

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100418\
 Data File : VW005836.D
 Acq On : 04 Oct 2018 04:29
 Operator : SY/AP
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

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 10/4/2018 2:47:08 PM

Quant Time: Oct 04 06:49:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100418S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 04 05:22:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	202969	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	304452	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	290817	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	161388	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	125473	52.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.24%	
35) Dibromofluoromethane	7.89	113	102608	53.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.42%	
50) Toluene-d8	10.33	98	409081	52.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.80%	
62) 4-Bromofluorobenzene	12.62	95	152935	52.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	57566	42.432	ug/l	100
3) Chloromethane	2.21	50	64968	40.506	ug/l	100
4) Vinyl Chloride	2.37	62	100064	50.680	ug/l	100
5) Bromomethane	2.78	94	68661	51.244	ug/l	100
6) Chloroethane	2.93	64	62533	49.426	ug/l	100
7) Trichlorofluoromethane	3.26	101	71803	47.292	ug/l	100
8) Diethyl Ether	3.68	74	55265	54.120	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	95557	49.153	ug/l	100
10) Methyl Iodide	4.27	142	162882	53.839	ug/l	100
11) Tert butyl alcohol	5.23	59	35287	253.444	ug/l	100
12) 1,1-Dichloroethene	4.03	96	95931	51.197	ug/l	100
13) Acrolein	3.90	56	34900	323.270	ug/l	100
14) Allyl chloride	4.67	41	160344	49.691	ug/l	100
15) Acrylonitrile	5.38	53	121511	268.717	ug/l	100
16) Acetone	4.14	43	104557	242.930	ug/l	100
17) Carbon Disulfide	4.37	76	314158	53.215	ug/l	100
18) Methyl Acetate	4.68	43	61404	52.946	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	166233	56.814	ug/l	100
20) Methylene Chloride	4.91	84	119465	49.079	ug/l	100
21) trans-1,2-Dichloroethene	5.42	96	108928	53.085	ug/l	100
22) Diisopropyl ether	6.32	45	331270	52.700	ug/l	100
23) Vinyl Acetate	6.26	43	974616	269.841	ug/l	100
24) 1,1-Dichloroethane	6.22	63	202385	51.852	ug/l	100
25) 2-Butanone	7.18	43	150770	255.278	ug/l	100
26) 2,2-Dichloropropane	7.17	77	119790	44.832	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	119393	52.873	ug/l	100
28) Bromochloromethane	7.52	49	68716	45.280	ug/l	100
29) Tetrahydrofuran	7.54	42	99626	269.443	ug/l	100
30) Chloroform	7.68	83	216117	53.393	ug/l	100
31) Cyclohexane	7.96	56	170491	46.044	ug/l	100
32) 1,1,1-Trichloroethane	7.88	97	181659	51.075	ug/l	100
36) 1,1-Dichloropropene	8.09	75	160693	52.069	ug/l	100
37) Ethyl Acetate	7.26	43	69706	53.295	ug/l	100
38) Carbon Tetrachloride	8.07	117	171938	51.933	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	184672	50.895	ug/l	100
40) Benzene	8.33	78	462650	52.728	ug/l	100
41) Methacrylonitrile	7.49	41	44540	58.875	ug/l	100
42) 1,2-Dichloroethane	8.40	62	158085	55.611	ug/l	100
43) Isopropyl Acetate	8.43	43	138968	53.749	ug/l	100
44) Trichloroethene	9.09	130	119669	53.103	ug/l	100
45) 1,2-Dichloropropane	9.37	63	108154	50.603	ug/l	100
46) Dibromomethane	9.46	93	60461	55.467	ug/l	100
47) Bromodichloromethane	9.65	83	156892	54.011	ug/l	100
48) Methyl methacrylate	9.44	41	68959	56.079	ug/l	100
49) 1,4-Dioxane	9.48	88	18986	1091.253	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	362591	277.501	ug/l	100
52) Toluene	10.39	92	297344	54.186	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	158398	54.442	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	176740	54.282	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	86351	55.674	ug/l	100
56) Ethyl methacrylate	10.65	69	111209	58.127	ug/l	100
57) 1,3-Dichloropropane	10.94	76	148792	54.410	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	220990	259.923	ug/l	100
59) 2-Hexanone	10.98	43	247257	279.215	ug/l	100
60) Dibromochloromethane	11.13	129	110404	58.447	ug/l	100
61) 1,2-Dibromoethane	11.24	107	82332	56.812	ug/l	100
64) Tetrachloroethene	10.87	164	114987	54.583	ug/l	100
65) Chlorobenzene	11.66	112	327377	52.588	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	123522	54.754	ug/l	100
67) Ethyl Benzene	11.74	91	584936	53.087	ug/l	100
68) m/p-Xylenes	11.84	106	453992	108.687	ug/l	100
69) o-Xylene	12.17	106	211265	54.052	ug/l	100
70) Styrene	12.19	104	362248	55.081	ug/l	100
71) Bromoform	12.35	173	69225	57.178	ug/l #	100
73) Isopropylbenzene	12.47	105	590192	52.672	ug/l	100
74) N-amyl acetate	12.28	43	131893	51.838	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	100966	53.557	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	72316m	51.685	ug/l	
77) Bromobenzene	12.76	156	142855	53.827	ug/l	100
78) n-propylbenzene	12.81	91	706316	52.207	ug/l	100
79) 2-Chlorotoluene	12.90	91	412441	52.457	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	521206	53.454	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	31772	51.696	ug/l	100
82) 4-Chlorotoluene	12.99	91	433908	52.317	ug/l	100
83) tert-Butylbenzene	13.21	119	432152	52.796	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	538431	54.616	ug/l	100
85) sec-Butylbenzene	13.39	105	610268	51.539	ug/l	100
86) p-Isopropyltoluene	13.51	119	565404	53.112	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	286686	52.957	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	280910	52.242	ug/l	100
89) n-Butylbenzene	13.83	91	508022	50.893	ug/l	100
90) Hexachloroethane	14.10	117	98785	51.171	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	258698	53.925	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19198	52.886	ug/l	100

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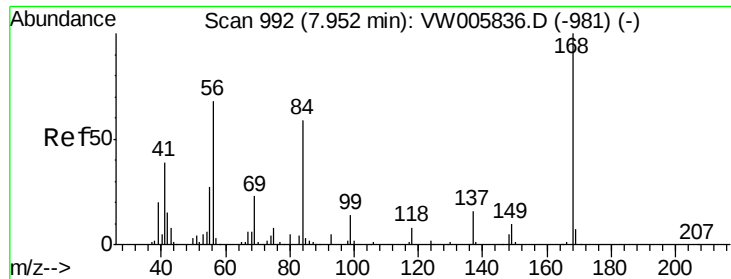
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	182234	53.512	ug/l	100
94) Hexachlorobutadiene	15.24	225	110634	50.417	ug/l	100
95) Naphthalene	15.38	128	334266	57.657	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	165678	54.904	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW005836.D

Acq: 04 Oct 2018 04:29

Instrument :

MSVOA_W

ClientSampled :

VSTDICCC050

Tot Ion:168 Resp: 202969

Ion Ratio Lower Upper

168 100

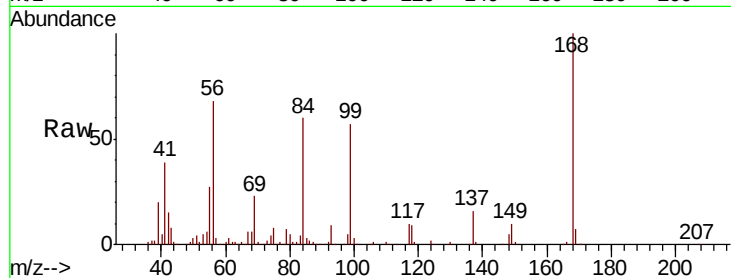
99 56.8 45.4 68.2

Manual Integrations

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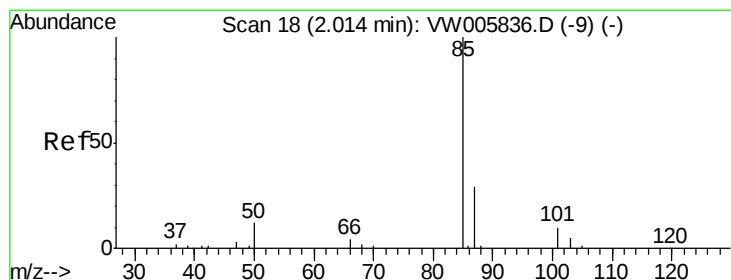
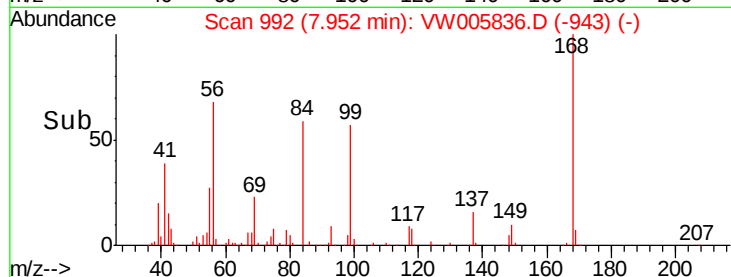
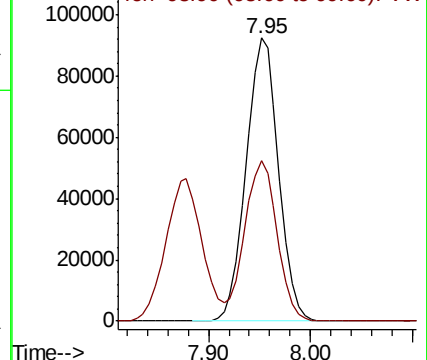
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 42.432 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW005836.D

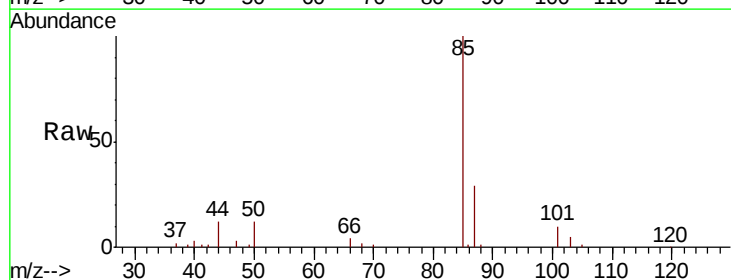
Acq: 04 Oct 2018 04:29

Tgt Ion: 85 Resp: 57566

Ion Ratio Lower Upper

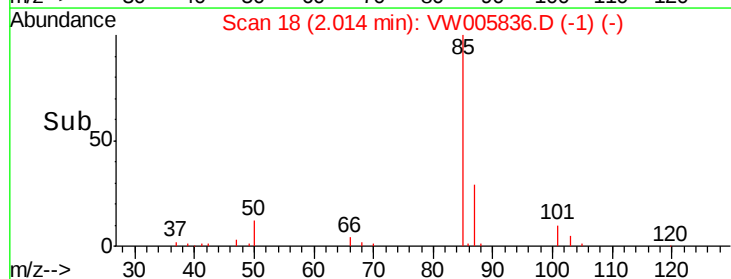
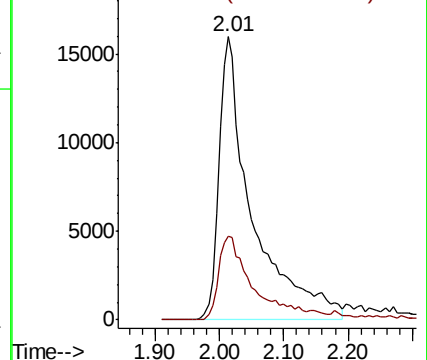
85 100

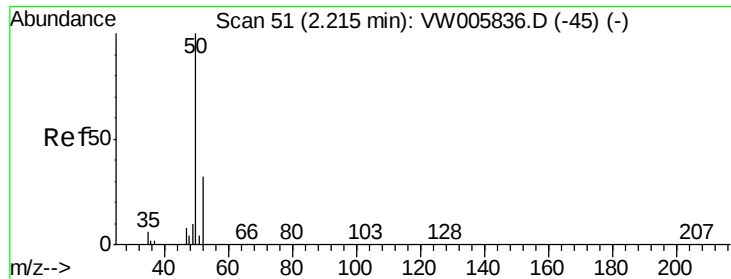
87 29.5 14.8 44.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 40.506 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW005836.D

Acq: 04 Oct 2018 04:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 64968

Ion Ratio Lower Upper

50 100

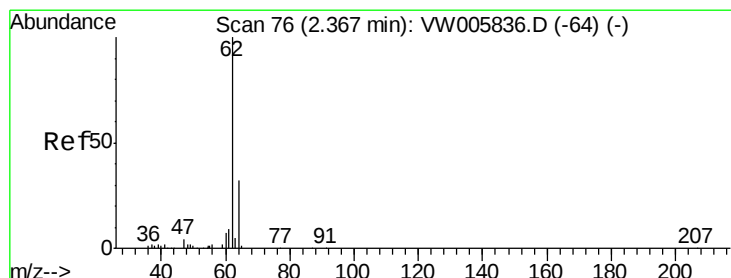
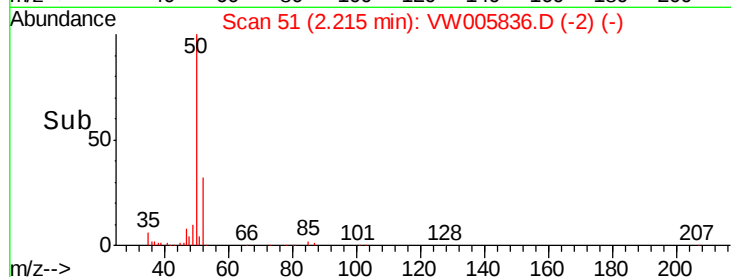
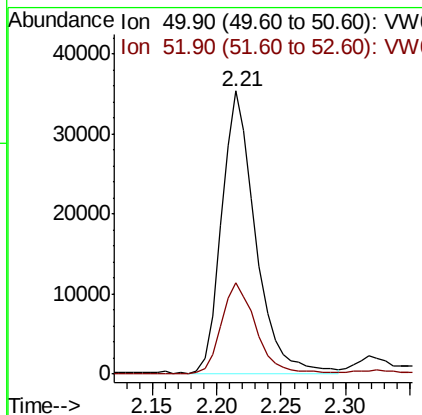
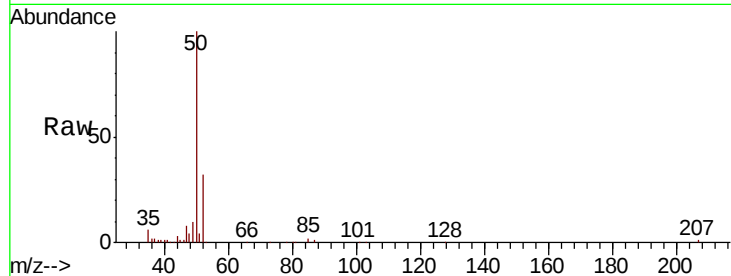
52 32.5 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 50.680 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW005836.D

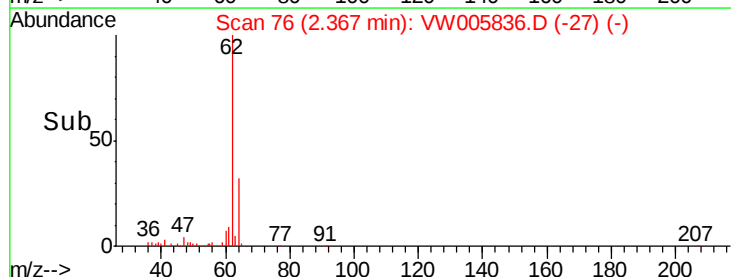
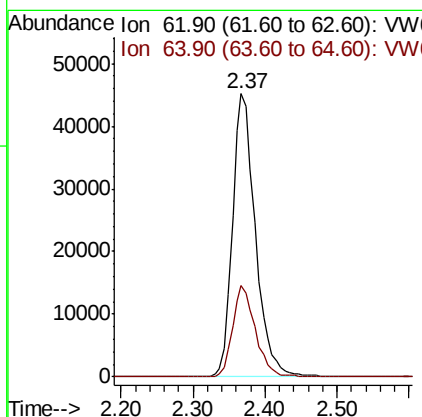
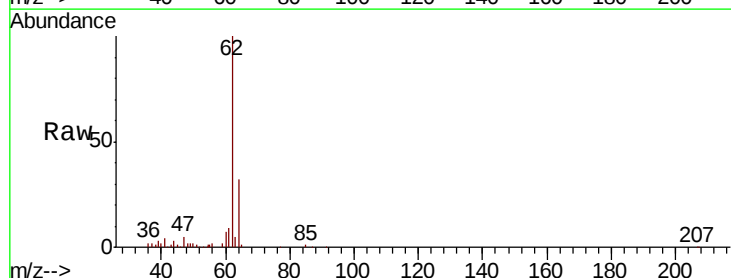
Acq: 04 Oct 2018 04:29

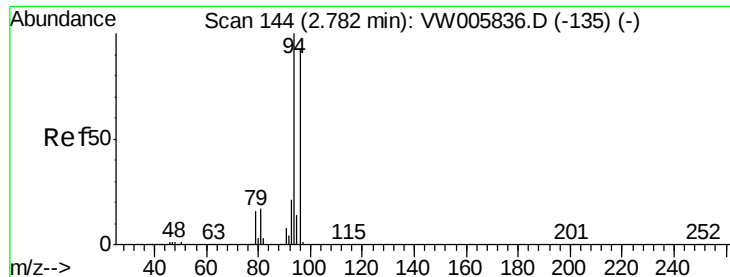
Tgt Ion: 62 Resp: 100064

Ion Ratio Lower Upper

62 100

64 32.1 25.7 38.5





#5

Bromomethane

Concen: 51.244 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.00 min

Lab File: VW005836.D

Acq: 04 Oct 2018 04:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 68661

Ion Ratio Lower Upper

94 100

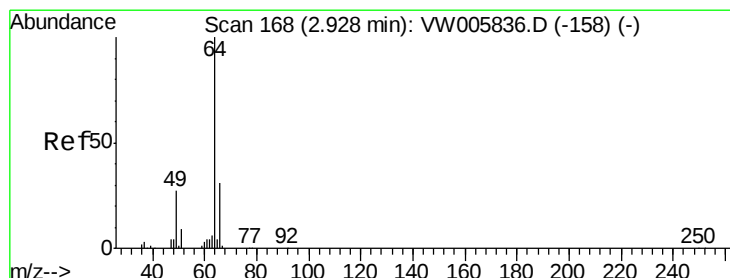
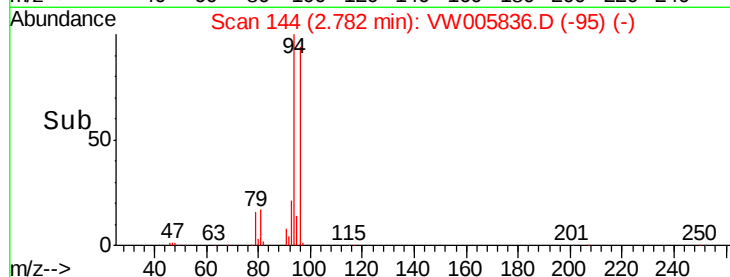
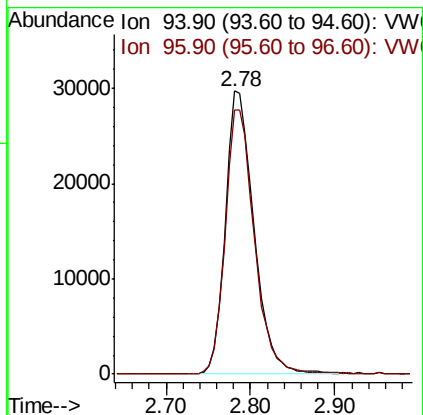
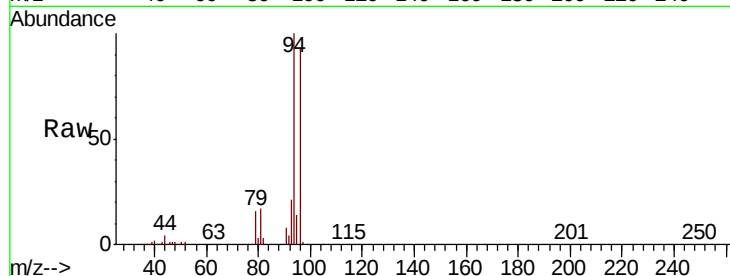
96 93.1 74.5 111.7

Manual Integrations

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#6

Chloroethane

Concen: 49.426 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW005836.D

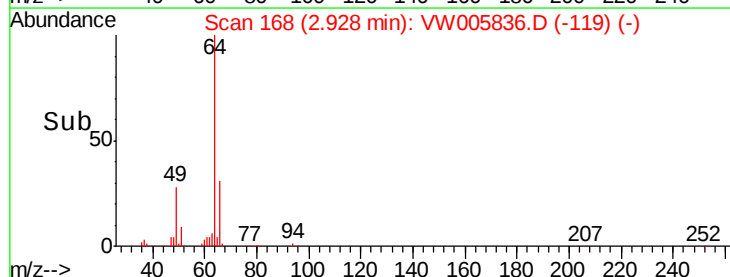
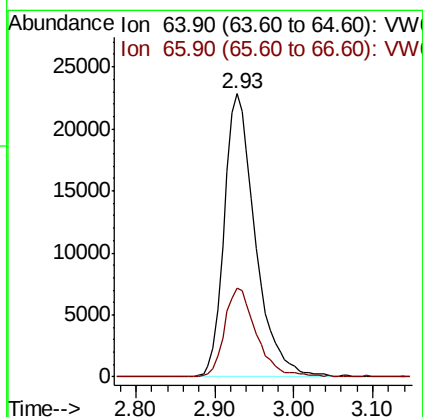
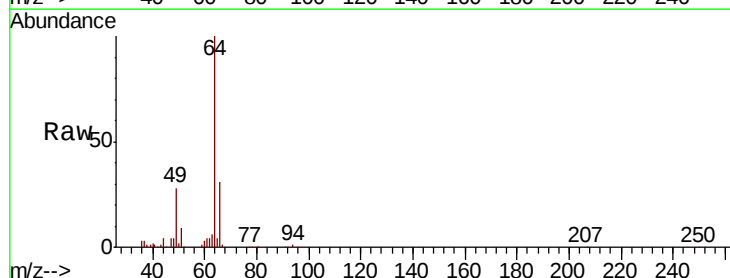
Acq: 04 Oct 2018 04:29

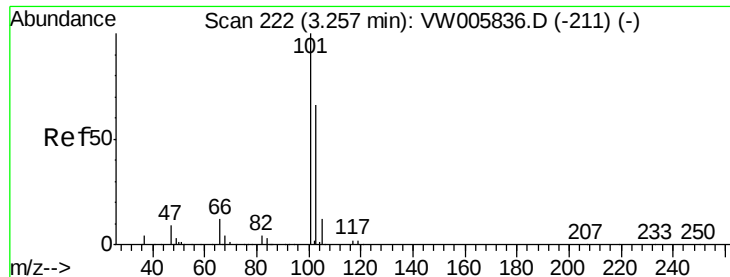
Tgt Ion: 64 Resp: 62533

Ion Ratio Lower Upper

64 100

66 31.3 25.0 37.6





#7

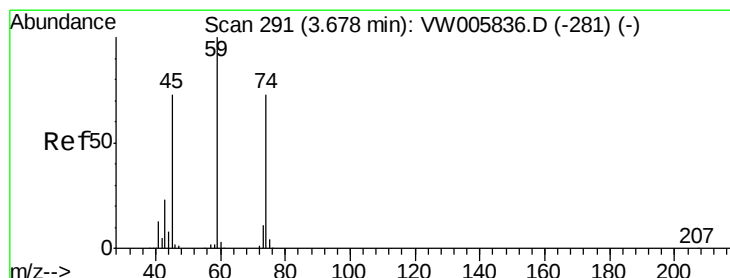
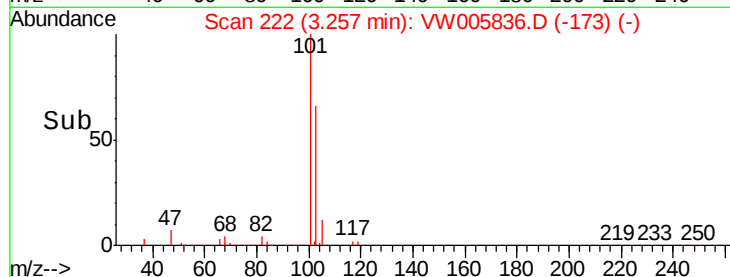
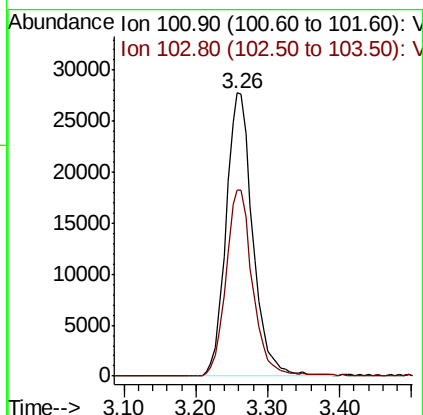
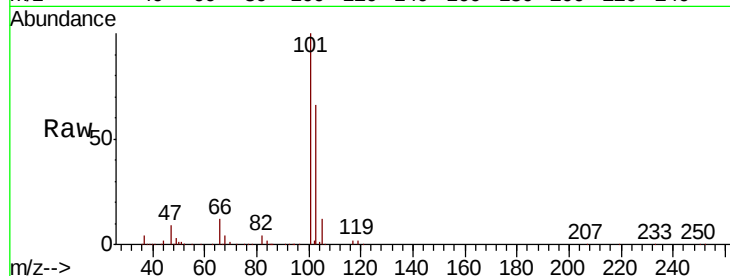
Trichlorofluoromethane
 Concen: 47.292 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VW005836.D
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 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.6	52.5	78.7

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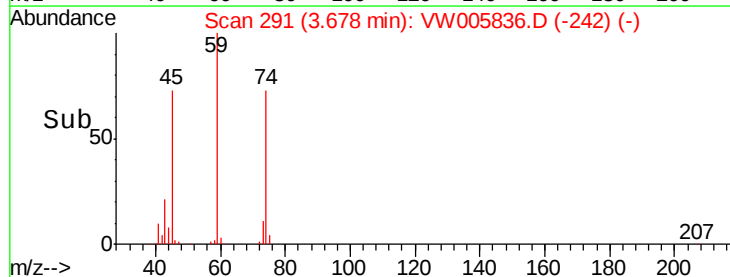
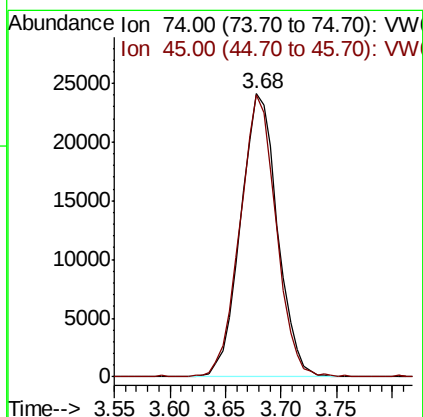
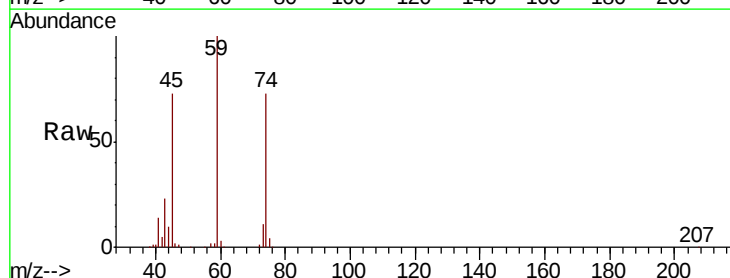
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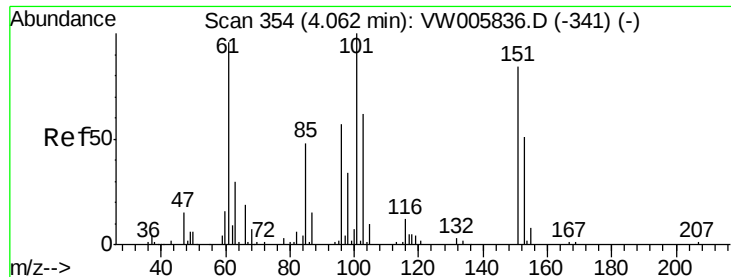


#8

Diethyl Ether
 Concen: 54.120 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW005836.D
 Acq: 04 Oct 2018 04:29

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.3	49.1	147.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.153 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW005836.D

Acq: 04 Oct 2018 04:29

Instrument :

MSVOA_W

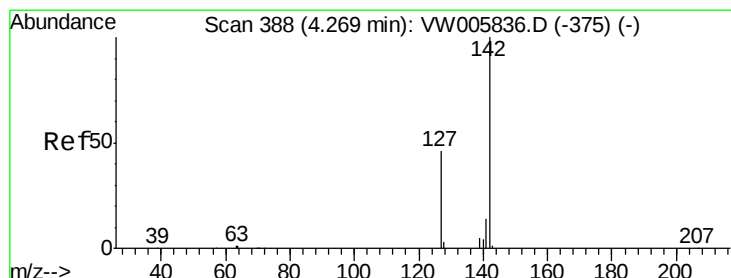
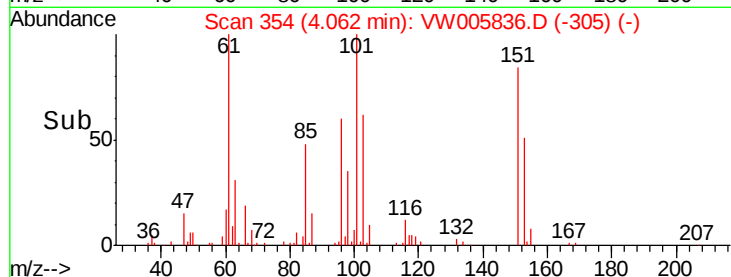
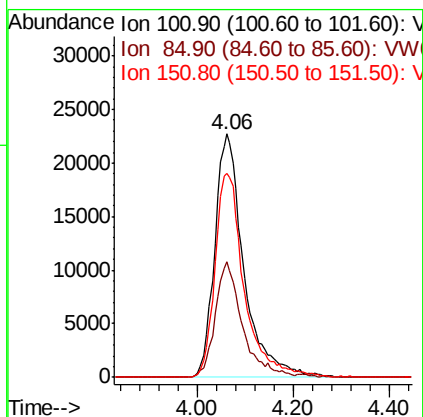
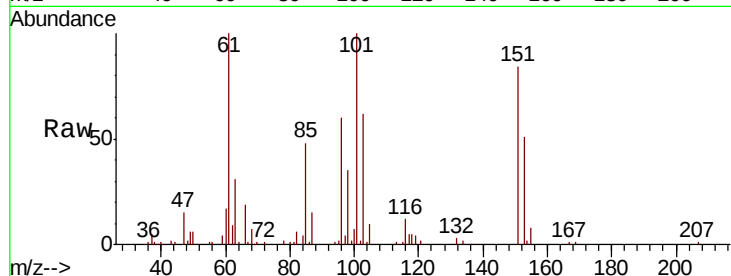
ClientSampleId :

VSTDICCC050

Tot Ion:	101	Resp:	95557
Ion Ratio	Lower	Upper	
101	100		
85	44.4	35.5	53.3
151	84.3	67.4	101.2

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#10

Methyl Iodide

Concen: 53.839 ug/l

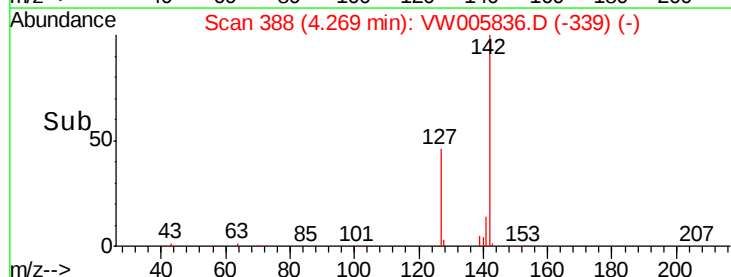
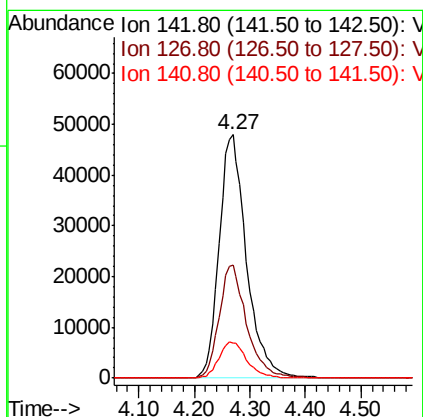
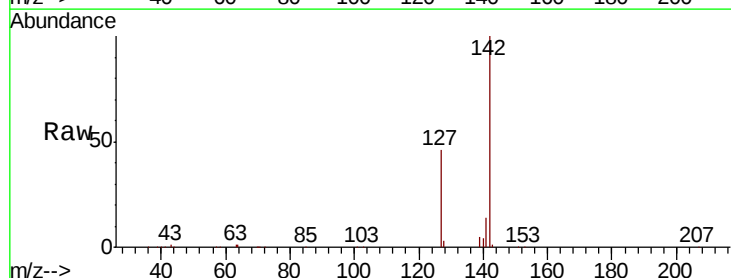
RT: 4.27 min Scan# 388

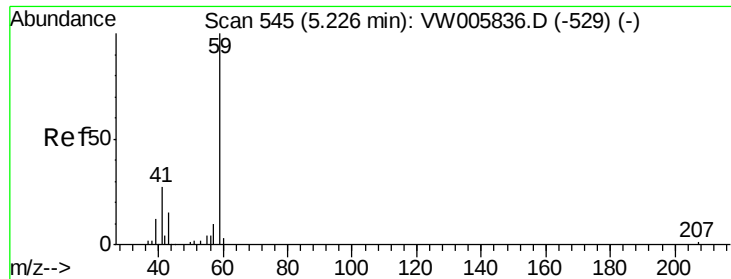
Delta R.T. 0.00 min

Lab File: VW005836.D

Acq: 04 Oct 2018 04:29

Tgt Ion:	142	Resp:	162882
Ion Ratio	Lower	Upper	
142	100		
127	46.7	37.4	56.0
141	15.2	12.2	18.2





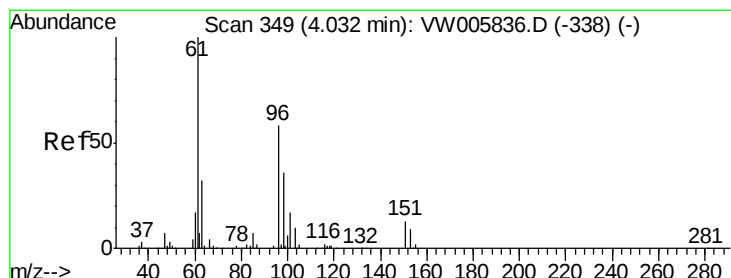
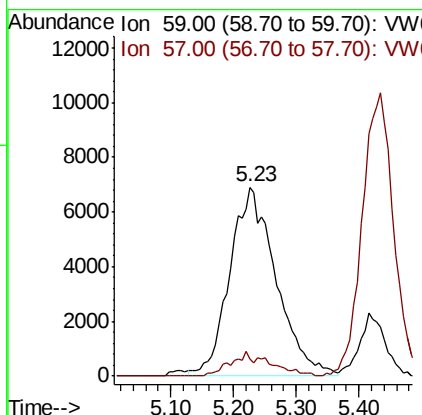
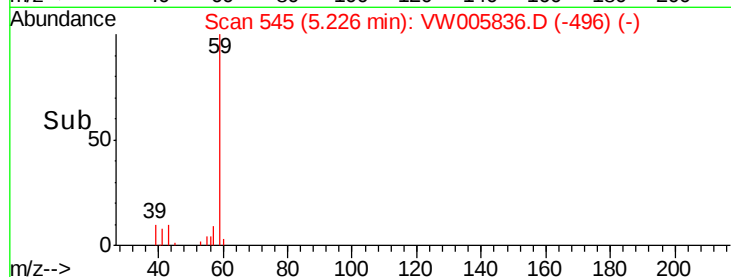
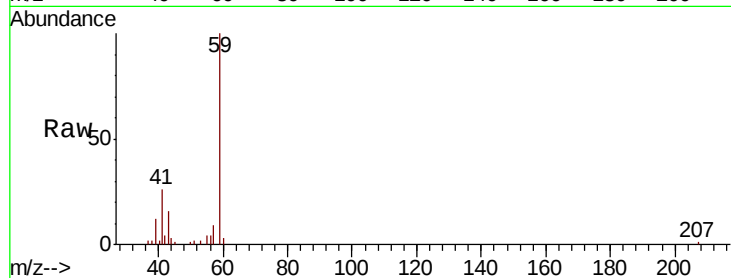
#11
Tert butyl alcohol
Concen: 253.444 ug/l
RT: 5.23 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW005836.D
Acq: 04 Oct 2018 04:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	59	Resp	35287
Ion Ratio	100	Lower	Upper
57	6.0	4.9	7.3

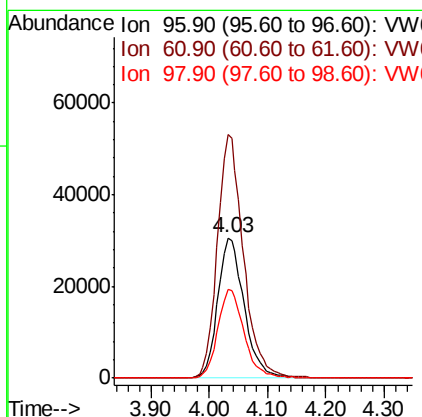
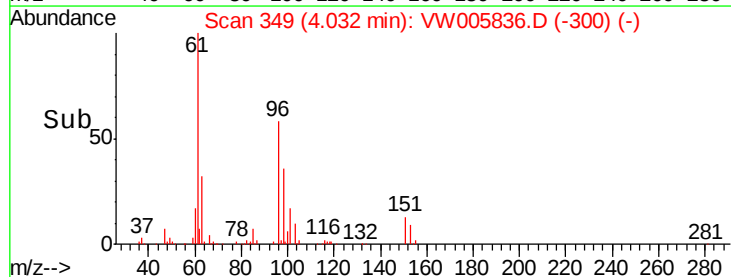
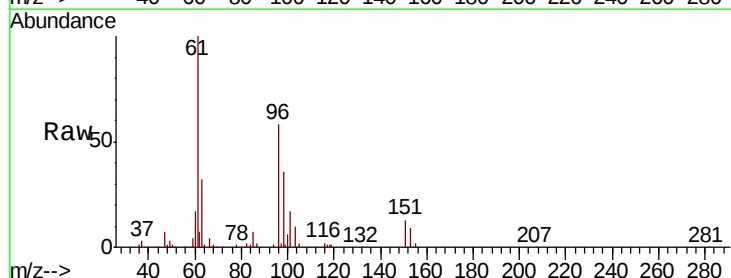
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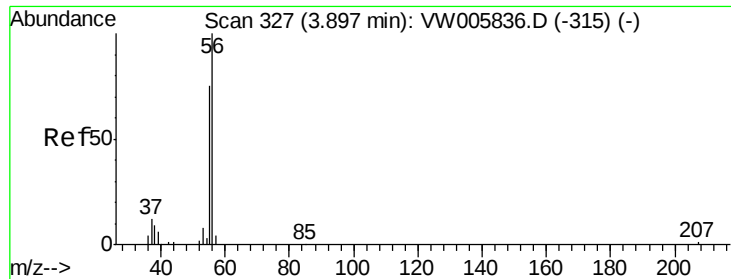
apatel
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#12
1,1-Dichloroethene
Concen: 51.197 ug/l
RT: 4.03 min Scan# 349
Delta R.T. 0.00 min
Lab File: VW005836.D
Acq: 04 Oct 2018 04:29

Tgt Ion	96	Resp	95931
Ion Ratio	100	Lower	Upper
61	173.5	138.8	208.2
98	63.2	50.6	75.8





#13

Acrolein

Concen: 323.270 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.00 min

Lab File: VW005836.D

Acq: 04 Oct 2018 04:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 56 Resp: 34900

Ion Ratio Lower Upper

56 100

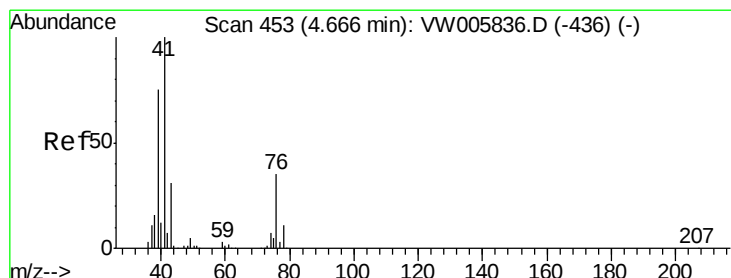
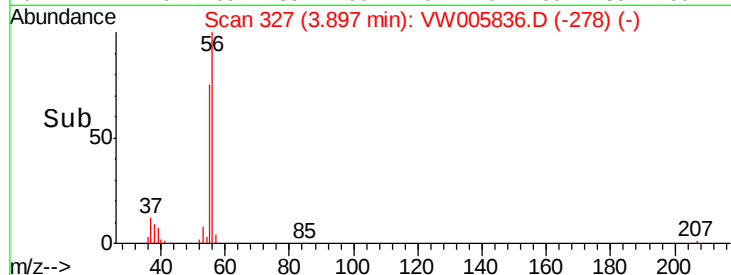
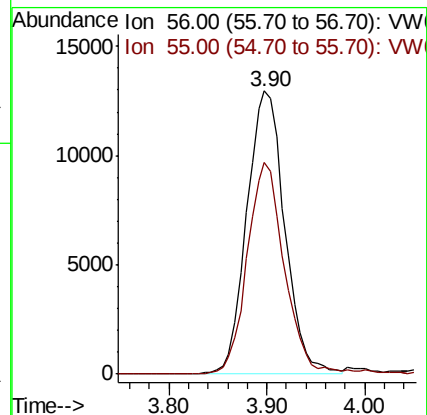
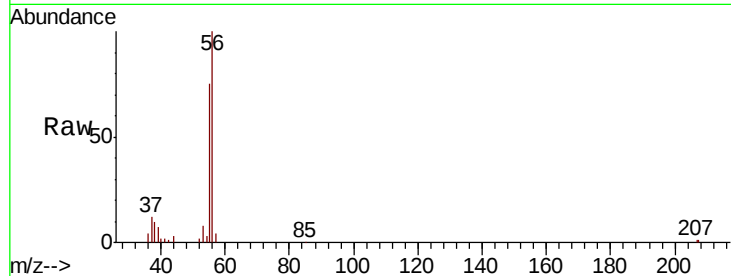
55 74.0 59.2 88.8

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#14

Allyl chloride

Concen: 49.691 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW005836.D

Acq: 04 Oct 2018 04:29

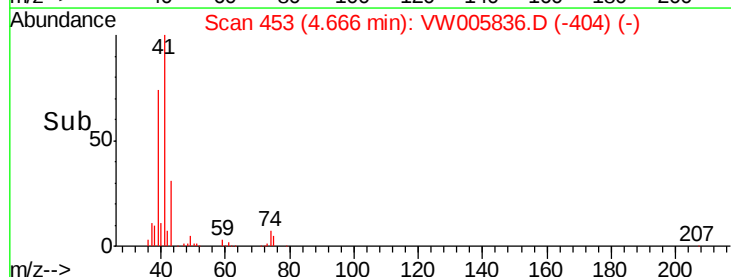
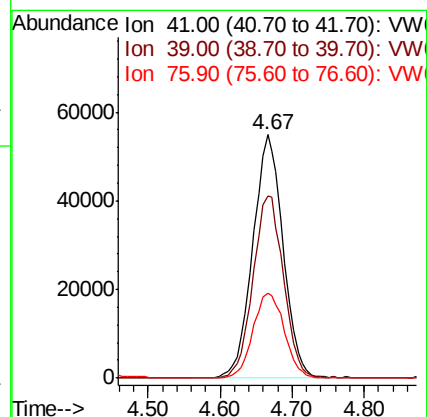
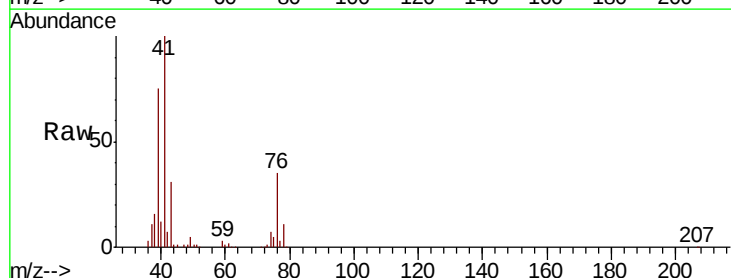
Tgt Ion: 41 Resp: 160344

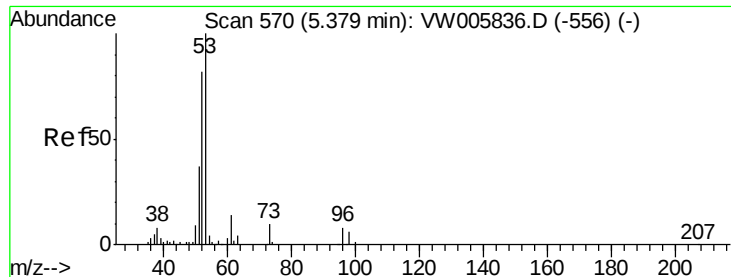
Ion Ratio Lower Upper

41 100

39 75.4 60.3 90.5

76 36.1 28.9 43.3





#15

Acrylonitrile

Concen: 268.717 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.00 min

Lab File: VW005836.D

Acq: 04 Oct 2018 04:29

Instrument :

MSVOA_W

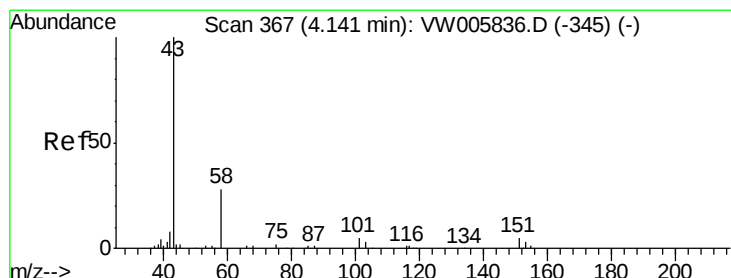
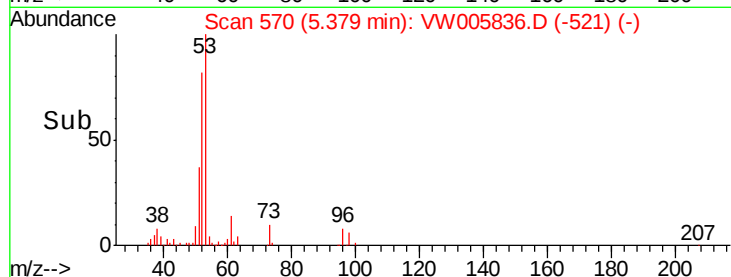
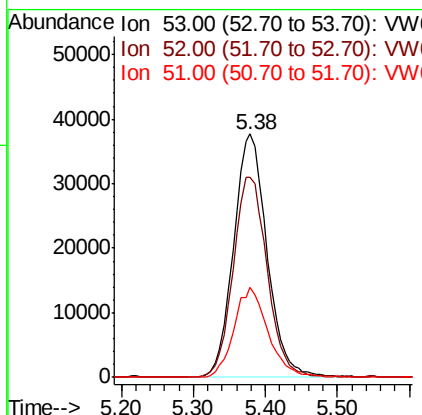
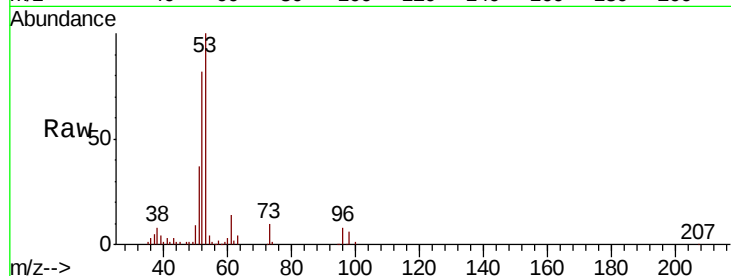
ClientSampleId :

VSTDICCC050

Tot Ion:	53	Resp:	121511
Ion	Ratio	Lower	Upper
53	100		
52	84.1	67.3	100.9
51	37.7	30.2	45.2

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#16

Acetone

Concen: 242.930 ug/l

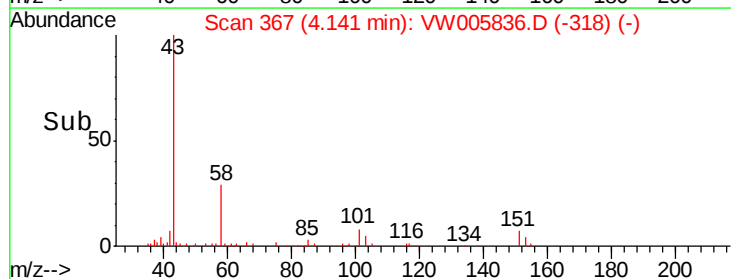
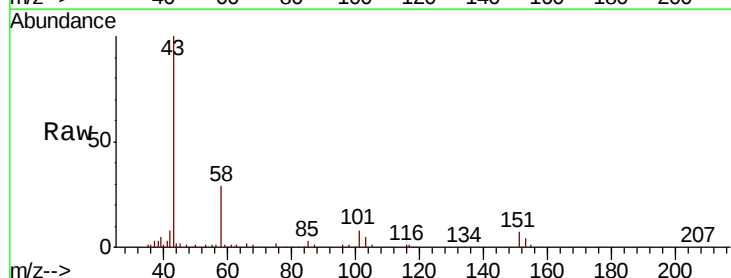
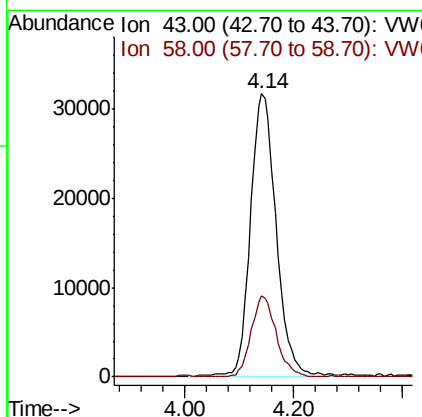
RT: 4.14 min Scan# 367

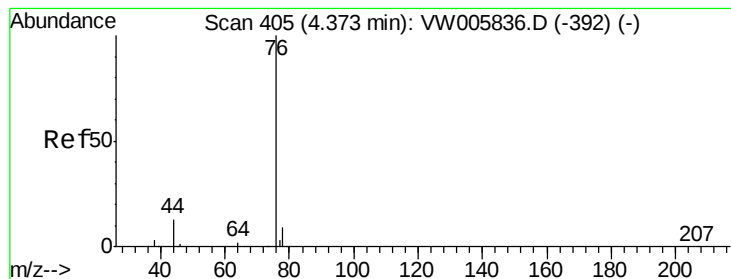
Delta R.T. 0.00 min

Lab File: VW005836.D

Acq: 04 Oct 2018 04:29

Tgt Ion:	43	Resp:	104557
Ion	Ratio	Lower	Upper
43	100		
58	28.7	23.0	34.4





#17

Carbon Disulfide

Concen: 53.215 ug/l

RT: 4.37 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW005836.D

Acq: 04 Oct 2018 04:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 76 Resp: 314158

Ion Ratio Lower Upper

76 100

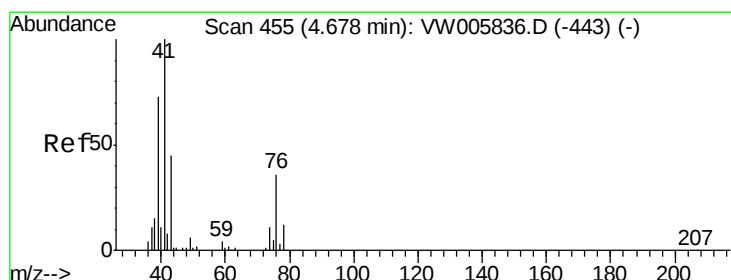
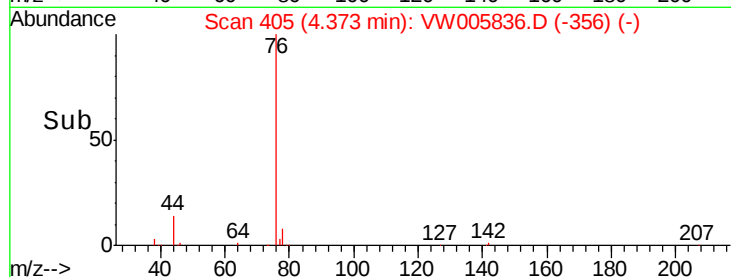
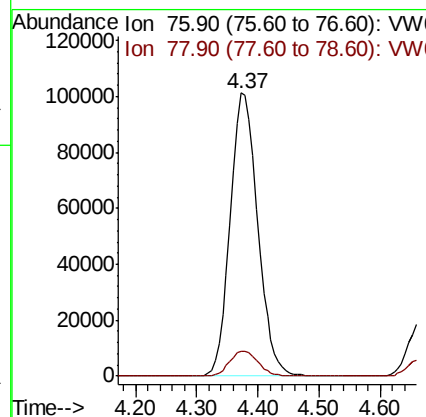
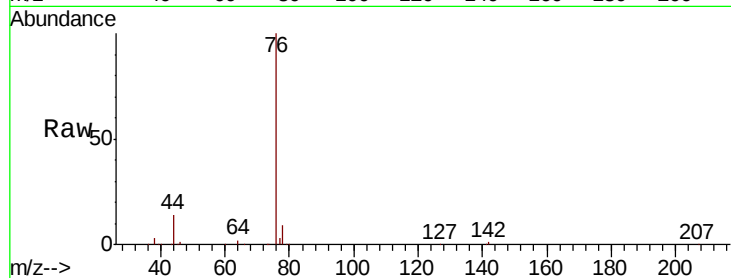
78 8.8 7.0 10.6

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#18

Methyl Acetate

Concen: 52.946 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.00 min

Lab File: VW005836.D

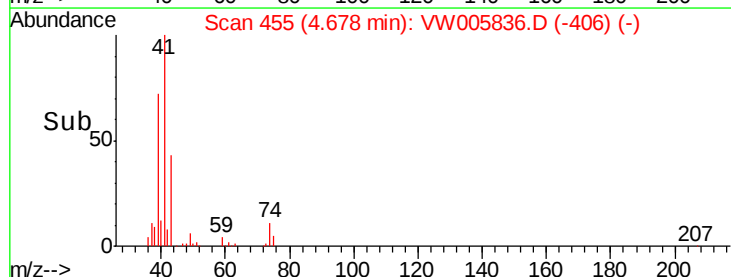
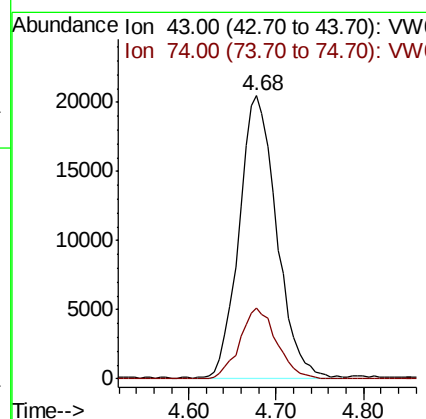
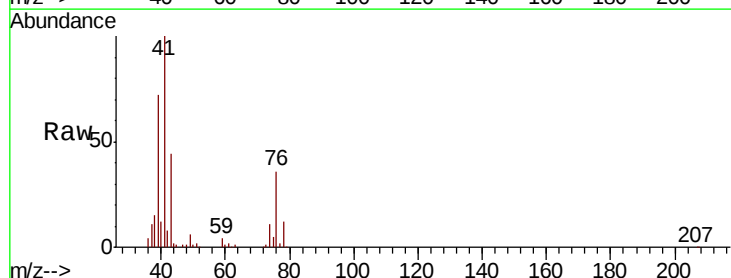
Acq: 04 Oct 2018 04:29

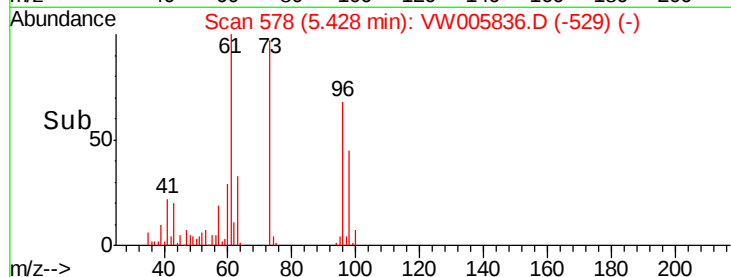
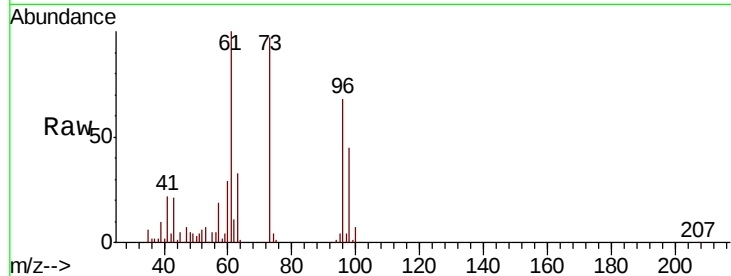
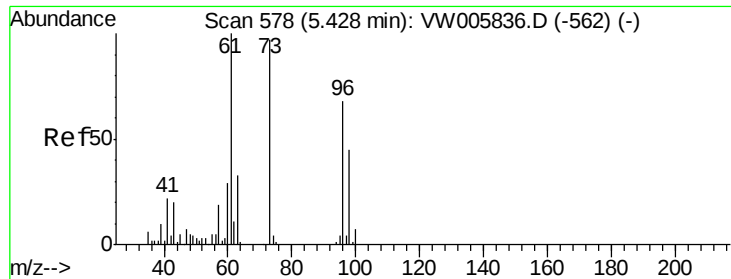
Tgt Ion: 43 Resp: 61404

Ion Ratio Lower Upper

43 100

74 24.4 19.5 29.3





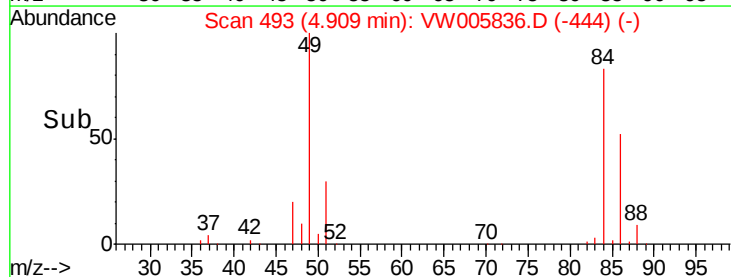
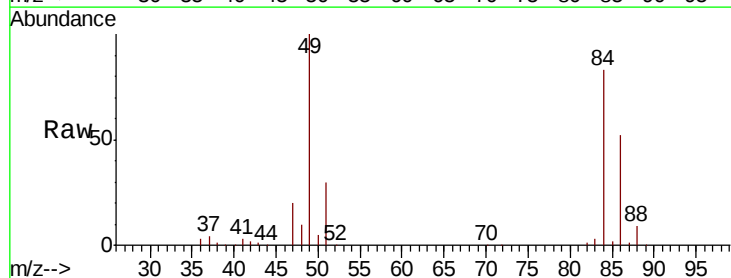
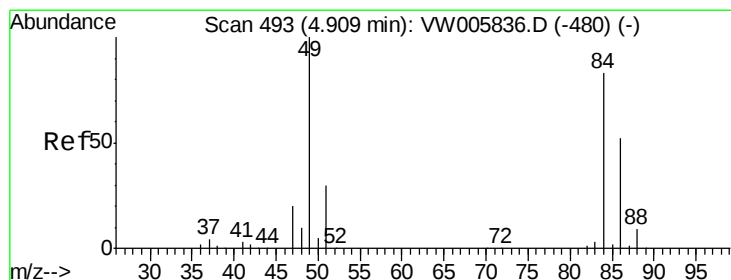
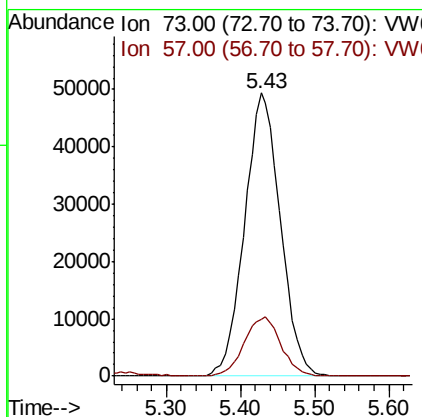
#19
Methvl tert-butvl Ether
Concen: 56.814 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW005836.D
Acq: 04 Oct 2018 04:29

Tot Ion: 73 Resp: 166233
Ion Ratio Lower Upper
73 100
57 19.9 15.9 23.9

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

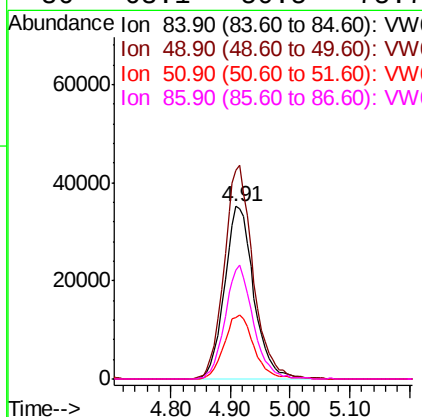
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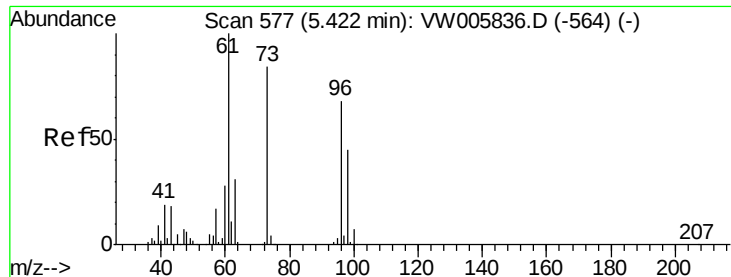
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#20
Methylene Chloride
Concen: 49.079 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW005836.D
Acq: 04 Oct 2018 04:29

Tgt Ion: 84 Resp: 119465
Ion Ratio Lower Upper
84 100
49 121.0 96.8 145.2
51 36.0 28.8 43.2
86 63.1 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 53.085 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW005836.D

Acq: 04 Oct 2018 04:29

Instrument :

MSVOA_W

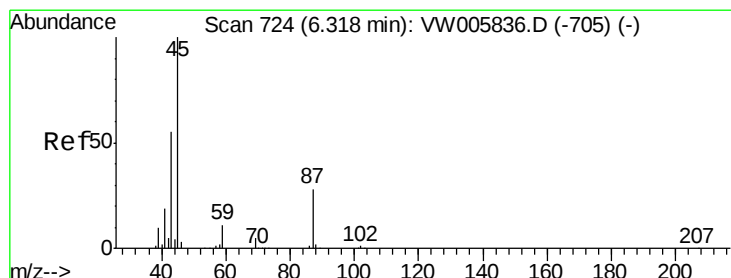
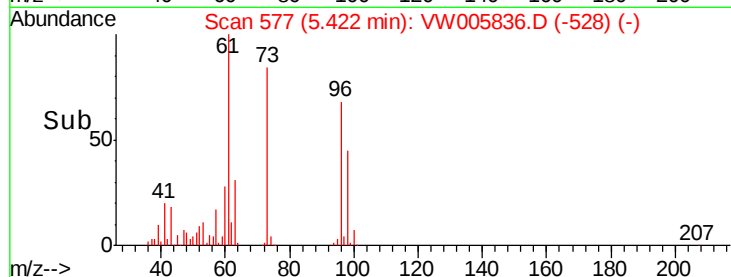
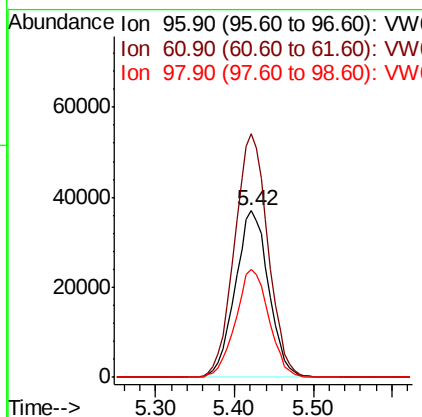
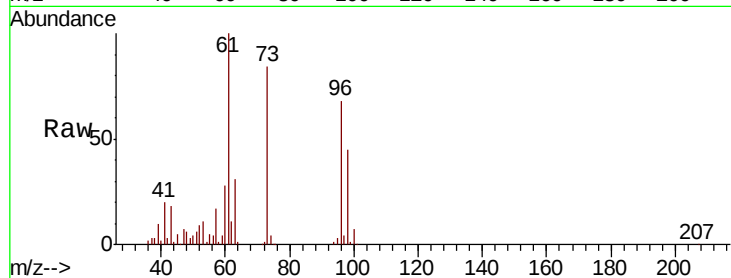
ClientSampleId :

VSTDICCC050

Tot Ion:	96	Resp:	108928
Ion	Ratio	Lower	Upper
96	100		
61	146.3	117.0	175.6
98	65.2	52.2	78.2

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#22

Diisopropyl ether

Concen: 52.700 ug/l

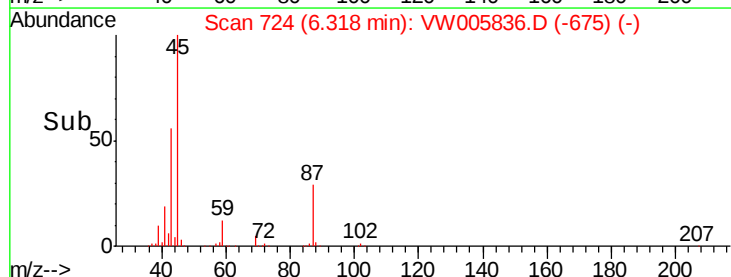
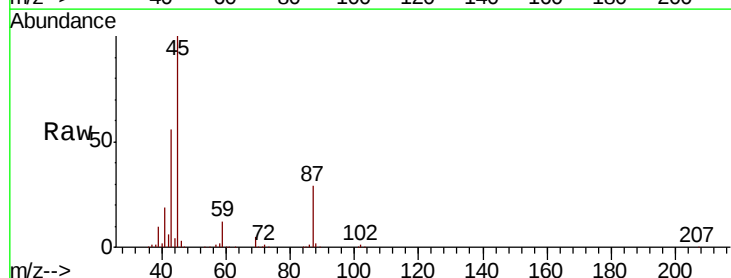
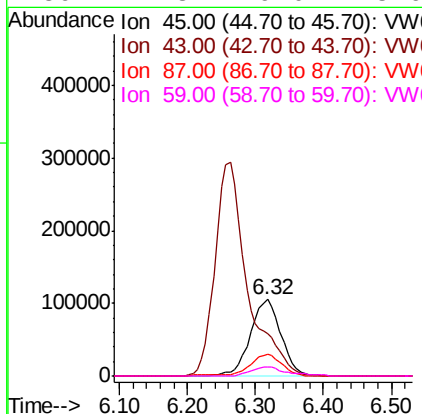
RT: 6.32 min Scan# 724

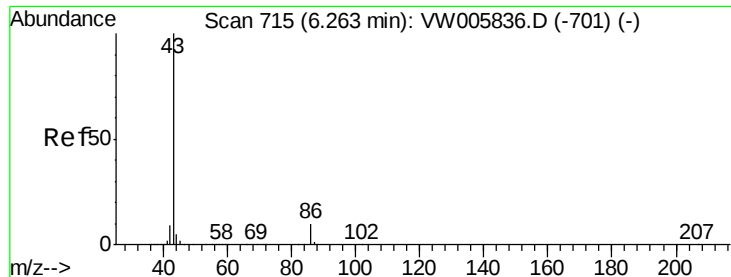
Delta R.T. 0.00 min

Lab File: VW005836.D

Acq: 04 Oct 2018 04:29

Tgt Ion:	45	Resp:	331270
Ion	Ratio	Lower	Upper
45	100		
43	55.8	44.6	67.0
87	29.3	23.4	35.2
59	11.3	9.0	13.6





#23

Vinyl Acetate

Concen: 269.841 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.00 min

Lab File: VW005836.D

Acq: 04 Oct 2018 04:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 974616

Ion Ratio Lower Upper

43 100

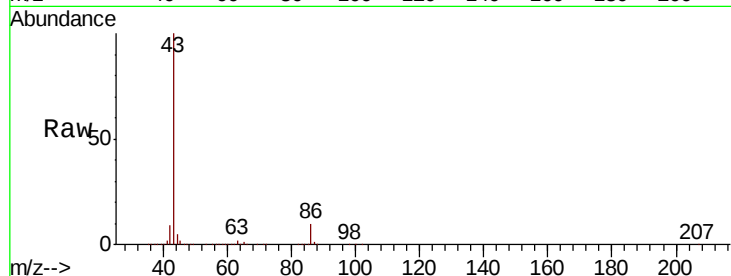
86 10.1 8.1 12.1

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

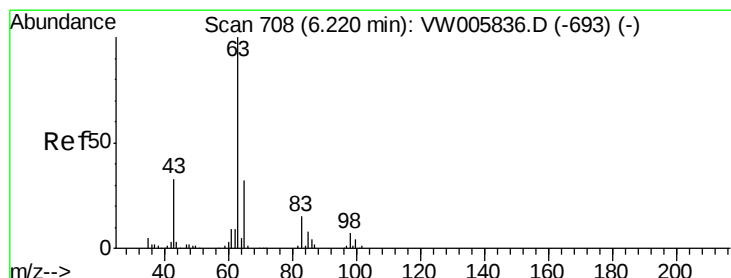
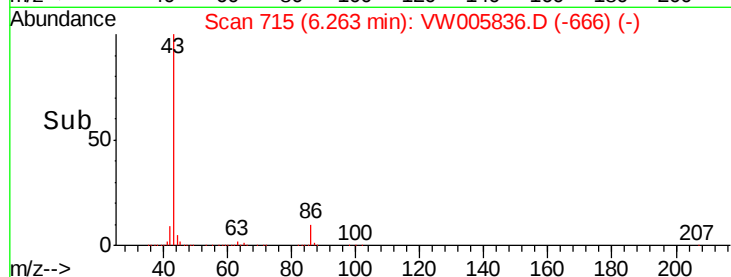
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 51.852 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW005836.D

Acq: 04 Oct 2018 04:29

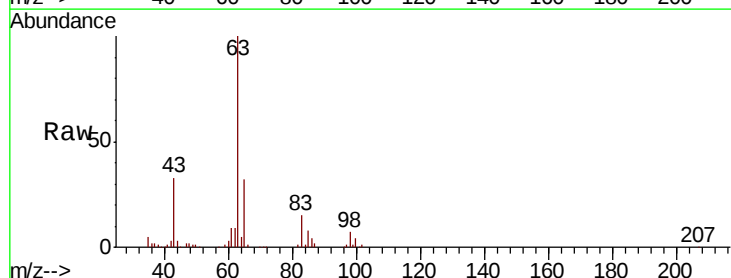
Tgt Ion: 63 Resp: 202385

Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.5

100 4.0 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.22

80000

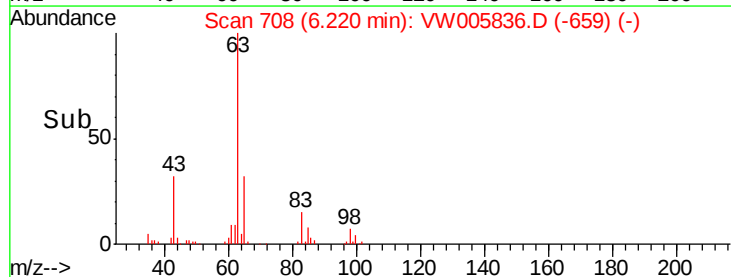
60000

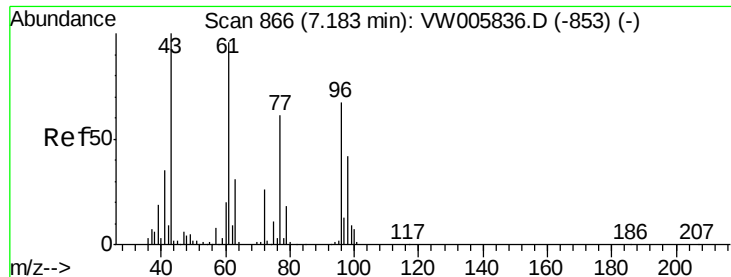
40000

20000

0

Time-->





#25

2-Butanone

Concen: 255.278 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: VW005836.D

Acq: 04 Oct 2018 04:29

Instrument :

MSVOA_W

ClientSampled :

VSTDICCC050

Tot Ion: 43 Resp: 150770

Ion Ratio Lower Upper

43 100

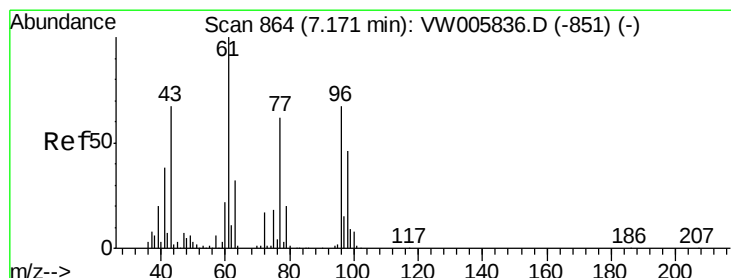
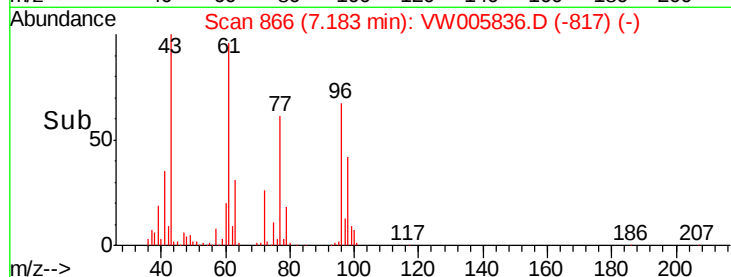
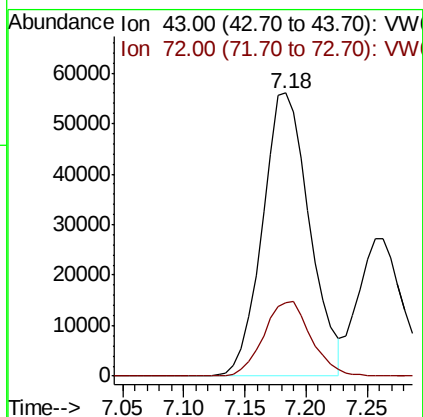
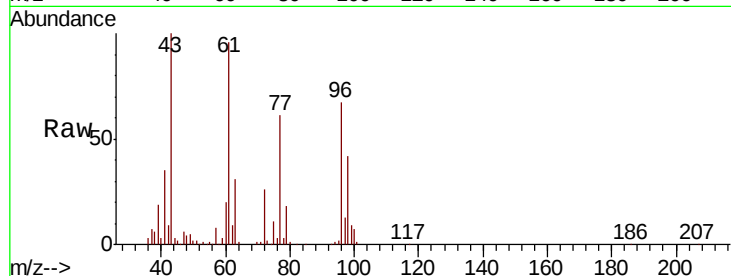
72 26.1 20.9 31.3

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#26

2,2-Dichloropropane

Concen: 44.832 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW005836.D

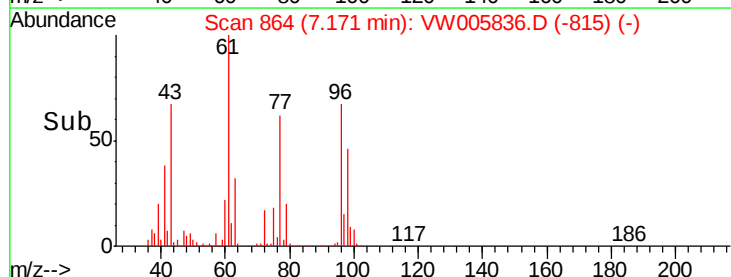
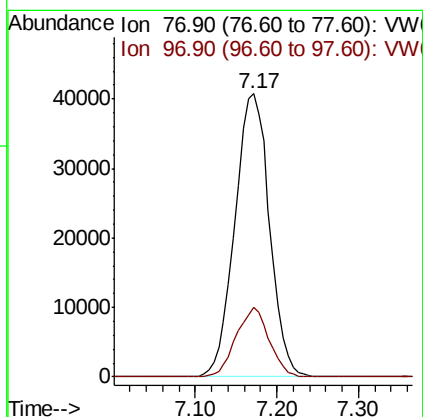
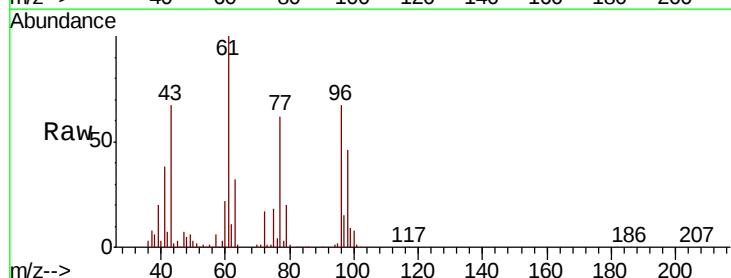
Acq: 04 Oct 2018 04:29

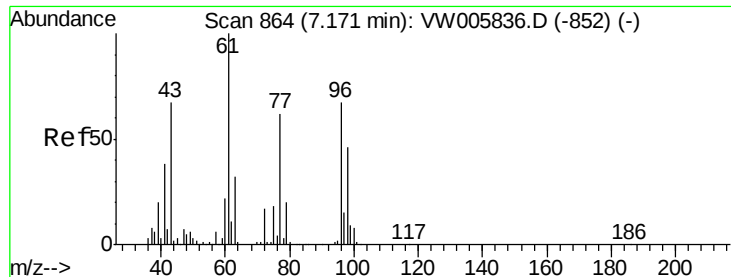
Tgt Ion: 77 Resp: 119790

Ion Ratio Lower Upper

77 100

97 23.3 11.7 35.0





#27

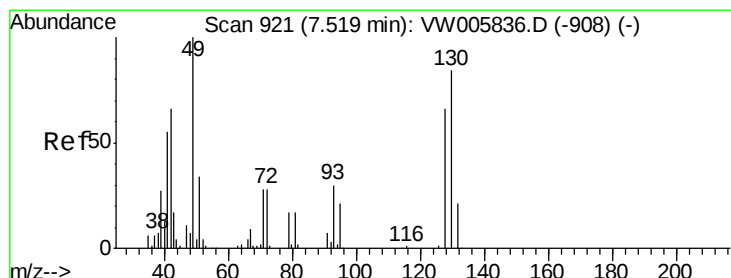
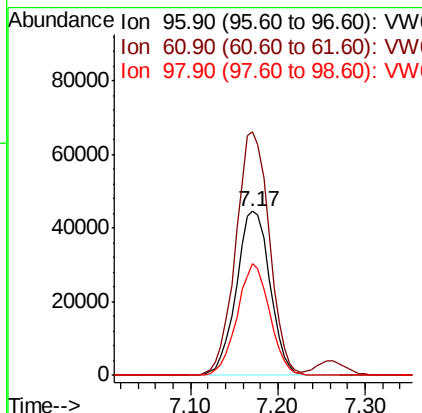
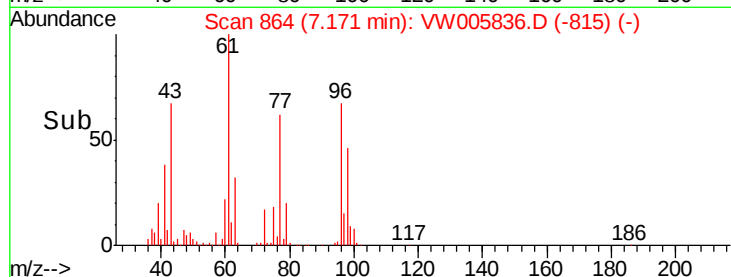
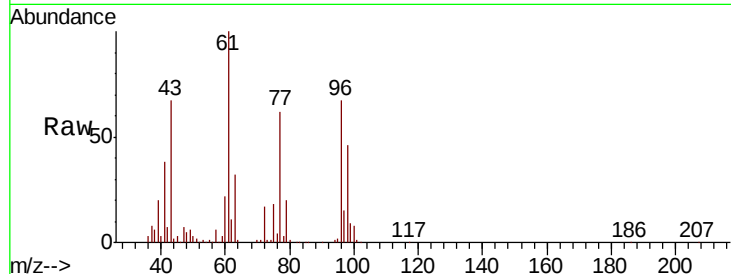
cis-1,2-Dichloroethene
Concen: 52.873 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW005836.D
Acq: 04 Oct 2018 04:29

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	119393		
61	148.2	0.0	296.4	
98	65.7	0.0	131.4	

Manual Integrations
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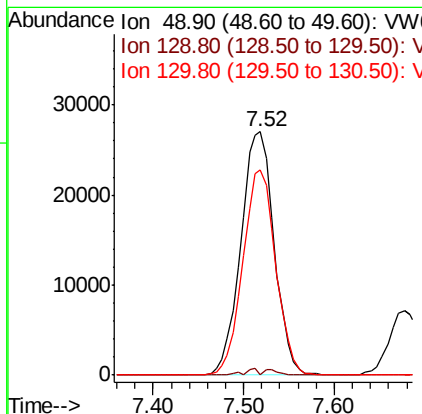
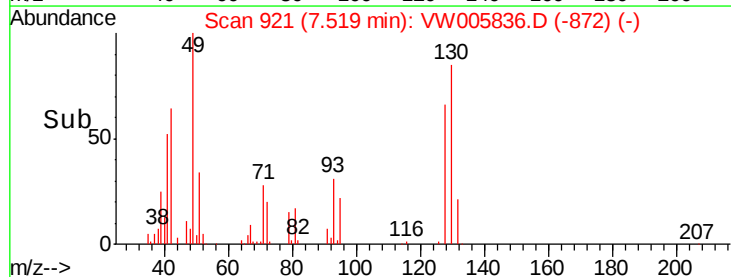
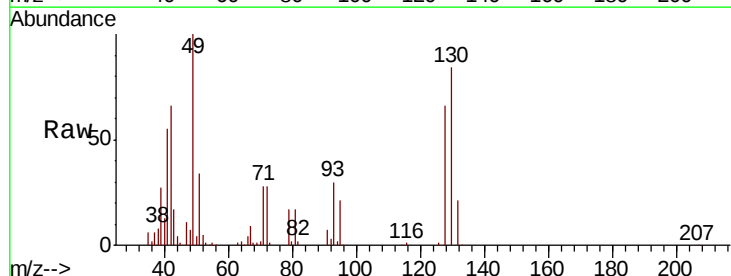
apatel
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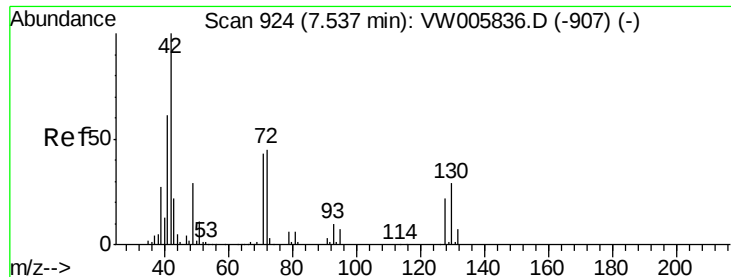


#28

Bromochloromethane
Concen: 45.280 ug/l
RT: 7.52 min Scan# 921
Delta R.T. 0.00 min
Lab File: VW005836.D
Acq: 04 Oct 2018 04:29

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	68716		
129	1.1	0.0	2.2	
130	83.0	66.4	99.6	





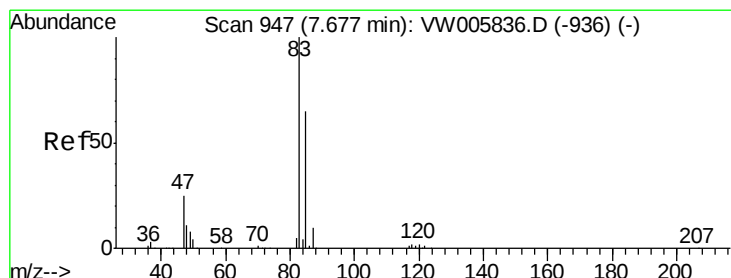
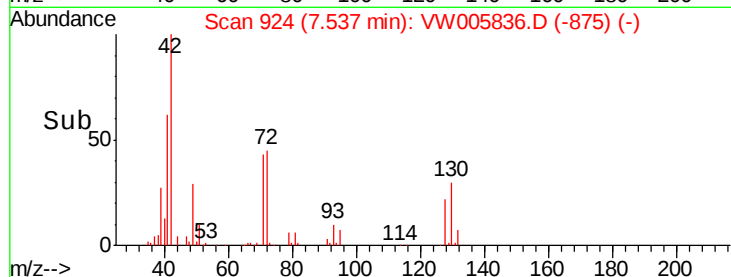
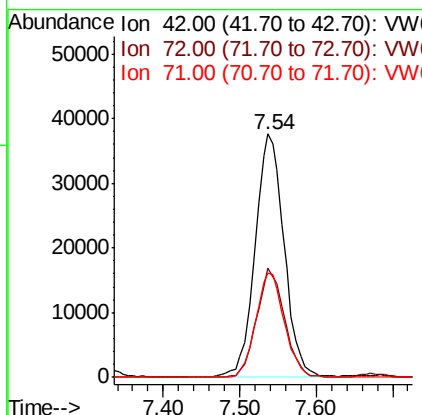
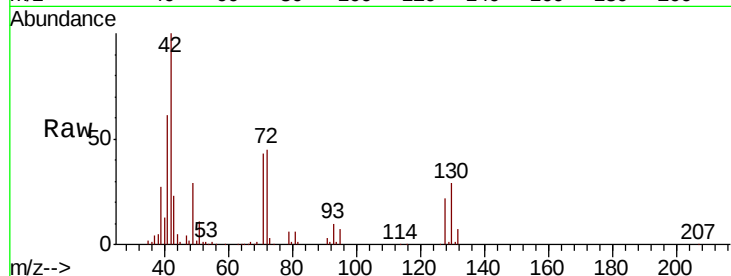
#29
Tetrahydrofuran
Concen: 269.443 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW005836.D
Acq: 04 Oct 2018 04:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.2	34.6	51.8
71	42.0	33.6	50.4

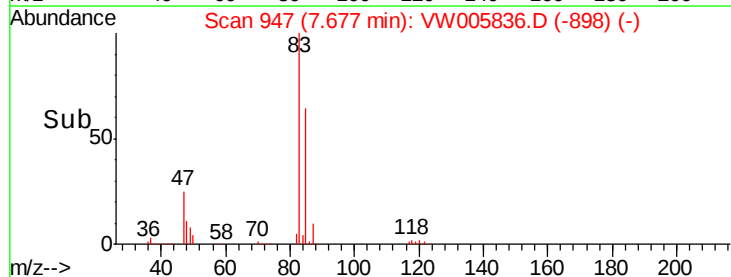
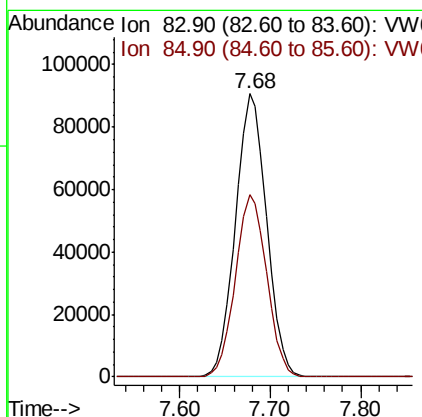
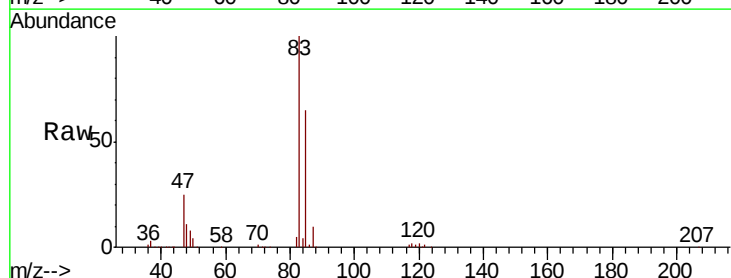
Manual Integrations
APPROVED

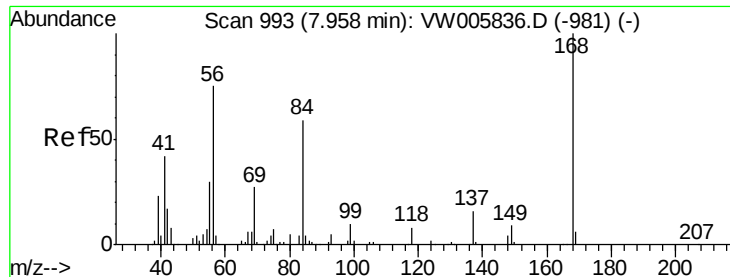
apatel
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#30
Chloroform
Concen: 53.393 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW005836.D
Acq: 04 Oct 2018 04:29

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.6	77.4





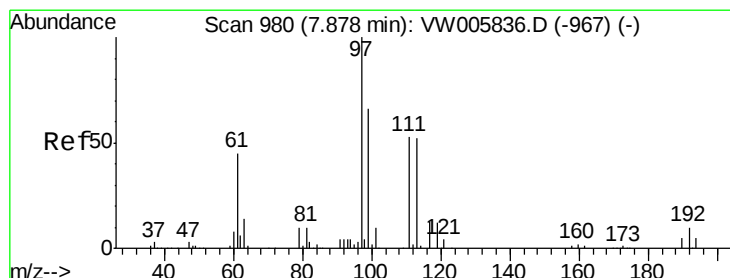
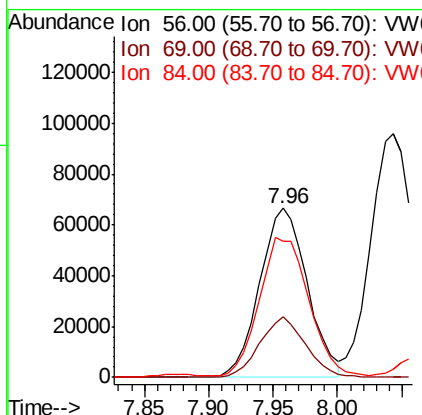
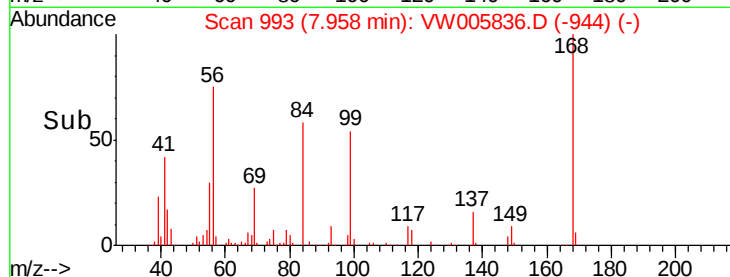
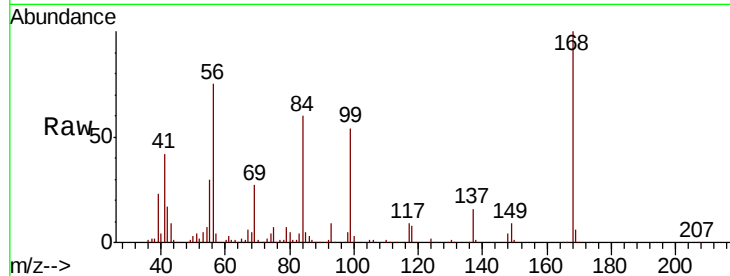
#31
Cyclohexane
Concen: 46.044 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW005836.D
Acq: 04 Oct 2018 04:29

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.2	29.0	43.4
84	79.4	63.5	95.3

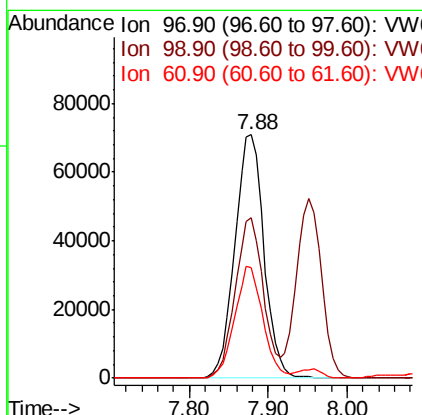
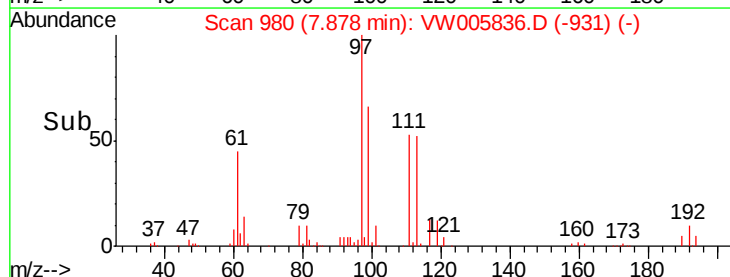
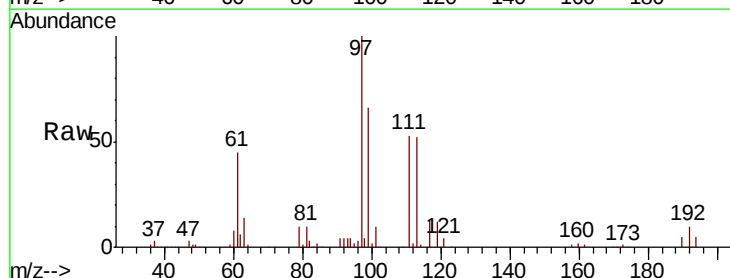
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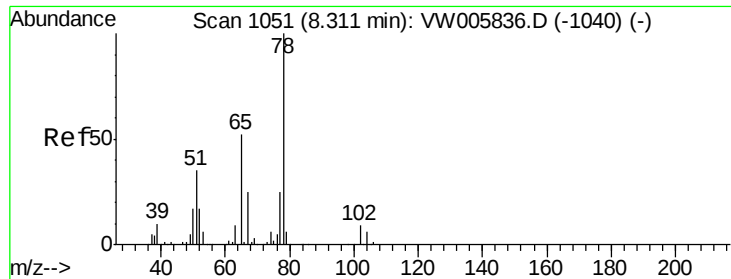
apatel
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#32
1,1,1-Trichloroethane
Concen: 51.075 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.00 min
Lab File: VW005836.D
Acq: 04 Oct 2018 04:29

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.2	76.8
61	44.4	35.5	53.3





#33

1,2-Dichloroethane-d4

Concen: 52.117 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW005836.D

Acq: 04 Oct 2018 04:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 65 Resp: 125473

Ion Ratio Lower Upper

65 100

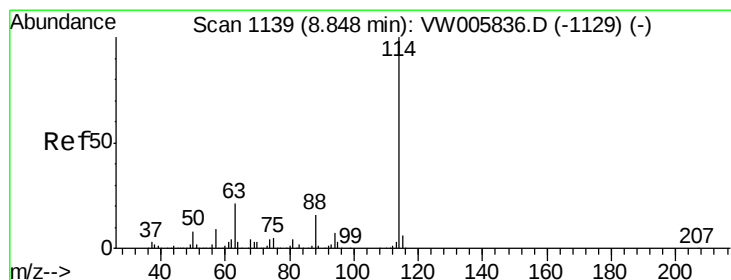
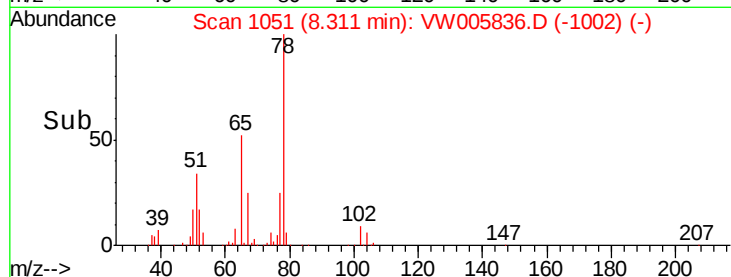
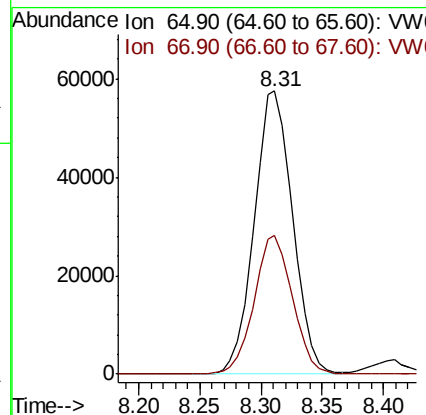
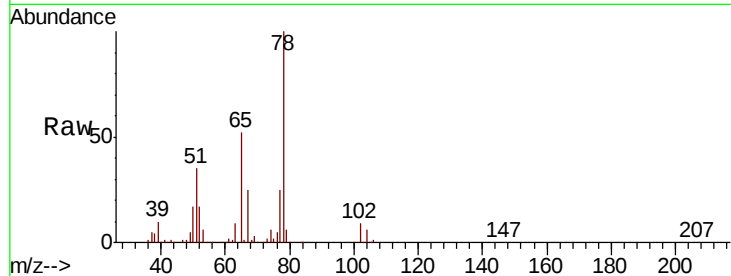
67 49.0 0.0 98.0

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW005836.D

Acq: 04 Oct 2018 04:29

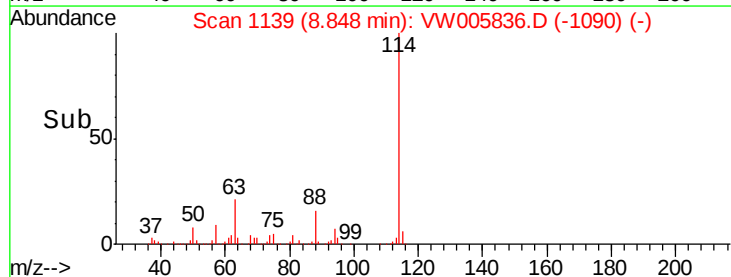
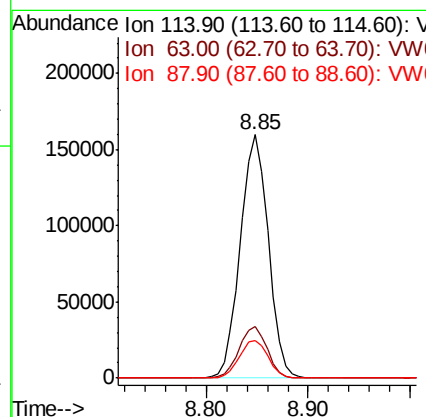
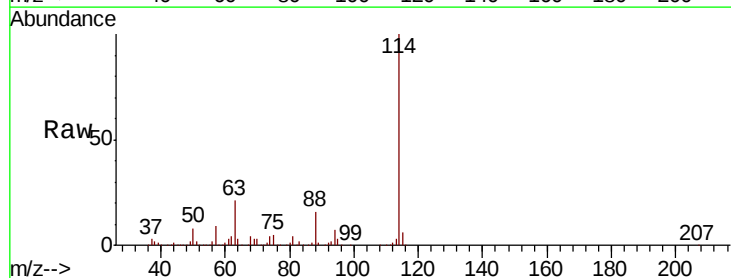
Tgt Ion: 114 Resp: 304452

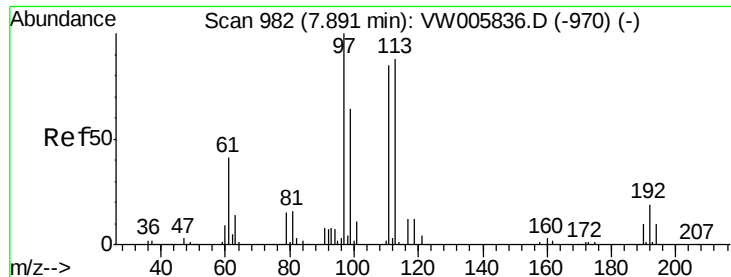
Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.0

88 15.6 0.0 31.2





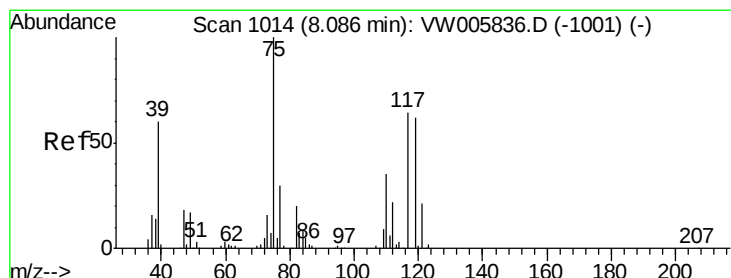
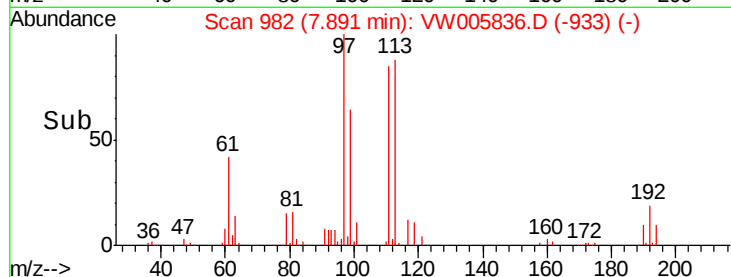
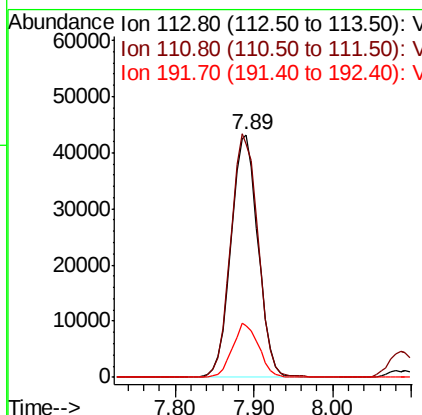
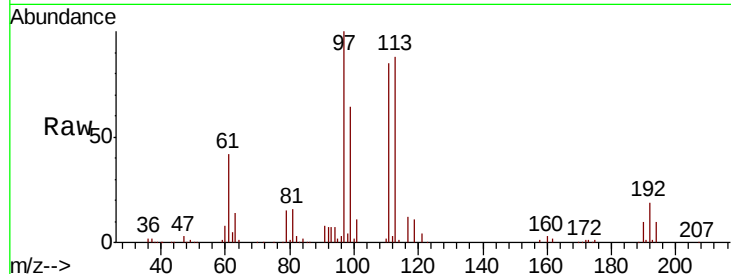
#35
 Dibromofluoromethane
 Concen: 53.212 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW005836.D
 Acq: 04 Oct 2018 04:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.4	122.2
192	21.6	17.3	25.9

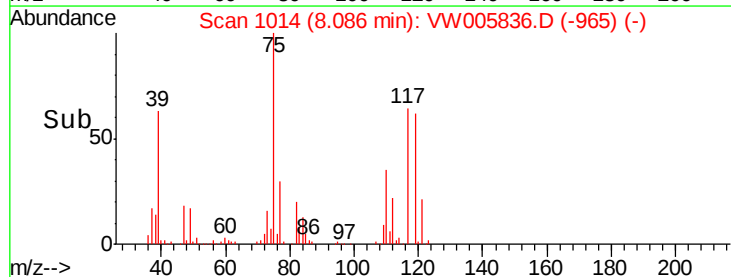
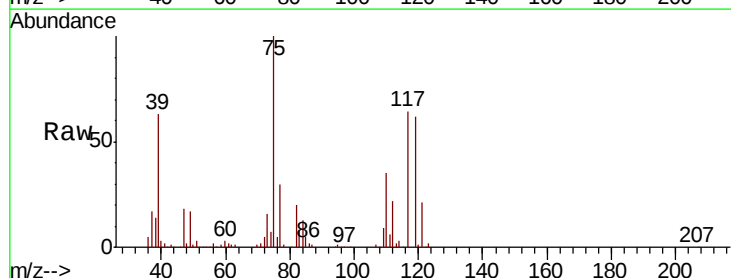
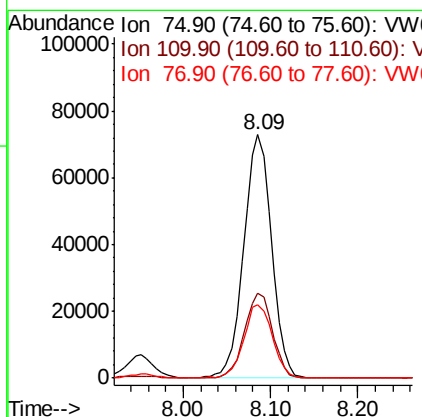
Manual Integrations
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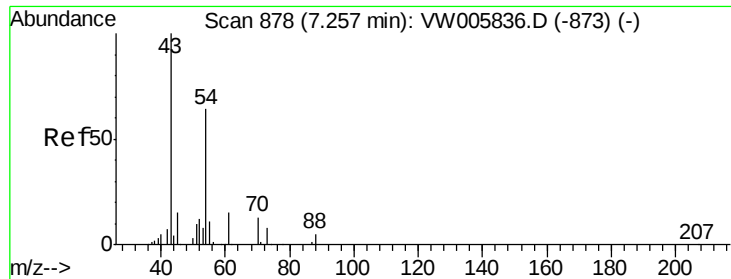
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#36
 1,1-Dichloropropene
 Concen: 52.069 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW005836.D
 Acq: 04 Oct 2018 04:29

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.1	17.5	52.6
77	31.0	24.8	37.2





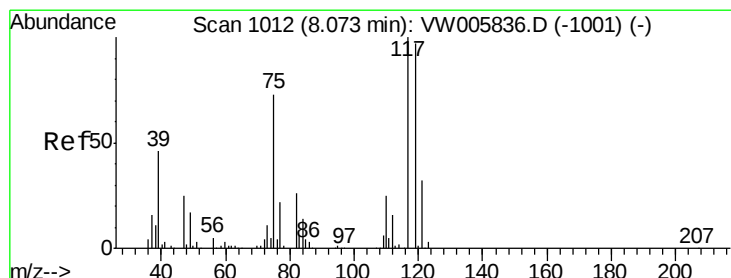
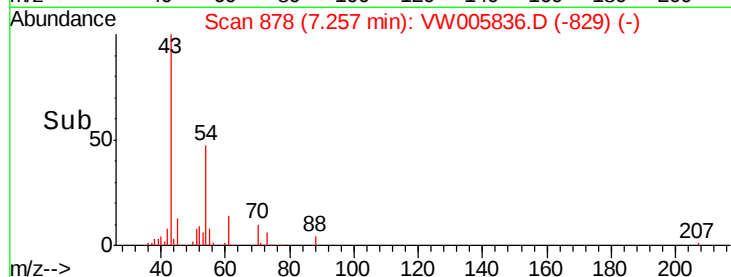
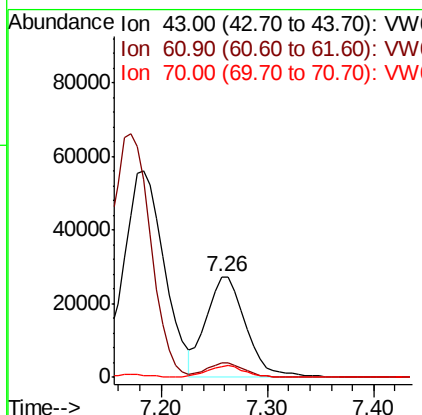
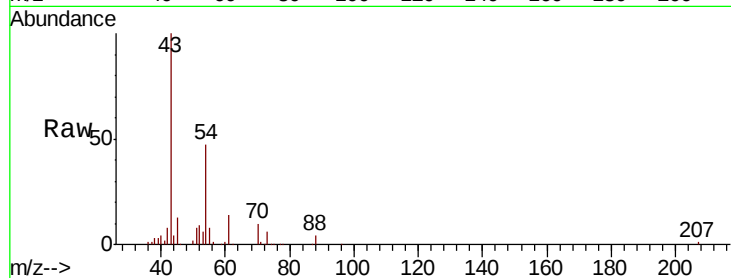
#37
Ethyl Acetate
Concen: 53.295 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW005836.D
Acq: 04 Oct 2018 04:29

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.2	16.8
70	10.8	8.6	13.0

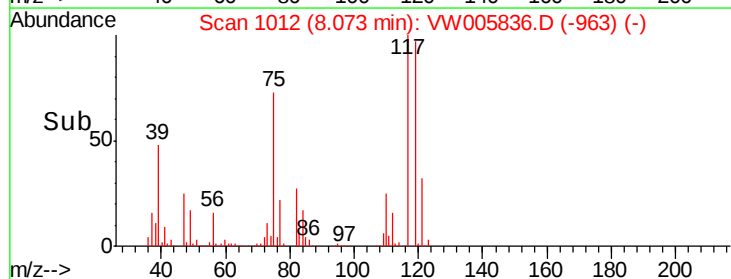
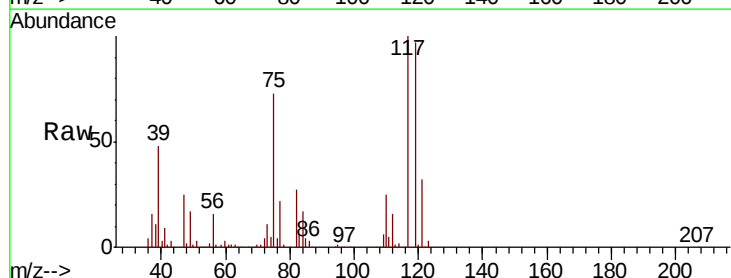
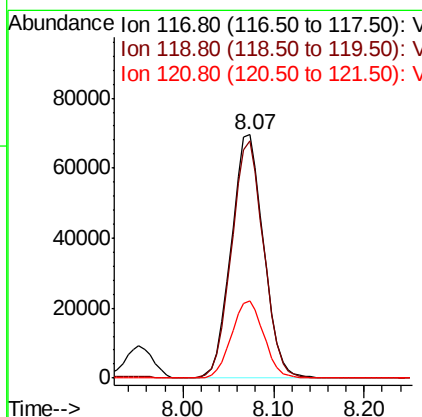
Manual Integrations
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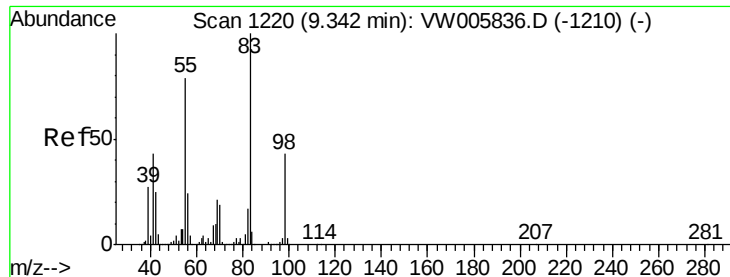
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#38
Carbon Tetrachloride
Concen: 51.933 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW005836.D
Acq: 04 Oct 2018 04:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.4	77.9	116.9
121	31.5	25.2	37.8





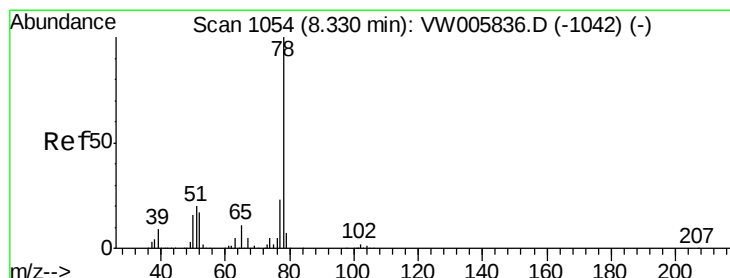
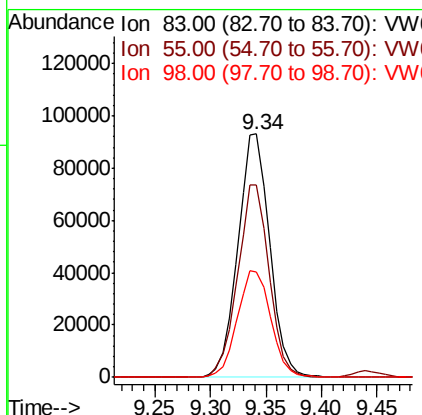
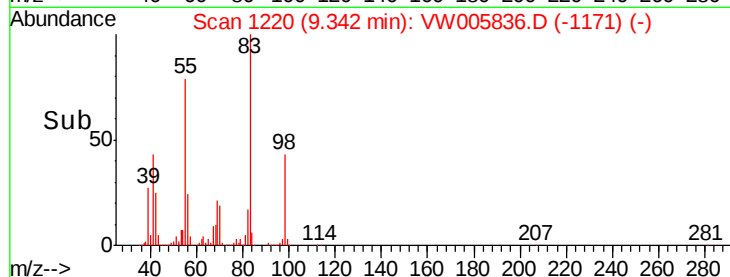
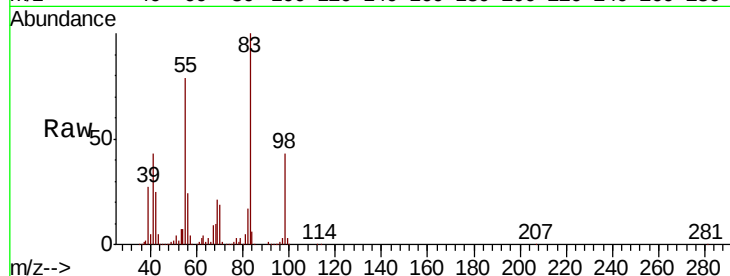
#39
Methvlcvclohexane
Concen: 50.895 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW005836.D
Acq: 04 Oct 2018 04:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.7	63.0	94.4
98	43.1	34.5	51.7

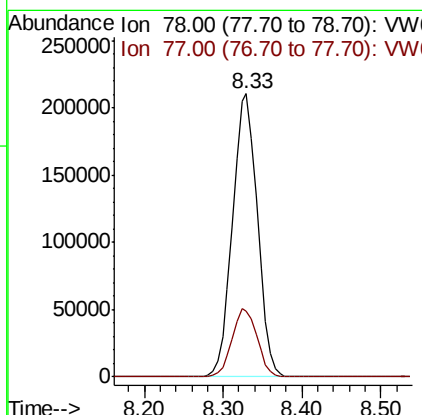
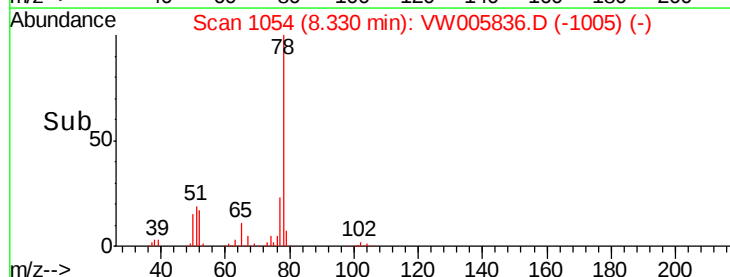
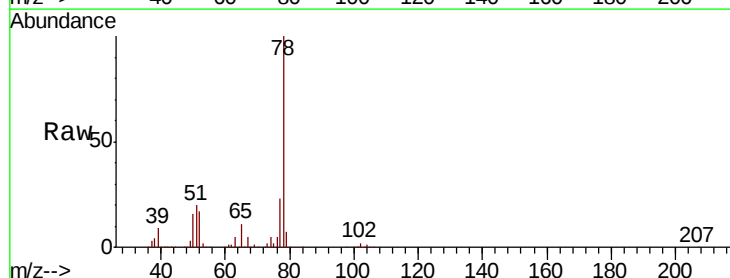
Manual Integrations
APPROVED

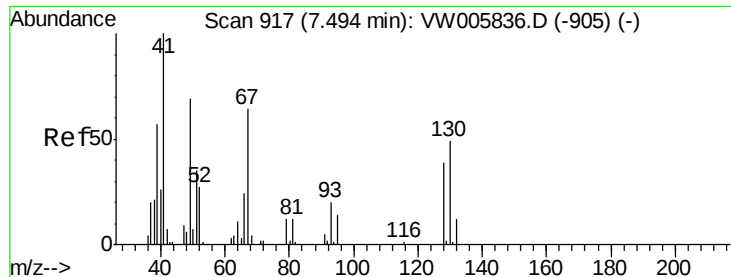
apatel
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#40
Benzene
Concen: 52.728 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW005836.D
Acq: 04 Oct 2018 04:29

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.6	28.0





#41

Methacrylonitrile

Concen: 58.875 ug/l

RT: 7.49 min Scan# 917

Delta R.T. 0.00 min

Lab File: VW005836.D

Acq: 04 Oct 2018 04:29

Instrument :

MSVOA_W

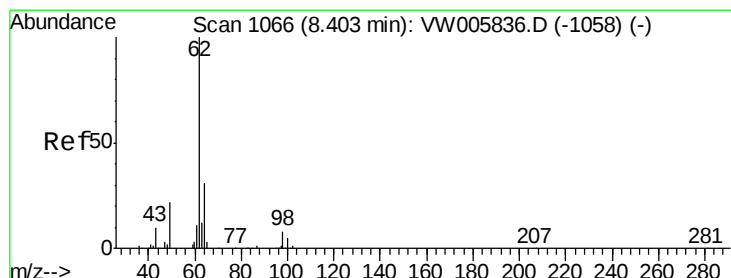
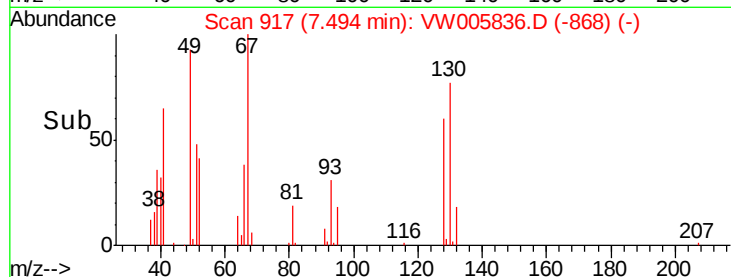
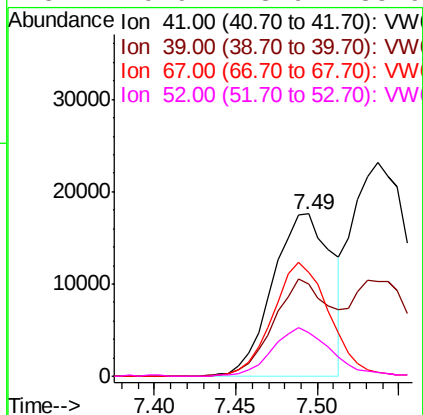
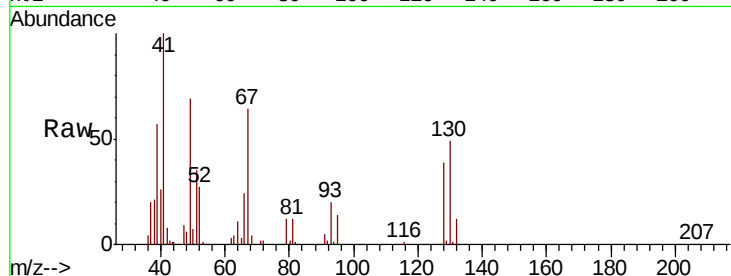
ClientSampleId :

VSTDICCC050

Tot Ion:	41	Resp:	44540
Ion	Ratio	Lower	Upper
41	100		
39	57.0	45.6	68.4
67	67.0	53.6	80.4
52	29.9	23.9	35.9

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 55.611 ug/l

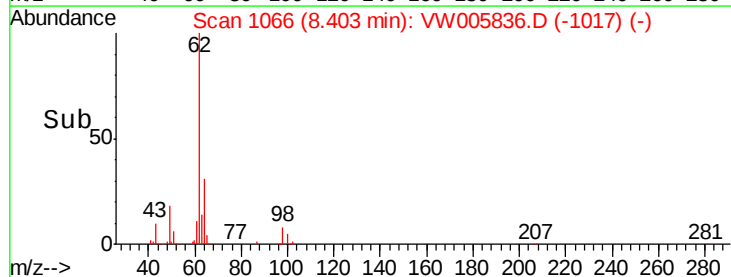
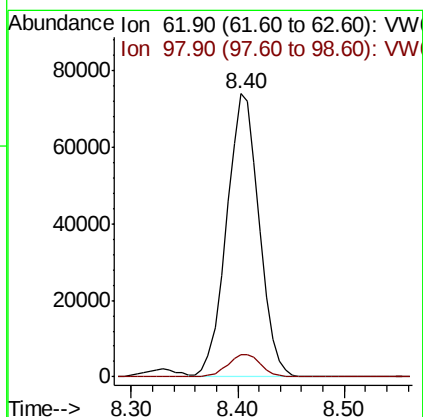
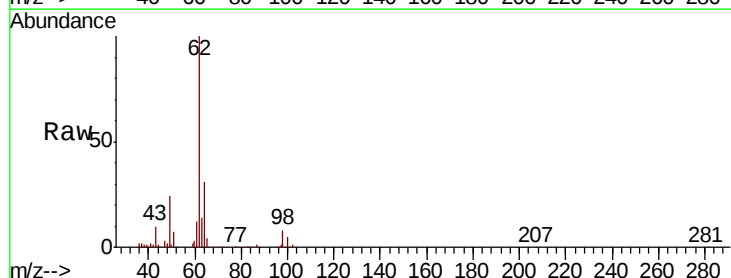
RT: 8.40 min Scan# 1066

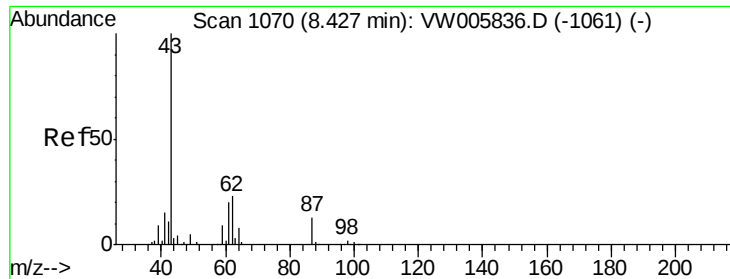
Delta R.T. 0.00 min

Lab File: VW005836.D

Acq: 04 Oct 2018 04:29

Tgt Ion:	62	Resp:	158085
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	16.2





#43

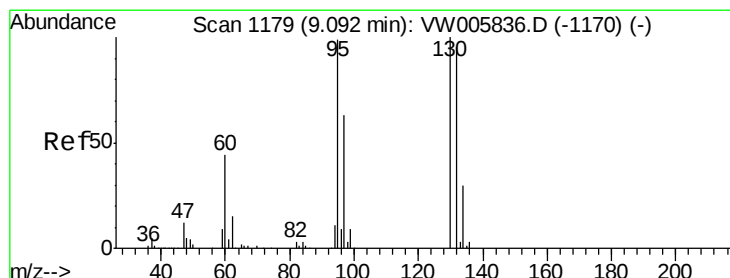
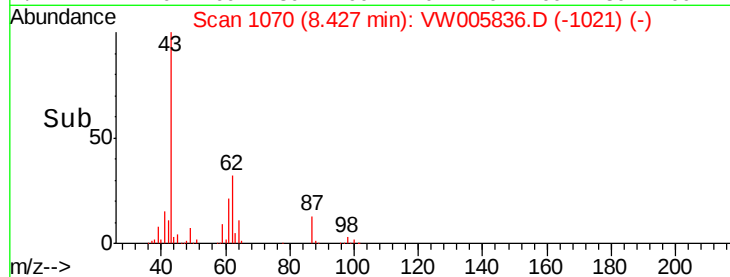
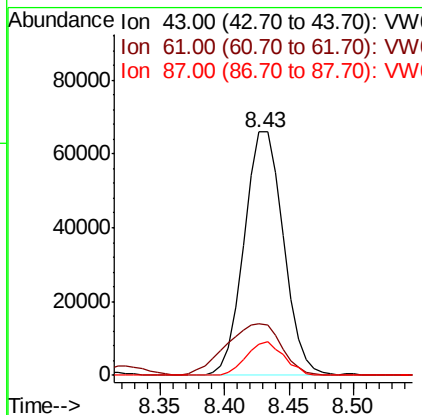
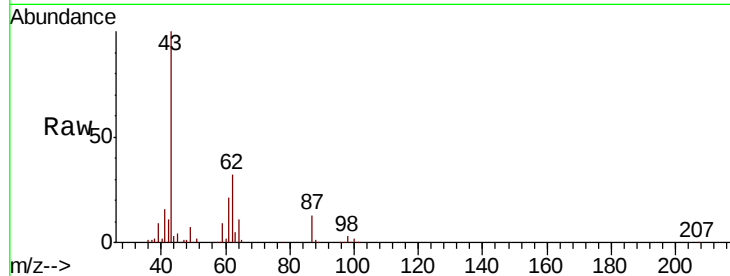
Isopropyl Acetate
 Concen: 53.749 ug/l
 RT: 8.43 min Scan# 1070
 Delta R.T. 0.00 min
 Lab File: VW005836.D
 Acq: 04 Oct 2018 04:29

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDICCC050

Tot Ion	43	Resp	138968
Ion Ratio	100	Lower	Upper
43	100		
61	30.1	24.1	36.1
87	13.3	10.6	16.0

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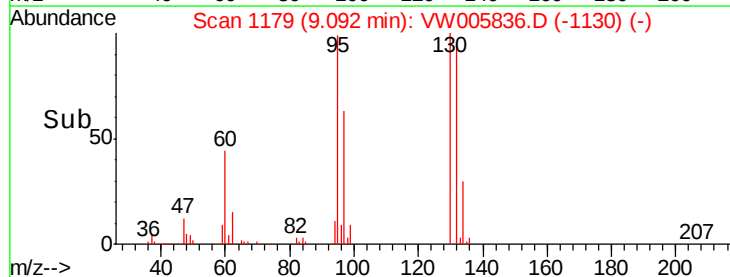
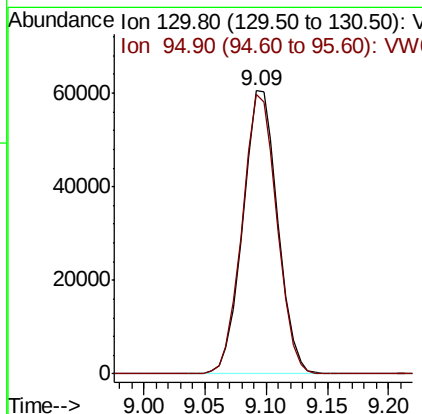
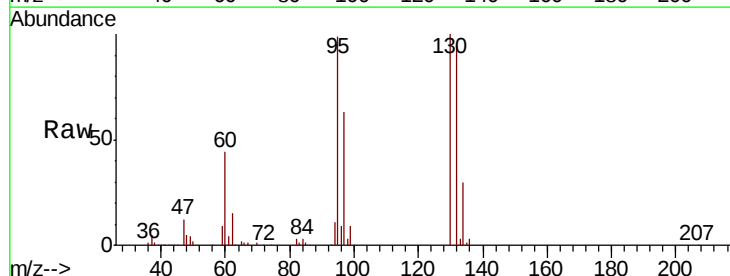
apatel
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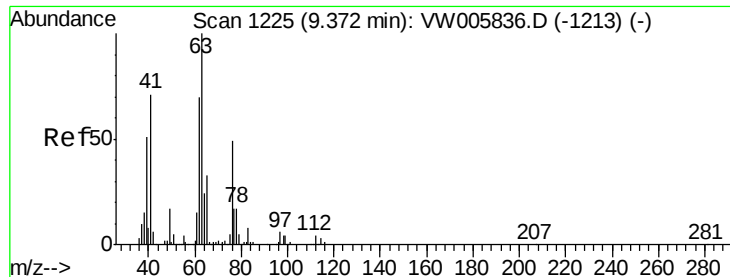


#44

Trichloroethene
 Concen: 53.103 ug/l
 RT: 9.09 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: VW005836.D
 Acq: 04 Oct 2018 04:29

Tgt Ion	130	Resp	119669
Ion Ratio	100	Lower	Upper
130	100		
95	98.8	0.0	197.6





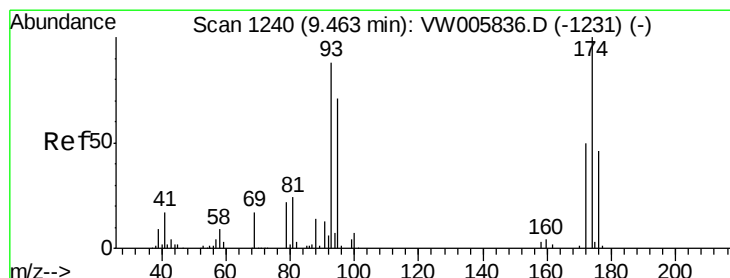
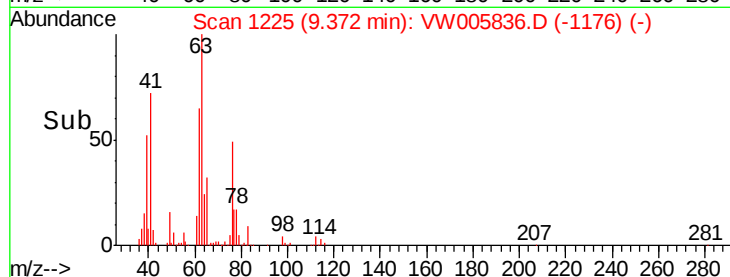
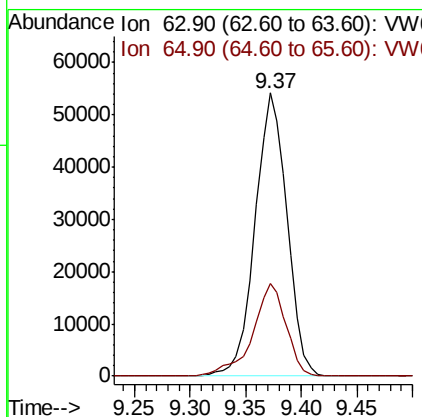
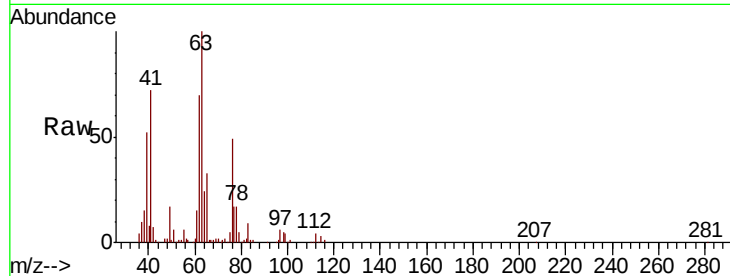
#45
 1,2-Dichloropropane
 Concen: 50.603 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW005836.D
 Acq: 04 Oct 2018 04:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.6	26.1	39.1

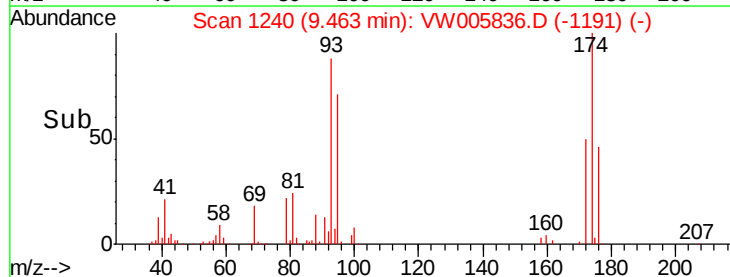
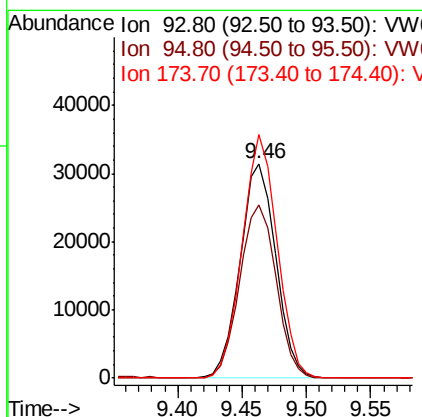
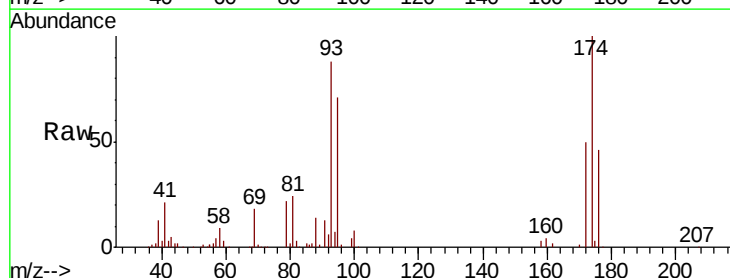
Manual Integrations
 APPROVED

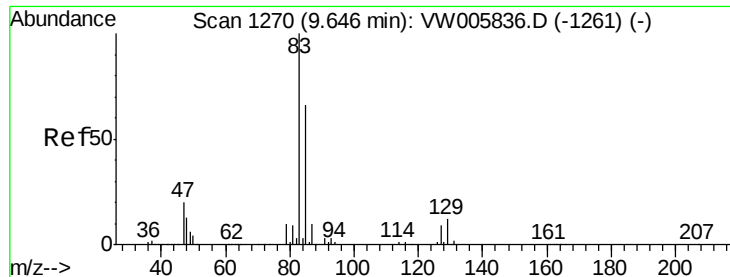
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#46
 Dibromomethane
 Concen: 55.467 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW005836.D
 Acq: 04 Oct 2018 04:29

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.4	65.9	98.9
174	110.5	88.4	132.6





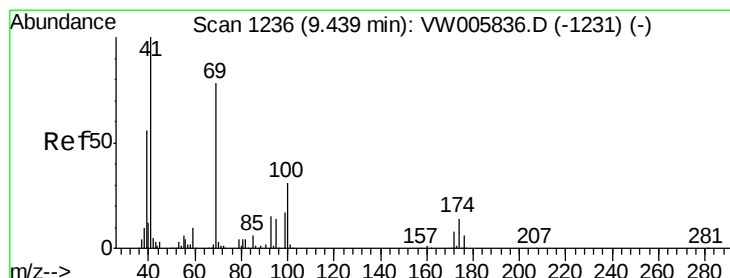
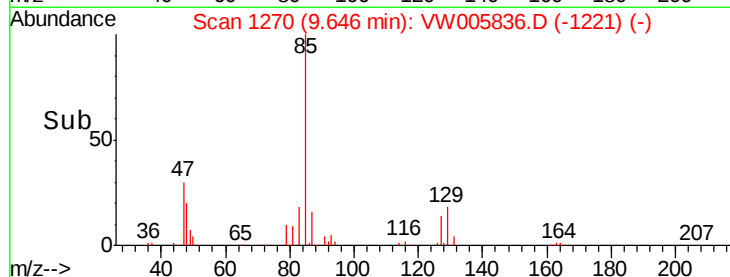
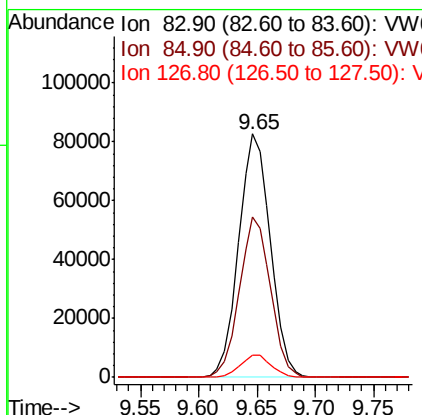
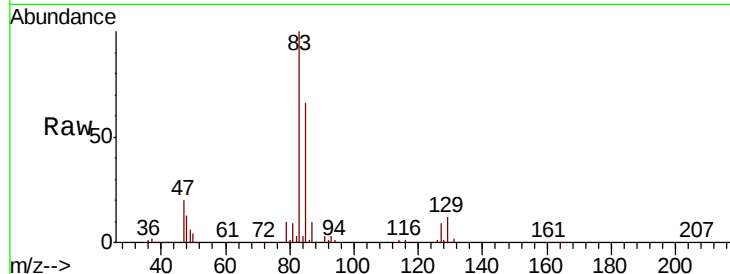
#47
 Bromodichloromethane
 Concen: 54.011 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VW005836.D
 Acq: 04 Oct 2018 04:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	156892		
85	65.7	52.6	78.8	
127	9.2	7.4	11.0	

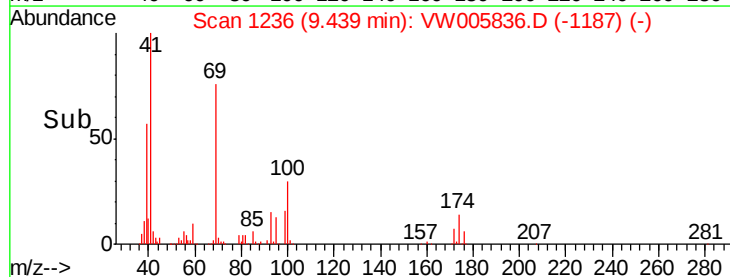
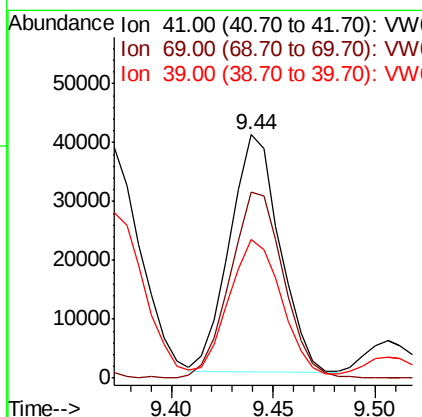
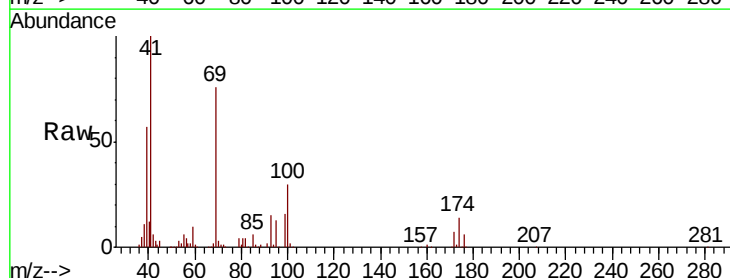
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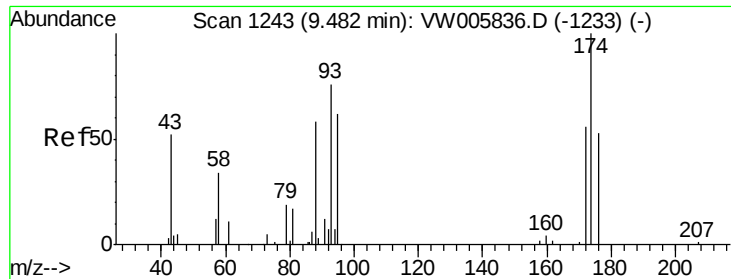
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#48
 Methyl methacrylate
 Concen: 56.079 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VW005836.D
 Acq: 04 Oct 2018 04:29

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	68959		
69	83.0	66.4	99.6	
39	62.6	50.1	75.1	





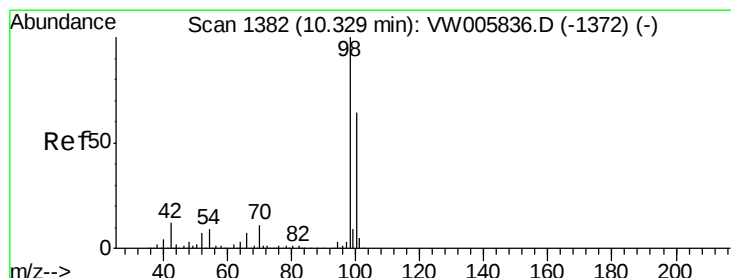
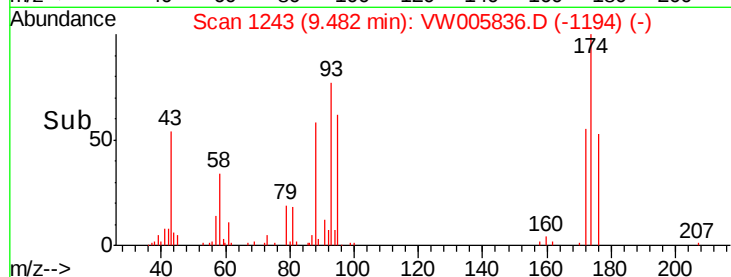
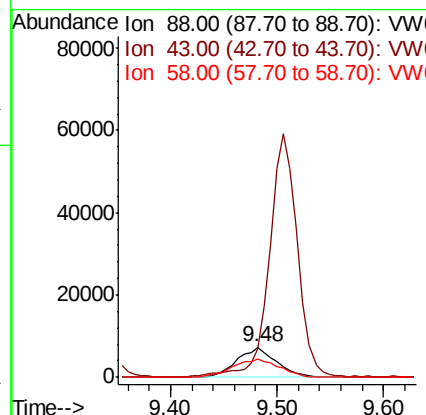
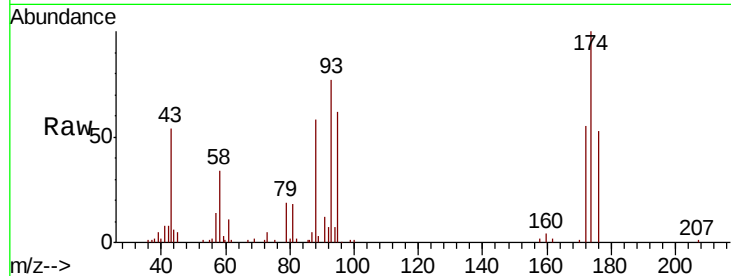
#49
1,4-Dioxane
Concen: 1091.253 ug/l
RT: 9.48 min Scan# 1243
Delta R.T. 0.00 min
Lab File: VW005836.D
Acq: 04 Oct 2018 04:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	72.6	58.1	87.1

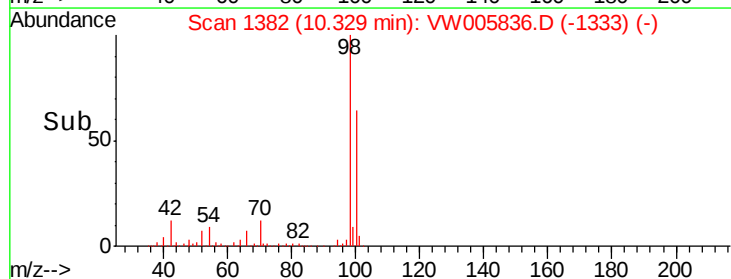
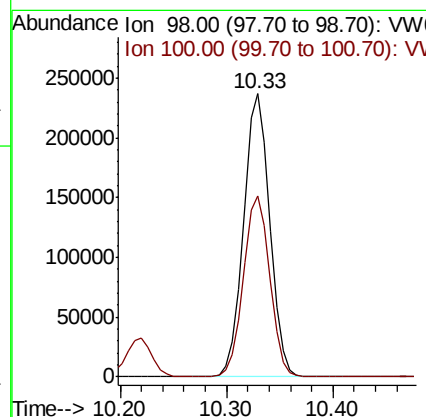
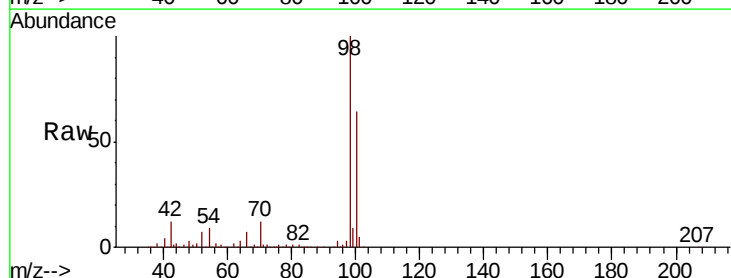
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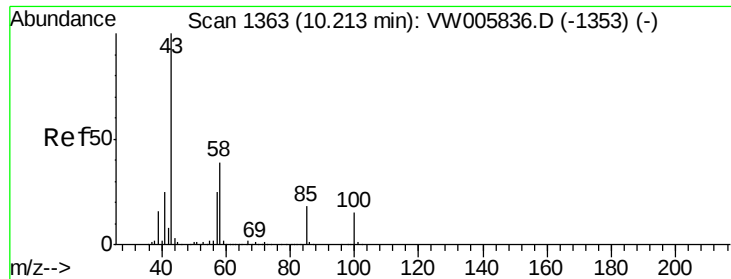
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#50
Toluene-d8
Concen: 52.396 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW005836.D
Acq: 04 Oct 2018 04:29

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 277.501 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW005836.D

Acq: 04 Oct 2018 04:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 362591

Ion Ratio Lower Upper

43 100

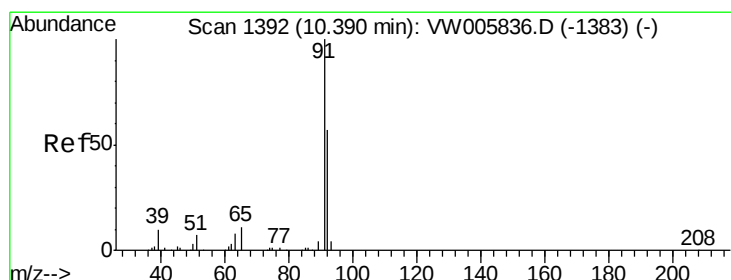
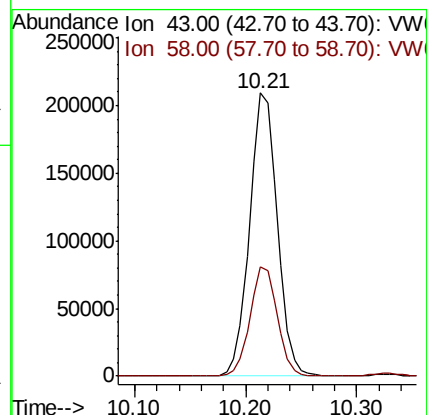
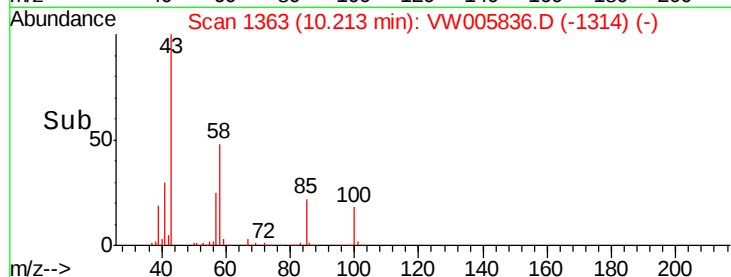
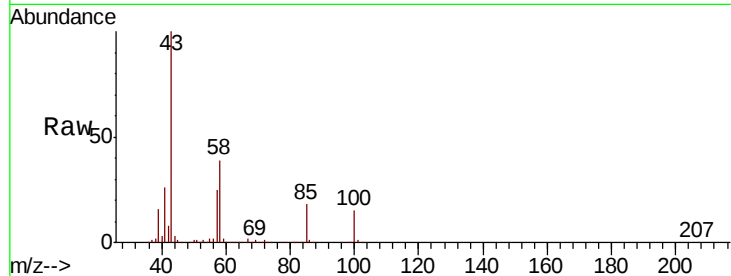
58 38.2 30.6 45.8

Manual Integrations

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#52

Toluene

Concen: 54.186 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW005836.D

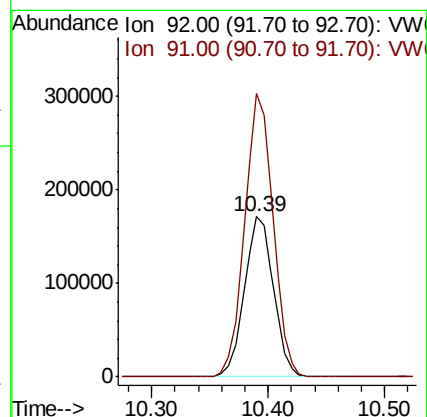
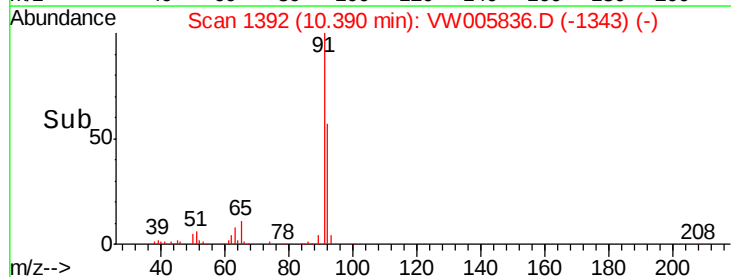
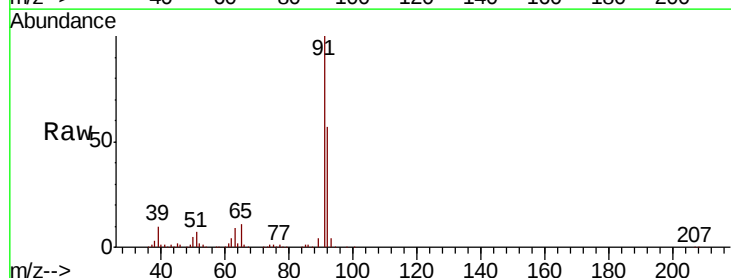
Acq: 04 Oct 2018 04:29

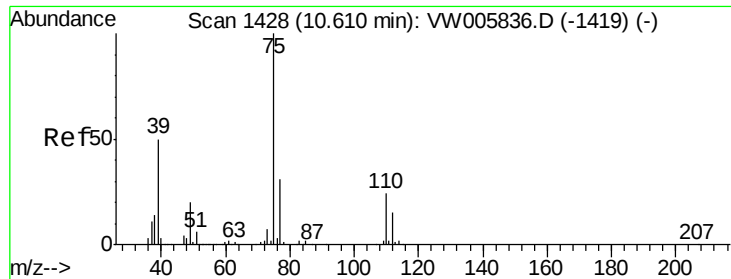
Tgt Ion: 92 Resp: 297344

Ion Ratio Lower Upper

92 100

91 173.7 139.0 208.4





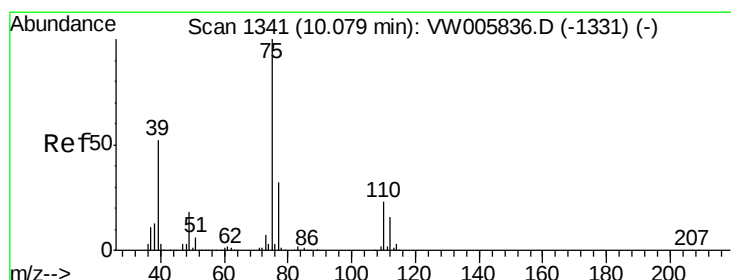
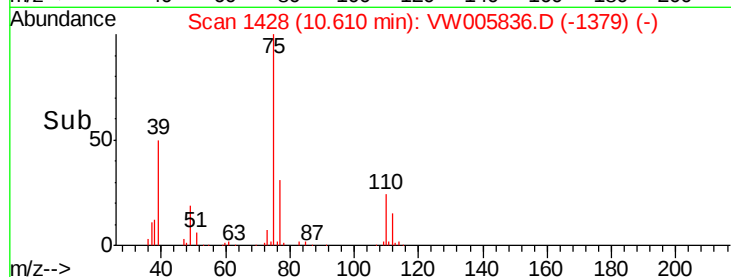
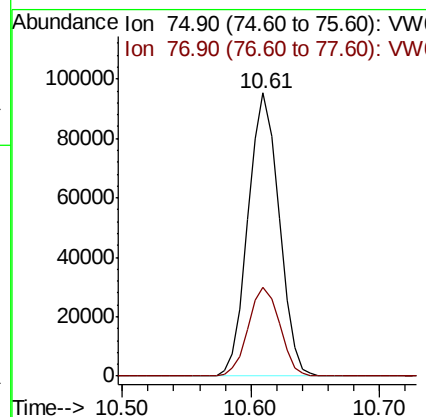
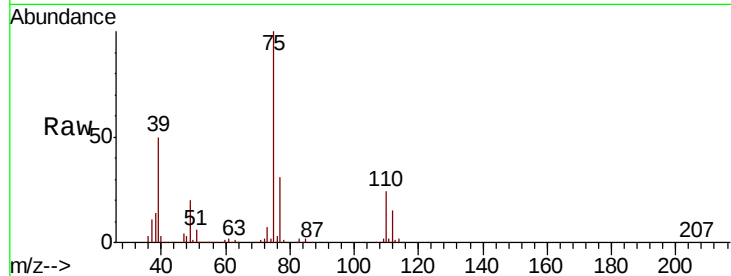
#53
 t-1,3-Dichloropropene
 Concen: 54.442 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: VW005836.D
 Acq: 04 Oct 2018 04:29

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.0	37.4

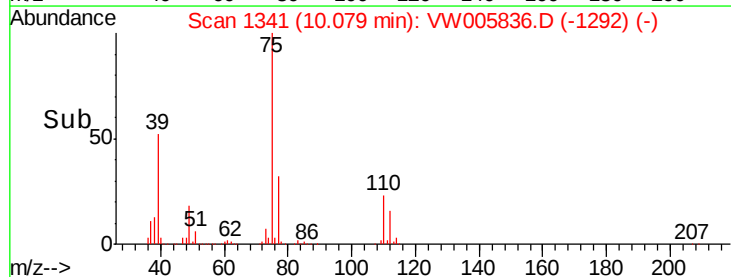
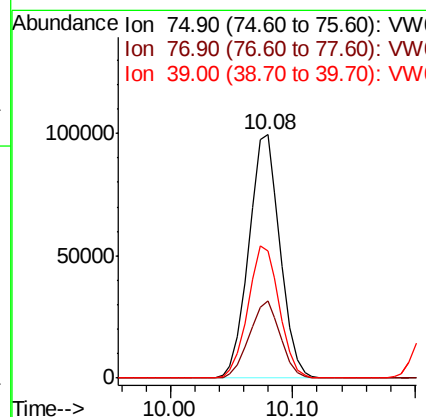
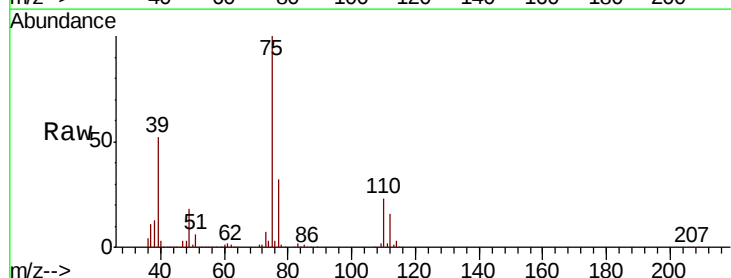
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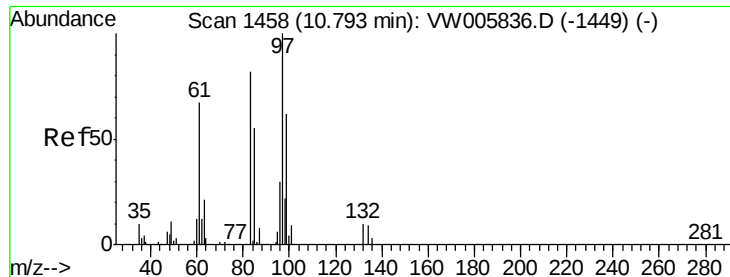
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#54
 cis-1,3-Dichloropropene
 Concen: 54.282 ug/l
 RT: 10.08 min Scan# 1341
 Delta R.T. 0.00 min
 Lab File: VW005836.D
 Acq: 04 Oct 2018 04:29

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.4	38.2
39	52.4	41.9	62.9





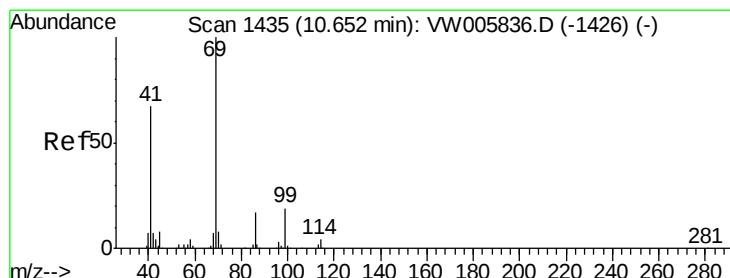
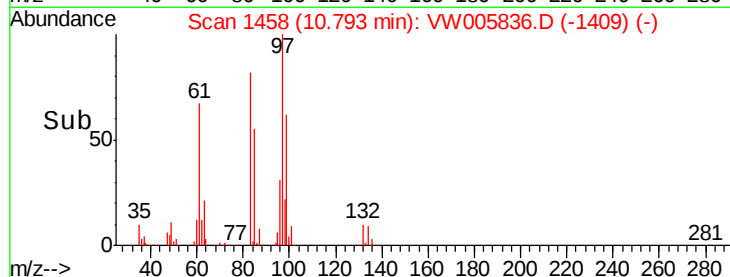
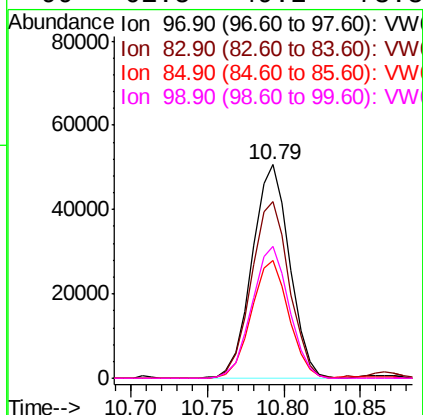
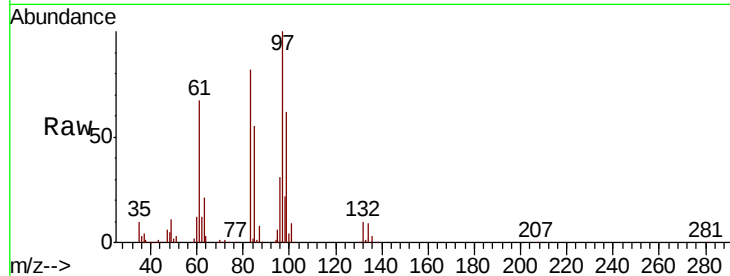
#55
 1,1,2-Trichloroethane
 Concen: 55.674 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW005836.D
 Acq: 04 Oct 2018 04:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		86351		
83	82.4	65.9	98.9		
85	55.2	44.2	66.2		
99	61.5	49.2	73.8		

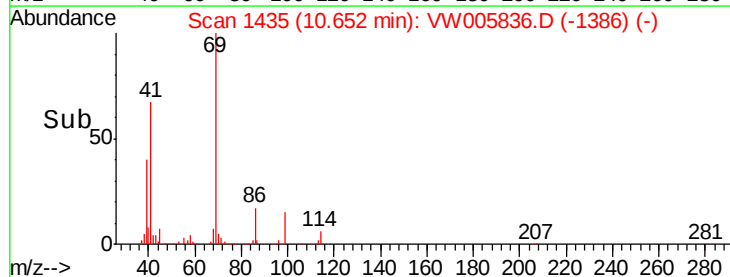
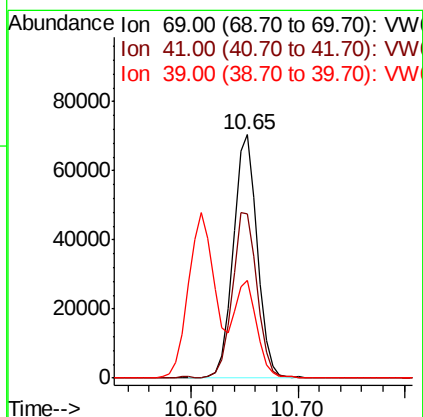
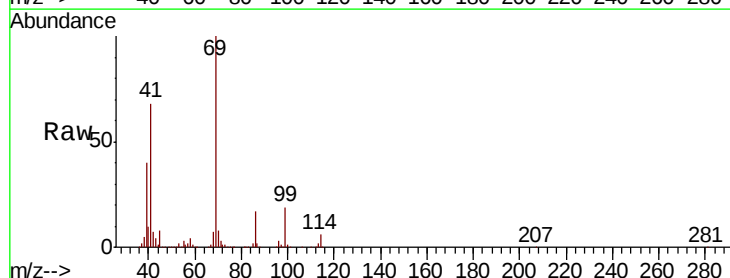
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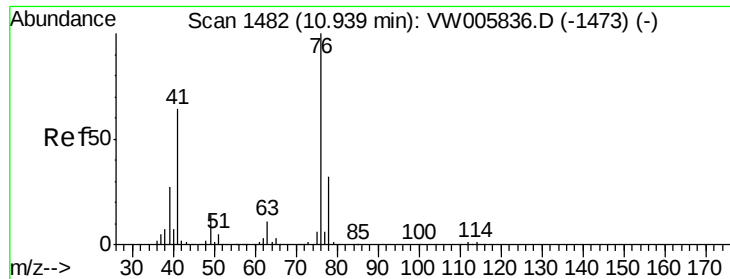
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#56
 Ethyl methacrylate
 Concen: 58.127 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: VW005836.D
 Acq: 04 Oct 2018 04:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		111209		
41	69.7	55.8	83.6		
39	36.6	29.3	43.9		





#57

1,3-Dichloropropane

Concen: 54.410 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VW005836.D

Acq: 04 Oct 2018 04:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 76 Resp: 148792

Ion Ratio Lower Upper

76 100

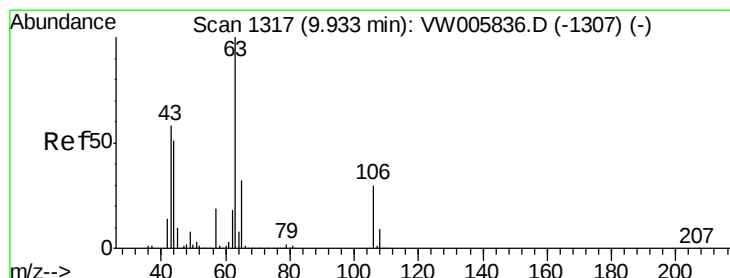
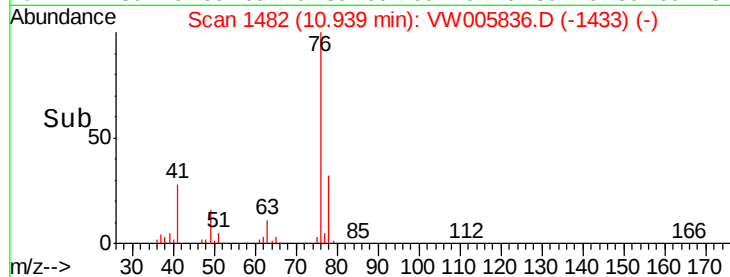
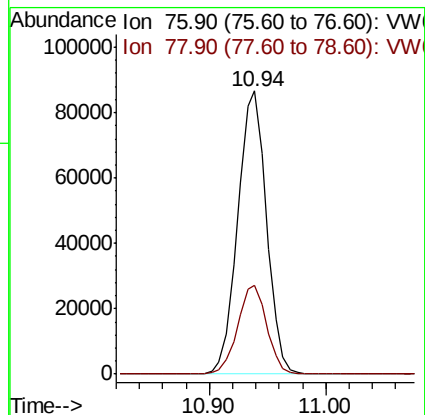
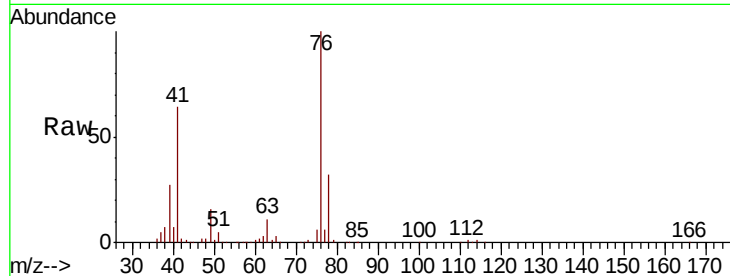
78 31.7 25.4 38.0

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#58

2-Chloroethyl Vinyl ether

Concen: 259.923 ug/l

RT: 9.93 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VW005836.D

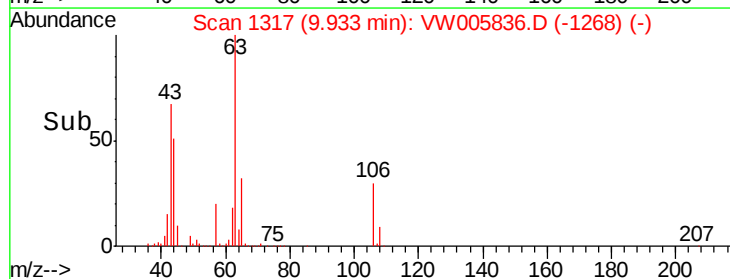
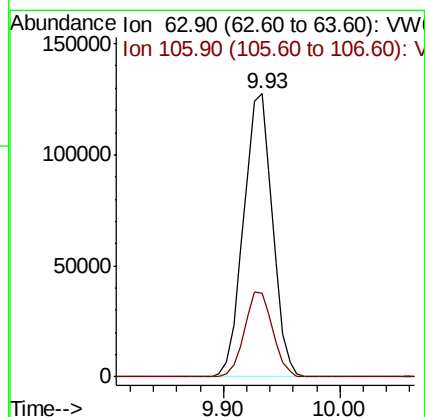
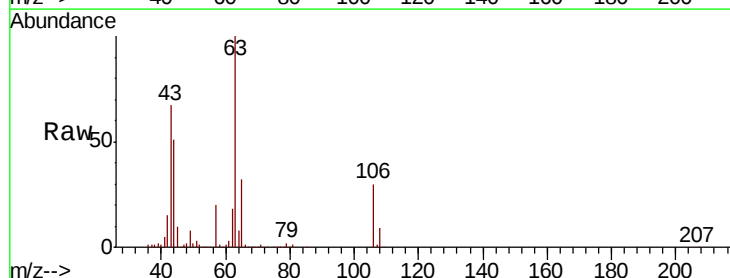
Acq: 04 Oct 2018 04:29

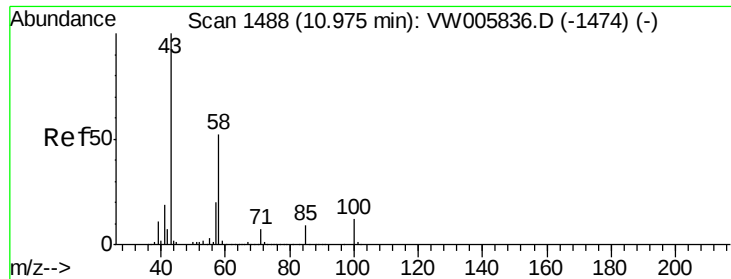
Tgt Ion: 63 Resp: 220990

Ion Ratio Lower Upper

63 100

106 29.6 23.7 35.5





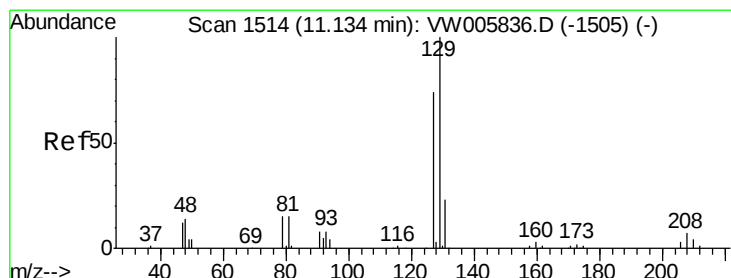
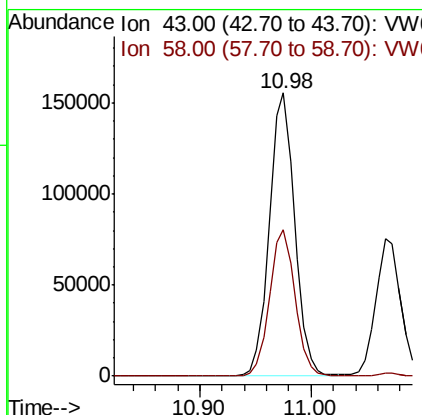
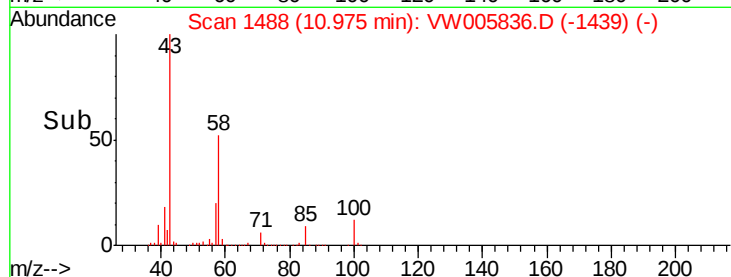
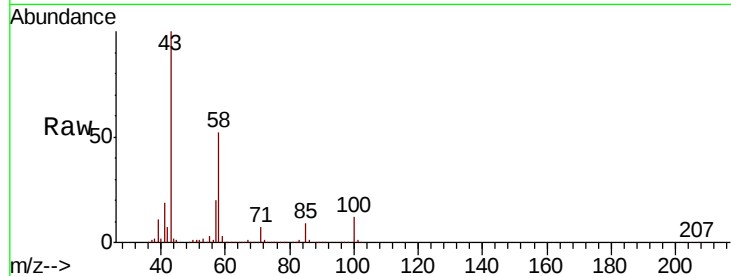
#59
2-Hexanone
Concen: 279.215 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW005836.D
Acq: 04 Oct 2018 04:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 247257
Ion Ratio Lower Upper
43 100
58 51.8 25.9 77.7

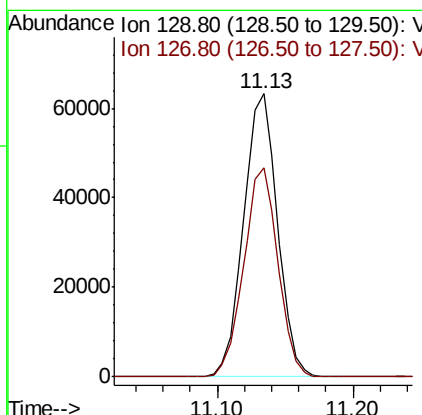
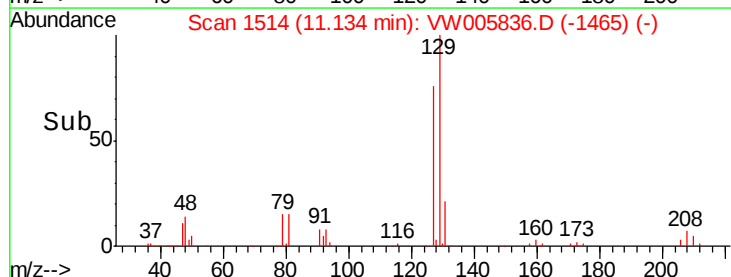
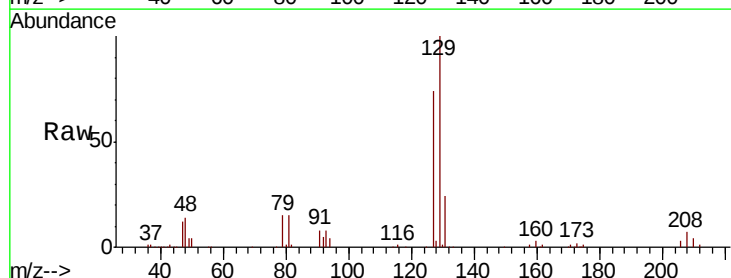
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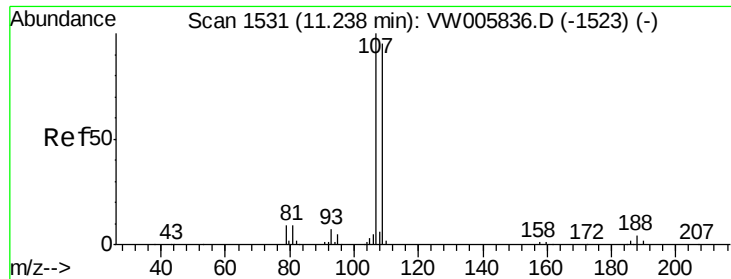
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#60
Dibromochloromethane
Concen: 58.447 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW005836.D
Acq: 04 Oct 2018 04:29

Tgt Ion: 129 Resp: 110404
Ion Ratio Lower Upper
129 100
127 74.4 37.2 111.6





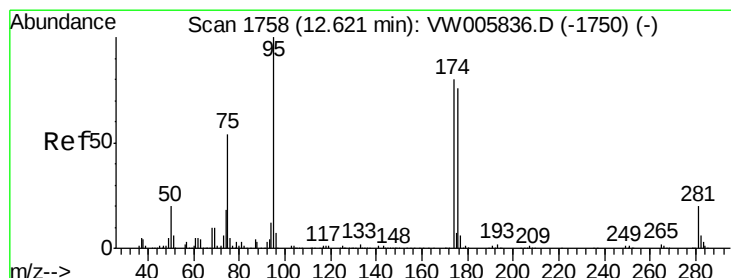
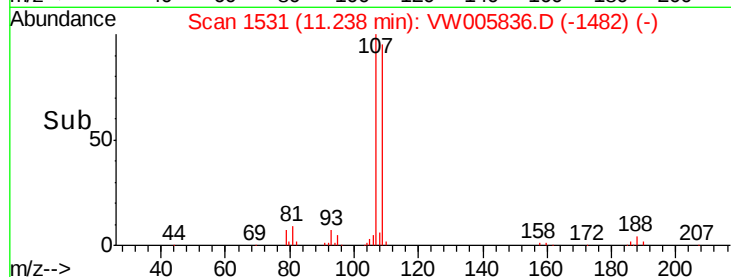
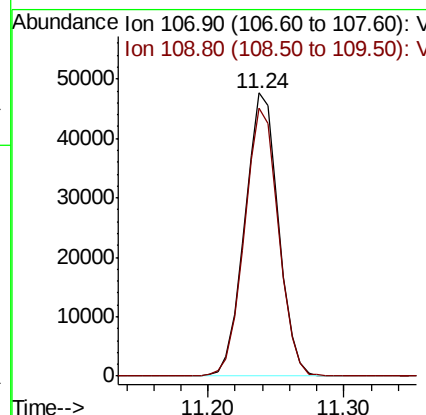
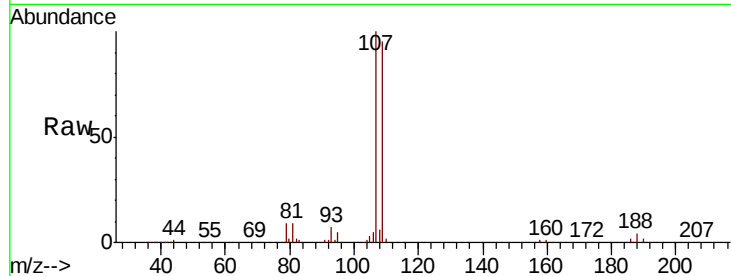
#61
 1,2-Dibromoethane
 Concen: 56.812 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW005836.D
 Acq: 04 Oct 2018 04:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.7	76.6	114.8

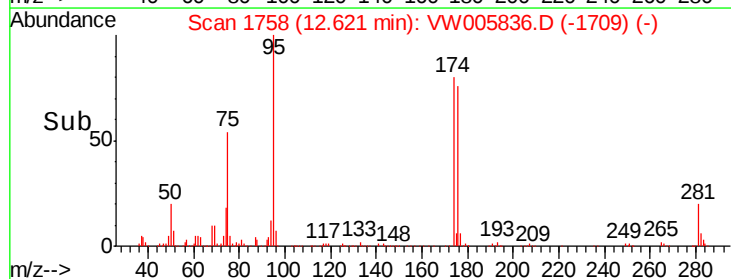
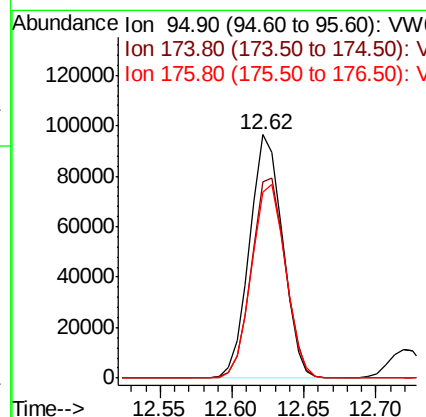
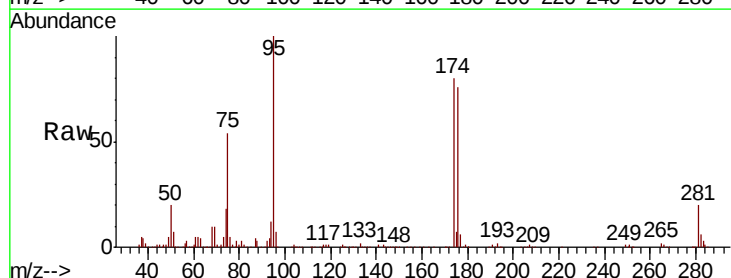
Manual Integrations
 APPROVED

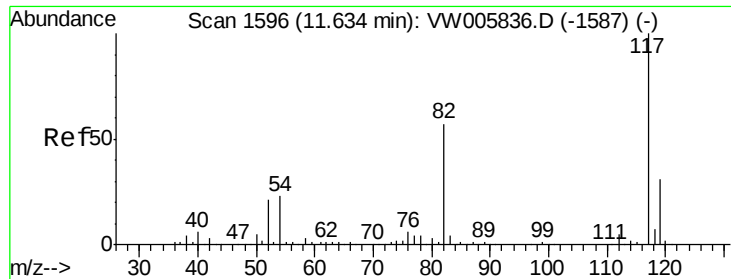
apatel
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#62
 4-Bromofluorobenzene
 Concen: 52.803 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW005836.D
 Acq: 04 Oct 2018 04:29

Tgt Ion	Ratio	Lower	Upper
95	100		
174	84.5	0.0	169.0
176	82.1	0.0	164.2





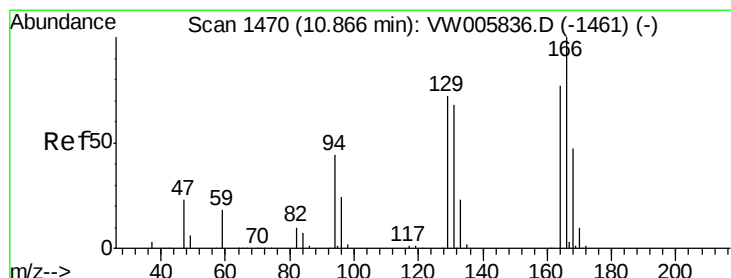
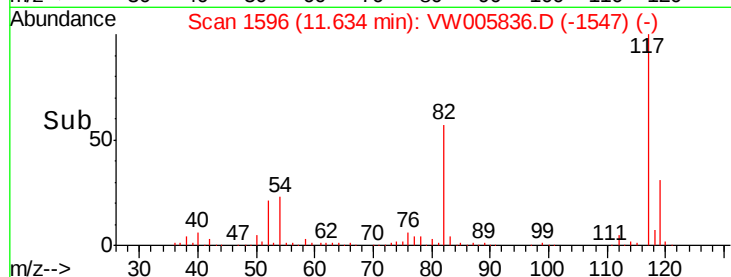
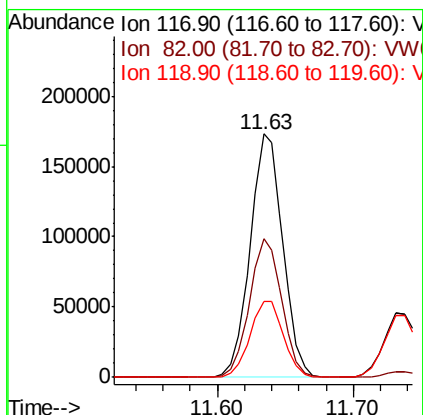
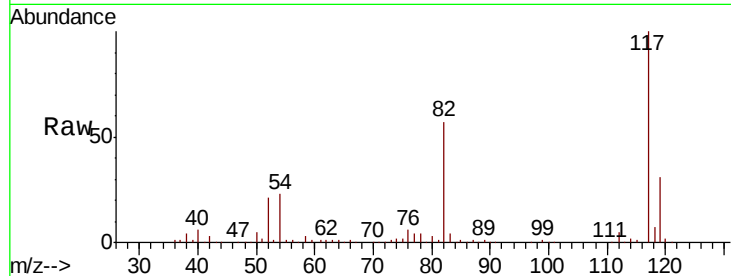
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW005836.D
Acq: 04 Oct 2018 04:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.0	45.6	68.4
119	31.3	25.0	37.6

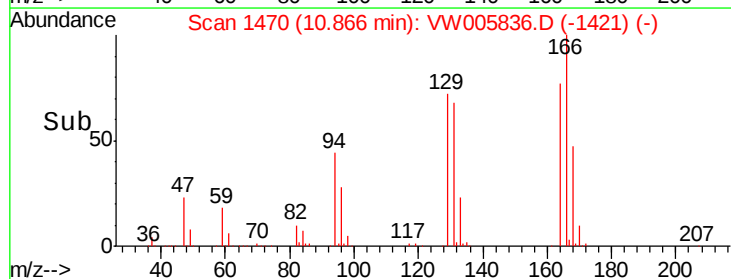
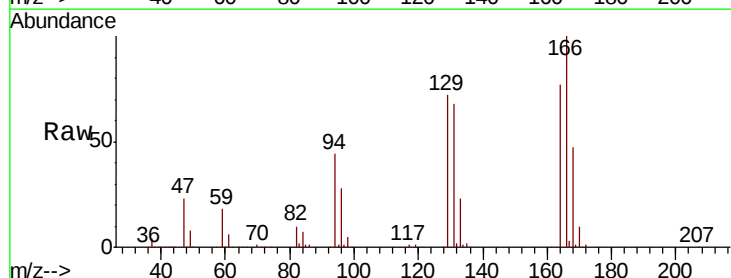
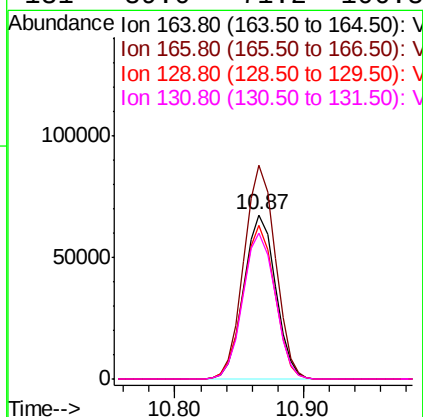
Manual Integrations
APPROVED

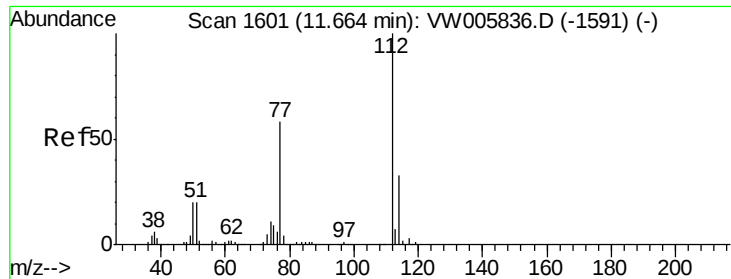
apatel
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#64
Tetrachloroethene
Concen: 54.583 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW005836.D
Acq: 04 Oct 2018 04:29

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.0	104.0	156.0
129	93.5	74.8	112.2
131	89.0	71.2	106.8





#65

Chlorobenzene

Concen: 52.588 ug/l

RT: 11.66 min Scan# 1601

Delta R.T. 0.00 min

Lab File: VW005836.D

Acq: 04 Oct 2018 04:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion:112 Resp: 327377

Ion Ratio Lower Upper

112 100

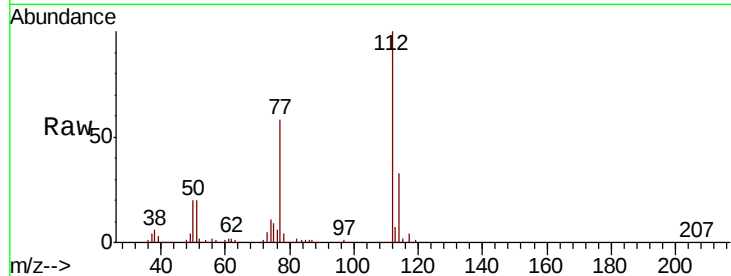
114 32.6 26.1 39.1

Manual Integrations

APPROVED

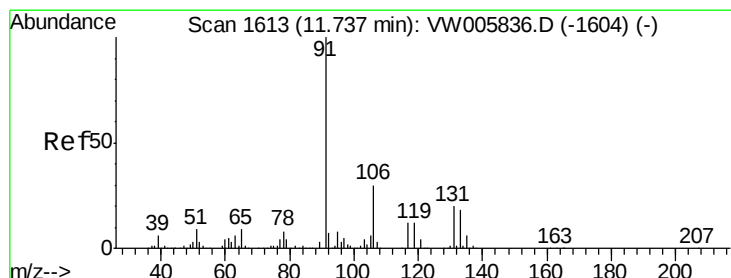
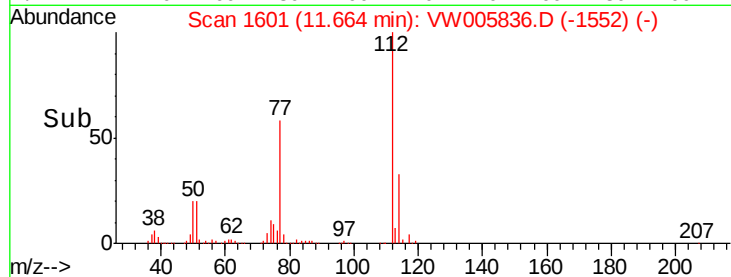
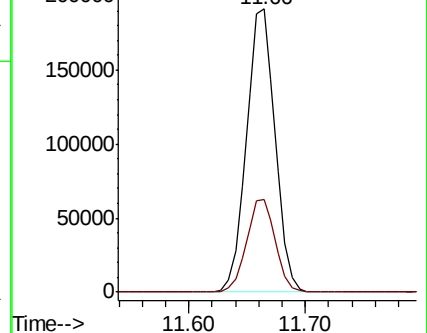
apatel

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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: 54.754 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. 0.00 min

Lab File: VW005836.D

Acq: 04 Oct 2018 04:29

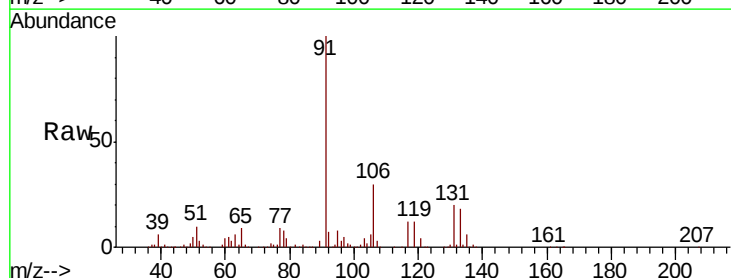
Tgt Ion:131 Resp: 123522

Ion Ratio Lower Upper

131 100

133 94.0 47.0 141.0

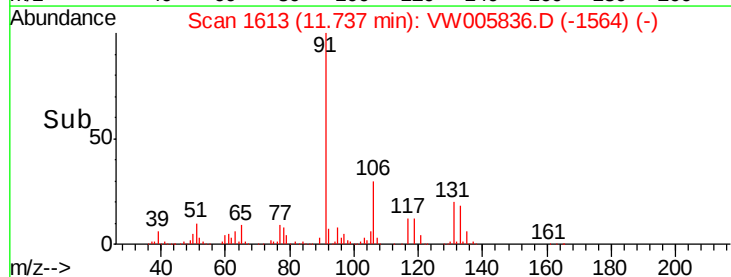
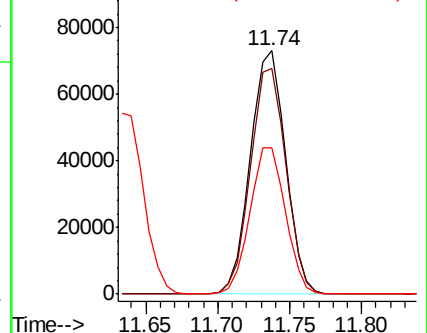
119 60.8 30.4 91.2

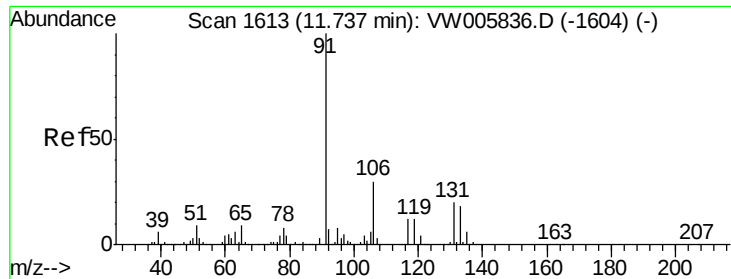


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





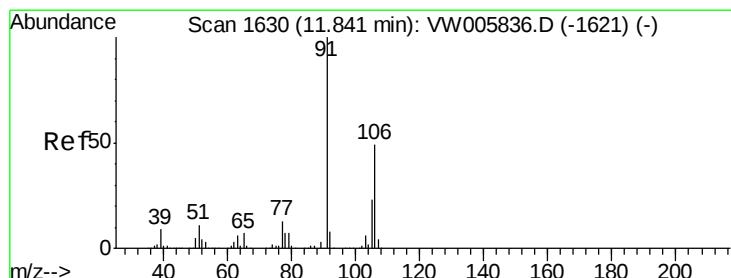
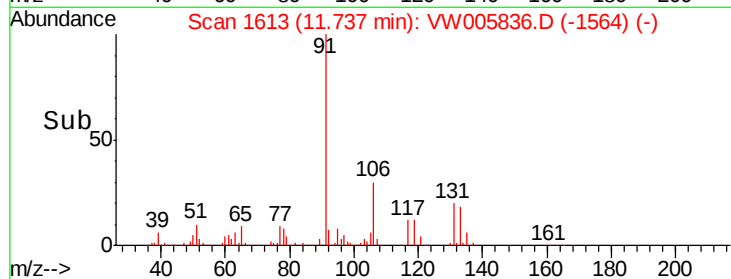
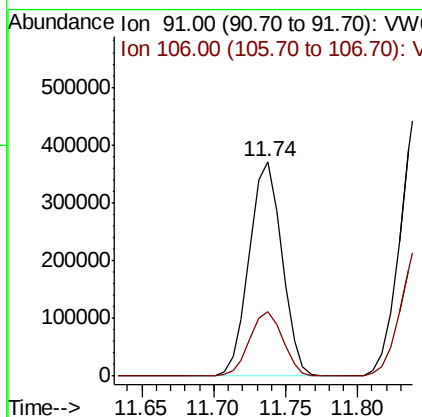
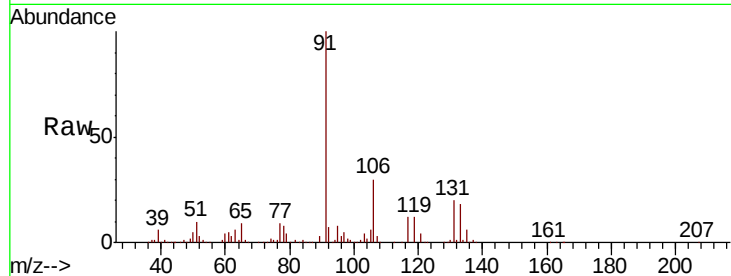
#67
Ethyl Benzene
Concen: 53.087 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW005836.D
Acq: 04 Oct 2018 04:29

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion: 91 Resp: 584936
Ion Ratio Lower Upper
91 100
106 30.4 24.3 36.5

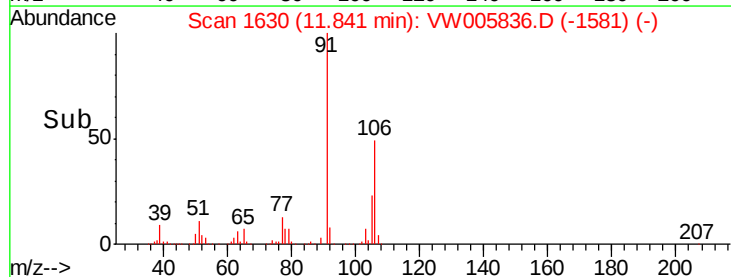
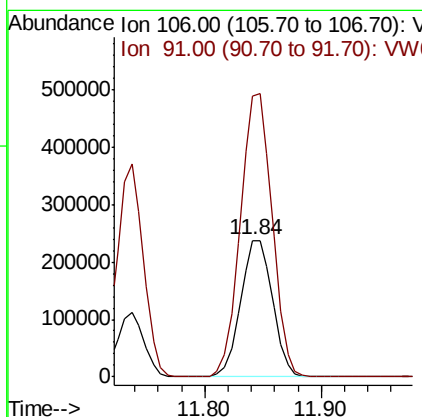
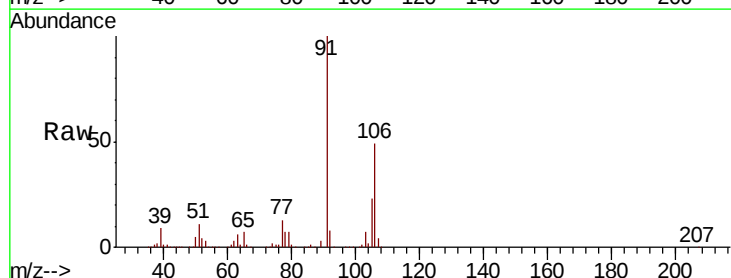
Manual Integrations
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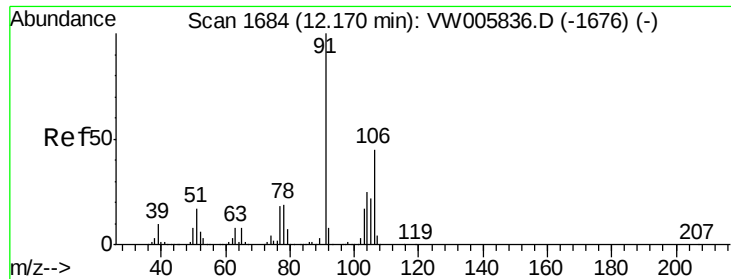
apatel
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#68
m/p-Xylenes
Concen: 108.687 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW005836.D
Acq: 04 Oct 2018 04:29

Tgt Ion: 106 Resp: 453992
Ion Ratio Lower Upper
106 100
91 206.7 165.4 248.0





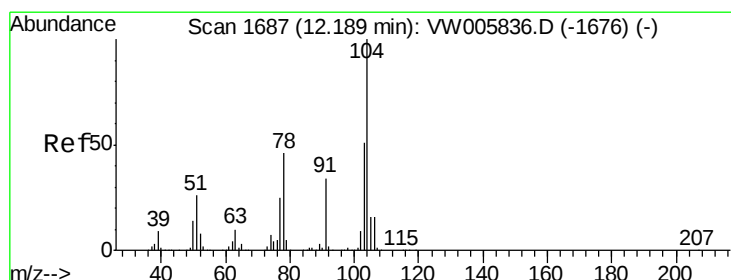
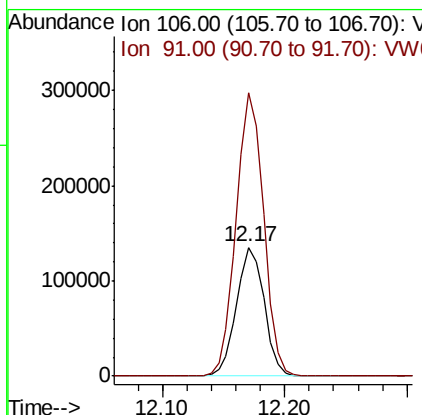
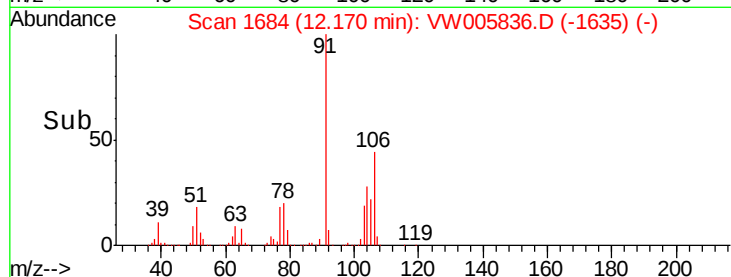
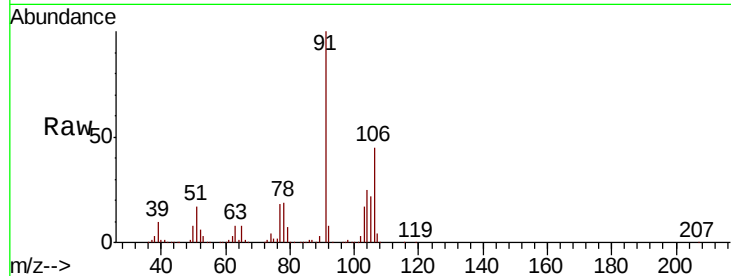
#69
o-Xylene
Concen: 54.052 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW005836.D
Acq: 04 Oct 2018 04:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion:106 Resp: 211265
Ion Ratio Lower Upper
106 100
91 219.4 109.7 329.1

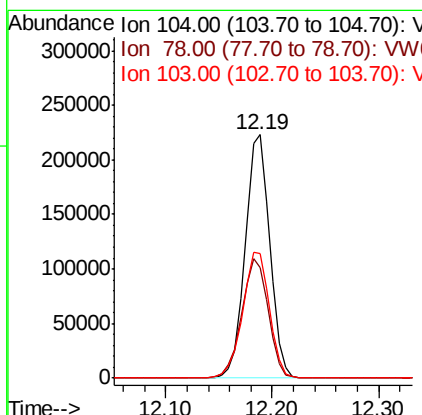
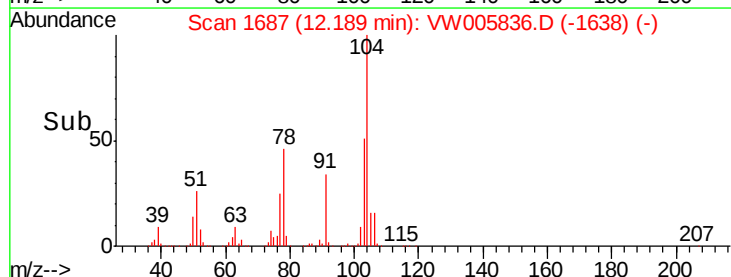
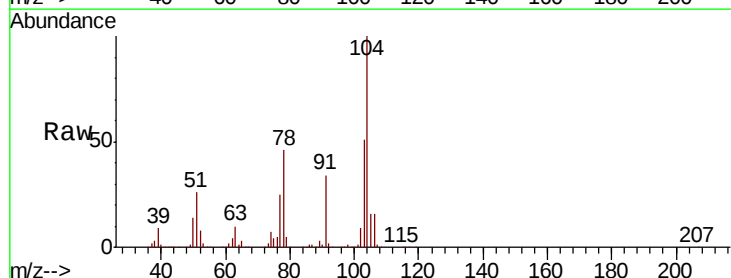
Manual Integrations
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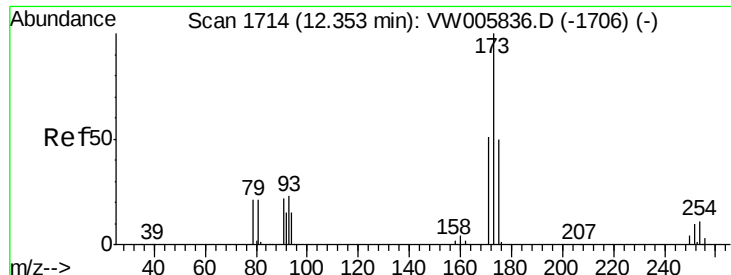
apatel
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#70
Styrene
Concen: 55.081 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VW005836.D
Acq: 04 Oct 2018 04:29

Tgt Ion:104 Resp: 362248
Ion Ratio Lower Upper
104 100
78 52.9 42.3 63.5
103 56.1 44.9 67.3





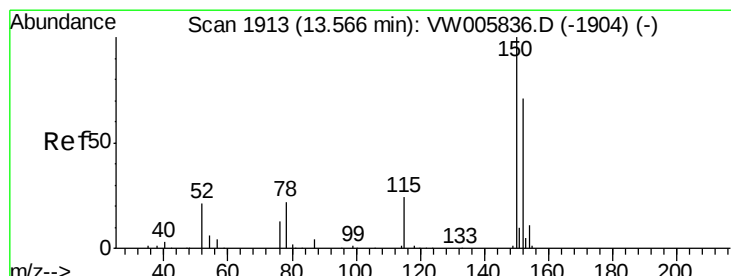
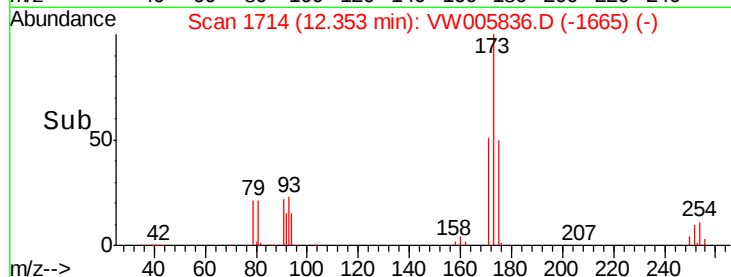
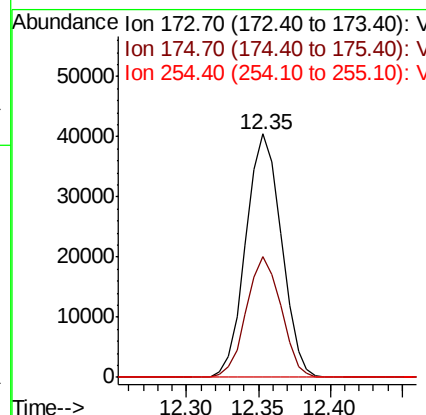
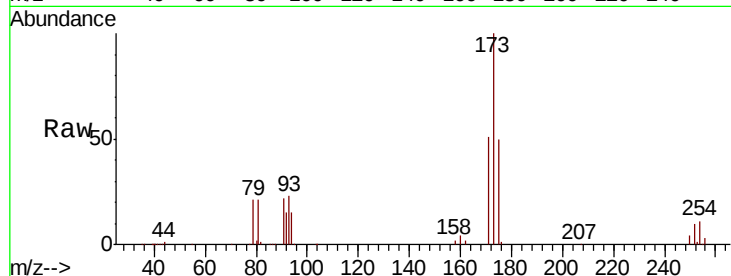
#71
Bromoform
Concen: 57.178 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VW005836.D
Acq: 04 Oct 2018 04:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.3	72.9
254	0.1	0.1	0.1

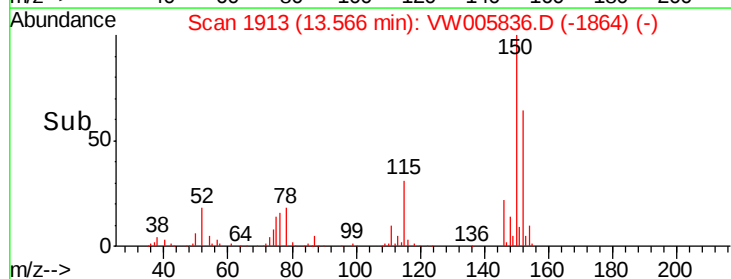
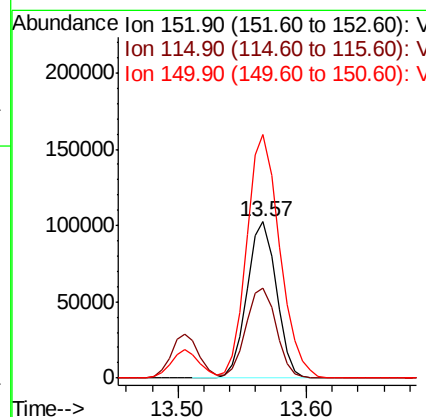
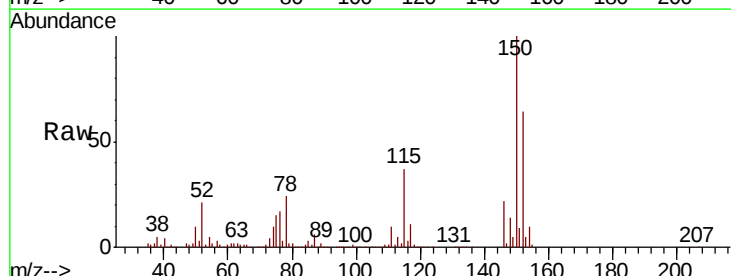
Manual Integrations
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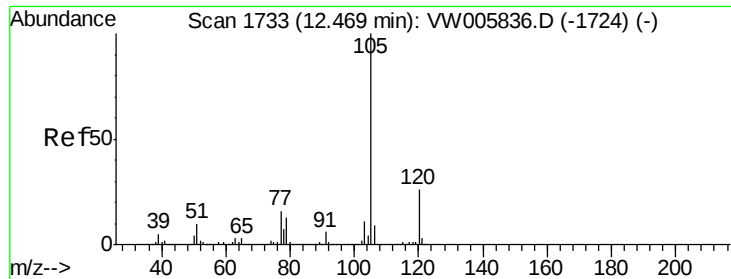
apatel
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW005836.D
Acq: 04 Oct 2018 04:29

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.6	29.8	89.4
150	174.7	0.0	349.4





#73

Isopropylbenzene

Concen: 52.672 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW005836.D

Acq: 04 Oct 2018 04:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 105 Resp: 590192

Ion Ratio Lower Upper

105 100

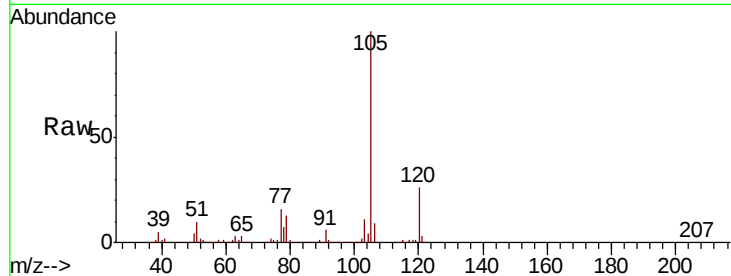
120 25.8 12.9 38.7

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.47

400000

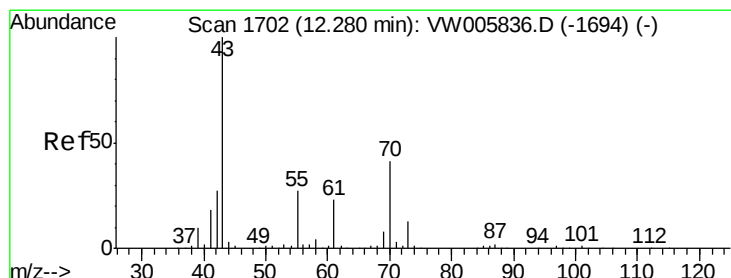
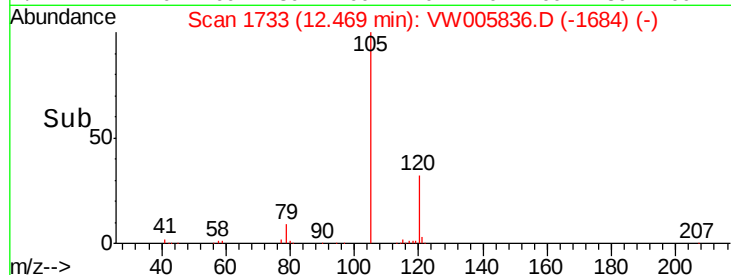
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 51.838 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VW005836.D

Acq: 04 Oct 2018 04:29

Tgt Ion: 43 Resp: 131893

Ion Ratio Lower Upper

43 100

70 42.0 33.6 50.4

55 27.2 21.8 32.6

61 23.3 18.6 28.0

Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

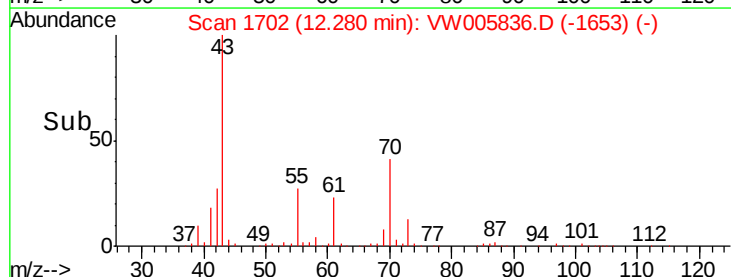
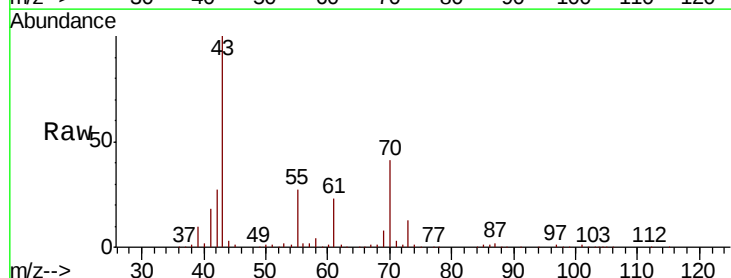
Ion 61.00 (60.70 to 61.70): VW

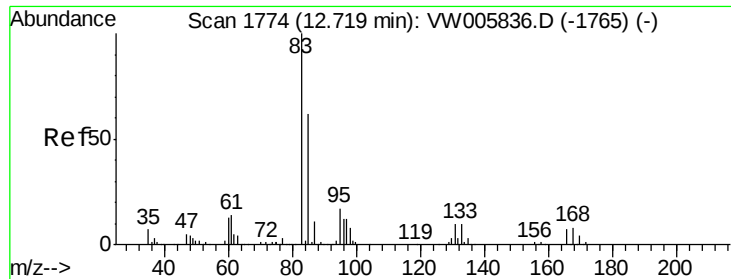
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 53.557 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW005836.D

Acq: 04 Oct 2018 04:29

Instrument :

MSVOA_W

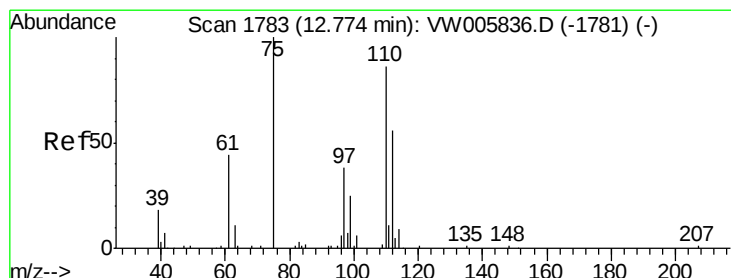
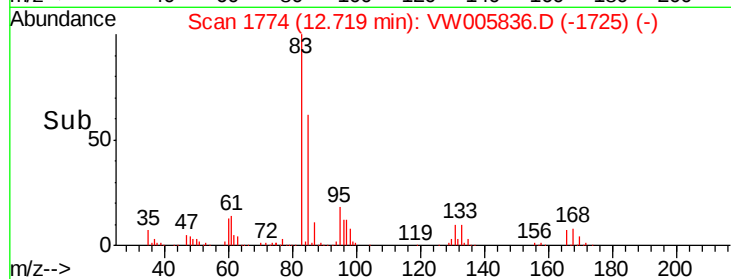
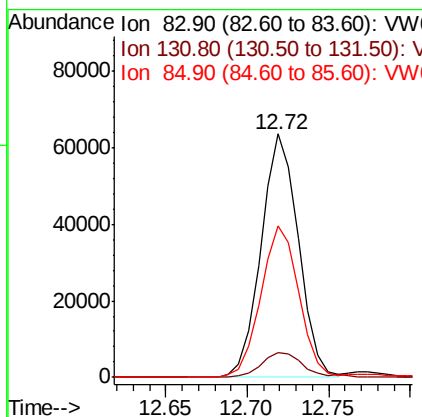
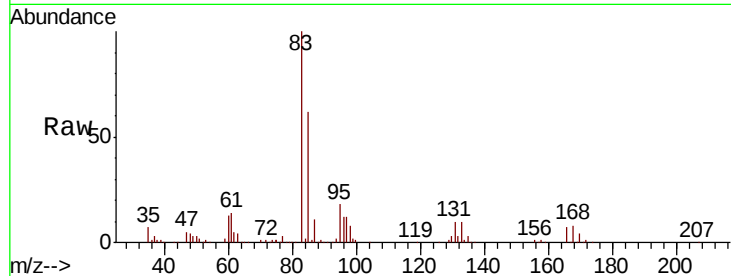
ClientSampled :

VSTDICCC050

Tot Ion:	83	Resp:	100966
Ion Ratio	Lower	Upper	
83	100		
131	11.7	5.9	17.6
85	63.5	31.8	95.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 51.685 ug/l m

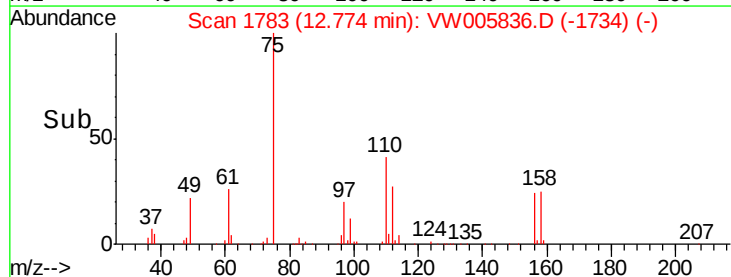
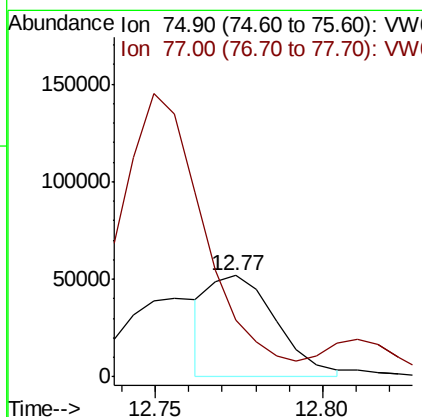
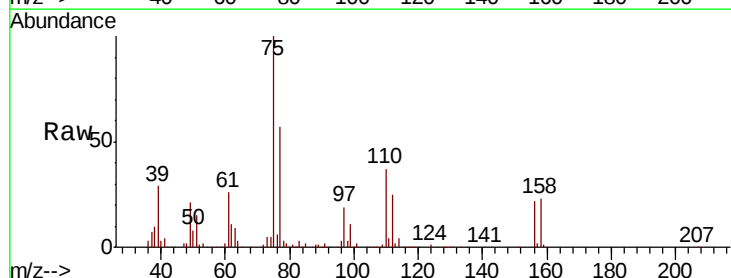
RT: 12.77 min Scan# 1783

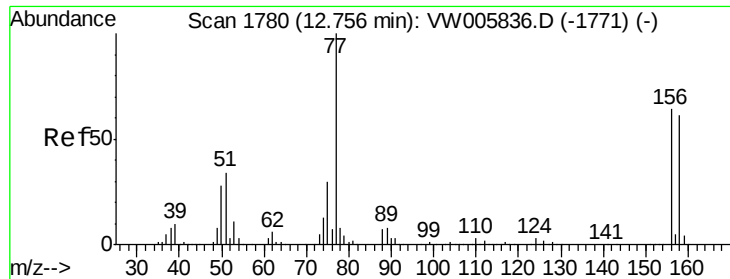
Delta R.T. 0.00 min

Lab File: VW005836.D

Acq: 04 Oct 2018 04:29

Tgt Ion:	75	Resp:	72316
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





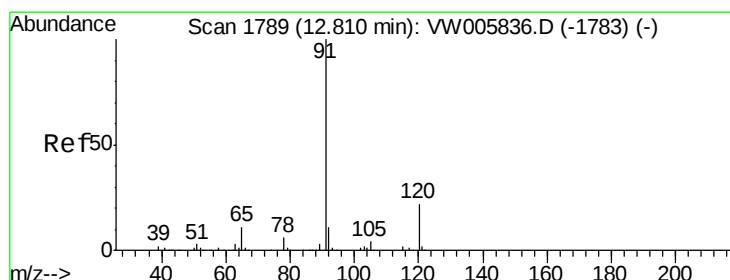
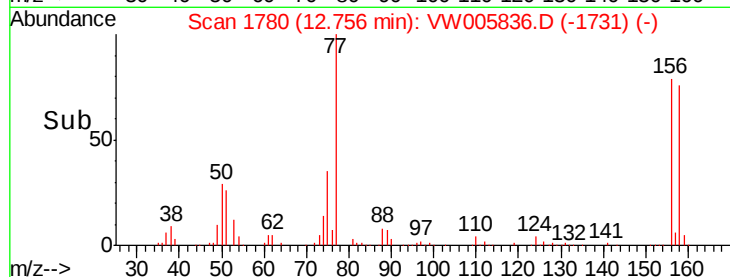
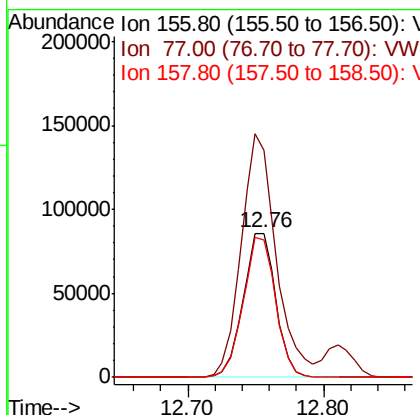
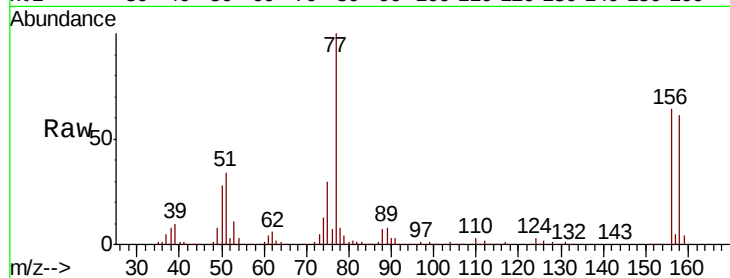
#77
Bromobenzene
Concen: 53.827 ug/l
RT: 12.76 min Scan# 1780
Delta R.T. 0.00 min
Lab File: VW005836.D
Acq: 04 Oct 2018 04:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	182.1	91.0	273.1
158	96.8	48.4	145.2

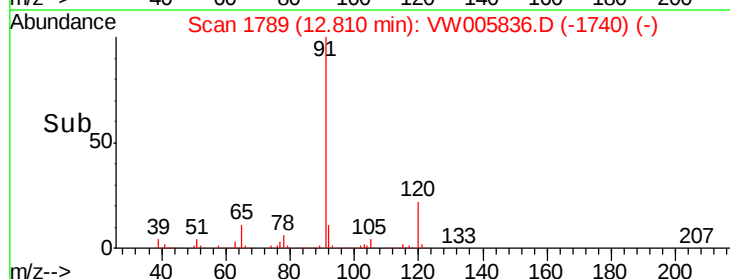
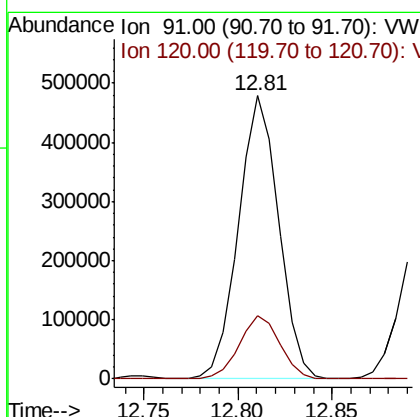
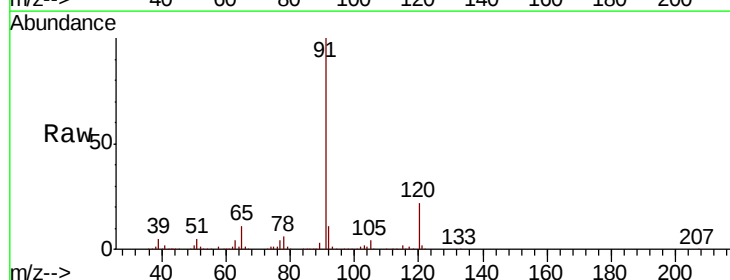
Manual Integrations
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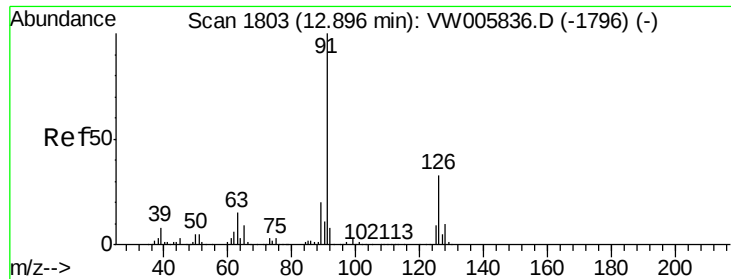
apatel
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#78
n-propylbenzene
Concen: 52.207 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VW005836.D
Acq: 04 Oct 2018 04:29

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.6	11.3	33.9





#79

2-Chlorotoluene

Concen: 52.457 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW005836.D

Acq: 04 Oct 2018 04:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 91 Resp: 412441

Ion Ratio Lower Upper

91 100

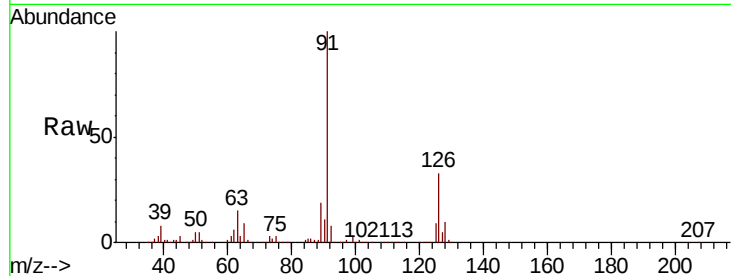
126 33.2 16.6 49.8

Manual Integrations

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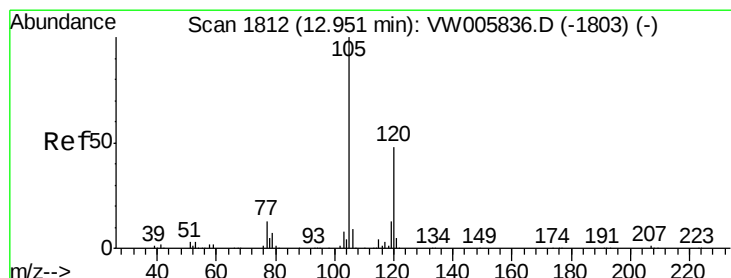
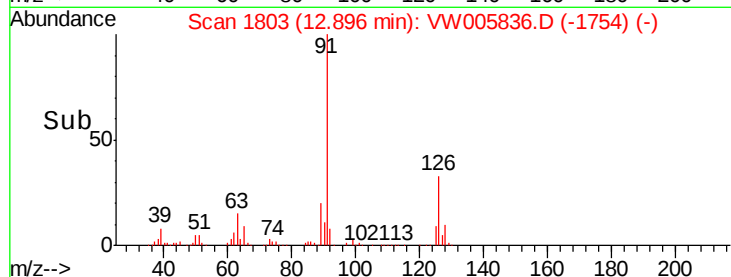
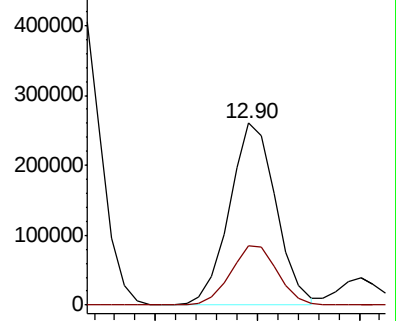
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 53.454 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW005836.D

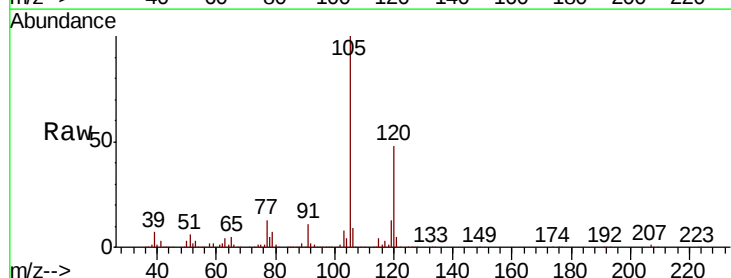
Acq: 04 Oct 2018 04:29

Tgt Ion: 105 Resp: 521206

Ion Ratio Lower Upper

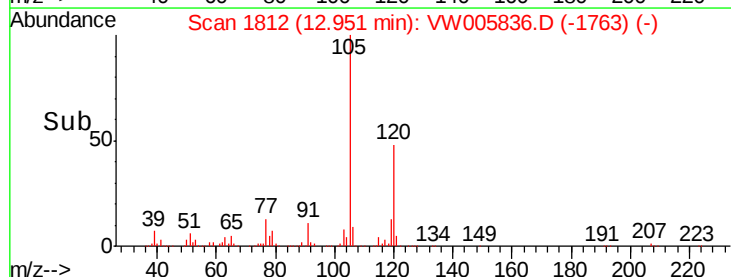
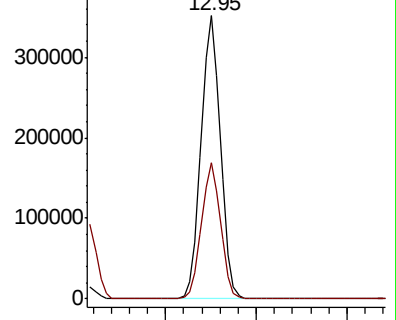
105 100

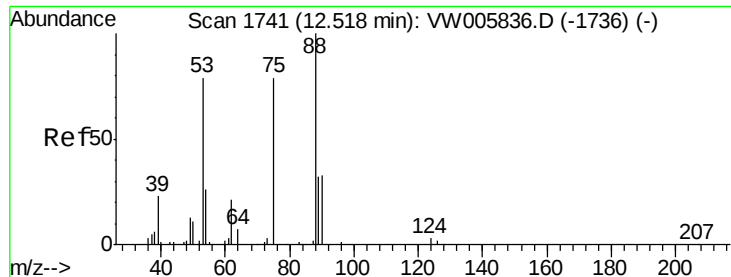
120 47.5 23.8 71.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





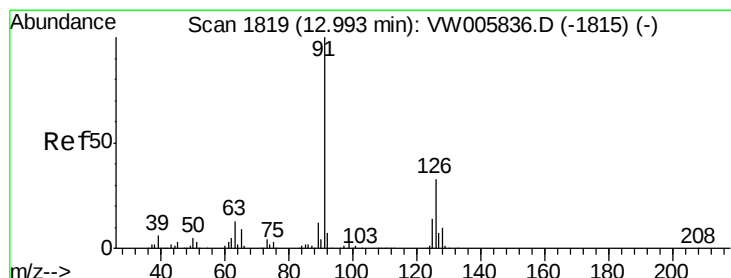
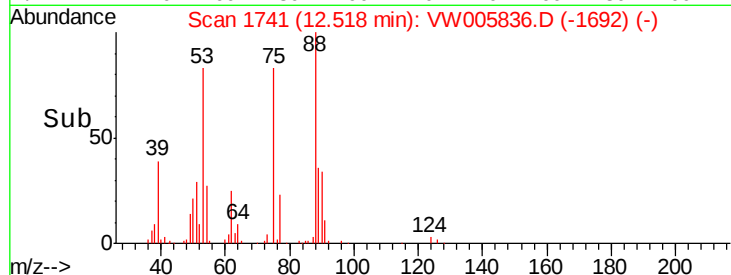
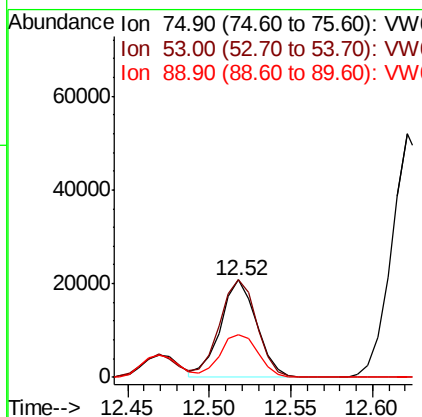
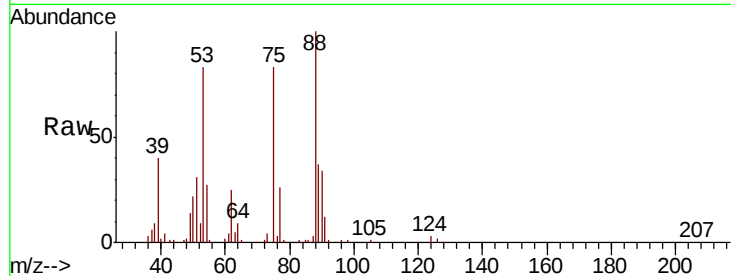
#81
trans-1,4-Dichloro-2-butene
Concen: 51.696 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW005836.D
Acq: 04 Oct 2018 04:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	104.6	83.7	125.5
89	46.9	37.5	56.3

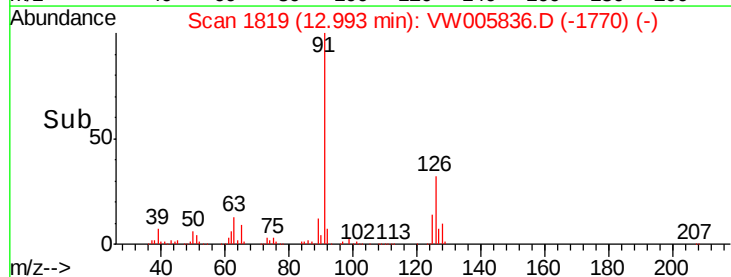
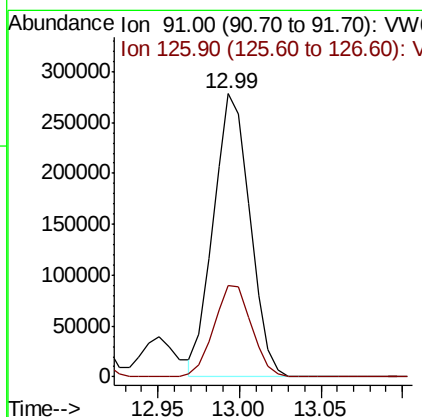
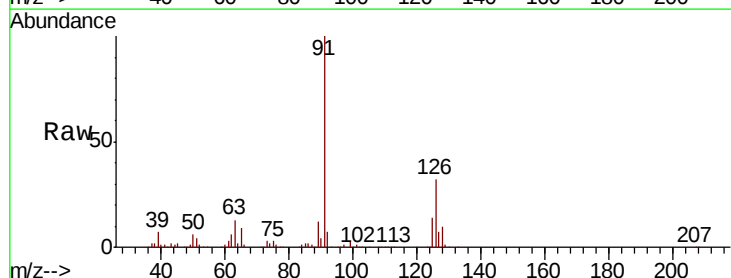
Manual Integrations
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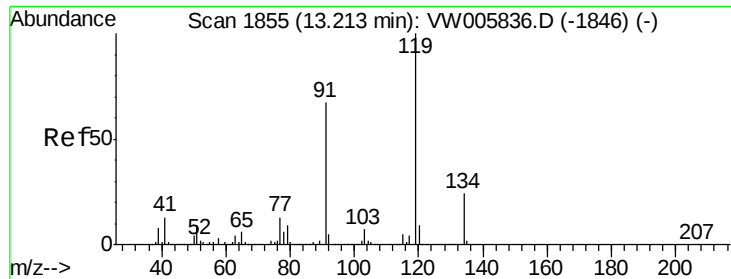
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#82
4-Chlorotoluene
Concen: 52.317 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW005836.D
Acq: 04 Oct 2018 04:29

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.3	16.7	50.0





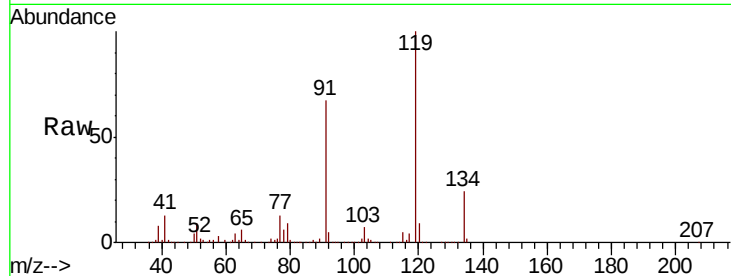
#83
 tert-Butylbenzene
 Concen: 52.796 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW005836.D
 Acq: 04 Oct 2018 04:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

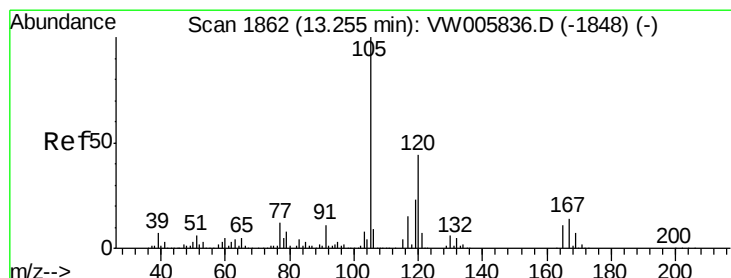
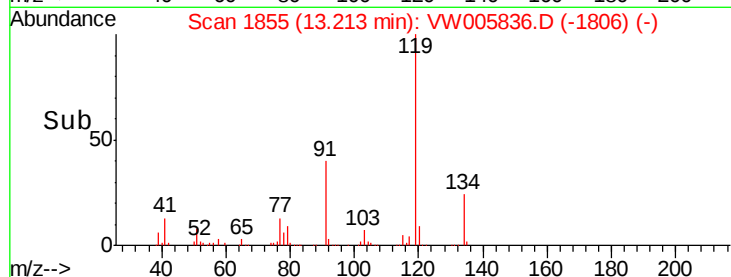
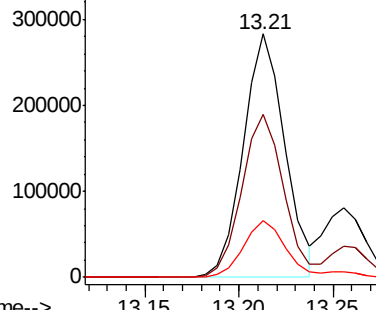
Tot Ion	Ratio	Lower	Upper
119	100		
91	66.8	33.4	100.2
134	25.5	12.8	38.3

Manual Integrations
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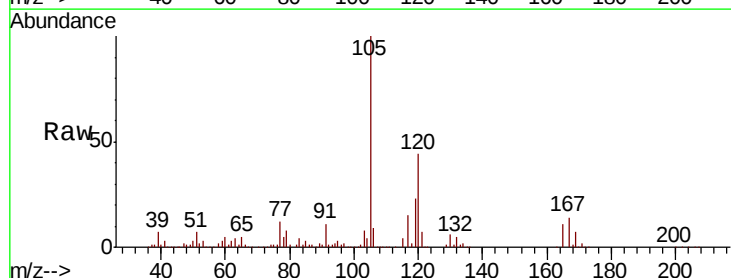


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

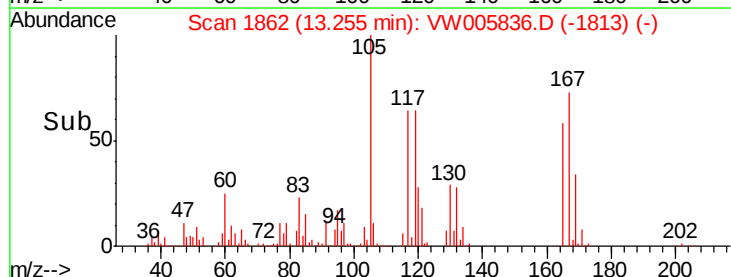
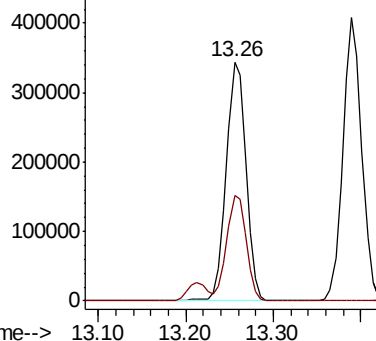


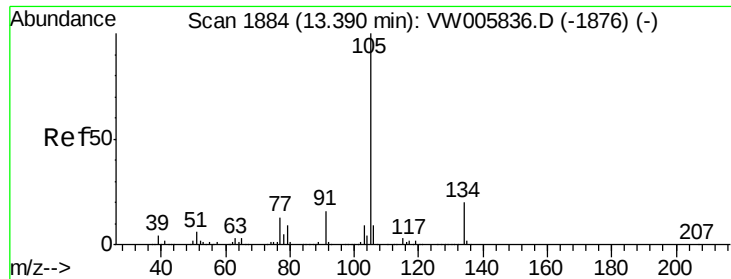
#84
 1,2,4-Trimethylbenzene
 Concen: 54.616 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW005836.D
 Acq: 04 Oct 2018 04:29

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.8	21.9	65.7



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





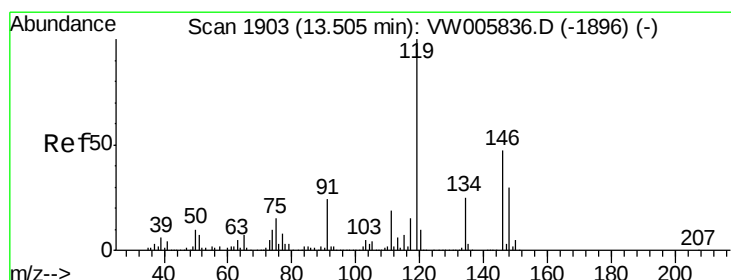
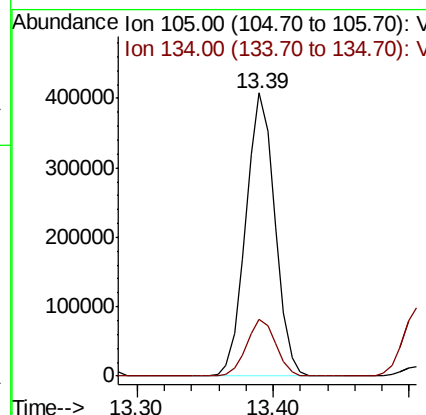
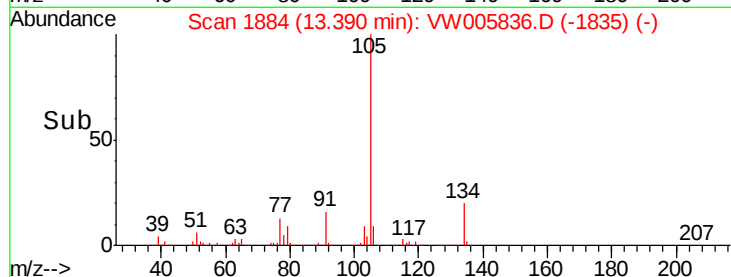
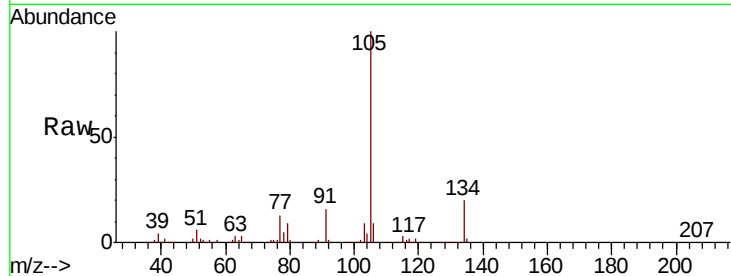
#85
 sec-Butylbenzene
 Concen: 51.539 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW005836.D
 Acq: 04 Oct 2018 04:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.0	10.0	30.0

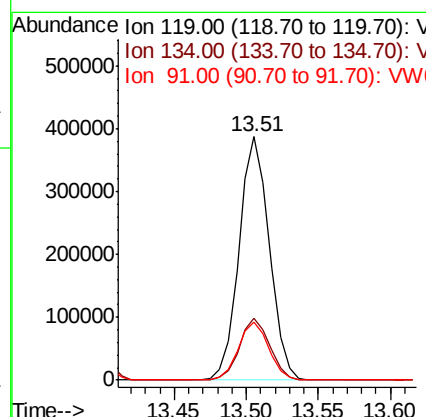
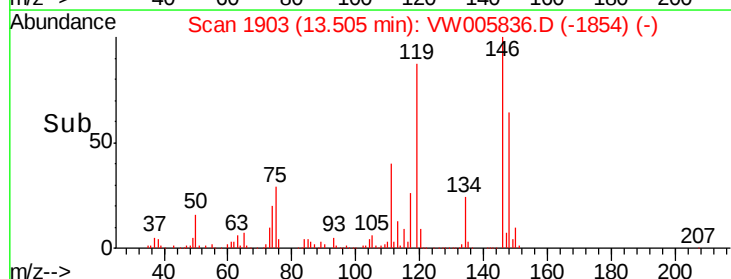
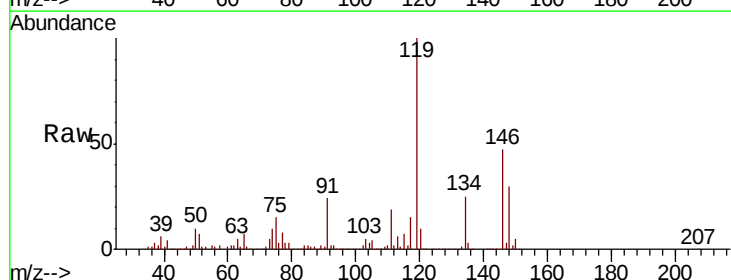
Manual Integrations
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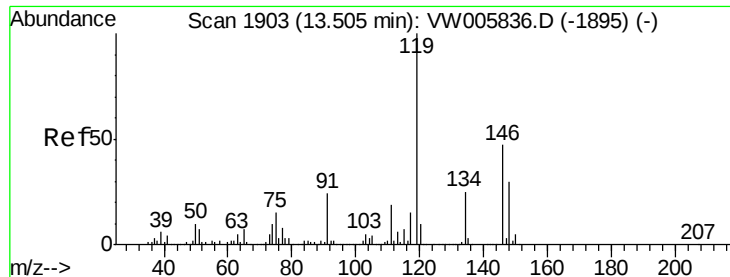
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#86
 p-Isopropyltoluene
 Concen: 53.112 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW005836.D
 Acq: 04 Oct 2018 04:29

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.3	12.7	38.0
91	23.9	11.9	35.9





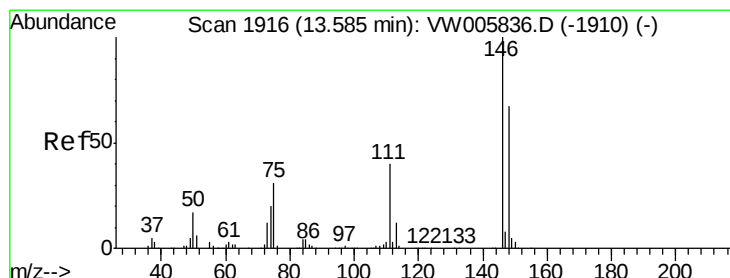
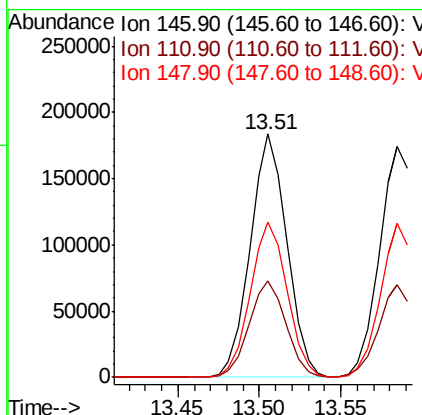
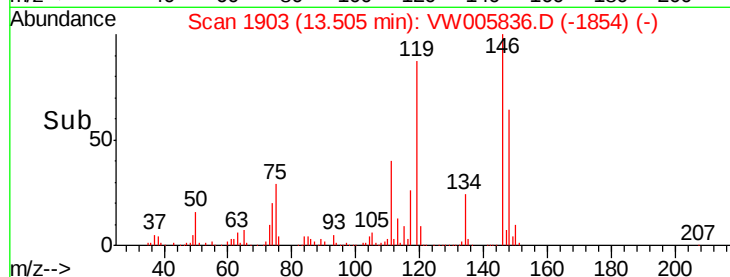
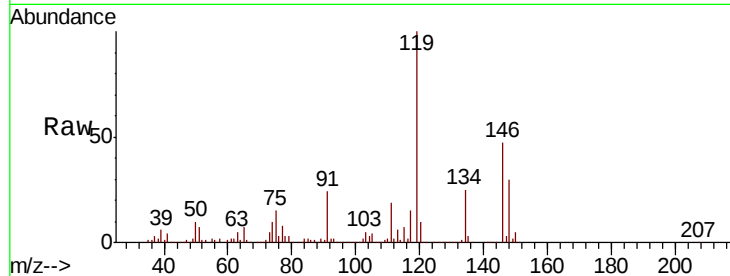
#87
 1,3-Dichlorobenzene
 Concen: 52.957 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW005836.D
 Acq: 04 Oct 2018 04:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	286686		
111	39.8	19.9	59.7	
148	64.1	32.0	96.2	

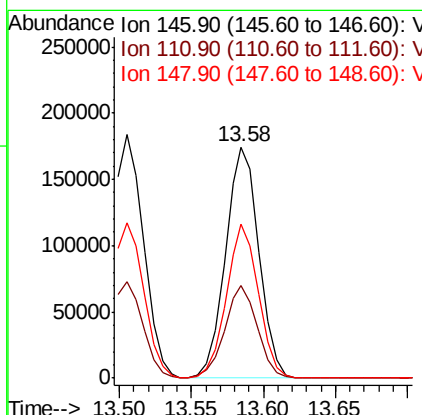
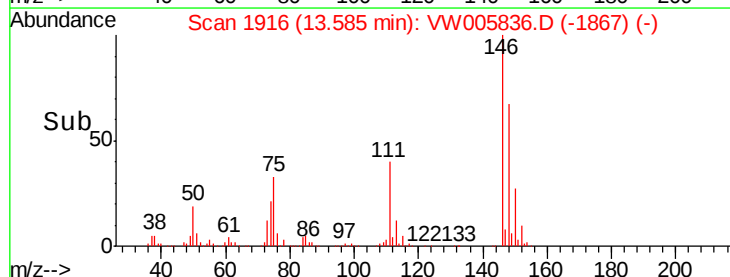
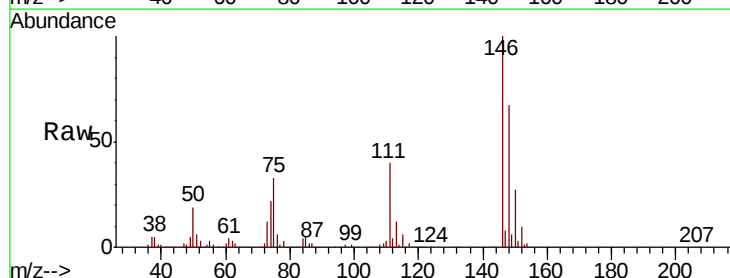
Manual Integrations
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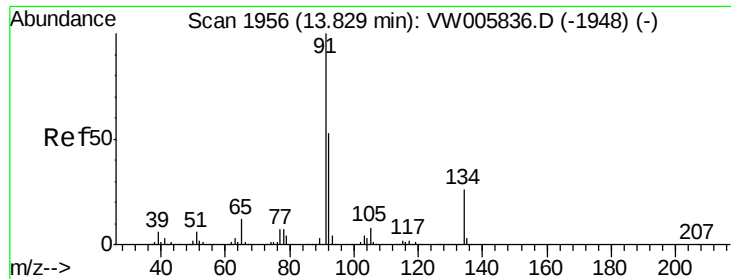
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#88
 1,4-Dichlorobenzene
 Concen: 52.242 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW005836.D
 Acq: 04 Oct 2018 04:29

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	280910		
111	39.4	19.7	59.1	
148	64.3	32.1	96.5	





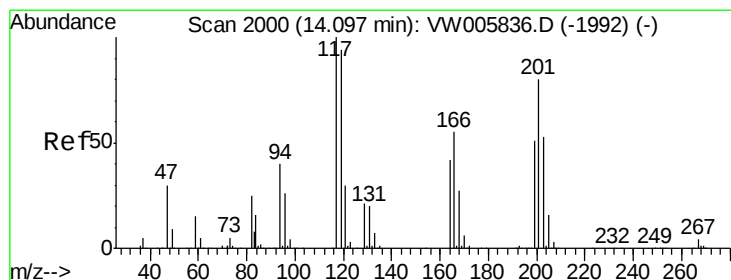
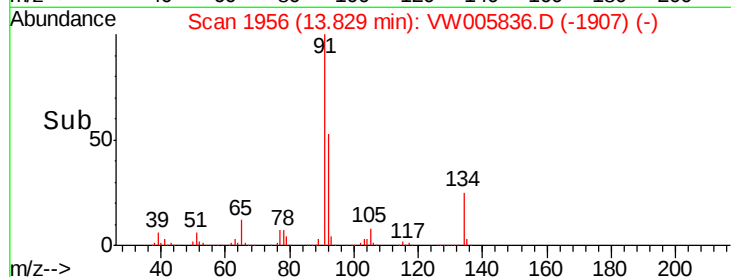
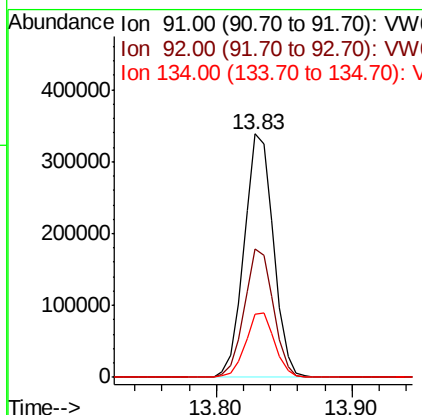
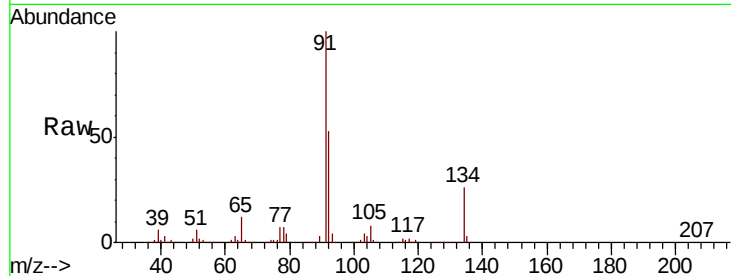
#89
n-Butylbenzene
Concen: 50.893 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW005836.D
Acq: 04 Oct 2018 04:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.2	78.5
134	26.1	13.1	39.1

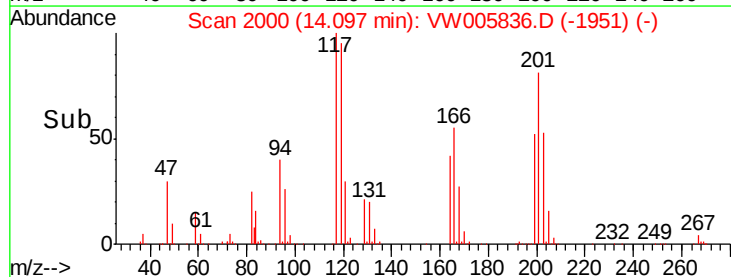
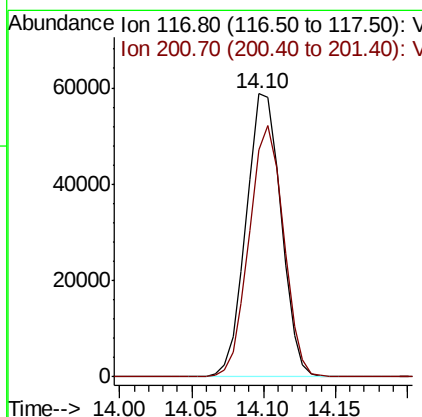
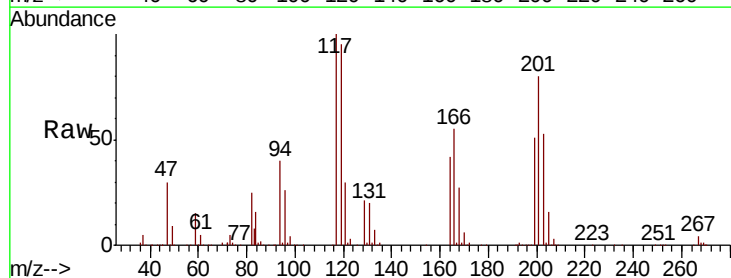
Manual Integrations
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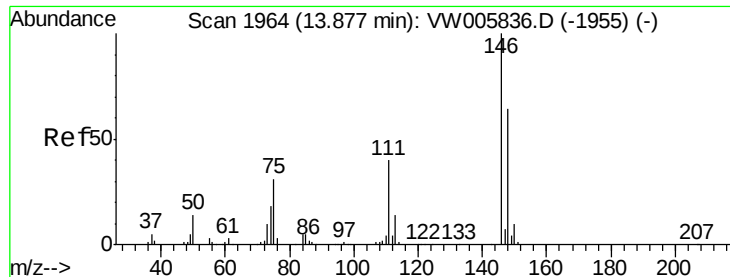
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#90
Hexachloroethane
Concen: 51.171 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW005836.D
Acq: 04 Oct 2018 04:29

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.4	43.7	131.1





#91

1,2-Dichlorobenzene

Concen: 53.925 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.00 min

Lab File: VW005836.D

Acq: 04 Oct 2018 04:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 146 Resp: 258698

Ion Ratio Lower Upper

146 100

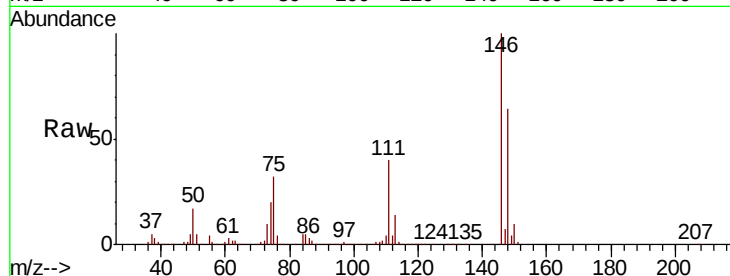
111 40.9 20.4 61.3

148 64.2 32.1 96.3

Manual Integrations
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Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

13.88

150000

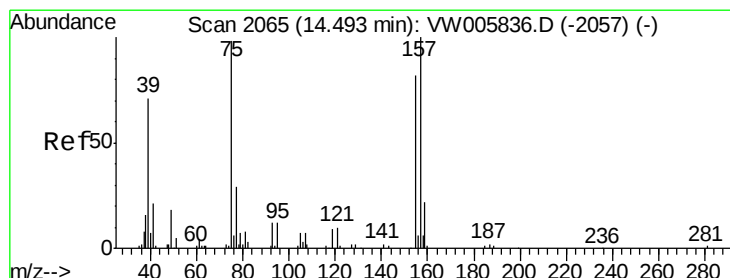
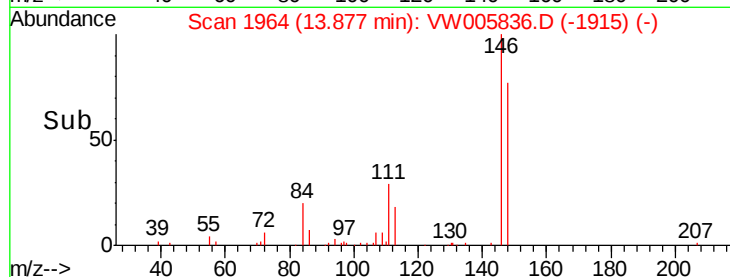
100000

50000

0

13.80 13.90

Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.886 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. 0.00 min

Lab File: VW005836.D

Acq: 04 Oct 2018 04:29

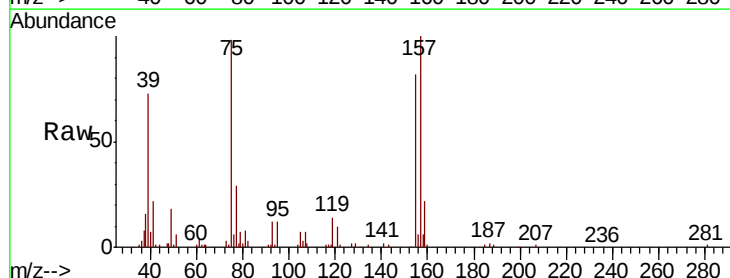
Tgt Ion: 75 Resp: 19198

Ion Ratio Lower Upper

75 100

155 82.6 41.3 123.9

157 103.8 51.9 155.7



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

14.49

15000

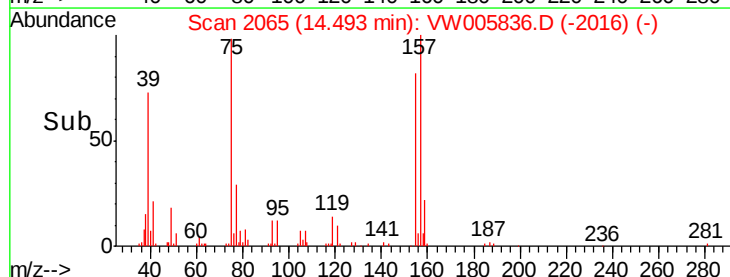
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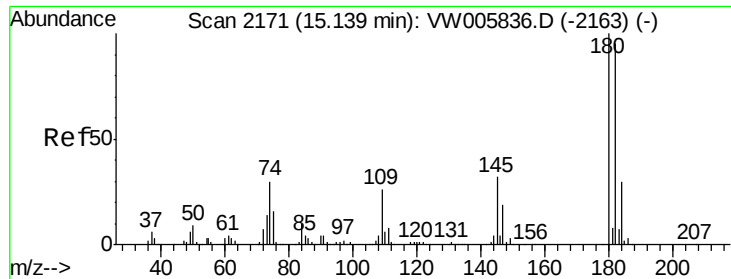
5000

0

14.40 14.45 14.50 14.55

Time-->





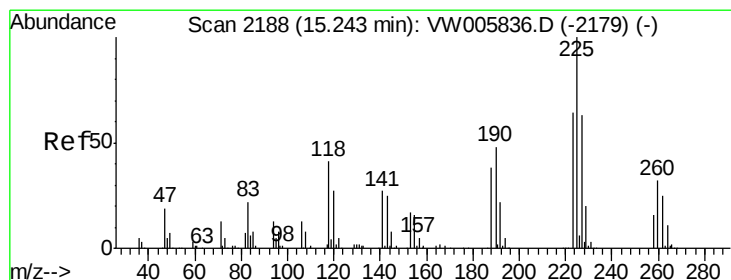
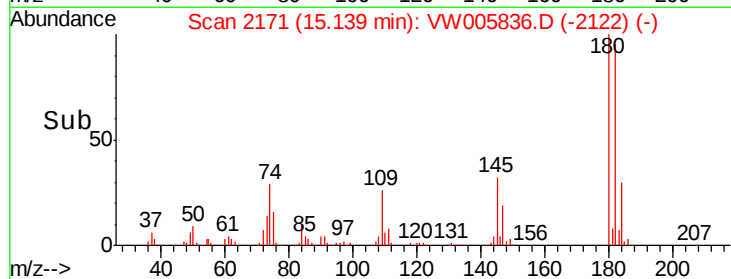
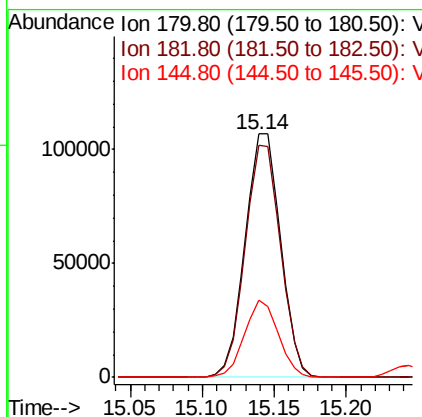
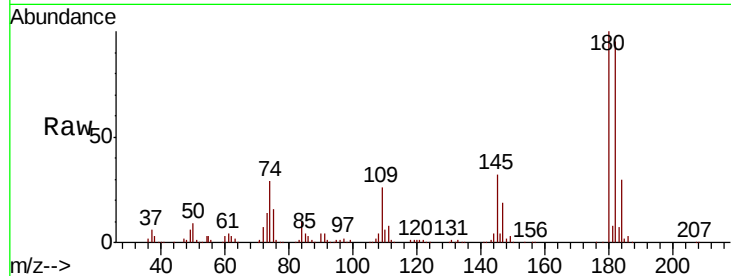
#93
1,2,4-Trichlorobenzene
Concen: 53.512 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VW005836.D
Acq: 04 Oct 2018 04:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	182234		
182	95.2	47.6	142.8	
145	30.0	15.0	45.0	

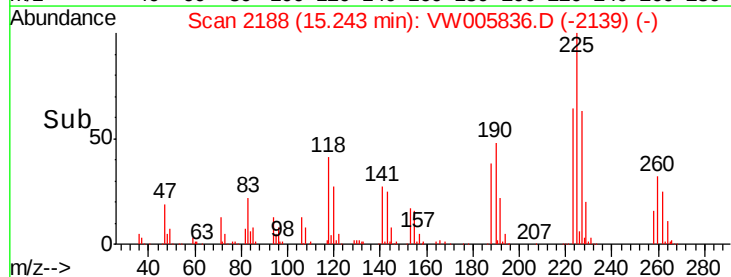
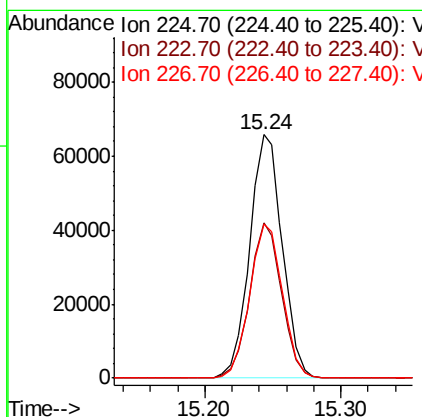
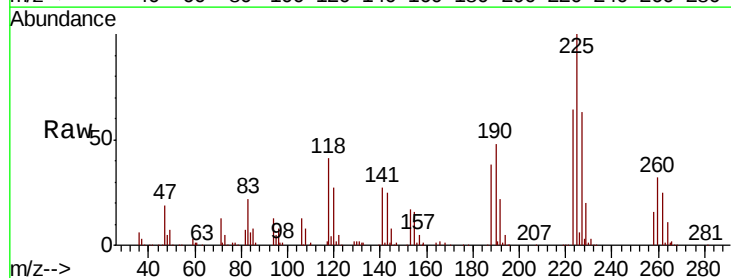
Manual Integrations
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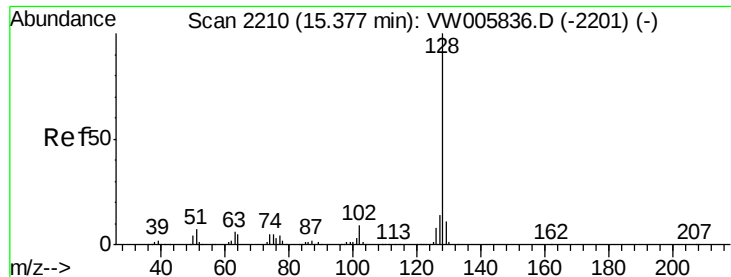
apatel
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#94
Hexachlorobutadiene
Concen: 50.417 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. 0.00 min
Lab File: VW005836.D
Acq: 04 Oct 2018 04:29

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	110634		
223	62.4	31.2	93.6	
227	63.4	31.7	95.1	





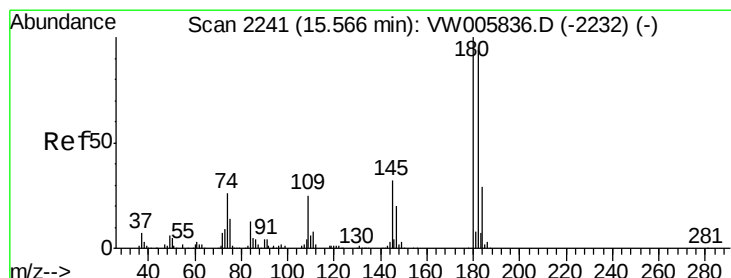
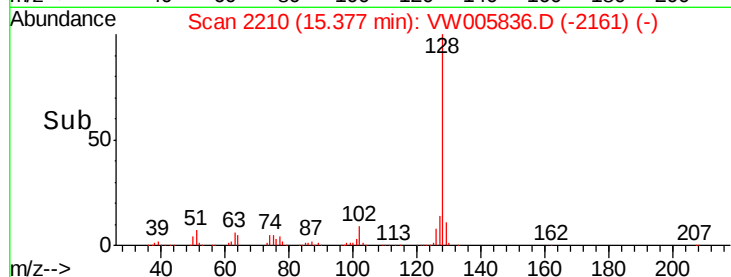
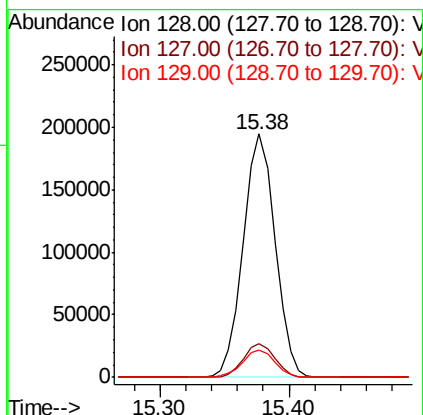
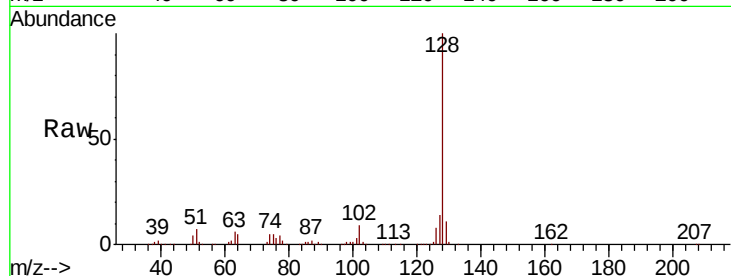
#95
Naphthalene
Concen: 57.657 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW005836.D
Acq: 04 Oct 2018 04:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.9	16.3
129	11.1	8.9	13.3

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 54.904 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW005836.D
Acq: 04 Oct 2018 04:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.3	142.0
145	32.1	16.1	48.2

