

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100418\
 Data File : VW005833.D
 Acq On : 04 Oct 2018 02:46
 Operator : SY/AP
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Manual Integrations
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 10/4/2018 2:46:57 PM

Quant Time: Oct 04 06:56:08 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	177528	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	279237	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	268872	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	147366	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	11611	5.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.02%	
35) Dibromofluoromethane	7.88	113	9335	5.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.56%	
50) Toluene-d8	10.33	98	35700	4.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.98%	
62) 4-Bromofluorobenzene	12.62	95	12859	4.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	5040	4.247	ug/l	97
3) Chloromethane	2.21	50	6946	4.951	ug/l	96
4) Vinyl Chloride	2.37	62	9954	5.764	ug/l	93
5) Bromomethane	2.78	94	7067	6.030	ug/l	93
6) Chloroethane	2.93	64	5837	5.275	ug/l	95
7) Trichlorofluoromethane	3.26	101	6153	4.633	ug/l	98
8) Diethyl Ether	3.68	74	5090	5.699	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.07	101	9632m	5.665	ug/l	
10) Methyl Iodide	4.26	142	14169	5.355	ug/l #	94
11) Tert butyl alcohol	5.24	59	3609m	29.636	ug/l	
12) 1,1-Dichloroethene	4.04	96	8926	5.446	ug/l	87
13) Acrolein	3.89	56	3090	32.724	ug/l	98
14) Allyl chloride	4.66	41	13780	4.882	ug/l	100
15) Acrylonitrile	5.38	53	9477	23.962	ug/l	100
16) Acetone	4.15	43	10057	26.715	ug/l	95
17) Carbon Disulfide	4.38	76	29138	5.643	ug/l	99
18) Methyl Acetate	4.68	43	5390	5.314	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	11588	4.528	ug/l	94
20) Methylene Chloride	4.92	84	21271	9.991	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	9170	5.109	ug/l #	91
22) Diisopropyl ether	6.32	45	23469	4.269	ug/l #	82
23) Vinyl Acetate	6.26	43	63322	20.044	ug/l	95
24) 1,1-Dichloroethane	6.21	63	17748	5.199	ug/l	96
25) 2-Butanone	7.19	43	12516	24.228	ug/l	95
26) 2,2-Dichloropropane	7.17	77	12333	5.277	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	10098	5.113	ug/l	95
28) Bromochloromethane	7.51	49	6966	5.248	ug/l #	99
29) Tetrahydrofuran	7.54	42	6824	21.101	ug/l	98
30) Chloroform	7.68	83	19649	5.550	ug/l	97
31) Cyclohexane	7.96	56	16574	5.118	ug/l #	71
32) 1,1,1-Trichloroethane	7.88	97	16737	5.380	ug/l	99
36) 1,1-Dichloropropene	8.09	75	13952	4.929	ug/l	99
37) Ethyl Acetate	7.26	43	5385	4.489	ug/l	99
38) Carbon Tetrachloride	8.07	117	16251	5.352	ug/l	96

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

39) Methylcyclohexane	9.34	83	15016	4.512	ug/l	95
40) Benzene	8.33	78	41349	5.138	ug/l	97
41) Methacrylonitrile	7.49	41	2725	3.927	ug/l #	87
42) 1,2-Dichloroethane	8.41	62	13783	5.286	ug/l	100
43) Isopropyl Acetate	8.43	43	10313	4.349	ug/l #	84
44) Trichloroethene	9.09	130	11398	5.515	ug/l	96
45) 1,2-Dichloropropane	9.37	63	9971	5.086	ug/l	97
46) Dibromomethane	9.46	93	5380	5.381	ug/l	97
47) Bromodichloromethane	9.65	83	14123	5.301	ug/l	99
48) Methyl methacrylate	9.44	41	4657	4.129	ug/l	95
49) 1,4-Dioxane	9.47	88	1402	87.859	ug/l #	87
51) 4-Methyl-2-Pentanone	10.21	43	25661	21.412	ug/l	98
52) Toluene	10.39	92	24967	4.961	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	12723	4.768	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	14106	4.724	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	7830	5.504	ug/l	97
56) Ethyl methacrylate	10.65	69	7291	4.155	ug/l	93
57) 1,3-Dichloropropane	10.93	76	12358	4.927	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	16384	21.011	ug/l	97
59) 2-Hexanone	10.98	43	16330	20.106	ug/l	95
60) Dibromochloromethane	11.13	129	9326	5.383	ug/l	99
61) 1,2-Dibromoethane	11.24	107	6683	5.028	ug/l	99
64) Tetrachloroethene	10.87	164	10797	5.544	ug/l	97
65) Chlorobenzene	11.66	112	30019	5.216	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	10928	5.239	ug/l	98
67) Ethyl Benzene	11.74	91	46258	4.541	ug/l	93
68) m/p-Xylenes	11.84	106	35802	9.271	ug/l	98
69) o-Xylene	12.17	106	16250	4.497	ug/l	95
70) Styrene	12.19	104	26514	4.361	ug/l	98
71) Bromoform	12.35	173	5708	5.099	ug/l #	96
73) Isopropylbenzene	12.47	105	44018	4.302	ug/l	99
74) N-amyl acetate	12.28	43	9137	3.933	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	8225	4.778	ug/l	96
76) 1,2,3-Trichloropropane	12.77	75	7010m	5.487	ug/l	
77) Bromobenzene	12.76	156	12026	4.962	ug/l	98
78) n-propylbenzene	12.81	91	52997	4.290	ug/l	100
79) 2-Chlorotoluene	12.90	91	32249	4.492	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	37236	4.182	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	2226	3.967	ug/l	95
82) 4-Chlorotoluene	12.99	91	33853	4.470	ug/l	100
83) tert-Butylbenzene	13.21	119	30994	4.147	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	37805	4.200	ug/l	97
85) sec-Butylbenzene	13.39	105	46488	4.300	ug/l	99
86) p-Isopropyltoluene	13.51	119	39610	4.075	ug/l	97
87) 1,3-Dichlorobenzene	13.51	146	24944	5.046	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	25540	5.202	ug/l	94
89) n-Butylbenzene	13.83	91	39400	4.323	ug/l	98
90) Hexachloroethane	14.10	117	8830	5.009	ug/l	96
91) 1,2-Dichlorobenzene	13.88	146	21854	4.989	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	1578	4.761	ug/l	89

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MSVOA_W
ClientSampleId :
VSTDICC005

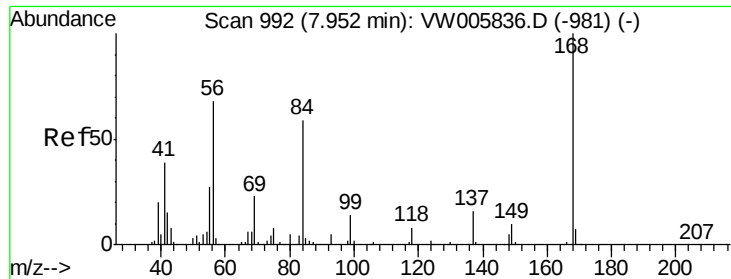
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	14636	4.707	ug/l	99
94) Hexachlorobutadiene	15.25	225	10484	5.232	ug/l	99
95) Naphthalene	15.38	128	21994	4.155	ug/l	98
96) 1,2,3-Trichlorobenzene	15.57	180	13072	4.744	ug/l	97

(#) = 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: VW005833.D

Acq: 04 Oct 2018 02:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion:168 Resp: 177528

Ion Ratio Lower Upper

168 100

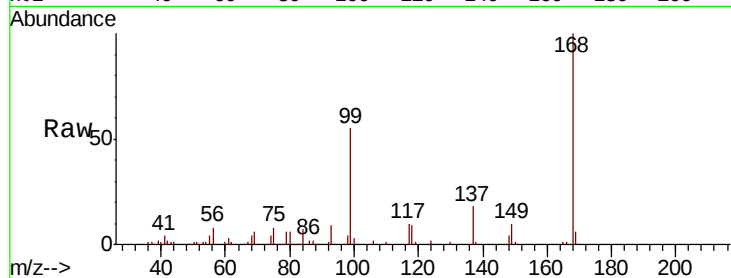
99 54.9 45.4 68.2

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

40000

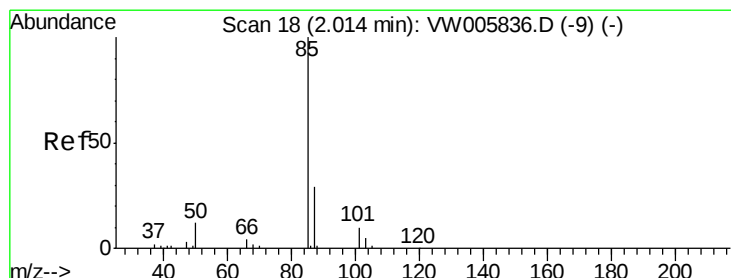
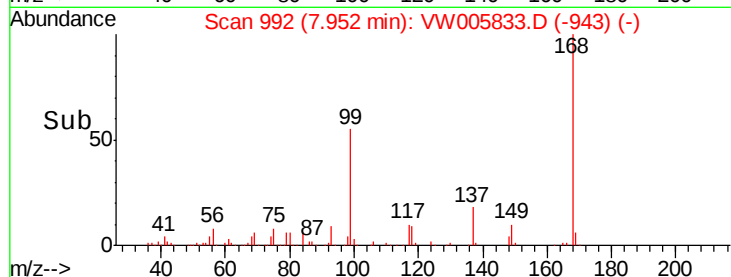
20000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 4.247 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW005833.D

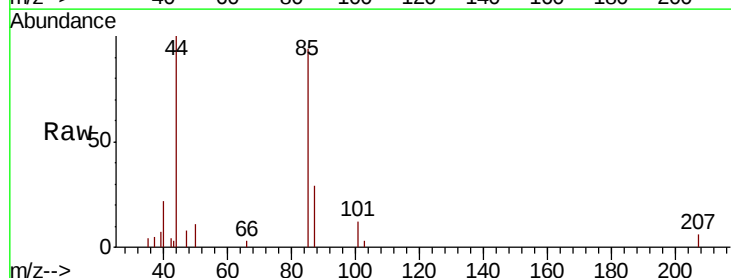
Acq: 04 Oct 2018 02:46

Tgt Ion: 85 Resp: 5040

Ion Ratio Lower Upper

85 100

87 31.1 14.8 44.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2000

1500

1000

500

0

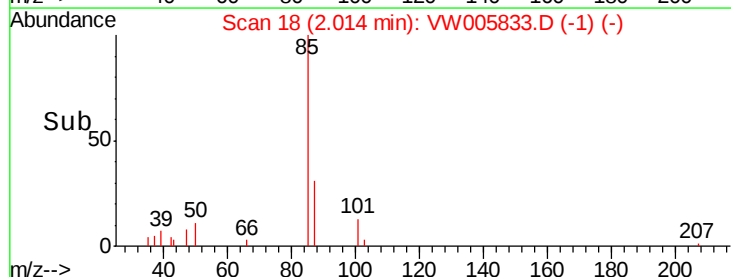
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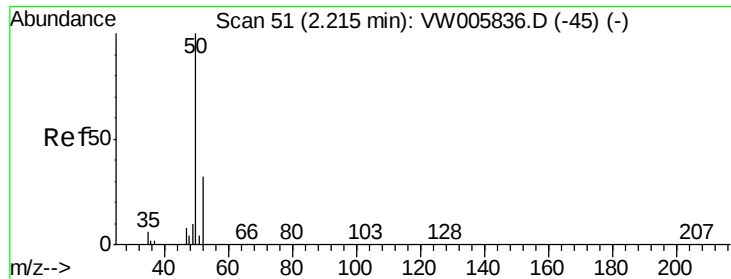
2.00

2.05

2.10

Time-->





#3

Chloromethane

Concen: 4.951 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW005833.D

Acq: 04 Oct 2018 02:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion: 50 Resp: 6946

Ion Ratio Lower Upper

50 100

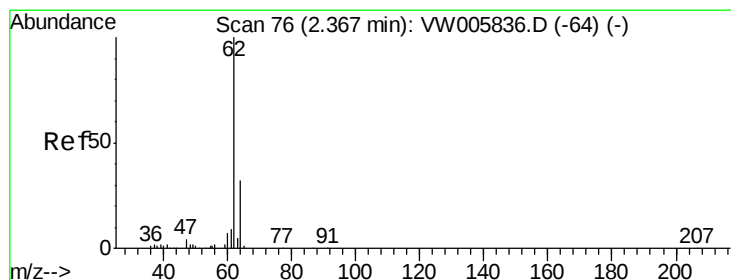
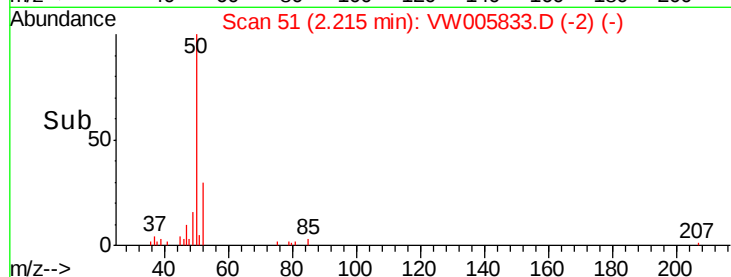
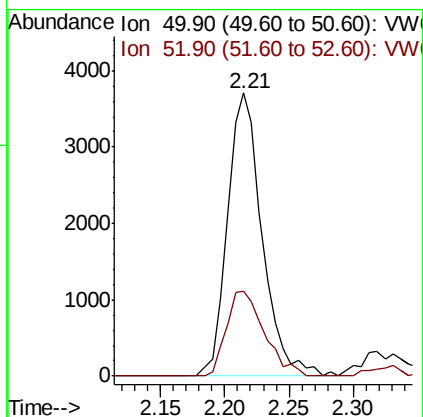
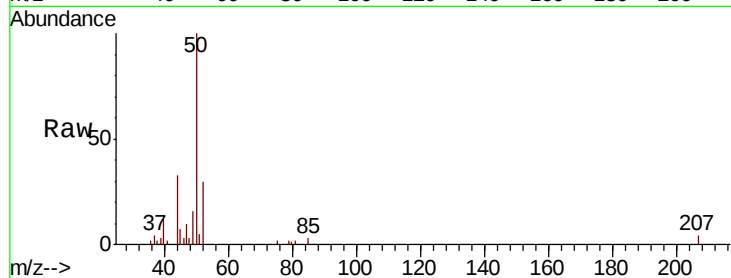
52 30.1 26.0 39.0

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#4

Vinyl Chloride

Concen: 5.764 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW005833.D

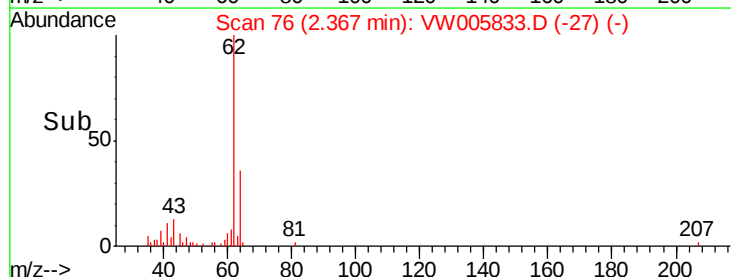
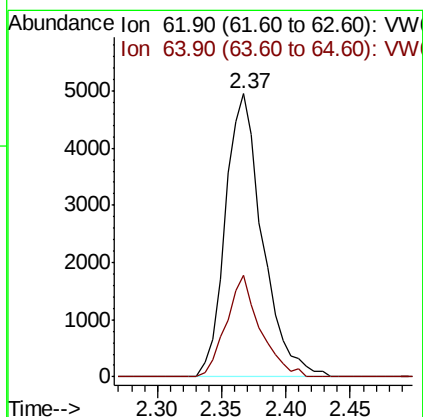
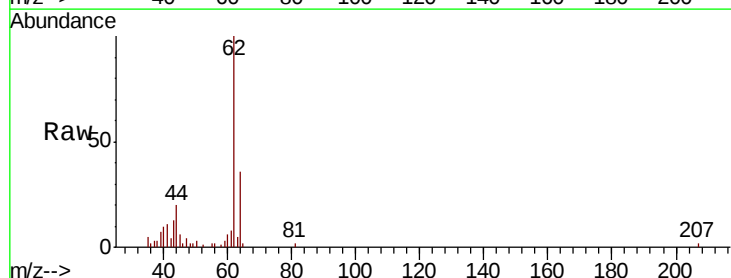
Acq: 04 Oct 2018 02:46

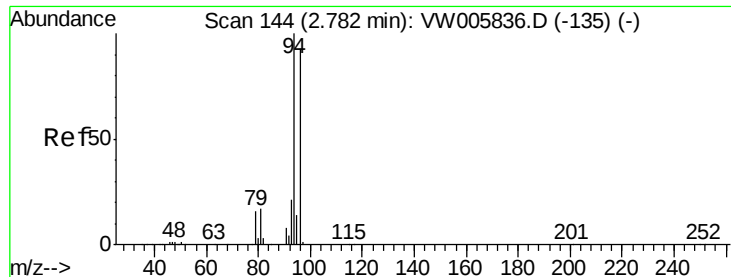
Tgt Ion: 62 Resp: 9954

Ion Ratio Lower Upper

62 100

64 35.7 25.7 38.5





#5

Bromomethane

Concen: 6.030 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW005833.D

Acq: 04 Oct 2018 02:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion: 94 Resp: 7067

Ion Ratio Lower Upper

94 100

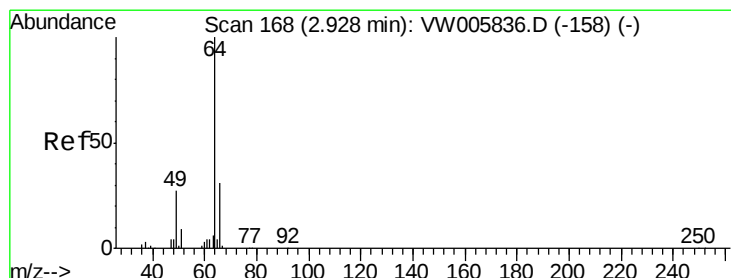
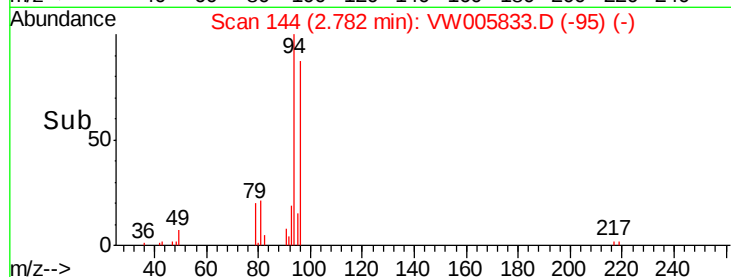
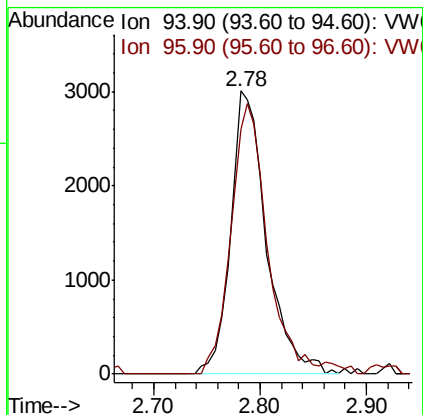
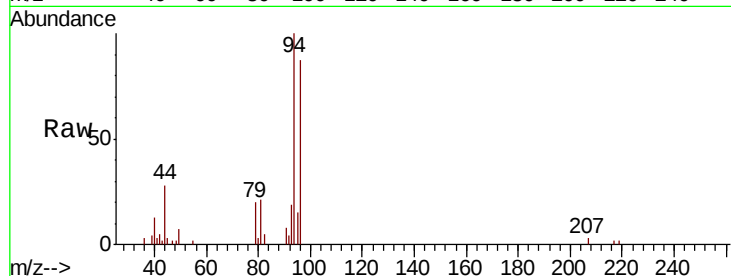
96 86.7 74.5 111.7

Manual Integrations

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#6

Chloroethane

Concen: 5.275 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW005833.D

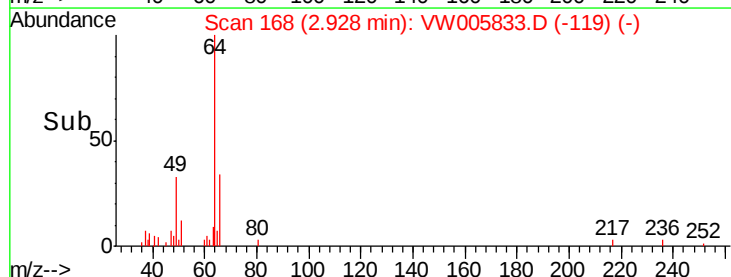
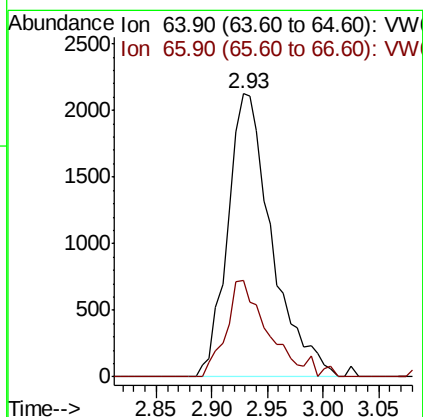
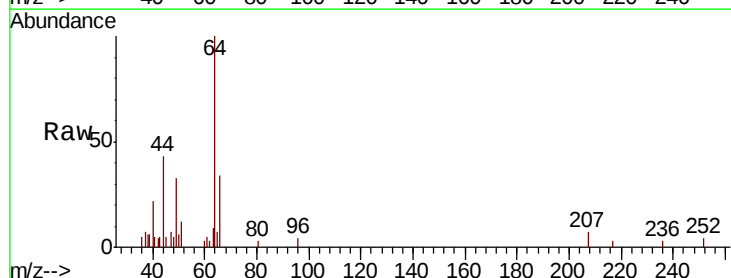
Acq: 04 Oct 2018 02:46

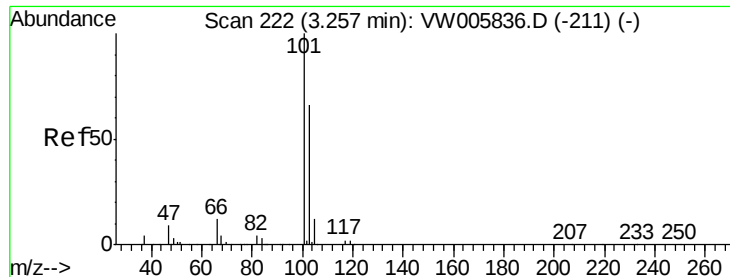
Tgt Ion: 64 Resp: 5837

Ion Ratio Lower Upper

64 100

66 34.1 25.0 37.6





#7

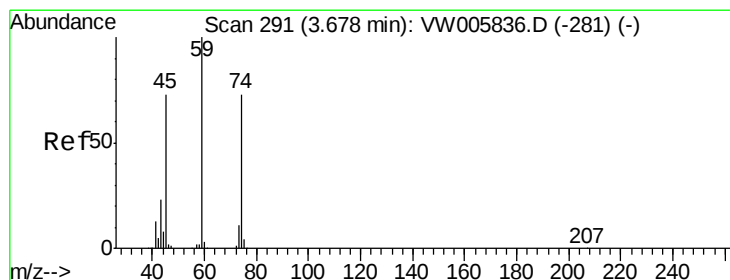
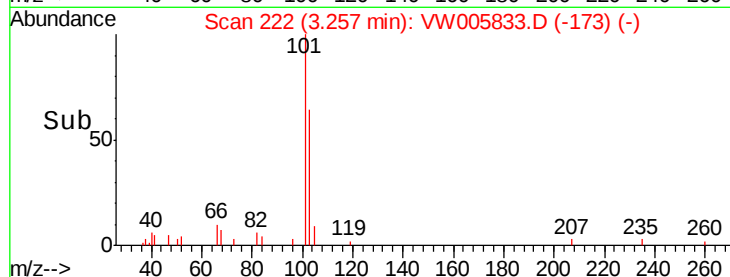
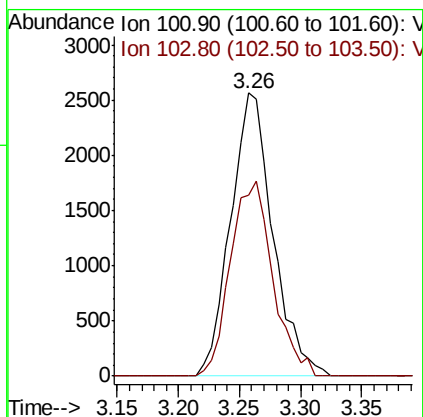
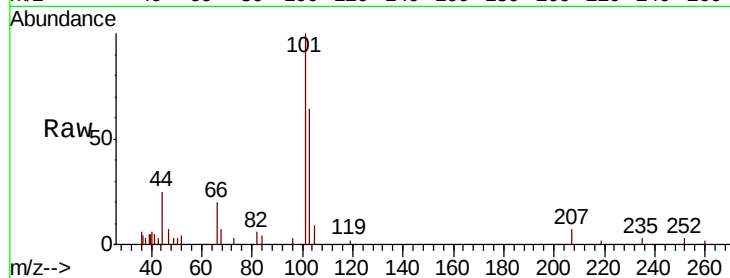
Trichlorofluoromethane
Concen: 4.633 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.00 min
Lab File: VW005833.D
Acq: 04 Oct 2018 02:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.1	52.5	78.7

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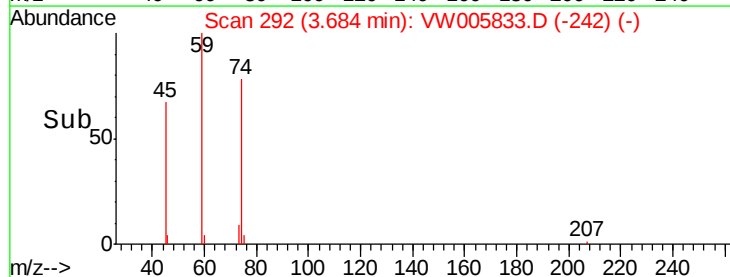
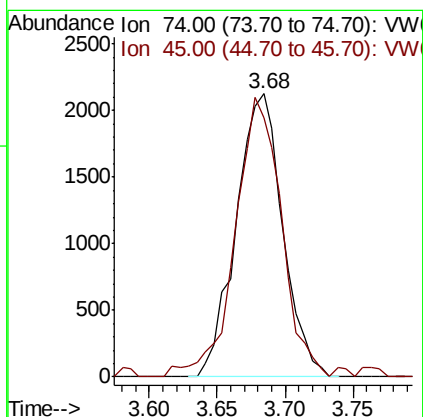
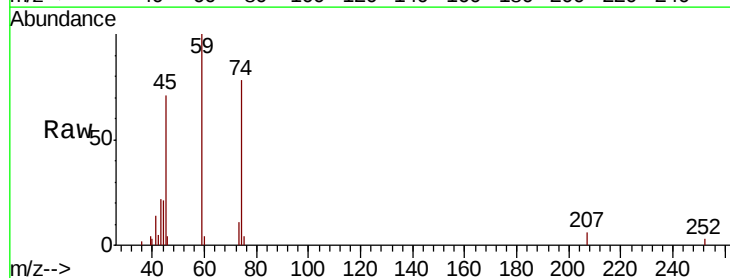
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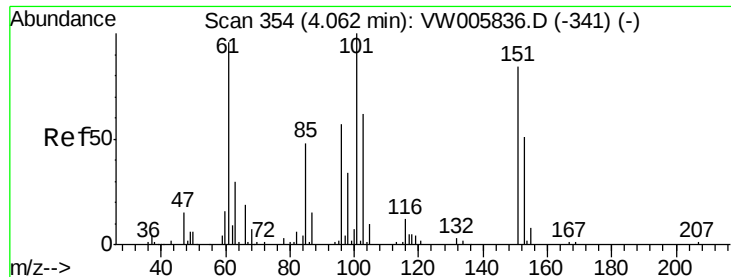


#8

Diethyl Ether
Concen: 5.699 ug/l
RT: 3.68 min Scan# 292
Delta R.T. 0.01 min
Lab File: VW005833.D
Acq: 04 Oct 2018 02:46

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.9	49.1	147.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.665 ug/l m

RT: 4.07 min Scan# 355

Delta R.T. 0.01 min

Lab File: VW005833.D

Acq: 04 Oct 2018 02:46

Instrument :

MSVOA_W

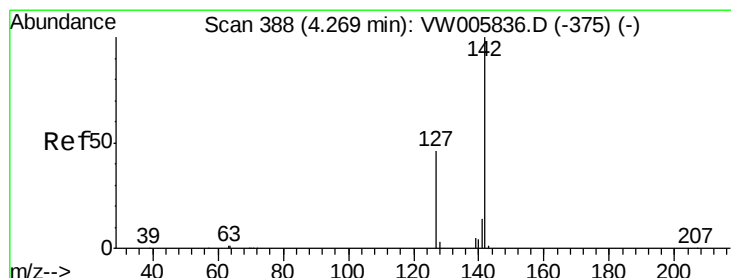
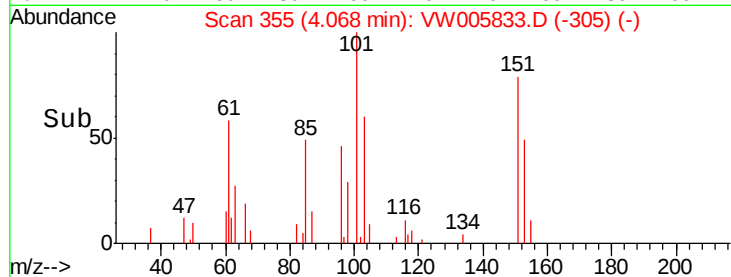
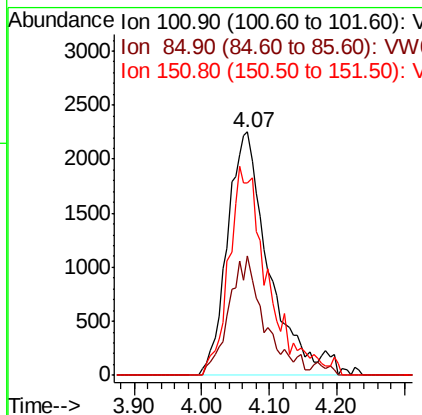
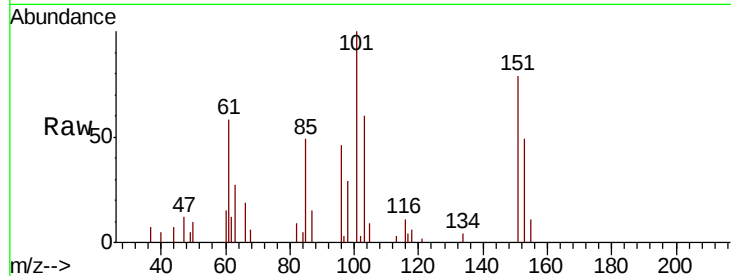
ClientSampleId :

VSTDIC005

Tot Ion:	101	Resp:	9632
Ion Ratio	Lower	Upper	
101	100		
85	40.2	35.5	53.3
151	79.7	67.4	101.2

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#10

Methyl Iodide

Concen: 5.355 ug/l

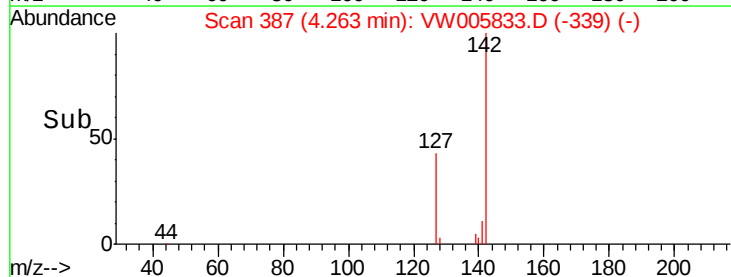
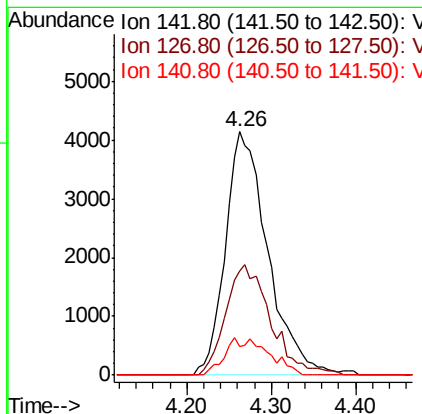
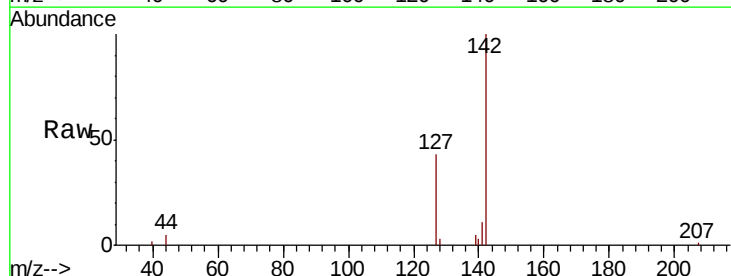
RT: 4.26 min Scan# 387

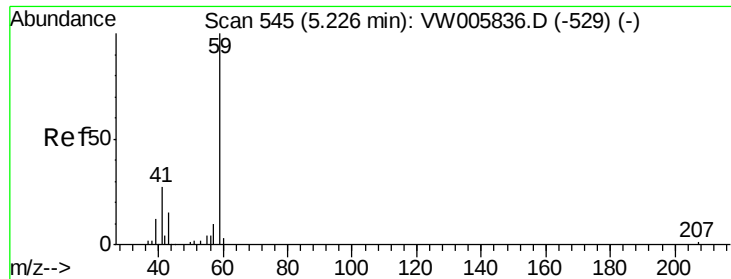
Delta R.T. -0.01 min

Lab File: VW005833.D

Acq: 04 Oct 2018 02:46

Tgt Ion:	142	Resp:	14169
Ion Ratio	Lower	Upper	
142	100		
127	48.1	37.4	56.0
141	7.4	12.2	18.2#





#11

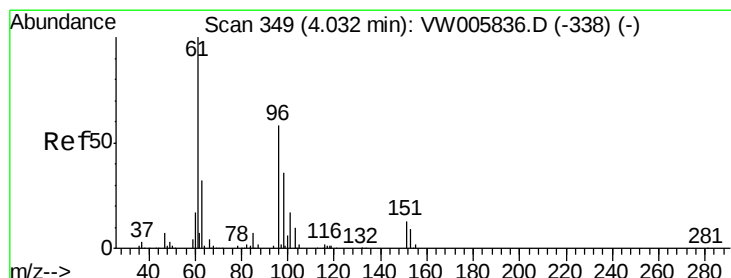
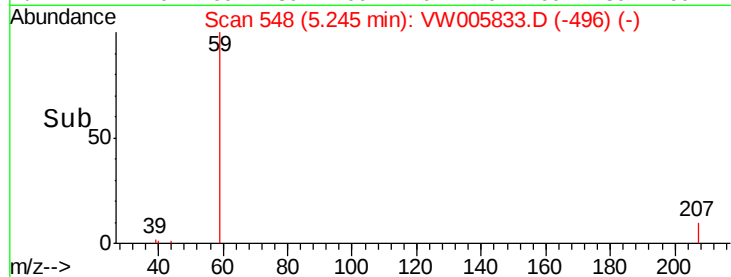
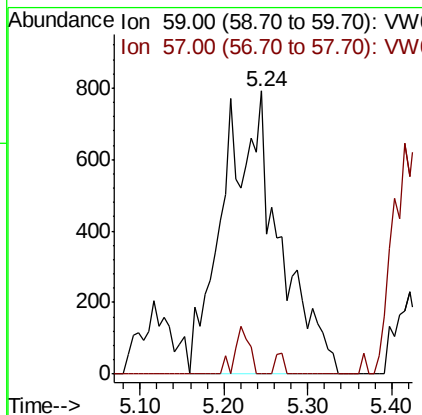
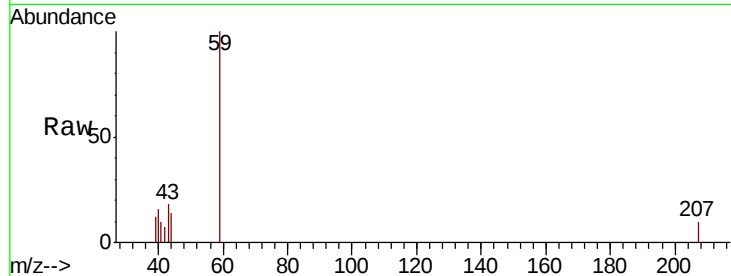
Tert butyl alcohol
 Concen: 29.636 ug/l m
 RT: 5.24 min Scan# 548
 Delta R.T. 0.02 min
 Lab File: VW005833.D
 Acq: 04 Oct 2018 02:46

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
59	100		
57	4.4	4.9	7.3#

Manual Integrations
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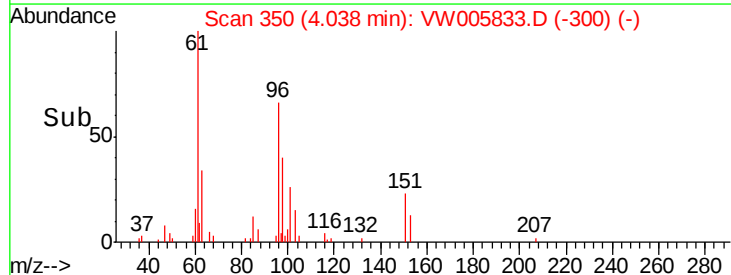
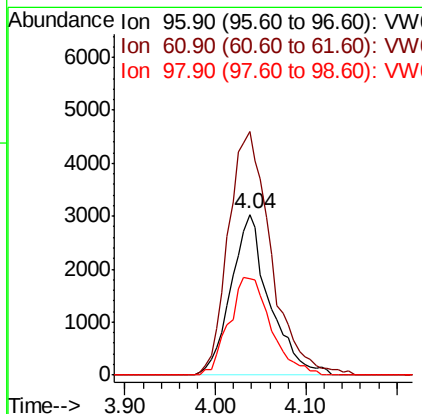
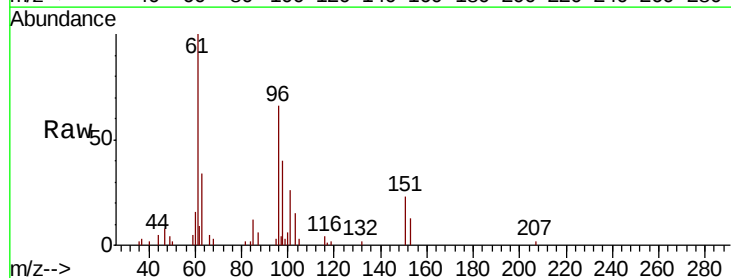
apatel
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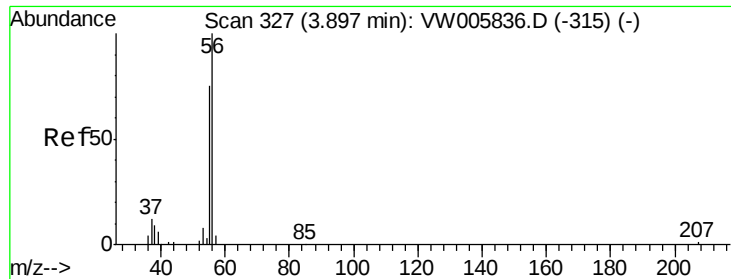


#12

1,1-Dichloroethene
 Concen: 5.446 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.01 min
 Lab File: VW005833.D
 Acq: 04 Oct 2018 02:46

Tgt Ion	Ratio	Lower	Upper
96	100		
61	151.7	138.8	208.2
98	60.1	50.6	75.8





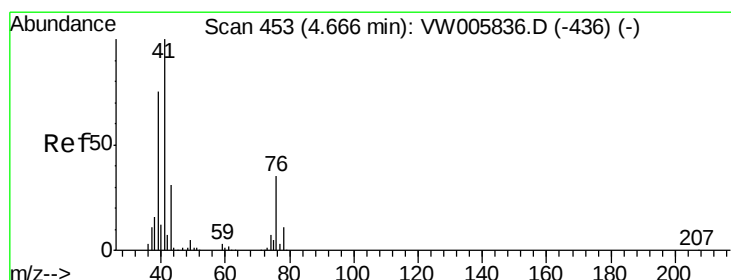
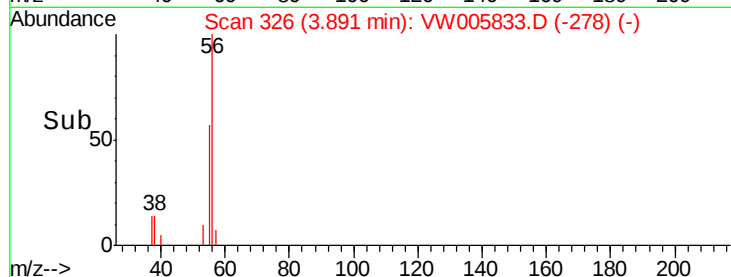
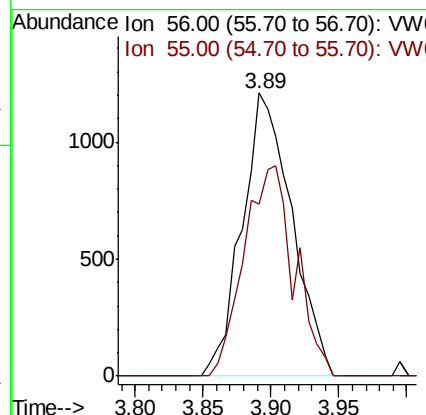
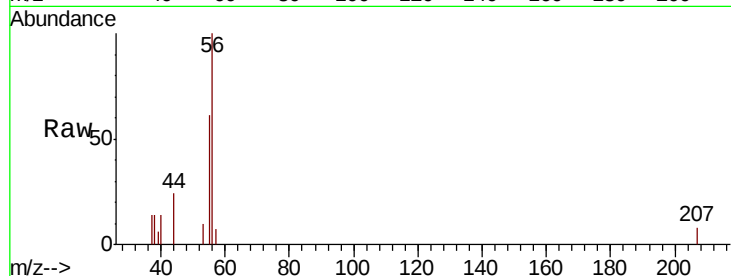
#13
 Acrolein
 Concen: 32.724 ug/l
 RT: 3.89 min Scan# 326
 Delta R.T. -0.01 min
 Lab File: VW005833.D
 Acq: 04 Oct 2018 02:46

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
56	100		
55	75.4	59.2	88.8

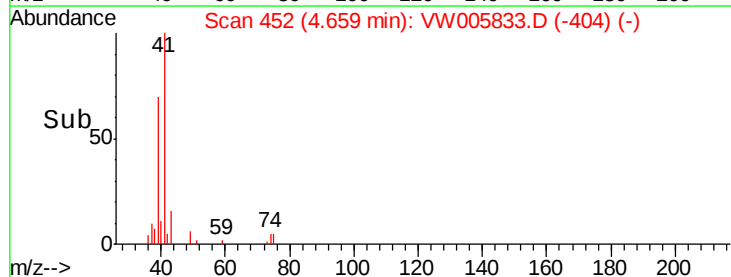
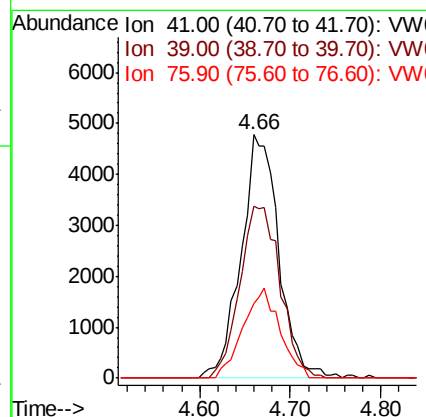
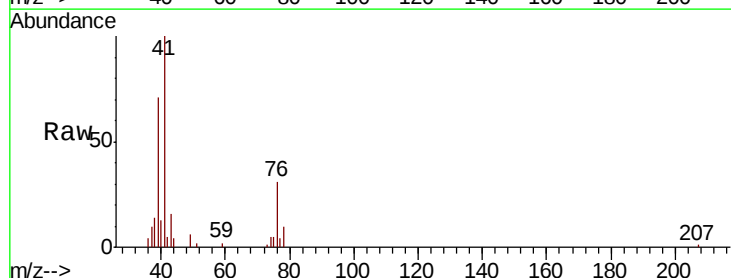
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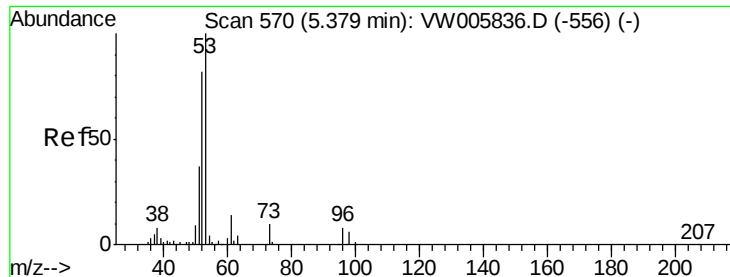
apatel
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#14
 Allyl chloride
 Concen: 4.882 ug/l
 RT: 4.66 min Scan# 452
 Delta R.T. -0.01 min
 Lab File: VW005833.D
 Acq: 04 Oct 2018 02:46

Tgt Ion	Ratio	Lower	Upper
41	100		
39	75.4	60.3	90.5
76	35.8	28.9	43.3





#15

Acrylonitrile

Concen: 23.962 ug/l

RT: 5.38 min Scan# 570

Delta R.T. -0.00 min

Lab File: VW005833.D

Acq: 04 Oct 2018 02:46

Instrument :

MSVOA_W

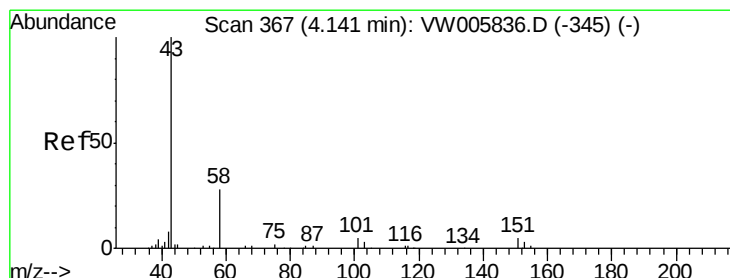
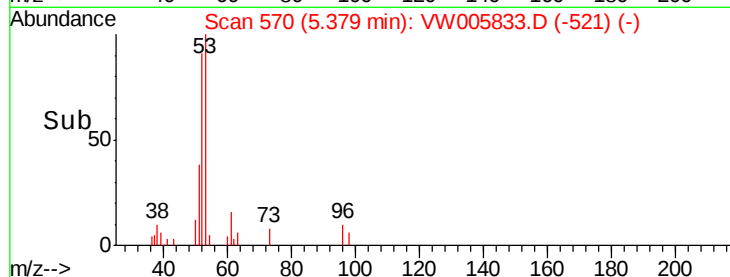
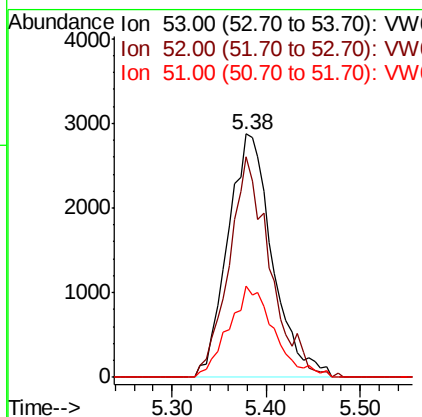
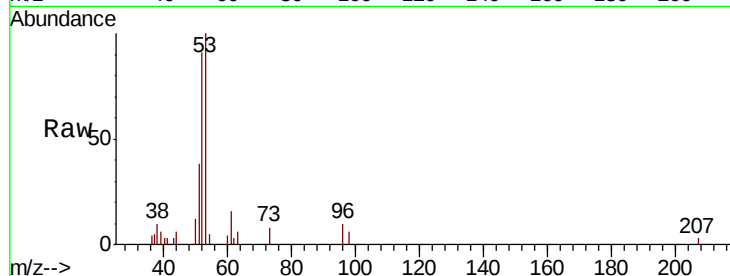
ClientSampleId :

VSTDIC005

Tot Ion:	53	Resp:	9477
Ion	Ratio	Lower	Upper
53	100		
52	83.9	67.3	100.9
51	38.2	30.2	45.2

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#16

Acetone

Concen: 26.715 ug/l

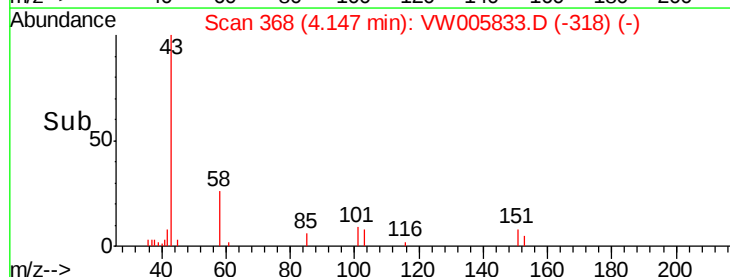
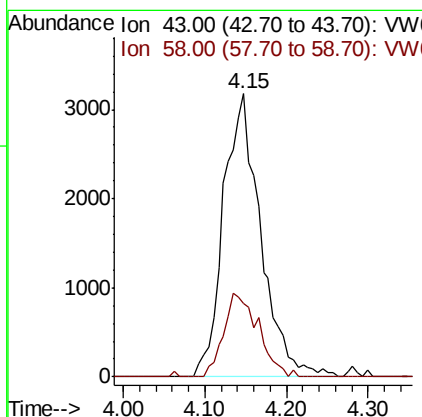
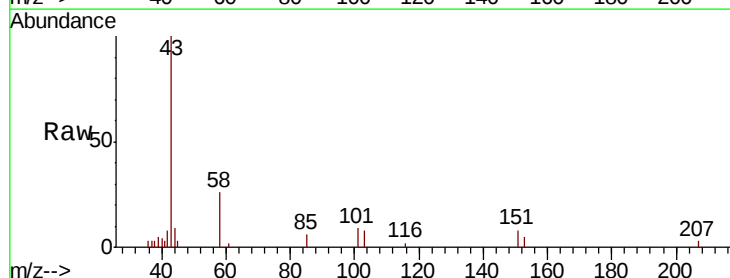
RT: 4.15 min Scan# 368

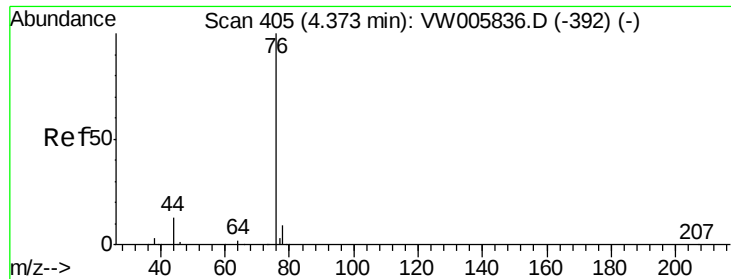
Delta R.T. 0.01 min

Lab File: VW005833.D

Acq: 04 Oct 2018 02:46

Tgt Ion:	43	Resp:	10057
Ion	Ratio	Lower	Upper
43	100		
58	25.9	23.0	34.4





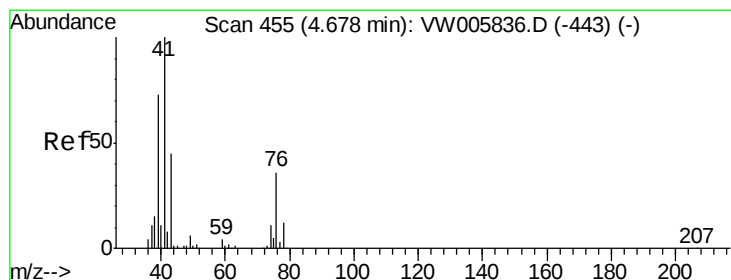
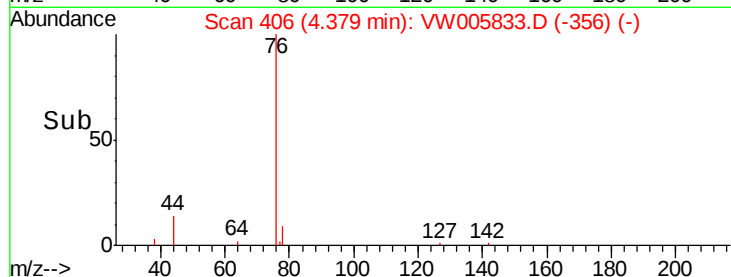
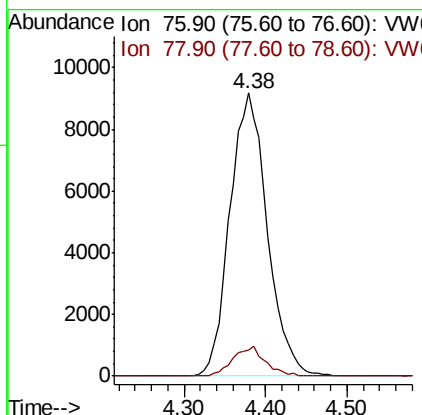
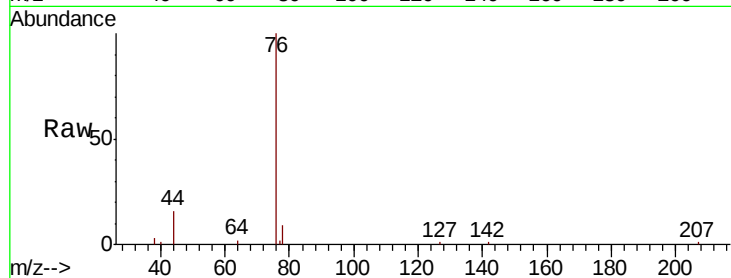
#17
Carbon Disulfide
Concen: 5.643 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.01 min
Lab File: VW005833.D
Acq: 04 Oct 2018 02:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.0	10.6

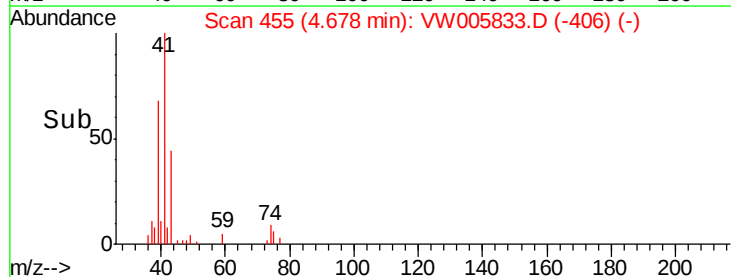
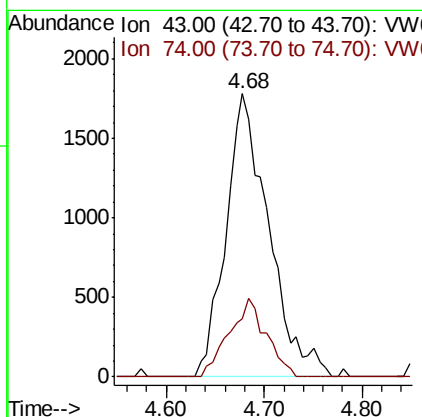
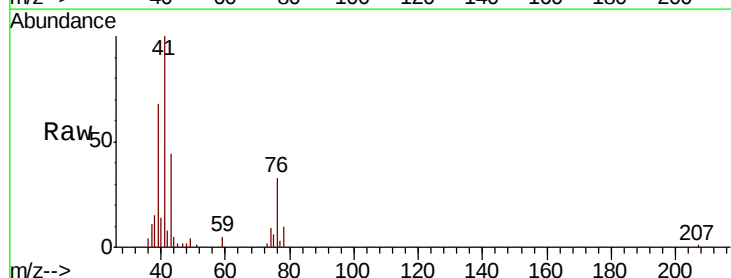
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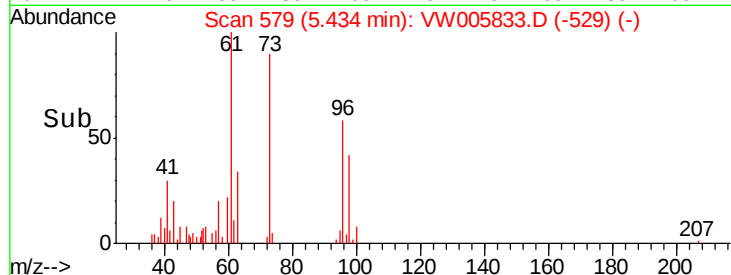
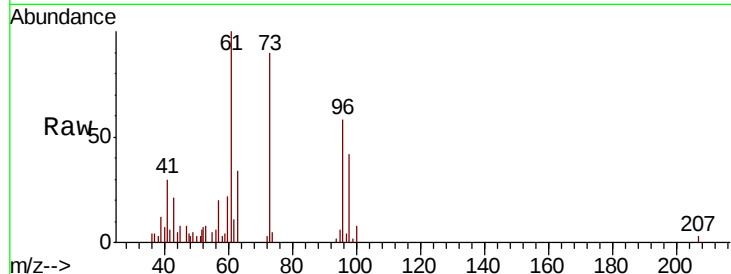
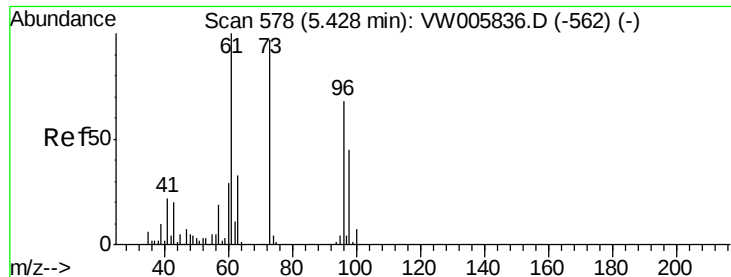
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#18
Methyl Acetate
Concen: 5.314 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.00 min
Lab File: VW005833.D
Acq: 04 Oct 2018 02:46

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.0	19.5	29.3





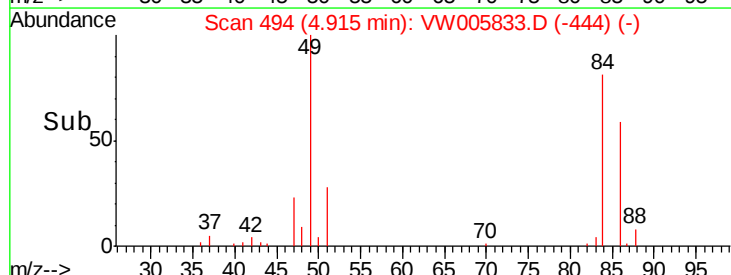
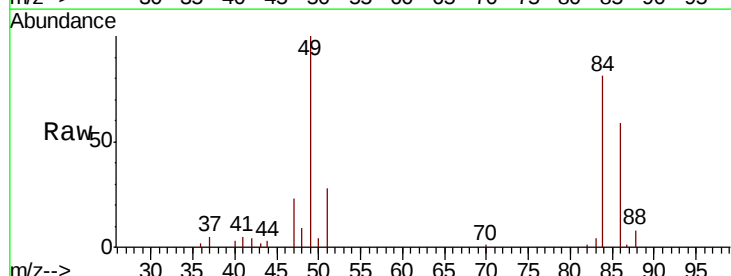
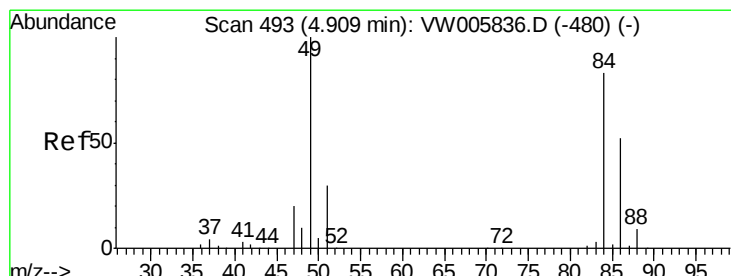
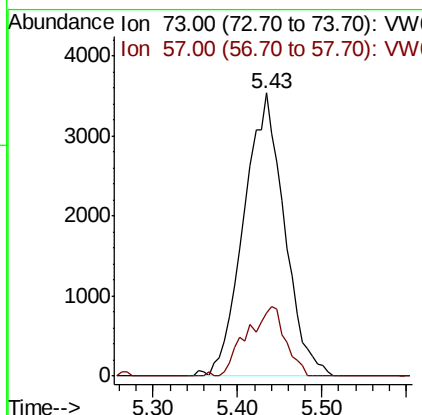
#19
Methvl tert-butvl Ether
Concen: 4.528 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.01 min
Lab File: VW005833.D
Acq: 04 Oct 2018 02:46

Tot Ion: 73 Resp: 11588
Ion Ratio Lower Upper
73 100
57 22.5 15.9 23.9

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

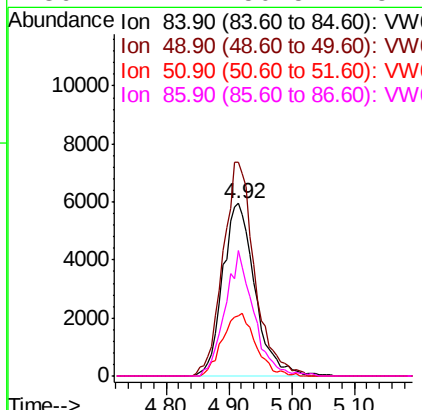
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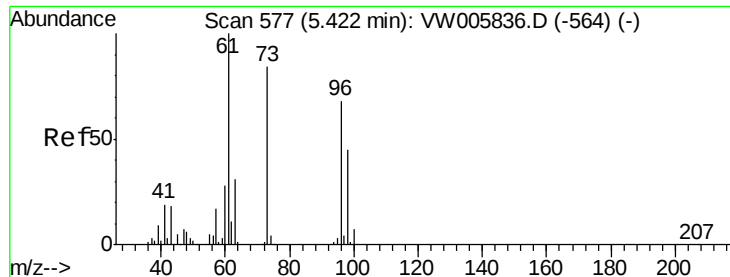
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#20
Methylene Chloride
Concen: 9.991 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW005833.D
Acq: 04 Oct 2018 02:46

Tgt Ion: 84 Resp: 21271
Ion Ratio Lower Upper
84 100
49 123.6 96.8 145.2
51 34.6 28.8 43.2
86 72.7 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 5.109 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW005833.D

Acq: 04 Oct 2018 02:46

Instrument :

MSVOA_W

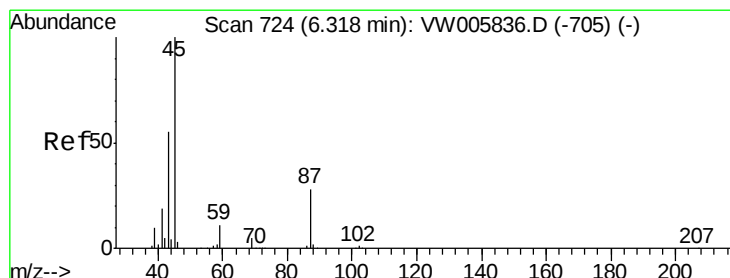
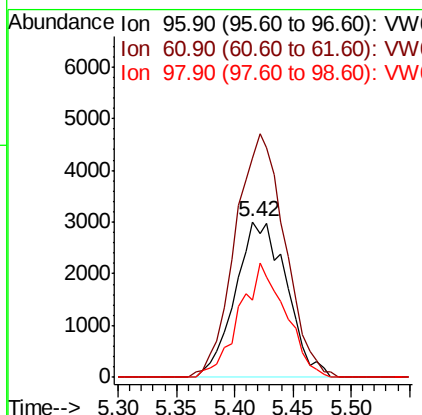
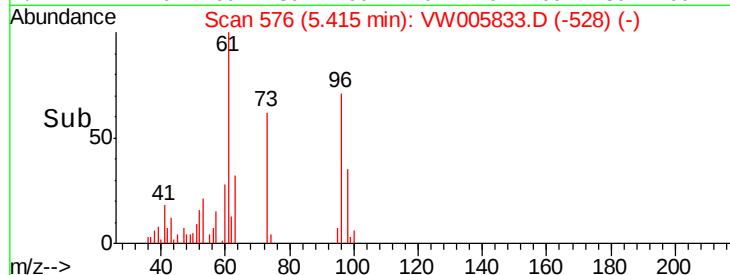
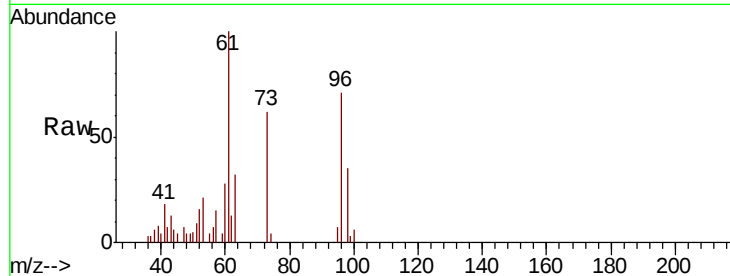
ClientSampleId :

VSTDIC005

Tot Ion:	96	Resp:	9170
Ion	Ratio	Lower	Upper
96	100		
61	140.5	117.0	175.6
98	49.8	52.2	78.2#

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#22

Diisopropyl ether

Concen: 4.269 ug/l

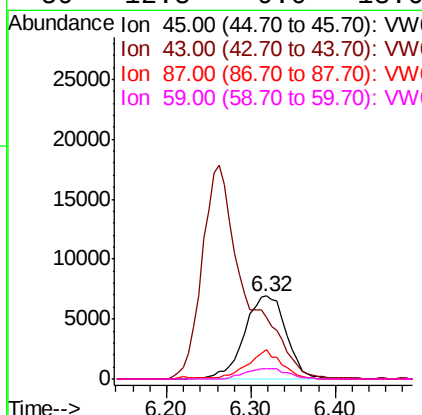
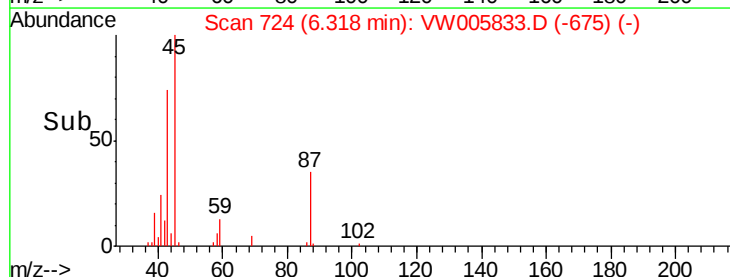
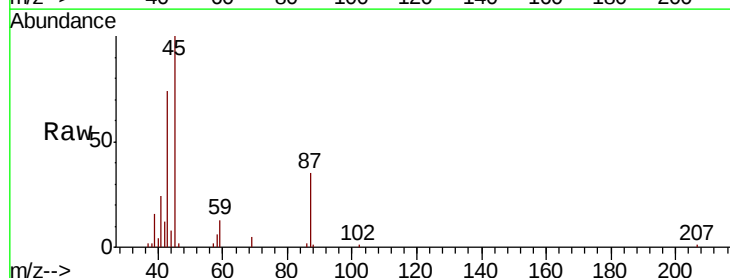
RT: 6.32 min Scan# 724

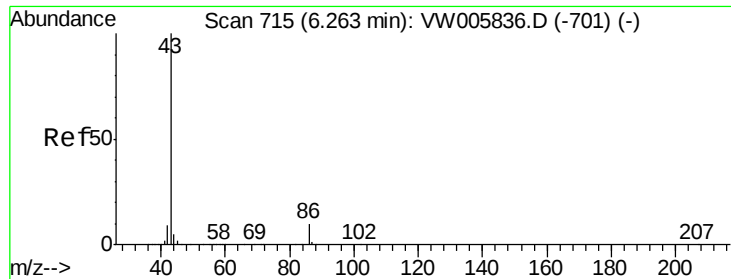
Delta R.T. -0.00 min

Lab File: VW005833.D

Acq: 04 Oct 2018 02:46

Tgt Ion:	45	Resp:	23469
Ion	Ratio	Lower	Upper
45	100		
43	73.3	44.6	67.0#
87	35.0	23.4	35.2
59	12.8	9.0	13.6





#23

Vinyl Acetate

Concen: 20.044 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW005833.D

Acq: 04 Oct 2018 02:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 63322

Ion Ratio Lower Upper

43 100

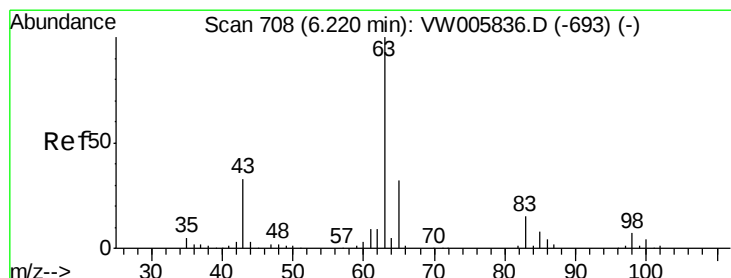
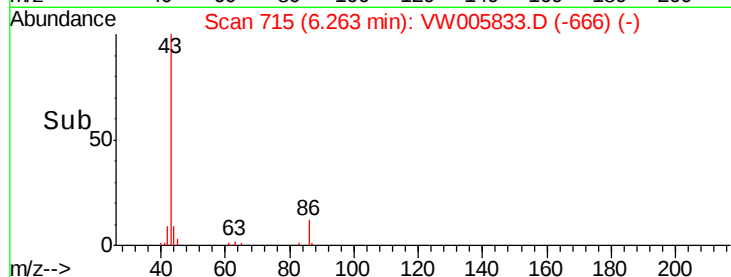
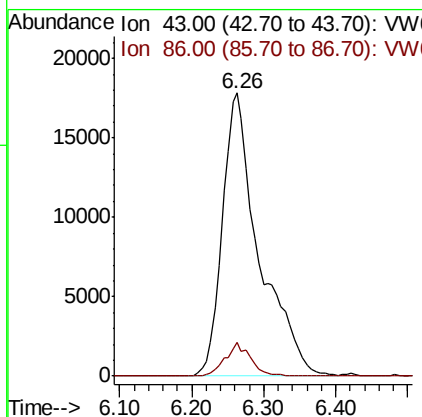
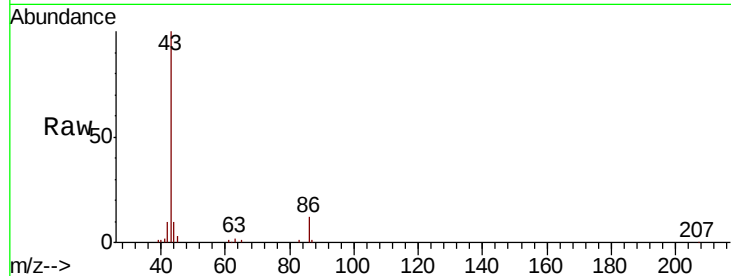
86 11.9 8.1 12.1

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#24

1,1-Dichloroethane

Concen: 5.199 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW005833.D

Acq: 04 Oct 2018 02:46

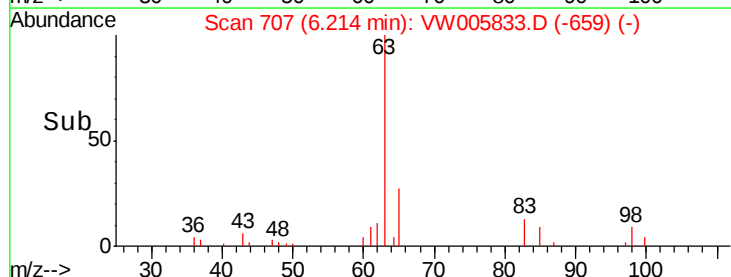
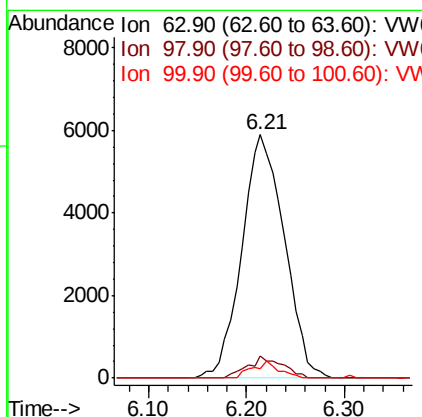
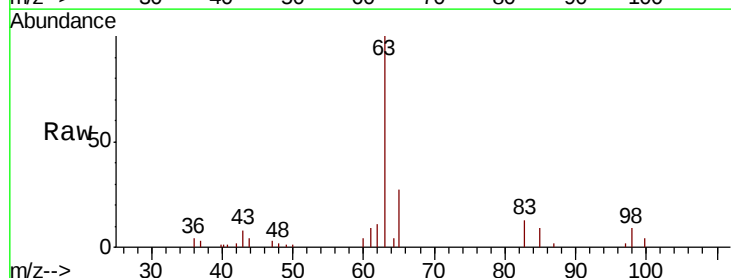
Tgt Ion: 63 Resp: 17748

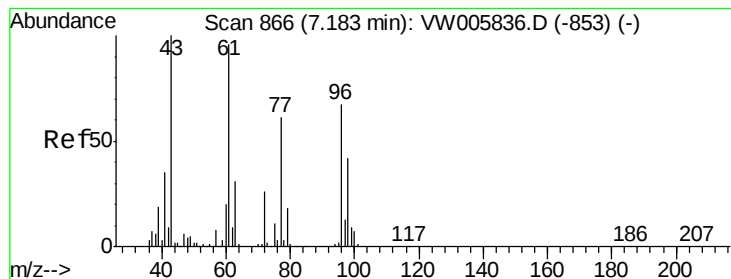
Ion Ratio Lower Upper

63 100

98 9.2 3.5 10.5

100 3.8 2.0 6.0





#25

2-Butanone

Concen: 24.228 ug/l

RT: 7.19 min Scan# 867

Delta R.T. 0.01 min

Lab File: VW005833.D

Acq: 04 Oct 2018 02:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 12516

Ion Ratio Lower Upper

43 100

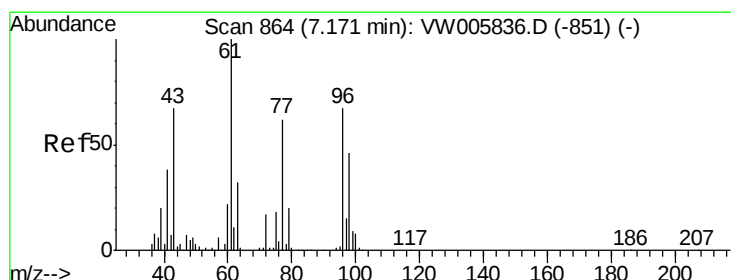
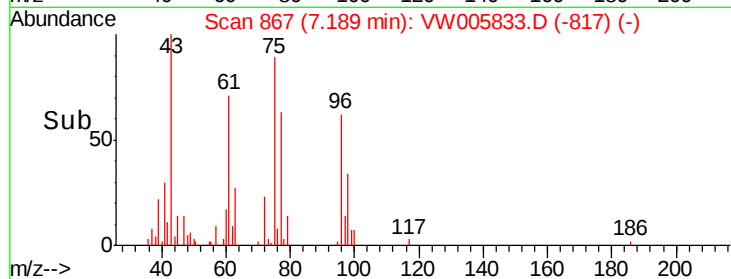
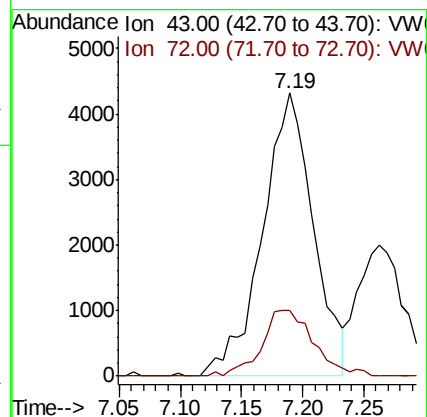
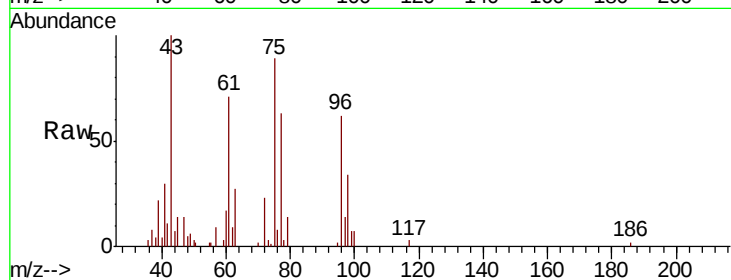
72 23.4 20.9 31.3

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 5.277 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW005833.D

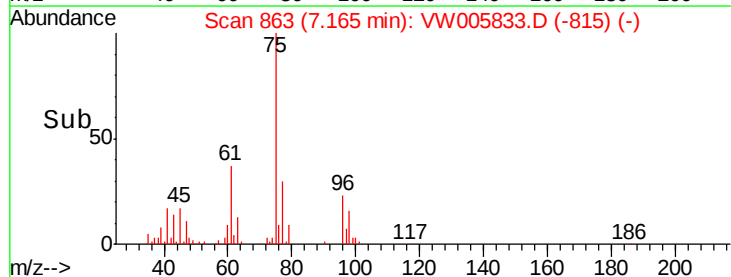
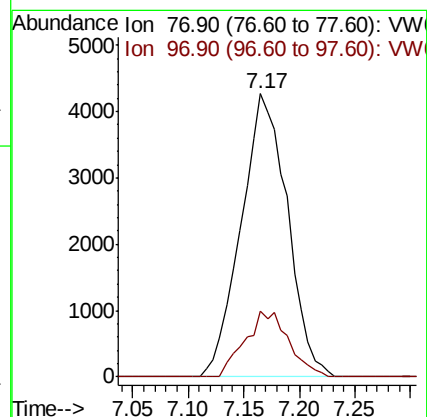
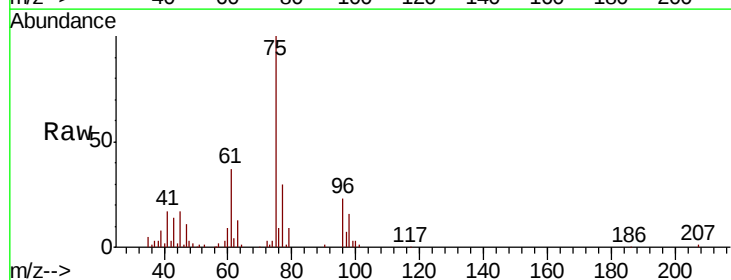
Acq: 04 Oct 2018 02:46

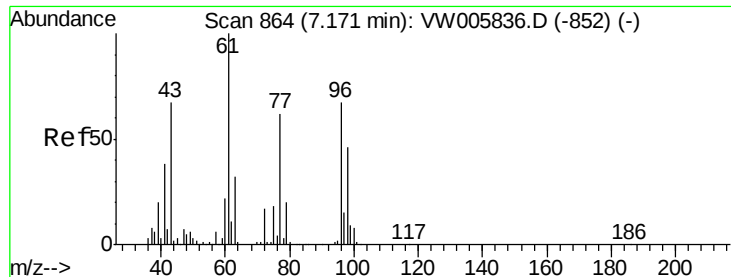
Tgt Ion: 77 Resp: 12333

Ion Ratio Lower Upper

77 100

97 21.8 11.7 35.0





#27

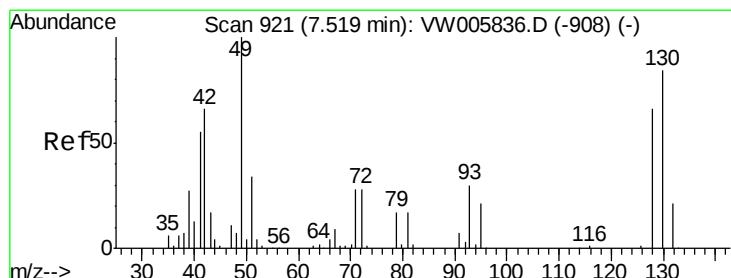
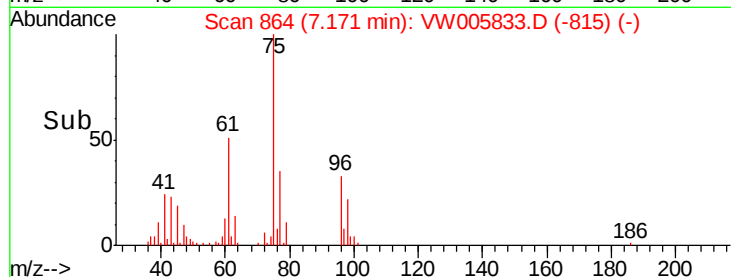
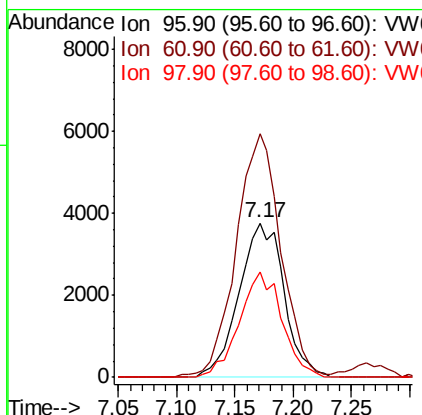
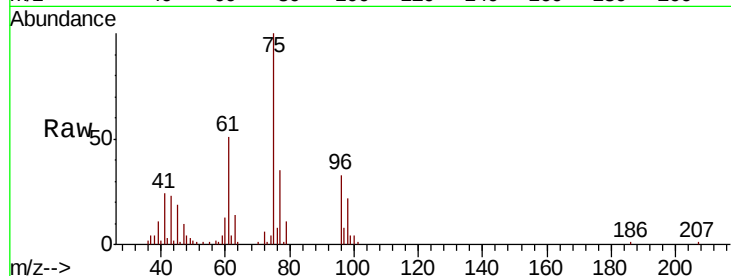
cis-1,2-Dichloroethene
 Concen: 5.113 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VW005833.D
 Acq: 04 Oct 2018 02:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
96	100		
61	157.0	0.0	296.4
98	64.8	0.0	131.4

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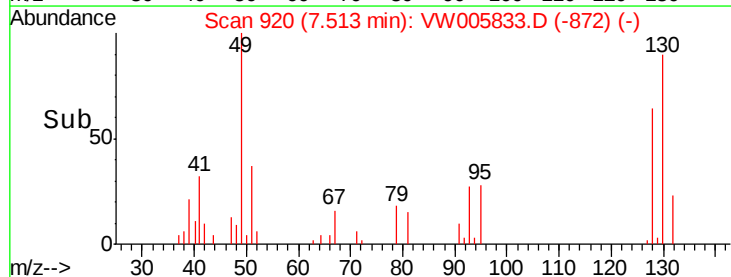
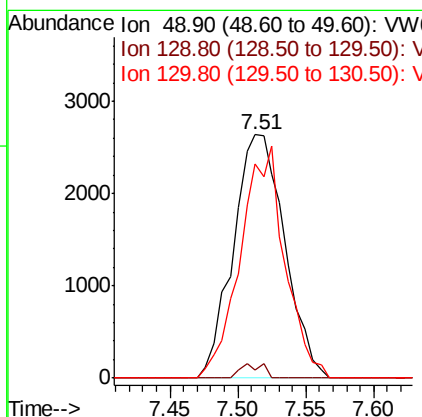
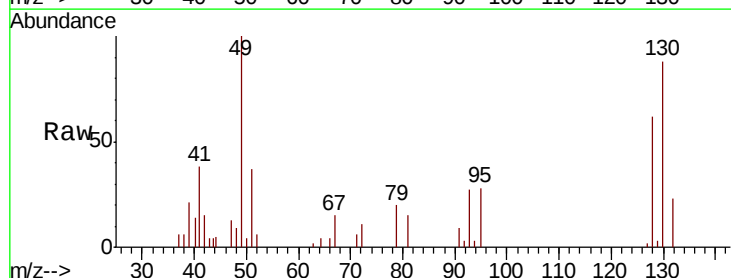
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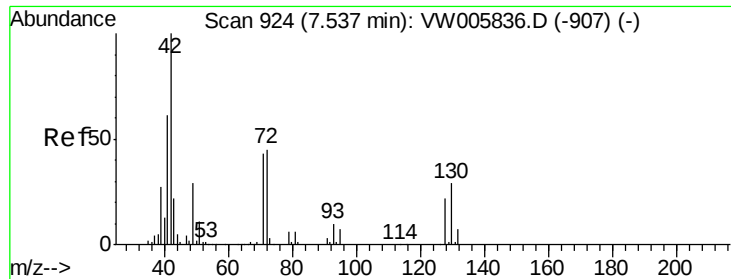


#28

Bromochloromethane
 Concen: 5.248 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VW005833.D
 Acq: 04 Oct 2018 02:46

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	2.2#
130	82.4	66.4	99.6





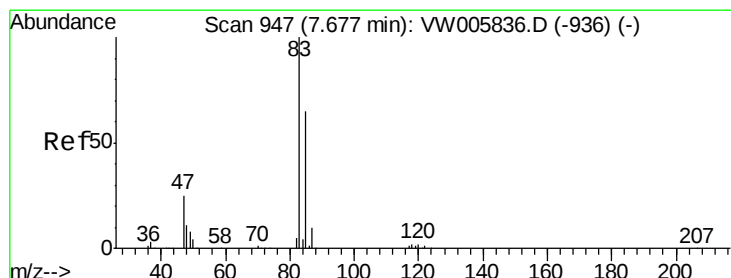
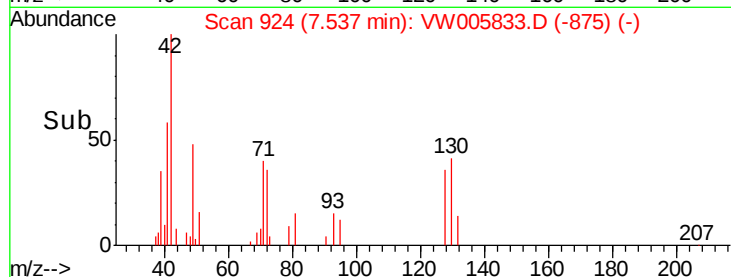
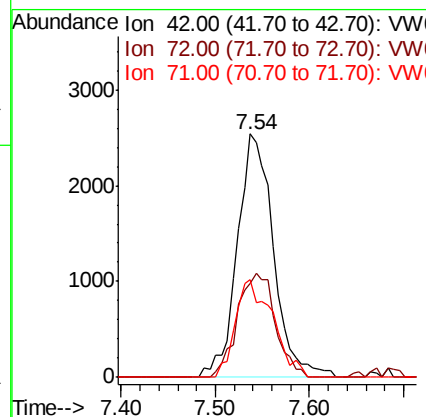
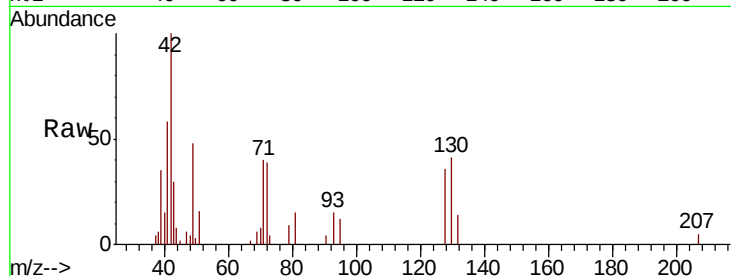
#29
Tetrahydrofuran
Concen: 21.101 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW005833.D
Acq: 04 Oct 2018 02:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.7	34.6	51.8
71	41.3	33.6	50.4

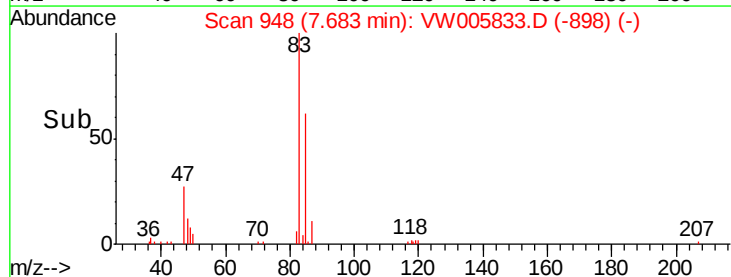
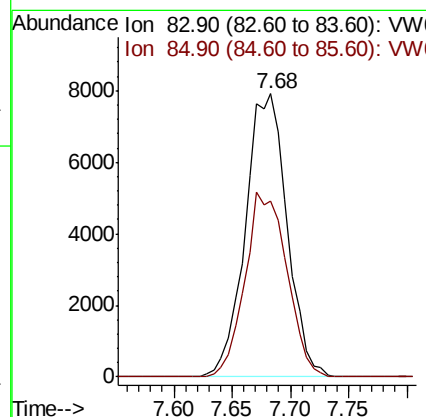
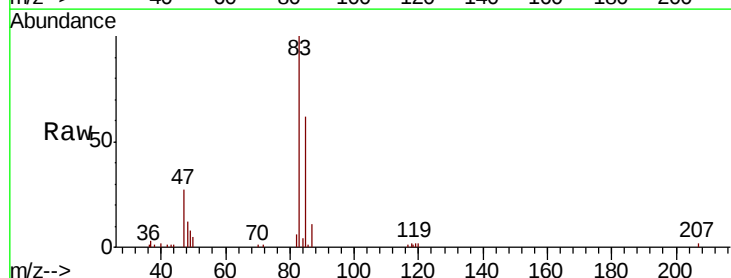
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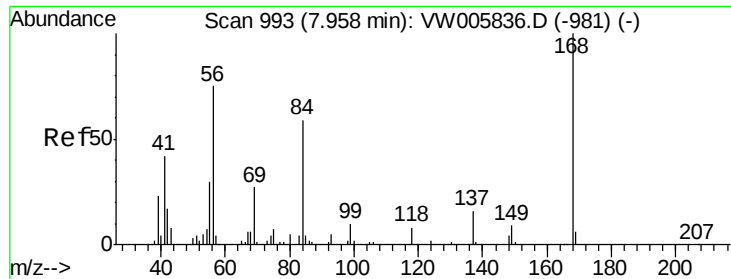
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#30
Chloroform
Concen: 5.550 ug/l
RT: 7.68 min Scan# 948
Delta R.T. 0.01 min
Lab File: VW005833.D
Acq: 04 Oct 2018 02:46

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.3	51.6	77.4





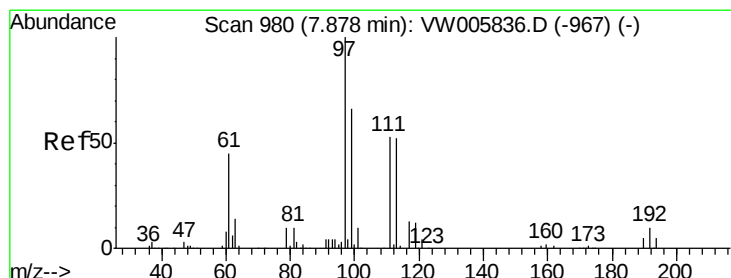
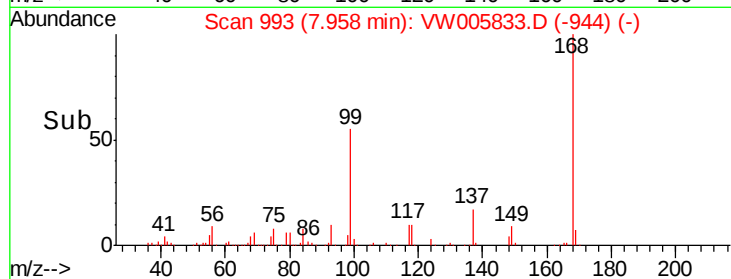
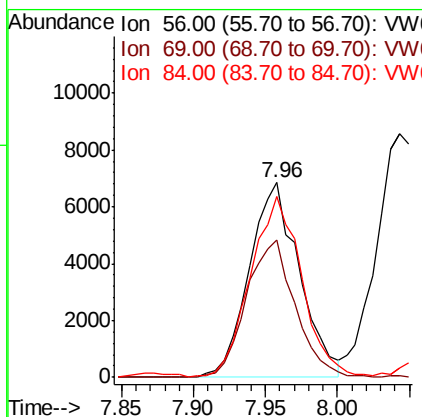
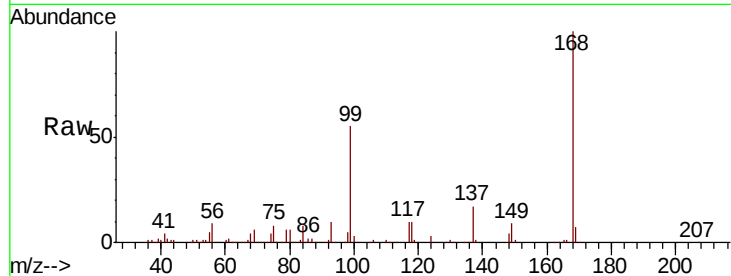
#31
Cyclohexane
Concen: 5.118 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW005833.D
Acq: 04 Oct 2018 02:46

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
56	100		
69	70.8	29.0	43.4#
84	93.0	63.5	95.3

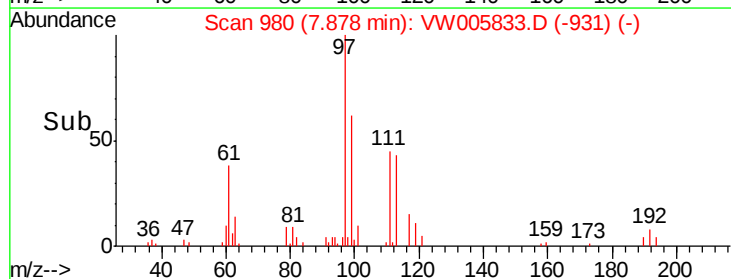
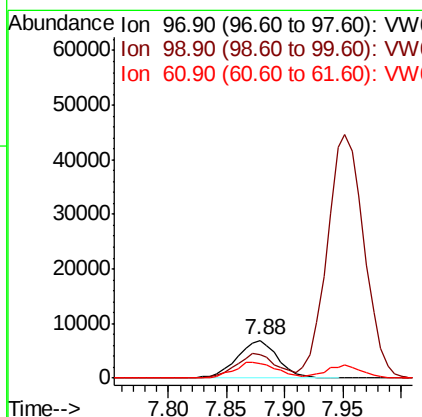
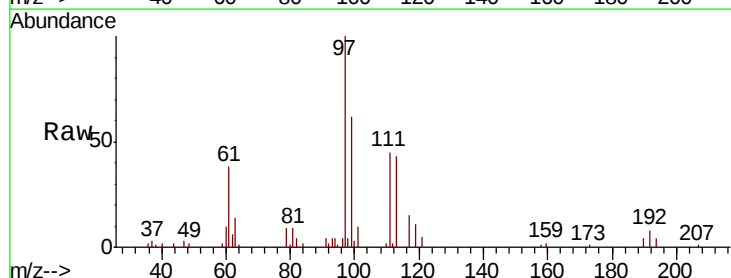
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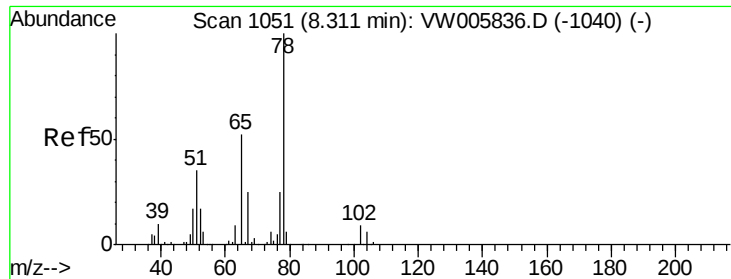
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#32
1,1,1-Trichloroethane
Concen: 5.380 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW005833.D
Acq: 04 Oct 2018 02:46

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.2	76.8
61	44.2	35.5	53.3





#33

1,2-Dichloroethane-d4

Concen: 5.514 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005833.D

Acq: 04 Oct 2018 02:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion: 65 Resp: 11611

Ion Ratio Lower Upper

65 100

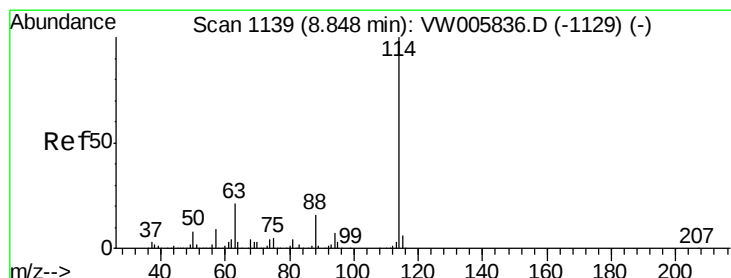
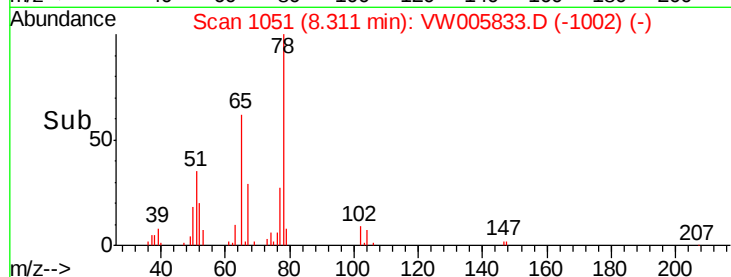
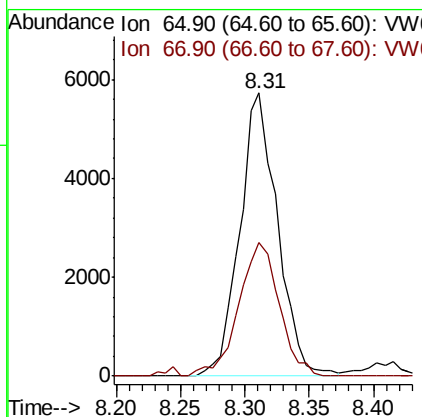
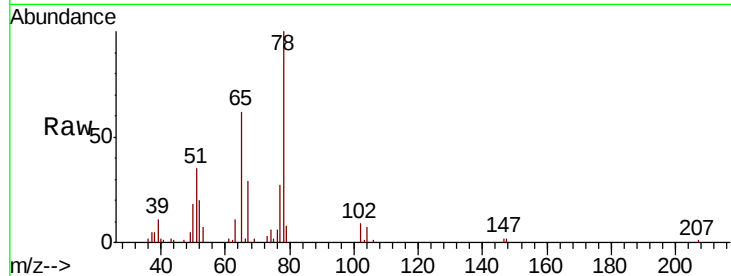
67 50.6 0.0 98.0

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW005833.D

Acq: 04 Oct 2018 02:46

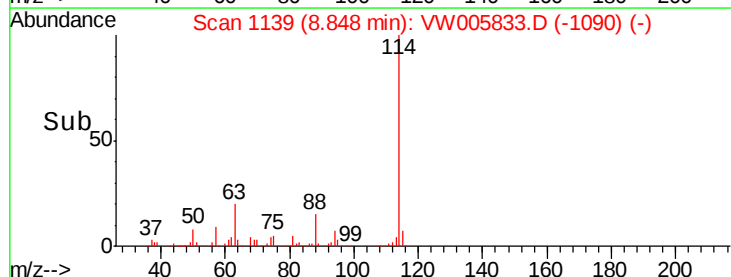
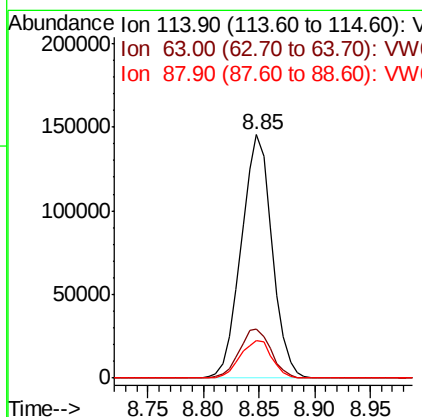
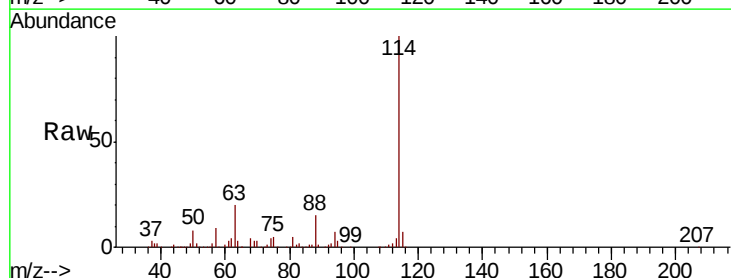
Tgt Ion: 114 Resp: 279237

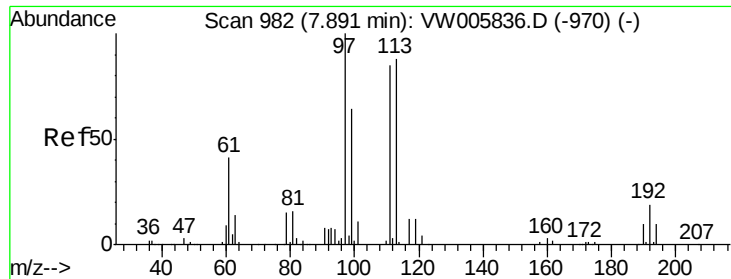
Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.0

88 15.4 0.0 31.2





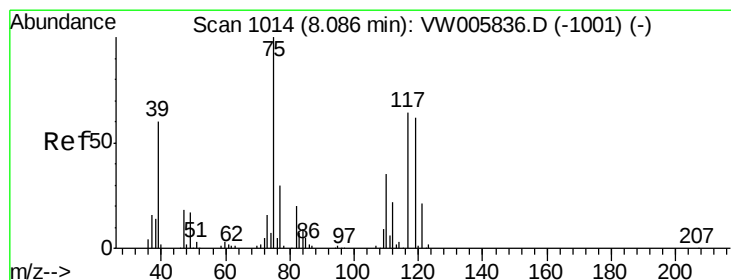
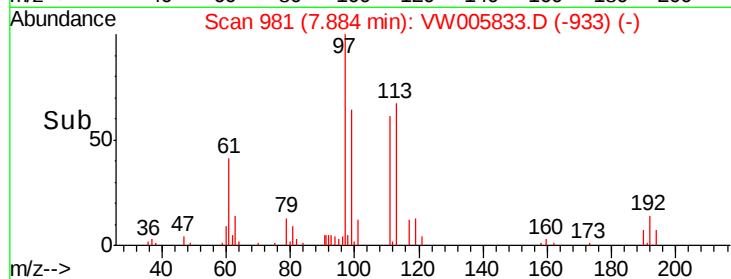
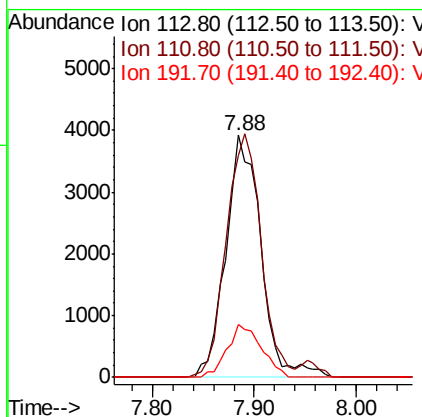
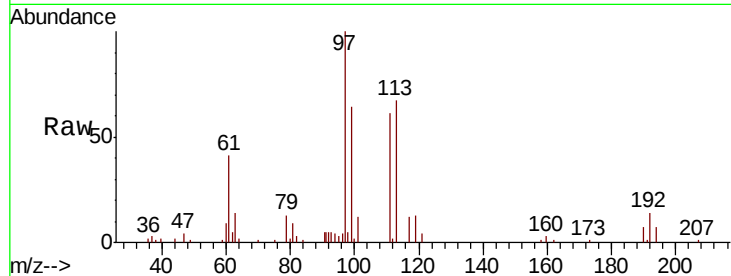
#35
 Dibromofluoromethane
 Concen: 5.278 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW005833.D
 Acq: 04 Oct 2018 02:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
113	100		
111	100.4	81.4	122.2
192	21.1	17.3	25.9

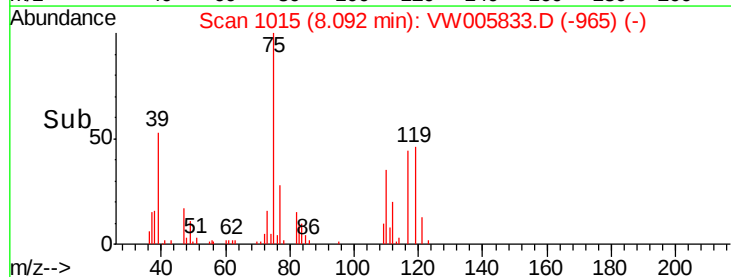
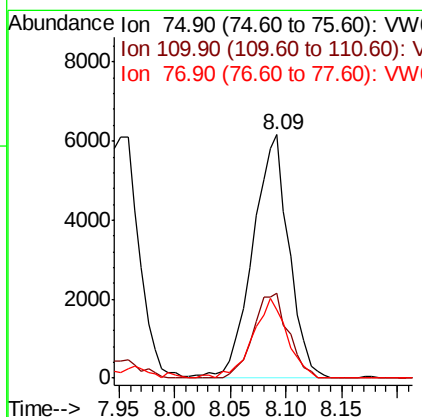
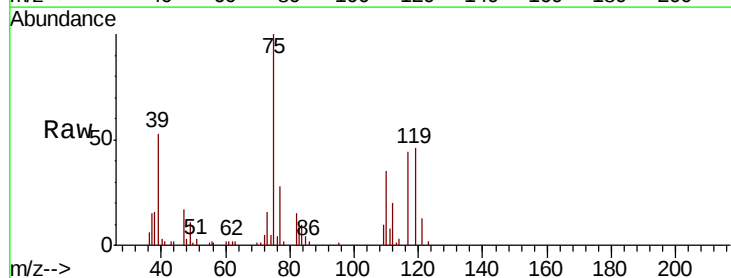
Manual Integrations
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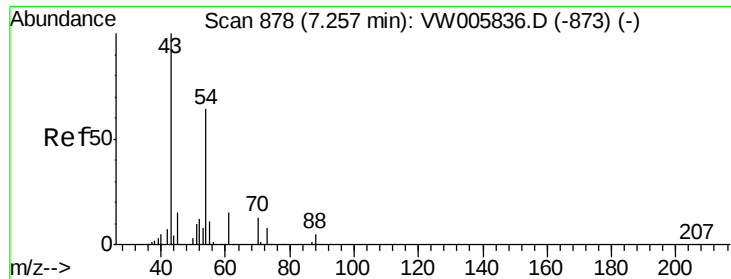
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#36
 1,1-Dichloropropene
 Concen: 4.929 ug/l
 RT: 8.09 min Scan# 1015
 Delta R.T. 0.01 min
 Lab File: VW005833.D
 Acq: 04 Oct 2018 02:46

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.0	17.5	52.6
77	31.4	24.8	37.2





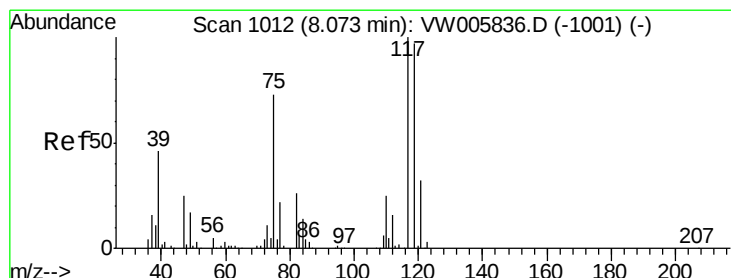
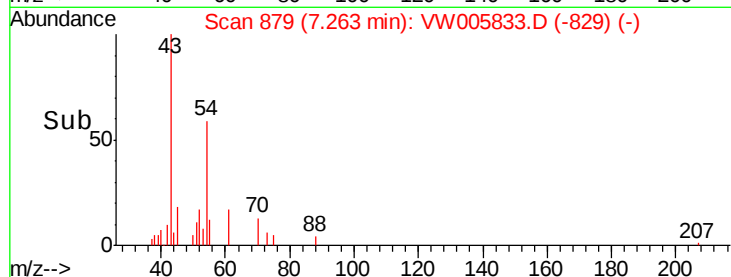
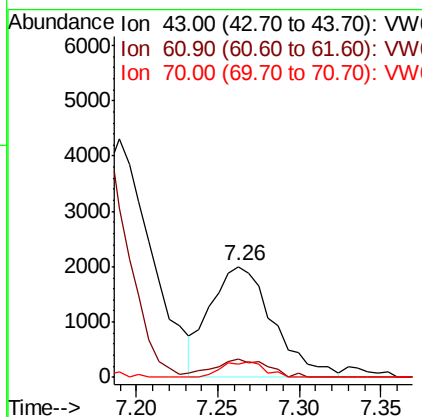
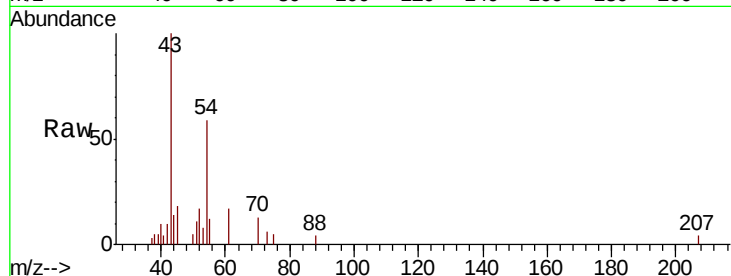
#37
Ethyl Acetate
Concen: 4.489 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: VW005833.D
Acq: 04 Oct 2018 02:46

Instrument :
MSVOA_W
ClientSampleID :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.2	16.8
70	9.6	8.6	13.0

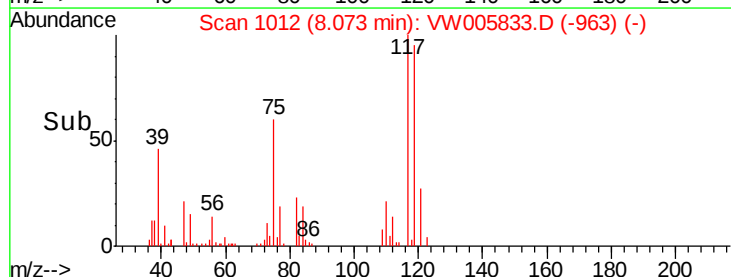
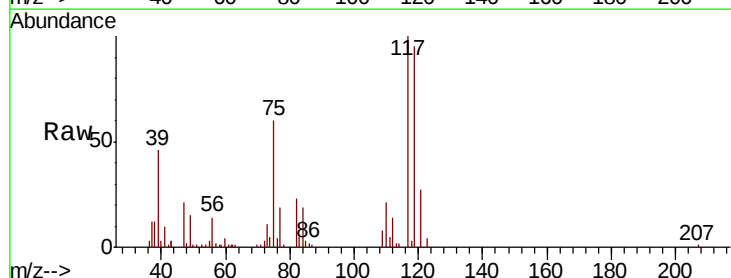
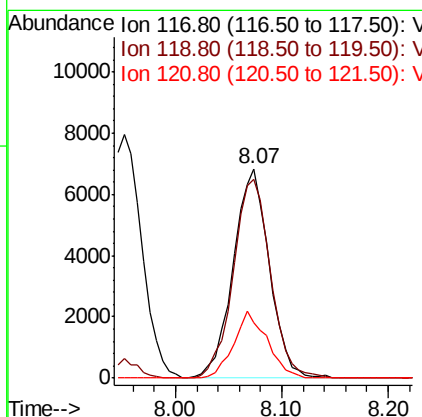
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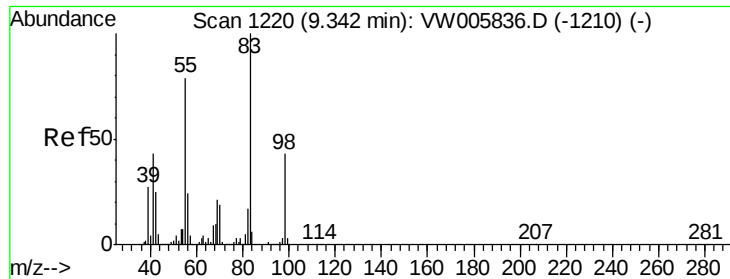
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#38
Carbon Tetrachloride
Concen: 5.352 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW005833.D
Acq: 04 Oct 2018 02:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	77.9	116.9
121	26.7	25.2	37.8





#39

Methvlcvclohexane

Concen: 4.512 ug/l

RT: 9.34 min Scan# 1220

Delta R.T. -0.00 min

Lab File: VW005833.D

Acq: 04 Oct 2018 02:46

Instrument :

MSVOA_W

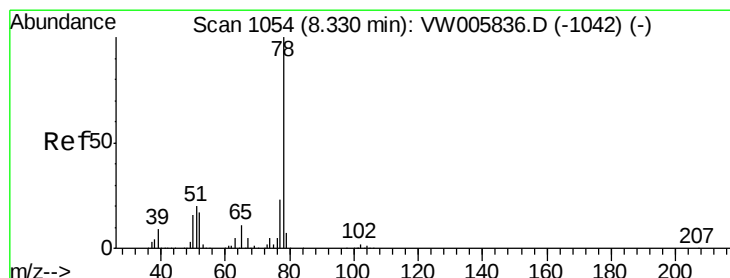
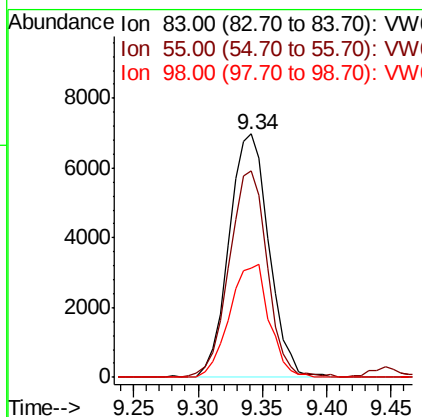
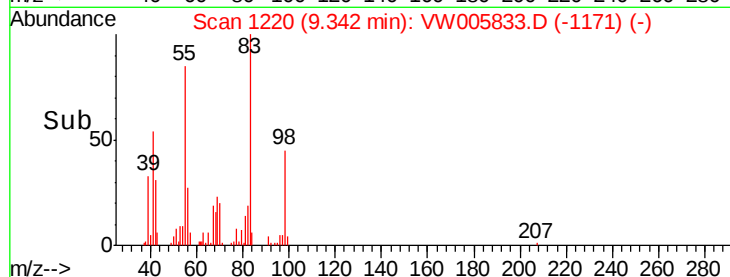
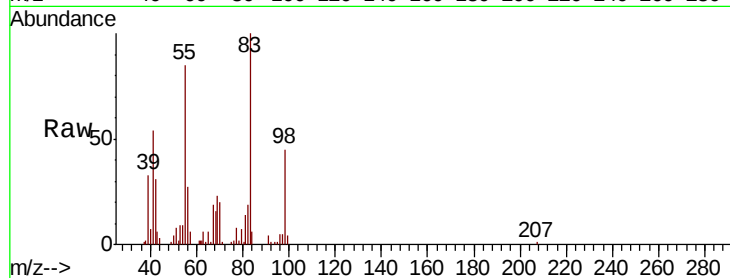
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	15016
Ion Ratio	Lower	Upper	
83	100		
55	84.6	63.0	94.4
98	45.0	34.5	51.7

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#40

Benzene

Concen: 5.138 ug/l

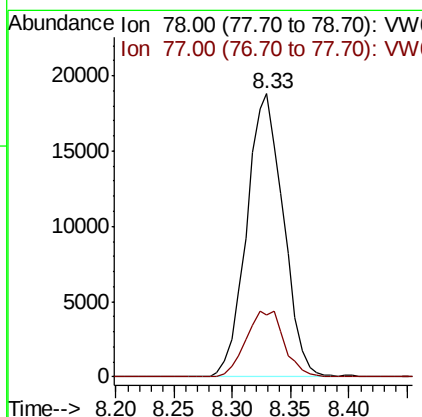
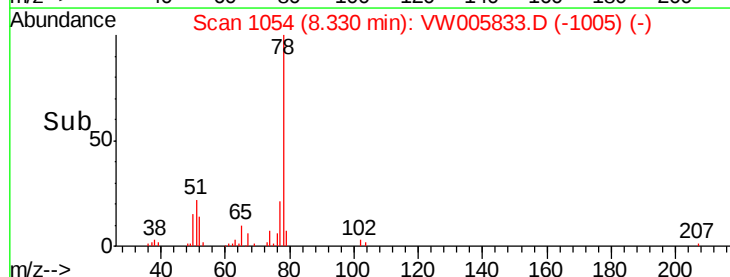
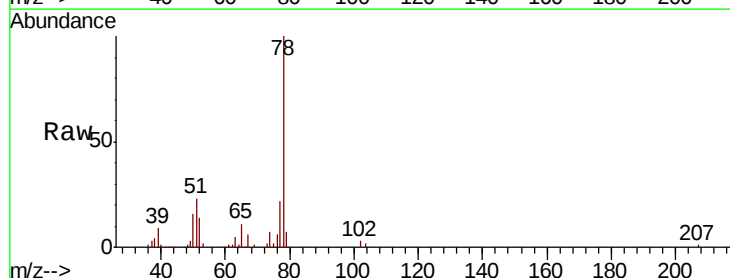
RT: 8.33 min Scan# 1054

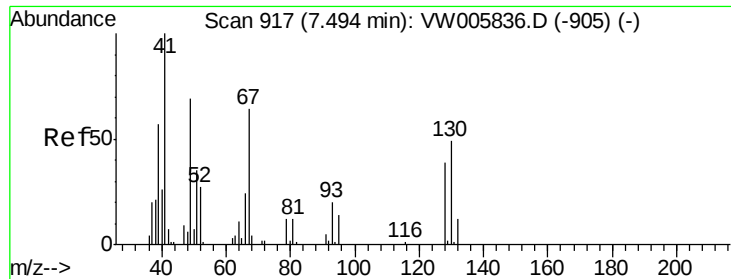
Delta R.T. -0.00 min

Lab File: VW005833.D

Acq: 04 Oct 2018 02:46

Tgt Ion:	78	Resp:	41349
Ion Ratio	Lower	Upper	
78	100		
77	21.8	18.6	28.0





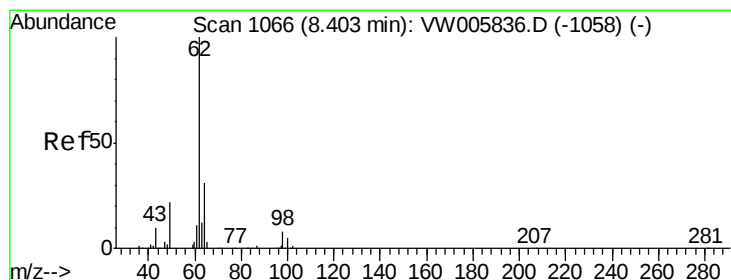
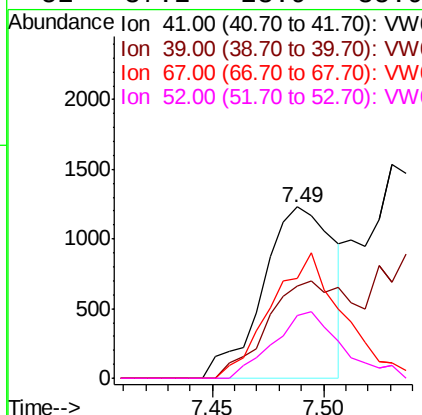
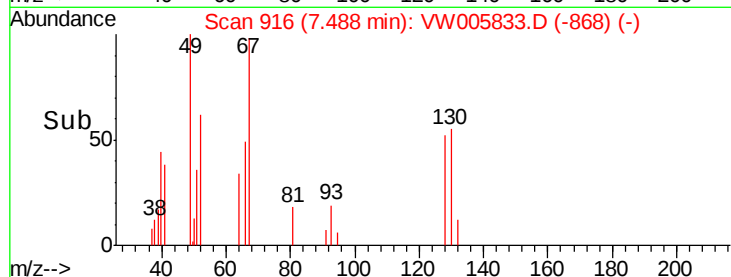
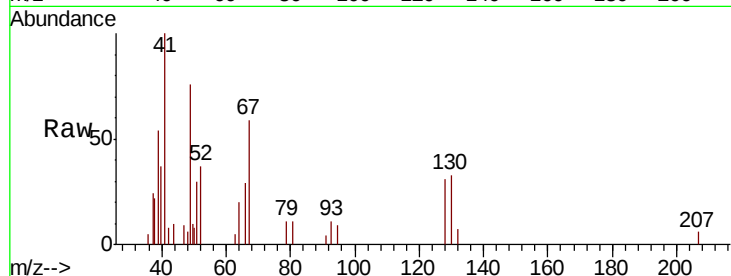
#41
Methacrylonitrile
Concen: 3.927 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.01 min
Lab File: VW005833.D
Acq: 04 Oct 2018 02:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion:	41	Resp:	2725
Ion	Ratio	Lower	Upper
41	100		
39	69.6	45.6	68.4#
67	73.7	53.6	80.4
52	37.2	23.9	35.9#

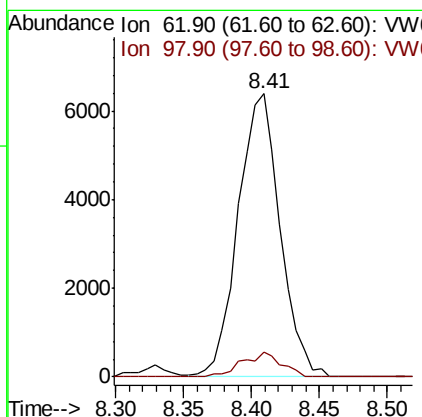
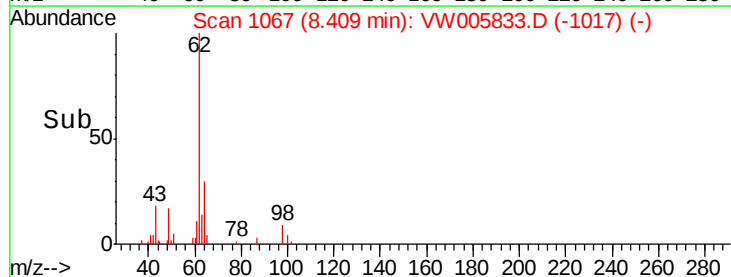
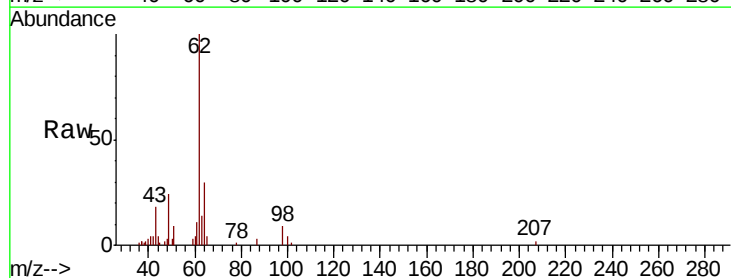
Manual Integrations
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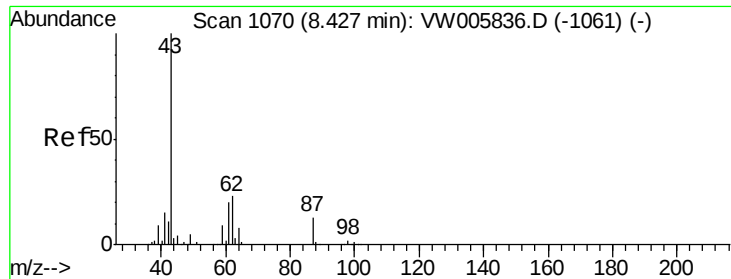
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#42
1,2-Dichloroethane
Concen: 5.286 ug/l
RT: 8.41 min Scan# 1067
Delta R.T. 0.01 min
Lab File: VW005833.D
Acq: 04 Oct 2018 02:46

Tgt Ion:	62	Resp:	13783
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	16.2





#43

Isopropyl Acetate

Concen: 4.349 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. 0.01 min

Lab File: VW005833.D

Acq: 04 Oct 2018 02:46

Instrument :

MSVOA_W

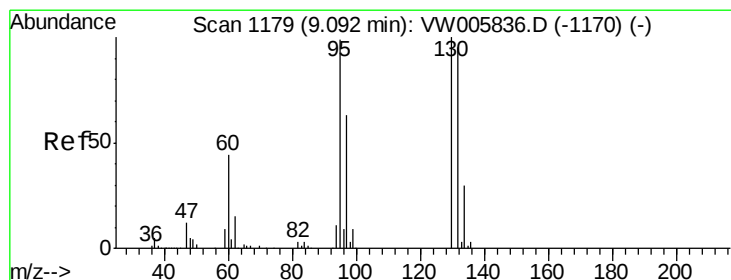
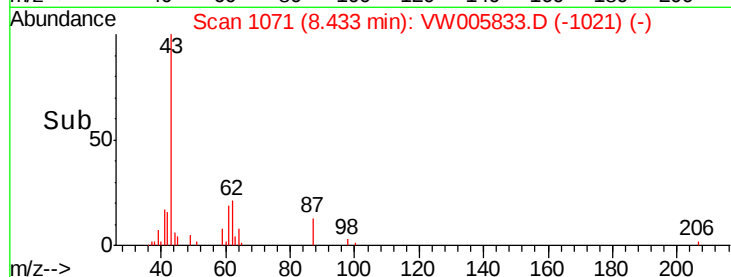
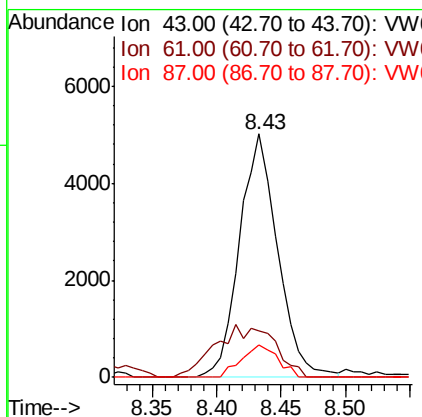
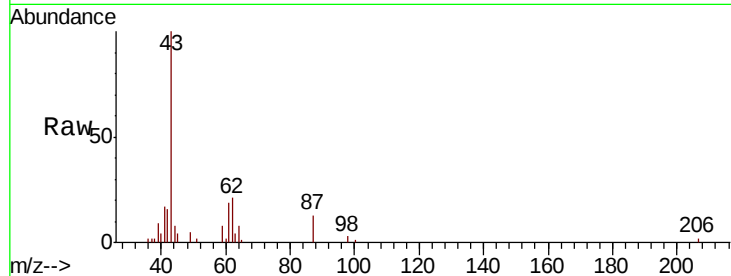
ClientSampleId :

VSTDIC005

Tot Ion:	43	Resp:	10313
Ion Ratio	Lower	Upper	
43	100		
61	17.7	24.1	36.1#
87	12.5	10.6	16.0

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#44

Trichloroethene

Concen: 5.515 ug/l

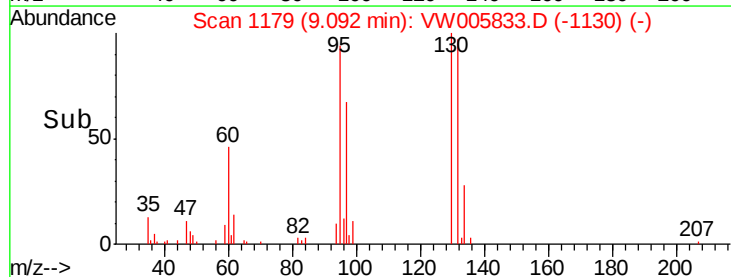
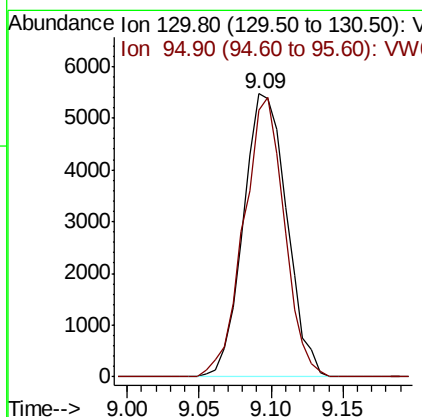
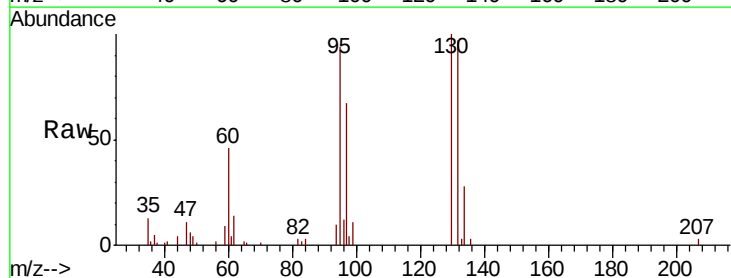
RT: 9.09 min Scan# 1179

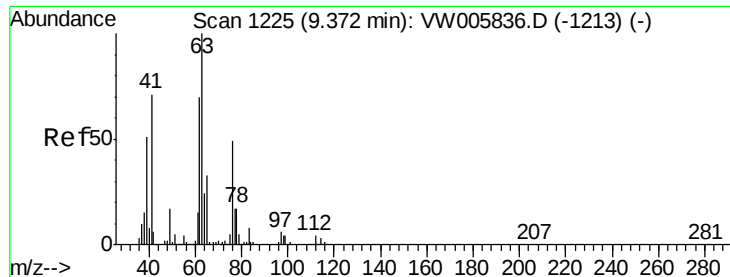
Delta R.T. -0.00 min

Lab File: VW005833.D

Acq: 04 Oct 2018 02:46

Tgt Ion:	130	Resp:	11398
Ion Ratio	Lower	Upper	
130	100		
95	94.4	0.0	197.6





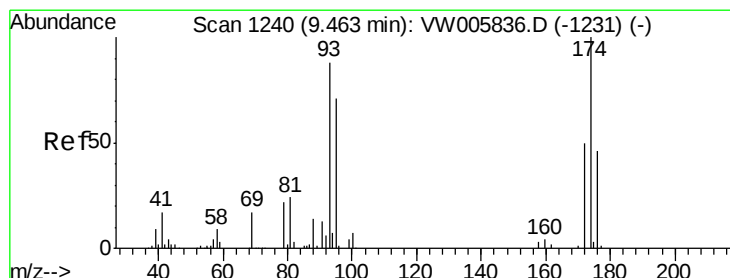
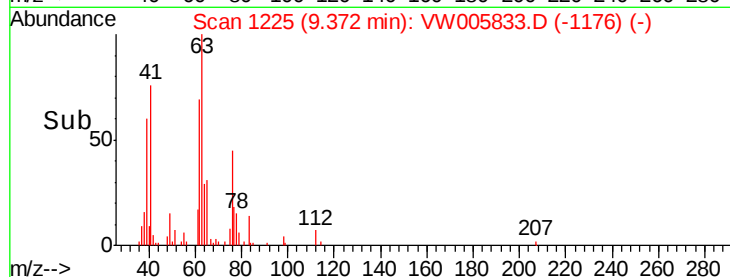
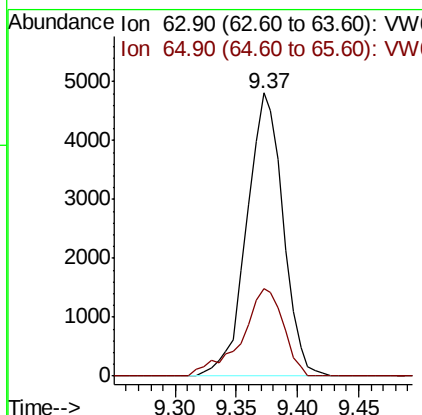
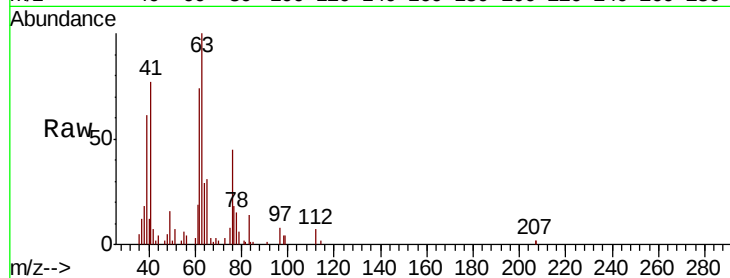
#45
 1,2-Dichloropropane
 Concen: 5.086 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW005833.D
 Acq: 04 Oct 2018 02:46

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC005

Tot Ion: 63 Resp: 9971
 Ion Ratio Lower Upper
 63 100
 65 31.0 26.1 39.1

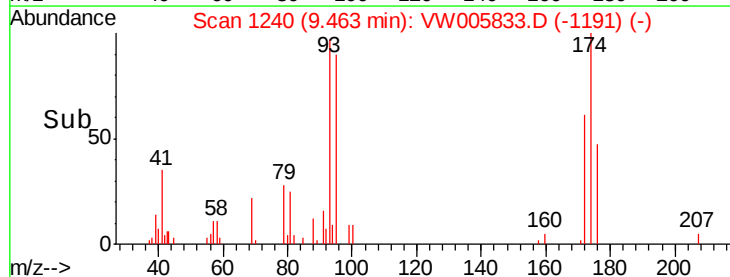
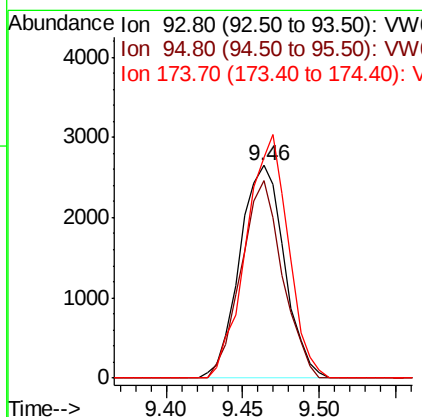
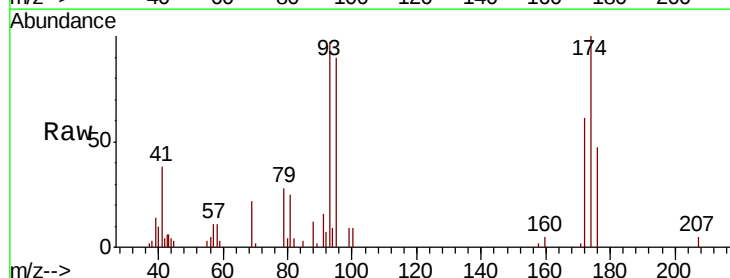
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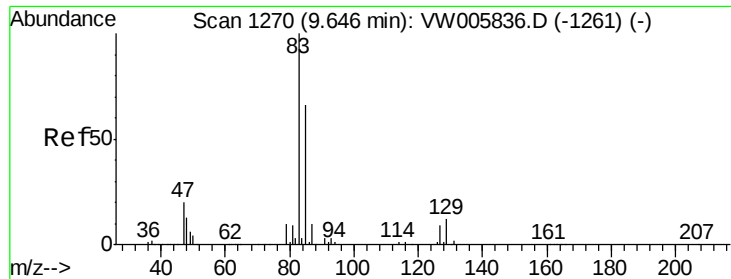
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#46
 Dibromomethane
 Concen: 5.381 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW005833.D
 Acq: 04 Oct 2018 02:46

Tgt Ion: 93 Resp: 5380
 Ion Ratio Lower Upper
 93 100
 95 85.6 65.9 98.9
 174 107.9 88.4 132.6





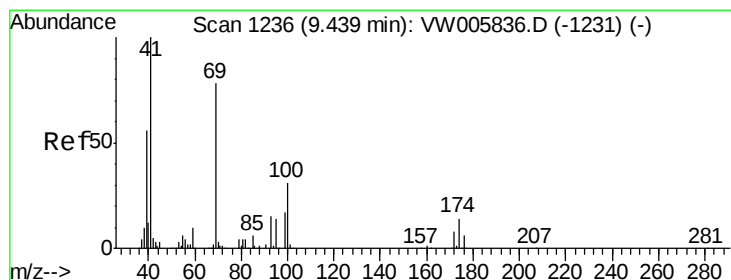
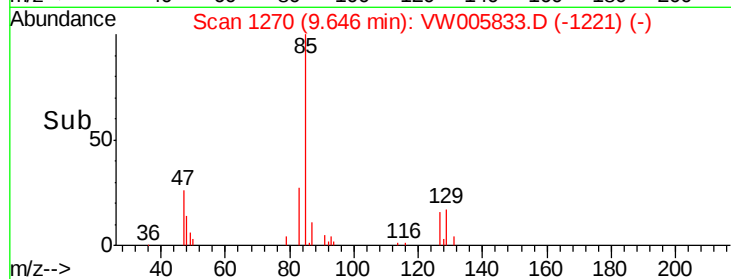
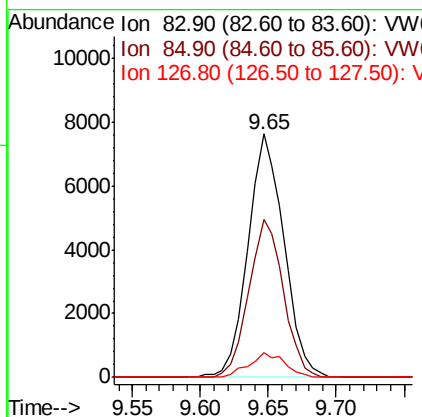
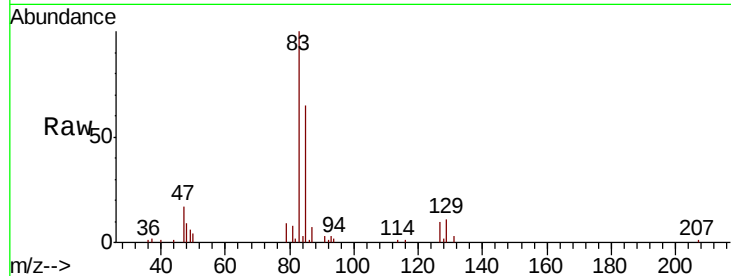
#47
Bromodichloromethane
Concen: 5.301 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VW005833.D
Acq: 04 Oct 2018 02:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	83	Resp	14123
Ion Ratio	100	Lower	Upper
83	100		
85	64.9	52.6	78.8
127	10.2	7.4	11.0

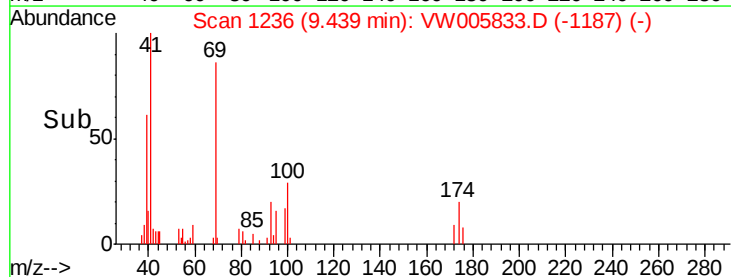
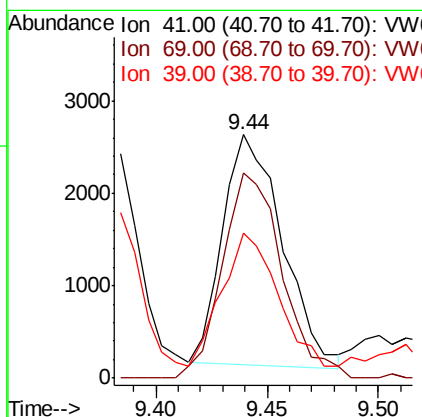
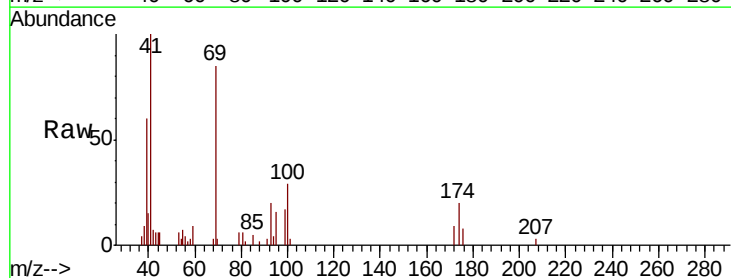
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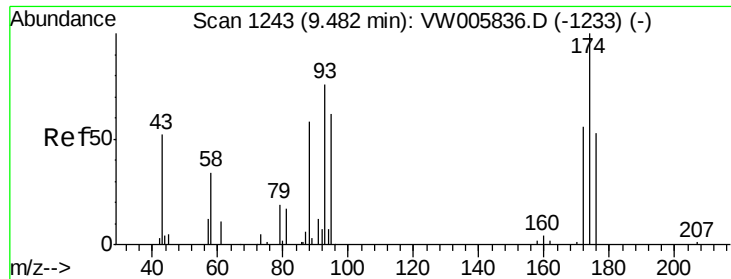
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#48
Methyl methacrylate
Concen: 4.129 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW005833.D
Acq: 04 Oct 2018 02:46

Tgt Ion	41	Resp	4657
Ion Ratio	100	Lower	Upper
41	100		
69	88.8	66.4	99.6
39	64.7	50.1	75.1





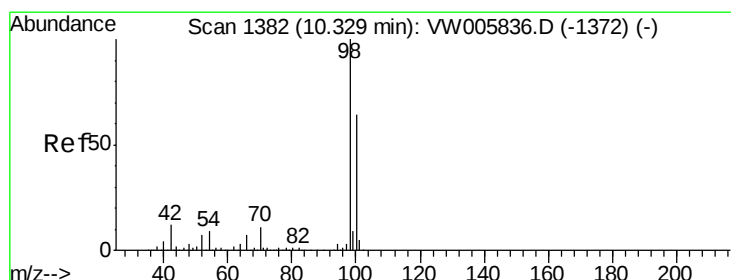
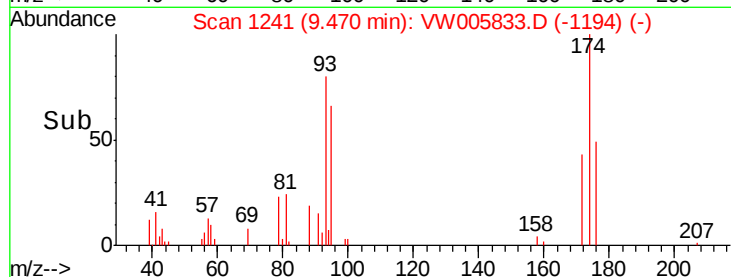
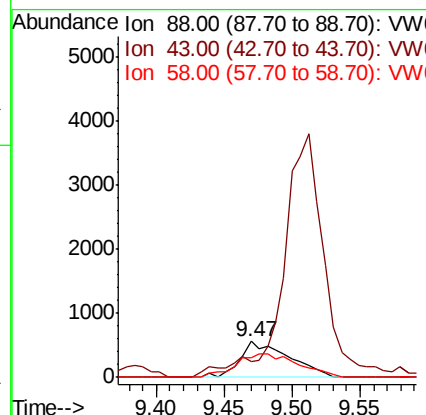
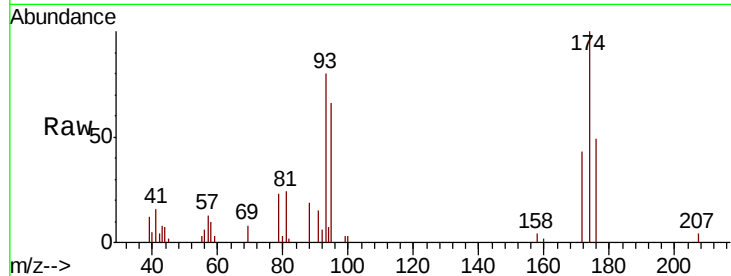
#49
1,4-Dioxane
Concen: 87.859 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VW005833.D
Acq: 04 Oct 2018 02:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	88	Resp	1402
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	83.8	58.1	87.1

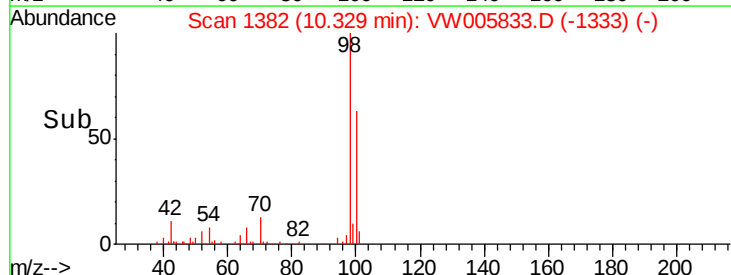
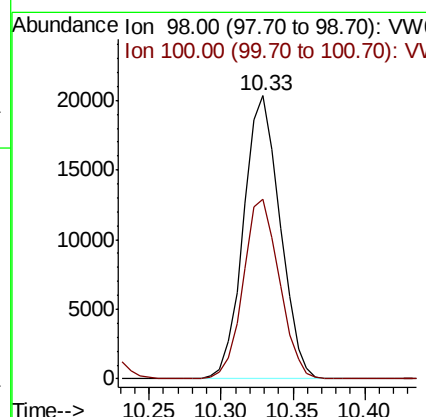
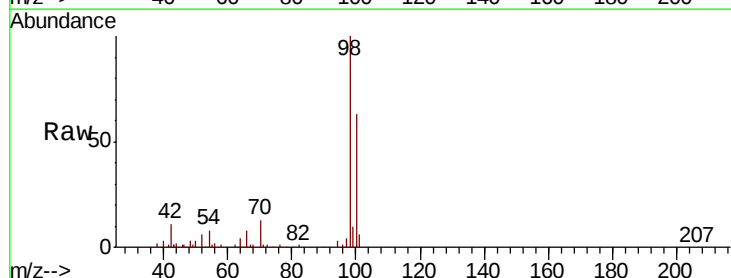
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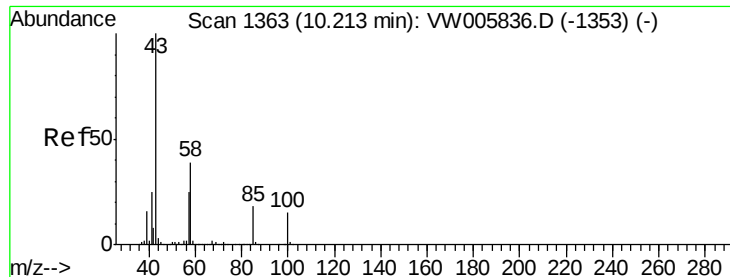
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#50
Toluene-d8
Concen: 4.985 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005833.D
Acq: 04 Oct 2018 02:46

Tgt Ion	98	Resp	35700
Ion	Ratio	Lower	Upper
98	100		
100	62.6	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 21.412 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW005833.D

Acq: 04 Oct 2018 02:46

Instrument :

MSVOA_W

ClientSampled :

VSTDIC005

Tot Ion: 43 Resp: 25661

Ion Ratio Lower Upper

43 100

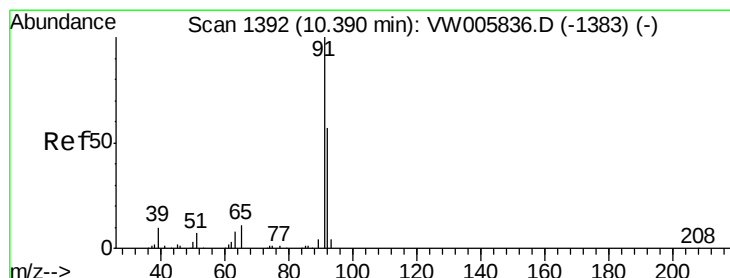
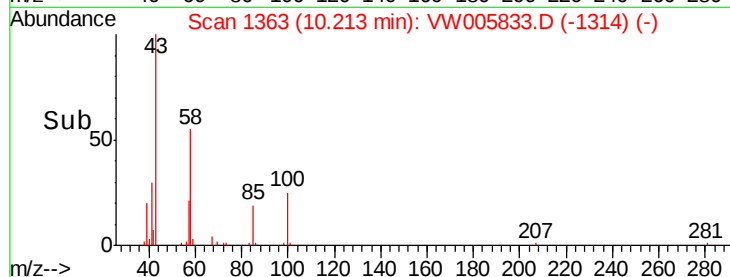
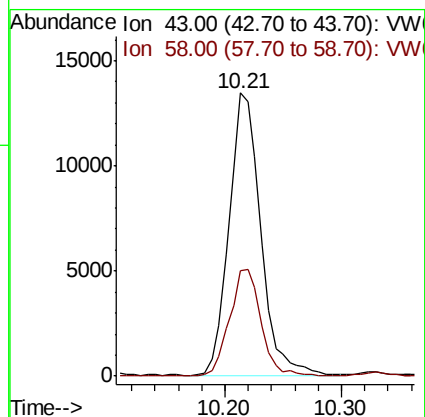
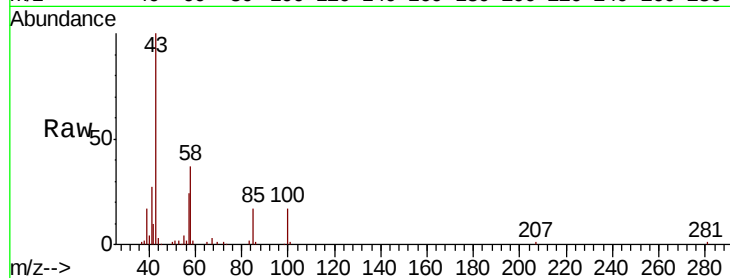
58 37.0 30.6 45.8

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#52

Toluene

Concen: 4.961 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW005833.D

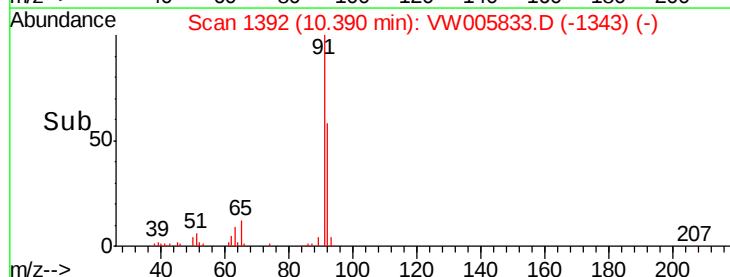
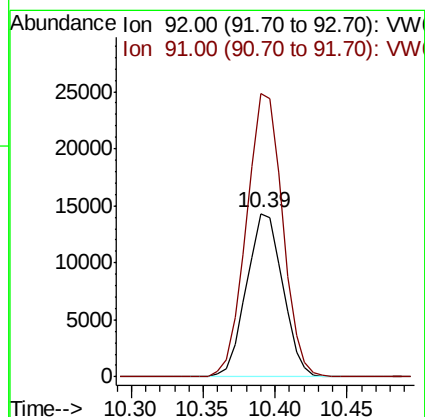
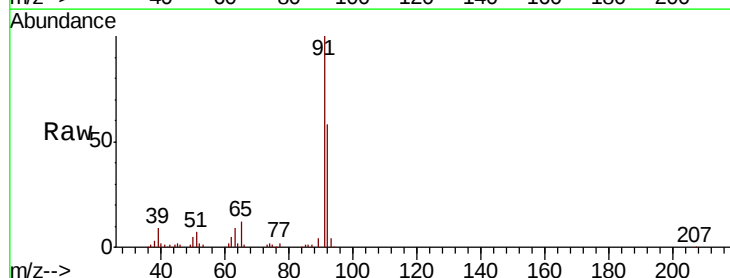
Acq: 04 Oct 2018 02:46

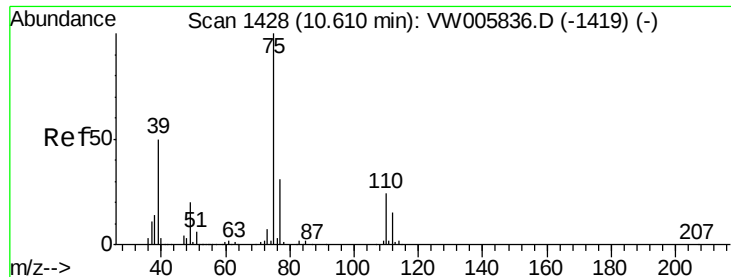
Tgt Ion: 92 Resp: 24967

Ion Ratio Lower Upper

92 100

91 172.7 139.0 208.4





#53

t-1,3-Dichloropropene

Concen: 4.768 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW005833.D

Acq: 04 Oct 2018 02:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion: 75 Resp: 12723

Ion Ratio Lower Upper

75 100

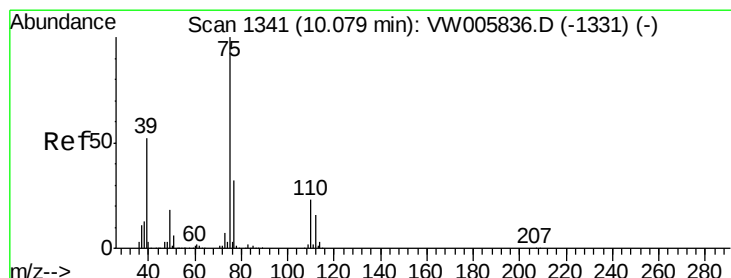
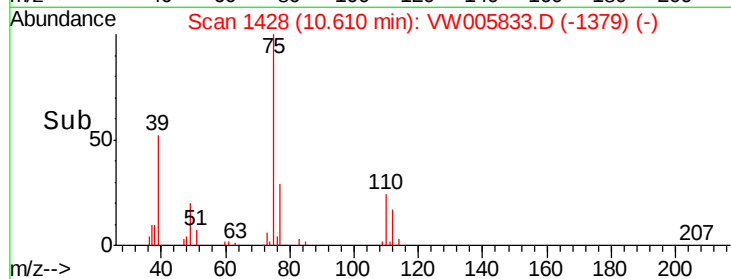
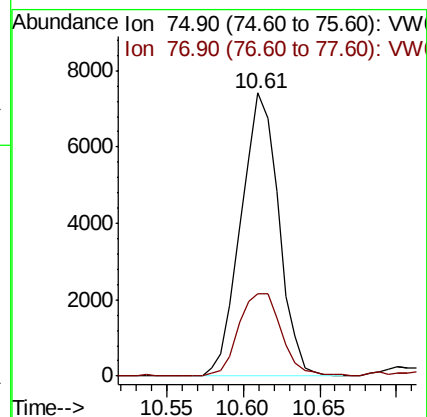
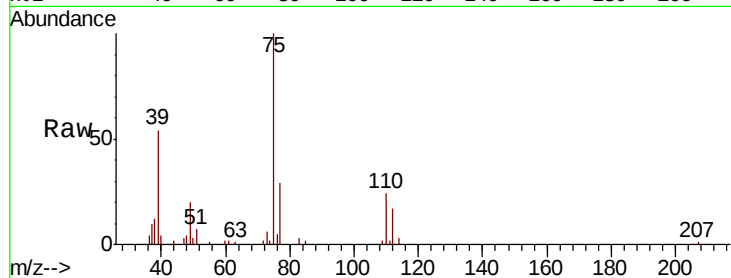
77 29.2 25.0 37.4

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#54

cis-1,3-Dichloropropene

Concen: 4.724 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VW005833.D

Acq: 04 Oct 2018 02:46

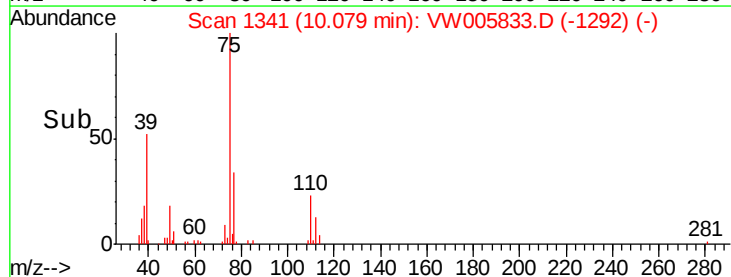
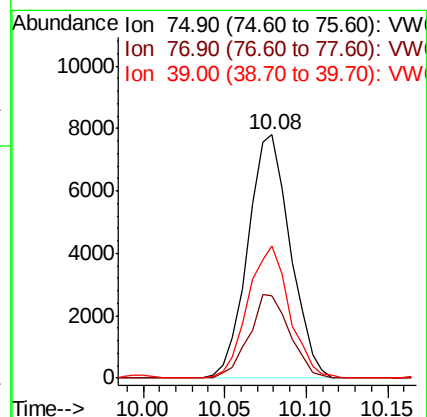
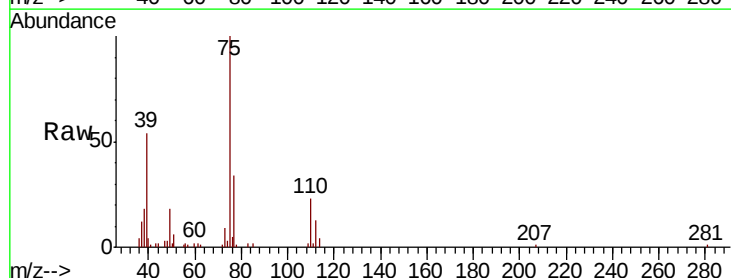
Tgt Ion: 75 Resp: 14106

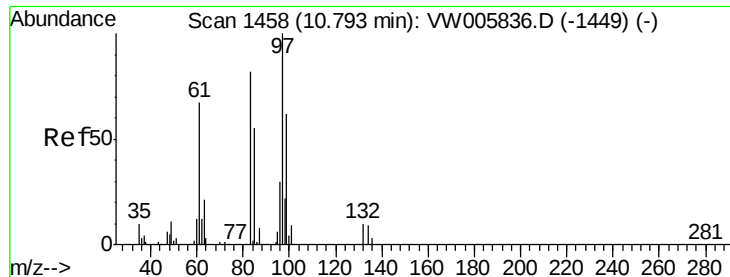
Ion Ratio Lower Upper

75 100

77 33.8 25.4 38.2

39 54.1 41.9 62.9





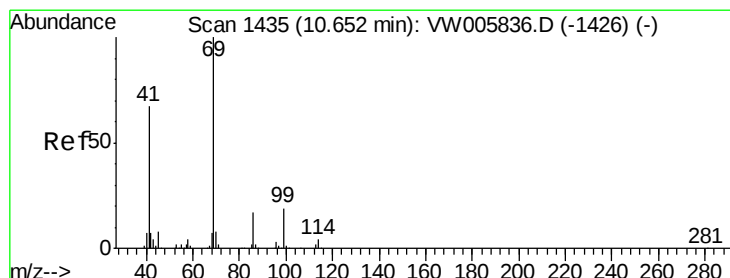
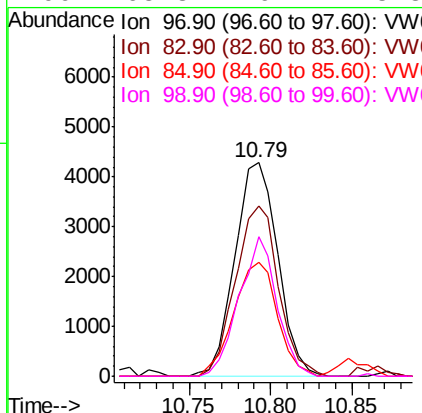
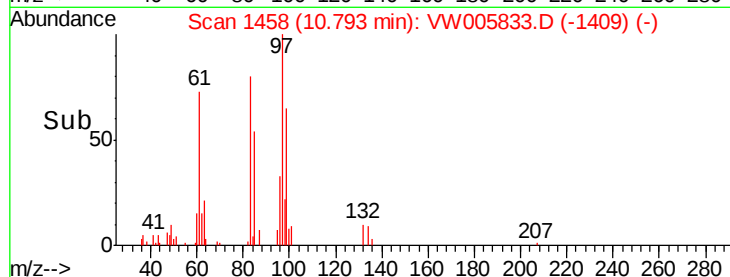
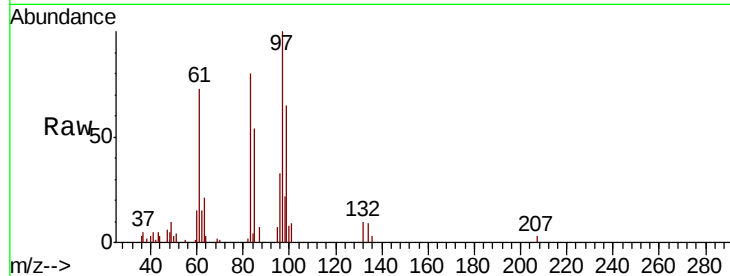
#55
 1,1,2-Trichloroethane
 Concen: 5.504 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005833.D
 Acq: 04 Oct 2018 02:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tot Ion:	97	Resp:	7830
Ion	Ratio	Lower	Upper
97	100		
83	80.0	65.9	98.9
85	53.6	44.2	66.2
99	65.3	49.2	73.8

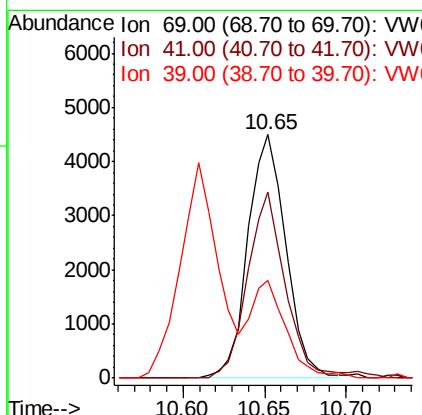
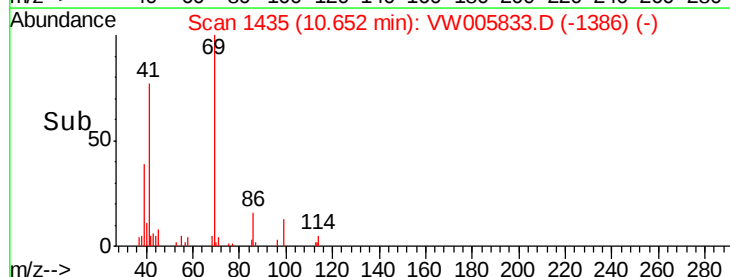
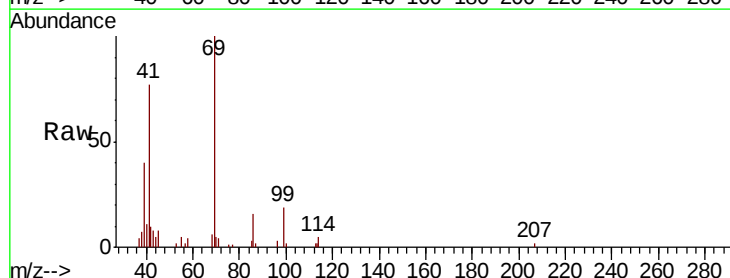
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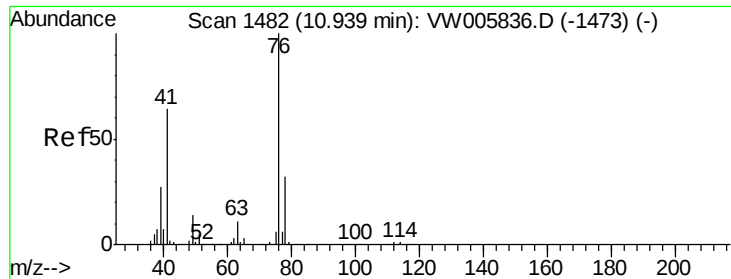
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#56
 Ethyl methacrylate
 Concen: 4.155 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW005833.D
 Acq: 04 Oct 2018 02:46

Tgt Ion:	69	Resp:	7291
Ion	Ratio	Lower	Upper
69	100		
41	77.3	55.8	83.6
39	38.0	29.3	43.9





#57

1,3-Dichloropropane

Concen: 4.927 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.01 min

Lab File: VW005833.D

Acq: 04 Oct 2018 02:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion: 76 Resp: 12358

Ion Ratio Lower Upper

76 100

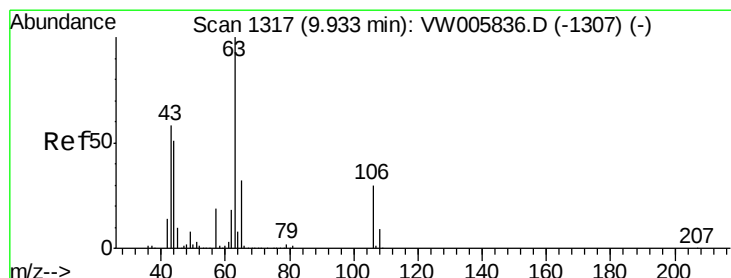
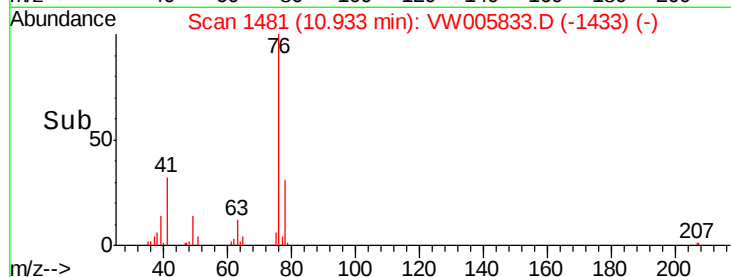
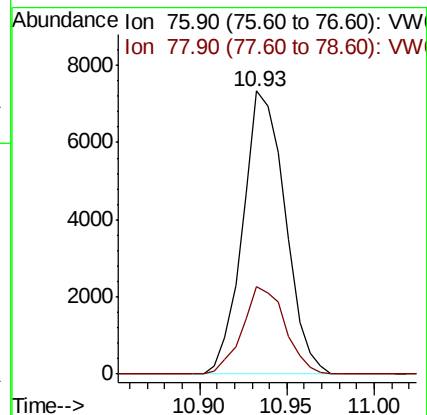
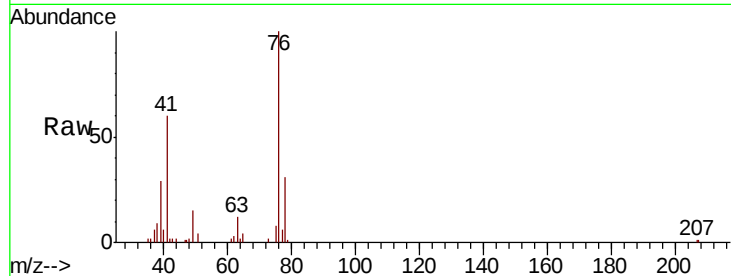
78 31.2 25.4 38.0

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#58

2-Chloroethyl Vinyl ether

Concen: 21.011 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VW005833.D

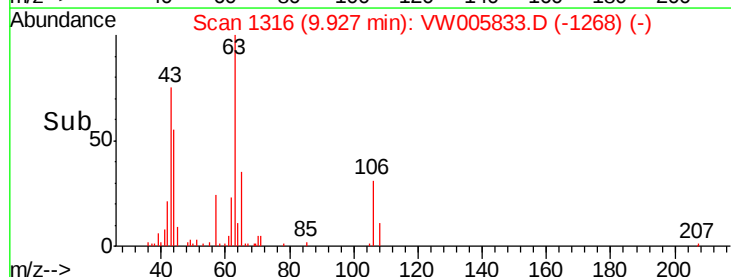
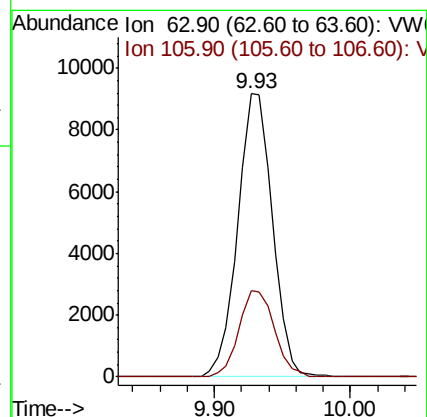
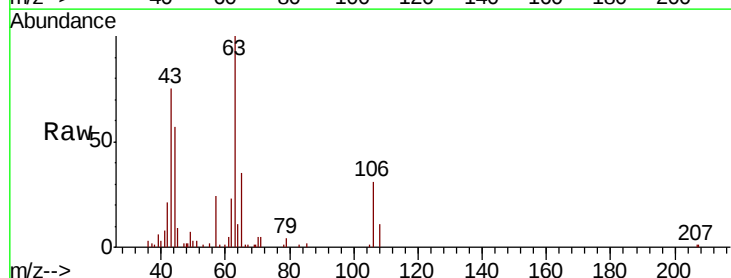
Acq: 04 Oct 2018 02:46

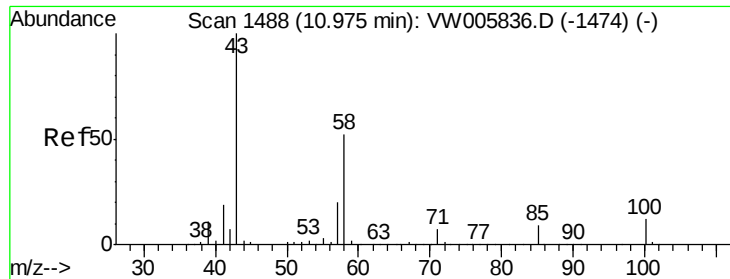
Tgt Ion: 63 Resp: 16384

Ion Ratio Lower Upper

63 100

106 31.0 23.7 35.5





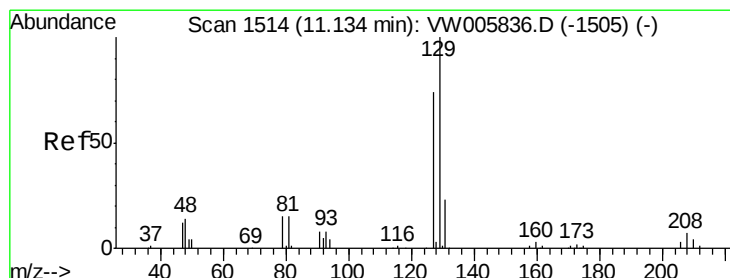
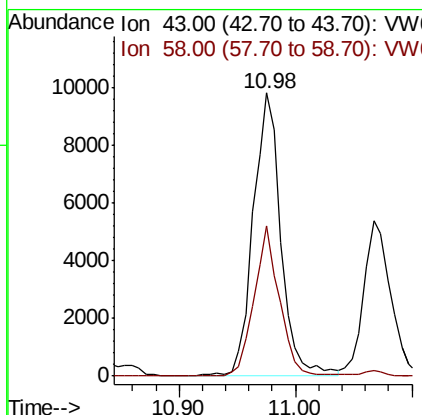
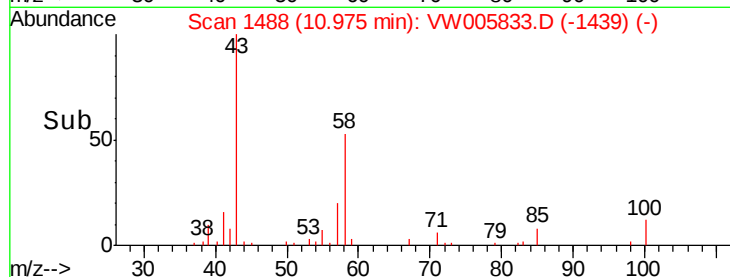
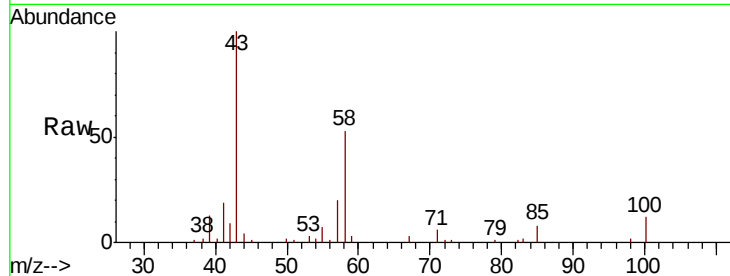
#59
2-Hexanone
Concen: 20.106 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005833.D
Acq: 04 Oct 2018 02:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion: 43 Resp: 16330
Ion Ratio Lower Upper
43 100
58 48.2 25.9 77.7

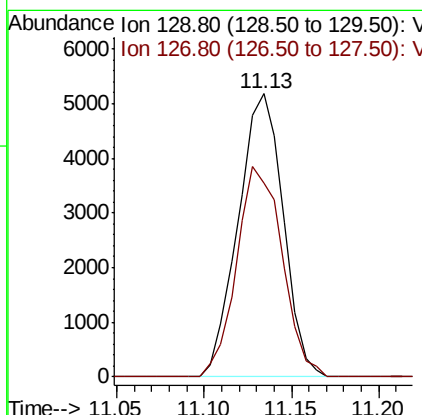
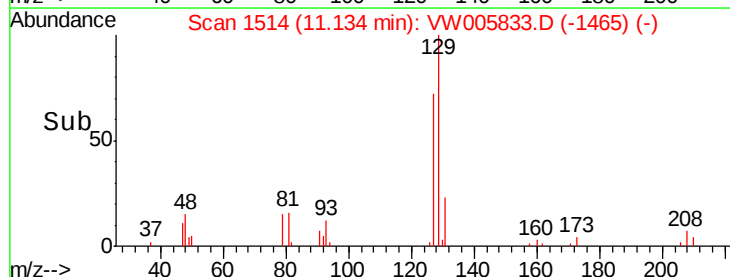
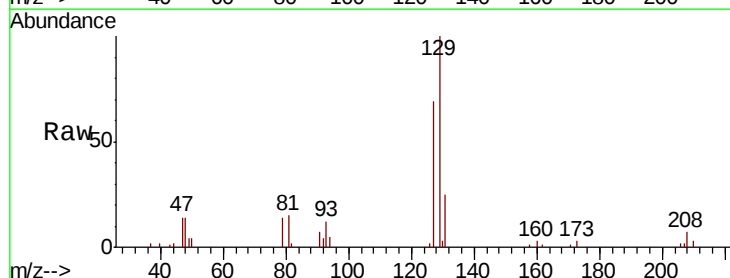
Manual Integrations
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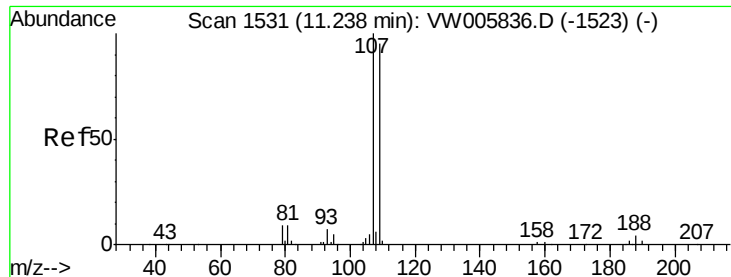
apatel
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#60
Dibromochloromethane
Concen: 5.383 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW005833.D
Acq: 04 Oct 2018 02:46

Tgt Ion: 129 Resp: 9326
Ion Ratio Lower Upper
129 100
127 75.3 37.2 111.6





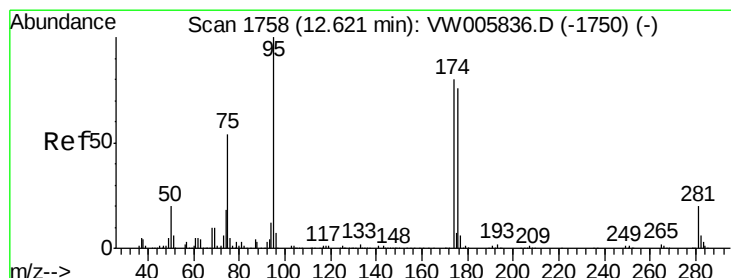
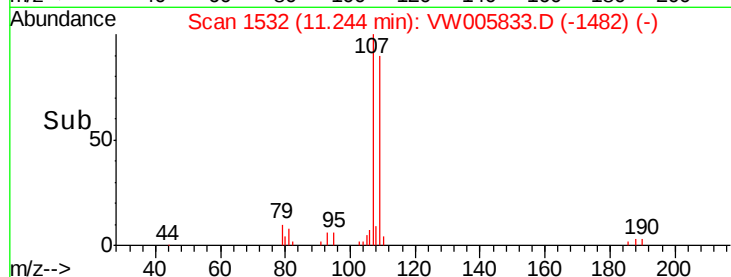
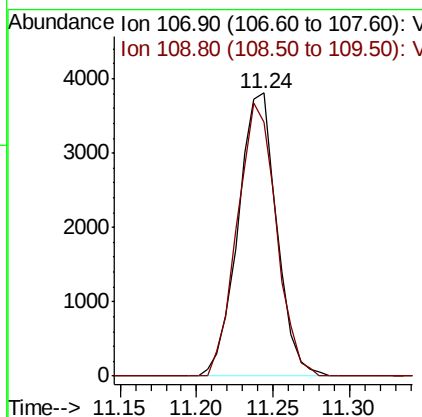
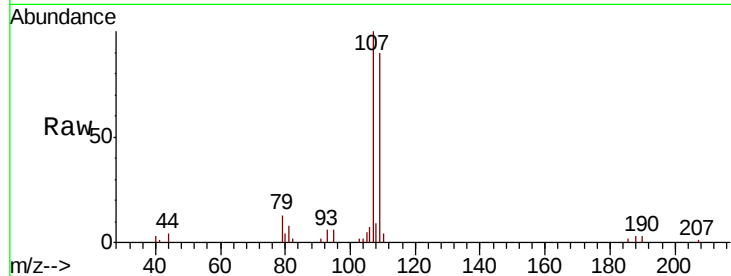
#61
 1,2-Dibromoethane
 Concen: 5.028 ug/l
 RT: 11.24 min Scan# 1532
 Delta R.T. 0.01 min
 Lab File: VW005833.D
 Acq: 04 Oct 2018 02:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
107	100		
109	97.1	76.6	114.8

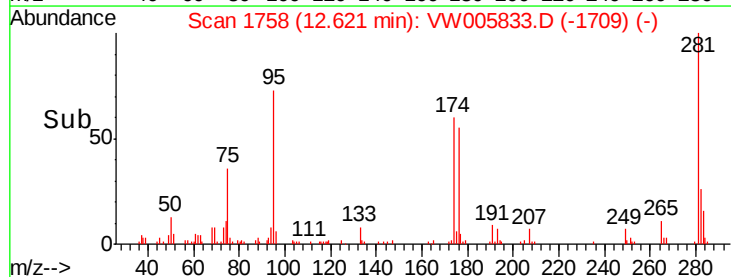
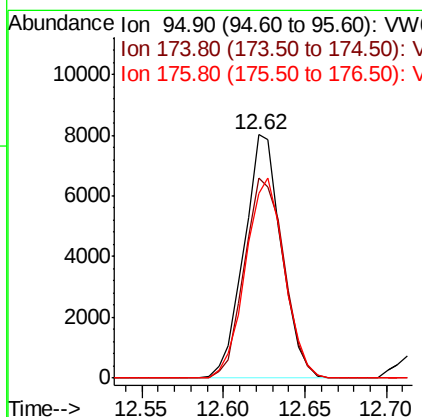
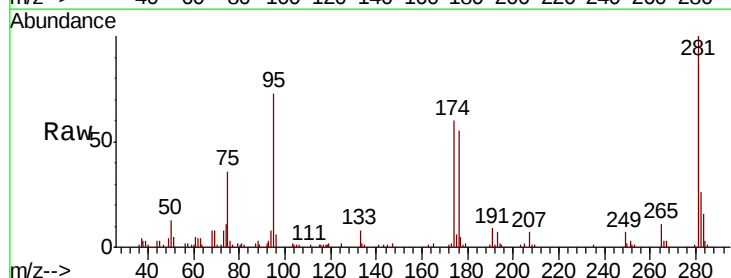
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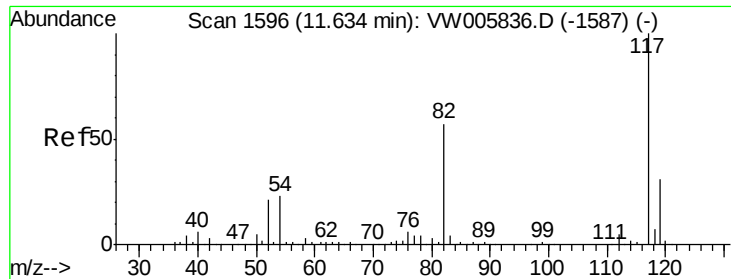
apatel
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#62
 4-Bromofluorobenzene
 Concen: 4.841 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW005833.D
 Acq: 04 Oct 2018 02:46

Tgt Ion	Ratio	Lower	Upper
95	100		
174	87.0	0.0	169.0
176	85.0	0.0	164.2





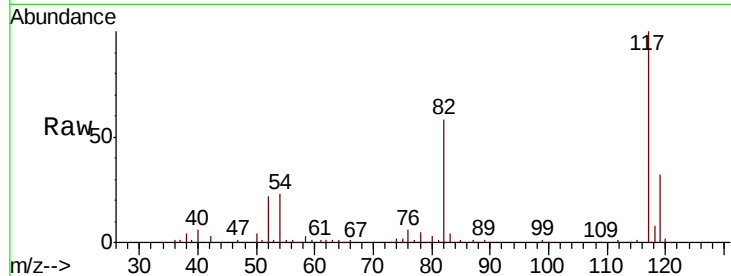
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005833.D
Acq: 04 Oct 2018 02:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.6	45.6	68.4
119	32.1	25.0	37.6

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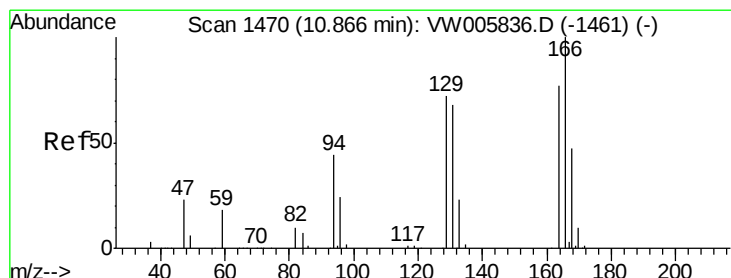
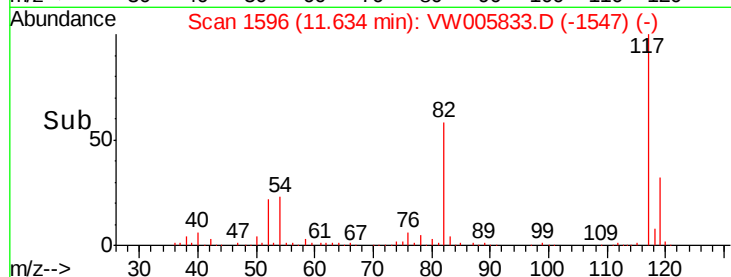
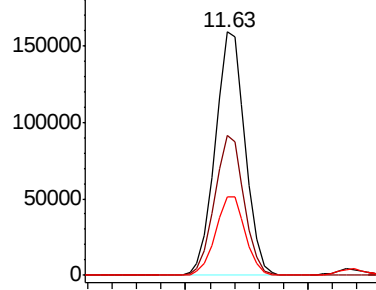


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 5.544 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005833.D
Acq: 04 Oct 2018 02:46

Tgt Ion	Ratio	Lower	Upper
164	100		
166	136.4	104.0	156.0
129	92.8	74.8	112.2
131	86.4	71.2	106.8

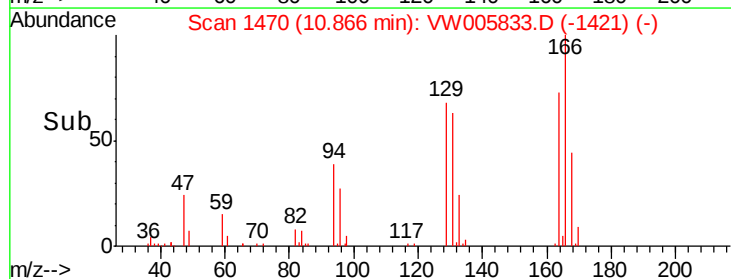
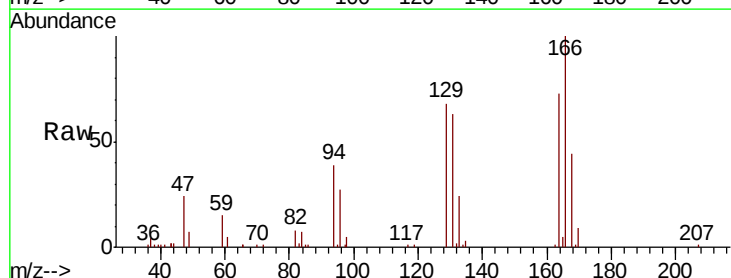
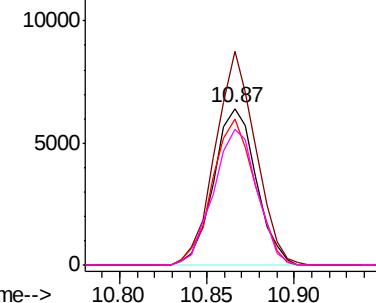
Abundance

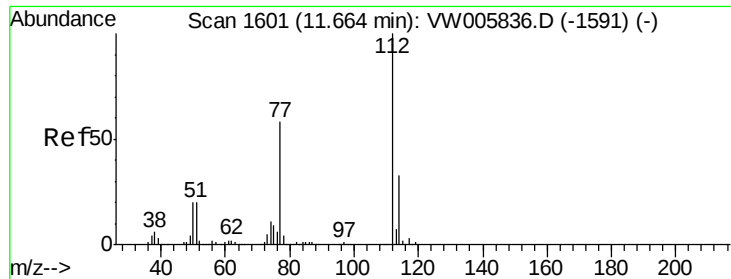
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 5.216 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.01 min

Lab File: VW005833.D

Acq: 04 Oct 2018 02:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion:112 Resp: 30019

Ion Ratio Lower Upper

112 100

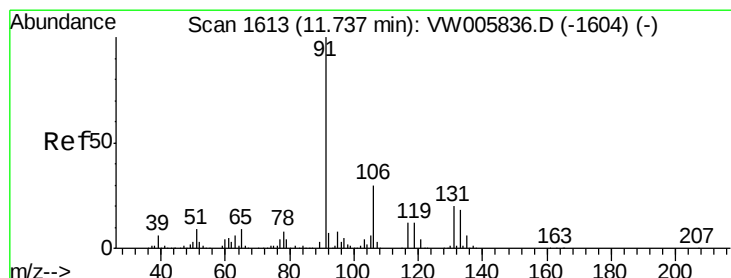
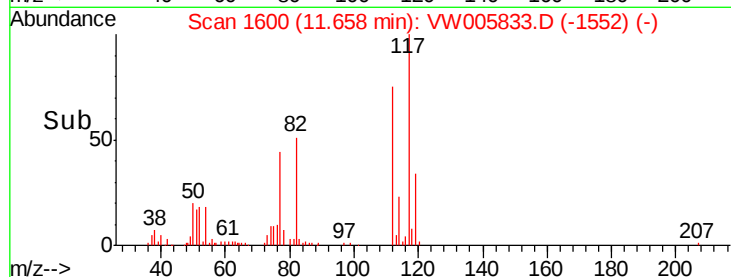
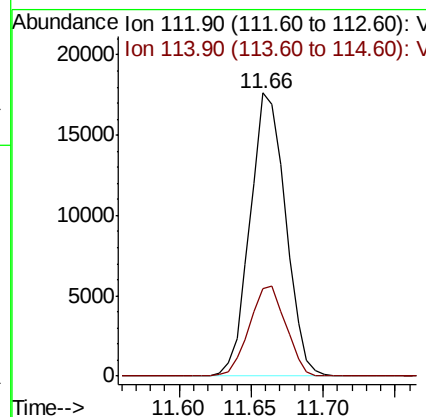
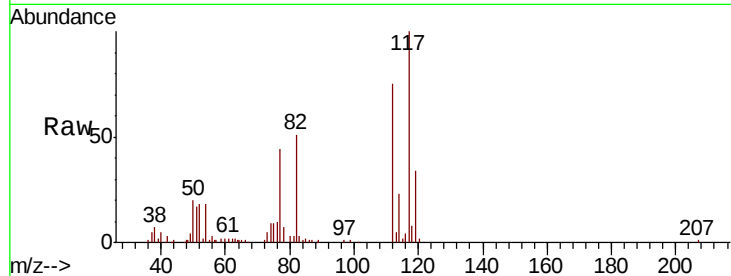
114 31.1 26.1 39.1

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#66

1,1,1,2-Tetrachloroethane

Concen: 5.239 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. -0.00 min

Lab File: VW005833.D

Acq: 04 Oct 2018 02:46

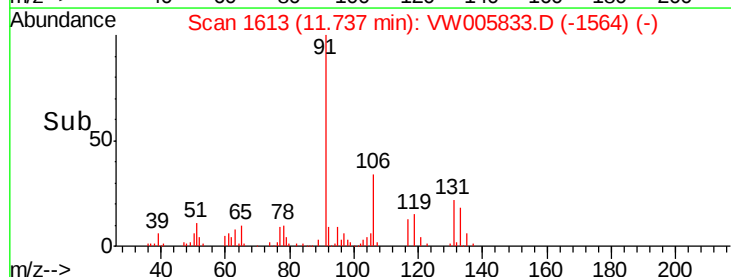
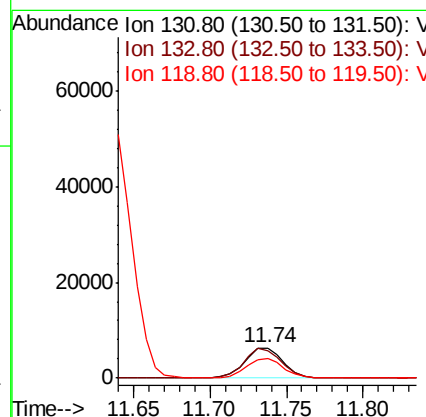
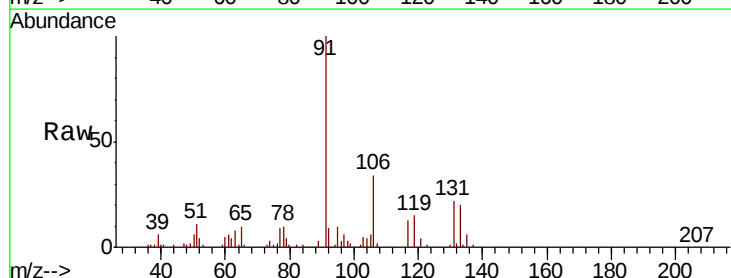
Tgt Ion:131 Resp: 10928

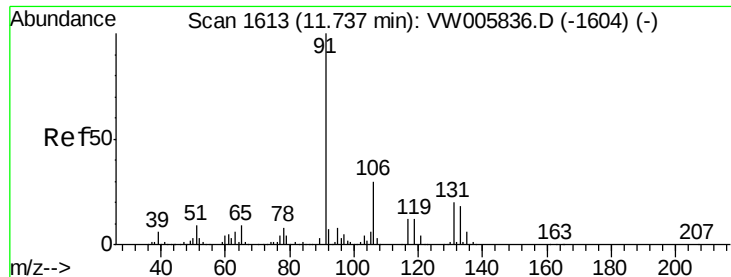
Ion Ratio Lower Upper

131 100

133 95.3 47.0 141.0

119 63.2 30.4 91.2





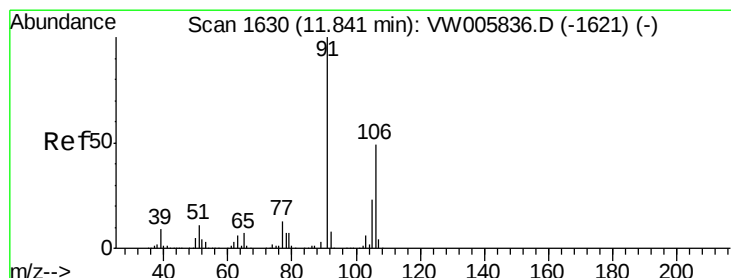
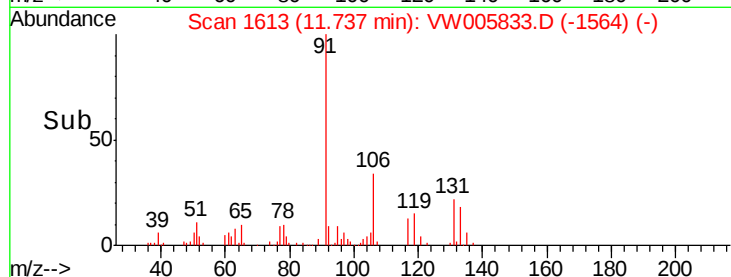
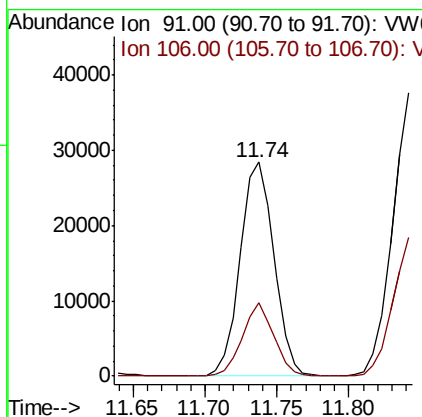
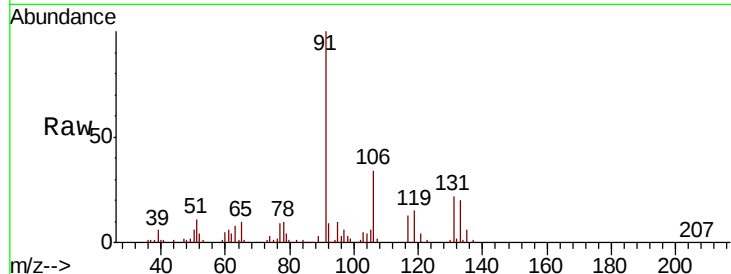
#67
Ethyl Benzene
Concen: 4.541 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005833.D
Acq: 04 Oct 2018 02:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion: 91 Resp: 46258
Ion Ratio Lower Upper
91 100
106 34.2 24.3 36.5

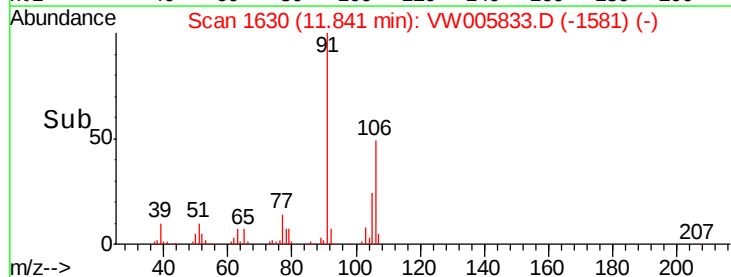
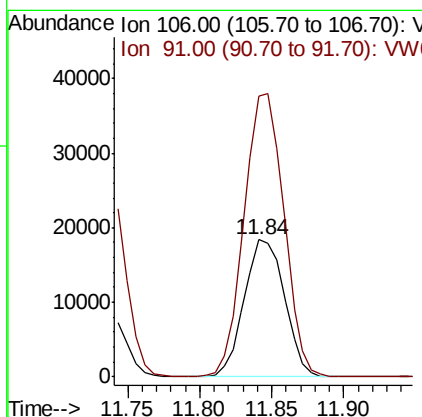
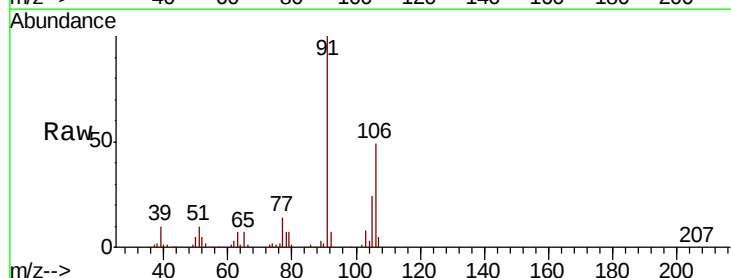
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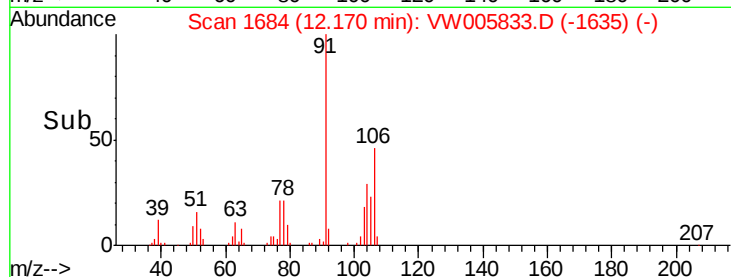
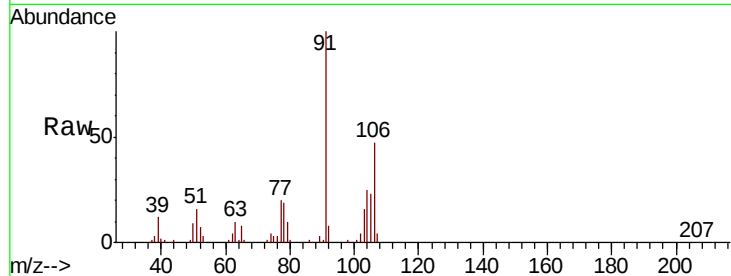
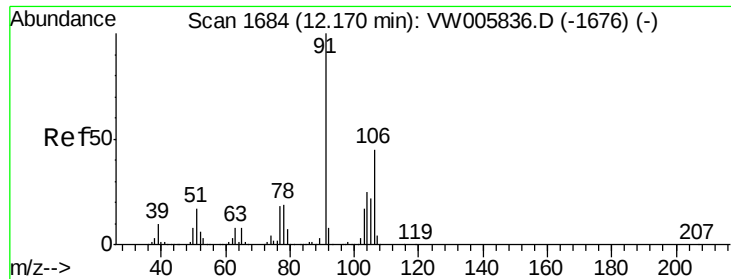
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#68
m/p-Xylenes
Concen: 9.271 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW005833.D
Acq: 04 Oct 2018 02:46

Tgt Ion: 106 Resp: 35802
Ion Ratio Lower Upper
106 100
91 203.7 165.4 248.0





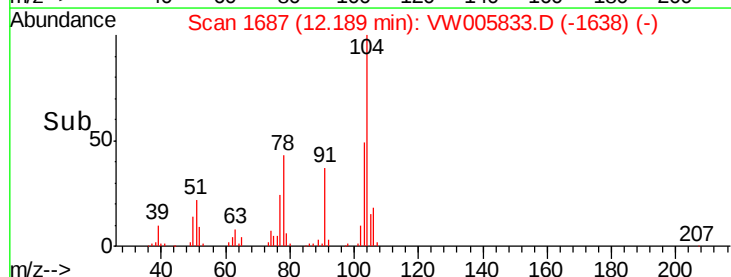
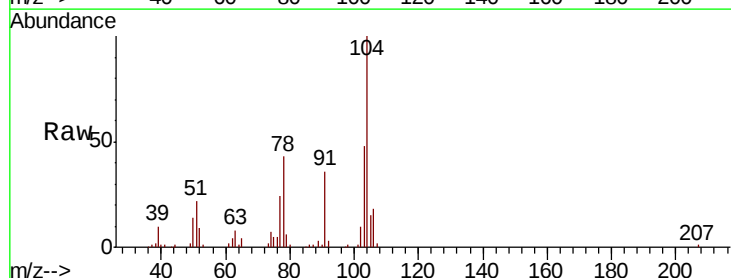
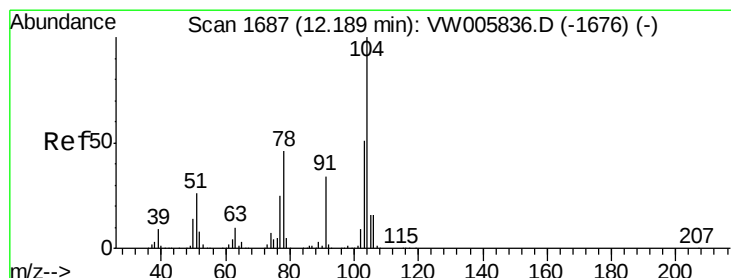
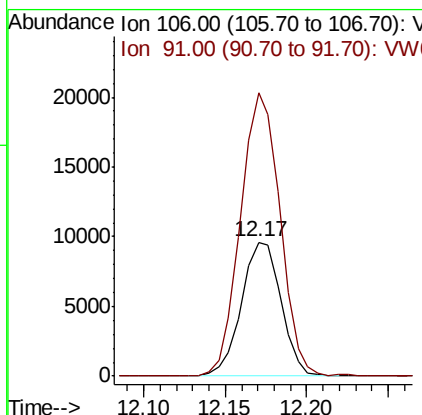
#69
o-Xylene
Concen: 4.497 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005833.D
Acq: 04 Oct 2018 02:46

Tot Ion:106 Resp: 16250
Ion Ratio Lower Upper
106 100
91 211.7 109.7 329.1

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

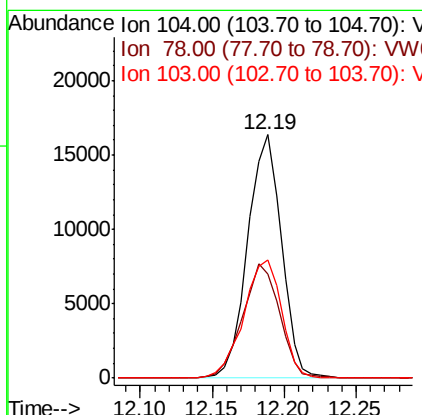
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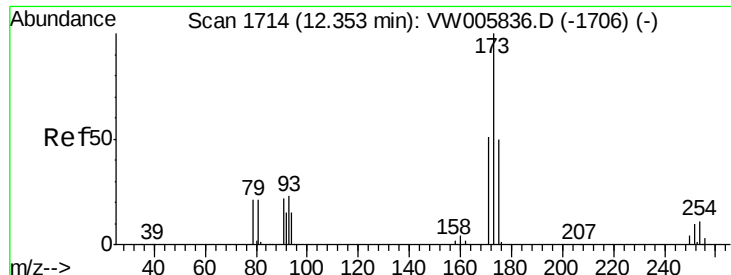
apatel
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#70
Styrene
Concen: 4.361 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005833.D
Acq: 04 Oct 2018 02:46

Tgt Ion:104 Resp: 26514
Ion Ratio Lower Upper
104 100
78 51.7 42.3 63.5
103 54.7 44.9 67.3





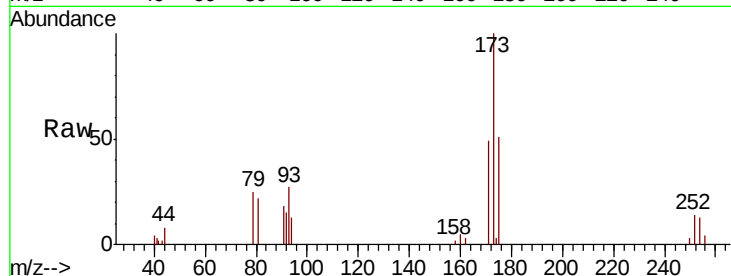
#71
Bromoform
Concen: 5.099 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. -0.00 min
Lab File: VW005833.D
Acq: 04 Oct 2018 02:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
173	100		
175	45.6	24.3	72.9
254	0.0	0.1	0.1#

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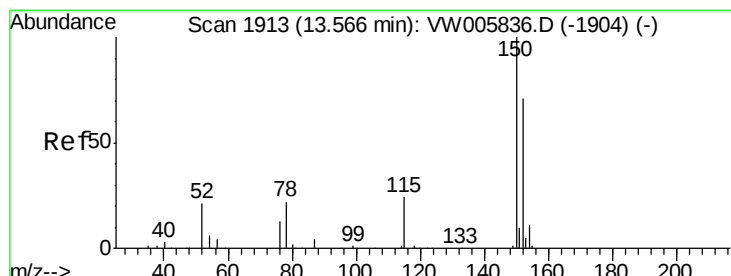
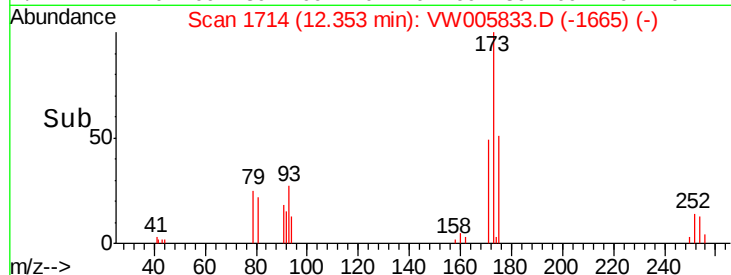
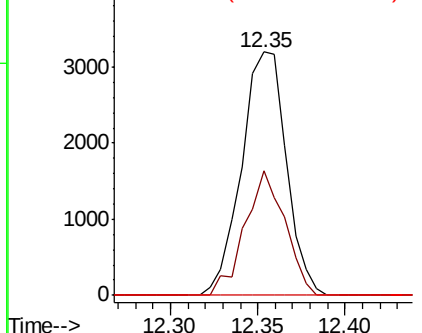


Abundance

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: VW005833.D
Acq: 04 Oct 2018 02:46

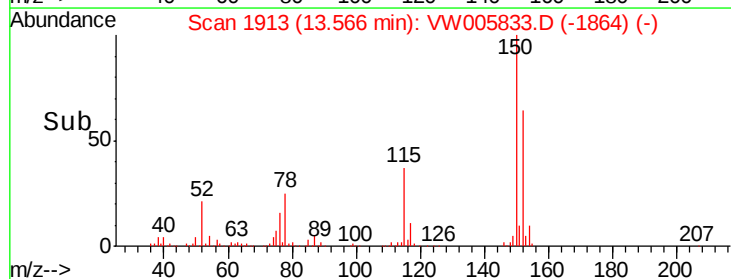
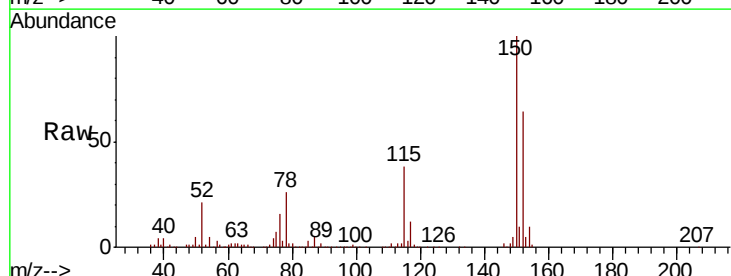
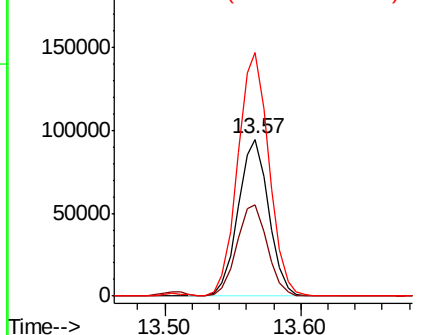
Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.6	29.8	89.4
150	158.8	0.0	349.4

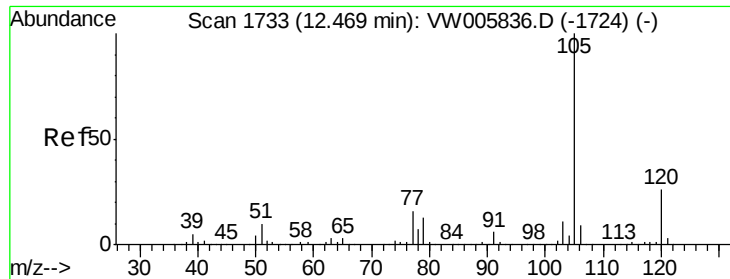
Abundance

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: 4.302 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005833.D

Acq: 04 Oct 2018 02:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion: 105 Resp: 44018

Ion Ratio Lower Upper

105 100

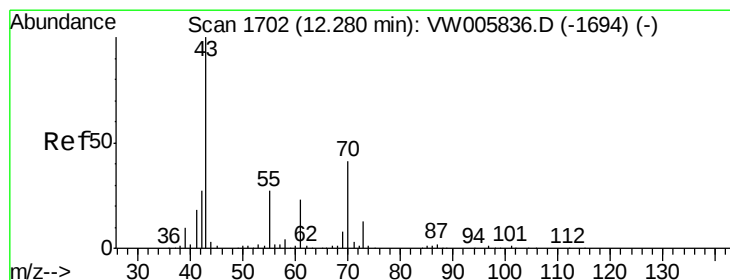
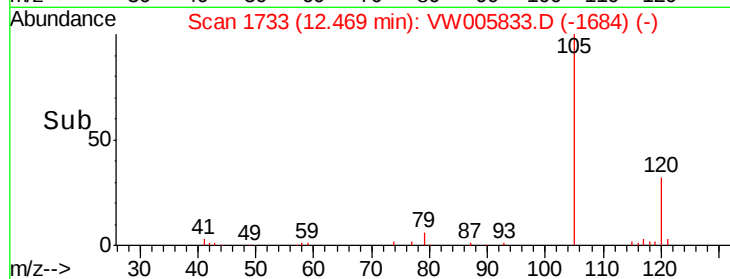
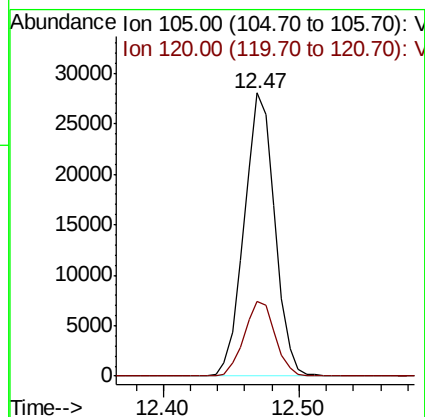
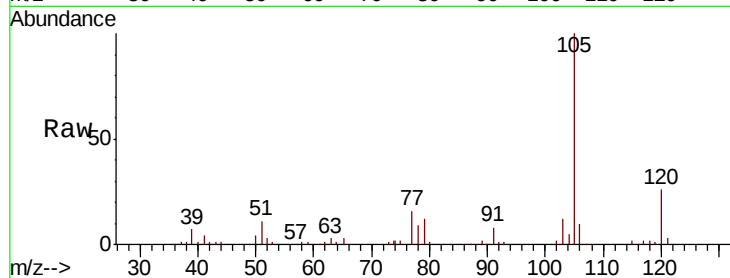
120 26.5 12.9 38.7

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#74

N-ethyl acetate

Concen: 3.933 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005833.D

Acq: 04 Oct 2018 02:46

Tgt Ion: 43 Resp: 9137

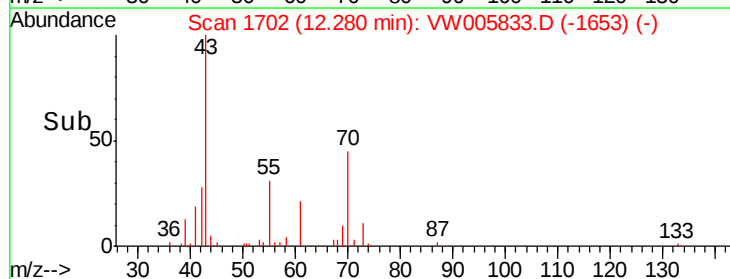
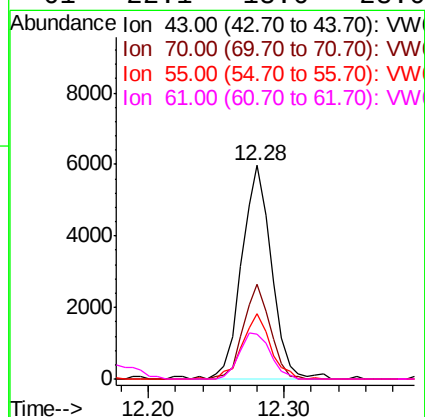
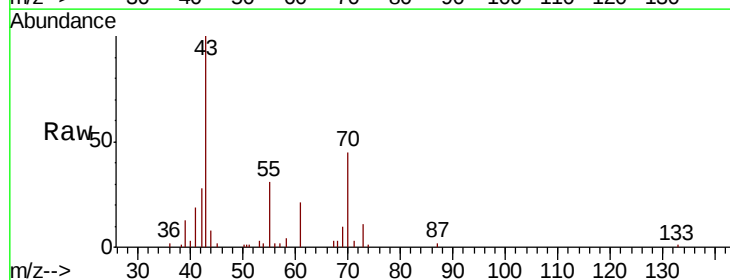
Ion Ratio Lower Upper

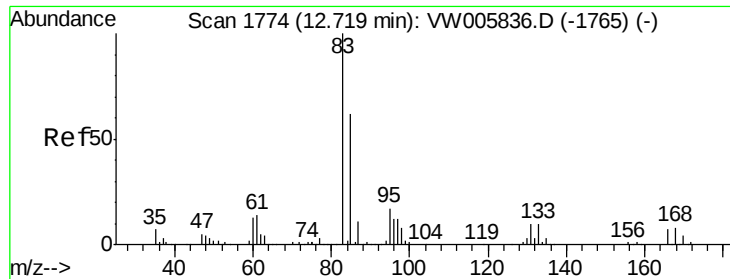
43 100

70 40.0 33.6 50.4

55 28.5 21.8 32.6

61 22.1 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 4.778 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005833.D

Acq: 04 Oct 2018 02:46

Instrument :

MSVOA_W

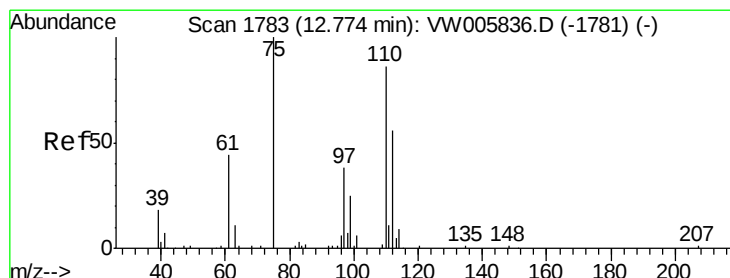
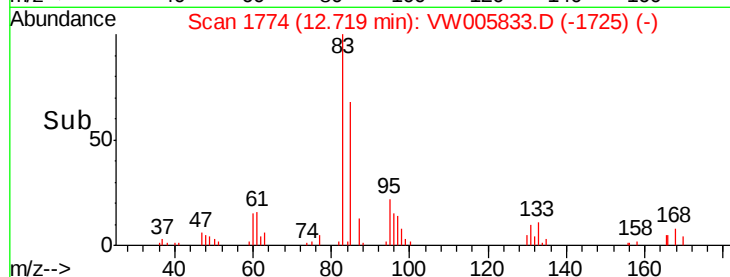
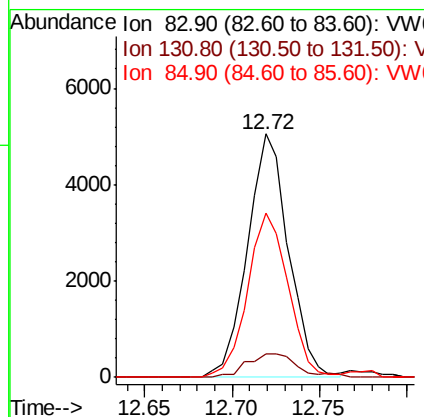
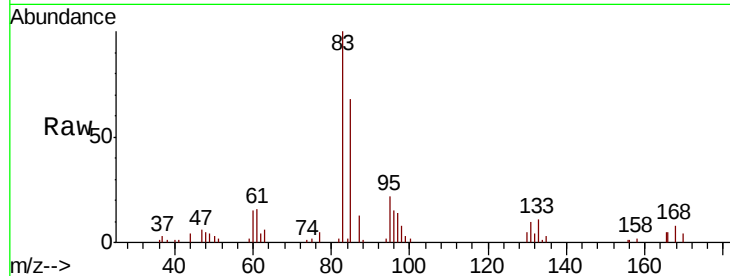
ClientSampled :

VSTDIC005

Tot Ion:	83	Resp:	8225
Ion Ratio	Lower	Upper	
83	100		
131	12.1	5.9	17.6
85	66.8	31.8	95.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 5.487 ug/l m

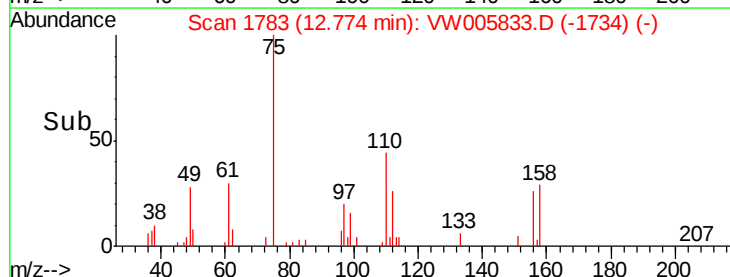
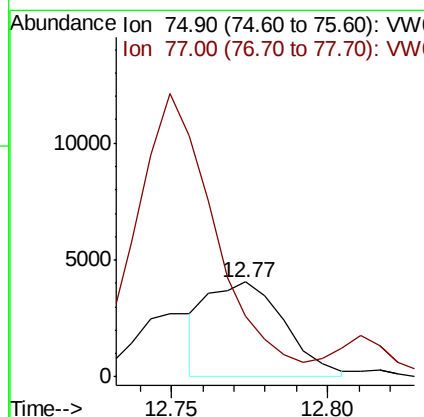
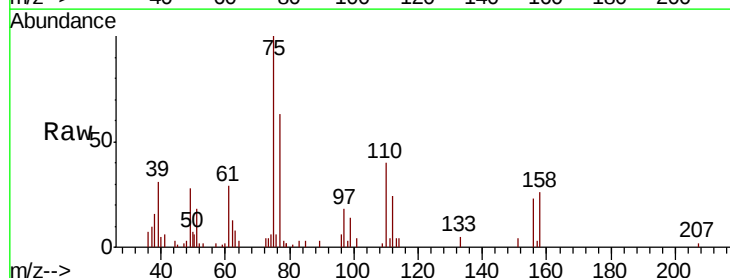
RT: 12.77 min Scan# 1783

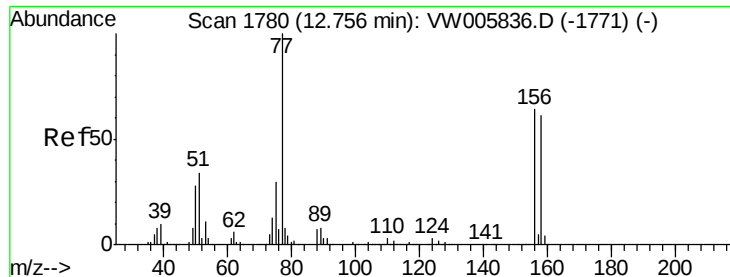
Delta R.T. -0.00 min

Lab File: VW005833.D

Acq: 04 Oct 2018 02:46

Tgt Ion:	75	Resp:	7010
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 4.962 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VW005833.D

Acq: 04 Oct 2018 02:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion:156 Resp: 12026

Ion Ratio Lower Upper

156 100

77 179.3 91.0 273.1

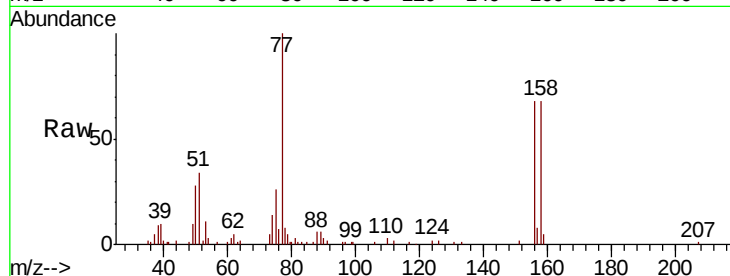
158 93.9 48.4 145.2

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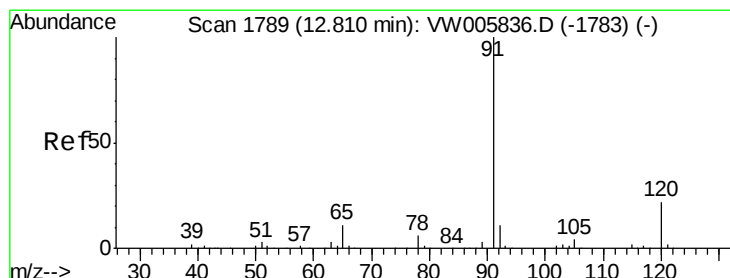
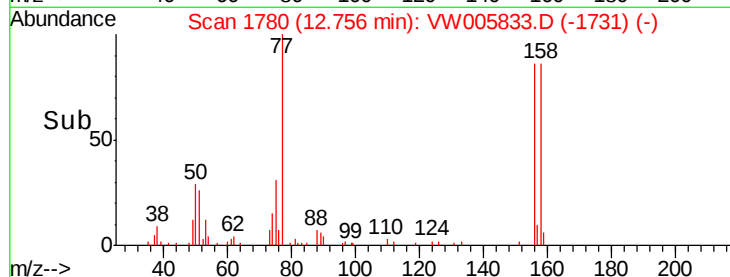
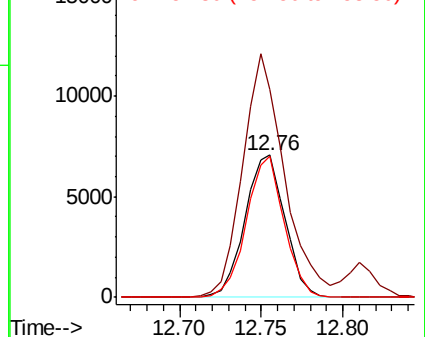
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 4.290 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW005833.D

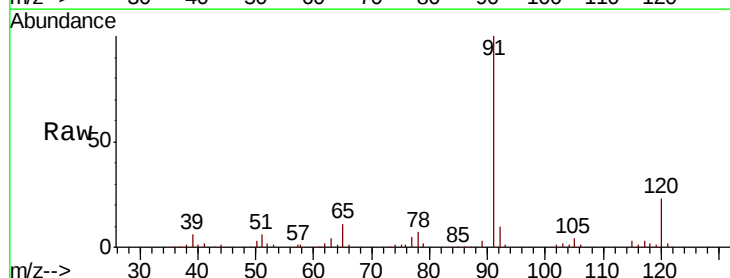
Acq: 04 Oct 2018 02:46

Tgt Ion: 91 Resp: 52997

Ion Ratio Lower Upper

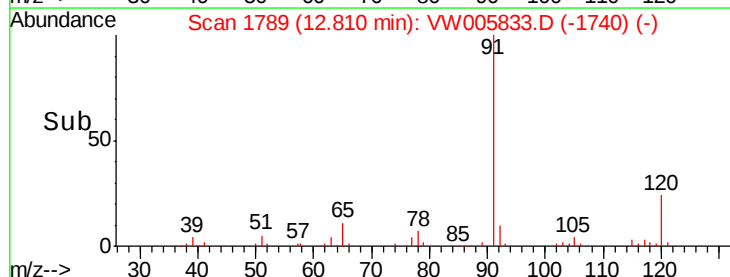
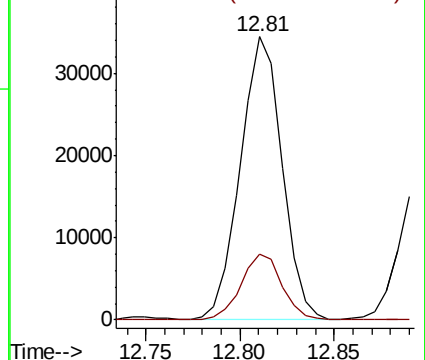
91 100

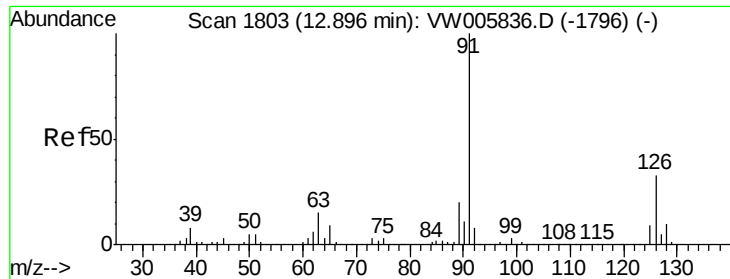
120 22.7 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





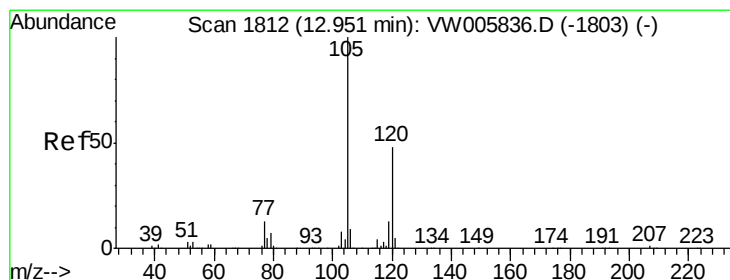
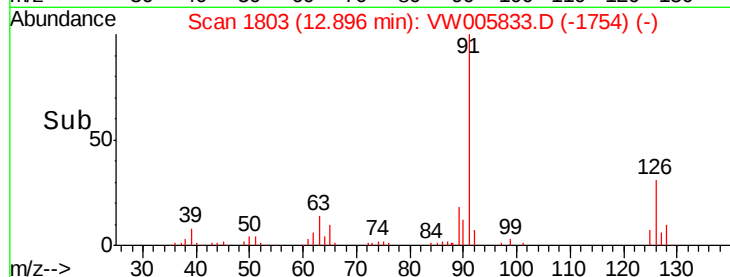
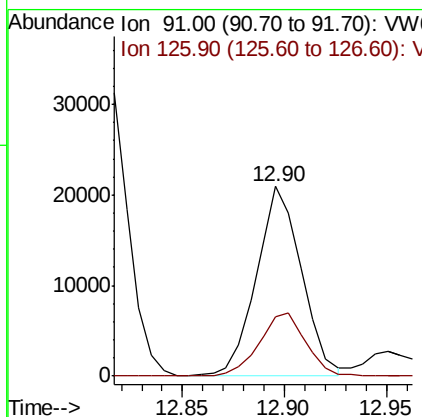
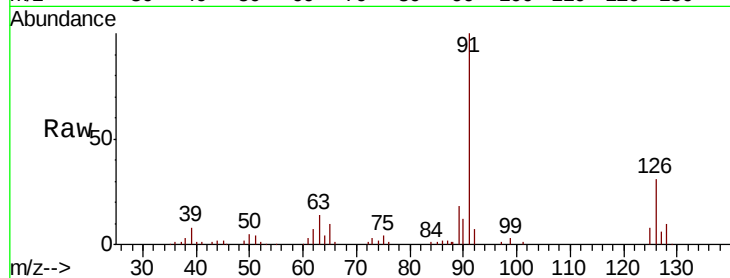
#79
 2-Chlorotoluene
 Concen: 4.492 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW005833.D
 Acq: 04 Oct 2018 02:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tot Ion: 91 Resp: 32249
 Ion Ratio Lower Upper
 91 100
 126 34.5 16.6 49.8

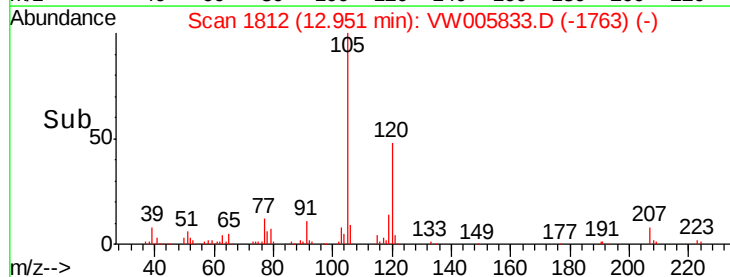
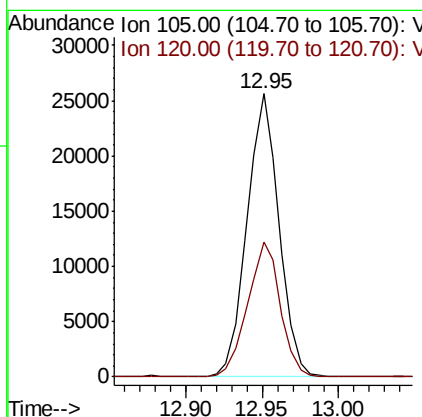
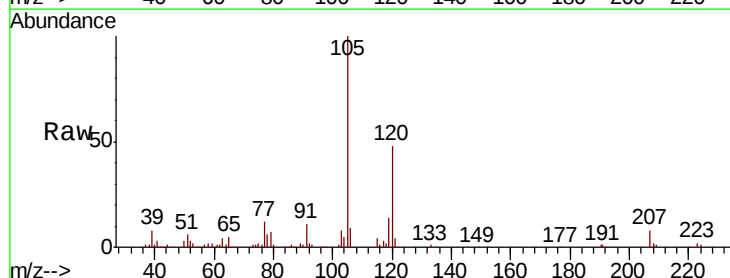
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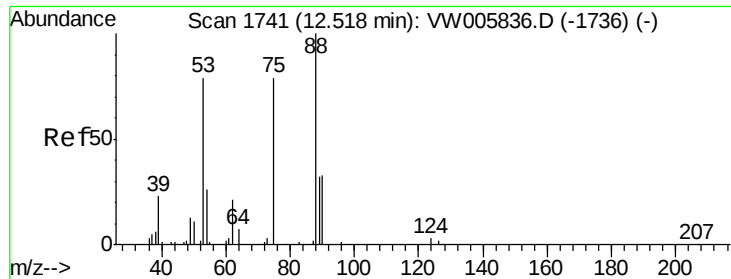
apatel
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#80
 1,3,5-Trimethylbenzene
 Concen: 4.182 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW005833.D
 Acq: 04 Oct 2018 02:46

Tgt Ion: 105 Resp: 37236
 Ion Ratio Lower Upper
 105 100
 120 48.8 23.8 71.2





#81

trans-1,4-Dichloro-2-butene

Concen: 3.967 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW005833.D

Acq: 04 Oct 2018 02:46

Instrument :

MSVOA_W

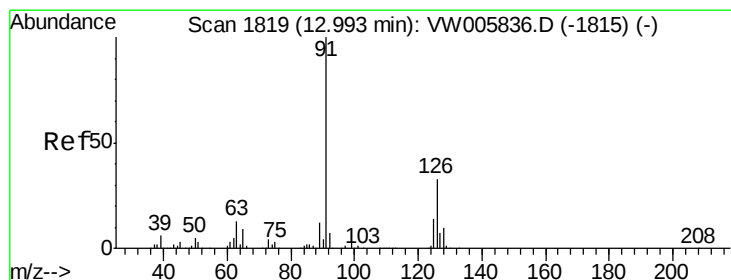
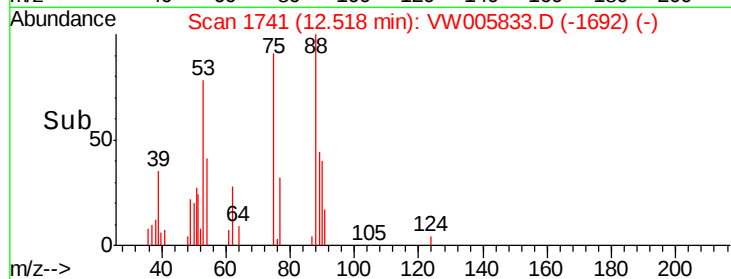
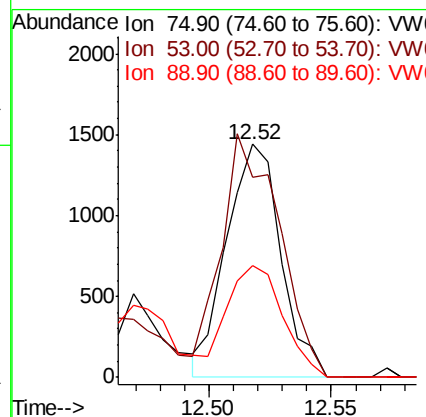
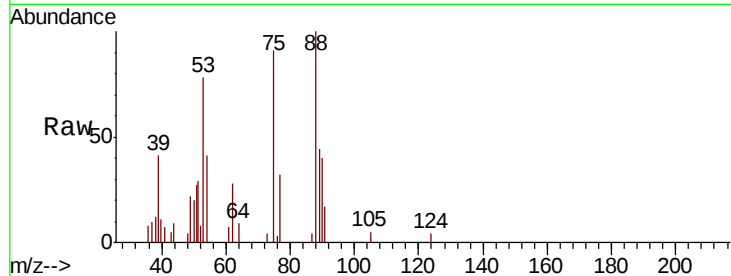
ClientSampleId :

VSTDIC005

Tot Ion:	75	Resp:	2226
Ion	Ratio	Lower	Upper
75	100		
53	111.0	83.7	125.5
89	48.7	37.5	56.3

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#82

4-Chlorotoluene

Concen: 4.470 ug/l

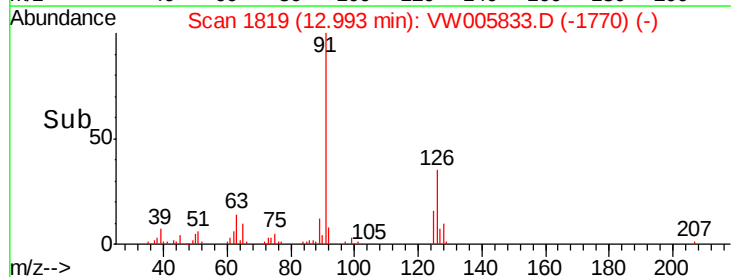
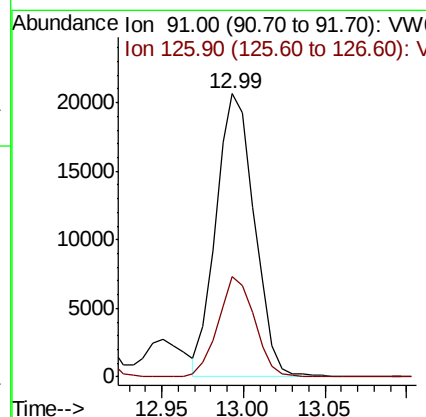
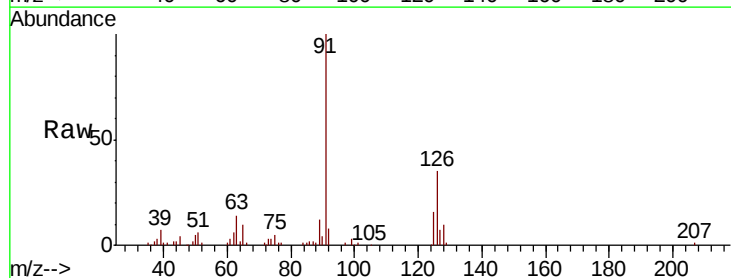
RT: 12.99 min Scan# 1819

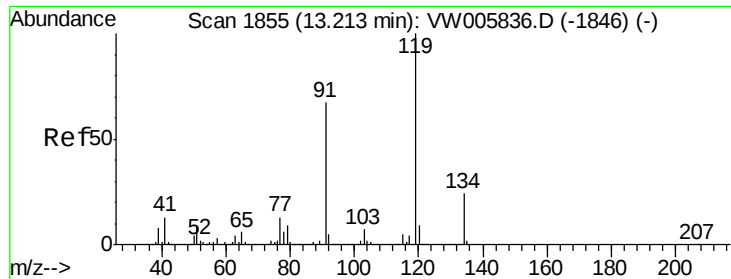
Delta R.T. -0.00 min

Lab File: VW005833.D

Acq: 04 Oct 2018 02:46

Tgt Ion:	91	Resp:	33853
Ion	Ratio	Lower	Upper
91	100		
126	33.6	16.7	50.0





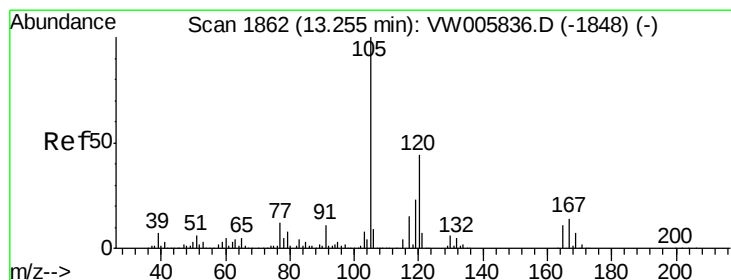
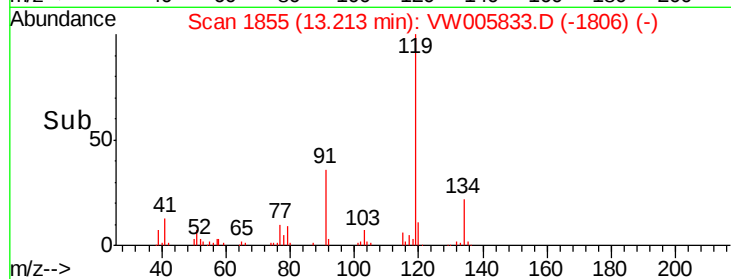
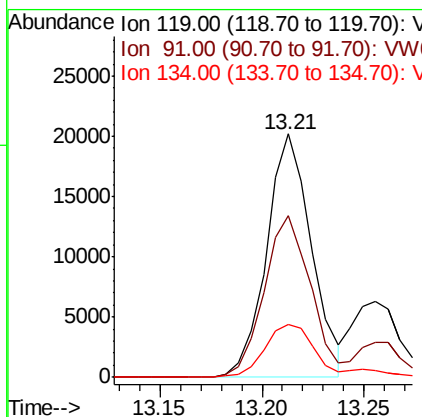
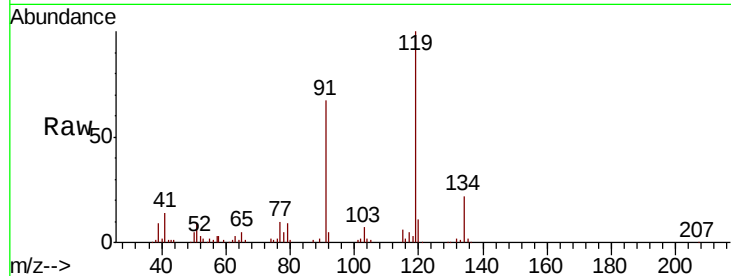
#83
tert-Butylbenzene
Concen: 4.147 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW005833.D
Acq: 04 Oct 2018 02:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.3	33.4	100.2
134	24.3	12.8	38.3

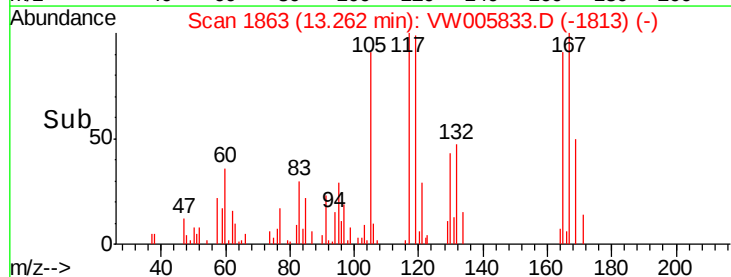
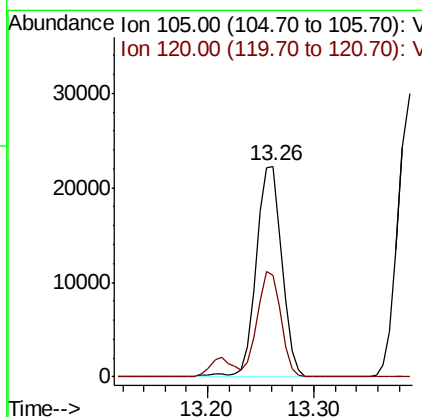
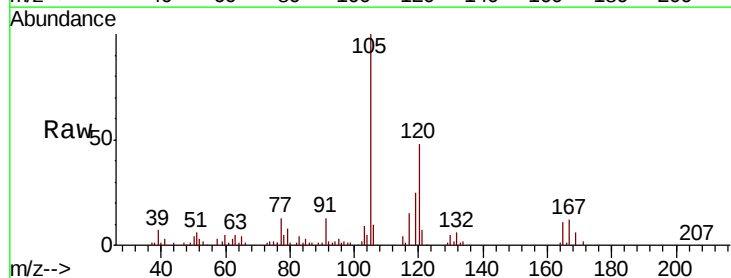
Manual Integrations
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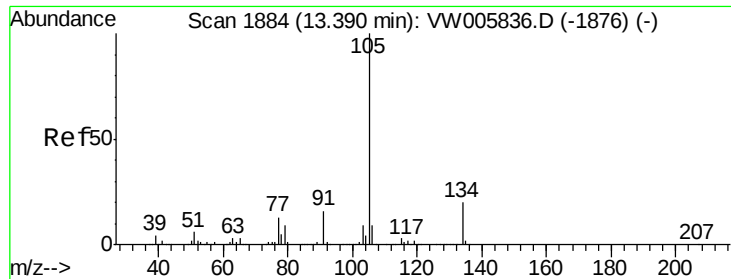
apatel
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#84
1,2,4-Trimethylbenzene
Concen: 4.200 ug/l
RT: 13.26 min Scan# 1863
Delta R.T. 0.01 min
Lab File: VW005833.D
Acq: 04 Oct 2018 02:46

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	21.9	65.7





#85

sec-Butylbenzene

Concen: 4.300 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW005833.D

Acq: 04 Oct 2018 02:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion:105 Resp: 46488

Ion Ratio Lower Upper

105 100

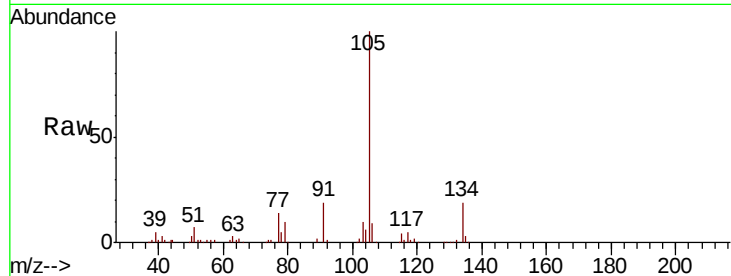
134 19.5 10.0 30.0

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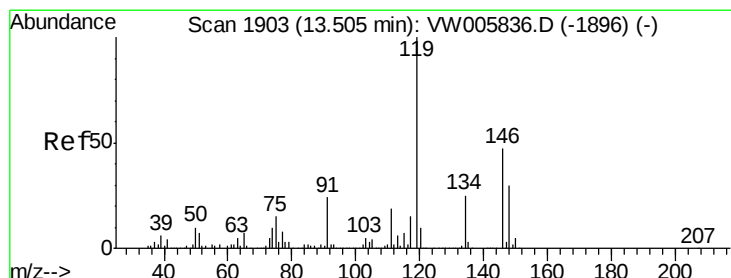
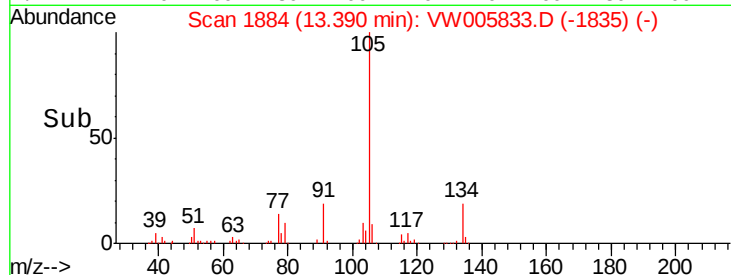
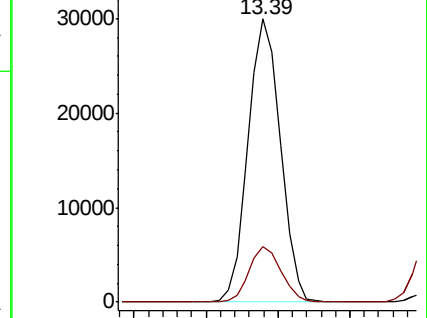
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 4.075 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005833.D

Acq: 04 Oct 2018 02:46

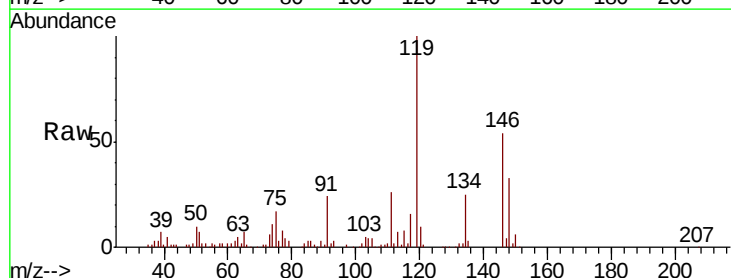
Tgt Ion:119 Resp: 39610

Ion Ratio Lower Upper

119 100

134 26.3 12.7 38.0

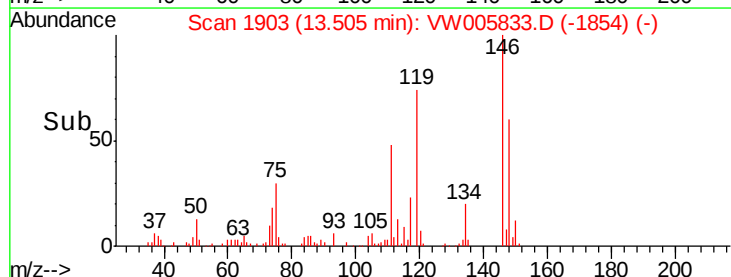
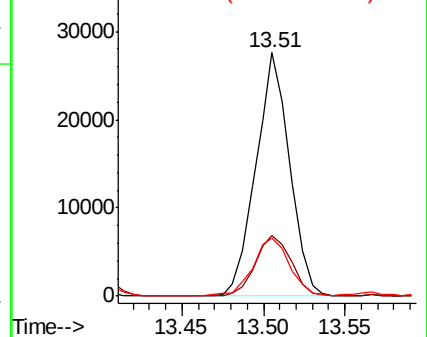
91 26.3 11.9 35.9

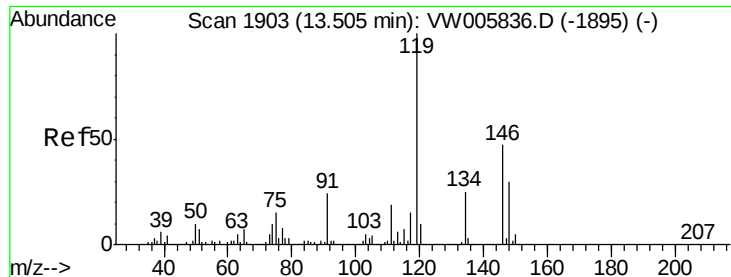


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





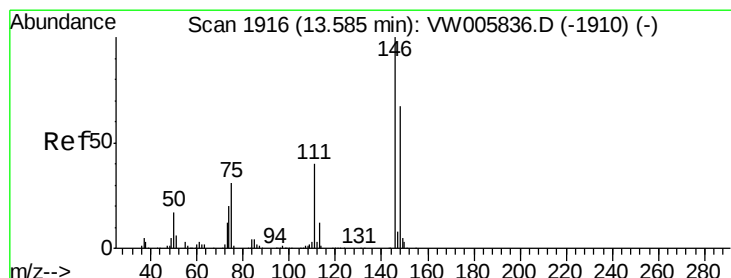
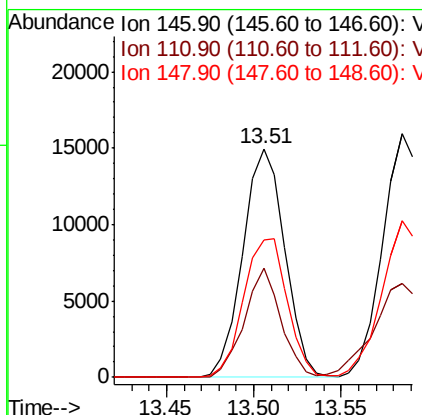
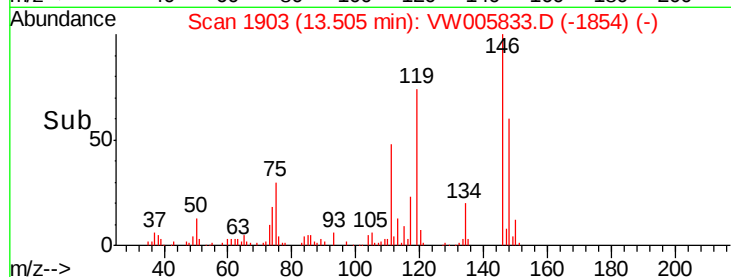
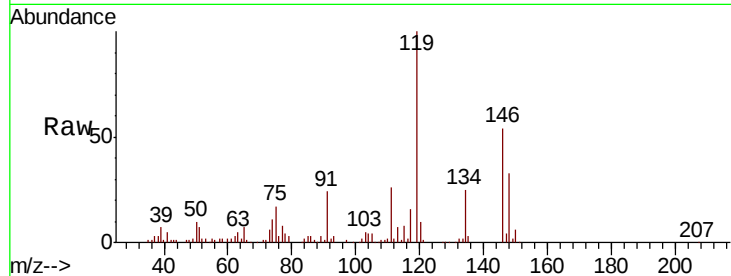
#87
1,3-Dichlorobenzene
Concen: 5.046 ug/l
RT: 13.51 min Scan# 1903
Delta R.T. -0.00 min
Lab File: VW005833.D
Acq: 04 Oct 2018 02:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	19.9	59.7
148	63.2	32.0	96.2

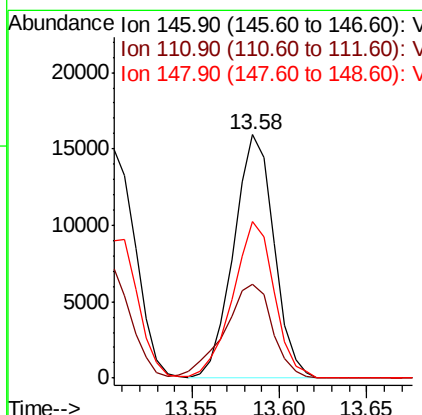
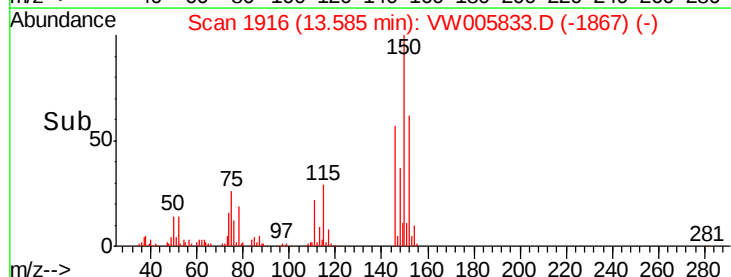
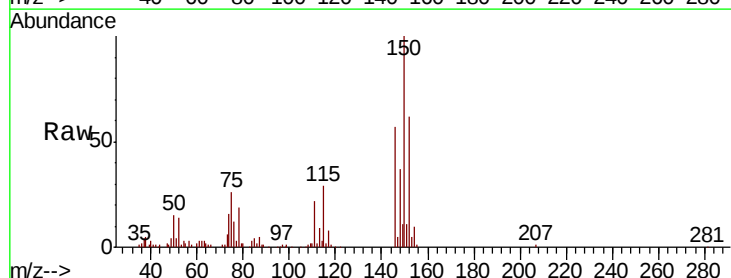
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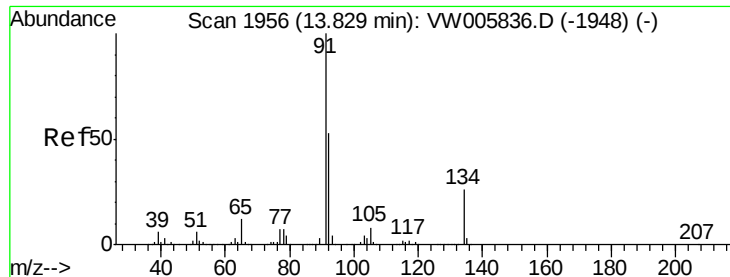
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#88
1,4-Dichlorobenzene
Concen: 5.202 ug/l
RT: 13.58 min Scan# 1916
Delta R.T. -0.00 min
Lab File: VW005833.D
Acq: 04 Oct 2018 02:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	46.0	19.7	59.1
148	66.2	32.1	96.5





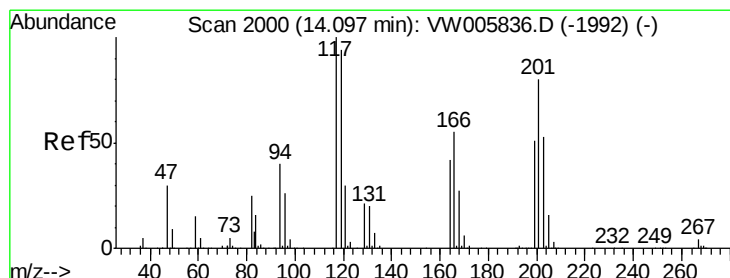
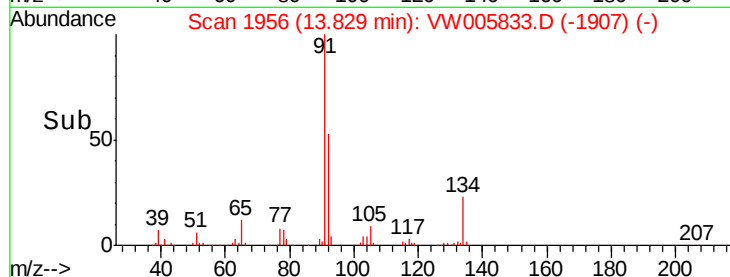
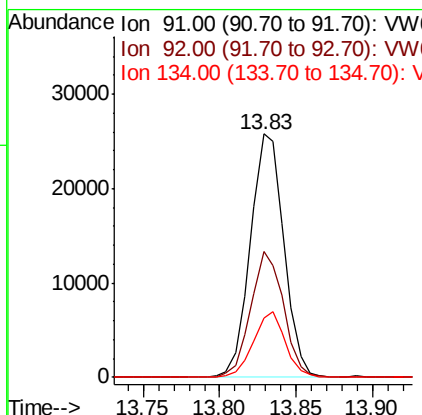
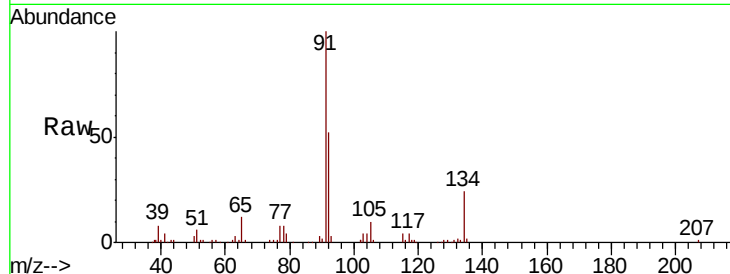
#89
n-Butylbenzene
Concen: 4.323 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW005833.D
Acq: 04 Oct 2018 02:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		39400		
92	50.6	26.2	78.5		
134	25.4	13.1	39.1		

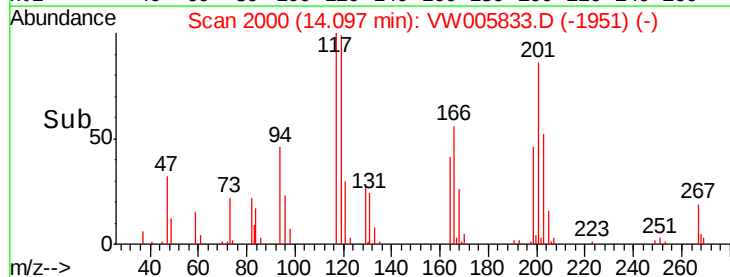
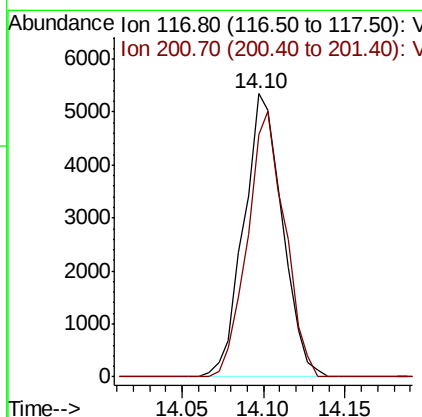
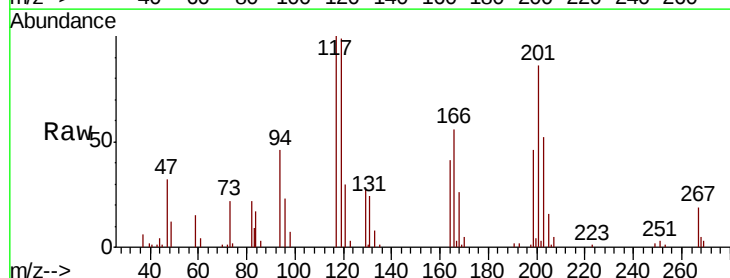
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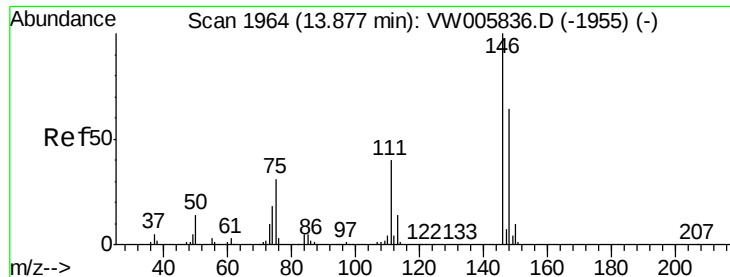
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#90
Hexachloroethane
Concen: 5.009 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW005833.D
Acq: 04 Oct 2018 02:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		8830		
201	90.7	43.7	131.1		





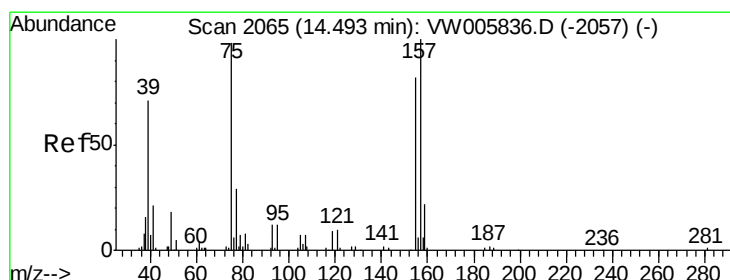
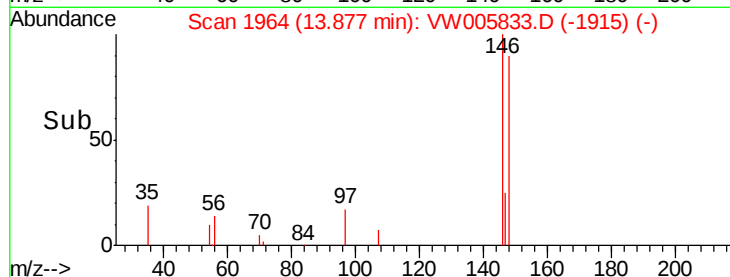
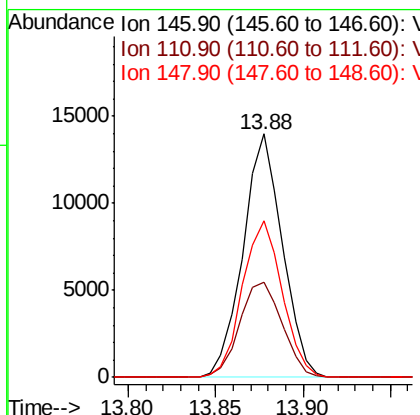
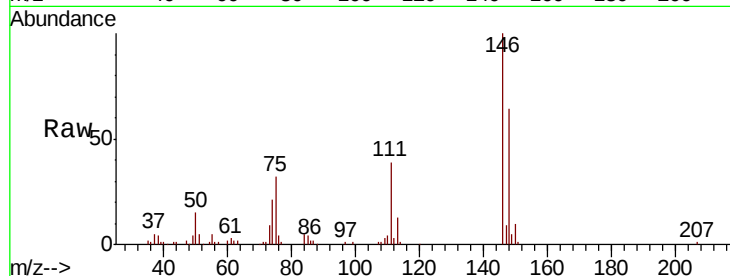
#91
 1,2-Dichlorobenzene
 Concen: 4.989 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW005833.D
 Acq: 04 Oct 2018 02:46

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	20.4	61.3
148	65.4	32.1	96.3

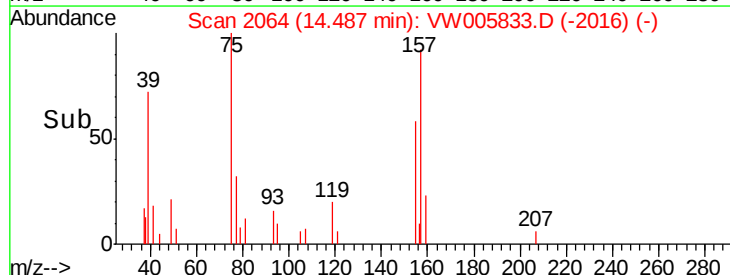
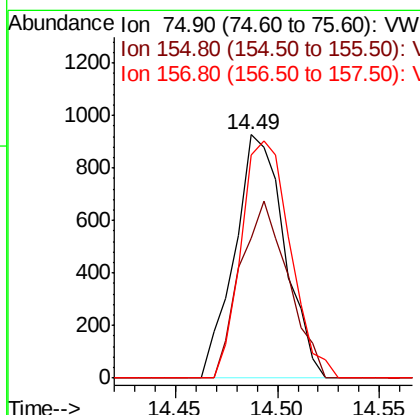
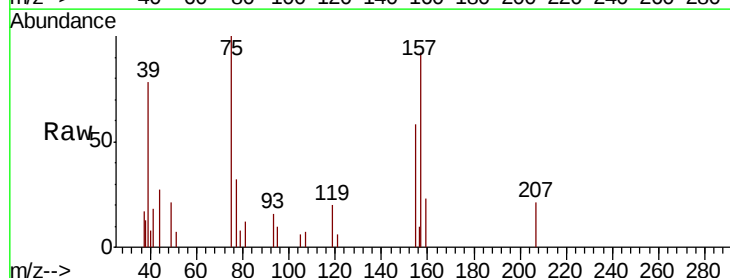
Manual Integrations
 APPROVED

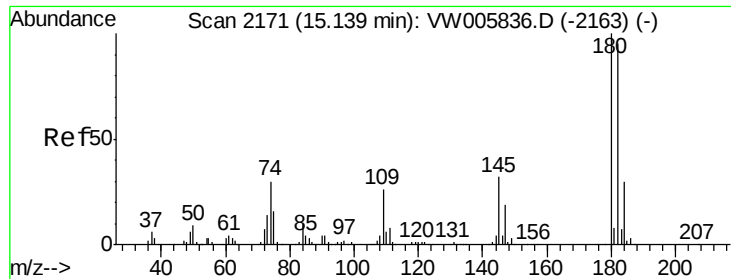
apatel
 10/4/2018 2:46:57 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.761 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: VW005833.D
 Acq: 04 Oct 2018 02:46

Tgt Ion	Ratio	Lower	Upper
75	100		
155	69.9	41.3	123.9
157	95.8	51.9	155.7





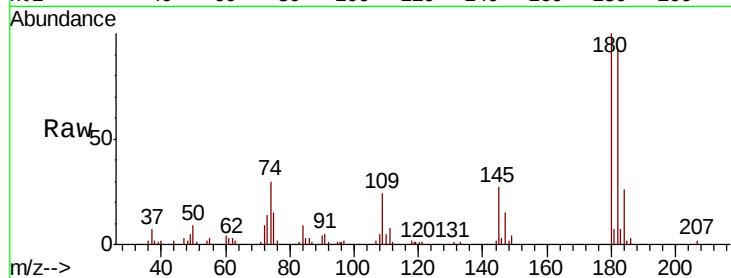
#93
1,2,4-Trichlorobenzene
Concen: 4.707 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VW005833.D
Acq: 04 Oct 2018 02:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.6	142.8
145	29.8	15.0	45.0

Manual Integrations
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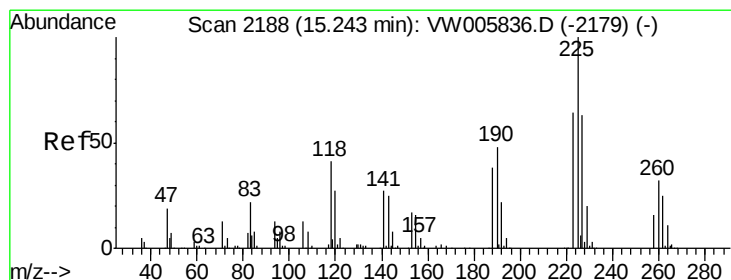
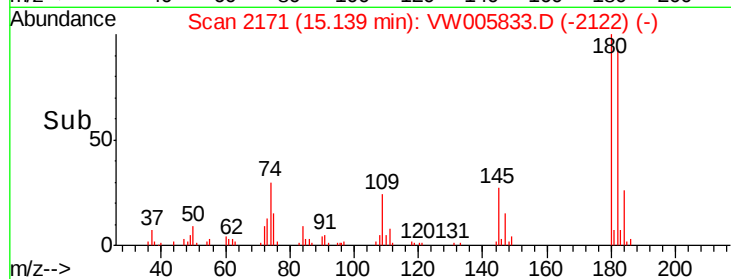
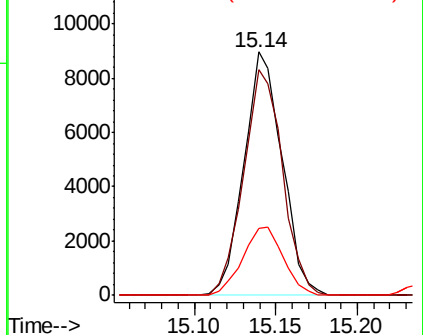


Abundance

Ion 179.80 (179.50 to 180.50): V

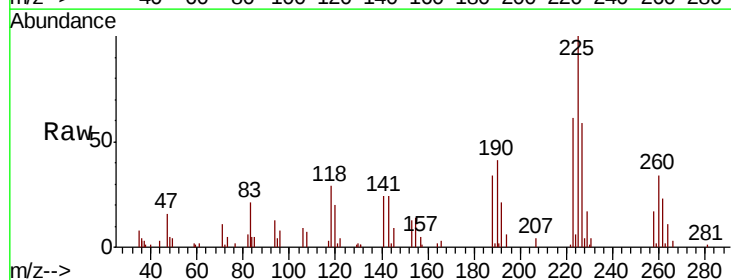
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
Hexachlorobutadiene
Concen: 5.232 ug/l
RT: 15.25 min Scan# 2189
Delta R.T. 0.01 min
Lab File: VW005833.D
Acq: 04 Oct 2018 02:46

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	31.2	93.6
227	63.6	31.7	95.1

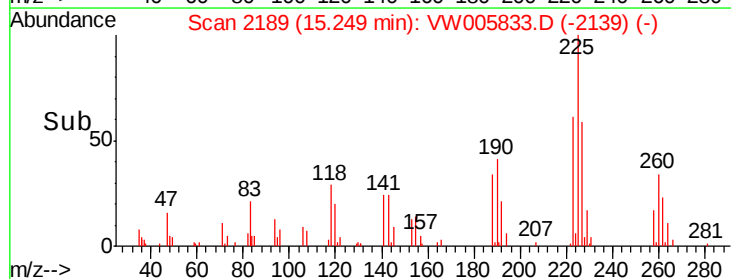
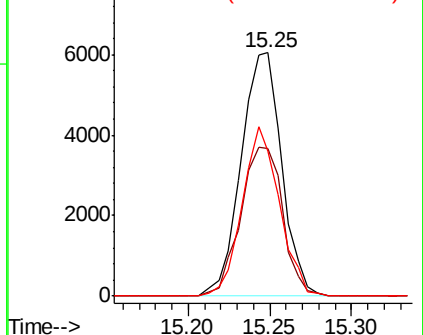


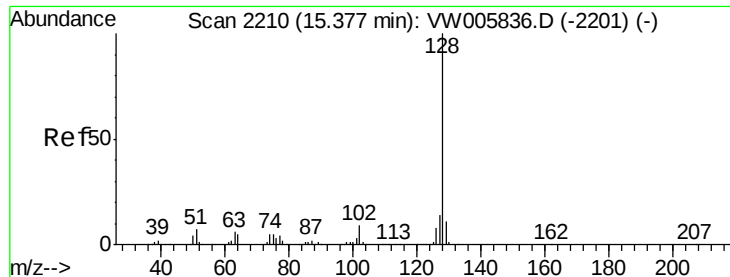
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





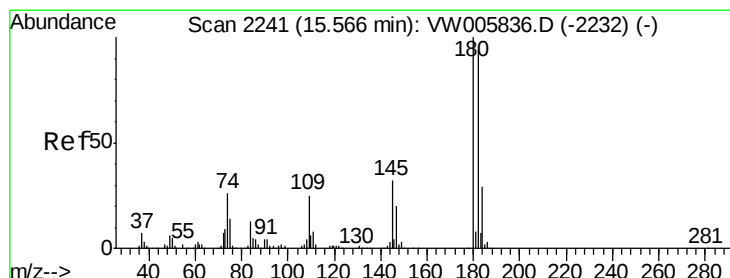
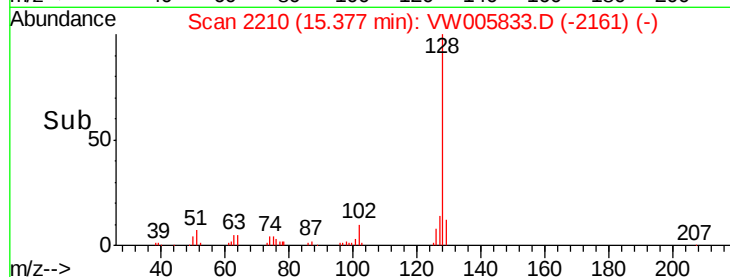
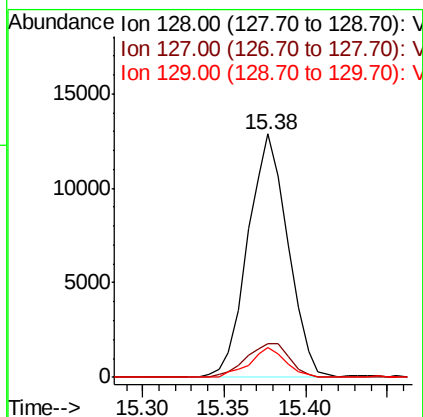
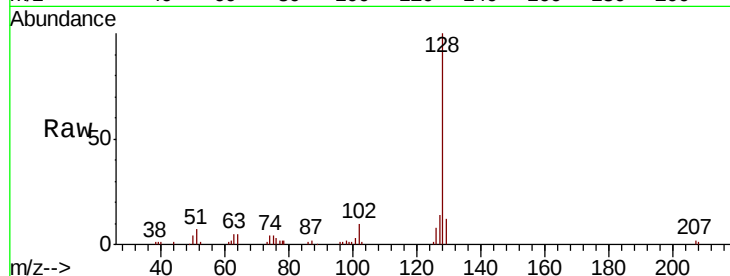
#95
Naphthalene
Concen: 4.155 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005833.D
Acq: 04 Oct 2018 02:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
128	100		
127	15.0	10.9	16.3
129	11.0	8.9	13.3

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 4.744 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005833.D
Acq: 04 Oct 2018 02:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.8	47.3	142.0
145	32.5	16.1	48.2

