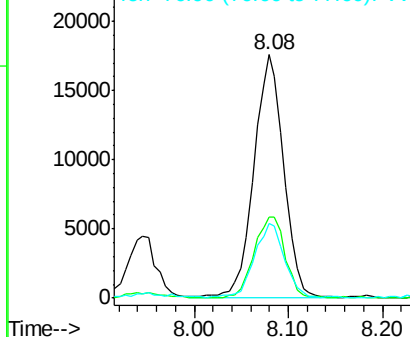
Lab File: VW008389.D

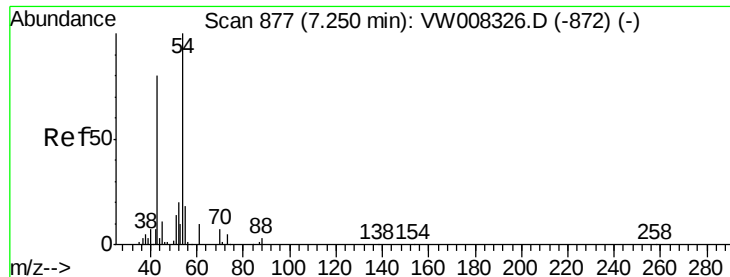
Acq: 22 Jan 2019 15:30

Tgt Ion:	75	Resp:	38988
Ion	Ratio	Lower	Upper
75	100		
110	35.0	17.5	52.6
77	31.4	25.0	37.6



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VW





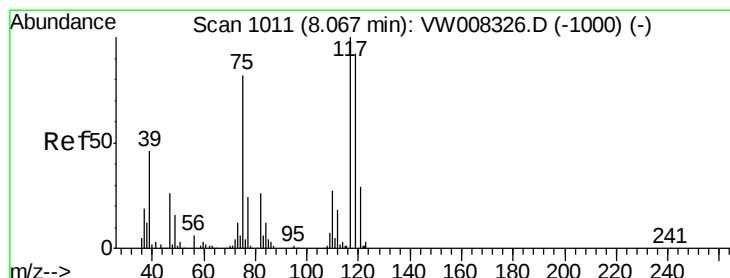
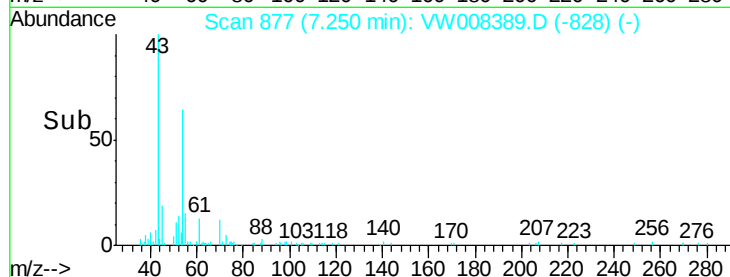
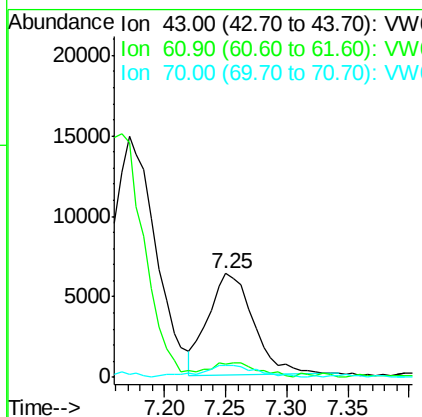
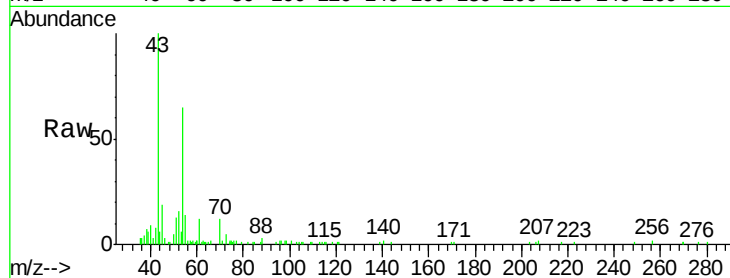
#37
Ethyl Acetate
Concen: 21.716 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW008389.D
Acq: 22 Jan 2019 15:30

Instrument :
MSVOA_W
ClientSampleId :
VW0122SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.1	11.5	17.3
70	15.0	8.8	13.2

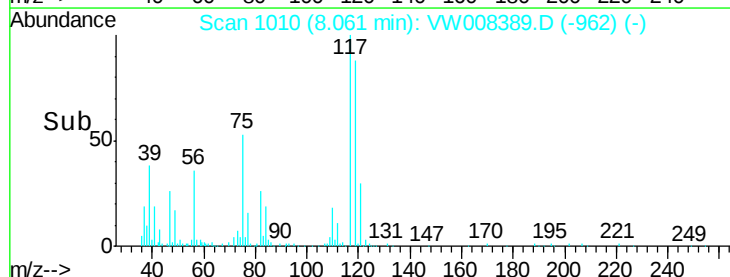
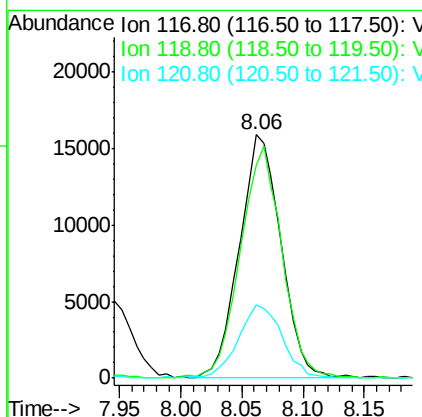
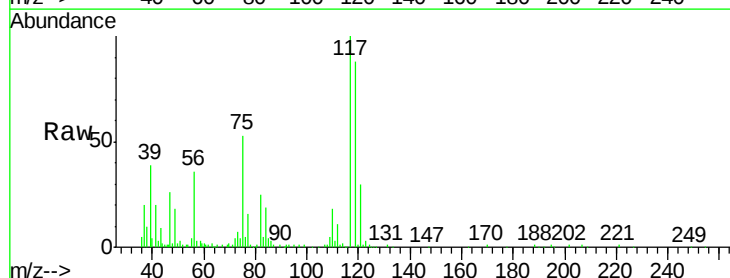
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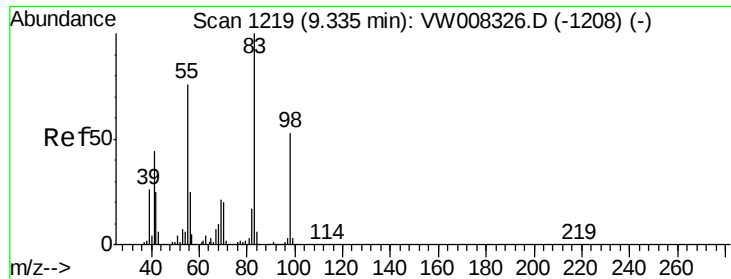
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#38
Carbon Tetrachloride
Concen: 20.830 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW008389.D
Acq: 22 Jan 2019 15:30

Tgt Ion	Ratio	Lower	Upper
117	100		
119	87.3	73.8	110.6
121	30.4	23.4	35.0





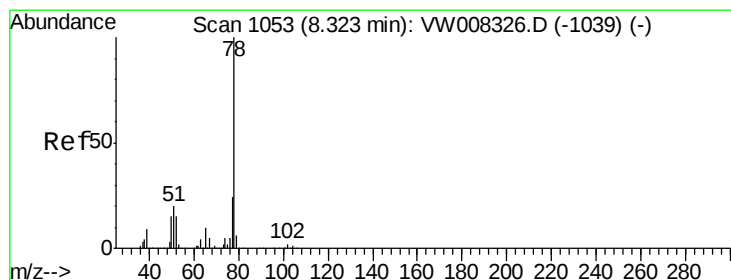
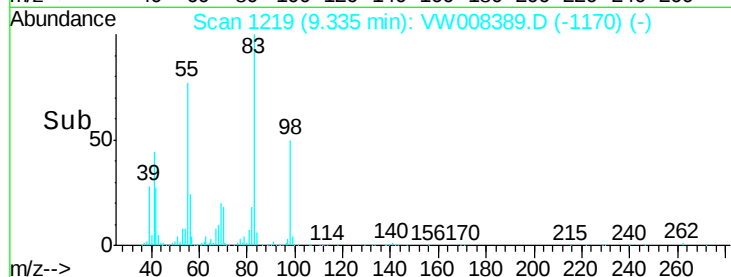
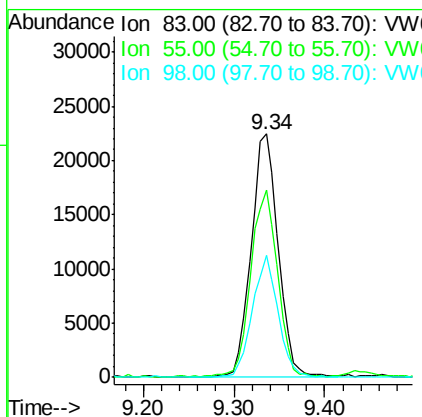
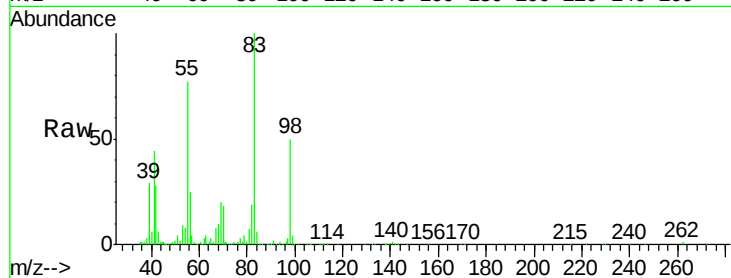
#39
Methvlcvclohexane
Concen: 21.393 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW008389.D
Acq: 22 Jan 2019 15:30

Instrument :
MSVOA_W
ClientSampleId :
VW0122SBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.1	61.1	91.7
98	49.8	42.5	63.7

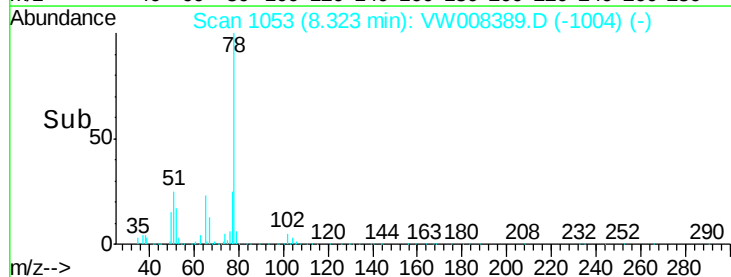
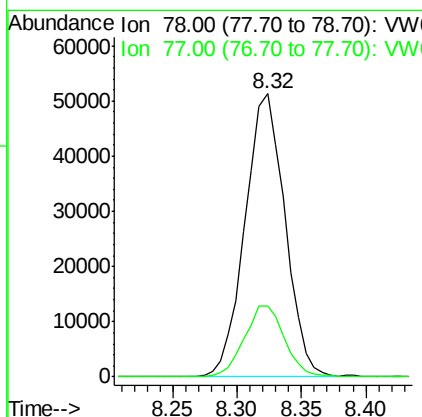
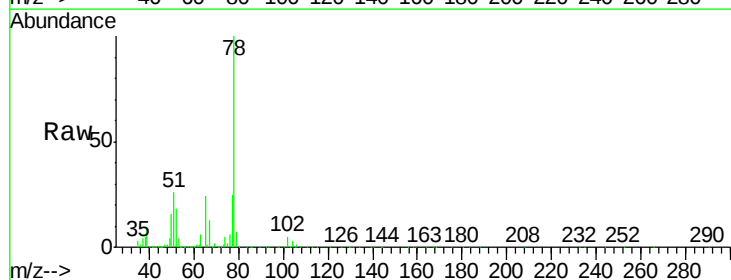
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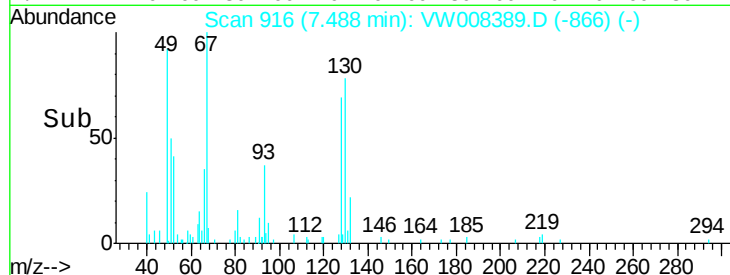
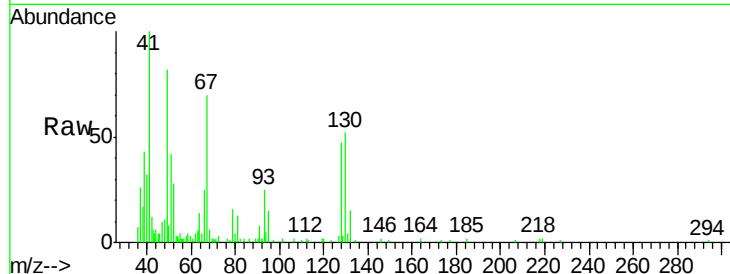
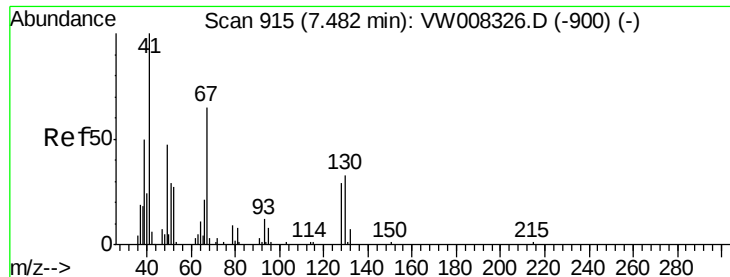
MMDadoda
1/23/2019 11:42:34 AM



#40
Benzene
Concen: 21.374 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW008389.D
Acq: 22 Jan 2019 15:30

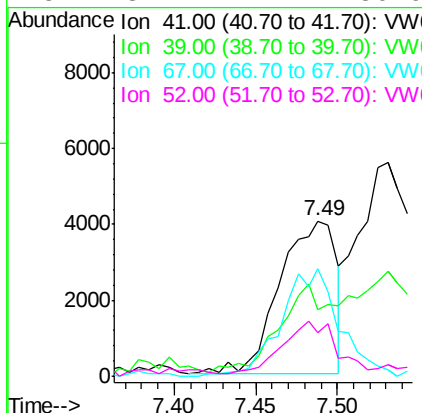
Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.1	19.4	29.0





#41
Methacrylonitrile
Concen: 22.318 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW008389.D
Acq: 22 Jan 2019 15:30

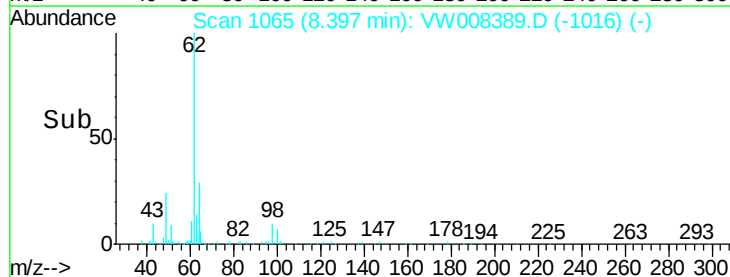
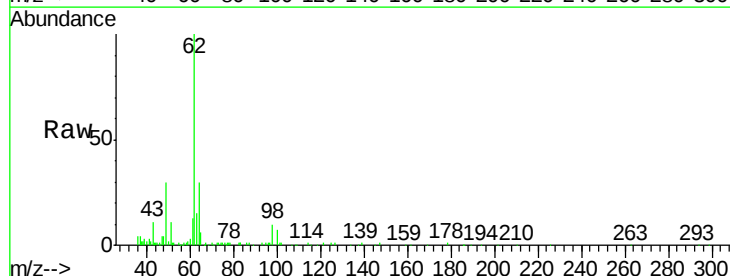
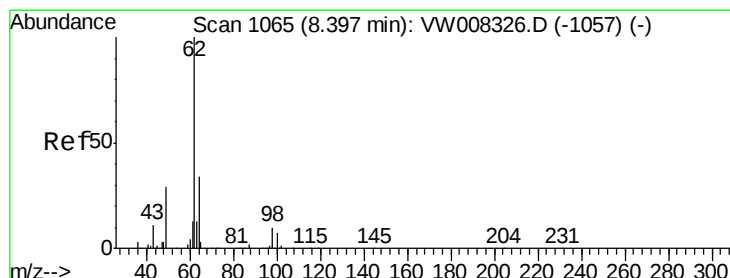
Tot Ion	41.00 (40.70 to 41.70): VW	Resp	9768
Ion	Ratio	Lower	Upper
41	100		
39	53.7	44.9	67.3
67	72.0	56.9	85.3
52	32.1	24.4	36.6



Instrument :
MSVOA_W
ClientSampleId :
VW0122SBS01

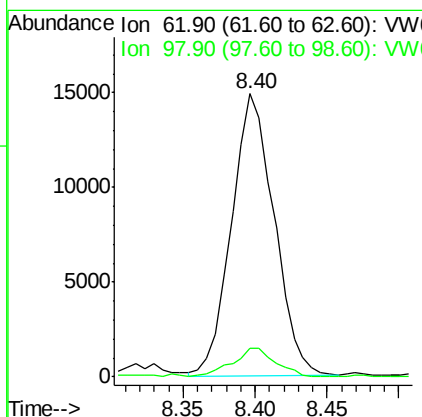
Manual Integrations
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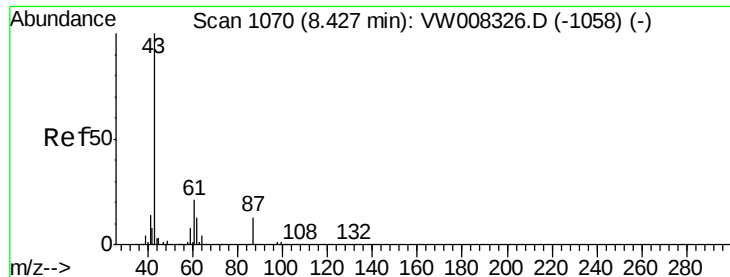
MMDadoda
1/23/2019 11:42:34 AM



#42
1,2-Dichloroethane
Concen: 21.213 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW008389.D
Acq: 22 Jan 2019 15:30

Tgt Ion	62	Resp	30635
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	19.0





#43

Isopropyl Acetate

Concen: 22.141 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW008389.D

Acq: 22 Jan 2019 15:30

Instrument :

MSVOA_W

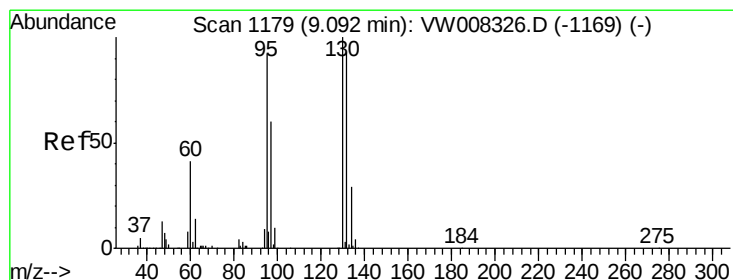
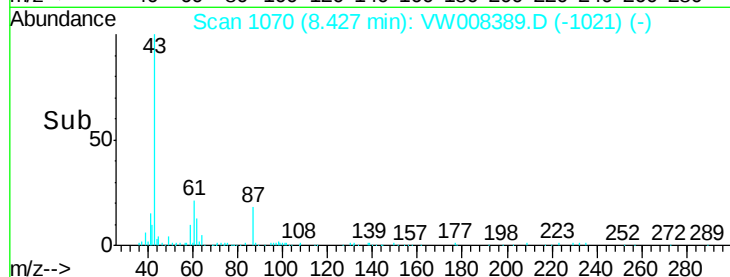
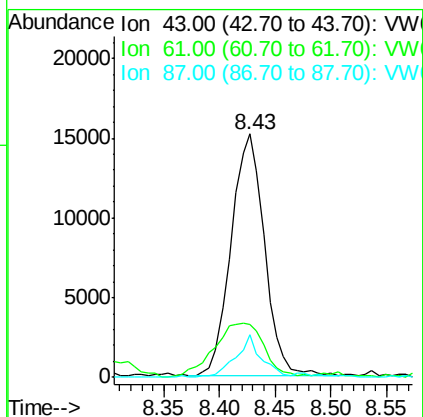
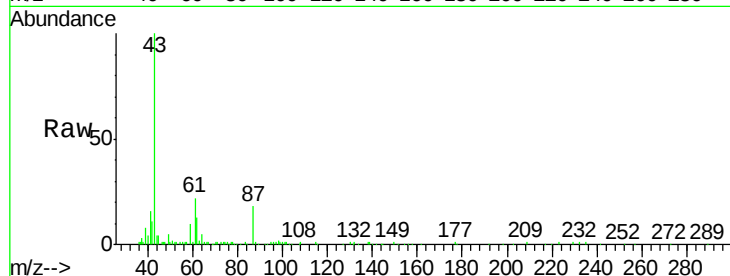
ClientSampleId :

VW0122SBS01

Tot Ion:	43	Resp:	31444
Ion	Ratio	Lower	Upper
43	100		
61	34.1	24.8	37.2
87	13.7	10.7	16.1

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#44

Trichloroethene

Concen: 20.164 ug/l

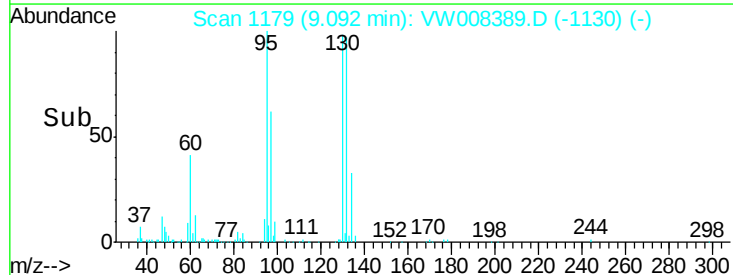
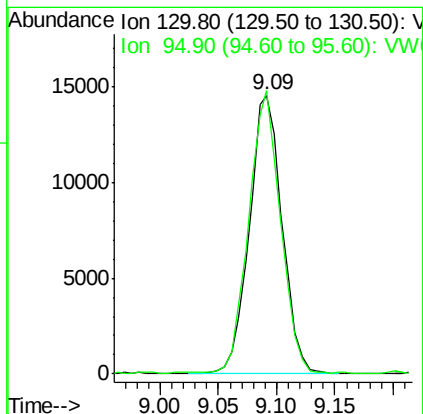
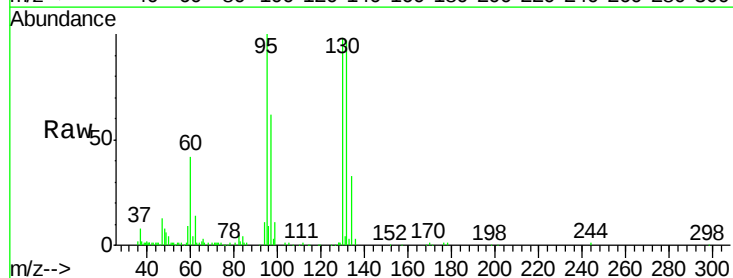
RT: 9.09 min Scan# 1179

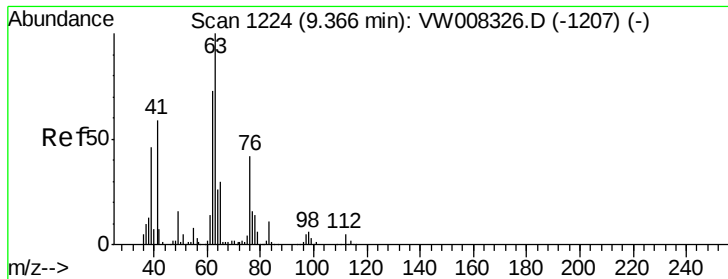
Delta R.T. 0.00 min

Lab File: VW008389.D

Acq: 22 Jan 2019 15:30

Tgt Ion:	130	Resp:	28531
Ion	Ratio	Lower	Upper
130	100		
95	101.1	0.0	184.8





#45

1,2-Dichloropropane

Concen: 22.645 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW008389.D

Acq: 22 Jan 2019 15:30

Instrument :

MSVOA_W

ClientSampleId :

VW0122SBSD01

Tot Ion: 63 Resp: 29050

Ion Ratio Lower Upper

63 100

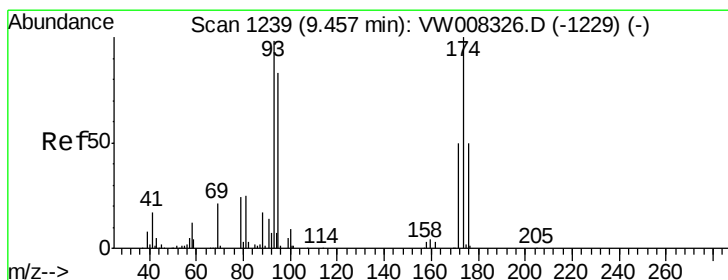
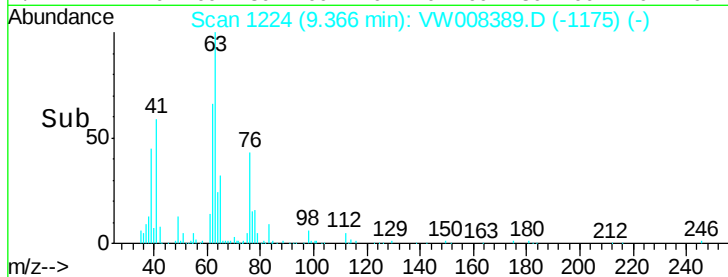
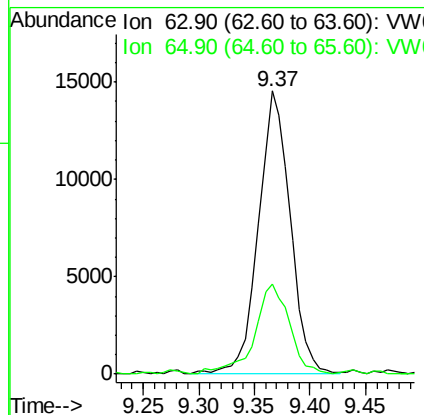
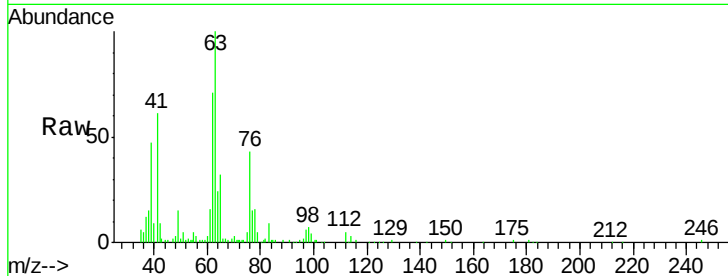
65 31.8 23.9 35.9

Manual Integrations

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1/23/2019 11:42:34 AM



#46

Dibromomethane

Concen: 21.624 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW008389.D

Acq: 22 Jan 2019 15:30

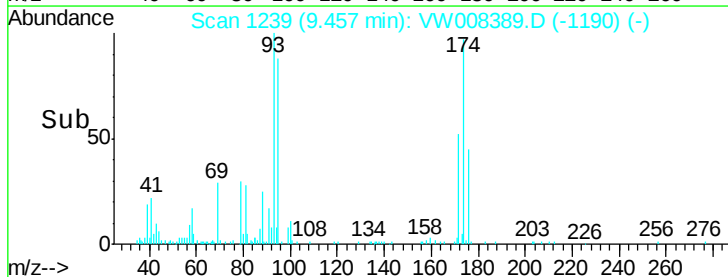
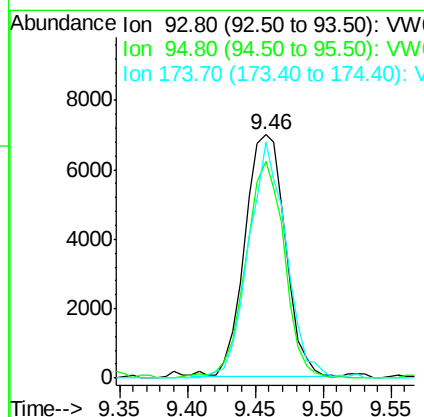
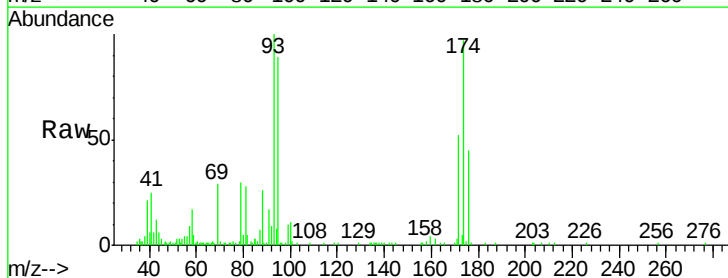
Tgt Ion: 93 Resp: 14458

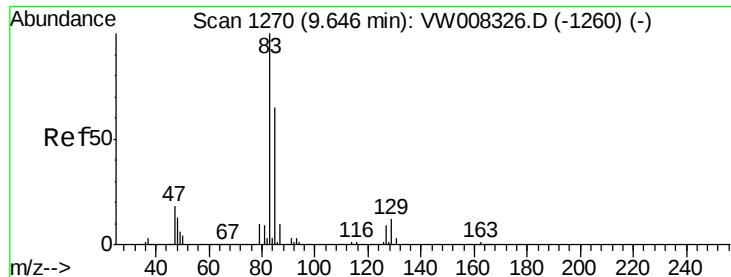
Ion Ratio Lower Upper

93 100

95 86.5 67.8 101.8

174 91.5 84.4 126.6





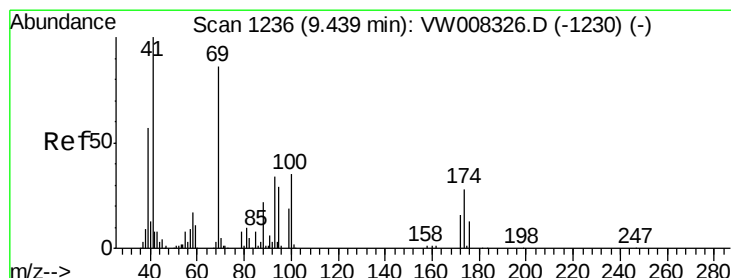
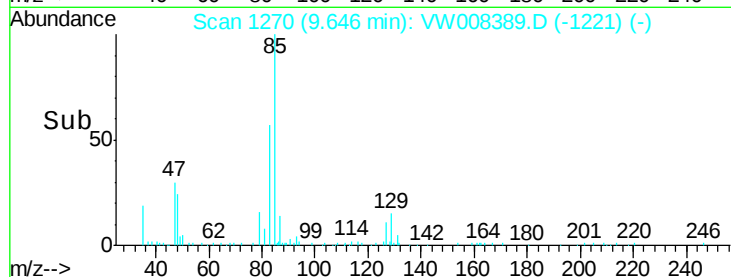
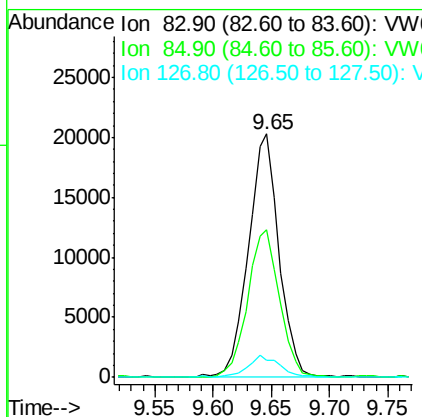
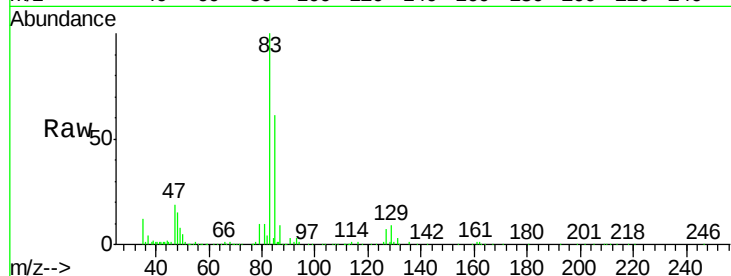
#47
Bromodichloromethane
Concen: 22.515 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW008389.D
Acq: 22 Jan 2019 15:30

Instrument :
MSVOA_W
ClientSampleId :
VW0122SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	37133		
85	60.7		51.6	77.4
127	6.9		6.8	10.2

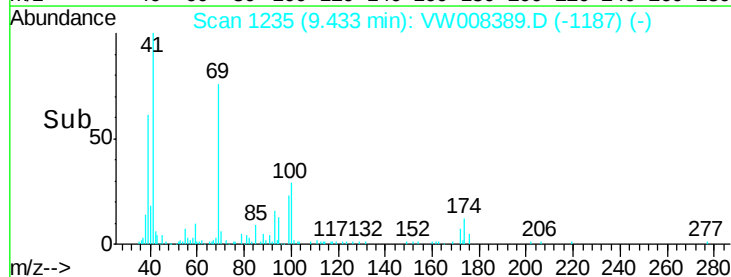
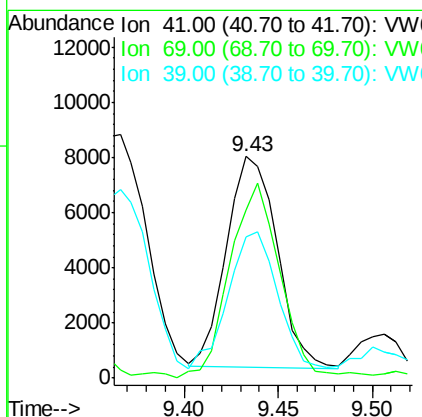
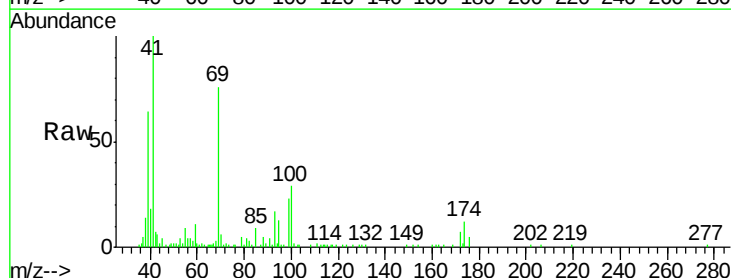
Manual Integrations
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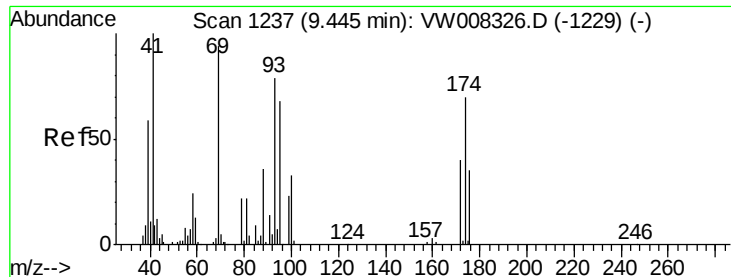
MMDadoda
1/23/2019 11:42:34 AM



#48
Methyl methacrylate
Concen: 21.295 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VW008389.D
Acq: 22 Jan 2019 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	14237		
69	92.4		68.2	102.4
39	63.4		46.0	69.0





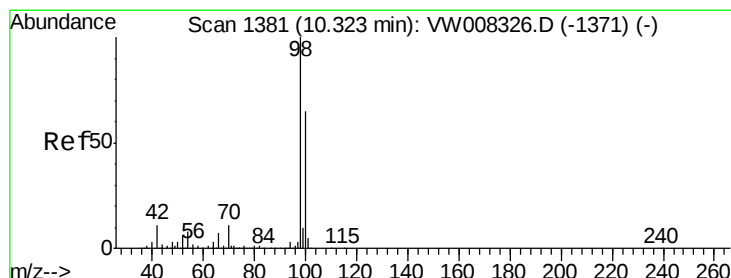
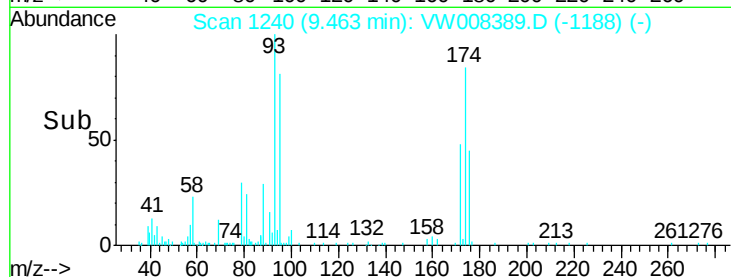
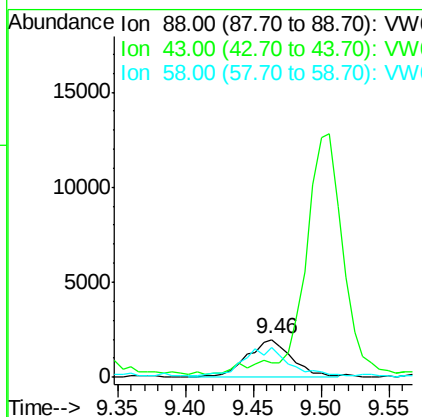
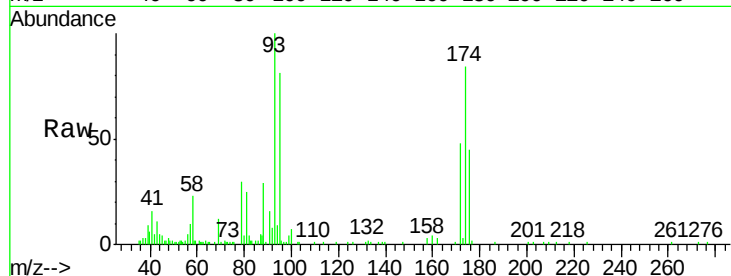
#49
1,4-Dioxane
Concen: 421.054 ug/l
RT: 9.46 min Scan# 1240
Delta R.T. 0.02 min
Lab File: VW008389.D
Acq: 22 Jan 2019 15:30

Instrument :
MSVOA_W
ClientSampleId :
VW0122SBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	27.1	40.7#
58	78.6	57.9	86.9

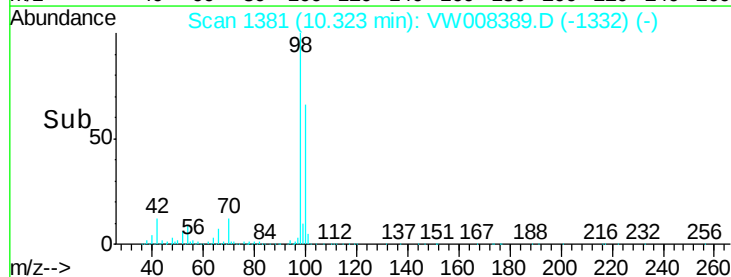
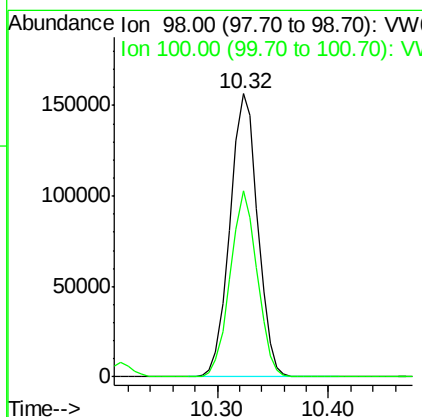
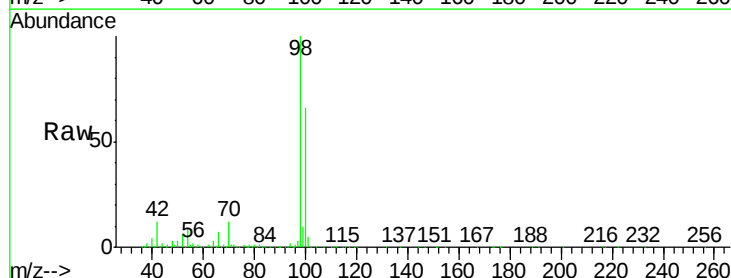
Manual Integrations
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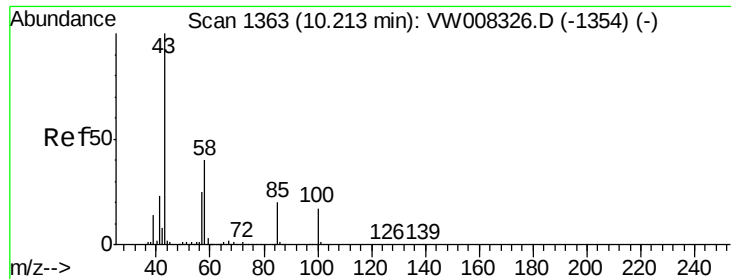
MMDadoda
1/23/2019 11:42:34 AM



#50
Toluene-d8
Concen: 59.553 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008389.D
Acq: 22 Jan 2019 15:30

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.6	51.8	77.8





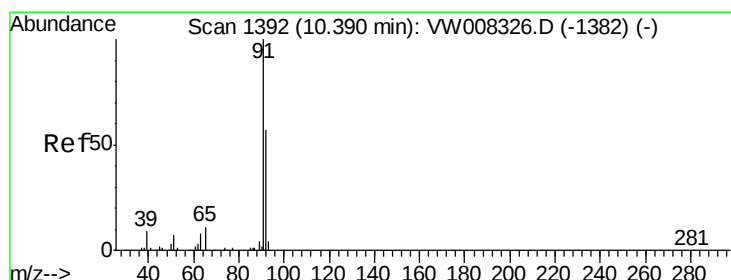
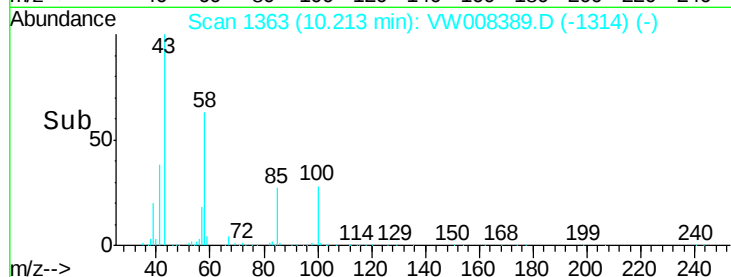
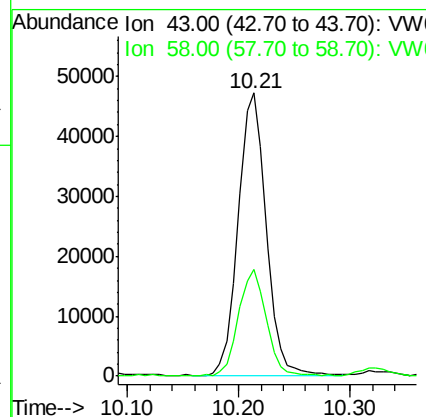
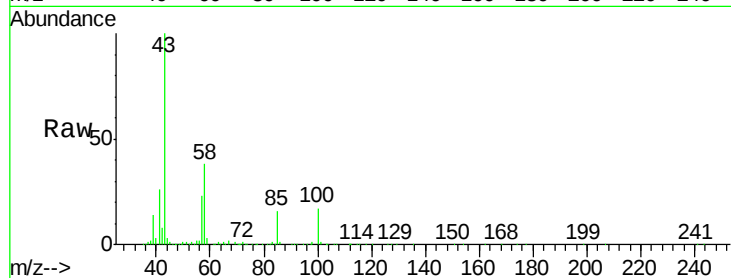
#51
4-Methyl-2-Pentanone
Concen: 113.626 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW008389.D
Acq: 22 Jan 2019 15:30

Instrument :
MSVOA_W
ClientSampleId :
VW0122SBS01

Tot Ion: 43 Resp: 81711
Ion Ratio Lower Upper
43 100
58 37.8 31.4 47.0

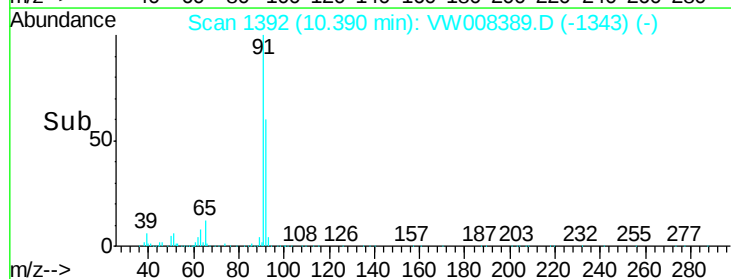
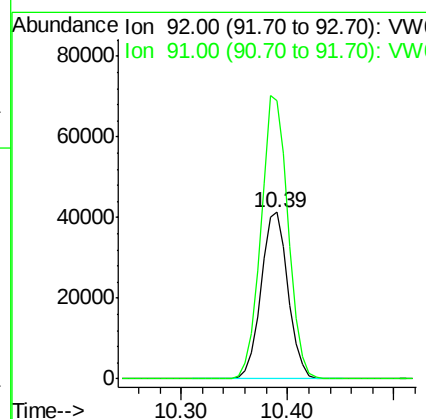
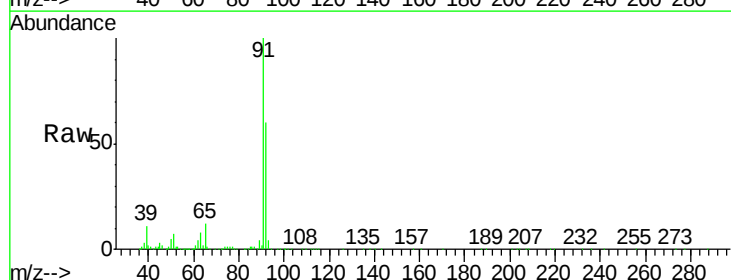
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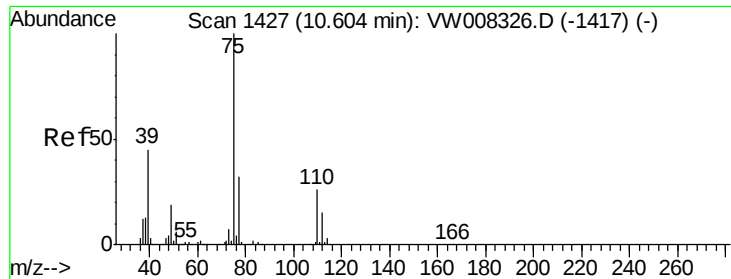
MMDadoda
1/23/2019 11:42:34 AM



#52
Toluene
Concen: 22.509 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW008389.D
Acq: 22 Jan 2019 15:30

Tgt Ion: 92 Resp: 73567
Ion Ratio Lower Upper
92 100
91 170.5 140.2 210.2





#53

t-1,3-Dichloropropene

Concen: 22.209 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW008389.D

Acq: 22 Jan 2019 15:30

Instrument :

MSVOA_W

ClientSampleId :

VW0122SBS01

Tot Ion: 75 Resp: 36558

Ion Ratio Lower Upper

75 100

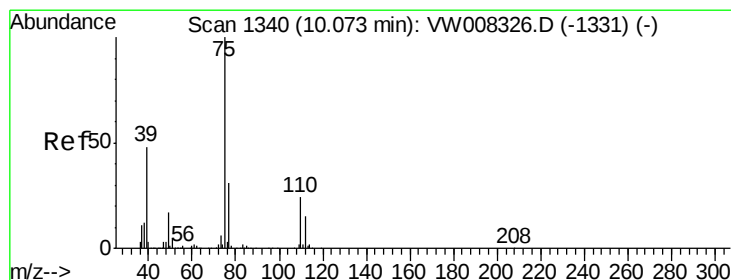
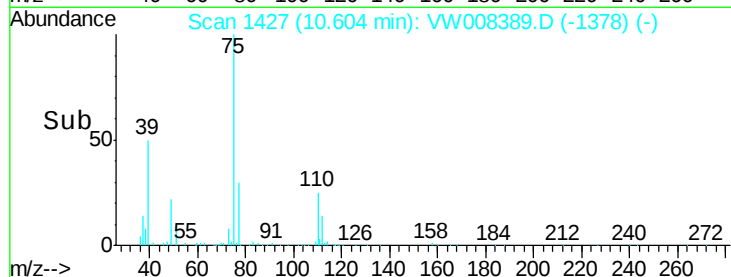
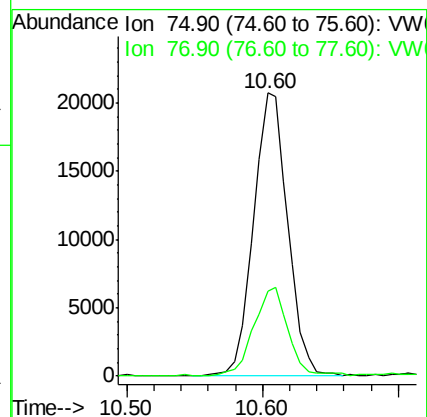
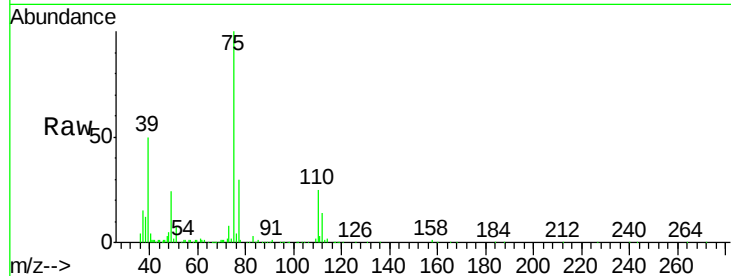
77 29.6 25.8 38.8

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 22.111 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW008389.D

Acq: 22 Jan 2019 15:30

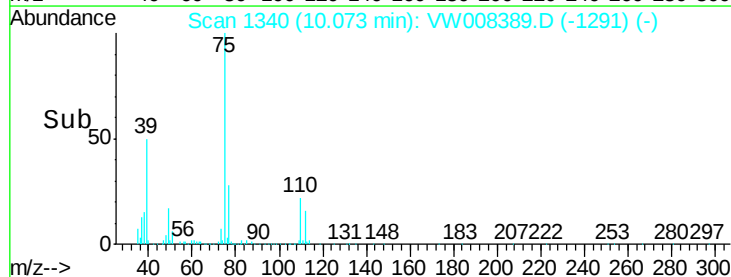
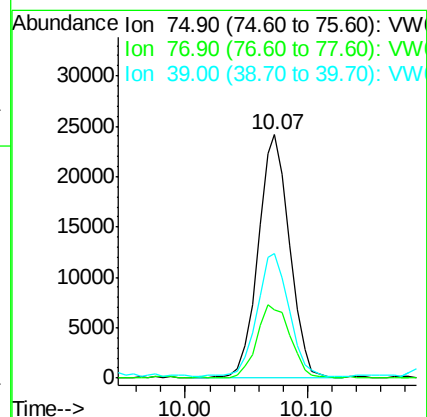
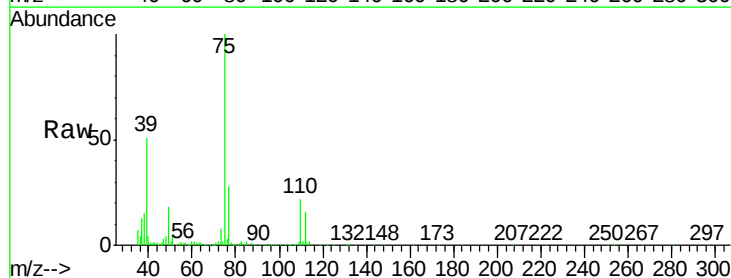
Tgt Ion: 75 Resp: 42905

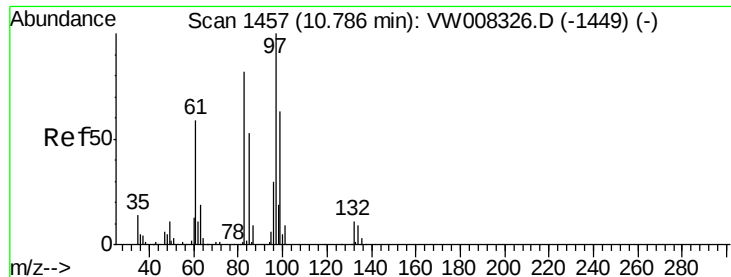
Ion Ratio Lower Upper

75 100

77 28.3 24.4 36.6

39 50.5 38.6 57.8





#55

1,1,2-Trichloroethane

Concen: 23.332 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW008389.D

Acq: 22 Jan 2019 15:30

Instrument :

MSVOA_W

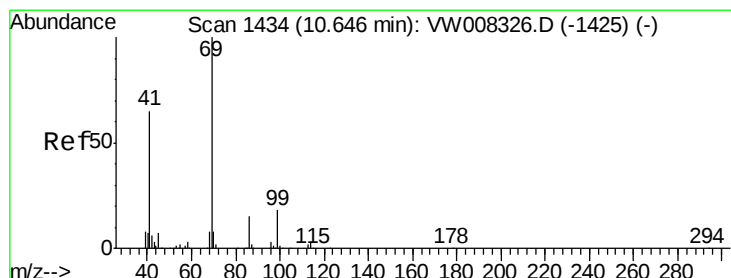
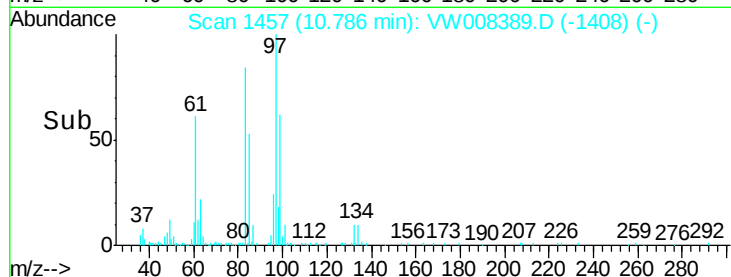
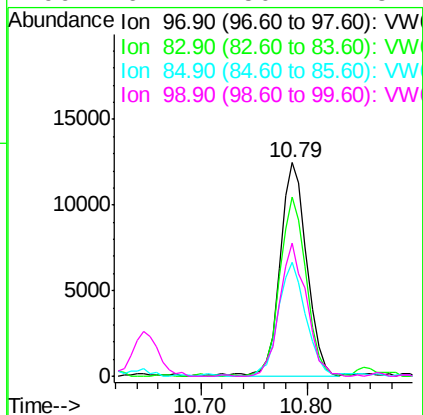
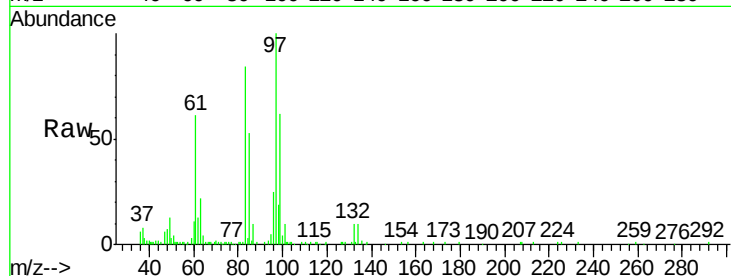
ClientSampleId :

VW0122SBS01

Tot Ion	97	Resp	21638
Ion	Ratio	Lower	Upper
97	100		
83	83.8	65.3	97.9
85	52.6	42.6	64.0
99	62.4	50.2	75.2

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#56

Ethyl methacrylate

Concen: 21.868 ug/l

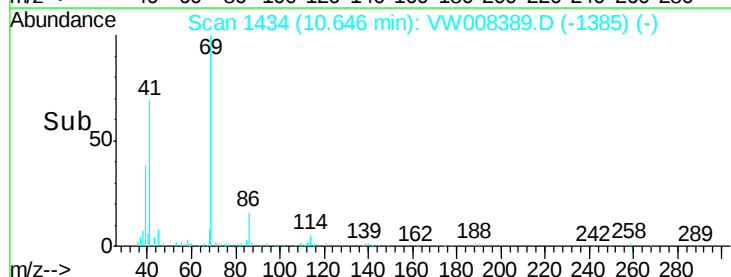
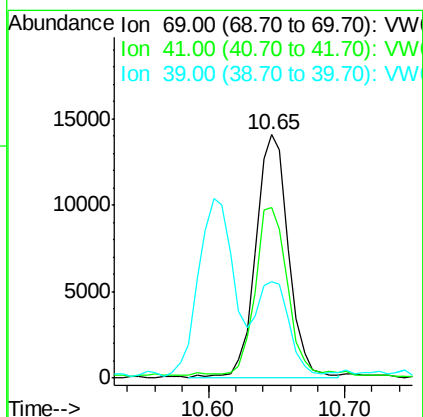
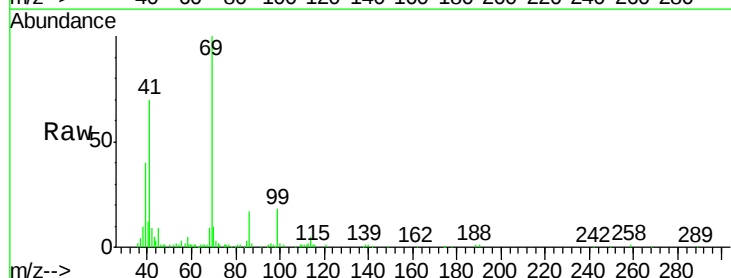
RT: 10.65 min Scan# 1434

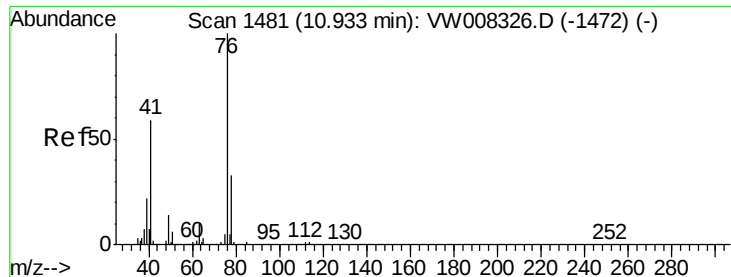
Delta R.T. 0.00 min

Lab File: VW008389.D

Acq: 22 Jan 2019 15:30

Tgt Ion	69	Resp	23817
Ion	Ratio	Lower	Upper
69	100		
41	69.5	52.9	79.3
39	37.0	28.4	42.6





#57

1,3-Dichloropropane

Concen: 22.858 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW008389.D

Acq: 22 Jan 2019 15:30

Instrument :

MSVOA_W

ClientSampleId :

VW0122SBSD01

Tot Ion: 76 Resp: 36806

Ion Ratio Lower Upper

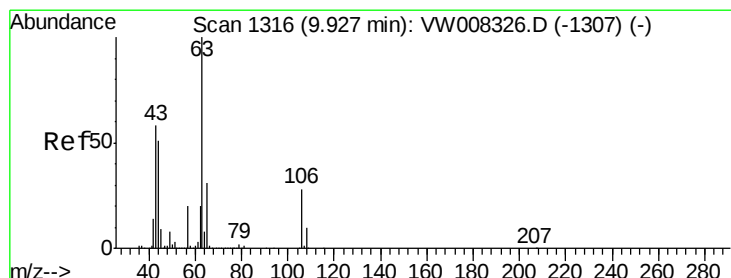
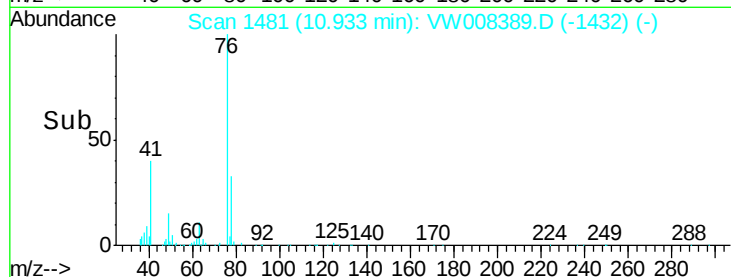
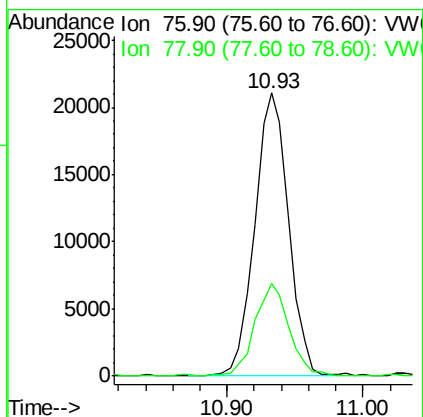
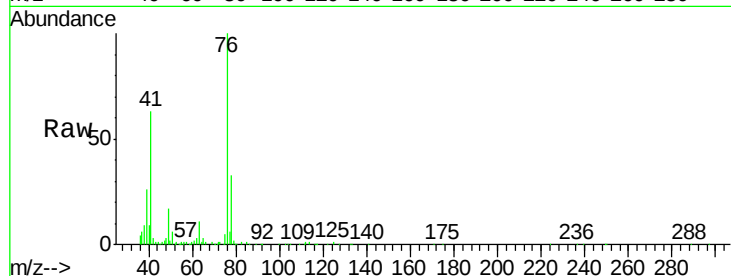
76 100

78 33.2 26.1 39.1

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1/23/2019 11:42:34 AM



#58

2-Chloroethyl Vinyl ether

Concen: 123.013 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VW008389.D

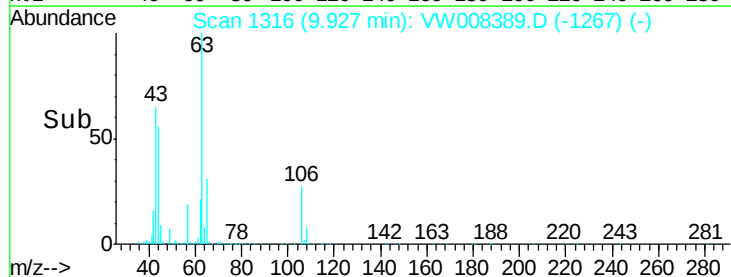
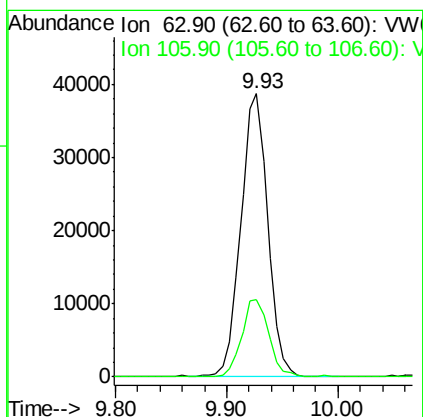
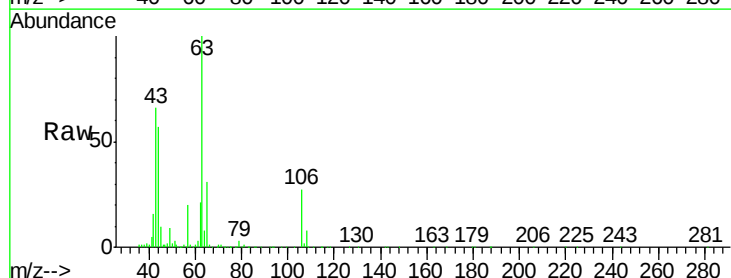
Acq: 22 Jan 2019 15:30

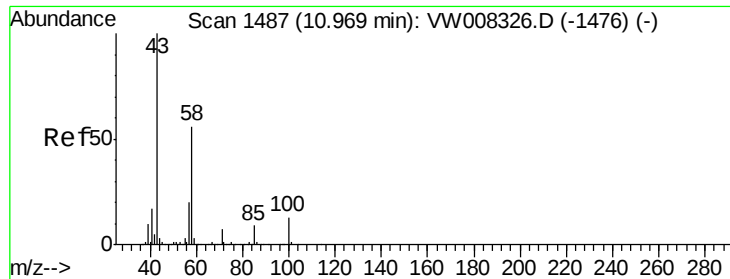
Tgt Ion: 63 Resp: 64624

Ion Ratio Lower Upper

63 100

106 27.7 22.9 34.3





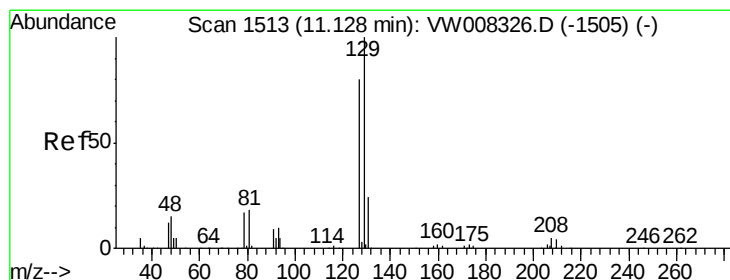
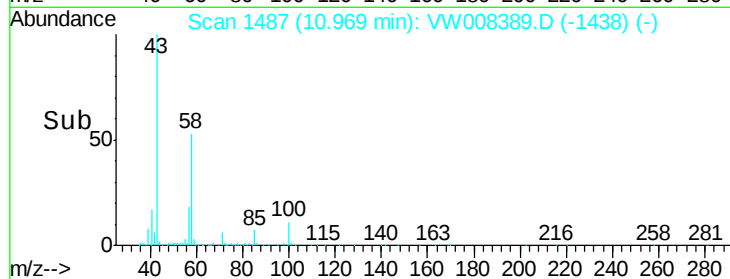
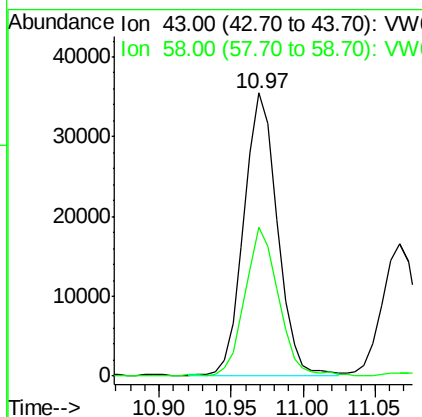
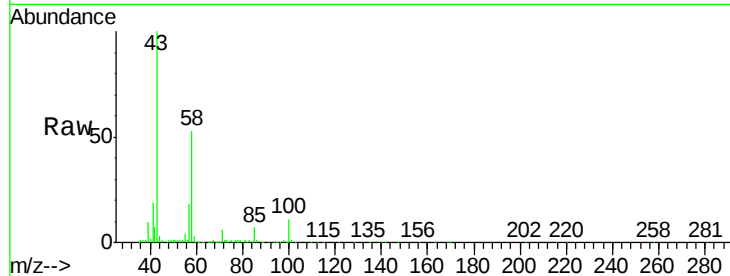
#59
2-Hexanone
Concen: 114.371 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW008389.D
Acq: 22 Jan 2019 15:30

Instrument :
MSVOA_W
ClientSampleId :
VW0122SBSD01

Tot Ion: 43 Resp: 57627
Ion Ratio Lower Upper
43 100
58 51.8 27.5 82.5

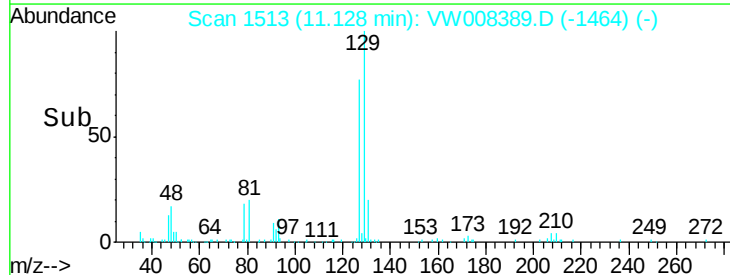
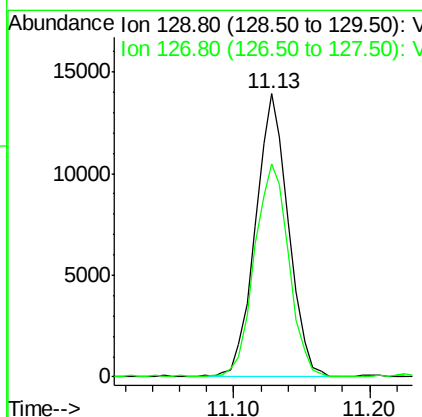
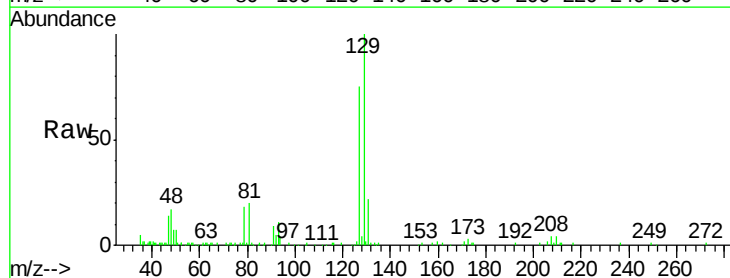
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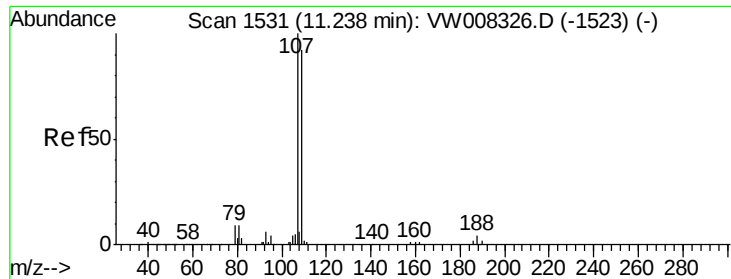
MMDadoda
1/23/2019 11:42:34 AM



#60
Dibromochloromethane
Concen: 21.357 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW008389.D
Acq: 22 Jan 2019 15:30

Tgt Ion: 129 Resp: 23638
Ion Ratio Lower Upper
129 100
127 78.0 39.1 117.2





#61

1,2-Dibromoethane

Concen: 21.837 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW008389.D

Acq: 22 Jan 2019 15:30

Instrument :

MSVOA_W

ClientSampleId :

VW0122SBSD01

Tot Ion: 107 Resp: 19610

Ion Ratio Lower Upper

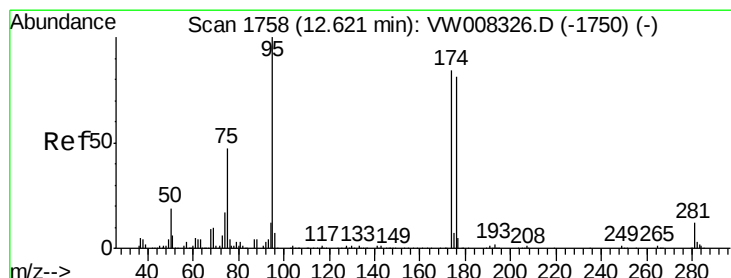
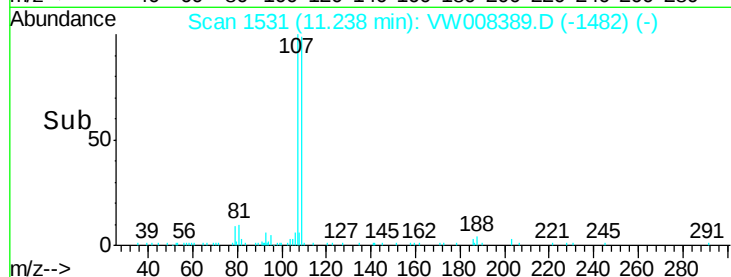
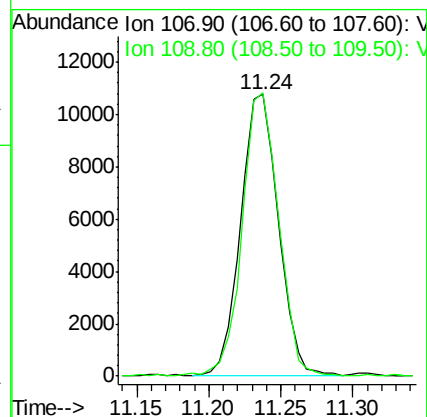
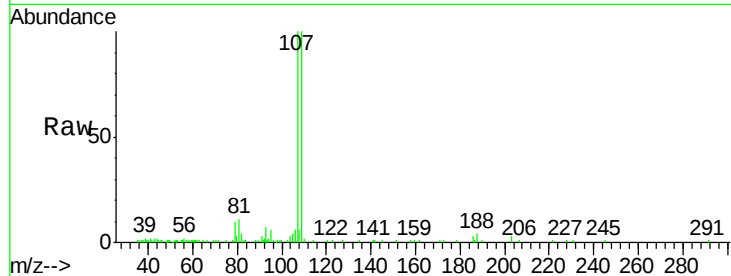
107 100

109 96.9 74.0 111.0

Manual Integrations
APPROVED

MMDadoda

1/23/2019 11:42:34 AM



#62

4-Bromofluorobenzene

Concen: 58.170 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008389.D

Acq: 22 Jan 2019 15:30

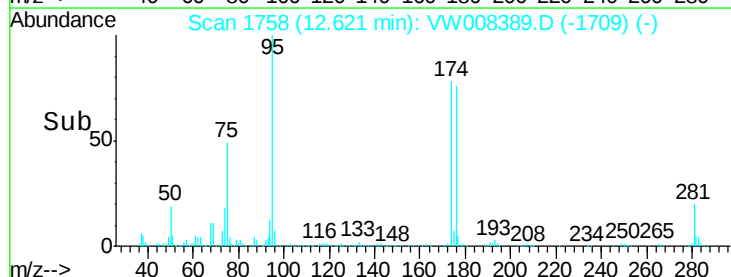
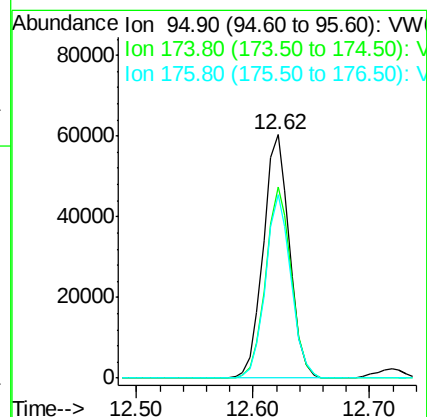
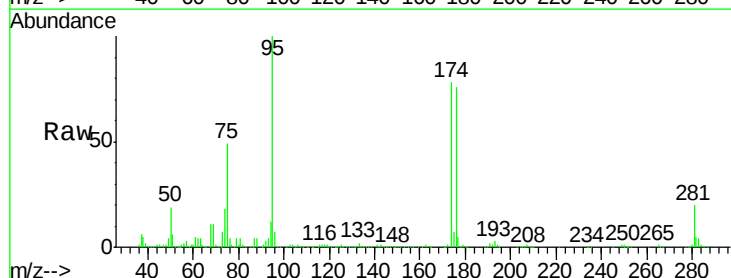
Tgt Ion: 95 Resp: 94810

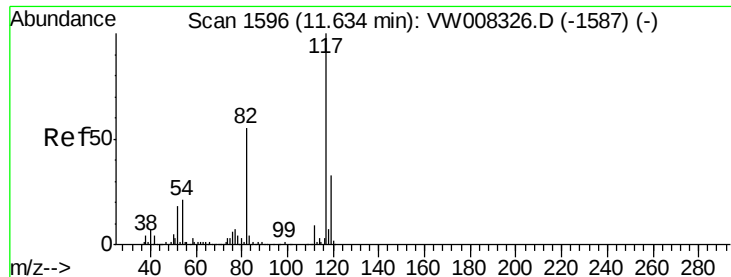
Ion Ratio Lower Upper

95 100

174 76.4 0.0 166.0

176 73.2 0.0 160.0





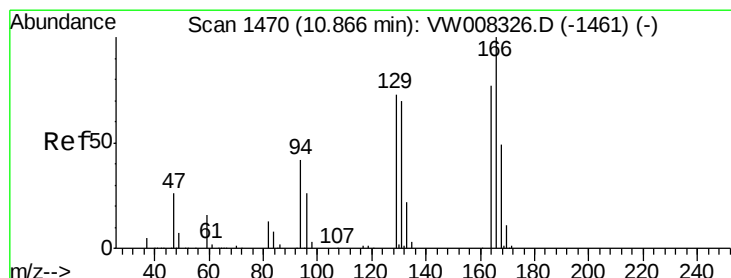
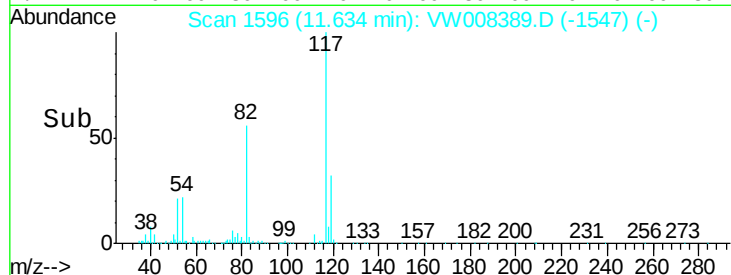
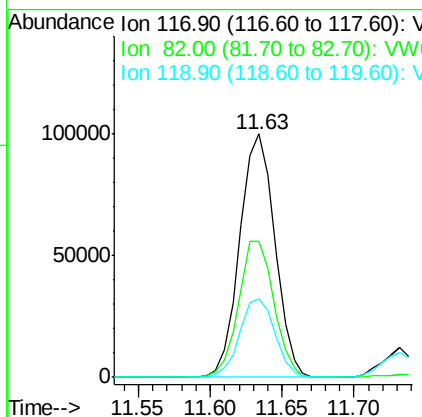
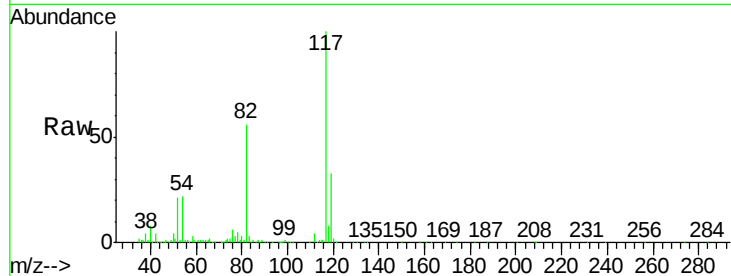
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008389.D
Acq: 22 Jan 2019 15:30

Instrument :
MSVOA_W
ClientSampled :
VW0122SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	169521		
82	55.5	44.3	66.5	
119	32.5	26.3	39.5	

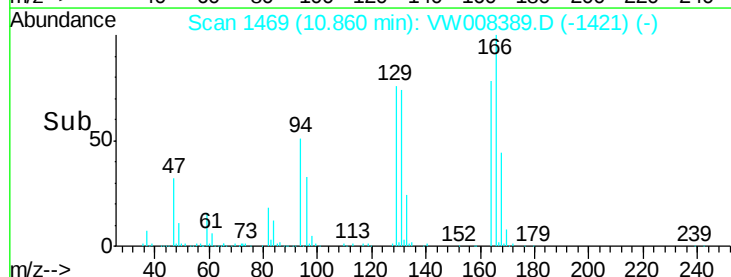
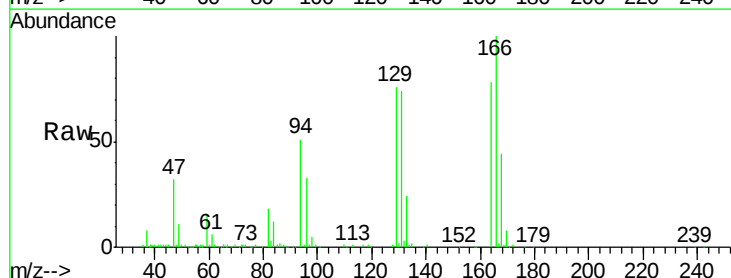
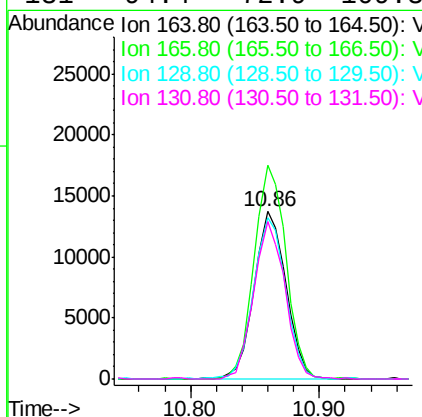
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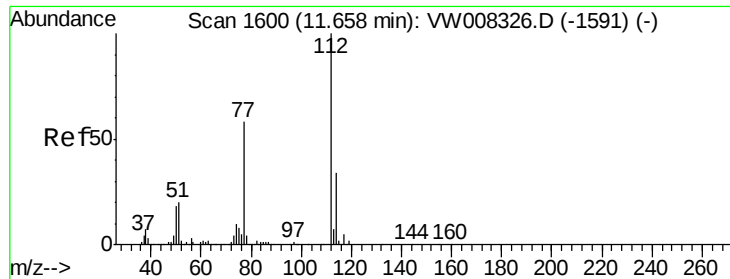
MMDadoda
1/23/2019 11:42:34 AM



#64
Tetrachloroethene
Concen: 19.666 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW008389.D
Acq: 22 Jan 2019 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	23376		
166	127.7	103.4	155.2	
129	96.7	75.0	112.6	
131	94.4	72.9	109.3	





#65

Chlorobenzene

Concen: 21.464 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW008389.D

Acq: 22 Jan 2019 15:30

Instrument :

MSVOA_W

ClientSampleId :

VW0122SBSD01

Tot Ion:112 Resp: 79368

Ion Ratio Lower Upper

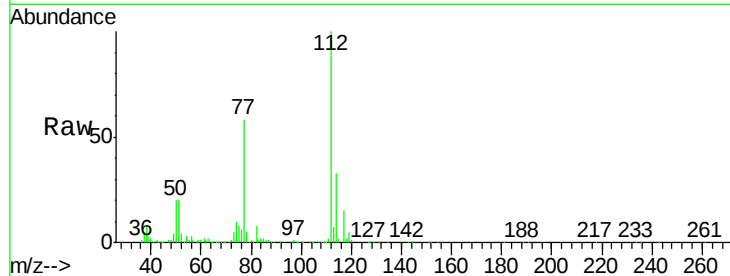
112 100

114 32.6 26.9 40.3

Manual Integrations
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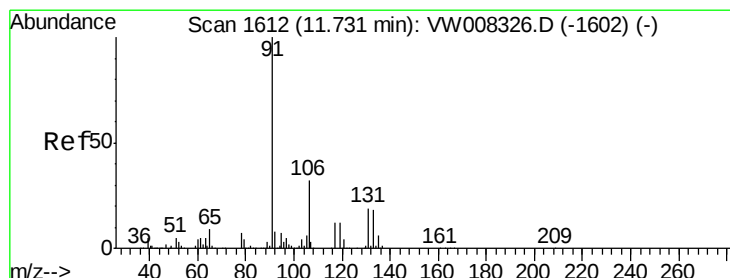
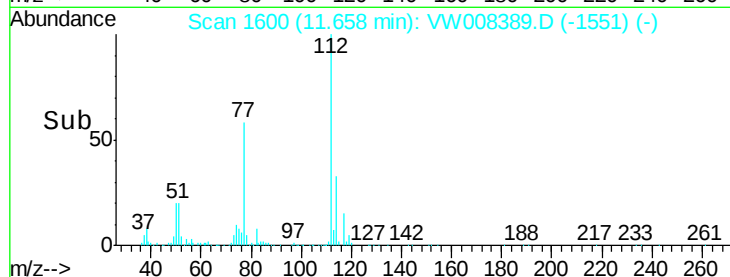
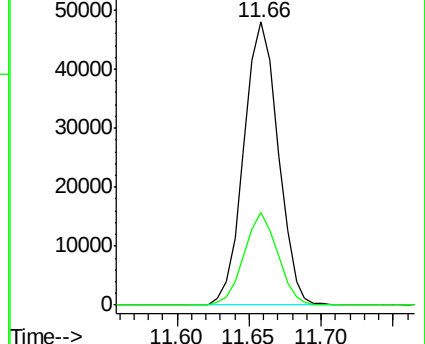
MMDadoda

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 21.750 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW008389.D

Acq: 22 Jan 2019 15:30

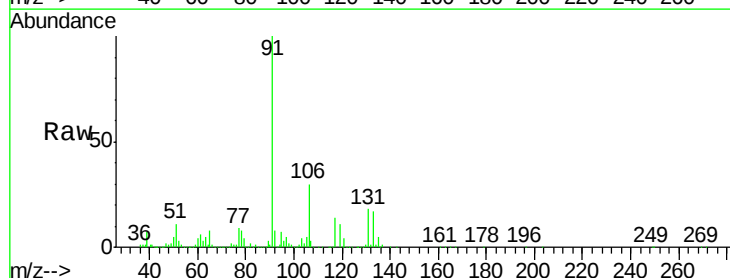
Tgt Ion:131 Resp: 27680

Ion Ratio Lower Upper

131 100

133 90.8 48.2 144.6

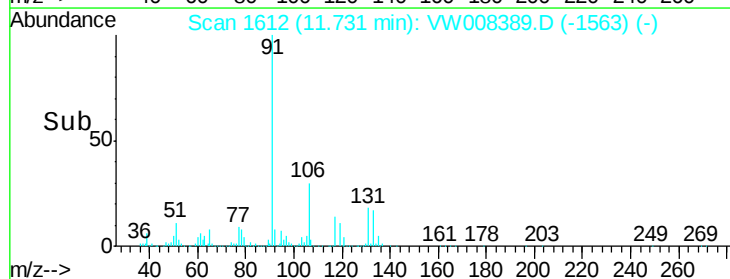
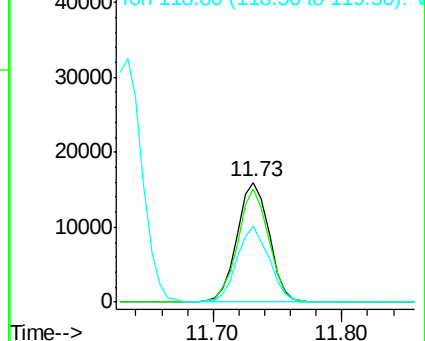
119 62.8 31.6 94.7

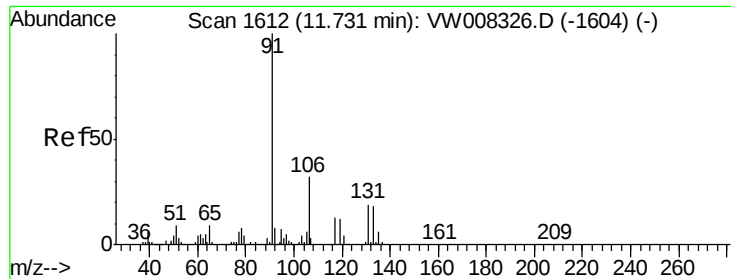


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





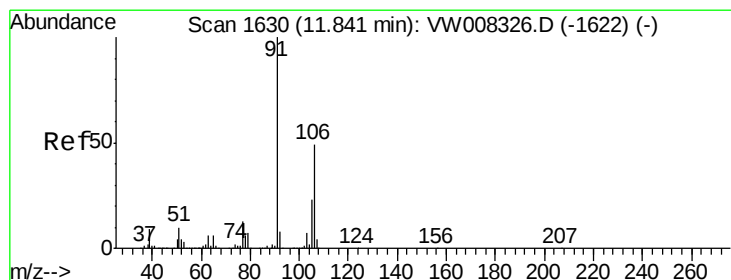
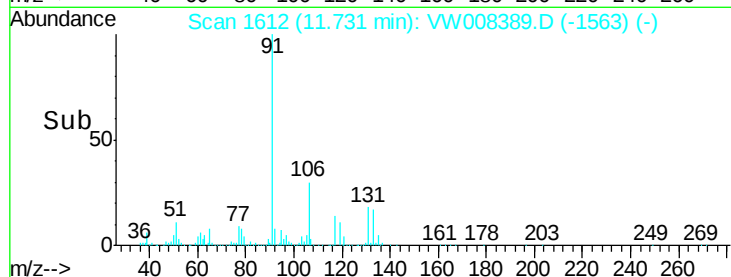
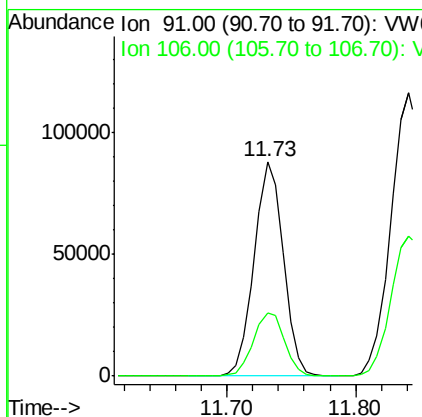
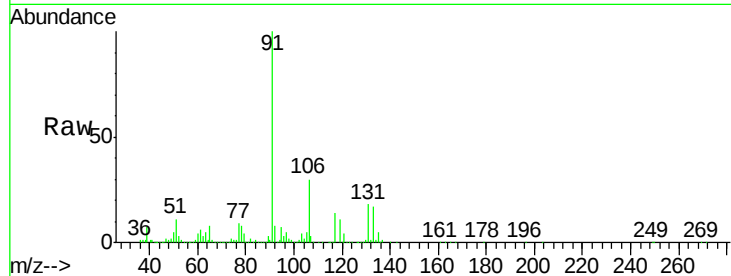
#67
Ethyl Benzene
Concen: 21.468 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008389.D
Acq: 22 Jan 2019 15:30

Instrument :
MSVOA_W
ClientSampleId :
VW0122SBSD01

Tot Ion: 91 Resp: 137834
Ion Ratio Lower Upper
91 100
106 29.6 25.4 38.2

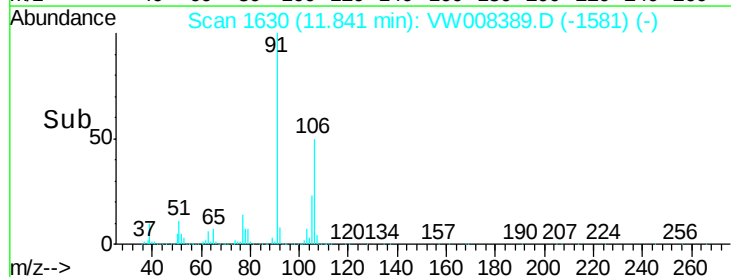
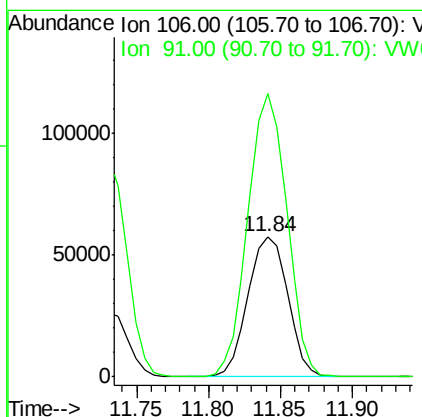
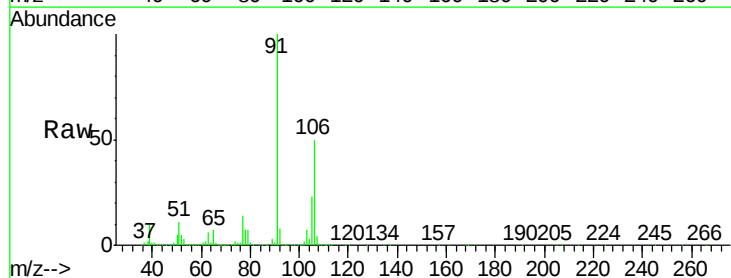
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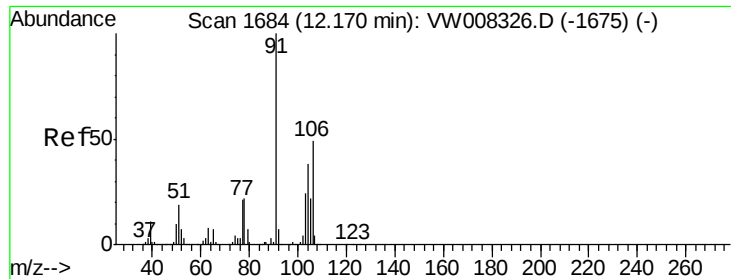
MMDadoda
1/23/2019 11:42:34 AM



#68
m/p-Xylenes
Concen: 44.211 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW008389.D
Acq: 22 Jan 2019 15:30

Tgt Ion: 106 Resp: 110175
Ion Ratio Lower Upper
106 100
91 198.0 158.4 237.6





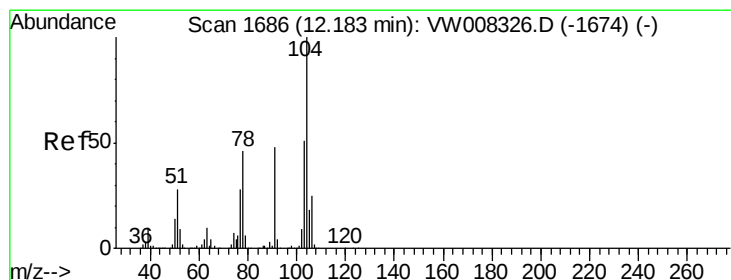
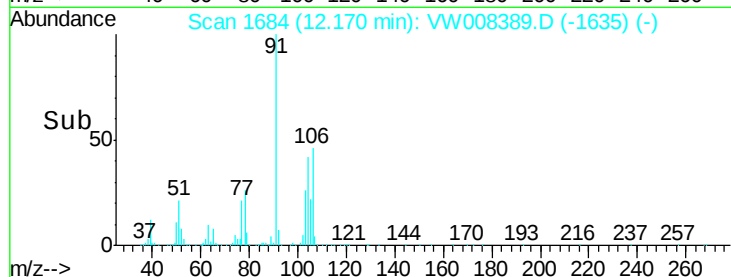
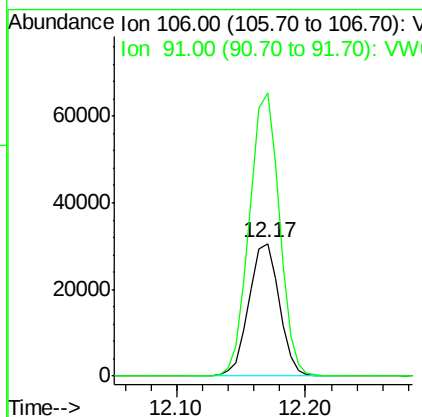
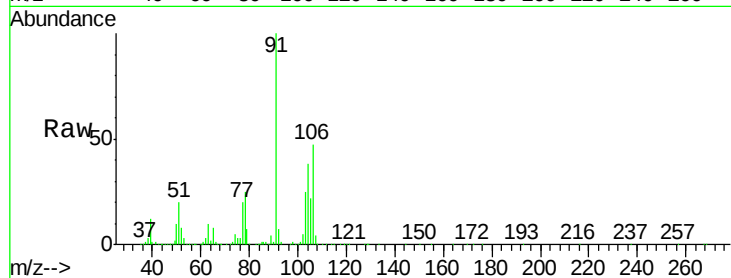
#69
o-Xylene
Concen: 21.391 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW008389.D
Acq: 22 Jan 2019 15:30

Instrument :
MSVOA_W
ClientSampled :
VW0122SBSD01

Tot Ion:106 Resp: 49803
Ion Ratio Lower Upper
106 100
91 210.8 104.1 312.3

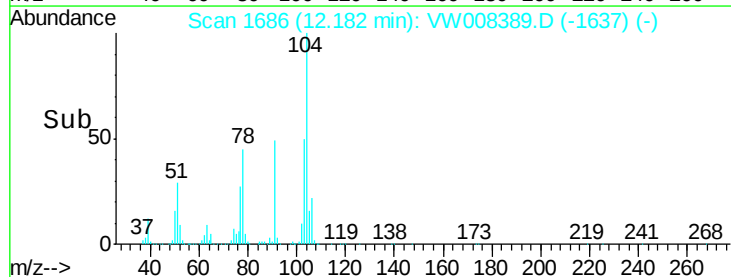
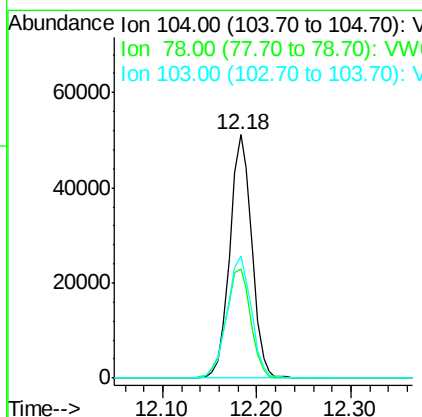
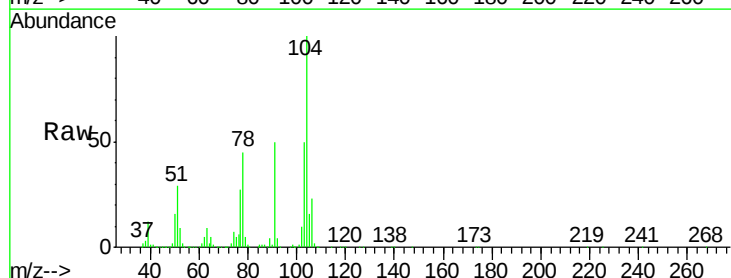
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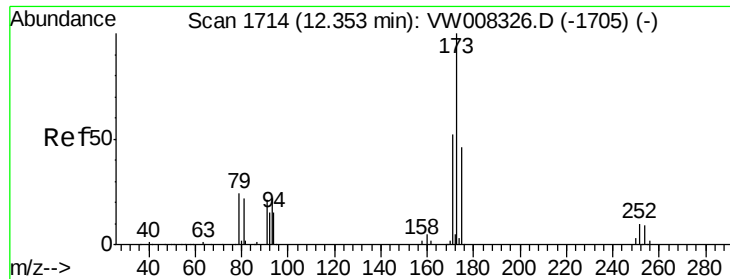
MMDadoda
1/23/2019 11:42:34 AM



#70
Styrene
Concen: 22.169 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW008389.D
Acq: 22 Jan 2019 15:30

Tgt Ion:104 Resp: 82906
Ion Ratio Lower Upper
104 100
78 50.6 39.8 59.6
103 55.1 44.0 66.0





#71

Bromoform

Concen: 21.428 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW008389.D

Acq: 22 Jan 2019 15:30

Instrument :

MSVOA_W

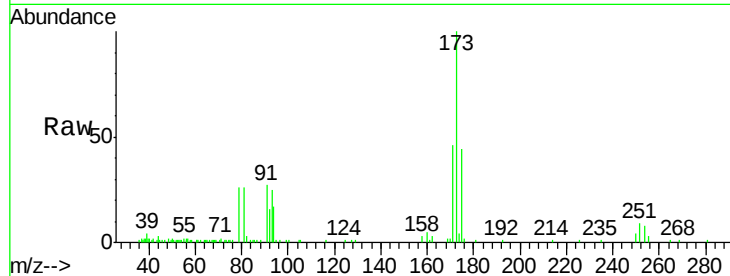
ClientSampleId :

VW0122SBSD01

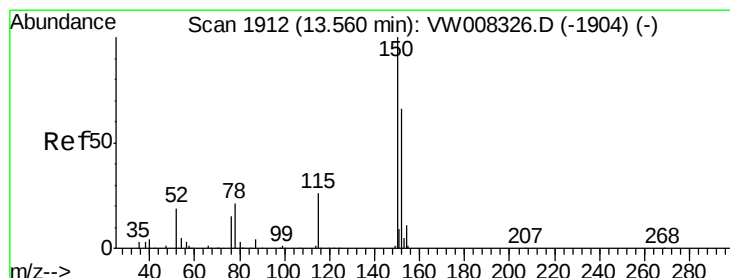
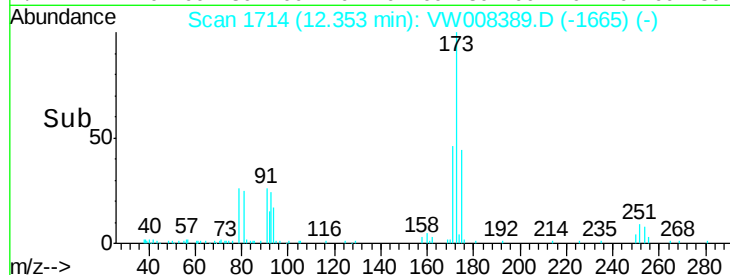
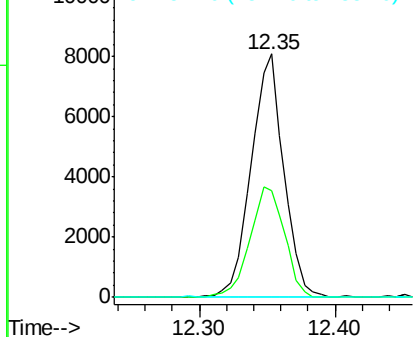
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.0	23.6	70.8
254	0.0	0.2	0.2

Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

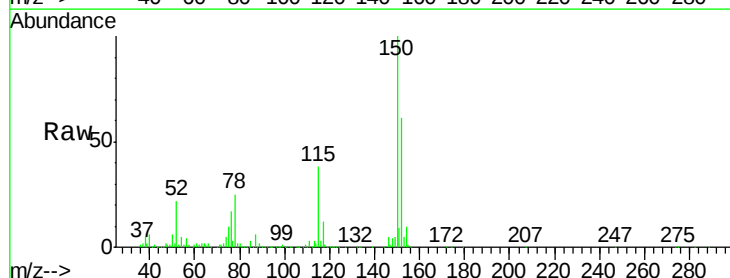
RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

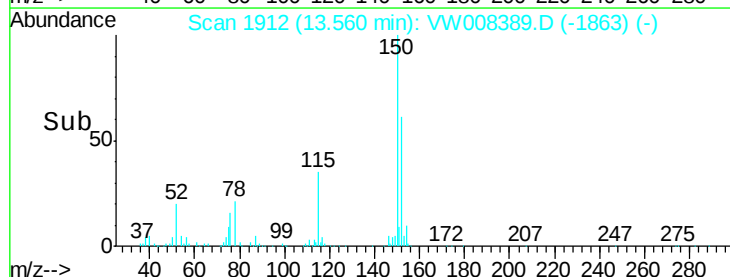
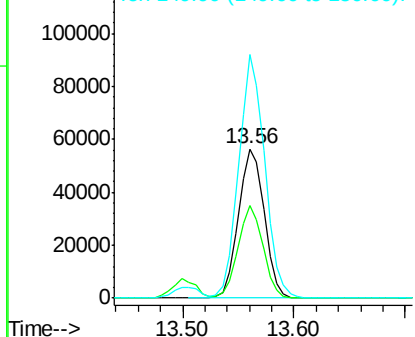
Lab File: VW008389.D

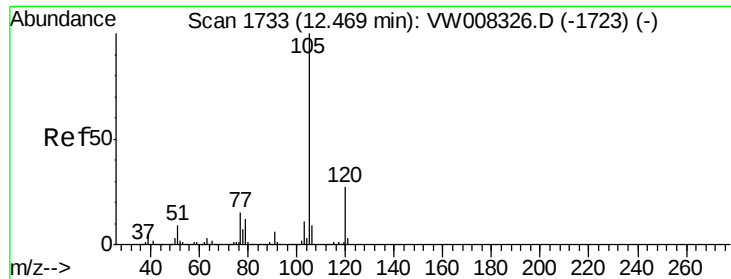
Acq: 22 Jan 2019 15:30

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.8	28.8	86.4
150	164.2	0.0	351.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.864 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW008389.D

Acq: 22 Jan 2019 15:30

Instrument :

MSVOA_W

ClientSampleId :

VW0122SBS01

Tot Ion:105 Resp: 137378

Ion Ratio Lower Upper

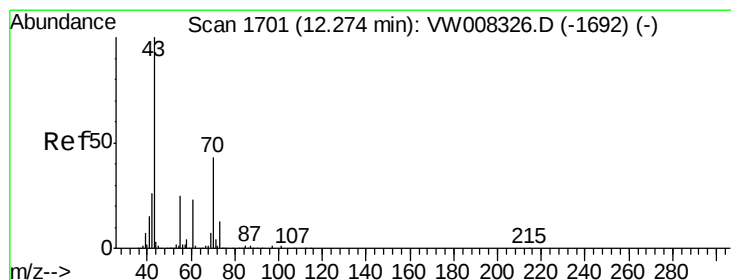
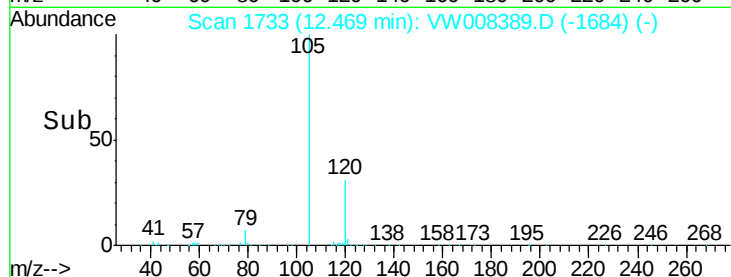
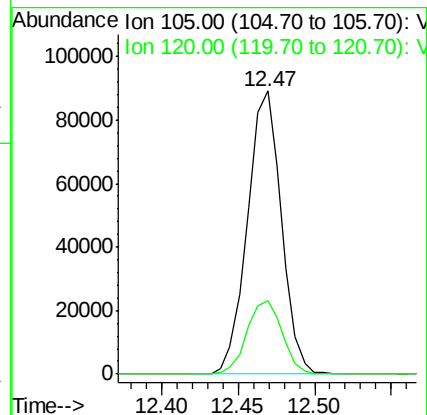
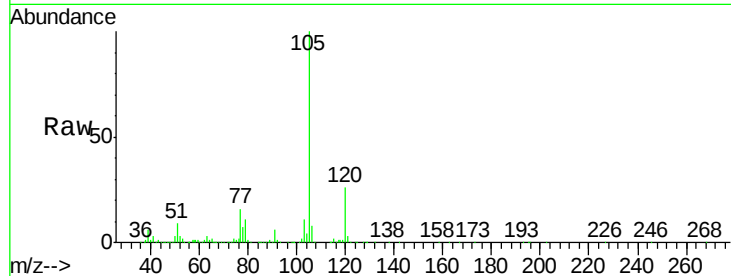
105 100

120 27.0 13.6 40.8

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#74

N-ethyl acetate

Concen: 20.706 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW008389.D

Acq: 22 Jan 2019 15:30

Tgt Ion: 43 Resp: 29219

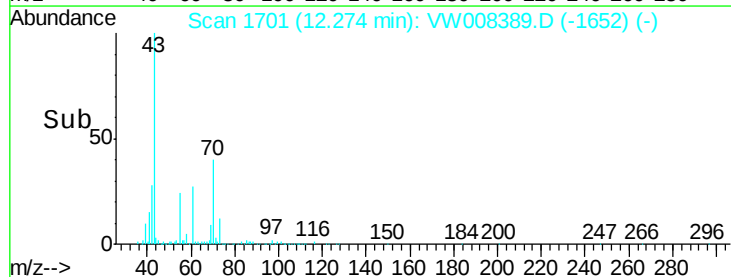
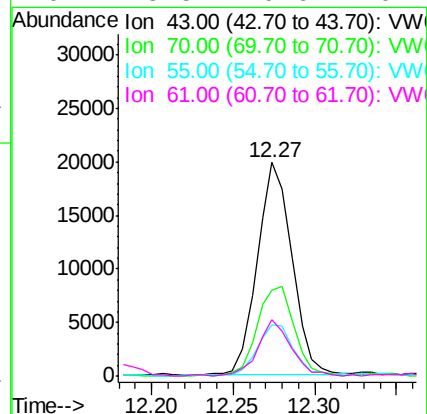
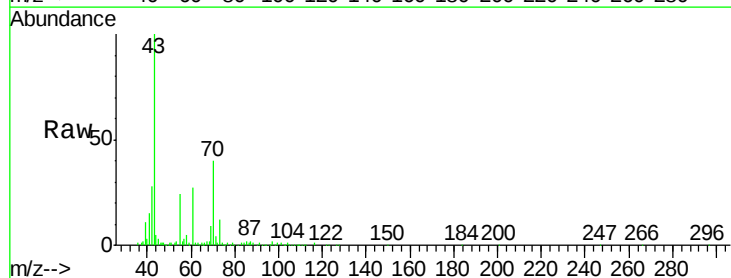
Ion Ratio Lower Upper

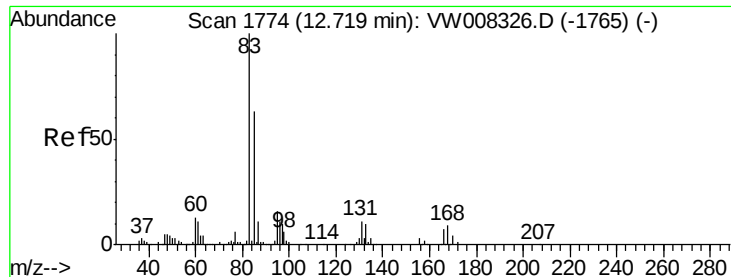
43 100

70 45.9 34.6 52.0

55 26.7 20.0 30.0

61 25.5 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 21.979 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW008389.D

Acq: 22 Jan 2019 15:30

Instrument :

MSVOA_W

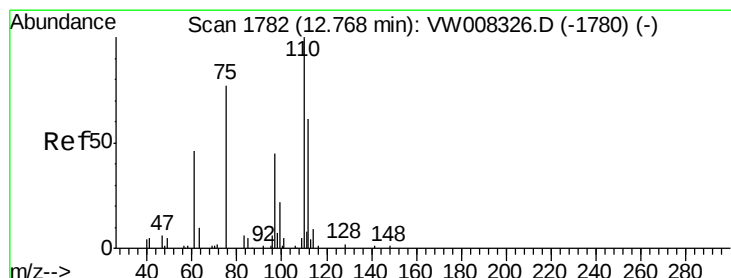
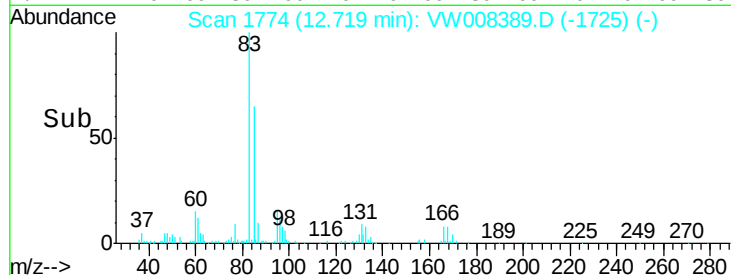
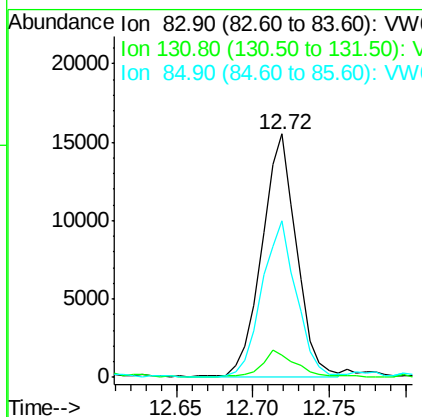
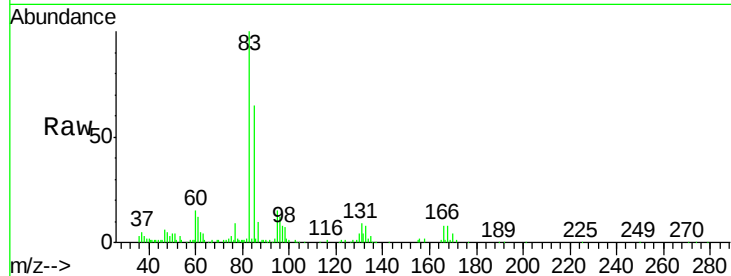
ClientSampleId :

VW0122SBSD01

Tot Ion:	83	Resp:	24616
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.5	16.5
85	64.4	31.6	94.7

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#76

1,2,3-Trichloropropane

Concen: 21.822 ug/l m

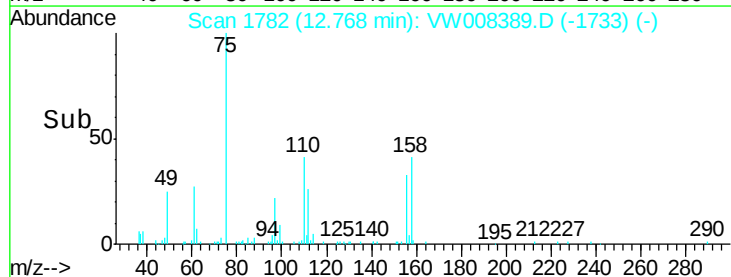
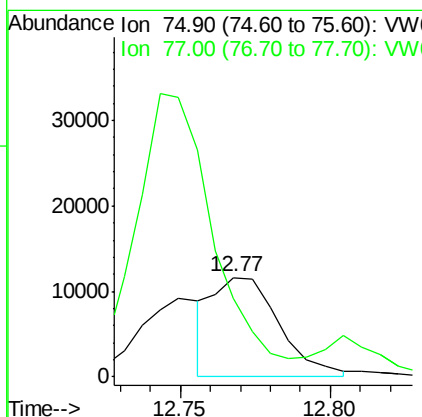
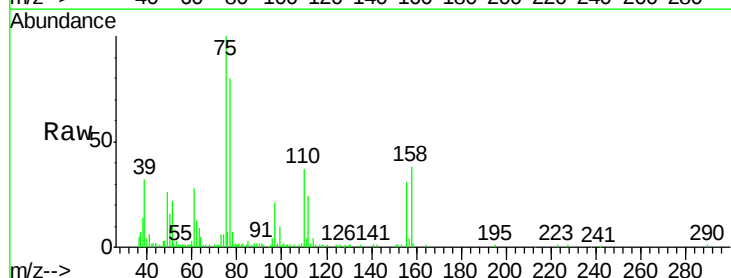
RT: 12.77 min Scan# 1782

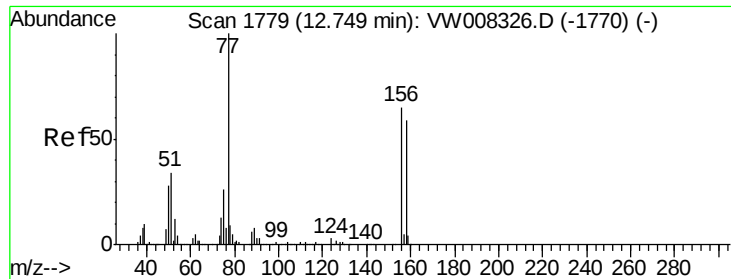
Delta R.T. -0.00 min

Lab File: VW008389.D

Acq: 22 Jan 2019 15:30

Tgt Ion:	75	Resp:	17959
Ion Ratio	Lower	Upper	
75	100		
77	0.0	175.3	526.1#





#77

Bromobenzene

Concen: 18.276 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW008389.D

Acq: 22 Jan 2019 15:30

Instrument :

MSVOA_W

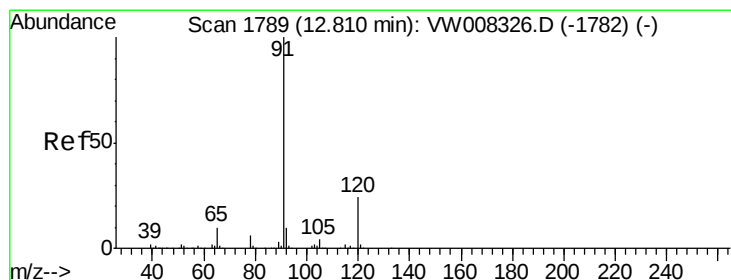
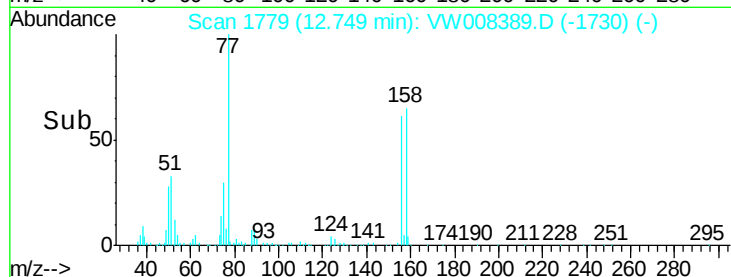
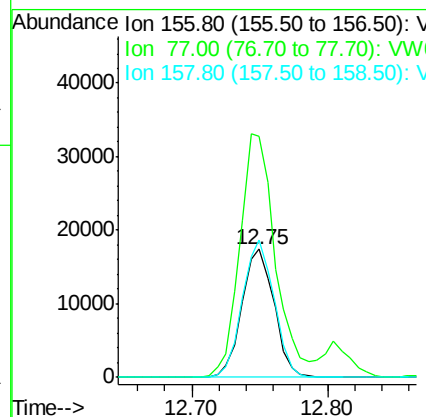
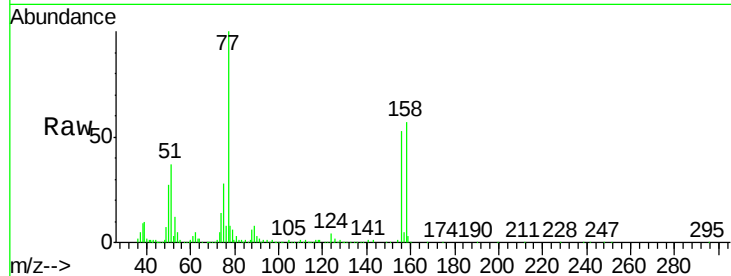
ClientSampleId :

VW0122SBSD01

Tot Ion:	156	Resp:	28906
Ion	Ratio	Lower	Upper
156	100		
77	208.2	88.3	264.9
158	105.5	47.6	142.8

Manual Integrations
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#78

n-propylbenzene

Concen: 20.861 ug/l

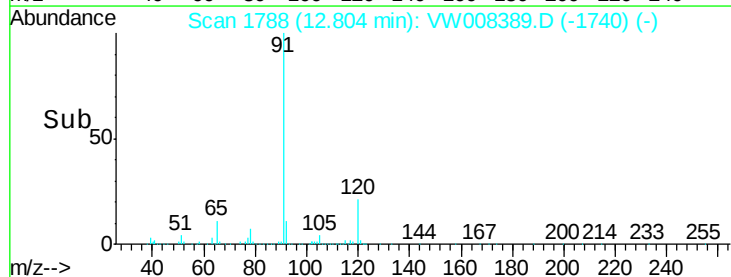
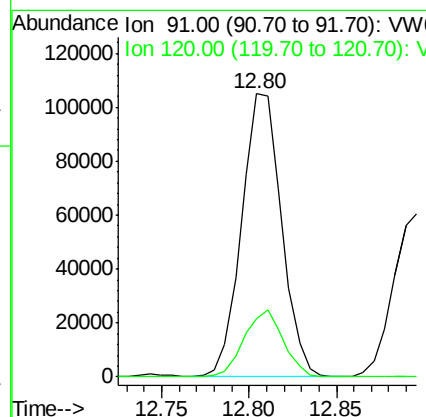
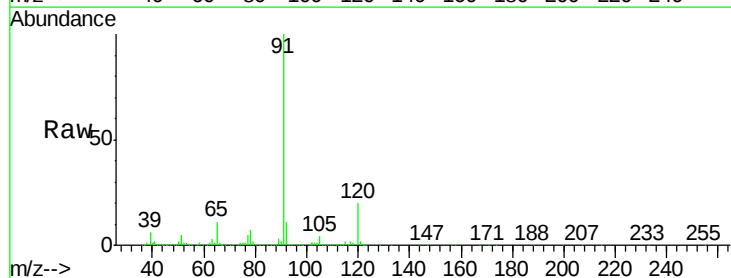
RT: 12.80 min Scan# 1788

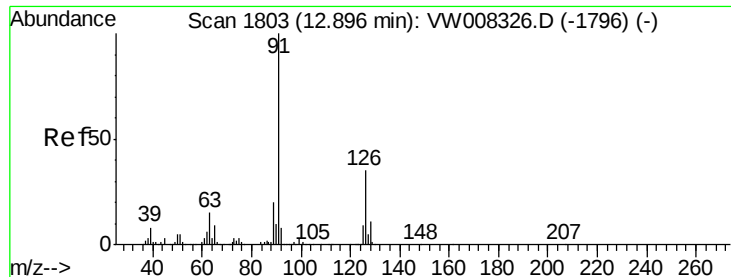
Delta R.T. -0.01 min

Lab File: VW008389.D

Acq: 22 Jan 2019 15:30

Tgt Ion:	91	Resp:	166260
Ion	Ratio	Lower	Upper
91	100		
120	23.1	11.9	35.7





#79

2-Chlorotoluene

Concen: 21.370 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW008389.D

Acq: 22 Jan 2019 15:30

Instrument :

MSVOA_W

ClientSampleId :

VW0122SBSD01

Tot Ion: 91 Resp: 97310

Ion Ratio Lower Upper

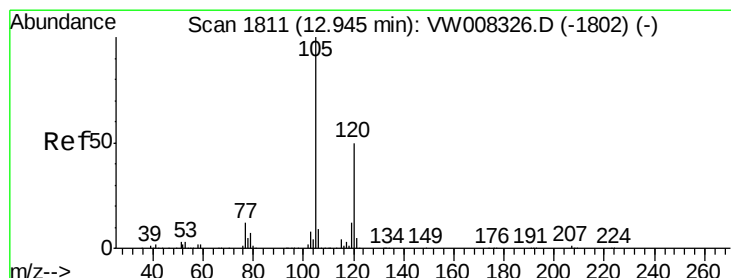
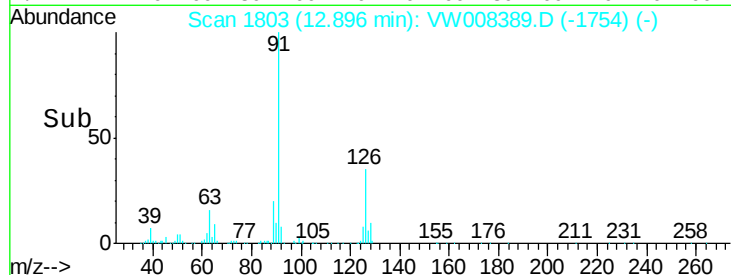
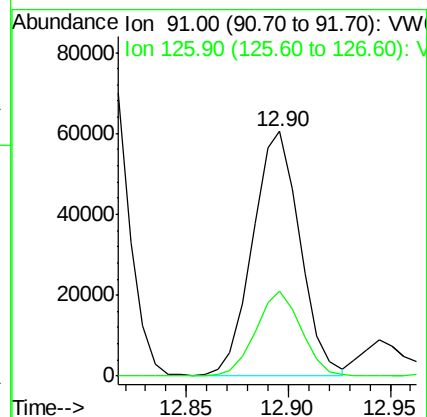
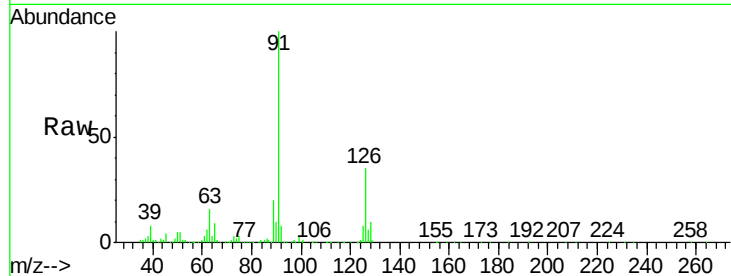
91 100

126 33.8 17.5 52.6

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#80

1,3,5-Trimethylbenzene

Concen: 21.546 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW008389.D

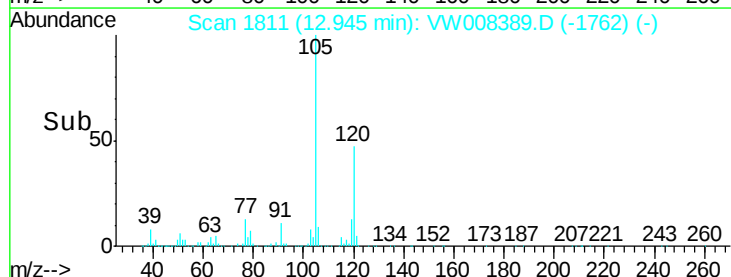
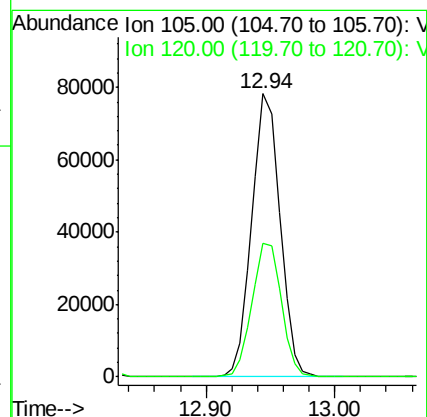
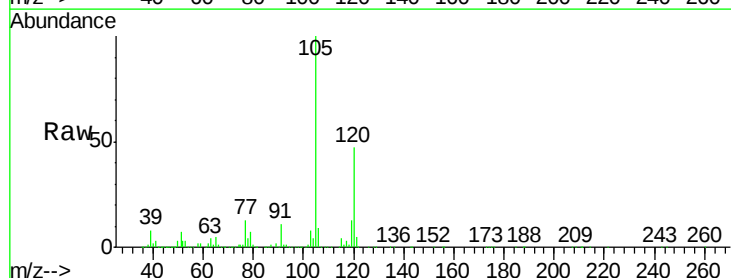
Acq: 22 Jan 2019 15:30

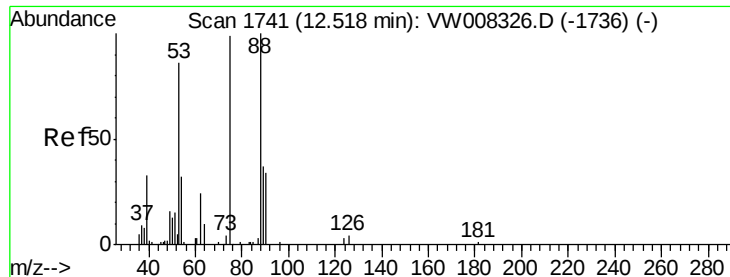
Tgt Ion: 105 Resp: 118387

Ion Ratio Lower Upper

105 100

120 49.0 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 20.777 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW008389.D

Acq: 22 Jan 2019 15:30

Instrument :

MSVOA_W

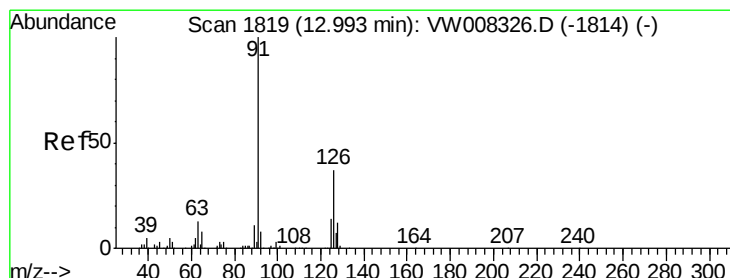
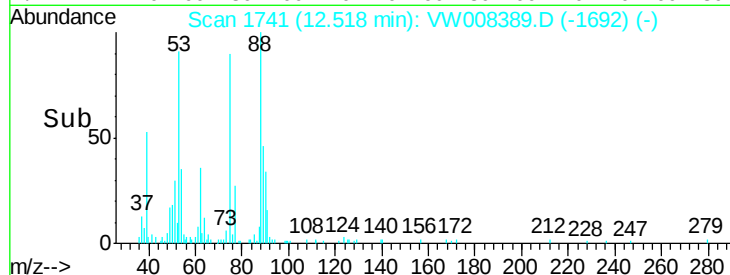
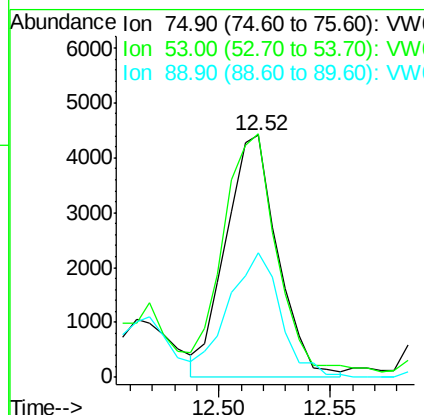
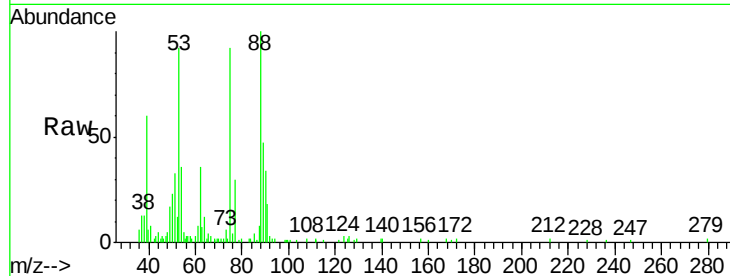
ClientSampleId :

VW0122SBSD01

Tot Ion:	75	Resp:	7165
Ion	Ratio	Lower	Upper
75	100		
53	102.1	76.2	114.4
89	52.1	36.7	55.1

Manual Integrations
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#82

4-Chlorotoluene

Concen: 21.485 ug/l

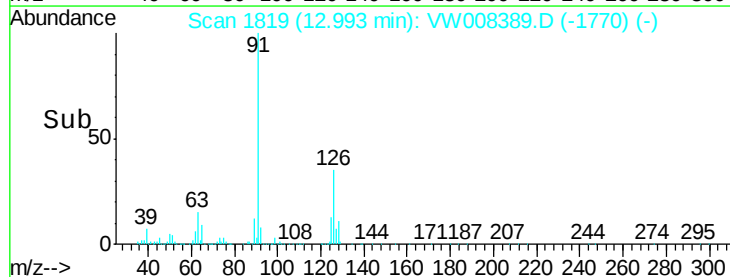
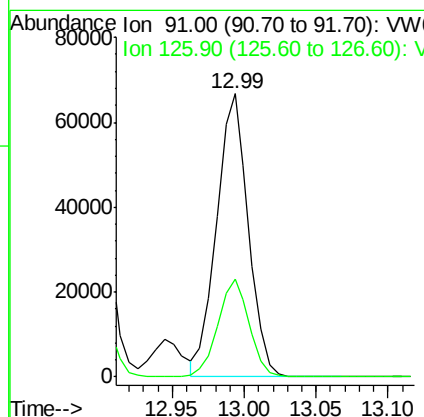
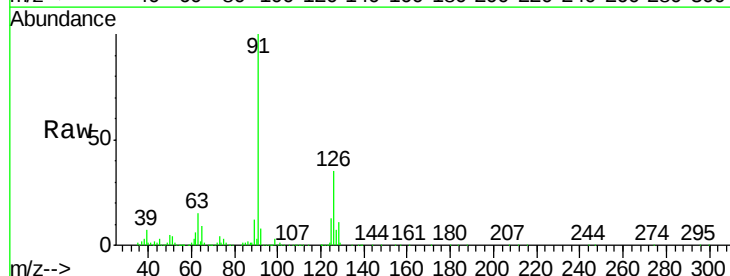
RT: 12.99 min Scan# 1819

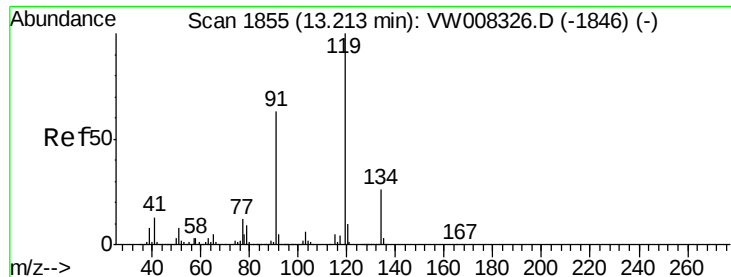
Delta R.T. -0.00 min

Lab File: VW008389.D

Acq: 22 Jan 2019 15:30

Tgt Ion:	91	Resp:	102233
Ion	Ratio	Lower	Upper
91	100		
126	34.2	17.8	53.3





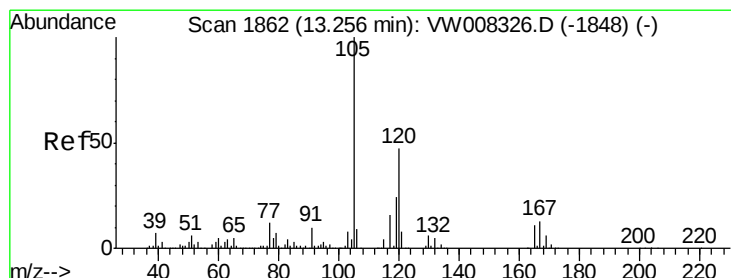
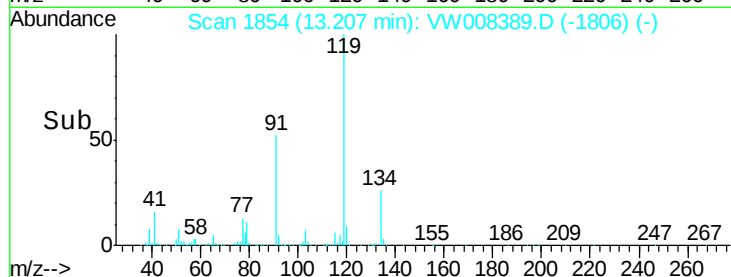
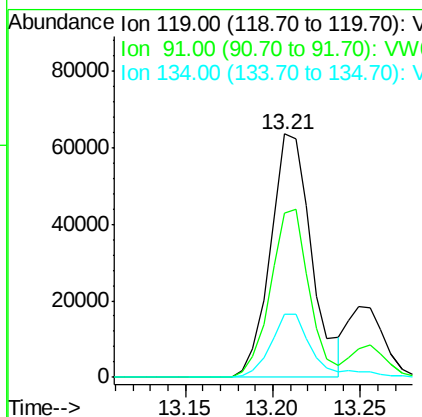
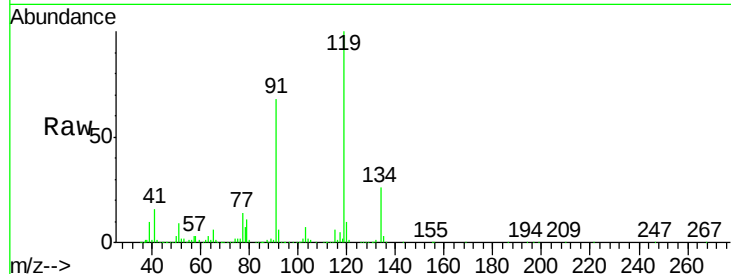
#83
tert-Butylbenzene
Concen: 21.490 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.01 min
Lab File: VW008389.D
Acq: 22 Jan 2019 15:30

Instrument :
MSVOA_W
ClientSampleId :
VW0122SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	103929		
91	65.1	32.4	97.0	
134	26.8	13.9	41.7	

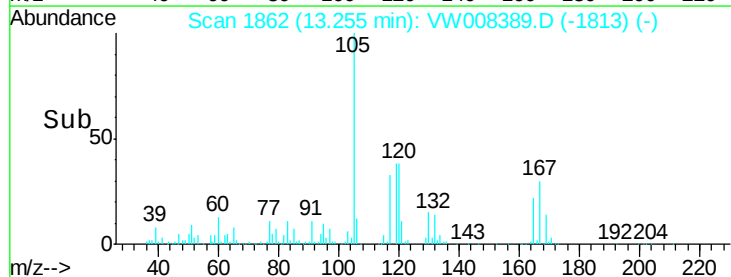
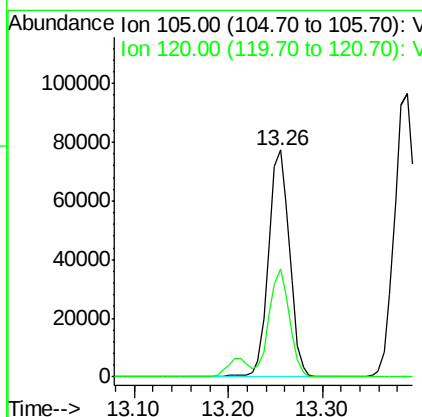
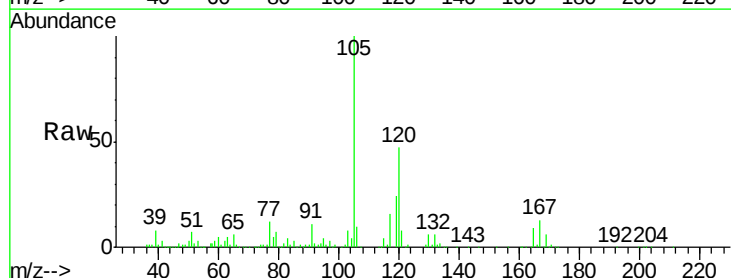
Manual Integrations
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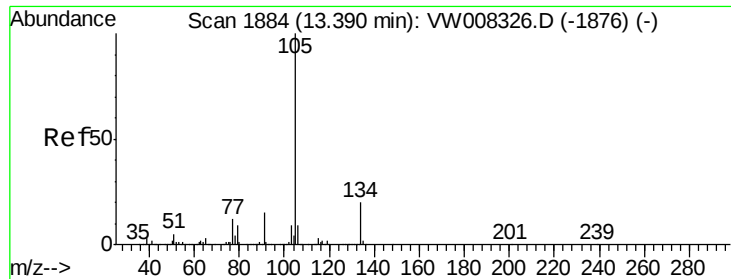
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 21.694 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW008389.D
Acq: 22 Jan 2019 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	121432		
120	45.9	23.5	70.6	





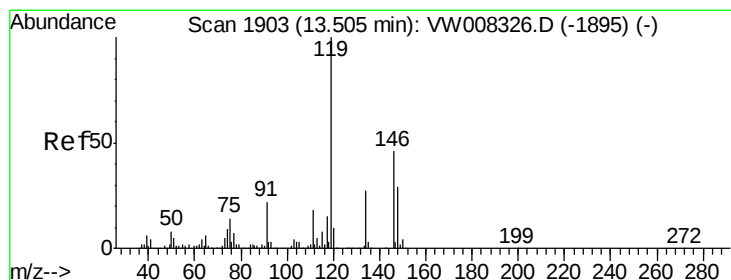
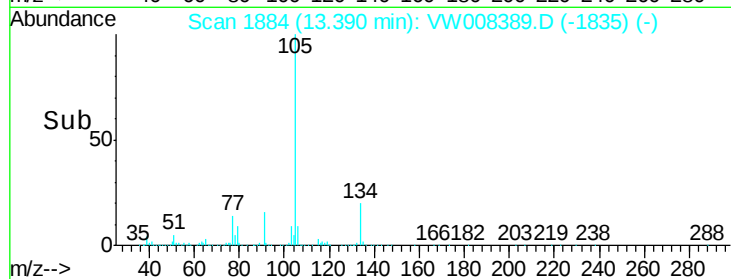
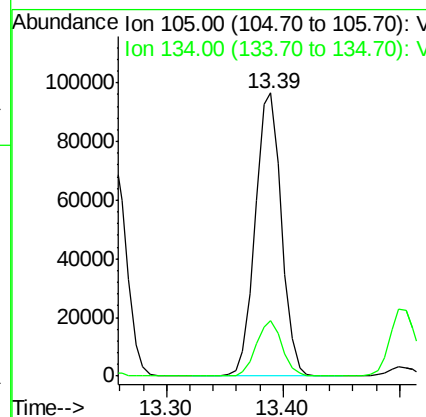
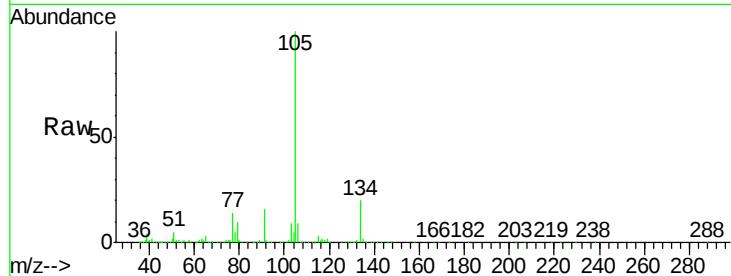
#85
 sec-Butylbenzene
 Concen: 21.793 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW008389.D
 Acq: 22 Jan 2019 15:30

Instrument :
 MSVOA_W
 ClientSampleID :
 VW0122SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.5	10.1	30.3

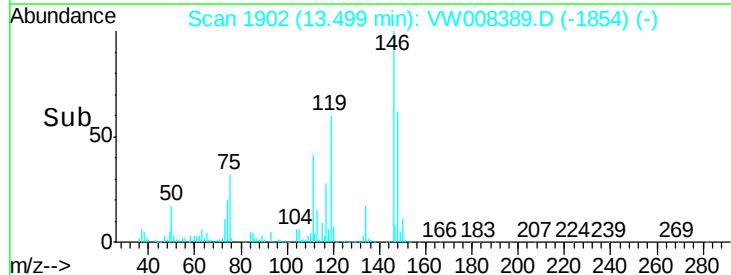
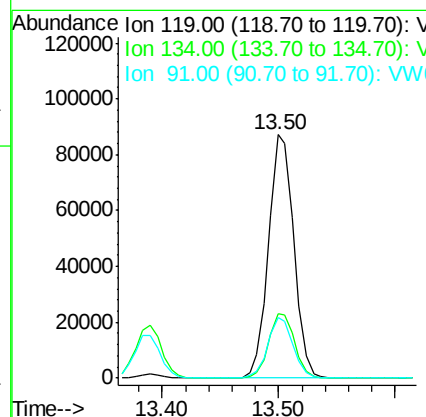
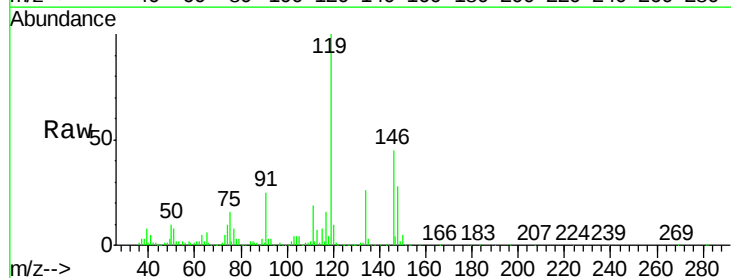
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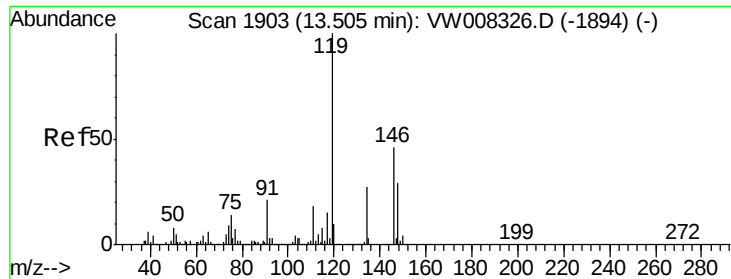
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#86
 p-Isopropyltoluene
 Concen: 21.814 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008389.D
 Acq: 22 Jan 2019 15:30

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.9	13.7	41.0
91	24.9	11.4	34.2





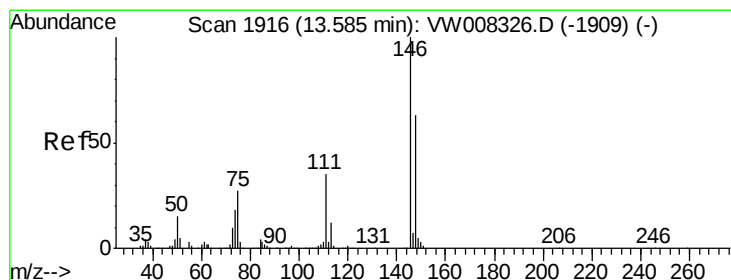
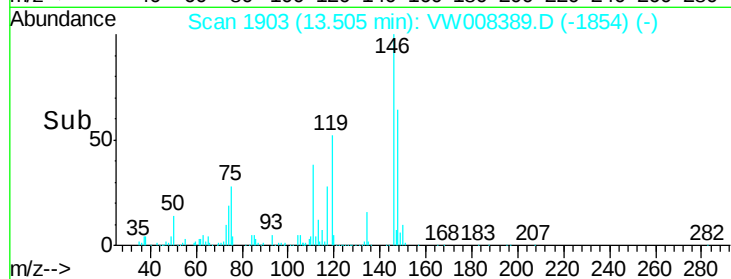
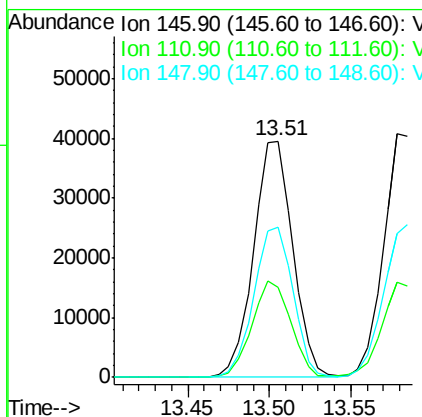
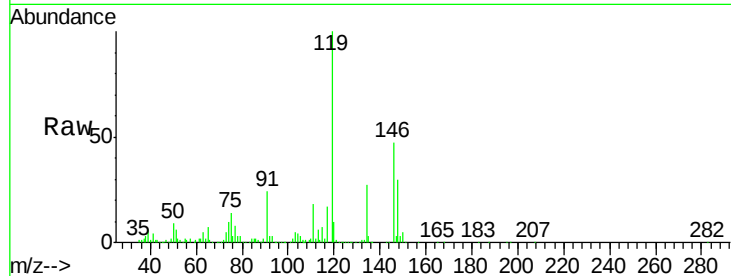
#87
 1,3-Dichlorobenzene
 Concen: 20.981 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW008389.D
 Acq: 22 Jan 2019 15:30

Instrument :
 MSVOA_W
 ClientSampleID :
 VW0122SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	19.9	59.7
148	63.2	31.4	94.3

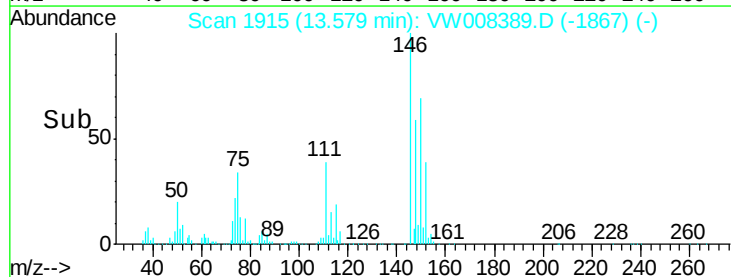
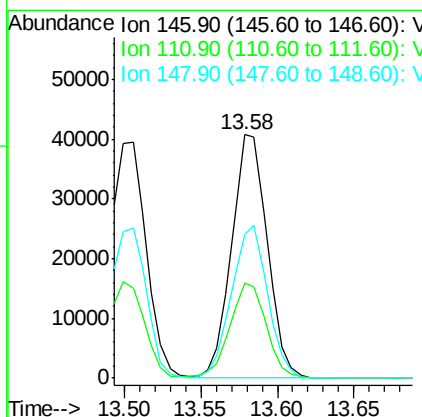
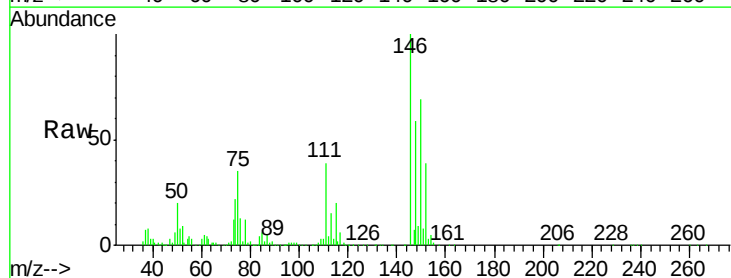
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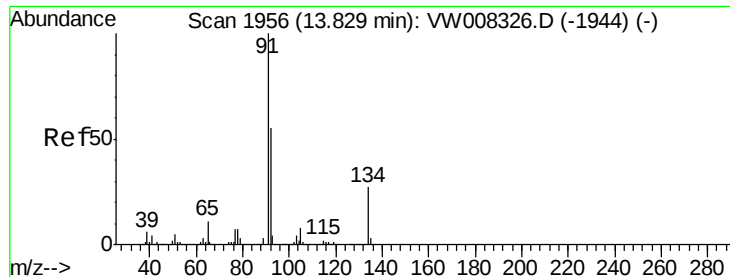
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#88
 1,4-Dichlorobenzene
 Concen: 20.902 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.01 min
 Lab File: VW008389.D
 Acq: 22 Jan 2019 15:30

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.2	18.9	56.5
148	63.5	31.6	94.8





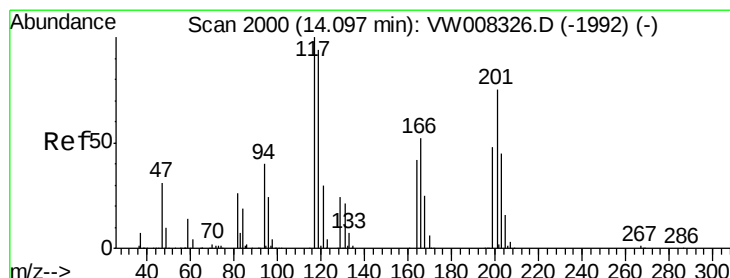
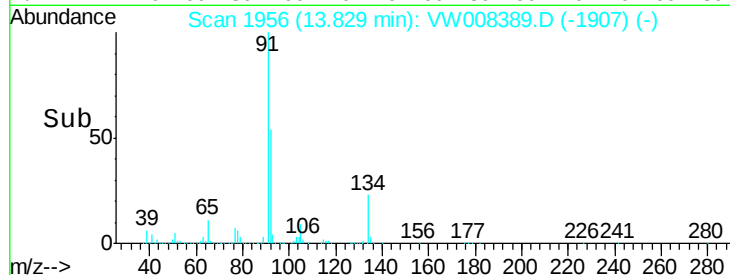
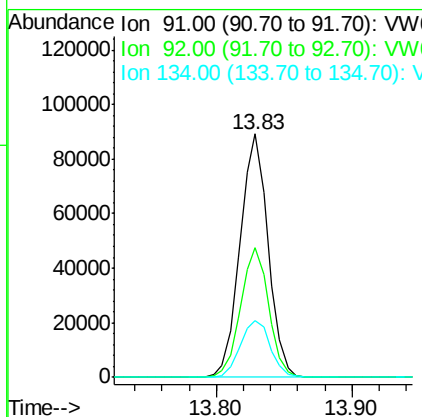
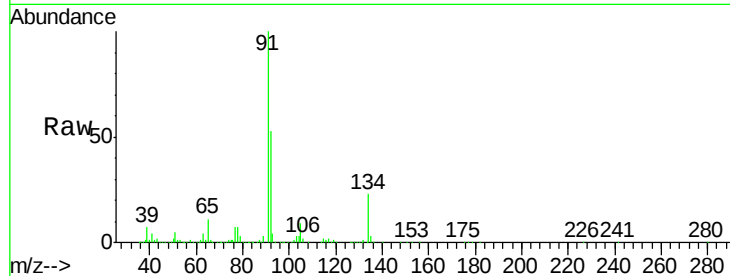
#89
n-Butylbenzene
Concen: 21.990 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW008389.D
Acq: 22 Jan 2019 15:30

Instrument :
MSVOA_W
ClientSampleId :
VW0122SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.8	27.2	81.6
134	25.0	13.4	40.1

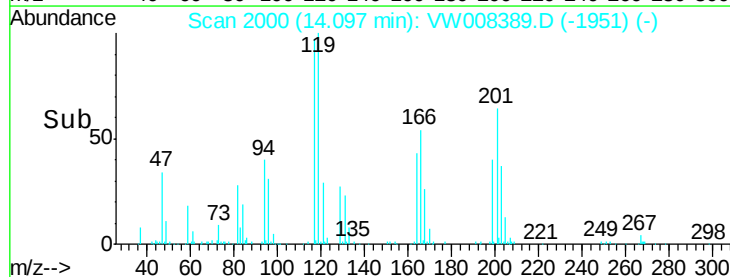
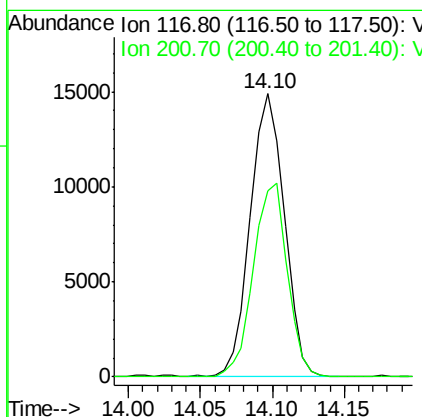
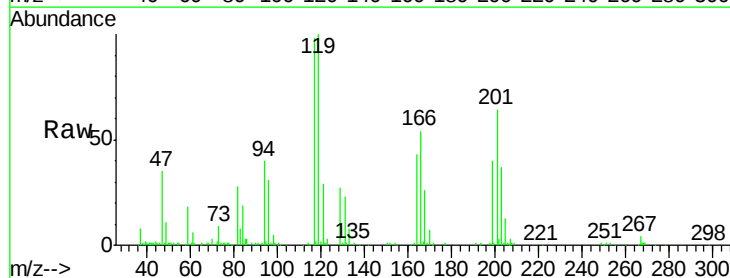
Manual Integrations
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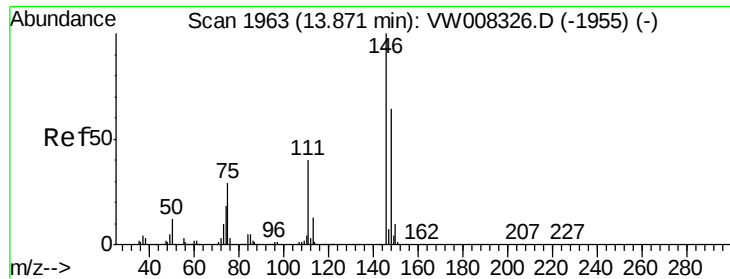
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#90
Hexachloroethane
Concen: 21.766 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW008389.D
Acq: 22 Jan 2019 15:30

Tgt Ion	Ratio	Lower	Upper
117	100		
201	67.9	39.3	117.9





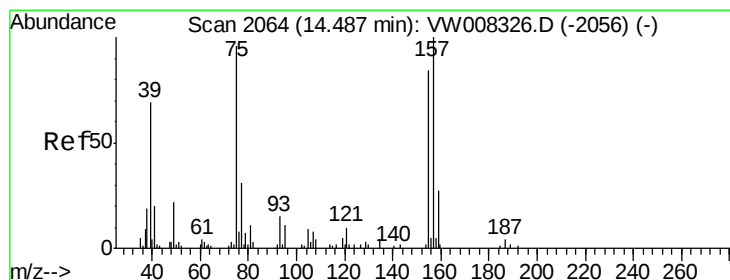
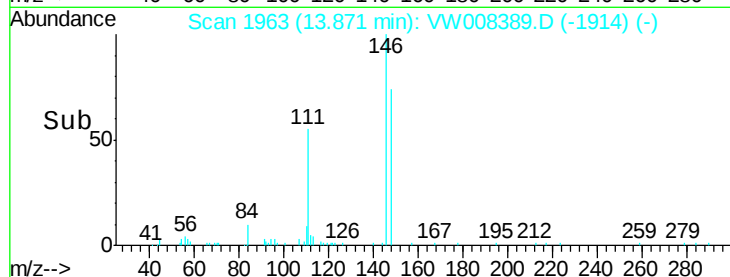
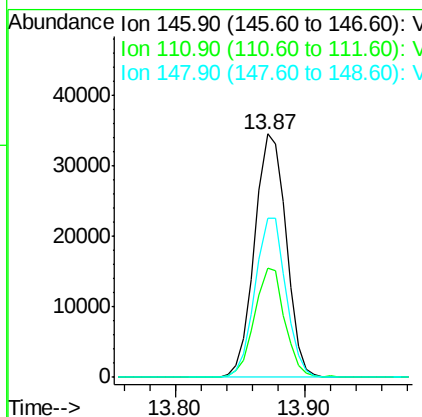
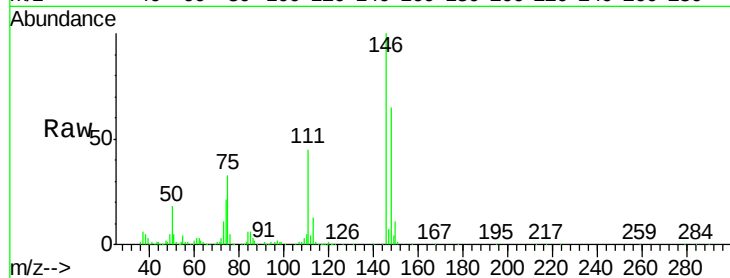
#91
 1,2-Dichlorobenzene
 Concen: 21.125 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW008389.D
 Acq: 22 Jan 2019 15:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0122SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.1	19.6	58.8
148	63.9	31.7	95.1

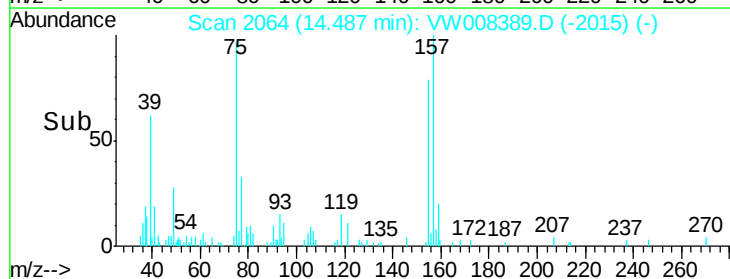
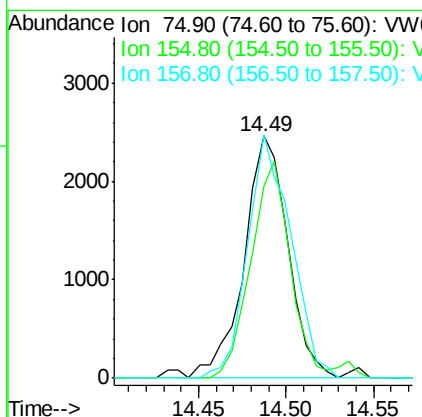
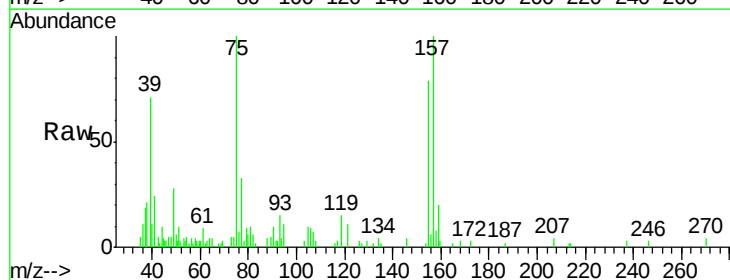
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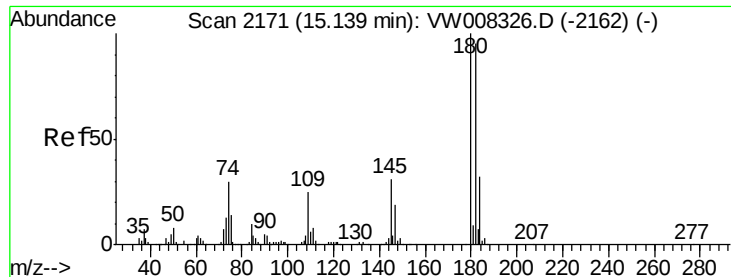
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 23.425 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW008389.D
 Acq: 22 Jan 2019 15:30

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.6	44.7	134.1
157	99.3	53.9	161.8





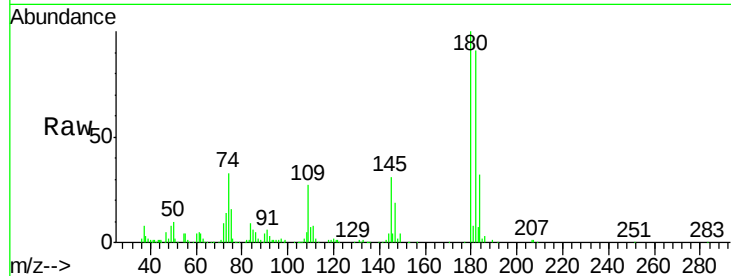
#93
 1,2,4-Trichlorobenzene
 Concen: 20.034 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW008389.D
 Acq: 22 Jan 2019 15:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0122SBSD01

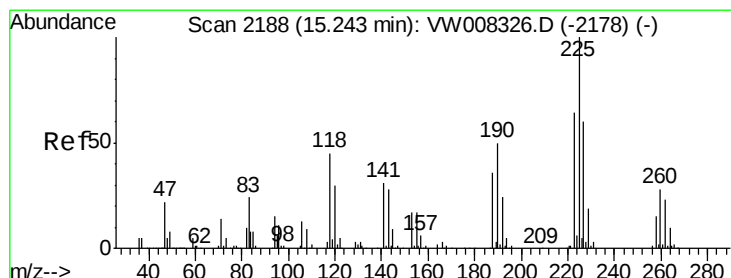
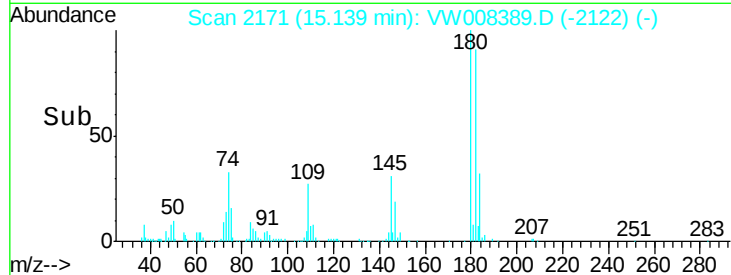
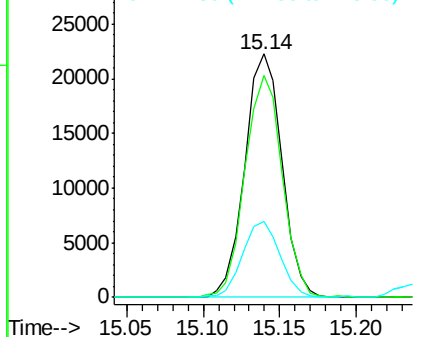
Tot Ion	Ratio	Resp	Lower	Upper
180	100	37627		
182	91.4	47.6	142.8	
145	31.4	14.8	44.4	

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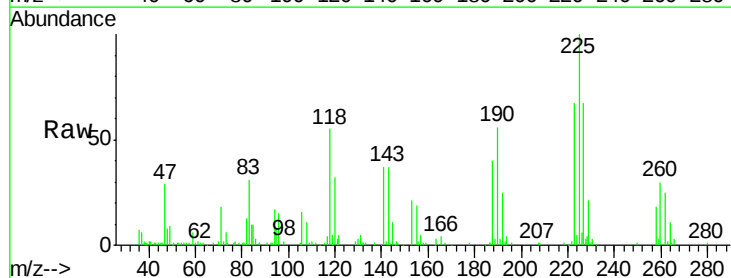


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

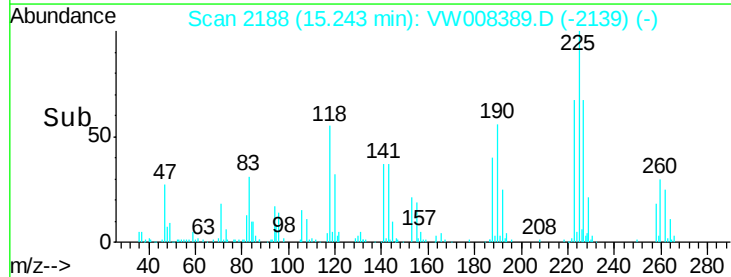
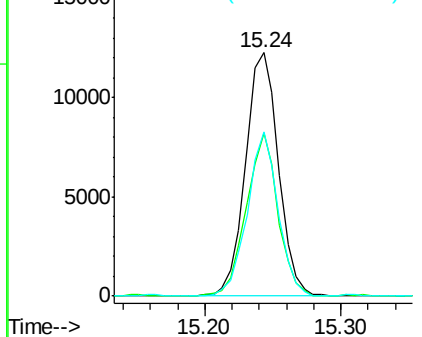


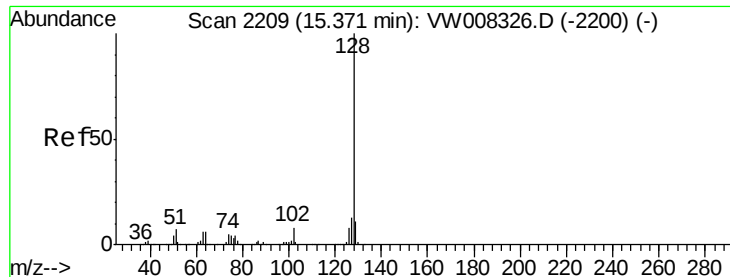
#94
 Hexachlorobutadiene
 Concen: 19.682 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW008389.D
 Acq: 22 Jan 2019 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	20833		
223	64.0	31.1	93.3	
227	62.7	30.3	90.8	



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





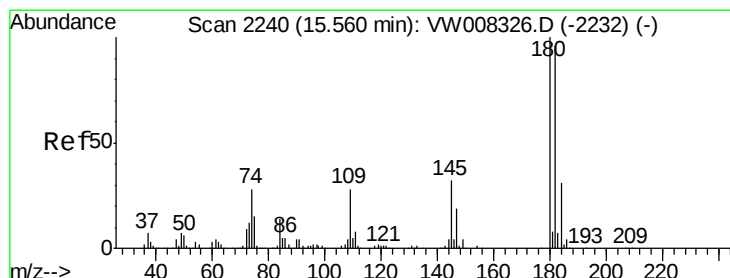
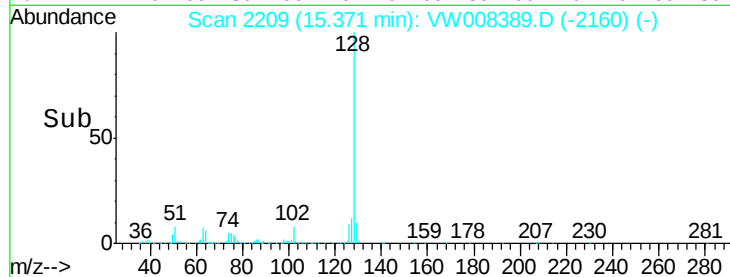
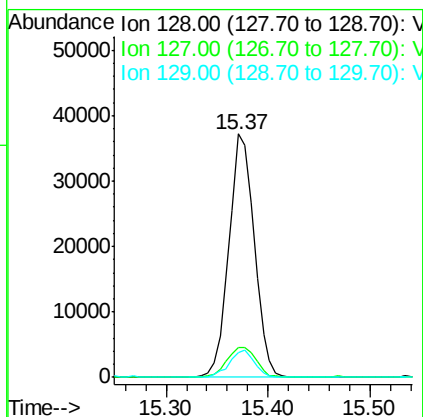
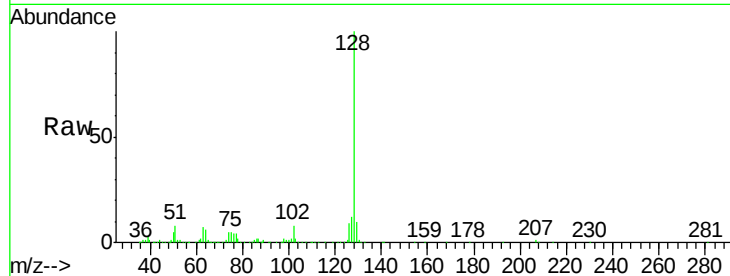
#95
Naphthalene
Concen: 19.912 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW008389.D
Acq: 22 Jan 2019 15:30

Instrument :
MSVOA_W
ClientSampleId :
VW0122SBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.3	10.5	15.7
129	11.2	8.8	13.2

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#96
1,2,3-Trichlorobenzene
Concen: 20.129 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW008389.D
Acq: 22 Jan 2019 15:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	47.3	141.9
145	33.2	16.2	48.6

