

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012519\
 Data File : VW008408.D
 Acq On : 25 Jan 2019 13:55
 Operator : SY/VA
 Sample : VW0125SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0125SBS01

Manual Integrations
 APPROVED

MMDadoda
 1/28/2019 12:45:52 PM

Quant Time: Jan 28 02:05:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 25 11:07:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	519862	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	799562	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	714446	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	371501	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	253088	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	
35) Dibromofluoromethane	7.88	113	239266	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	
50) Toluene-d8	10.32	98	953760	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	
62) 4-Bromofluorobenzene	12.62	95	354750	49.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	47539	18.047	ug/l	98
3) Chloromethane	2.21	50	70581	16.633	ug/l	95
4) Vinyl Chloride	2.36	62	97028	17.962	ug/l	98
5) Bromomethane	2.78	94	68144	19.558	ug/l	98
6) Chloroethane	2.92	64	60548	18.328	ug/l	99
7) Trichlorofluoromethane	3.26	101	73966	18.980	ug/l	96
8) Diethyl Ether	3.67	74	49129	18.950	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	86539	18.405	ug/l	98
10) Methyl Iodide	4.26	142	138155	18.602	ug/l	99
11) Tert butyl alcohol	5.17	59	41073	99.889	ug/l	95
12) 1,1-Dichloroethene	4.03	96	85924	18.057	ug/l	94
13) Acrolein	3.89	56	41367	116.303	ug/l	99
14) Allyl chloride	4.66	41	156299	17.298	ug/l	99
15) Acrylonitrile	5.36	53	104748	93.568	ug/l	97
16) Acetone	4.12	43	107125	93.405	ug/l	98
17) Carbon Disulfide	4.37	76	267369	17.593	ug/l	97
18) Methyl Acetate	4.67	43	54162	17.706	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	150203	19.078	ug/l	100
20) Methylene Chloride	4.90	84	97860	18.513	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	96743	18.084	ug/l	96
22) Diisopropyl ether	6.31	45	296213	17.297	ug/l	94
23) Vinyl Acetate	6.25	43	902900	89.291	ug/l	100
24) 1,1-Dichloroethane	6.21	63	173034	17.851	ug/l	98
25) 2-Butanone	7.17	43	148967	93.513	ug/l	98
26) 2,2-Dichloropropane	7.16	77	121756	18.583	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	106777	18.314	ug/l	98
28) Bromochloromethane	7.51	49	81207	18.240	ug/l	97
29) Tetrahydrofuran	7.53	42	91095	90.239	ug/l	97
30) Chloroform	7.67	83	169922	17.822	ug/l	97
31) Cyclohexane	7.95	56	174709	17.431	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	150585	18.286	ug/l	98
36) 1,1-Dichloropropene	8.08	75	140710	18.630	ug/l	98
37) Ethyl Acetate	7.25	43	65595	19.630	ug/l	96
38) Carbon Tetrachloride	8.07	117	147779	19.444	ug/l	97

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 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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Manual Integrations
 APPROVED

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Quant Time: Jan 28 02:05:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 25 11:07:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	183705	18.515	ug/l	99
40) Benzene	8.32	78	387458	18.487	ug/l	100
41) Methacrylonitrile	7.48	41	37906	19.158	ug/l	99
42) 1,2-Dichloroethane	8.40	62	112379	18.503	ug/l	99
43) Isopropyl Acetate	8.42	43	130930	18.860	ug/l	98
44) Trichloroethene	9.09	130	108894	19.107	ug/l	98
45) 1,2-Dichloropropane	9.37	63	96872	18.538	ug/l	95
46) Dibromomethane	9.46	93	50231	18.689	ug/l	97
47) Bromodichloromethane	9.65	83	130425	18.346	ug/l	98
48) Methyl methacrylate	9.44	41	61465	18.107	ug/l	97
49) 1,4-Dioxane	9.45	88	16026	352.756	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	320571	93.470	ug/l	99
52) Toluene	10.38	92	250169	18.083	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	141122	18.656	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	160065	18.646	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	70576	18.931	ug/l	98
56) Ethyl methacrylate	10.65	69	97743	18.711	ug/l	97
57) 1,3-Dichloropropane	10.93	76	124847	18.693	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	244537	96.347	ug/l	98
59) 2-Hexanone	10.97	43	234964	97.045	ug/l	98
60) Dibromochloromethane	11.13	129	91977	19.199	ug/l	97
61) 1,2-Dibromoethane	11.23	107	70267	19.009	ug/l	98
64) Tetrachloroethene	10.86	164	89181	18.436	ug/l	95
65) Chlorobenzene	11.66	112	270356	18.537	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	98917	18.957	ug/l	100
67) Ethyl Benzene	11.73	91	491664	18.340	ug/l	97
68) m/p-Xylenes	11.84	106	381902	36.716	ug/l	97
69) o-Xylene	12.16	106	182603	18.476	ug/l	97
70) Styrene	12.18	104	296615	18.170	ug/l	98
71) Bromoform	12.35	173	55294	18.834	ug/l #	100
73) Isopropylbenzene	12.46	105	497589	17.966	ug/l	99
74) N-amyl acetate	12.27	43	129866	18.201	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	82389	18.790	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	59930m	18.555	ug/l	
77) Bromobenzene	12.75	156	112871	18.661	ug/l	97
78) n-propylbenzene	12.80	91	592518	17.812	ug/l	99
79) 2-Chlorotoluene	12.90	91	335833	17.891	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	415086	17.931	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	30066	18.385	ug/l	97
82) 4-Chlorotoluene	12.99	91	351248	17.575	ug/l	98
83) tert-Butylbenzene	13.21	119	366955	17.813	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	424728	18.051	ug/l	100
85) sec-Butylbenzene	13.38	105	528508	17.964	ug/l	98
86) p-Isopropyltoluene	13.50	119	471423	18.293	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	221988	18.173	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	225827	18.602	ug/l	100
89) n-Butylbenzene	13.83	91	452736	17.893	ug/l	99
90) Hexachloroethane	14.10	117	91212	18.099	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	199435	18.451	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	15549	18.689	ug/l	97

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ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VW0125SBSD01

Manual Integrations
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Quant Time: Jan 28 02:05:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 25 11:07:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	148456	19.247	ug/l	98
94) Hexachlorobutadiene	15.24	225	85845	18.468	ug/l	100
95) Naphthalene	15.37	128	259971	19.196	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	125500	19.181	ug/l	99

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

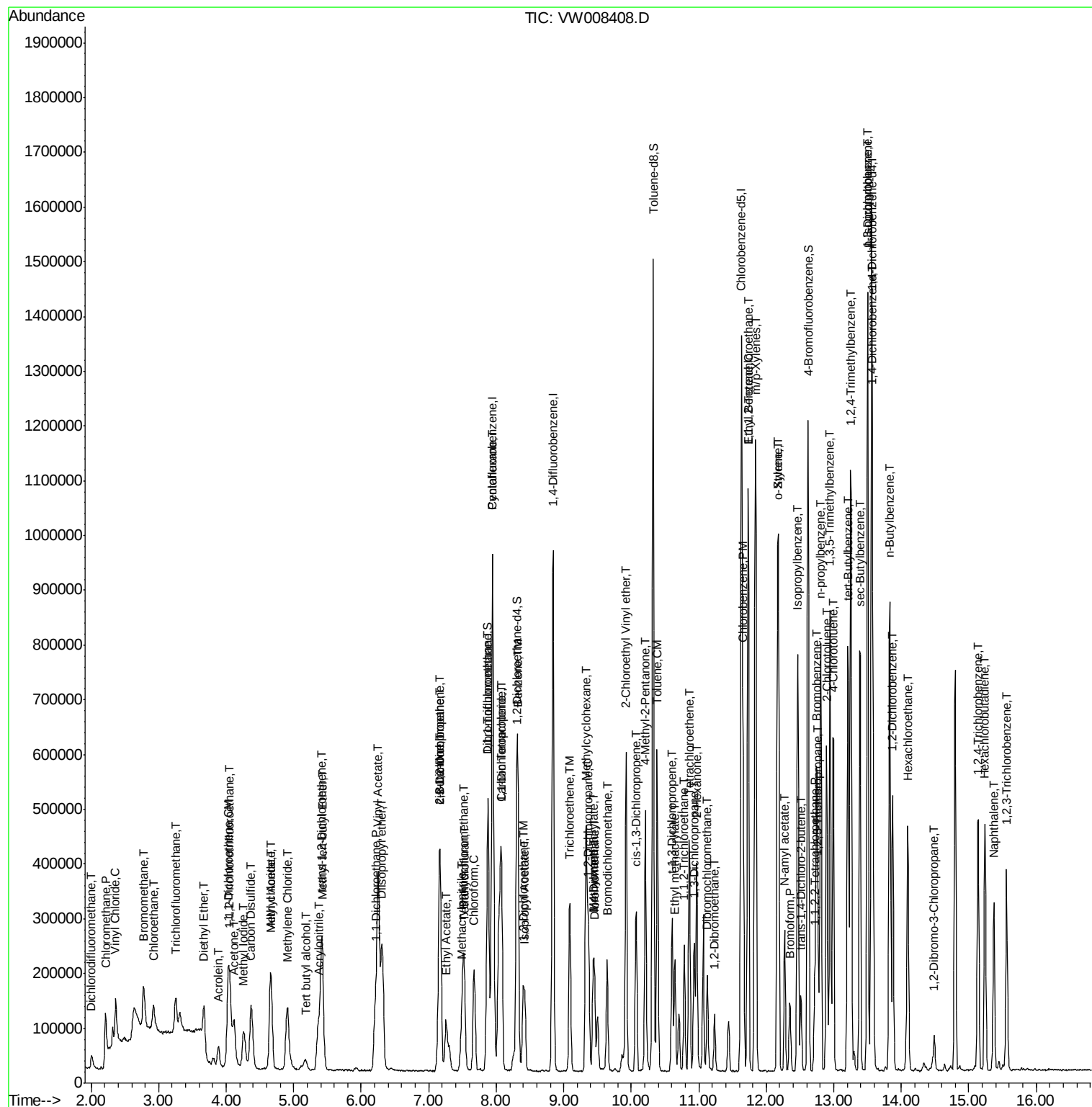
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 Data File : VW008408.D
 Acq On : 25 Jan 2019 13:55
 Operator : SY/VA
 Sample : VW0125SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

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 Quant Title : SW846 8260
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 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008408.D

Acq: 25 Jan 2019 13:55

Instrument :

MSVOA_W

ClientSampleId :

VW0125SBSD01

Tot Ion:168 Resp: 519862

Ion Ratio Lower Upper

168 100

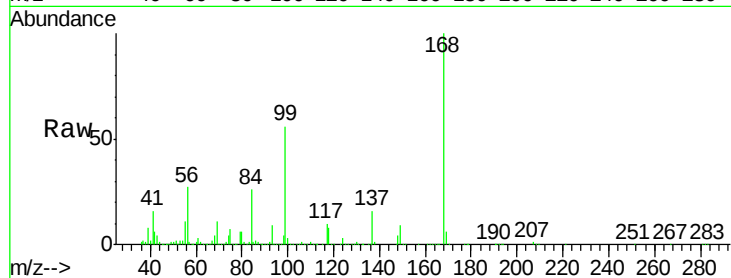
99 55.7 45.5 68.3

Manual Integrations

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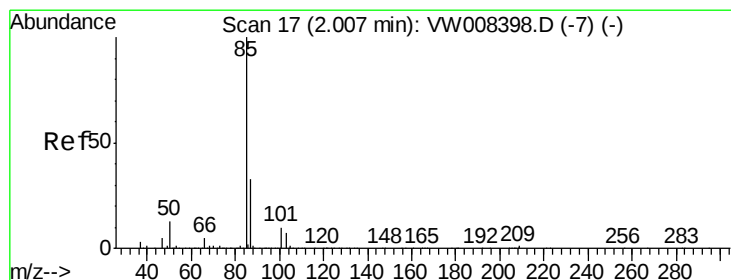
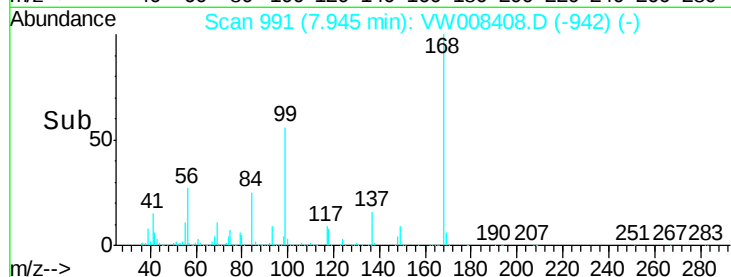
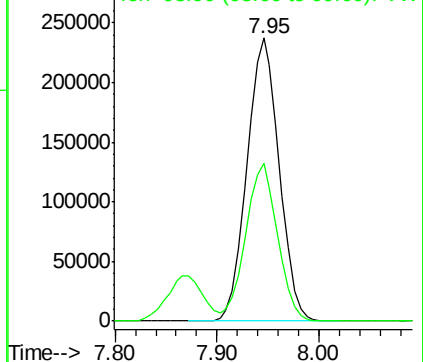
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 18.047 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW008408.D

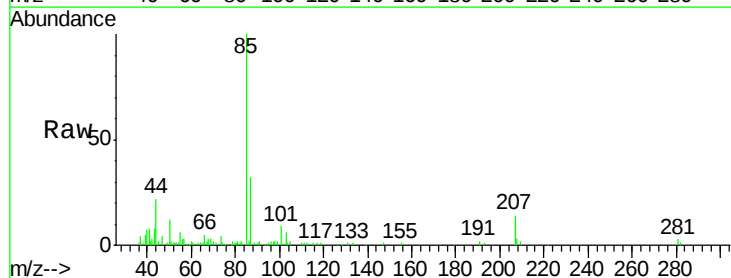
Acq: 25 Jan 2019 13:55

Tgt Ion: 85 Resp: 47539

Ion Ratio Lower Upper

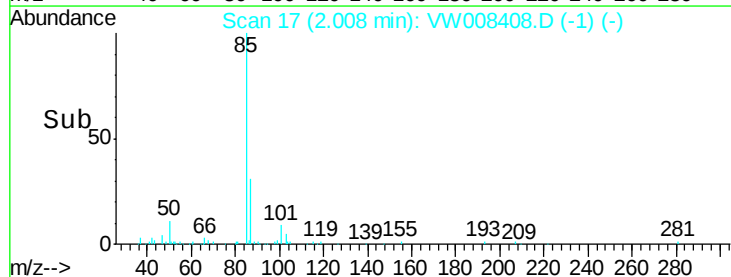
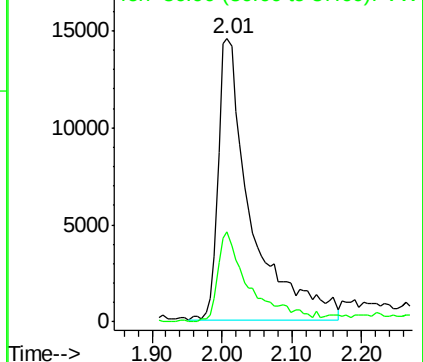
85 100

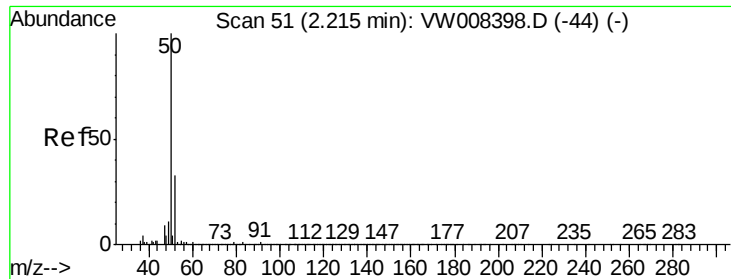
87 32.0 16.7 50.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 16.633 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW008408.D

Acq: 25 Jan 2019 13:55

Instrument :

MSVOA_W

ClientSampleId :

VW0125SBSD01

Tot Ion: 50 Resp: 70581

Ion Ratio Lower Upper

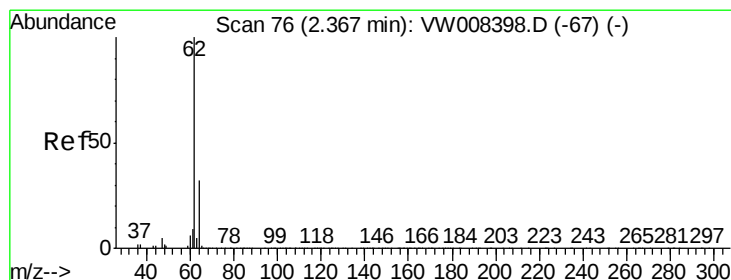
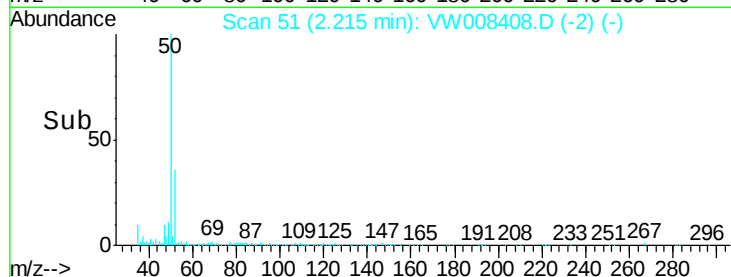
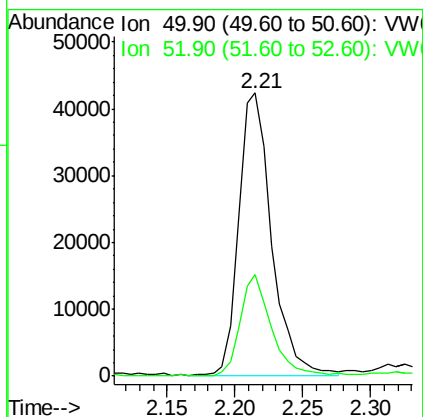
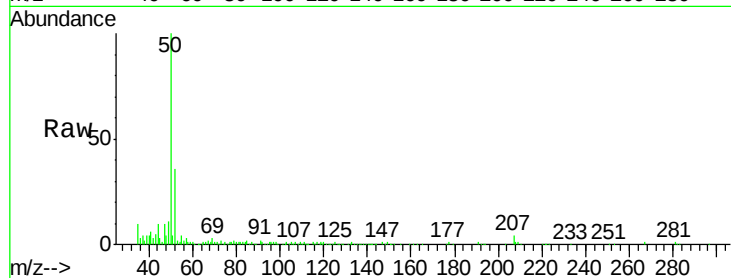
50 100

52 35.8 26.3 39.5

Manual Integrations
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#4

Vinyl Chloride

Concen: 17.962 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW008408.D

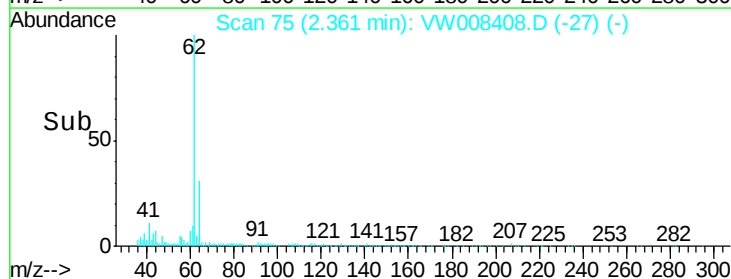
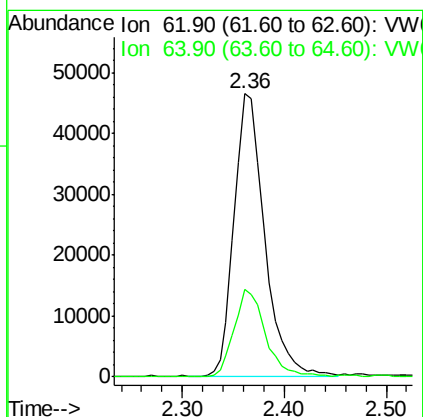
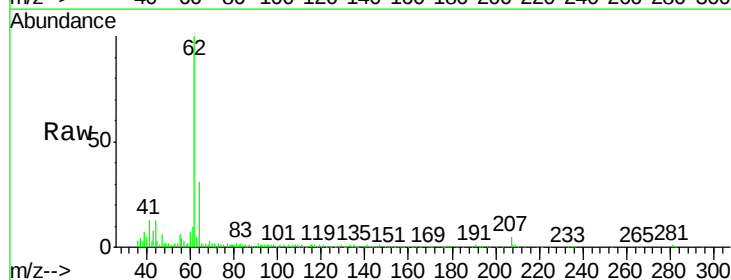
Acq: 25 Jan 2019 13:55

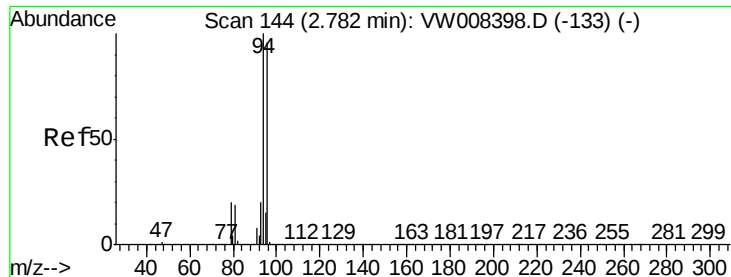
Tgt Ion: 62 Resp: 97028

Ion Ratio Lower Upper

62 100

64 31.0 25.5 38.3





#5

Bromomethane

Concen: 19.558 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW008408.D

Acq: 25 Jan 2019 13:55

Instrument :

MSVOA_W

ClientSampleId :

VW0125SBS01

Tot Ion: 94 Resp: 68144

Ion Ratio Lower Upper

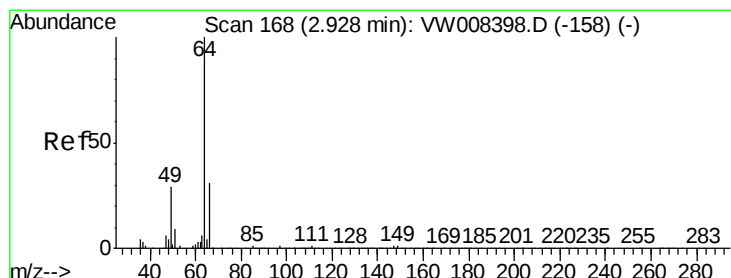
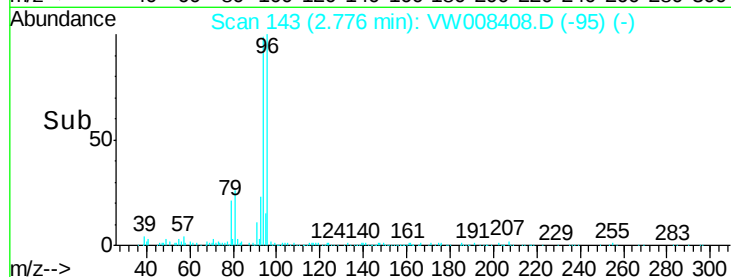
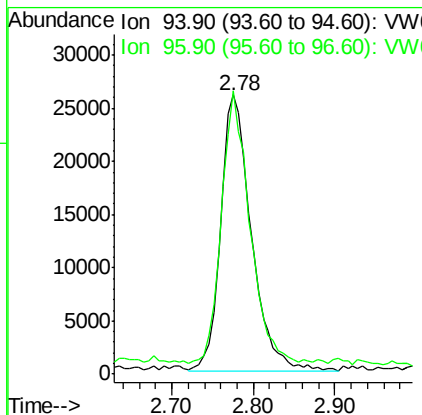
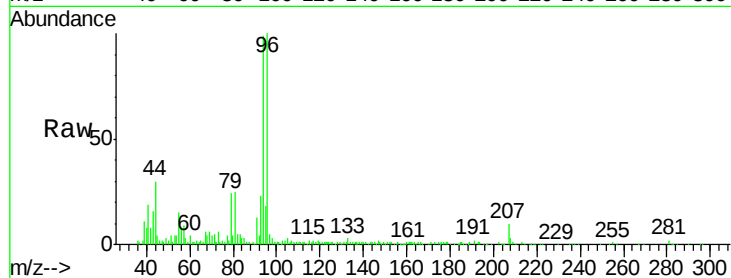
94 100

96 98.4 77.2 115.8

Manual Integrations
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#6

Chloroethane

Concen: 18.328 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW008408.D

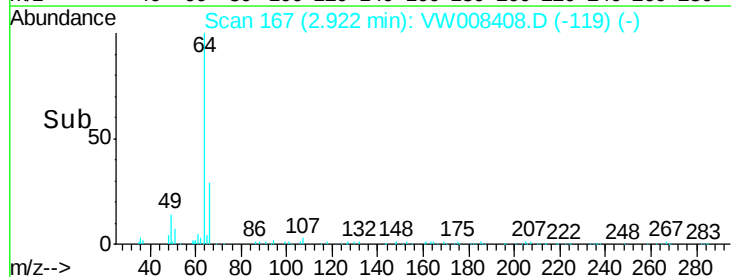
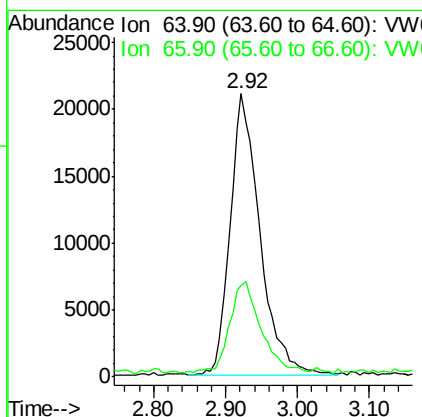
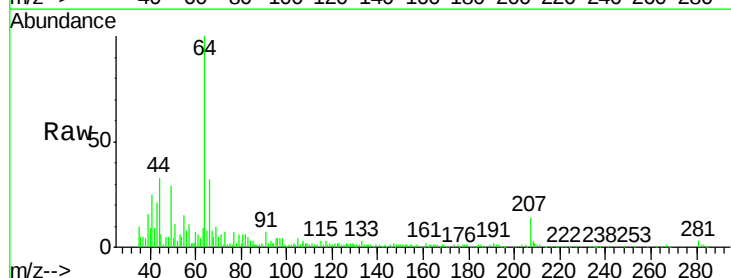
Acq: 25 Jan 2019 13:55

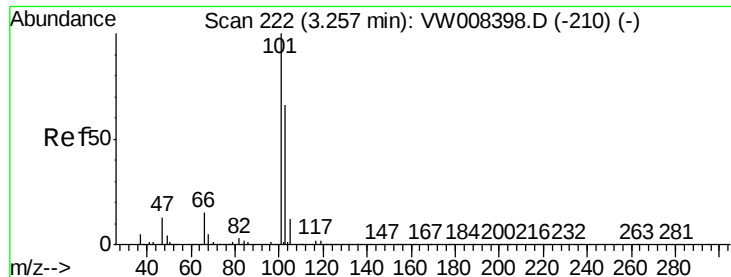
Tgt Ion: 64 Resp: 60548

Ion Ratio Lower Upper

64 100

66 30.5 24.9 37.3





#7

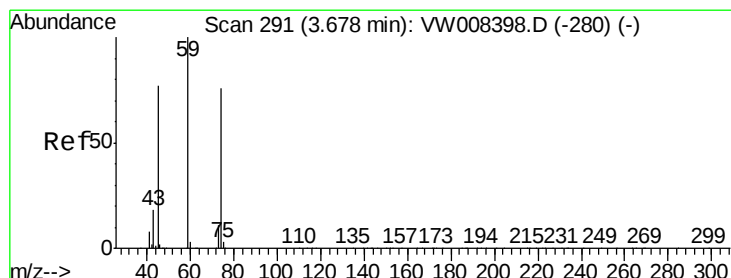
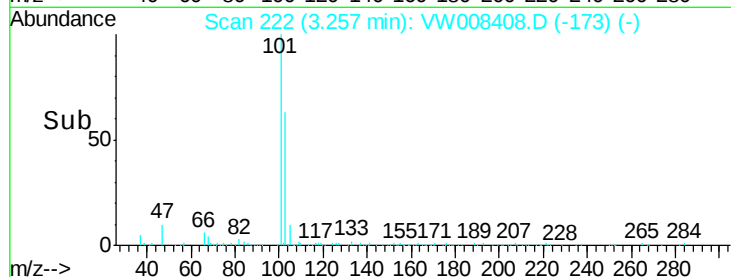
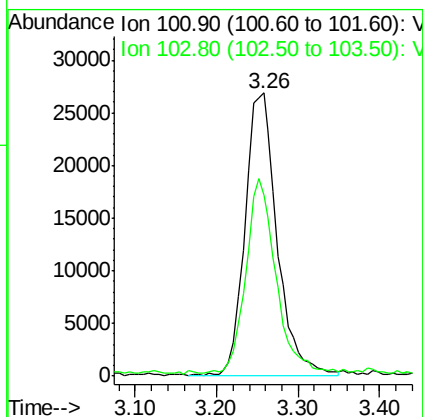
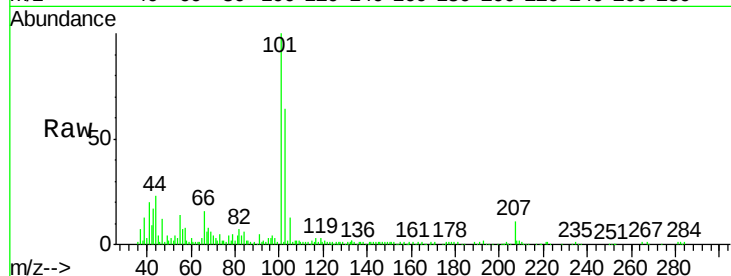
Trichlorofluoromethane
Concen: 18.980 ug/l
RT: 3.26 min Scan# 222
Delta R.T. 0.00 min
Lab File: VW008408.D
Acq: 25 Jan 2019 13:55

Instrument :
MSVOA_W
ClientSampleId :
VW0125SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.5	52.5	78.7

Manual Integrations
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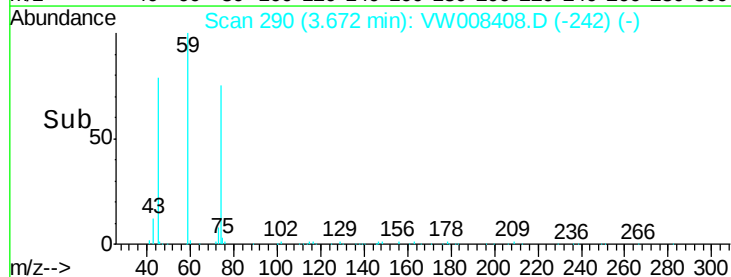
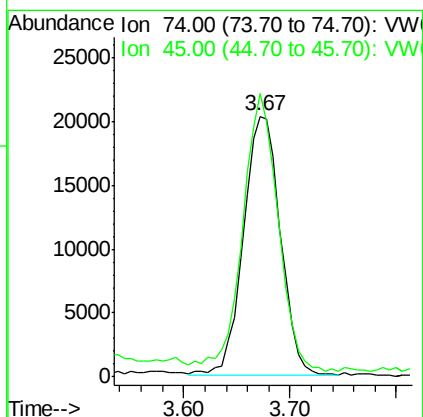
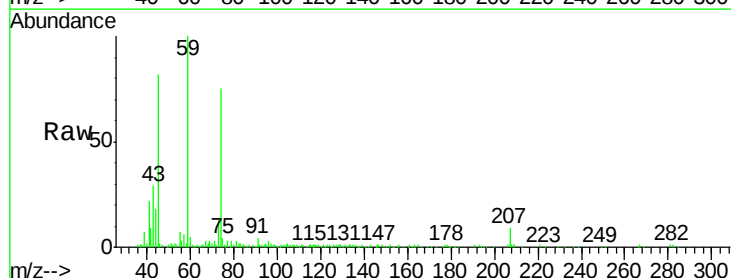
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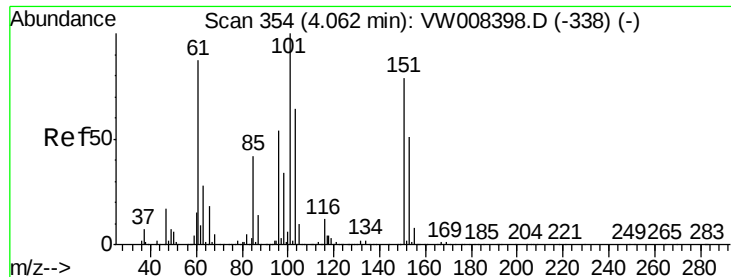


#8

Diethyl Ether
Concen: 18.950 ug/l
RT: 3.67 min Scan# 290
Delta R.T. -0.01 min
Lab File: VW008408.D
Acq: 25 Jan 2019 13:55

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.7	51.7	155.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.405 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW008408.D

Acq: 25 Jan 2019 13:55

Instrument :

MSVOA_W

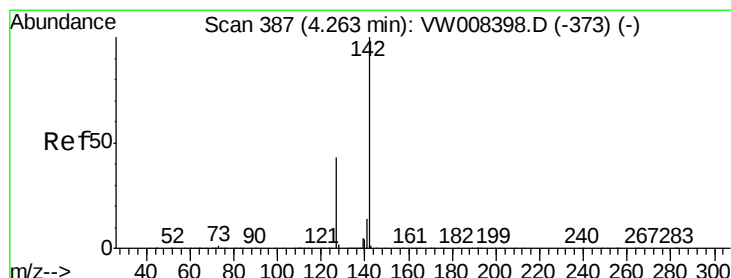
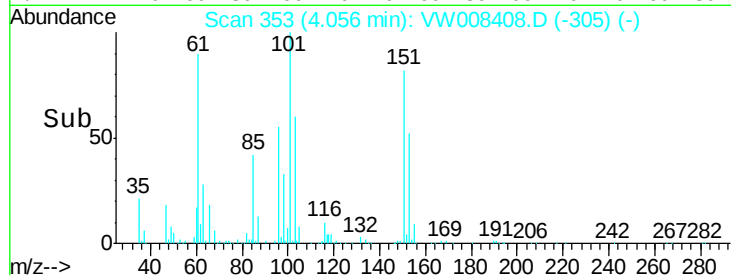
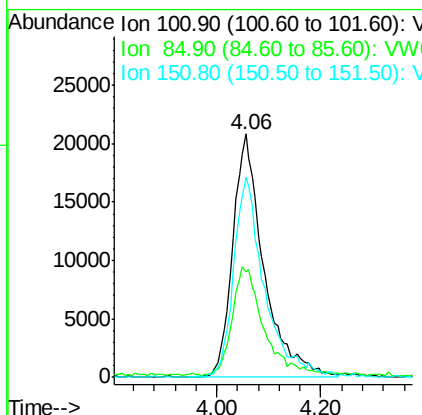
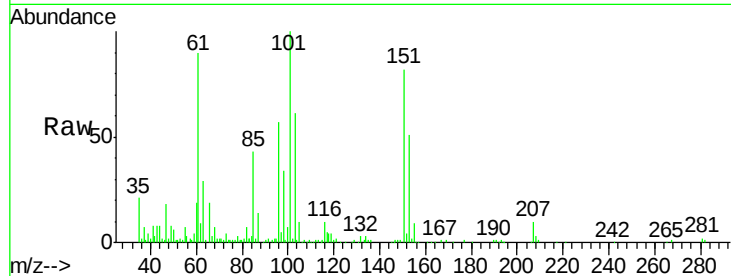
ClientSampleId :

VW0125SBSD01

Tot Ion:	101	Resp:	86539
Ion Ratio	Lower	Upper	
101	100		
85	43.5	35.0	52.4
151	81.3	62.6	94.0

Manual Integrations
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MMDadoda
1/28/2019 12:45:52 PM



#10

Methyl Iodide

Concen: 18.602 ug/l

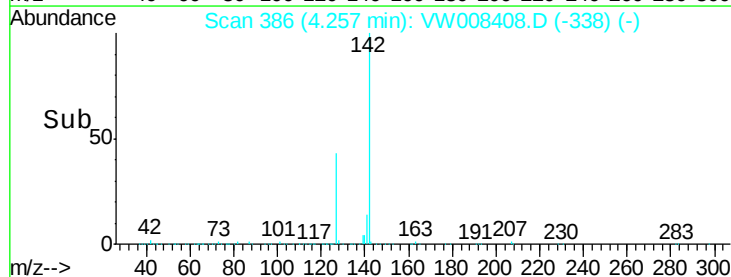
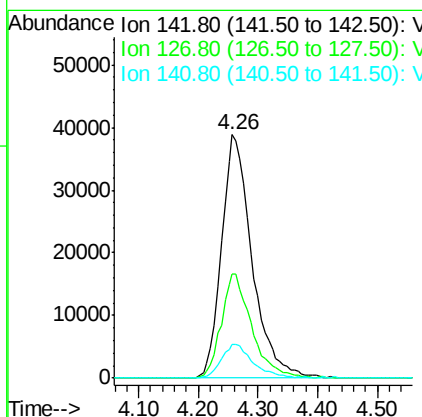
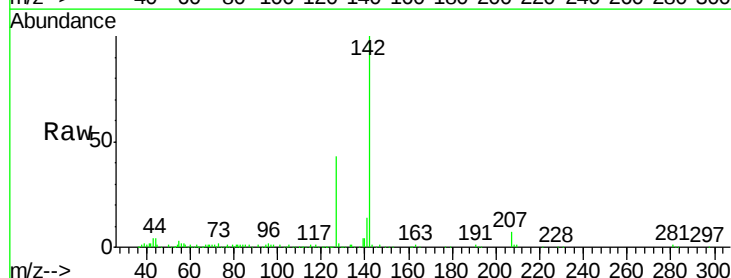
RT: 4.26 min Scan# 386

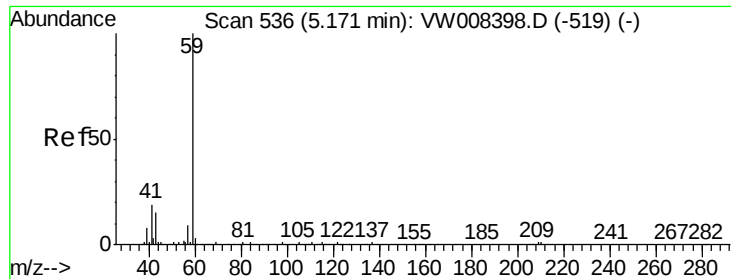
Delta R.T. -0.01 min

Lab File: VW008408.D

Acq: 25 Jan 2019 13:55

Tgt Ion:	142	Resp:	138155
Ion Ratio	Lower	Upper	
142	100		
127	42.7	34.6	52.0
141	14.6	11.4	17.2





#11

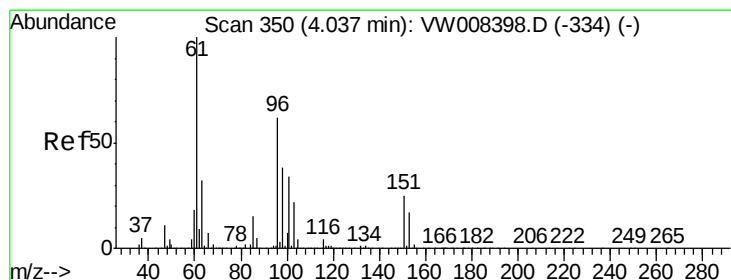
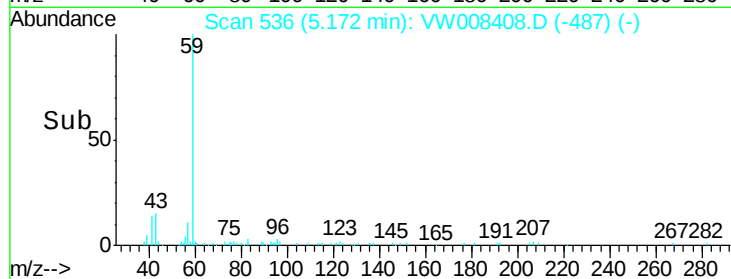
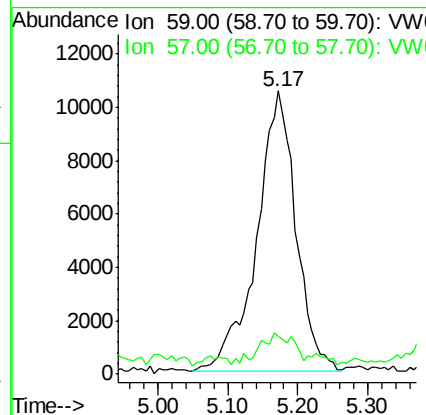
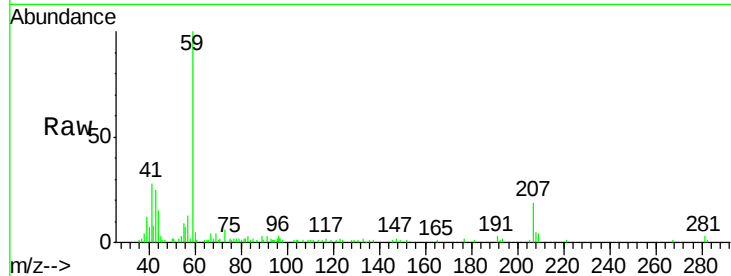
Tert butyl alcohol
Concen: 99.889 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.00 min
Lab File: VW008408.D
Acq: 25 Jan 2019 13:55

Instrument :
MSVOA_W
ClientSampleId :
VW0125SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.6	9.3	13.9

Manual Integrations
APPROVED

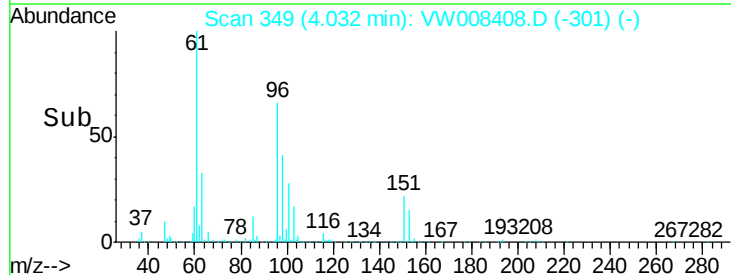
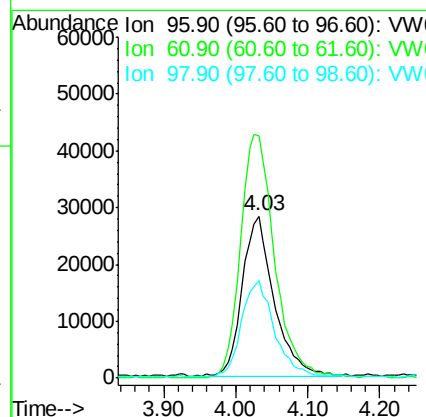
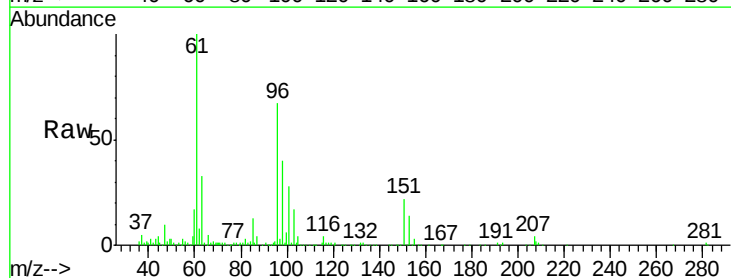
MMDadoda
1/28/2019 12:45:52 PM

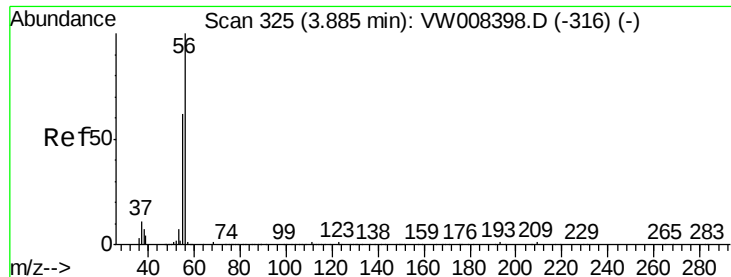


#12

1,1-Dichloroethene
Concen: 18.057 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW008408.D
Acq: 25 Jan 2019 13:55

Tgt Ion	Ratio	Lower	Upper
96	100		
61	151.6	129.5	194.3
98	60.2	48.6	73.0





#13

Acrolein

Concen: 116.303 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.01 min

Lab File: VW008408.D

Acq: 25 Jan 2019 13:55

Instrument :

MSVOA_W

ClientSampleId :

VW0125SBS01

Tot Ion: 56 Resp: 41367

Ion Ratio Lower Upper

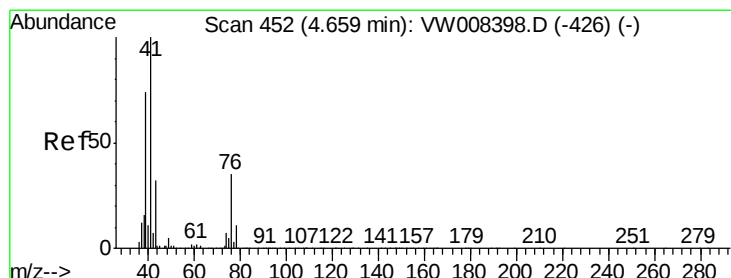
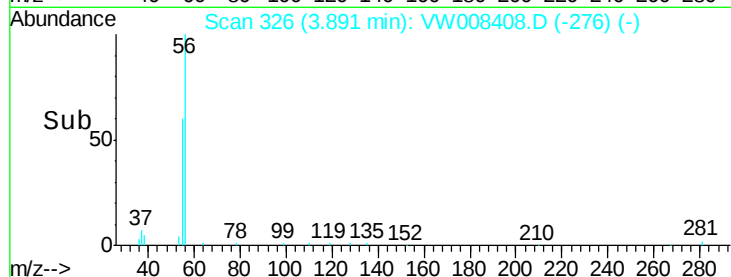
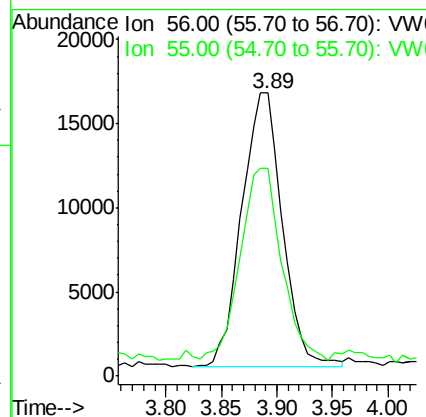
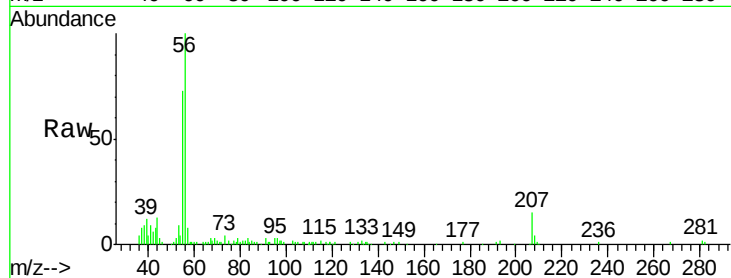
56 100

55 71.5 56.7 85.1

Manual Integrations
APPROVED

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1/28/2019 12:45:52 PM



#14

Allyl chloride

Concen: 17.298 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW008408.D

Acq: 25 Jan 2019 13:55

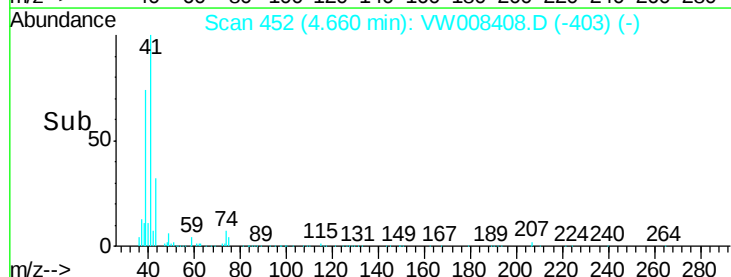
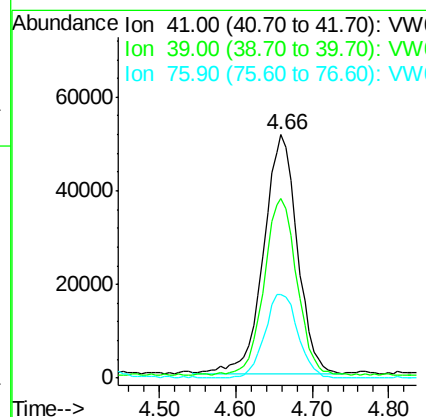
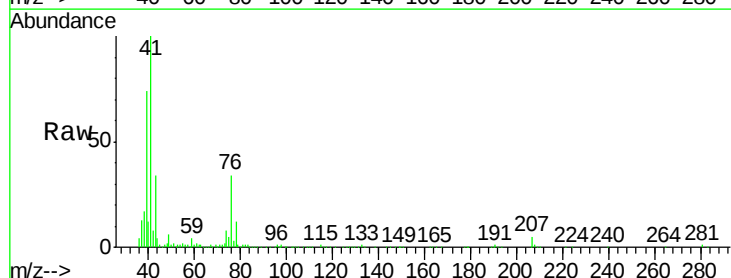
Tgt Ion: 41 Resp: 156299

Ion Ratio Lower Upper

41 100

39 71.5 57.7 86.5

76 34.8 26.9 40.3





#15

Acrylonitrile

Concen: 93.568 ug/l

RT: 5.36 min Scan# 567

Delta R.T. 0.00 min

Lab File: VW008408.D

Acq: 25 Jan 2019 13:55

Instrument :

MSVOA_W

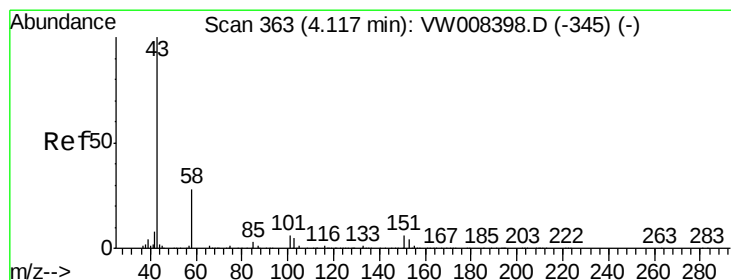
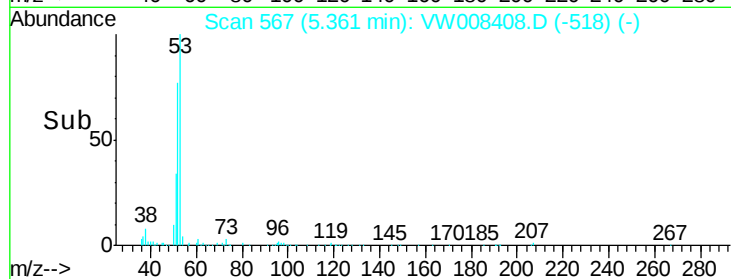
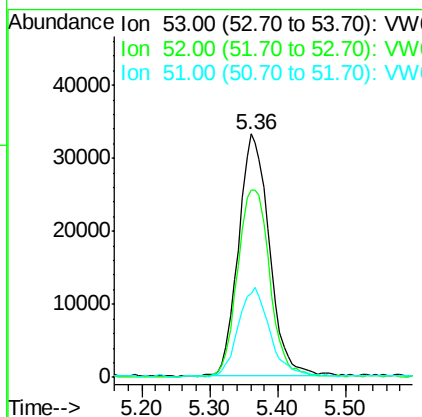
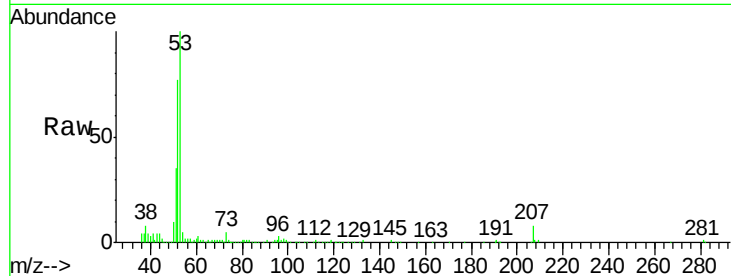
ClientSampleId :

VW0125SBS01

Tot Ion:	53	Resp:	104748
Ion Ratio	Lower	Upper	
53	100		
52	80.5	67.0	100.4
51	38.0	29.8	44.8

Manual Integrations
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MMDadoda
1/28/2019 12:45:52 PM



#16

Acetone

Concen: 93.405 ug/l

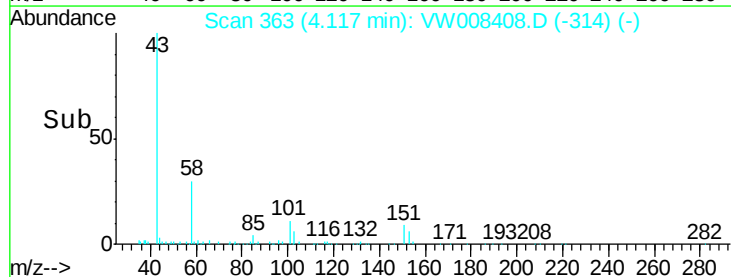
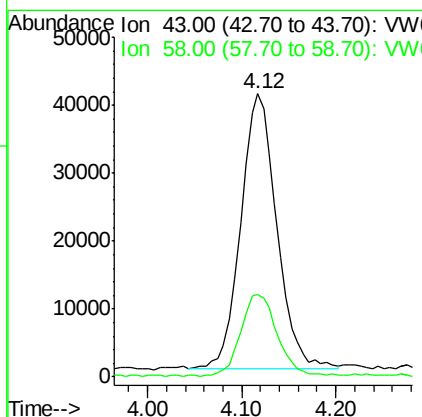
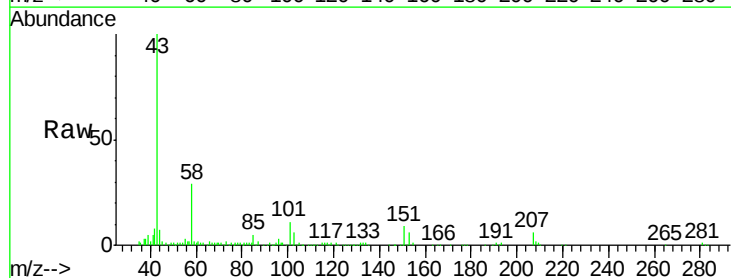
RT: 4.12 min Scan# 363

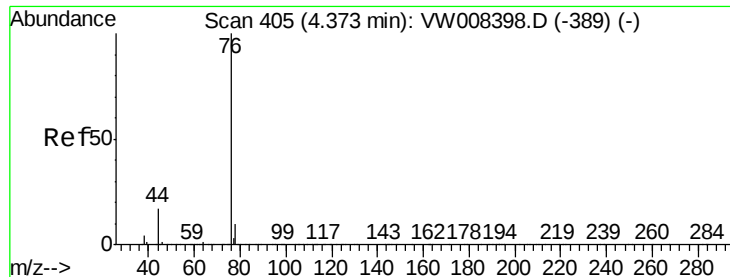
Delta R.T. 0.00 min

Lab File: VW008408.D

Acq: 25 Jan 2019 13:55

Tgt Ion:	43	Resp:	107125
Ion Ratio	Lower	Upper	
43	100		
58	29.5	22.6	34.0





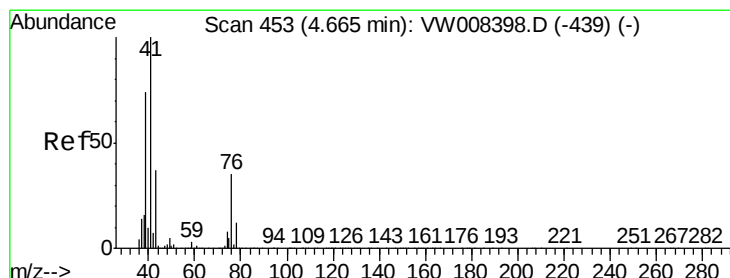
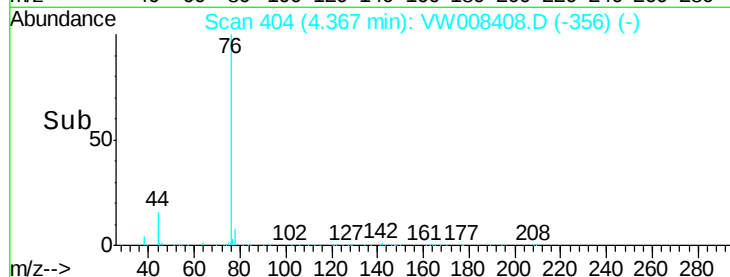
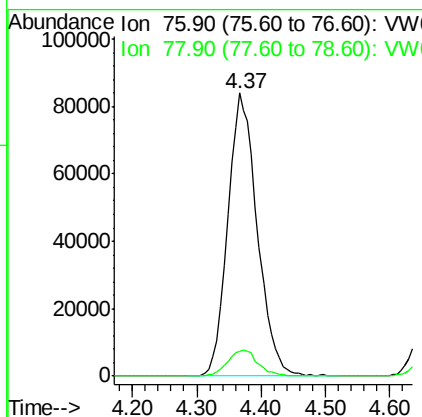
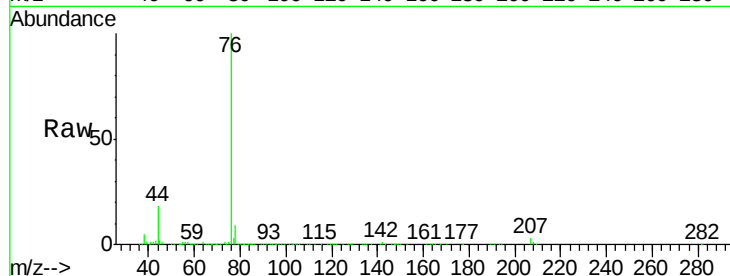
#17
Carbon Disulfide
Concen: 17.593 ug/l
RT: 4.37 min Scan# 404
Delta R.T. -0.01 min
Lab File: VW008408.D
Acq: 25 Jan 2019 13:55

Instrument :
MSVOA_W
ClientSampleId :
VW0125SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.7	11.5

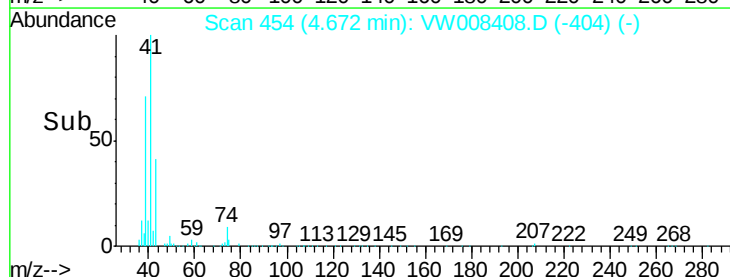
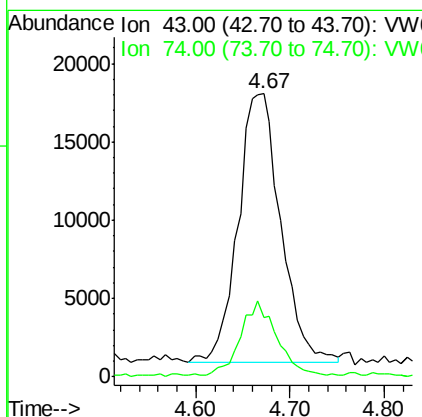
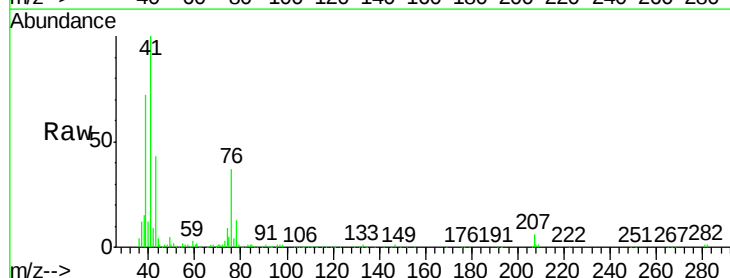
Manual Integrations
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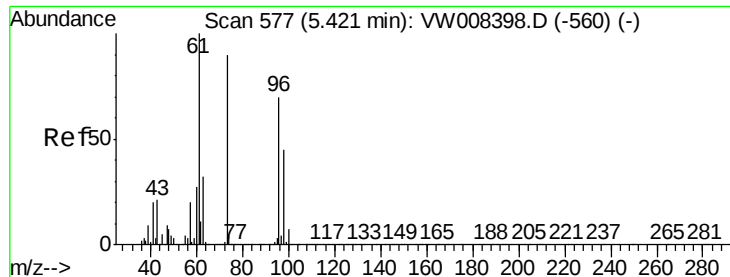
MMDadoda
1/28/2019 12:45:52 PM



#18
Methyl Acetate
Concen: 17.706 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW008408.D
Acq: 25 Jan 2019 13:55

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.9	17.5	26.3





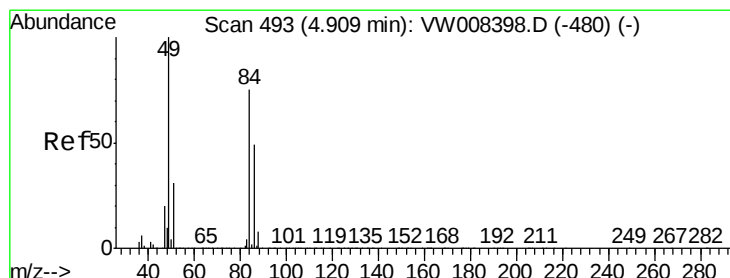
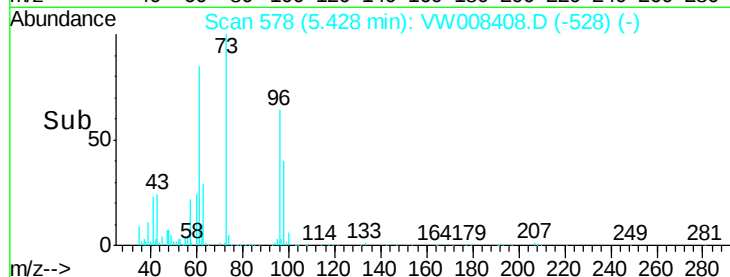
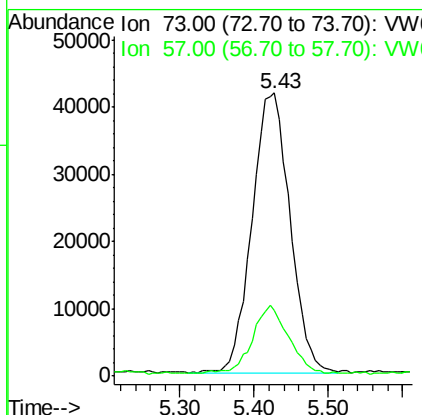
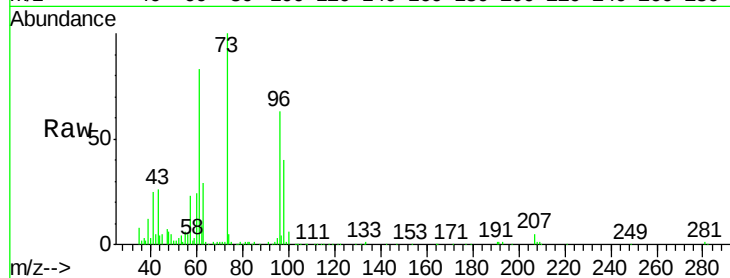
#19
Methvl tert-butvl Ether
Concen: 19.078 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.01 min
Lab File: VW008408.D
Acq: 25 Jan 2019 13:55

Instrument :
MSVOA_W
ClientSampleId :
VW0125SBS01

Tot Ion: 73 Resp: 150203
Ion Ratio Lower Upper
73 100
57 22.3 18.0 27.0

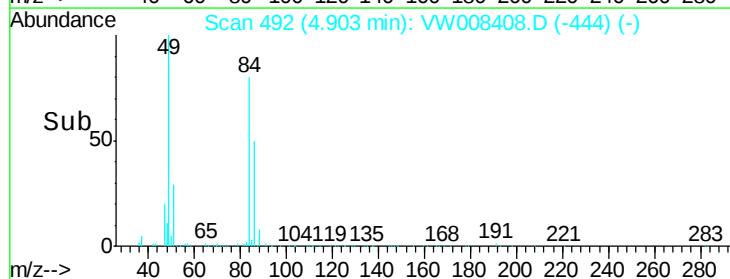
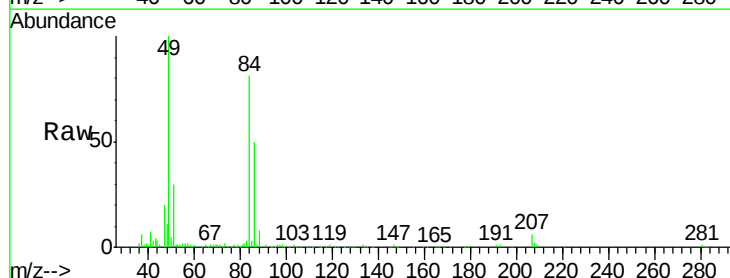
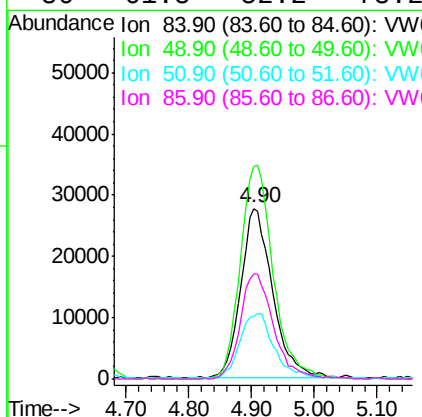
Manual Integrations
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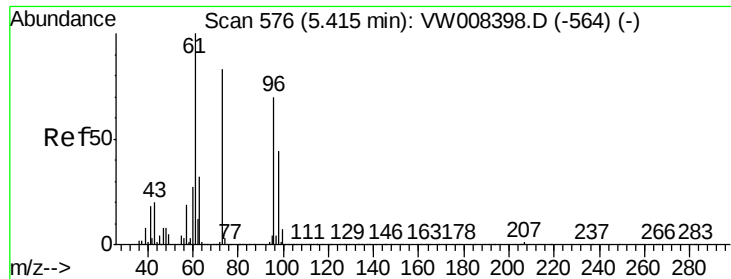
MMDadoda
1/28/2019 12:45:52 PM



#20
Methylene Chloride
Concen: 18.513 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW008408.D
Acq: 25 Jan 2019 13:55

Tgt Ion: 84 Resp: 97860
Ion Ratio Lower Upper
84 100
49 124.9 106.8 160.2
51 36.4 32.9 49.3
86 61.5 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 18.084 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW008408.D

Acq: 25 Jan 2019 13:55

Instrument :

MSVOA_W

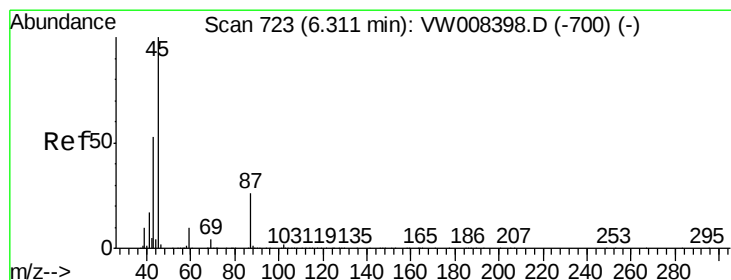
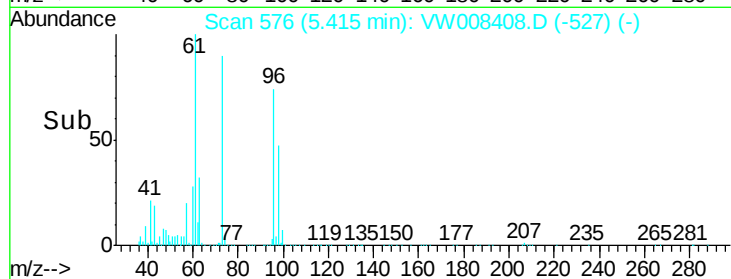
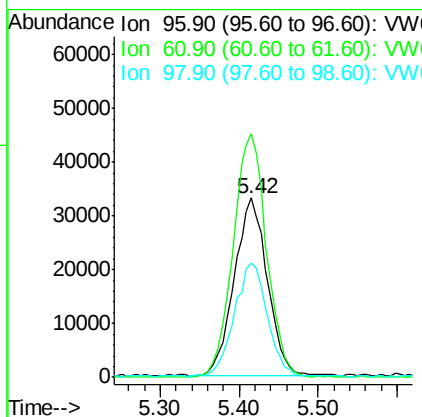
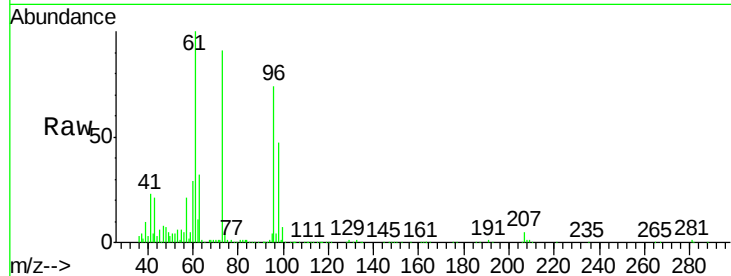
ClientSampleId :

VW0125SBS01

Tot Ion:	96	Resp:	96743
Ion	Ratio	Lower	Upper
96	100		
61	136.9	114.4	171.6
98	64.0	50.6	75.8

Manual Integrations
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MMDadoda
1/28/2019 12:45:52 PM



#22

Diisopropyl ether

Concen: 17.297 ug/l

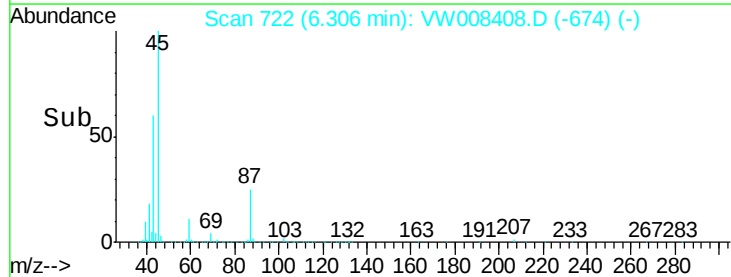
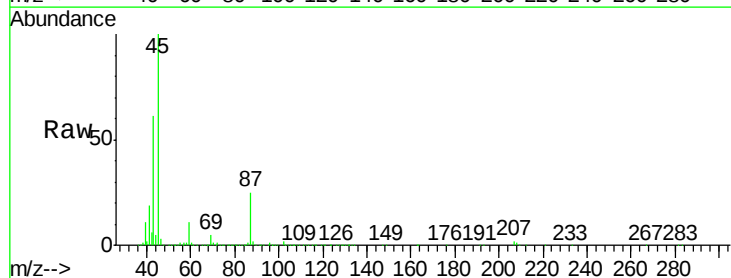
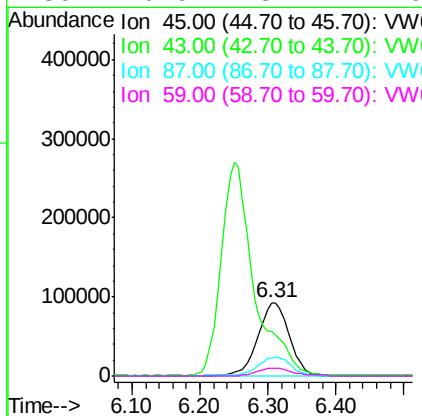
RT: 6.31 min Scan# 722

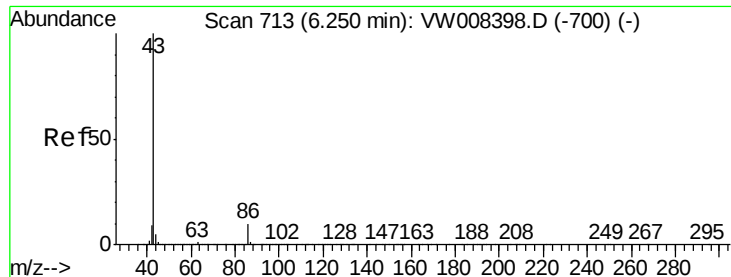
Delta R.T. -0.01 min

Lab File: VW008408.D

Acq: 25 Jan 2019 13:55

Tgt Ion:	45	Resp:	296213
Ion	Ratio	Lower	Upper
45	100		
43	60.2	42.6	63.8
87	25.3	20.3	30.5
59	10.5	8.4	12.6





#23

Vinyl Acetate

Concen: 89.291 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW008408.D

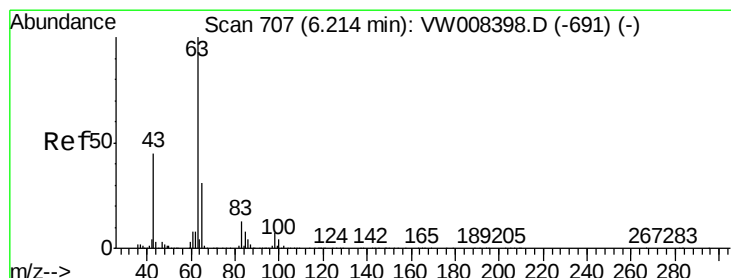
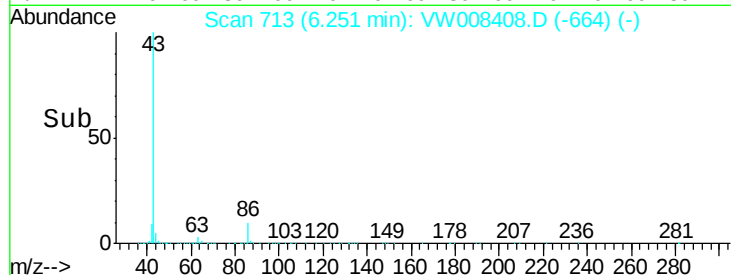
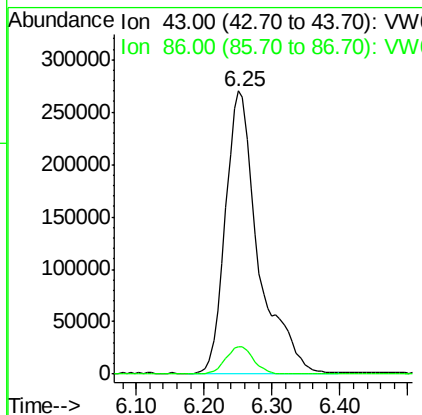
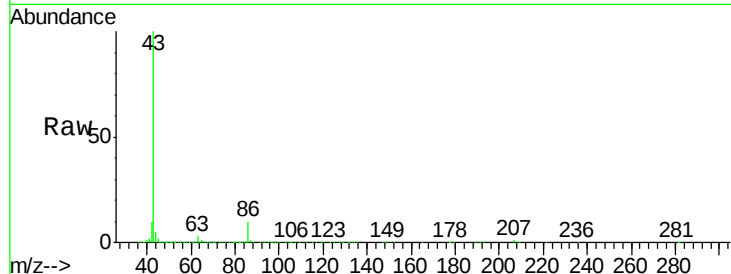
Acq: 25 Jan 2019 13:55

Tot Ion	Ratio	Resp	Lower	Upper
43	100	902900		
86	9.8		7.8	11.8

Instrument :
MSVOA_W
ClientSampleId :
VW0125BSD01

Manual Integrations
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MMDadoda
1/28/2019 12:45:52 PM



#24

1,1-Dichloroethane

Concen: 17.851 ug/l

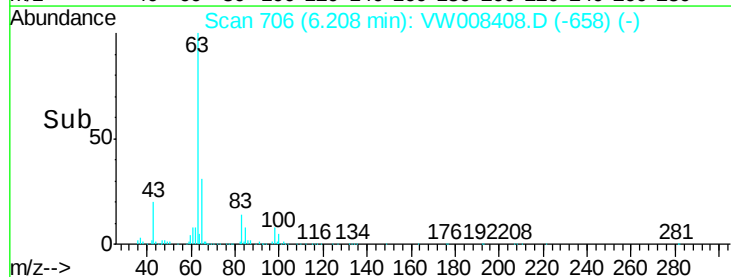
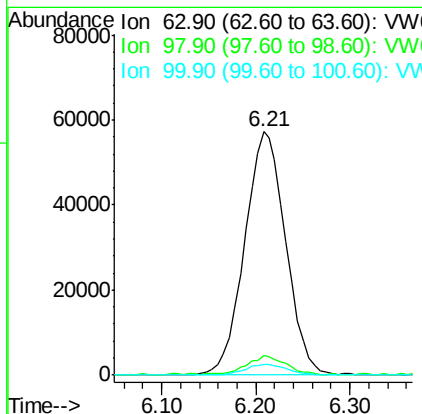
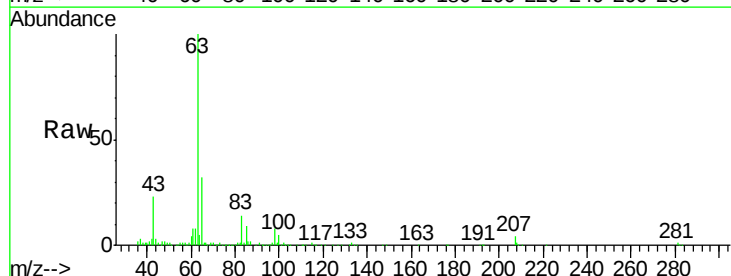
RT: 6.21 min Scan# 706

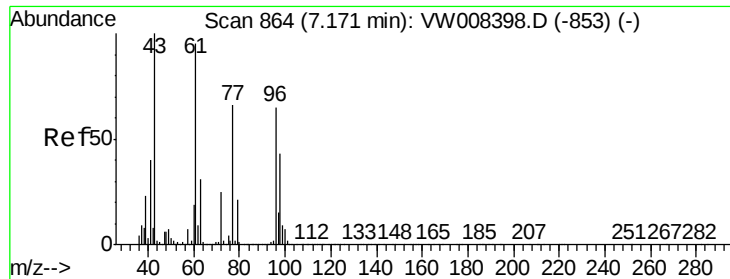
Delta R.T. -0.01 min

Lab File: VW008408.D

Acq: 25 Jan 2019 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
63	100	173034		
98	7.8		3.5	10.5
100	4.5		2.1	6.2





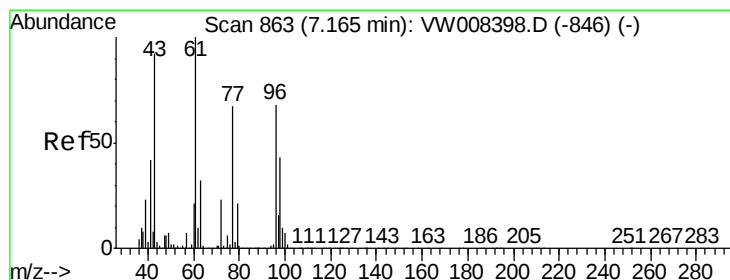
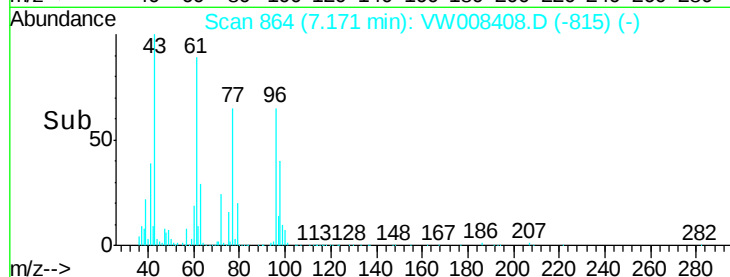
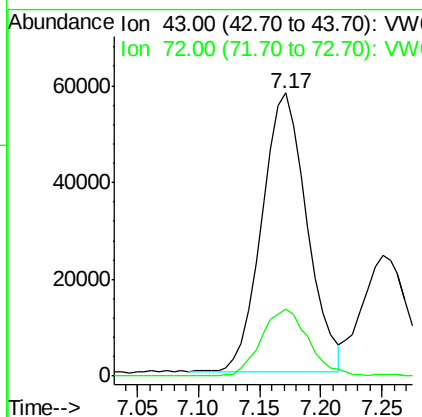
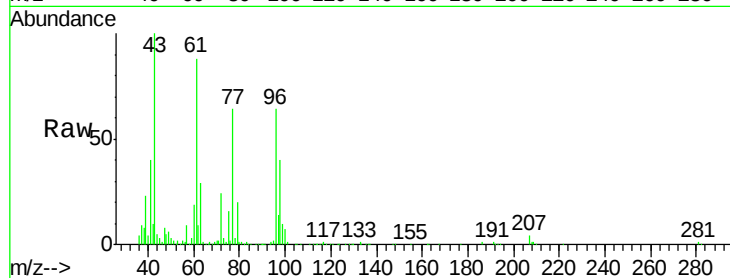
#25
2-Butanone
Concen: 93.513 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW008408.D
Acq: 25 Jan 2019 13:55

Instrument :
MSVOA_W
ClientSampleId :
VW0125SBS01

Tot Ion: 43 Resp: 148967
Ion Ratio Lower Upper
43 100
72 24.1 20.1 30.1

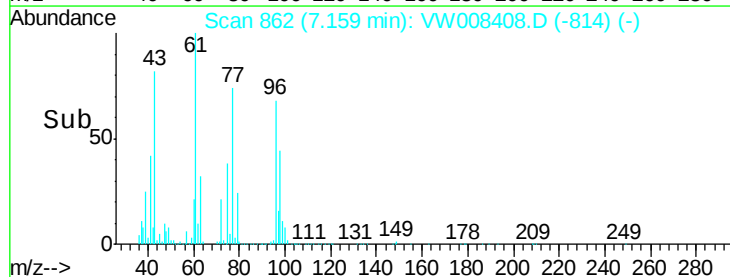
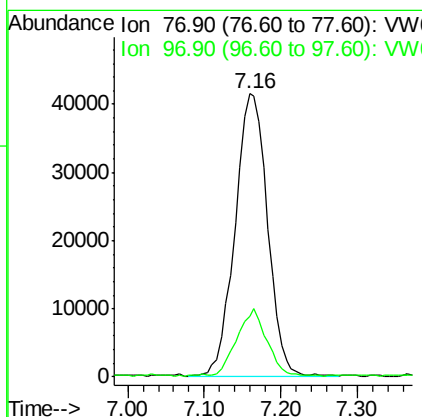
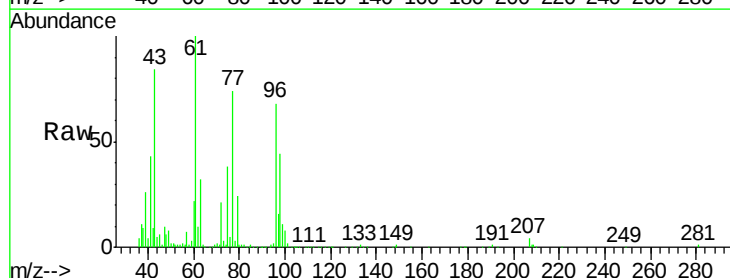
Manual Integrations
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#26
2,2-Dichloropropane
Concen: 18.583 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW008408.D
Acq: 25 Jan 2019 13:55

Tgt Ion: 77 Resp: 121756
Ion Ratio Lower Upper
77 100
97 22.1 11.5 34.5





#27

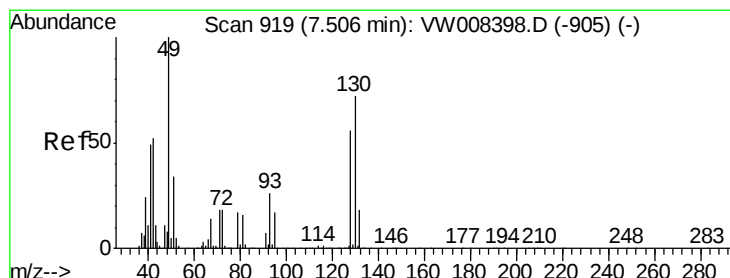
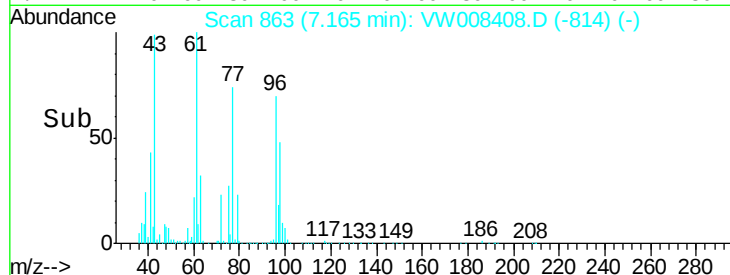
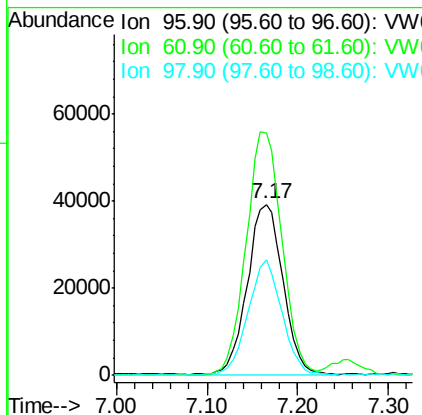
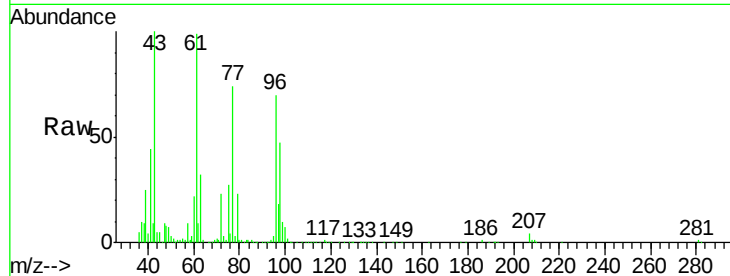
cis-1,2-Dichloroethene
Concen: 18.314 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW008408.D
Acq: 25 Jan 2019 13:55

Instrument :
MSVOA_W
ClientSampleId :
VW0125SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	106777		
61	143.2	0.0	292.8	
98	63.3	0.0	129.2	

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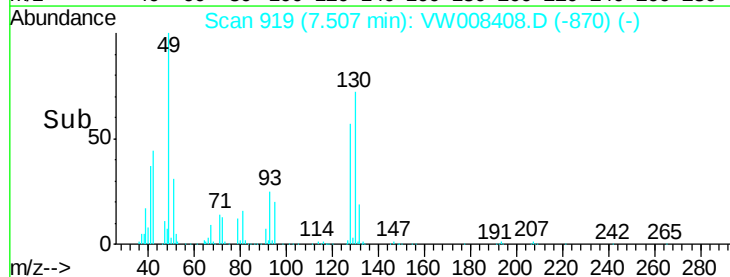
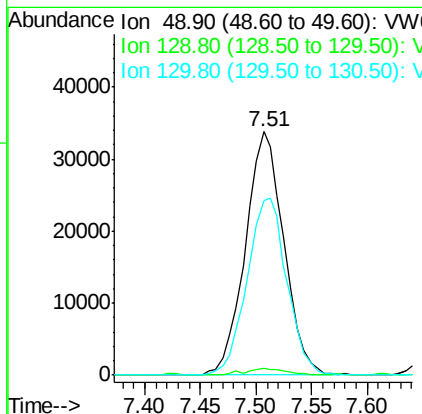
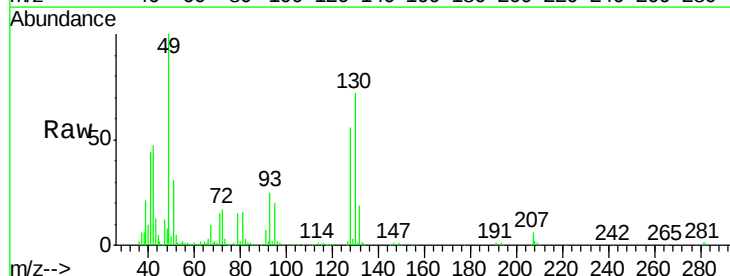
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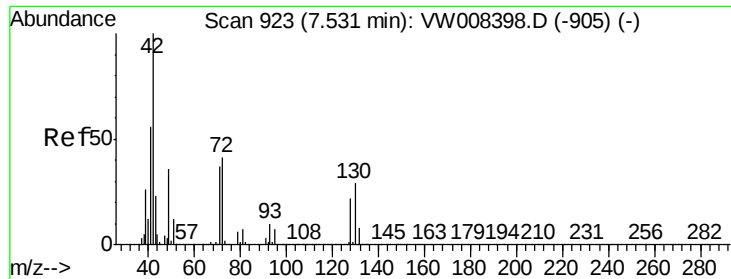


#28

Bromochloromethane
Concen: 18.240 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW008408.D
Acq: 25 Jan 2019 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	81207		
129	3.0	0.0	4.6	
130	75.4	58.6	87.8	





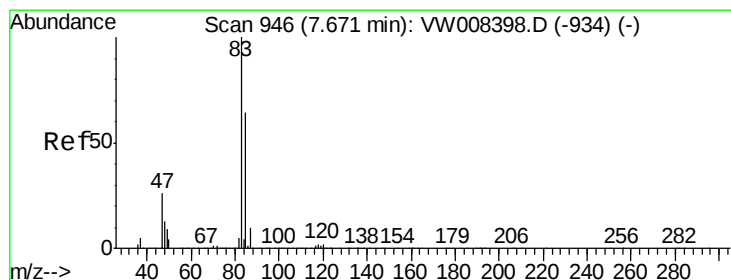
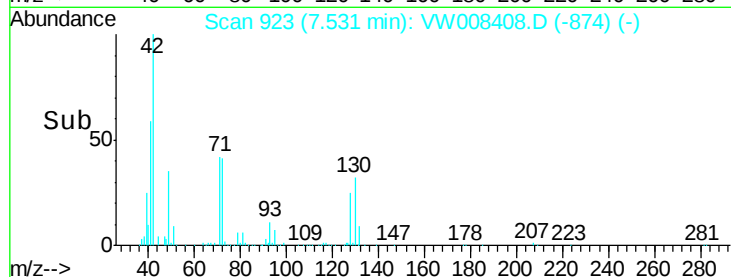
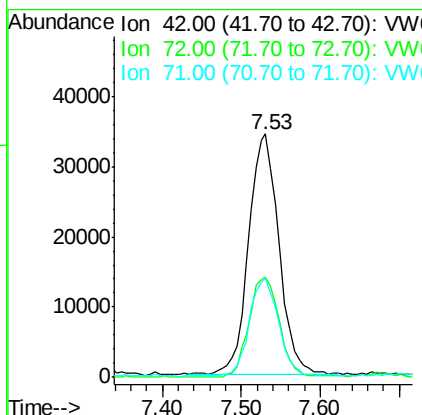
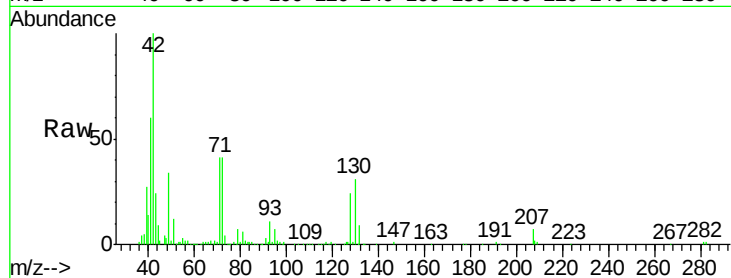
#29
Tetrahydrofuran
Concen: 90.239 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW008408.D
Acq: 25 Jan 2019 13:55

Instrument :
MSVOA_W
ClientSampleId :
VW0125SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.2	31.9	47.9
71	39.0	29.9	44.9

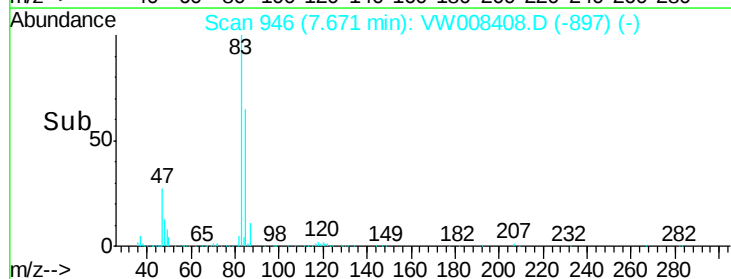
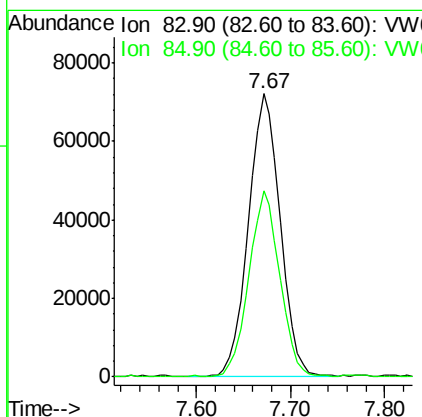
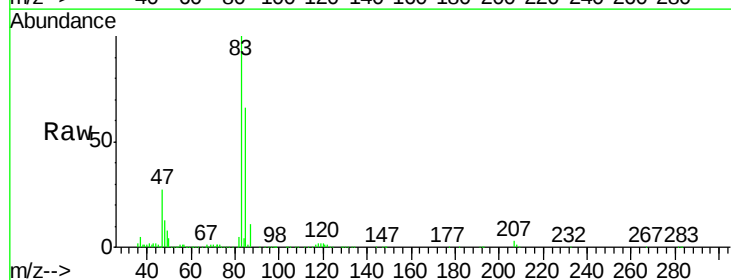
Manual Integrations
APPROVED

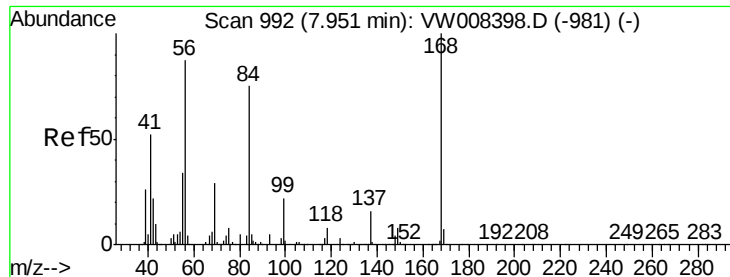
MMDadoda
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#30
Chloroform
Concen: 17.822 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW008408.D
Acq: 25 Jan 2019 13:55

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	50.9	76.3





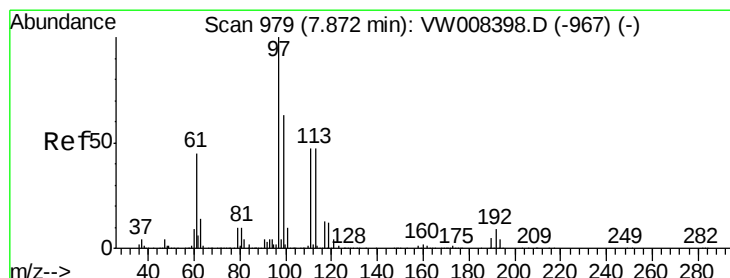
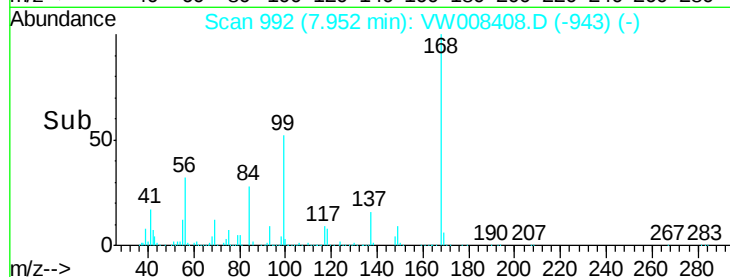
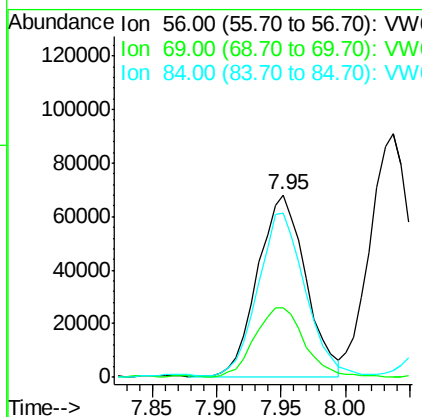
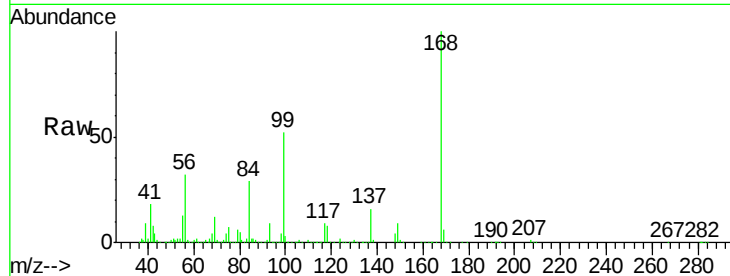
#31
Cyclohexane
Concen: 17.431 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW008408.D
Acq: 25 Jan 2019 13:55

Instrument :
MSVOA_W
ClientSampleId :
VW0125SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	37.9	26.4	39.6
84	88.9	69.1	103.7

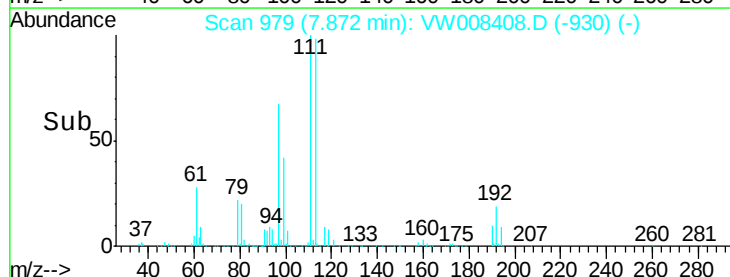
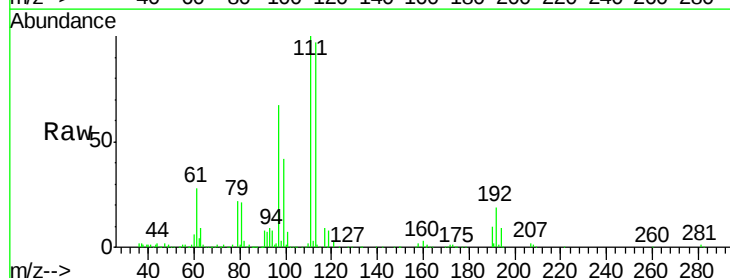
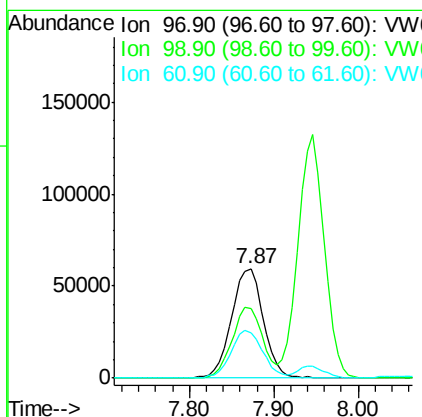
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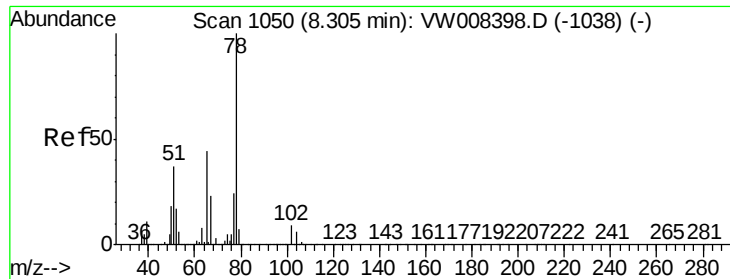
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#32
1,1,1-Trichloroethane
Concen: 18.286 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW008408.D
Acq: 25 Jan 2019 13:55

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.7	51.3	76.9
61	43.9	36.2	54.4





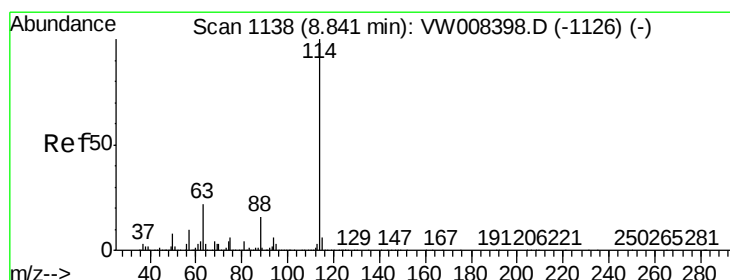
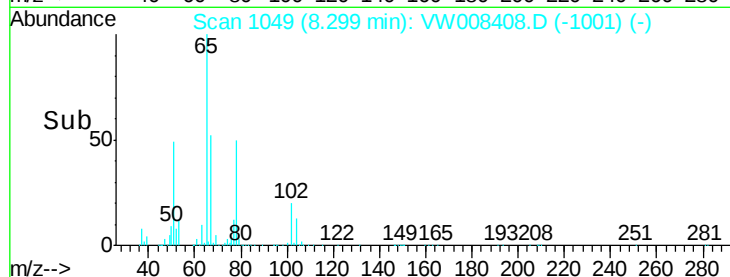
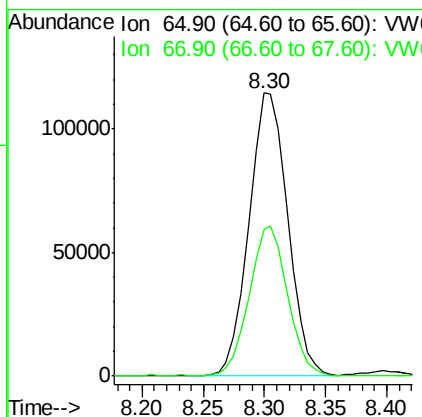
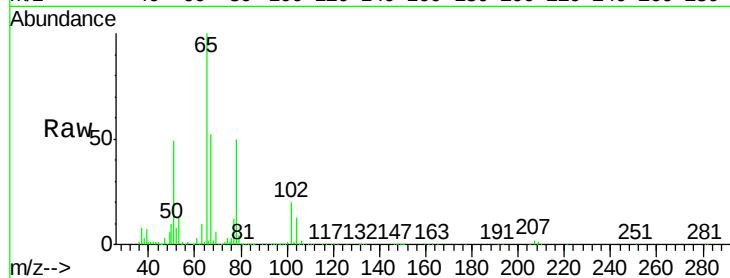
#33
 1,2-Dichloroethane-d4
 Concen: 49.556 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW008408.D
 Acq: 25 Jan 2019 13:55

Instrument :
 MSVOA_W
 ClientSampled :
 VW0125SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	51.8	0.0	104.0	

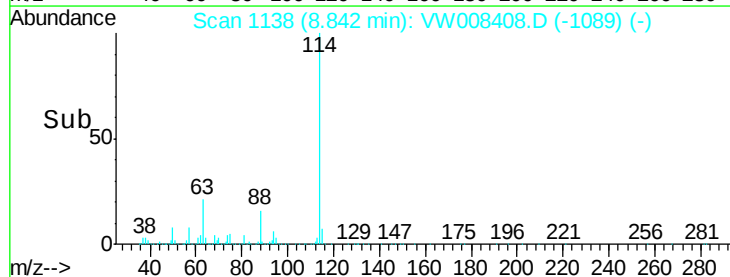
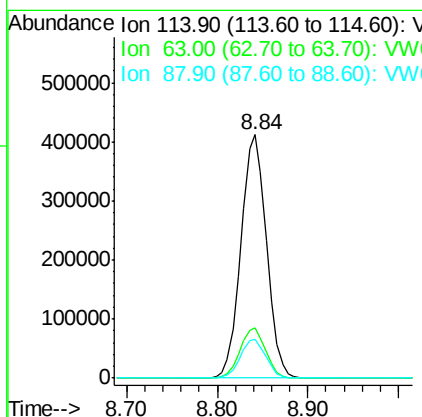
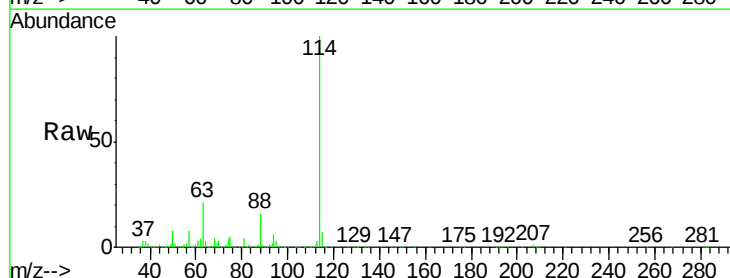
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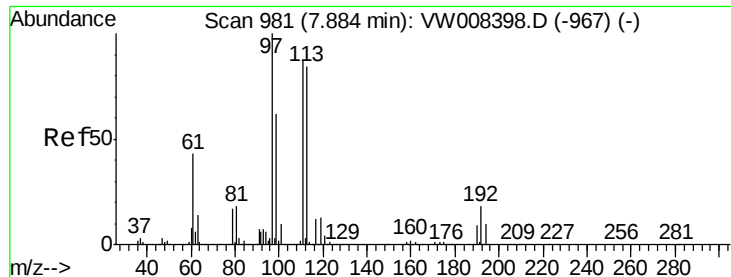
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008408.D
 Acq: 25 Jan 2019 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.6	0.0	43.6	
88	15.7	0.0	31.8	





#35

Dibromofluoromethane

Concen: 51.176 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW008408.D

Acq: 25 Jan 2019 13:55

Instrument :

MSVOA_W

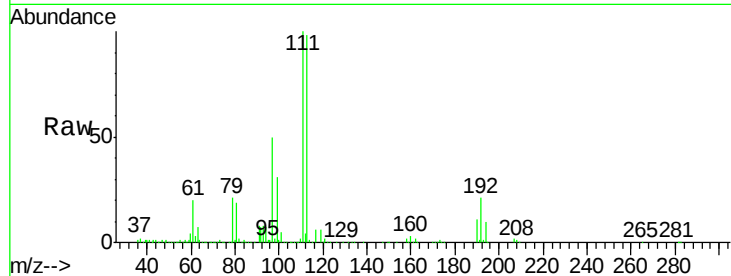
ClientSampleId :

VW0125SBSD01

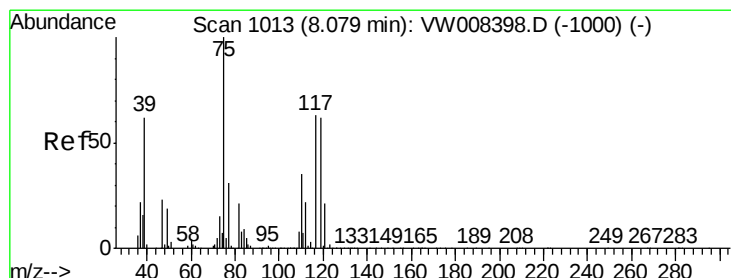
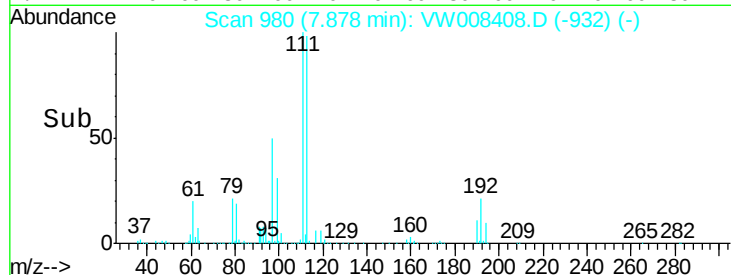
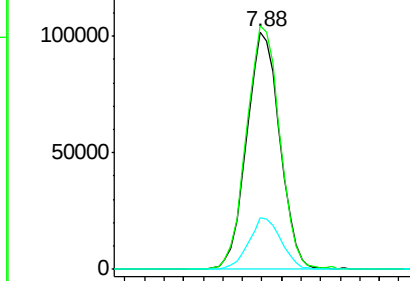
Tot Ion:	113	Resp:	239266
Ion Ratio	Lower	Upper	
113	100		
111	103.5	81.0	121.4
192	21.2	16.8	25.2

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



#36

1,1-Dichloropropene

Concen: 18.630 ug/l

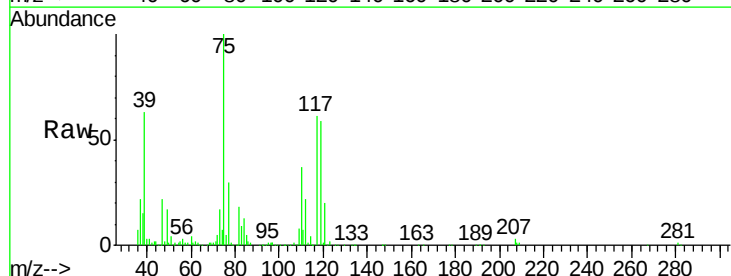
RT: 8.08 min Scan# 1013

Delta R.T. 0.00 min

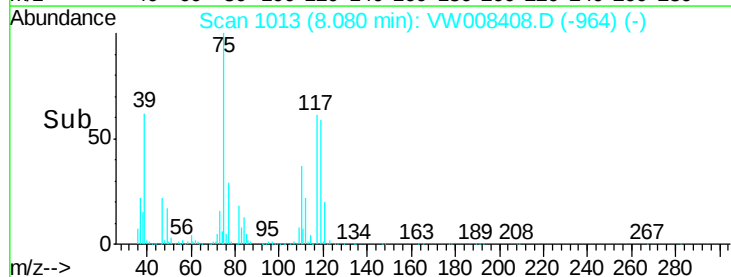
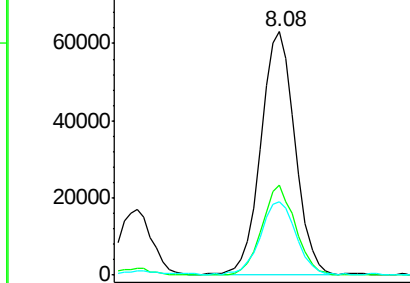
Lab File: VW008408.D

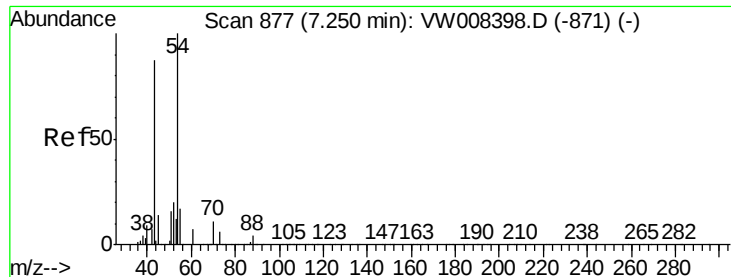
Acq: 25 Jan 2019 13:55

Tgt Ion:	75	Resp:	140710
Ion Ratio	Lower	Upper	
75	100		
110	36.4	17.3	52.0
77	31.3	24.7	37.1



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





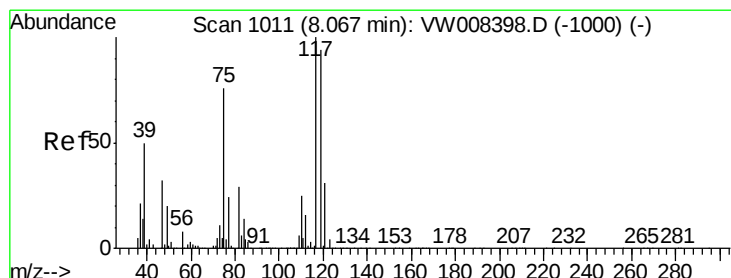
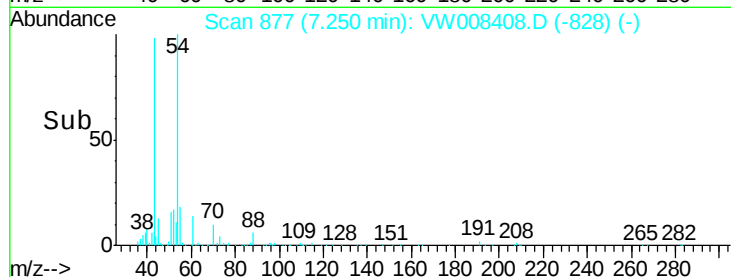
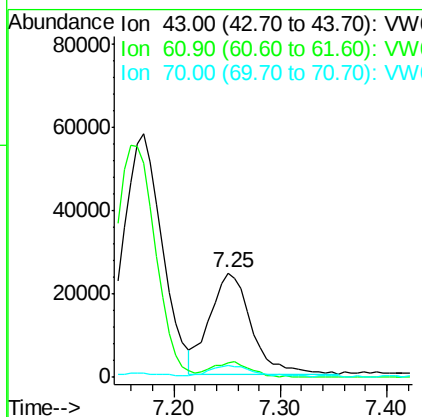
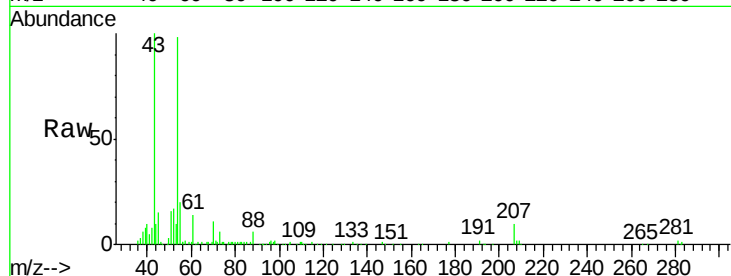
#37
Ethyl Acetate
Concen: 19.630 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW008408.D
Acq: 25 Jan 2019 13:55

Instrument :
MSVOA_W
ClientSampleId :
VW0125SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.1	15.1
70	11.4	7.8	11.6

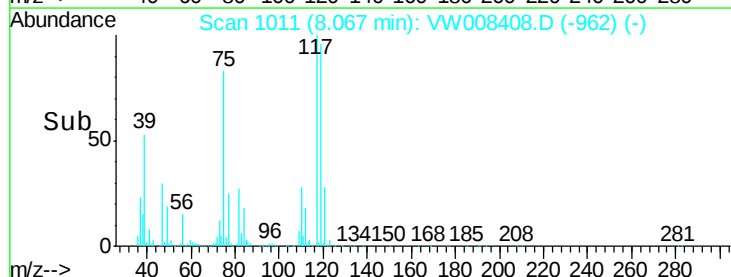
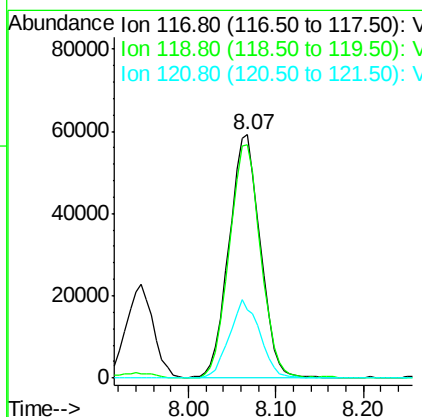
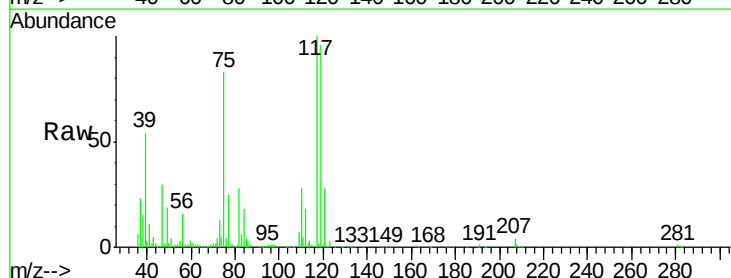
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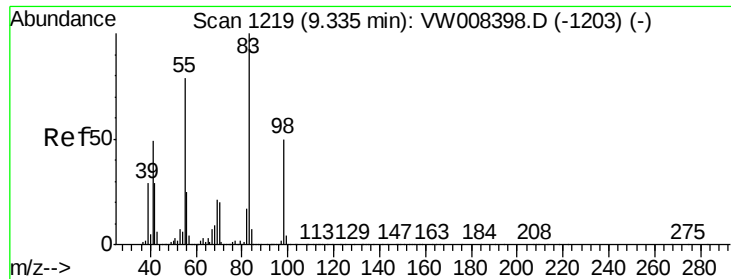
MMDadoda
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#38
Carbon Tetrachloride
Concen: 19.444 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW008408.D
Acq: 25 Jan 2019 13:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	75.0	112.4
121	28.0	24.9	37.3





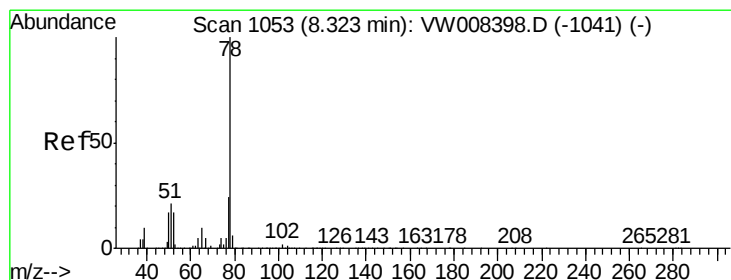
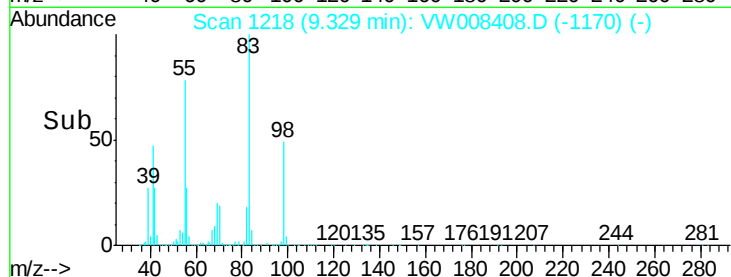
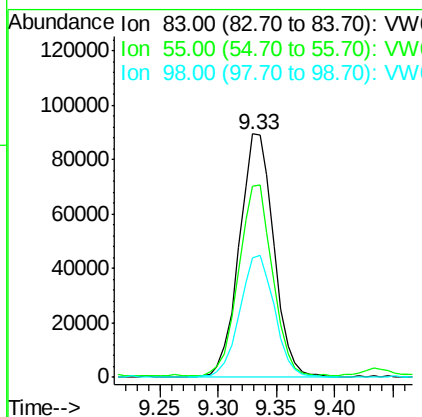
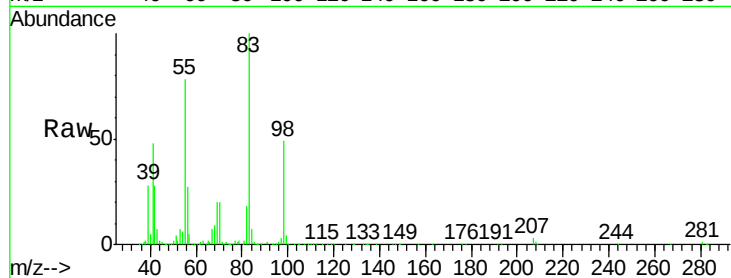
#39
Methvlcvclohexane
Concen: 18.515 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW008408.D
Acq: 25 Jan 2019 13:55

Instrument :
MSVOA_W
ClientSampleId :
VW0125SBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.7	63.3	94.9
98	48.9	39.7	59.5

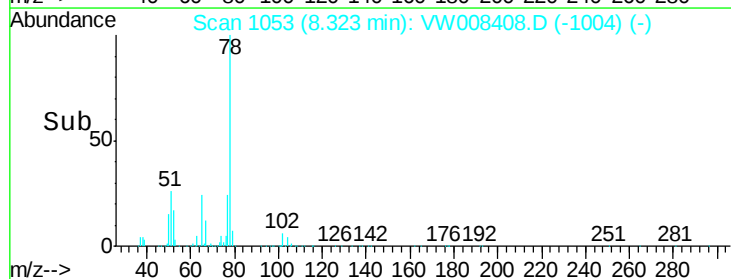
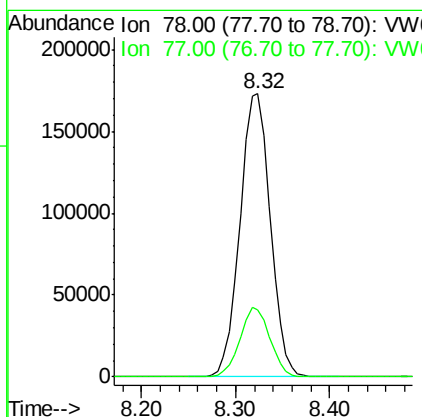
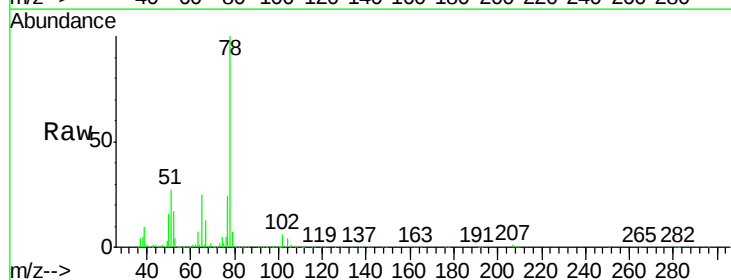
Manual Integrations
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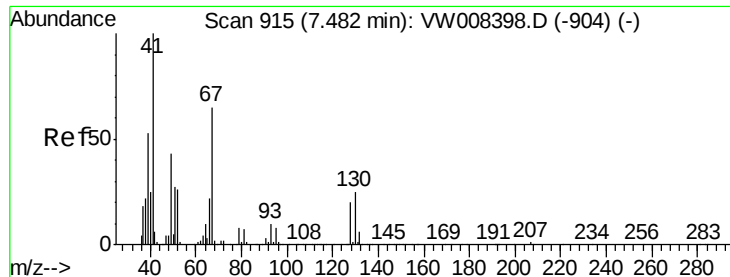
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#40
Benzene
Concen: 18.487 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW008408.D
Acq: 25 Jan 2019 13:55

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.0	28.6





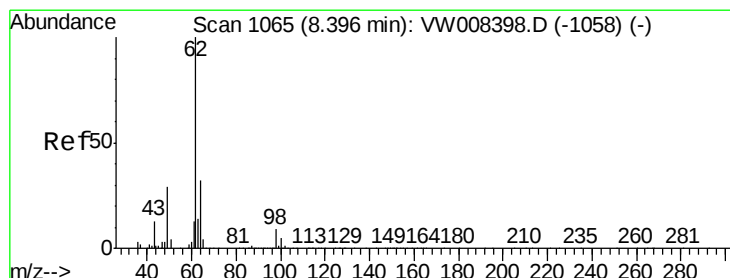
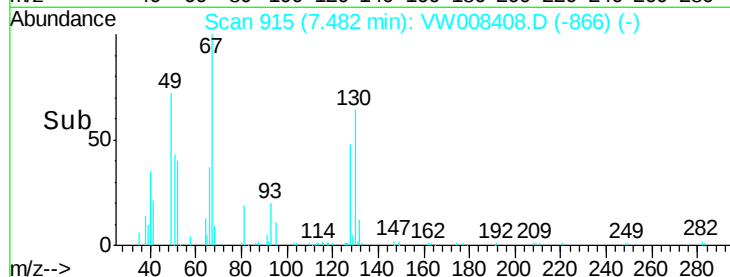
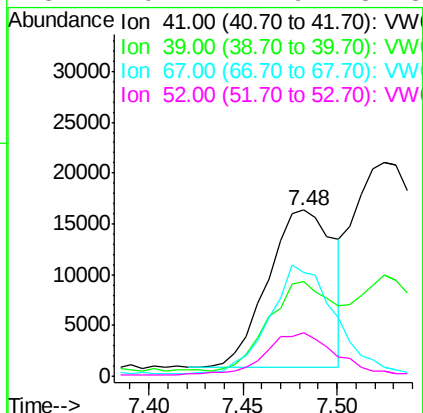
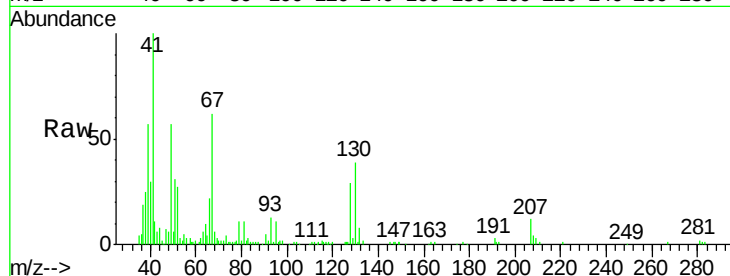
#41
Methacrylonitrile
Concen: 19.158 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW008408.D
Acq: 25 Jan 2019 13:55

Instrument :
MSVOA_W
ClientSampleId :
VW0125SBSD01

Tot Ion	Ion	Ratio	Lower	Upper
37906	41	100		
	39	55.2	43.4	65.0
	67	68.0	54.2	81.2
	52	29.7	22.9	34.3

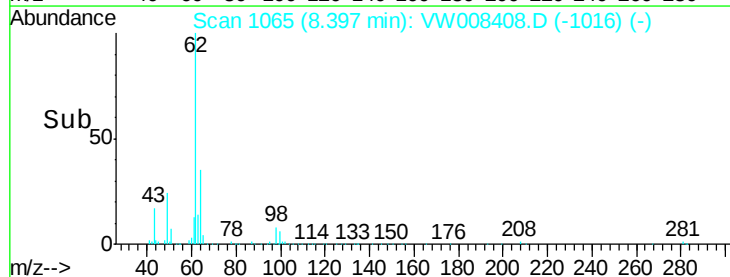
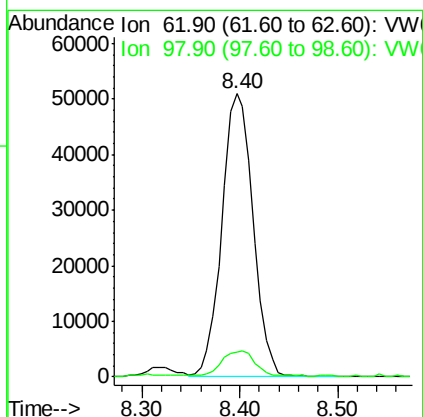
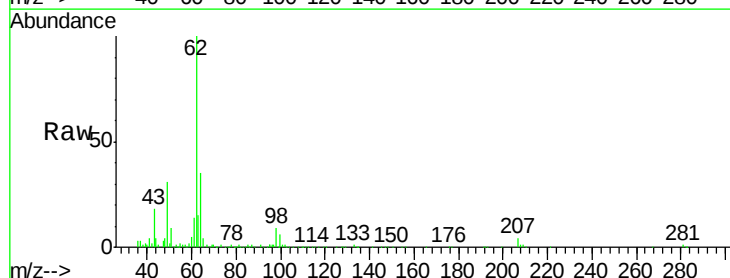
Manual Integrations
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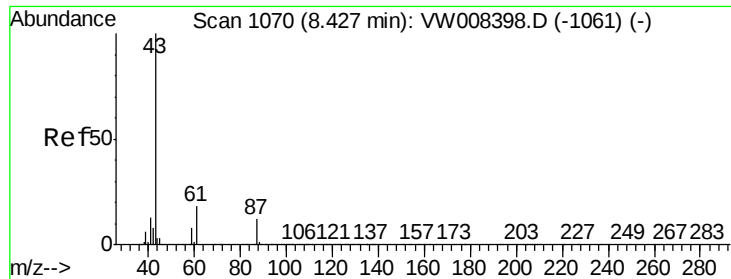
MMDadoda
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#42
1,2-Dichloroethane
Concen: 18.503 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW008408.D
Acq: 25 Jan 2019 13:55

Tgt Ion	Ion	Ratio	Lower	Upper
112379	62	100		
	98	9.7	0.0	18.6





#43

Isopropyl Acetate

Concen: 18.860 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW008408.D

Acq: 25 Jan 2019 13:55

Instrument :

MSVOA_W

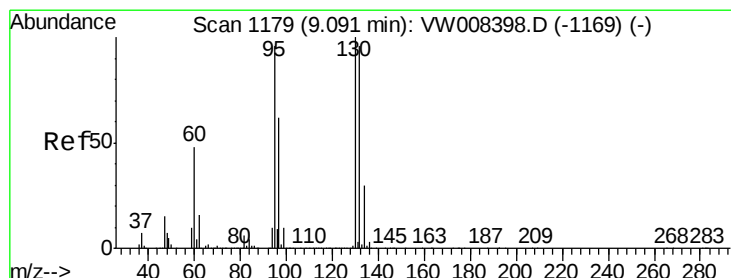
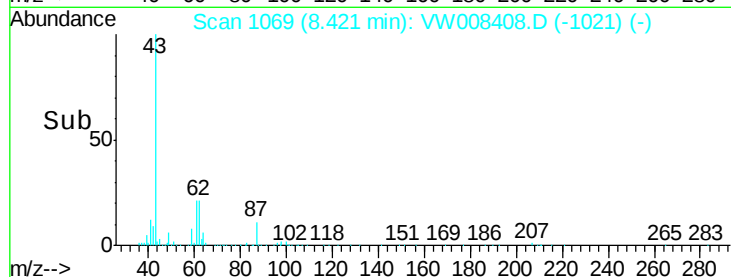
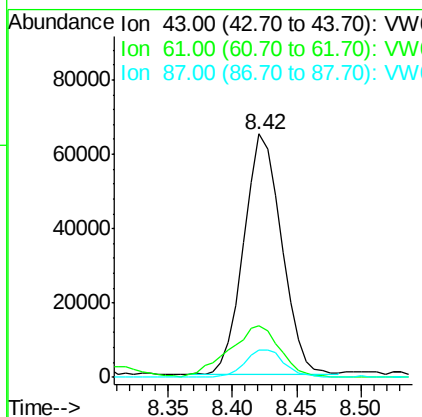
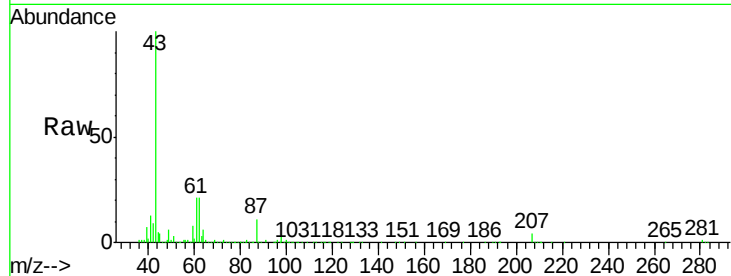
ClientSampleId :

VW0125SBS01

Tot Ion:	43	Resp:	130930
Ion	Ratio	Lower	Upper
43	100		
61	28.6	22.0	33.0
87	12.1	9.3	13.9

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#44

Trichloroethene

Concen: 19.107 ug/l

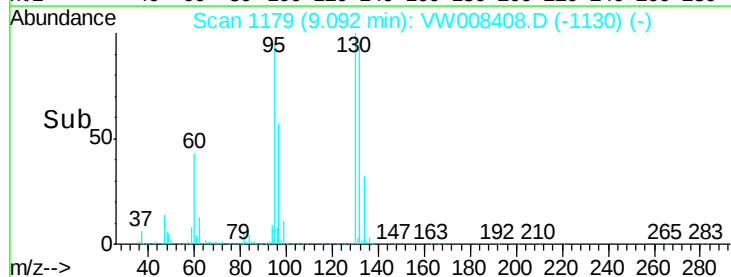
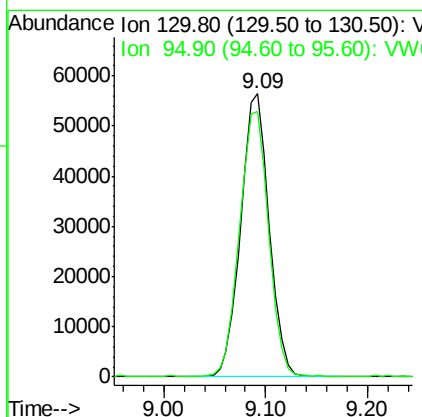
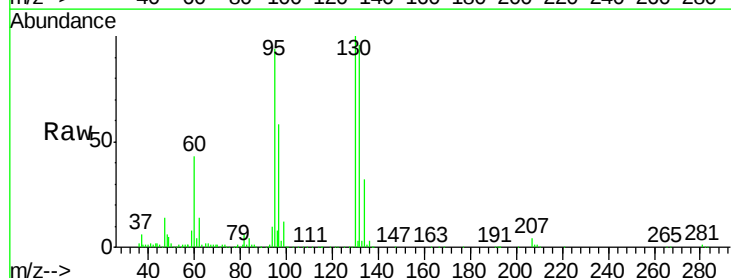
RT: 9.09 min Scan# 1179

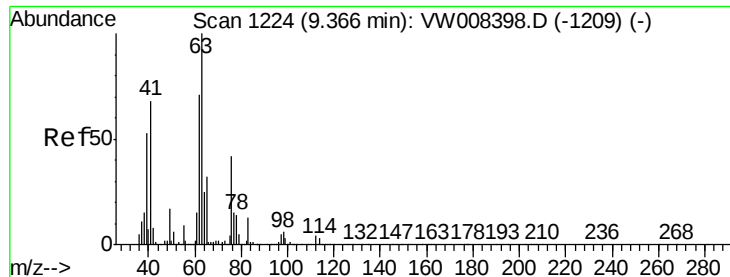
Delta R.T. 0.00 min

Lab File: VW008408.D

Acq: 25 Jan 2019 13:55

Tgt Ion:	130	Resp:	108894
Ion	Ratio	Lower	Upper
130	100		
95	93.4	0.0	191.6





#45

1,2-Dichloropropane

Concen: 18.538 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW008408.D

Acq: 25 Jan 2019 13:55

Instrument :

MSVOA_W

ClientSampleId :

VW0125SBSD01

Tot Ion: 63 Resp: 96872

Ion Ratio Lower Upper

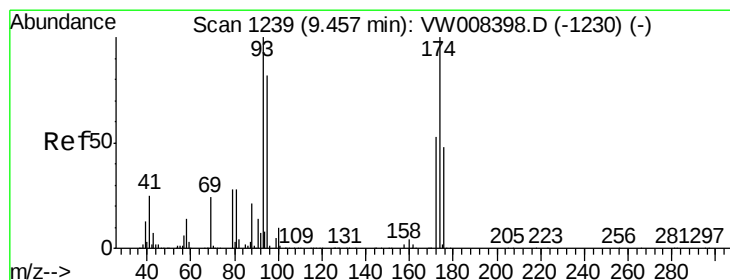
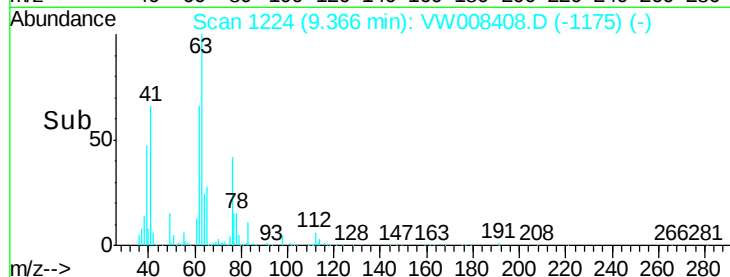
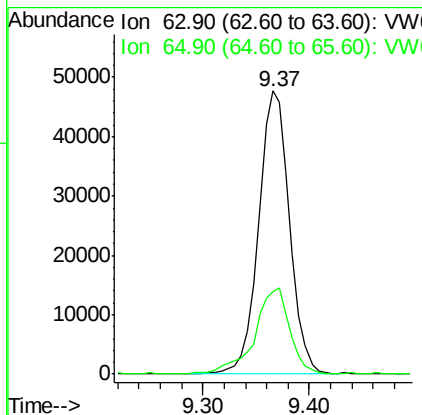
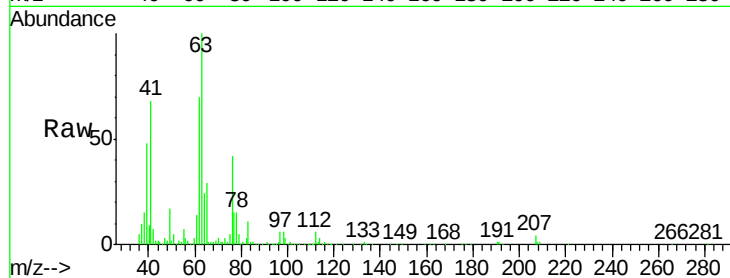
63 100

65 28.8 25.2 37.8

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#46

Dibromomethane

Concen: 18.689 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW008408.D

Acq: 25 Jan 2019 13:55

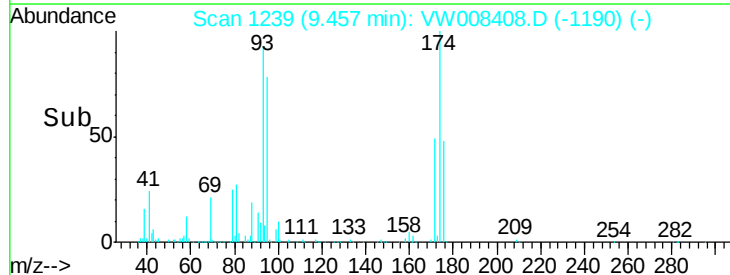
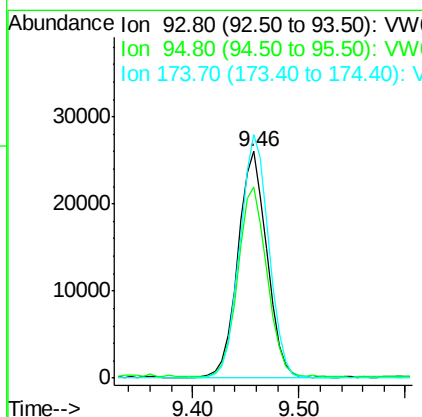
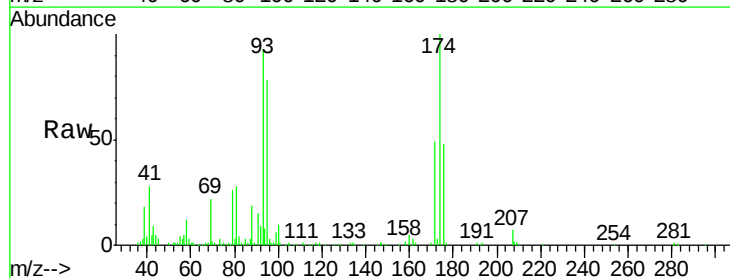
Tgt Ion: 93 Resp: 50231

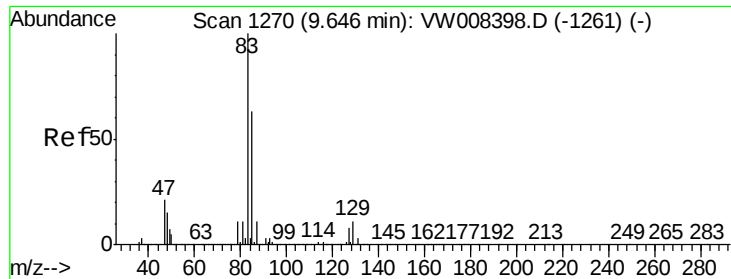
Ion Ratio Lower Upper

93 100

95 83.5 65.9 98.9

174 106.3 81.0 121.6





#47

Bromodichloromethane

Concen: 18.346 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW008408.D

Acq: 25 Jan 2019 13:55

Instrument :

MSVOA_W

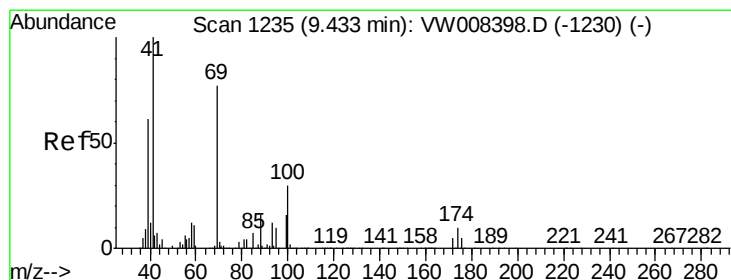
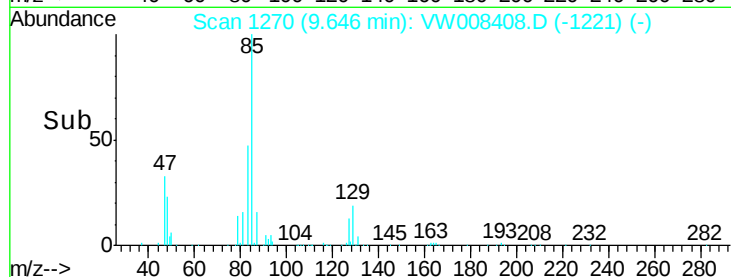
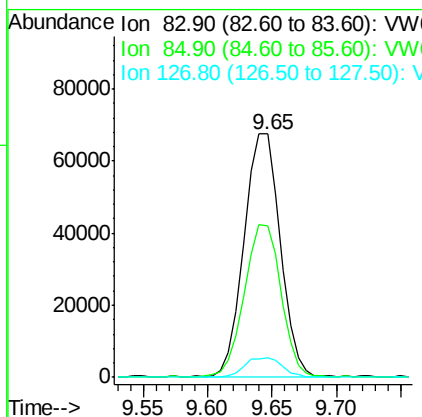
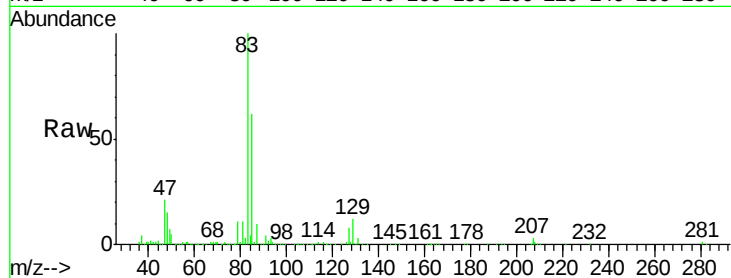
ClientSampleId :

VW0125SBSD01

Tot Ion:	83	Resp:	130425
Ion Ratio	Lower	Upper	
83	100		
85	62.1	50.8	76.2
127	8.1	6.8	10.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.107 ug/l

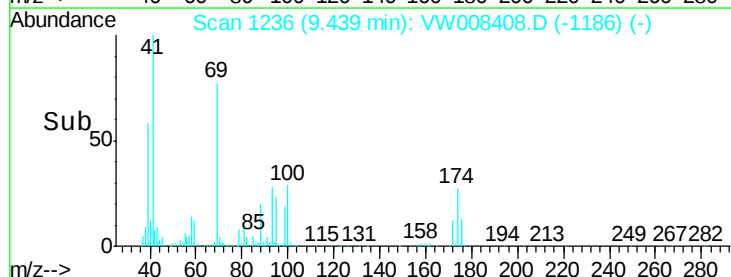
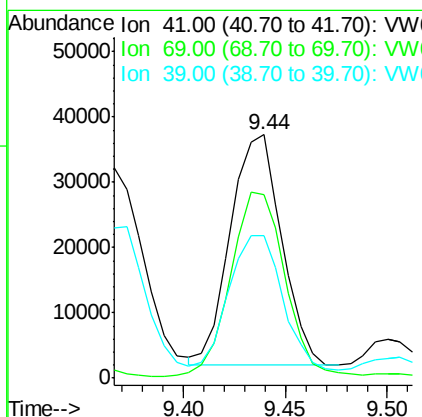
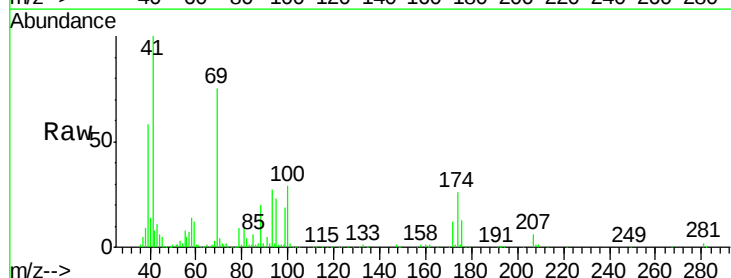
RT: 9.44 min Scan# 1236

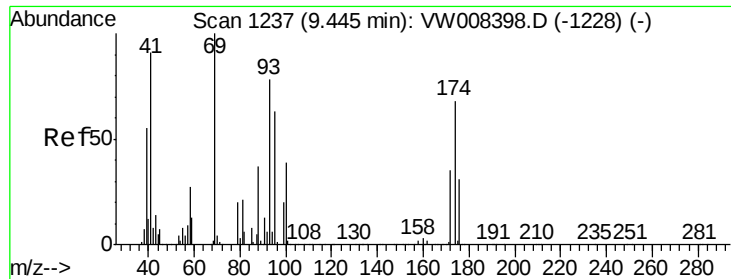
Delta R.T. 0.01 min

Lab File: VW008408.D

Acq: 25 Jan 2019 13:55

Tgt Ion:	41	Resp:	61465
Ion Ratio	Lower	Upper	
41	100		
69	84.9	64.8	97.2
39	61.3	49.1	73.7





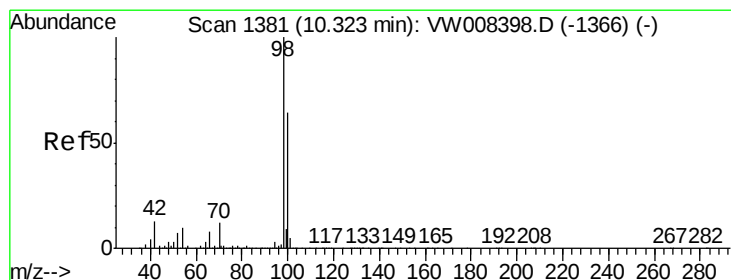
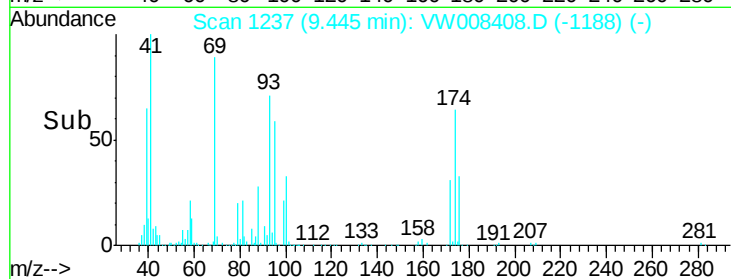
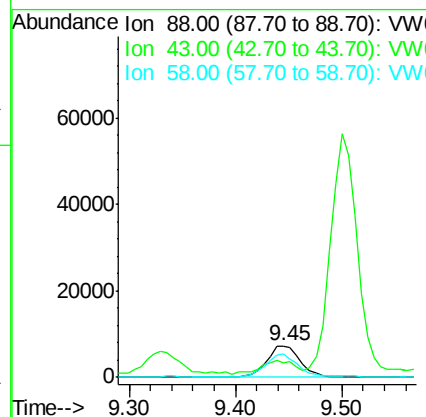
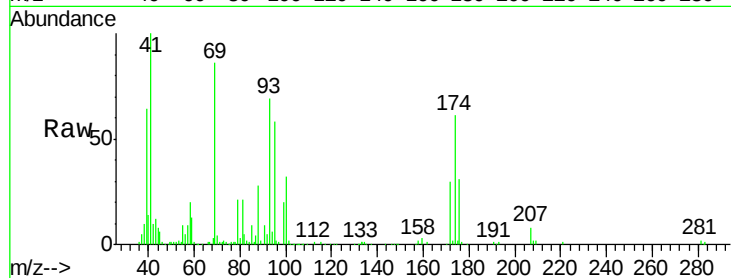
#49
1,4-Dioxane
Concen: 352.756 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VW008408.D
Acq: 25 Jan 2019 13:55

Instrument :
MSVOA_W
ClientSampleId :
VW0125SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	40.7	29.0	43.4
58	71.5	56.4	84.6

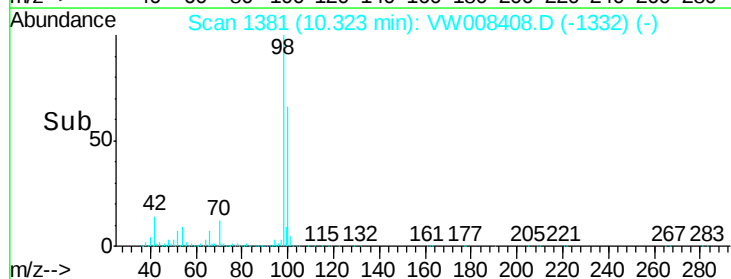
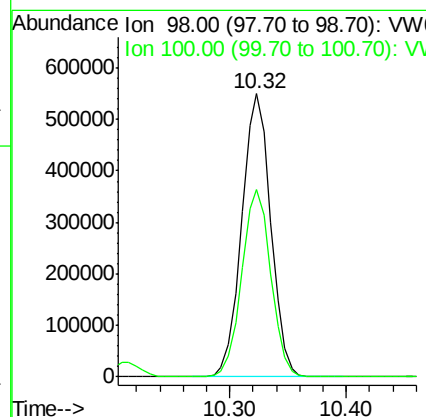
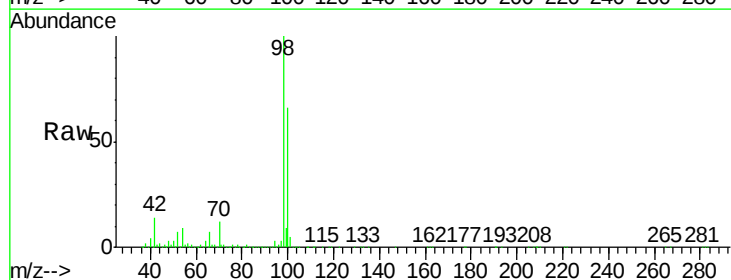
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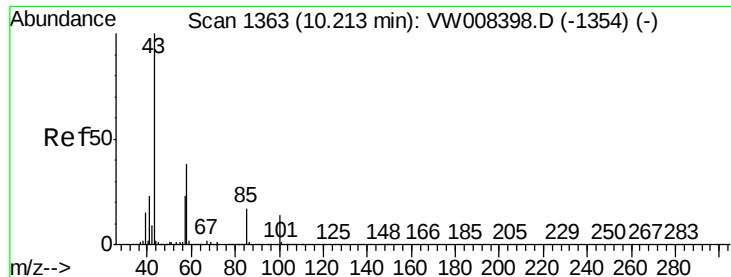
MMDadoda
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#50
Toluene-d8
Concen: 50.872 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008408.D
Acq: 25 Jan 2019 13:55

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.3	52.6	78.8





#51

4-Methyl-2-Pentanone

Concen: 93.470 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.01 min

Lab File: VW008408.D

Acq: 25 Jan 2019 13:55

Instrument :

MSVOA_W

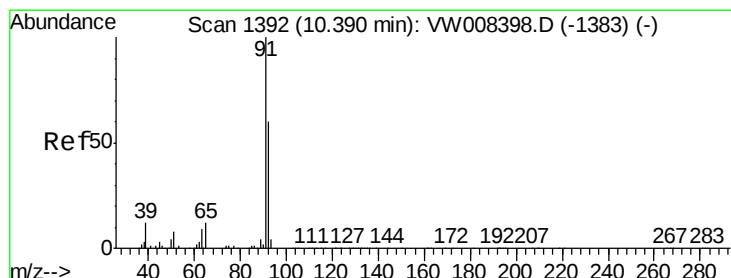
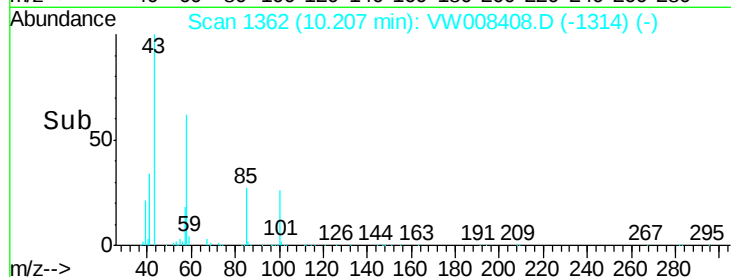
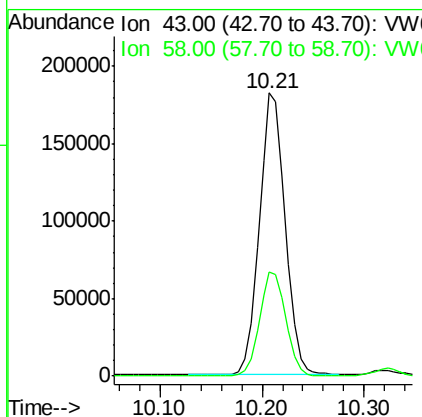
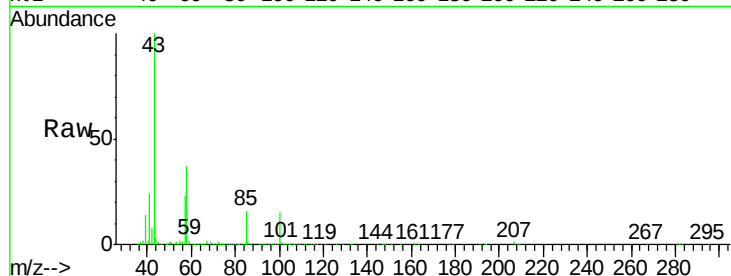
ClientSampleId :

VW0125SBS01

Tot Ion	43	Resp	320571
Ion	Ratio	Lower	Upper
43	100		
58	38.0	29.7	44.5

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#52

Toluene

Concen: 18.083 ug/l

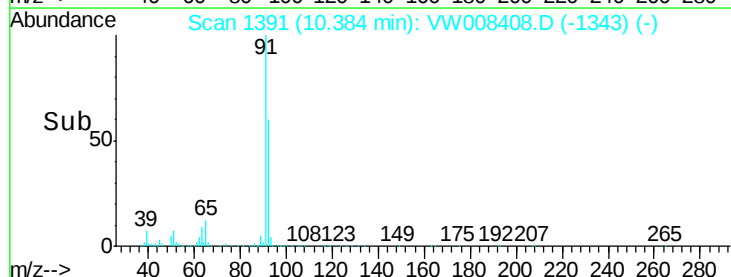
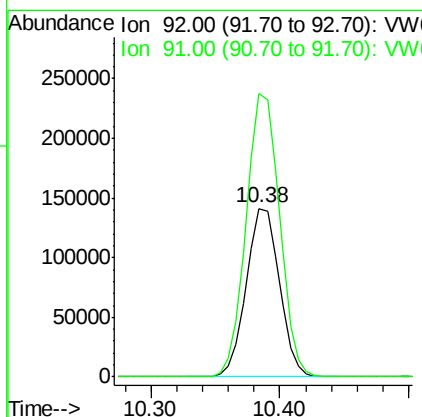
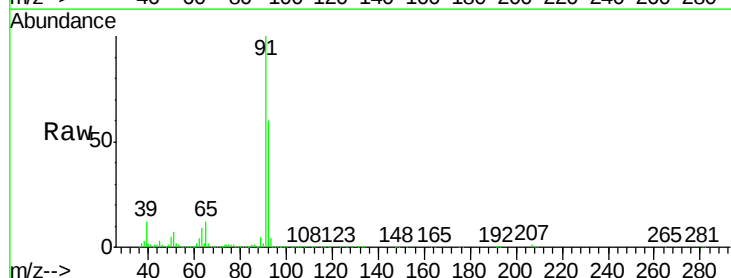
RT: 10.38 min Scan# 1391

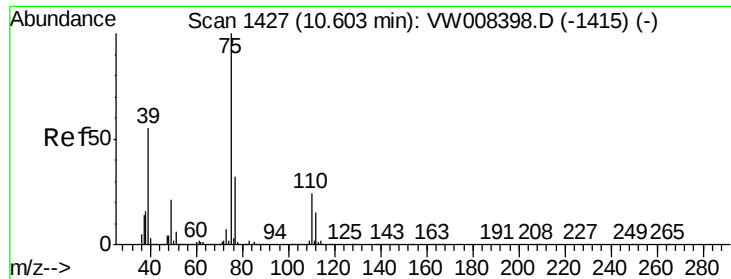
Delta R.T. -0.01 min

Lab File: VW008408.D

Acq: 25 Jan 2019 13:55

Tgt Ion	92	Resp	250169
Ion	Ratio	Lower	Upper
92	100		
91	170.0	135.5	203.3





#53

t-1,3-Dichloropropene

Concen: 18.656 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW008408.D

Acq: 25 Jan 2019 13:55

Instrument :

MSVOA_W

ClientSampleId :

VW0125SBS01

Tot Ion: 75 Resp: 141122

Ion Ratio Lower Upper

75 100

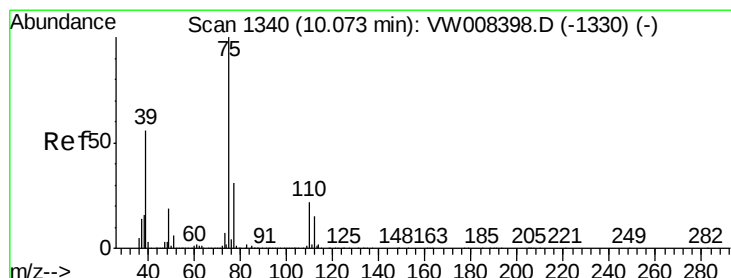
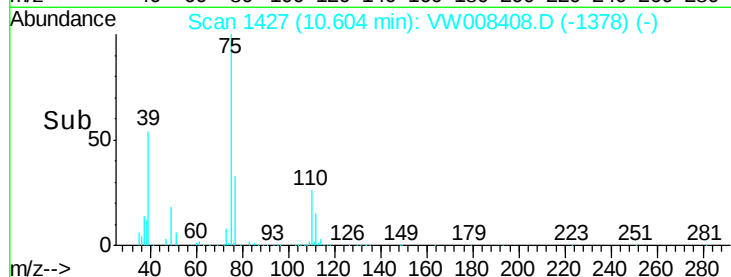
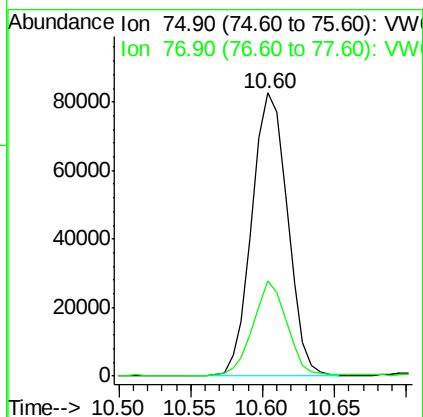
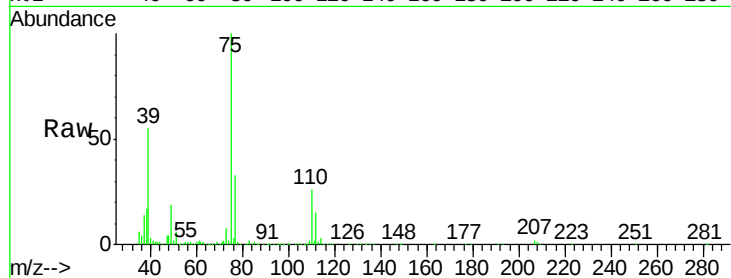
77 33.3 25.3 37.9

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#54

cis-1,3-Dichloropropene

Concen: 18.646 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW008408.D

Acq: 25 Jan 2019 13:55

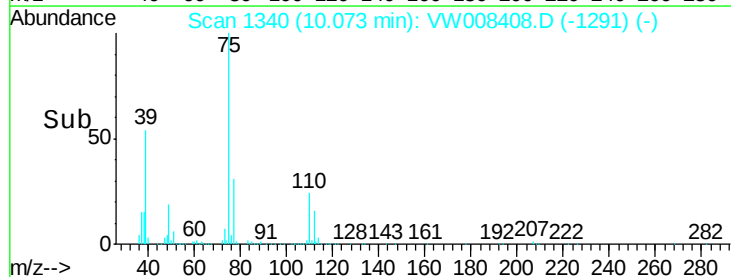
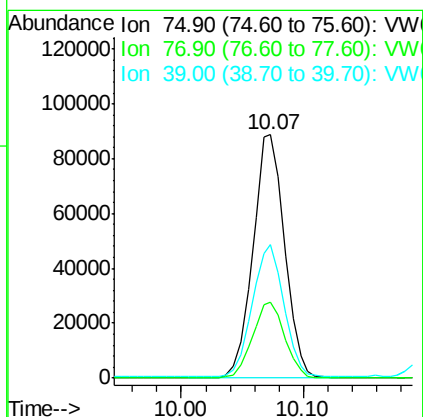
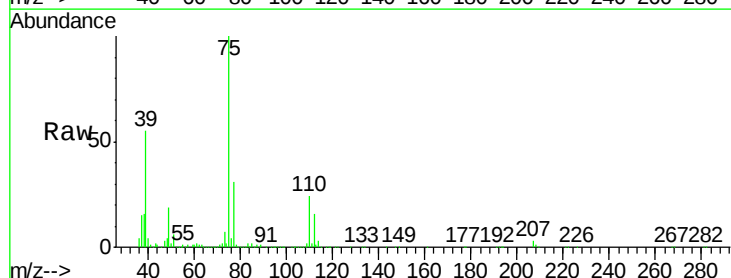
Tgt Ion: 75 Resp: 160065

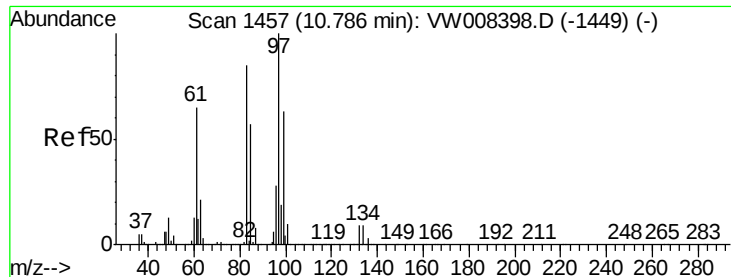
Ion Ratio Lower Upper

75 100

77 31.1 25.0 37.4

39 54.2 44.9 67.3





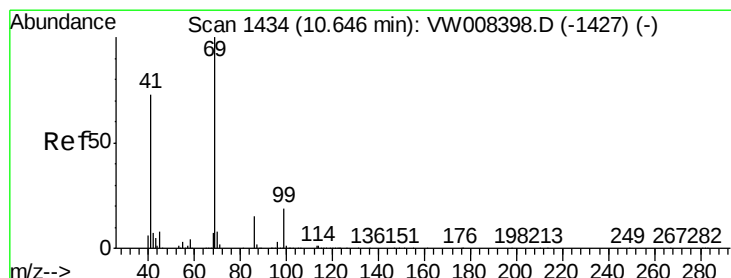
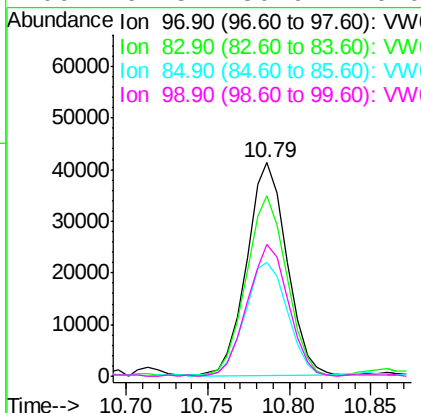
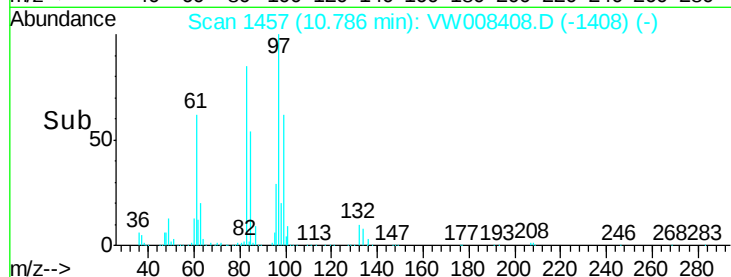
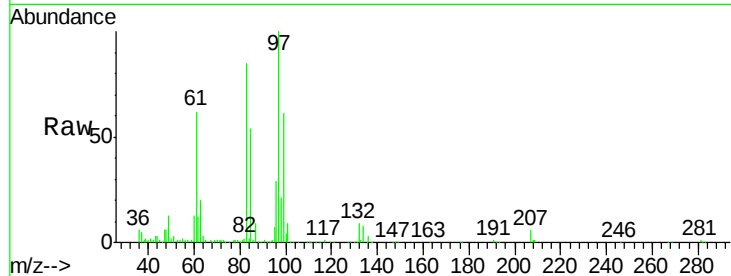
#55
 1,1,2-Trichloroethane
 Concen: 18.931 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW008408.D
 Acq: 25 Jan 2019 13:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0125SBS01

Tot Ion:	97	Resp:	70576
Ion	Ratio	Lower	Upper
97	100		
83	84.4	68.4	102.6
85	53.2	45.3	67.9
99	61.5	50.6	76.0

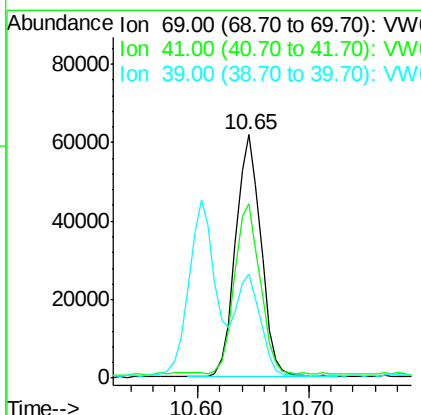
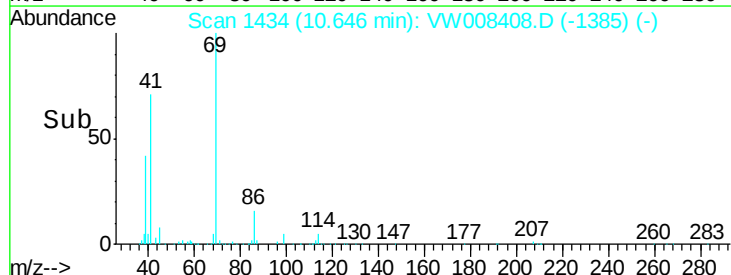
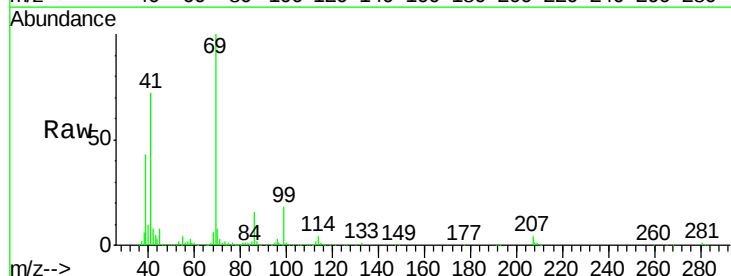
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#56
 Ethyl methacrylate
 Concen: 18.711 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW008408.D
 Acq: 25 Jan 2019 13:55

Tgt Ion:	69	Resp:	97743
Ion	Ratio	Lower	Upper
69	100		
41	70.8	58.7	88.1
39	39.8	32.6	48.8





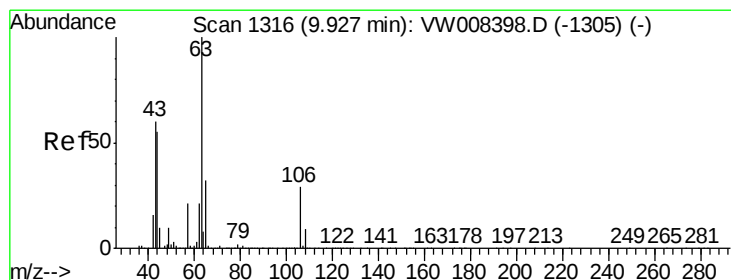
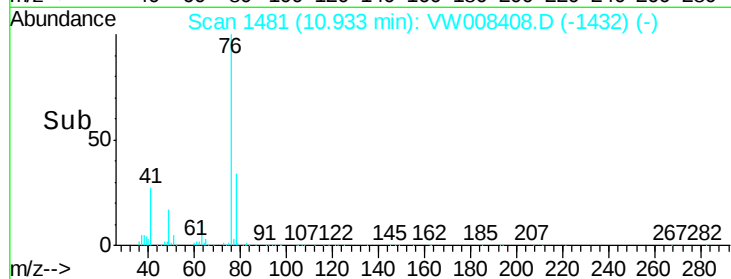
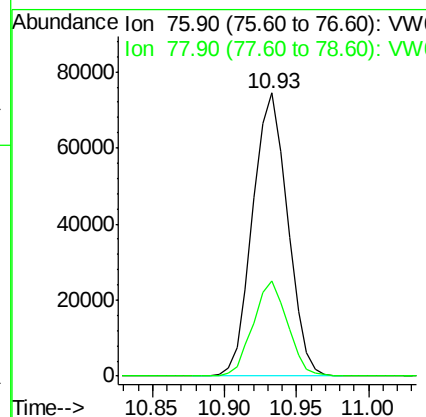
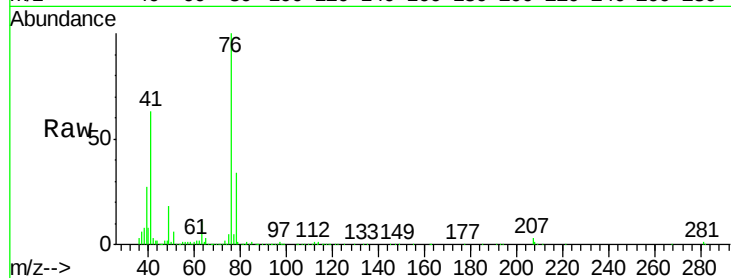
#57
 1,3-Dichloropropane
 Concen: 18.693 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW008408.D
 Acq: 25 Jan 2019 13:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0125SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.3	25.8	38.8

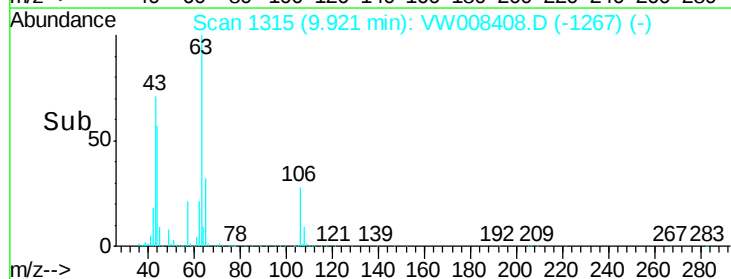
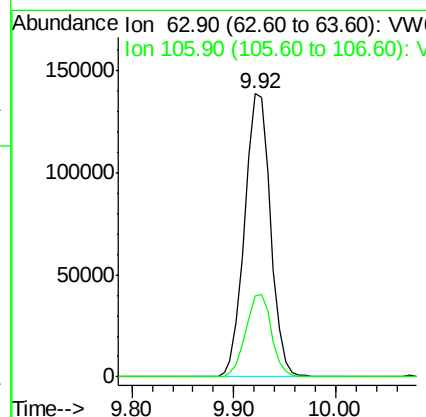
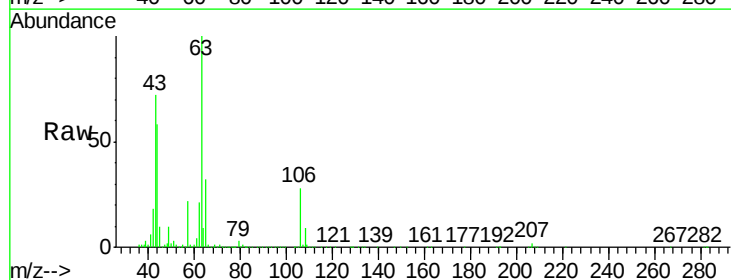
Manual Integrations
 APPROVED

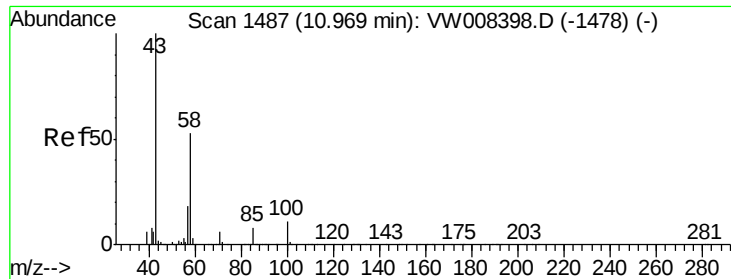
MMDadoda
 1/28/2019 12:45:52 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 96.347 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VW008408.D
 Acq: 25 Jan 2019 13:55

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.9	22.4	33.6





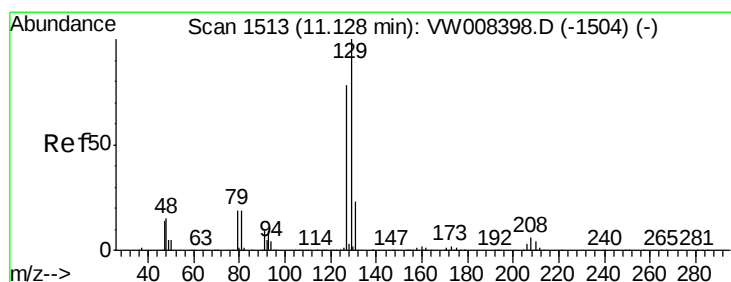
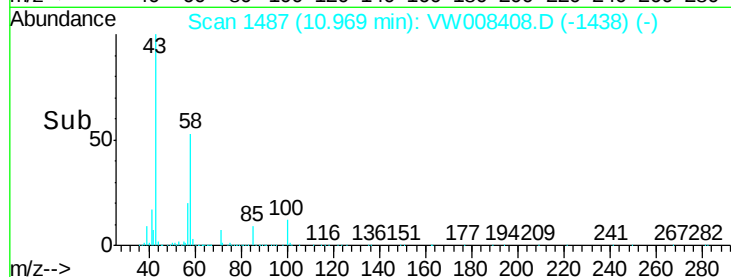
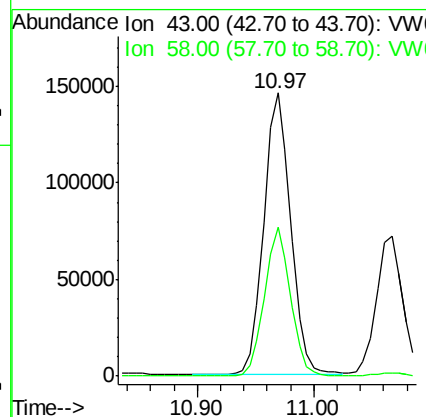
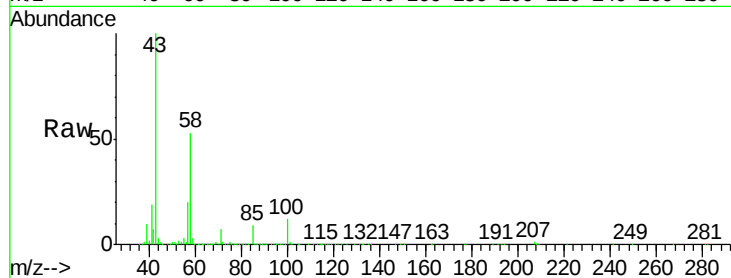
#59
2-Hexanone
Concen: 97.045 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW008408.D
Acq: 25 Jan 2019 13:55

Instrument :
MSVOA_W
ClientSampleId :
VW0125SBSD01

Tot Ion: 43 Resp: 234964
Ion Ratio Lower Upper
43 100
58 50.6 25.9 77.7

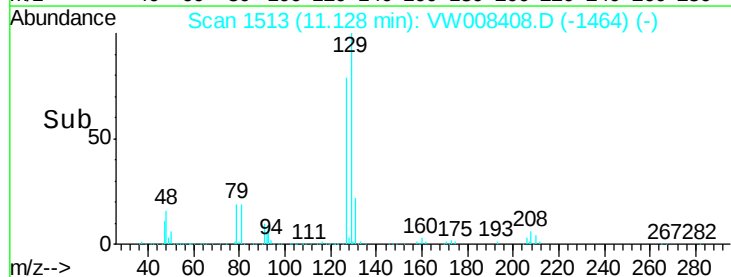
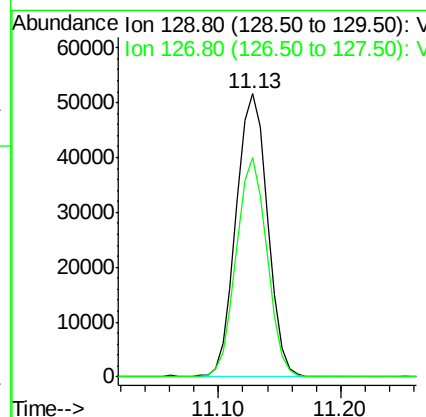
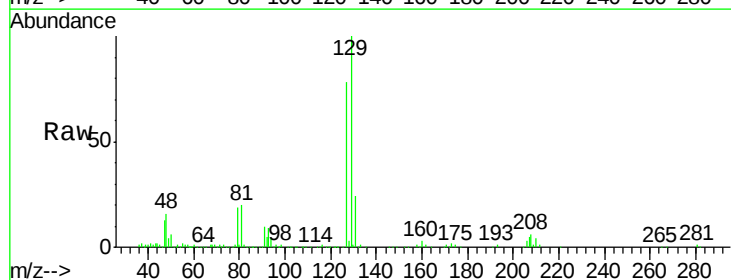
Manual Integrations
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#60
Dibromochloromethane
Concen: 19.199 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW008408.D
Acq: 25 Jan 2019 13:55

Tgt Ion: 129 Resp: 91977
Ion Ratio Lower Upper
129 100
127 75.4 39.1 117.2





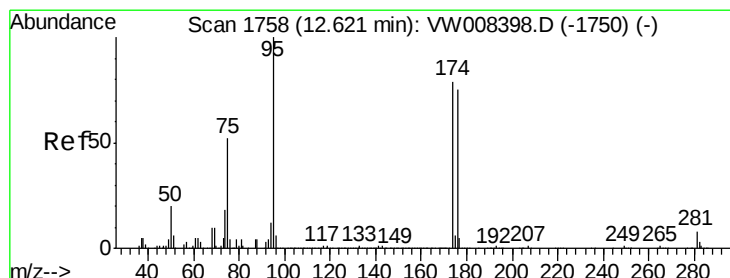
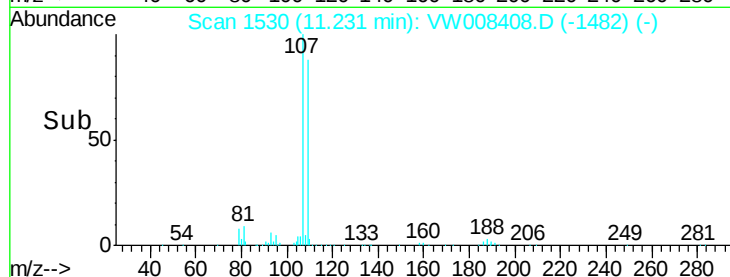
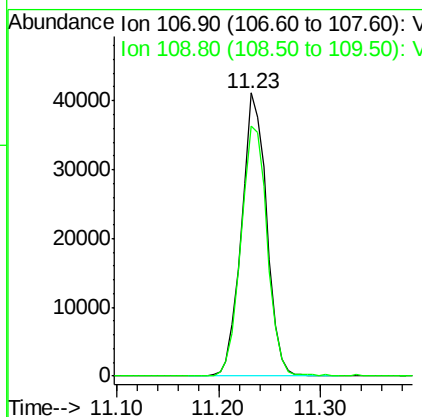
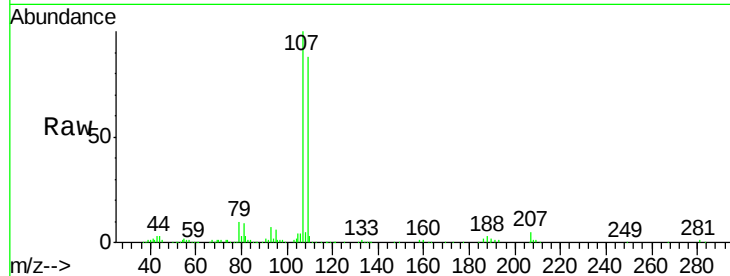
#61
 1,2-Dibromoethane
 Concen: 19.009 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW008408.D
 Acq: 25 Jan 2019 13:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0125SBS01

Tot Ion: 107 Resp: 70267
 Ion Ratio Lower Upper
 107 100
 109 92.1 75.0 112.4

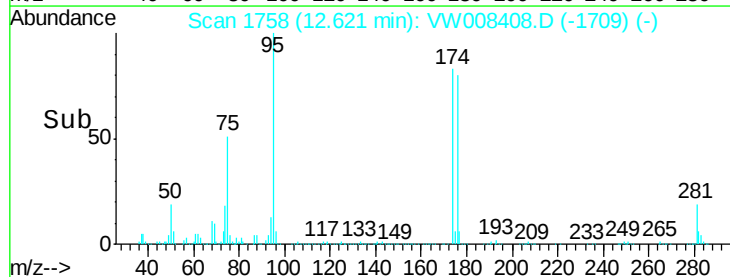
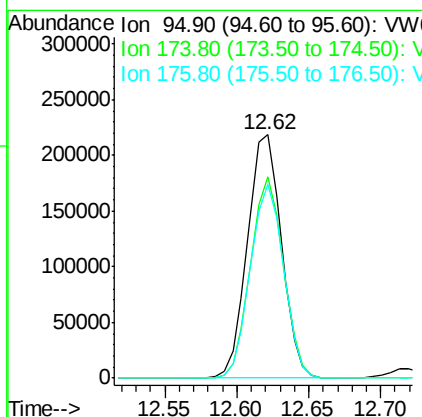
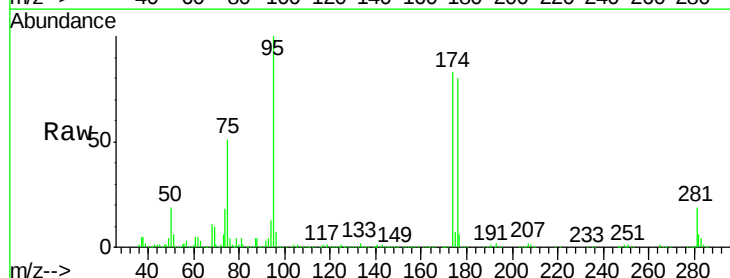
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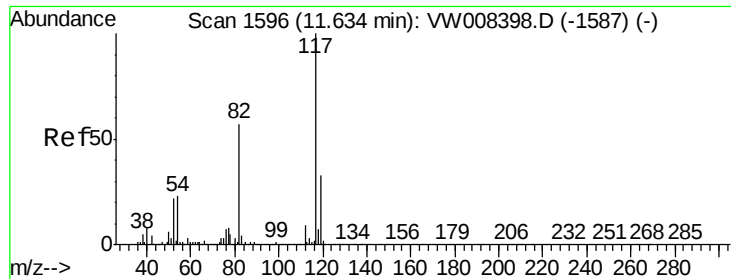
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 1/28/2019 12:45:52 PM



#62
 4-Bromofluorobenzene
 Concen: 49.226 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW008408.D
 Acq: 25 Jan 2019 13:55

Tgt Ion: 95 Resp: 354750
 Ion Ratio Lower Upper
 95 100
 174 80.2 0.0 157.6
 176 78.6 0.0 151.8





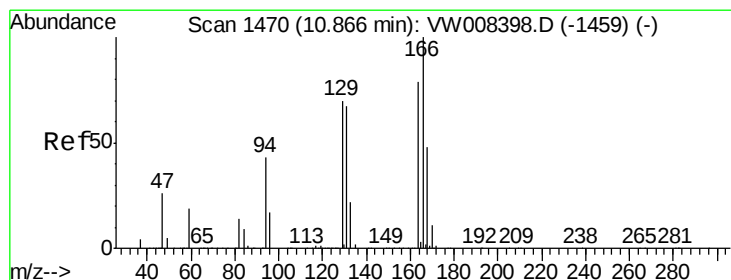
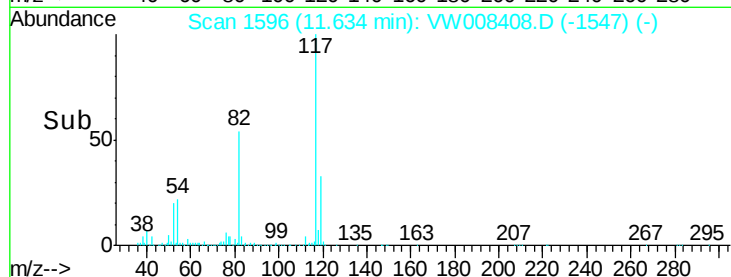
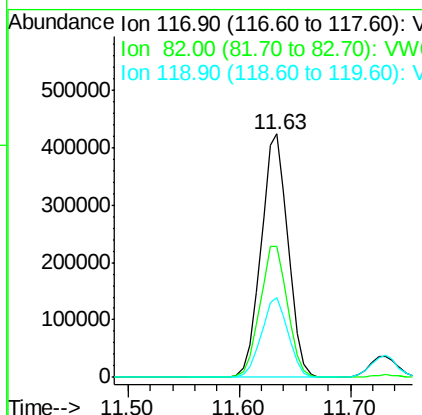
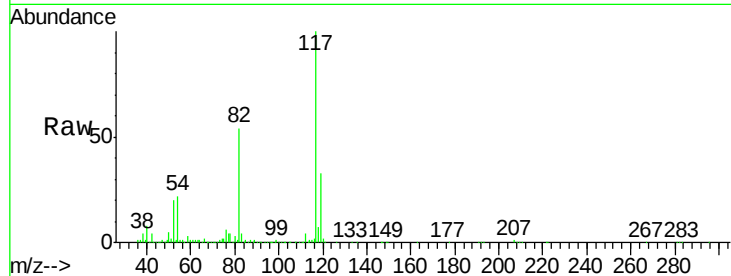
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008408.D
Acq: 25 Jan 2019 13:55

Instrument :
MSVOA_W
ClientSampleId :
VW0125SBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.7	45.4	68.0
119	32.7	26.2	39.4

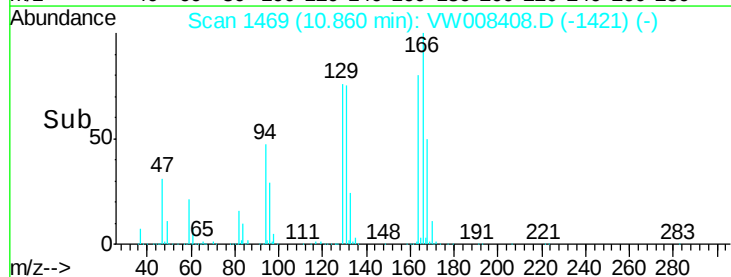
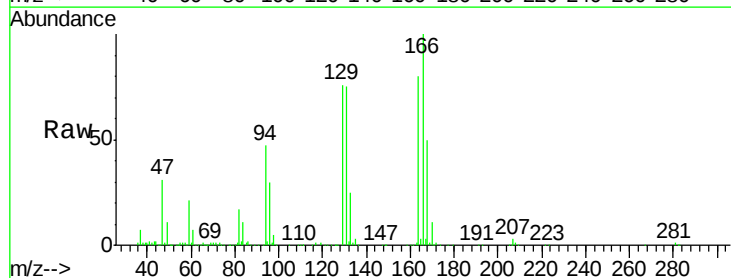
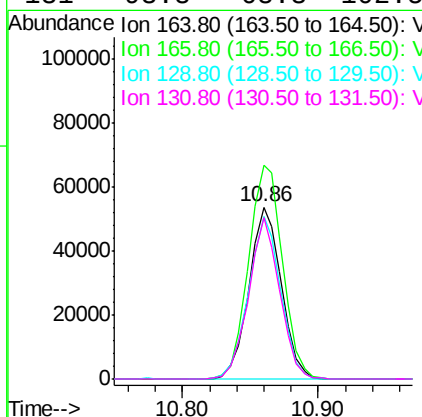
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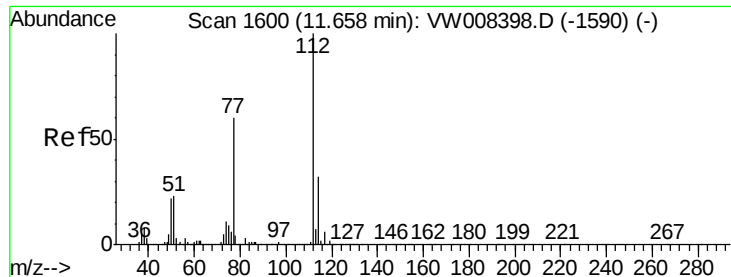
MMDadoda
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#64
Tetrachloroethene
Concen: 18.436 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW008408.D
Acq: 25 Jan 2019 13:55

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.5	101.4	152.0
129	94.4	71.0	106.6
131	93.8	68.3	102.5





#65

Chlorobenzene

Concen: 18.537 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW008408.D

Acq: 25 Jan 2019 13:55

Instrument :

MSVOA_W

ClientSampleId :

VW0125SBSD01

Tot Ion:112 Resp: 270356

Ion Ratio Lower Upper

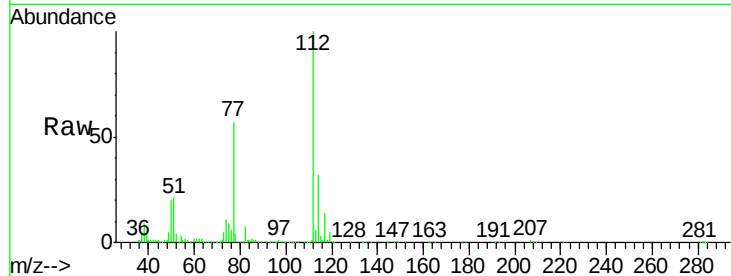
112 100

114 31.9 25.4 38.2

Manual Integrations
APPROVED

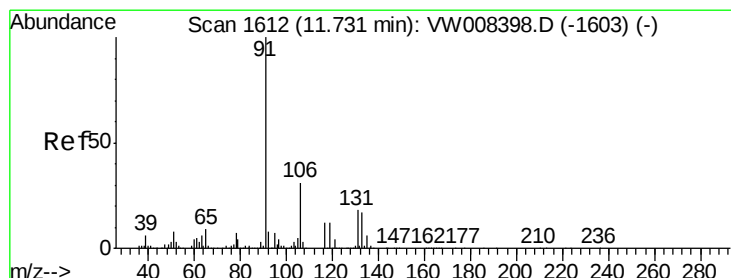
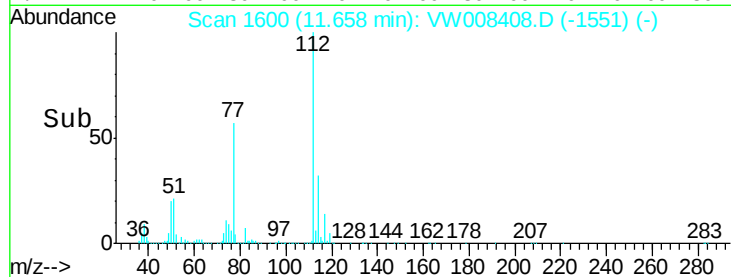
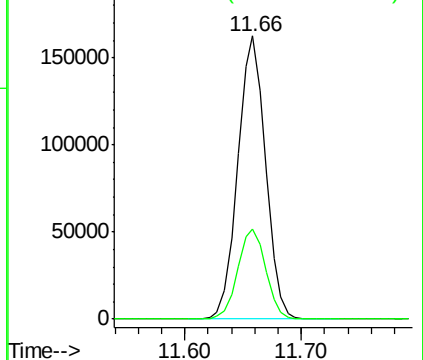
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 18.957 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW008408.D

Acq: 25 Jan 2019 13:55

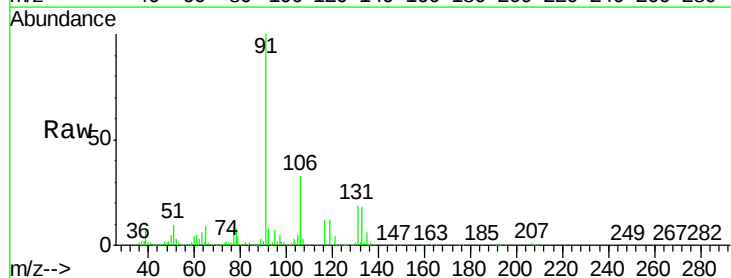
Tgt Ion:131 Resp: 98917

Ion Ratio Lower Upper

131 100

133 94.2 47.0 141.2

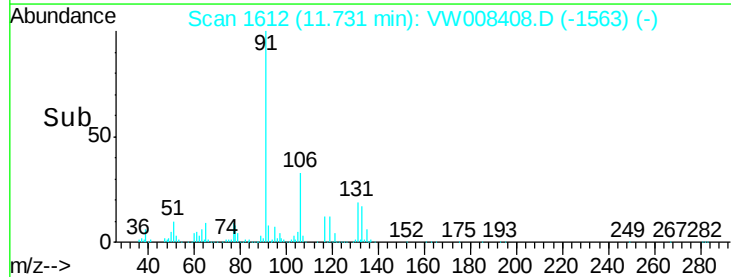
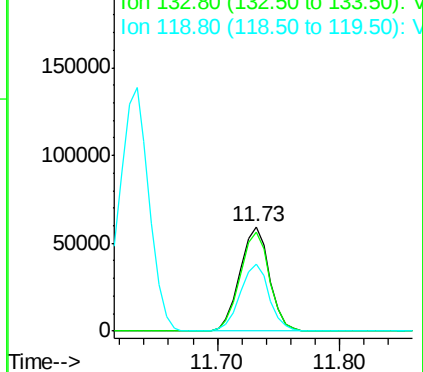
119 63.8 32.1 96.3

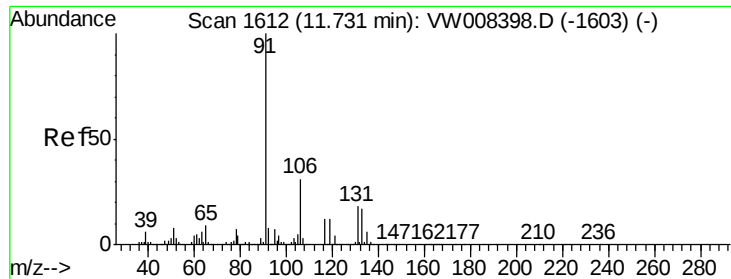


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





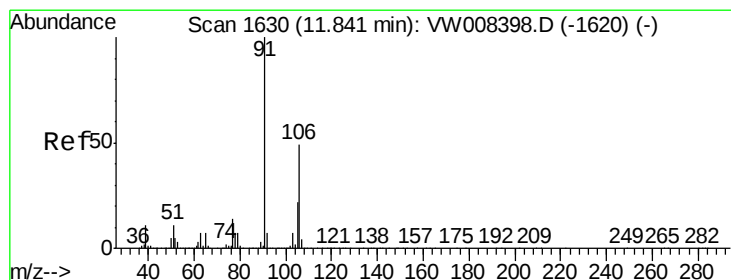
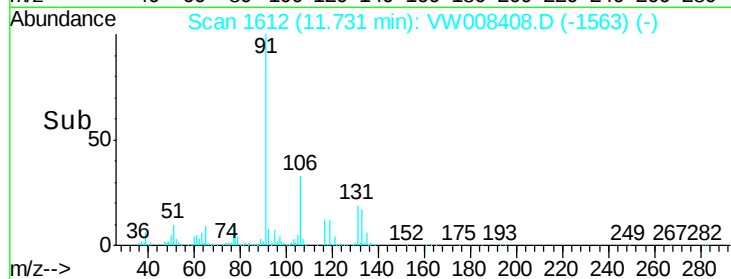
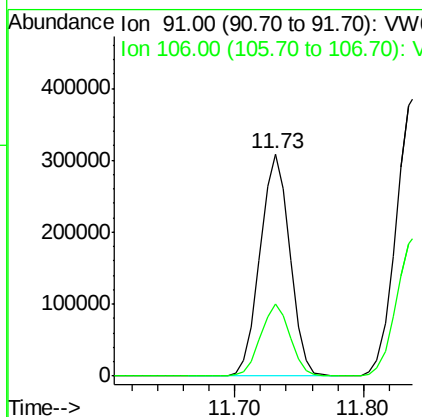
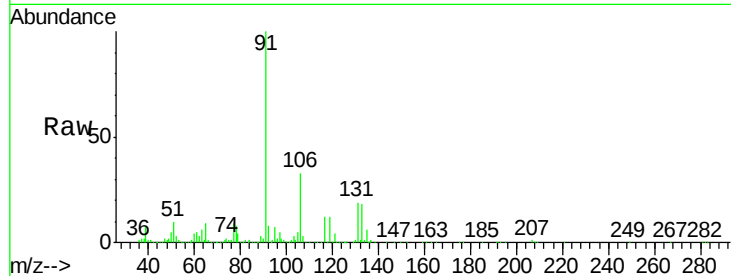
#67
Ethyl Benzene
Concen: 18.340 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008408.D
Acq: 25 Jan 2019 13:55

Instrument :
MSVOA_W
ClientSampleId :
VW0125SBS01

Tot Ion: 91 Resp: 491664
Ion Ratio Lower Upper
91 100
106 32.7 24.7 37.1

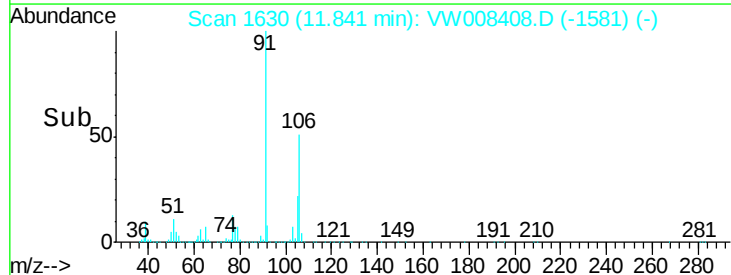
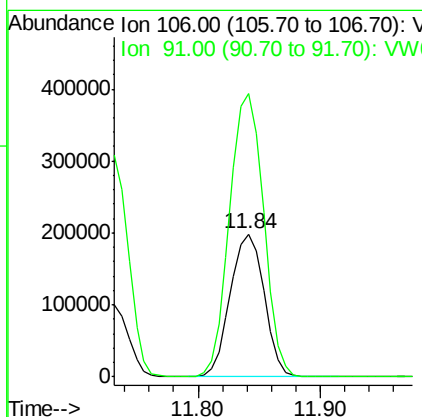
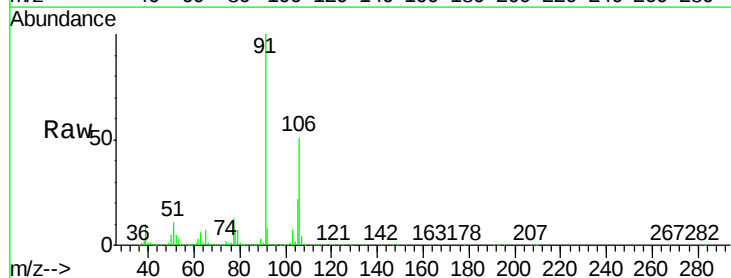
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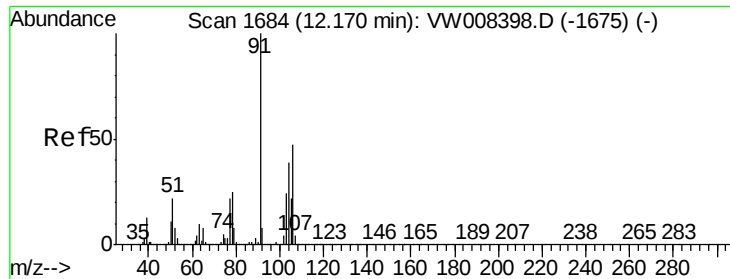
MMDadoda
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#68
m/p-Xylenes
Concen: 36.716 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW008408.D
Acq: 25 Jan 2019 13:55

Tgt Ion: 106 Resp: 381902
Ion Ratio Lower Upper
106 100
91 198.6 162.9 244.3





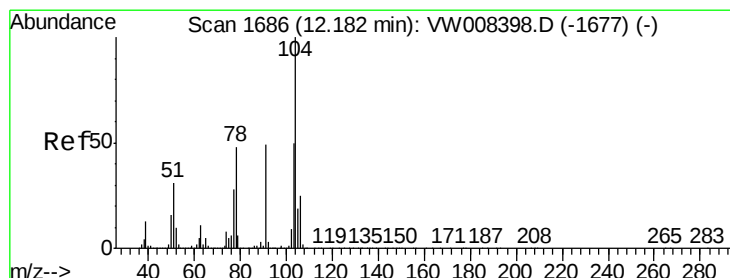
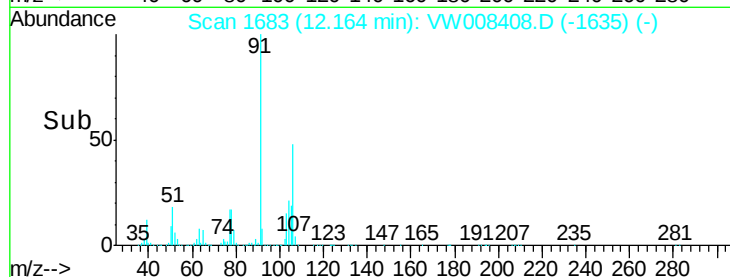
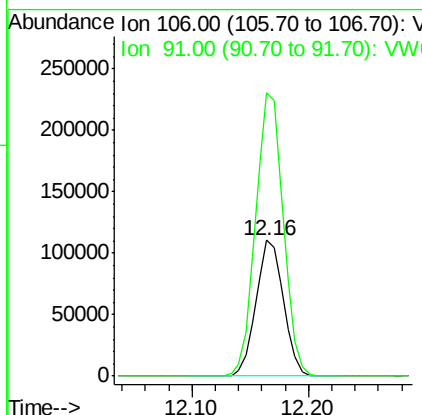
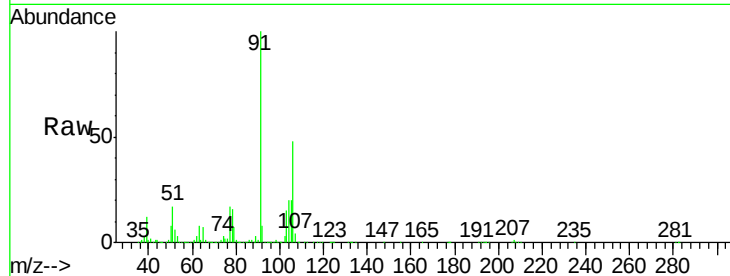
#69
o-Xylene
Concen: 18.476 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW008408.D
Acq: 25 Jan 2019 13:55

Instrument :
MSVOA_W
ClientSampled :
VW0125SBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	209.4	107.5	322.4

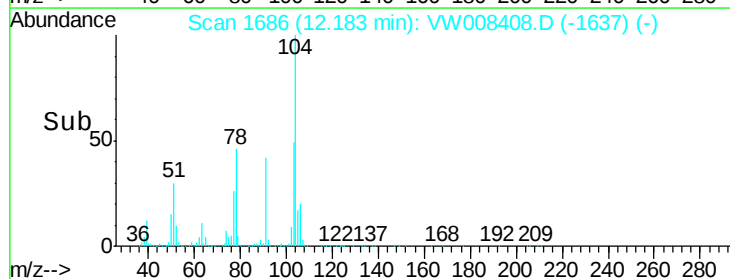
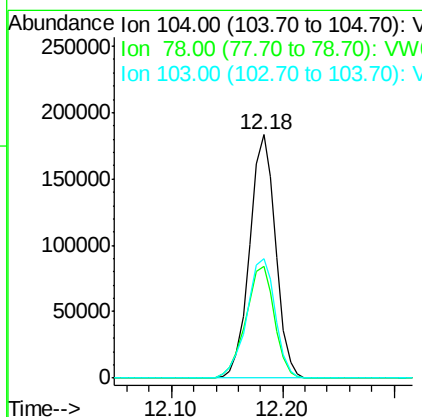
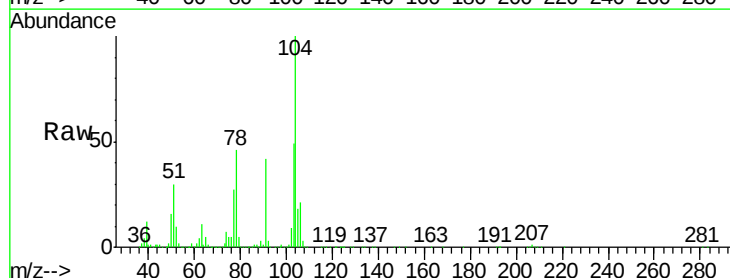
Manual Integrations
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#70
Styrene
Concen: 18.170 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW008408.D
Acq: 25 Jan 2019 13:55

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.0	42.4	63.6
103	53.9	43.4	65.0





#71

Bromoform

Concen: 18.834 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: VW008408.D

Acq: 25 Jan 2019 13:55

Instrument :

MSVOA_W

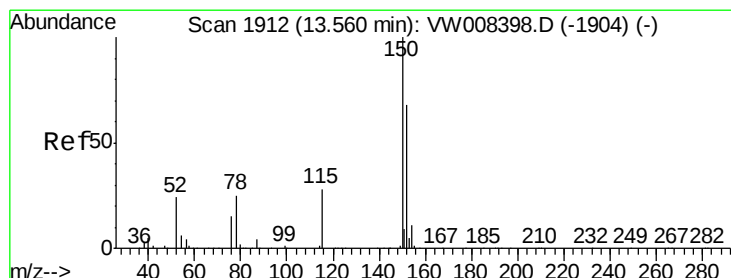
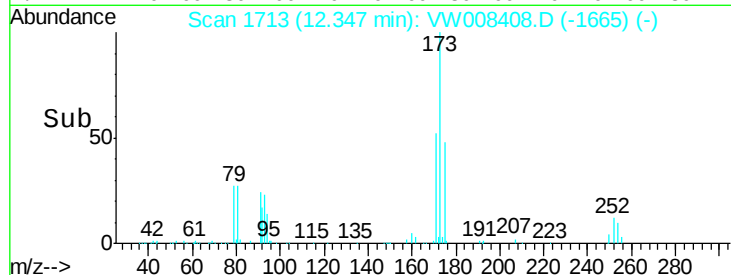
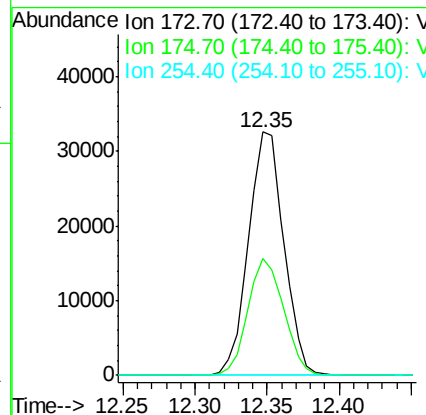
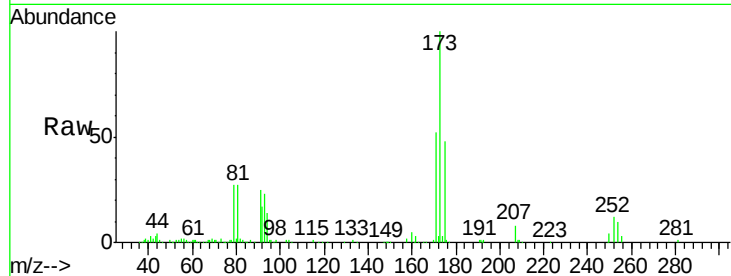
ClientSampleId :

VW0125SBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.4	73.4
254	0.0	0.2	0.2

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

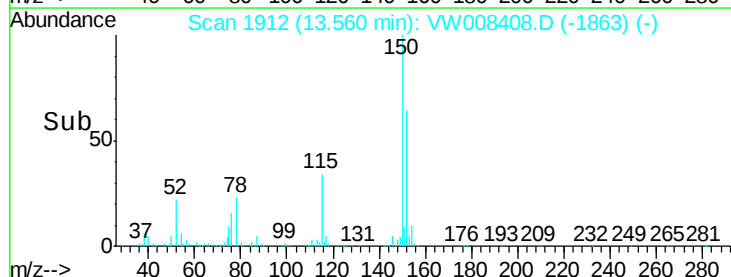
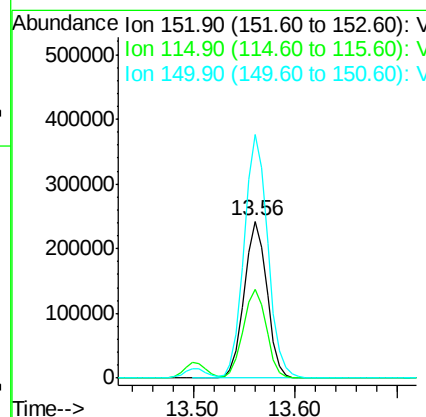
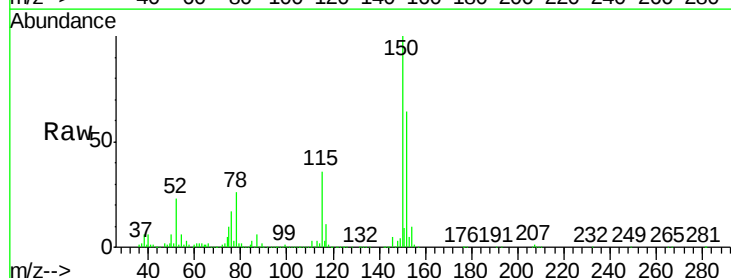
RT: 13.56 min Scan# 1912

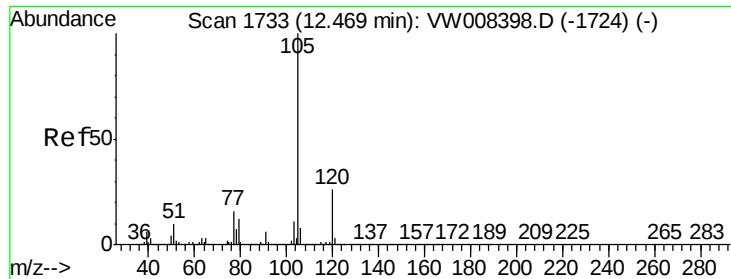
Delta R.T. 0.00 min

Lab File: VW008408.D

Acq: 25 Jan 2019 13:55

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.6	29.9	89.7
150	162.2	0.0	351.4





#73

Isopropylbenzene

Concen: 17.966 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW008408.D

Acq: 25 Jan 2019 13:55

Instrument :

MSVOA_W

ClientSampleId :

VW0125SBSD01

Tot Ion: 105 Resp: 497589

Ion Ratio Lower Upper

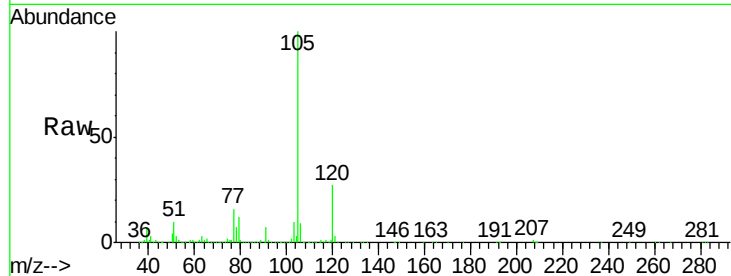
105 100

120 26.9 13.3 39.8

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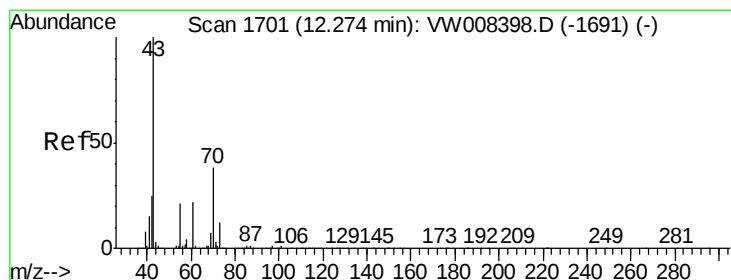
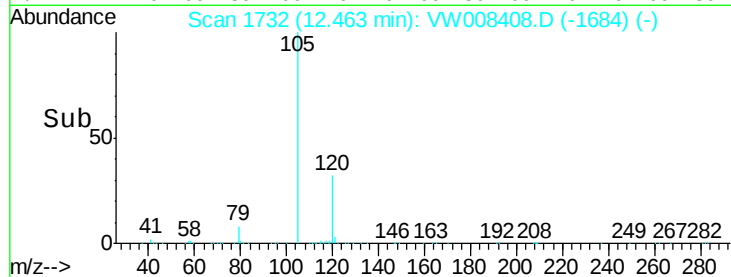
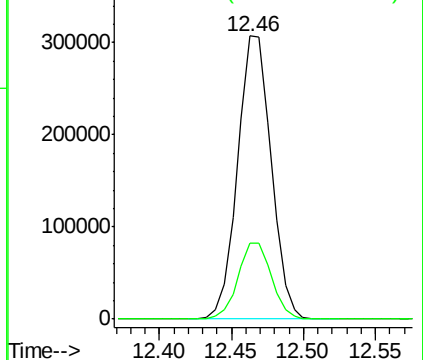
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.201 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW008408.D

Acq: 25 Jan 2019 13:55

Tgt Ion: 43 Resp: 129866

Ion Ratio Lower Upper

43 100

70 40.2 31.0 46.6

55 22.2 17.4 26.2

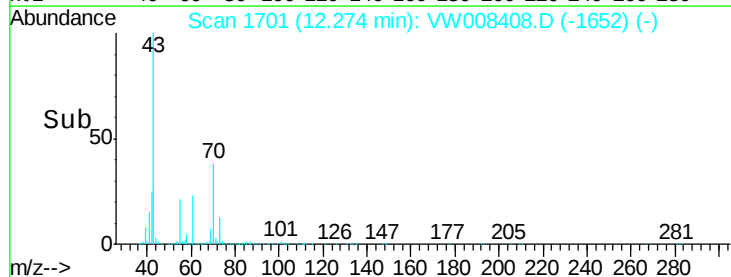
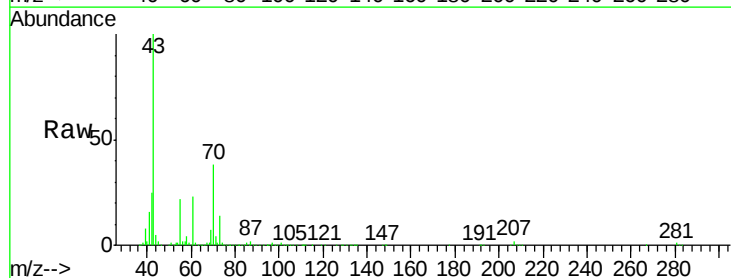
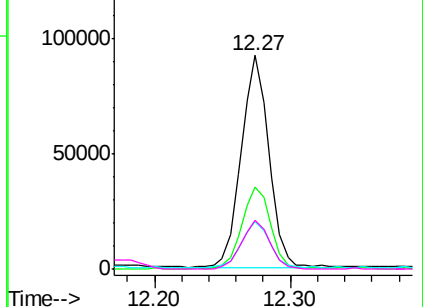
61 23.5 18.2 27.4

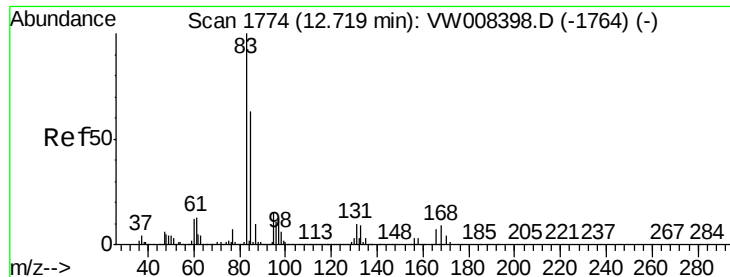
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 18.790 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW008408.D

Acq: 25 Jan 2019 13:55

Instrument :

MSVOA_W

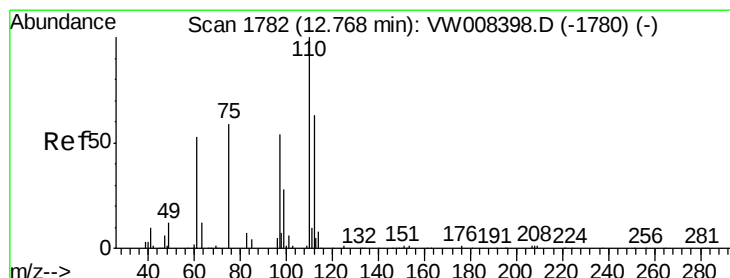
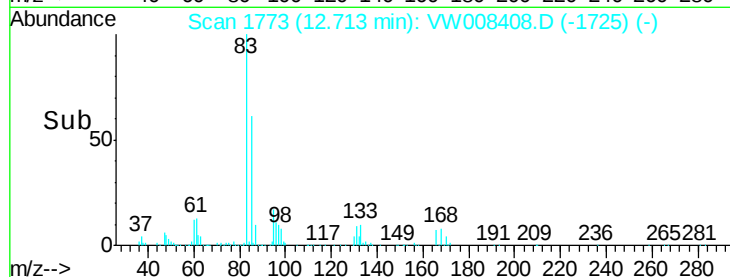
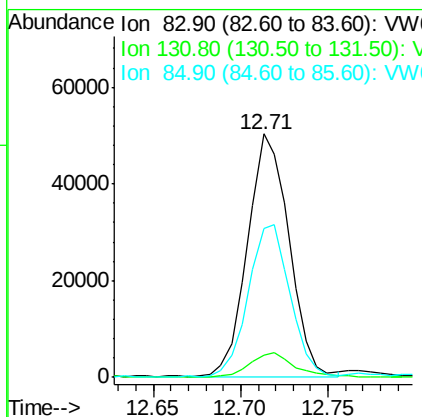
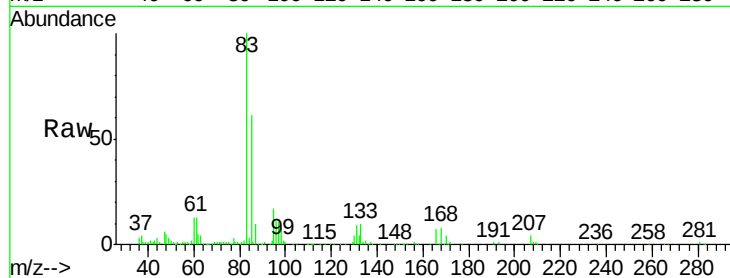
ClientSampleId :

VW0125SBS01

Tot Ion:	83	Resp:	82389
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.5	16.4
85	63.5	31.9	95.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 18.555 ug/l m

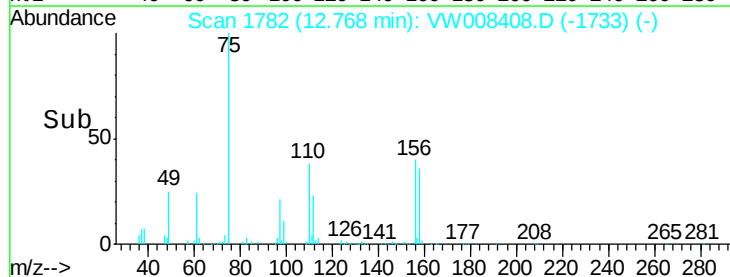
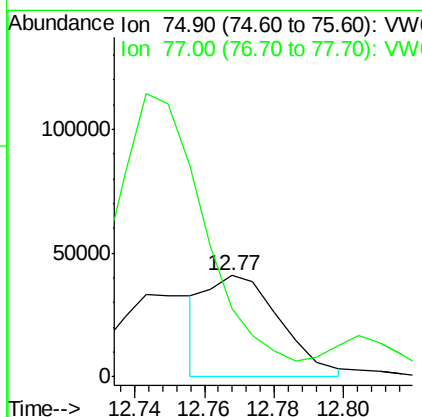
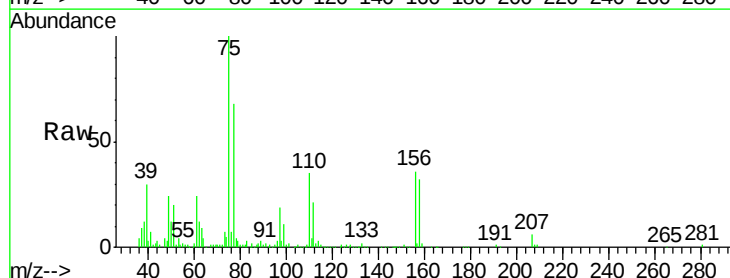
RT: 12.77 min Scan# 1782

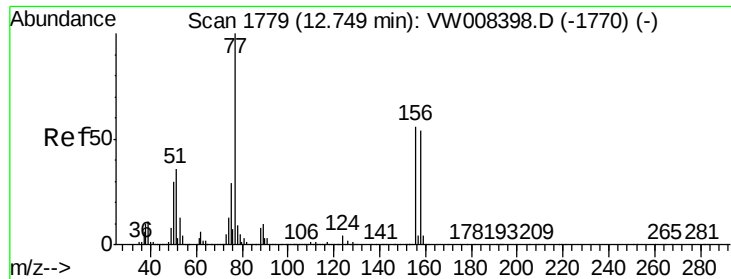
Delta R.T. 0.00 min

Lab File: VW008408.D

Acq: 25 Jan 2019 13:55

Tgt Ion:	75	Resp:	59930
Ion Ratio	Lower	Upper	
75	100		
77	0.0	180.7	542.1#





#77

Bromobenzene

Concen: 18.661 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW008408.D

Acq: 25 Jan 2019 13:55

Instrument :

MSVOA_W

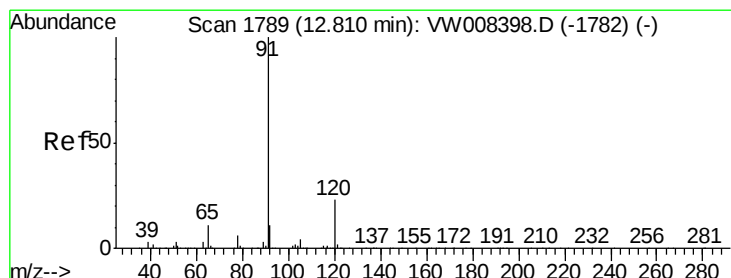
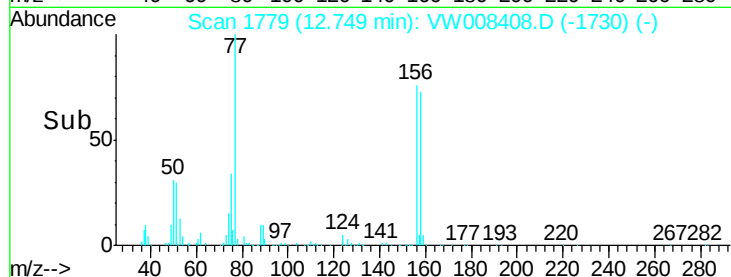
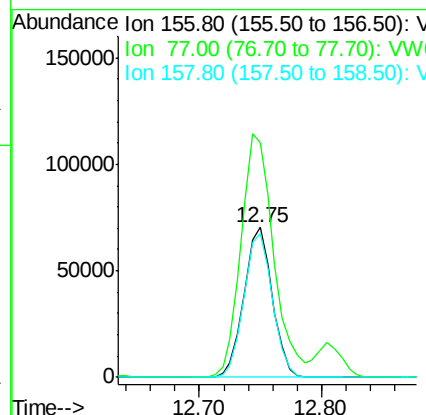
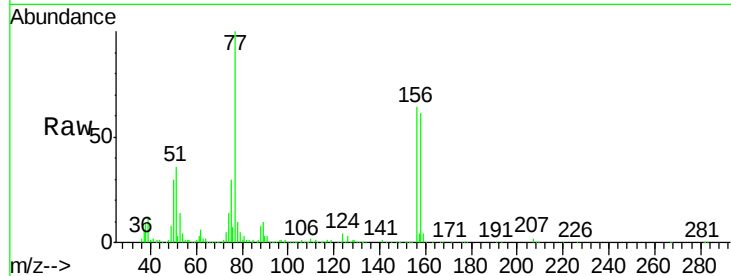
ClientSampleId :

VW0125SBSD01

Tot Ion:	156	Resp:	112871
Ion Ratio	Lower	Upper	
156	100		
77	186.8	96.9	290.7
158	96.8	48.8	146.4

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#78

n-propylbenzene

Concen: 17.812 ug/l

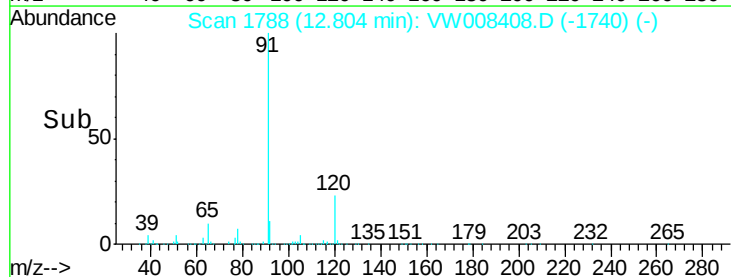
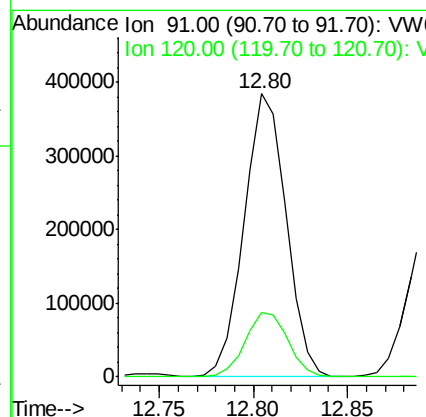
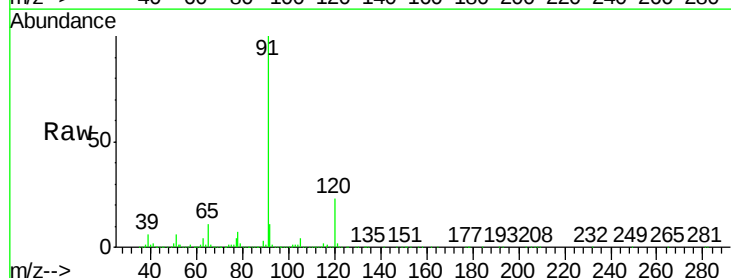
RT: 12.80 min Scan# 1788

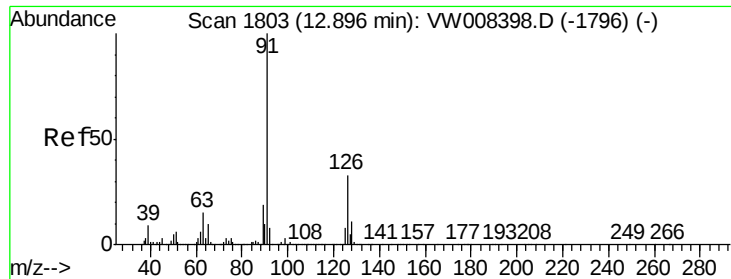
Delta R.T. -0.01 min

Lab File: VW008408.D

Acq: 25 Jan 2019 13:55

Tgt Ion:	91	Resp:	592518
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.4	34.1





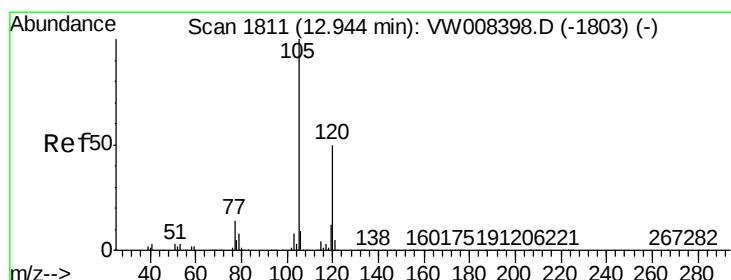
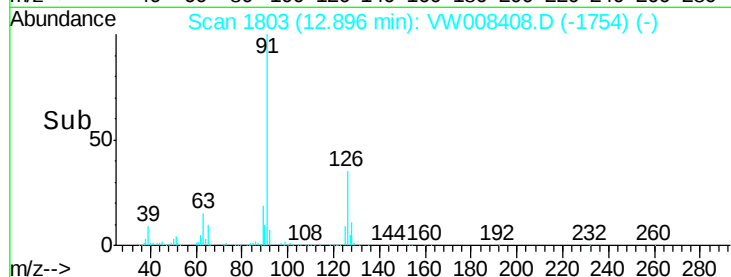
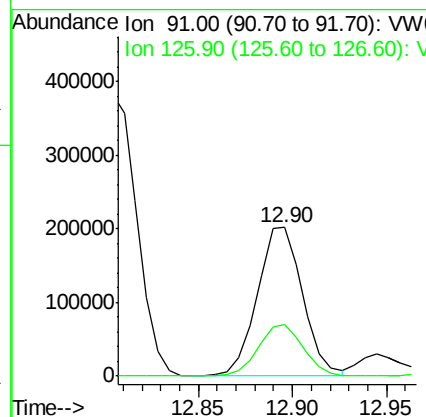
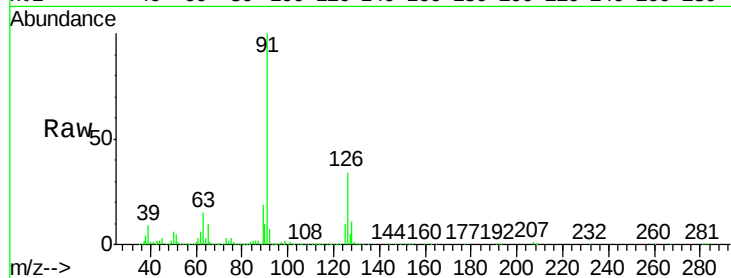
#79
2-Chlorotoluene
Concen: 17.891 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VW008408.D
Acq: 25 Jan 2019 13:55

Instrument :
MSVOA_W
ClientSampleId :
VW0125SBSD01

Tot Ion: 91 Resp: 335833
Ion Ratio Lower Upper
91 100
126 34.3 16.5 49.5

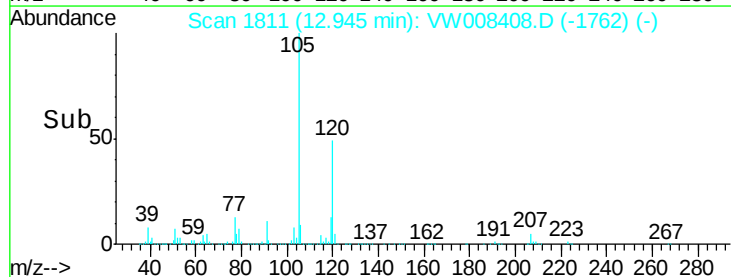
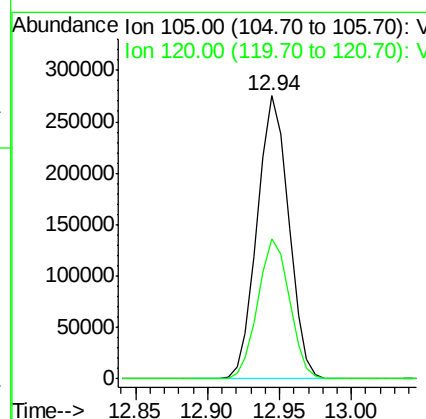
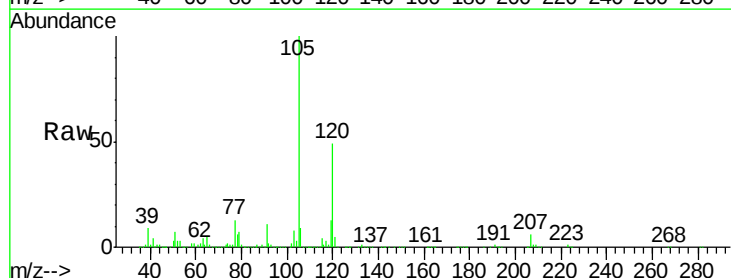
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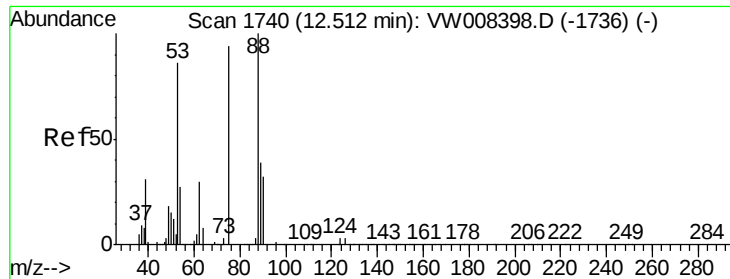
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#80
1,3,5-Trimethylbenzene
Concen: 17.931 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW008408.D
Acq: 25 Jan 2019 13:55

Tgt Ion: 105 Resp: 415086
Ion Ratio Lower Upper
105 100
120 49.9 24.6 73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 18.385 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW008408.D

Acq: 25 Jan 2019 13:55

Instrument :

MSVOA_W

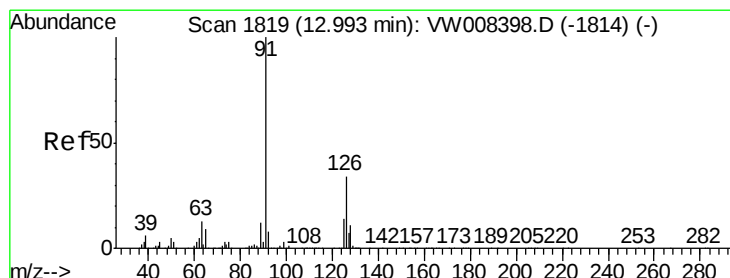
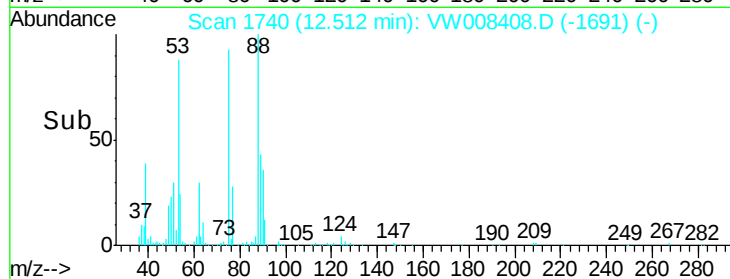
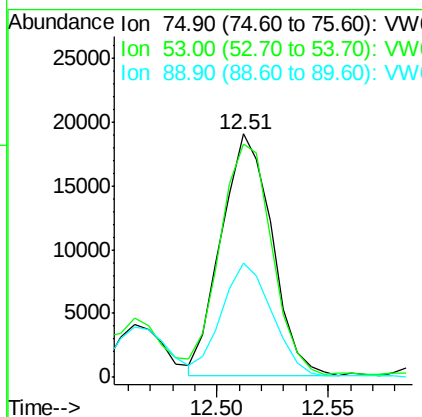
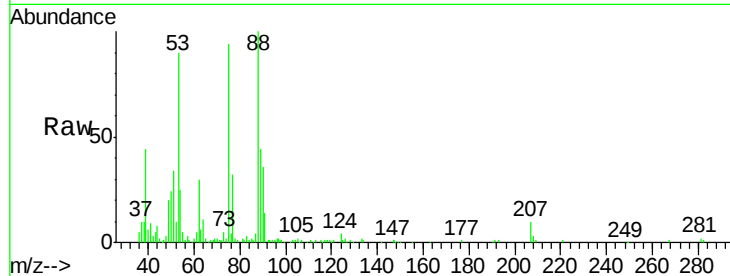
ClientSampleId :

VW0125SBS01

Tot Ion:	75	Resp:	30066
Ion	Ratio	Lower	Upper
75	100		
53	97.2	76.0	114.0
89	46.4	35.4	53.0

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#82

4-Chlorotoluene

Concen: 17.575 ug/l

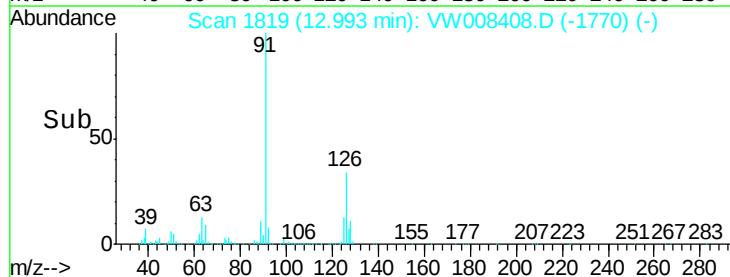
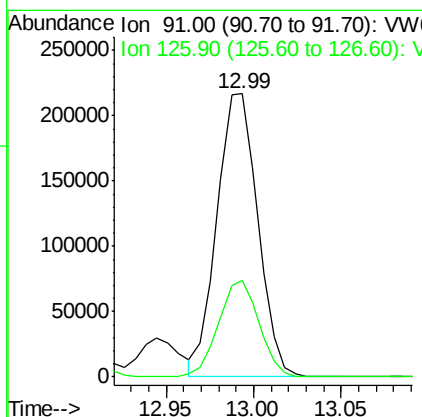
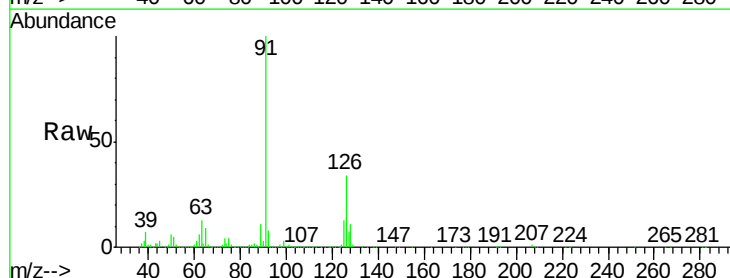
RT: 12.99 min Scan# 1819

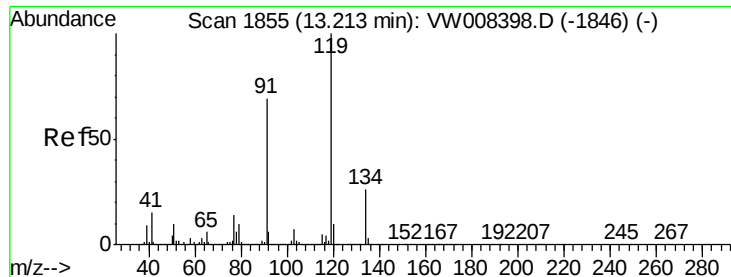
Delta R.T. 0.00 min

Lab File: VW008408.D

Acq: 25 Jan 2019 13:55

Tgt Ion:	91	Resp:	351248
Ion	Ratio	Lower	Upper
91	100		
126	33.7	16.4	49.2





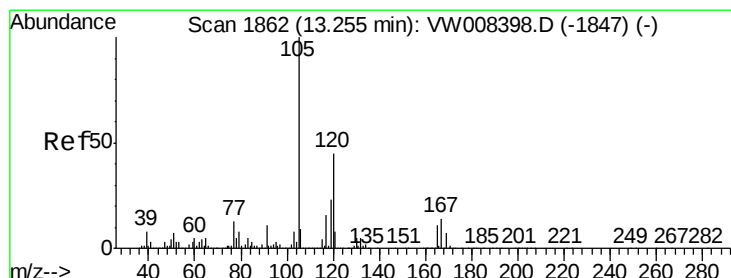
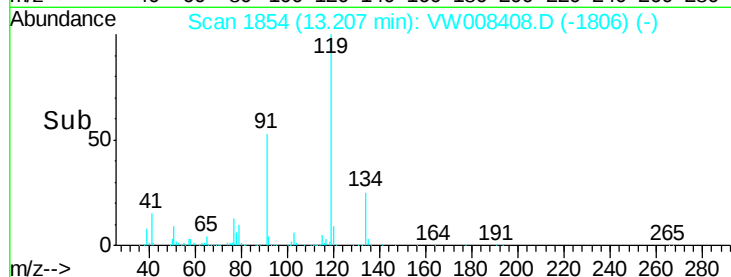
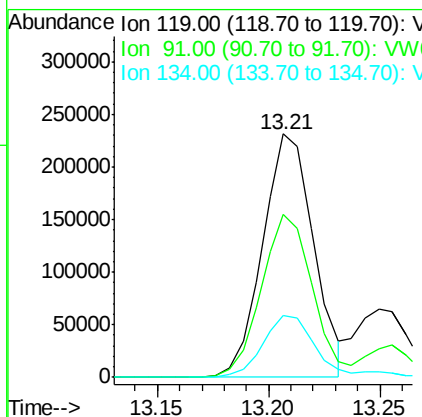
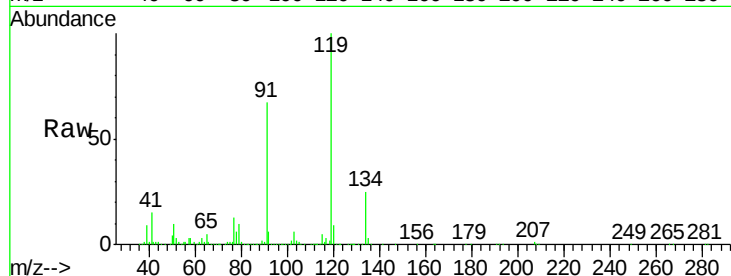
#83
tert-Butylbenzene
Concen: 17.813 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.01 min
Lab File: VW008408.D
Acq: 25 Jan 2019 13:55

Instrument :
MSVOA_W
ClientSampleId :
VW0125SBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	67.0	33.8	101.4
134	27.2	13.5	40.4

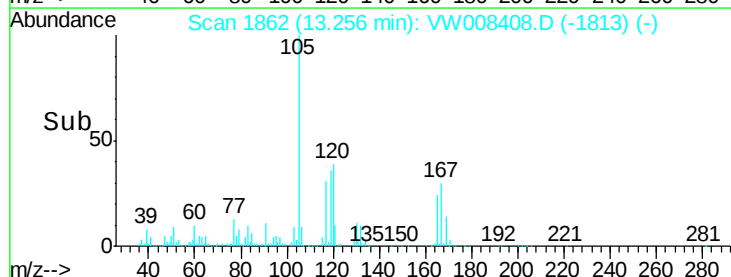
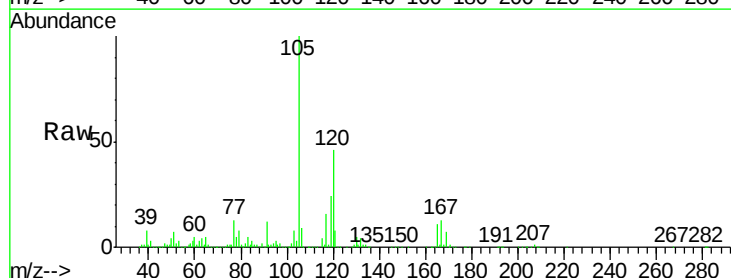
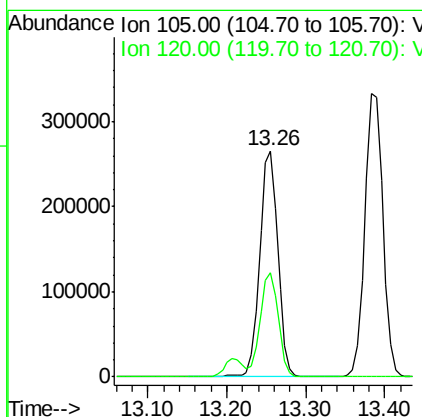
Manual Integrations
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#84
1,2,4-Trimethylbenzene
Concen: 18.051 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW008408.D
Acq: 25 Jan 2019 13:55

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	23.1	69.2





#85

sec-Butylbenzene

Concen: 17.964 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VW008408.D

Acq: 25 Jan 2019 13:55

Instrument :

MSVOA_W

ClientSampleId :

VW0125SBS01

Tot Ion:105 Resp: 528508

Ion Ratio Lower Upper

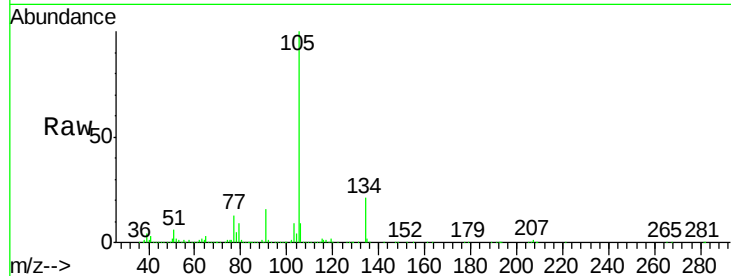
105 100

134 21.2 10.2 30.6

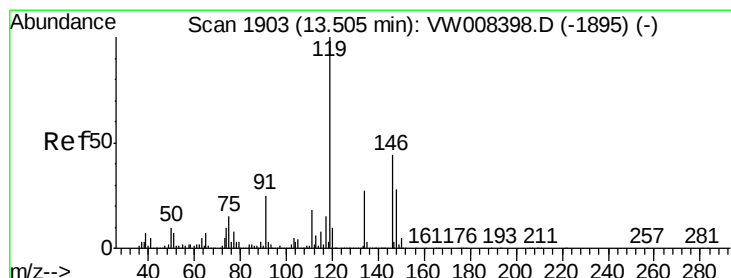
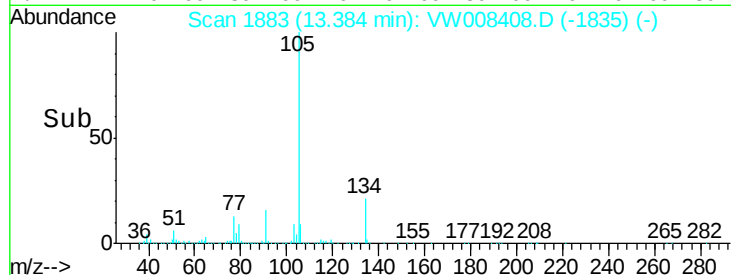
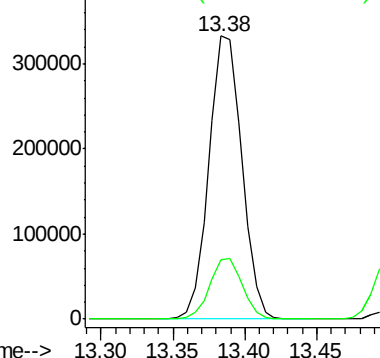
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Abundance Ion 105.00 (104.70 to 105.70): V
Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.293 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.01 min

Lab File: VW008408.D

Acq: 25 Jan 2019 13:55

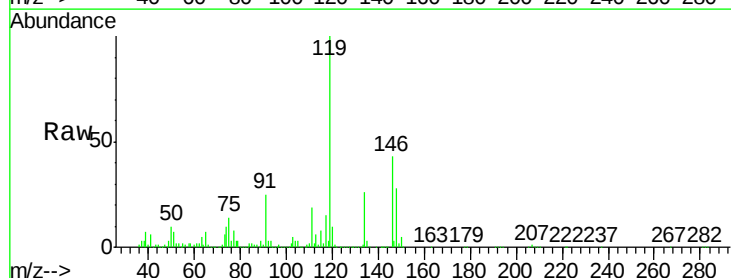
Tgt Ion:119 Resp: 471423

Ion Ratio Lower Upper

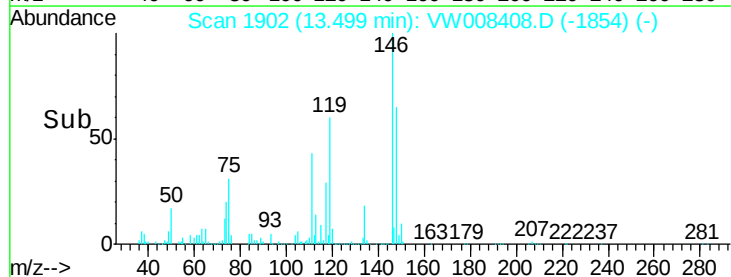
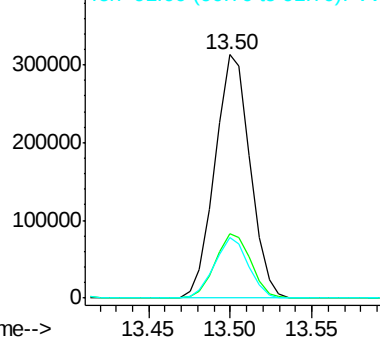
119 100

134 26.6 13.4 40.2

91 23.9 12.6 37.6



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 18.173 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.01 min

Lab File: VW008408.D

Acq: 25 Jan 2019 13:55

Instrument :

MSVOA_W

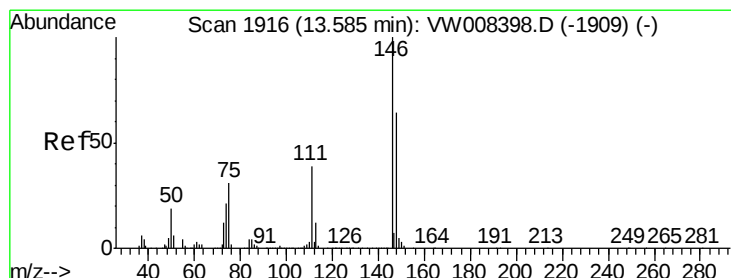
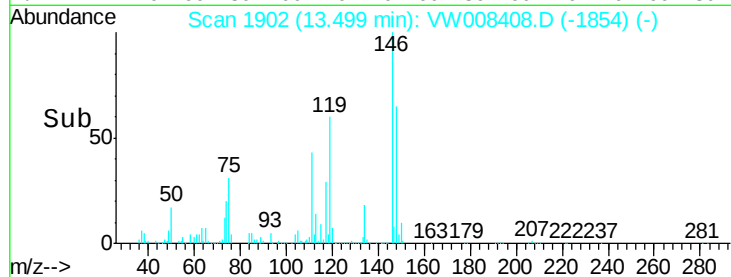
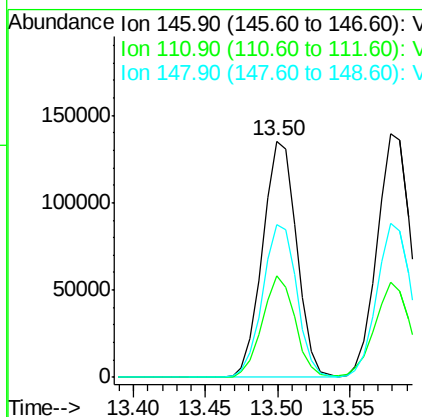
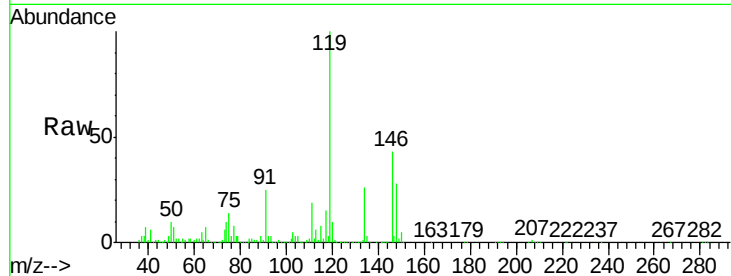
ClientSampleId :

VW0125SBSD01

Tot Ion:	146	Resp:	221988
Ion Ratio	Lower	Upper	
146	100		
111	41.2	20.3	60.9
148	64.7	31.9	95.7

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#88

1,4-Dichlorobenzene

Concen: 18.602 ug/l

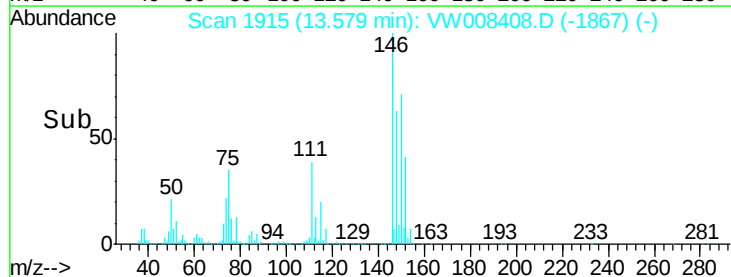
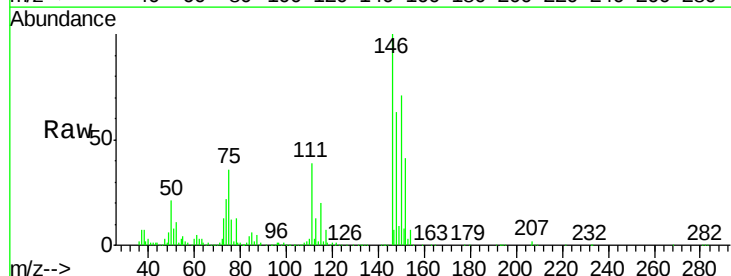
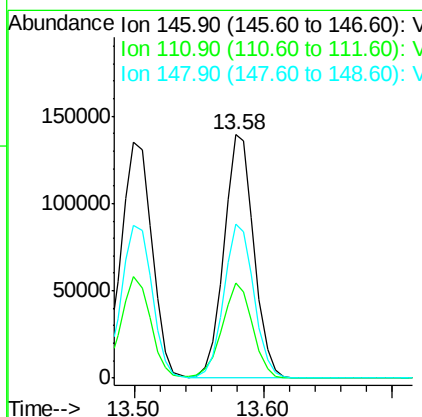
RT: 13.58 min Scan# 1915

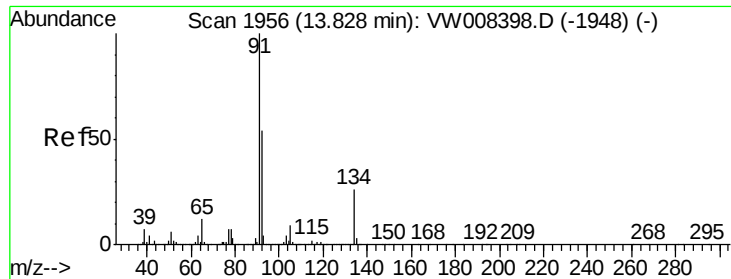
Delta R.T. -0.01 min

Lab File: VW008408.D

Acq: 25 Jan 2019 13:55

Tgt Ion:	146	Resp:	225827
Ion Ratio	Lower	Upper	
146	100		
111	40.0	20.0	60.0
148	63.9	32.0	96.2





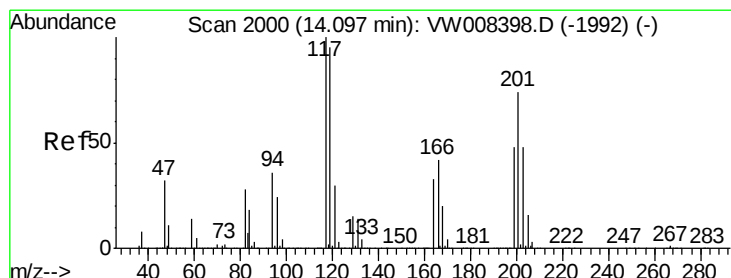
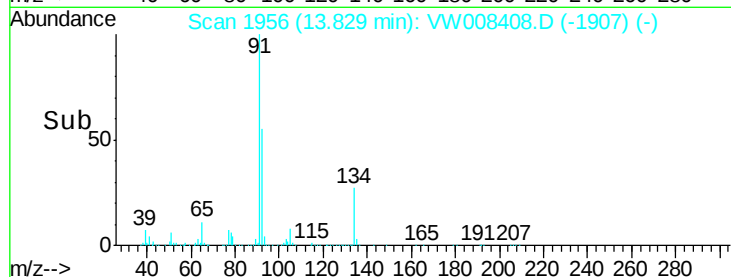
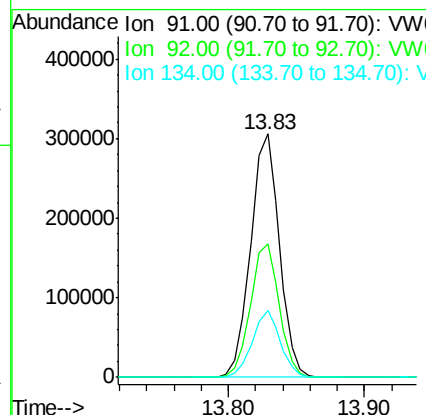
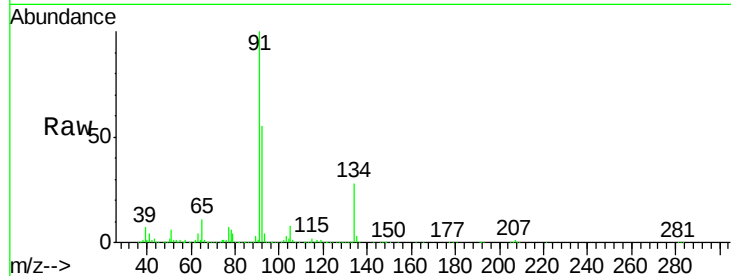
#89
n-Butylbenzene
Concen: 17.893 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW008408.D
Acq: 25 Jan 2019 13:55

Instrument :
MSVOA_W
ClientSampleId :
VW0125SBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.4	82.2
134	26.9	13.0	39.0

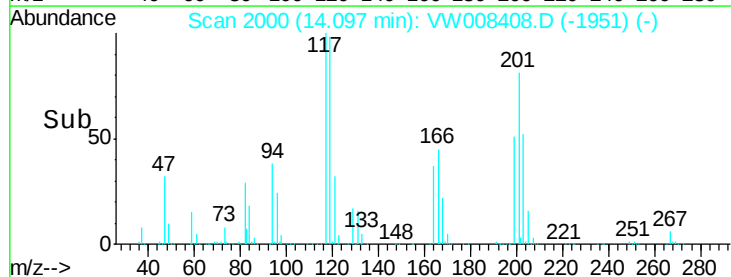
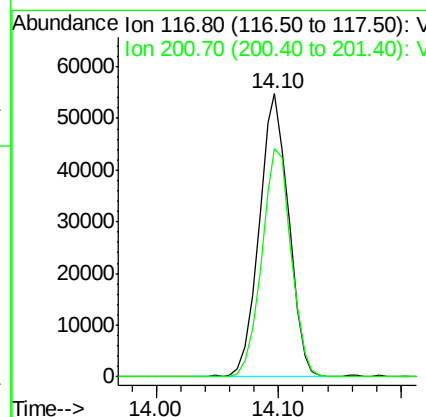
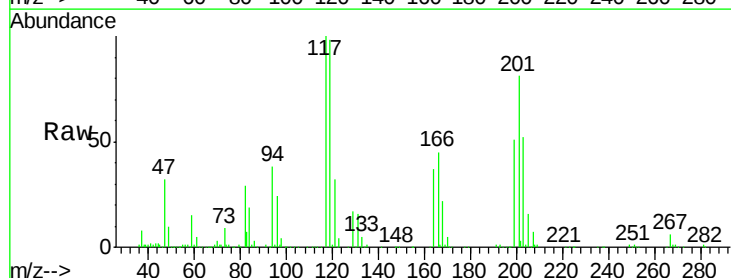
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#90
Hexachloroethane
Concen: 18.099 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW008408.D
Acq: 25 Jan 2019 13:55

Tgt Ion	Ratio	Lower	Upper
117	100		
201	80.9	39.1	117.5





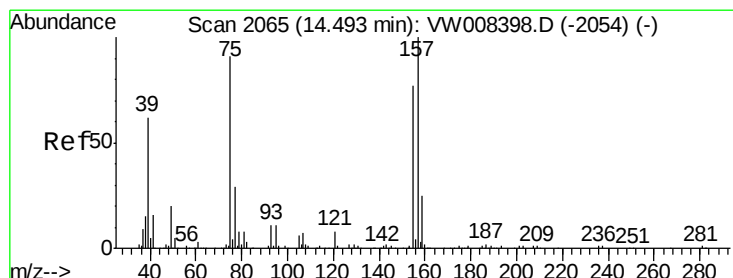
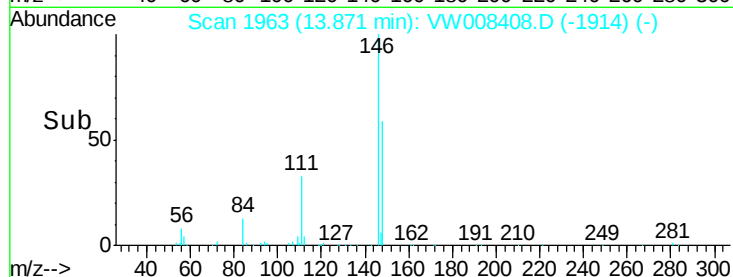
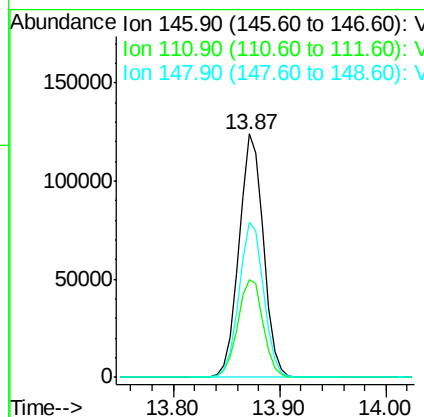
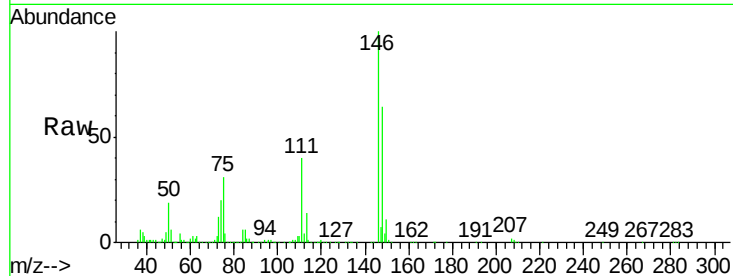
#91
 1,2-Dichlorobenzene
 Concen: 18.451 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW008408.D
 Acq: 25 Jan 2019 13:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0125SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	21.1	63.3
148	64.6	31.9	95.5

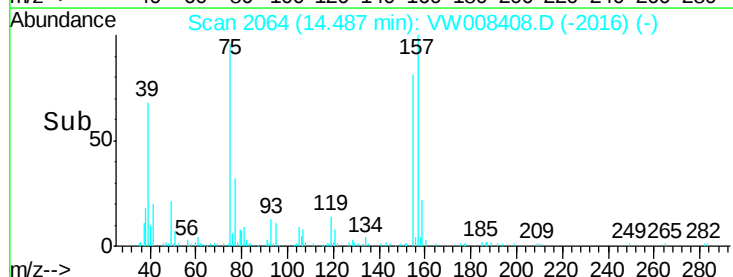
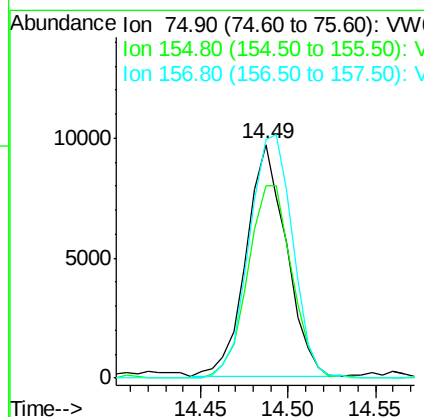
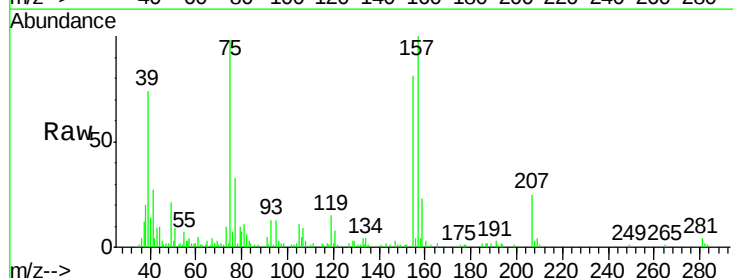
Manual Integrations
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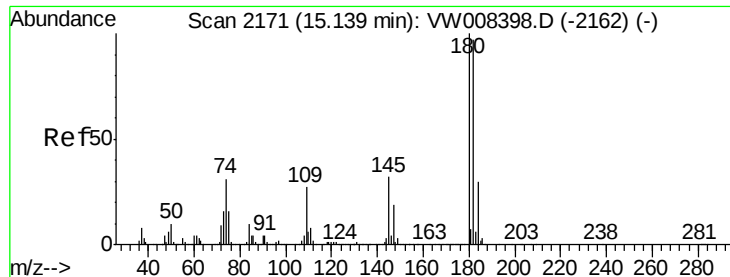
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.689 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: VW008408.D
 Acq: 25 Jan 2019 13:55

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.8	42.7	128.1
157	112.6	55.5	166.3





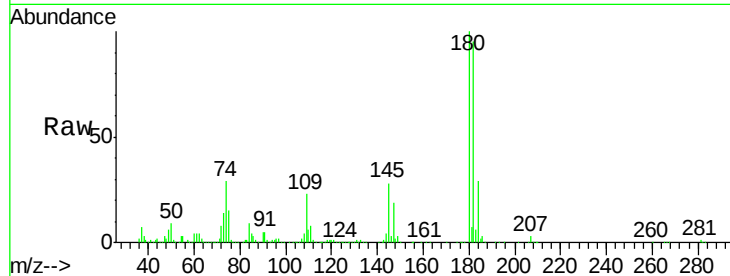
#93
 1,2,4-Trichlorobenzene
 Concen: 19.247 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW008408.D
 Acq: 25 Jan 2019 13:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0125SBS01

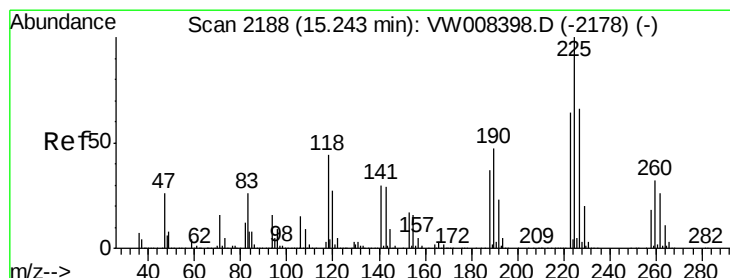
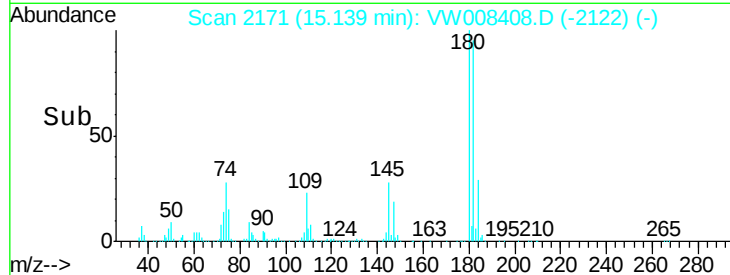
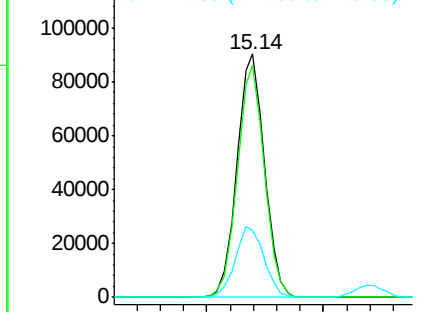
Tot Ion	Ratio	Resp	Lower	Upper
180	100	148456		
182	93.6	47.9	143.7	
145	30.3	15.5	46.5	

Manual Integrations
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MMDadoda
 1/28/2019 12:45:52 PM

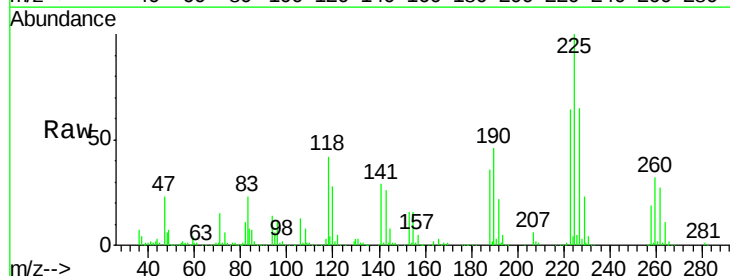


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

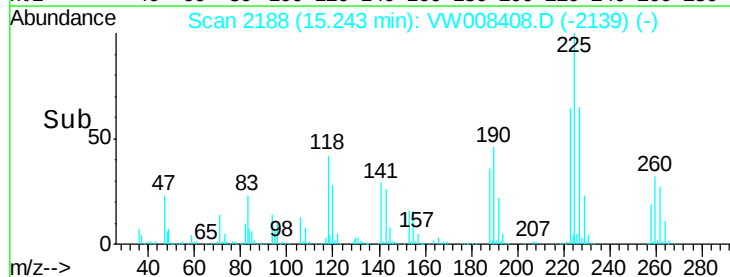
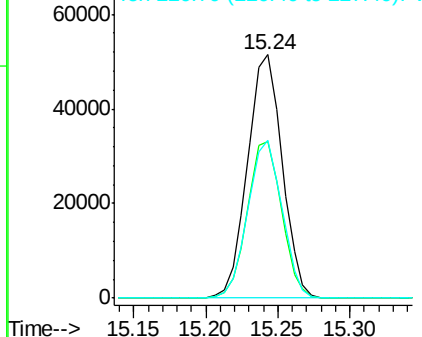


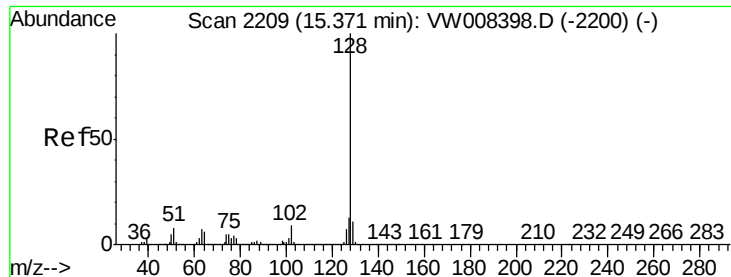
#94
 Hexachlorobutadiene
 Concen: 18.468 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW008408.D
 Acq: 25 Jan 2019 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	85845		
223	63.6	31.7	95.1	
227	64.0	32.1	96.3	



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





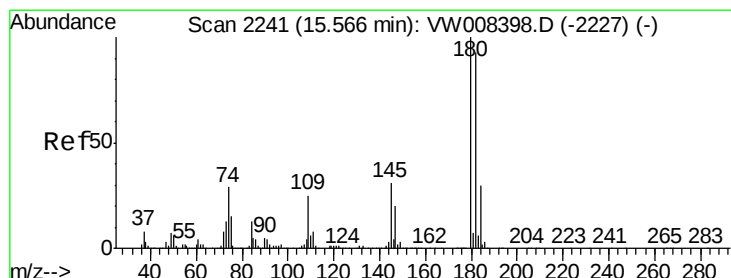
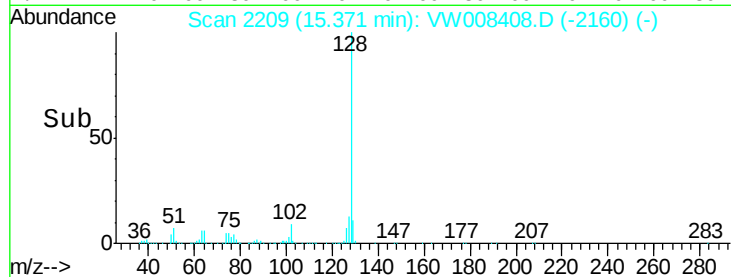
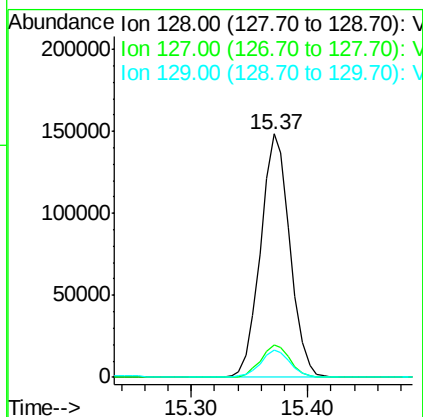
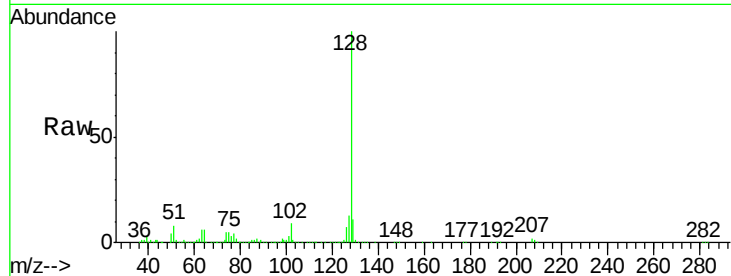
#95
Naphthalene
Concen: 19.196 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW008408.D
Acq: 25 Jan 2019 13:55

Instrument :
MSVOA_W
ClientSampleId :
VW0125SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	259971		
127	13.3	10.6	15.8	
129	11.3	8.7	13.1	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 19.181 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.01 min
Lab File: VW008408.D
Acq: 25 Jan 2019 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	125500		
182	95.5	47.0	141.2	
145	31.9	15.9	47.6	

