

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012419\
 Data File : VW008396.D
 Acq On : 24 Jan 2019 14:50
 Operator : SY/VA
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Manual Integrations
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sam
 1/25/2019 1:42:52 PM

Quant Time: Jan 25 10:53:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 25 10:41:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	588958	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	918471	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	814579	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	415745	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	58314	9.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.04%	
35) Dibromofluoromethane	7.88	113	54760	9.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.68%	
50) Toluene-d8	10.32	98	219297	9.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.04%	
62) 4-Bromofluorobenzene	12.62	95	83669	10.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.26%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	23359	6.294	ug/l 88
3) Chloromethane	2.21	50	40220	7.393	ug/l 99
4) Vinyl Chloride	2.37	62	53089	7.638	ug/l 98
5) Bromomethane	2.78	94	31192	5.922	ug/l 98
6) Chloroethane	2.93	64	29912	6.575	ug/l 95
7) Trichlorofluoromethane	3.26	101	34035	6.669	ug/l 95
8) Diethyl Ether	3.68	74	25658	7.250	ug/l 95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	45894	7.724	ug/l 95
10) Methyl Iodide	4.26	142	73978	7.720	ug/l 99
11) Tert butyl alcohol	5.17	59	20484	49.658	ug/l # 90
12) 1,1-Dichloroethene	4.03	96	48061	7.953	ug/l 92
13) Acrolein	3.89	56	24460	65.393	ug/l 90
14) Allyl chloride	4.67	41	89438	8.853	ug/l 98
15) Acrylonitrile	5.37	53	54147	39.830	ug/l 98
16) Acetone	4.12	43	58636	41.212	ug/l 96
17) Carbon Disulfide	4.37	76	149591	8.135	ug/l 98
18) Methyl Acetate	4.67	43	33204	8.736	ug/l 100
19) Methyl tert-butyl Ether	5.43	73	80859	8.741	ug/l 96
20) Methylene Chloride	4.92	84	58092	7.689	ug/l 94
21) trans-1,2-Dichloroethene	5.42	96	53882	7.939	ug/l 98
22) Diisopropyl ether	6.31	45	168177	8.526	ug/l 97
23) Vinyl Acetate	6.26	43	482107	45.726	ug/l 99
24) 1,1-Dichloroethane	6.21	63	96035	7.997	ug/l 97
25) 2-Butanone	7.17	43	78587	43.125	ug/l 98
26) 2,2-Dichloropropane	7.17	77	67335	8.786	ug/l 99
27) cis-1,2-Dichloroethene	7.17	96	57291	7.791	ug/l 98
28) Bromochloromethane	7.51	49	48829	9.869	ug/l 96
29) Tetrahydrofuran	7.53	42	49736	43.779	ug/l 99
30) Chloroform	7.68	83	94706	7.970	ug/l 100
31) Cyclohexane	7.95	56	106590	9.315	ug/l # 91
32) 1,1,1-Trichloroethane	7.87	97	82242	8.247	ug/l 100
36) 1,1-Dichloropropene	8.08	75	75903	8.214	ug/l 96
37) Ethyl Acetate	7.26	43	31402	8.241	ug/l # 96
38) Carbon Tetrachloride	8.07	117	77688	8.514	ug/l 96

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

39) Methylcyclohexane	9.34	83	101025	9.191	ug/l	99
40) Benzene	8.32	78	211842	8.093	ug/l	98
41) Methacrylonitrile	7.48	41	18977	8.555	ug/l #	84
42) 1,2-Dichloroethane	8.40	62	61107	8.349	ug/l	99
43) Isopropyl Acetate	8.43	43	67932	9.438	ug/l	97
44) Trichloroethene	9.09	130	58121	8.105	ug/l	93
45) 1,2-Dichloropropane	9.37	63	53550	8.236	ug/l	97
46) Dibromomethane	9.46	93	26850	7.923	ug/l	98
47) Bromodichloromethane	9.65	83	73154	8.752	ug/l	99
48) Methyl methacrylate	9.44	41	35783	10.560	ug/l	95
49) 1,4-Dioxane	9.45	88	9166	168.021	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	168701	46.286	ug/l	100
52) Toluene	10.39	92	138251	8.346	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	75878	9.095	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	87141	8.860	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	37088	7.891	ug/l	98
56) Ethyl methacrylate	10.65	69	51380	9.308	ug/l	99
57) 1,3-Dichloropropane	10.93	76	67381	8.256	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	130854	49.145	ug/l	98
59) 2-Hexanone	10.97	43	119871	46.940	ug/l	99
60) Dibromochloromethane	11.13	129	48420	8.632	ug/l	99
61) 1,2-Dibromoethane	11.23	107	37299	8.195	ug/l	99
64) Tetrachloroethene	10.86	164	50020	8.757	ug/l	97
65) Chlorobenzene	11.66	112	148588	8.363	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	52863	8.645	ug/l	99
67) Ethyl Benzene	11.73	91	272083	8.819	ug/l	100
68) m/p-Xylenes	11.84	106	209902	17.529	ug/l	99
69) o-Xylene	12.17	106	99784	8.919	ug/l	98
70) Styrene	12.18	104	161611	8.993	ug/l	98
71) Bromoform	12.35	173	28804	9.455	ug/l #	99
73) Isopropylbenzene	12.47	105	274883	9.074	ug/l	99
74) N-amyl acetate	12.27	43	68453	10.545	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	43861	8.513	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	31660m	8.362	ug/l	
77) Bromobenzene	12.75	156	60073	8.256	ug/l	97
78) n-propylbenzene	12.80	91	330395	9.011	ug/l	98
79) 2-Chlorotoluene	12.90	91	184365	8.801	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	227459	8.998	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	15958	10.059	ug/l	100
82) 4-Chlorotoluene	12.99	91	195015	8.908	ug/l	100
83) tert-Butylbenzene	13.21	119	203658	9.154	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	232034	9.011	ug/l	99
85) sec-Butylbenzene	13.39	105	295058	9.237	ug/l	100
86) p-Isopropyltoluene	13.51	119	256554	9.195	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	122209	8.453	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	121038	8.357	ug/l	98
89) n-Butylbenzene	13.83	91	249197	9.311	ug/l	100
90) Hexachloroethane	14.10	117	50604	9.801	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	107069	8.388	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8152	9.676	ug/l	97

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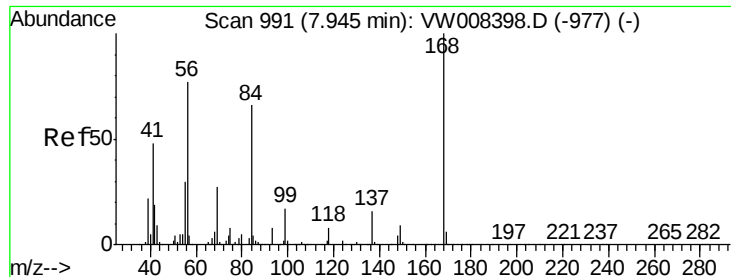
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	76959	8.907	ug/l	98
94) Hexachlorobutadiene	15.24	225	47716	9.799	ug/l	97
95) Naphthalene	15.38	128	128121	8.874	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	63175	8.394	ug/l	97

(#) = 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: VW008396.D

Acq: 24 Jan 2019 14:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion:168 Resp: 588958

Ion Ratio Lower Upper

168 100

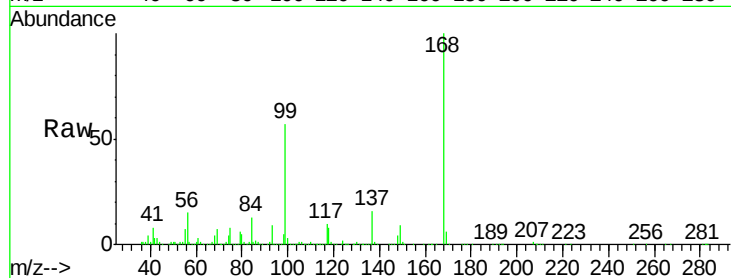
99 56.6 45.5 68.3

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

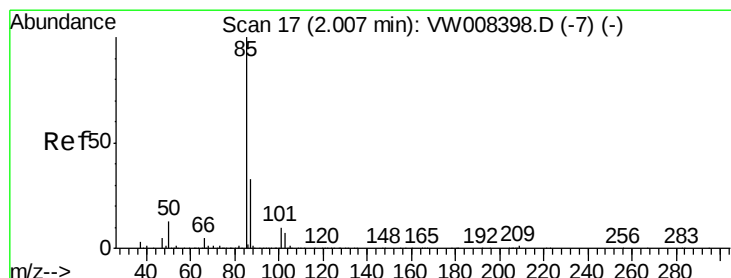
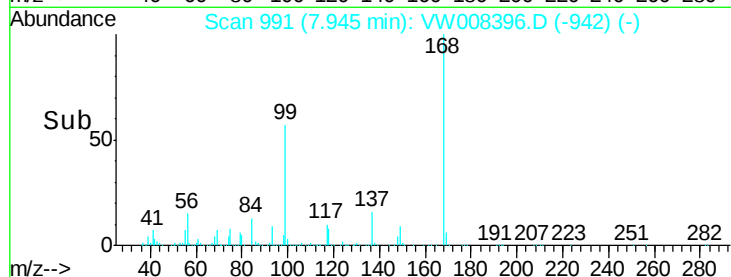
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#2

Dichlorodifluoromethane

Concen: 6.294 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.01 min

Lab File: VW008396.D

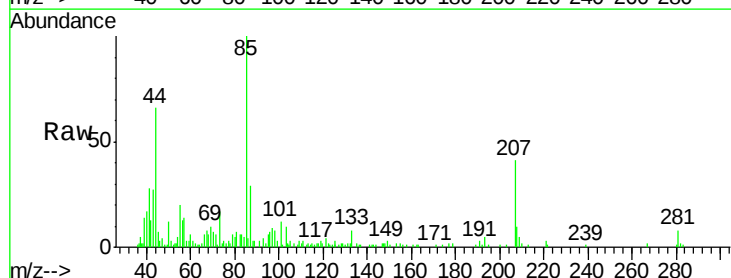
Acq: 24 Jan 2019 14:50

Tgt Ion: 85 Resp: 23359

Ion Ratio Lower Upper

85 100

87 26.5 16.7 50.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

8000

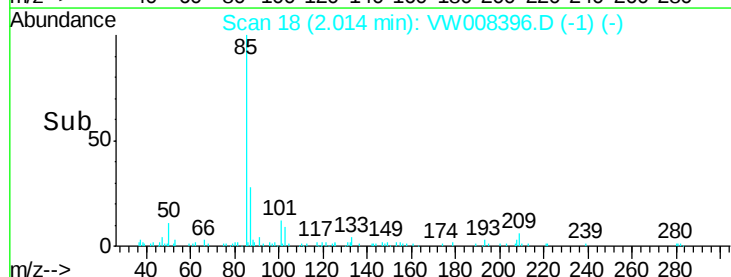
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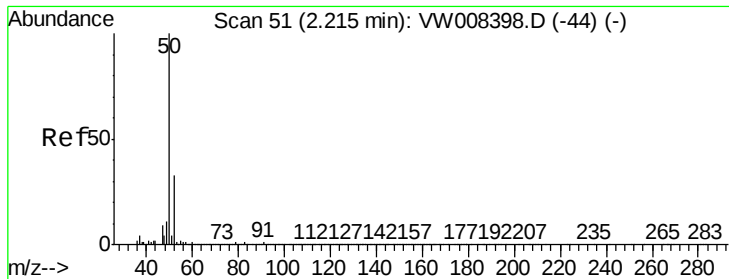
4000

2000

0

Time--> 1.90 2.00 2.10





#3

Chloromethane

Concen: 7.393 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW008396.D

Acq: 24 Jan 2019 14:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 50 Resp: 40220

Ion Ratio Lower Upper

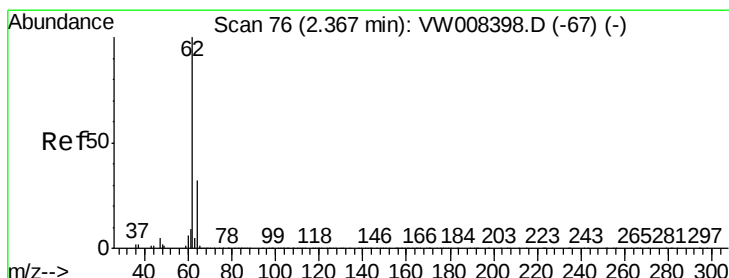
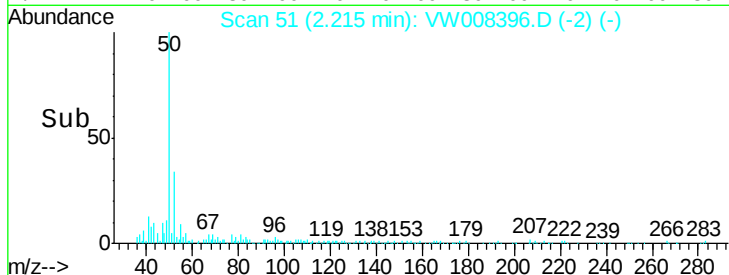
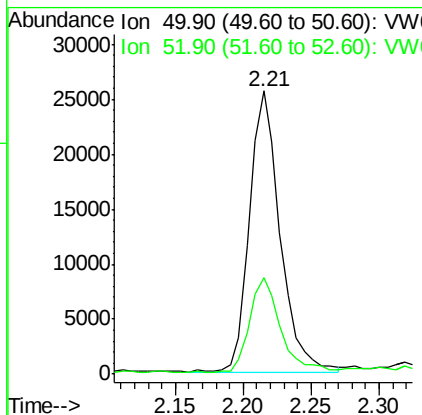
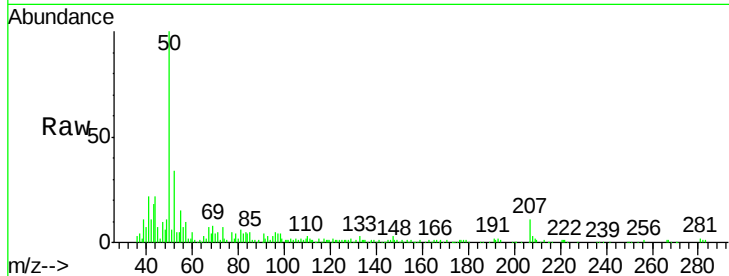
50 100

52 33.6 26.3 39.5

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#4

Vinyl Chloride

Concen: 7.638 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW008396.D

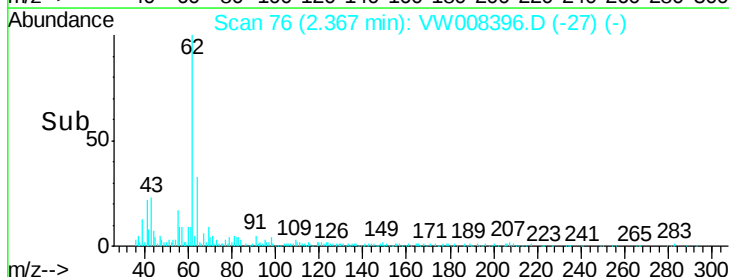
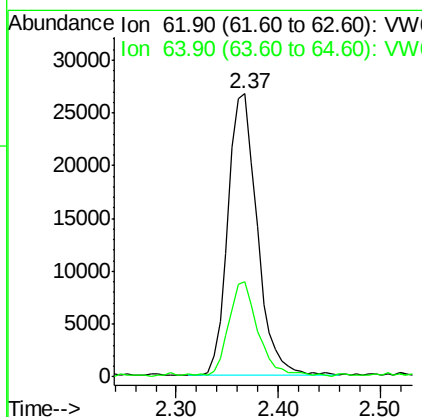
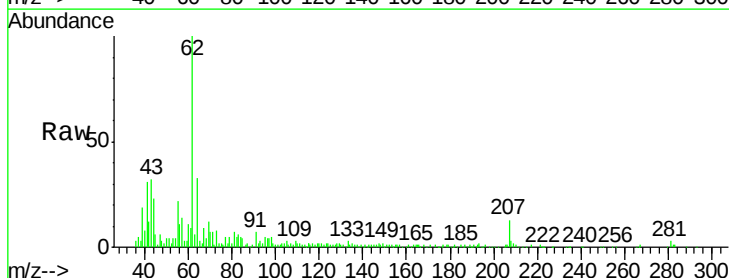
Acq: 24 Jan 2019 14:50

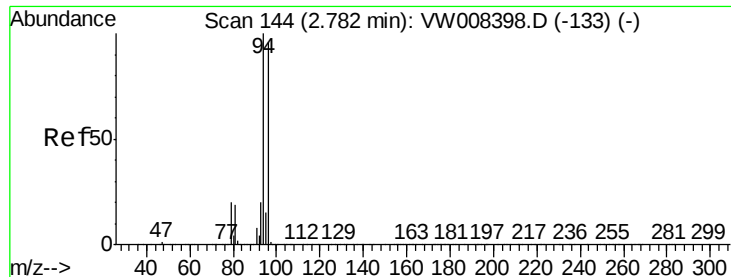
Tgt Ion: 62 Resp: 53089

Ion Ratio Lower Upper

62 100

64 32.8 25.5 38.3





#5

Bromomethane

Concen: 5.922 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.00 min

Lab File: VW008396.D

Acq: 24 Jan 2019 14:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 94 Resp: 31192

Ion Ratio Lower Upper

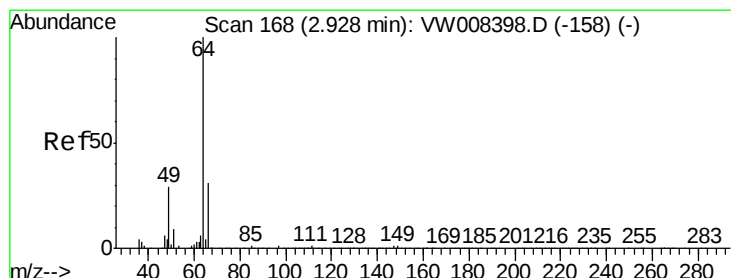
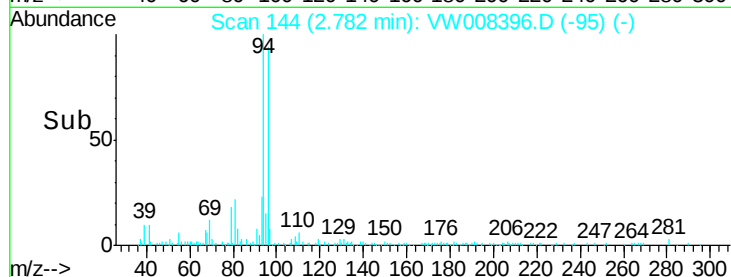
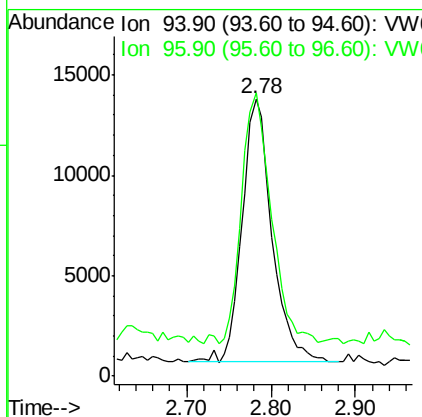
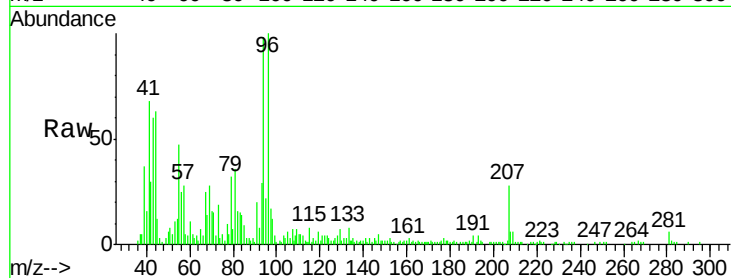
94 100

96 94.9 77.2 115.8

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#6

Chloroethane

Concen: 6.575 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW008396.D

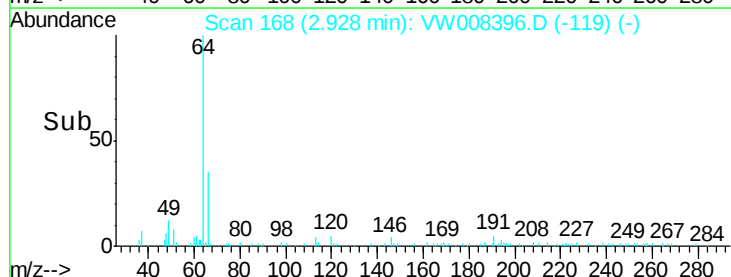
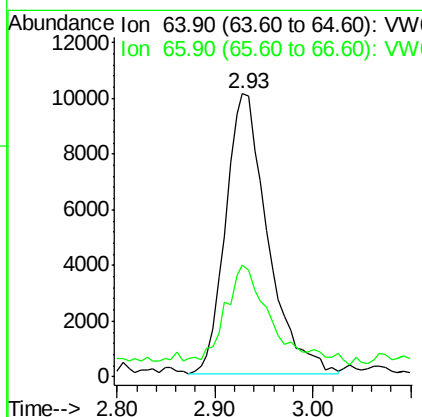
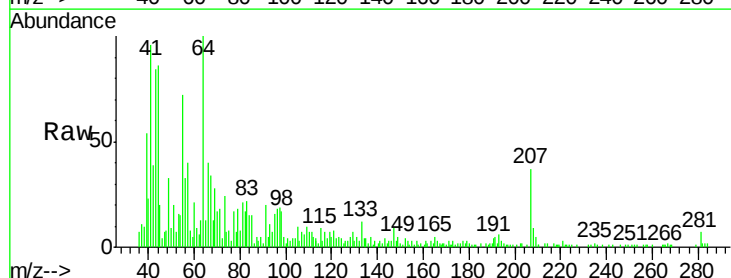
Acq: 24 Jan 2019 14:50

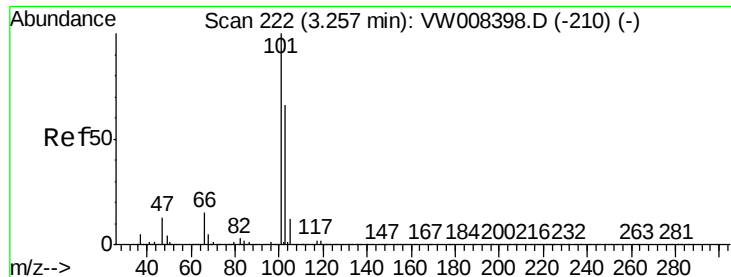
Tgt Ion: 64 Resp: 29912

Ion Ratio Lower Upper

64 100

66 33.6 24.9 37.3





#7

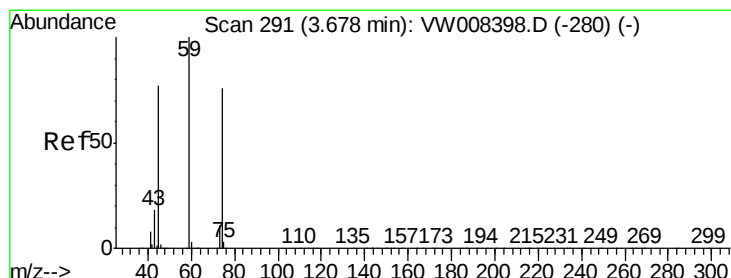
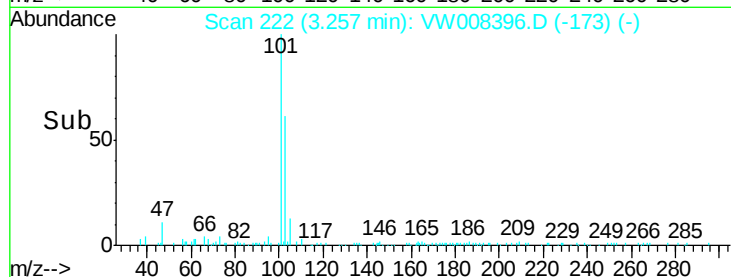
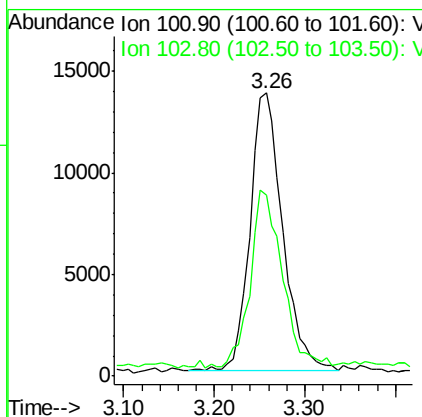
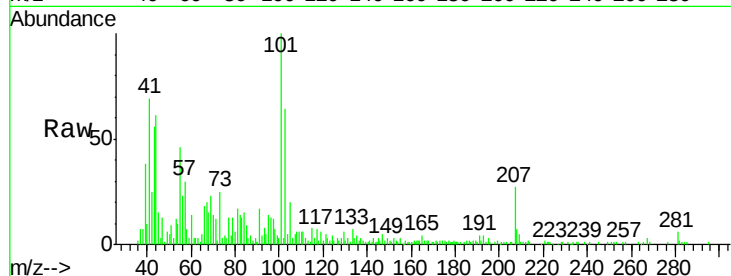
Trichlorofluoromethane
Concen: 6.669 ug/l
RT: 3.26 min Scan# 222
Delta R.T. 0.00 min
Lab File: VW008396.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	62.0	52.5	78.7

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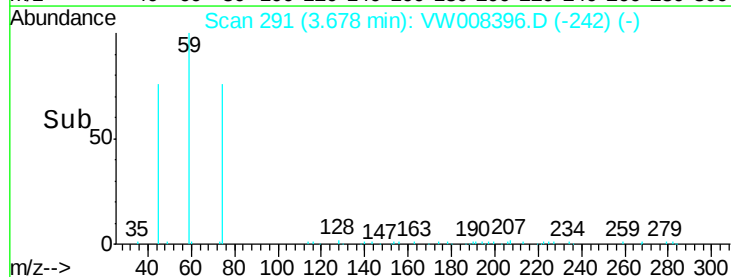
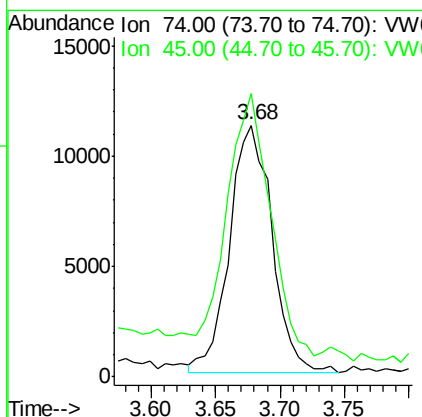
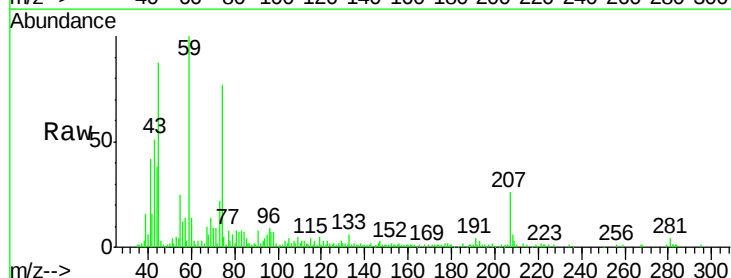
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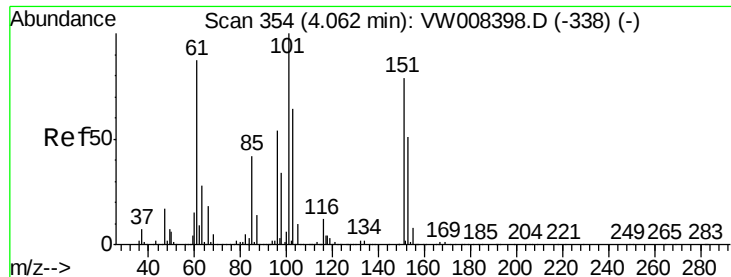


#8

Diethyl Ether
Concen: 7.250 ug/l
RT: 3.68 min Scan# 291
Delta R.T. 0.00 min
Lab File: VW008396.D
Acq: 24 Jan 2019 14:50

Tgt Ion	Ratio	Lower	Upper
74	100		
45	108.5	51.7	155.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 7.724 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW008396.D

Acq: 24 Jan 2019 14:50

Instrument :

MSVOA_W

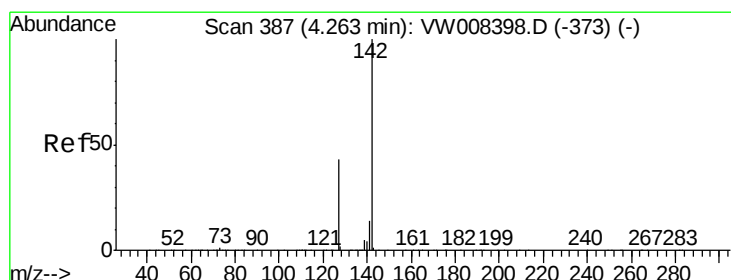
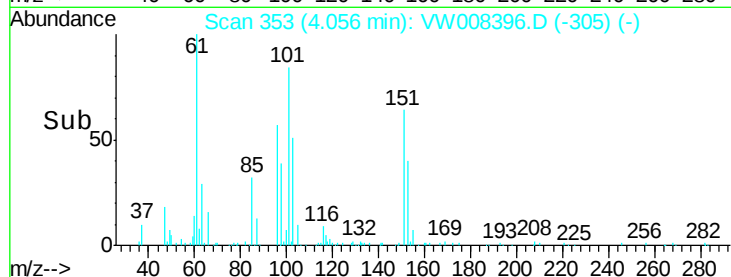
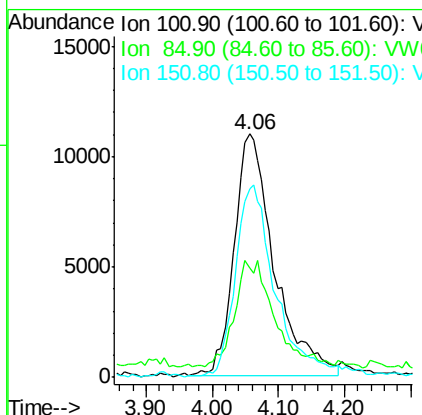
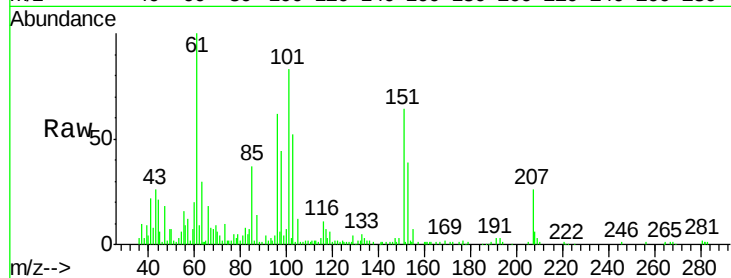
ClientSampled :

VSTDIC010

Tot Ion:	101	Resp:	45894
Ion Ratio	Lower	Upper	
101	100		
85	40.5	35.0	52.4
151	82.0	62.6	94.0

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#10

Methyl Iodide

Concen: 7.720 ug/l

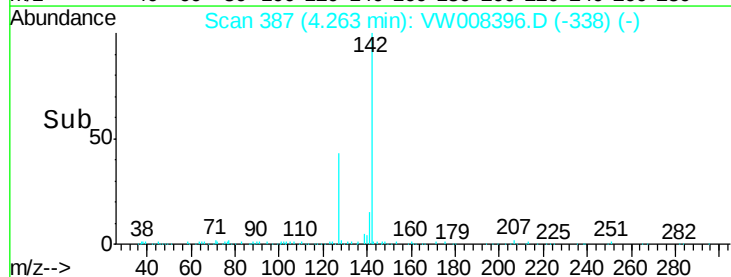
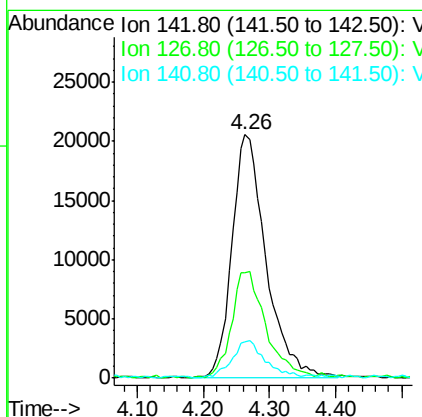
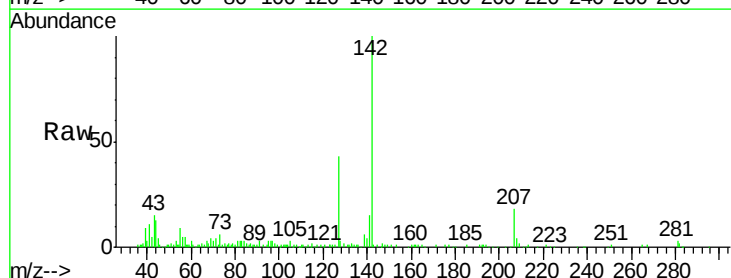
RT: 4.26 min Scan# 387

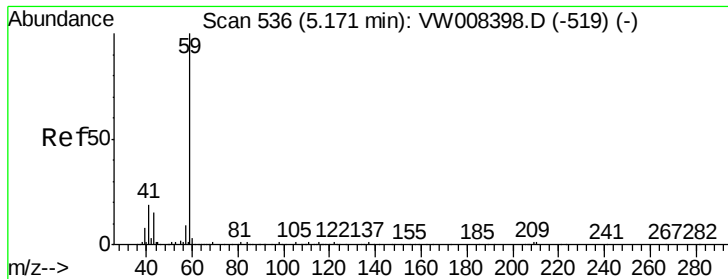
Delta R.T. 0.00 min

Lab File: VW008396.D

Acq: 24 Jan 2019 14:50

Tgt Ion:	142	Resp:	73978
Ion Ratio	Lower	Upper	
142	100		
127	44.0	34.6	52.0
141	15.1	11.4	17.2





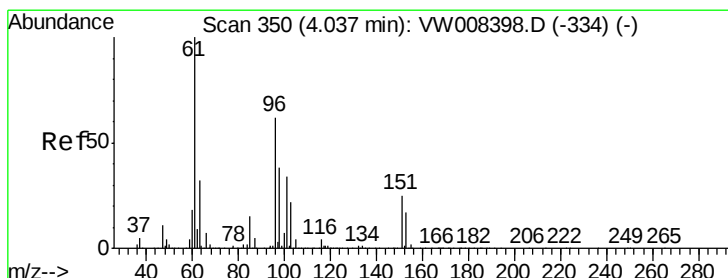
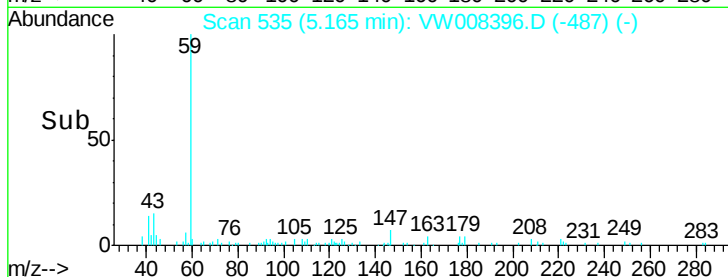
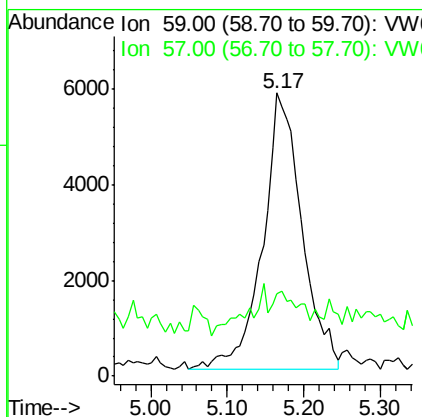
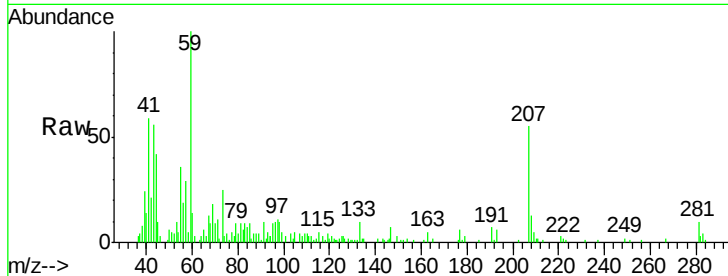
#11
Tert butyl alcohol
Concen: 49.658 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.01 min
Lab File: VW008396.D
Acq: 24 Jan 2019 14:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion: 59 Resp: 20484
Ion Ratio Lower Upper
59 100
57 7.8 9.3 13.9#

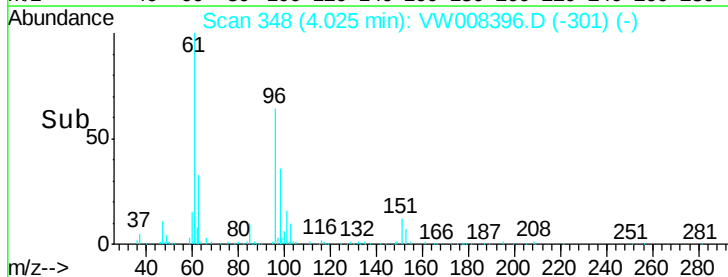
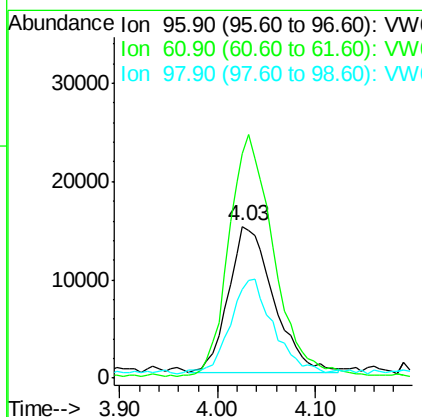
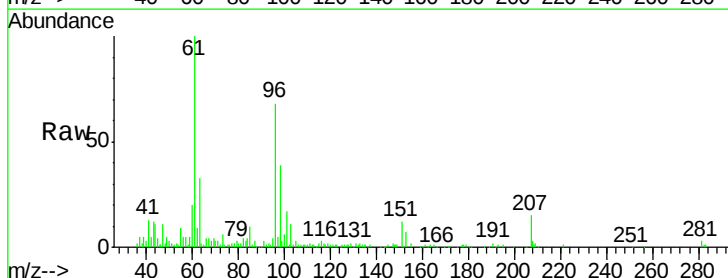
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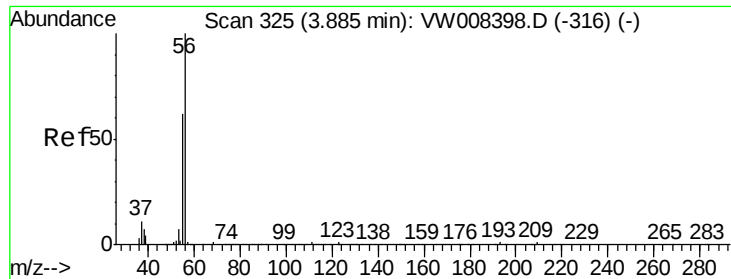
sam
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#12
1,1-Dichloroethene
Concen: 7.953 ug/l
RT: 4.03 min Scan# 348
Delta R.T. -0.01 min
Lab File: VW008396.D
Acq: 24 Jan 2019 14:50

Tgt Ion: 96 Resp: 48061
Ion Ratio Lower Upper
96 100
61 150.6 129.5 194.3
98 54.9 48.6 73.0





#13

Acrolein

Concen: 65.393 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.01 min

Lab File: VW008396.D

Acq: 24 Jan 2019 14:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 56 Resp: 24460

Ion Ratio Lower Upper

56 100

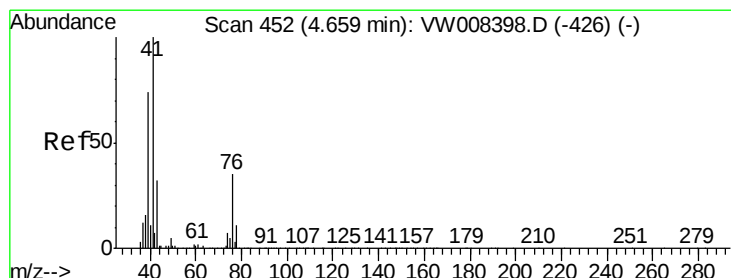
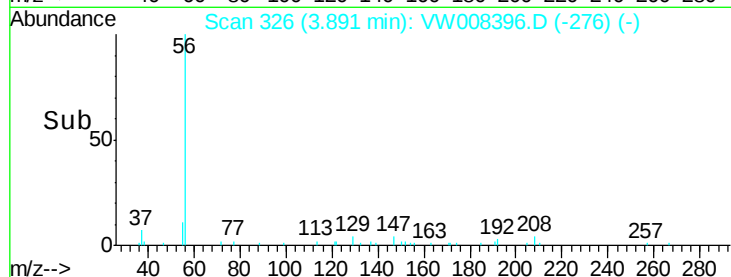
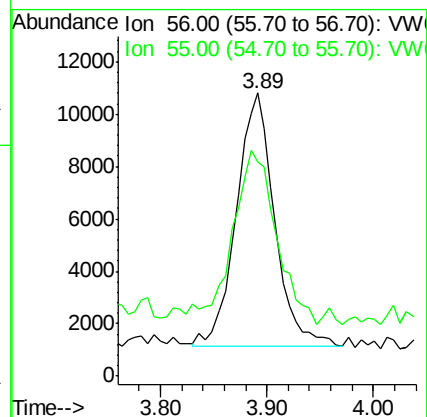
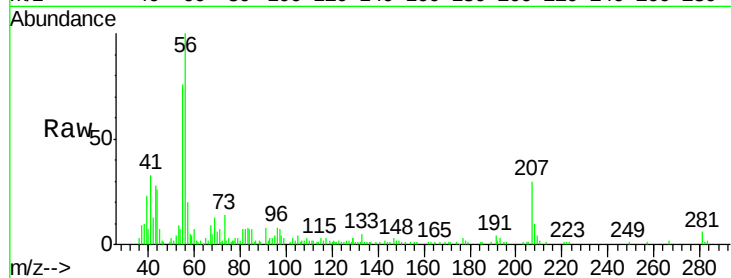
55 79.2 56.7 85.1

Manual Integrations

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#14

Allyl chloride

Concen: 8.853 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.01 min

Lab File: VW008396.D

Acq: 24 Jan 2019 14:50

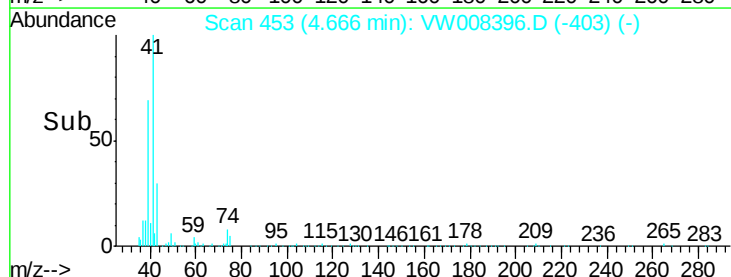
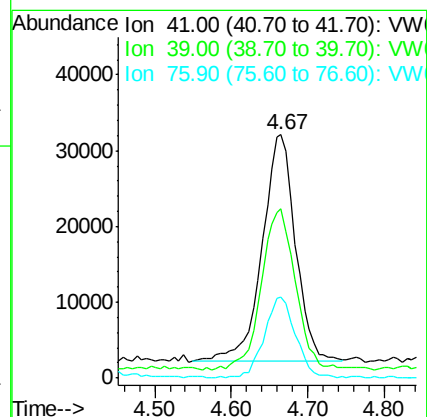
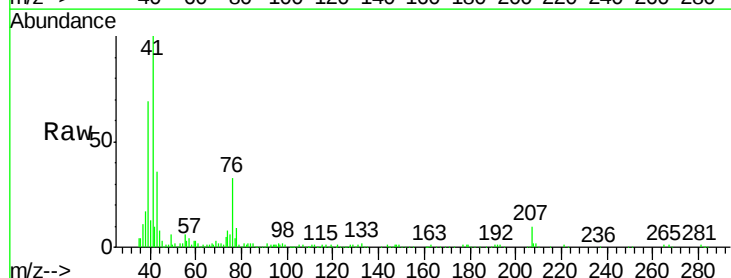
Tgt Ion: 41 Resp: 89438

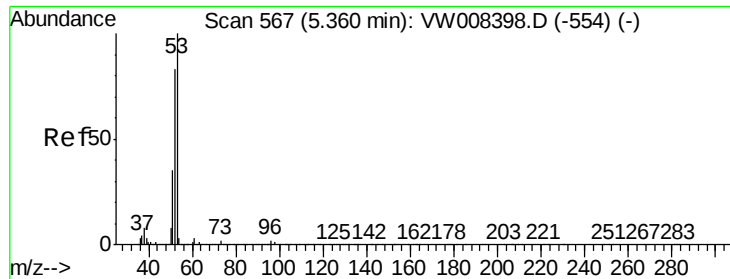
Ion Ratio Lower Upper

41 100

39 75.0 57.7 86.5

76 33.7 26.9 40.3





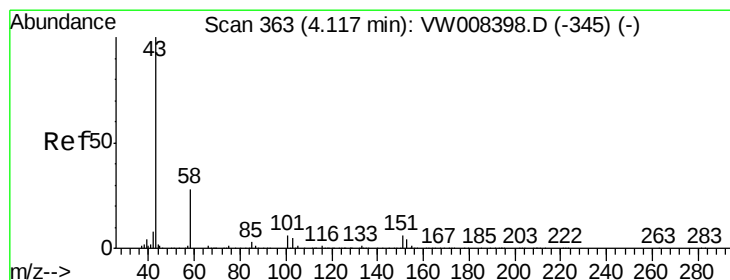
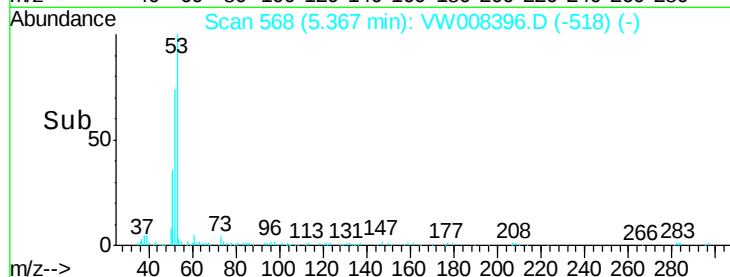
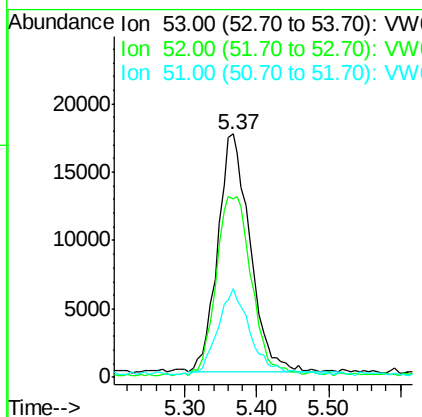
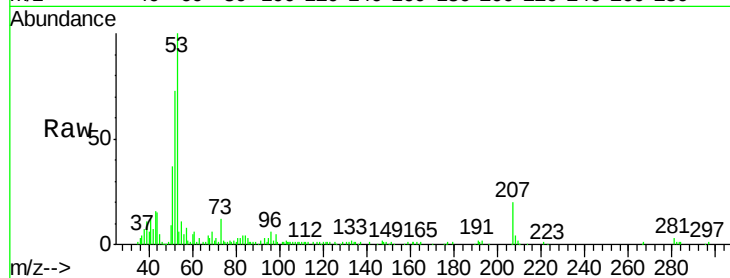
#15
 Acrylonitrile
 Concen: 39.830 ug/l
 RT: 5.37 min Scan# 568
 Delta R.T. 0.01 min
 Lab File: VW008396.D
 Acq: 24 Jan 2019 14:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion:	53	Resp:	54147
Ion	Ratio	Lower	Upper
53	100		
52	81.9	67.0	100.4
51	37.0	29.8	44.8

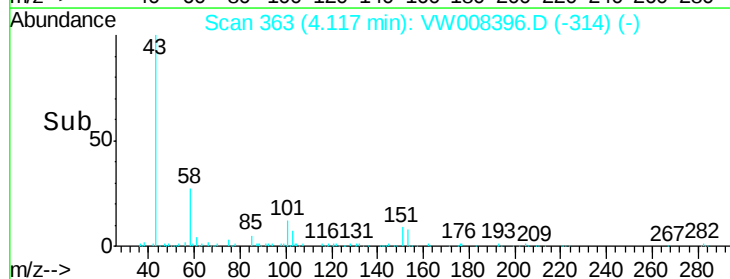
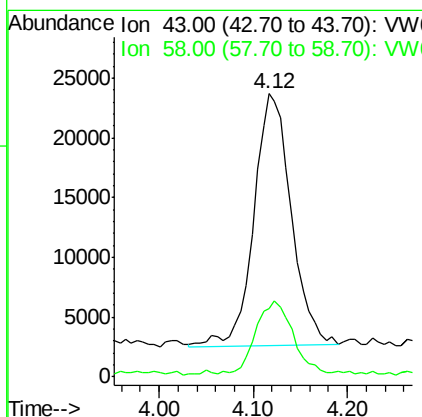
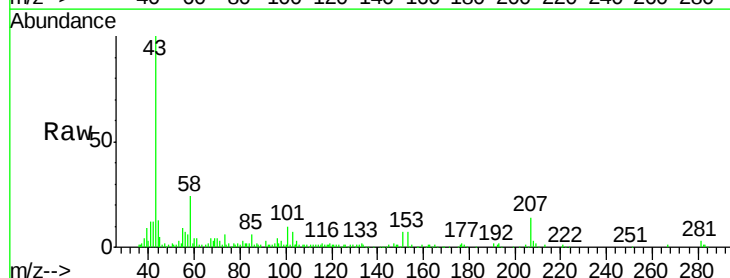
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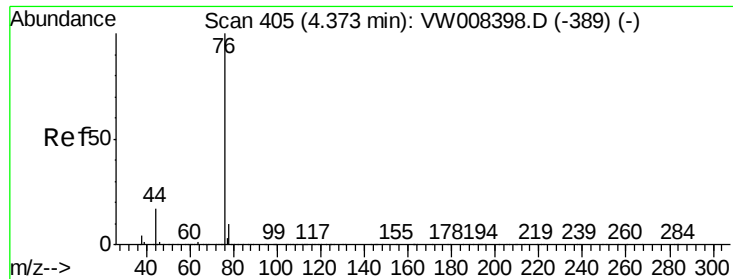
sam
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#16
 Acetone
 Concen: 41.212 ug/l
 RT: 4.12 min Scan# 363
 Delta R.T. 0.00 min
 Lab File: VW008396.D
 Acq: 24 Jan 2019 14:50

Tgt Ion:	43	Resp:	58636
Ion	Ratio	Lower	Upper
43	100		
58	26.3	22.6	34.0





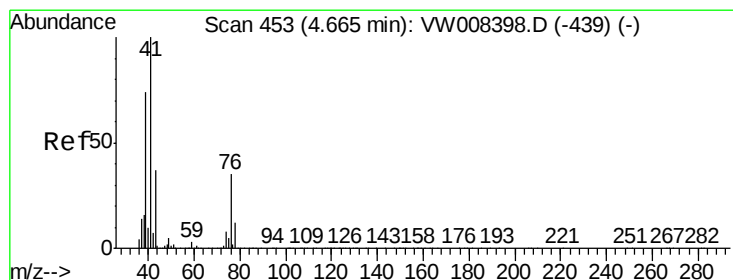
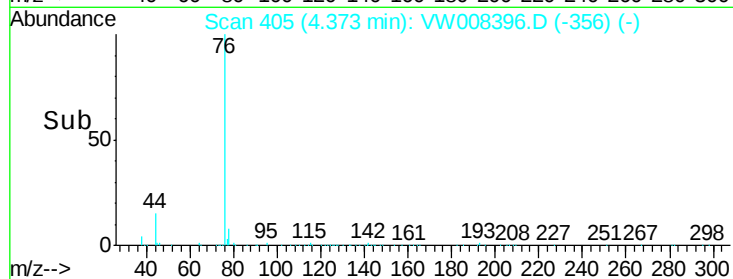
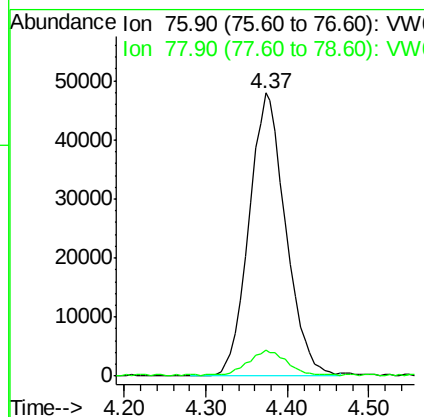
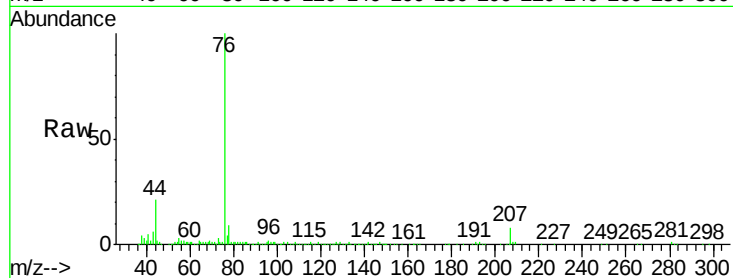
#17
Carbon Disulfide
Concen: 8.135 ug/l
RT: 4.37 min Scan# 405
Delta R.T. 0.00 min
Lab File: VW008396.D
Acq: 24 Jan 2019 14:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.7	11.5

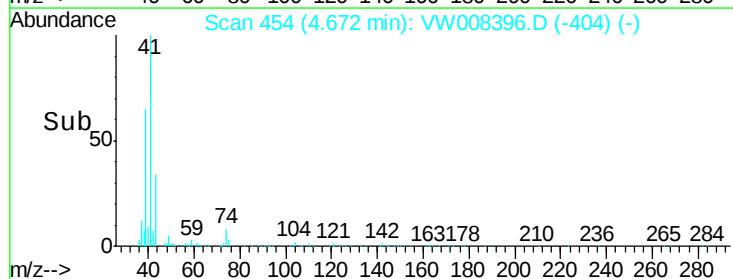
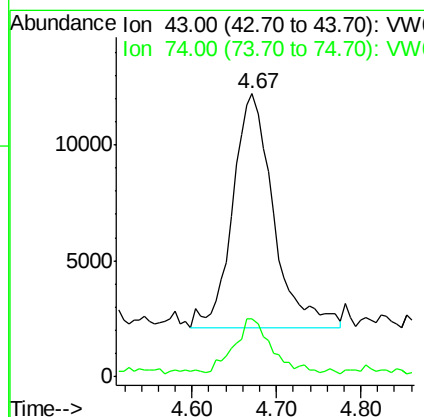
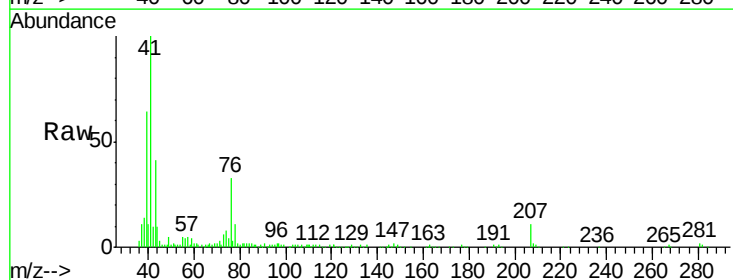
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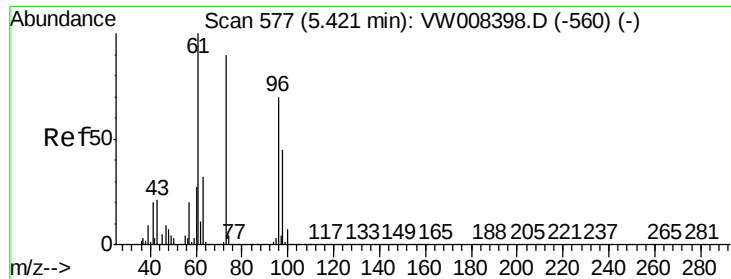
sam
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#18
Methyl Acetate
Concen: 8.736 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW008396.D
Acq: 24 Jan 2019 14:50

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.8	17.5	26.3





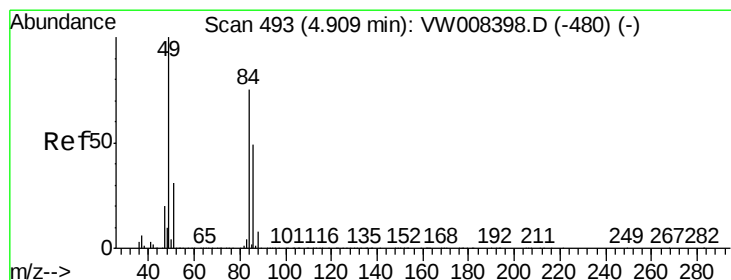
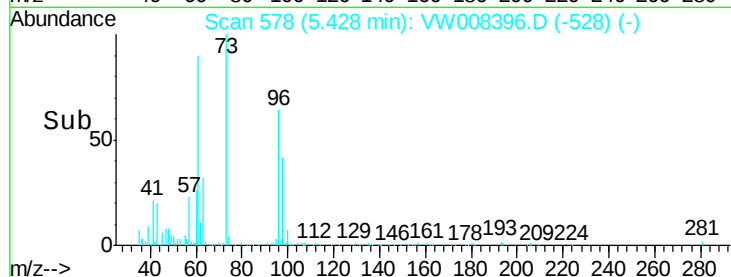
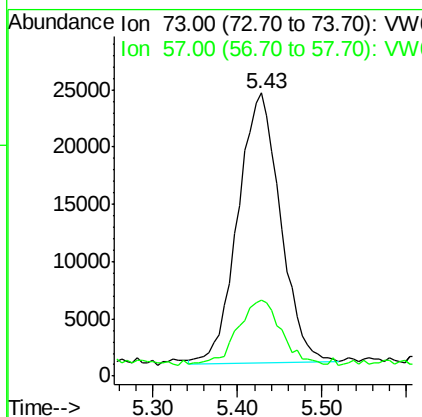
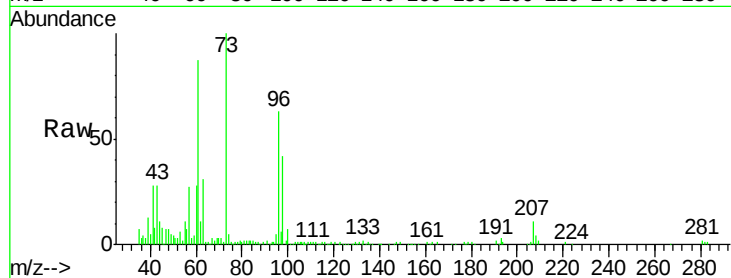
#19
Methvl tert-butvl Ether
Concen: 8.741 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.01 min
Lab File: VW008396.D
Acq: 24 Jan 2019 14:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion: 73 Resp: 80859
Ion Ratio Lower Upper
73 100
57 24.4 18.0 27.0

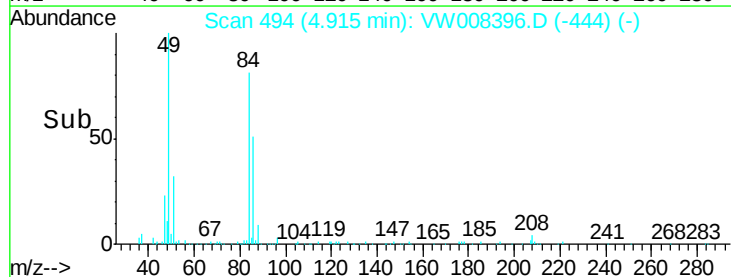
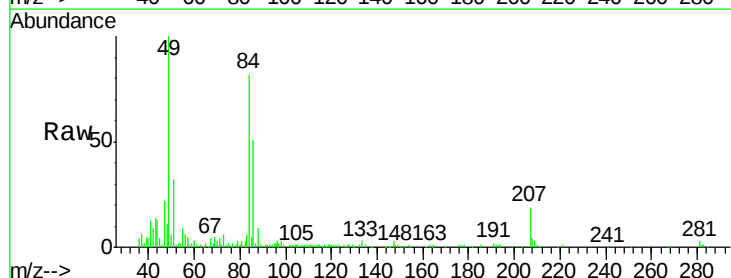
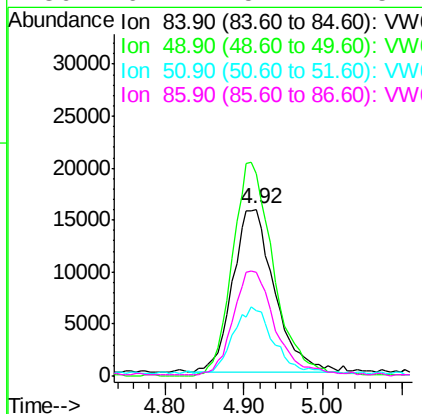
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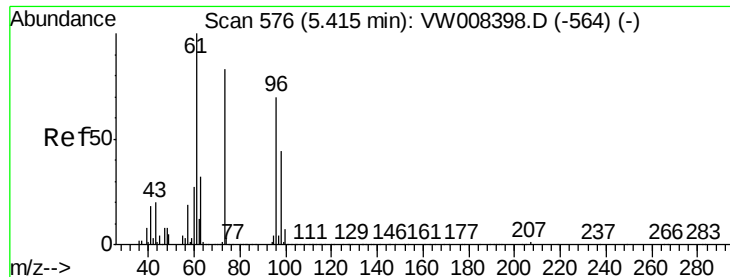
sam
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#20
Methylene Chloride
Concen: 7.689 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW008396.D
Acq: 24 Jan 2019 14:50

Tgt Ion: 84 Resp: 58092
Ion Ratio Lower Upper
84 100
49 124.1 106.8 160.2
51 37.7 32.9 49.3
86 62.2 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 7.939 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW008396.D

Acq: 24 Jan 2019 14:50

Instrument :

MSVOA_W

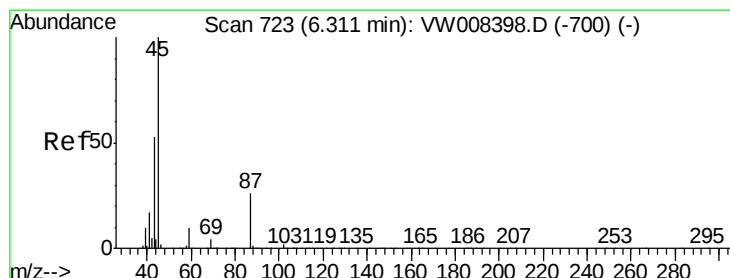
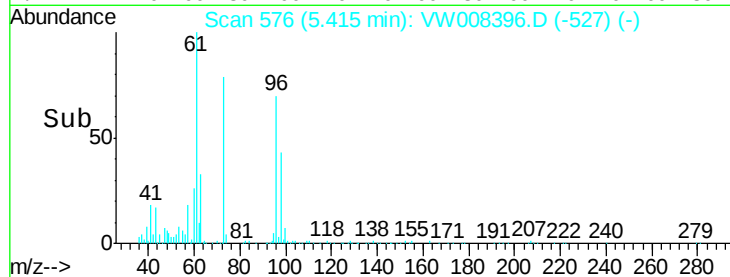
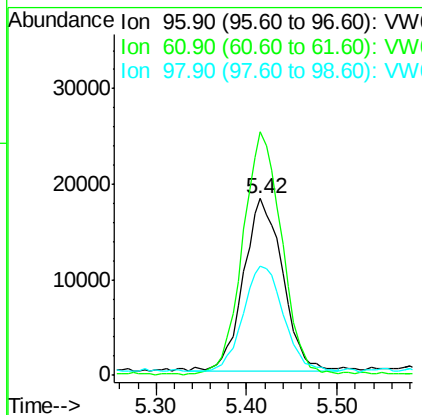
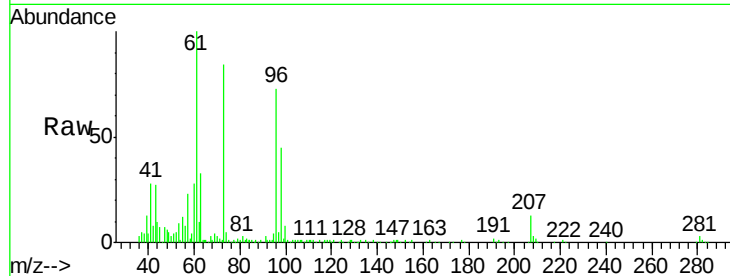
ClientSampleId :

VSTDIC010

Tot Ion:	96	Resp:	53882
Ion	Ratio	Lower	Upper
96	100		
61	140.7	114.4	171.6
98	60.9	50.6	75.8

Manual Integrations
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sam
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#22

Diisopropyl ether

Concen: 8.526 ug/l

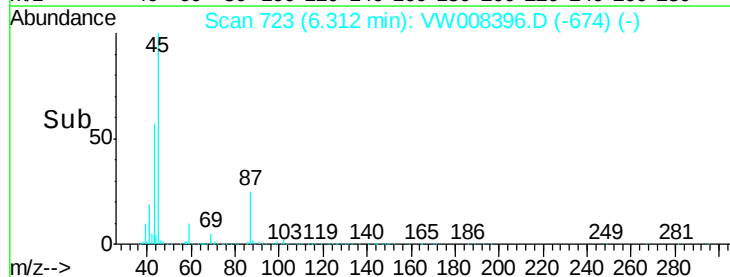
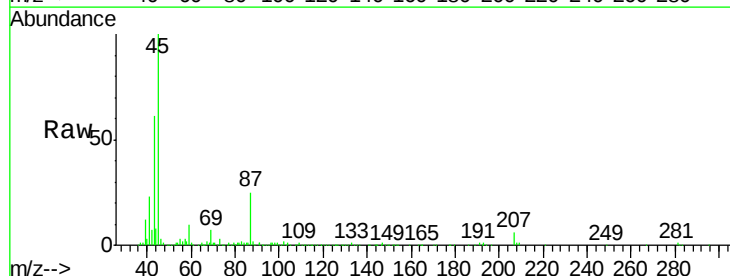
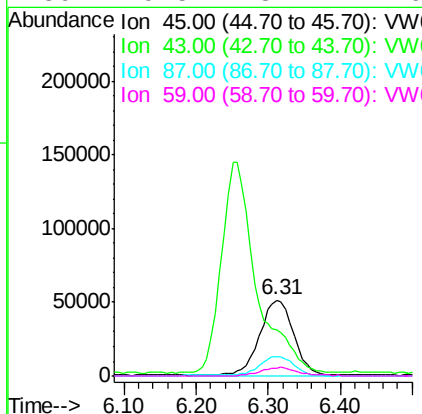
RT: 6.31 min Scan# 723

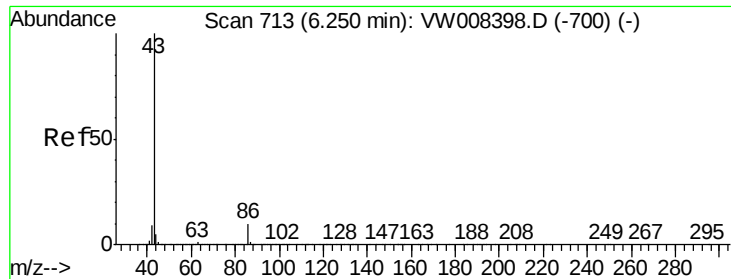
Delta R.T. 0.00 min

Lab File: VW008396.D

Acq: 24 Jan 2019 14:50

Tgt Ion:	45	Resp:	168177
Ion	Ratio	Lower	Upper
45	100		
43	56.5	42.6	63.8
87	25.0	20.3	30.5
59	9.5	8.4	12.6





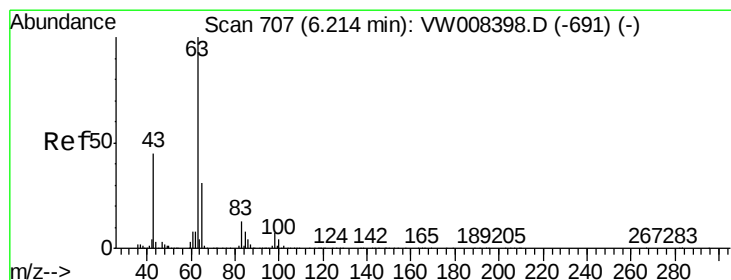
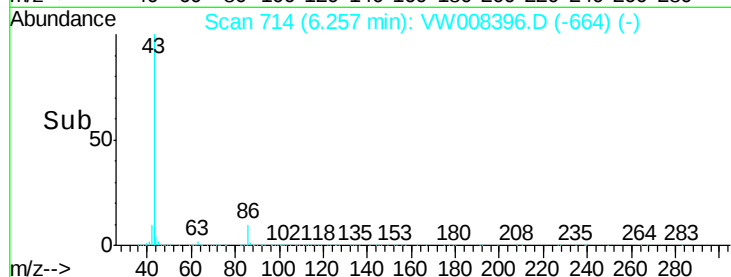
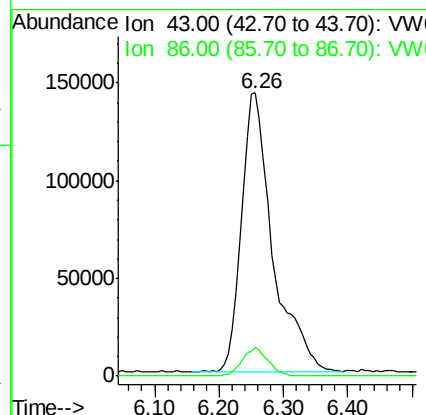
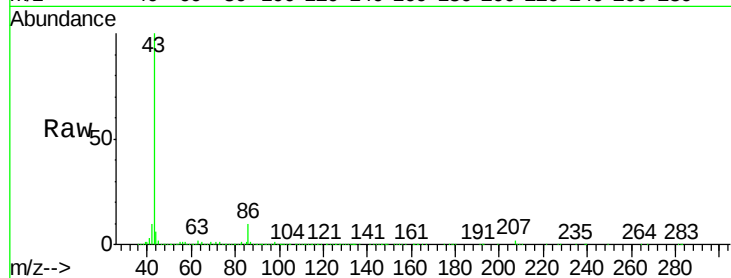
#23
 Vinyl Acetate
 Concen: 45.726 ug/l
 RT: 6.26 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VW008396.D
 Acq: 24 Jan 2019 14:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
43	100		
86	10.3	7.8	11.8

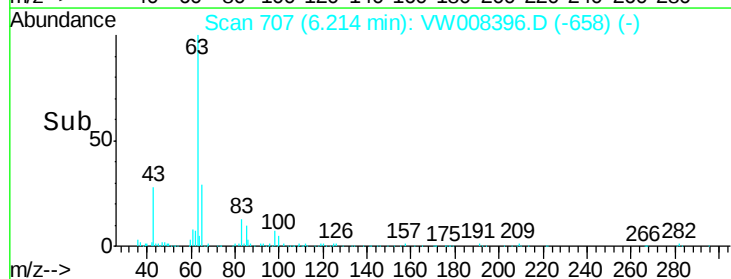
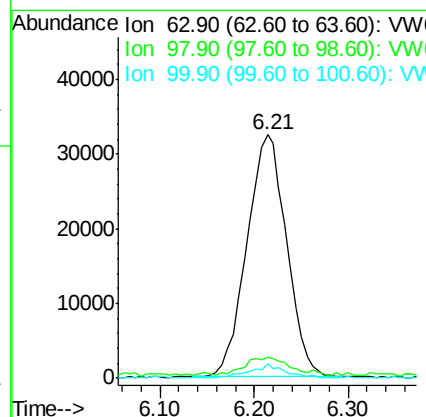
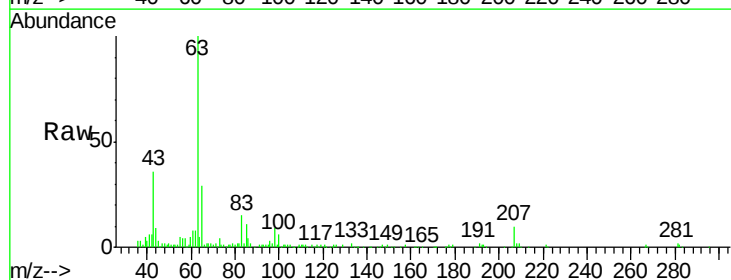
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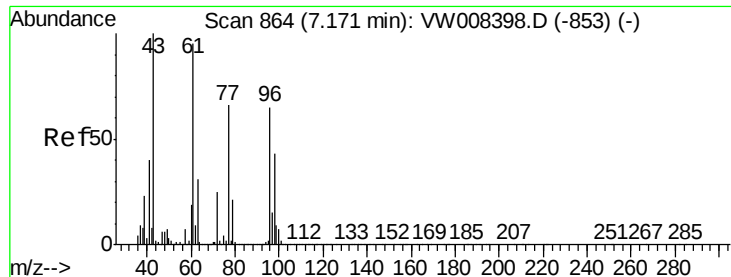
sam
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#24
 1,1-Dichloroethane
 Concen: 7.997 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: VW008396.D
 Acq: 24 Jan 2019 14:50

Tgt Ion	Ratio	Lower	Upper
63	100		
98	7.6	3.5	10.5
100	5.7	2.1	6.2





#25

2-Butanone

Concen: 43.125 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW008396.D

Acq: 24 Jan 2019 14:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 43 Resp: 78587

Ion Ratio Lower Upper

43 100

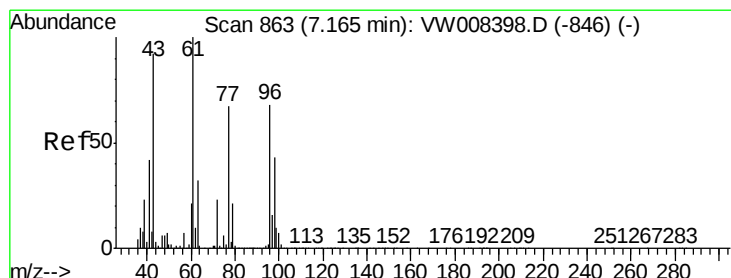
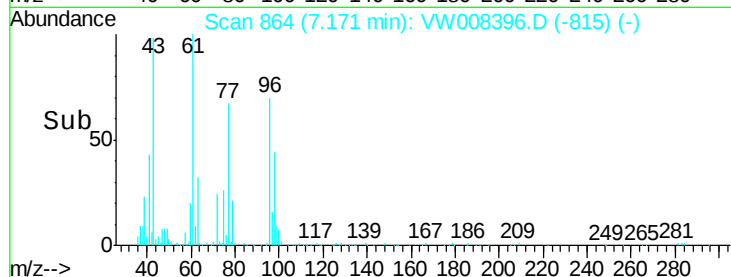
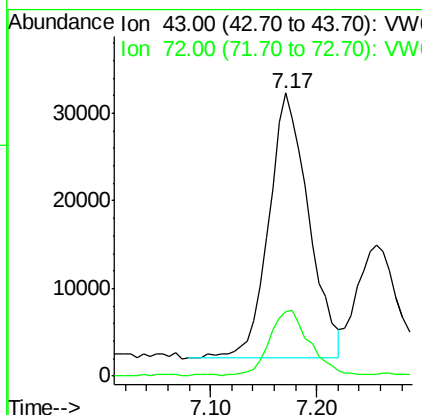
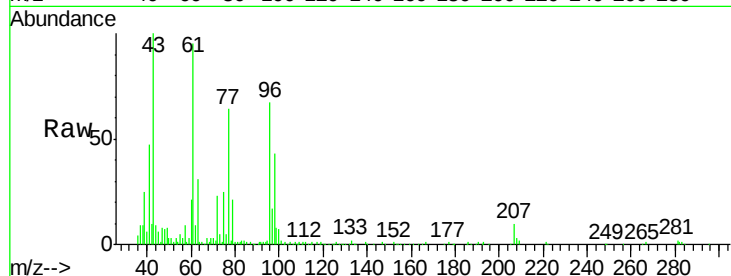
72 24.2 20.1 30.1

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 8.786 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW008396.D

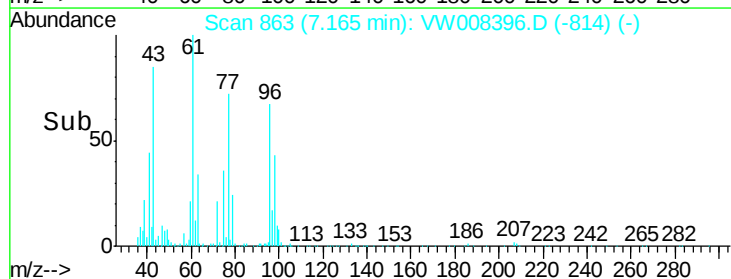
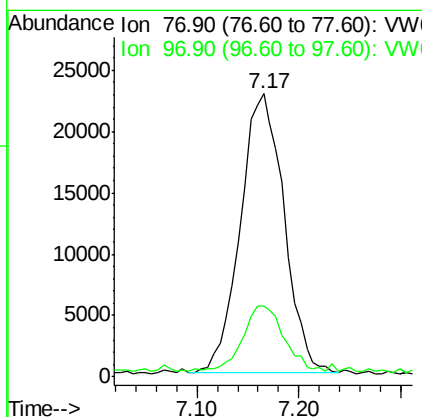
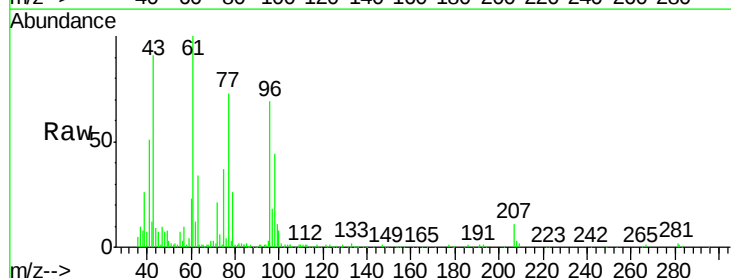
Acq: 24 Jan 2019 14:50

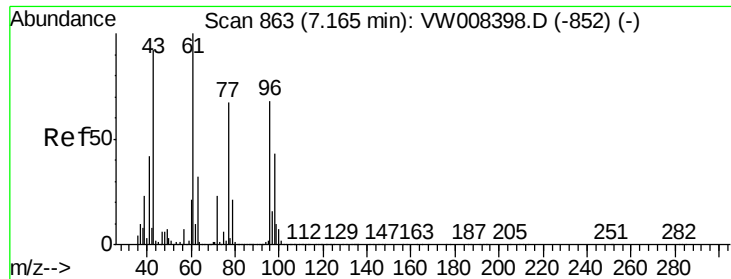
Tgt Ion: 77 Resp: 67335

Ion Ratio Lower Upper

77 100

97 22.7 11.5 34.5





#27

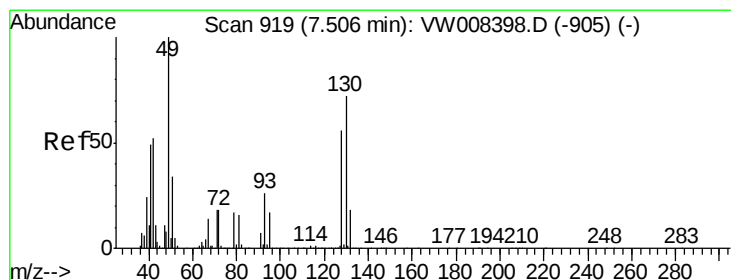
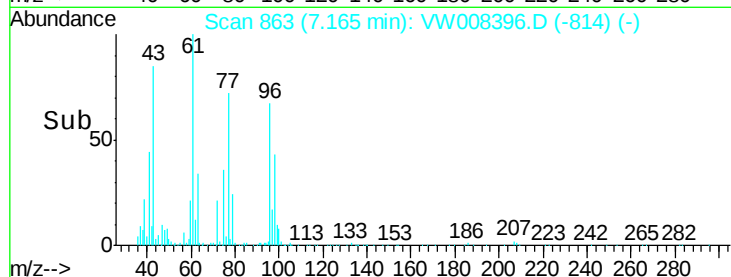
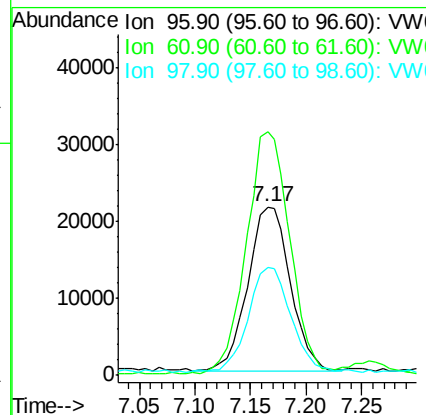
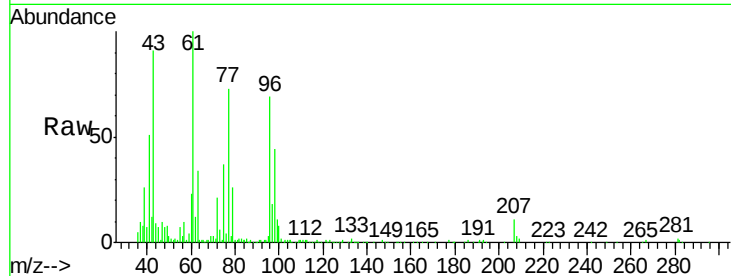
cis-1,2-Dichloroethene
 Concen: 7.791 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: VW008396.D
 Acq: 24 Jan 2019 14:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
96	100		
61	149.7	0.0	292.8
98	65.0	0.0	129.2

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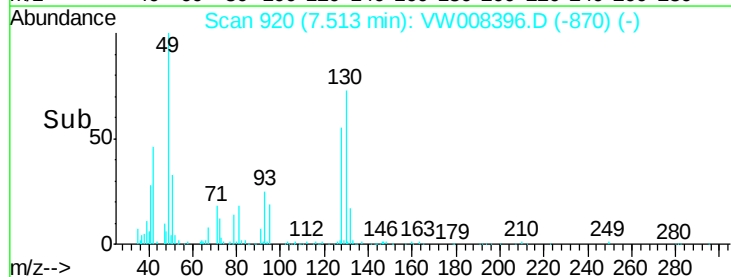
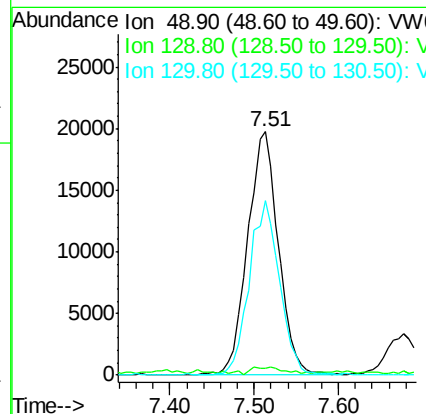
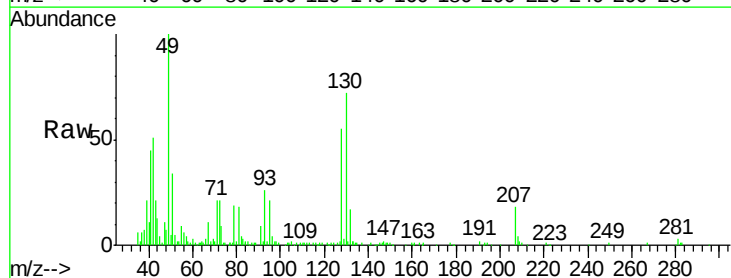
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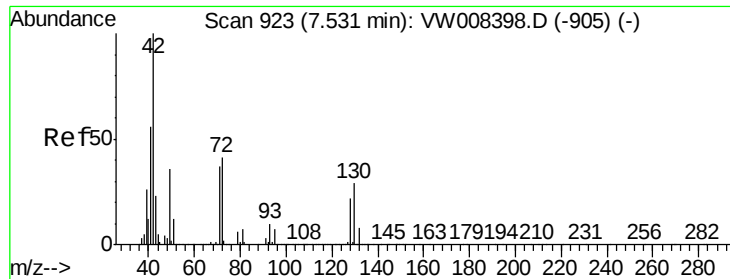


#28

Bromochloromethane
 Concen: 9.869 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.01 min
 Lab File: VW008396.D
 Acq: 24 Jan 2019 14:50

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.9	0.0	4.6
130	70.0	58.6	87.8





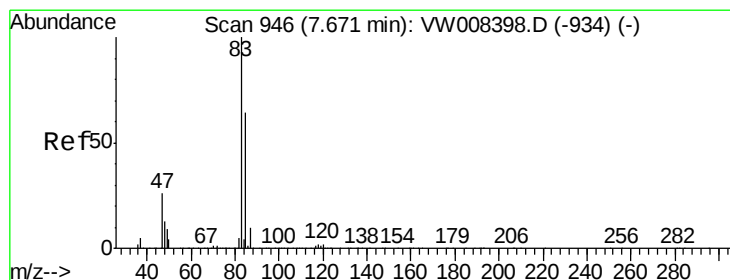
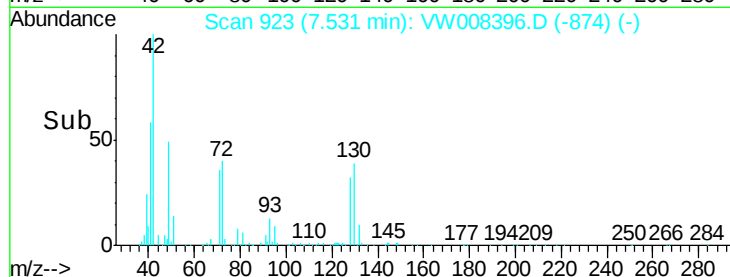
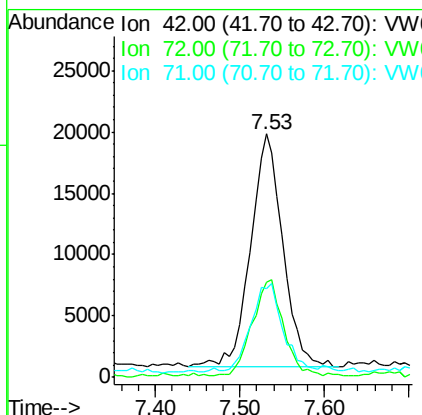
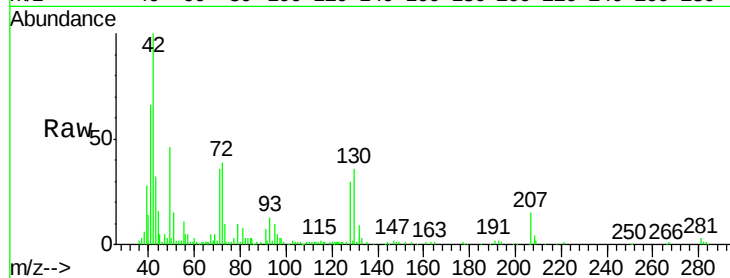
#29
Tetrahydrofuran
Concen: 43.779 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW008396.D
Acq: 24 Jan 2019 14:50

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.2	31.9	47.9
71	37.1	29.9	44.9

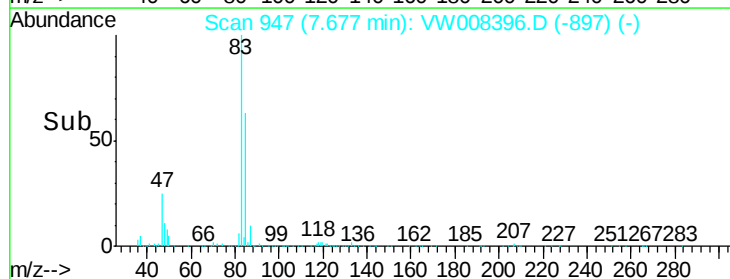
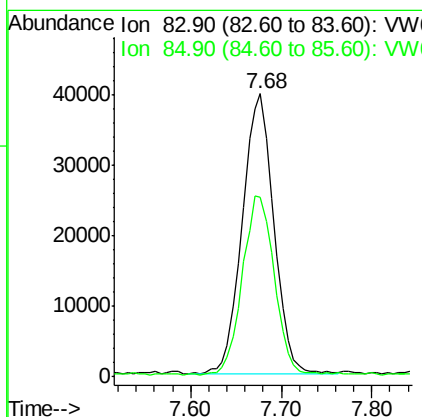
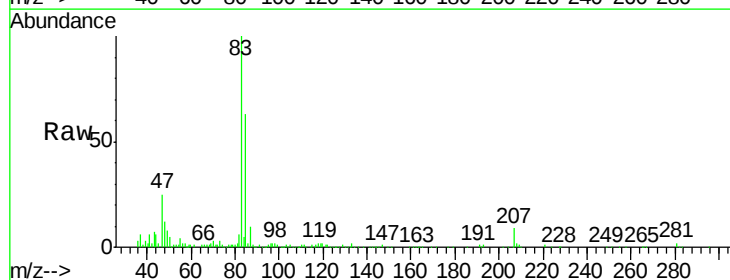
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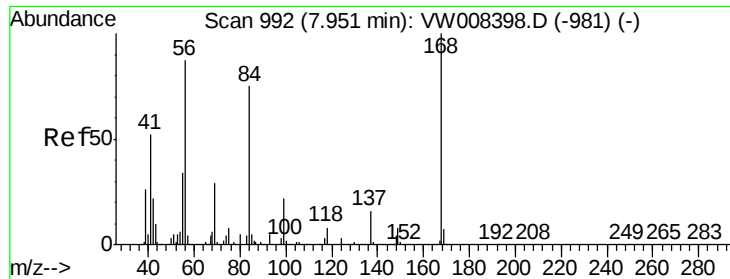
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#30
Chloroform
Concen: 7.970 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.01 min
Lab File: VW008396.D
Acq: 24 Jan 2019 14:50

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	50.9	76.3





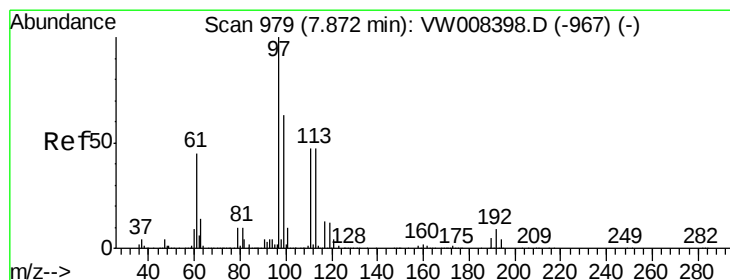
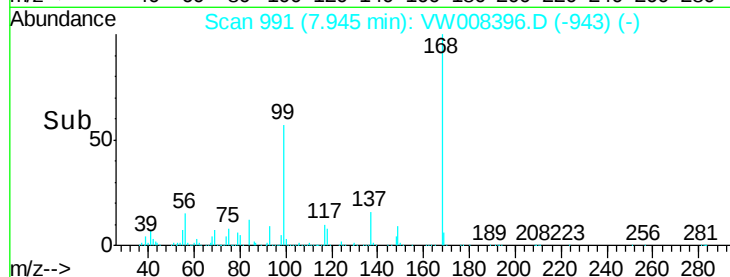
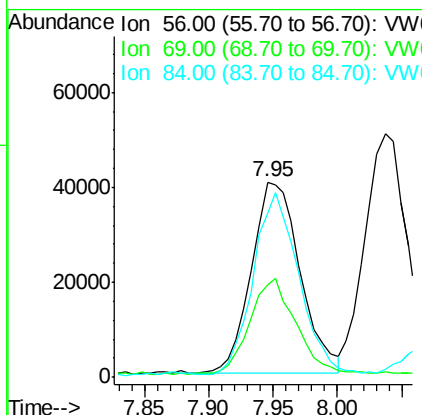
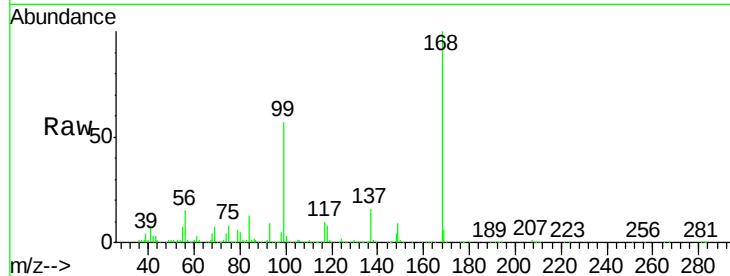
#31
Cyclohexane
Concen: 9.315 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW008396.D
Acq: 24 Jan 2019 14:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ion	Ratio	Resp	Lower	Upper
56	100		106590		
69	46.6	26.4	39.6#		
84	83.4	69.1	103.7		

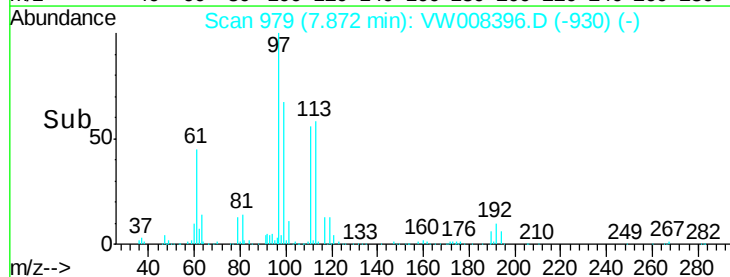
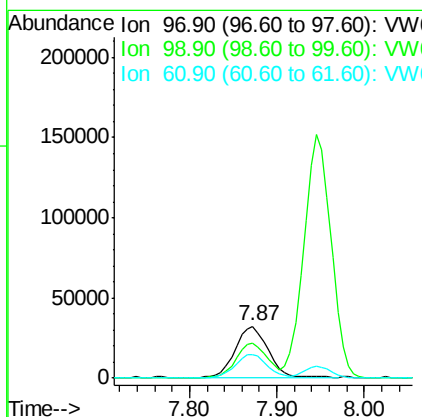
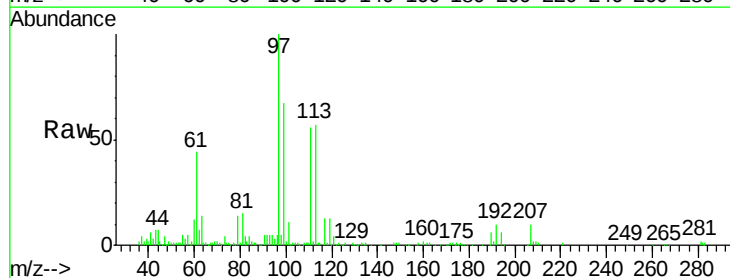
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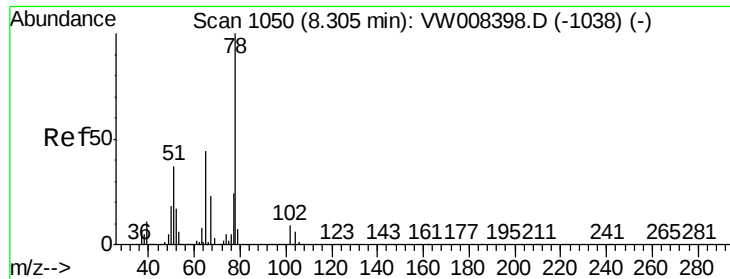
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#32
1,1,1-Trichloroethane
Concen: 8.247 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW008396.D
Acq: 24 Jan 2019 14:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
97	100		82242		
99	64.7	51.3	76.9		
61	45.3	36.2	54.4		





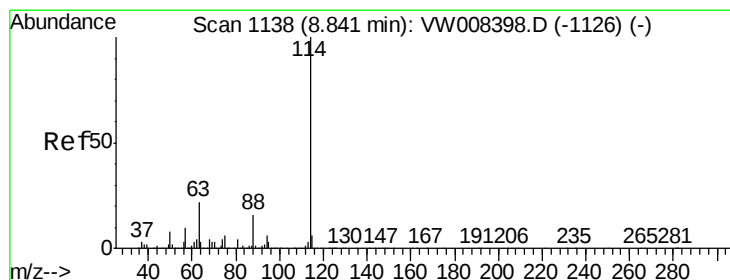
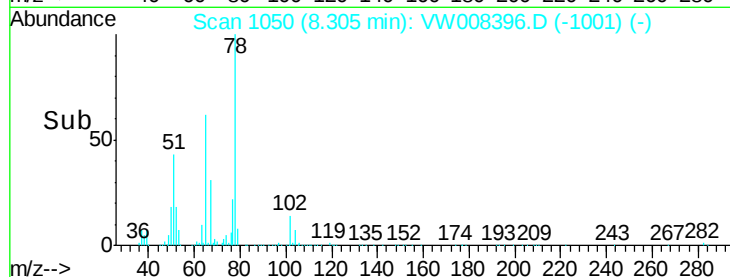
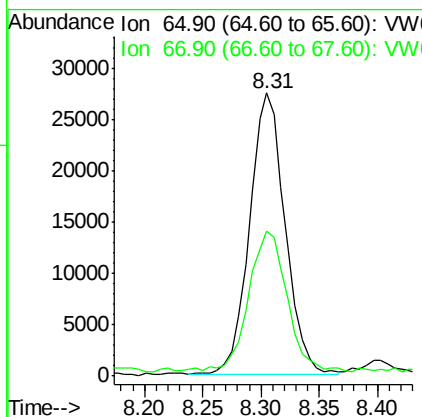
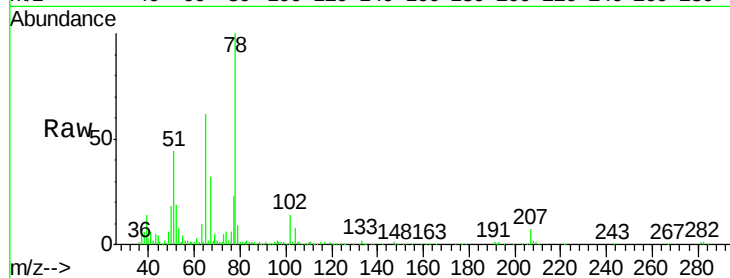
#33
 1,2-Dichloroethane-d4
 Concen: 9.518 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008396.D
 Acq: 24 Jan 2019 14:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
65	100	58314		
67	54.8	0.0	104.0	

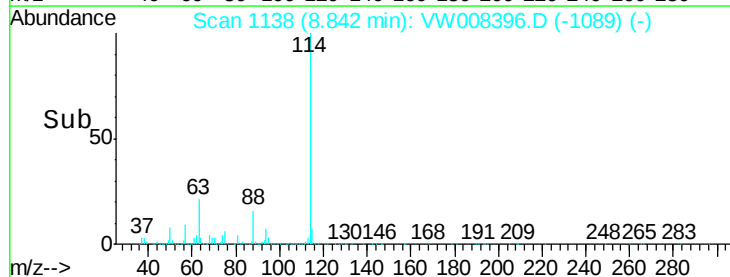
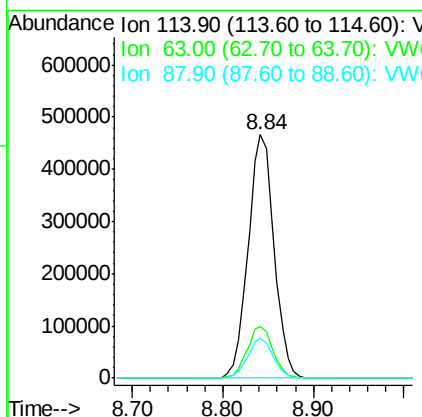
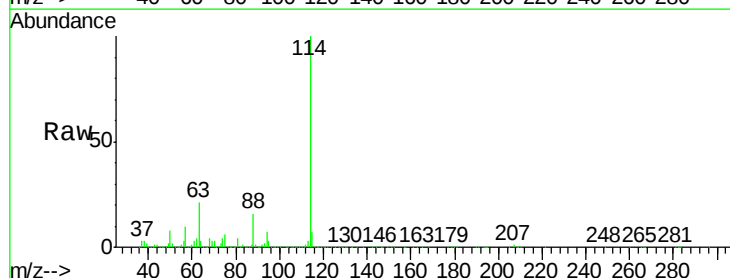
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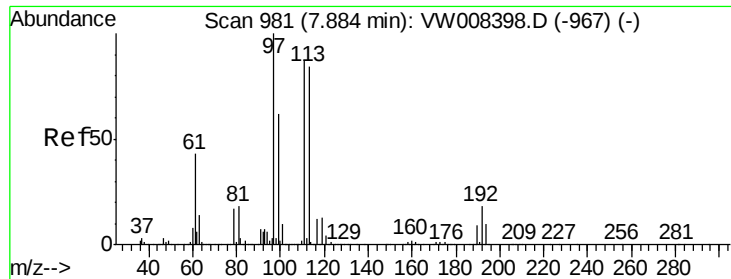
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008396.D
 Acq: 24 Jan 2019 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	918471		
63	21.4	0.0	43.6	
88	16.4	0.0	31.8	





#35

Dibromofluoromethane

Concen: 9.340 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008396.D

Acq: 24 Jan 2019 14:50

Instrument :

MSVOA_W

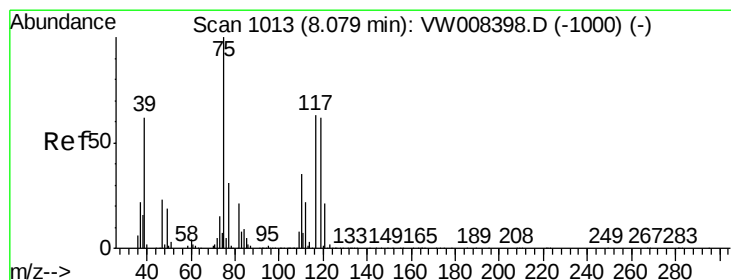
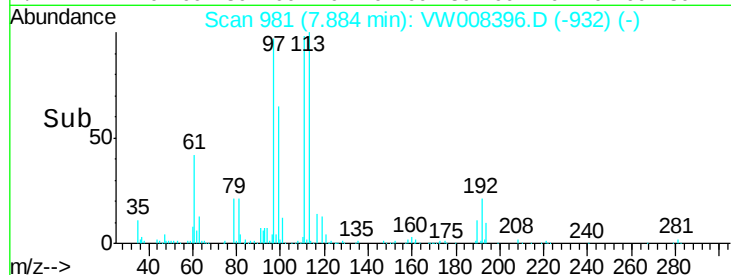
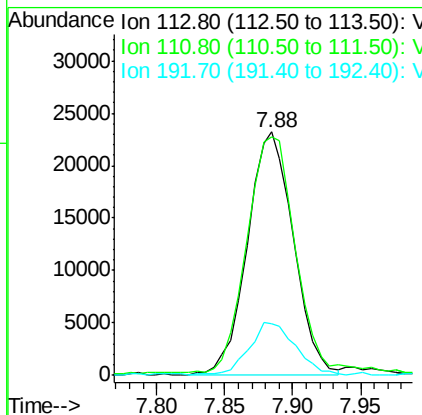
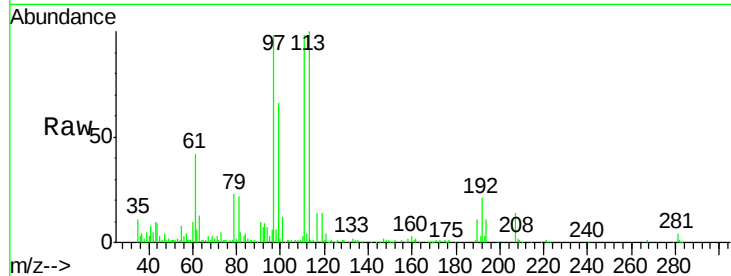
ClientSampleId :

VSTDIC010

Tot Ion:	113	Resp:	54760
Ion	Ratio	Lower	Upper
113	100		
111	104.0	81.0	121.4
192	21.8	16.8	25.2

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#36

1,1-Dichloropropene

Concen: 8.214 ug/l

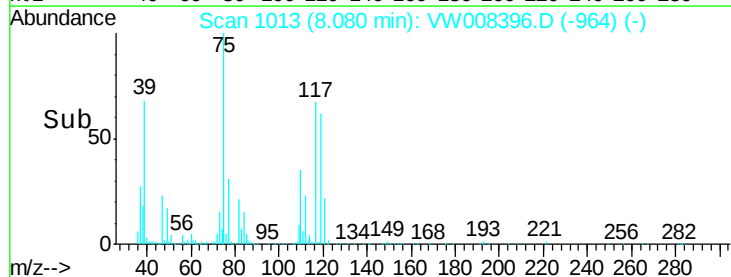
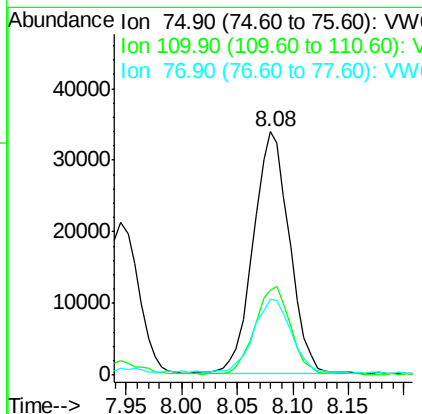
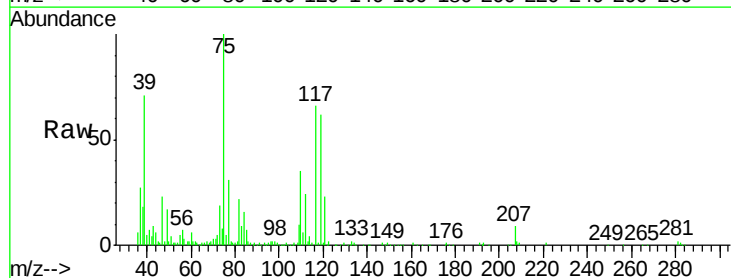
RT: 8.08 min Scan# 1013

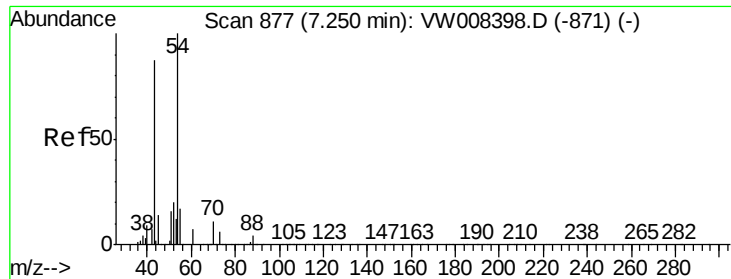
Delta R.T. 0.00 min

Lab File: VW008396.D

Acq: 24 Jan 2019 14:50

Tgt Ion:	75	Resp:	75903
Ion	Ratio	Lower	Upper
75	100		
110	37.2	17.3	52.0
77	32.8	24.7	37.1





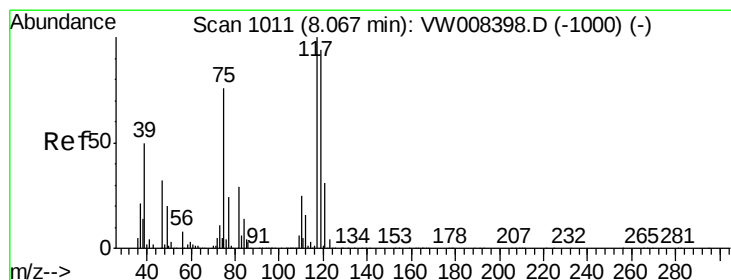
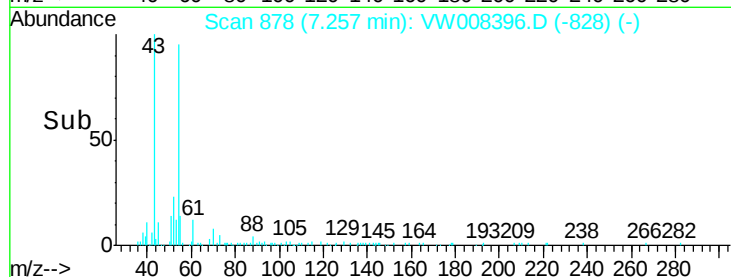
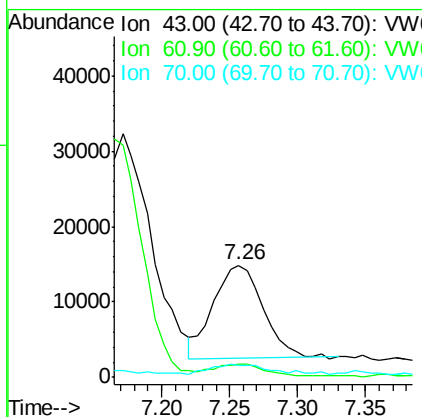
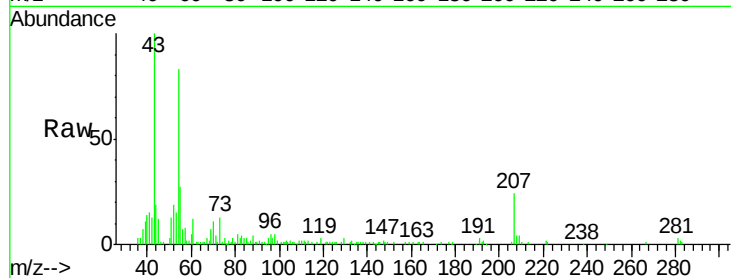
#37
Ethyl Acetate
Concen: 8.241 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW008396.D
Acq: 24 Jan 2019 14:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.5	10.1	15.1
70	13.2	7.8	11.6

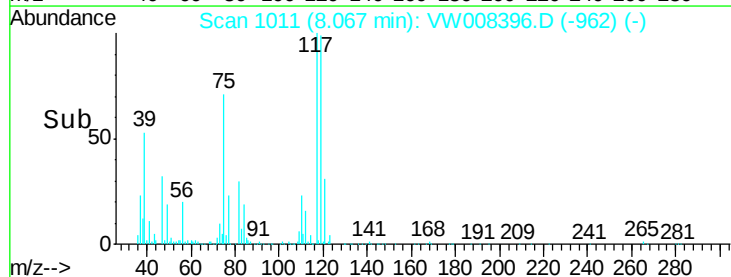
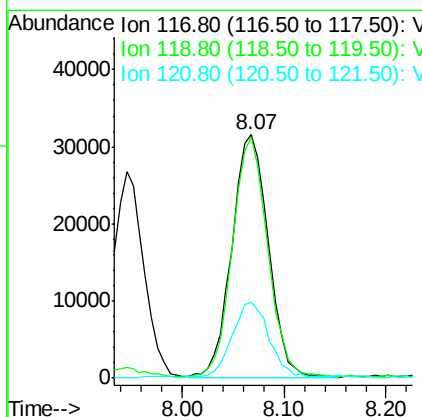
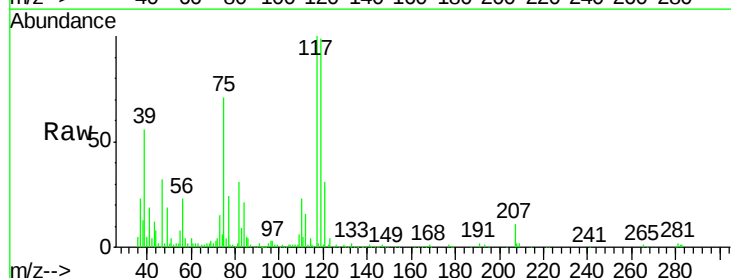
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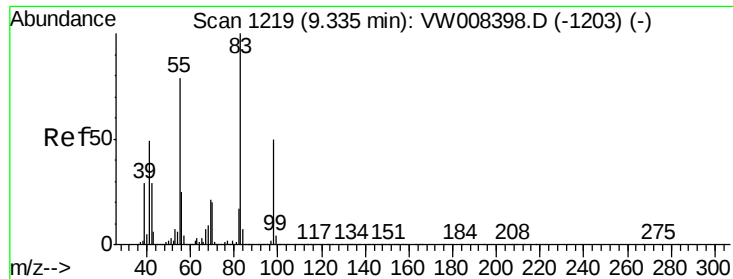
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#38
Carbon Tetrachloride
Concen: 8.514 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW008396.D
Acq: 24 Jan 2019 14:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.6	75.0	112.4
121	30.7	24.9	37.3





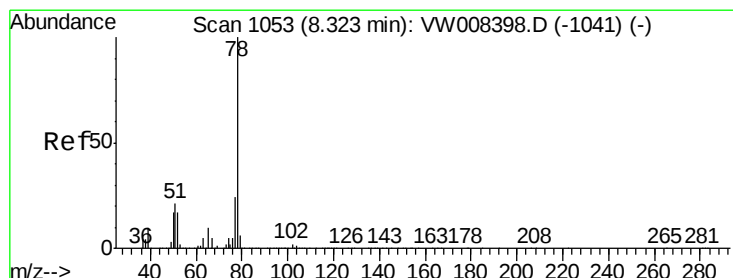
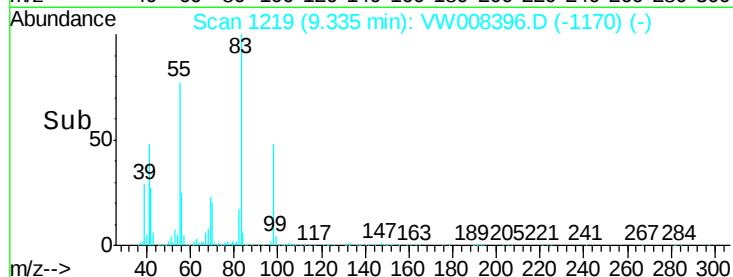
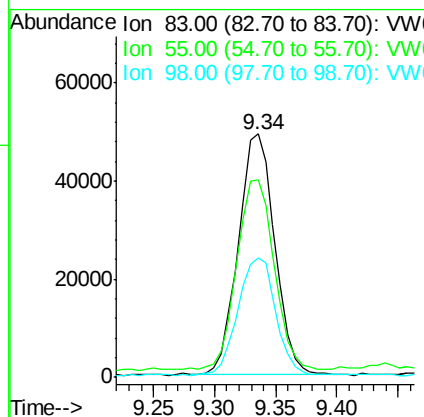
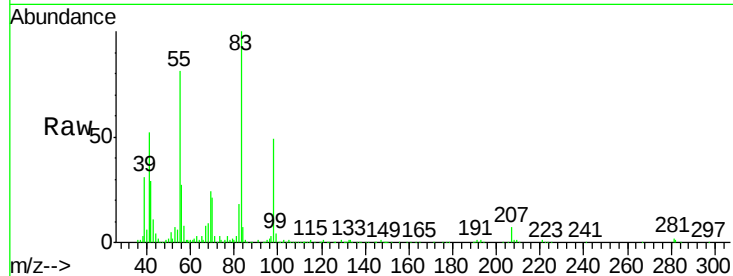
#39
Methvlcvclohexane
Concen: 9.191 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW008396.D
Acq: 24 Jan 2019 14:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.9	63.3	94.9
98	48.5	39.7	59.5

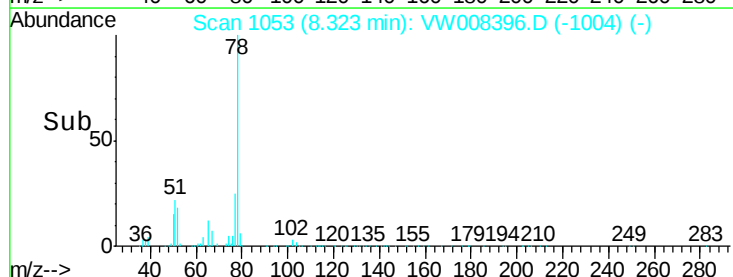
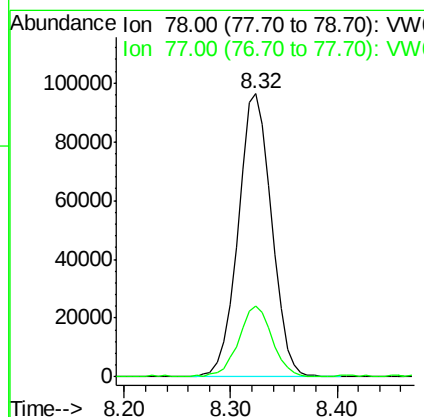
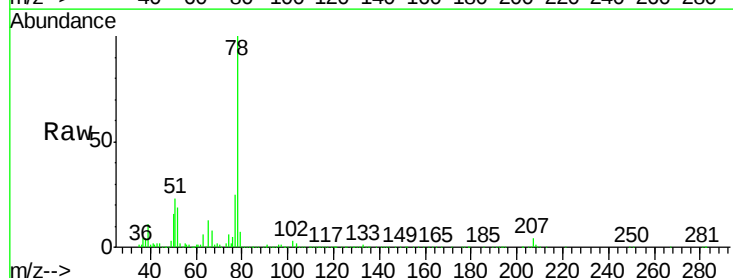
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#40
Benzene
Concen: 8.093 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW008396.D
Acq: 24 Jan 2019 14:50

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.0	28.6





#41

Methacrylonitrile

Concen: 8.555 ug/l

RT: 7.48 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW008396.D

Acq: 24 Jan 2019 14:50

Instrument :

MSVOA_W

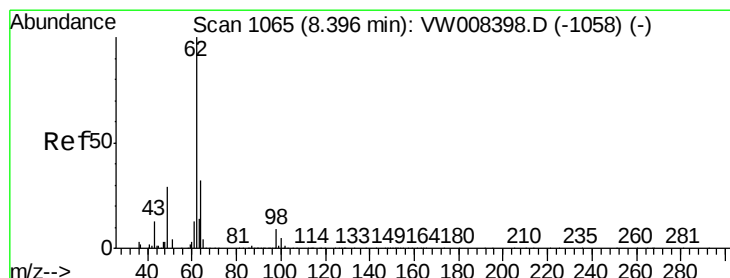
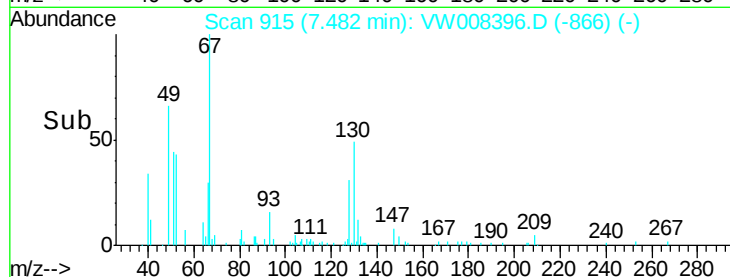
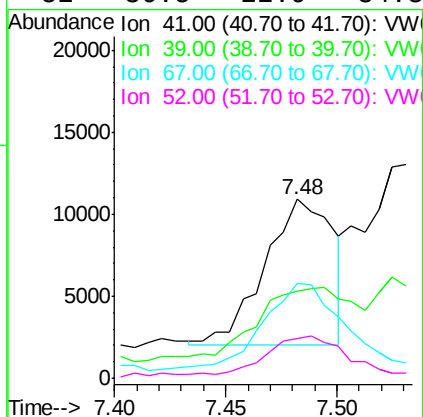
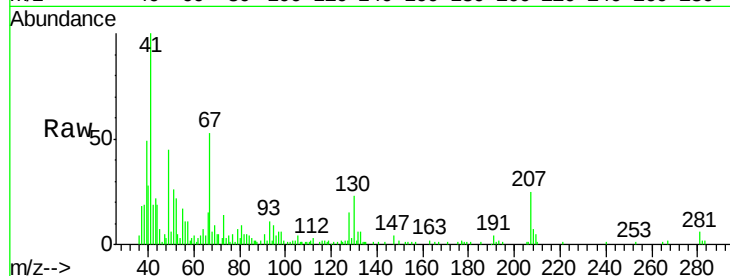
ClientSampleId :

VSTDIC010

Tot Ion	Ion	Ratio	Lower	Upper
18977	41	100		
	39	75.5	43.4	65.0#
	67	71.4	54.2	81.2
	52	36.5	22.9	34.3#

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#42

1,2-Dichloroethane

Concen: 8.349 ug/l

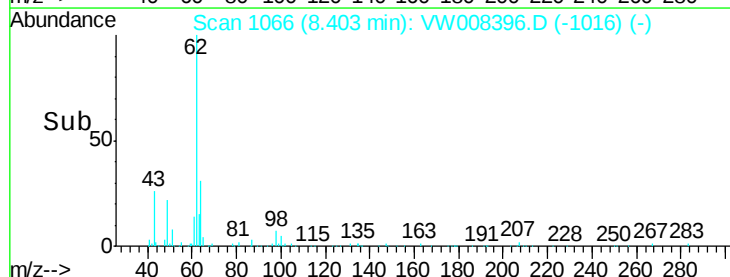
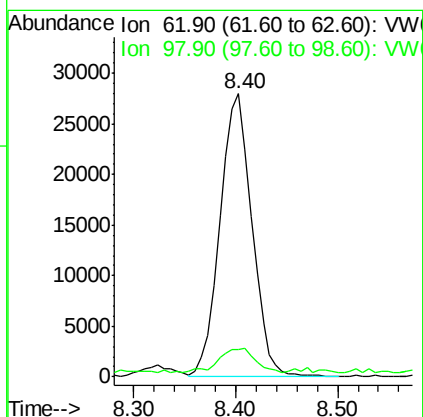
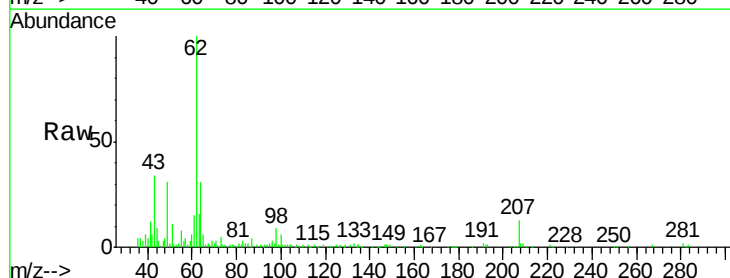
RT: 8.40 min Scan# 1066

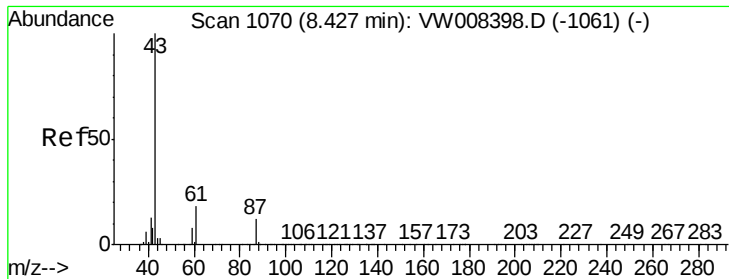
Delta R.T. 0.01 min

Lab File: VW008396.D

Acq: 24 Jan 2019 14:50

Tgt Ion	Ion	Ratio	Lower	Upper
61107	62	100		
	98	9.7	0.0	18.6





#43

Isopropyl Acetate

Concen: 9.438 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW008396.D

Acq: 24 Jan 2019 14:50

Instrument :

MSVOA_W

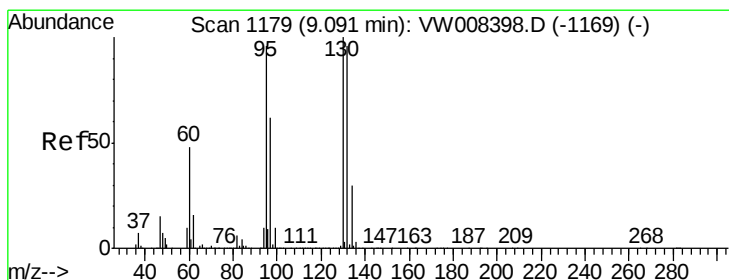
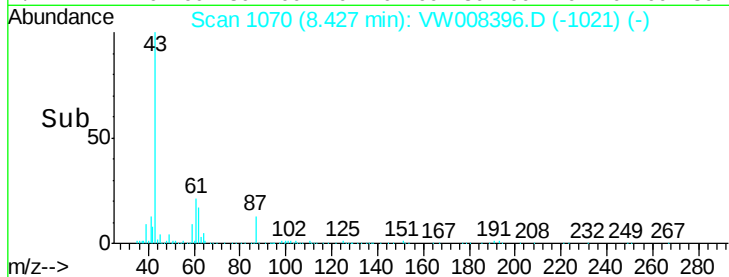
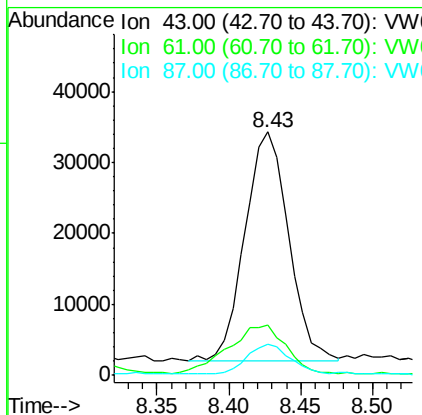
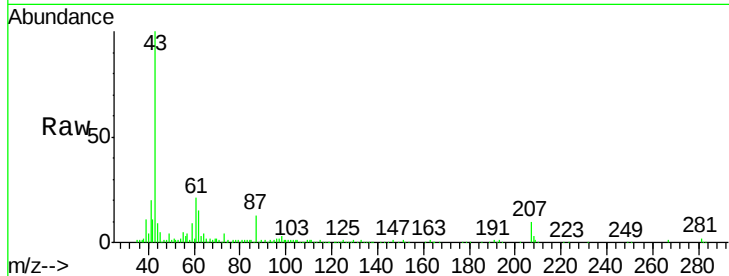
ClientSampleId :

VSTDIC010

Tot Ion:	43	Resp:	67932
Ion	Ratio	Lower	Upper
43	100		
61	29.1	22.0	33.0
87	13.0	9.3	13.9

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#44

Trichloroethene

Concen: 8.105 ug/l

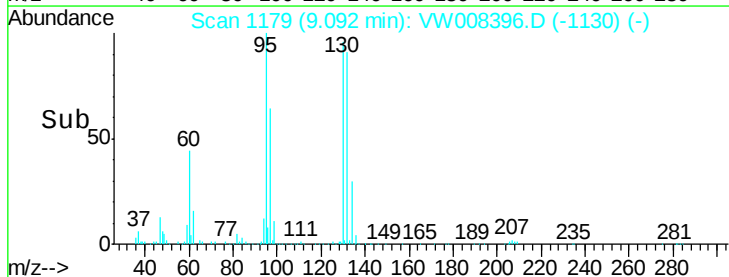
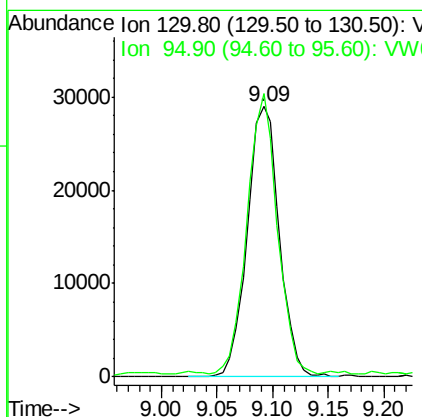
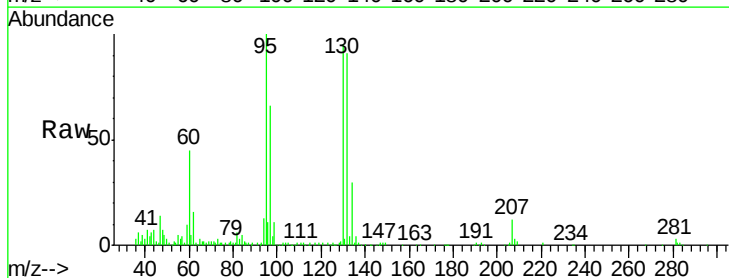
RT: 9.09 min Scan# 1179

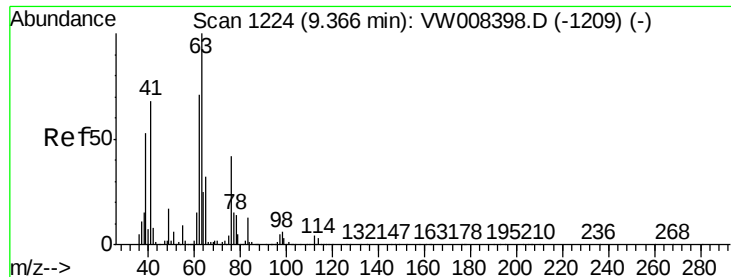
Delta R.T. 0.00 min

Lab File: VW008396.D

Acq: 24 Jan 2019 14:50

Tgt Ion:	130	Resp:	58121
Ion	Ratio	Lower	Upper
130	100		
95	103.0	0.0	191.6





#45

1,2-Dichloropropane

Concen: 8.236 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.01 min

Lab File: VW008396.D

Acq: 24 Jan 2019 14:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 63 Resp: 53550

Ion Ratio Lower Upper

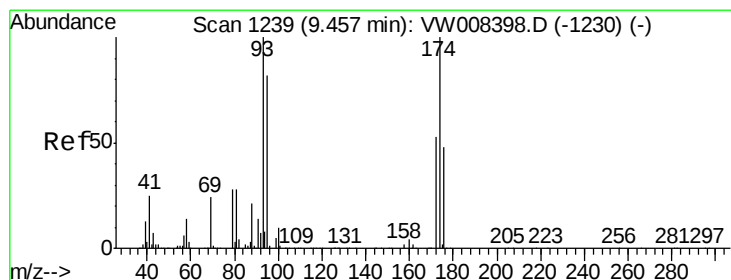
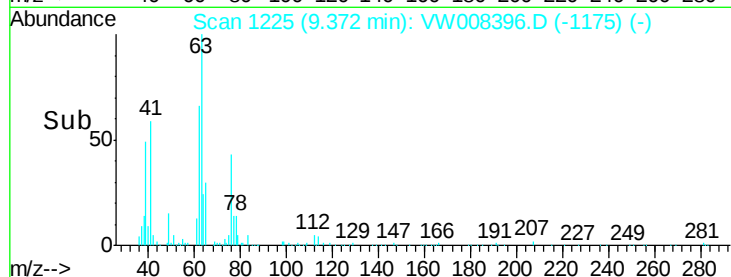
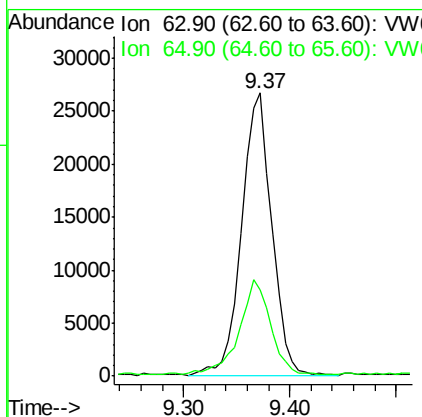
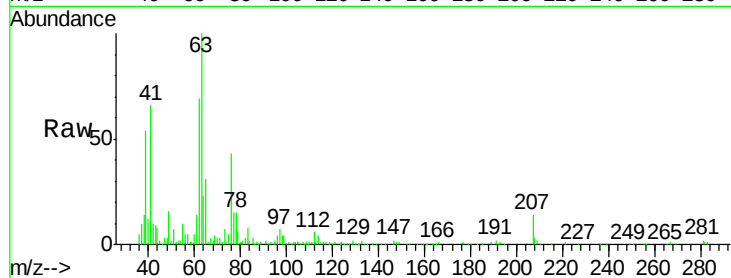
63 100

65 29.9 25.2 37.8

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#46

Dibromomethane

Concen: 7.923 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.01 min

Lab File: VW008396.D

Acq: 24 Jan 2019 14:50

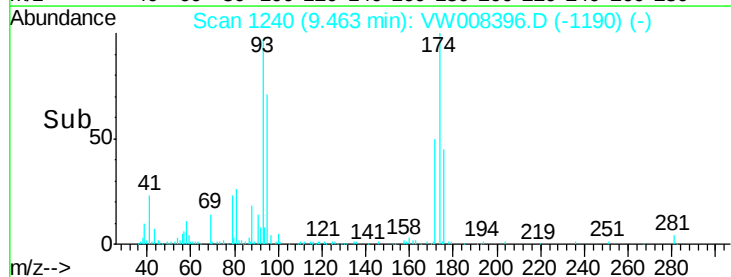
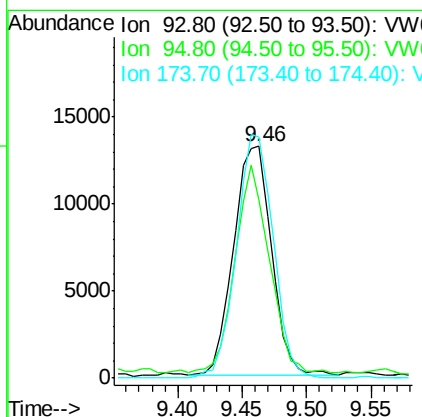
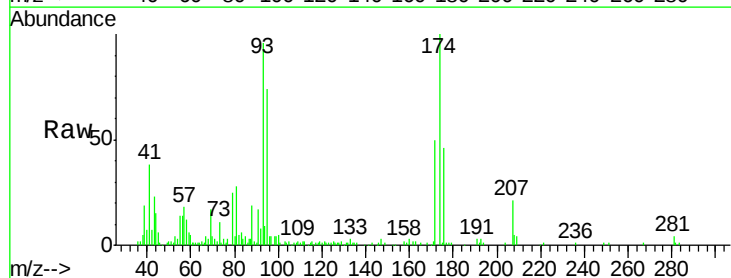
Tgt Ion: 93 Resp: 26850

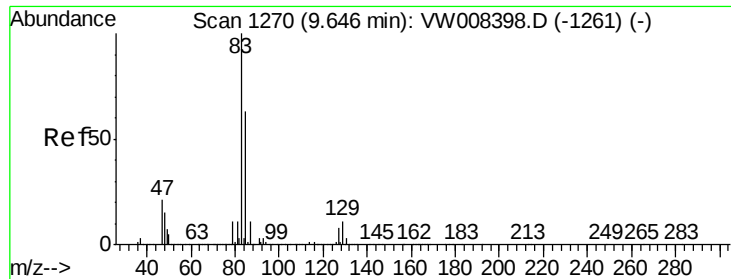
Ion Ratio Lower Upper

93 100

95 83.5 65.9 98.9

174 103.4 81.0 121.6





#47

Bromodichloromethane

Concen: 8.752 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW008396.D

Acq: 24 Jan 2019 14:50

Instrument :

MSVOA_W

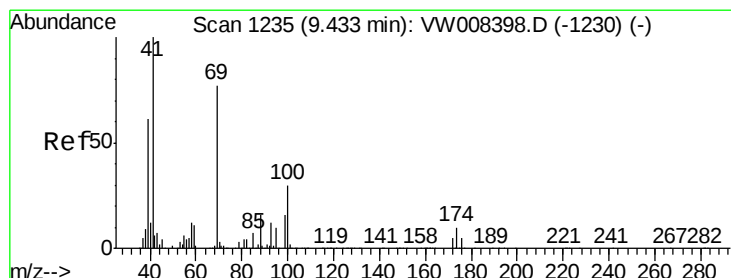
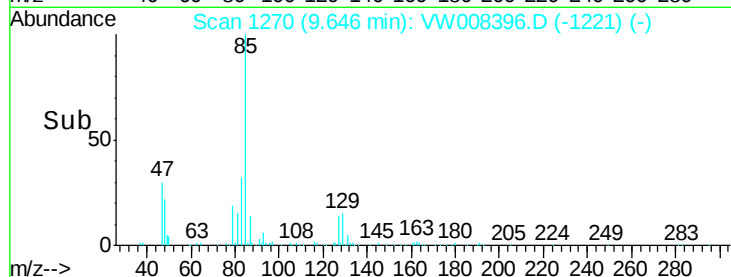
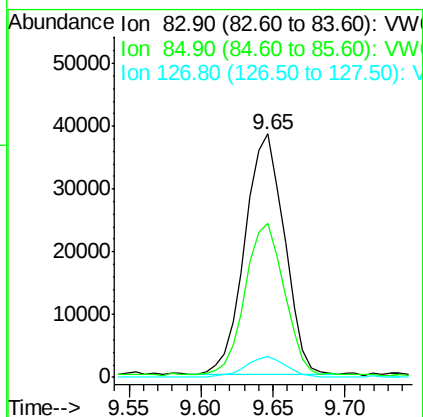
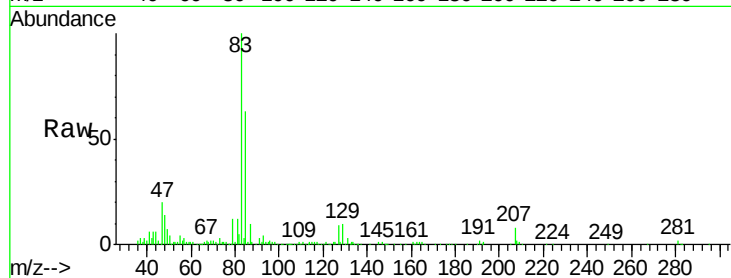
ClientSampleId :

VSTDIC010

Tot Ion:	83	Resp:	73154
Ion Ratio	Lower	Upper	
83	100		
85	62.9	50.8	76.2
127	8.8	6.8	10.2

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#48

Methyl methacrylate

Concen: 10.560 ug/l

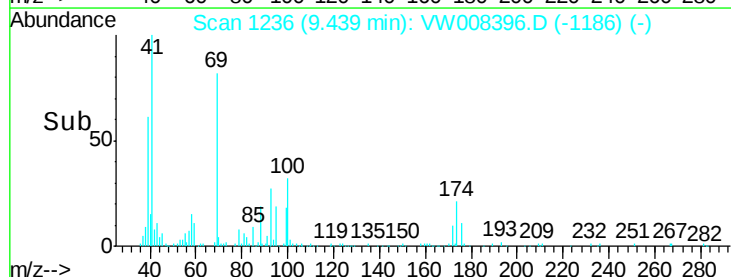
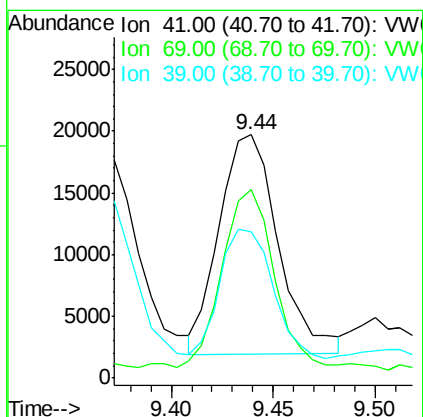
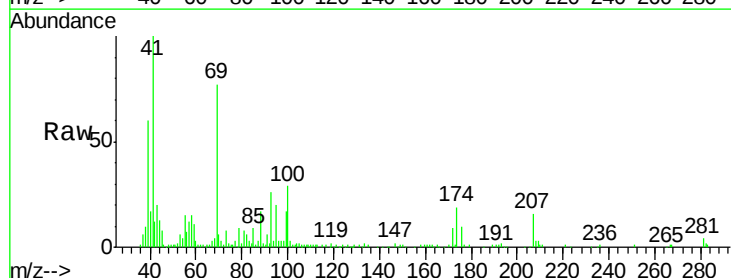
RT: 9.44 min Scan# 1236

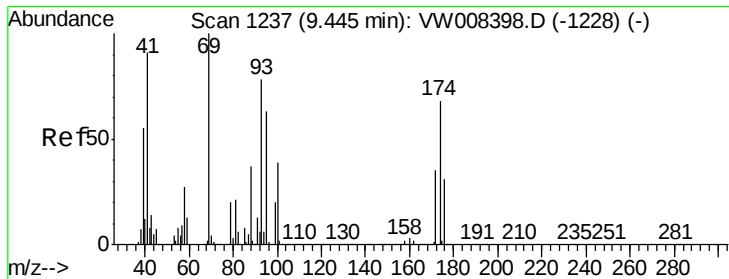
Delta R.T. 0.01 min

Lab File: VW008396.D

Acq: 24 Jan 2019 14:50

Tgt Ion:	41	Resp:	35783
Ion Ratio	Lower	Upper	
41	100		
69	75.7	64.8	97.2
39	59.3	49.1	73.7





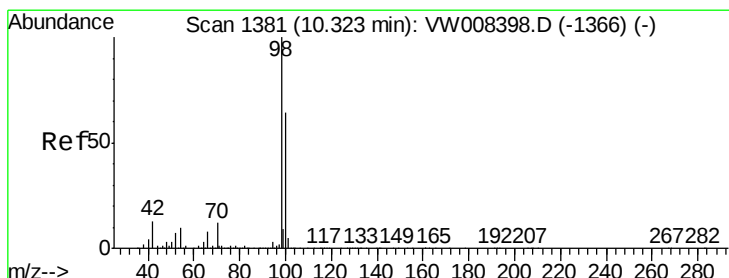
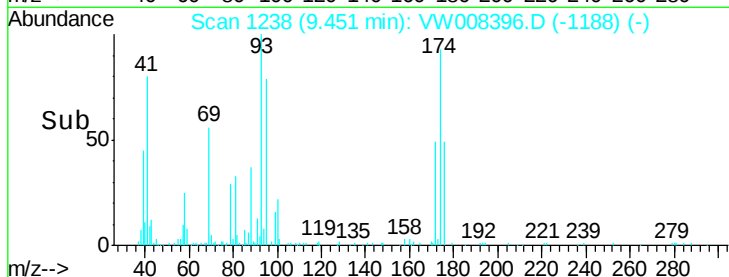
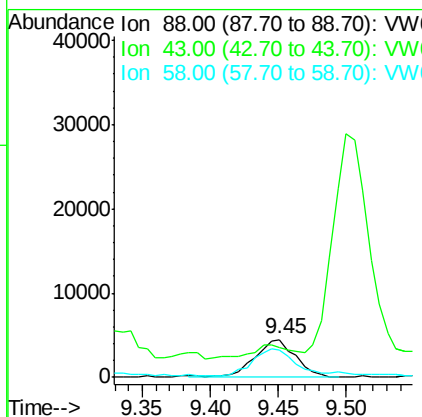
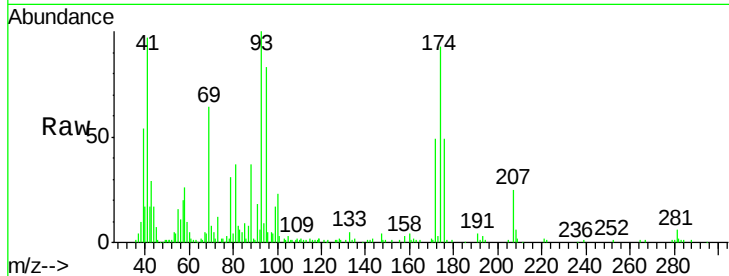
#49
1,4-Dioxane
Concen: 168.021 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. 0.01 min
Lab File: VW008396.D
Acq: 24 Jan 2019 14:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.5	29.0	43.4
58	72.3	56.4	84.6

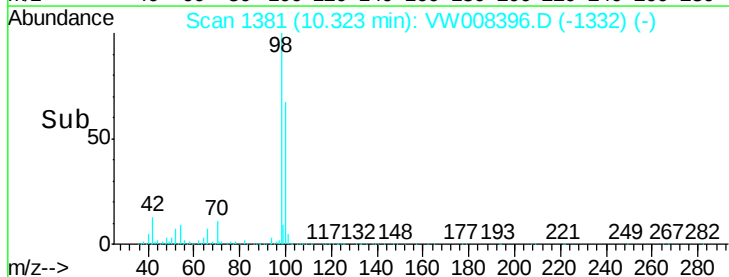
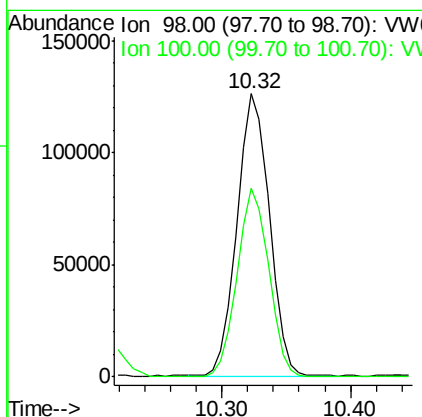
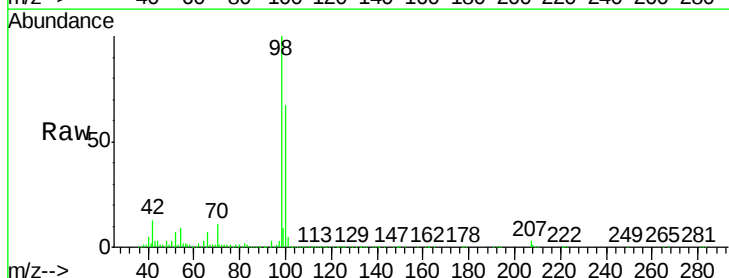
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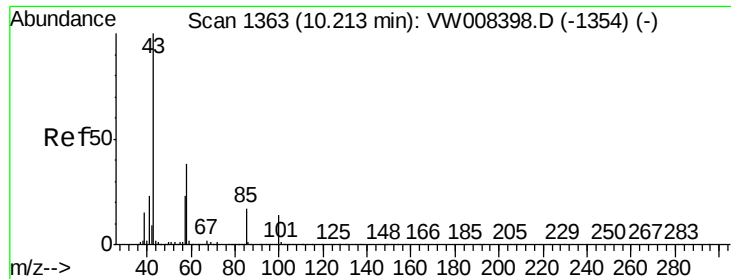
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#50
Toluene-d8
Concen: 9.521 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008396.D
Acq: 24 Jan 2019 14:50

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.6	78.8





#51

4-Methyl-2-Pentanone

Concen: 46.286 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW008396.D

Acq: 24 Jan 2019 14:50

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tot Ion: 43 Resp: 168701

Ion Ratio Lower Upper

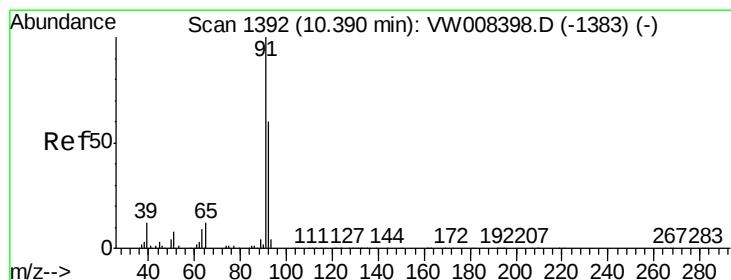
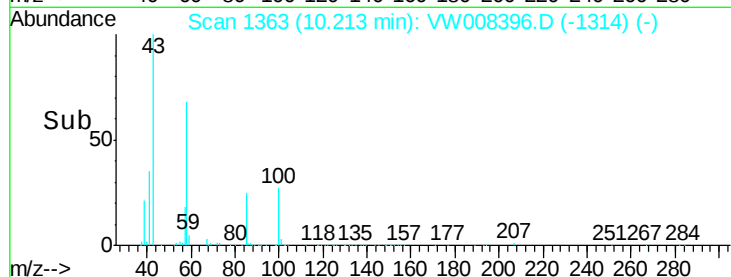
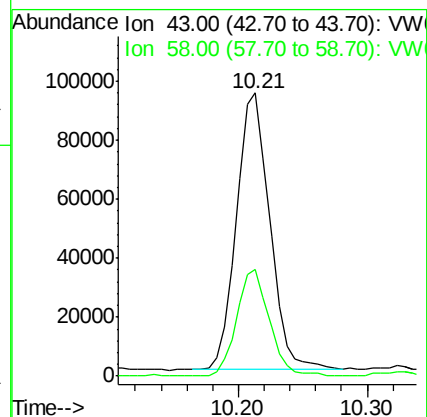
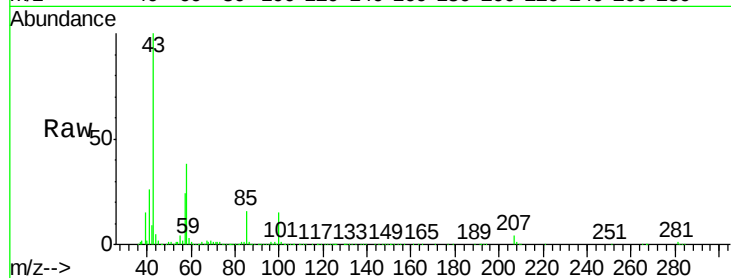
43 100

58 37.3 29.7 44.5

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#52

Toluene

Concen: 8.346 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW008396.D

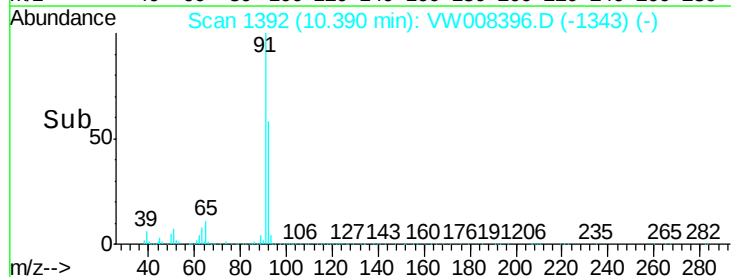
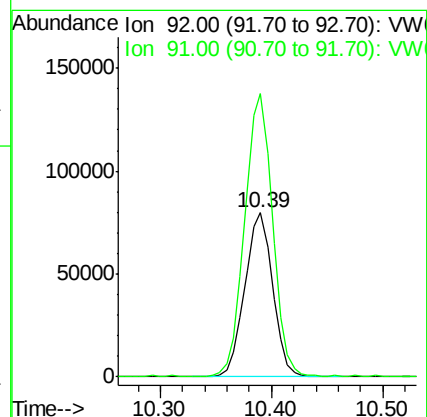
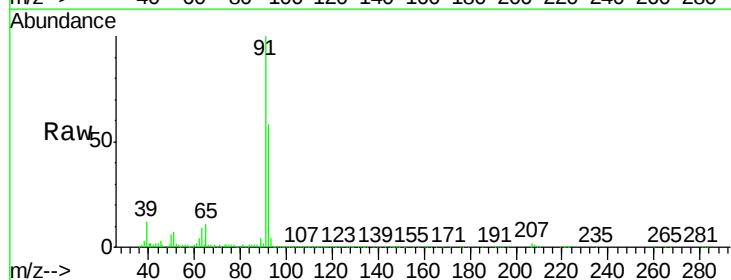
Acq: 24 Jan 2019 14:50

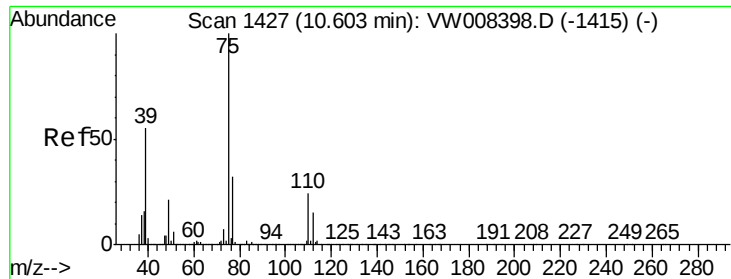
Tgt Ion: 92 Resp: 138251

Ion Ratio Lower Upper

92 100

91 171.8 135.5 203.3





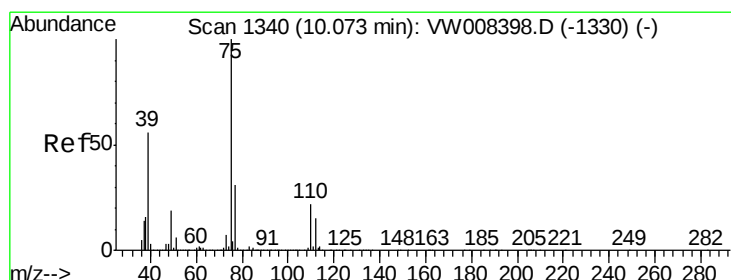
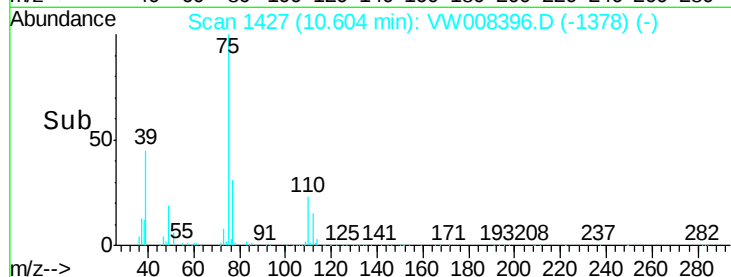
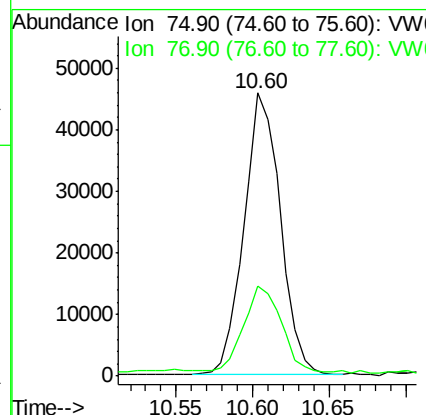
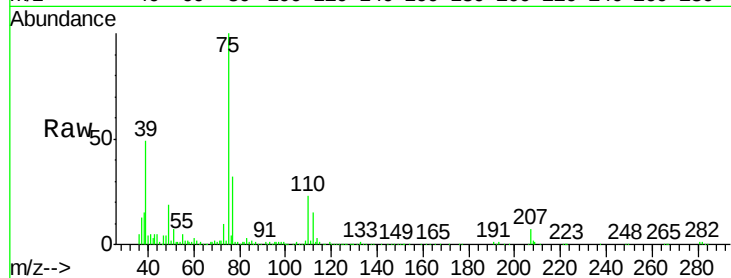
#53
t-1,3-Dichloropropene
Concen: 9.095 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. 0.00 min
Lab File: VW008396.D
Acq: 24 Jan 2019 14:50

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion: 75 Resp: 75878
Ion Ratio Lower Upper
75 100
77 29.9 25.3 37.9

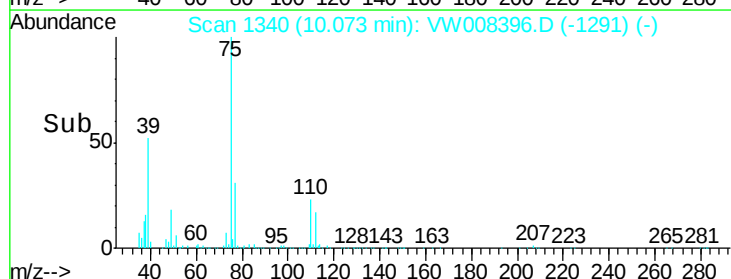
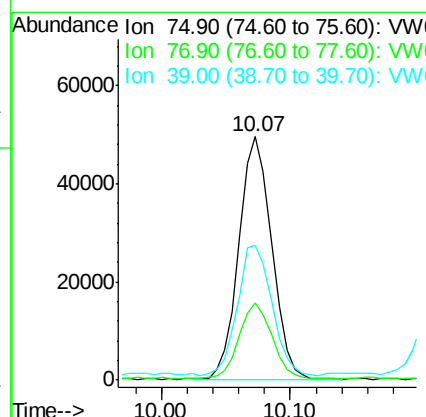
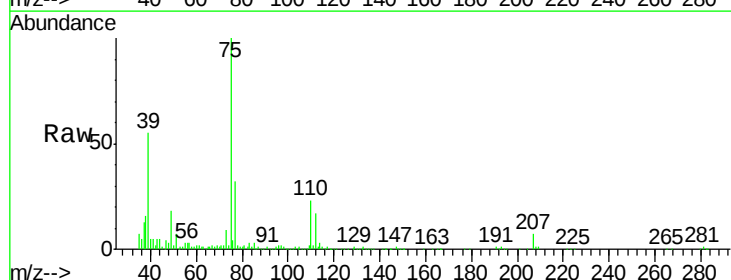
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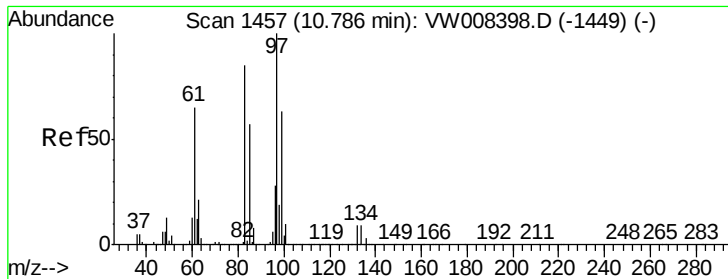
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#54
cis-1,3-Dichloropropene
Concen: 8.860 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW008396.D
Acq: 24 Jan 2019 14:50

Tgt Ion: 75 Resp: 87141
Ion Ratio Lower Upper
75 100
77 31.3 25.0 37.4
39 52.9 44.9 67.3





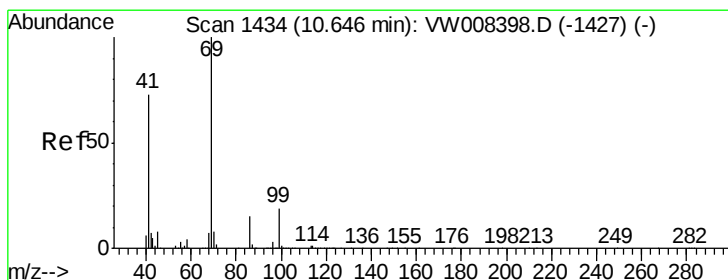
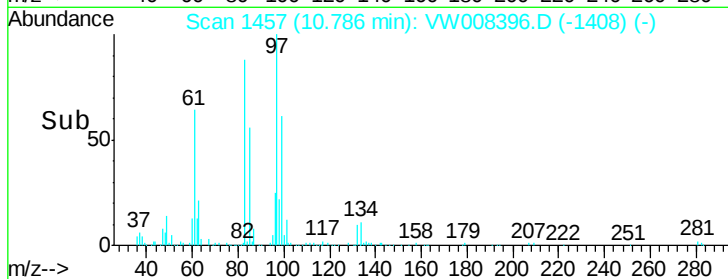
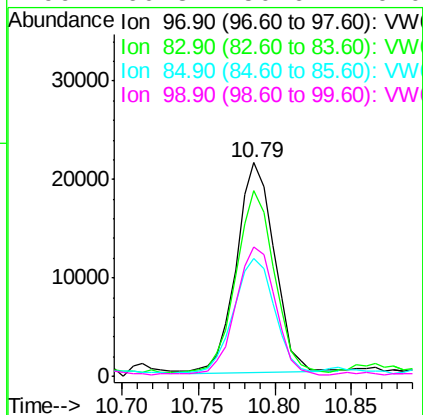
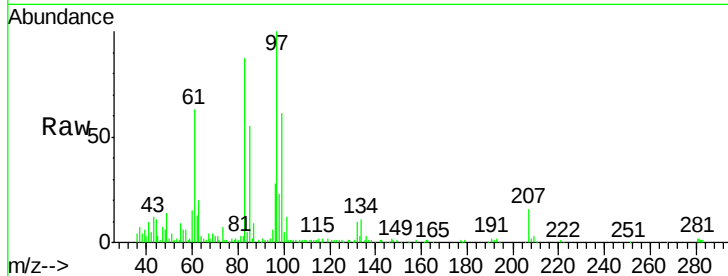
#55
 1,1,2-Trichloroethane
 Concen: 7.891 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW008396.D
 Acq: 24 Jan 2019 14:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion:	97	Resp:	37088
Ion	Ratio	Lower	Upper
97	100		
83	86.3	68.4	102.6
85	54.6	45.3	67.9
99	60.8	50.6	76.0

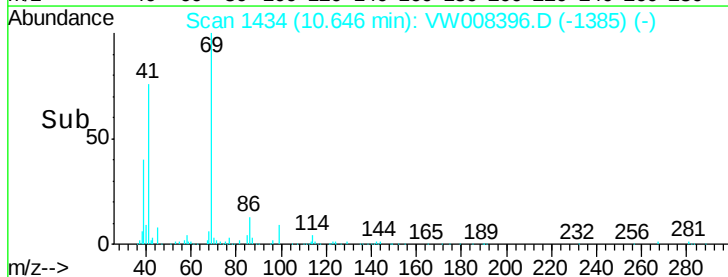
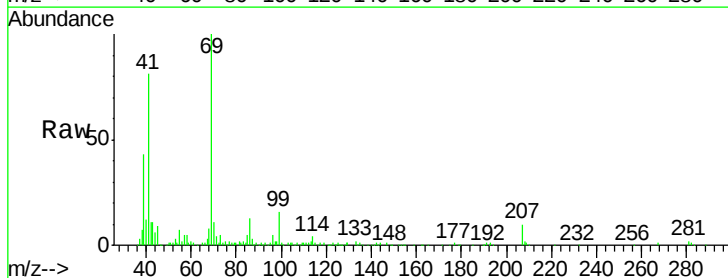
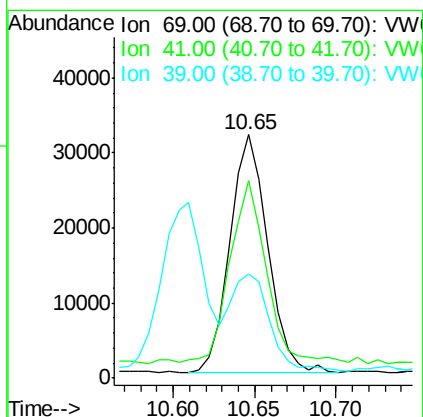
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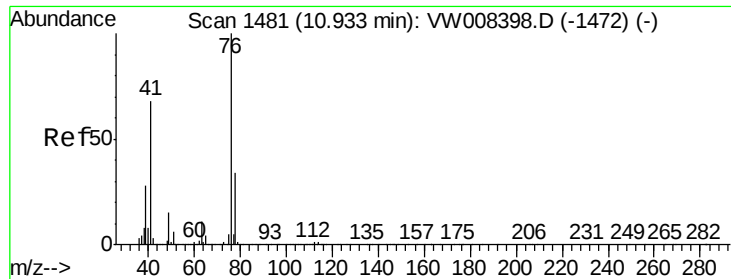
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#56
 Ethyl methacrylate
 Concen: 9.308 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW008396.D
 Acq: 24 Jan 2019 14:50

Tgt Ion:	69	Resp:	51380
Ion	Ratio	Lower	Upper
69	100		
41	73.4	58.7	88.1
39	42.0	32.6	48.8





#57

1,3-Dichloropropane

Concen: 8.256 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW008396.D

Acq: 24 Jan 2019 14:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 76 Resp: 67381

Ion Ratio Lower Upper

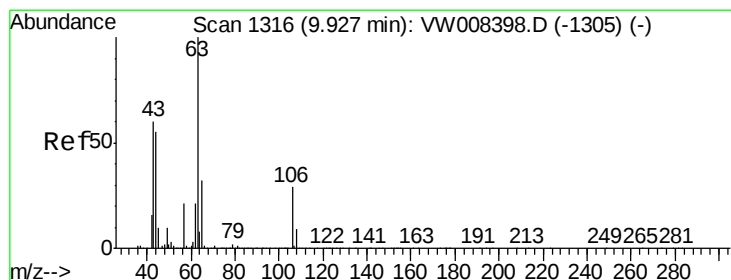
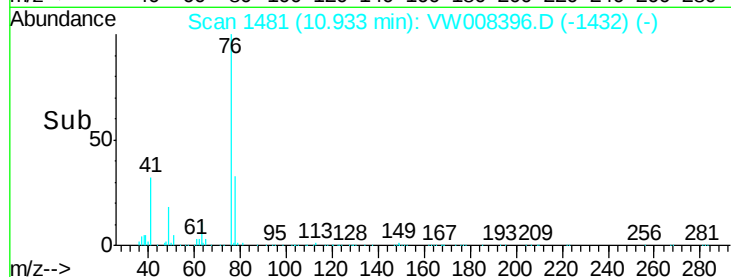
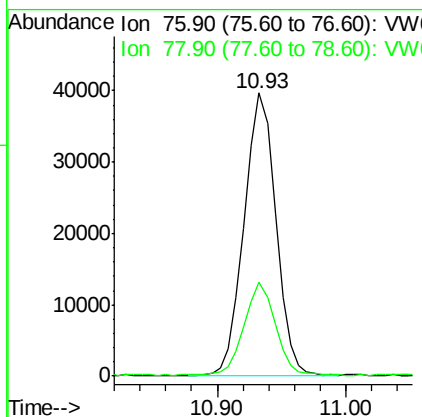
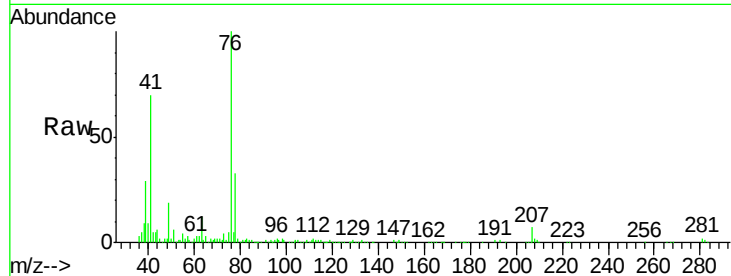
76 100

78 32.7 25.8 38.8

Manual Integrations
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#58

2-Chloroethyl Vinyl ether

Concen: 49.145 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VW008396.D

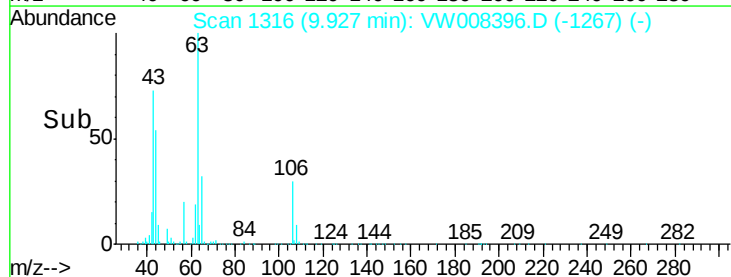
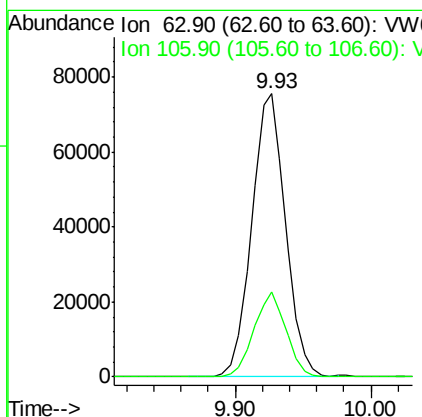
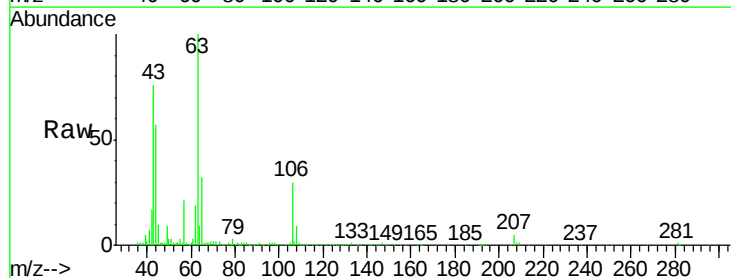
Acq: 24 Jan 2019 14:50

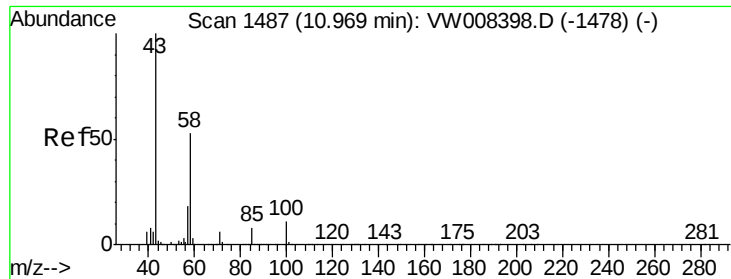
Tgt Ion: 63 Resp: 130854

Ion Ratio Lower Upper

63 100

106 29.0 22.4 33.6





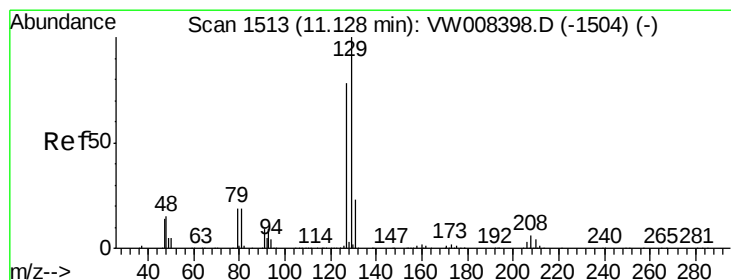
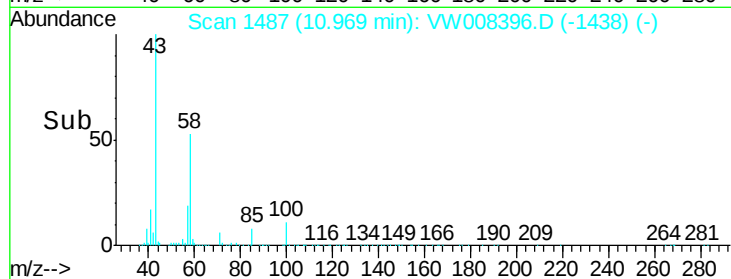
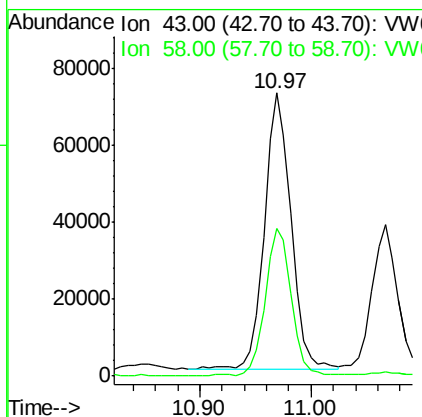
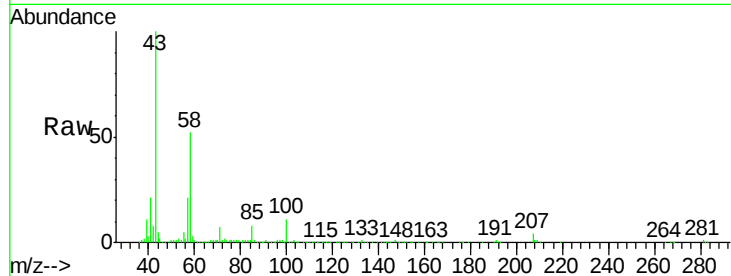
#59
2-Hexanone
Concen: 46.940 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW008396.D
Acq: 24 Jan 2019 14:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion: 43 Resp: 119871
Ion Ratio Lower Upper
43 100
58 52.2 25.9 77.7

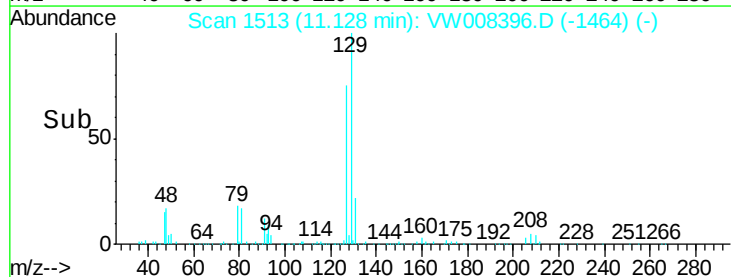
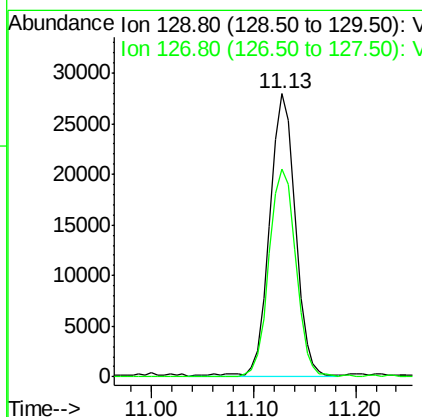
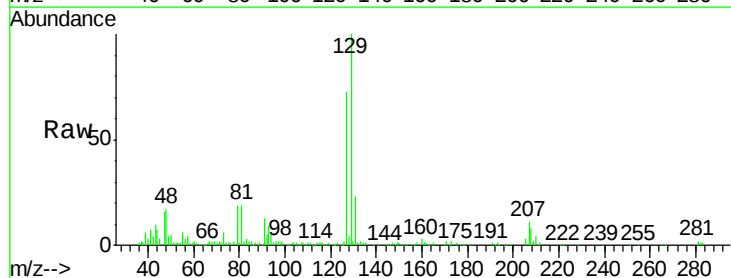
Manual Integrations
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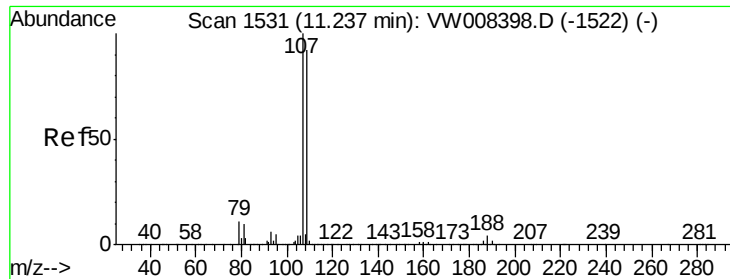
sam
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#60
Dibromochloromethane
Concen: 8.632 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW008396.D
Acq: 24 Jan 2019 14:50

Tgt Ion: 129 Resp: 48420
Ion Ratio Lower Upper
129 100
127 77.2 39.1 117.2





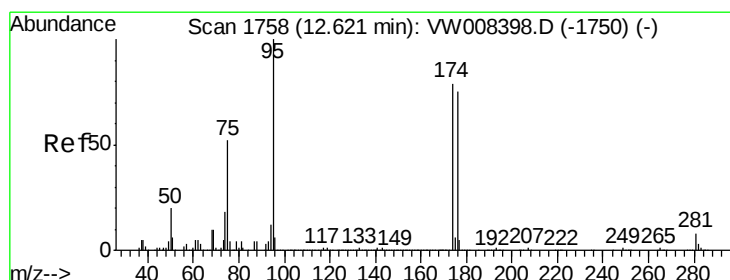
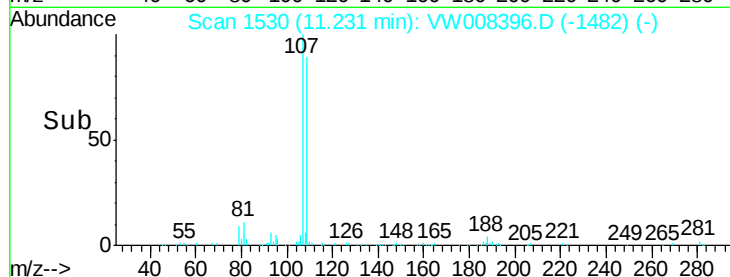
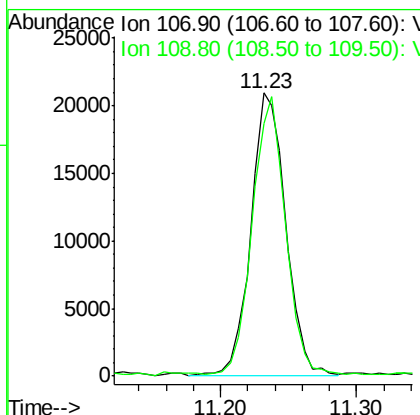
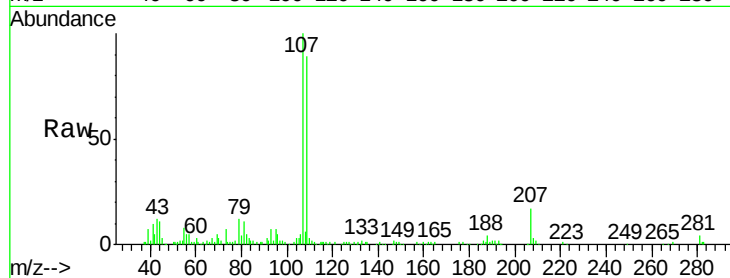
#61
 1,2-Dibromoethane
 Concen: 8.195 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW008396.D
 Acq: 24 Jan 2019 14:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion: 107 Resp: 37299
 Ion Ratio Lower Upper
 107 100
 109 94.2 75.0 112.4

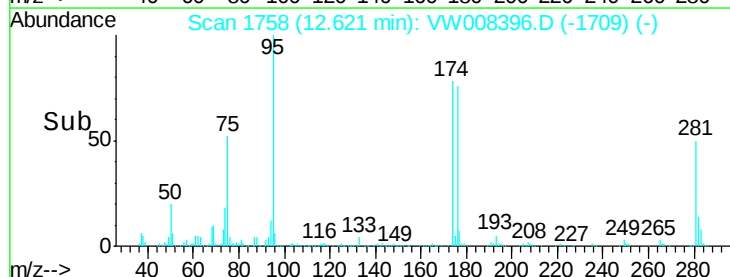
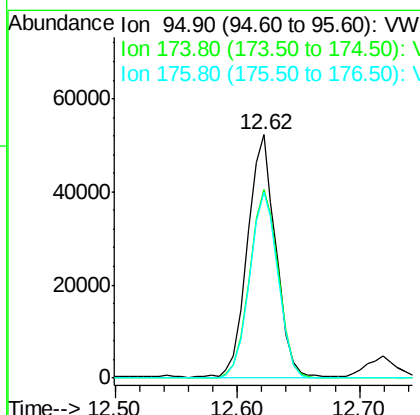
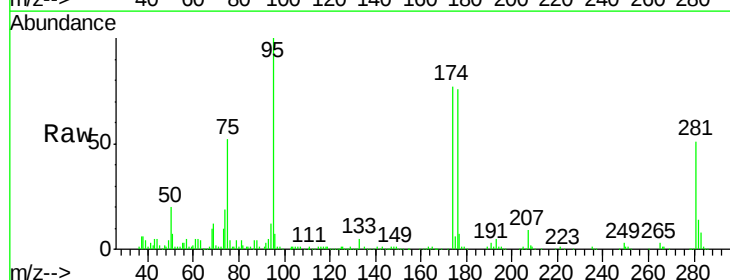
Manual Integrations
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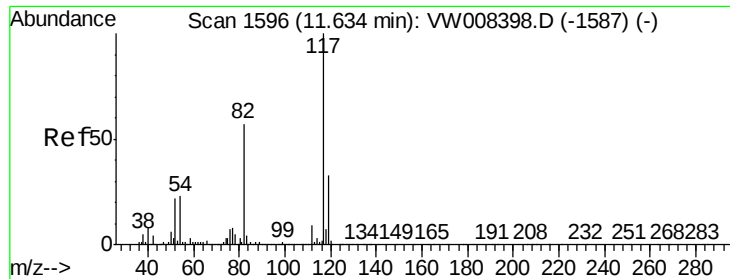
sam
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#62
 4-Bromofluorobenzene
 Concen: 10.129 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW008396.D
 Acq: 24 Jan 2019 14:50

Tgt Ion: 95 Resp: 83669
 Ion Ratio Lower Upper
 95 100
 174 79.3 0.0 157.6
 176 77.0 0.0 151.8





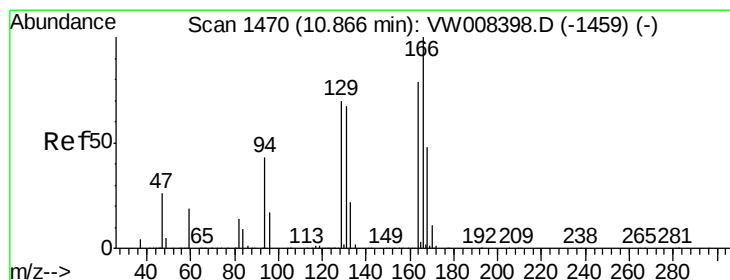
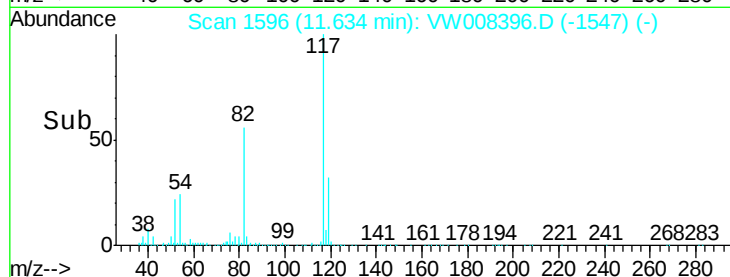
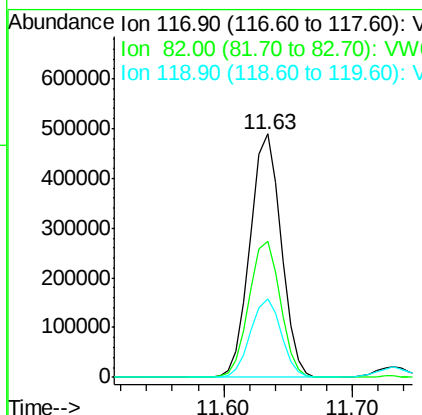
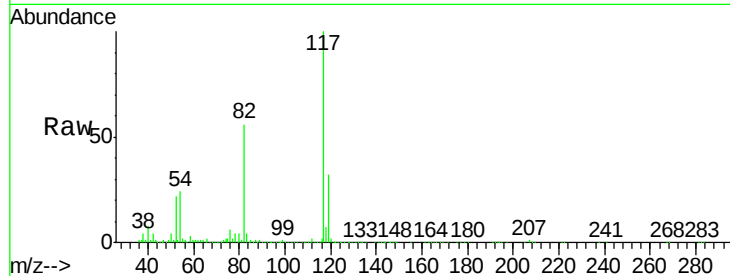
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008396.D
Acq: 24 Jan 2019 14:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
117	100	814579		
82	56.1		45.4	68.0
119	32.4		26.2	39.4

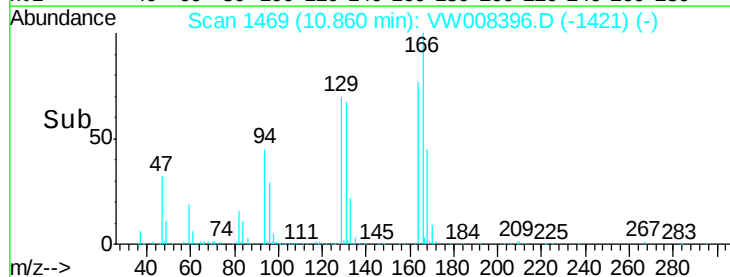
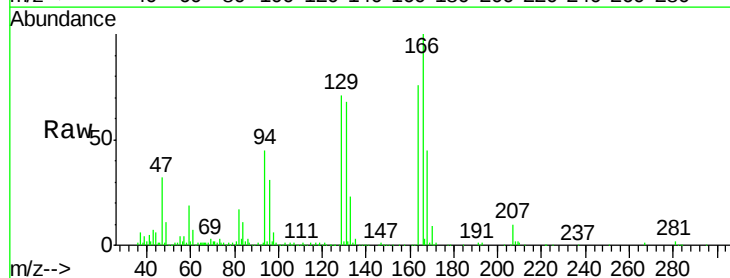
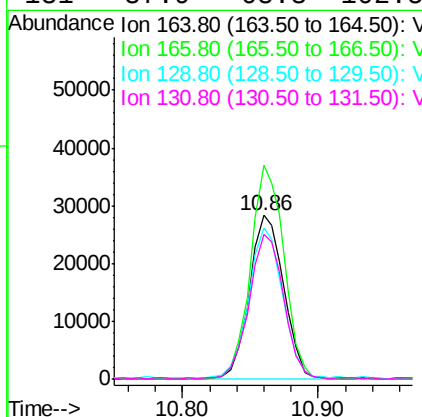
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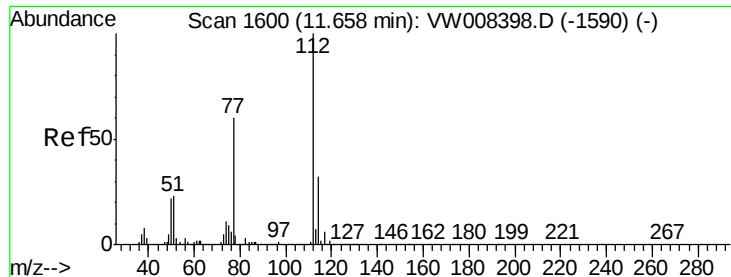
Sam
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#64
Tetrachloroethene
Concen: 8.757 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW008396.D
Acq: 24 Jan 2019 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	50020		
166	130.8		101.4	152.0
129	92.0		71.0	106.6
131	87.9		68.3	102.5





#65

Chlorobenzene

Concen: 8.363 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW008396.D

Acq: 24 Jan 2019 14:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion:112 Resp: 148588

Ion Ratio Lower Upper

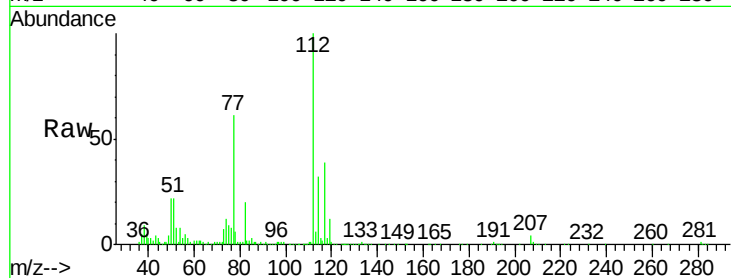
112 100

114 32.5 25.4 38.2

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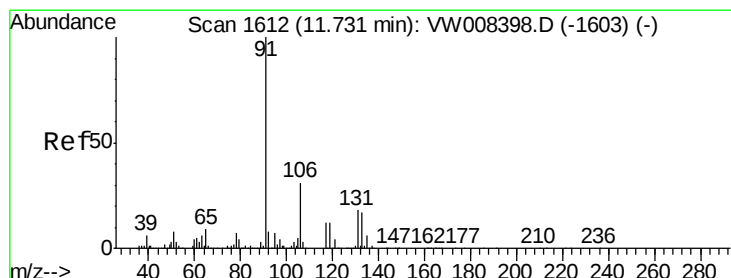
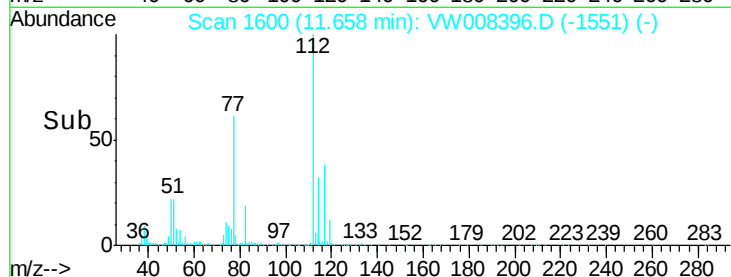
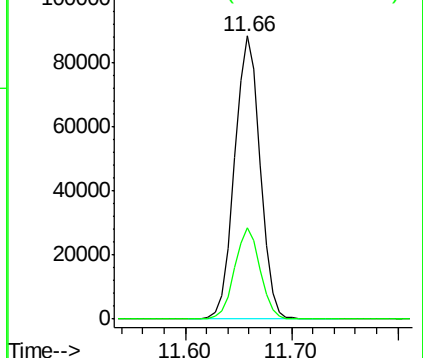
sam

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 8.645 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW008396.D

Acq: 24 Jan 2019 14:50

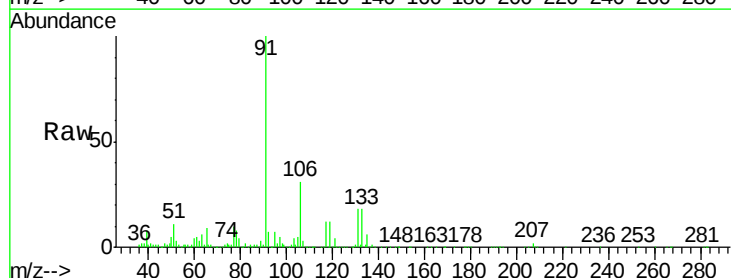
Tgt Ion:131 Resp: 52863

Ion Ratio Lower Upper

131 100

133 95.5 47.0 141.2

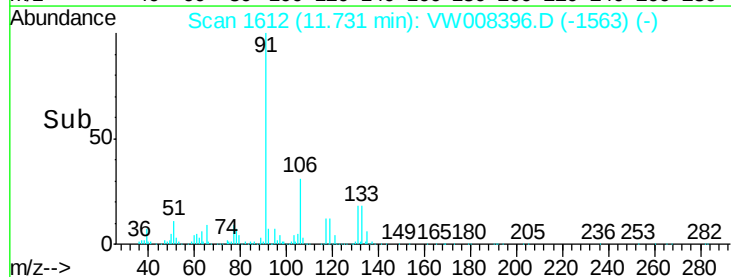
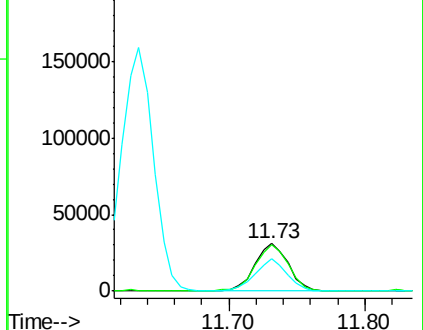
119 63.8 32.1 96.3

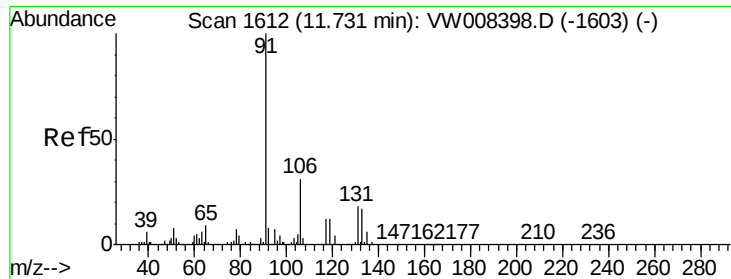


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





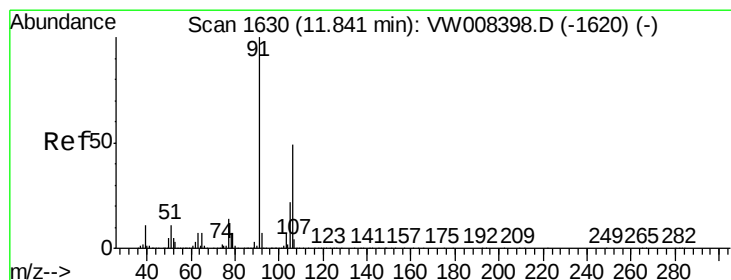
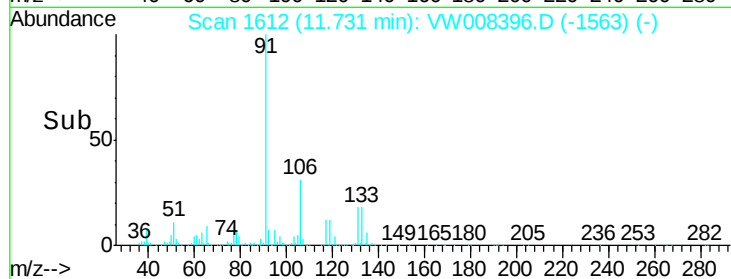
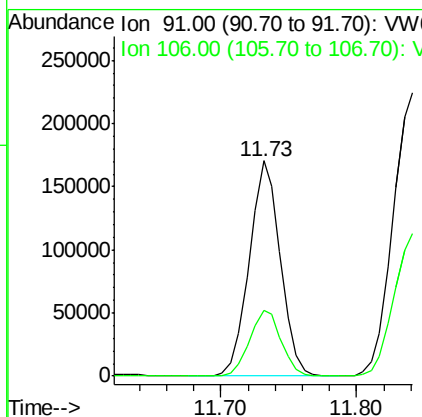
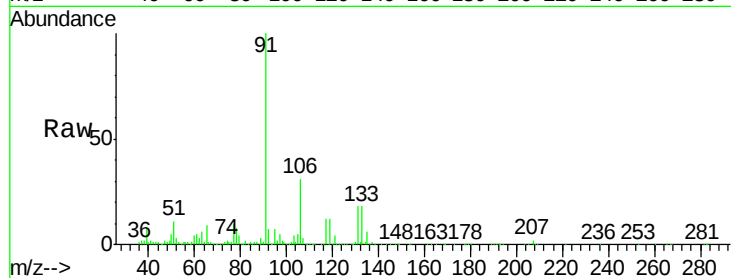
#67
Ethyl Benzene
Concen: 8.819 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008396.D
Acq: 24 Jan 2019 14:50

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion: 91 Resp: 272083
Ion Ratio Lower Upper
91 100
106 30.8 24.7 37.1

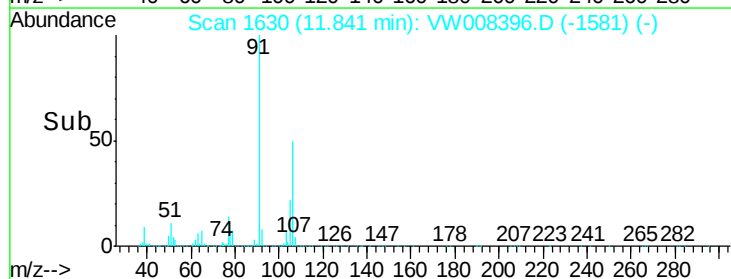
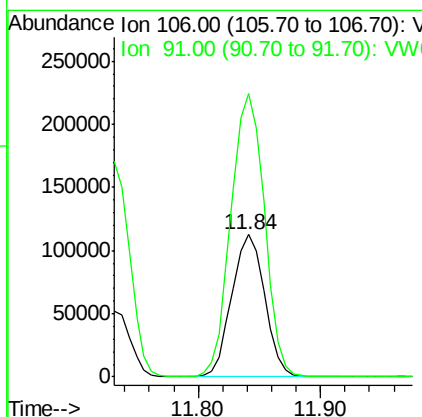
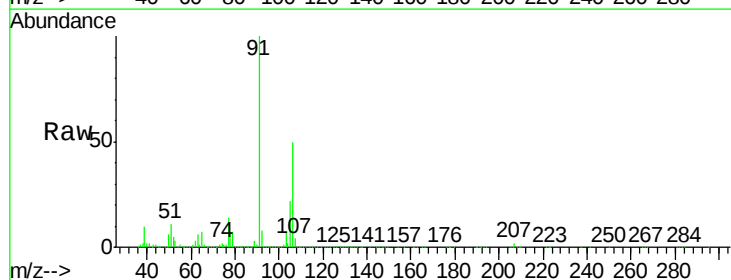
Manual Integrations
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#68
m/p-Xylenes
Concen: 17.529 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW008396.D
Acq: 24 Jan 2019 14:50

Tgt Ion: 106 Resp: 209902
Ion Ratio Lower Upper
106 100
91 202.0 162.9 244.3





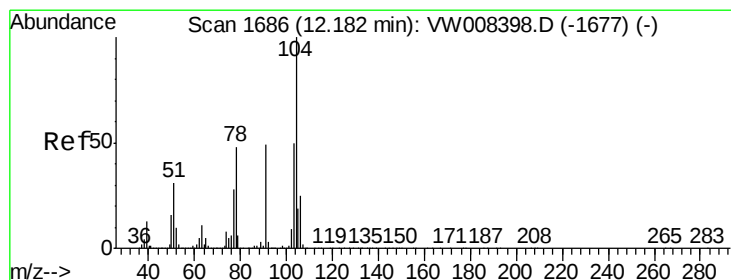
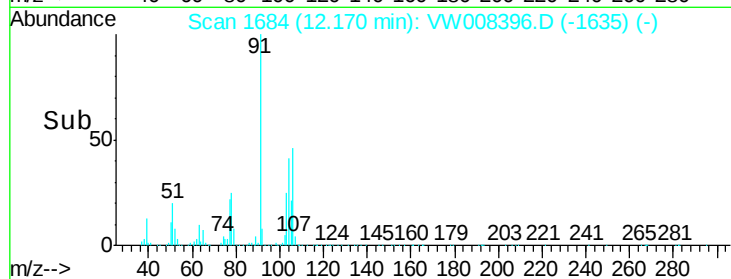
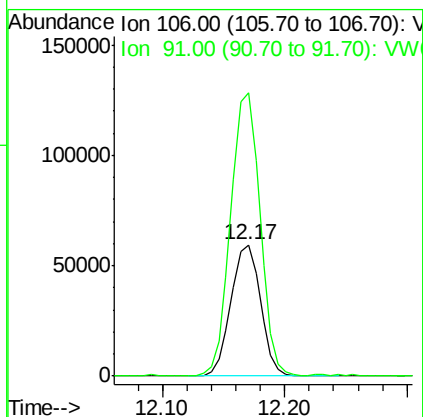
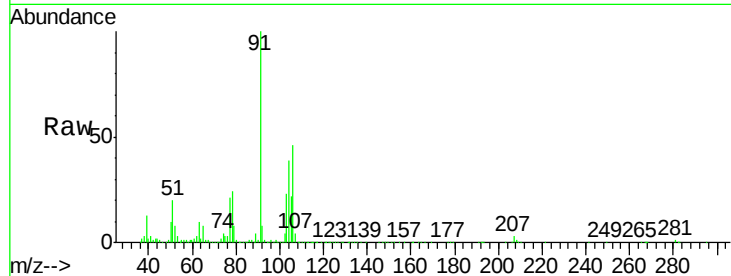
#69
o-Xylene
Concen: 8.919 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW008396.D
Acq: 24 Jan 2019 14:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
106	100		
91	212.2	107.5	322.4

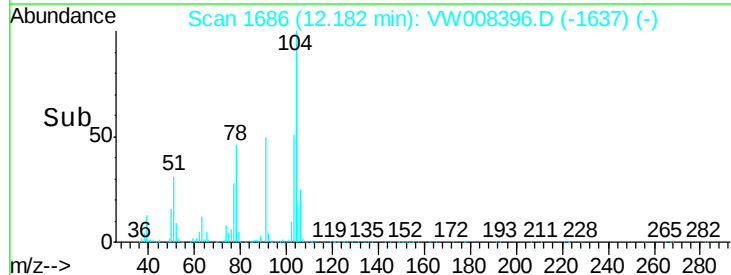
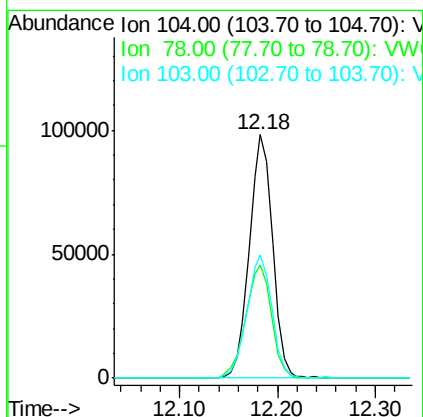
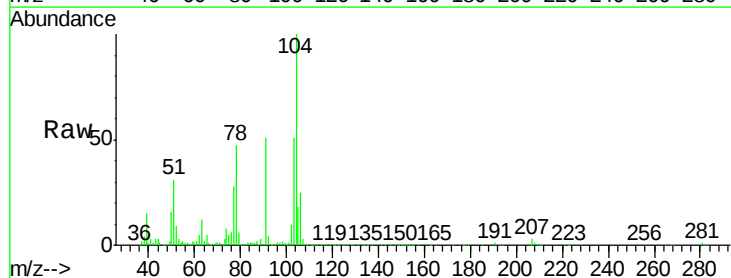
Manual Integrations
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#70
Styrene
Concen: 8.993 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW008396.D
Acq: 24 Jan 2019 14:50

Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.7	42.4	63.6
103	53.7	43.4	65.0





#71

Bromoform

Concen: 9.455 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW008396.D

Acq: 24 Jan 2019 14:50

Instrument :

MSVOA_W

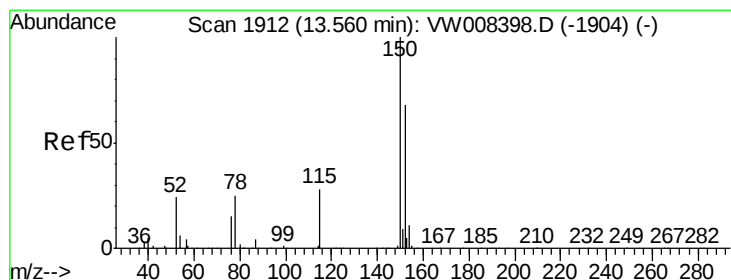
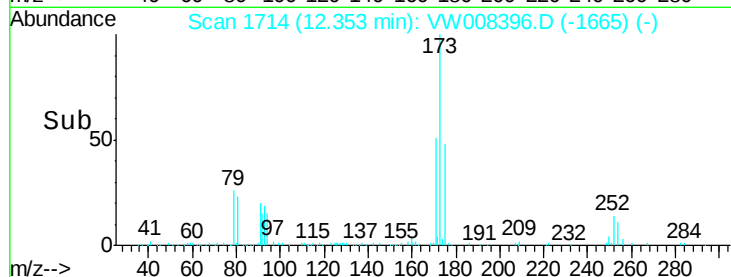
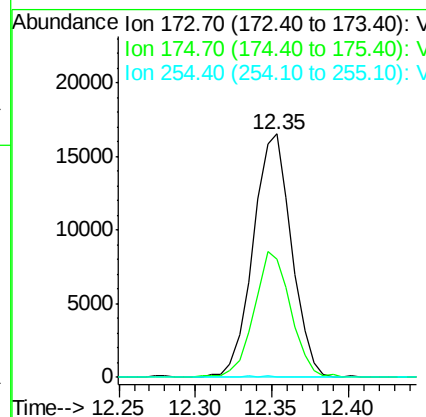
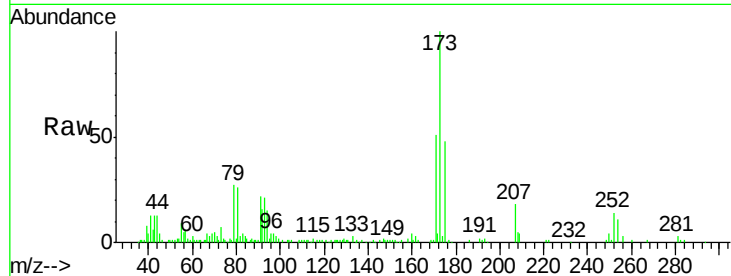
ClientSampleId :

VSTDIC010

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.8	24.4	73.4
254	0.3	0.2	0.2

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

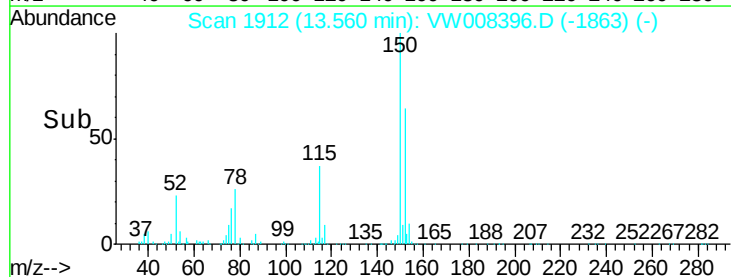
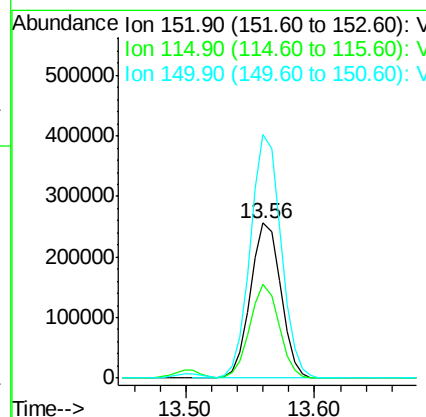
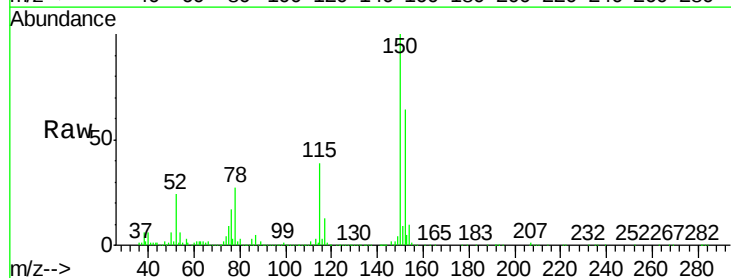
RT: 13.56 min Scan# 1912

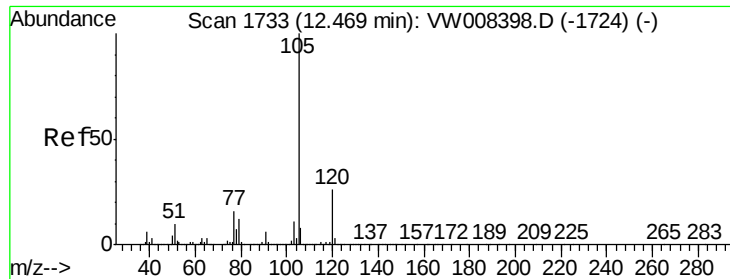
Delta R.T. 0.00 min

Lab File: VW008396.D

Acq: 24 Jan 2019 14:50

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.3	29.9	89.7
150	158.2	0.0	351.4





#73

Isopropylbenzene

Concen: 9.074 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW008396.D

Acq: 24 Jan 2019 14:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 105 Resp: 274883

Ion Ratio Lower Upper

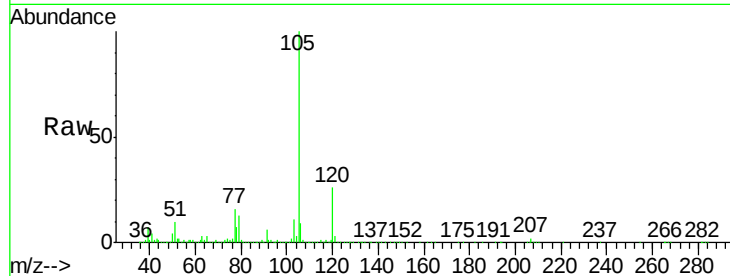
105 100

120 27.0 13.3 39.8

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

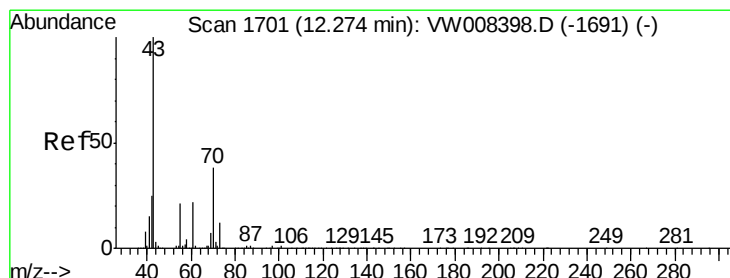
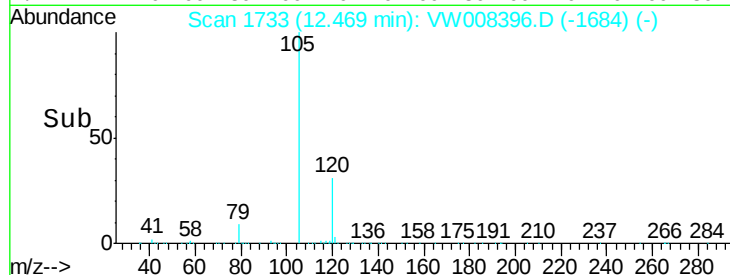
100000

50000

0

12.40 12.50

Time-->



#74

N-ethyl acetate

Concen: 10.545 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW008396.D

Acq: 24 Jan 2019 14:50

Tgt Ion: 43 Resp: 68453

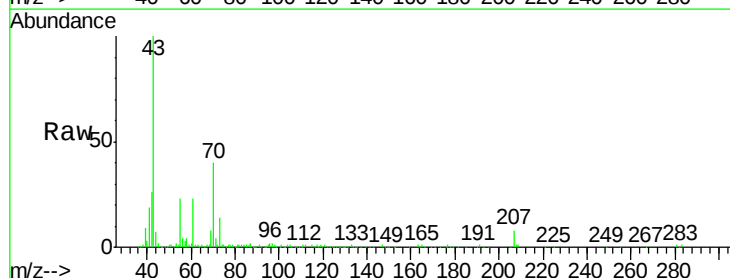
Ion Ratio Lower Upper

43 100

70 39.3 31.0 46.6

55 21.9 17.4 26.2

61 22.2 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV

60000

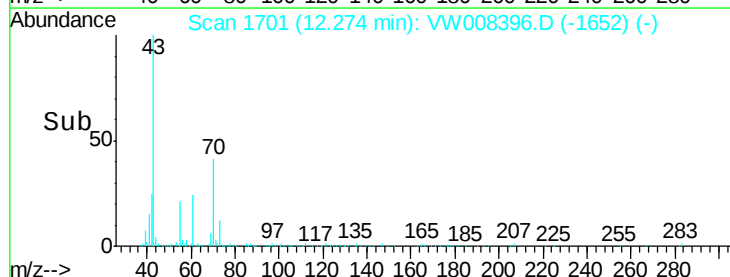
40000

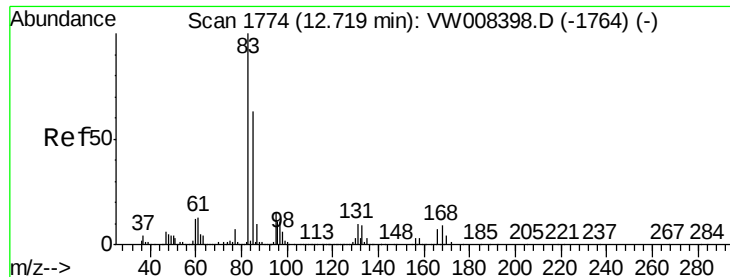
20000

0

12.20 12.25 12.30

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 8.513 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW008396.D

Acq: 24 Jan 2019 14:50

Instrument :

MSVOA_W

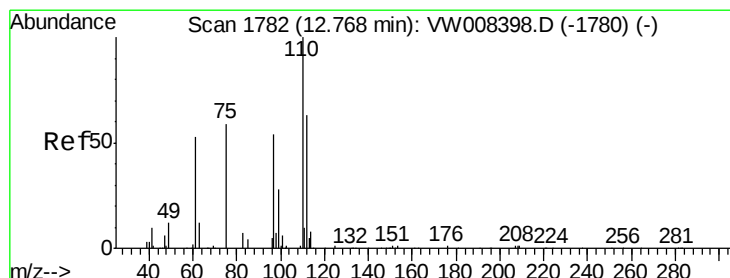
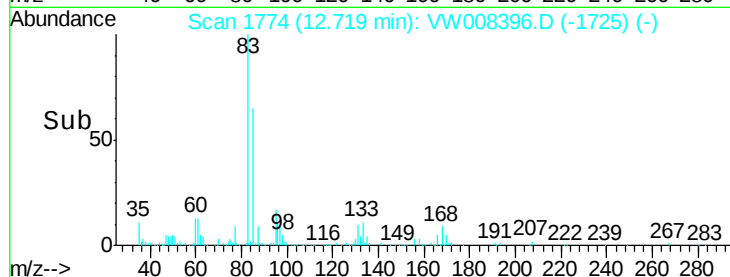
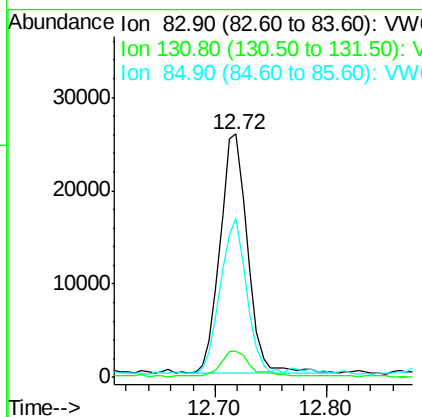
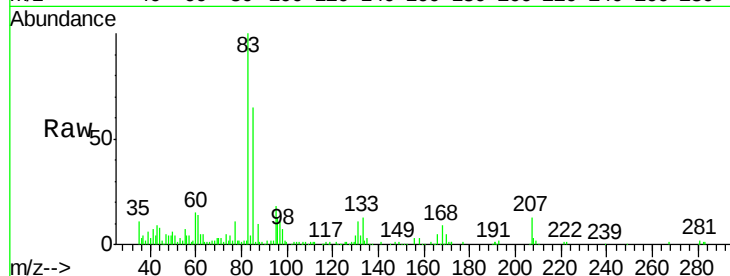
ClientSampleId :

VSTDIC010

Tot Ion:	83	Resp:	43861
Ion Ratio	Lower	Upper	
83	100		
131	12.0	5.5	16.4
85	61.5	31.9	95.5

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#76

1,2,3-Trichloropropane

Concen: 8.362 ug/l m

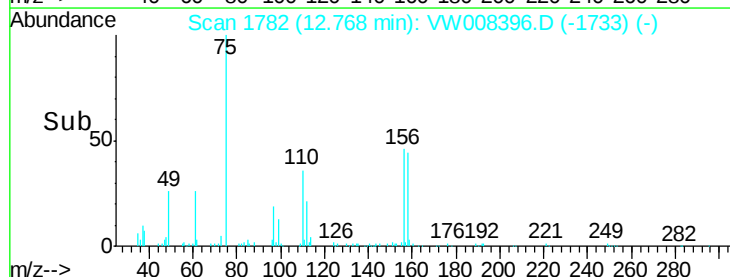
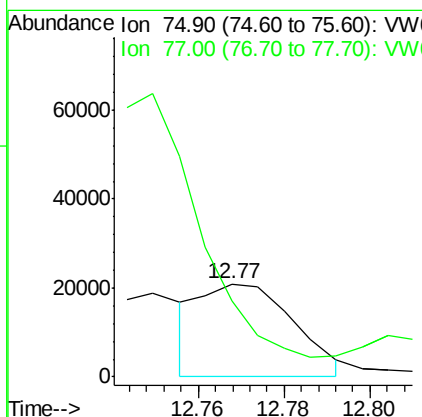
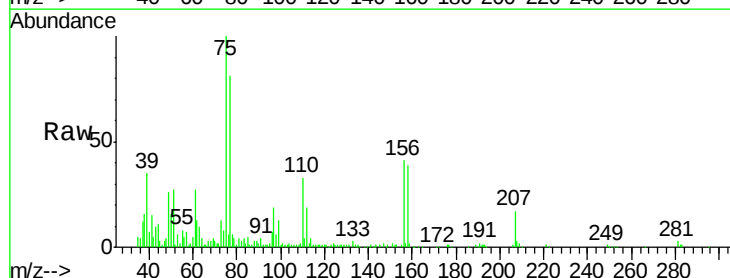
RT: 12.77 min Scan# 1782

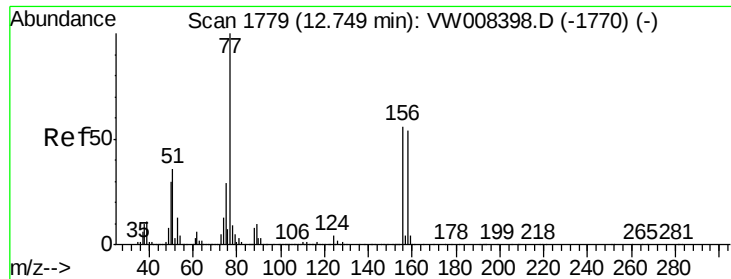
Delta R.T. 0.00 min

Lab File: VW008396.D

Acq: 24 Jan 2019 14:50

Tgt Ion:	75	Resp:	31660
Ion Ratio	Lower	Upper	
75	100		
77	357.1	180.7	542.1





#77

Bromobenzene

Concen: 8.256 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW008396.D

Acq: 24 Jan 2019 14:50

Instrument :

MSVOA_W

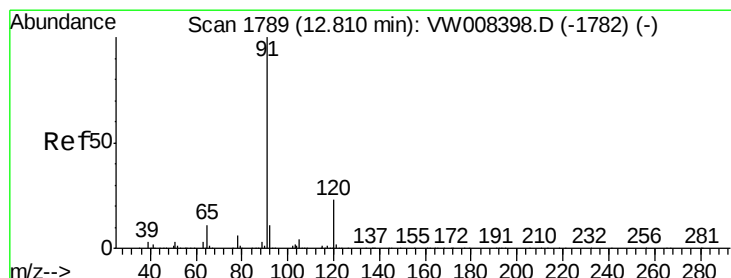
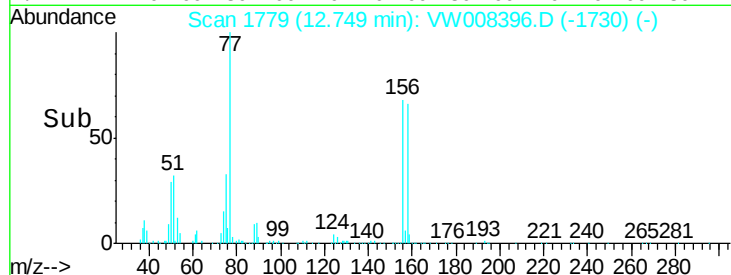
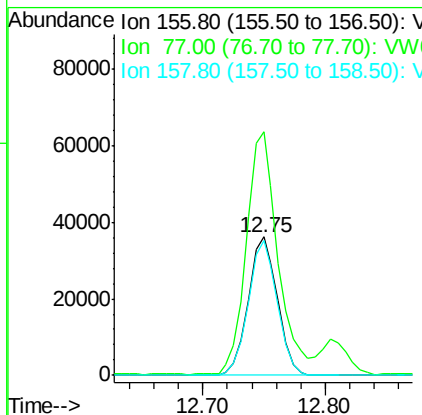
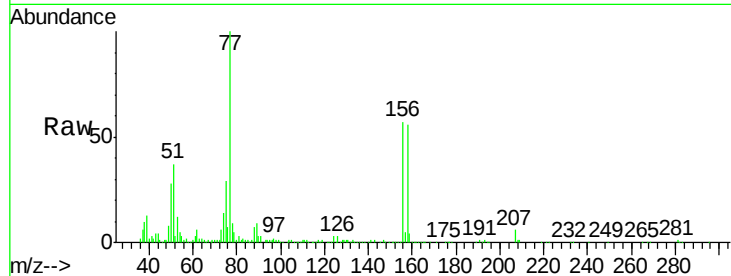
ClientSampleId :

VSTDIC010

Tot Ion	Ratio	Lower	Upper
156	100		
77	188.2	96.9	290.7
158	96.1	48.8	146.4

Manual Integrations
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#78

n-propylbenzene

Concen: 9.011 ug/l

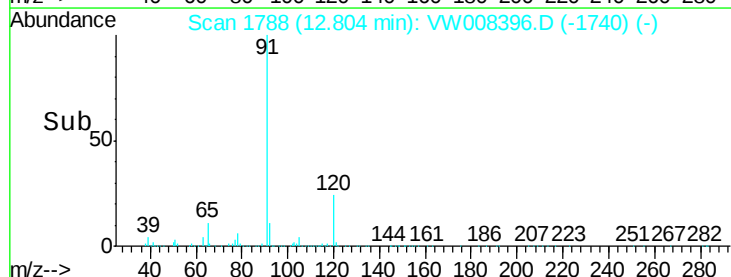
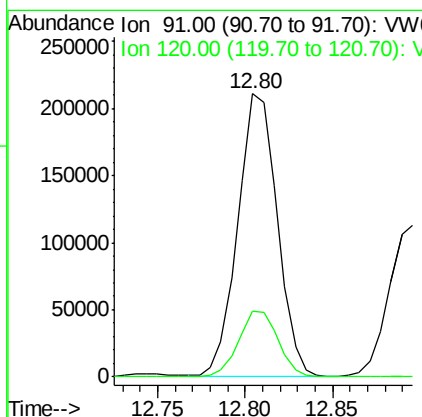
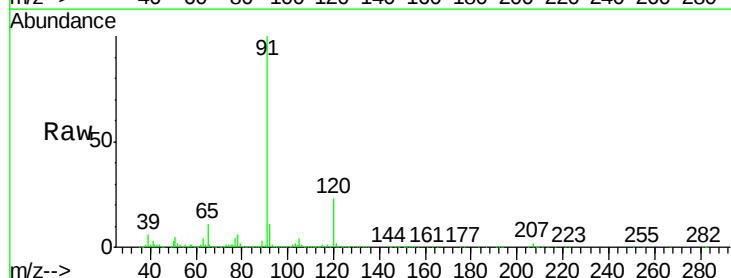
RT: 12.80 min Scan# 1788

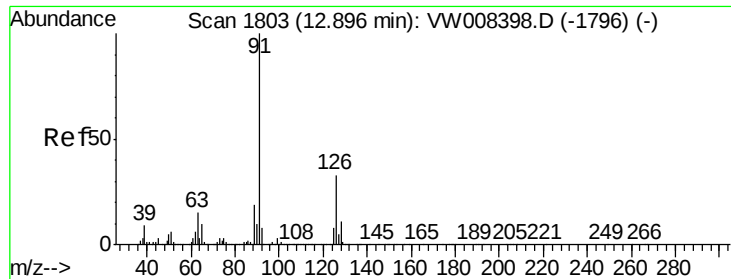
Delta R.T. -0.01 min

Lab File: VW008396.D

Acq: 24 Jan 2019 14:50

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.4	11.4	34.1





#79

2-Chlorotoluene

Concen: 8.801 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW008396.D

Acq: 24 Jan 2019 14:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 91 Resp: 184365

Ion Ratio Lower Upper

91 100

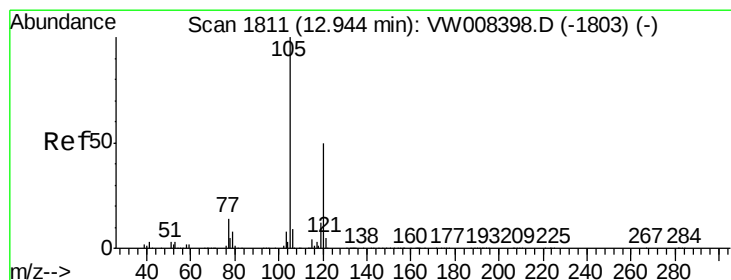
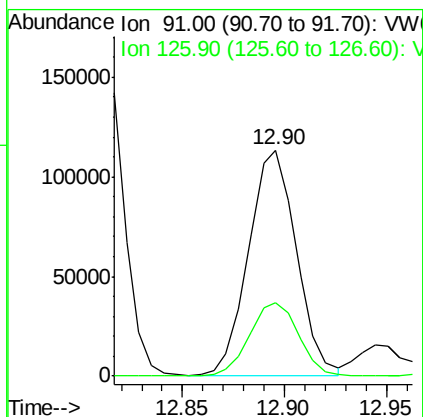
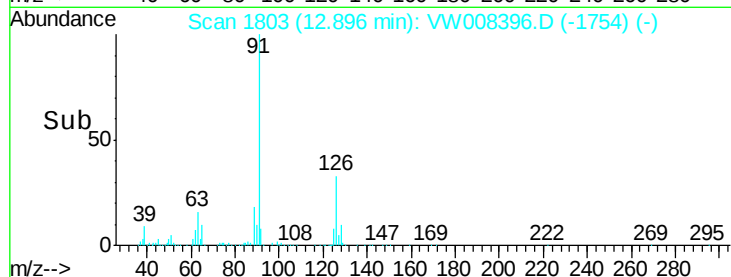
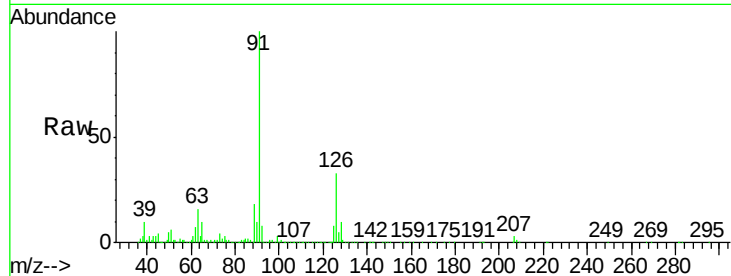
126 33.4 16.5 49.5

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 8.998 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW008396.D

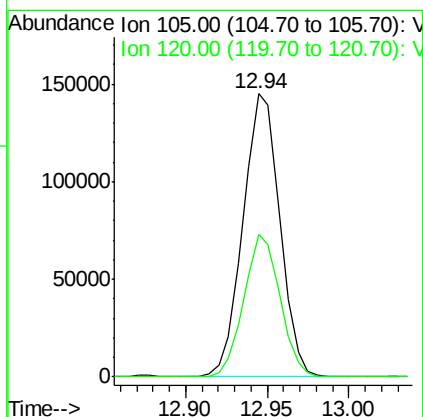
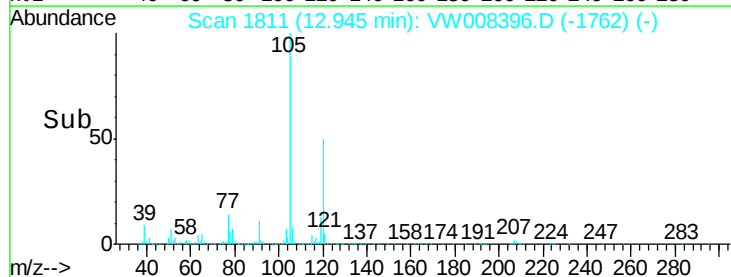
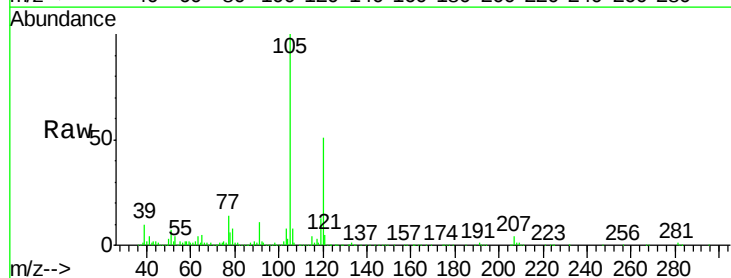
Acq: 24 Jan 2019 14:50

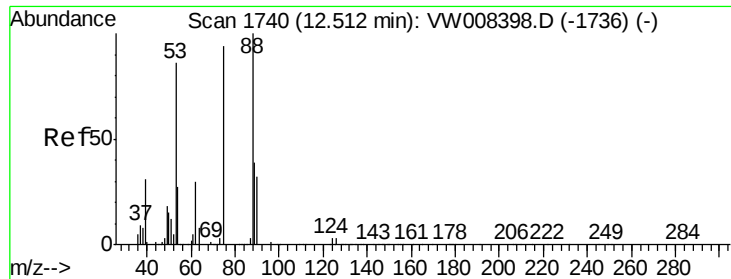
Tgt Ion: 105 Resp: 227459

Ion Ratio Lower Upper

105 100

120 49.6 24.6 73.8





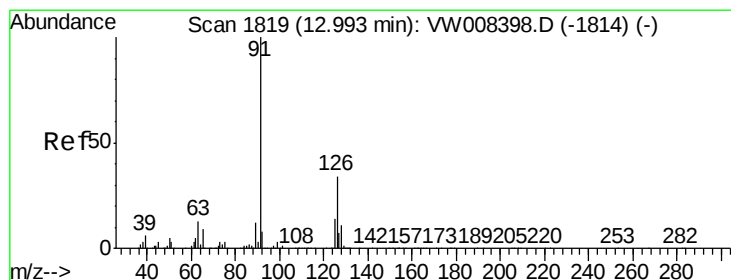
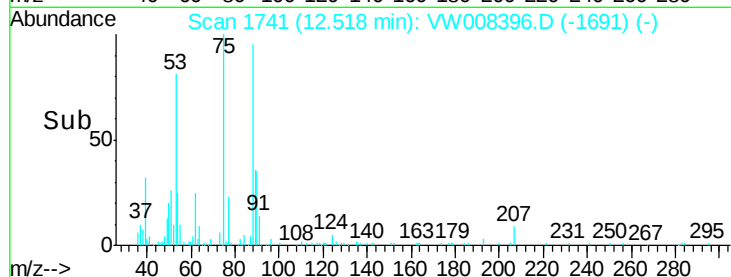
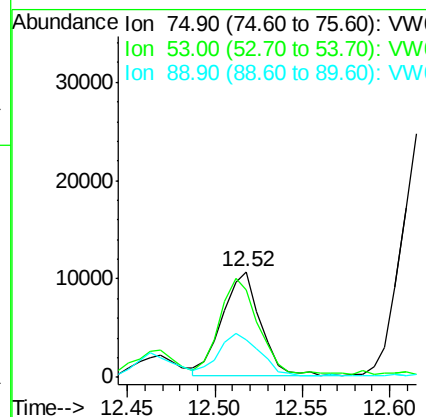
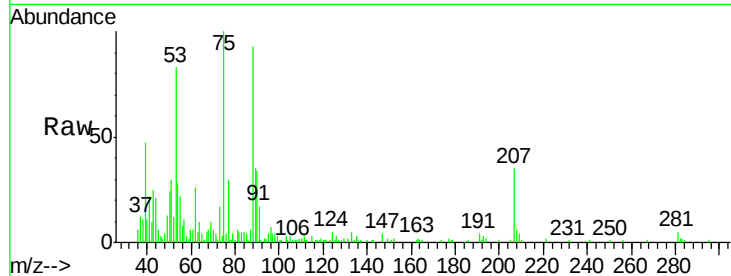
#81
trans-1,4-Dichloro-2-butene
Concen: 10.059 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.01 min
Lab File: VW008396.D
Acq: 24 Jan 2019 14:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
75	100		
53	95.0	76.0	114.0
89	44.1	35.4	53.0

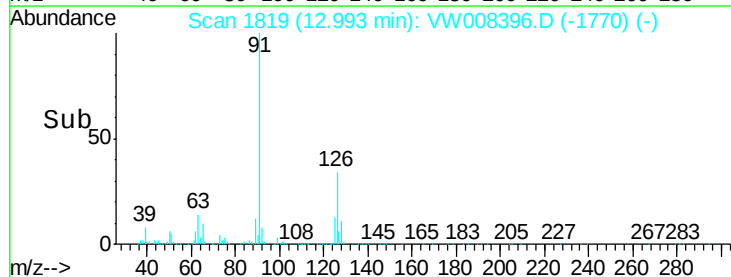
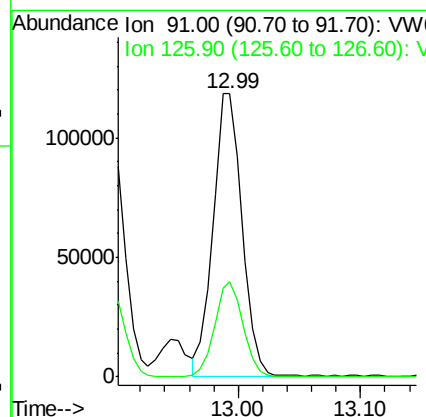
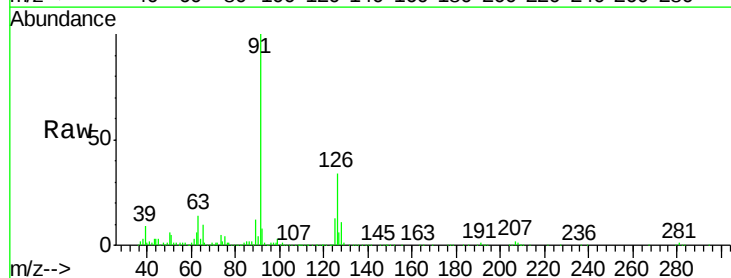
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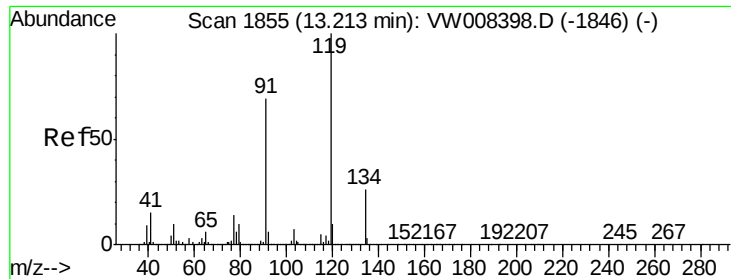
sam
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#82
4-Chlorotoluene
Concen: 8.908 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW008396.D
Acq: 24 Jan 2019 14:50

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.9	16.4	49.2





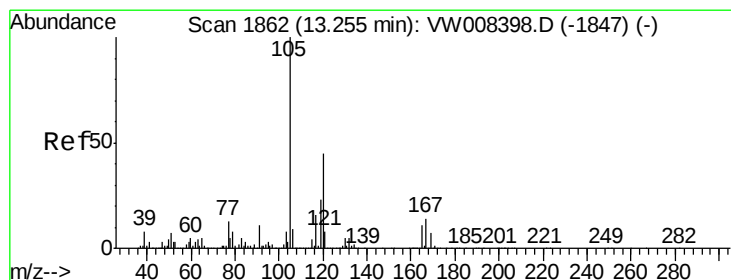
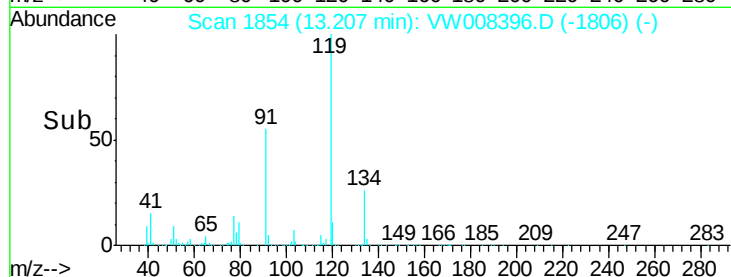
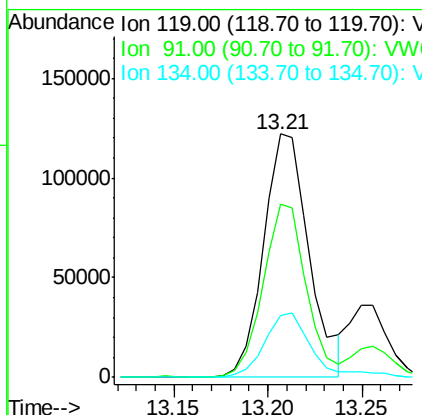
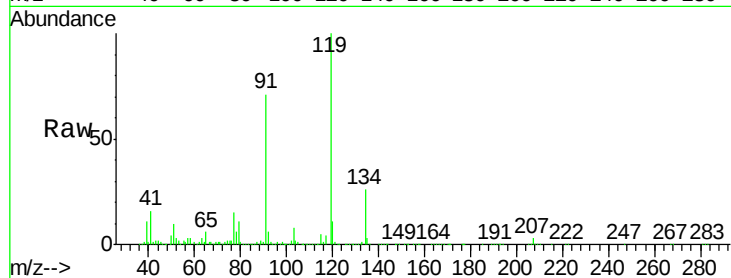
#83
tert-Butylbenzene
Concen: 9.154 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.01 min
Lab File: VW008396.D
Acq: 24 Jan 2019 14:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.9	33.8	101.4
134	27.5	13.5	40.4

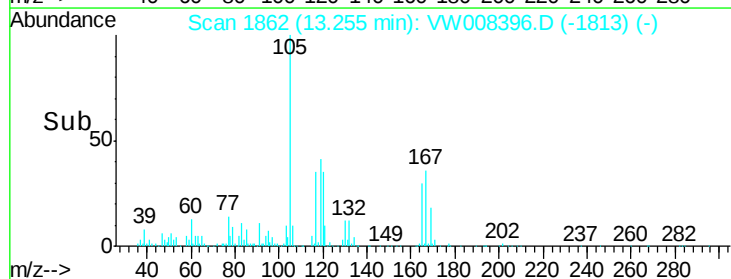
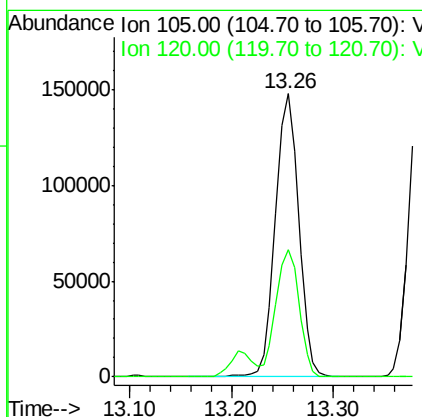
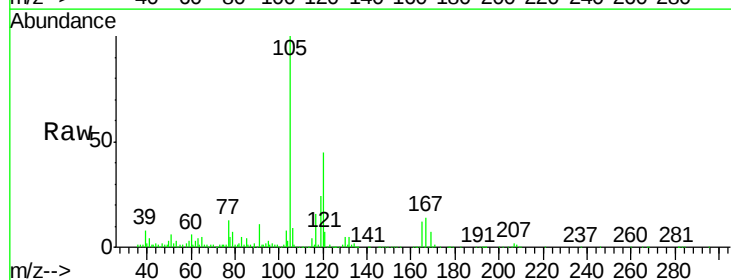
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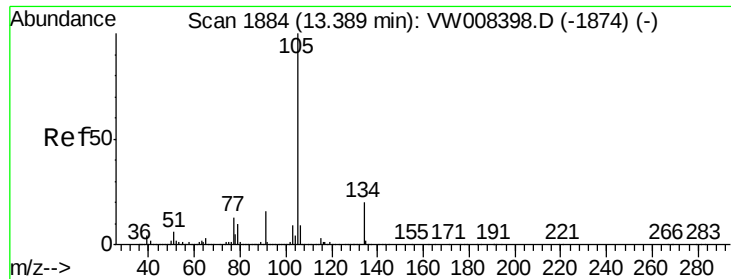
sam
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#84
1,2,4-Trimethylbenzene
Concen: 9.011 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW008396.D
Acq: 24 Jan 2019 14:50

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.4	23.1	69.2





#85

sec-Butylbenzene

Concen: 9.237 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW008396.D

Acq: 24 Jan 2019 14:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion:105 Resp: 295058

Ion Ratio Lower Upper

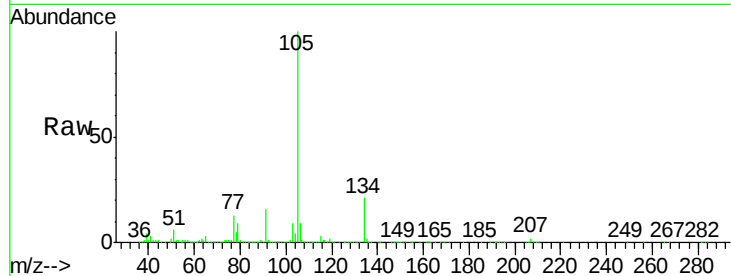
105 100

134 20.4 10.2 30.6

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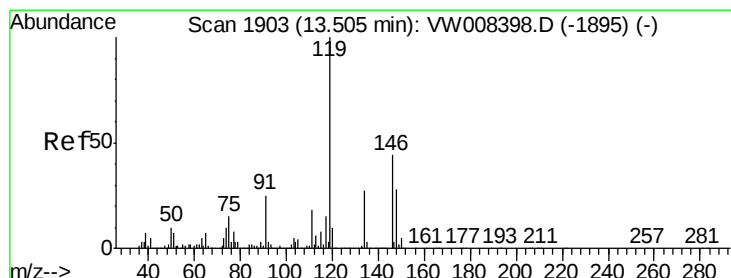
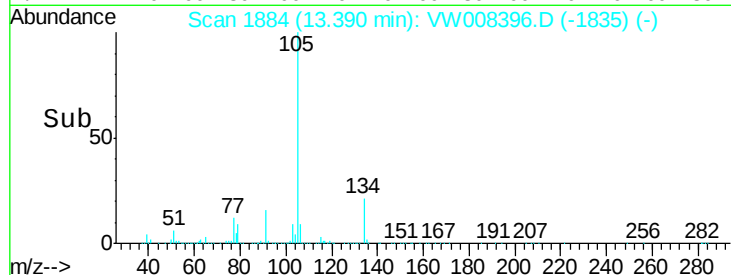
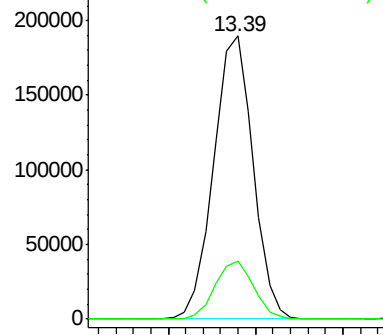
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 9.195 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW008396.D

Acq: 24 Jan 2019 14:50

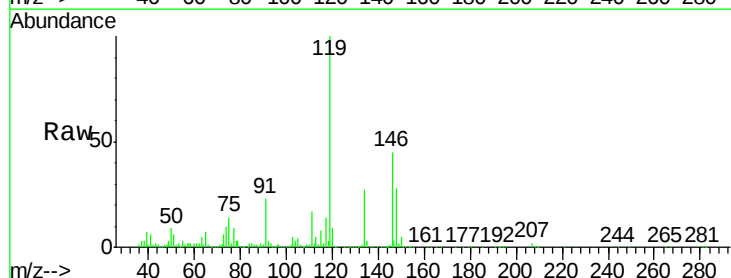
Tgt Ion:119 Resp: 256554

Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.2

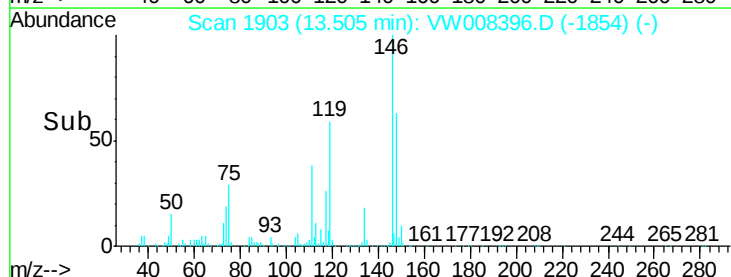
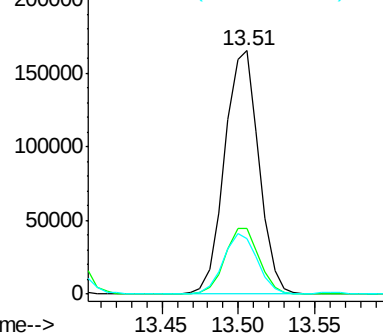
91 24.4 12.6 37.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 8.453 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW008396.D

Acq: 24 Jan 2019 14:50

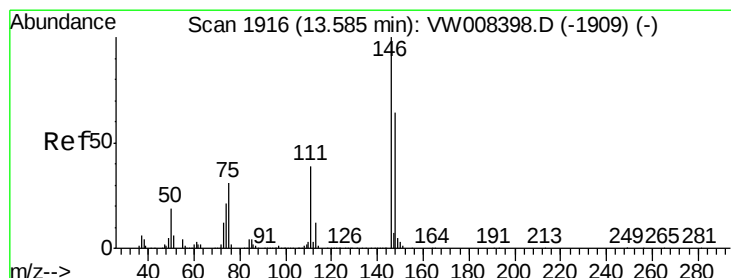
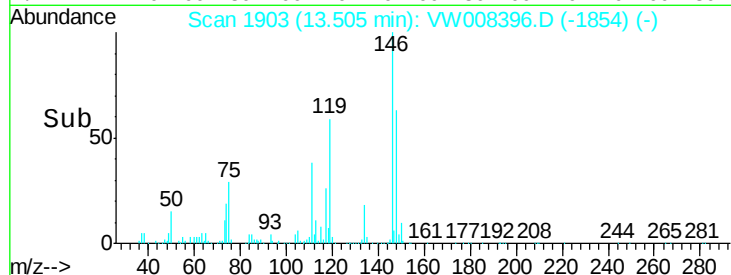
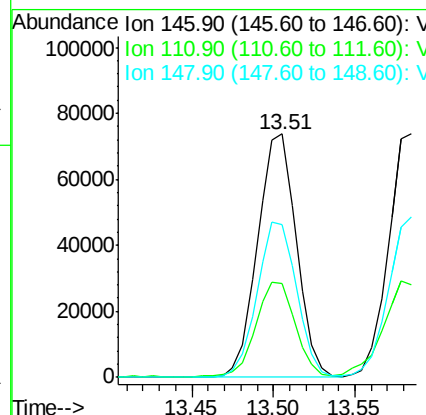
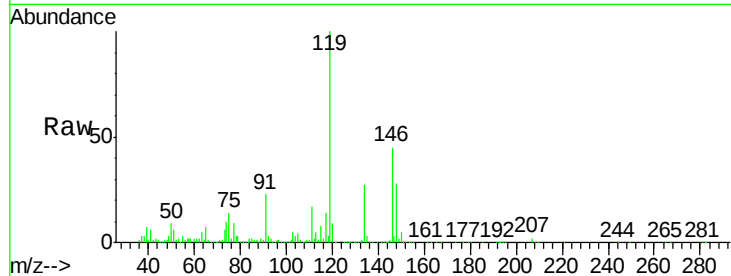
Instrument :
MSVOA_W

ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Resp Lower	Resp Upper
146	100		
111	39.4	20.3	60.9
148	65.0	31.9	95.7

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 8.357 ug/l

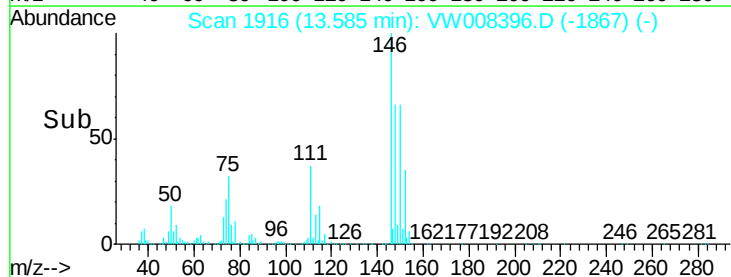
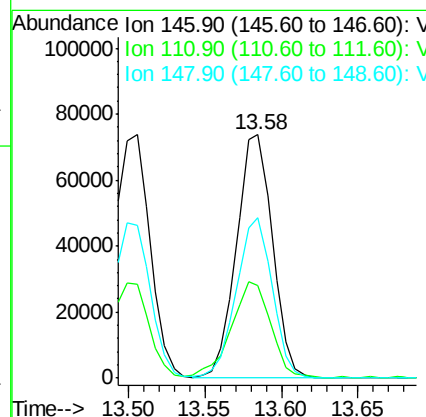
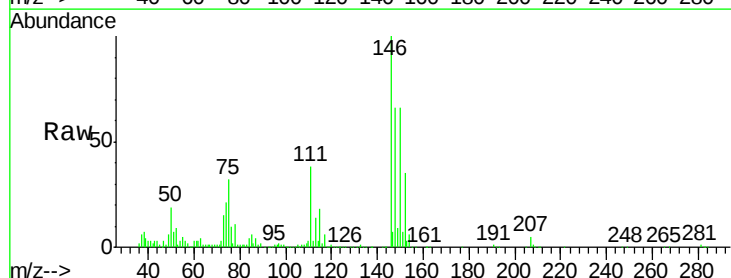
RT: 13.58 min Scan# 1916

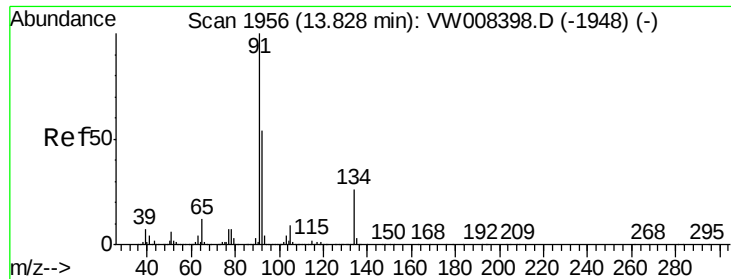
Delta R.T. 0.00 min

Lab File: VW008396.D

Acq: 24 Jan 2019 14:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
111	42.4	20.0	60.0
148	65.4	32.0	96.2





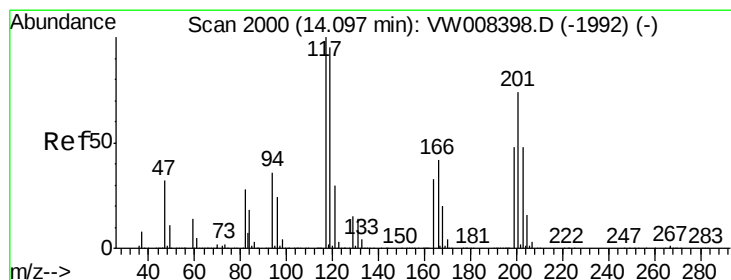
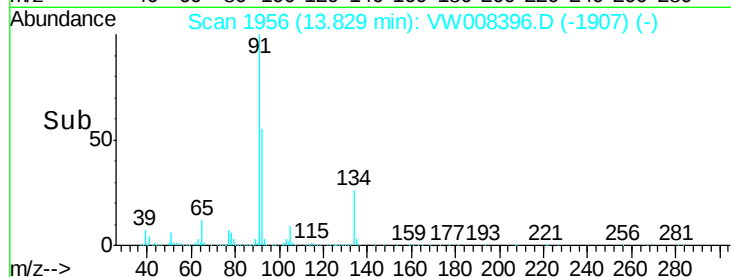
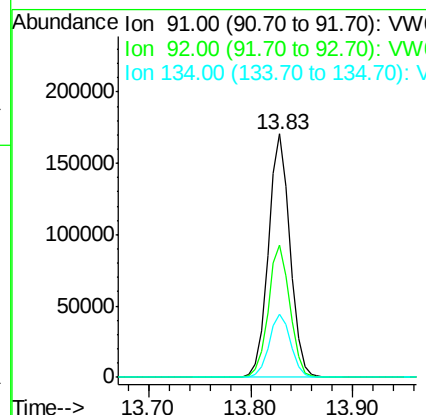
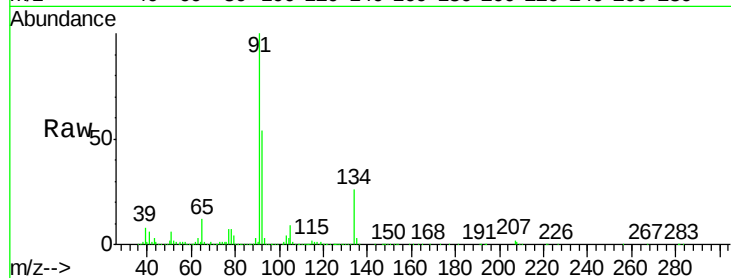
#89
n-Butylbenzene
Concen: 9.311 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW008396.D
Acq: 24 Jan 2019 14:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.8	27.4	82.2
134	25.9	13.0	39.0

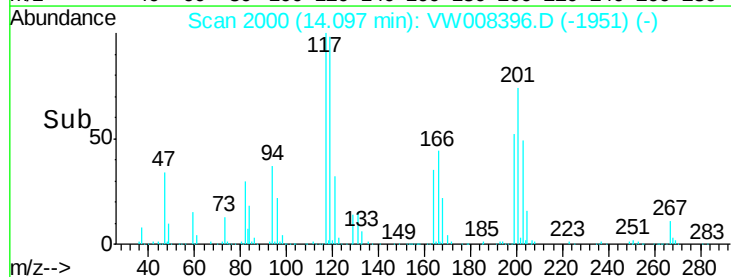
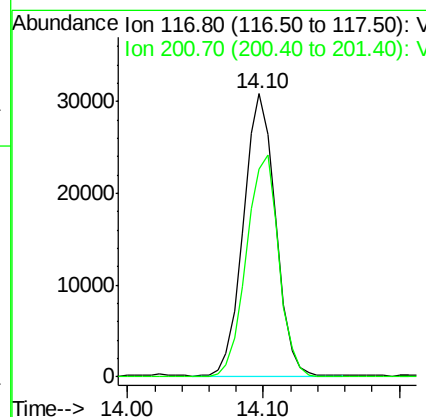
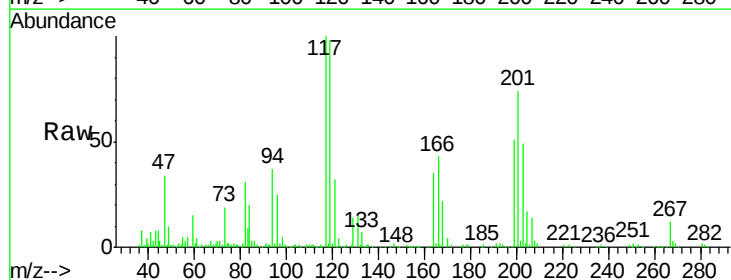
Manual Integrations
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#90
Hexachloroethane
Concen: 9.801 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW008396.D
Acq: 24 Jan 2019 14:50

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.4	39.1	117.5





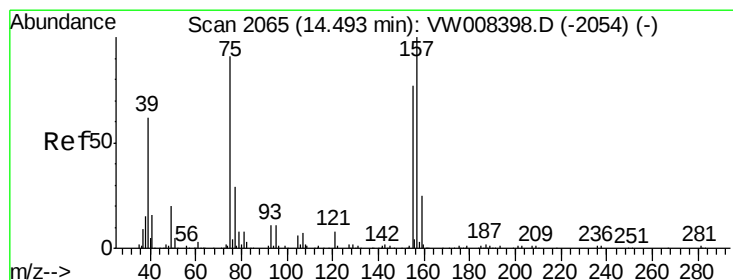
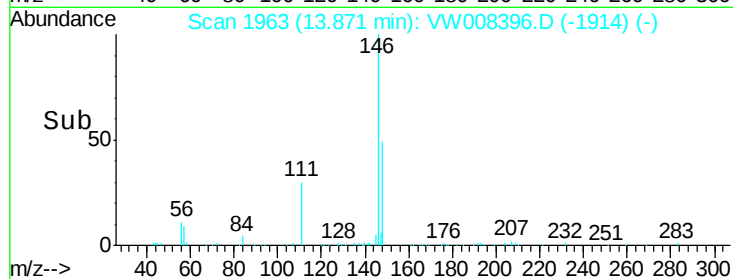
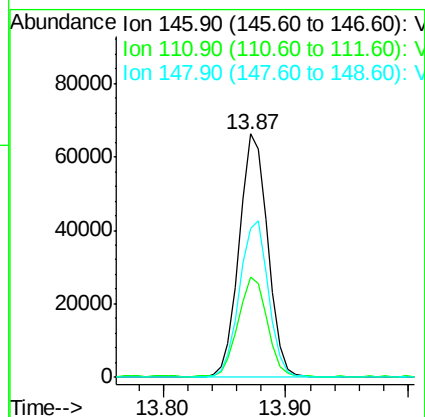
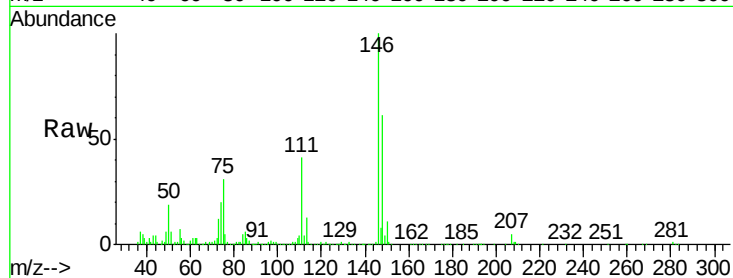
#91
 1,2-Dichlorobenzene
 Concen: 8.388 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW008396.D
 Acq: 24 Jan 2019 14:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	21.1	63.3
148	64.3	31.9	95.5

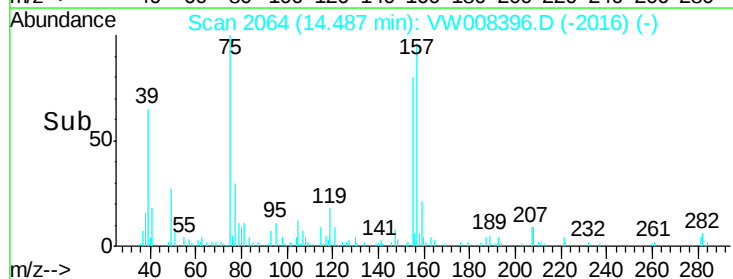
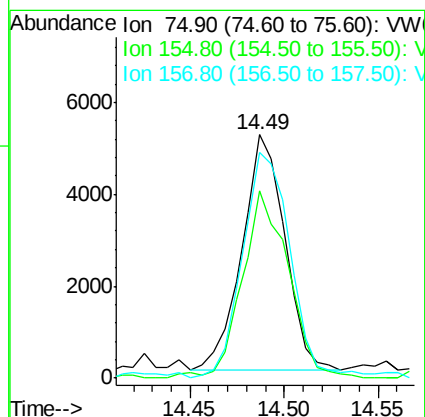
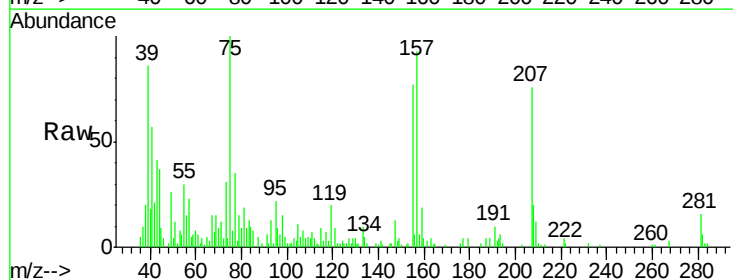
Manual Integrations
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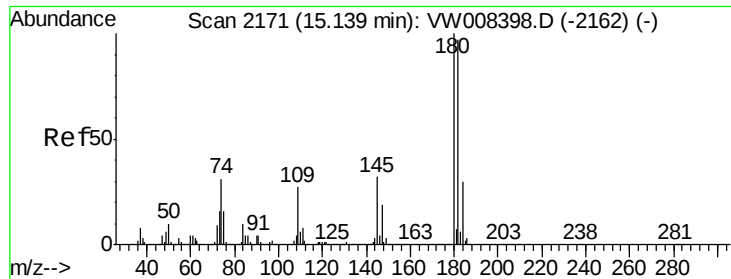
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 9.676 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: VW008396.D
 Acq: 24 Jan 2019 14:50

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.2	42.7	128.1
157	105.8	55.5	166.3





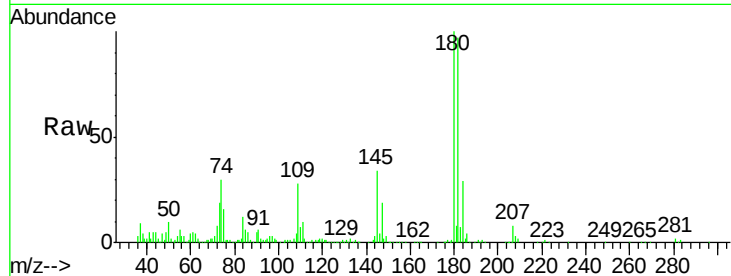
#93
 1,2,4-Trichlorobenzene
 Concen: 8.907 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW008396.D
 Acq: 24 Jan 2019 14:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

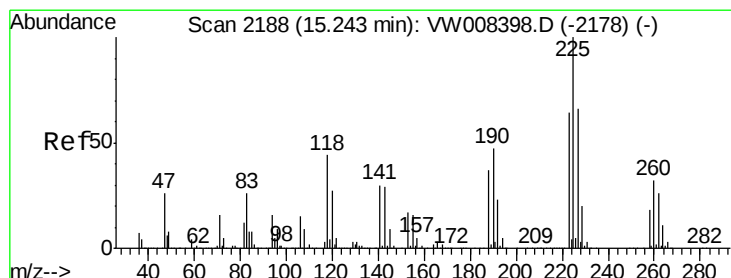
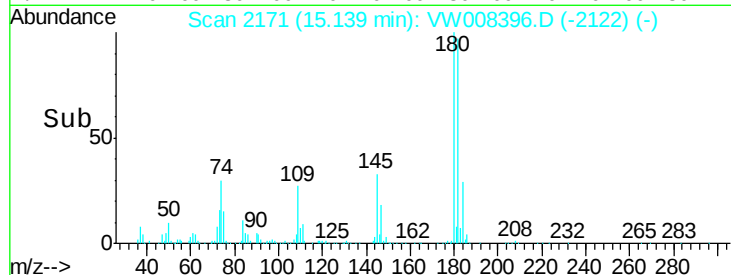
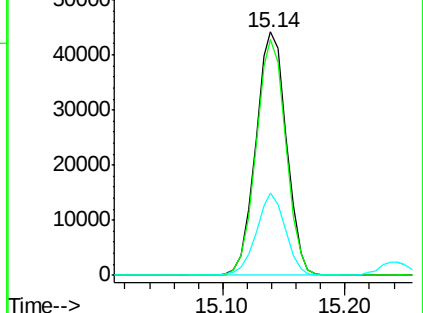
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.9	143.7
145	32.3	15.5	46.5

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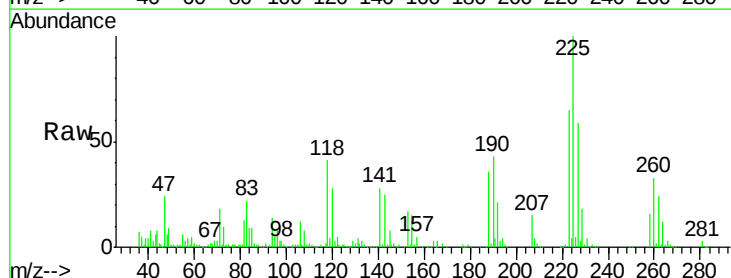


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

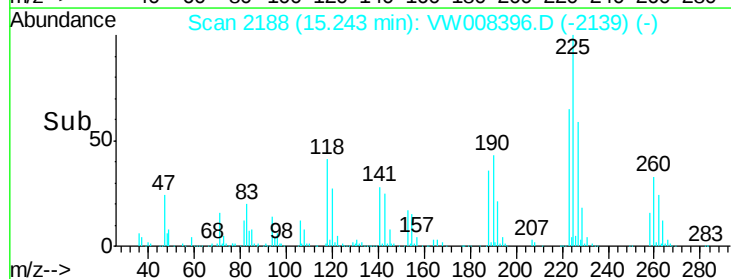
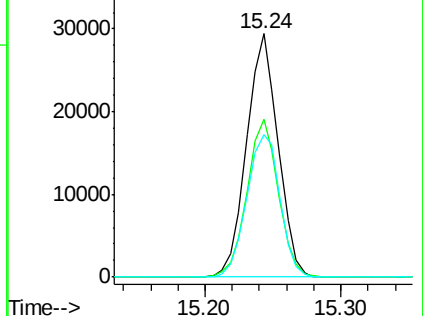


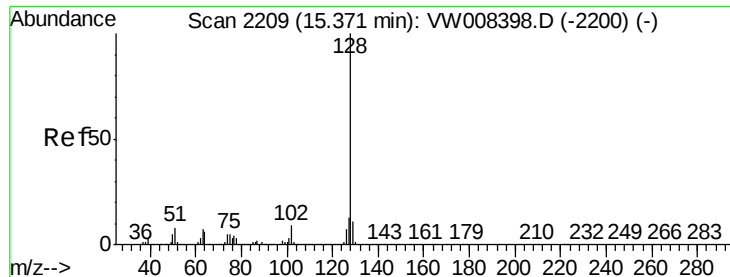
#94
 Hexachlorobutadiene
 Concen: 9.799 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW008396.D
 Acq: 24 Jan 2019 14:50

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.9	31.7	95.1
227	61.8	32.1	96.3



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





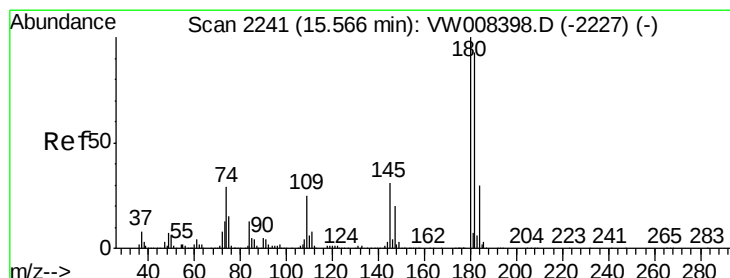
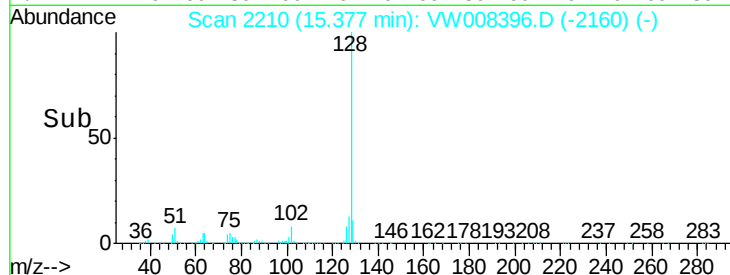
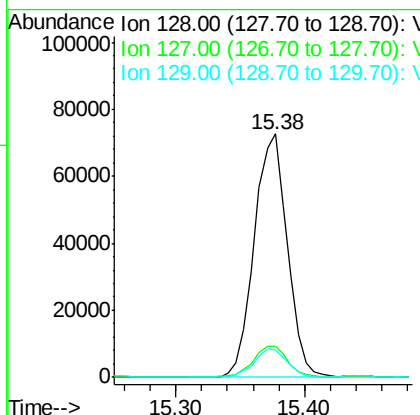
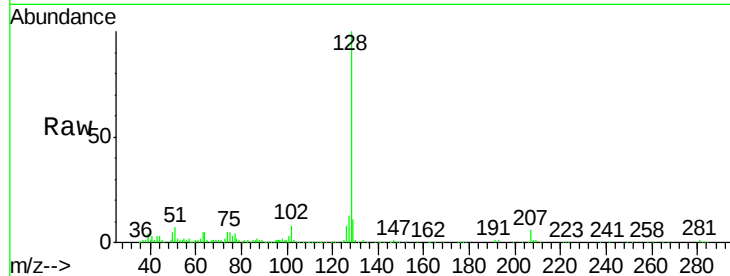
#95
Naphthalene
Concen: 8.874 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VW008396.D
Acq: 24 Jan 2019 14:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
128	100	128121		
127	13.3	10.6	15.8	
129	11.5	8.7	13.1	

Manual Integrations
APPROVED

sam
1/25/2019 1:42:52 PM



#96
1,2,3-Trichlorobenzene
Concen: 8.394 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW008396.D
Acq: 24 Jan 2019 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	63175		
182	96.1	47.0	141.2	
145	34.3	15.9	47.6	

