

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012419\
 Data File : VW008400.D
 Acq On : 24 Jan 2019 16:59
 Operator : SY/VA
 Sample : VSTDIC150
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

sam
 1/25/2019 1:43:57 PM

Quant Time: Jan 25 10:57:48 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	555071	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	897662	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	818616	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	417346	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	900629	155.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	311.96%	
35) Dibromofluoromethane	7.88	113	830618	144.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	289.92%	
50) Toluene-d8	10.32	98	3426567	152.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	304.44%	
62) 4-Bromofluorobenzene	12.62	95	1330696	164.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	329.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	500212	143.020	ug/l	99
3) Chloromethane	2.21	50	784756	153.065	ug/l	99
4) Vinyl Chloride	2.37	62	942929	143.941	ug/l	99
5) Bromomethane	2.77	94	640626	129.043	ug/l	97
6) Chloroethane	2.92	64	608483	141.911	ug/l	95
7) Trichlorofluoromethane	3.25	101	816209	169.693	ug/l	99
8) Diethyl Ether	3.67	74	458021	137.322	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	833899	148.913	ug/l	99
10) Methyl Iodide	4.26	142	1318727	146.014	ug/l	100
11) Tert butyl alcohol	5.17	59	344821	886.962	ug/l	98
12) 1,1-Dichloroethene	4.03	96	835443	146.686	ug/l	94
13) Acrolein	3.89	56	294214	834.597	ug/l	96
14) Allyl chloride	4.66	41	1655449	173.865	ug/l	99
15) Acrylonitrile	5.36	53	1036804	809.220	ug/l	99
16) Acetone	4.12	43	967230	721.310	ug/l	98
17) Carbon Disulfide	4.37	76	2708173	156.265	ug/l	99
18) Methyl Acetate	4.67	43	555735	155.148	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	1351507	155.015	ug/l	99
20) Methylene Chloride	4.90	84	865165	121.501	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	956850	149.582	ug/l	99
22) Diisopropyl ether	6.31	45	3190715	171.644	ug/l	99
23) Vinyl Acetate	6.25	43	9585687	964.677	ug/l	100
24) 1,1-Dichloroethane	6.21	63	1774461	156.775	ug/l	99
25) 2-Butanone	7.17	43	1436702	836.519	ug/l	99
26) 2,2-Dichloropropane	7.17	77	1091991	151.182	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	1047632	151.160	ug/l	99
28) Bromochloromethane	7.51	49	745302	159.828	ug/l	96
29) Tetrahydrofuran	7.52	42	941388	879.225	ug/l	99
30) Chloroform	7.67	83	1732357	154.693	ug/l	99
31) Cyclohexane	7.95	56	1665595	154.449	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	1455111	154.824	ug/l	100
36) 1,1-Dichloropropene	8.08	75	1410237	156.151	ug/l	100
37) Ethyl Acetate	7.25	43	636198	170.825	ug/l	100
38) Carbon Tetrachloride	8.07	117	1400409	157.032	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	1832368	170.569	ug/l	98
40) Benzene	8.32	78	3934608	153.799	ug/l	99
41) Methacrylonitrile	7.48	41	394721	182.064	ug/l	94
42) 1,2-Dichloroethane	8.40	62	1144838	160.037	ug/l	99
43) Isopropyl Acetate	8.43	43	1321026	187.782	ug/l	99
44) Trichloroethene	9.09	130	1043845	148.931	ug/l	98
45) 1,2-Dichloropropane	9.37	63	985633	155.103	ug/l	98
46) Dibromomethane	9.46	93	507027	153.088	ug/l	98
47) Bromodichloromethane	9.64	83	1338809	163.877	ug/l	100
48) Methyl methacrylate	9.43	41	649136	196.012	ug/l	98
49) 1,4-Dioxane	9.45	88	164200	3079.708	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	3294452	924.846	ug/l	100
52) Toluene	10.39	92	2661663	164.404	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	1451441	178.008	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	1625279	169.088	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	707642	154.044	ug/l	98
56) Ethyl methacrylate	10.65	69	1019736	189.016	ug/l	99
57) 1,3-Dichloropropane	10.93	76	1251925	156.958	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	2311016	888.070	ug/l	99
59) 2-Hexanone	10.97	43	2339766	937.454	ug/l	99
60) Dibromochloromethane	11.13	129	902856	164.679	ug/l	99
61) 1,2-Dibromoethane	11.24	107	693437	155.887	ug/l	100
64) Tetrachloroethene	10.86	164	894635	155.860	ug/l	96
65) Chlorobenzene	11.66	112	2789609	156.229	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	1004898	163.517	ug/l	100
67) Ethyl Benzene	11.73	91	5132607	165.549	ug/l	99
68) m/p-Xylenes	11.84	106	3984227	331.084	ug/l	100
69) o-Xylene	12.17	106	1930395	171.700	ug/l	99
70) Styrene	12.18	104	3235909	179.186	ug/l	99
71) Bromoform	12.35	173	572527	187.012	ug/l #	100
73) Isopropylbenzene	12.47	105	5292629	174.049	ug/l	99
74) N-amyl acetate	12.27	43	1430142	219.456	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	839930	162.388	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	624404m	164.292	ug/l	
77) Bromobenzene	12.75	156	1130430	154.765	ug/l	97
78) n-propylbenzene	12.81	91	6248697	169.772	ug/l	100
79) 2-Chlorotoluene	12.90	91	3600996	171.235	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	4387341	172.897	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	325070	204.115	ug/l	97
82) 4-Chlorotoluene	12.99	91	3861636	175.725	ug/l	99
83) tert-Butylbenzene	13.21	119	3854095	172.565	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	4377313	169.335	ug/l	99
85) sec-Butylbenzene	13.39	105	5467439	170.501	ug/l	100
86) p-Isopropyltoluene	13.51	119	4731202	168.926	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	2227813	153.508	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	2224767	153.015	ug/l	100
89) n-Butylbenzene	13.83	91	4713926	175.465	ug/l	100
90) Hexachloroethane	14.10	117	922601	178.001	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	2011063	156.952	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	149228	176.443	ug/l	97

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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)
93) 1,2,4-Trichlorobenzene	15.14	180	1390053	160.259	ug/l	99
94) Hexachlorobutadiene	15.24	225	809238	165.543	ug/l	99
95) Naphthalene	15.37	128	2509614	173.149	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	1186243	157.013	ug/l	99

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

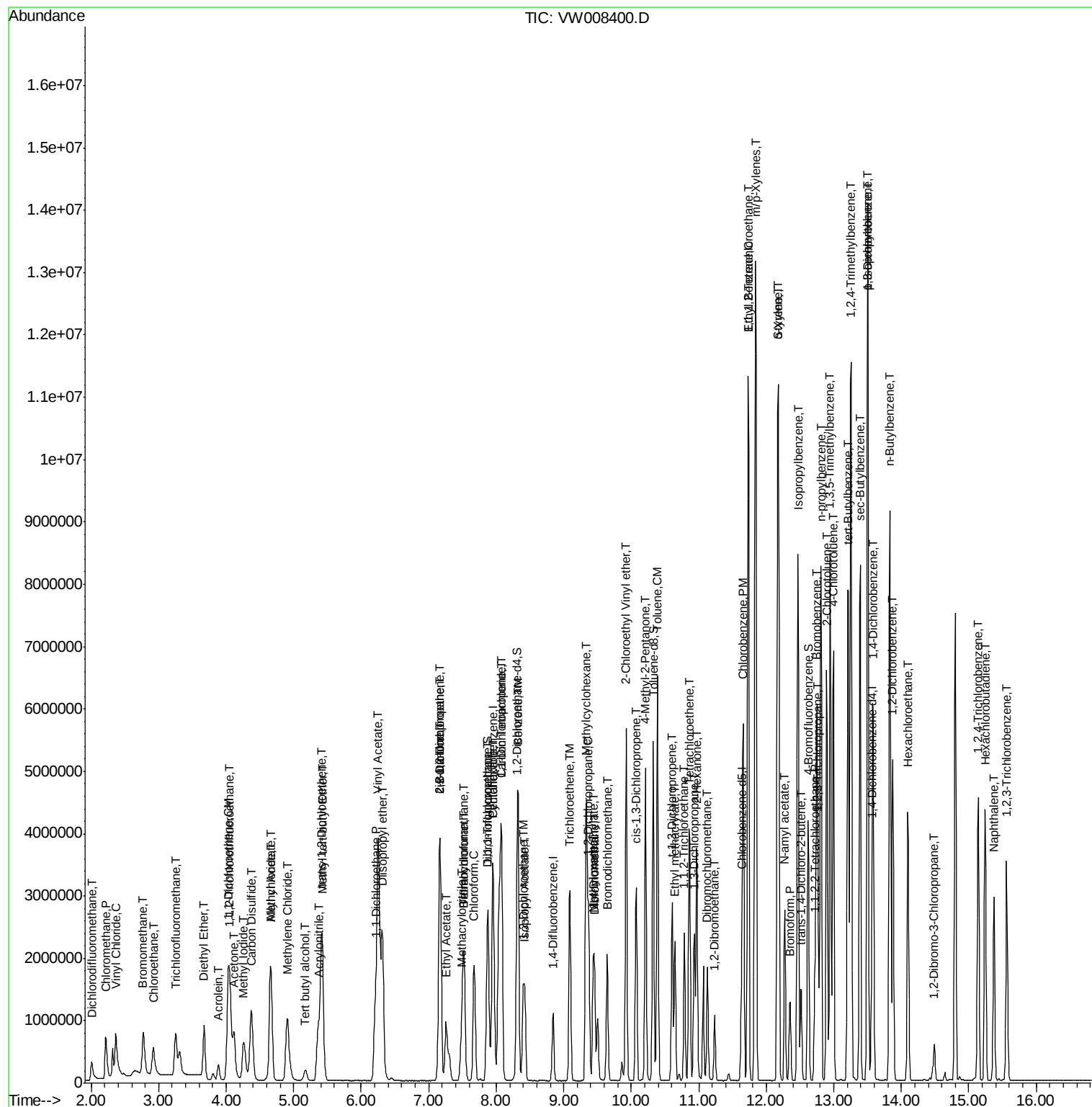
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 Data File : VW008400.D
 Acq On : 24 Jan 2019 16:59
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Instrument :
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 Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008400.D

Acq: 24 Jan 2019 16:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion:168 Resp: 555071

Ion Ratio Lower Upper

168 100

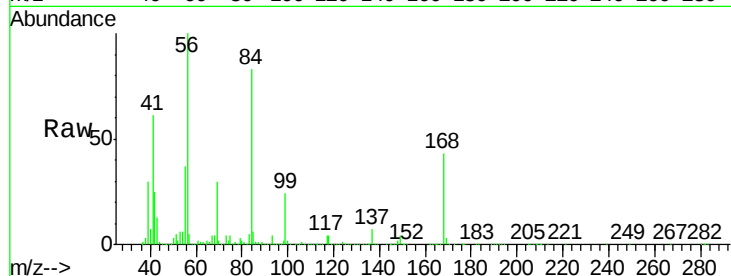
99 56.1 45.5 68.3

Manual Integrations

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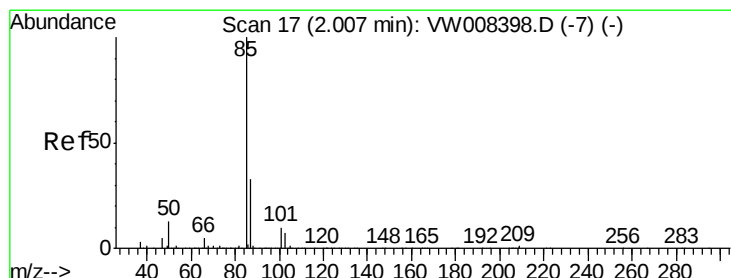
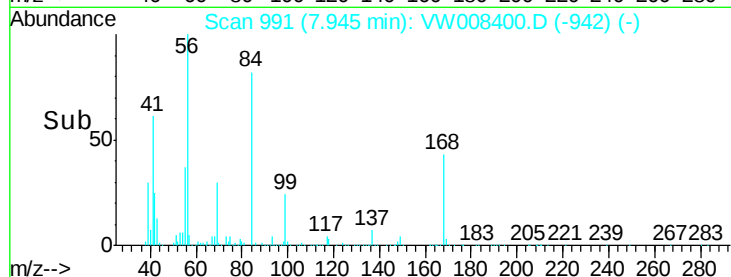
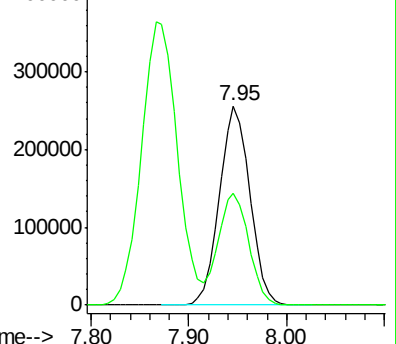
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 143.020 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW008400.D

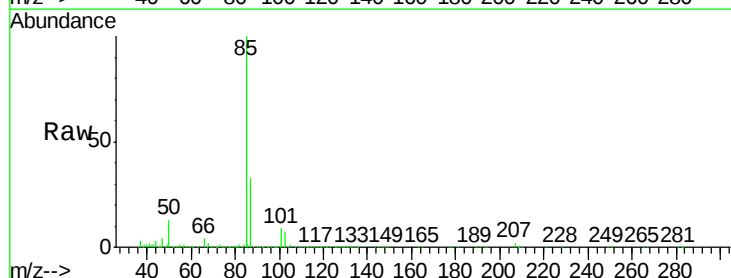
Acq: 24 Jan 2019 16:59

Tgt Ion: 85 Resp: 500212

Ion Ratio Lower Upper

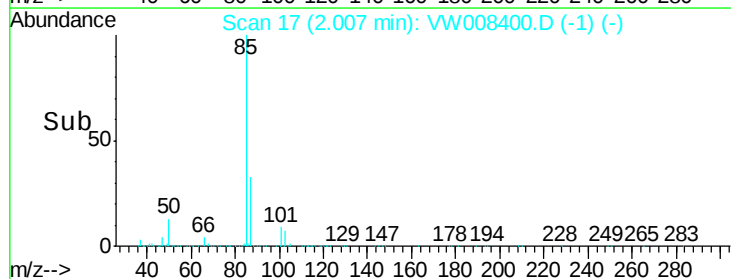
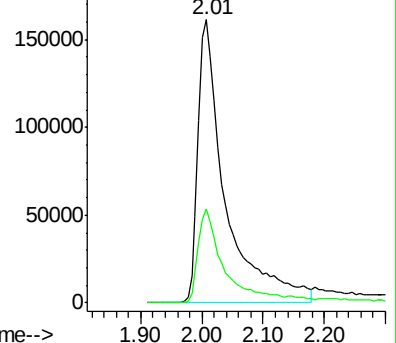
85 100

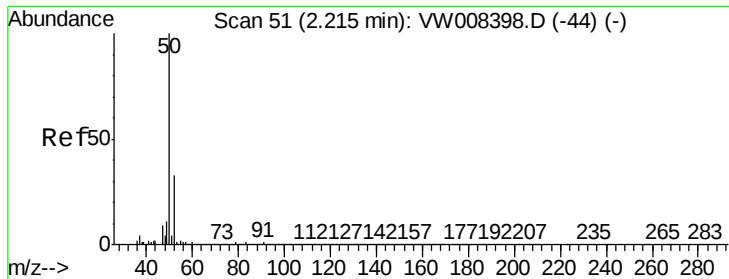
87 33.0 16.7 50.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 153.065 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW008400.D

Acq: 24 Jan 2019 16:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 50 Resp: 784756

Ion Ratio Lower Upper

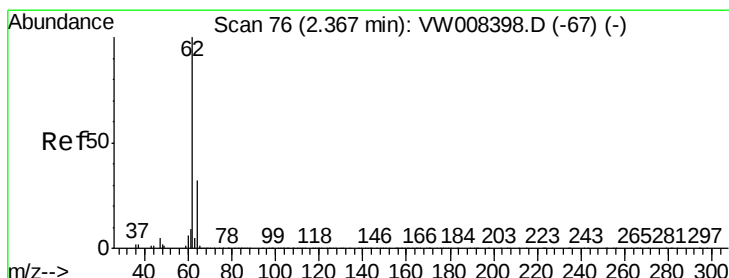
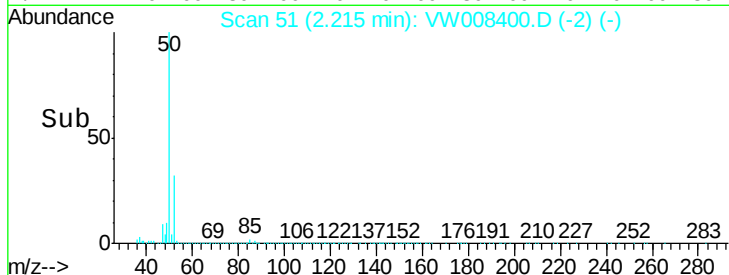
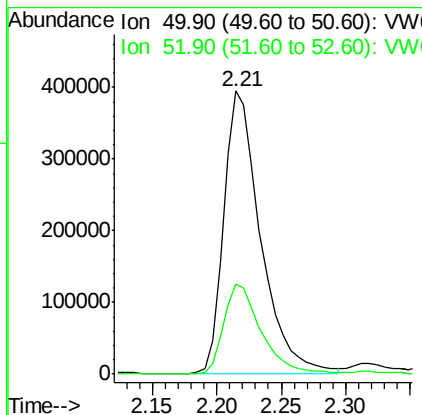
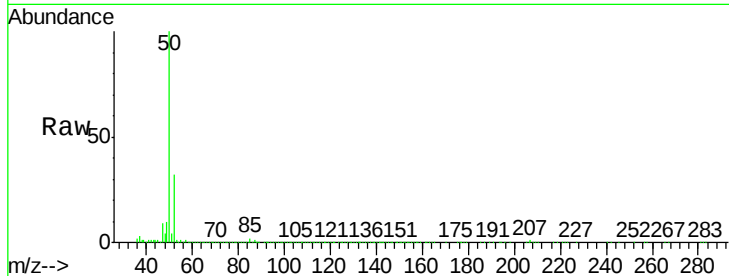
50 100

52 32.1 26.3 39.5

Manual Integrations
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#4

Vinyl Chloride

Concen: 143.941 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW008400.D

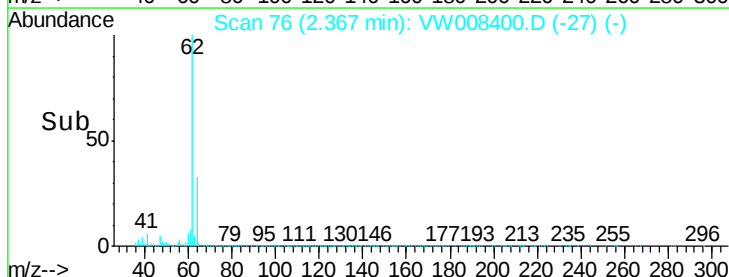
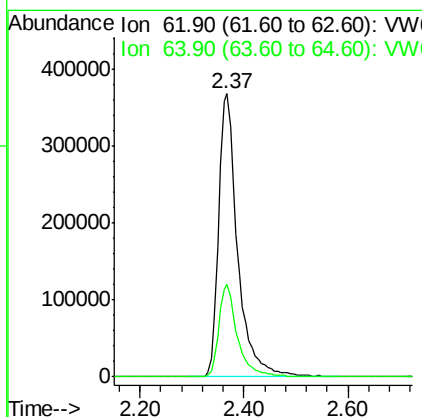
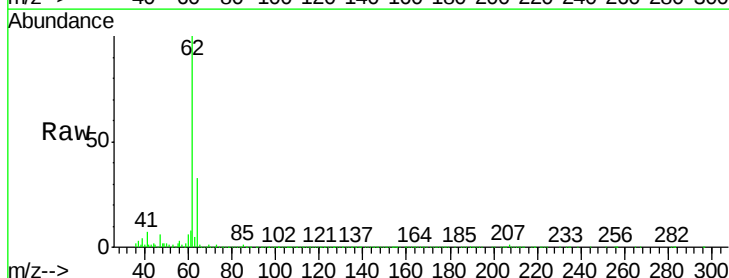
Acq: 24 Jan 2019 16:59

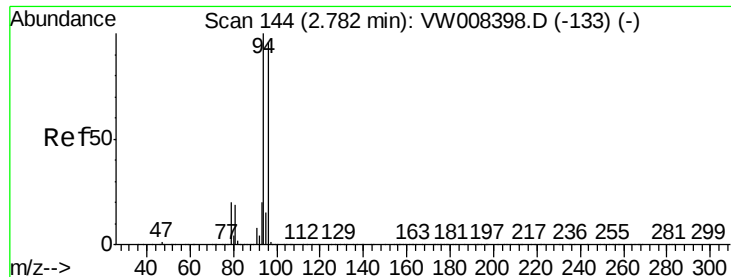
Tgt Ion: 62 Resp: 942929

Ion Ratio Lower Upper

62 100

64 32.7 25.5 38.3





#5

Bromomethane

Concen: 129.043 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW008400.D

Acq: 24 Jan 2019 16:59

Instrument :

MSVOA_W

ClientSampled :

VSTDIC150

Tot Ion: 94 Resp: 640626

Ion Ratio Lower Upper

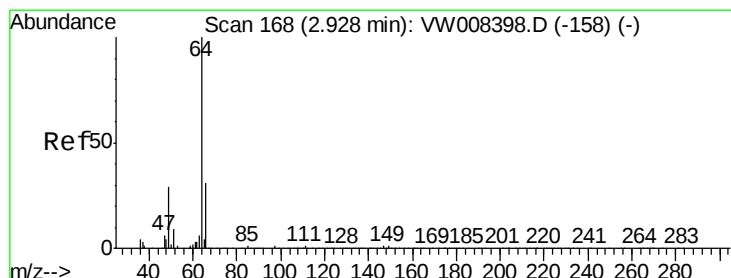
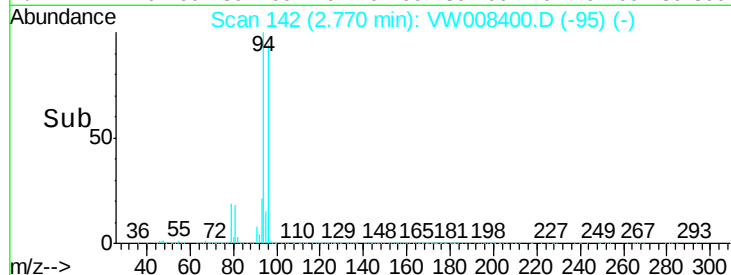
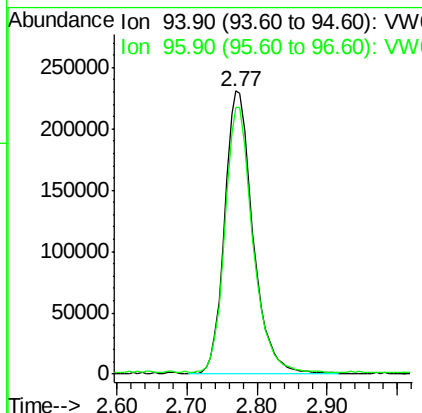
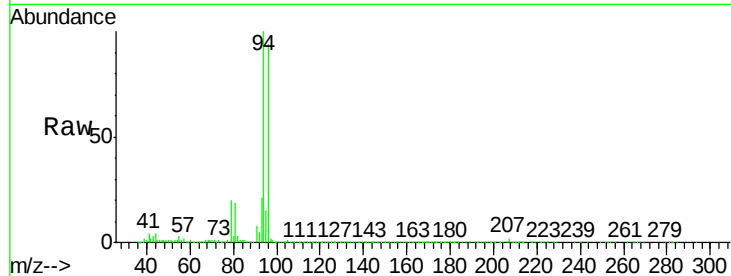
94 100

96 94.0 77.2 115.8

Manual Integrations
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#6

Chloroethane

Concen: 141.911 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW008400.D

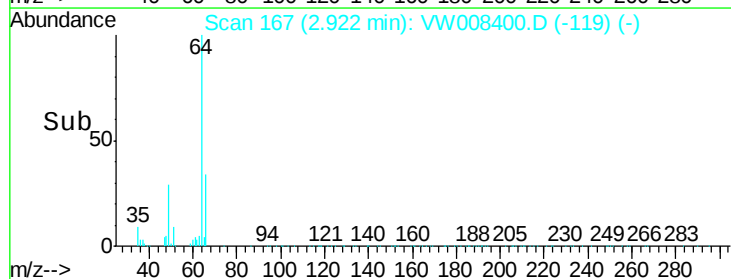
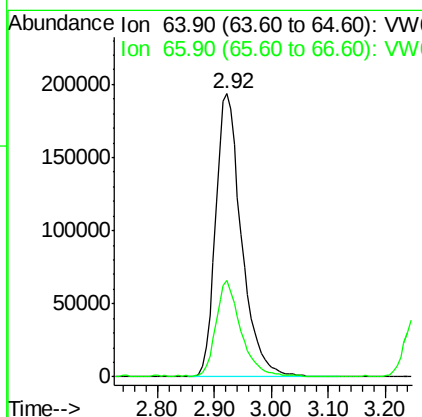
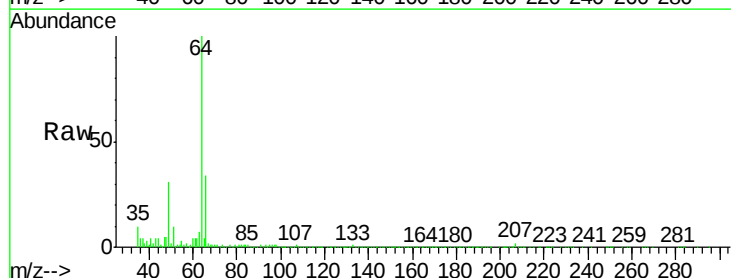
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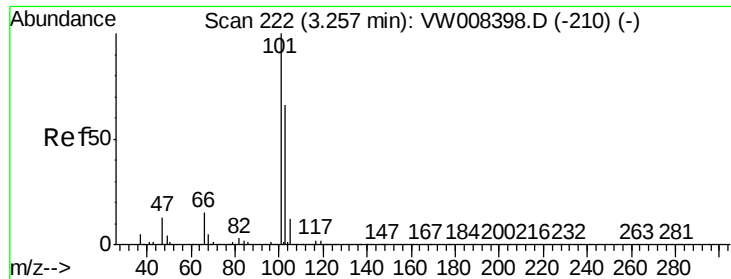
Tgt Ion: 64 Resp: 608483

Ion Ratio Lower Upper

64 100

66 33.7 24.9 37.3





#7

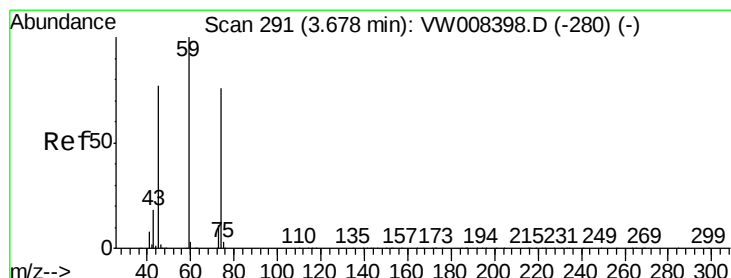
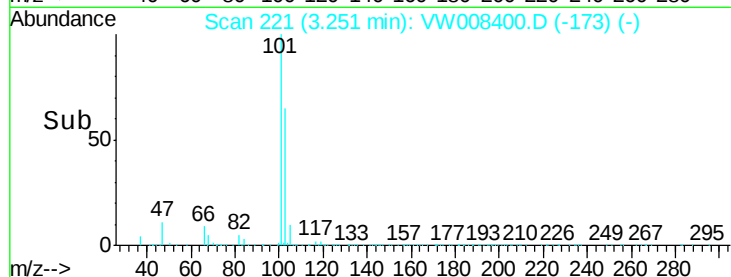
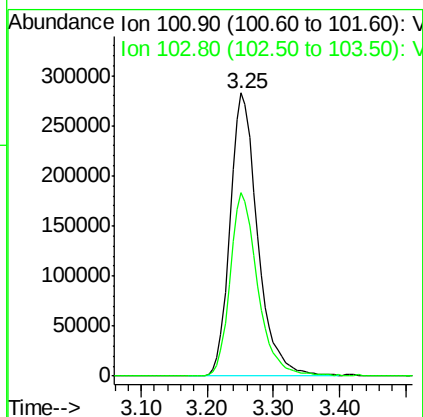
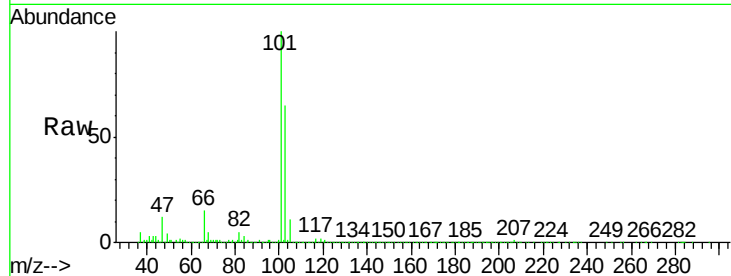
Trichlorofluoromethane
Concen: 169.693 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.01 min
Lab File: VW008400.D
Acq: 24 Jan 2019 16:59

Instrument :
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ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	52.5	78.7

Manual Integrations
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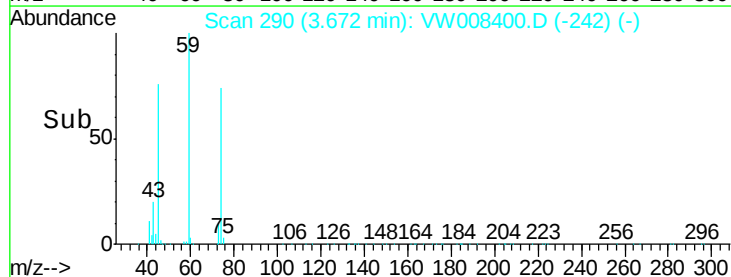
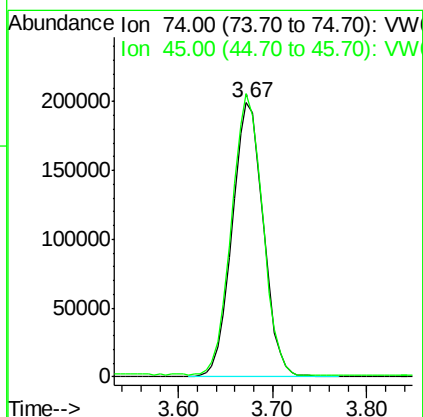
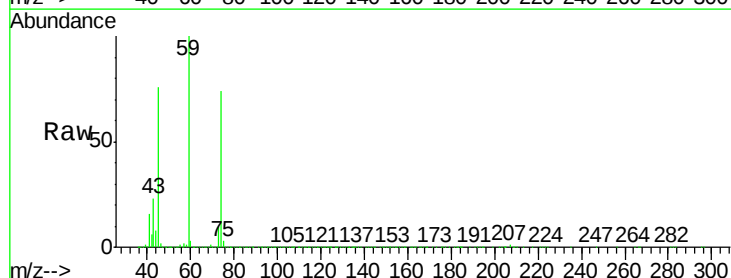
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#8

Diethyl Ether
Concen: 137.322 ug/l
RT: 3.67 min Scan# 290
Delta R.T. -0.01 min
Lab File: VW008400.D
Acq: 24 Jan 2019 16:59

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.7	51.7	155.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 148.913 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW008400.D

Acq: 24 Jan 2019 16:59

Instrument :

MSVOA_W

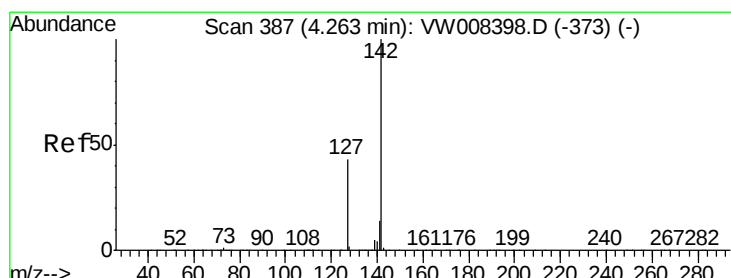
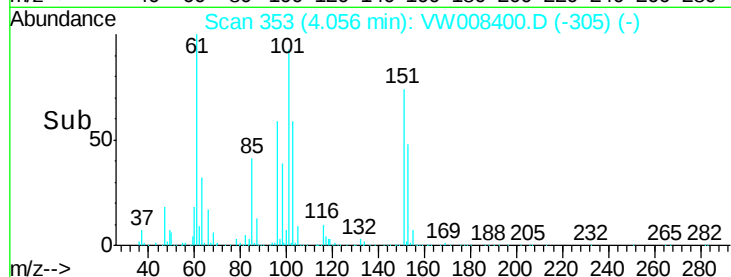
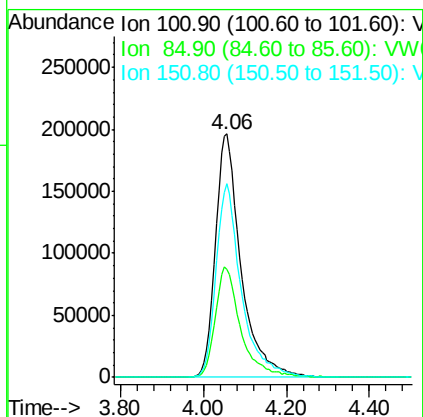
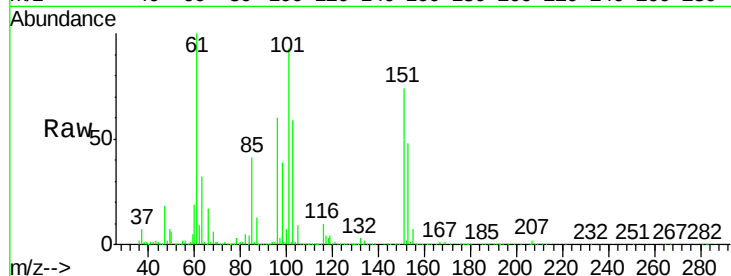
ClientSampled :

VSTDIC150

Tot Ion:	101	Resp:	833899
Ion Ratio	Lower	Upper	
101	100		
85	44.8	35.0	52.4
151	79.0	62.6	94.0

Manual Integrations
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#10

Methyl Iodide

Concen: 146.014 ug/l

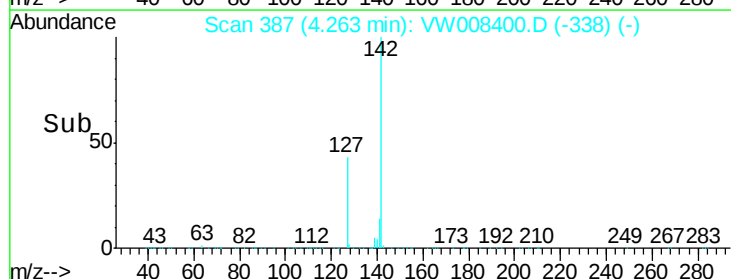
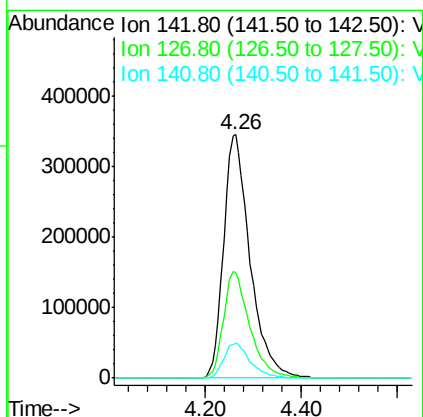
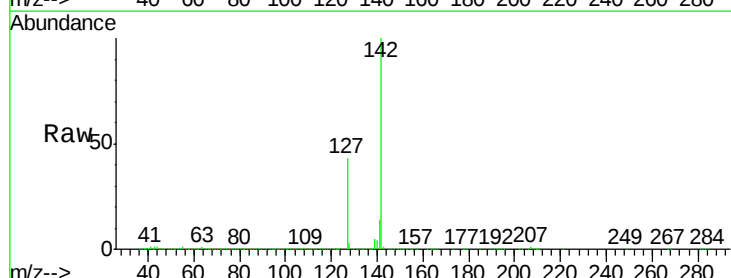
RT: 4.26 min Scan# 387

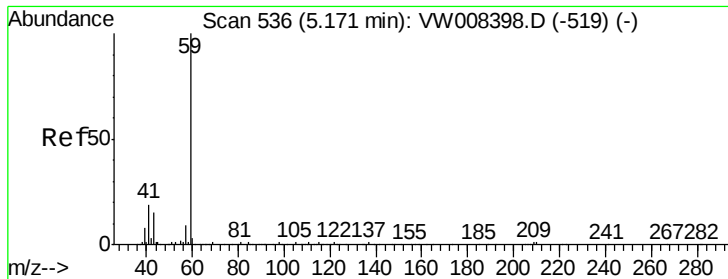
Delta R.T. 0.00 min

Lab File: VW008400.D

Acq: 24 Jan 2019 16:59

Tgt Ion:	142	Resp:	1318727
Ion Ratio	Lower	Upper	
142	100		
127	43.5	34.6	52.0
141	14.3	11.4	17.2





#11

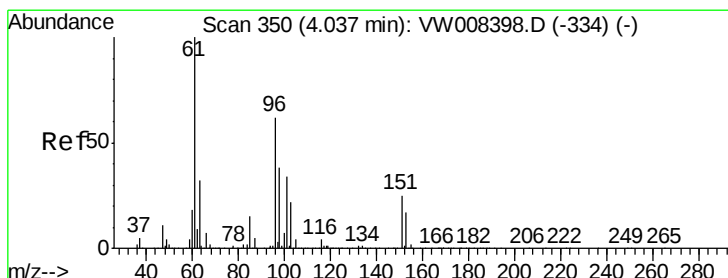
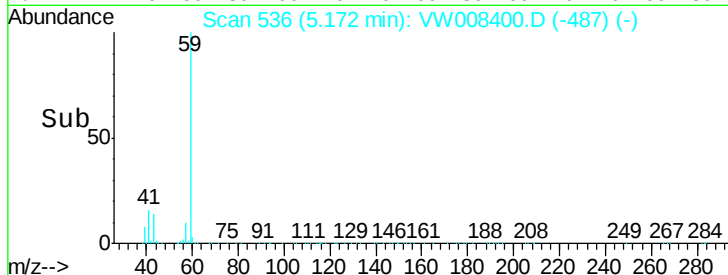
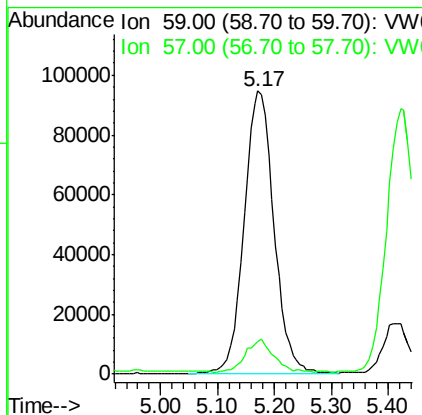
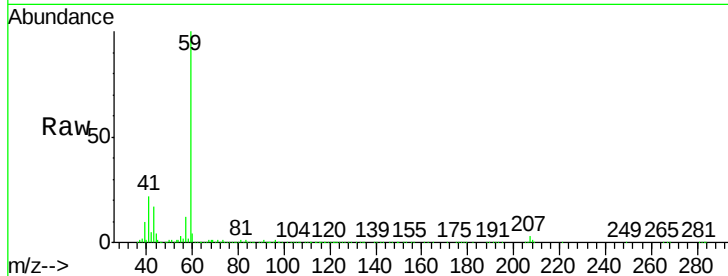
Tert butyl alcohol
Concen: 886.962 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.00 min
Lab File: VW008400.D
Acq: 24 Jan 2019 16:59

Instrument :
MSVOA_W
ClientSampled :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.9	9.3	13.9

Manual Integrations
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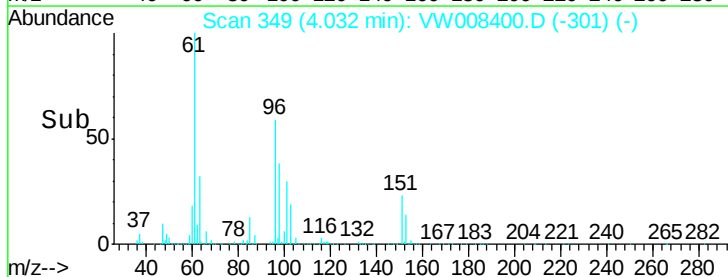
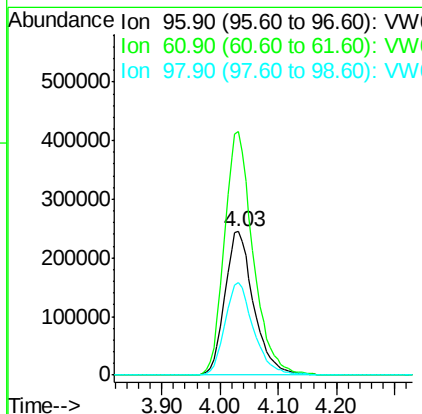
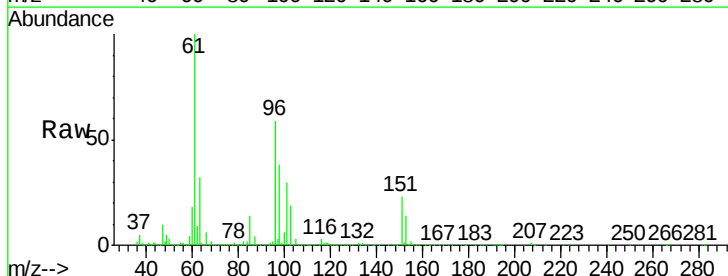
sam
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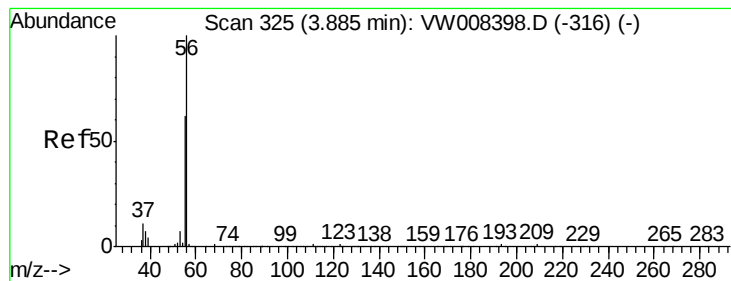


#12

1,1-Dichloroethene
Concen: 146.686 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW008400.D
Acq: 24 Jan 2019 16:59

Tgt Ion	Ratio	Lower	Upper
96	100		
61	170.0	129.5	194.3
98	64.1	48.6	73.0





#13

Acrolein

Concen: 834.597 ug/l

RT: 3.89 min Scan# 325

Delta R.T. 0.00 min

Lab File: VW008400.D

Acq: 24 Jan 2019 16:59

Instrument :

MSVOA_W

ClientSampled :

VSTDIC150

Tot Ion: 56 Resp: 294214

Ion Ratio Lower Upper

56 100

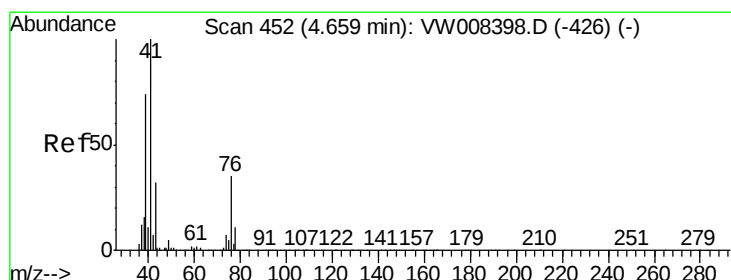
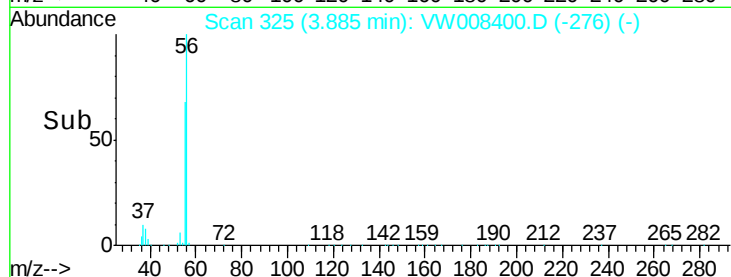
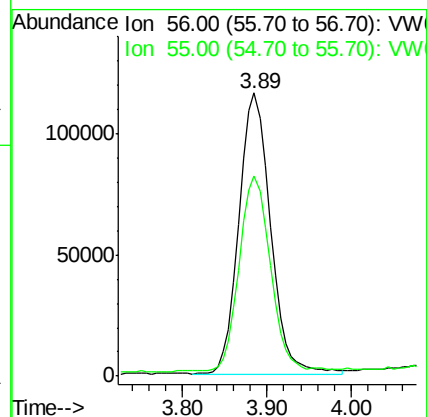
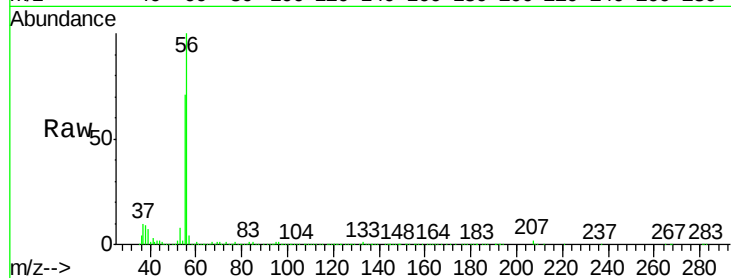
55 67.4 56.7 85.1

Manual Integrations

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#14

Allyl chloride

Concen: 173.865 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW008400.D

Acq: 24 Jan 2019 16:59

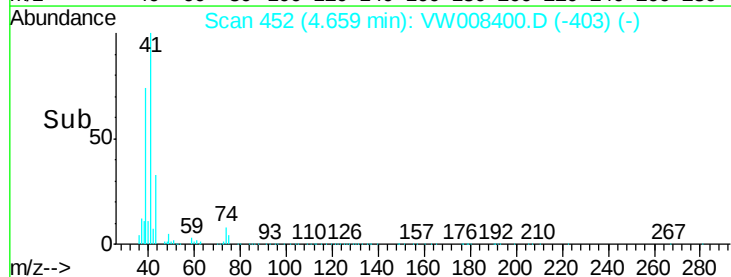
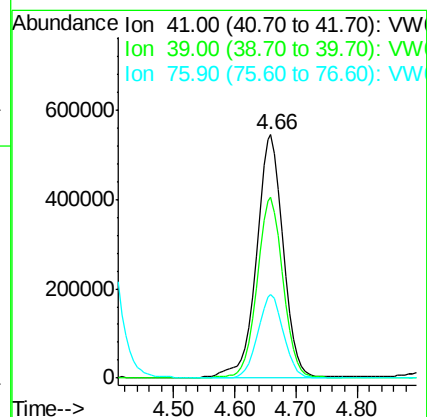
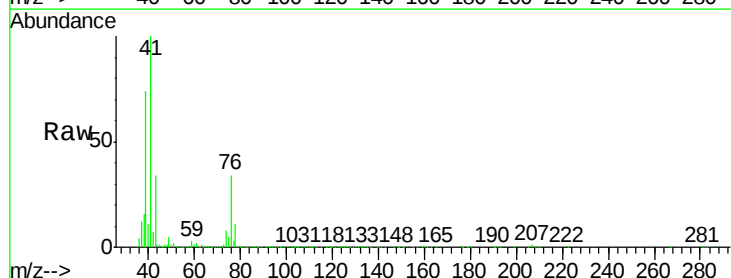
Tgt Ion: 41 Resp: 1655449

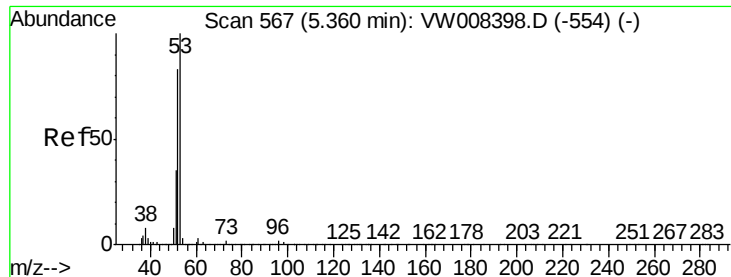
Ion Ratio Lower Upper

41 100

39 72.6 57.7 86.5

76 33.1 26.9 40.3





#15

Acrylonitrile

Concen: 809.220 ug/l

RT: 5.36 min Scan# 567

Delta R.T. 0.00 min

Lab File: VW008400.D

Acq: 24 Jan 2019 16:59

Instrument :

MSVOA_W

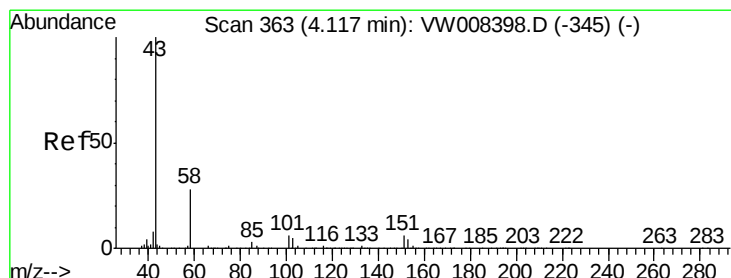
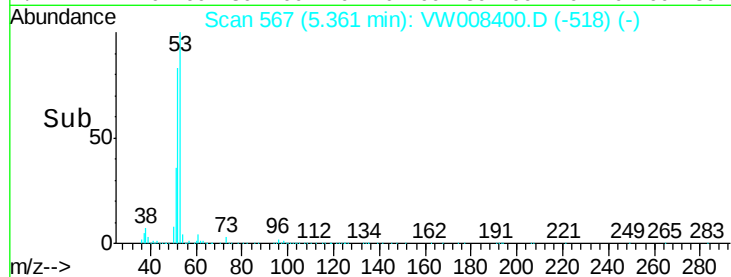
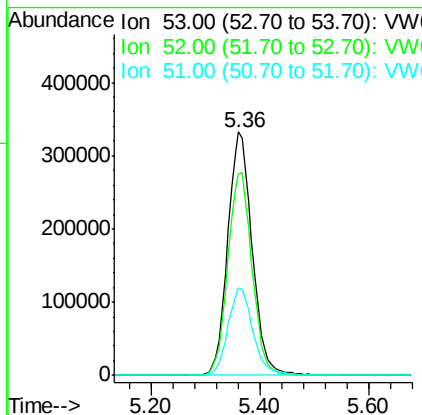
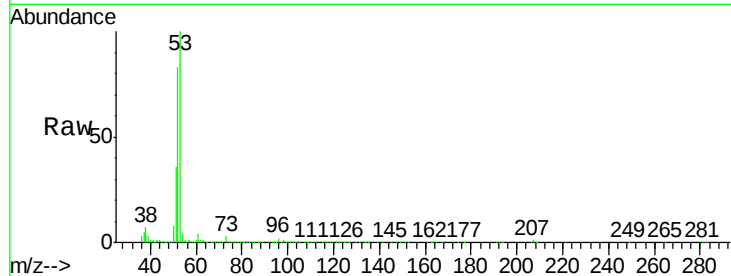
ClientSampleId :

VSTDIC150

Tot Ion:	53	Resp:	1036804
Ion	Ratio	Lower	Upper
53	100		
52	82.9	67.0	100.4
51	36.8	29.8	44.8

Manual Integrations
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#16

Acetone

Concen: 721.310 ug/l

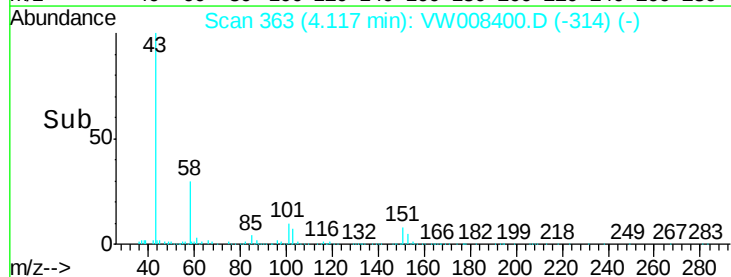
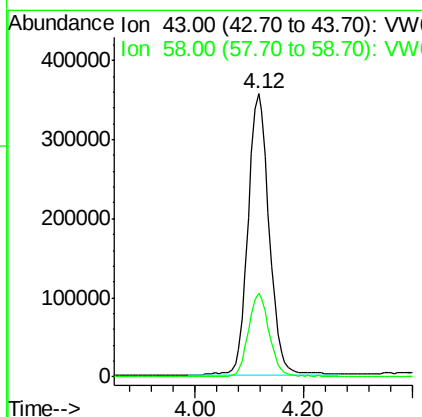
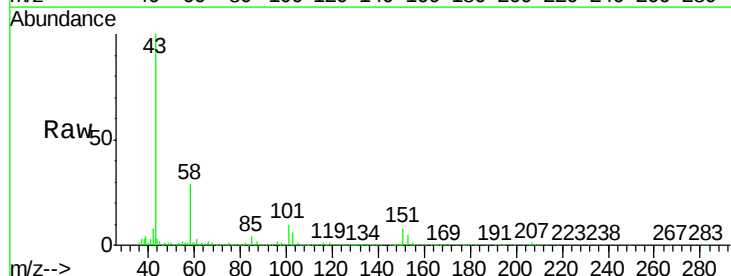
RT: 4.12 min Scan# 363

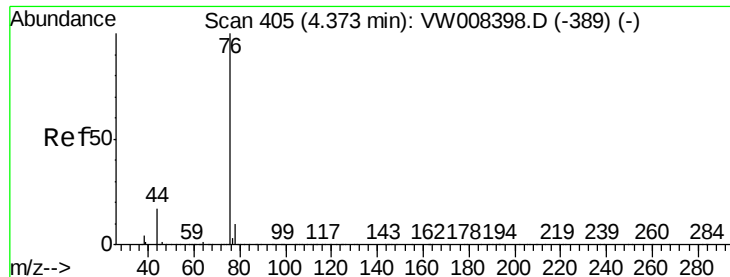
Delta R.T. 0.00 min

Lab File: VW008400.D

Acq: 24 Jan 2019 16:59

Tgt Ion:	43	Resp:	967230
Ion	Ratio	Lower	Upper
43	100		
58	29.4	22.6	34.0





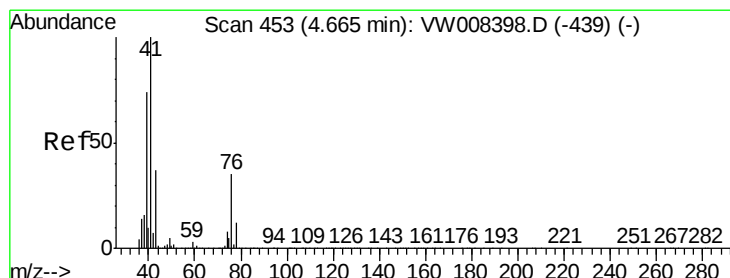
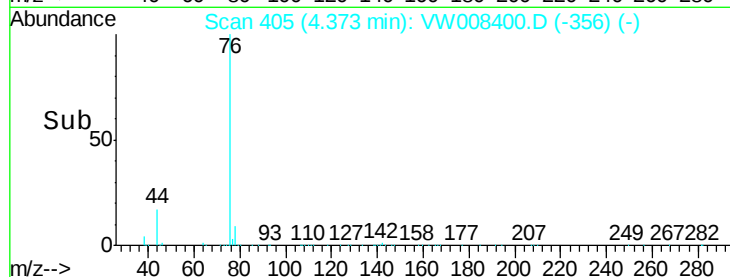
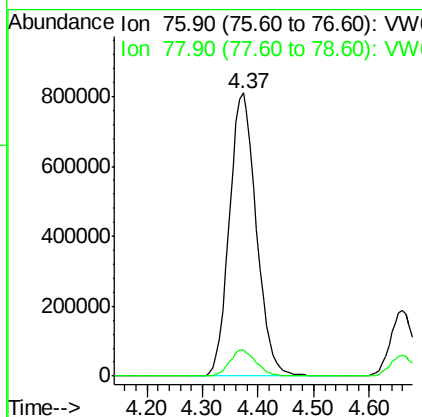
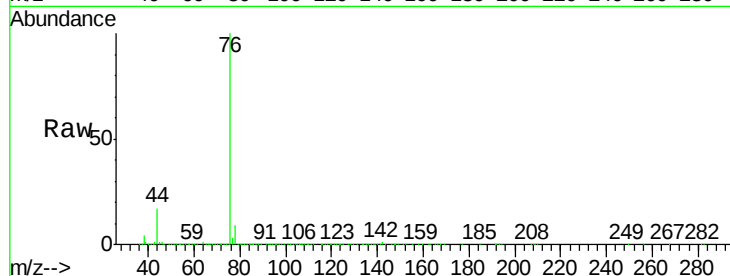
#17
Carbon Disulfide
Concen: 156.265 ug/l
RT: 4.37 min Scan# 405
Delta R.T. 0.00 min
Lab File: VW008400.D
Acq: 24 Jan 2019 16:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion: 76 Resp: 2708173
Ion Ratio Lower Upper
76 100
78 9.3 7.7 11.5

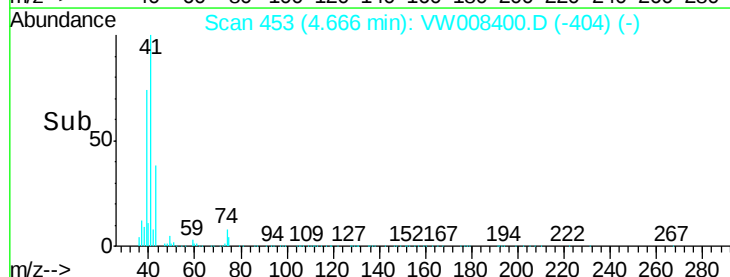
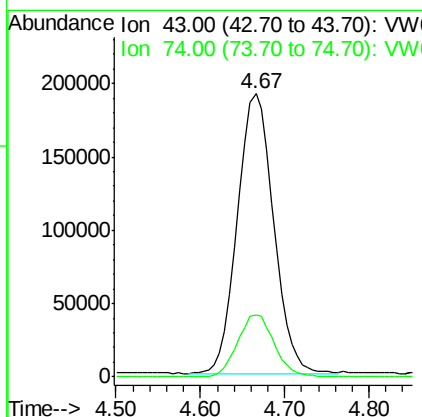
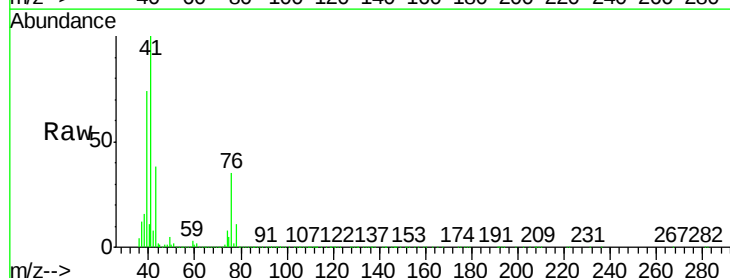
Manual Integrations
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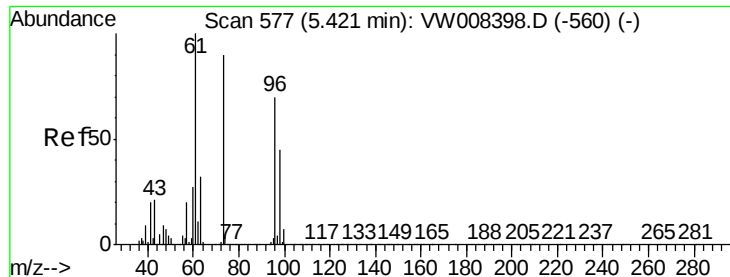
sam
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#18
Methyl Acetate
Concen: 155.148 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW008400.D
Acq: 24 Jan 2019 16:59

Tgt Ion: 43 Resp: 555735
Ion Ratio Lower Upper
43 100
74 22.5 17.5 26.3





#19

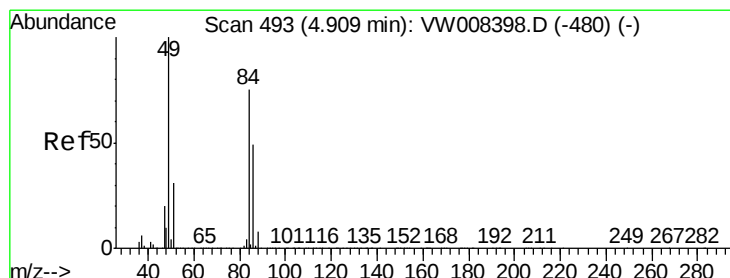
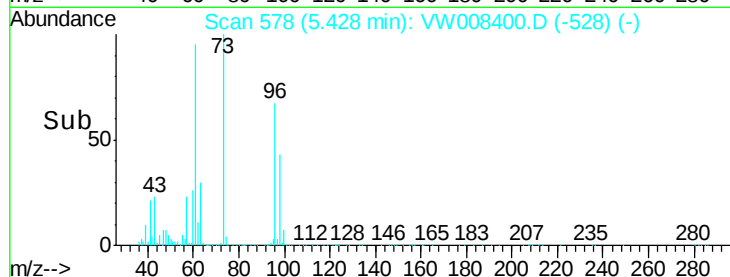
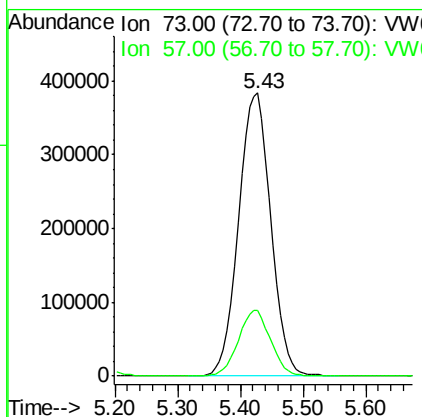
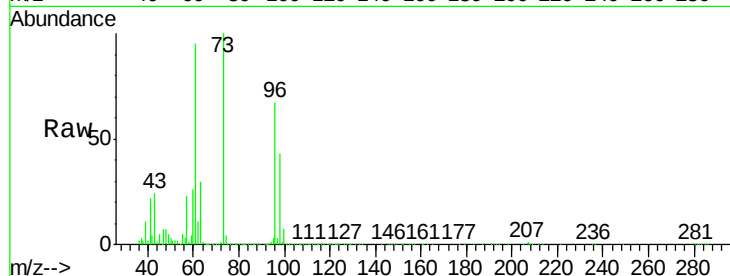
Methvl tert-butvl Ether
Concen: 155.015 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.01 min
Lab File: VW008400.D
Acq: 24 Jan 2019 16:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion: 73 Resp: 1351507
Ion Ratio Lower Upper
73 100
57 22.9 18.0 27.0

Manual Integrations
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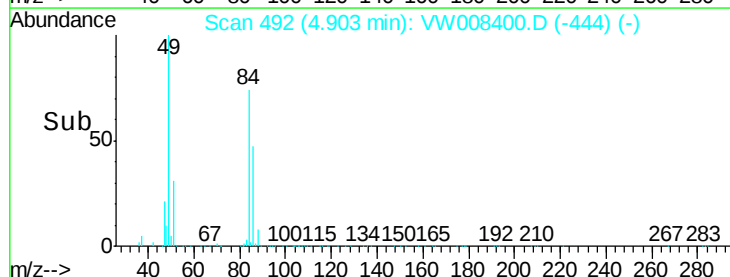
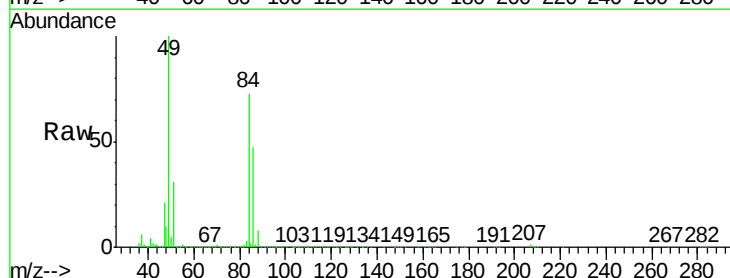
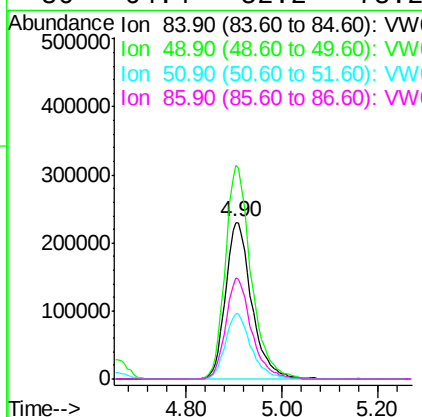
sam
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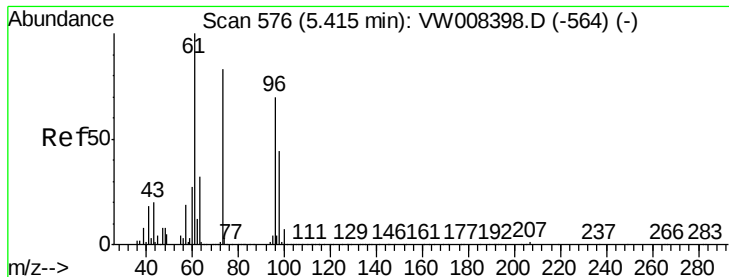


#20

Methylene Chloride
Concen: 121.501 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW008400.D
Acq: 24 Jan 2019 16:59

Tgt Ion: 84 Resp: 865165
Ion Ratio Lower Upper
84 100
49 136.4 106.8 160.2
51 41.9 32.9 49.3
86 64.4 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 149.582 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW008400.D

Acq: 24 Jan 2019 16:59

Instrument :

MSVOA_W

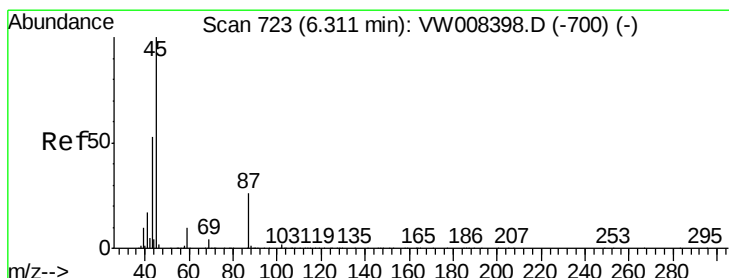
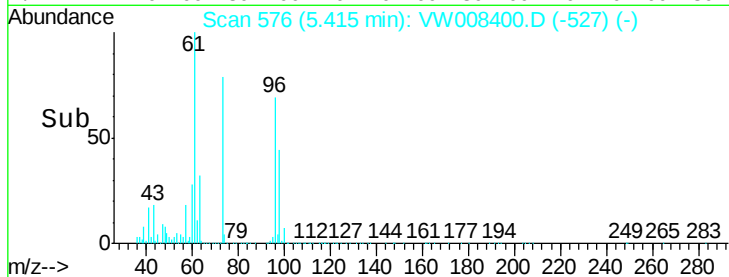
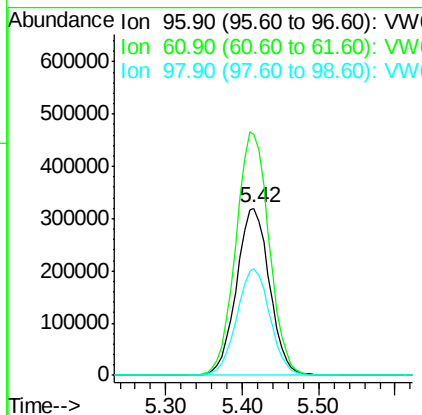
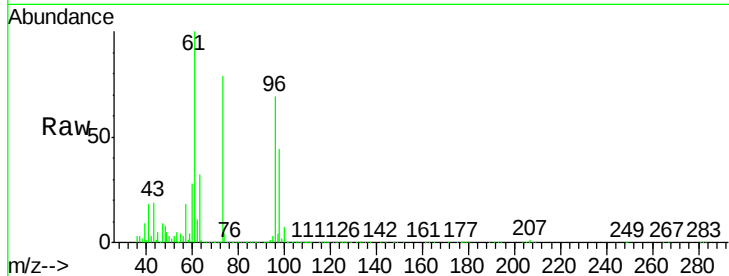
ClientSampleId :

VSTDIC150

Tot Ion:	96	Resp:	956850
Ion	Ratio	Lower	Upper
96	100		
61	144.6	114.4	171.6
98	63.4	50.6	75.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 171.644 ug/l

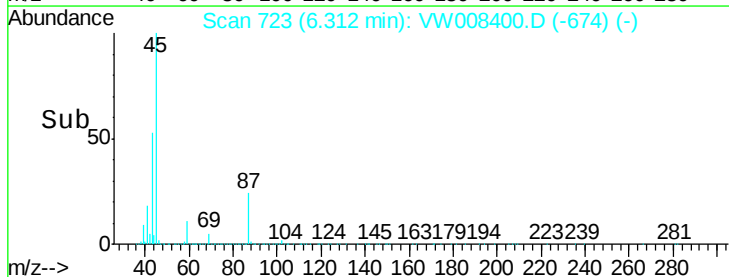
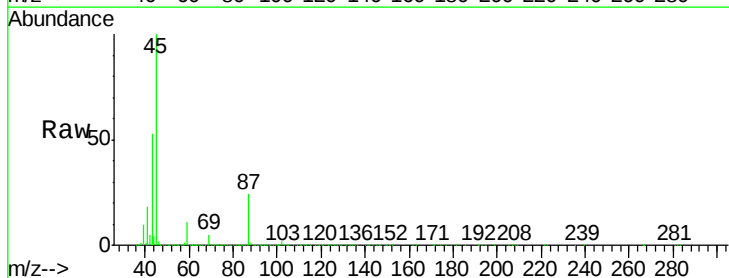
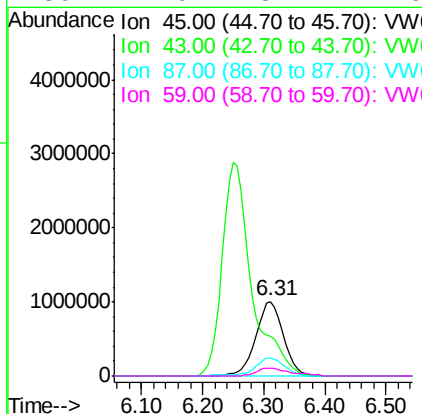
RT: 6.31 min Scan# 723

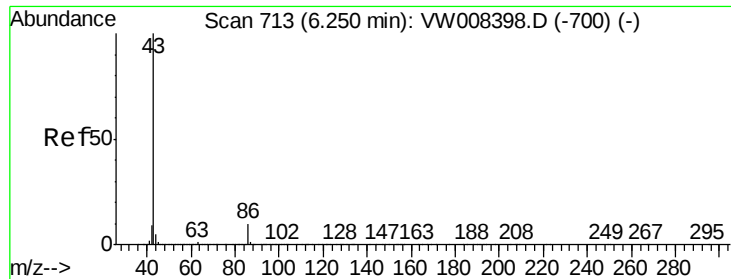
Delta R.T. 0.00 min

Lab File: VW008400.D

Acq: 24 Jan 2019 16:59

Tgt Ion:	45	Resp:	3190715
Ion	Ratio	Lower	Upper
45	100		
43	52.8	42.6	63.8
87	24.3	20.3	30.5
59	11.0	8.4	12.6





#23

Vinyl Acetate

Concen: 964.677 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW008400.D

Acq: 24 Jan 2019 16:59

Tot Ion: 43 Resp: 9585687

Ion Ratio Lower Upper

43 100

86 9.7 7.8 11.8

Instrument :

MSVOA_W

ClientSampleId :

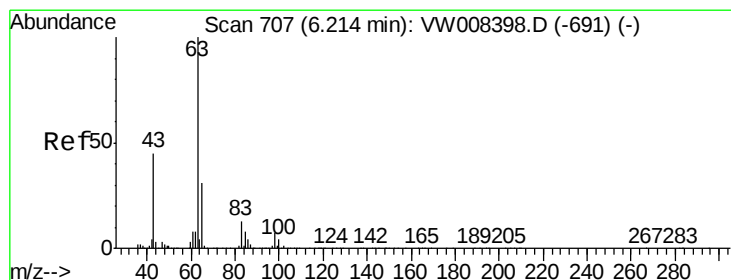
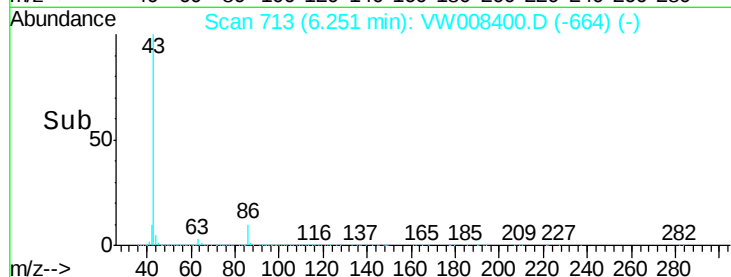
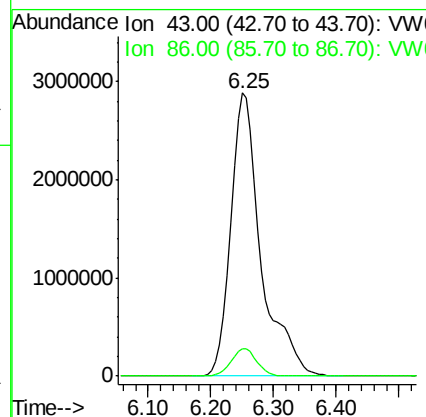
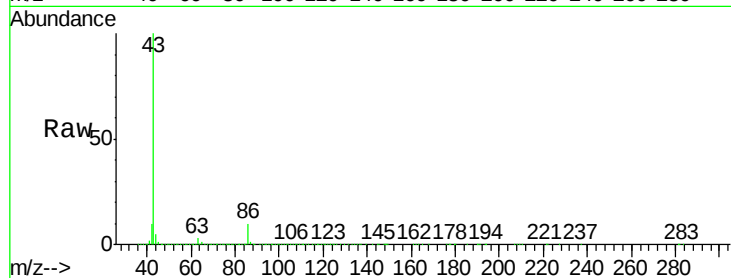
VSTDIC150

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 156.775 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW008400.D

Acq: 24 Jan 2019 16:59

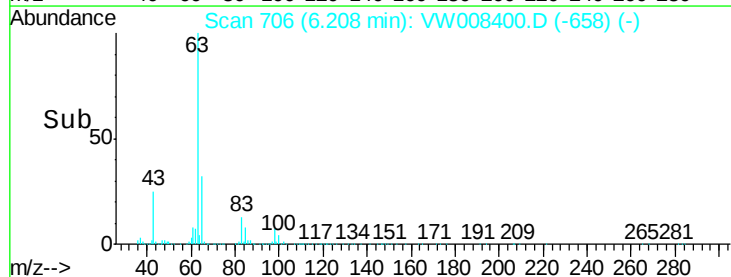
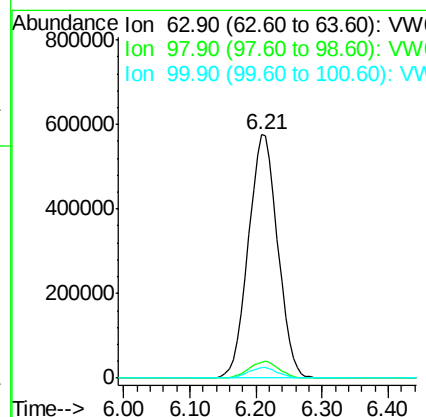
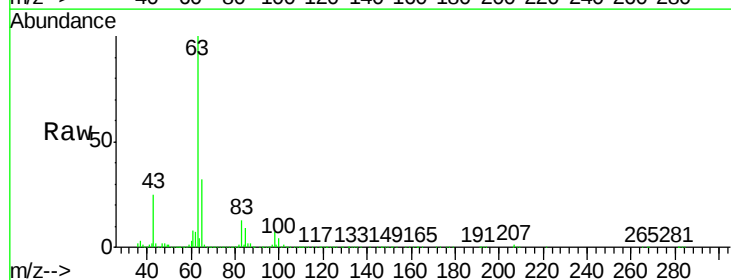
Tgt Ion: 63 Resp: 1774461

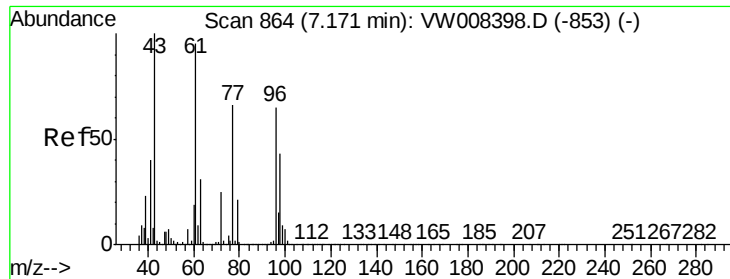
Ion Ratio Lower Upper

63 100

98 6.6 3.5 10.5

100 4.2 2.1 6.2





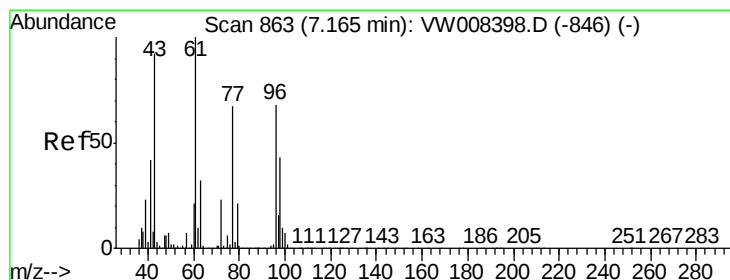
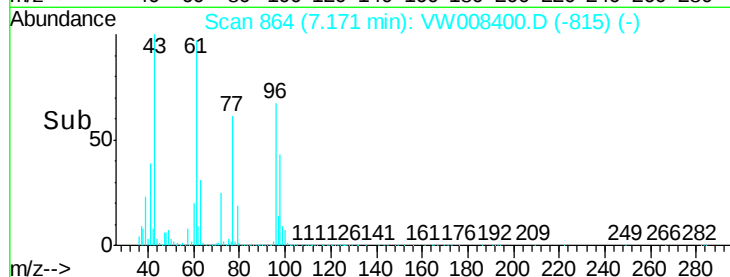
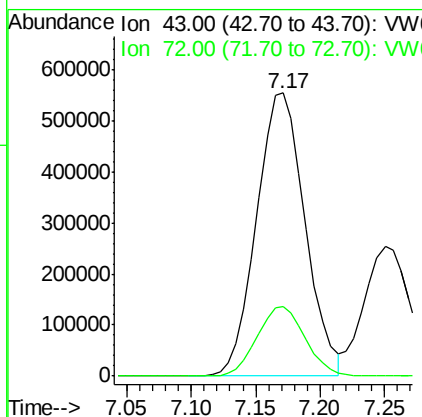
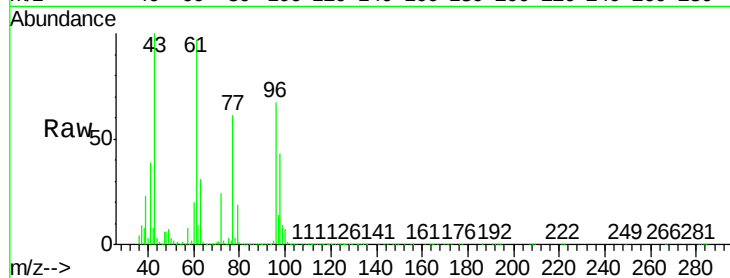
#25
2-Butanone
Concen: 836.519 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW008400.D
Acq: 24 Jan 2019 16:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 1436702
Ion Ratio Lower Upper
43 100
72 24.5 20.1 30.1

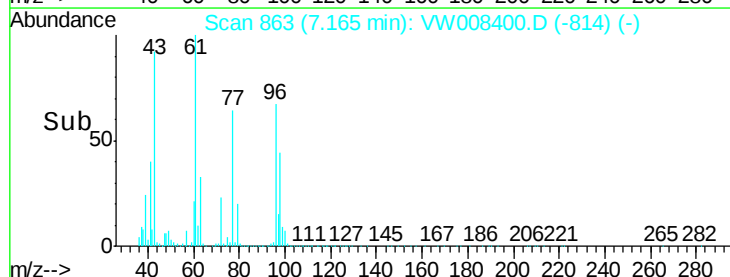
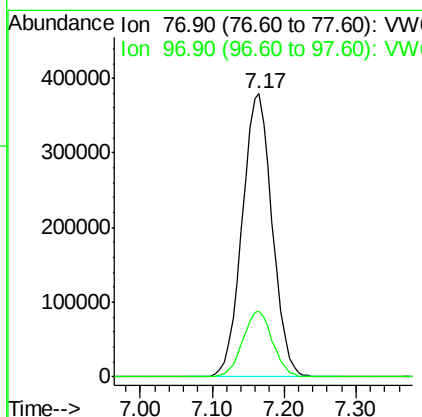
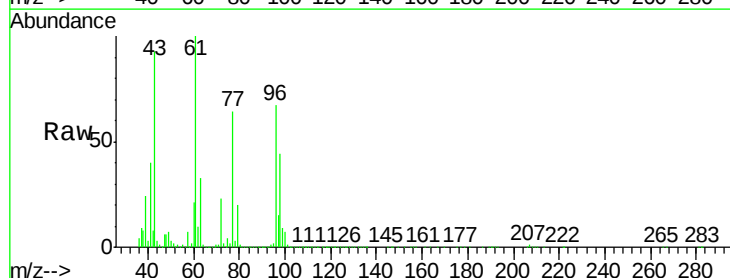
Manual Integrations
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#26
2,2-Dichloropropane
Concen: 151.182 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW008400.D
Acq: 24 Jan 2019 16:59

Tgt Ion: 77 Resp: 1091991
Ion Ratio Lower Upper
77 100
97 22.9 11.5 34.5





#27

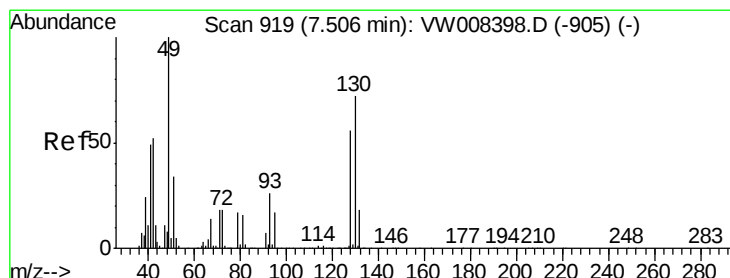
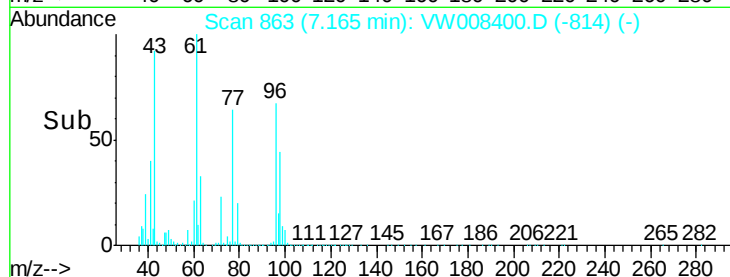
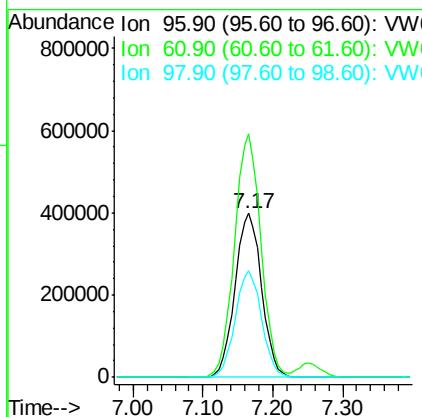
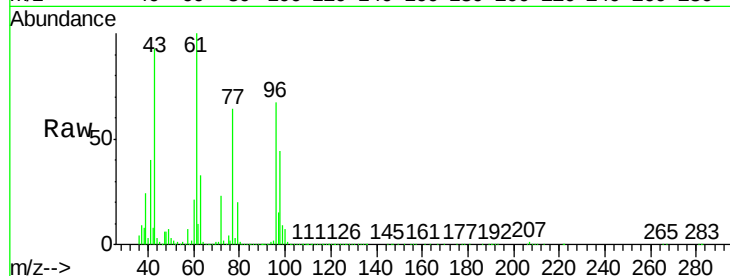
cis-1,2-Dichloroethene
Concen: 151.160 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW008400.D
Acq: 24 Jan 2019 16:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
96	100		
61	148.1	0.0	292.8
98	64.7	0.0	129.2

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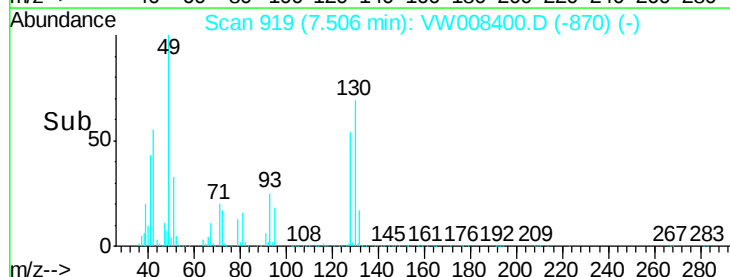
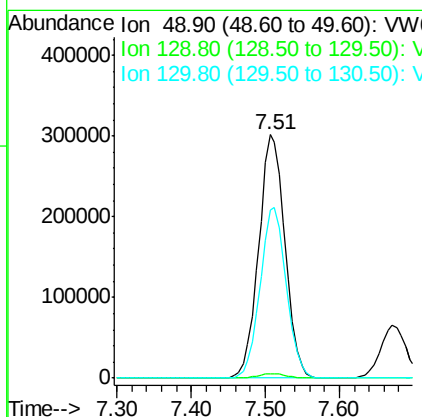
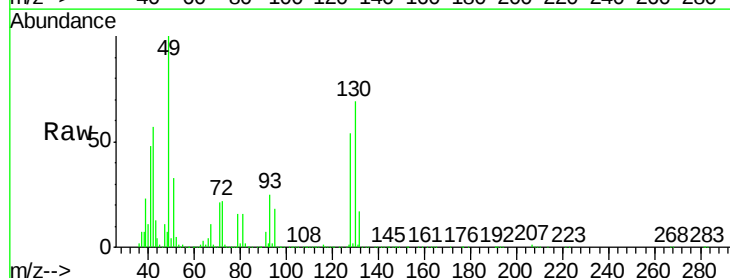
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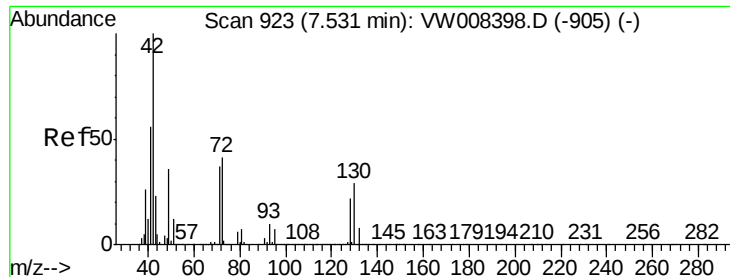


#28

Bromochloromethane
Concen: 159.828 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW008400.D
Acq: 24 Jan 2019 16:59

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.6
130	69.9	58.6	87.8





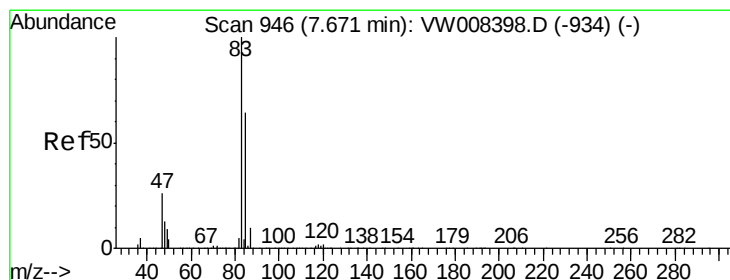
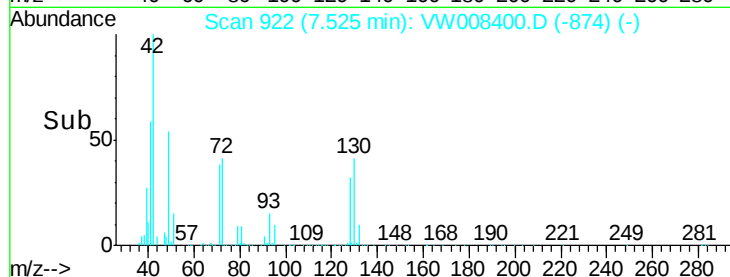
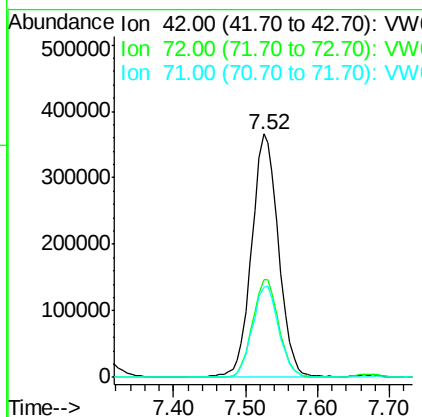
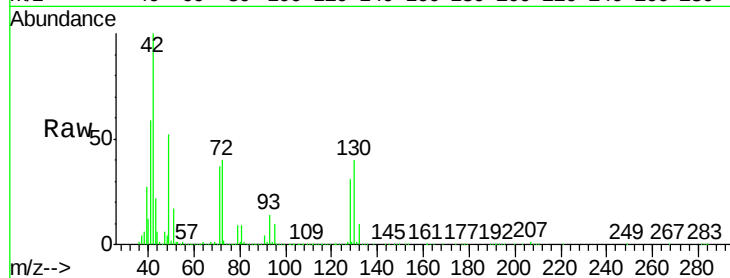
#29
Tetrahydrofuran
Concen: 879.225 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW008400.D
Acq: 24 Jan 2019 16:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion:	42	Resp:	941388
Ion Ratio		Lower	Upper
42	100		
72	39.6	31.9	47.9
71	37.0	29.9	44.9

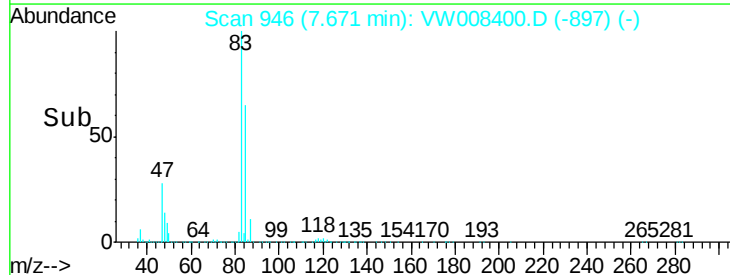
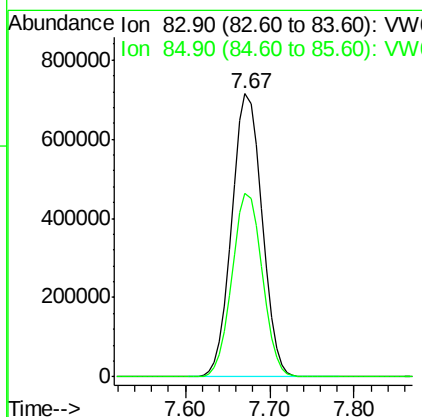
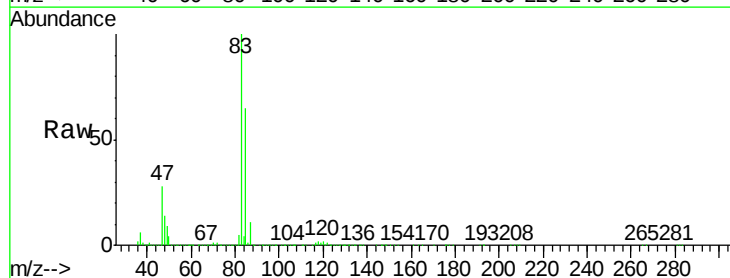
Manual Integrations
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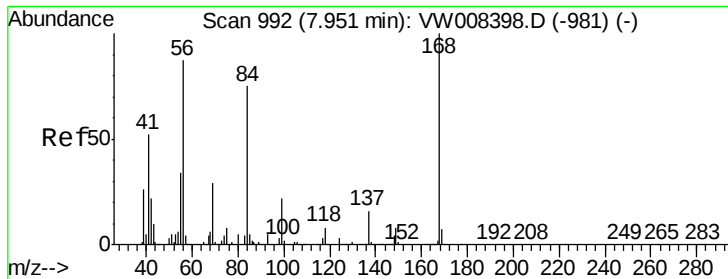
sam
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#30
Chloroform
Concen: 154.693 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW008400.D
Acq: 24 Jan 2019 16:59

Tgt Ion:	83	Resp:	1732357
Ion Ratio		Lower	Upper
83	100		
85	64.7	50.9	76.3





#31

Cyclohexane

Concen: 154.449 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW008400.D

Acq: 24 Jan 2019 16:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 56 Resp: 1665595

Ion Ratio Lower Upper

56 100

69 31.0 26.4 39.6

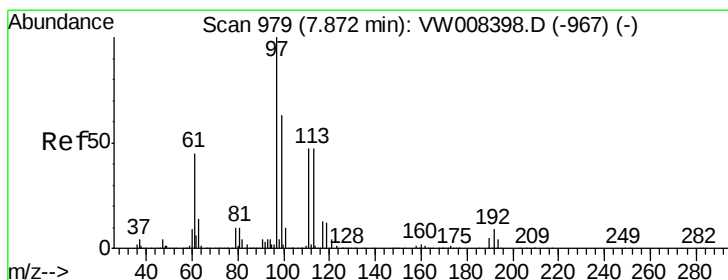
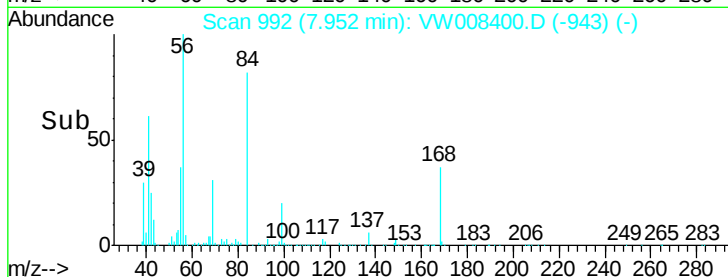
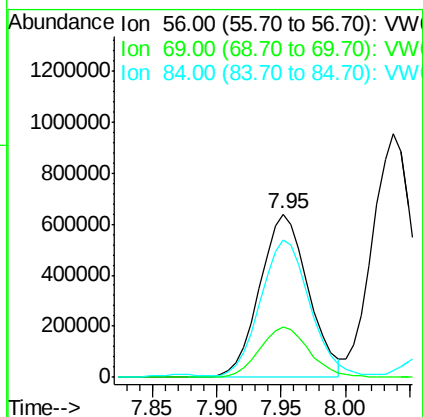
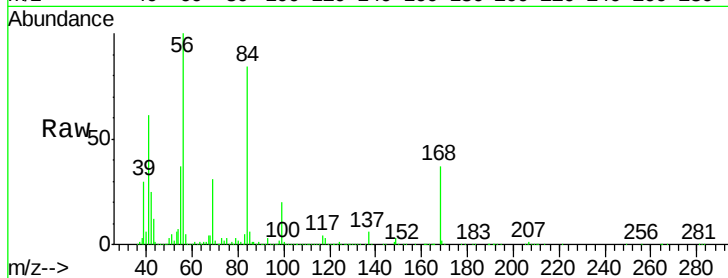
84 82.8 69.1 103.7

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#32

1,1,1-Trichloroethane

Concen: 154.824 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW008400.D

Acq: 24 Jan 2019 16:59

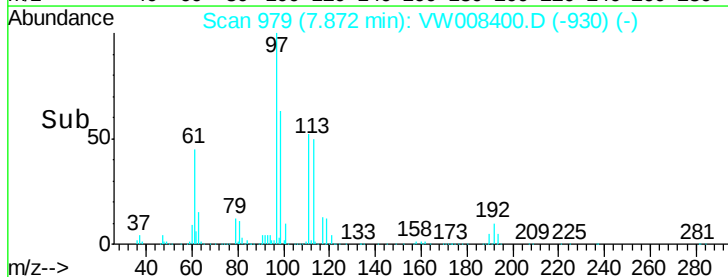
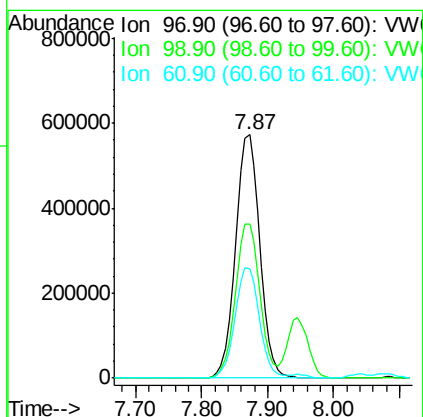
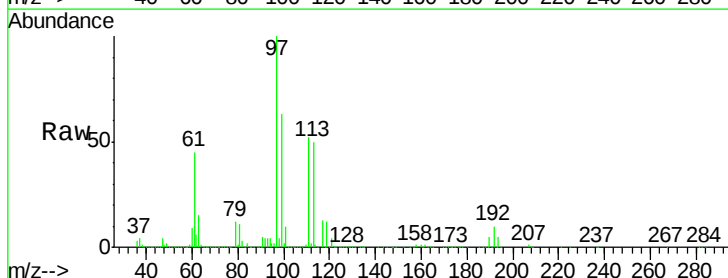
Tgt Ion: 97 Resp: 1455111

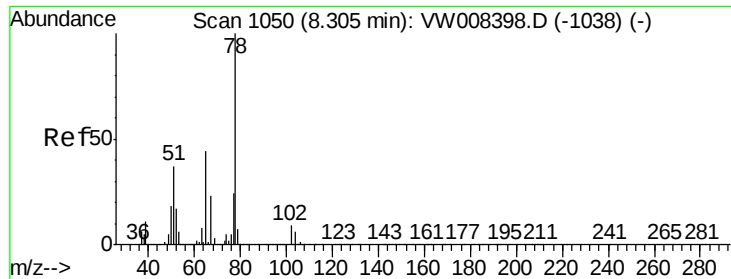
Ion Ratio Lower Upper

97 100

99 64.1 51.3 76.9

61 45.6 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 155.980 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW008400.D

Acq: 24 Jan 2019 16:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 65 Resp: 900629

Ion Ratio Lower Upper

65 100

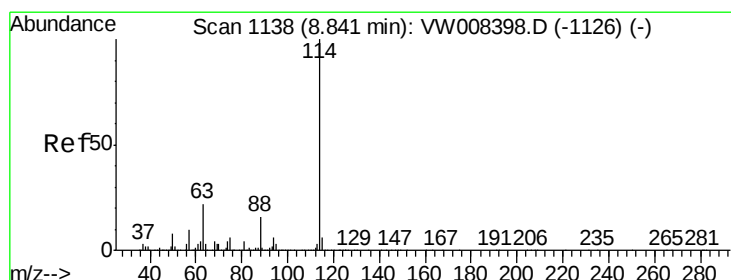
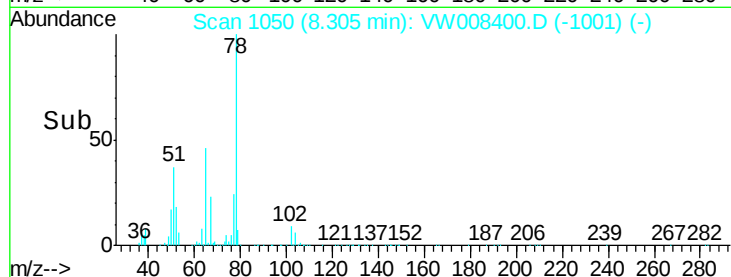
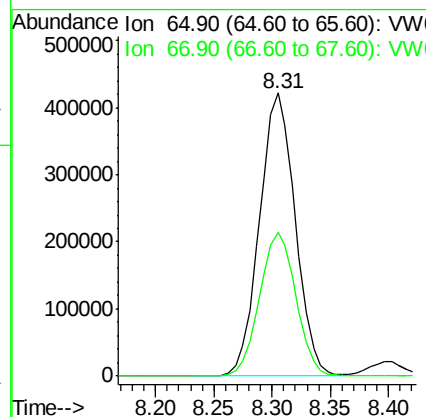
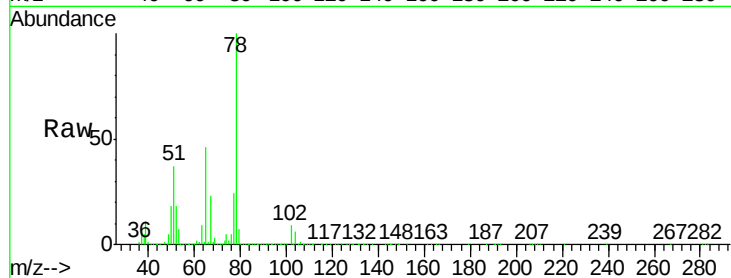
67 51.6 0.0 104.0

Manual Integrations

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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: VW008400.D

Acq: 24 Jan 2019 16:59

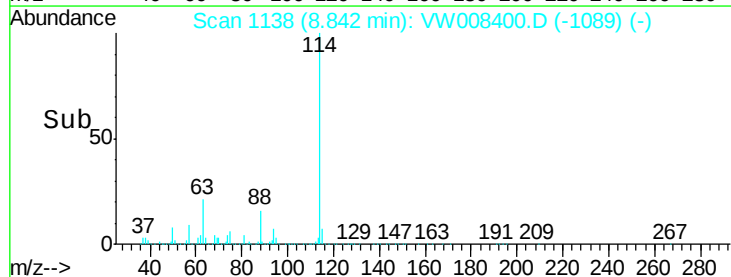
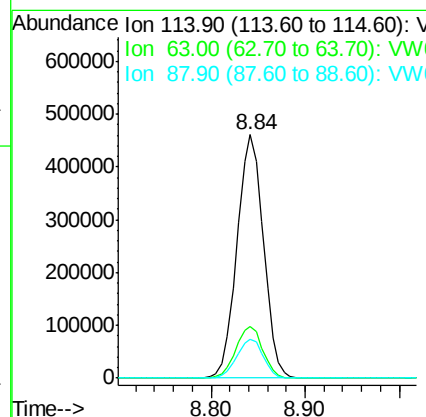
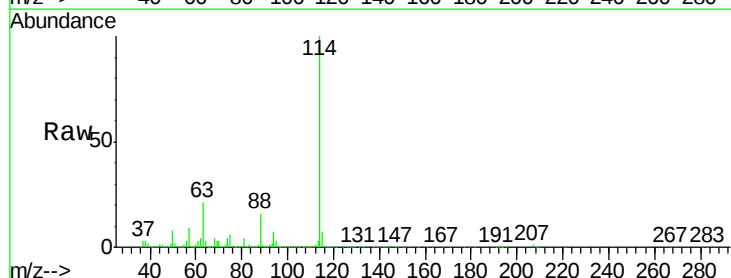
Tgt Ion: 114 Resp: 897662

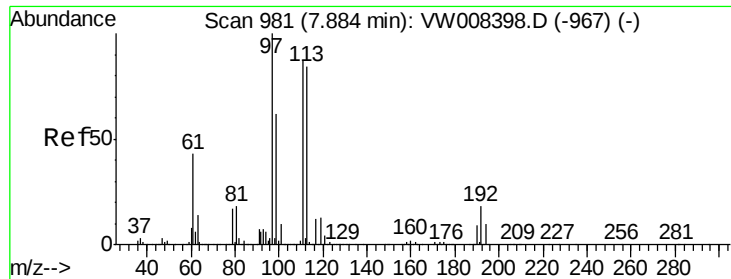
Ion Ratio Lower Upper

114 100

63 21.3 0.0 43.6

88 16.1 0.0 31.8





#35

Dibromofluoromethane

Concen: 144.957 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008400.D

Acq: 24 Jan 2019 16:59

Instrument :

MSVOA_W

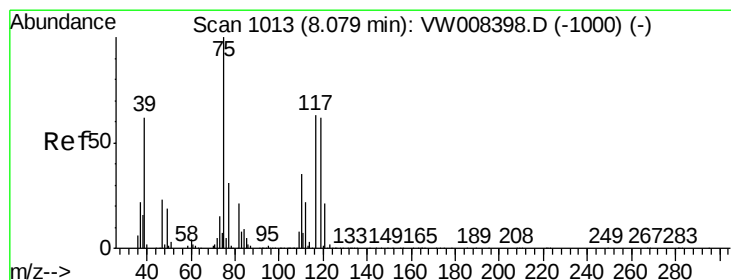
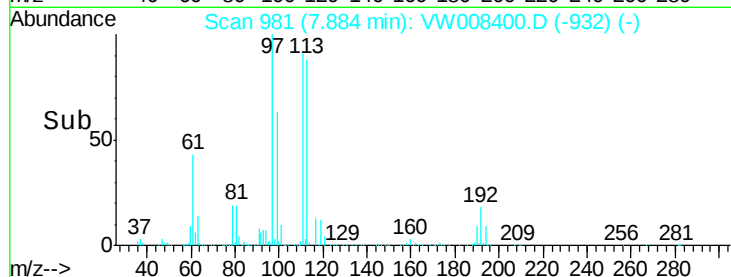
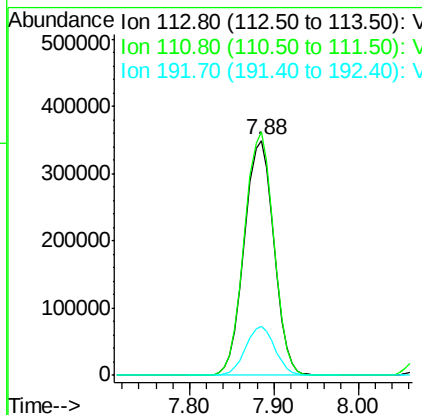
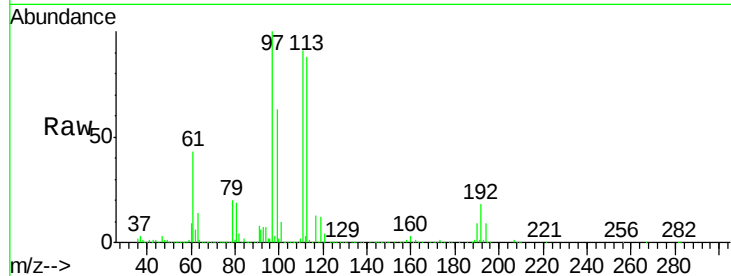
ClientSampleId :

VSTDIC150

Tot Ion:	113	Resp:	830618
Ion Ratio	Lower	Upper	
113	100		
111	102.6	81.0	121.4
192	20.5	16.8	25.2

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 156.151 ug/l

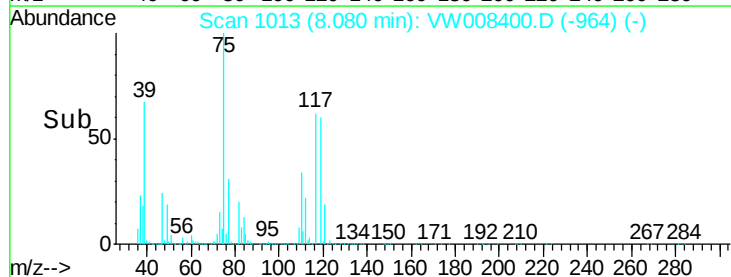
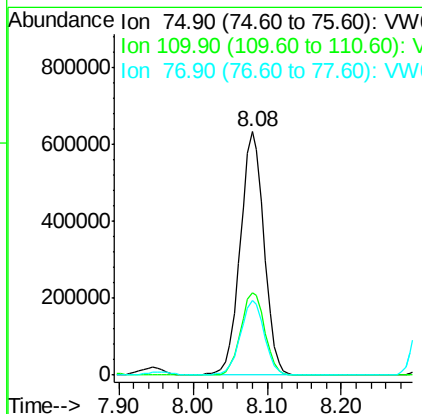
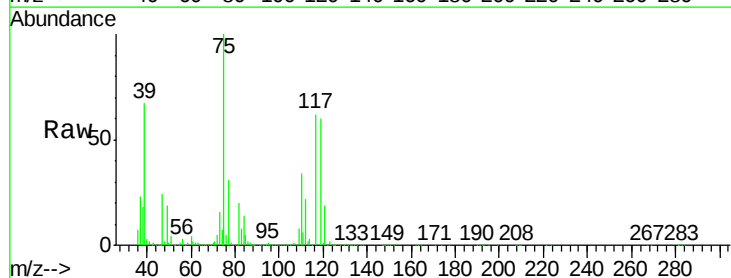
RT: 8.08 min Scan# 1013

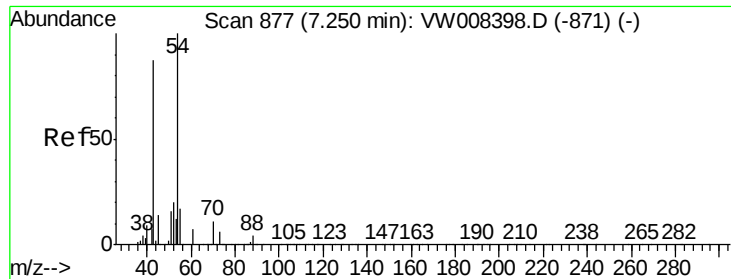
Delta R.T. 0.00 min

Lab File: VW008400.D

Acq: 24 Jan 2019 16:59

Tgt Ion:	75	Resp:	1410237
Ion Ratio	Lower	Upper	
75	100		
110	34.4	17.3	52.0
77	30.8	24.7	37.1





#37

Ethyl Acetate

Concen: 170.825 ug/l

RT: 7.25 min Scan# 877

Delta R.T. 0.00 min

Lab File: VW008400.D

Acq: 24 Jan 2019 16:59

Instrument :

MSVOA_W

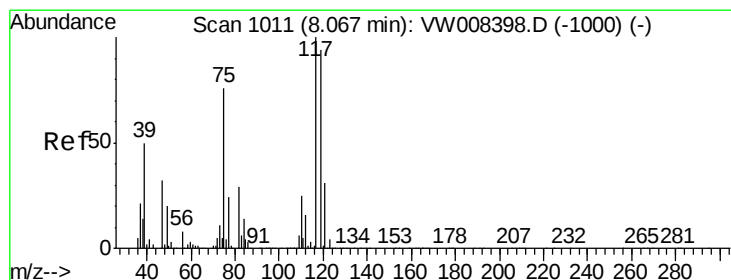
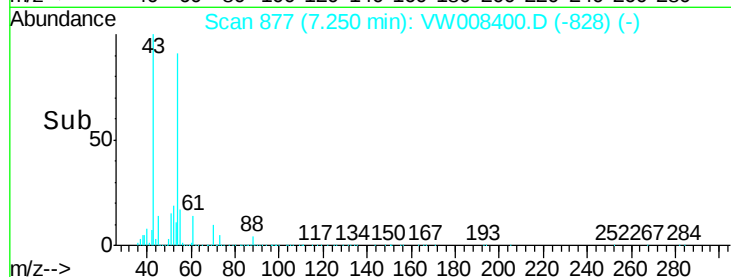
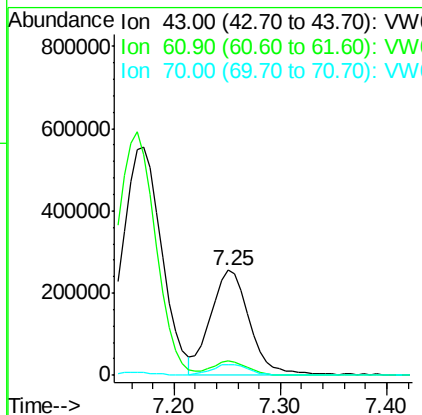
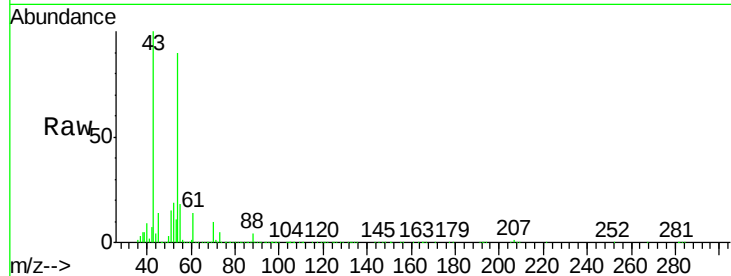
ClientSampleId :

VSTDIC150

Tot Ion:	43	Resp:	636198
Ion	Ratio	Lower	Upper
43	100		
61	12.8	10.1	15.1
70	9.8	7.8	11.6

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 157.032 ug/l

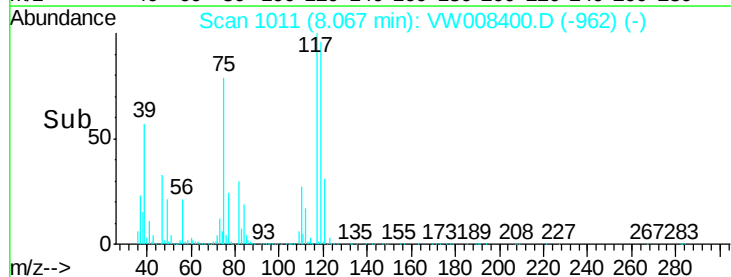
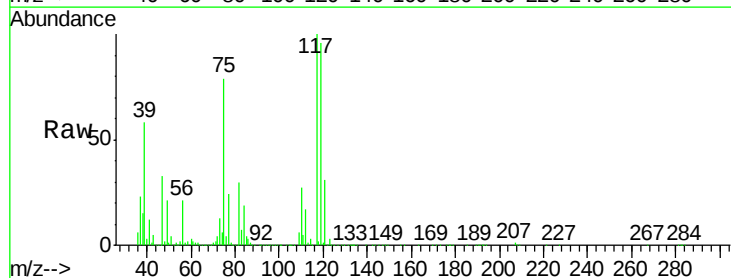
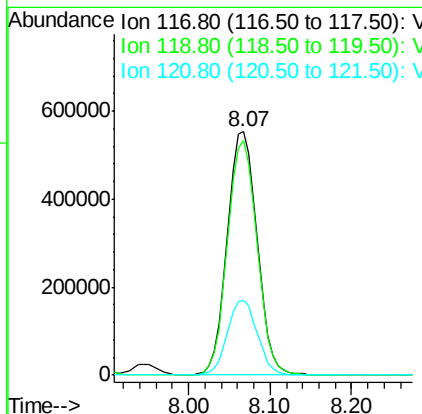
RT: 8.07 min Scan# 1011

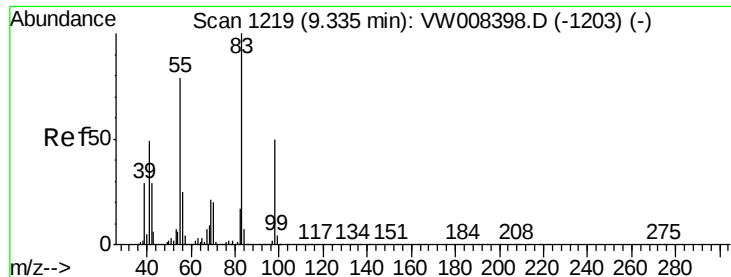
Delta R.T. 0.00 min

Lab File: VW008400.D

Acq: 24 Jan 2019 16:59

Tgt Ion:	117	Resp:	1400409
Ion	Ratio	Lower	Upper
117	100		
119	96.3	75.0	112.4
121	30.9	24.9	37.3





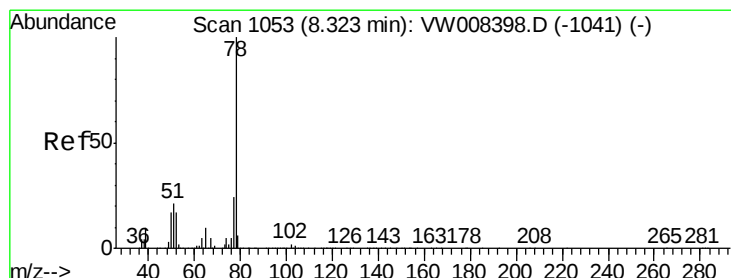
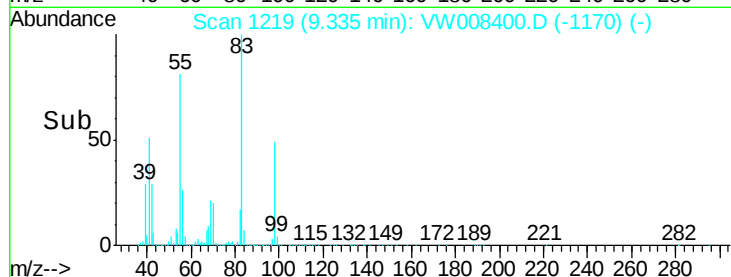
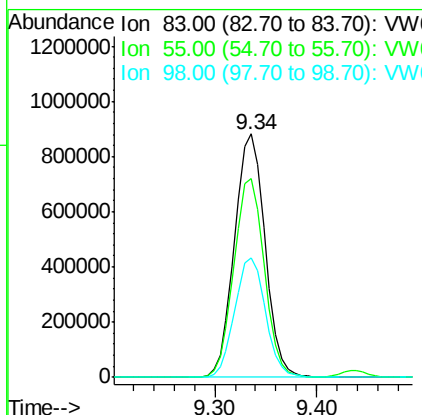
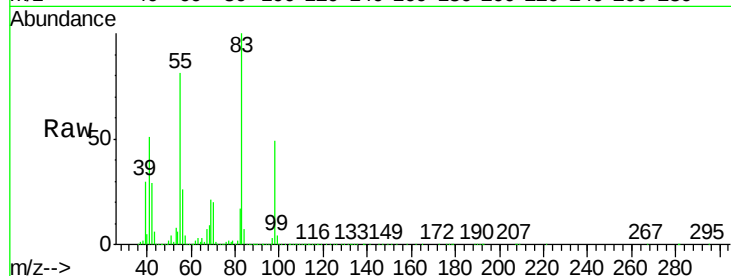
#39
Methvlcvclohexane
Concen: 170.569 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW008400.D
Acq: 24 Jan 2019 16:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
83	100		
55	81.3	63.3	94.9
98	49.0	39.7	59.5

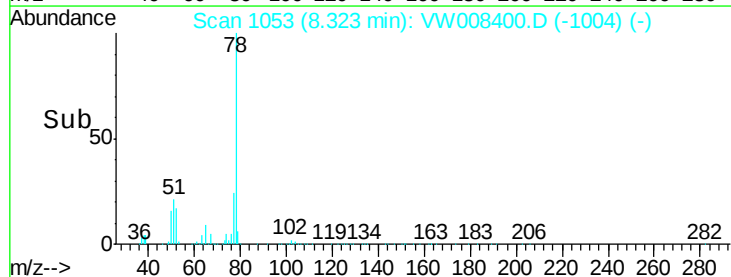
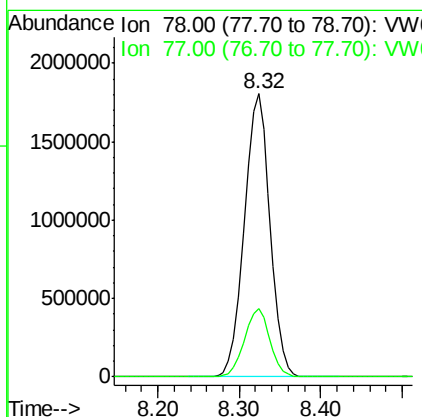
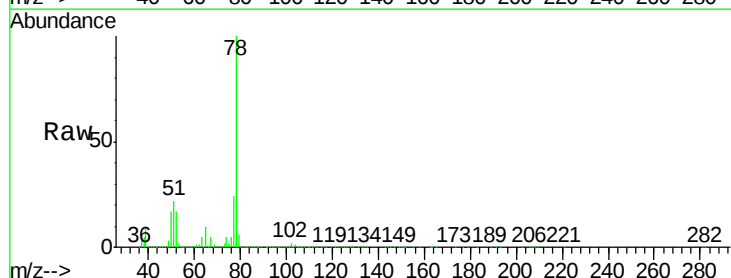
Manual Integrations
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#40
Benzene
Concen: 153.799 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW008400.D
Acq: 24 Jan 2019 16:59

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.0	28.6





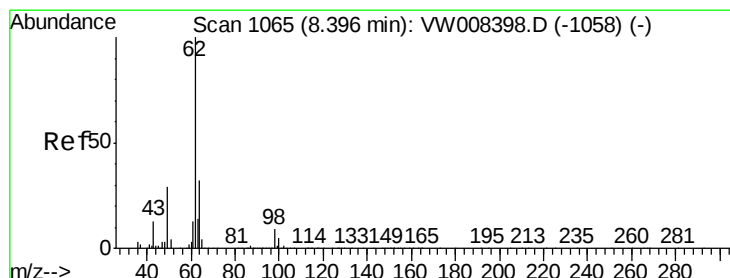
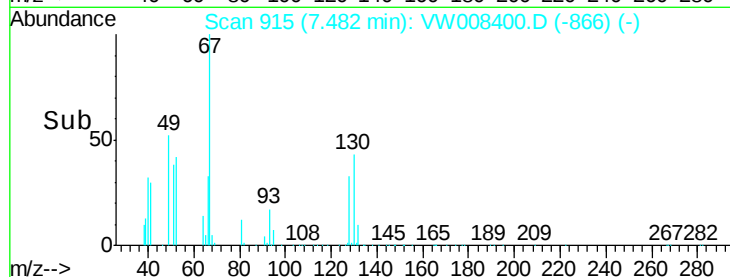
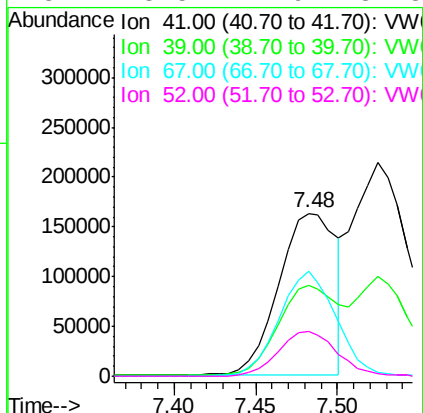
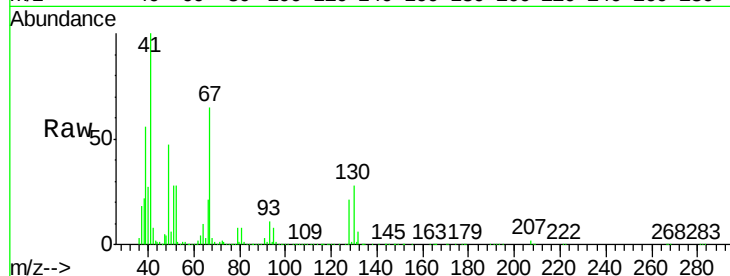
#41
Methacrylonitrile
Concen: 182.064 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW008400.D
Acq: 24 Jan 2019 16:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ion	Ratio	Lower	Upper
394721	41	100		
	39	61.3	43.4	65.0
	67	64.3	54.2	81.2
	52	28.5	22.9	34.3

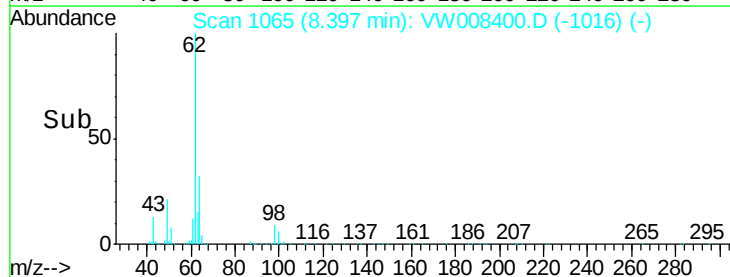
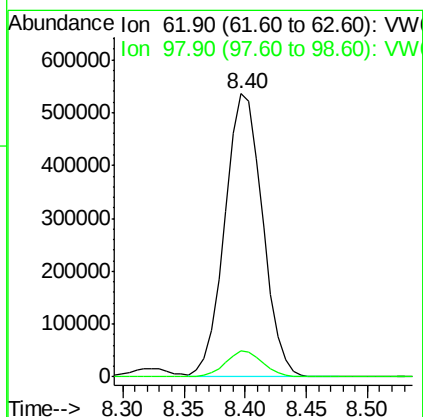
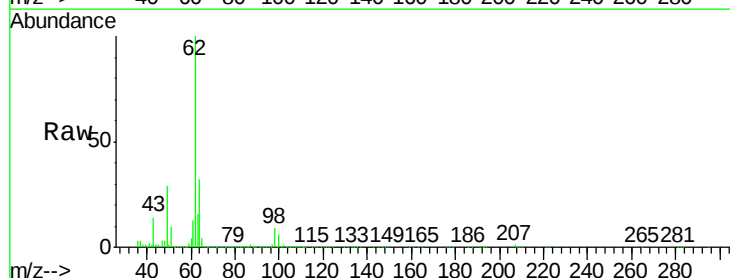
Manual Integrations
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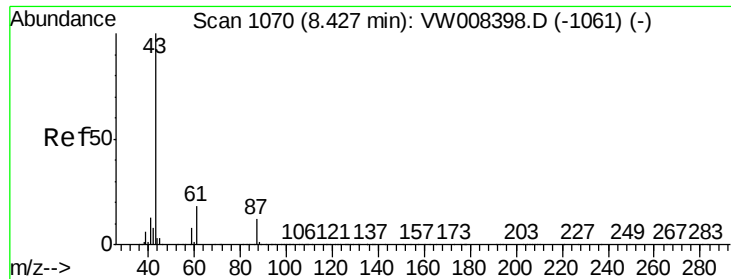
sam
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#42
1,2-Dichloroethane
Concen: 160.037 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW008400.D
Acq: 24 Jan 2019 16:59

Tgt Ion	Ion	Ratio	Lower	Upper
1144838	62	100		
	98	8.9	0.0	18.6





#43

Isopropyl Acetate

Concen: 187.782 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW008400.D

Acq: 24 Jan 2019 16:59

Instrument :

MSVOA_W

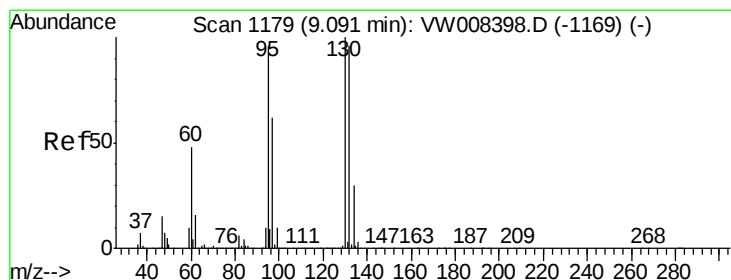
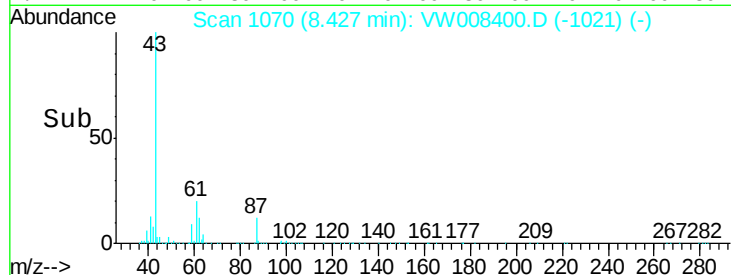
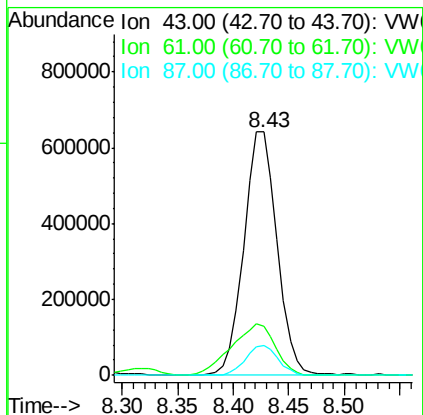
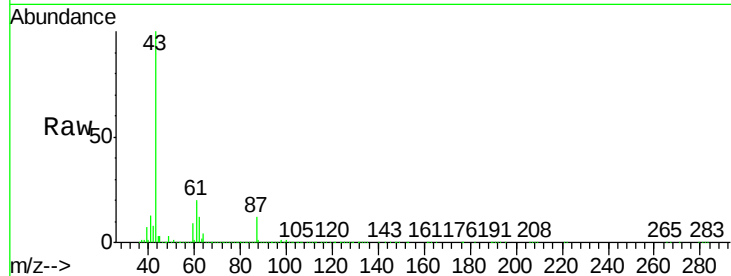
ClientSampleId :

VSTDIC150

Tot Ion:	43	Resp:	1321026
Ion	Ratio	Lower	Upper
43	100		
61	27.9	22.0	33.0
87	12.1	9.3	13.9

Manual Integrations
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#44

Trichloroethene

Concen: 148.931 ug/l

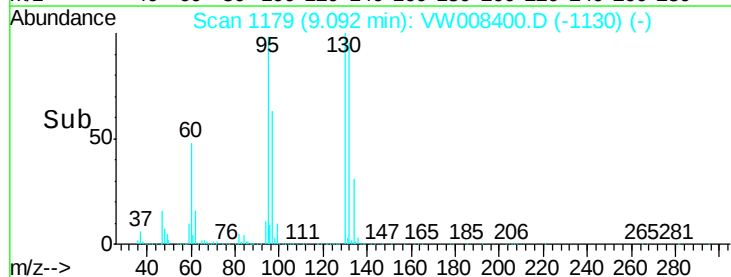
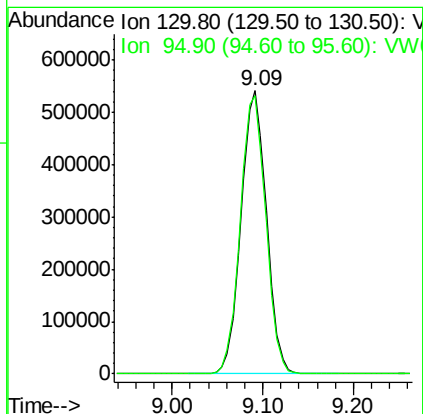
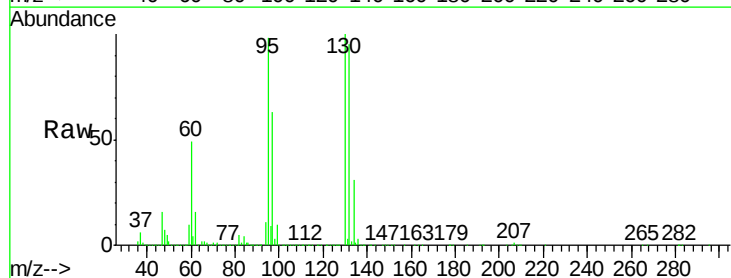
RT: 9.09 min Scan# 1179

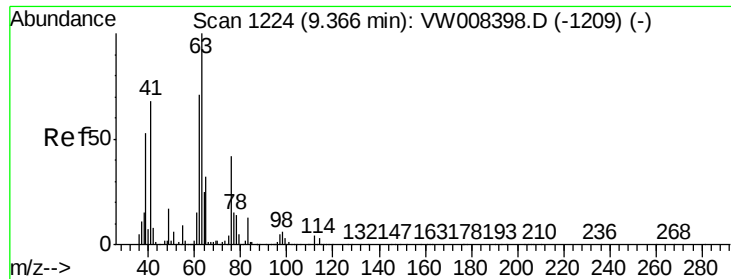
Delta R.T. 0.00 min

Lab File: VW008400.D

Acq: 24 Jan 2019 16:59

Tgt Ion:	130	Resp:	1043845
Ion	Ratio	Lower	Upper
130	100		
95	98.1	0.0	191.6





#45

1,2-Dichloropropane

Concen: 155.103 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW008400.D

Acq: 24 Jan 2019 16:59

Instrument :

MSVOA_W

ClientSampled :

VSTDIC150

Tot Ion: 63 Resp: 985633

Ion Ratio Lower Upper

63 100

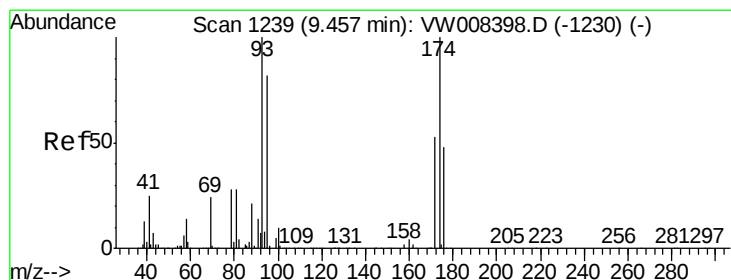
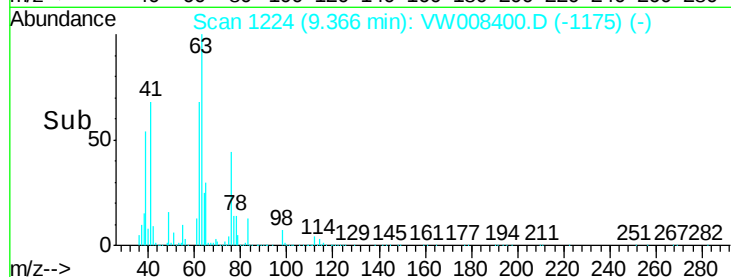
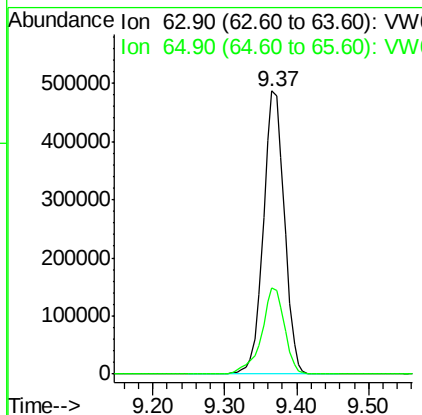
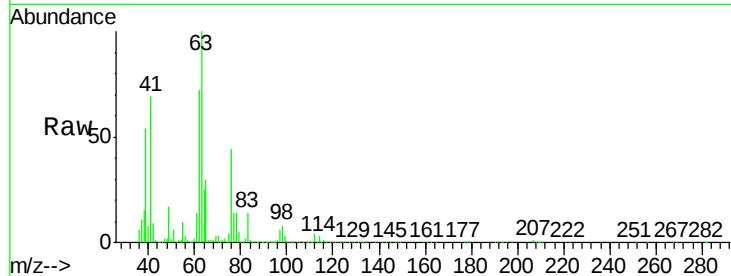
65 30.4 25.2 37.8

Manual Integrations

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#46

Dibromomethane

Concen: 153.088 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW008400.D

Acq: 24 Jan 2019 16:59

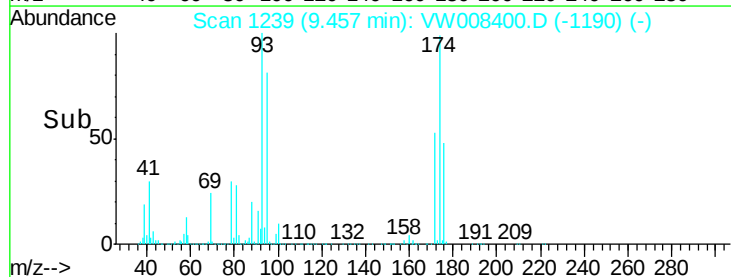
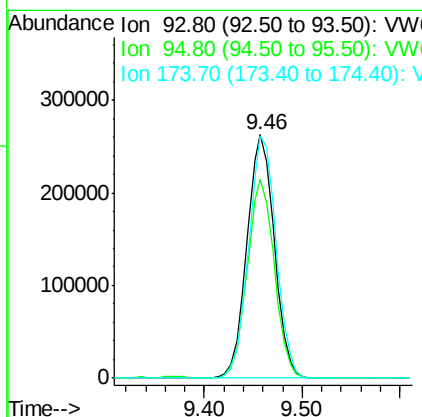
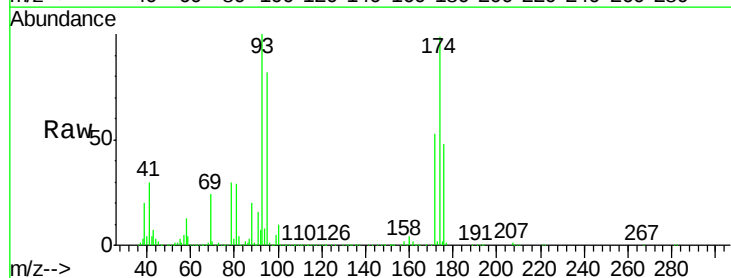
Tgt Ion: 93 Resp: 507027

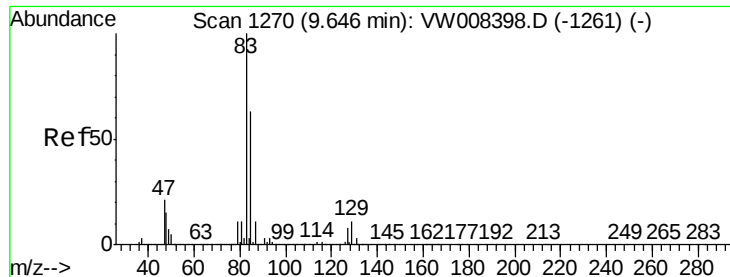
Ion Ratio Lower Upper

93 100

95 81.0 65.9 98.9

174 99.8 81.0 121.6





#47

Bromodichloromethane

Concen: 163.877 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW008400.D

Acq: 24 Jan 2019 16:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 83 Resp: 1338809

Ion Ratio Lower Upper

83 100

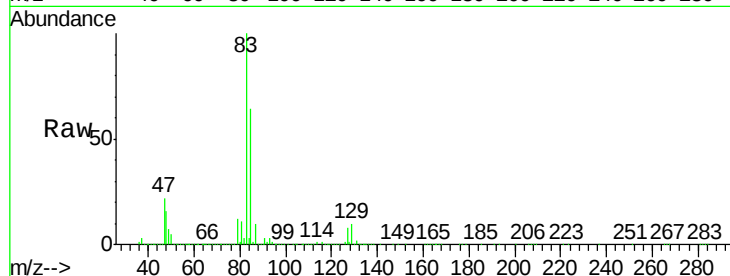
85 63.6 50.8 76.2

127 8.1 6.8 10.2

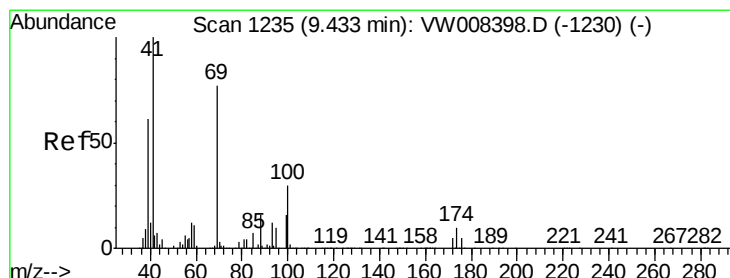
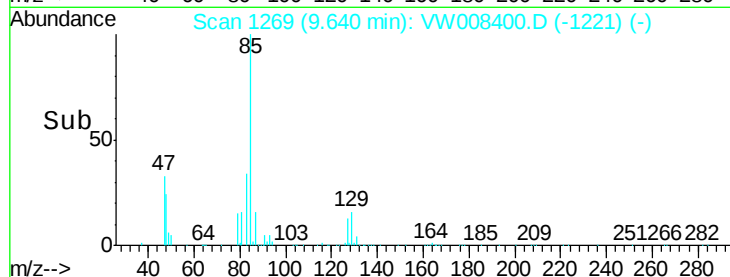
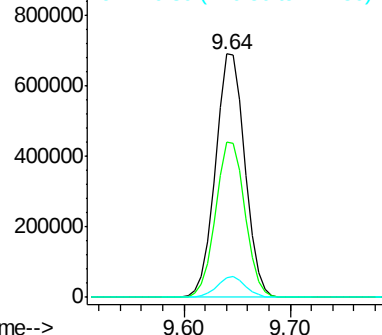
Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 196.012 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VW008400.D

Acq: 24 Jan 2019 16:59

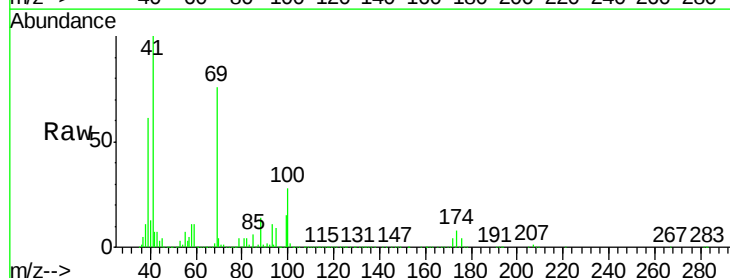
Tgt Ion: 41 Resp: 649136

Ion Ratio Lower Upper

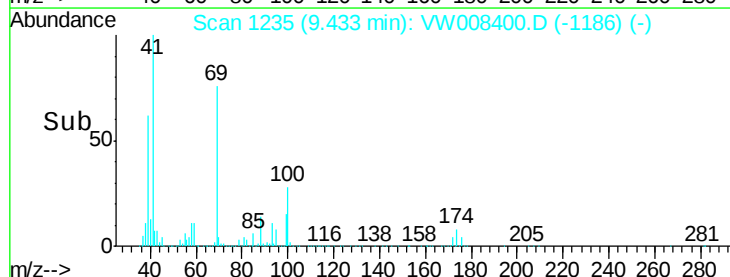
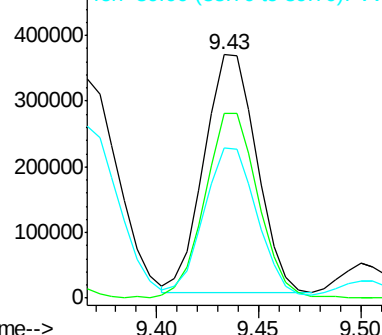
41 100

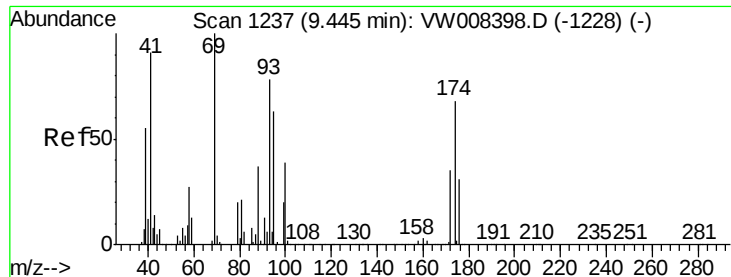
69 78.5 64.8 97.2

39 61.6 49.1 73.7



Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW





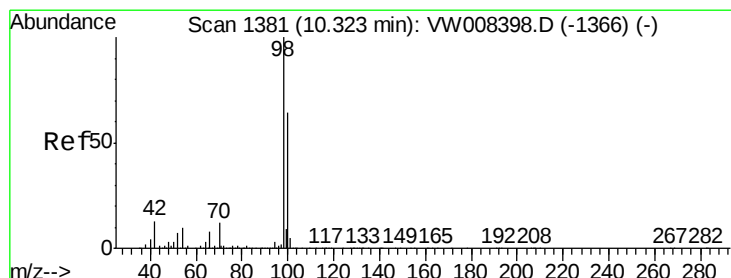
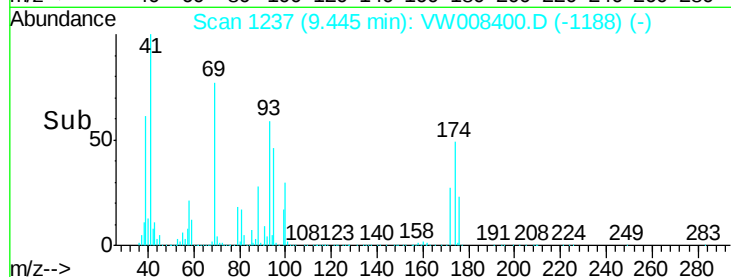
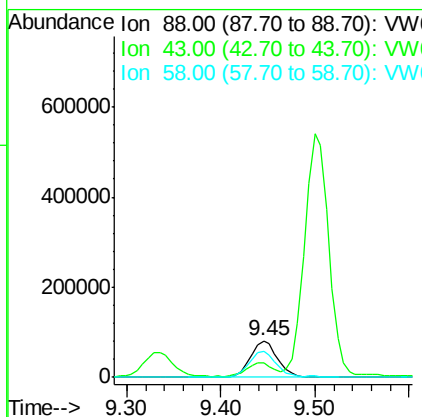
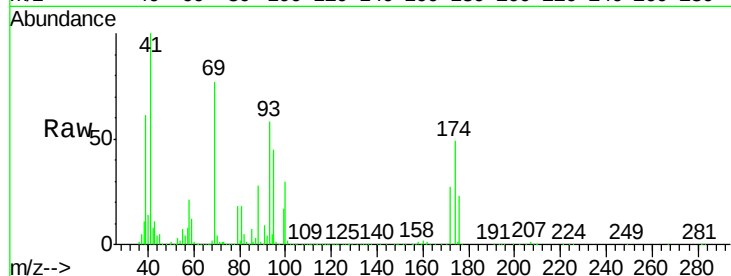
#49
1,4-Dioxane
Concen: 3079.708 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VW008400.D
Acq: 24 Jan 2019 16:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.0	29.0	43.4
58	71.0	56.4	84.6

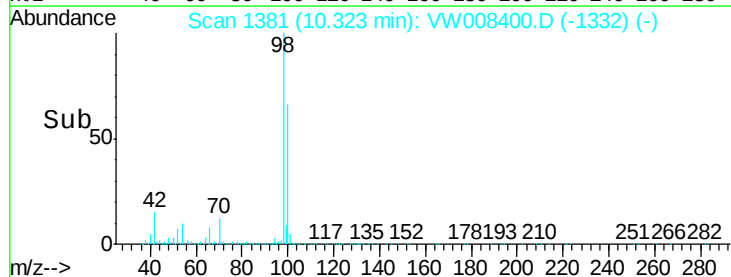
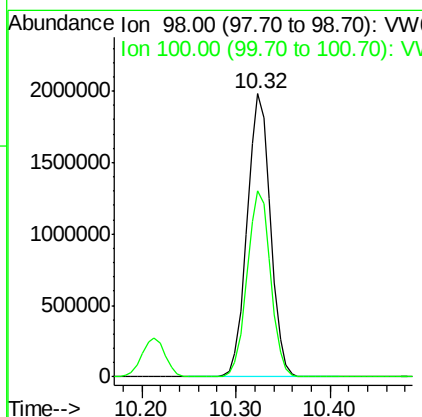
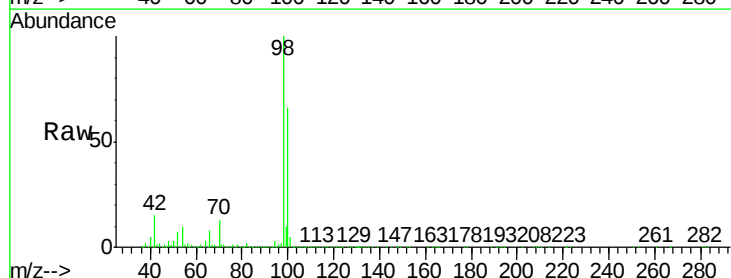
Manual Integrations
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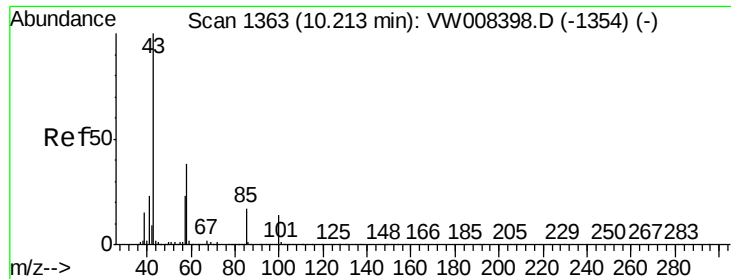
sam
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#50
Toluene-d8
Concen: 152.218 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008400.D
Acq: 24 Jan 2019 16:59

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.2	52.6	78.8





#51

4-Methyl-2-Pentanone

Concen: 924.846 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW008400.D

Acq: 24 Jan 2019 16:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 3294452

Ion Ratio Lower Upper

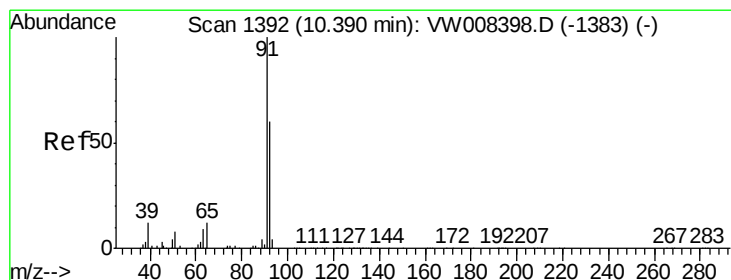
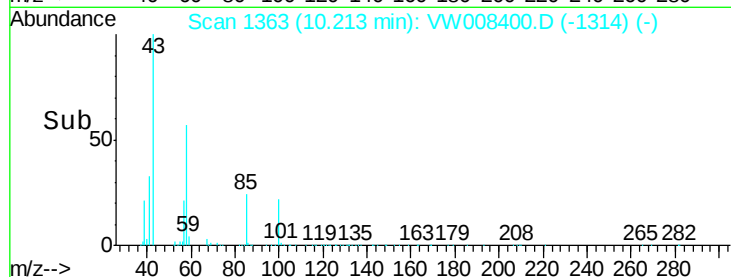
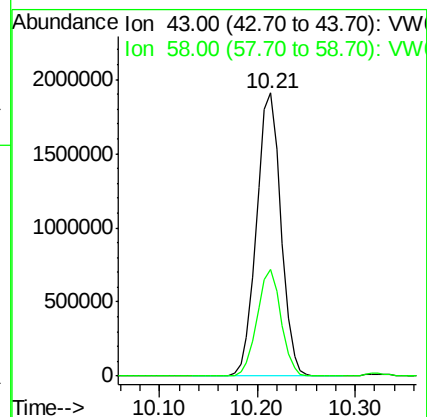
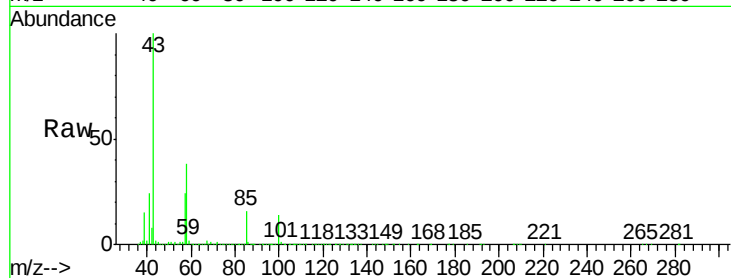
43 100

58 37.0 29.7 44.5

Manual Integrations
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#52

Toluene

Concen: 164.404 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW008400.D

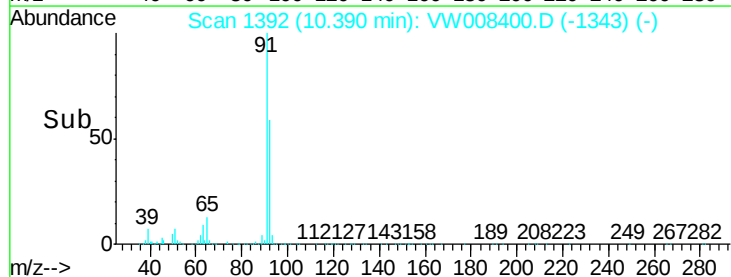
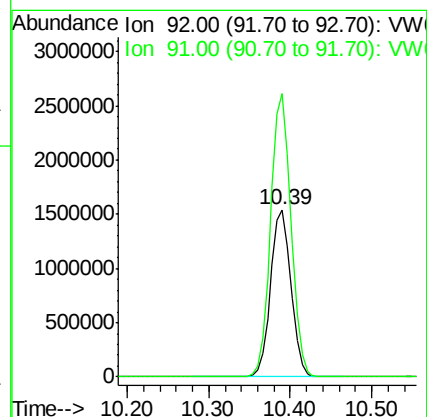
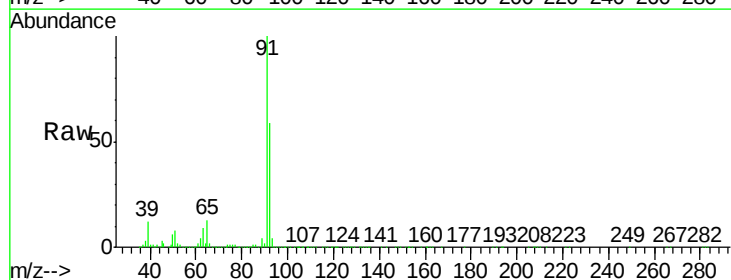
Acq: 24 Jan 2019 16:59

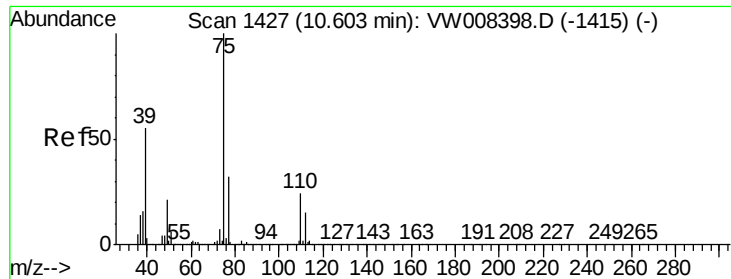
Tgt Ion: 92 Resp: 2661663

Ion Ratio Lower Upper

92 100

91 169.0 135.5 203.3





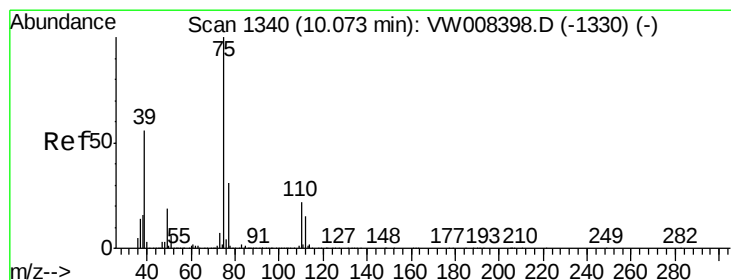
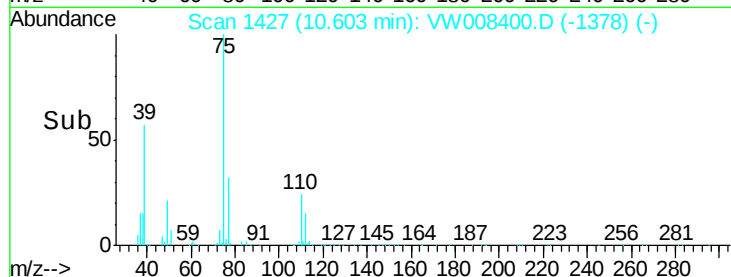
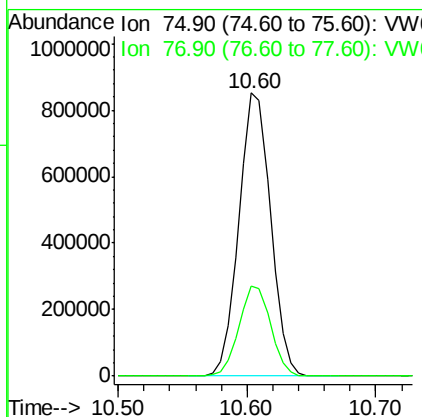
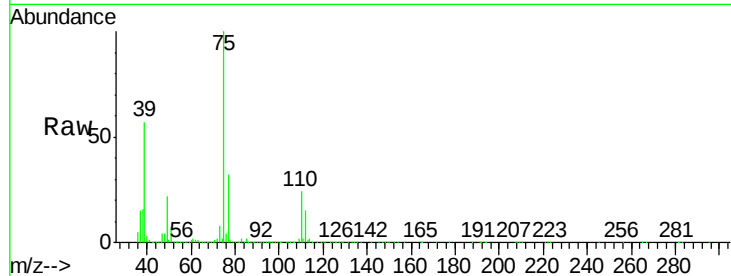
#53
t-1,3-Dichloropropene
Concen: 178.008 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. 0.00 min
Lab File: VW008400.D
Acq: 24 Jan 2019 16:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion: 75 Resp: 1451441
Ion Ratio Lower Upper
75 100
77 31.7 25.3 37.9

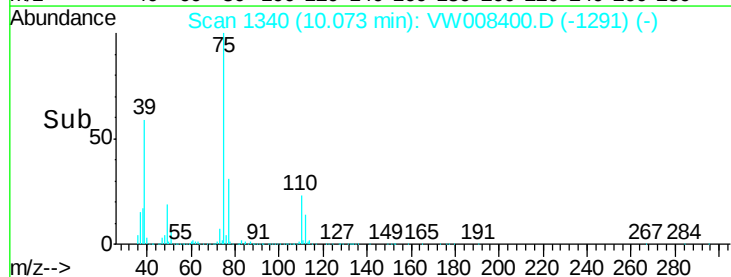
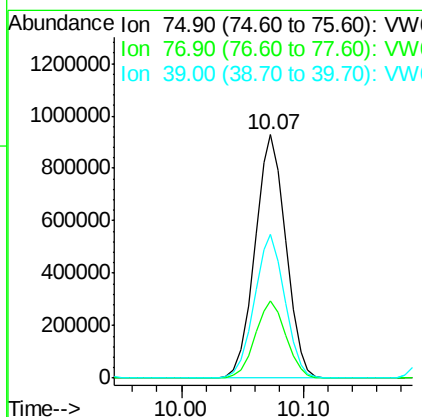
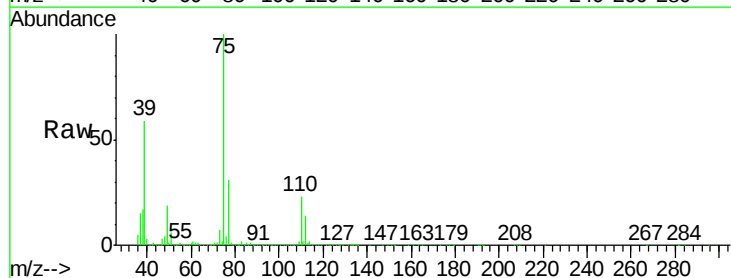
Manual Integrations
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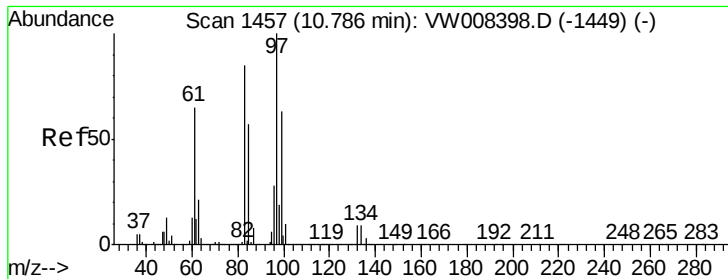
sam
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#54
cis-1,3-Dichloropropene
Concen: 169.088 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW008400.D
Acq: 24 Jan 2019 16:59

Tgt Ion: 75 Resp: 1625279
Ion Ratio Lower Upper
75 100
77 31.4 25.0 37.4
39 58.8 44.9 67.3





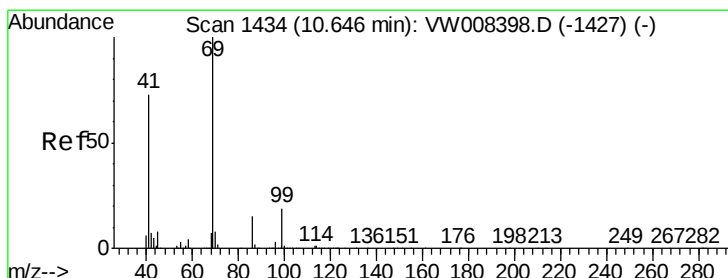
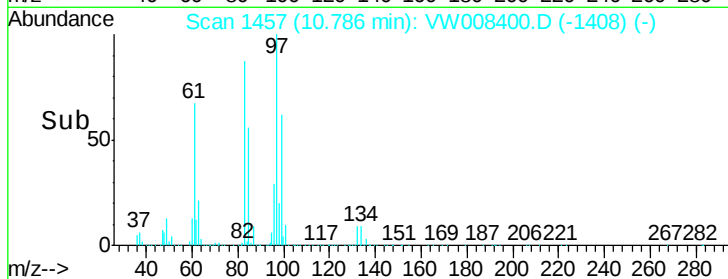
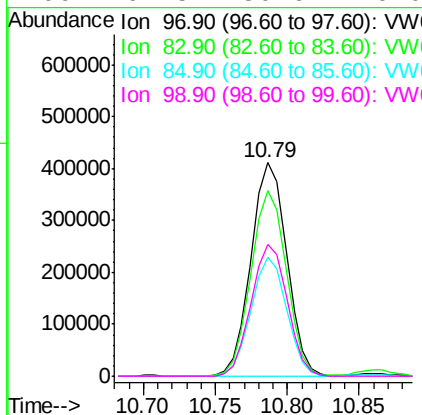
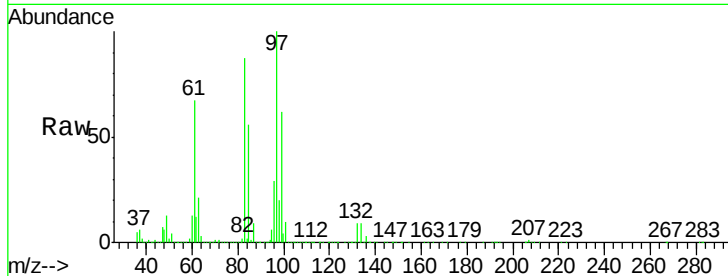
#55
 1,1,2-Trichloroethane
 Concen: 154.044 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW008400.D
 Acq: 24 Jan 2019 16:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion:	97	Resp:	707642
Ion	Ratio	Lower	Upper
97	100		
83	86.8	68.4	102.6
85	55.8	45.3	67.9
99	61.5	50.6	76.0

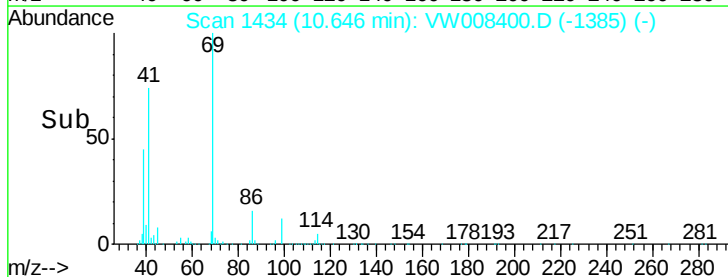
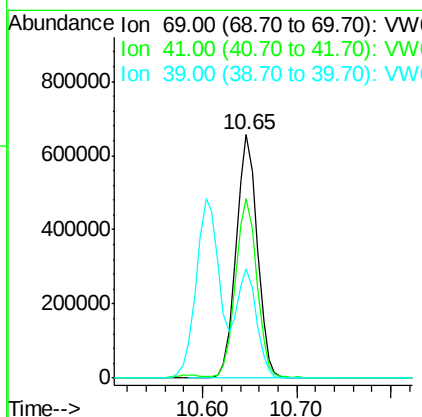
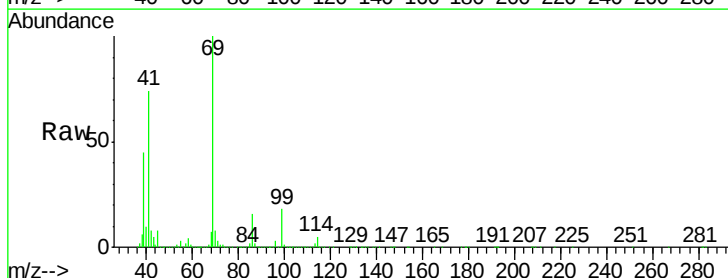
Manual Integrations
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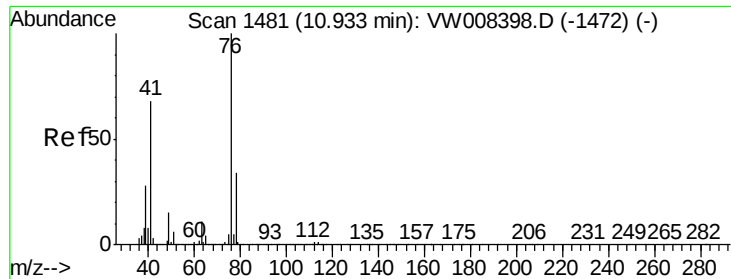
sam
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#56
 Ethyl methacrylate
 Concen: 189.016 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW008400.D
 Acq: 24 Jan 2019 16:59

Tgt Ion:	69	Resp:	1019736
Ion	Ratio	Lower	Upper
69	100		
41	74.1	58.7	88.1
39	42.1	32.6	48.8





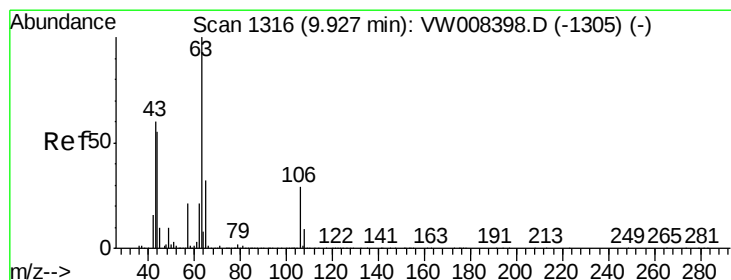
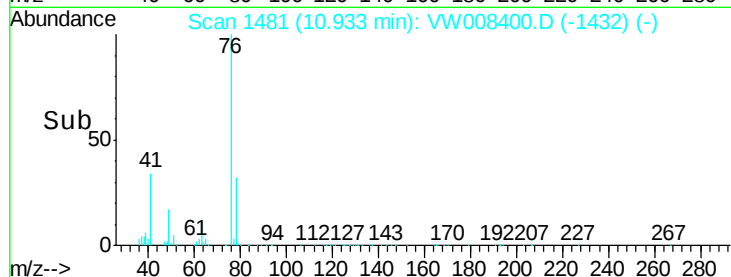
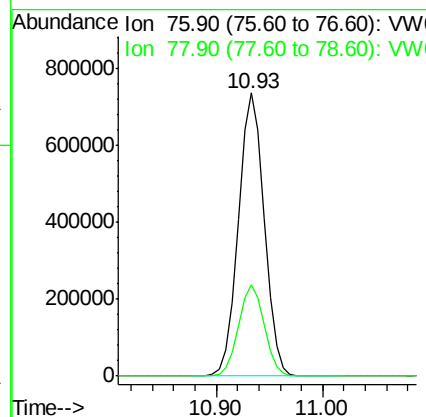
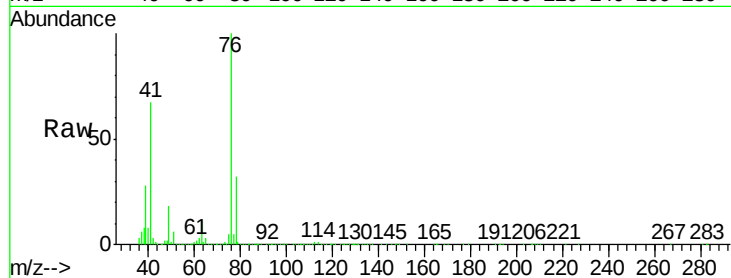
#57
 1,3-Dichloropropane
 Concen: 156.958 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW008400.D
 Acq: 24 Jan 2019 16:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Tot Ion: 76 Resp: 1251925
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.8 38.8

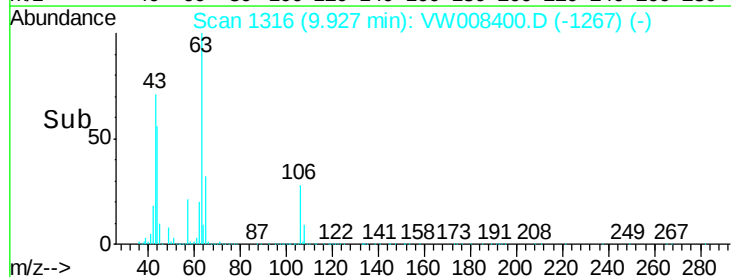
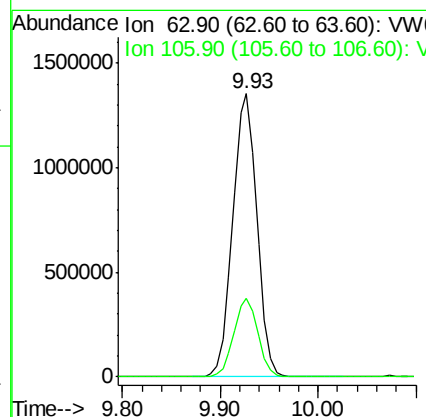
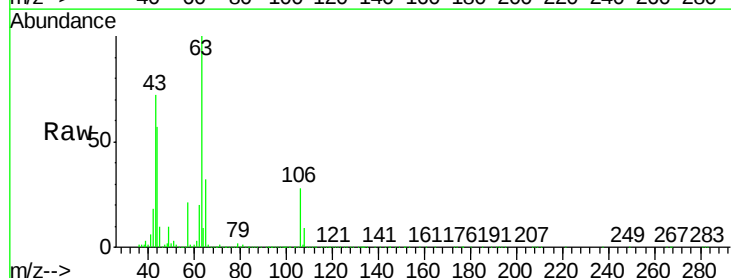
Manual Integrations
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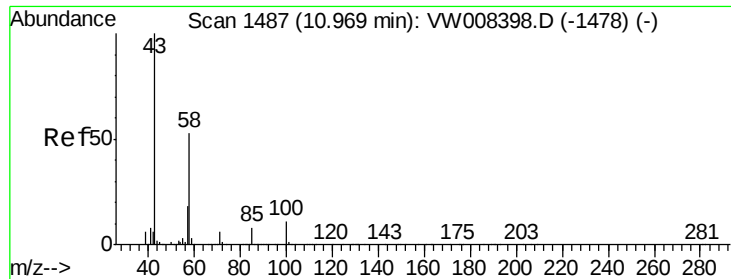
sam
 1/25/2019 1:43:57 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 888.070 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW008400.D
 Acq: 24 Jan 2019 16:59

Tgt Ion: 63 Resp: 2311016
 Ion Ratio Lower Upper
 63 100
 106 27.6 22.4 33.6





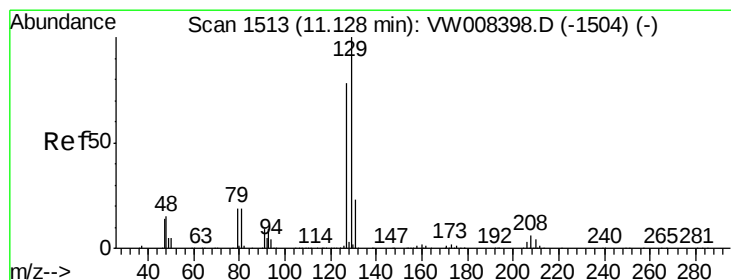
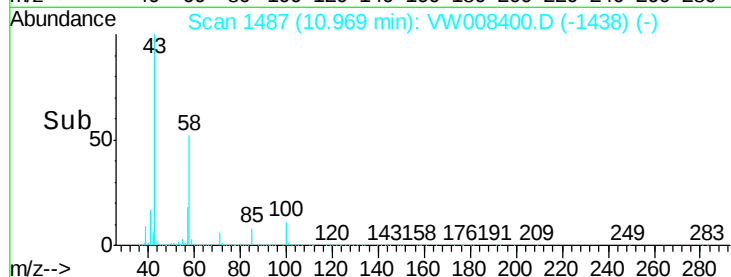
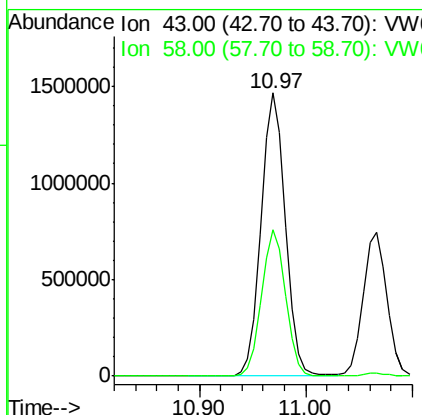
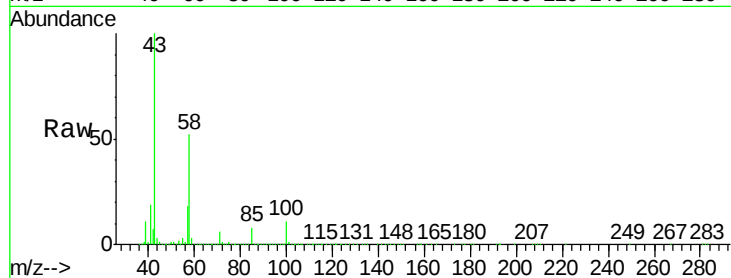
#59
2-Hexanone
Concen: 937.454 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW008400.D
Acq: 24 Jan 2019 16:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 2339766
Ion Ratio Lower Upper
43 100
58 51.3 25.9 77.7

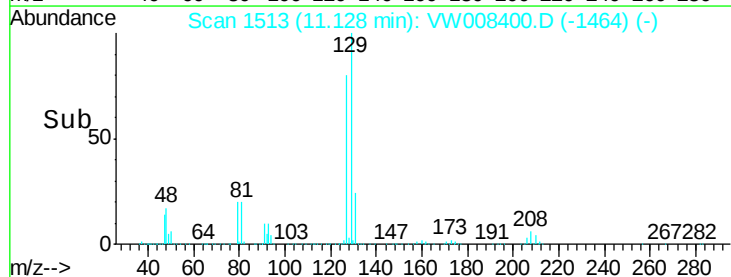
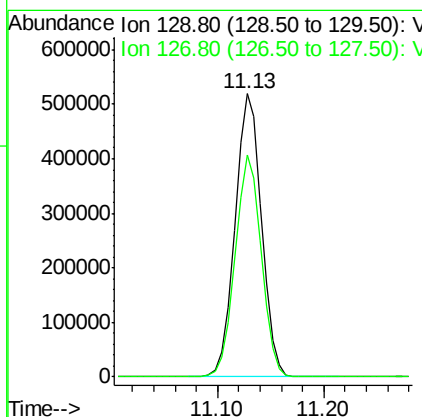
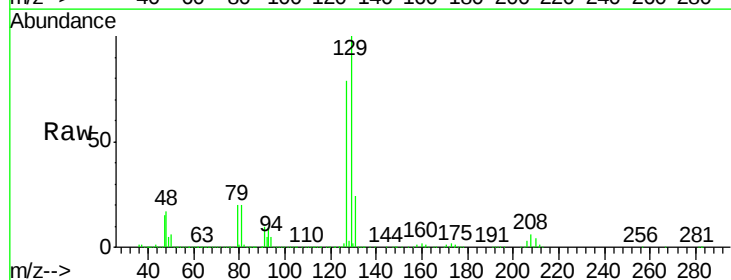
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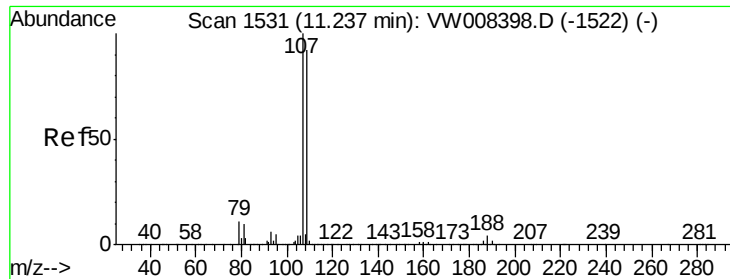
sam
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#60
Dibromochloromethane
Concen: 164.679 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW008400.D
Acq: 24 Jan 2019 16:59

Tgt Ion: 129 Resp: 902856
Ion Ratio Lower Upper
129 100
127 77.7 39.1 117.2





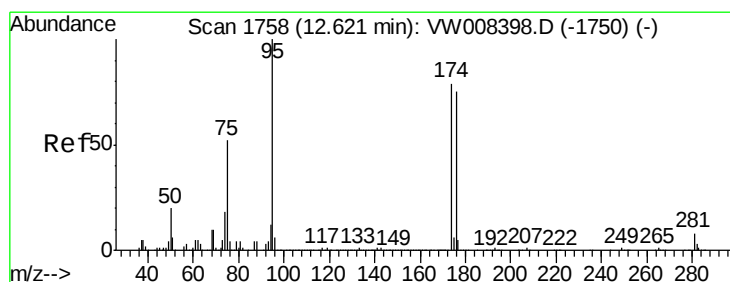
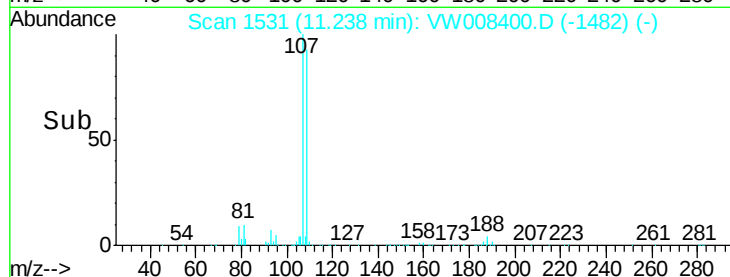
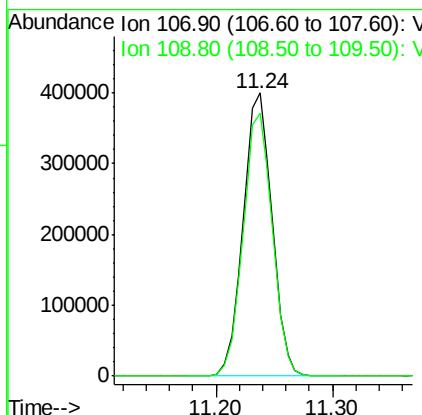
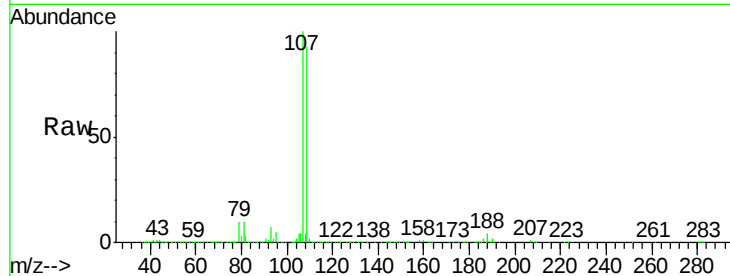
#61
 1,2-Dibromoethane
 Concen: 155.887 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW008400.D
 Acq: 24 Jan 2019 16:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.0	75.0	112.4

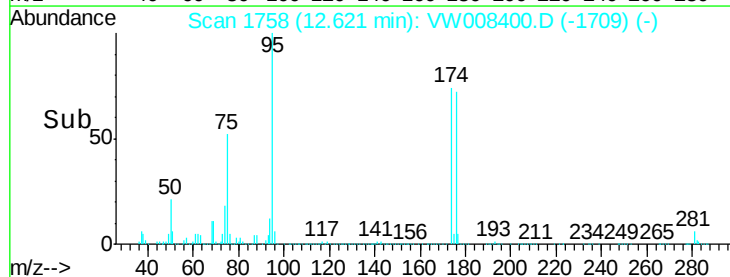
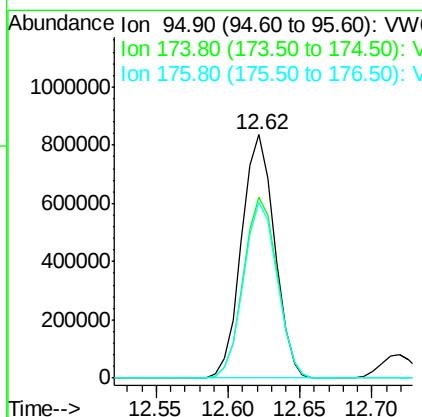
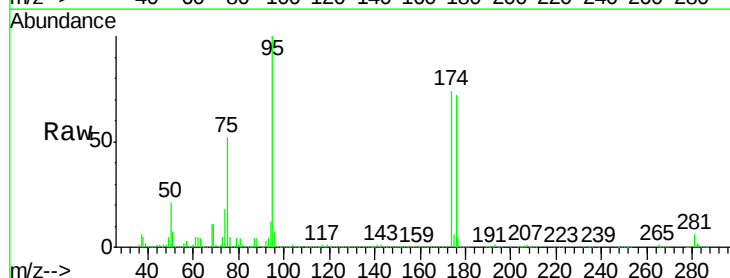
Manual Integrations
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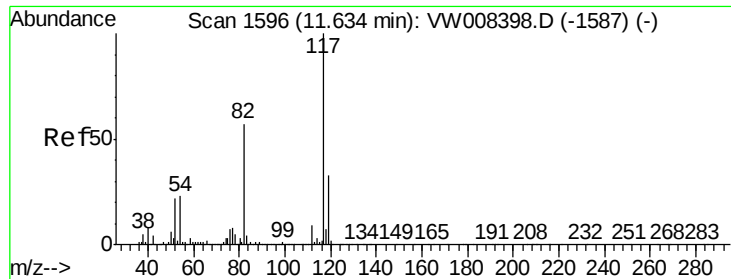
Sam
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#62
 4-Bromofluorobenzene
 Concen: 164.822 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW008400.D
 Acq: 24 Jan 2019 16:59

Tgt Ion	Ratio	Lower	Upper
95	100		
174	76.1	0.0	157.6
176	73.6	0.0	151.8





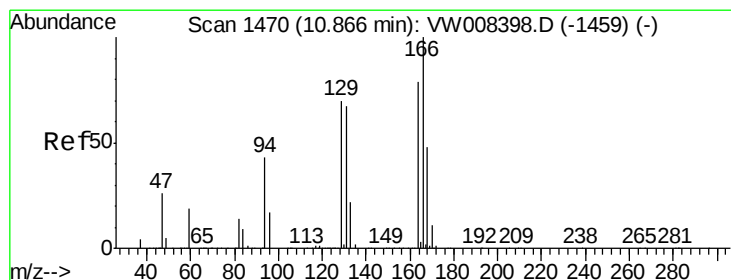
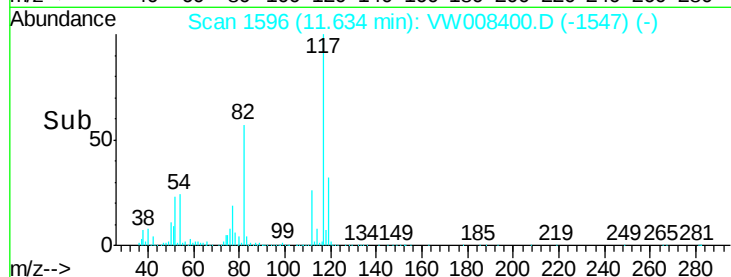
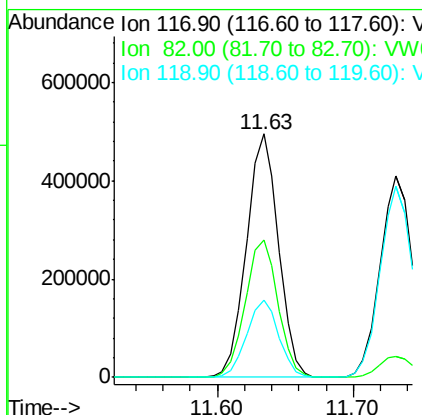
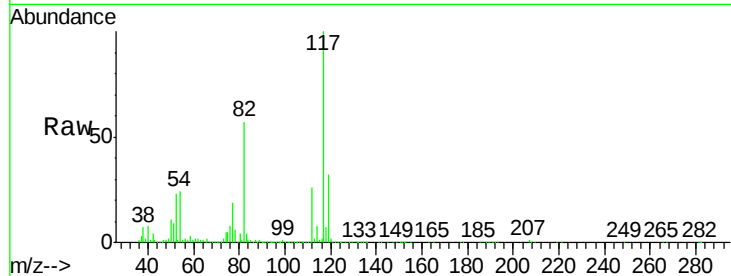
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008400.D
Acq: 24 Jan 2019 16:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	56.6	45.4	68.0
119	31.7	26.2	39.4

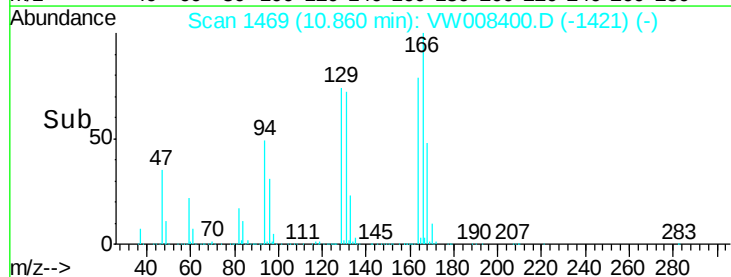
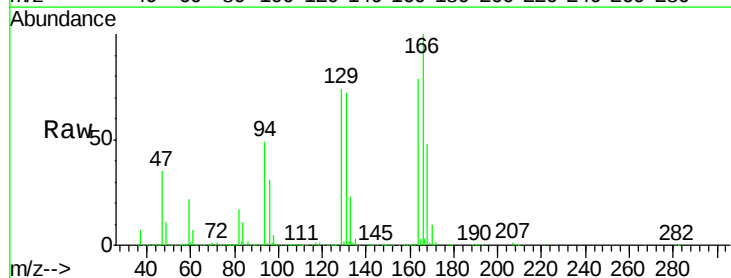
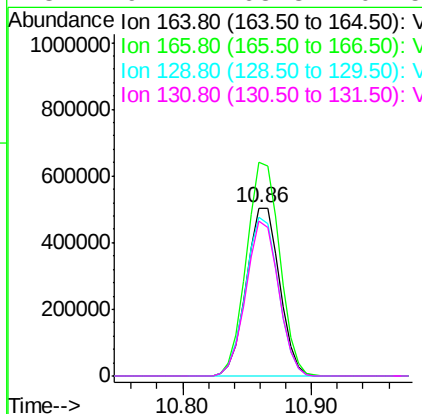
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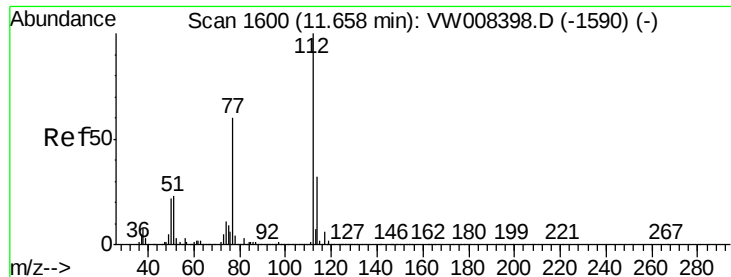
sam
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#64
Tetrachloroethene
Concen: 155.860 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW008400.D
Acq: 24 Jan 2019 16:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	126.9	101.4	152.0
129	94.2	71.0	106.6
131	91.7	68.3	102.5





#65

Chlorobenzene

Concen: 156.229 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW008400.D

Acq: 24 Jan 2019 16:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion:112 Resp: 2789609

Ion Ratio Lower Upper

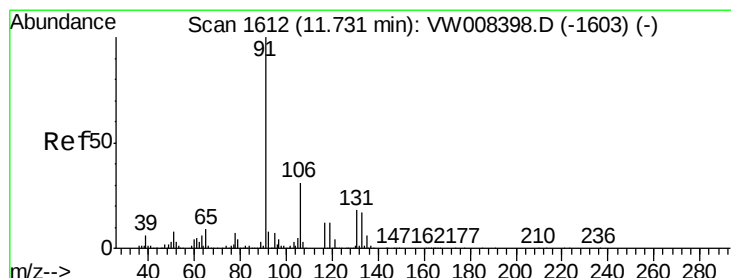
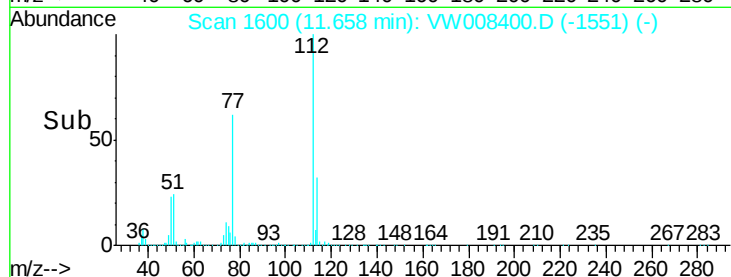
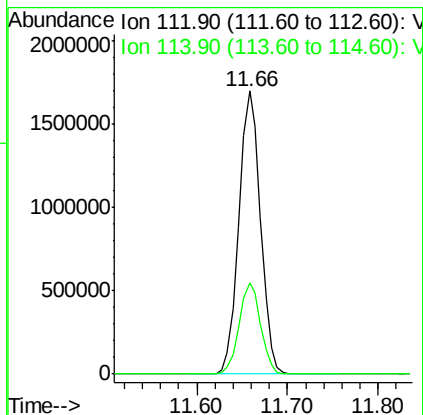
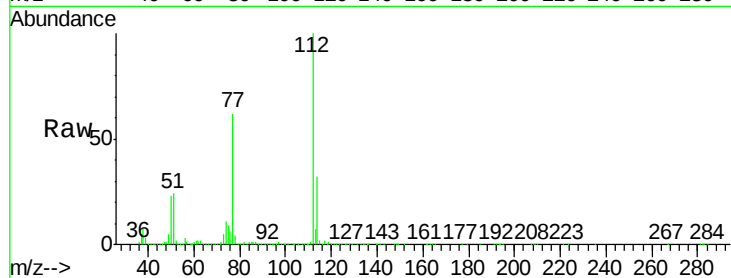
112 100

114 32.3 25.4 38.2

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 163.517 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW008400.D

Acq: 24 Jan 2019 16:59

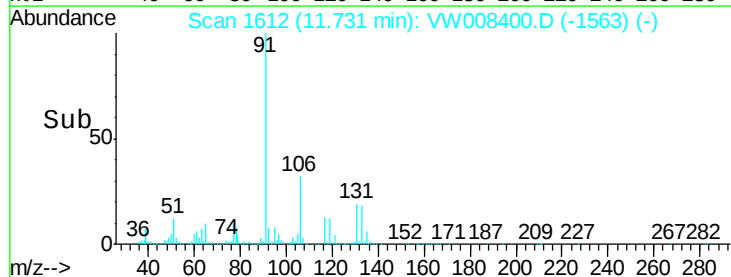
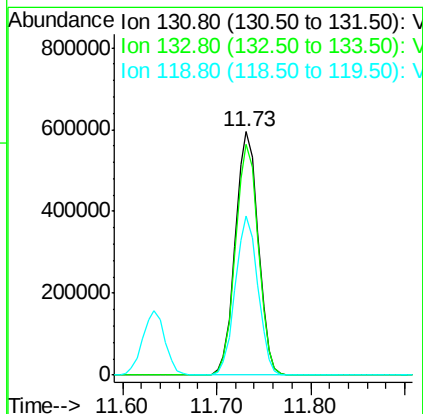
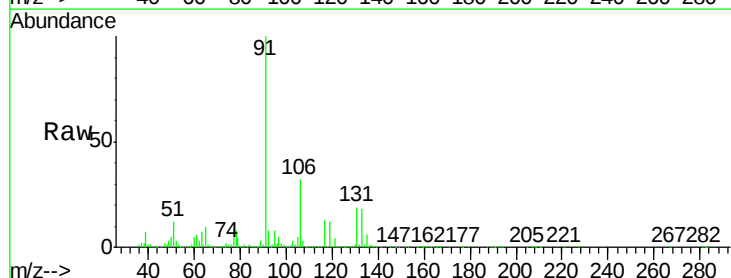
Tgt Ion:131 Resp: 1004898

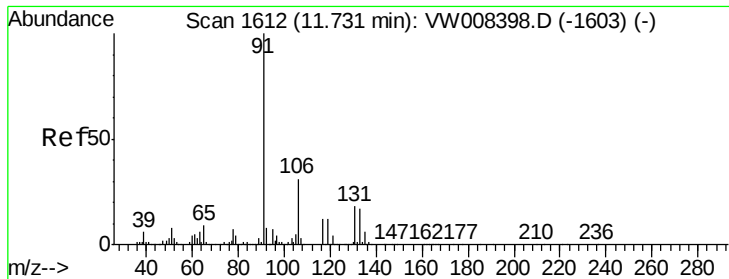
Ion Ratio Lower Upper

131 100

133 94.6 47.0 141.2

119 64.4 32.1 96.3





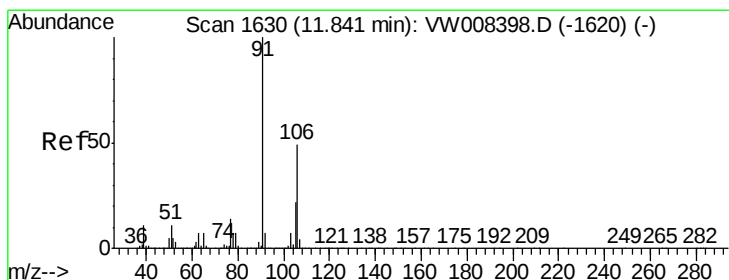
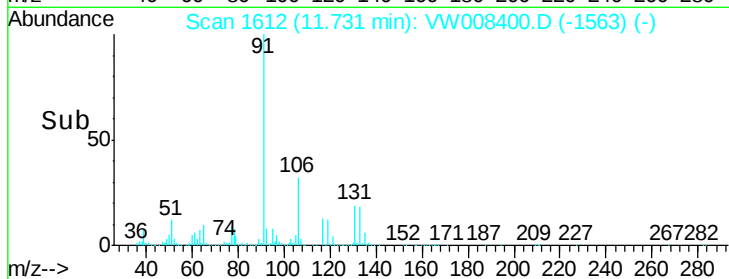
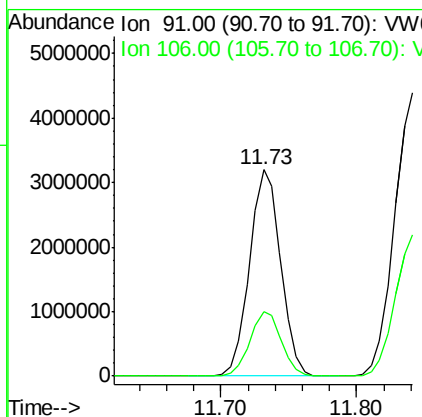
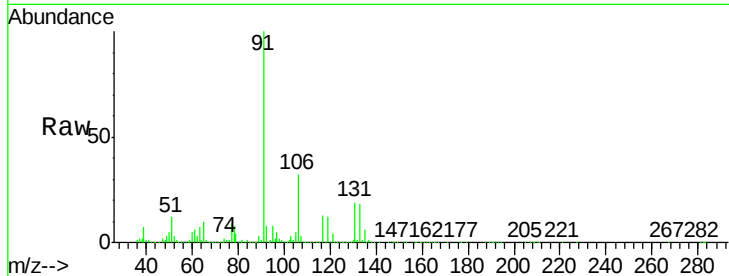
#67
Ethyl Benzene
Concen: 165.549 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008400.D
Acq: 24 Jan 2019 16:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 5132607
Ion Ratio Lower Upper
91 100
106 31.5 24.7 37.1

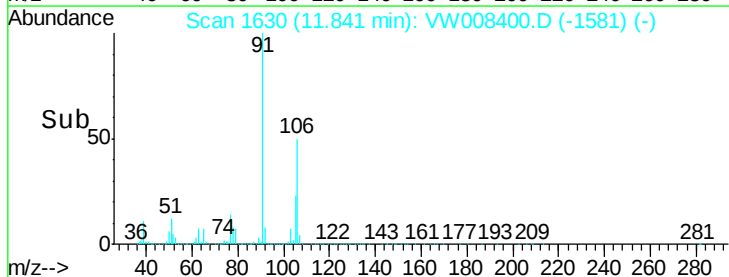
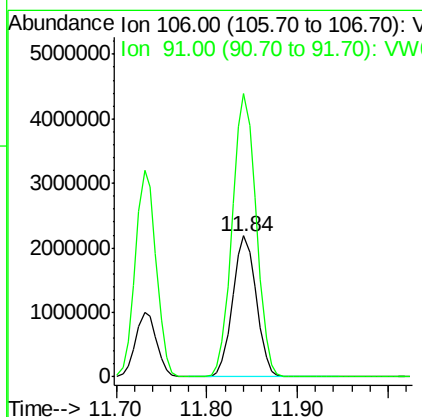
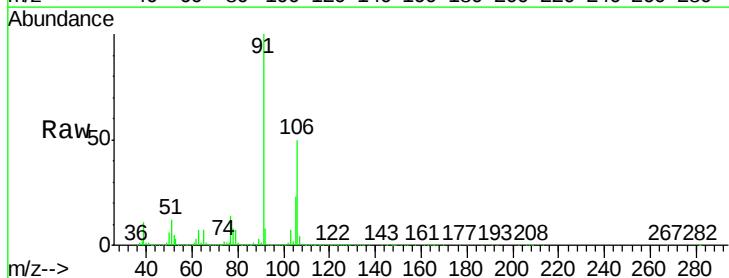
Manual Integrations
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#68
m/p-Xylenes
Concen: 331.084 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW008400.D
Acq: 24 Jan 2019 16:59

Tgt Ion: 106 Resp: 3984227
Ion Ratio Lower Upper
106 100
91 203.3 162.9 244.3





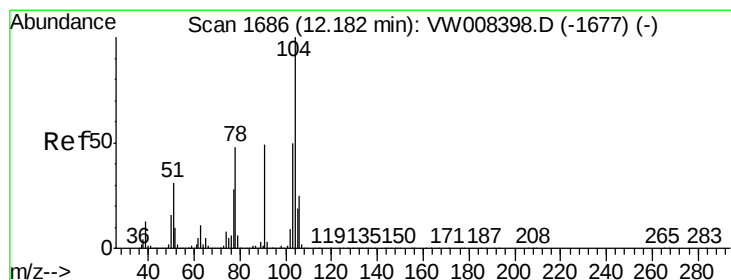
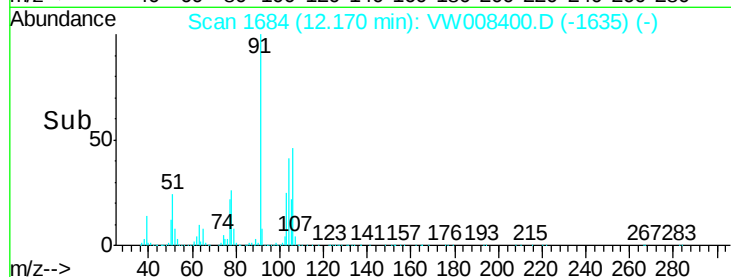
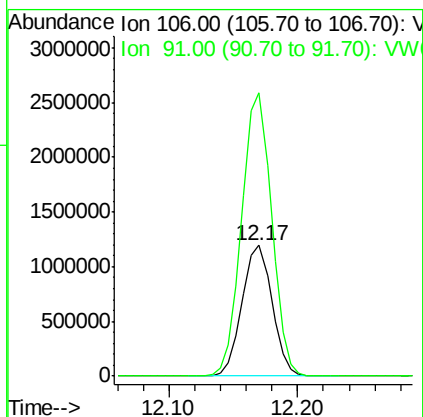
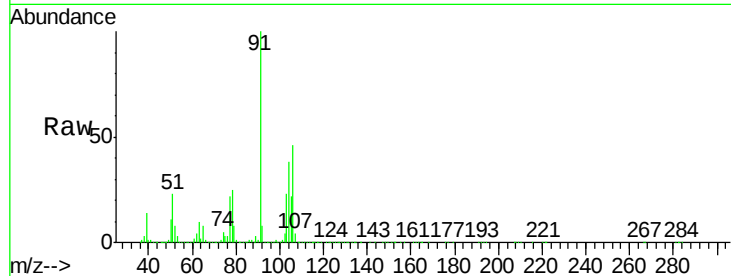
#69
o-Xylene
Concen: 171.700 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW008400.D
Acq: 24 Jan 2019 16:59

Instrument :
MSVOA_W
ClientSampled :
VSTDIC150

Tot Ion:106 Resp: 1930395
Ion Ratio Lower Upper
106 100
91 215.8 107.5 322.4

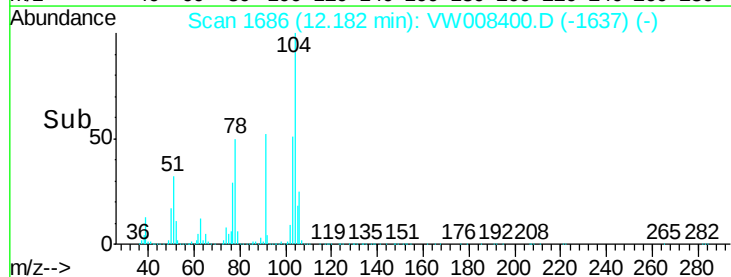
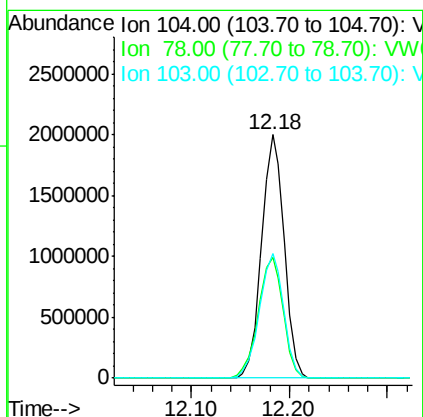
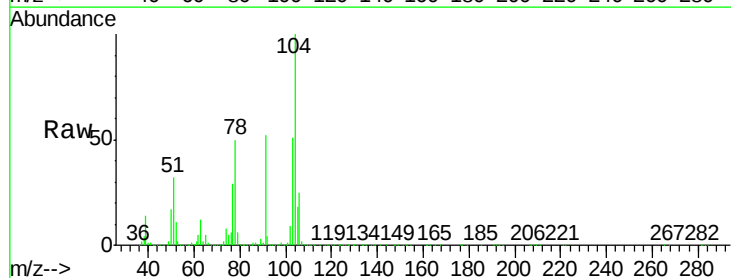
Manual Integrations
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#70
Styrene
Concen: 179.186 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW008400.D
Acq: 24 Jan 2019 16:59

Tgt Ion:104 Resp: 3235909
Ion Ratio Lower Upper
104 100
78 54.5 42.4 63.6
103 54.6 43.4 65.0





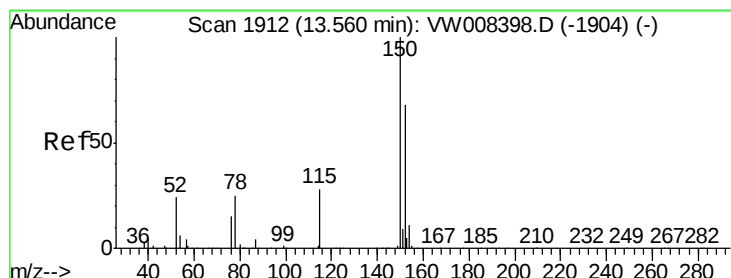
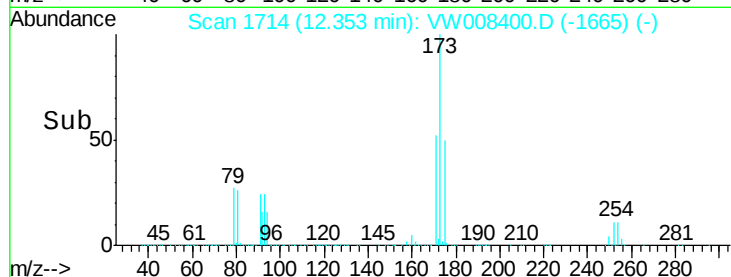
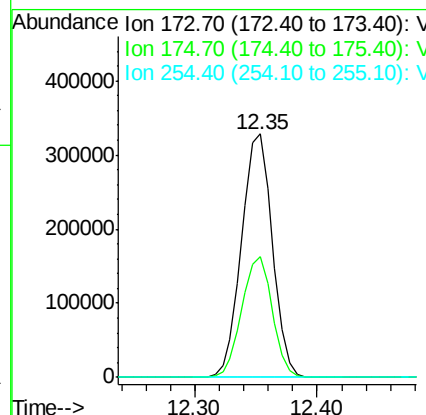
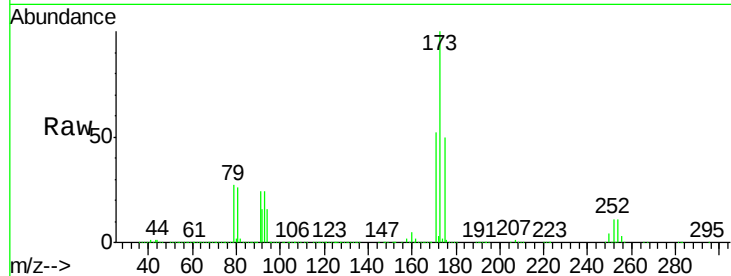
#71
Bromoform
Concen: 187.012 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VW008400.D
Acq: 24 Jan 2019 16:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.4	73.4
254	0.0	0.2	0.2

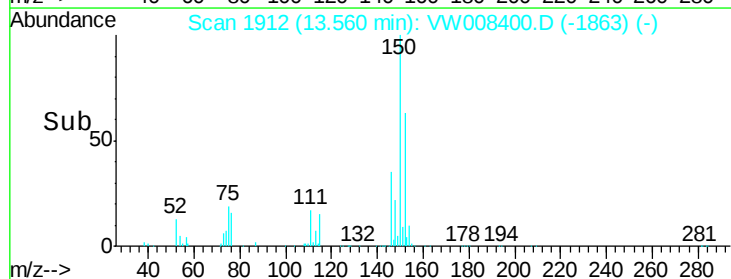
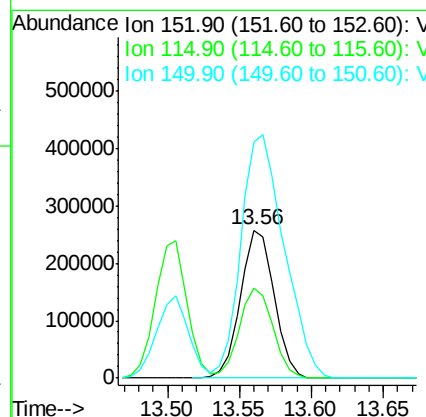
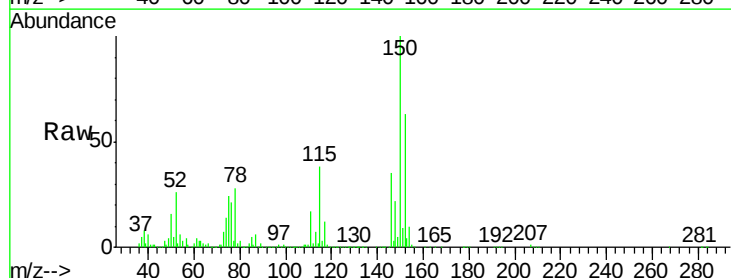
Manual Integrations
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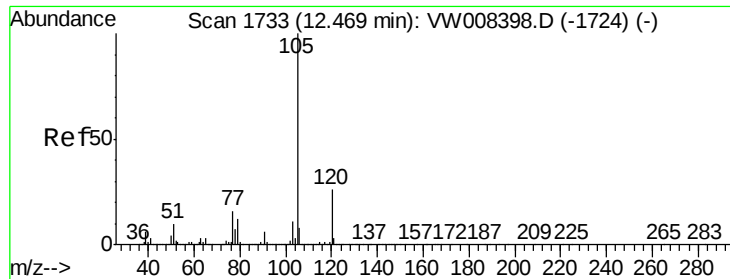
sam
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008400.D
Acq: 24 Jan 2019 16:59

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.5	29.9	89.7
150	210.9	0.0	351.4





#73

Isopropylbenzene

Concen: 174.049 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW008400.D

Acq: 24 Jan 2019 16:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 5292629

Ion Ratio Lower Upper

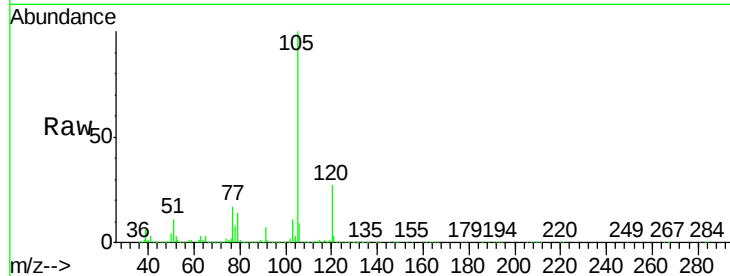
105 100

120 26.9 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

4000000

3000000

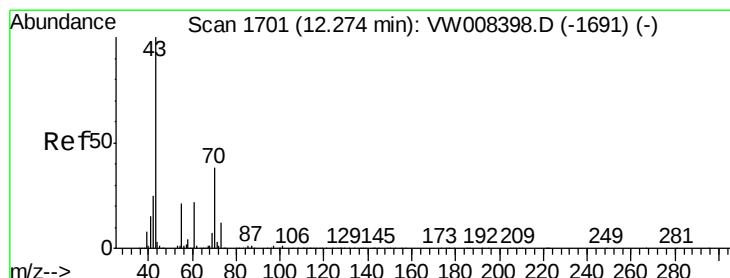
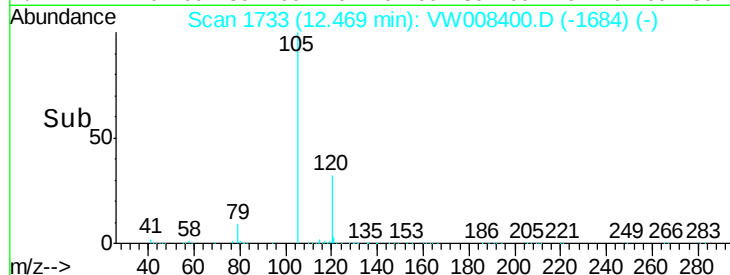
2000000

1000000

0

12.40 12.50

Time-->



#74

N-ethyl acetate

Concen: 219.456 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW008400.D

Acq: 24 Jan 2019 16:59

Tgt Ion: 43 Resp: 1430142

Ion Ratio Lower Upper

43 100

70 39.1 31.0 46.6

55 21.5 17.4 26.2

61 23.0 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

1500000

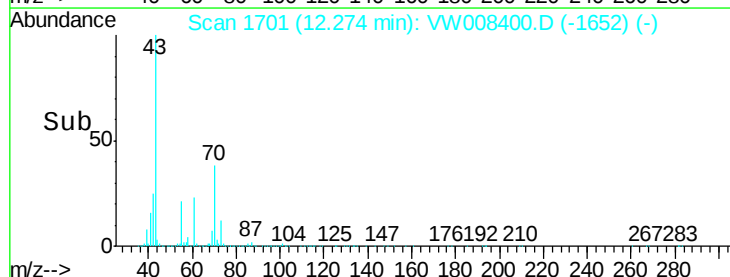
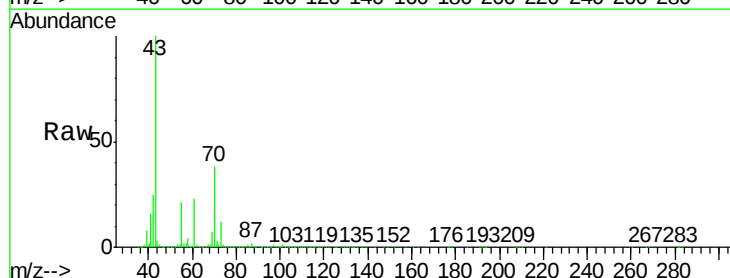
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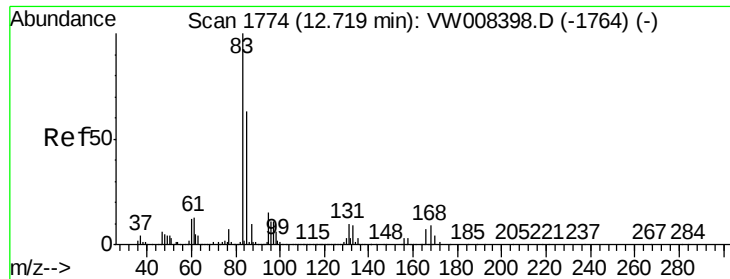
500000

0

12.20 12.30

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 162.388 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW008400.D

Acq: 24 Jan 2019 16:59

Instrument :

MSVOA_W

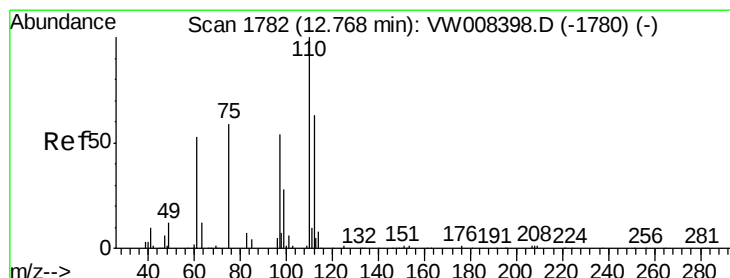
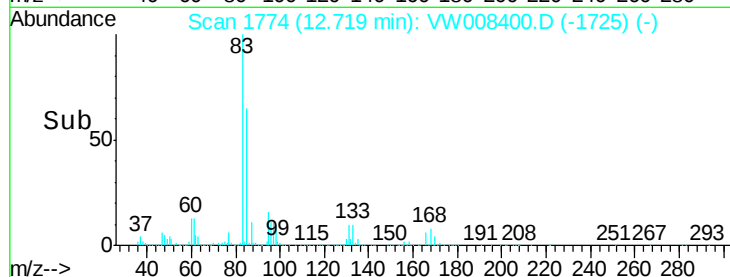
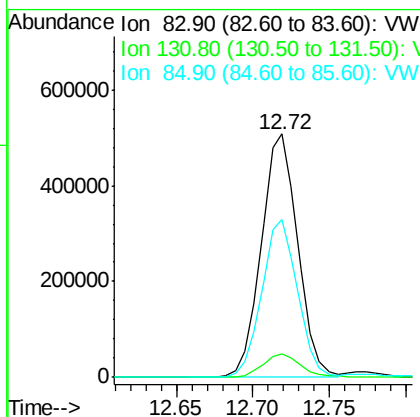
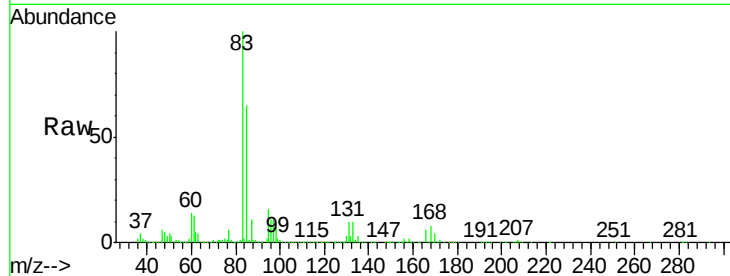
ClientSampleId :

VSTDIC150

Tot Ion:	83	Resp:	839930
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.5	16.4
85	63.8	31.9	95.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 164.292 ug/l m

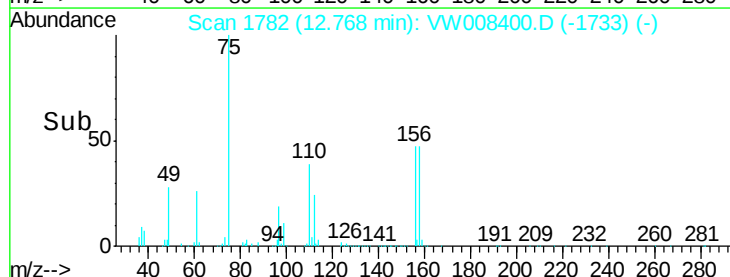
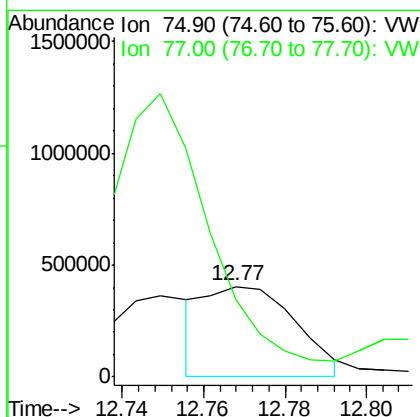
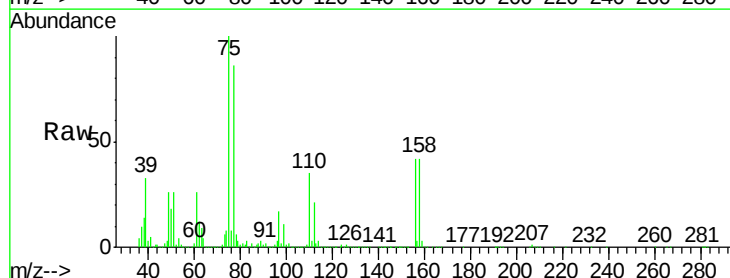
RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW008400.D

Acq: 24 Jan 2019 16:59

Tgt Ion:	75	Resp:	624404
Ion Ratio	Lower	Upper	
75	100		
77	362.3	180.7	542.1





#77

Bromobenzene

Concen: 154.765 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW008400.D

Acq: 24 Jan 2019 16:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion:156 Resp: 1130430

Ion Ratio Lower Upper

156 100

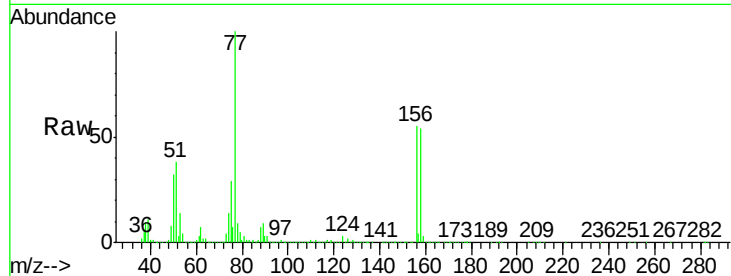
77 200.1 96.9 290.7

158 96.7 48.8 146.4

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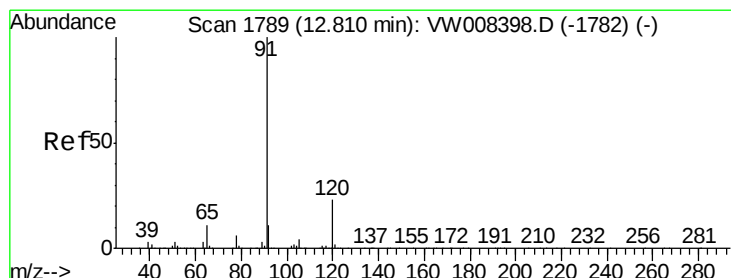
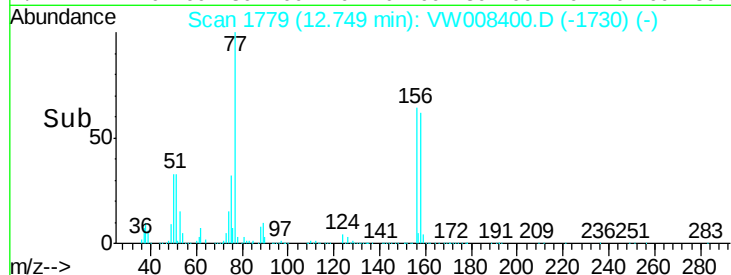
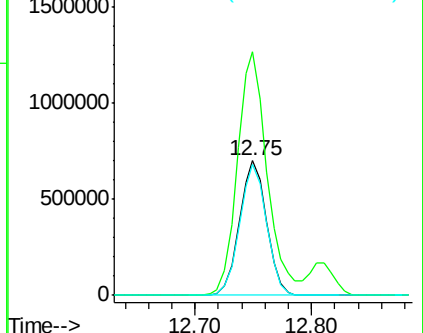
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 169.772 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW008400.D

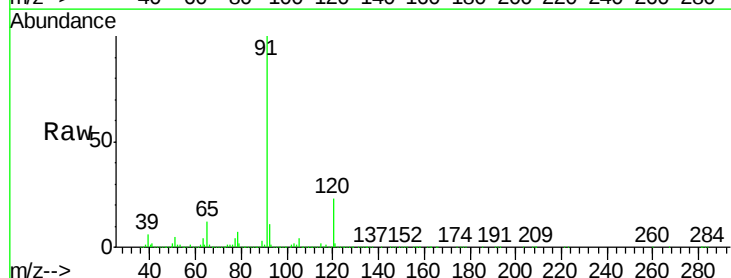
Acq: 24 Jan 2019 16:59

Tgt Ion: 91 Resp: 6248697

Ion Ratio Lower Upper

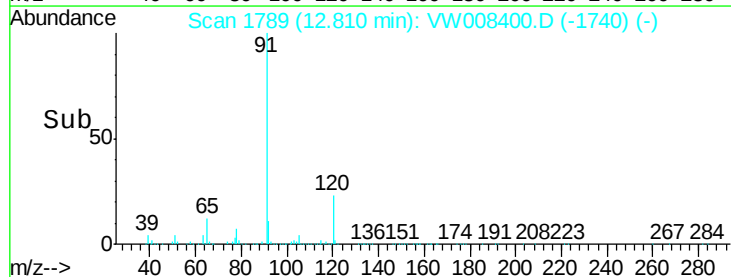
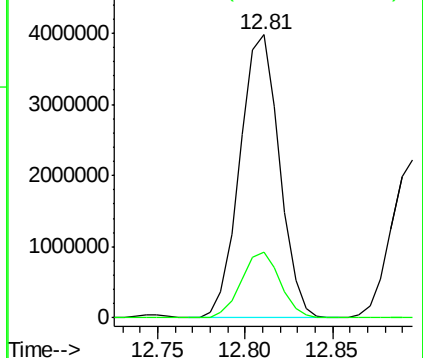
91 100

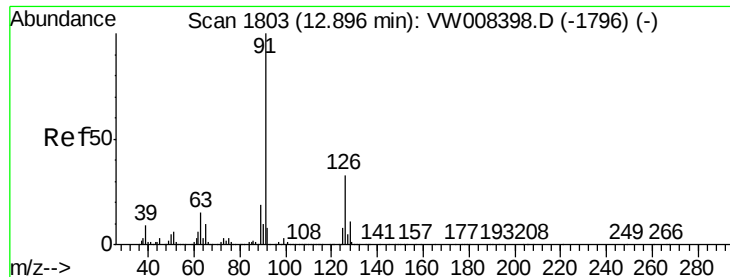
120 22.8 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





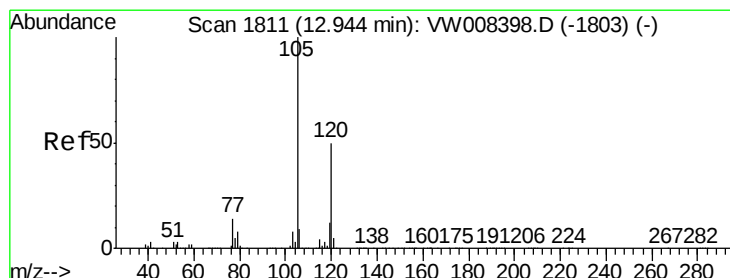
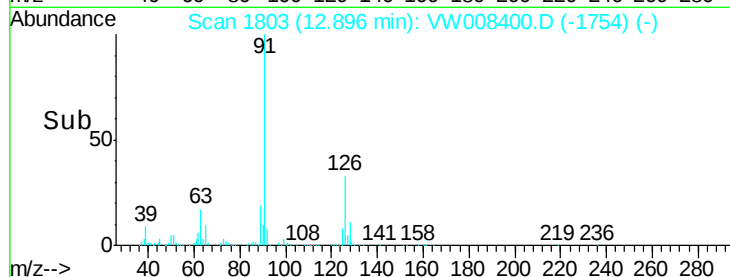
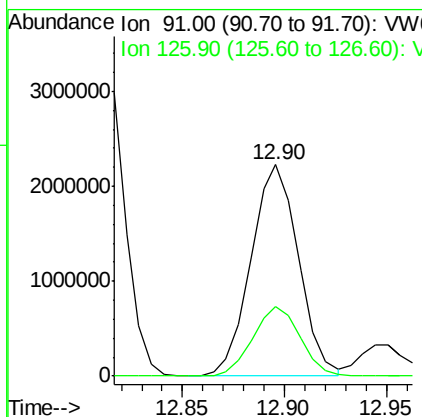
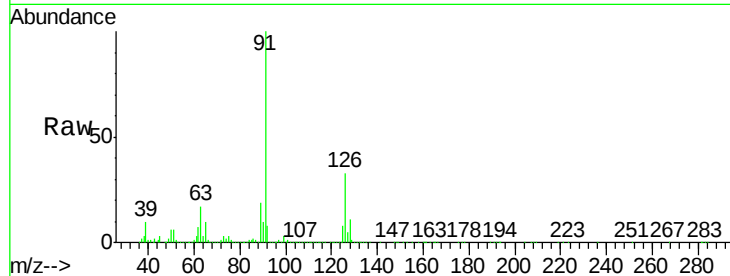
#79
2-Chlorotoluene
Concen: 171.235 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VW008400.D
Acq: 24 Jan 2019 16:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 3600996
Ion Ratio Lower Upper
91 100
126 32.8 16.5 49.5

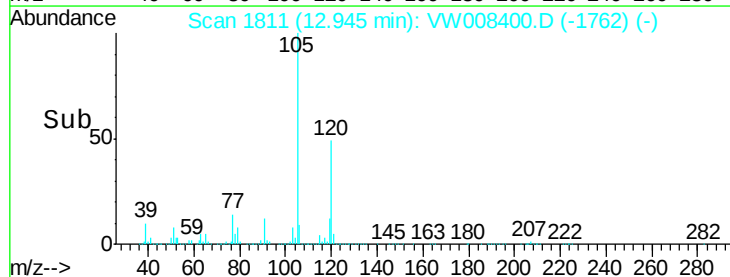
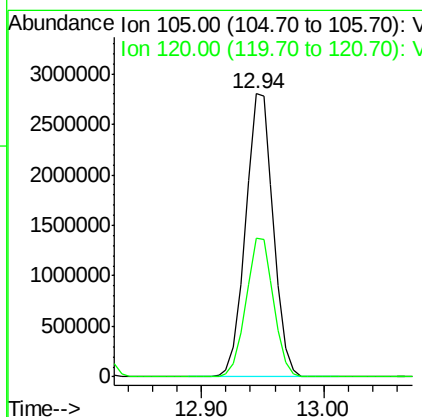
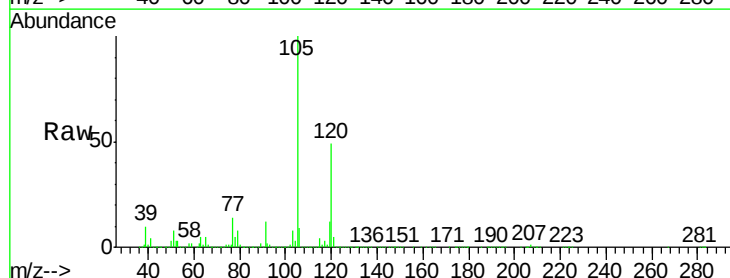
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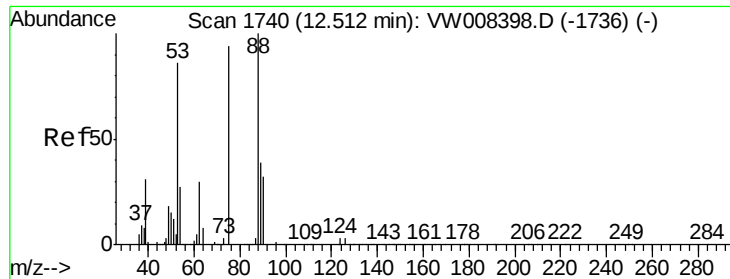
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#80
1,3,5-Trimethylbenzene
Concen: 172.897 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW008400.D
Acq: 24 Jan 2019 16:59

Tgt Ion: 105 Resp: 4387341
Ion Ratio Lower Upper
105 100
120 49.0 24.6 73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 204.115 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW008400.D

Acq: 24 Jan 2019 16:59

Instrument :

MSVOA_W

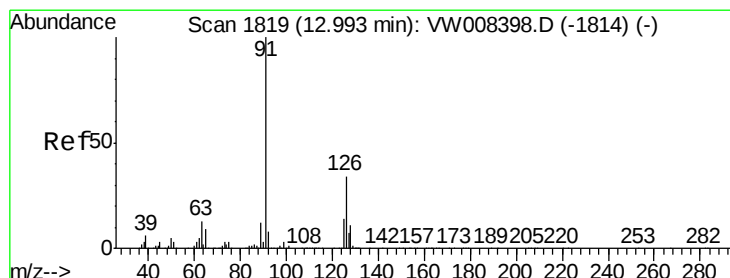
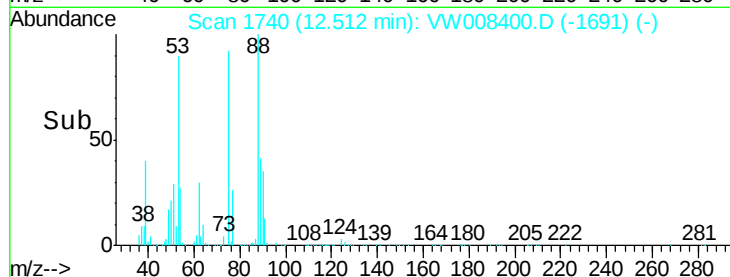
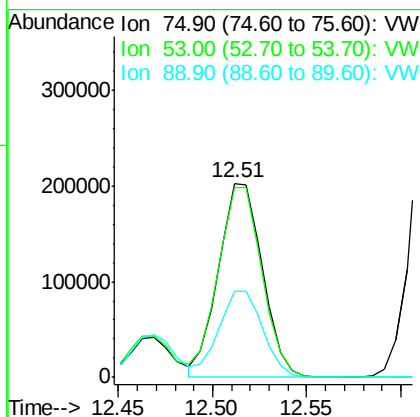
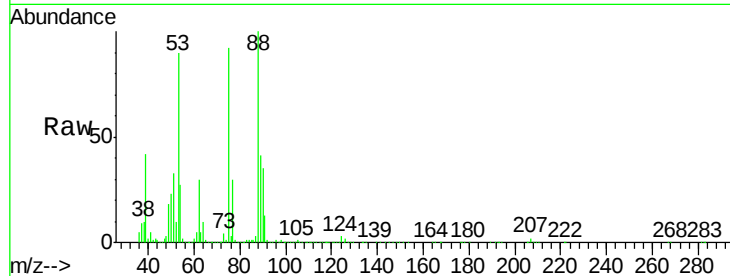
ClientSampleId :

VSTDIC150

Tot Ion:	75	Resp:	325070
Ion Ratio	Lower	Upper	
75	100		
53	98.4	76.0	114.0
89	45.1	35.4	53.0

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#82

4-Chlorotoluene

Concen: 175.725 ug/l

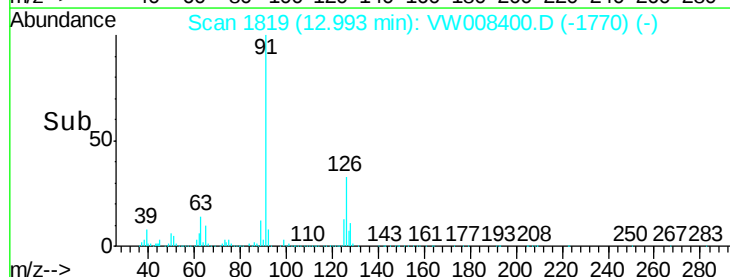
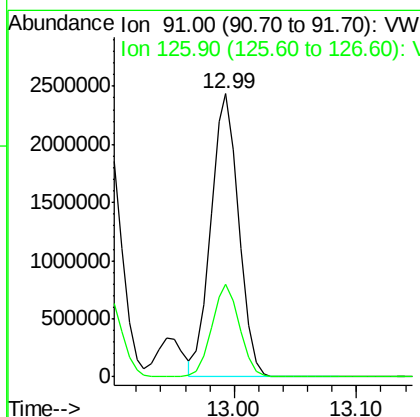
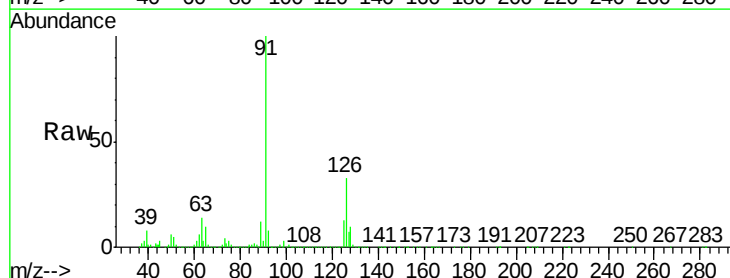
RT: 12.99 min Scan# 1819

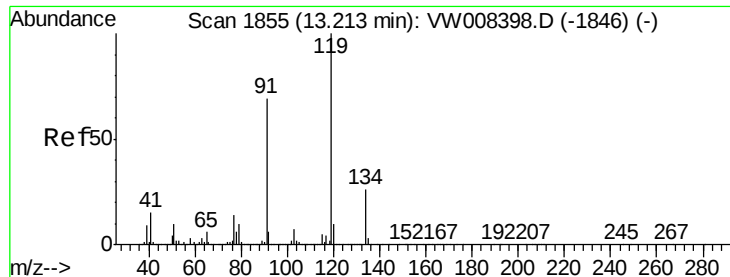
Delta R.T. 0.00 min

Lab File: VW008400.D

Acq: 24 Jan 2019 16:59

Tgt Ion:	91	Resp:	3861636
Ion Ratio	Lower	Upper	
91	100		
126	32.4	16.4	49.2





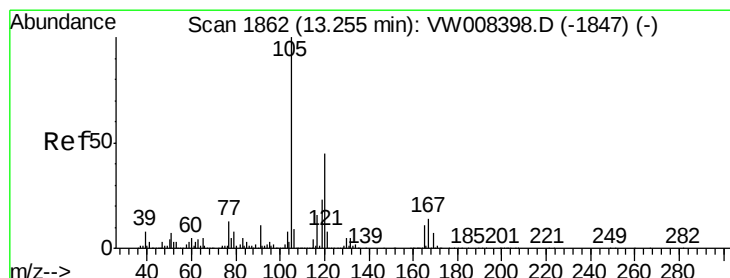
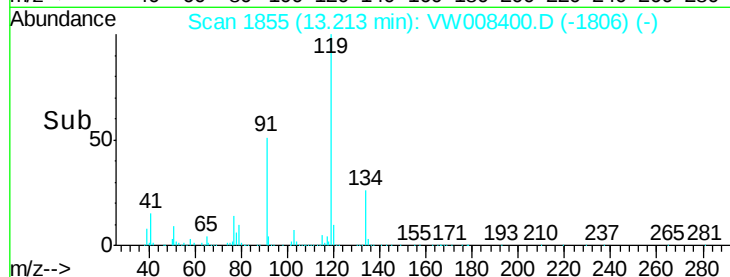
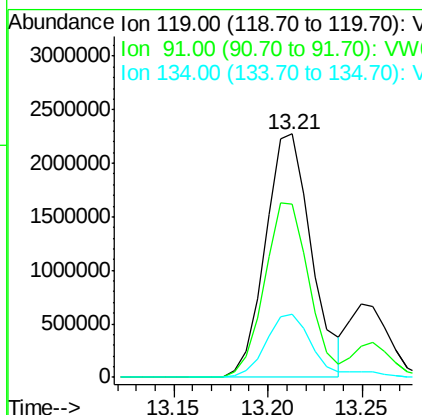
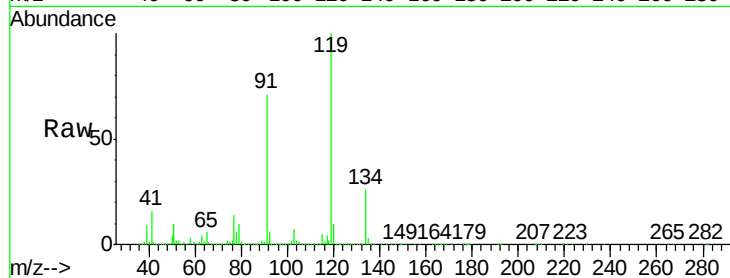
#83
 tert-Butylbenzene
 Concen: 172.565 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW008400.D
 Acq: 24 Jan 2019 16:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion:119 Resp: 3854095
 Ion Ratio Lower Upper
 119 100
 91 69.3 33.8 101.4
 134 26.8 13.5 40.4

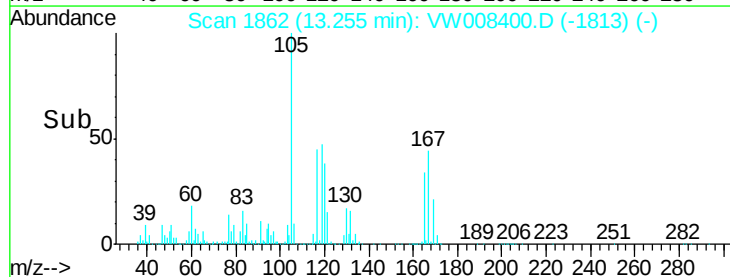
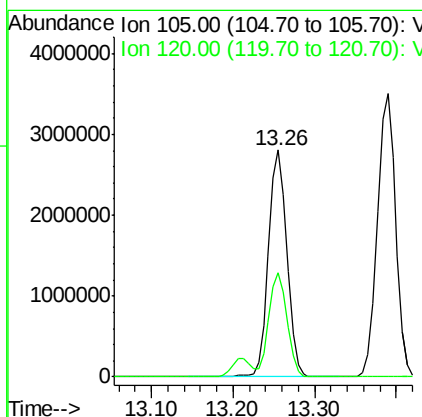
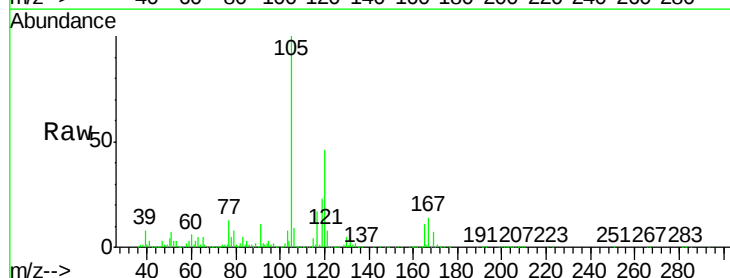
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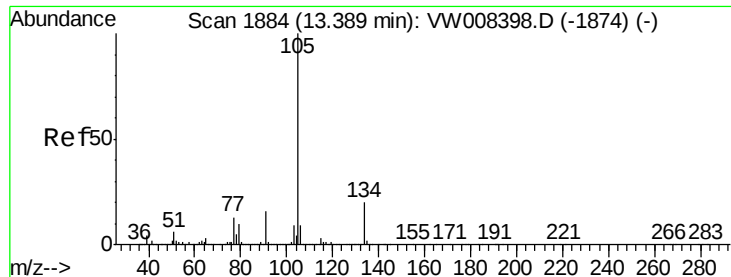
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#84
 1,2,4-Trimethylbenzene
 Concen: 169.335 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW008400.D
 Acq: 24 Jan 2019 16:59

Tgt Ion:105 Resp: 4377313
 Ion Ratio Lower Upper
 105 100
 120 45.7 23.1 69.2





#85

sec-Butylbenzene

Concen: 170.501 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW008400.D

Acq: 24 Jan 2019 16:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 5467439

Ion Ratio Lower Upper

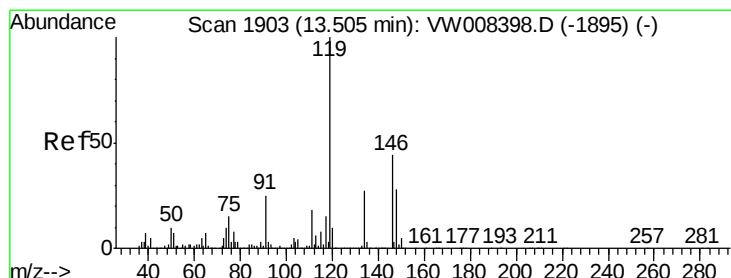
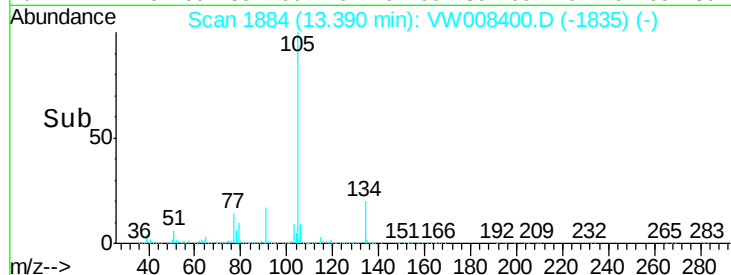
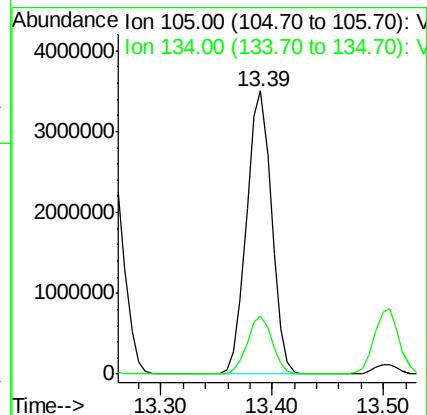
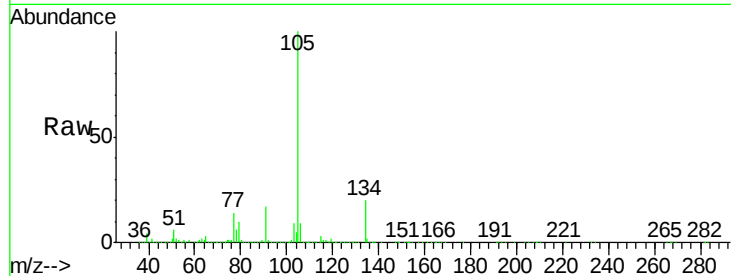
105 100

134 20.3 10.2 30.6

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#86

p-Isopropyltoluene

Concen: 168.926 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW008400.D

Acq: 24 Jan 2019 16:59

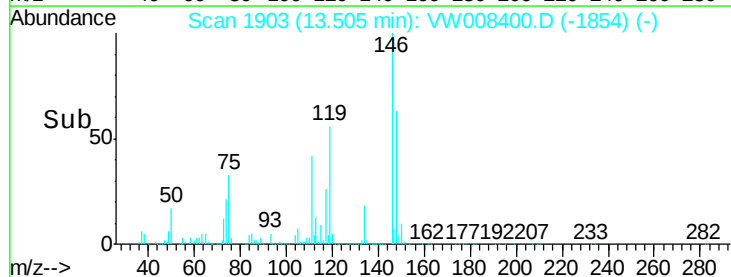
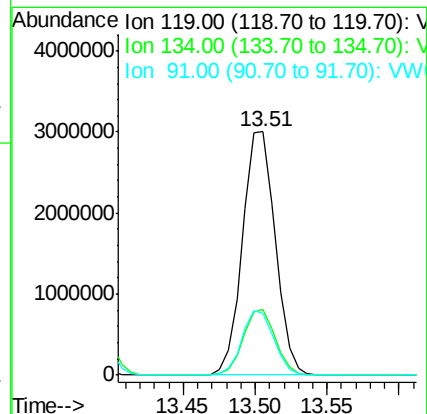
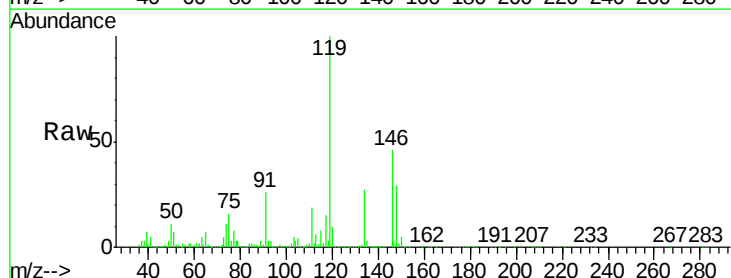
Tgt Ion:119 Resp: 4731202

Ion Ratio Lower Upper

119 100

134 26.5 13.4 40.2

91 25.8 12.6 37.6





#87

1,3-Dichlorobenzene

Concen: 153.508 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW008400.D

Acq: 24 Jan 2019 16:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion:146 Resp: 2227813

Ion Ratio Lower Upper

146 100

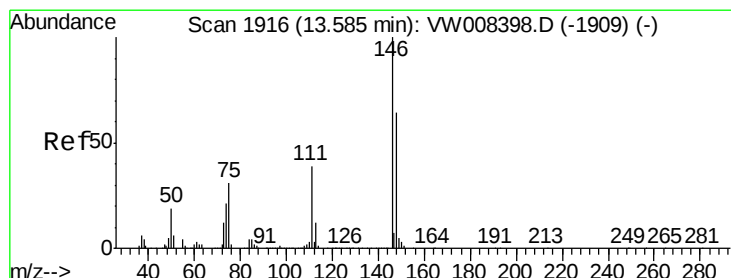
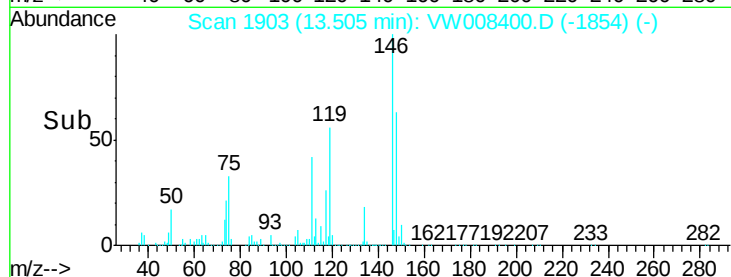
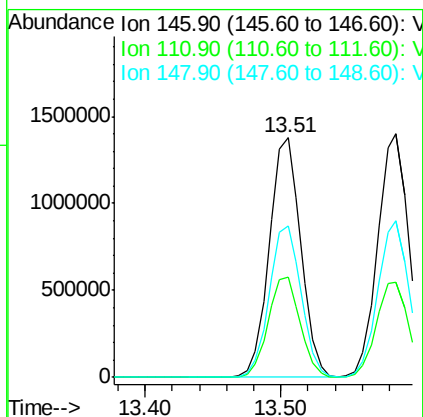
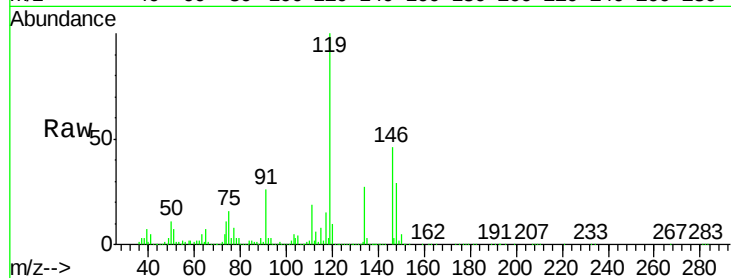
111 42.4 20.3 60.9

148 63.9 31.9 95.7

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#88

1,4-Dichlorobenzene

Concen: 153.015 ug/l

RT: 13.58 min Scan# 1916

Delta R.T. 0.00 min

Lab File: VW008400.D

Acq: 24 Jan 2019 16:59

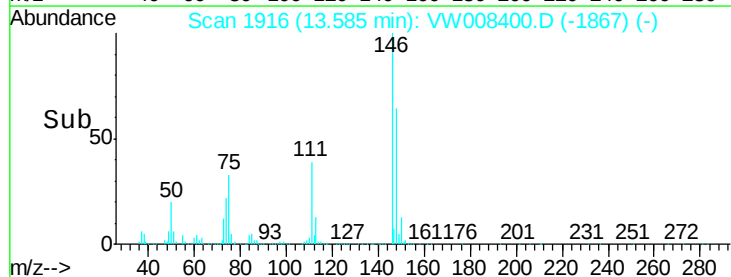
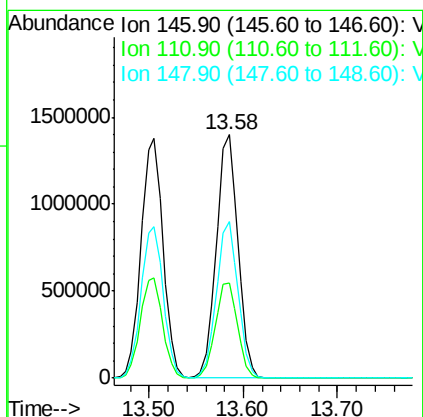
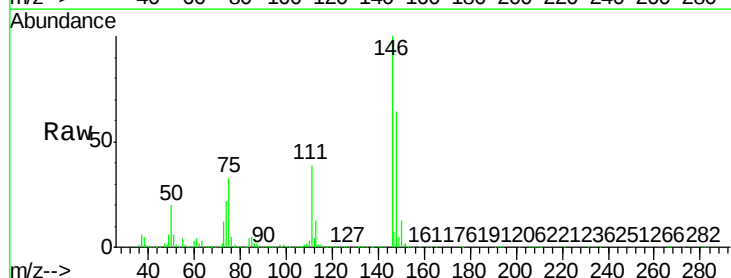
Tgt Ion:146 Resp: 2224767

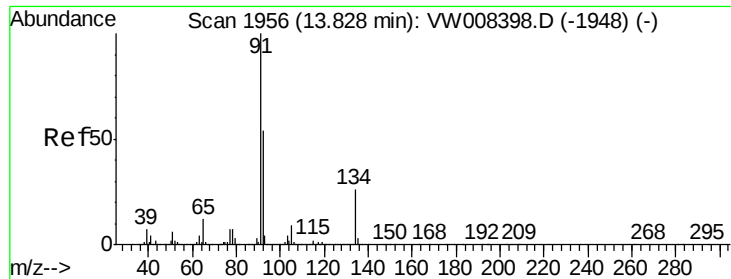
Ion Ratio Lower Upper

146 100

111 40.0 20.0 60.0

148 63.9 32.0 96.2





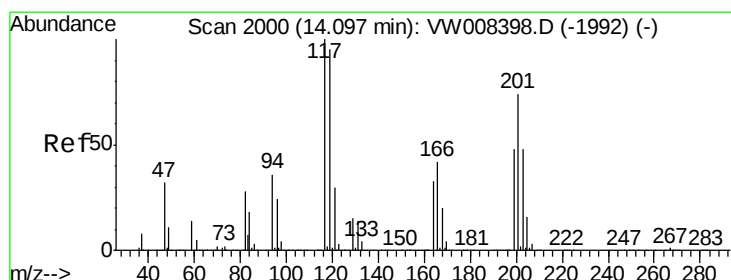
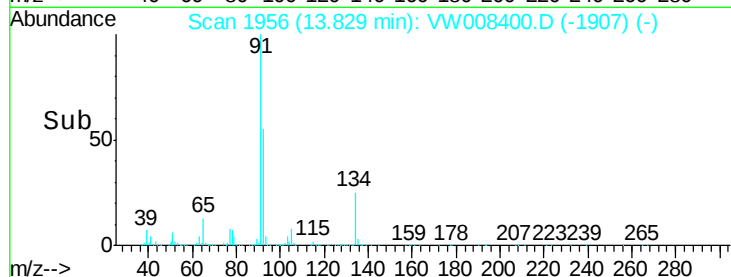
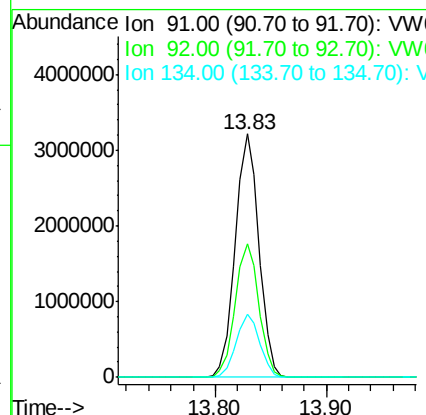
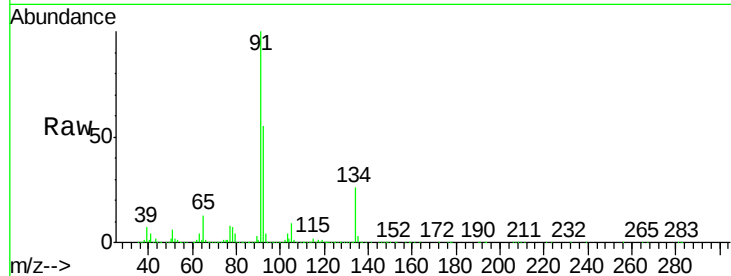
#89
n-Butylbenzene
Concen: 175.465 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW008400.D
Acq: 24 Jan 2019 16:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 4713926
Ion Ratio Lower Upper
91 100
92 54.9 27.4 82.2
134 25.9 13.0 39.0

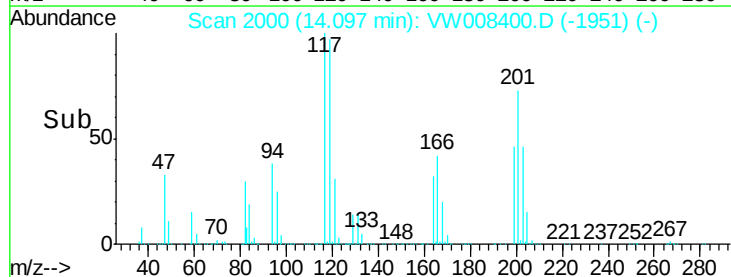
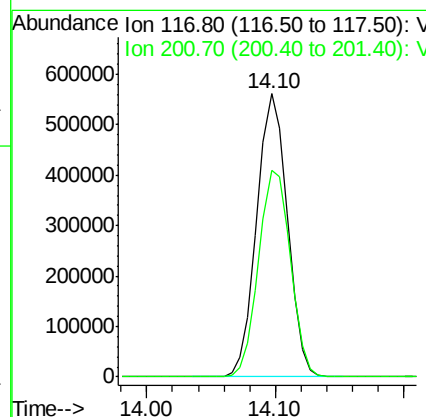
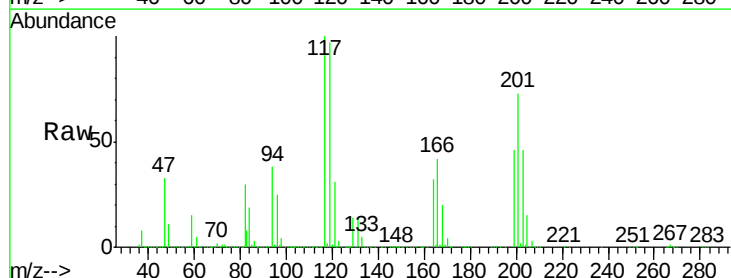
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#90
Hexachloroethane
Concen: 178.001 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW008400.D
Acq: 24 Jan 2019 16:59

Tgt Ion: 117 Resp: 922601
Ion Ratio Lower Upper
117 100
201 75.9 39.1 117.5





#91

1,2-Dichlorobenzene

Concen: 156.952 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW008400.D

Acq: 24 Jan 2019 16:59

Instrument :

MSVOA_W

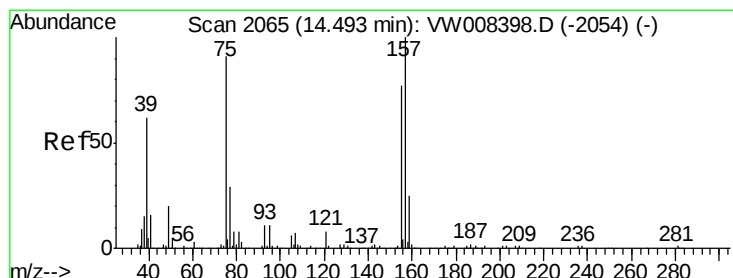
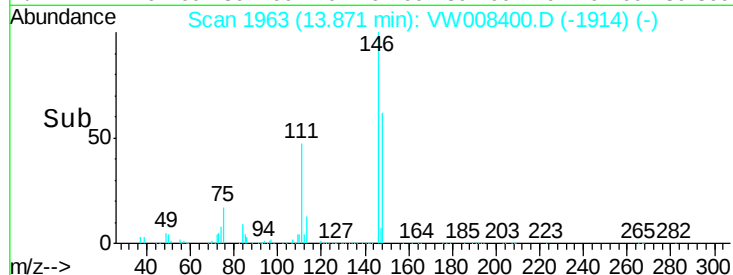
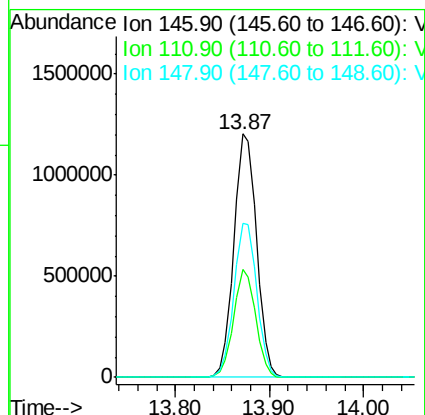
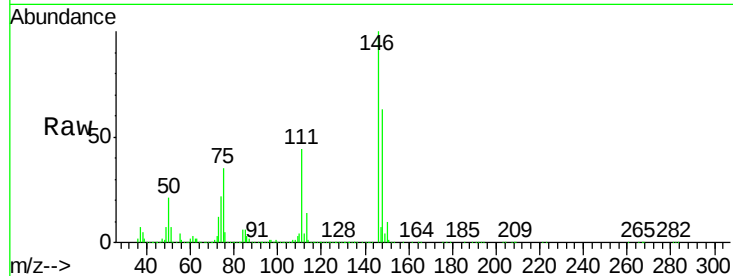
ClientSampleId :

VSTDIC150

Tot Ion:	146	Resp:	2011063
Ion	Ratio	Lower	Upper
146	100		
111	43.2	21.1	63.3
148	63.9	31.9	95.5

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#92

1,2-Dibromo-3-Chloropropane

Concen: 176.443 ug/l

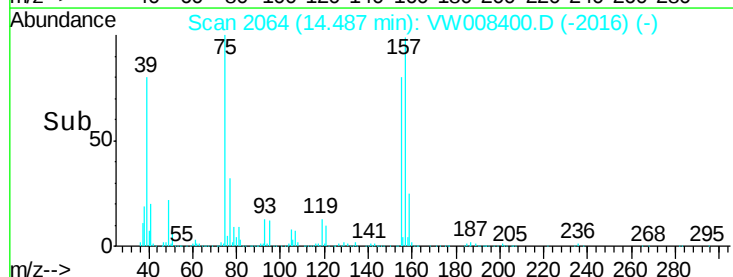
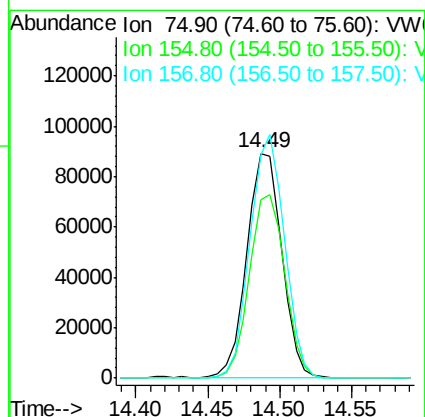
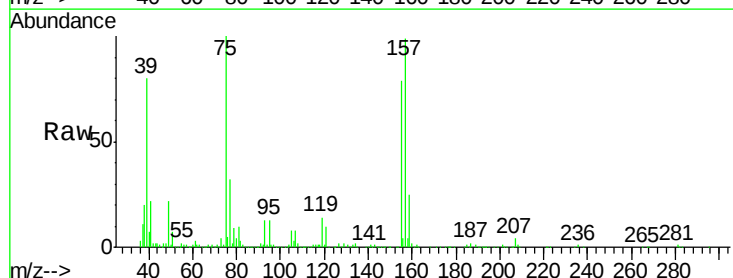
RT: 14.49 min Scan# 2064

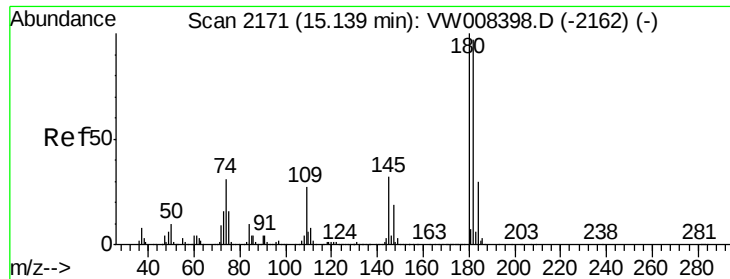
Delta R.T. -0.01 min

Lab File: VW008400.D

Acq: 24 Jan 2019 16:59

Tgt Ion:	75	Resp:	149228
Ion	Ratio	Lower	Upper
75	100		
155	82.9	42.7	128.1
157	107.0	55.5	166.3





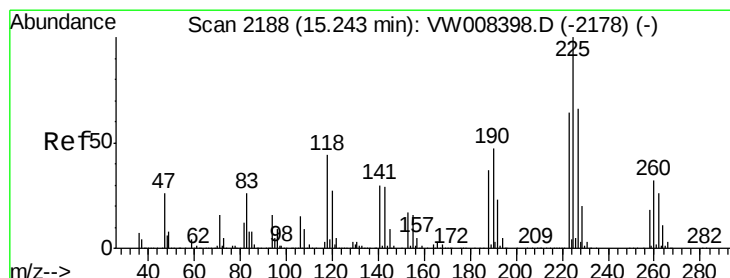
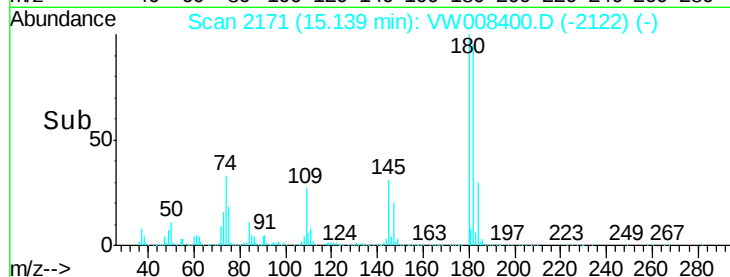
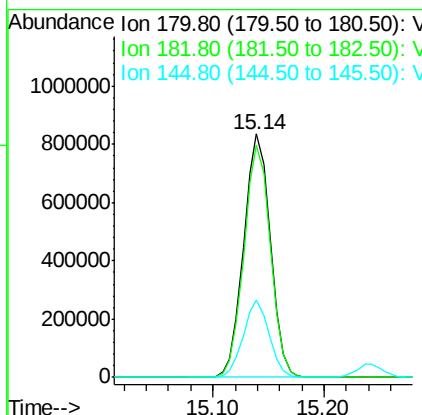
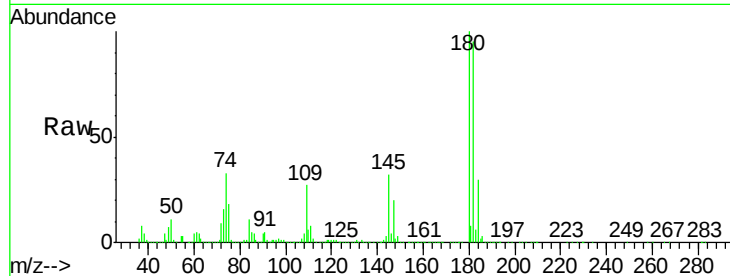
#93
1,2,4-Trichlorobenzene
Concen: 160.259 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VW008400.D
Acq: 24 Jan 2019 16:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.9	143.7
145	30.7	15.5	46.5

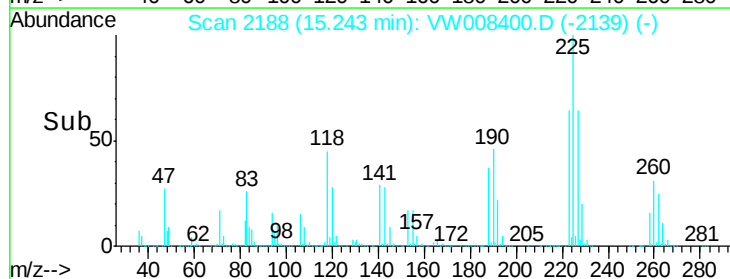
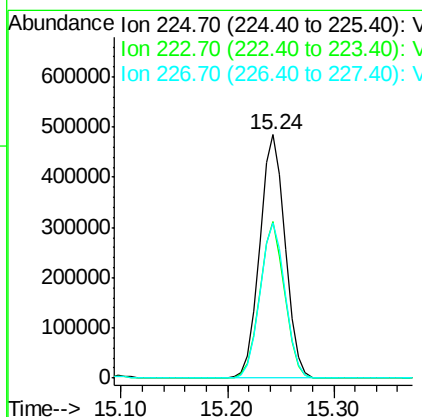
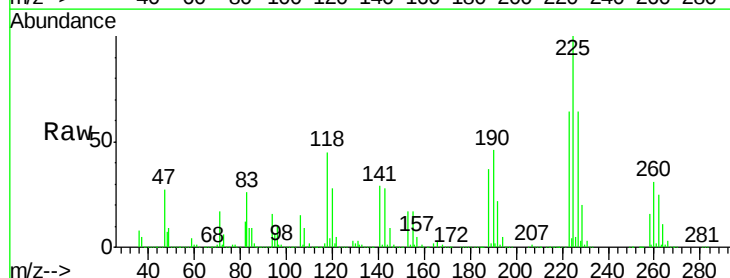
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#94
Hexachlorobutadiene
Concen: 165.543 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. 0.00 min
Lab File: VW008400.D
Acq: 24 Jan 2019 16:59

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	31.7	95.1
227	63.1	32.1	96.3





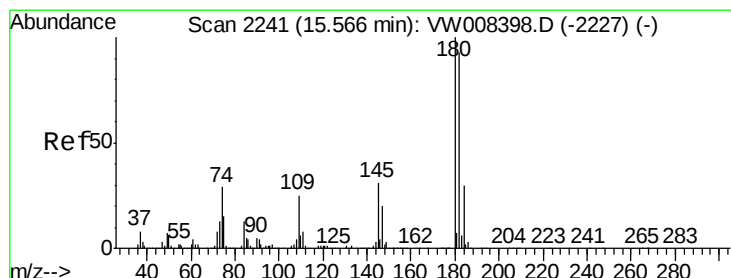
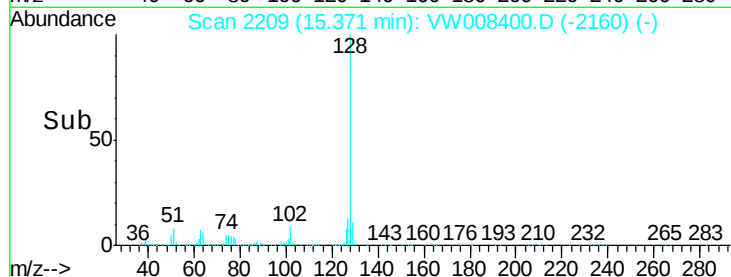
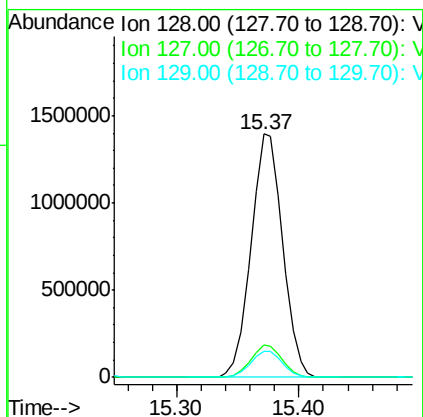
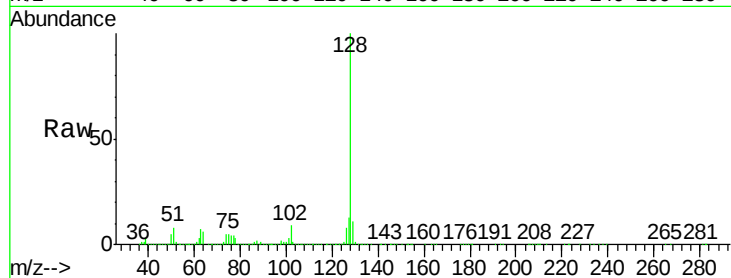
#95
Naphthalene
Concen: 173.149 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW008400.D
Acq: 24 Jan 2019 16:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.6	15.8
129	10.8	8.7	13.1

Manual Integrations
APPROVED

sam
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#96
1,2,3-Trichlorobenzene
Concen: 157.013 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW008400.D
Acq: 24 Jan 2019 16:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.0	141.2
145	32.6	15.9	47.6

