

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW013019\
 Data File : VW008457.D
 Acq On : 30 Jan 2019 11:25
 Operator : SY/VA
 Sample : VW0130SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0130SBS01

Manual Integrations
 APPROVED

MMDadoda
 2/1/2019 10:47:04 AM

Quant Time: Jan 31 02:10:20 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	419396	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	630262	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	548434	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	273406	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	192753	46.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.56%	
35) Dibromofluoromethane	7.88	113	196670	53.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.74%	
50) Toluene-d8	10.32	98	781084	52.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.70%	
62) 4-Bromofluorobenzene	12.62	95	275755	48.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	35344	16.887	ug/l	97
3) Chloromethane	2.21	50	52264	15.267	ug/l	94
4) Vinyl Chloride	2.37	62	77099	17.692	ug/l	96
5) Bromomethane	2.78	94	56115	19.963	ug/l	94
6) Chloroethane	2.93	64	50684	19.017	ug/l	99
7) Trichlorofluoromethane	3.26	101	57881	18.552	ug/l	95
8) Diethyl Ether	3.68	74	34721	16.601	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.06	101	72551	19.126	ug/l	98
10) Methyl Iodide	4.26	142	113705	18.978	ug/l	99
11) Tert butyl alcohol	5.17	59	25889	78.044	ug/l	99
12) 1,1-Dichloroethene	4.03	96	69369	18.070	ug/l	96
13) Acrolein	3.88	56	26554	93.396	ug/l	98
14) Allyl chloride	4.66	41	120566	16.540	ug/l	98
15) Acrylonitrile	5.36	53	69897	77.394	ug/l	98
16) Acetone	4.12	43	71353	77.118	ug/l	98
17) Carbon Disulfide	4.37	76	216028	17.620	ug/l	98
18) Methyl Acetate	4.67	43	35122	14.232	ug/l	92
19) Methyl tert-butyl Ether	5.42	73	103943	16.365	ug/l	98
20) Methylene Chloride	4.91	84	76509	17.941	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	77509	17.959	ug/l	94
22) Diisopropyl ether	6.31	45	220037	15.927	ug/l	97
23) Vinyl Acetate	6.25	43	610343	74.818	ug/l	97
24) 1,1-Dichloroethane	6.21	63	131814	16.856	ug/l	99
25) 2-Butanone	7.17	43	93535	72.781	ug/l	99
26) 2,2-Dichloropropane	7.16	77	95798	18.123	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	81958	17.425	ug/l	97
28) Bromochloromethane	7.51	49	59314	16.514	ug/l	93
29) Tetrahydrofuran	7.52	42	57681	70.826	ug/l	94
30) Chloroform	7.67	83	132668	17.248	ug/l	97
31) Cyclohexane	7.95	56	136825	16.921	ug/l	# 96
32) 1,1,1-Trichloroethane	7.87	97	120593	18.152	ug/l	99
36) 1,1-Dichloropropene	8.08	75	111826	18.783	ug/l	97
37) Ethyl Acetate	7.25	43	41070	15.592	ug/l	97
38) Carbon Tetrachloride	8.07	117	117598	19.629	ug/l	95

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	145359	18.586	ug/l	94
40) Benzene	8.32	78	301761	18.266	ug/l	96
41) Methacrylonitrile	7.49	41	24726	15.854	ug/l	96
42) 1,2-Dichloroethane	8.40	62	81710	17.067	ug/l	98
43) Isopropyl Acetate	8.42	43	82253	15.031	ug/l	95
44) Trichloroethene	9.09	130	87139	19.397	ug/l	95
45) 1,2-Dichloropropane	9.37	63	71445	17.345	ug/l	94
46) Dibromomethane	9.46	93	38194	18.028	ug/l	98
47) Bromodichloromethane	9.64	83	97413	17.383	ug/l	99
48) Methyl methacrylate	9.43	41	38834	14.513	ug/l	97
49) 1,4-Dioxane	9.45	88	12658	353.464	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	199448	73.775	ug/l	99
52) Toluene	10.38	92	194429	17.829	ug/l	97
53) t-1,3-Dichloropropene	10.60	75	98794	16.568	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	118160	17.461	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	51076	17.381	ug/l	97
56) Ethyl methacrylate	10.65	69	63285	15.369	ug/l	96
57) 1,3-Dichloropropane	10.93	76	88834	16.874	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	161470	80.708	ug/l	96
59) 2-Hexanone	10.97	43	137937	72.274	ug/l	100
60) Dibromochloromethane	11.13	129	65570	17.363	ug/l	99
61) 1,2-Dibromoethane	11.24	107	48058	16.493	ug/l	97
64) Tetrachloroethene	10.86	164	73959	19.918	ug/l	94
65) Chlorobenzene	11.66	112	211833	18.921	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	74754	18.663	ug/l	96
67) Ethyl Benzene	11.73	91	381487	18.538	ug/l	98
68) m/p-Xylenes	11.84	106	297386	37.245	ug/l	97
69) o-Xylene	12.16	106	140419	18.509	ug/l	97
70) Styrene	12.18	104	221301	17.660	ug/l	98
71) Bromoform	12.35	173	38119	16.914	ug/l #	98
73) Isopropylbenzene	12.46	105	392819	19.272	ug/l	100
74) N-amyl acetate	12.27	43	78465	14.943	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	54435	16.868	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	38734m	16.295	ug/l	
77) Bromobenzene	12.75	156	84963	19.087	ug/l	93
78) n-propylbenzene	12.80	91	463059	18.915	ug/l	98
79) 2-Chlorotoluene	12.90	91	256898	18.596	ug/l	96
80) 1,3,5-Trimethylbenzene	12.94	105	320917	18.837	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	18826	15.642	ug/l	97
82) 4-Chlorotoluene	12.99	91	263407	17.909	ug/l	95
83) tert-Butylbenzene	13.21	119	293971	19.390	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	322993	18.652	ug/l	99
85) sec-Butylbenzene	13.39	105	409603	18.918	ug/l	98
86) p-Isopropyltoluene	13.50	119	361704	19.072	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	172540	19.192	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	169580	18.981	ug/l	99
89) n-Butylbenzene	13.83	91	344647	18.508	ug/l	98
90) Hexachloroethane	14.10	117	70258	18.943	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	149689	18.818	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9848	16.084	ug/l	95

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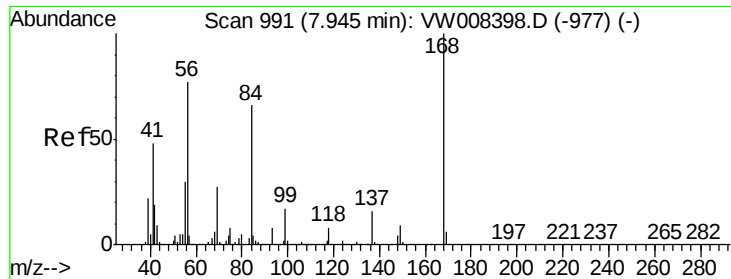
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	108655	19.141	ug/l	99
94) Hexachlorobutadiene	15.24	225	68553	20.039	ug/l	99
95) Naphthalene	15.37	128	173758	17.433	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	89981	18.687	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008457.D

Acq: 30 Jan 2019 11:25

Instrument :

MSVOA_W

ClientSampleId :

VW0130SBS01

Tot Ion:168 Resp: 419396

Ion Ratio Lower Upper

168 100

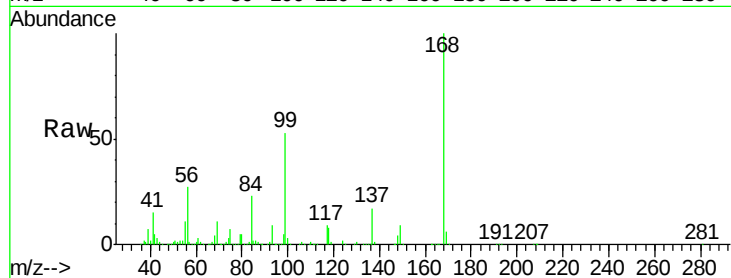
99 52.8 45.5 68.3

Manual Integrations

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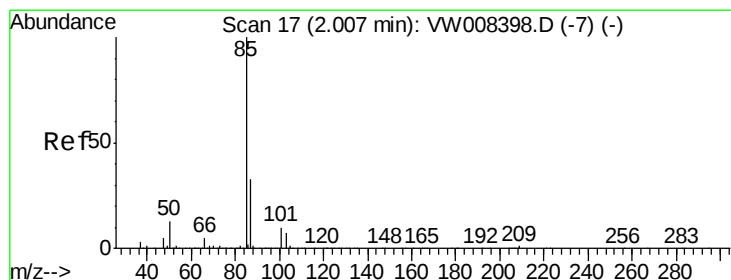
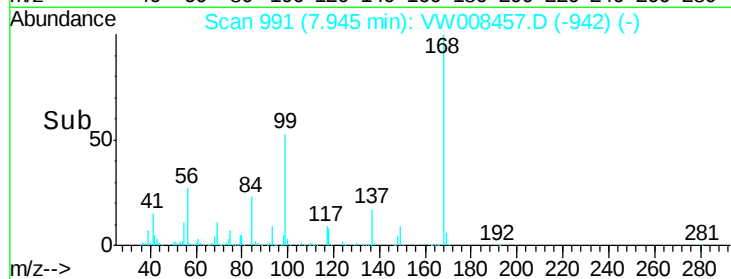
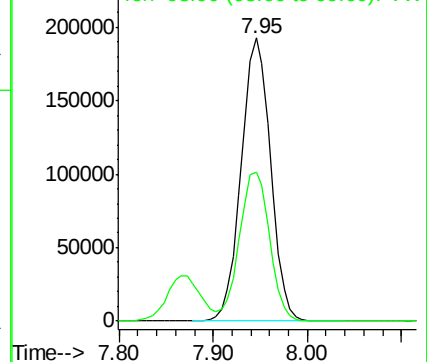
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 16.887 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.01 min

Lab File: VW008457.D

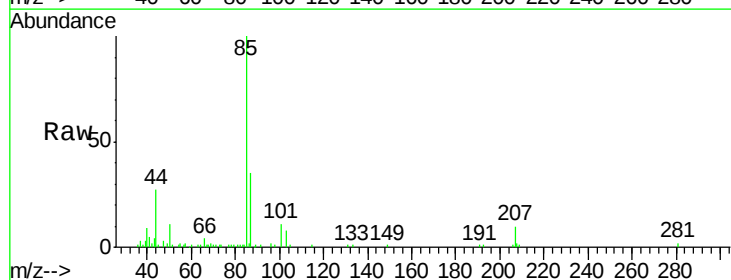
Acq: 30 Jan 2019 11:25

Tgt Ion: 85 Resp: 35344

Ion Ratio Lower Upper

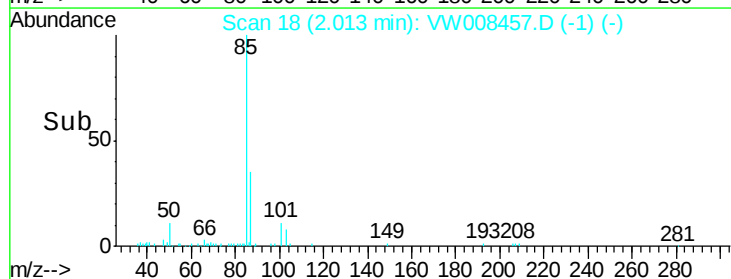
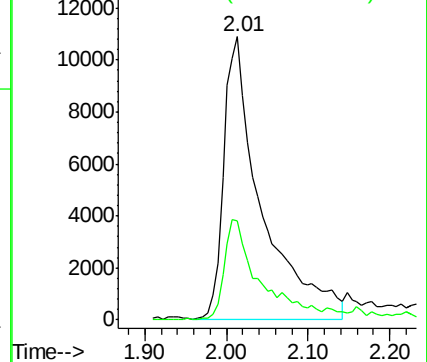
85 100

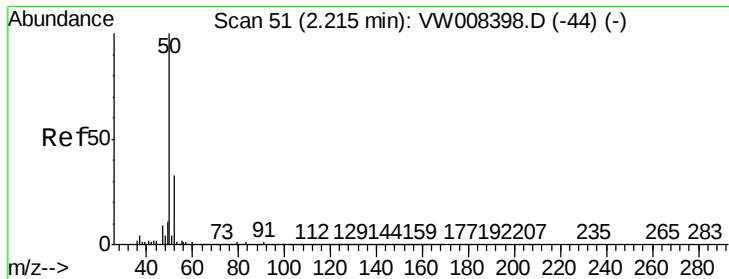
87 34.9 16.7 50.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 15.267 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW008457.D

Acq: 30 Jan 2019 11:25

Instrument :

MSVOA_W

ClientSampleId :

VW0130SBS01

Tot Ion: 50 Resp: 52264

Ion Ratio Lower Upper

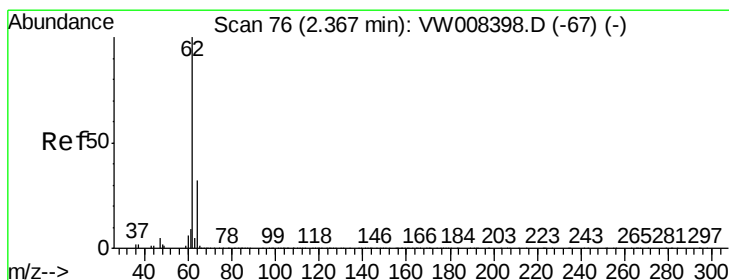
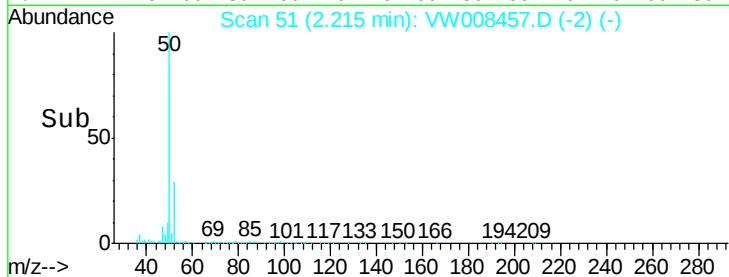
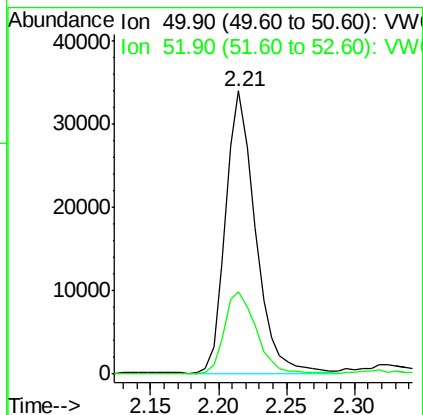
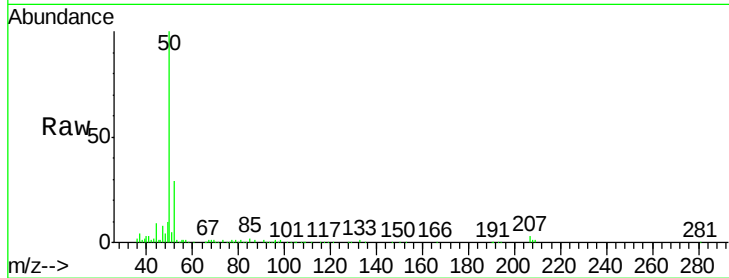
50 100

52 29.3 26.3 39.5

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#4

Vinyl Chloride

Concen: 17.692 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW008457.D

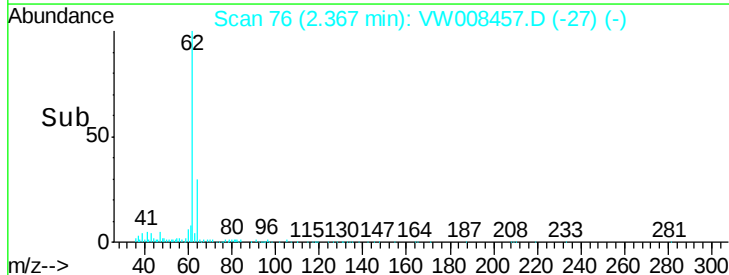
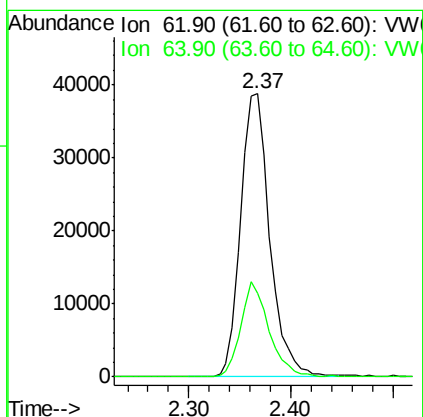
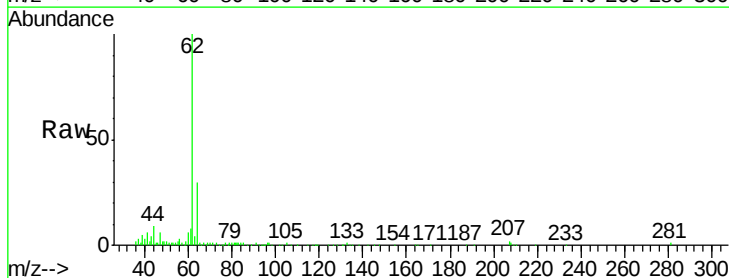
Acq: 30 Jan 2019 11:25

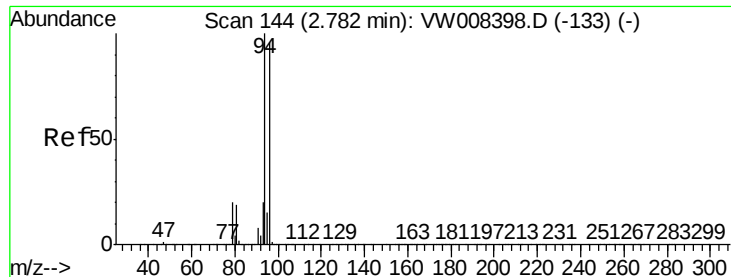
Tgt Ion: 62 Resp: 77099

Ion Ratio Lower Upper

62 100

64 29.7 25.5 38.3





#5

Bromomethane

Concen: 19.963 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW008457.D

Acq: 30 Jan 2019 11:25

Instrument :

MSVOA_W

ClientSampleId :

VW0130SBS01

Tot Ion: 94 Resp: 56115

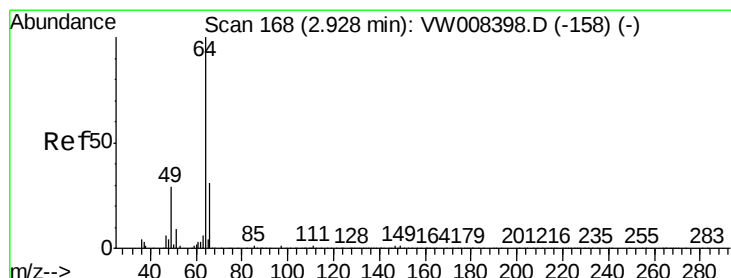
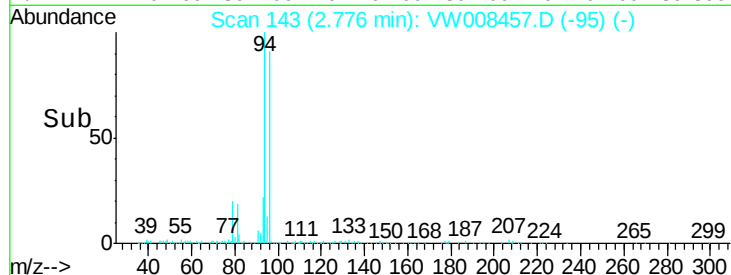
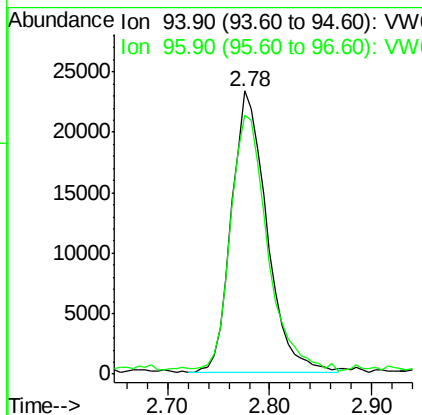
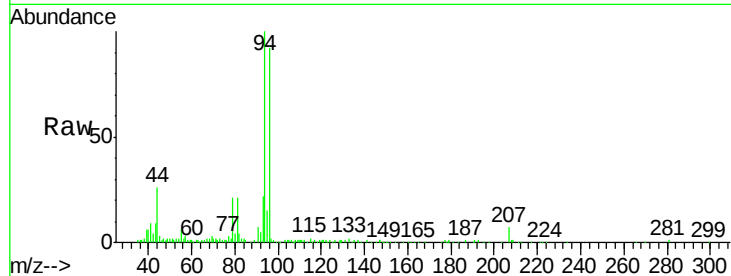
Ion Ratio Lower Upper

94 100

96 91.1 77.2 115.8

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#6

Chloroethane

Concen: 19.017 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW008457.D

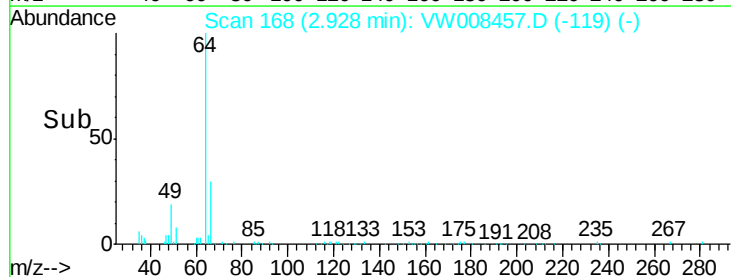
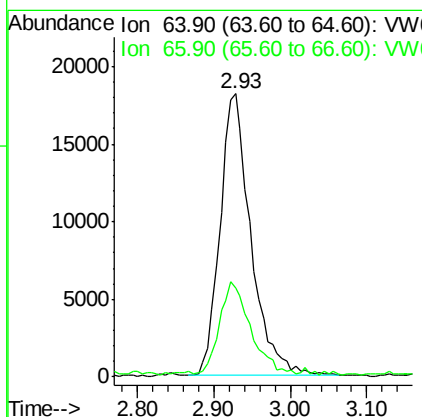
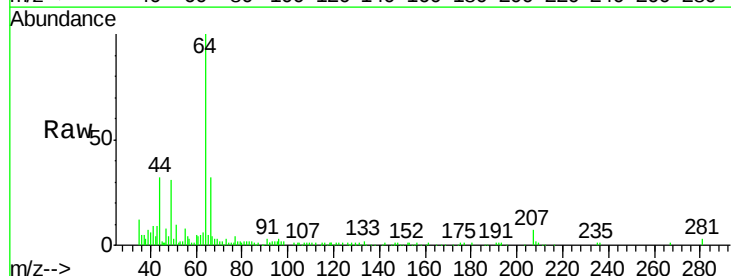
Acq: 30 Jan 2019 11:25

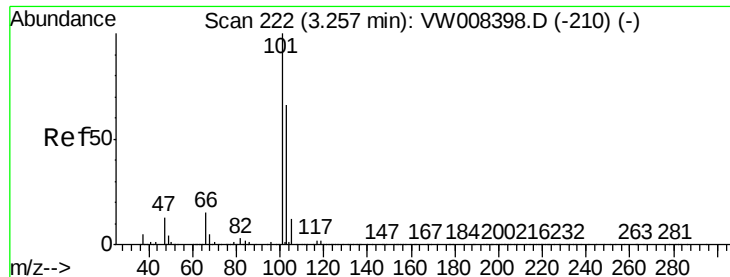
Tgt Ion: 64 Resp: 50684

Ion Ratio Lower Upper

64 100

66 30.8 24.9 37.3





#7

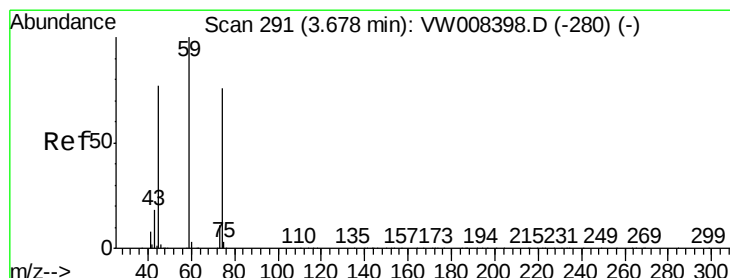
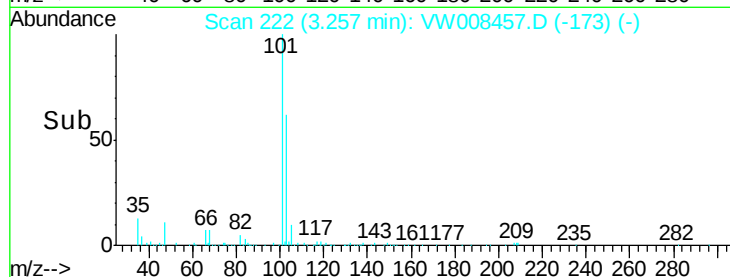
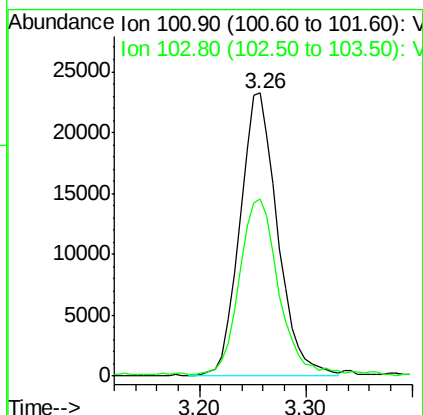
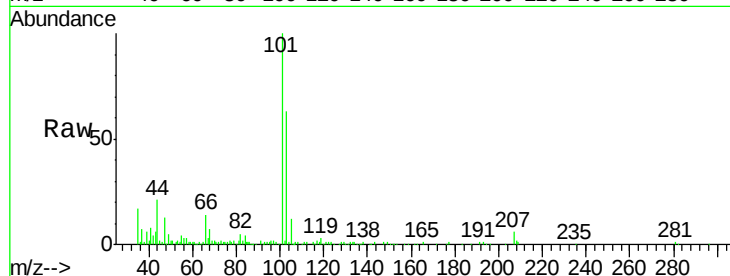
Trichlorofluoromethane
Concen: 18.552 ug/l
RT: 3.26 min Scan# 222
Delta R.T. 0.00 min
Lab File: VW008457.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	61.9	52.5	78.7

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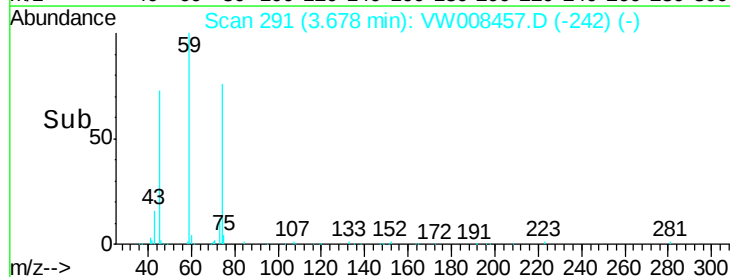
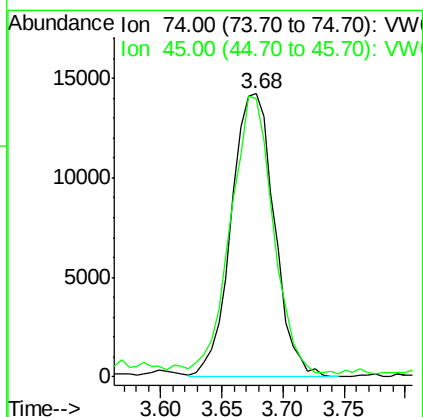
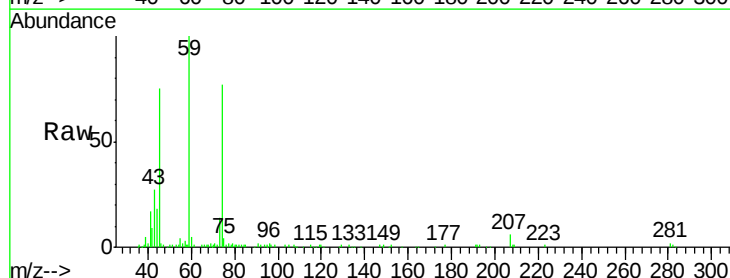
MMDadoda
2/1/2019 10:47:04 AM

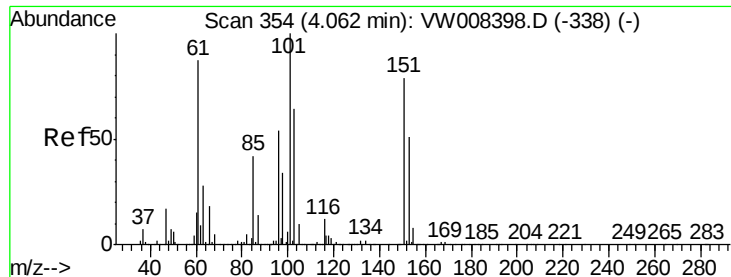


#8

Diethyl Ether
Concen: 16.601 ug/l
RT: 3.68 min Scan# 291
Delta R.T. 0.00 min
Lab File: VW008457.D
Acq: 30 Jan 2019 11:25

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.1	51.7	155.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.126 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW008457.D

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Instrument :

MSVOA_W

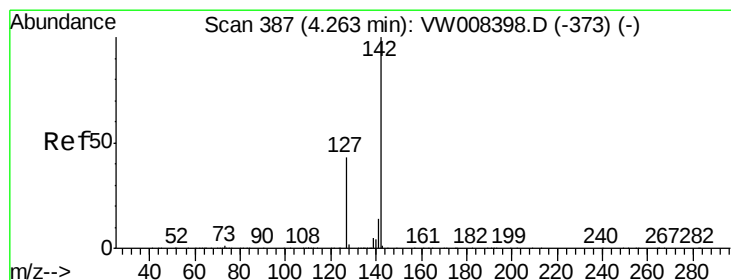
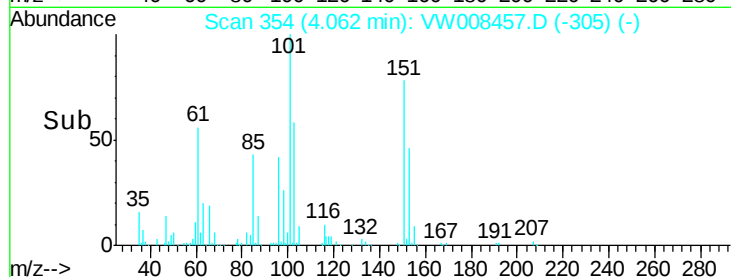
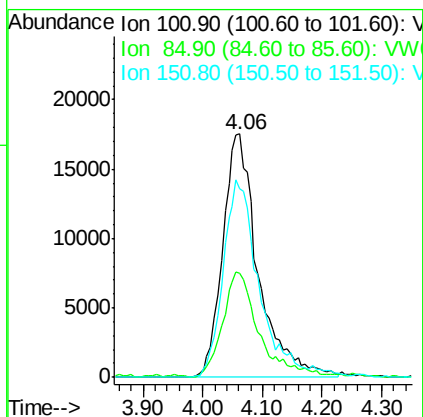
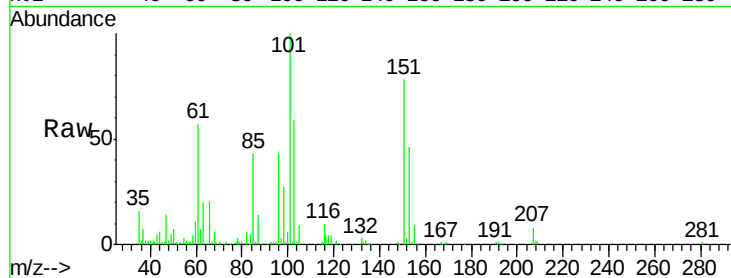
ClientSampleId :

VW0130SBS01

Tot Ion:	101	Resp:	72551
Ion Ratio	Lower	Upper	
101	100		
85	44.2	35.0	52.4
151	80.5	62.6	94.0

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#10

Methyl Iodide

Concen: 18.978 ug/l

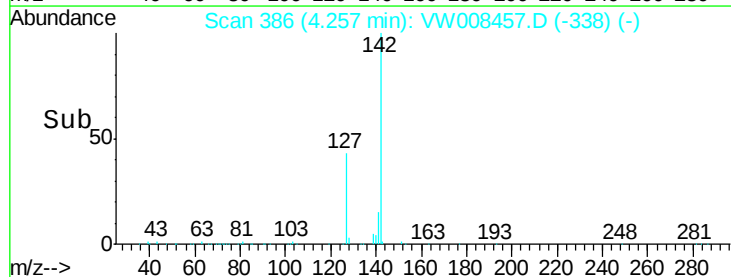
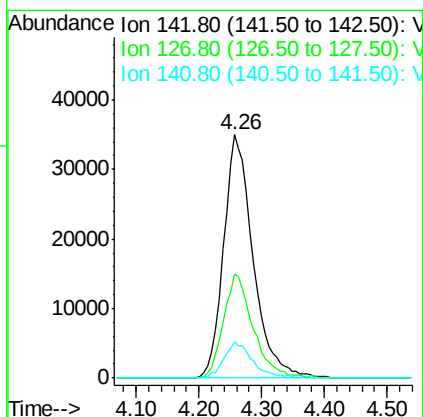
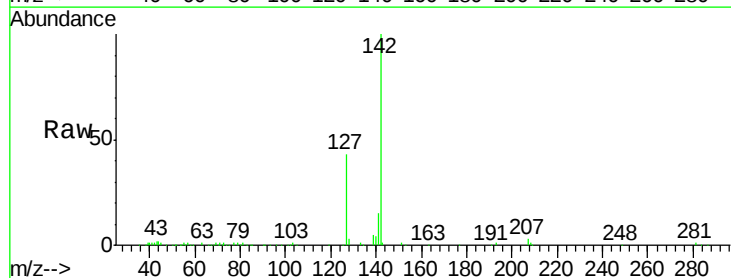
RT: 4.26 min Scan# 386

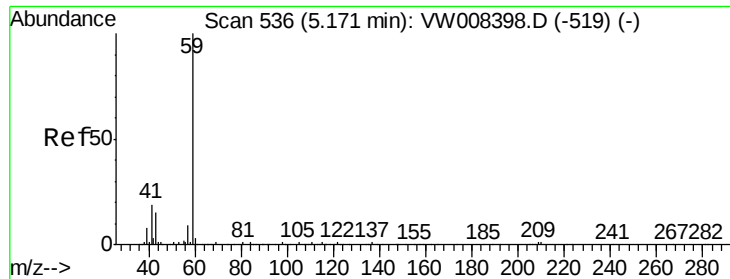
Delta R.T. -0.01 min

Lab File: VW008457.D

Acq: 30 Jan 2019 11:25

Tgt Ion:	142	Resp:	113705
Ion Ratio	Lower	Upper	
142	100		
127	42.9	34.6	52.0
141	14.5	11.4	17.2





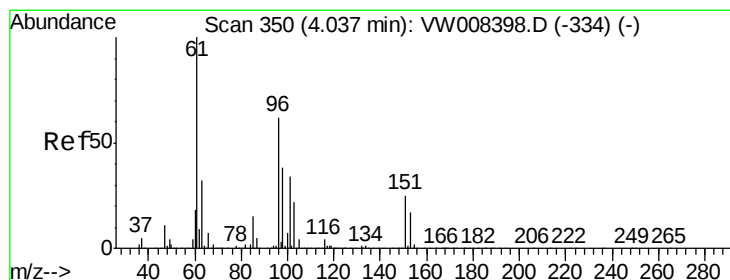
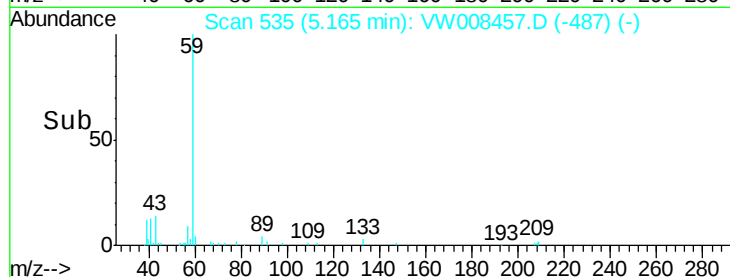
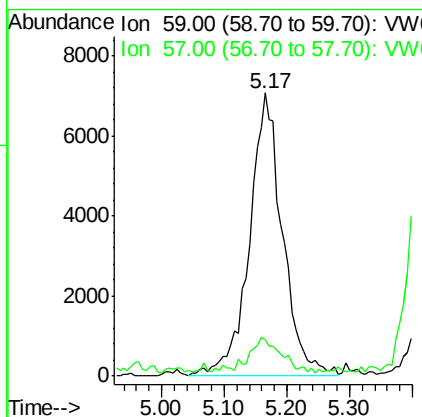
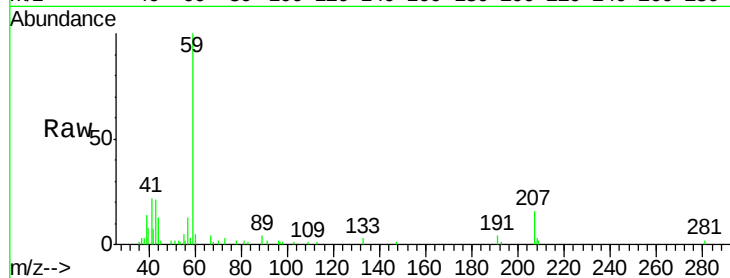
#11
Tert butyl alcohol
Concen: 78.044 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.01 min
Lab File: VW008457.D
Acq: 30 Jan 2019 11:25

Instrument :
MSVOA_W
ClientSampleId :
VW0130SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	12.1	9.3	13.9

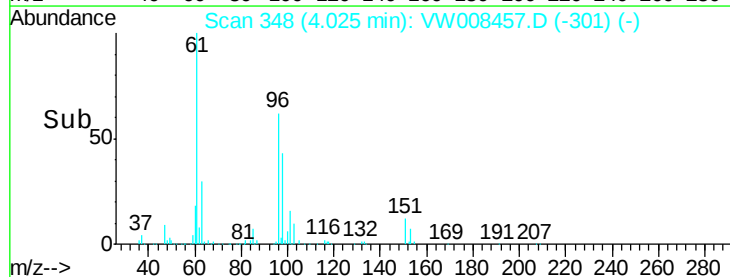
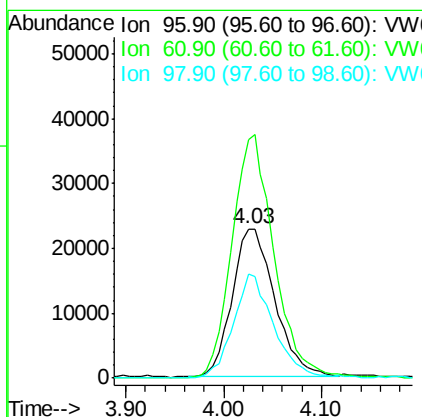
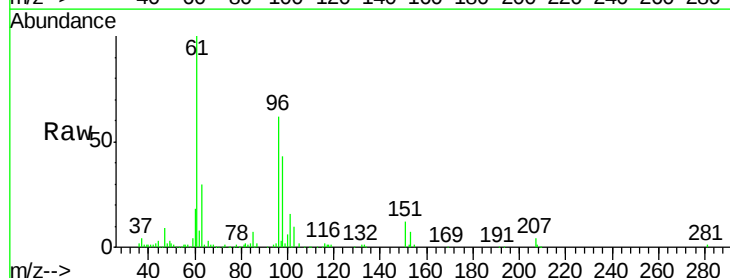
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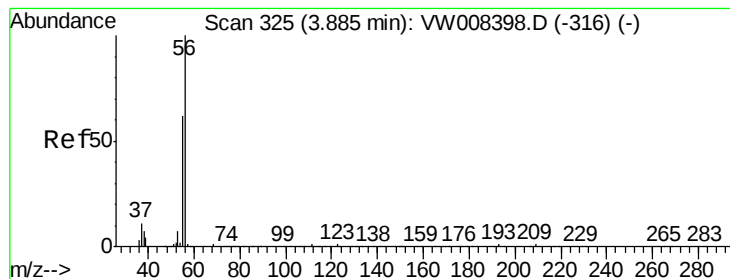
MMDadoda
2/1/2019 10:47:04 AM



#12
1,1-Dichloroethene
Concen: 18.070 ug/l
RT: 4.03 min Scan# 348
Delta R.T. -0.01 min
Lab File: VW008457.D
Acq: 30 Jan 2019 11:25

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.9	129.5	194.3
98	69.3	48.6	73.0





#13

Acrolein

Concen: 93.396 ug/l

RT: 3.88 min Scan# 324

Delta R.T. -0.01 min

Lab File: VW008457.D

Acq: 30 Jan 2019 11:25

Instrument :

MSVOA_W

ClientSampleId :

VW0130SBS01

Tot Ion: 56 Resp: 26554

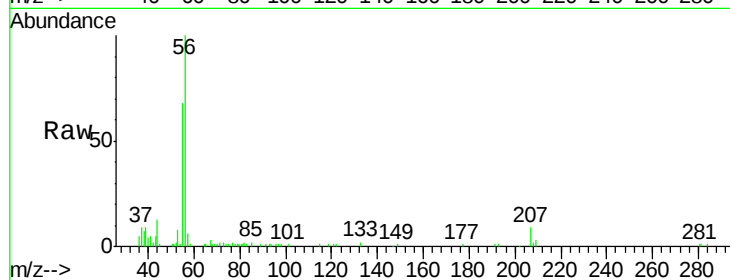
Ion Ratio Lower Upper

56 100

55 69.4 56.7 85.1

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Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

3.88

12000

10000

8000

6000

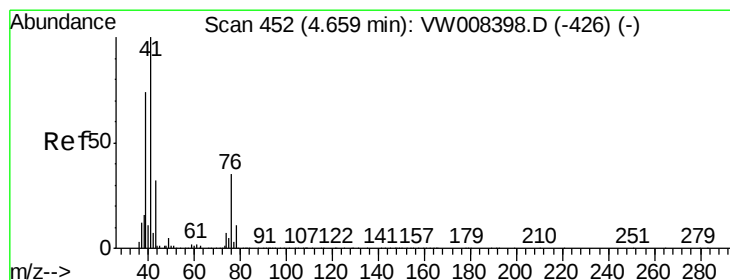
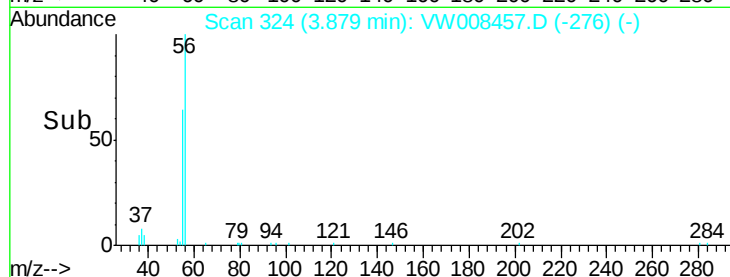
4000

2000

0

3.80 3.85 3.90 3.95 4.00

Time-->



#14

Allyl chloride

Concen: 16.540 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW008457.D

Acq: 30 Jan 2019 11:25

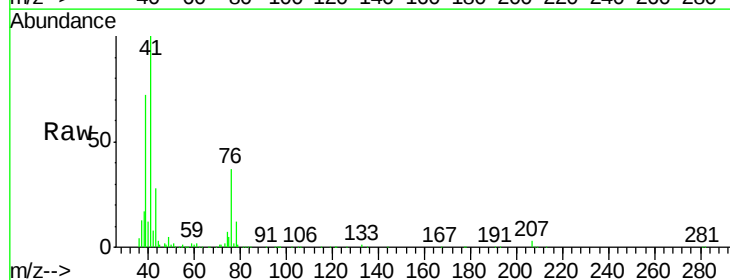
Tgt Ion: 41 Resp: 120566

Ion Ratio Lower Upper

41 100

39 72.4 57.7 86.5

76 36.1 26.9 40.3



Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW

4.66

50000

40000

30000

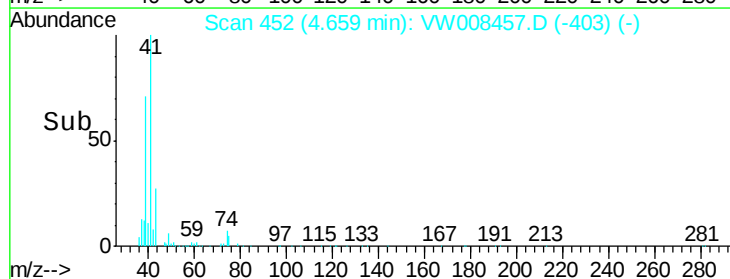
20000

10000

0

4.50 4.60 4.70 4.80

Time-->





#15

Acrylonitrile

Concen: 77.394 ug/l

RT: 5.36 min Scan# 567

Delta R.T. 0.00 min

Lab File: VW008457.D

Acq: 30 Jan 2019 11:25

Instrument :

MSVOA_W

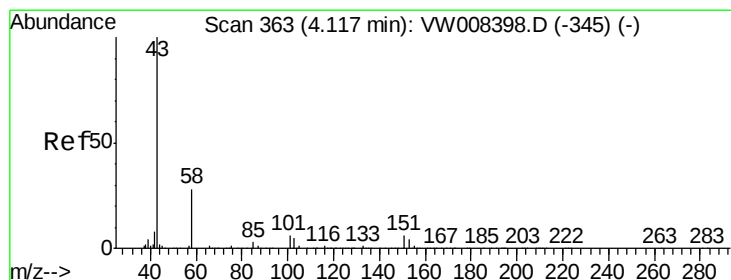
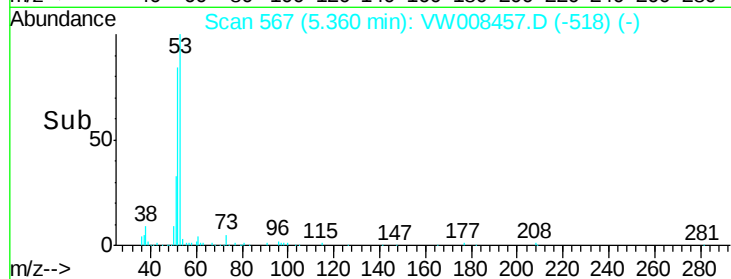
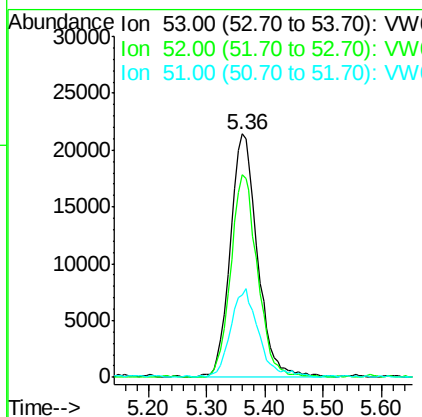
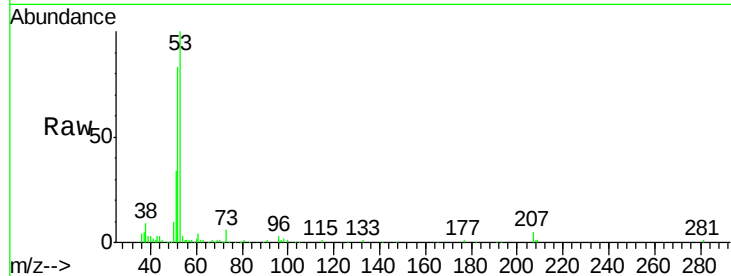
ClientSampleId :

VW0130SBS01

Tot Ion:	53	Resp:	69897
Ion	Ratio	Lower	Upper
53	100		
52	81.0	67.0	100.4
51	37.4	29.8	44.8

Manual Integrations
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#16

Acetone

Concen: 77.118 ug/l

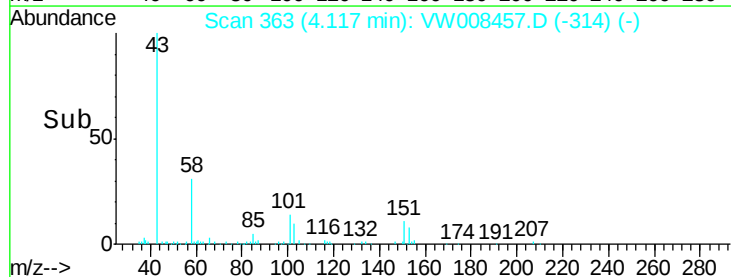
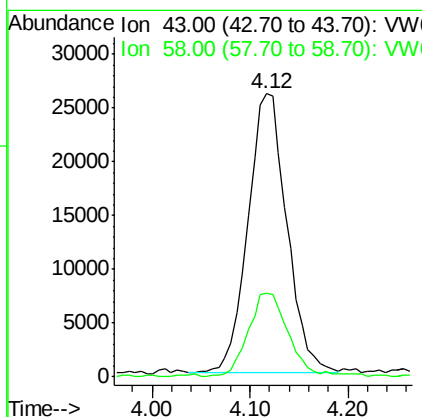
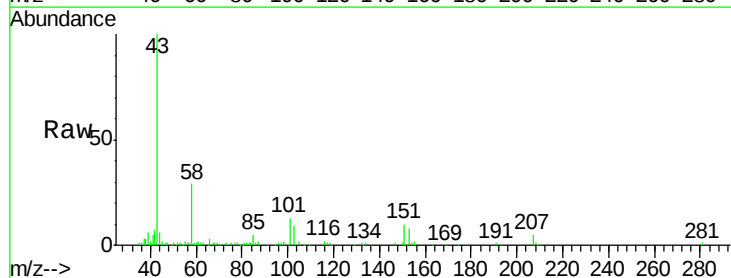
RT: 4.12 min Scan# 363

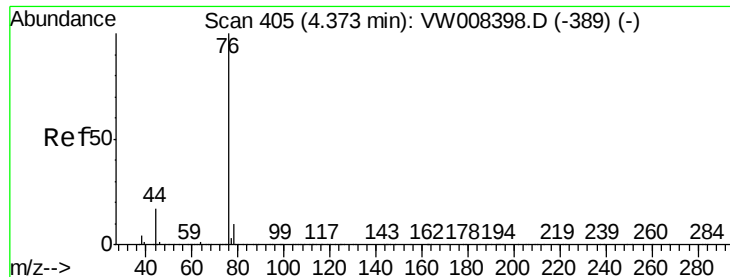
Delta R.T. 0.00 min

Lab File: VW008457.D

Acq: 30 Jan 2019 11:25

Tgt Ion:	43	Resp:	71353
Ion	Ratio	Lower	Upper
43	100		
58	29.4	22.6	34.0





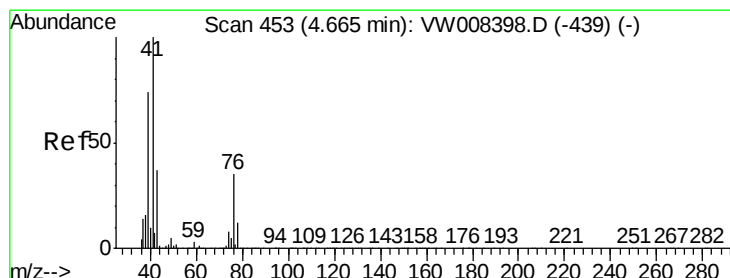
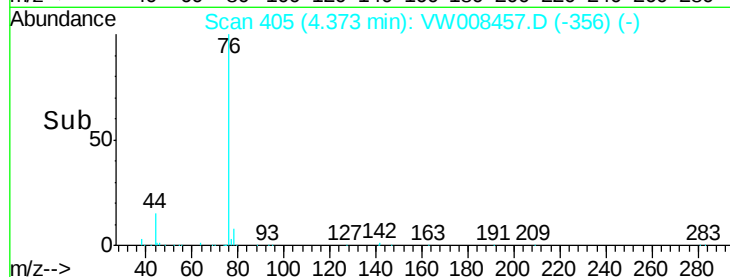
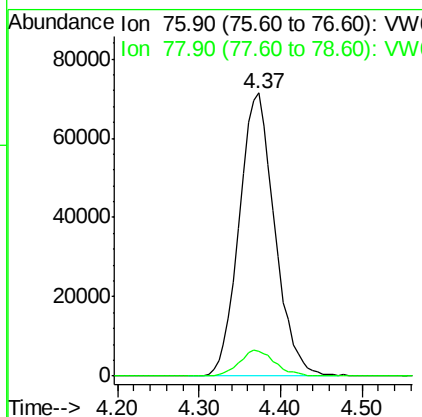
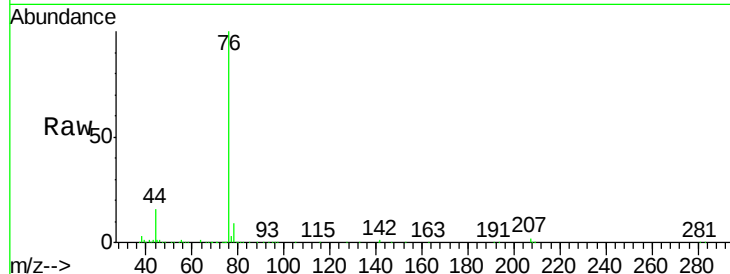
#17
Carbon Disulfide
Concen: 17.620 ug/l
RT: 4.37 min Scan# 405
Delta R.T. 0.00 min
Lab File: VW008457.D
Acq: 30 Jan 2019 11:25

Instrument :
MSVOA_W
ClientSampleId :
VW0130SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.7	11.5

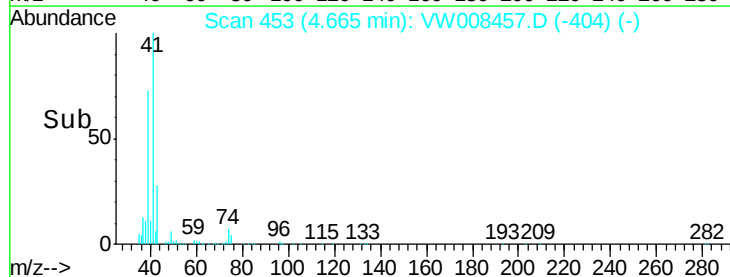
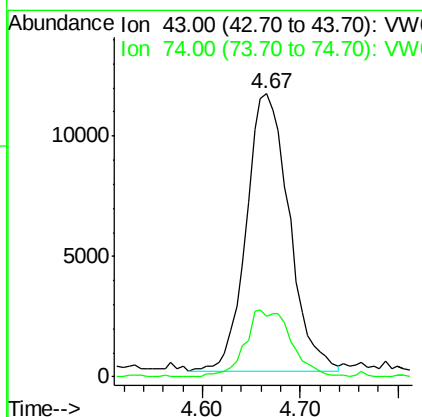
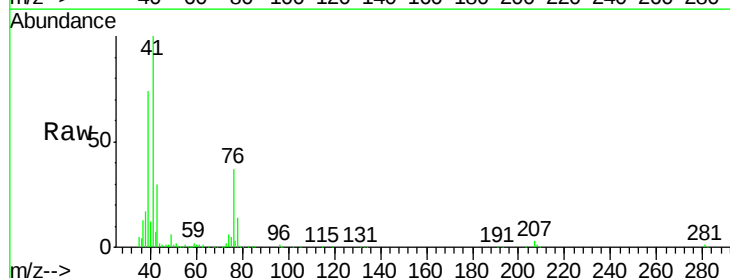
Manual Integrations
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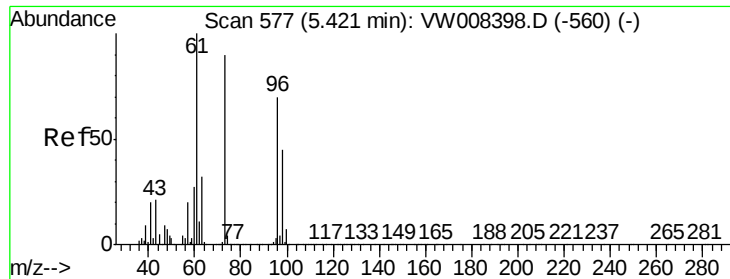
MMDadoda
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#18
Methyl Acetate
Concen: 14.232 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW008457.D
Acq: 30 Jan 2019 11:25

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.8	17.5	26.3





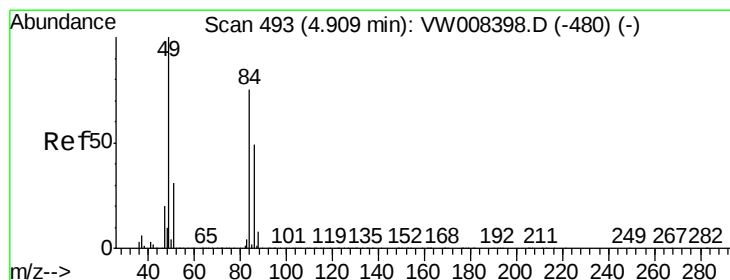
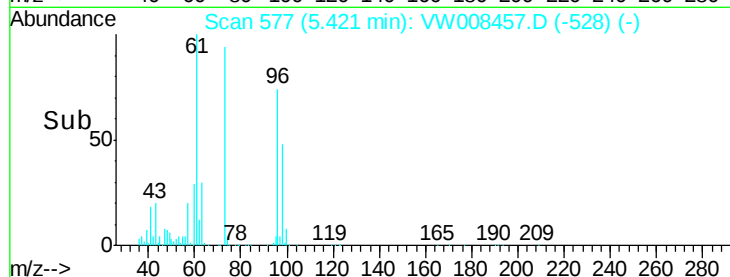
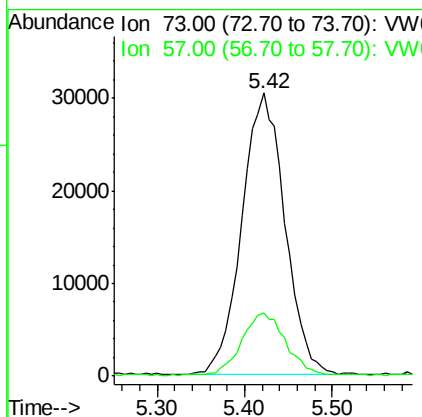
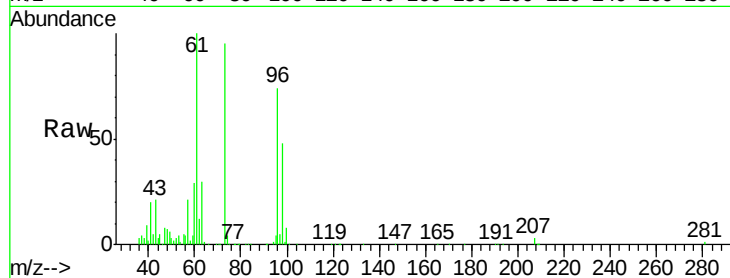
#19
Methvl tert-butvl Ether
Concen: 16.365 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW008457.D
Acq: 30 Jan 2019 11:25

Instrument :
MSVOA_W
ClientSampleId :
VW0130SBS01

Tot Ion: 73 Resp: 103943
Ion Ratio Lower Upper
73 100
57 21.7 18.0 27.0

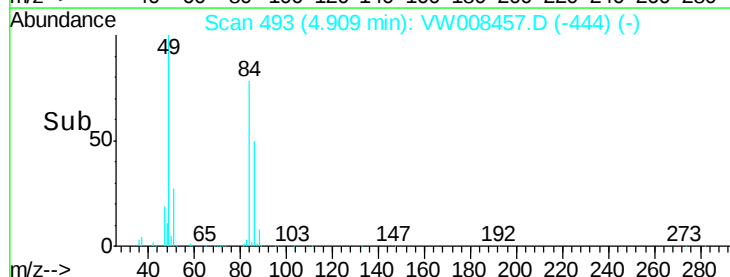
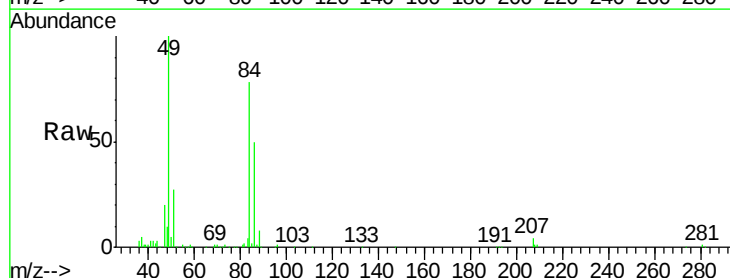
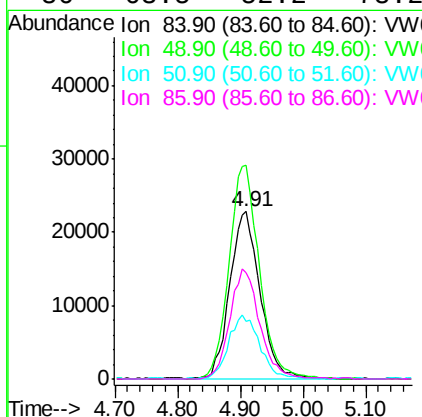
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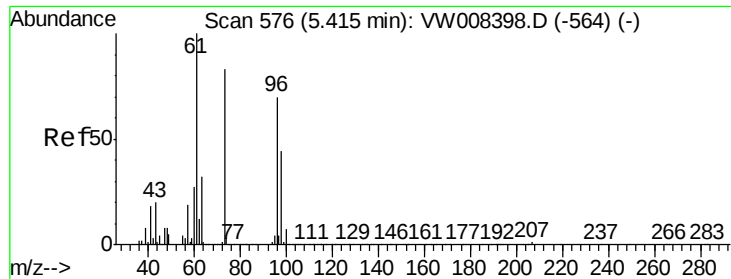
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#20
Methylene Chloride
Concen: 17.941 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW008457.D
Acq: 30 Jan 2019 11:25

Tgt Ion: 84 Resp: 76509
Ion Ratio Lower Upper
84 100
49 127.5 106.8 160.2
51 33.9 32.9 49.3
86 63.5 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 17.959 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW008457.D

Acq: 30 Jan 2019 11:25

Instrument :

MSVOA_W

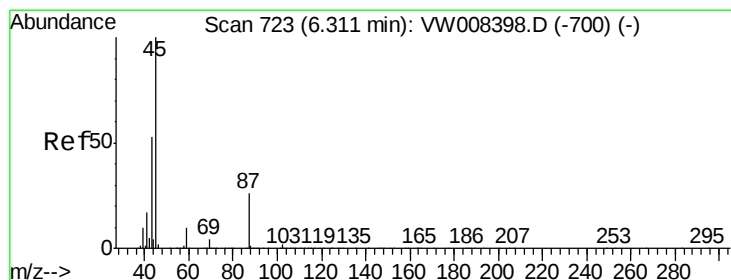
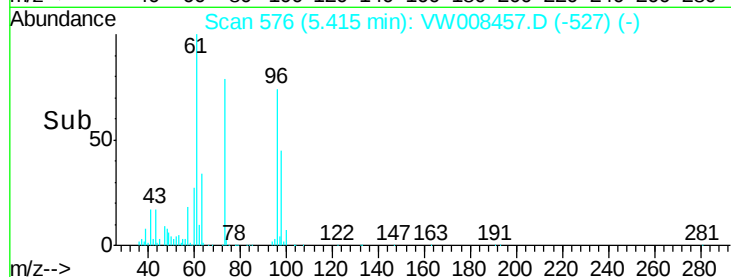
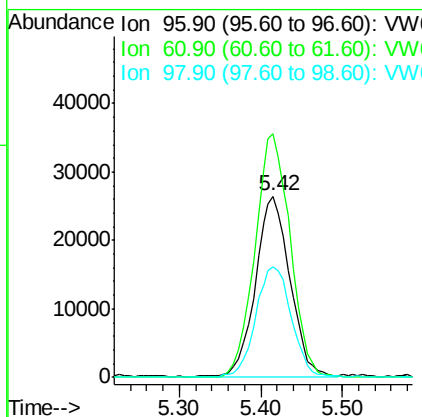
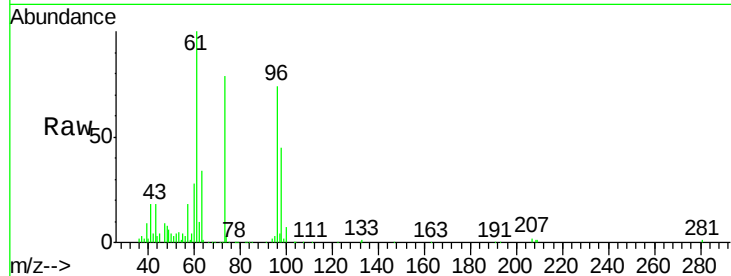
ClientSampleId :

VW0130SBS01

Tot Ion:	96	Resp:	77509
Ion	Ratio	Lower	Upper
96	100		
61	134.7	114.4	171.6
98	61.0	50.6	75.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 15.927 ug/l

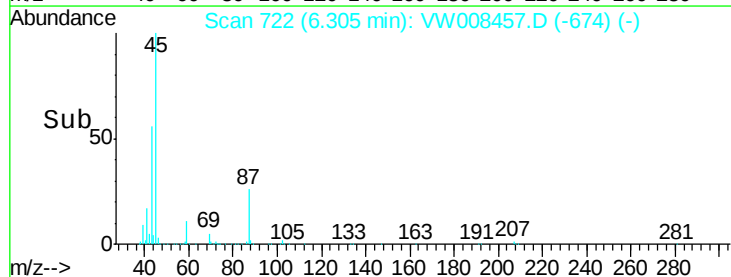
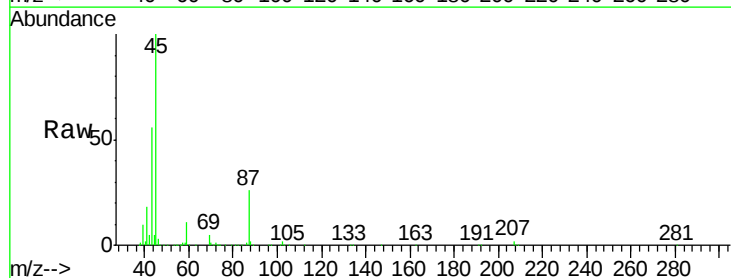
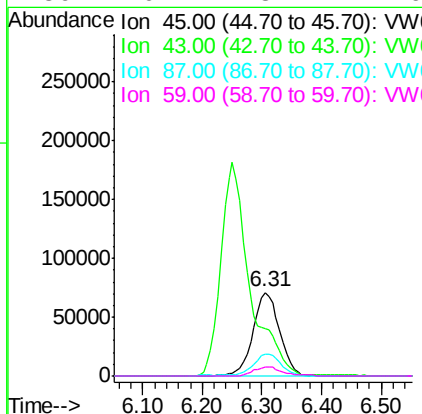
RT: 6.31 min Scan# 722

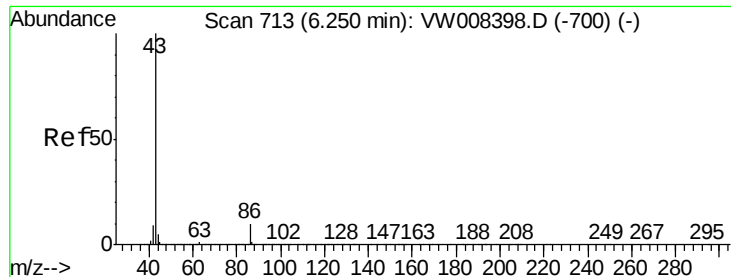
Delta R.T. -0.01 min

Lab File: VW008457.D

Acq: 30 Jan 2019 11:25

Tgt Ion:	45	Resp:	220037
Ion	Ratio	Lower	Upper
45	100		
43	55.7	42.6	63.8
87	26.5	20.3	30.5
59	10.7	8.4	12.6





#23

Vinyl Acetate

Concen: 74.818 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW008457.D

Acq: 30 Jan 2019 11:25

Instrument :

MSVOA_W

ClientSampleId :

VW0130SBS01

Tot Ion: 43 Resp: 610343

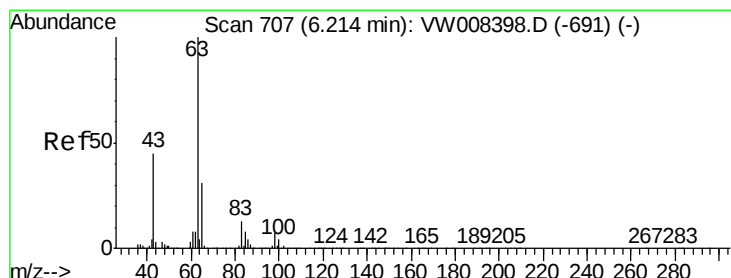
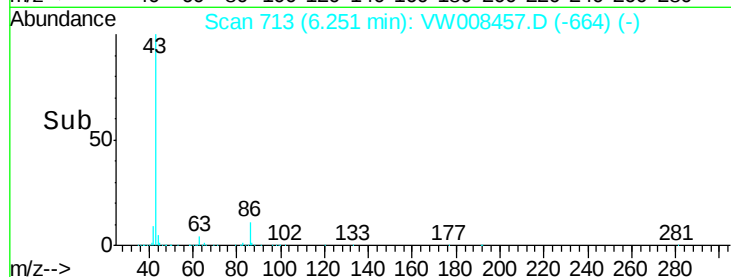
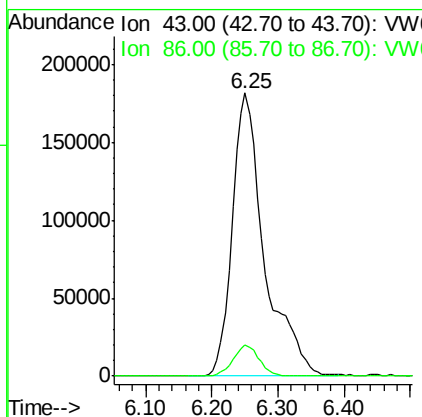
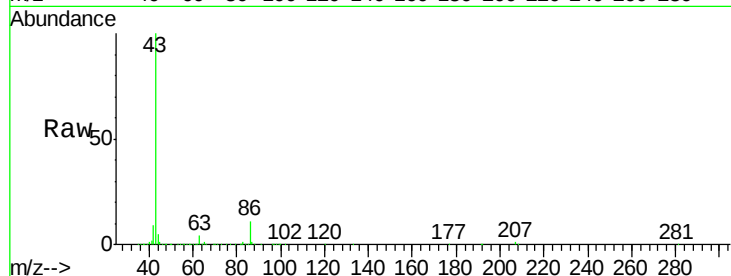
Ion Ratio Lower Upper

43 100

86 11.0 7.8 11.8

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#24

1,1-Dichloroethane

Concen: 16.856 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW008457.D

Acq: 30 Jan 2019 11:25

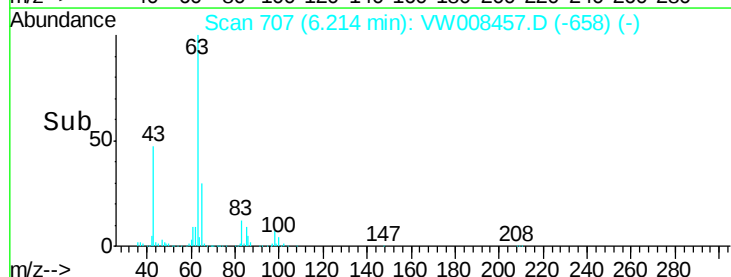
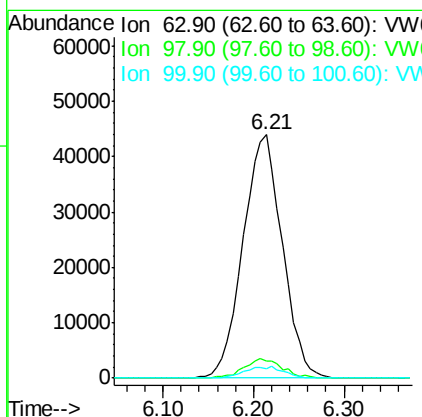
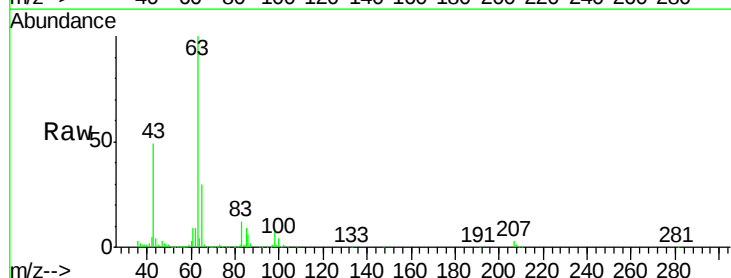
Tgt Ion: 63 Resp: 131814

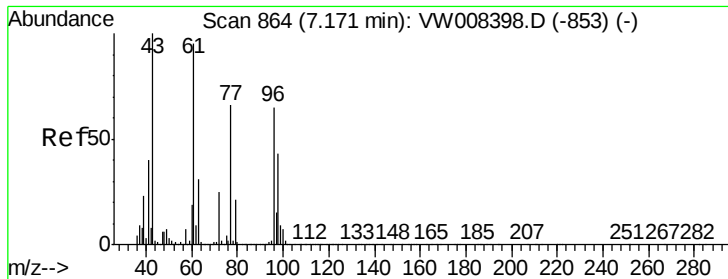
Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.5

100 3.7 2.1 6.2





#25

2-Butanone

Concen: 72.781 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW008457.D

Acq: 30 Jan 2019 11:25

Tot Ion: 43 Resp: 93535

Ion Ratio Lower Upper

43 100

72 24.6 20.1 30.1

Instrument :

MSVOA_W

ClientSampled :

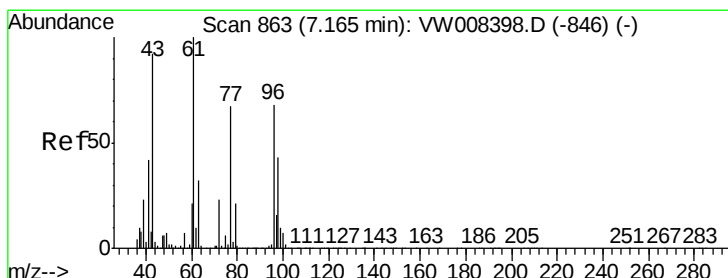
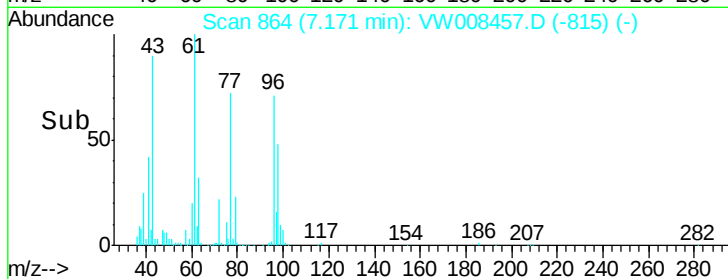
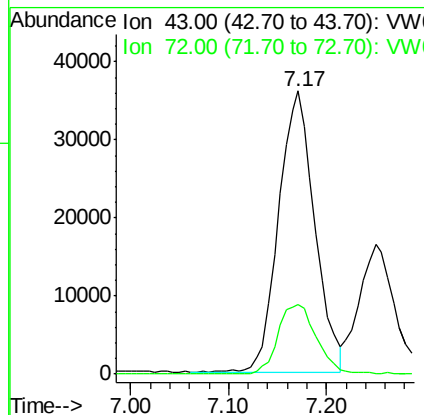
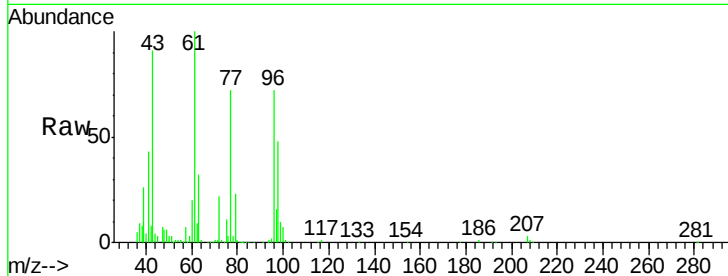
VW0130SBS01

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#26

2,2-Dichloropropane

Concen: 18.123 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW008457.D

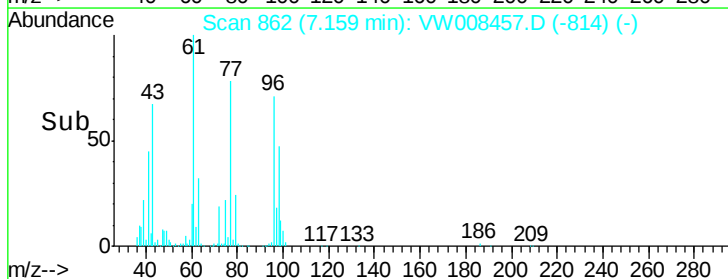
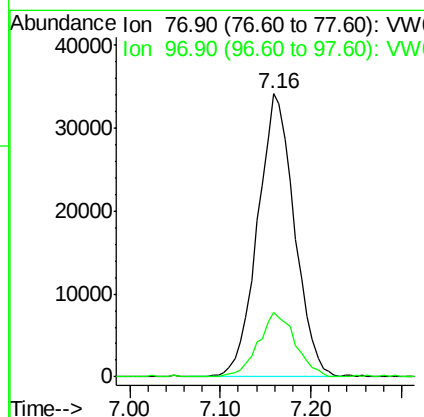
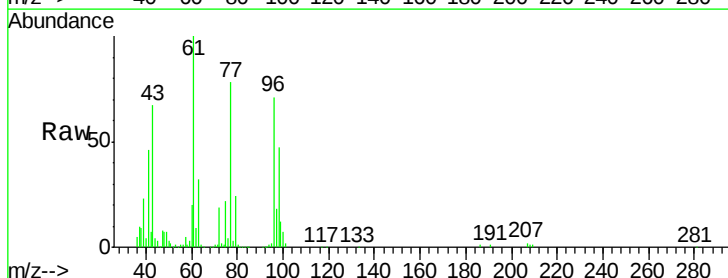
Acq: 30 Jan 2019 11:25

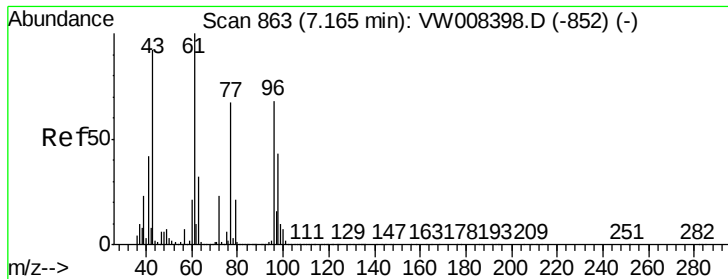
Tgt Ion: 77 Resp: 95798

Ion Ratio Lower Upper

77 100

97 23.1 11.5 34.5





#27

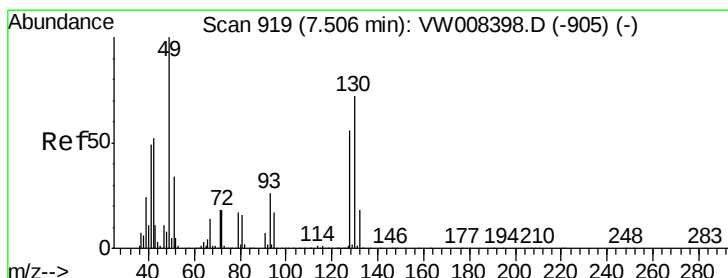
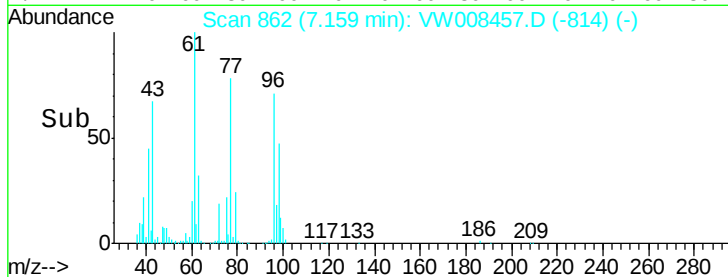
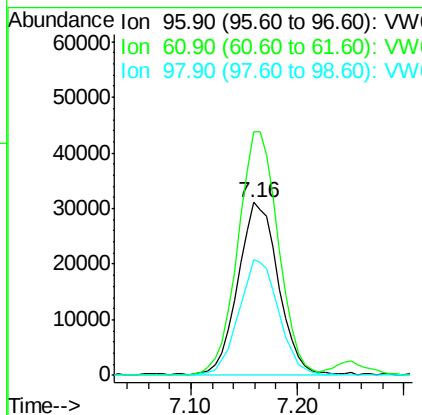
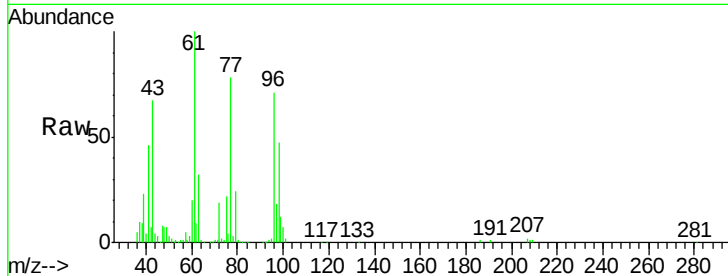
cis-1,2-Dichloroethene
Concen: 17.425 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW008457.D
Acq: 30 Jan 2019 11:25

Instrument :
MSVOA_W
ClientSampleId :
VW0130SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.8	0.0	292.8
98	67.0	0.0	129.2

Manual Integrations
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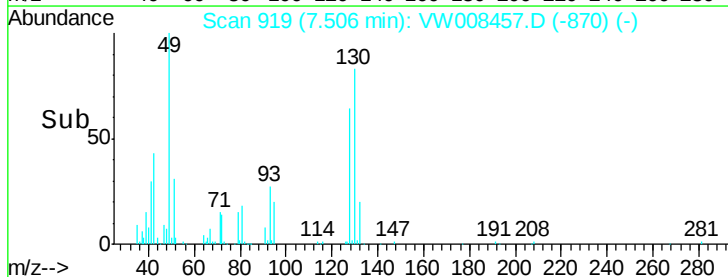
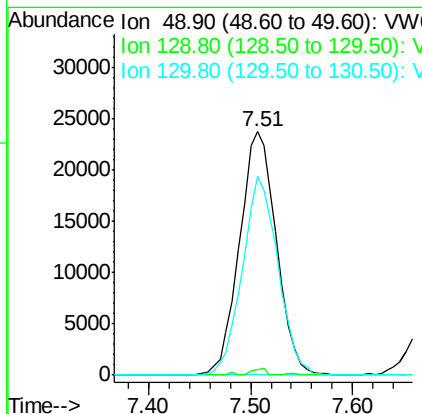
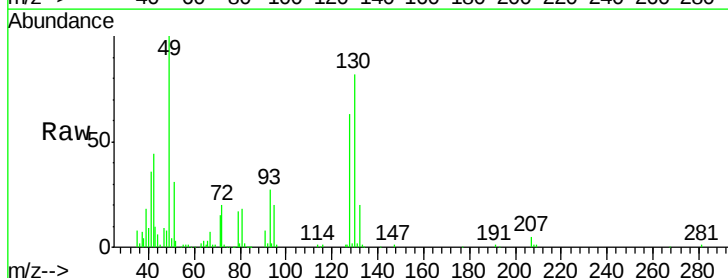
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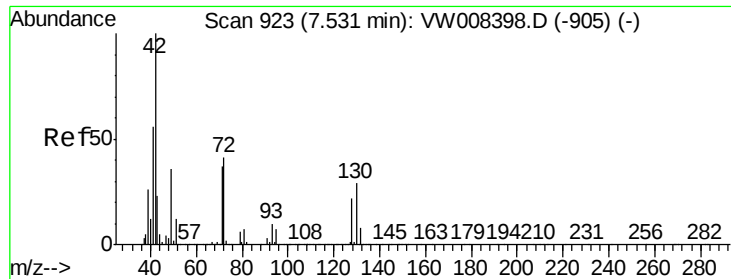


#28

Bromochloromethane
Concen: 16.514 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW008457.D
Acq: 30 Jan 2019 11:25

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	4.6
130	79.2	58.6	87.8





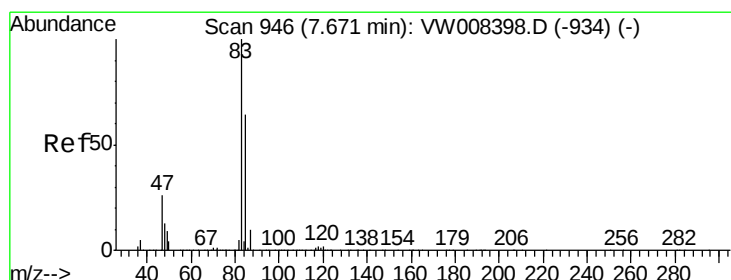
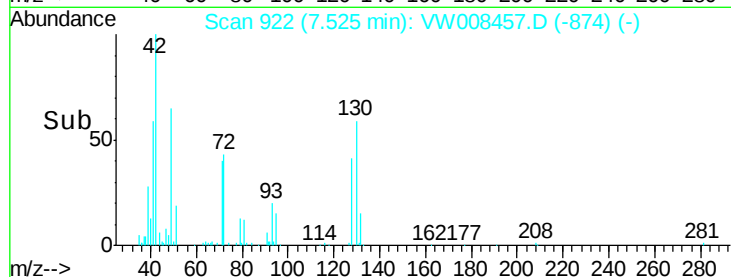
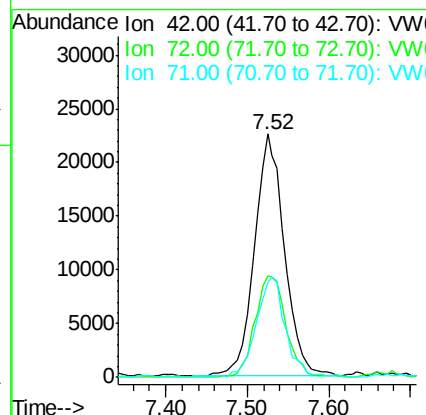
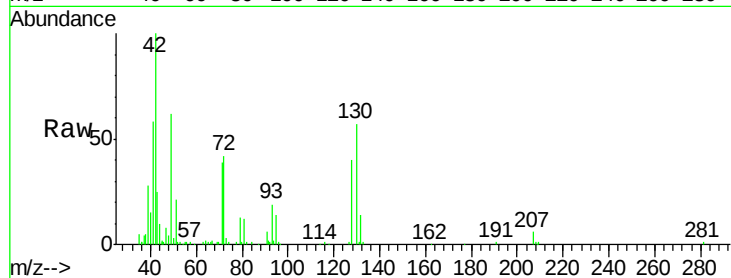
#29
Tetrahydrofuran
Concen: 70.826 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW008457.D
Acq: 30 Jan 2019 11:25

Instrument :
MSVOA_W
ClientSampleId :
VW0130SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.9	31.9	47.9
71	40.9	29.9	44.9

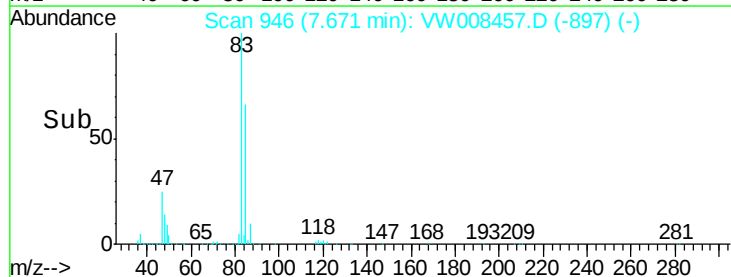
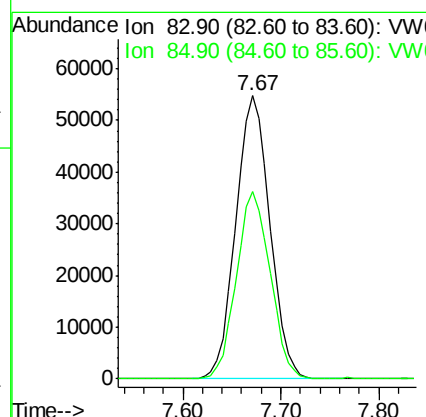
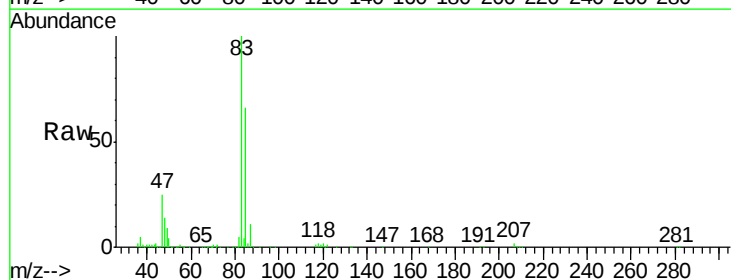
Manual Integrations
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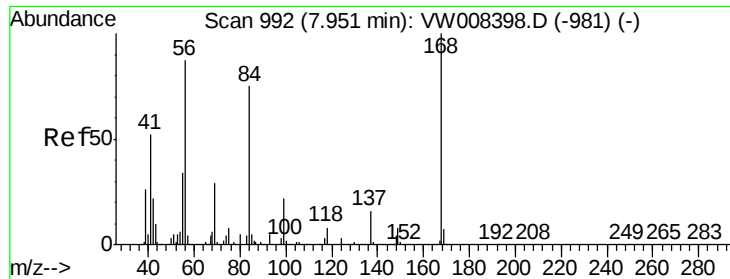
MMDadoda
2/1/2019 10:47:04 AM



#30
Chloroform
Concen: 17.248 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW008457.D
Acq: 30 Jan 2019 11:25

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.9	50.9	76.3





#31

Cyclohexane

Concen: 16.921 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW008457.D

Acq: 30 Jan 2019 11:25

Instrument :

MSVOA_W

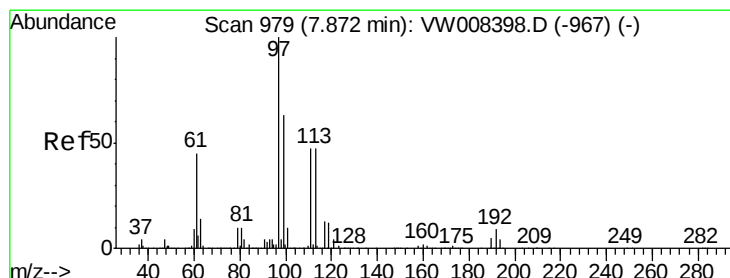
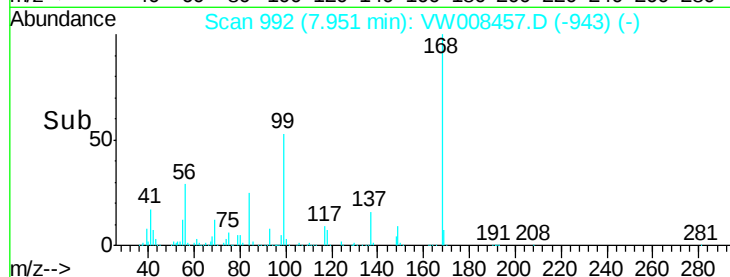
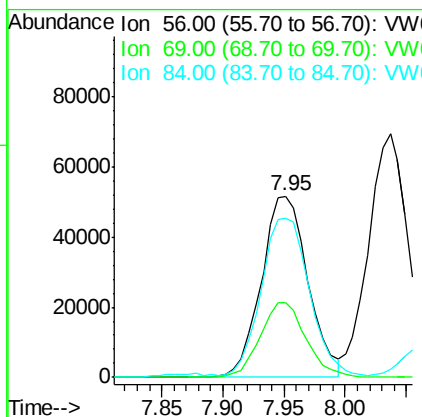
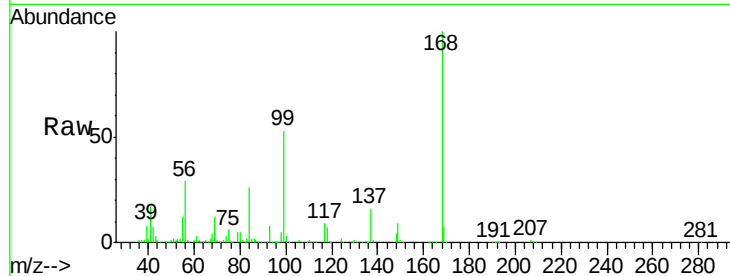
ClientSampleId :

VW0130SBS01

Tot Ion:	56	Resp:	136825
Ion Ratio	Lower	Upper	
56	100		
69	40.8	26.4	39.6#
84	85.8	69.1	103.7

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 18.152 ug/l

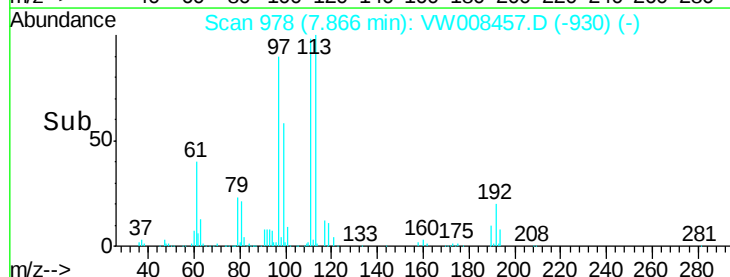
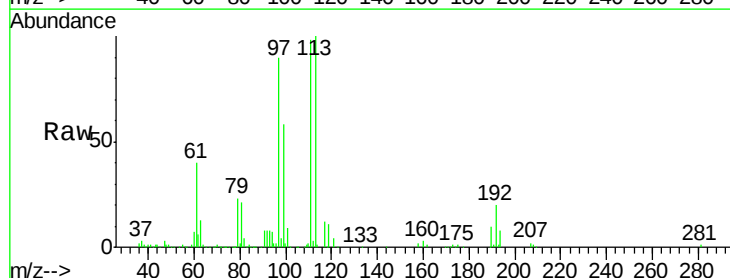
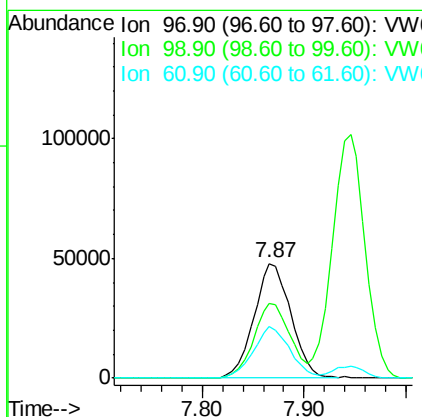
RT: 7.87 min Scan# 978

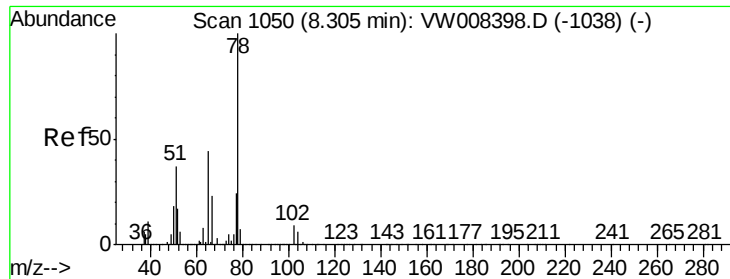
Delta R.T. -0.01 min

Lab File: VW008457.D

Acq: 30 Jan 2019 11:25

Tgt Ion:	97	Resp:	120593
Ion Ratio	Lower	Upper	
97	100		
99	64.2	51.3	76.9
61	44.1	36.2	54.4





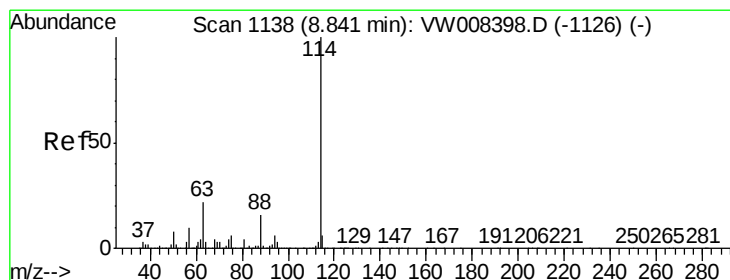
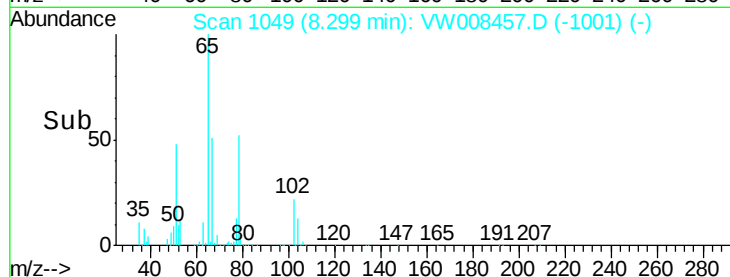
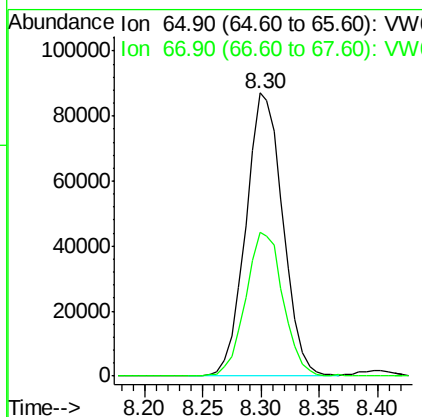
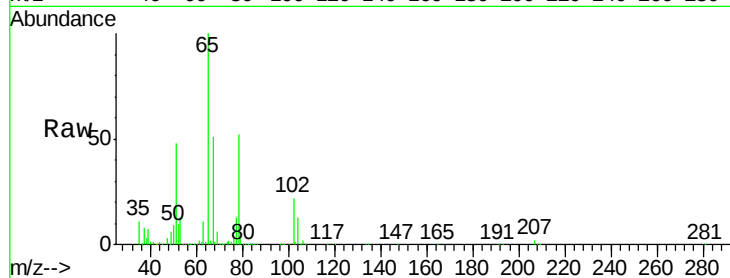
#33
 1,2-Dichloroethane-d4
 Concen: 46.783 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW008457.D
 Acq: 30 Jan 2019 11:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0130SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	192753		
67	51.6	0.0	104.0	

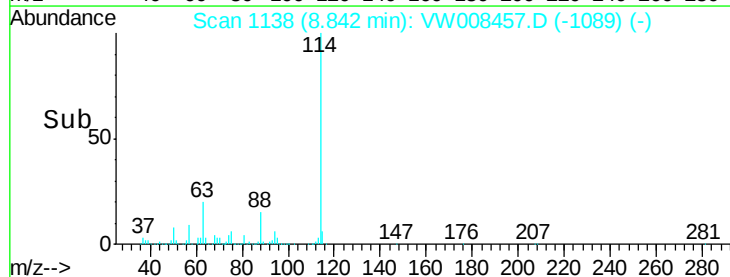
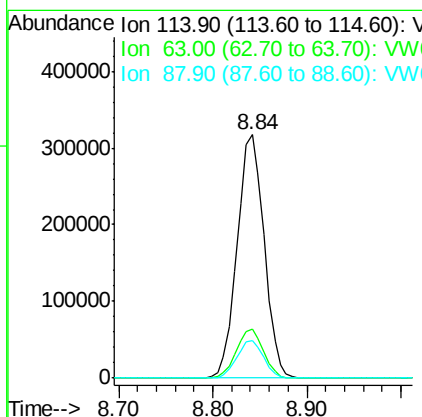
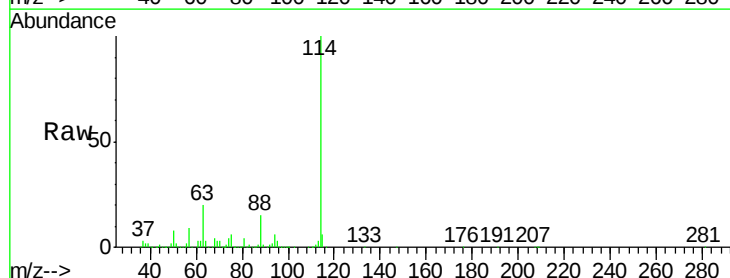
Manual Integrations
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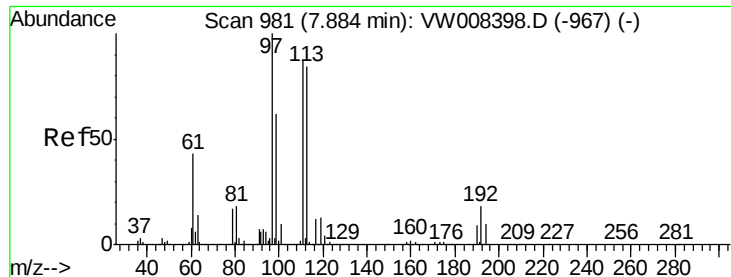
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 2/1/2019 10:47:04 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008457.D
 Acq: 30 Jan 2019 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	630262		
63	20.1	0.0	43.6	
88	15.2	0.0	31.8	





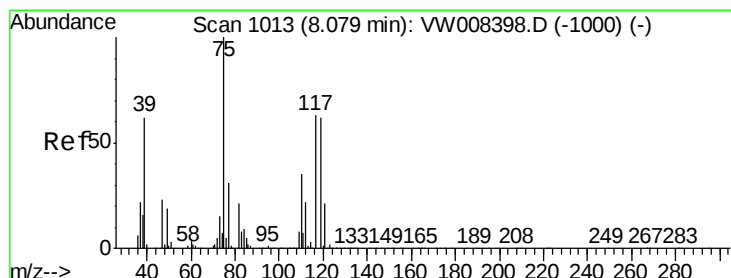
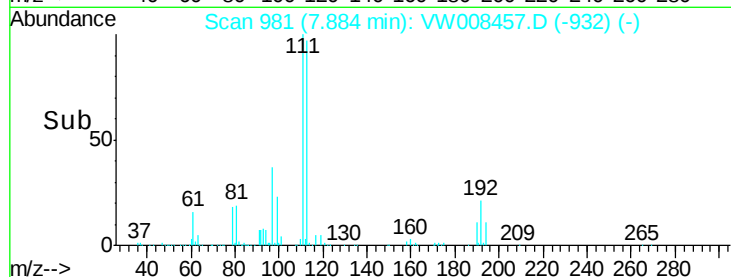
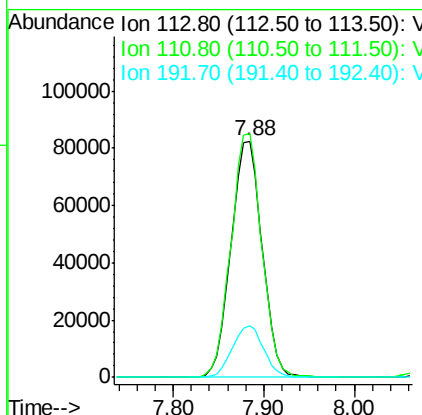
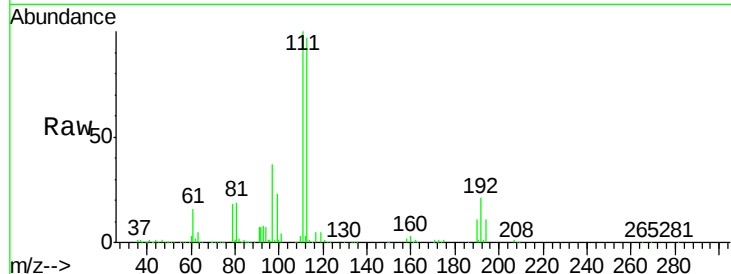
#35
 Dibromofluoromethane
 Concen: 53.365 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW008457.D
 Acq: 30 Jan 2019 11:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0130SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.4	81.0	121.4	
192	21.9	16.8	25.2	

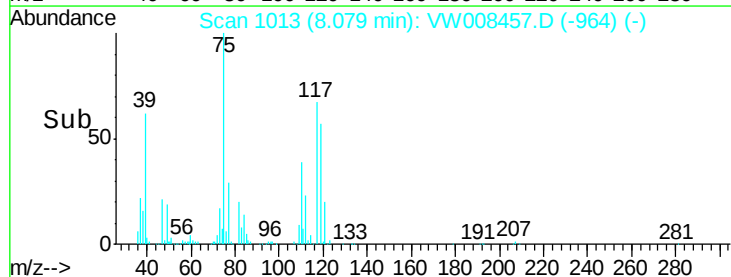
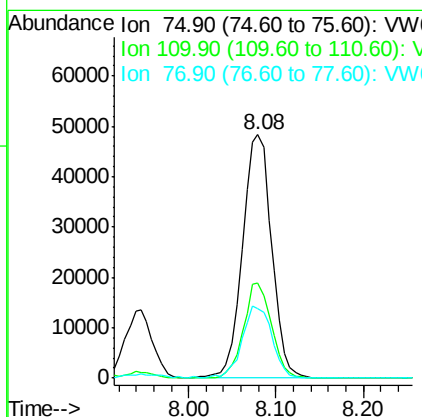
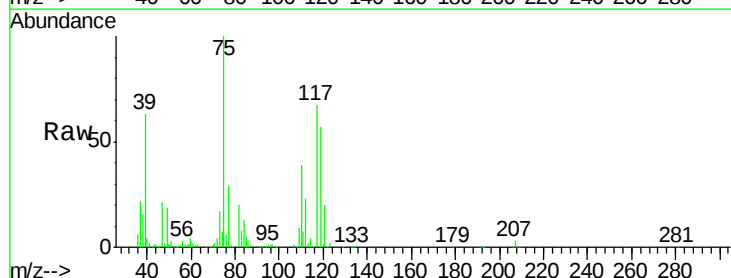
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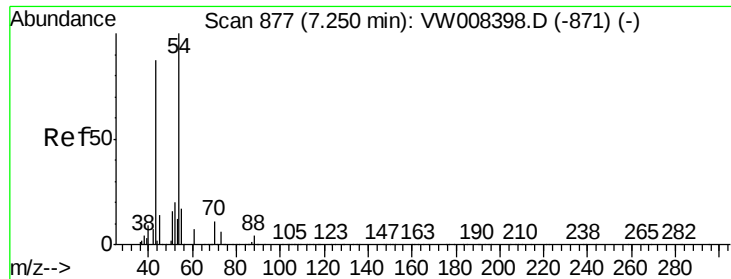
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#36
 1,1-Dichloropropene
 Concen: 18.783 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW008457.D
 Acq: 30 Jan 2019 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	37.5	17.3	52.0	
77	30.6	24.7	37.1	





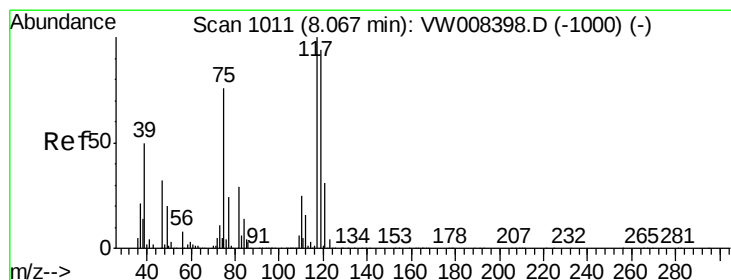
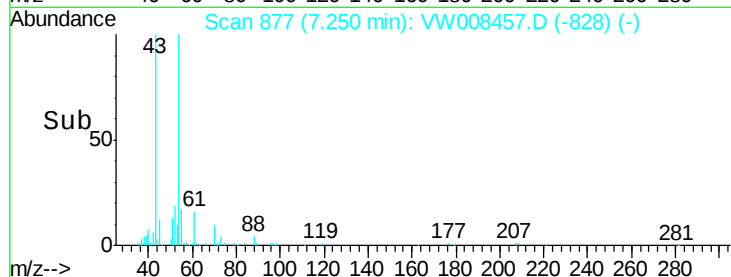
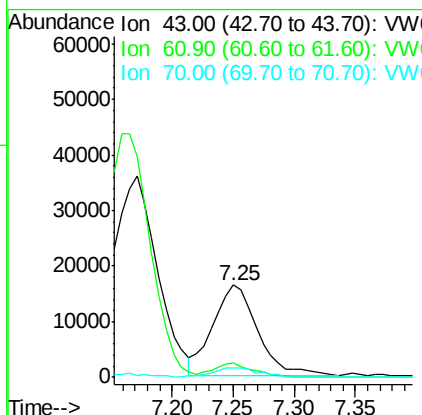
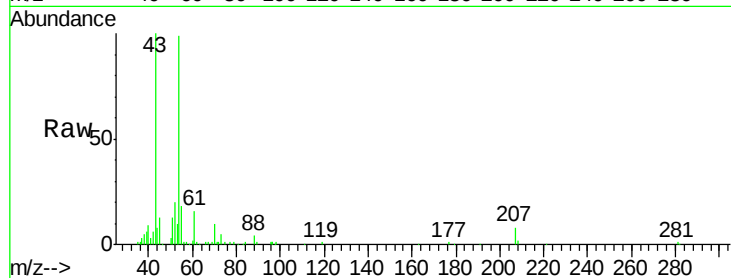
#37
Ethyl Acetate
Concen: 15.592 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW008457.D
Acq: 30 Jan 2019 11:25

Instrument :
MSVOA_W
ClientSampled :
VW0130SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.1	15.1
70	11.5	7.8	11.6

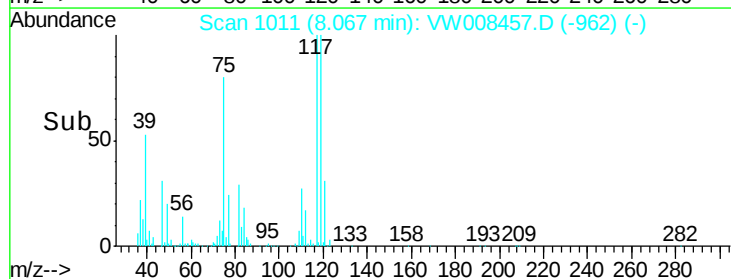
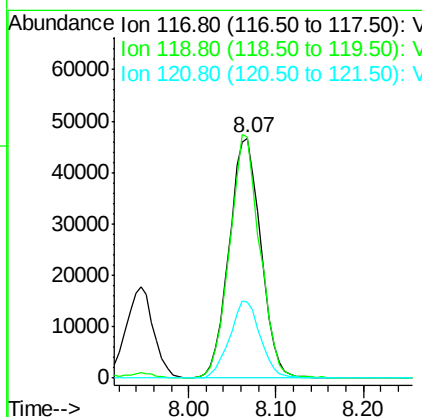
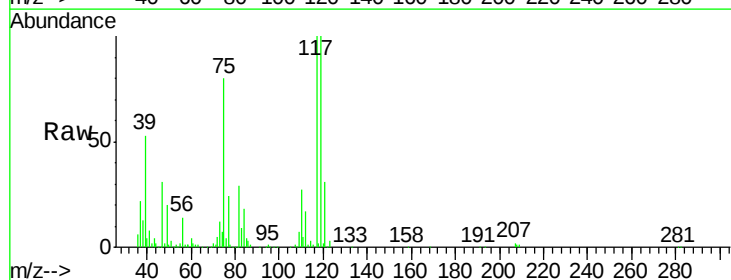
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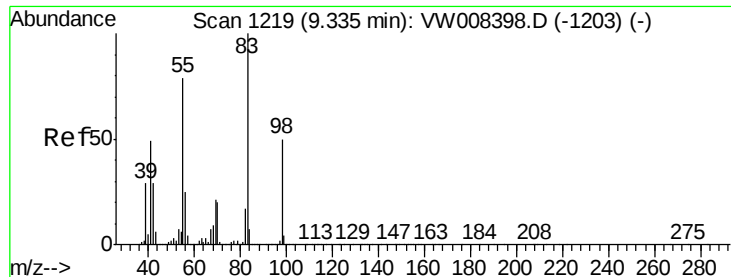
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#38
Carbon Tetrachloride
Concen: 19.629 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW008457.D
Acq: 30 Jan 2019 11:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.1	75.0	112.4
121	31.5	24.9	37.3





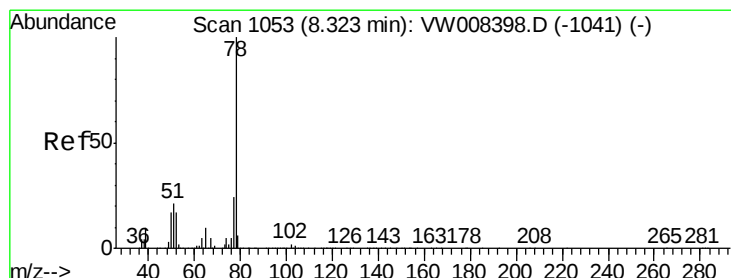
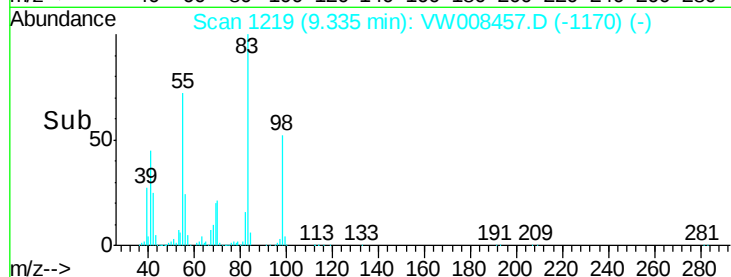
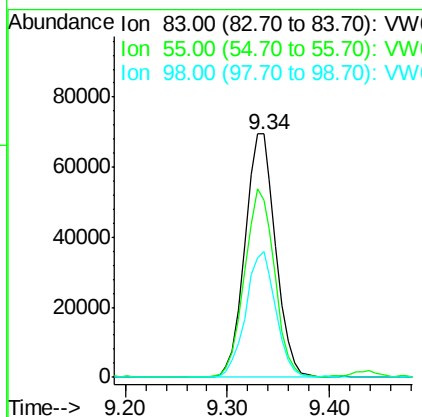
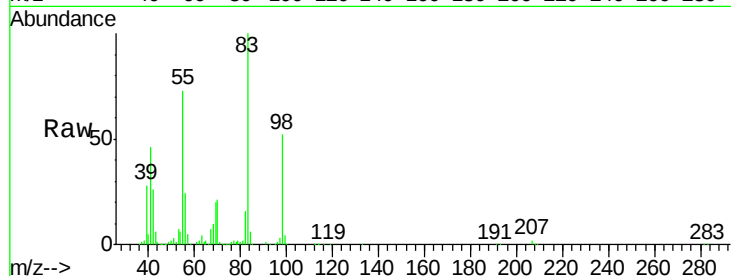
#39
Methvlcvclohexane
Concen: 18.586 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW008457.D
Acq: 30 Jan 2019 11:25

Instrument :
MSVOA_W
ClientSampleId :
VW0130SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.4	63.3	94.9
98	51.7	39.7	59.5

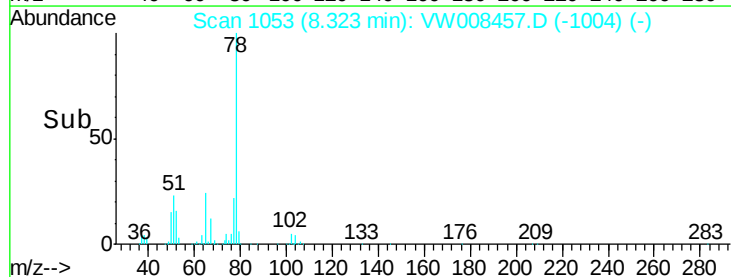
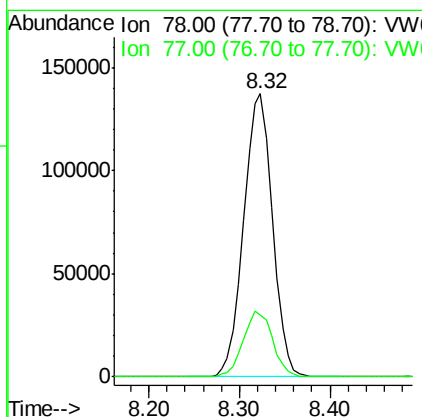
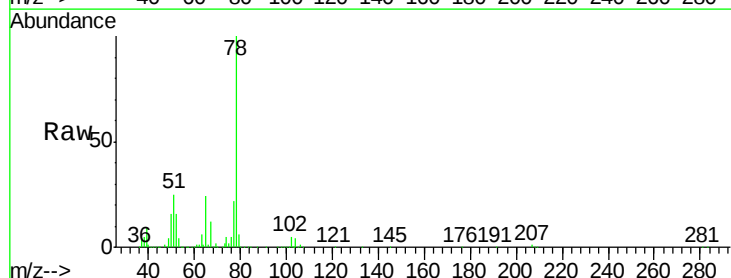
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#40
Benzene
Concen: 18.266 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW008457.D
Acq: 30 Jan 2019 11:25

Tgt Ion	Ratio	Lower	Upper
78	100		
77	21.8	19.0	28.6





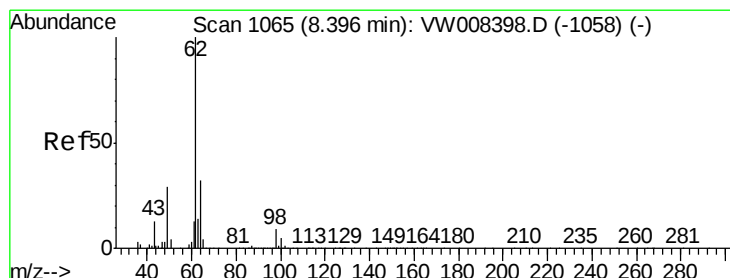
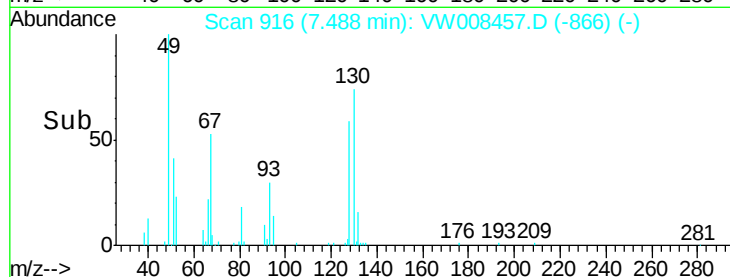
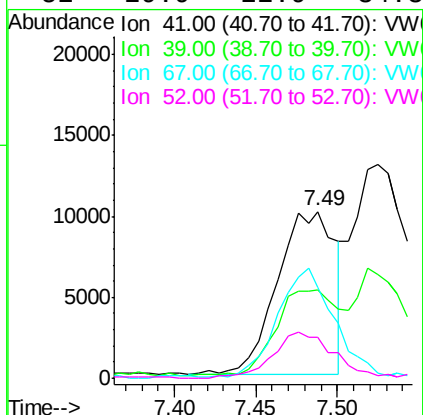
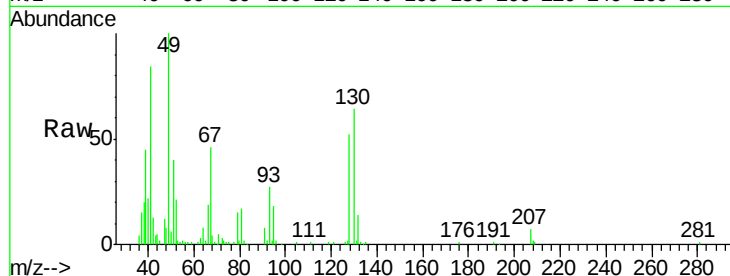
#41
Methacrylonitrile
Concen: 15.854 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW008457.D
Acq: 30 Jan 2019 11:25

Instrument :
MSVOA_W
ClientSampleId :
VW0130SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	59.3	43.4	65.0
67	66.5	54.2	81.2
52	29.9	22.9	34.3

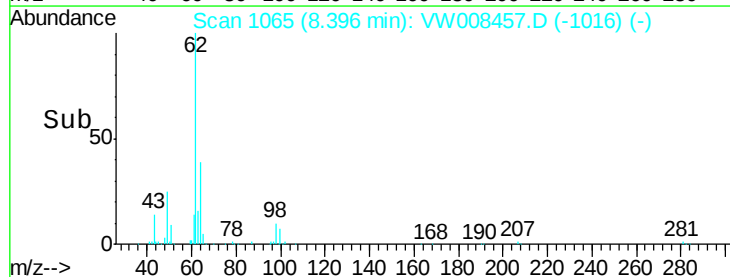
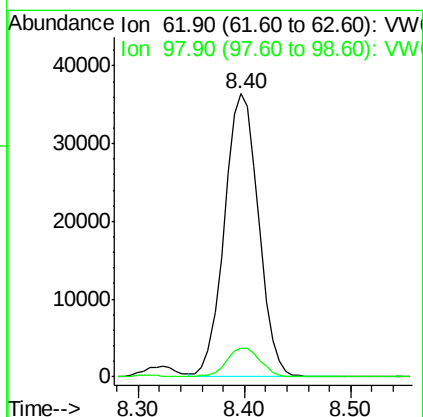
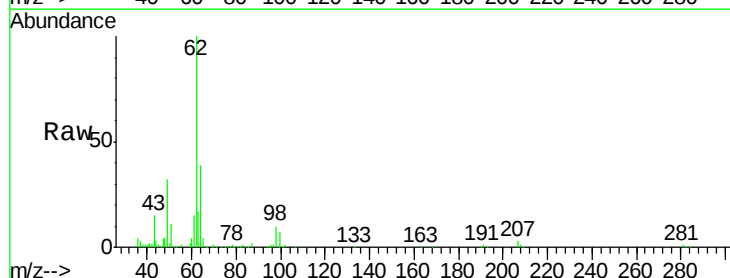
Manual Integrations
APPROVED

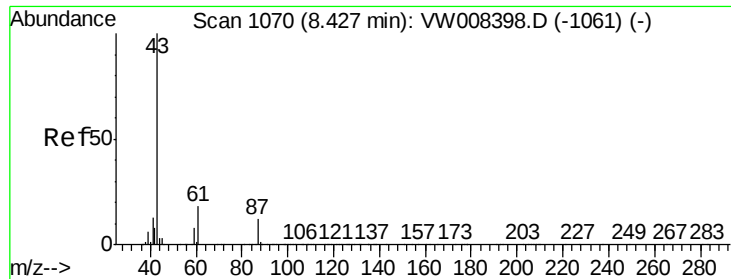
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#42
1,2-Dichloroethane
Concen: 17.067 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW008457.D
Acq: 30 Jan 2019 11:25

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	18.6





#43

Isopropyl Acetate

Concen: 15.031 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW008457.D

Acq: 30 Jan 2019 11:25

Instrument :

MSVOA_W

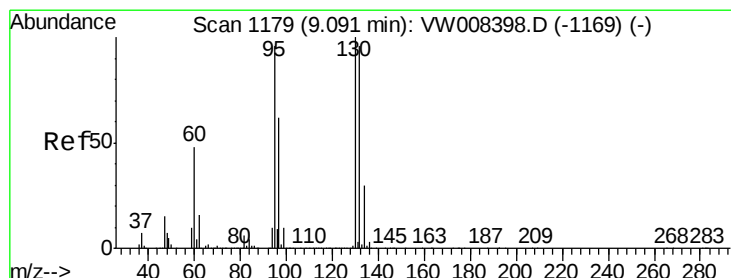
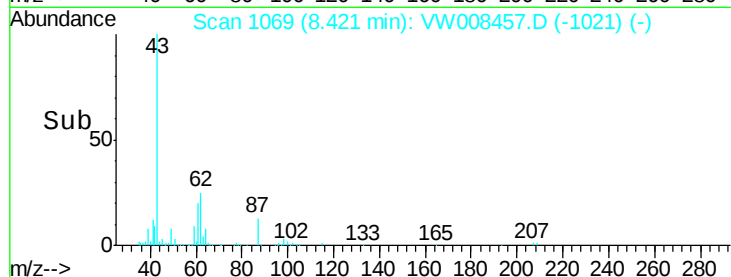
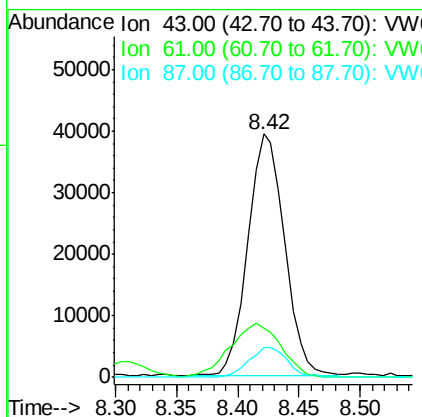
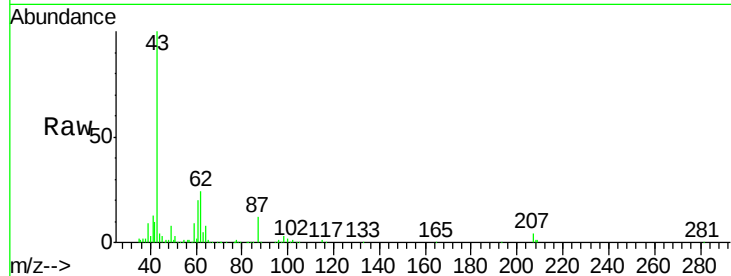
ClientSampleId :

VW0130SBS01

Tot Ion:	43	Resp:	82253
Ion Ratio		Lower	Upper
43	100		
61	30.5	22.0	33.0
87	13.0	9.3	13.9

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#44

Trichloroethene

Concen: 19.397 ug/l

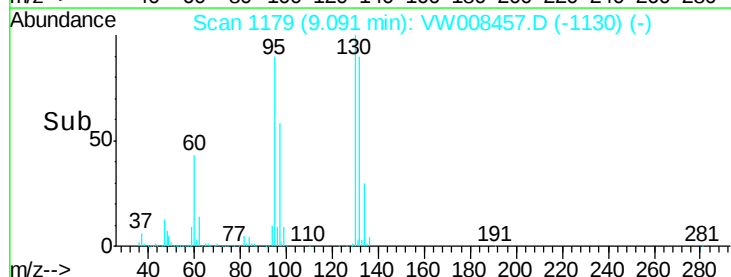
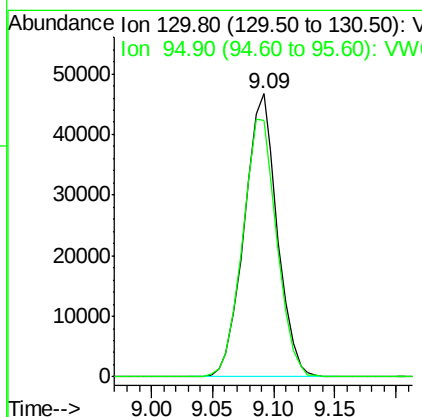
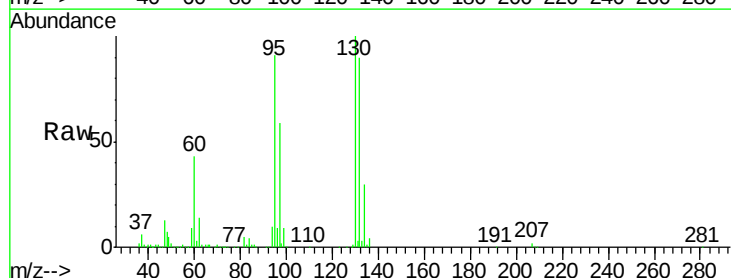
RT: 9.09 min Scan# 1179

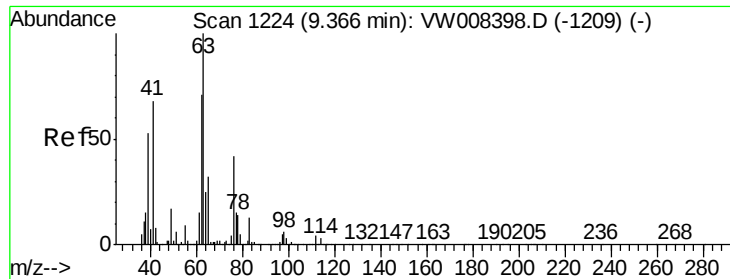
Delta R.T. 0.00 min

Lab File: VW008457.D

Acq: 30 Jan 2019 11:25

Tgt Ion:	130	Resp:	87139
Ion Ratio		Lower	Upper
130	100		
95	90.5	0.0	191.6





#45

1,2-Dichloropropane

Concen: 17.345 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW008457.D

Acq: 30 Jan 2019 11:25

Instrument :

MSVOA_W

ClientSampleId :

VW0130SBS01

Tot Ion: 63 Resp: 71445

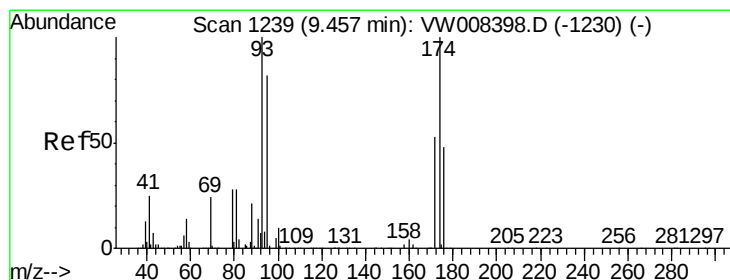
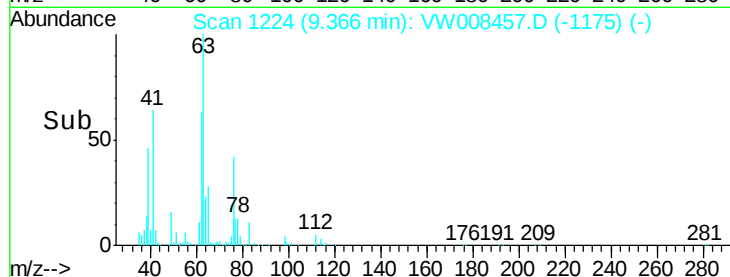
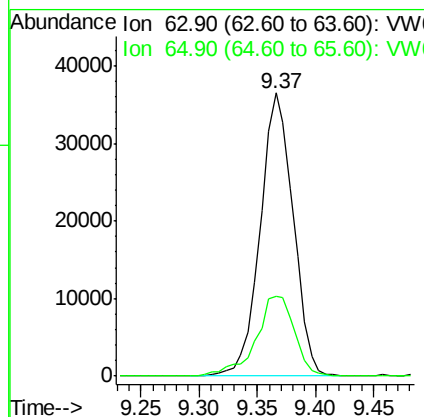
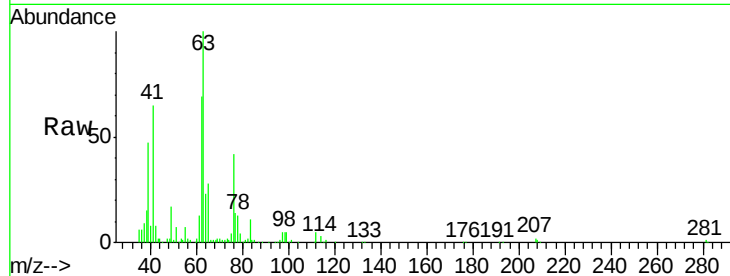
Ion Ratio Lower Upper

63 100

65 28.0 25.2 37.8

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#46

Dibromomethane

Concen: 18.028 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW008457.D

Acq: 30 Jan 2019 11:25

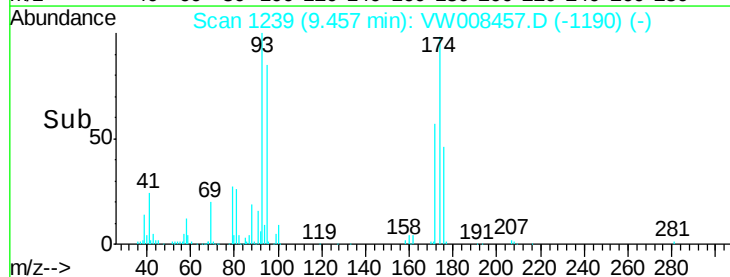
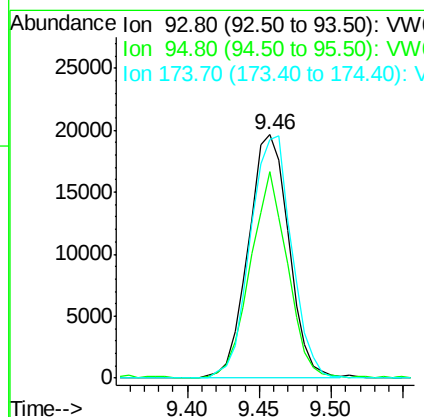
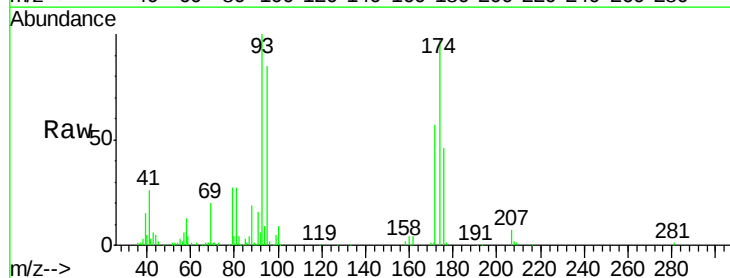
Tgt Ion: 93 Resp: 38194

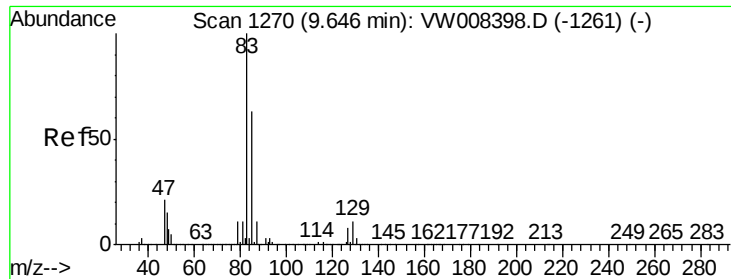
Ion Ratio Lower Upper

93 100

95 77.6 65.9 98.9

174 101.3 81.0 121.6





#47

Bromodichloromethane

Concen: 17.383 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW008457.D

Acq: 30 Jan 2019 11:25

Instrument :

MSVOA_W

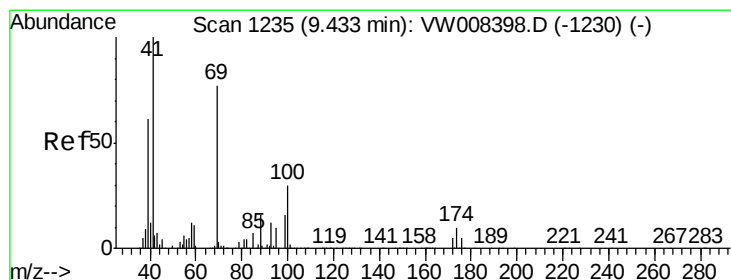
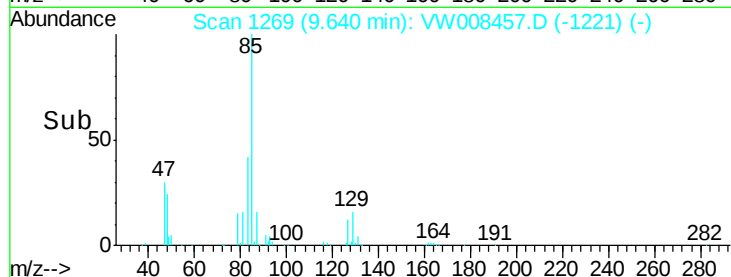
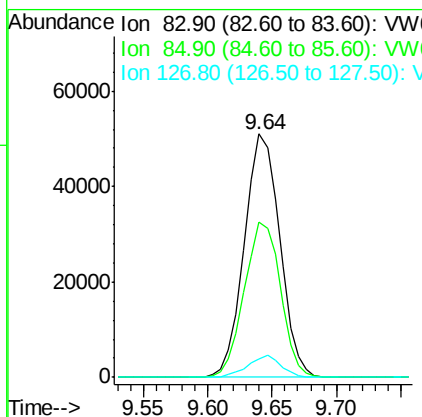
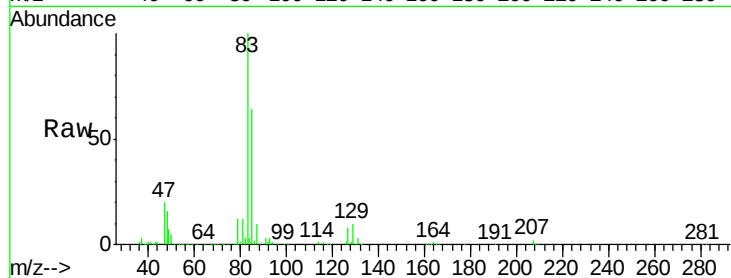
ClientSampleId :

VW0130SBS01

Tot Ion:	83	Resp:	97413
Ion Ratio	Lower	Upper	
83	100		
85	64.0	50.8	76.2
127	7.6	6.8	10.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 14.513 ug/l

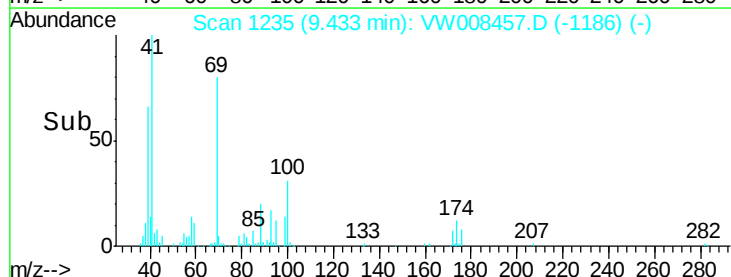
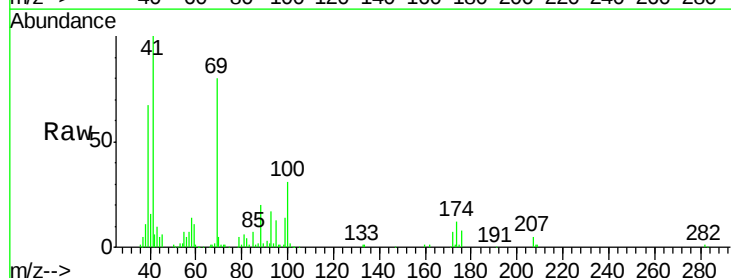
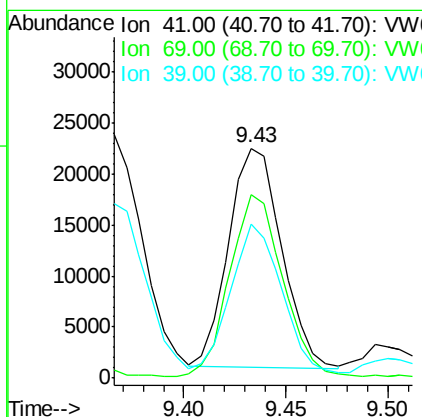
RT: 9.43 min Scan# 1235

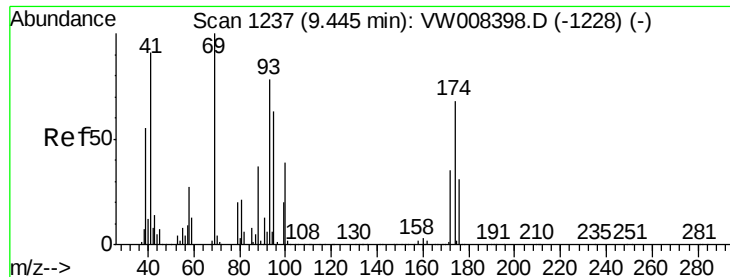
Delta R.T. 0.00 min

Lab File: VW008457.D

Acq: 30 Jan 2019 11:25

Tgt Ion:	41	Resp:	38834
Ion Ratio	Lower	Upper	
41	100		
69	83.2	64.8	97.2
39	64.0	49.1	73.7





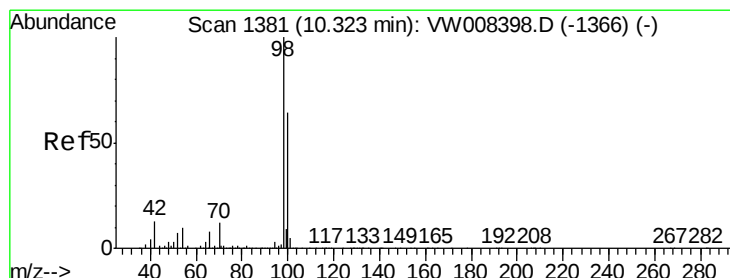
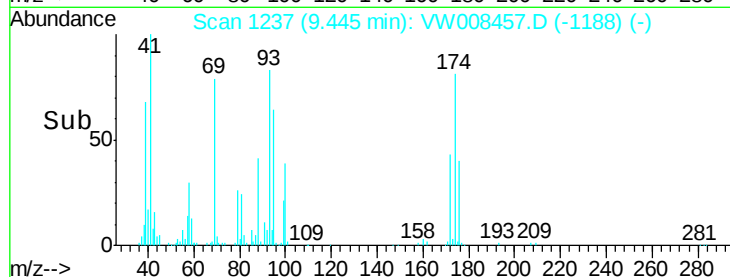
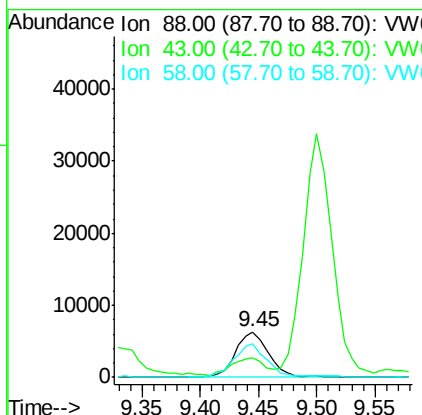
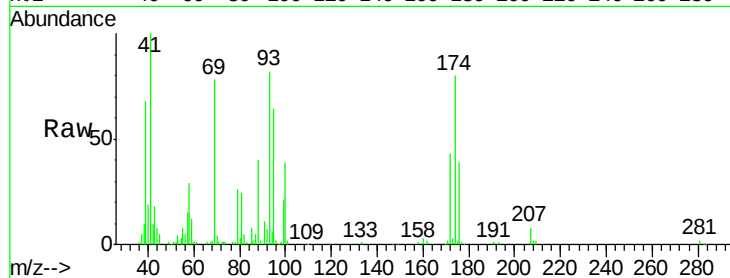
#49
1,4-Dioxane
Concen: 353.464 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VW008457.D
Acq: 30 Jan 2019 11:25

Instrument :
MSVOA_W
ClientSampleId :
VW0130SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.7	29.0	43.4
58	72.3	56.4	84.6

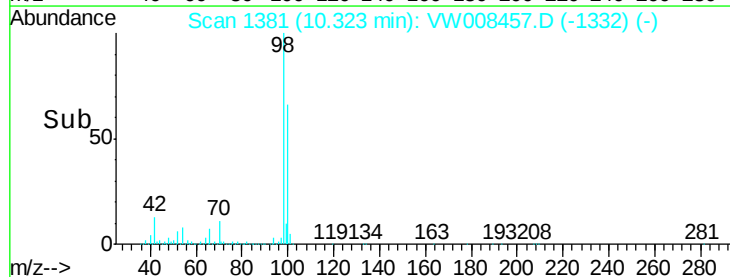
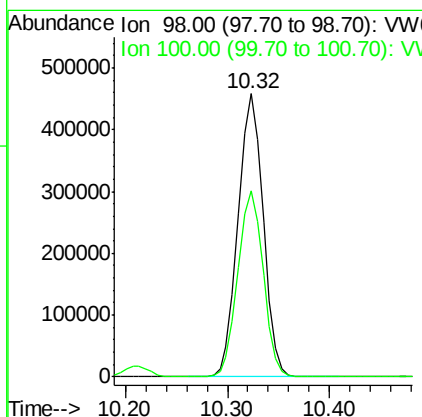
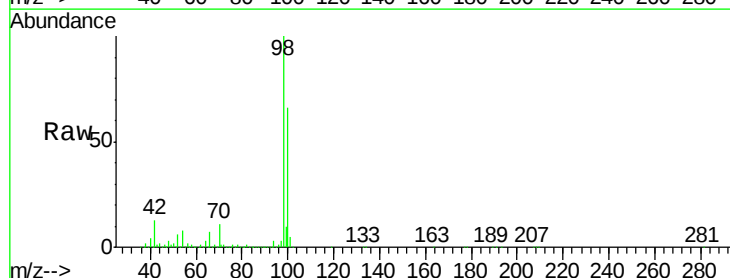
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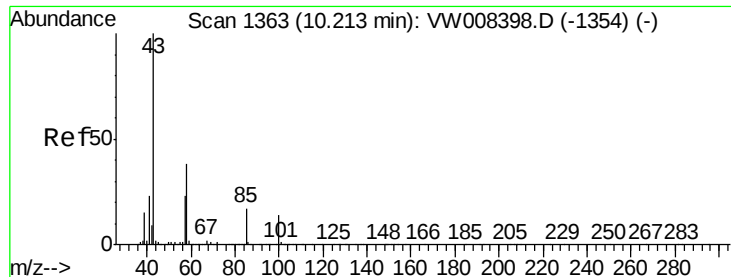
MMDadoda
2/1/2019 10:47:04 AM



#50
Toluene-d8
Concen: 52.853 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008457.D
Acq: 30 Jan 2019 11:25

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.3	52.6	78.8





#51

4-Methyl-2-Pentanone

Concen: 73.775 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.01 min

Lab File: VW008457.D

Acq: 30 Jan 2019 11:25

Instrument :

MSVOA_W

ClientSampled :

VW0130SBS01

Tot Ion: 43 Resp: 199448

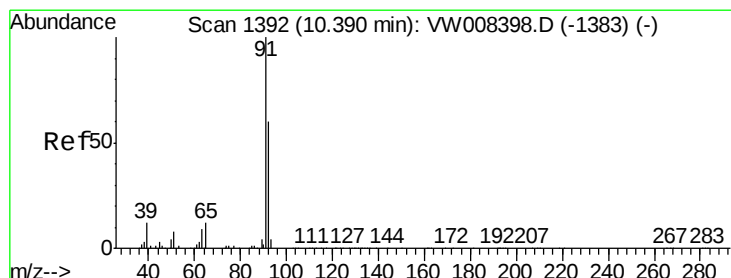
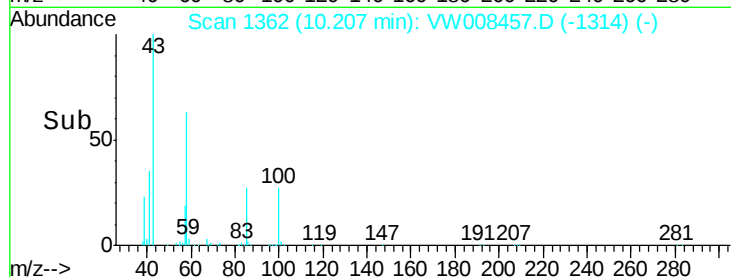
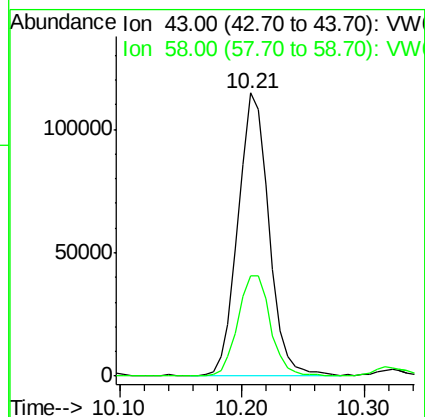
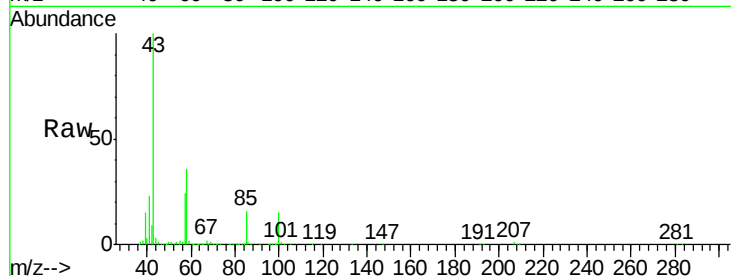
Ion Ratio Lower Upper

43 100

58 37.8 29.7 44.5

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#52

Toluene

Concen: 17.829 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW008457.D

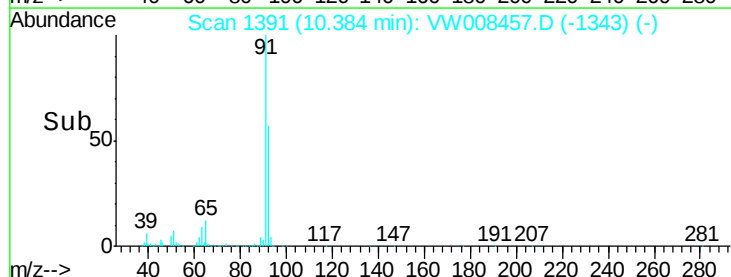
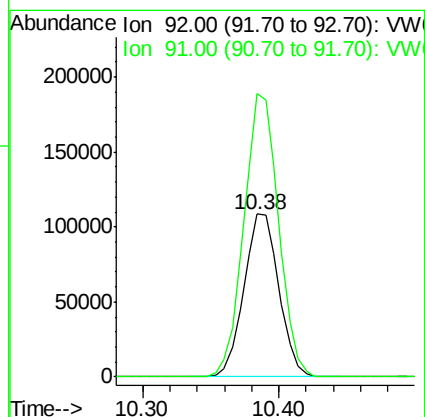
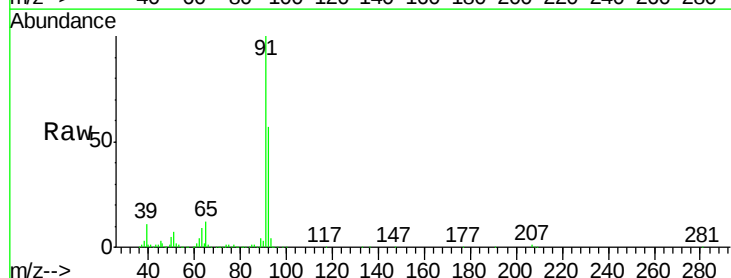
Acq: 30 Jan 2019 11:25

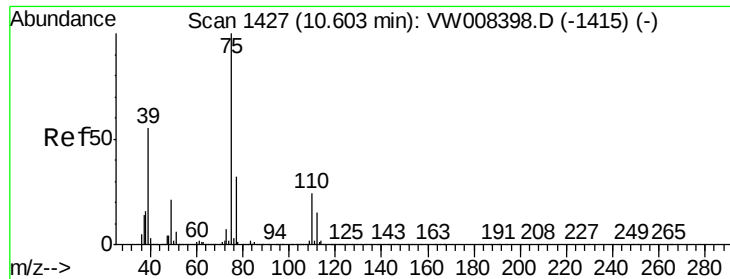
Tgt Ion: 92 Resp: 194429

Ion Ratio Lower Upper

92 100

91 172.8 135.5 203.3





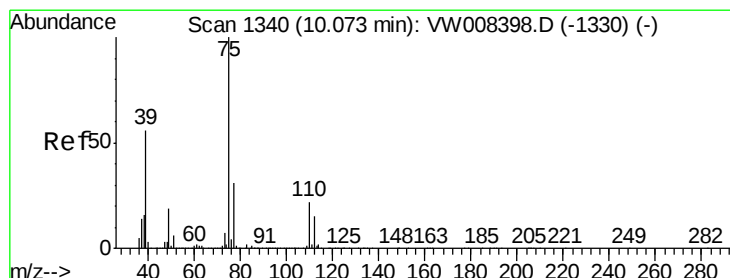
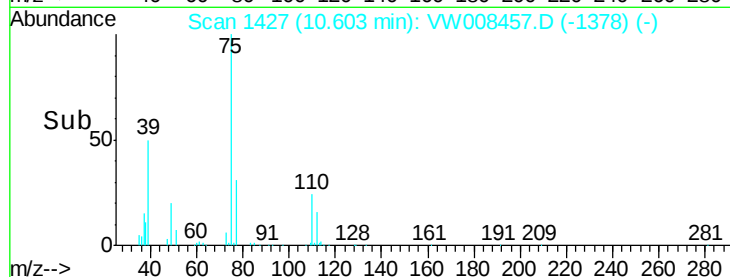
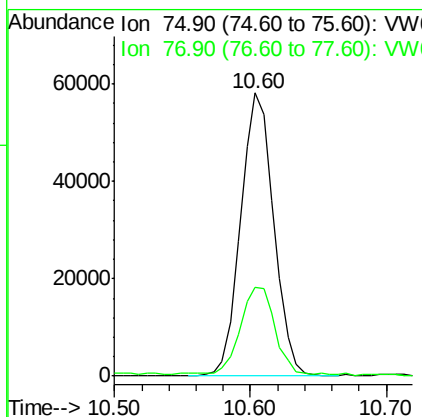
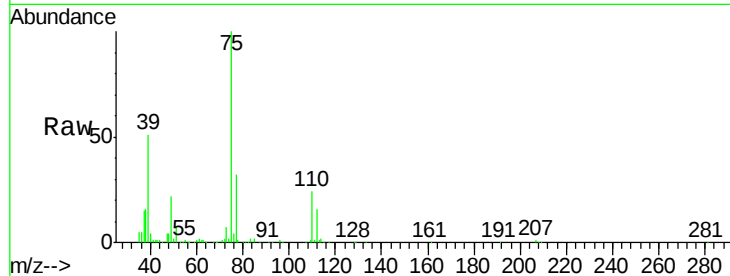
#53
t-1,3-Dichloropropene
Concen: 16.568 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. 0.00 min
Lab File: VW008457.D
Acq: 30 Jan 2019 11:25

Instrument :
MSVOA_W
ClientSampleId :
VW0130SBS01

Tot Ion: 75 Resp: 98794
Ion Ratio Lower Upper
75 100
77 30.9 25.3 37.9

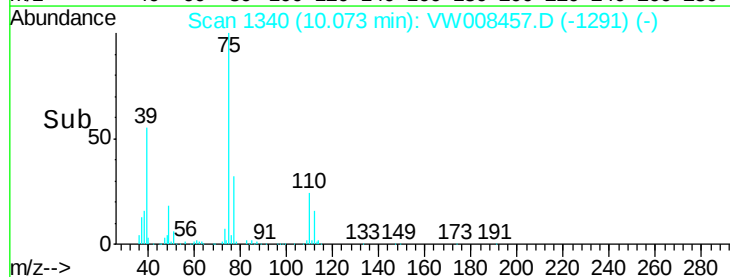
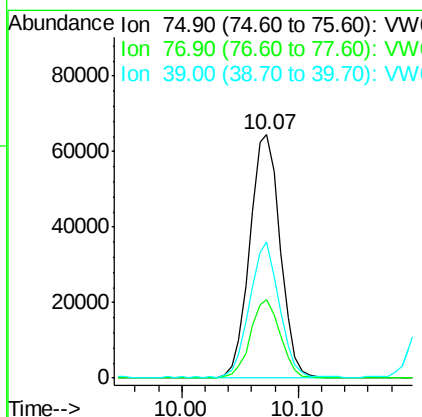
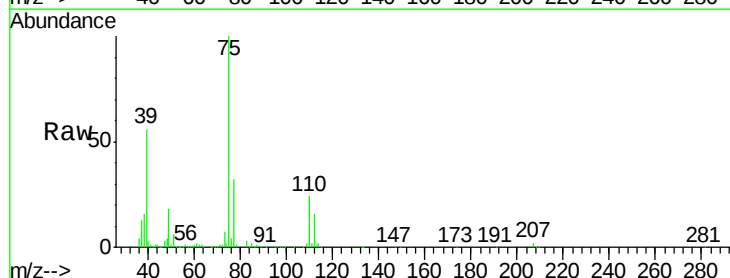
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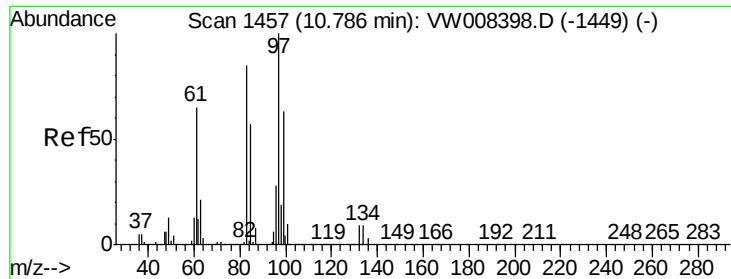
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#54
cis-1,3-Dichloropropene
Concen: 17.461 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW008457.D
Acq: 30 Jan 2019 11:25

Tgt Ion: 75 Resp: 118160
Ion Ratio Lower Upper
75 100
77 32.1 25.0 37.4
39 55.3 44.9 67.3





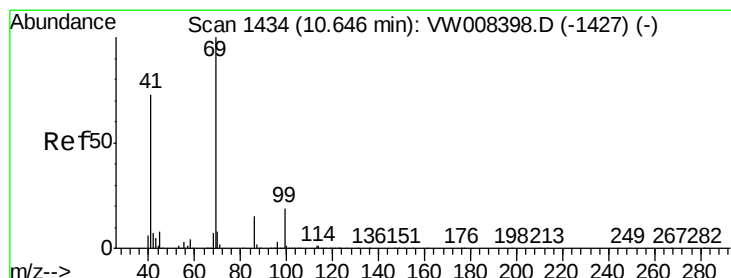
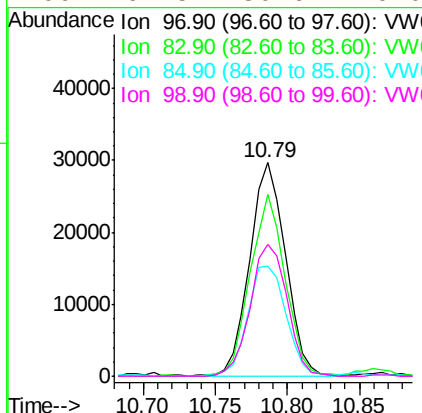
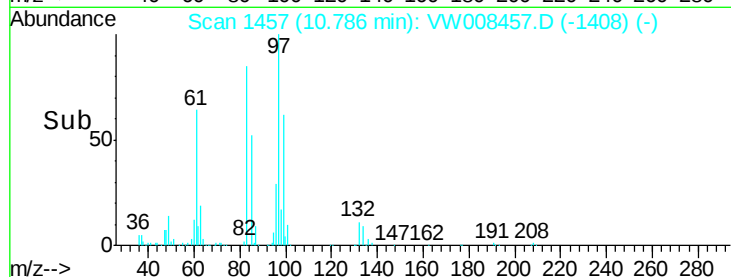
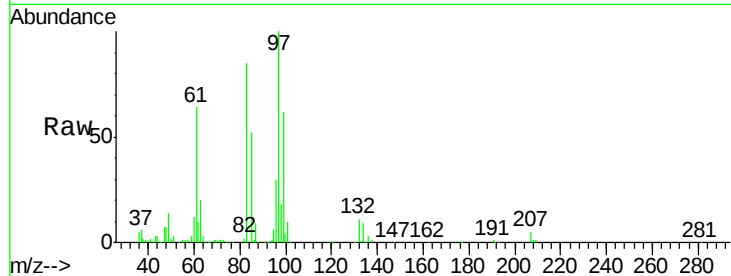
#55
 1,1,2-Trichloroethane
 Concen: 17.381 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW008457.D
 Acq: 30 Jan 2019 11:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0130SBS01

Tot Ion:	97	Resp:	51076
Ion	Ratio	Lower	Upper
97	100		
83	85.1	68.4	102.6
85	51.3	45.3	67.9
99	61.5	50.6	76.0

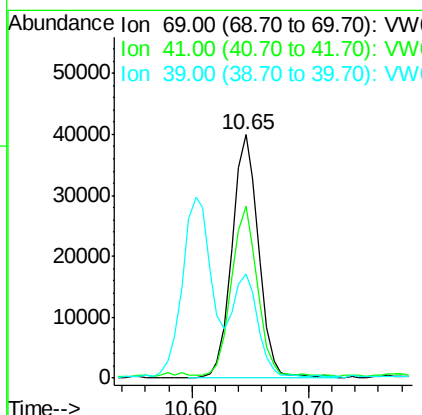
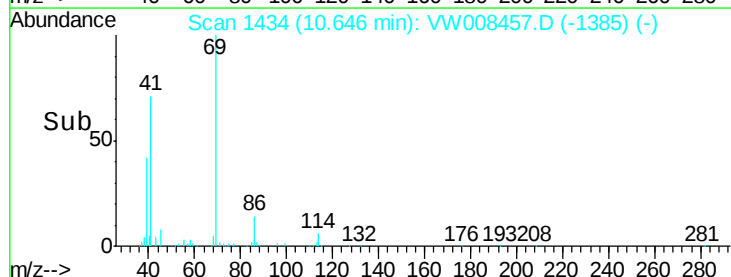
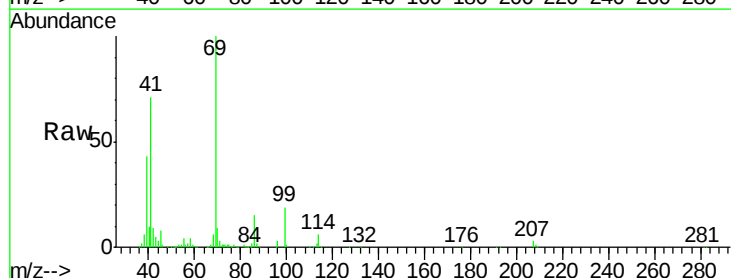
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#56
 Ethyl methacrylate
 Concen: 15.369 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW008457.D
 Acq: 30 Jan 2019 11:25

Tgt Ion:	69	Resp:	63285
Ion	Ratio	Lower	Upper
69	100		
41	69.1	58.7	88.1
39	39.9	32.6	48.8





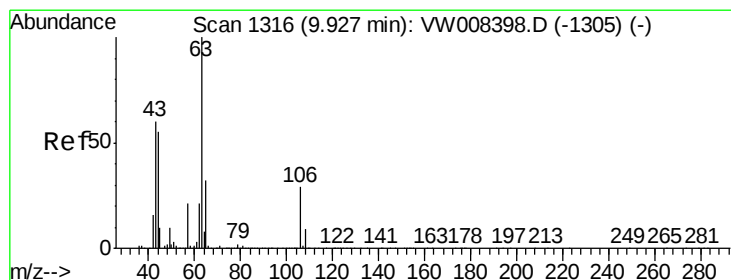
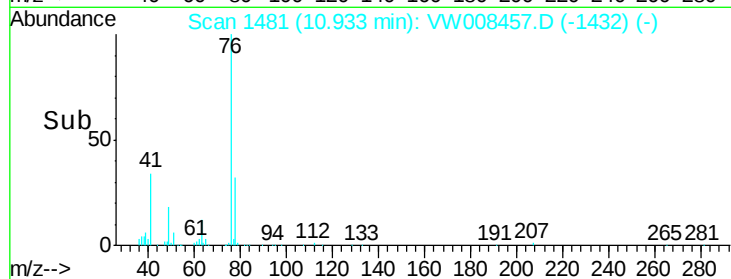
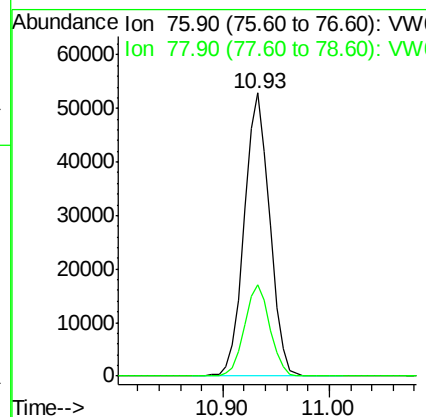
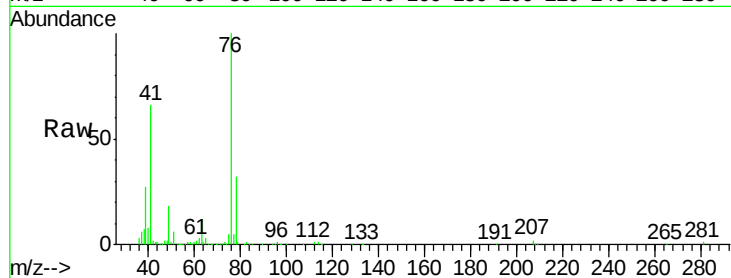
#57
 1,3-Dichloropropane
 Concen: 16.874 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW008457.D
 Acq: 30 Jan 2019 11:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0130SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.8	38.8

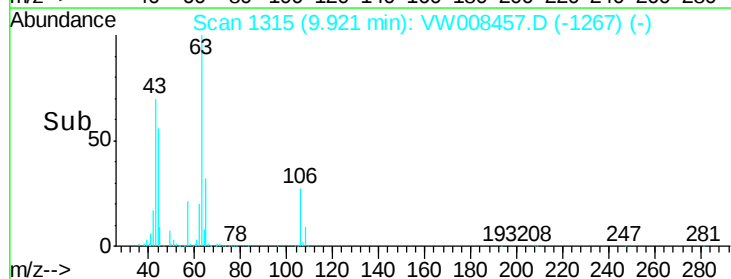
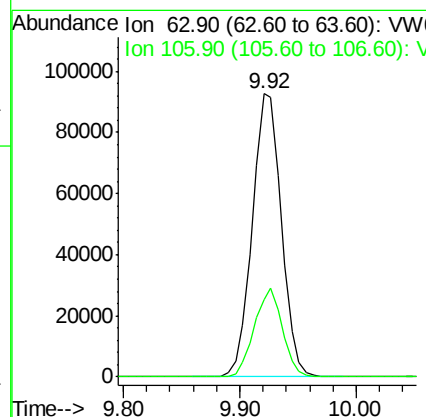
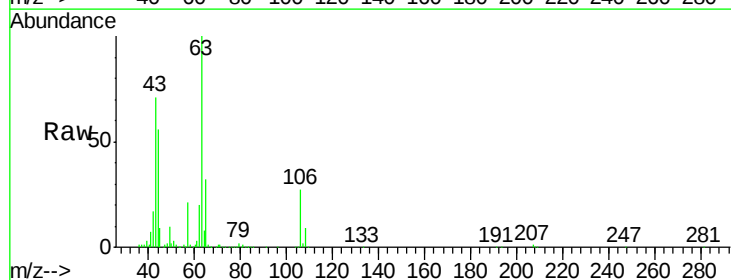
Manual Integrations
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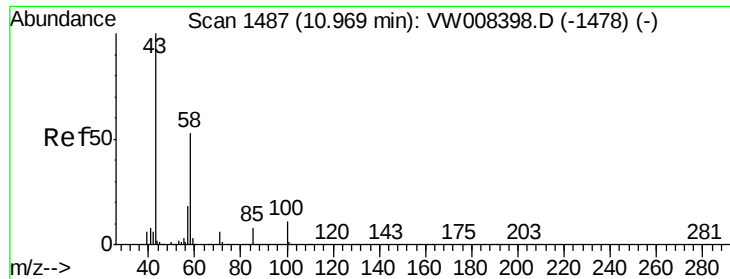
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 2/1/2019 10:47:04 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 80.708 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VW008457.D
 Acq: 30 Jan 2019 11:25

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.3	22.4	33.6





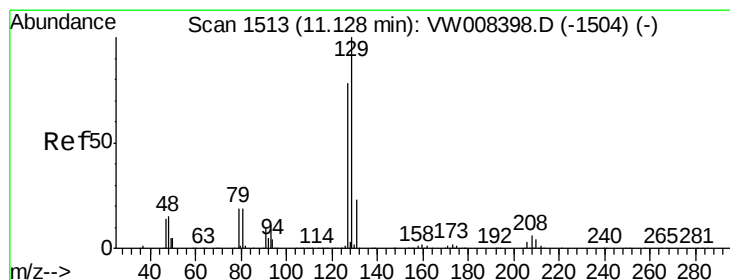
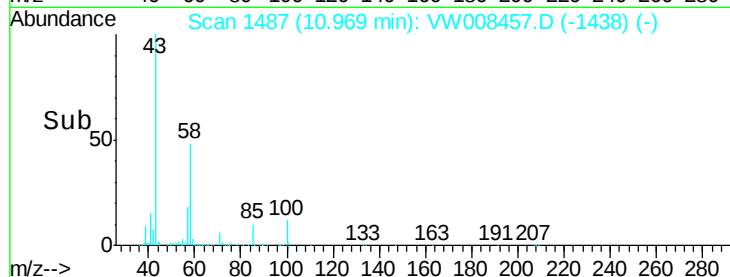
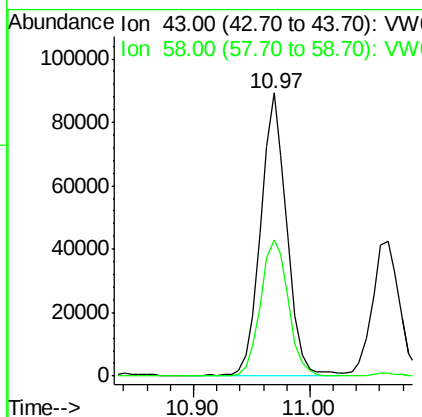
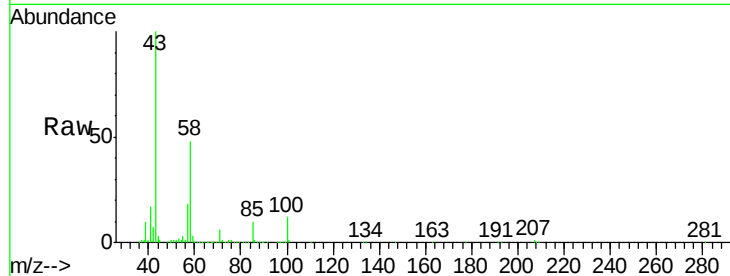
#59
2-Hexanone
Concen: 72.274 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW008457.D
Acq: 30 Jan 2019 11:25

Instrument :
MSVOA_W
ClientSampleId :
VW0130SBS01

Tot Ion: 43 Resp: 137937
Ion Ratio Lower Upper
43 100
58 51.8 25.9 77.7

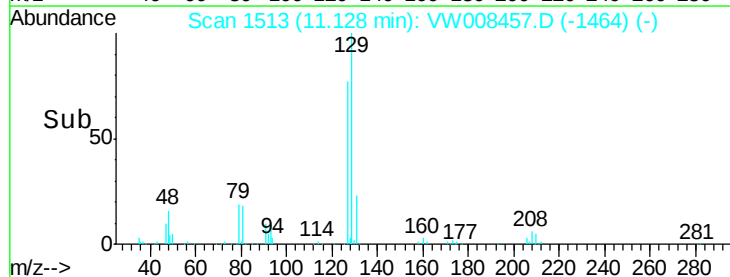
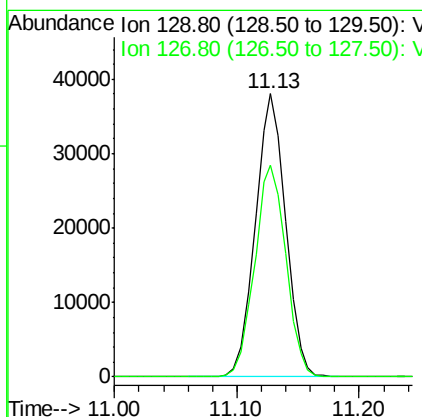
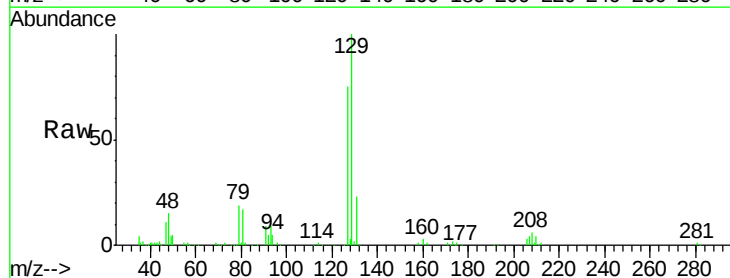
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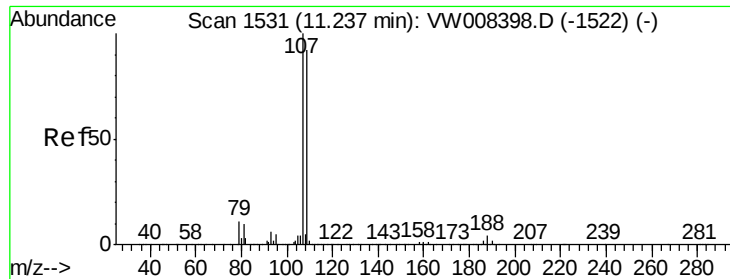
MMDadoda
2/1/2019 10:47:04 AM



#60
Dibromochloromethane
Concen: 17.363 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW008457.D
Acq: 30 Jan 2019 11:25

Tgt Ion: 129 Resp: 65570
Ion Ratio Lower Upper
129 100
127 77.2 39.1 117.2





#61

1,2-Dibromoethane

Concen: 16.493 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW008457.D

Acq: 30 Jan 2019 11:25

Instrument :

MSVOA_W

ClientSampleId :

VW0130SBS01

Tot Ion: 107 Resp: 48058

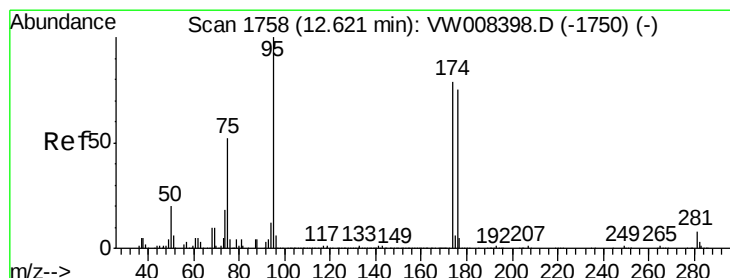
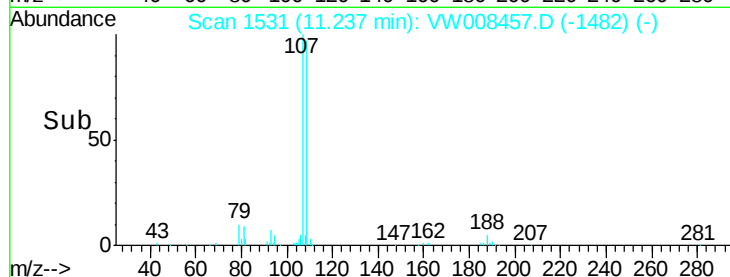
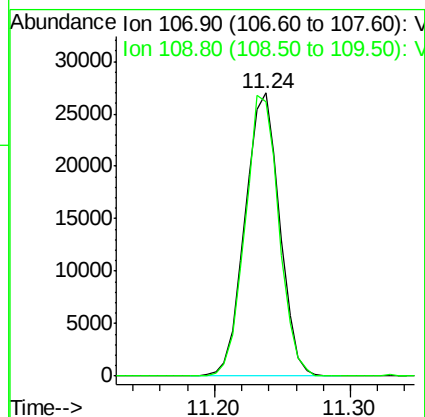
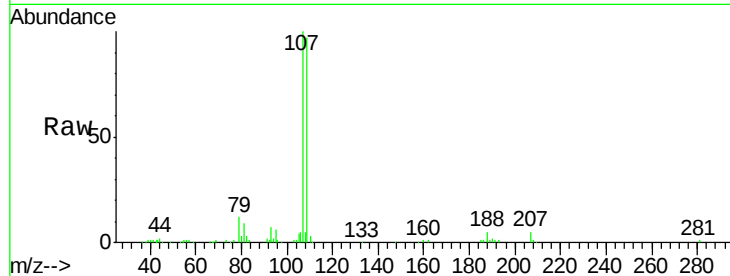
Ion Ratio Lower Upper

107 100

109 96.6 75.0 112.4

Manual Integrations
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2/1/2019 10:47:04 AM



#62

4-Bromofluorobenzene

Concen: 48.543 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008457.D

Acq: 30 Jan 2019 11:25

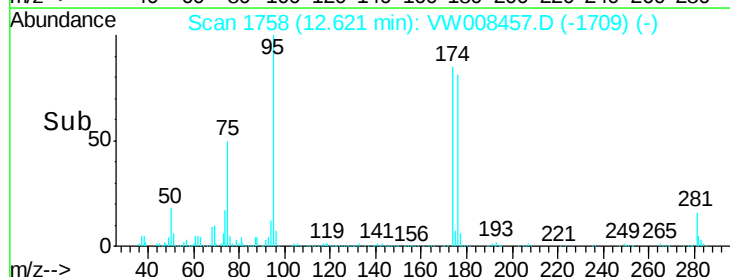
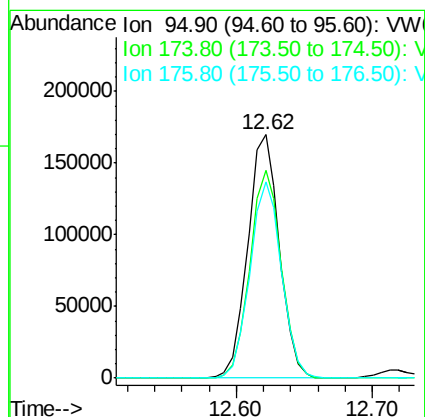
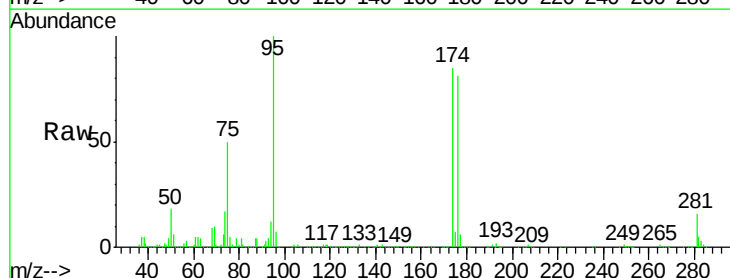
Tgt Ion: 95 Resp: 275755

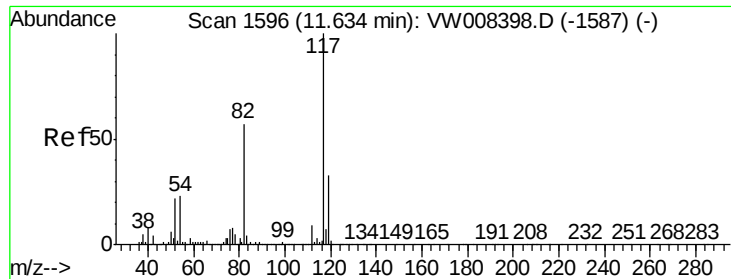
Ion Ratio Lower Upper

95 100

174 84.8 0.0 157.6

176 80.8 0.0 151.8





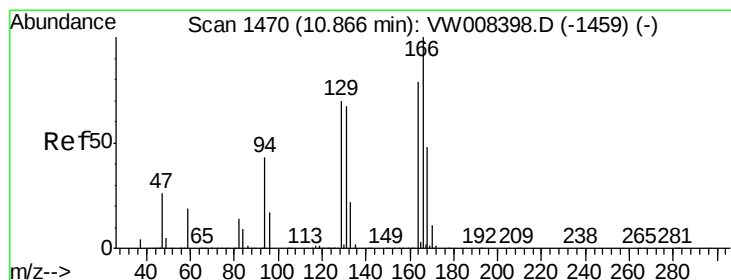
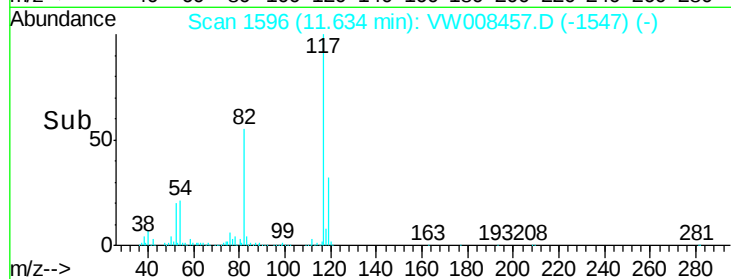
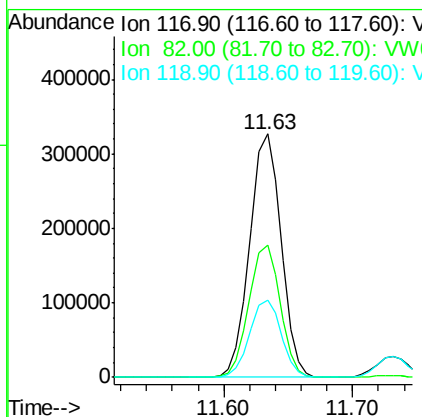
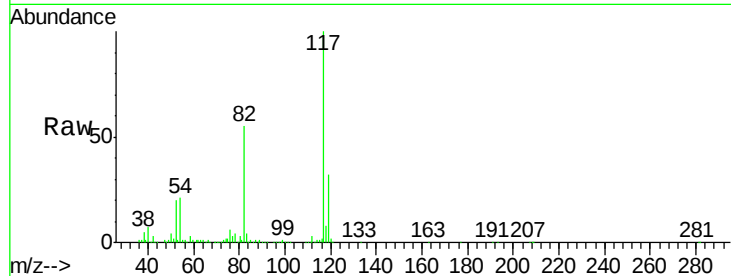
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008457.D
Acq: 30 Jan 2019 11:25

Instrument :
MSVOA_W
ClientSampleId :
VW0130SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	548434		
82	54.5	45.4	68.0	
119	32.0	26.2	39.4	

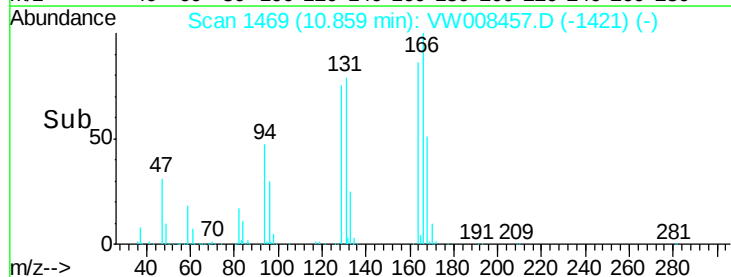
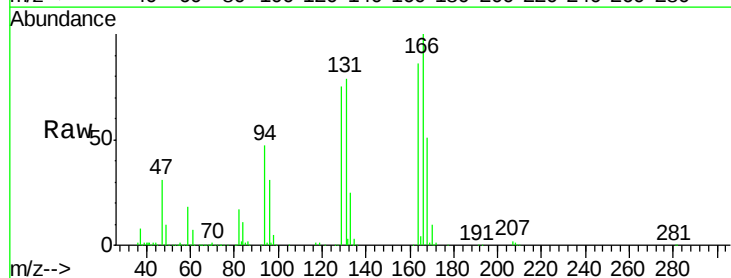
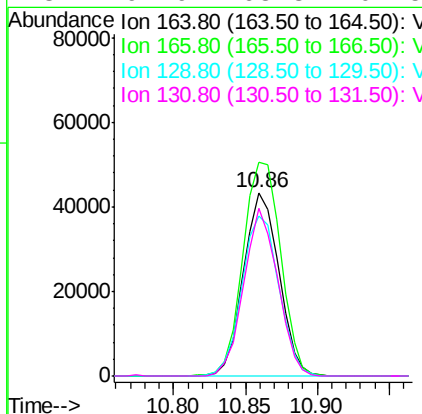
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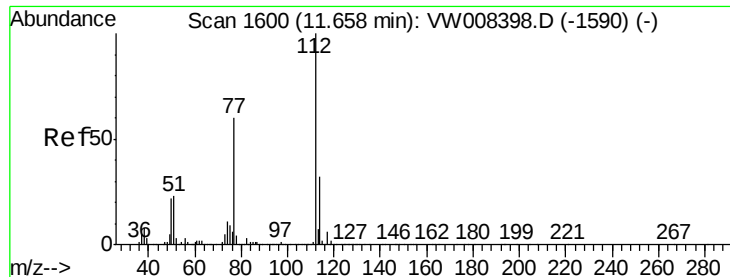
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#64
Tetrachloroethene
Concen: 19.918 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW008457.D
Acq: 30 Jan 2019 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	73959		
166	116.6	101.4	152.0	
129	87.5	71.0	106.6	
131	91.9	68.3	102.5	





#65

Chlorobenzene

Concen: 18.921 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW008457.D

Acq: 30 Jan 2019 11:25

Instrument :

MSVOA_W

ClientSampled :

VW0130SBS01

Tot Ion:112 Resp: 211833

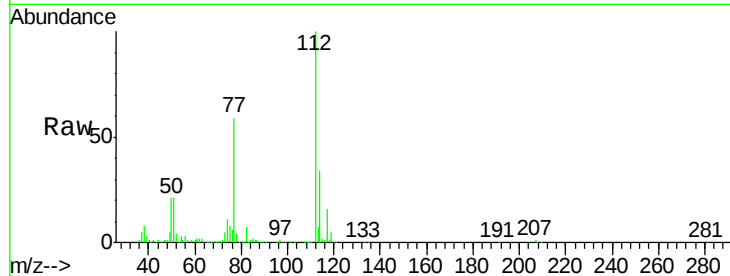
Ion Ratio Lower Upper

112 100

114 34.1 25.4 38.2

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.66

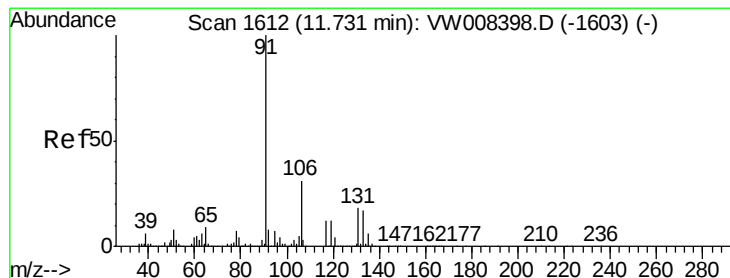
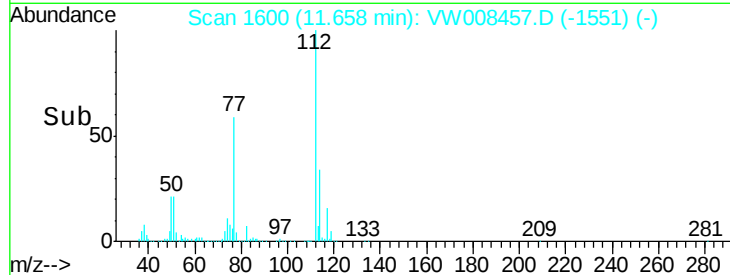
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 18.663 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW008457.D

Acq: 30 Jan 2019 11:25

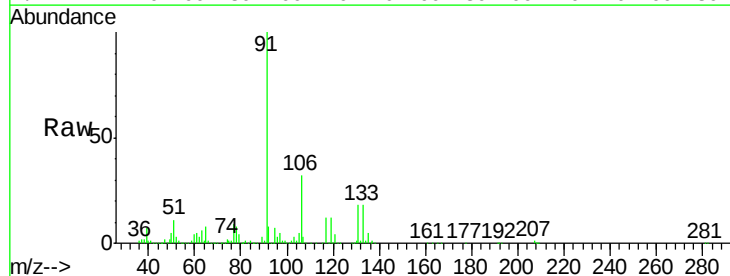
Tgt Ion:131 Resp: 74754

Ion Ratio Lower Upper

131 100

133 99.5 47.0 141.2

119 64.9 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

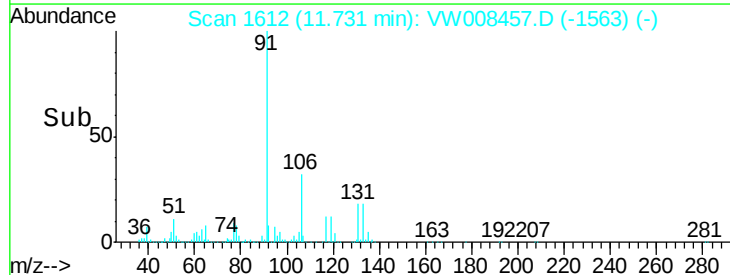
11.73

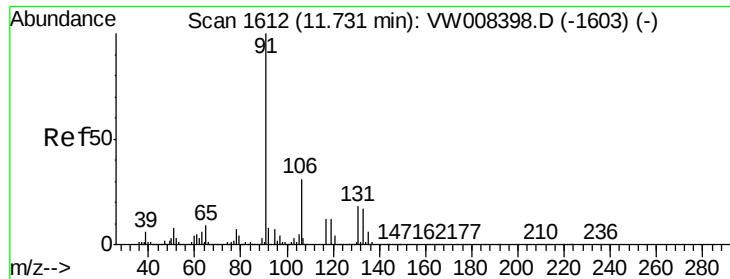
100000

50000

0

Time-->





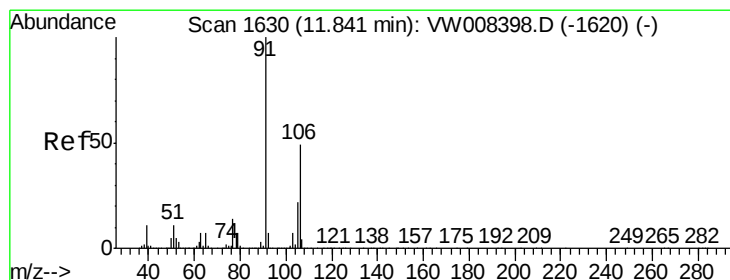
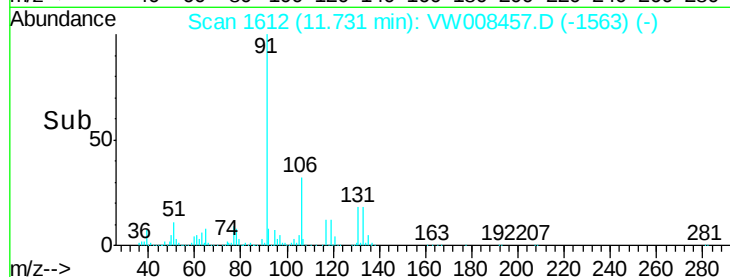
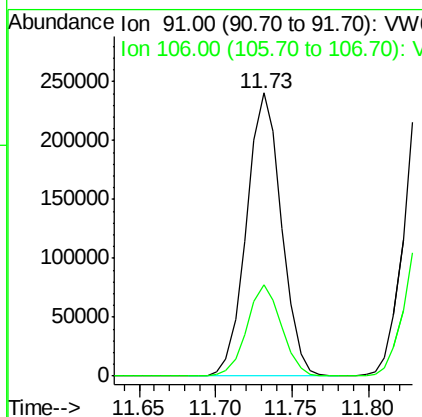
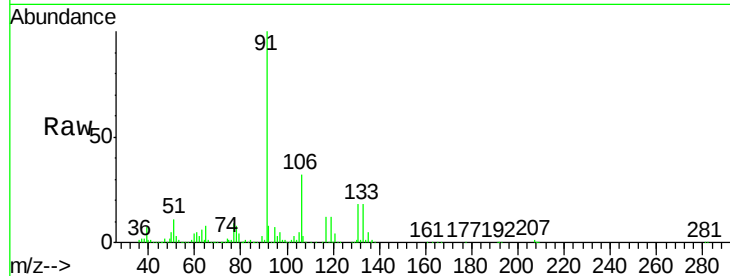
#67
Ethyl Benzene
Concen: 18.538 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008457.D
Acq: 30 Jan 2019 11:25

Instrument :
MSVOA_W
ClientSampled :
VW0130SBS01

Tot Ion: 91 Resp: 381487
Ion Ratio Lower Upper
91 100
106 32.1 24.7 37.1

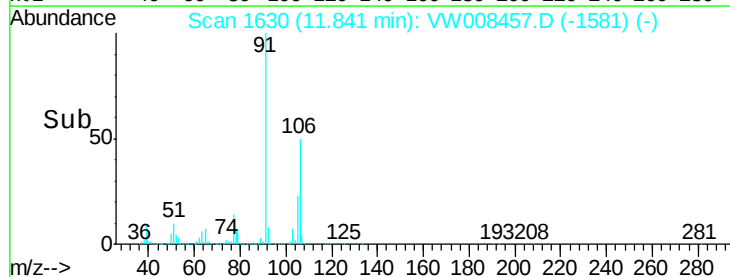
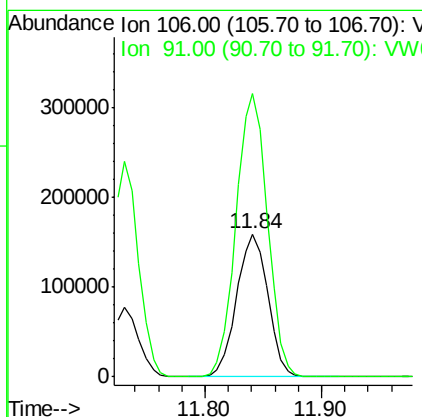
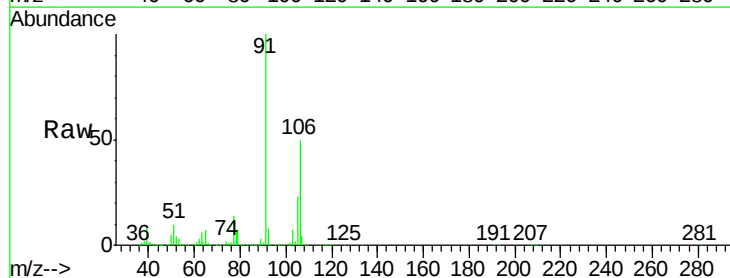
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#68
m/p-Xylenes
Concen: 37.245 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW008457.D
Acq: 30 Jan 2019 11:25

Tgt Ion: 106 Resp: 297386
Ion Ratio Lower Upper
106 100
91 199.4 162.9 244.3





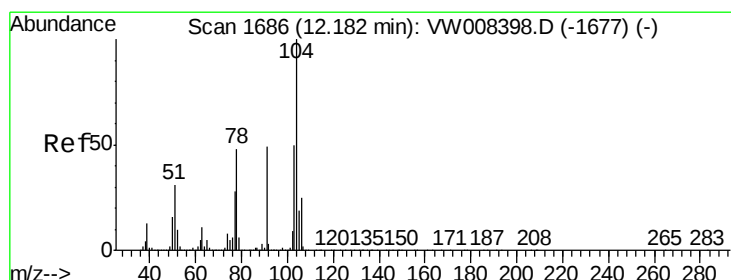
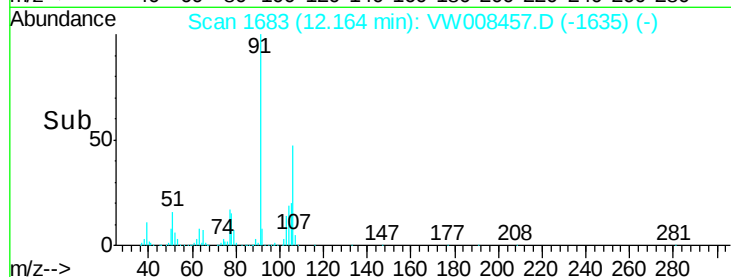
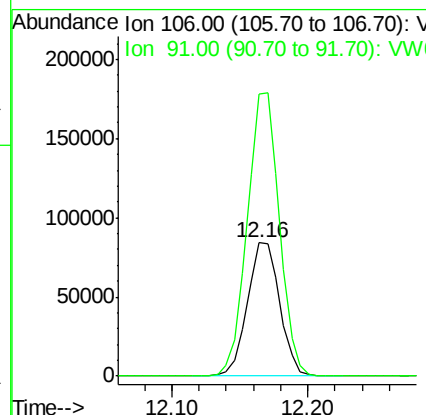
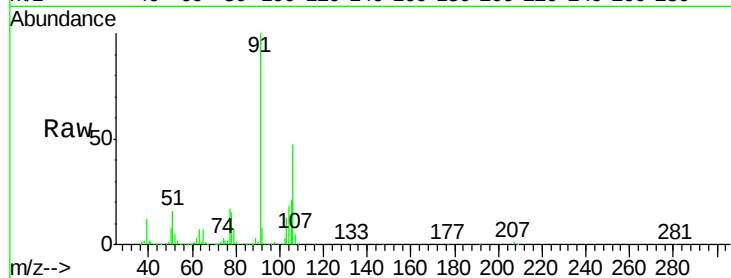
#69
o-Xylene
Concen: 18.509 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW008457.D
Acq: 30 Jan 2019 11:25

Instrument :
MSVOA_W
ClientSampleId :
VW0130SBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	210.3	107.5	322.4

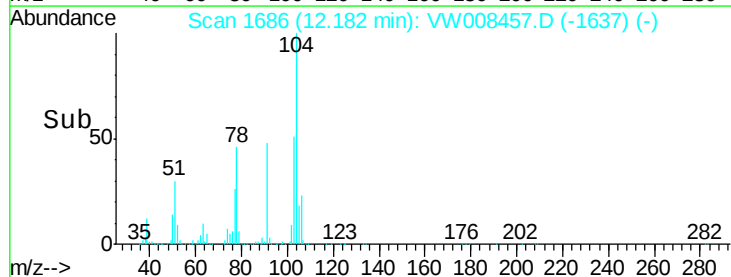
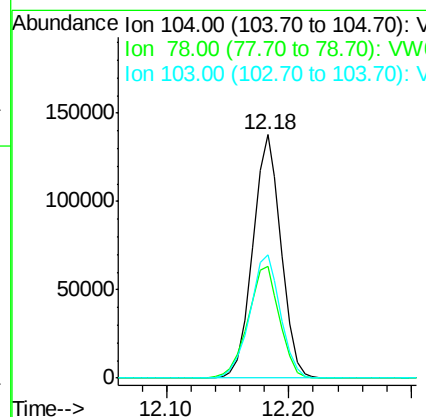
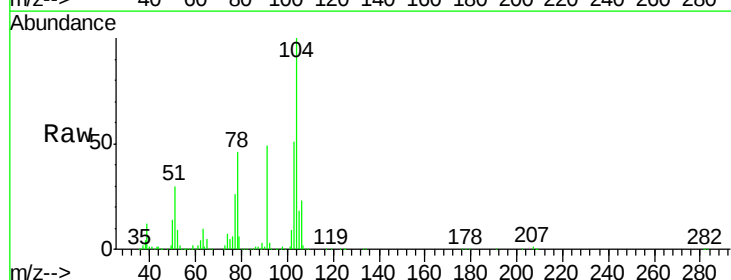
Manual Integrations
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#70
Styrene
Concen: 17.660 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW008457.D
Acq: 30 Jan 2019 11:25

Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.9	42.4	63.6
103	54.7	43.4	65.0





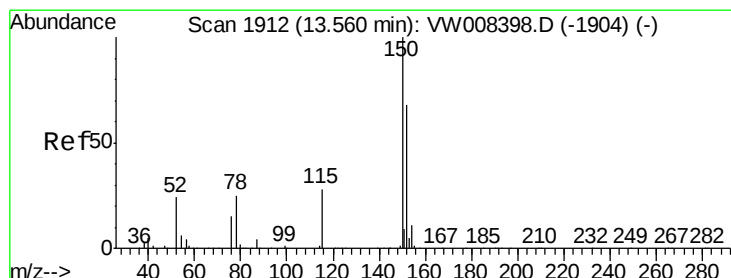
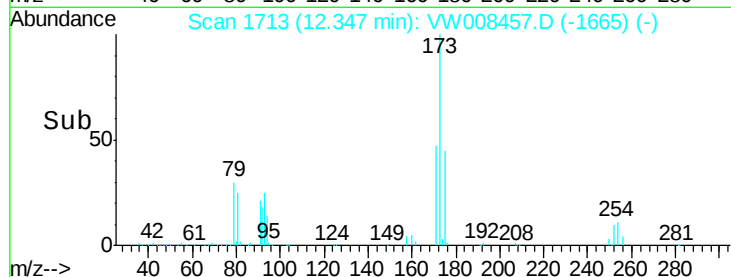
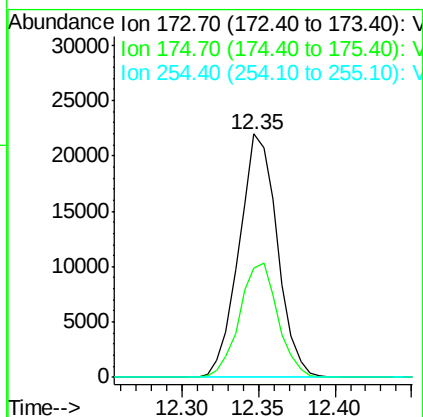
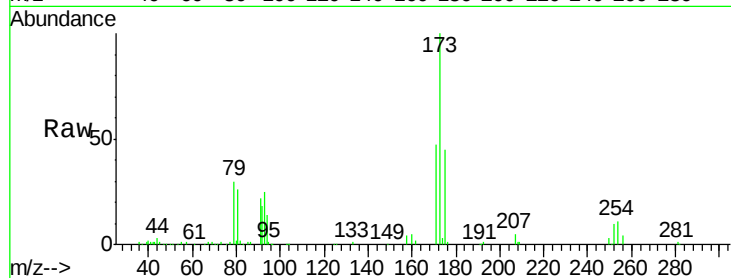
#71
Bromoform
Concen: 16.914 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.01 min
Lab File: VW008457.D
Acq: 30 Jan 2019 11:25

Instrument :
MSVOA_W
ClientSampleId :
VW0130SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.2	24.4	73.4
254	0.0	0.2	0.2

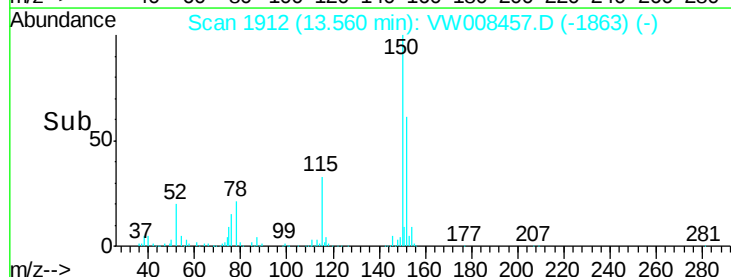
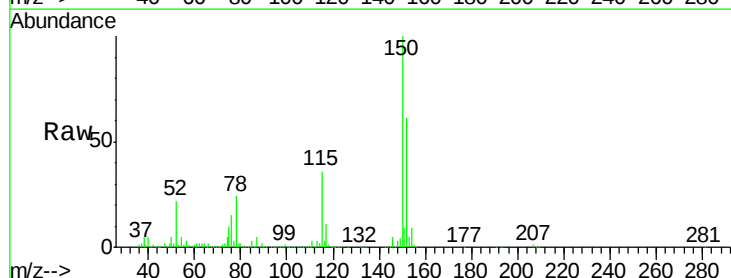
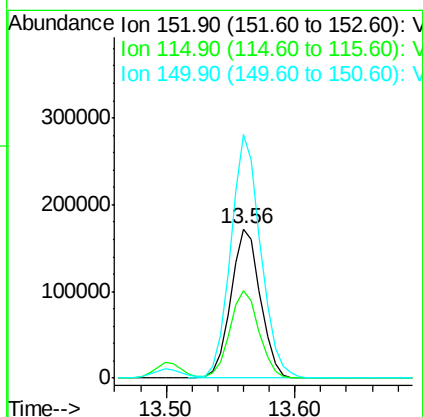
Manual Integrations
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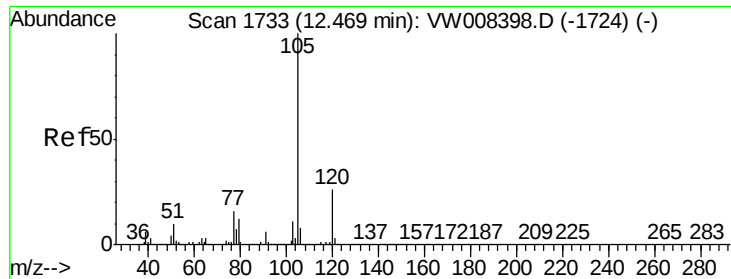
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008457.D
Acq: 30 Jan 2019 11:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.1	29.9	89.7
150	165.9	0.0	351.4





#73

Isopropylbenzene

Concen: 19.272 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW008457.D

Acq: 30 Jan 2019 11:25

Instrument :

MSVOA_W

ClientSampled :

VW0130SBS01

Tot Ion: 105 Resp: 392819

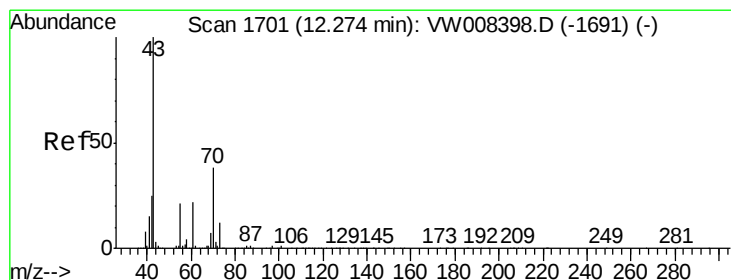
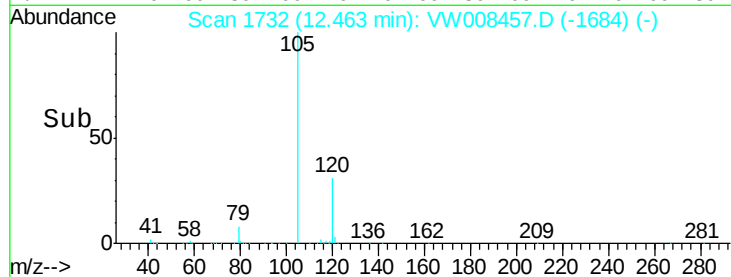
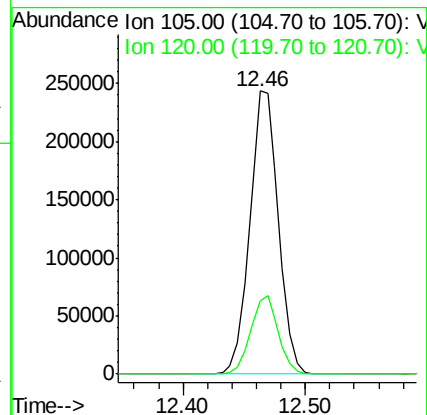
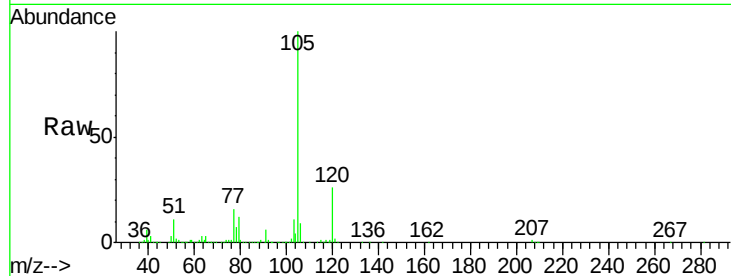
Ion Ratio Lower Upper

105 100

120 26.6 13.3 39.8

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#74

N-ethyl acetate

Concen: 14.943 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW008457.D

Acq: 30 Jan 2019 11:25

Tgt Ion: 43 Resp: 78465

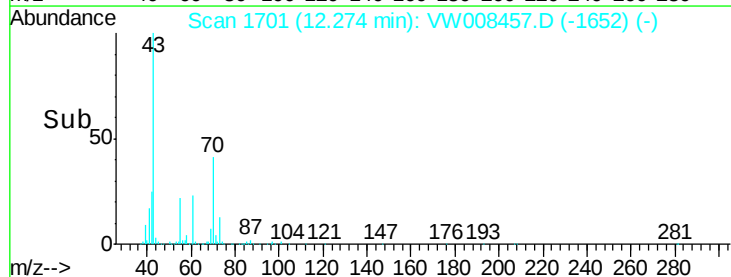
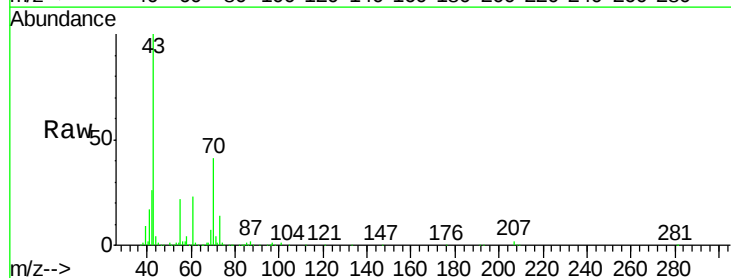
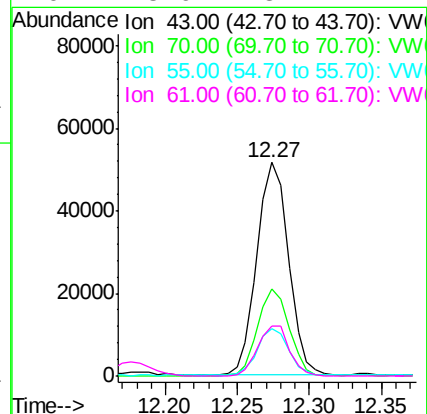
Ion Ratio Lower Upper

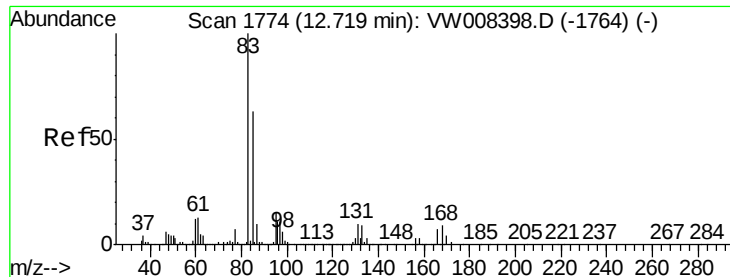
43 100

70 40.6 31.0 46.6

55 22.0 17.4 26.2

61 23.9 18.2 27.4





#75

1,1,2,2-Tetrachloroethane

Concen: 16.868 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW008457.D

Acq: 30 Jan 2019 11:25

Instrument :

MSVOA_W

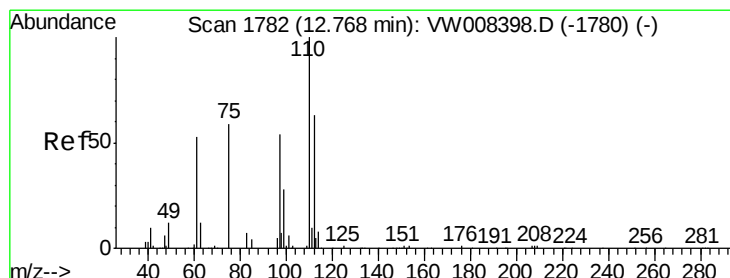
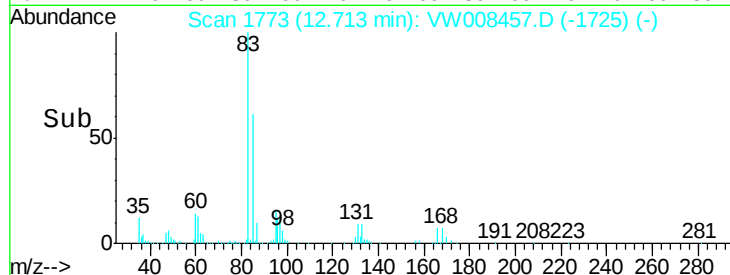
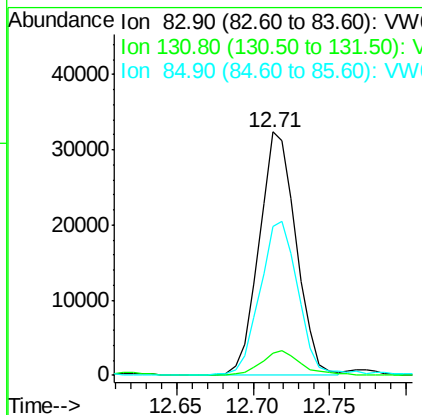
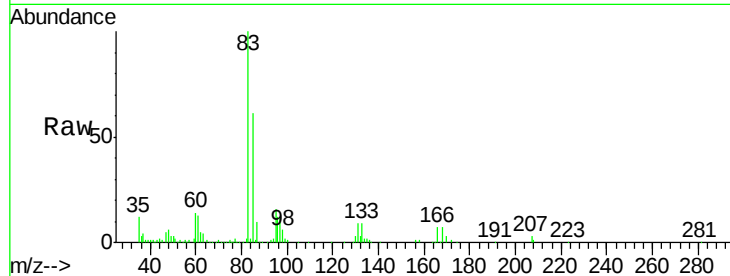
ClientSampleId :

VW0130SBS01

Tot Ion:	83	Resp:	54435
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.5	16.4
85	65.4	31.9	95.5

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#76

1,2,3-Trichloropropane

Concen: 16.295 ug/l m

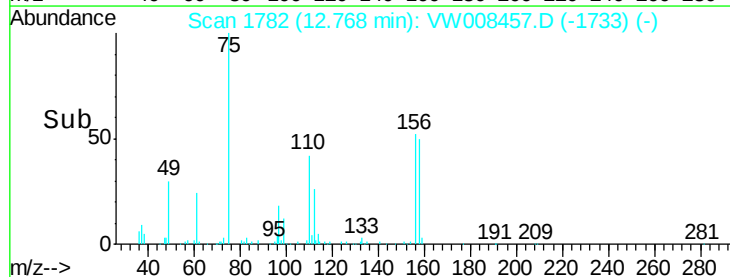
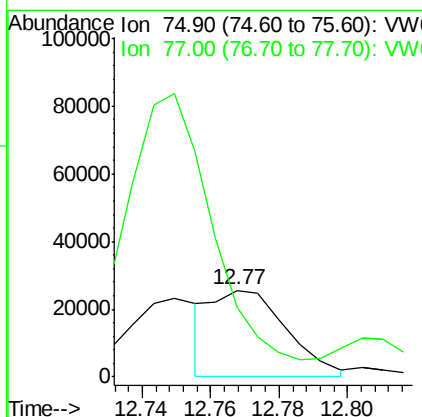
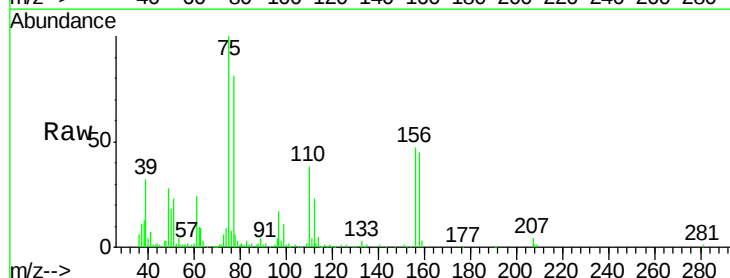
RT: 12.77 min Scan# 1782

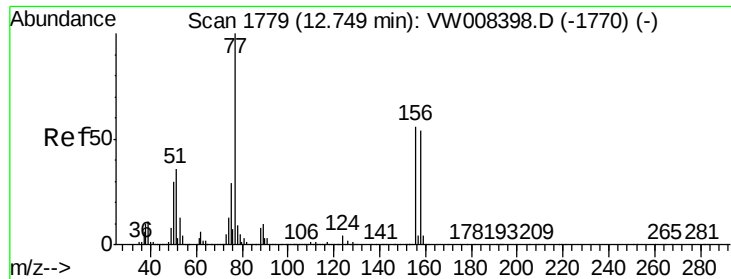
Delta R.T. 0.00 min

Lab File: VW008457.D

Acq: 30 Jan 2019 11:25

Tgt Ion:	75	Resp:	38734
Ion Ratio	Lower	Upper	
75	100		
77	394.0	180.7	542.1





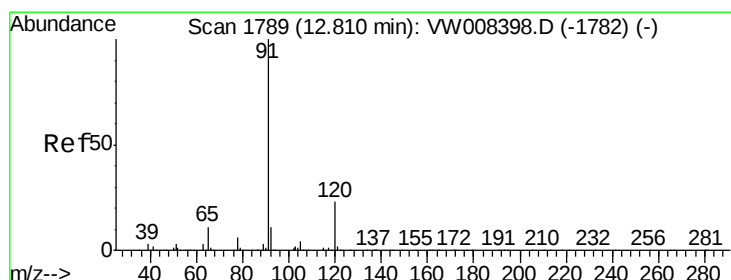
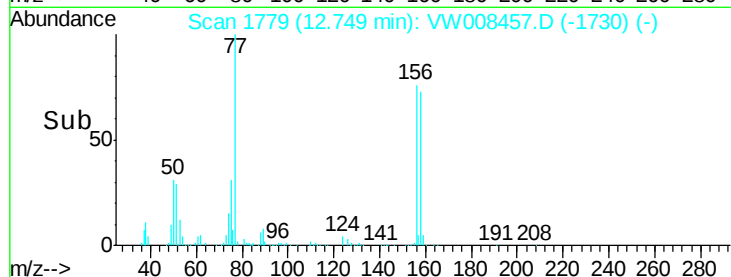
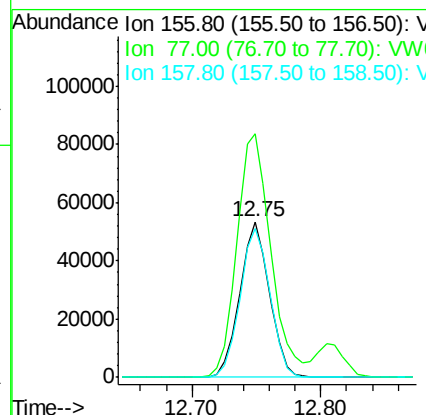
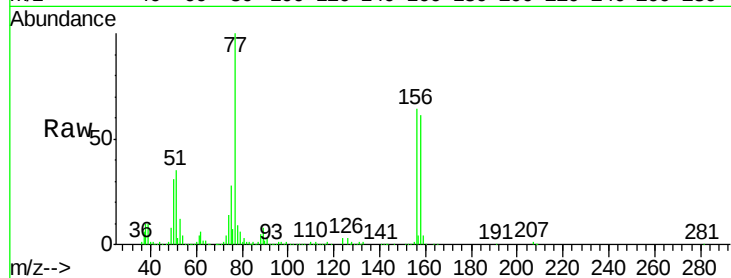
#77
Bromobenzene
Concen: 19.087 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VW008457.D
Acq: 30 Jan 2019 11:25

Instrument :
MSVOA_W
ClientSampleId :
VW0130SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	179.6	96.9	290.7
158	96.8	48.8	146.4

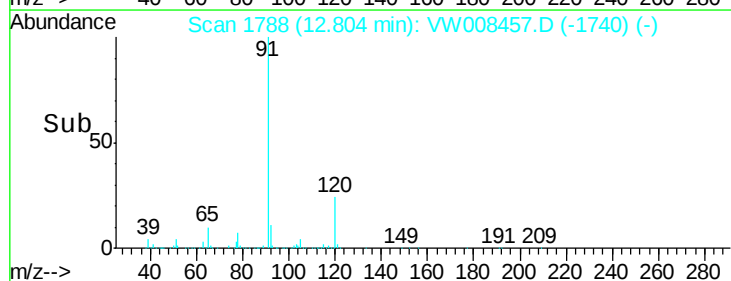
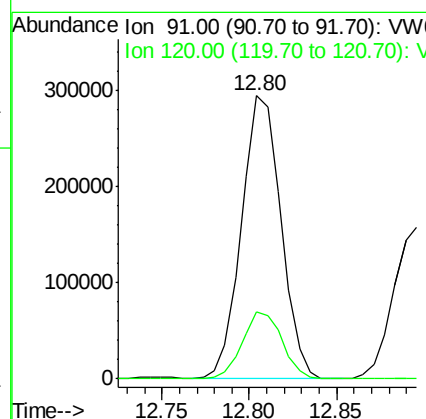
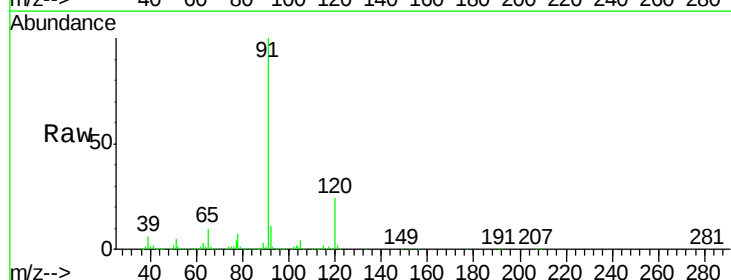
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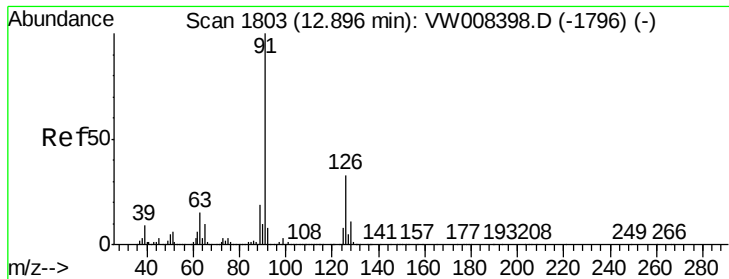
MMDadoda
2/1/2019 10:47:04 AM



#78
n-propylbenzene
Concen: 18.915 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.01 min
Lab File: VW008457.D
Acq: 30 Jan 2019 11:25

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.8	11.4	34.1





#79

2-Chlorotoluene

Concen: 18.596 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW008457.D

Acq: 30 Jan 2019 11:25

Instrument :

MSVOA_W

ClientSampleId :

VW0130SBS01

Tot Ion: 91 Resp: 256898

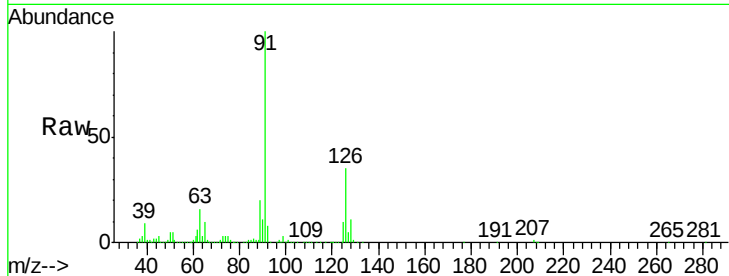
Ion Ratio Lower Upper

91 100

126 35.1 16.5 49.5

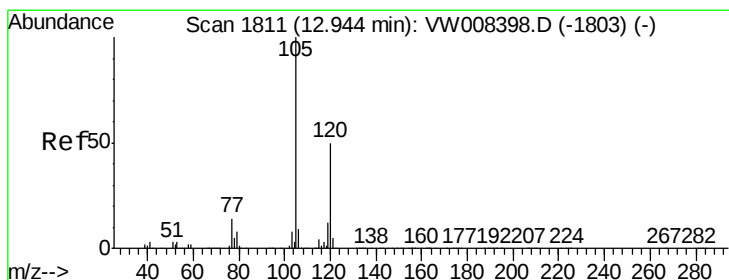
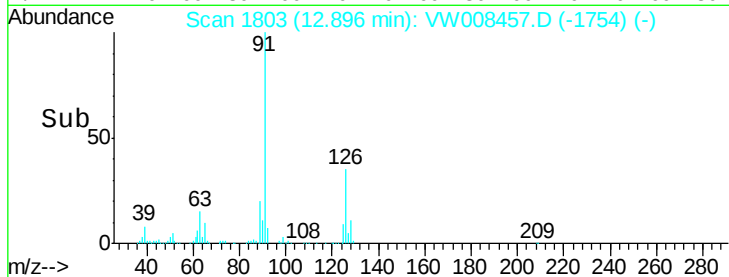
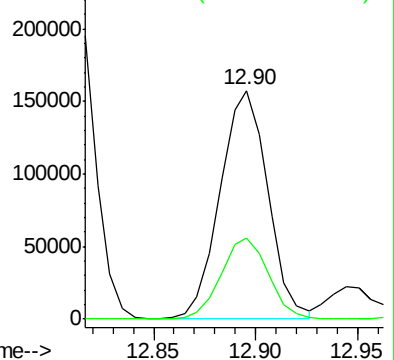
Manual Integrations
APPROVED

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 18.837 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW008457.D

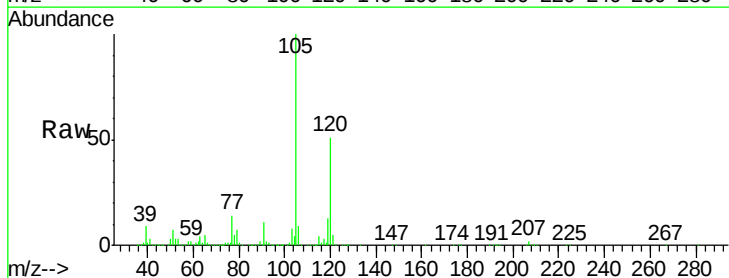
Acq: 30 Jan 2019 11:25

Tgt Ion: 105 Resp: 320917

Ion Ratio Lower Upper

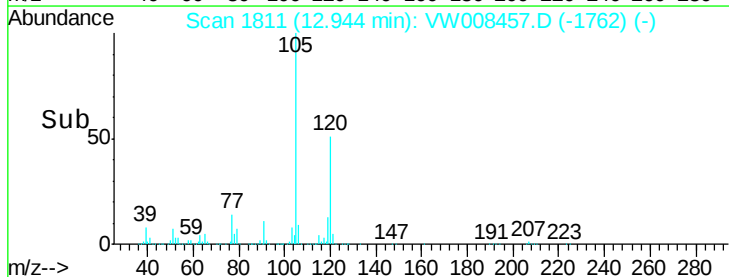
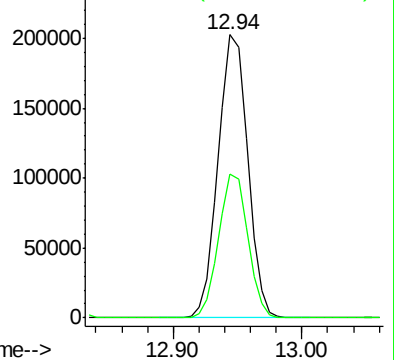
105 100

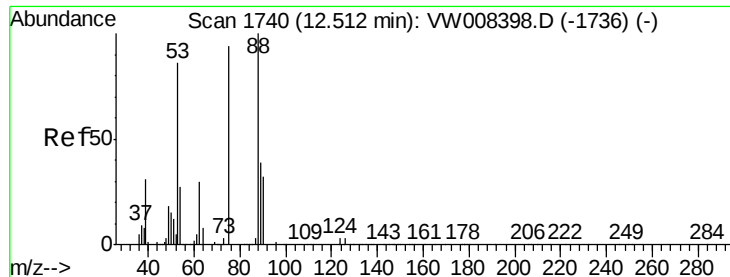
120 50.3 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





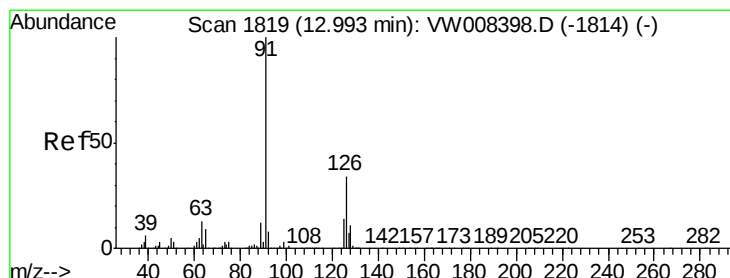
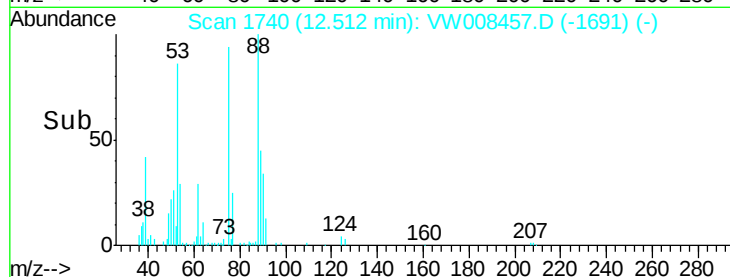
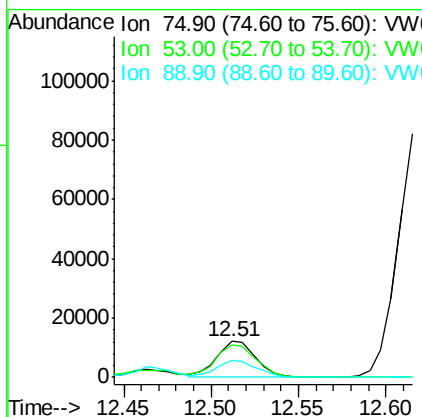
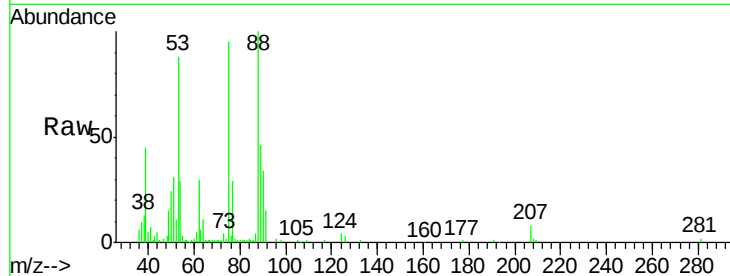
#81
trans-1,4-Dichloro-2-butene
Concen: 15.642 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW008457.D
Acq: 30 Jan 2019 11:25

Instrument :
MSVOA_W
ClientSampleId :
VW0130SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	95.1	76.0	114.0
89	49.6	35.4	53.0

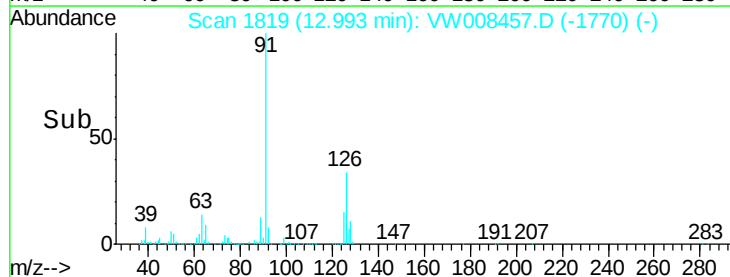
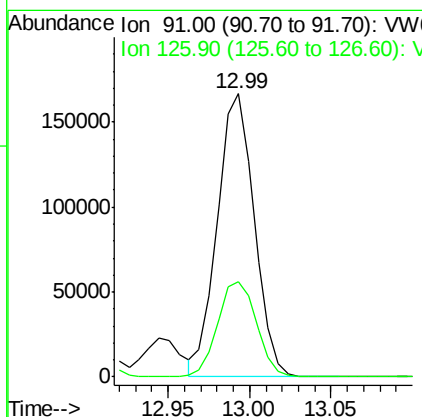
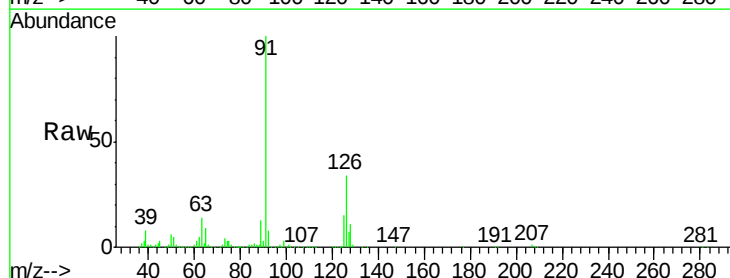
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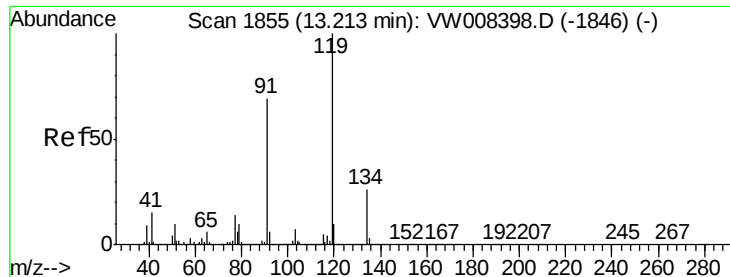
MMDadoda
2/1/2019 10:47:04 AM



#82
4-Chlorotoluene
Concen: 17.909 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW008457.D
Acq: 30 Jan 2019 11:25

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.5	16.4	49.2





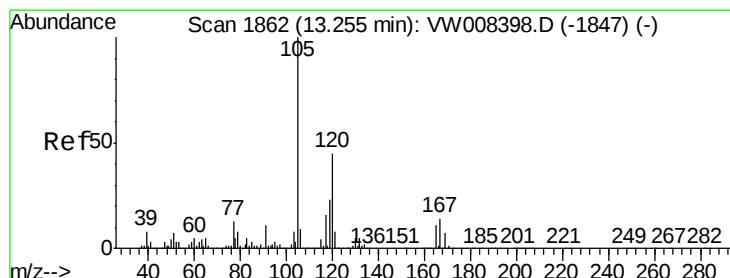
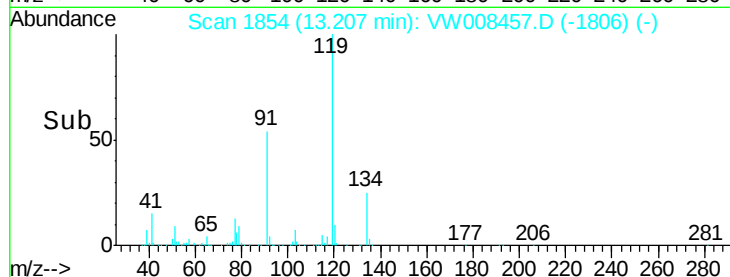
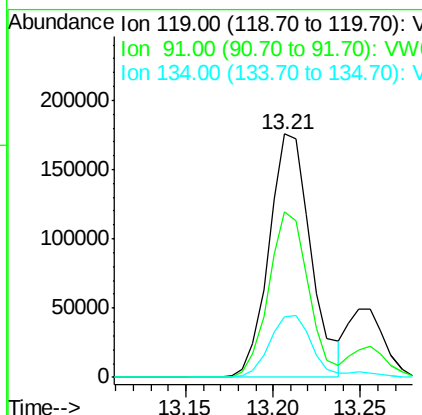
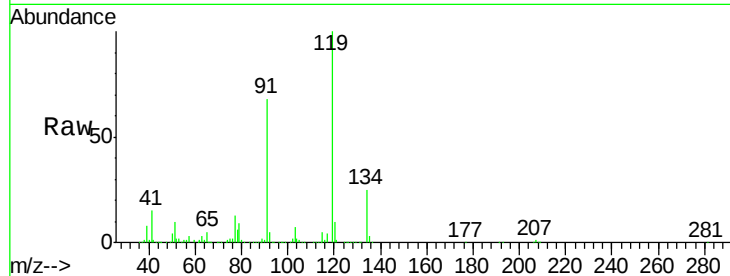
#83
tert-Butylbenzene
Concen: 19.390 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.01 min
Lab File: VW008457.D
Acq: 30 Jan 2019 11:25

Instrument :
MSVOA_W
ClientSampleId :
VW0130SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.6	33.8	101.4
134	27.2	13.5	40.4

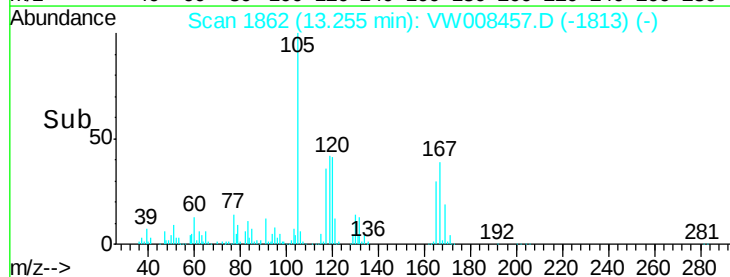
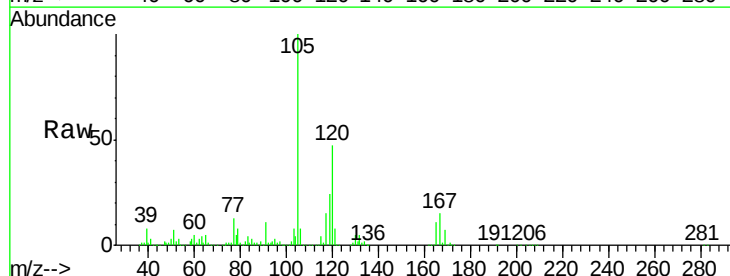
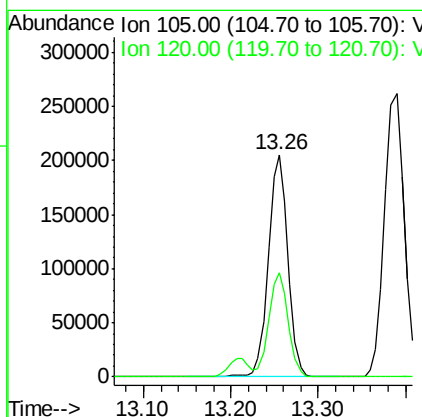
Manual Integrations
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#84
1,2,4-Trimethylbenzene
Concen: 18.652 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW008457.D
Acq: 30 Jan 2019 11:25

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.5	23.1	69.2





#85

sec-Butylbenzene

Concen: 18.918 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW008457.D

Acq: 30 Jan 2019 11:25

Instrument :

MSVOA_W

ClientSampleId :

VW0130SBS01

Tot Ion:105 Resp: 409603

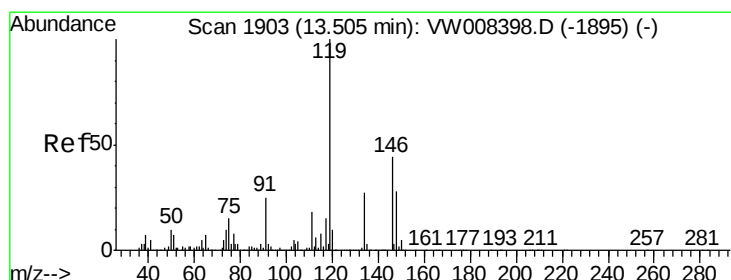
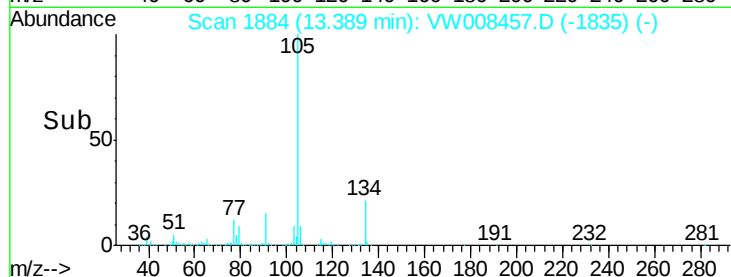
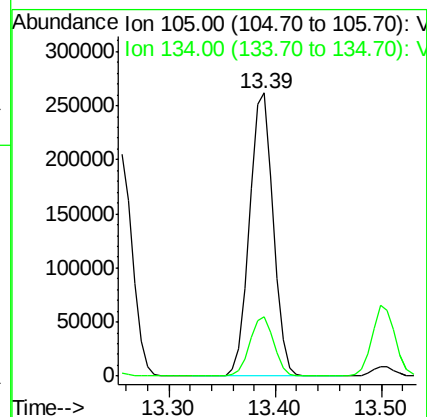
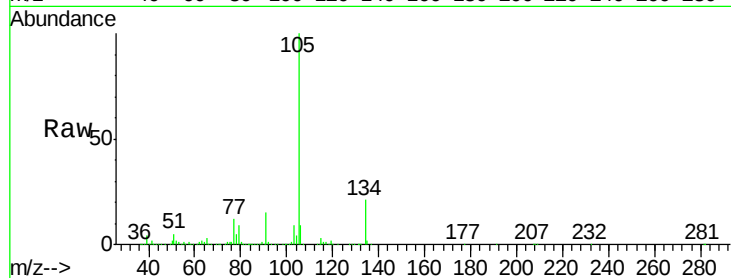
Ion Ratio Lower Upper

105 100

134 21.3 10.2 30.6

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#86

p-Isopropyltoluene

Concen: 19.072 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.01 min

Lab File: VW008457.D

Acq: 30 Jan 2019 11:25

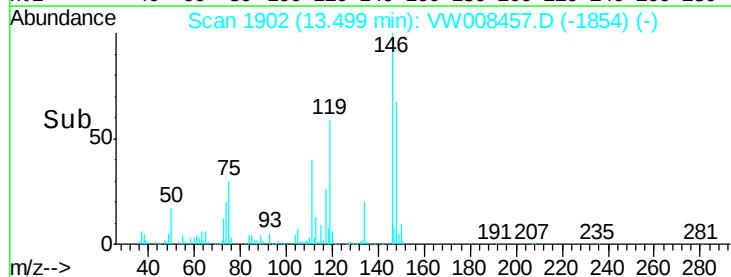
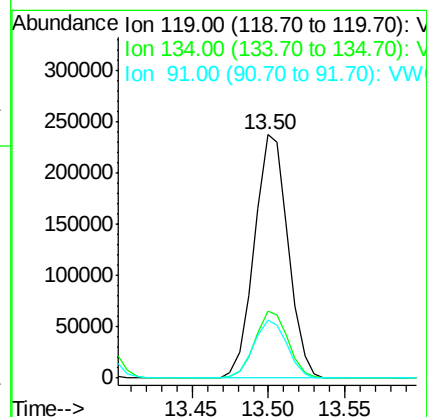
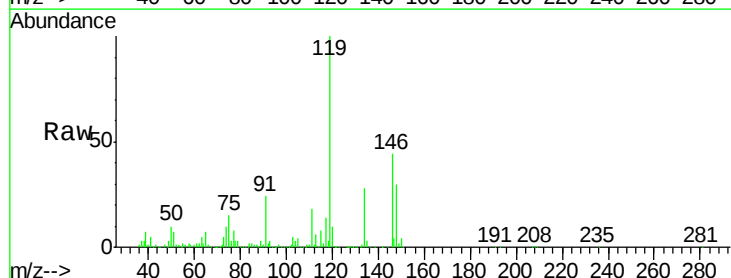
Tgt Ion:119 Resp: 361704

Ion Ratio Lower Upper

119 100

134 27.2 13.4 40.2

91 23.8 12.6 37.6





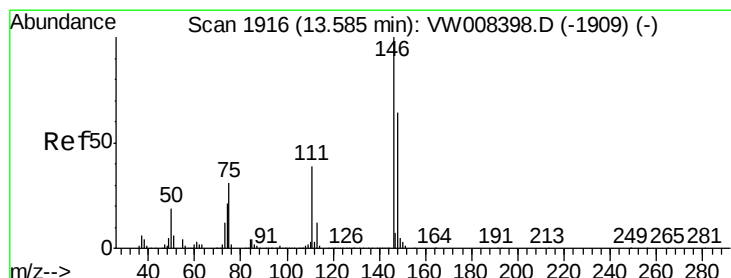
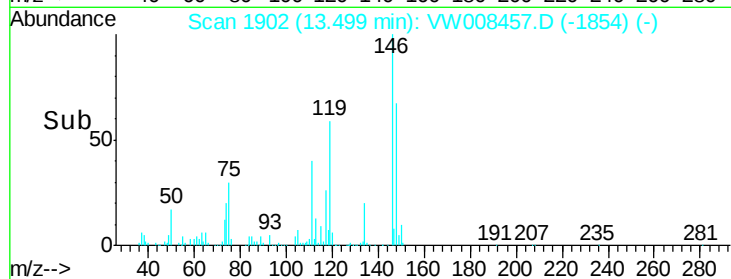
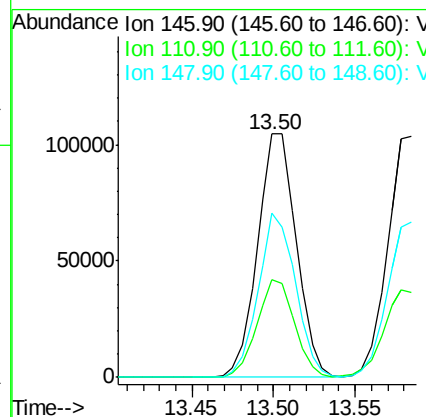
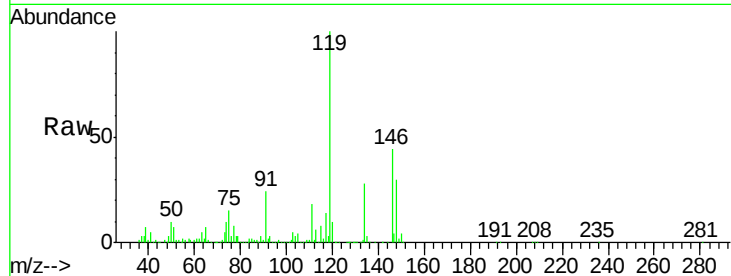
#87
 1,3-Dichlorobenzene
 Concen: 19.192 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008457.D
 Acq: 30 Jan 2019 11:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0130SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	20.3	60.9
148	64.7	31.9	95.7

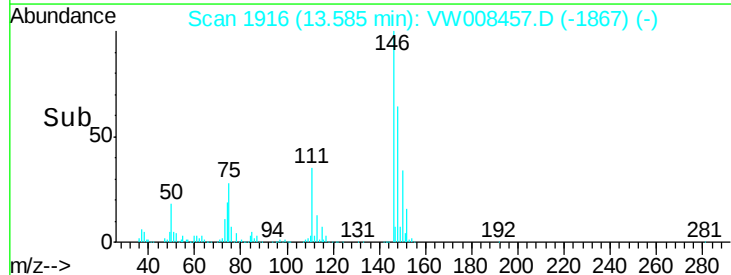
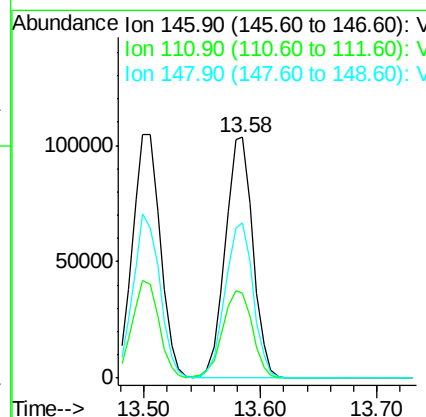
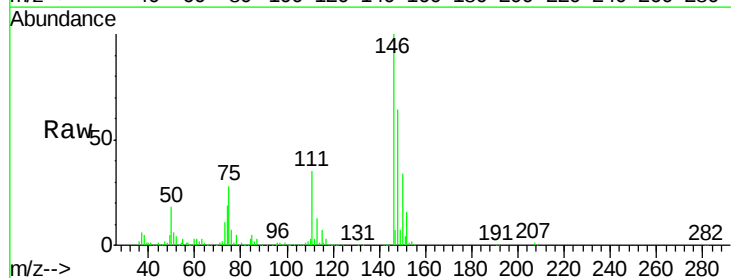
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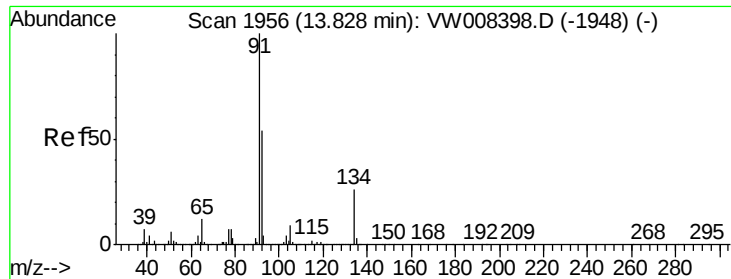
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 2/1/2019 10:47:04 AM



#88
 1,4-Dichlorobenzene
 Concen: 18.981 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW008457.D
 Acq: 30 Jan 2019 11:25

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	20.0	60.0
148	65.3	32.0	96.2





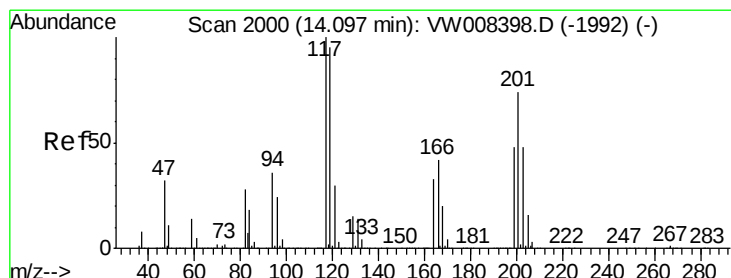
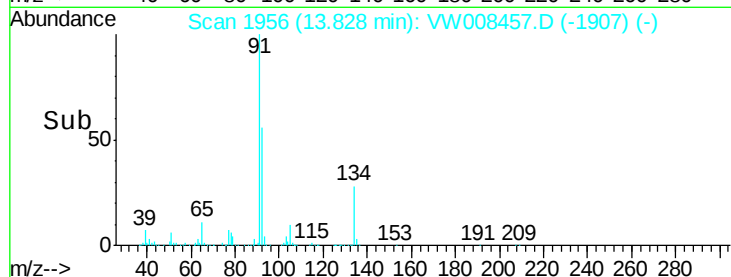
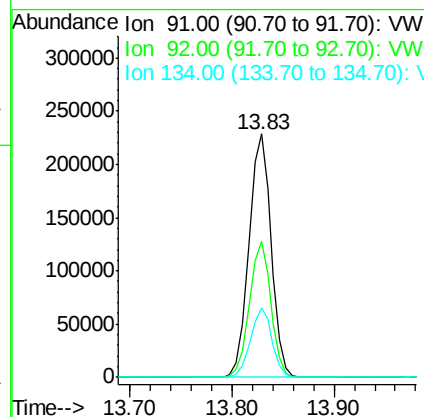
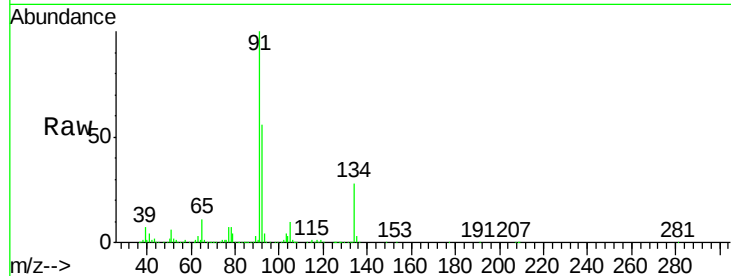
#89
n-Butylbenzene
Concen: 18.508 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW008457.D
Acq: 30 Jan 2019 11:25

Instrument :
MSVOA_W
ClientSampleId :
VW0130SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.1	27.4	82.2
134	27.5	13.0	39.0

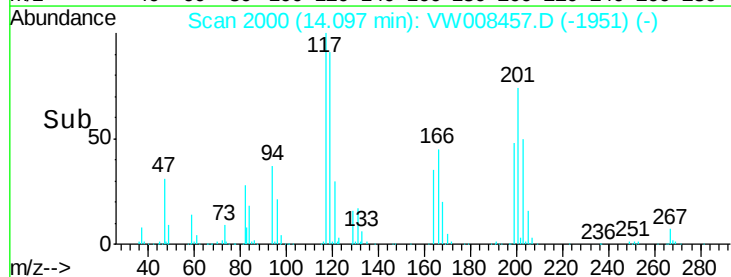
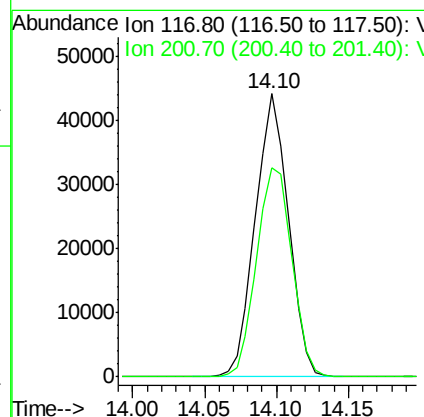
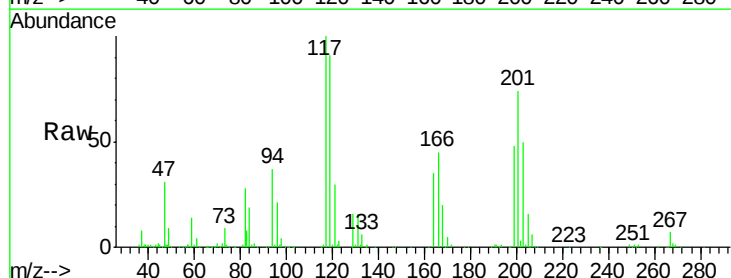
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#90
Hexachloroethane
Concen: 18.943 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW008457.D
Acq: 30 Jan 2019 11:25

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.1	39.1	117.5





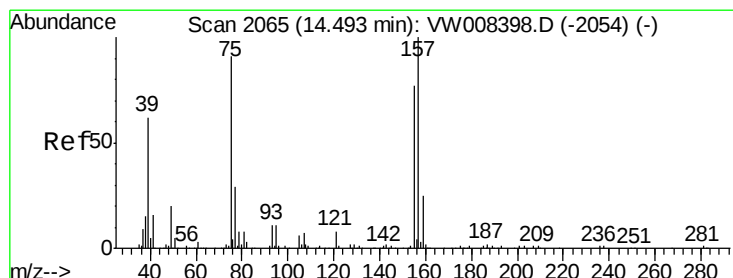
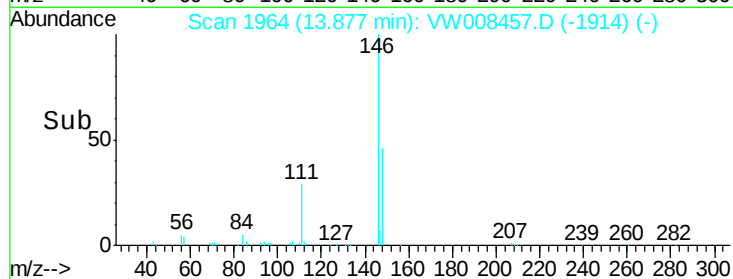
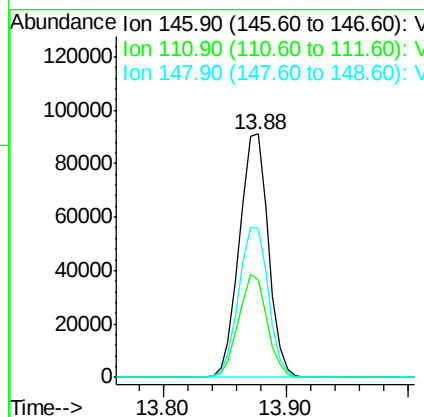
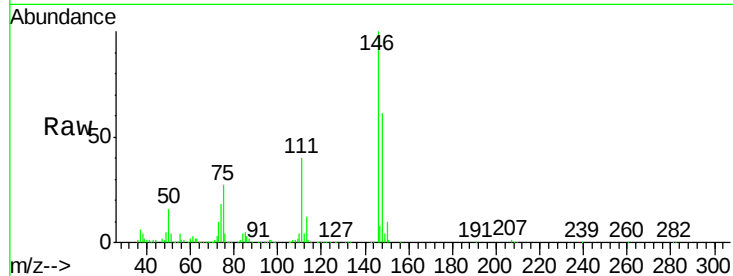
#91
 1,2-Dichlorobenzene
 Concen: 18.818 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.01 min
 Lab File: VW008457.D
 Acq: 30 Jan 2019 11:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0130SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	21.1	63.3
148	62.9	31.9	95.5

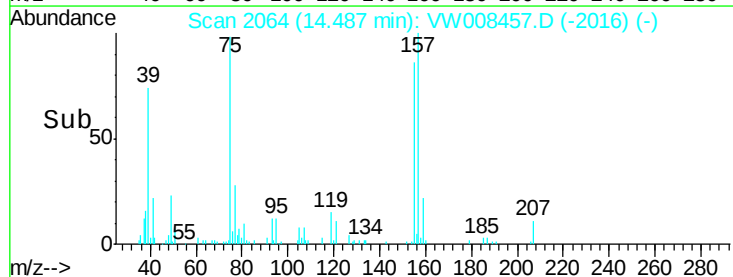
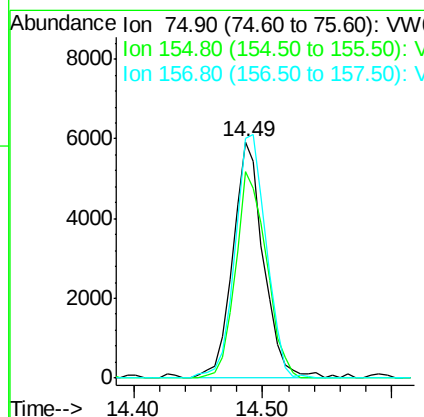
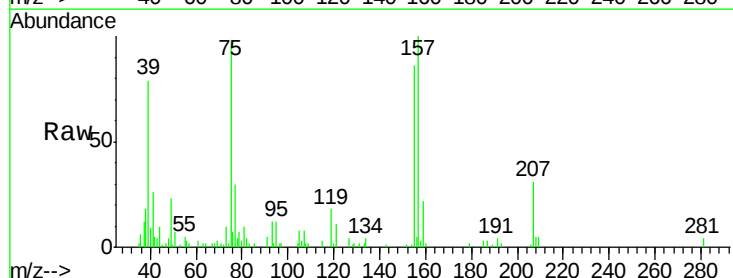
Manual Integrations
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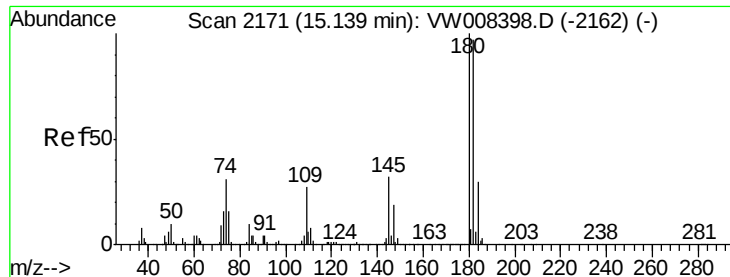
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.084 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: VW008457.D
 Acq: 30 Jan 2019 11:25

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.4	42.7	128.1
157	104.1	55.5	166.3





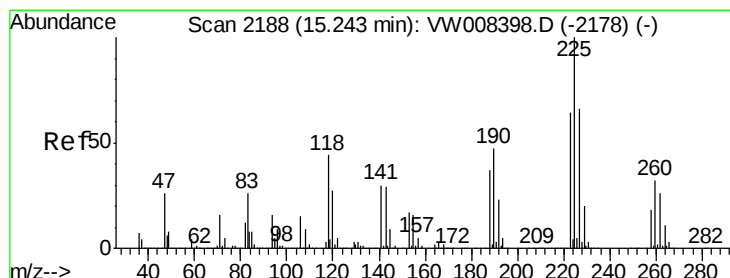
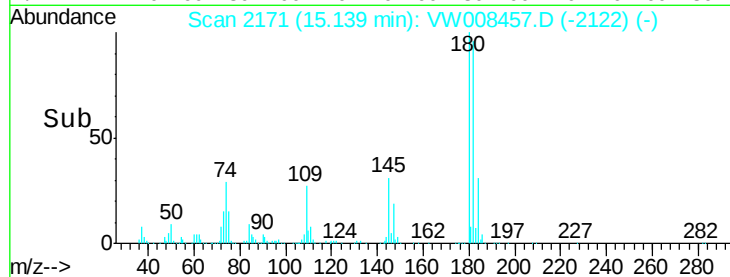
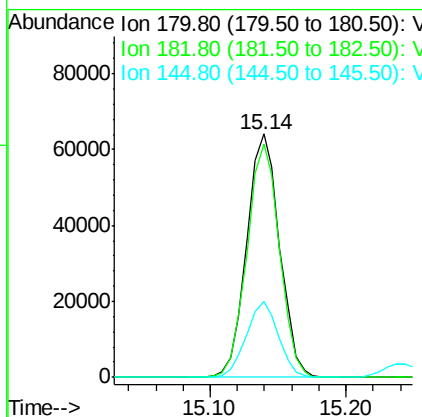
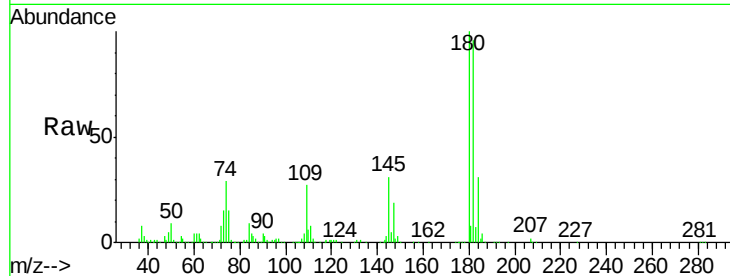
#93
 1,2,4-Trichlorobenzene
 Concen: 19.141 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW008457.D
 Acq: 30 Jan 2019 11:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0130SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.5	47.9	143.7	
145	30.4	15.5	46.5	

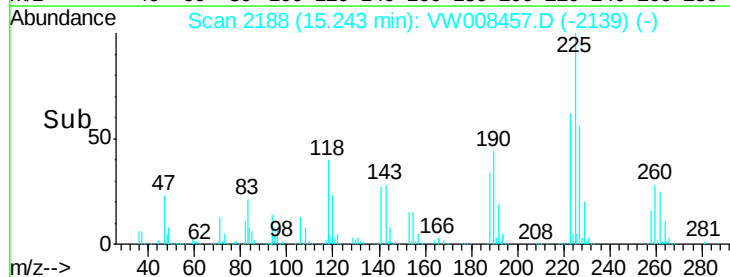
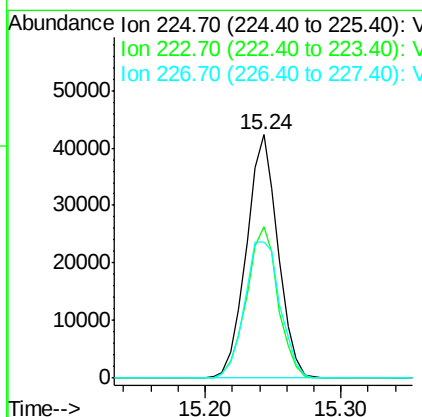
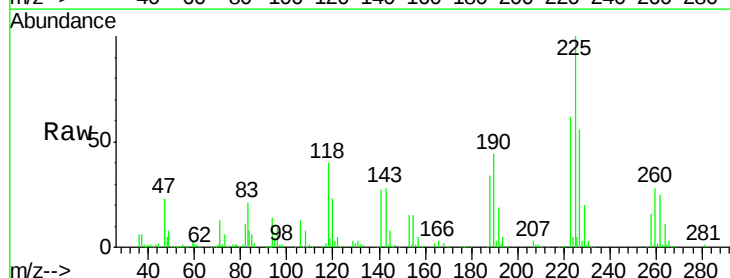
Manual Integrations
 APPROVED

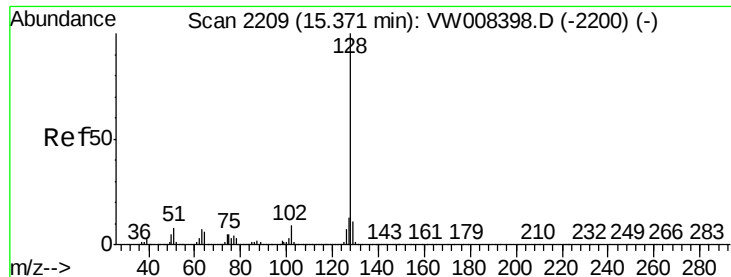
MMDadoda
 2/1/2019 10:47:04 AM



#94
 Hexachlorobutadiene
 Concen: 20.039 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW008457.D
 Acq: 30 Jan 2019 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.1	31.7	95.1	
227	63.4	32.1	96.3	





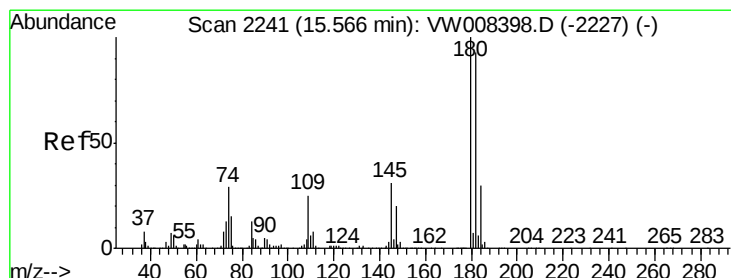
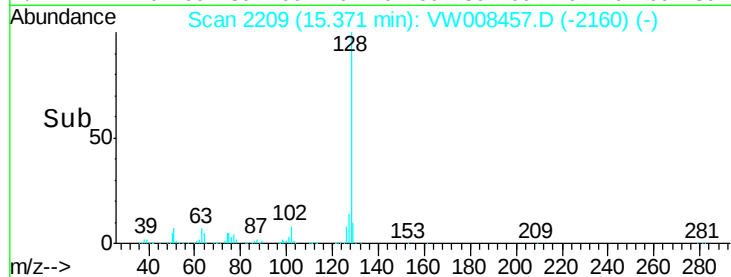
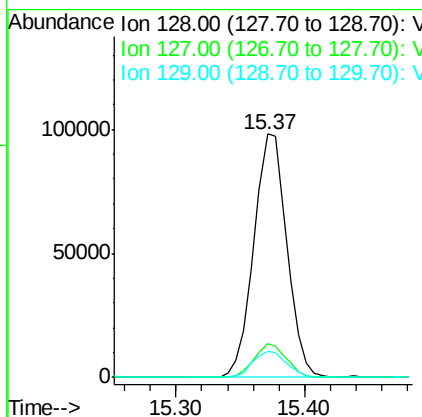
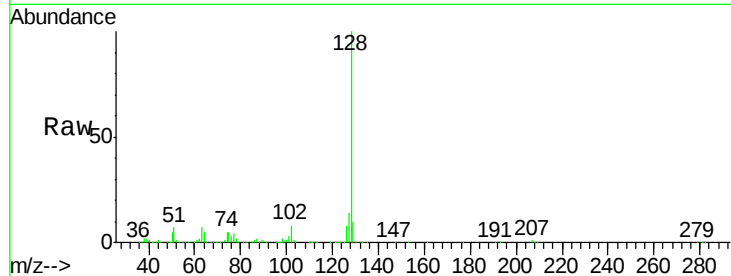
#95
Naphthalene
Concen: 17.433 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW008457.D
Acq: 30 Jan 2019 11:25

Instrument :
MSVOA_W
ClientSampleId :
VW0130SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.6	15.8
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
2/1/2019 10:47:04 AM



#96
1,2,3-Trichlorobenzene
Concen: 18.687 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.01 min
Lab File: VW008457.D
Acq: 30 Jan 2019 11:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.0	141.2
145	32.2	15.9	47.6

