

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022819\
 Data File : VW008880.D
 Acq On : 28 Feb 2019 11:58
 Operator : SY/VA
 Sample : VW0228SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0228SBS01

Manual Integrations
 APPROVED

MMDadoda
 3/1/2019 2:56:52 PM

Quant Time: Mar 01 06:22:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:38:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	317626	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	440947	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	417692	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	226222	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	135576	45.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.02%	
35) Dibromofluoromethane	7.88	113	130270	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	
50) Toluene-d8	10.32	98	505026	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	
62) 4-Bromofluorobenzene	12.62	95	191382	47.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.66%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.99	85	58768	18.473	ug/l 96
3) Chloromethane	2.21	50	69900	18.050	ug/l 99
4) Vinyl Chloride	2.35	62	73590	17.948	ug/l 99
5) Bromomethane	2.76	94	72145	23.690	ug/l 98
6) Chloroethane	2.91	64	52761	18.122	ug/l 96
7) Trichlorofluoromethane	3.26	101	102981	19.859	ug/l 92
8) Diethyl Ether	3.68	74	29223	17.800	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	61884	19.652	ug/l 98
10) Methyl Iodide	4.27	142	58664	14.898	ug/l 99
11) Tert butyl alcohol	5.19	59	17425	65.701	ug/l # 70
12) 1,1-Dichloroethene	4.04	96	54285	19.520	ug/l 96
13) Acrolein	3.90	56	15582	71.074	ug/l 100
14) Allyl chloride	4.67	41	93147	19.406	ug/l 98
15) Acrylonitrile	5.37	53	57469	81.567	ug/l 98
16) Acetone	4.13	43	56773	82.218	ug/l 98
17) Carbon Disulfide	4.38	76	161052	17.454	ug/l 98
18) Methyl Acetate	4.68	43	25672	15.674	ug/l 97
19) Methyl tert-butyl Ether	5.42	73	128895	17.124	ug/l 96
20) Methylene Chloride	4.91	84	82457	21.309	ug/l 98
21) trans-1,2-Dichloroethene	5.42	96	60823	18.907	ug/l 96
22) Diisopropyl ether	6.31	45	180681	18.871	ug/l 96
23) Vinyl Acetate	6.26	43	530483	89.672	ug/l 100
24) 1,1-Dichloroethane	6.21	63	108248	19.510	ug/l 97
25) 2-Butanone	7.17	43	77726	80.512	ug/l 97
26) 2,2-Dichloropropane	7.17	77	100237	19.899	ug/l 99
27) cis-1,2-Dichloroethene	7.16	96	65733	19.102	ug/l 98
28) Bromochloromethane	7.51	49	44017	18.958	ug/l # 98
29) Tetrahydrofuran	7.53	42	47553	77.295	ug/l 100
30) Chloroform	7.67	83	110072	19.338	ug/l 97
31) Cyclohexane	7.95	56	110203	19.622	ug/l 94
32) 1,1,1-Trichloroethane	7.87	97	104588	20.205	ug/l 99
36) 1,1-Dichloropropene	8.08	75	89410	20.830	ug/l 99
37) Ethyl Acetate	7.25	43	31748	15.906	ug/l 97
38) Carbon Tetrachloride	8.06	117	95792	21.162	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.33	83	106262	19.847	ug/l	100
40) Benzene	8.32	78	235568	20.101	ug/l	100
41) Methacrylonitrile	7.48	41	19639	16.738	ug/l	95
42) 1,2-Dichloroethane	8.40	62	70679	19.038	ug/l	99
43) Isopropyl Acetate	8.43	43	66889	16.791	ug/l	98
44) Trichloroethene	9.09	130	69142	20.943	ug/l	90
45) 1,2-Dichloropropane	9.37	63	59173	20.432	ug/l	99
46) Dibromomethane	9.46	93	30757	19.093	ug/l	96
47) Bromodichloromethane	9.65	83	78204	19.953	ug/l	99
48) Methyl methacrylate	9.43	41	30054	15.752	ug/l	97
49) 1,4-Dioxane	9.46	88	7853	304.417	ug/l #	72
51) 4-Methyl-2-Pentanone	10.21	43	165482	81.820	ug/l	100
52) Toluene	10.39	92	160512	20.181	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	75195	18.823	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	88788	19.487	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	42553	19.478	ug/l	94
56) Ethyl methacrylate	10.65	69	48440	17.067	ug/l	99
57) 1,3-Dichloropropane	10.93	76	73690	19.105	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	137861	96.575	ug/l	100
59) 2-Hexanone	10.97	43	116075	80.624	ug/l	98
60) Dibromochloromethane	11.13	129	50447	18.932	ug/l	98
61) 1,2-Dibromoethane	11.24	107	38710	17.901	ug/l	100
64) Tetrachloroethene	10.86	164	61438	20.548	ug/l	95
65) Chlorobenzene	11.66	112	178282	20.299	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	59725	20.111	ug/l	97
67) Ethyl Benzene	11.73	91	315973	20.125	ug/l	98
68) m/p-Xylenes	11.84	106	255078	40.661	ug/l	98
69) o-Xylene	12.17	106	119451	20.287	ug/l	98
70) Styrene	12.18	104	185758	19.609	ug/l	100
71) Bromoform	12.35	173	27124	16.992	ug/l #	97
73) Isopropylbenzene	12.46	105	324160	20.902	ug/l	100
74) N-amyl acetate	12.27	43	64422	16.491	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	46273	18.261	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	32998m	17.667	ug/l	
77) Bromobenzene	12.75	156	73754	20.125	ug/l	98
78) n-propylbenzene	12.80	91	395560	20.851	ug/l	98
79) 2-Chlorotoluene	12.89	91	220647	20.486	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	268977	19.958	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	12806	16.668	ug/l	98
82) 4-Chlorotoluene	12.99	91	229516	20.222	ug/l	99
83) tert-Butylbenzene	13.21	119	247354	21.226	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	272547	19.536	ug/l	99
85) sec-Butylbenzene	13.38	105	347091	20.714	ug/l	100
86) p-Isopropyltoluene	13.50	119	309603	20.155	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	156121	20.532	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	151456	20.210	ug/l	99
89) n-Butylbenzene	13.83	91	288371	20.039	ug/l	99
90) Hexachloroethane	14.10	117	51209	20.364	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	131308	19.381	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6981	15.229	ug/l	92

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QLast Update : Fri Feb 22 00:38:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	89754	18.387	ug/l	99
94) Hexachlorobutadiene	15.24	225	60347	20.988	ug/l	99
95) Naphthalene	15.37	128	134491	16.182	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	77889	18.454	ug/l	99

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

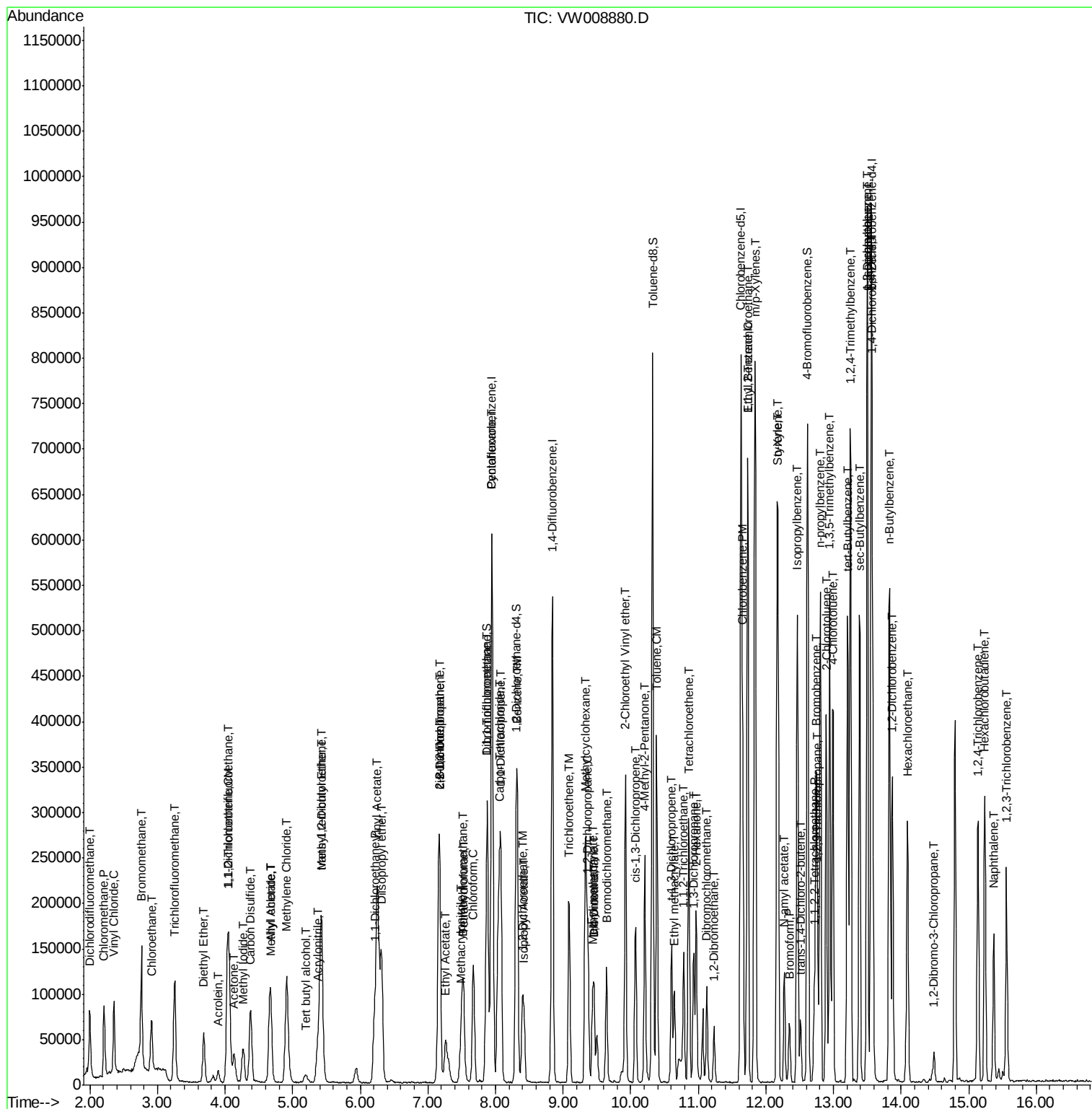
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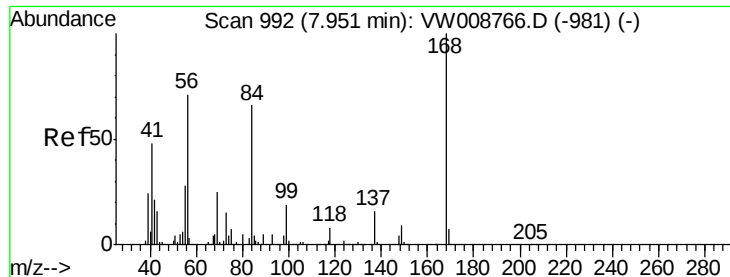
Instrument :
MSVOA_W
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW008880.D

Acq: 28 Feb 2019 11:58

Instrument :

MSVOA_W

ClientSampleId :

VW0228SBS01

Tot Ion:168 Resp: 317626

Ion Ratio Lower Upper

168 100

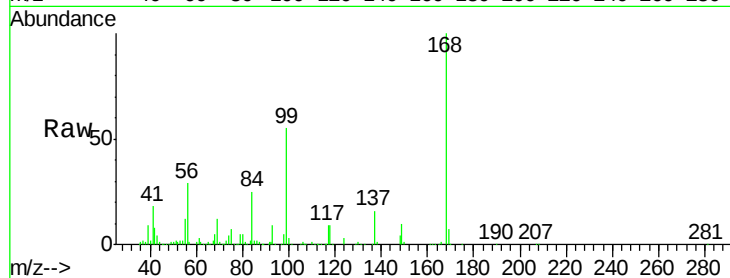
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Manual Integrations

APPROVED

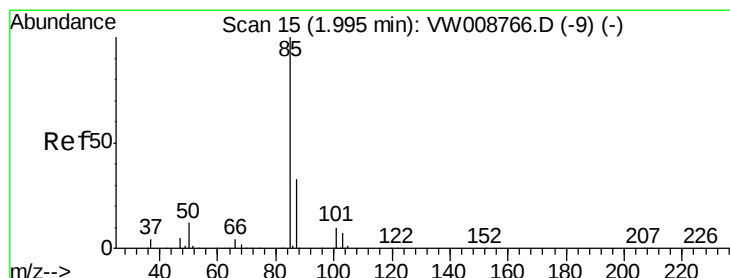
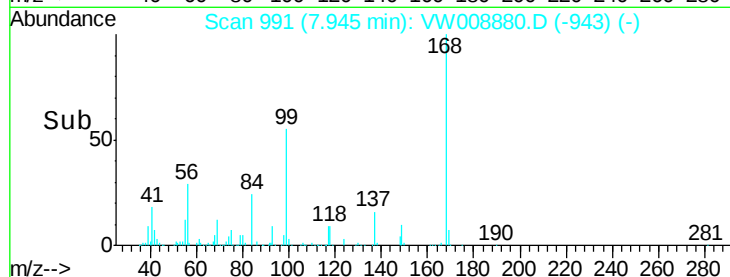
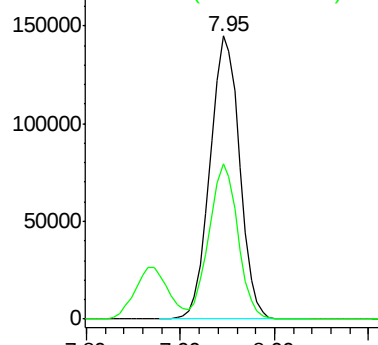
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 18.473 ug/l

RT: 1.99 min Scan# 15

Delta R.T. -0.00 min

Lab File: VW008880.D

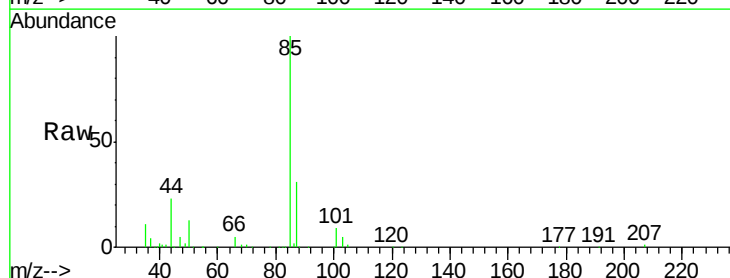
Acq: 28 Feb 2019 11:58

Tgt Ion: 85 Resp: 58768

Ion Ratio Lower Upper

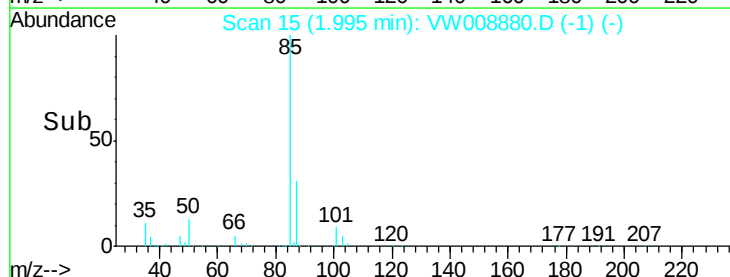
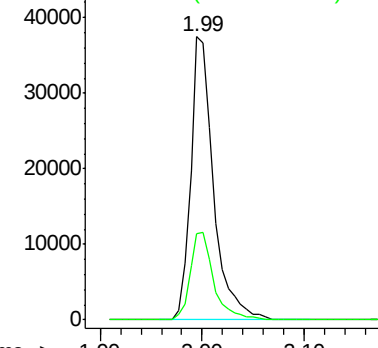
85 100

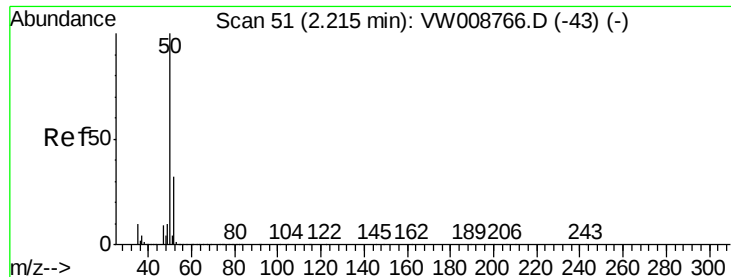
87 30.6 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 18.050 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW008880.D

Acq: 28 Feb 2019 11:58

Instrument :

MSVOA_W

ClientSampleId :

VW0228SBS01

Tot Ion: 50 Resp: 69900

Ion Ratio Lower Upper

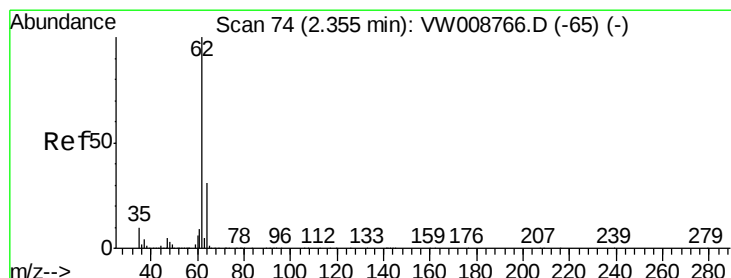
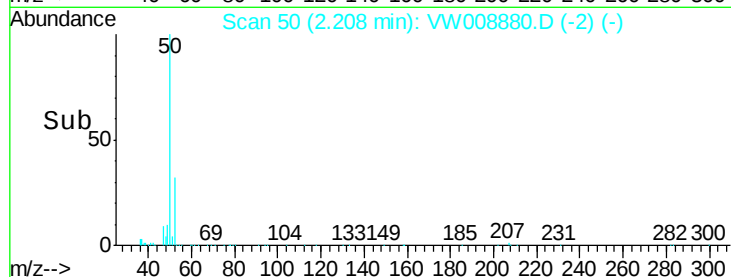
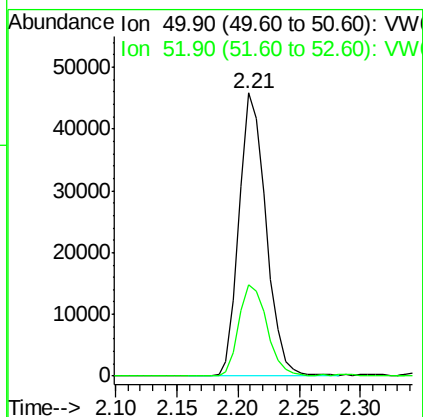
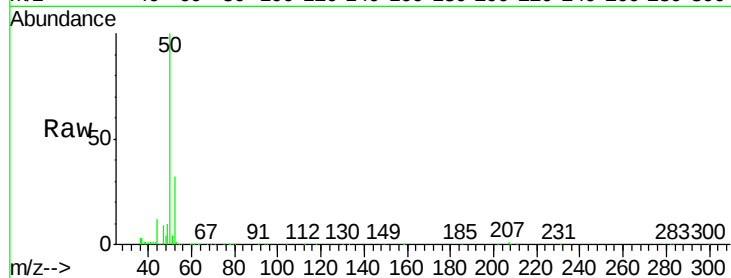
50 100

52 31.9 25.9 38.9

Manual Integrations
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#4

Vinyl Chloride

Concen: 17.948 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.00 min

Lab File: VW008880.D

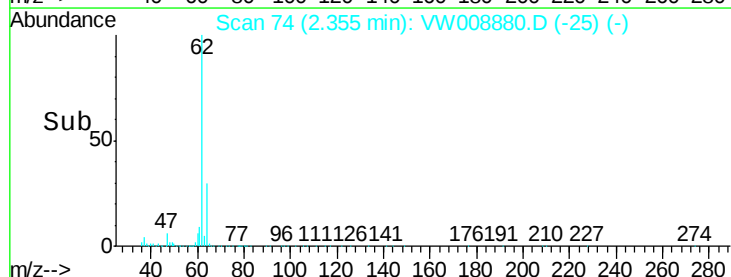
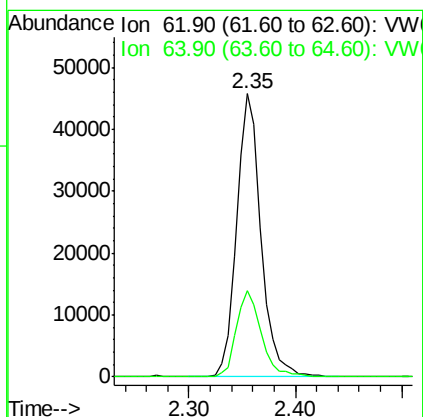
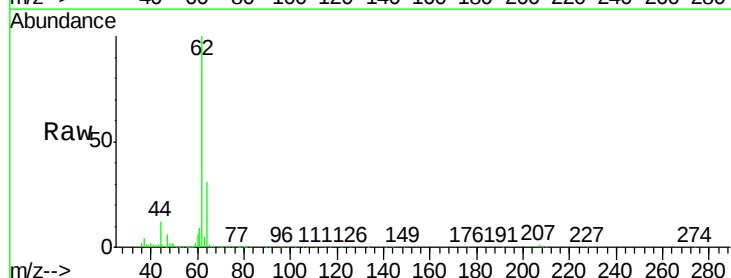
Acq: 28 Feb 2019 11:58

Tgt Ion: 62 Resp: 73590

Ion Ratio Lower Upper

62 100

64 30.4 24.9 37.3





#5

Bromomethane

Concen: 23.690 ug/l

RT: 2.76 min Scan# 141

Delta R.T. 0.01 min

Lab File: VW008880.D

Acq: 28 Feb 2019 11:58

Instrument :

MSVOA_W

ClientSampleId :

VW0228SBS01

Tot Ion: 94 Resp: 72145

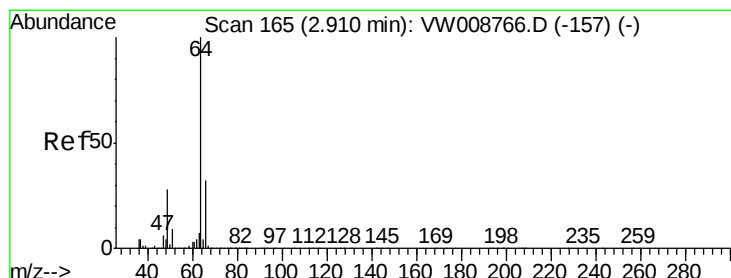
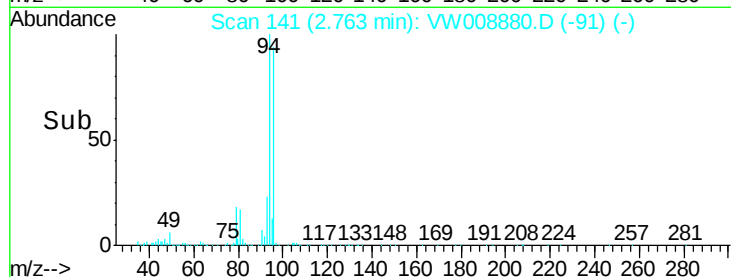
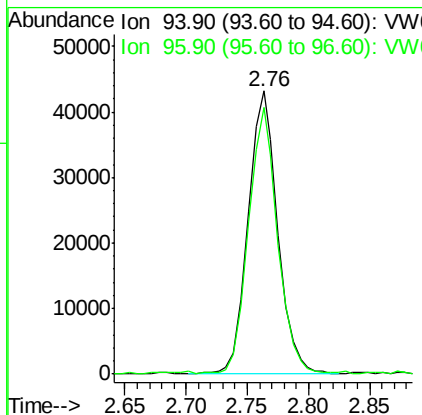
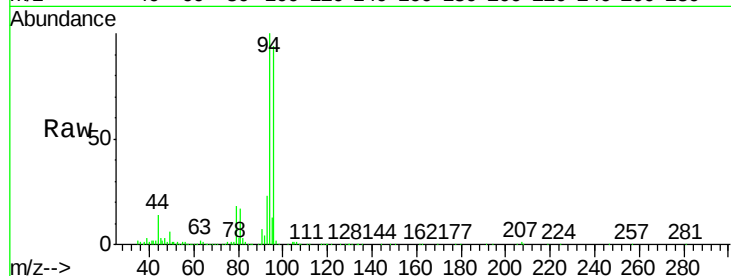
Ion Ratio Lower Upper

94 100

96 93.7 73.4 110.2

Manual Integrations
APPROVED

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#6

Chloroethane

Concen: 18.122 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.00 min

Lab File: VW008880.D

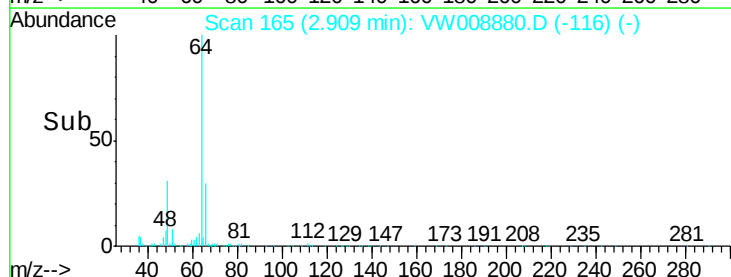
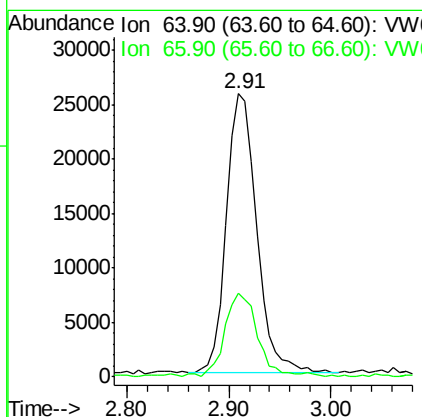
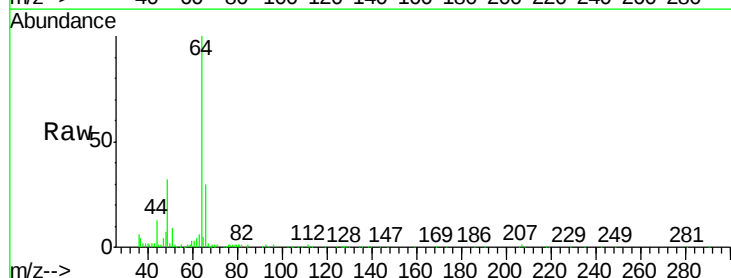
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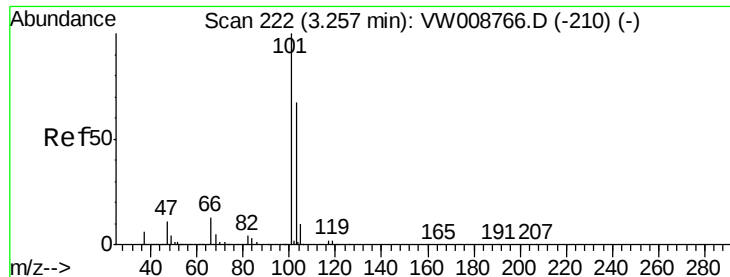
Tgt Ion: 64 Resp: 52761

Ion Ratio Lower Upper

64 100

66 29.7 25.5 38.3





#7

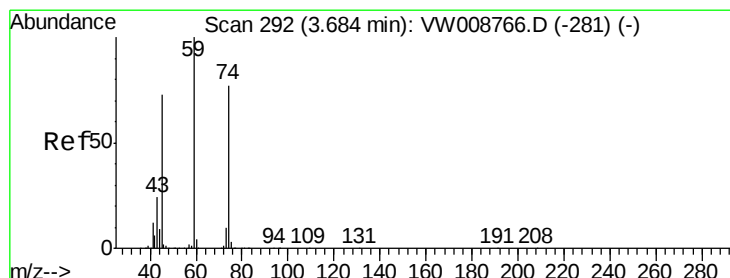
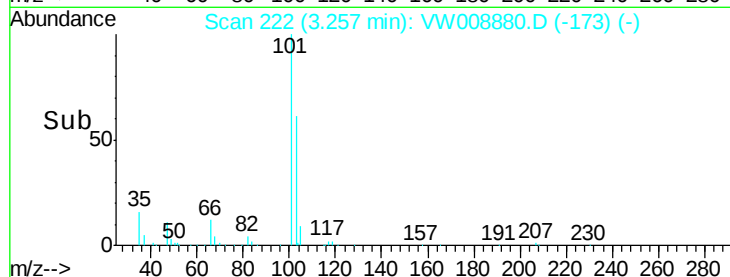
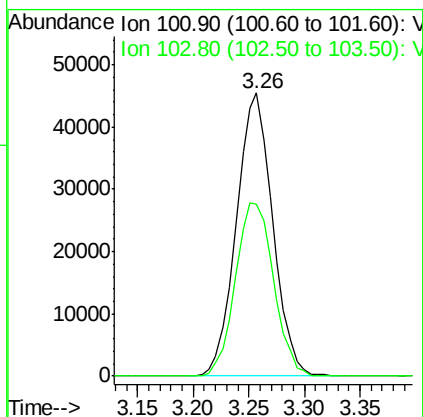
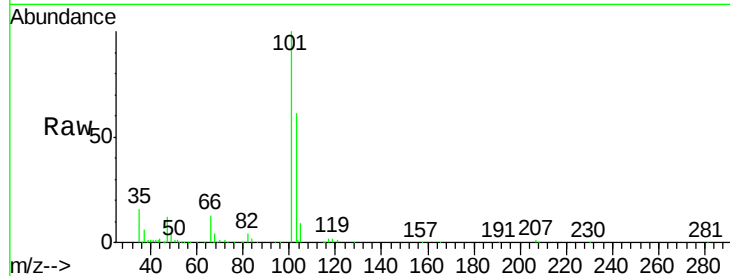
Trichlorofluoromethane
 Concen: 19.859 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW008880.D
 Acq: 28 Feb 2019 11:58

Instrument :
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	102981		
103	61.0	53.9	80.9	

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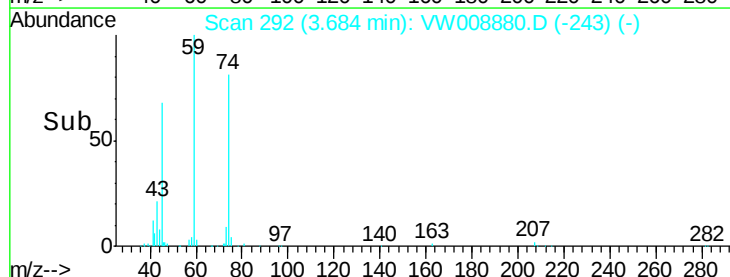
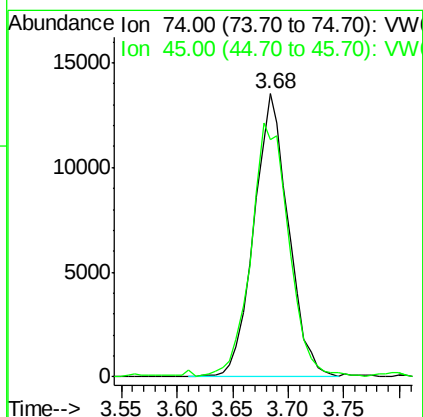
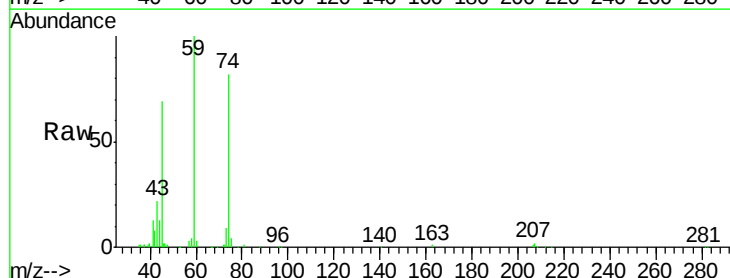
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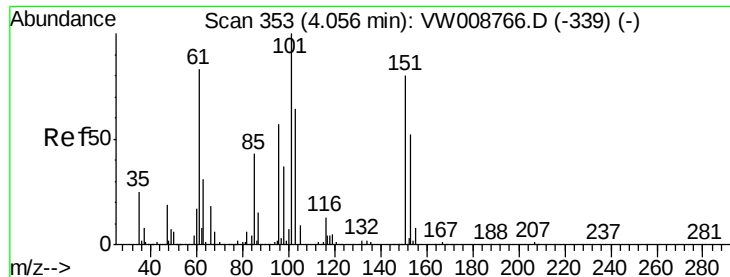


#8

Diethyl Ether
 Concen: 17.800 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. -0.00 min
 Lab File: VW008880.D
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Tgt Ion	Ratio	Resp	Lower	Upper
74	100	29223		
45	98.2	50.2	150.6	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.652 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.00 min

Lab File: VW008880.D

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Instrument :

MSVOA_W

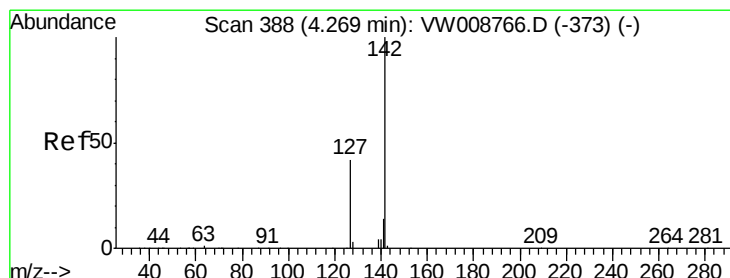
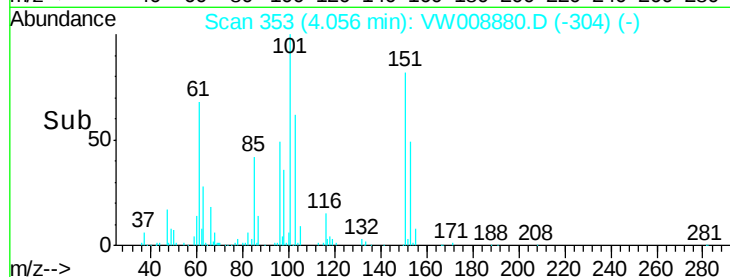
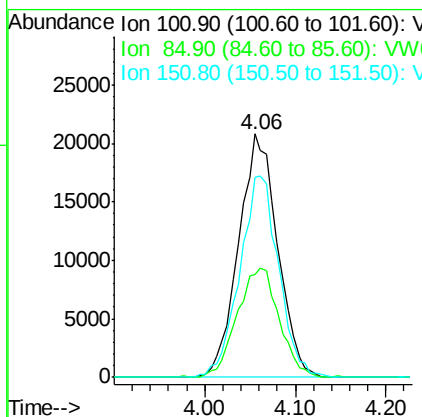
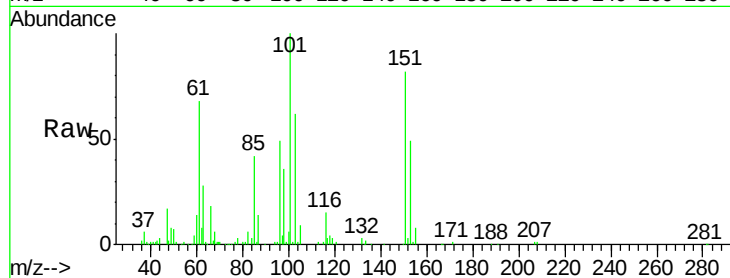
ClientSampleId :

VW0228SBS01

Tot Ion:	101	Resp:	61884
Ion Ratio	Lower	Upper	
101	100		
85	48.1	36.0	54.0
151	82.5	65.5	98.3

Manual Integrations
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#10

Methyl Iodide

Concen: 14.898 ug/l

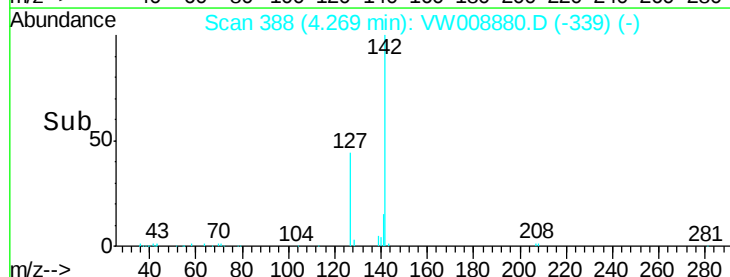
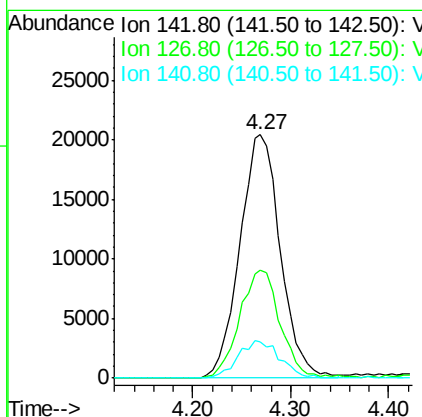
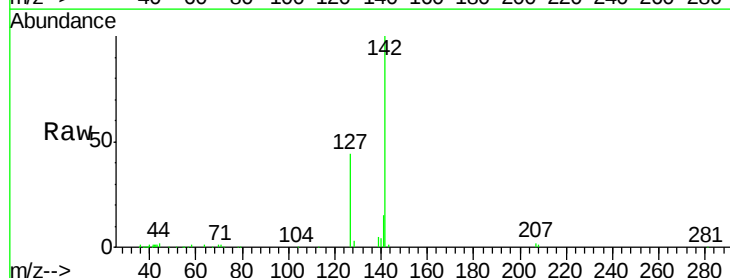
RT: 4.27 min Scan# 388

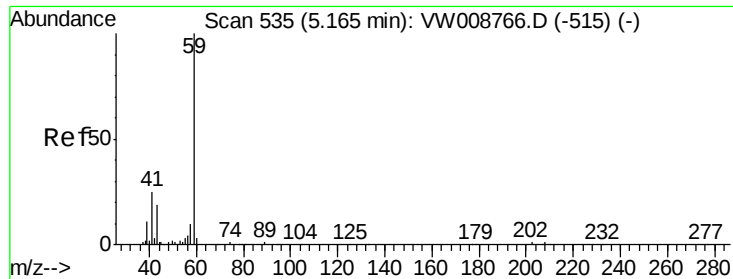
Delta R.T. -0.00 min

Lab File: VW008880.D

Acq: 28 Feb 2019 11:58

Tgt Ion:	142	Resp:	58664
Ion Ratio	Lower	Upper	
142	100		
127	44.4	35.3	52.9
141	15.7	11.7	17.5





#11

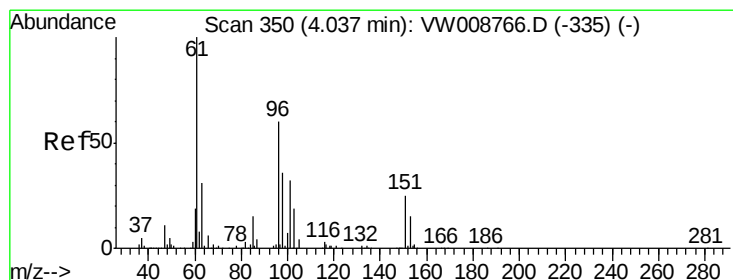
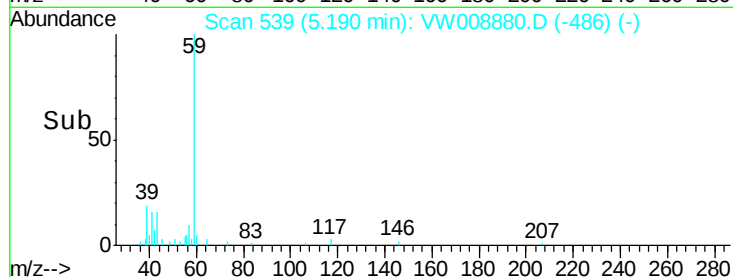
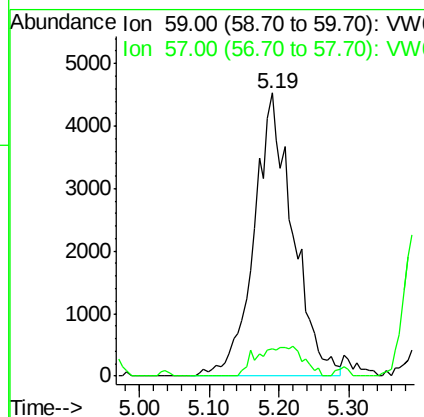
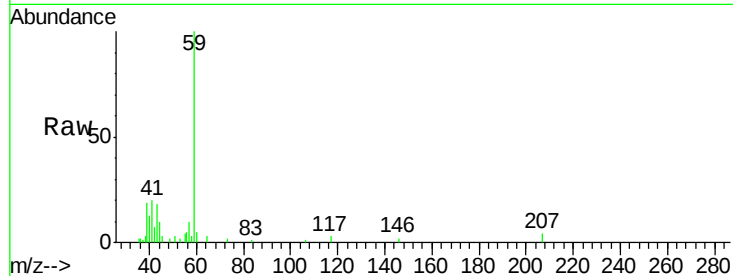
Tert butyl alcohol
Concen: 65.701 ug/l
RT: 5.19 min Scan# 539
Delta R.T. 0.02 min
Lab File: VW008880.D
Acq: 28 Feb 2019 11:58

Instrument :
MSVOA_W
ClientSampleId :
VW0228SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	17425		
57	57	0.0	9.3	13.9#	

Manual Integrations
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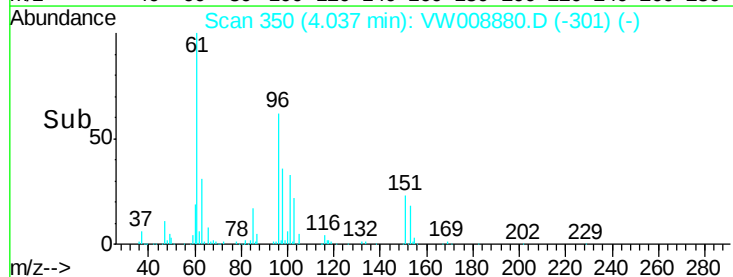
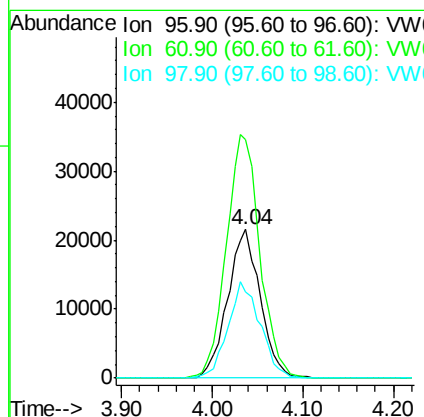
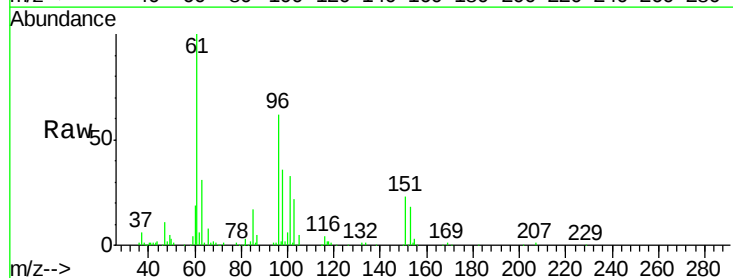
MMDadoda
3/1/2019 2:56:52 PM

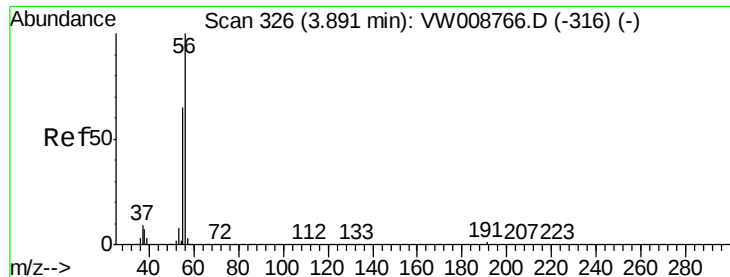


#12

1,1-Dichloroethene
Concen: 19.520 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.00 min
Lab File: VW008880.D
Acq: 28 Feb 2019 11:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	54285		
61	61	160.3	132.5	198.7	
98	98	57.9	48.2	72.4	





#13

Acrolein

Concen: 71.074 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.01 min

Lab File: VW008880.D

Acq: 28 Feb 2019 11:58

Instrument :

MSVOA_W

ClientSampleId :

VW0228SBS01

Tot Ion: 56 Resp: 15582

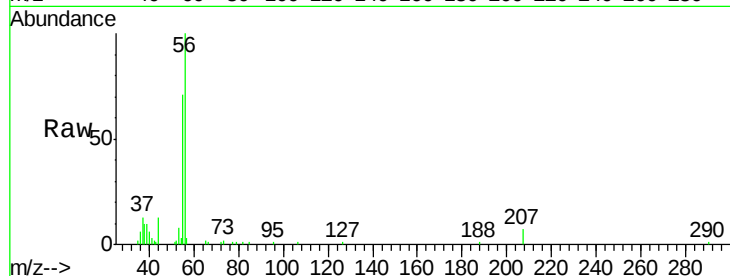
Ion Ratio Lower Upper

56 100

55 71.0 56.9 85.3

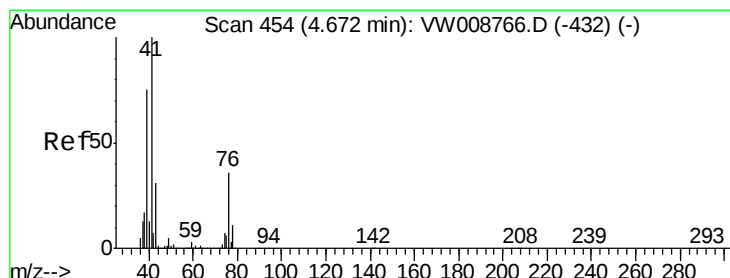
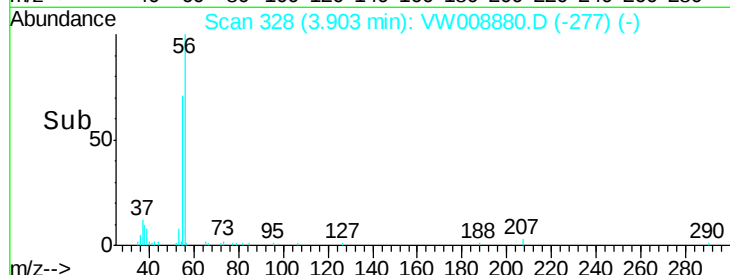
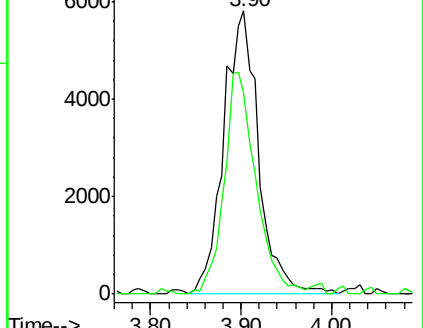
Manual Integrations
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3/1/2019 2:56:52 PM



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 19.406 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.00 min

Lab File: VW008880.D

Acq: 28 Feb 2019 11:58

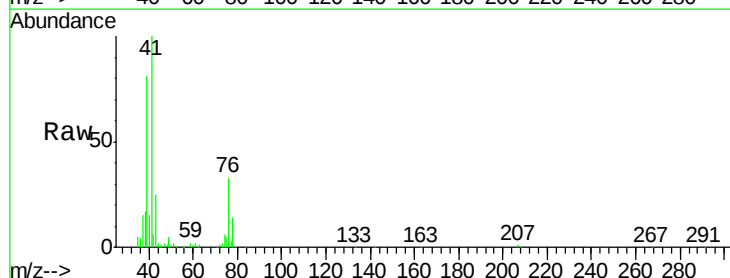
Tgt Ion: 41 Resp: 93147

Ion Ratio Lower Upper

41 100

39 77.5 60.6 91.0

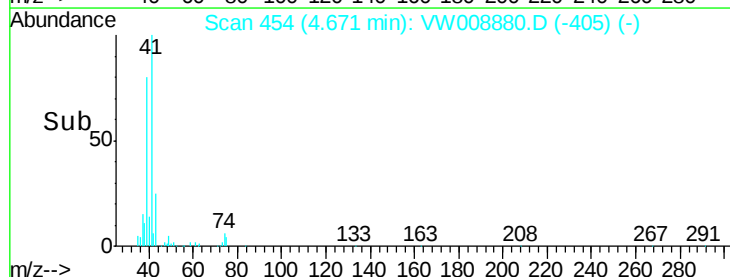
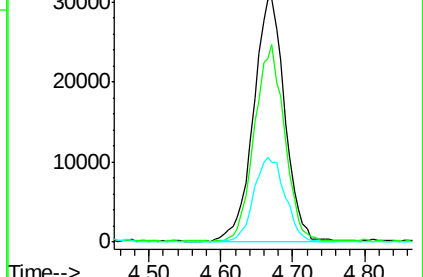
76 34.3 28.6 42.8



Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 81.567 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.01 min

Lab File: VW008880.D

Acq: 28 Feb 2019 11:58

Instrument :

MSVOA_W

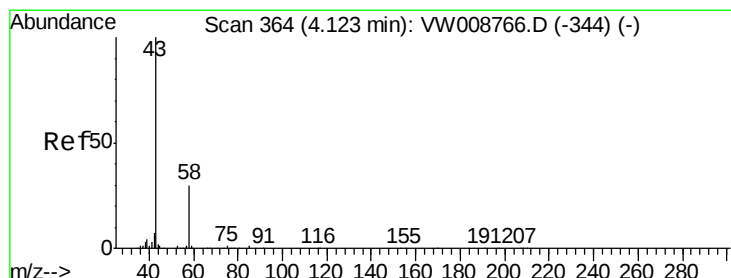
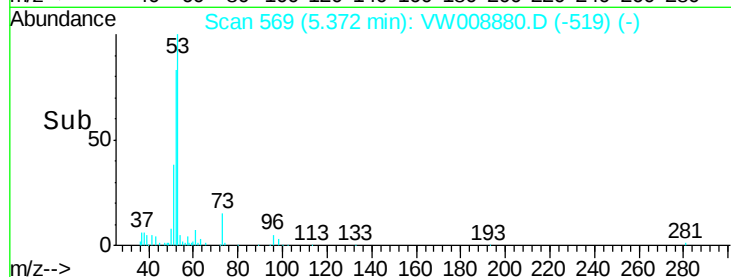
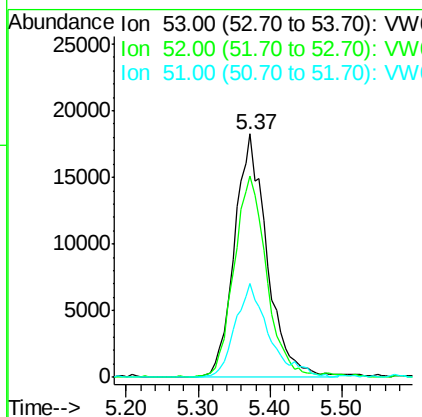
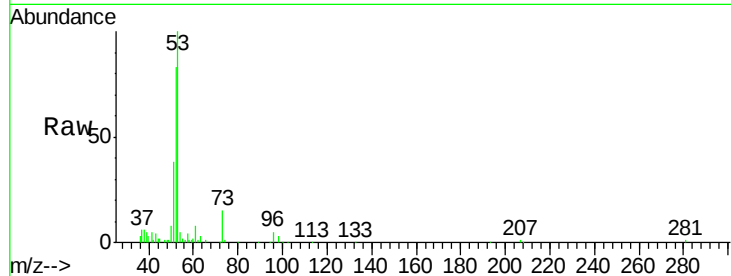
ClientSampleId :

VW0228SBS01

Tot Ion:	53	Resp:	57469
Ion	Ratio	Lower	Upper
53	100		
52	82.2	67.2	100.8
51	39.8	31.1	46.7

Manual Integrations
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#16

Acetone

Concen: 82.218 ug/l

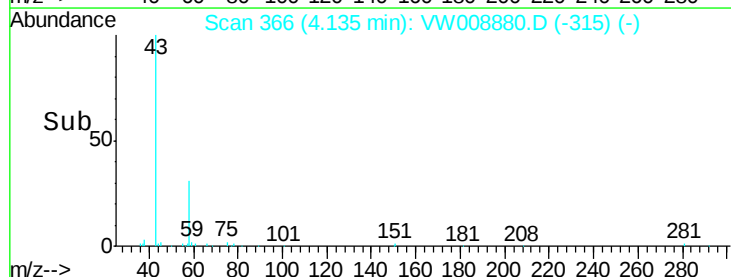
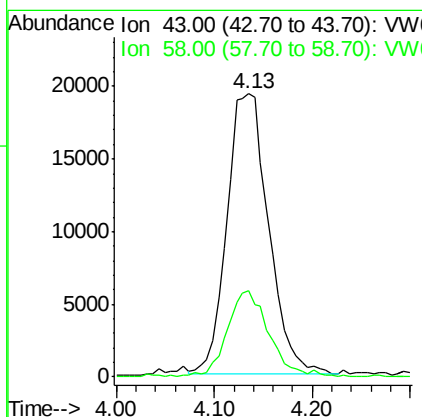
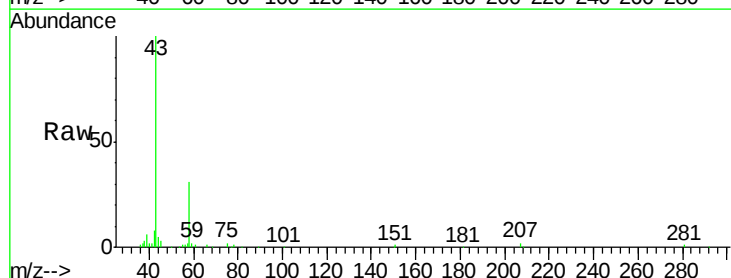
RT: 4.13 min Scan# 366

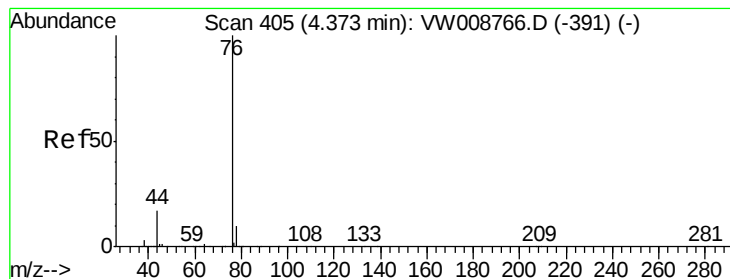
Delta R.T. 0.01 min

Lab File: VW008880.D

Acq: 28 Feb 2019 11:58

Tgt Ion:	43	Resp:	56773
Ion	Ratio	Lower	Upper
43	100		
58	30.6	23.8	35.6





#17

Carbon Disulfide

Concen: 17.454 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW008880.D

Acq: 28 Feb 2019 11:58

Instrument :

MSVOA_W

ClientSampleId :

VW0228SBS01

Tot Ion: 76 Resp: 161052

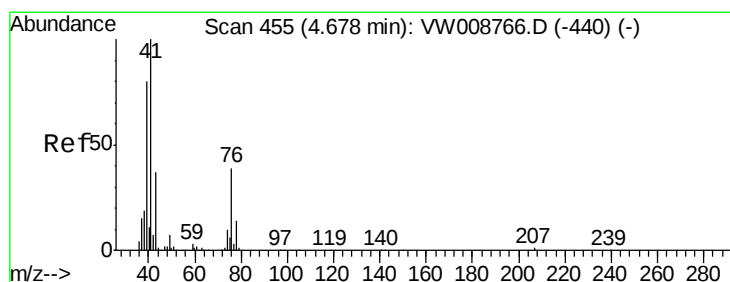
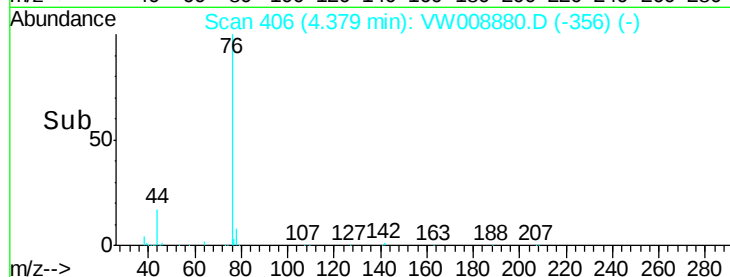
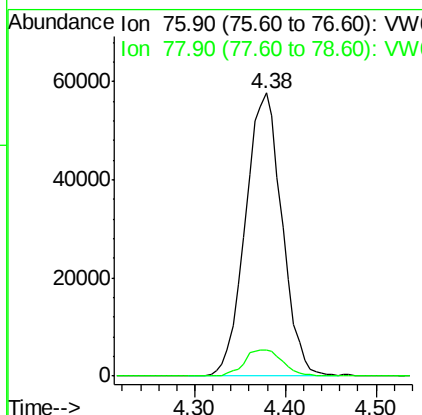
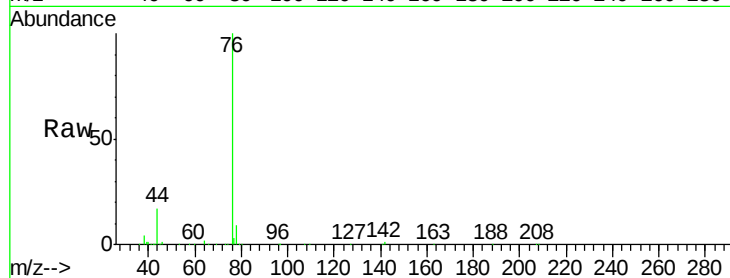
Ion Ratio Lower Upper

76 100

78 9.2 7.8 11.8

Manual Integrations
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3/1/2019 2:56:52 PM



#18

Methyl Acetate

Concen: 15.674 ug/l

RT: 4.68 min Scan# 456

Delta R.T. 0.01 min

Lab File: VW008880.D

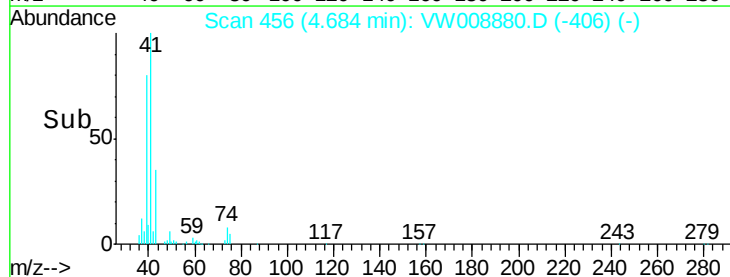
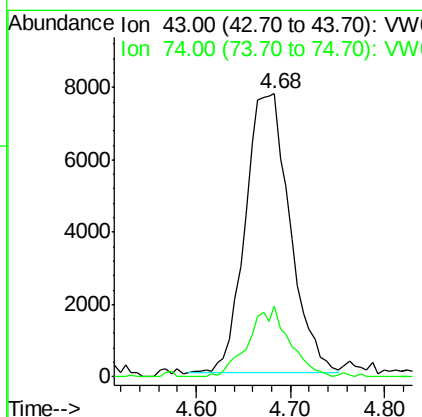
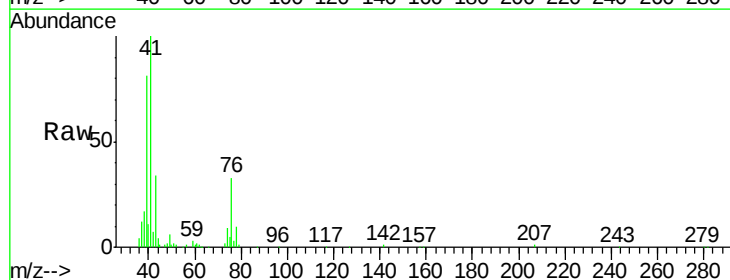
Acq: 28 Feb 2019 11:58

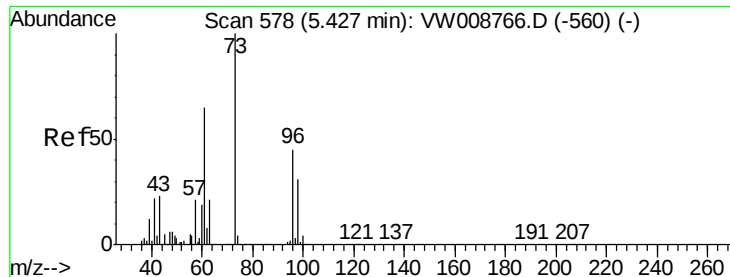
Tgt Ion: 43 Resp: 25672

Ion Ratio Lower Upper

43 100

74 22.8 19.4 29.2





#19

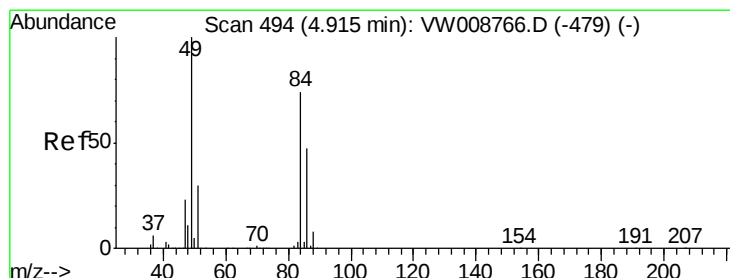
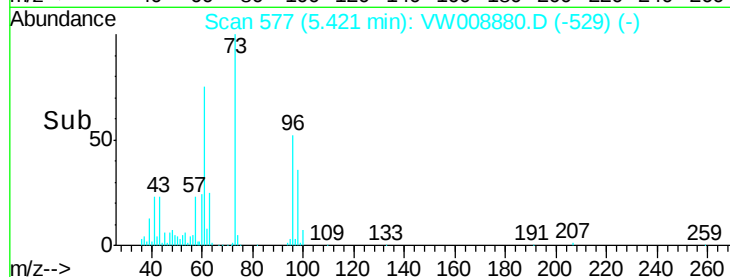
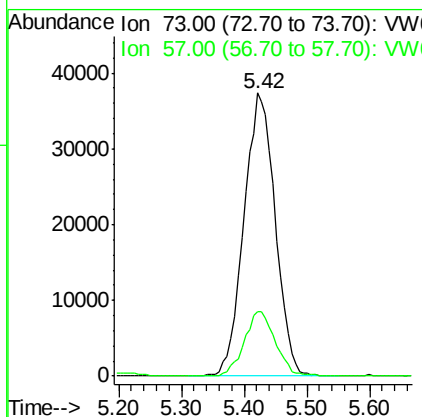
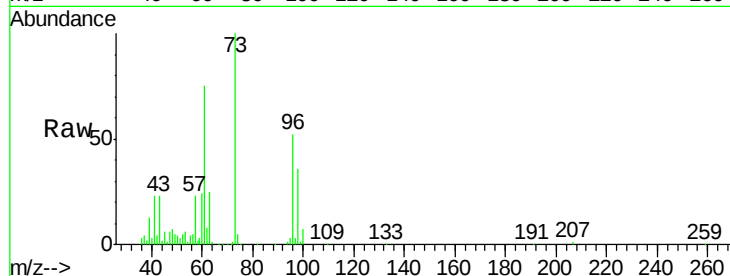
Methyl tert-butyl Ether
 Concen: 17.124 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. -0.01 min
 Lab File: VW008880.D
 Acq: 28 Feb 2019 11:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0228SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.8	16.8	25.2

Manual Integrations
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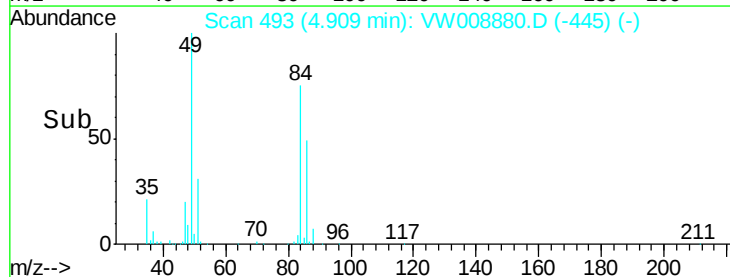
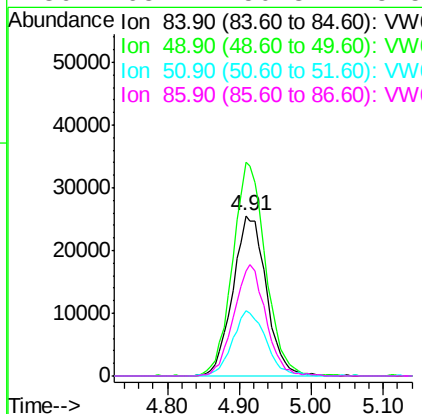
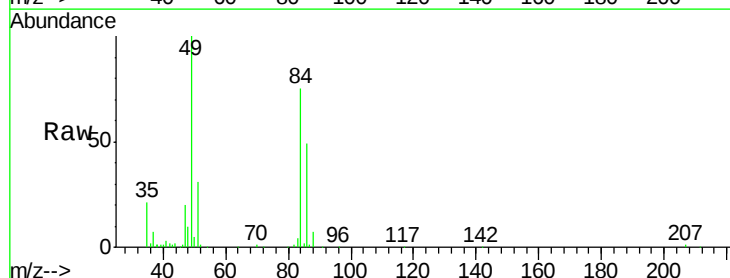
MMDadoda
 3/1/2019 2:56:52 PM

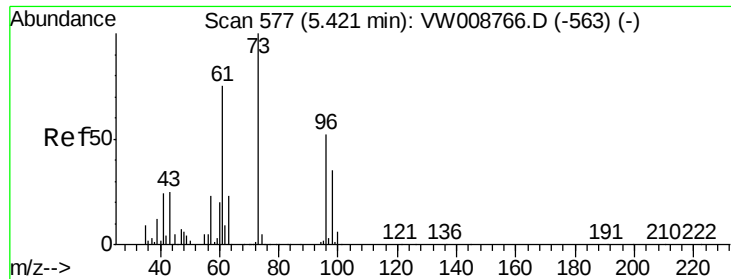


#20

Methylene Chloride
 Concen: 21.309 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. -0.01 min
 Lab File: VW008880.D
 Acq: 28 Feb 2019 11:58

Tgt Ion	Ratio	Lower	Upper
84	100		
49	133.3	108.2	162.2
51	40.8	32.7	49.1
86	65.2	50.3	75.5





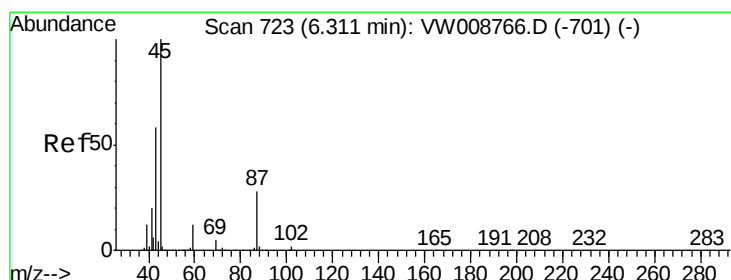
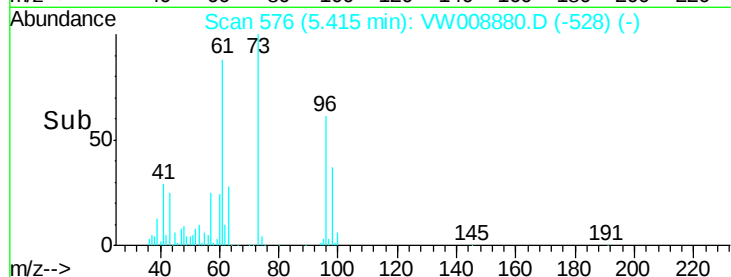
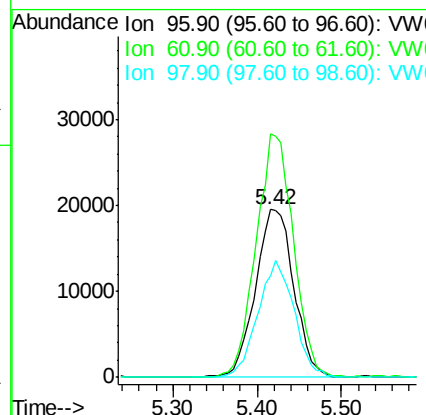
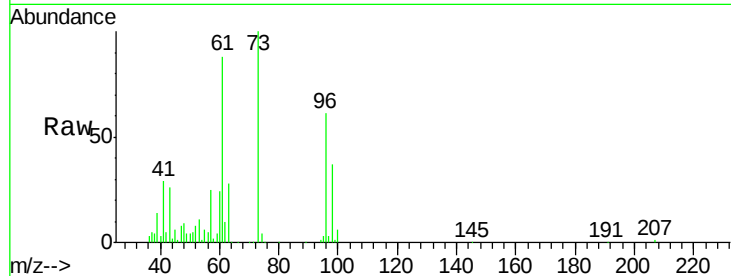
#21
trans-1,2-Dichloroethene
Concen: 18.907 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW008880.D
Acq: 28 Feb 2019 11:58

Instrument :
MSVOA_W
ClientSampleId :
VW0228SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.2	114.6	171.8
98	60.8	54.0	81.0

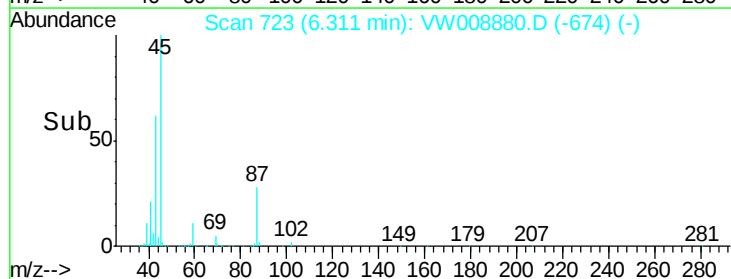
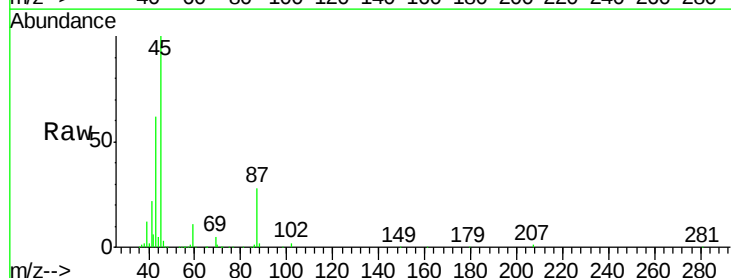
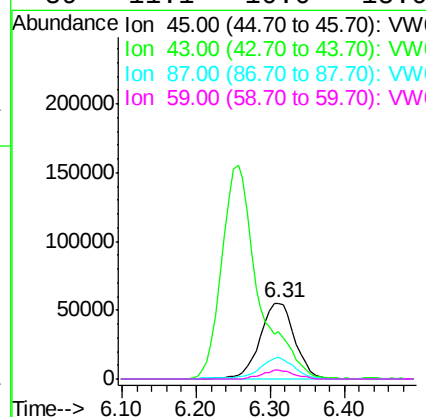
Manual Integrations
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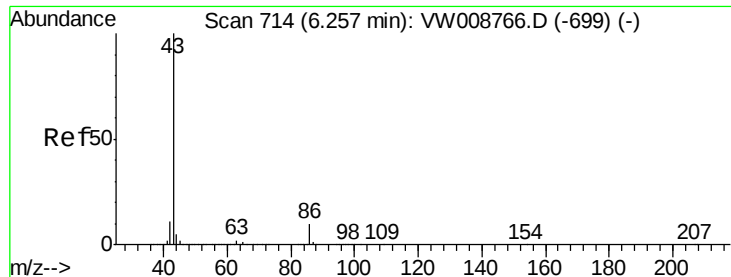
MMDadoda
3/1/2019 2:56:52 PM



#22
Diisopropyl ether
Concen: 18.871 ug/l
RT: 6.31 min Scan# 723
Delta R.T. -0.00 min
Lab File: VW008880.D
Acq: 28 Feb 2019 11:58

Tgt Ion	Ratio	Lower	Upper
45	100		
43	61.4	46.1	69.1
87	28.3	22.2	33.4
59	11.1	10.0	15.0





#23

Vinyl Acetate

Concen: 89.672 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW008880.D

Acq: 28 Feb 2019 11:58

Instrument :

MSVOA_W

ClientSampleId :

VW0228SBS01

Tot Ion: 43 Resp: 530483

Ion Ratio Lower Upper

43 100

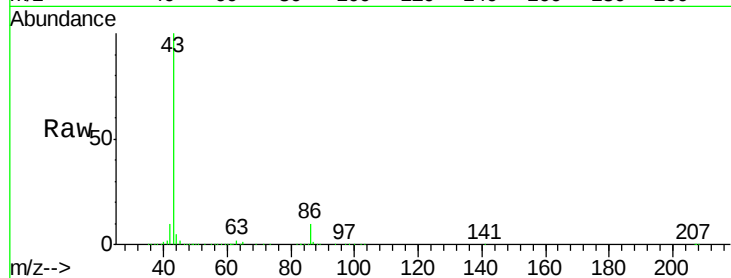
86 10.2 8.1 12.1

Manual Integrations

APPROVED

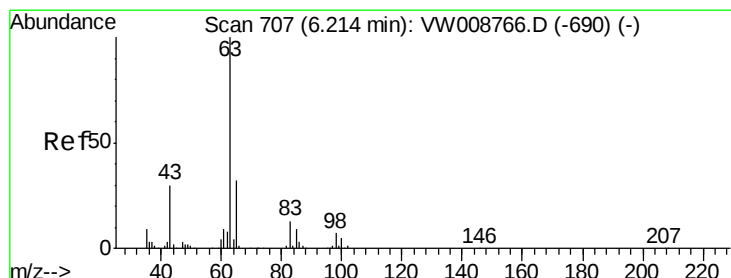
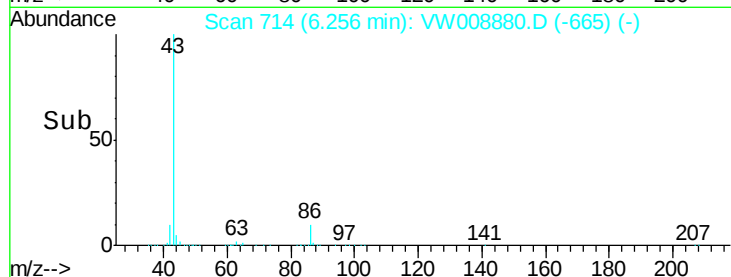
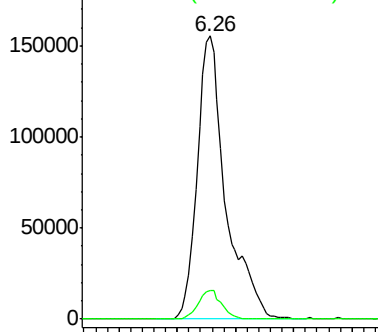
MMDadoda

3/1/2019 2:56:52 PM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 19.510 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW008880.D

Acq: 28 Feb 2019 11:58

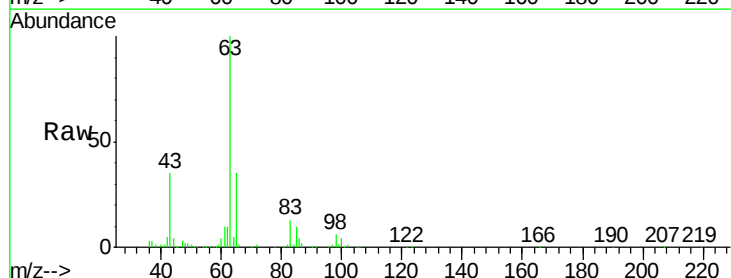
Tgt Ion: 63 Resp: 108248

Ion Ratio Lower Upper

63 100

98 5.8 3.5 10.6

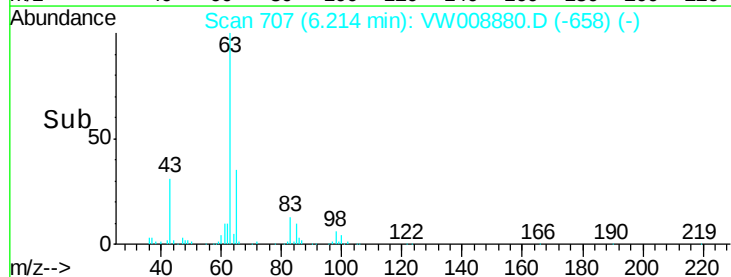
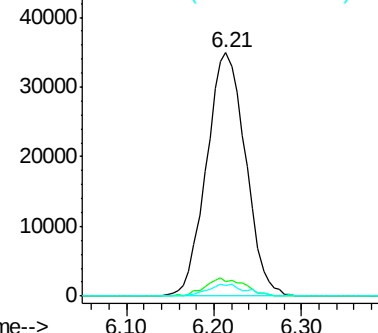
100 4.2 2.4 7.2

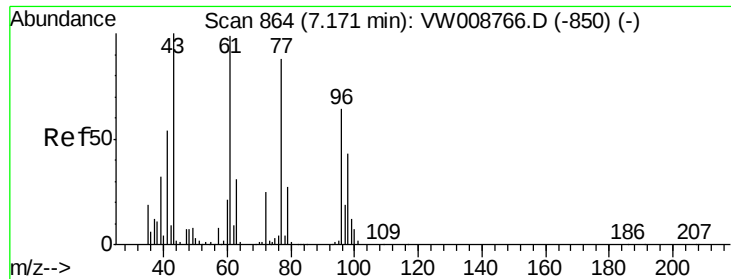


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 80.512 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW008880.D

Acq: 28 Feb 2019 11:58

Instrument :

MSVOA_W

ClientSampleId :

VW0228SBS01

Tot Ion: 43 Resp: 77726

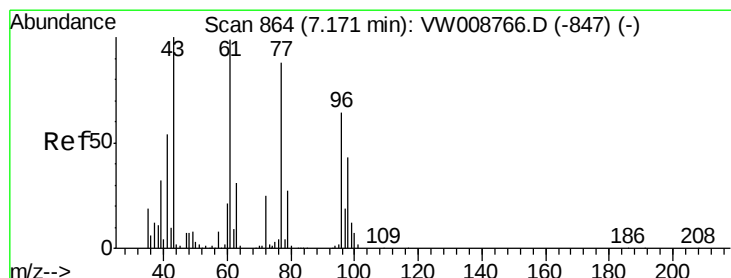
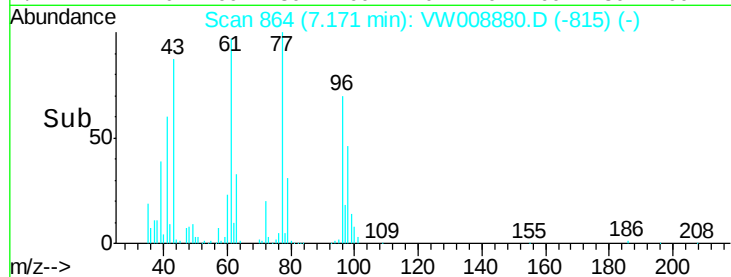
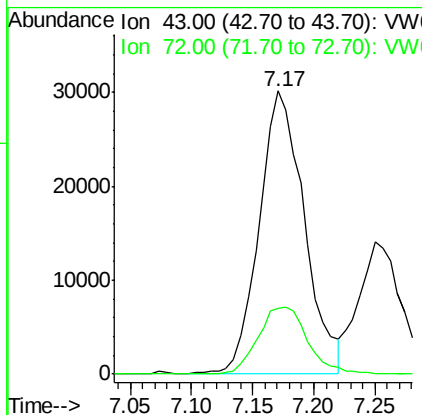
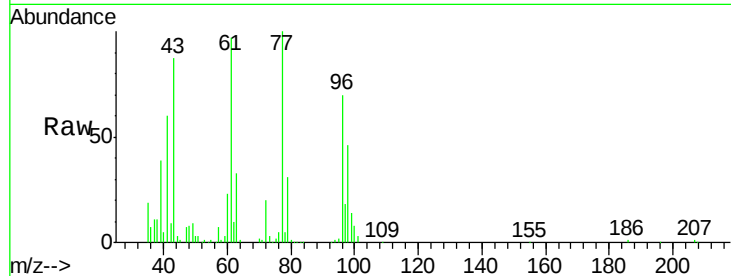
Ion Ratio Lower Upper

43 100

72 23.2 19.7 29.5

Manual Integrations
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3/1/2019 2:56:52 PM



#26

2,2-Dichloropropane

Concen: 19.899 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW008880.D

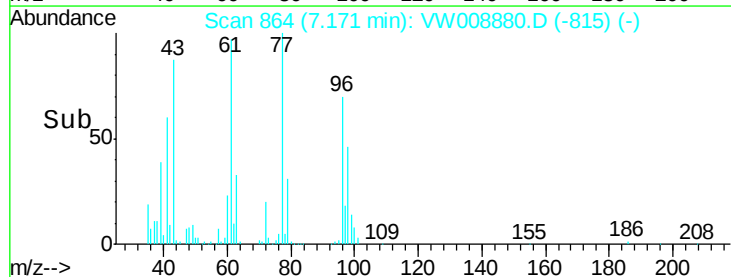
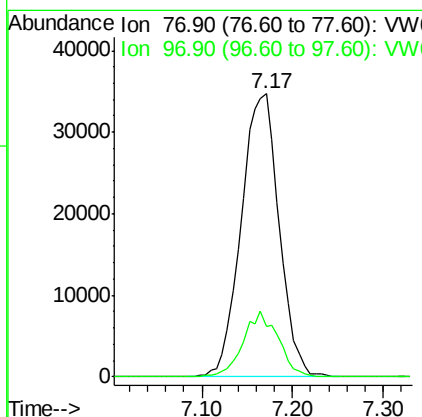
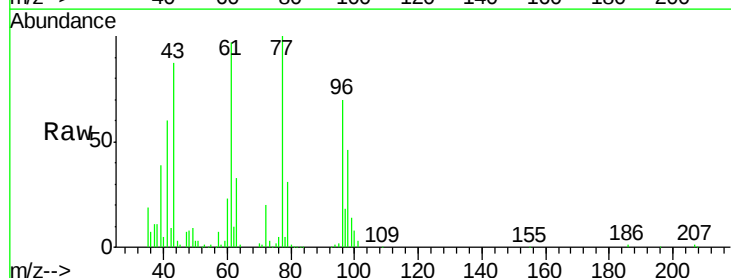
Acq: 28 Feb 2019 11:58

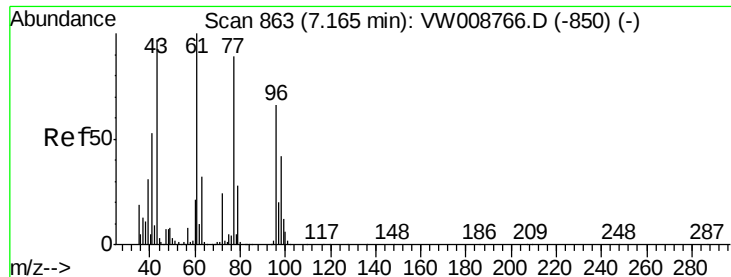
Tgt Ion: 77 Resp: 100237

Ion Ratio Lower Upper

77 100

97 21.5 11.0 33.0





#27

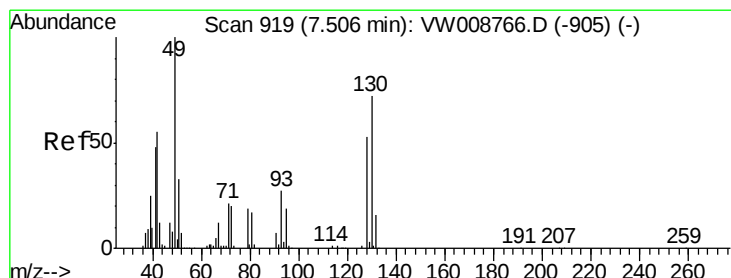
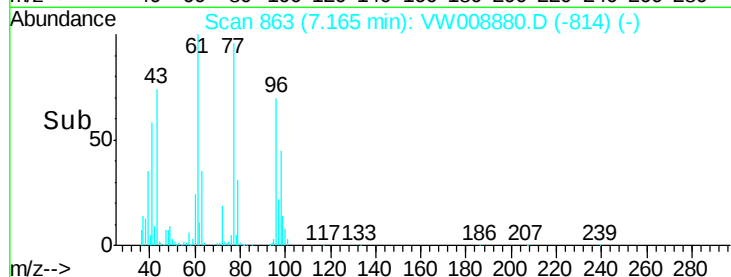
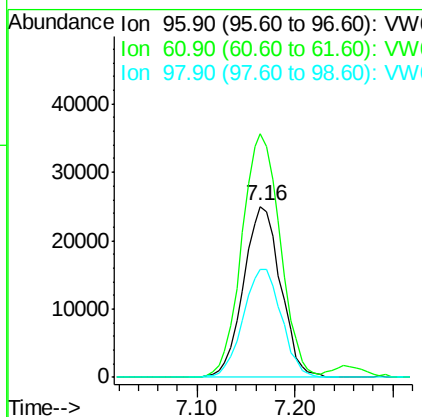
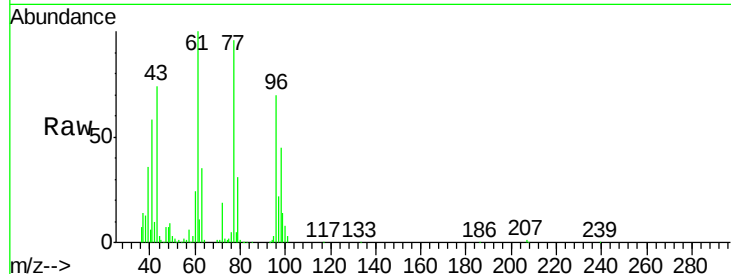
cis-1,2-Dichloroethene
Concen: 19.102 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW008880.D
Acq: 28 Feb 2019 11:58

Instrument :
MSVOA_W
ClientSampleId :
VW0228SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	147.6	0.0	302.6
98	65.1	0.0	130.0

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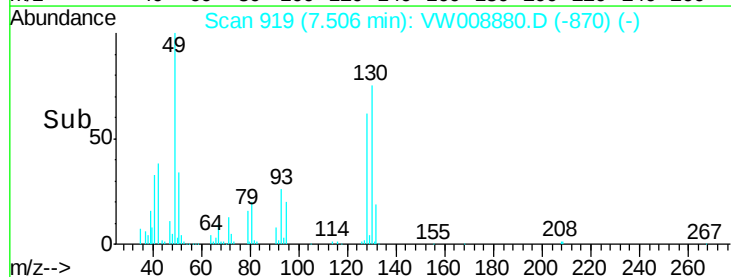
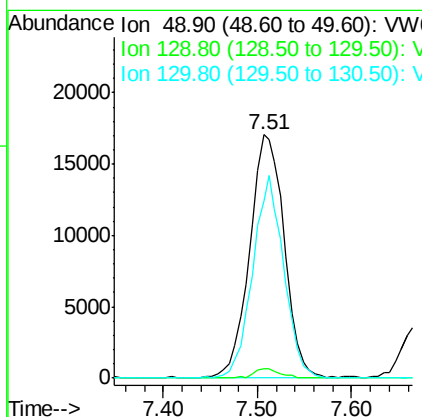
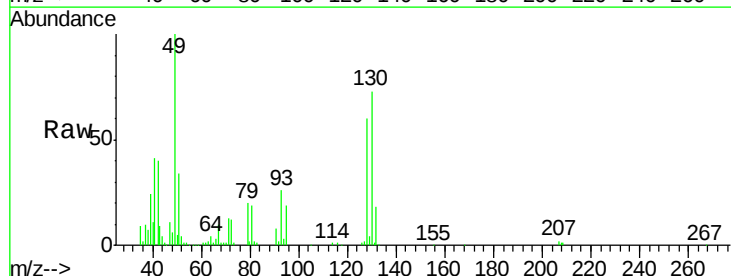
MMDadoda
3/1/2019 2:56:52 PM

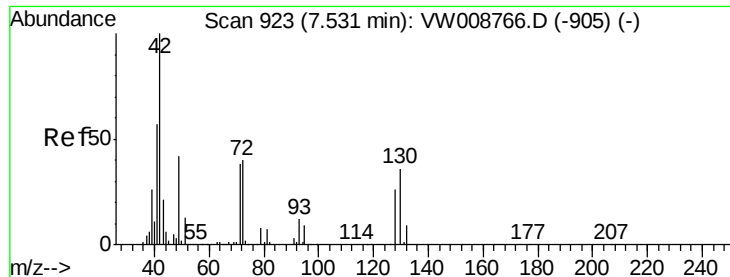


#28

Bromochloromethane
Concen: 18.958 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.00 min
Lab File: VW008880.D
Acq: 28 Feb 2019 11:58

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	2.6#
130	74.6	61.3	91.9





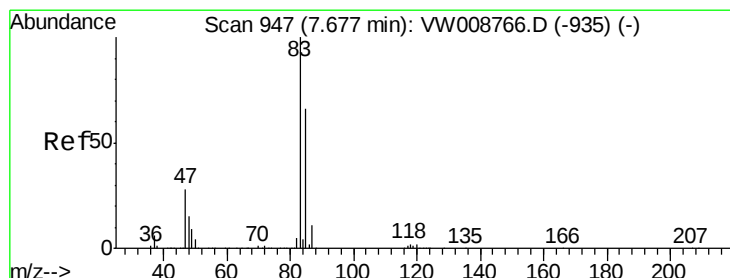
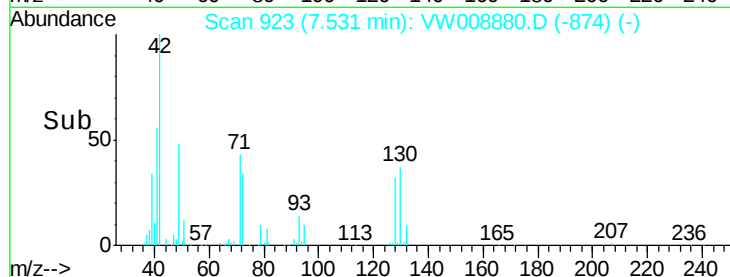
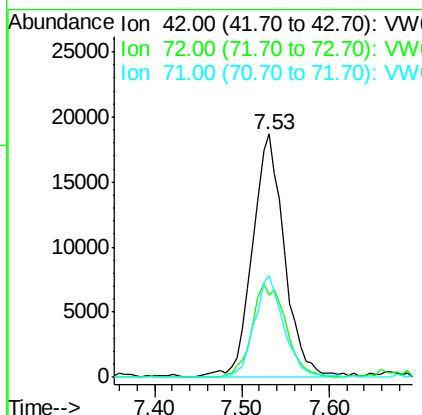
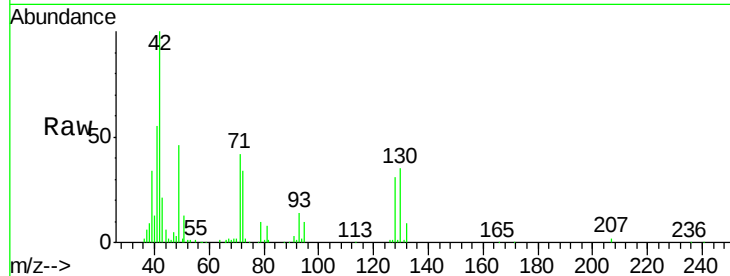
#29
Tetrahydrofuran
Concen: 77.295 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW008880.D
Acq: 28 Feb 2019 11:58

Instrument :
MSVOA_W
ClientSampleId :
VW0228SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.8	32.7	49.1
71	38.7	31.3	46.9

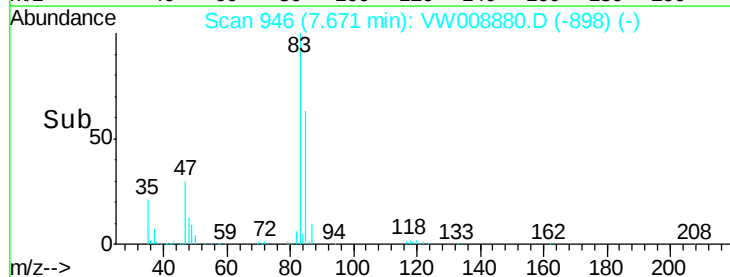
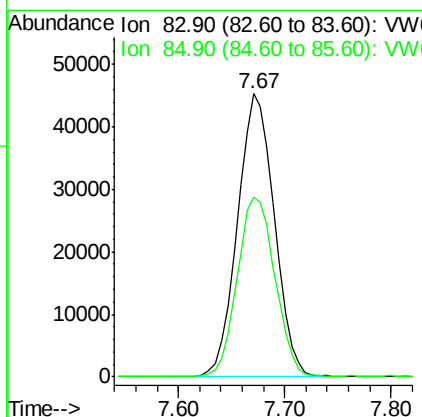
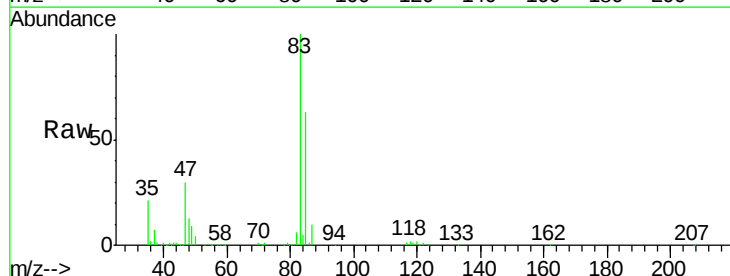
Manual Integrations
APPROVED

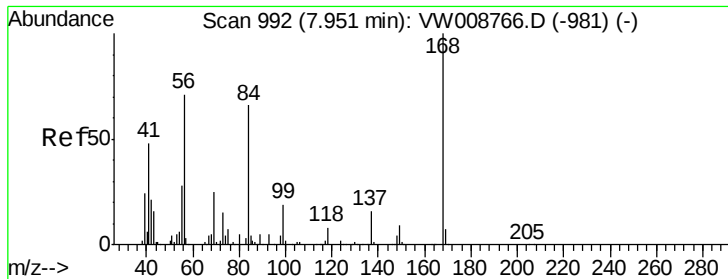
MMDadoda
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#30
Chloroform
Concen: 19.338 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW008880.D
Acq: 28 Feb 2019 11:58

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.3	52.6	79.0





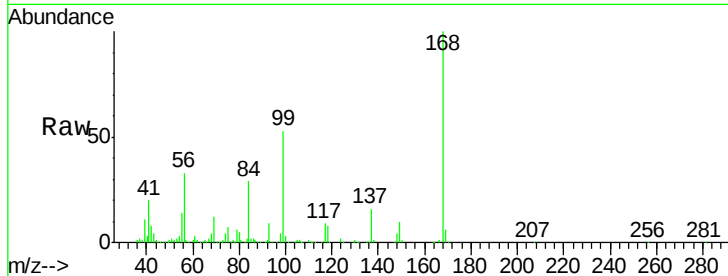
#31
Cyclohexane
Concen: 19.622 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW008880.D
Acq: 28 Feb 2019 11:58

Instrument :
MSVOA_W
ClientSampleId :
VW0228SBS01

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	36.6	28.2	42.4	
84	85.5	74.1	111.1	

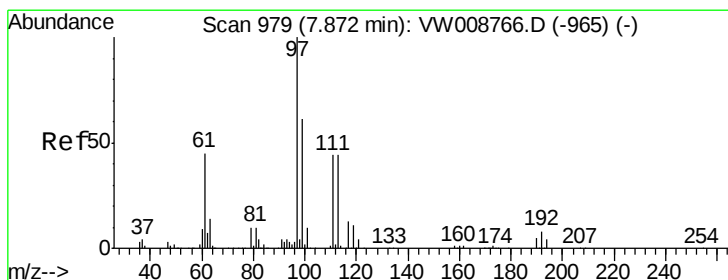
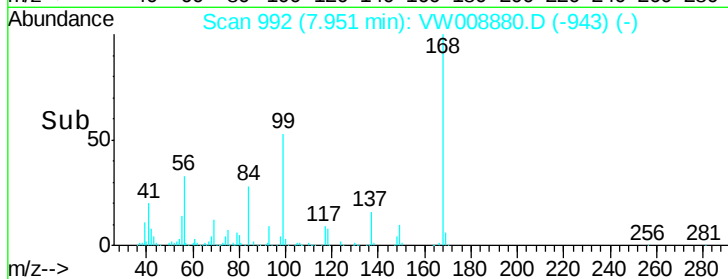
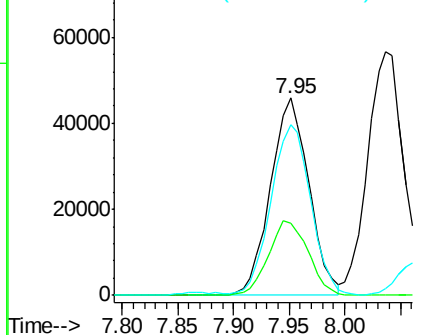
Manual Integrations
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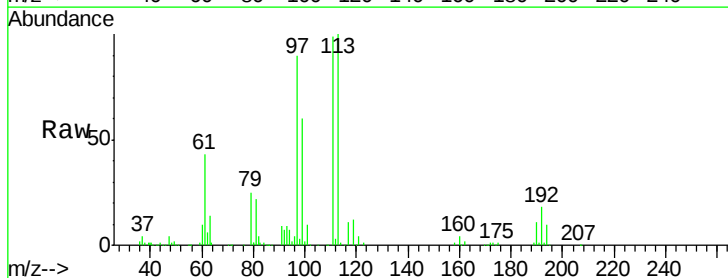
Abundance

Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



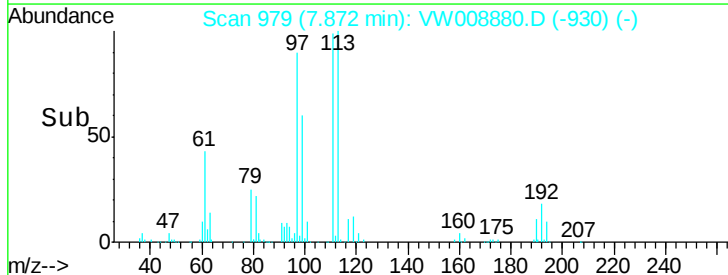
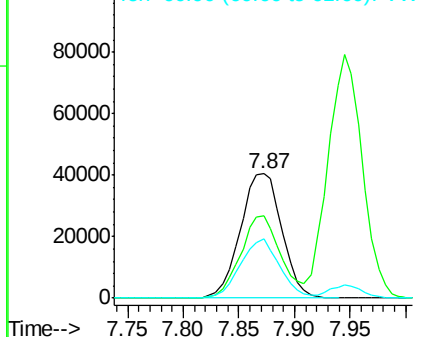
#32
1,1,1-Trichloroethane
Concen: 20.205 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW008880.D
Acq: 28 Feb 2019 11:58

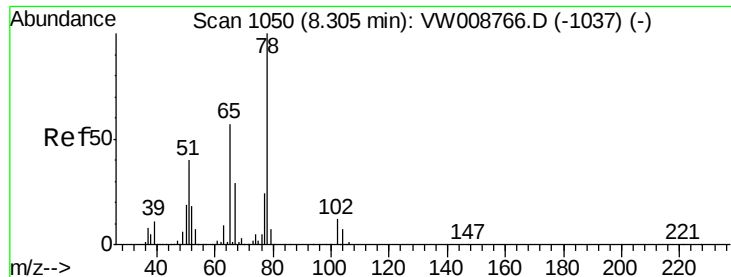
Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	64.4	50.8	76.2	
61	45.1	36.0	54.0	



Abundance

Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW





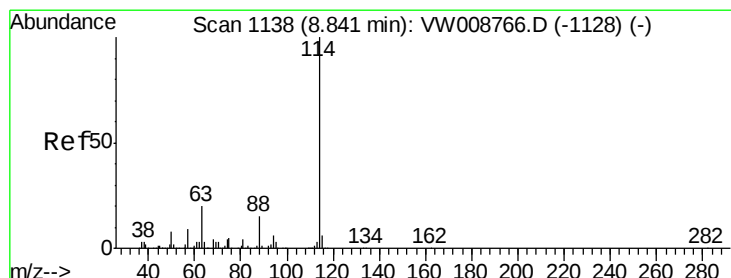
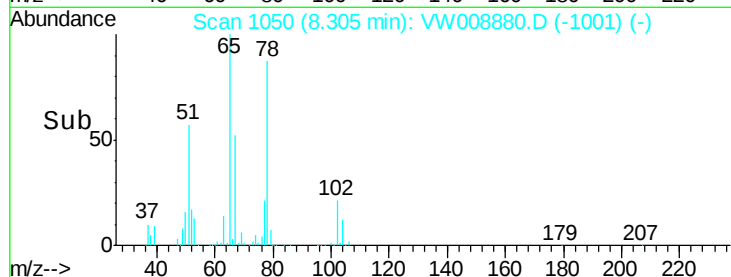
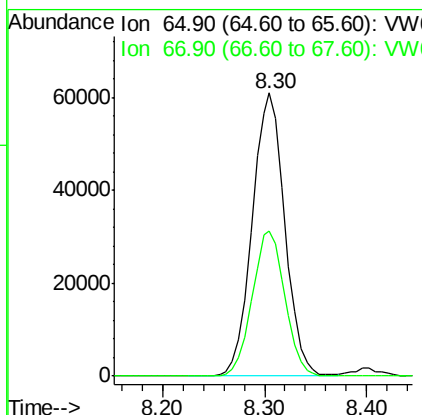
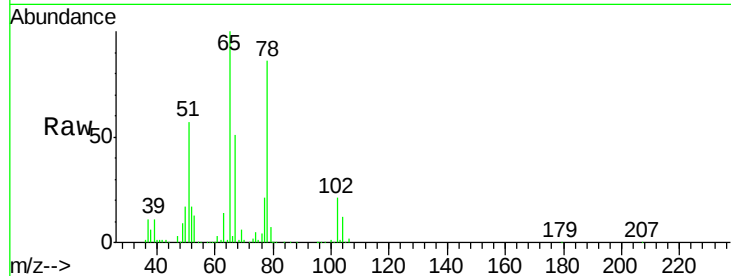
#33
 1,2-Dichloroethane-d4
 Concen: 45.510 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW008880.D
 Acq: 28 Feb 2019 11:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0228SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	135576		
67	51.4	0.0	101.4	

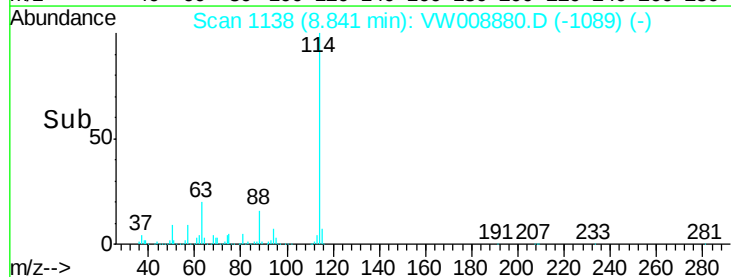
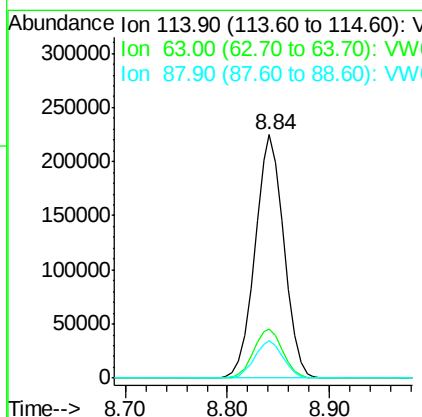
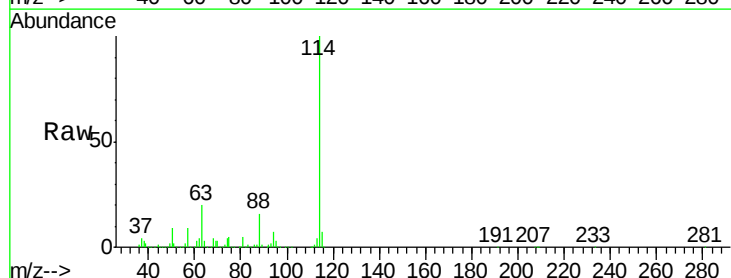
Manual Integrations
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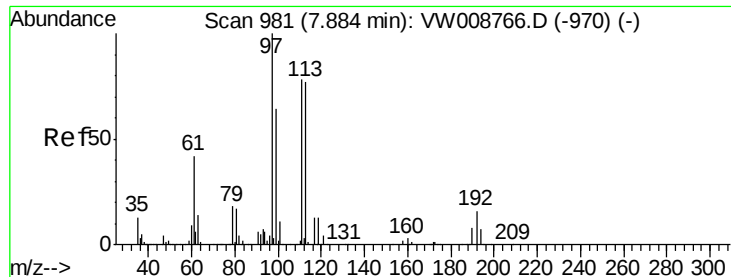
MMDadoda
 3/1/2019 2:56:52 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008880.D
 Acq: 28 Feb 2019 11:58

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	440947		
63	20.1	0.0	40.8	
88	15.6	0.0	30.4	





#35

Dibromofluoromethane

Concen: 49.205 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW008880.D

Acq: 28 Feb 2019 11:58

Instrument :

MSVOA_W

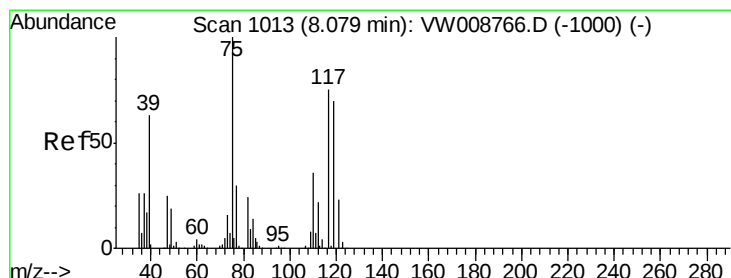
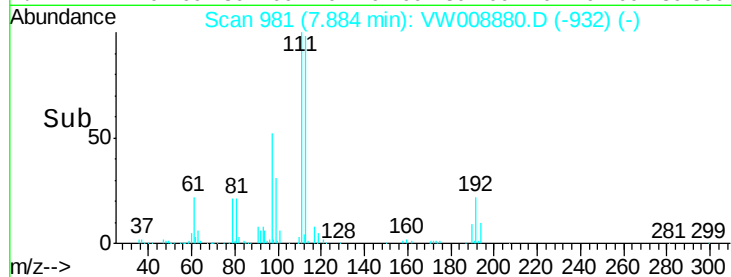
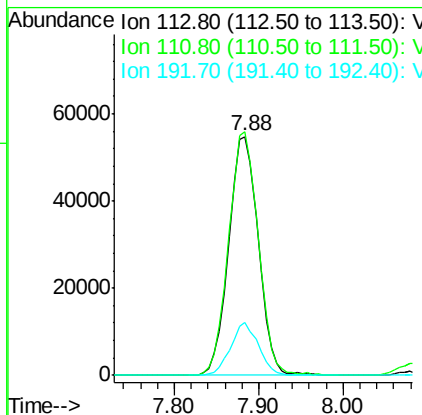
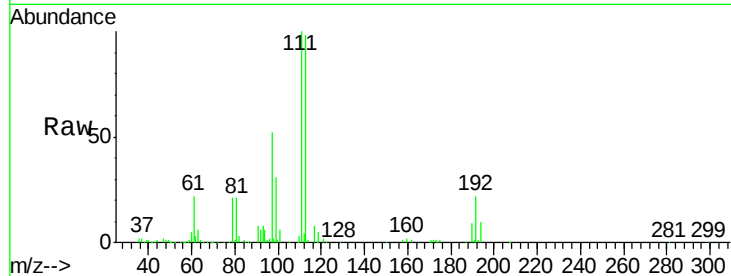
ClientSampleId :

VW0228SBS01

Tot Ion:	113	Resp:	130270
Ion Ratio	Lower	Upper	
113	100		
111	102.2	81.9	122.9
192	20.7	17.1	25.7

Manual Integrations
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3/1/2019 2:56:52 PM



#36

1,1-Dichloropropene

Concen: 20.830 ug/l

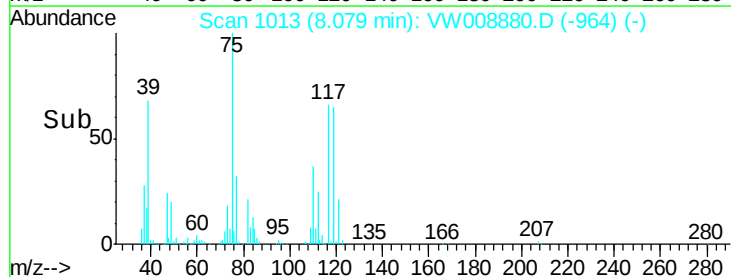
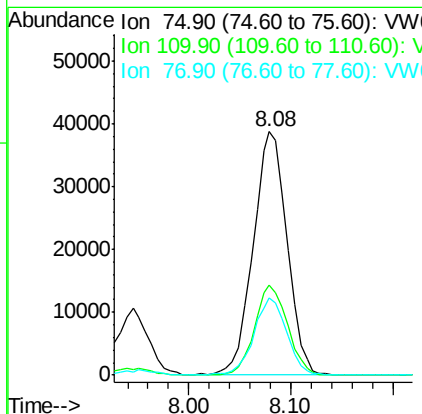
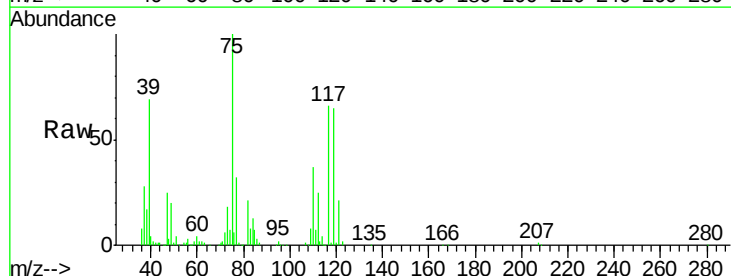
RT: 8.08 min Scan# 1013

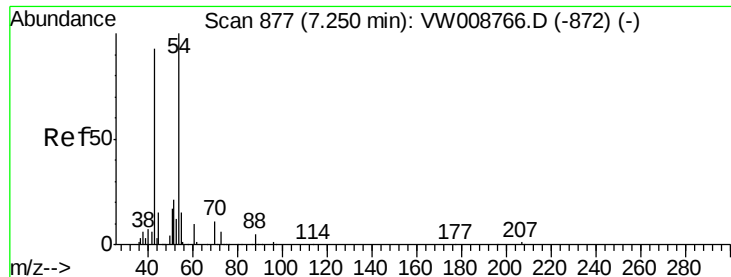
Delta R.T. -0.00 min

Lab File: VW008880.D

Acq: 28 Feb 2019 11:58

Tgt Ion:	75	Resp:	89410
Ion Ratio	Lower	Upper	
75	100		
110	35.8	17.5	52.6
77	30.9	24.5	36.7





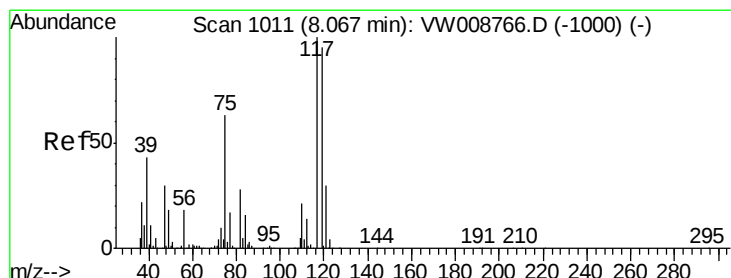
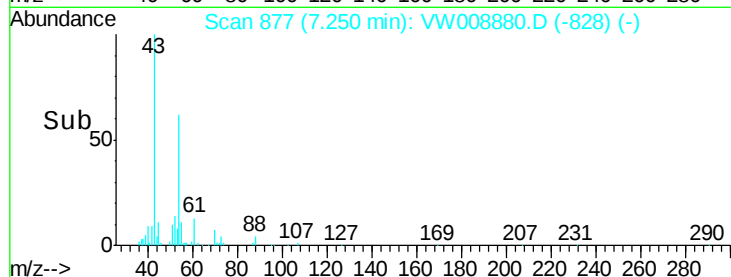
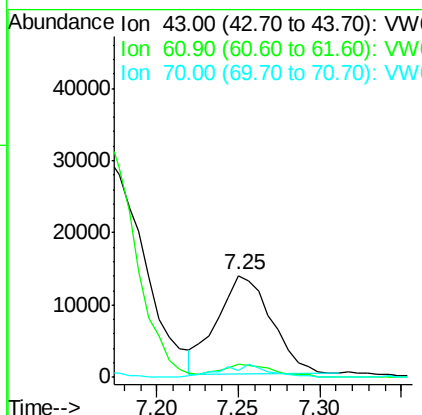
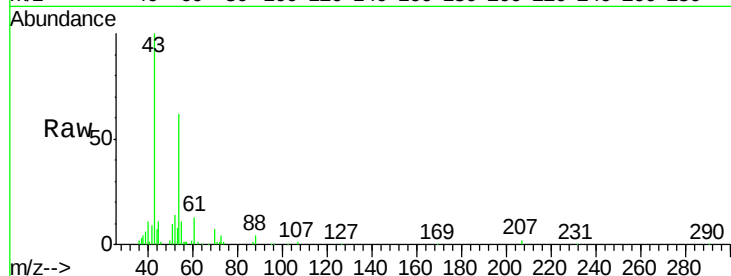
#37
Ethyl Acetate
Concen: 15.906 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW008880.D
Acq: 28 Feb 2019 11:58

Instrument :
MSVOA_W
ClientSampleId :
VW0228SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.1	9.8	14.8
70	11.8	8.4	12.6

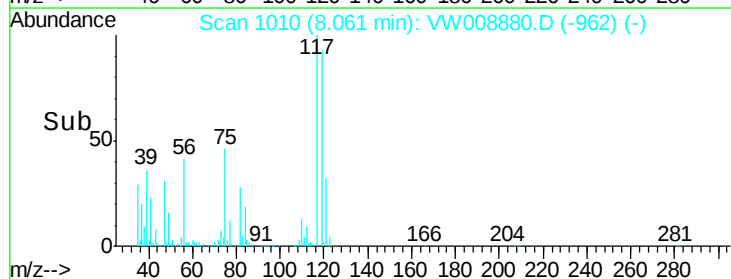
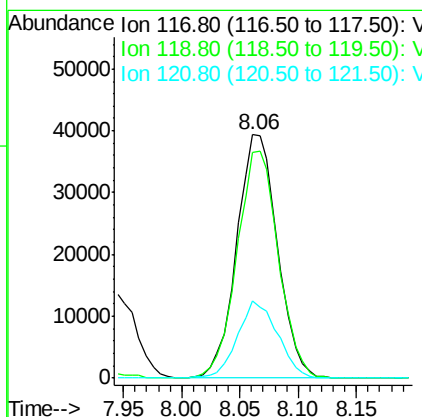
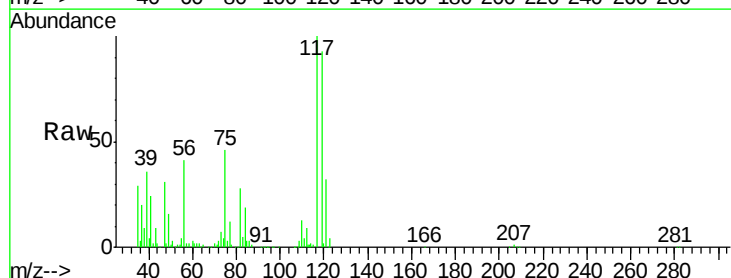
Manual Integrations
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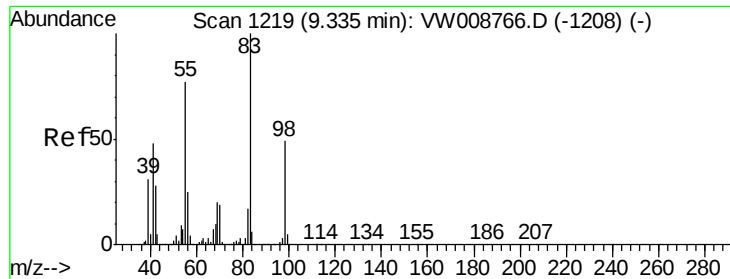
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3/1/2019 2:56:52 PM



#38
Carbon Tetrachloride
Concen: 21.162 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW008880.D
Acq: 28 Feb 2019 11:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.7	76.1	114.1
121	31.7	24.0	36.0





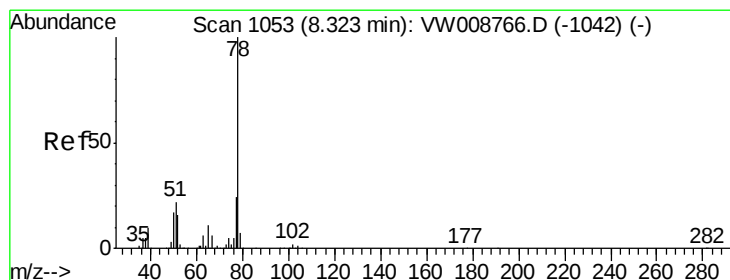
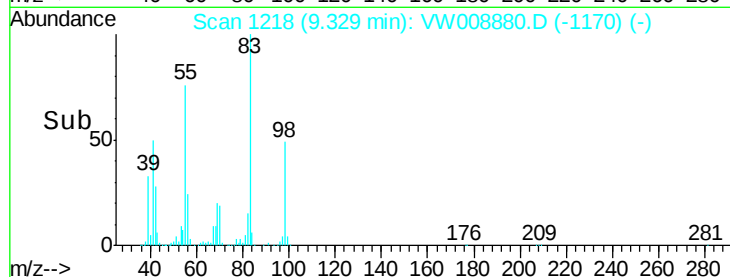
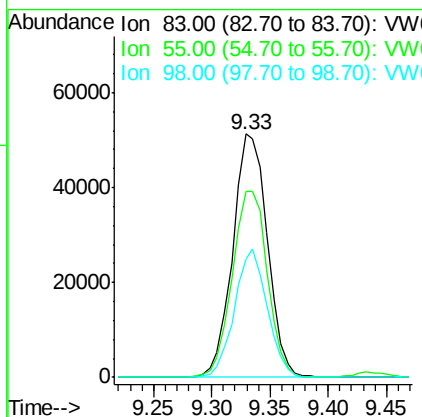
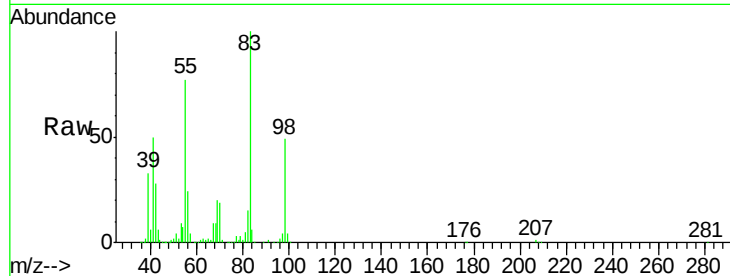
#39
Methvlcvclohexane
Concen: 19.847 ug/l
RT: 9.33 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW008880.D
Acq: 28 Feb 2019 11:58

Instrument :
MSVOA_W
ClientSampleId :
VW0228SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.3	61.2	91.8
98	48.8	39.4	59.2

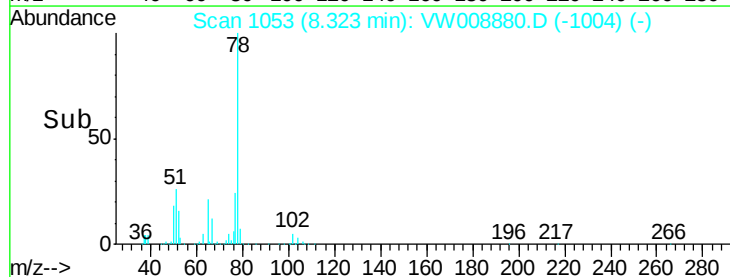
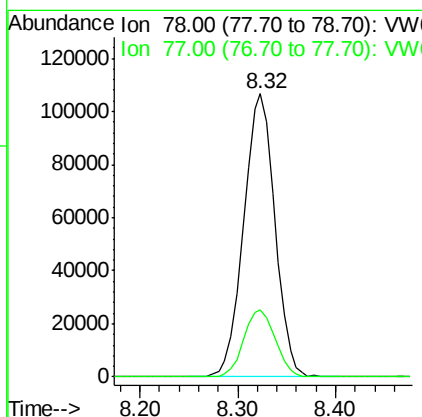
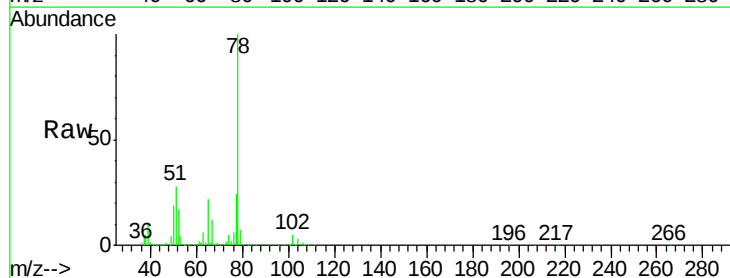
Manual Integrations
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3/1/2019 2:56:52 PM



#40
Benzene
Concen: 20.101 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW008880.D
Acq: 28 Feb 2019 11:58

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.3	28.9





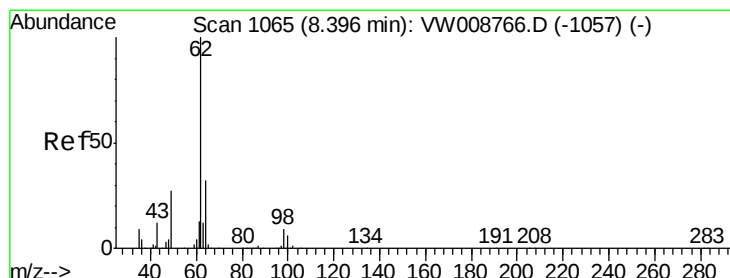
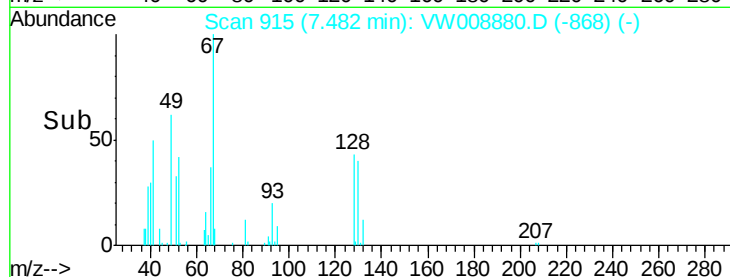
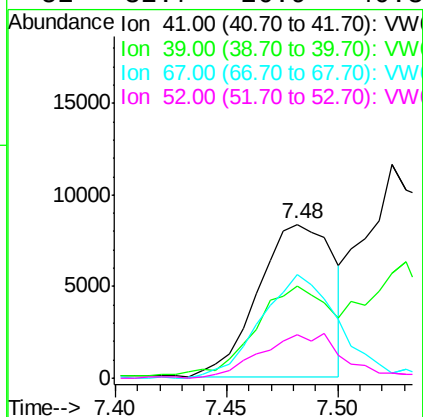
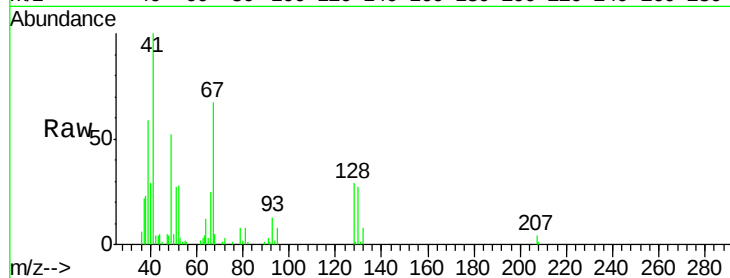
#41
Methacrylonitrile
Concen: 16.738 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.01 min
Lab File: VW008880.D
Acq: 28 Feb 2019 11:58

Instrument :
MSVOA_W
ClientSampleId :
VW0228SBS01

Tot Ion:	41	Resp:	19639
Ion	Ratio	Lower	Upper
41	100		
39	57.2	52.5	78.7
67	70.4	55.0	82.6
52	32.7	26.9	40.3

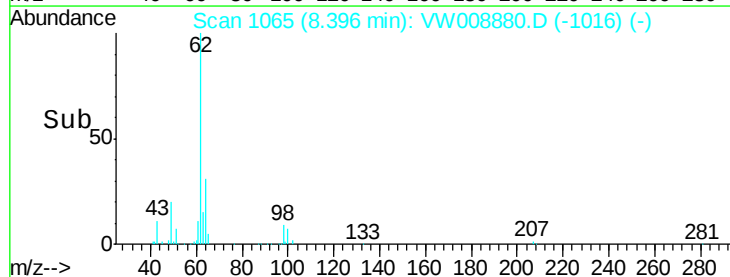
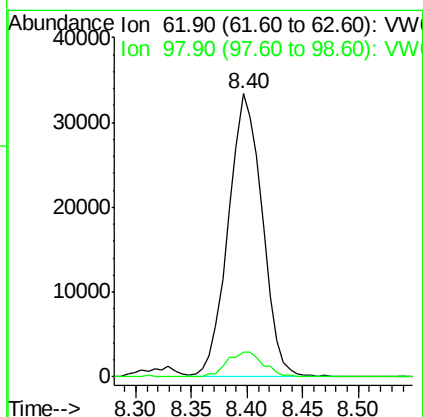
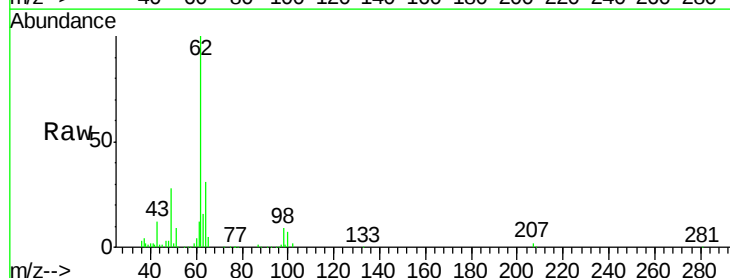
Manual Integrations
APPROVED

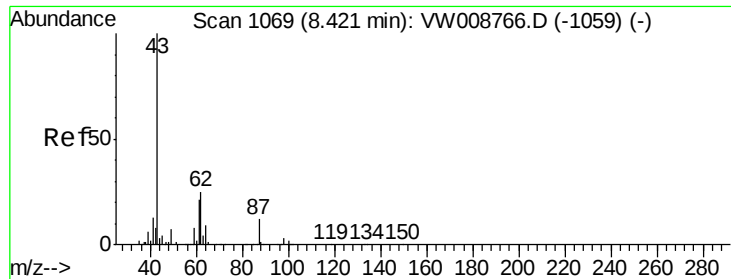
MMDadoda
3/1/2019 2:56:52 PM



#42
1,2-Dichloroethane
Concen: 19.038 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW008880.D
Acq: 28 Feb 2019 11:58

Tgt Ion:	62	Resp:	70679
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	18.2





#43

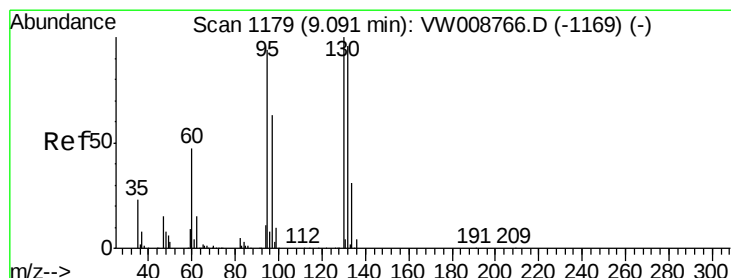
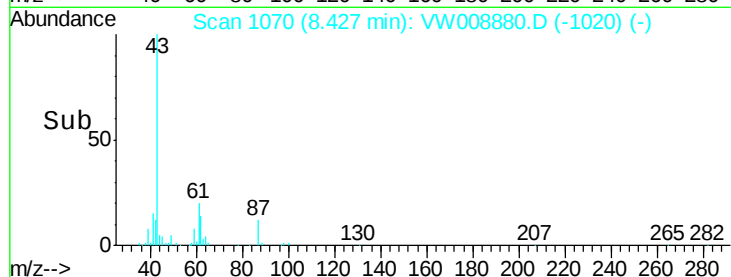
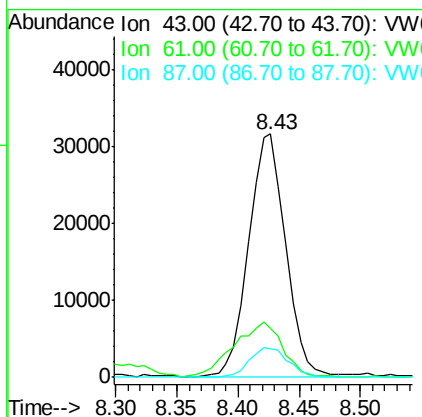
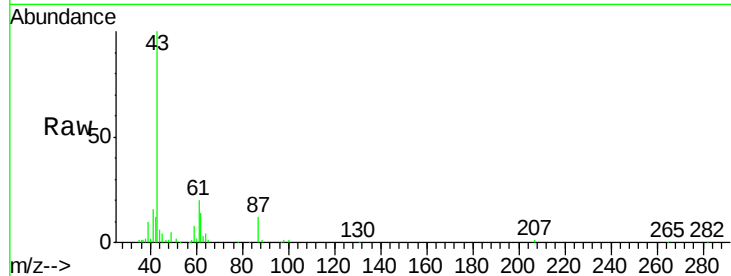
Isopropyl Acetate
 Concen: 16.791 ug/l
 RT: 8.43 min Scan# 1070
 Delta R.T. 0.01 min
 Lab File: VW008880.D
 Acq: 28 Feb 2019 11:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0228SBS01

Tot Ion	43	Resp	66889
Ion Ratio	100	Lower	Upper
43	100		
61	30.3	23.2	34.8
87	12.8	9.9	14.9

Manual Integrations
 APPROVED

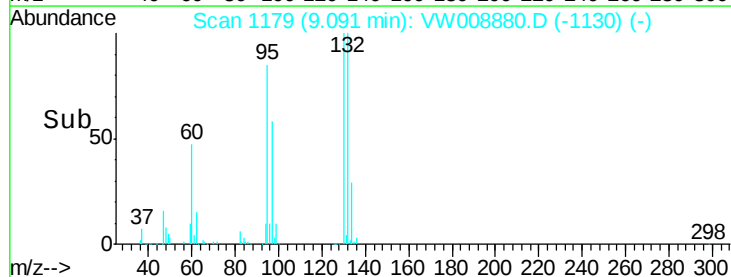
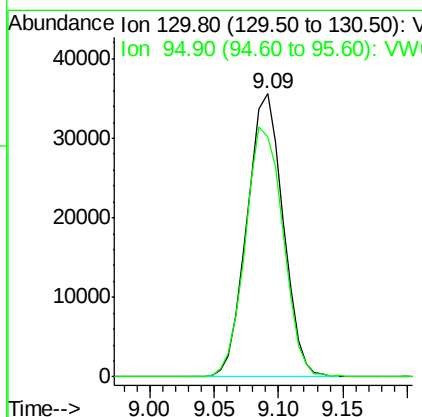
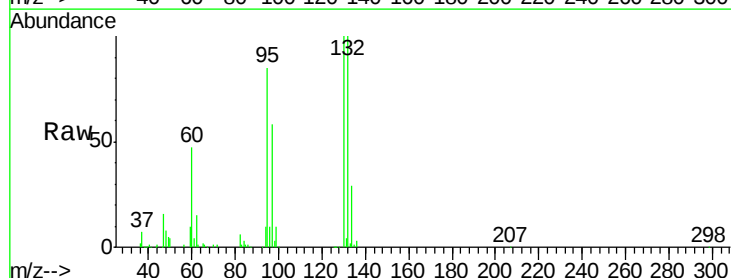
MMDadoda
 3/1/2019 2:56:52 PM

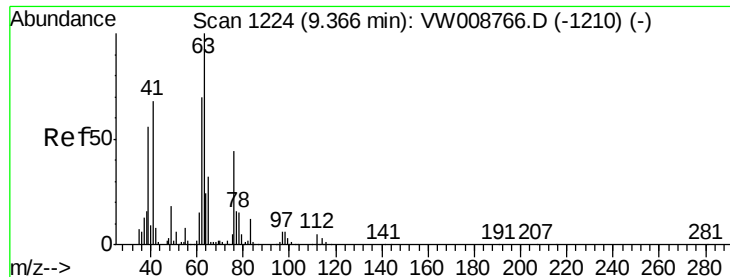


#44

Trichloroethene
 Concen: 20.943 ug/l
 RT: 9.09 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: VW008880.D
 Acq: 28 Feb 2019 11:58

Tgt Ion	130	Resp	69142
Ion Ratio	100	Lower	Upper
130	100		
95	84.7	0.0	188.6





#45

1,2-Dichloropropane

Concen: 20.432 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW008880.D

Acq: 28 Feb 2019 11:58

Instrument :

MSVOA_W

ClientSampleId :

VW0228SBS01

Tot Ion: 63 Resp: 59173

Ion Ratio Lower Upper

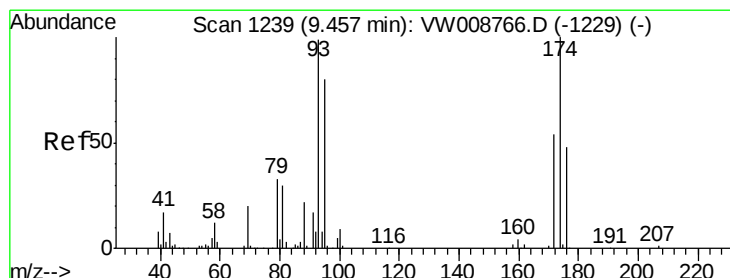
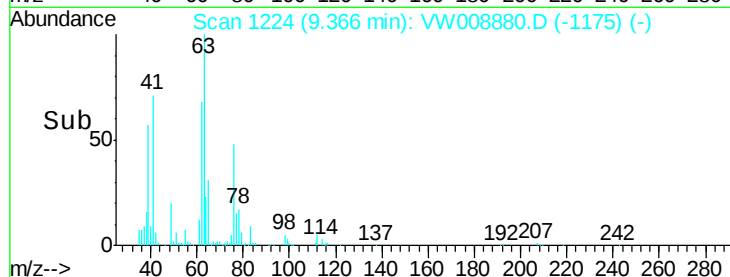
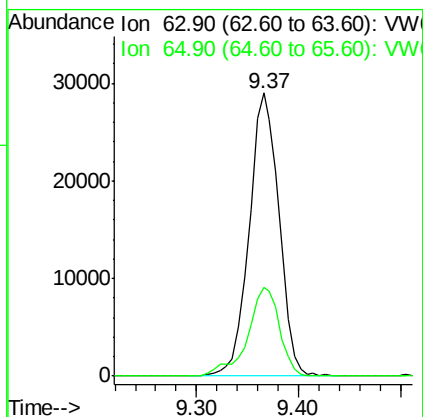
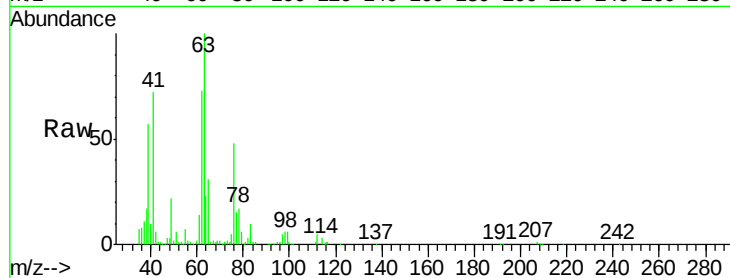
63 100

65 31.5 25.5 38.3

Manual Integrations
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#46

Dibromomethane

Concen: 19.093 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW008880.D

Acq: 28 Feb 2019 11:58

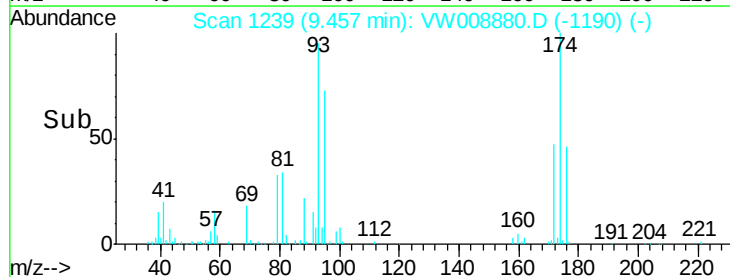
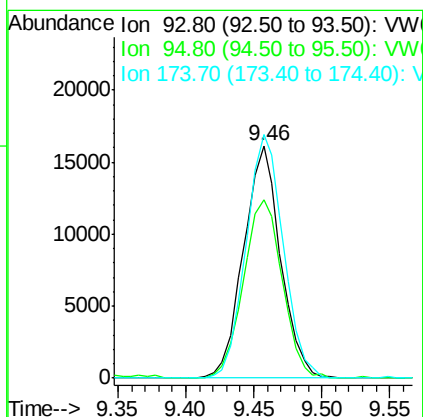
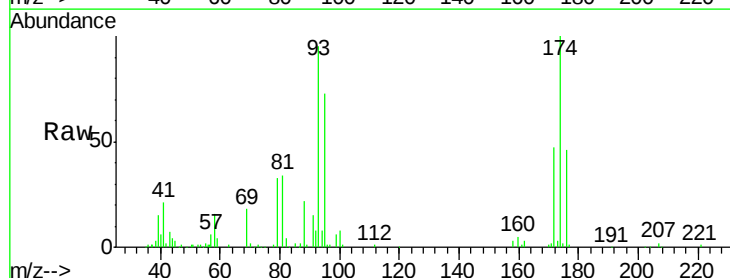
Tgt Ion: 93 Resp: 30757

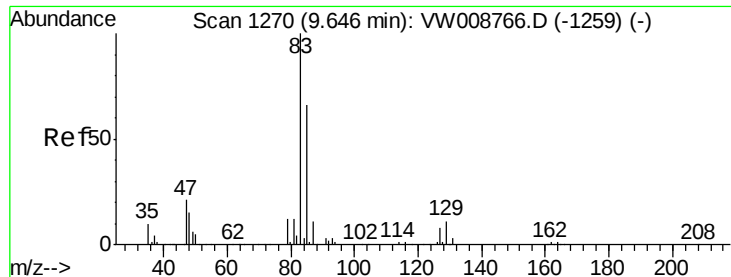
Ion Ratio Lower Upper

93 100

95 80.4 67.7 101.5

174 105.6 86.7 130.1





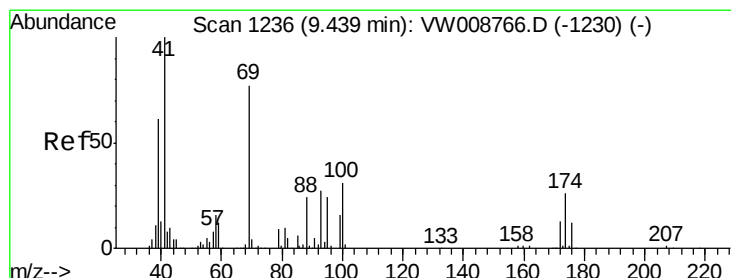
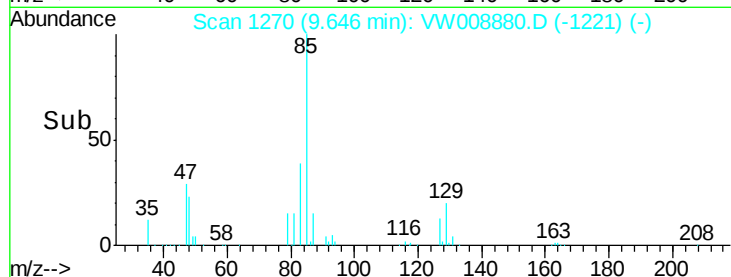
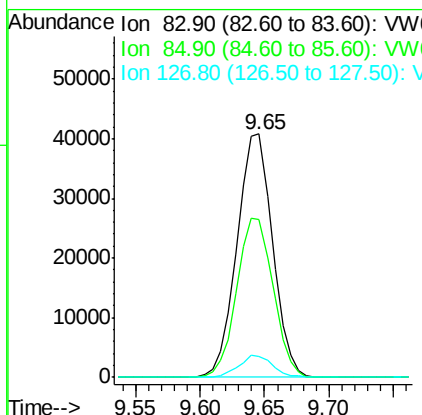
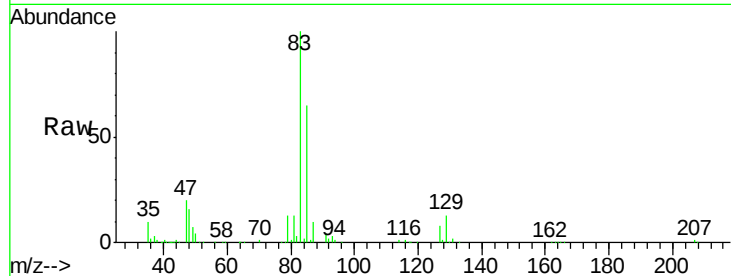
#47
Bromodichloromethane
Concen: 19.953 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VW008880.D
Acq: 28 Feb 2019 11:58

Instrument :
MSVOA_W
ClientSampleId :
VW0228SBS01

Tot Ion	83	Resp	78204
Ion Ratio	100	Lower	Upper
83	100		
85	64.7	52.5	78.7
127	8.4	6.7	10.1

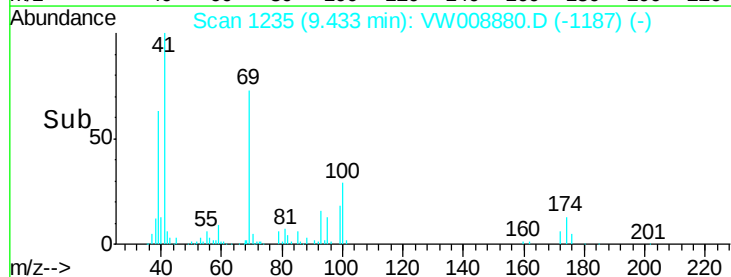
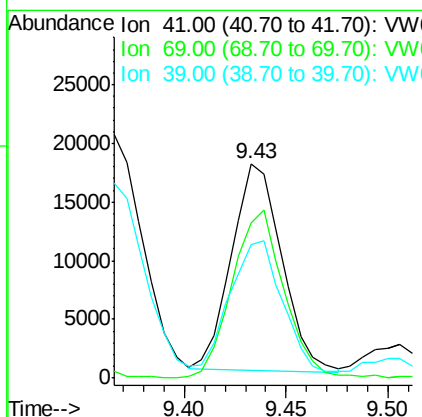
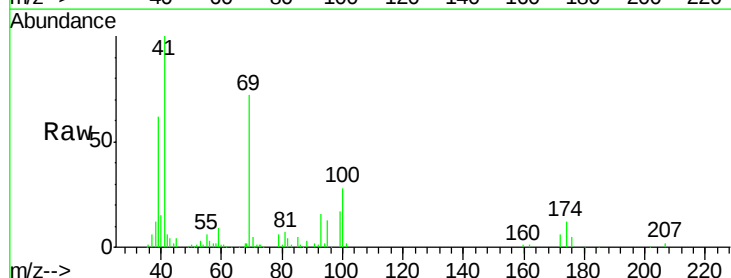
Manual Integrations
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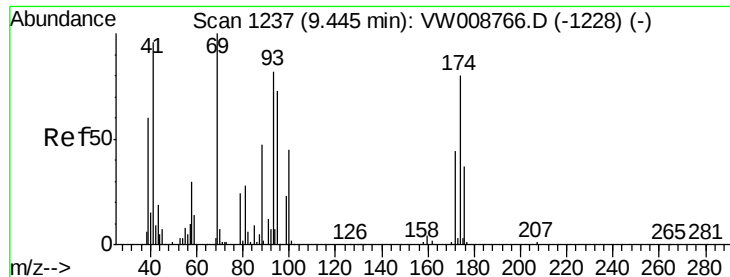
MMDadoda
3/1/2019 2:56:52 PM



#48
Methyl methacrylate
Concen: 15.752 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VW008880.D
Acq: 28 Feb 2019 11:58

Tgt Ion	41	Resp	30054
Ion Ratio	100	Lower	Upper
41	100		
69	84.5	63.6	95.4
39	65.5	52.1	78.1





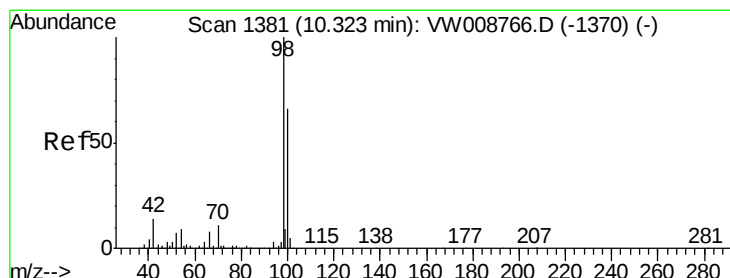
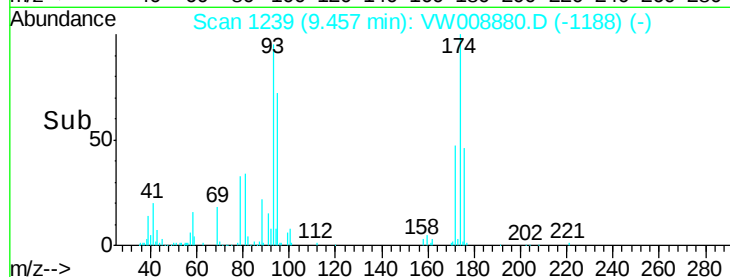
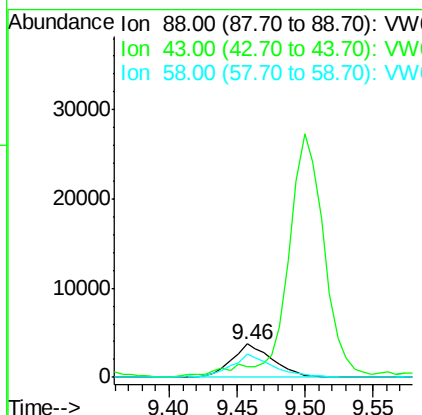
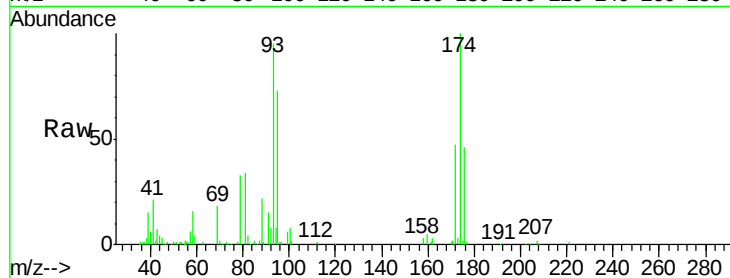
#49
1,4-Dioxane
Concen: 304.417 ug/l
RT: 9.46 min Scan# 1239
Delta R.T. 0.01 min
Lab File: VW008880.D
Acq: 28 Feb 2019 11:58

Instrument :
MSVOA_W
ClientSampleId :
VW0228SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	29.0	43.4#
58	72.2	52.0	78.0

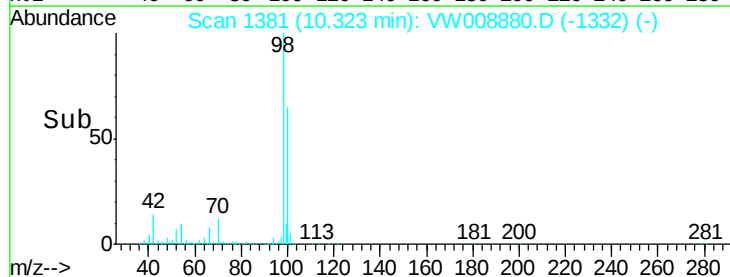
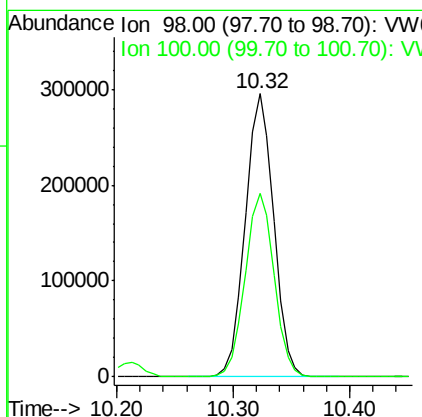
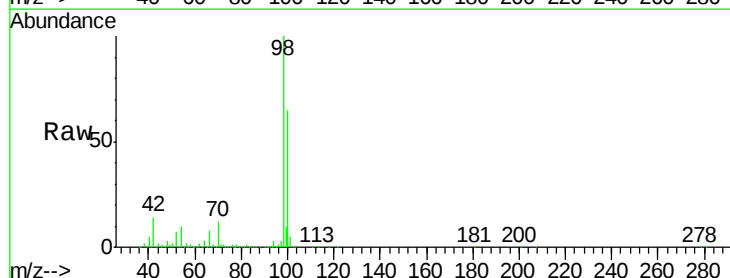
Manual Integrations
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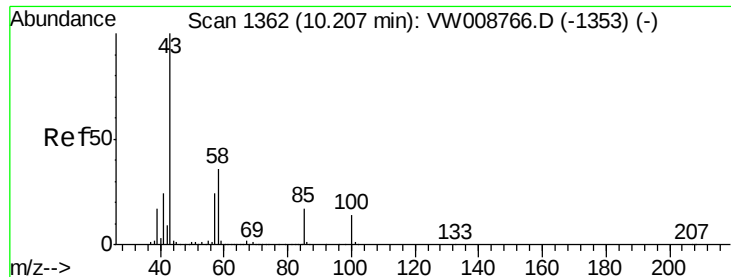
MMDadoda
3/1/2019 2:56:52 PM



#50
Toluene-d8
Concen: 49.415 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008880.D
Acq: 28 Feb 2019 11:58

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 81.820 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW008880.D

Acq: 28 Feb 2019 11:58

Instrument :

MSVOA_W

ClientSampled :

VW0228SBS01

Tot Ion: 43 Resp: 165482

Ion Ratio Lower Upper

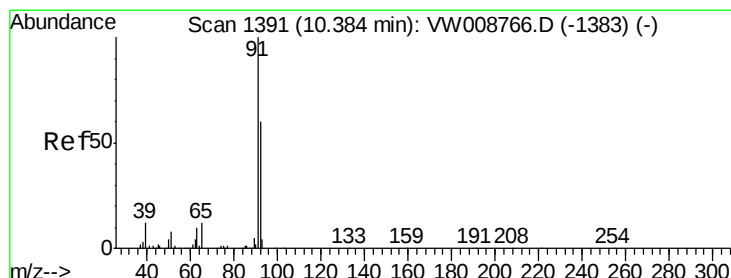
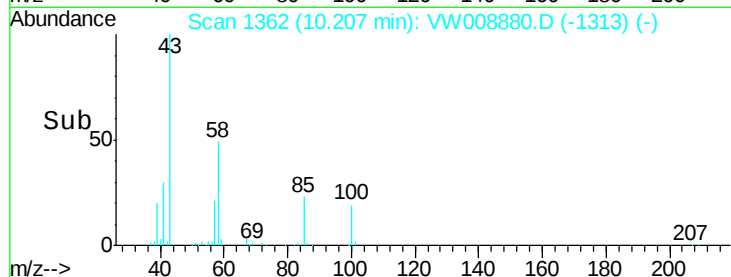
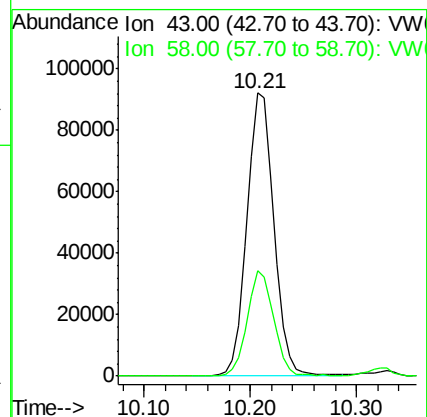
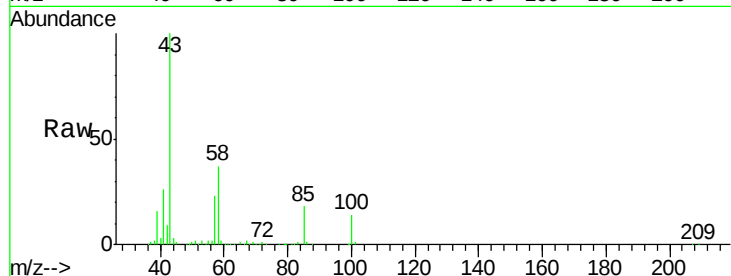
43 100

58 36.4 29.1 43.7

Manual Integrations
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#52

Toluene

Concen: 20.181 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW008880.D

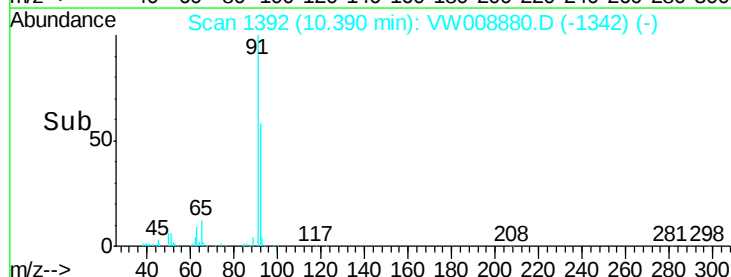
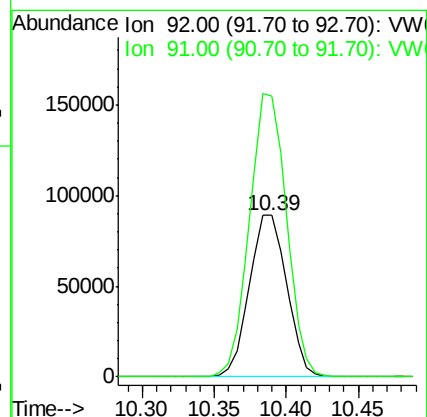
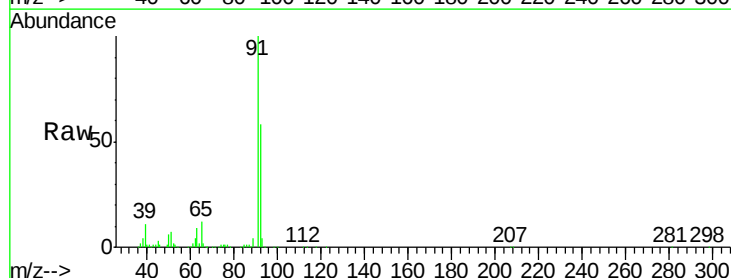
Acq: 28 Feb 2019 11:58

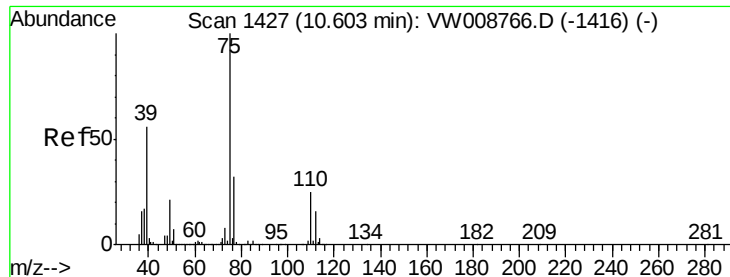
Tgt Ion: 92 Resp: 160512

Ion Ratio Lower Upper

92 100

91 173.0 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 18.823 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW008880.D

Acq: 28 Feb 2019 11:58

Instrument :

MSVOA_W

ClientSampleId :

VW0228SBS01

Tot Ion: 75 Resp: 75195

Ion Ratio Lower Upper

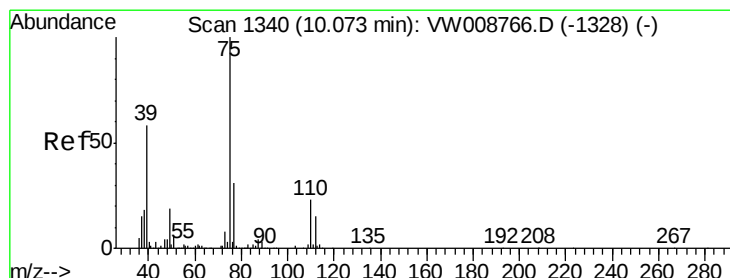
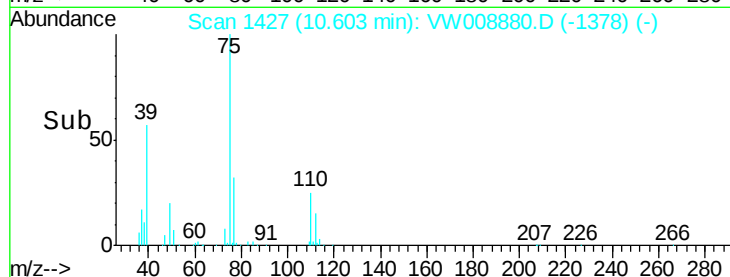
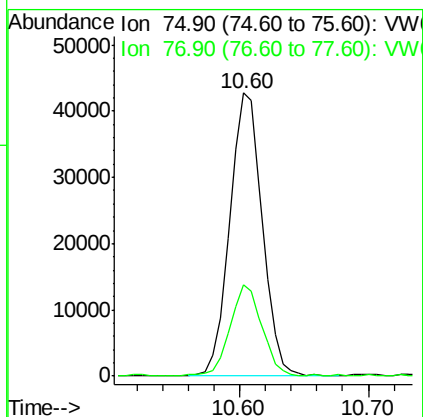
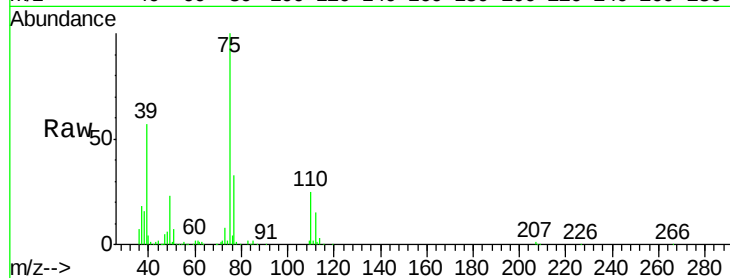
75 100

77 32.0 26.1 39.1

Manual Integrations
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#54

cis-1,3-Dichloropropene

Concen: 19.487 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW008880.D

Acq: 28 Feb 2019 11:58

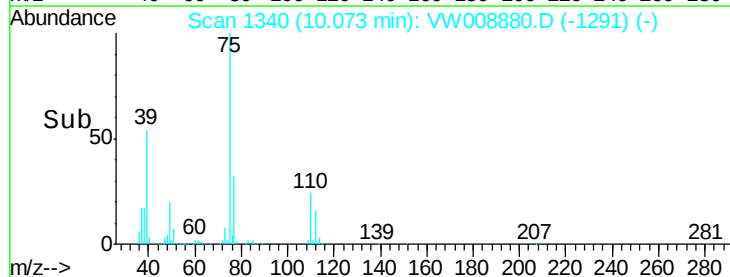
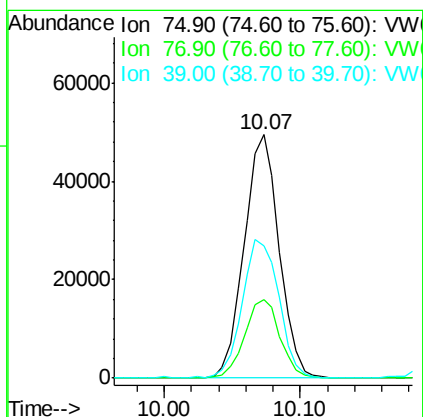
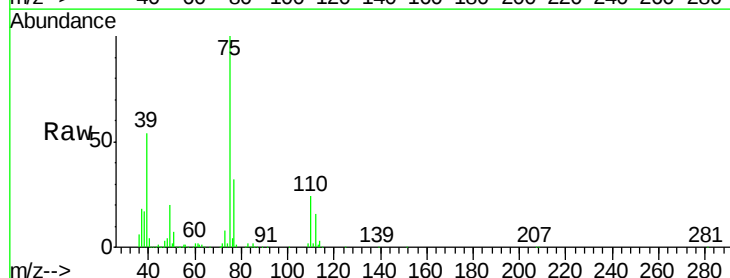
Tgt Ion: 75 Resp: 88788

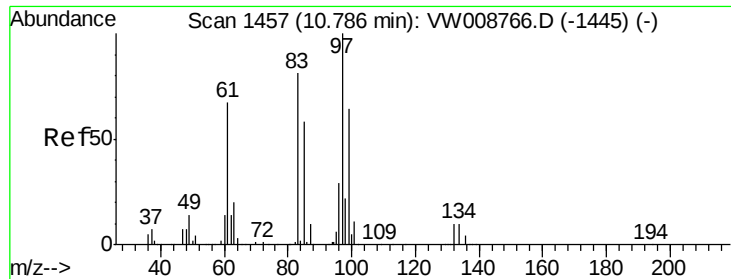
Ion Ratio Lower Upper

75 100

77 32.5 25.0 37.4

39 54.2 46.6 70.0





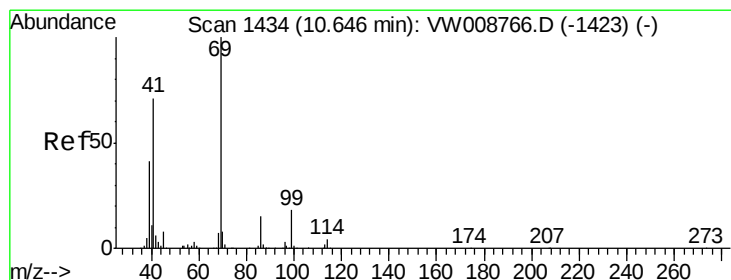
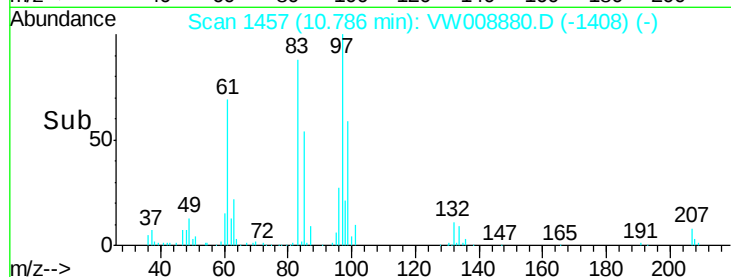
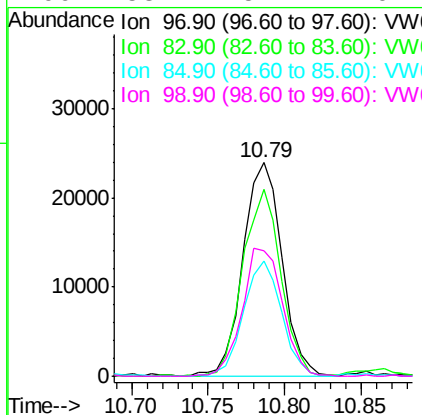
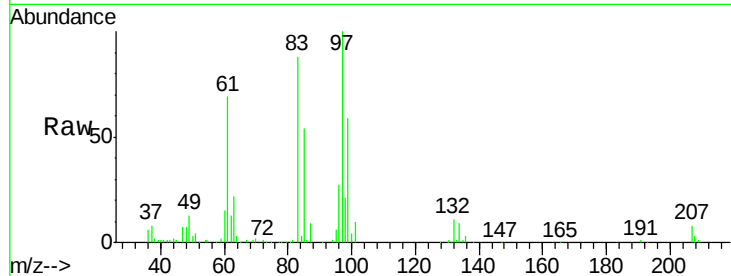
#55
 1,1,2-Trichloroethane
 Concen: 19.478 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW008880.D
 Acq: 28 Feb 2019 11:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0228SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		42553		
83	87.3	65.0	97.6		
85	53.6	46.0	69.0		
99	58.7	51.1	76.7		

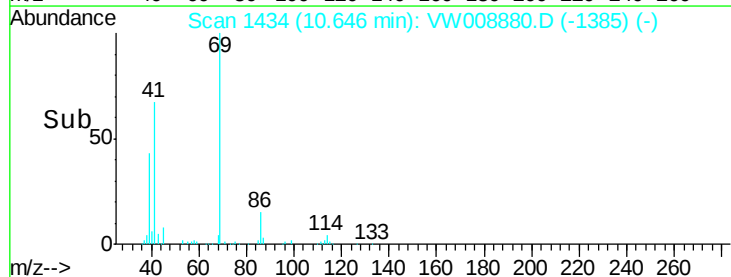
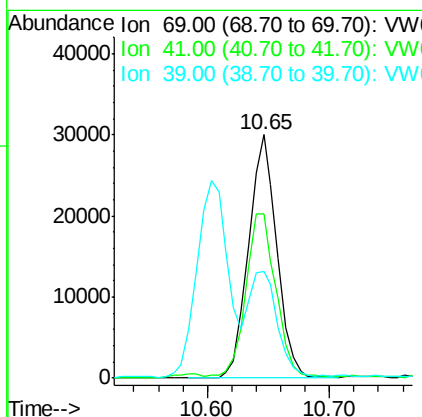
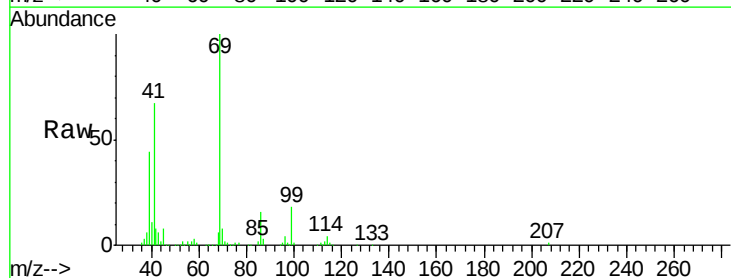
Manual Integrations
 APPROVED

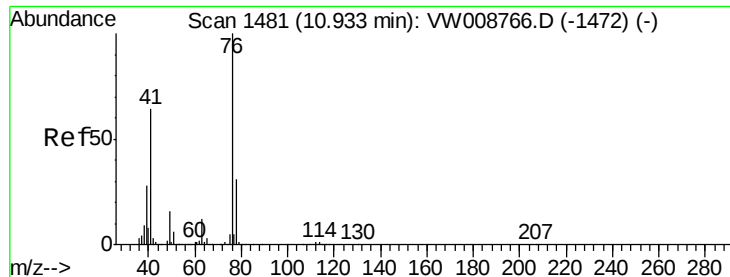
MMDadoda
 3/1/2019 2:56:52 PM



#56
 Ethyl methacrylate
 Concen: 17.067 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW008880.D
 Acq: 28 Feb 2019 11:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		48440		
41	70.8	57.4	86.0		
39	43.7	34.8	52.2		





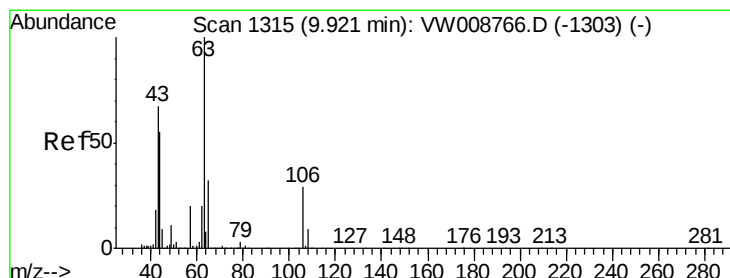
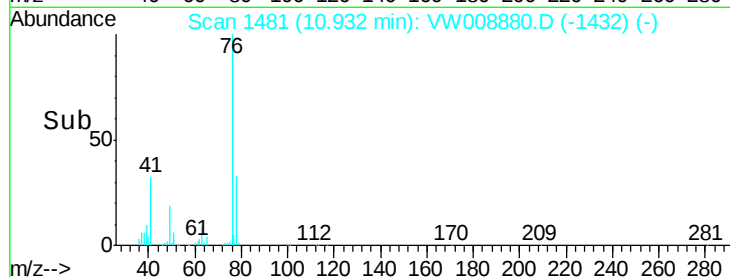
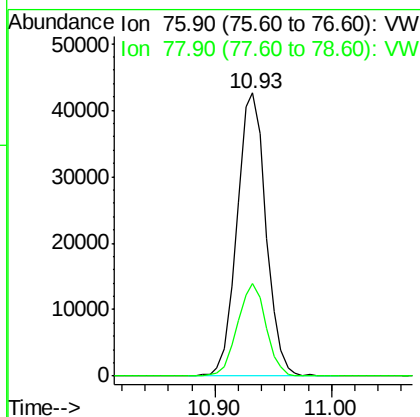
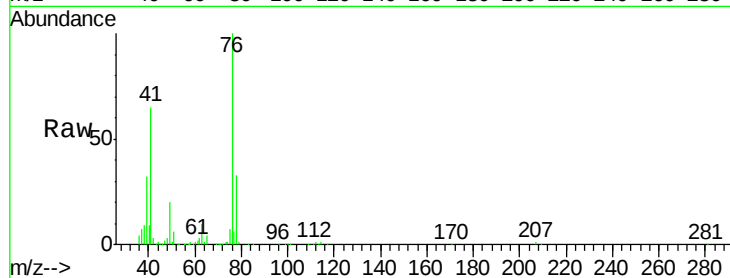
#57
 1,3-Dichloropropane
 Concen: 19.105 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW008880.D
 Acq: 28 Feb 2019 11:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0228SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.8	38.8

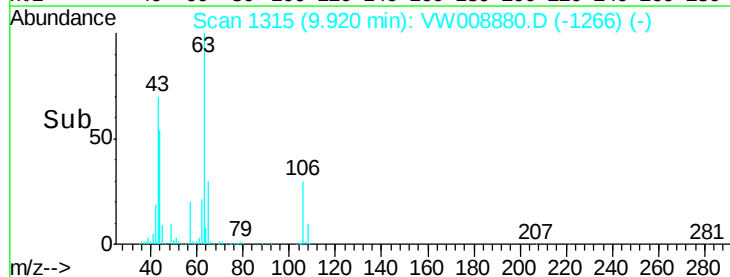
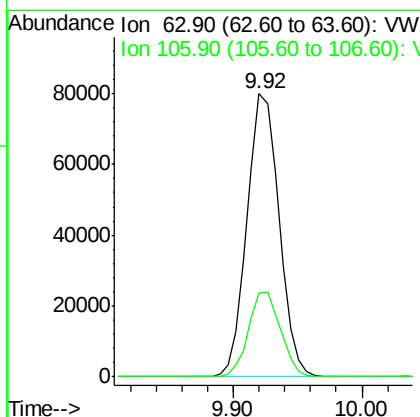
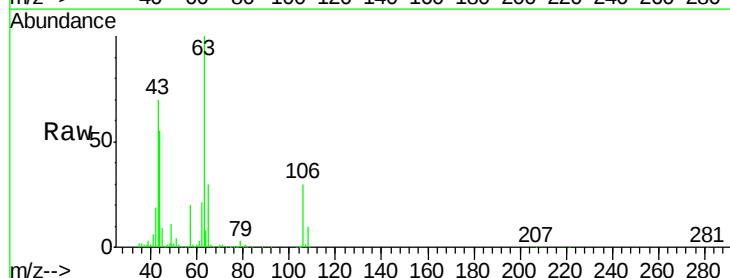
Manual Integrations
 APPROVED

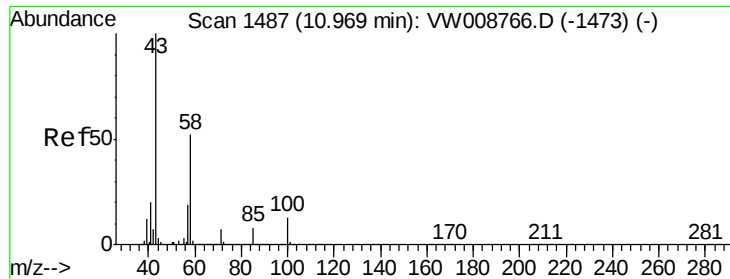
MMDadoda
 3/1/2019 2:56:52 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 96.575 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW008880.D
 Acq: 28 Feb 2019 11:58

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.0	24.0	36.0





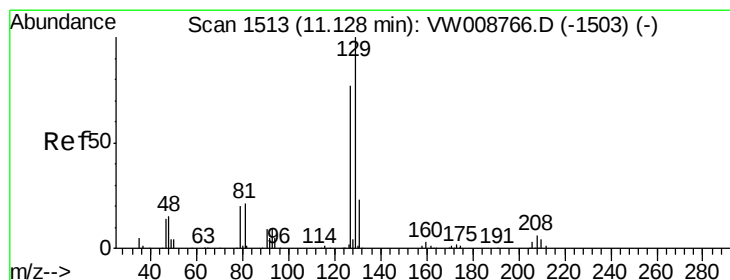
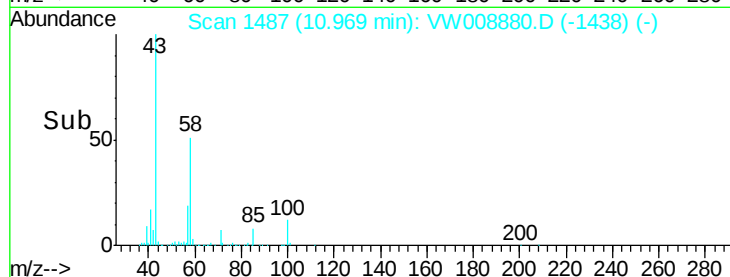
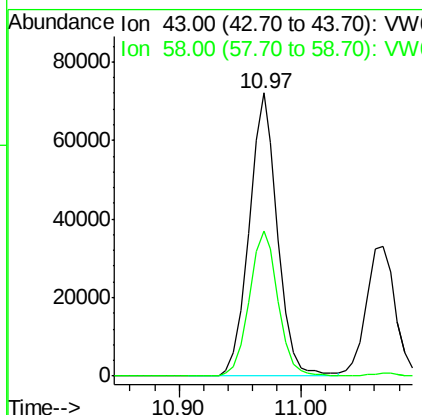
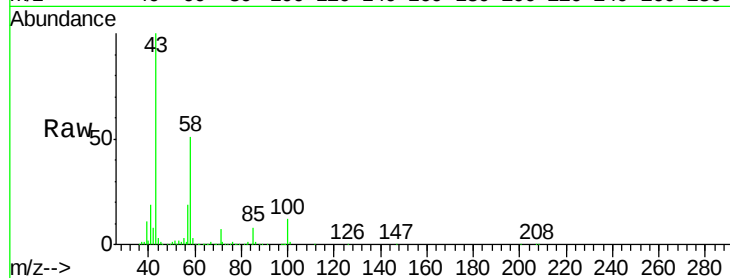
#59
2-Hexanone
Concen: 80.624 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW008880.D
Acq: 28 Feb 2019 11:58

Instrument :
MSVOA_W
ClientSampleId :
VW0228SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	51.9	25.3	75.8

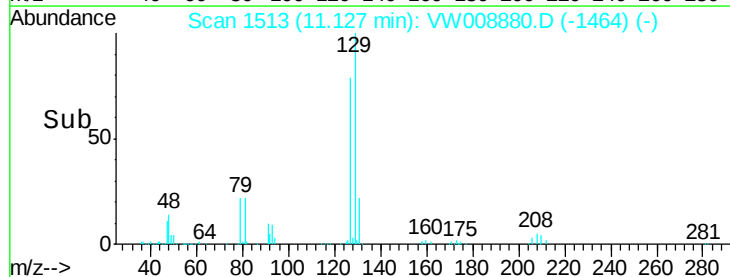
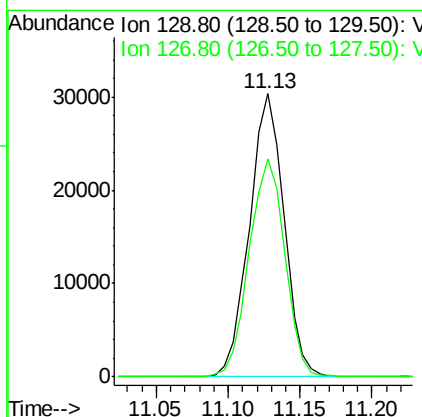
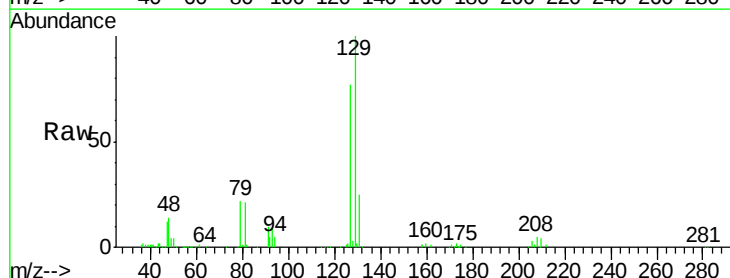
Manual Integrations
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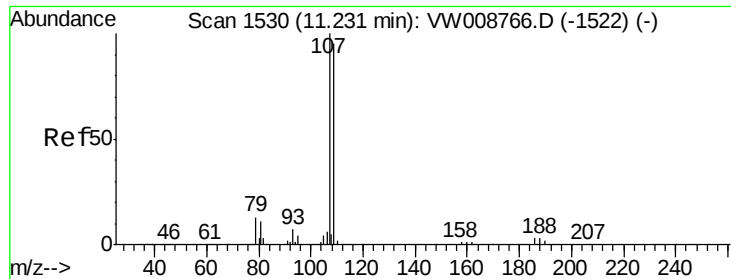
MMDadoda
3/1/2019 2:56:52 PM



#60
Dibromochloromethane
Concen: 18.932 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW008880.D
Acq: 28 Feb 2019 11:58

Tgt Ion	Ratio	Lower	Upper
129	100		
127	79.3	39.0	116.9





#61

1,2-Dibromoethane

Concen: 17.901 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.01 min

Lab File: VW008880.D

Acq: 28 Feb 2019 11:58

Instrument :

MSVOA_W

ClientSampled :

VW0228SBS01

Tot Ion: 107 Resp: 38710

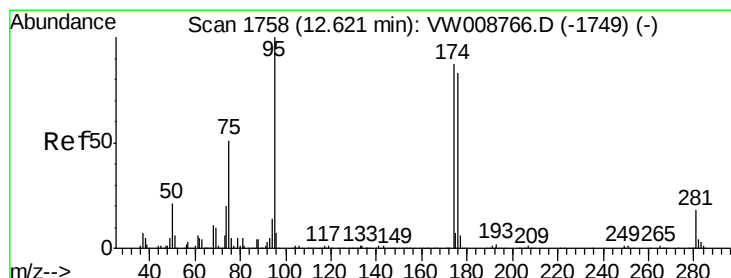
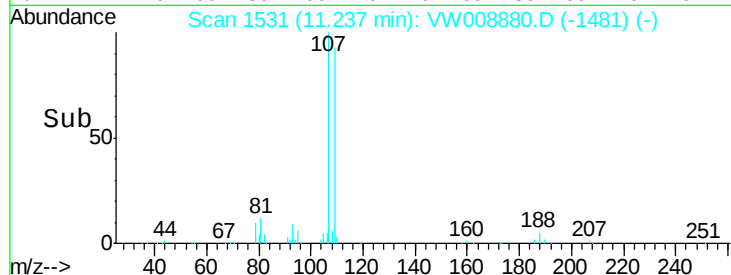
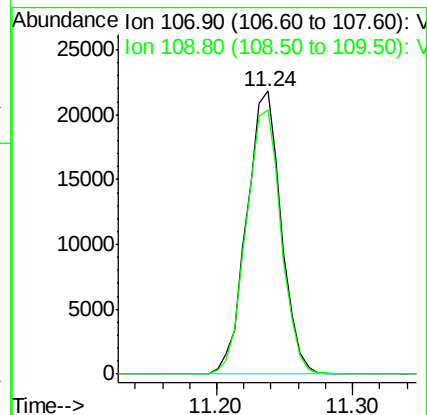
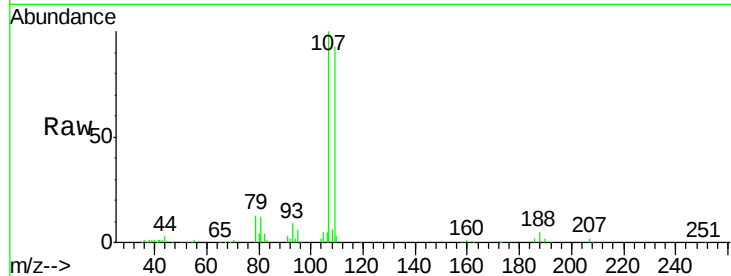
Ion Ratio Lower Upper

107 100

109 94.8 75.6 113.4

Manual Integrations
APPROVED

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3/1/2019 2:56:52 PM



#62

4-Bromofluorobenzene

Concen: 47.826 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW008880.D

Acq: 28 Feb 2019 11:58

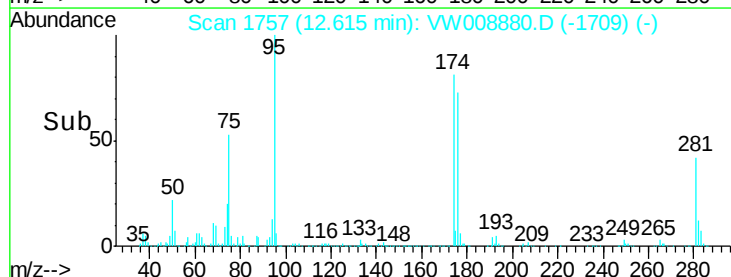
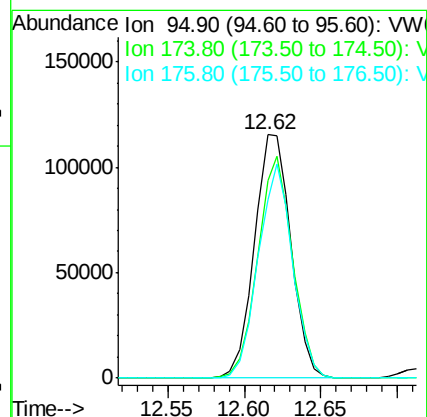
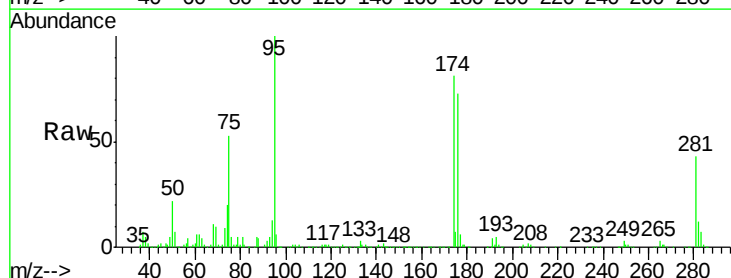
Tgt Ion: 95 Resp: 191382

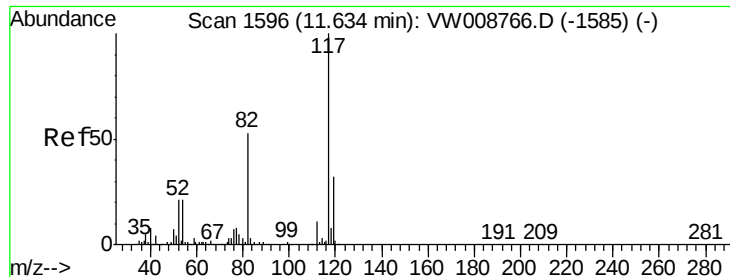
Ion Ratio Lower Upper

95 100

174 86.9 0.0 169.2

176 83.2 0.0 163.6





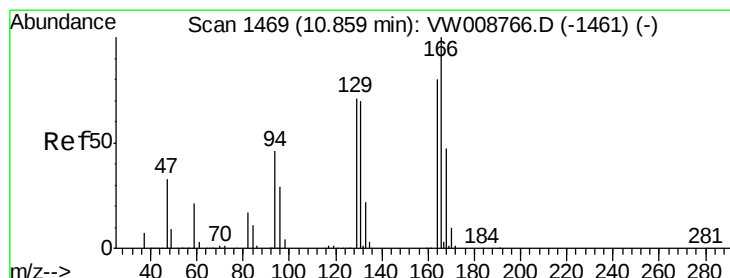
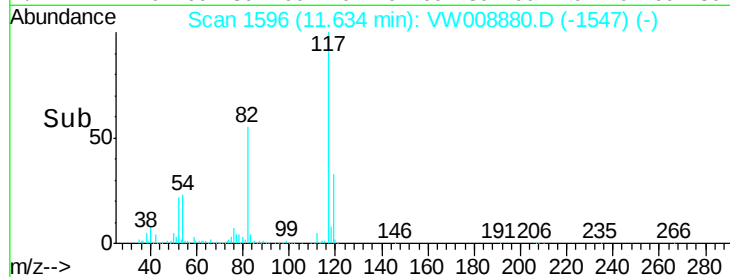
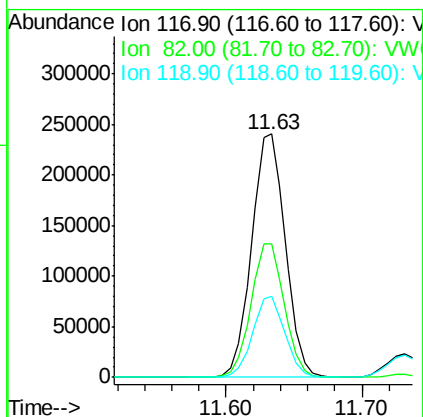
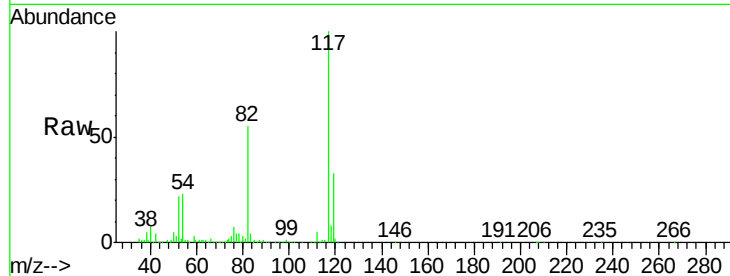
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008880.D
Acq: 28 Feb 2019 11:58

Instrument :
MSVOA_W
ClientSampleId :
VW0228SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.6	42.2	63.4
119	33.1	25.9	38.9

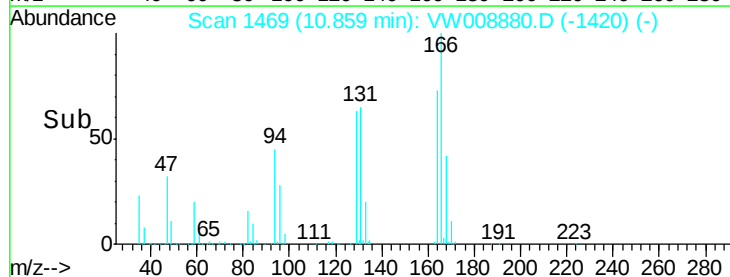
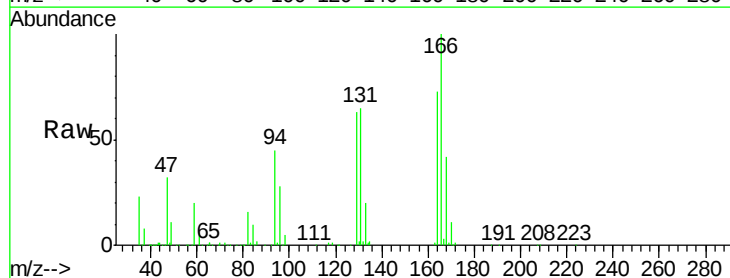
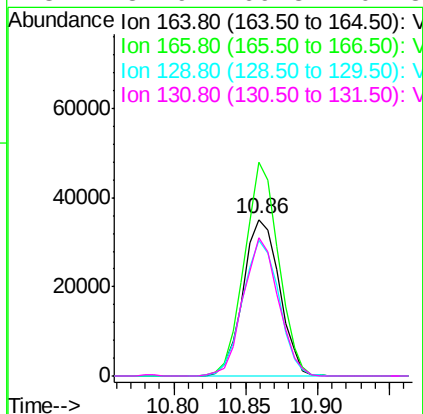
Manual Integrations
APPROVED

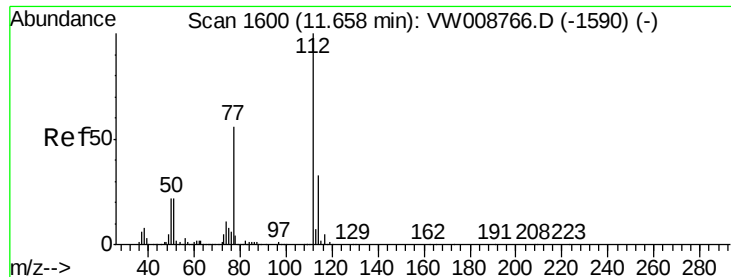
MMDadoda
3/1/2019 2:56:52 PM



#64
Tetrachloroethene
Concen: 20.548 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW008880.D
Acq: 28 Feb 2019 11:58

Tgt Ion	Ratio	Lower	Upper
164	100		
166	136.2	99.5	149.3
129	86.4	71.1	106.7
131	87.9	69.8	104.8





#65

Chlorobenzene

Concen: 20.299 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW008880.D

Acq: 28 Feb 2019 11:58

Instrument :

MSVOA_W

ClientSampleId :

VW0228SBS01

Tot Ion:112 Resp: 178282

Ion Ratio Lower Upper

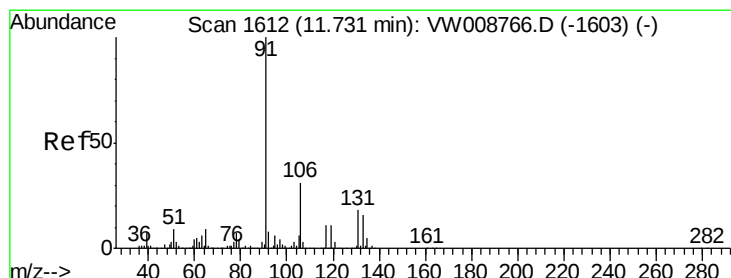
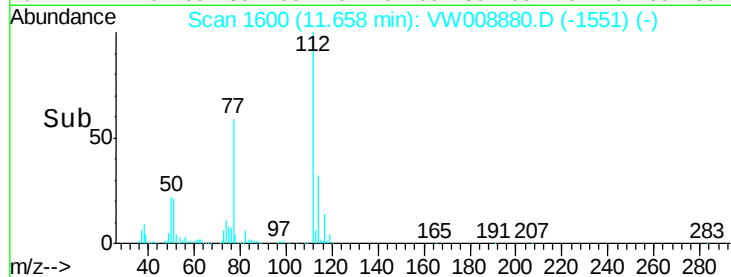
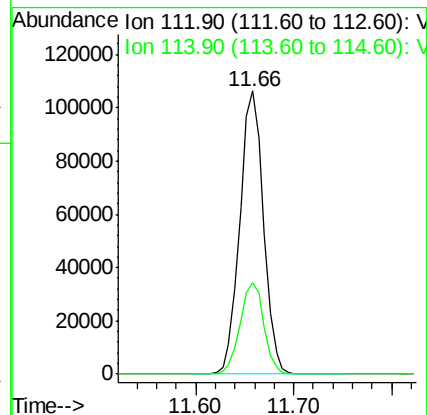
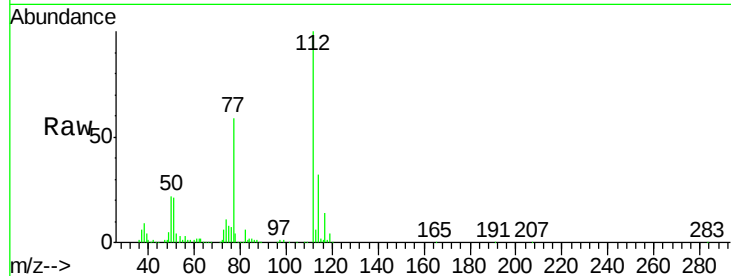
112 100

114 32.0 26.6 40.0

Manual Integrations
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3/1/2019 2:56:52 PM



#66

1,1,1,2-Tetrachloroethane

Concen: 20.111 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW008880.D

Acq: 28 Feb 2019 11:58

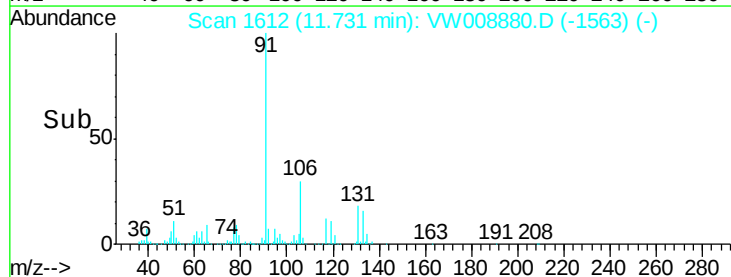
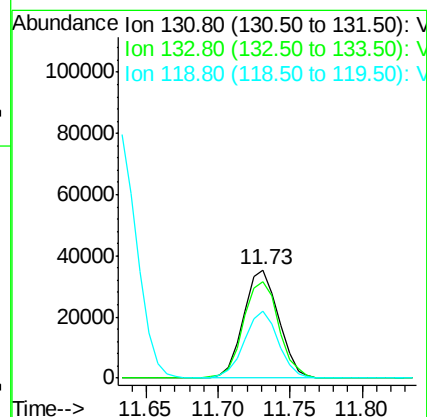
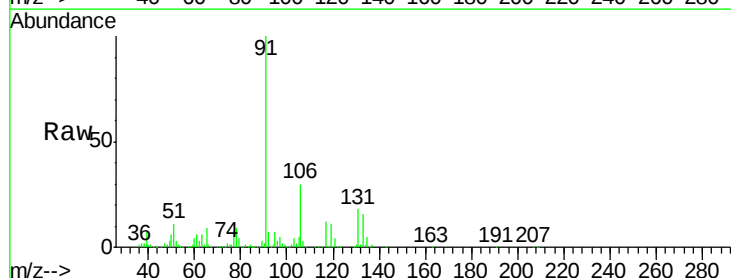
Tgt Ion:131 Resp: 59725

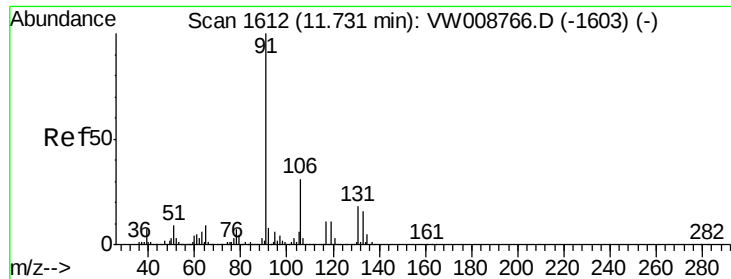
Ion Ratio Lower Upper

131 100

133 90.3 46.7 140.0

119 60.4 30.8 92.4





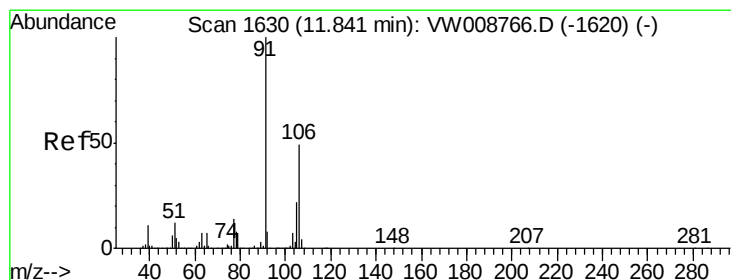
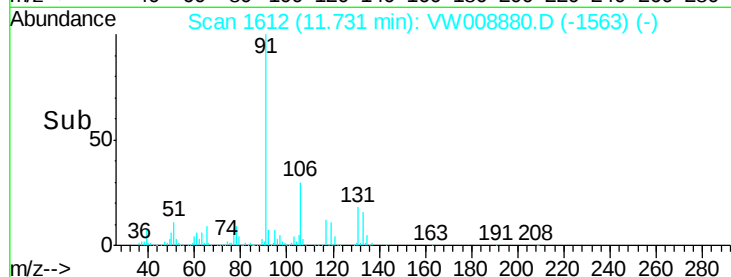
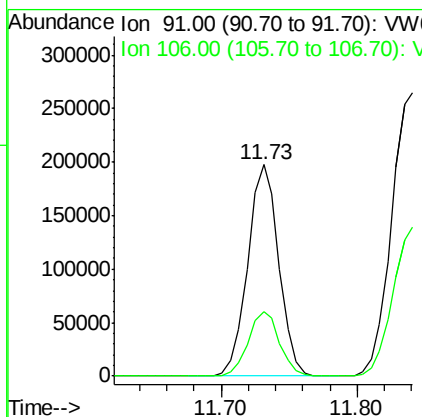
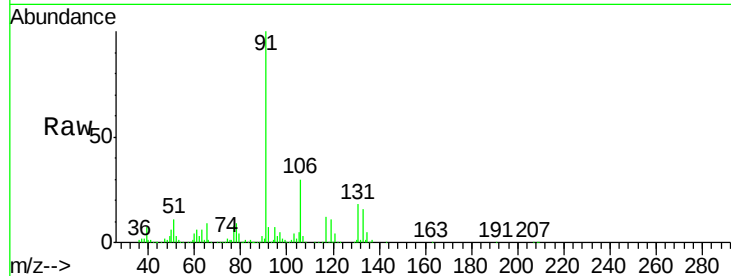
#67
Ethyl Benzene
Concen: 20.125 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008880.D
Acq: 28 Feb 2019 11:58

Instrument :
MSVOA_W
ClientSampleId :
VW0228SBS01

Tot Ion: 91 Resp: 315973
Ion Ratio Lower Upper
91 100
106 30.3 25.0 37.6

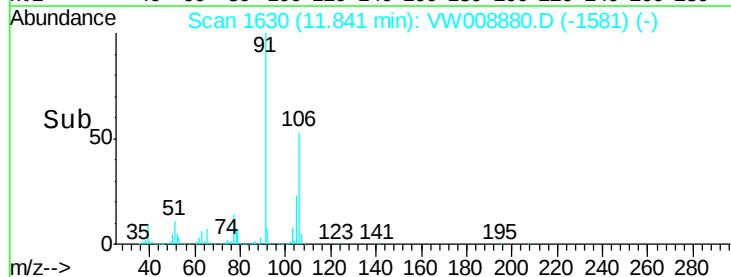
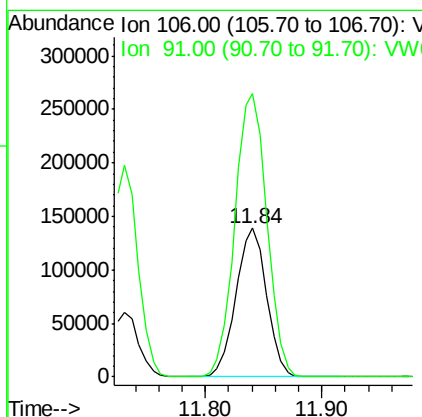
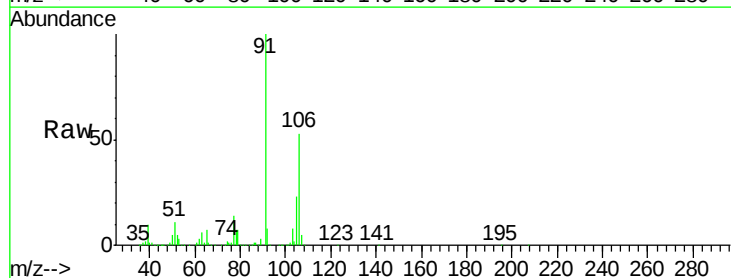
Manual Integrations
APPROVED

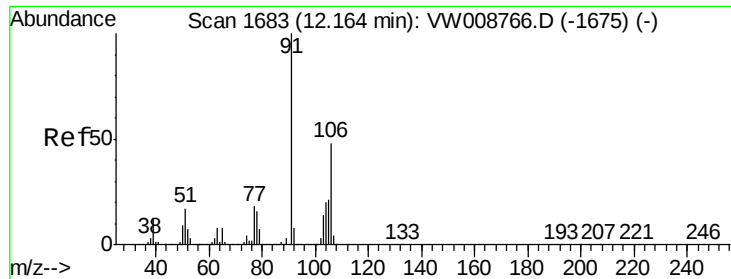
MMDadoda
3/1/2019 2:56:52 PM



#68
m/p-Xylenes
Concen: 40.661 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW008880.D
Acq: 28 Feb 2019 11:58

Tgt Ion: 106 Resp: 255078
Ion Ratio Lower Upper
106 100
91 198.5 161.5 242.3





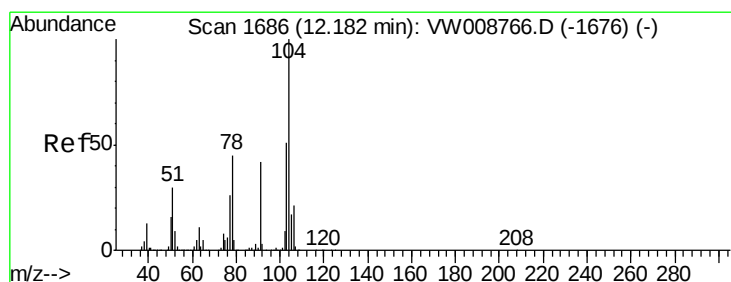
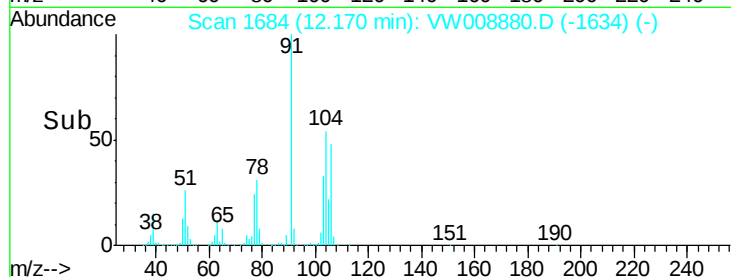
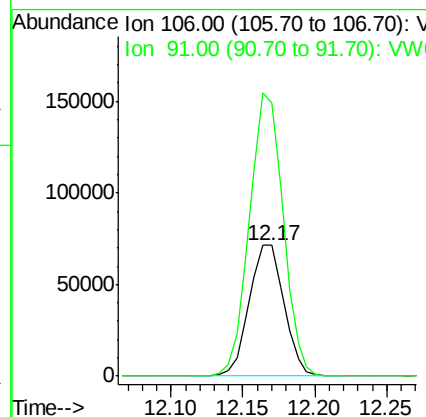
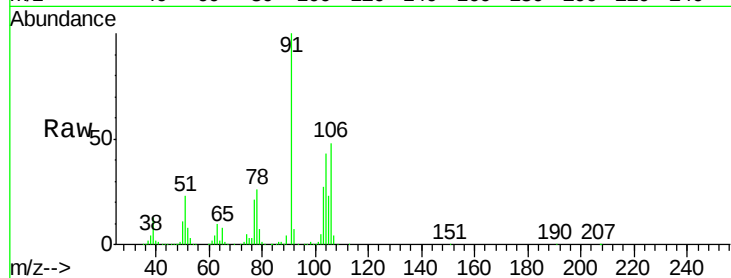
#69
o-Xylene
Concen: 20.287 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.01 min
Lab File: VW008880.D
Acq: 28 Feb 2019 11:58

Instrument :
MSVOA_W
ClientSampleId :
VW0228SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	119451		
91	209.8	106.2	318.6		

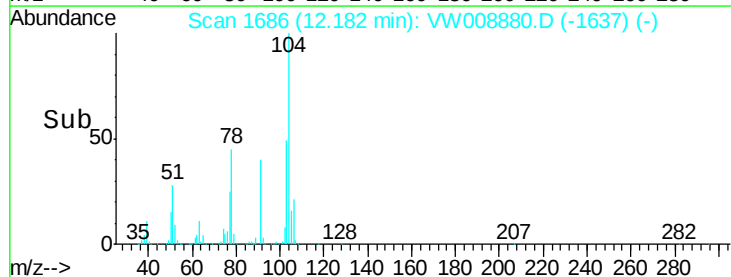
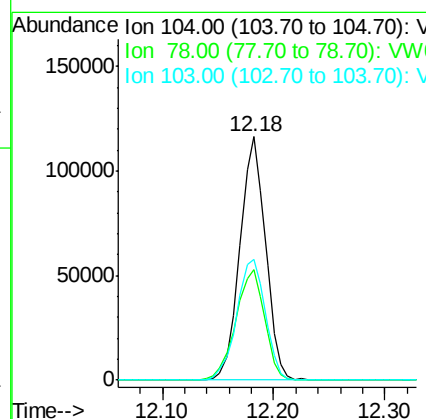
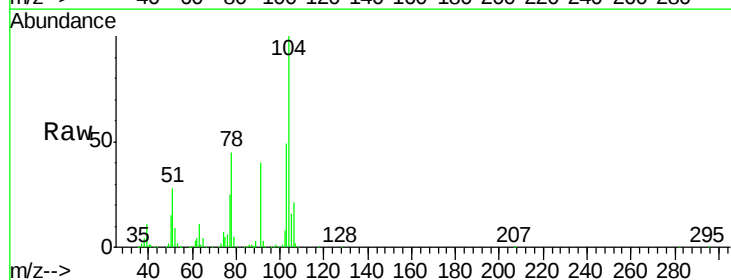
Manual Integrations
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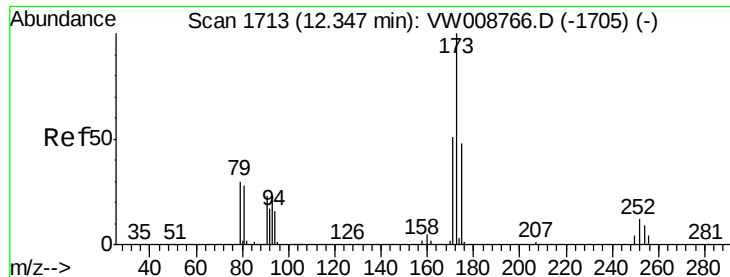
MMDadoda
3/1/2019 2:56:52 PM



#70
Styrene
Concen: 19.609 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW008880.D
Acq: 28 Feb 2019 11:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	185758		
78	51.0	40.8	61.2		
103	55.5	44.2	66.2		





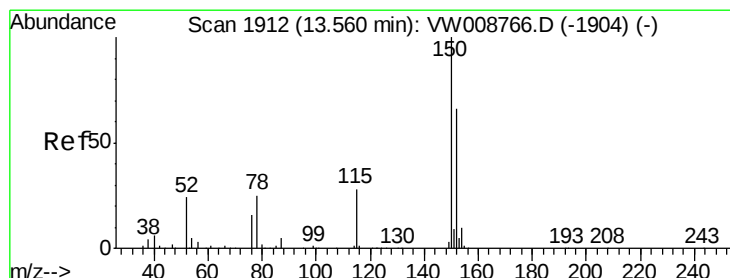
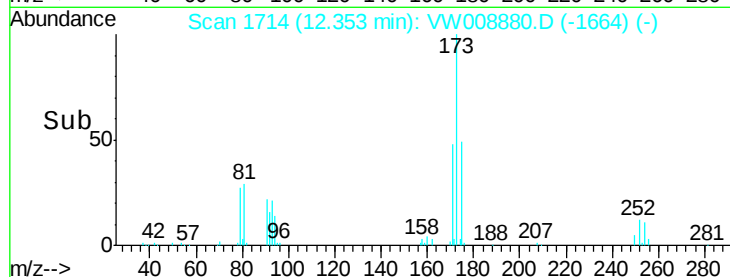
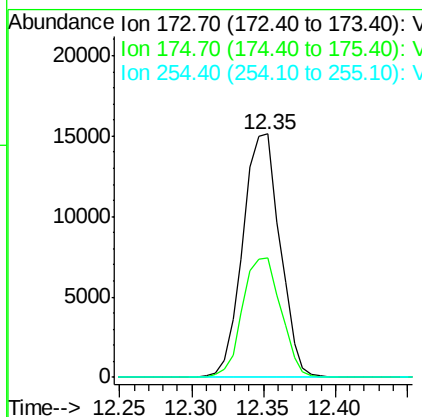
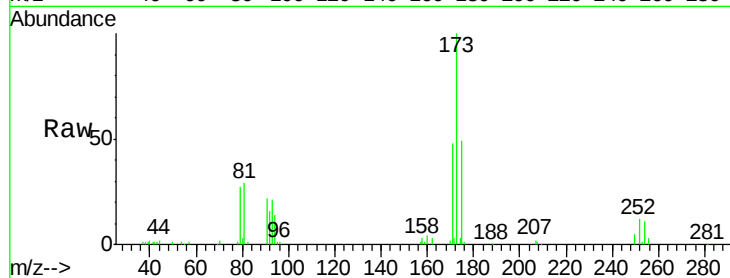
#71
Bromoform
Concen: 16.992 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.01 min
Lab File: VW008880.D
Acq: 28 Feb 2019 11:58

Instrument :
MSVOA_W
ClientSampleId :
VW0228SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.4	24.2	72.6
254	0.0	0.2	0.4

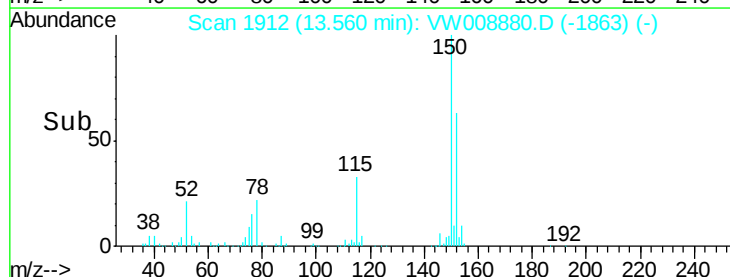
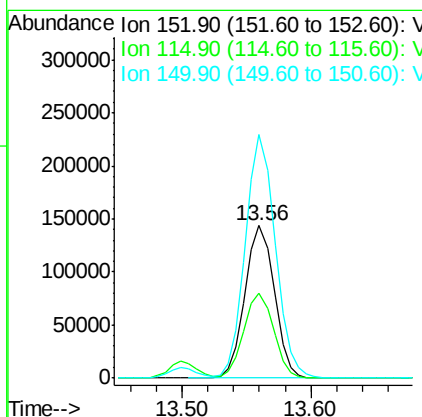
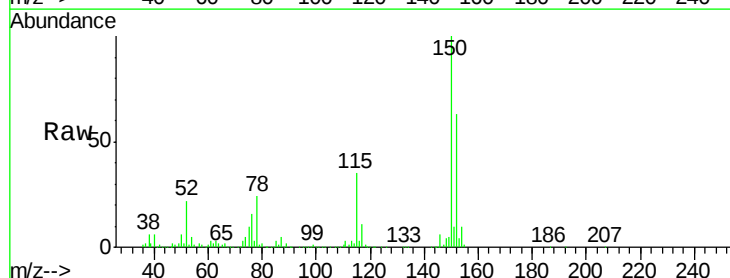
Manual Integrations
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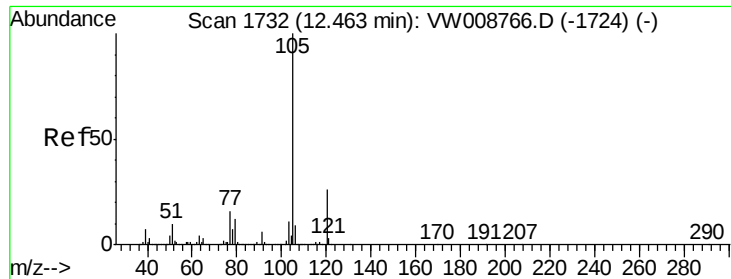
MMDadoda
3/1/2019 2:56:52 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008880.D
Acq: 28 Feb 2019 11:58

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.7	28.6	85.8
150	162.9	0.0	348.0





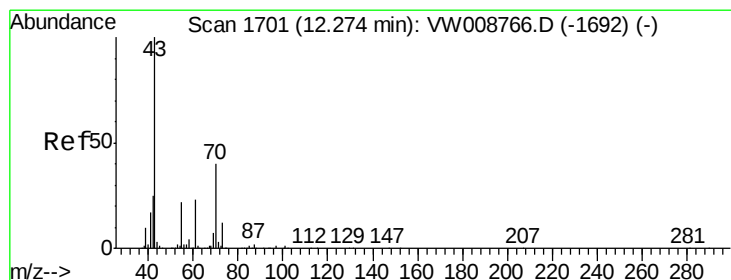
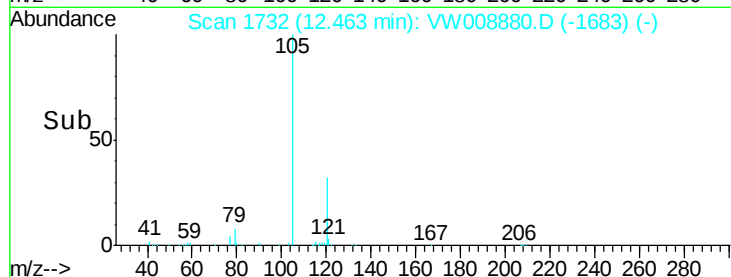
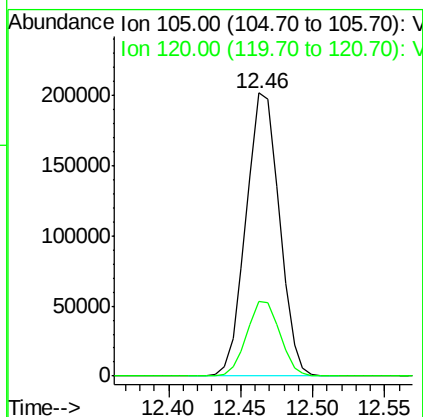
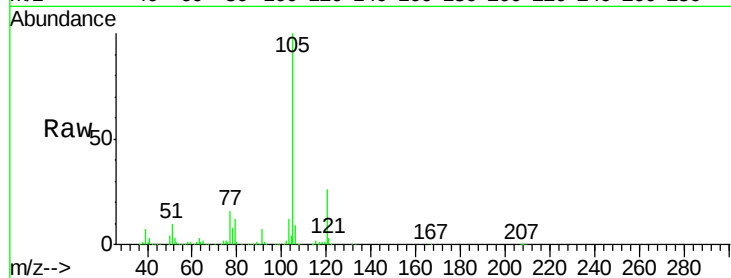
#73
Isopropylbenzene
Concen: 20.902 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VW008880.D
Acq: 28 Feb 2019 11:58

Instrument :
MSVOA_W
ClientSampleId :
VW0228SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.4	13.3	39.9

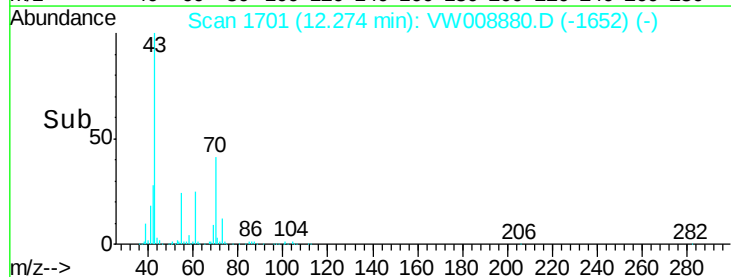
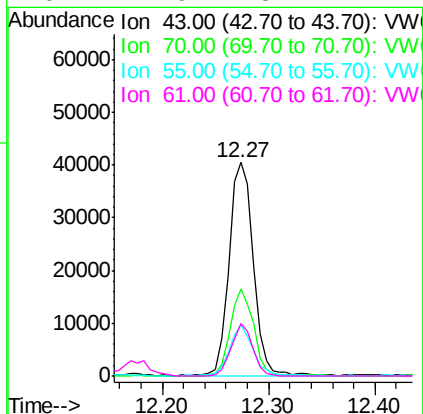
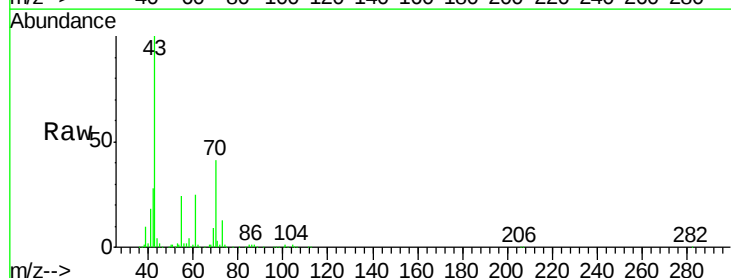
Manual Integrations
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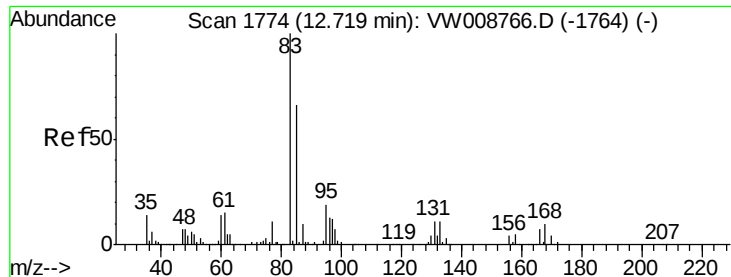
MMDadoda
3/1/2019 2:56:52 PM



#74
N-ethyl acetate
Concen: 16.491 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW008880.D
Acq: 28 Feb 2019 11:58

Tgt Ion	Ratio	Lower	Upper
43	100		
70	39.5	31.0	46.6
55	23.9	18.7	28.1
61	21.9	18.1	27.1





#75

1,1,2,2-Tetrachloroethane

Concen: 18.261 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW008880.D

Acq: 28 Feb 2019 11:58

Instrument :

MSVOA_W

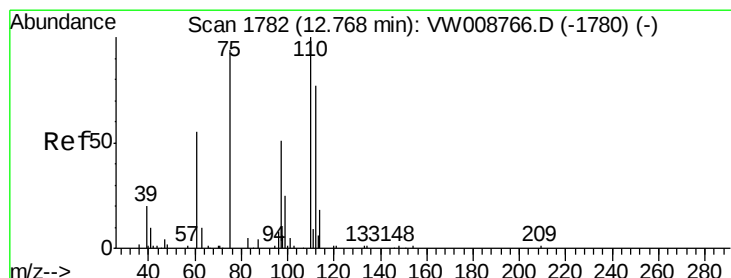
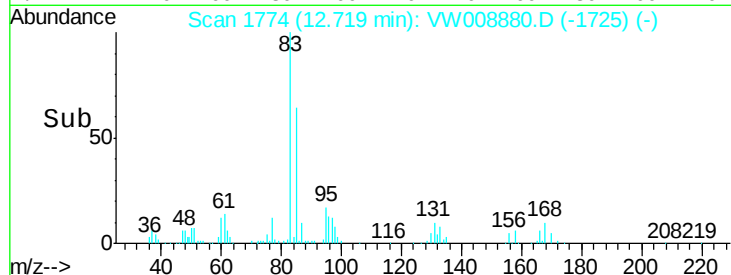
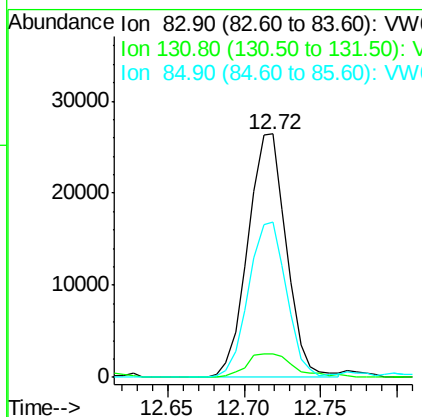
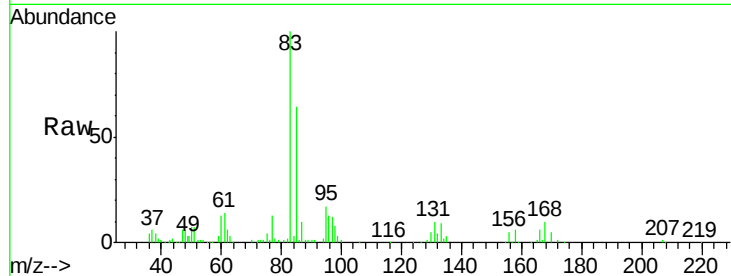
ClientSampleId :

VW0228SBS01

Tot Ion:	83	Resp:	46273
Ion Ratio	Lower	Upper	
83	100		
131	12.1	5.5	16.7
85	63.5	33.0	98.9

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#76

1,2,3-Trichloropropane

Concen: 17.667 ug/l m

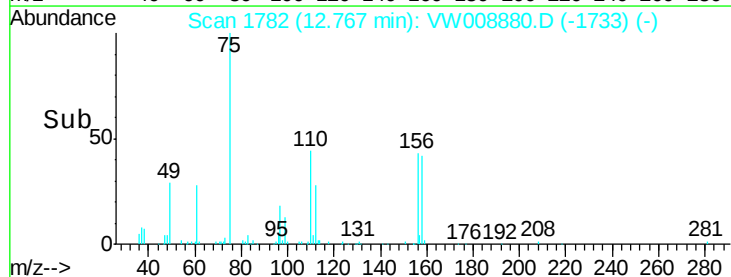
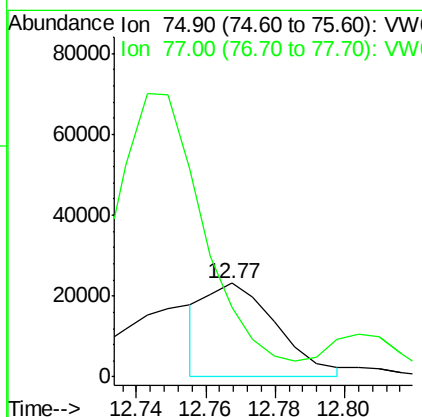
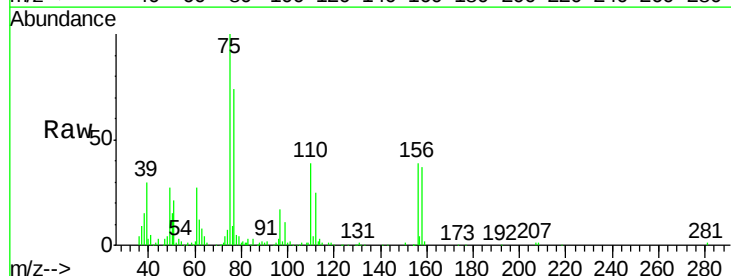
RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW008880.D

Acq: 28 Feb 2019 11:58

Tgt Ion:	75	Resp:	32998
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.125 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW008880.D

Acq: 28 Feb 2019 11:58

Instrument :

MSVOA_W

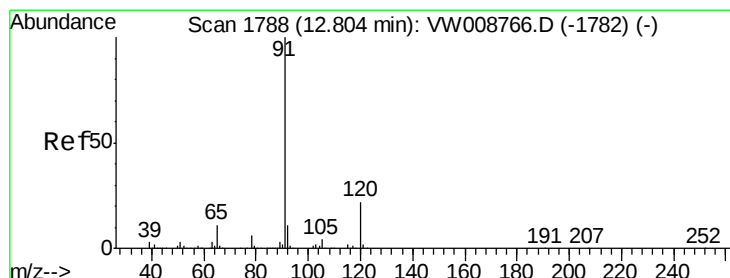
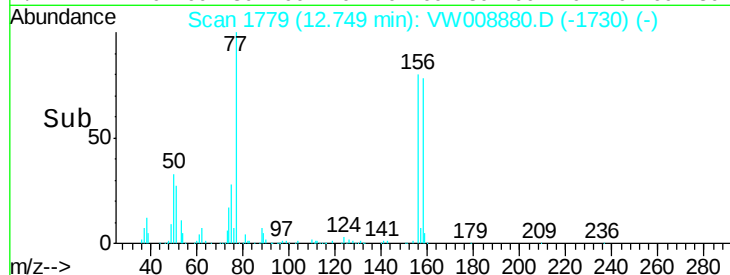
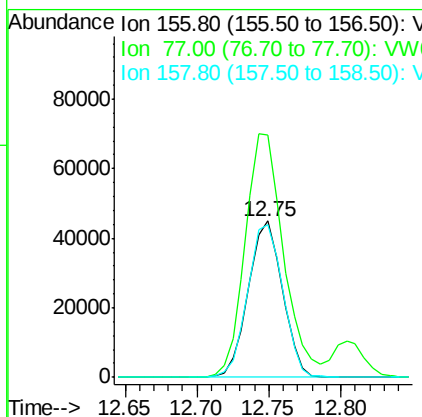
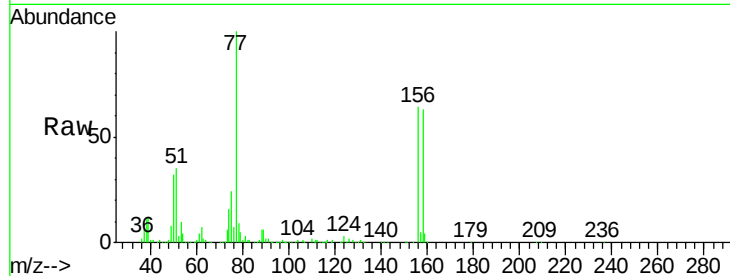
ClientSampleId :

VW0228SBS01

Tot Ion:	156	Resp:	73754
Ion	Ratio	Lower	Upper
156	100		
77	175.0	89.1	267.4
158	100.1	49.2	147.6

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#78

n-propylbenzene

Concen: 20.851 ug/l

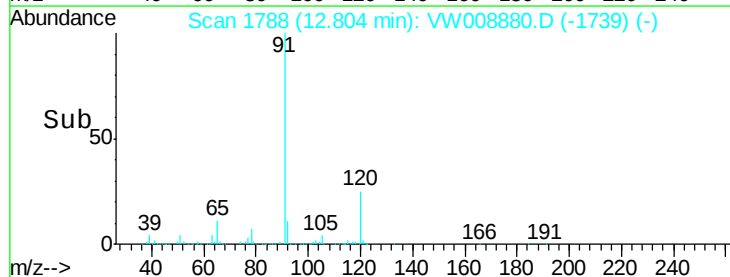
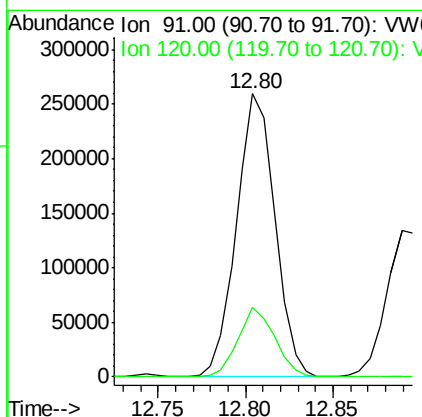
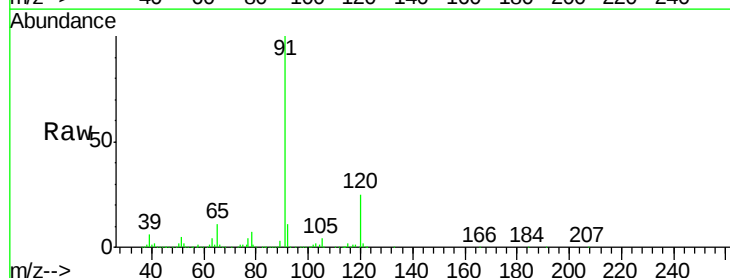
RT: 12.80 min Scan# 1788

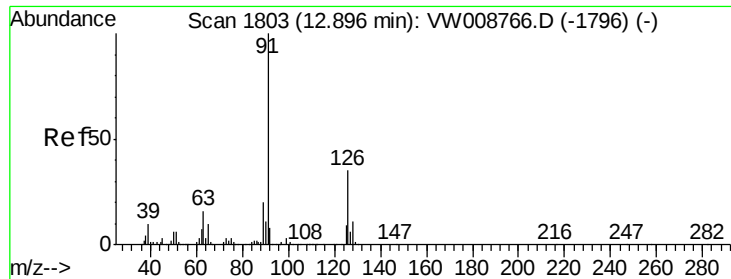
Delta R.T. -0.00 min

Lab File: VW008880.D

Acq: 28 Feb 2019 11:58

Tgt Ion:	91	Resp:	395560
Ion	Ratio	Lower	Upper
91	100		
120	23.7	11.5	34.4





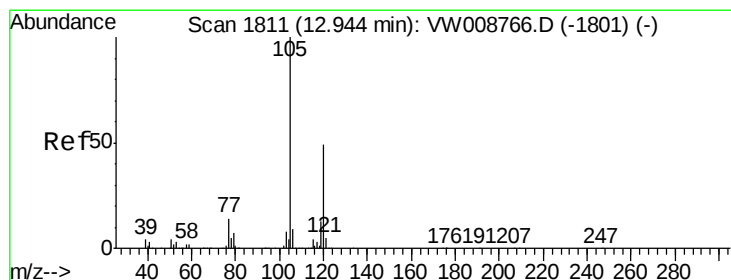
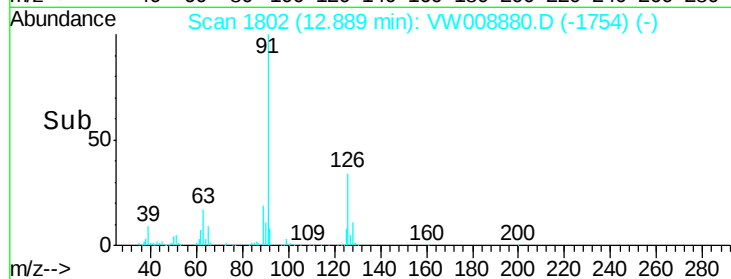
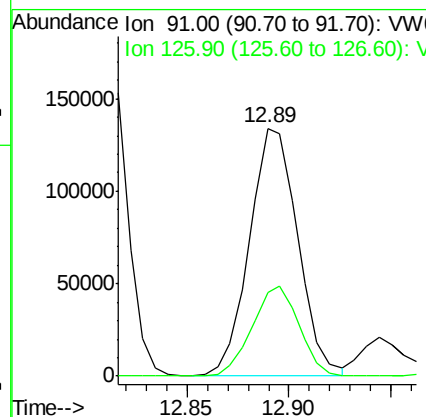
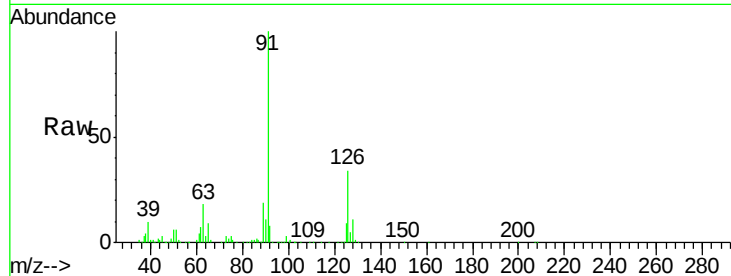
#79
 2-Chlorotoluene
 Concen: 20.486 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. -0.01 min
 Lab File: VW008880.D
 Acq: 28 Feb 2019 11:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0228SBS01

Tot Ion: 91 Resp: 220647
 Ion Ratio Lower Upper
 91 100
 126 35.4 17.0 51.0

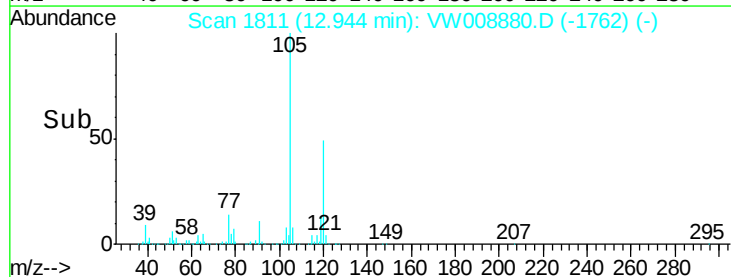
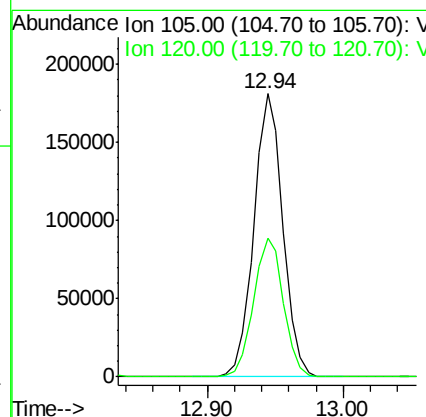
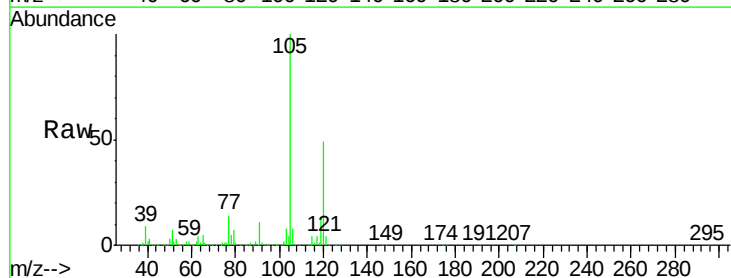
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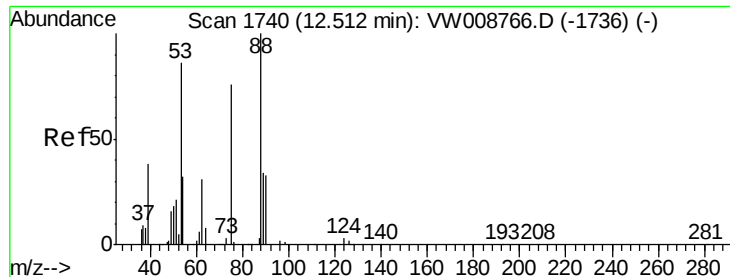
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#80
 1,3,5-Trimethylbenzene
 Concen: 19.958 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW008880.D
 Acq: 28 Feb 2019 11:58

Tgt Ion: 105 Resp: 268977
 Ion Ratio Lower Upper
 105 100
 120 50.7 24.8 74.4





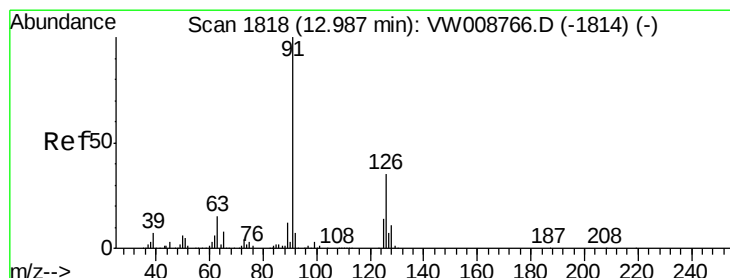
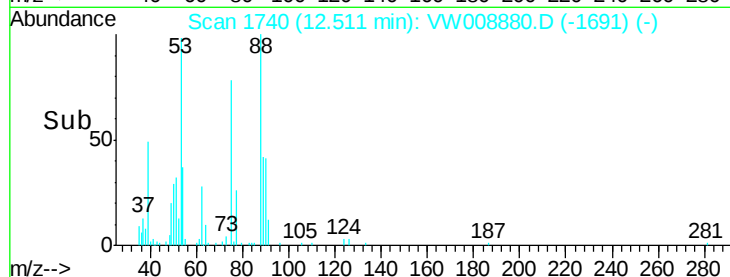
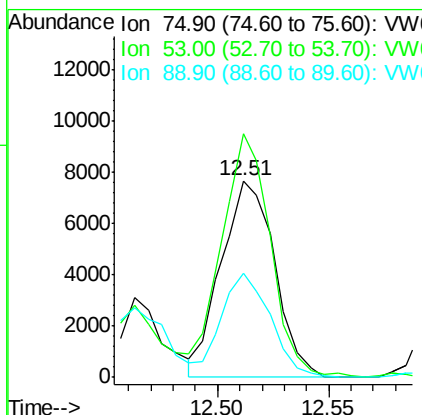
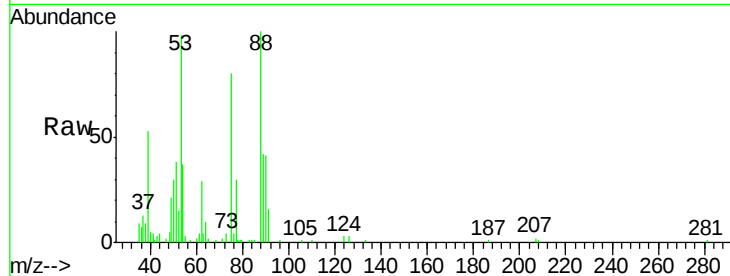
#81
trans-1,4-Dichloro-2-butene
Concen: 16.668 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW008880.D
Acq: 28 Feb 2019 11:58

Instrument :
MSVOA_W
ClientSampleId :
VW0228SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	113.3	88.2	132.2
89	49.3	39.5	59.3

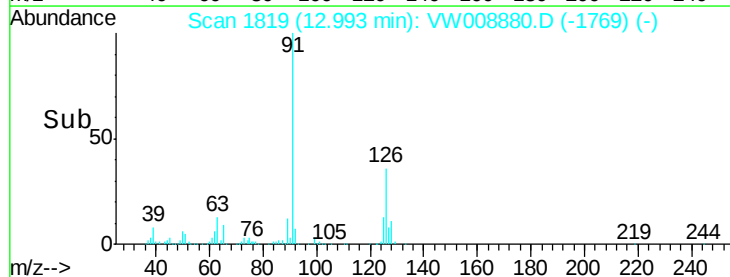
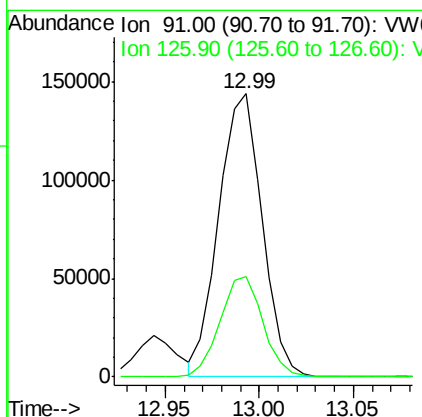
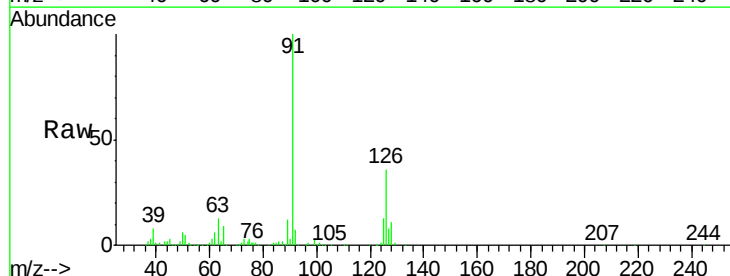
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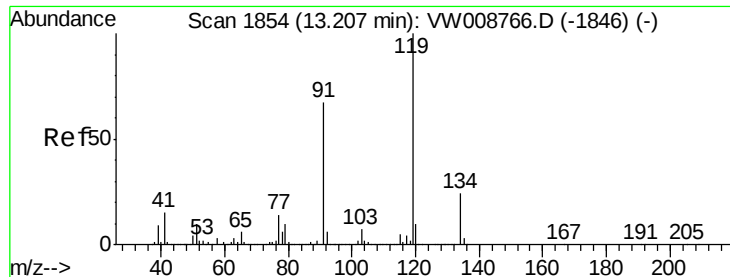
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#82
4-Chlorotoluene
Concen: 20.222 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.01 min
Lab File: VW008880.D
Acq: 28 Feb 2019 11:58

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.2	17.2	51.6





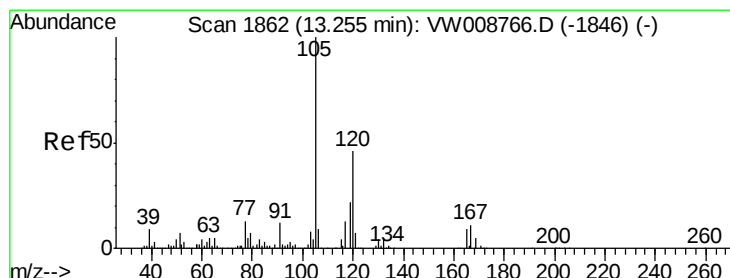
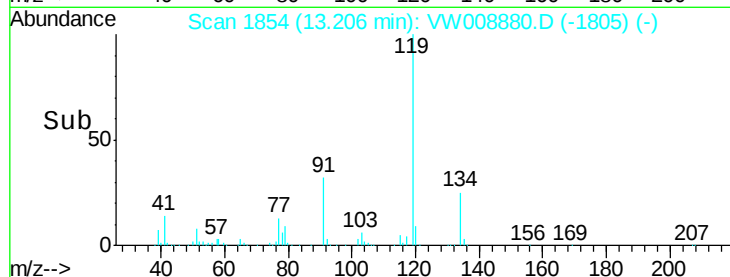
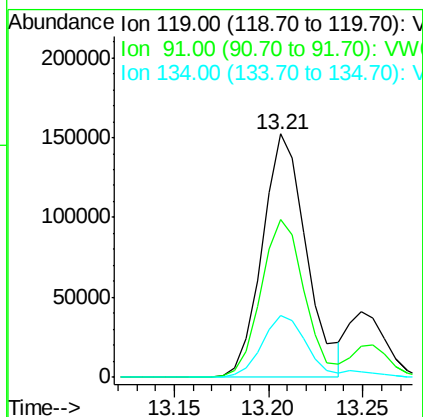
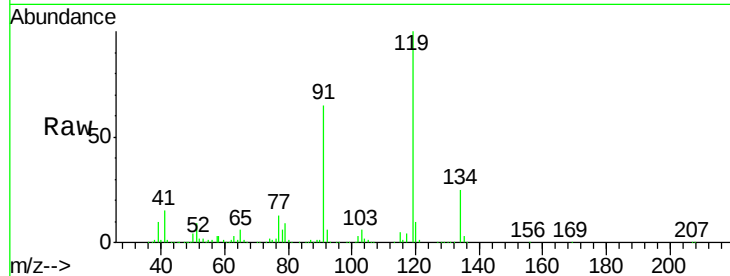
#83
tert-Butylbenzene
Concen: 21.226 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW008880.D
Acq: 28 Feb 2019 11:58

Instrument :
MSVOA_W
ClientSampleId :
VW0228SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.9	33.6	100.8
134	27.1	13.7	41.1

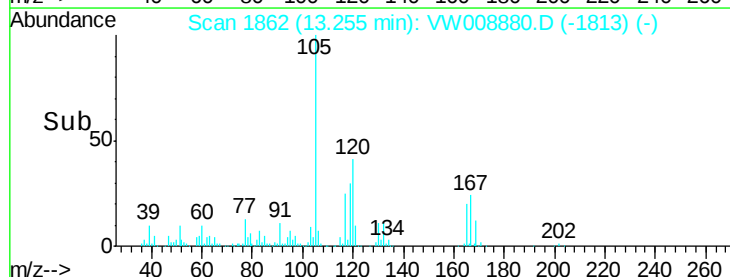
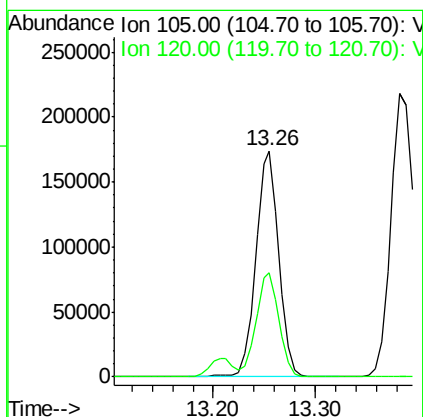
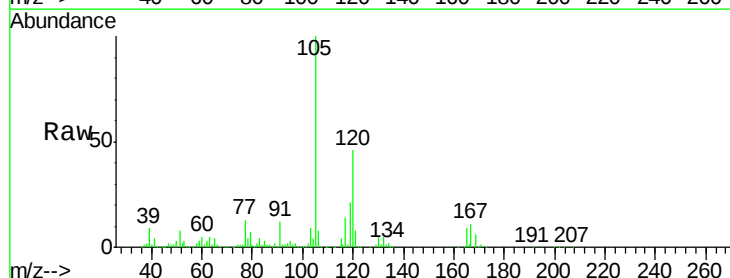
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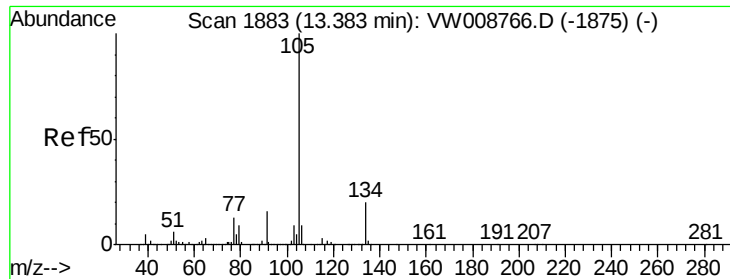
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 19.536 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW008880.D
Acq: 28 Feb 2019 11:58

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	22.8	68.4





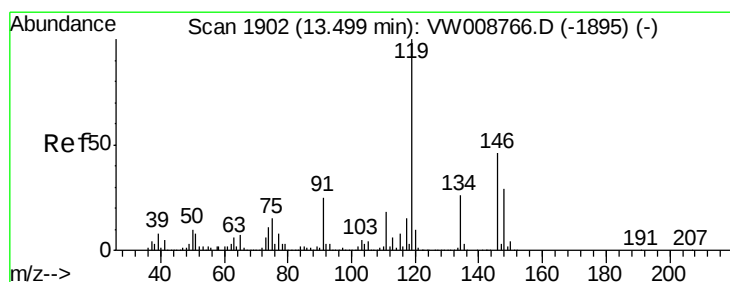
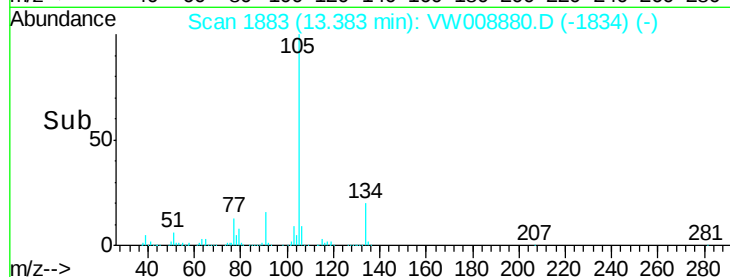
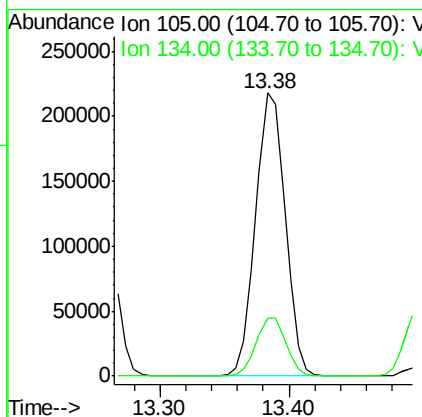
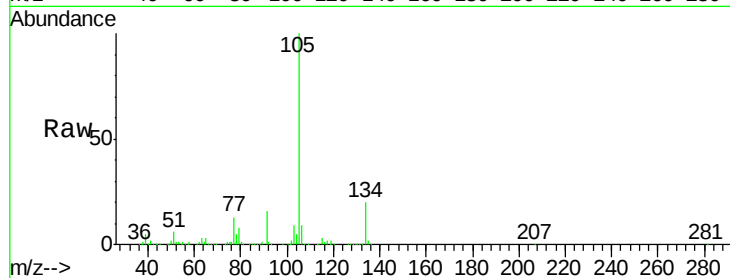
#85
 sec-Butylbenzene
 Concen: 20.714 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW008880.D
 Acq: 28 Feb 2019 11:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0228SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.7	10.4	31.1

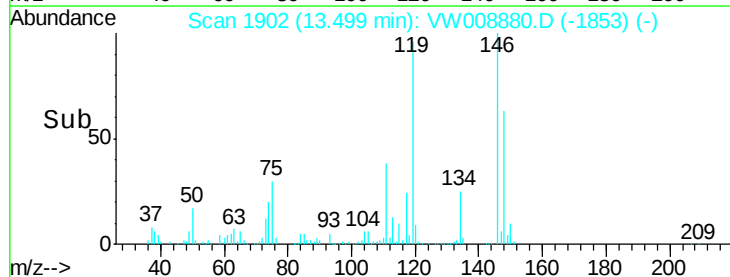
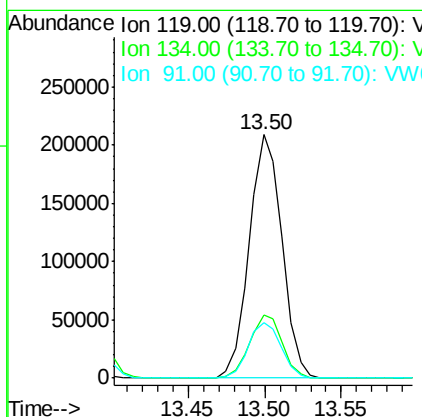
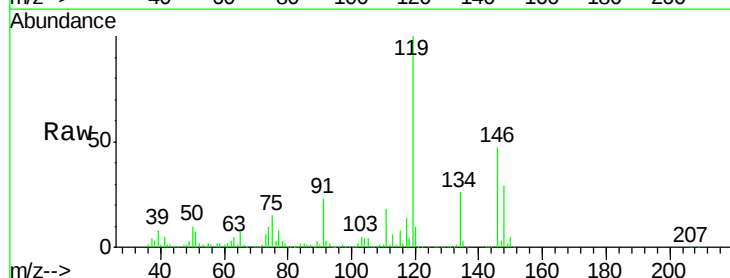
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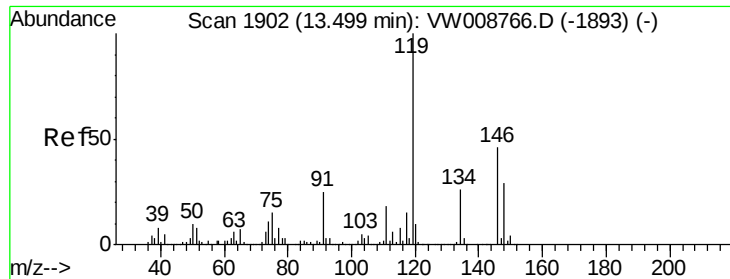
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#86
 p-Isopropyltoluene
 Concen: 20.155 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW008880.D
 Acq: 28 Feb 2019 11:58

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.1	13.1	39.3
91	23.1	12.1	36.3





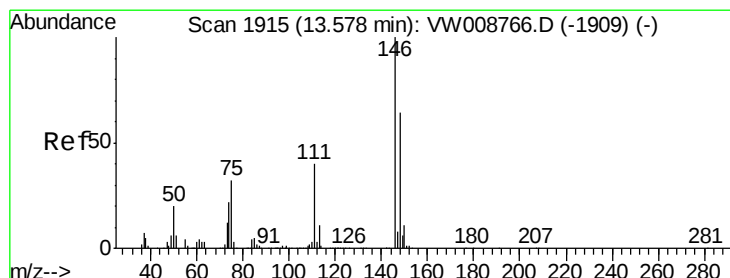
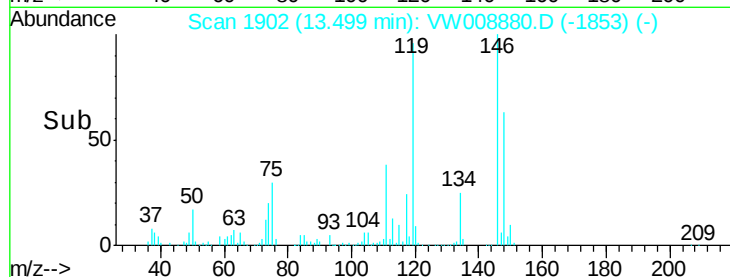
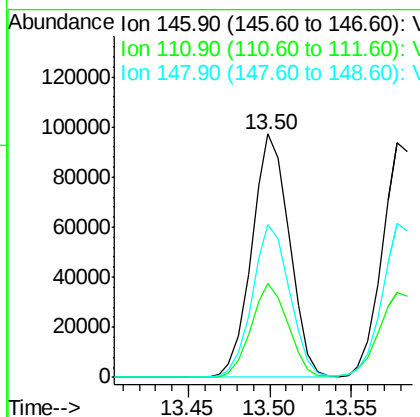
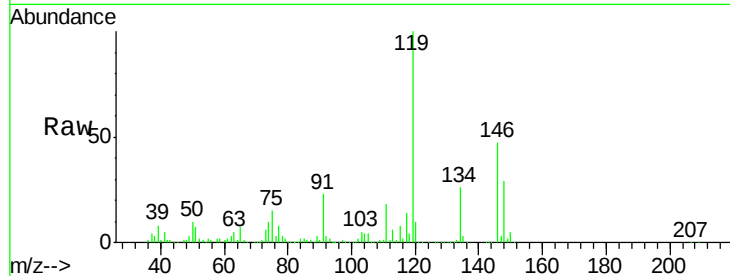
#87
 1,3-Dichlorobenzene
 Concen: 20.532 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW008880.D
 Acq: 28 Feb 2019 11:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0228SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	156121		
111	37.9	19.9	59.7	
148	62.1	31.6	94.8	

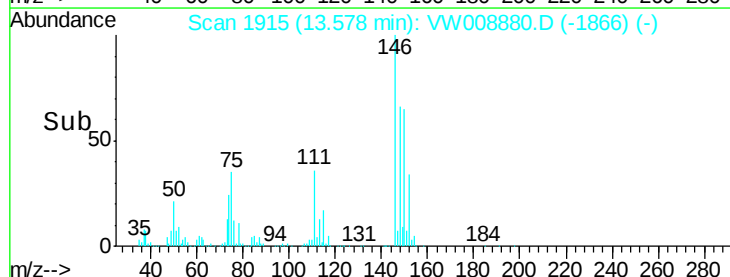
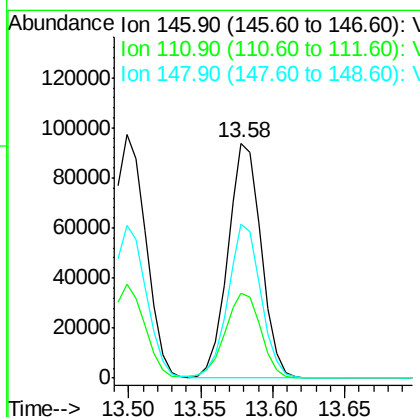
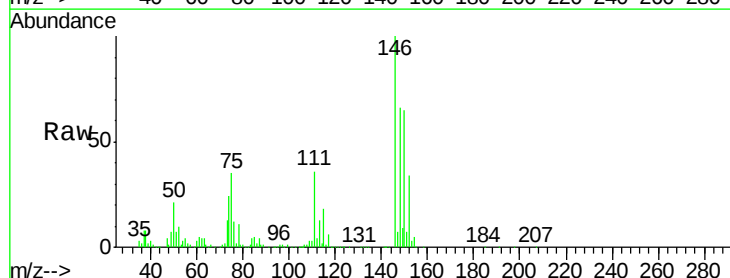
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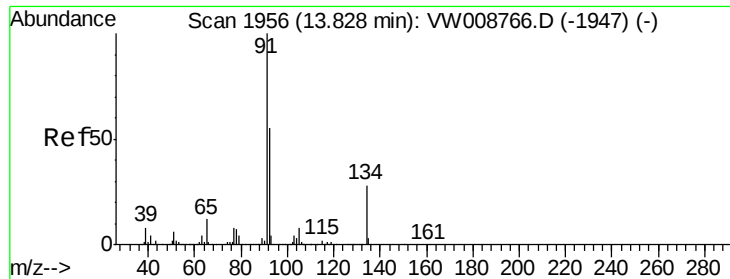
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#88
 1,4-Dichlorobenzene
 Concen: 20.210 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW008880.D
 Acq: 28 Feb 2019 11:58

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	151456		
111	39.0	19.3	57.9	
148	65.0	31.9	95.9	





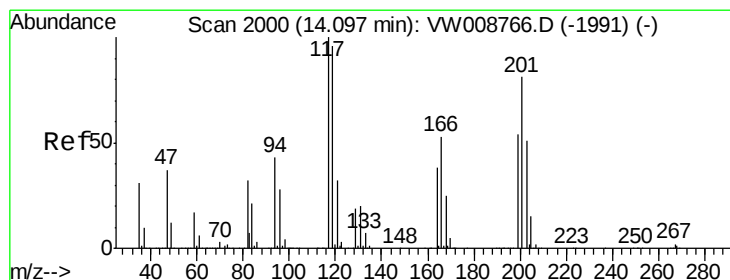
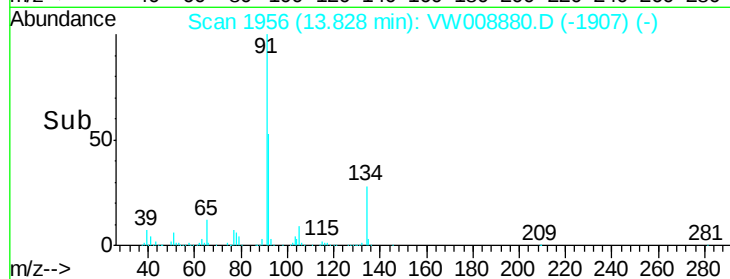
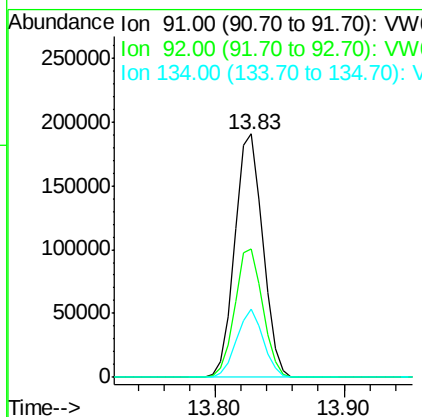
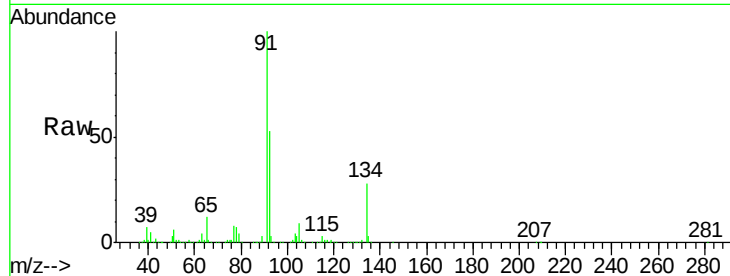
#89
n-Butylbenzene
Concen: 20.039 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW008880.D
Acq: 28 Feb 2019 11:58

Instrument :
MSVOA_W
ClientSampleId :
VW0228SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.8	80.4
134	26.5	13.5	40.4

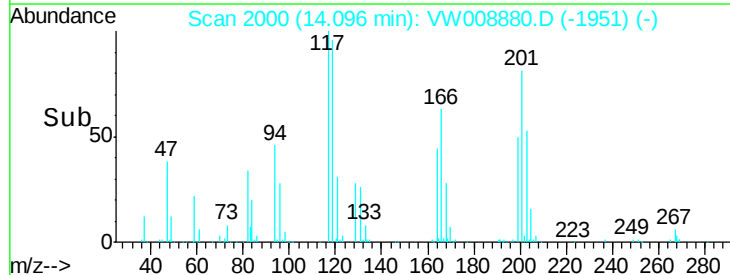
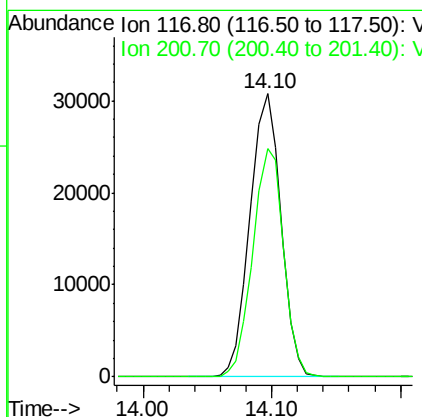
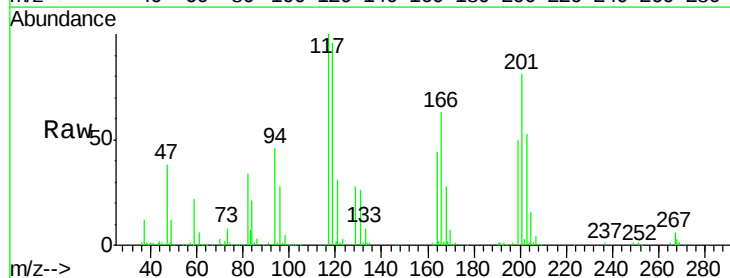
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#90
Hexachloroethane
Concen: 20.364 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW008880.D
Acq: 28 Feb 2019 11:58

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.9	40.3	120.8





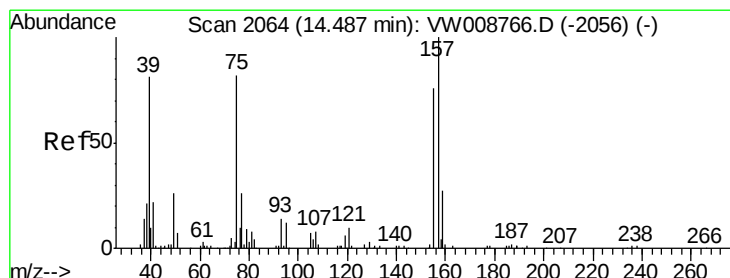
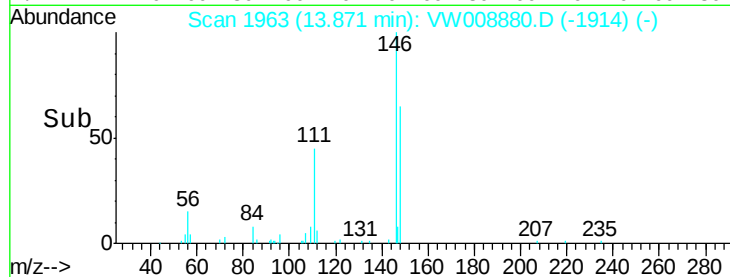
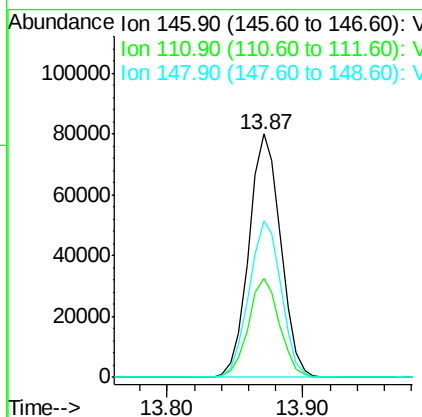
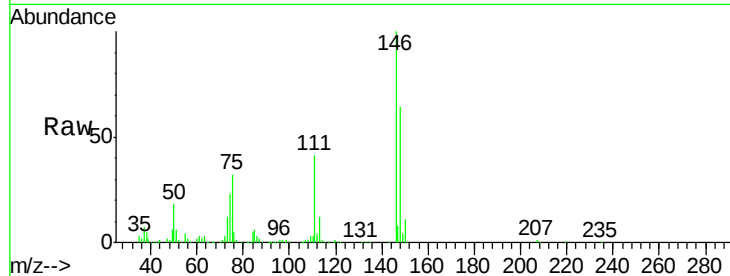
#91
 1,2-Dichlorobenzene
 Concen: 19.381 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW008880.D
 Acq: 28 Feb 2019 11:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0228SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	131308		
111	40.0	20.3	60.8	
148	64.8	32.5	97.5	

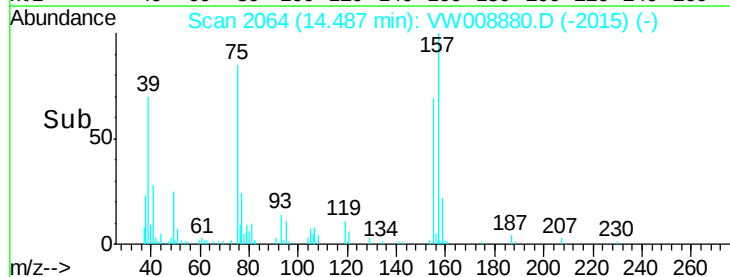
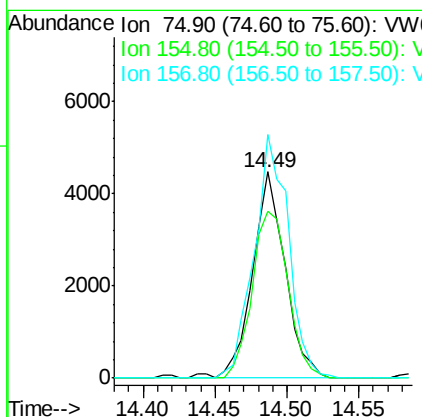
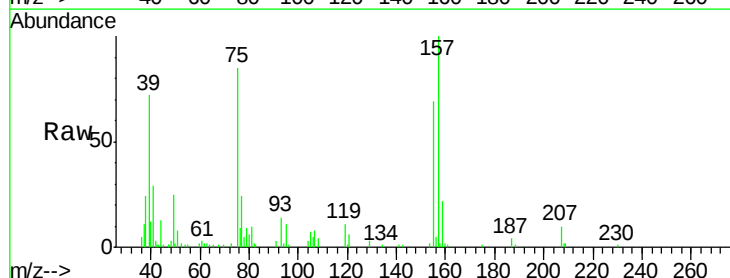
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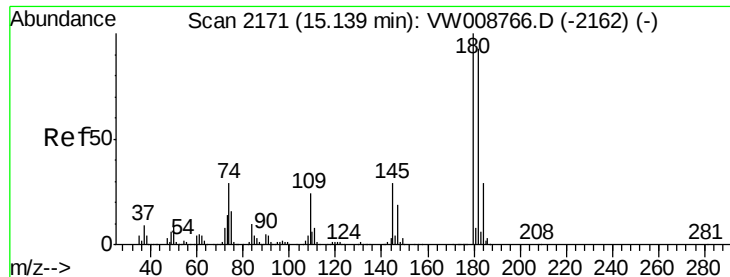
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 15.229 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW008880.D
 Acq: 28 Feb 2019 11:58

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	6981		
155	89.4	41.8	125.4	
157	124.0	56.6	169.9	





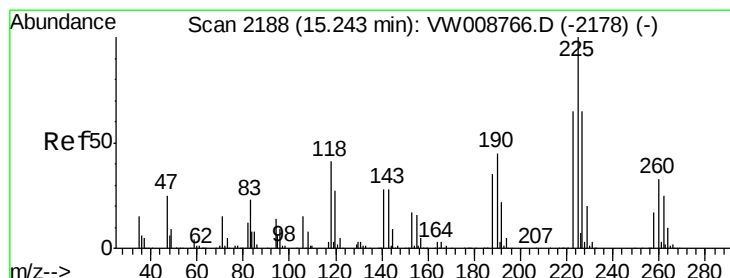
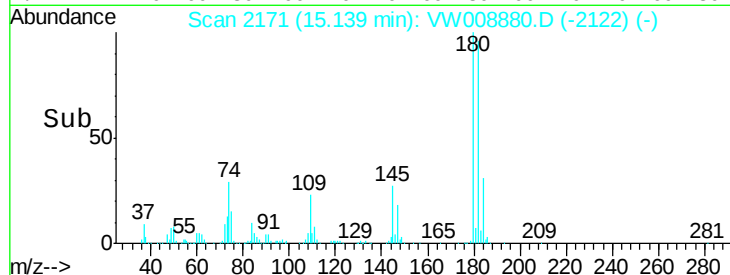
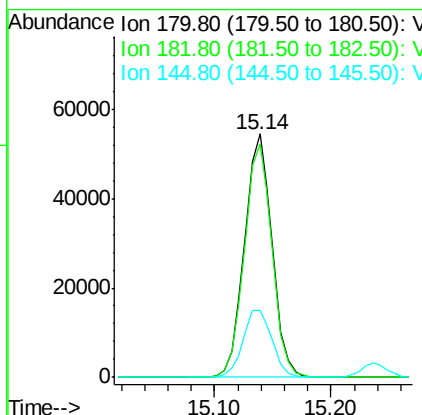
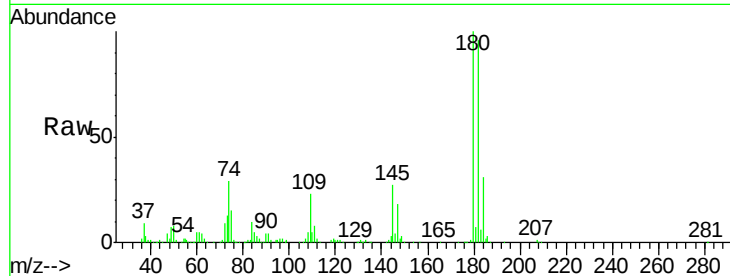
#93
 1,2,4-Trichlorobenzene
 Concen: 18.387 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW008880.D
 Acq: 28 Feb 2019 11:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0228SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	89754		
182	96.1	47.2	141.6	
145	29.0	14.4	43.0	

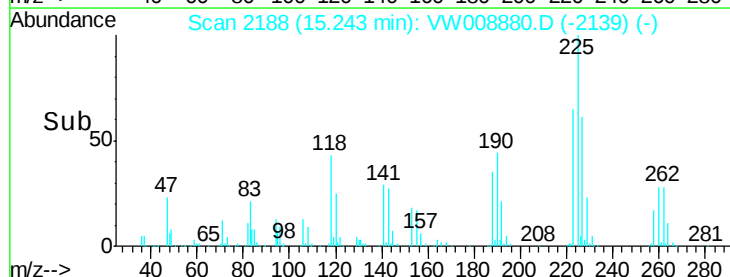
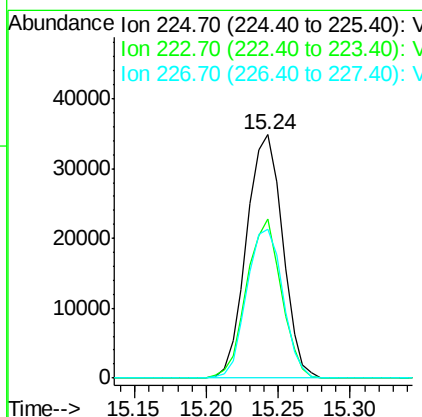
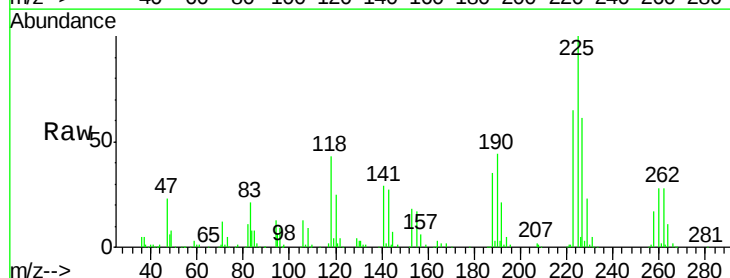
Manual Integrations
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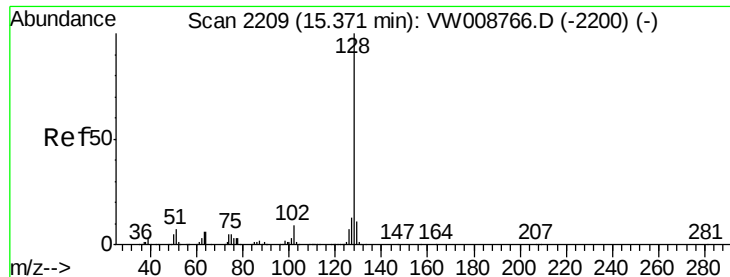
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#94
 Hexachlorobutadiene
 Concen: 20.988 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW008880.D
 Acq: 28 Feb 2019 11:58

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	60347		
223	62.8	31.5	94.5	
227	61.6	31.6	94.8	





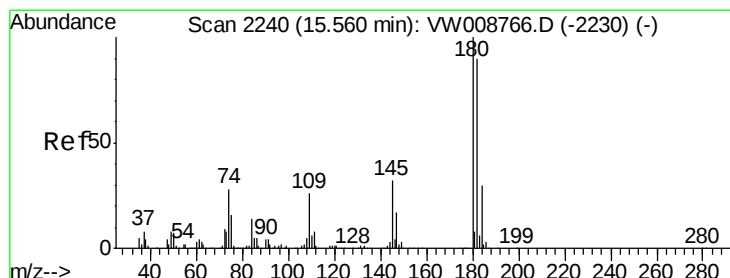
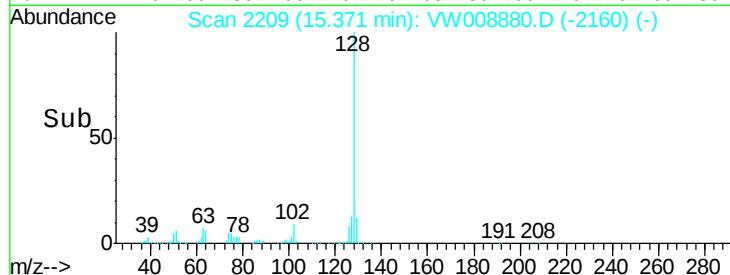
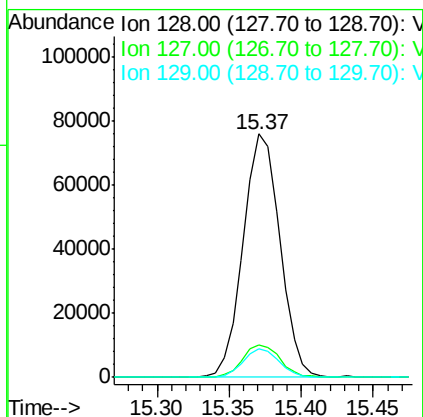
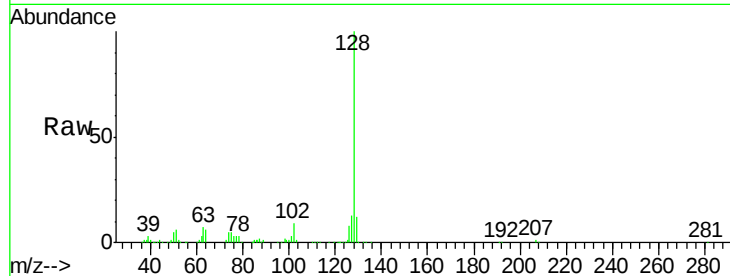
#95
Naphthalene
Concen: 16.182 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW008880.D
Acq: 28 Feb 2019 11:58

Instrument :
MSVOA_W
ClientSampleId :
VW0228SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.8	16.2
129	11.5	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 18.454 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW008880.D
Acq: 28 Feb 2019 11:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	46.9	140.8
145	31.6	15.9	47.6

