

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100418\
 Data File : VW005838.D
 Acq On : 04 Oct 2018 05:20
 Operator : SY/AP
 Sample : VSTDIC100
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

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 10/4/2018 2:47:15 PM

Quant Time: Oct 04 06:52:41 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	207452	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	309658	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	288671	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	153961	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	235775	95.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	191.64%	
35) Dibromofluoromethane	7.88	113	200311	102.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	204.26%	
50) Toluene-d8	10.33	98	826673	104.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	208.20%	
62) 4-Bromofluorobenzene	12.63	95	302297	102.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	205.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	119550	86.217	ug/l	93
3) Chloromethane	2.21	50	140035	85.421	ug/l	99
4) Vinyl Chloride	2.37	62	203479	100.831	ug/l	100
5) Bromomethane	2.79	94	141189	103.097	ug/l	100
6) Chloroethane	2.93	64	127143	98.322	ug/l	98
7) Trichlorofluoromethane	3.26	101	149164	96.121	ug/l	99
8) Diethyl Ether	3.68	74	104246	99.880	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	190789	96.018	ug/l	99
10) Methyl Iodide	4.27	142	322920	104.431	ug/l	99
11) Tert butyl alcohol	5.21	59	66863	469.856	ug/l #	86
12) 1,1-Dichloroethene	4.04	96	190307	99.370	ug/l	99
13) Acrolein	3.89	56	68696	622.563	ug/l	99
14) Allyl chloride	4.67	41	324663	98.440	ug/l	100
15) Acrylonitrile	5.37	53	221048	478.276	ug/l	99
16) Acetone	4.14	43	182002	413.729	ug/l	98
17) Carbon Disulfide	4.37	76	622961	103.243	ug/l	100
18) Methyl Acetate	4.68	43	115066	97.073	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	312859	104.617	ug/l	96
20) Methylene Chloride	4.91	84	214908	86.382	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	216518	103.237	ug/l	98
22) Diisopropyl ether	6.31	45	645238	100.429	ug/l	98
23) Vinyl Acetate	6.26	43	1856058	502.781	ug/l	99
24) 1,1-Dichloroethane	6.21	63	396415	99.368	ug/l	99
25) 2-Butanone	7.18	43	277093	459.024	ug/l	98
26) 2,2-Dichloropropane	7.17	77	231649	84.822	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	239689	103.852	ug/l	98
28) Bromochloromethane	7.52	49	128428	82.798	ug/l	99
29) Tetrahydrofuran	7.54	42	181377	479.941	ug/l	98
30) Chloroform	7.68	83	423028	102.253	ug/l	100
31) Cyclohexane	7.96	56	339677	89.753	ug/l	95
32) 1,1,1-Trichloroethane	7.88	97	363699	100.048	ug/l	99
36) 1,1-Dichloropropene	8.09	75	321399	102.391	ug/l	99
37) Ethyl Acetate	7.26	43	128536	96.622	ug/l	100
38) Carbon Tetrachloride	8.07	117	347861	103.304	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	388211	105.192	ug/l	98
40) Benzene	8.33	78	908971	101.853	ug/l	99
41) Methacrylonitrile	7.49	41	75689	98.367	ug/l	96
42) 1,2-Dichloroethane	8.40	62	293877	101.642	ug/l	100
43) Isopropyl Acetate	8.43	43	263465	100.188	ug/l	100
44) Trichloroethene	9.10	130	238710	104.146	ug/l	98
45) 1,2-Dichloropropane	9.37	63	217790	100.186	ug/l	96
46) Dibromomethane	9.46	93	115468	104.150	ug/l	98
47) Bromodichloromethane	9.65	83	311656	105.485	ug/l	98
48) Methyl methacrylate	9.44	41	134143	107.255	ug/l	100
49) 1,4-Dioxane	9.48	88	38400	2169.999	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	673421	506.723	ug/l	99
52) Toluene	10.39	92	594903	106.588	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	315009	106.449	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	350663	105.888	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	164368	104.194	ug/l	99
56) Ethyl methacrylate	10.65	69	221655	113.908	ug/l	99
57) 1,3-Dichloropropane	10.94	76	287193	103.255	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	428865	495.941	ug/l	99
59) 2-Hexanone	10.98	43	461600	512.499	ug/l	99
60) Dibromochloromethane	11.13	129	208859	108.709	ug/l	96
61) 1,2-Dibromoethane	11.24	107	157767	107.035	ug/l	97
64) Tetrachloroethene	10.87	164	233247	111.543	ug/l	99
65) Chlorobenzene	11.66	112	645107	104.397	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	238801	106.642	ug/l	98
67) Ethyl Benzene	11.74	91	1172876	107.238	ug/l	100
68) m/p-Xylenes	11.85	106	892728	215.310	ug/l	99
69) o-Xylene	12.17	106	421439	108.625	ug/l	100
70) Styrene	12.19	104	713993	109.373	ug/l	99
71) Bromoform	12.35	173	130952	108.967	ug/l #	100
73) Isopropylbenzene	12.47	105	1185460	110.901	ug/l	100
74) N-amyl acetate	12.28	43	252667	104.096	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	184911	102.817	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	134871m	101.044	ug/l	
77) Bromobenzene	12.76	156	276431	109.181	ug/l	99
78) n-propylbenzene	12.81	91	1388944	107.615	ug/l	99
79) 2-Chlorotoluene	12.90	91	813486	108.455	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	1014576	109.072	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	59129	100.850	ug/l	99
82) 4-Chlorotoluene	12.99	91	846389	106.973	ug/l	100
83) tert-Butylbenzene	13.21	119	862234	110.421	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	1035764	110.132	ug/l	100
85) sec-Butylbenzene	13.39	105	1215656	107.619	ug/l	100
86) p-Isopropyltoluene	13.51	119	1104782	108.786	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	541772	104.905	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	530507	103.421	ug/l	99
89) n-Butylbenzene	13.83	91	1008929	105.949	ug/l	100
90) Hexachloroethane	14.10	117	194463	105.591	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	482485	105.425	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	36111	104.277	ug/l	97

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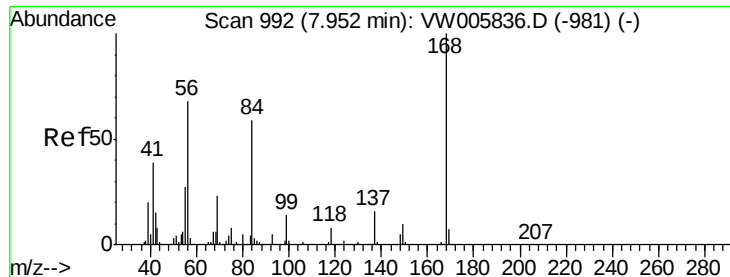
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	349023	107.433	ug/l	99
94) Hexachlorobutadiene	15.24	225	213686	102.077	ug/l	100
95) Naphthalene	15.38	128	644753	116.578	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	315585	109.626	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW005838.D

Acq: 04 Oct 2018 05:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion:168 Resp: 207452

Ion Ratio Lower Upper

168 100

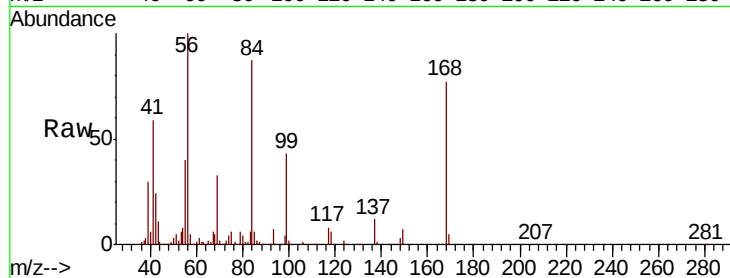
99 56.5 45.4 68.2

Manual Integrations

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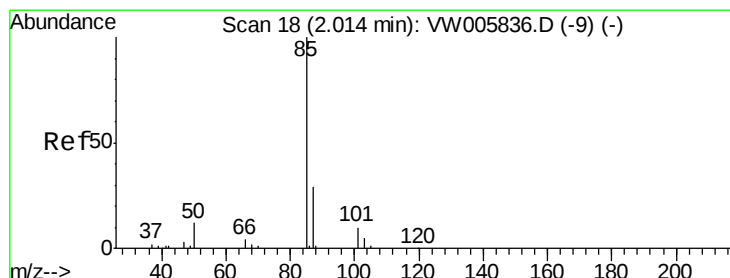
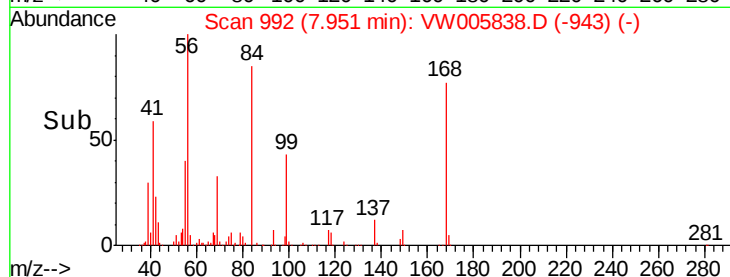
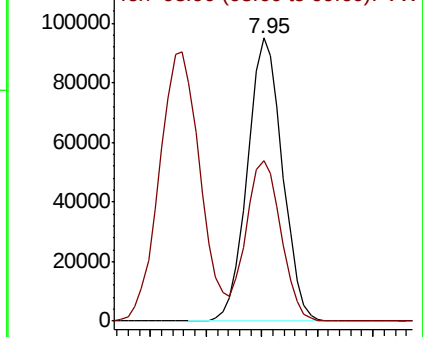
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 86.217 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW005838.D

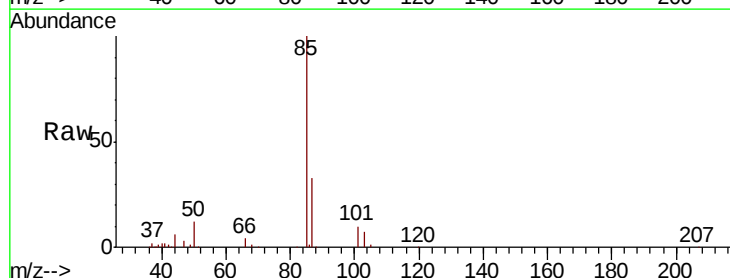
Acq: 04 Oct 2018 05:20

Tgt Ion: 85 Resp: 119550

Ion Ratio Lower Upper

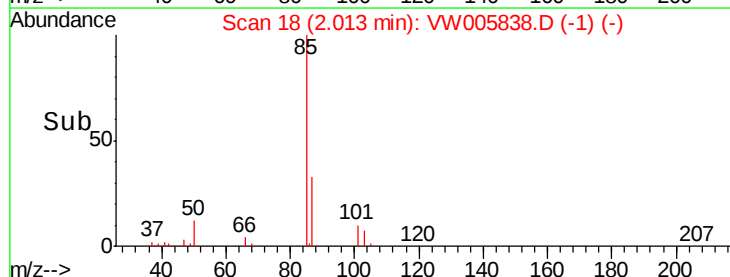
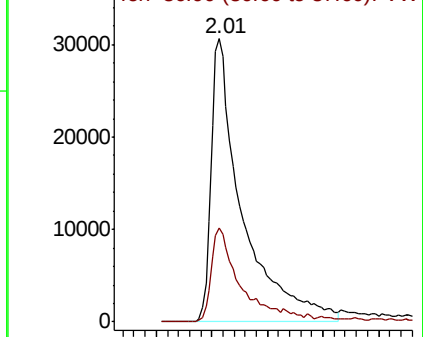
85 100

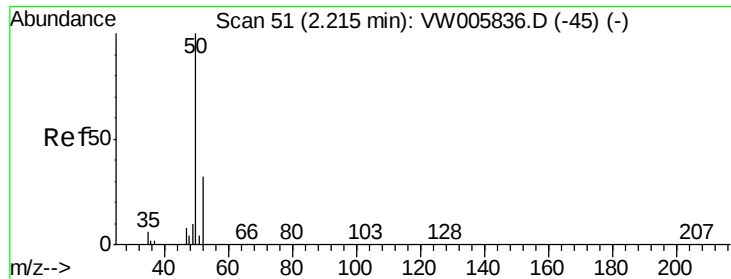
87 33.3 14.8 44.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 85.421 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW005838.D

Acq: 04 Oct 2018 05:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion: 50 Resp: 140035

Ion Ratio Lower Upper

50 100

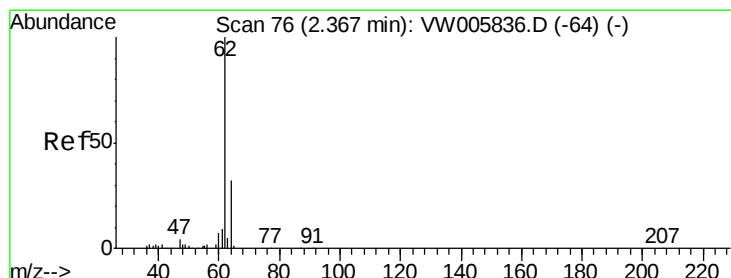
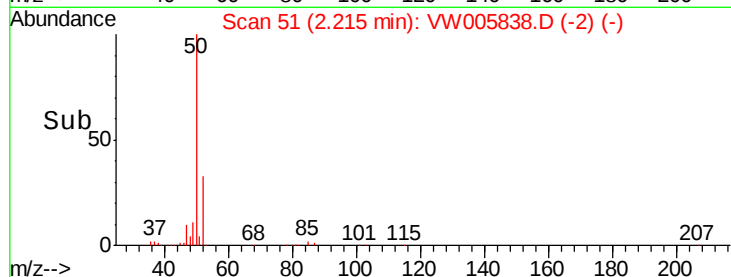
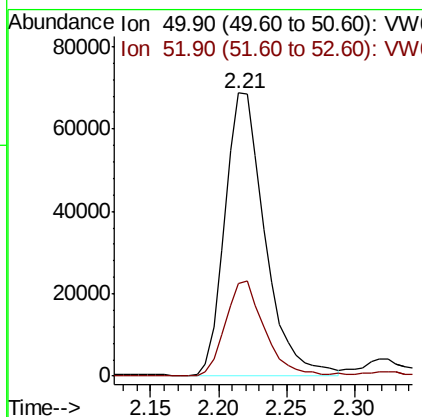
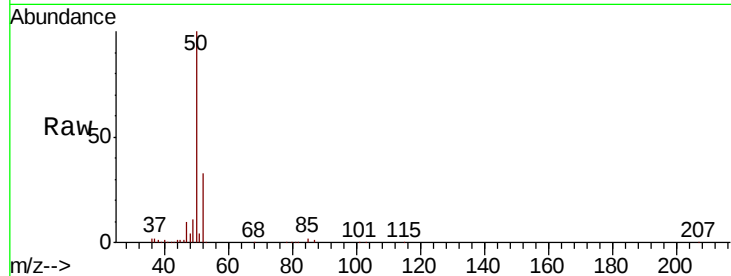
52 33.0 26.0 39.0

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#4

Vinyl Chloride

Concen: 100.831 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW005838.D

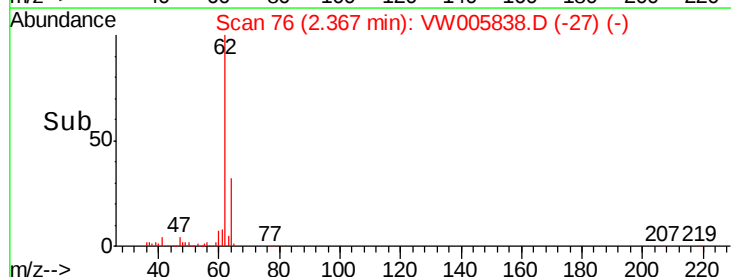
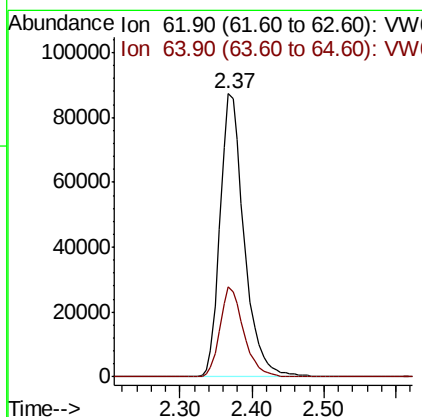
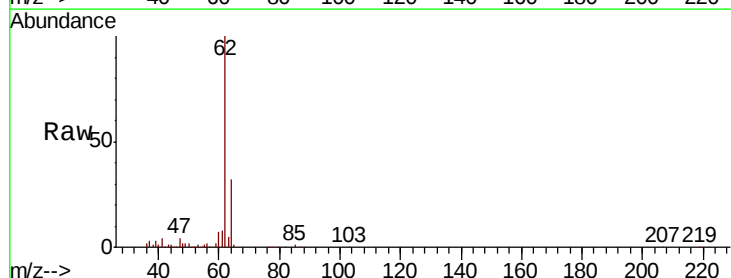
Acq: 04 Oct 2018 05:20

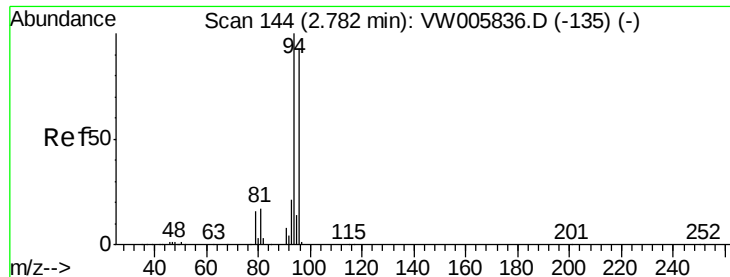
Tgt Ion: 62 Resp: 203479

Ion Ratio Lower Upper

62 100

64 32.0 25.7 38.5





#5

Bromomethane

Concen: 103.097 ug/l

RT: 2.79 min Scan# 145

Delta R.T. 0.01 min

Lab File: VW005838.D

Acq: 04 Oct 2018 05:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion: 94 Resp: 141189

Ion Ratio Lower Upper

94 100

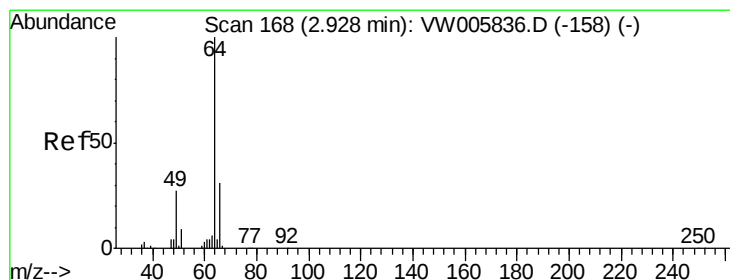
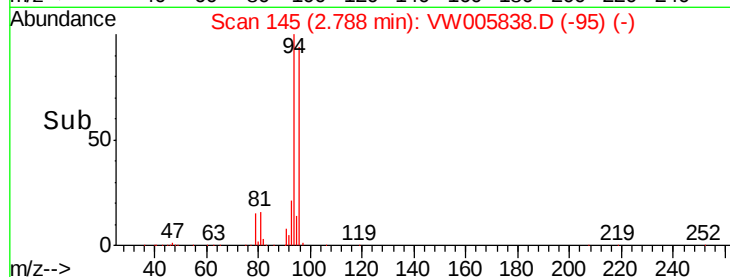
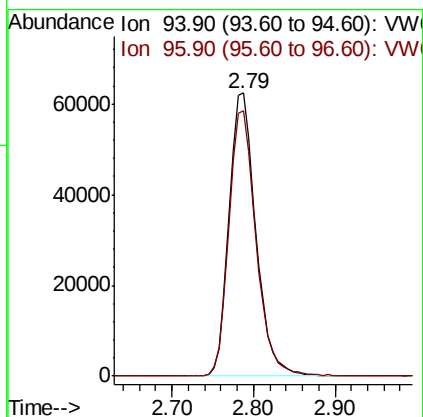
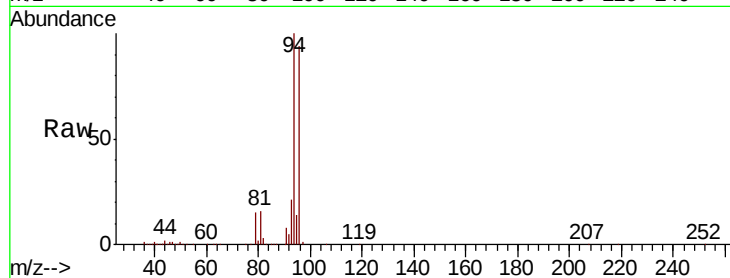
96 93.5 74.5 111.7

Manual Integrations

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#6

Chloroethane

Concen: 98.322 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW005838.D

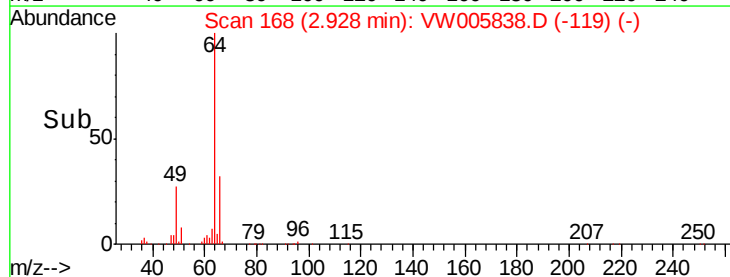
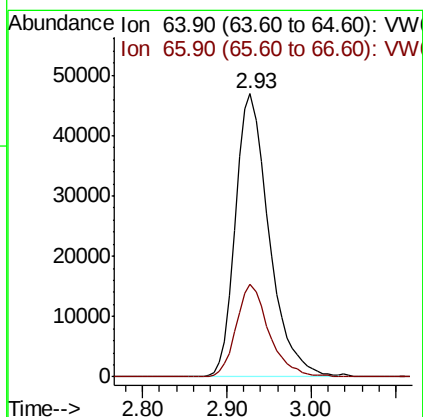
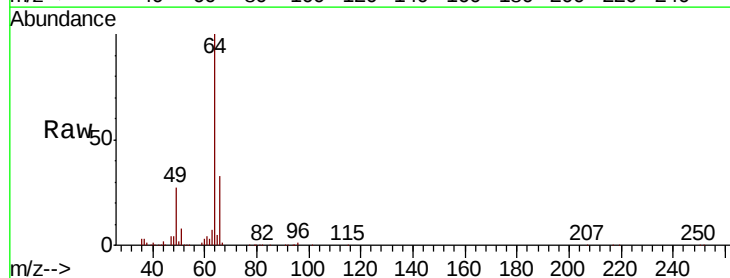
Acq: 04 Oct 2018 05:20

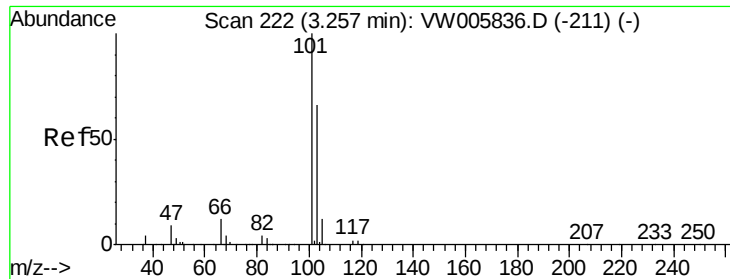
Tgt Ion: 64 Resp: 127143

Ion Ratio Lower Upper

64 100

66 32.4 25.0 37.6





#7

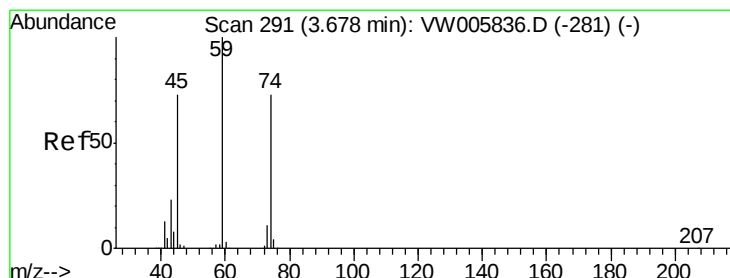
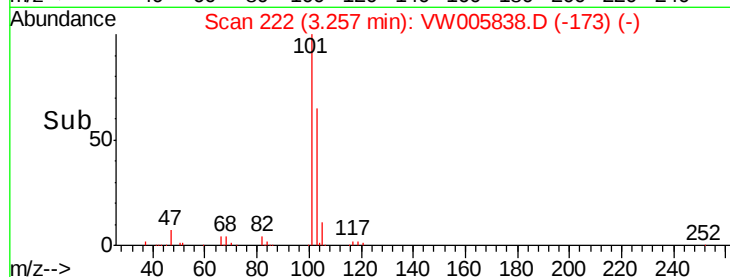
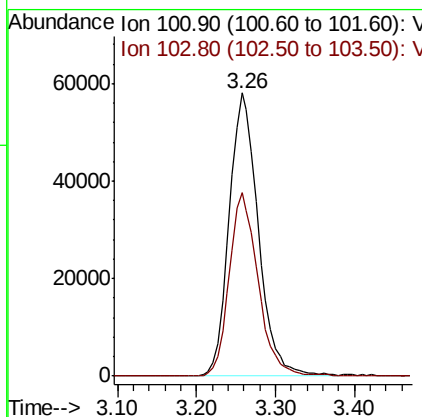
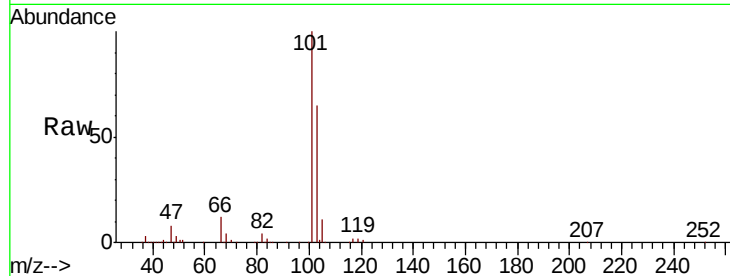
Trichlorofluoromethane
 Concen: 96.121 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW005838.D
 Acq: 04 Oct 2018 05:20

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.8	52.5	78.7

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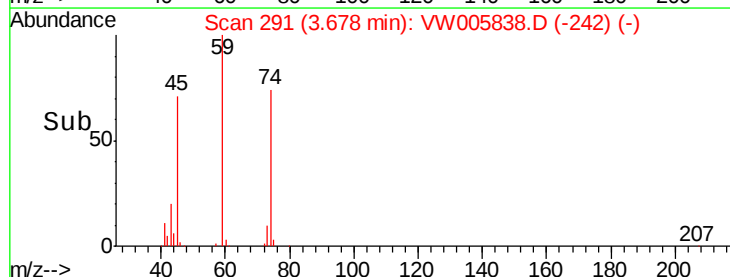
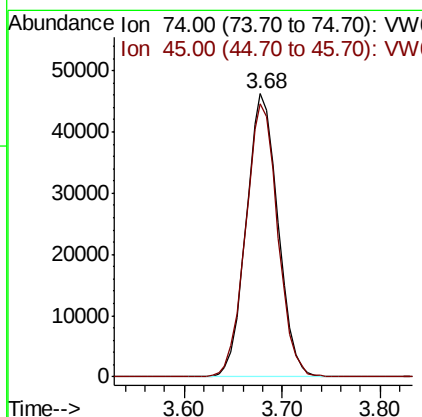
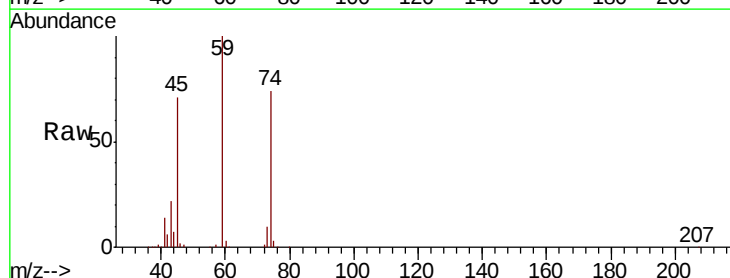
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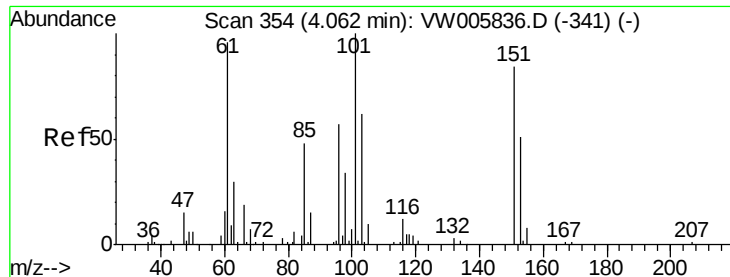


#8

Diethyl Ether
 Concen: 99.880 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW005838.D
 Acq: 04 Oct 2018 05:20

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.8	49.1	147.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 96.018 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW005838.D

Acq: 04 Oct 2018 05:20

Instrument :

MSVOA_W

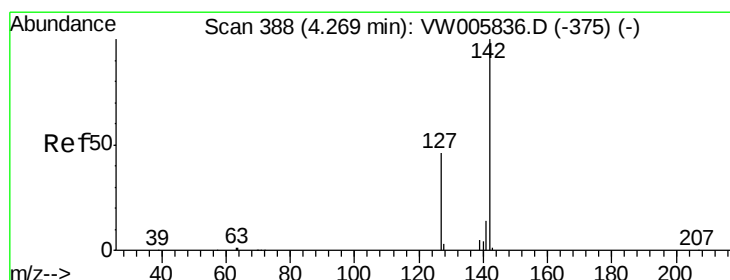
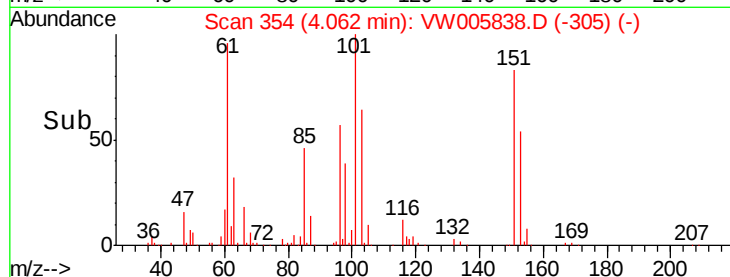
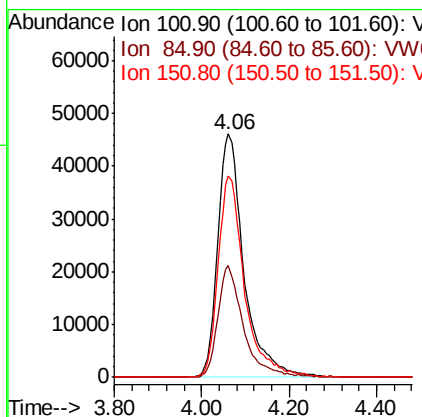
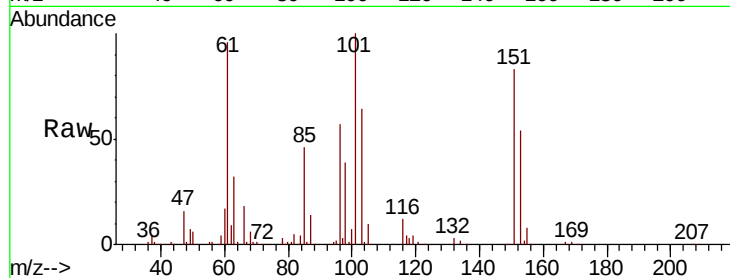
ClientSampleId :

VSTDIC100

Tot Ion:	101	Resp:	190789
Ion Ratio	Lower	Upper	
101	100		
85	44.7	35.5	53.3
151	83.2	67.4	101.2

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#10

Methyl Iodide

Concen: 104.431 ug/l

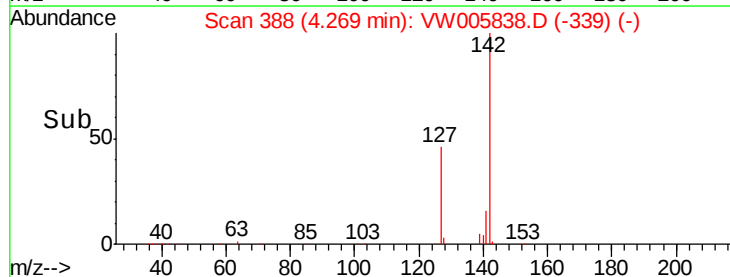
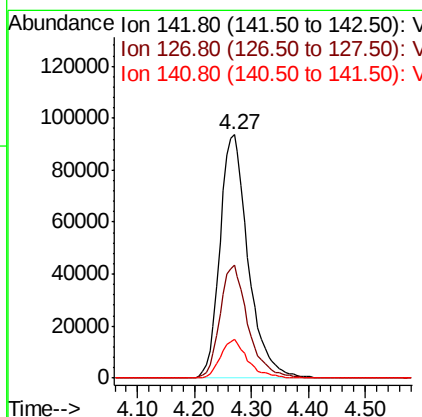
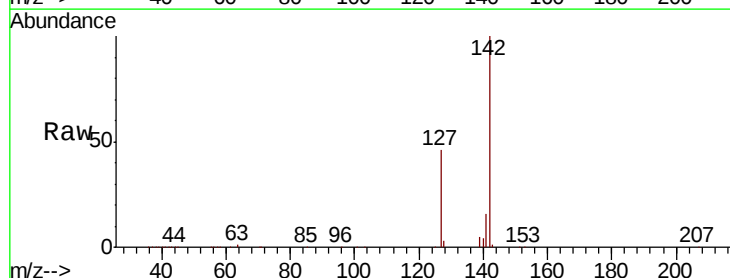
RT: 4.27 min Scan# 388

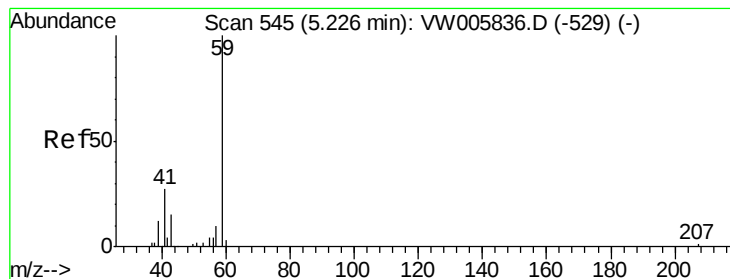
Delta R.T. -0.00 min

Lab File: VW005838.D

Acq: 04 Oct 2018 05:20

Tgt Ion:	142	Resp:	322920
Ion Ratio	Lower	Upper	
142	100		
127	46.1	37.4	56.0
141	15.3	12.2	18.2





#11

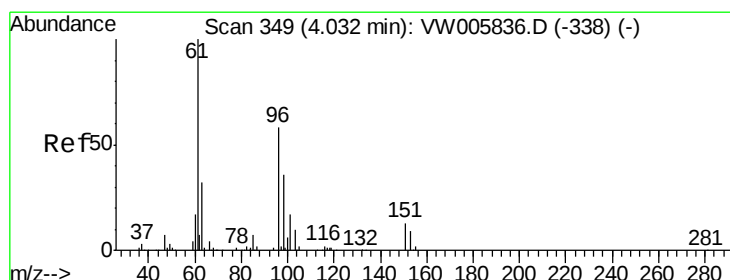
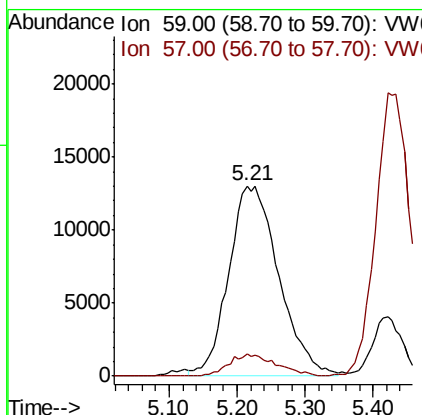
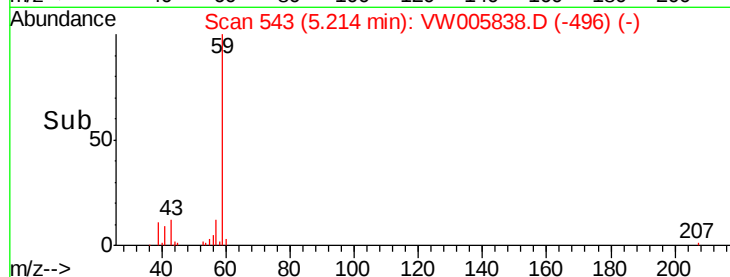
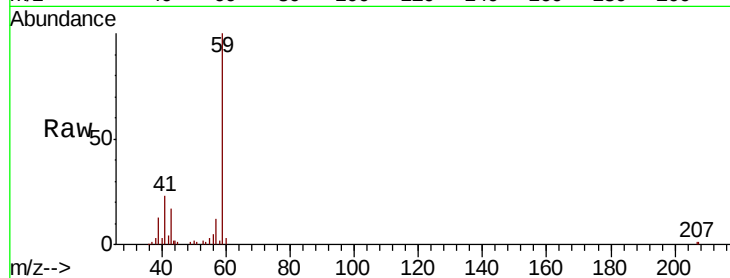
Tert butyl alcohol
Concen: 469.856 ug/l
RT: 5.21 min Scan# 543
Delta R.T. -0.01 min
Lab File: VW005838.D
Acq: 04 Oct 2018 05:20

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.9	4.9	7.3#

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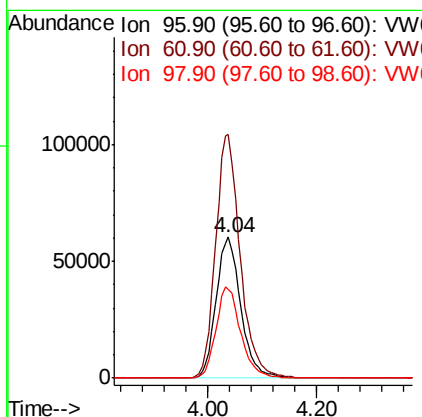
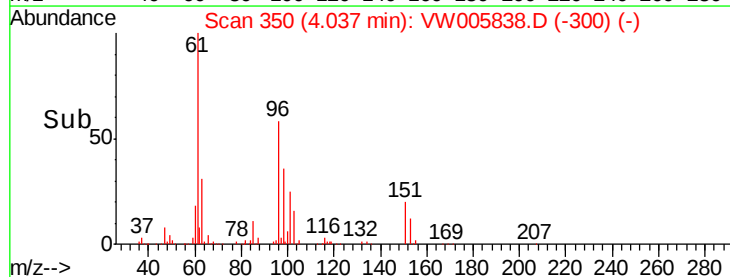
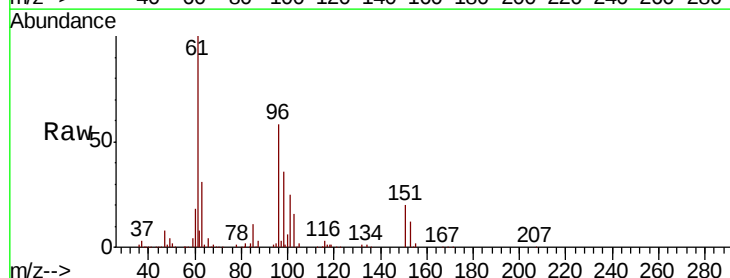
apatel
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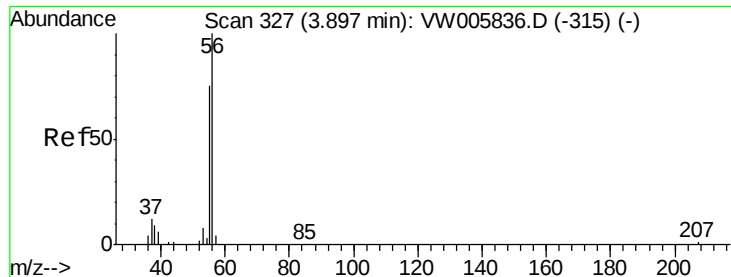


#12

1,1-Dichloroethene
Concen: 99.370 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.01 min
Lab File: VW005838.D
Acq: 04 Oct 2018 05:20

Tgt Ion	Ratio	Lower	Upper
96	100		
61	172.8	138.8	208.2
98	62.8	50.6	75.8





#13

Acrolein

Concen: 622.563 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW005838.D

Acq: 04 Oct 2018 05:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion: 56 Resp: 68696

Ion Ratio Lower Upper

56 100

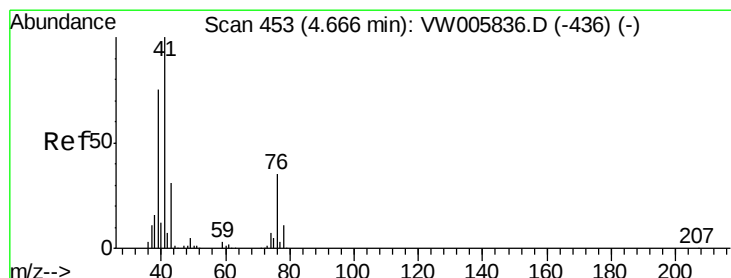
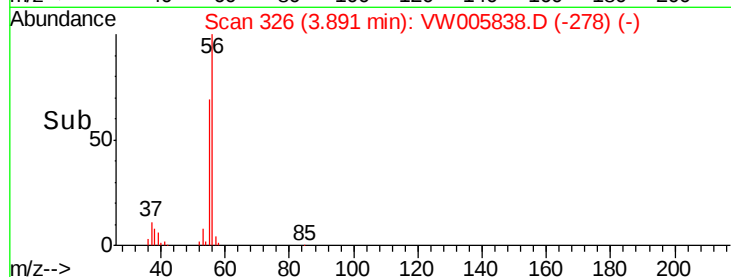
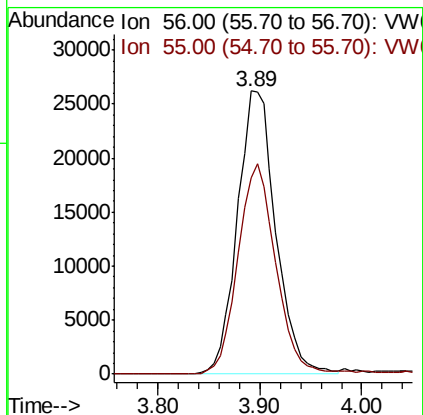
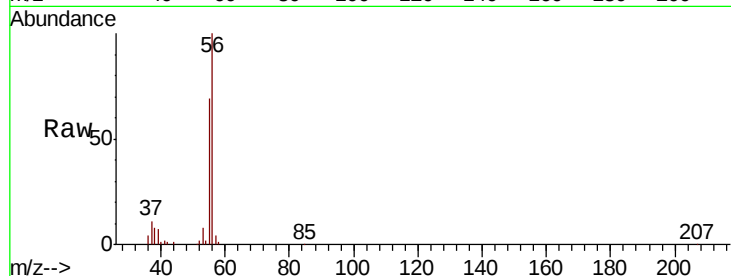
55 73.3 59.2 88.8

Manual Integrations

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#14

Allyl chloride

Concen: 98.440 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW005838.D

Acq: 04 Oct 2018 05:20

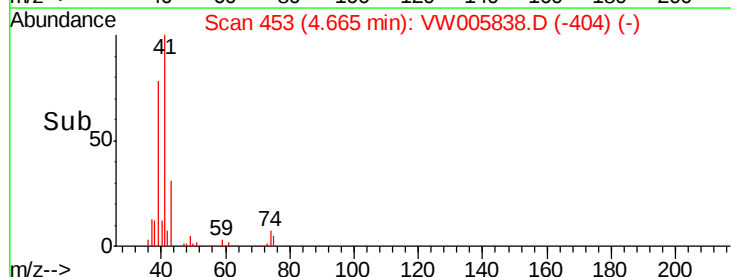
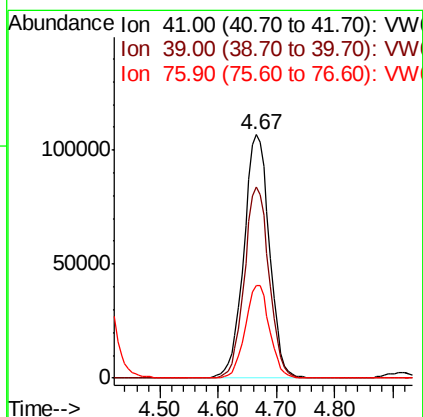
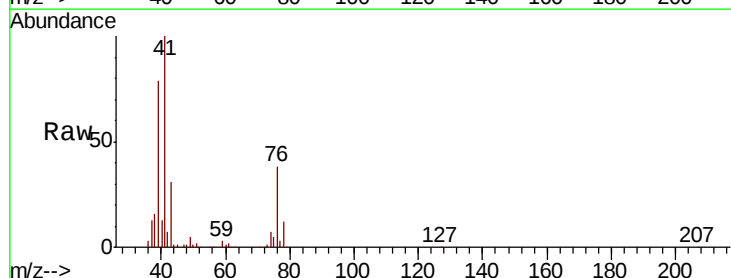
Tgt Ion: 41 Resp: 324663

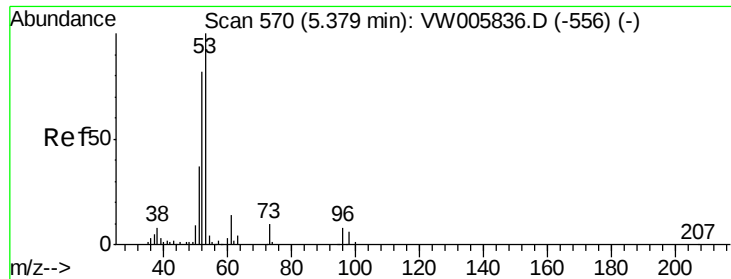
Ion Ratio Lower Upper

41 100

39 75.9 60.3 90.5

76 36.1 28.9 43.3





#15

Acrylonitrile

Concen: 478.276 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.01 min

Lab File: VW005838.D

Acq: 04 Oct 2018 05:20

Instrument :

MSVOA_W

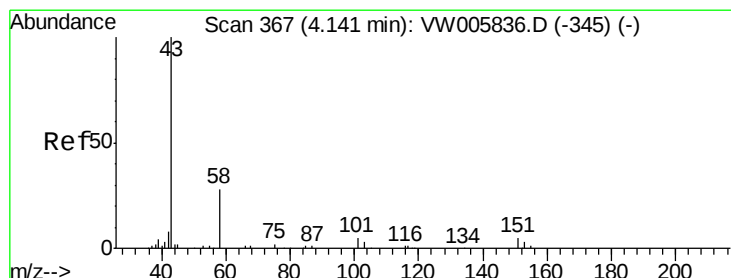
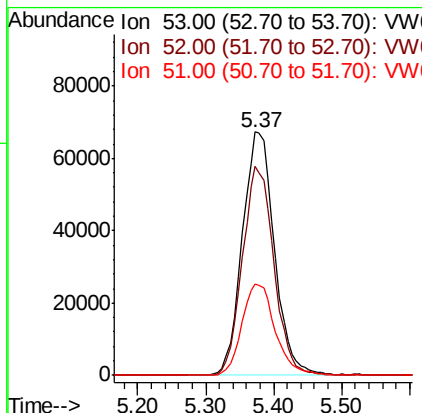
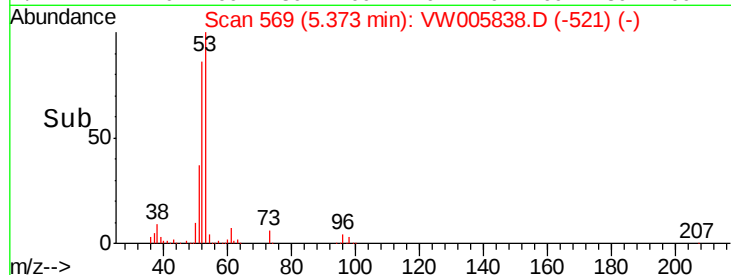
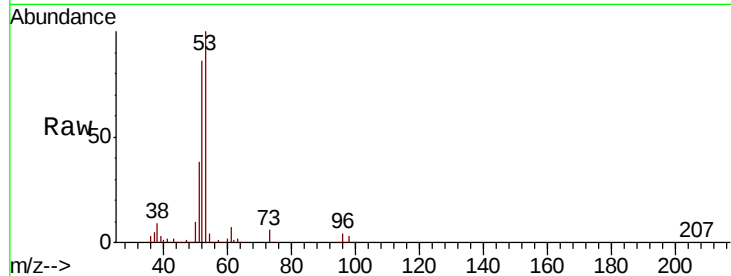
ClientSampleId :

VSTDIC100

Tot Ion:	53	Resp:	221048
Ion Ratio	Lower	Upper	
53	100		
52	84.3	67.3	100.9
51	38.8	30.2	45.2

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#16

Acetone

Concen: 413.729 ug/l

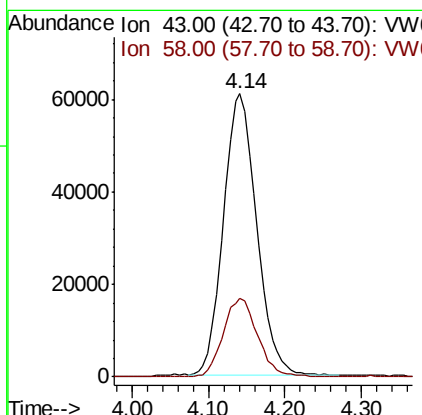
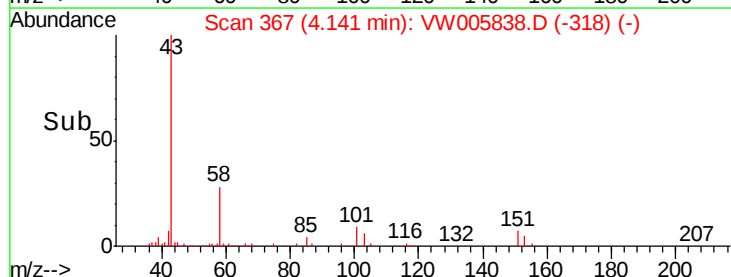
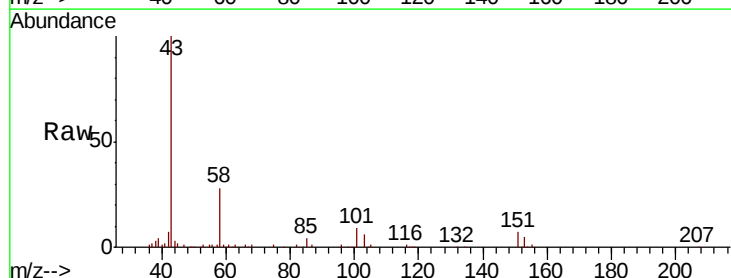
RT: 4.14 min Scan# 367

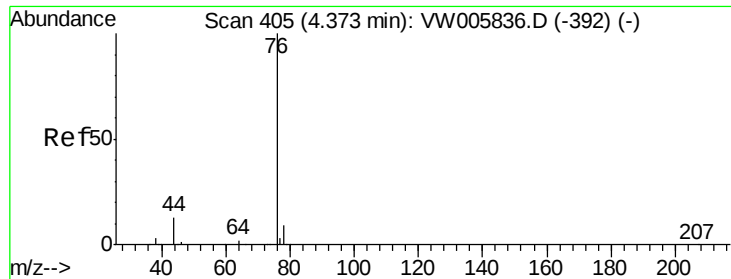
Delta R.T. -0.00 min

Lab File: VW005838.D

Acq: 04 Oct 2018 05:20

Tgt Ion:	43	Resp:	182002
Ion Ratio	Lower	Upper	
43	100		
58	27.7	23.0	34.4





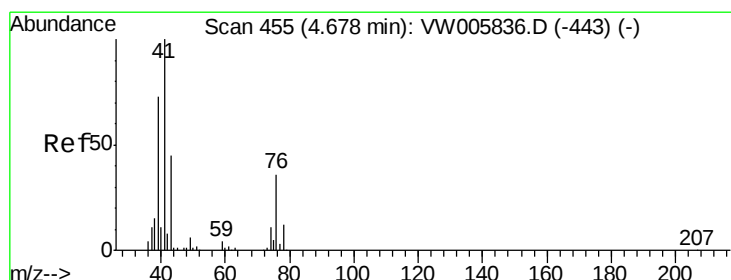
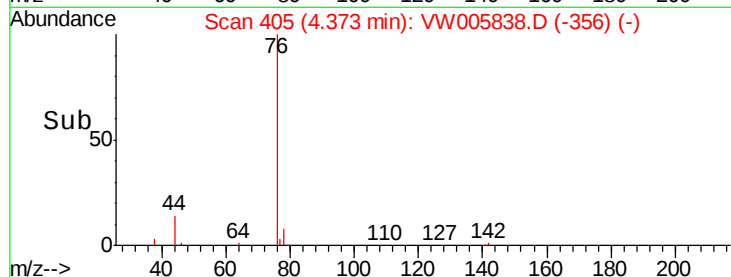
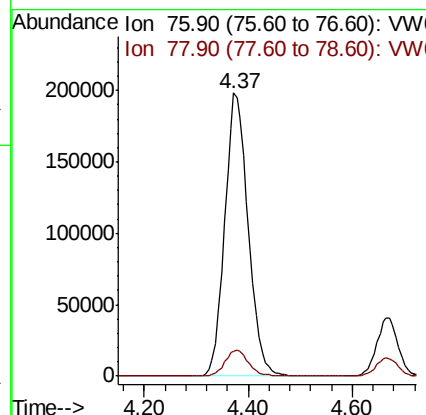
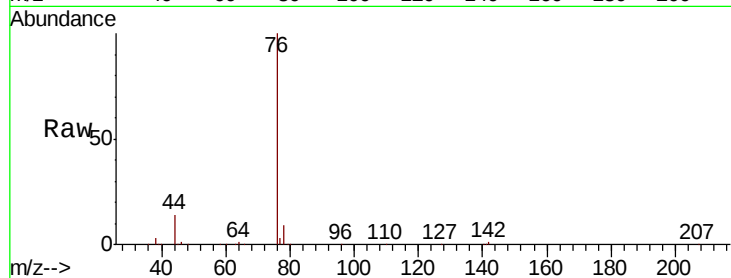
#17
Carbon Disulfide
Concen: 103.243 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: VW005838.D
Acq: 04 Oct 2018 05:20

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.0	10.6

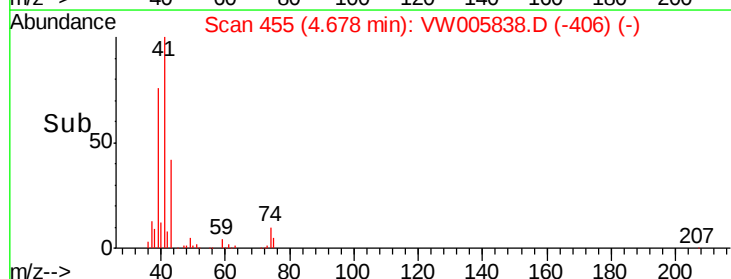
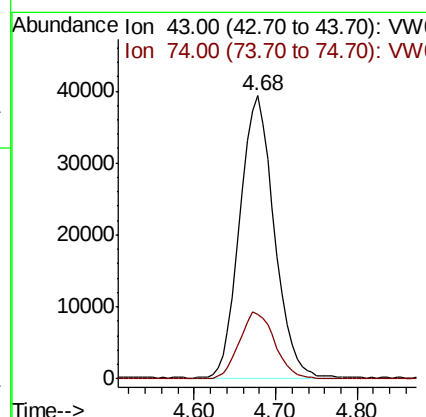
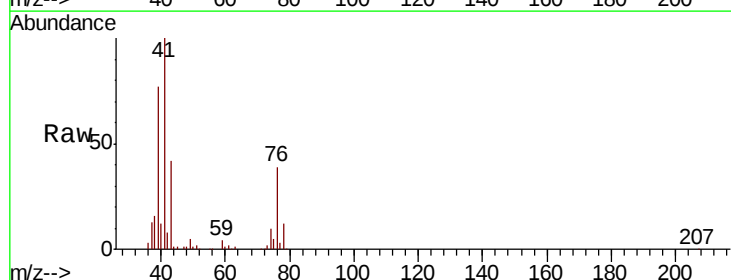
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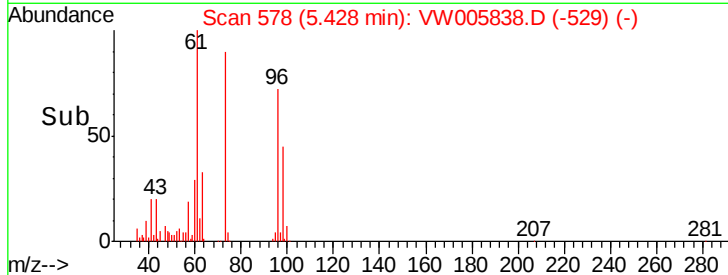
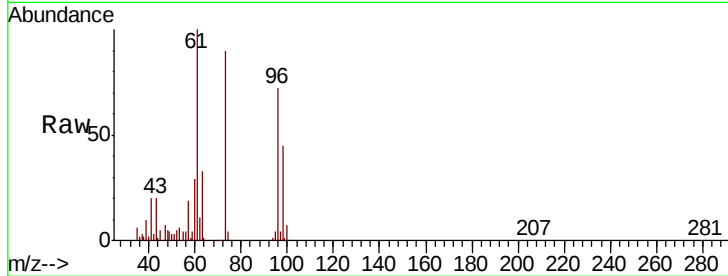
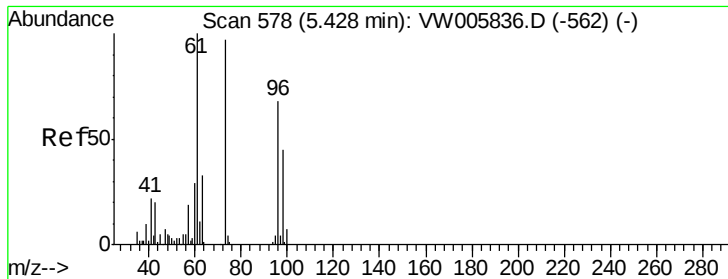
apatel
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#18
Methyl Acetate
Concen: 97.073 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.00 min
Lab File: VW005838.D
Acq: 04 Oct 2018 05:20

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.4	19.5	29.3





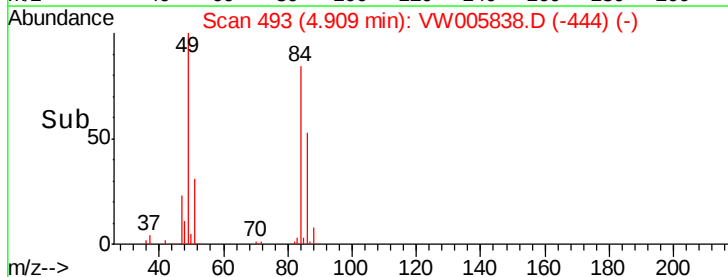
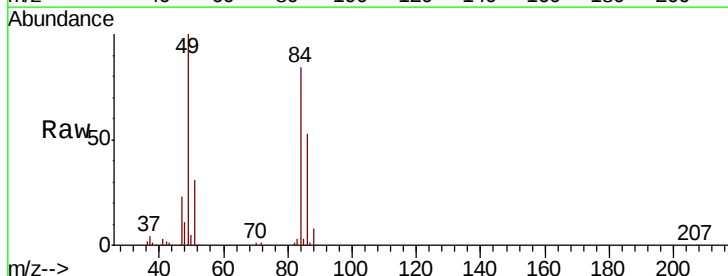
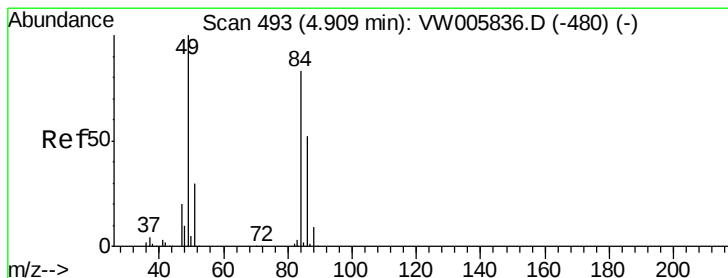
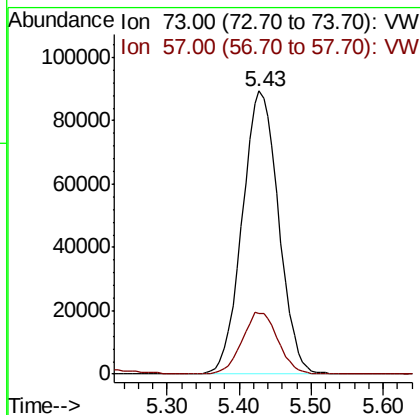
#19
Methvl tert-butvl Ether
Concen: 104.617 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW005838.D
Acq: 04 Oct 2018 05:20

Tot Ion	73	Resp	312859
Ion Ratio	100	Lower	Upper
73	100		
57	21.5	15.9	23.9

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

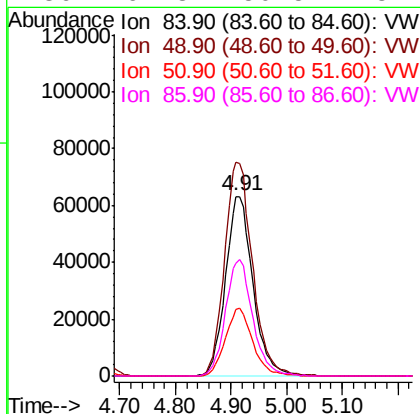
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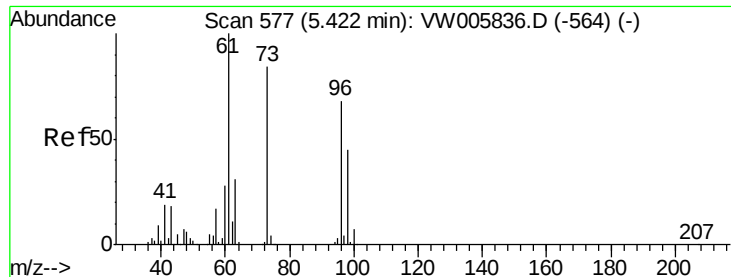
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#20
Methylene Chloride
Concen: 86.382 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.00 min
Lab File: VW005838.D
Acq: 04 Oct 2018 05:20

Tgt Ion	84	Resp	214908
Ion Ratio	100	Lower	Upper
84	100		
49	119.0	96.8	145.2
51	37.3	28.8	43.2
86	62.8	50.5	75.7





#21

trans-1,2-Dichloroethene

Concen: 103.237 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW005838.D

Acq: 04 Oct 2018 05:20

Instrument :

MSVOA_W

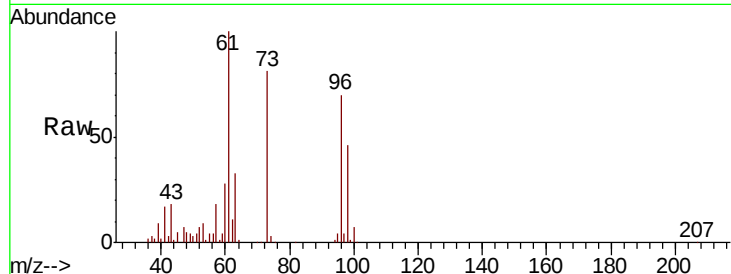
ClientSampleId :

VSTDIC100

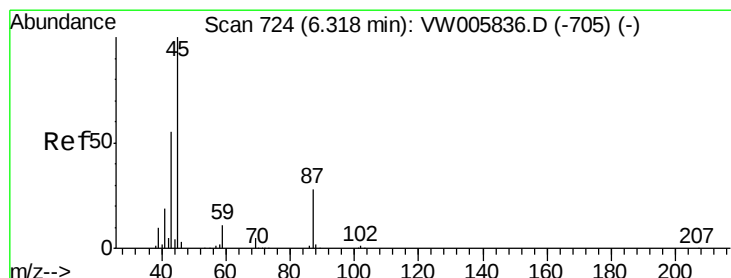
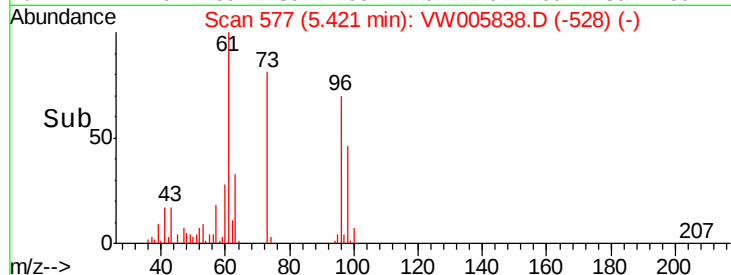
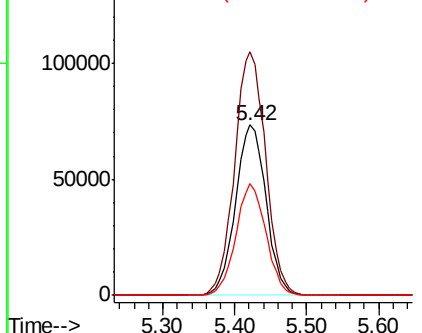
Tot Ion:	96	Resp:	216518
Ion	Ratio	Lower	Upper
96	100		
61	143.0	117.0	175.6
98	65.4	52.2	78.2

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Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 100.429 ug/l

RT: 6.31 min Scan# 723

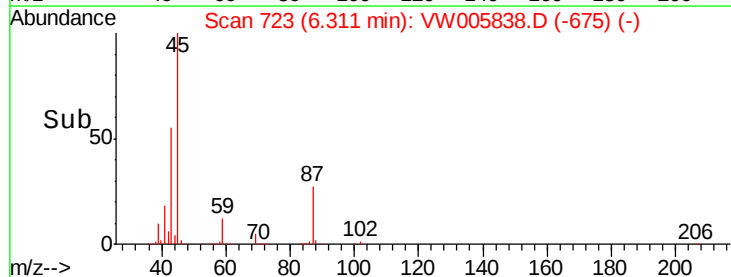
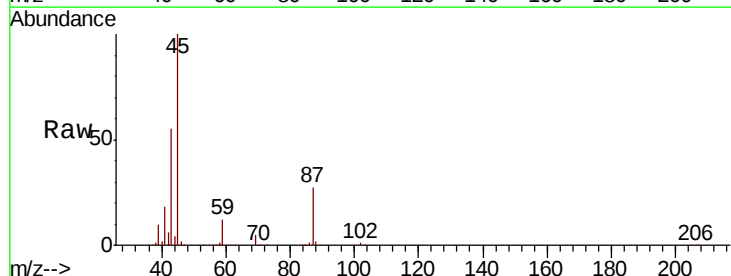
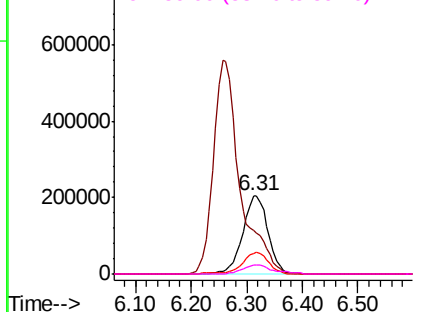
Delta R.T. -0.01 min

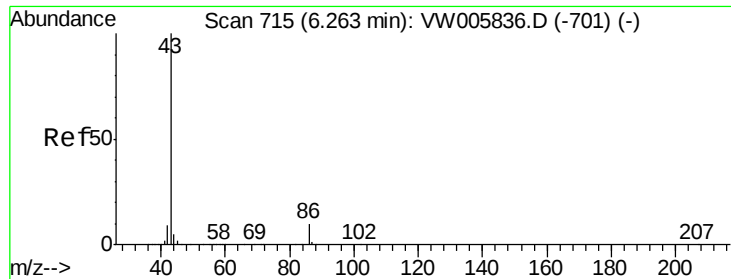
Lab File: VW005838.D

Acq: 04 Oct 2018 05:20

Tgt Ion:	45	Resp:	645238
Ion	Ratio	Lower	Upper
45	100		
43	54.7	44.6	67.0
87	27.0	23.4	35.2
59	11.6	9.0	13.6

Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW





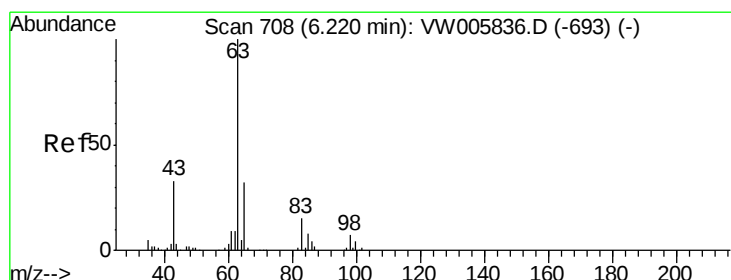
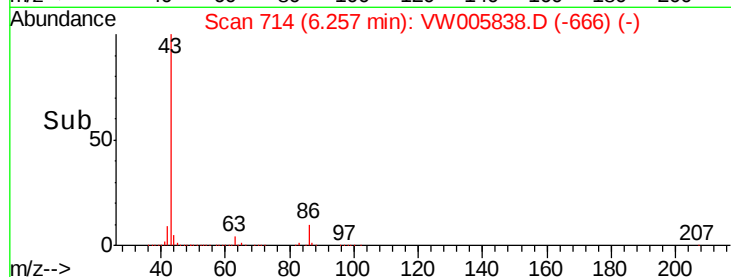
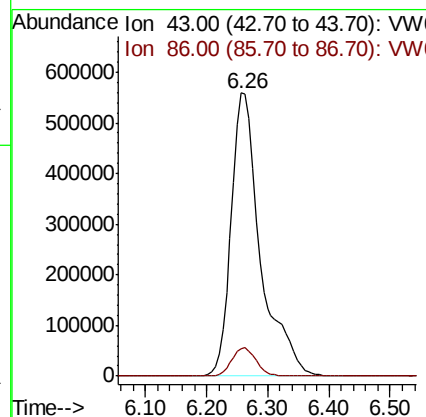
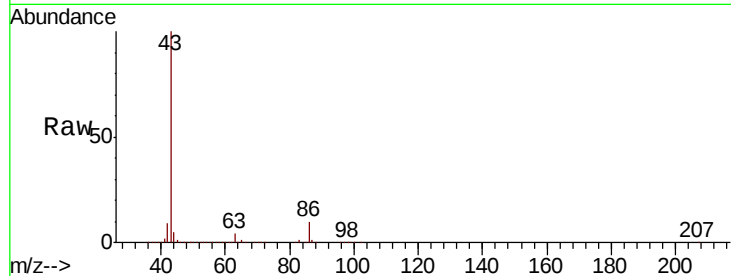
#23
 Vinyl Acetate
 Concen: 502.781 ug/l
 RT: 6.26 min Scan# 714
 Delta R.T. -0.01 min
 Lab File: VW005838.D
 Acq: 04 Oct 2018 05:20

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion: 43 Resp: 1856058
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.1 12.1

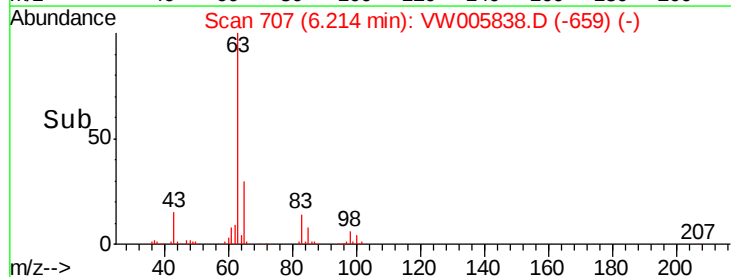
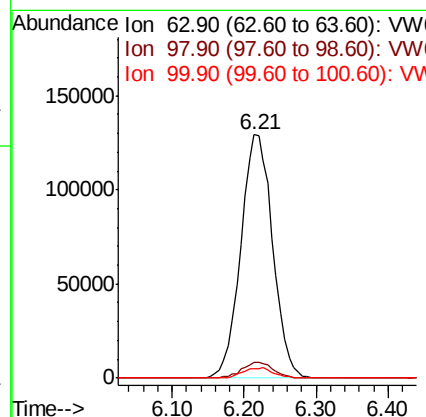
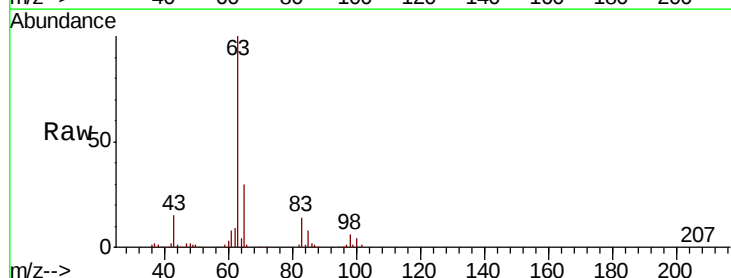
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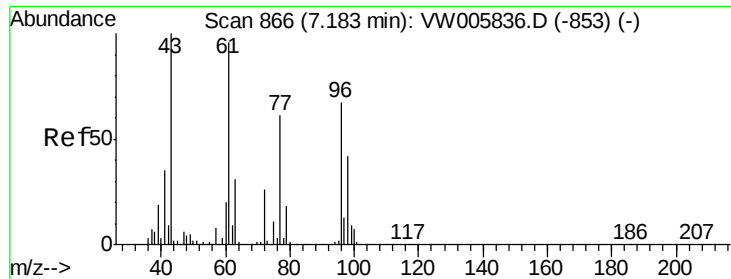
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#24
 1,1-Dichloroethane
 Concen: 99.368 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. -0.01 min
 Lab File: VW005838.D
 Acq: 04 Oct 2018 05:20

Tgt Ion: 63 Resp: 396415
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.5 10.5
 100 3.9 2.0 6.0





#25

2-Butanone

Concen: 459.024 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: VW005838.D

Acq: 04 Oct 2018 05:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 277093

Ion Ratio Lower Upper

43 100

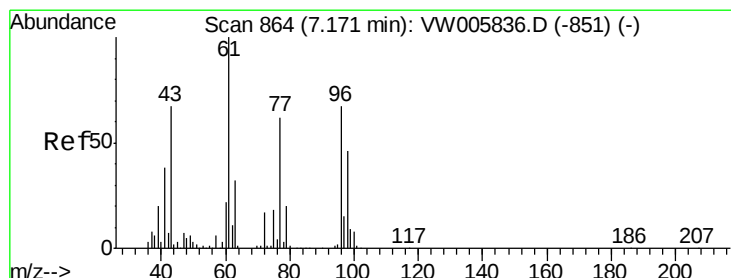
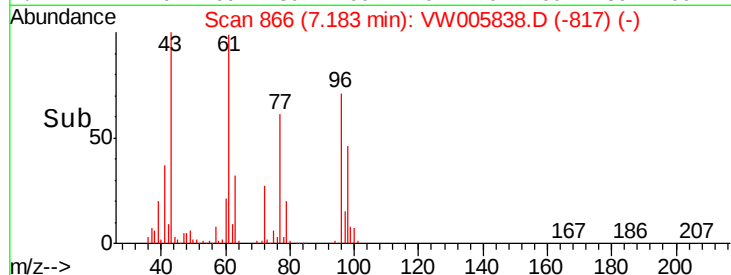
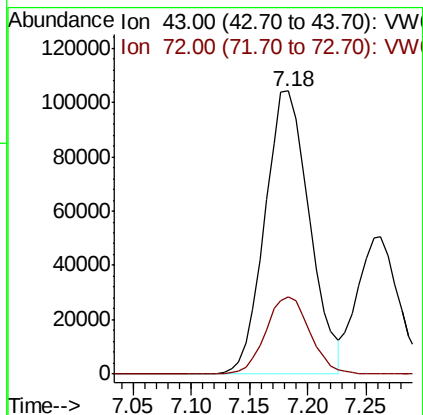
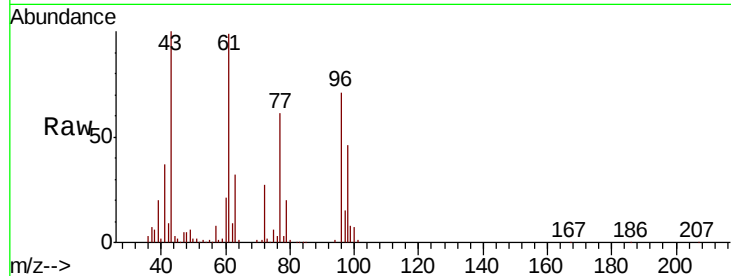
72 27.4 20.9 31.3

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 84.822 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW005838.D

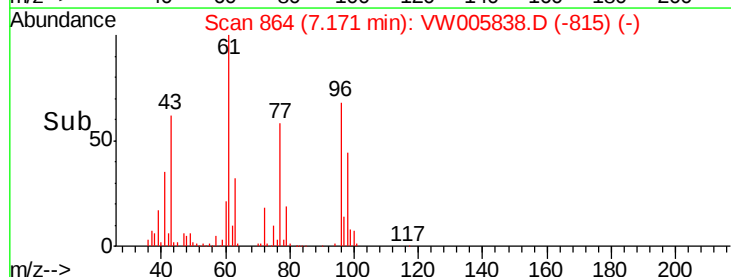
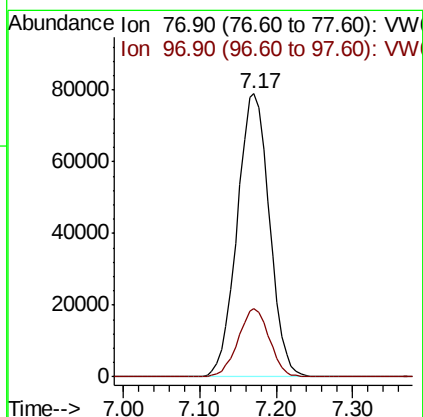
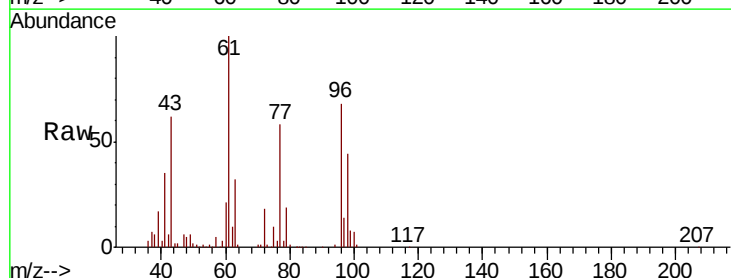
Acq: 04 Oct 2018 05:20

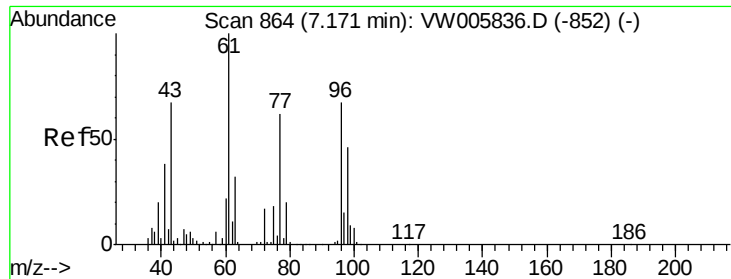
Tgt Ion: 77 Resp: 231649

Ion Ratio Lower Upper

77 100

97 23.4 11.7 35.0





#27

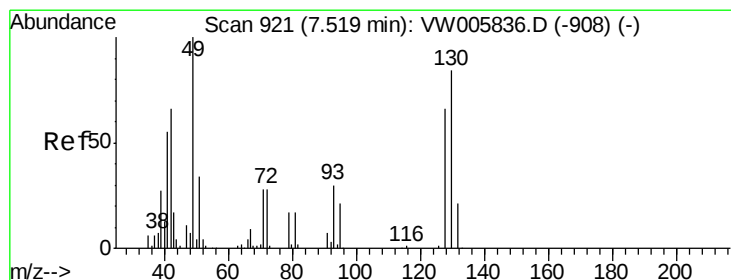
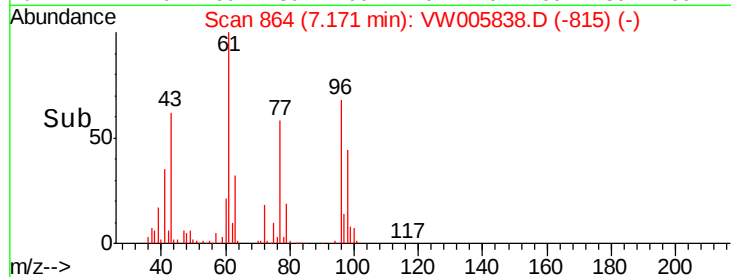
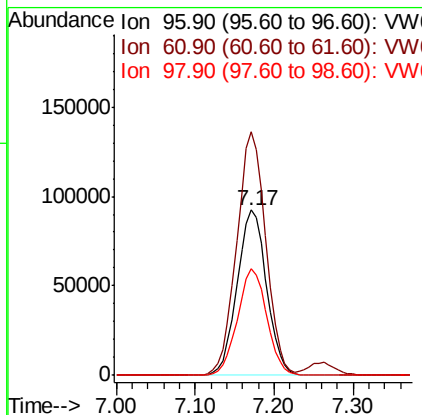
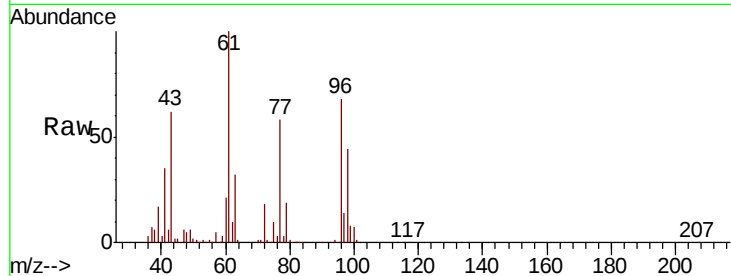
cis-1,2-Dichloroethene
Concen: 103.852 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW005838.D
Acq: 04 Oct 2018 05:20

Instrument :
MSVOA_W
ClientSampled :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	145.9	0.0	296.4	
98	64.3	0.0	131.4	

Manual Integrations
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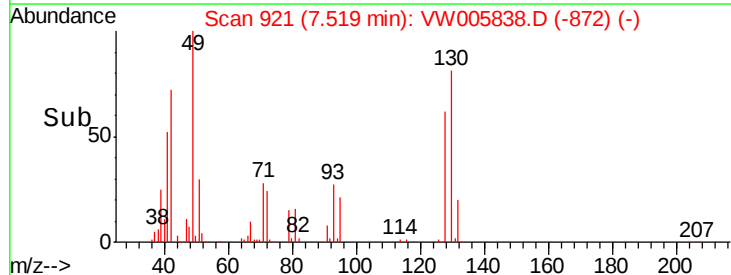
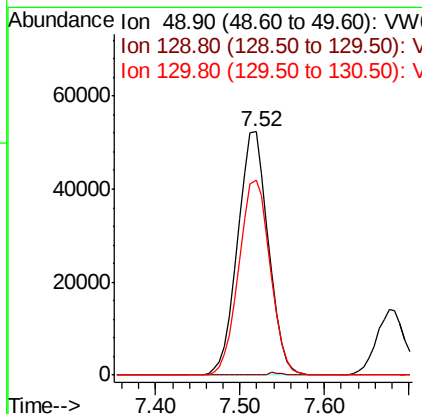
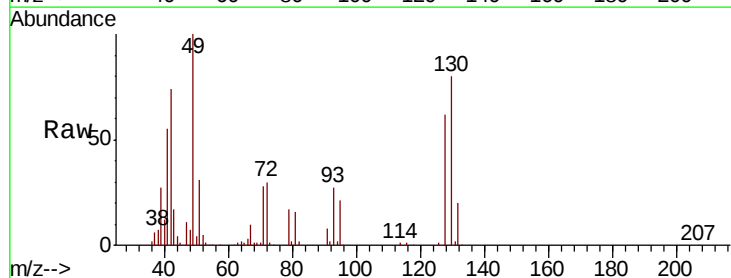
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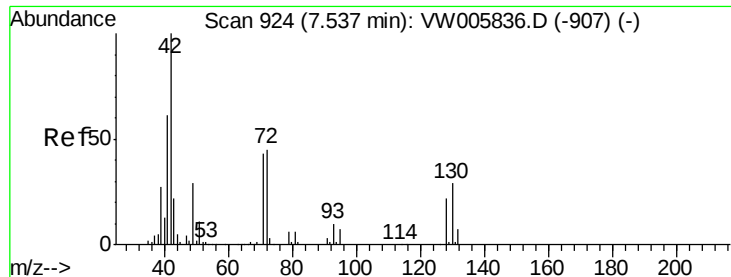


#28

Bromochloromethane
Concen: 82.798 ug/l
RT: 7.52 min Scan# 921
Delta R.T. -0.00 min
Lab File: VW005838.D
Acq: 04 Oct 2018 05:20

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	0.4	0.0	2.2	
130	81.9	66.4	99.6	





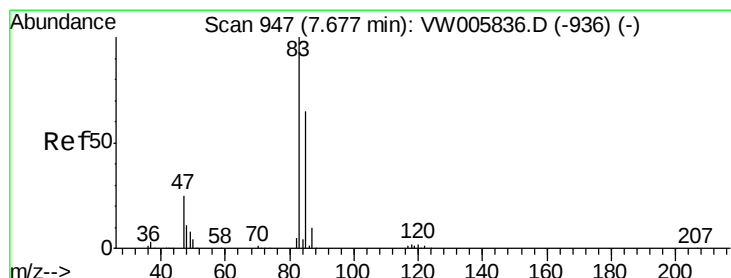
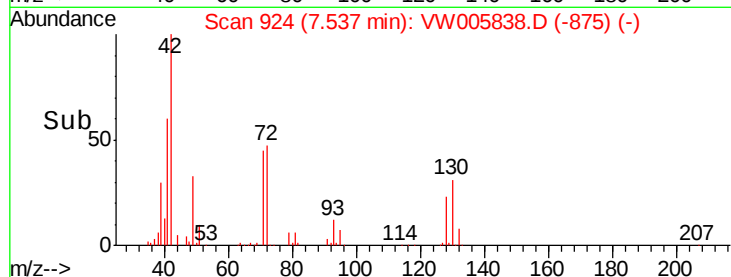
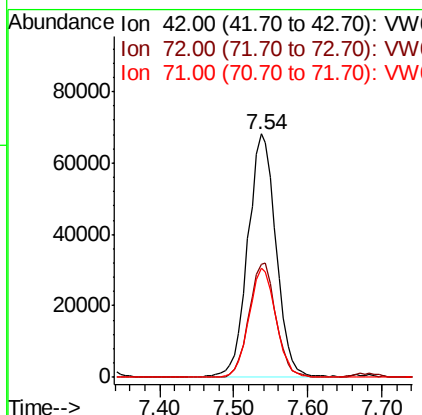
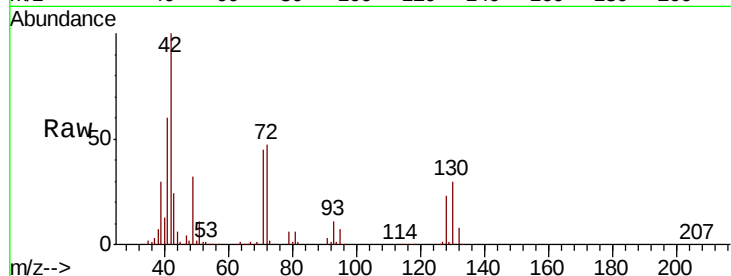
#29
Tetrahydrofuran
Concen: 479.941 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW005838.D
Acq: 04 Oct 2018 05:20

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.7	34.6	51.8
71	42.8	33.6	50.4

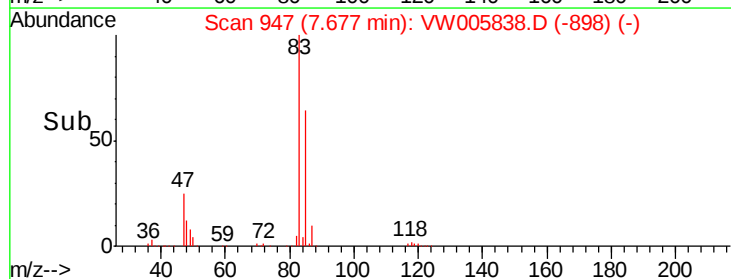
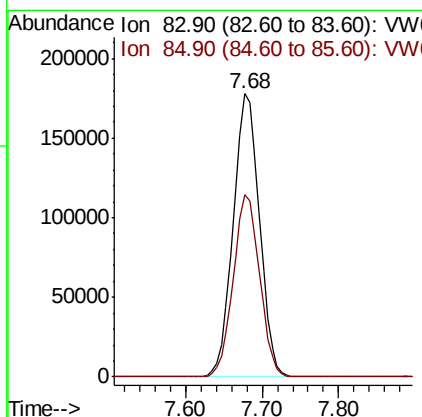
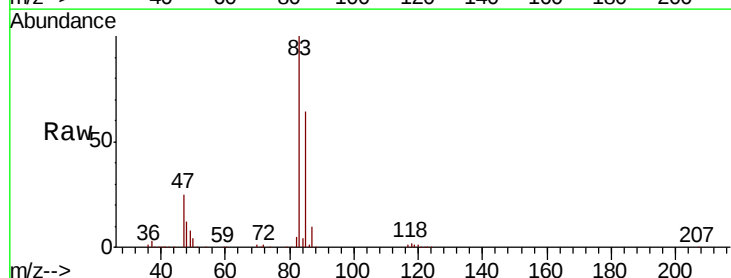
Manual Integrations
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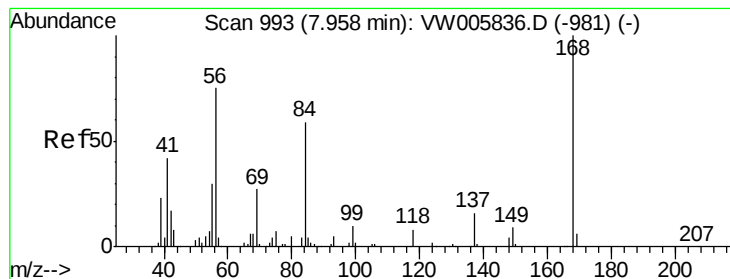
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#30
Chloroform
Concen: 102.253 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW005838.D
Acq: 04 Oct 2018 05:20

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.6	77.4





#31

Cyclohexane

Concen: 89.753 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005838.D

Acq: 04 Oct 2018 05:20

Instrument :

MSVOA_W

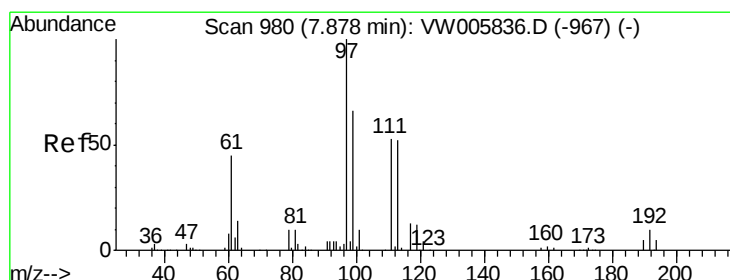
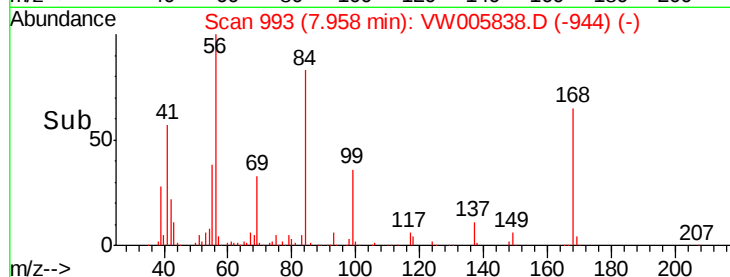
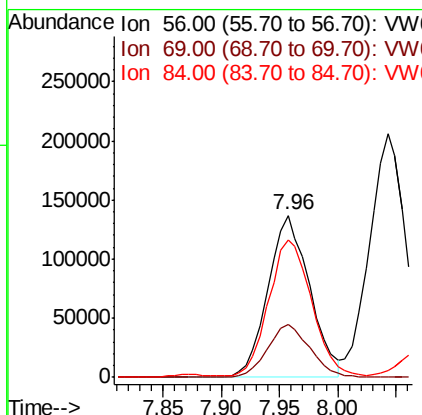
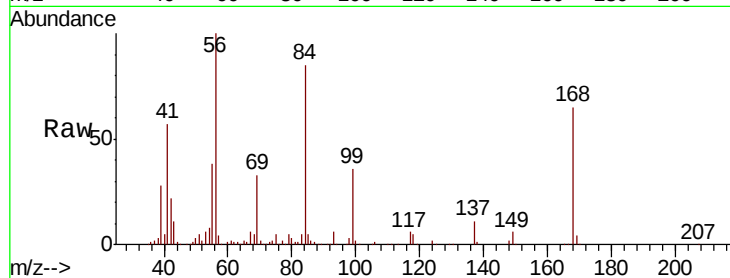
ClientSampled :

VSTDIC100

Tot Ion:	56	Resp:	339677
Ion Ratio	Lower	Upper	
56	100		
69	32.7	29.0	43.4
84	83.4	63.5	95.3

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 100.048 ug/l

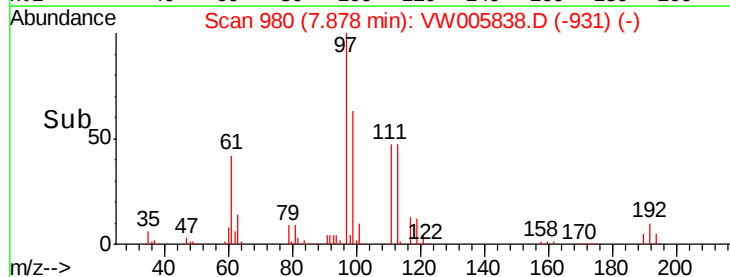
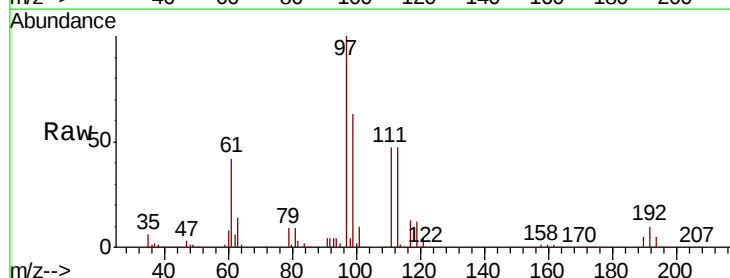
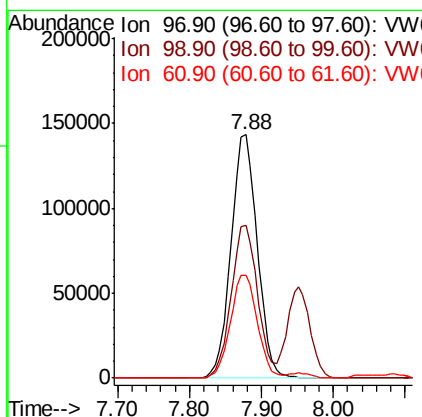
RT: 7.88 min Scan# 980

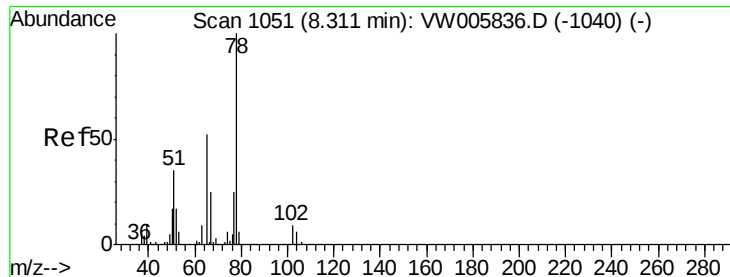
Delta R.T. -0.00 min

Lab File: VW005838.D

Acq: 04 Oct 2018 05:20

Tgt Ion:	97	Resp:	363699
Ion Ratio	Lower	Upper	
97	100		
99	63.6	51.2	76.8
61	43.6	35.5	53.3





#33

1,2-Dichloroethane-d4

Concen: 95.816 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005838.D

Acq: 04 Oct 2018 05:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion: 65 Resp: 235775

Ion Ratio Lower Upper

65 100

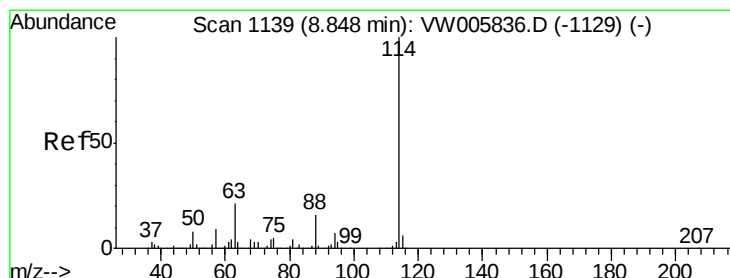
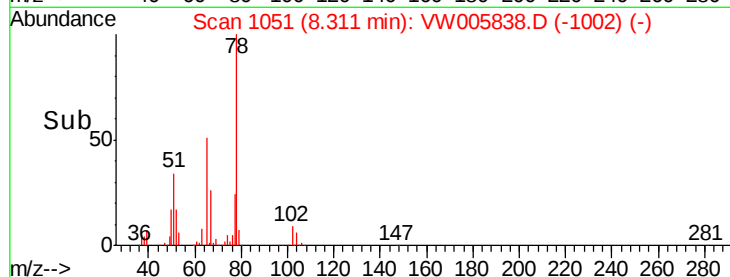
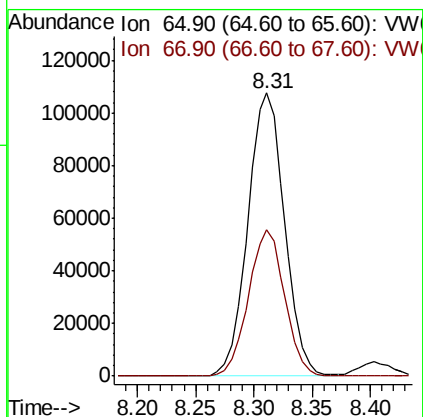
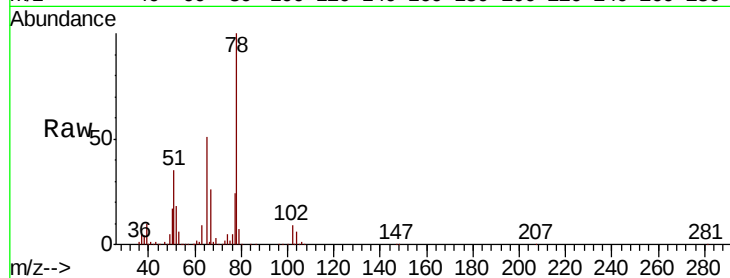
67 51.1 0.0 98.0

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: VW005838.D

Acq: 04 Oct 2018 05:20

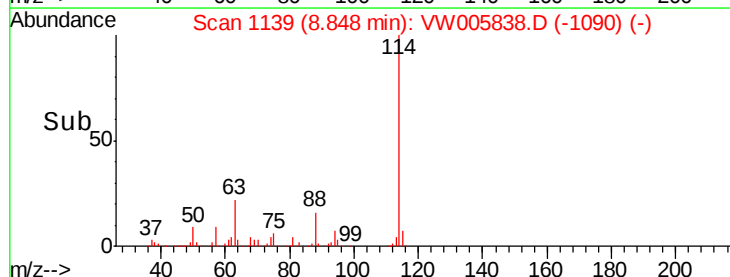
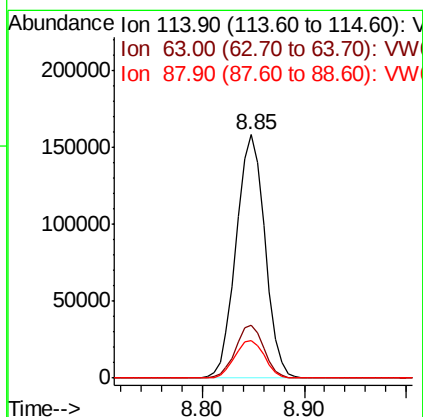
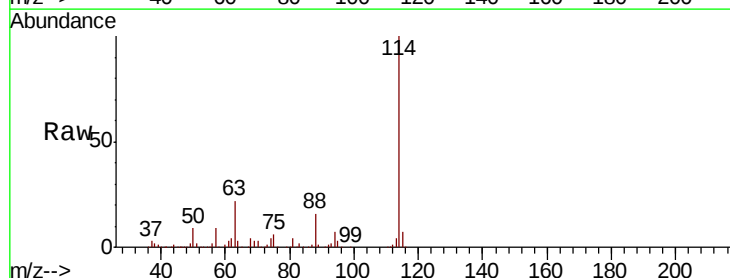
Tgt Ion: 114 Resp: 309658

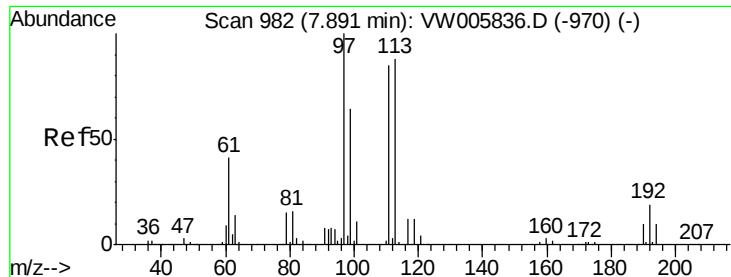
Ion Ratio Lower Upper

114 100

63 21.5 0.0 42.0

88 15.6 0.0 31.2





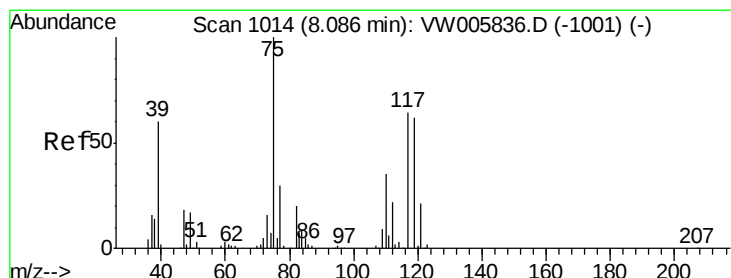
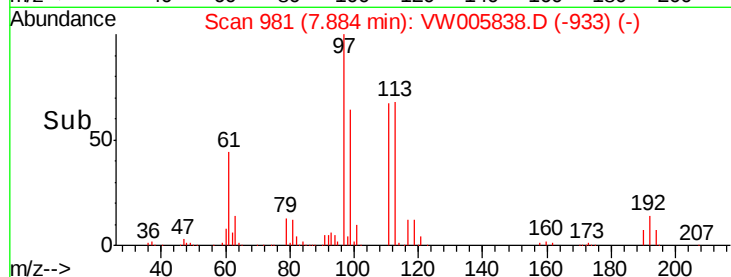
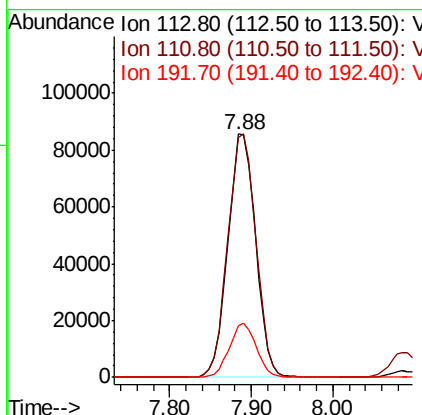
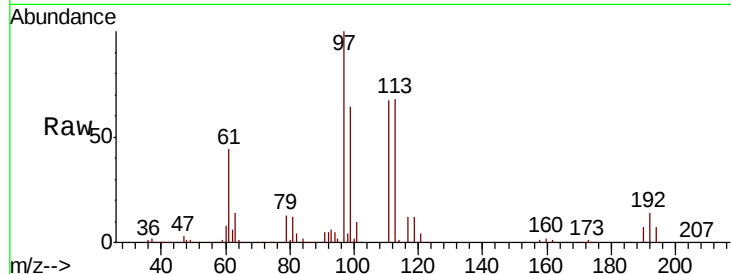
#35
 Dibromofluoromethane
 Concen: 102.134 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW005838.D
 Acq: 04 Oct 2018 05:20

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
113	100	200311		
111	101.5	81.4	122.2	
192	21.5	17.3	25.9	

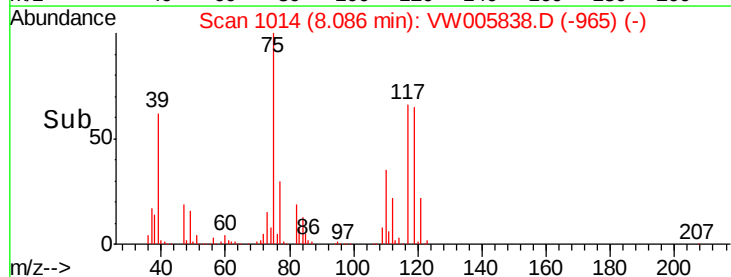
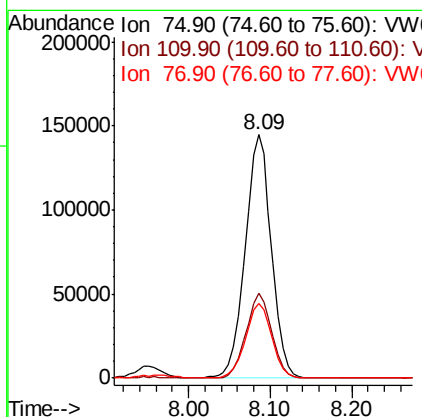
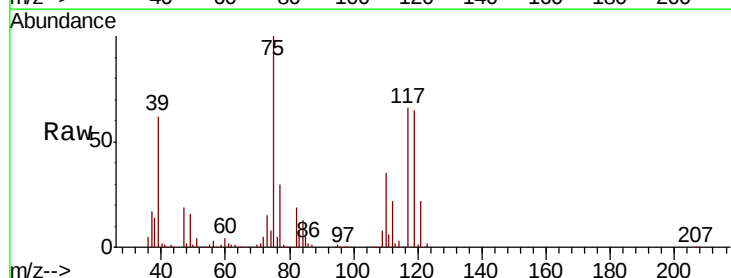
Manual Integrations
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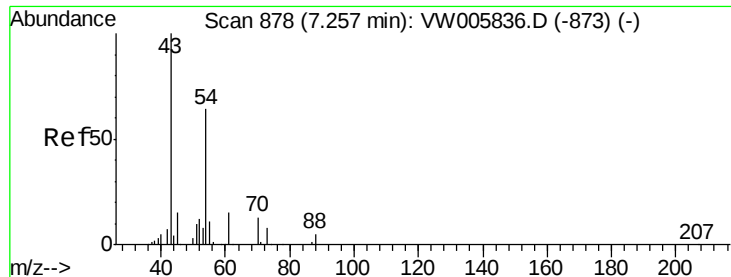
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#36
 1,1-Dichloropropene
 Concen: 102.391 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW005838.D
 Acq: 04 Oct 2018 05:20

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	321399		
110	34.3	17.5	52.6	
77	31.1	24.8	37.2	





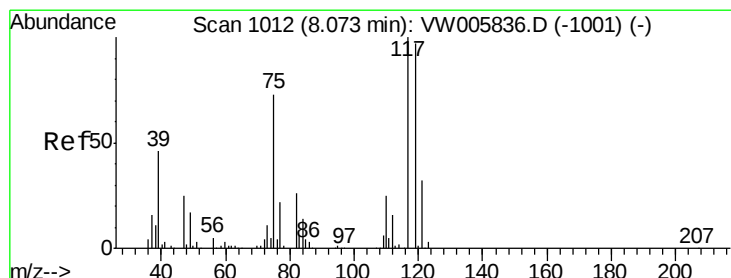
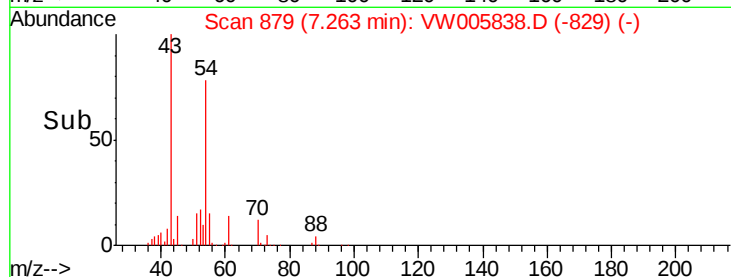
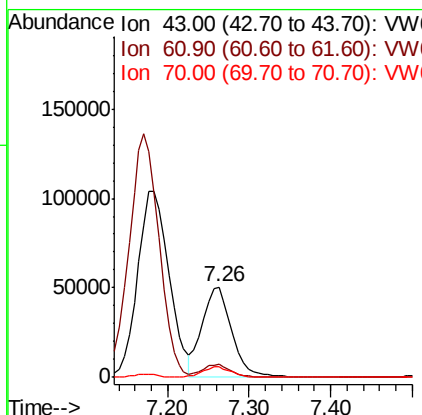
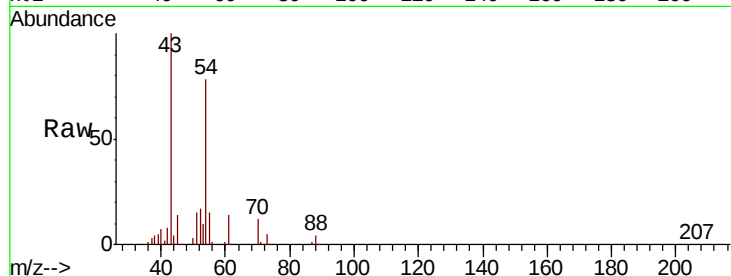
#37
Ethyl Acetate
Concen: 96.622 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: VW005838.D
Acq: 04 Oct 2018 05:20

Instrument :
MSVOA_W
ClientSampled :
VSTDIC100

Tot Ion	43	Resp	128536
Ion Ratio	Lower	Upper	
43	100		
61	13.9	11.2	16.8
70	10.8	8.6	13.0

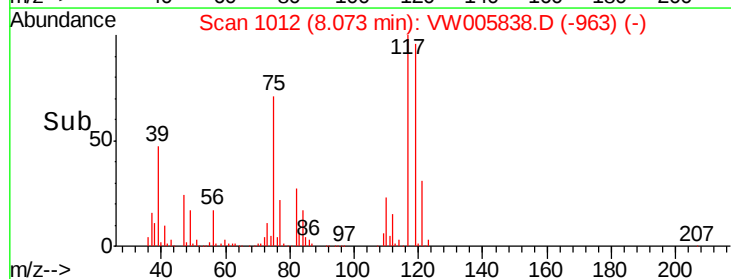
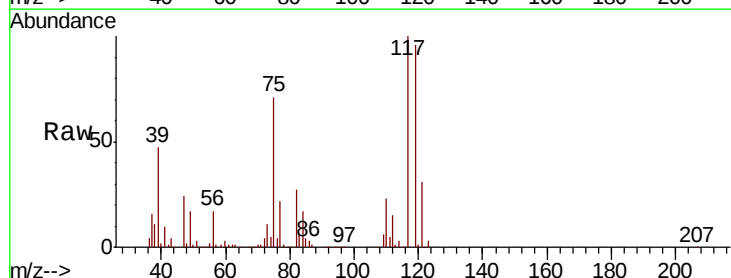
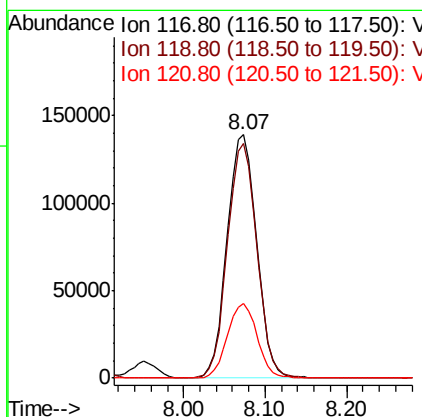
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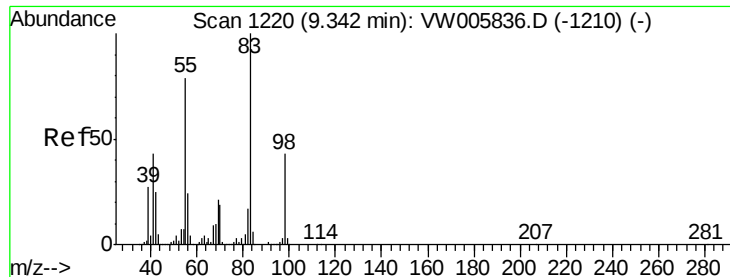
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#38
Carbon Tetrachloride
Concen: 103.304 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW005838.D
Acq: 04 Oct 2018 05:20

Tgt Ion	117	Resp	347861
Ion Ratio	Lower	Upper	
117	100		
119	96.2	77.9	116.9
121	30.8	25.2	37.8





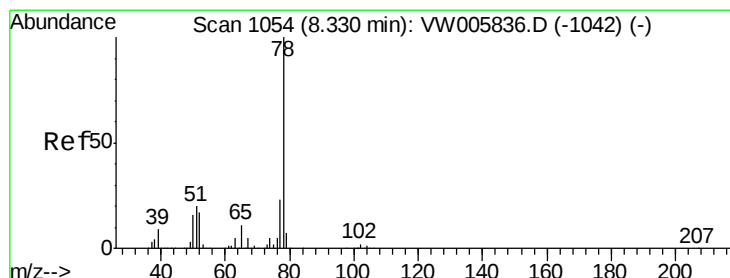
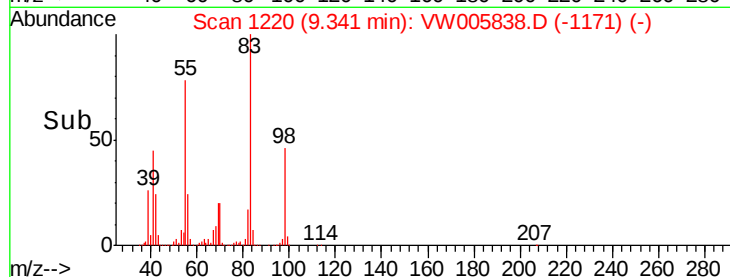
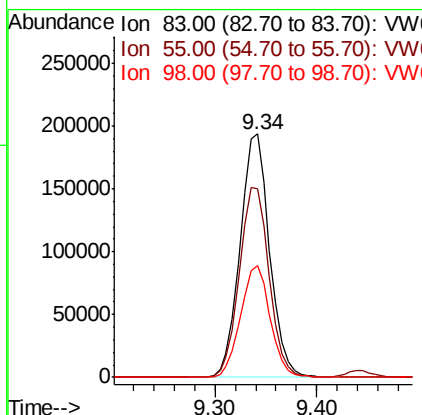
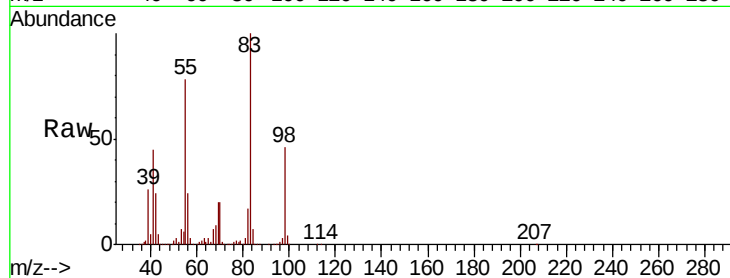
#39
Methvlcvclohexane
Concen: 105.192 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW005838.D
Acq: 04 Oct 2018 05:20

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.6	63.0	94.4
98	46.0	34.5	51.7

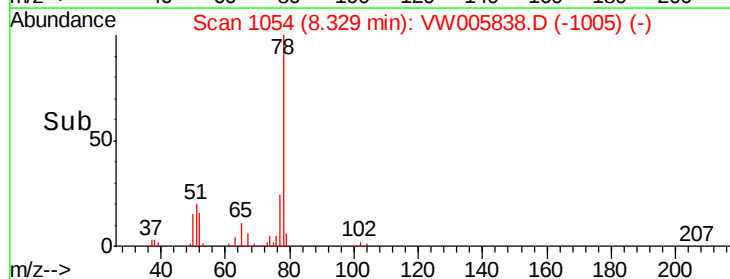
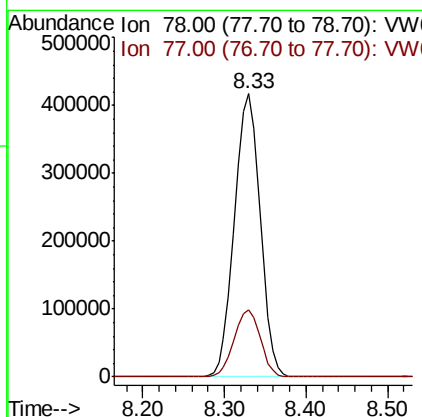
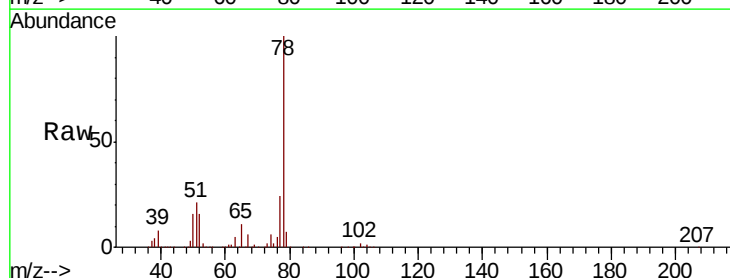
Manual Integrations
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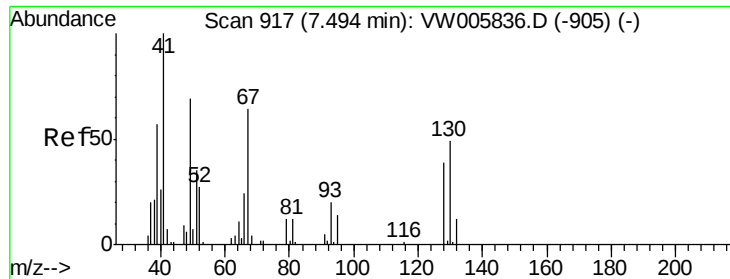
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#40
Benzene
Concen: 101.853 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW005838.D
Acq: 04 Oct 2018 05:20

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.6	28.0





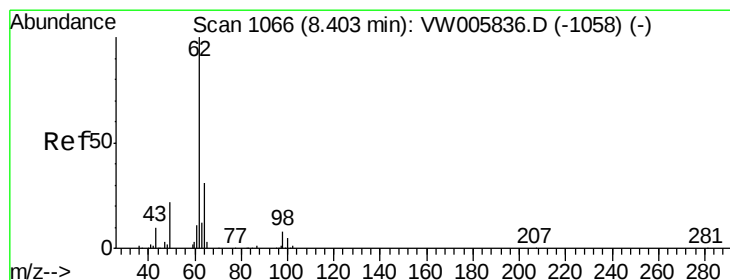
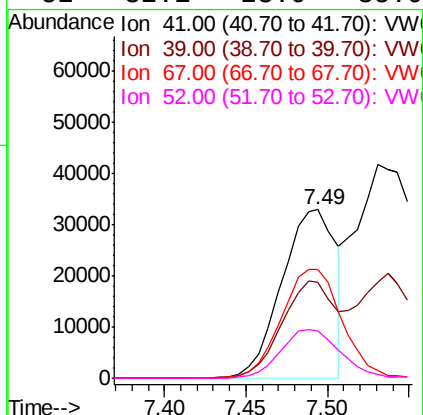
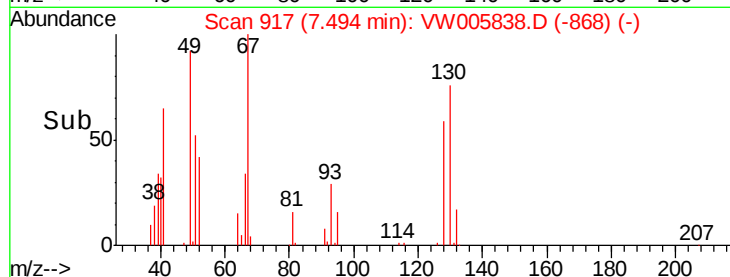
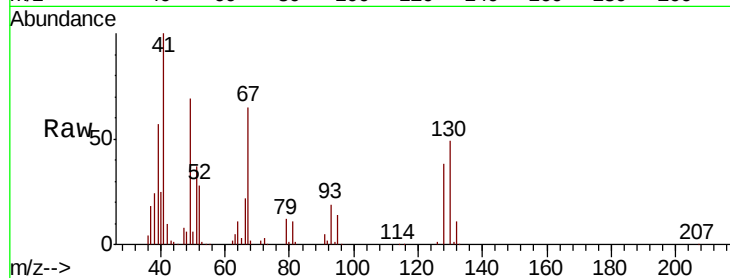
#41
Methacrylonitrile
Concen: 98.367 ug/l
RT: 7.49 min Scan# 917
Delta R.T. -0.00 min
Lab File: VW005838.D
Acq: 04 Oct 2018 05:20

Instrument :
MSVOA_W
ClientSampled :
VSTDIC100

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		75689		
39	55.9	45.6	68.4		
67	72.3	53.6	80.4		
52	32.1	23.9	35.9		

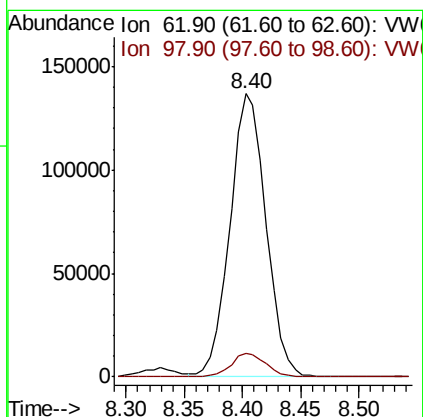
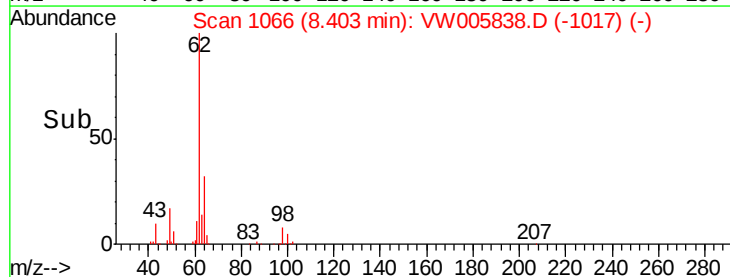
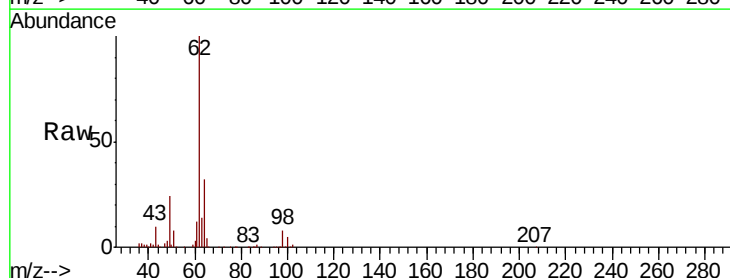
Manual Integrations
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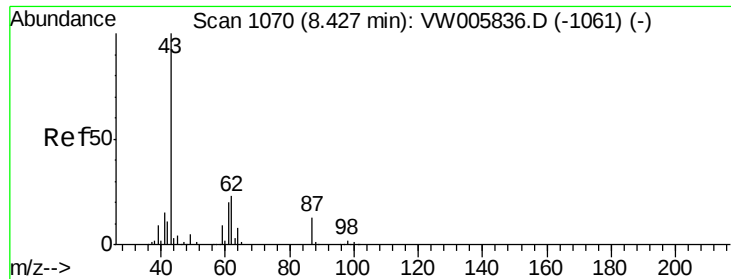
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#42
1,2-Dichloroethane
Concen: 101.642 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW005838.D
Acq: 04 Oct 2018 05:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		293877		
98	8.1	0.0	16.2		





#43

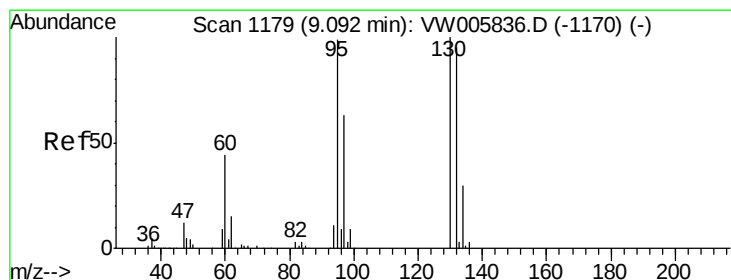
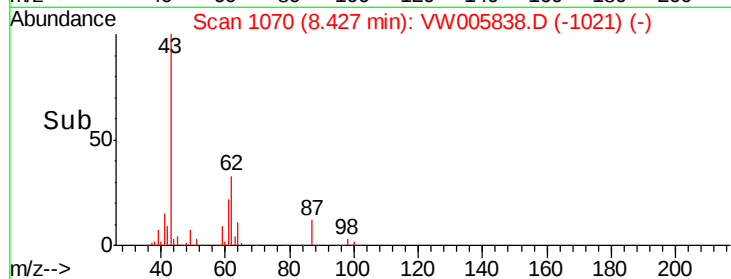
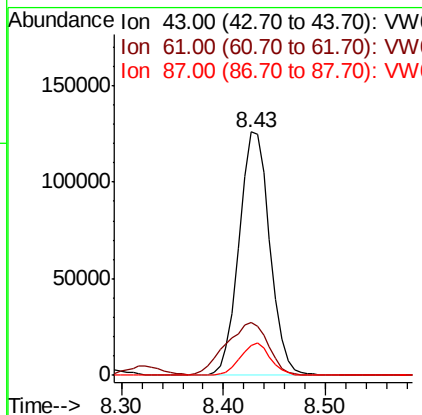
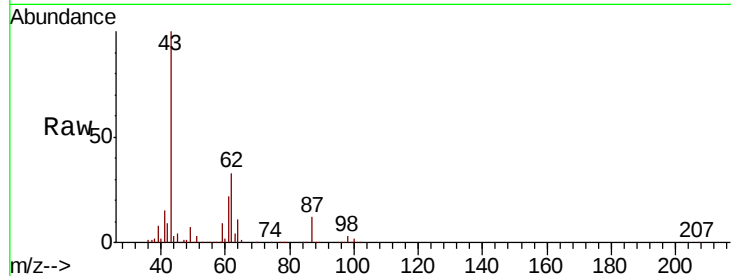
Isopropyl Acetate
 Concen: 100.188 ug/l
 RT: 8.43 min Scan# 1070
 Delta R.T. -0.00 min
 Lab File: VW005838.D
 Acq: 04 Oct 2018 05:20

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
43	100		
61	30.0	24.1	36.1
87	13.1	10.6	16.0

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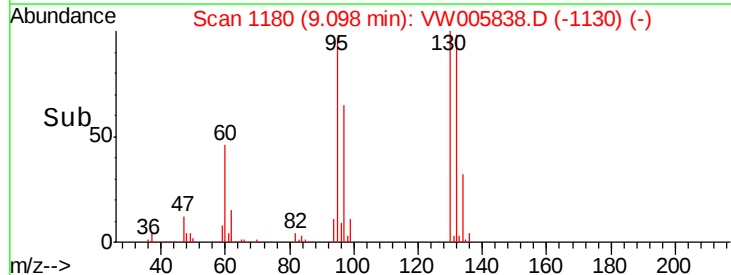
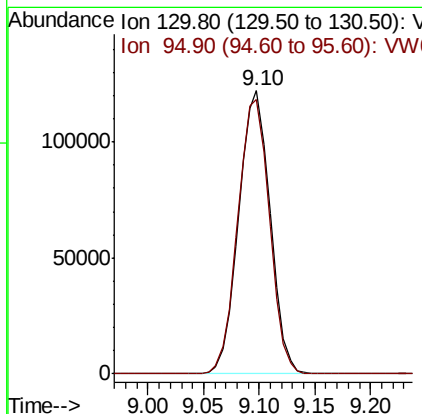
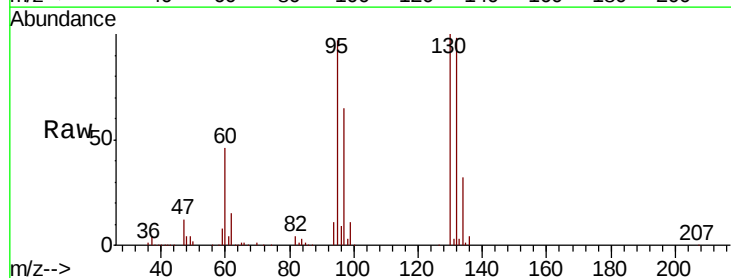
apatel
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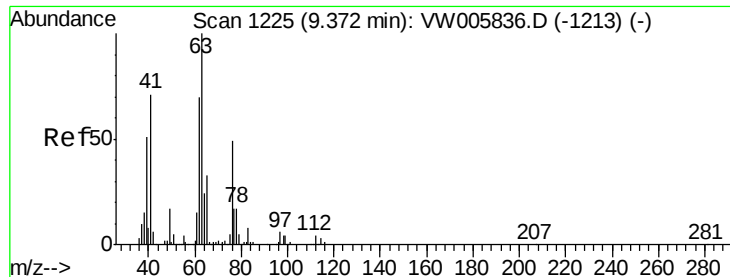


#44

Trichloroethene
 Concen: 104.146 ug/l
 RT: 9.10 min Scan# 1180
 Delta R.T. 0.01 min
 Lab File: VW005838.D
 Acq: 04 Oct 2018 05:20

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.0	0.0	197.6





#45

1,2-Dichloropropane

Concen: 100.186 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. -0.00 min

Lab File: VW005838.D

Acq: 04 Oct 2018 05:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion: 63 Resp: 217790

Ion Ratio Lower Upper

63 100

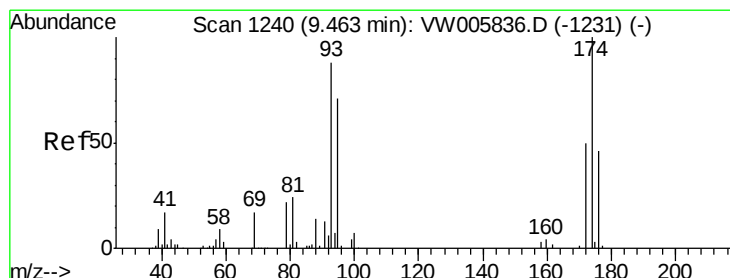
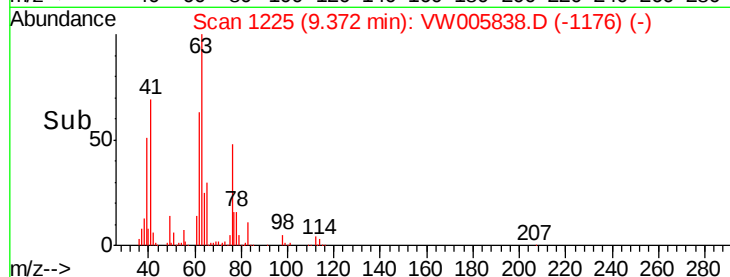
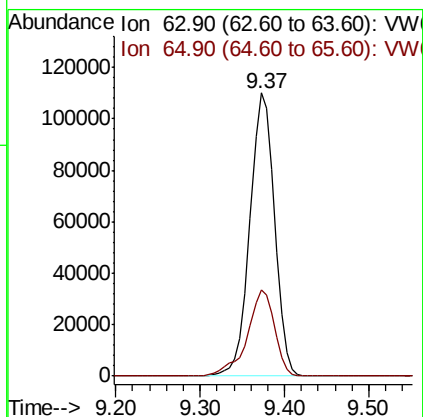
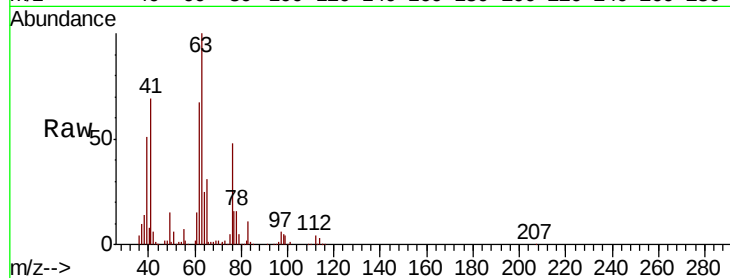
65 30.5 26.1 39.1

Manual Integrations

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#46

Dibromomethane

Concen: 104.150 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VW005838.D

Acq: 04 Oct 2018 05:20

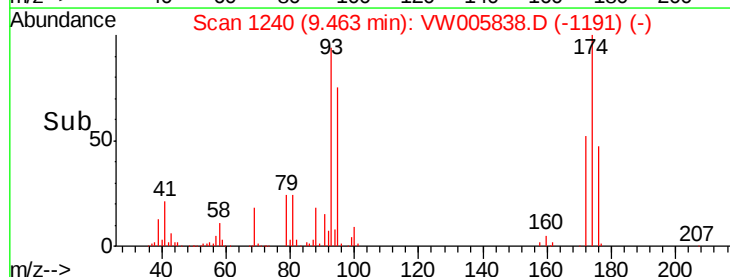
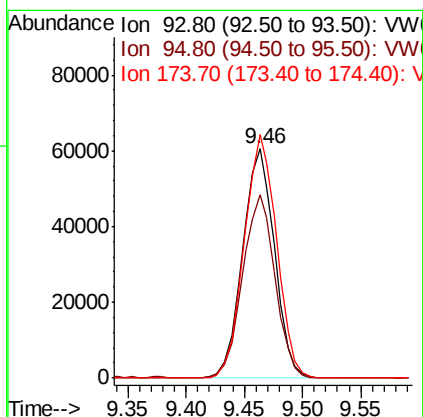
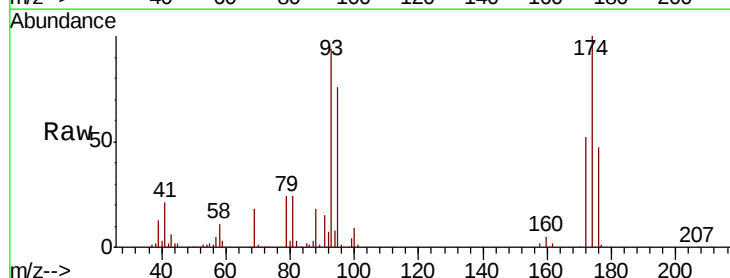
Tgt Ion: 93 Resp: 115468

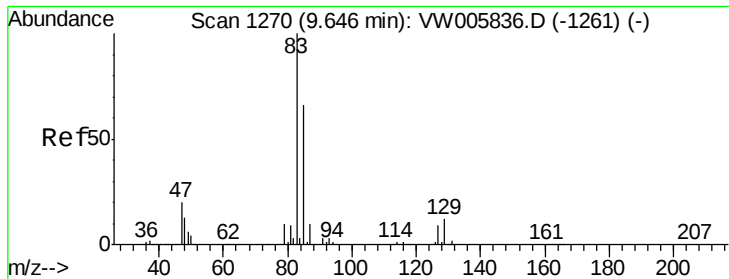
Ion Ratio Lower Upper

93 100

95 81.5 65.9 98.9

174 108.0 88.4 132.6





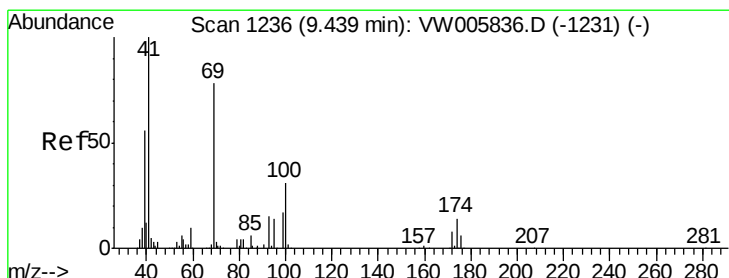
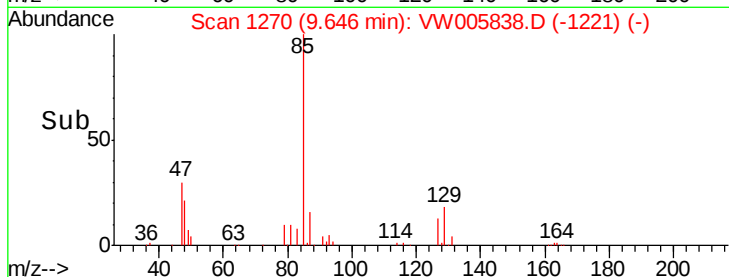
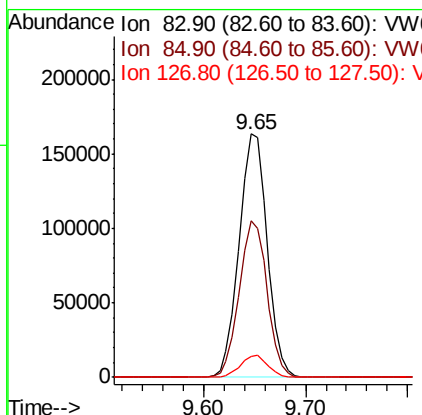
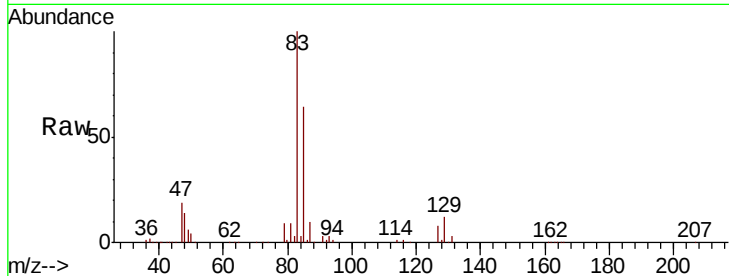
#47
 Bromodichloromethane
 Concen: 105.485 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VW005838.D
 Acq: 04 Oct 2018 05:20

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
83	100	311656		
85	64.2		52.6	78.8
127	8.3		7.4	11.0

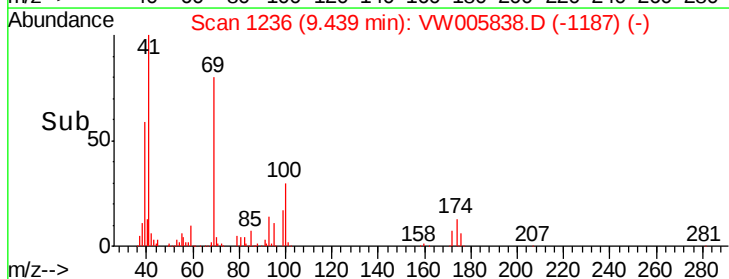
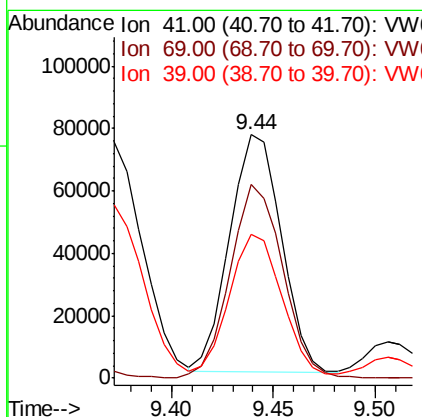
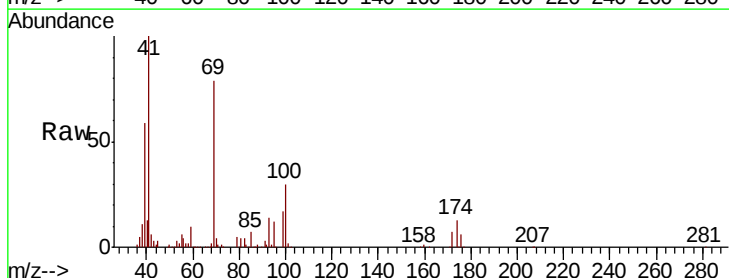
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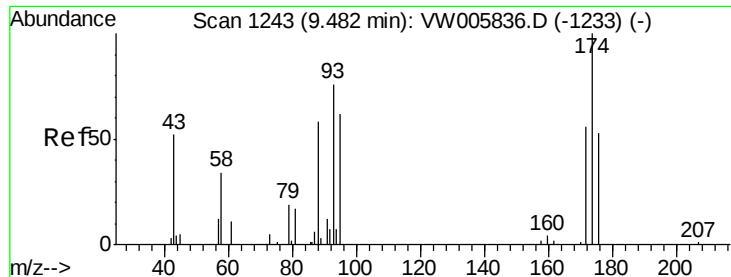
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#48
 Methyl methacrylate
 Concen: 107.255 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VW005838.D
 Acq: 04 Oct 2018 05:20

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	134143		
69	82.9		66.4	99.6
39	62.8		50.1	75.1





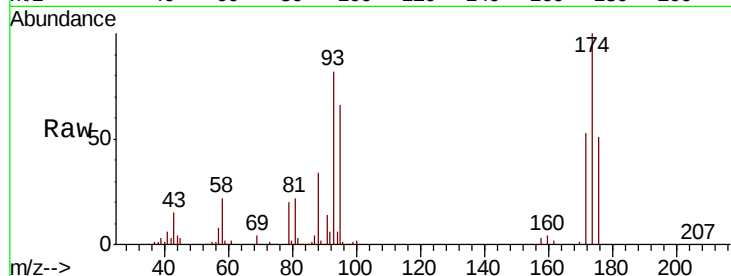
#49
1,4-Dioxane
Concen: 2169.999 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. -0.01 min
Lab File: VW005838.D
Acq: 04 Oct 2018 05:20

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	71.1	58.1	87.1

Manual Integrations
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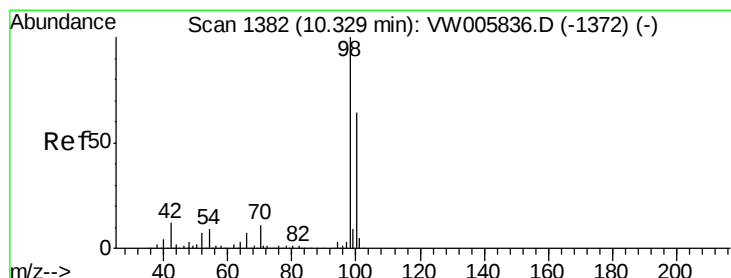
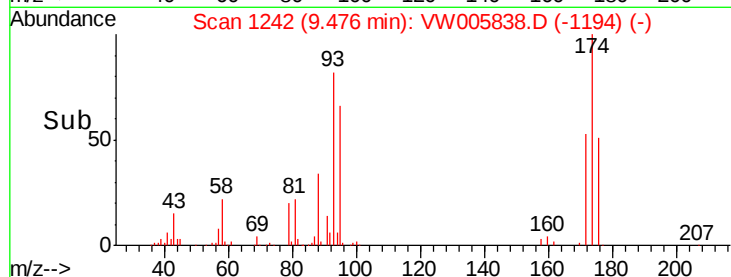
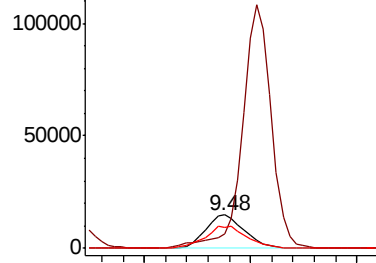


Abundance

Ion 88.00 (87.70 to 88.70): VW

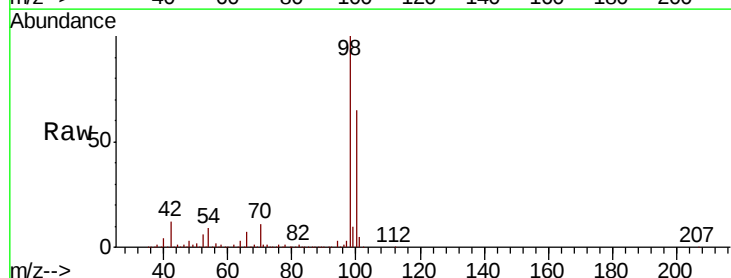
Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50
Toluene-d8
Concen: 104.102 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005838.D
Acq: 04 Oct 2018 05:20

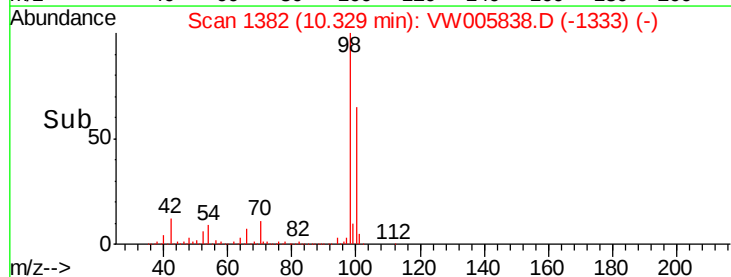
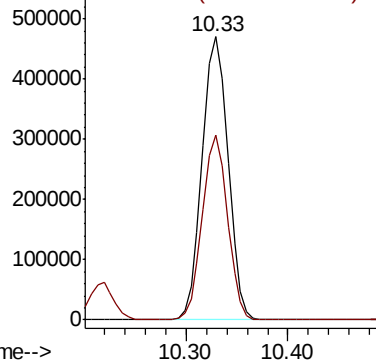
Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.5	51.7	77.5

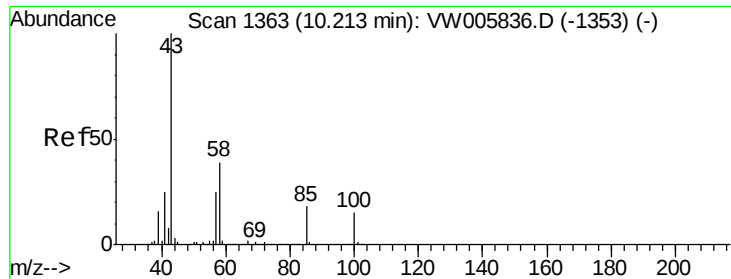


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





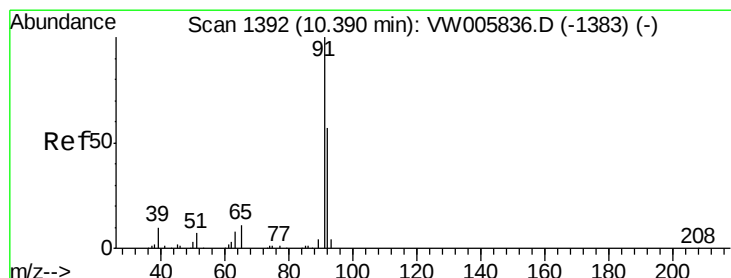
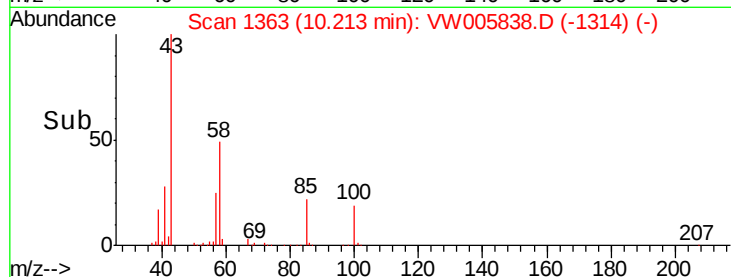
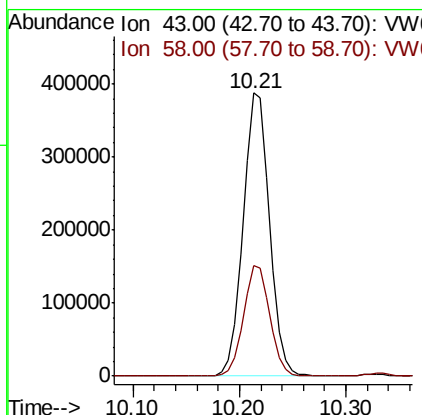
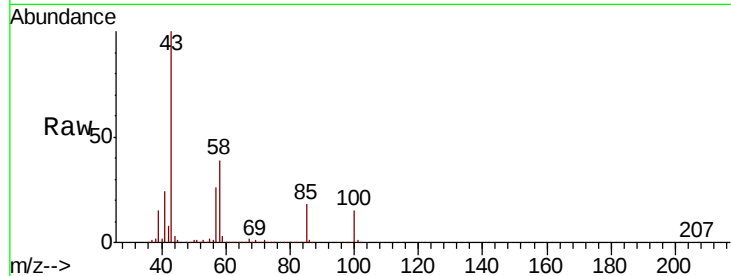
#51
 4-Methyl-2-Pentanone
 Concen: 506.723 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW005838.D
 Acq: 04 Oct 2018 05:20

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC100

Tot Ion: 43 Resp: 673421
 Ion Ratio Lower Upper
 43 100
 58 38.7 30.6 45.8

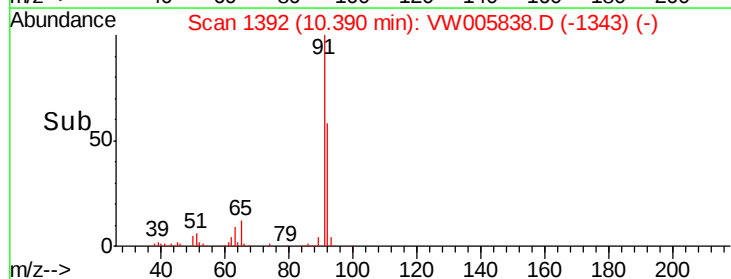
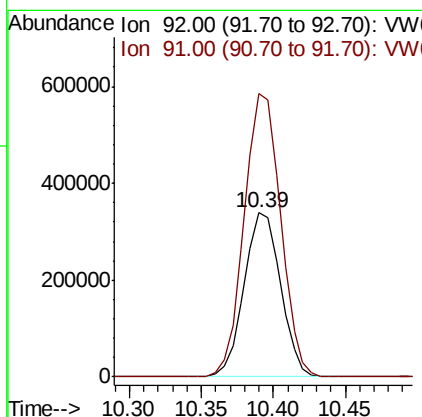
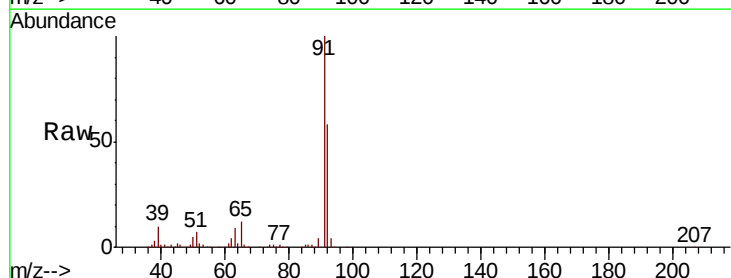
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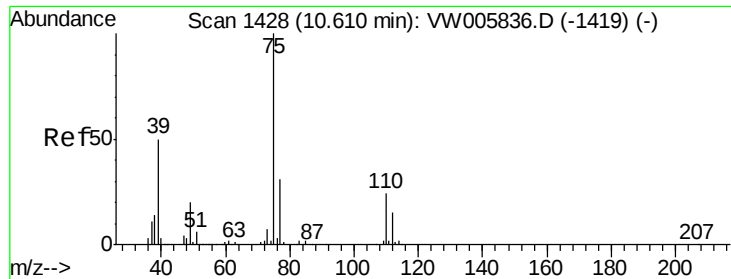
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#52
 Toluene
 Concen: 106.588 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW005838.D
 Acq: 04 Oct 2018 05:20

Tgt Ion: 92 Resp: 594903
 Ion Ratio Lower Upper
 92 100
 91 172.5 139.0 208.4





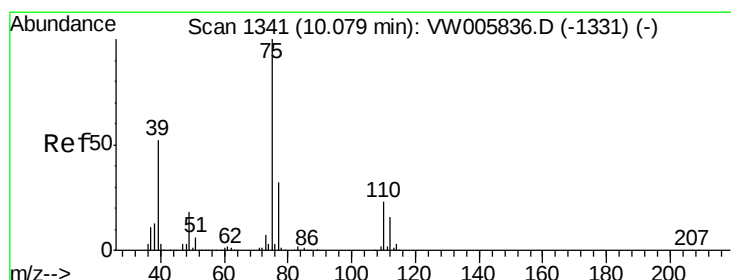
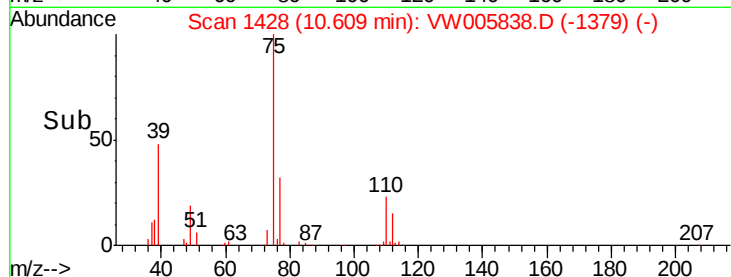
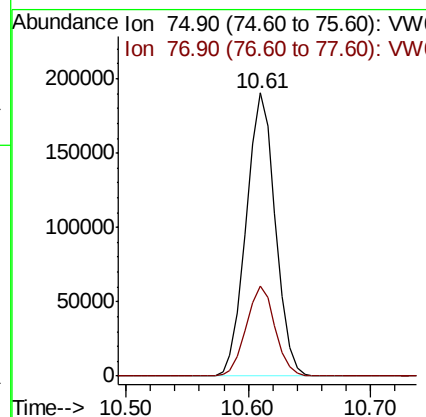
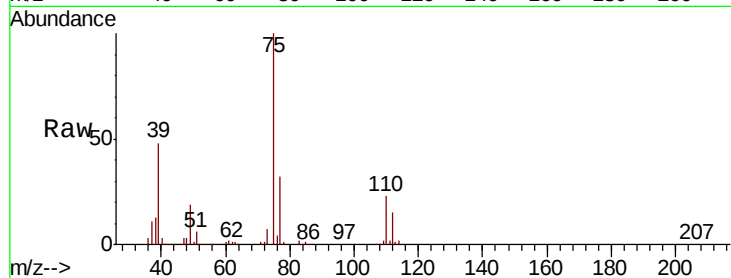
#53
 t-1,3-Dichloropropene
 Concen: 106.449 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: VW005838.D
 Acq: 04 Oct 2018 05:20

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC100

Tot Ion: 75 Resp: 315009
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.0 37.4

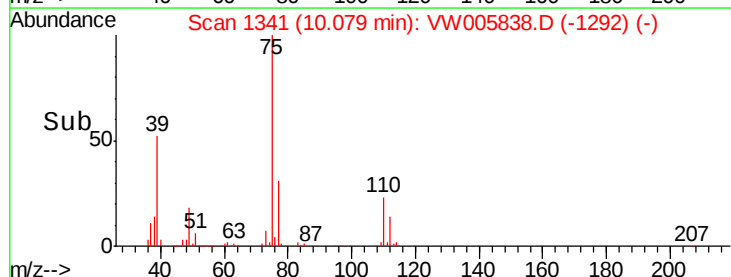
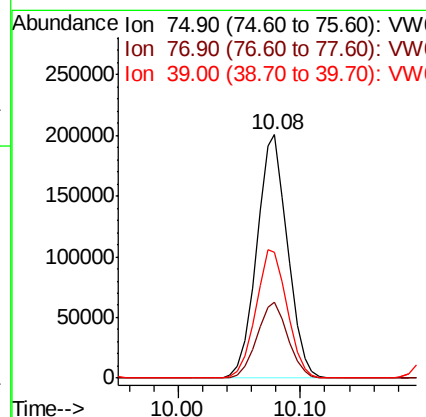
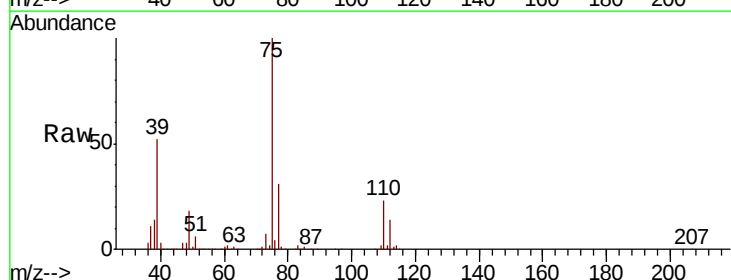
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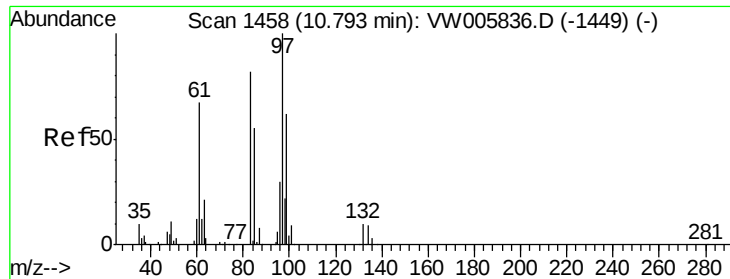
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#54
 cis-1,3-Dichloropropene
 Concen: 105.888 ug/l
 RT: 10.08 min Scan# 1341
 Delta R.T. -0.00 min
 Lab File: VW005838.D
 Acq: 04 Oct 2018 05:20

Tgt Ion: 75 Resp: 350663
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.4 38.2
 39 51.9 41.9 62.9





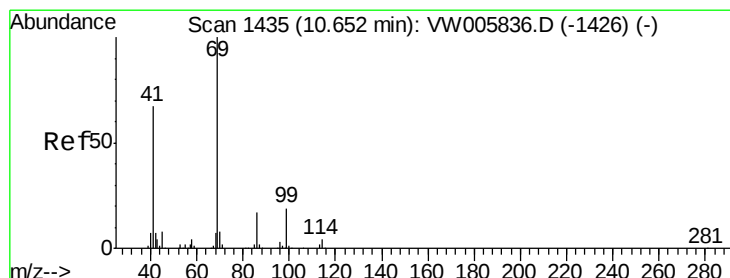
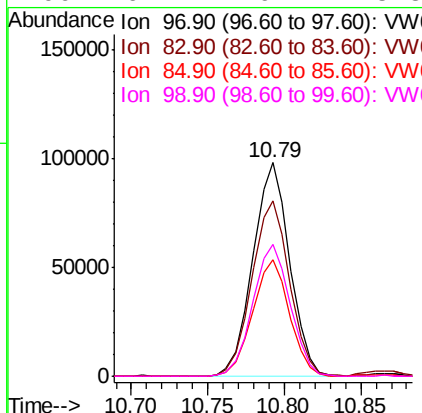
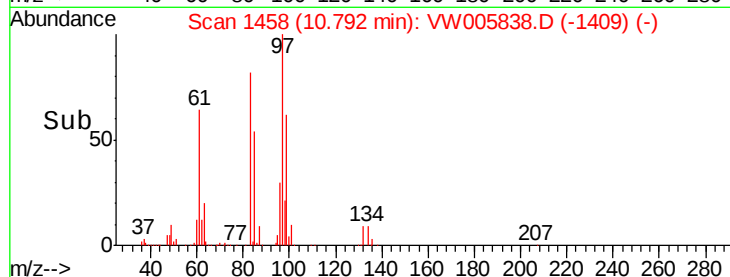
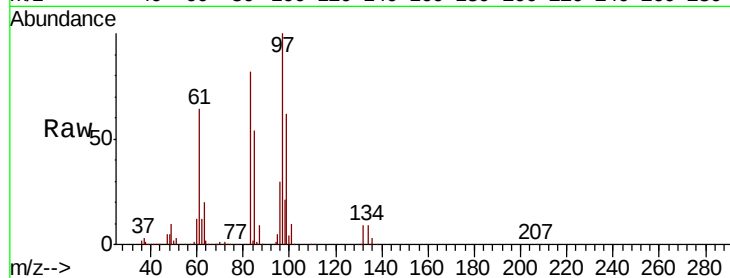
#55
 1,1,2-Trichloroethane
 Concen: 104.194 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005838.D
 Acq: 04 Oct 2018 05:20

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		164368		
83	82.0	65.9	98.9		
85	54.5	44.2	66.2		
99	61.7	49.2	73.8		

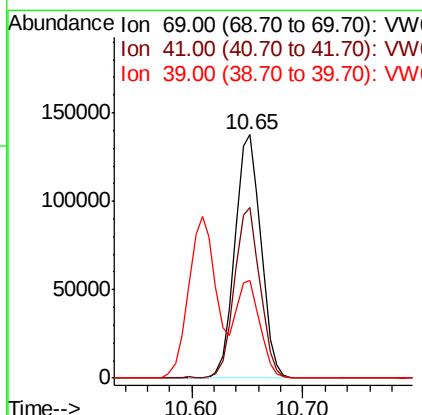
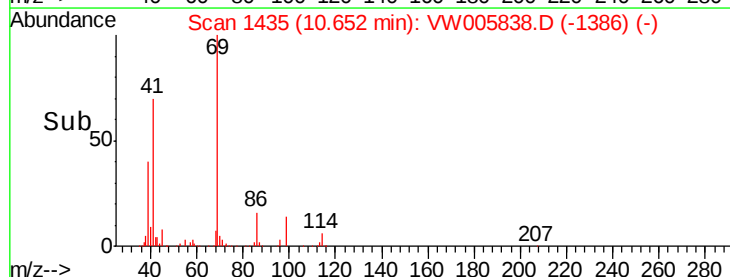
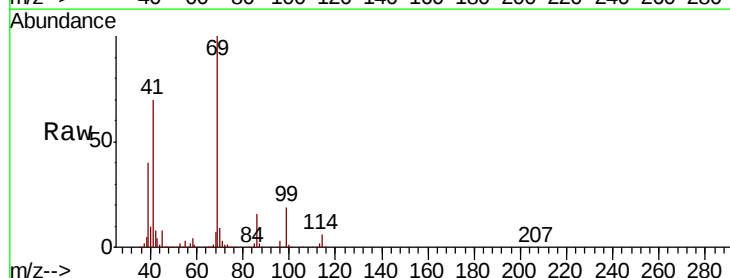
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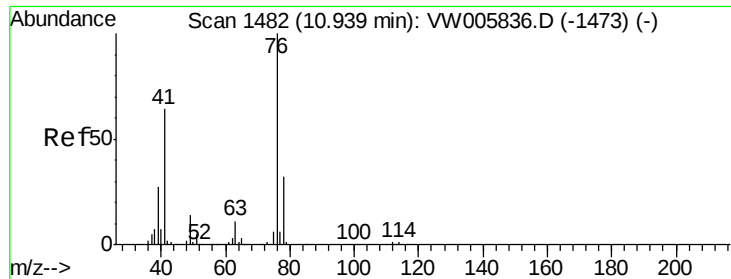
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#56
 Ethyl methacrylate
 Concen: 113.908 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW005838.D
 Acq: 04 Oct 2018 05:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		221655		
41	69.0	55.8	83.6		
39	36.0	29.3	43.9		





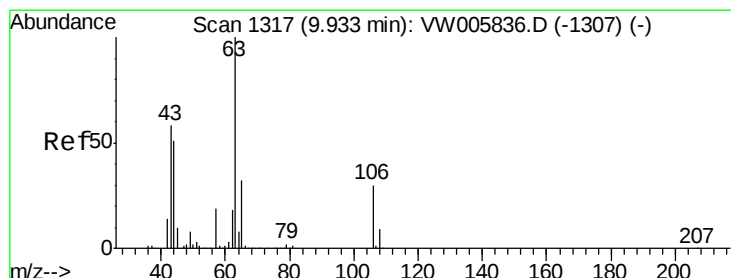
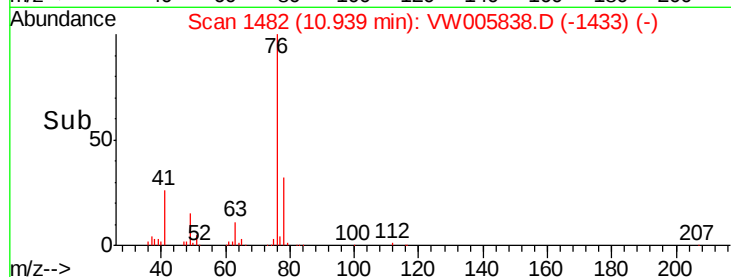
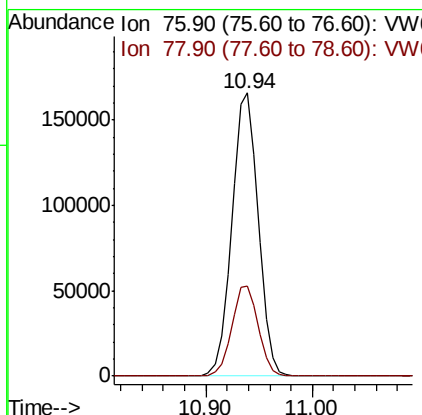
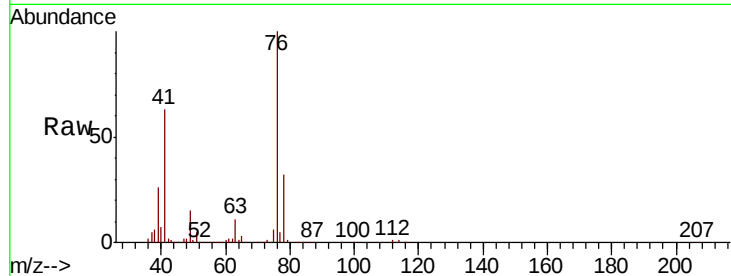
#57
 1,3-Dichloropropane
 Concen: 103.255 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: VW005838.D
 Acq: 04 Oct 2018 05:20

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion: 76 Resp: 287193
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.4 38.0

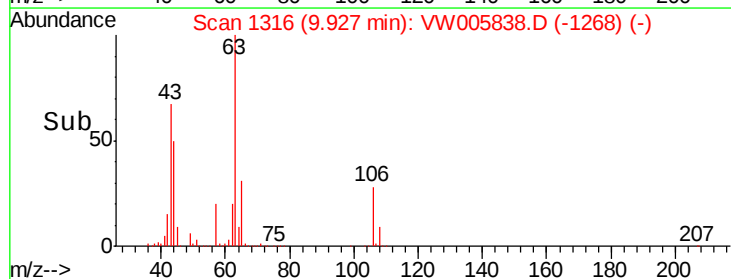
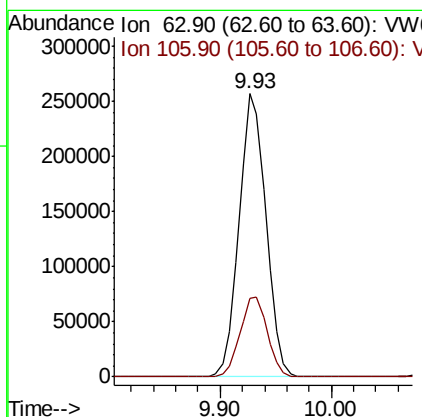
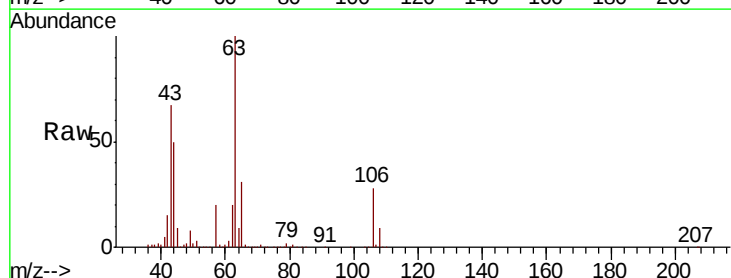
Manual Integrations
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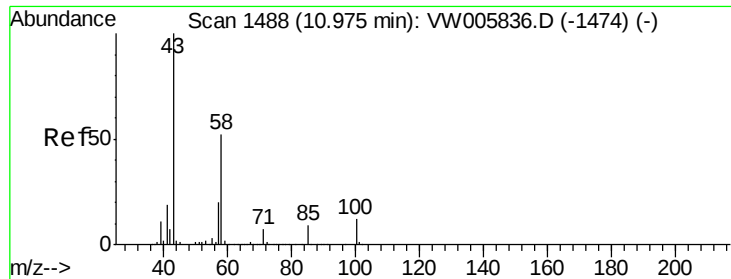
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#58
 2-Chloroethyl Vinyl ether
 Concen: 495.941 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: VW005838.D
 Acq: 04 Oct 2018 05:20

Tgt Ion: 63 Resp: 428865
 Ion Ratio Lower Upper
 63 100
 106 28.8 23.7 35.5





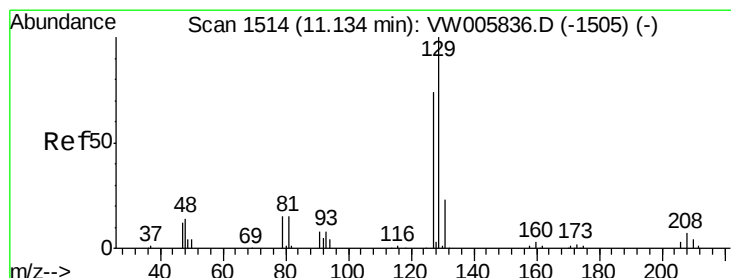
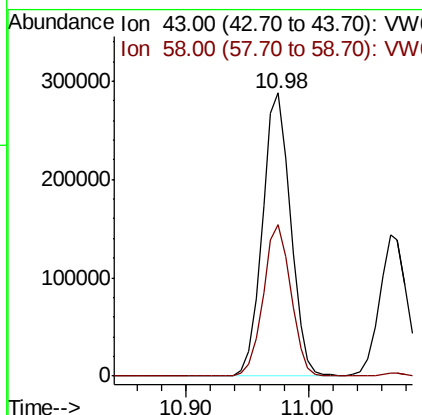
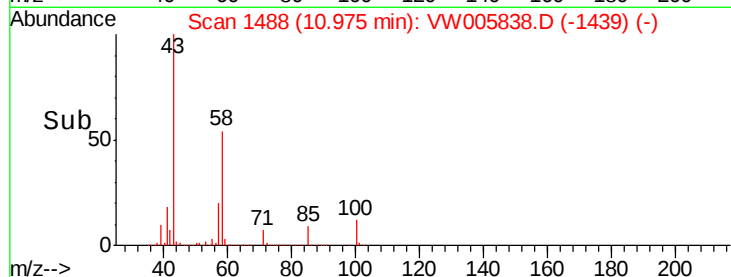
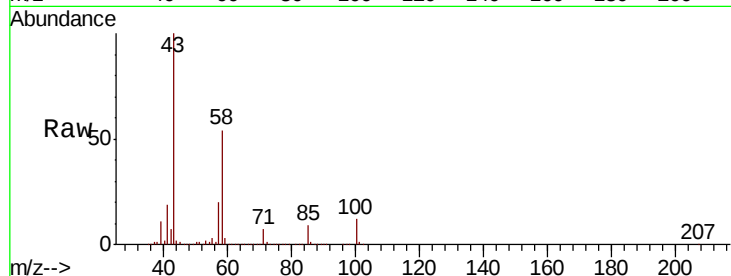
#59
2-Hexanone
Concen: 512.499 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005838.D
Acq: 04 Oct 2018 05:20

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion: 43 Resp: 461600
Ion Ratio Lower Upper
43 100
58 52.5 25.9 77.7

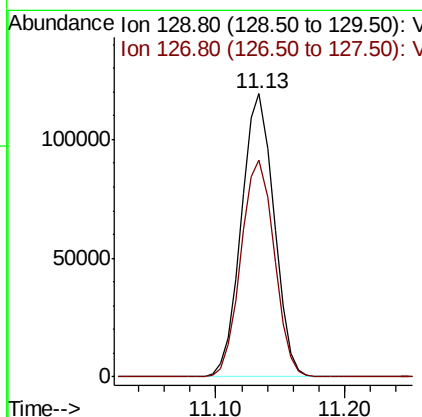
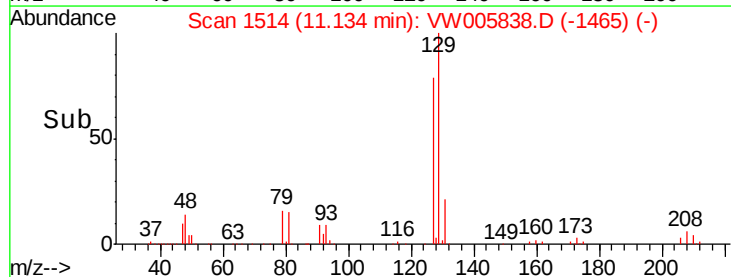
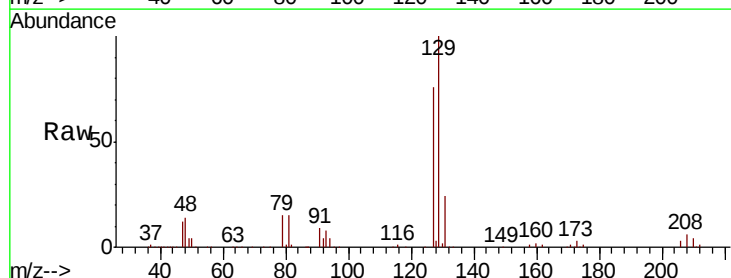
Manual Integrations
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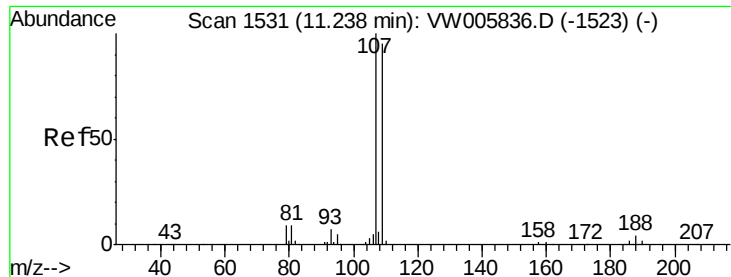
apatel
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#60
Dibromochloromethane
Concen: 108.709 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW005838.D
Acq: 04 Oct 2018 05:20

Tgt Ion: 129 Resp: 208859
Ion Ratio Lower Upper
129 100
127 77.9 37.2 111.6





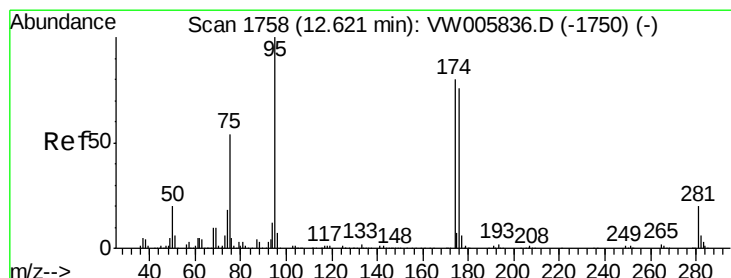
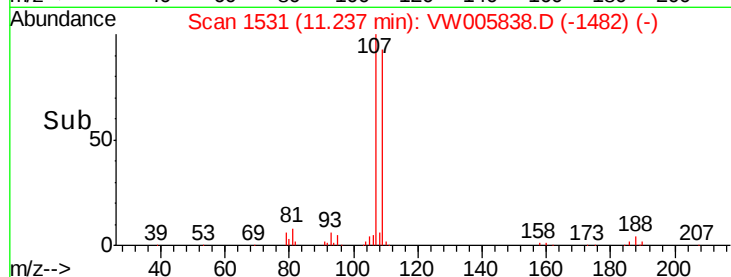
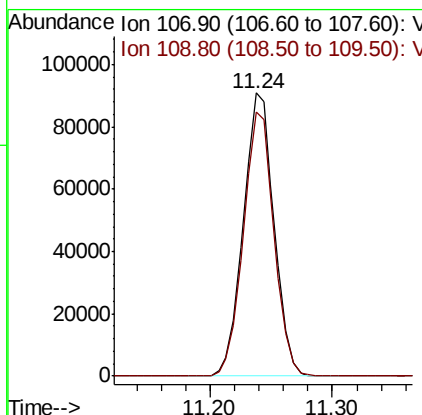
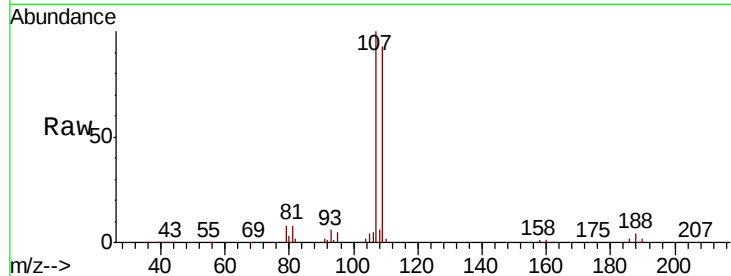
#61
 1,2-Dibromoethane
 Concen: 107.035 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW005838.D
 Acq: 04 Oct 2018 05:20

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.2	76.6	114.8

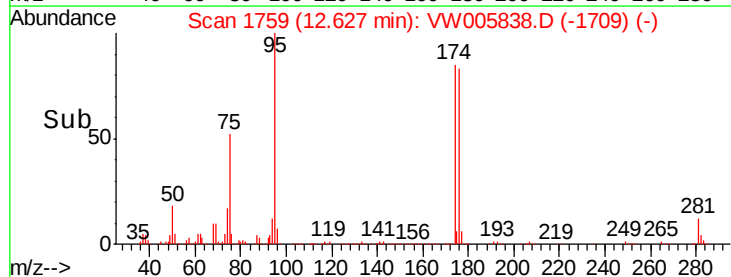
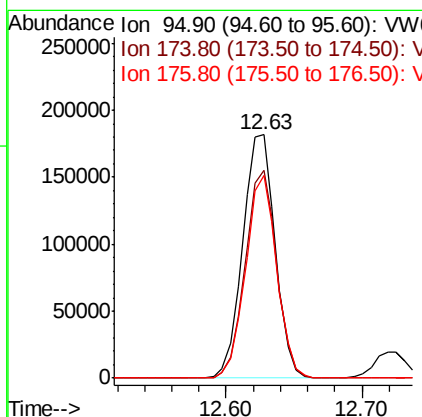
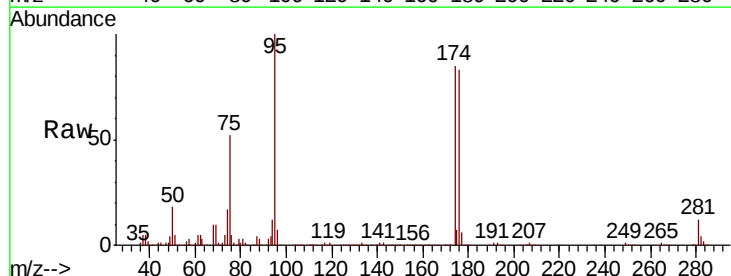
Manual Integrations
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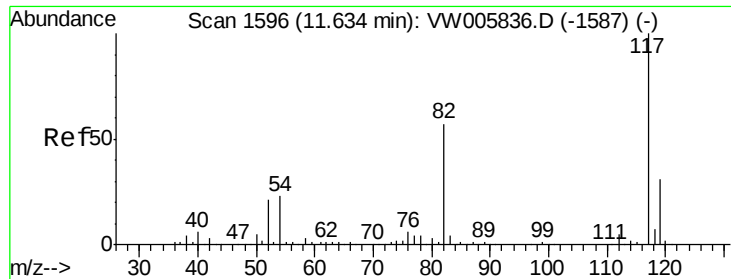
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#62
 4-Bromofluorobenzene
 Concen: 102.618 ug/l
 RT: 12.63 min Scan# 1759
 Delta R.T. 0.01 min
 Lab File: VW005838.D
 Acq: 04 Oct 2018 05:20

Tgt Ion	Ratio	Lower	Upper
95	100		
174	83.0	0.0	169.0
176	79.9	0.0	164.2





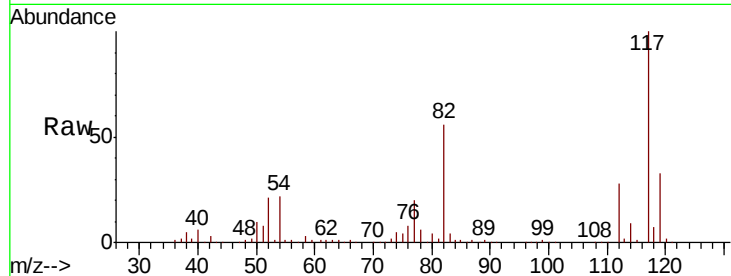
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.01 min
Lab File: VW005838.D
Acq: 04 Oct 2018 05:20

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.1	45.6	68.4
119	33.1	25.0	37.6

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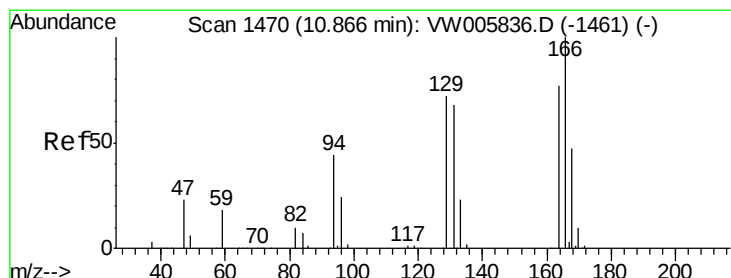
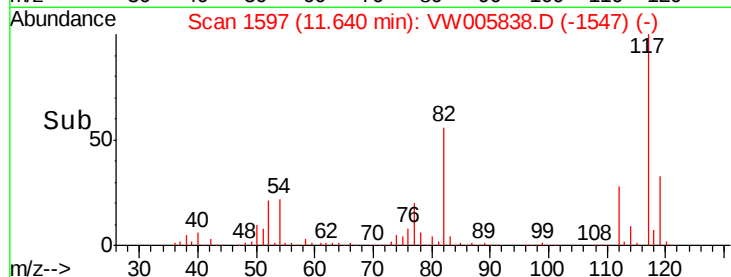
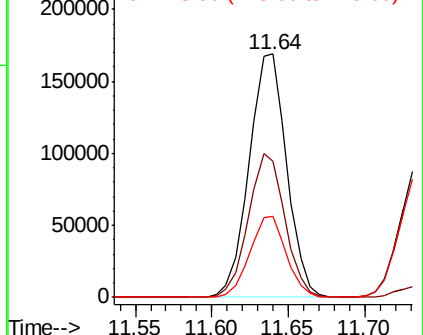


Abundance

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: 111.543 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005838.D
Acq: 04 Oct 2018 05:20

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.2	104.0	156.0
129	93.9	74.8	112.2
131	89.9	71.2	106.8

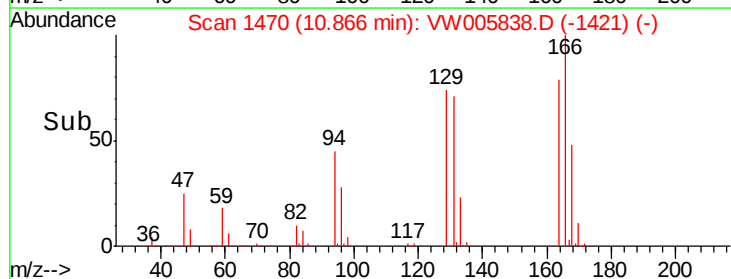
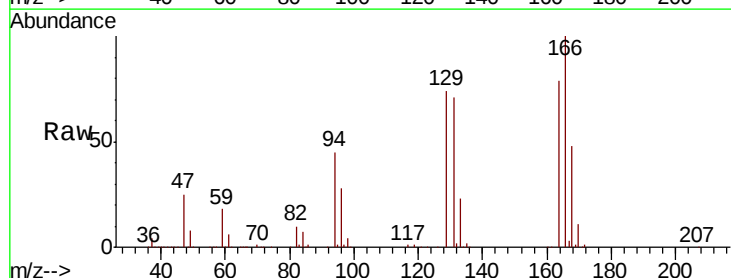
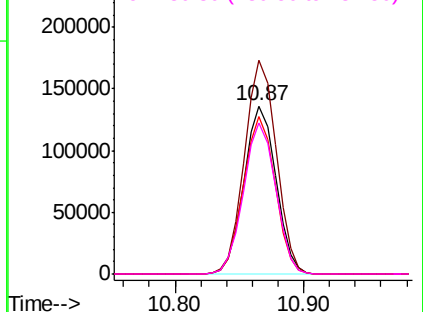
Abundance

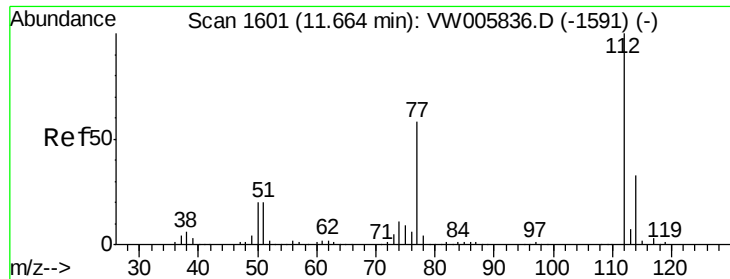
Ion 163.80 (163.50 to 164.50): V

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





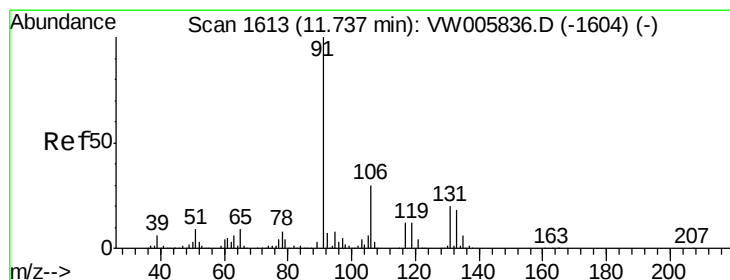
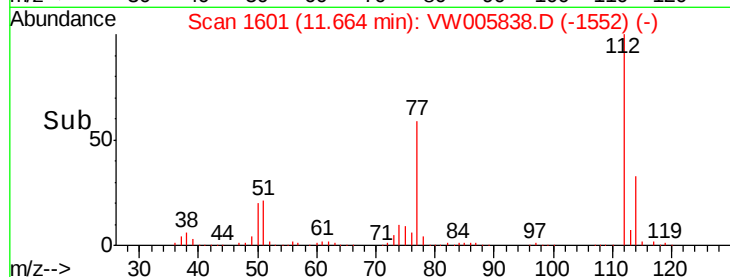
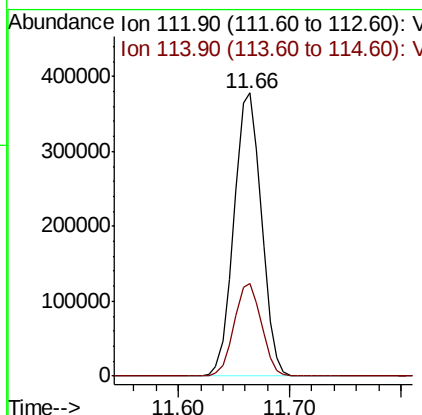
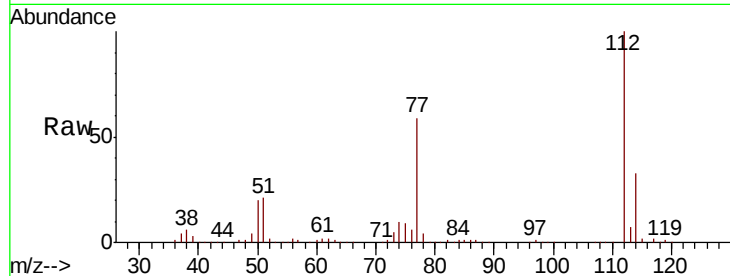
#65
Chlorobenzene
Concen: 104.397 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW005838.D
Acq: 04 Oct 2018 05:20

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion:112 Resp: 645107
Ion Ratio Lower Upper
112 100
114 32.6 26.1 39.1

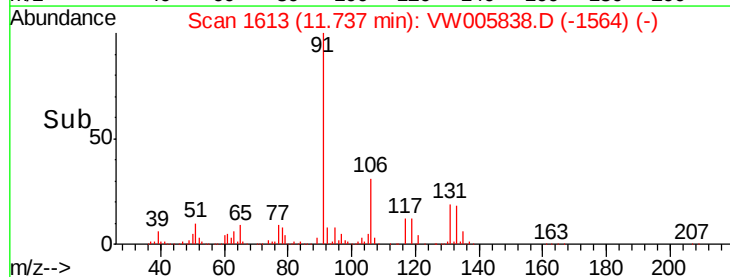
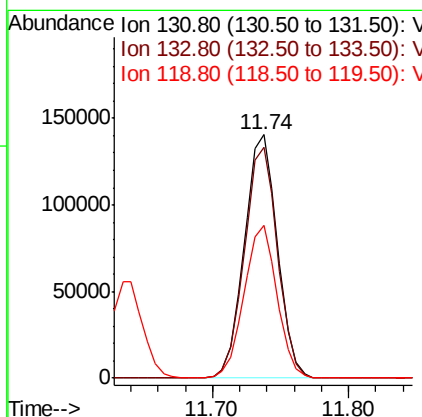
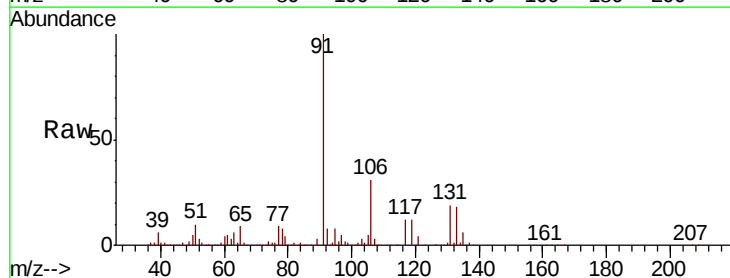
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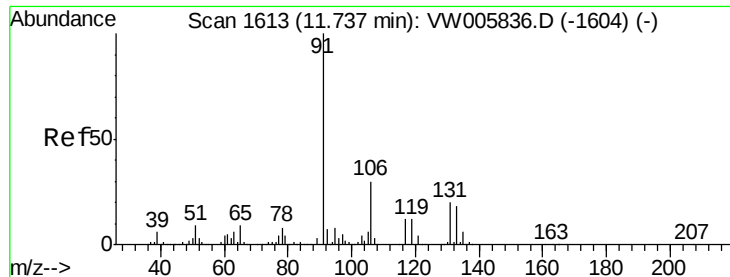
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#66
1,1,1,2-Tetrachloroethane
Concen: 106.642 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005838.D
Acq: 04 Oct 2018 05:20

Tgt Ion:131 Resp: 238801
Ion Ratio Lower Upper
131 100
133 95.2 47.0 141.0
119 62.4 30.4 91.2





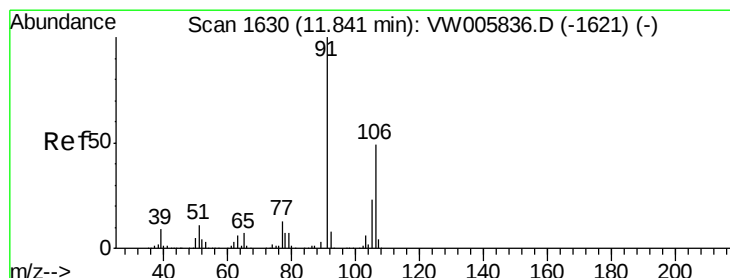
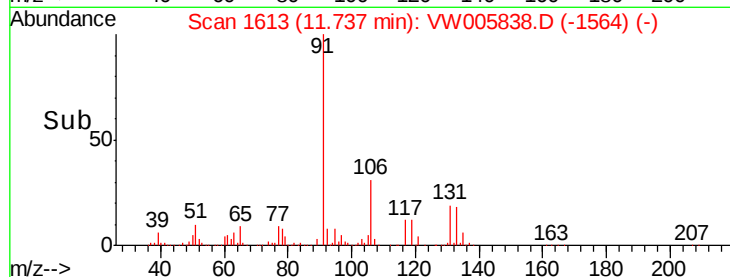
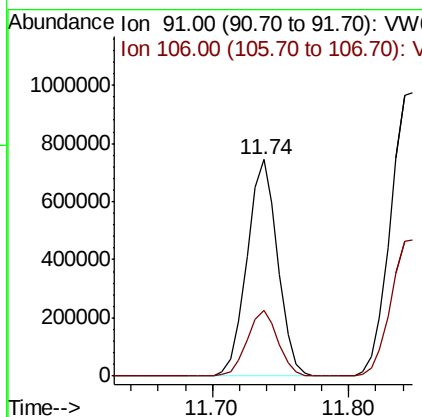
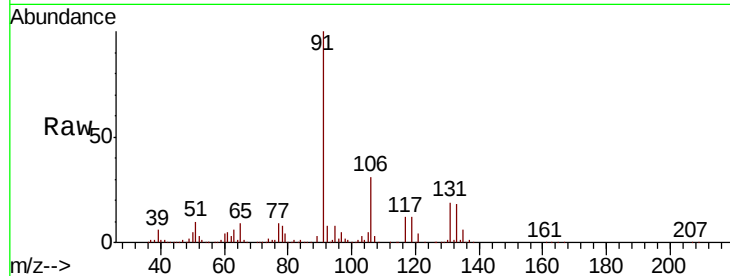
#67
Ethyl Benzene
Concen: 107.238 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005838.D
Acq: 04 Oct 2018 05:20

Instrument :
MSVOA_W
ClientSampled :
VSTDIC100

Tot Ion: 91 Resp: 1172876
Ion Ratio Lower Upper
91 100
106 30.5 24.3 36.5

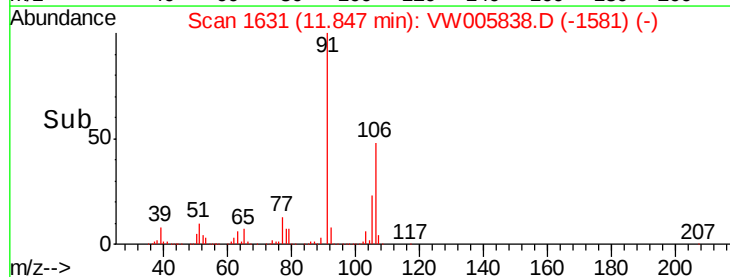
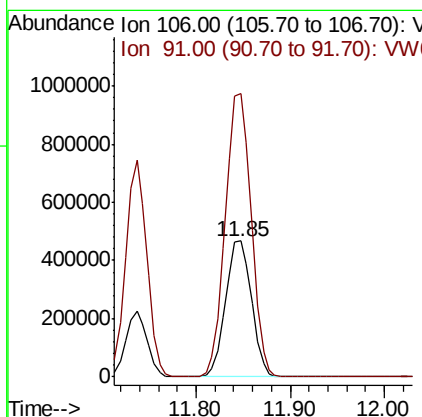
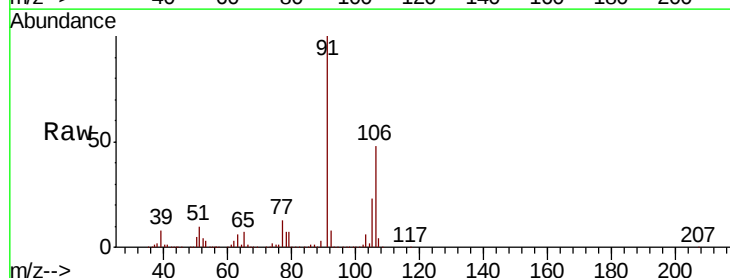
Manual Integrations
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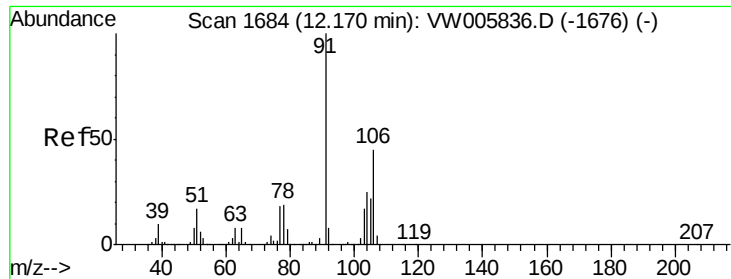
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#68
m/p-Xylenes
Concen: 215.310 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.01 min
Lab File: VW005838.D
Acq: 04 Oct 2018 05:20

Tgt Ion: 106 Resp: 892728
Ion Ratio Lower Upper
106 100
91 208.2 165.4 248.0





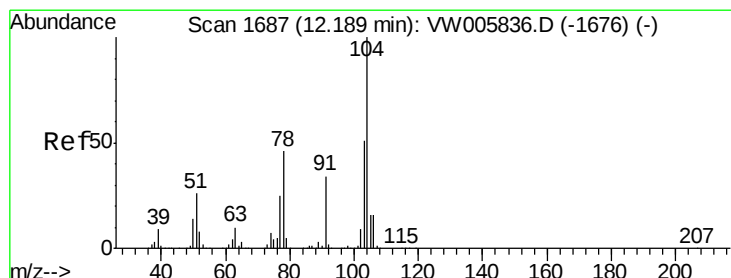
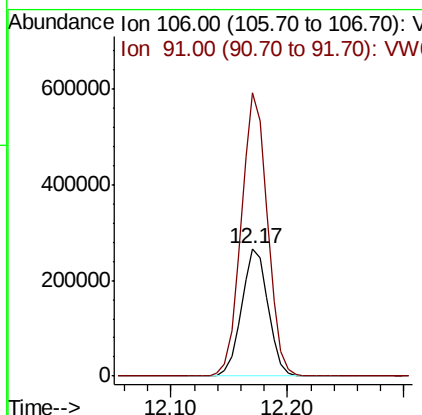
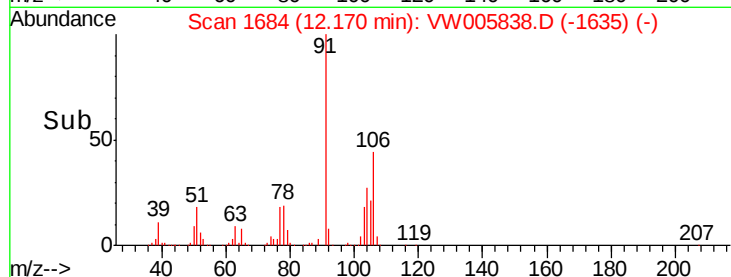
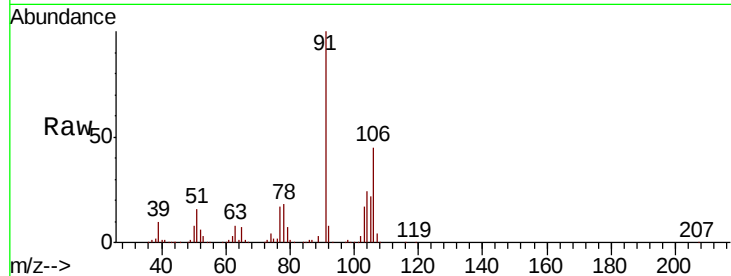
#69
o-Xylene
Concen: 108.625 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005838.D
Acq: 04 Oct 2018 05:20

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion:106 Resp: 421439
Ion Ratio Lower Upper
106 100
91 219.9 109.7 329.1

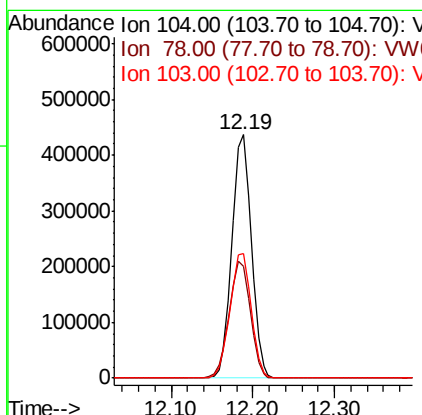
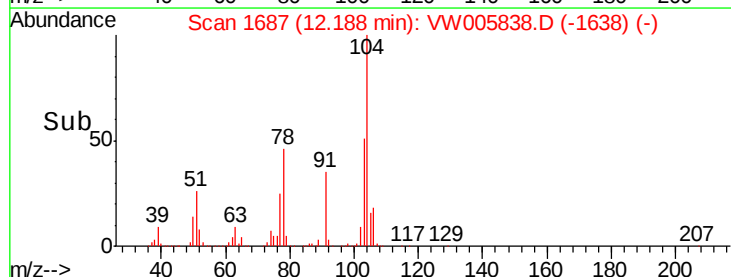
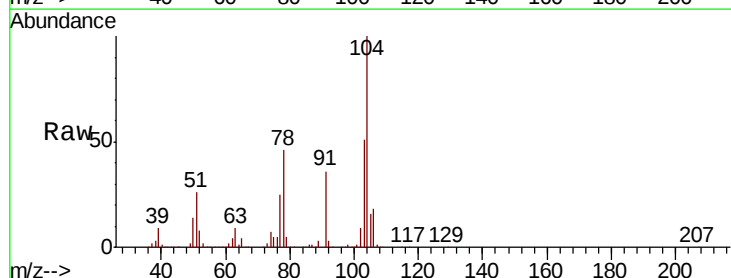
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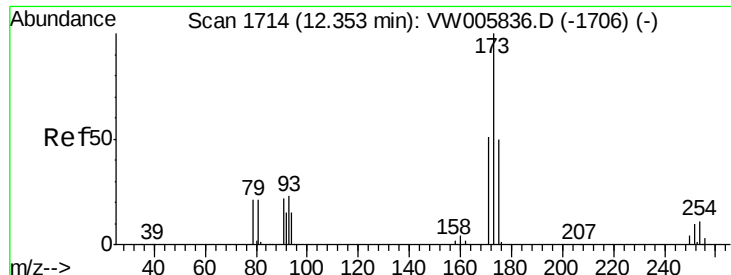
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#70
Styrene
Concen: 109.373 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005838.D
Acq: 04 Oct 2018 05:20

Tgt Ion:104 Resp: 713993
Ion Ratio Lower Upper
104 100
78 52.6 42.3 63.5
103 55.7 44.9 67.3





#71

Bromoform

Concen: 108.967 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW005838.D

Acq: 04 Oct 2018 05:20

Instrument :

MSVOA_W

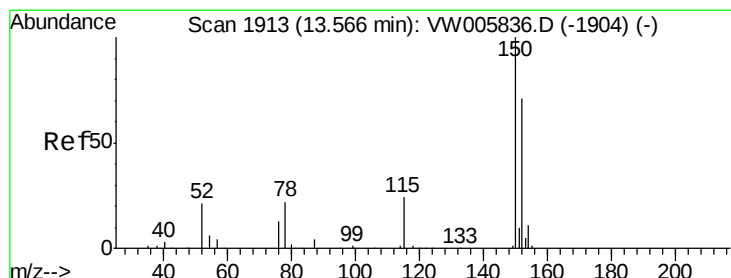
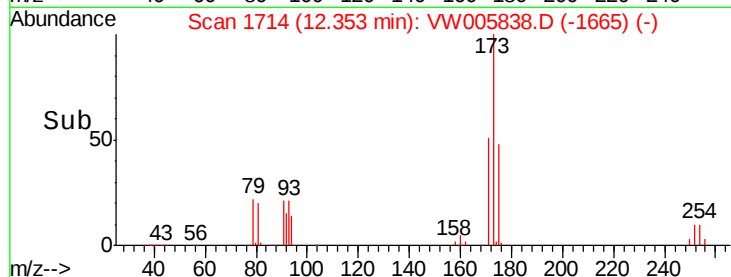
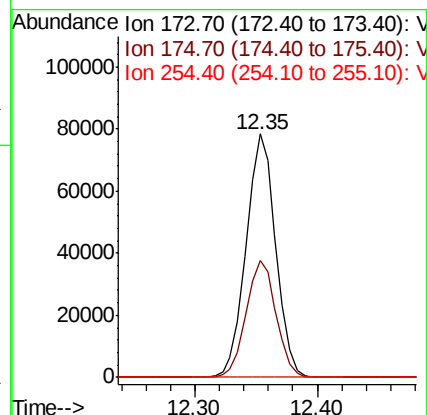
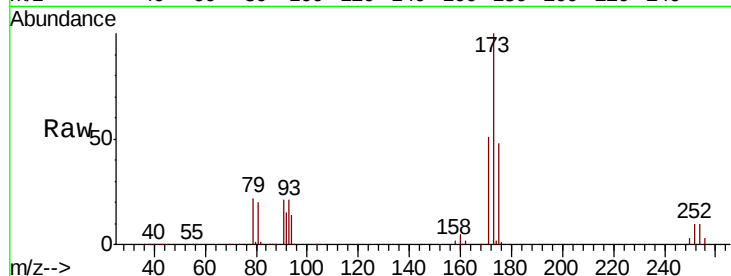
ClientSampleId :

VSTDIC100

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.3	72.9
254	0.1	0.1	0.1

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

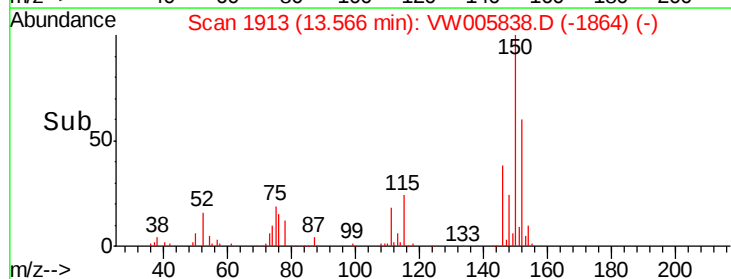
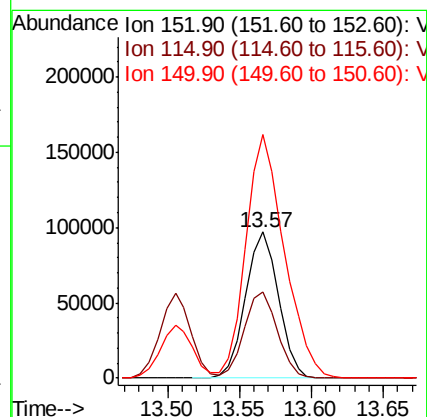
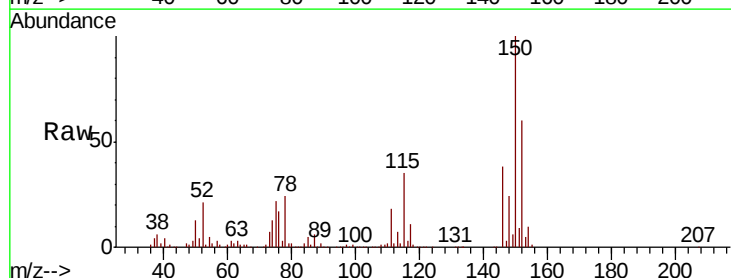
RT: 13.57 min Scan# 1913

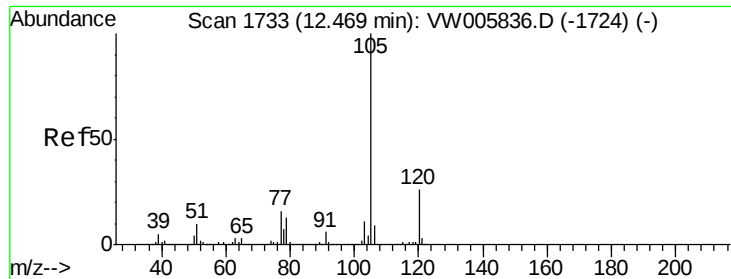
Delta R.T. -0.00 min

Lab File: VW005838.D

Acq: 04 Oct 2018 05:20

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.1	29.8	89.4
150	193.5	0.0	349.4





#73

Isopropylbenzene

Concen: 110.901 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005838.D

Acq: 04 Oct 2018 05:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion:105 Resp: 1185460

Ion Ratio Lower Upper

105 100

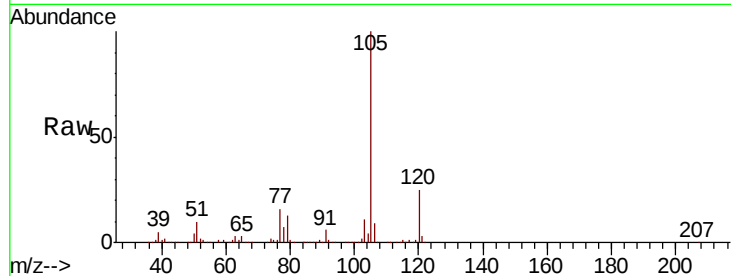
120 25.7 12.9 38.7

Manual Integrations

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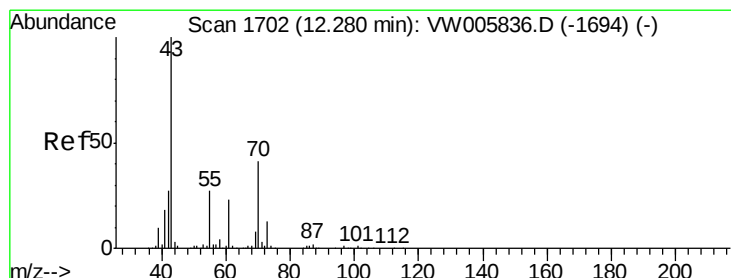
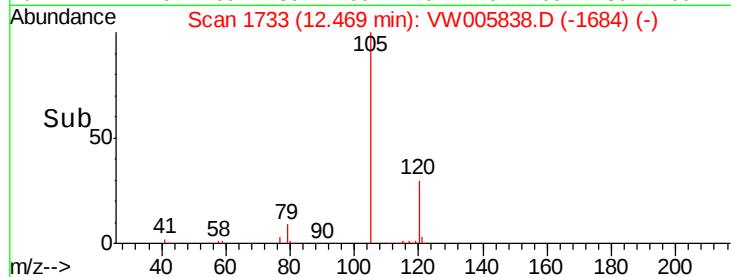
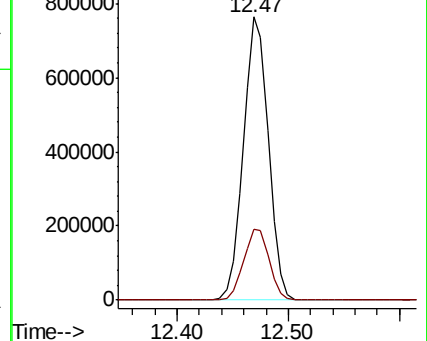
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 104.096 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005838.D

Acq: 04 Oct 2018 05:20

Tgt Ion: 43 Resp: 252667

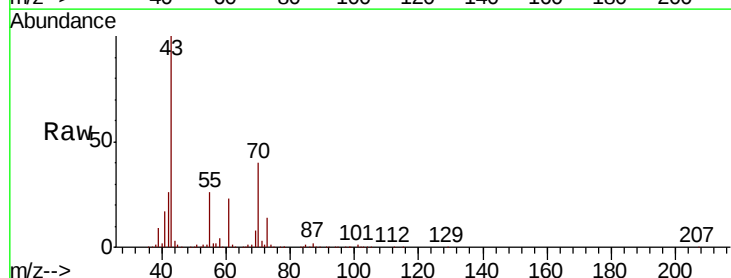
Ion Ratio Lower Upper

43 100

70 41.1 33.6 50.4

55 25.8 21.8 32.6

61 23.1 18.6 28.0

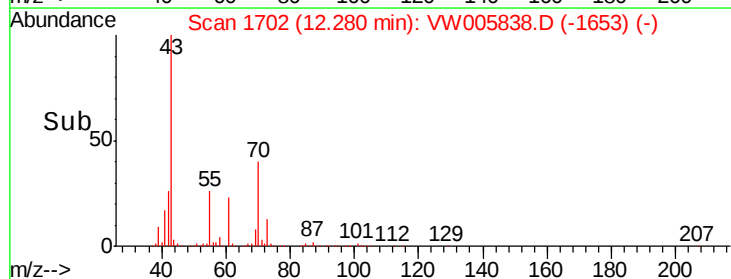
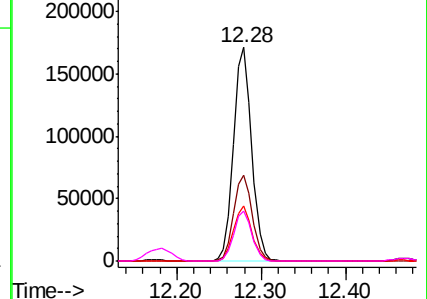


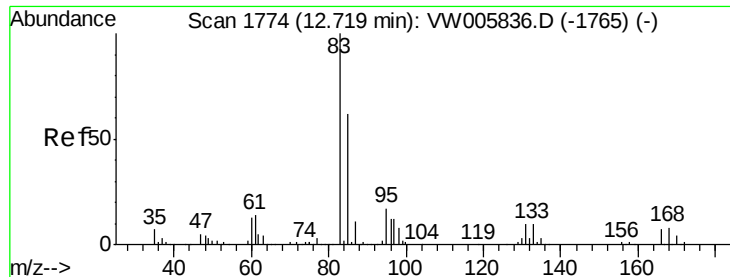
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 102.817 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005838.D

Acq: 04 Oct 2018 05:20

Instrument :

MSVOA_W

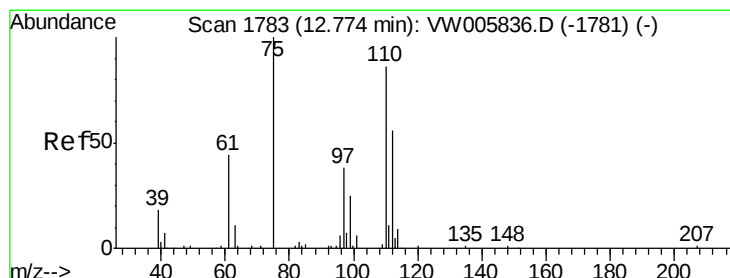
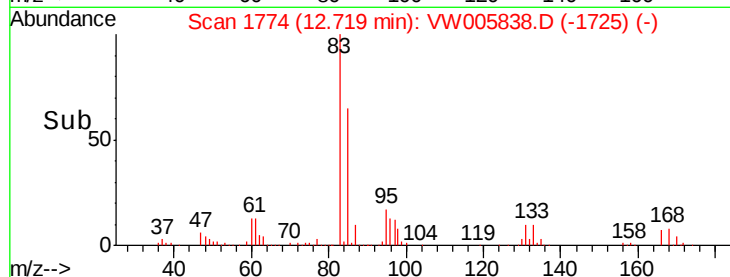
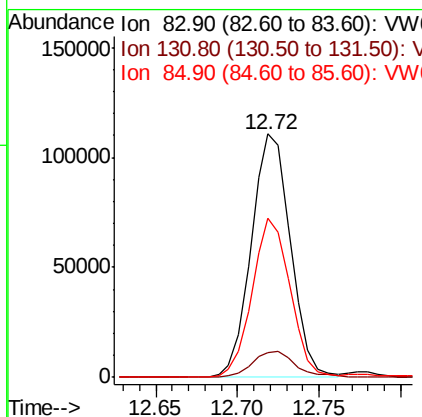
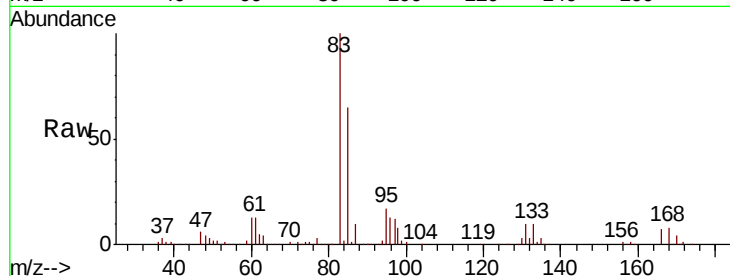
ClientSampleId :

VSTDIC100

Tot Ion:	83	Resp:	184911
Ion Ratio	Lower	Upper	
83	100		
131	11.9	5.9	17.6
85	63.5	31.8	95.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 101.044 ug/l m

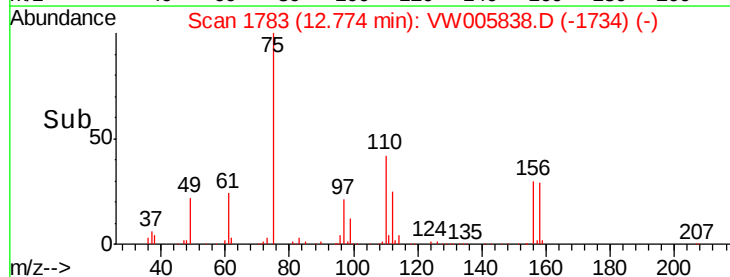
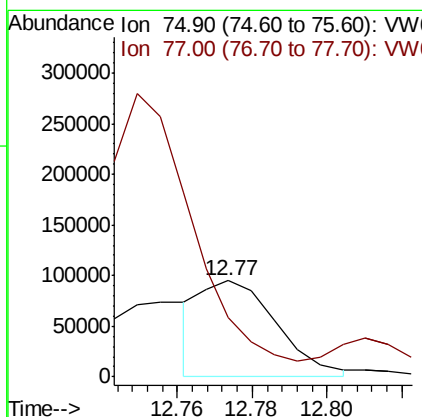
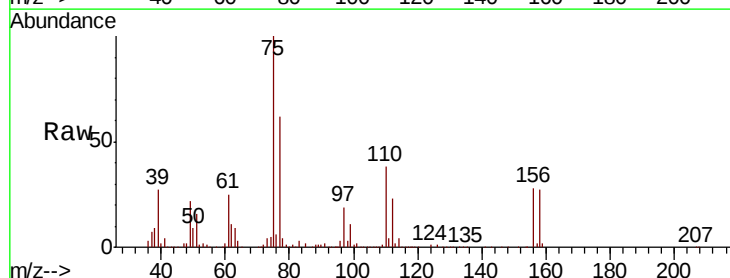
RT: 12.77 min Scan# 1783

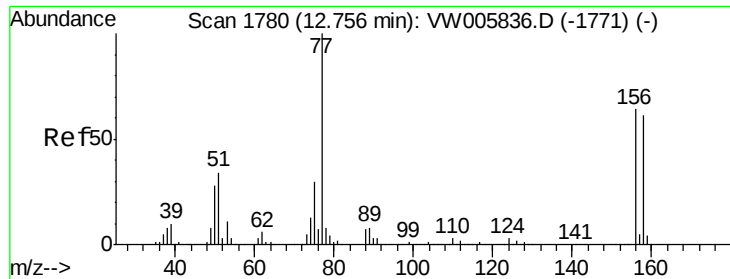
Delta R.T. -0.00 min

Lab File: VW005838.D

Acq: 04 Oct 2018 05:20

Tgt Ion:	75	Resp:	134871
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 109.181 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VW005838.D

Acq: 04 Oct 2018 05:20

Instrument :

MSVOA_W

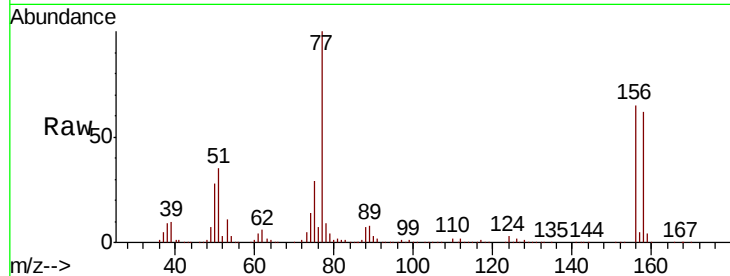
ClientSampleId :

VSTDIC100

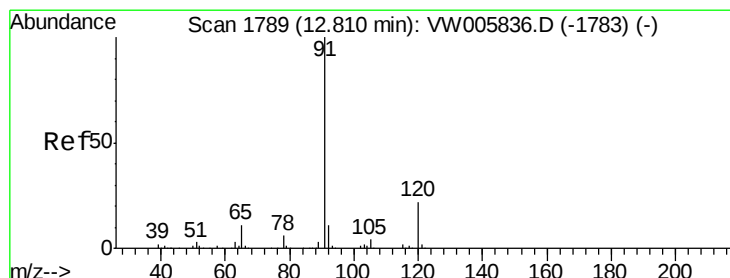
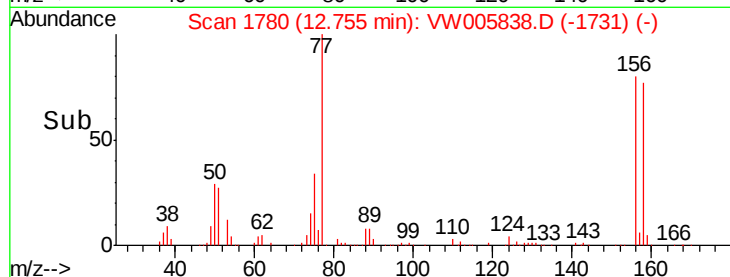
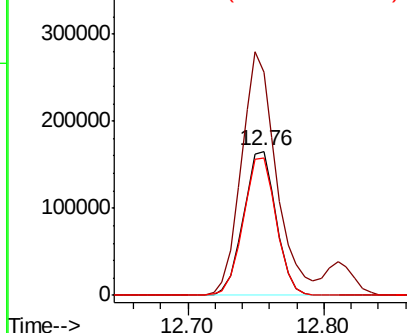
Tot Ion:	156	Resp:	276431
Ion Ratio	Lower	Upper	
156	100		
77	180.3	91.0	273.1
158	96.8	48.4	145.2

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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: 107.615 ug/l

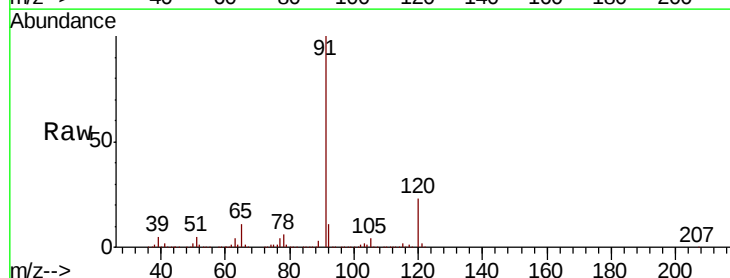
RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

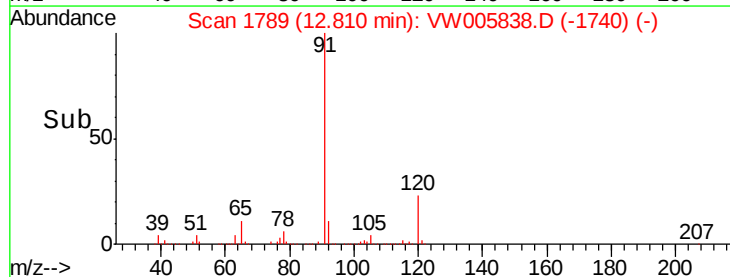
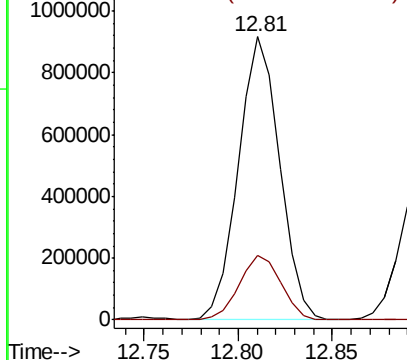
Lab File: VW005838.D

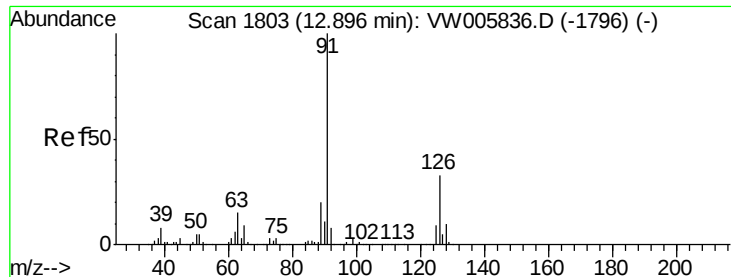
Acq: 04 Oct 2018 05:20

Tgt Ion:	91	Resp:	1388944
Ion Ratio	Lower	Upper	
91	100		
120	22.9	11.3	33.9



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 120.00 (119.70 to 120.70): V





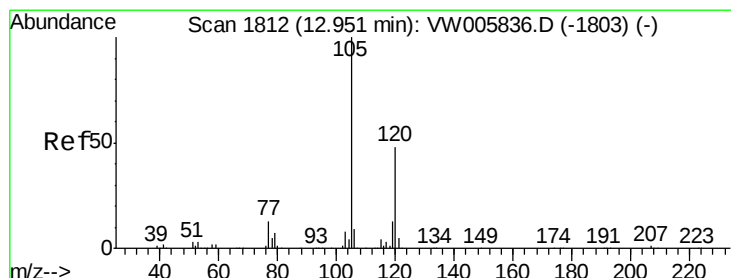
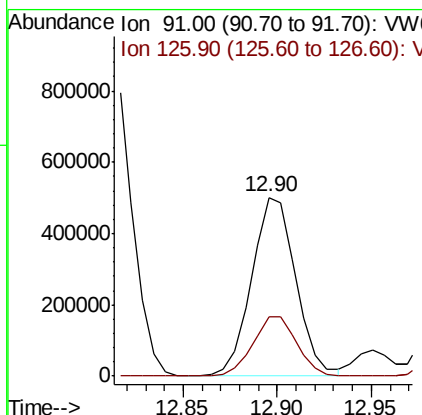
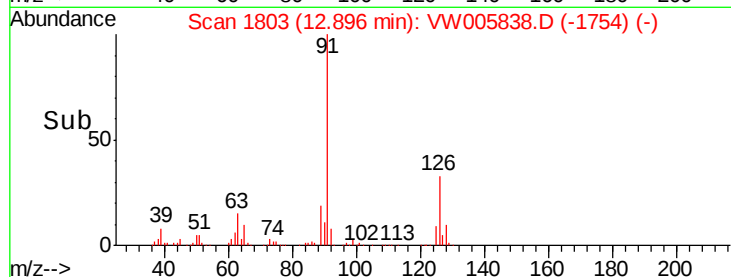
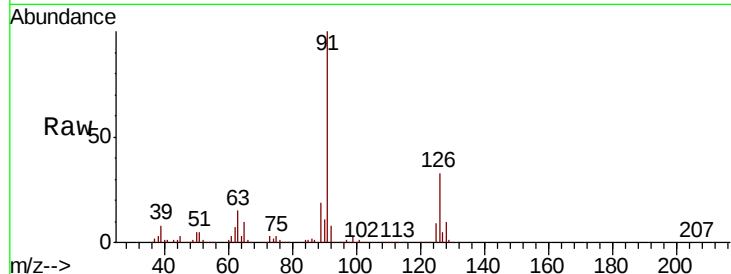
#79
 2-Chlorotoluene
 Concen: 108.455 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW005838.D
 Acq: 04 Oct 2018 05:20

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion: 91 Resp: 813486
 Ion Ratio Lower Upper
 91 100
 126 33.3 16.6 49.8

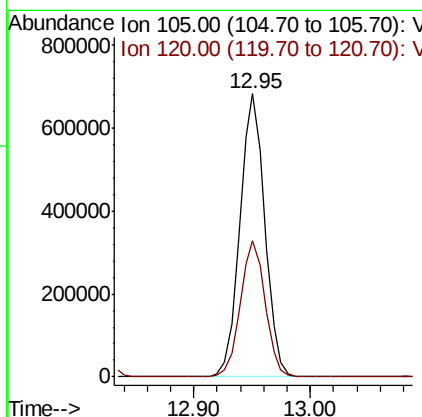
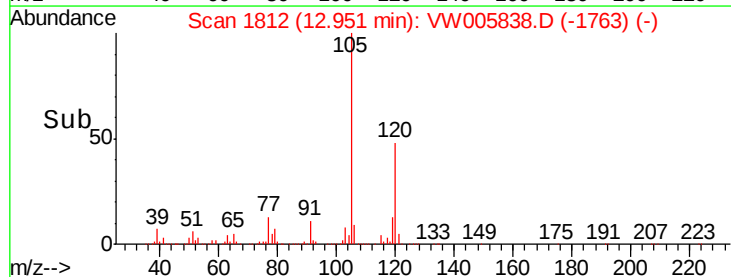
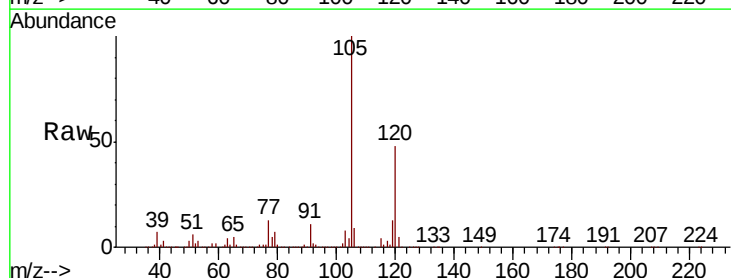
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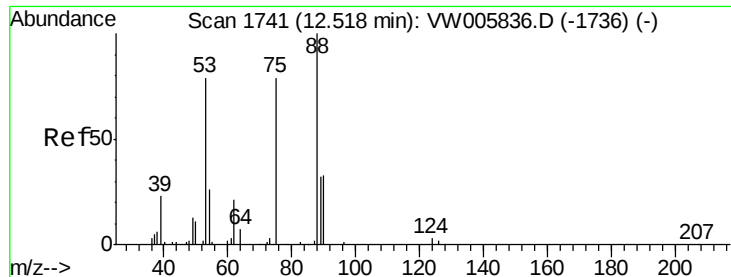
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#80
 1,3,5-Trimethylbenzene
 Concen: 109.072 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW005838.D
 Acq: 04 Oct 2018 05:20

Tgt Ion: 105 Resp: 1014576
 Ion Ratio Lower Upper
 105 100
 120 48.0 23.8 71.2





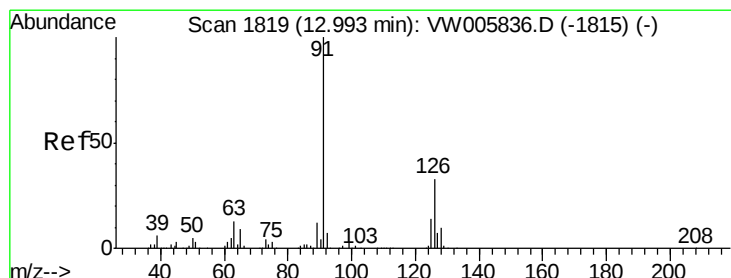
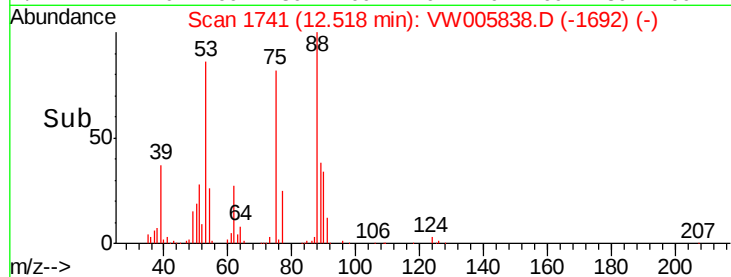
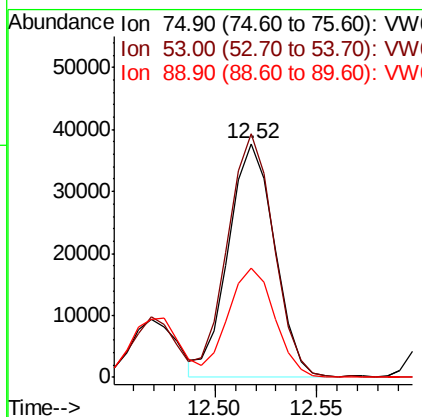
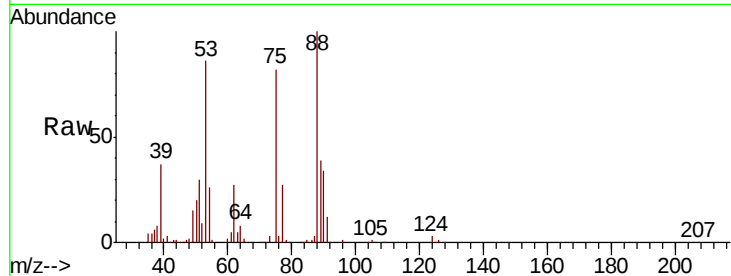
#81
trans-1,4-Dichloro-2-butene
Concen: 100.850 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW005838.D
Acq: 04 Oct 2018 05:20

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
75	100		
53	105.3	83.7	125.5
89	47.1	37.5	56.3

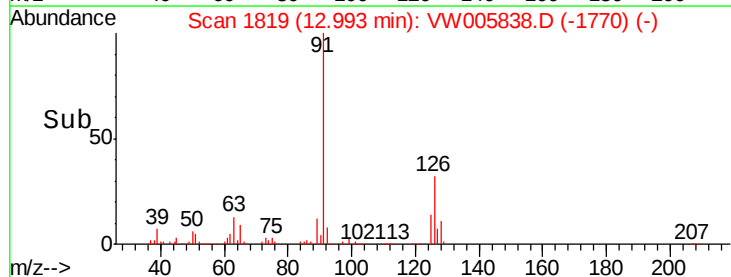
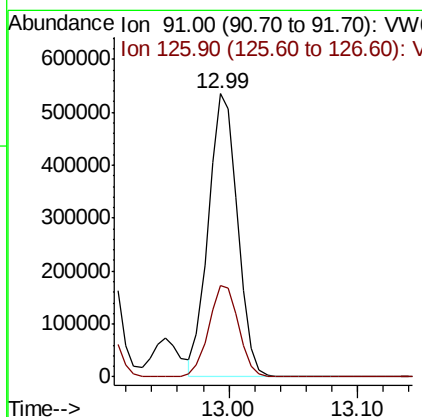
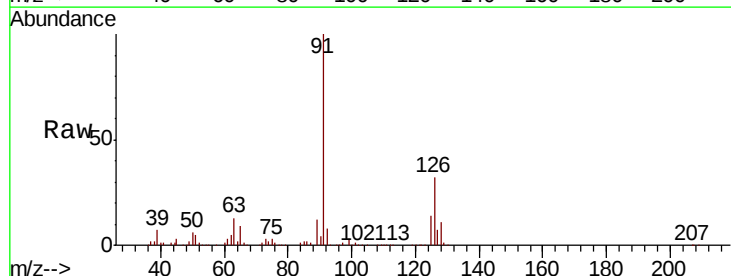
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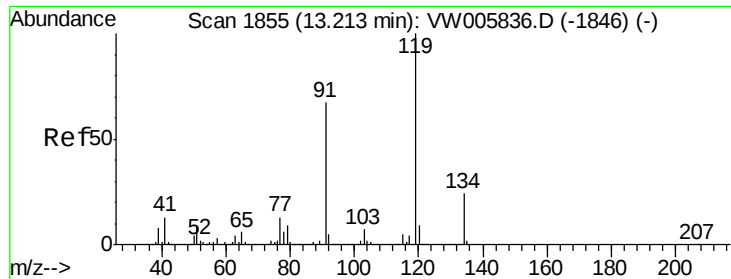
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#82
4-Chlorotoluene
Concen: 106.973 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW005838.D
Acq: 04 Oct 2018 05:20

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.1	16.7	50.0





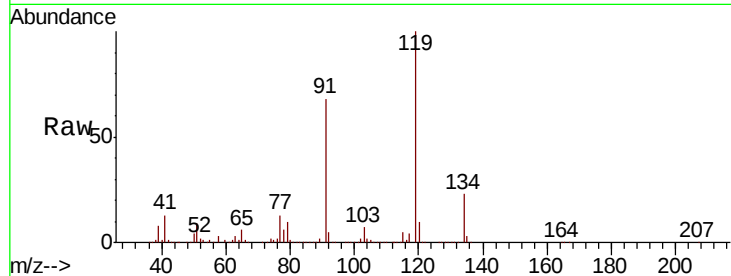
#83
tert-Butylbenzene
Concen: 110.421 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW005838.D
Acq: 04 Oct 2018 05:20

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

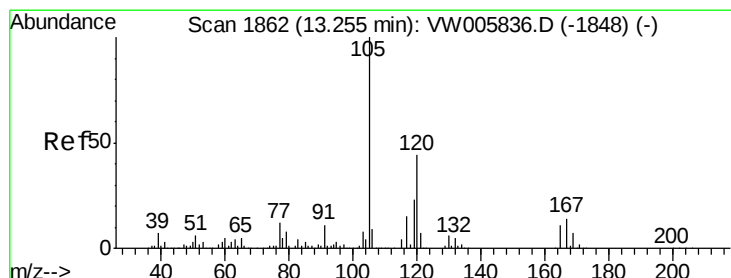
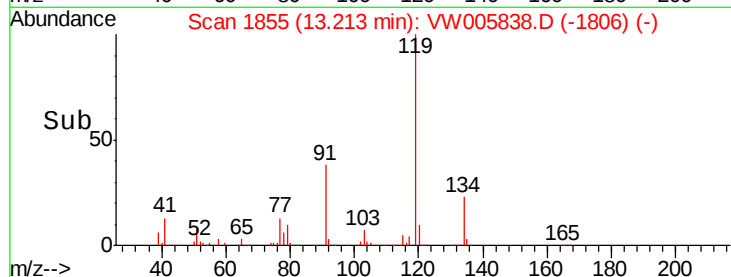
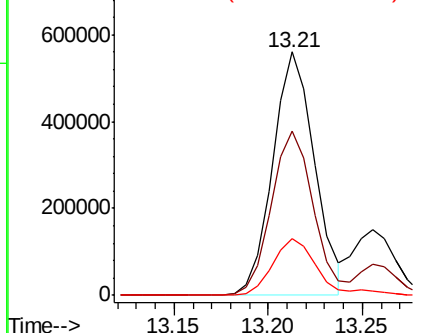
Tot Ion	Ratio	Lower	Upper
119	100		
91	68.4	33.4	100.2
134	25.2	12.8	38.3

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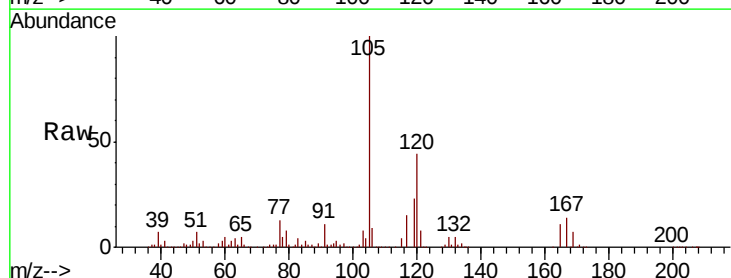


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

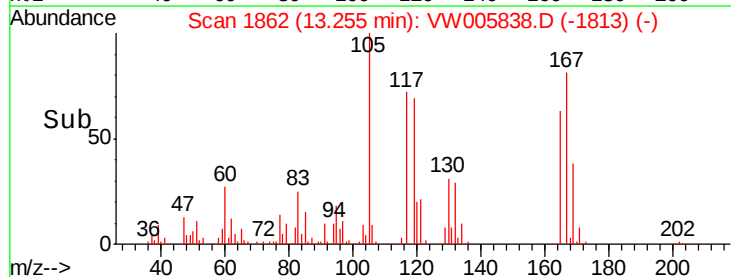
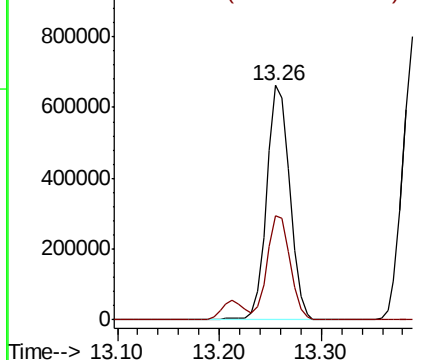


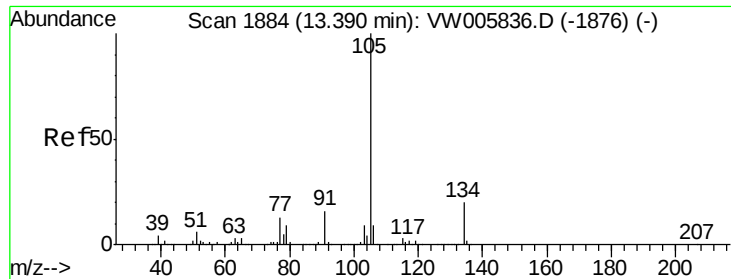
#84
1,2,4-Trimethylbenzene
Concen: 110.132 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW005838.D
Acq: 04 Oct 2018 05:20

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.0	21.9	65.7



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





#85

sec-Butylbenzene

Concen: 107.619 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW005838.D

Acq: 04 Oct 2018 05:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion:105 Resp: 1215656

Ion Ratio Lower Upper

105 100

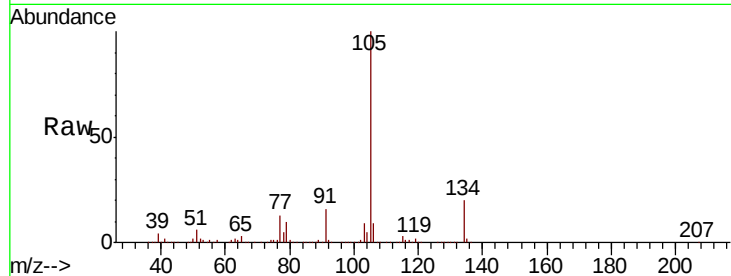
134 19.8 10.0 30.0

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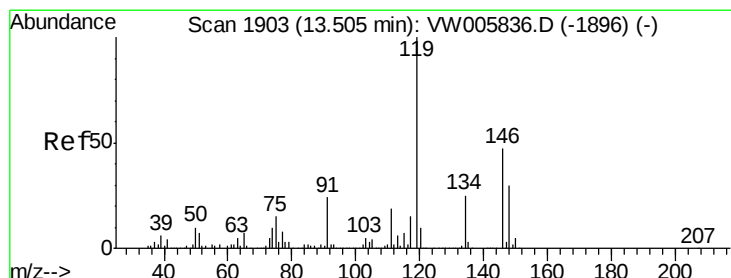
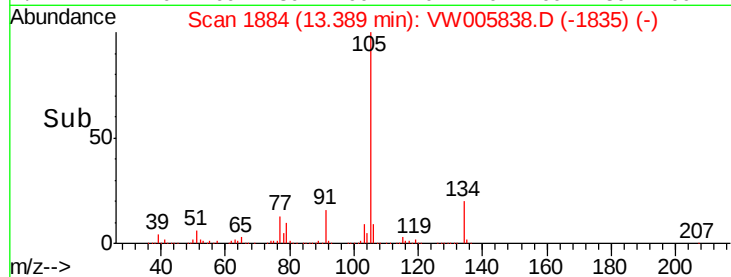
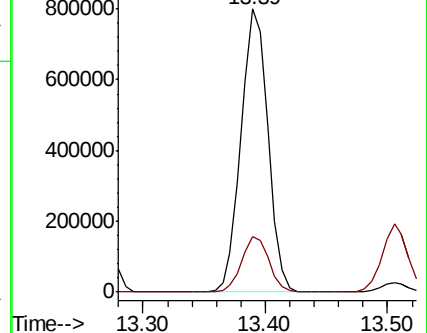
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 108.786 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005838.D

Acq: 04 Oct 2018 05:20

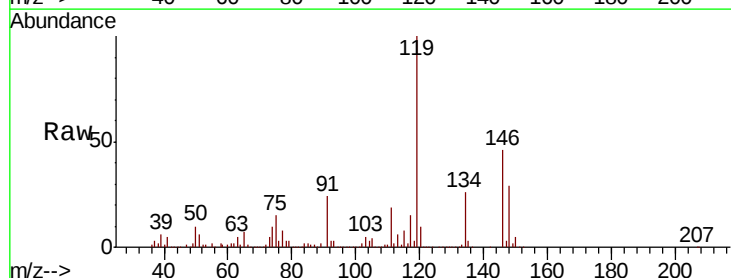
Tgt Ion:119 Resp: 1104782

Ion Ratio Lower Upper

119 100

134 25.6 12.7 38.0

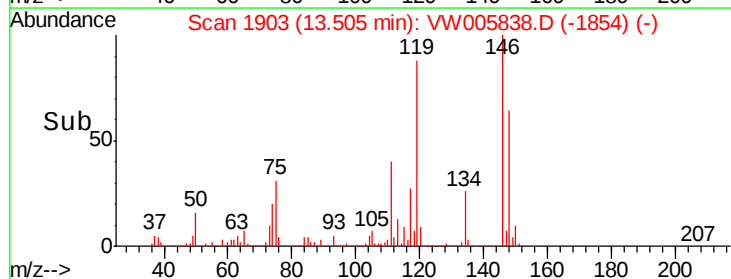
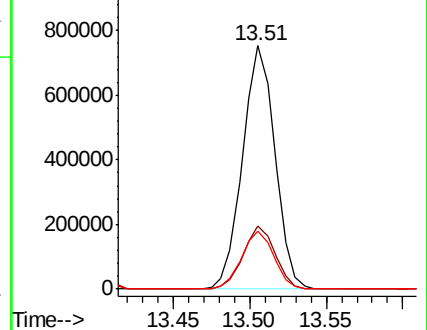
91 23.9 11.9 35.9

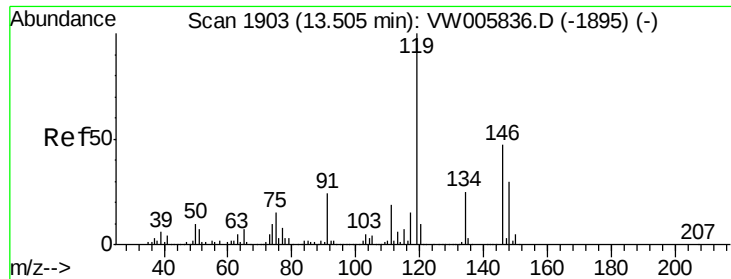


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





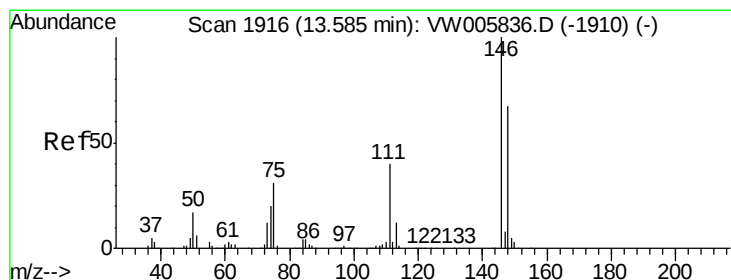
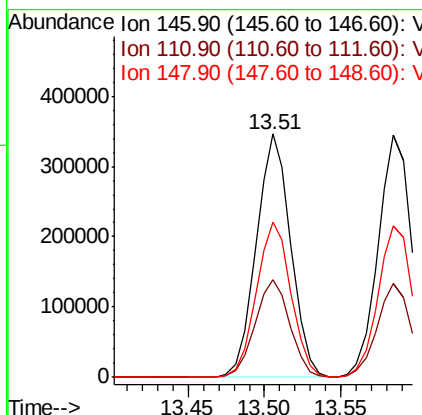
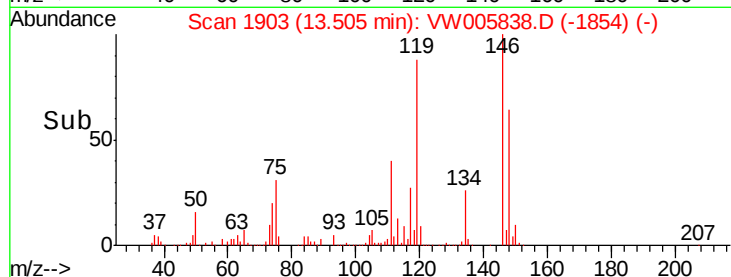
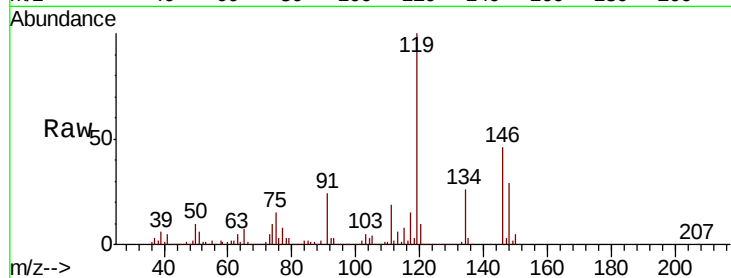
#87
 1,3-Dichlorobenzene
 Concen: 104.905 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005838.D
 Acq: 04 Oct 2018 05:20

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	19.9	59.7
148	64.2	32.0	96.2

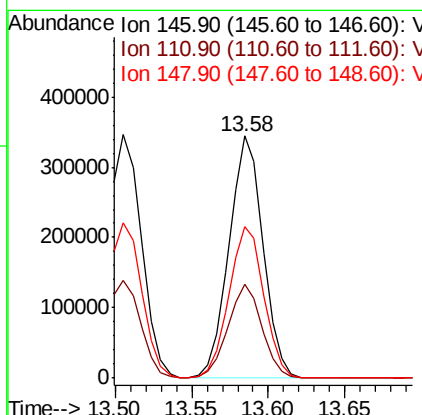
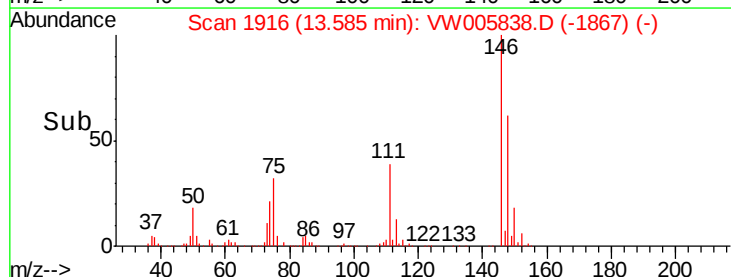
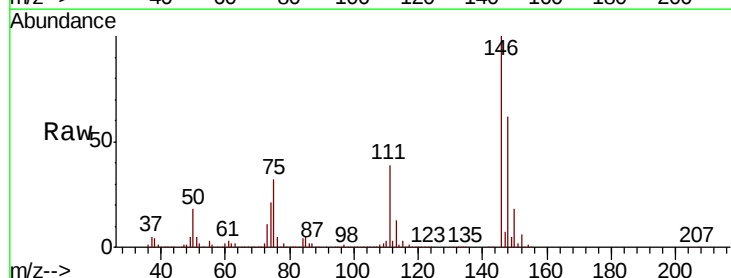
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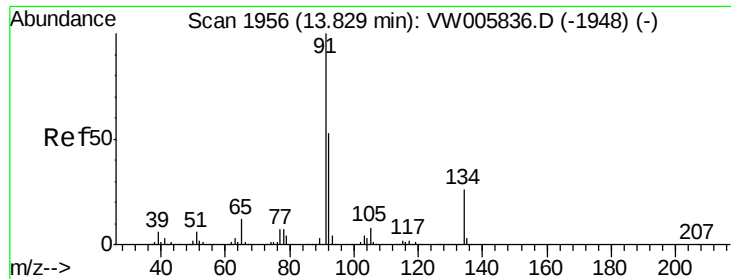
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#88
 1,4-Dichlorobenzene
 Concen: 103.421 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW005838.D
 Acq: 04 Oct 2018 05:20

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.7	59.1
148	63.9	32.1	96.5





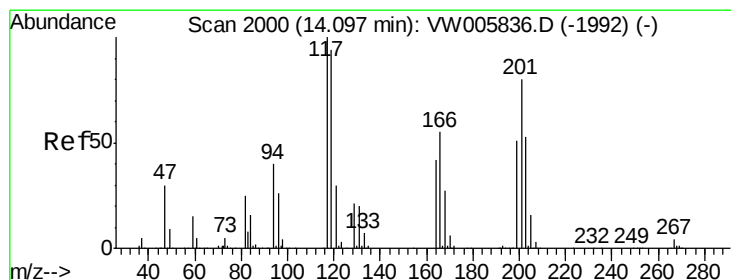
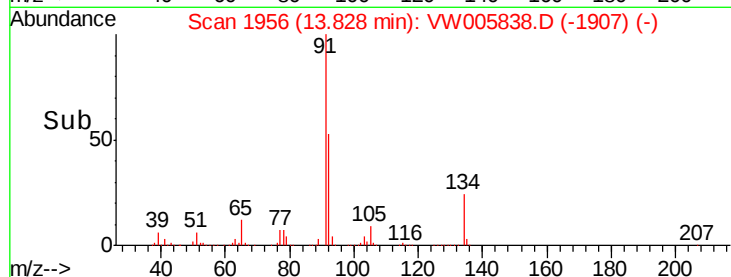
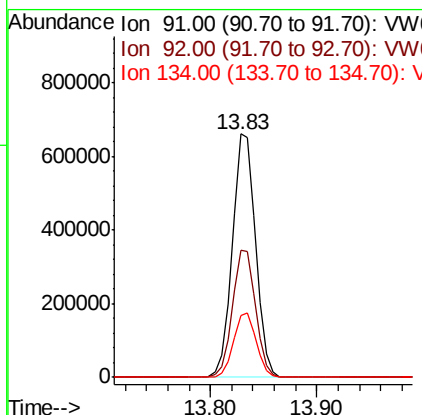
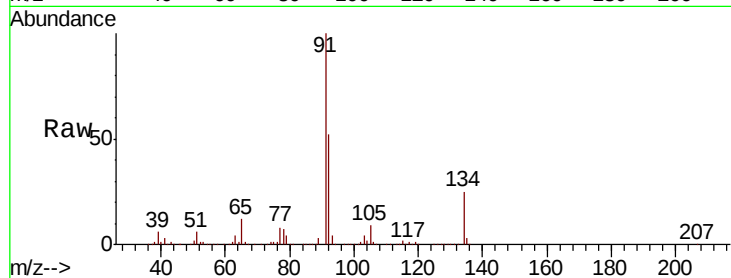
#89
n-Butylbenzene
Concen: 105.949 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW005838.D
Acq: 04 Oct 2018 05:20

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.2	78.5
134	25.9	13.1	39.1

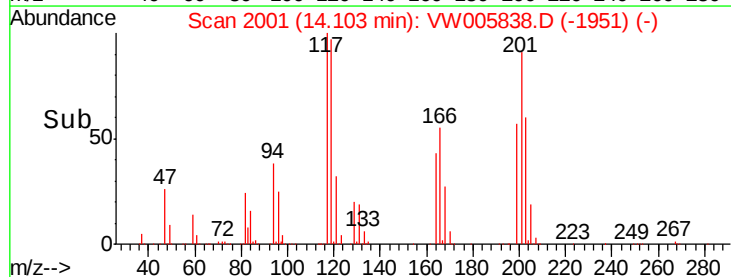
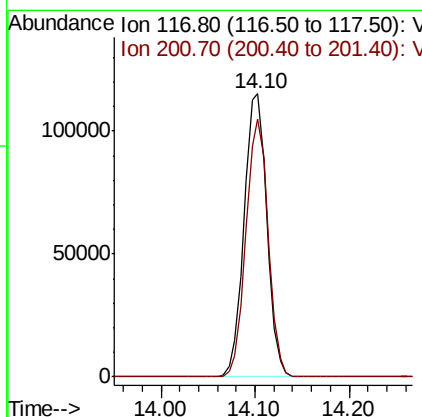
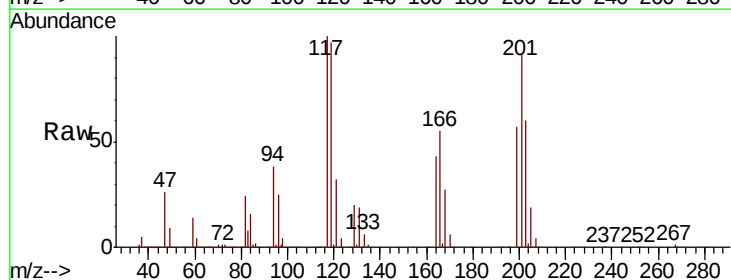
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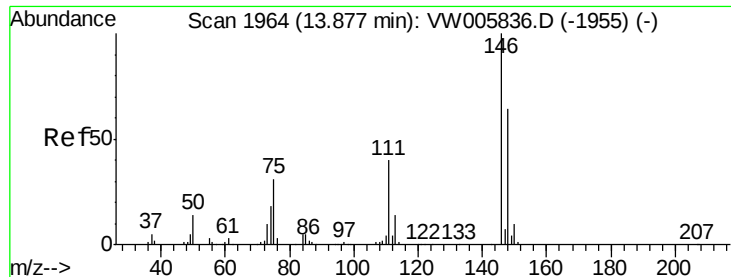
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#90
Hexachloroethane
Concen: 105.591 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. 0.01 min
Lab File: VW005838.D
Acq: 04 Oct 2018 05:20

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.2	43.7	131.1





#91

1,2-Dichlorobenzene

Concen: 105.425 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. -0.00 min

Lab File: VW005838.D

Acq: 04 Oct 2018 05:20

Instrument :

MSVOA_W

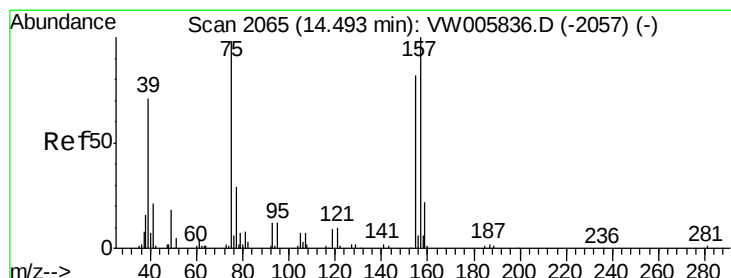
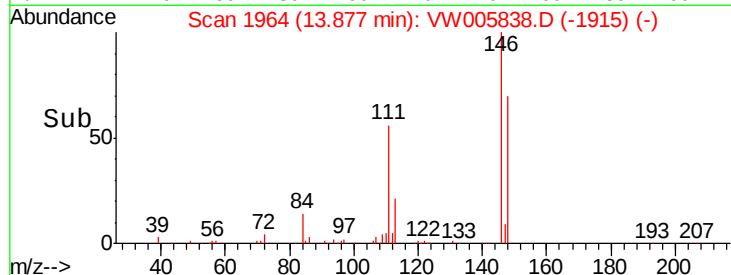
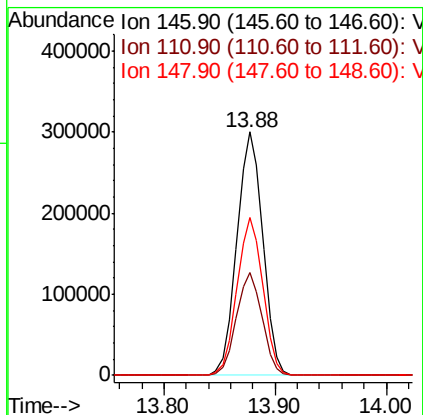
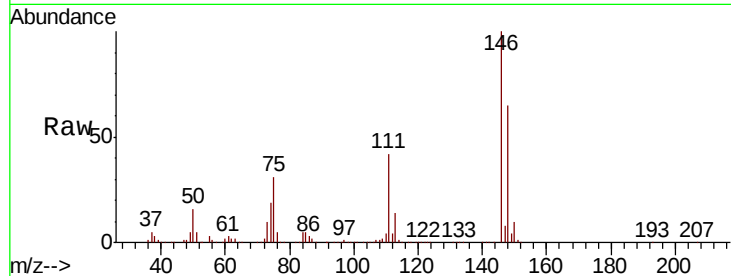
ClientSampled :

VSTDIC100

Tot Ion:	146	Resp:	482485
Ion Ratio	Lower	Upper	
146	100		
111	41.7	20.4	61.3
148	64.4	32.1	96.3

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#92

1,2-Dibromo-3-Chloropropane

Concen: 104.277 ug/l

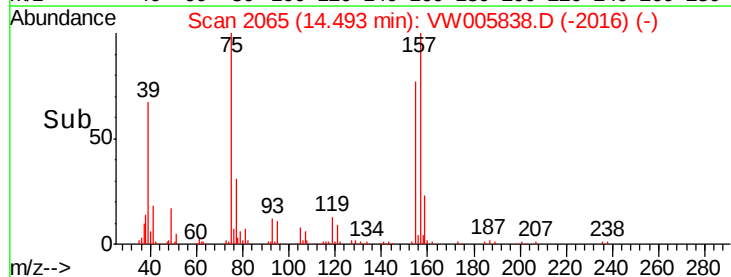
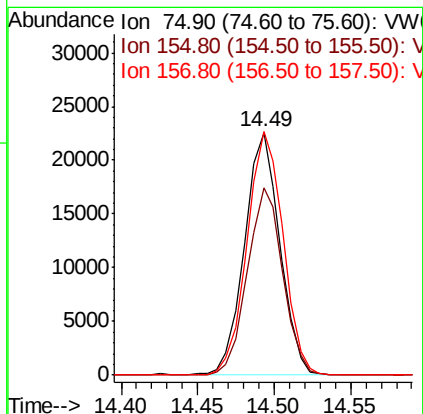
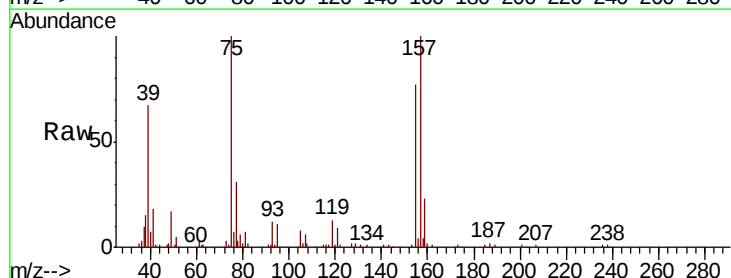
RT: 14.49 min Scan# 2065

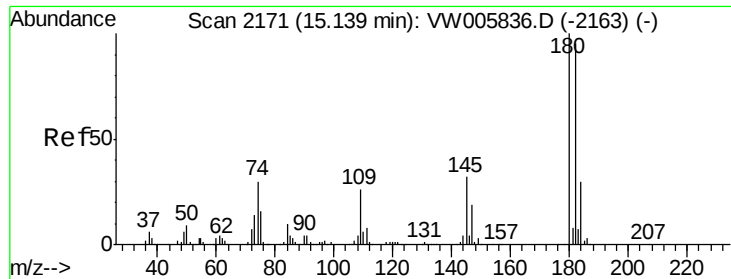
Delta R.T. -0.00 min

Lab File: VW005838.D

Acq: 04 Oct 2018 05:20

Tgt Ion:	75	Resp:	36111
Ion Ratio	Lower	Upper	
75	100		
155	77.6	41.3	123.9
157	102.8	51.9	155.7





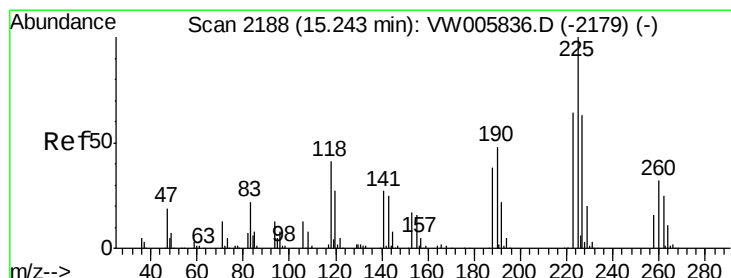
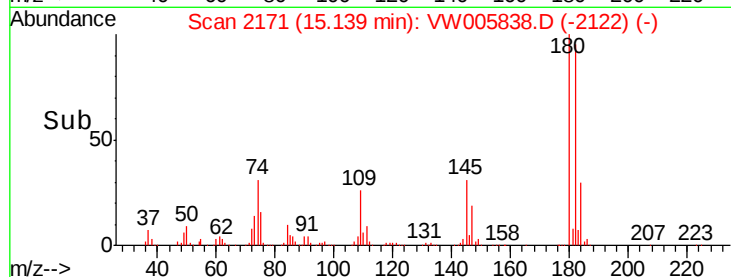
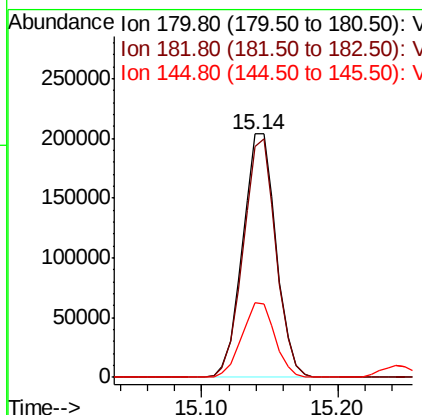
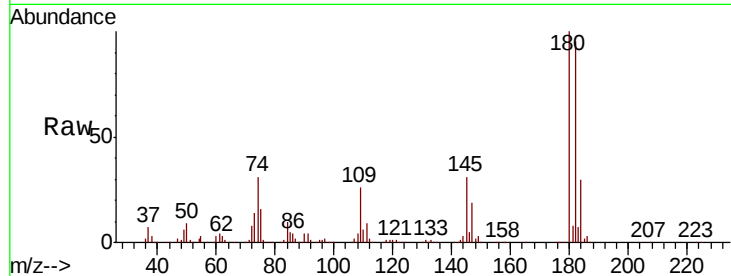
#93
 1,2,4-Trichlorobenzene
 Concen: 107.433 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW005838.D
 Acq: 04 Oct 2018 05:20

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
180	100	349023		
182	95.7	47.6	142.8	
145	30.4	15.0	45.0	

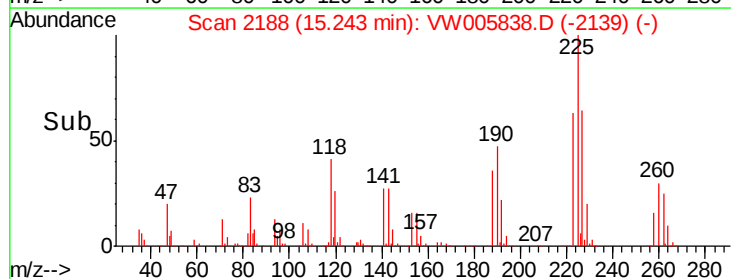
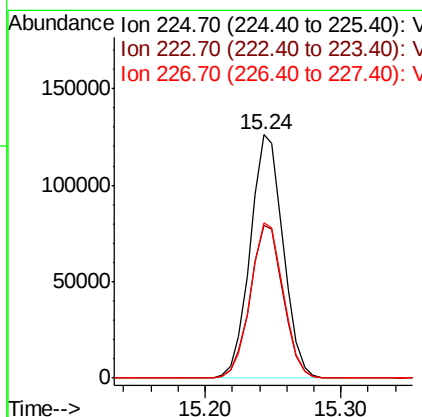
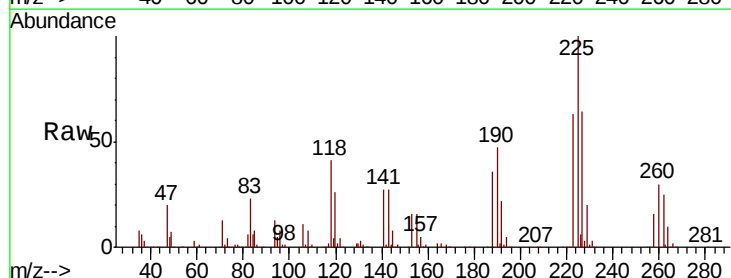
Manual Integrations
 APPROVED

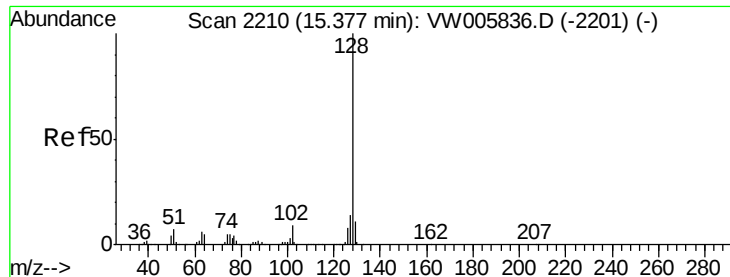
apatel
 10/4/2018 2:47:15 PM



#94
 Hexachlorobutadiene
 Concen: 102.077 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW005838.D
 Acq: 04 Oct 2018 05:20

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	213686		
223	62.8	31.2	93.6	
227	63.7	31.7	95.1	





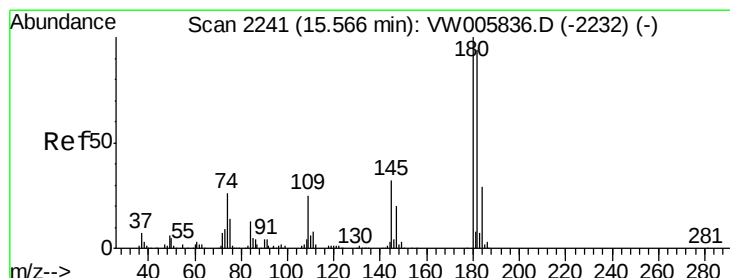
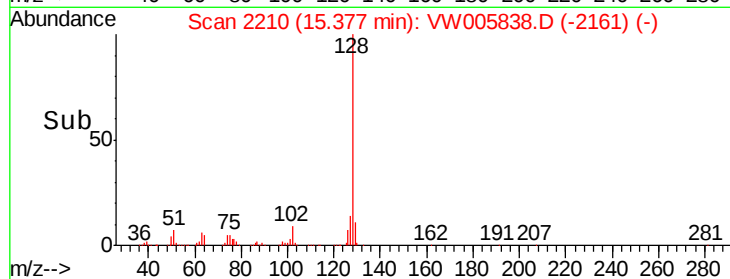
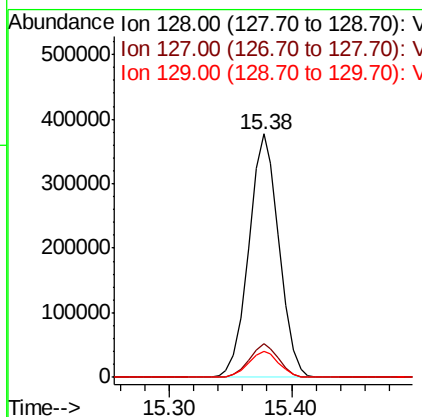
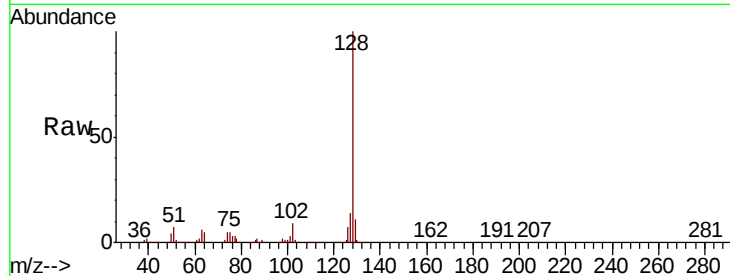
#95
Naphthalene
Concen: 116.578 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005838.D
Acq: 04 Oct 2018 05:20

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

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

Manual Integrations
APPROVED

apatel
10/4/2018 2:47:15 PM



#96
1,2,3-Trichlorobenzene
Concen: 109.626 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005838.D
Acq: 04 Oct 2018 05:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.3	142.0
145	31.7	16.1	48.2

