

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100418\
 Data File : VW005839.D
 Acq On : 04 Oct 2018 05:46
 Operator : SY/AP
 Sample : VSTDIC150
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Manual Integrations
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 10/4/2018 2:48:04 PM

Quant Time: Oct 04 06:54:09 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	210863	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	319008	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	295855	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	153720	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	356428	142.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	285.00%	
35) Dibromofluoromethane	7.88	113	293996	145.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	291.02%	
50) Toluene-d8	10.33	98	1227958	150.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	300.20%	
62) 4-Bromofluorobenzene	12.63	95	446321	147.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	294.14%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	186637	132.421	ug/l	98
3) Chloromethane	2.22	50	227955	136.803	ug/l	100
4) Vinyl Chloride	2.37	62	305008	148.697	ug/l	99
5) Bromomethane	2.78	94	213511	153.386	ug/l	98
6) Chloroethane	2.92	64	193460	147.186	ug/l	100
7) Trichlorofluoromethane	3.26	101	230753	146.291	ug/l	99
8) Diethyl Ether	3.68	74	156940	147.934	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	283662	140.449	ug/l	99
10) Methyl Iodide	4.26	142	483416	153.805	ug/l	98
11) Tert butyl alcohol	5.21	59	107564	743.641	ug/l #	87
12) 1,1-Dichloroethene	4.03	96	287938	147.917	ug/l	97
13) Acrolein	3.89	56	113746	1014.157	ug/l	98
14) Allyl chloride	4.67	41	489115	145.905	ug/l	99
15) Acrylonitrile	5.37	53	352086	749.477	ug/l	99
16) Acetone	4.14	43	291636	652.226	ug/l	100
17) Carbon Disulfide	4.37	76	935117	152.469	ug/l	99
18) Methyl Acetate	4.67	43	182106	151.145	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	470673	154.842	ug/l	96
20) Methylene Chloride	4.92	84	312868	123.722	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	323367	151.690	ug/l	99
22) Diisopropyl ether	6.32	45	949657	145.420	ug/l	99
23) Vinyl Acetate	6.26	43	2840976	757.132	ug/l	100
24) 1,1-Dichloroethane	6.21	63	584709	144.196	ug/l	98
25) 2-Butanone	7.18	43	446075	727.001	ug/l	98
26) 2,2-Dichloropropane	7.17	77	342030	123.214	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	353301	150.602	ug/l	99
28) Bromochloromethane	7.51	49	186336	118.188	ug/l	97
29) Tetrahydrofuran	7.54	42	278771	725.723	ug/l	95
30) Chloroform	7.68	83	599335	142.526	ug/l	98
31) Cyclohexane	7.96	56	503077	130.778	ug/l	92
32) 1,1,1-Trichloroethane	7.88	97	528740	143.096	ug/l	99
36) 1,1-Dichloropropene	8.09	75	470334	145.448	ug/l	99
37) Ethyl Acetate	7.26	43	200548	146.336	ug/l	100
38) Carbon Tetrachloride	8.07	117	512811	147.826	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	535956	140.969	ug/l	96
40) Benzene	8.32	78	1283905	139.648	ug/l	97
41) Methacrylonitrile	7.49	41	121127	152.805	ug/l	95
42) 1,2-Dichloroethane	8.40	62	429918	144.335	ug/l	100
43) Isopropyl Acetate	8.43	43	402860	148.706	ug/l	99
44) Trichloroethene	9.10	130	338681	143.431	ug/l	97
45) 1,2-Dichloropropane	9.37	63	291923	130.352	ug/l	96
46) Dibromomethane	9.46	93	161949	141.794	ug/l	98
47) Bromodichloromethane	9.65	83	432674	142.153	ug/l	98
48) Methyl methacrylate	9.45	41	198462	154.030	ug/l	98
49) 1,4-Dioxane	9.47	88	52905	2902.056	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	1060564	774.643	ug/l	100
52) Toluene	10.39	92	874417	152.077	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	469975	154.160	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	520848	152.668	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	245261	150.916	ug/l	99
56) Ethyl methacrylate	10.65	69	340165	169.686	ug/l	99
57) 1,3-Dichloropropane	10.94	76	427287	149.121	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	640809	719.314	ug/l	99
59) 2-Hexanone	10.98	43	729729	786.447	ug/l	98
60) Dibromochloromethane	11.13	129	312039	157.652	ug/l	96
61) 1,2-Dibromoethane	11.24	107	237079	156.130	ug/l	98
64) Tetrachloroethene	10.87	164	342598	159.858	ug/l	99
65) Chlorobenzene	11.66	112	936764	147.914	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	346668	151.053	ug/l	98
67) Ethyl Benzene	11.74	91	1717062	153.182	ug/l	98
68) m/p-Xylenes	11.85	106	1294181	304.554	ug/l	99
69) o-Xylene	12.17	106	617146	155.206	ug/l	99
70) Styrene	12.19	104	1034492	154.621	ug/l	100
71) Bromoform	12.35	173	196261	159.346	ug/l #	100
73) Isopropylbenzene	12.47	105	1726700	161.788	ug/l	100
74) N-amyl acetate	12.28	43	392408	161.921	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	276118	153.772	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	201752m	151.387	ug/l	
77) Bromobenzene	12.76	156	393849	155.801	ug/l	99
78) n-propylbenzene	12.81	91	1998731	155.103	ug/l	99
79) 2-Chlorotoluene	12.90	91	1167943	155.956	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	1458725	157.066	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	90839	155.177	ug/l	99
82) 4-Chlorotoluene	12.99	91	1210597	153.244	ug/l	100
83) tert-Butylbenzene	13.21	119	1249734	160.296	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	1482085	157.835	ug/l	100
85) sec-Butylbenzene	13.39	105	1745595	154.775	ug/l	99
86) p-Isopropyltoluene	13.51	119	1583450	156.164	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	768801	149.099	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	757315	147.868	ug/l	100
89) n-Butylbenzene	13.83	91	1433297	150.749	ug/l	100
90) Hexachloroethane	14.10	117	281334	153.000	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	691026	151.229	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	54514	157.665	ug/l	98

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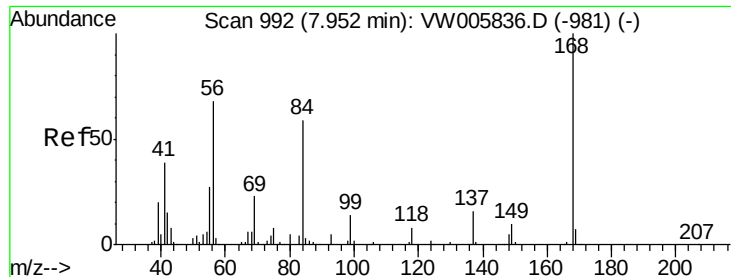
Manual Integrations
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QLast Update : Thu Oct 04 05:22:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	506058	156.014	ug/l	99
94) Hexachlorobutadiene	15.24	225	304272	145.577	ug/l	100
95) Naphthalene	15.38	128	967661	175.237	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	454846	158.249	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: VW005839.D

Acq: 04 Oct 2018 05:46

Instrument :

MSVOA_W

ClientSampled :

VSTDIC150

Tot Ion:168 Resp: 210863

Ion Ratio Lower Upper

168 100

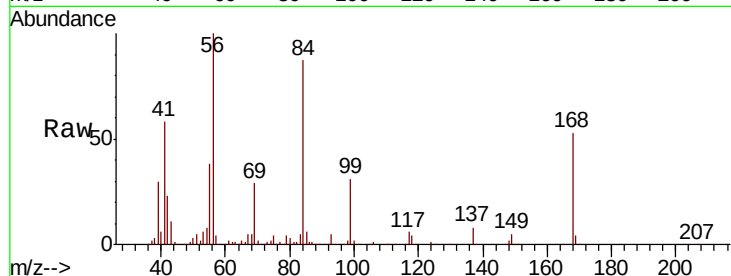
99 58.0 45.4 68.2

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

150000

100000

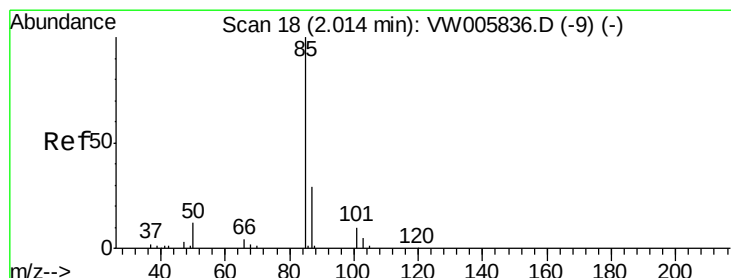
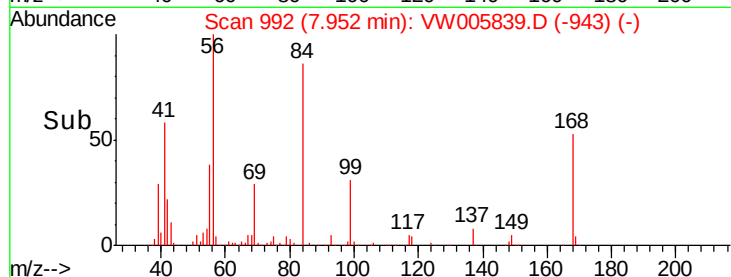
50000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 132.421 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW005839.D

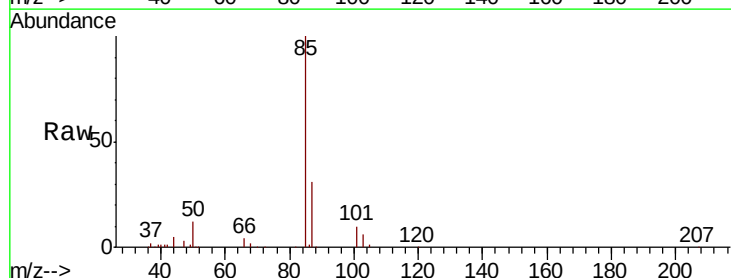
Acq: 04 Oct 2018 05:46

Tgt Ion: 85 Resp: 186637

Ion Ratio Lower Upper

85 100

87 30.7 14.8 44.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

50000

40000

30000

20000

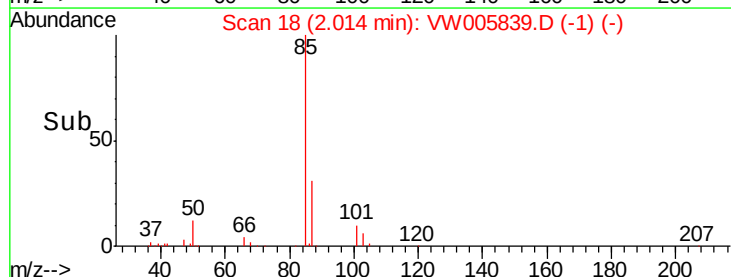
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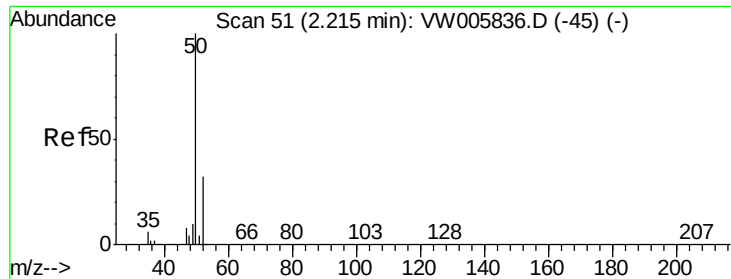
0

2.00

2.20

Time-->





#3

Chloromethane

Concen: 136.803 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW005839.D

Acq: 04 Oct 2018 05:46

Instrument :

MSVOA_W

ClientSampled :

VSTDIC150

Tot Ion: 50 Resp: 227955

Ion Ratio Lower Upper

50 100

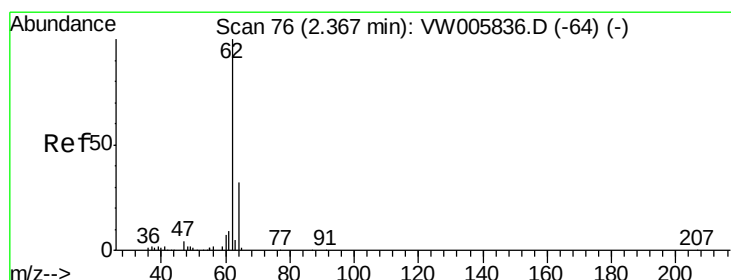
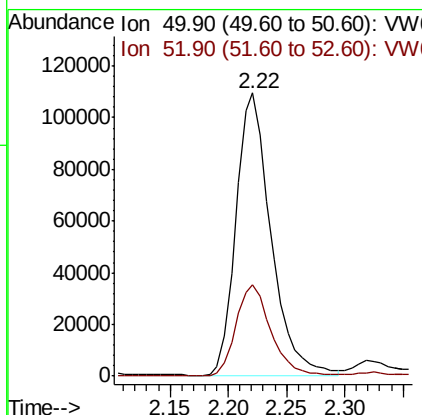
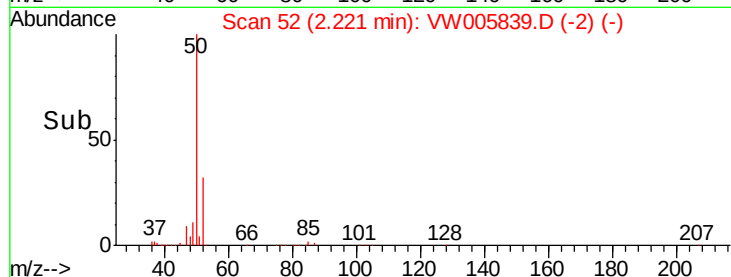
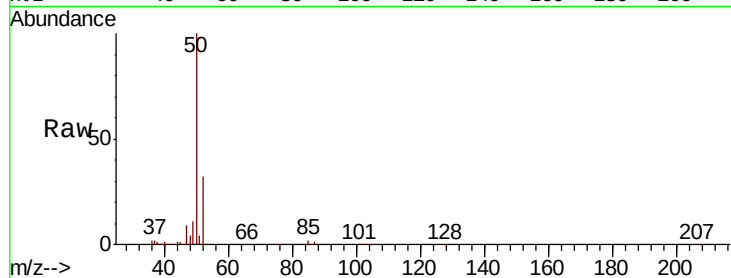
52 32.3 26.0 39.0

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#4

Vinyl Chloride

Concen: 148.697 ug/l

RT: 2.37 min Scan# 77

Delta R.T. 0.01 min

Lab File: VW005839.D

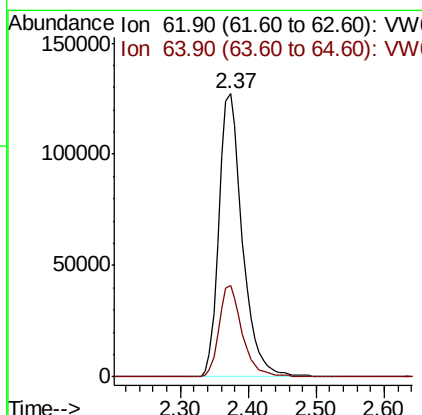
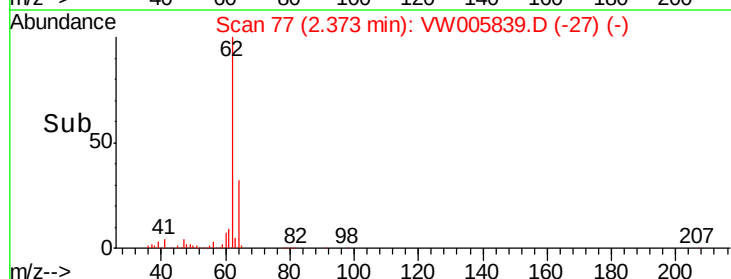
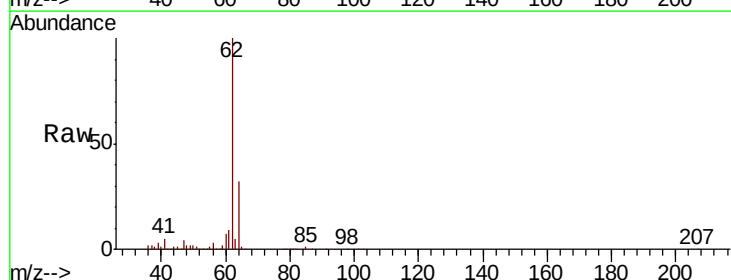
Acq: 04 Oct 2018 05:46

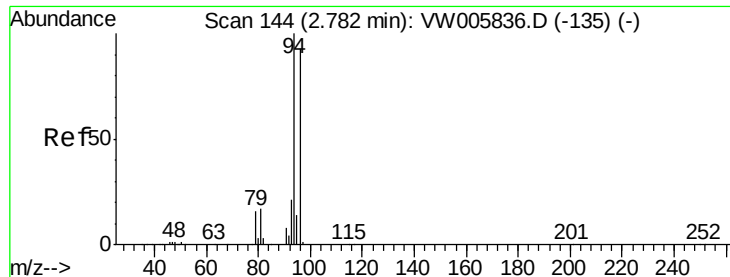
Tgt Ion: 62 Resp: 305008

Ion Ratio Lower Upper

62 100

64 32.4 25.7 38.5





#5

Bromomethane

Concen: 153.386 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.00 min

Lab File: VW005839.D

Acq: 04 Oct 2018 05:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 94 Resp: 213511

Ion Ratio Lower Upper

94 100

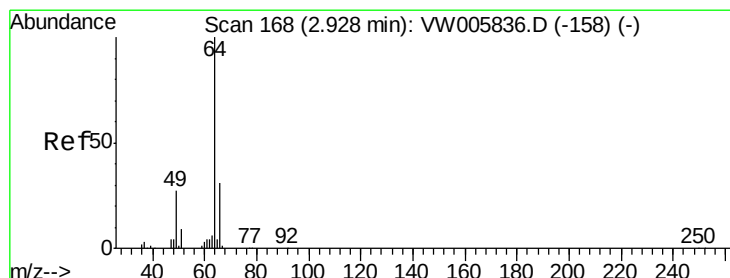
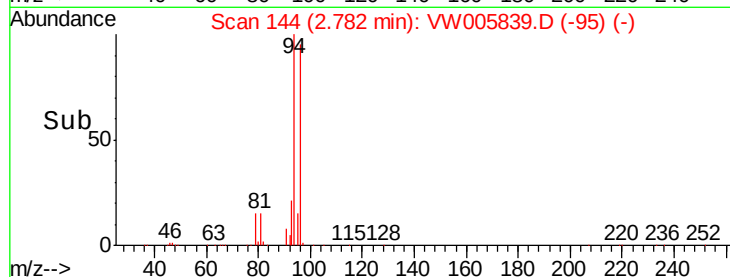
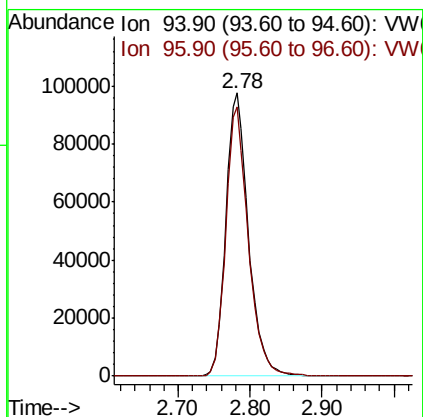
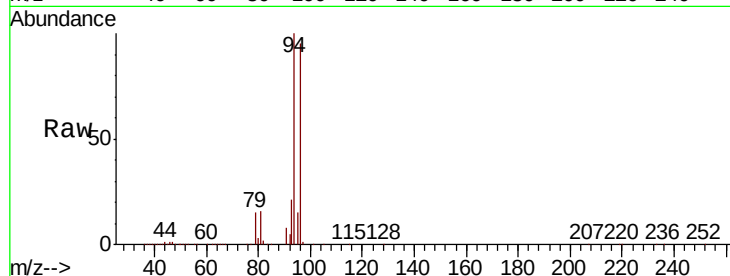
96 95.1 74.5 111.7

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#6

Chloroethane

Concen: 147.186 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW005839.D

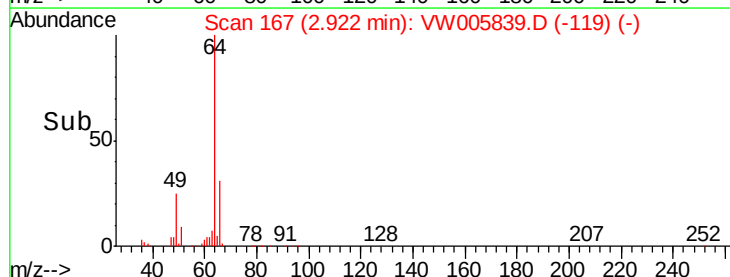
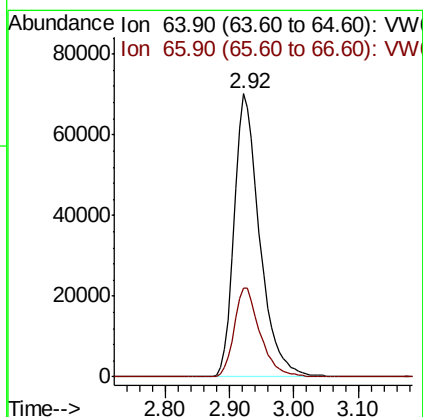
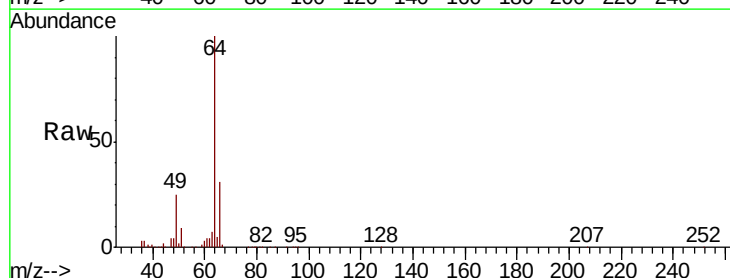
Acq: 04 Oct 2018 05:46

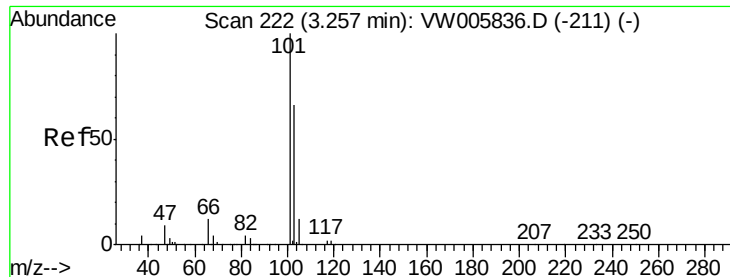
Tgt Ion: 64 Resp: 193460

Ion Ratio Lower Upper

64 100

66 31.4 25.0 37.6





#7

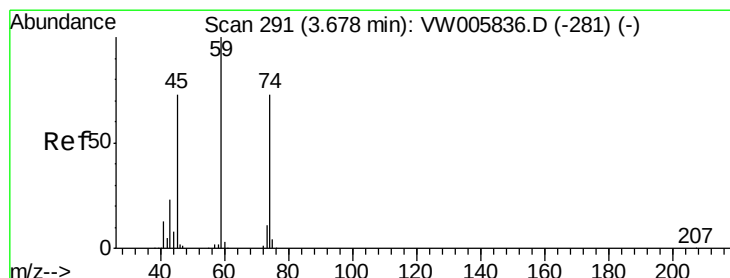
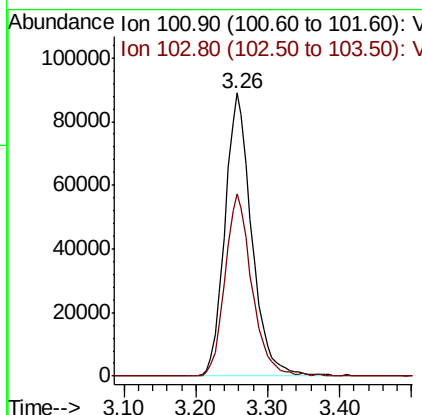
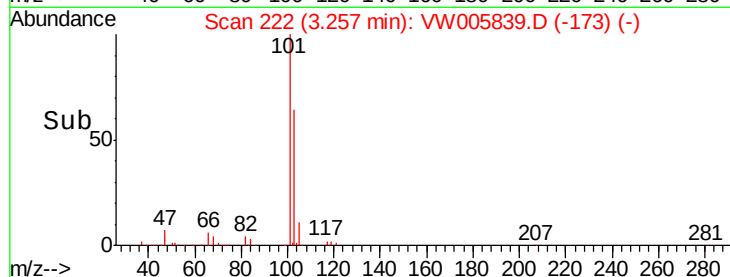
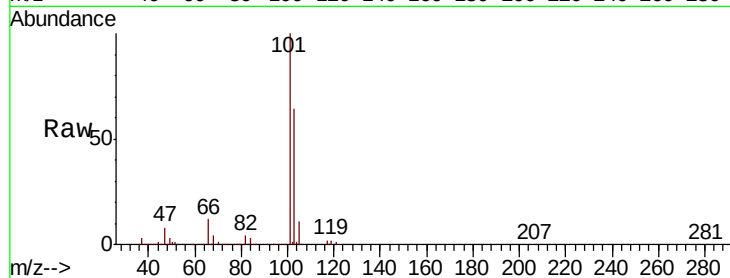
Trichlorofluoromethane
 Concen: 146.291 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VW005839.D
 Acq: 04 Oct 2018 05:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.4	52.5	78.7

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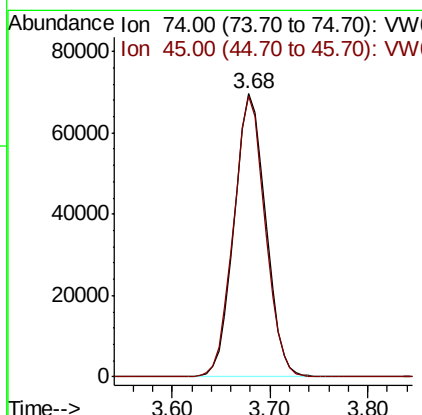
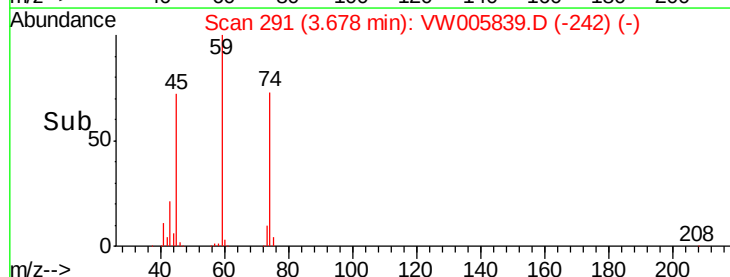
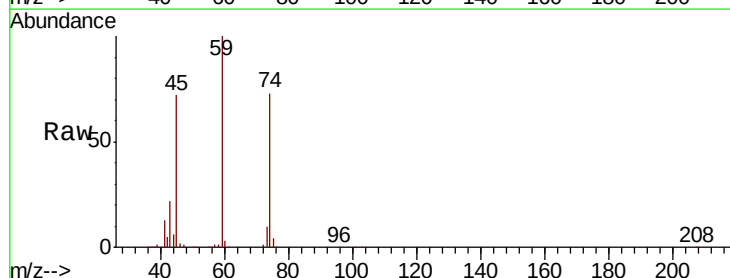
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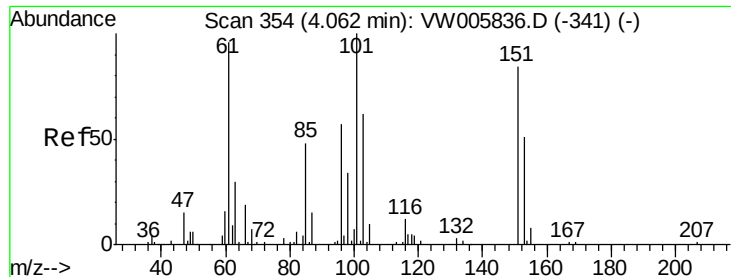


#8

Diethyl Ether
 Concen: 147.934 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW005839.D
 Acq: 04 Oct 2018 05:46

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.6	49.1	147.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 140.449 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW005839.D

Acq: 04 Oct 2018 05:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion:101 Resp: 283662

Ion Ratio Lower Upper

101 100

85 45.1 35.5 53.3

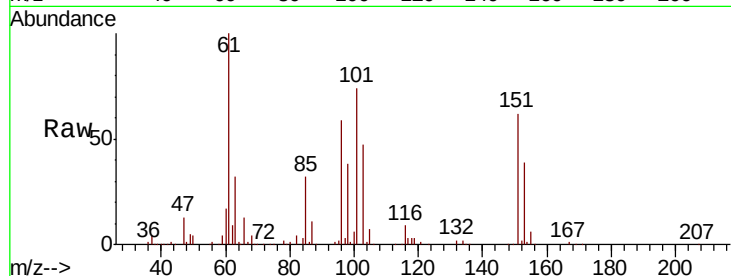
151 84.5 67.4 101.2

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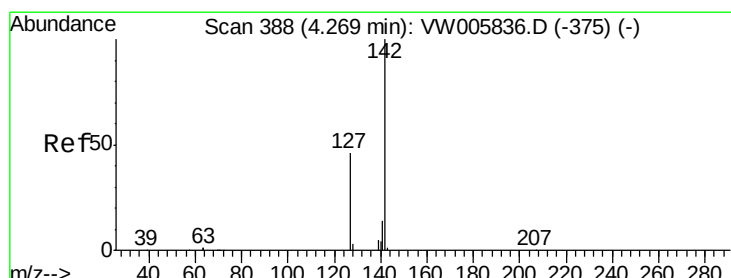
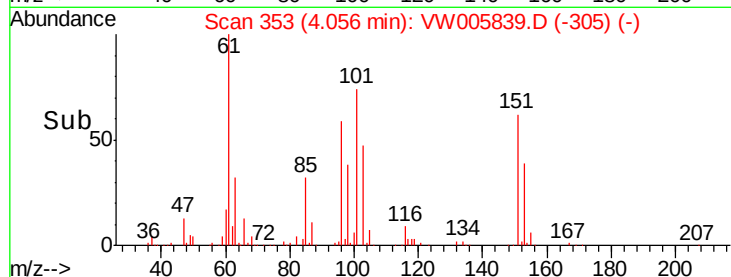
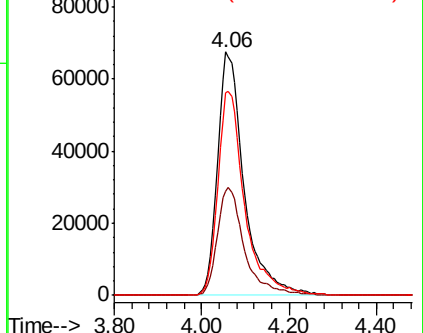
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Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 153.805 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW005839.D

Acq: 04 Oct 2018 05:46

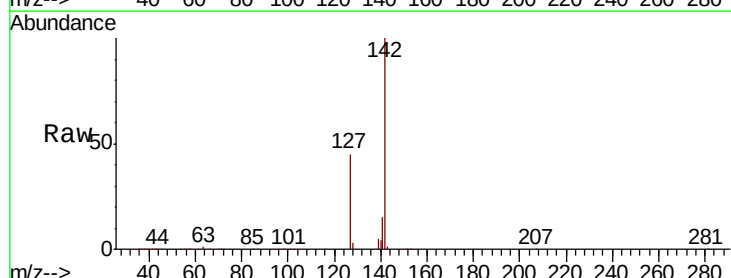
Tgt Ion:142 Resp: 483416

Ion Ratio Lower Upper

142 100

127 45.2 37.4 56.0

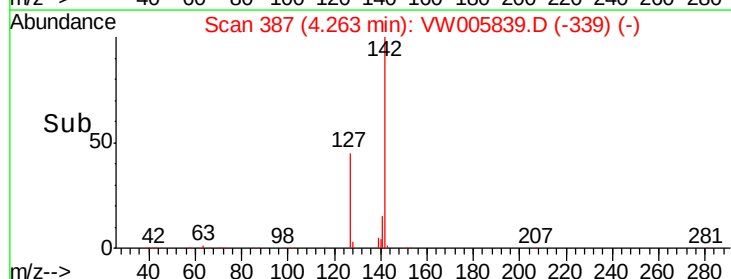
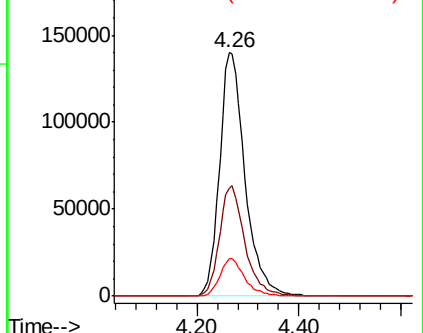
141 15.1 12.2 18.2

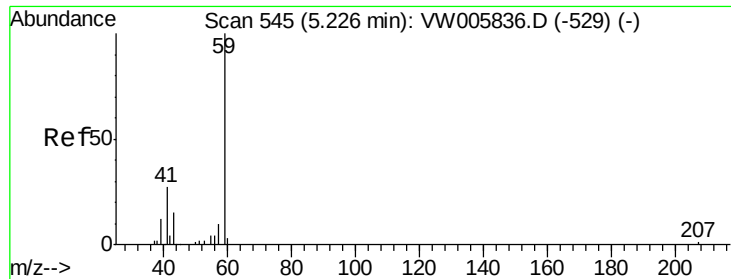


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

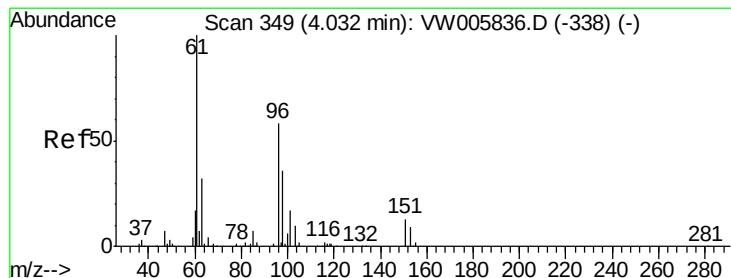
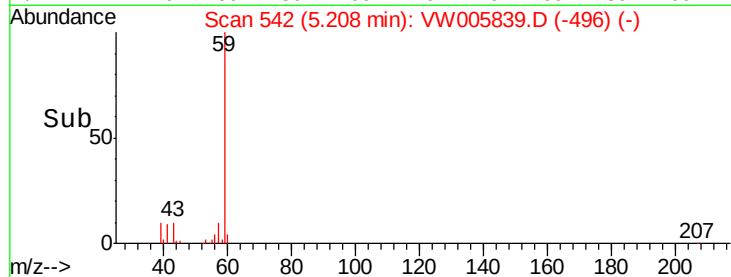
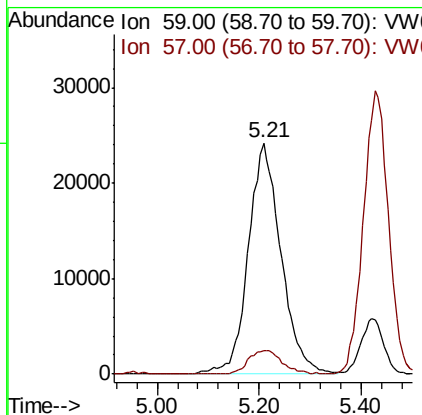
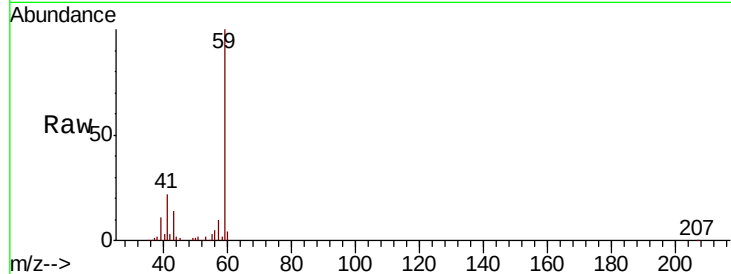
Tert butyl alcohol
Concen: 743.641 ug/l
RT: 5.21 min Scan# 542
Delta R.T. -0.02 min
Lab File: VW005839.D
Acq: 04 Oct 2018 05:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	59	57	Ratio	100	10.5	Resp	Lower	Upper
59	100							
57		10.5				4.9		7.3#

Manual Integrations
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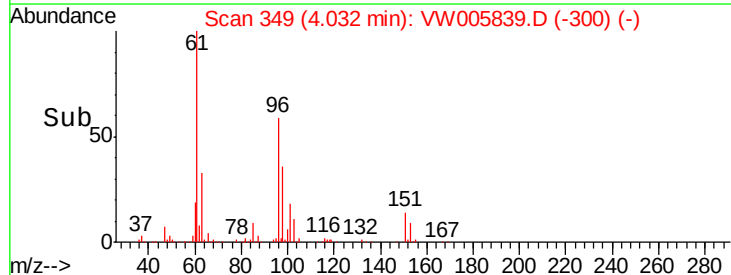
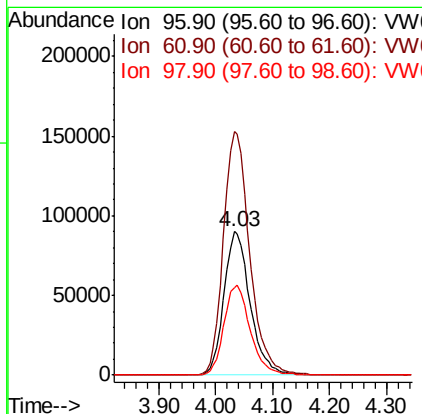
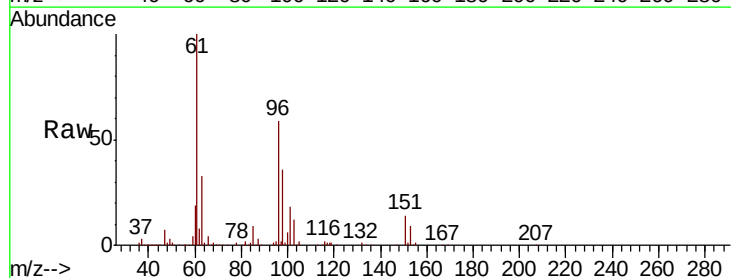
apatel
10/4/2018 2:48:04 PM

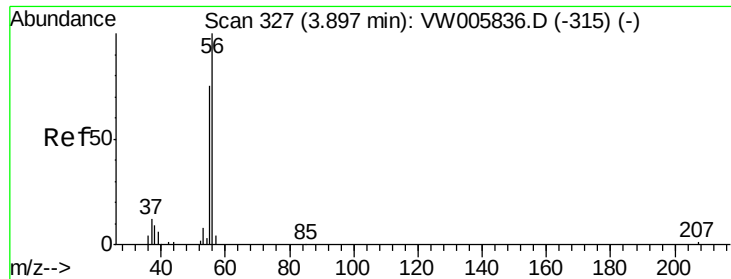


#12

1,1-Dichloroethene
Concen: 147.917 ug/l
RT: 4.03 min Scan# 349
Delta R.T. 0.00 min
Lab File: VW005839.D
Acq: 04 Oct 2018 05:46

Tgt Ion	96	61	98	Ratio	100	169.9	61.2	Resp	Lower	Upper
96	100									
61		169.9				138.8		208.2		
98			61.2			50.6		75.8		





#13

Acrolein

Concen: 1014.157 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW005839.D

Acq: 04 Oct 2018 05:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 56 Resp: 113746

Ion Ratio Lower Upper

56 100

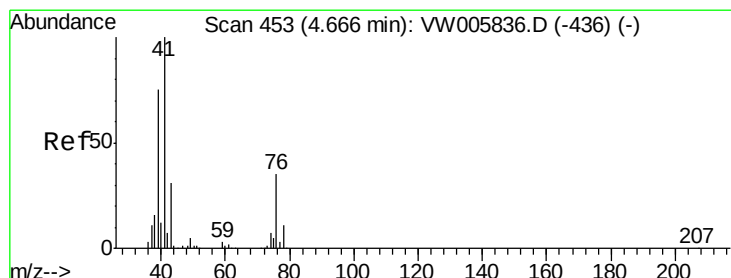
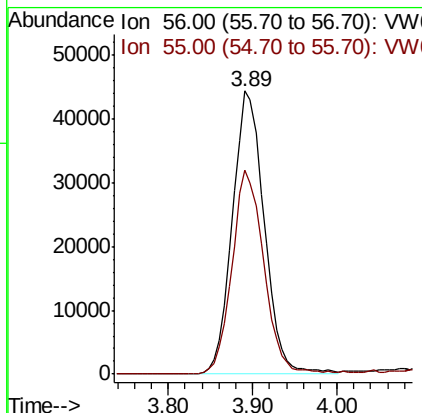
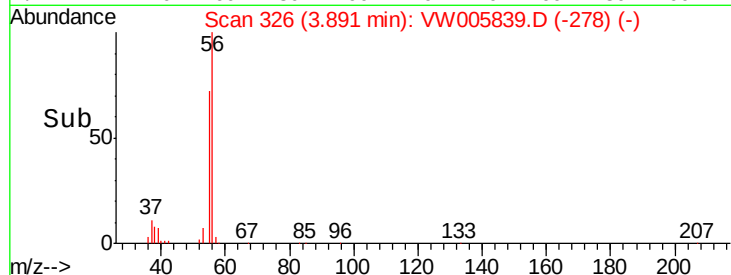
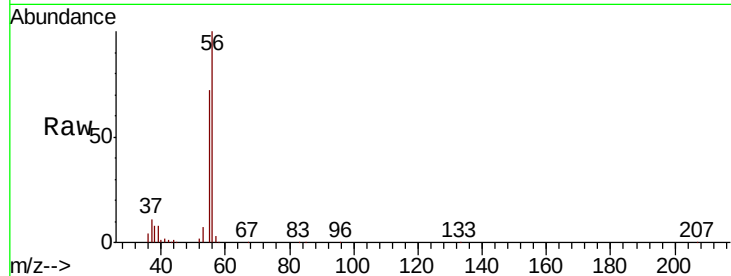
55 72.4 59.2 88.8

Manual Integrations

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#14

Allyl chloride

Concen: 145.905 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW005839.D

Acq: 04 Oct 2018 05:46

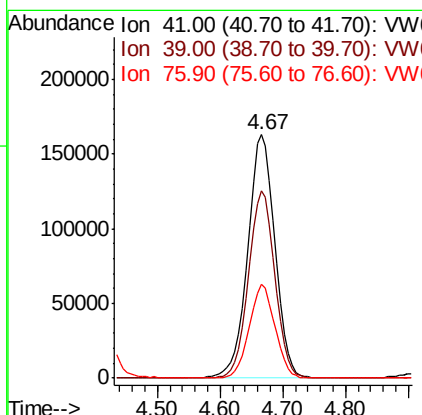
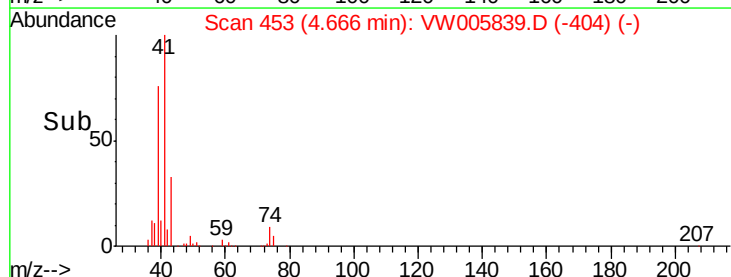
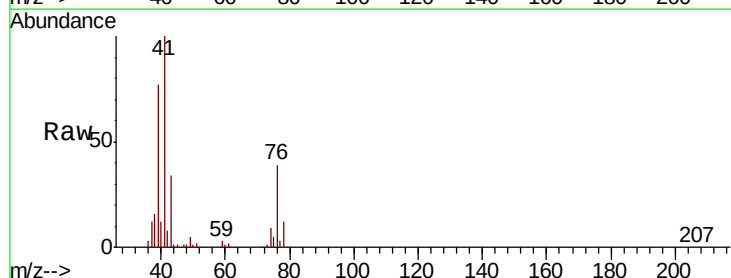
Tgt Ion: 41 Resp: 489115

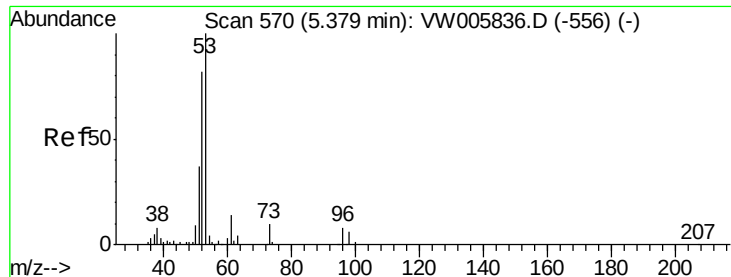
Ion Ratio Lower Upper

41 100

39 74.8 60.3 90.5

76 36.3 28.9 43.3





#15

Acrylonitrile

Concen: 749.477 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.01 min

Lab File: VW005839.D

Acq: 04 Oct 2018 05:46

Instrument :

MSVOA_W

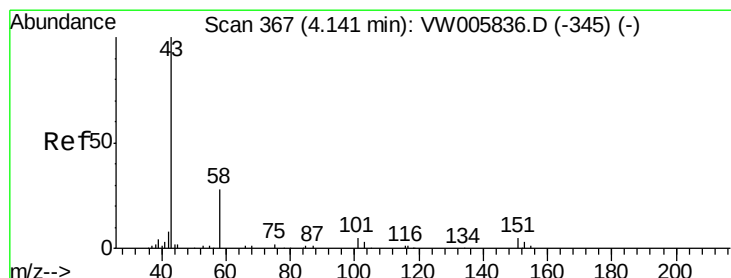
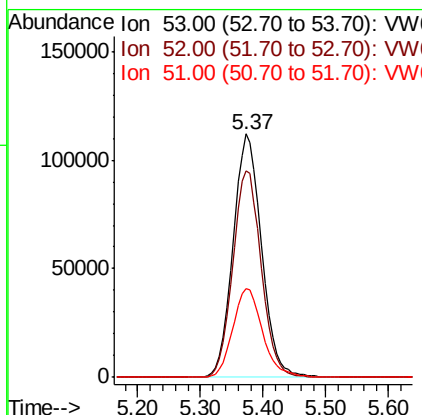
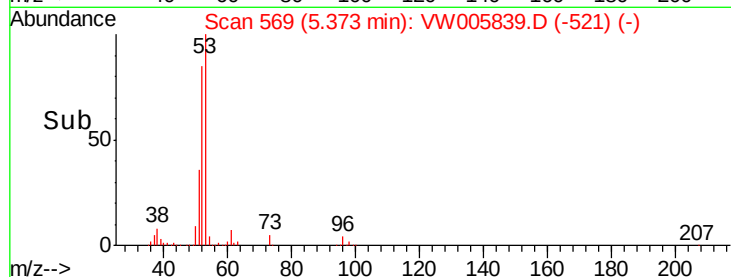
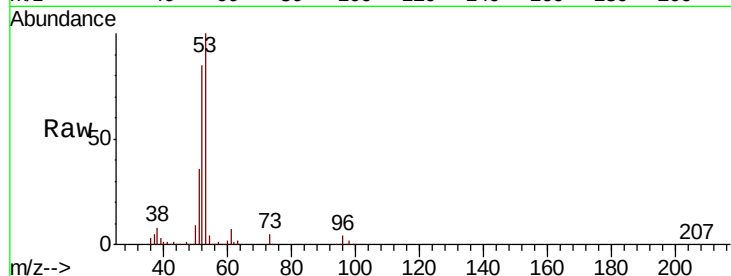
ClientSampleId :

VSTDIC150

Tot Ion:	53	Resp:	352086
Ion Ratio	Lower	Upper	
53	100		
52	84.6	67.3	100.9
51	38.3	30.2	45.2

Manual Integrations
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#16

Acetone

Concen: 652.226 ug/l

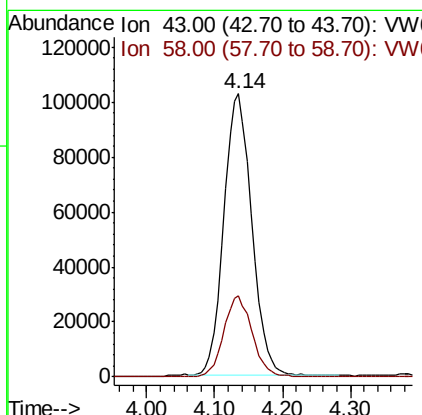
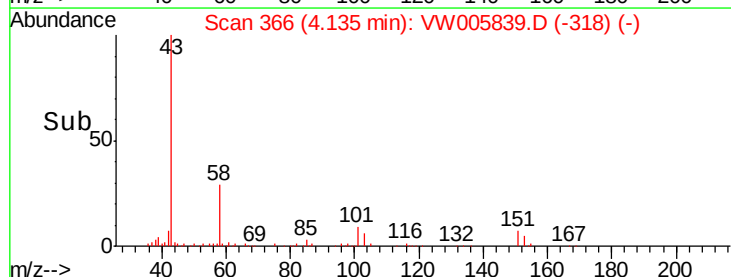
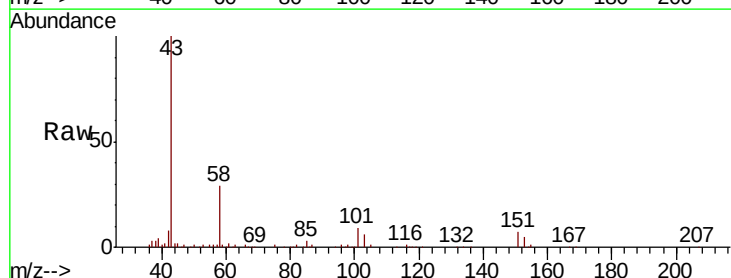
RT: 4.14 min Scan# 366

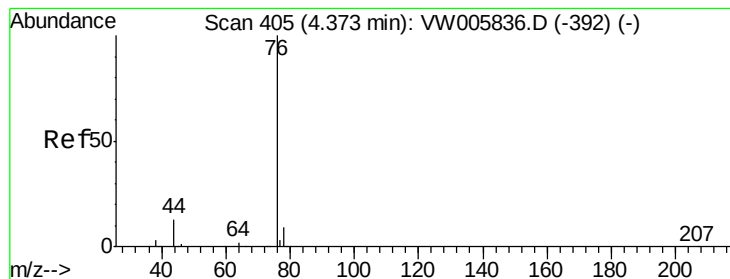
Delta R.T. -0.01 min

Lab File: VW005839.D

Acq: 04 Oct 2018 05:46

Tgt Ion:	43	Resp:	291636
Ion Ratio	Lower	Upper	
43	100		
58	28.8	23.0	34.4





#17

Carbon Disulfide

Concen: 152.469 ug/l

RT: 4.37 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW005839.D

Acq: 04 Oct 2018 05:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 76 Resp: 935117

Ion Ratio Lower Upper

76 100

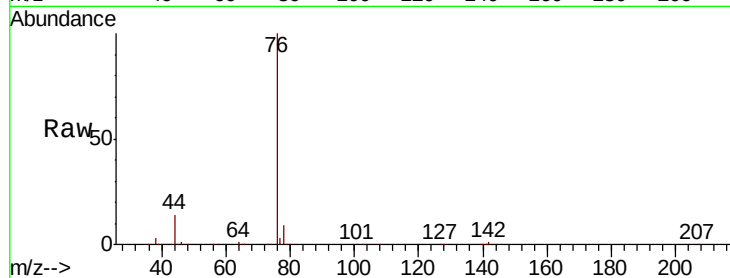
78 9.2 7.0 10.6

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.37

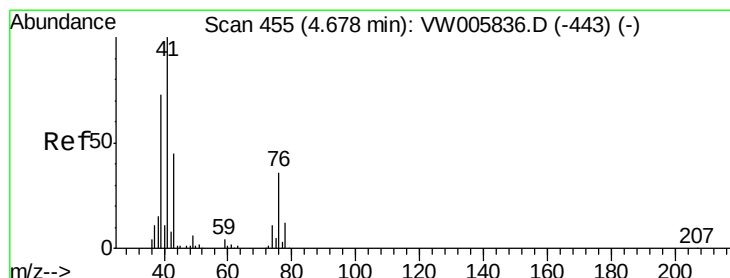
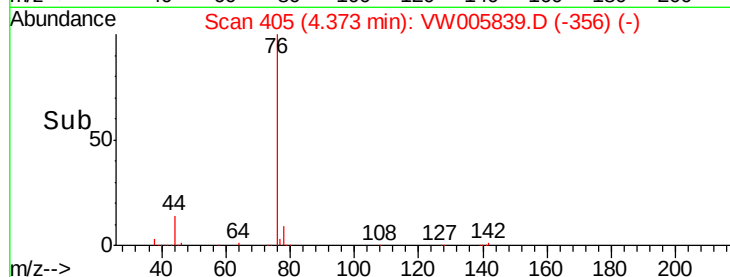
300000

200000

100000

0

Time-->



#18

Methyl Acetate

Concen: 151.145 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW005839.D

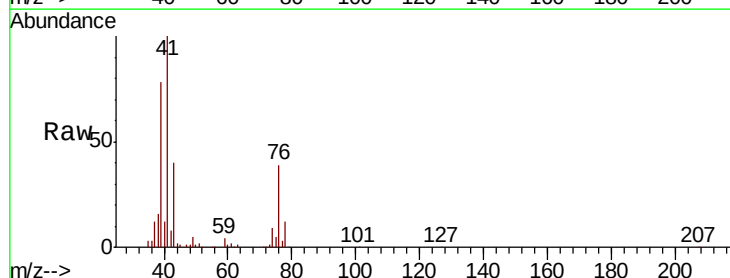
Acq: 04 Oct 2018 05:46

Tgt Ion: 43 Resp: 182106

Ion Ratio Lower Upper

43 100

74 24.1 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.67

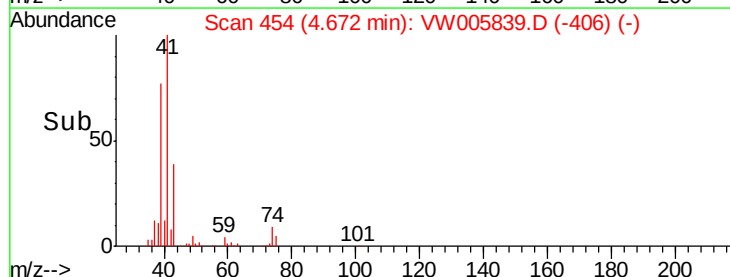
60000

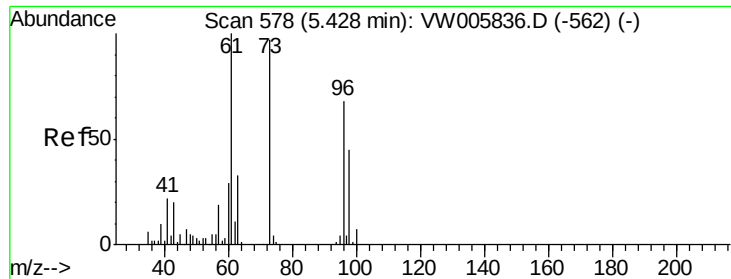
40000

20000

0

Time-->





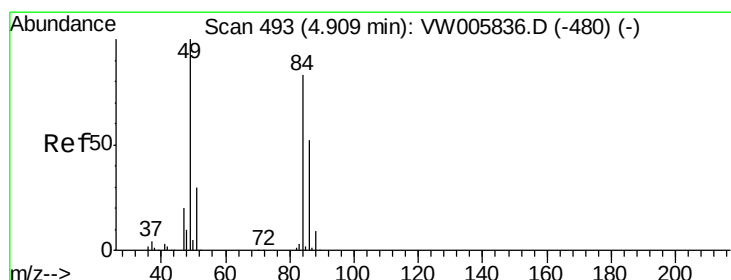
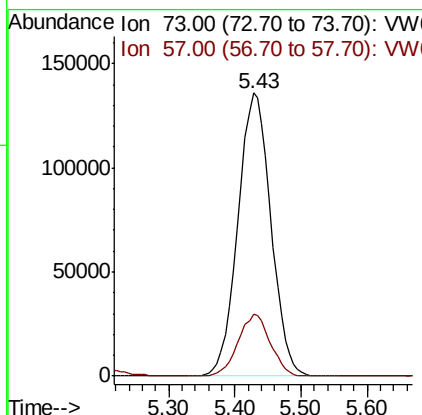
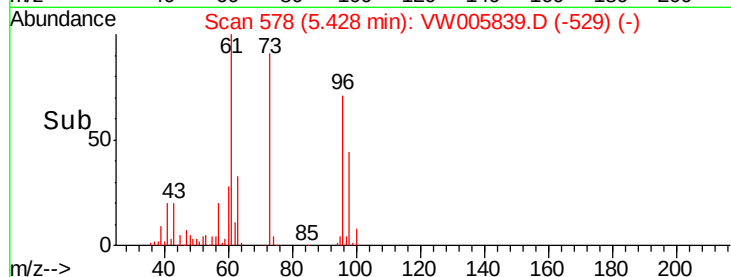
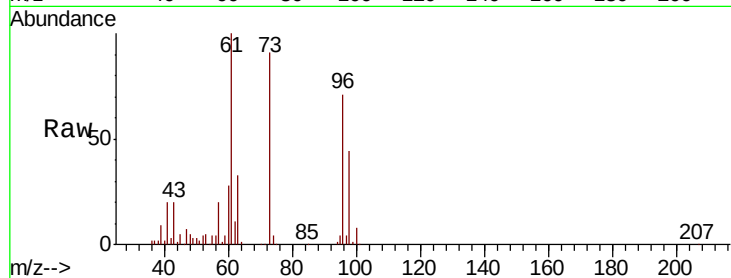
#19
Methyl tert-butyl Ether
Concen: 154.842 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW005839.D
Acq: 04 Oct 2018 05:46

Instrument :
MSVOA_W
ClientSampled :
VSTDIC150

Tot Ion: 73 Resp: 470673
Ion Ratio Lower Upper
73 100
57 21.8 15.9 23.9

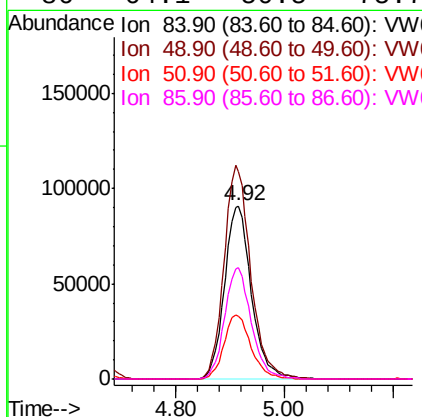
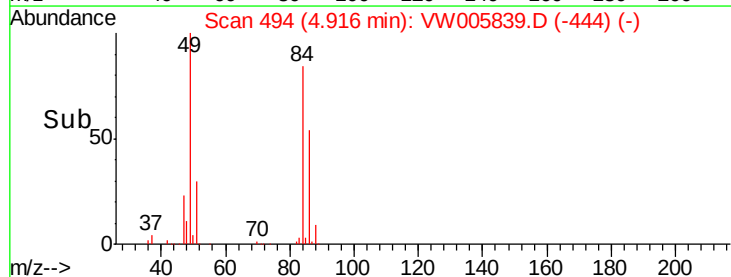
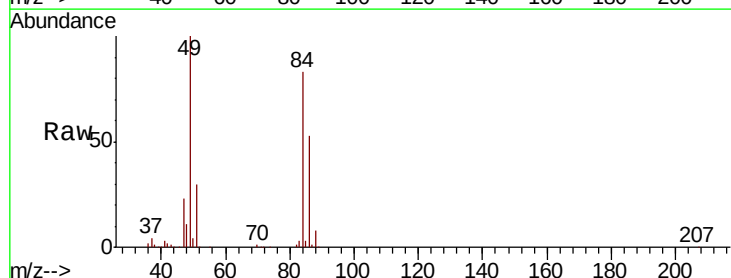
Manual Integrations
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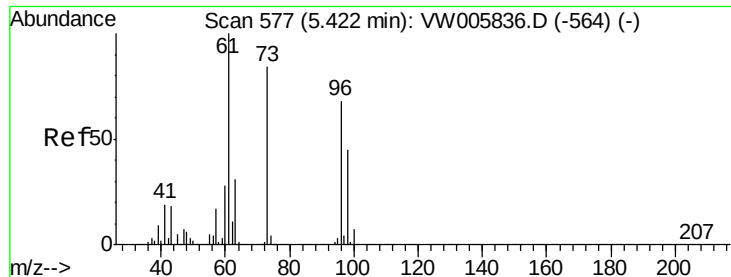
apatel
10/4/2018 2:48:04 PM



#20
Methylene Chloride
Concen: 123.722 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW005839.D
Acq: 04 Oct 2018 05:46

Tgt Ion: 84 Resp: 312868
Ion Ratio Lower Upper
84 100
49 119.9 96.8 145.2
51 36.1 28.8 43.2
86 64.1 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 151.690 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW005839.D

Acq: 04 Oct 2018 05:46

Instrument :

MSVOA_W

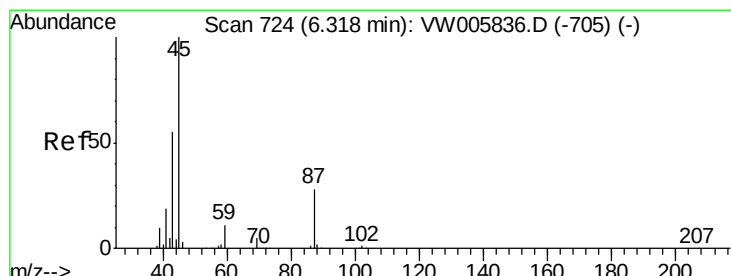
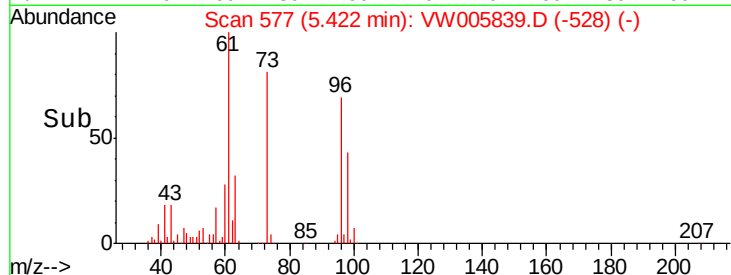
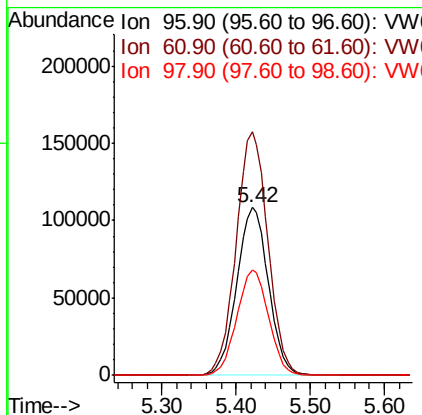
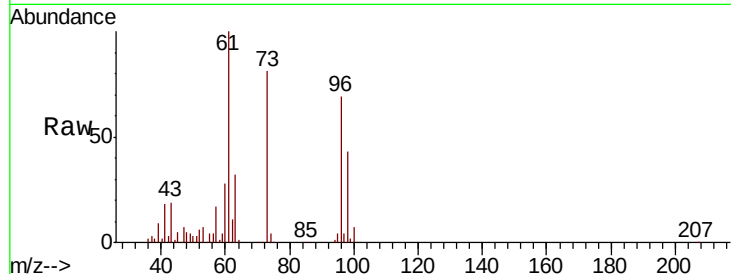
ClientSampleId :

VSTDIC150

Tot Ion:	96	Resp:	323367
Ion	Ratio	Lower	Upper
96	100		
61	145.3	117.0	175.6
98	62.8	52.2	78.2

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10/4/2018 2:48:04 PM



#22

Diisopropyl ether

Concen: 145.420 ug/l

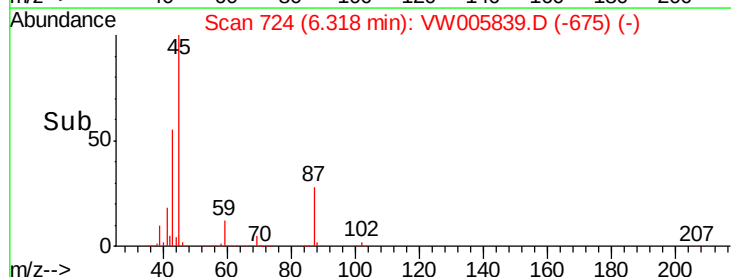
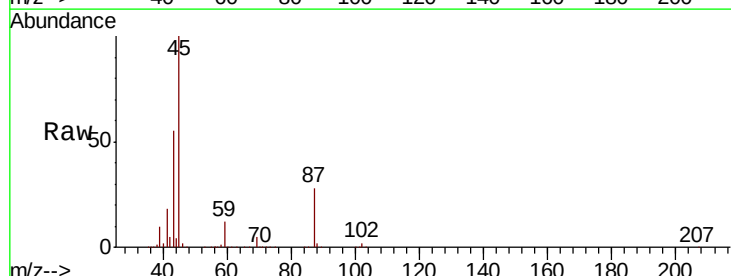
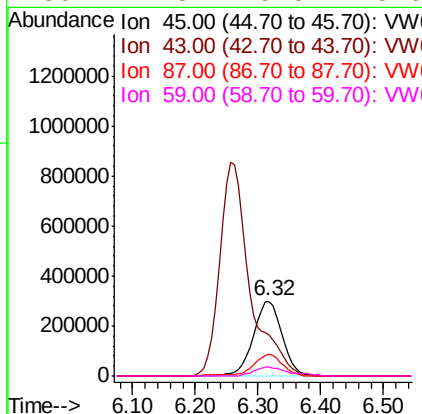
RT: 6.32 min Scan# 724

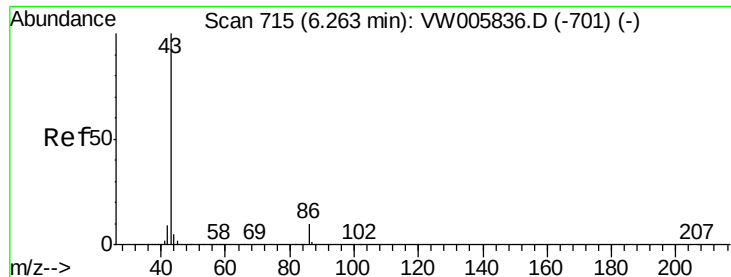
Delta R.T. 0.00 min

Lab File: VW005839.D

Acq: 04 Oct 2018 05:46

Tgt Ion:	45	Resp:	949657
Ion	Ratio	Lower	Upper
45	100		
43	55.0	44.6	67.0
87	28.3	23.4	35.2
59	11.8	9.0	13.6





#23

Vinyl Acetate

Concen: 757.132 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW005839.D

Acq: 04 Oct 2018 05:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 2840976

Ion Ratio Lower Upper

43 100

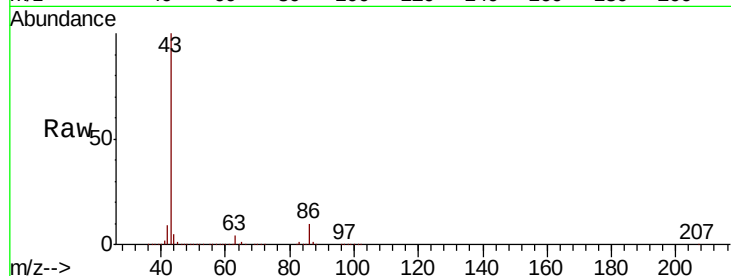
86 10.2 8.1 12.1

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

1000000

800000

600000

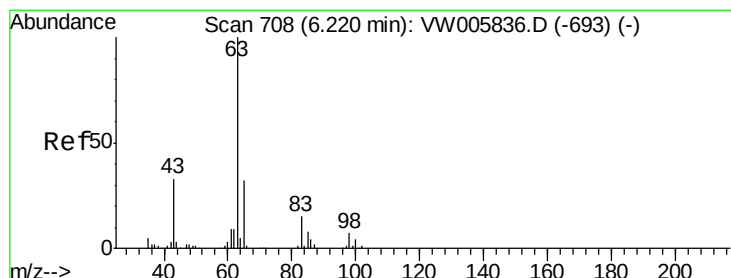
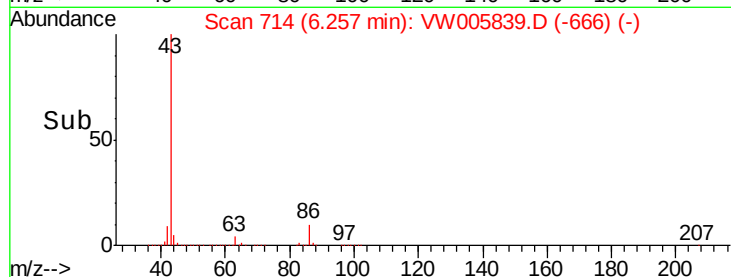
400000

200000

0

6.10 6.20 6.30 6.40 6.50

Time-->



#24

1,1-Dichloroethane

Concen: 144.196 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW005839.D

Acq: 04 Oct 2018 05:46

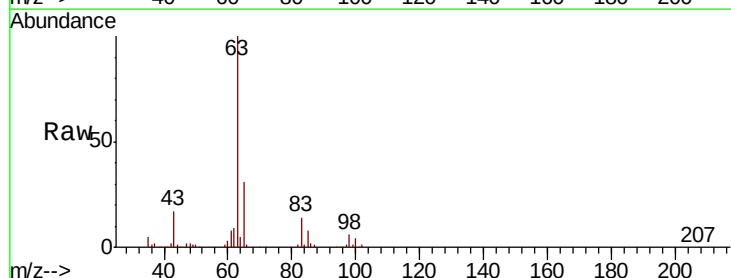
Tgt Ion: 63 Resp: 584709

Ion Ratio Lower Upper

63 100

98 6.2 3.5 10.5

100 3.9 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

250000

200000

150000

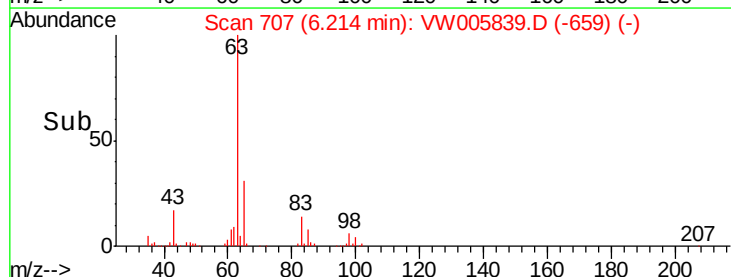
100000

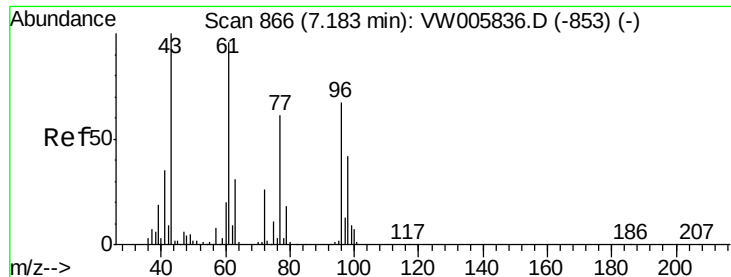
50000

0

6.10 6.20 6.30 6.40

Time-->





#25

2-Butanone

Concen: 727.001 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.01 min

Lab File: VW005839.D

Acq: 04 Oct 2018 05:46

Instrument :

MSVOA_W

ClientSampled :

VSTDIC150

Tot Ion: 43 Resp: 446075

Ion Ratio Lower Upper

43 100

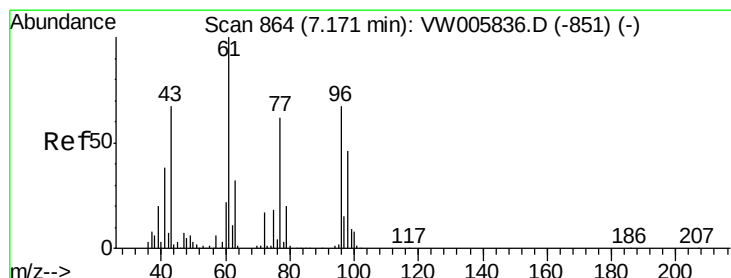
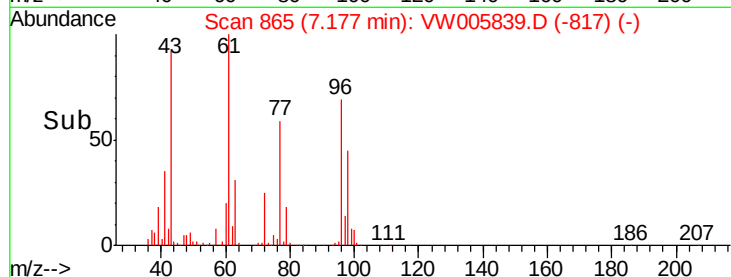
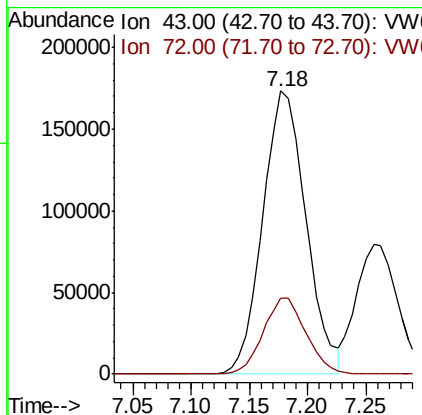
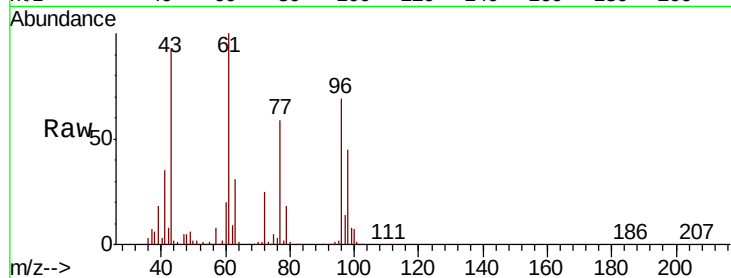
72 27.0 20.9 31.3

Manual Integrations

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apatel

10/4/2018 2:48:04 PM



#26

2,2-Dichloropropane

Concen: 123.214 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW005839.D

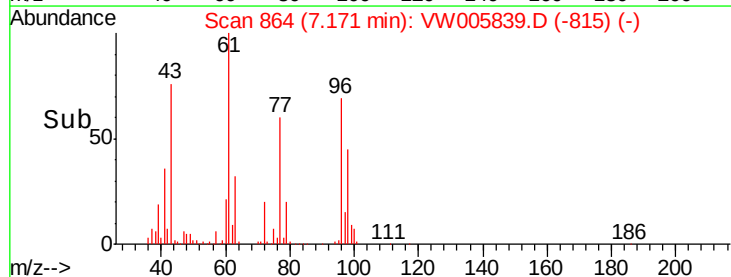
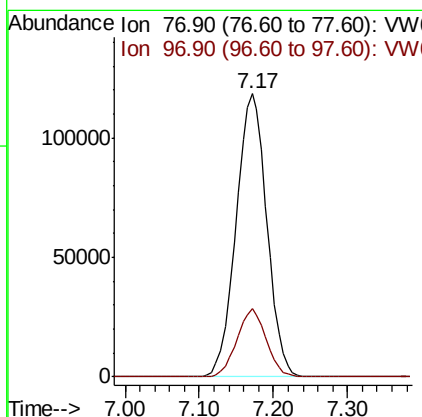
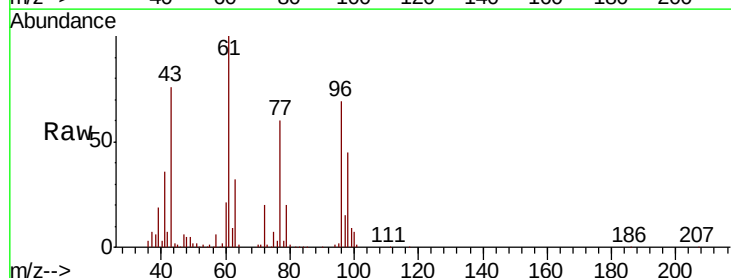
Acq: 04 Oct 2018 05:46

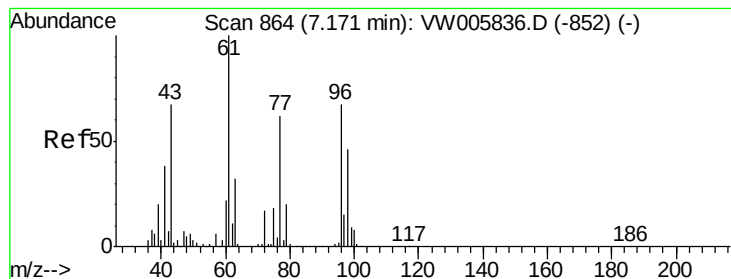
Tgt Ion: 77 Resp: 342030

Ion Ratio Lower Upper

77 100

97 22.9 11.7 35.0





#27

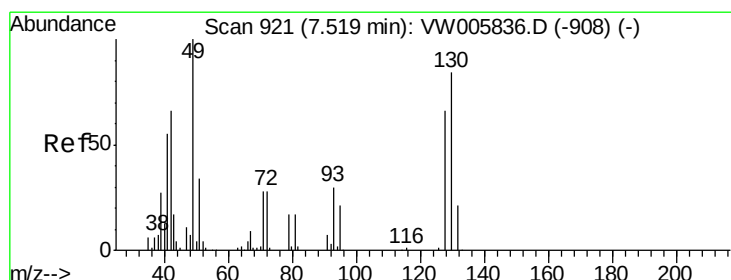
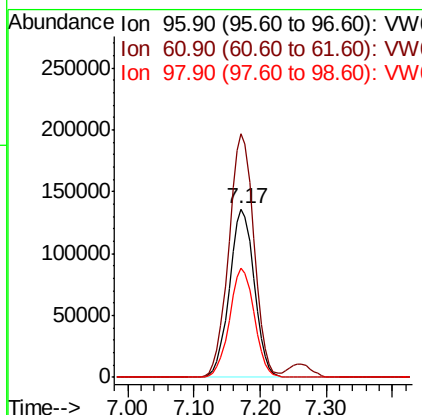
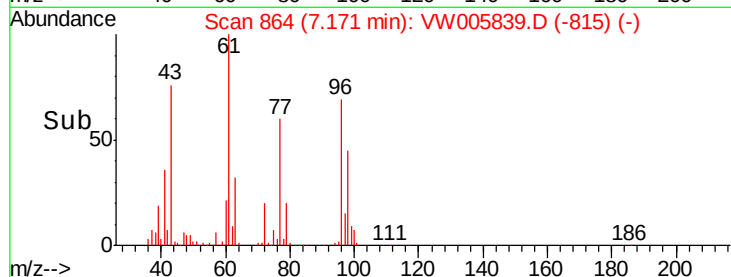
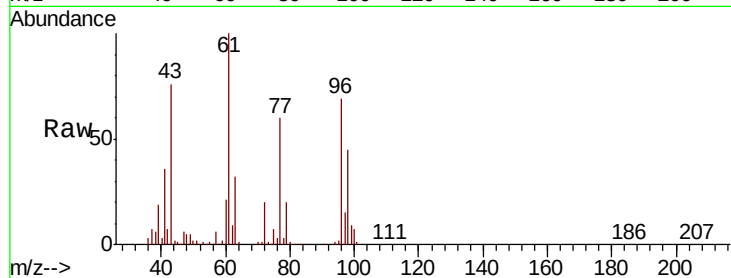
cis-1,2-Dichloroethene
 Concen: 150.602 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW005839.D
 Acq: 04 Oct 2018 05:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	146.4	0.0	296.4	
98	64.7	0.0	131.4	

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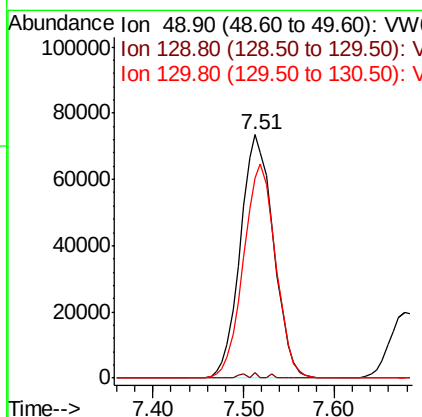
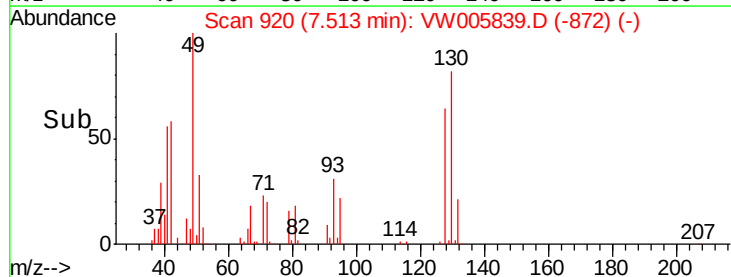
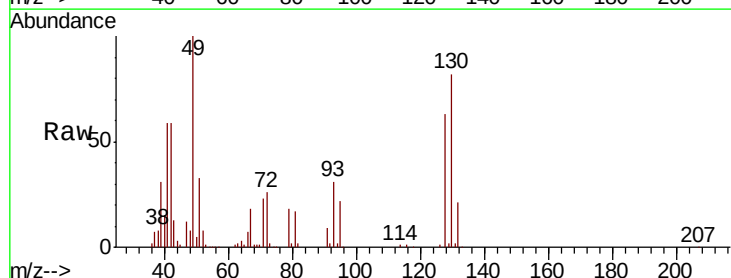
apatel
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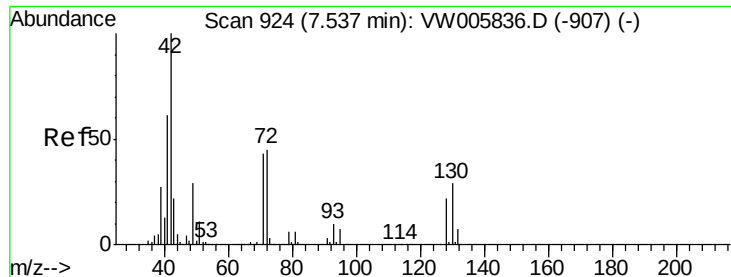


#28

Bromochloromethane
 Concen: 118.188 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VW005839.D
 Acq: 04 Oct 2018 05:46

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	0.3	0.0	2.2	
130	85.3	66.4	99.6	





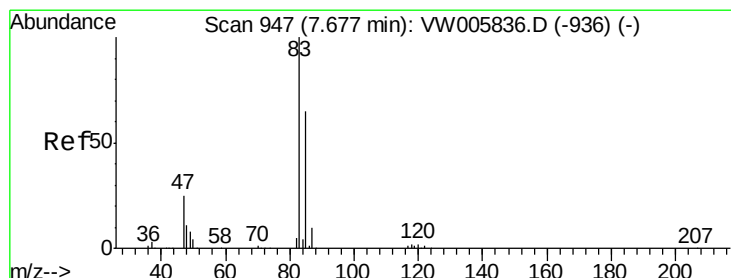
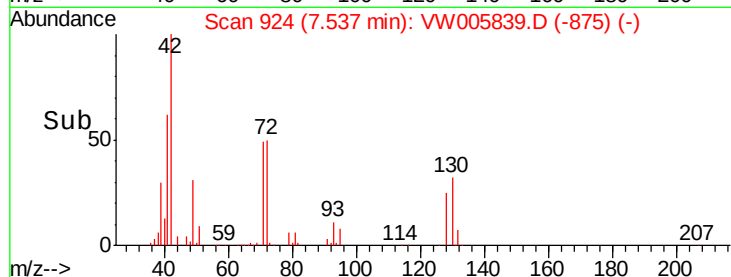
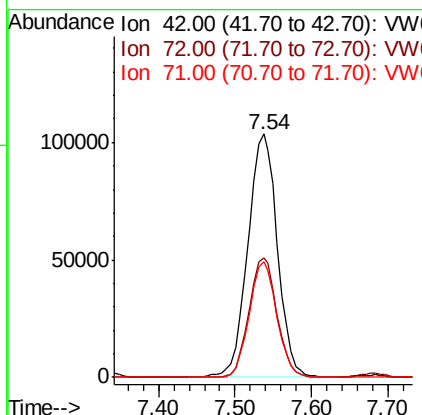
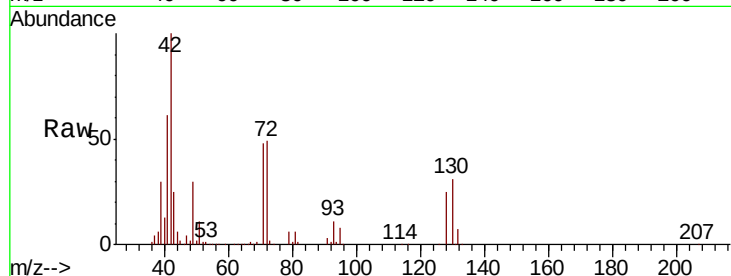
#29
Tetrahydrofuran
Concen: 725.723 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW005839.D
Acq: 04 Oct 2018 05:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.7	34.6	51.8
71	44.4	33.6	50.4

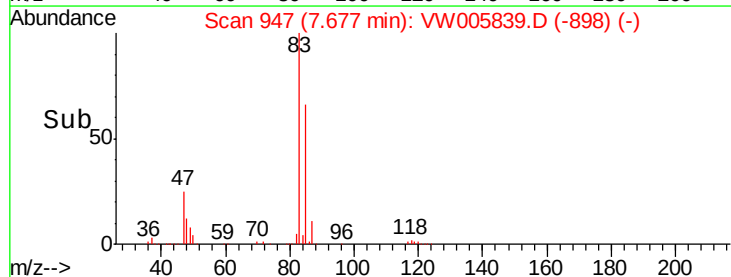
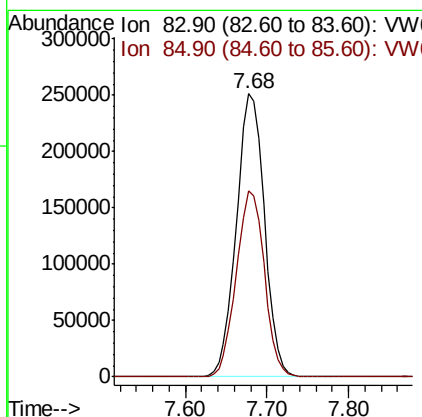
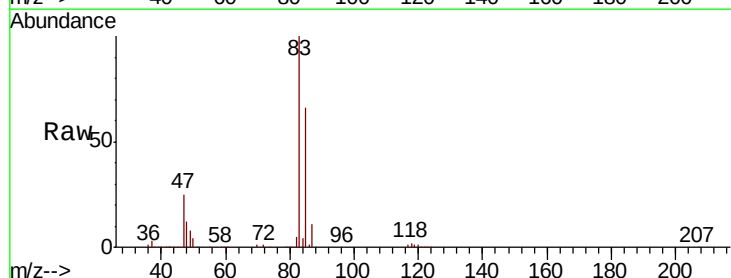
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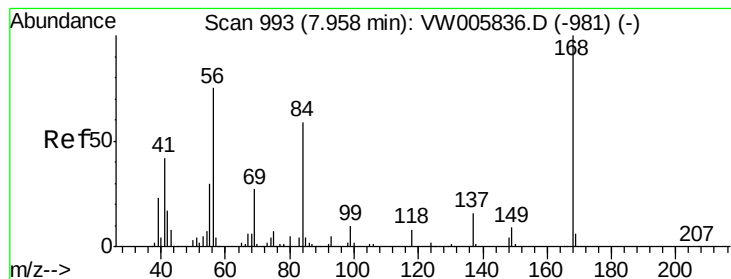
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#30
Chloroform
Concen: 142.526 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW005839.D
Acq: 04 Oct 2018 05:46

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.8	51.6	77.4





#31

Cyclohexane

Concen: 130.778 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW005839.D

Acq: 04 Oct 2018 05:46

Instrument :

MSVOA_W

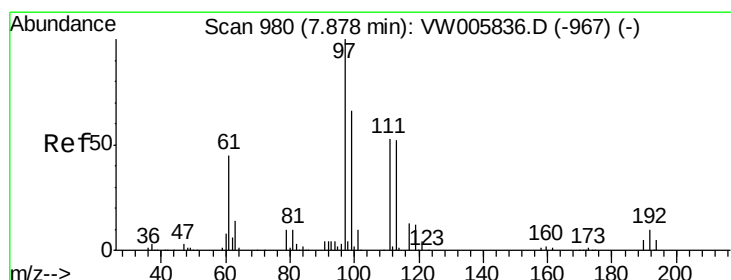
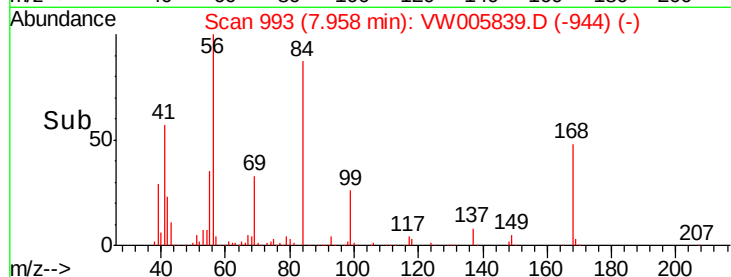
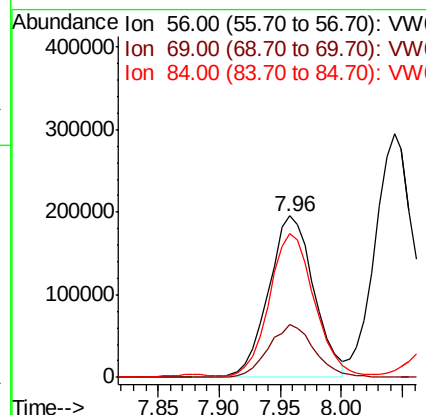
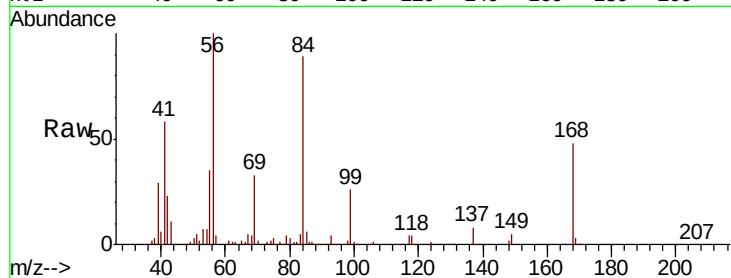
ClientSampleId :

VSTDIC150

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.1	29.0	43.4
84	87.3	63.5	95.3

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 143.096 ug/l

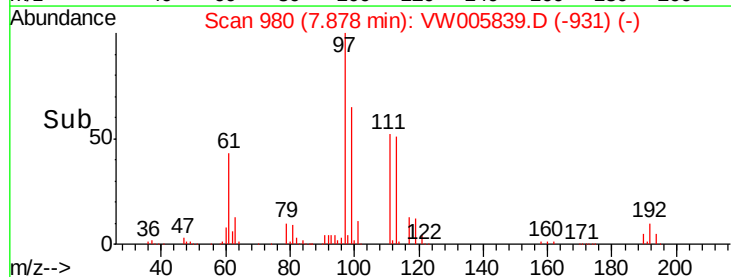
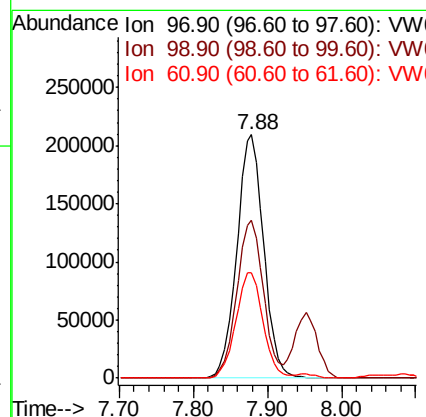
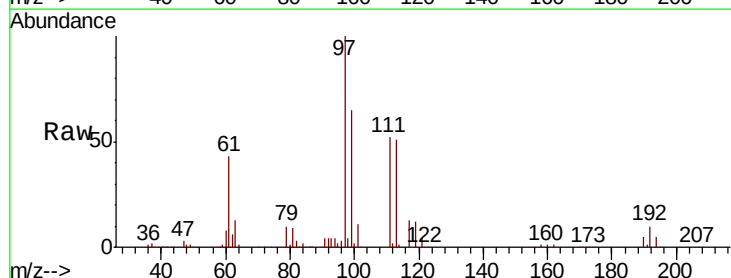
RT: 7.88 min Scan# 980

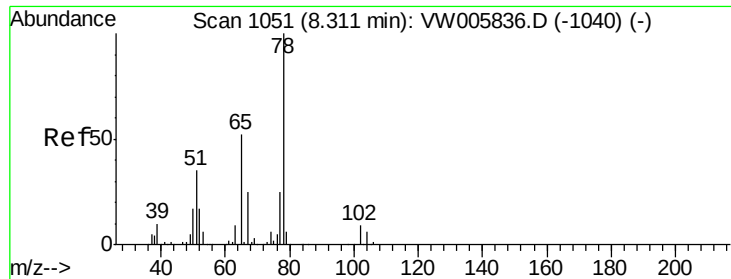
Delta R.T. 0.00 min

Lab File: VW005839.D

Acq: 04 Oct 2018 05:46

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.2	76.8
61	43.7	35.5	53.3





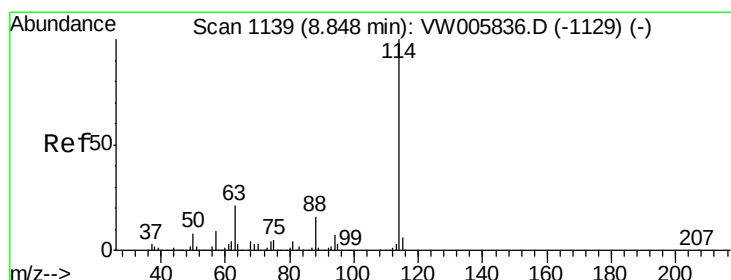
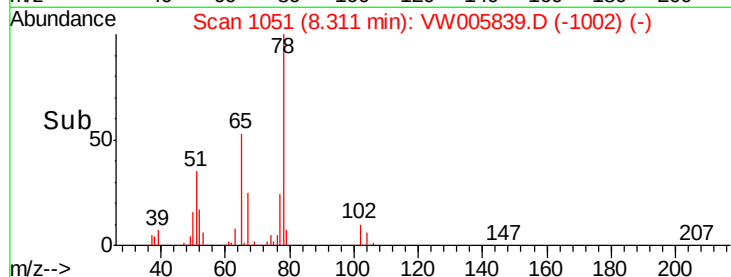
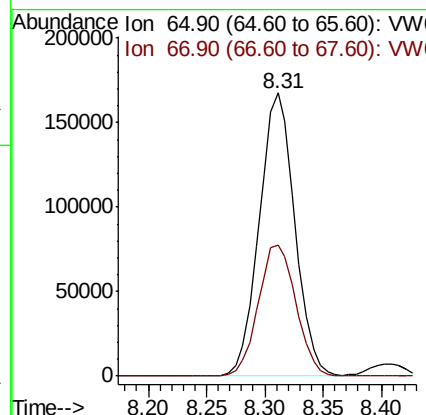
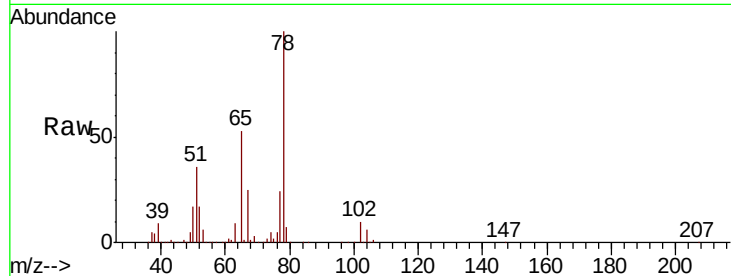
#33
 1,2-Dichloroethane-d4
 Concen: 142.504 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW005839.D
 Acq: 04 Oct 2018 05:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	49.3	0.0	98.0	

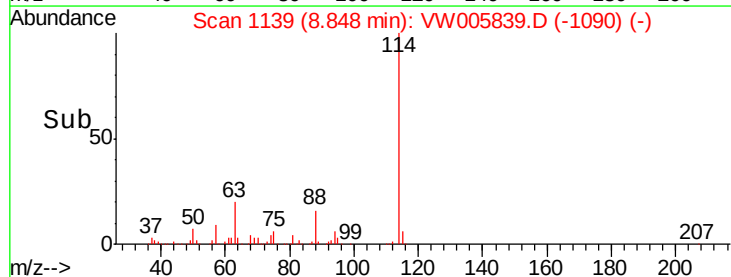
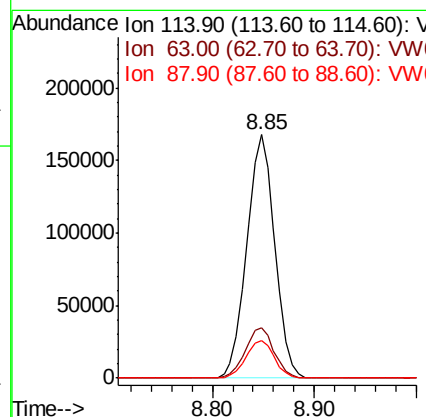
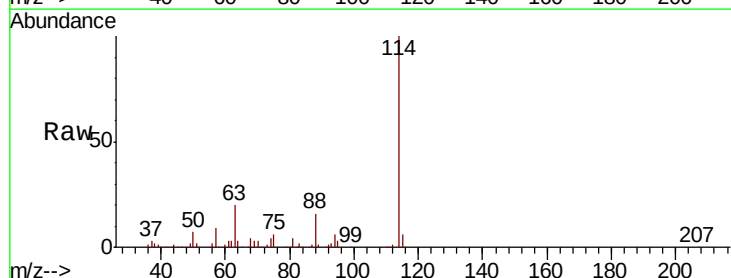
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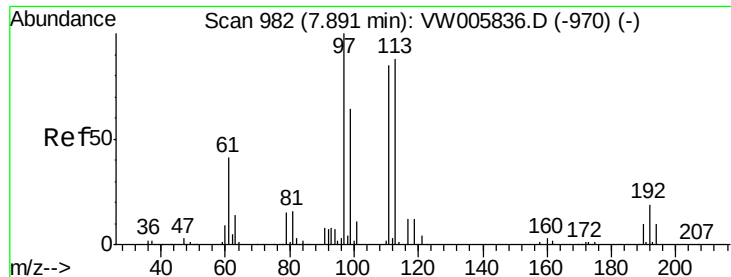
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW005839.D
 Acq: 04 Oct 2018 05:46

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.5	0.0	42.0	
88	15.6	0.0	31.2	





#35

Dibromofluoromethane

Concen: 145.508 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW005839.D

Acq: 04 Oct 2018 05:46

Instrument :

MSVOA_W

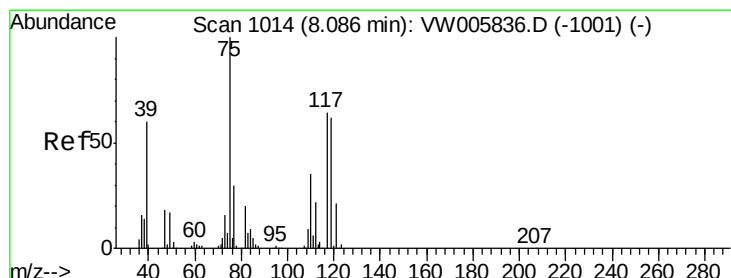
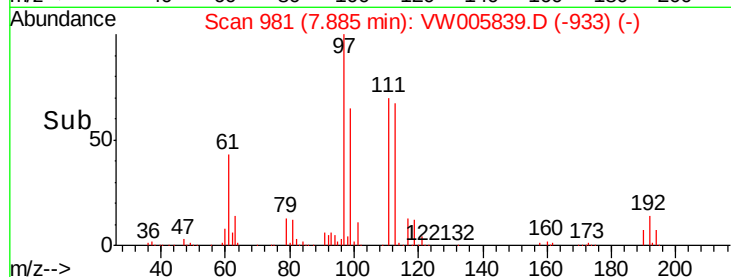
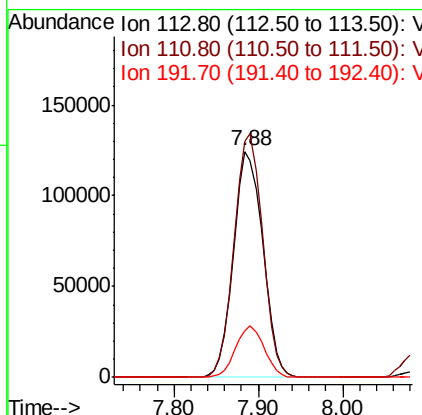
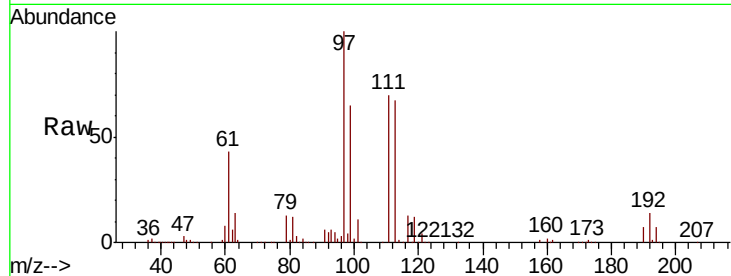
ClientSampleId :

VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
113	100	293996		
111	104.7	81.4	122.2	
192	22.0	17.3	25.9	

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#36

1,1-Dichloropropene

Concen: 145.448 ug/l

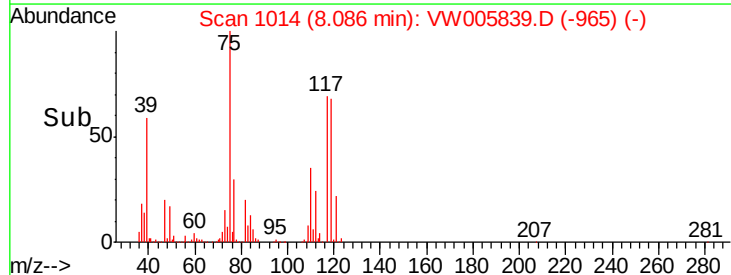
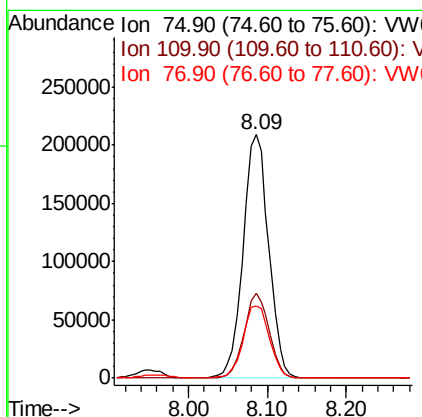
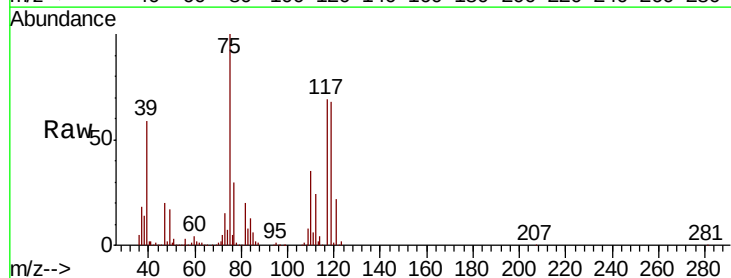
RT: 8.09 min Scan# 1014

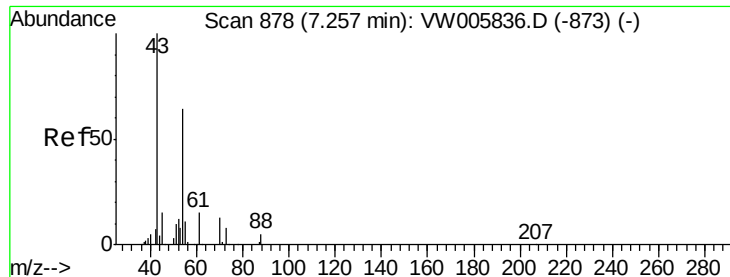
Delta R.T. 0.00 min

Lab File: VW005839.D

Acq: 04 Oct 2018 05:46

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	470334		
110	33.9	17.5	52.6	
77	30.8	24.8	37.2	





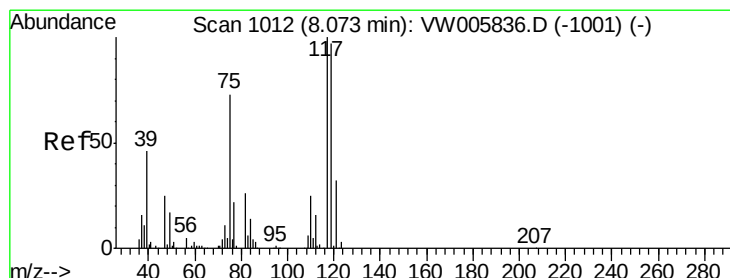
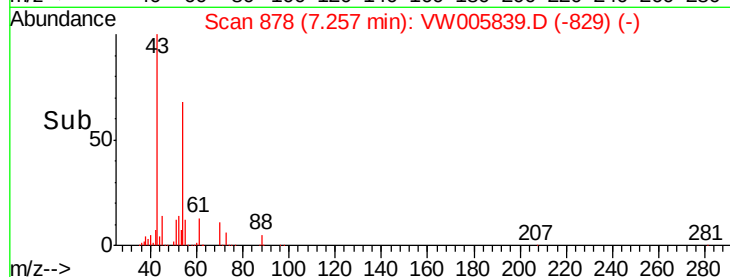
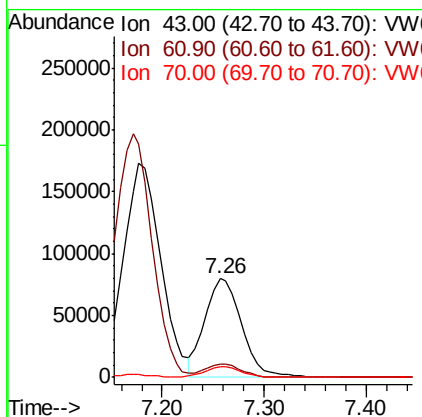
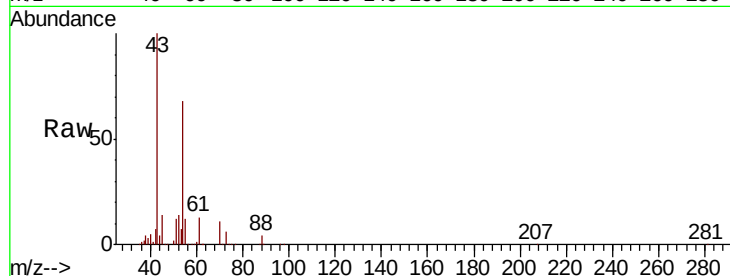
#37
Ethyl Acetate
Concen: 146.336 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW005839.D
Acq: 04 Oct 2018 05:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.2	16.8
70	11.0	8.6	13.0

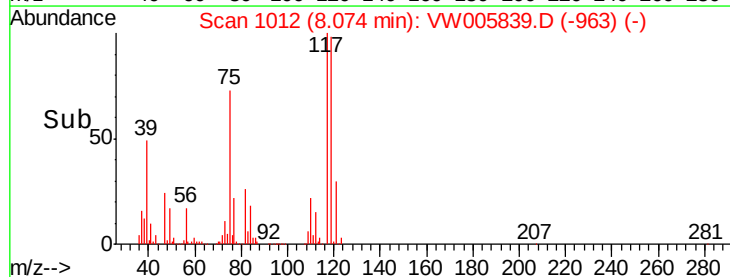
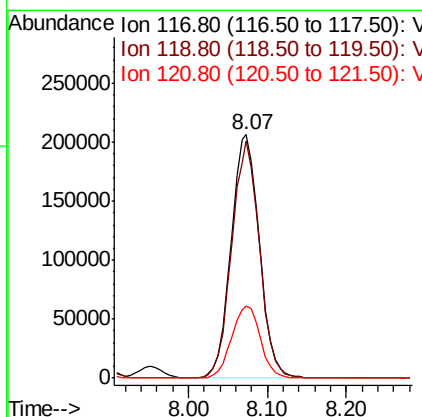
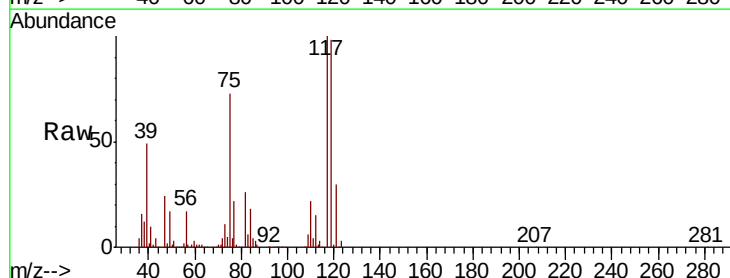
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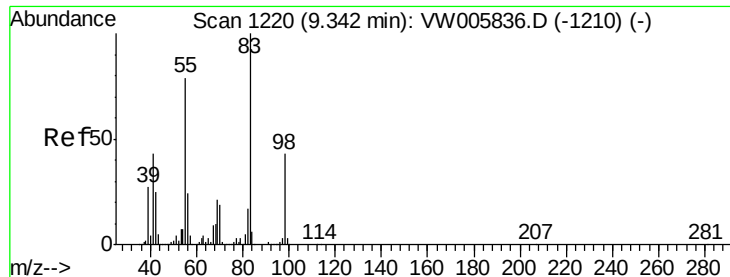
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#38
Carbon Tetrachloride
Concen: 147.826 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW005839.D
Acq: 04 Oct 2018 05:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.6	77.9	116.9
121	29.5	25.2	37.8





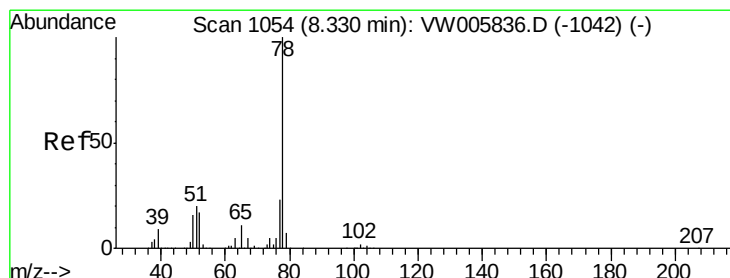
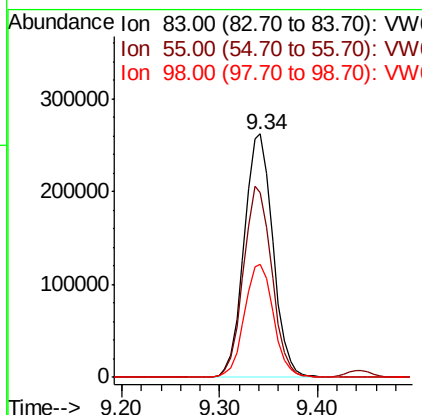
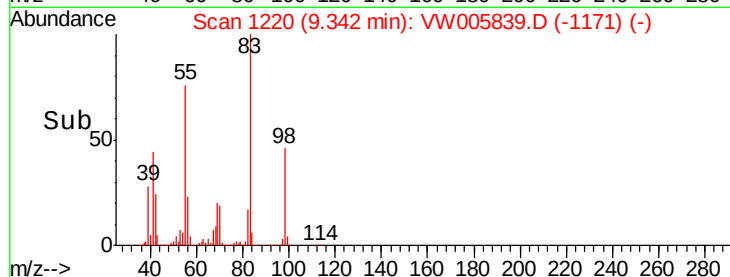
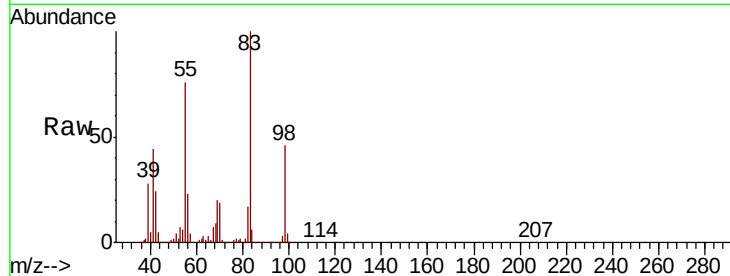
#39
Methylvlcyclohexane
Concen: 140.969 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW005839.D
Acq: 04 Oct 2018 05:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.1	63.0	94.4
98	46.4	34.5	51.7

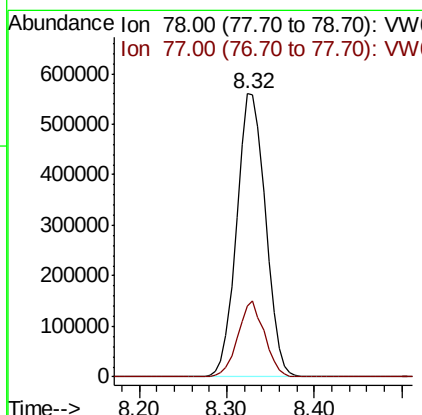
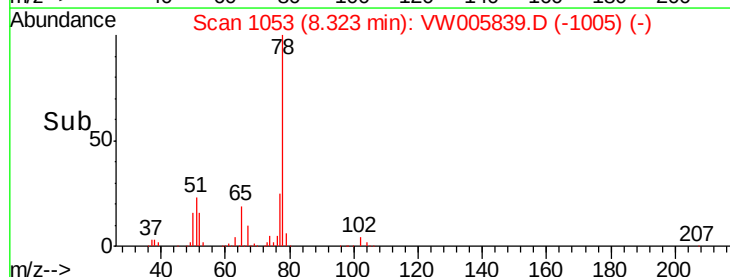
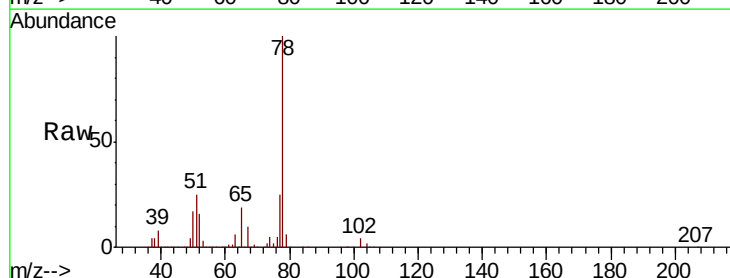
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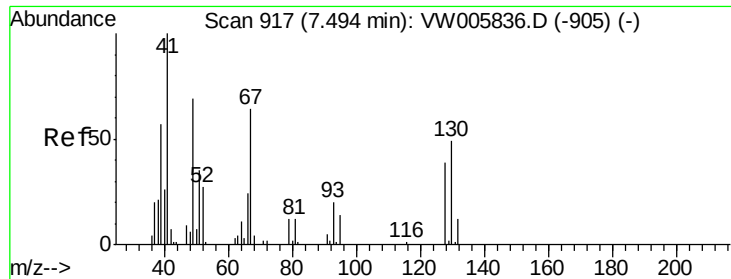
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#40
Benzene
Concen: 139.648 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW005839.D
Acq: 04 Oct 2018 05:46

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.9	18.6	28.0





#41

Methacrylonitrile

Concen: 152.805 ug/l

RT: 7.49 min Scan# 916

Delta R.T. -0.01 min

Lab File: VW005839.D

Acq: 04 Oct 2018 05:46

Instrument :

MSVOA_W

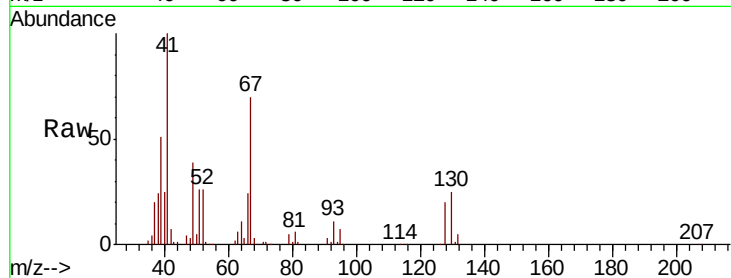
ClientSampleId :

VSTDIC150

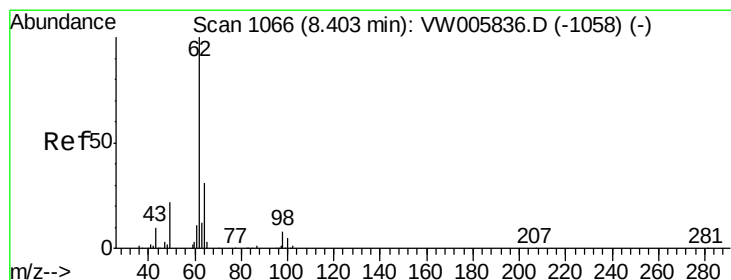
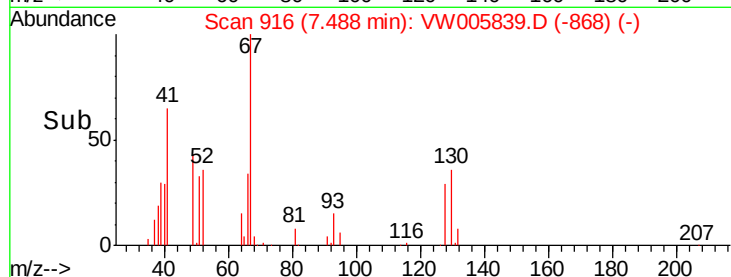
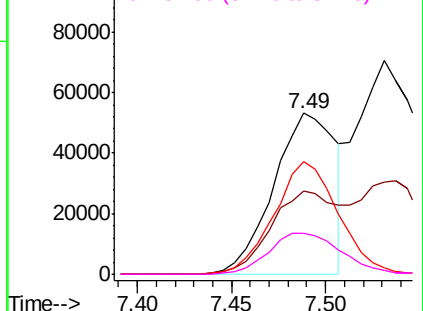
Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		121127		
39	60.5	45.6	68.4		
67	72.7	53.6	80.4		
52	30.2	23.9	35.9		

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



#42

1,2-Dichloroethane

Concen: 144.335 ug/l

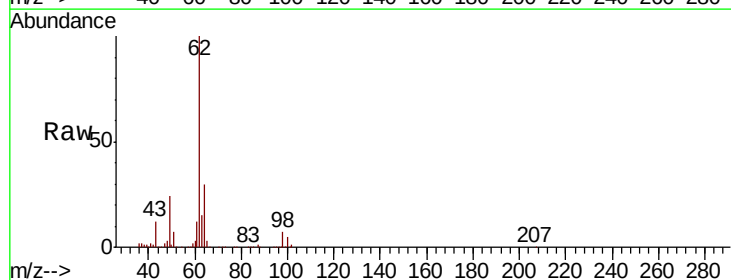
RT: 8.40 min Scan# 1066

Delta R.T. 0.00 min

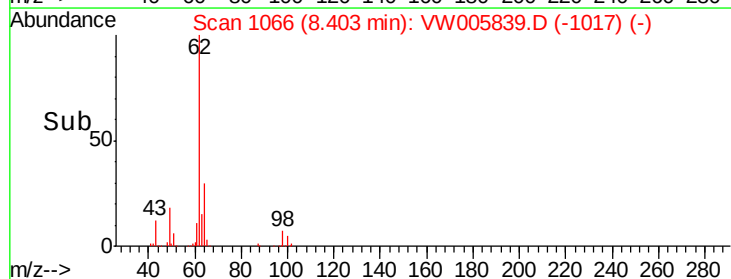
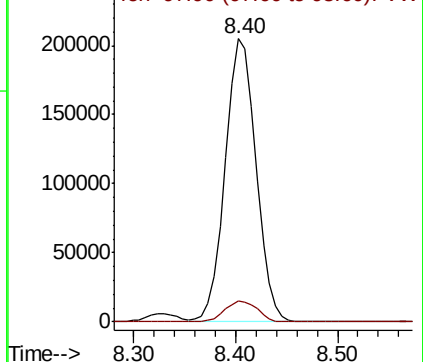
Lab File: VW005839.D

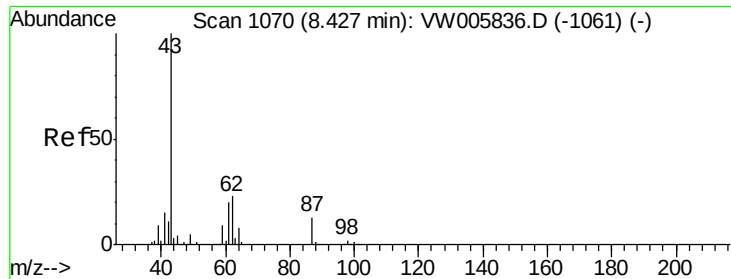
Acq: 04 Oct 2018 05:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		429918		
98	8.0	0.0	16.2		



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





#43

Isopropyl Acetate

Concen: 148.706 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW005839.D

Acq: 04 Oct 2018 05:46

Instrument :

MSVOA_W

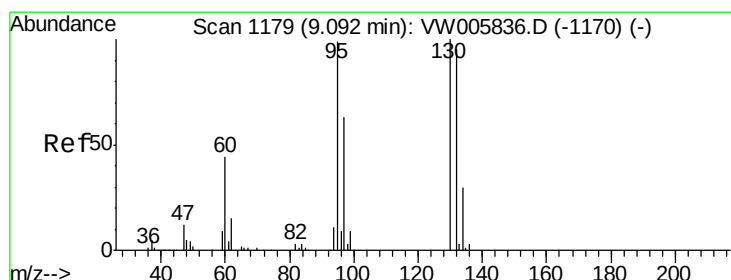
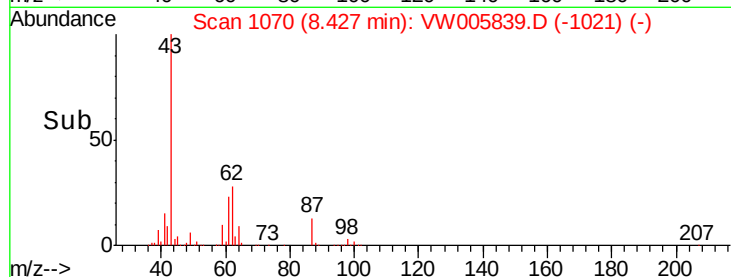
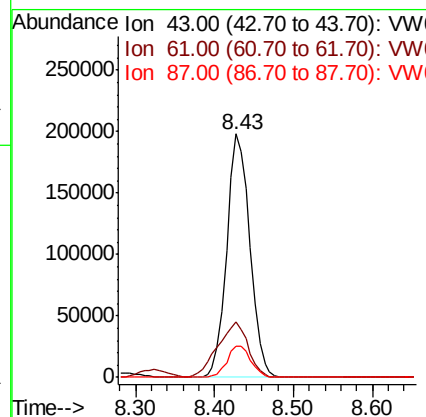
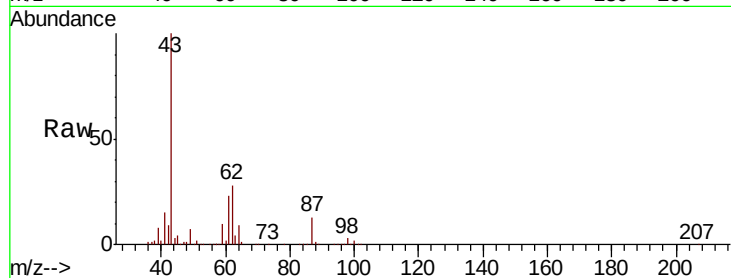
ClientSampleId :

VSTDIC150

Tot Ion:	43	Resp:	402860
Ion	Ratio	Lower	Upper
43	100		
61	29.7	24.1	36.1
87	13.2	10.6	16.0

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#44

Trichloroethene

Concen: 143.431 ug/l

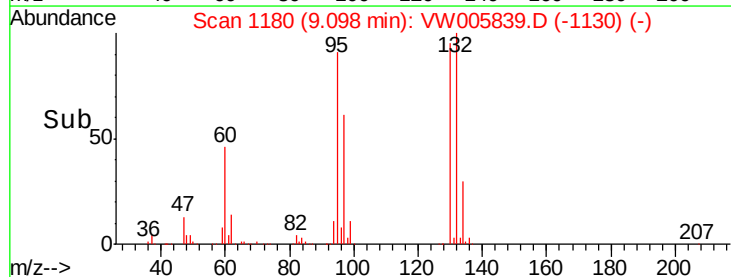
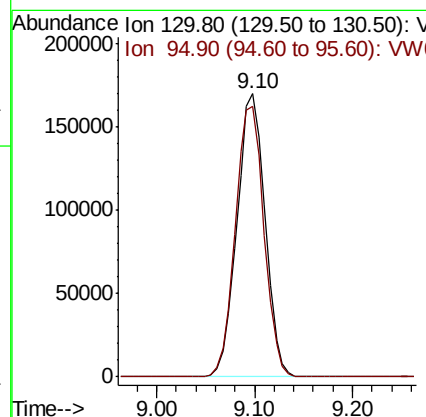
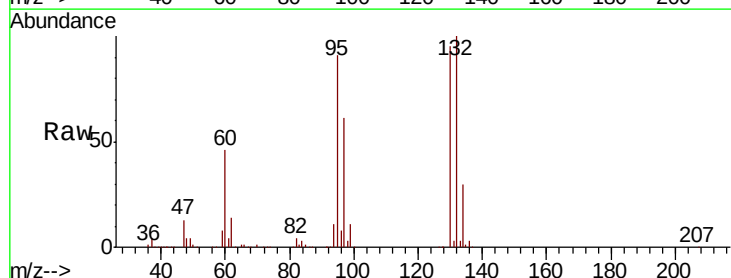
RT: 9.10 min Scan# 1180

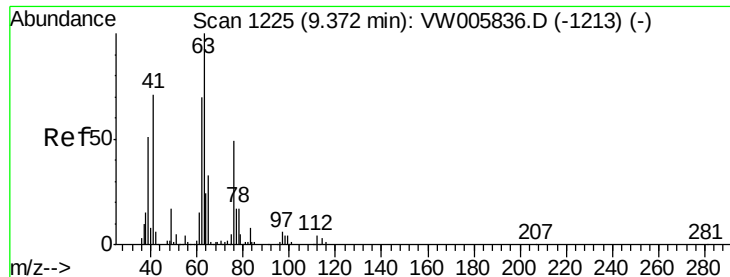
Delta R.T. 0.01 min

Lab File: VW005839.D

Acq: 04 Oct 2018 05:46

Tgt Ion:	130	Resp:	338681
Ion	Ratio	Lower	Upper
130	100		
95	95.7	0.0	197.6





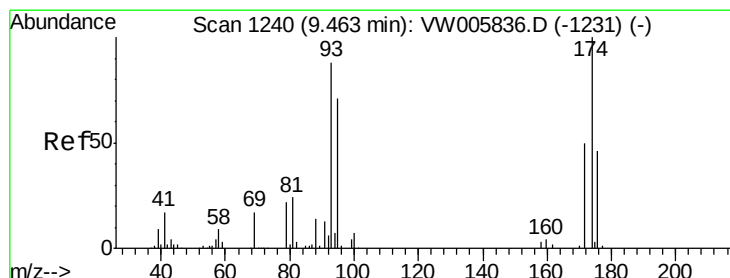
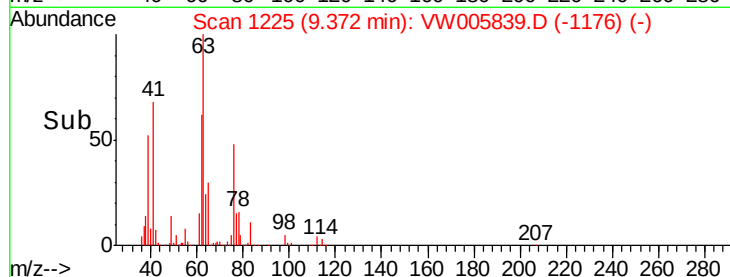
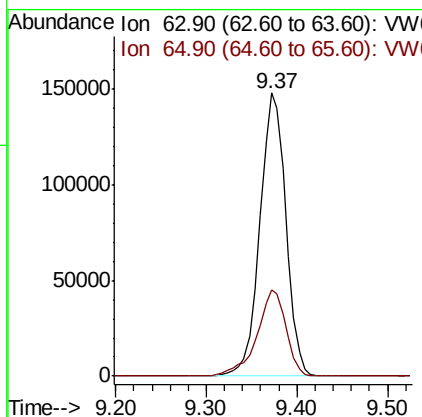
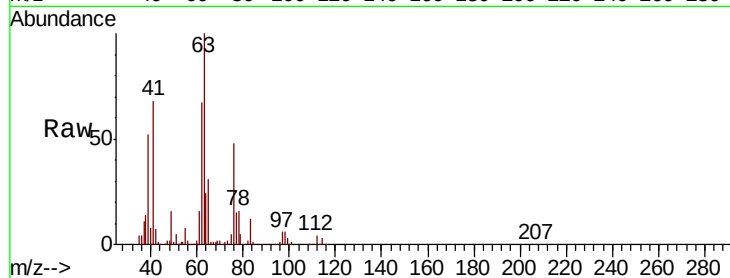
#45
 1,2-Dichloropropane
 Concen: 130.352 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW005839.D
 Acq: 04 Oct 2018 05:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.6	26.1	39.1

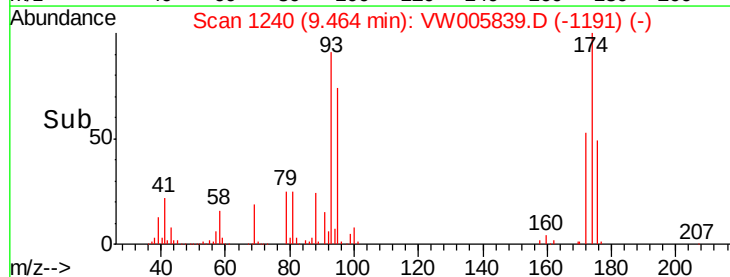
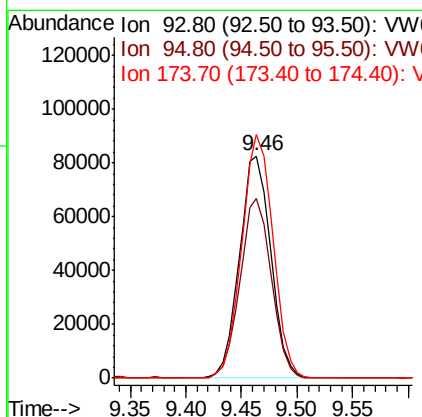
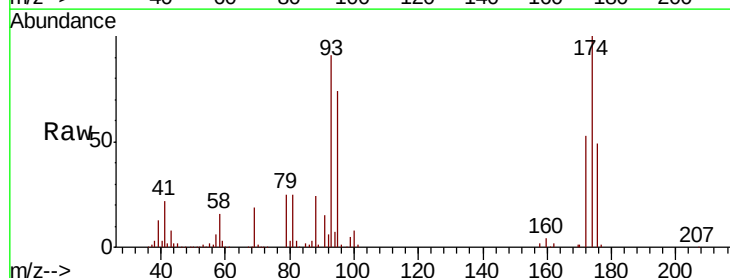
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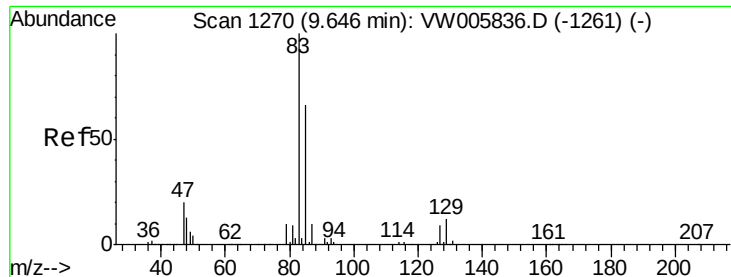
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#46
 Dibromomethane
 Concen: 141.794 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW005839.D
 Acq: 04 Oct 2018 05:46

Tgt Ion	Ratio	Lower	Upper
93	100		
95	80.5	65.9	98.9
174	109.4	88.4	132.6





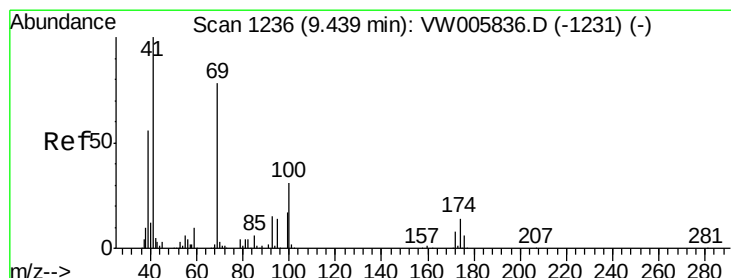
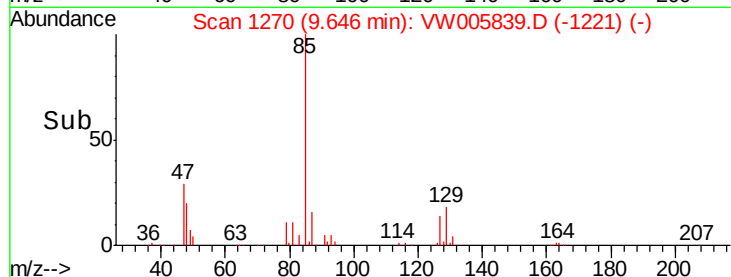
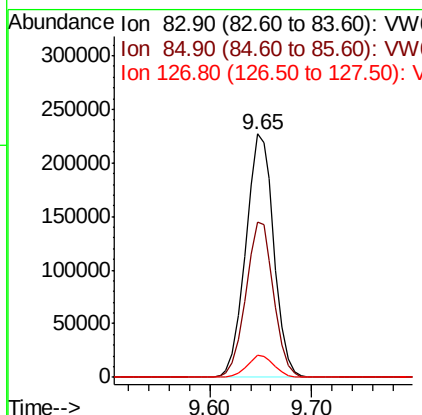
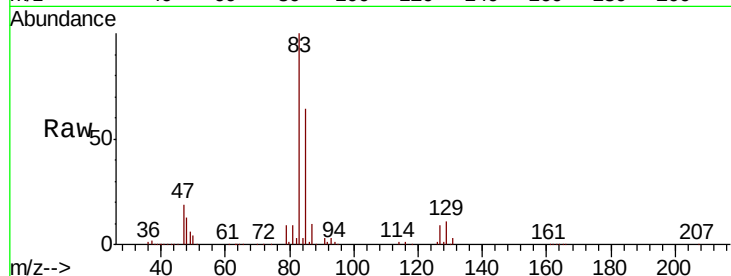
#47
Bromodichloromethane
Concen: 142.153 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW005839.D
Acq: 04 Oct 2018 05:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	83	Resp	432674
Ion Ratio	100	Lower	Upper
83	100		
85	63.7	52.6	78.8
127	9.0	7.4	11.0

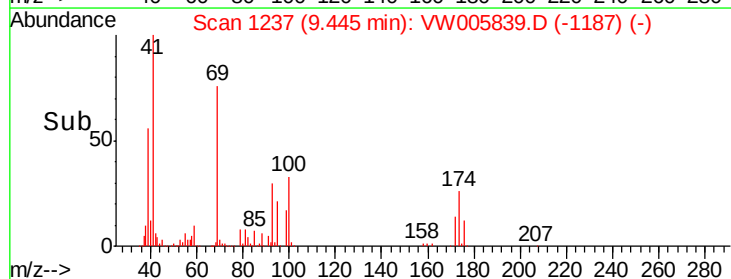
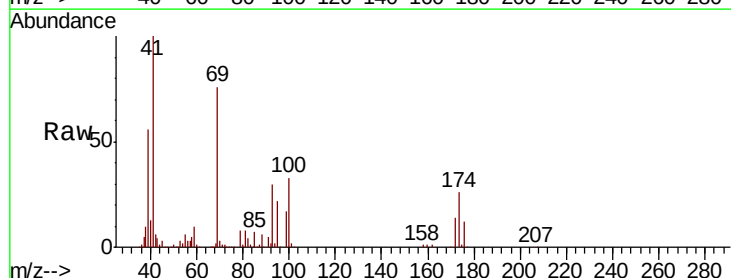
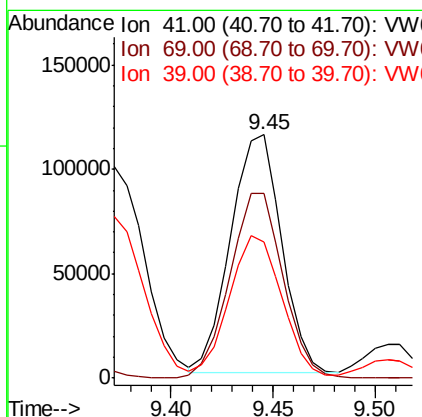
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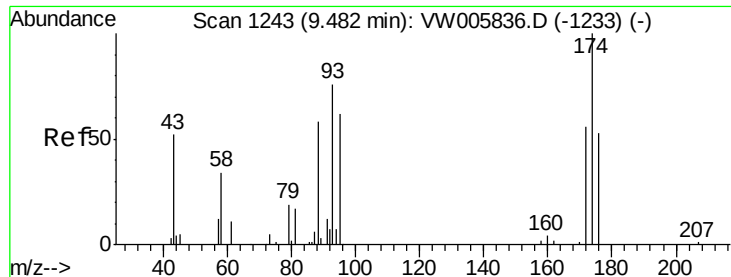
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#48
Methyl methacrylate
Concen: 154.030 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.01 min
Lab File: VW005839.D
Acq: 04 Oct 2018 05:46

Tgt Ion	41	Resp	198462
Ion Ratio	100	Lower	Upper
41	100		
69	81.1	66.4	99.6
39	62.0	50.1	75.1





#49

1,4-Dioxane

Concen: 2902.056 ug/l

RT: 9.47 min Scan# 1241

Delta R.T. -0.01 min

Lab File: VW005839.D

Acq: 04 Oct 2018 05:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 88 Resp: 52905

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

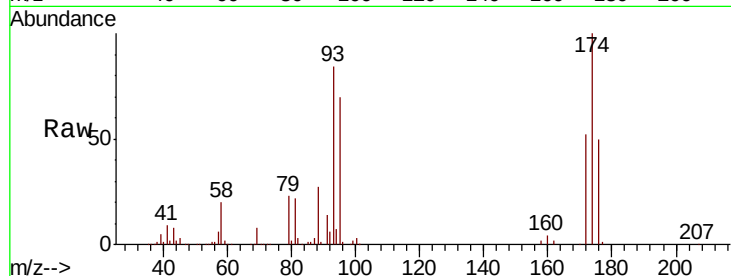
58 73.2 58.1 87.1

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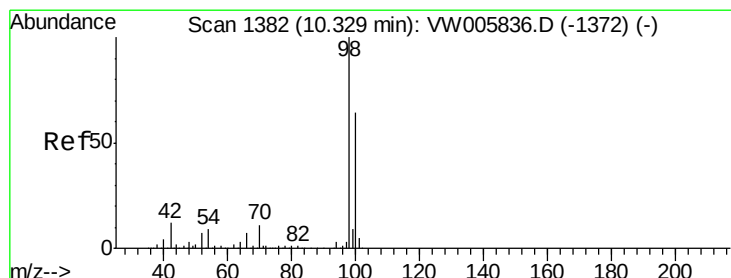
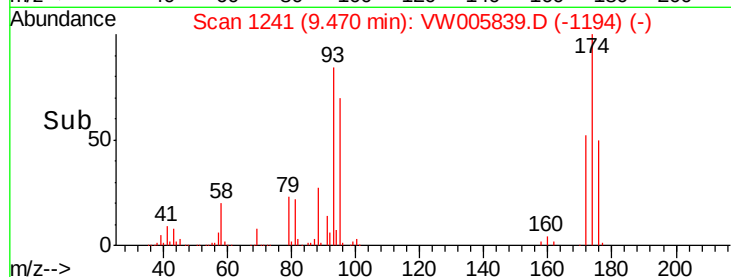
Abundance

Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Time-->



#50

Toluene-d8

Concen: 150.103 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW005839.D

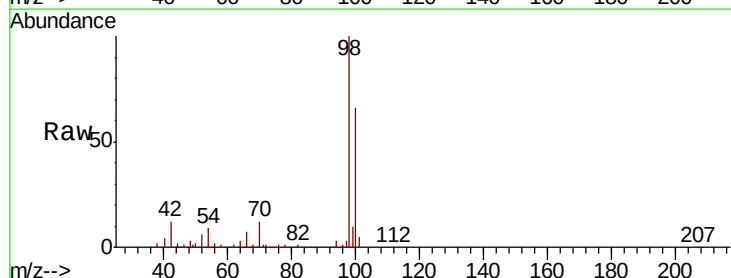
Acq: 04 Oct 2018 05:46

Tgt Ion: 98 Resp: 1227958

Ion Ratio Lower Upper

98 100

100 64.1 51.7 77.5

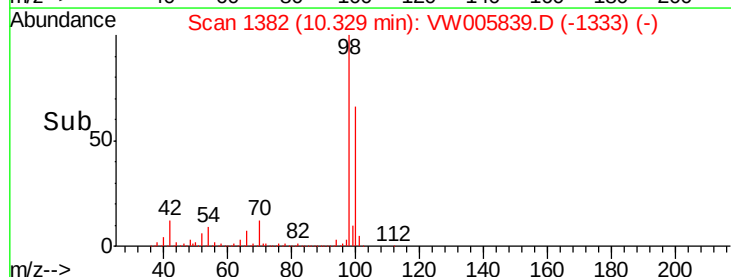


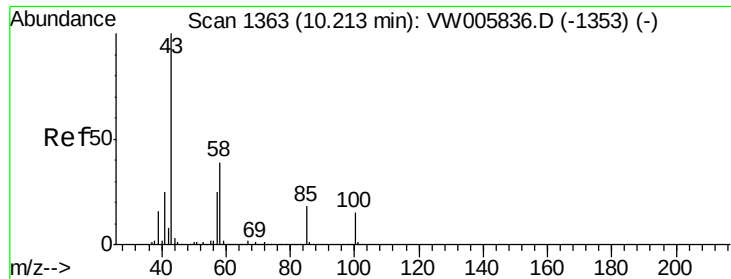
Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

Time-->





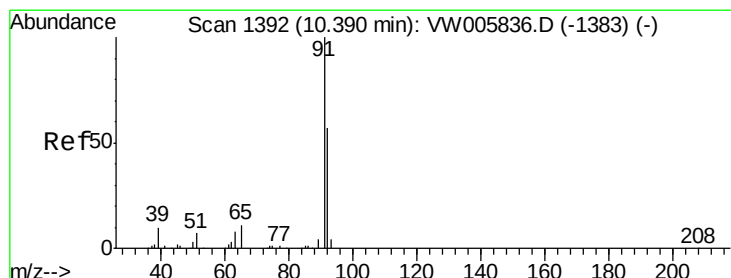
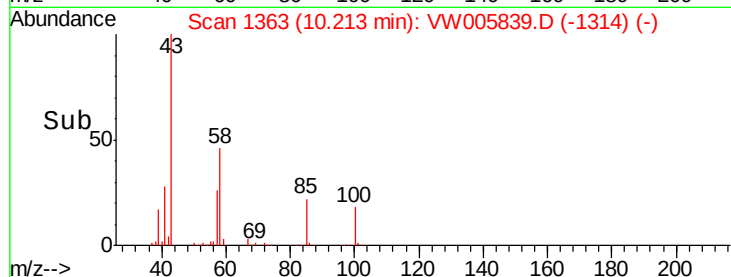
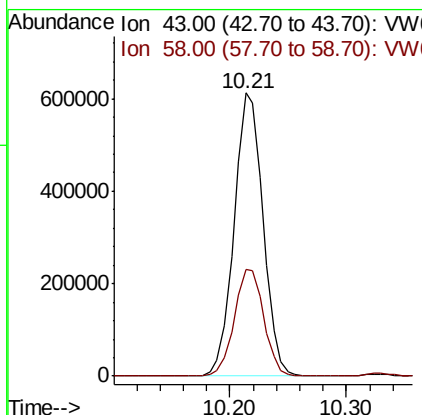
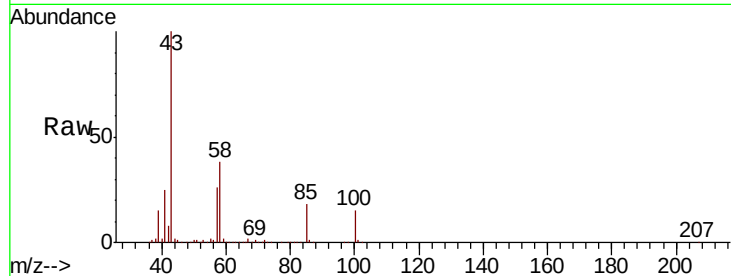
#51
4-Methyl-2-Pentanone
Concen: 774.643 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW005839.D
Acq: 04 Oct 2018 05:46

Instrument :
MSVOA_W
ClientSampled :
VSTDIC150

Tot Ion: 43 Resp: 1060564
Ion Ratio Lower Upper
43 100
58 38.3 30.6 45.8

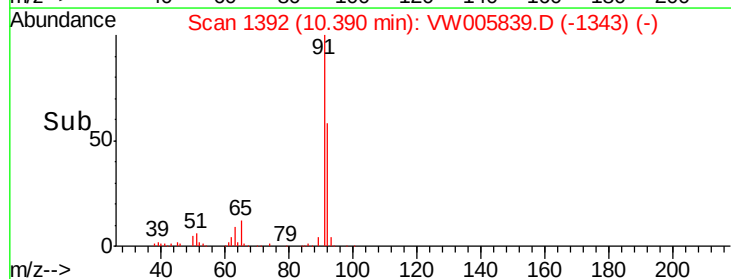
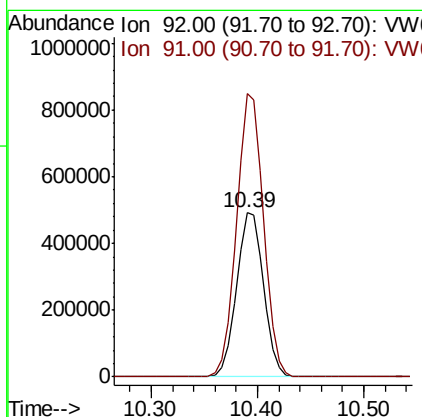
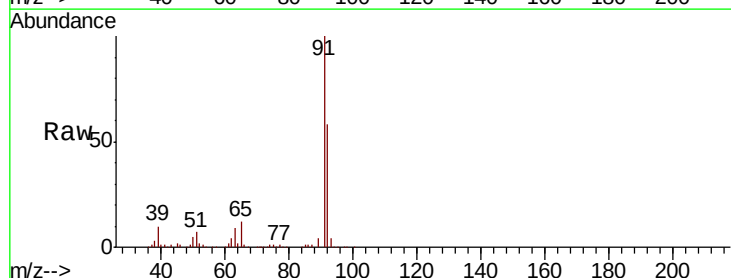
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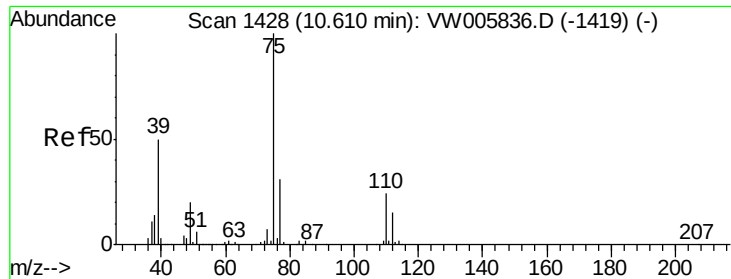
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#52
Toluene
Concen: 152.077 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW005839.D
Acq: 04 Oct 2018 05:46

Tgt Ion: 92 Resp: 874417
Ion Ratio Lower Upper
92 100
91 172.0 139.0 208.4





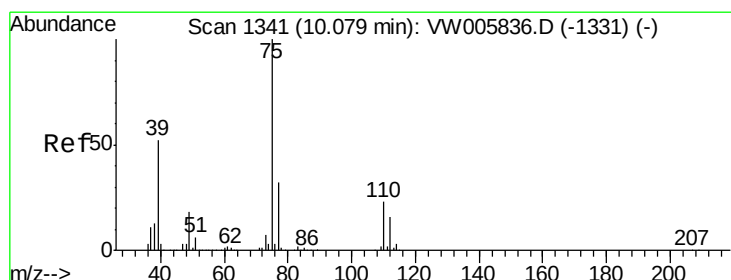
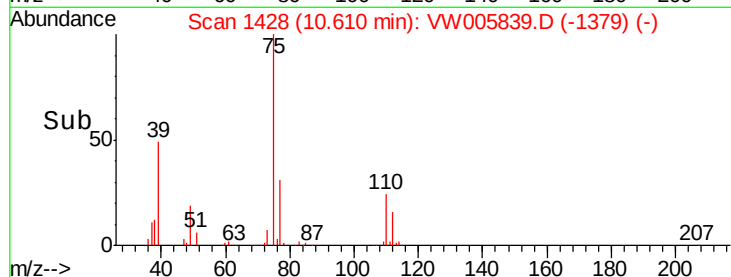
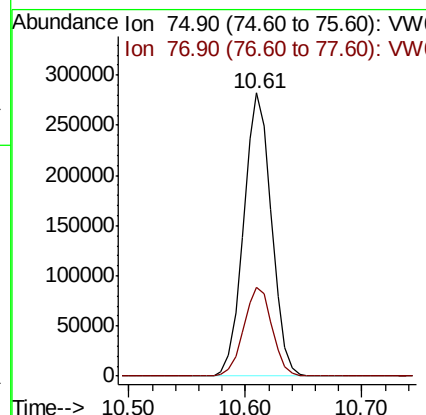
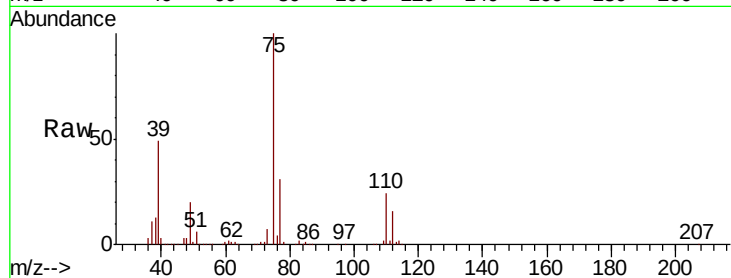
#53
 t-1,3-Dichloropropene
 Concen: 154.160 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: VW005839.D
 Acq: 04 Oct 2018 05:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion: 75 Resp: 469975
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.0 37.4

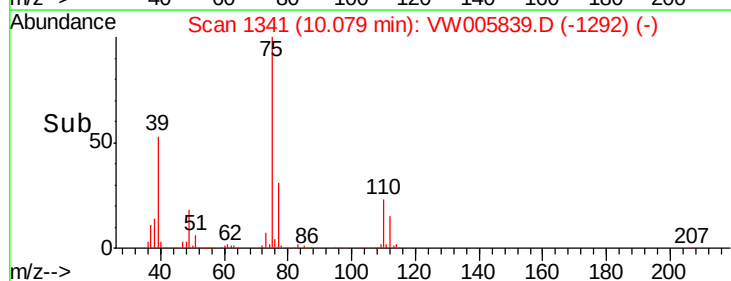
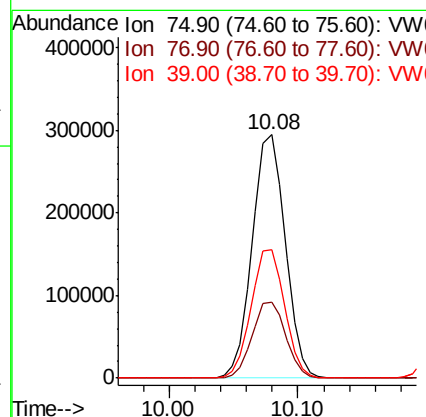
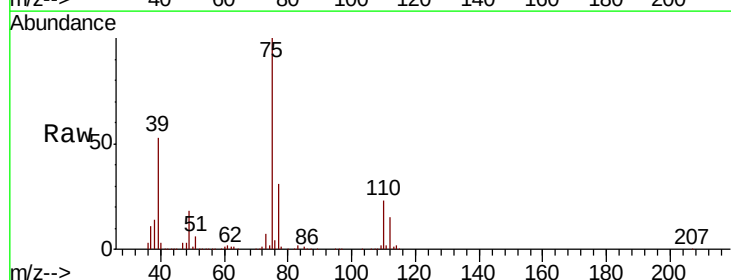
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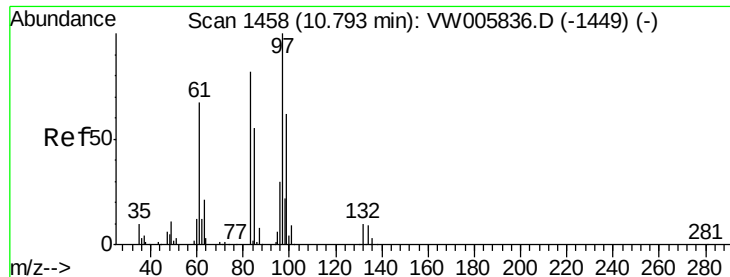
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#54
 cis-1,3-Dichloropropene
 Concen: 152.668 ug/l
 RT: 10.08 min Scan# 1341
 Delta R.T. 0.00 min
 Lab File: VW005839.D
 Acq: 04 Oct 2018 05:46

Tgt Ion: 75 Resp: 520848
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.4 38.2
 39 52.9 41.9 62.9





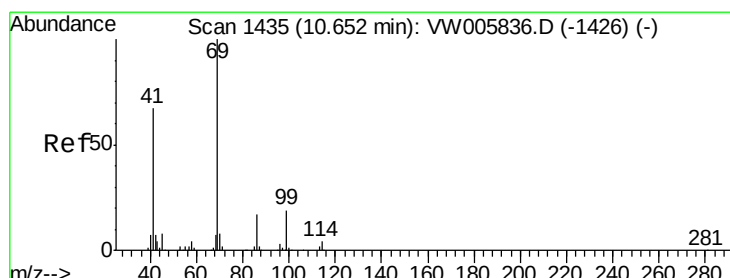
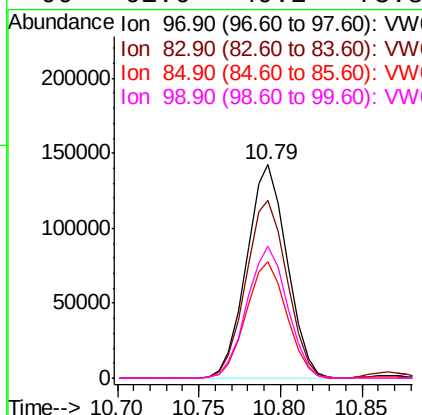
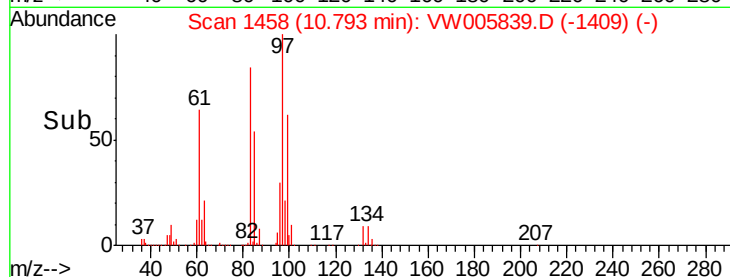
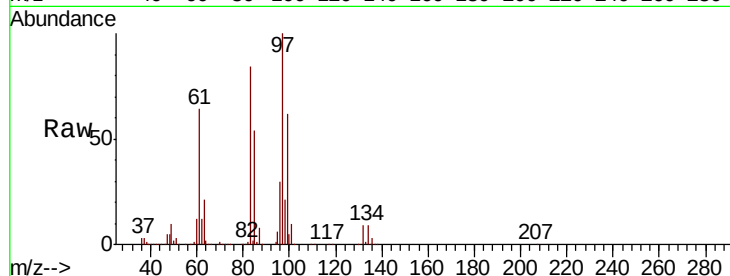
#55
 1,1,2-Trichloroethane
 Concen: 150.916 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW005839.D
 Acq: 04 Oct 2018 05:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion:	97	Resp:	245261
Ion	Ratio	Lower	Upper
97	100		
83	83.6	65.9	98.9
85	54.4	44.2	66.2
99	61.6	49.2	73.8

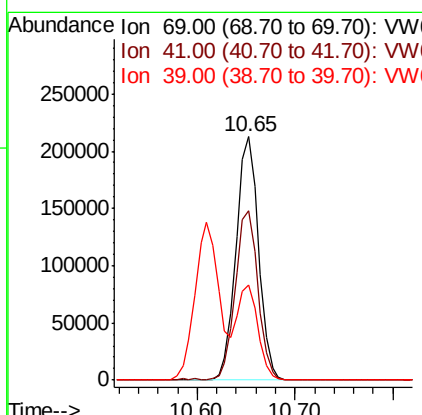
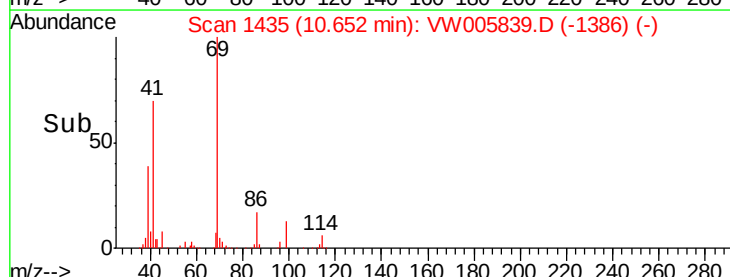
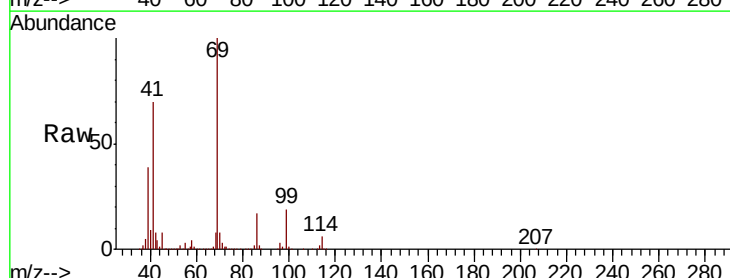
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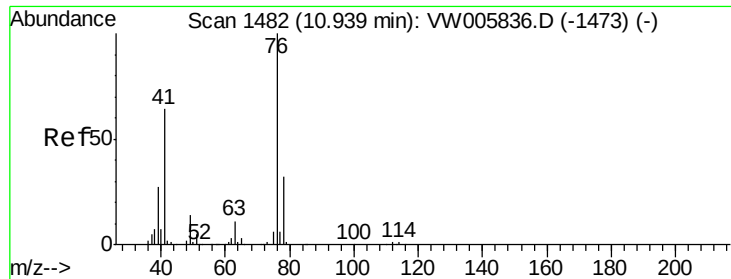
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#56
 Ethyl methacrylate
 Concen: 169.686 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: VW005839.D
 Acq: 04 Oct 2018 05:46

Tgt Ion:	69	Resp:	340165
Ion	Ratio	Lower	Upper
69	100		
41	69.8	55.8	83.6
39	35.6	29.3	43.9





#57

1,3-Dichloropropane

Concen: 149.121 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VW005839.D

Acq: 04 Oct 2018 05:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC150

Tot Ion: 76 Resp: 427287

Ion Ratio Lower Upper

76 100

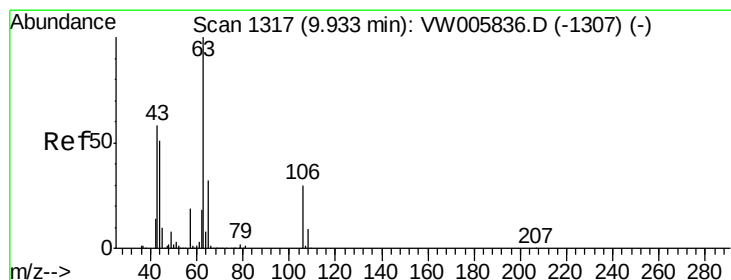
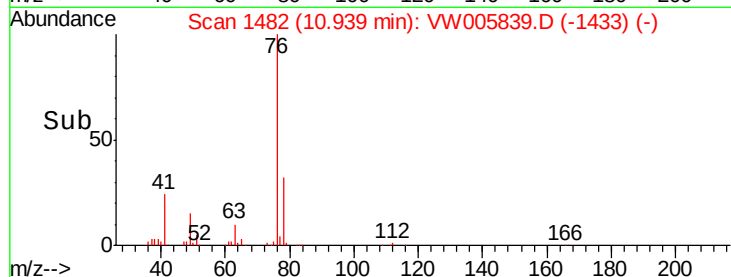
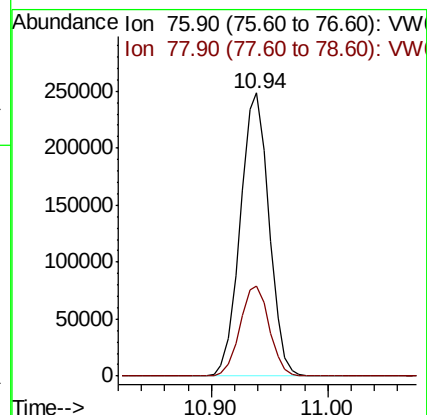
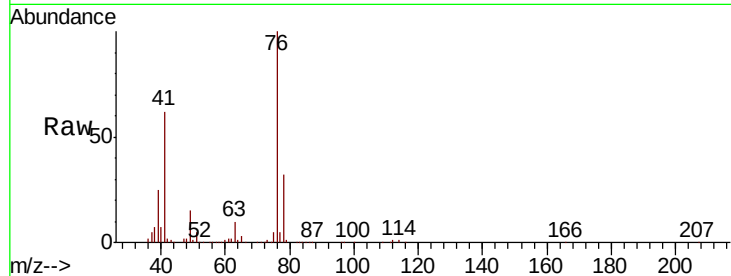
78 32.3 25.4 38.0

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#58

2-Chloroethyl Vinyl ether

Concen: 719.314 ug/l

RT: 9.93 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VW005839.D

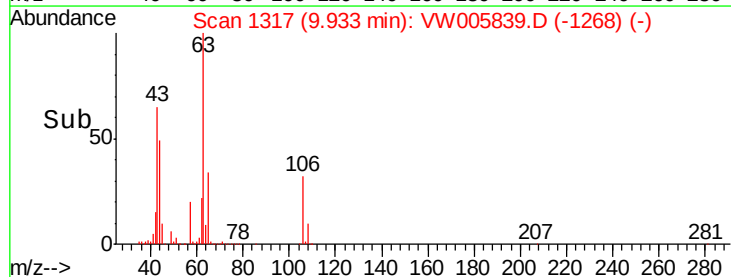
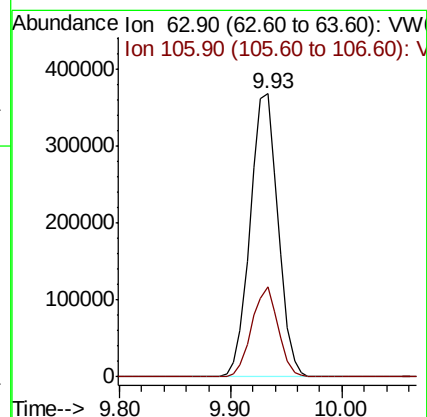
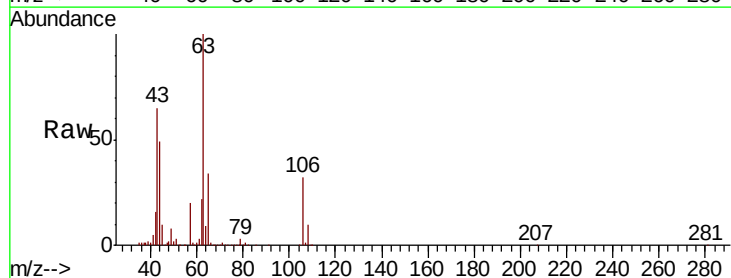
Acq: 04 Oct 2018 05:46

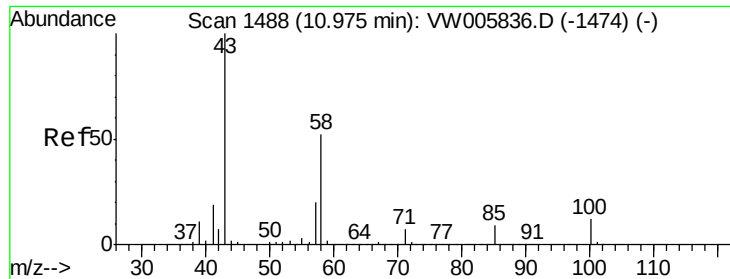
Tgt Ion: 63 Resp: 640809

Ion Ratio Lower Upper

63 100

106 30.1 23.7 35.5





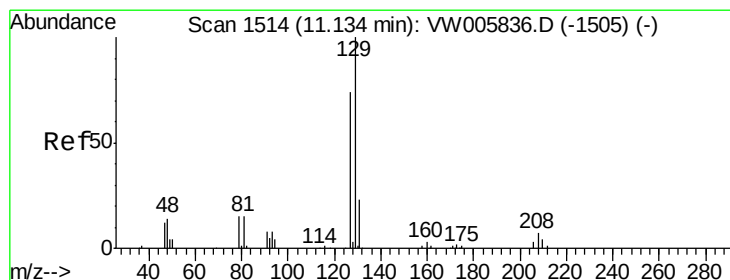
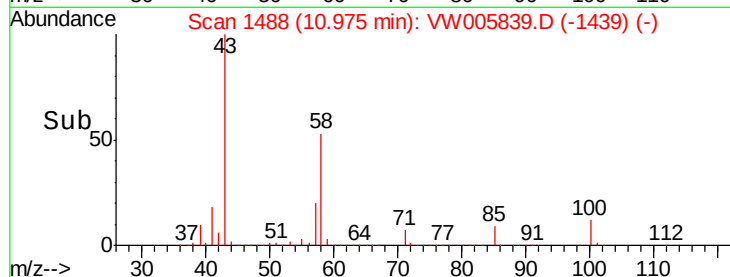
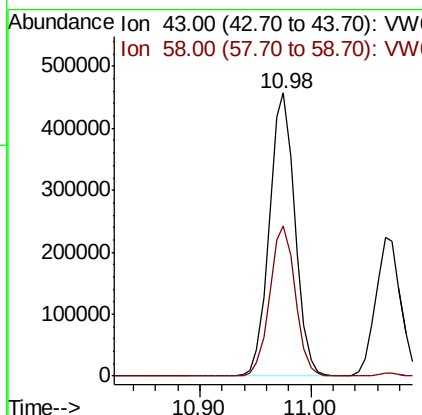
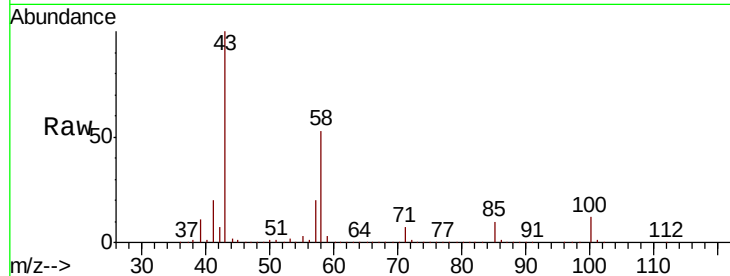
#59
2-Hexanone
Concen: 786.447 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW005839.D
Acq: 04 Oct 2018 05:46

Instrument :
MSVOA_W
ClientSampled :
VSTDIC150

Tot Ion: 43 Resp: 729729
Ion Ratio Lower Upper
43 100
58 53.2 25.9 77.7

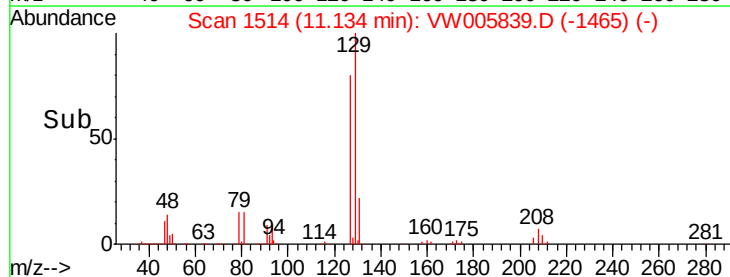
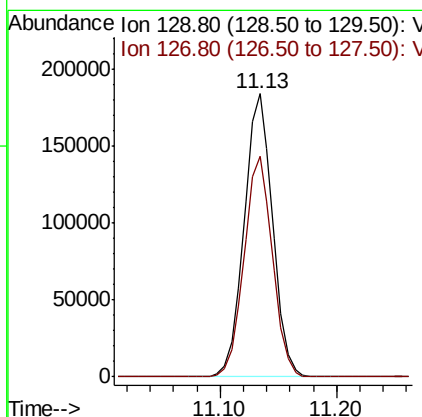
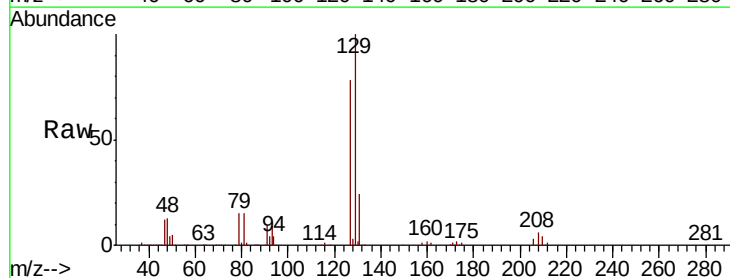
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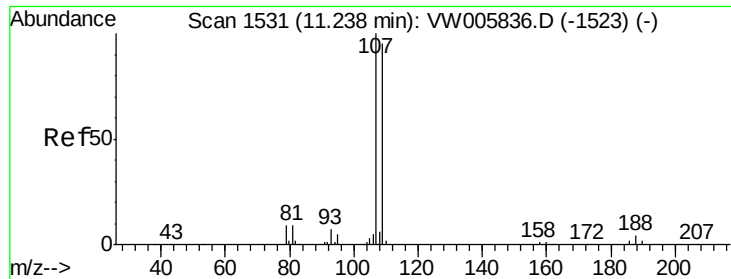
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#60
Dibromochloromethane
Concen: 157.652 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW005839.D
Acq: 04 Oct 2018 05:46

Tgt Ion: 129 Resp: 312039
Ion Ratio Lower Upper
129 100
127 77.9 37.2 111.6





#61

1,2-Dibromoethane

Concen: 156.130 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW005839.D

Acq: 04 Oct 2018 05:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 107 Resp: 237079

Ion Ratio Lower Upper

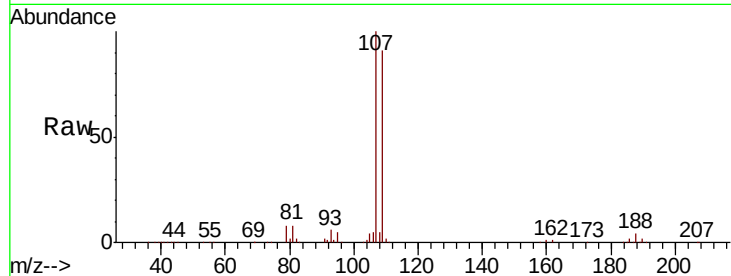
107 100

109 94.2 76.6 114.8

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

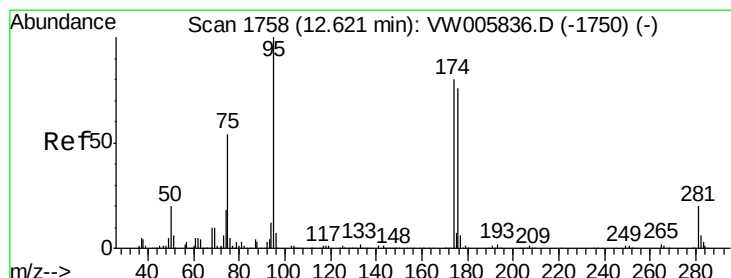
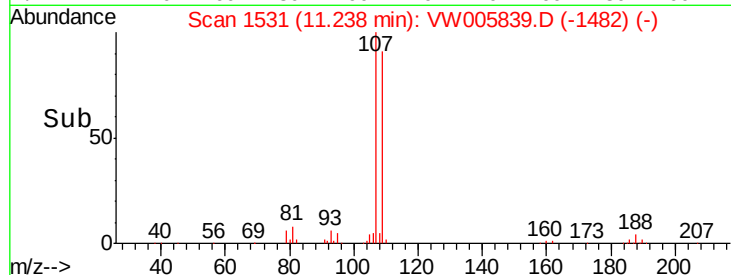
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 147.068 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW005839.D

Acq: 04 Oct 2018 05:46

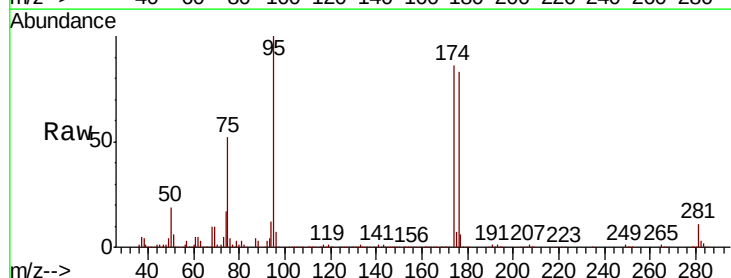
Tgt Ion: 95 Resp: 446321

Ion Ratio Lower Upper

95 100

174 83.0 0.0 169.0

176 80.7 0.0 164.2



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

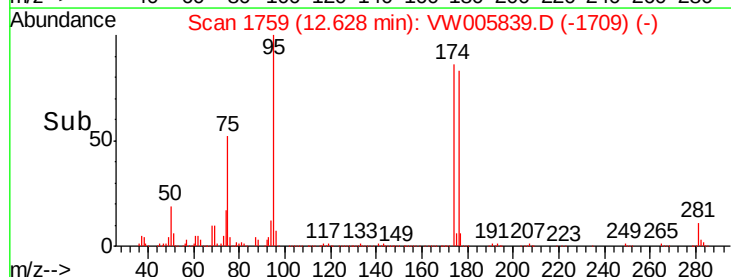
300000

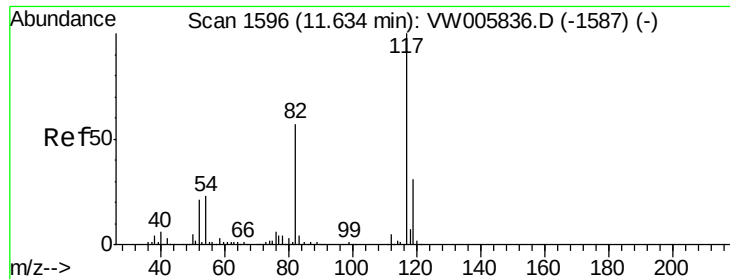
200000

100000

0

Time-->





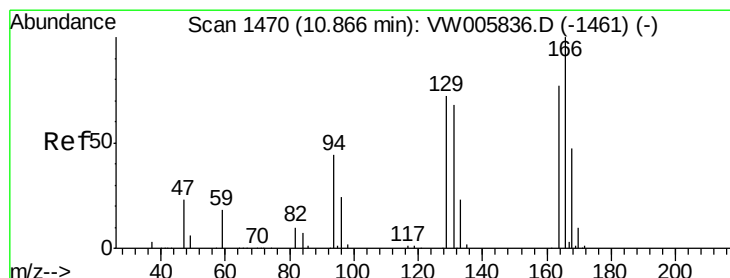
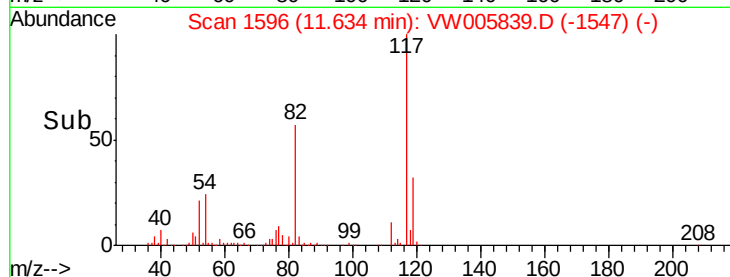
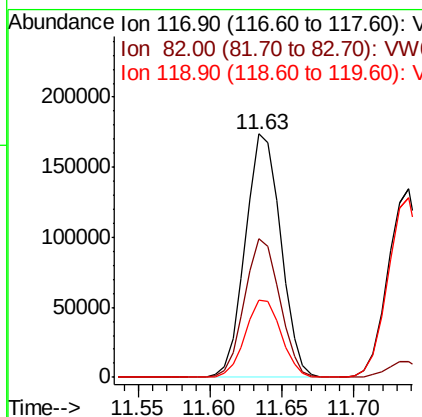
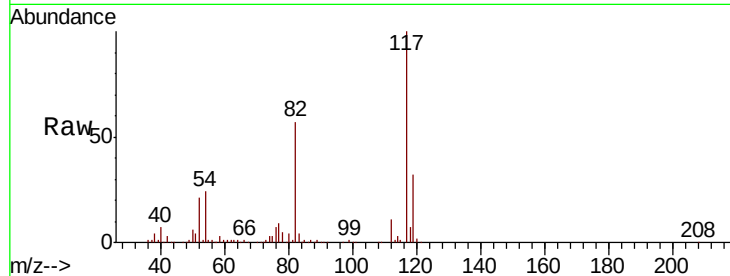
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW005839.D
Acq: 04 Oct 2018 05:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
117	100	295855		
82	57.1	45.6	68.4	
119	31.7	25.0	37.6	

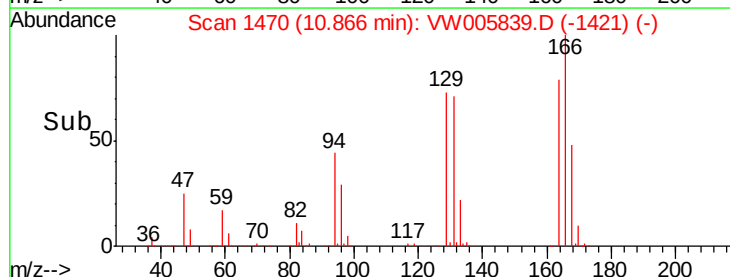
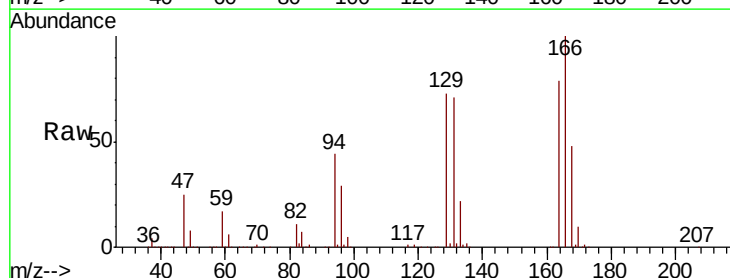
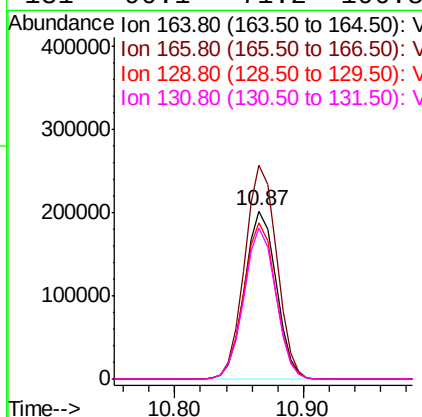
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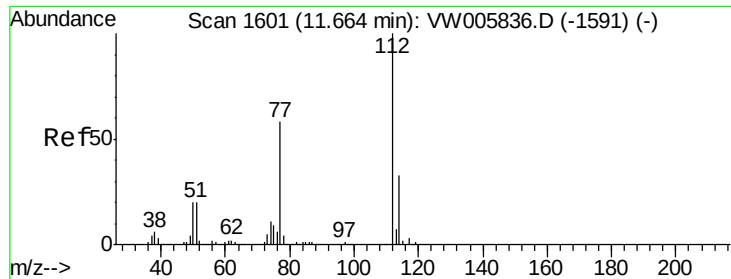
apatel
10/4/2018 2:48:04 PM



#64
Tetrachloroethene
Concen: 159.858 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW005839.D
Acq: 04 Oct 2018 05:46

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	342598		
166	127.2	104.0	156.0	
129	93.2	74.8	112.2	
131	90.1	71.2	106.8	





#65

Chlorobenzene

Concen: 147.914 ug/l

RT: 11.66 min Scan# 1601

Delta R.T. 0.00 min

Lab File: VW005839.D

Acq: 04 Oct 2018 05:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion:112 Resp: 936764

Ion Ratio Lower Upper

112 100

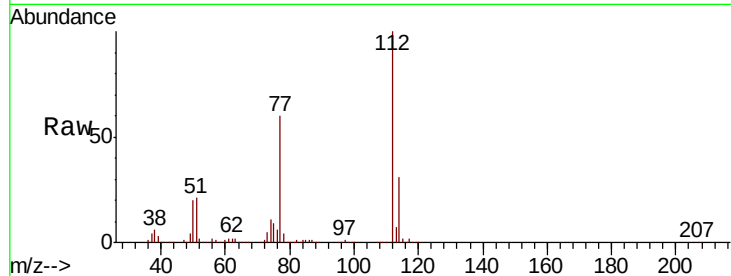
114 31.5 26.1 39.1

Manual Integrations

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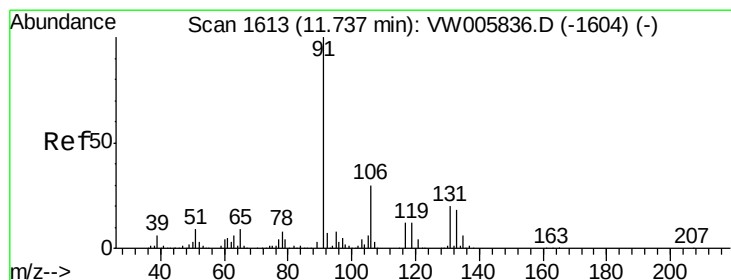
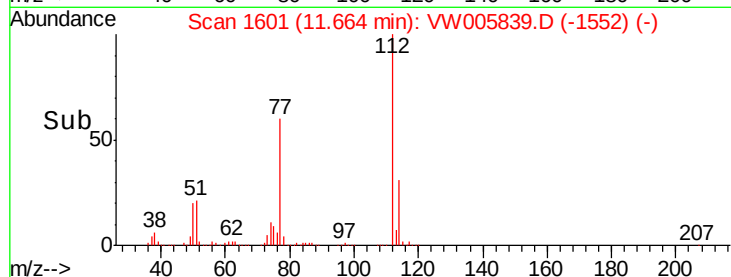
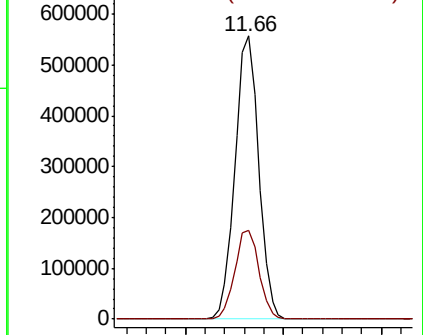
apatel

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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: 151.053 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. 0.00 min

Lab File: VW005839.D

Acq: 04 Oct 2018 05:46

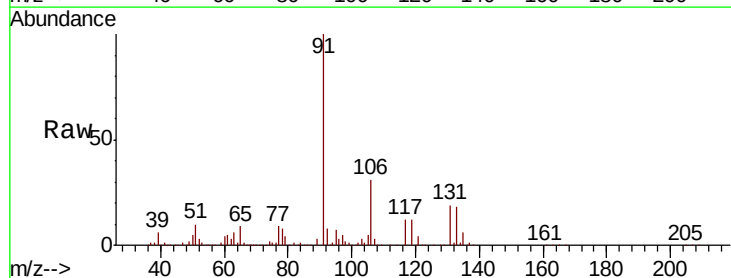
Tgt Ion:131 Resp: 346668

Ion Ratio Lower Upper

131 100

133 95.5 47.0 141.0

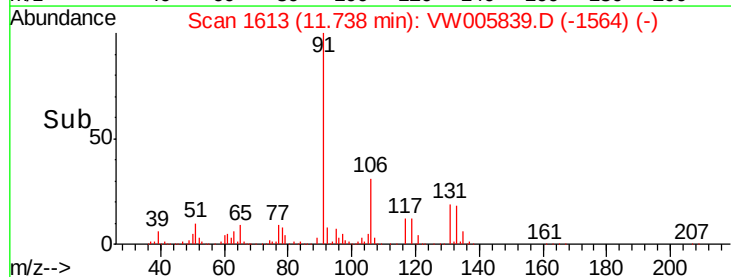
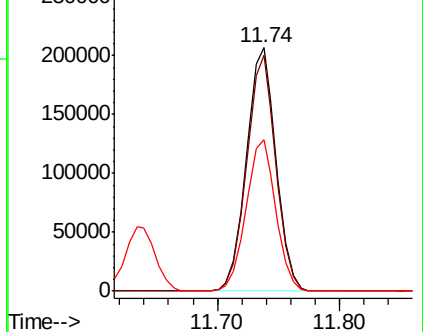
119 62.3 30.4 91.2

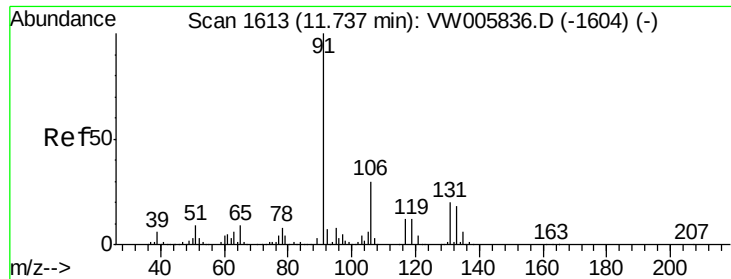


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





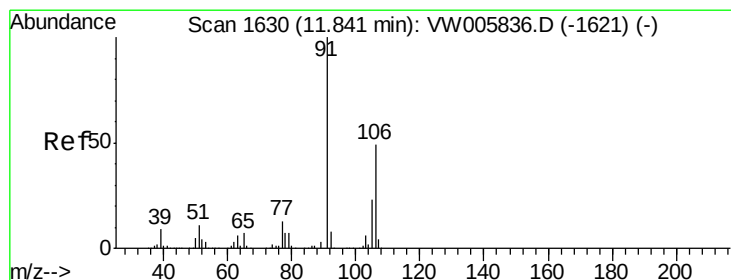
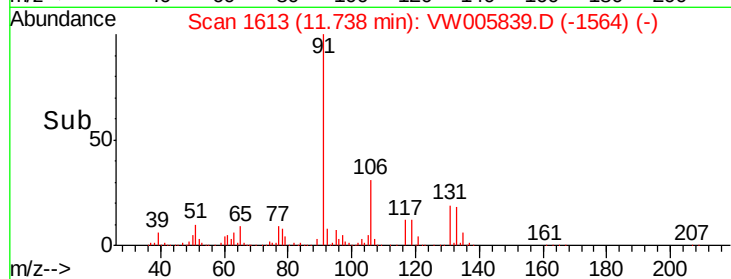
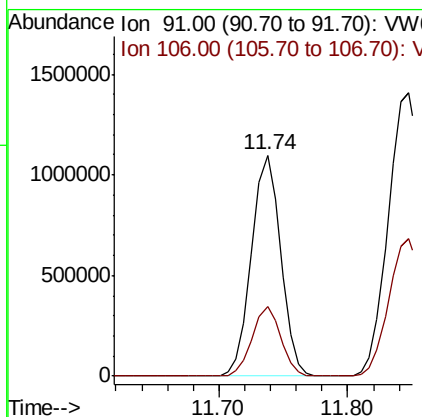
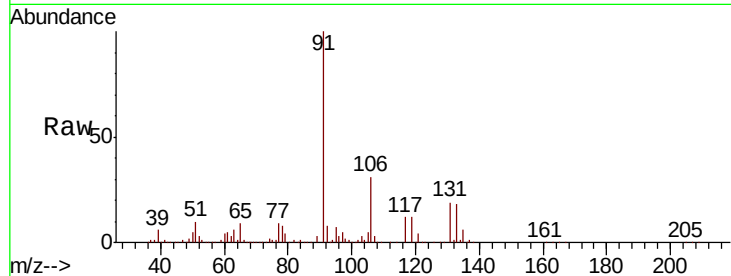
#67
Ethyl Benzene
Concen: 153.182 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW005839.D
Acq: 04 Oct 2018 05:46

Instrument :
MSVOA_W
ClientSampled :
VSTDIC150

Tot Ion: 91 Resp: 1717062
Ion Ratio Lower Upper
91 100
106 31.3 24.3 36.5

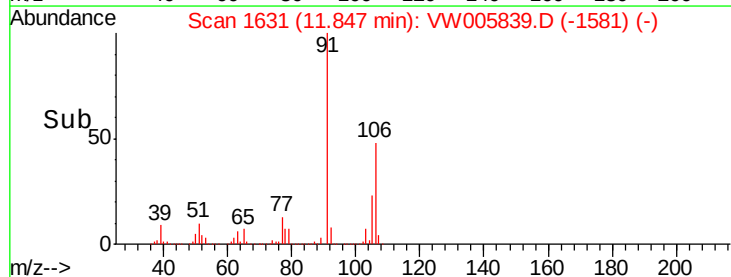
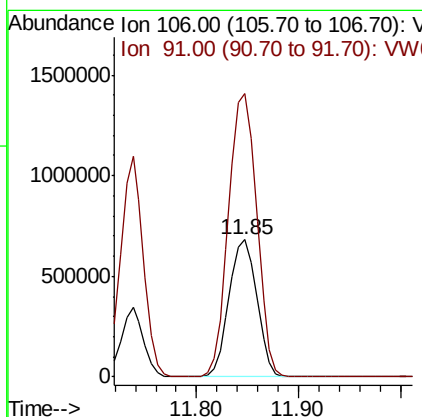
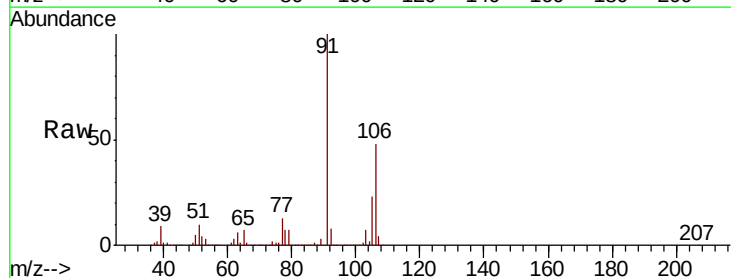
Manual Integrations
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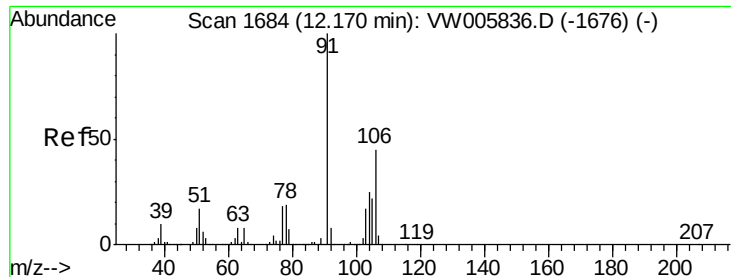
apatel
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#68
m/p-Xylenes
Concen: 304.554 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.01 min
Lab File: VW005839.D
Acq: 04 Oct 2018 05:46

Tgt Ion: 106 Resp: 1294181
Ion Ratio Lower Upper
106 100
91 208.5 165.4 248.0





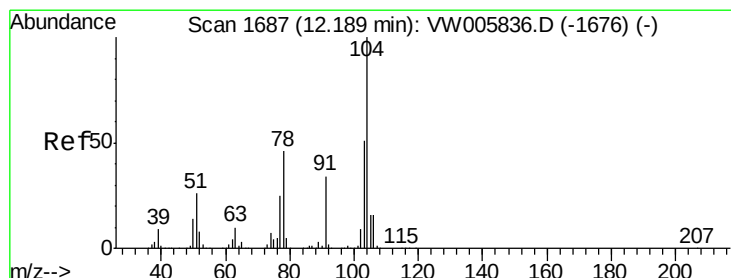
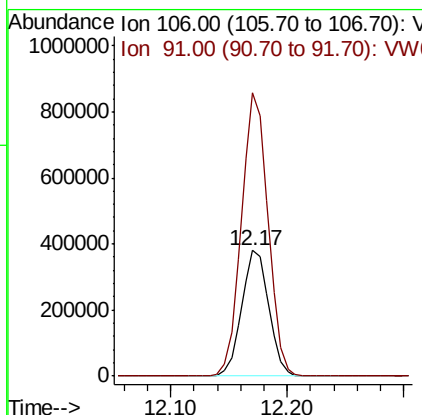
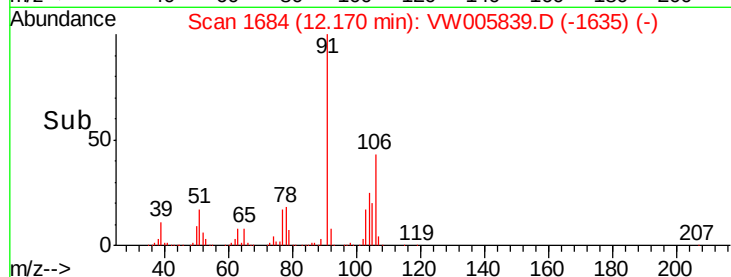
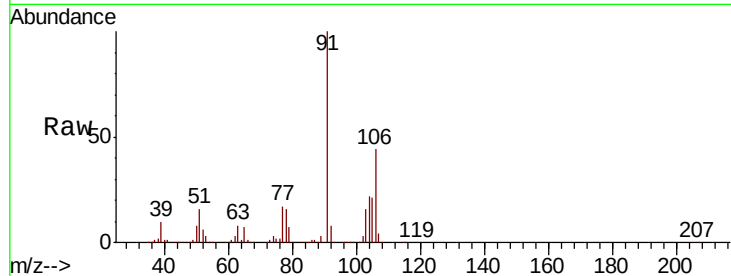
#69
o-Xylene
Concen: 155.206 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW005839.D
Acq: 04 Oct 2018 05:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion:106 Resp: 617146
Ion Ratio Lower Upper
106 100
91 221.4 109.7 329.1

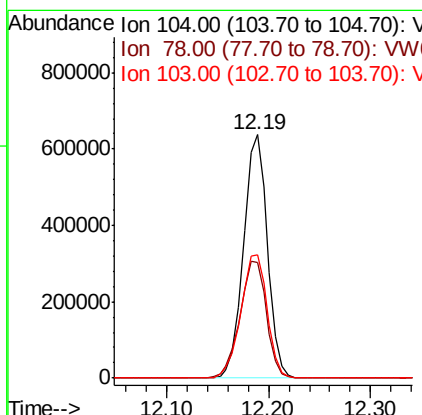
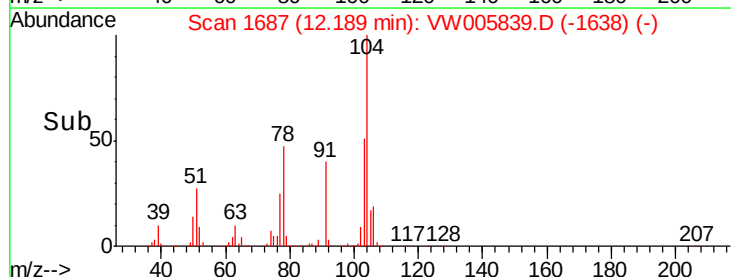
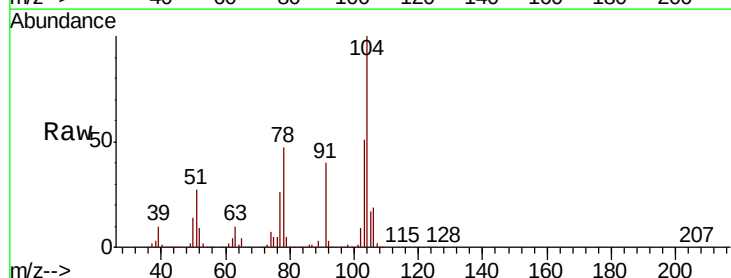
Manual Integrations
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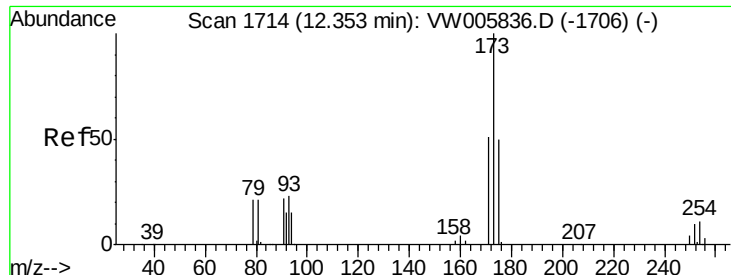
apatel
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#70
Styrene
Concen: 154.621 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VW005839.D
Acq: 04 Oct 2018 05:46

Tgt Ion:104 Resp: 1034492
Ion Ratio Lower Upper
104 100
78 53.2 42.3 63.5
103 55.8 44.9 67.3





#71

Bromoform

Concen: 159.346 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW005839.D

Acq: 04 Oct 2018 05:46

Instrument :

MSVOA_W

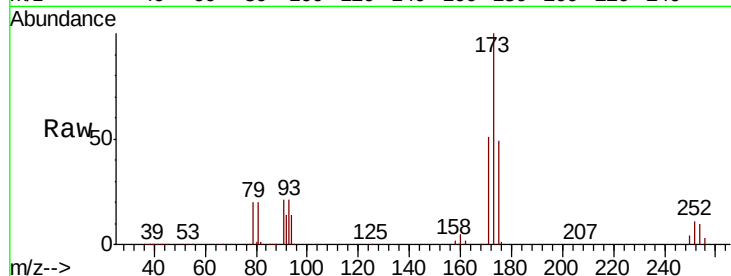
ClientSampleId :

VSTDIC150

Tot Ion:	173	Resp:	196261
Ion Ratio	Lower	Upper	
173	100		
175	48.7	24.3	72.9
254	0.1	0.1	0.1#

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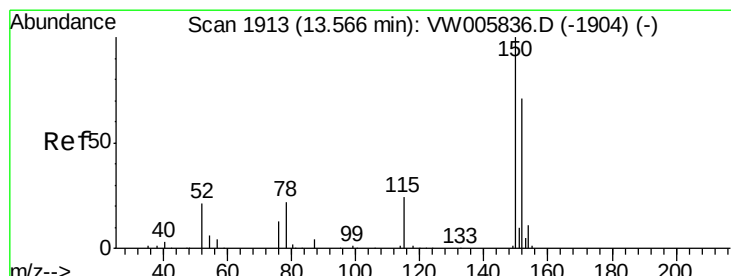
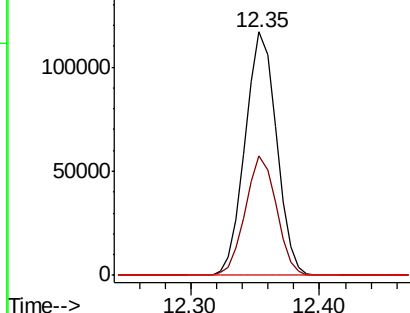
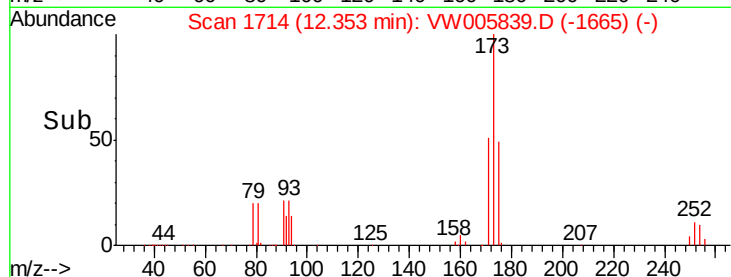


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

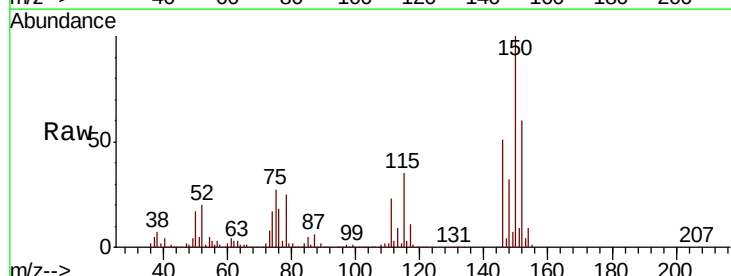
RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW005839.D

Acq: 04 Oct 2018 05:46

Tgt Ion:	152	Resp:	153720
Ion Ratio	Lower	Upper	
152	100		
115	59.3	29.8	89.4
150	206.0	0.0	349.4

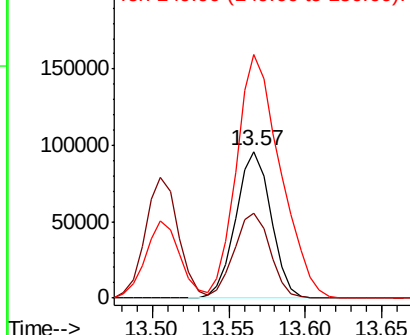
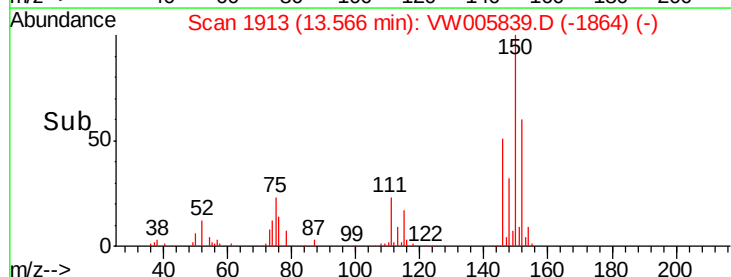


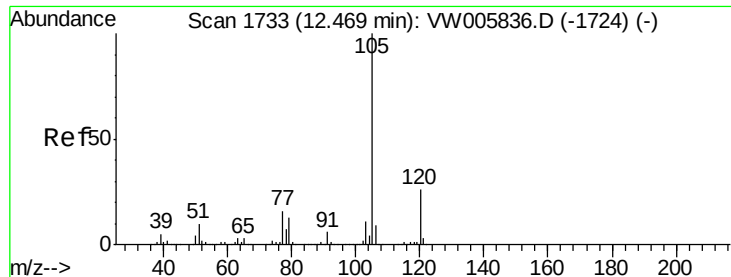
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 161.788 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW005839.D

Acq: 04 Oct 2018 05:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 1726700

Ion Ratio Lower Upper

105 100

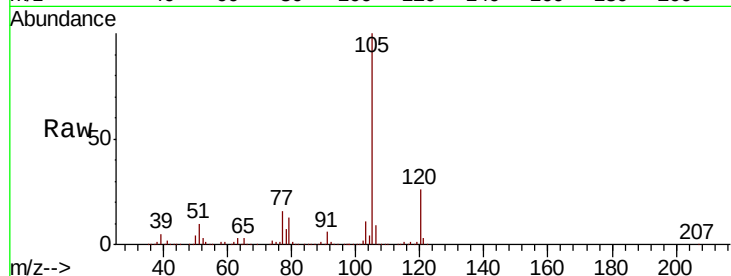
120 25.7 12.9 38.7

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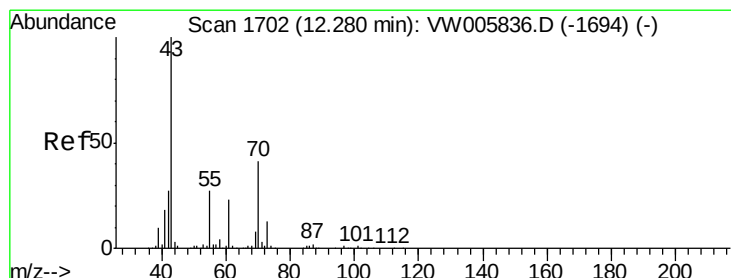
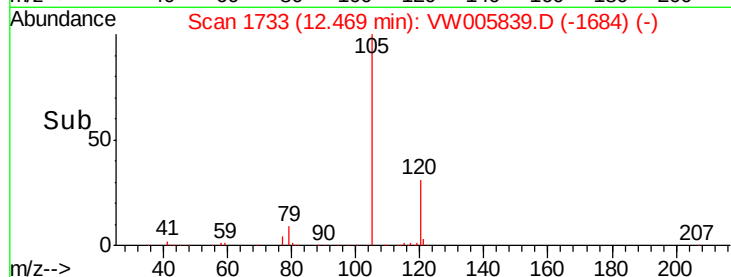
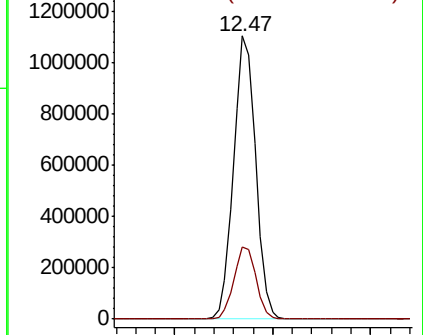
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 161.921 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VW005839.D

Acq: 04 Oct 2018 05:46

Tgt Ion: 43 Resp: 392408

Ion Ratio Lower Upper

43 100

70 41.5 33.6 50.4

55 25.0 21.8 32.6

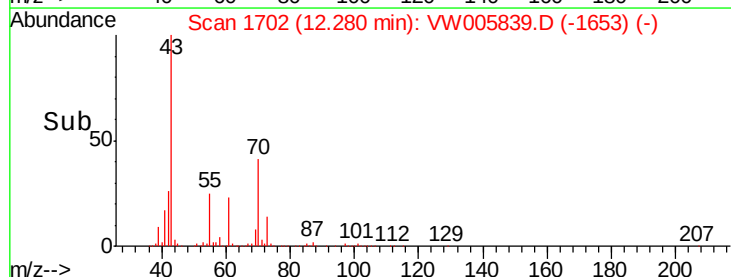
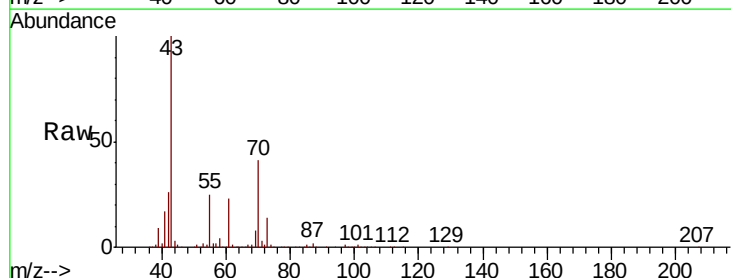
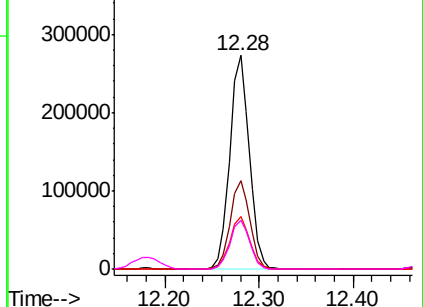
61 23.2 18.6 28.0

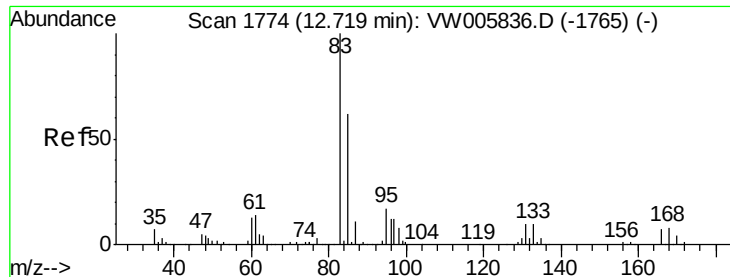
Abundance Ion 43.00 (42.70 to 43.70): VW

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





#75

1,1,2,2-Tetrachloroethane

Concen: 153.772 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW005839.D

Acq: 04 Oct 2018 05:46

Instrument :

MSVOA_W

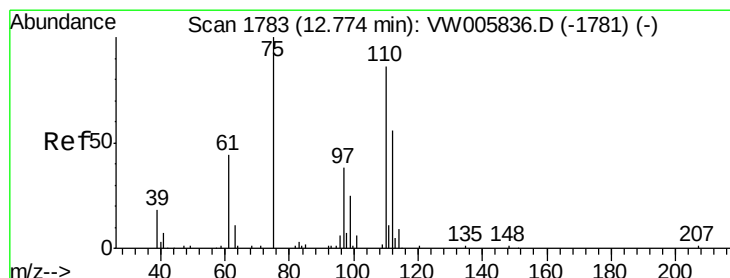
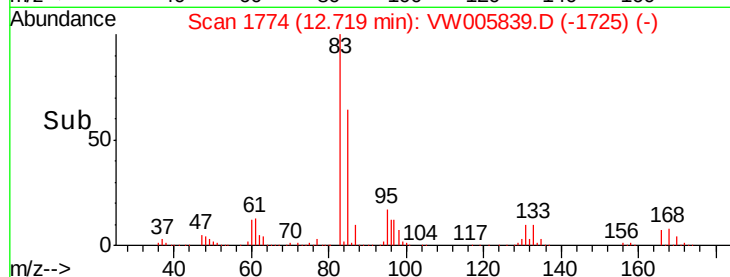
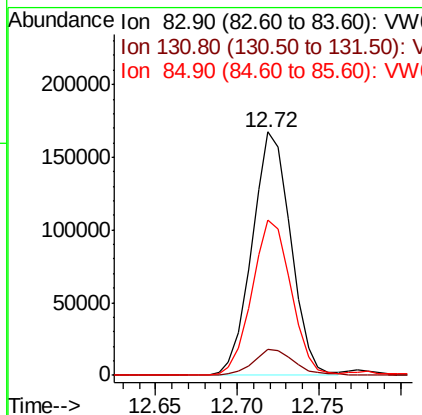
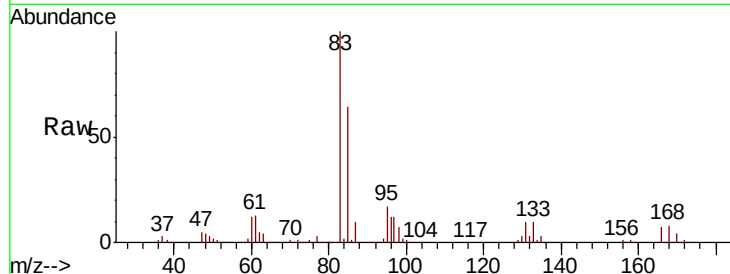
ClientSampled :

VSTDIC150

Tot Ion:	83	Resp:	276118
Ion Ratio	Lower	Upper	
83	100		
131	11.4	5.9	17.6
85	64.2	31.8	95.3

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#76

1,2,3-Trichloropropane

Concen: 151.387 ug/l m

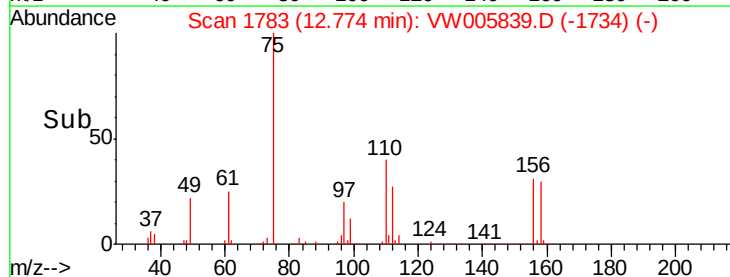
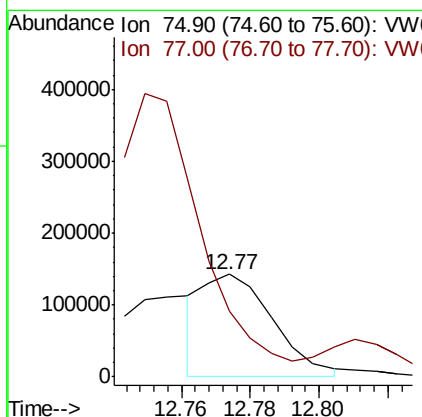
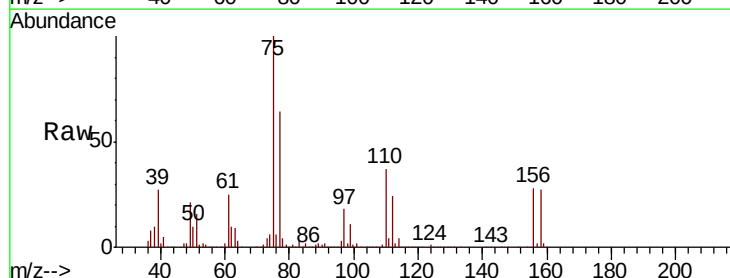
RT: 12.77 min Scan# 1783

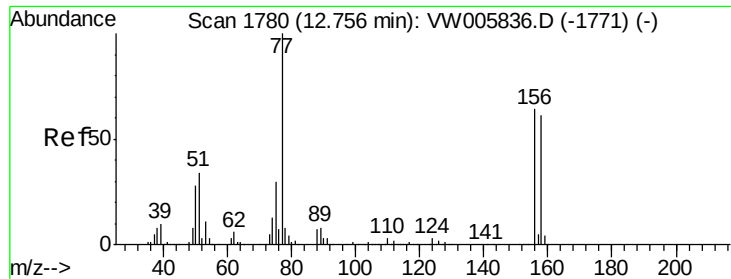
Delta R.T. 0.00 min

Lab File: VW005839.D

Acq: 04 Oct 2018 05:46

Tgt Ion:	75	Resp:	201752
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 155.801 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VW005839.D

Acq: 04 Oct 2018 05:46

Instrument :

MSVOA_W

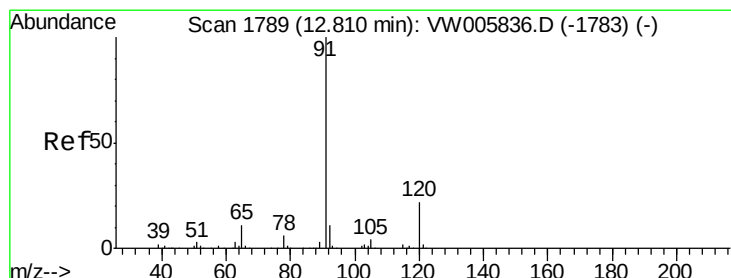
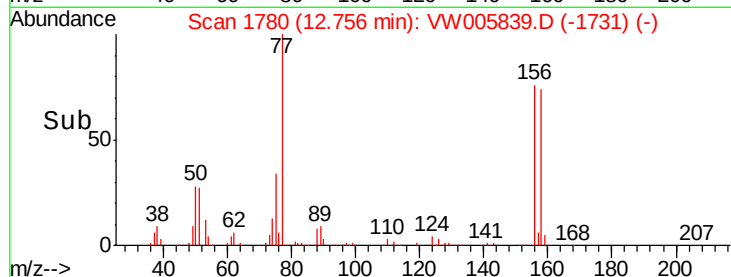
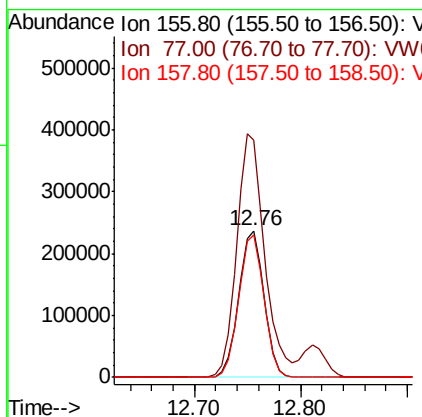
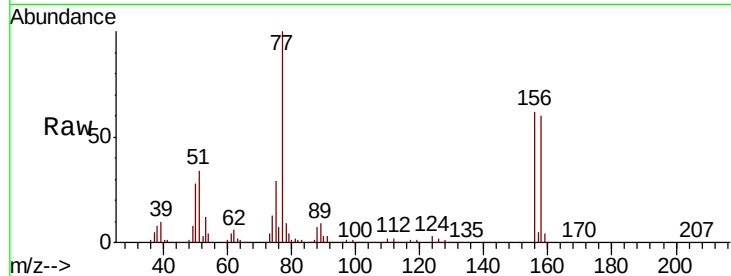
ClientSampled :

VSTDIC150

Tot Ion	Ratio	Lower	Upper
156	100		
77	183.8	91.0	273.1
158	97.5	48.4	145.2

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#78

n-propylbenzene

Concen: 155.103 ug/l

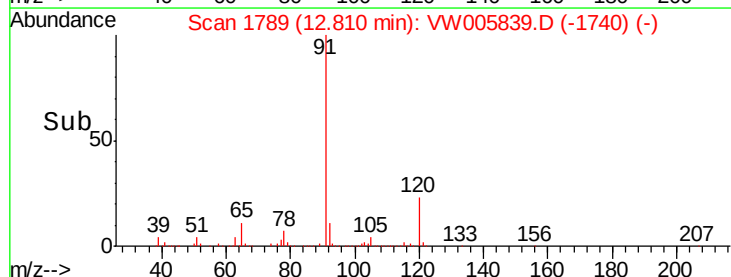
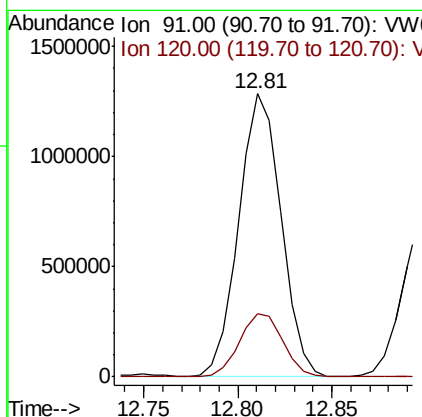
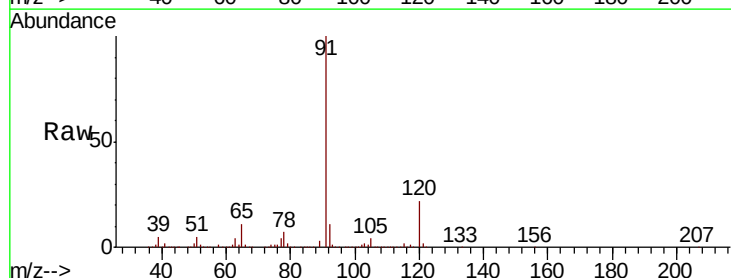
RT: 12.81 min Scan# 1789

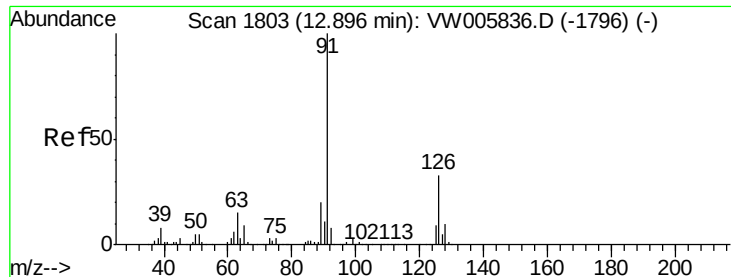
Delta R.T. 0.00 min

Lab File: VW005839.D

Acq: 04 Oct 2018 05:46

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.0	11.3	33.9





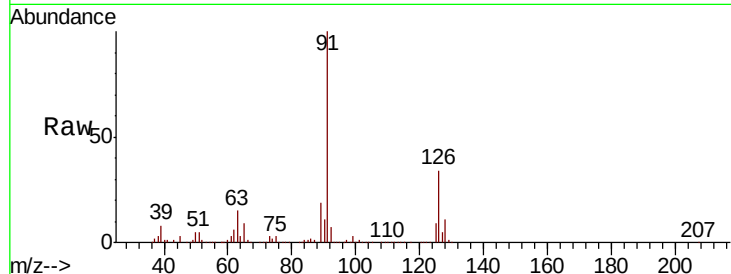
#79
 2-Chlorotoluene
 Concen: 155.956 ug/l
 RT: 12.90 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: VW005839.D
 Acq: 04 Oct 2018 05:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

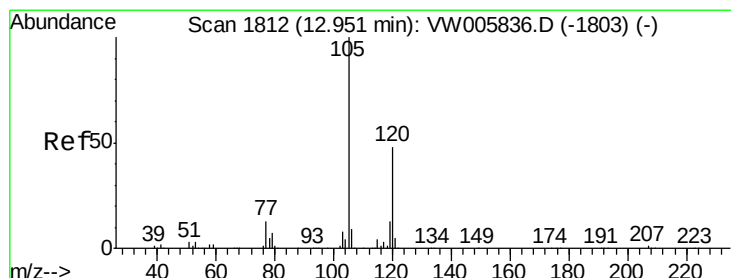
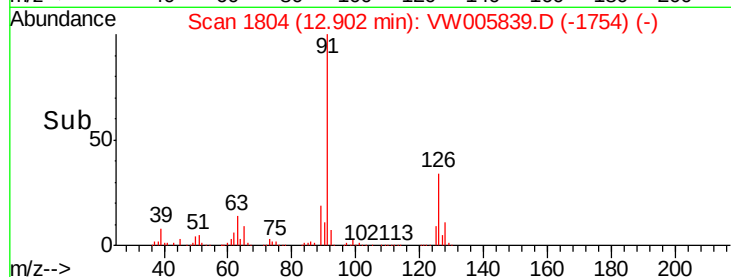
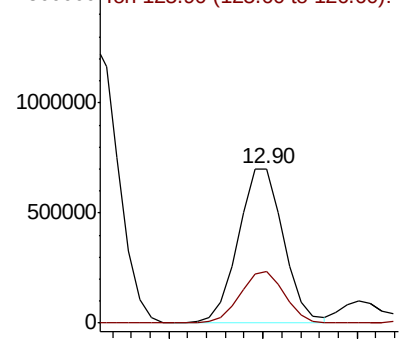
Tot Ion: 91 Resp: 1167943
 Ion Ratio Lower Upper
 91 100
 126 32.8 16.6 49.8

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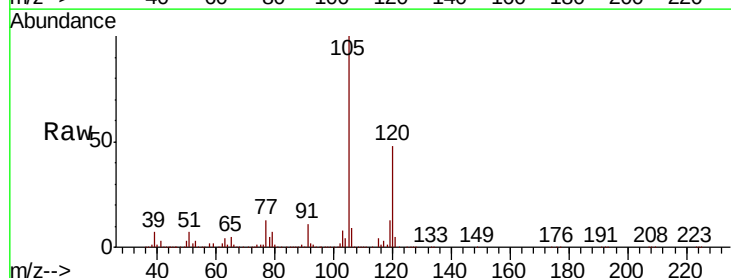


Abundance Ion 91.00 (90.70 to 91.70): VW
 1500000 Ion 125.90 (125.60 to 126.60): V

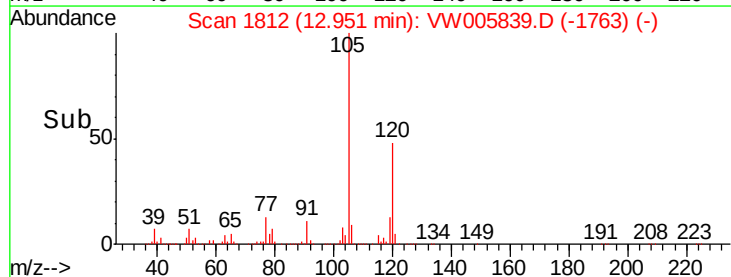
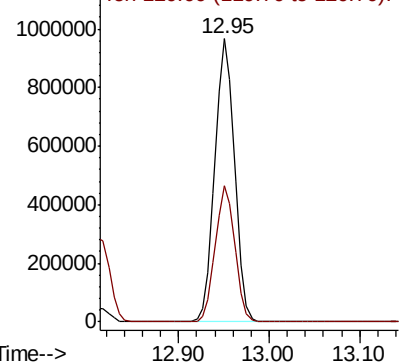


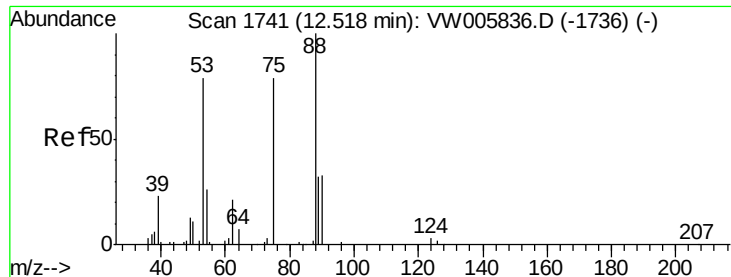
#80
 1,3,5-Trimethylbenzene
 Concen: 157.066 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VW005839.D
 Acq: 04 Oct 2018 05:46

Tgt Ion: 105 Resp: 1458725
 Ion Ratio Lower Upper
 105 100
 120 47.8 23.8 71.2



Abundance Ion 105.00 (104.70 to 105.70): V
 1000000 Ion 120.00 (119.70 to 120.70): V





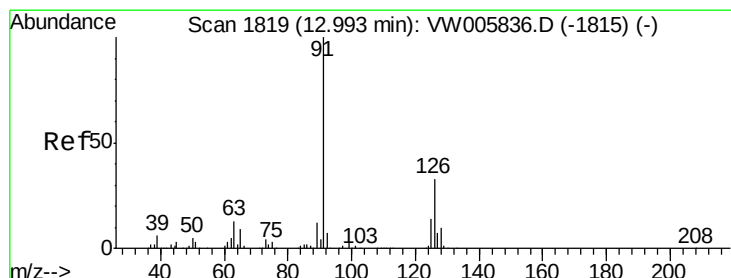
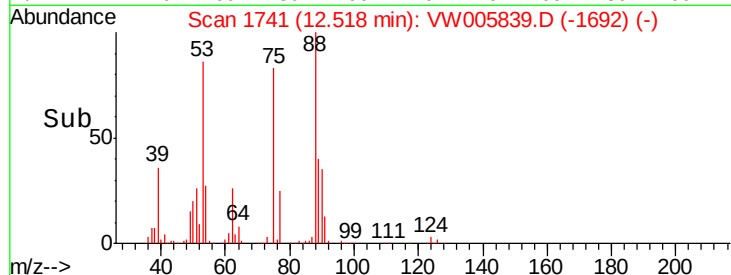
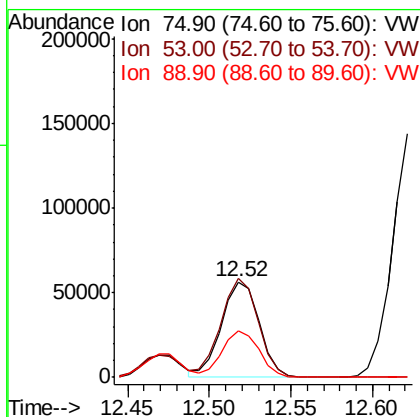
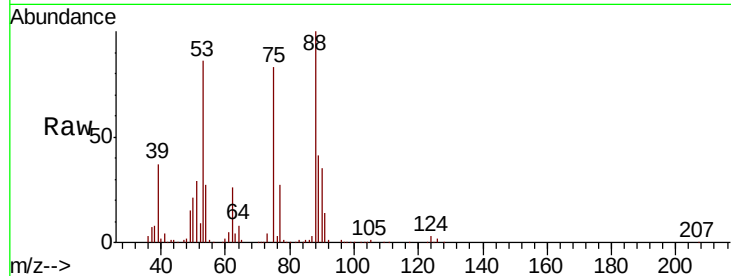
#81
trans-1,4-Dichloro-2-butene
Concen: 155.177 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW005839.D
Acq: 04 Oct 2018 05:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
53	103.3	83.7	125.5
89	47.6	37.5	56.3

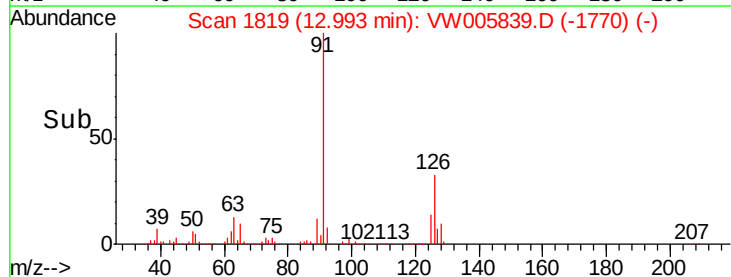
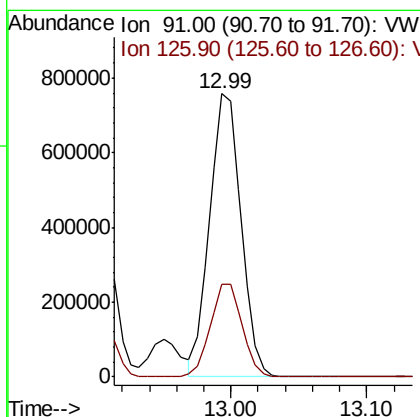
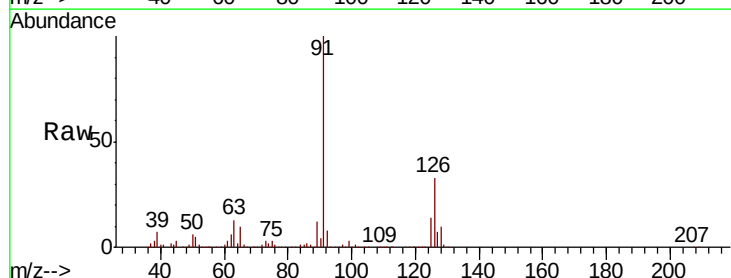
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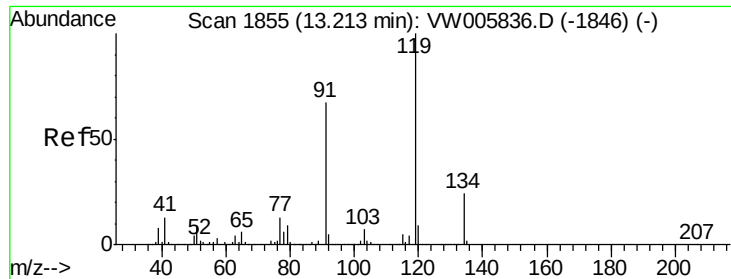
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#82
4-Chlorotoluene
Concen: 153.244 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW005839.D
Acq: 04 Oct 2018 05:46

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.2	16.7	50.0





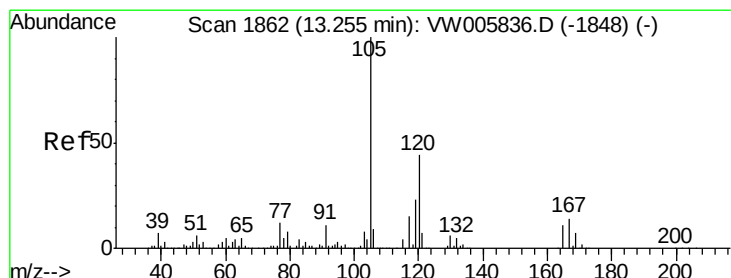
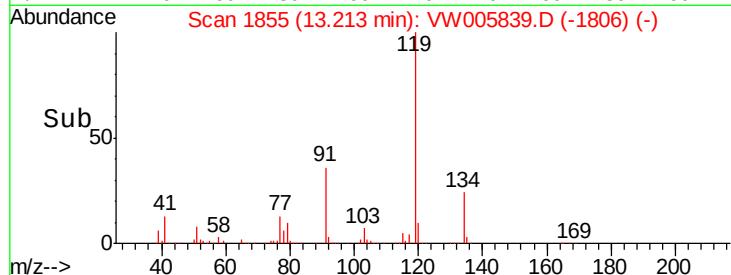
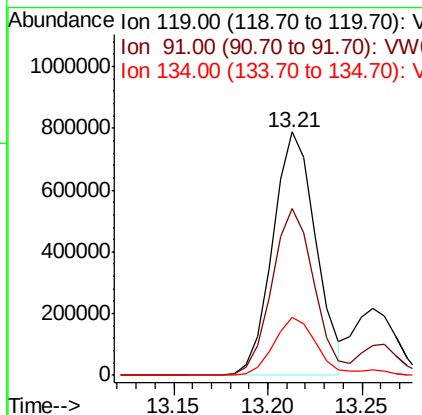
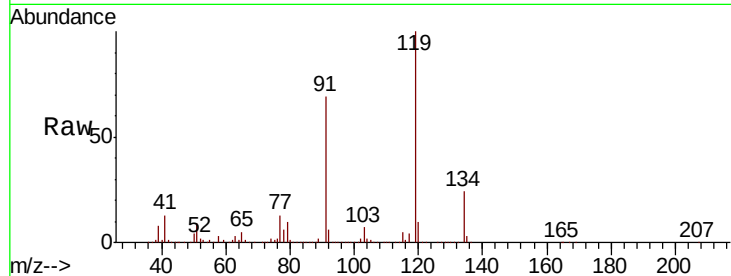
#83
 tert-Butylbenzene
 Concen: 160.296 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW005839.D
 Acq: 04 Oct 2018 05:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion:119 Resp: 1249734
 Ion Ratio Lower Upper
 119 100
 91 67.9 33.4 100.2
 134 25.0 12.8 38.3

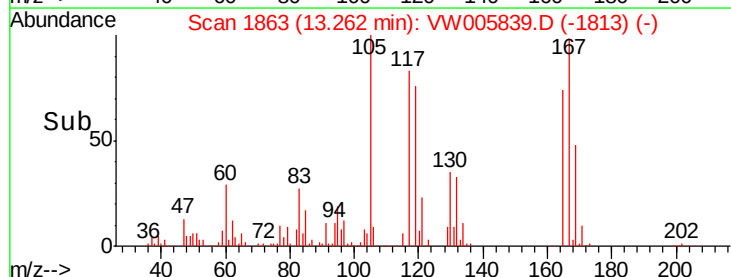
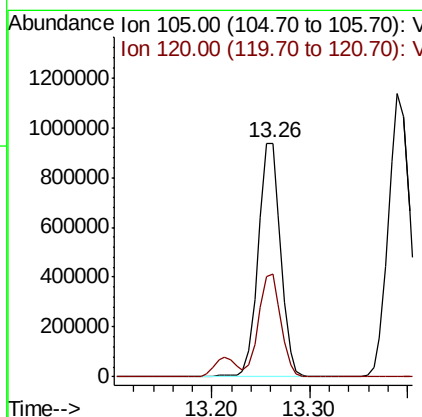
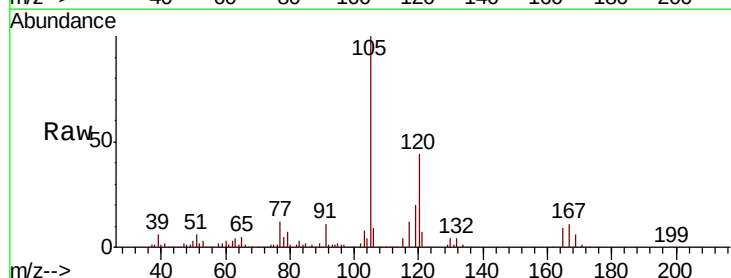
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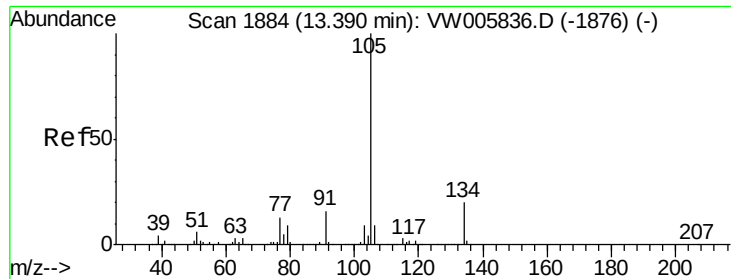
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#84
 1,2,4-Trimethylbenzene
 Concen: 157.835 ug/l
 RT: 13.26 min Scan# 1863
 Delta R.T. 0.01 min
 Lab File: VW005839.D
 Acq: 04 Oct 2018 05:46

Tgt Ion:105 Resp: 1482085
 Ion Ratio Lower Upper
 105 100
 120 43.7 21.9 65.7





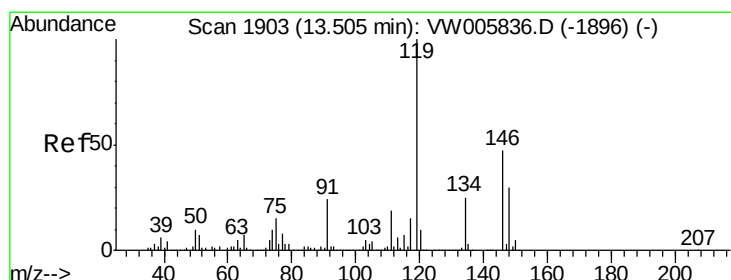
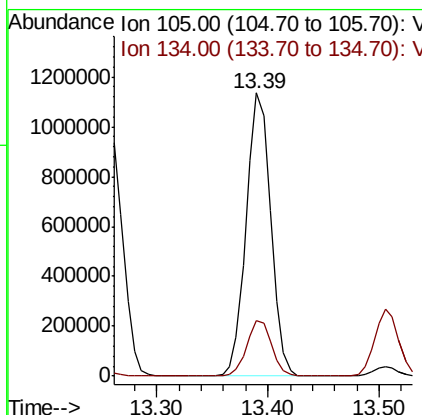
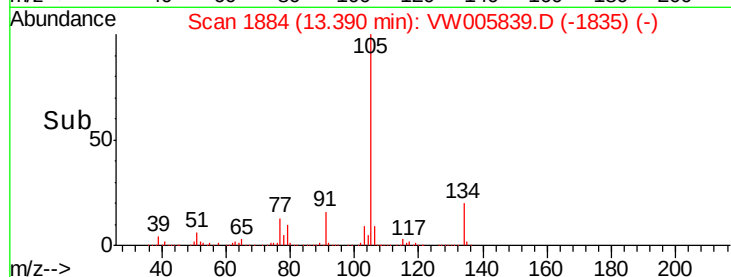
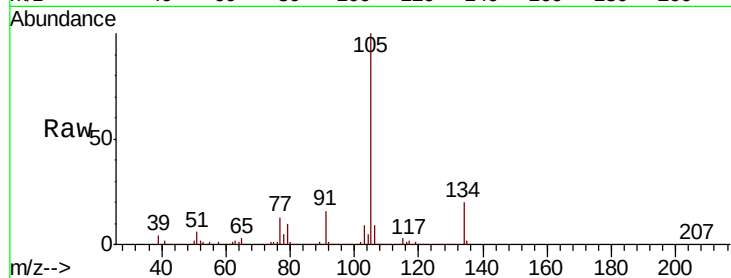
#85
 sec-Butylbenzene
 Concen: 154.775 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW005839.D
 Acq: 04 Oct 2018 05:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion:105 Resp: 1745595
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.0 30.0

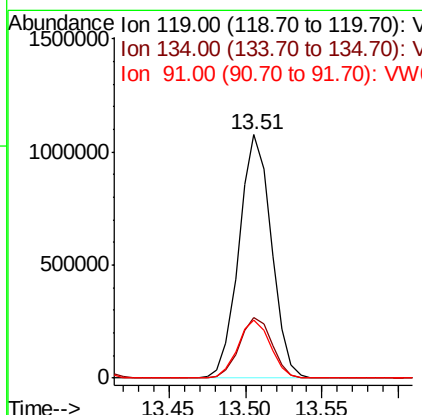
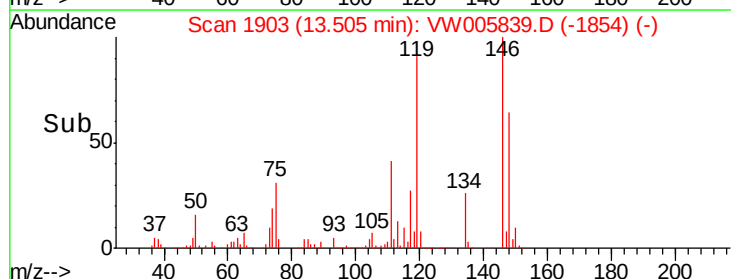
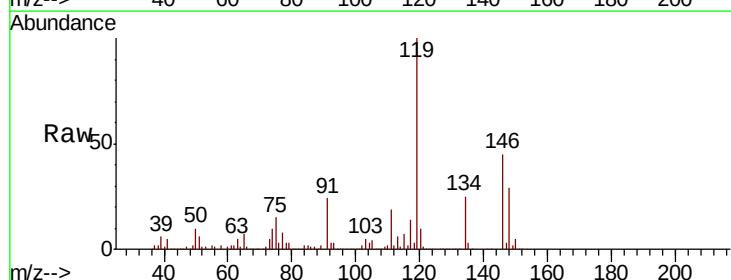
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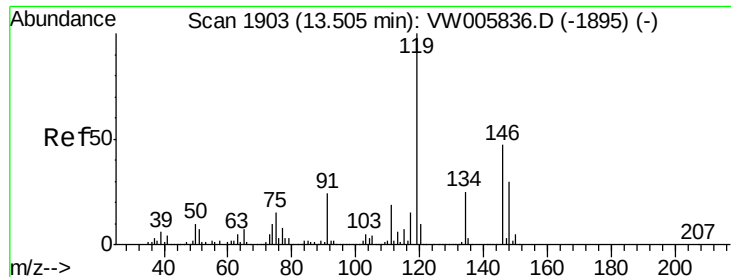
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#86
 p-Isopropyltoluene
 Concen: 156.164 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW005839.D
 Acq: 04 Oct 2018 05:46

Tgt Ion:119 Resp: 1583450
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.7 38.0
 91 24.0 11.9 35.9





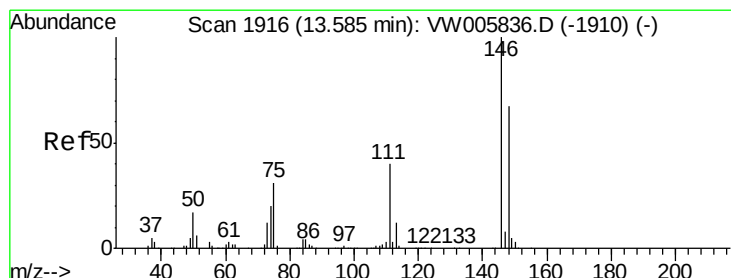
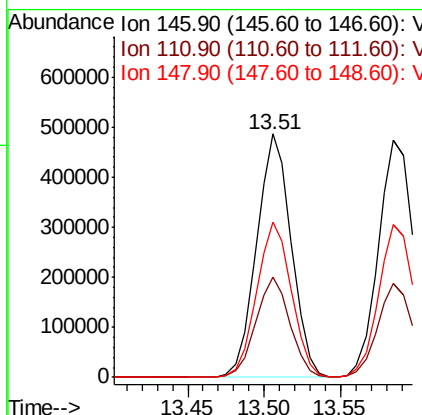
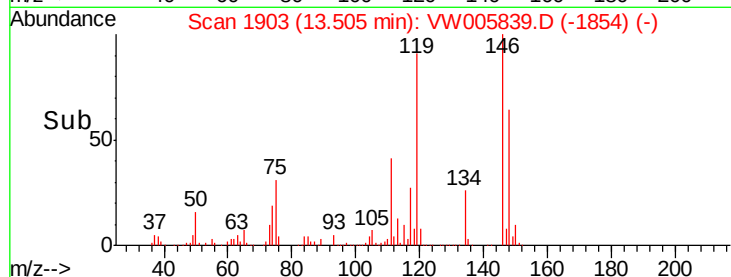
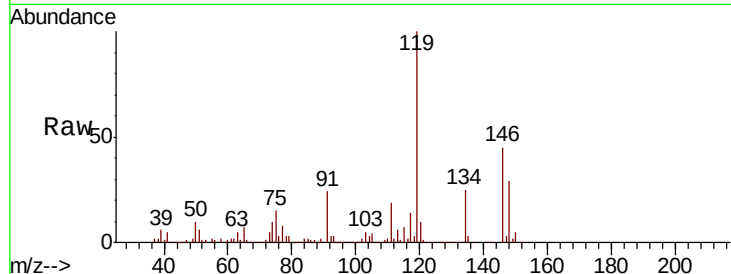
#87
 1,3-Dichlorobenzene
 Concen: 149.099 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW005839.D
 Acq: 04 Oct 2018 05:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
146	100	768801		
111	40.4	19.9	59.7	
148	63.9	32.0	96.2	

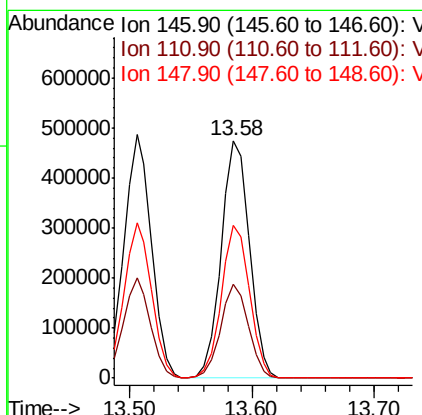
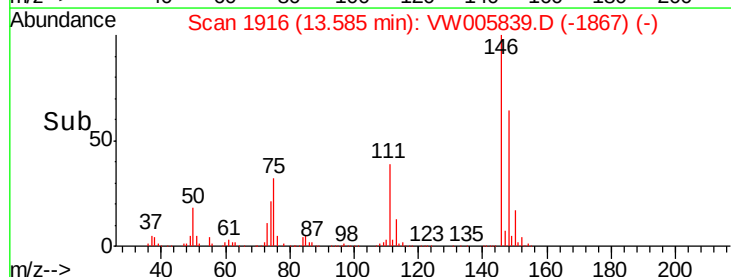
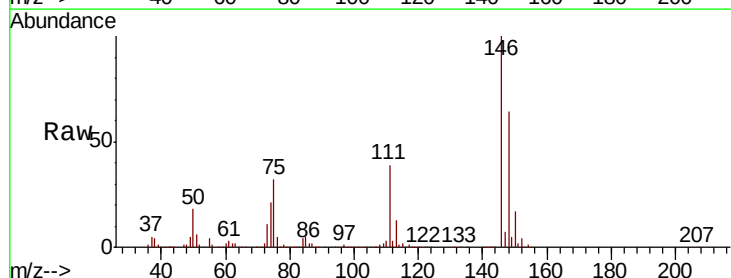
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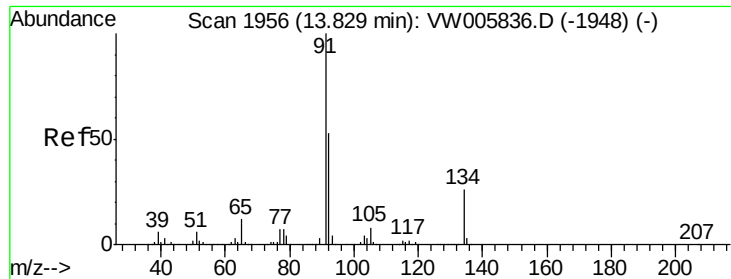
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#88
 1,4-Dichlorobenzene
 Concen: 147.868 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW005839.D
 Acq: 04 Oct 2018 05:46

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	757315		
111	39.1	19.7	59.1	
148	64.1	32.1	96.5	





#89

n-Butylbenzene

Concen: 150.749 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW005839.D

Acq: 04 Oct 2018 05:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 1433297

Ion Ratio Lower Upper

91 100

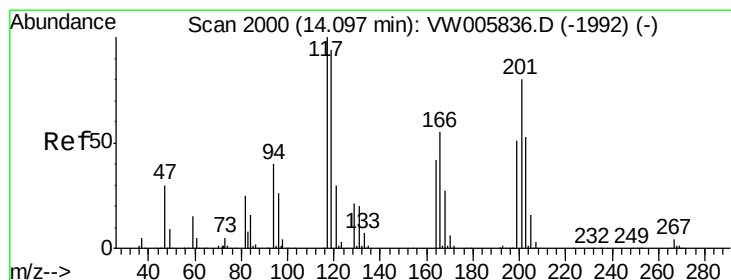
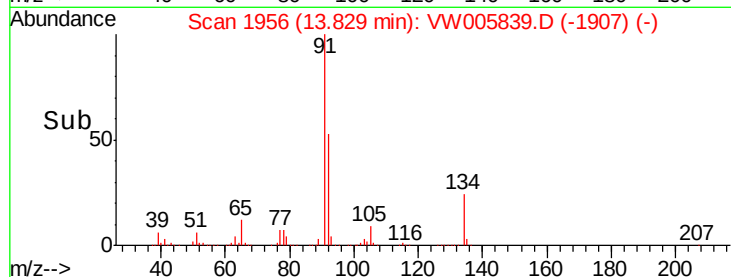
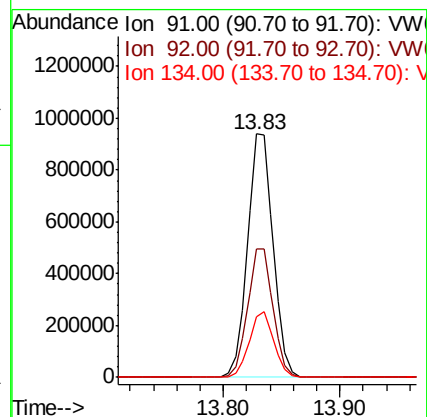
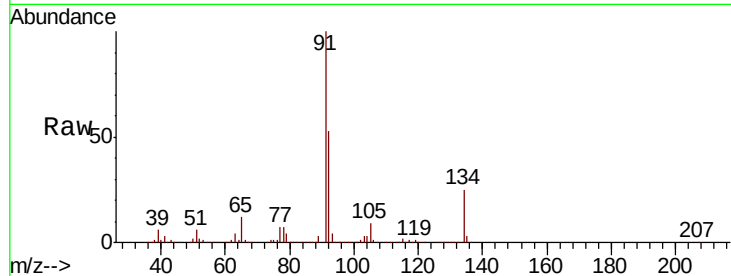
92 52.5 26.2 78.5

134 26.0 13.1 39.1

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#90

Hexachloroethane

Concen: 153.000 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.01 min

Lab File: VW005839.D

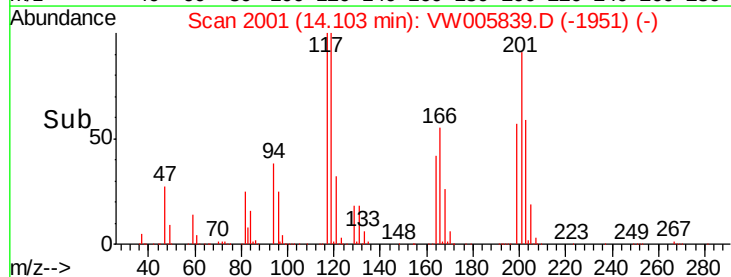
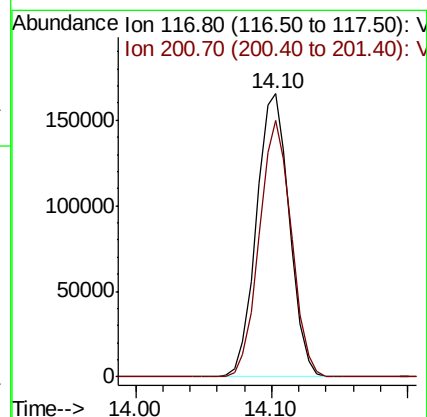
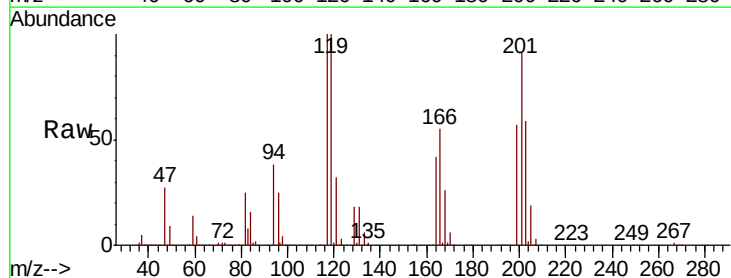
Acq: 04 Oct 2018 05:46

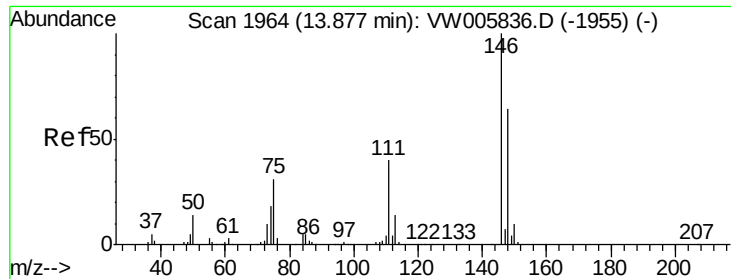
Tgt Ion: 117 Resp: 281334

Ion Ratio Lower Upper

117 100

201 88.1 43.7 131.1





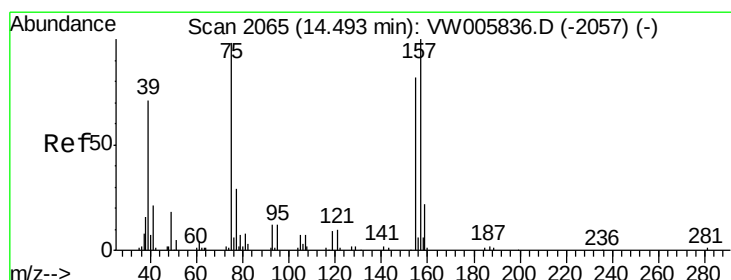
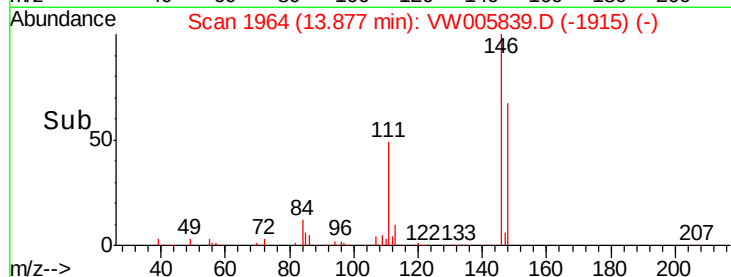
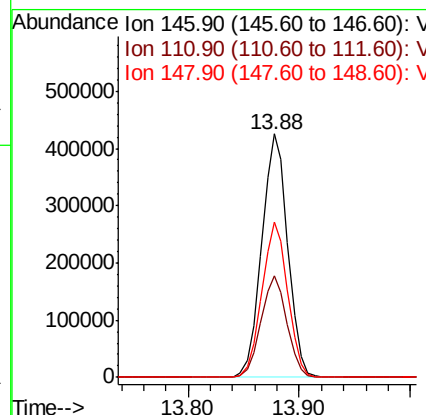
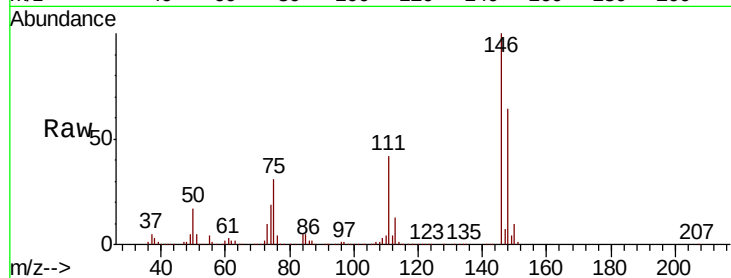
#91
 1,2-Dichlorobenzene
 Concen: 151.229 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW005839.D
 Acq: 04 Oct 2018 05:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.4	61.3
148	63.4	32.1	96.3

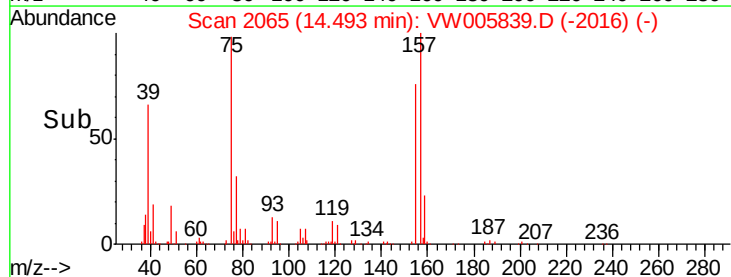
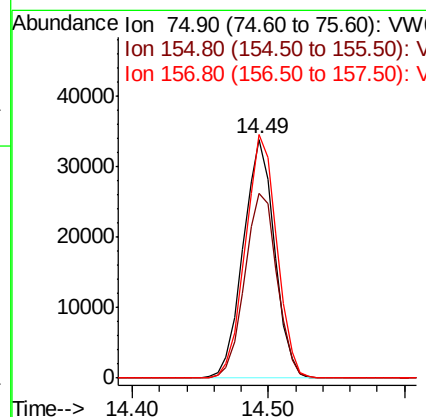
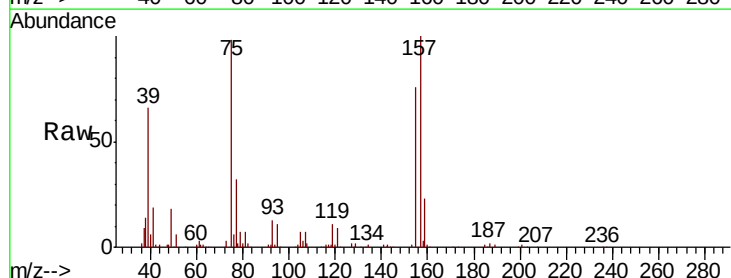
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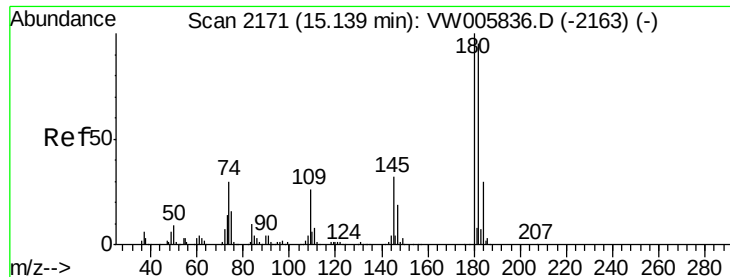
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 157.665 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW005839.D
 Acq: 04 Oct 2018 05:46

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.8	41.3	123.9
157	102.6	51.9	155.7





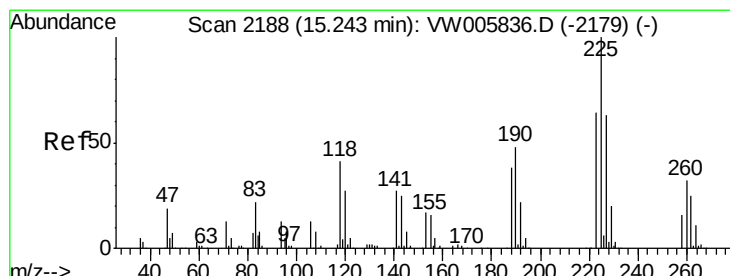
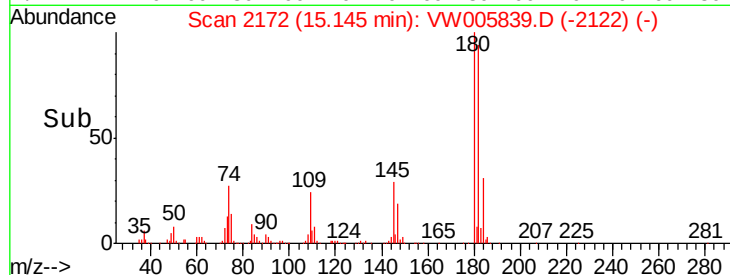
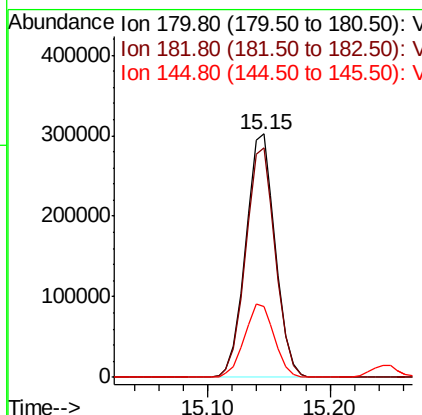
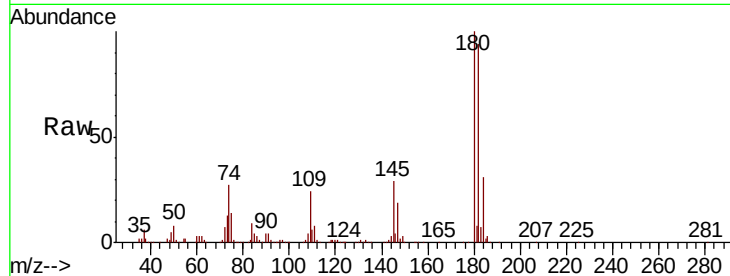
#93
 1,2,4-Trichlorobenzene
 Concen: 156.014 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. 0.01 min
 Lab File: VW005839.D
 Acq: 04 Oct 2018 05:46

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.6	47.6	142.8	
145	30.5	15.0	45.0	

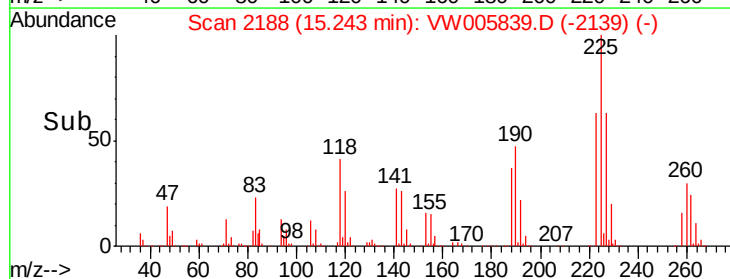
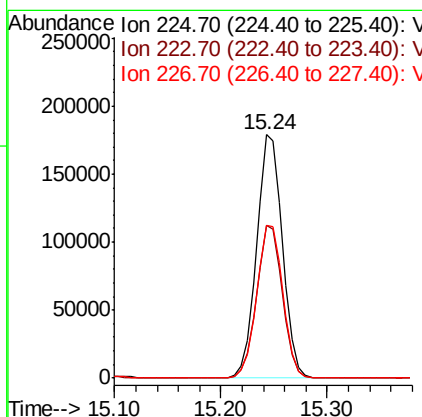
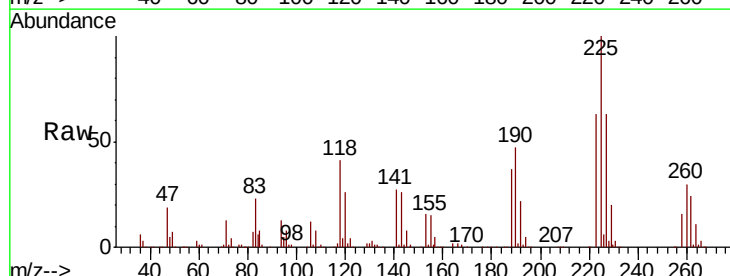
Manual Integrations
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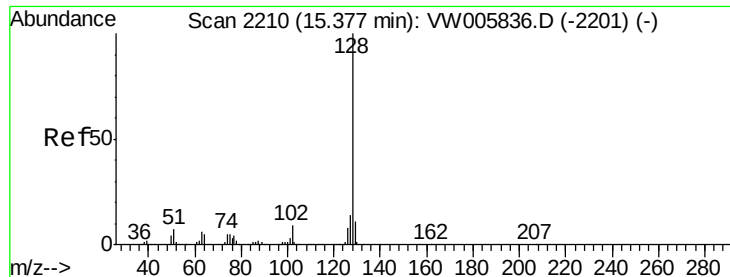
apatel
 10/4/2018 2:48:04 PM



#94
 Hexachlorobutadiene
 Concen: 145.577 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW005839.D
 Acq: 04 Oct 2018 05:46

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.4	31.2	93.6	
227	63.8	31.7	95.1	





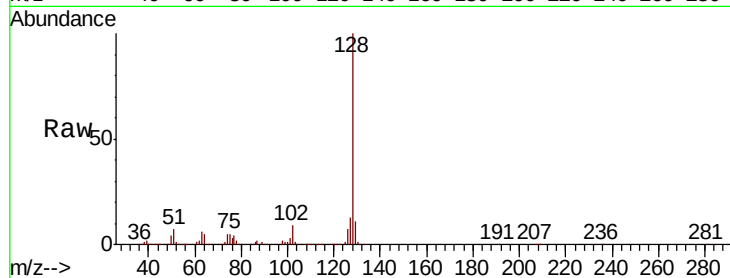
#95
Naphthalene
Concen: 175.237 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW005839.D
Acq: 04 Oct 2018 05:46

Instrument :
MSVOA_W
ClientSampled :
VSTDIC150

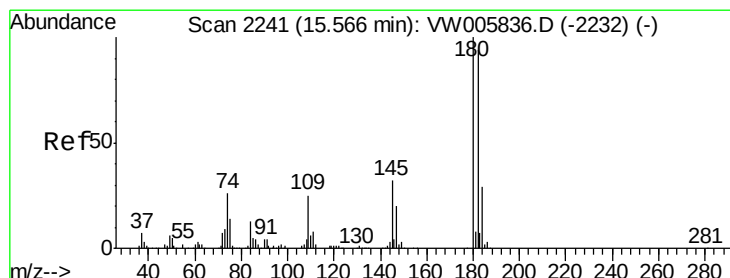
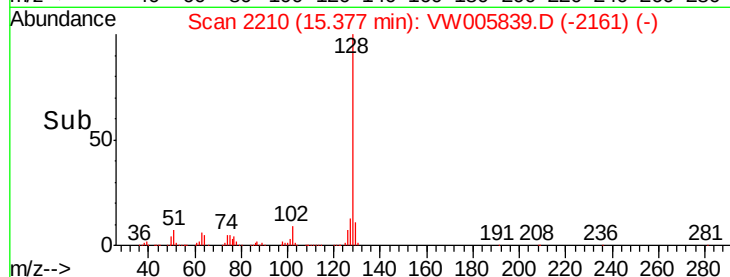
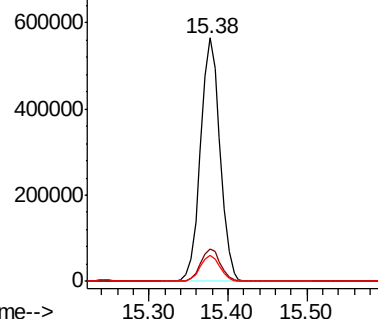
Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.9	16.3
129	10.8	8.9	13.3

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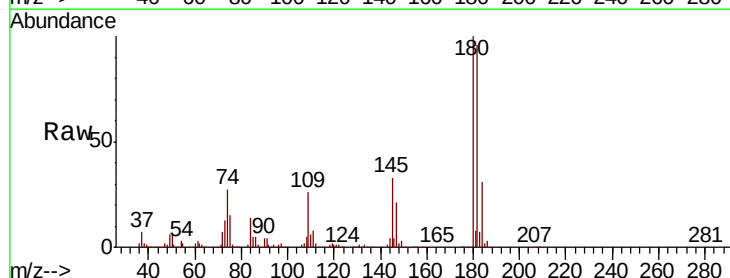


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 158.249 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW005839.D
Acq: 04 Oct 2018 05:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.3	142.0
145	32.1	16.1	48.2



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

