

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012419\
 Data File : VW008399.D
 Acq On : 24 Jan 2019 16:33
 Operator : SY/VA
 Sample : VSTDIC100
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Manual Integrations
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Quant Time: Jan 25 10:56:12 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	523485	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	846418	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	769206	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	404626	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	516690	94.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	189.76%	
35) Dibromofluoromethane	7.88	113	478055	88.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	176.96%	
50) Toluene-d8	10.32	98	1951496	91.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	183.88%	
62) 4-Bromofluorobenzene	12.62	95	756871	99.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	198.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	317322	96.202	ug/l	96
3) Chloromethane	2.21	50	479015	99.068	ug/l	99
4) Vinyl Chloride	2.37	62	593685	96.096	ug/l	100
5) Bromomethane	2.78	94	389734	83.242	ug/l	97
6) Chloroethane	2.92	64	376052	92.995	ug/l	97
7) Trichlorofluoromethane	3.26	101	485230	106.968	ug/l	95
8) Diethyl Ether	3.67	74	277383	88.182	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	521770	98.797	ug/l	99
10) Methyl Iodide	4.26	142	816727	95.887	ug/l	100
11) Tert butyl alcohol	5.17	59	207277	565.336	ug/l	97
12) 1,1-Dichloroethene	4.03	96	514323	95.753	ug/l	96
13) Acrolein	3.89	56	187136	562.879	ug/l	98
14) Allyl chloride	4.66	41	989595	110.204	ug/l	100
15) Acrylonitrile	5.36	53	614666	508.690	ug/l	99
16) Acetone	4.12	43	590404	466.859	ug/l	98
17) Carbon Disulfide	4.37	76	1670005	102.176	ug/l	98
18) Methyl Acetate	4.67	43	333410	98.696	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	842405	102.452	ug/l	99
20) Methylene Chloride	4.91	84	526884	78.459	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	578345	95.866	ug/l	99
22) Diisopropyl ether	6.31	45	1887646	107.672	ug/l	100
23) Vinyl Acetate	6.26	43	5667610	604.788	ug/l	100
24) 1,1-Dichloroethane	6.21	63	1063431	99.624	ug/l	99
25) 2-Butanone	7.17	43	879724	543.125	ug/l	99
26) 2,2-Dichloropropane	7.17	77	680510	99.899	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	635800	97.273	ug/l	99
28) Bromochloromethane	7.51	49	464936	105.720	ug/l	97
29) Tetrahydrofuran	7.53	42	559786	554.367	ug/l	100
30) Chloroform	7.68	83	1048082	99.237	ug/l	99
31) Cyclohexane	7.95	56	1040738	102.329	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	890218	100.434	ug/l	100
36) 1,1-Dichloropropene	8.08	75	859811	100.968	ug/l	100
37) Ethyl Acetate	7.25	43	371872	105.896	ug/l	99
38) Carbon Tetrachloride	8.07	117	852818	101.419	ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	1120790	110.647	ug/l	99
40) Benzene	8.32	78	2376400	98.515	ug/l	100
41) Methacrylonitrile	7.48	41	230804	112.903	ug/l	96
42) 1,2-Dichloroethane	8.40	62	690455	102.362	ug/l	100
43) Isopropyl Acetate	8.43	43	796329	120.050	ug/l	99
44) Trichloroethene	9.09	130	635554	96.168	ug/l	96
45) 1,2-Dichloropropane	9.37	63	594643	99.241	ug/l	98
46) Dibromomethane	9.46	93	302468	96.854	ug/l	100
47) Bromodichloromethane	9.65	83	805348	104.547	ug/l	99
48) Methyl methacrylate	9.43	41	391051	125.230	ug/l	98
49) 1,4-Dioxane	9.45	88	100744	2003.934	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	1962016	584.140	ug/l	100
52) Toluene	10.39	92	1574831	103.162	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	868416	112.953	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	978360	107.948	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	424135	97.918	ug/l	97
56) Ethyl methacrylate	10.65	69	601380	118.219	ug/l	99
57) 1,3-Dichloropropane	10.93	76	758422	100.843	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	1497346	610.231	ug/l	99
59) 2-Hexanone	10.97	43	1401457	595.504	ug/l	99
60) Dibromochloromethane	11.13	129	546735	105.761	ug/l	99
61) 1,2-Dibromoethane	11.24	107	417647	99.573	ug/l	99
64) Tetrachloroethene	10.86	164	541409	100.381	ug/l	97
65) Chlorobenzene	11.66	112	1669476	99.503	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	600822	104.046	ug/l	99
67) Ethyl Benzene	11.73	91	3111137	106.793	ug/l	100
68) m/p-Xylenes	11.84	106	2410300	213.159	ug/l	99
69) o-Xylene	12.17	106	1156169	109.442	ug/l	100
70) Styrene	12.18	104	1937309	114.168	ug/l	99
71) Bromoform	12.35	173	347994	120.971	ug/l	99
73) Isopropylbenzene	12.47	105	3205182	108.716	ug/l	99
74) N-amyl acetate	12.27	43	854638	135.268	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	508384	101.379	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	374802m	101.717	ug/l	
77) Bromobenzene	12.75	156	687826	97.129	ug/l	98
78) n-propylbenzene	12.80	91	3854684	108.021	ug/l	100
79) 2-Chlorotoluene	12.90	91	2185985	107.216	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	2703706	109.898	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	191465	124.002	ug/l	97
82) 4-Chlorotoluene	12.99	91	2363885	110.951	ug/l	99
83) tert-Butylbenzene	13.21	119	2390839	110.413	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	2757572	110.029	ug/l	100
85) sec-Butylbenzene	13.39	105	3400815	109.387	ug/l	100
86) p-Isopropyltoluene	13.50	119	3007098	110.743	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	1410141	100.221	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	1404123	99.608	ug/l	99
89) n-Butylbenzene	13.83	91	2944826	113.060	ug/l	100
90) Hexachloroethane	14.10	117	574200	114.265	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	1245396	100.251	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	91280	111.320	ug/l	97

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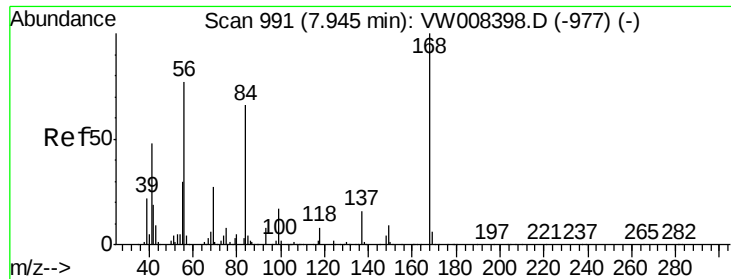
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	878822	104.504	ug/l	99
94) Hexachlorobutadiene	15.24	225	514335	108.523	ug/l	100
95) Naphthalene	15.37	128	1572609	111.912	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	745313	101.752	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

Instrument :

MSVOA_W

ClientSampled :

VSTDIC100

Tot Ion:168 Resp: 523485

Ion Ratio Lower Upper

168 100

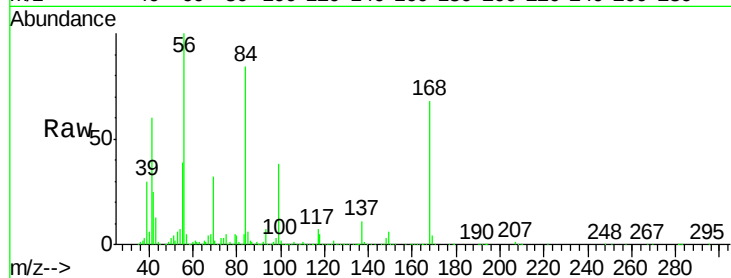
99 56.6 45.5 68.3

Manual Integrations

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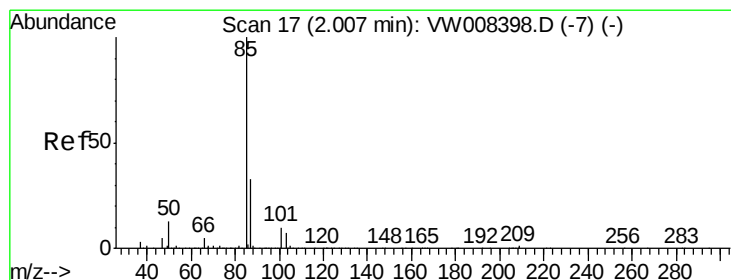
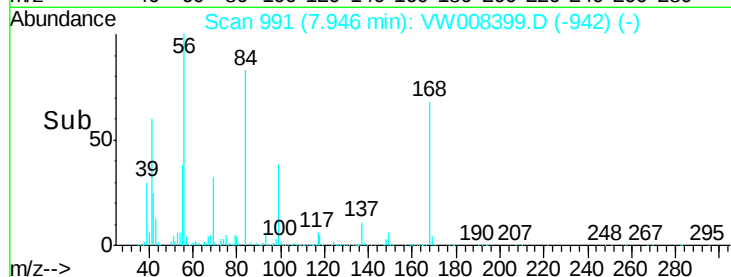
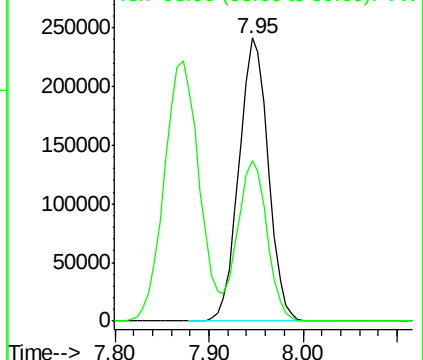
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 96.202 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.01 min

Lab File: VW008399.D

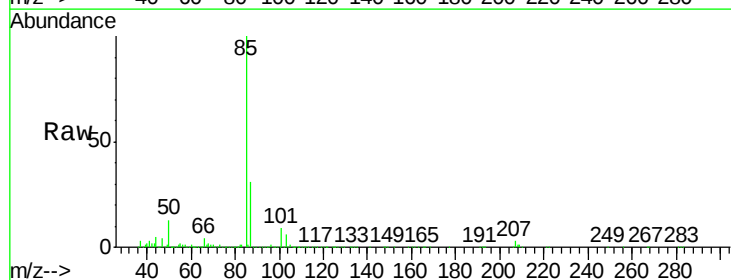
Acq: 24 Jan 2019 16:33

Tgt Ion: 85 Resp: 317322

Ion Ratio Lower Upper

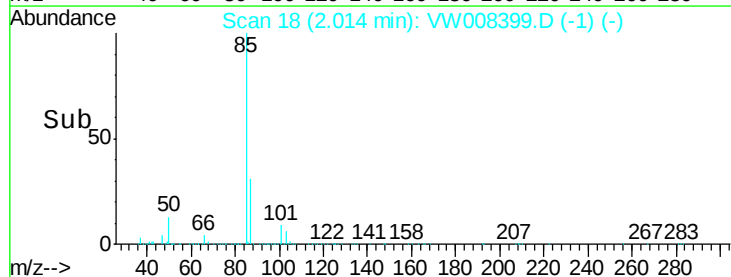
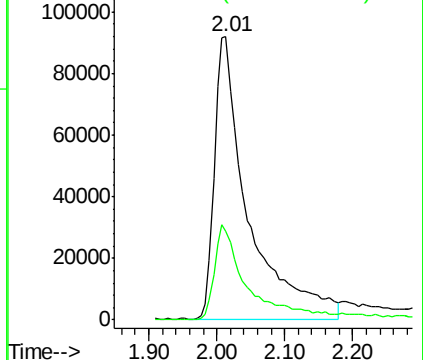
85 100

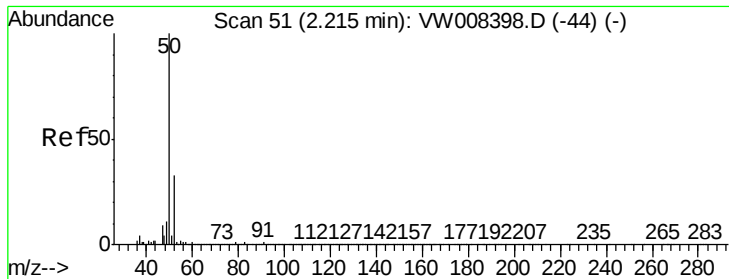
87 31.2 16.7 50.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 99.068 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC100

Tot Ion: 50 Resp: 479015

Ion Ratio Lower Upper

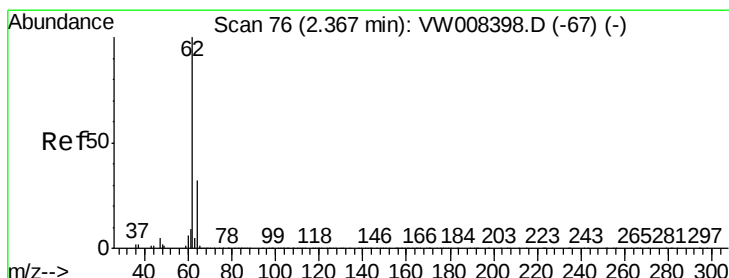
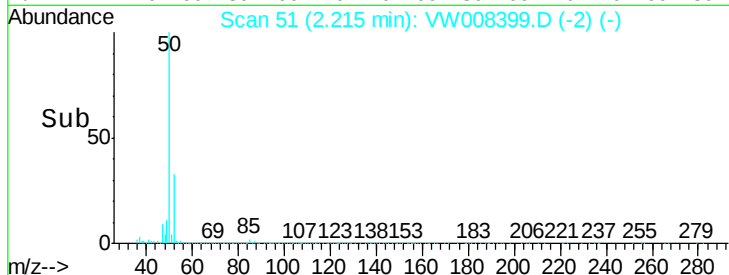
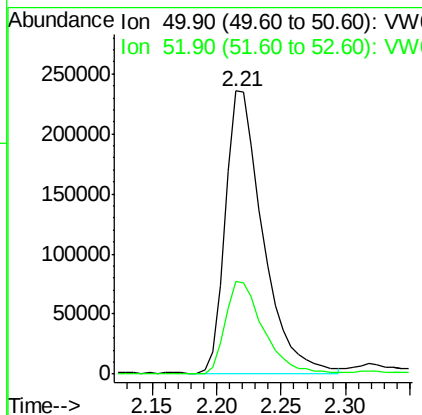
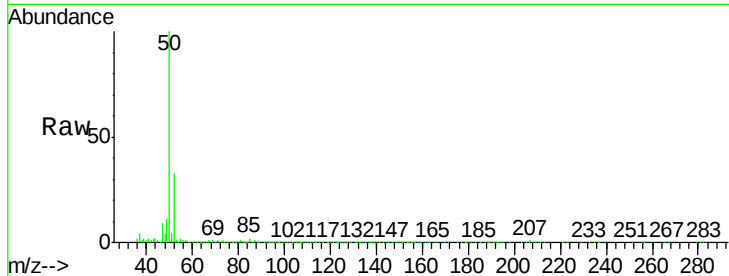
50 100

52 32.6 26.3 39.5

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#4

Vinyl Chloride

Concen: 96.096 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW008399.D

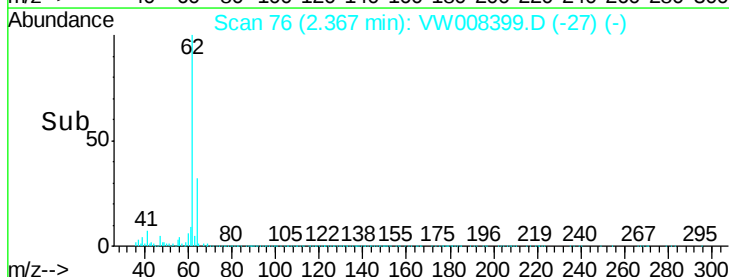
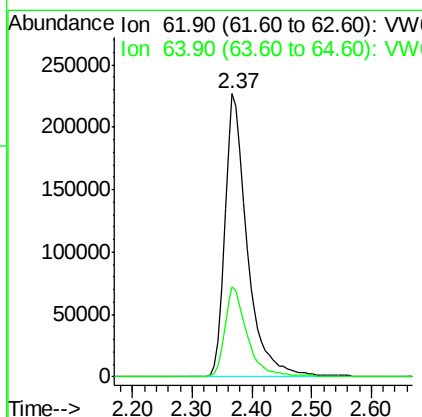
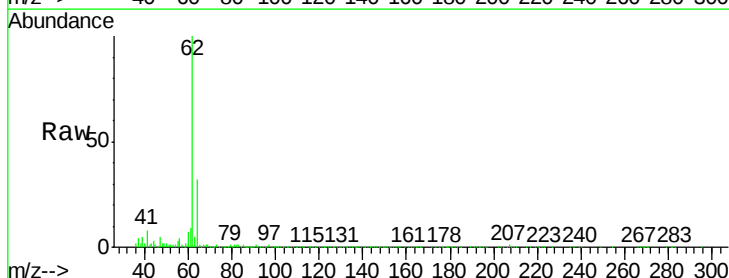
Acq: 24 Jan 2019 16:33

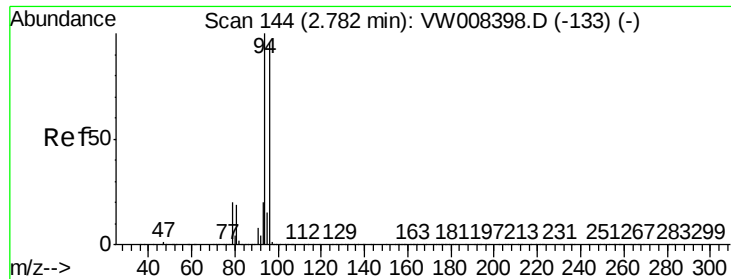
Tgt Ion: 62 Resp: 593685

Ion Ratio Lower Upper

62 100

64 31.8 25.5 38.3





#5

Bromomethane

Concen: 83.242 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion: 94 Resp: 389734

Ion Ratio Lower Upper

94 100

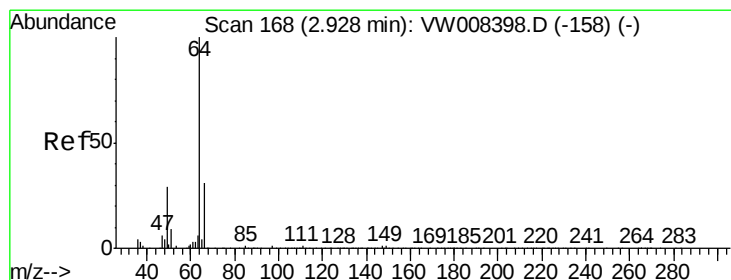
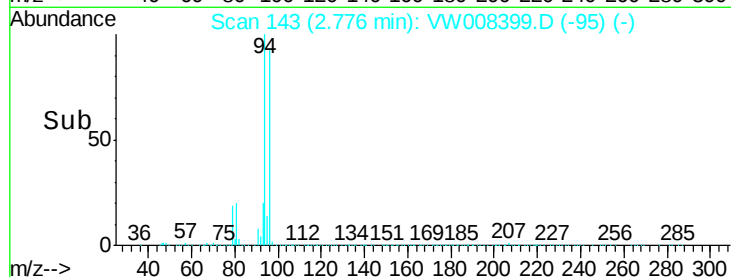
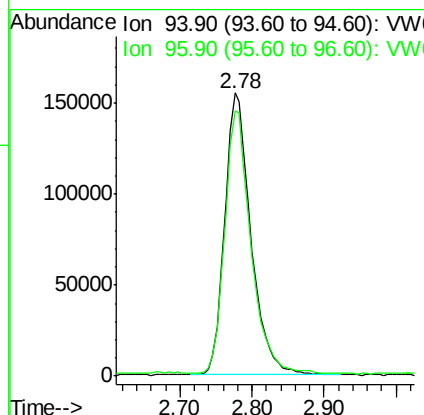
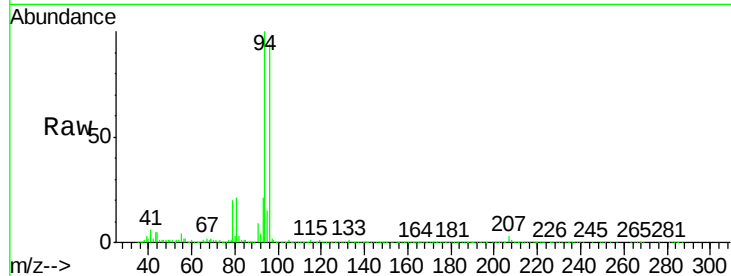
96 93.4 77.2 115.8

Manual Integrations

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#6

Chloroethane

Concen: 92.995 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW008399.D

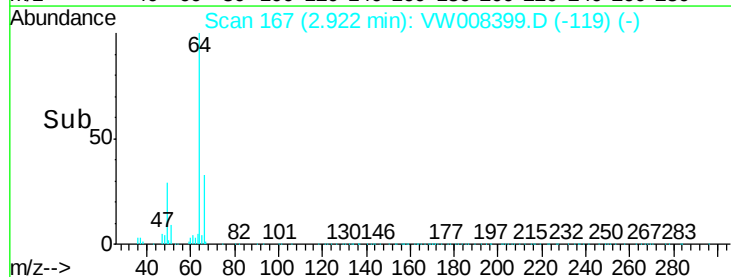
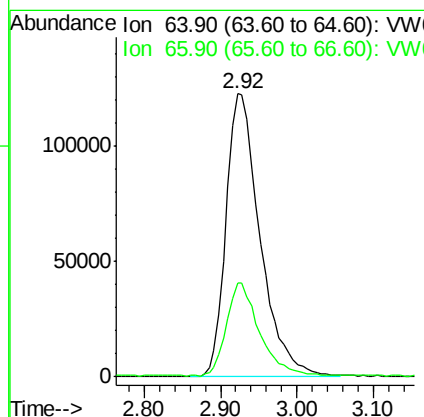
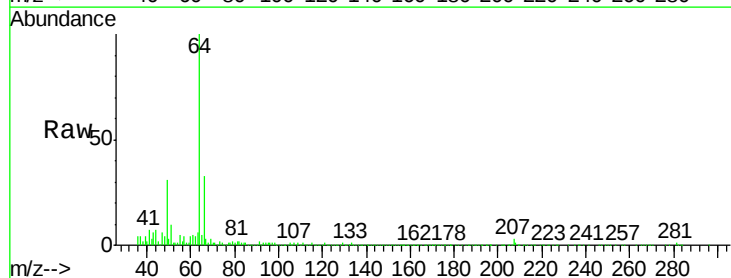
Acq: 24 Jan 2019 16:33

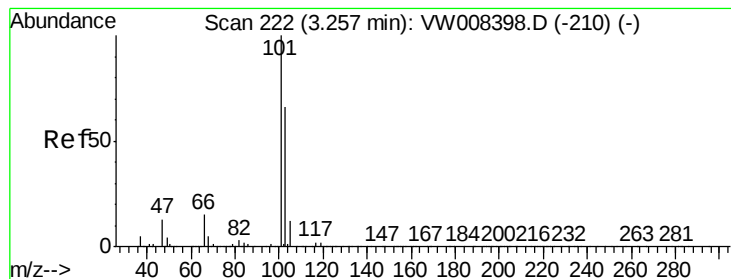
Tgt Ion: 64 Resp: 376052

Ion Ratio Lower Upper

64 100

66 32.8 24.9 37.3





#7

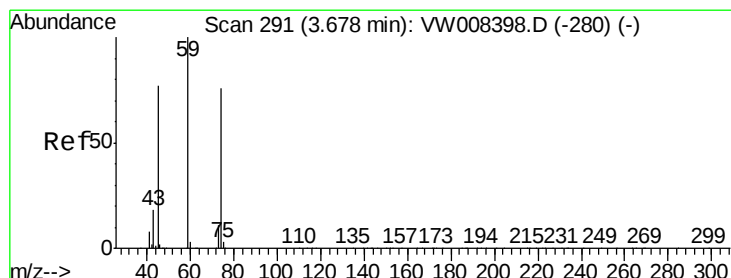
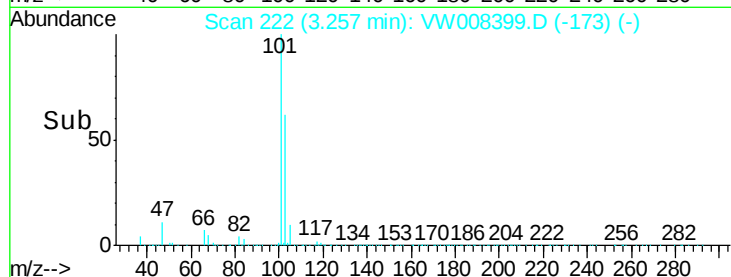
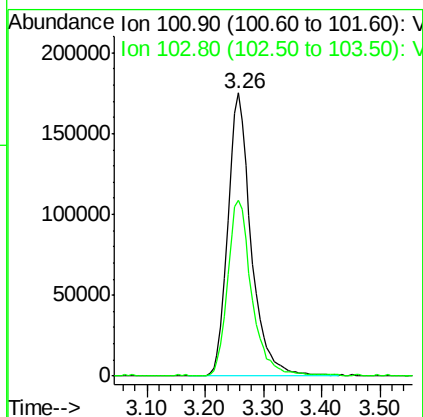
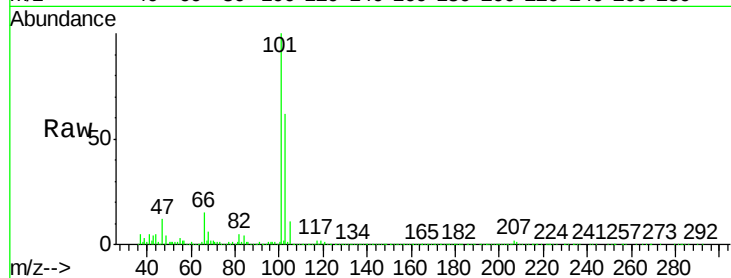
Trichlorofluoromethane
Concen: 106.968 ug/l
RT: 3.26 min Scan# 222
Delta R.T. 0.00 min
Lab File: VW008399.D
Acq: 24 Jan 2019 16:33

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ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.0	52.5	78.7

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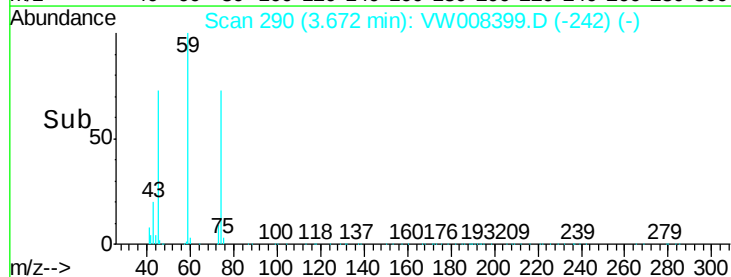
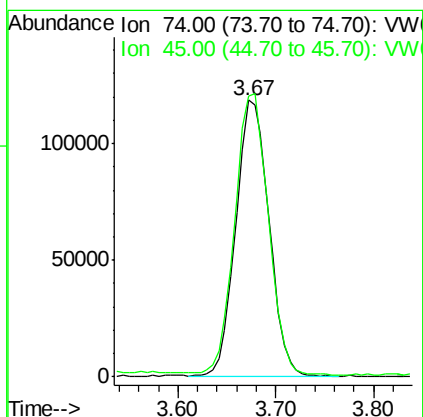
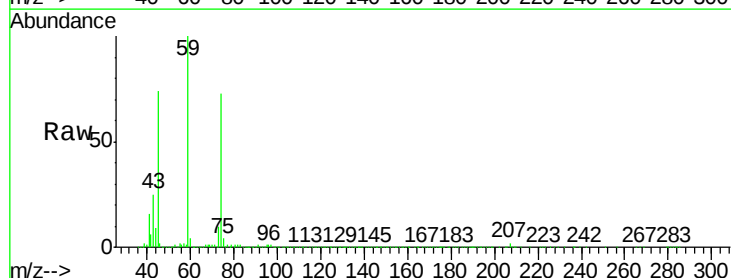
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#8

Diethyl Ether
Concen: 88.182 ug/l
RT: 3.67 min Scan# 290
Delta R.T. -0.01 min
Lab File: VW008399.D
Acq: 24 Jan 2019 16:33

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.9	51.7	155.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 98.797 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

Instrument :

MSVOA_W

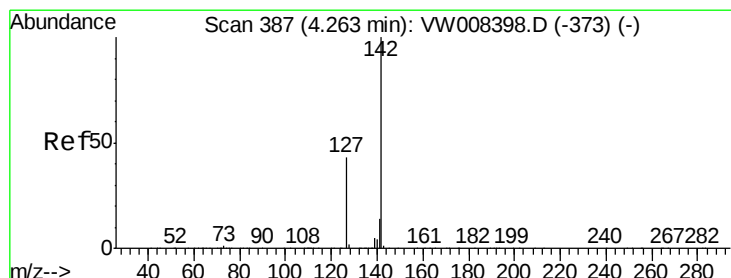
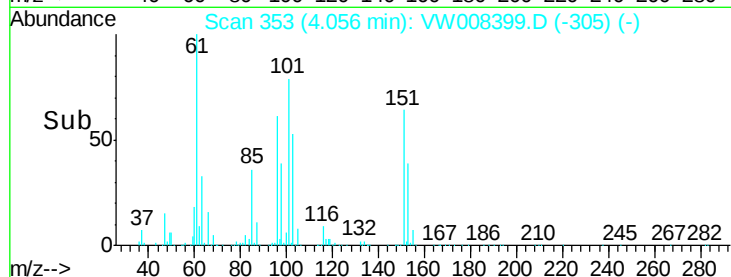
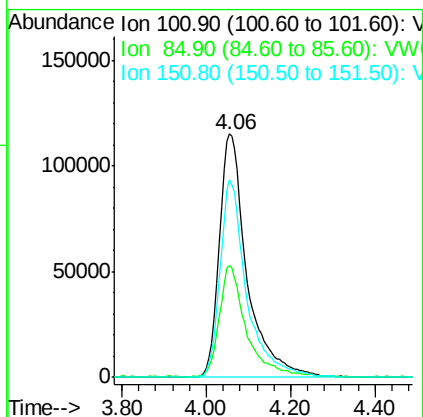
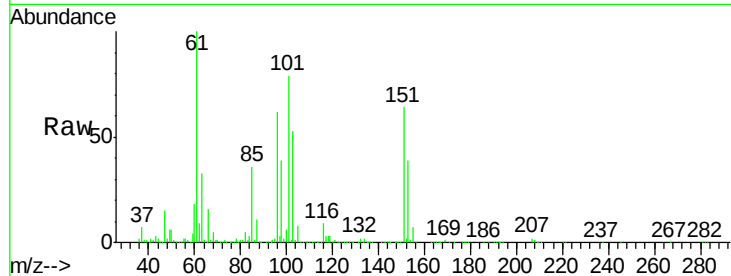
ClientSampleId :

VSTDIC100

Tot Ion:	101	Resp:	521770
Ion Ratio	Lower	Upper	
101	100		
85	44.3	35.0	52.4
151	78.1	62.6	94.0

Manual Integrations
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#10

Methyl Iodide

Concen: 95.887 ug/l

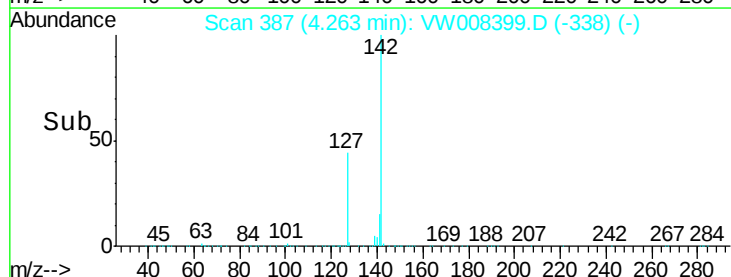
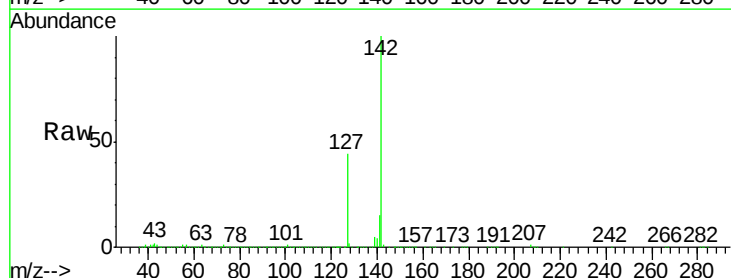
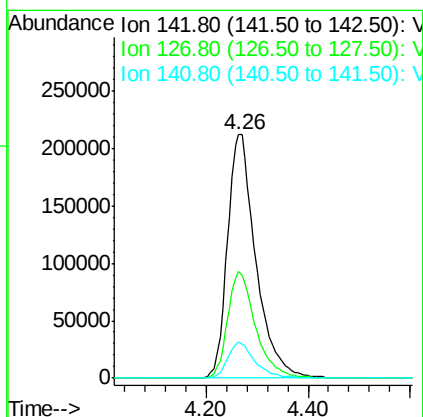
RT: 4.26 min Scan# 387

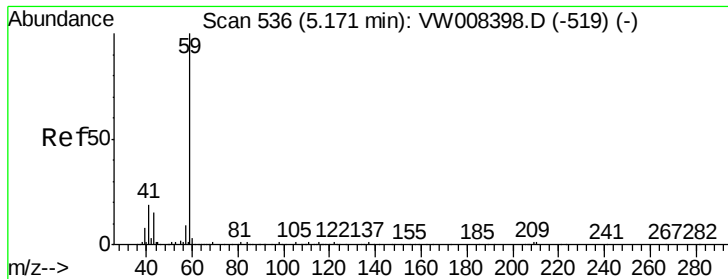
Delta R.T. 0.00 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

Tgt Ion:	142	Resp:	816727
Ion Ratio	Lower	Upper	
142	100		
127	43.2	34.6	52.0
141	14.4	11.4	17.2





#11

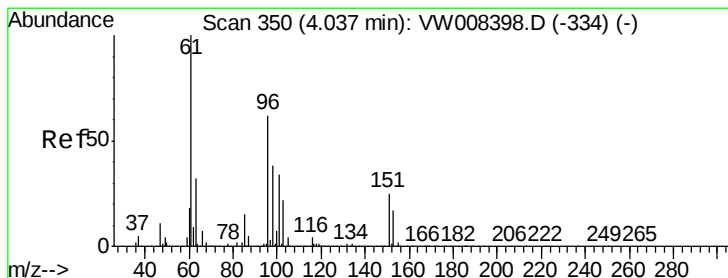
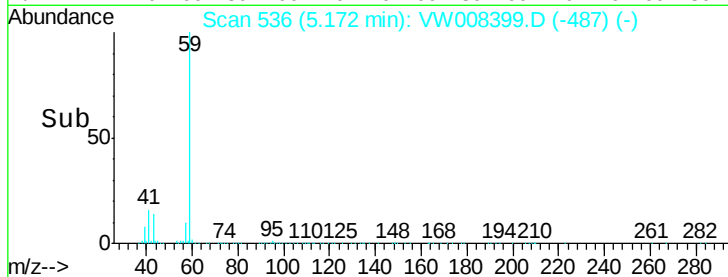
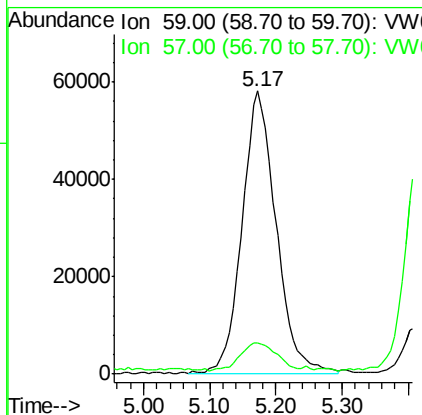
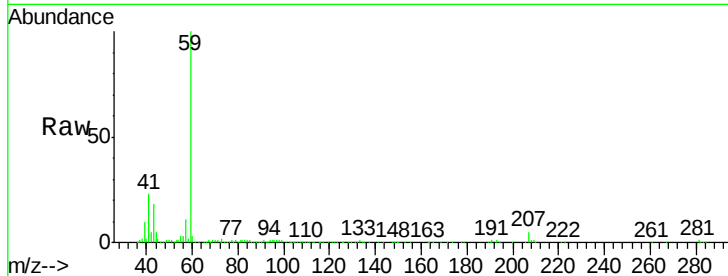
Tert butyl alcohol
Concen: 565.336 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.00 min
Lab File: VW008399.D
Acq: 24 Jan 2019 16:33

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	9.3	13.9

Manual Integrations
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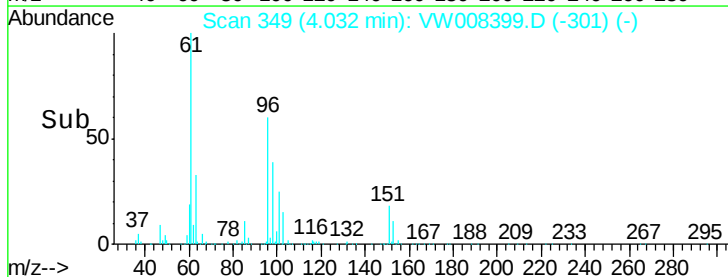
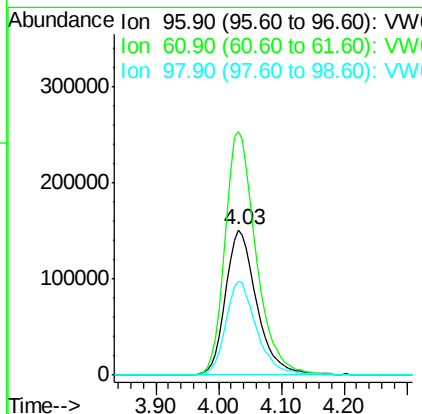
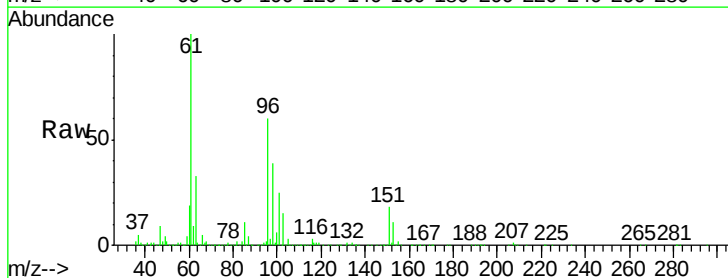
sam
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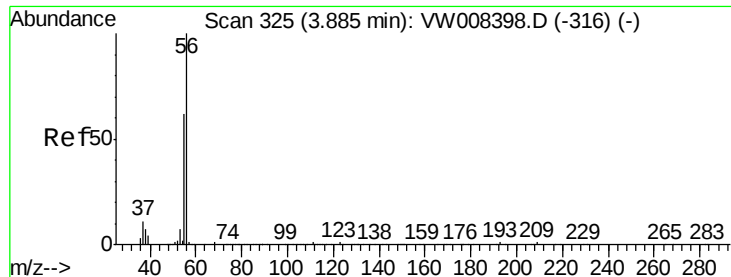


#12

1,1-Dichloroethene
Concen: 95.753 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW008399.D
Acq: 24 Jan 2019 16:33

Tgt Ion	Ratio	Lower	Upper
96	100		
61	167.7	129.5	194.3
98	64.3	48.6	73.0





#13

Acrolein

Concen: 562.879 ug/l

RT: 3.89 min Scan# 325

Delta R.T. 0.00 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion: 56 Resp: 187136

Ion Ratio Lower Upper

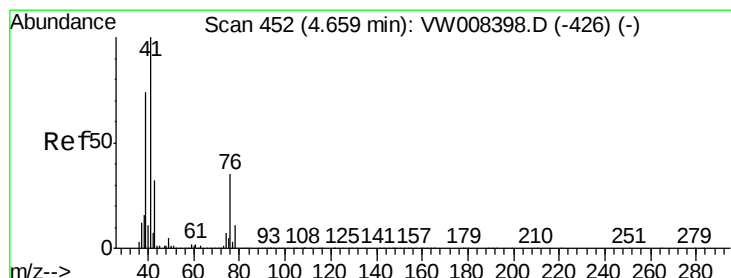
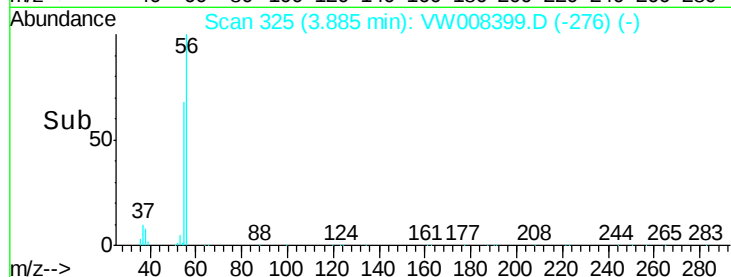
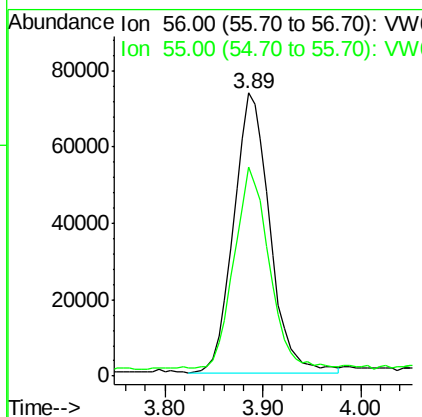
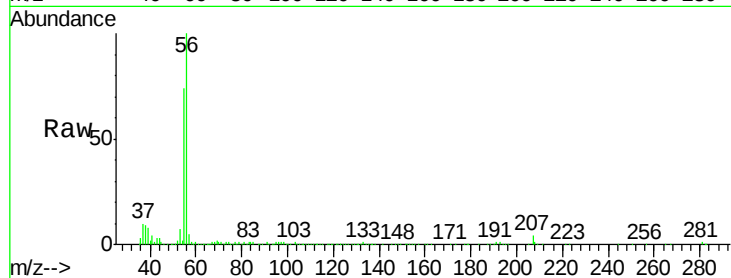
56 100

55 69.6 56.7 85.1

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#14

Allyl chloride

Concen: 110.204 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

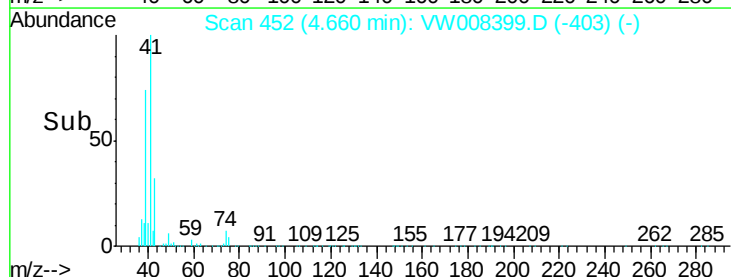
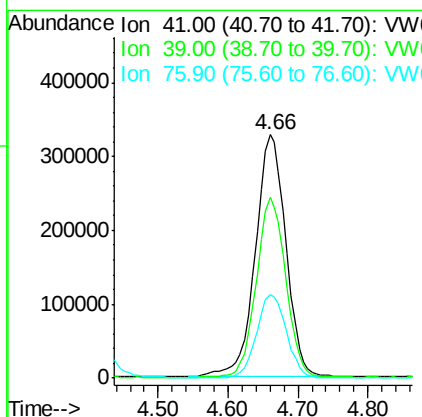
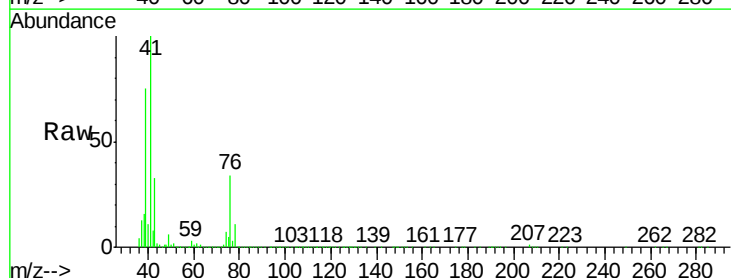
Tgt Ion: 41 Resp: 989595

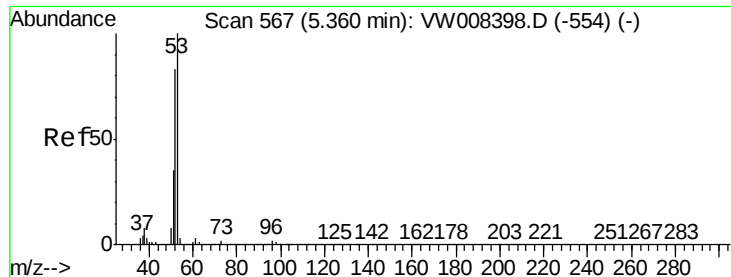
Ion Ratio Lower Upper

41 100

39 72.5 57.7 86.5

76 33.7 26.9 40.3





#15

Acrylonitrile

Concen: 508.690 ug/l

RT: 5.36 min Scan# 567

Delta R.T. 0.00 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

Instrument :

MSVOA_W

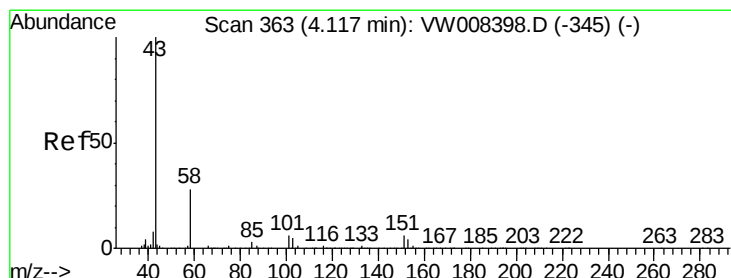
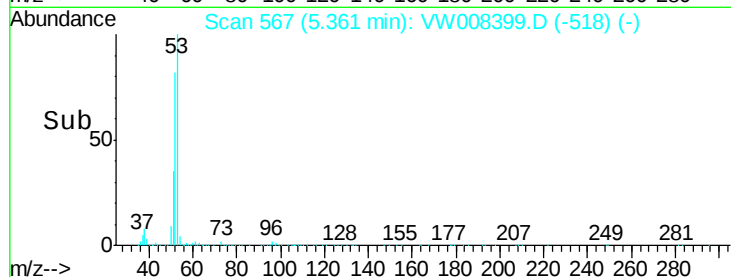
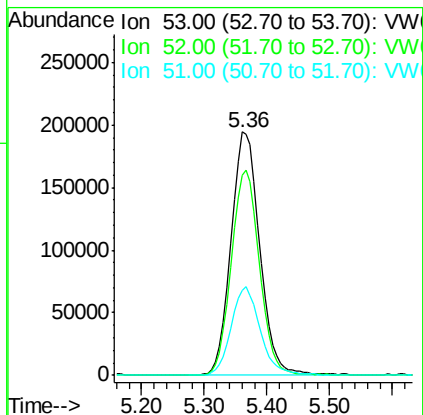
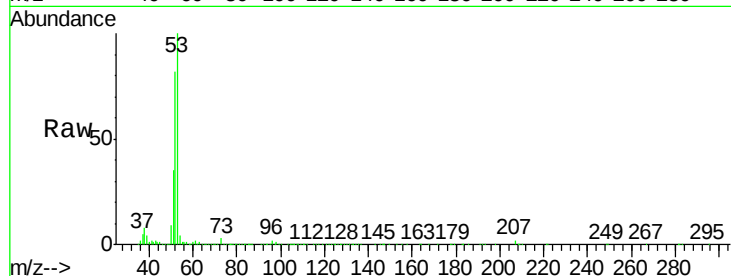
ClientSampled :

VSTDICC100

Tot Ion:	53	Resp:	614666
Ion Ratio		Lower	Upper
53	100		
52	83.0	67.0	100.4
51	36.9	29.8	44.8

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#16

Acetone

Concen: 466.859 ug/l

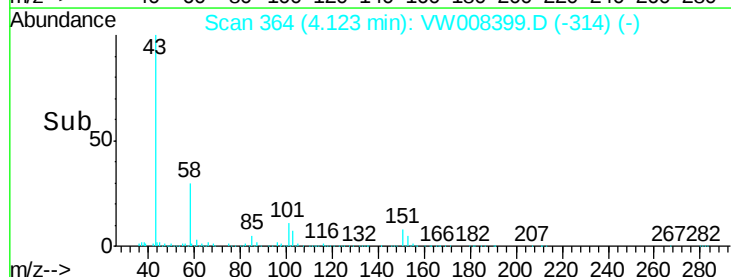
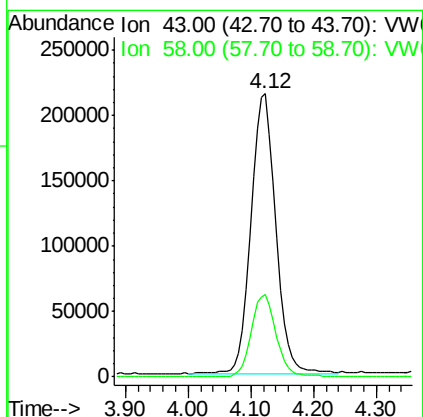
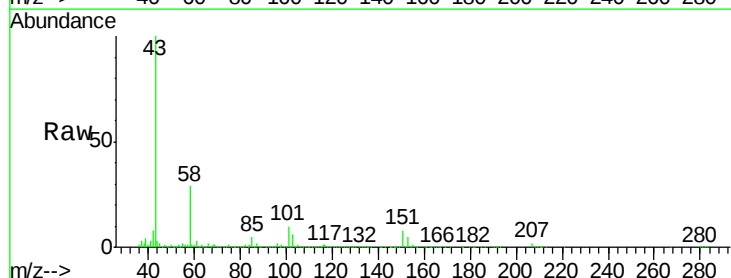
RT: 4.12 min Scan# 364

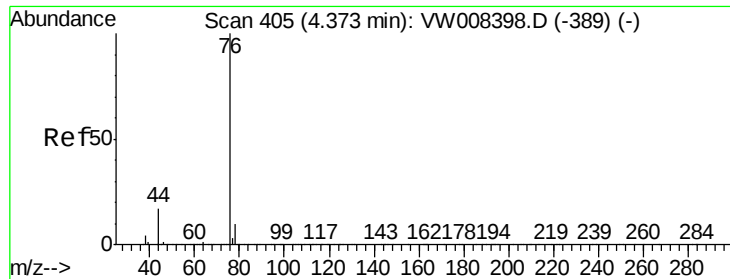
Delta R.T. 0.01 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

Tgt Ion:	43	Resp:	590404
Ion Ratio		Lower	Upper
43	100		
58	29.3	22.6	34.0





#17

Carbon Disulfide

Concen: 102.176 ug/l

RT: 4.37 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

Tot Ion: 76 Resp: 1670005

Ion Ratio Lower Upper

76 100

78 8.8 7.7 11.5

Instrument :

MSVOA_W

ClientSampleId :

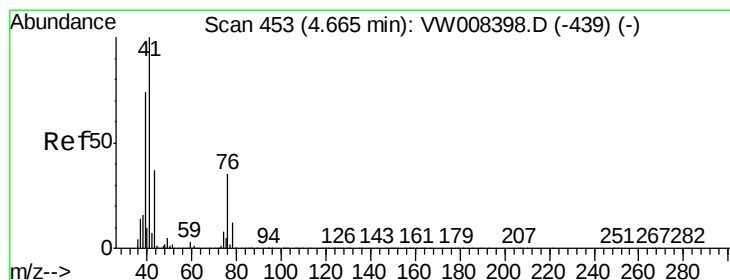
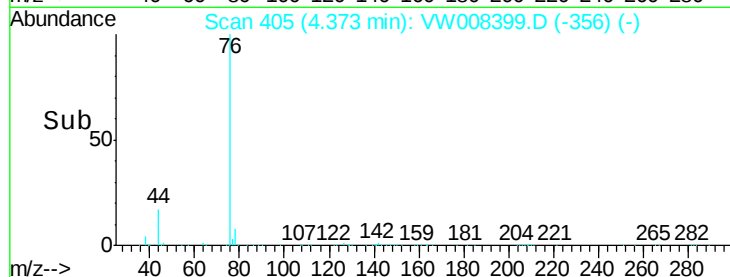
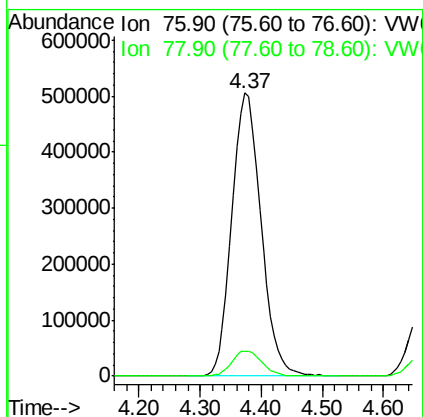
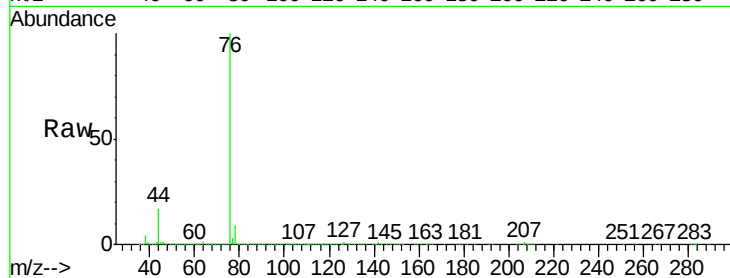
VSTDIC100

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#18

Methyl Acetate

Concen: 98.696 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW008399.D

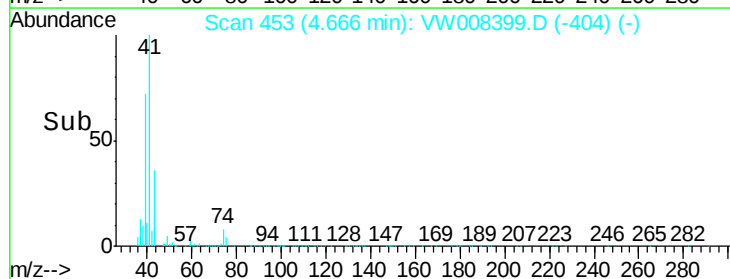
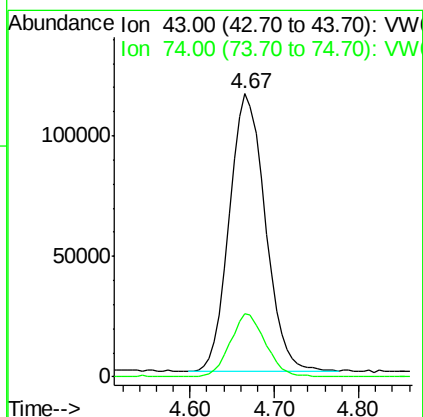
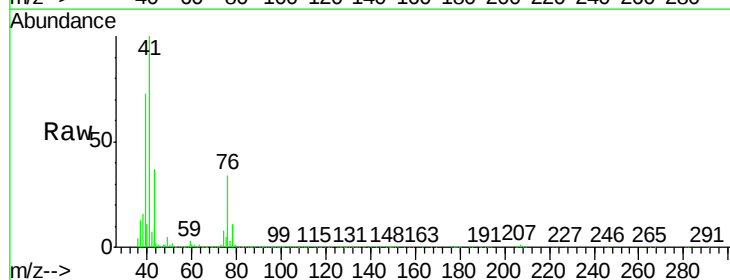
Acq: 24 Jan 2019 16:33

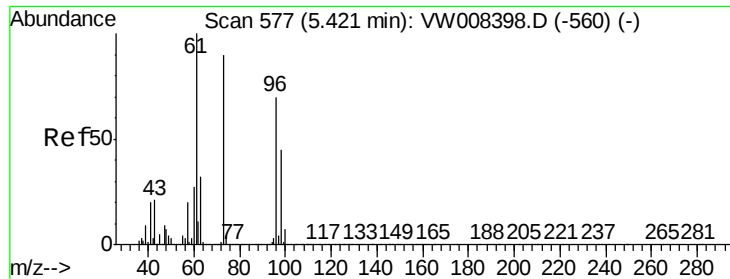
Tgt Ion: 43 Resp: 333410

Ion Ratio Lower Upper

43 100

74 22.2 17.5 26.3





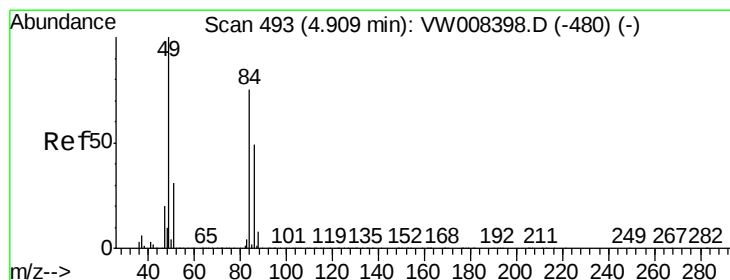
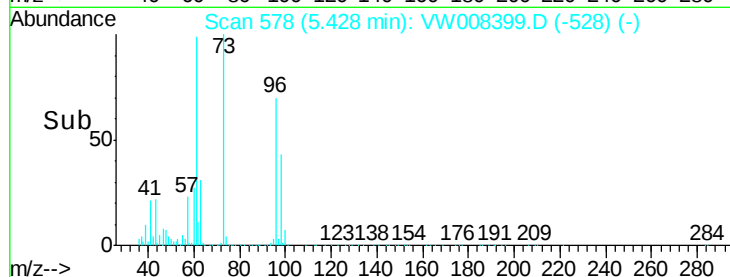
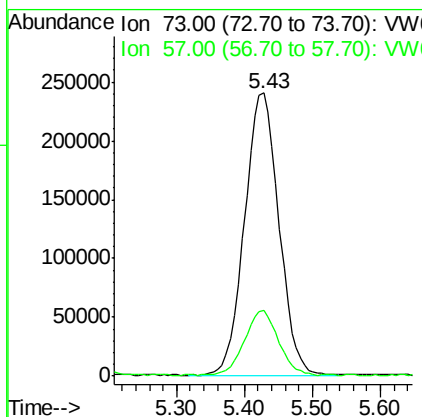
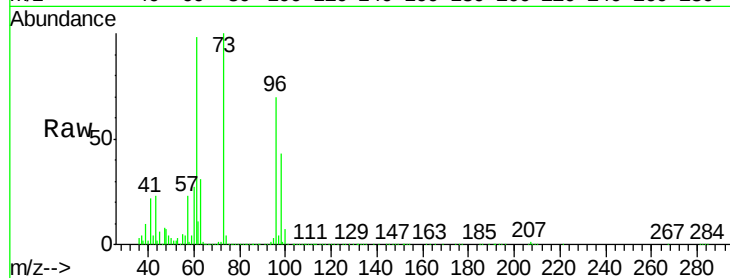
#19
Methvl tert-butvl Ether
Concen: 102.452 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.01 min
Lab File: VW008399.D
Acq: 24 Jan 2019 16:33

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Tot Ion: 73 Resp: 842405
Ion Ratio Lower Upper
73 100
57 23.1 18.0 27.0

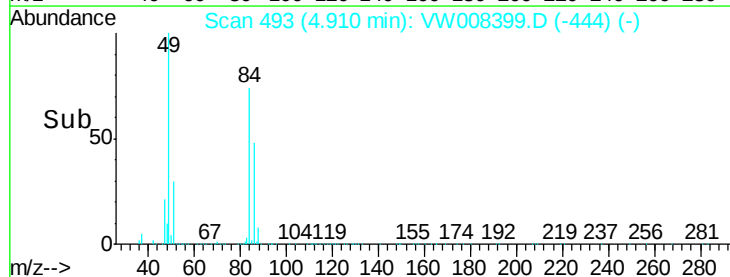
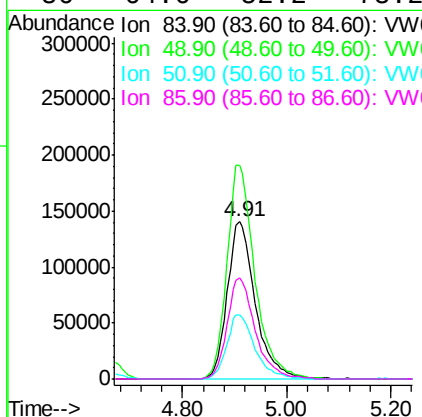
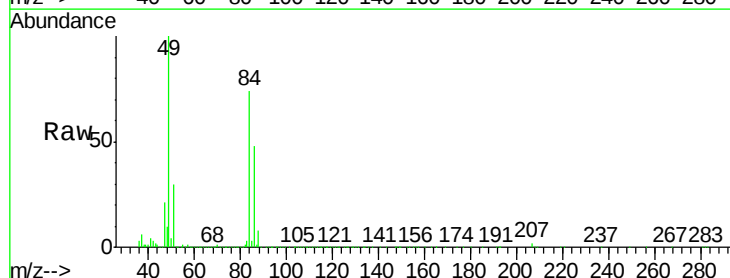
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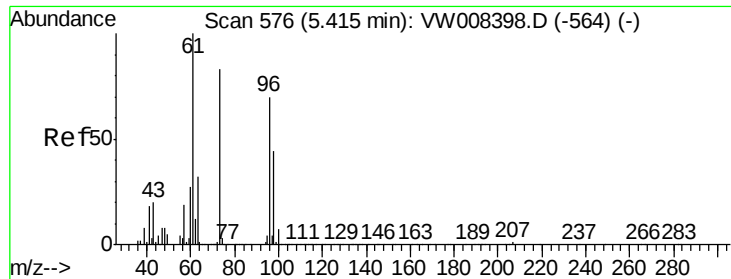
sam
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#20
Methylene Chloride
Concen: 78.459 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW008399.D
Acq: 24 Jan 2019 16:33

Tgt Ion: 84 Resp: 526884
Ion Ratio Lower Upper
84 100
49 136.0 106.8 160.2
51 40.8 32.9 49.3
86 64.6 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 95.866 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

Instrument :

MSVOA_W

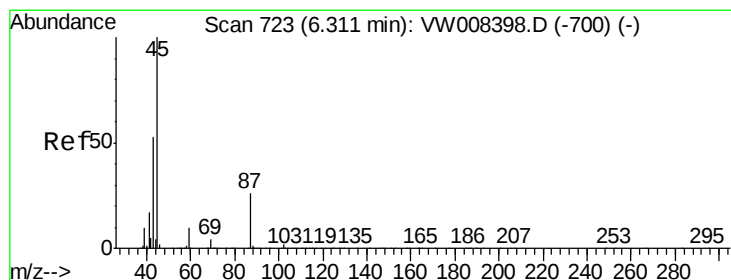
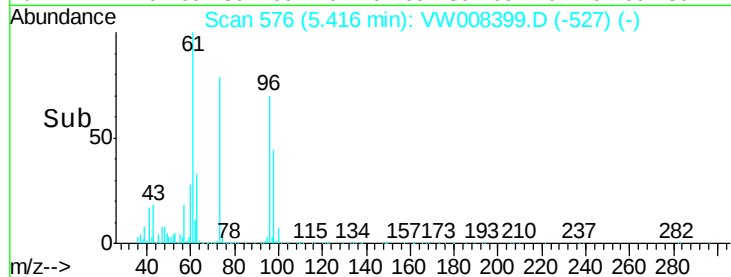
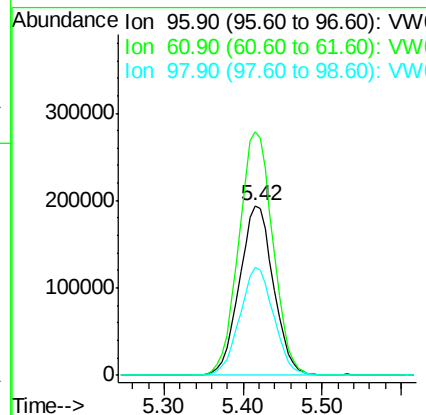
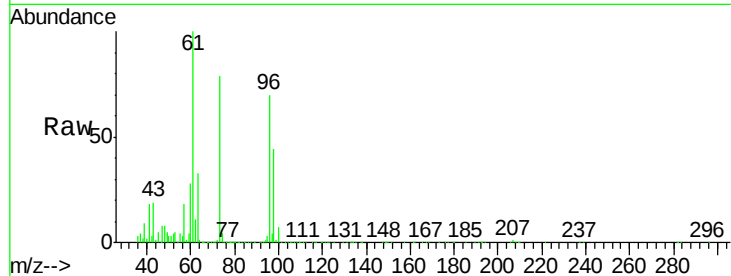
ClientSampleId :

VSTDIC100

Tot Ion:	96	Resp:	578345
Ion	Ratio	Lower	Upper
96	100		
61	143.7	114.4	171.6
98	63.7	50.6	75.8

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#22

Diisopropyl ether

Concen: 107.672 ug/l

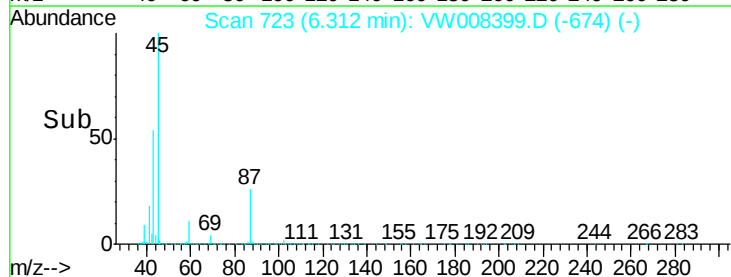
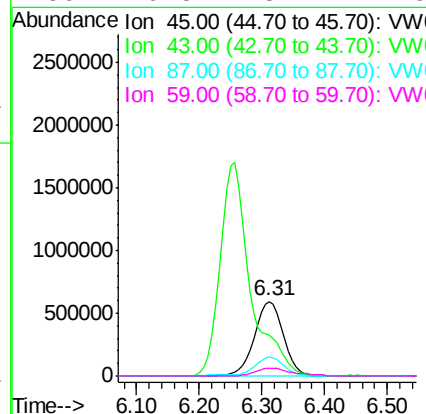
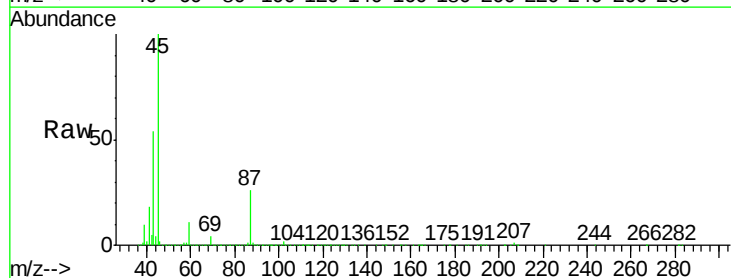
RT: 6.31 min Scan# 723

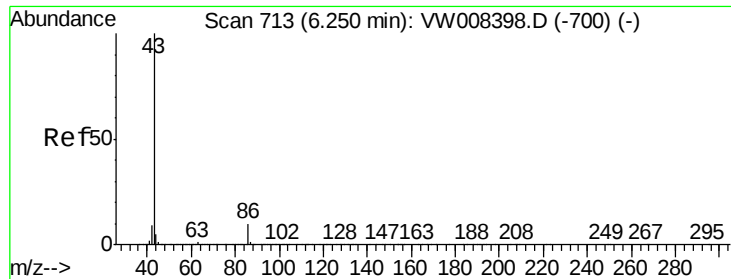
Delta R.T. 0.00 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

Tgt Ion:	45	Resp:	1887646
Ion	Ratio	Lower	Upper
45	100		
43	53.4	42.6	63.8
87	25.5	20.3	30.5
59	10.8	8.4	12.6





#23

Vinyl Acetate

Concen: 604.788 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.01 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 5667610

Ion Ratio Lower Upper

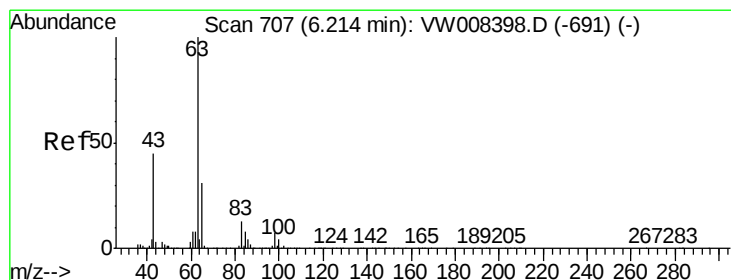
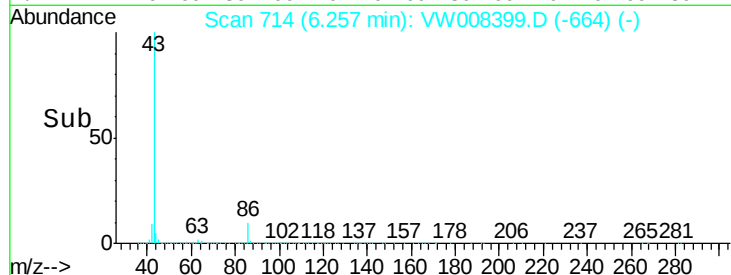
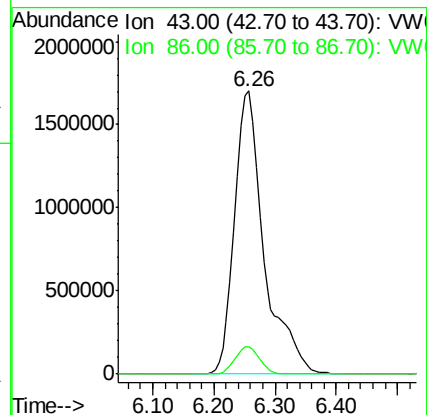
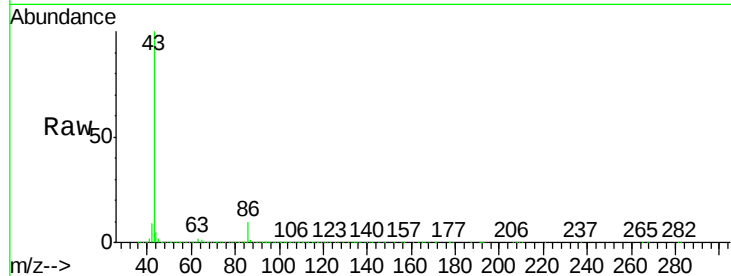
43 100

86 9.8 7.8 11.8

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#24

1,1-Dichloroethane

Concen: 99.624 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

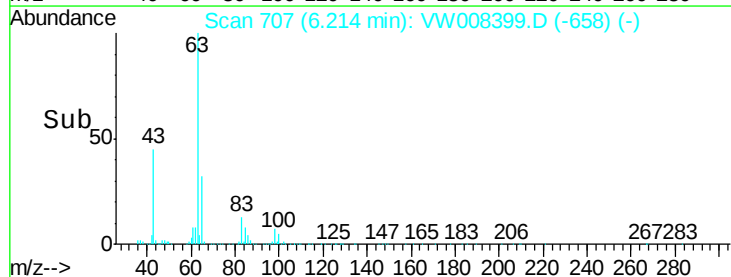
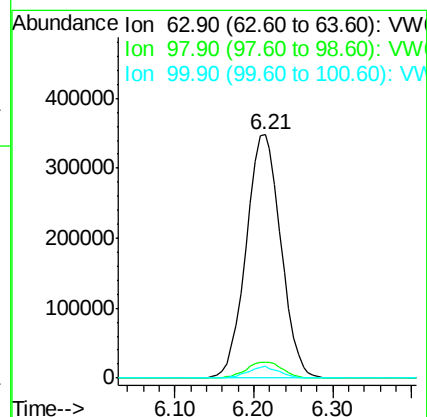
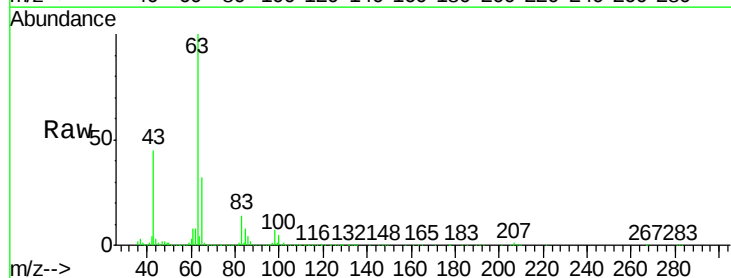
Tgt Ion: 63 Resp: 1063431

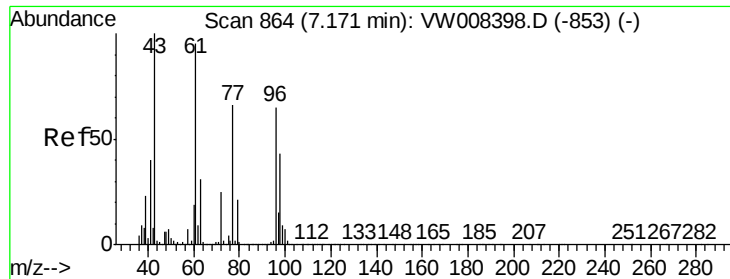
Ion Ratio Lower Upper

63 100

98 6.6 3.5 10.5

100 4.7 2.1 6.2





#25

2-Butanone

Concen: 543.125 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC100

Tot Ion: 43 Resp: 879724

Ion Ratio Lower Upper

43 100

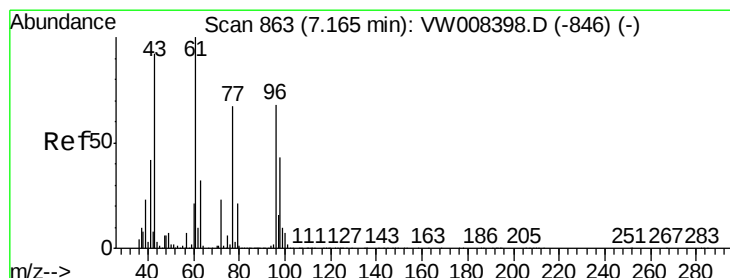
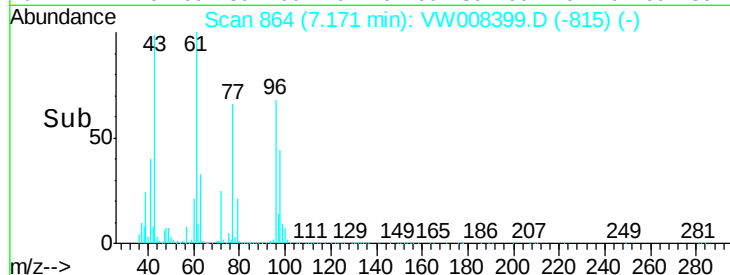
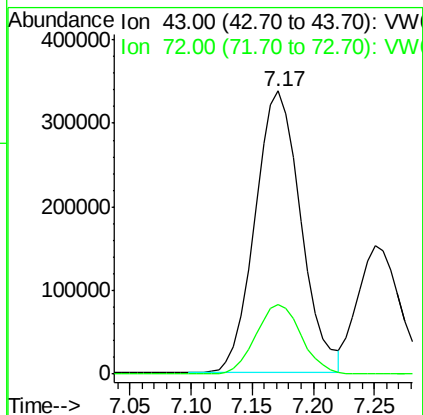
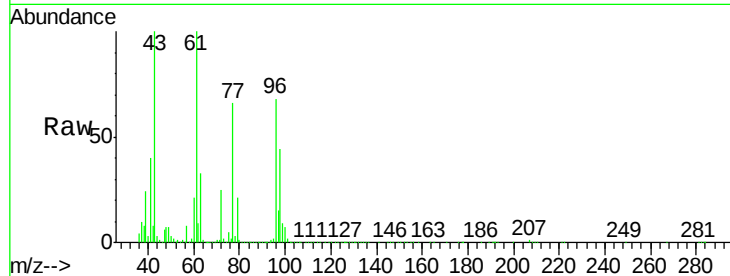
72 24.6 20.1 30.1

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 99.899 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW008399.D

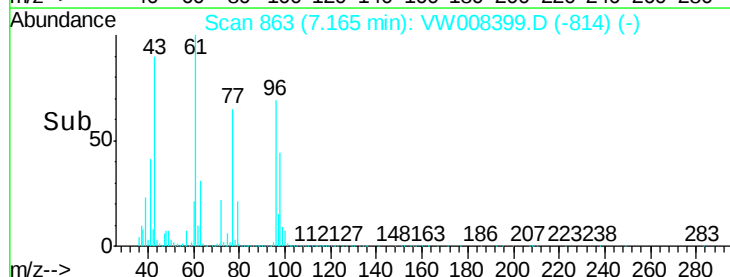
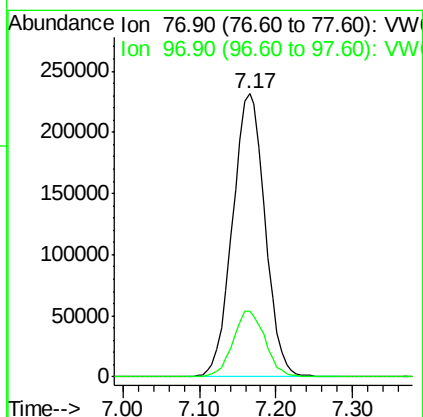
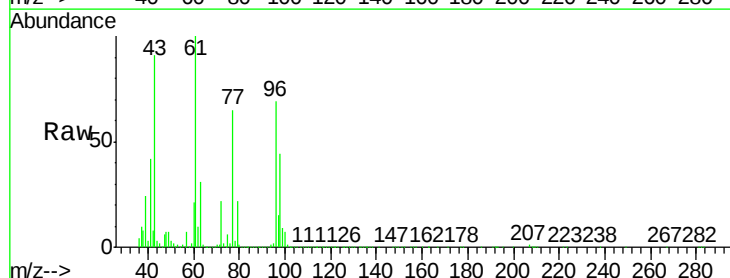
Acq: 24 Jan 2019 16:33

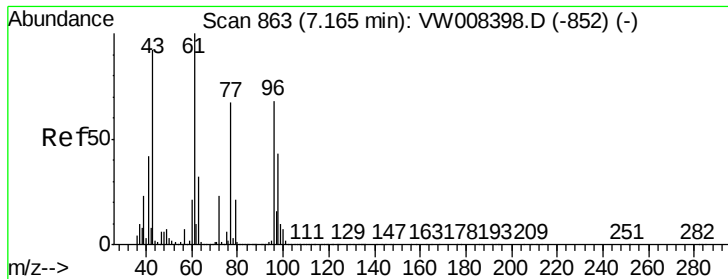
Tgt Ion: 77 Resp: 680510

Ion Ratio Lower Upper

77 100

97 22.7 11.5 34.5





#27

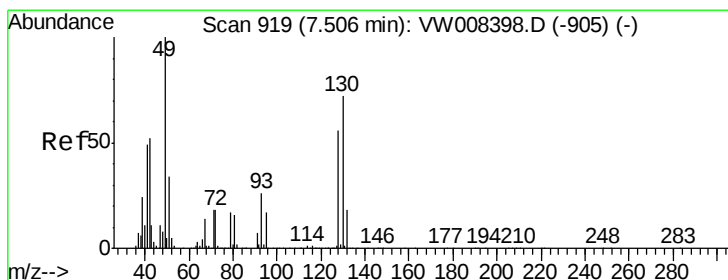
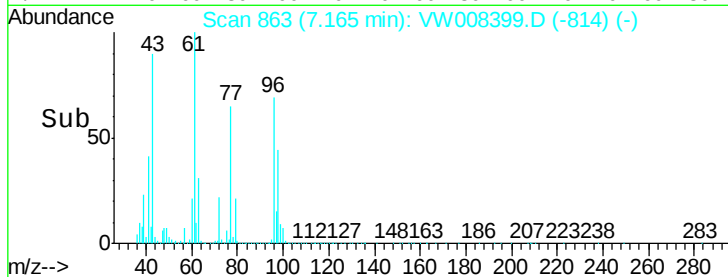
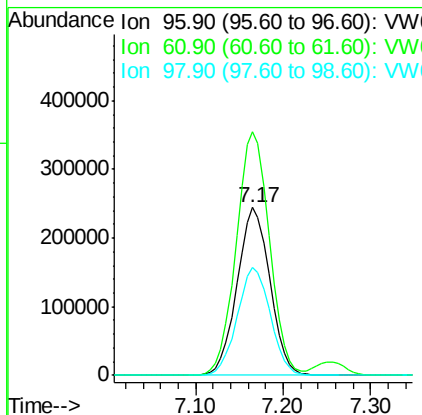
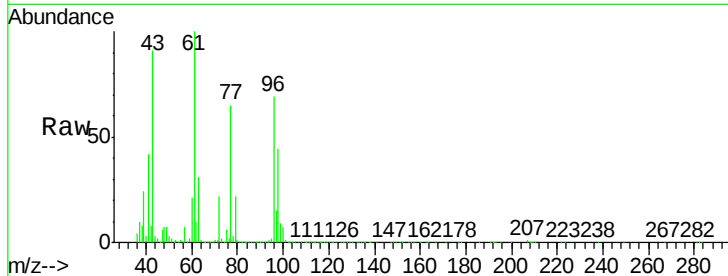
cis-1,2-Dichloroethene
Concen: 97.273 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW008399.D
Acq: 24 Jan 2019 16:33

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
96	100		
61	147.5	0.0	292.8
98	64.7	0.0	129.2

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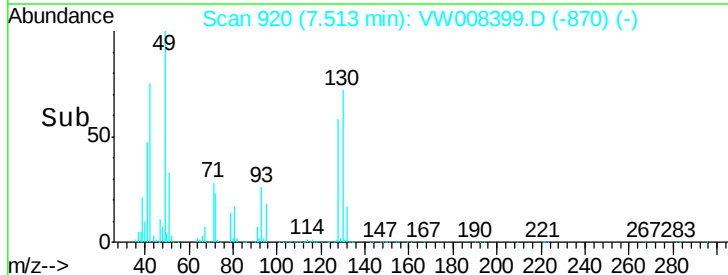
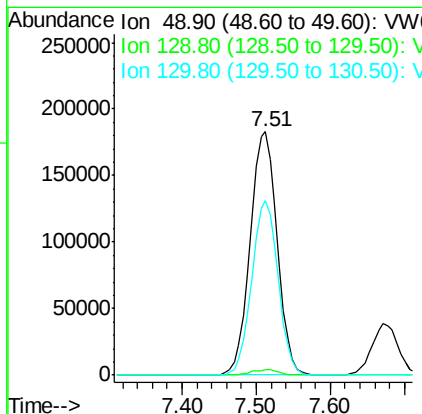
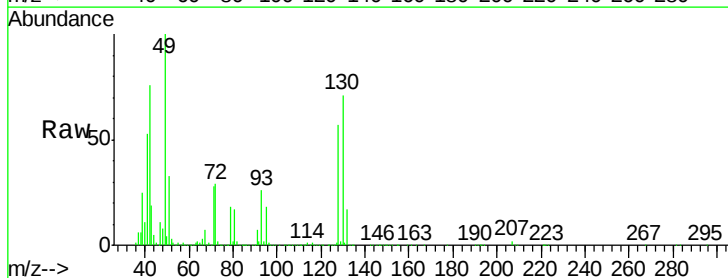
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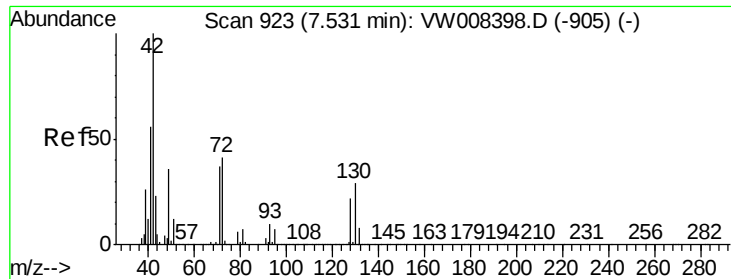


#28

Bromochloromethane
Concen: 105.720 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW008399.D
Acq: 24 Jan 2019 16:33

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.6
130	70.3	58.6	87.8





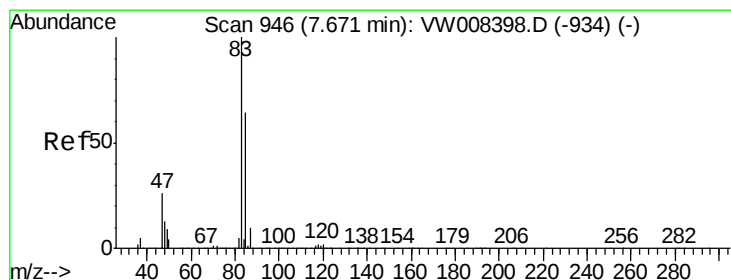
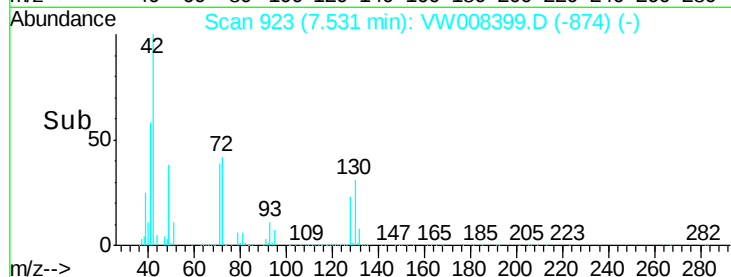
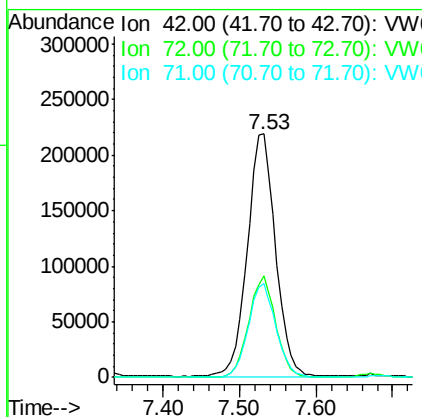
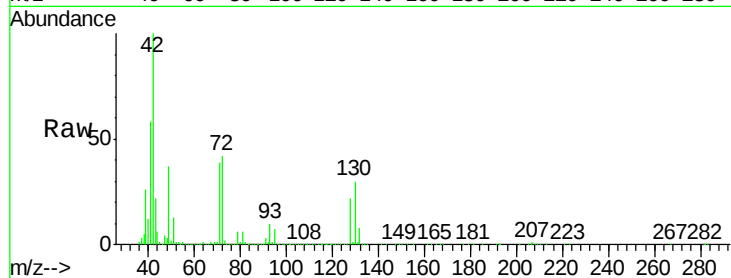
#29
Tetrahydrofuran
Concen: 554.367 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW008399.D
Acq: 24 Jan 2019 16:33

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.9	31.9	47.9
71	37.6	29.9	44.9

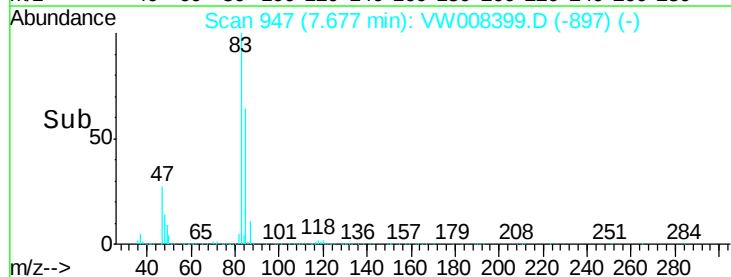
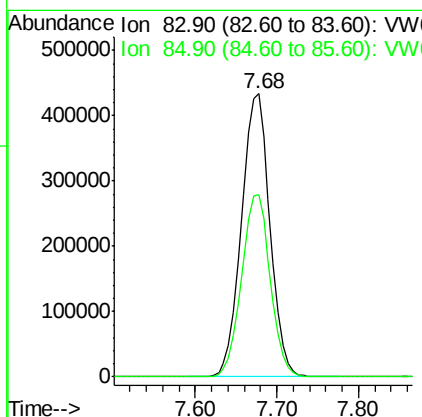
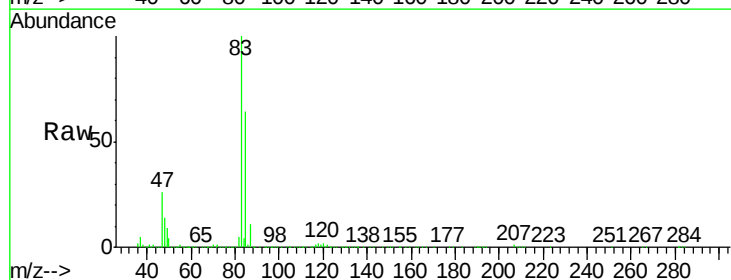
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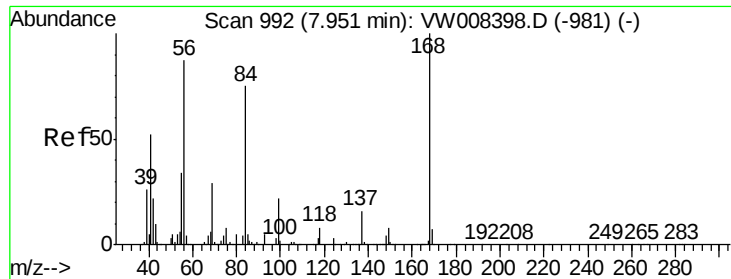
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#30
Chloroform
Concen: 99.237 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.01 min
Lab File: VW008399.D
Acq: 24 Jan 2019 16:33

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	50.9	76.3





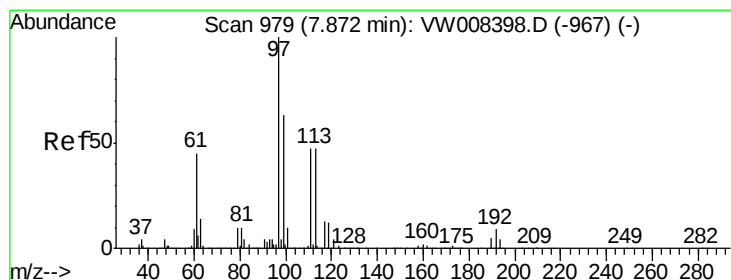
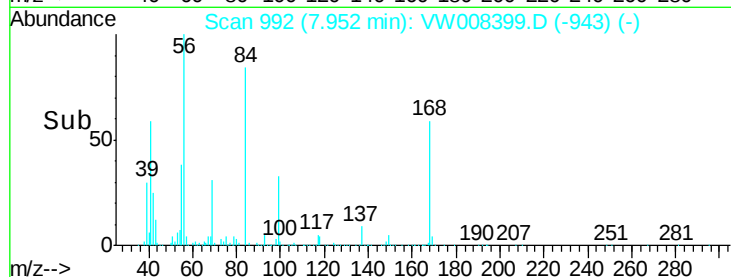
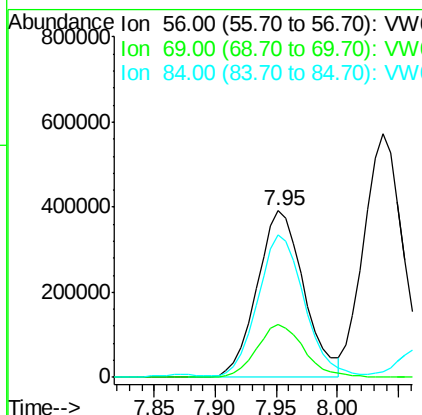
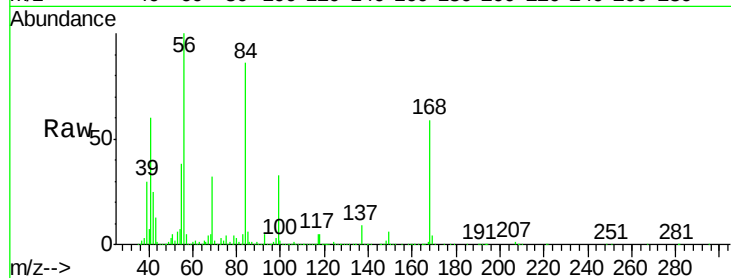
#31
Cvclohexane
Concen: 102.329 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW008399.D
Acq: 24 Jan 2019 16:33

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.5	26.4	39.6
84	84.3	69.1	103.7

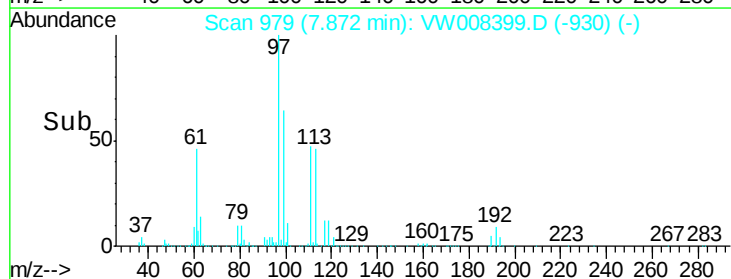
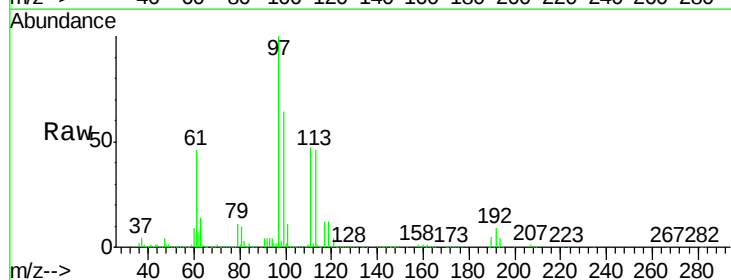
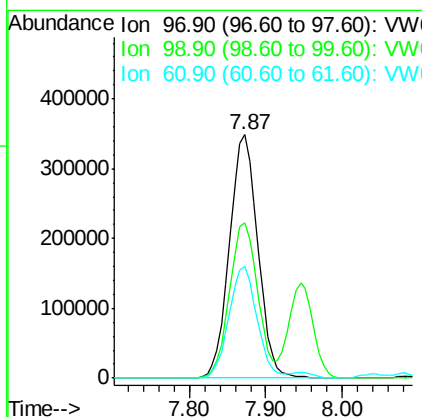
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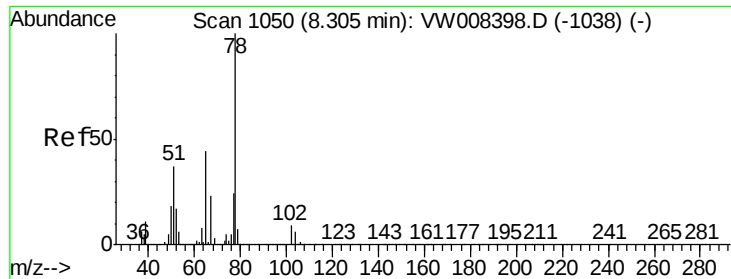
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#32
1,1,1-Trichloroethane
Concen: 100.434 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW008399.D
Acq: 24 Jan 2019 16:33

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.3	76.9
61	45.2	36.2	54.4





#33

1,2-Dichloroethane-d4

Concen: 94.885 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

Instrument :

MSVOA_W

ClientSampled :

VSTDIC100

Tot Ion: 65 Resp: 516690

Ion Ratio Lower Upper

65 100

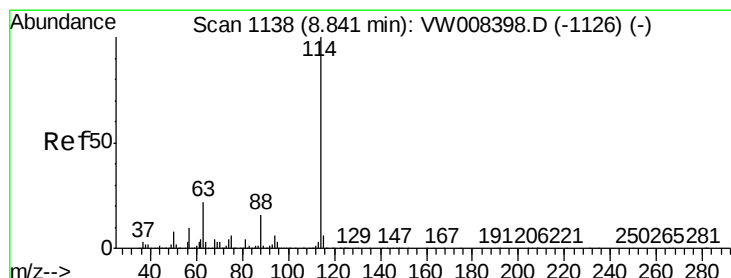
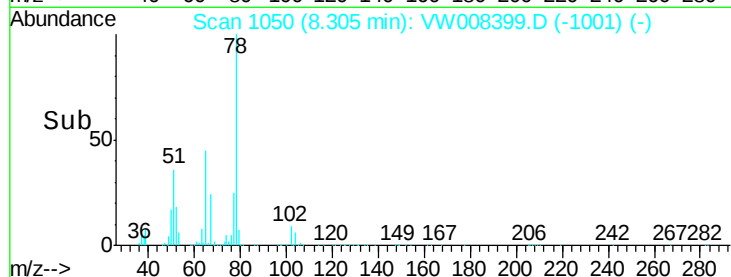
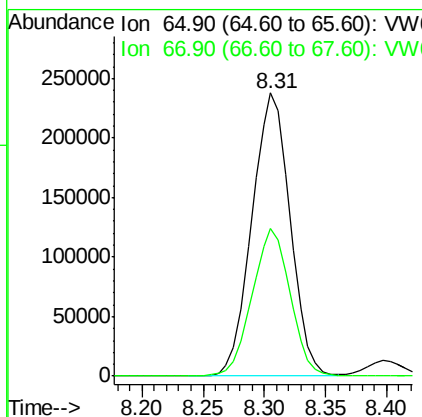
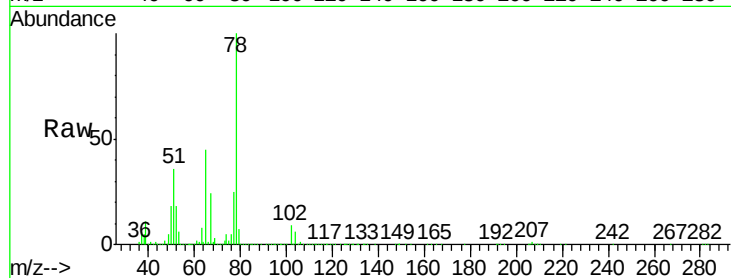
67 51.5 0.0 104.0

Manual Integrations

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1/25/2019 1:43:02 PM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

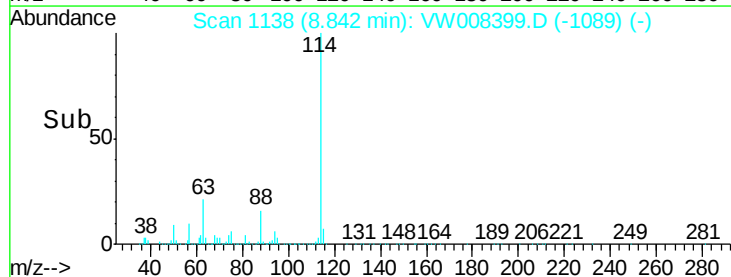
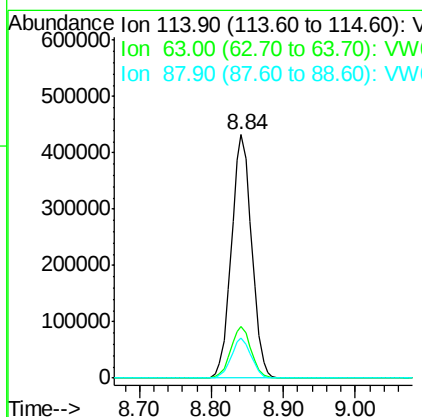
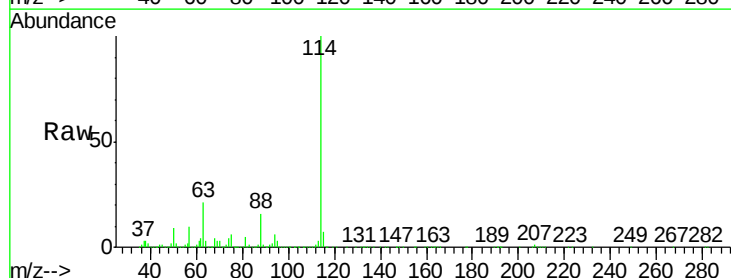
Tgt Ion: 114 Resp: 846418

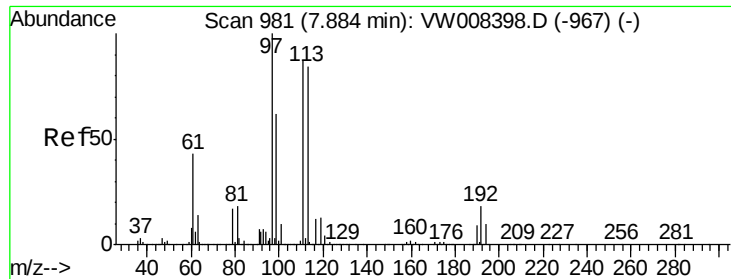
Ion Ratio Lower Upper

114 100

63 21.4 0.0 43.6

88 16.4 0.0 31.8





#35

Dibromofluoromethane

Concen: 88.480 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

Instrument :

MSVOA_W

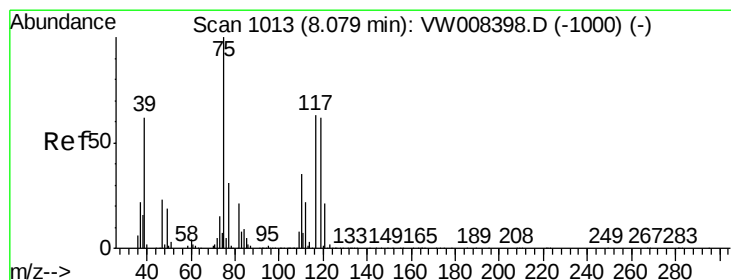
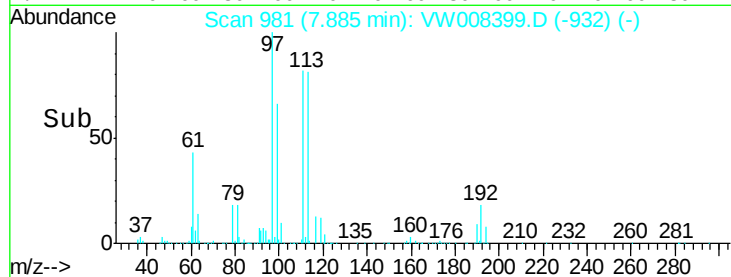
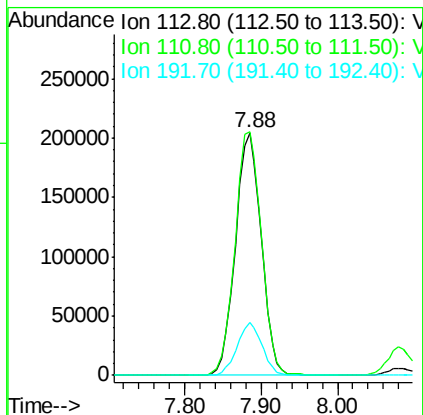
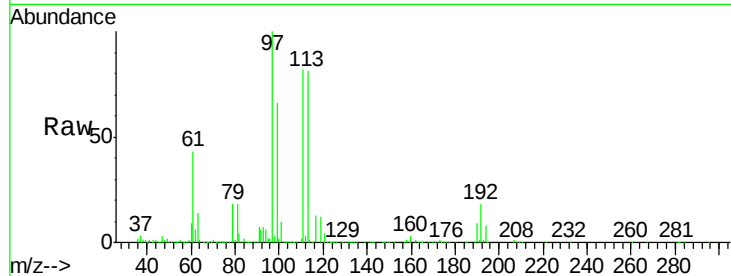
ClientSampled :

VSTDIC100

Tot Ion:	113	Resp:	478055
Ion Ratio	Lower	Upper	
113	100		
111	102.1	81.0	121.4
192	21.0	16.8	25.2

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#36

1,1-Dichloropropene

Concen: 100.968 ug/l

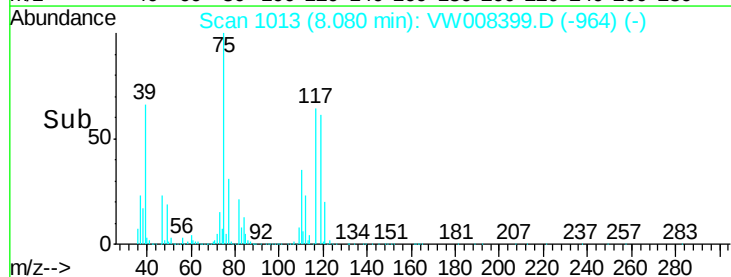
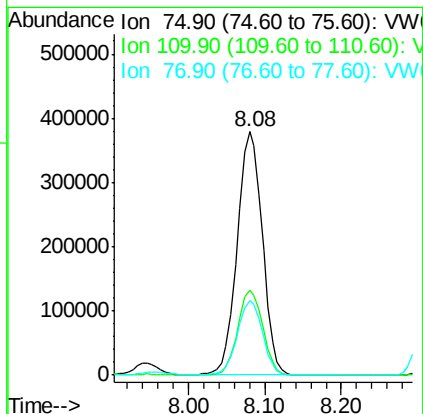
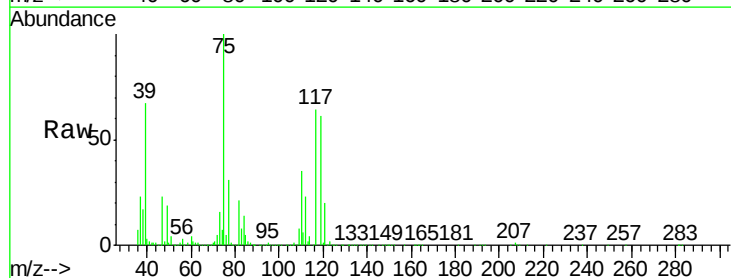
RT: 8.08 min Scan# 1013

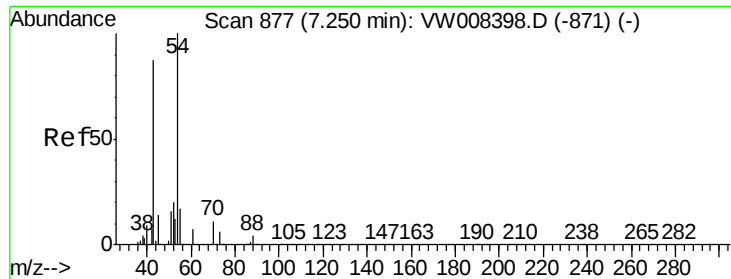
Delta R.T. 0.00 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

Tgt Ion:	75	Resp:	859811
Ion Ratio	Lower	Upper	
75	100		
110	34.7	17.3	52.0
77	30.9	24.7	37.1





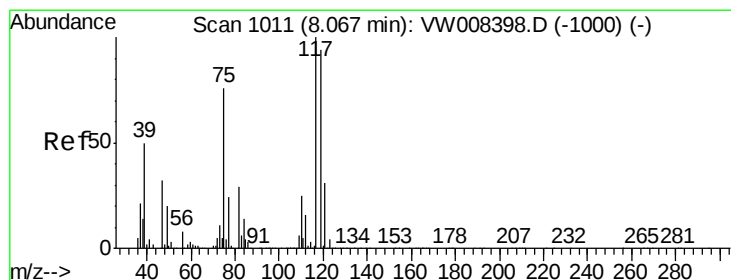
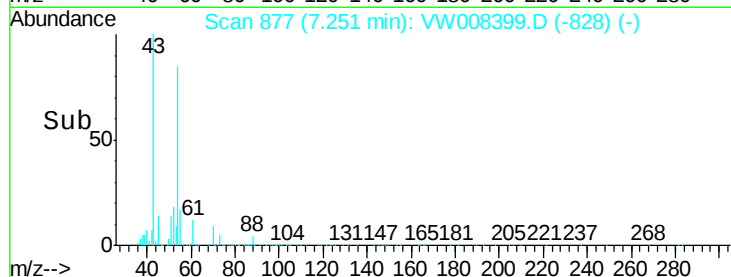
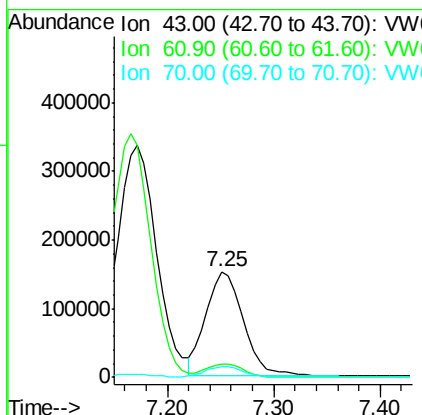
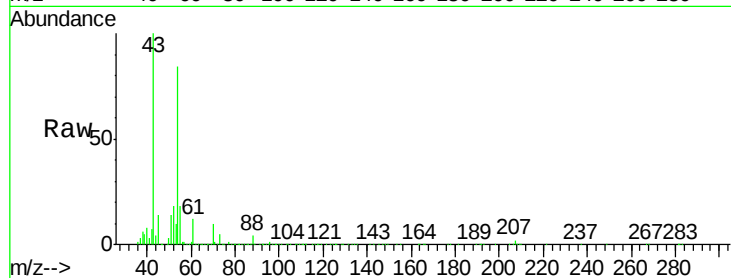
#37
Ethyl Acetate
Concen: 105.896 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW008399.D
Acq: 24 Jan 2019 16:33

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.7	10.1	15.1
70	10.3	7.8	11.6

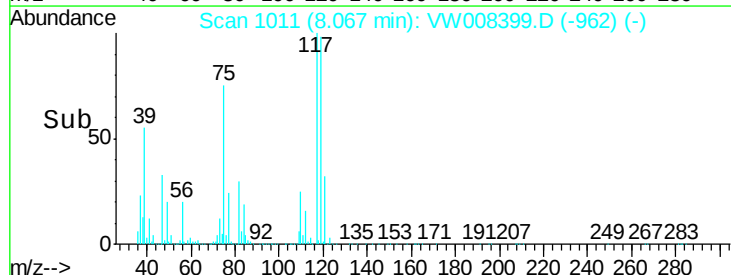
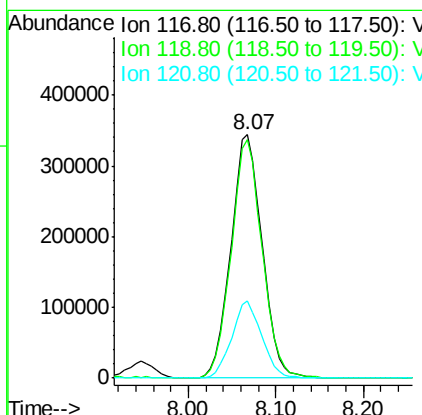
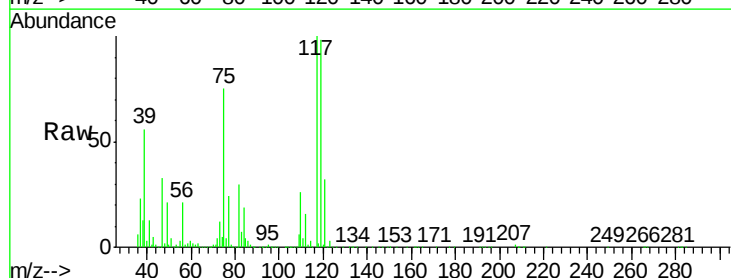
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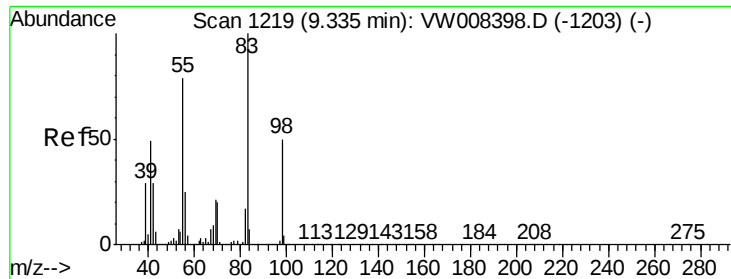
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1/25/2019 1:43:02 PM



#38
Carbon Tetrachloride
Concen: 101.419 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW008399.D
Acq: 24 Jan 2019 16:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.2	75.0	112.4
121	31.6	24.9	37.3





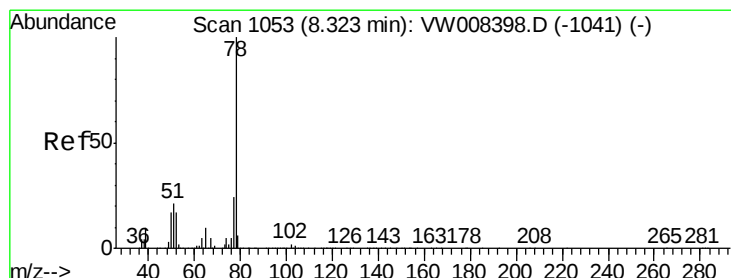
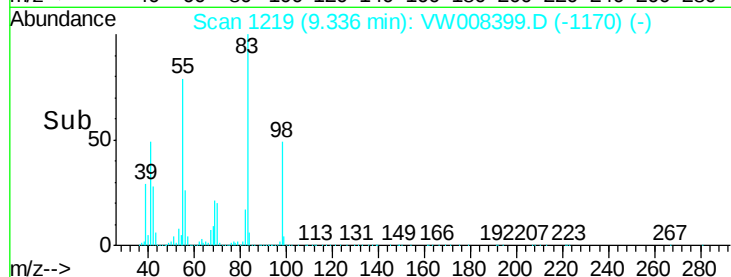
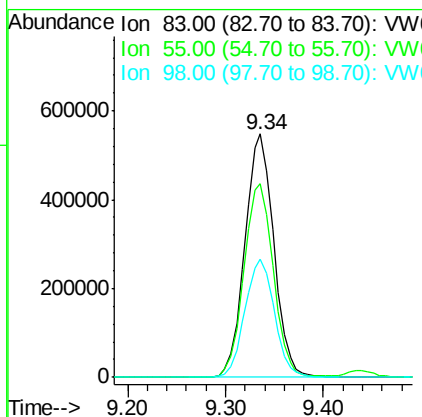
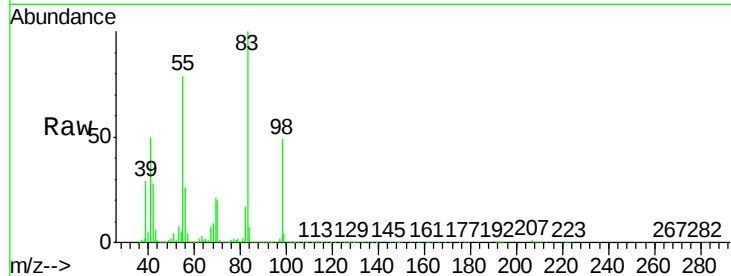
#39
Methvlcvclohexane
Concen: 110.647 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW008399.D
Acq: 24 Jan 2019 16:33

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.3	63.3	94.9
98	48.7	39.7	59.5

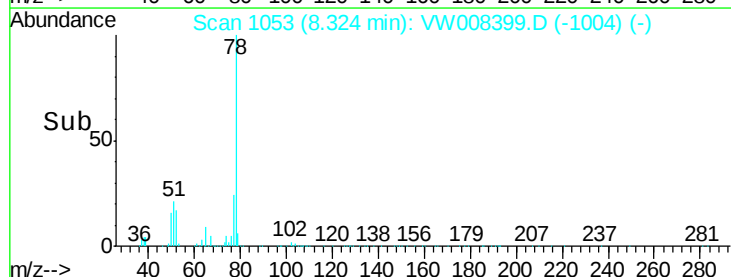
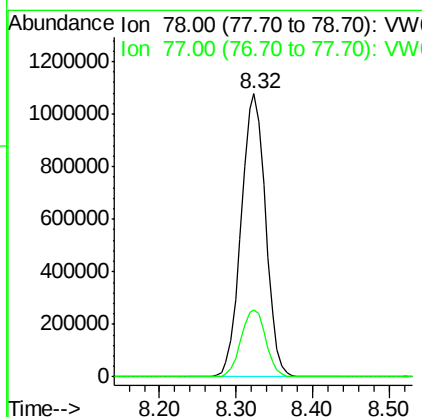
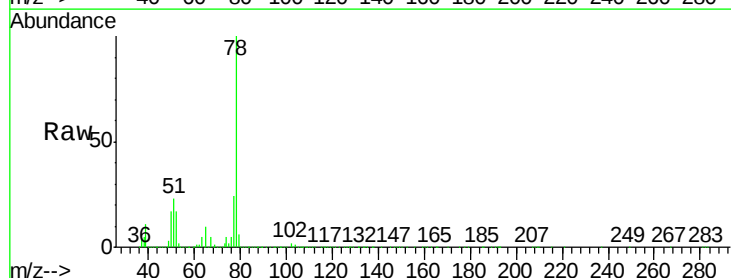
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#40
Benzene
Concen: 98.515 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW008399.D
Acq: 24 Jan 2019 16:33

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.0	28.6





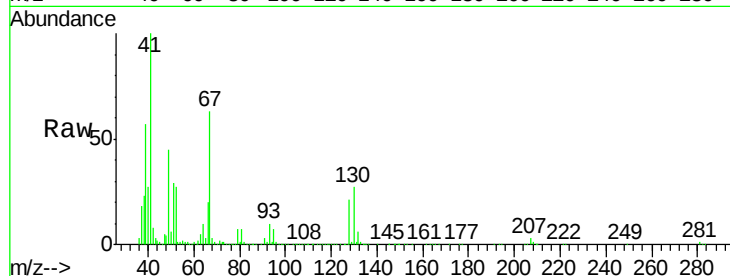
#41
Methacrylonitrile
Concen: 112.903 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW008399.D
Acq: 24 Jan 2019 16:33

Instrument :
MSVOA_W
ClientSampled :
VSTDIC100

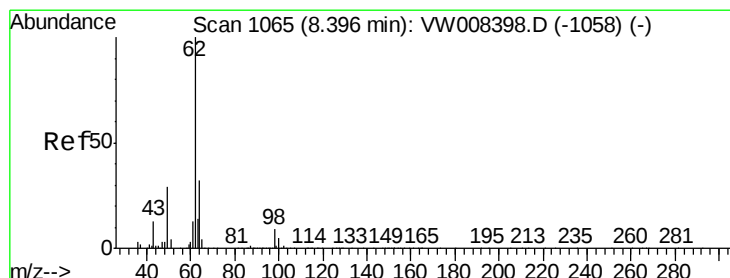
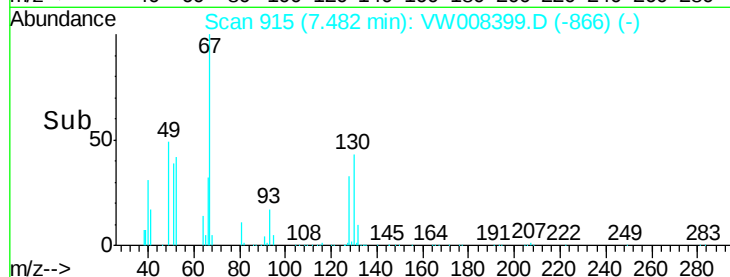
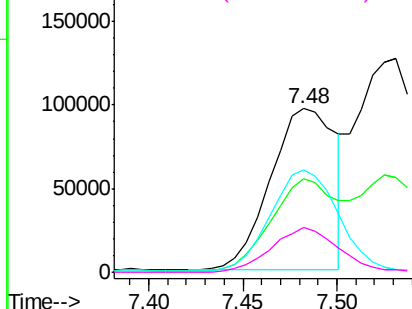
Tot Ion	Ratio	Lower	Upper
41	100		
39	61.2	43.4	65.0
67	66.2	54.2	81.2
52	28.4	22.9	34.3

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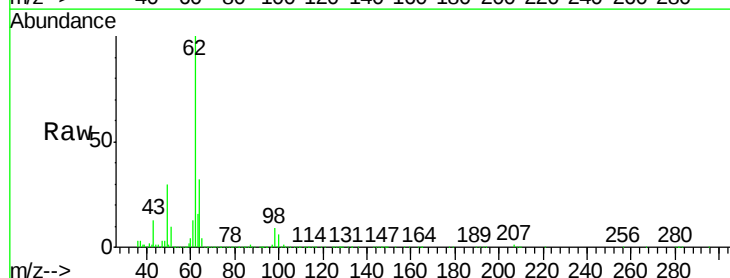


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

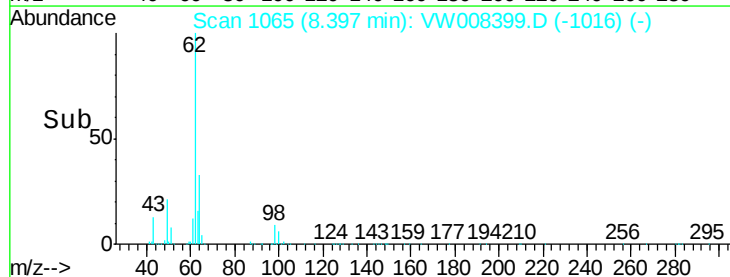
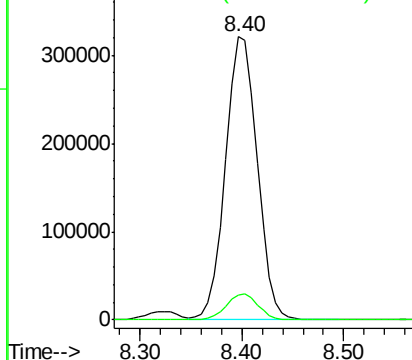


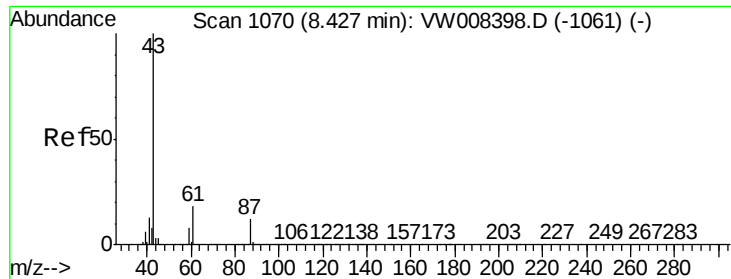
#42
1,2-Dichloroethane
Concen: 102.362 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW008399.D
Acq: 24 Jan 2019 16:33

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.6



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 120.050 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

Instrument :

MSVOA_W

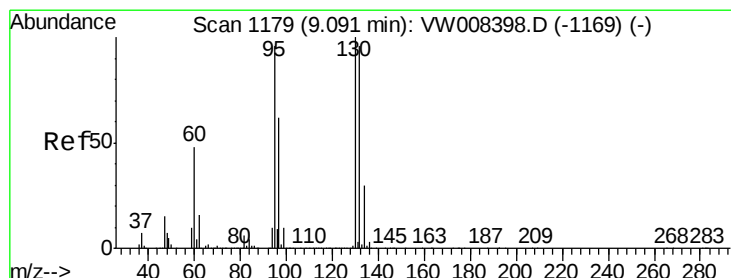
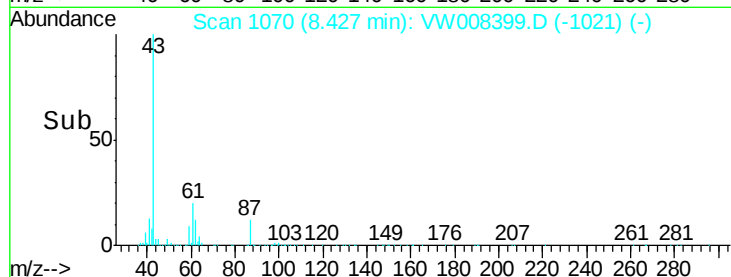
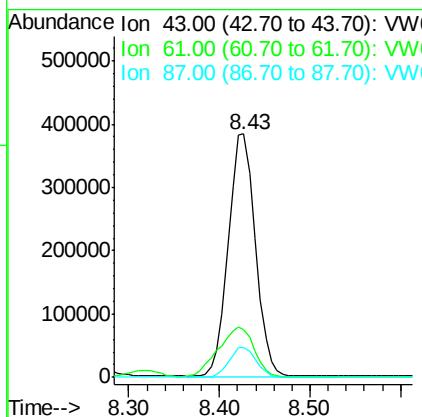
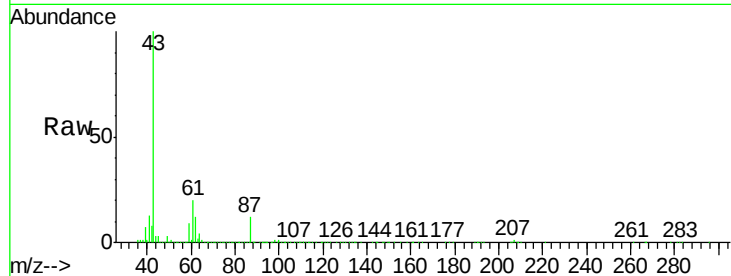
ClientSampled :

VSTDIC100

Tot Ion:	43	Resp:	796329
Ion Ratio	Lower	Upper	
43	100		
61	27.7	22.0	33.0
87	12.3	9.3	13.9

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#44

Trichloroethene

Concen: 96.168 ug/l

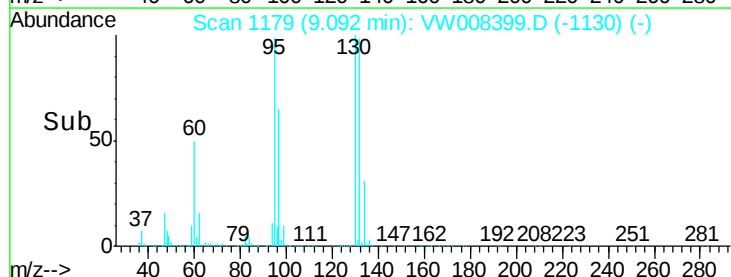
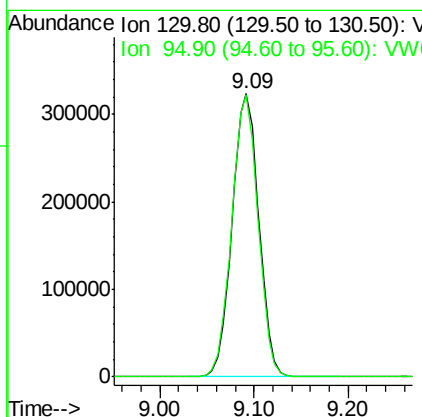
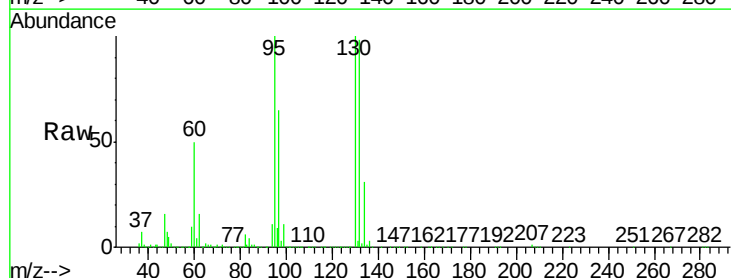
RT: 9.09 min Scan# 1179

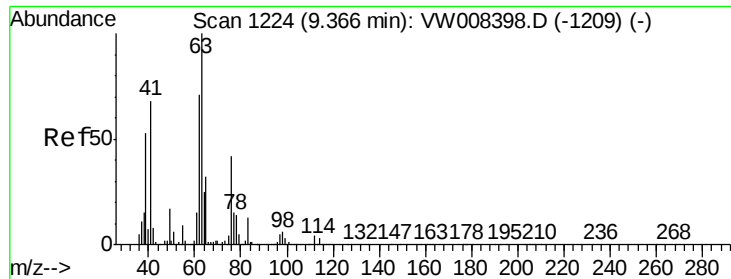
Delta R.T. 0.00 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

Tgt Ion:	130	Resp:	635554
Ion Ratio	Lower	Upper	
130	100		
95	99.4	0.0	191.6





#45

1,2-Dichloropropane

Concen: 99.241 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion: 63 Resp: 594643

Ion Ratio Lower Upper

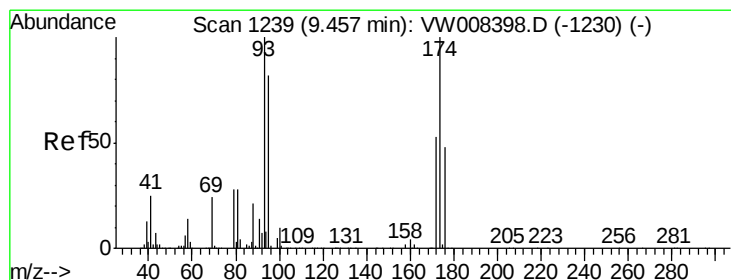
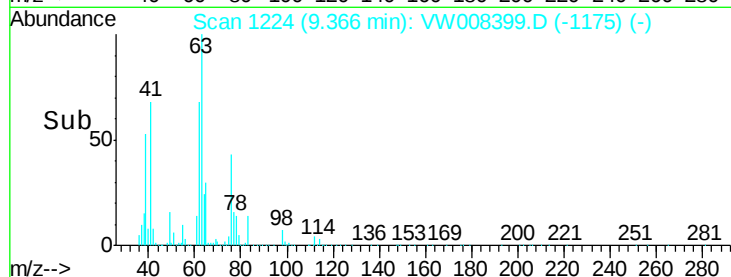
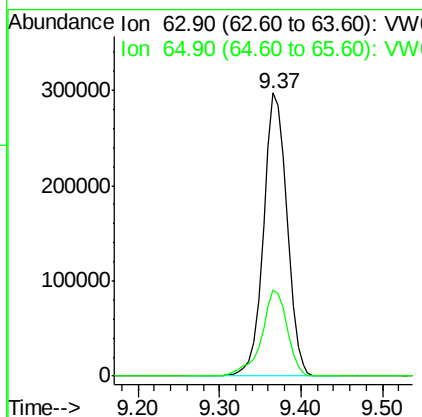
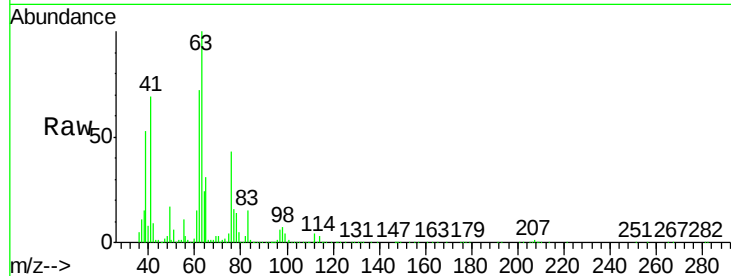
63 100

65 30.6 25.2 37.8

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1/25/2019 1:43:02 PM



#46

Dibromomethane

Concen: 96.854 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

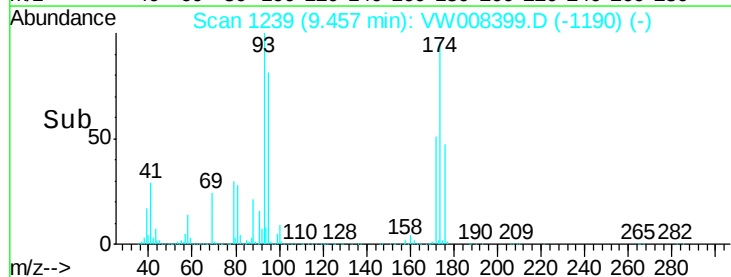
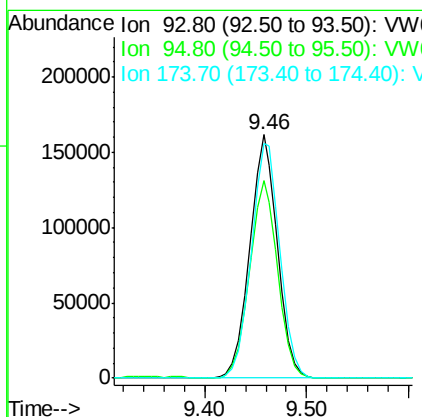
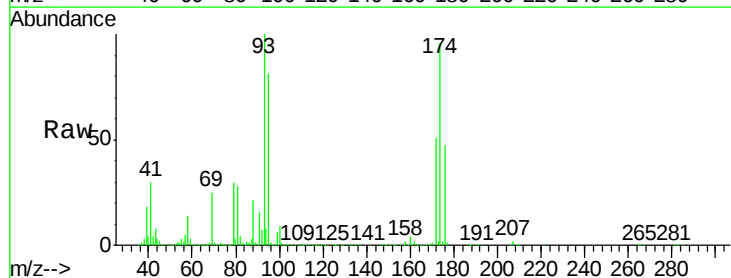
Tgt Ion: 93 Resp: 302468

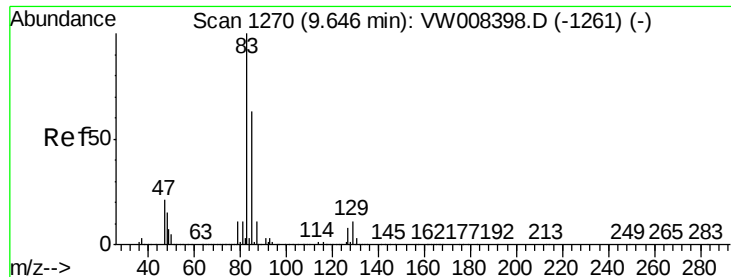
Ion Ratio Lower Upper

93 100

95 82.5 65.9 98.9

174 100.8 81.0 121.6





#47

Bromodichloromethane

Concen: 104.547 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

Instrument :

MSVOA_W

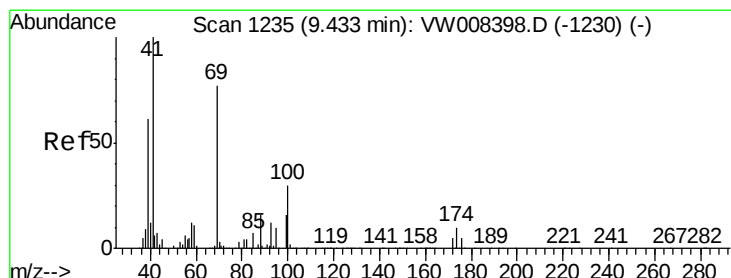
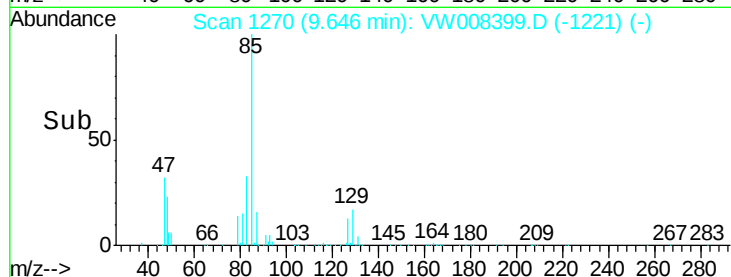
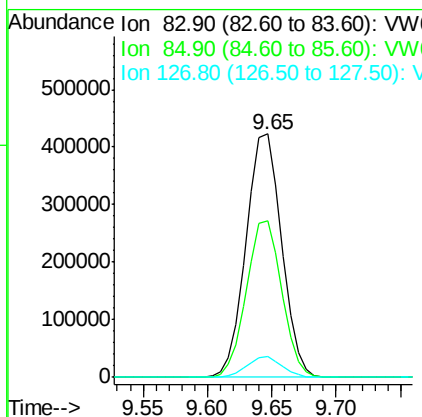
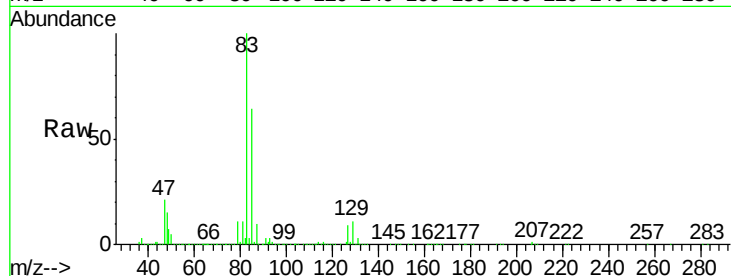
ClientSampleId :

VSTDIC100

Tot Ion:	83	Resp:	805348
Ion Ratio	Lower	Upper	
83	100		
85	64.1	50.8	76.2
127	8.5	6.8	10.2

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#48

Methyl methacrylate

Concen: 125.230 ug/l

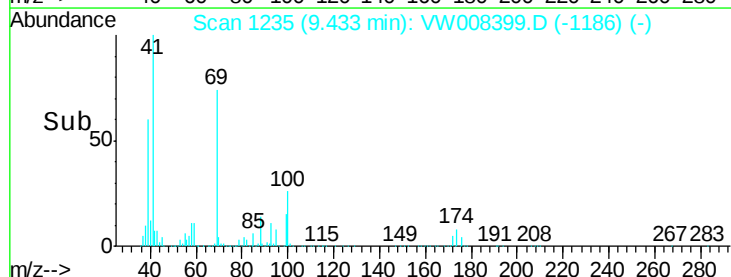
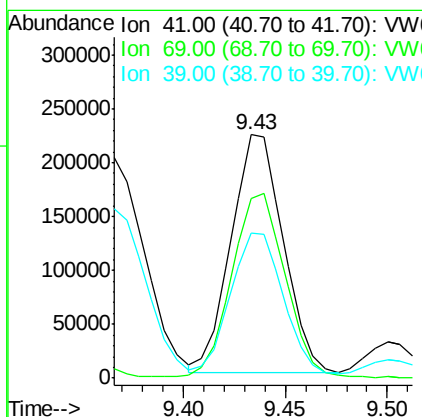
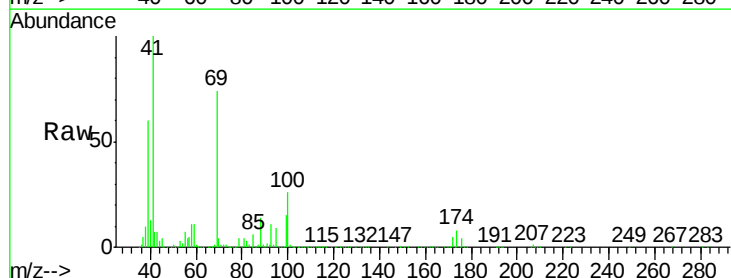
RT: 9.43 min Scan# 1235

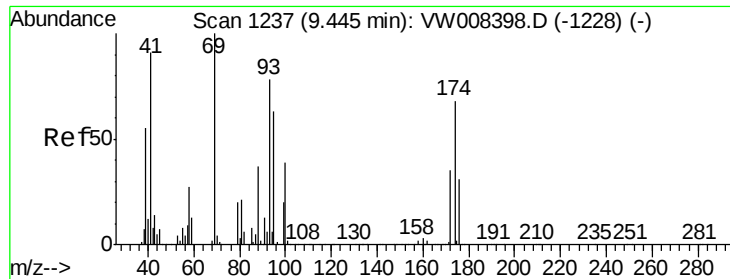
Delta R.T. 0.00 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

Tgt Ion:	41	Resp:	391051
Ion Ratio	Lower	Upper	
41	100		
69	79.2	64.8	97.2
39	59.7	49.1	73.7





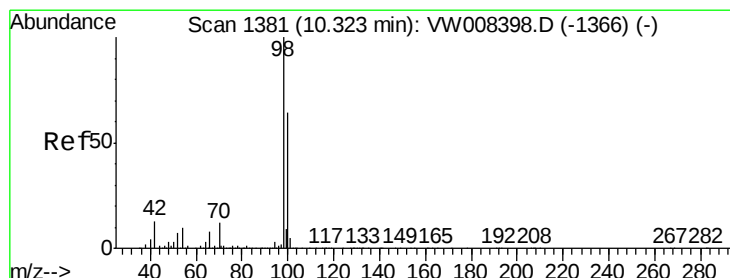
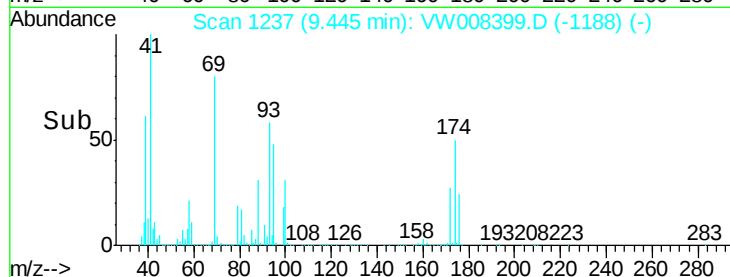
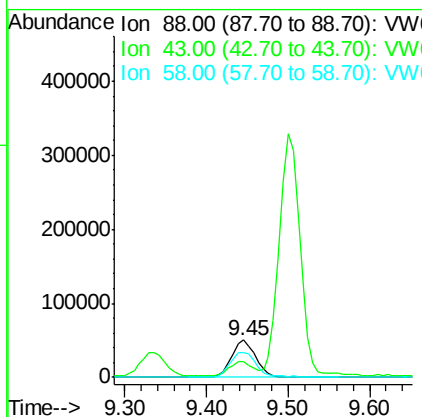
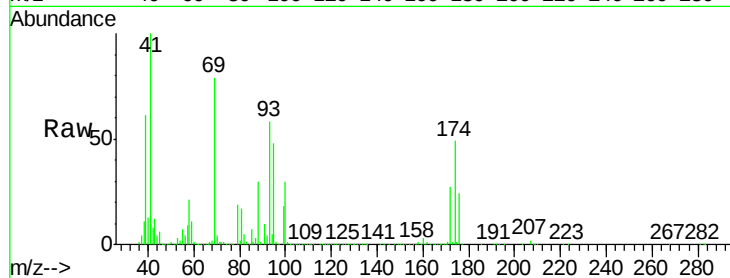
#49
1,4-Dioxane
Concen: 2003.934 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VW008399.D
Acq: 24 Jan 2019 16:33

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.9	29.0	43.4
58	73.7	56.4	84.6

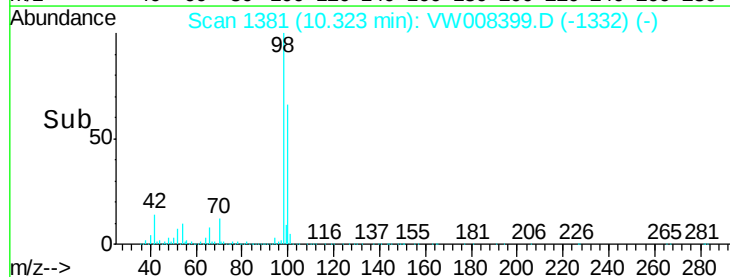
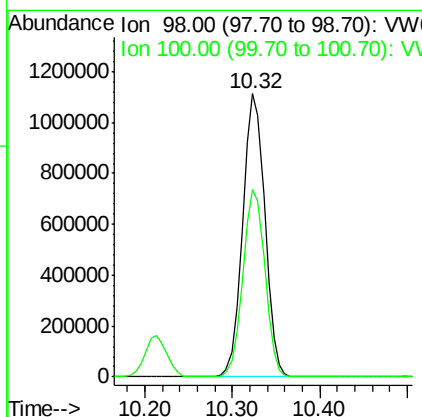
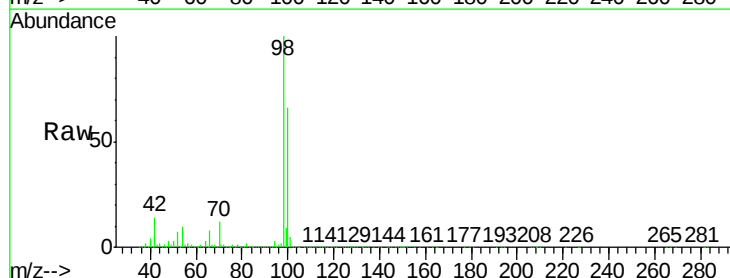
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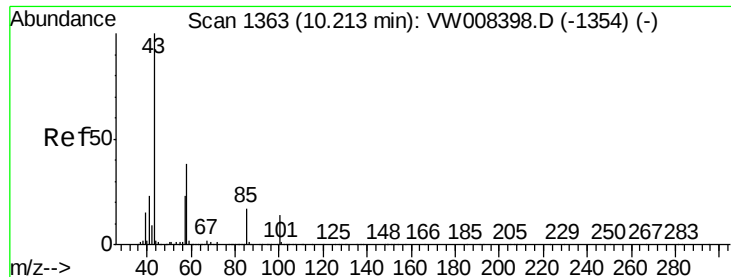
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#50
Toluene-d8
Concen: 91.940 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008399.D
Acq: 24 Jan 2019 16:33

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.6	78.8





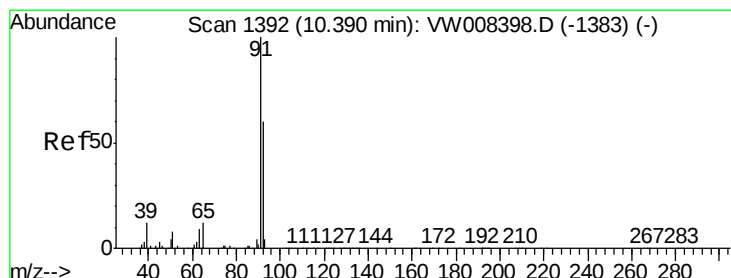
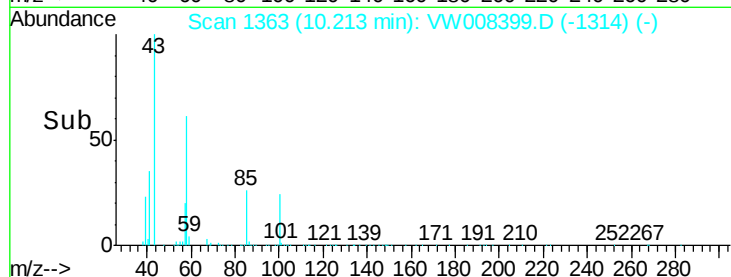
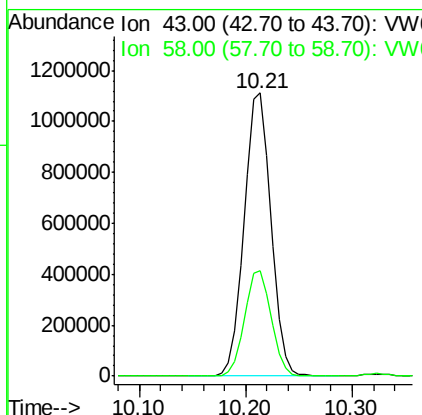
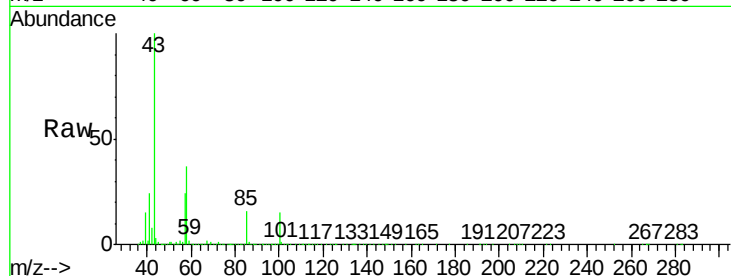
#51
4-Methyl-2-Pentanone
Concen: 584.140 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW008399.D
Acq: 24 Jan 2019 16:33

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion: 43 Resp: 1962016
Ion Ratio Lower Upper
43 100
58 37.2 29.7 44.5

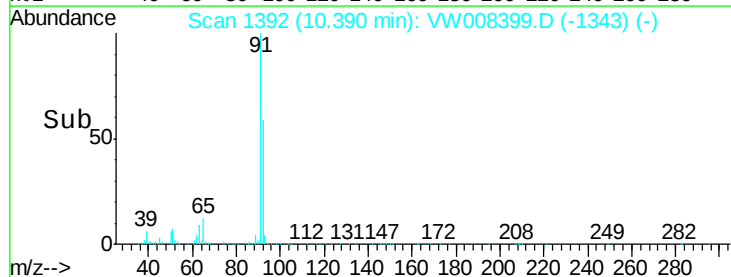
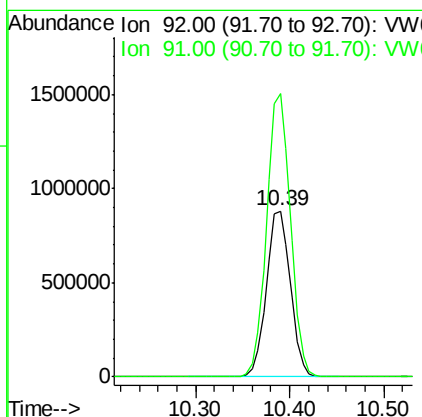
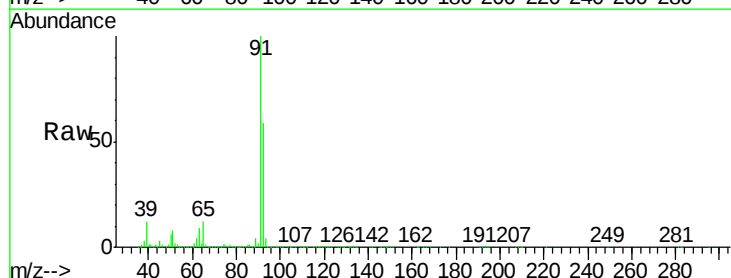
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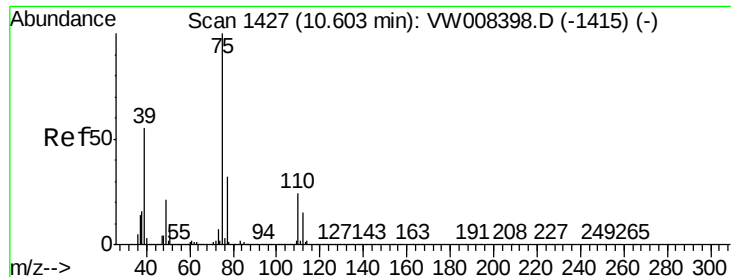
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#52
Toluene
Concen: 103.162 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW008399.D
Acq: 24 Jan 2019 16:33

Tgt Ion: 92 Resp: 1574831
Ion Ratio Lower Upper
92 100
91 169.8 135.5 203.3





#53

t-1,3-Dichloropropene

Concen: 112.953 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

Instrument :

MSVOA_W

ClientSampled :

VSTDIC100

Tot Ion: 75 Resp: 868416

Ion Ratio Lower Upper

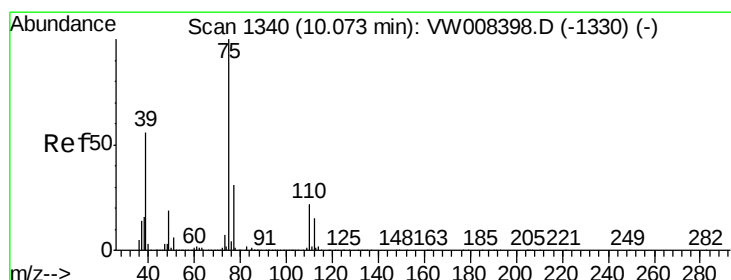
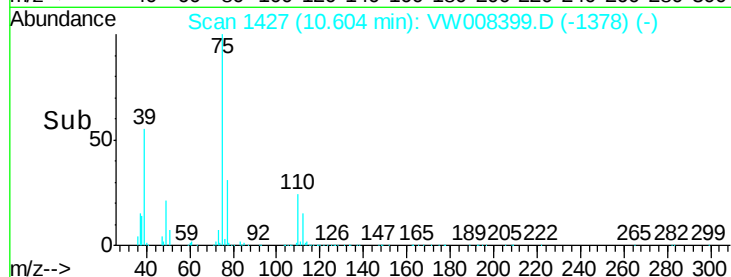
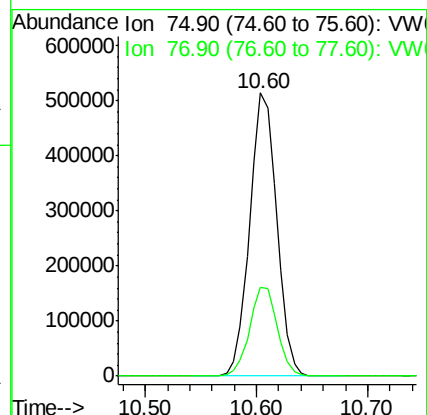
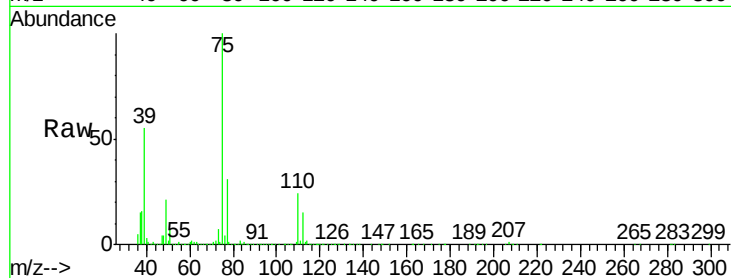
75 100

77 31.2 25.3 37.9

Manual Integrations
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#54

cis-1,3-Dichloropropene

Concen: 107.948 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

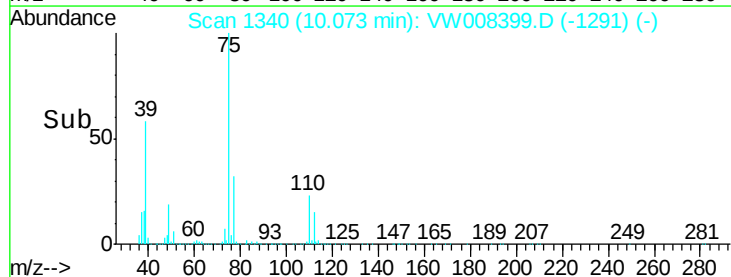
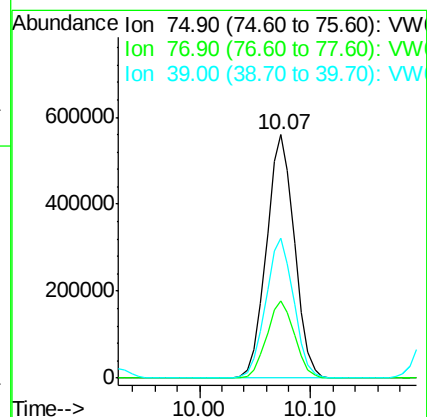
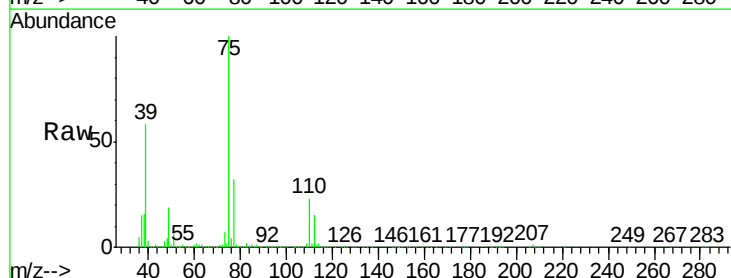
Tgt Ion: 75 Resp: 978360

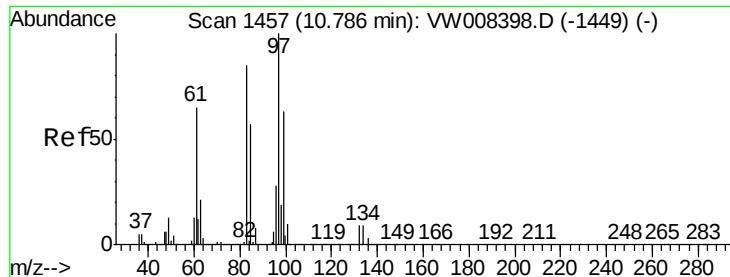
Ion Ratio Lower Upper

75 100

77 31.6 25.0 37.4

39 57.5 44.9 67.3





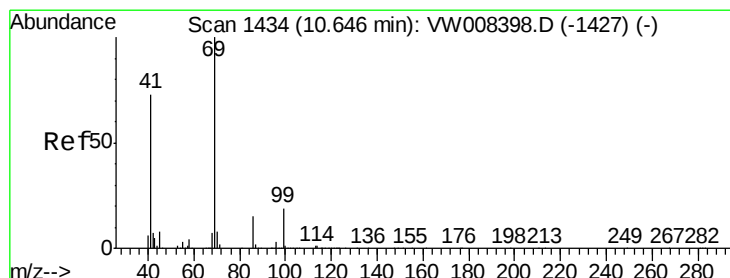
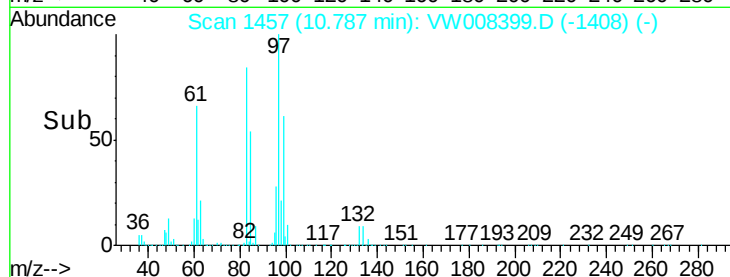
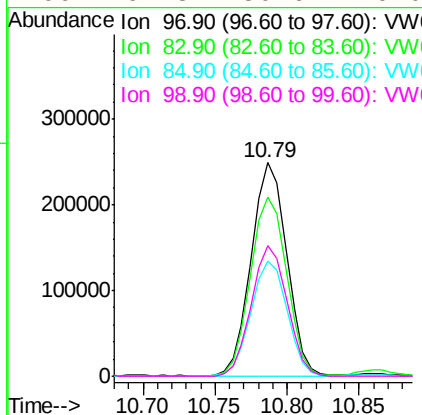
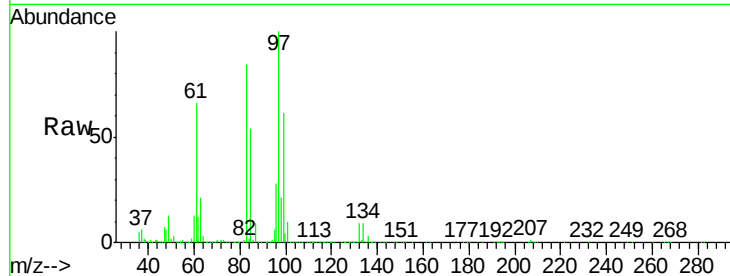
#55
 1,1,2-Trichloroethane
 Concen: 97.918 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW008399.D
 Acq: 24 Jan 2019 16:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion:	97	Resp:	424135
Ion	Ratio	Lower	Upper
97	100		
83	83.9	68.4	102.6
85	53.9	45.3	67.9
99	61.3	50.6	76.0

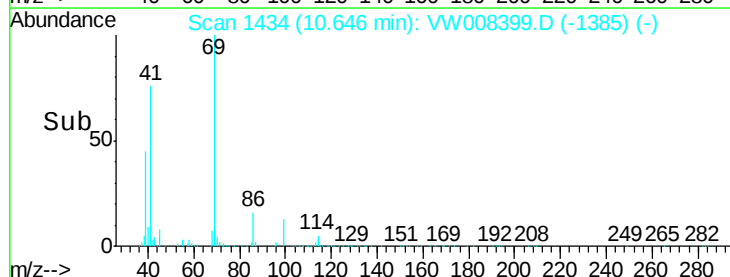
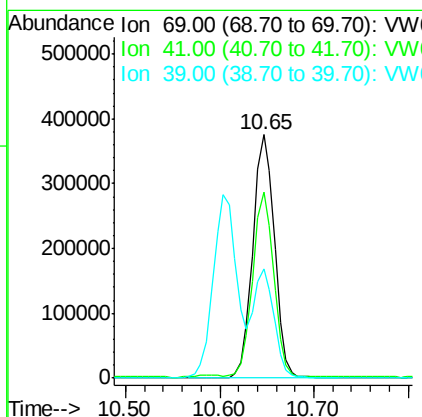
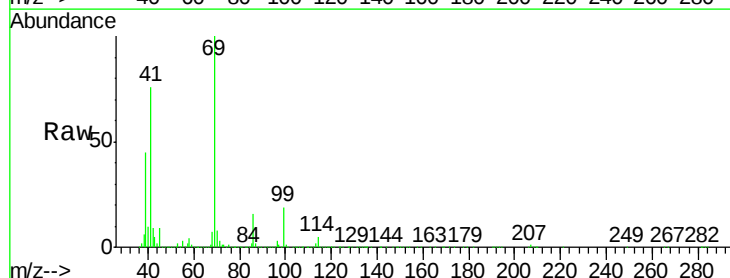
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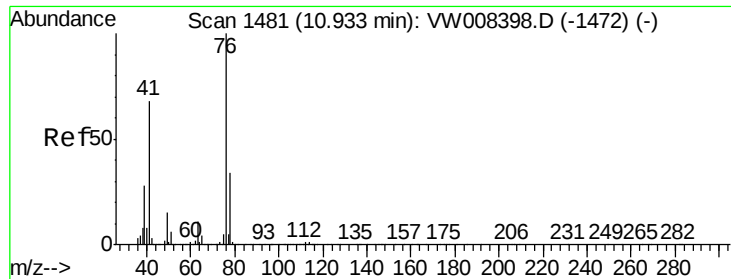
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#56
 Ethyl methacrylate
 Concen: 118.219 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW008399.D
 Acq: 24 Jan 2019 16:33

Tgt Ion:	69	Resp:	601380
Ion	Ratio	Lower	Upper
69	100		
41	73.8	58.7	88.1
39	41.6	32.6	48.8





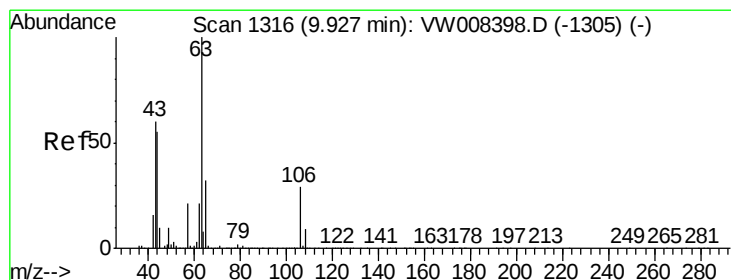
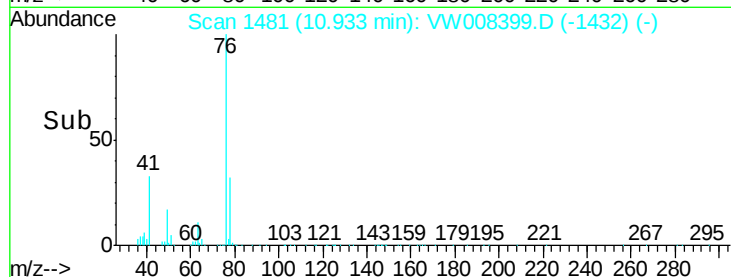
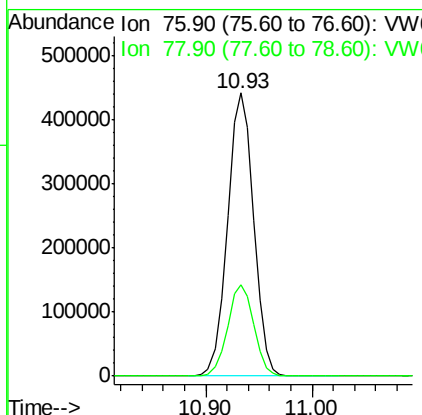
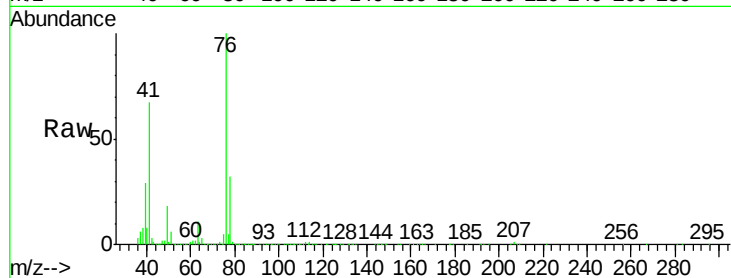
#57
 1,3-Dichloropropane
 Concen: 100.843 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW008399.D
 Acq: 24 Jan 2019 16:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion: 76 Resp: 758422
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.8

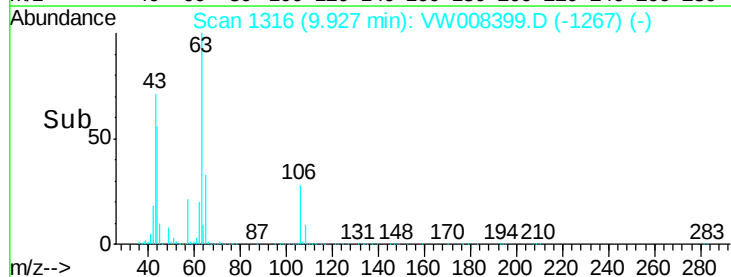
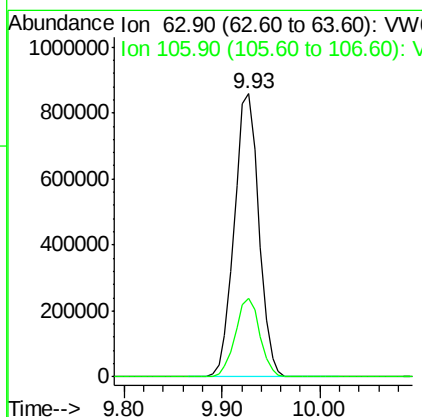
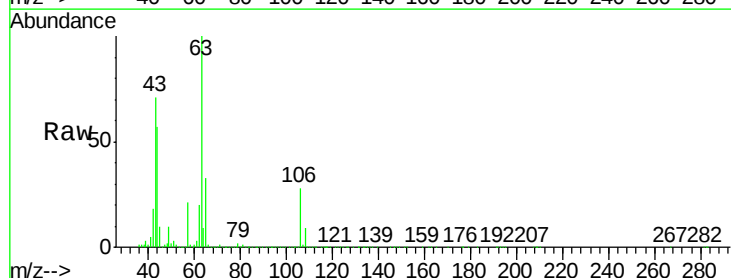
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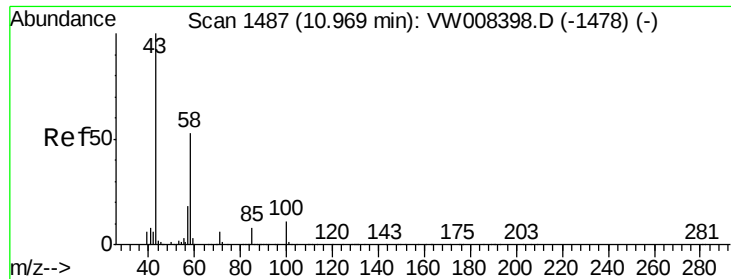
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#58
 2-Chloroethyl Vinyl ether
 Concen: 610.231 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW008399.D
 Acq: 24 Jan 2019 16:33

Tgt Ion: 63 Resp: 1497346
 Ion Ratio Lower Upper
 63 100
 106 27.6 22.4 33.6





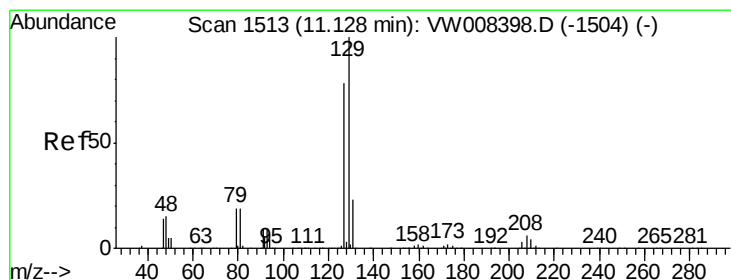
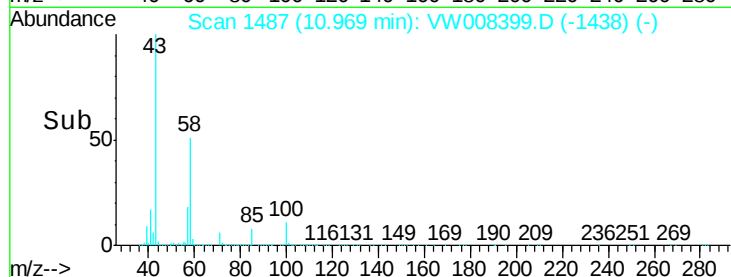
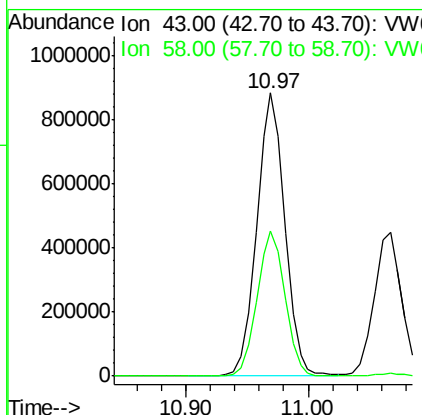
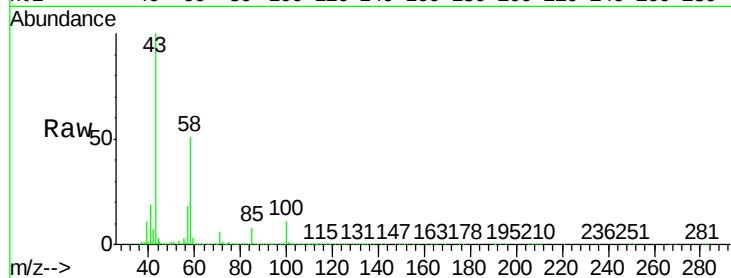
#59
2-Hexanone
Concen: 595.504 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW008399.D
Acq: 24 Jan 2019 16:33

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Tot Ion: 43 Resp: 1401457
Ion Ratio Lower Upper
43 100
58 51.3 25.9 77.7

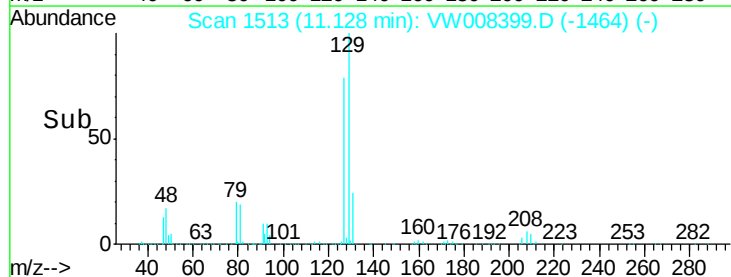
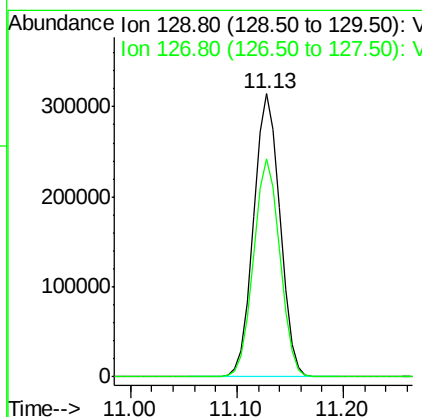
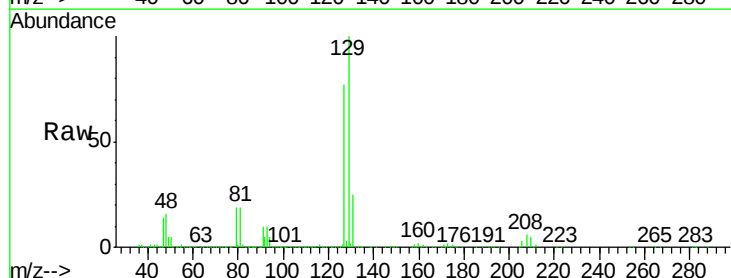
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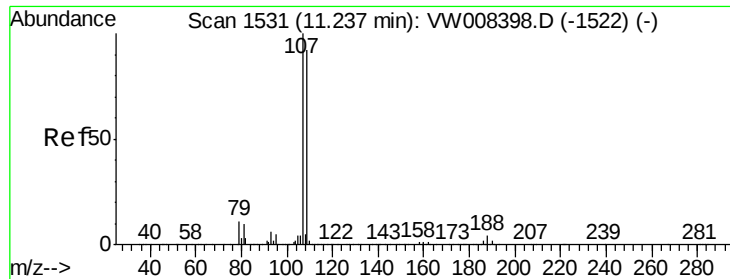
sam
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#60
Dibromochloromethane
Concen: 105.761 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW008399.D
Acq: 24 Jan 2019 16:33

Tgt Ion: 129 Resp: 546735
Ion Ratio Lower Upper
129 100
127 77.1 39.1 117.2





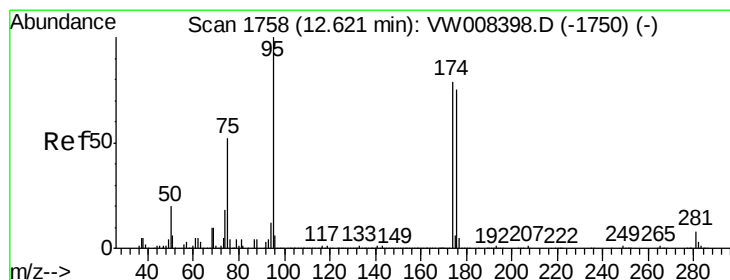
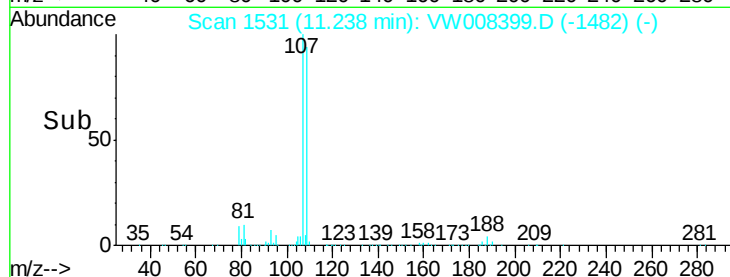
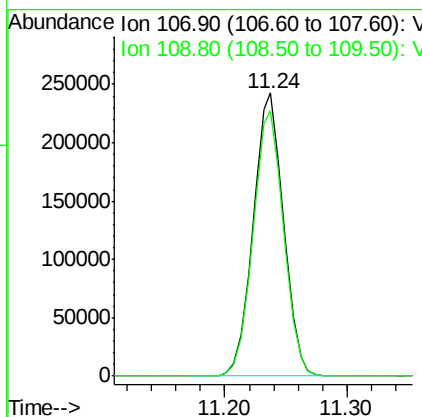
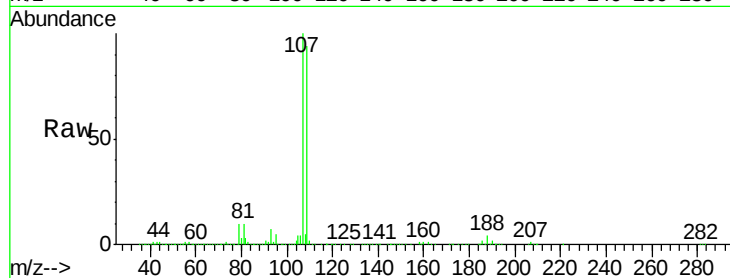
#61
 1,2-Dibromoethane
 Concen: 99.573 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW008399.D
 Acq: 24 Jan 2019 16:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.5	75.0	112.4

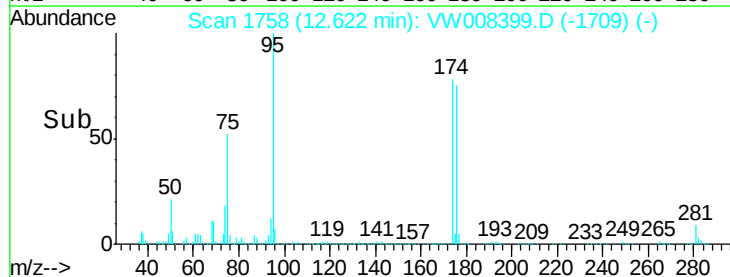
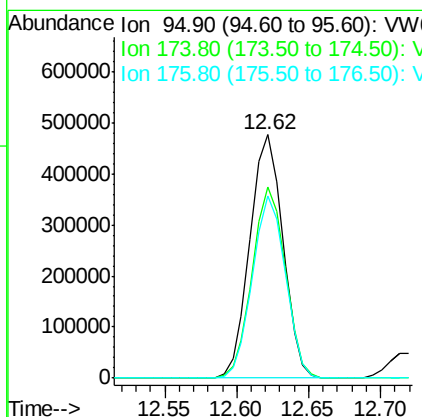
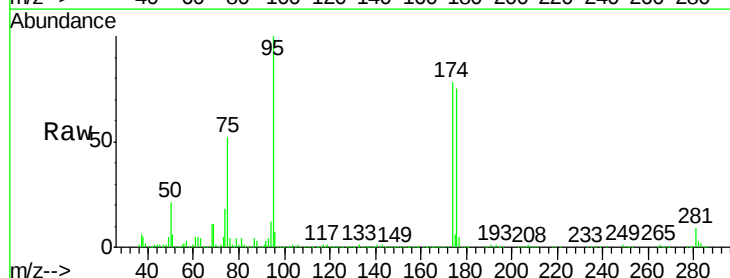
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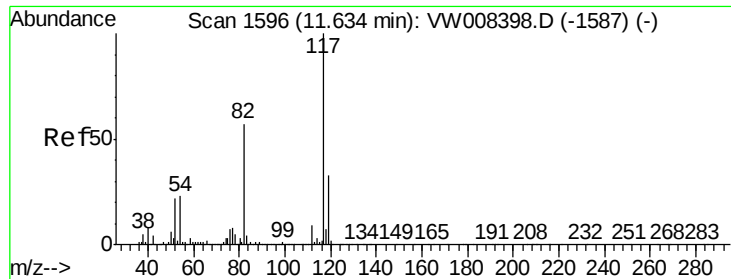
sam
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#62
 4-Bromofluorobenzene
 Concen: 99.423 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW008399.D
 Acq: 24 Jan 2019 16:33

Tgt Ion	Ratio	Lower	Upper
95	100		
174	78.4	0.0	157.6
176	74.7	0.0	151.8





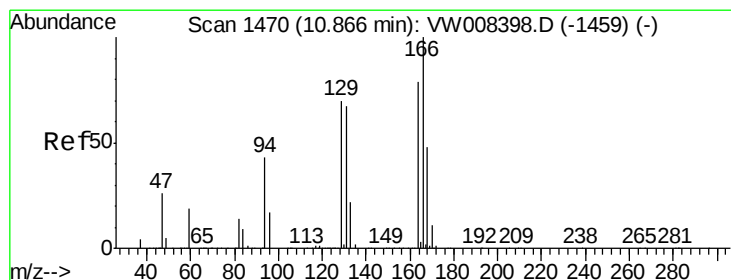
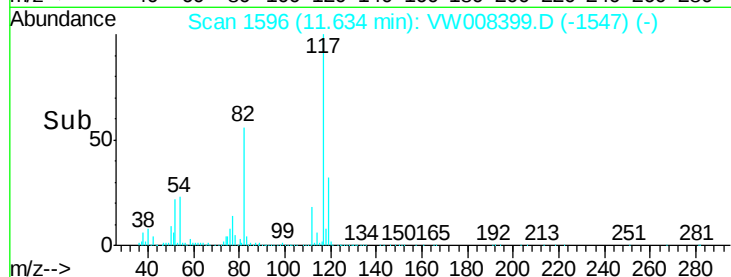
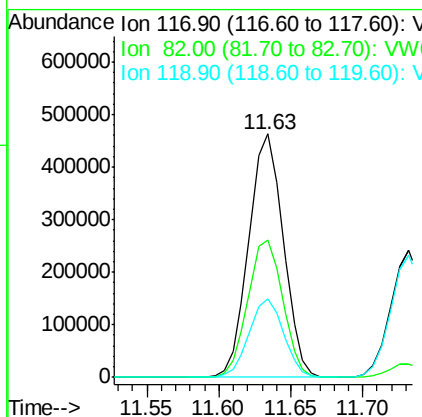
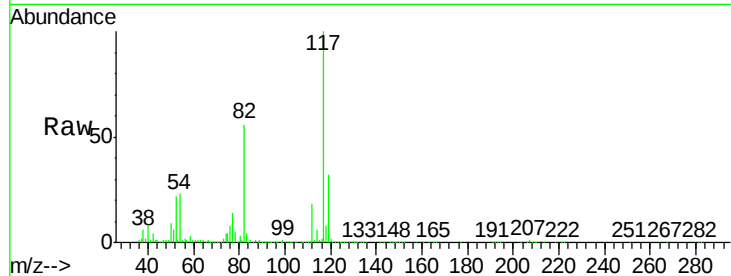
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008399.D
Acq: 24 Jan 2019 16:33

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.3	45.4	68.0
119	32.2	26.2	39.4

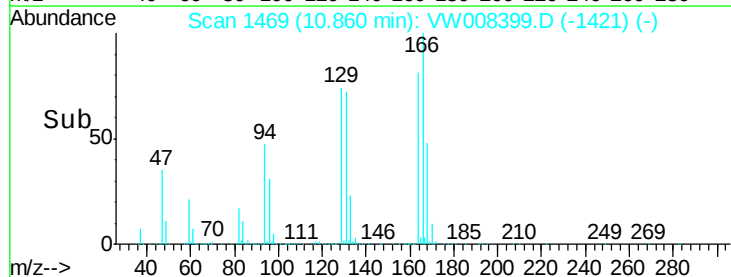
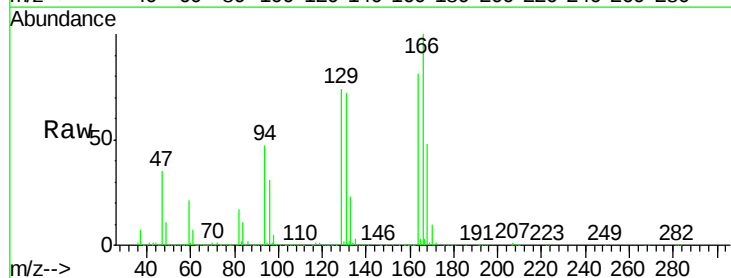
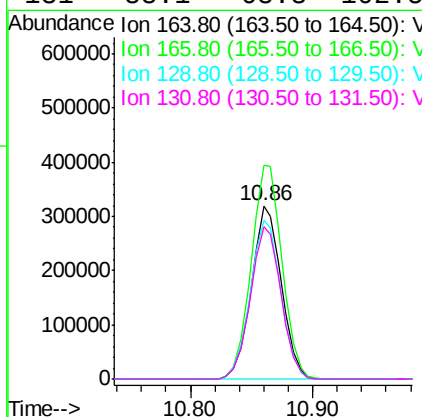
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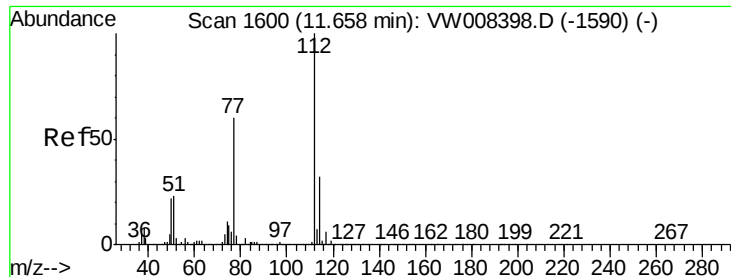
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#64
Tetrachloroethene
Concen: 100.381 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW008399.D
Acq: 24 Jan 2019 16:33

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.3	101.4	152.0
129	91.7	71.0	106.6
131	88.1	68.3	102.5





#65

Chlorobenzene

Concen: 99.503 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion:112 Resp: 1669476

Ion Ratio Lower Upper

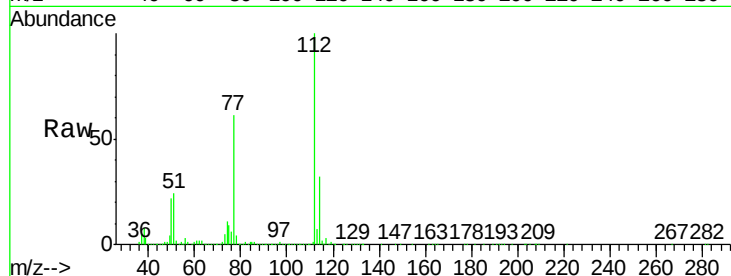
112 100

114 32.0 25.4 38.2

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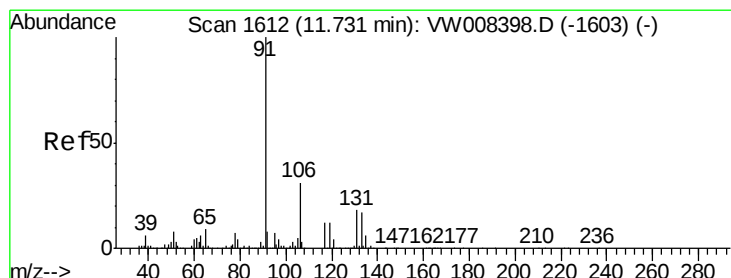
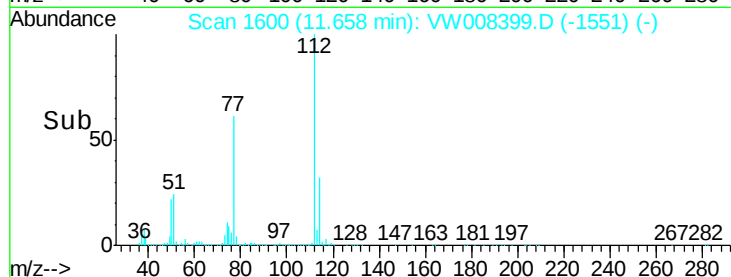
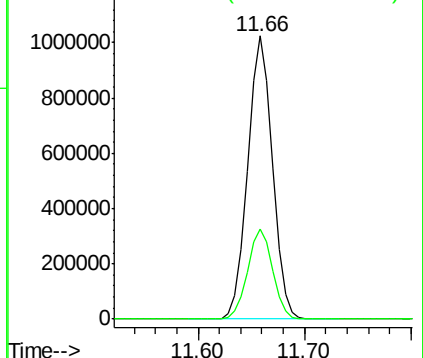
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 104.046 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

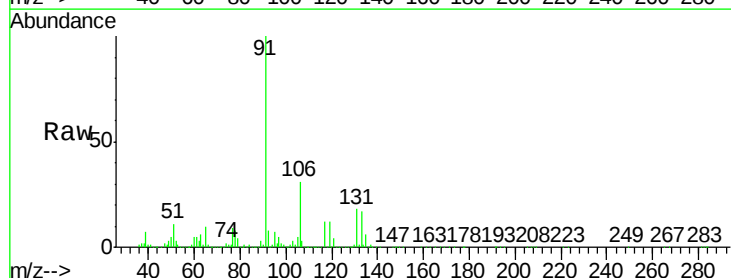
Tgt Ion:131 Resp: 600822

Ion Ratio Lower Upper

131 100

133 95.0 47.0 141.2

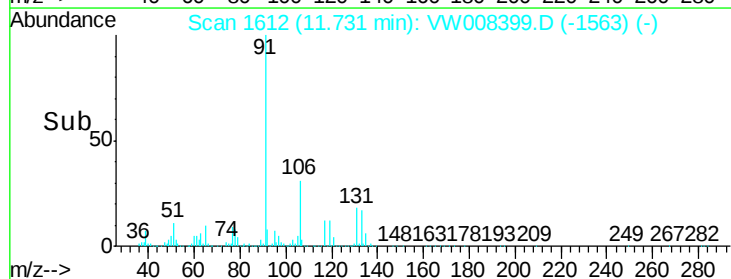
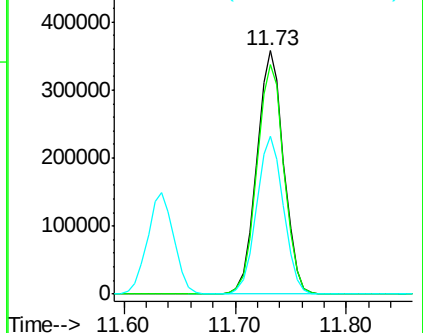
119 65.0 32.1 96.3

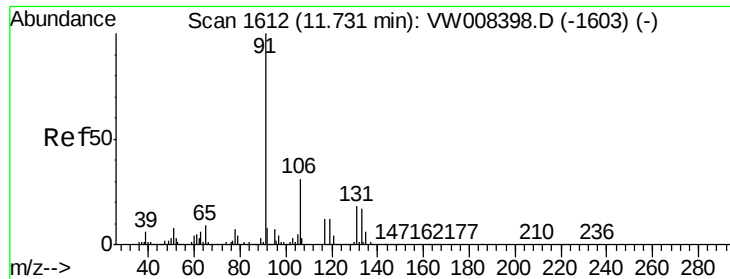


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





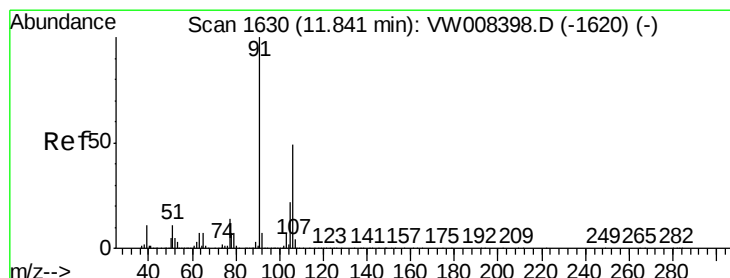
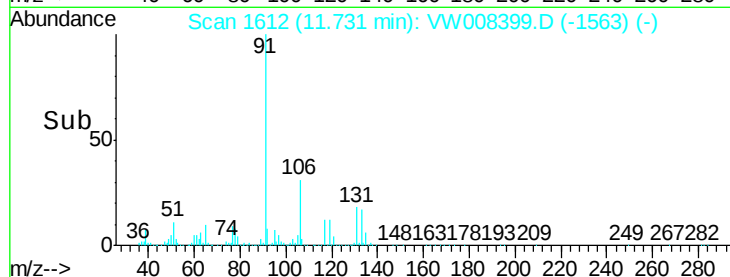
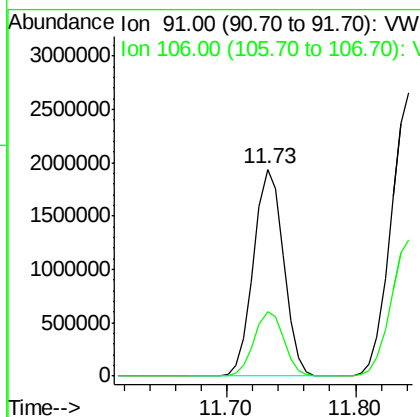
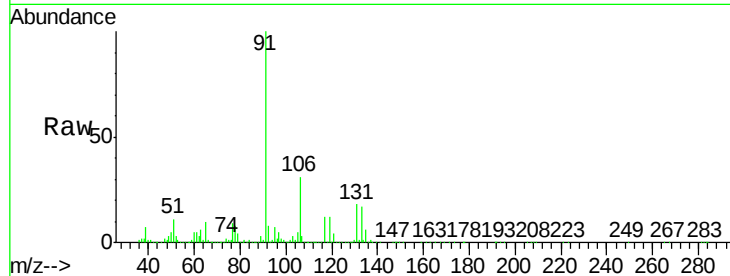
#67
Ethyl Benzene
Concen: 106.793 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008399.D
Acq: 24 Jan 2019 16:33

Instrument :
MSVOA_W
ClientSampled :
VSTDIC100

Tot Ion: 91 Resp: 3111137
Ion Ratio Lower Upper
91 100
106 31.2 24.7 37.1

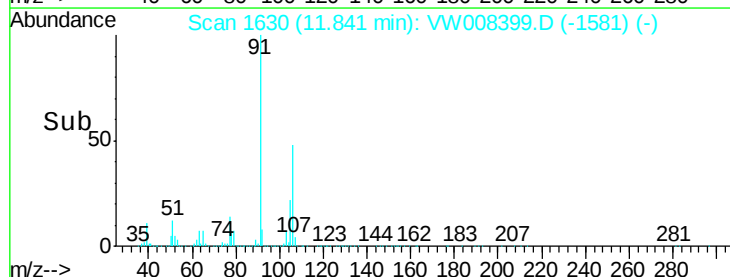
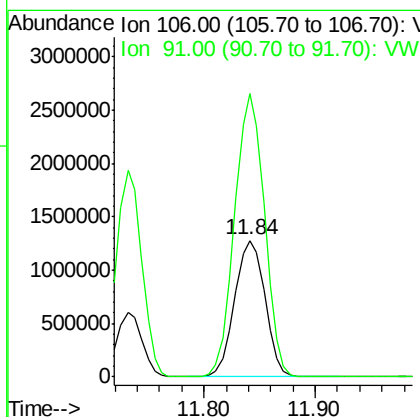
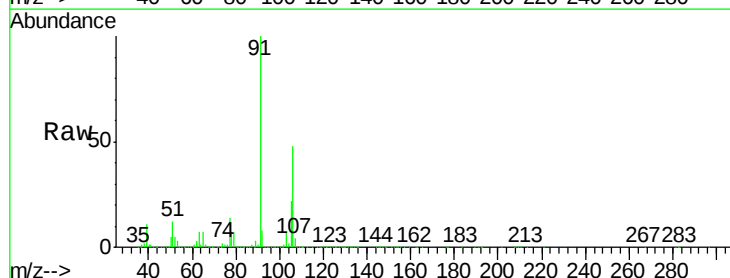
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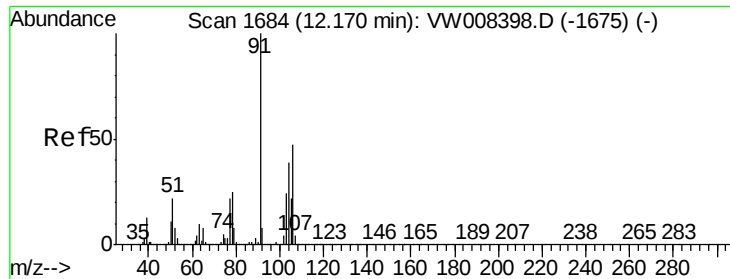
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#68
m/p-Xylenes
Concen: 213.159 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW008399.D
Acq: 24 Jan 2019 16:33

Tgt Ion: 106 Resp: 2410300
Ion Ratio Lower Upper
106 100
91 204.4 162.9 244.3





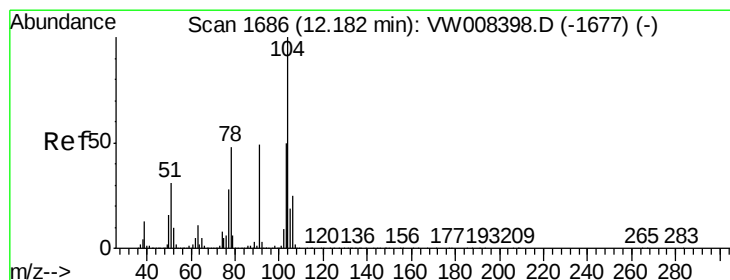
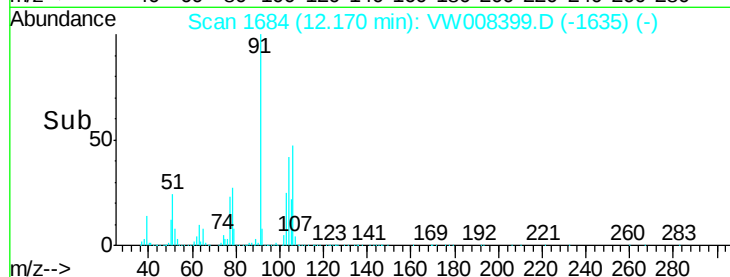
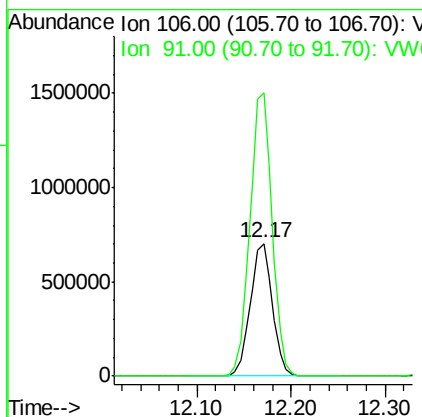
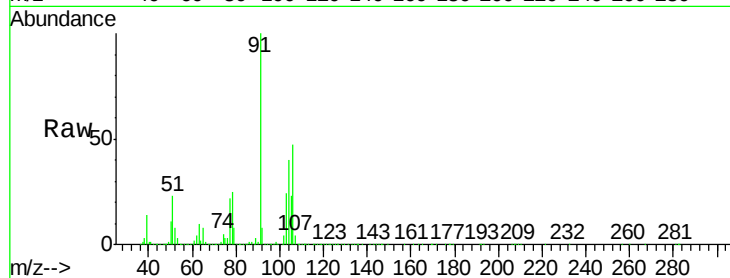
#69
o-Xylene
Concen: 109.442 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW008399.D
Acq: 24 Jan 2019 16:33

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion:106 Resp: 1156169
Ion Ratio Lower Upper
106 100
91 214.8 107.5 322.4

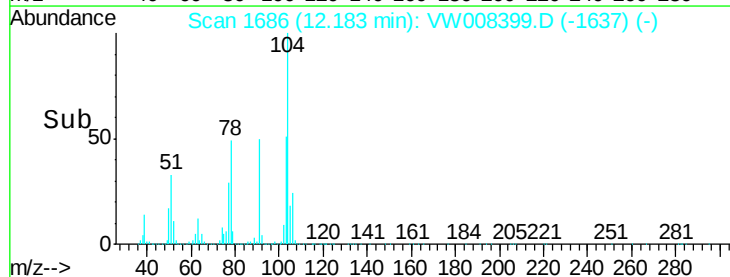
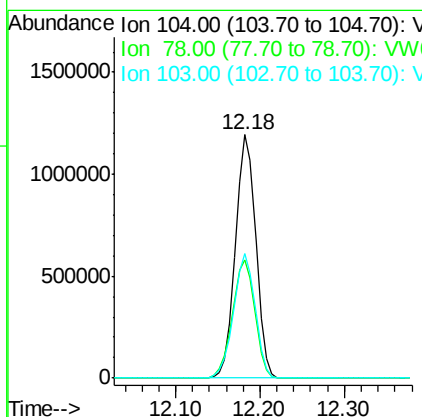
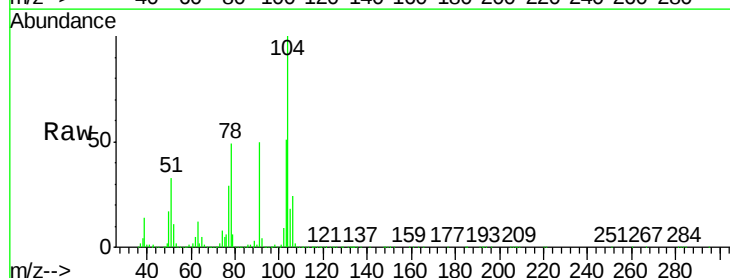
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#70
Styrene
Concen: 114.168 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW008399.D
Acq: 24 Jan 2019 16:33

Tgt Ion:104 Resp: 1937309
Ion Ratio Lower Upper
104 100
78 53.6 42.4 63.6
103 54.4 43.4 65.0





#71

Bromoform

Concen: 120.971 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

Instrument :

MSVOA_W

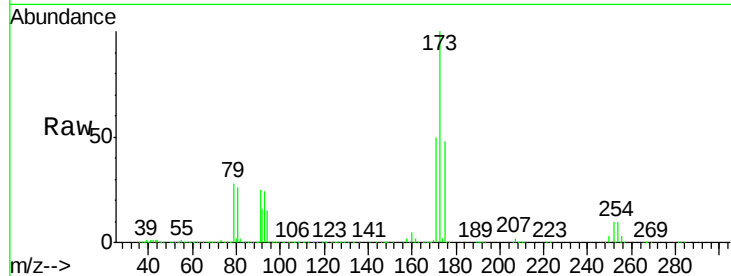
ClientSampleId :

VSTDIC100

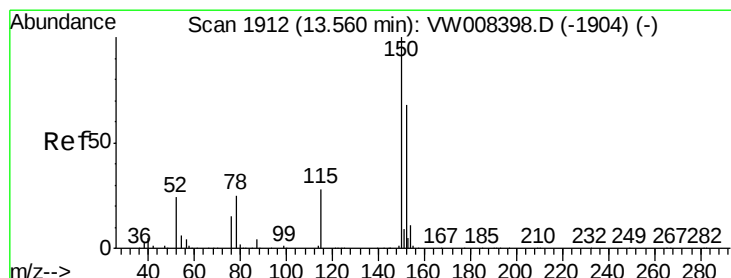
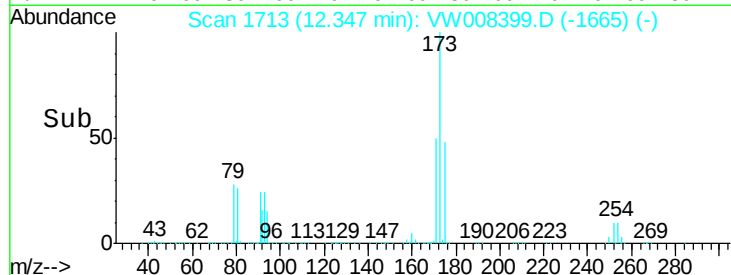
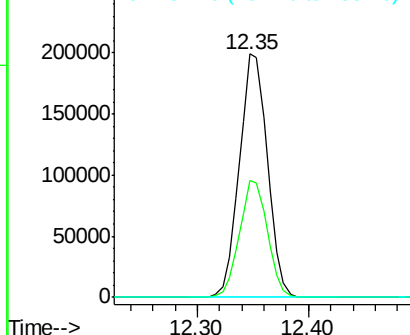
Tot Ion:	173	Resp:	347994
Ion Ratio	Lower	Upper	
173	100		
175	48.0	24.4	73.4
254	0.2	0.2	0.2

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

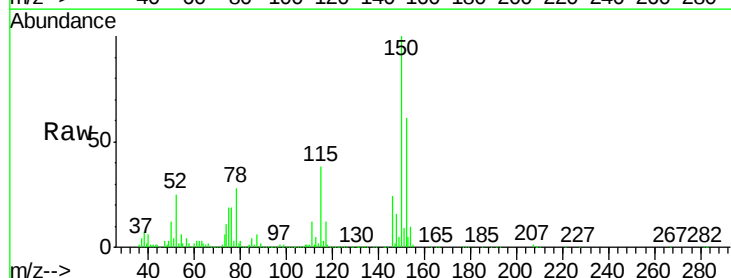
RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

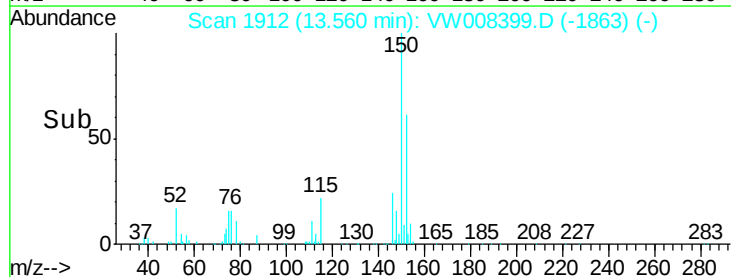
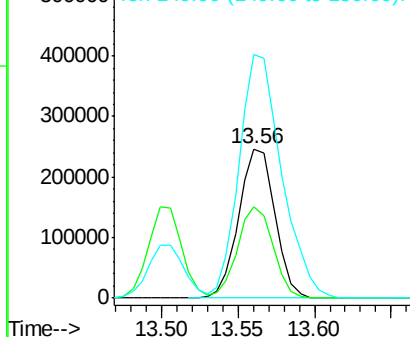
Lab File: VW008399.D

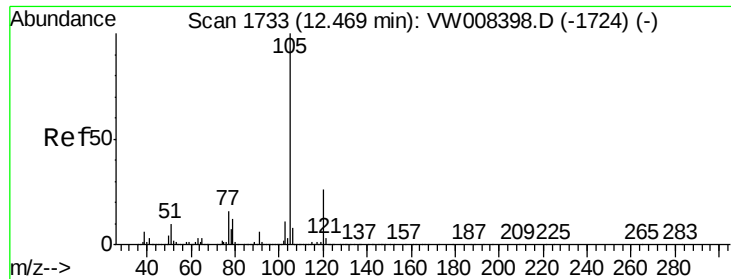
Acq: 24 Jan 2019 16:33

Tgt Ion:	152	Resp:	404626
Ion Ratio	Lower	Upper	
152	100		
115	60.0	29.9	89.7
150	192.1	0.0	351.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 108.716 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion:105 Resp: 3205182

Ion Ratio Lower Upper

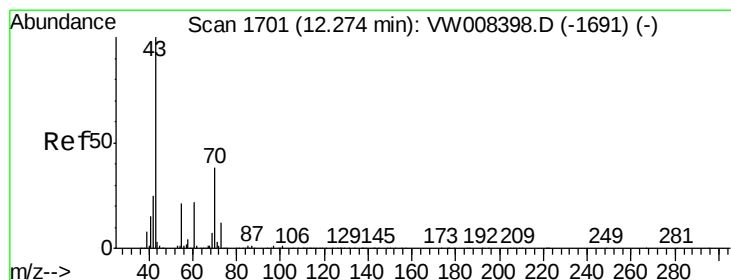
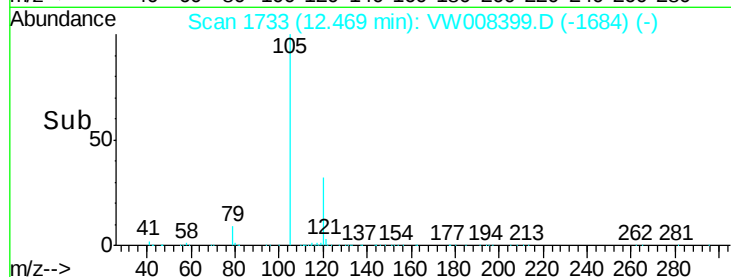
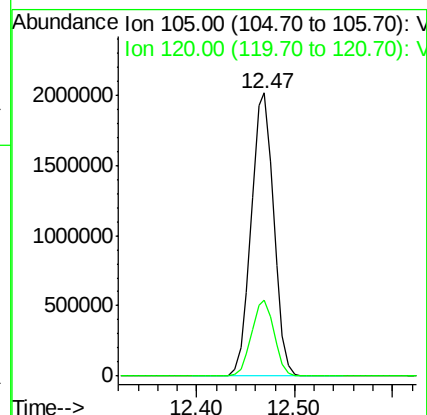
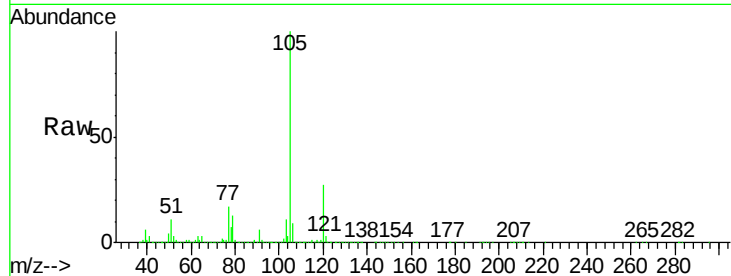
105 100

120 26.8 13.3 39.8

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#74

N-ethyl acetate

Concen: 135.268 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

Tgt Ion: 43 Resp: 854638

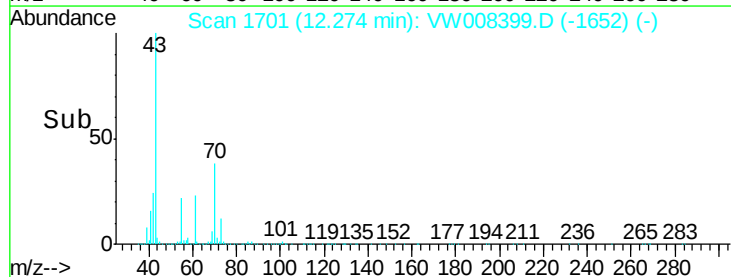
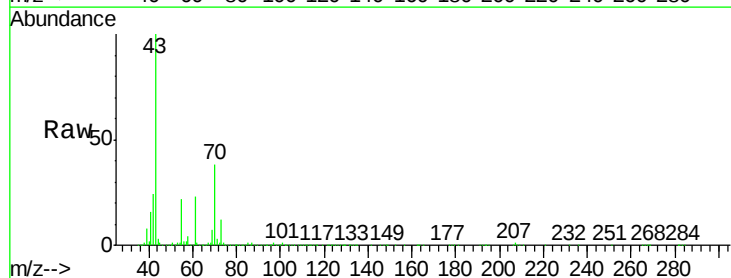
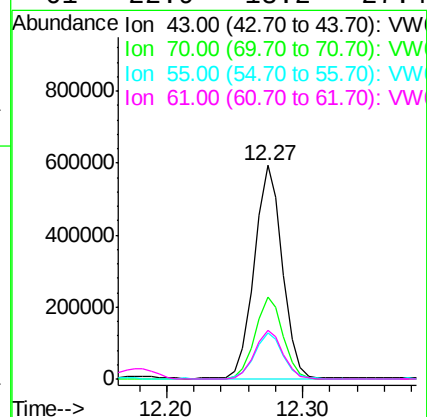
Ion Ratio Lower Upper

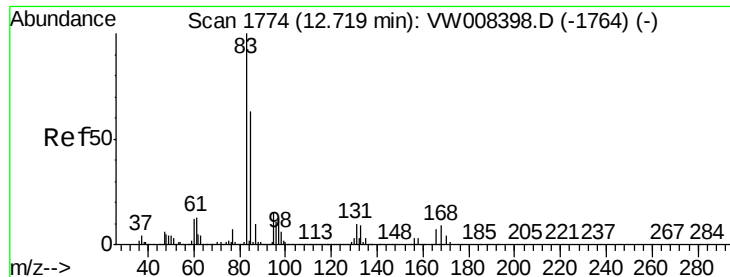
43 100

70 38.5 31.0 46.6

55 21.5 17.4 26.2

61 22.9 18.2 27.4





#75

1,1,2,2-Tetrachloroethane

Concen: 101.379 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

Instrument :

MSVOA_W

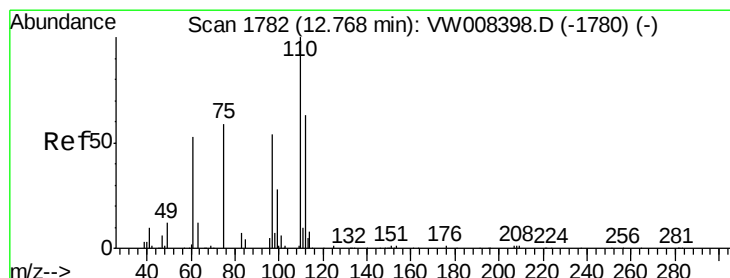
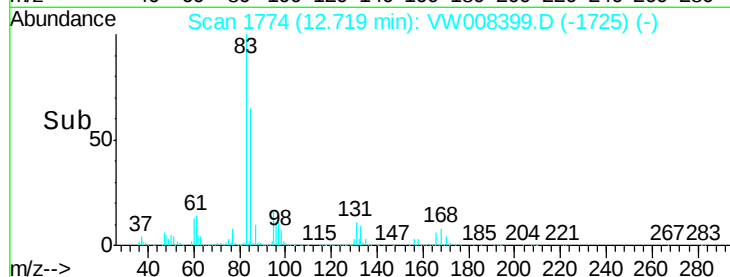
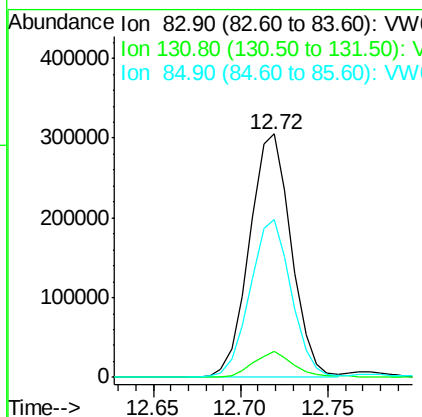
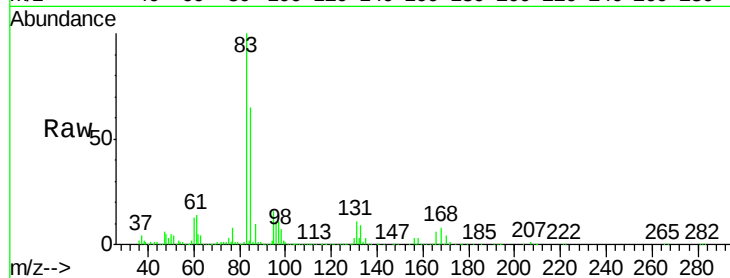
ClientSampleId :

VSTDIC100

Tot Ion:	83	Resp:	508384
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.5	16.4
85	64.2	31.9	95.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 101.717 ug/l m

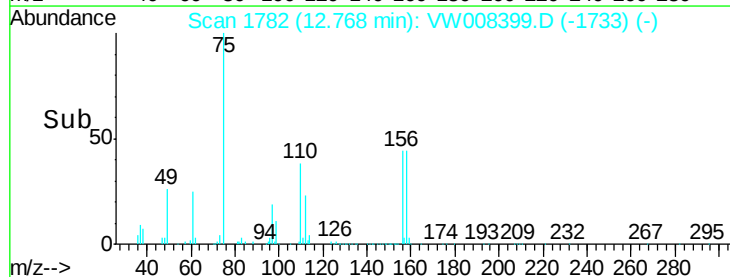
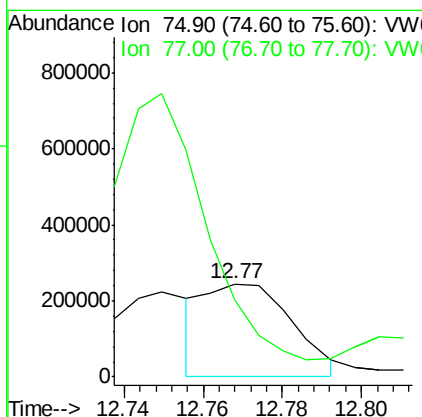
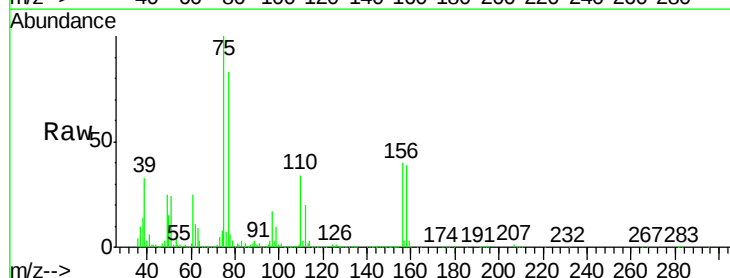
RT: 12.77 min Scan# 1782

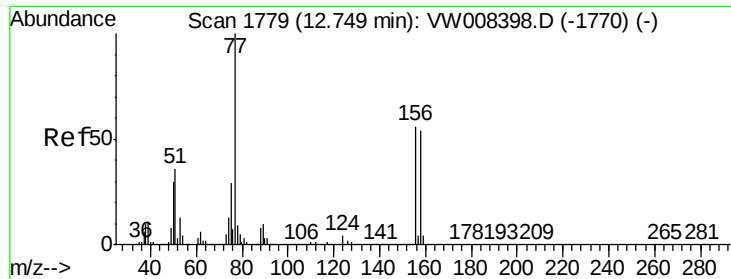
Delta R.T. 0.00 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

Tgt Ion:	75	Resp:	374802
Ion Ratio	Lower	Upper	
75	100		
77	361.5	180.7	542.1





#77

Bromobenzene

Concen: 97.129 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

Instrument :

MSVOA_W

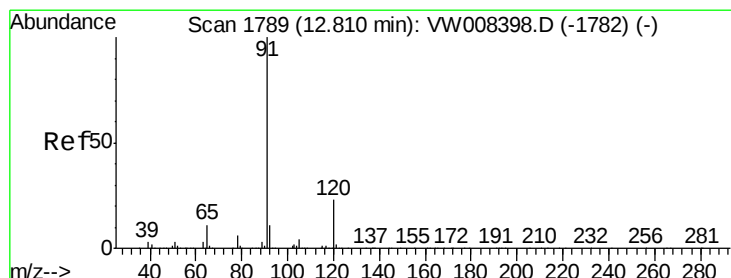
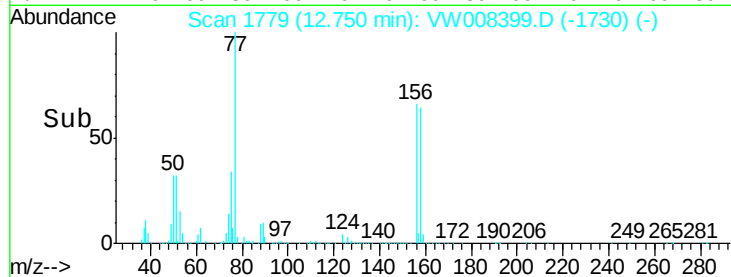
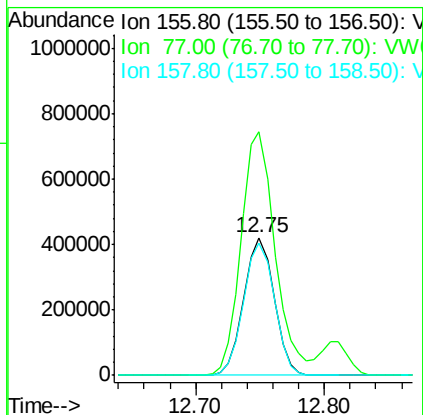
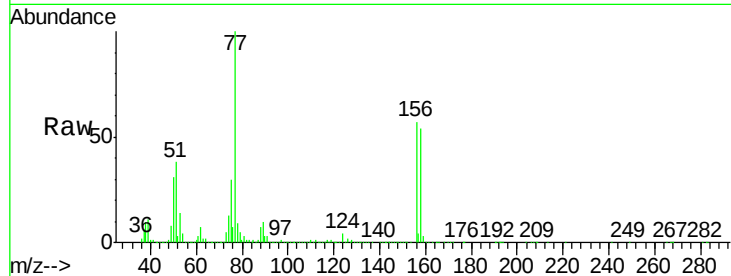
ClientSampleId :

VSTDIC100

Tot Ion	Ratio	Lower	Upper
156	100		
77	197.0	96.9	290.7
158	97.4	48.8	146.4

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1/25/2019 1:43:02 PM



#78

n-propylbenzene

Concen: 108.021 ug/l

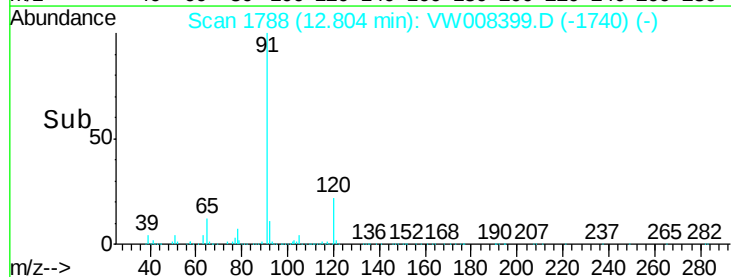
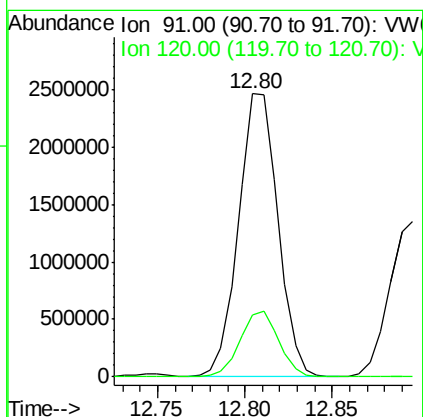
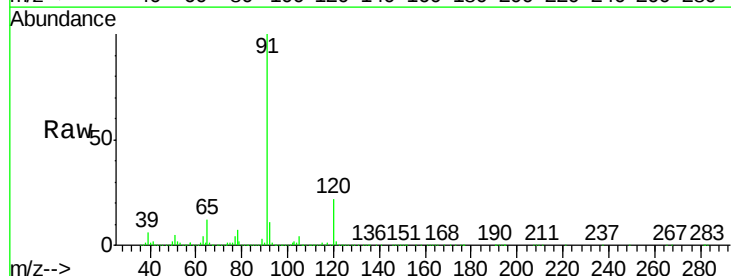
RT: 12.80 min Scan# 1788

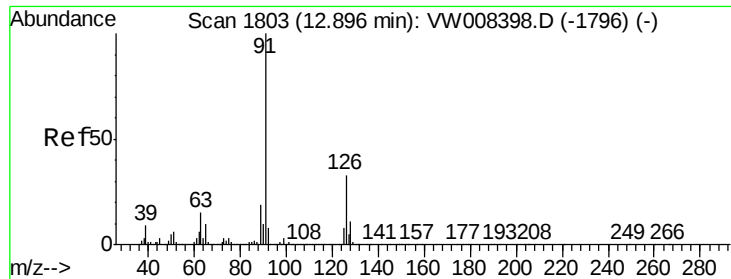
Delta R.T. -0.01 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.9	11.4	34.1





#79

2-Chlorotoluene

Concen: 107.216 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion: 91 Resp: 2185985

Ion Ratio Lower Upper

91 100

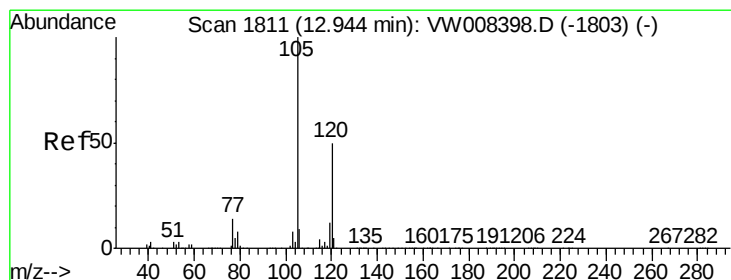
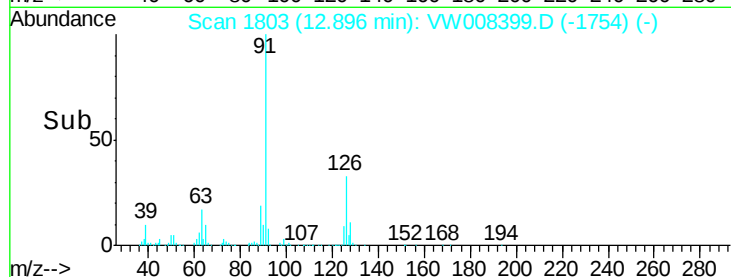
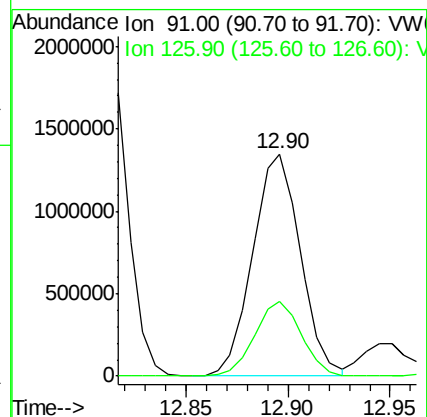
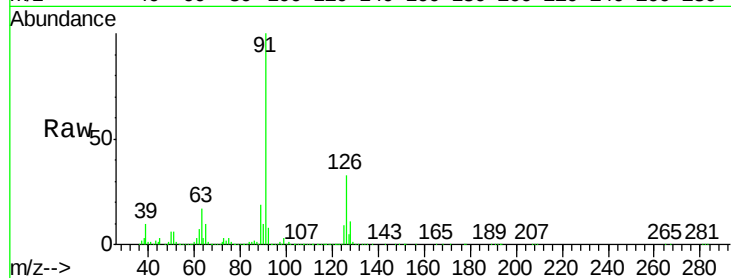
126 33.1 16.5 49.5

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#80

1,3,5-Trimethylbenzene

Concen: 109.898 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW008399.D

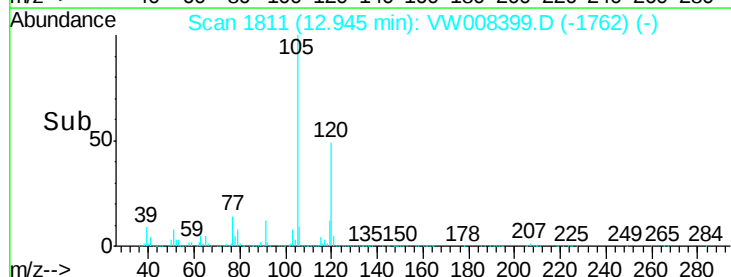
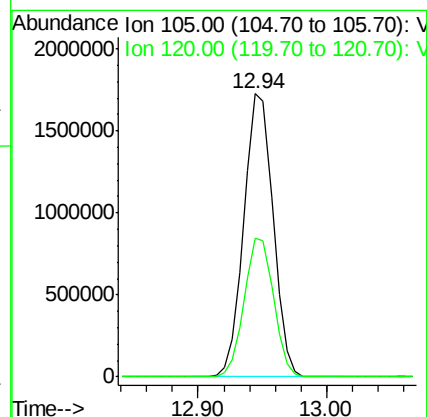
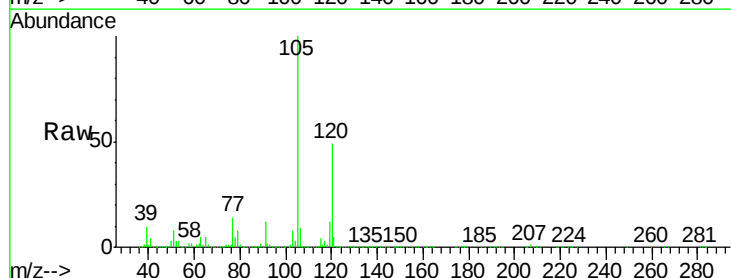
Acq: 24 Jan 2019 16:33

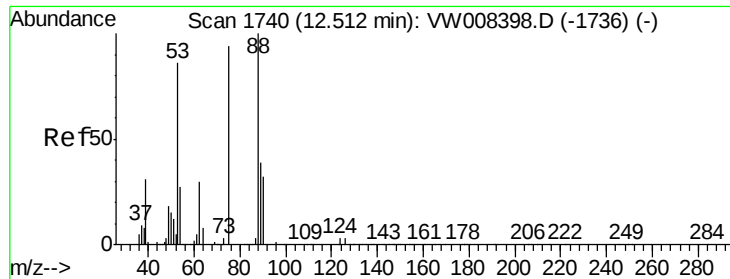
Tgt Ion: 105 Resp: 2703706

Ion Ratio Lower Upper

105 100

120 49.2 24.6 73.8





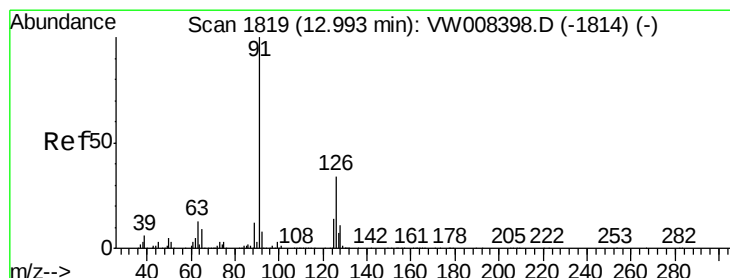
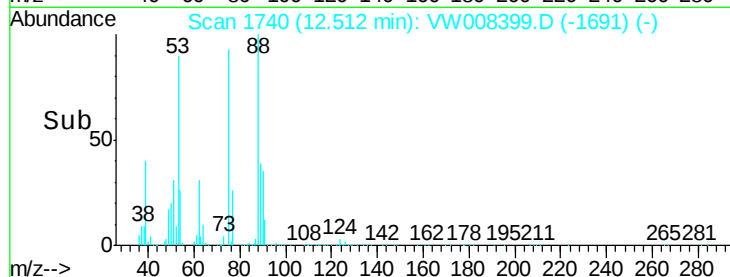
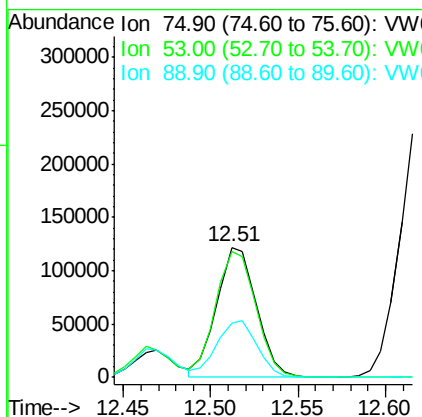
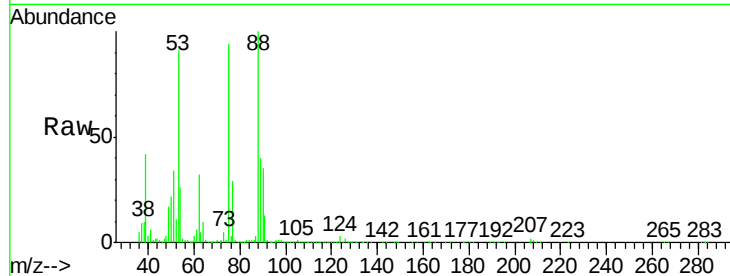
#81
trans-1,4-Dichloro-2-butene
Concen: 124.002 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW008399.D
Acq: 24 Jan 2019 16:33

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.8	76.0	114.0
89	44.6	35.4	53.0

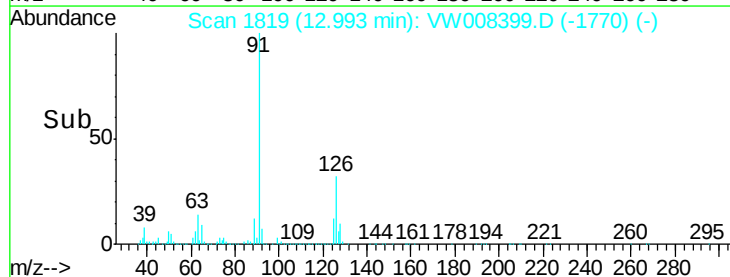
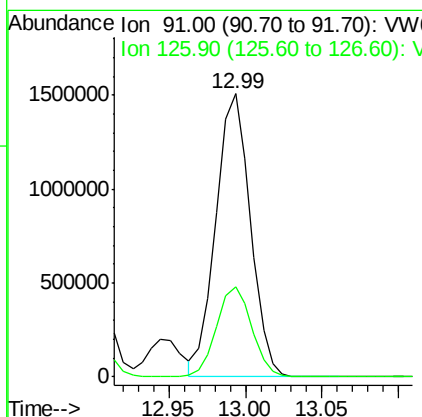
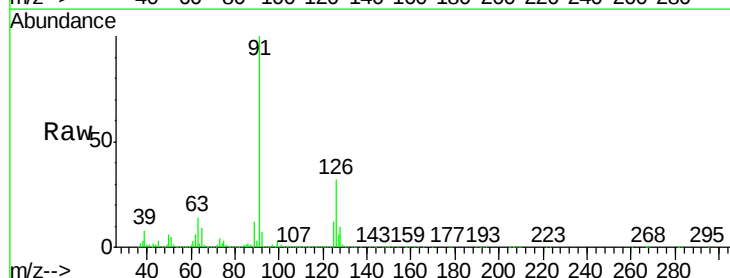
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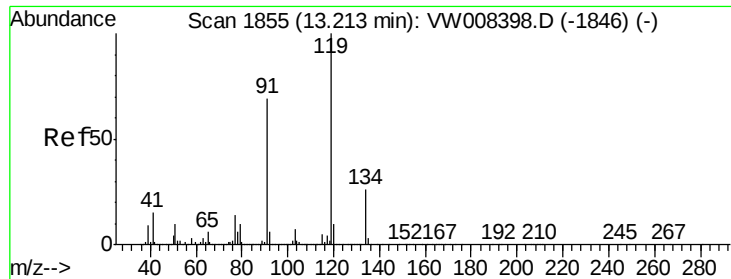
sam
1/25/2019 1:43:02 PM



#82
4-Chlorotoluene
Concen: 110.951 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW008399.D
Acq: 24 Jan 2019 16:33

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.5	16.4	49.2





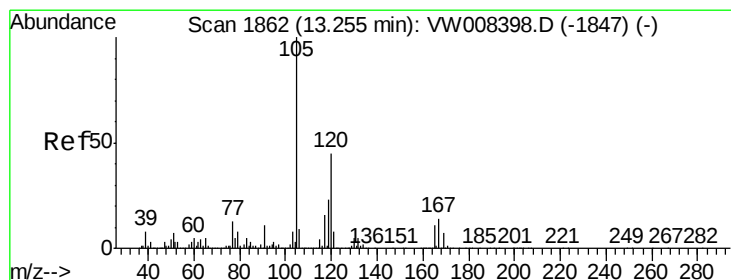
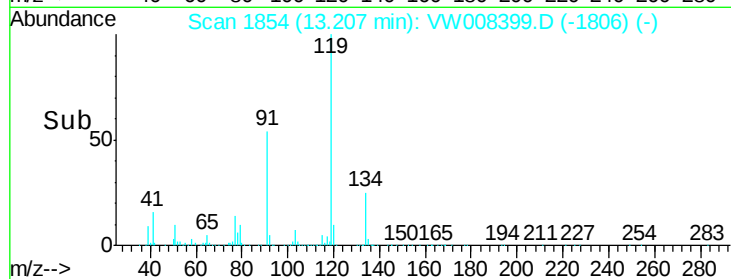
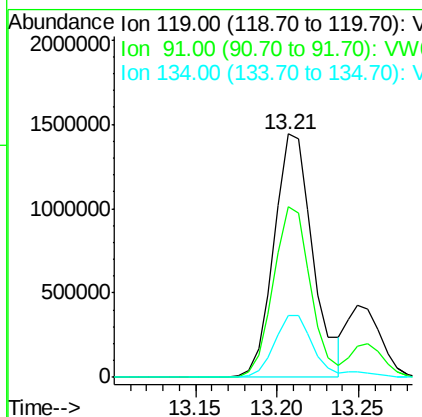
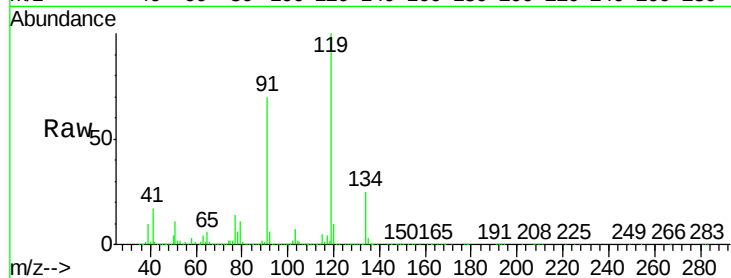
#83
 tert-Butylbenzene
 Concen: 110.413 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: VW008399.D
 Acq: 24 Jan 2019 16:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
119	100		
91	67.3	33.8	101.4
134	26.7	13.5	40.4

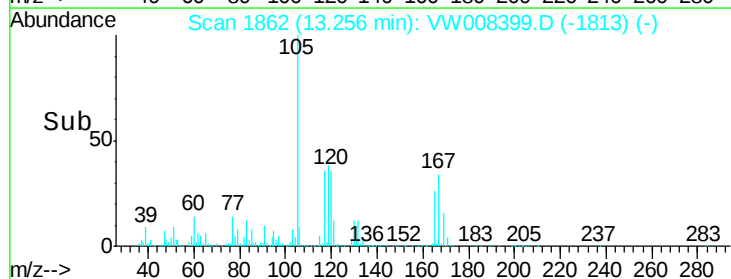
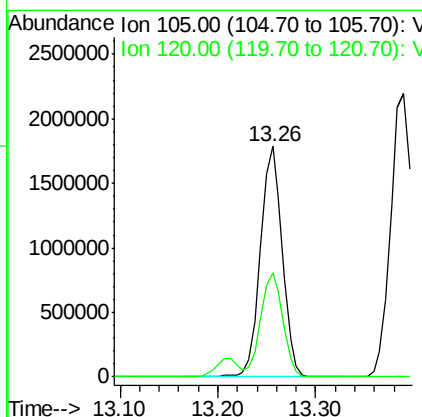
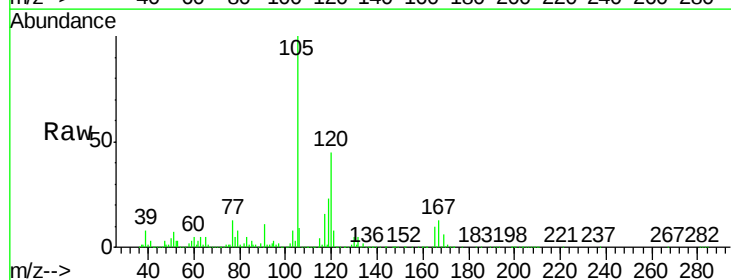
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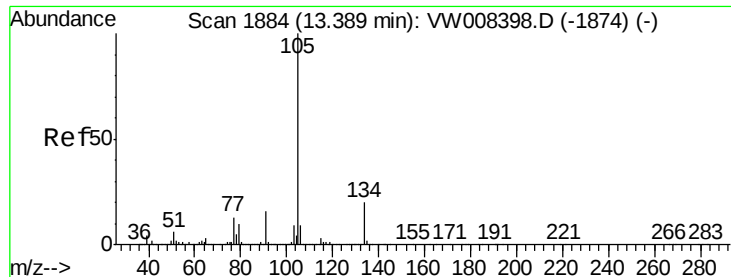
sam
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#84
 1,2,4-Trimethylbenzene
 Concen: 110.029 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW008399.D
 Acq: 24 Jan 2019 16:33

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	23.1	69.2





#85

sec-Butylbenzene

Concen: 109.387 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion:105 Resp: 3400815

Ion Ratio Lower Upper

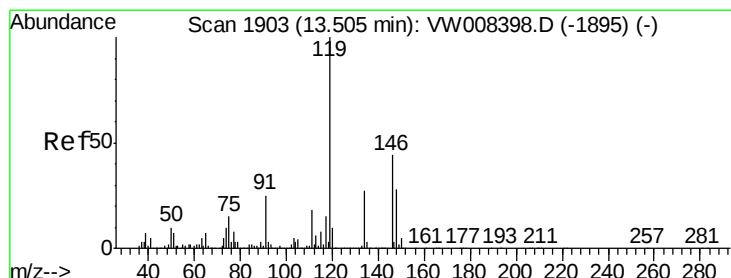
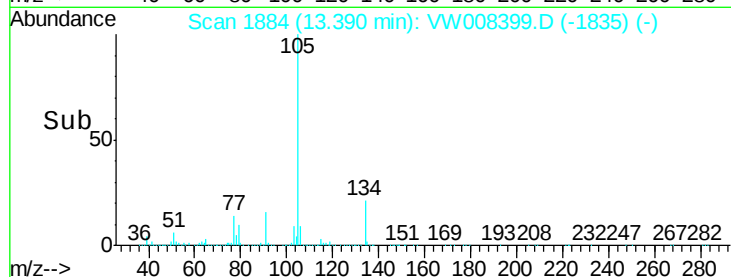
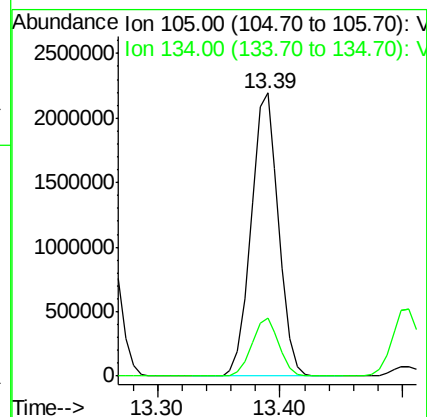
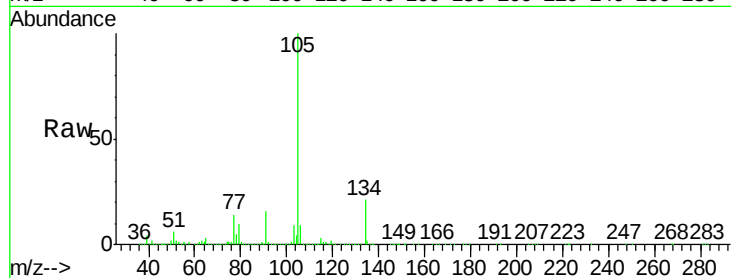
105 100

134 20.4 10.2 30.6

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#86

p-Isopropyltoluene

Concen: 110.743 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.01 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

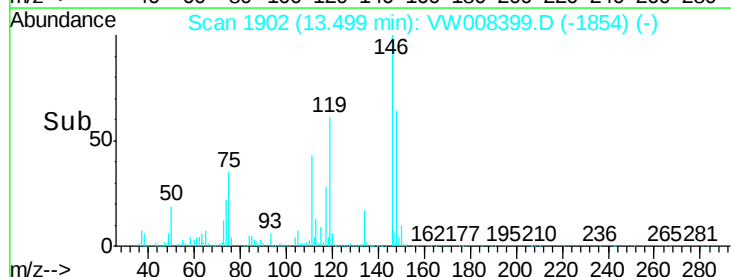
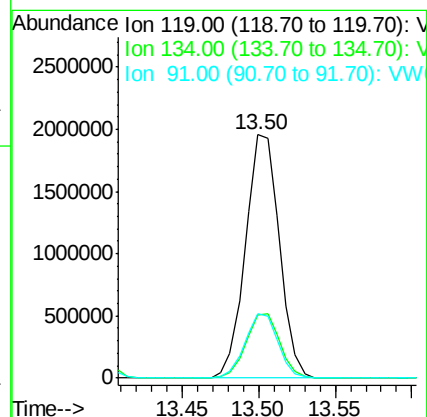
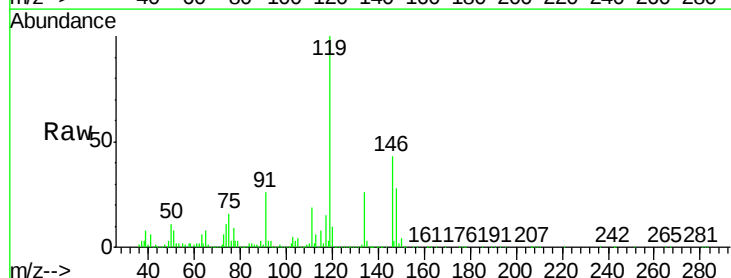
Tgt Ion:119 Resp: 3007098

Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.2

91 25.6 12.6 37.6





#87

1,3-Dichlorobenzene

Concen: 100.221 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.01 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

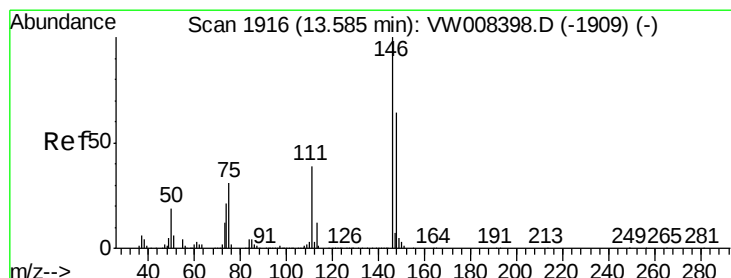
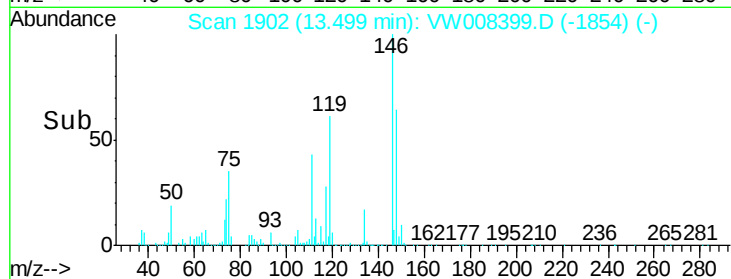
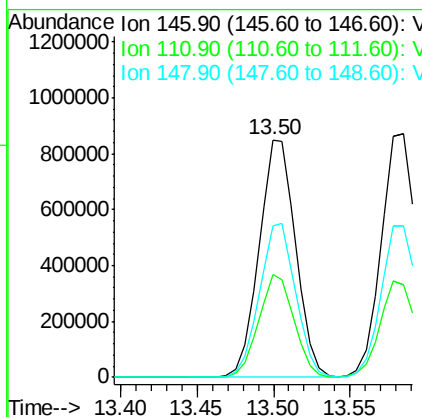
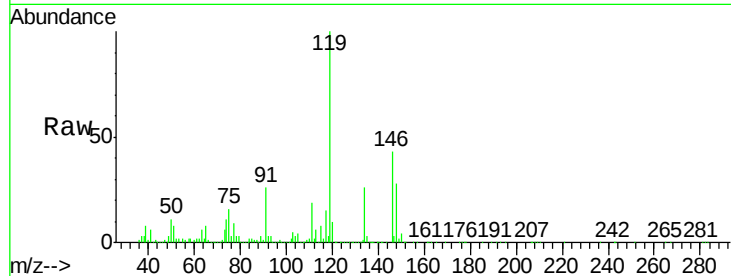
Instrument :
MSVOA_W

ClientSampled :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.3	60.9
148	64.4	31.9	95.7

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#88

1,4-Dichlorobenzene

Concen: 99.608 ug/l

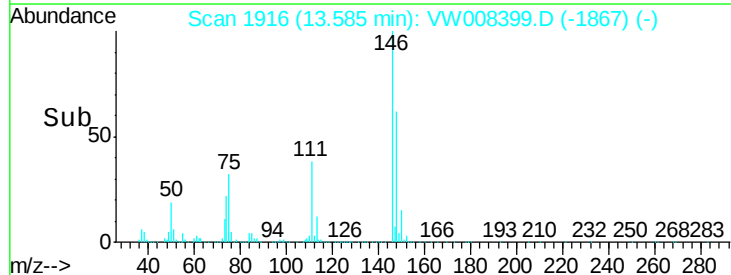
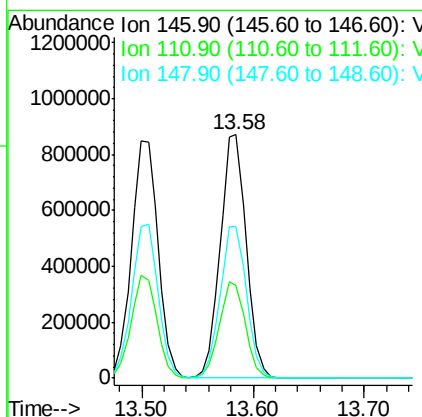
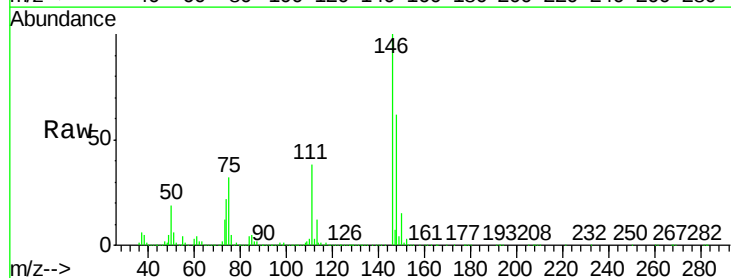
RT: 13.58 min Scan# 1916

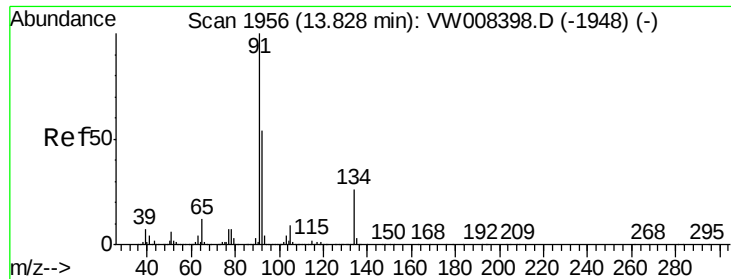
Delta R.T. 0.00 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.3	20.0	60.0
148	63.2	32.0	96.2





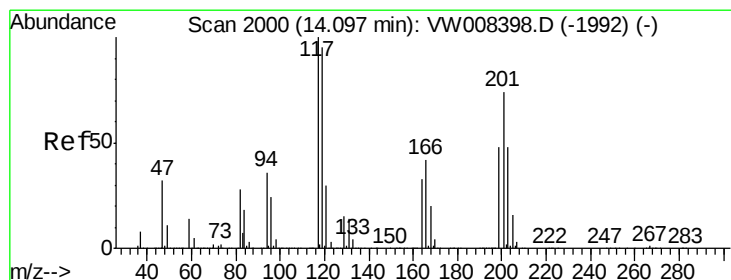
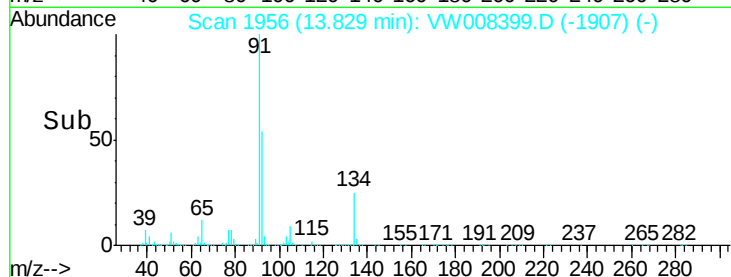
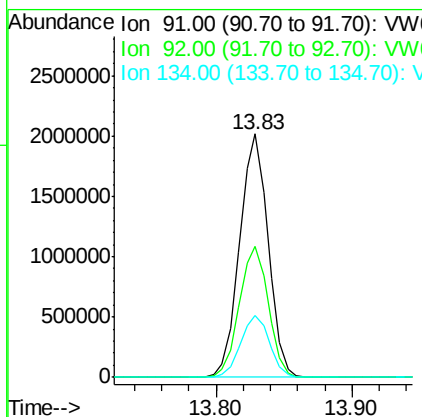
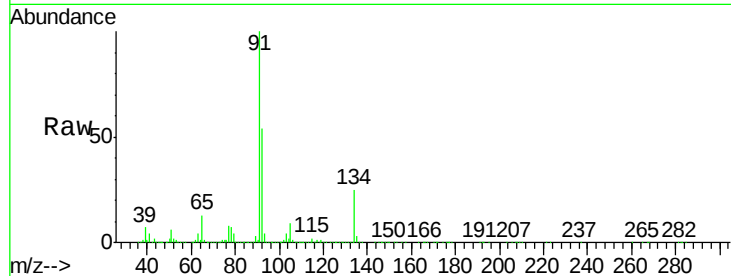
#89
n-Butylbenzene
Concen: 113.060 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW008399.D
Acq: 24 Jan 2019 16:33

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion: 91 Resp: 2944826
Ion Ratio Lower Upper
91 100
92 54.7 27.4 82.2
134 25.8 13.0 39.0

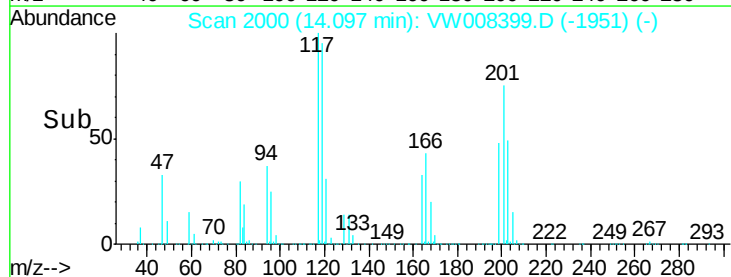
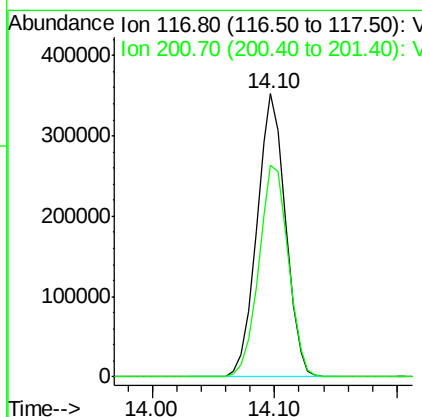
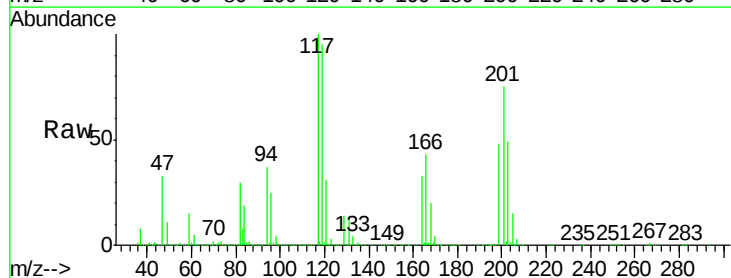
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#90
Hexachloroethane
Concen: 114.265 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW008399.D
Acq: 24 Jan 2019 16:33

Tgt Ion: 117 Resp: 574200
Ion Ratio Lower Upper
117 100
201 77.2 39.1 117.5





#91

1,2-Dichlorobenzene

Concen: 100.251 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

Instrument :

MSVOA_W

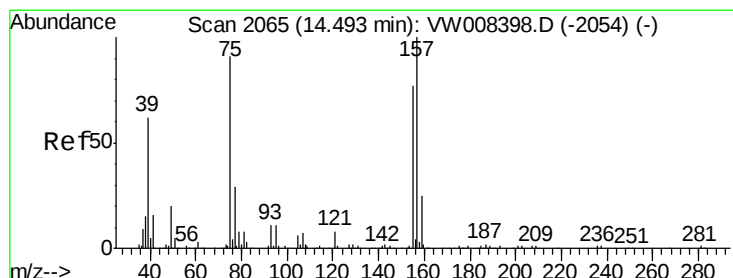
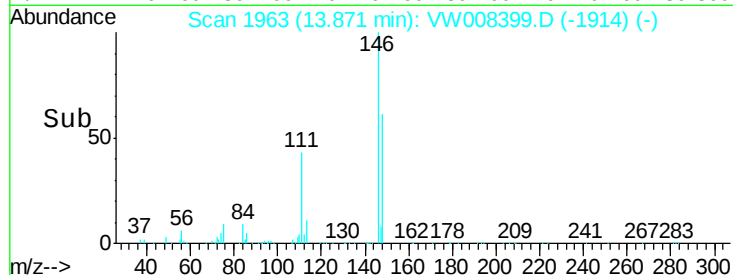
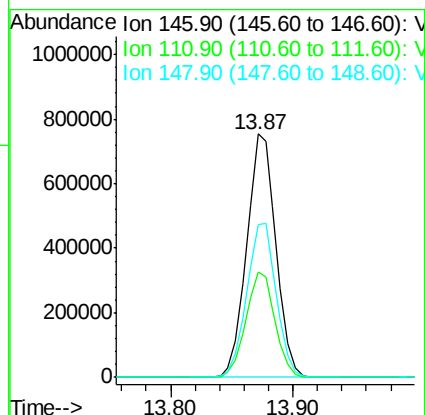
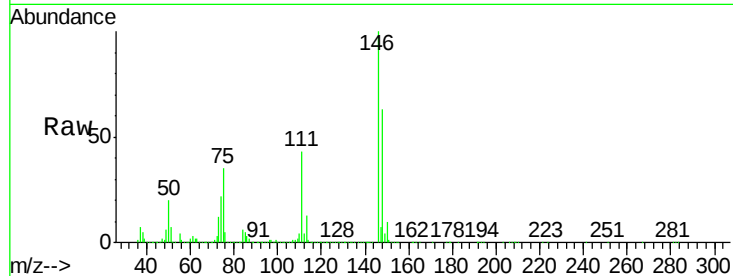
ClientSampleId :

VSTDIC100

Tot Ion:	146	Resp:	1245396
Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.1	63.3
148	64.0	31.9	95.5

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#92

1,2-Dibromo-3-Chloropropane

Concen: 111.320 ug/l

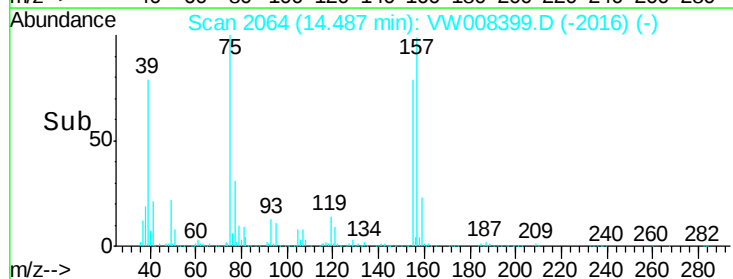
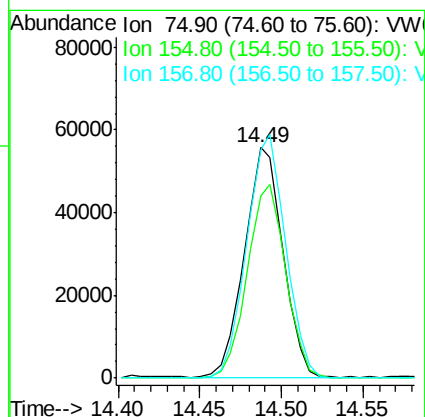
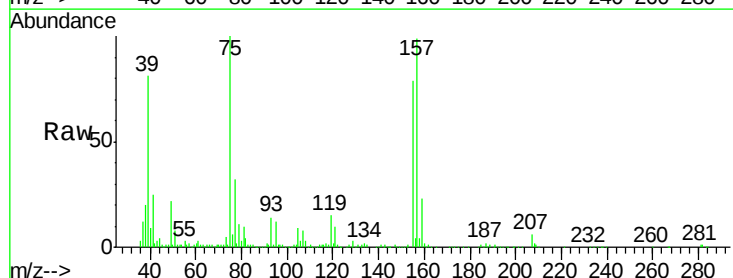
RT: 14.49 min Scan# 2064

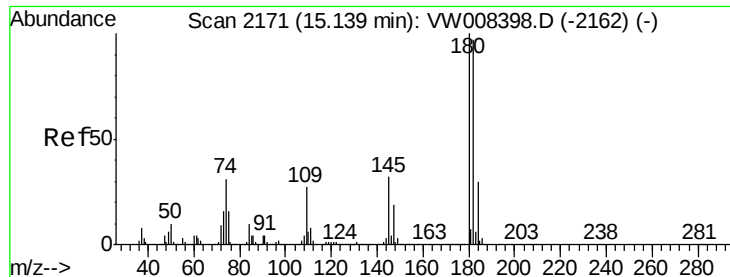
Delta R.T. -0.01 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

Tgt Ion:	75	Resp:	91280
Ion	Ratio	Lower	Upper
75	100		
155	84.3	42.7	128.1
157	106.9	55.5	166.3





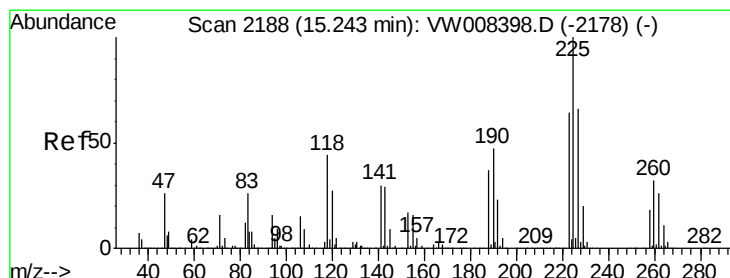
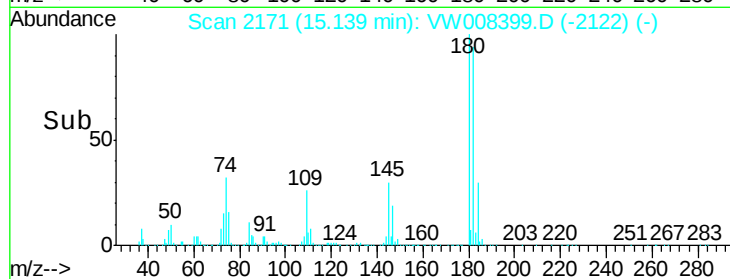
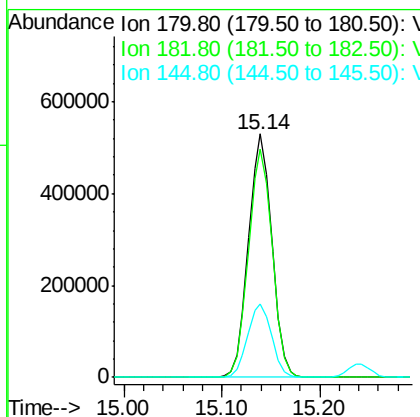
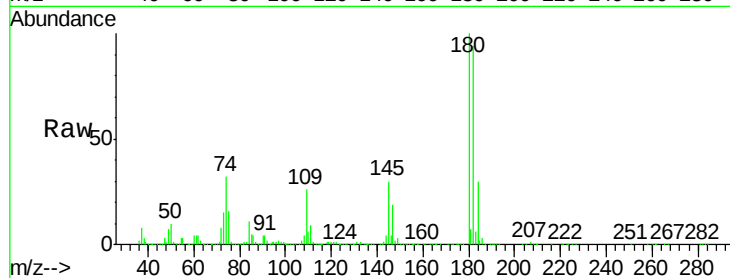
#93
 1,2,4-Trichlorobenzene
 Concen: 104.504 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW008399.D
 Acq: 24 Jan 2019 16:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.0	47.9	143.7	
145	30.8	15.5	46.5	

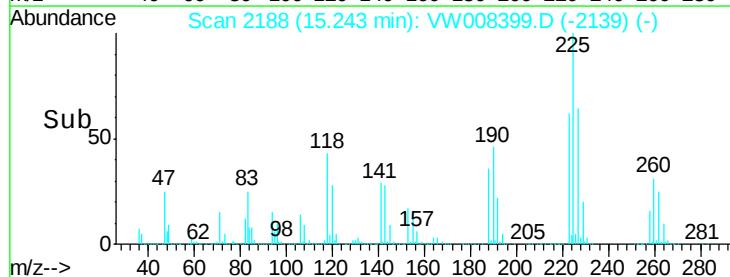
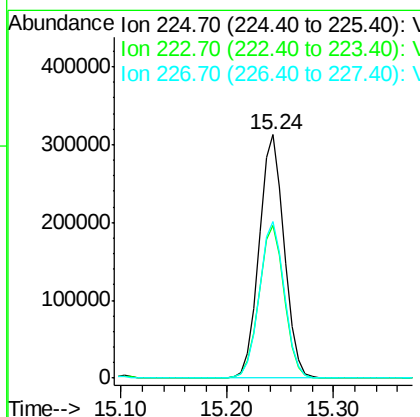
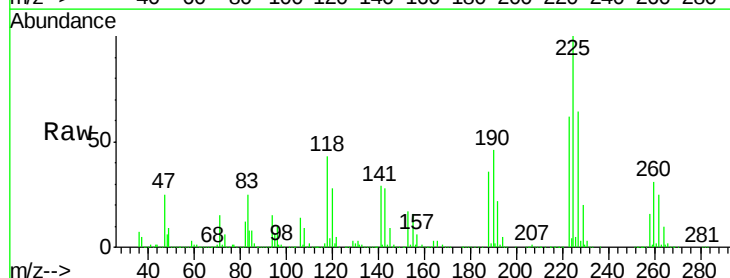
Manual Integrations
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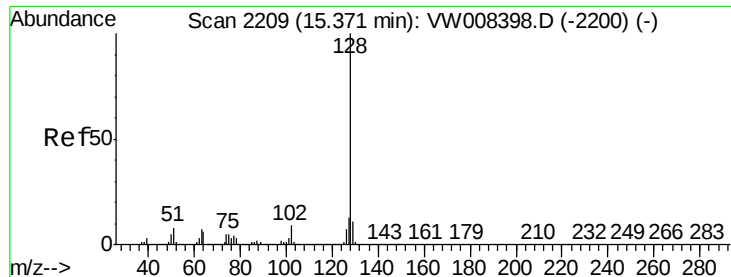
sam
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#94
 Hexachlorobutadiene
 Concen: 108.523 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW008399.D
 Acq: 24 Jan 2019 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.3	31.7	95.1	
227	64.4	32.1	96.3	





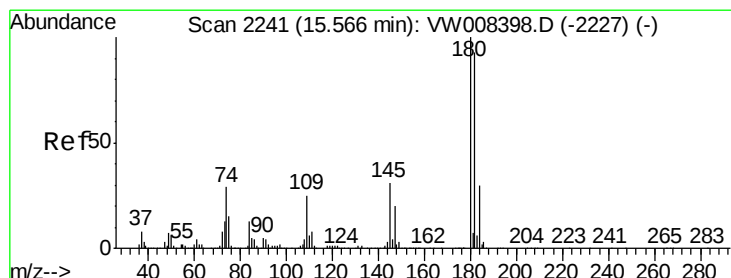
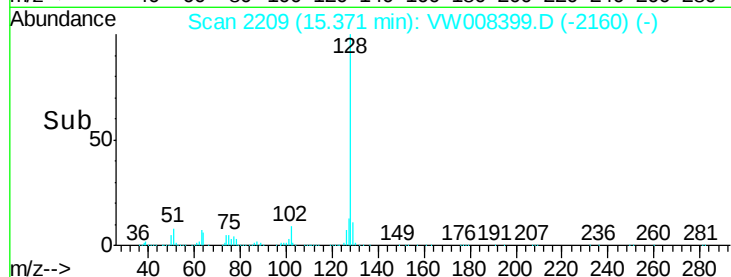
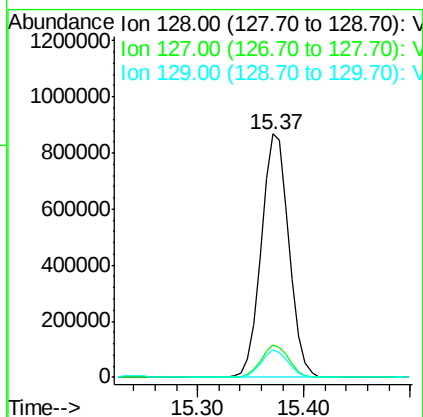
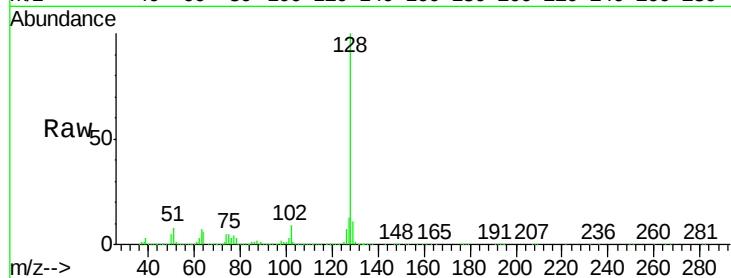
#95
Naphthalene
Concen: 111.912 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW008399.D
Acq: 24 Jan 2019 16:33

Instrument :
MSVOA_W
ClientSampled :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	15.8
129	10.9	8.7	13.1

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 101.752 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.01 min
Lab File: VW008399.D
Acq: 24 Jan 2019 16:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.0	141.2
145	32.6	15.9	47.6

