

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV101518\
 Data File : VW006065.D
 Acq On : 15 Oct 2018 18:20
 Operator : VA/AP
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
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apatel
 10/16/2018 10:33:57 AM

Quant Time: Oct 16 05:13:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 16 04:19:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	287137	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	411649	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	379301	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	214298	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	117161	42.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.94%	
35) Dibromofluoromethane	7.89	113	120810	46.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.08%	
50) Toluene-d8	10.33	98	457179	45.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.86%	
62) 4-Bromofluorobenzene	12.62	95	173812	45.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	73742	52.002	ug/l	100
3) Chloromethane	2.22	50	86873	51.431	ug/l	100
4) Vinyl Chloride	2.37	62	129949	49.601	ug/l	100
5) Bromomethane	2.79	94	113077	53.839	ug/l	100
6) Chloroethane	2.93	64	92673	54.460	ug/l	100
7) Trichlorofluoromethane	3.26	101	123083	57.629	ug/l	100
8) Diethyl Ether	3.68	74	67106	51.616	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	122473	46.866	ug/l	100
10) Methyl Iodide	4.27	142	206817	48.210	ug/l	100
11) Tert butyl alcohol	5.23	59	36167	183.475	ug/l	100
12) 1,1-Dichloroethene	4.04	96	114417	45.830	ug/l	100
13) Acrolein	3.90	56	35576	198.621	ug/l	100
14) Allyl chloride	4.67	41	164916	39.481	ug/l	100
15) Acrylonitrile	5.38	53	110769	203.888	ug/l	100
16) Acetone	4.15	43	101257	189.701	ug/l	100
17) Carbon Disulfide	4.38	76	354747	47.016	ug/l	100
18) Methyl Acetate	4.68	43	57838	42.296	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	175802	45.315	ug/l	100
20) Methylene Chloride	4.92	84	121329	43.802	ug/l	100
21) trans-1,2-Dichloroethene	5.42	96	129583	47.482	ug/l	100
22) Diisopropyl ether	6.32	45	328356	41.805	ug/l	100
23) Vinyl Acetate	6.26	43	957915	199.692	ug/l	100
24) 1,1-Dichloroethane	6.22	63	213089	43.985	ug/l	100
25) 2-Butanone	7.18	43	147868	193.636	ug/l	100
26) 2,2-Dichloropropane	7.17	77	142901	42.171	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	142863	46.379	ug/l	100
28) Bromochloromethane	7.52	49	87563	47.747	ug/l	100
29) Tetrahydrofuran	7.54	42	92904	192.314	ug/l	100
30) Chloroform	7.68	83	228970	45.710	ug/l	100
31) Cyclohexane	7.96	56	197477	41.310	ug/l	100
32) 1,1,1-Trichloroethane	7.88	97	207355	46.405	ug/l	100
36) 1,1-Dichloropropene	8.09	75	181993	46.739	ug/l	100
37) Ethyl Acetate	7.26	43	64583	39.901	ug/l	100
38) Carbon Tetrachloride	8.07	117	201228	47.944	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	241571	47.103	ug/l	100
40) Benzene	8.33	78	498088	46.717	ug/l	100
41) Methacrylonitrile	7.49	41	41421	40.572	ug/l	100
42) 1,2-Dichloroethane	8.40	62	147525	45.816	ug/l	100
43) Isopropyl Acetate	8.43	43	136202	40.406	ug/l	100
44) Trichloroethene	9.10	130	153415	49.291	ug/l	100
45) 1,2-Dichloropropane	9.37	63	119474	44.974	ug/l	100
46) Dibromomethane	9.46	93	68330	46.513	ug/l	100
47) Bromodichloromethane	9.65	83	167318	45.426	ug/l	100
48) Methyl methacrylate	9.44	41	66447	41.269	ug/l	100
49) 1,4-Dioxane	9.48	88	21768	970.464	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	342287	207.553	ug/l	100
52) Toluene	10.39	92	334325	47.547	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	167903	43.990	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	191853	44.540	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	95224	46.668	ug/l	100
56) Ethyl methacrylate	10.65	69	117099	43.192	ug/l	100
57) 1,3-Dichloropropane	10.94	76	158237	46.260	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	215983	197.475	ug/l	100
59) 2-Hexanone	10.98	43	241080	204.984	ug/l	100
60) Dibromochloromethane	11.13	129	122127	46.566	ug/l	100
61) 1,2-Dibromoethane	11.24	107	96603	47.339	ug/l	100
64) Tetrachloroethene	10.87	164	139918	49.618	ug/l	100
65) Chlorobenzene	11.66	112	385403	47.893	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	140968	47.780	ug/l	100
67) Ethyl Benzene	11.74	91	674149	47.595	ug/l	100
68) m/p-Xylenes	11.85	106	535581	96.473	ug/l	100
69) o-Xylene	12.17	106	255865	48.098	ug/l	100
70) Styrene	12.19	104	420043	47.685	ug/l	100
71) Bromoform	12.35	173	80040	45.857	ug/l #	100
73) Isopropylbenzene	12.47	105	721745	46.717	ug/l	100
74) N-amyl acetate	12.28	43	140233	39.188	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	111353	44.249	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	75211m	40.728	ug/l	
77) Bromobenzene	12.75	156	177927	48.332	ug/l	100
78) n-propylbenzene	12.81	91	846607	46.624	ug/l	100
79) 2-Chlorotoluene	12.90	91	478918	46.665	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	616943	47.235	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	33428	38.435	ug/l	100
82) 4-Chlorotoluene	12.99	91	497970	46.305	ug/l	100
83) tert-Butylbenzene	13.21	119	547709	47.205	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	622506	47.298	ug/l	100
85) sec-Butylbenzene	13.39	105	779183	47.803	ug/l	100
86) p-Isopropyltoluene	13.51	119	710953	48.430	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	353004	48.327	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	350420	48.282	ug/l	100
89) n-Butylbenzene	13.83	91	642349	46.717	ug/l	100
90) Hexachloroethane	14.10	117	123967	45.392	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	314672	48.433	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19858	42.657	ug/l	100

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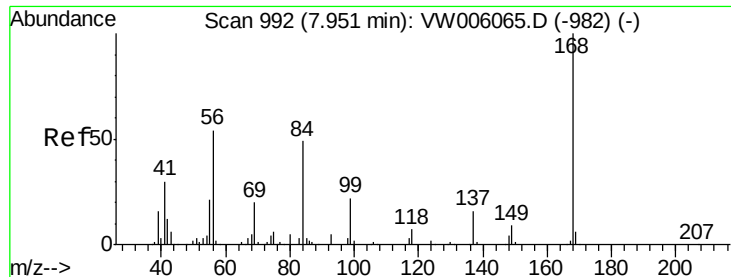
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	236071	47.194	ug/l	100
94) Hexachlorobutadiene	15.24	225	150327	48.121	ug/l	100
95) Naphthalene	15.38	128	397000	46.186	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	205310	47.384	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: VW006065.D

Acq: 15 Oct 2018 18:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion:168 Resp: 287137

Ion Ratio Lower Upper

168 100

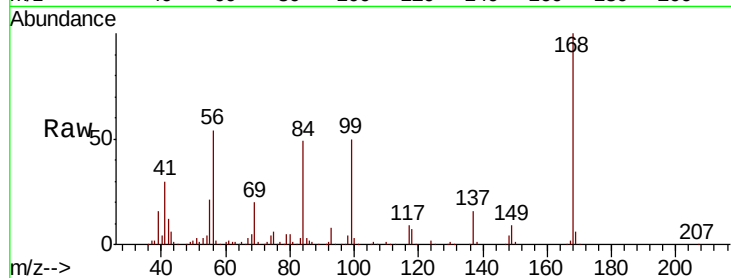
99 49.9 39.9 59.9

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

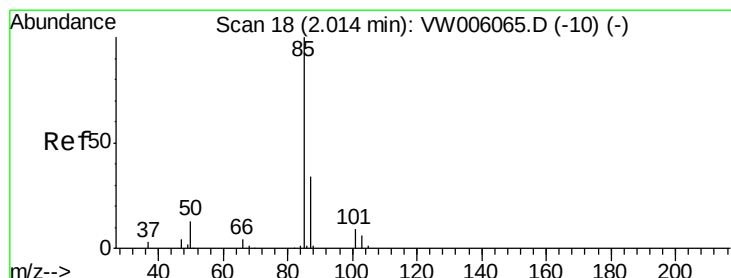
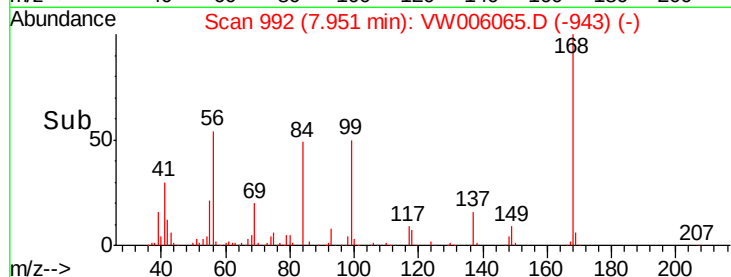
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50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 52.002 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW006065.D

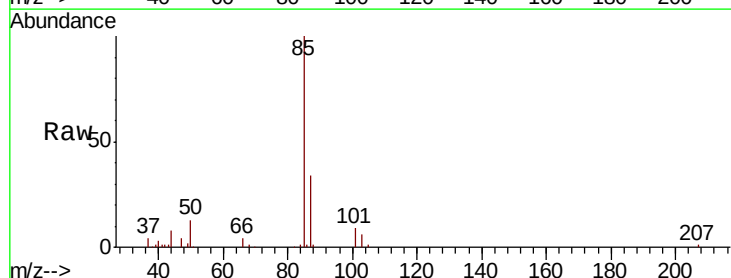
Acq: 15 Oct 2018 18:20

Tgt Ion: 85 Resp: 73742

Ion Ratio Lower Upper

85 100

87 33.7 16.9 50.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

20000

15000

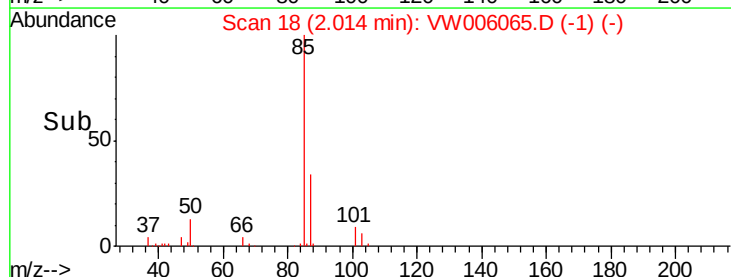
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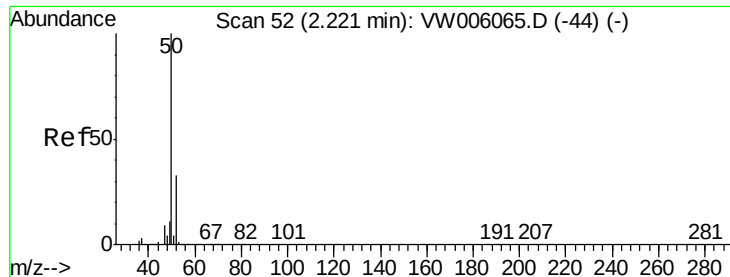
5000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 51.431 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.00 min

Lab File: VW006065.D

Acq: 15 Oct 2018 18:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 86873

Ion Ratio Lower Upper

50 100

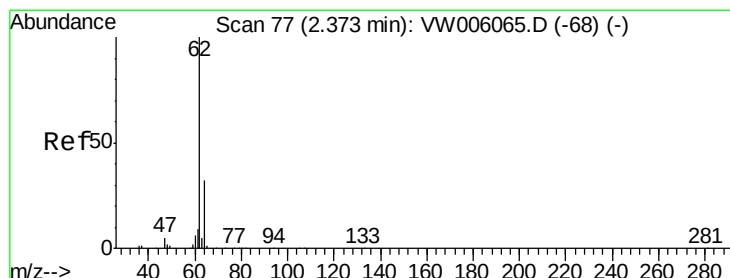
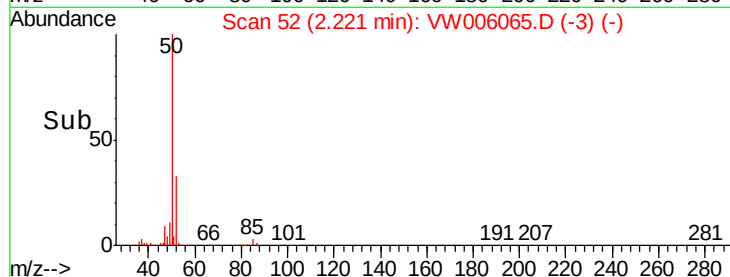
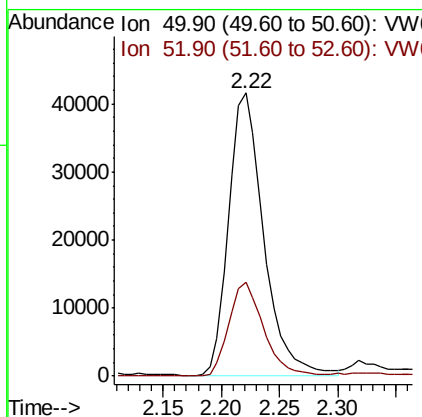
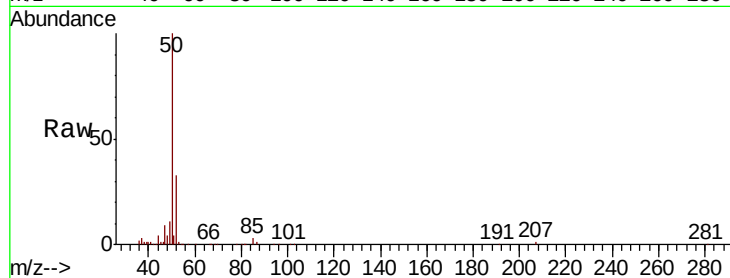
52 33.5 26.8 40.2

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#4

Vinyl Chloride

Concen: 49.601 ug/l

RT: 2.37 min Scan# 77

Delta R.T. 0.00 min

Lab File: VW006065.D

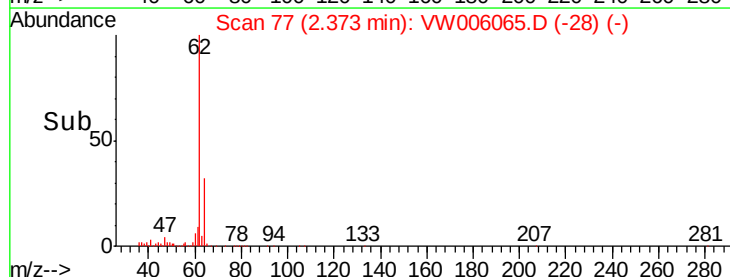
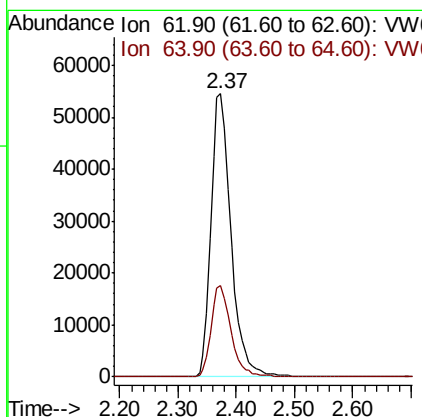
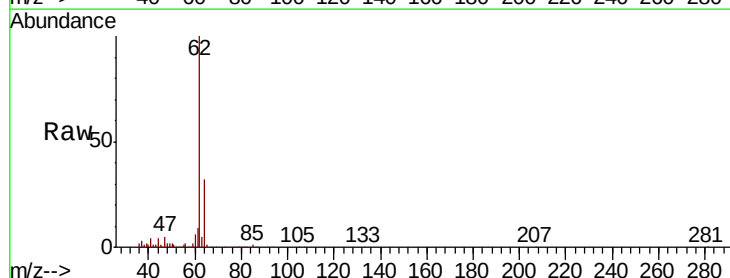
Acq: 15 Oct 2018 18:20

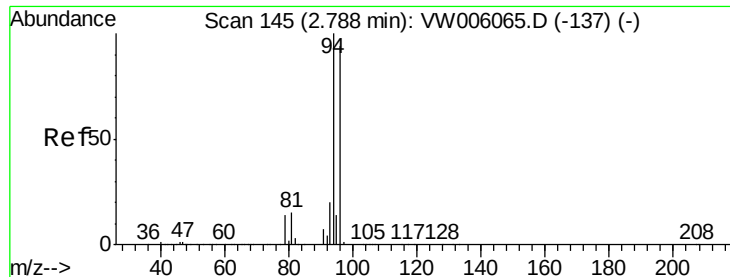
Tgt Ion: 62 Resp: 129949

Ion Ratio Lower Upper

62 100

64 32.4 25.9 38.9





#5

Bromomethane

Concen: 53.839 ug/l

RT: 2.79 min Scan# 145

Delta R.T. 0.00 min

Lab File: VW006065.D

Acq: 15 Oct 2018 18:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 113077

Ion Ratio Lower Upper

94 100

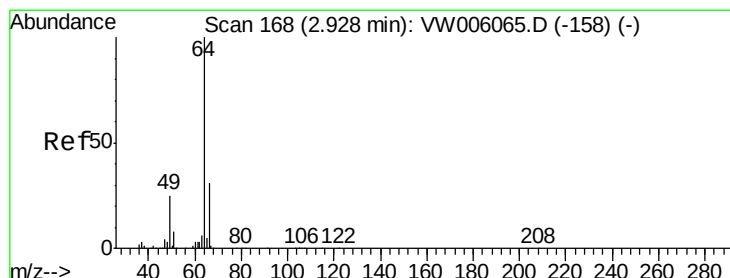
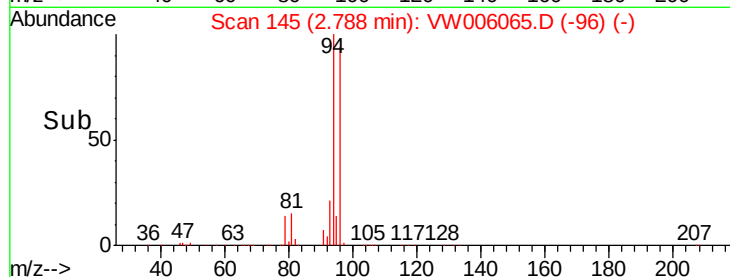
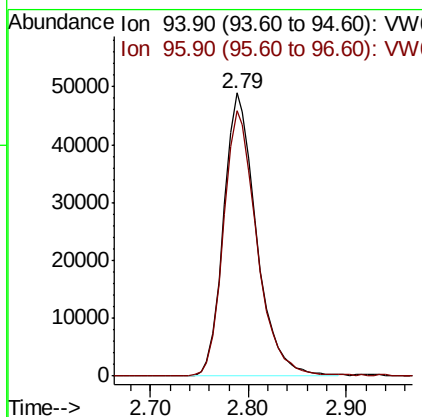
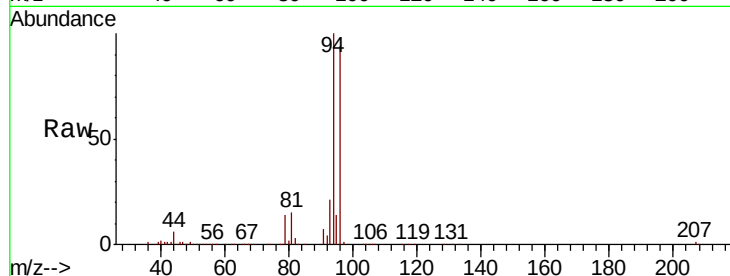
96 93.6 74.9 112.3

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#6

Chloroethane

Concen: 54.460 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW006065.D

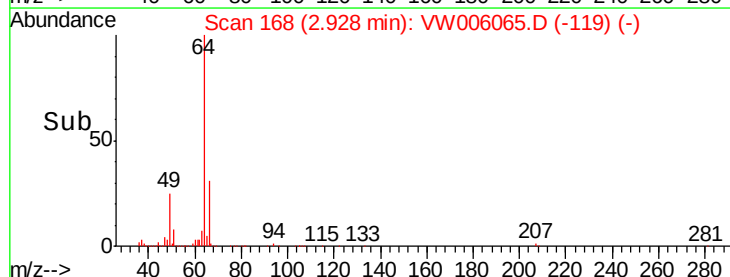
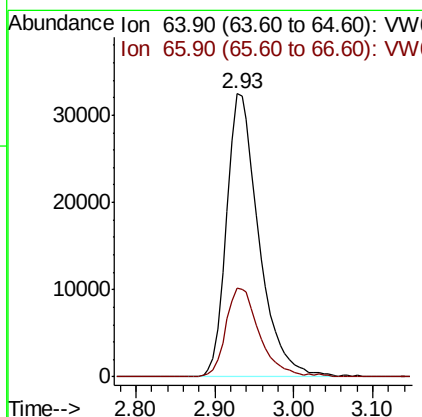
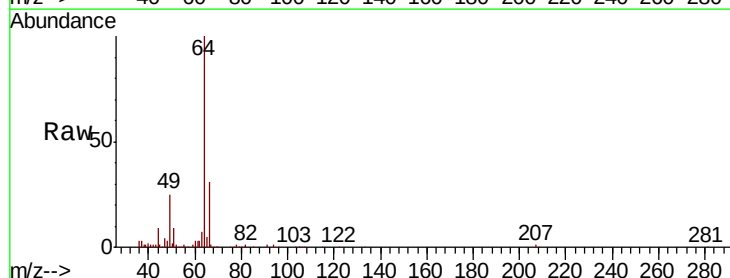
Acq: 15 Oct 2018 18:20

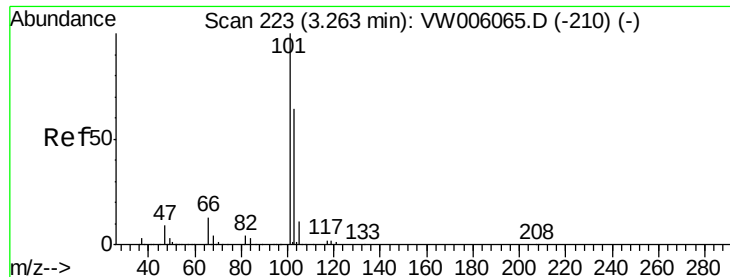
Tgt Ion: 64 Resp: 92673

Ion Ratio Lower Upper

64 100

66 31.1 24.9 37.3





#7

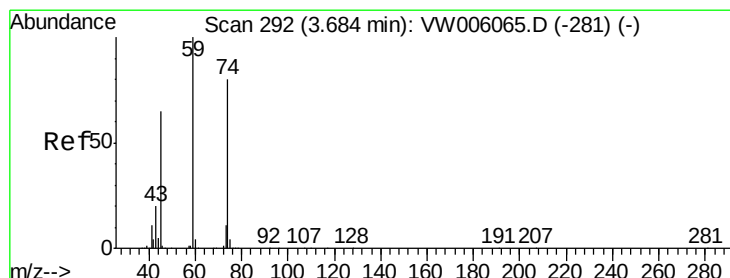
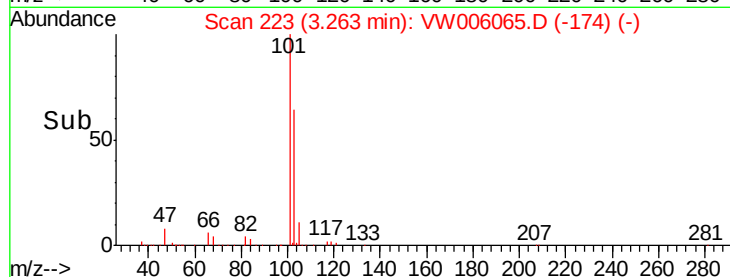
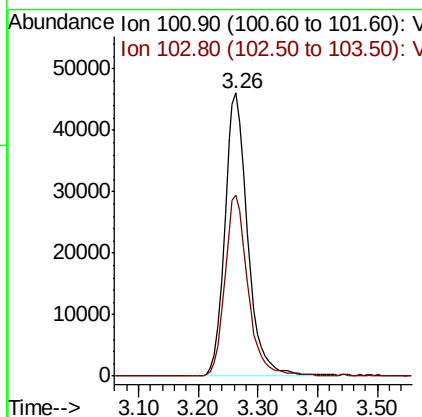
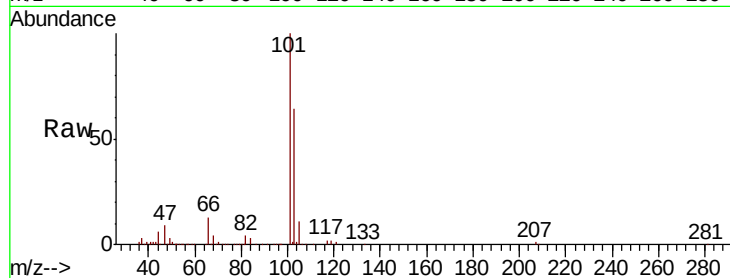
Trichlorofluoromethane
 Concen: 57.629 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VW006065.D
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 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.0	51.2	76.8

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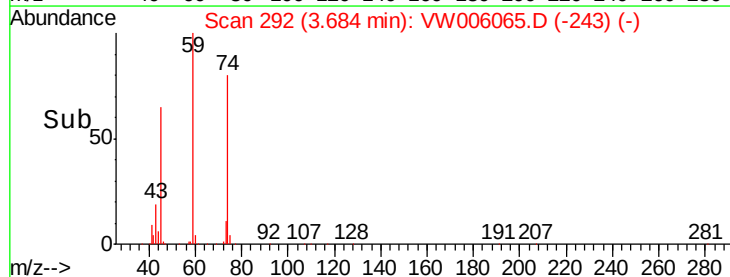
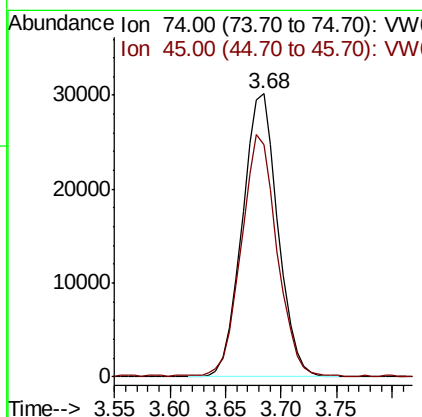
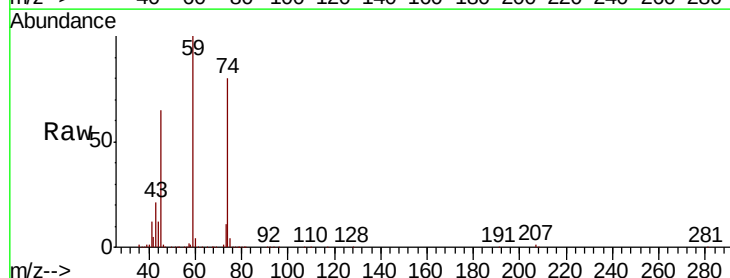
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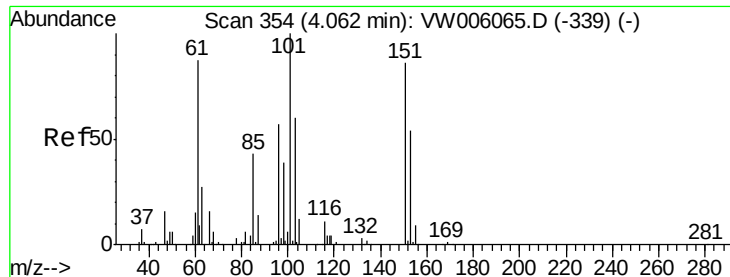


#8

Diethyl Ether
 Concen: 51.616 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.00 min
 Lab File: VW006065.D
 Acq: 15 Oct 2018 18:20

Tgt Ion	Ratio	Lower	Upper
74	100		
45	85.5	42.8	128.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.866 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW006065.D

Acq: 15 Oct 2018 18:20

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MSVOA_W

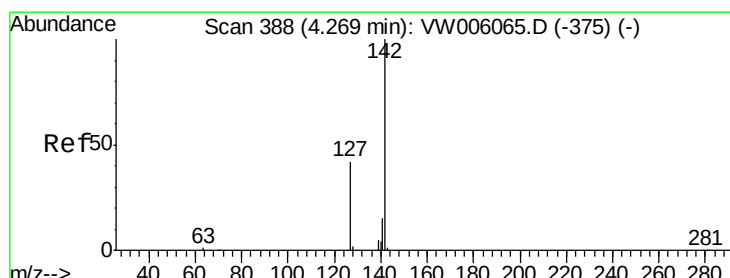
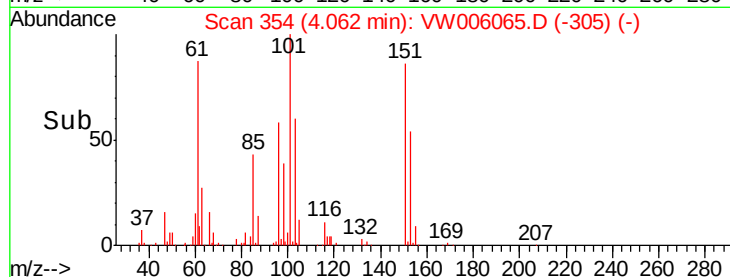
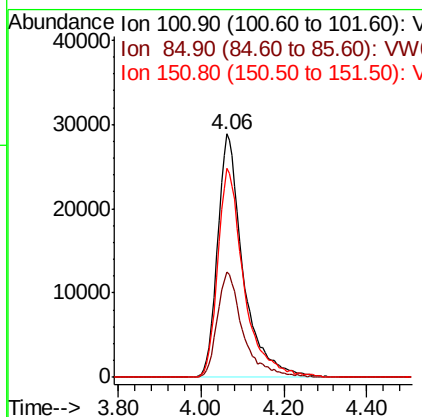
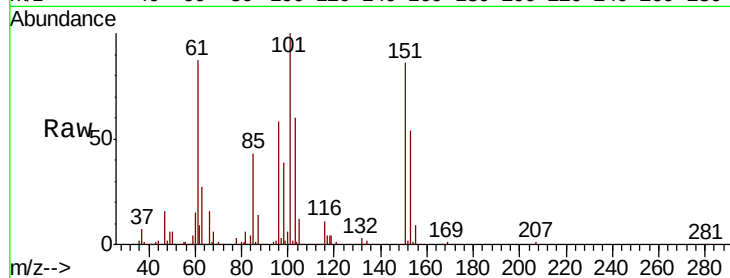
ClientSampleId :

VSTDICCC050

Tot Ion:	101	Resp:	122473
Ion Ratio	Lower	Upper	
101	100		
85	43.6	34.9	52.3
151	88.0	70.4	105.6

Manual Integrations
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#10

Methyl Iodide

Concen: 48.210 ug/l

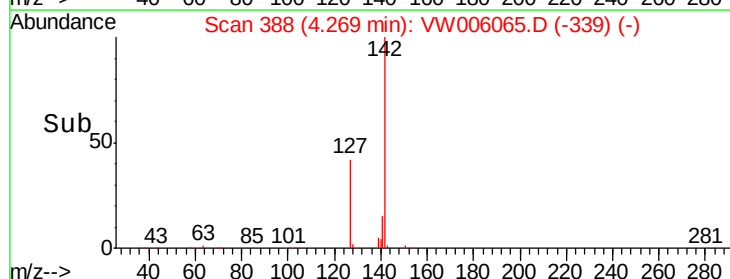
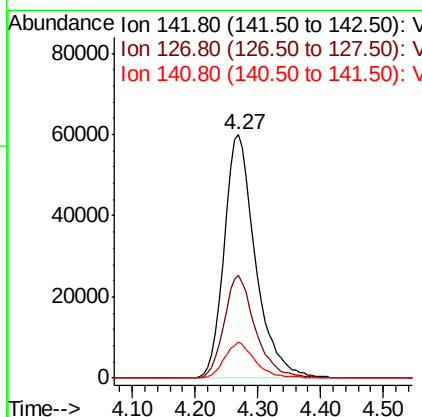
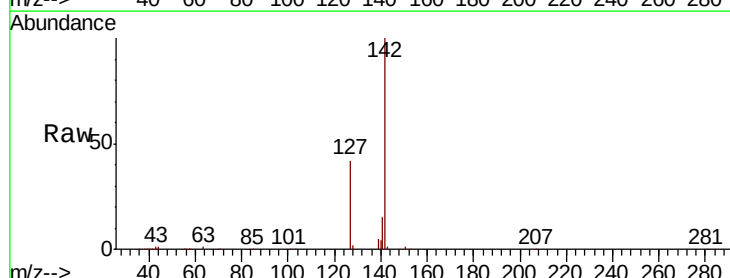
RT: 4.27 min Scan# 388

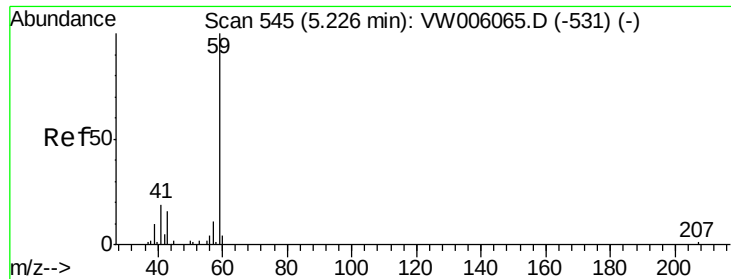
Delta R.T. 0.00 min

Lab File: VW006065.D

Acq: 15 Oct 2018 18:20

Tgt Ion:	142	Resp:	206817
Ion Ratio	Lower	Upper	
142	100		
127	42.0	33.6	50.4
141	14.5	11.6	17.4





#11

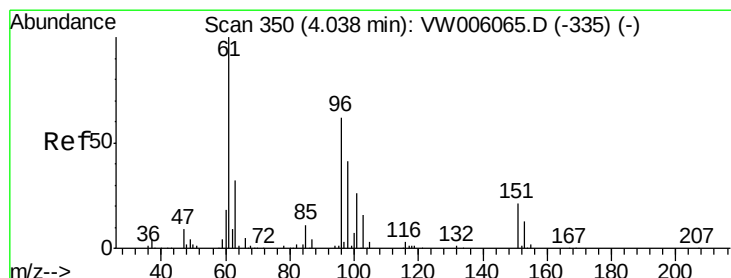
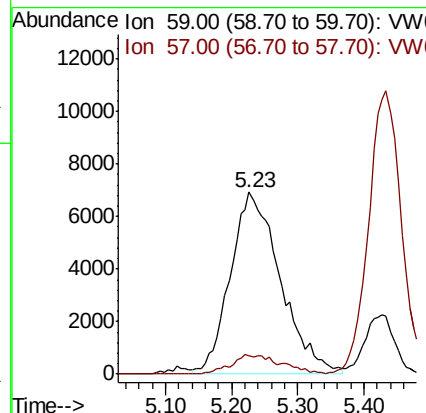
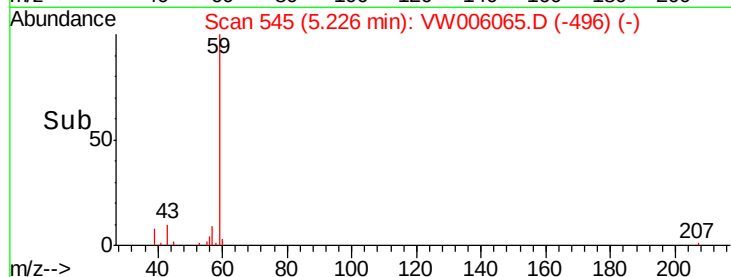
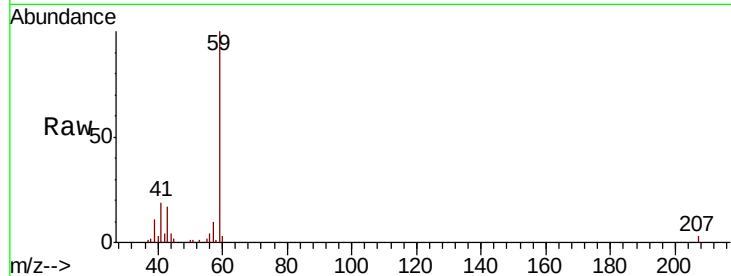
Tert butyl alcohol
Concen: 183.475 ug/l
RT: 5.23 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW006065.D
Acq: 15 Oct 2018 18:20

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	59	Resp	36167
Ion Ratio	100	Lower	Upper
57	10.8	8.7	13.1

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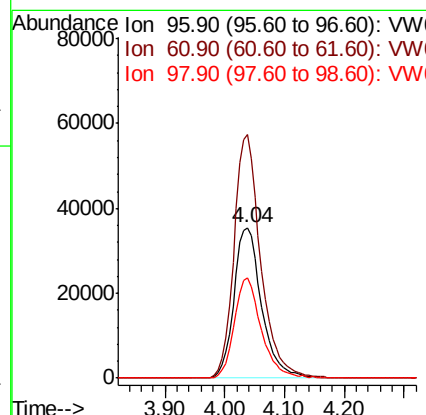
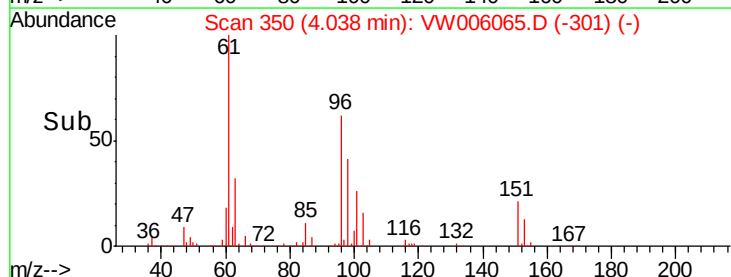
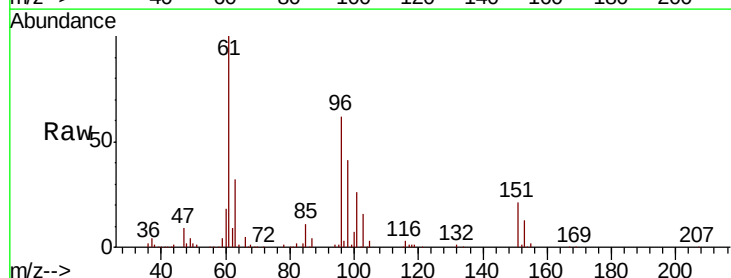
apatel
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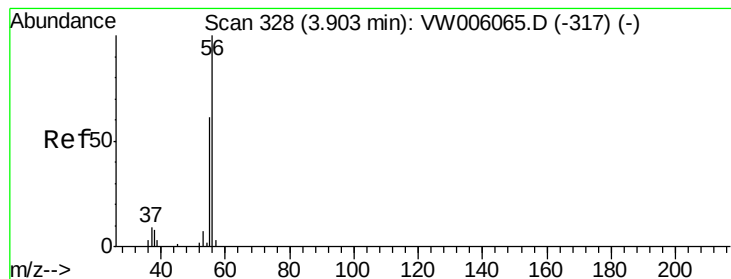


#12

1,1-Dichloroethene
Concen: 45.830 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.00 min
Lab File: VW006065.D
Acq: 15 Oct 2018 18:20

Tgt Ion	96	Resp	114417
Ion Ratio	100	Lower	Upper
61	161.6	129.3	193.9
98	66.4	53.1	79.7





#13

Acrolein

Concen: 198.621 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.00 min

Lab File: VW006065.D

Acq: 15 Oct 2018 18:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 56 Resp: 35576

Ion Ratio Lower Upper

56 100

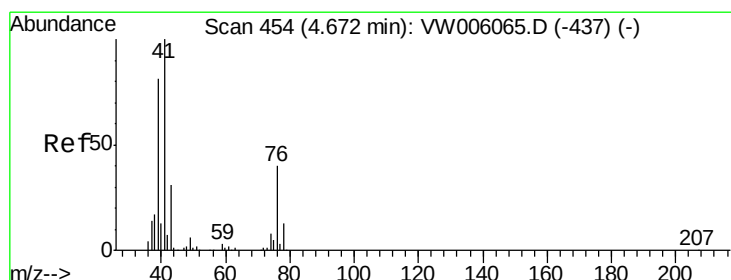
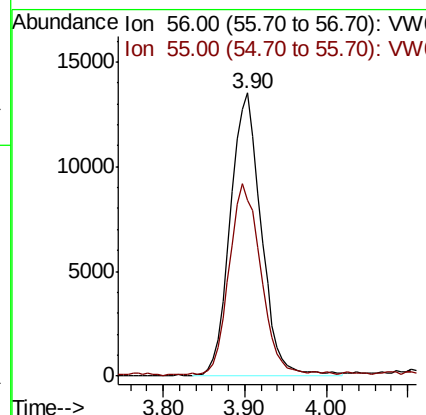
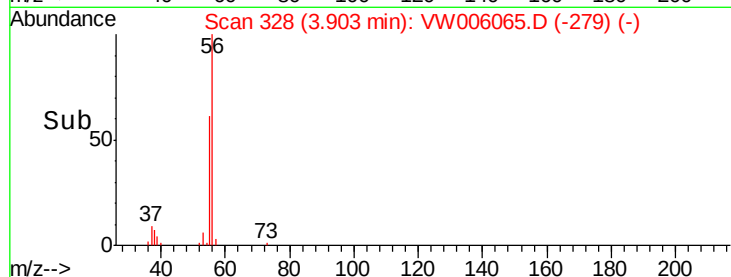
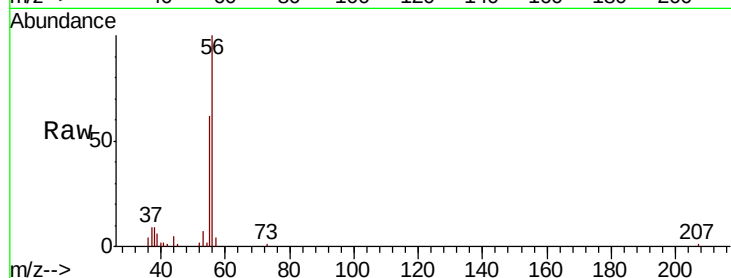
55 68.1 54.5 81.7

Manual Integrations

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#14

Allyl chloride

Concen: 39.481 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW006065.D

Acq: 15 Oct 2018 18:20

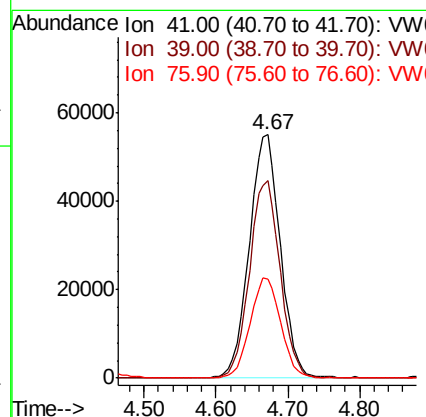
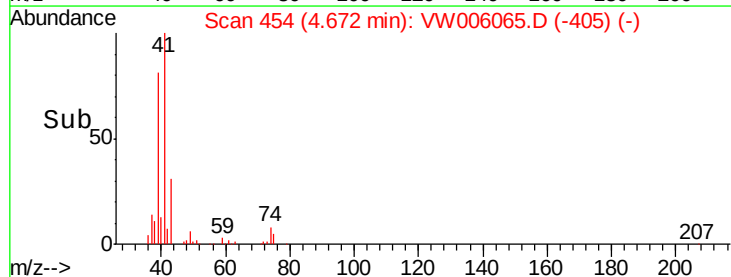
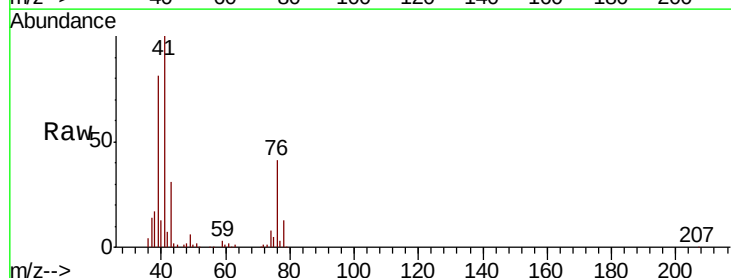
Tgt Ion: 41 Resp: 164916

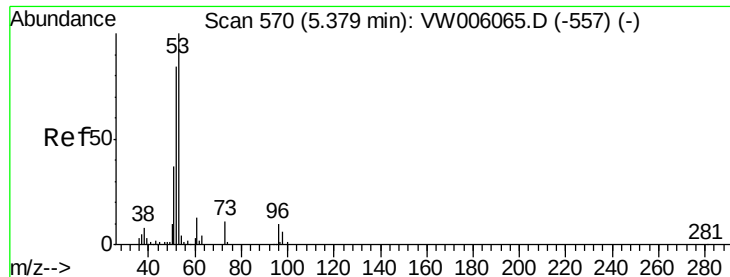
Ion Ratio Lower Upper

41 100

39 80.1 64.1 96.1

76 40.3 32.2 48.4





#15

Acrylonitrile

Concen: 203.888 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.00 min

Lab File: VW006065.D

Acq: 15 Oct 2018 18:20

Instrument :

MSVOA_W

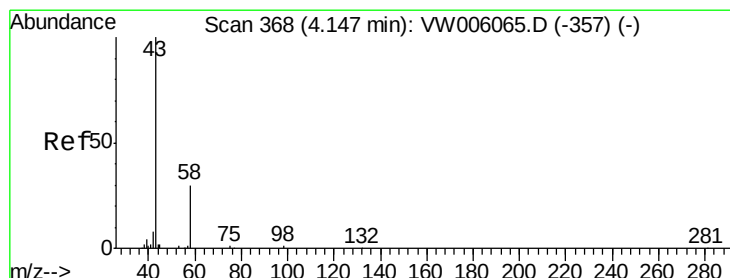
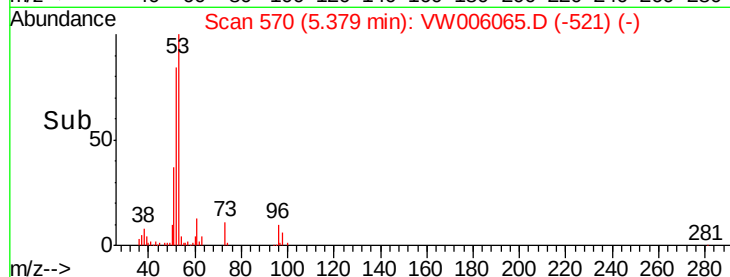
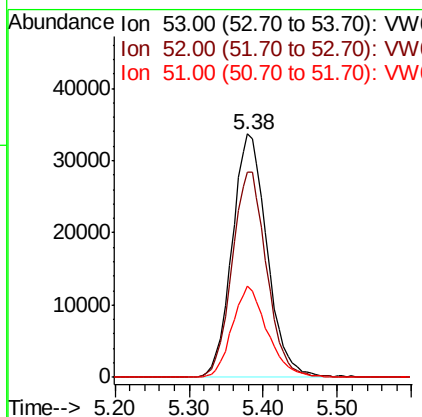
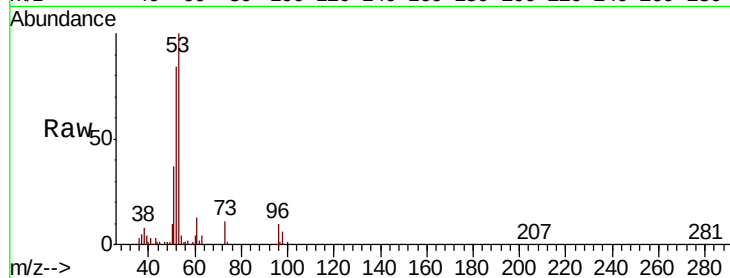
ClientSampleId :

VSTDICCC050

Tot Ion:	53	Resp:	110769
Ion	Ratio	Lower	Upper
53	100		
52	83.6	66.9	100.3
51	37.6	30.1	45.1

Manual Integrations
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#16

Acetone

Concen: 189.701 ug/l

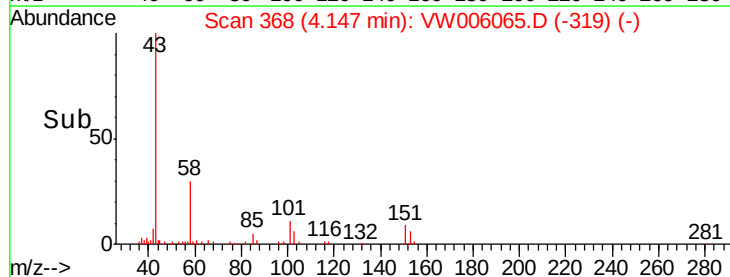
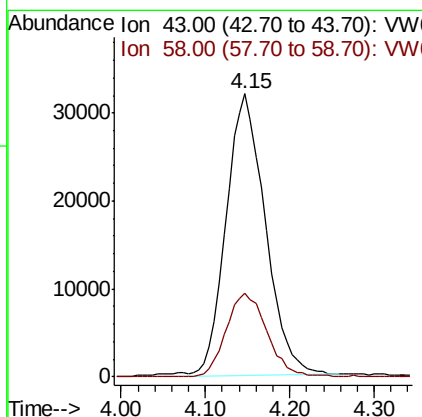
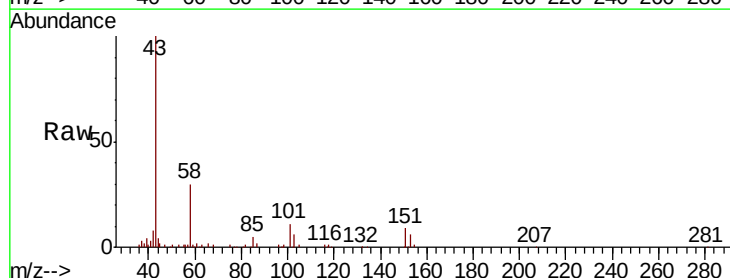
RT: 4.15 min Scan# 368

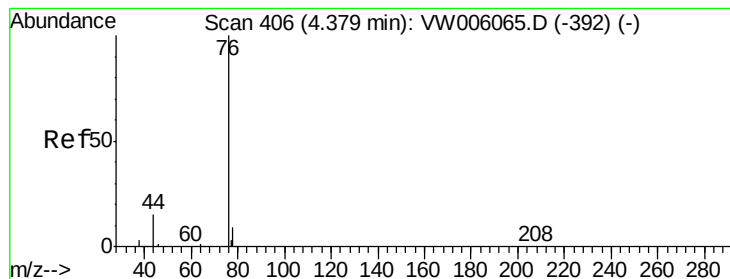
Delta R.T. 0.00 min

Lab File: VW006065.D

Acq: 15 Oct 2018 18:20

Tgt Ion:	43	Resp:	101257
Ion	Ratio	Lower	Upper
43	100		
58	30.0	24.0	36.0





#17

Carbon Disulfide

Concen: 47.016 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW006065.D

Acq: 15 Oct 2018 18:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 76 Resp: 354747

Ion Ratio Lower Upper

76 100

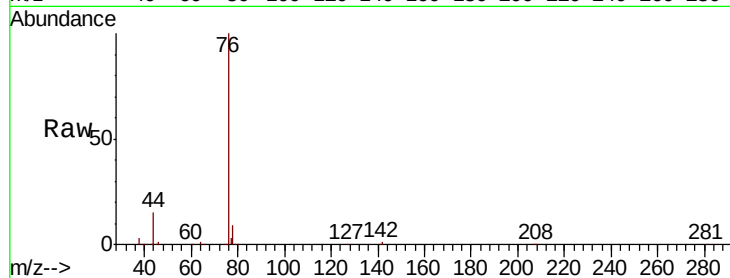
78 9.4 7.5 11.3

Manual Integrations

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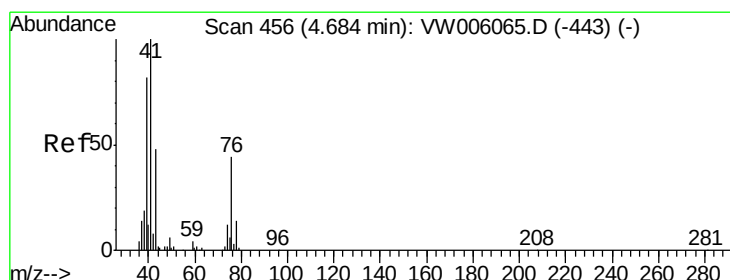
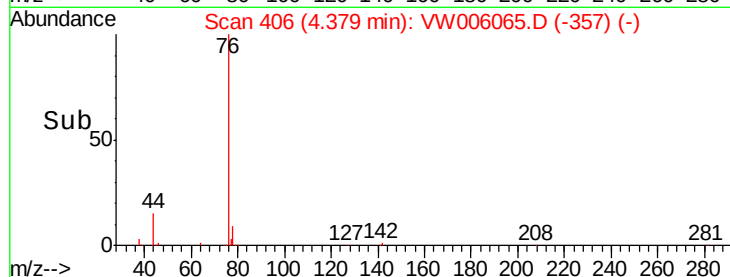
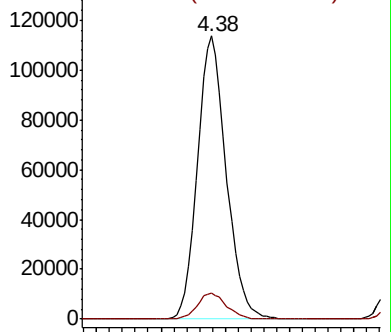
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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 42.296 ug/l

RT: 4.68 min Scan# 456

Delta R.T. 0.00 min

Lab File: VW006065.D

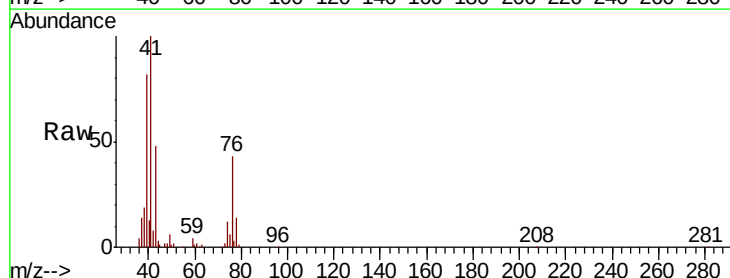
Acq: 15 Oct 2018 18:20

Tgt Ion: 43 Resp: 57838

Ion Ratio Lower Upper

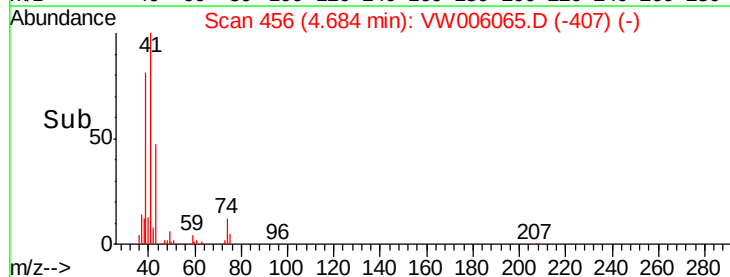
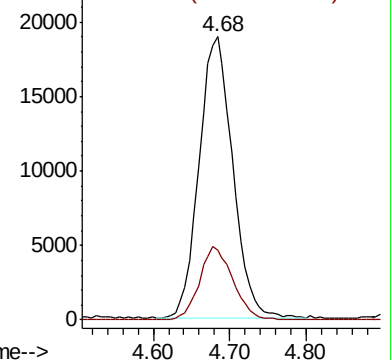
43 100

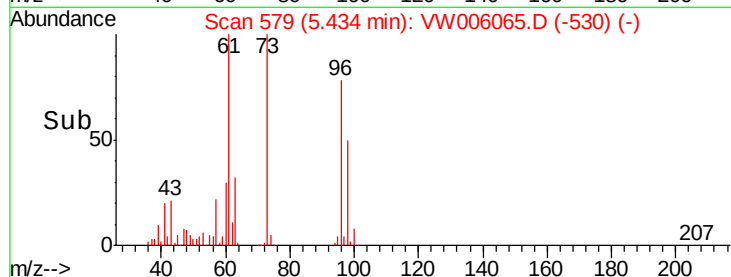
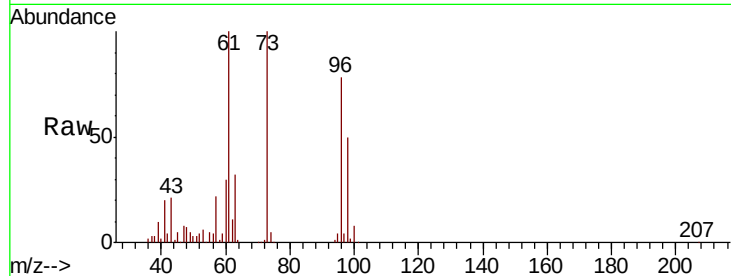
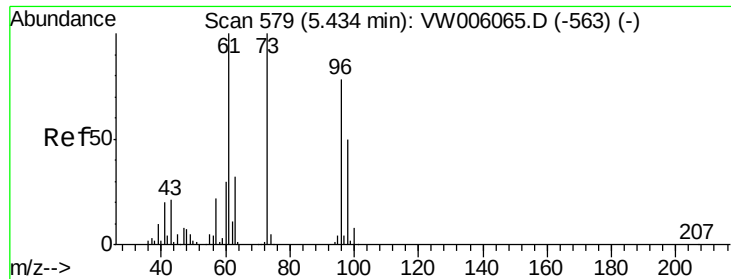
74 25.6 20.5 30.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





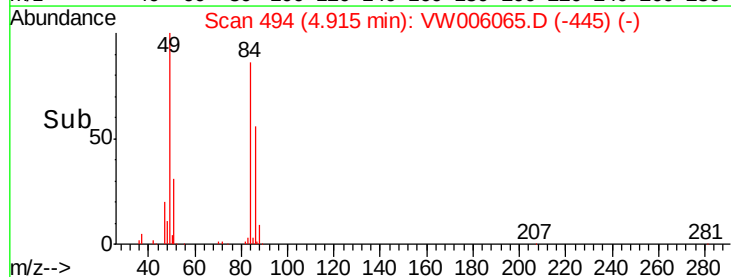
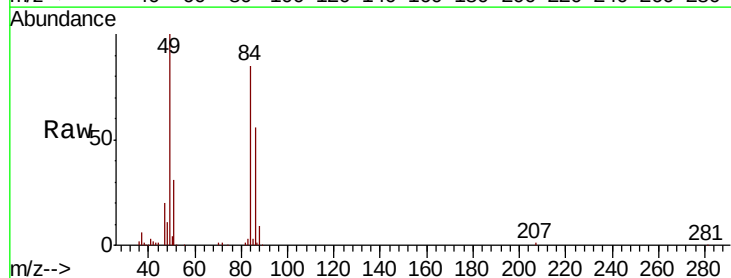
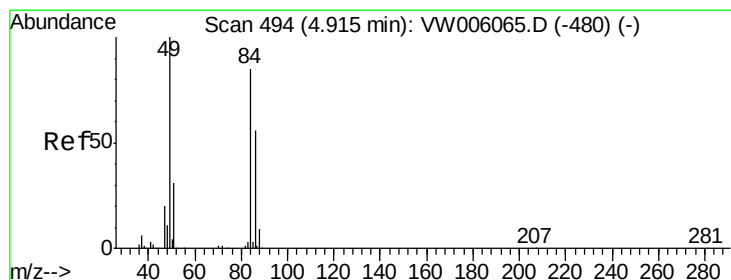
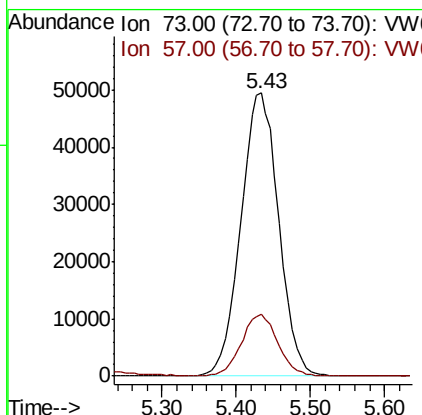
#19
Methyl tert-butyl Ether
Concen: 45.315 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.00 min
Lab File: VW006065.D
Acq: 15 Oct 2018 18:20

Tot Ion	73	Resp	175802
Ion Ratio	100	Lower	Upper
57	21.8	17.4	26.2

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

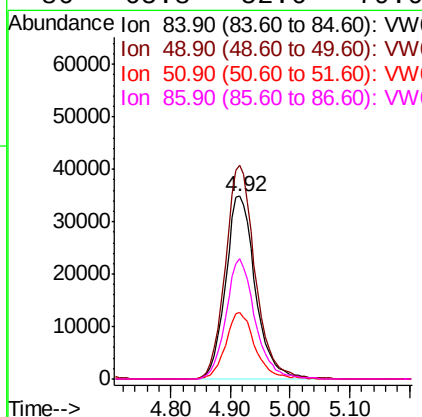
Manual Integrations
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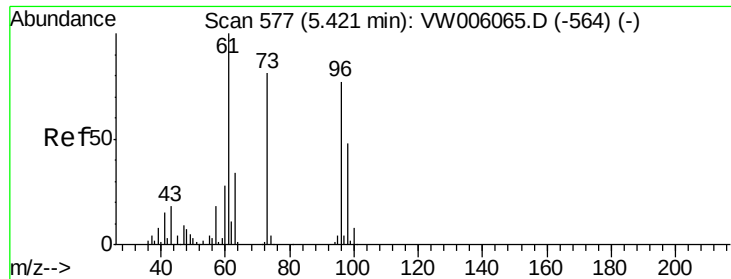
apatel
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#20
Methylene Chloride
Concen: 43.802 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006065.D
Acq: 15 Oct 2018 18:20

Tgt Ion	84	Resp	121329
Ion Ratio	100	Lower	Upper
49	117.0	93.6	140.4
51	36.2	29.0	43.4
86	65.8	52.6	79.0





#21

trans-1,2-Dichloroethene

Concen: 47.482 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW006065.D

Acq: 15 Oct 2018 18:20

Instrument :

MSVOA_W

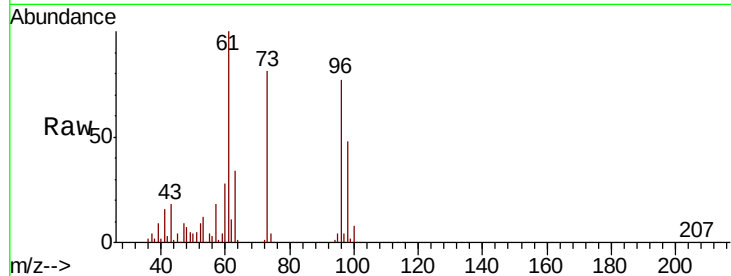
ClientSampleId :

VSTDICCC050

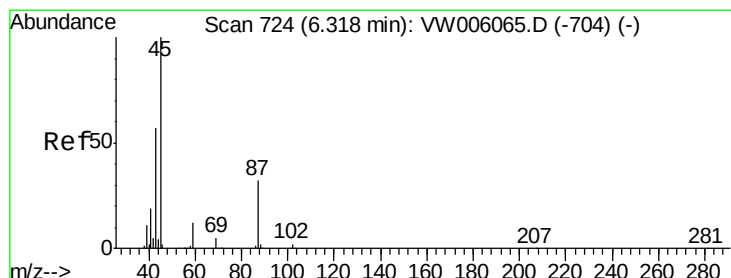
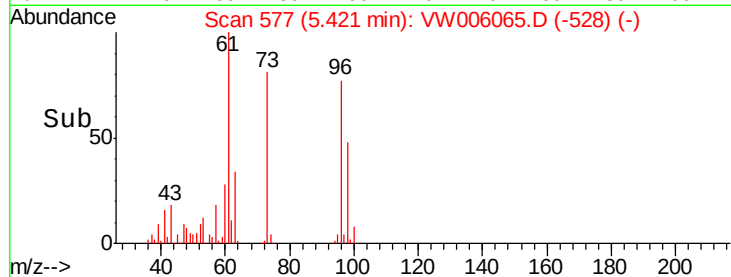
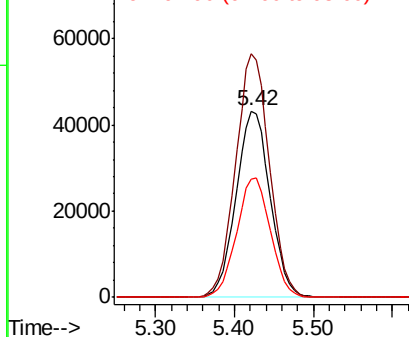
Tot Ion:	96	Resp:	129583
Ion	Ratio	Lower	Upper
96	100		
61	130.6	104.5	156.7
98	63.2	50.6	75.8

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



#22

Diisopropyl ether

Concen: 41.805 ug/l

RT: 6.32 min Scan# 724

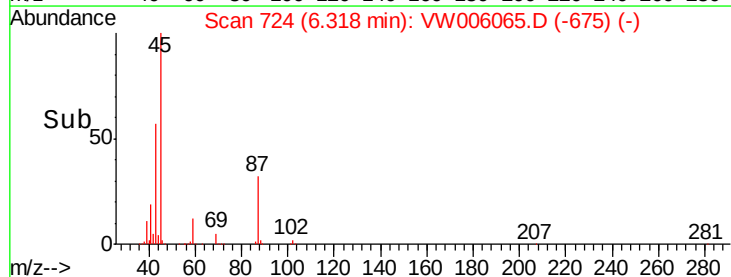
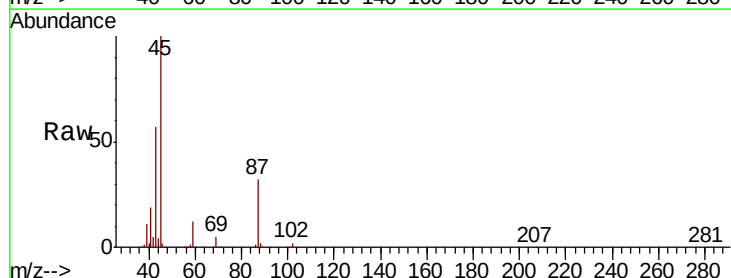
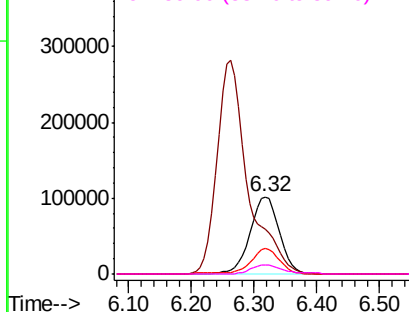
Delta R.T. 0.00 min

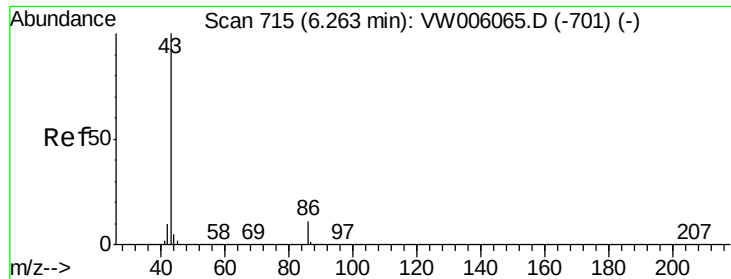
Lab File: VW006065.D

Acq: 15 Oct 2018 18:20

Tgt Ion:	45	Resp:	328356
Ion	Ratio	Lower	Upper
45	100		
43	57.1	45.7	68.5
87	32.4	25.9	38.9
59	12.0	9.6	14.4

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





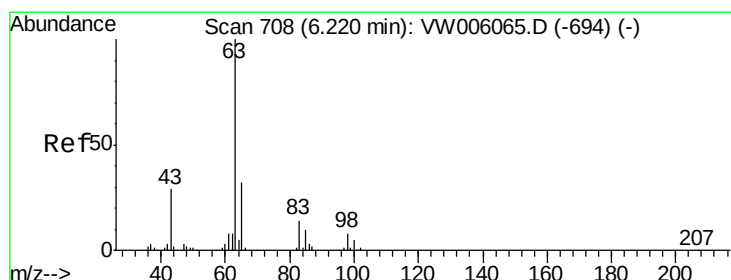
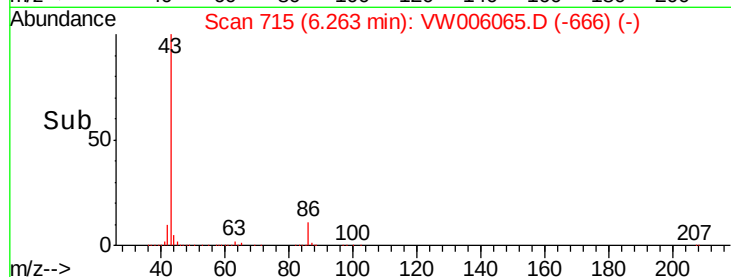
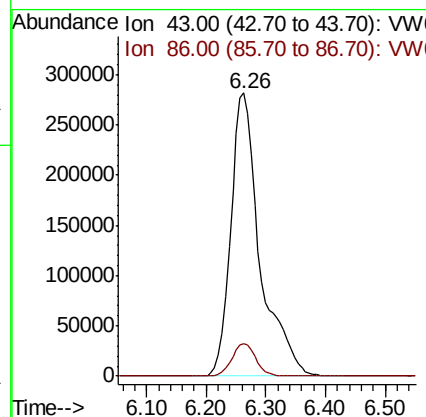
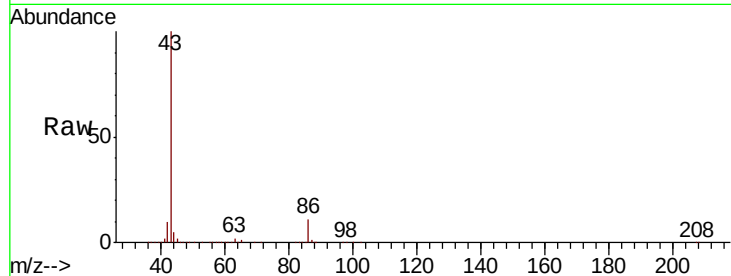
#23
 Vinyl Acetate
 Concen: 199.692 ug/l
 RT: 6.26 min Scan# 715
 Delta R.T. 0.00 min
 Lab File: VW006065.D
 Acq: 15 Oct 2018 18:20

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
43	100	957915		
86	11.3		9.0	13.6

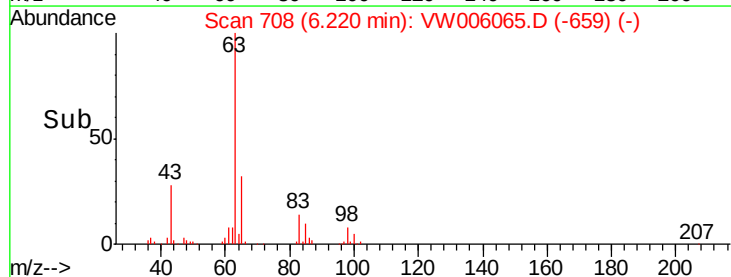
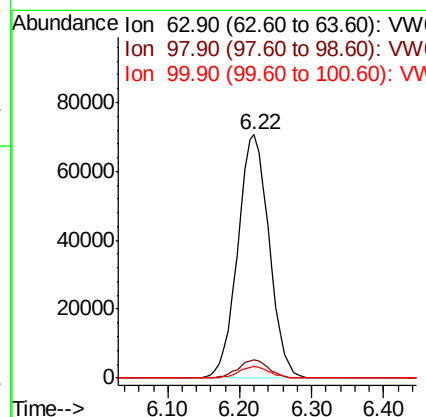
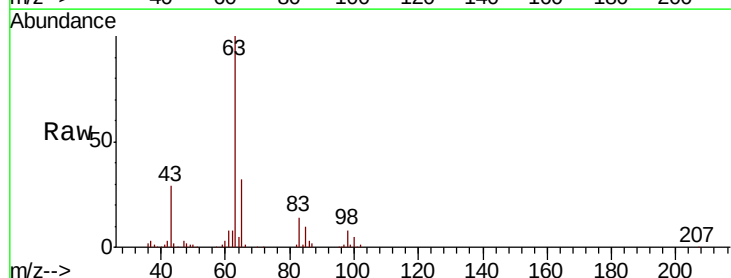
Manual Integrations
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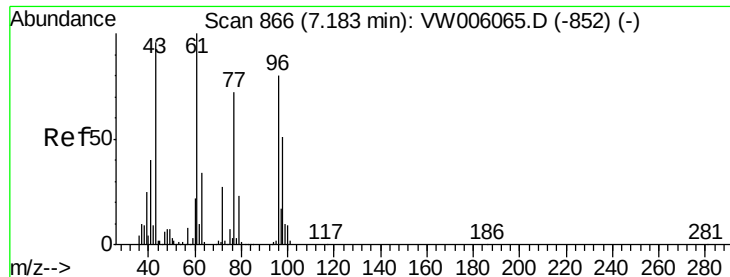
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#24
 1,1-Dichloroethane
 Concen: 43.985 ug/l
 RT: 6.22 min Scan# 708
 Delta R.T. 0.00 min
 Lab File: VW006065.D
 Acq: 15 Oct 2018 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
63	100	213089		
98	7.5		3.8	11.2
100	5.0		2.5	7.5





#25

2-Butanone

Concen: 193.636 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: VW006065.D

Acq: 15 Oct 2018 18:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 147868

Ion Ratio Lower Upper

43 100

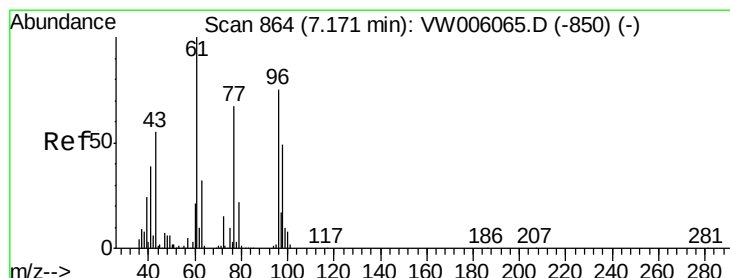
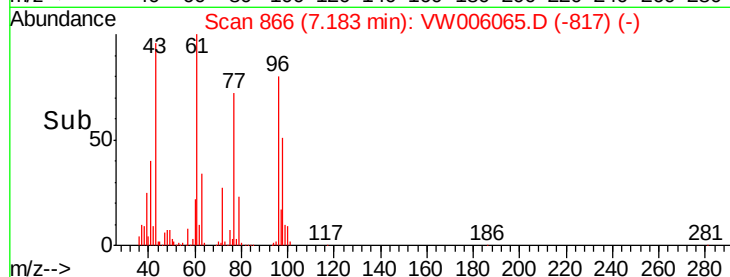
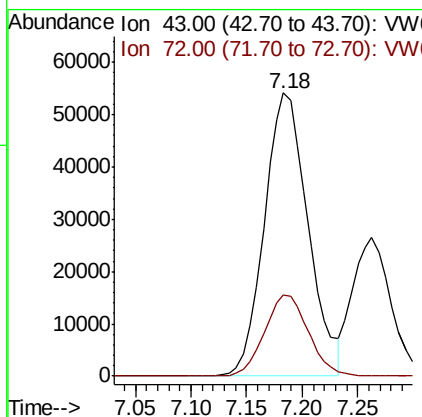
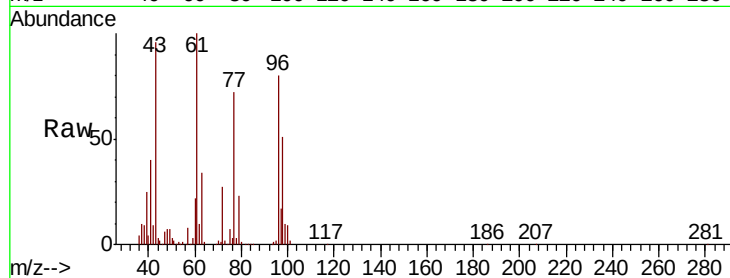
72 28.5 22.8 34.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 42.171 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW006065.D

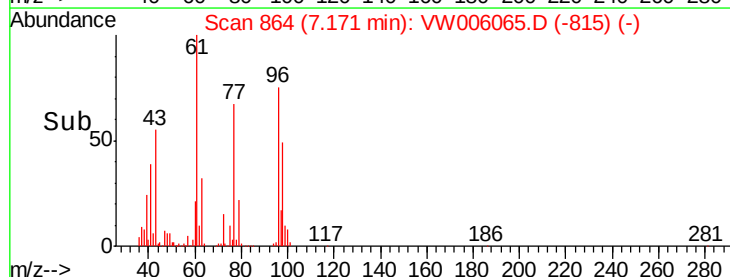
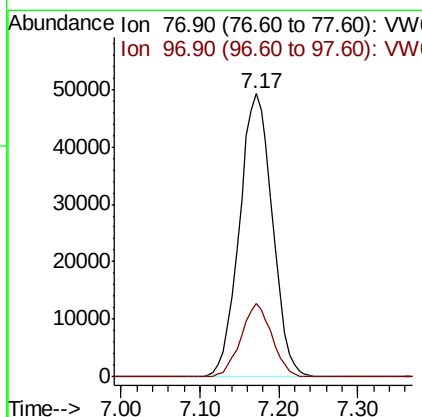
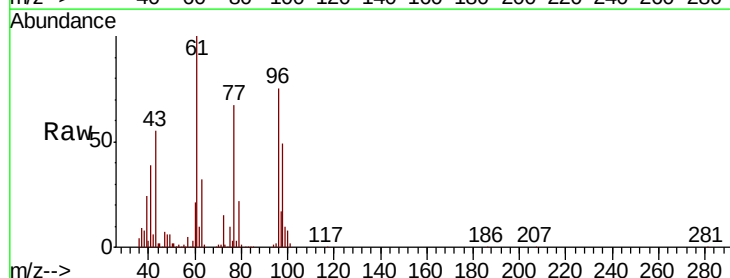
Acq: 15 Oct 2018 18:20

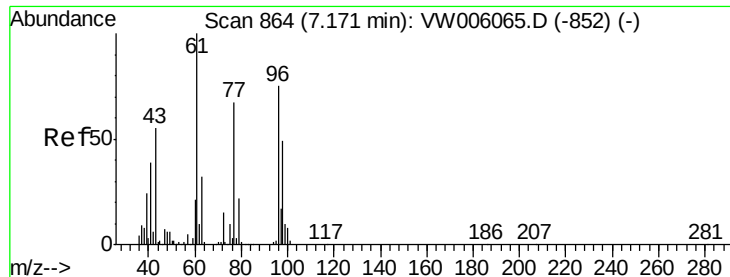
Tgt Ion: 77 Resp: 142901

Ion Ratio Lower Upper

77 100

97 24.3 12.2 36.4





#27

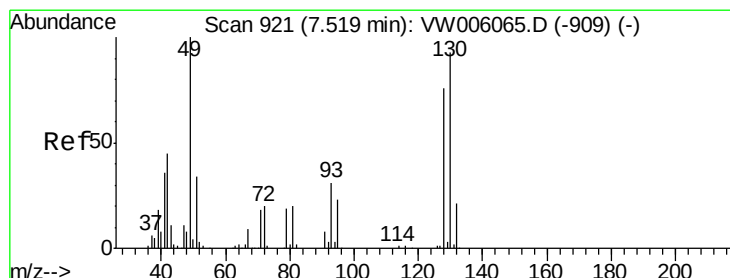
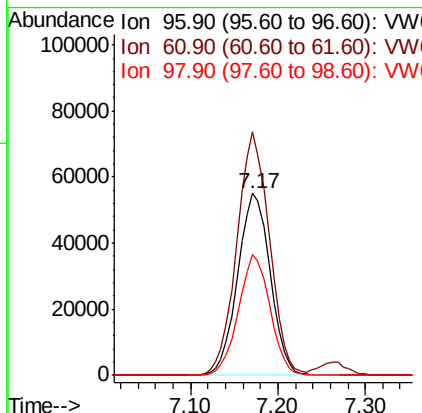
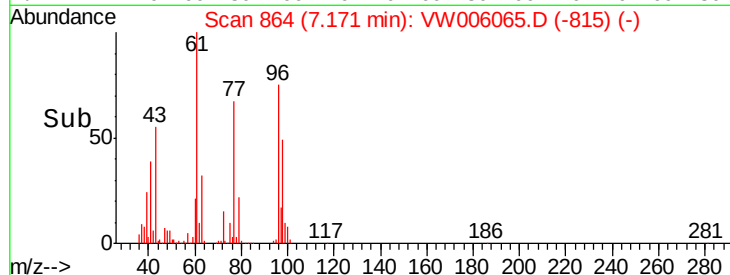
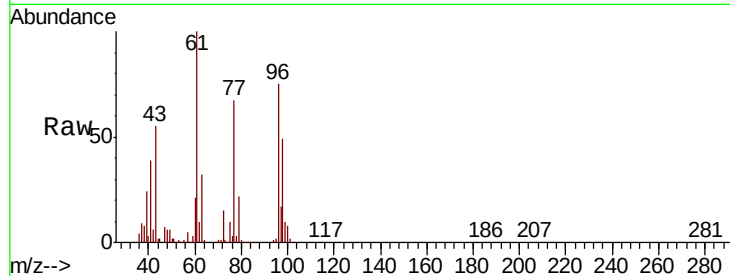
cis-1,2-Dichloroethene
Concen: 46.379 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW006065.D
Acq: 15 Oct 2018 18:20

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	133.6	0.0	267.2
98	64.3	0.0	128.6

Manual Integrations
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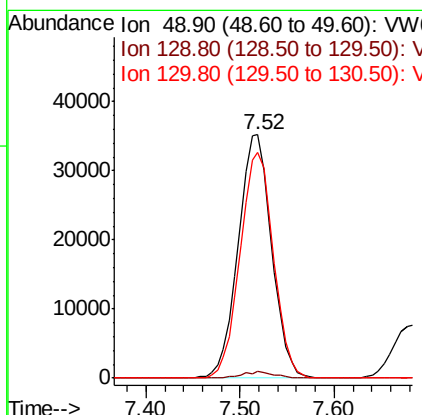
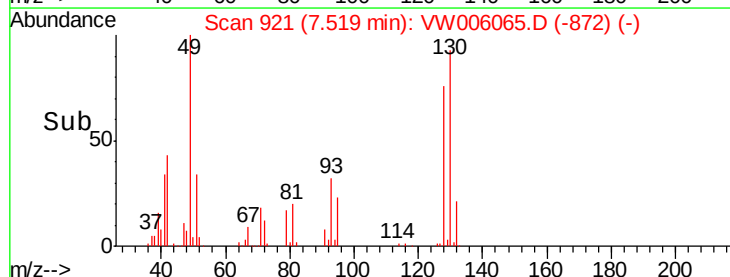
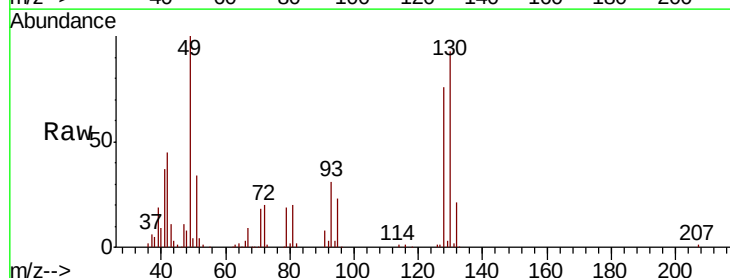
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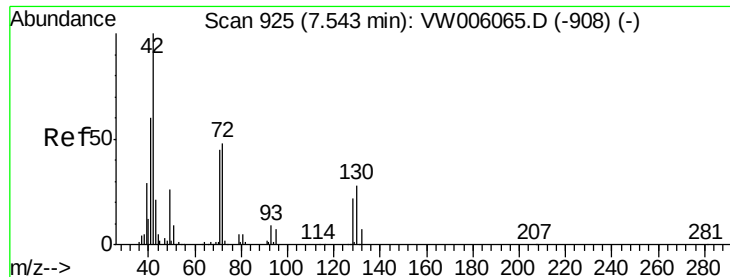


#28

Bromochloromethane
Concen: 47.747 ug/l
RT: 7.52 min Scan# 921
Delta R.T. 0.00 min
Lab File: VW006065.D
Acq: 15 Oct 2018 18:20

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.0
130	92.3	73.8	110.8





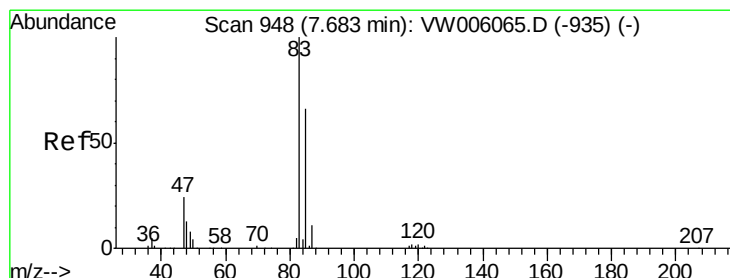
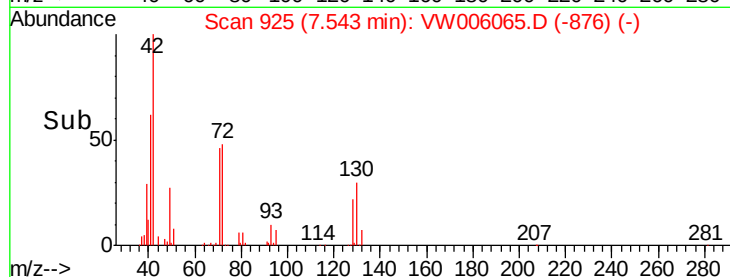
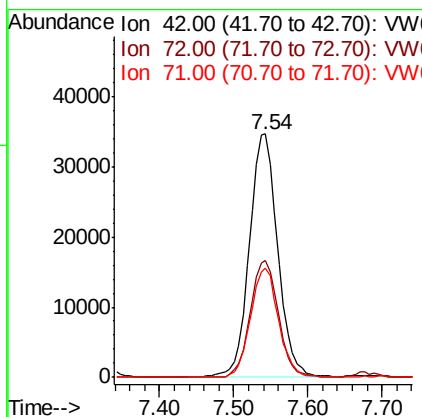
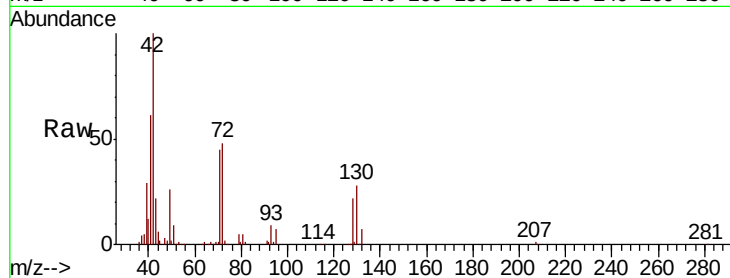
#29
Tetrahydrofuran
Concen: 192.314 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.00 min
Lab File: VW006065.D
Acq: 15 Oct 2018 18:20

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.5	38.0	57.0
71	44.1	35.3	52.9

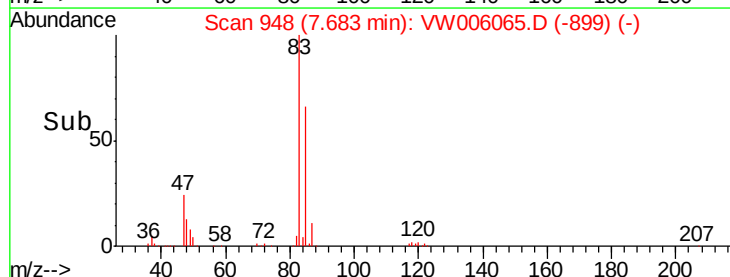
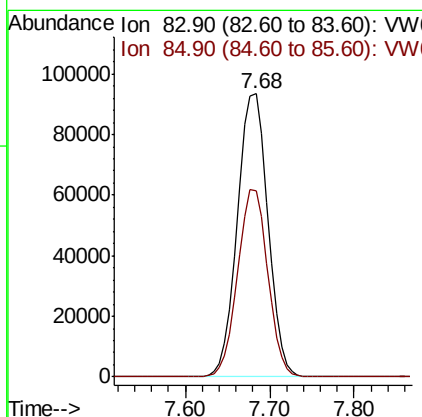
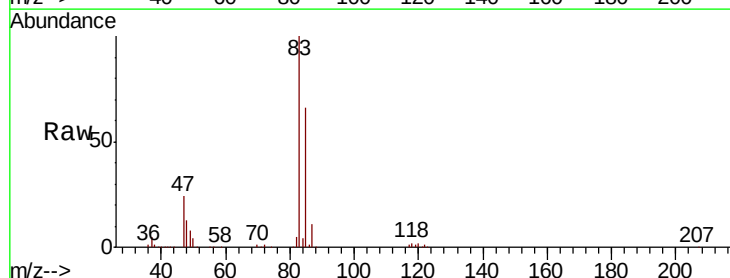
Manual Integrations
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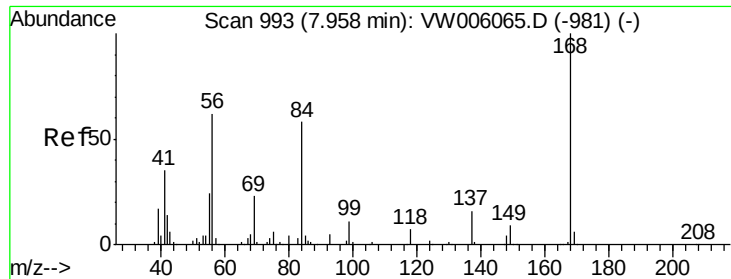
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#30
Chloroform
Concen: 45.710 ug/l
RT: 7.68 min Scan# 948
Delta R.T. 0.00 min
Lab File: VW006065.D
Acq: 15 Oct 2018 18:20

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.8	52.6	79.0





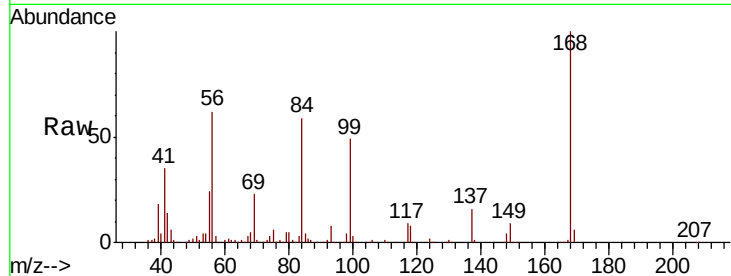
#31
Cyclohexane
Concen: 41.310 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW006065.D
Acq: 15 Oct 2018 18:20

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.7	29.4	44.0
84	92.5	74.0	111.0

Manual Integrations
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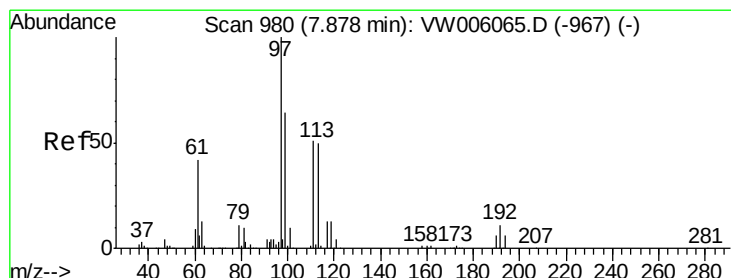
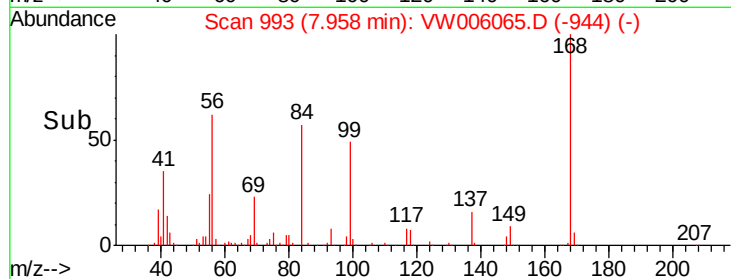
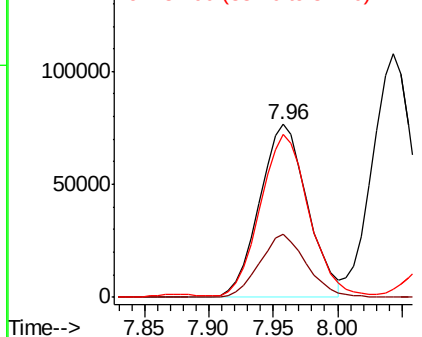


Abundance

Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



#32
1,1,1-Trichloroethane
Concen: 46.405 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.00 min
Lab File: VW006065.D
Acq: 15 Oct 2018 18:20

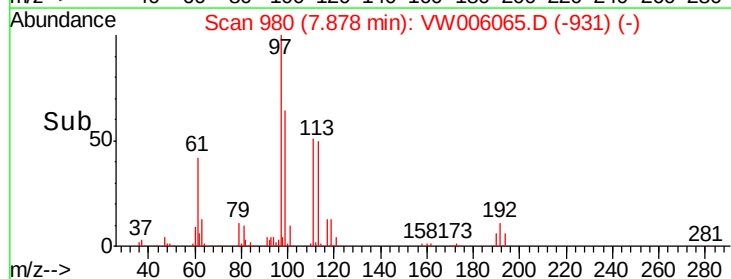
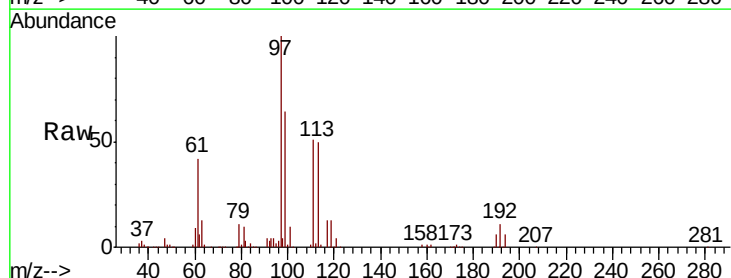
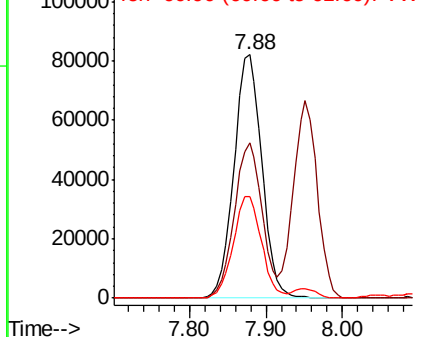
Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.6	50.9	76.3
61	42.1	33.7	50.5

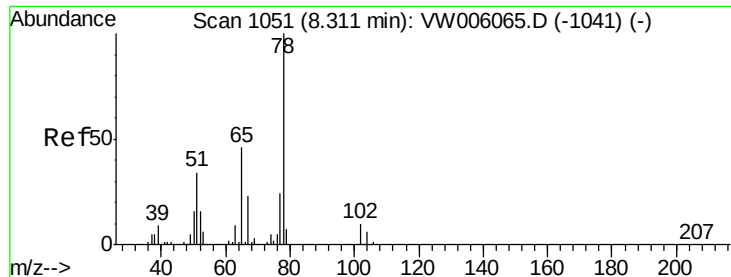
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 98.90 (98.60 to 99.60): VW

Ion 60.90 (60.60 to 61.60): VW





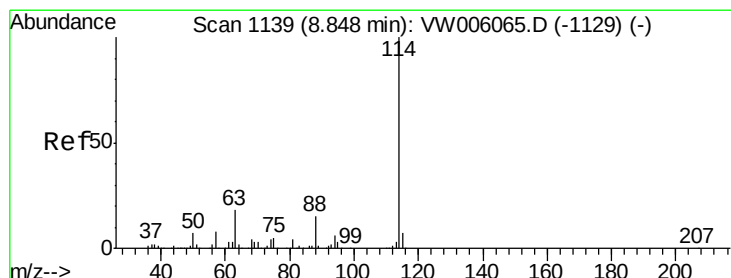
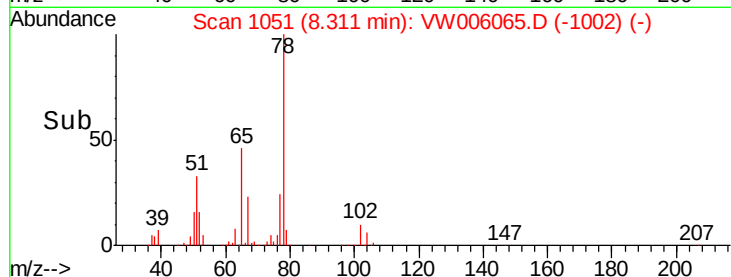
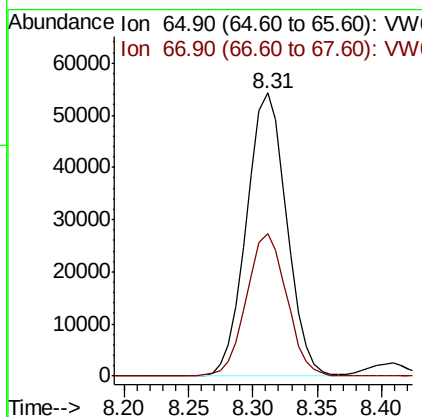
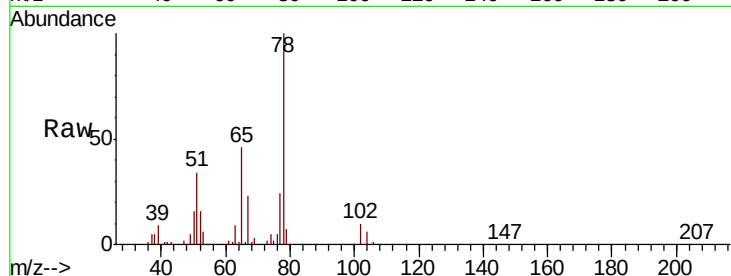
#33
 1,2-Dichloroethane-d4
 Concen: 42.969 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006065.D
 Acq: 15 Oct 2018 18:20

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	117161		
67	50.5	0.0	101.0	

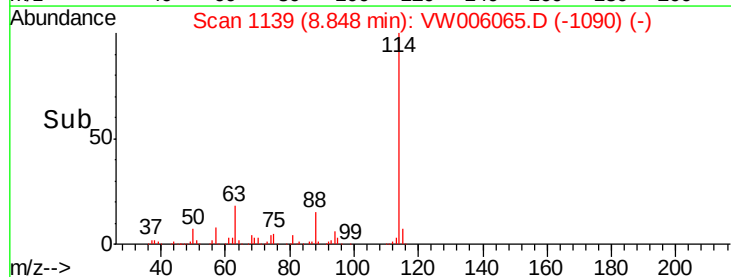
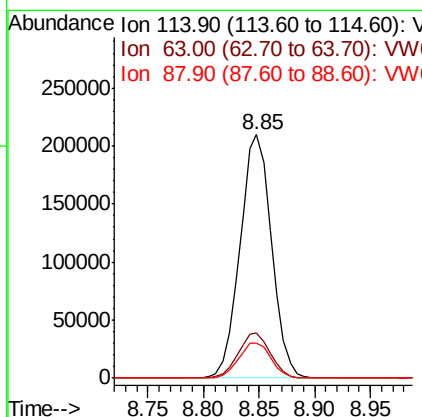
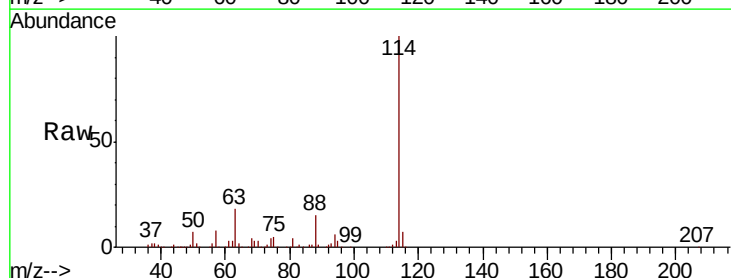
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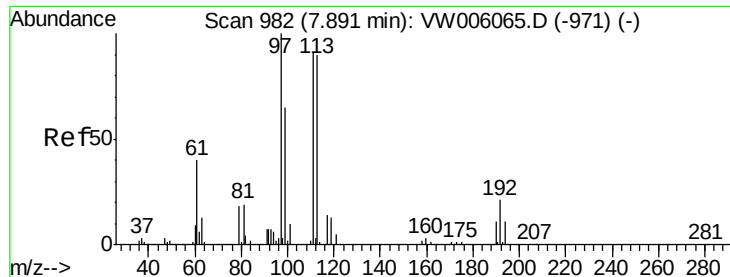
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006065.D
 Acq: 15 Oct 2018 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	411649		
63	18.4	0.0	36.8	
88	14.5	0.0	29.0	





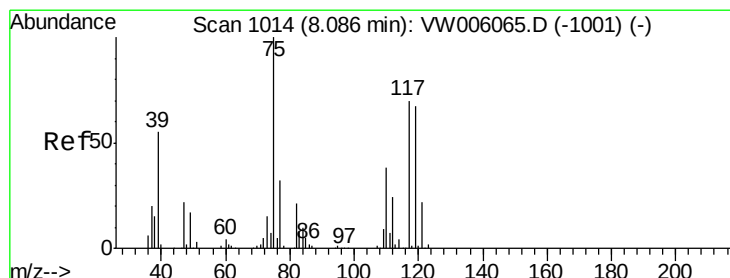
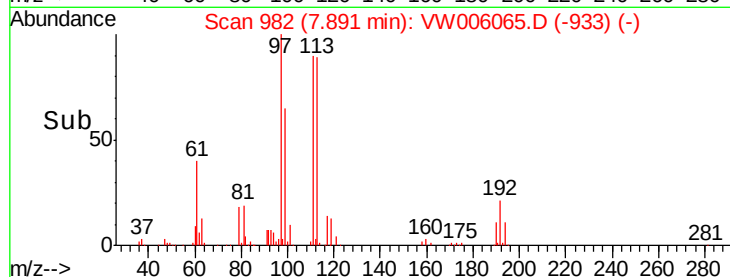
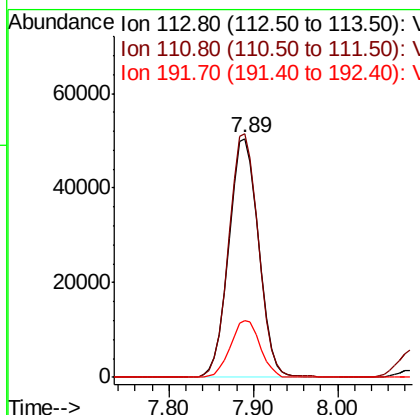
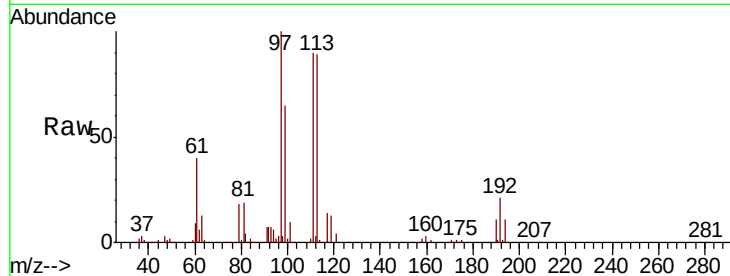
#35
 Dibromofluoromethane
 Concen: 46.540 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006065.D
 Acq: 15 Oct 2018 18:20

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.4	122.0
192	23.4	18.7	28.1

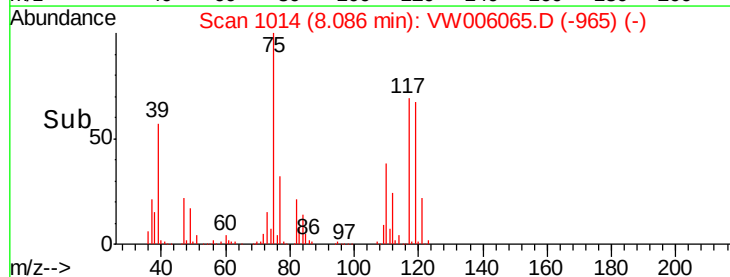
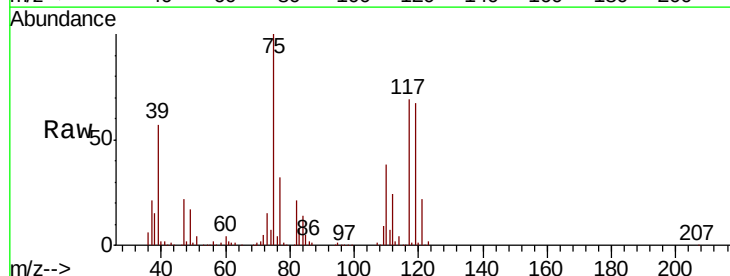
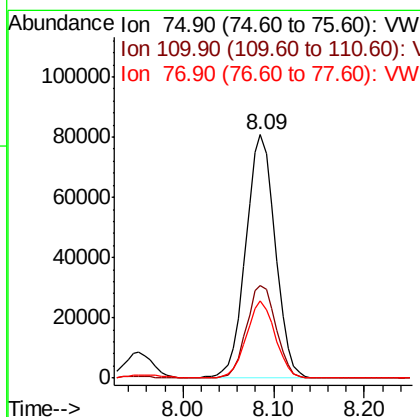
Manual Integrations
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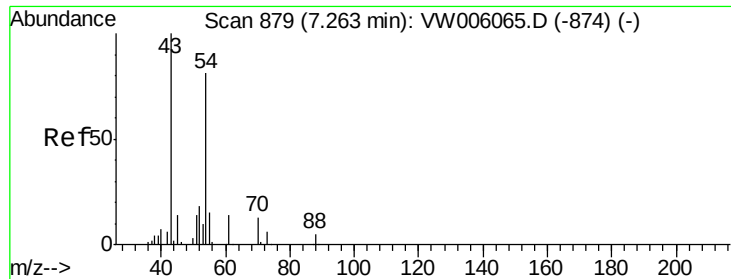
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#36
 1,1-Dichloropropene
 Concen: 46.739 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW006065.D
 Acq: 15 Oct 2018 18:20

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.1	19.1	57.1
77	31.2	25.0	37.4





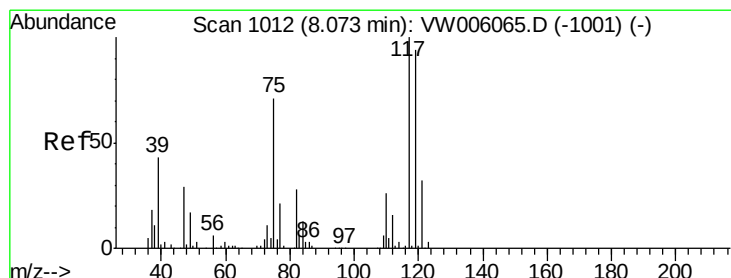
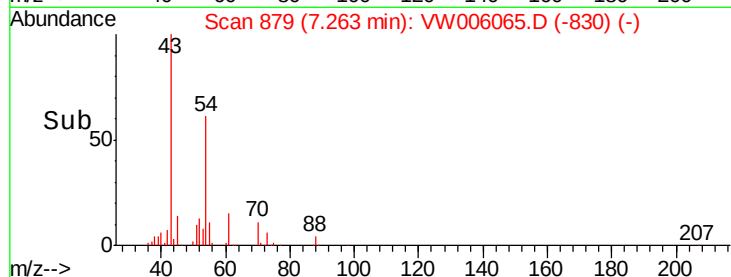
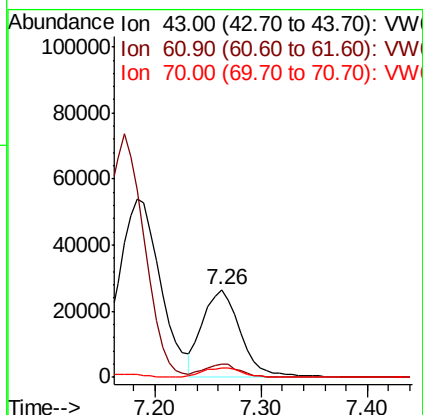
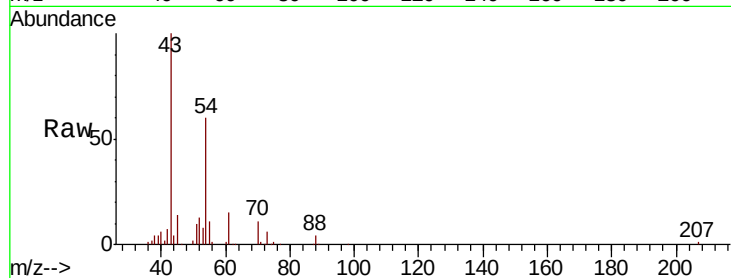
#37
Ethyl Acetate
Concen: 39.901 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: VW006065.D
Acq: 15 Oct 2018 18:20

Instrument :
MSVOA_W
ClientSampleID :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.5	17.3
70	11.5	9.2	13.8

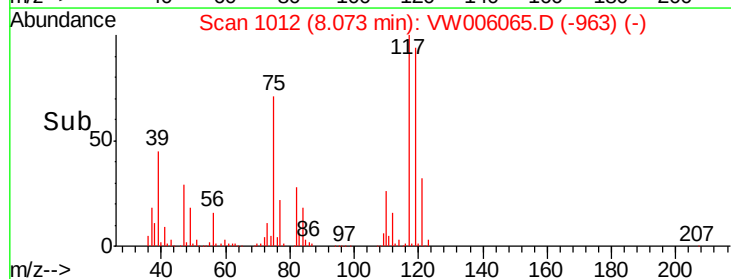
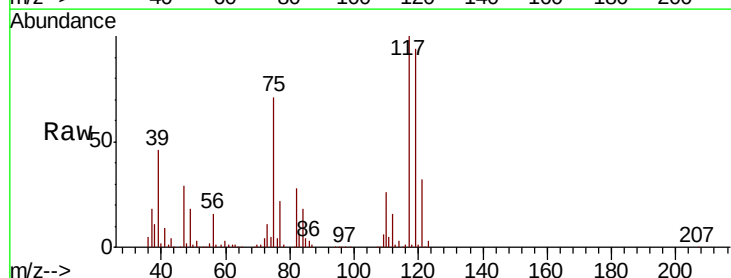
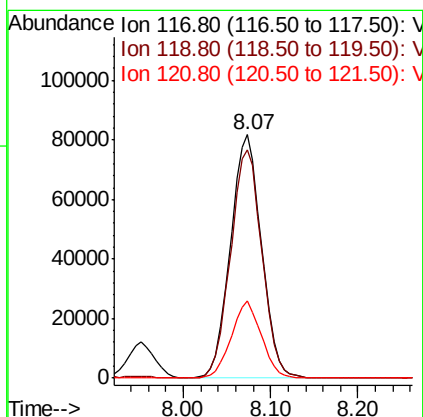
Manual Integrations
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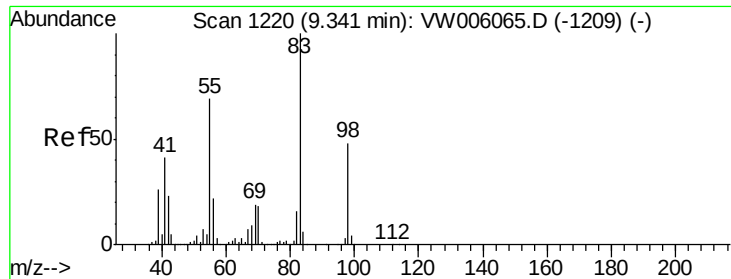
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#38
Carbon Tetrachloride
Concen: 47.944 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW006065.D
Acq: 15 Oct 2018 18:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.0	75.2	112.8
121	31.6	25.3	37.9





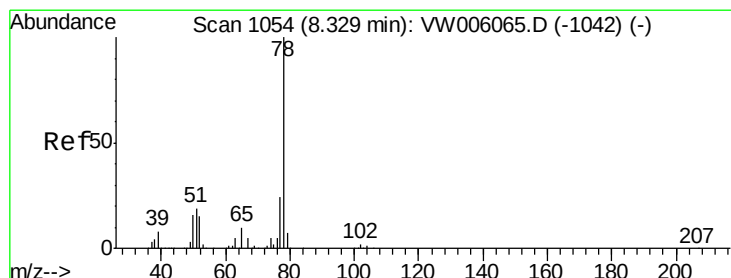
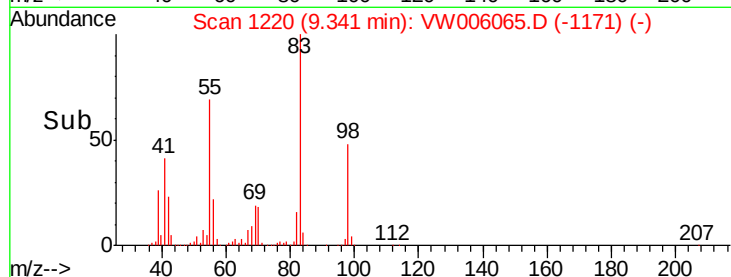
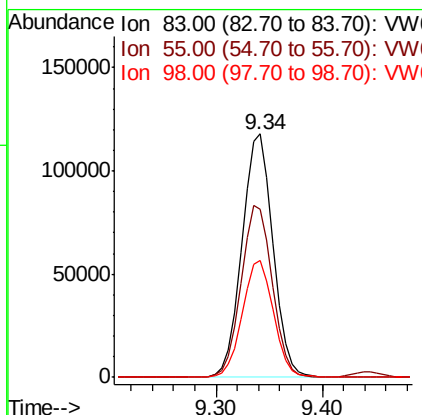
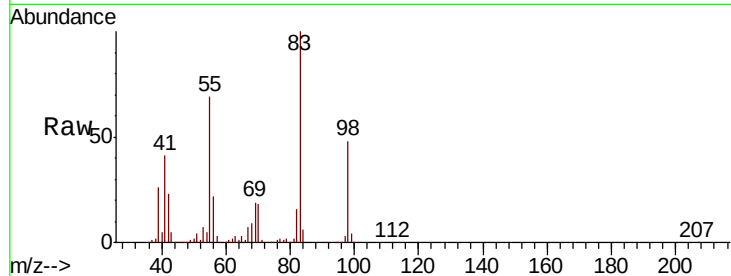
#39
Methylvlcyclohexane
Concen: 47.103 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW006065.D
Acq: 15 Oct 2018 18:20

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.8	55.0	82.6
98	48.2	38.6	57.8

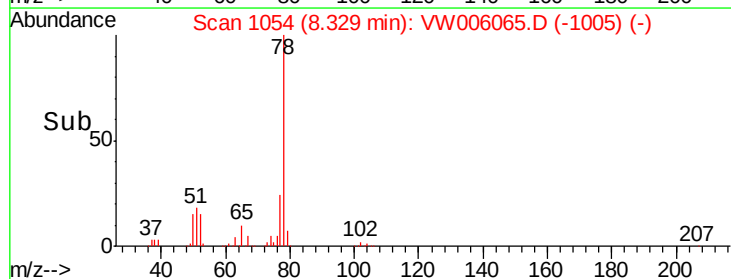
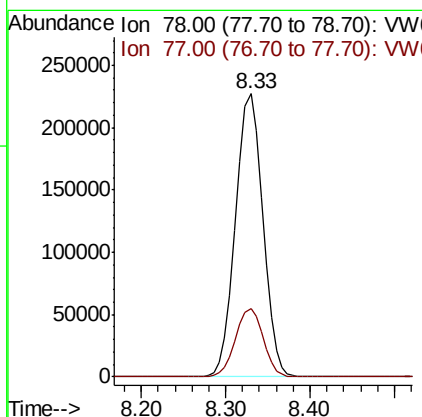
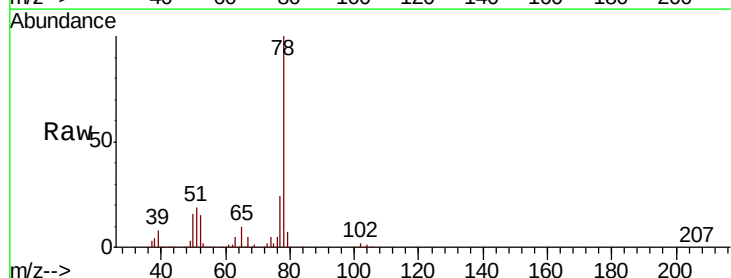
Manual Integrations
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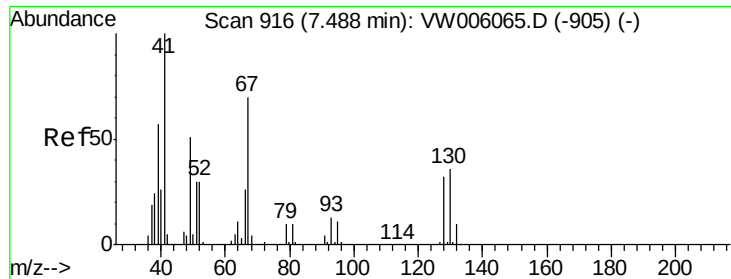
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#40
Benzene
Concen: 46.717 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW006065.D
Acq: 15 Oct 2018 18:20

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.4	29.0





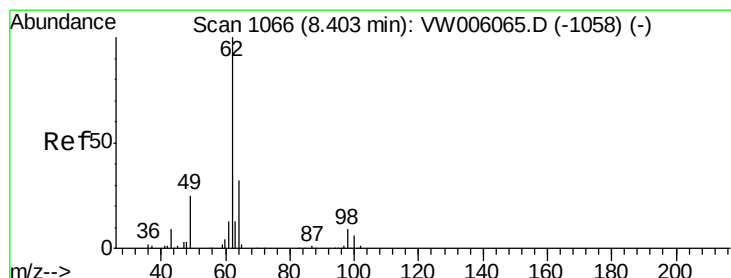
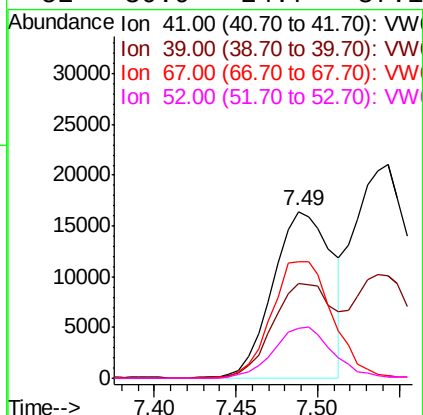
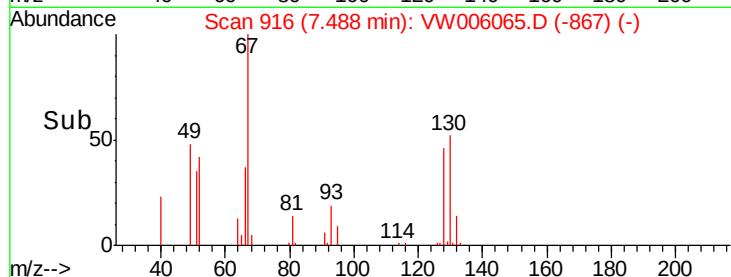
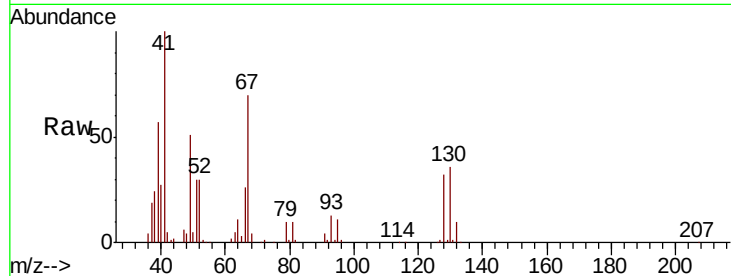
#41
Methacrylonitrile
Concen: 40.572 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006065.D
Acq: 15 Oct 2018 18:20

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion:	41	Resp:	41421
Ion	Ratio	Lower	Upper
41	100		
39	57.8	46.2	69.4
67	72.1	57.7	86.5
52	30.9	24.7	37.1

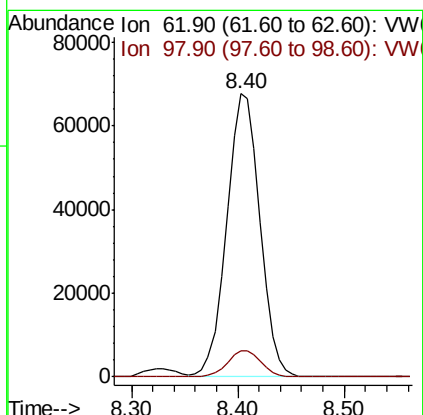
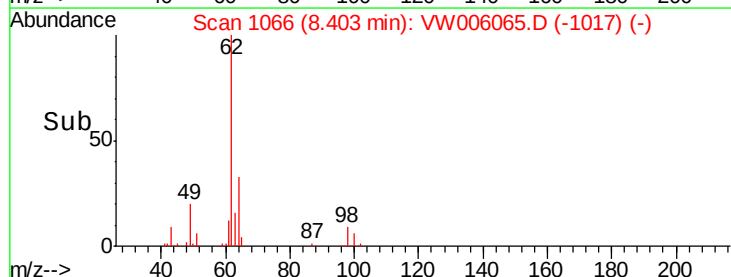
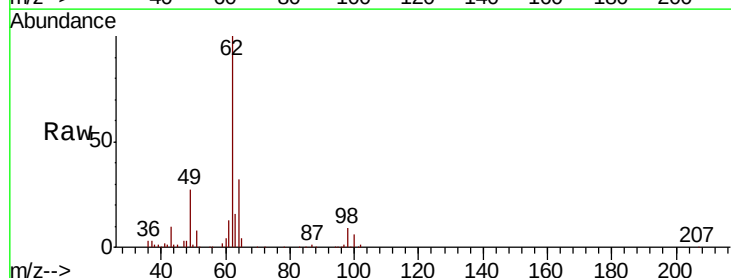
Manual Integrations
APPROVED

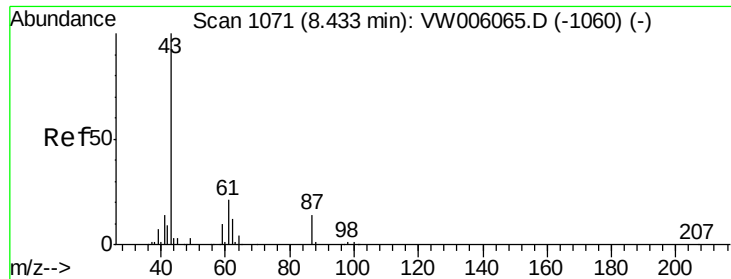
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#42
1,2-Dichloroethane
Concen: 45.816 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006065.D
Acq: 15 Oct 2018 18:20

Tgt Ion:	62	Resp:	147525
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.4





#43

Isopropyl Acetate

Concen: 40.406 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. 0.00 min

Lab File: VW006065.D

Acq: 15 Oct 2018 18:20

Instrument :

MSVOA_W

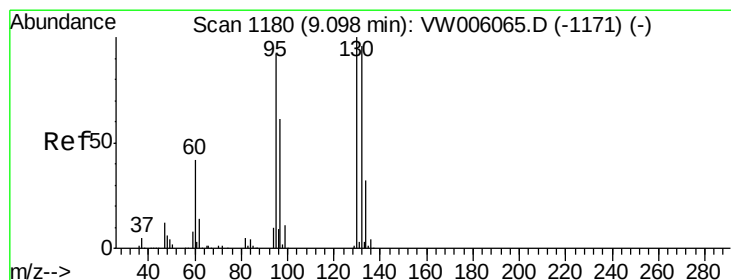
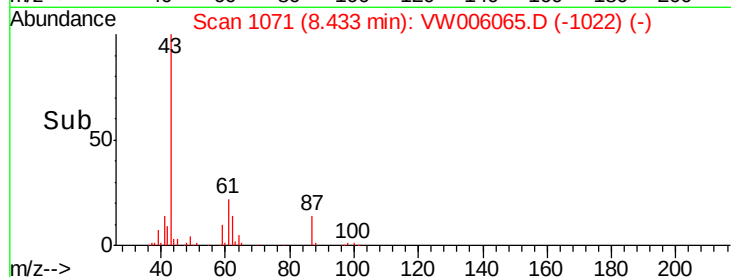
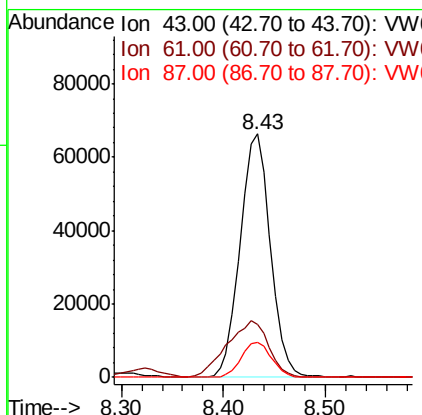
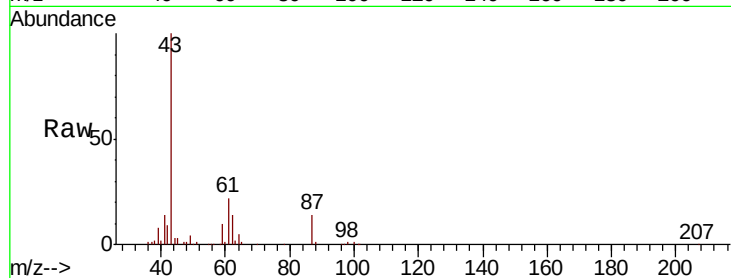
ClientSampleId :

VSTDICCC050

Tot Ion:	43	Resp:	136202
Ion	Ratio	Lower	Upper
43	100		
61	31.9	25.5	38.3
87	14.6	11.7	17.5

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#44

Trichloroethene

Concen: 49.291 ug/l

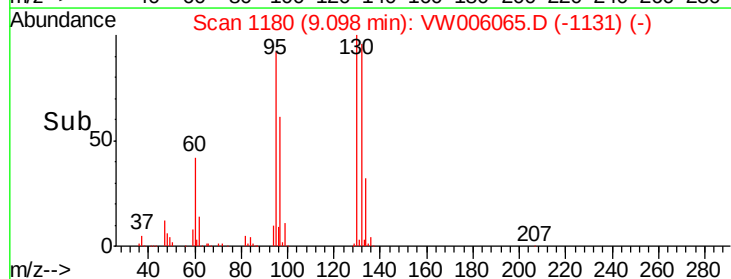
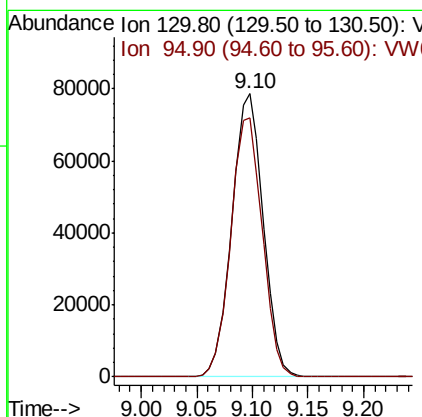
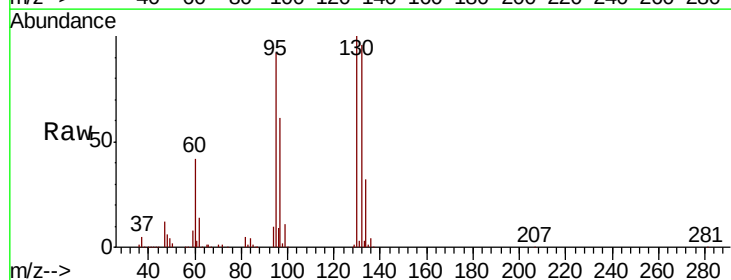
RT: 9.10 min Scan# 1180

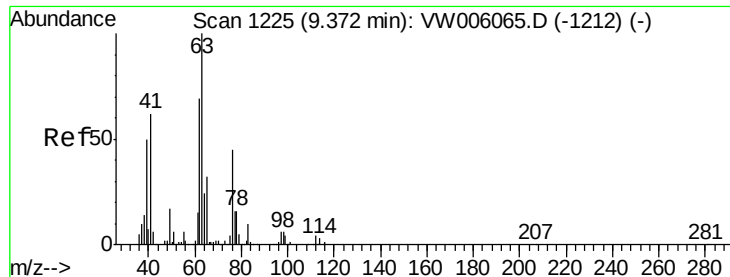
Delta R.T. 0.00 min

Lab File: VW006065.D

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Tgt Ion:	130	Resp:	153415
Ion	Ratio	Lower	Upper
130	100		
95	91.6	0.0	183.2





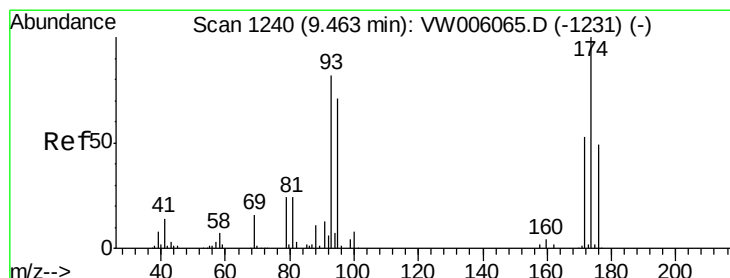
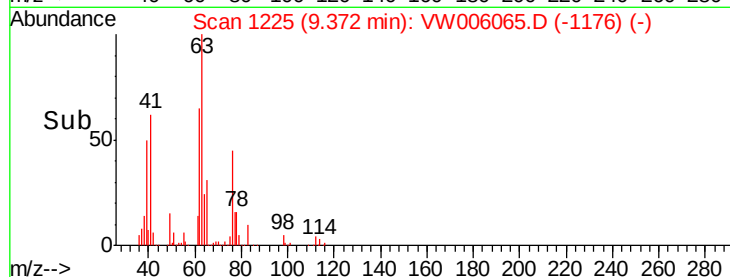
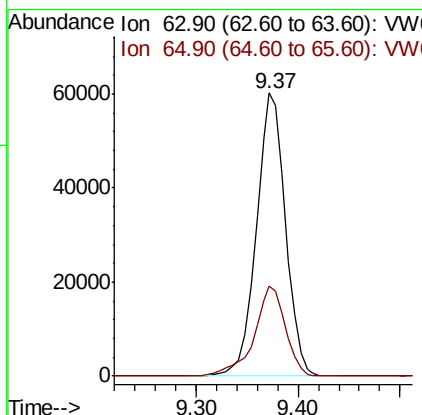
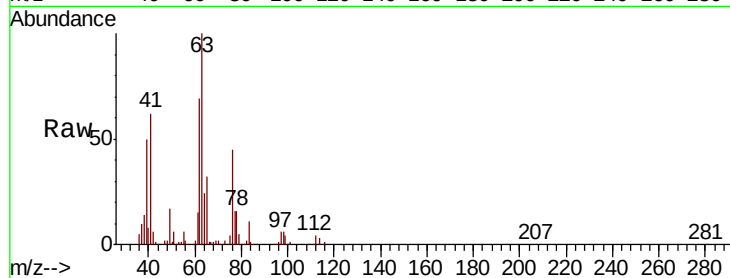
#45
 1,2-Dichloropropane
 Concen: 44.974 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW006065.D
 Acq: 15 Oct 2018 18:20

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.7	25.4	38.0

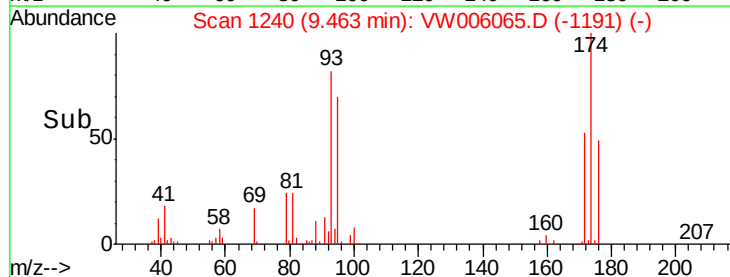
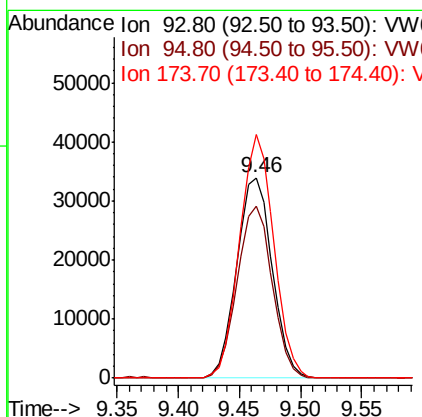
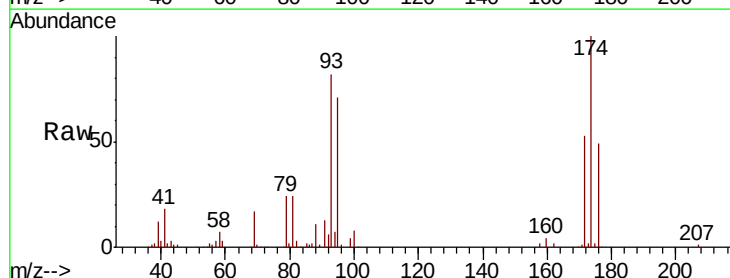
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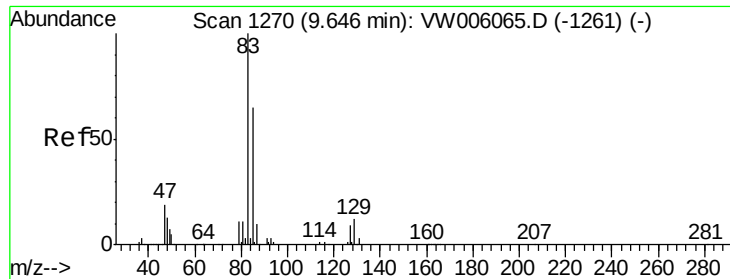
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#46
 Dibromomethane
 Concen: 46.513 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW006065.D
 Acq: 15 Oct 2018 18:20

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.6	67.7	101.5
174	117.1	93.7	140.5





#47

Bromodichloromethane

Concen: 45.426 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW006065.D

Acq: 15 Oct 2018 18:20

Instrument :

MSVOA_W

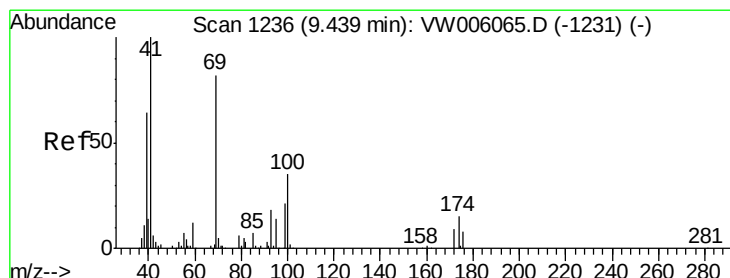
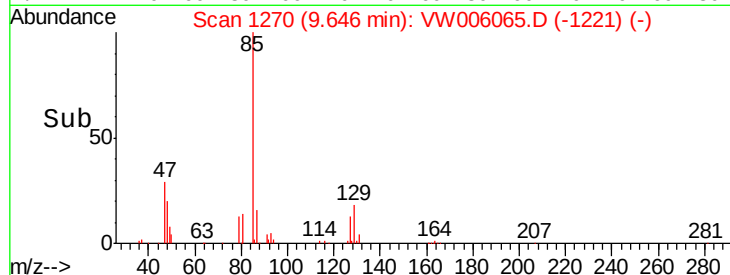
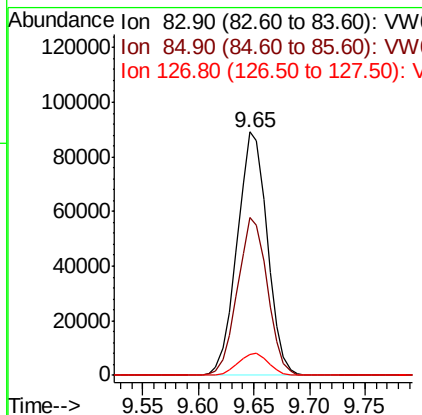
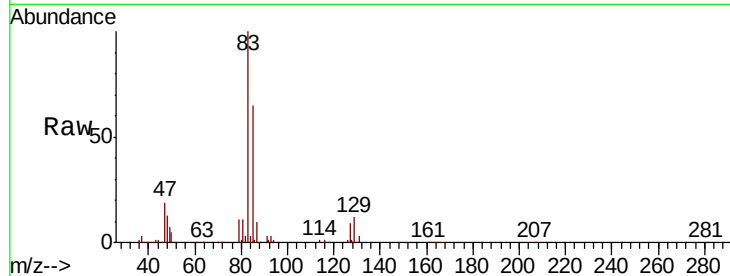
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	167318
Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.8	77.8
127	8.6	6.9	10.3

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#48

Methyl methacrylate

Concen: 41.269 ug/l

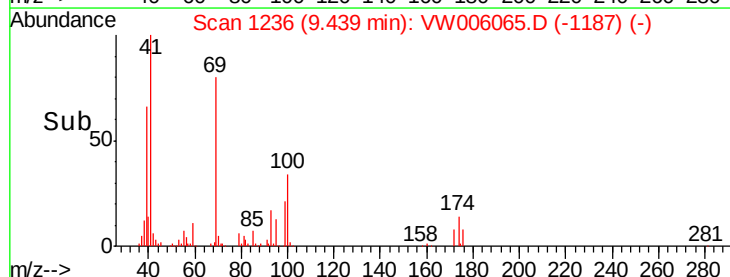
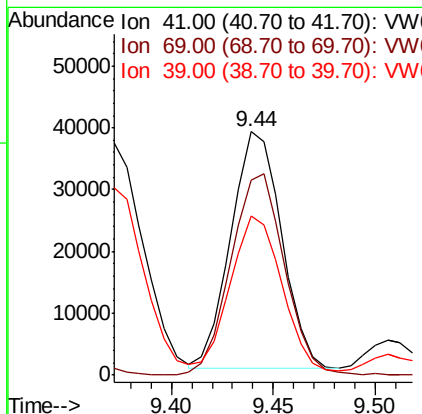
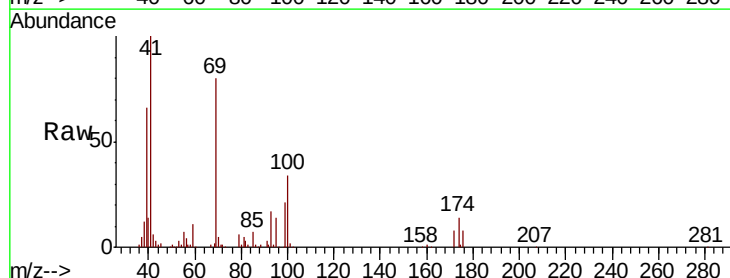
RT: 9.44 min Scan# 1236

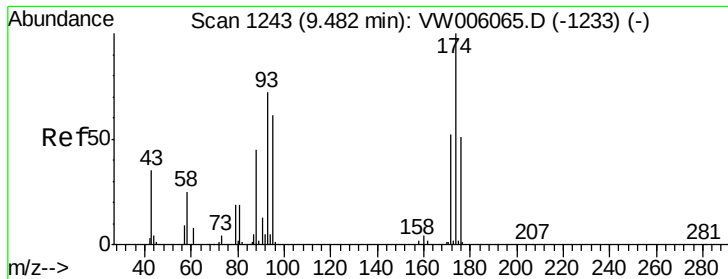
Delta R.T. 0.00 min

Lab File: VW006065.D

Acq: 15 Oct 2018 18:20

Tgt Ion:	41	Resp:	66447
Ion	Ratio	Lower	Upper
41	100		
69	89.8	71.8	107.8
39	65.6	52.5	78.7





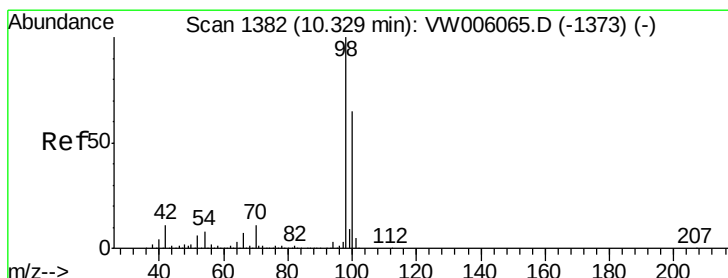
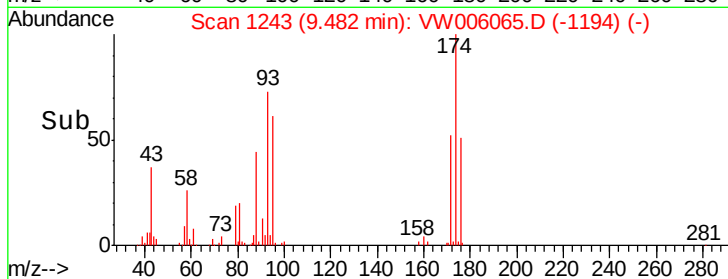
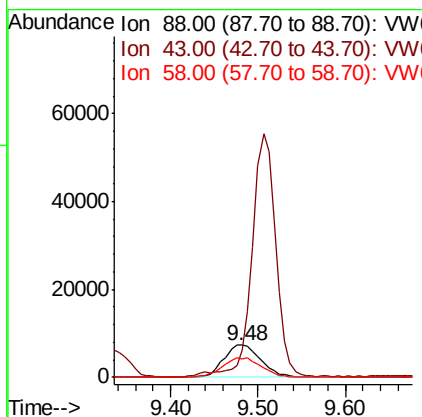
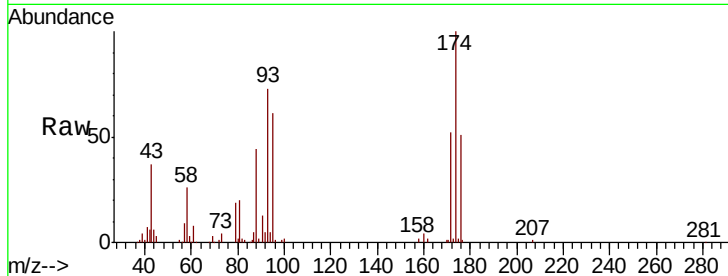
#49
1,4-Dioxane
Concen: 970.464 ug/l
RT: 9.48 min Scan# 1243
Delta R.T. 0.00 min
Lab File: VW006065.D
Acq: 15 Oct 2018 18:20

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	64.0	51.2	76.8

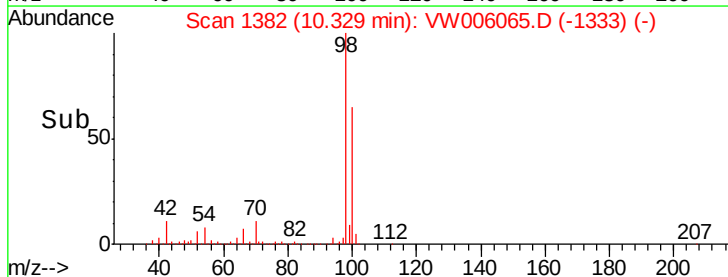
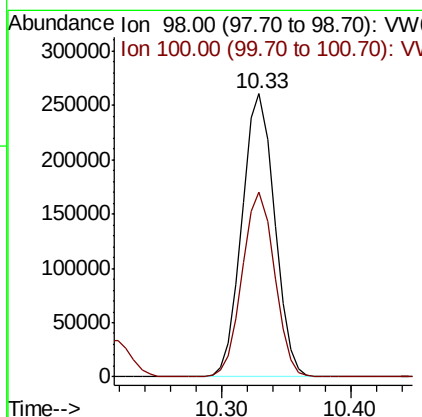
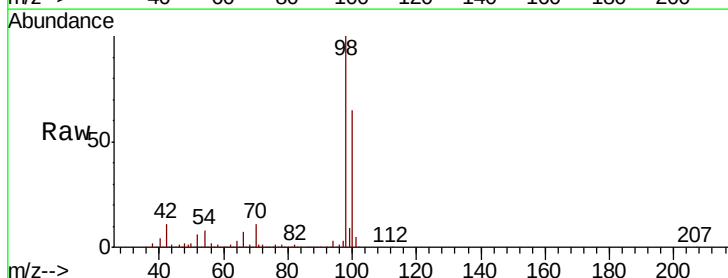
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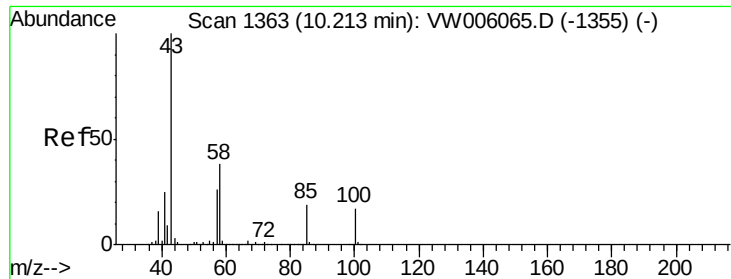
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#50
Toluene-d8
Concen: 45.929 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006065.D
Acq: 15 Oct 2018 18:20

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 207.553 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW006065.D

Acq: 15 Oct 2018 18:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 342287

Ion Ratio Lower Upper

43 100

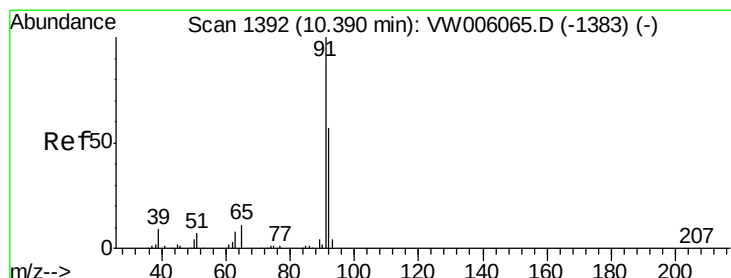
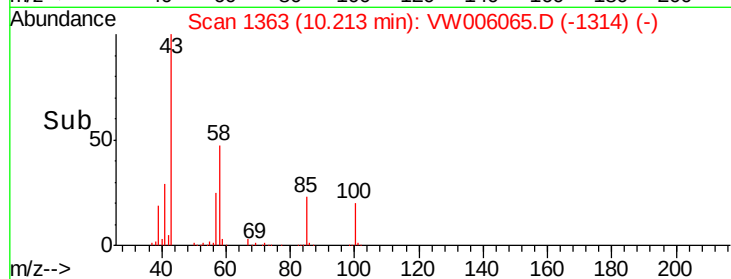
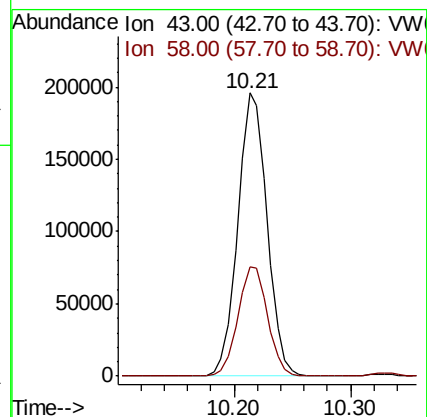
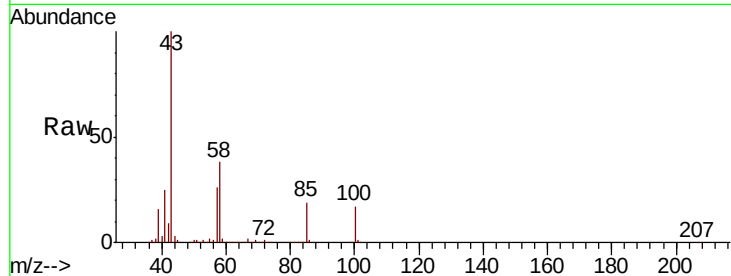
58 39.4 31.5 47.3

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#52

Toluene

Concen: 47.547 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006065.D

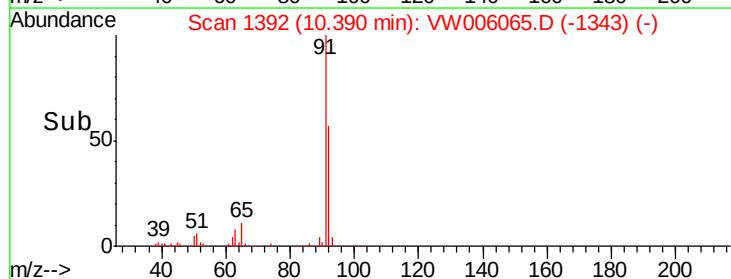
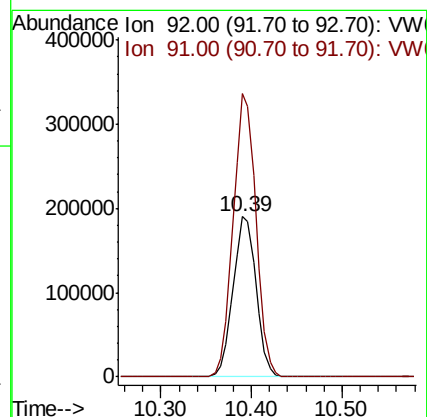
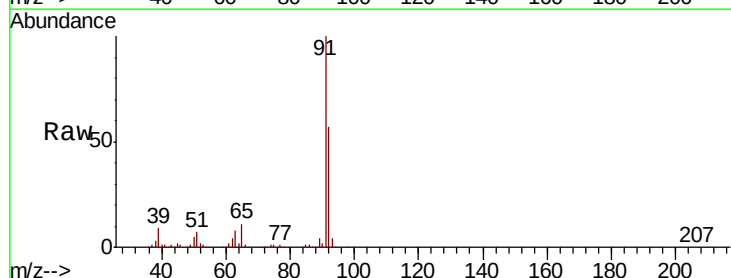
Acq: 15 Oct 2018 18:20

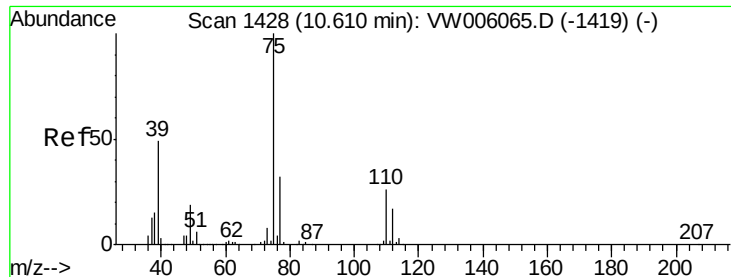
Tgt Ion: 92 Resp: 334325

Ion Ratio Lower Upper

92 100

91 175.0 140.0 210.0





#53

t-1,3-Dichloropropene

Concen: 43.990 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006065.D

Acq: 15 Oct 2018 18:20

Instrument :

MSVOA_W

ClientSampled :

VSTDICCC050

Tot Ion: 75 Resp: 167903

Ion Ratio Lower Upper

75 100

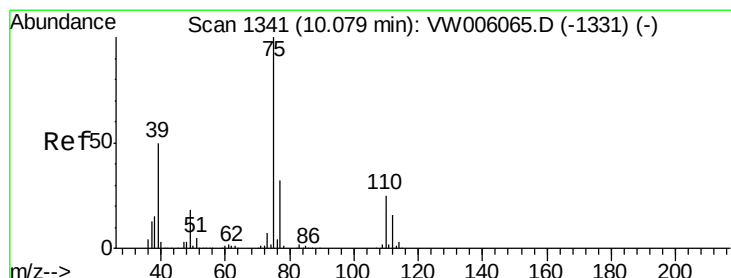
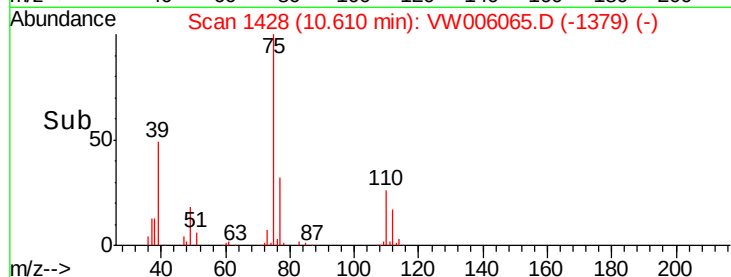
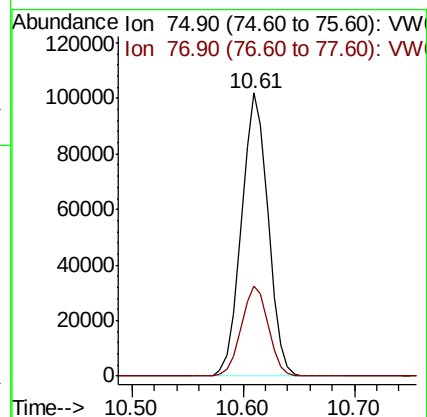
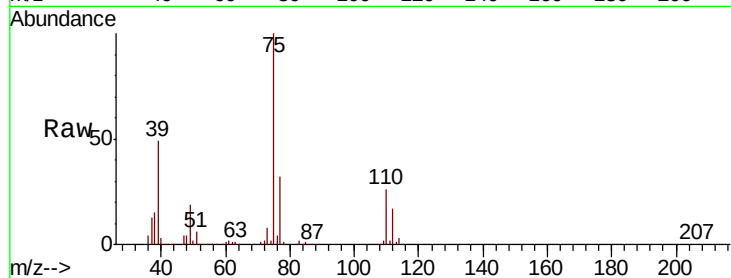
77 31.8 25.4 38.2

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#54

cis-1,3-Dichloropropene

Concen: 44.540 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. 0.00 min

Lab File: VW006065.D

Acq: 15 Oct 2018 18:20

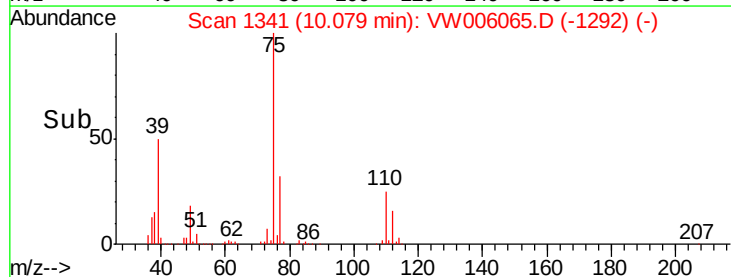
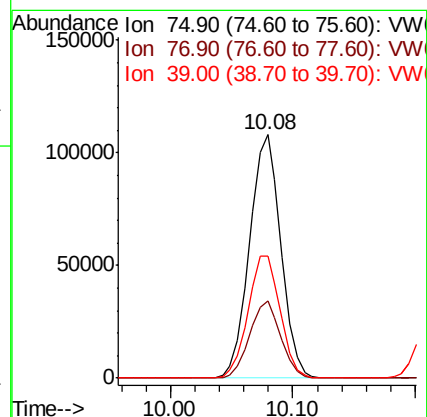
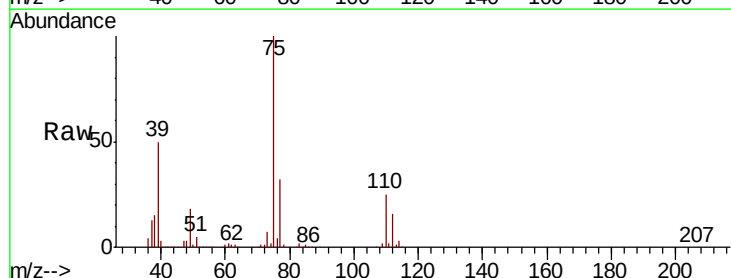
Tgt Ion: 75 Resp: 191853

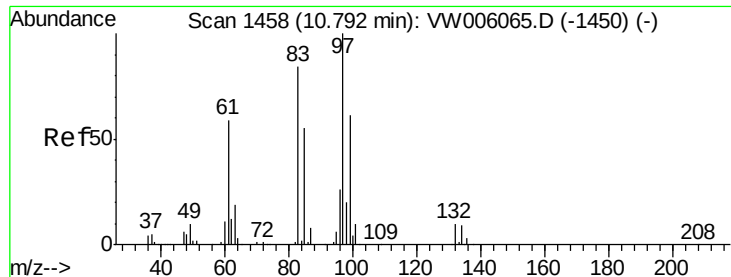
Ion Ratio Lower Upper

75 100

77 31.5 25.2 37.8

39 49.9 39.9 59.9





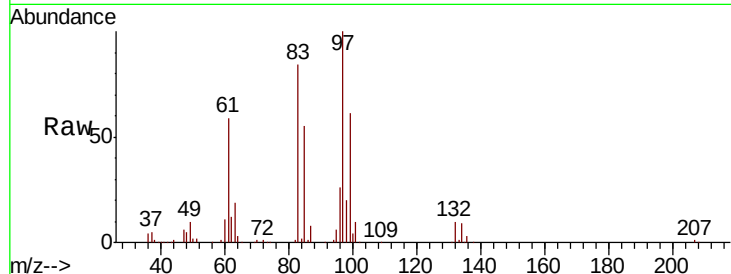
#55
 1,1,2-Trichloroethane
 Concen: 46.668 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW006065.D
 Acq: 15 Oct 2018 18:20

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion:	97	Resp:	95224
Ion	Ratio	Lower	Upper
97	100		
83	84.0	67.2	100.8
85	54.6	43.7	65.5
99	60.6	48.5	72.7

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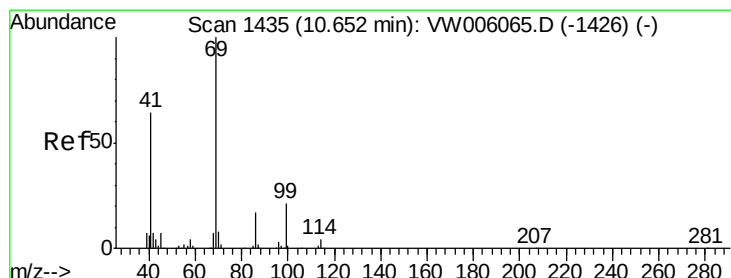
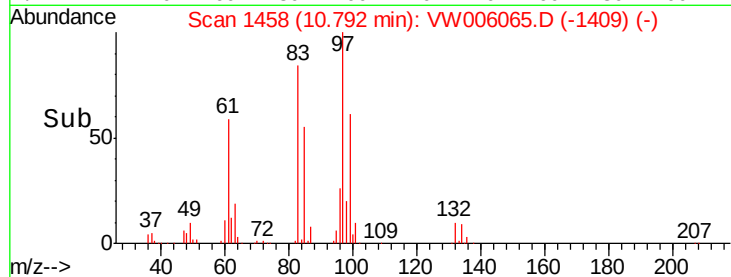
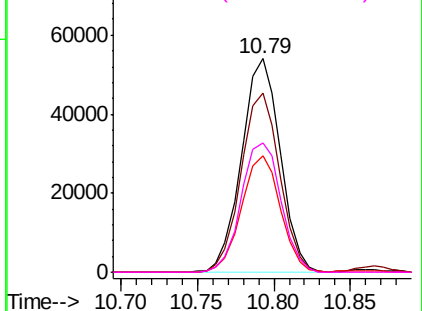
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 43.192 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: VW006065.D
 Acq: 15 Oct 2018 18:20

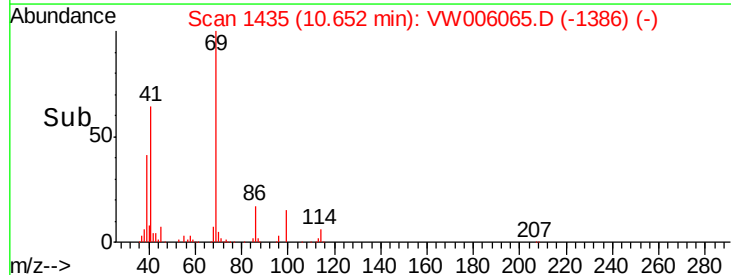
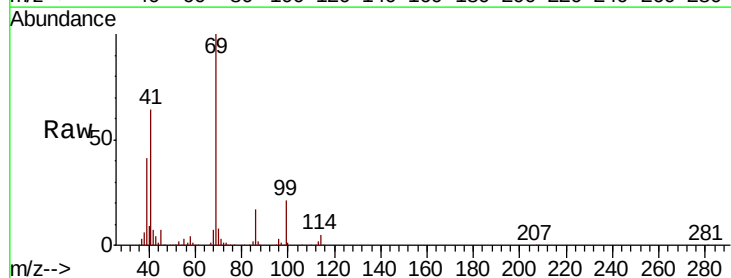
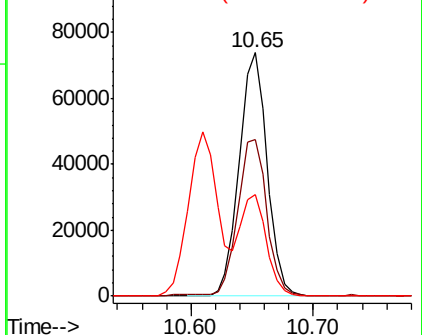
Tgt Ion:	69	Resp:	117099
Ion	Ratio	Lower	Upper
69	100		
41	66.0	52.8	79.2
39	38.2	30.6	45.8

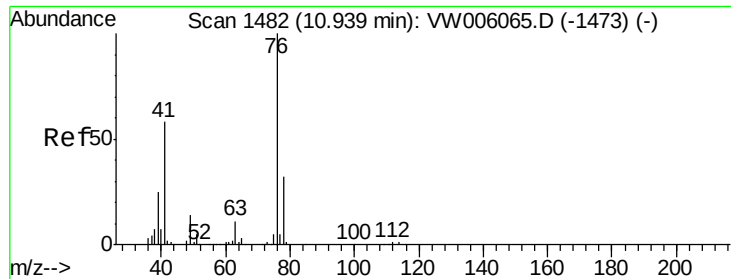
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





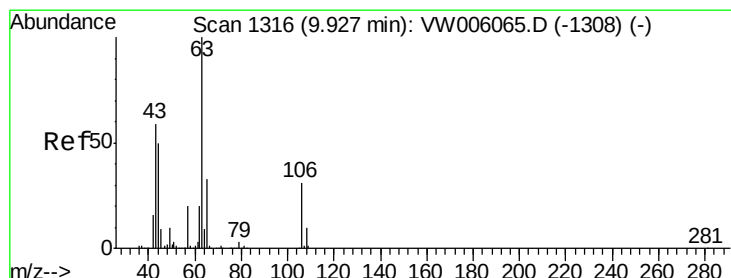
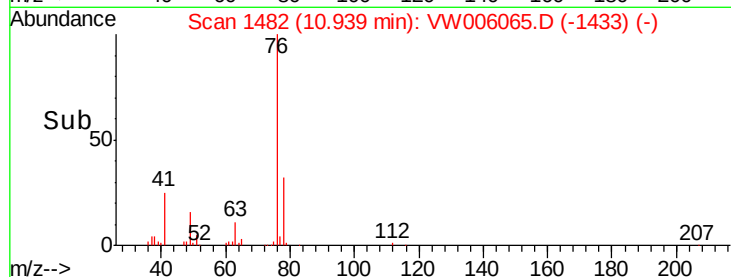
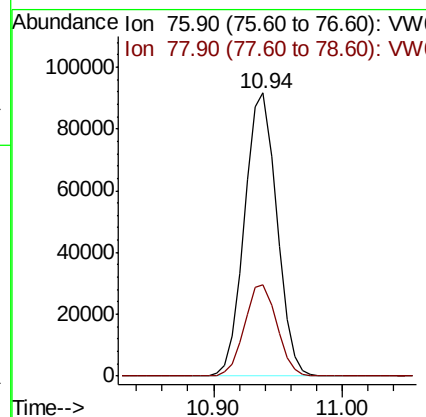
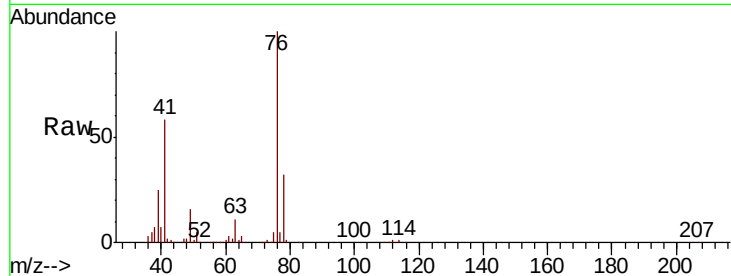
#57
 1,3-Dichloropropane
 Concen: 46.260 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. 0.00 min
 Lab File: VW006065.D
 Acq: 15 Oct 2018 18:20

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.9	38.9

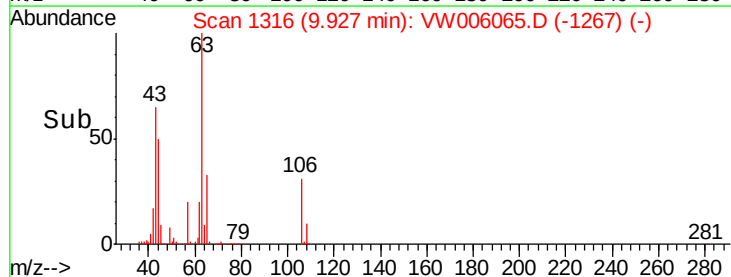
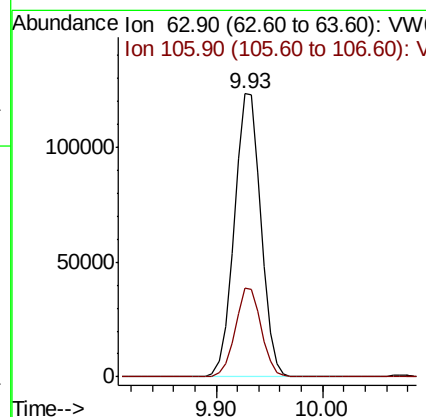
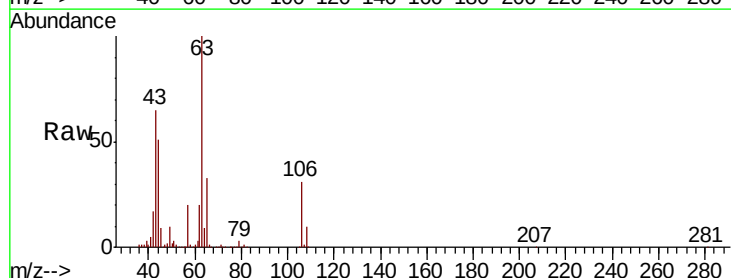
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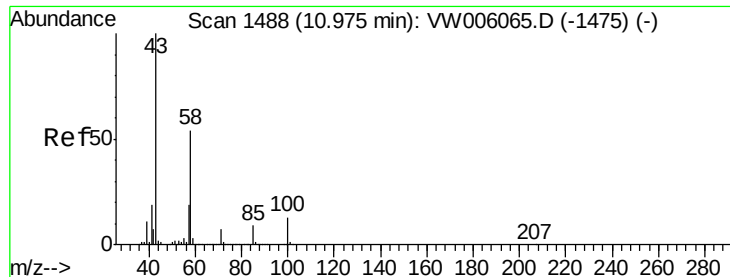
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#58
 2-Chloroethyl Vinyl ether
 Concen: 197.475 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW006065.D
 Acq: 15 Oct 2018 18:20

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.6	24.5	36.7





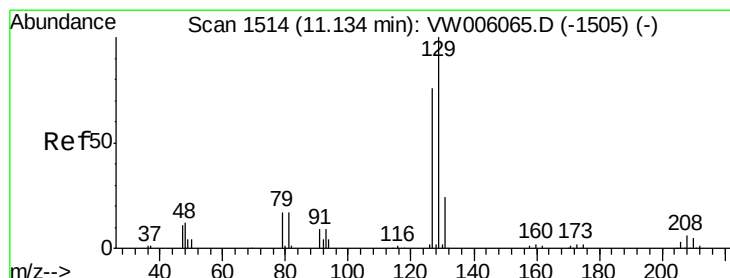
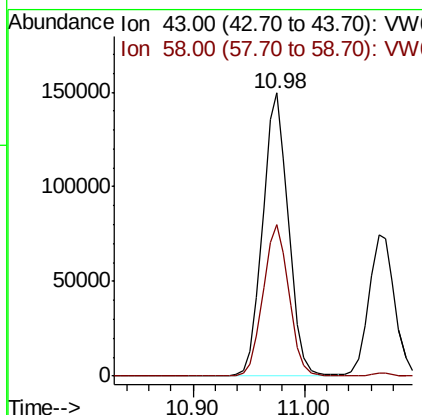
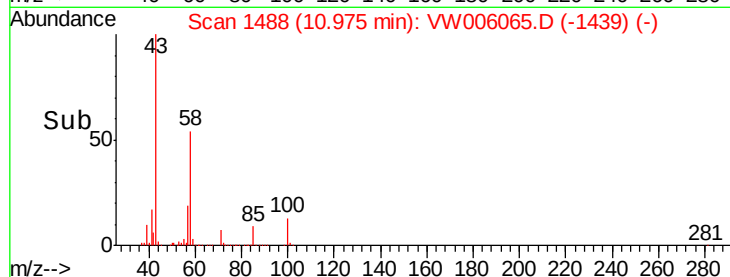
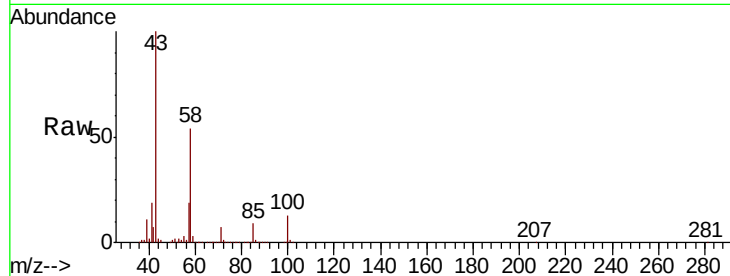
#59
2-Hexanone
Concen: 204.984 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW006065.D
Acq: 15 Oct 2018 18:20

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 241080
Ion Ratio Lower Upper
43 100
58 53.7 26.9 80.6

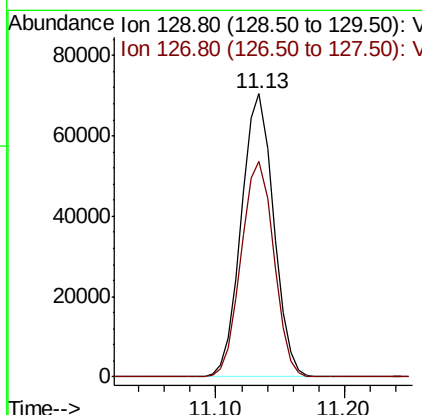
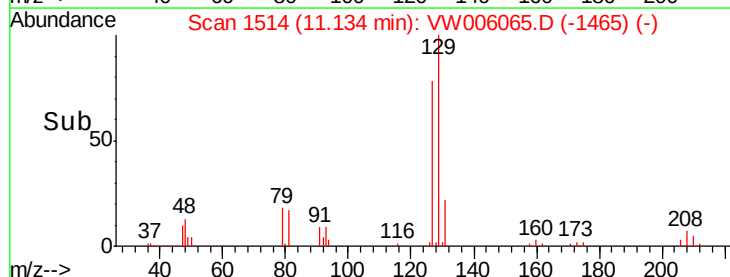
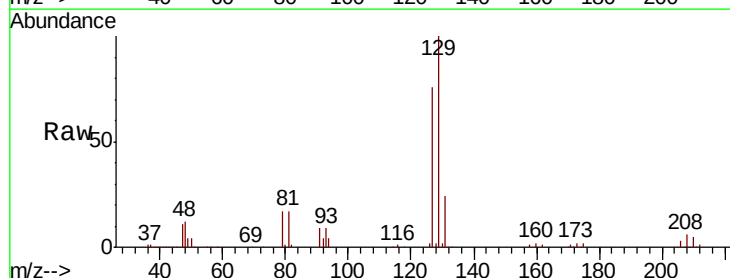
Manual Integrations
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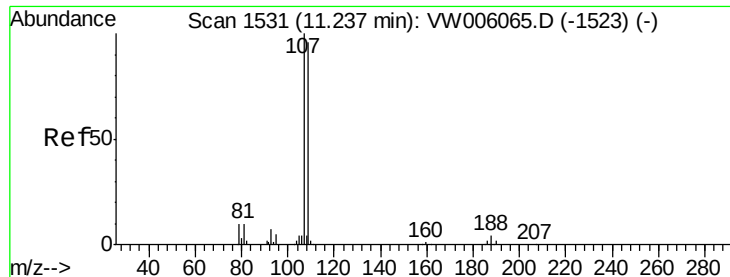
apatel
10/16/2018 10:33:57 AM



#60
Dibromochloromethane
Concen: 46.566 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW006065.D
Acq: 15 Oct 2018 18:20

Tgt Ion: 129 Resp: 122127
Ion Ratio Lower Upper
129 100
127 77.1 38.6 115.7





#61

1,2-Dibromoethane

Concen: 47.339 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW006065.D

Acq: 15 Oct 2018 18:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 107 Resp: 96603

Ion Ratio Lower Upper

107 100

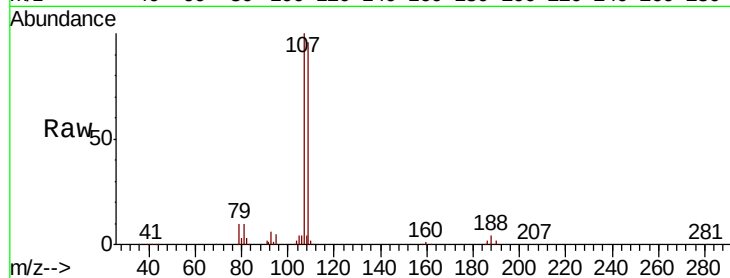
109 95.4 76.3 114.5

Manual Integrations

APPROVED

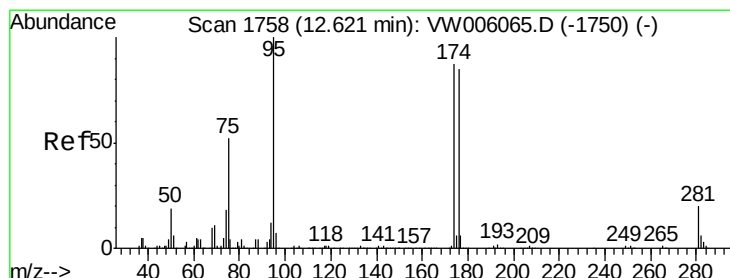
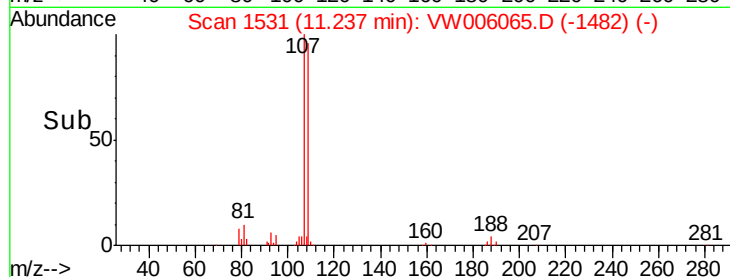
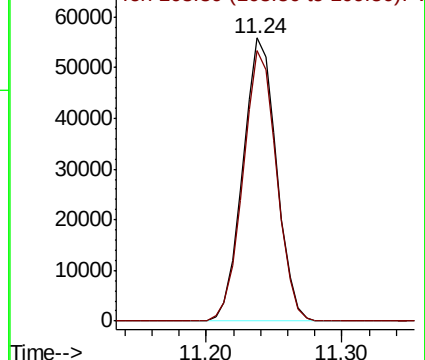
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.932 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006065.D

Acq: 15 Oct 2018 18:20

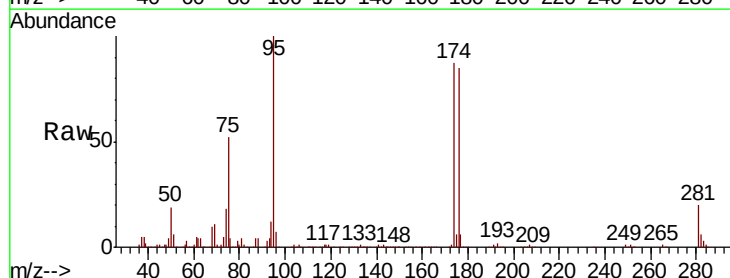
Tgt Ion: 95 Resp: 173812

Ion Ratio Lower Upper

95 100

174 93.0 0.0 186.0

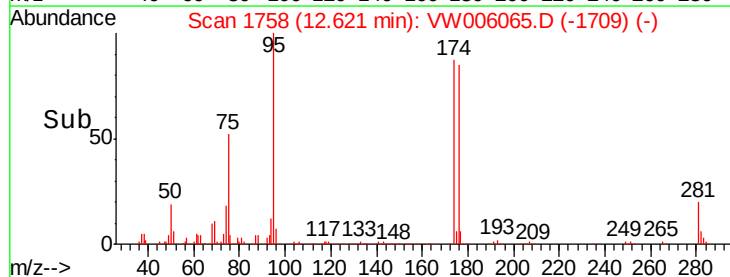
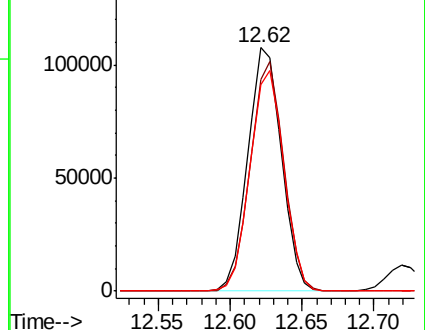
176 90.8 0.0 181.6

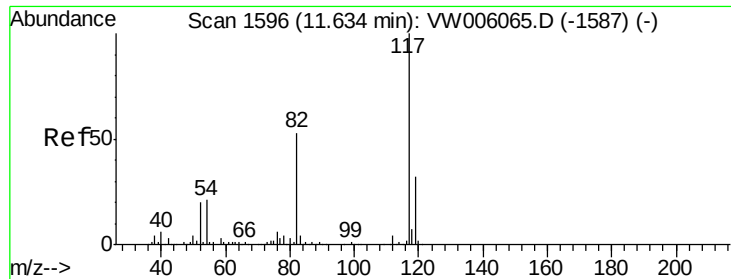


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





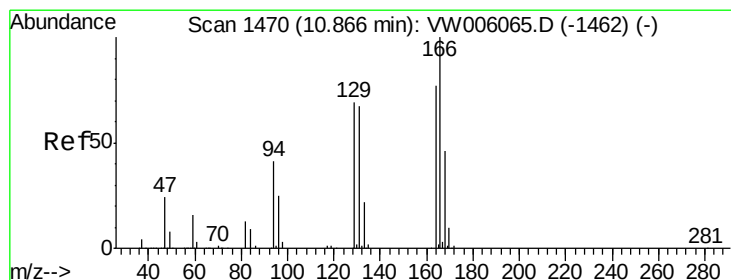
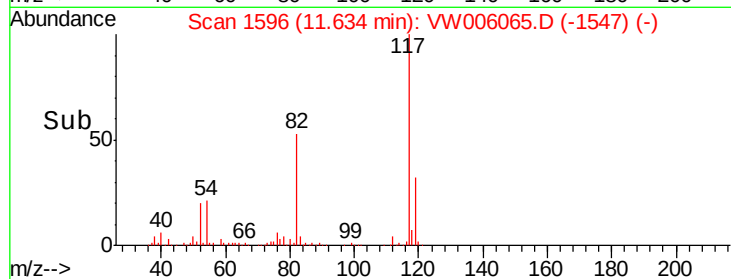
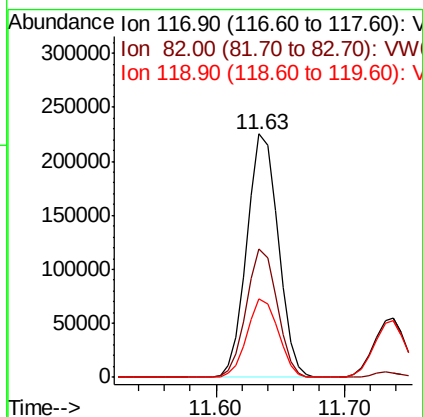
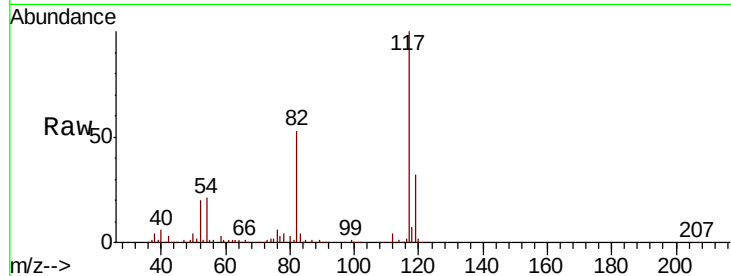
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006065.D
Acq: 15 Oct 2018 18:20

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.6	42.1	63.1
119	32.2	25.8	38.6

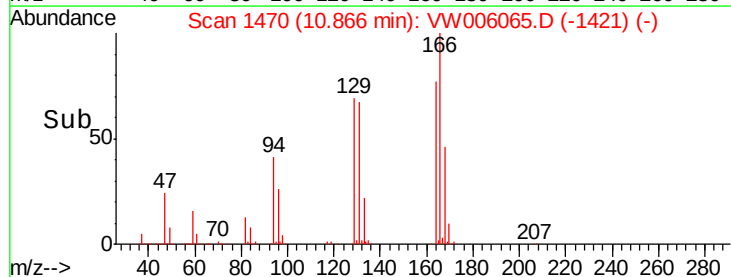
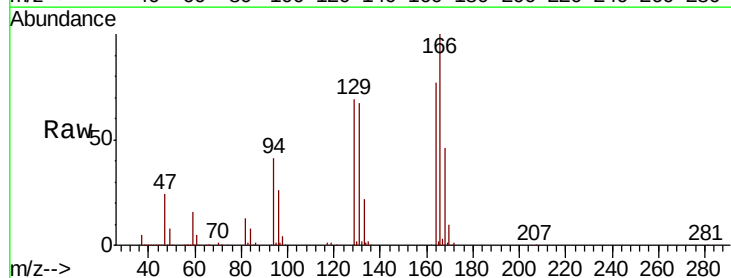
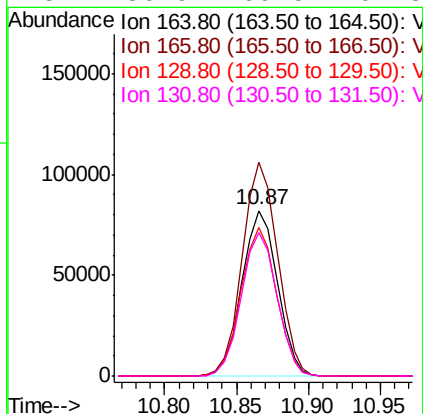
Manual Integrations
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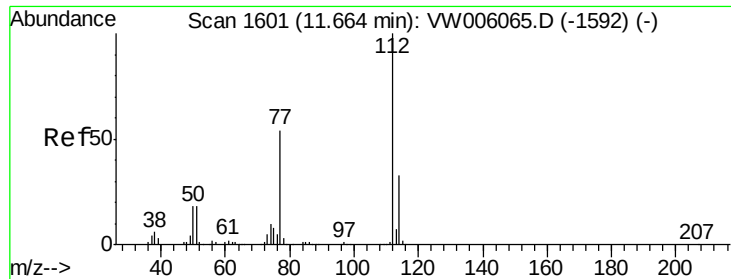
apatel
10/16/2018 10:33:57 AM



#64
Tetrachloroethene
Concen: 49.618 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006065.D
Acq: 15 Oct 2018 18:20

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.2	103.4	155.0
129	89.8	71.8	107.8
131	86.9	69.5	104.3





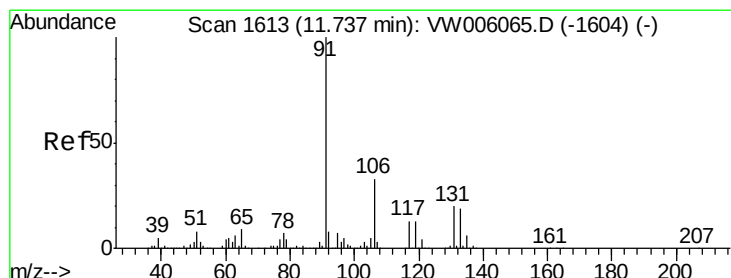
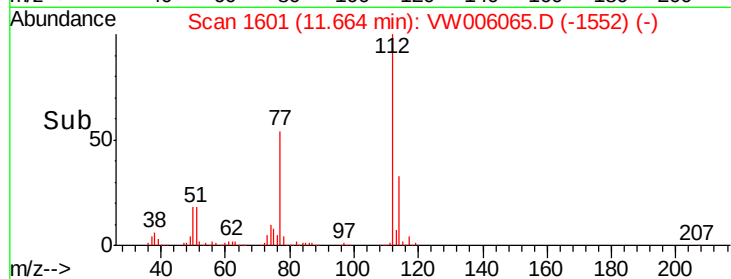
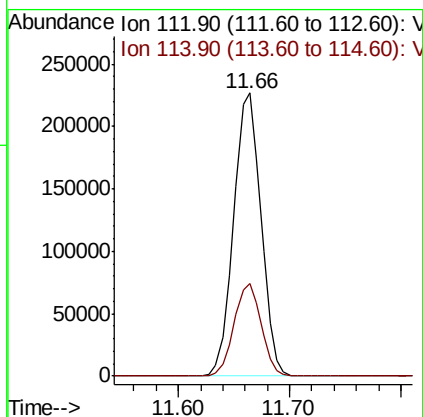
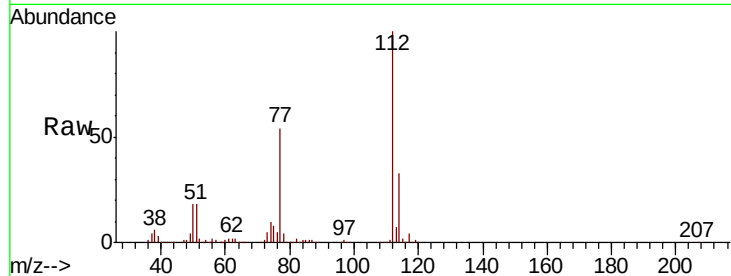
#65
Chlorobenzene
Concen: 47.893 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VW006065.D
Acq: 15 Oct 2018 18:20

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.7	26.2	39.2

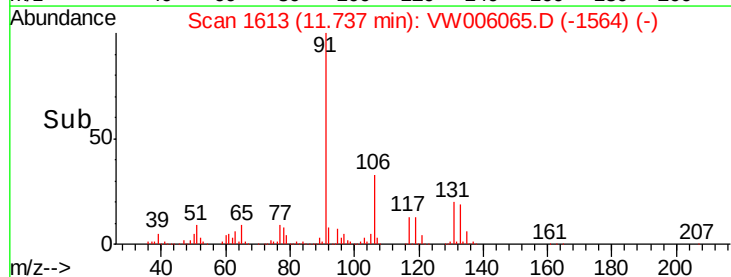
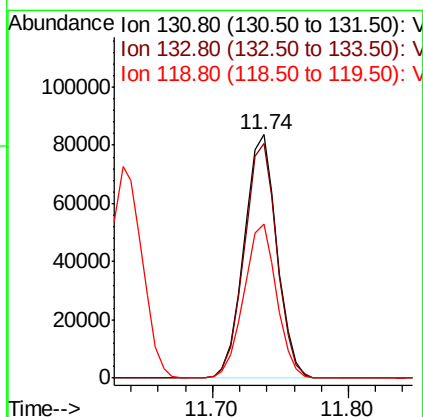
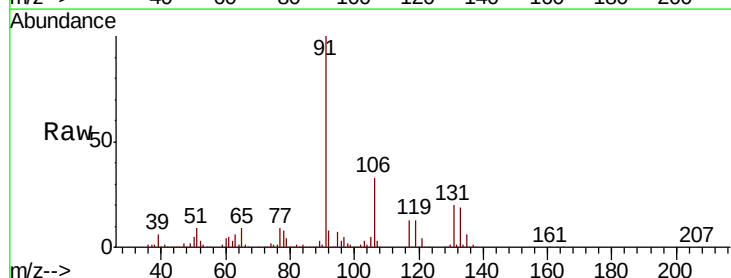
Manual Integrations
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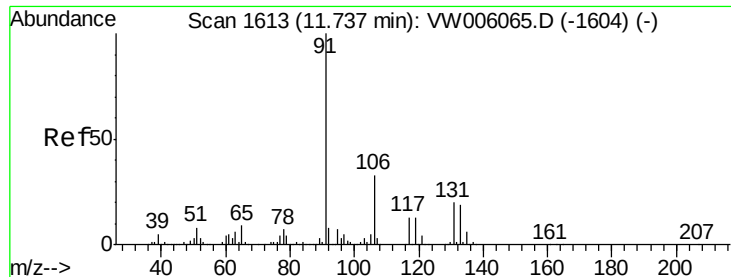
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 47.780 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006065.D
Acq: 15 Oct 2018 18:20

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.2	48.1	144.3
119	63.1	31.6	94.7





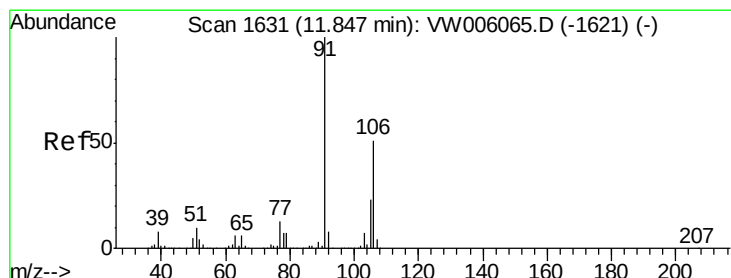
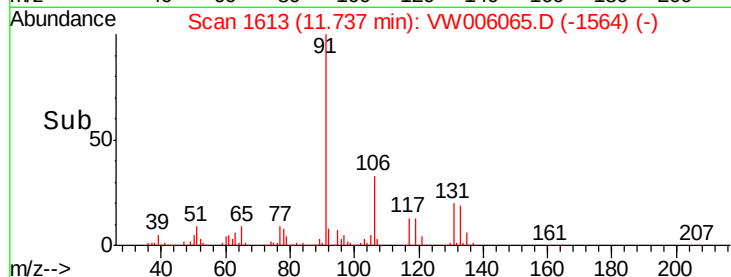
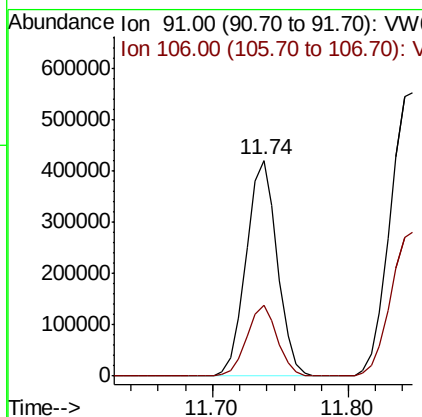
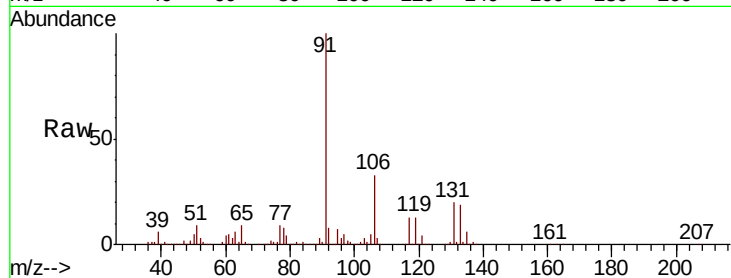
#67
Ethyl Benzene
Concen: 47.595 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006065.D
Acq: 15 Oct 2018 18:20

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion: 91 Resp: 674149
Ion Ratio Lower Upper
91 100
106 32.6 26.1 39.1

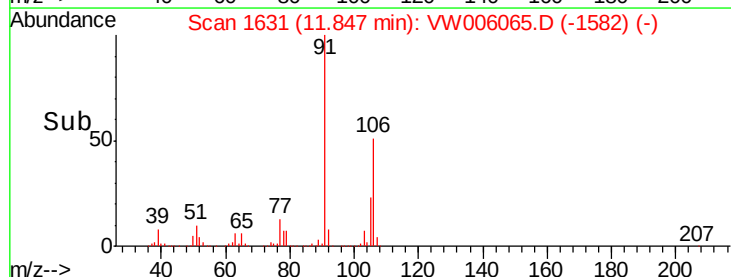
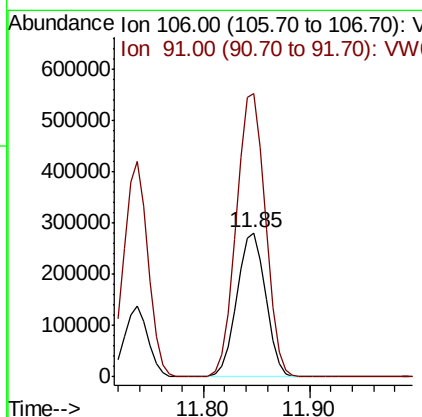
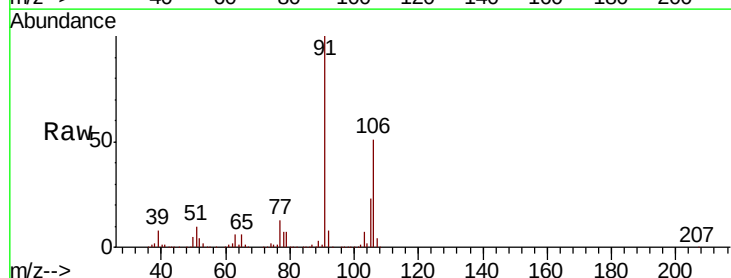
Manual Integrations
APPROVED

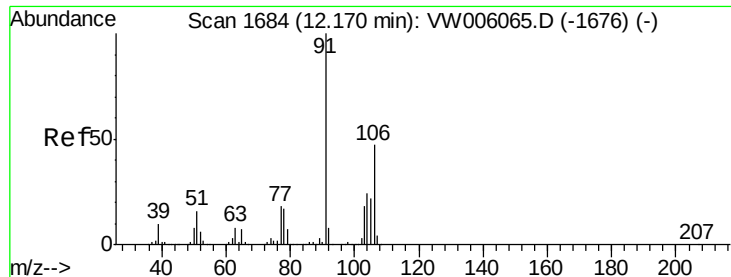
apatel
10/16/2018 10:33:57 AM



#68
m/p-Xylenes
Concen: 96.473 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VW006065.D
Acq: 15 Oct 2018 18:20

Tgt Ion: 106 Resp: 535581
Ion Ratio Lower Upper
106 100
91 198.9 159.1 238.7





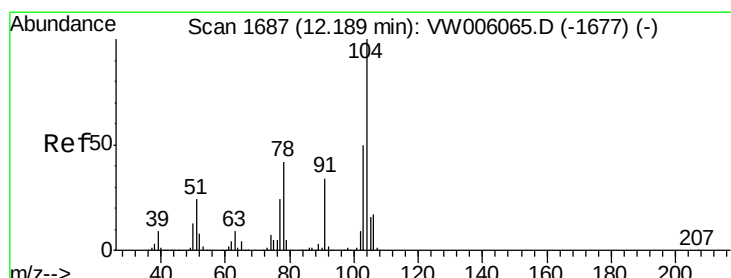
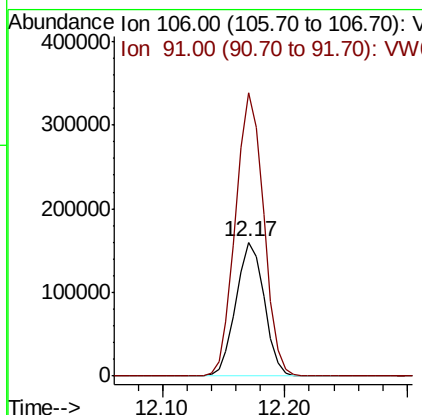
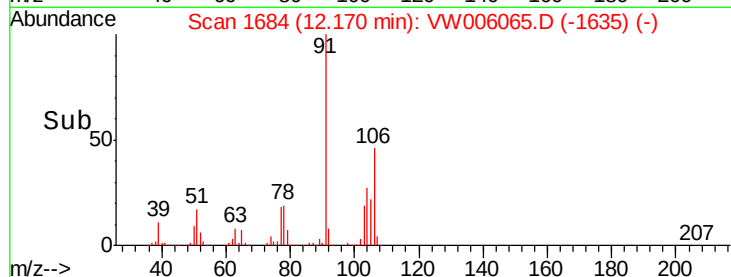
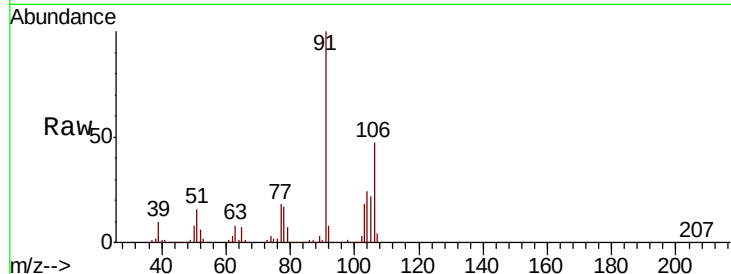
#69
o-Xylene
Concen: 48.098 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006065.D
Acq: 15 Oct 2018 18:20

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	255865		
91	91	210.7	105.4	316.1	

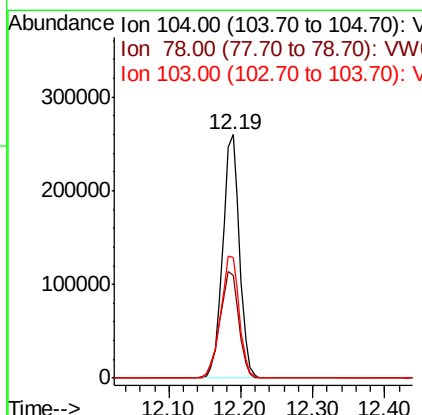
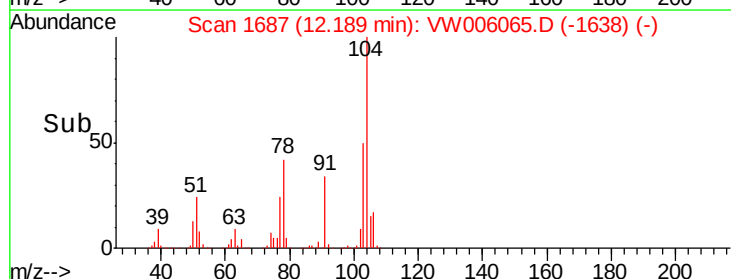
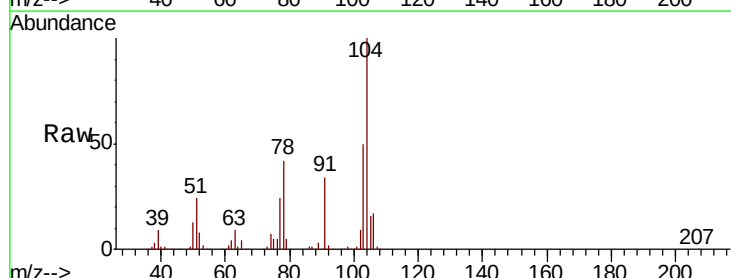
Manual Integrations
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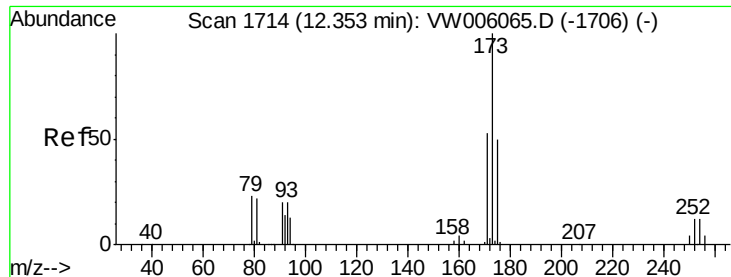
apatel
10/16/2018 10:33:57 AM



#70
Styrene
Concen: 47.685 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VW006065.D
Acq: 15 Oct 2018 18:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	420043		
78	78	48.9	39.1	58.7	
103	103	55.4	44.3	66.5	





#71

Bromoform

Concen: 45.857 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW006065.D

Acq: 15 Oct 2018 18:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion:173 Resp: 80040

Ion Ratio Lower Upper

173 100

175 48.4 24.2 72.6

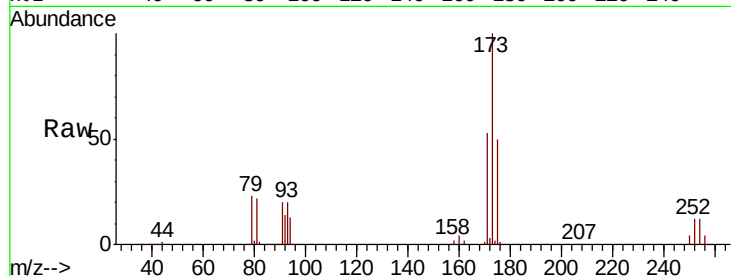
254 0.1 0.1 0.1#

Manual Integrations

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apatel

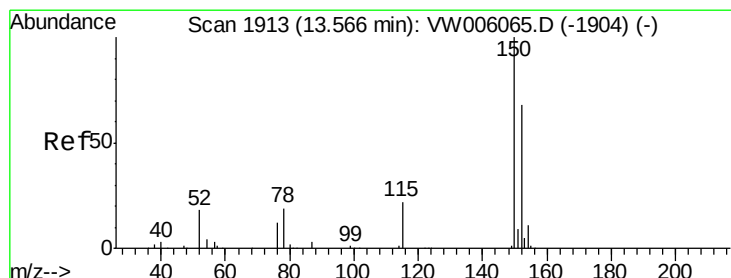
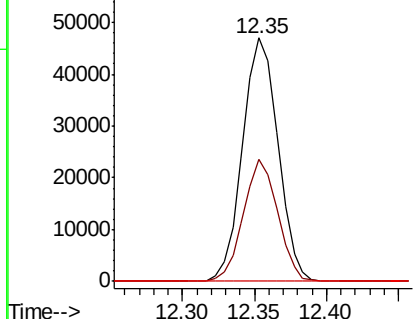
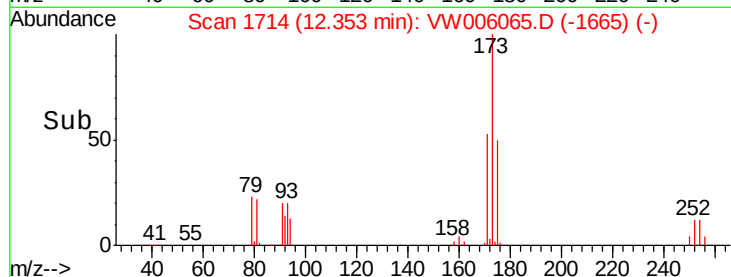
10/16/2018 10:33:57 AM



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: VW006065.D

Acq: 15 Oct 2018 18:20

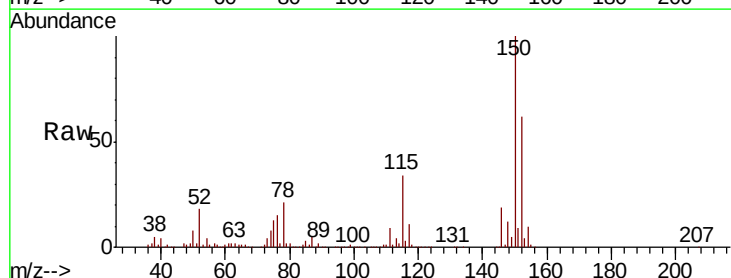
Tgt Ion:152 Resp: 214298

Ion Ratio Lower Upper

152 100

115 55.5 27.8 83.3

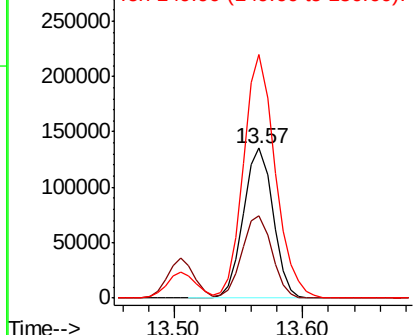
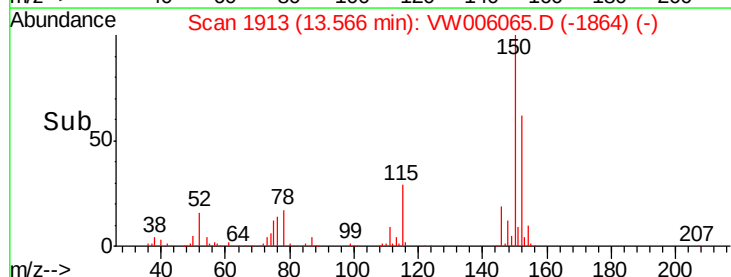
150 174.6 0.0 349.2

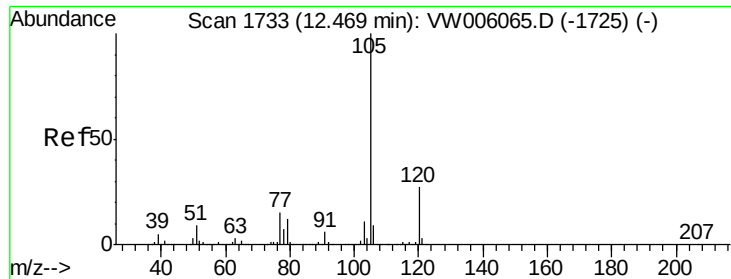


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





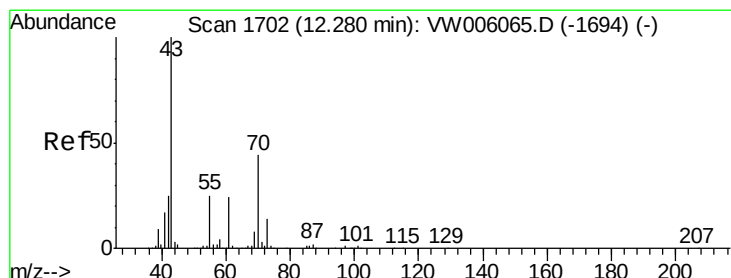
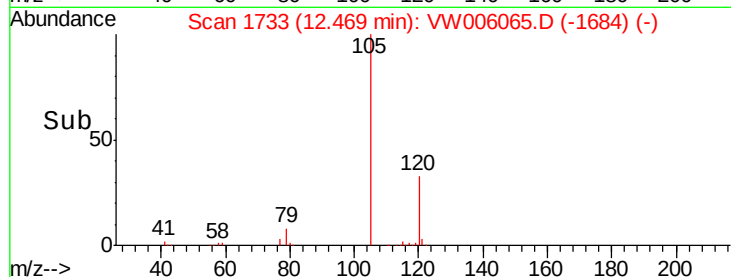
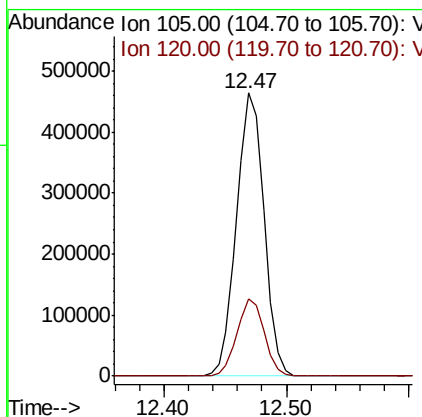
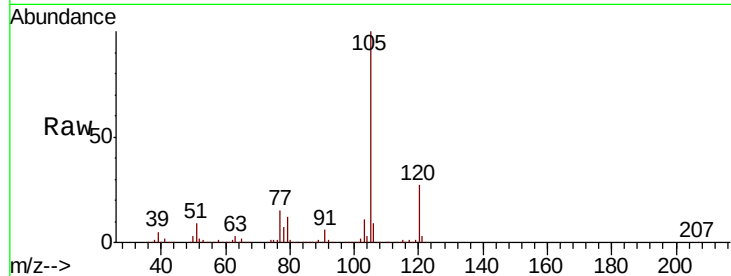
#73
Isopropylbenzene
Concen: 46.717 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW006065.D
Acq: 15 Oct 2018 18:20

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.1	13.6	40.7

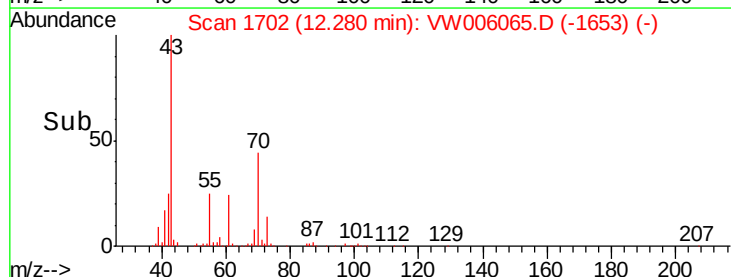
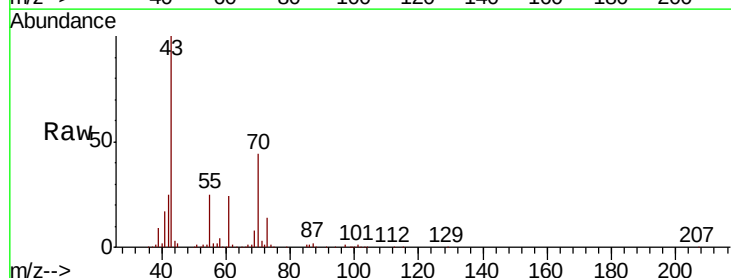
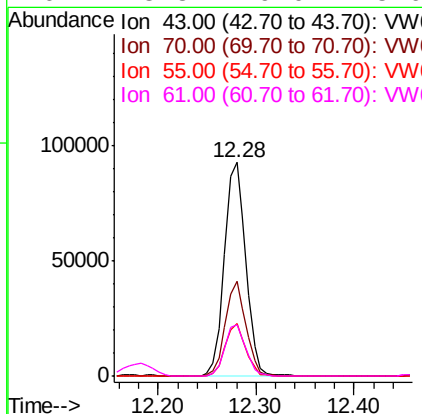
Manual Integrations
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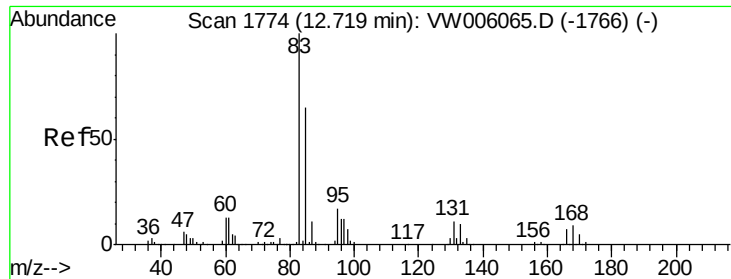
apatel
10/16/2018 10:33:57 AM



#74
N-ethyl acetate
Concen: 39.188 ug/l
RT: 12.28 min Scan# 1702
Delta R.T. 0.00 min
Lab File: VW006065.D
Acq: 15 Oct 2018 18:20

Tgt Ion	Ratio	Lower	Upper
43	100		
70	42.8	34.2	51.4
55	24.0	19.2	28.8
61	23.8	19.0	28.6





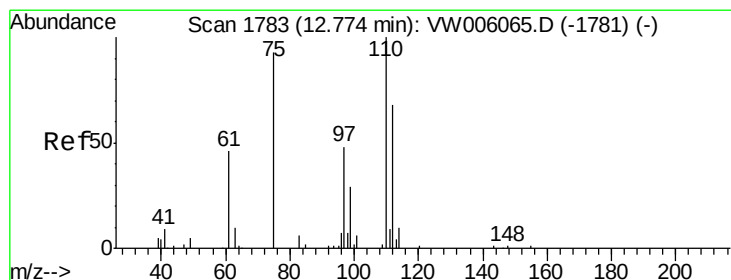
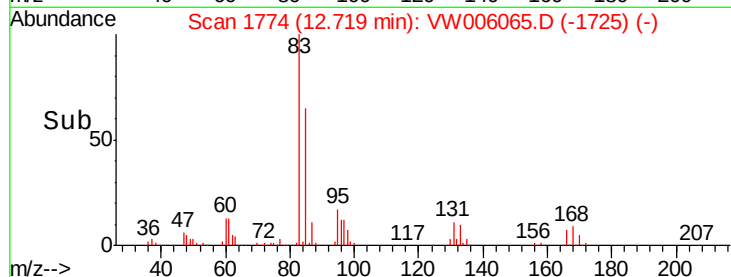
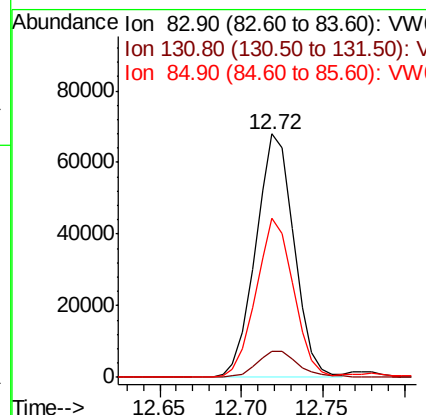
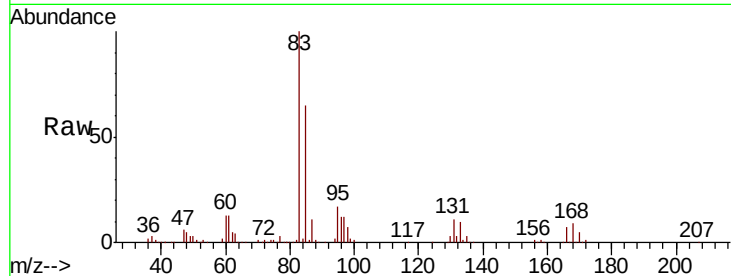
#75
 1,1,2,2-Tetrachloroethane
 Concen: 44.249 ug/l
 RT: 12.72 min Scan# 1774
 Delta R.T. 0.00 min
 Lab File: VW006065.D
 Acq: 15 Oct 2018 18:20

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
131	11.8	5.9	17.7	
85	63.9	31.9	95.9	

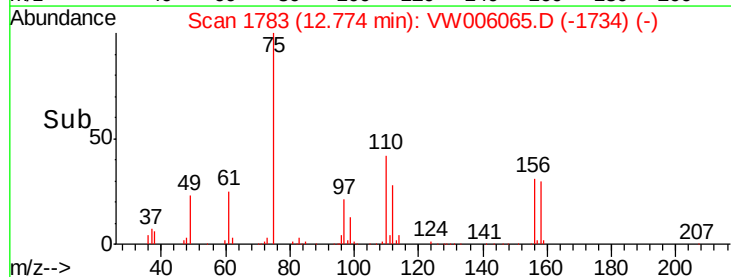
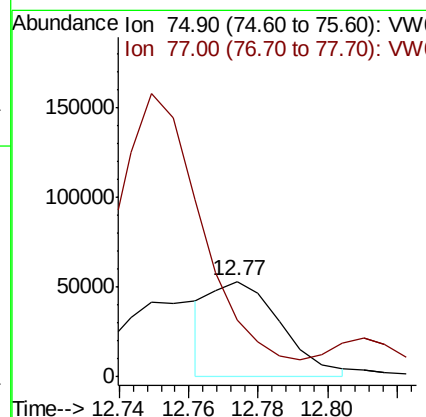
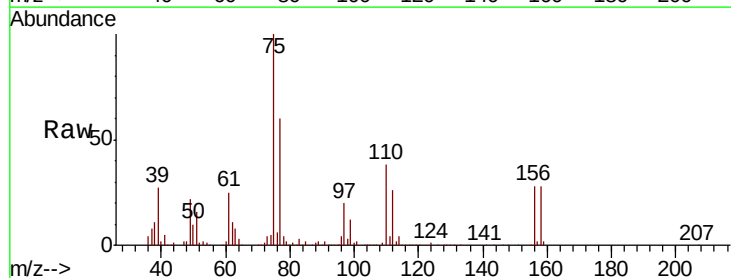
Manual Integrations
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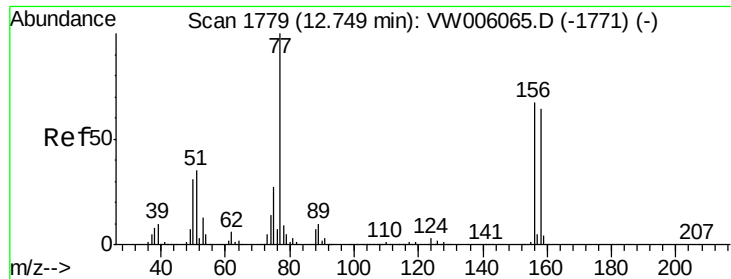
apatel
 10/16/2018 10:33:57 AM



#76
 1,2,3-Trichloropropane
 Concen: 40.728 ug/l m
 RT: 12.77 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VW006065.D
 Acq: 15 Oct 2018 18:20

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





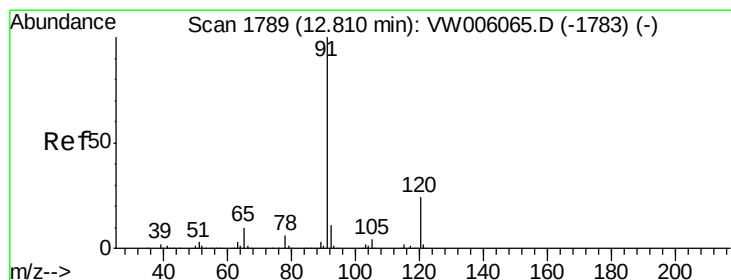
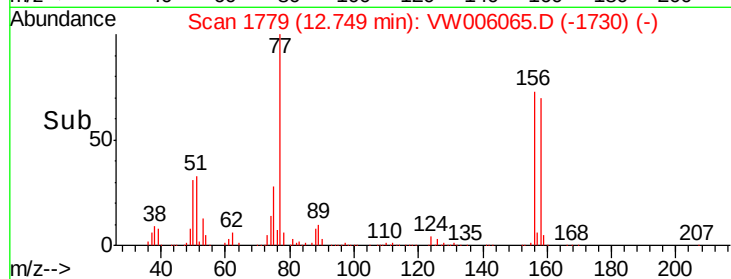
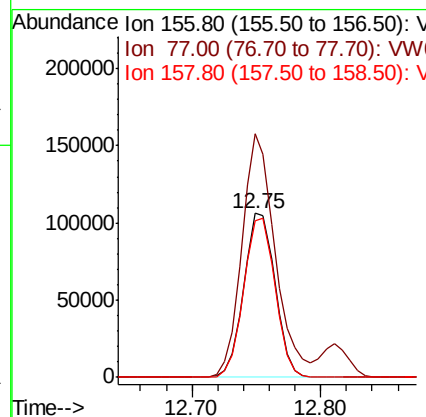
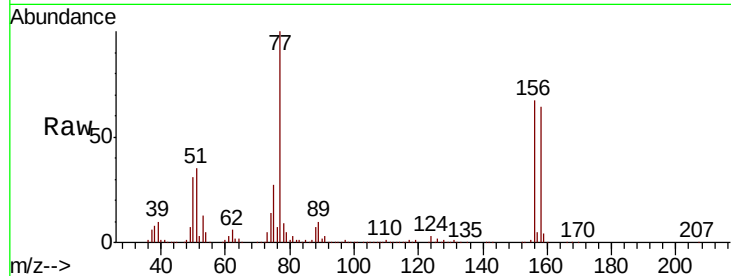
#77
Bromobenzene
Concen: 48.332 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VW006065.D
Acq: 15 Oct 2018 18:20

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	158.3	79.1	237.4
158	97.1	48.5	145.6

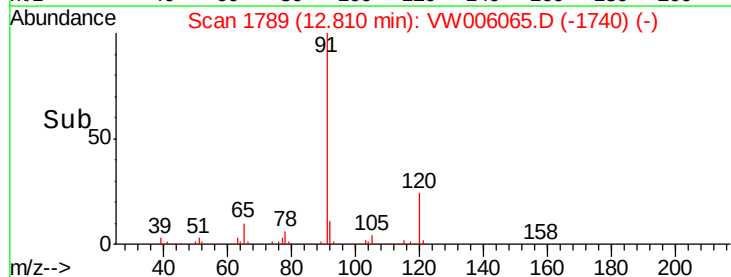
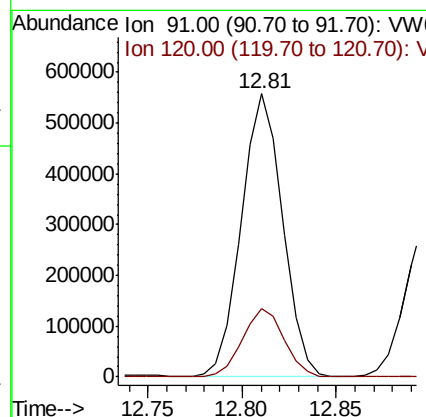
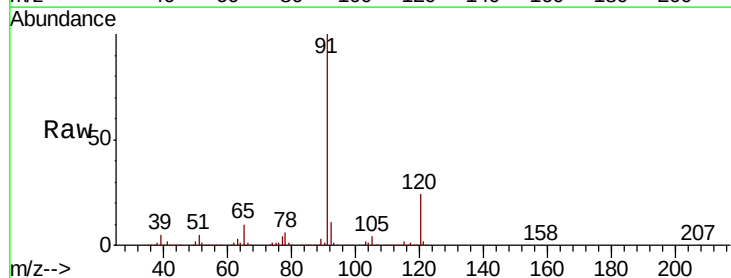
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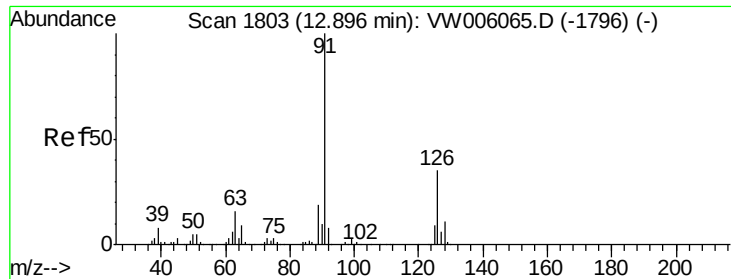
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#78
n-propylbenzene
Concen: 46.624 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VW006065.D
Acq: 15 Oct 2018 18:20

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.4	12.2	36.6





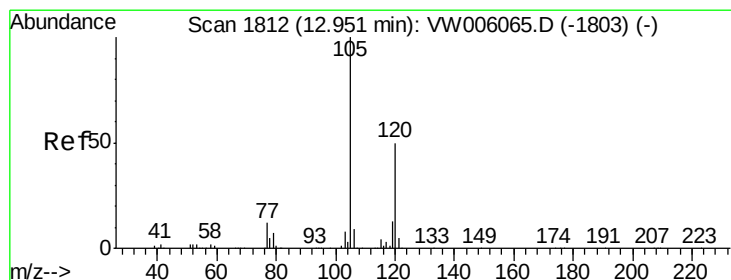
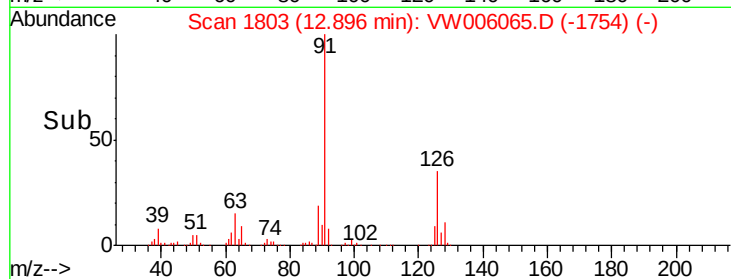
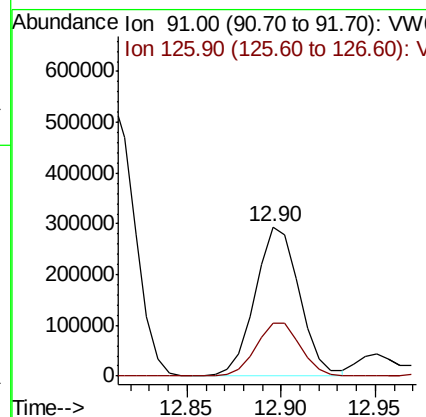
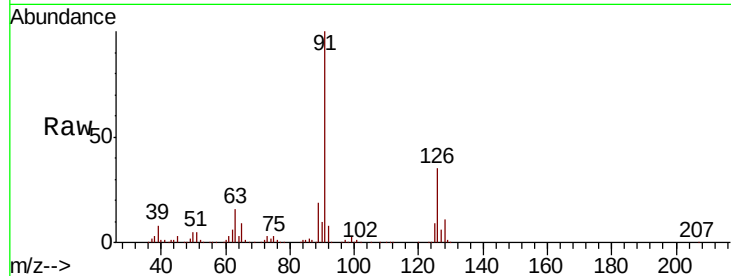
#79
 2-Chlorotoluene
 Concen: 46.665 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW006065.D
 Acq: 15 Oct 2018 18:20

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion: 91 Resp: 478918
 Ion Ratio Lower Upper
 91 100
 126 35.9 17.9 53.8

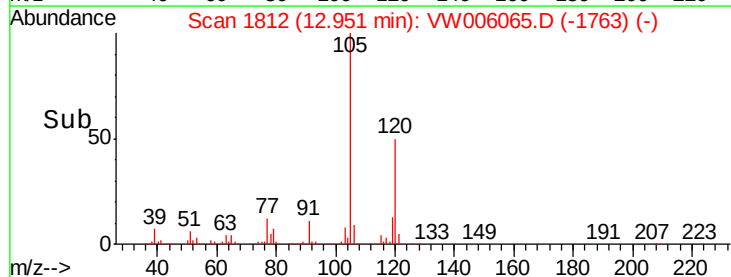
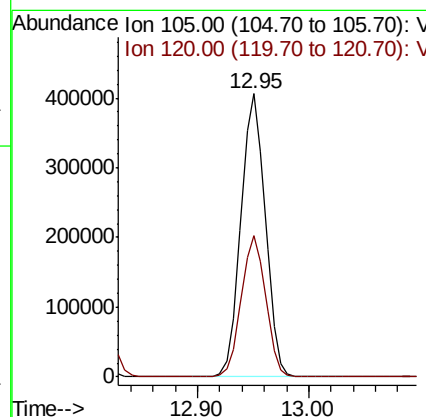
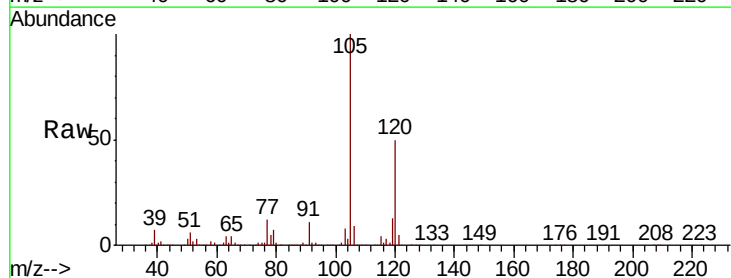
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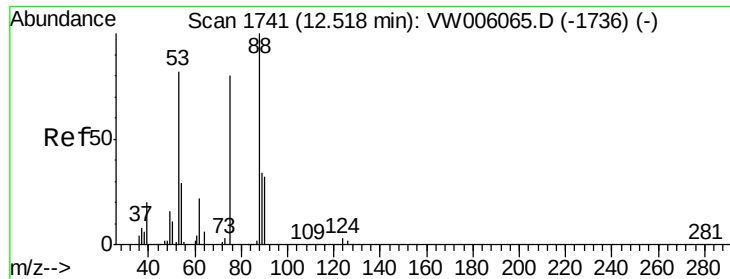
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#80
 1,3,5-Trimethylbenzene
 Concen: 47.235 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VW006065.D
 Acq: 15 Oct 2018 18:20

Tgt Ion: 105 Resp: 616943
 Ion Ratio Lower Upper
 105 100
 120 49.7 24.9 74.6





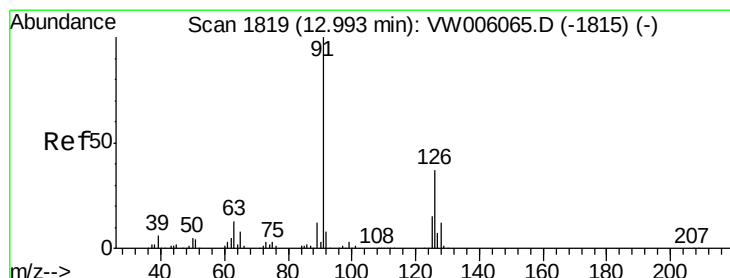
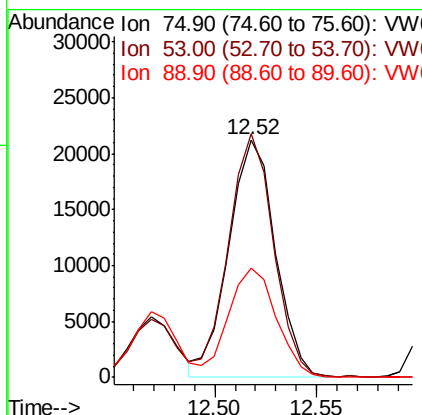
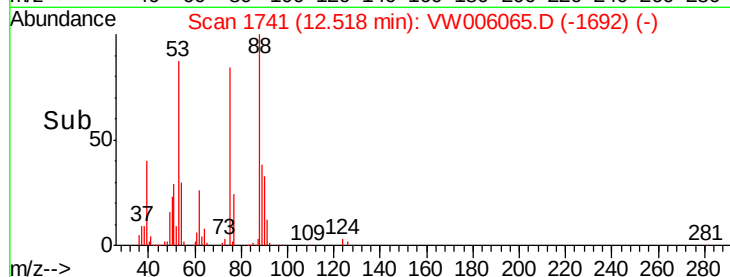
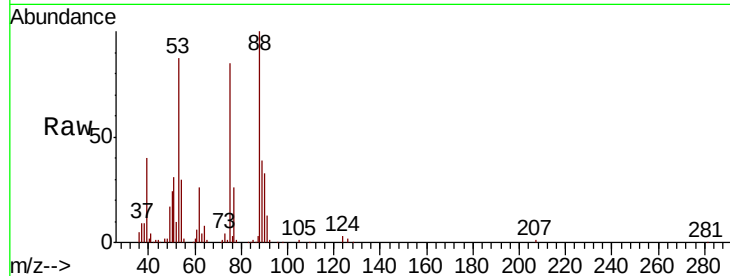
#81
trans-1,4-Dichloro-2-butene
Concen: 38.435 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW006065.D
Acq: 15 Oct 2018 18:20

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	99.7	79.8	119.6
89	46.9	37.5	56.3

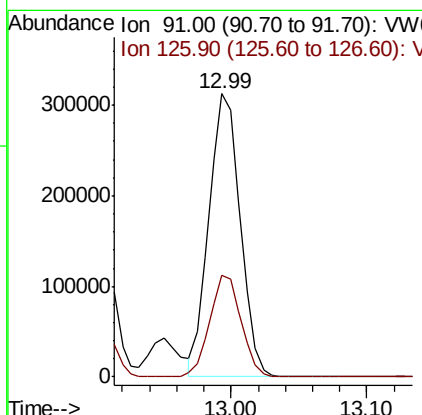
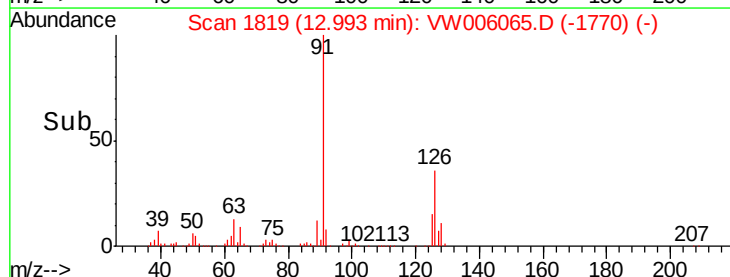
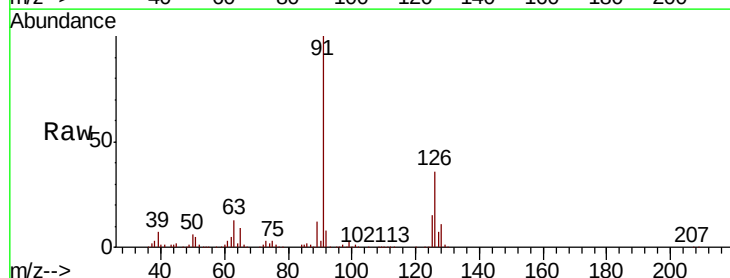
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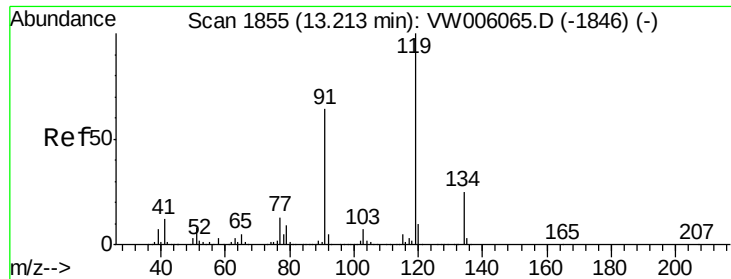
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#82
4-Chlorotoluene
Concen: 46.305 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW006065.D
Acq: 15 Oct 2018 18:20

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.2	18.1	54.3





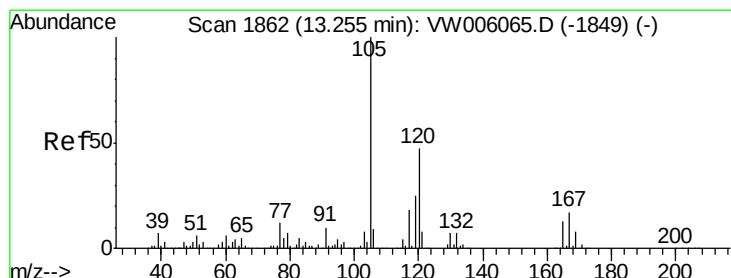
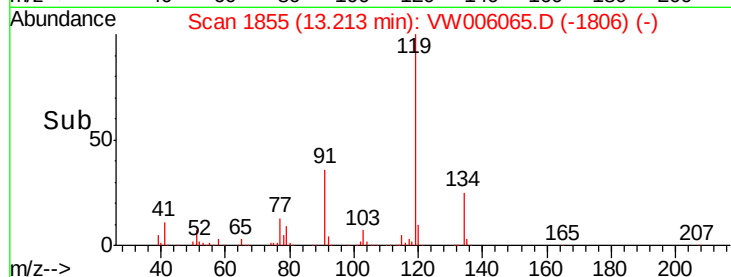
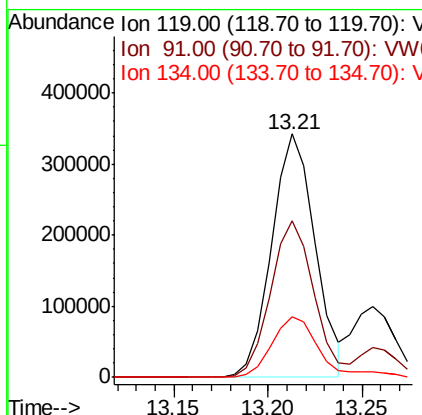
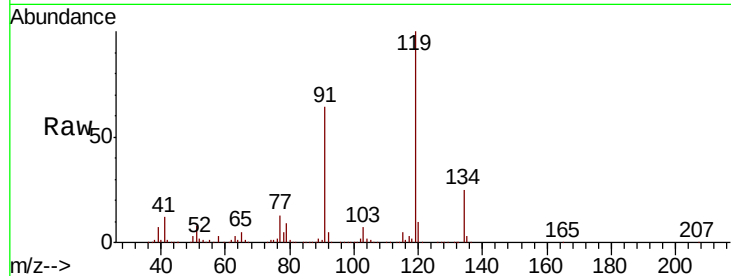
#83
tert-Butylbenzene
Concen: 47.205 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW006065.D
Acq: 15 Oct 2018 18:20

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.6	32.3	96.9
134	27.2	13.6	40.8

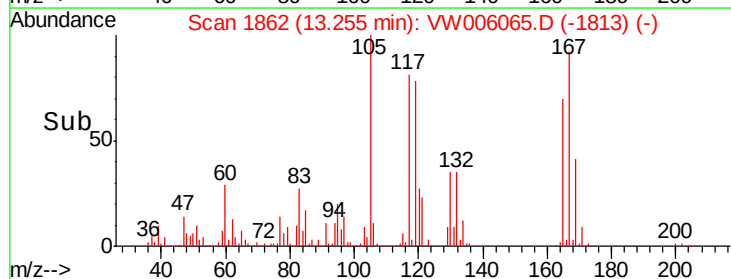
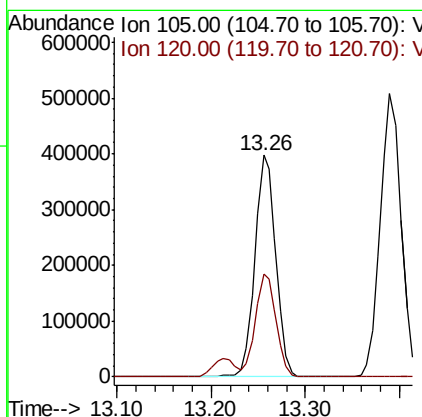
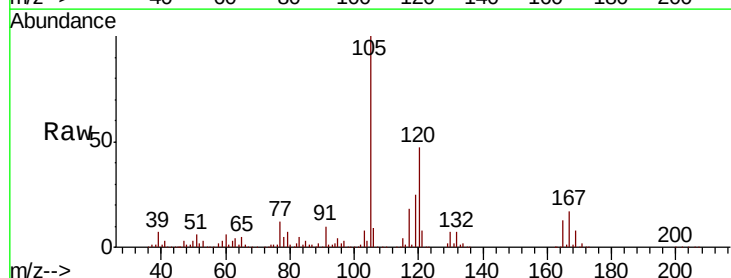
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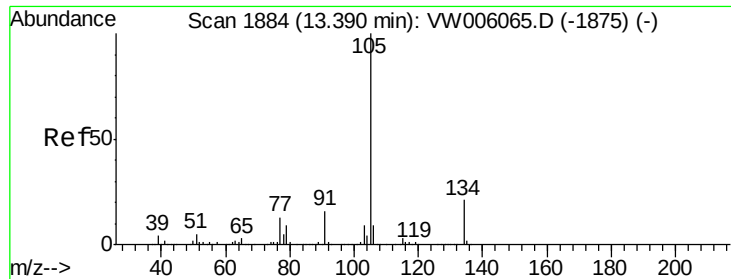
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#84
1,2,4-Trimethylbenzene
Concen: 47.298 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW006065.D
Acq: 15 Oct 2018 18:20

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.2	23.1	69.3





#85

sec-Butylbenzene

Concen: 47.803 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW006065.D

Acq: 15 Oct 2018 18:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 779183

Ion Ratio Lower Upper

105 100

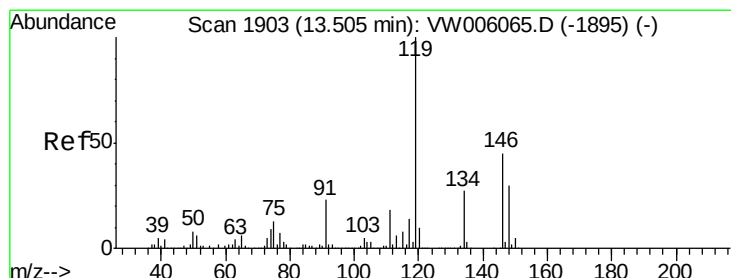
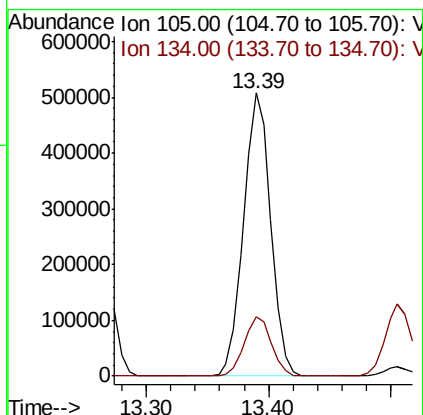
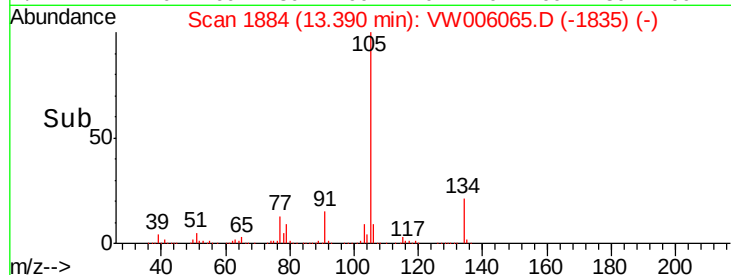
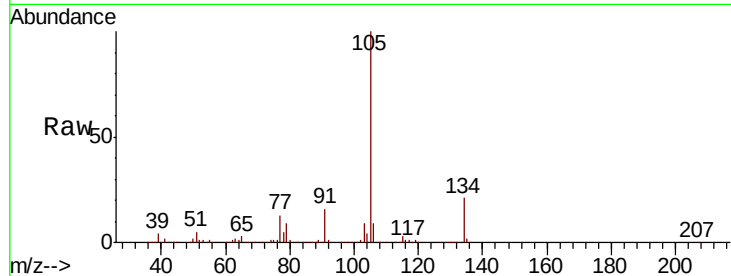
134 21.1 10.5 31.6

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#86

p-Isopropyltoluene

Concen: 48.430 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006065.D

Acq: 15 Oct 2018 18:20

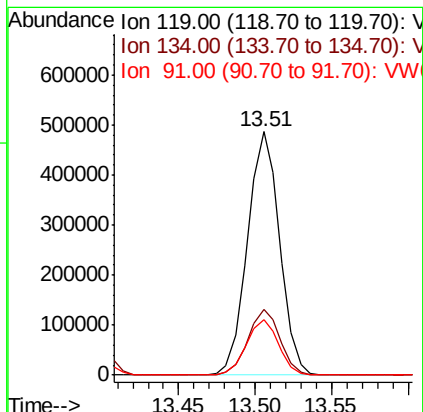
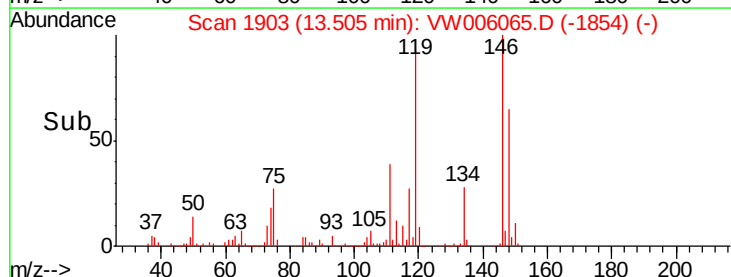
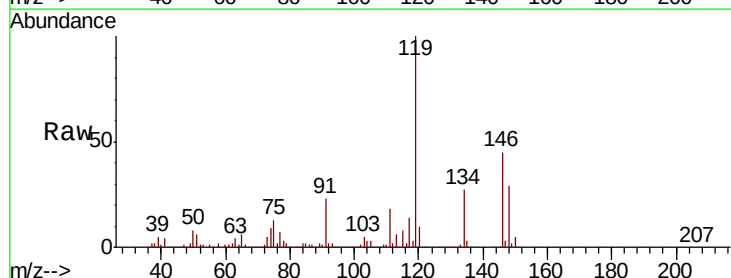
Tgt Ion:119 Resp: 710953

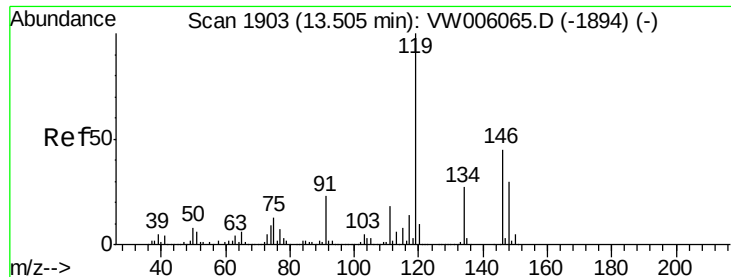
Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.2

91 22.7 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 48.327 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006065.D

Acq: 15 Oct 2018 18:20

Instrument :

MSVOA_W

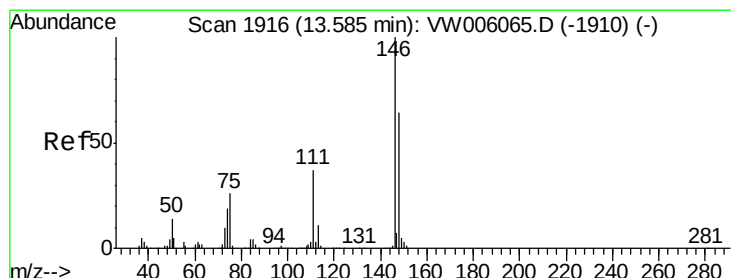
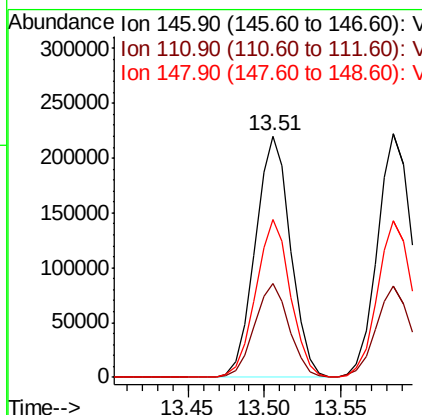
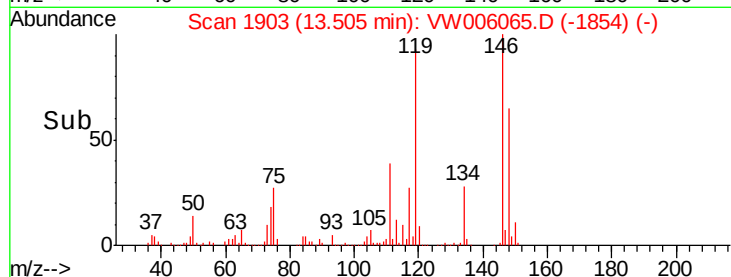
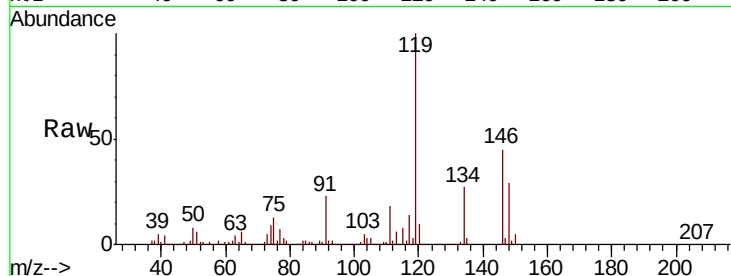
ClientSampleId :

VSTDICCC050

Tot Ion:	146	Resp:	353004
Ion Ratio	Lower	Upper	
146	100		
111	38.3	19.1	57.5
148	64.1	32.0	96.2

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#88

1,4-Dichlorobenzene

Concen: 48.282 ug/l

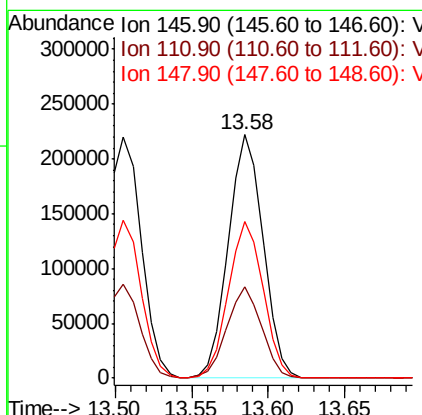
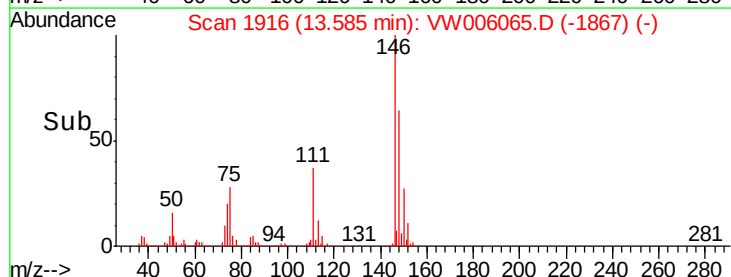
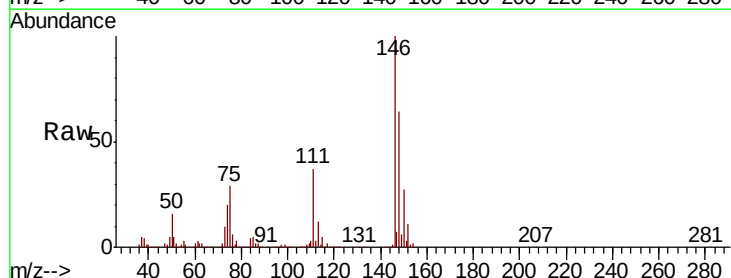
RT: 13.58 min Scan# 1916

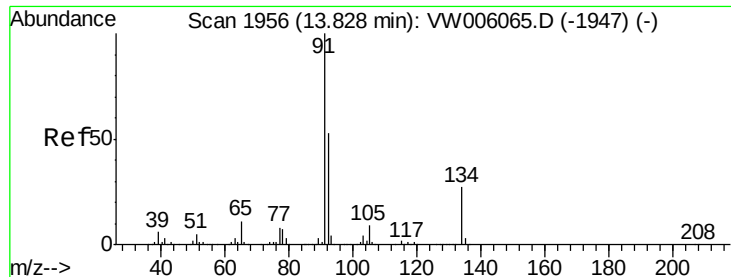
Delta R.T. 0.00 min

Lab File: VW006065.D

Acq: 15 Oct 2018 18:20

Tgt Ion:	146	Resp:	350420
Ion Ratio	Lower	Upper	
146	100		
111	37.3	18.6	56.0
148	64.3	32.1	96.5





#89

n-Butylbenzene

Concen: 46.717 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW006065.D

Acq: 15 Oct 2018 18:20

Instrument :

MSVOA_W

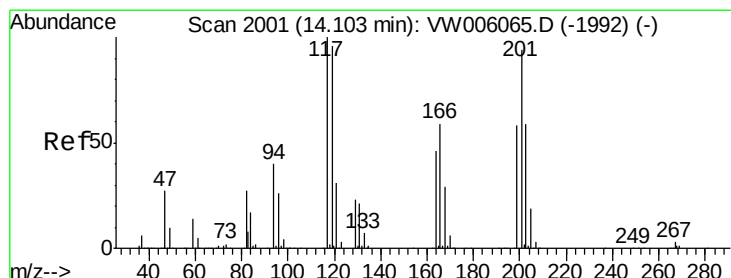
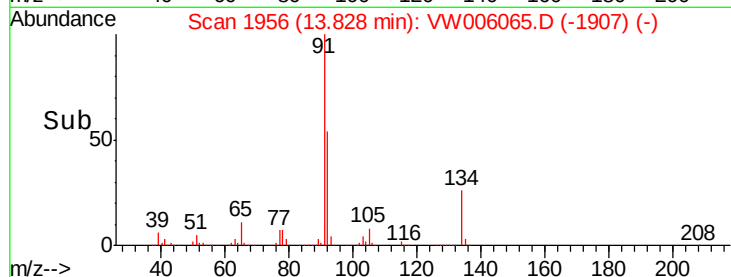
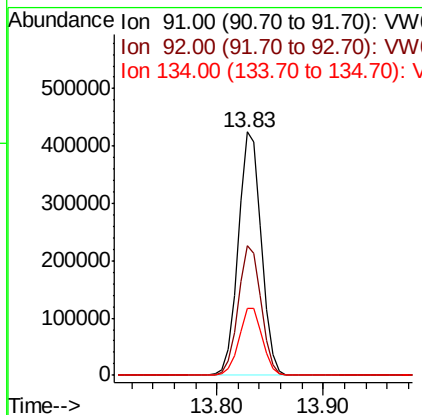
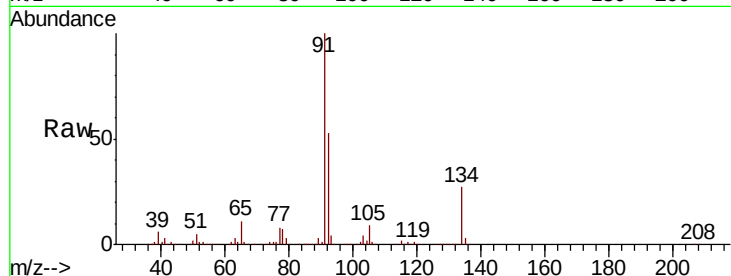
ClientSampleId :

VSTDICCC050

Tot Ion:	91	Resp:	642349
Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.6	79.7
134	27.9	14.0	41.9

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#90

Hexachloroethane

Concen: 45.392 ug/l

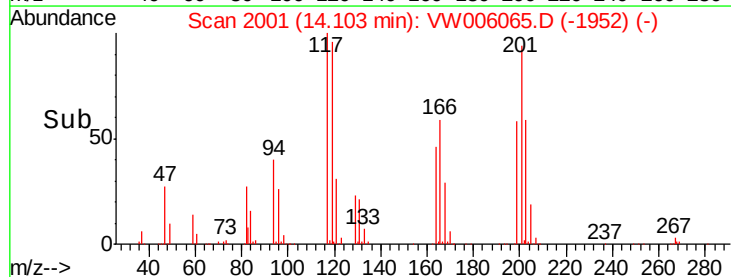
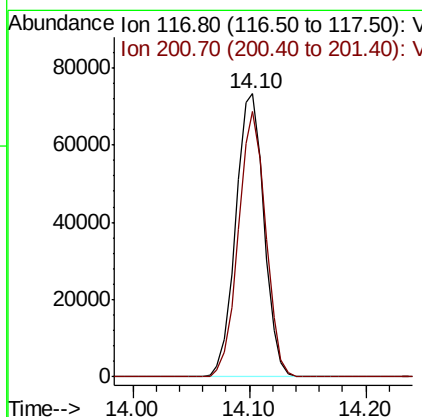
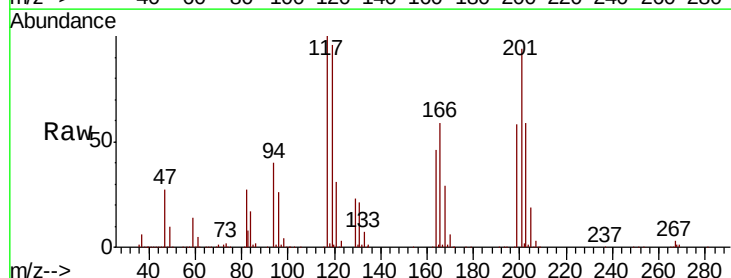
RT: 14.10 min Scan# 2001

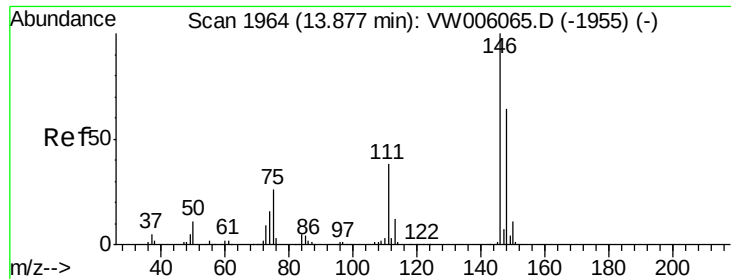
Delta R.T. 0.00 min

Lab File: VW006065.D

Acq: 15 Oct 2018 18:20

Tgt Ion:	117	Resp:	123967
Ion	Ratio	Lower	Upper
117	100		
201	90.6	45.3	135.9





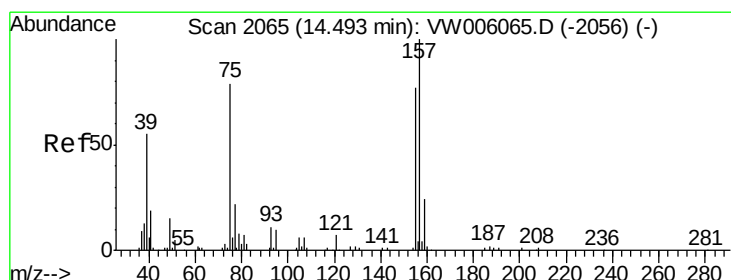
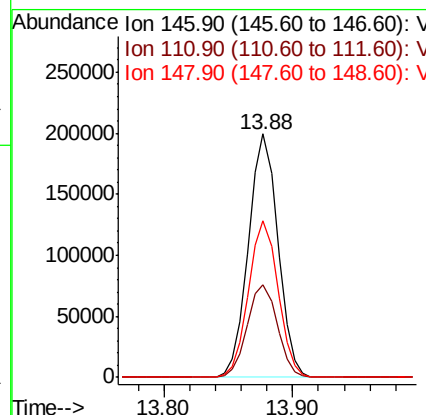
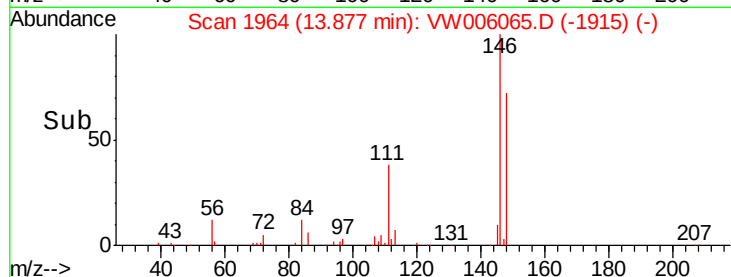
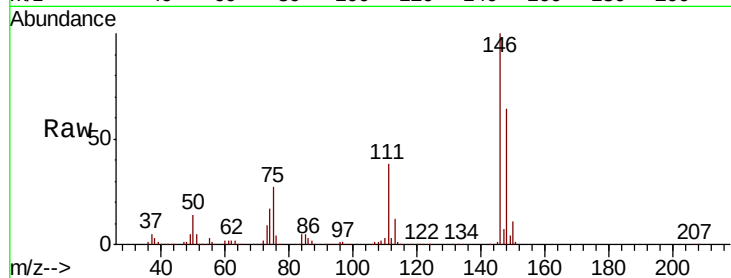
#91
 1,2-Dichlorobenzene
 Concen: 48.433 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW006065.D
 Acq: 15 Oct 2018 18:20

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.6	58.7
148	64.4	32.2	96.6

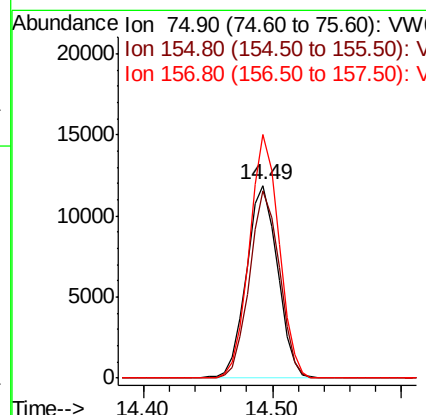
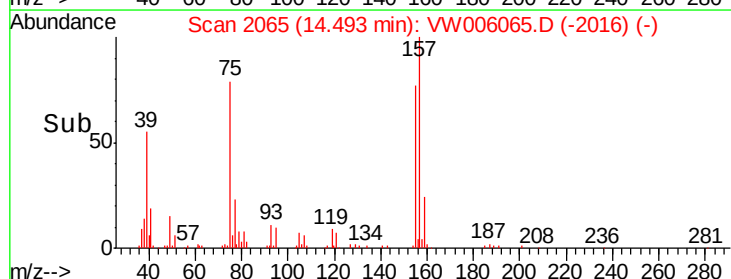
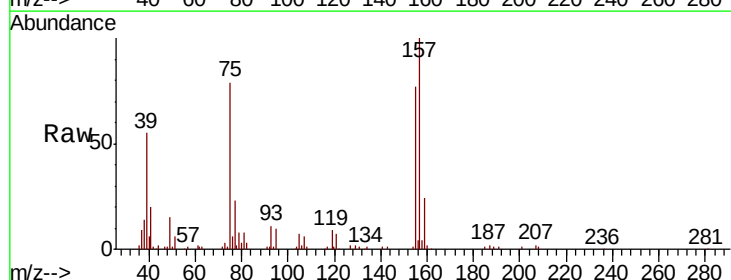
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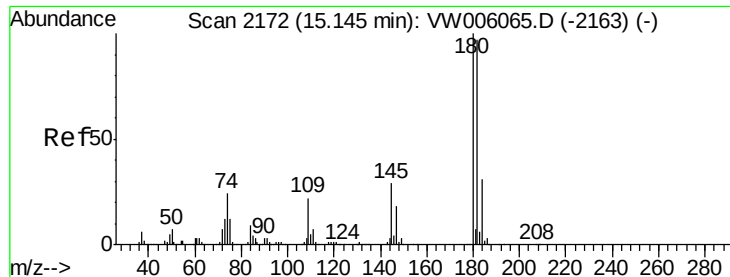
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 42.657 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW006065.D
 Acq: 15 Oct 2018 18:20

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.0	46.5	139.5
157	119.6	59.8	179.4





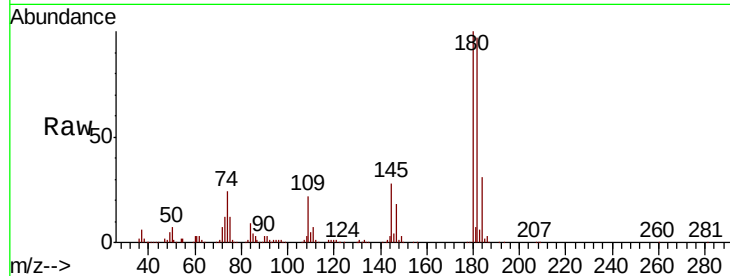
#93
 1,2,4-Trichlorobenzene
 Concen: 47.194 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. 0.00 min
 Lab File: VW006065.D
 Acq: 15 Oct 2018 18:20

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

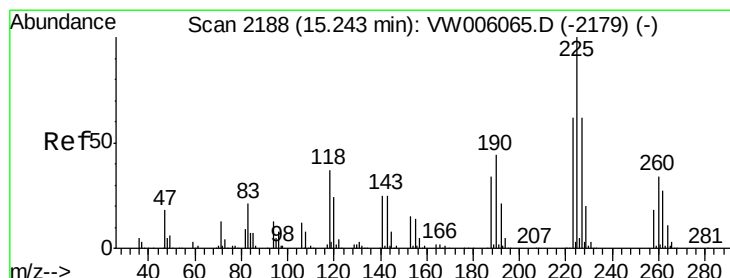
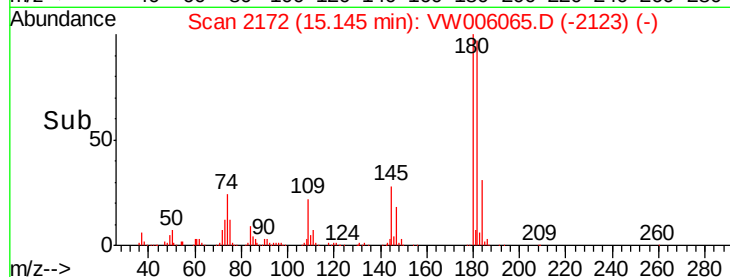
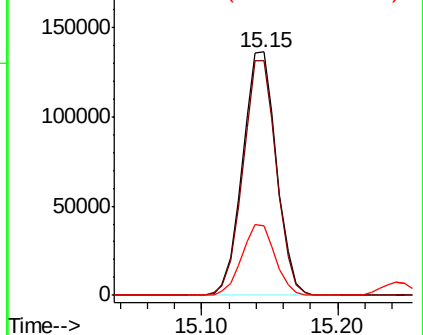
Tot Ion	Ratio	Resp	Lower	Upper
180	100	236071		
182	95.7	47.9	143.6	
145	28.5	14.2	42.8	

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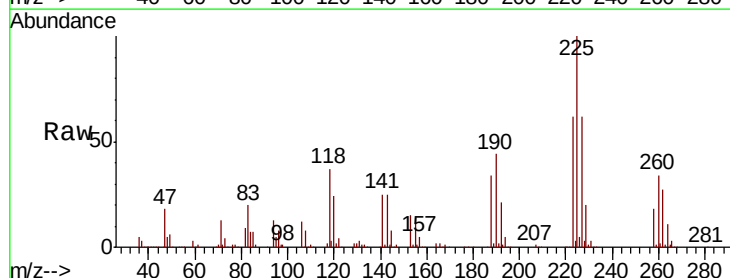


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

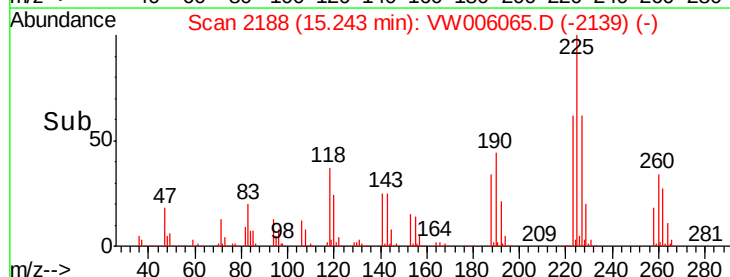
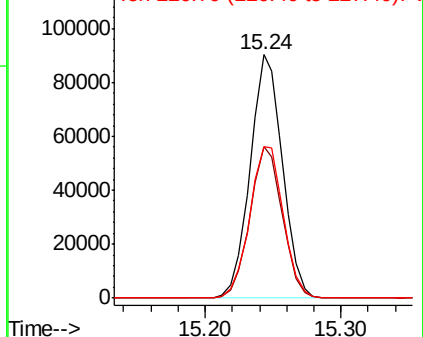


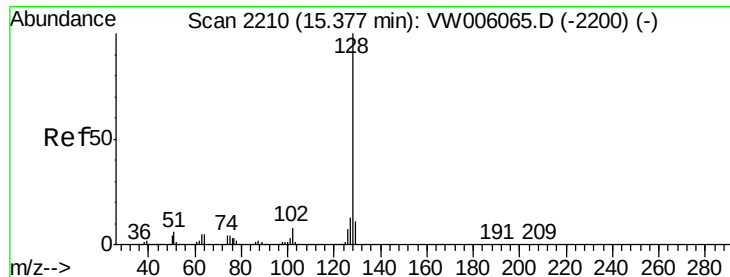
#94
 Hexachlorobutadiene
 Concen: 48.121 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006065.D
 Acq: 15 Oct 2018 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	150327		
223	62.3	31.1	93.5	
227	64.7	32.4	97.0	



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





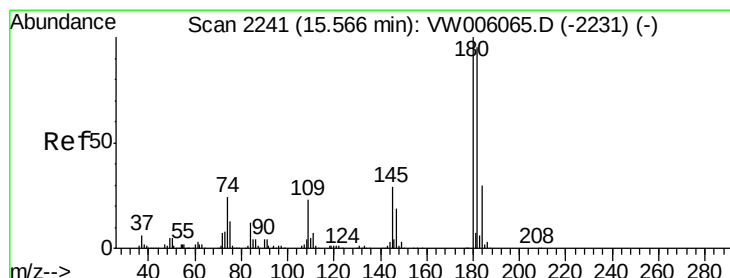
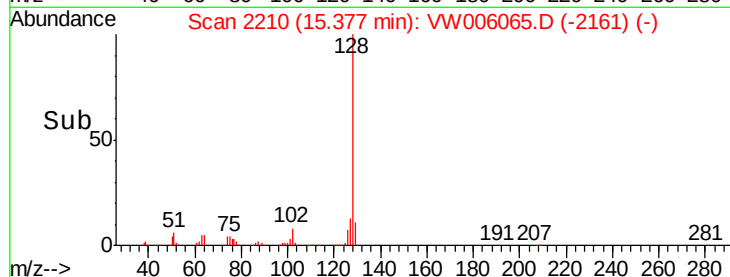
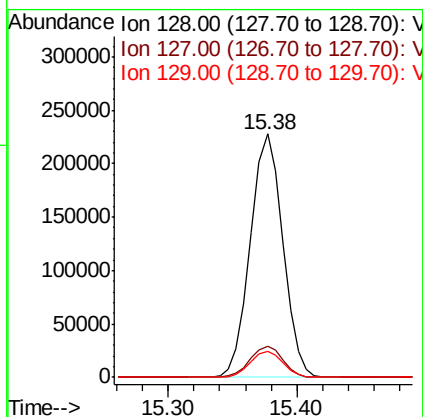
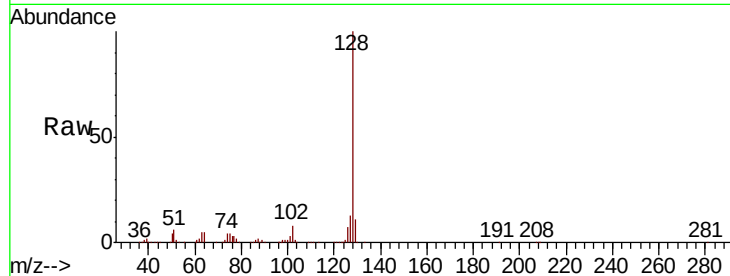
#95
Naphthalene
Concen: 46.186 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006065.D
Acq: 15 Oct 2018 18:20

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	397000		
127	12.9	10.3	15.5	
129	10.9	8.7	13.1	

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 47.384 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006065.D
Acq: 15 Oct 2018 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	205310		
182	95.5	47.8	143.3	
145	30.1	15.0	45.1	

