

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100418\
 Data File : VW005843.D
 Acq On : 04 Oct 2018 08:21
 Operator : SY/AP
 Sample : VW1004SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1004SBSD01

Manual Integrations
 APPROVED

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 10/4/2018 2:48:14 PM

Quant Time: Oct 04 09:21:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100418S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 04 07:08:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	176897	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	266419	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	269020	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	144838	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	104715	48.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.58%	
35) Dibromofluoromethane	7.89	113	85648	49.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.10%	
50) Toluene-d8	10.33	98	376271	54.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.54%	
62) 4-Bromofluorobenzene	12.62	95	138623	54.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	20623	20.414	ug/l	98
3) Chloromethane	2.21	50	23945	19.670	ug/l	100
4) Vinyl Chloride	2.37	62	36436	20.440	ug/l	98
5) Bromomethane	2.78	94	24270	19.537	ug/l	97
6) Chloroethane	2.93	64	22795	20.909	ug/l	97
7) Trichlorofluoromethane	3.26	101	26409	21.542	ug/l	93
8) Diethyl Ether	3.68	74	18574	19.980	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	35580	20.985	ug/l	99
10) Methyl Iodide	4.26	142	56015	20.360	ug/l	98
11) Tert butyl alcohol	5.23	59	10278	79.204	ug/l #	82
12) 1,1-Dichloroethene	4.03	96	34109	20.531	ug/l	96
13) Acrolein	3.90	56	14224	109.096	ug/l	99
14) Allyl chloride	4.67	41	53648	19.897	ug/l	99
15) Acrylonitrile	5.38	53	35814	90.911	ug/l	99
16) Acetone	4.14	43	36350	101.495	ug/l	97
17) Carbon Disulfide	4.37	76	101299	19.284	ug/l	99
18) Methyl Acetate	4.68	43	19354	19.001	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	50917	19.522	ug/l	99
20) Methylene Chloride	4.92	84	46467	18.927	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	34582	19.071	ug/l	92
22) Diisopropyl ether	6.32	45	99420	18.789	ug/l	97
23) Vinyl Acetate	6.26	43	275611	91.691	ug/l	99
24) 1,1-Dichloroethane	6.21	63	64355	18.743	ug/l	96
25) 2-Butanone	7.18	43	45336	89.988	ug/l	99
26) 2,2-Dichloropropane	7.17	77	41057	19.151	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	37998	18.799	ug/l	99
28) Bromochloromethane	7.52	49	23243	19.166	ug/l #	100
29) Tetrahydrofuran	7.54	42	27280	87.714	ug/l	97
30) Chloroform	7.68	83	68534	18.625	ug/l	99
31) Cyclohexane	7.96	56	54419	18.540	ug/l	87
32) 1,1,1-Trichloroethane	7.87	97	62236	19.817	ug/l	100
36) 1,1-Dichloropropene	8.09	75	50640	19.122	ug/l	100
37) Ethyl Acetate	7.26	43	19540	17.729	ug/l	96
38) Carbon Tetrachloride	8.07	117	58305	19.759	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	57315	19.225	ug/l	95
40) Benzene	8.33	78	144523	18.830	ug/l	99
41) Methacrylonitrile	7.49	41	12415	18.850	ug/l	93
42) 1,2-Dichloroethane	8.40	62	49494	19.173	ug/l	99
43) Isopropyl Acetate	8.43	43	40495	18.588	ug/l	99
44) Trichloroethene	9.10	130	38456	18.958	ug/l	99
45) 1,2-Dichloropropane	9.37	63	33859	18.630	ug/l	93
46) Dibromomethane	9.46	93	18512	18.624	ug/l	98
47) Bromodichloromethane	9.65	83	49648	18.873	ug/l	98
48) Methyl methacrylate	9.44	41	18851	17.873	ug/l	95
49) 1,4-Dioxane	9.48	88	6222	400.636	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	113186	99.867	ug/l	100
52) Toluene	10.39	92	101894	20.830	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	51304	19.974	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	57369	19.949	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	28860	20.098	ug/l	99
56) Ethyl methacrylate	10.65	69	34339	19.967	ug/l	98
57) 1,3-Dichloropropane	10.94	76	50206	20.537	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	70970	100.381	ug/l	100
59) 2-Hexanone	10.98	43	75593	99.720	ug/l	99
60) Dibromochloromethane	11.13	129	36410	20.312	ug/l	99
61) 1,2-Dibromoethane	11.24	107	27441	20.573	ug/l	97
64) Tetrachloroethene	10.87	164	42056	20.028	ug/l	97
65) Chlorobenzene	11.66	112	112596	19.142	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	41414	18.995	ug/l	99
67) Ethyl Benzene	11.74	91	196360	19.495	ug/l	100
68) m/p-Xylenes	11.84	106	152282	39.236	ug/l	99
69) o-Xylene	12.17	106	71207	19.739	ug/l	99
70) Styrene	12.19	104	118331	19.338	ug/l	99
71) Bromoform	12.35	173	22718	18.928	ug/l #	100
73) Isopropylbenzene	12.47	105	200988	20.168	ug/l	99
74) N-amyl acetate	12.28	43	41069	18.936	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	33631	19.669	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	24118m	18.323	ug/l	
77) Bromobenzene	12.75	156	48525	19.722	ug/l	99
78) n-propylbenzene	12.81	91	238102	20.087	ug/l	99
79) 2-Chlorotoluene	12.90	91	140766	19.939	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	176727	20.421	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	9552	18.344	ug/l	98
82) 4-Chlorotoluene	12.99	91	147787	19.859	ug/l	99
83) tert-Butylbenzene	13.21	119	147632	20.455	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	179209	20.168	ug/l	99
85) sec-Butylbenzene	13.39	105	213342	20.477	ug/l	100
86) p-Isopropyltoluene	13.51	119	188453	20.152	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	98063	19.756	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	95803	19.345	ug/l	99
89) n-Butylbenzene	13.83	91	169999	19.738	ug/l	100
90) Hexachloroethane	14.10	117	34448	19.591	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	88489	19.829	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6584	19.917	ug/l	92

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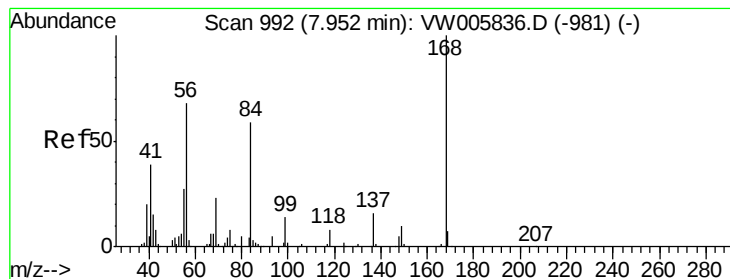
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	60789	19.491	ug/l	99
94) Hexachlorobutadiene	15.24	225	39740	20.151	ug/l	100
95) Naphthalene	15.38	128	105180	19.132	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	55749	19.883	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: VW005843.D

Acq: 04 Oct 2018 08:21

Instrument :

MSVOA_W

ClientSampleId :

VW1004SBSD01

Tot Ion:168 Resp: 176897

Ion Ratio Lower Upper

168 100

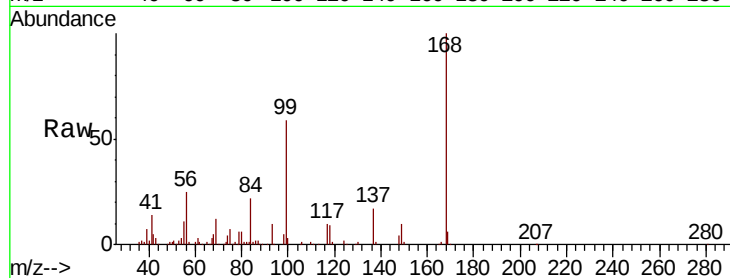
99 58.6 45.4 68.2

Manual Integrations

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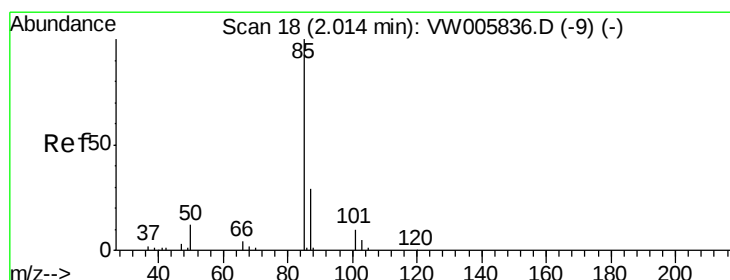
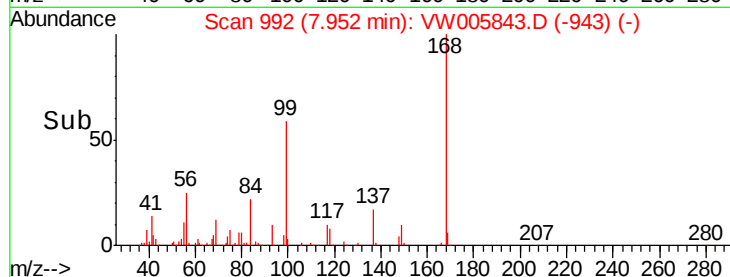
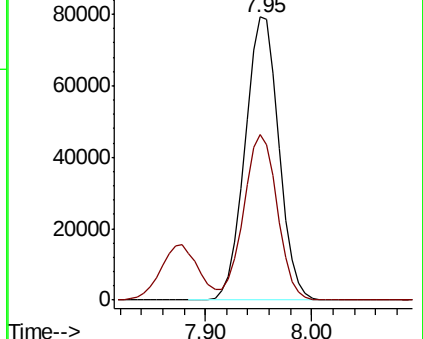
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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 20.414 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW005843.D

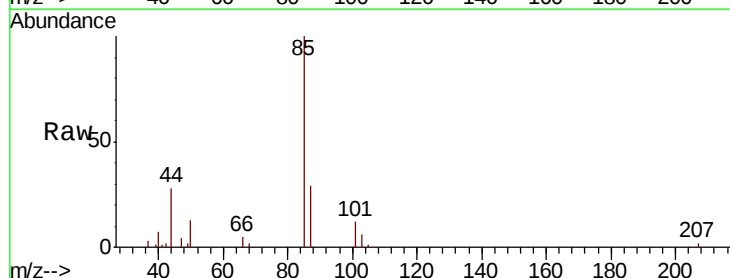
Acq: 04 Oct 2018 08:21

Tgt Ion: 85 Resp: 20623

Ion Ratio Lower Upper

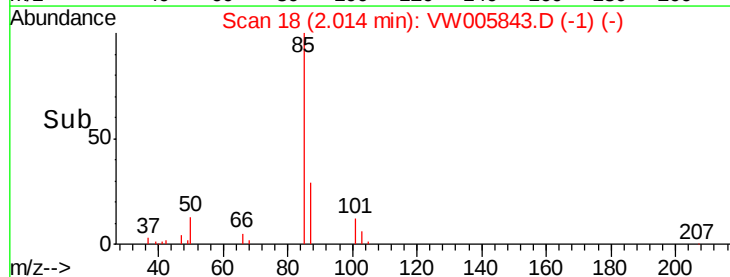
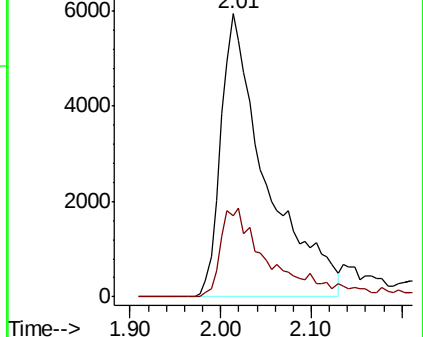
85 100

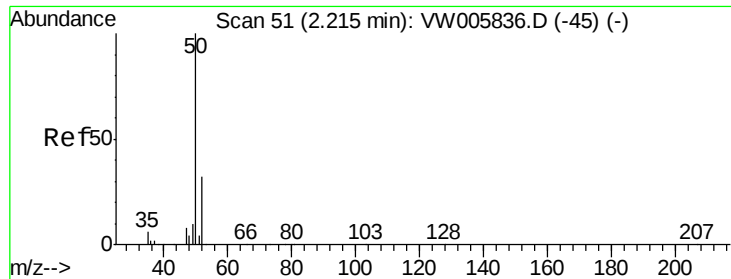
87 28.5 14.8 44.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 19.670 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW005843.D

Acq: 04 Oct 2018 08:21

Instrument :

MSVOA_W

ClientSampleId :

VW1004SBSD01

Tot Ion: 50 Resp: 23945

Ion Ratio Lower Upper

50 100

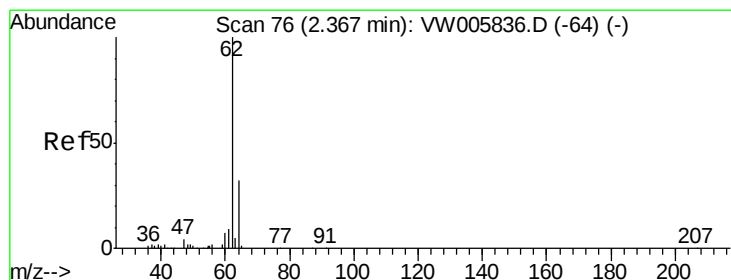
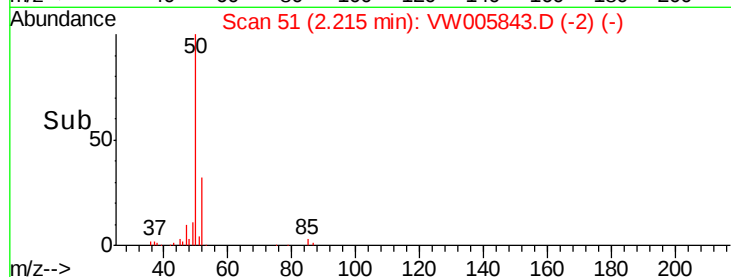
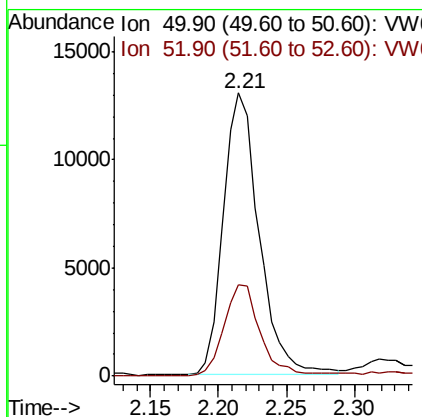
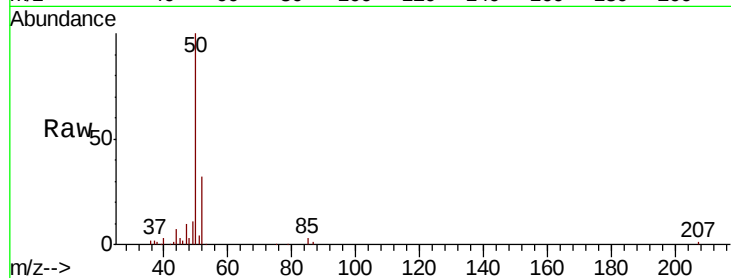
52 32.3 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.440 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW005843.D

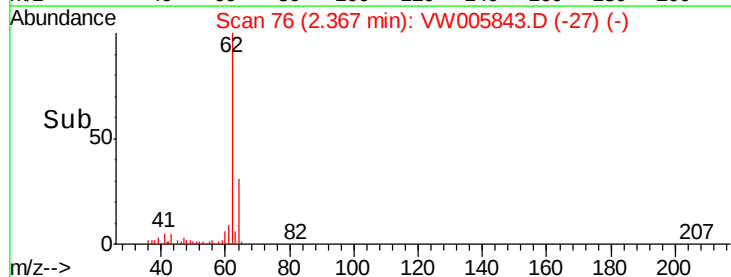
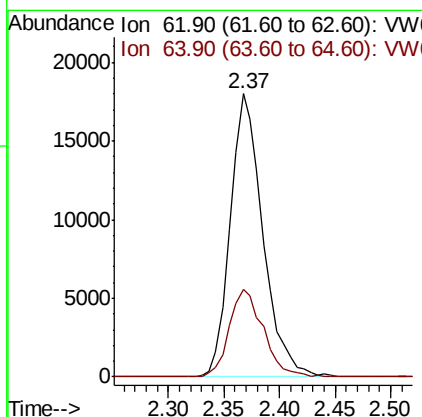
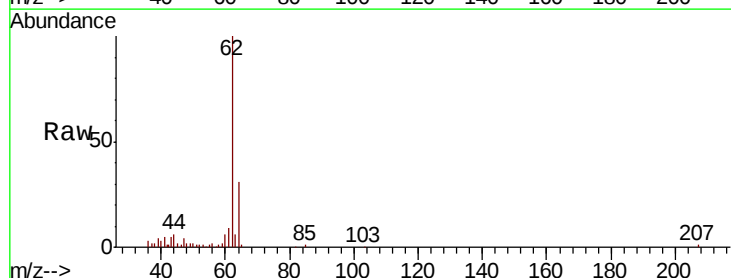
Acq: 04 Oct 2018 08:21

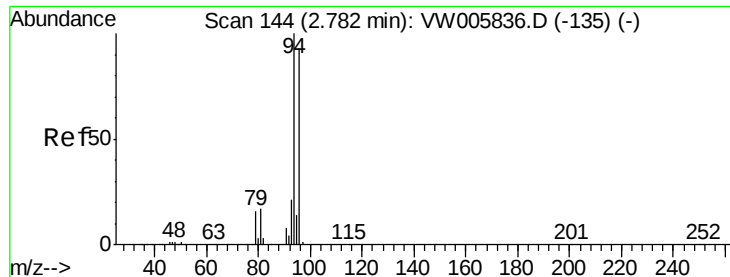
Tgt Ion: 62 Resp: 36436

Ion Ratio Lower Upper

62 100

64 30.7 25.7 38.5





#5

Bromomethane

Concen: 19.537 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW005843.D

Acq: 04 Oct 2018 08:21

Instrument :

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ClientSampleId :

VW1004SBSD01

Tot Ion: 94 Resp: 24270

Ion Ratio Lower Upper

94 100

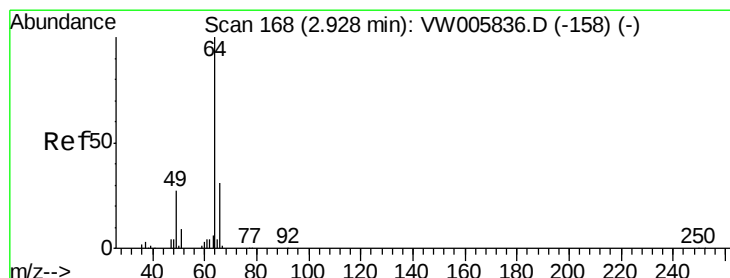
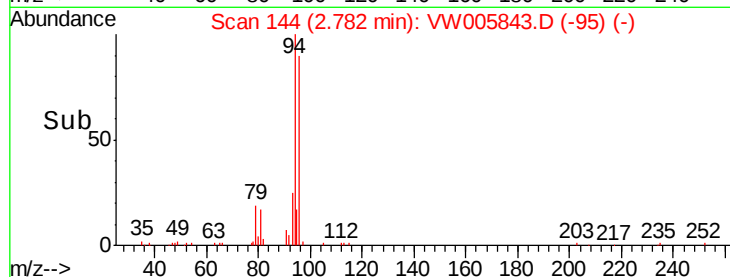
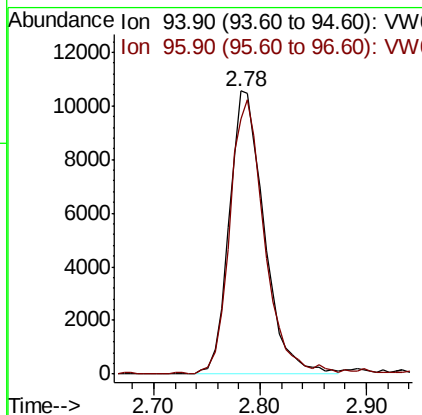
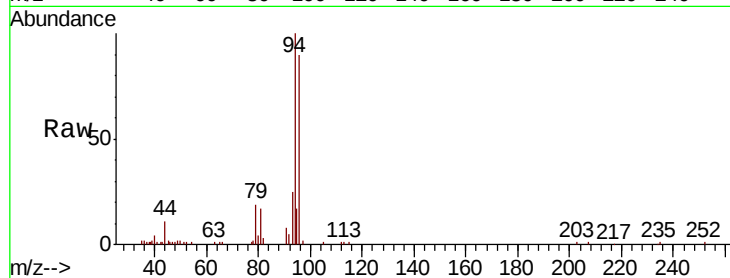
96 90.3 74.5 111.7

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#6

Chloroethane

Concen: 20.909 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW005843.D

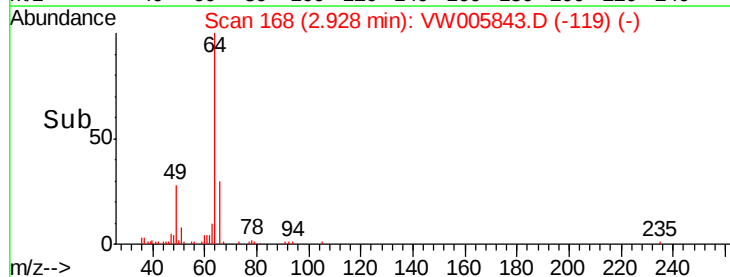
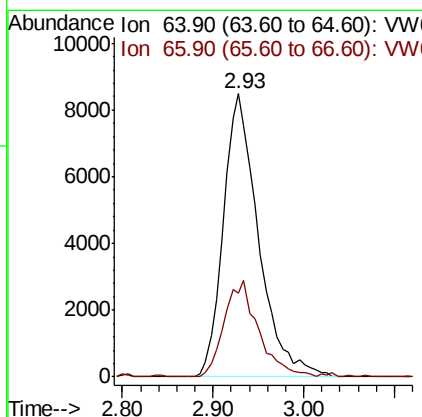
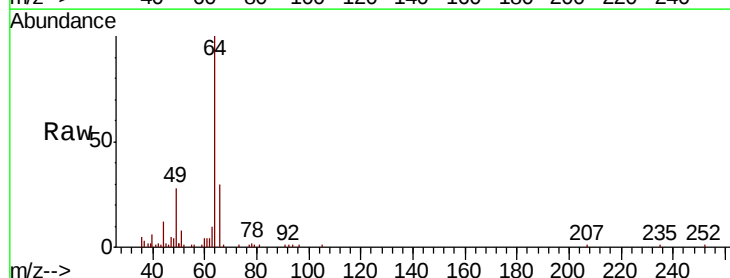
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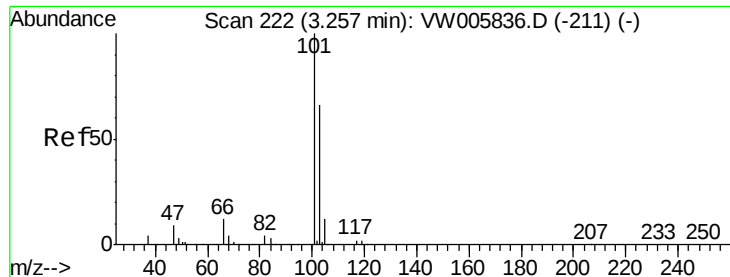
Tgt Ion: 64 Resp: 22795

Ion Ratio Lower Upper

64 100

66 29.6 25.0 37.6





#7

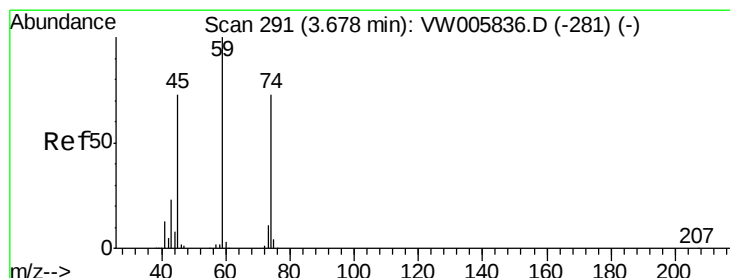
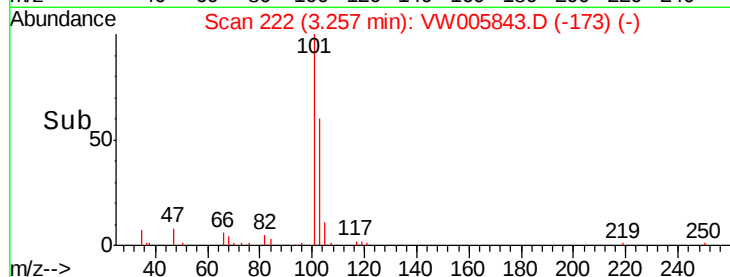
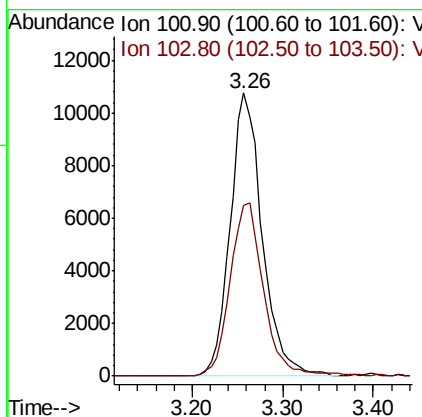
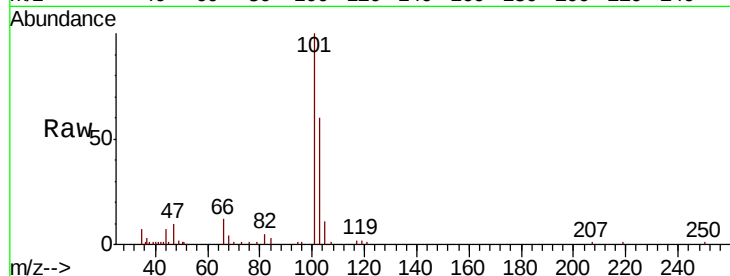
Trichlorofluoromethane
 Concen: 21.542 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW005843.D
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		26409		
103	60.3	52.5	78.7		

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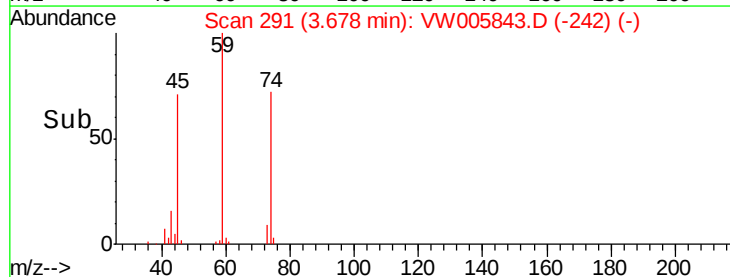
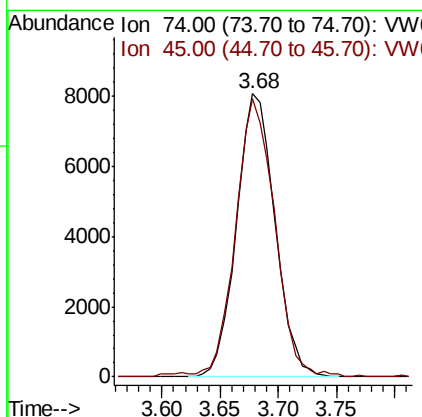
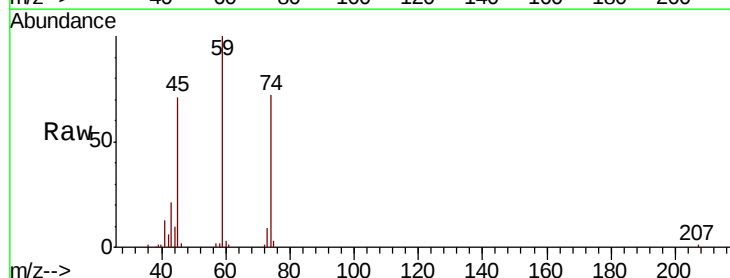
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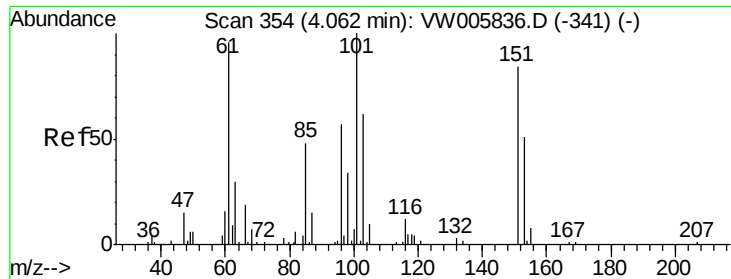


#8

Diethyl Ether
 Concen: 19.980 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW005843.D
 Acq: 04 Oct 2018 08:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		18574		
45	100.8	49.1	147.4		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.985 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW005843.D

Acq: 04 Oct 2018 08:21

Instrument :

MSVOA_W

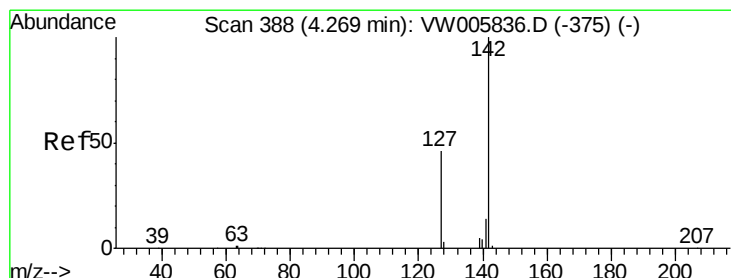
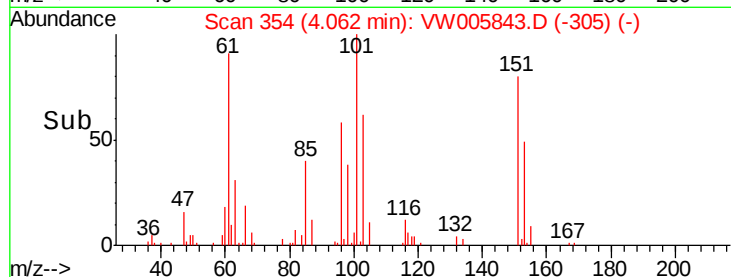
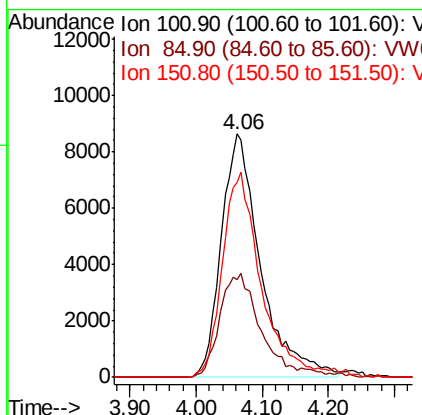
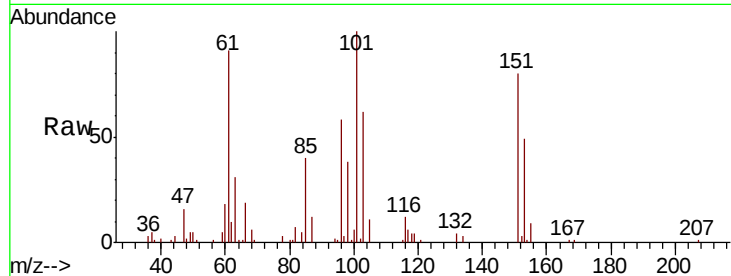
ClientSampleId :

VW1004SBS01

Tot Ion:	101	Resp:	35580
Ion Ratio	Lower	Upper	
101	100		
85	45.6	35.5	53.3
151	83.7	67.4	101.2

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#10

Methyl Iodide

Concen: 20.360 ug/l

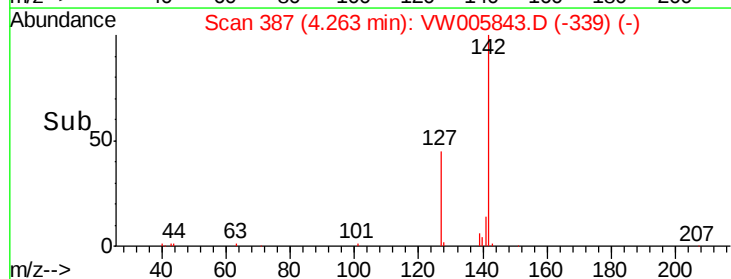
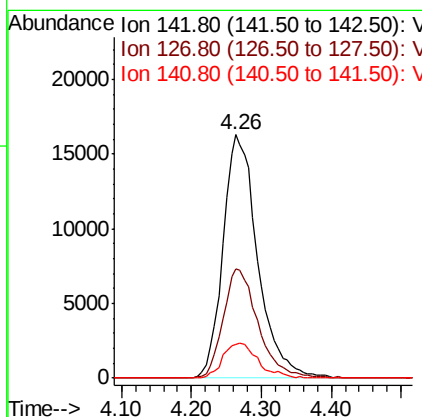
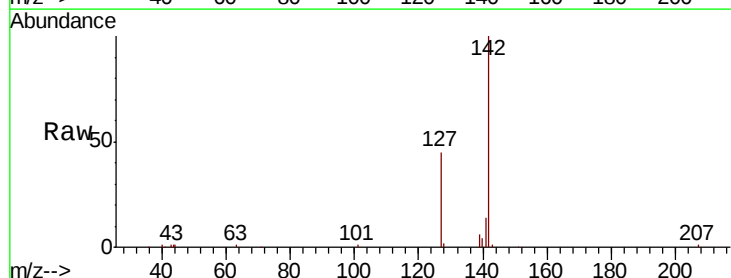
RT: 4.26 min Scan# 387

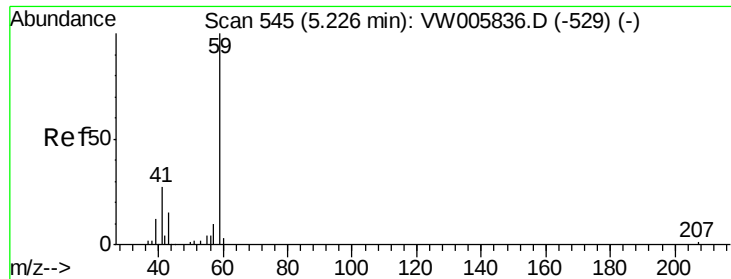
Delta R.T. -0.01 min

Lab File: VW005843.D

Acq: 04 Oct 2018 08:21

Tgt Ion:	142	Resp:	56015
Ion Ratio	Lower	Upper	
142	100		
127	45.3	37.4	56.0
141	14.6	12.2	18.2





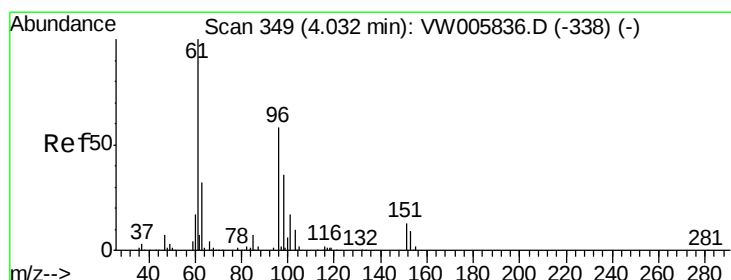
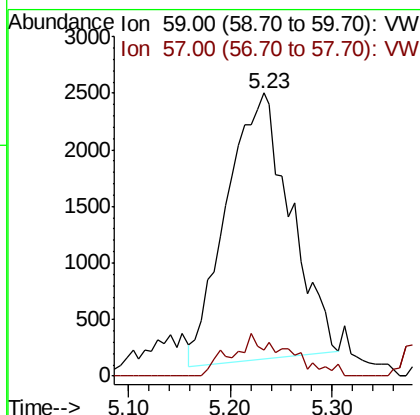
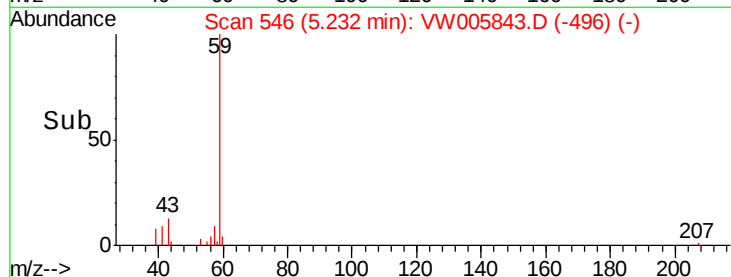
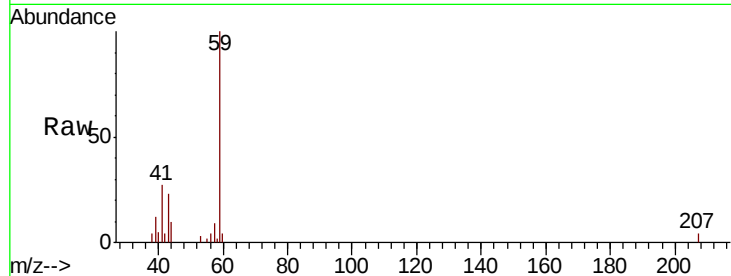
#11
Tert butyl alcohol
Concen: 79.204 ug/l
RT: 5.23 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW005843.D
Acq: 04 Oct 2018 08:21

Instrument :
MSVOA_W
ClientSampleId :
VW1004SBSD01

Tot Ion: 59 Resp: 10278
Ion Ratio Lower Upper
59 100
57 0.0 4.9 7.3#

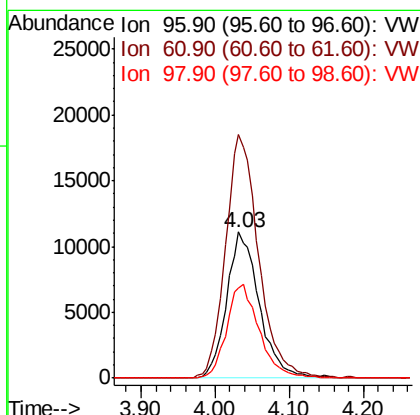
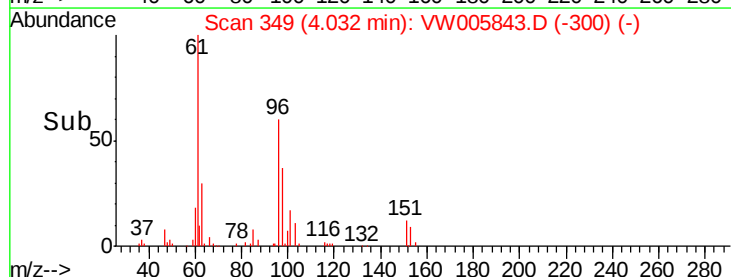
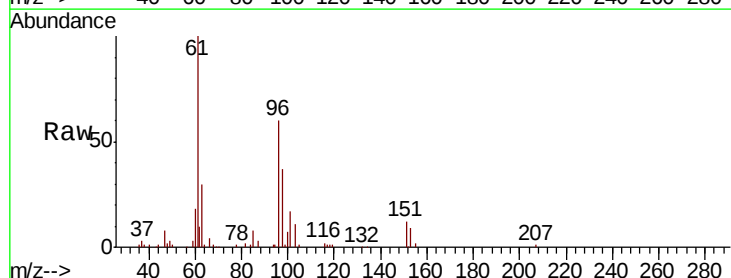
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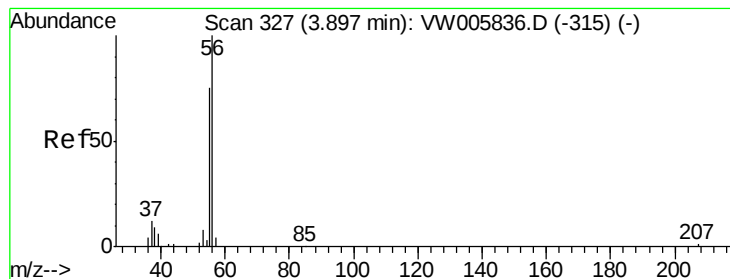
apatel
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#12
1,1-Dichloroethene
Concen: 20.531 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.00 min
Lab File: VW005843.D
Acq: 04 Oct 2018 08:21

Tgt Ion: 96 Resp: 34109
Ion Ratio Lower Upper
96 100
61 166.7 138.8 208.2
98 61.2 50.6 75.8





#13

Acrolein

Concen: 109.096 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.00 min

Lab File: VW005843.D

Acq: 04 Oct 2018 08:21

Instrument :

MSVOA_W

ClientSampleId :

VW1004SBSD01

Tot Ion: 56 Resp: 14224

Ion Ratio Lower Upper

56 100

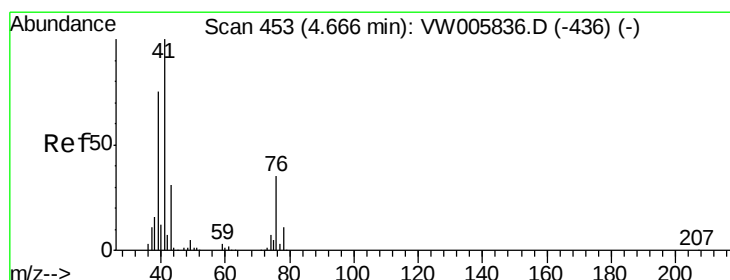
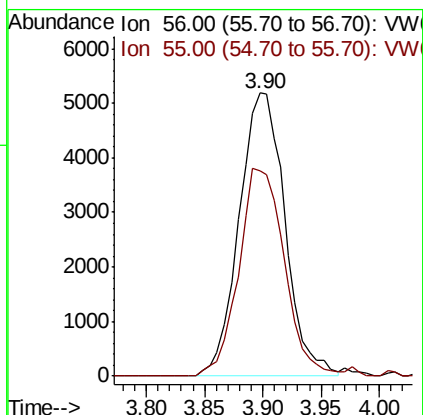
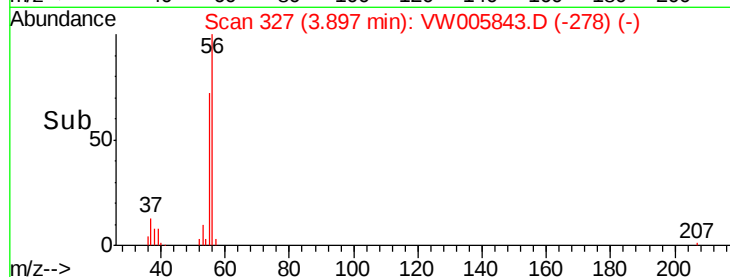
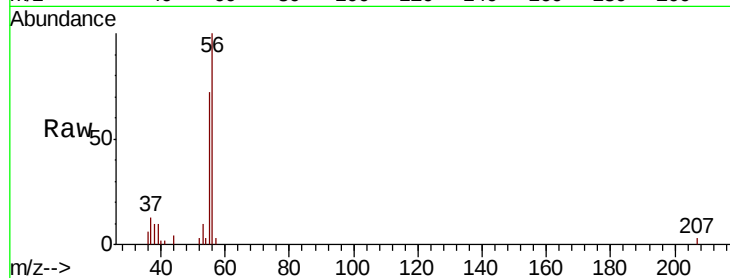
55 73.0 59.2 88.8

Manual Integrations

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#14

Allyl chloride

Concen: 19.897 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW005843.D

Acq: 04 Oct 2018 08:21

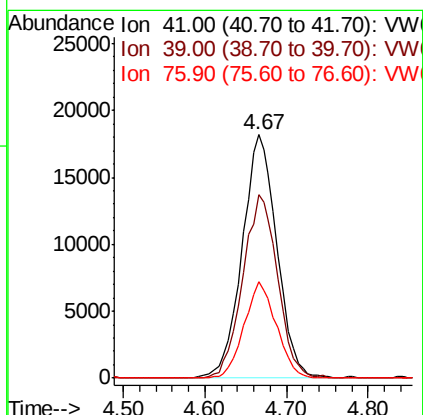
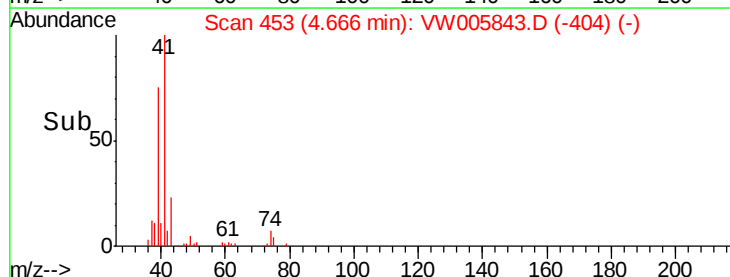
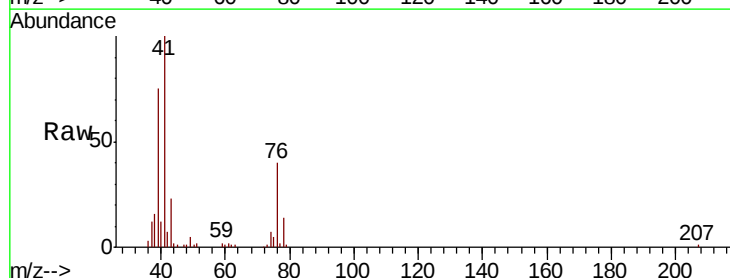
Tgt Ion: 41 Resp: 53648

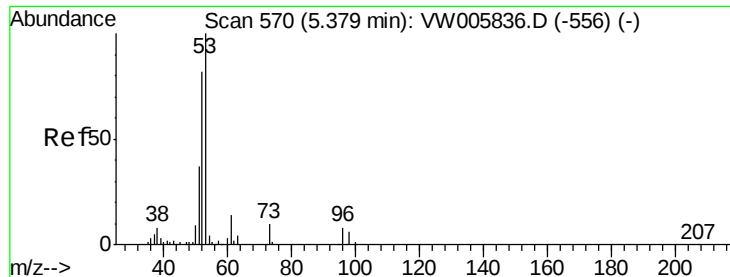
Ion Ratio Lower Upper

41 100

39 75.7 60.3 90.5

76 36.9 28.9 43.3





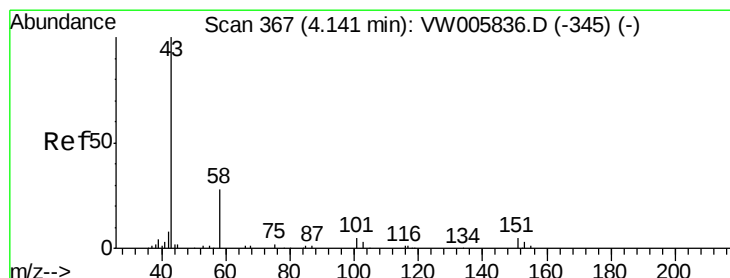
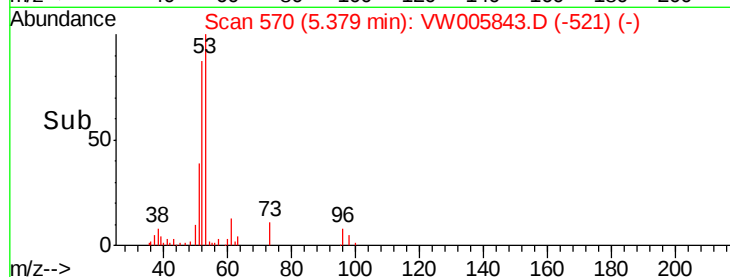
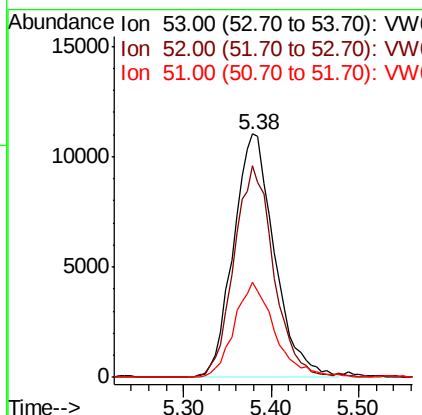
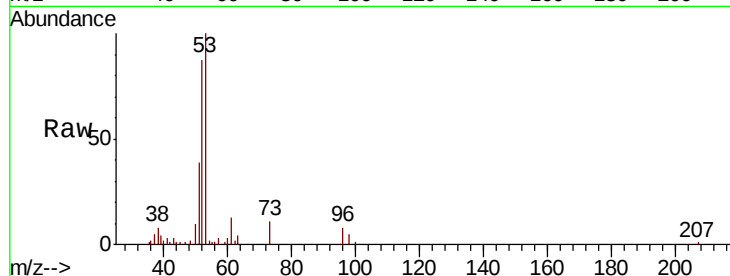
#15
 Acrylonitrile
 Concen: 90.911 ug/l
 RT: 5.38 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: VW005843.D
 Acq: 04 Oct 2018 08:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1004SBSD01

Tot Ion:	53	Resp:	35814
Ion	Ratio	Lower	Upper
53	100		
52	83.8	67.3	100.9
51	38.6	30.2	45.2

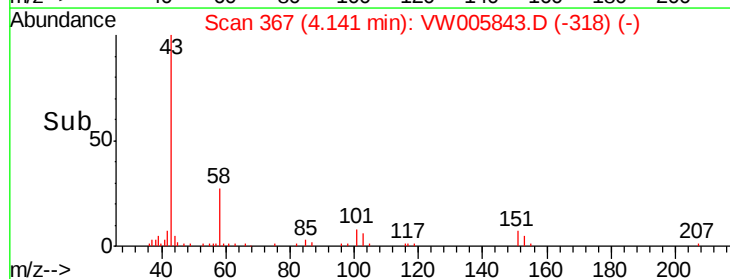
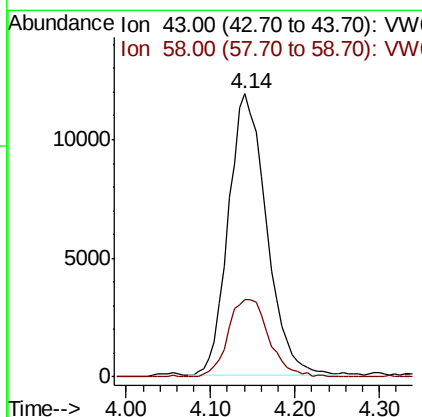
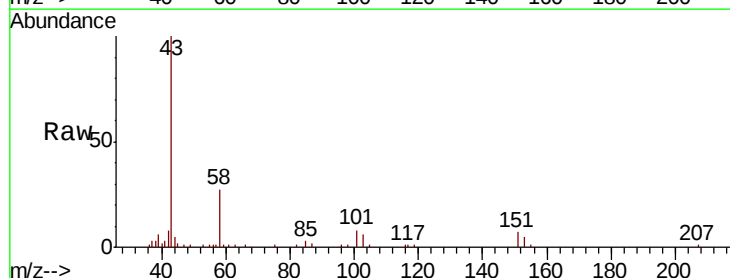
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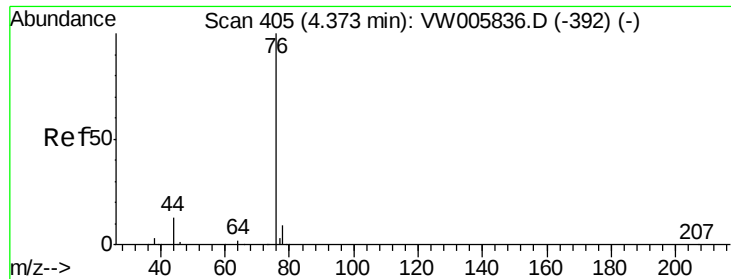
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#16
 Acetone
 Concen: 101.495 ug/l
 RT: 4.14 min Scan# 367
 Delta R.T. -0.00 min
 Lab File: VW005843.D
 Acq: 04 Oct 2018 08:21

Tgt Ion:	43	Resp:	36350
Ion	Ratio	Lower	Upper
43	100		
58	27.4	23.0	34.4





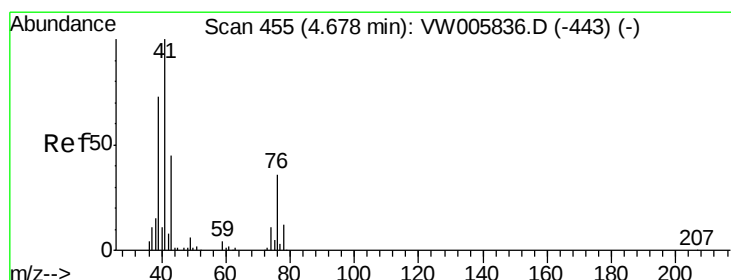
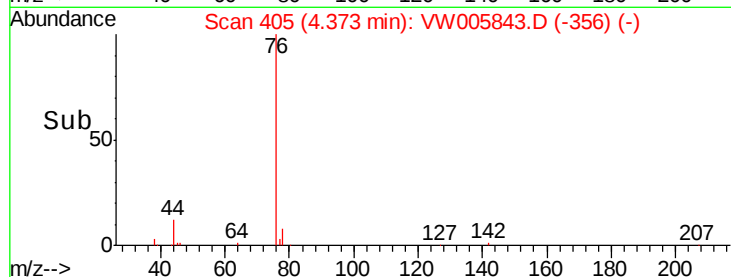
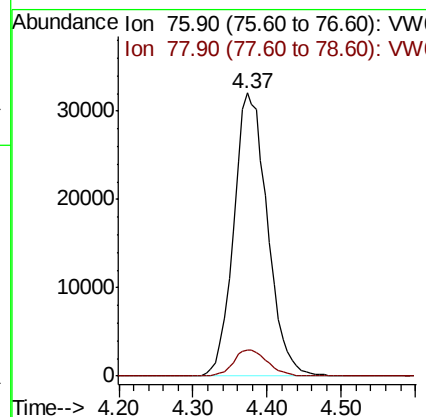
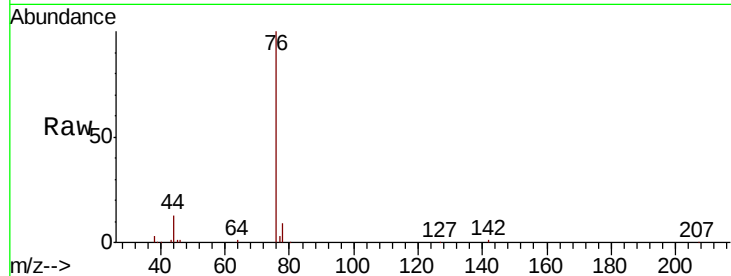
#17
Carbon Disulfide
Concen: 19.284 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: VW005843.D
Acq: 04 Oct 2018 08:21

Instrument :
MSVOA_W
ClientSampleId :
VW1004SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.0	10.6

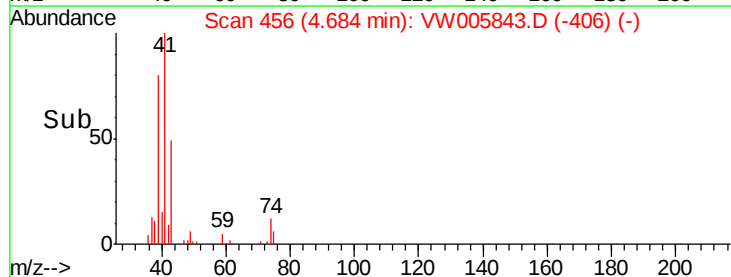
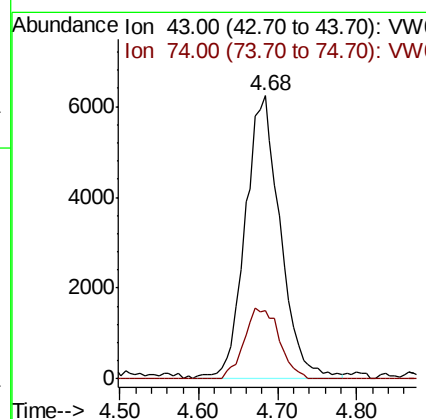
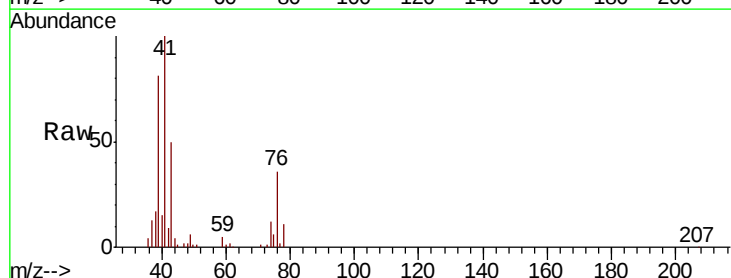
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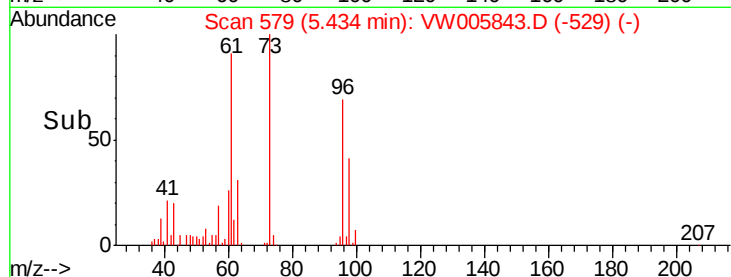
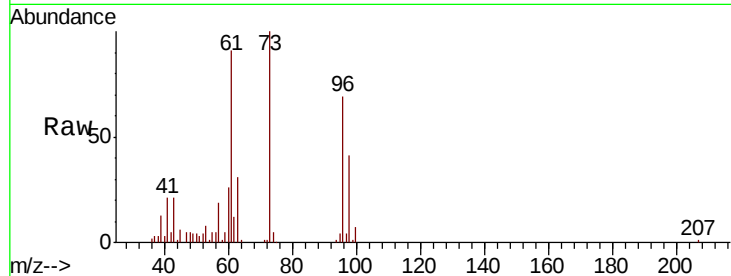
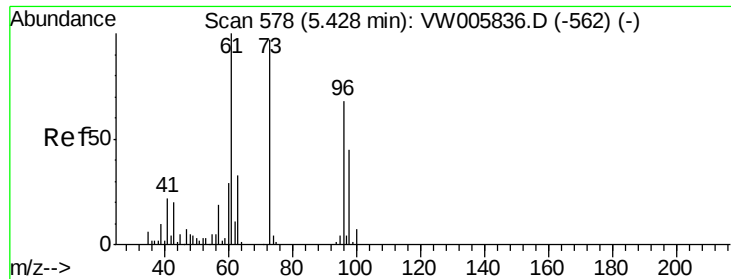
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#18
Methyl Acetate
Concen: 19.001 ug/l
RT: 4.68 min Scan# 456
Delta R.T. 0.01 min
Lab File: VW005843.D
Acq: 04 Oct 2018 08:21

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.9	19.5	29.3





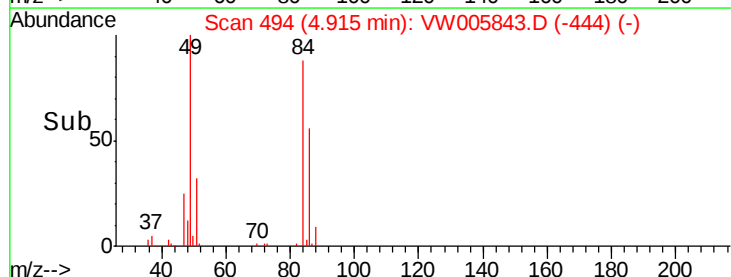
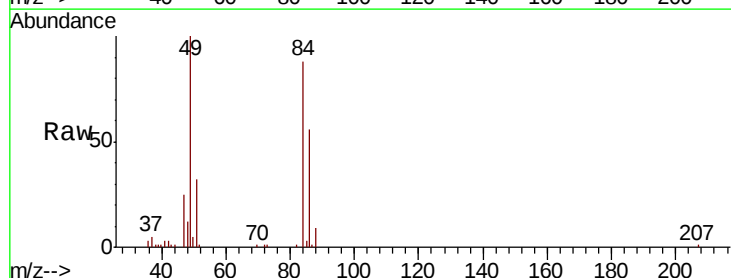
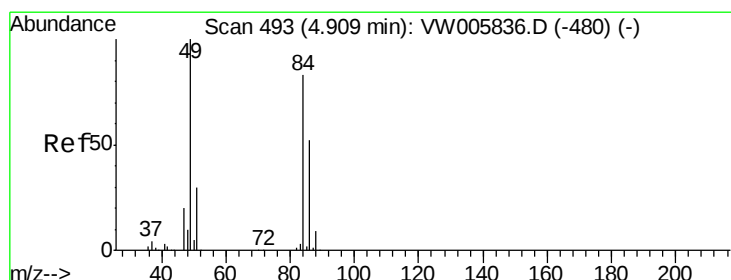
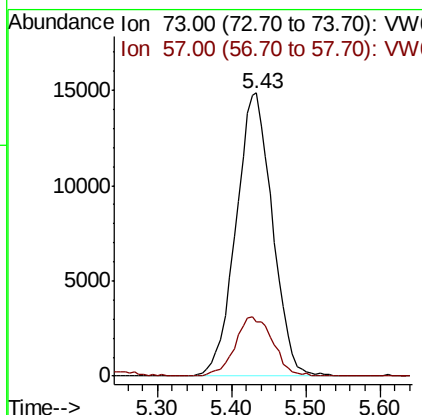
#19
Methvl tert-butvl Ether
Concen: 19.522 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.01 min
Lab File: VW005843.D
Acq: 04 Oct 2018 08:21

Tot Ion: 73 Resp: 50917
Ion Ratio Lower Upper
73 100
57 19.3 15.9 23.9

Instrument :
MSVOA_W
ClientSampleId :
VW1004SBSD01

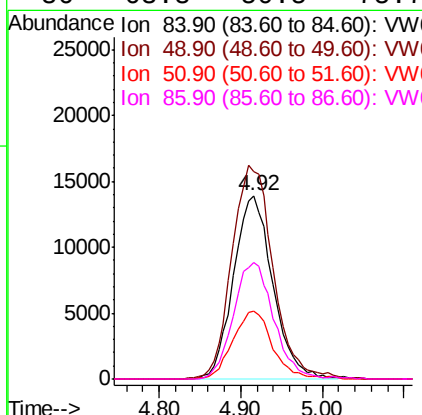
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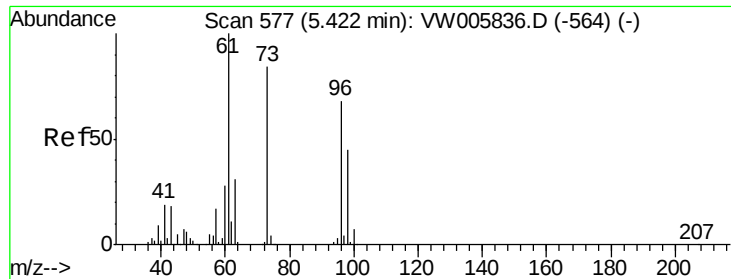
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#20
Methylene Chloride
Concen: 18.927 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW005843.D
Acq: 04 Oct 2018 08:21

Tgt Ion: 84 Resp: 46467
Ion Ratio Lower Upper
84 100
49 112.9 96.8 145.2
51 36.8 28.8 43.2
86 63.8 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 19.071 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.01 min

Lab File: VW005843.D

Acq: 04 Oct 2018 08:21

Instrument :

MSVOA_W

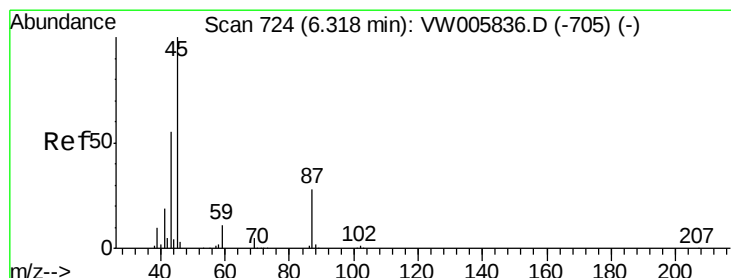
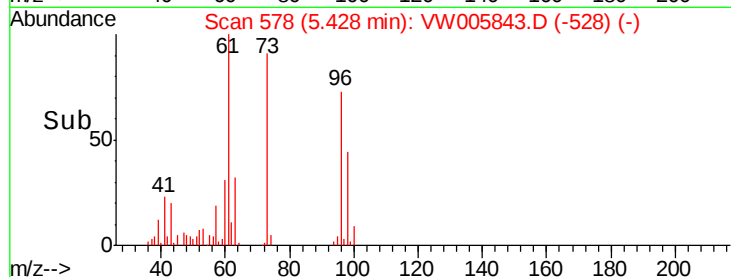
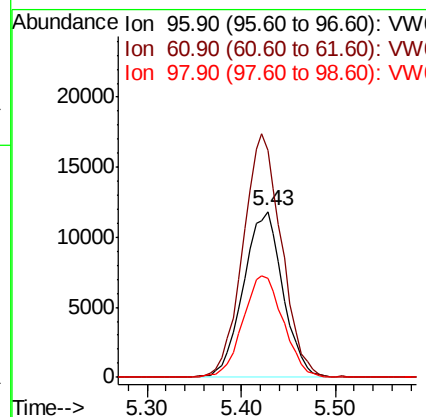
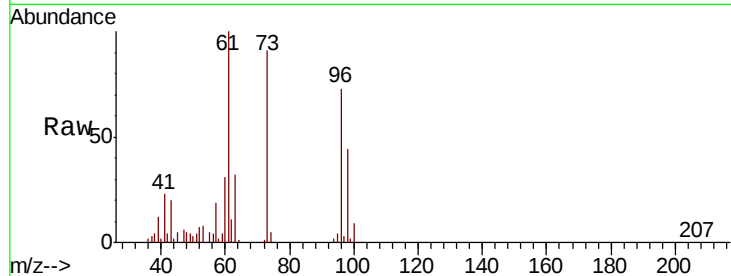
ClientSampleId :

VW1004SBSD01

Tot Ion:	96	Resp:	34582
Ion Ratio	Lower	Upper	
96	100		
61	136.3	117.0	175.6
98	59.4	52.2	78.2

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#22

Diisopropyl ether

Concen: 18.789 ug/l

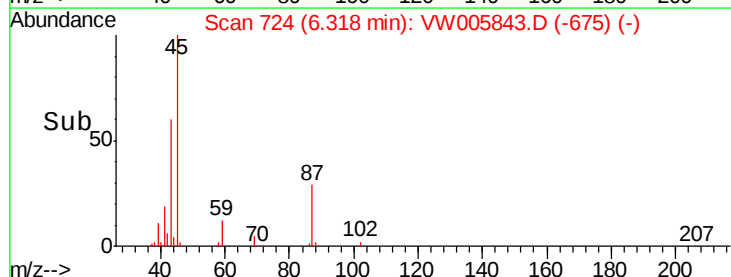
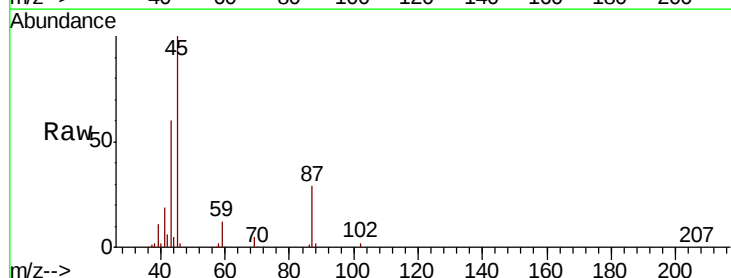
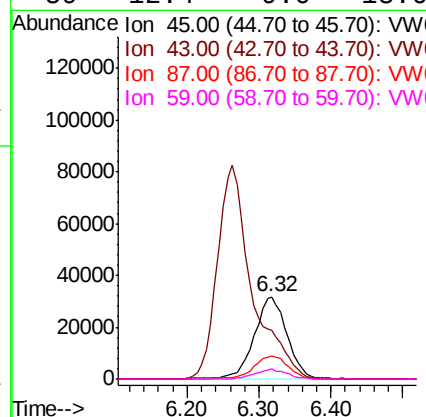
RT: 6.32 min Scan# 724

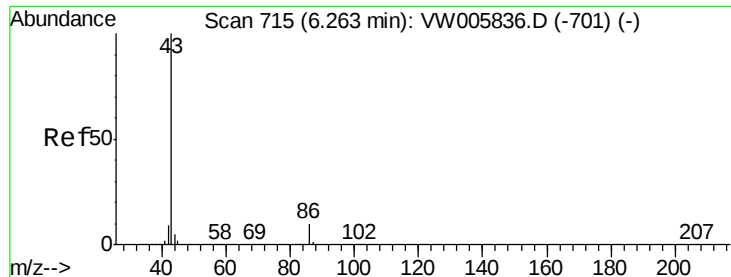
Delta R.T. -0.00 min

Lab File: VW005843.D

Acq: 04 Oct 2018 08:21

Tgt Ion:	45	Resp:	99420
Ion Ratio	Lower	Upper	
45	100		
43	58.8	44.6	67.0
87	28.6	23.4	35.2
59	12.4	9.0	13.6





#23

Vinyl Acetate

Concen: 91.691 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW005843.D

Acq: 04 Oct 2018 08:21

Instrument :

MSVOA_W

ClientSampleId :

VW1004SBSD01

Tot Ion: 43 Resp: 275611

Ion Ratio Lower Upper

43 100

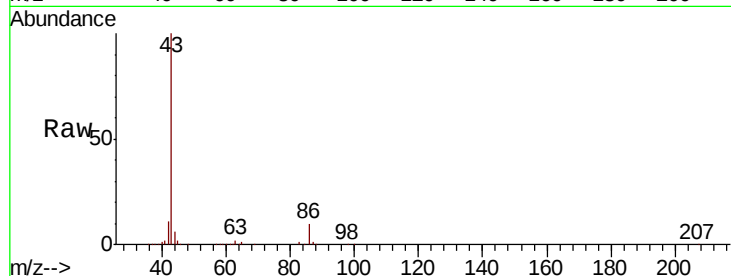
86 10.3 8.1 12.1

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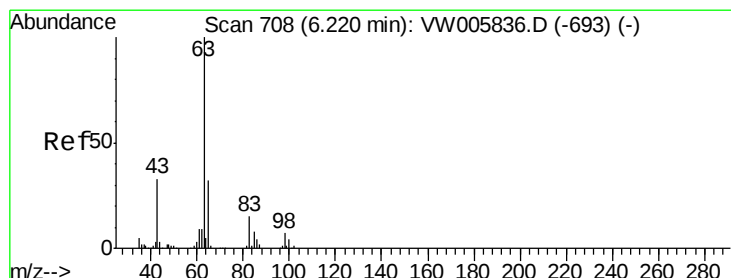
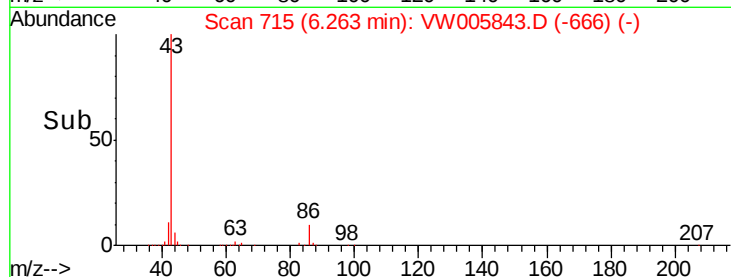
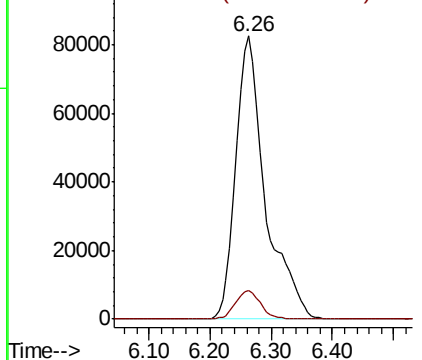
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 18.743 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW005843.D

Acq: 04 Oct 2018 08:21

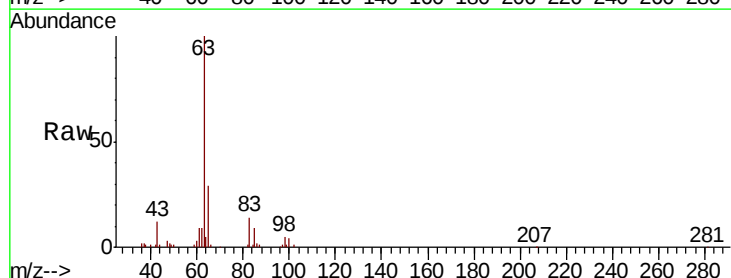
Tgt Ion: 63 Resp: 64355

Ion Ratio Lower Upper

63 100

98 4.8 3.5 10.5

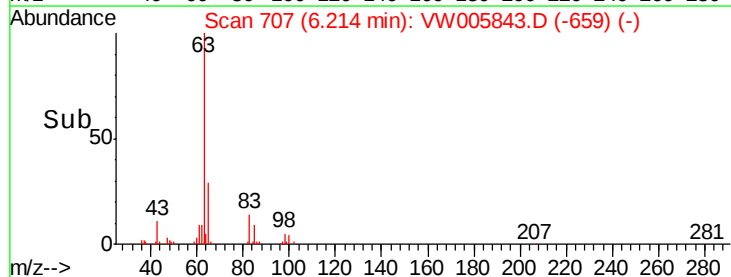
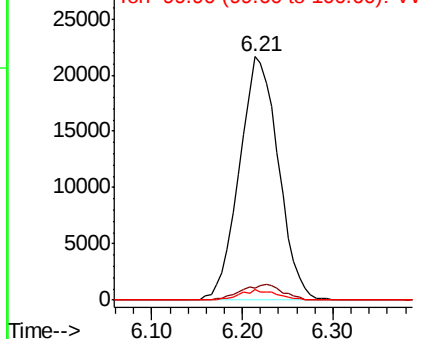
100 4.2 2.0 6.0

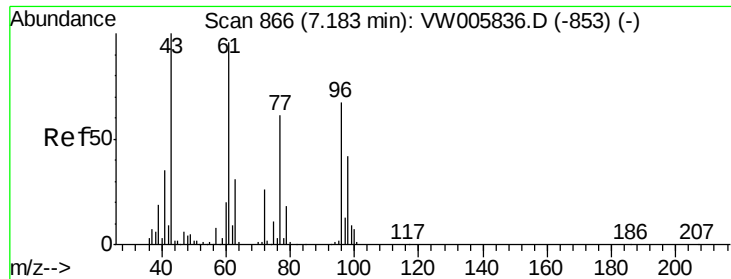


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 89.988 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: VW005843.D

Acq: 04 Oct 2018 08:21

Instrument :

MSVOA_W

ClientSampleId :

VW1004SBSD01

Tot Ion: 43 Resp: 45336

Ion Ratio Lower Upper

43 100

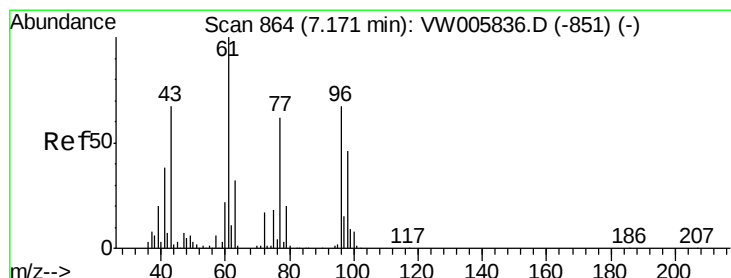
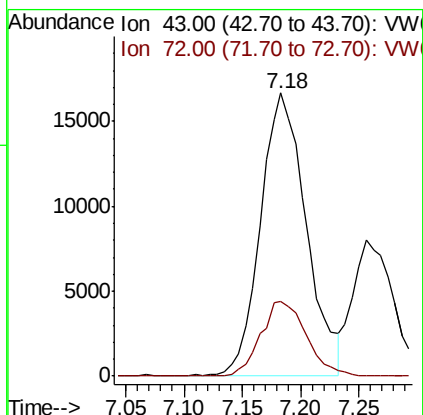
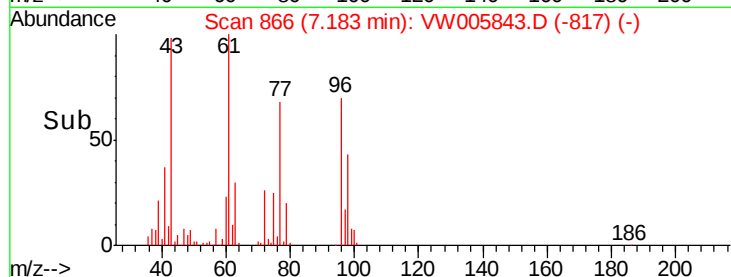
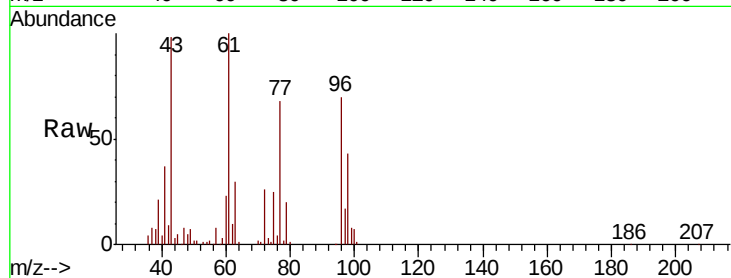
72 26.5 20.9 31.3

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#26

2,2-Dichloropropane

Concen: 19.151 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW005843.D

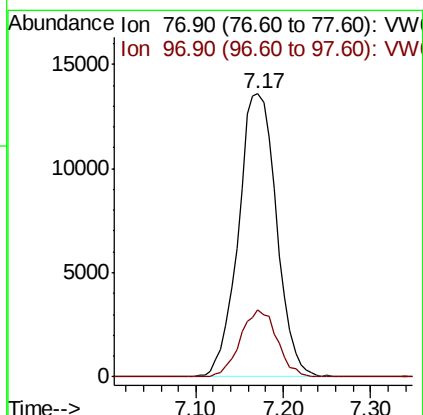
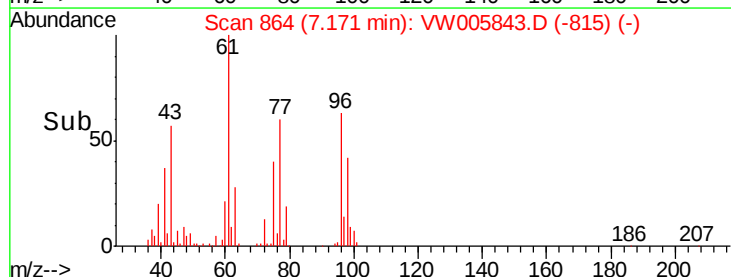
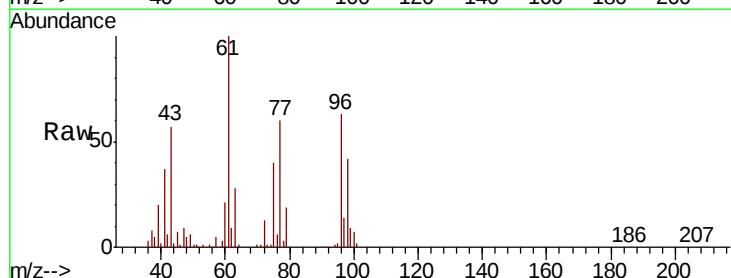
Acq: 04 Oct 2018 08:21

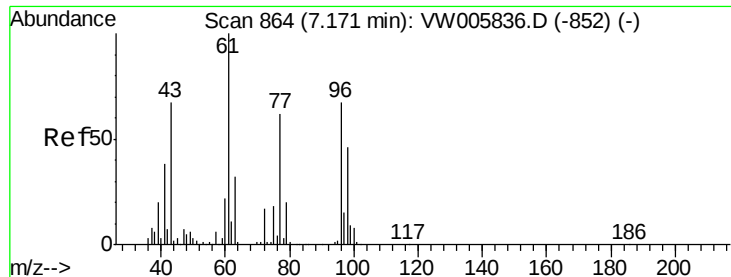
Tgt Ion: 77 Resp: 41057

Ion Ratio Lower Upper

77 100

97 22.9 11.7 35.0





#27

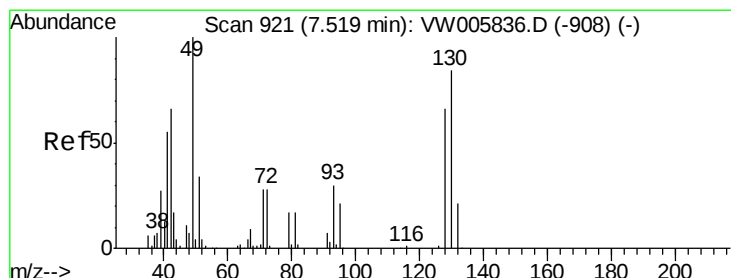
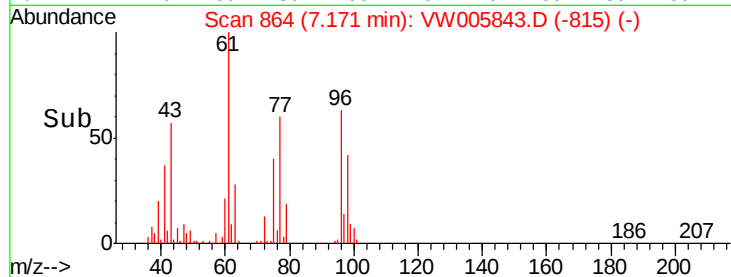
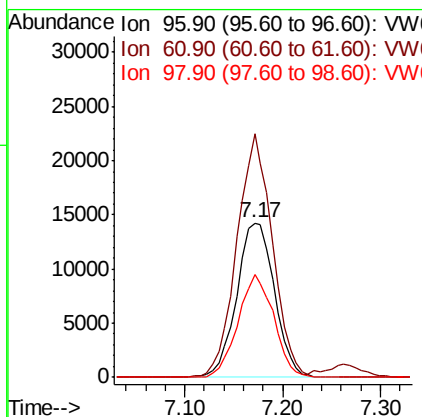
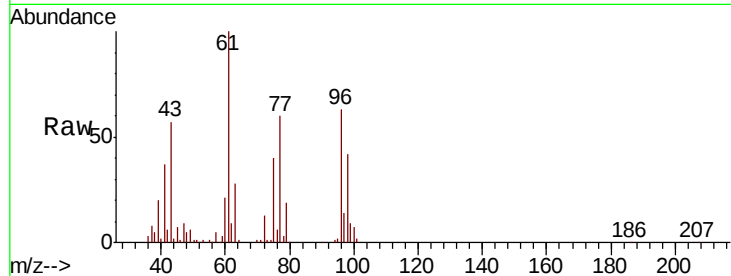
cis-1,2-Dichloroethene
 Concen: 18.799 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VW005843.D
 Acq: 04 Oct 2018 08:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1004SBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	148.6	0.0	296.4
98	63.4	0.0	131.4

Manual Integrations
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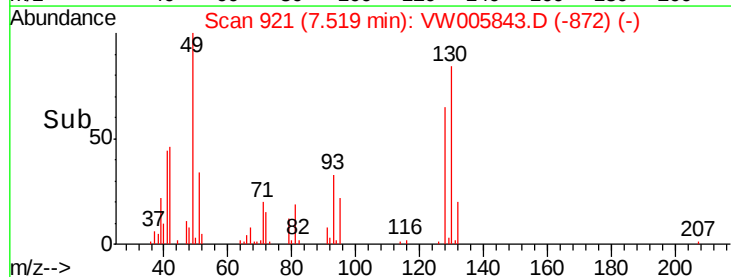
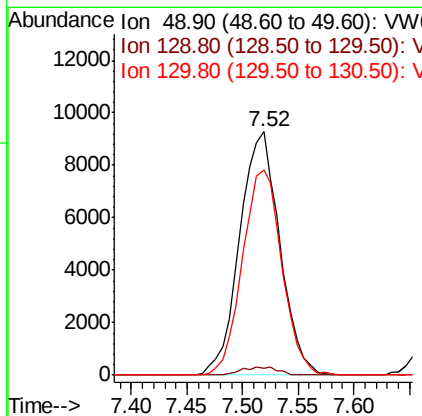
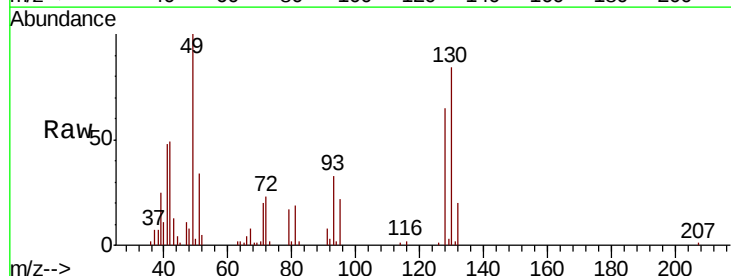
apatel
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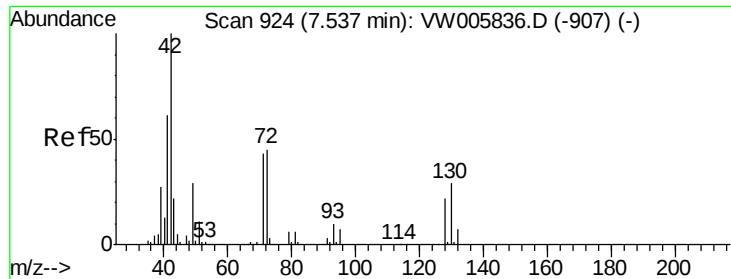


#28

Bromochloromethane
 Concen: 19.166 ug/l
 RT: 7.52 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: VW005843.D
 Acq: 04 Oct 2018 08:21

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	2.2#
130	83.1	66.4	99.6





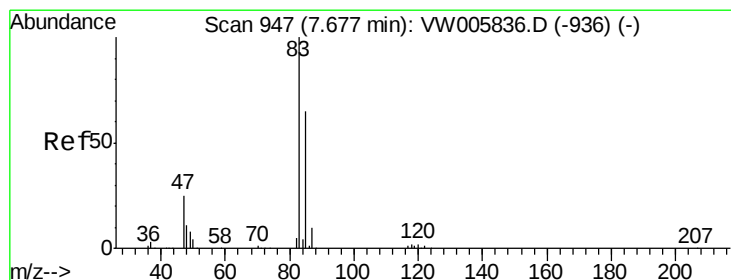
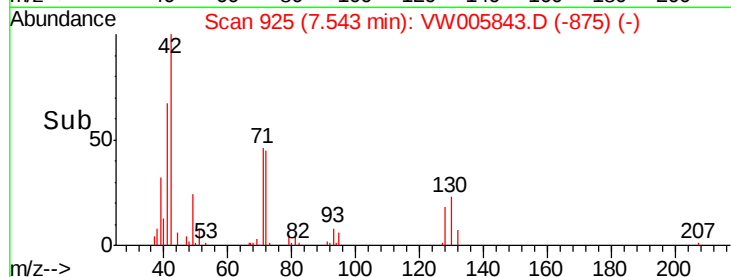
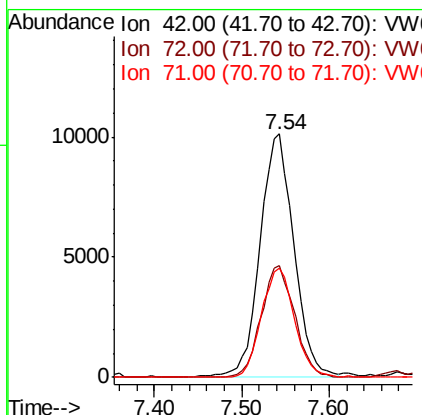
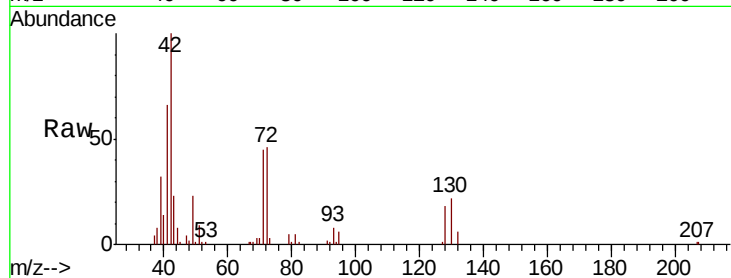
#29
Tetrahydrofuran
Concen: 87.714 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW005843.D
Acq: 04 Oct 2018 08:21

Instrument :
MSVOA_W
ClientSampleId :
VW1004SBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.0	34.6	51.8
71	43.6	33.6	50.4

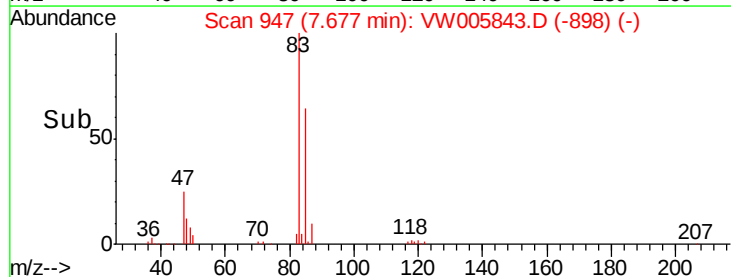
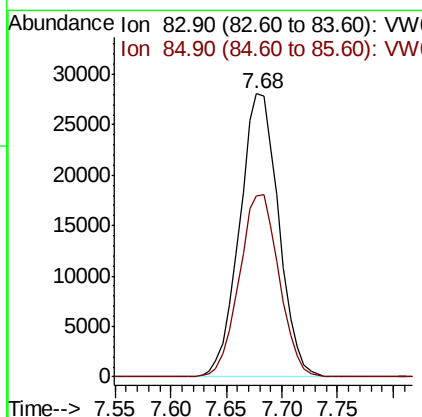
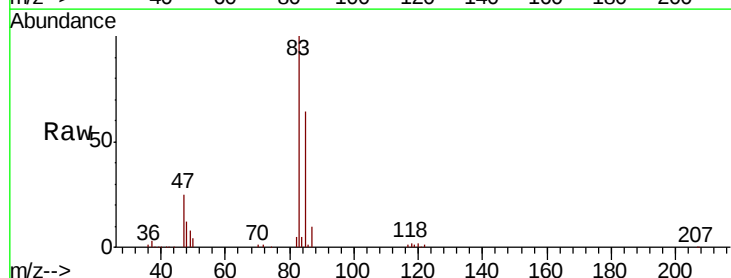
Manual Integrations
APPROVED

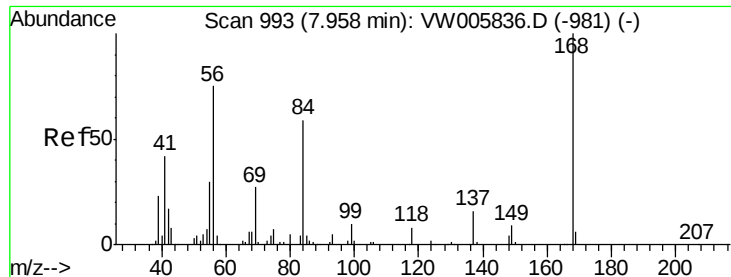
apatel
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#30
Chloroform
Concen: 18.625 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW005843.D
Acq: 04 Oct 2018 08:21

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.6	77.4





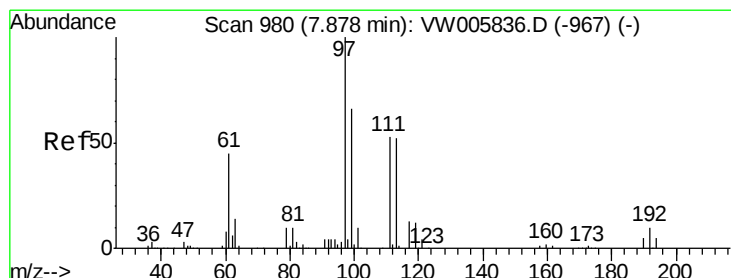
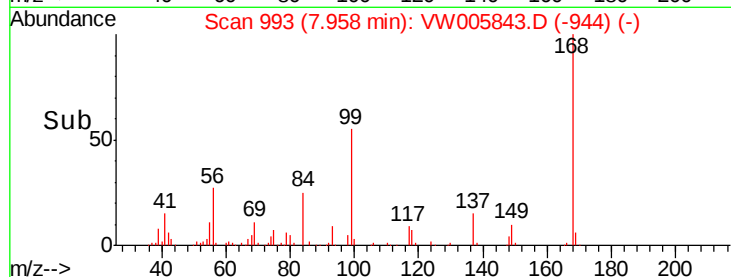
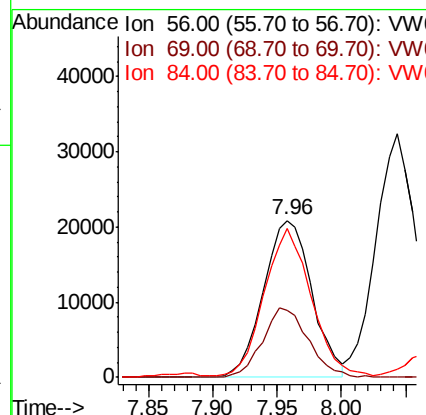
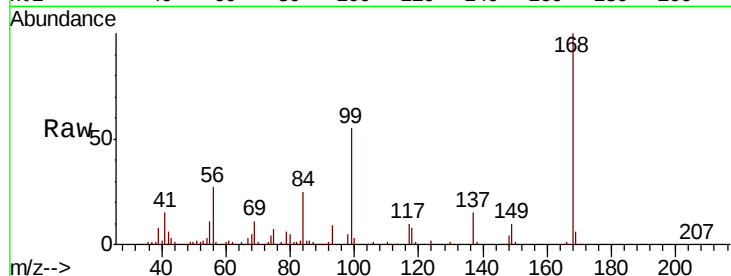
#31
Cyclohexane
Concen: 18.540 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW005843.D
Acq: 04 Oct 2018 08:21

Instrument :
MSVOA_W
ClientSampled :
VW1004SBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	42.5	29.0	43.4
84	92.3	63.5	95.3

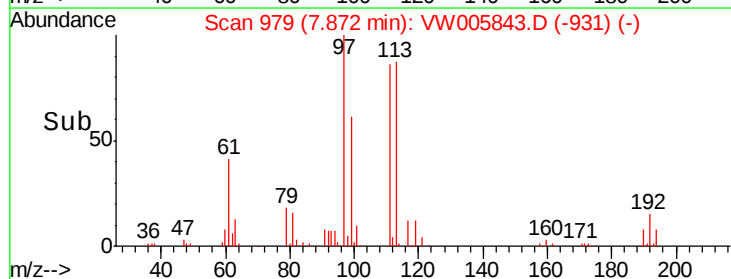
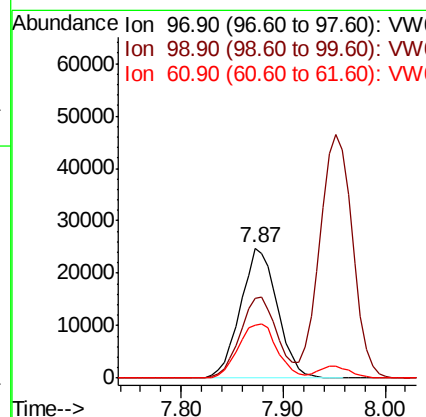
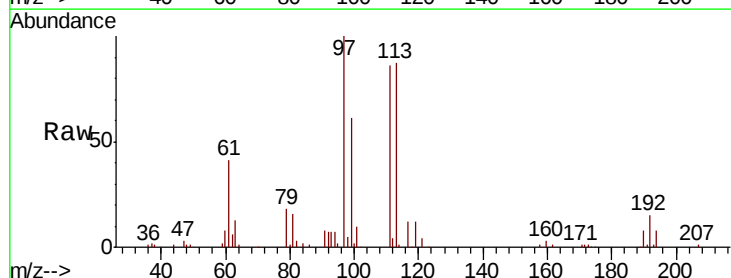
Manual Integrations
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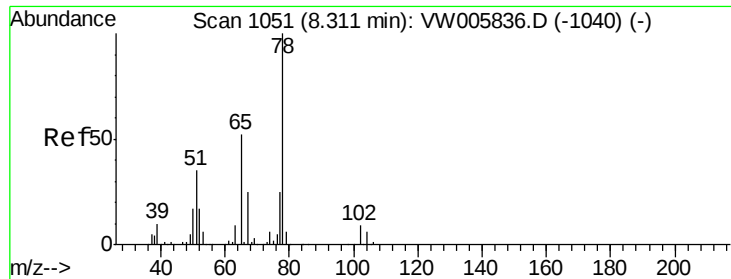
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#32
1,1,1-Trichloroethane
Concen: 19.817 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.01 min
Lab File: VW005843.D
Acq: 04 Oct 2018 08:21

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.2	76.8
61	44.2	35.5	53.3





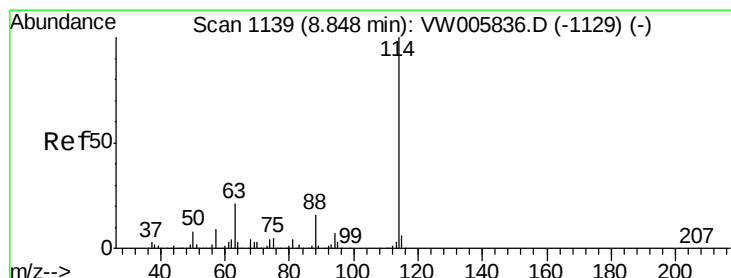
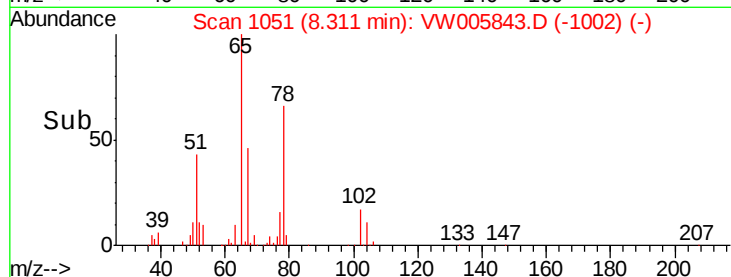
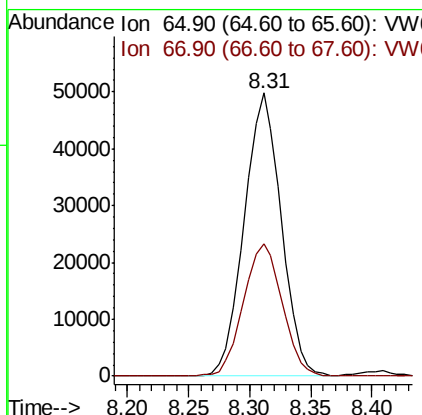
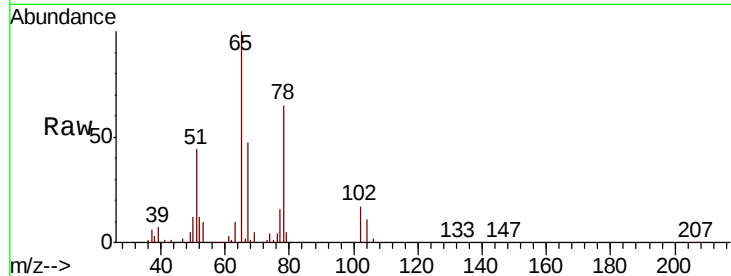
#33
 1,2-Dichloroethane-d4
 Concen: 48.795 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005843.D
 Acq: 04 Oct 2018 08:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1004SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	104715		
67	49.0	0.0	98.0	

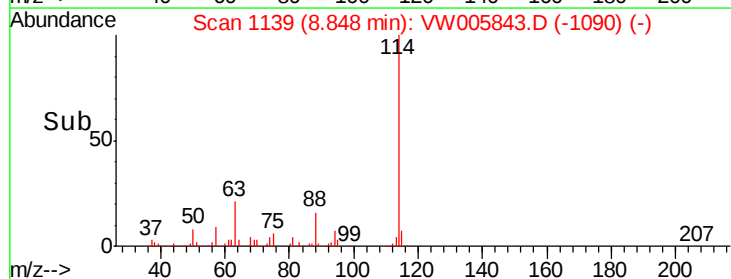
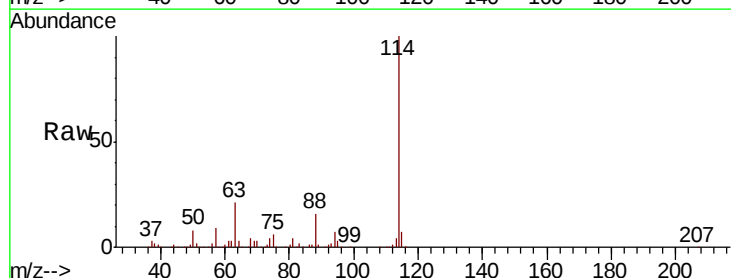
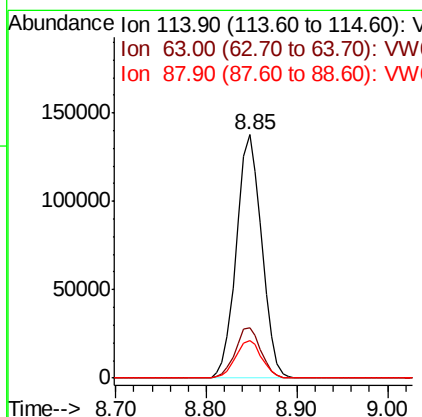
Manual Integrations
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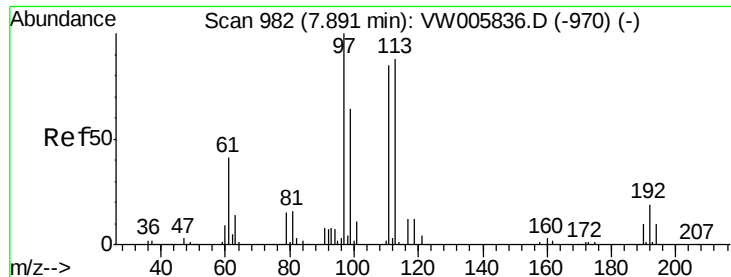
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005843.D
 Acq: 04 Oct 2018 08:21

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	266419		
63	20.6	0.0	42.0	
88	15.5	0.0	31.2	





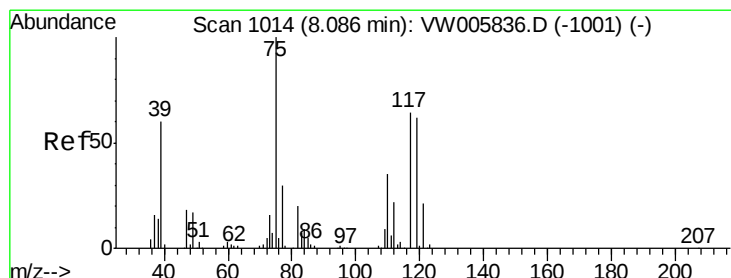
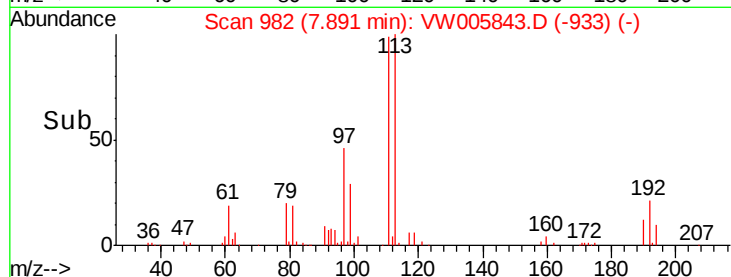
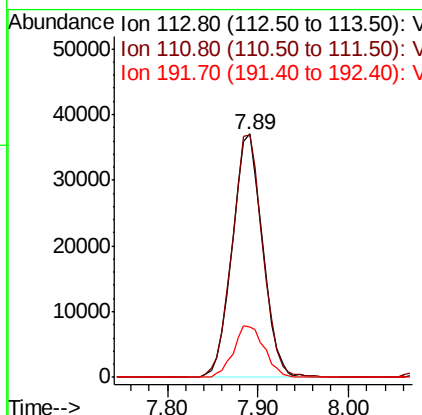
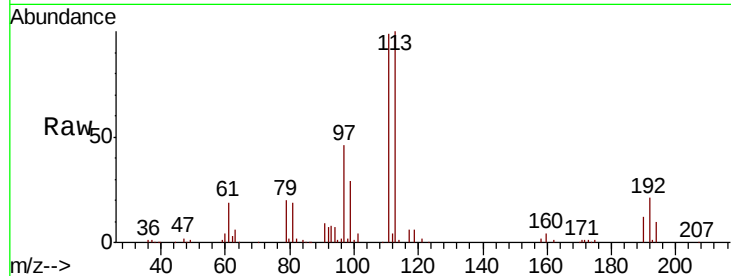
#35
 Dibromofluoromethane
 Concen: 49.047 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005843.D
 Acq: 04 Oct 2018 08:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1004SBSD01

Tot Ion	Ratio	Lower	Upper
113	100		
111	100.9	81.4	122.2
192	21.6	17.3	25.9

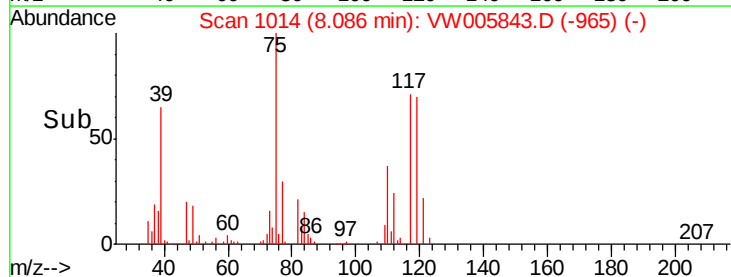
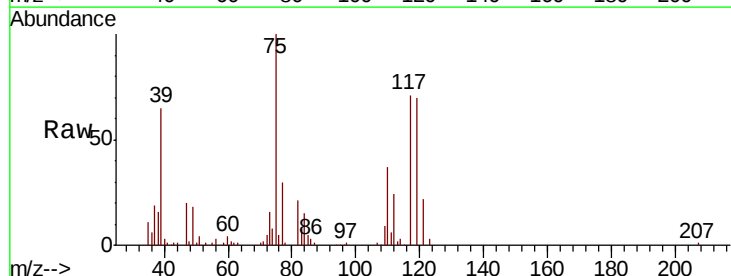
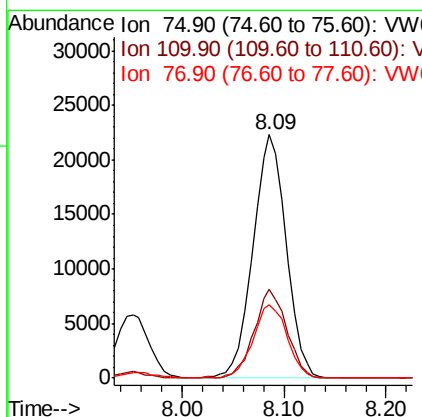
Manual Integrations
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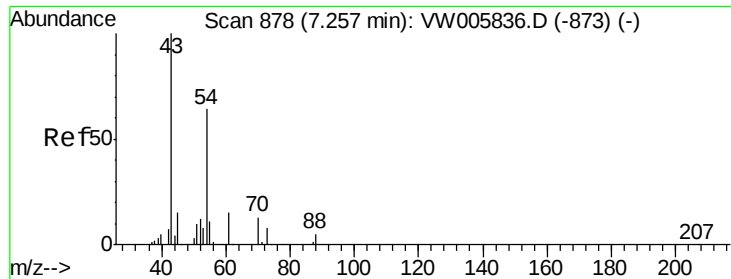
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#36
 1,1-Dichloropropene
 Concen: 19.122 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW005843.D
 Acq: 04 Oct 2018 08:21

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.6	17.5	52.6
77	31.0	24.8	37.2





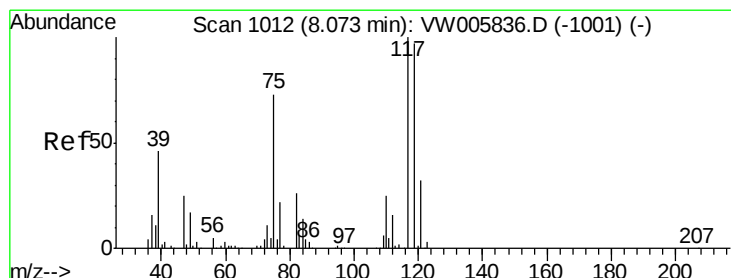
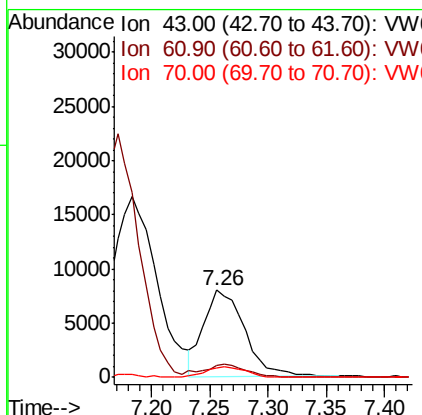
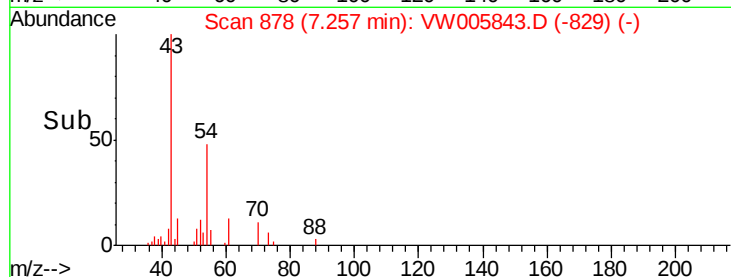
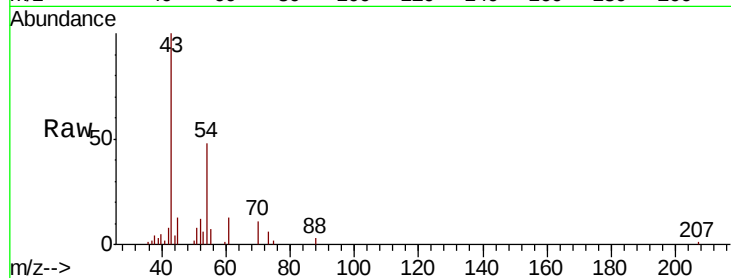
#37
Ethyl Acetate
Concen: 17.729 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW005843.D
Acq: 04 Oct 2018 08:21

Instrument :
MSVOA_W
ClientSampleId :
VW1004SBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.9	11.2	16.8
70	11.6	8.6	13.0

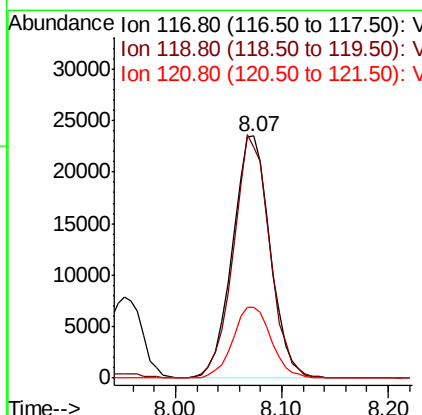
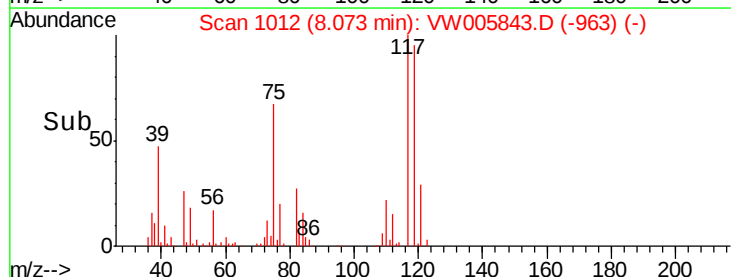
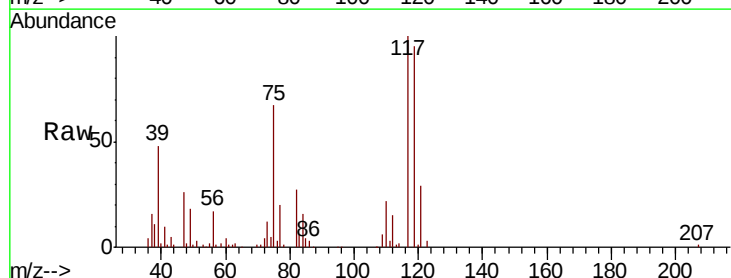
Manual Integrations
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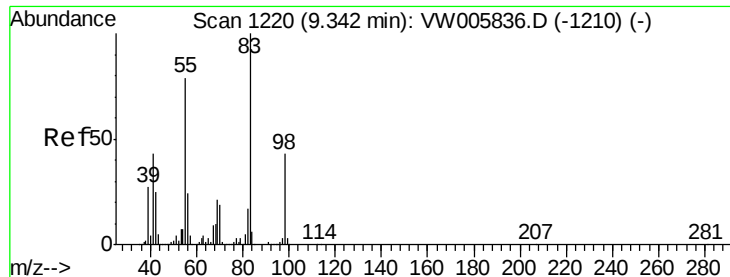
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#38
Carbon Tetrachloride
Concen: 19.759 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW005843.D
Acq: 04 Oct 2018 08:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.3	77.9	116.9
121	29.2	25.2	37.8





#39

Methvlcvclohexane

Concen: 19.225 ug/l

RT: 9.34 min Scan# 1220

Delta R.T. -0.00 min

Lab File: VW005843.D

Acq: 04 Oct 2018 08:21

Instrument :

MSVOA_W

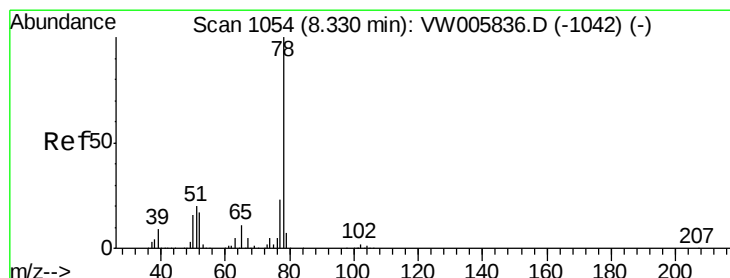
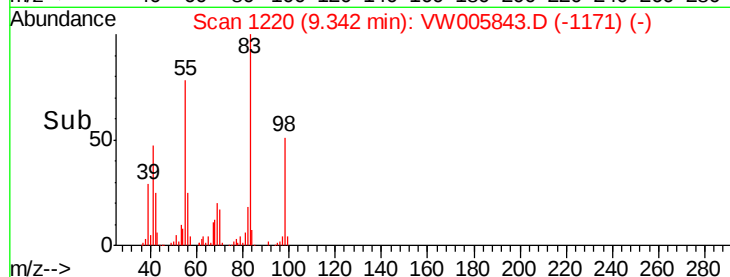
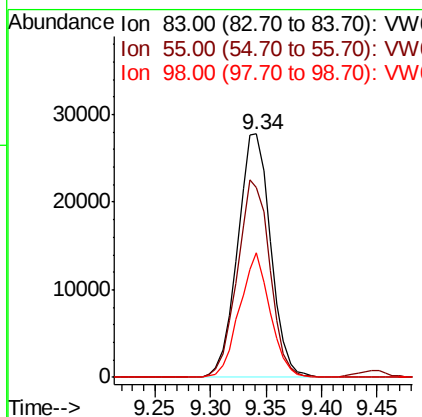
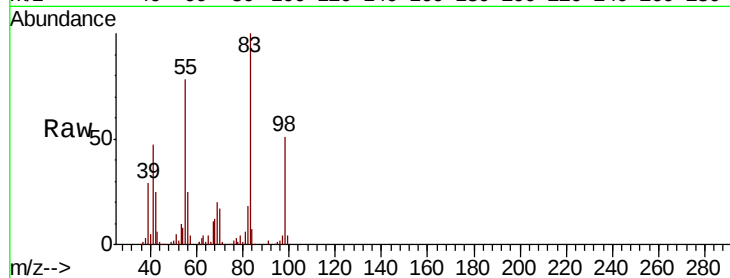
ClientSampleId :

VW1004SBSD01

Tot Ion:	83	Resp:	57315
Ion	Ratio	Lower	Upper
83	100		
55	78.1	63.0	94.4
98	51.1	34.5	51.7

Manual Integrations
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#40

Benzene

Concen: 18.830 ug/l

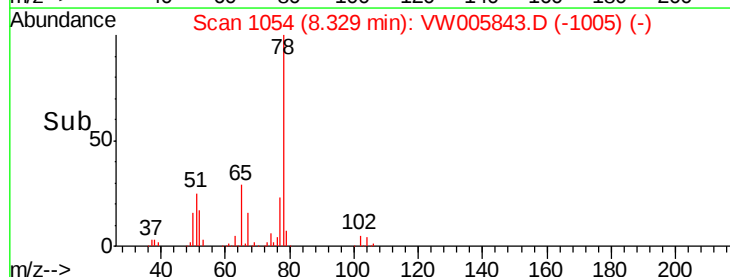
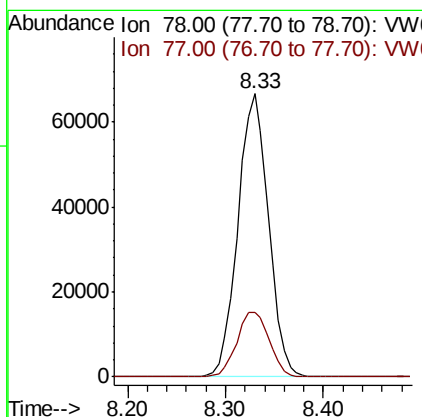
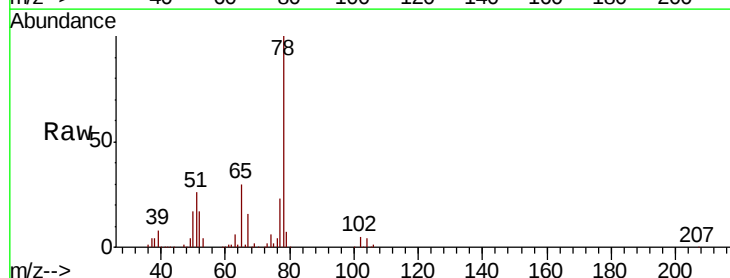
RT: 8.33 min Scan# 1054

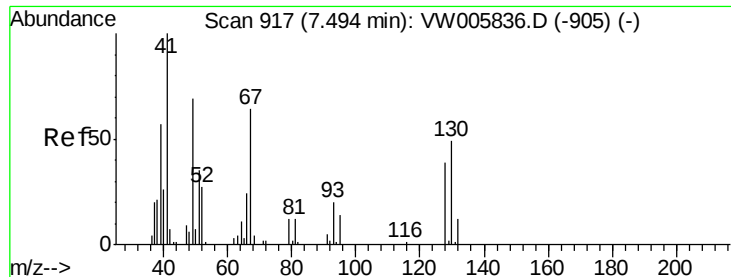
Delta R.T. -0.00 min

Lab File: VW005843.D

Acq: 04 Oct 2018 08:21

Tgt Ion:	78	Resp:	144523
Ion	Ratio	Lower	Upper
78	100		
77	22.6	18.6	28.0





#41

Methacrylonitrile

Concen: 18.850 ug/l

RT: 7.49 min Scan# 916

Delta R.T. -0.01 min

Lab File: VW005843.D

Acq: 04 Oct 2018 08:21

Instrument :

MSVOA_W

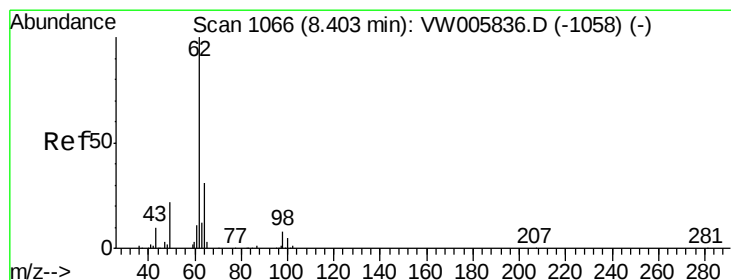
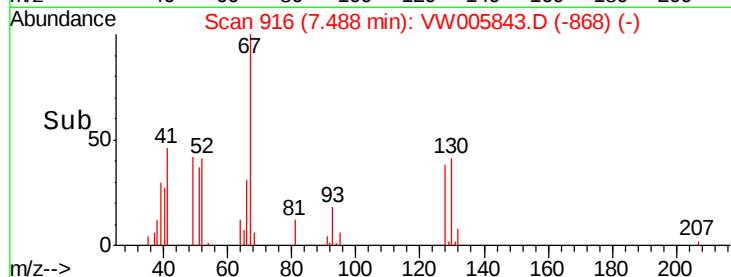
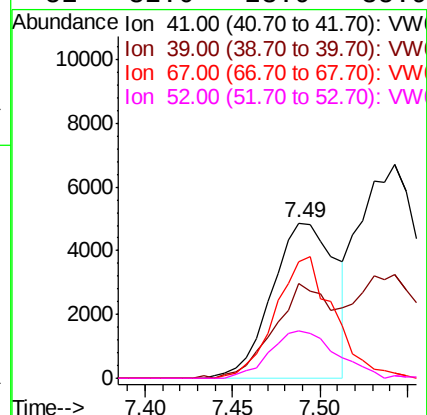
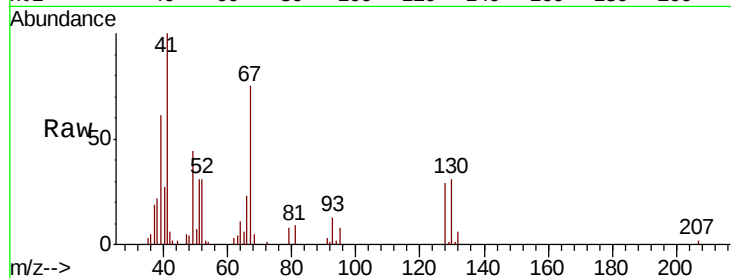
ClientSampleId :

VW1004SBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		12415		
39	51.0	45.6	68.4		
67	72.1	53.6	80.4		
52	32.0	23.9	35.9		

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 19.173 ug/l

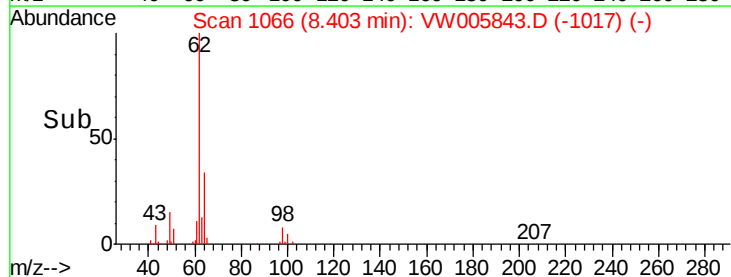
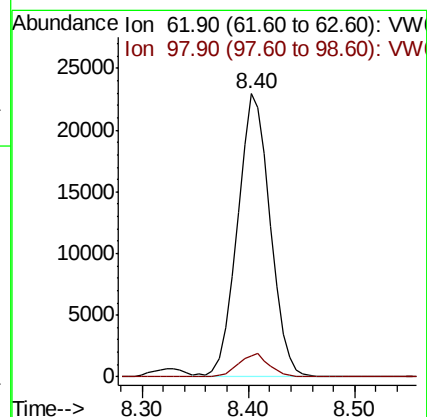
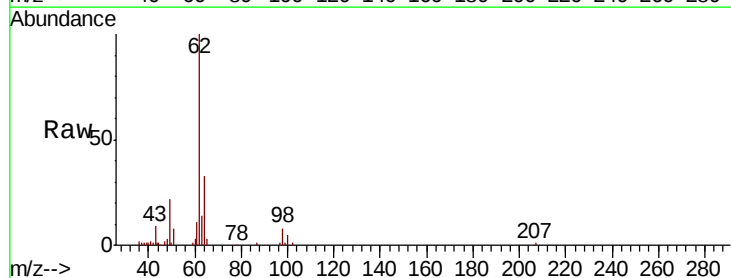
RT: 8.40 min Scan# 1066

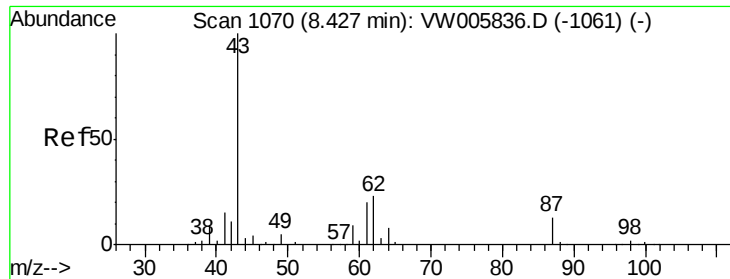
Delta R.T. -0.00 min

Lab File: VW005843.D

Acq: 04 Oct 2018 08:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		49494		
98	7.7	0.0	16.2		





#43

Isopropyl Acetate

Concen: 18.588 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW005843.D

Acq: 04 Oct 2018 08:21

Instrument :

MSVOA_W

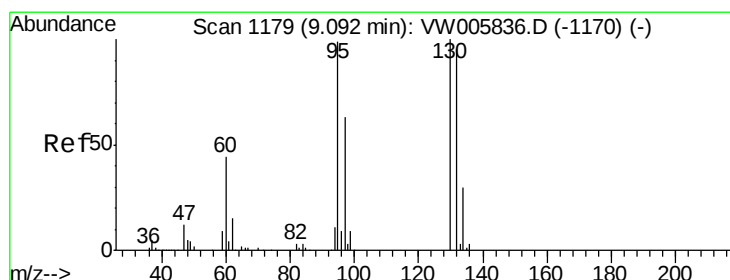
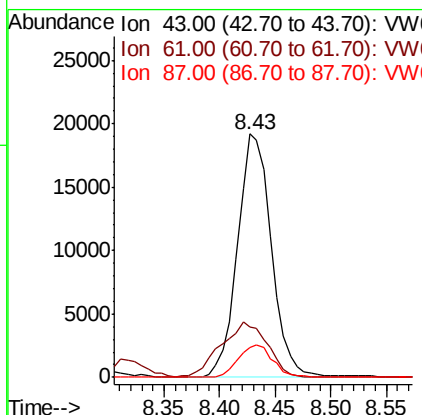
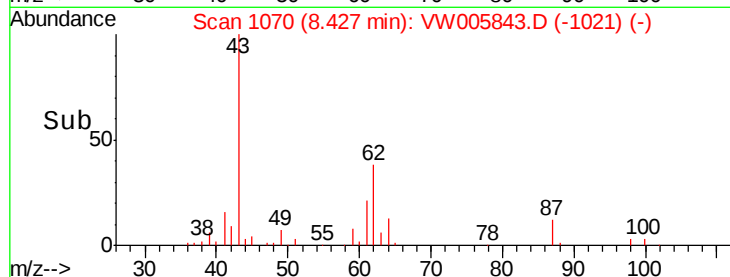
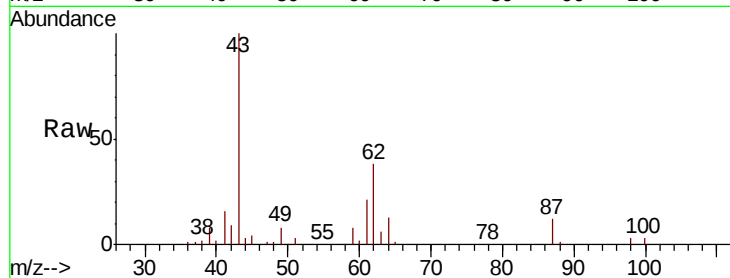
ClientSampleId :

VW1004SBSD01

Tot Ion:	43	Resp:	40495
Ion	Ratio	Lower	Upper
43	100		
61	31.1	24.1	36.1
87	13.5	10.6	16.0

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#44

Trichloroethene

Concen: 18.958 ug/l

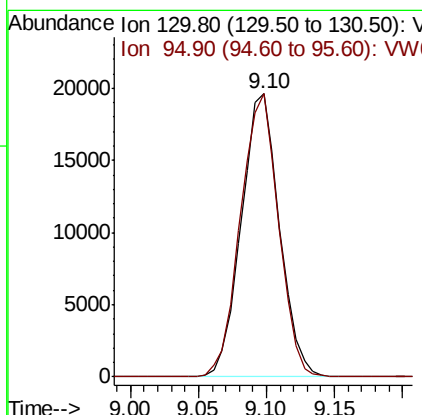
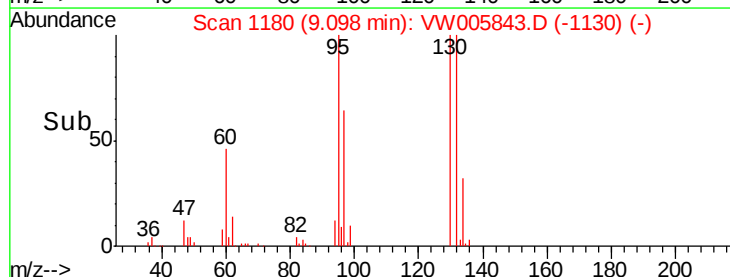
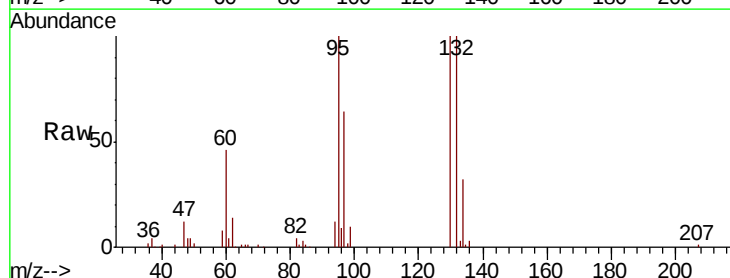
RT: 9.10 min Scan# 1180

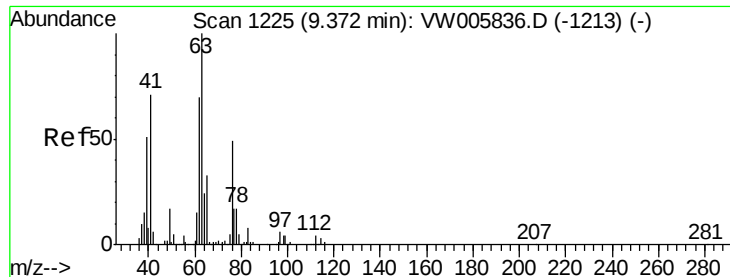
Delta R.T. 0.01 min

Lab File: VW005843.D

Acq: 04 Oct 2018 08:21

Tgt Ion:	130	Resp:	38456
Ion	Ratio	Lower	Upper
130	100		
95	100.0	0.0	197.6





#45

1,2-Dichloropropane

Concen: 18.630 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. -0.00 min

Lab File: VW005843.D

Acq: 04 Oct 2018 08:21

Instrument :

MSVOA_W

ClientSampleId :

VW1004SBSD01

Tot Ion: 63 Resp: 33859

Ion Ratio Lower Upper

63 100

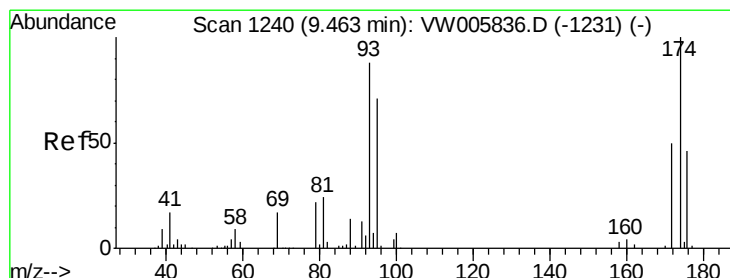
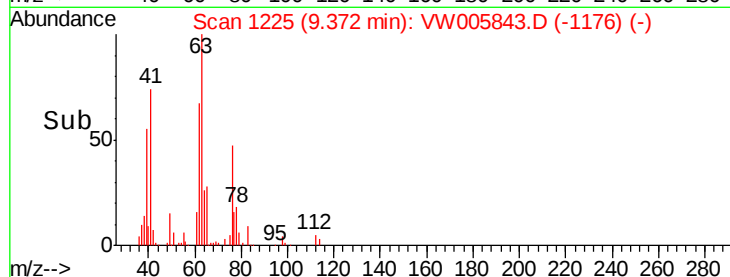
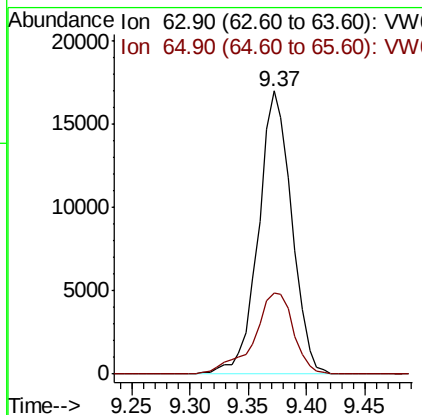
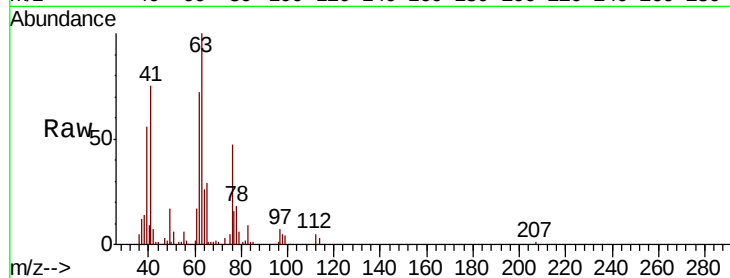
65 28.7 26.1 39.1

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#46

Dibromomethane

Concen: 18.624 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VW005843.D

Acq: 04 Oct 2018 08:21

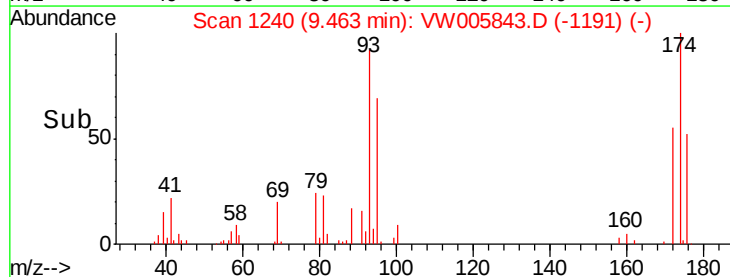
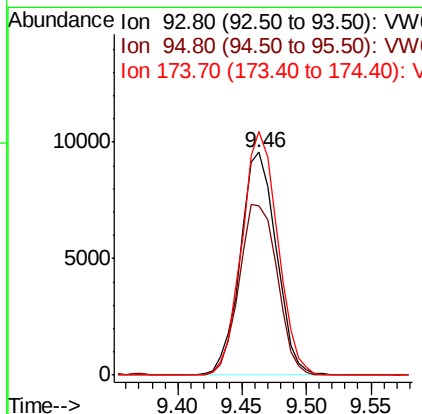
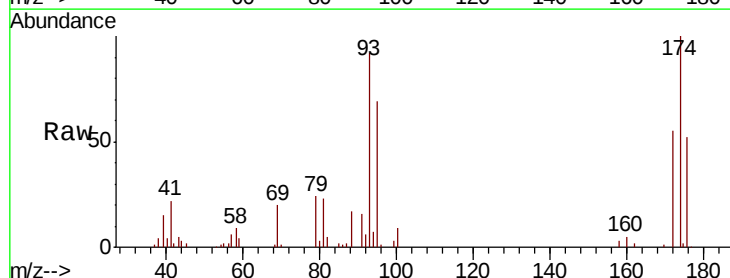
Tgt Ion: 93 Resp: 18512

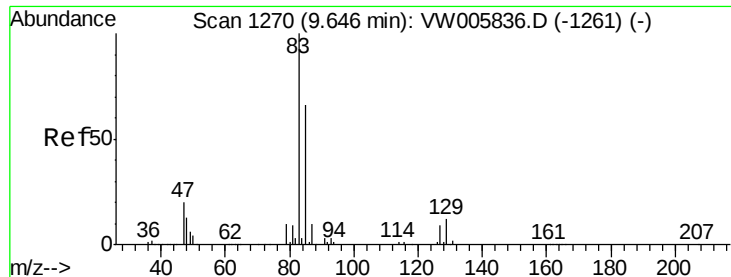
Ion Ratio Lower Upper

93 100

95 80.8 65.9 98.9

174 108.7 88.4 132.6





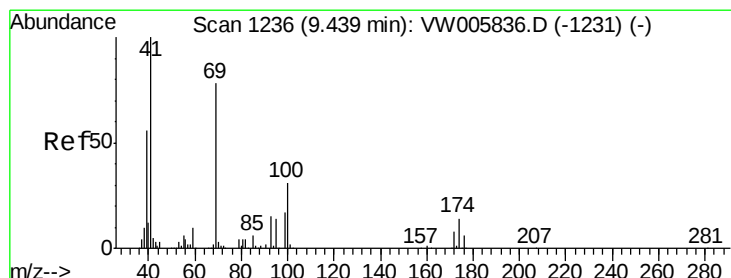
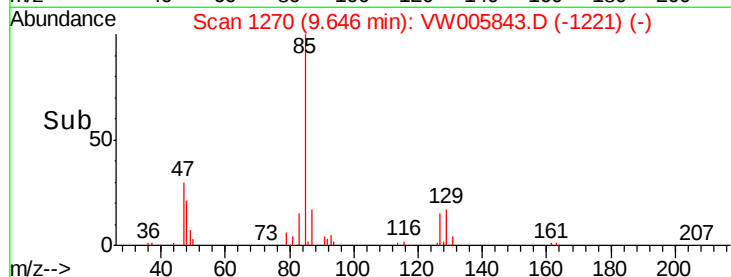
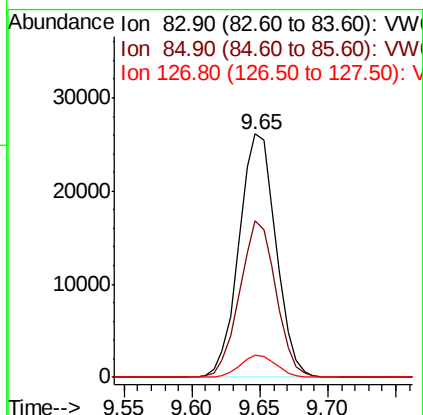
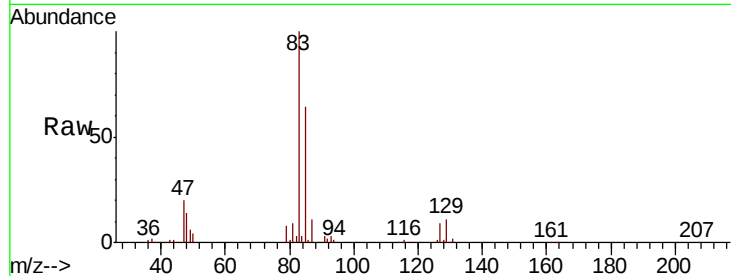
#47
Bromodichloromethane
Concen: 18.873 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VW005843.D
Acq: 04 Oct 2018 08:21

Instrument :
MSVOA_W
ClientSampled :
VW1004SBS01

Tot Ion	83	85	127	Resp	Lower	Upper
49648	100	64.1	9.3	52.6	78.8	11.0

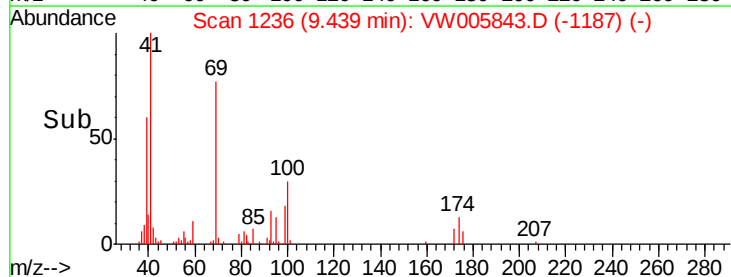
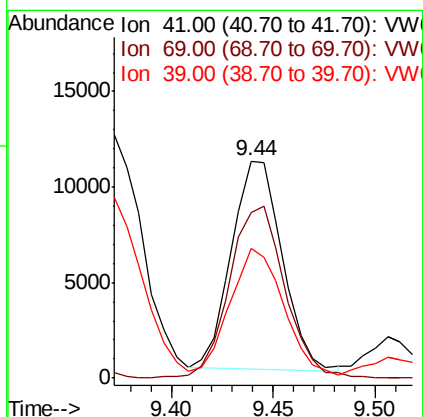
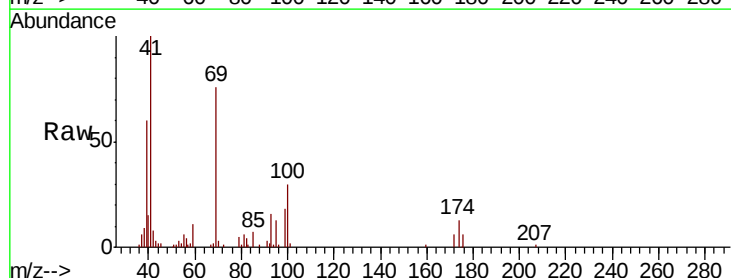
Manual Integrations
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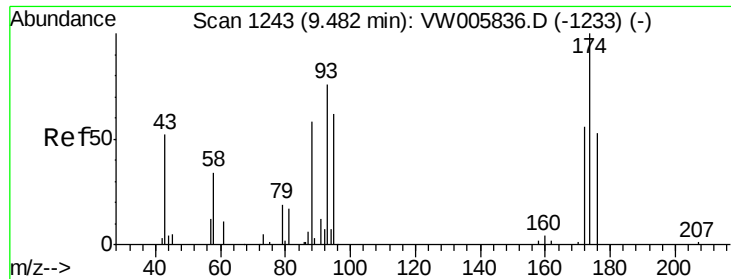
apatel
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#48
Methyl methacrylate
Concen: 17.873 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW005843.D
Acq: 04 Oct 2018 08:21

Tgt Ion	41	69	39	Resp	Lower	Upper
18851	100	90.2	63.1	66.4	99.6	75.1





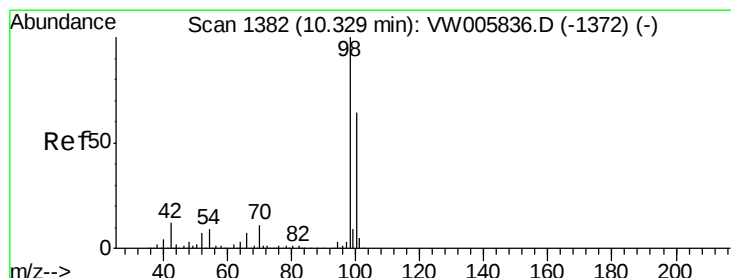
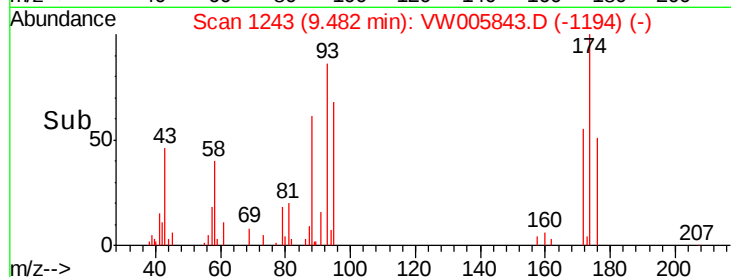
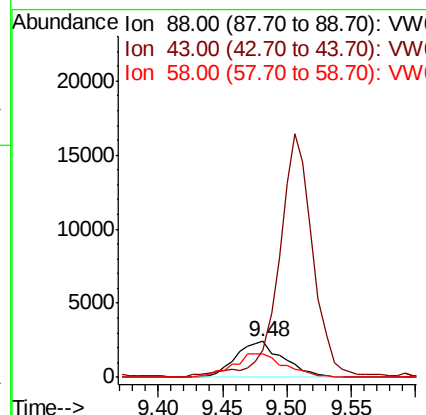
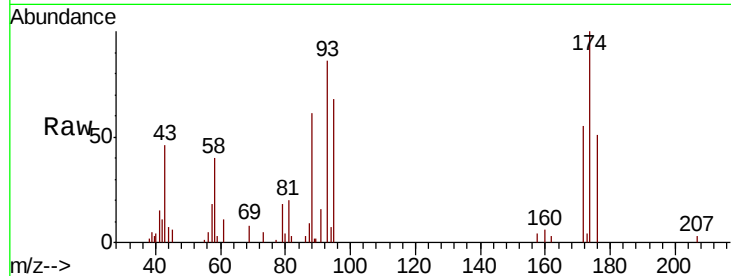
#49
1,4-Dioxane
Concen: 400.636 ug/l
RT: 9.48 min Scan# 1243
Delta R.T. -0.00 min
Lab File: VW005843.D
Acq: 04 Oct 2018 08:21

Instrument :
MSVOA_W
ClientSampleId :
VW1004SBSD01

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

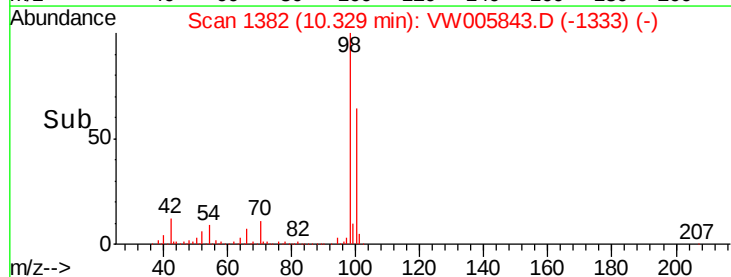
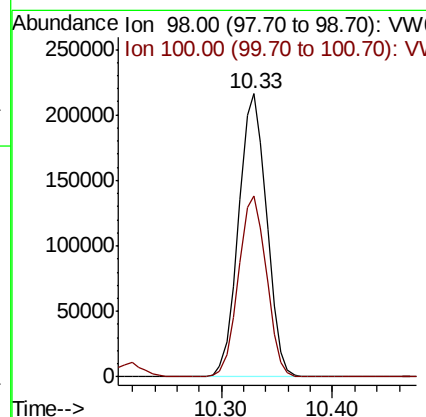
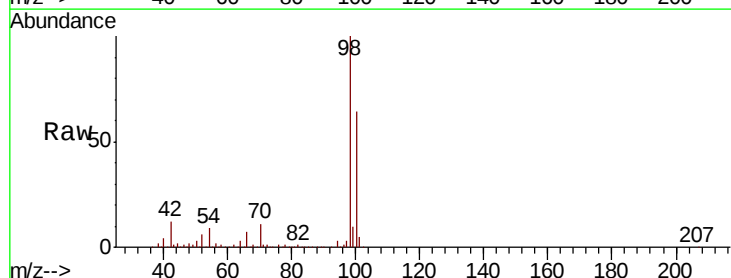
Manual Integrations
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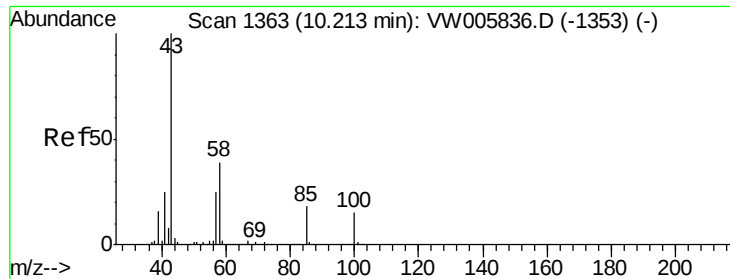
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#50
Toluene-d8
Concen: 54.267 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005843.D
Acq: 04 Oct 2018 08:21

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 99.867 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW005843.D

Acq: 04 Oct 2018 08:21

Instrument :

MSVOA_W

ClientSampleId :

VW1004SBSD01

Tot Ion: 43 Resp: 113186

Ion Ratio Lower Upper

43 100

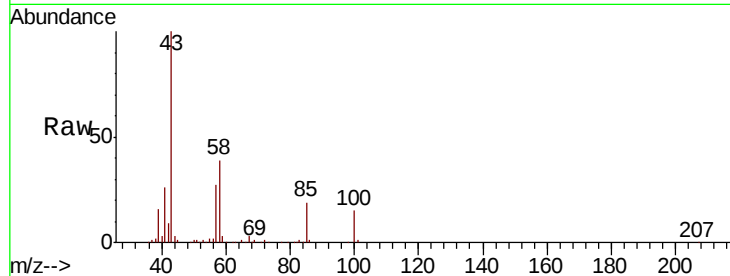
58 38.4 30.6 45.8

Manual Integrations

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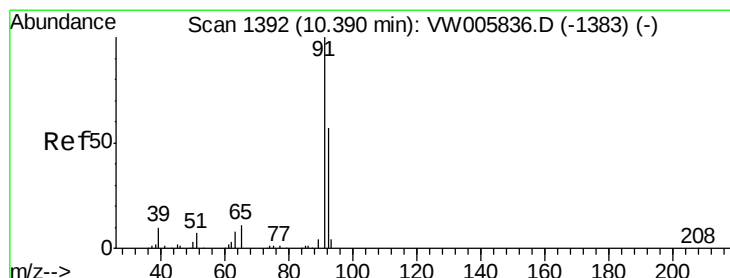
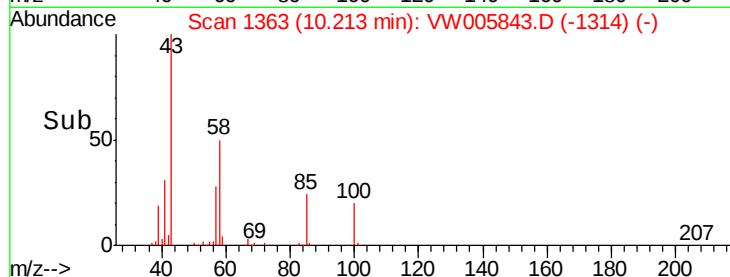
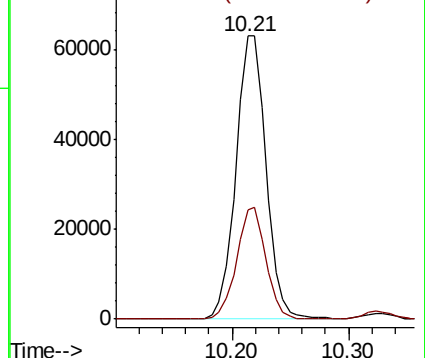
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 20.830 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW005843.D

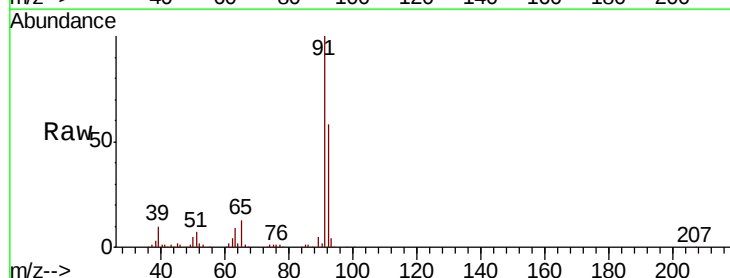
Acq: 04 Oct 2018 08:21

Tgt Ion: 92 Resp: 101894

Ion Ratio Lower Upper

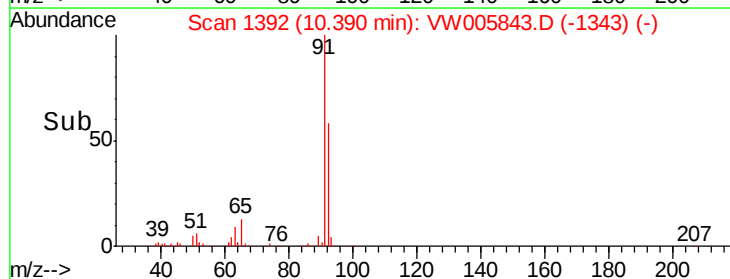
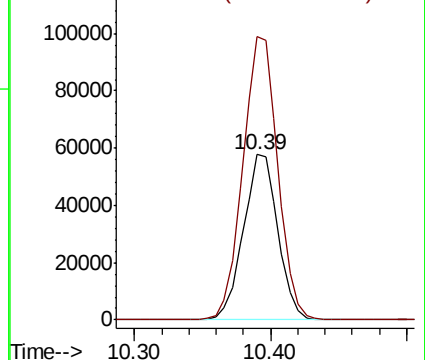
92 100

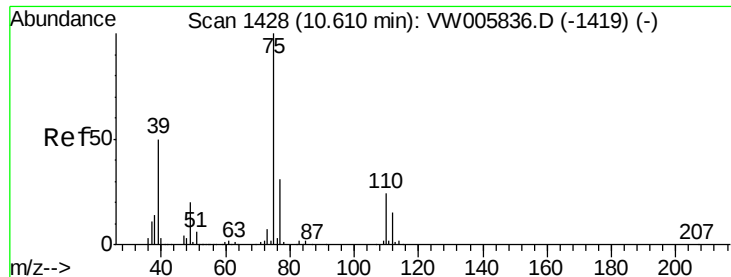
91 173.4 139.0 208.4



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





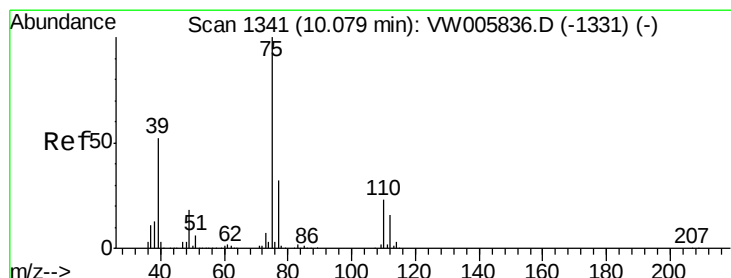
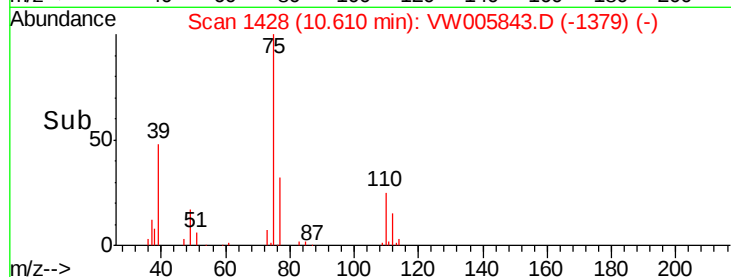
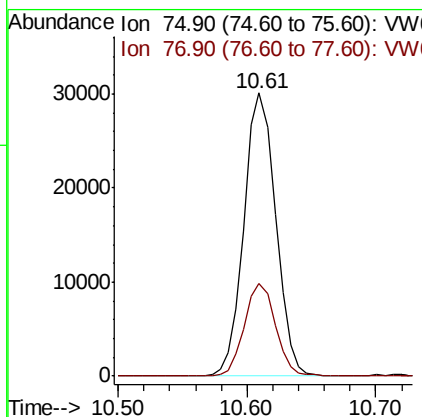
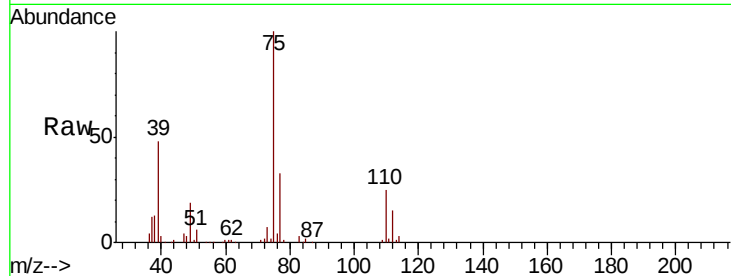
#53
t-1,3-Dichloropropene
Concen: 19.974 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. -0.00 min
Lab File: VW005843.D
Acq: 04 Oct 2018 08:21

Instrument :
MSVOA_W
ClientSampleId :
VW1004SBSD01

Tot Ion: 75 Resp: 51304
Ion Ratio Lower Upper
75 100
77 32.6 25.0 37.4

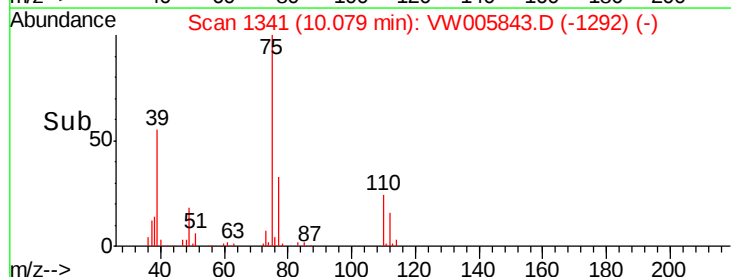
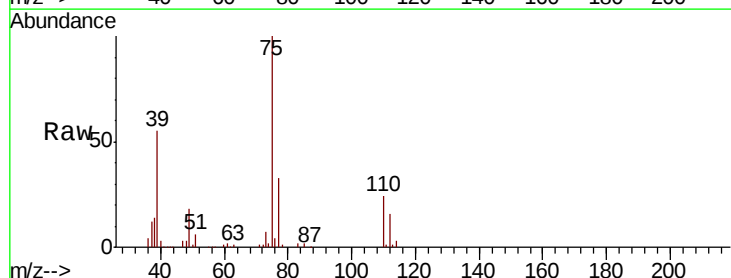
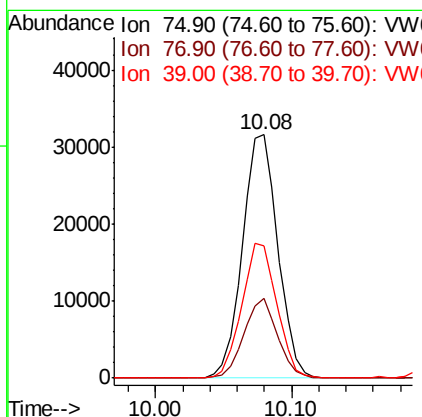
Manual Integrations
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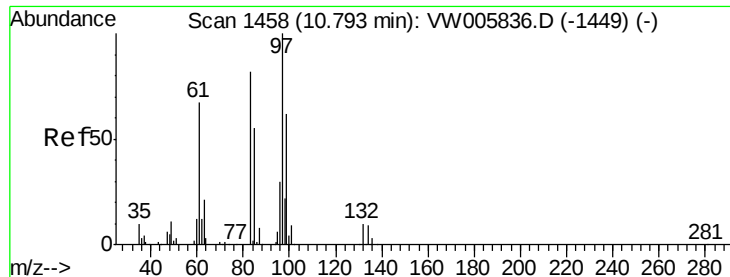
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#54
cis-1,3-Dichloropropene
Concen: 19.949 ug/l
RT: 10.08 min Scan# 1341
Delta R.T. -0.00 min
Lab File: VW005843.D
Acq: 04 Oct 2018 08:21

Tgt Ion: 75 Resp: 57369
Ion Ratio Lower Upper
75 100
77 32.6 25.4 38.2
39 54.6 41.9 62.9





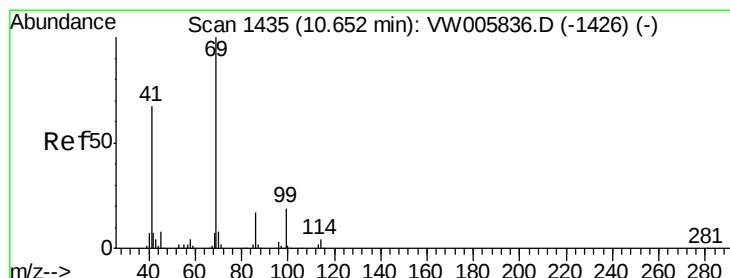
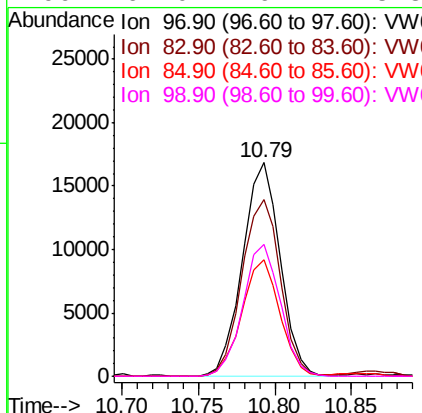
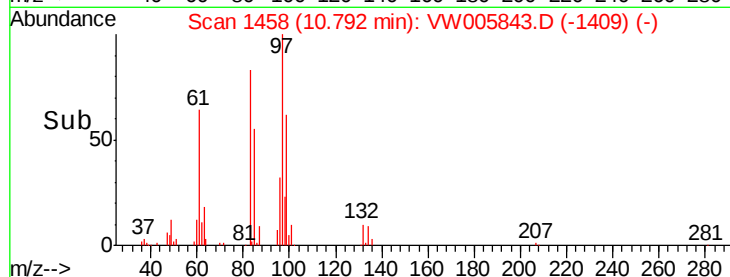
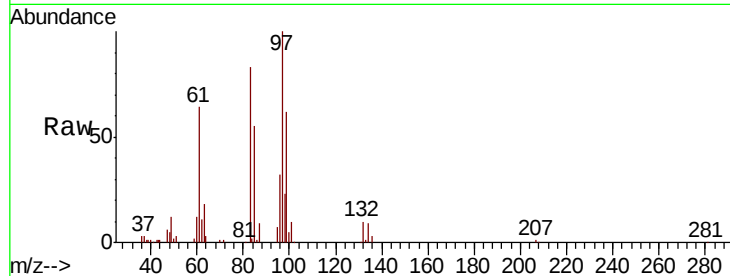
#55
 1,1,2-Trichloroethane
 Concen: 20.098 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005843.D
 Acq: 04 Oct 2018 08:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1004SBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		28860		
83	83.0	65.9	98.9		
85	54.5	44.2	66.2		
99	62.0	49.2	73.8		

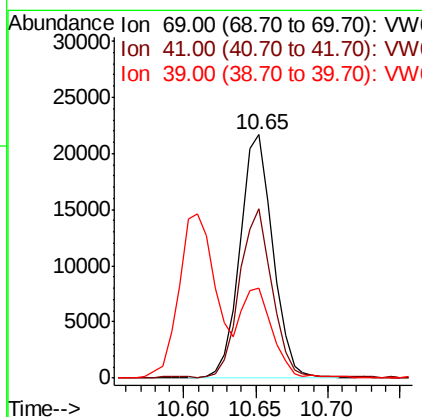
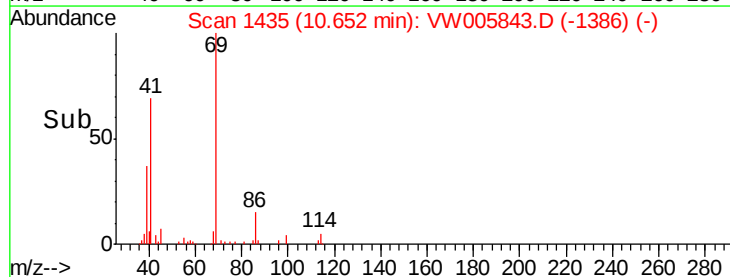
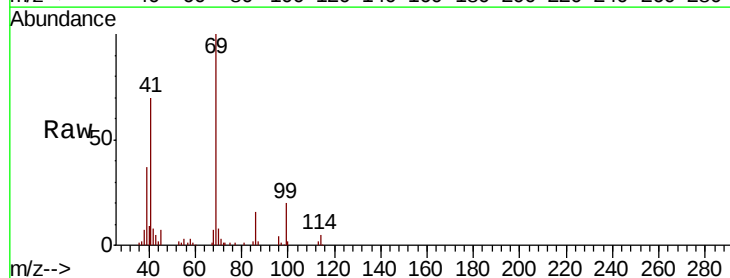
Manual Integrations
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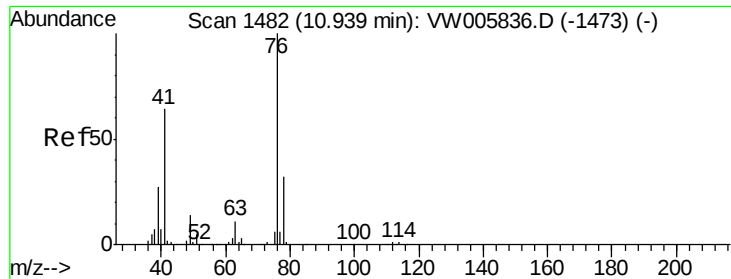
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#56
 Ethyl methacrylate
 Concen: 19.967 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW005843.D
 Acq: 04 Oct 2018 08:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		34339		
41	67.7	55.8	83.6		
39	35.4	29.3	43.9		





#57

1,3-Dichloropropane

Concen: 20.537 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VW005843.D

Acq: 04 Oct 2018 08:21

Instrument :

MSVOA_W

ClientSampleId :

VW1004SBSD01

Tot Ion: 76 Resp: 50206

Ion Ratio Lower Upper

76 100

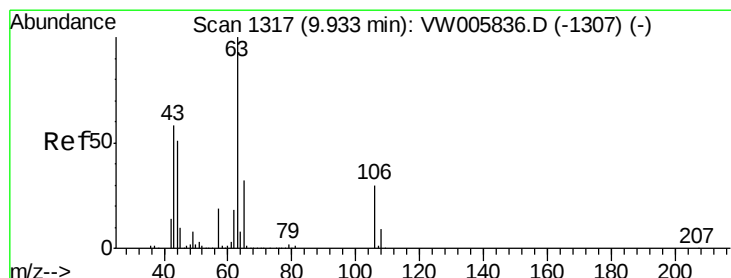
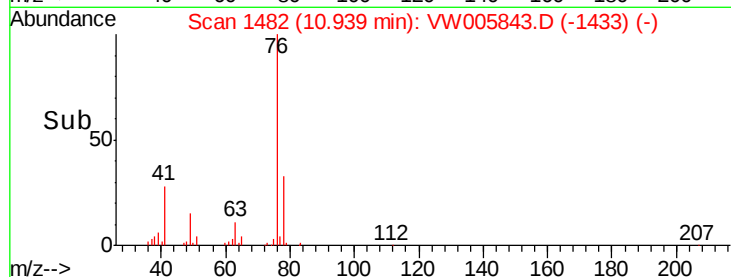
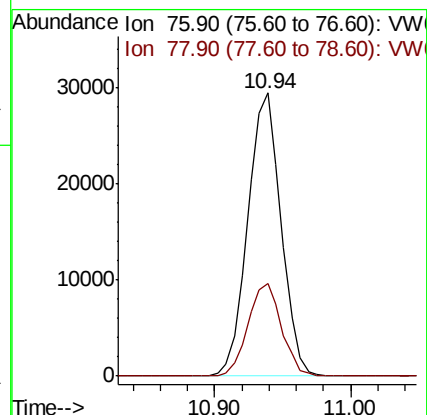
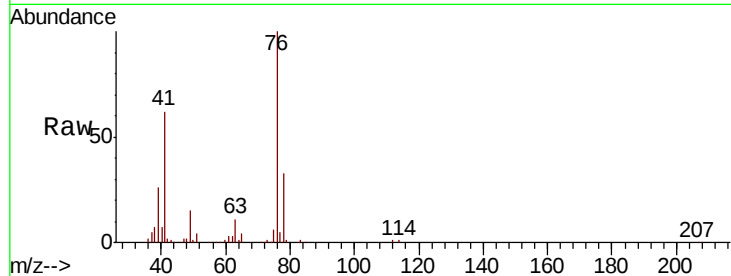
78 32.6 25.4 38.0

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 100.381 ug/l

RT: 9.93 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VW005843.D

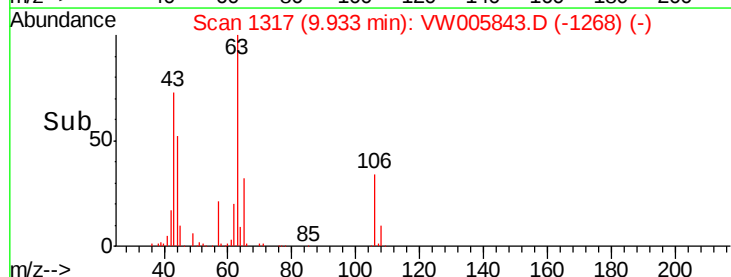
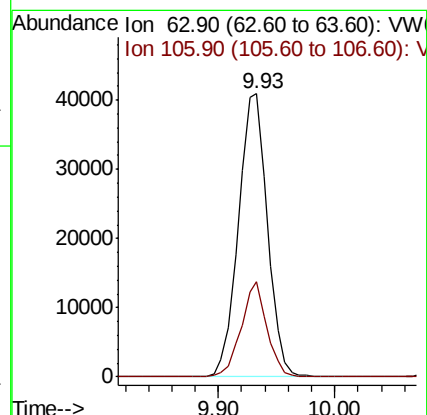
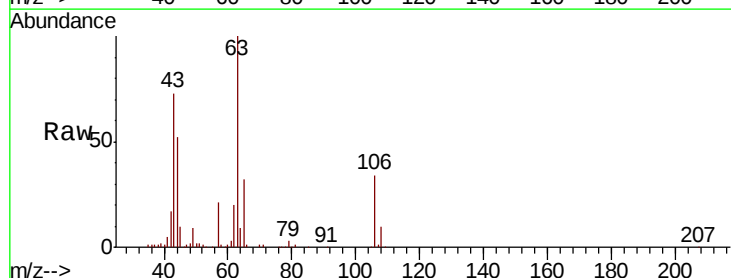
Acq: 04 Oct 2018 08:21

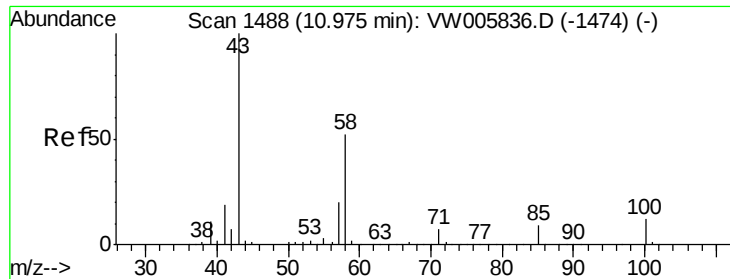
Tgt Ion: 63 Resp: 70970

Ion Ratio Lower Upper

63 100

106 29.8 23.7 35.5





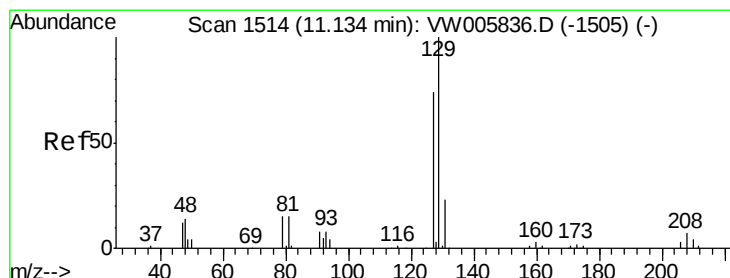
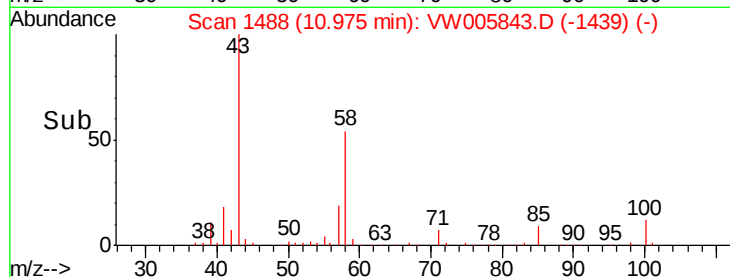
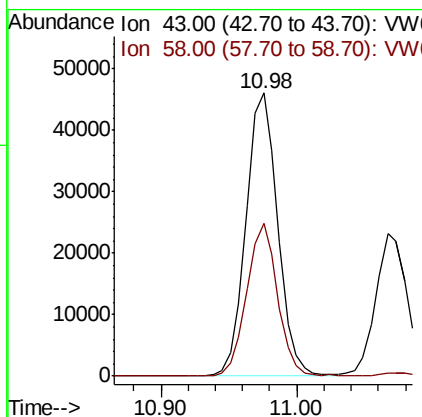
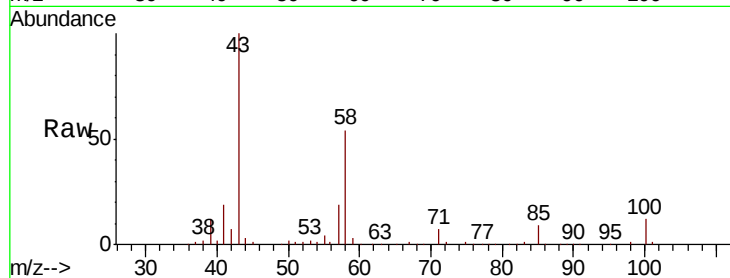
#59
2-Hexanone
Concen: 99.720 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005843.D
Acq: 04 Oct 2018 08:21

Instrument :
MSVOA_W
ClientSampleId :
VW1004SBSD01

Tot Ion: 43 Resp: 75593
Ion Ratio Lower Upper
43 100
58 52.5 25.9 77.7

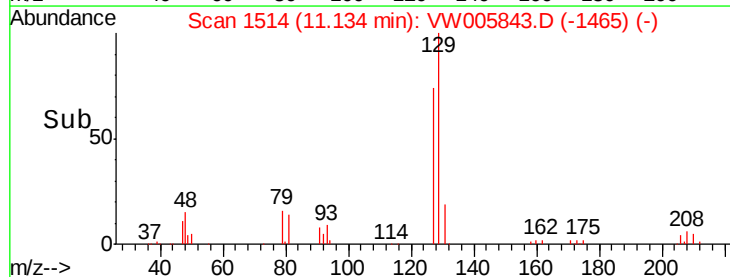
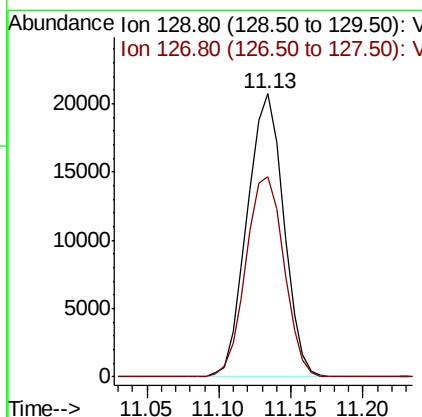
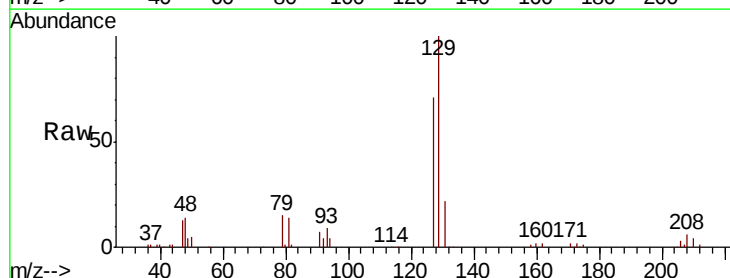
Manual Integrations
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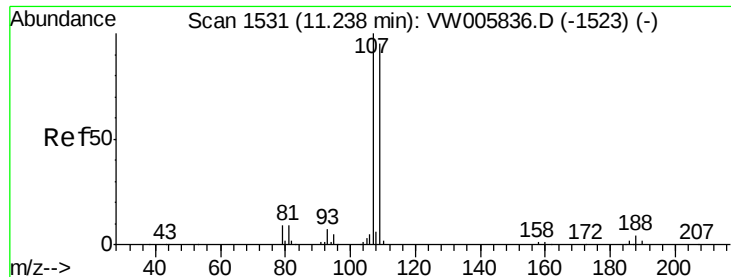
apatel
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#60
Dibromochloromethane
Concen: 20.312 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW005843.D
Acq: 04 Oct 2018 08:21

Tgt Ion: 129 Resp: 36410
Ion Ratio Lower Upper
129 100
127 73.8 37.2 111.6





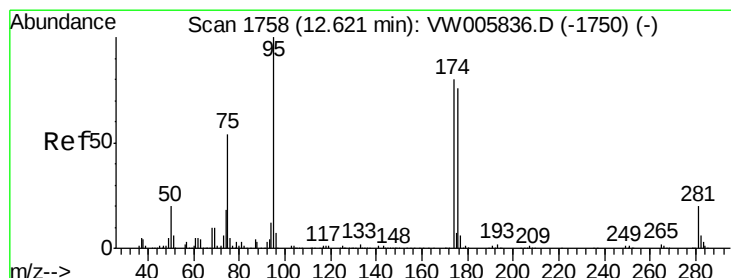
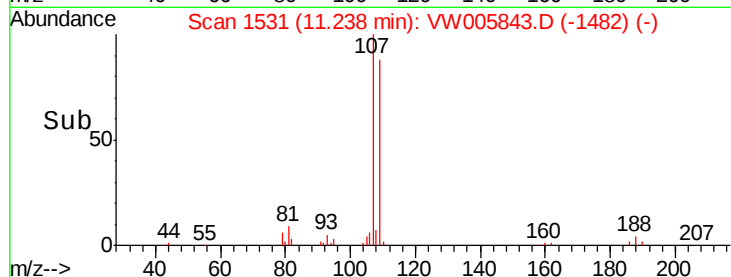
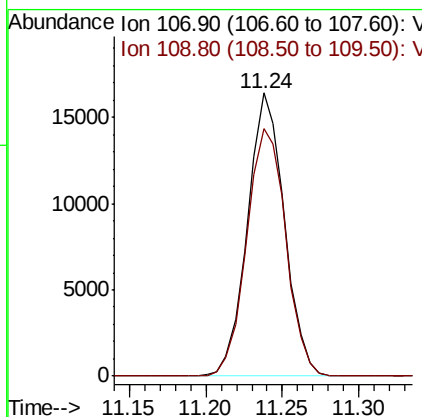
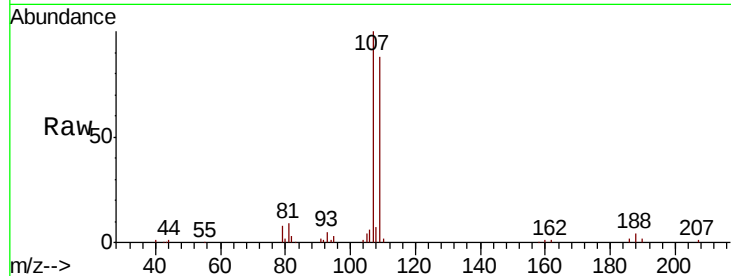
#61
 1,2-Dibromoethane
 Concen: 20.573 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW005843.D
 Acq: 04 Oct 2018 08:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1004SBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.0	76.6	114.8

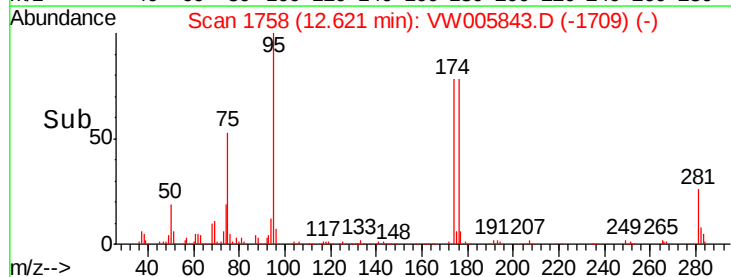
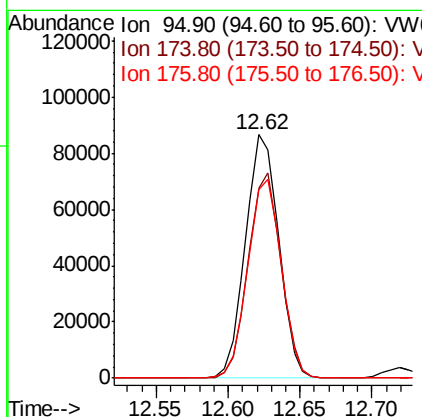
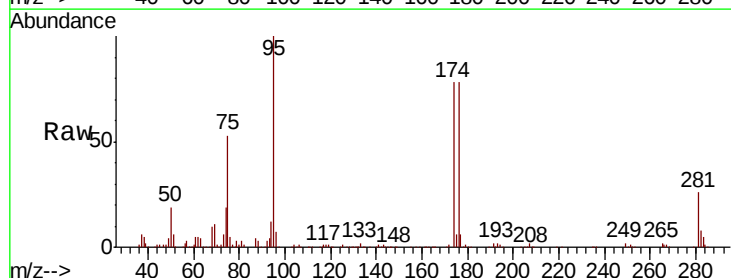
Manual Integrations
 APPROVED

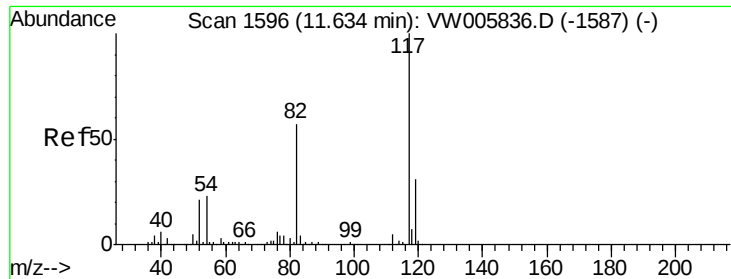
apatel
 10/4/2018 2:48:14 PM



#62
 4-Bromofluorobenzene
 Concen: 54.098 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW005843.D
 Acq: 04 Oct 2018 08:21

Tgt Ion	Ratio	Lower	Upper
95	100		
174	82.9	0.0	169.0
176	82.1	0.0	164.2





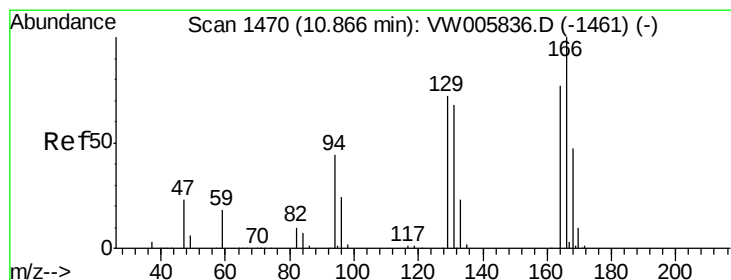
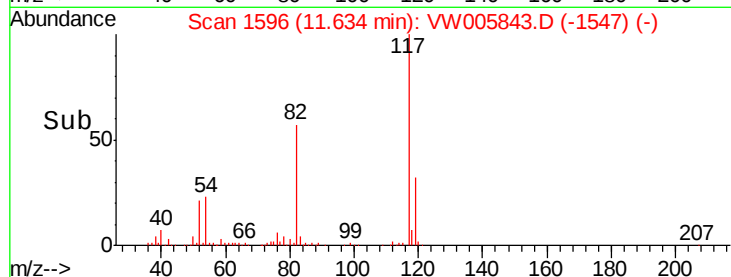
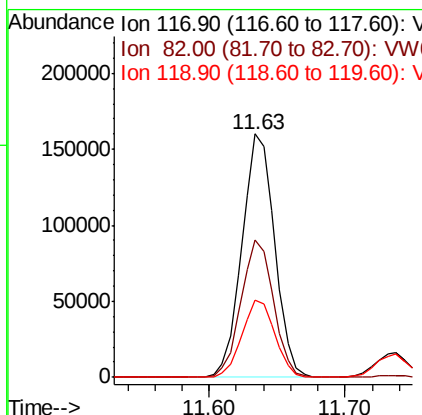
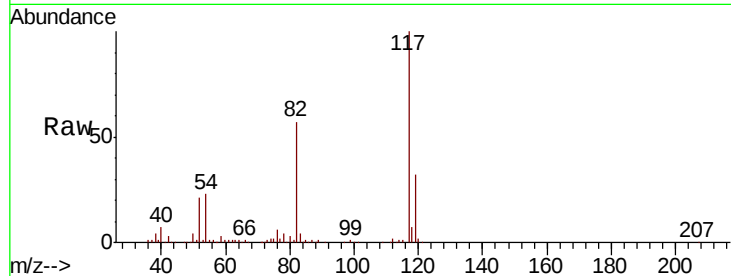
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005843.D
Acq: 04 Oct 2018 08:21

Instrument :
MSVOA_W
ClientSampleId :
VW1004SBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.6	45.6	68.4
119	31.8	25.0	37.6

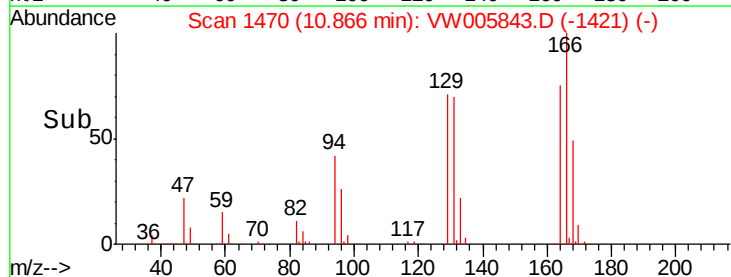
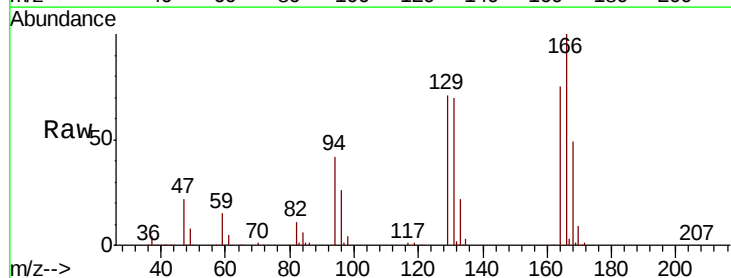
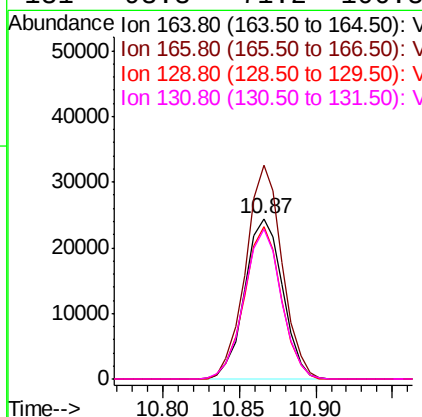
Manual Integrations
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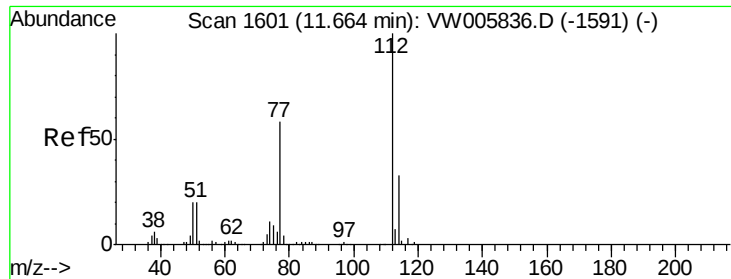
apatel
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#64
Tetrachloroethene
Concen: 20.028 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005843.D
Acq: 04 Oct 2018 08:21

Tgt Ion	Ratio	Lower	Upper
164	100		
166	133.2	104.0	156.0
129	95.1	74.8	112.2
131	93.3	71.2	106.8





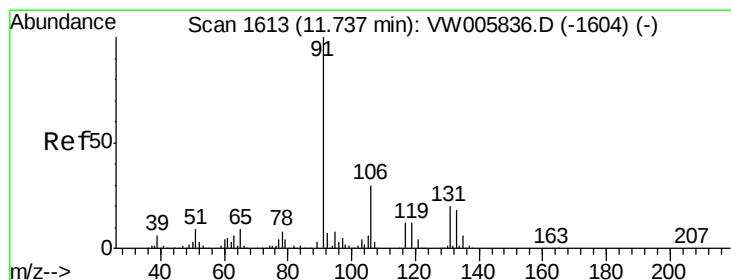
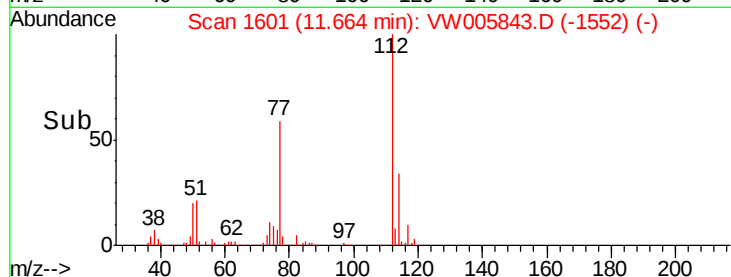
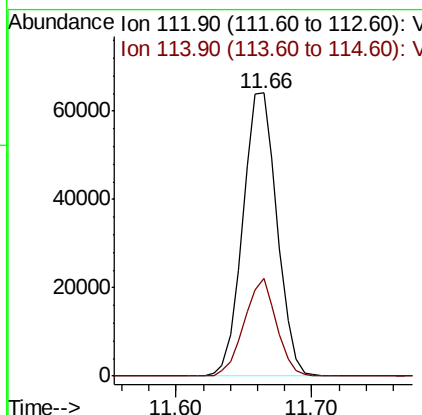
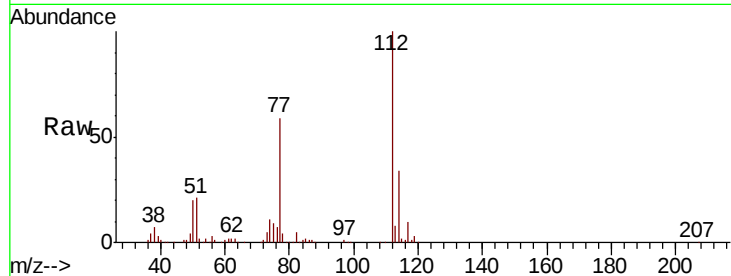
#65
Chlorobenzene
Concen: 19.142 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW005843.D
Acq: 04 Oct 2018 08:21

Instrument :
MSVOA_W
ClientSampled :
VW1004SBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	34.4	26.1	39.1

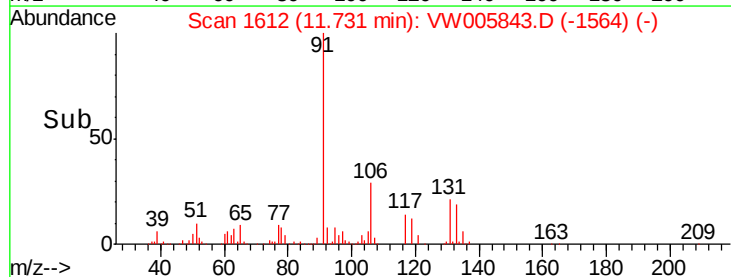
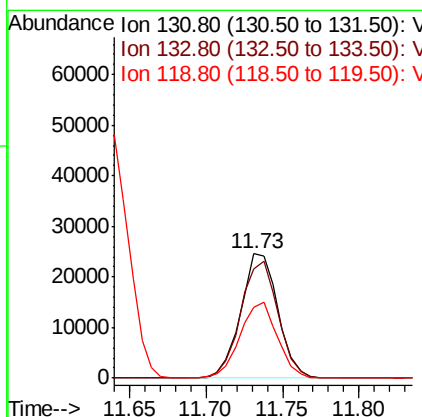
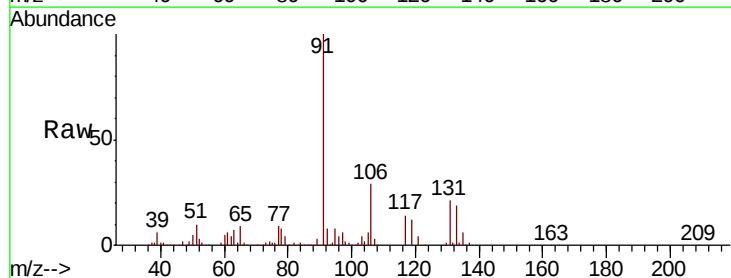
Manual Integrations
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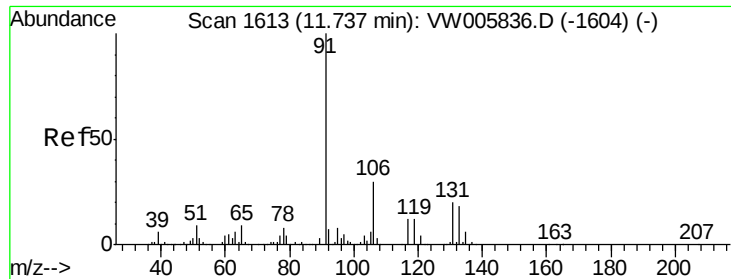
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.995 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW005843.D
Acq: 04 Oct 2018 08:21

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.2	47.0	141.0
119	61.2	30.4	91.2





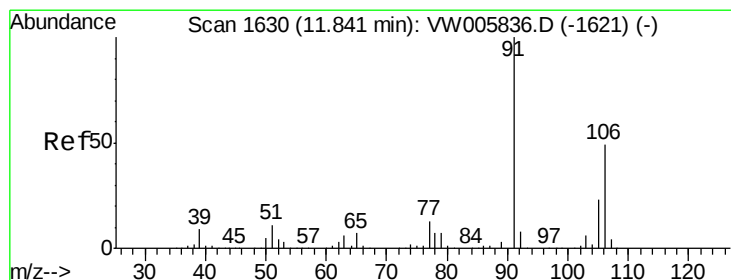
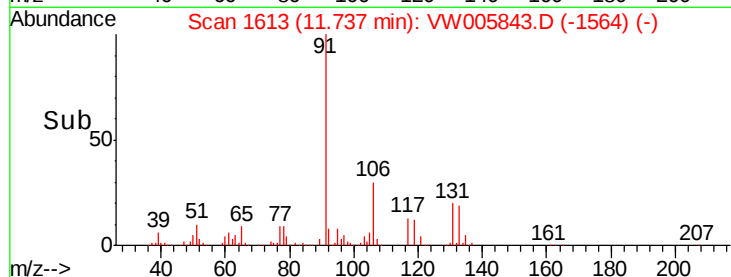
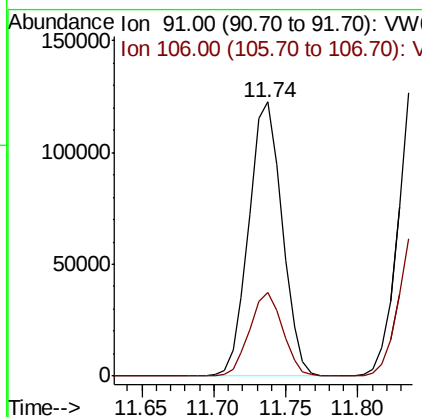
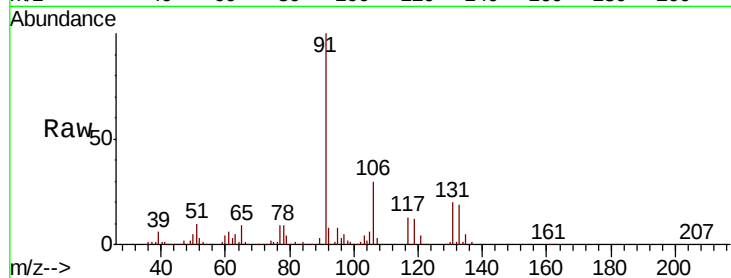
#67
Ethyl Benzene
Concen: 19.495 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005843.D
Acq: 04 Oct 2018 08:21

Instrument :
MSVOA_W
ClientSampleId :
VW1004SBS01

Tot Ion: 91 Resp: 196360
Ion Ratio Lower Upper
91 100
106 30.4 24.3 36.5

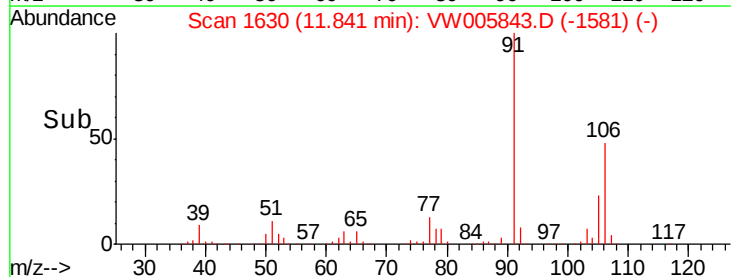
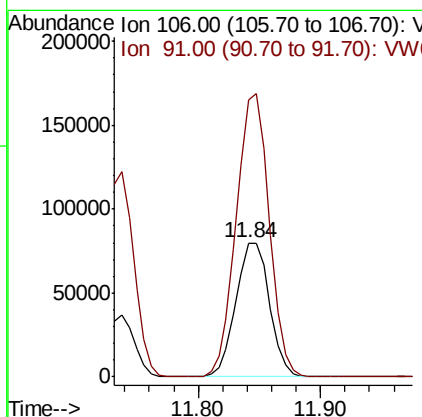
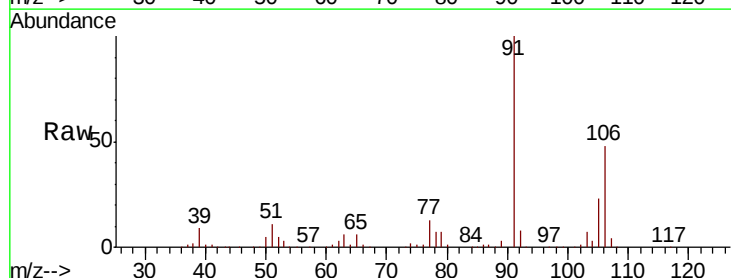
Manual Integrations
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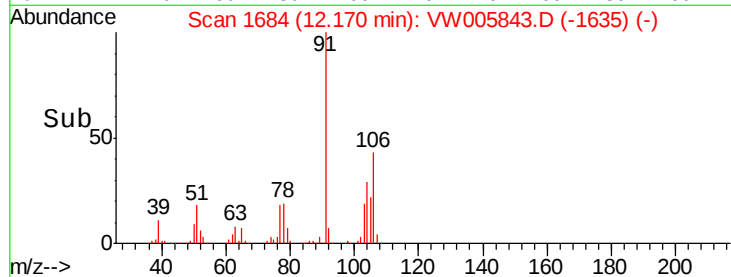
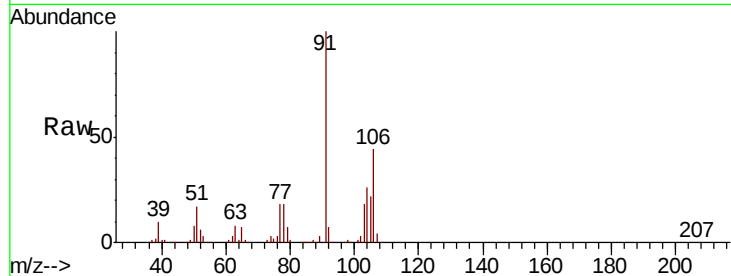
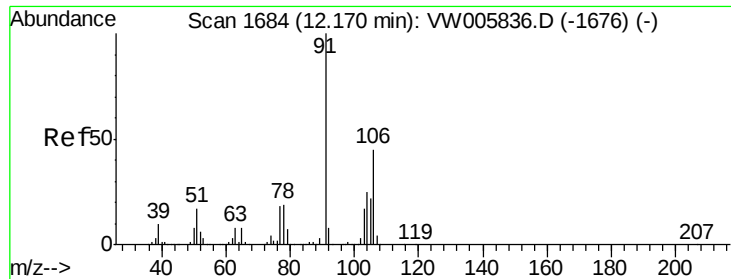
apatel
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#68
m/p-Xylenes
Concen: 39.236 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW005843.D
Acq: 04 Oct 2018 08:21

Tgt Ion: 106 Resp: 152282
Ion Ratio Lower Upper
106 100
91 207.7 165.4 248.0





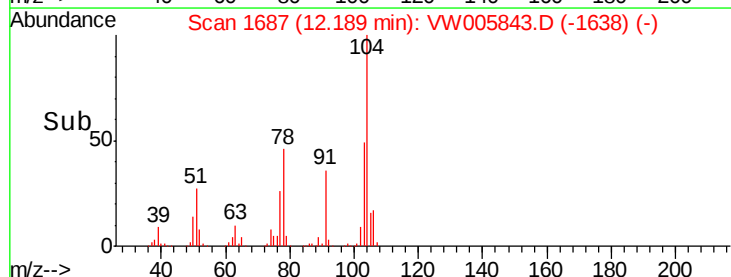
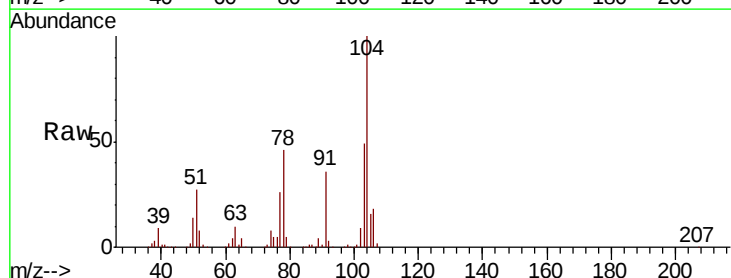
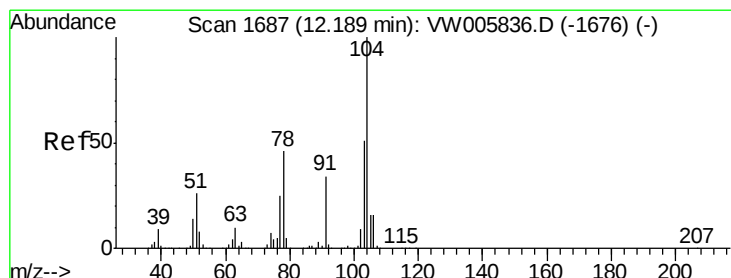
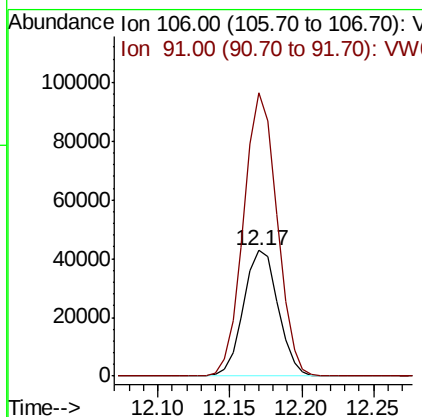
#69
o-Xylene
Concen: 19.739 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005843.D
Acq: 04 Oct 2018 08:21

Tot Ion:106 Resp: 71207
Ion Ratio Lower Upper
106 100
91 217.7 109.7 329.1

Instrument :
MSVOA_W
ClientSampleId :
VW1004SBSD01

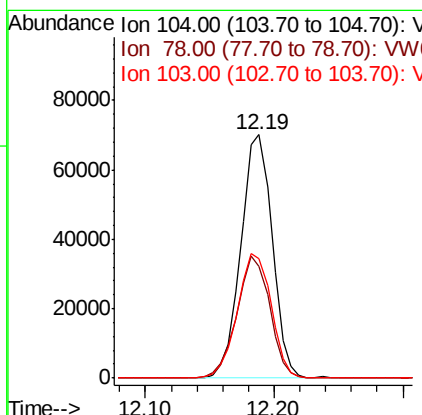
Manual Integrations
APPROVED

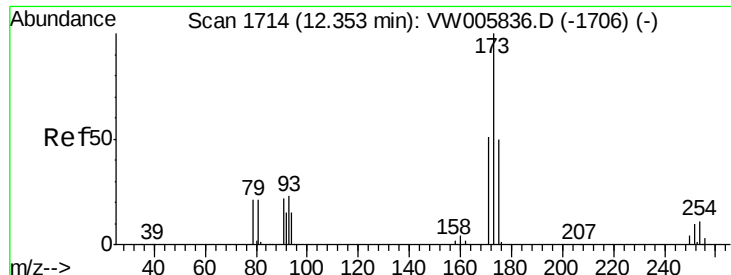
apatel
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#70
Styrene
Concen: 19.338 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005843.D
Acq: 04 Oct 2018 08:21

Tgt Ion:104 Resp: 118331
Ion Ratio Lower Upper
104 100
78 52.4 42.3 63.5
103 55.3 44.9 67.3





#71

Bromoform

Concen: 18.928 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW005843.D

Acq: 04 Oct 2018 08:21

Instrument :

MSVOA_W

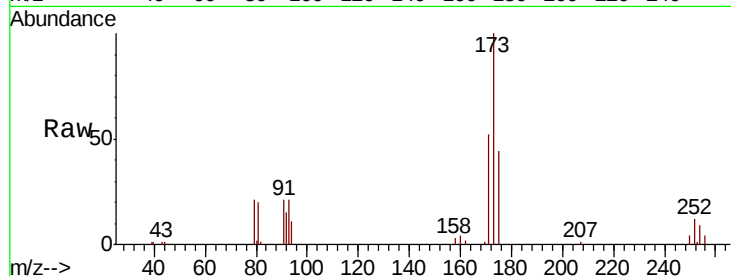
ClientSampled :

VW1004SBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.3	72.9
254	0.0	0.1	0.1#

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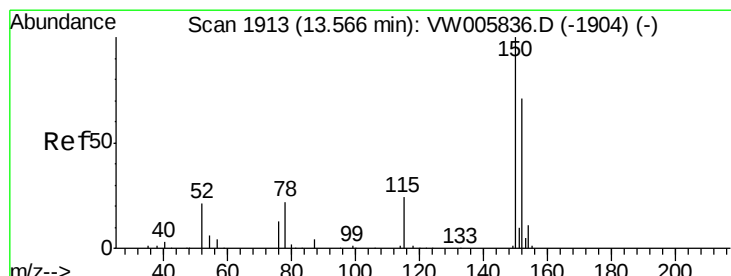
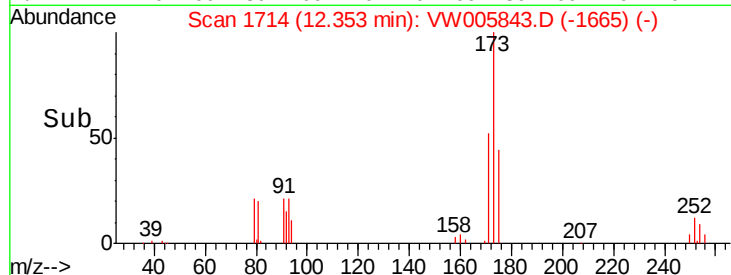
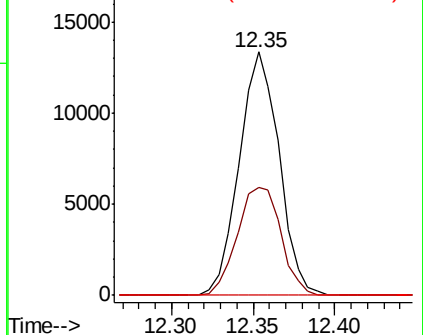


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

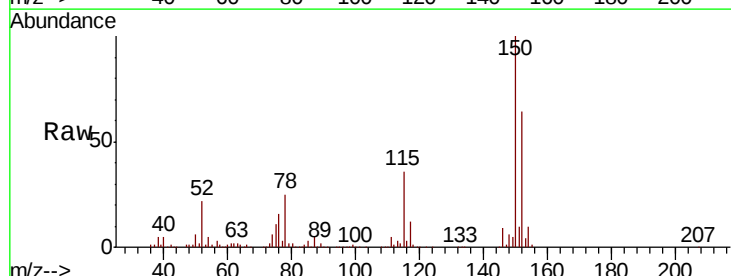
RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005843.D

Acq: 04 Oct 2018 08:21

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.4	29.8	89.4
150	164.7	0.0	349.4

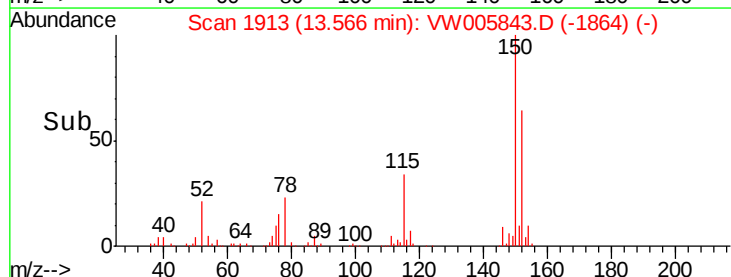
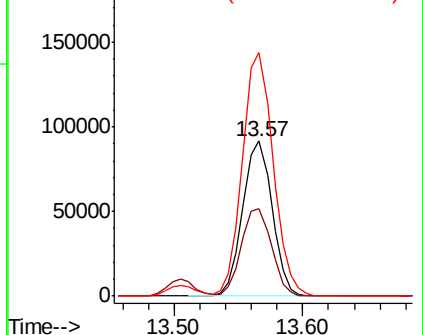


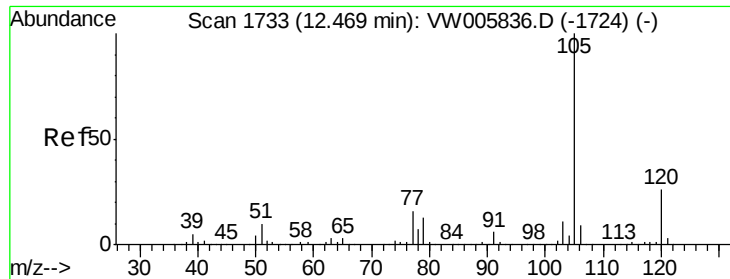
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.168 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005843.D

Acq: 04 Oct 2018 08:21

Instrument :

MSVOA_W

ClientSampleId :

VW1004SBSD01

Tot Ion: 105 Resp: 200988

Ion Ratio Lower Upper

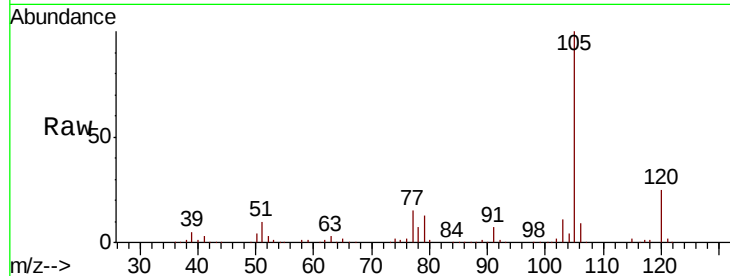
105 100

120 25.5 12.9 38.7

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

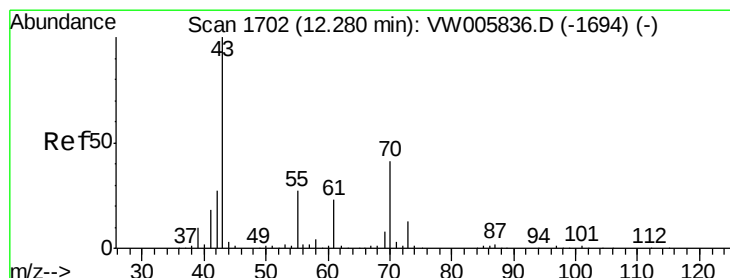
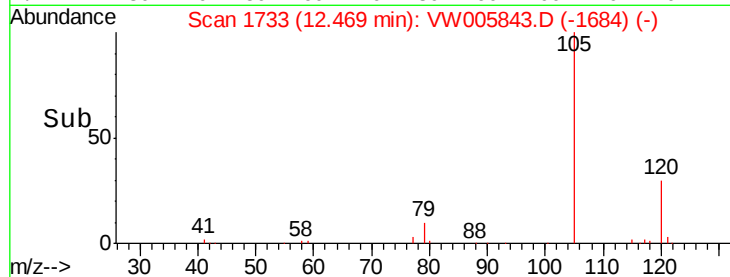
12.47

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 18.936 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005843.D

Acq: 04 Oct 2018 08:21

Tgt Ion: 43 Resp: 41069

Ion Ratio Lower Upper

43 100

70 41.0 33.6 50.4

55 26.9 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

40000

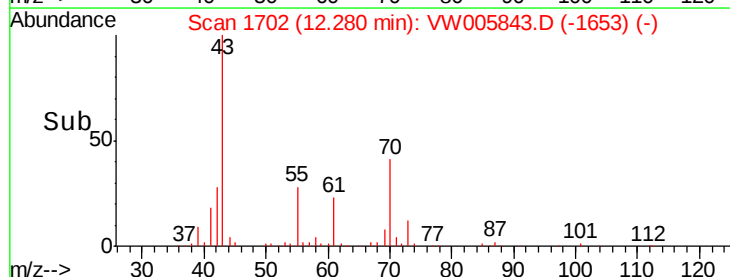
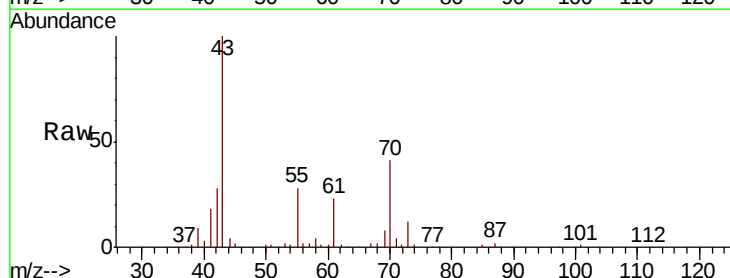
30000

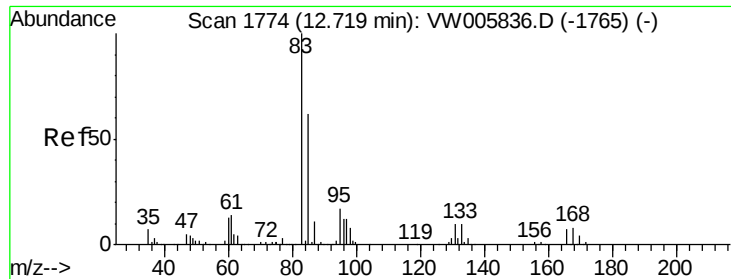
20000

10000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.669 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005843.D

Acq: 04 Oct 2018 08:21

Instrument :

MSVOA_W

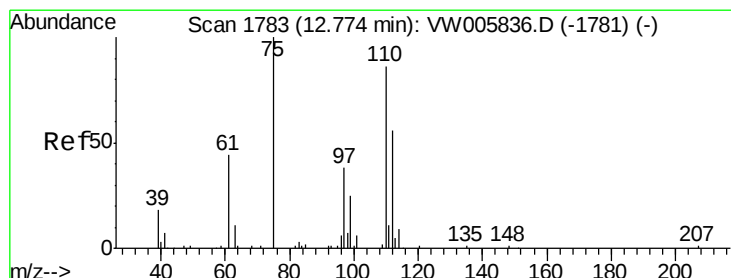
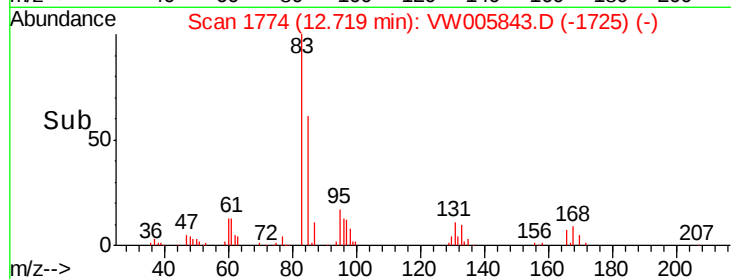
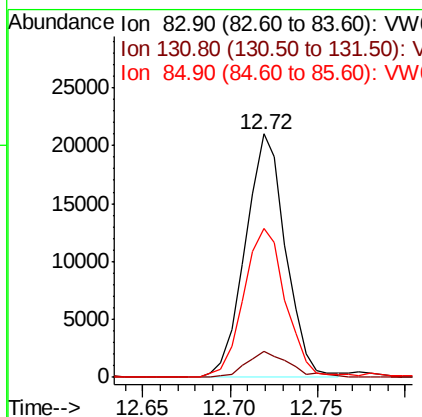
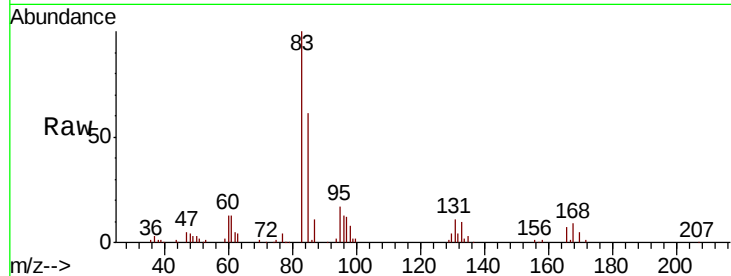
ClientSampleId :

VW1004SBSD01

Tot Ion:	83	Resp:	33631
Ion Ratio	Lower	Upper	
83	100		
131	11.4	5.9	17.6
85	64.1	31.8	95.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 18.323 ug/l m

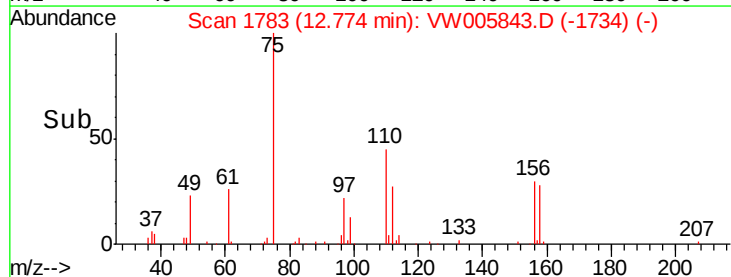
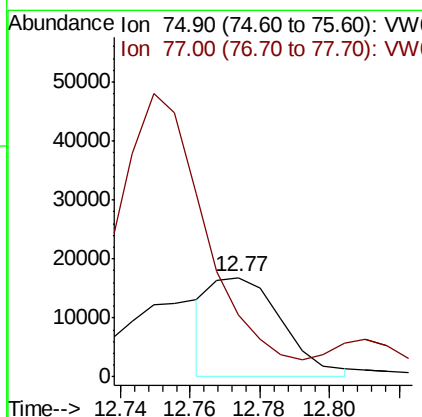
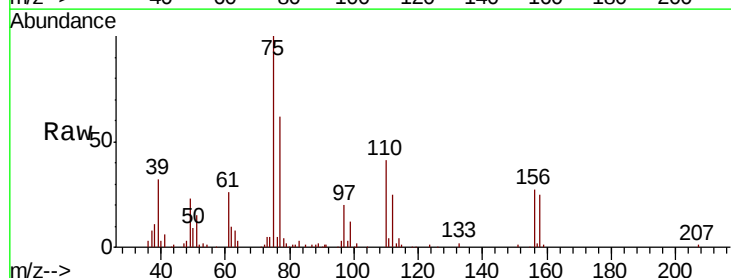
RT: 12.77 min Scan# 1783

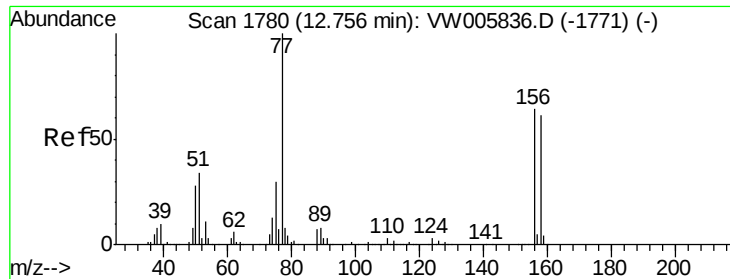
Delta R.T. -0.00 min

Lab File: VW005843.D

Acq: 04 Oct 2018 08:21

Tgt Ion:	75	Resp:	24118
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.722 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.01 min

Lab File: VW005843.D

Acq: 04 Oct 2018 08:21

Instrument :

MSVOA_W

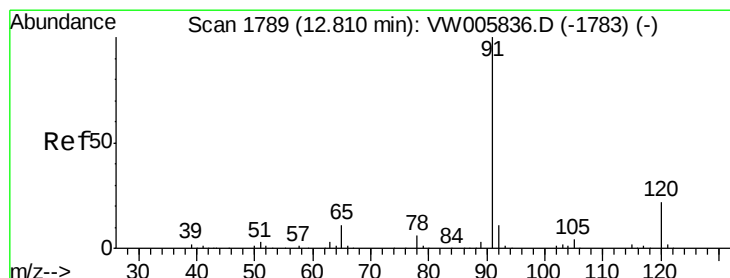
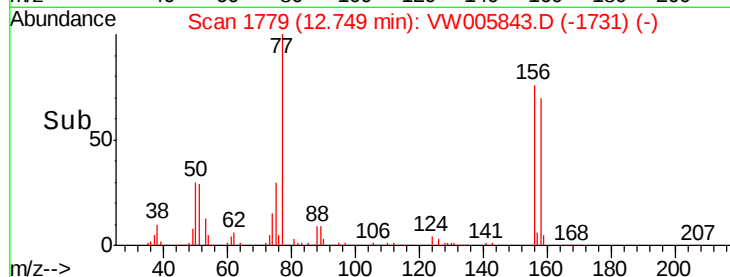
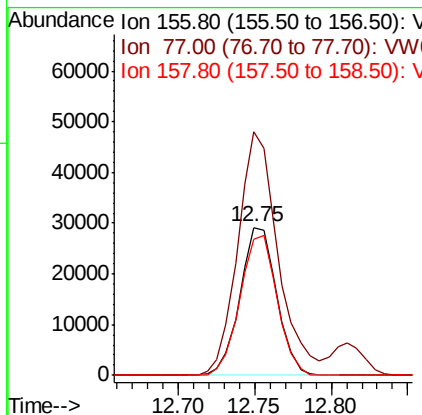
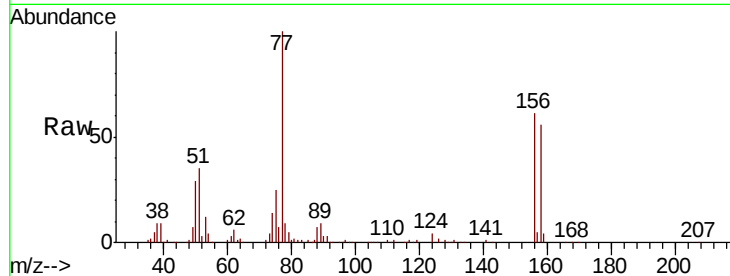
ClientSampleId :

VW1004SBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	180.3	91.0	273.1
158	95.8	48.4	145.2

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#78

n-propylbenzene

Concen: 20.087 ug/l

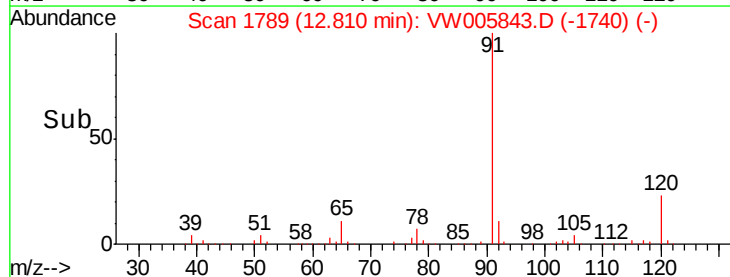
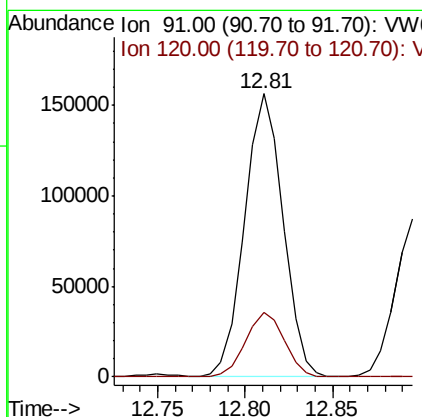
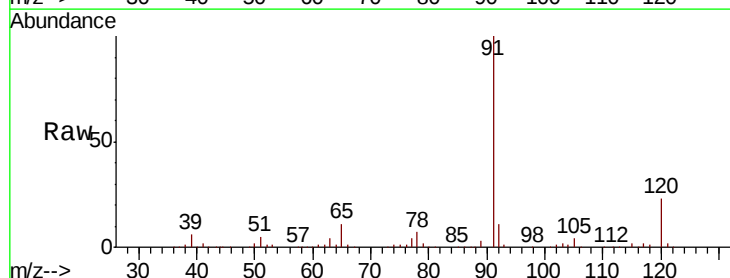
RT: 12.81 min Scan# 1789

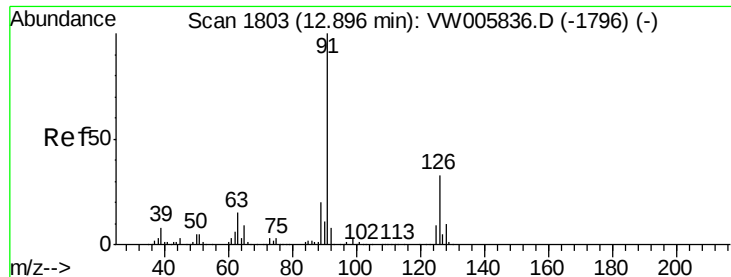
Delta R.T. -0.00 min

Lab File: VW005843.D

Acq: 04 Oct 2018 08:21

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.9	11.3	33.9





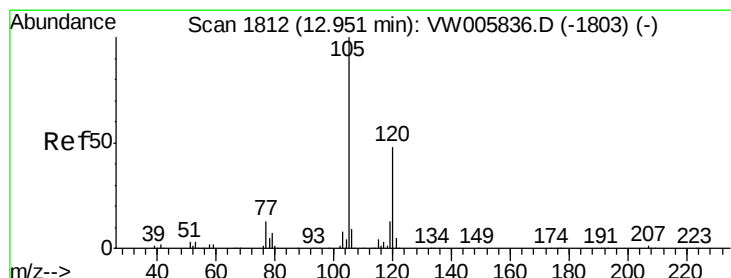
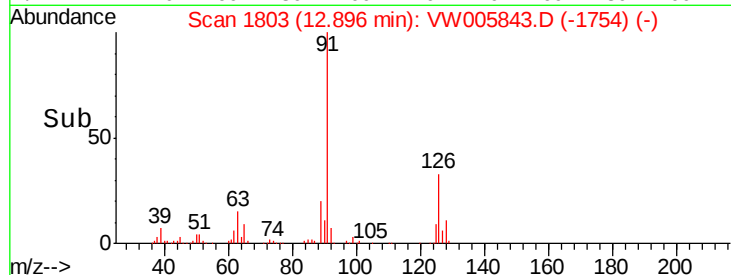
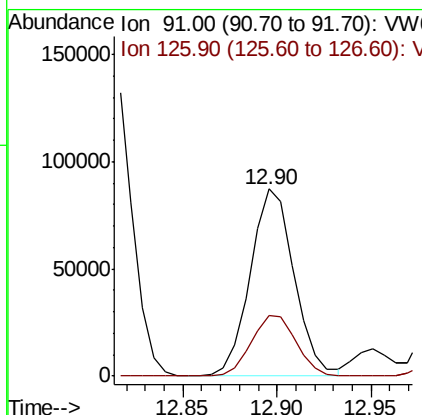
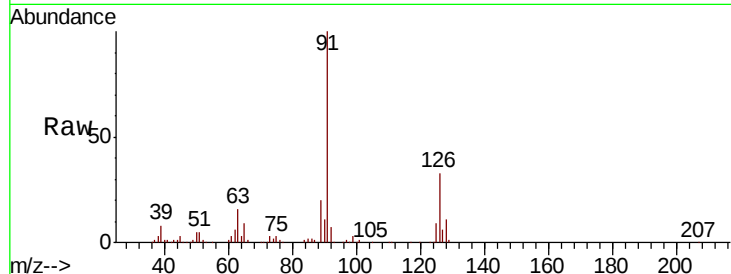
#79
 2-Chlorotoluene
 Concen: 19.939 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW005843.D
 Acq: 04 Oct 2018 08:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1004SBSD01

Tot Ion: 91 Resp: 140766
 Ion Ratio Lower Upper
 91 100
 126 33.5 16.6 49.8

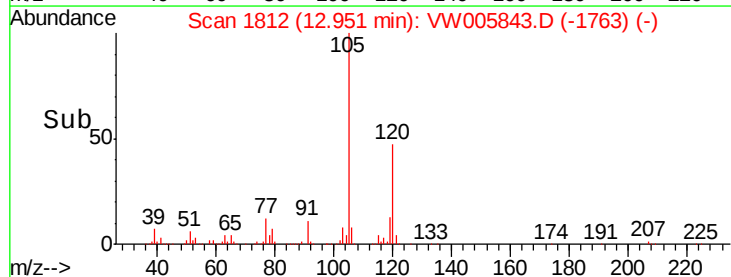
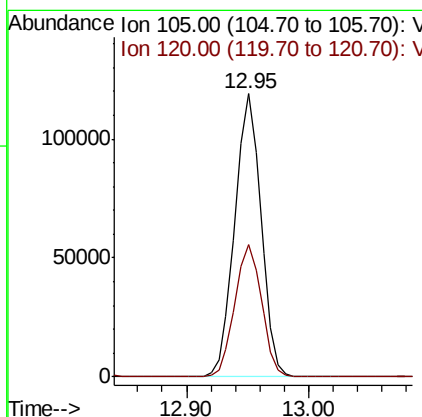
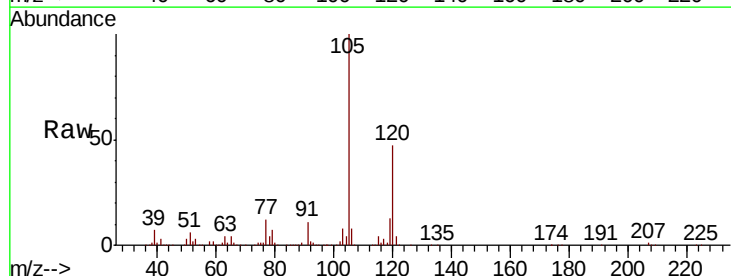
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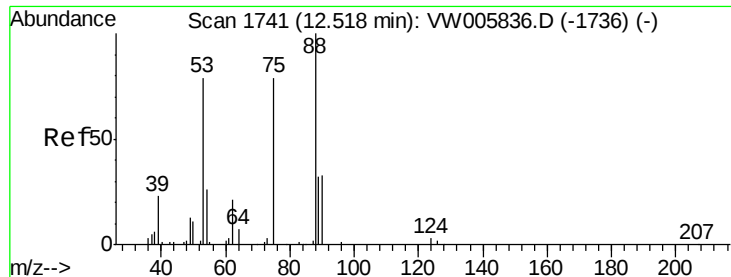
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#80
 1,3,5-Trimethylbenzene
 Concen: 20.421 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW005843.D
 Acq: 04 Oct 2018 08:21

Tgt Ion: 105 Resp: 176727
 Ion Ratio Lower Upper
 105 100
 120 47.7 23.8 71.2





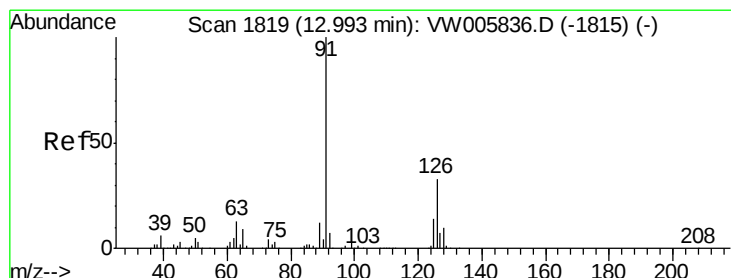
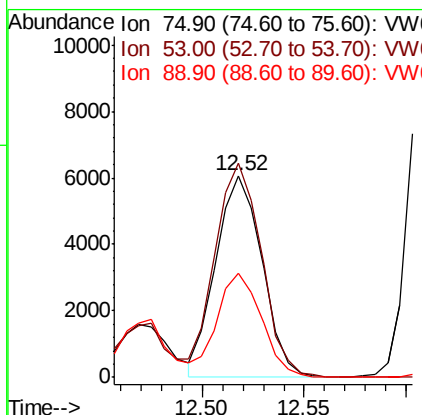
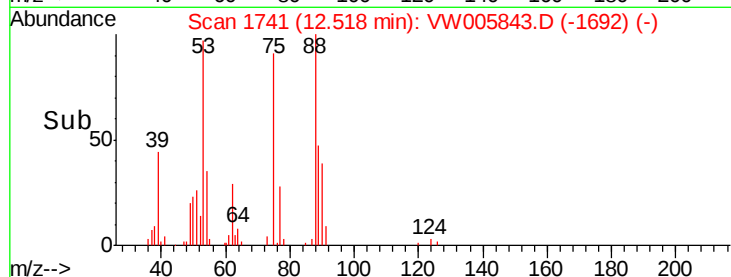
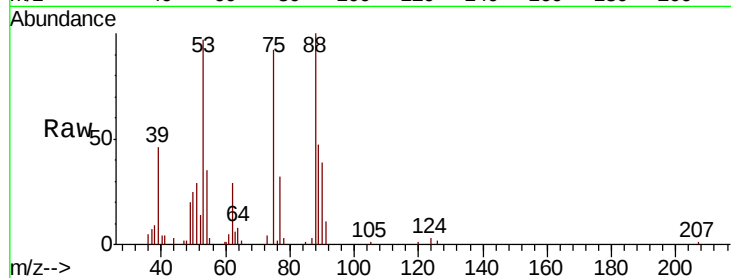
#81
trans-1,4-Dichloro-2-butene
Concen: 18.344 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW005843.D
Acq: 04 Oct 2018 08:21

Instrument :
MSVOA_W
ClientSampleId :
VW1004SBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	106.3	83.7	125.5
89	49.7	37.5	56.3

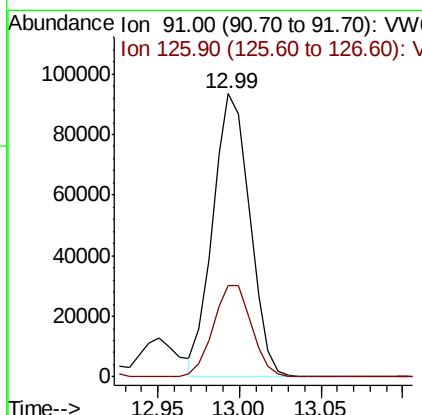
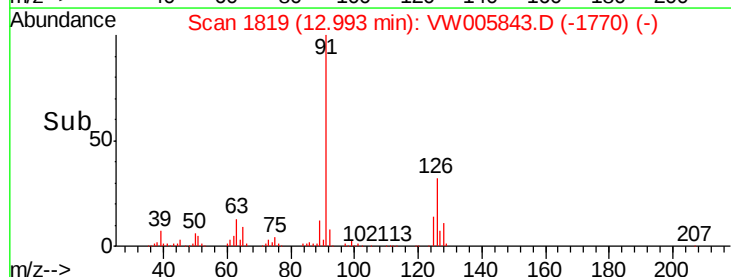
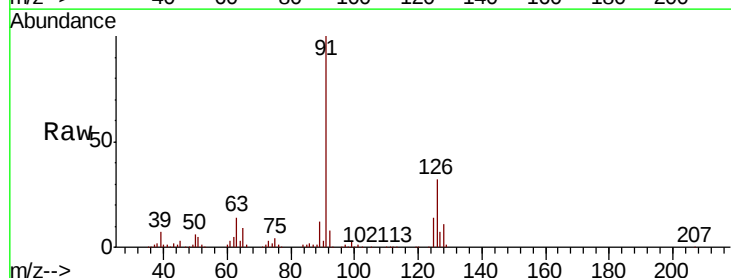
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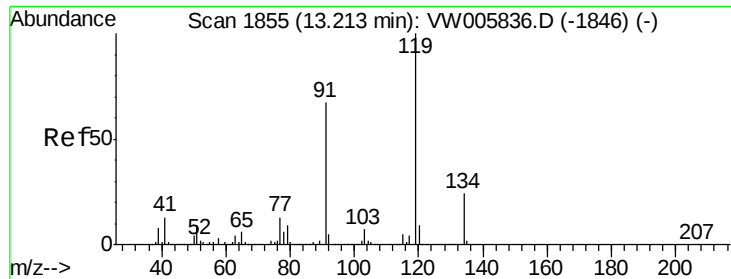
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#82
4-Chlorotoluene
Concen: 19.859 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW005843.D
Acq: 04 Oct 2018 08:21

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.7	16.7	50.0





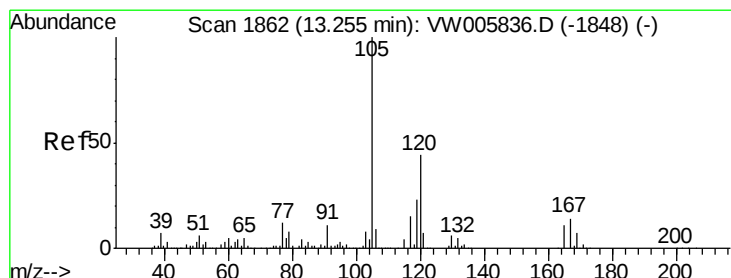
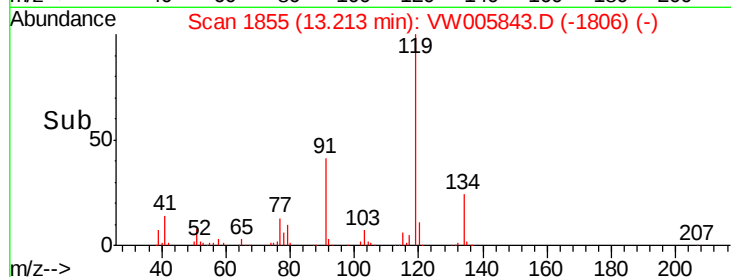
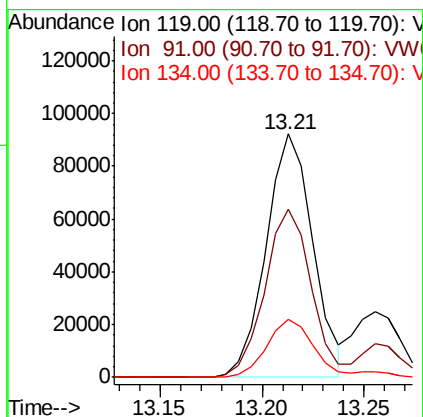
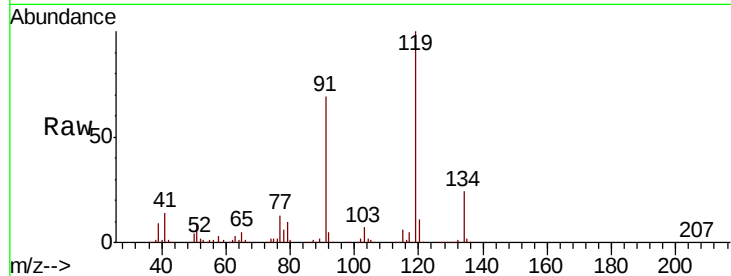
#83
tert-Butylbenzene
Concen: 20.455 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW005843.D
Acq: 04 Oct 2018 08:21

Instrument :
MSVOA_W
ClientSampleId :
VW1004SBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	67.9	33.4	100.2
134	23.7	12.8	38.3

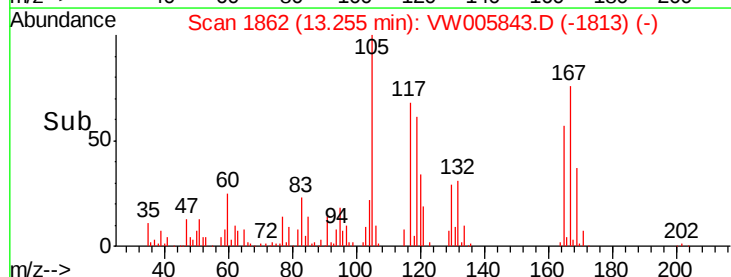
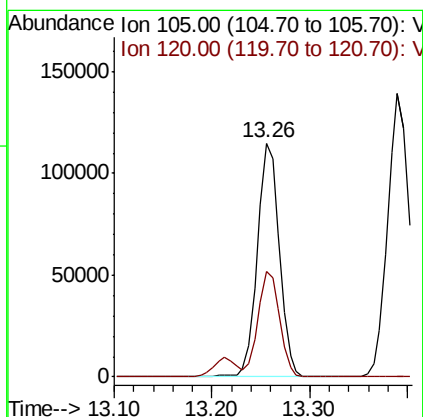
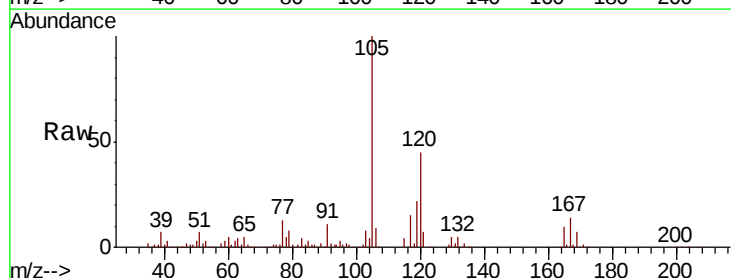
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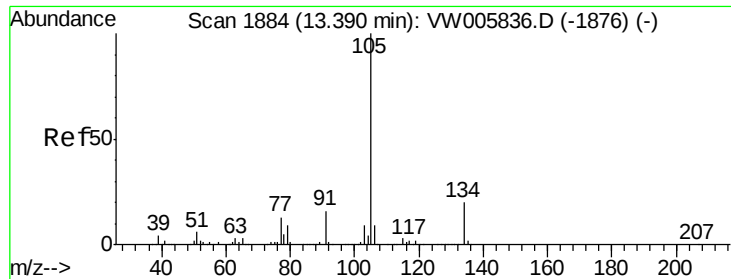
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#84
1,2,4-Trimethylbenzene
Concen: 20.168 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW005843.D
Acq: 04 Oct 2018 08:21

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.3	21.9	65.7





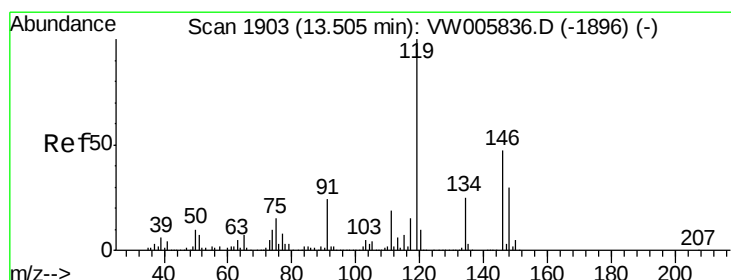
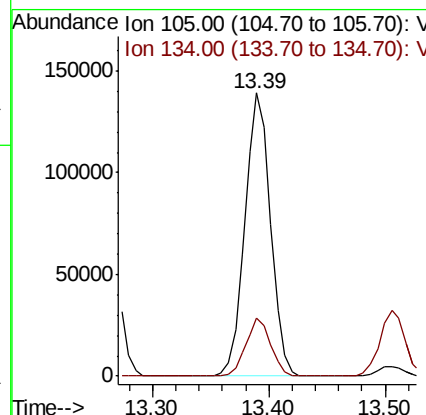
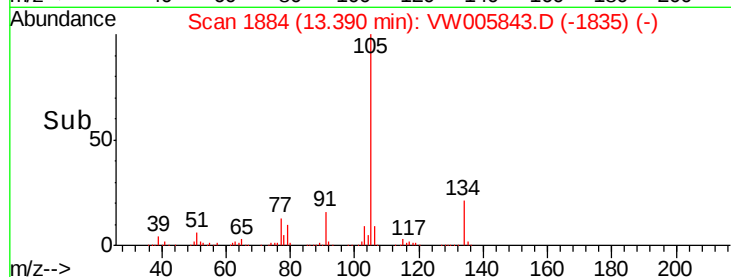
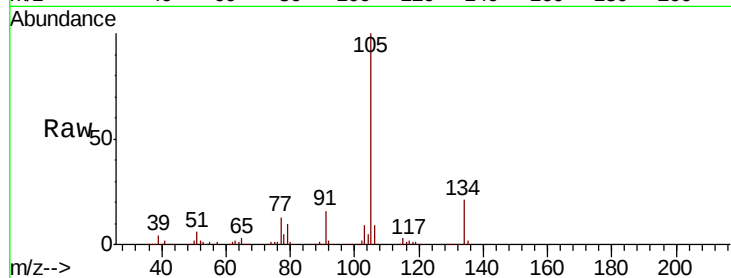
#85
 sec-Butylbenzene
 Concen: 20.477 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW005843.D
 Acq: 04 Oct 2018 08:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1004SBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.9	10.0	30.0

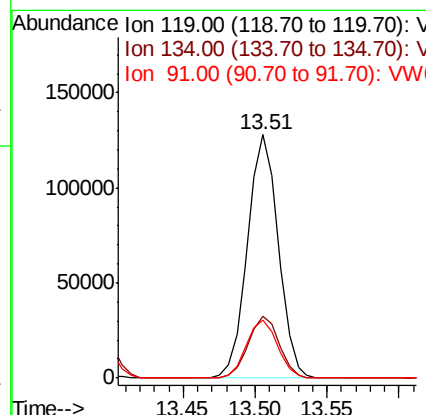
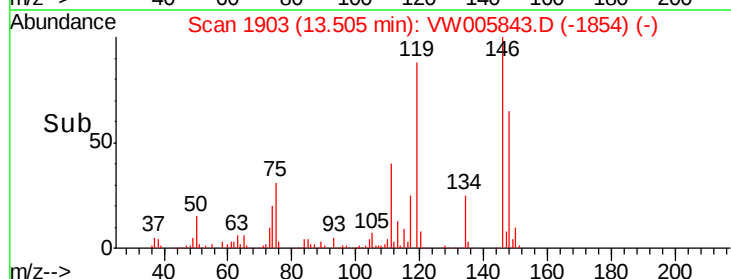
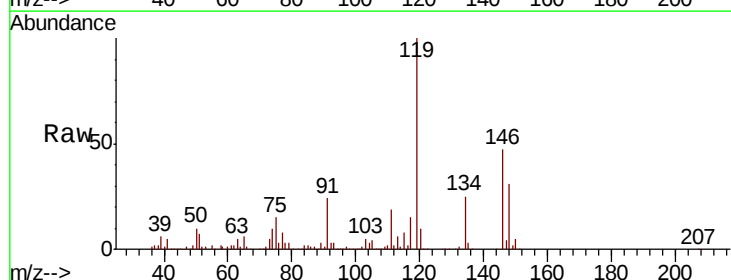
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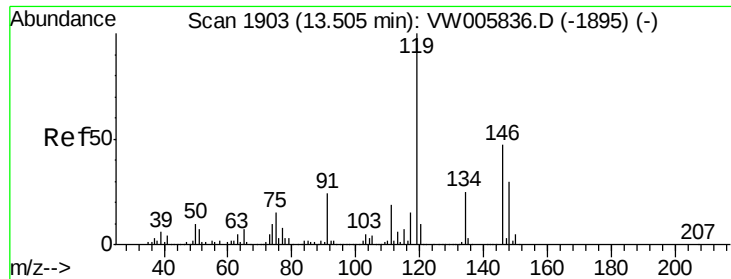
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#86
 p-Isopropyltoluene
 Concen: 20.152 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005843.D
 Acq: 04 Oct 2018 08:21

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.7	12.7	38.0
91	24.4	11.9	35.9





#87

1,3-Dichlorobenzene

Concen: 19.756 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005843.D

Acq: 04 Oct 2018 08:21

Instrument :

MSVOA_W

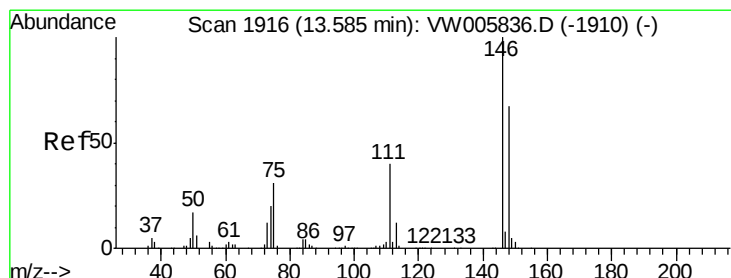
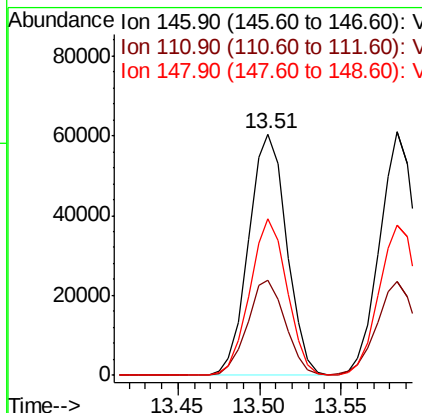
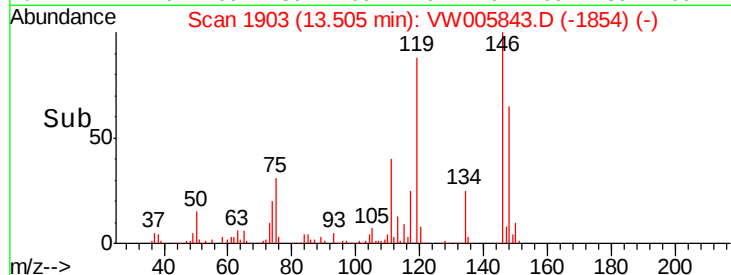
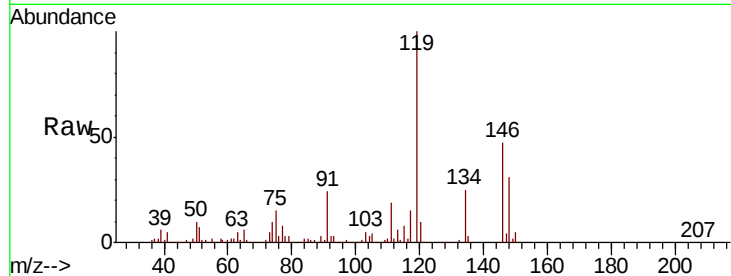
ClientSampleId :

VW1004SBSD01

Tot Ion:	146	Resp:	98063
Ion Ratio	Lower	Upper	
146	100		
111	39.6	19.9	59.7
148	63.4	32.0	96.2

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 19.345 ug/l

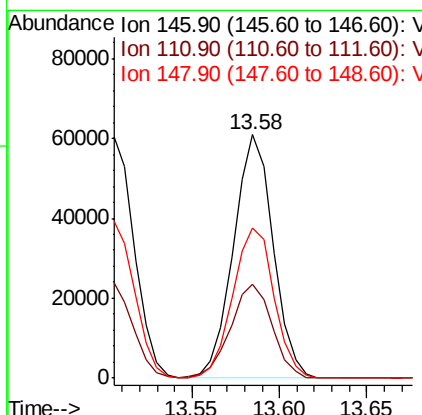
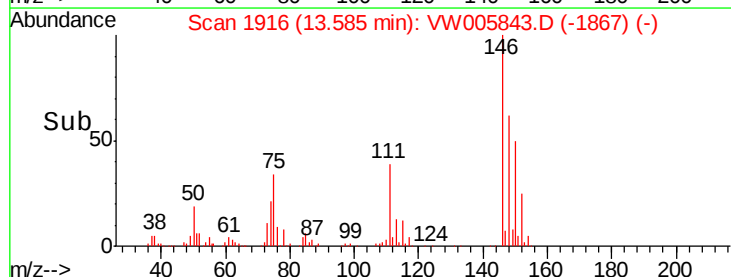
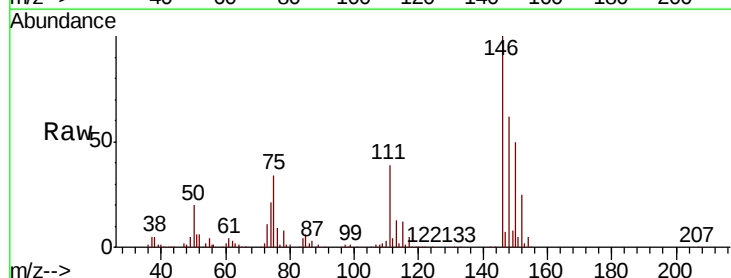
RT: 13.58 min Scan# 1916

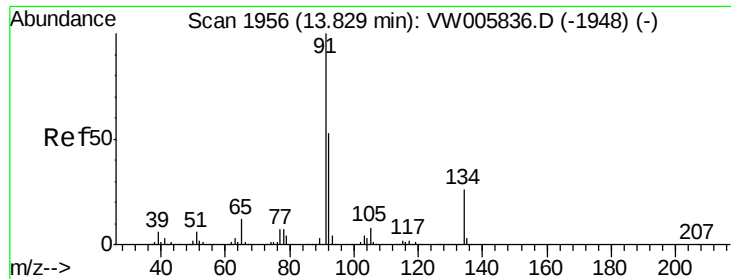
Delta R.T. -0.00 min

Lab File: VW005843.D

Acq: 04 Oct 2018 08:21

Tgt Ion:	146	Resp:	95803
Ion Ratio	Lower	Upper	
146	100		
111	40.9	19.7	59.1
148	64.4	32.1	96.5





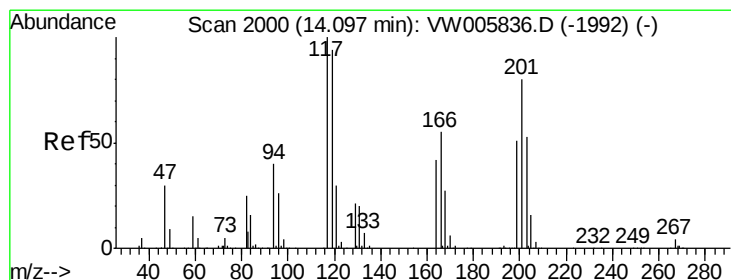
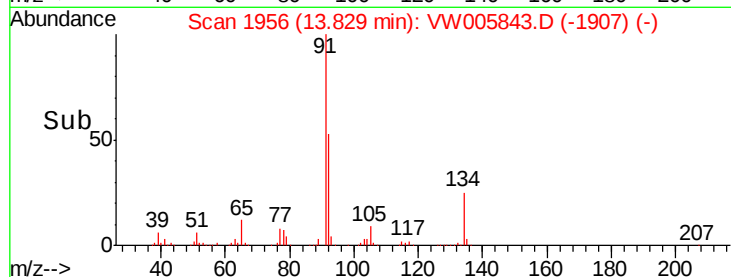
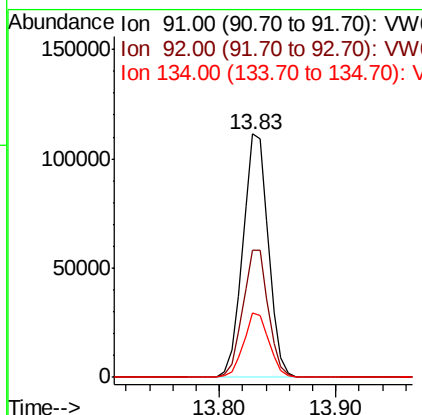
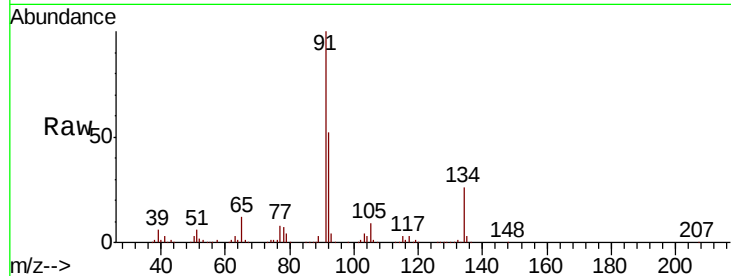
#89
n-Butylbenzene
Concen: 19.738 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW005843.D
Acq: 04 Oct 2018 08:21

Instrument :
MSVOA_W
ClientSampleId :
VW1004SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	169999		
92	52.2		26.2	78.5
134	26.3		13.1	39.1

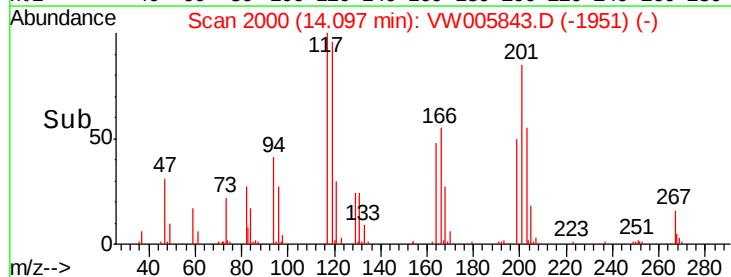
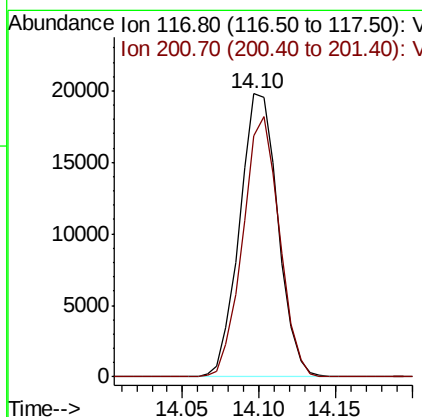
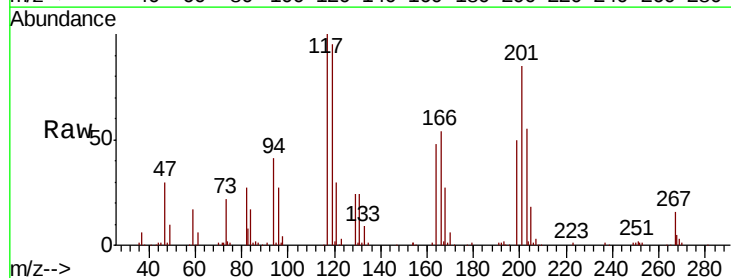
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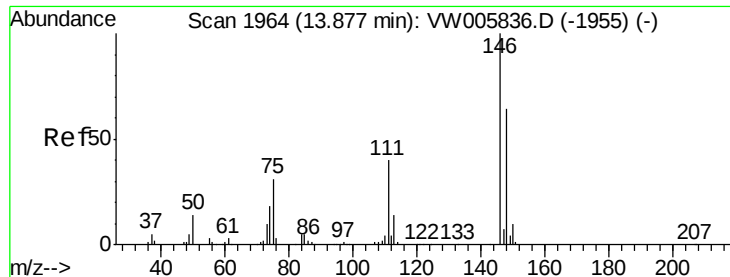
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#90
Hexachloroethane
Concen: 19.591 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW005843.D
Acq: 04 Oct 2018 08:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	34448		
201	87.6		43.7	131.1





#91

1,2-Dichlorobenzene

Concen: 19.829 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. -0.00 min

Lab File: VW005843.D

Acq: 04 Oct 2018 08:21

Instrument :

MSVOA_W

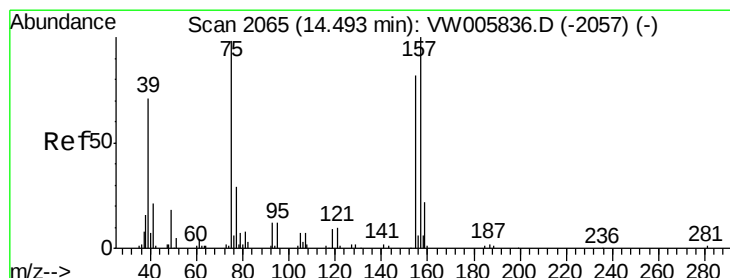
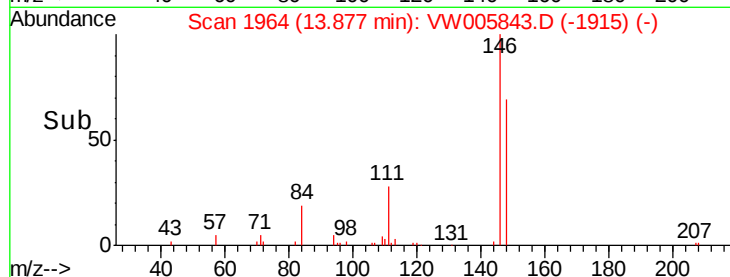
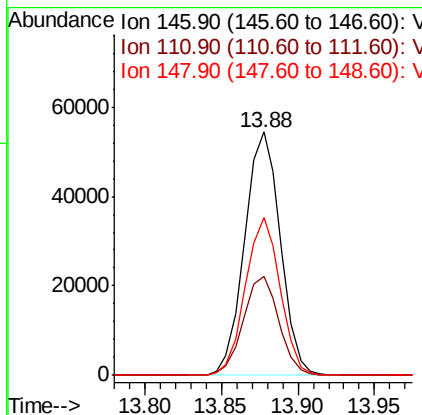
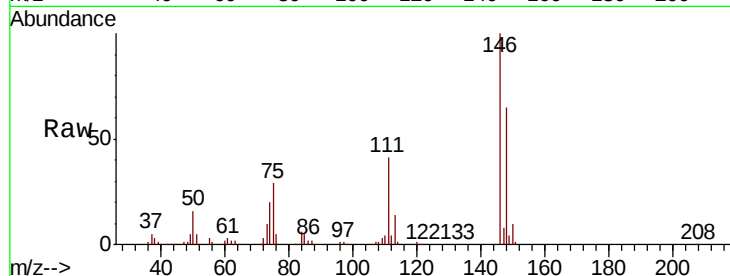
ClientSampleId :

VW1004SBSD01

Tot Ion:	146	Resp:	88489
Ion Ratio	Lower	Upper	
146	100		
111	40.4	20.4	61.3
148	62.8	32.1	96.3

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#92

1,2-Dibromo-3-Chloropropane

Concen: 19.917 ug/l

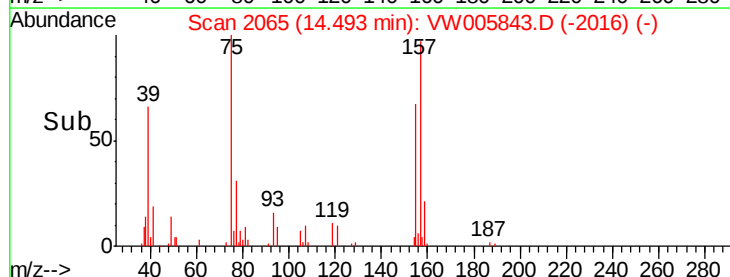
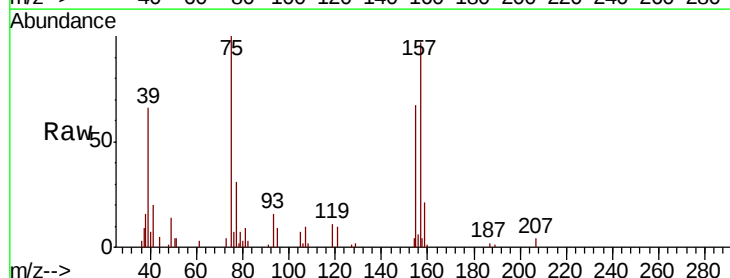
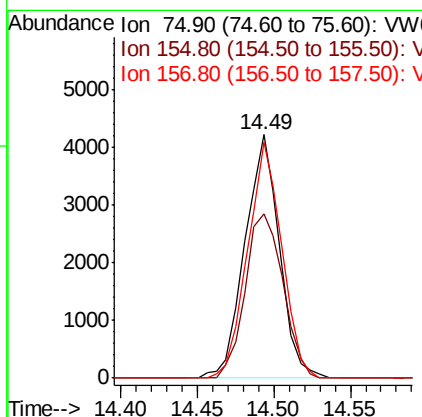
RT: 14.49 min Scan# 2065

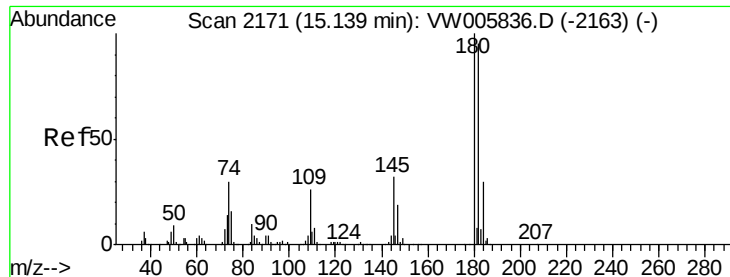
Delta R.T. -0.00 min

Lab File: VW005843.D

Acq: 04 Oct 2018 08:21

Tgt Ion:	75	Resp:	6584
Ion Ratio	Lower	Upper	
75	100		
155	74.1	41.3	123.9
157	96.1	51.9	155.7





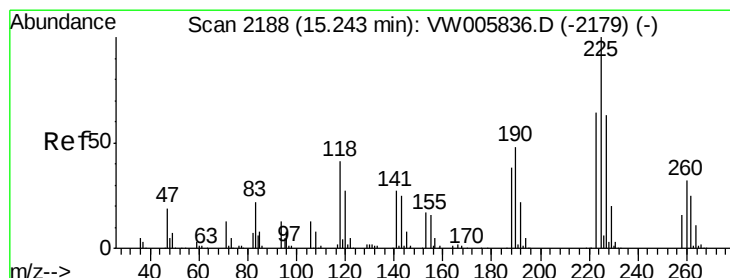
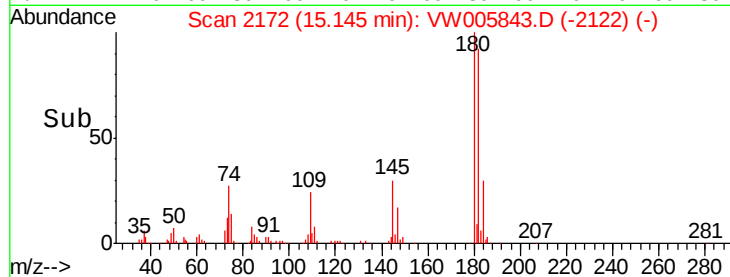
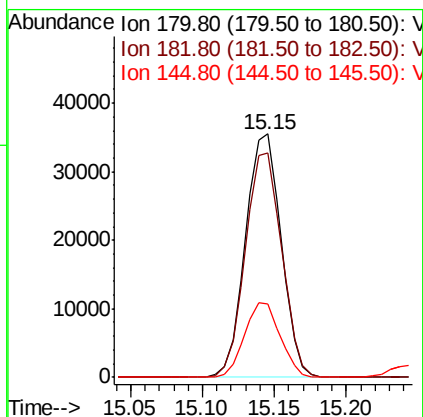
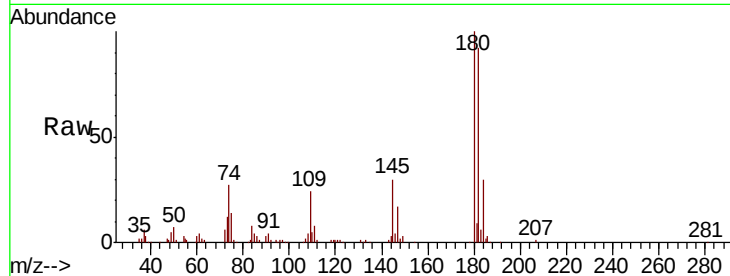
#93
 1,2,4-Trichlorobenzene
 Concen: 19.491 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. 0.01 min
 Lab File: VW005843.D
 Acq: 04 Oct 2018 08:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1004SBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.6	142.8
145	30.5	15.0	45.0

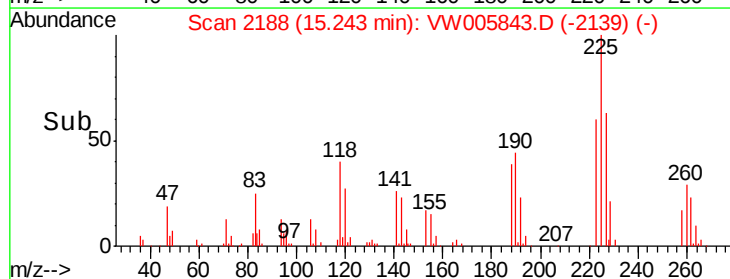
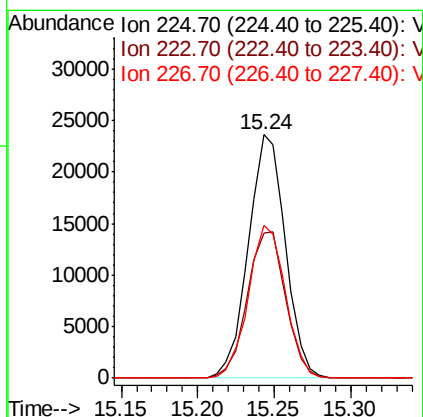
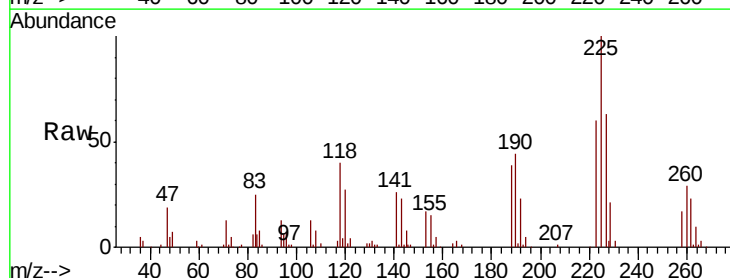
Manual Integrations
 APPROVED

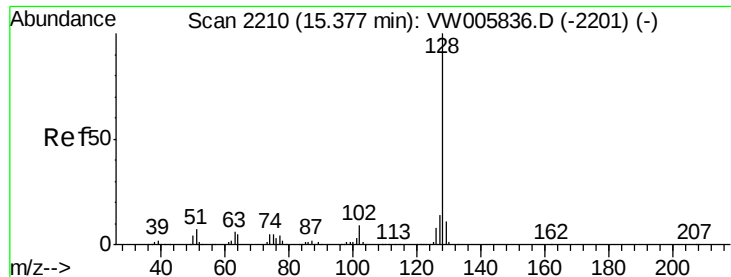
apatel
 10/4/2018 2:48:14 PM



#94
 Hexachlorobutadiene
 Concen: 20.151 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW005843.D
 Acq: 04 Oct 2018 08:21

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	31.2	93.6
227	62.9	31.7	95.1





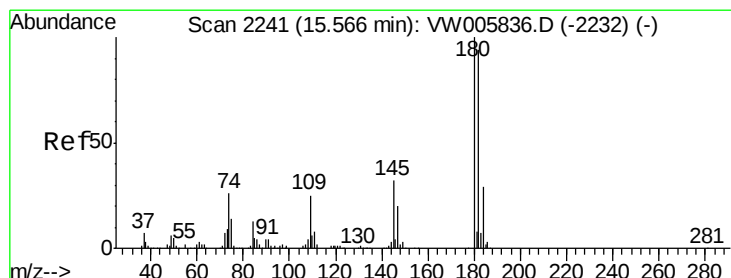
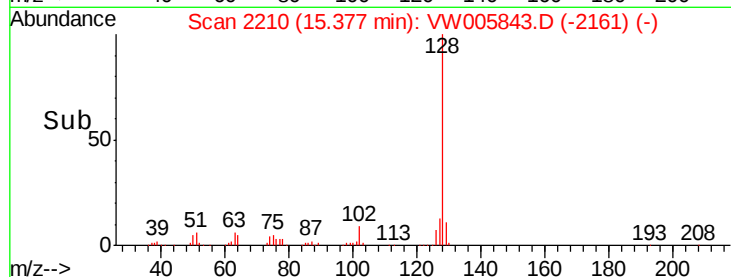
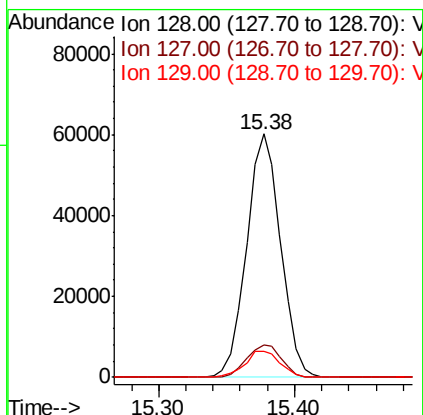
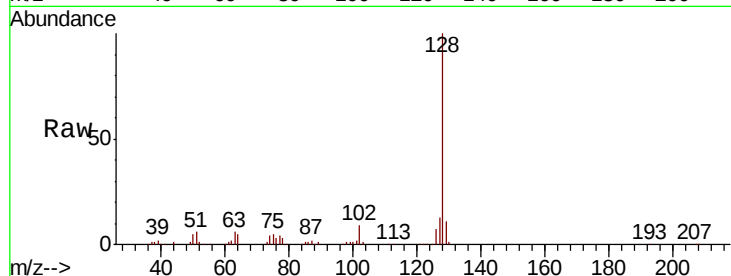
#95
Naphthalene
Concen: 19.132 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW005843.D
Acq: 04 Oct 2018 08:21

Instrument :
MSVOA_W
ClientSampleId :
VW1004SBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.9	16.3
129	11.1	8.9	13.3

Manual Integrations
APPROVED

apatel
10/4/2018 2:48:14 PM



#96
1,2,3-Trichlorobenzene
Concen: 19.883 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005843.D
Acq: 04 Oct 2018 08:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.3	142.0
145	32.4	16.1	48.2

