

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072818\
 Data File : VW004243.D
 Acq On : 26 Jul 2018 23:45
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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 7/27/2018 12:36:44 PM

Quant Time: Jul 27 07:45:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 15:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	244542	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	379433	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	354640	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	192099	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	158413	57.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.90%	
35) Dibromofluoromethane	7.88	113	139939	57.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.96%	
50) Toluene-d8	10.33	98	540333	57.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.40%	
62) 4-Bromofluorobenzene	12.62	95	197436	57.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.92%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.00	85	55933m	40.729	ug/l
3) Chloromethane	2.21	50	92415	51.127	ug/l
4) Vinyl Chloride	2.36	62	122801	49.392	ug/l
5) Bromomethane	2.77	94	73439	47.259	ug/l
6) Chloroethane	2.92	64	69431	49.151	ug/l
7) Trichlorofluoromethane	3.25	101	50505	48.386	ug/l
8) Diethyl Ether	3.67	74	71655	59.141	ug/l
9) 1,1,2-Trichlorotrifluoroet	4.05	101	121992	50.649	ug/l
10) Methyl Iodide	4.26	142	174786	50.526	ug/l
11) Tert butyl alcohol	5.18	59	52020	275.675	ug/l
12) 1,1-Dichloroethene	4.03	96	120292	50.616	ug/l
13) Acrolein	3.88	56	49837	257.039	ug/l
14) Allyl chloride	4.65	41	212228	54.101	ug/l
15) Acrylonitrile	5.37	53	181598	292.500	ug/l
16) Acetone	4.12	43	158862	241.852	ug/l
17) Carbon Disulfide	4.37	76	380694	51.320	ug/l
18) Methyl Acetate	4.67	43	98927	62.742	ug/l
19) Methyl tert-butyl Ether	5.43	73	255102	56.008	ug/l
20) Methylene Chloride	4.90	84	144468	49.782	ug/l
21) trans-1,2-Dichloroethene	5.41	96	138776	53.271	ug/l
22) Diisopropyl ether	6.31	45	459896	58.008	ug/l
23) Vinyl Acetate	6.25	43	1418103	282.302	ug/l
24) 1,1-Dichloroethane	6.21	63	261195	53.994	ug/l
25) 2-Butanone	7.17	43	244903	277.059	ug/l
26) 2,2-Dichloropropane	7.17	77	127199	45.807	ug/l
27) cis-1,2-Dichloroethene	7.17	96	148988	52.905	ug/l
28) Bromochloromethane	7.51	49	108012	54.560	ug/l
29) Tetrahydrofuran	7.53	42	164960	299.598	ug/l
30) Chloroform	7.67	83	263844	54.833	ug/l
31) Cyclohexane	7.95	56	218102	48.097	ug/l
32) 1,1,1-Trichloroethane	7.87	97	194921	51.875	ug/l
36) 1,1-Dichloropropene	8.08	75	201403	51.591	ug/l
37) Ethyl Acetate	7.26	43	109091	57.936	ug/l
38) Carbon Tetrachloride	8.07	117	187214	51.324	ug/l

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	228303	49.936	ug/l	95
40) Benzene	8.32	78	591229	54.589	ug/l	100
41) Methacrylonitrile	7.48	41	66257	63.505	ug/l	88
42) 1,2-Dichloroethane	8.40	62	182457	55.219	ug/l	99
43) Isopropyl Acetate	8.43	43	201622	57.250	ug/l	99
44) Trichloroethene	9.09	130	144822	51.585	ug/l	98
45) 1,2-Dichloropropane	9.37	63	156531	56.626	ug/l	99
46) Dibromomethane	9.46	93	81427	56.767	ug/l	99
47) Bromodichloromethane	9.65	83	196232	55.493	ug/l	100
48) Methyl methacrylate	9.44	41	98832	58.027	ug/l	98
49) 1,4-Dioxane	9.45	88	27705	1256.513	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	563067	300.099	ug/l	99
52) Toluene	10.39	92	366861	54.777	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	198711	53.738	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	227202	53.710	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	115306	57.156	ug/l	99
56) Ethyl methacrylate	10.65	69	151560	52.374	ug/l	97
57) 1,3-Dichloropropane	10.93	76	198588	56.658	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	368568	307.963	ug/l	99
59) 2-Hexanone	10.98	43	381013	288.118	ug/l	100
60) Dibromochloromethane	11.13	129	133357	56.763	ug/l	98
61) 1,2-Dibromoethane	11.24	107	107141	55.815	ug/l	97
64) Tetrachloroethene	10.87	164	130805	53.755	ug/l	99
65) Chlorobenzene	11.66	112	389999	51.717	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	139973	53.414	ug/l	98
67) Ethyl Benzene	11.74	91	685589	51.754	ug/l	100
68) m/p-Xylenes	11.84	106	525938	103.877	ug/l	98
69) o-Xylene	12.17	106	246316	52.445	ug/l	99
70) Styrene	12.18	104	426837	54.411	ug/l	99
71) Bromoform	12.35	173	80944	54.708	ug/l	100
73) Isopropylbenzene	12.47	105	676140	49.811	ug/l	99
74) N-amyl acetate	12.28	43	189423	53.556	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	141234	53.801	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	93583m	49.071	ug/l	
77) Bromobenzene	12.75	156	164660	50.695	ug/l	98
78) n-propylbenzene	12.81	91	841770	50.547	ug/l	99
79) 2-Chlorotoluene	12.90	91	486437	51.790	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	586100	51.308	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	41822	48.508	ug/l	97
82) 4-Chlorotoluene	12.99	91	517652	51.357	ug/l	99
83) tert-Butylbenzene	13.21	119	483343	50.398	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	613653	52.214	ug/l	99
85) sec-Butylbenzene	13.39	105	718067	50.461	ug/l	99
86) p-Isopropyltoluene	13.51	119	630405	50.506	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	331406	51.085	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	327901	50.399	ug/l	98
89) n-Butylbenzene	13.83	91	615693	50.178	ug/l	99
90) Hexachloroethane	14.10	117	114163	49.617	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	295419	51.111	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	24079	51.583	ug/l	98

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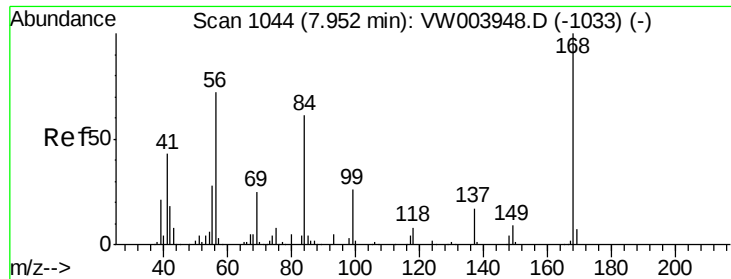
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	201976	49.756	ug/l	98
94) Hexachlorobutadiene	15.24	225	113852	48.842	ug/l	97
95) Naphthalene	15.38	128	399334	53.298	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	188305	52.393	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004243.D

Acq: 26 Jul 2018 23:45

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 244542

Ion Ratio Lower Upper

168 100

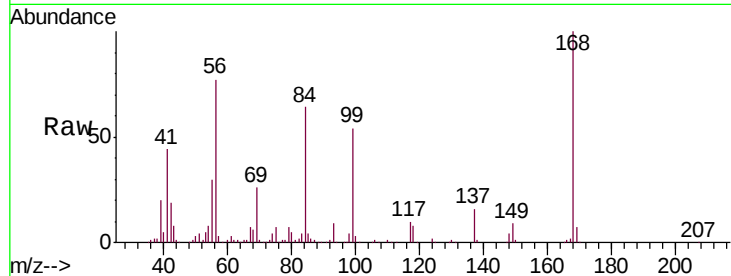
99 54.1 43.8 65.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

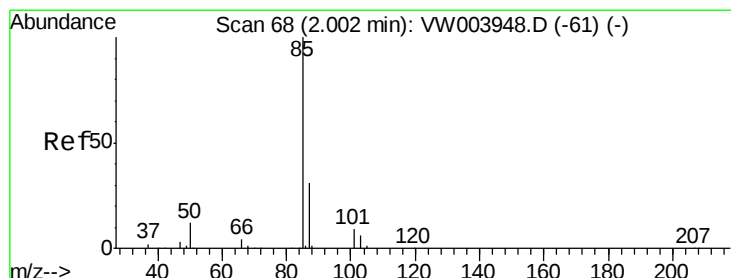
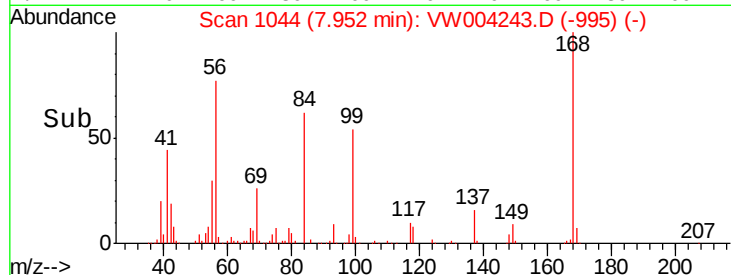
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 40.729 ug/l m

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW004243.D

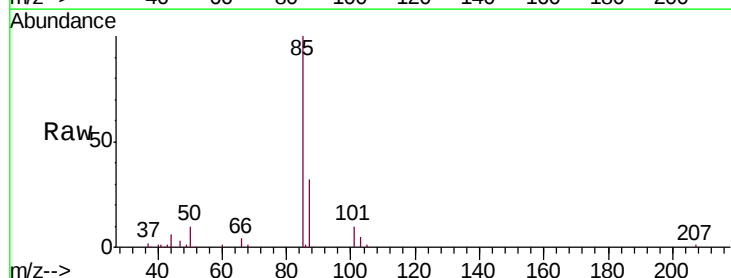
Acq: 26 Jul 2018 23:45

Tgt Ion: 85 Resp: 55933

Ion Ratio Lower Upper

85 100

87 31.8 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

20000

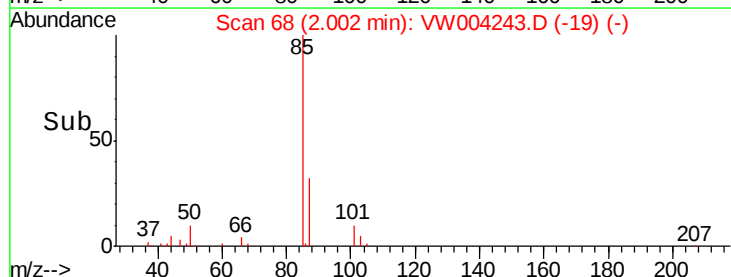
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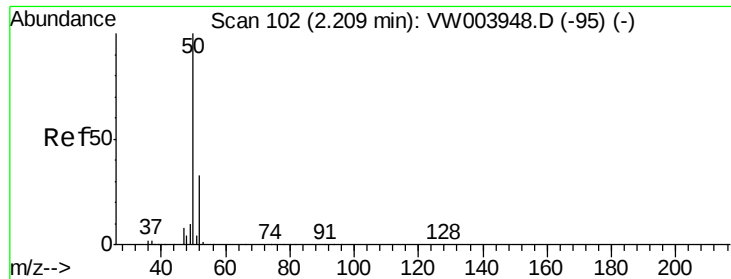
10000

5000

0

Time--> 2.00 2.20





#3

Chloromethane

Concen: 51.127 ug/l

RT: 2.21 min Scan# 102

Delta R.T. -0.00 min

Lab File: VW004243.D

Acq: 26 Jul 2018 23:45

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 92415

Ion Ratio Lower Upper

50 100

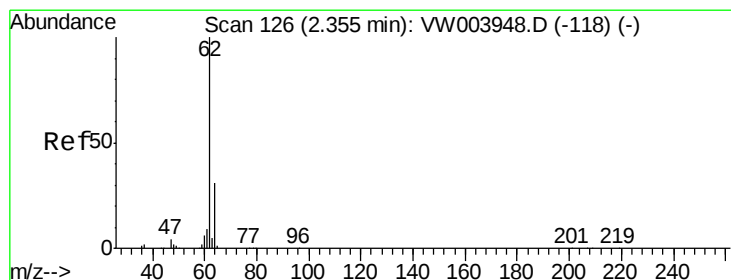
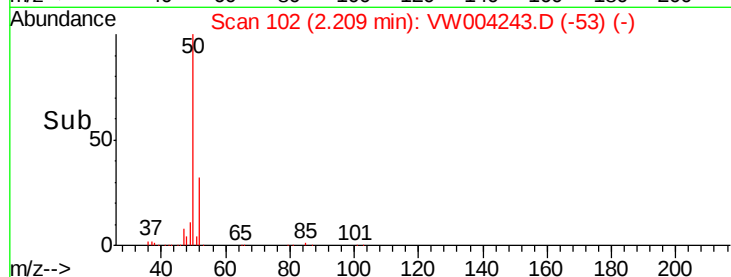
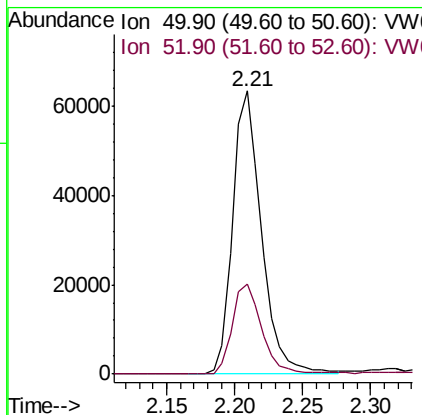
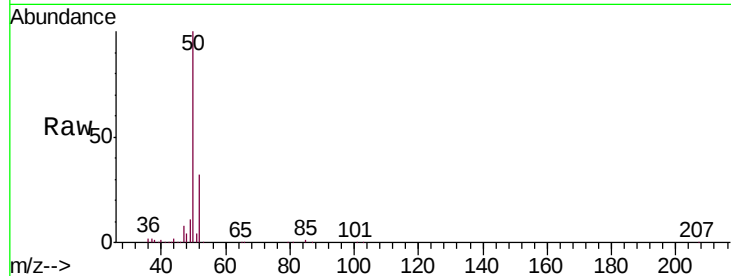
52 32.0 26.3 39.5

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#4

Vinyl Chloride

Concen: 49.392 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW004243.D

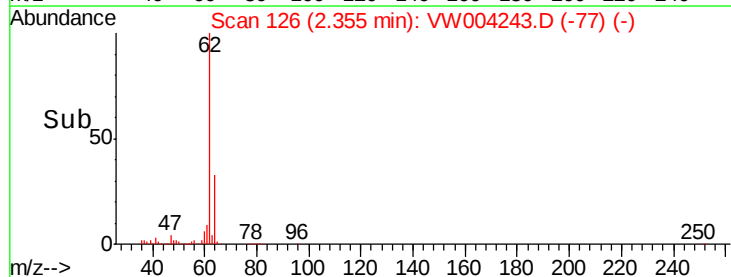
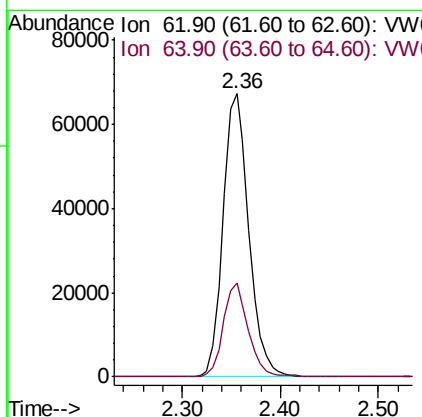
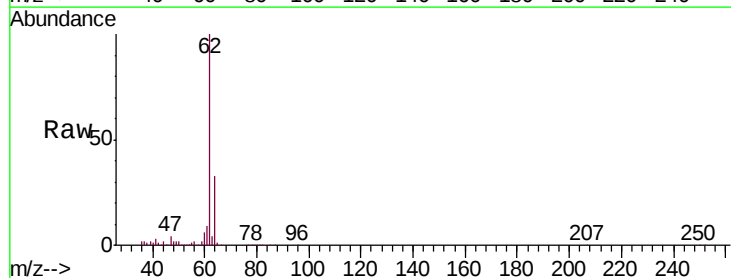
Acq: 26 Jul 2018 23:45

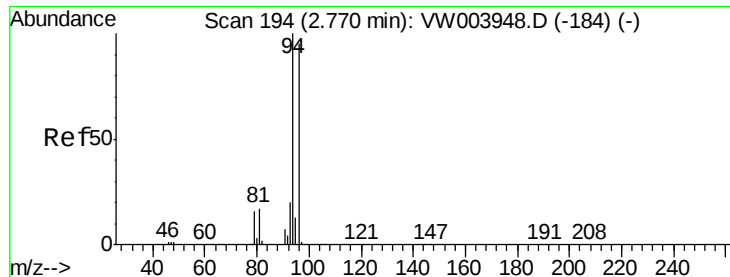
Tgt Ion: 62 Resp: 122801

Ion Ratio Lower Upper

62 100

64 33.0 25.0 37.6





#5

Bromomethane

Concen: 47.259 ug/l

RT: 2.77 min Scan# 194

Delta R.T. -0.00 min

Lab File: VW004243.D

Acq: 26 Jul 2018 23:45

Instrument :

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ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 73439

Ion Ratio Lower Upper

94 100

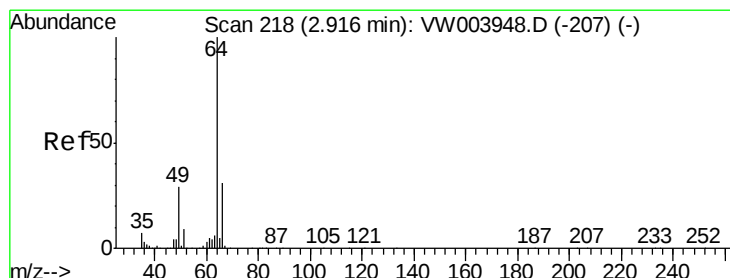
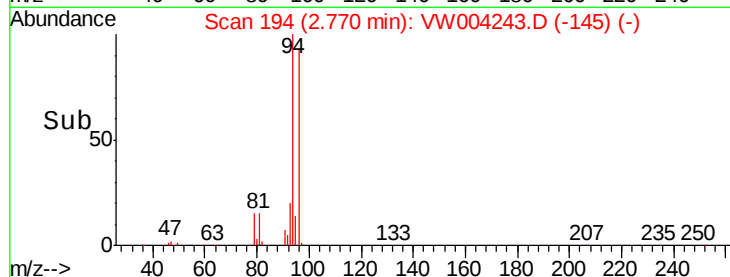
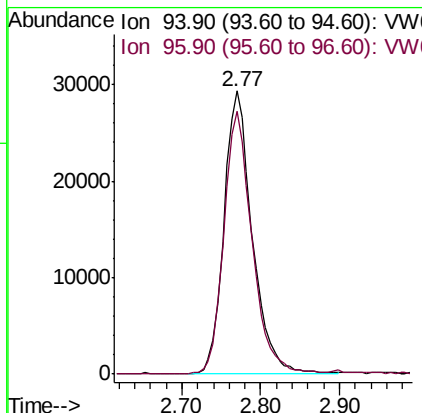
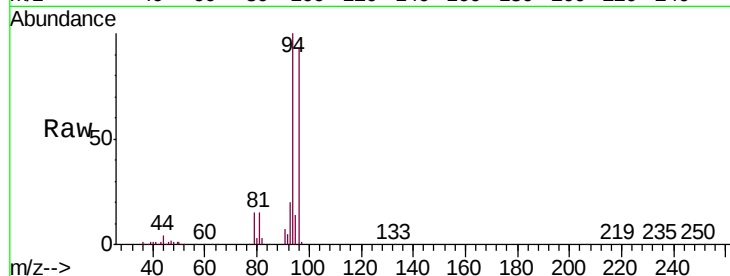
96 92.6 75.8 113.6

Manual Integrations

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#6

Chloroethane

Concen: 49.151 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.01 min

Lab File: VW004243.D

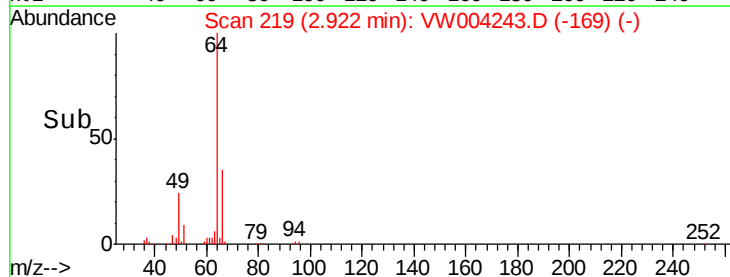
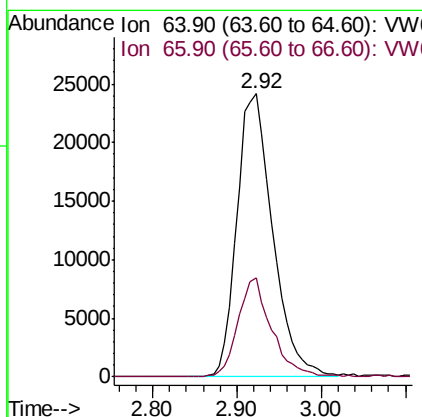
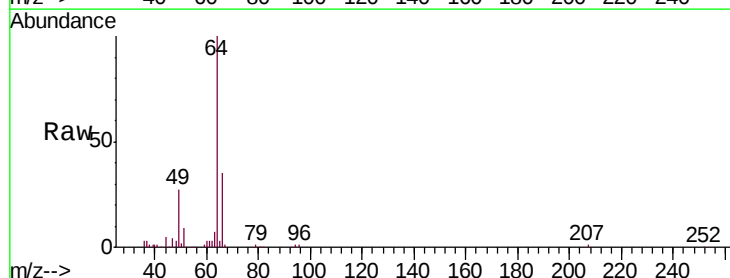
Acq: 26 Jul 2018 23:45

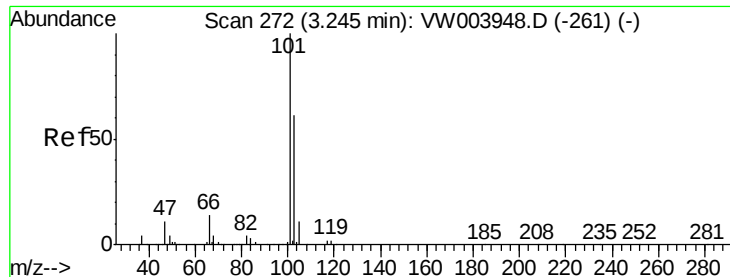
Tgt Ion: 64 Resp: 69431

Ion Ratio Lower Upper

64 100

66 35.1 24.5 36.7





#7

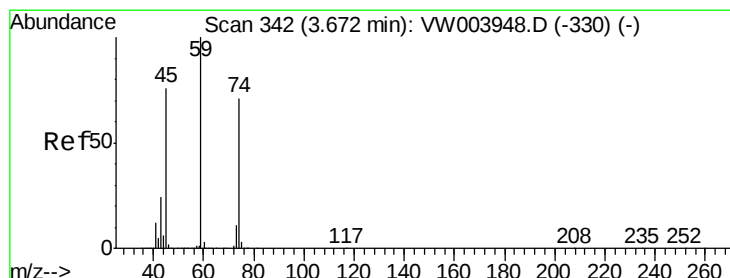
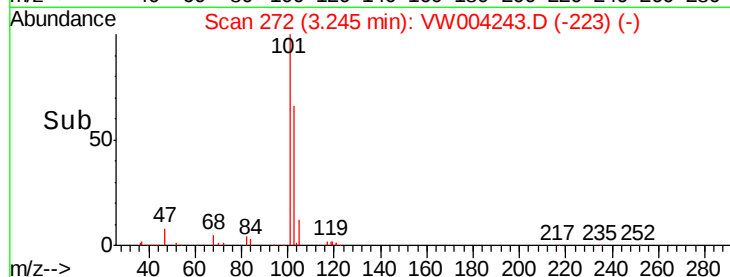
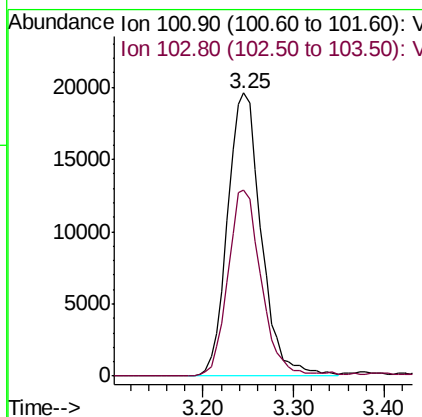
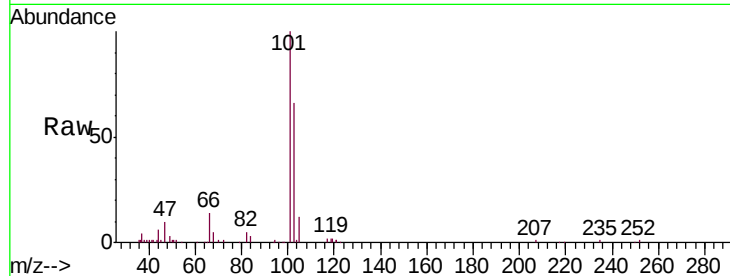
Trichlorofluoromethane
 Concen: 48.386 ug/l
 RT: 3.25 min Scan# 272
 Delta R.T. -0.00 min
 Lab File: VW004243.D
 Acq: 26 Jul 2018 23:45

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 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.7	49.0	73.6

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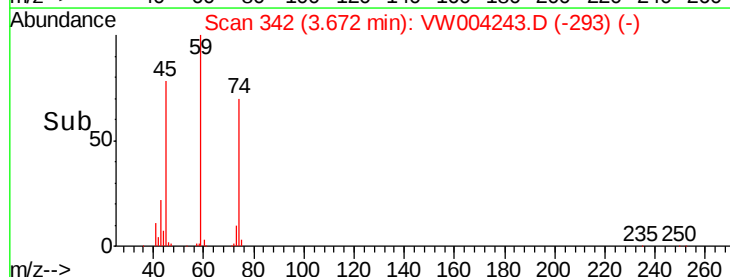
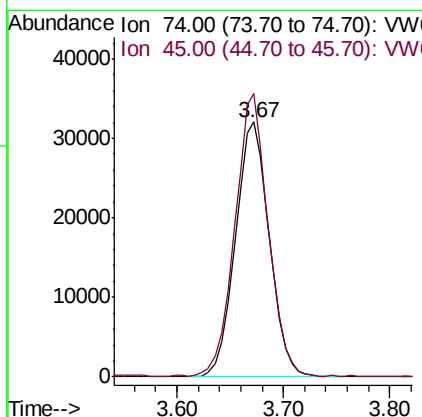
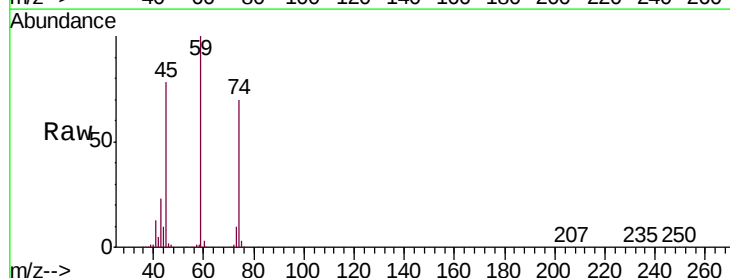
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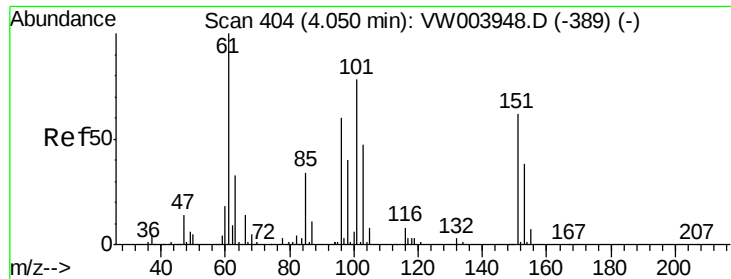


#8

Diethyl Ether
 Concen: 59.141 ug/l
 RT: 3.67 min Scan# 342
 Delta R.T. -0.00 min
 Lab File: VW004243.D
 Acq: 26 Jul 2018 23:45

Tgt Ion	Ratio	Lower	Upper
74	100		
45	108.0	53.8	161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.649 ug/l

RT: 4.05 min Scan# 404

Delta R.T. -0.00 min

Lab File: VW004243.D

Acq: 26 Jul 2018 23:45

Instrument :

MSVOA_W

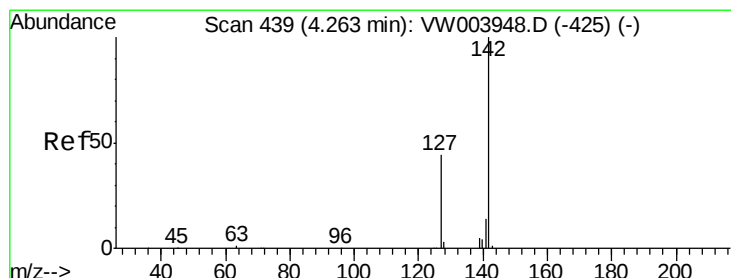
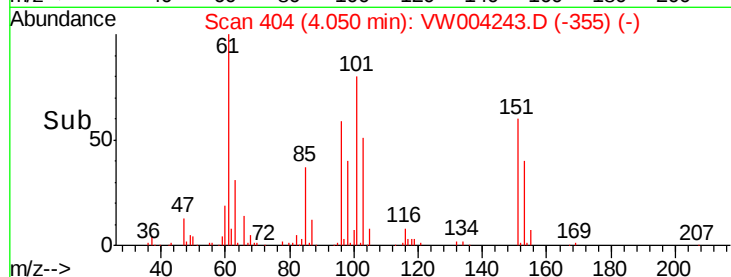
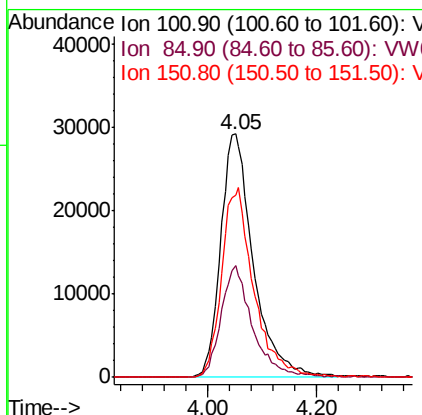
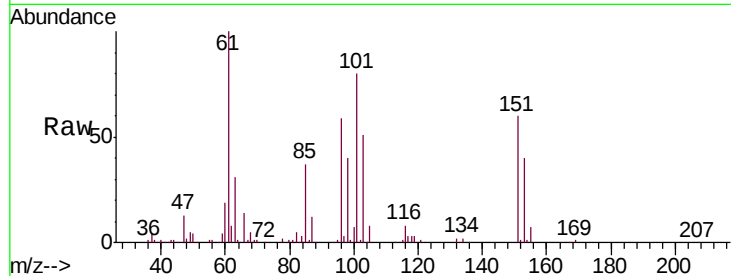
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	121992
Ion Ratio	Lower	Upper	
101	100		
85	44.2	35.8	53.6
151	76.9	63.6	95.4

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#10

Methyl Iodide

Concen: 50.526 ug/l

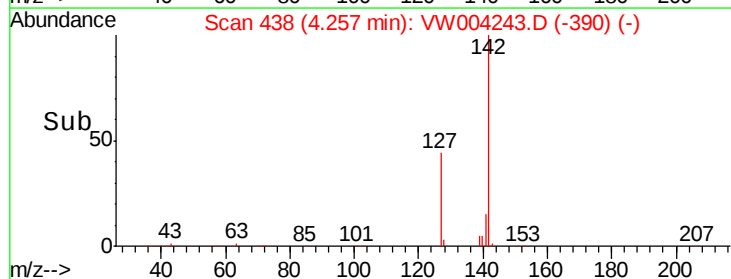
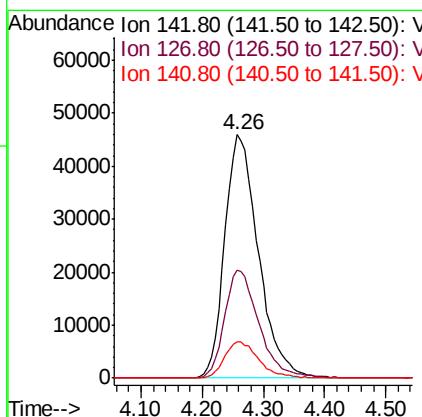
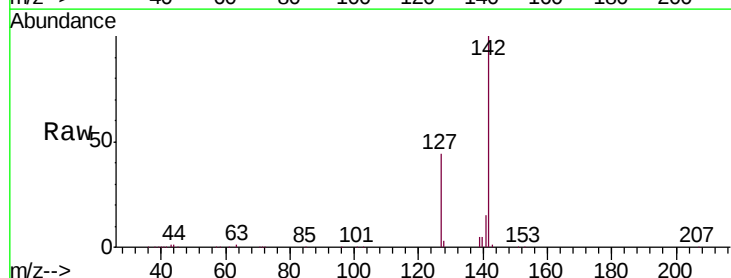
RT: 4.26 min Scan# 438

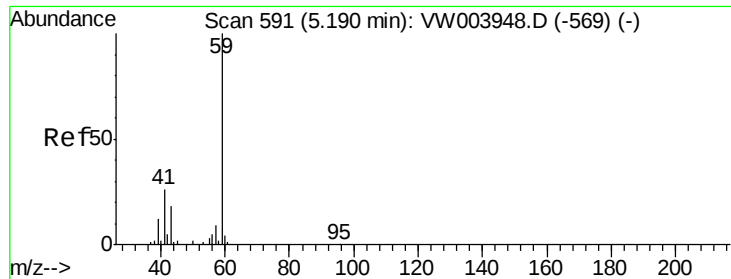
Delta R.T. -0.01 min

Lab File: VW004243.D

Acq: 26 Jul 2018 23:45

Tgt Ion:	142	Resp:	174786
Ion Ratio	Lower	Upper	
142	100		
127	45.0	35.4	53.2
141	15.3	11.7	17.5





#11

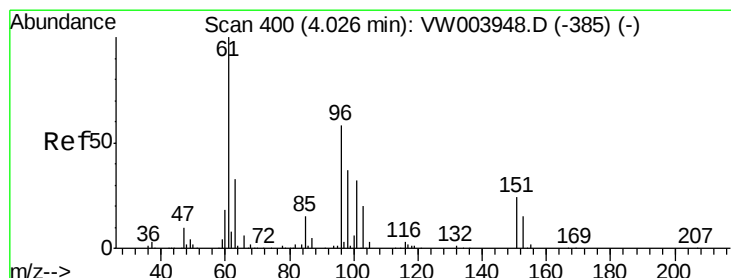
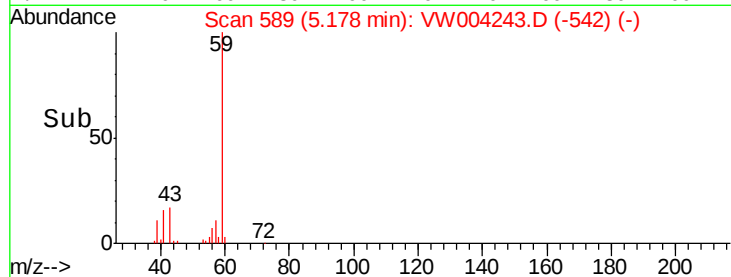
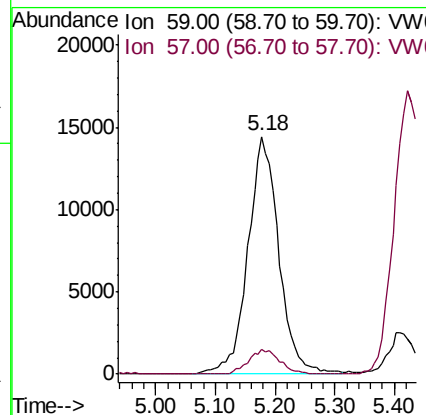
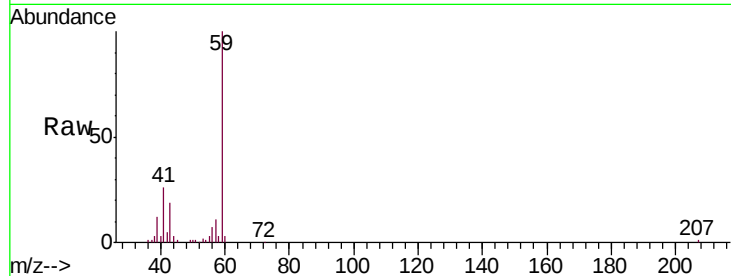
Tert butyl alcohol
 Concen: 275.675 ug/l
 RT: 5.18 min Scan# 589
 Delta R.T. -0.01 min
 Lab File: VW004243.D
 Acq: 26 Jul 2018 23:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.5	12.7

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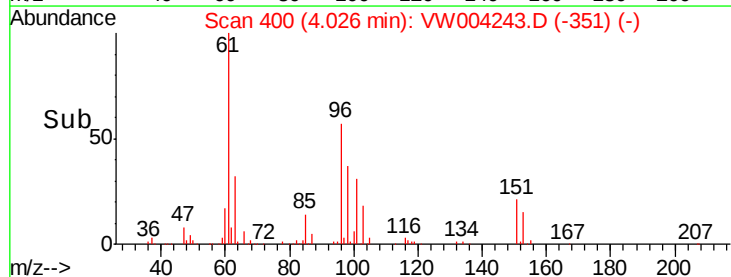
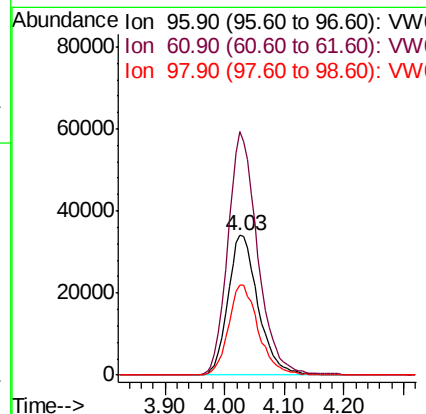
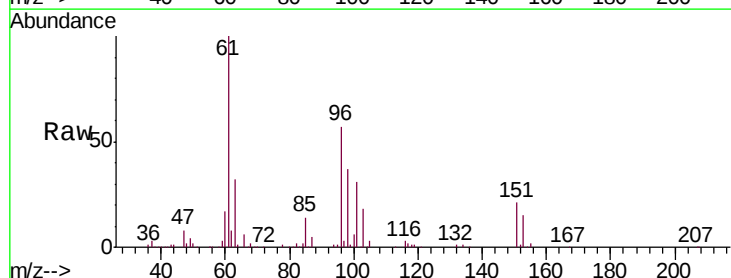
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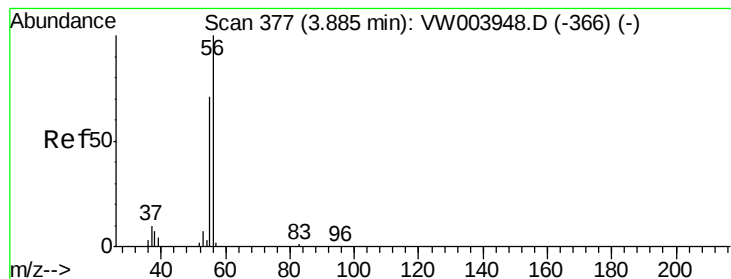


#12

1,1-Dichloroethene
 Concen: 50.616 ug/l
 RT: 4.03 min Scan# 400
 Delta R.T. -0.00 min
 Lab File: VW004243.D
 Acq: 26 Jul 2018 23:45

Tgt Ion	Ratio	Lower	Upper
96	100		
61	174.1	137.0	205.6
98	64.6	50.2	75.4





#13

Acrolein

Concen: 257.039 ug/l

RT: 3.88 min Scan# 376

Delta R.T. -0.01 min

Lab File: VW004243.D

Acq: 26 Jul 2018 23:45

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 49837

Ion Ratio Lower Upper

56 100

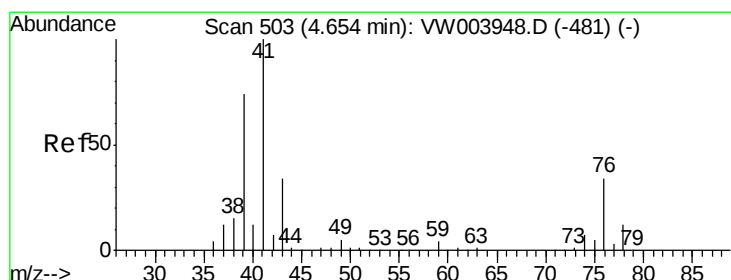
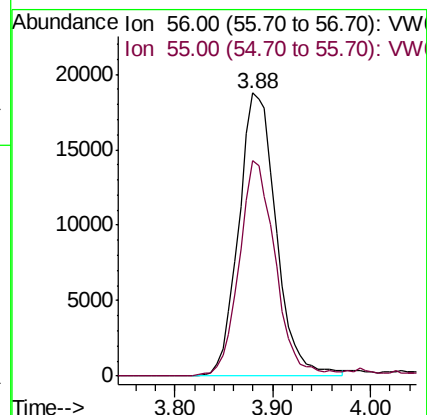
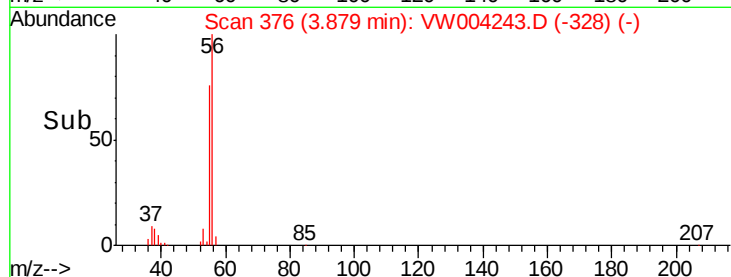
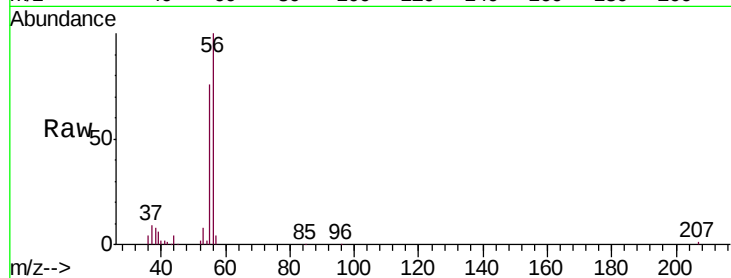
55 73.0 58.2 87.4

Manual Integrations

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#14

Allyl chloride

Concen: 54.101 ug/l

RT: 4.65 min Scan# 503

Delta R.T. -0.00 min

Lab File: VW004243.D

Acq: 26 Jul 2018 23:45

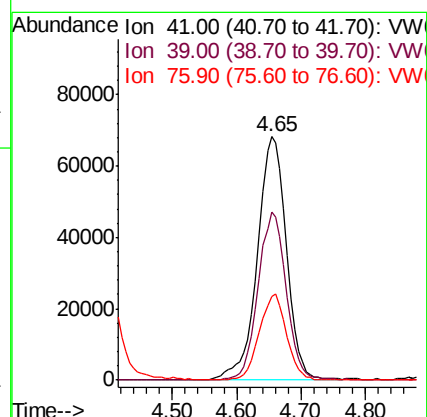
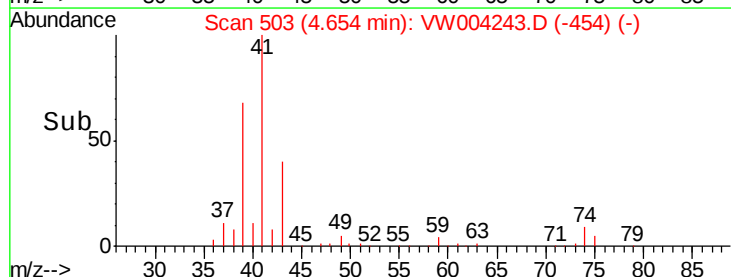
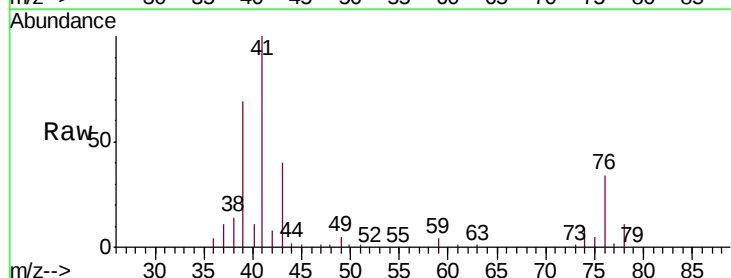
Tgt Ion: 41 Resp: 212228

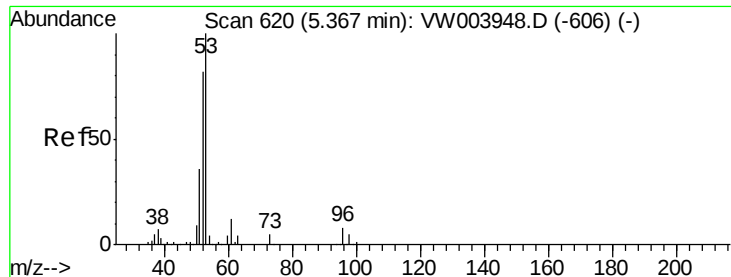
Ion Ratio Lower Upper

41 100

39 67.2 57.0 85.4

76 33.1 26.5 39.7





#15

Acrylonitrile

Concen: 292.500 ug/l

RT: 5.37 min Scan# 620

Delta R.T. -0.00 min

Lab File: VW004243.D

Acq: 26 Jul 2018 23:45

Instrument :

MSVOA_W

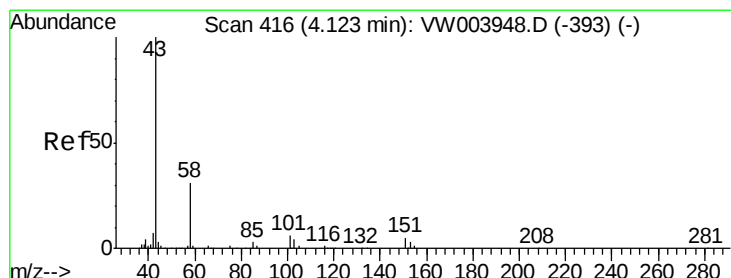
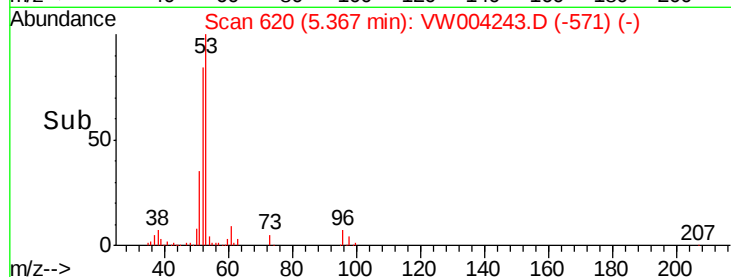
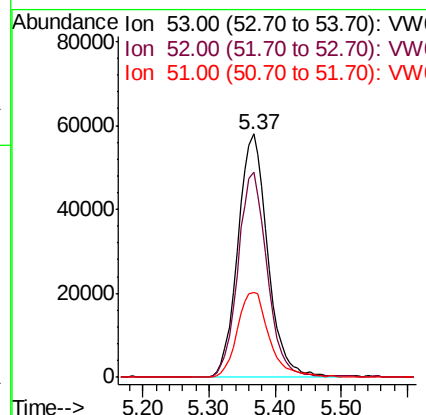
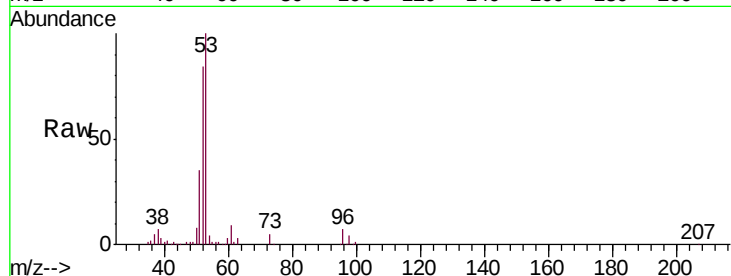
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	181598
Ion Ratio	Lower	Upper	
53	100		
52	82.2	66.1	99.1
51	37.4	29.8	44.6

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#16

Acetone

Concen: 241.852 ug/l

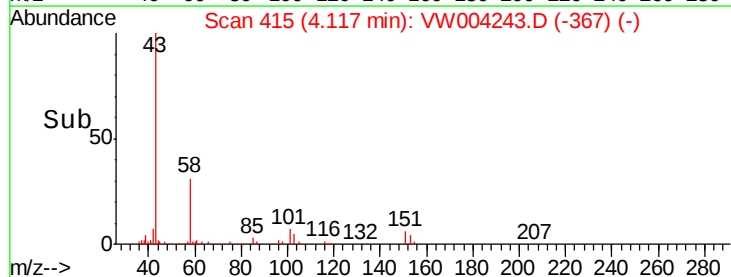
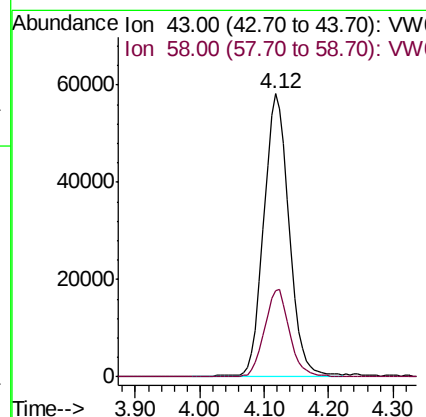
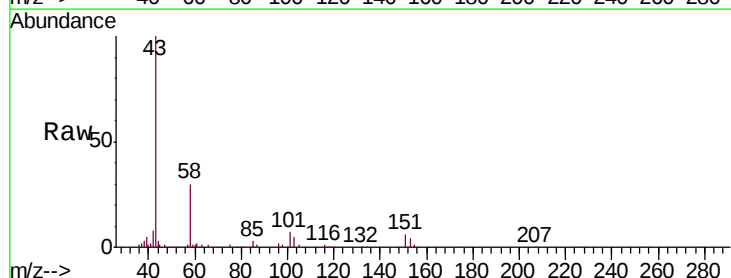
RT: 4.12 min Scan# 415

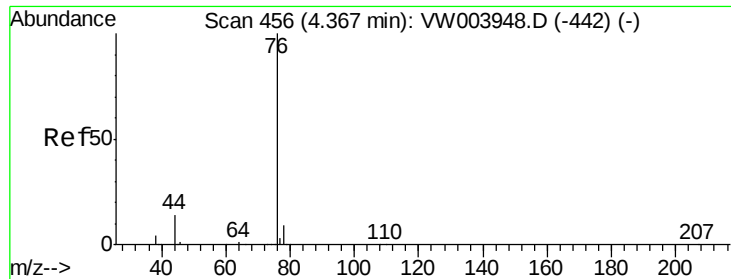
Delta R.T. -0.01 min

Lab File: VW004243.D

Acq: 26 Jul 2018 23:45

Tgt Ion:	43	Resp:	158862
Ion Ratio	Lower	Upper	
43	100		
58	30.3	24.5	36.7





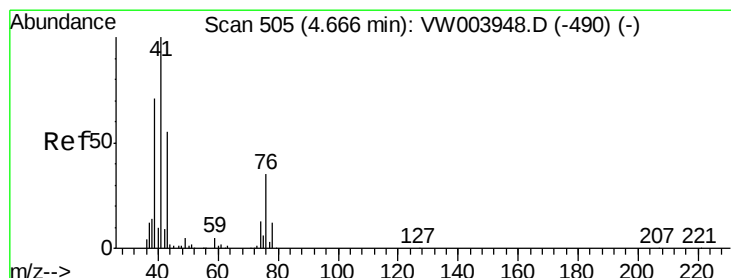
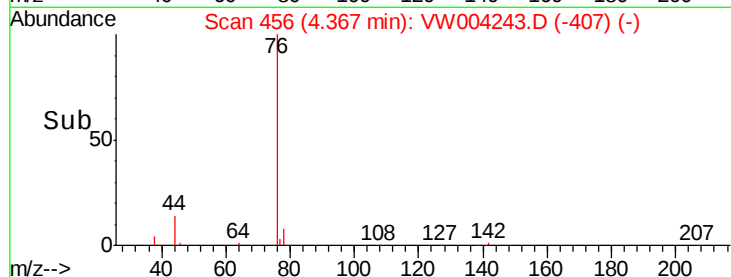
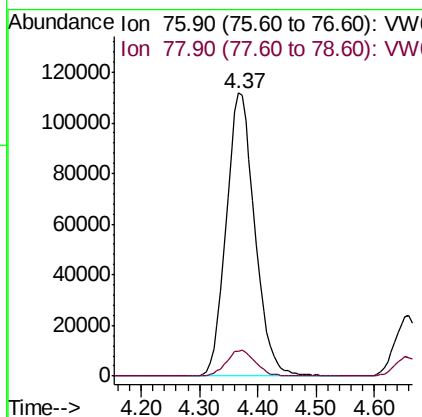
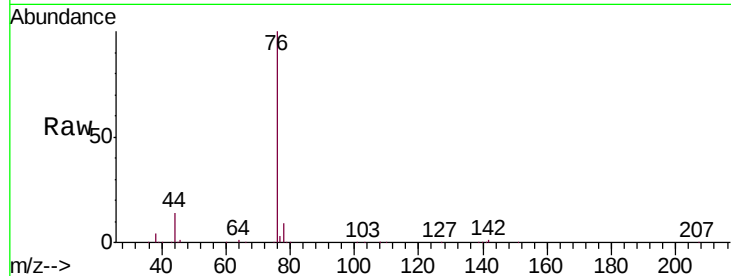
#17
Carbon Disulfide
Concen: 51.320 ug/l
RT: 4.37 min Scan# 456
Delta R.T. -0.00 min
Lab File: VW004243.D
Acq: 26 Jul 2018 23:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.1	10.7

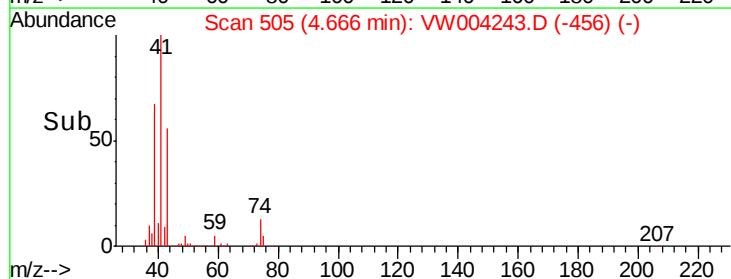
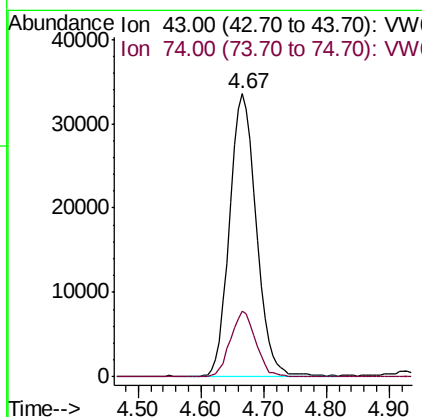
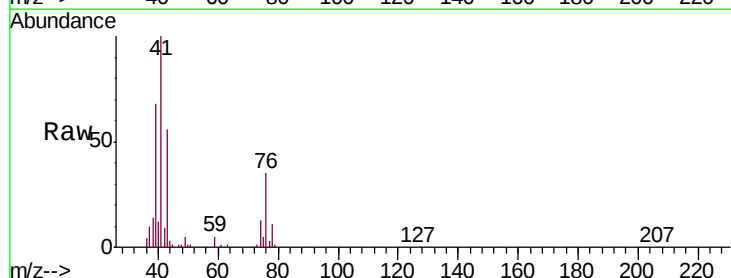
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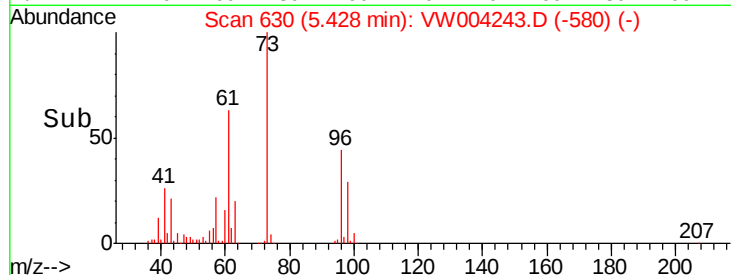
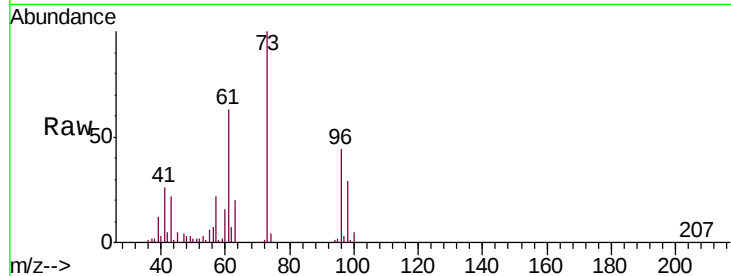
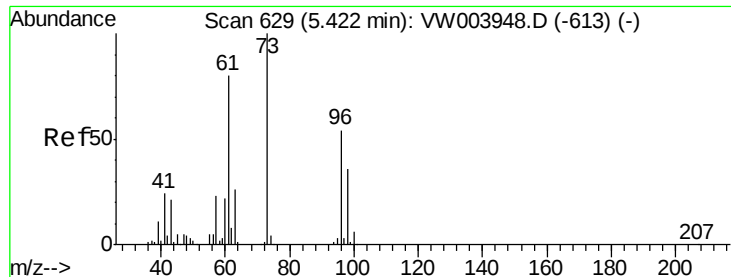
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#18
Methyl Acetate
Concen: 62.742 ug/l
RT: 4.67 min Scan# 505
Delta R.T. -0.00 min
Lab File: VW004243.D
Acq: 26 Jul 2018 23:45

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.1	17.7	26.5





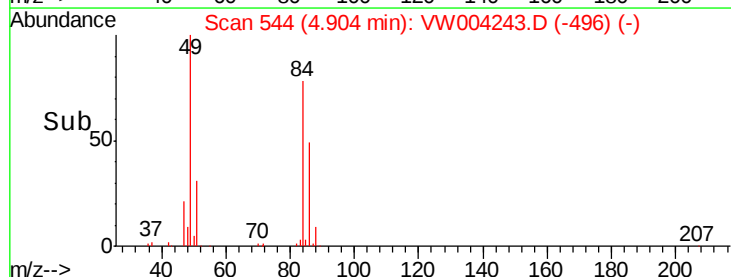
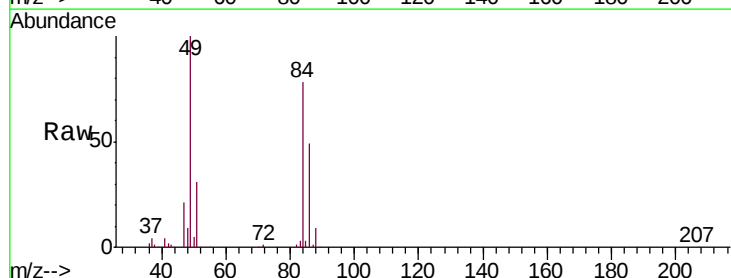
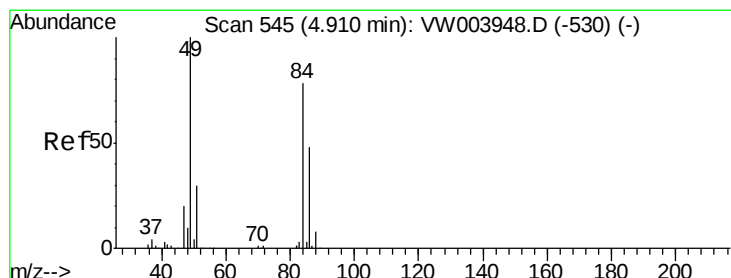
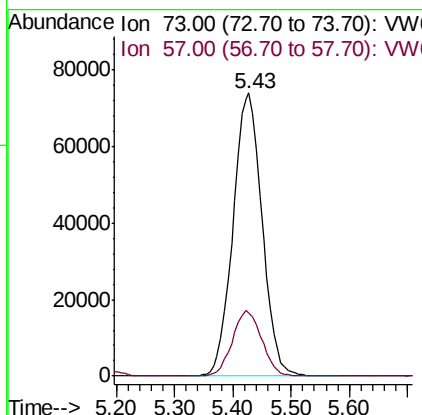
#19
Methvl tert-butvl Ether
Concen: 56.008 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.01 min
Lab File: VW004243.D
Acq: 26 Jul 2018 23:45

Tot Ion: 73 Resp: 255102
Ion Ratio Lower Upper
73 100
57 22.4 18.2 27.4

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

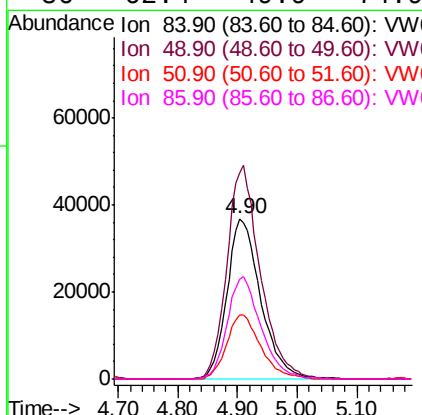
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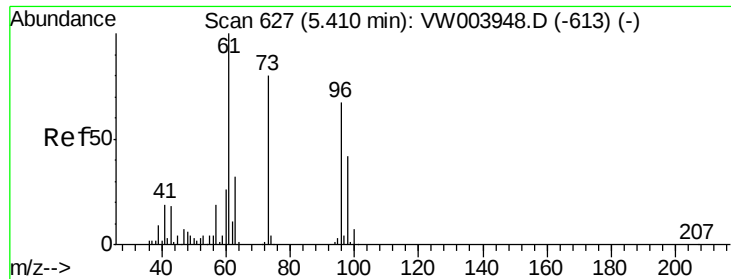
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#20
Methylene Chloride
Concen: 49.782 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW004243.D
Acq: 26 Jul 2018 23:45

Tgt Ion: 84 Resp: 144468
Ion Ratio Lower Upper
84 100
49 128.4 102.9 154.3
51 39.6 30.9 46.3
86 62.4 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 53.271 ug/l

RT: 5.41 min Scan# 627

Delta R.T. -0.00 min

Lab File: VW004243.D

Acq: 26 Jul 2018 23:45

Instrument :

MSVOA_W

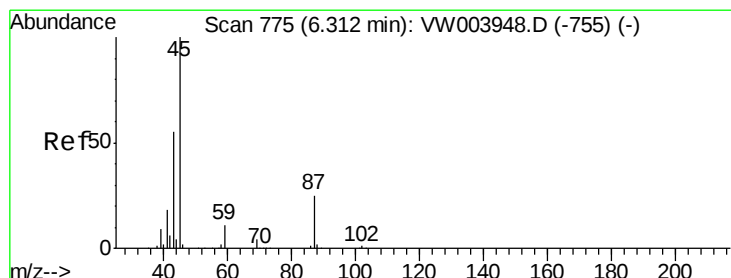
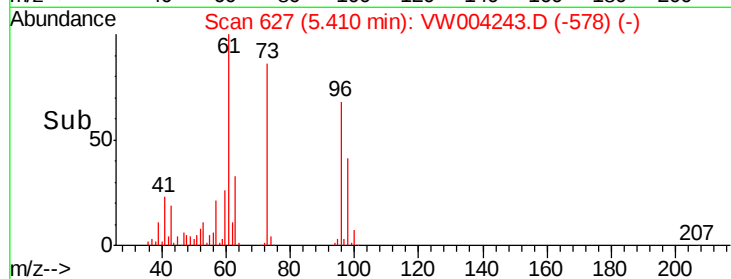
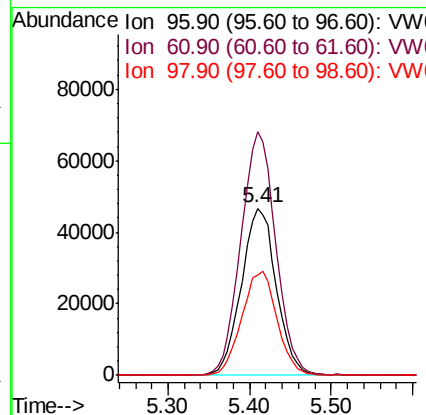
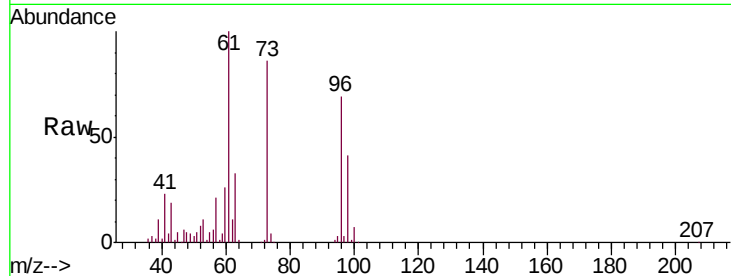
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	138776
Ion	Ratio	Lower	Upper
96	100		
61	145.9	119.0	178.4
98	60.4	49.9	74.9

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#22

Diisopropyl ether

Concen: 58.008 ug/l

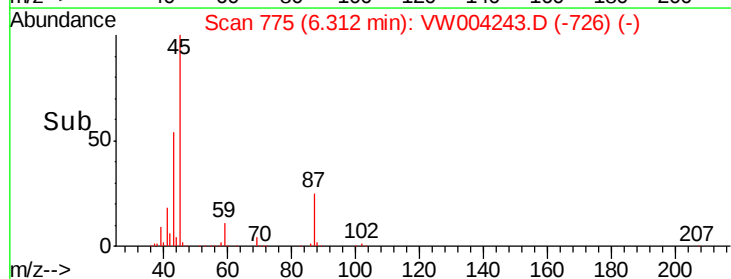
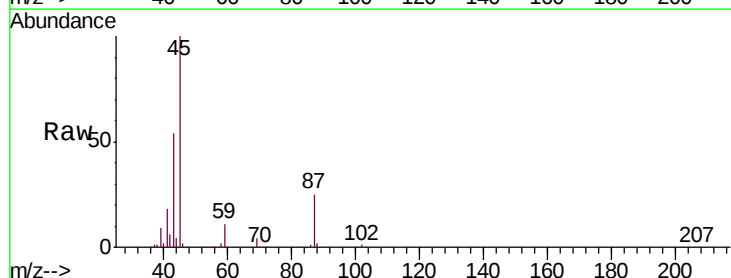
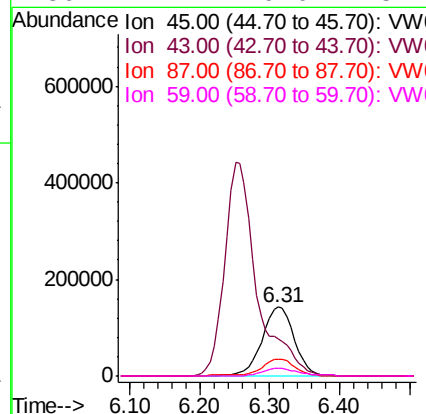
RT: 6.31 min Scan# 775

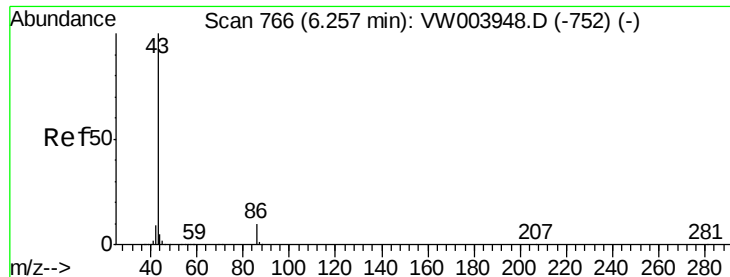
Delta R.T. -0.00 min

Lab File: VW004243.D

Acq: 26 Jul 2018 23:45

Tgt Ion:	45	Resp:	459896
Ion	Ratio	Lower	Upper
45	100		
43	53.8	44.3	66.5
87	24.6	20.2	30.4
59	11.1	9.0	13.4





#23

Vinyl Acetate

Concen: 282.302 ug/l

RT: 6.25 min Scan# 765

Delta R.T. -0.01 min

Lab File: VW004243.D

Acq: 26 Jul 2018 23:45

Instrument :

MSVOA_W

ClientSampleID :

VSTDCCC050

Tot Ion: 43 Resp: 1418103

Ion Ratio Lower Upper

43 100

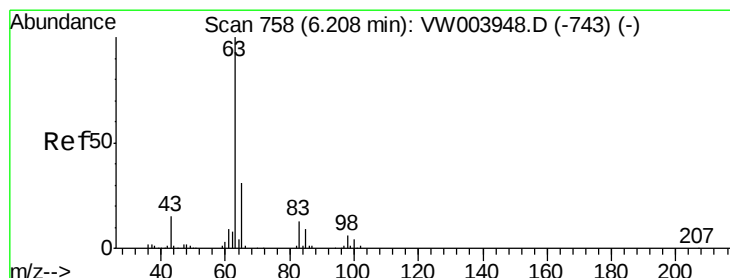
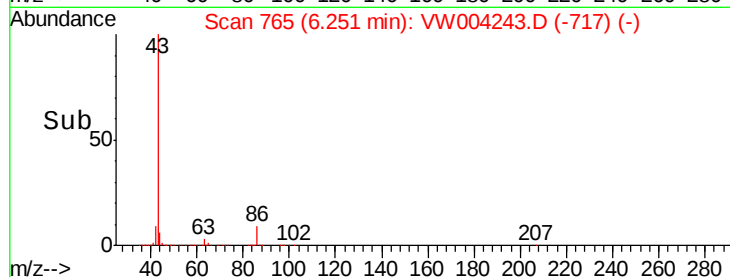
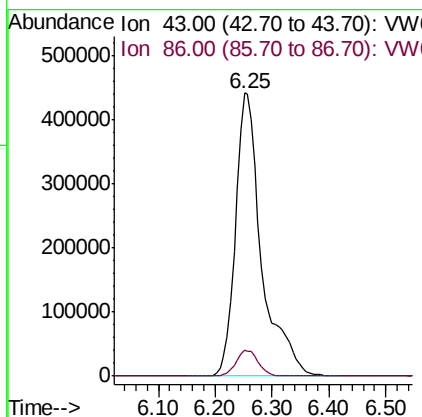
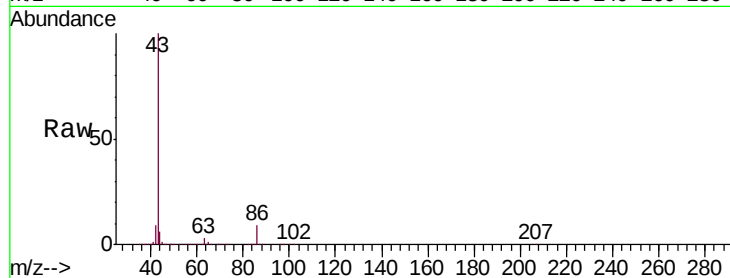
86 9.2 7.6 11.4

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#24

1,1-Dichloroethane

Concen: 53.994 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.01 min

Lab File: VW004243.D

Acq: 26 Jul 2018 23:45

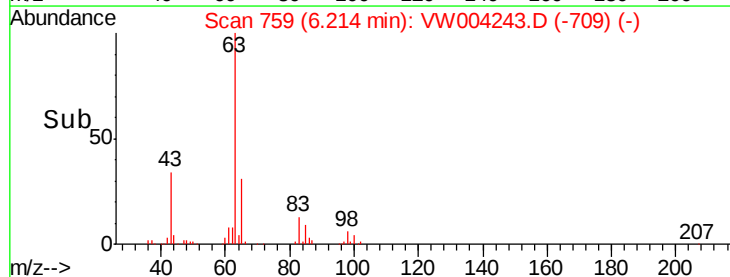
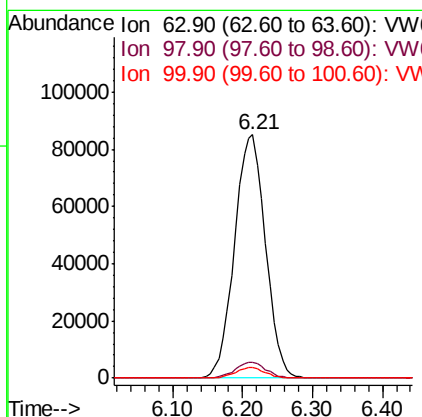
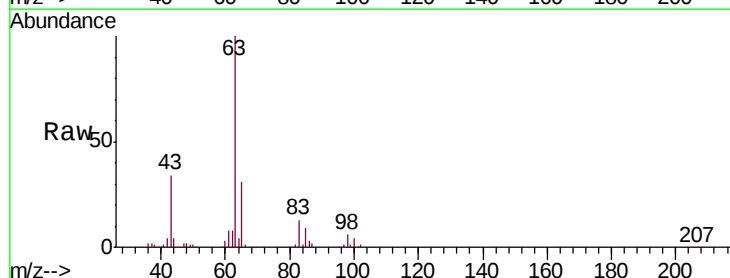
Tgt Ion: 63 Resp: 261195

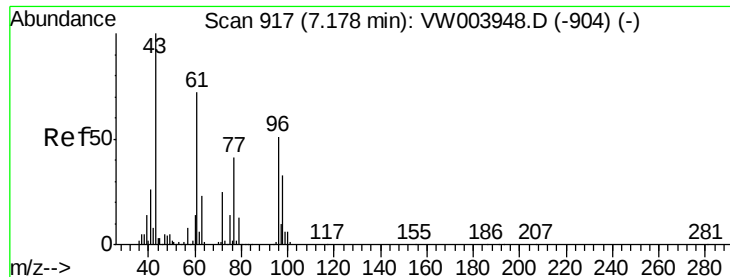
Ion Ratio Lower Upper

63 100

98 6.4 3.1 9.4

100 4.2 2.1 6.5





#25

2-Butanone

Concen: 277.059 ug/l

RT: 7.17 min Scan# 916

Delta R.T. -0.01 min

Lab File: VW004243.D

Acq: 26 Jul 2018 23:45

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 244903

Ion Ratio Lower Upper

43 100

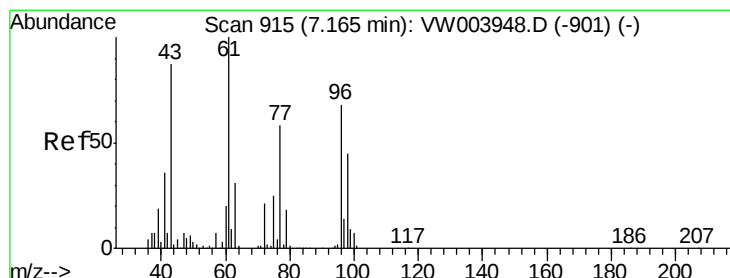
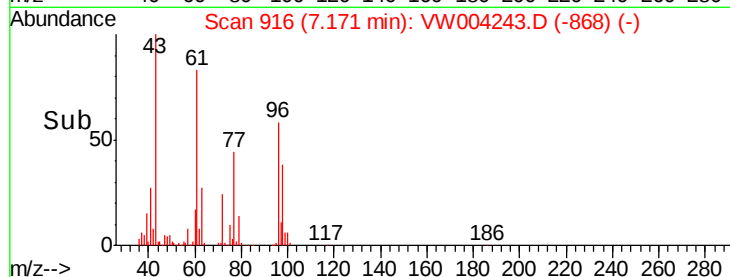
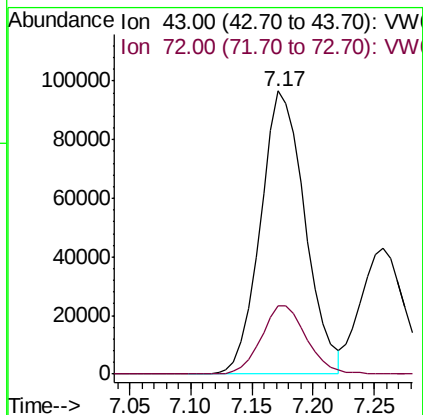
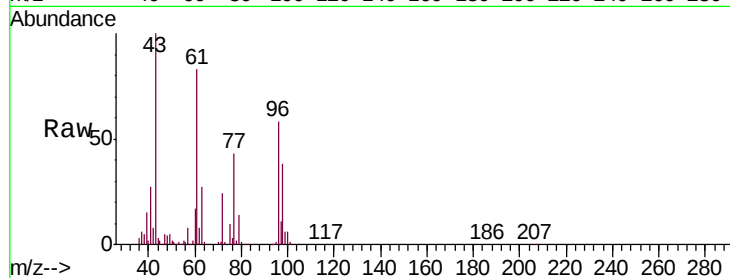
72 24.1 19.8 29.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 45.807 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW004243.D

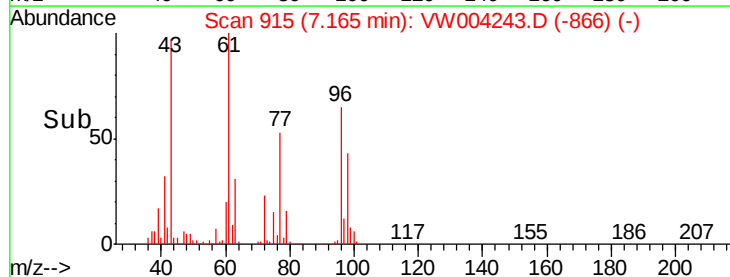
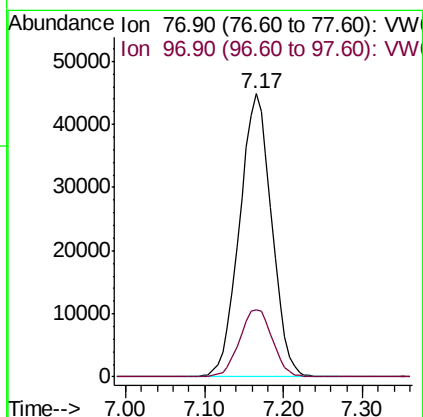
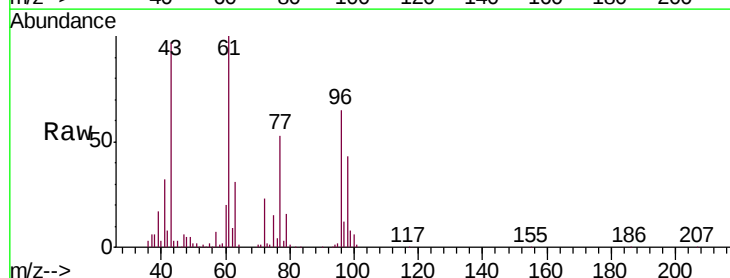
Acq: 26 Jul 2018 23:45

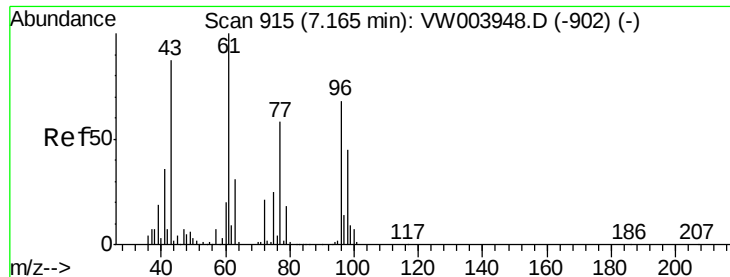
Tgt Ion: 77 Resp: 127199

Ion Ratio Lower Upper

77 100

97 24.1 11.8 35.3





#27

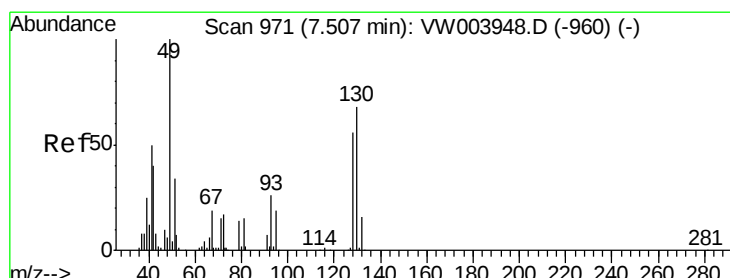
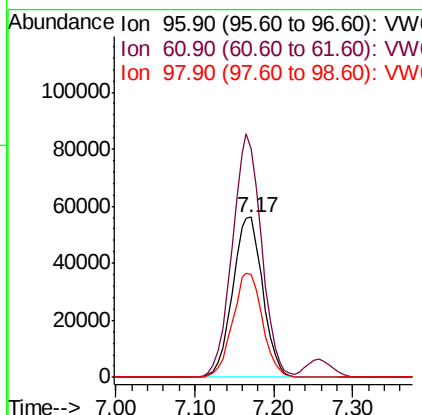
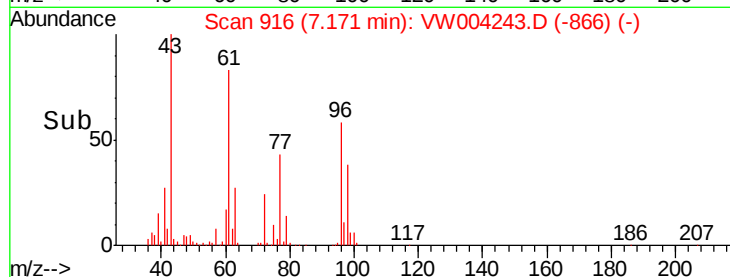
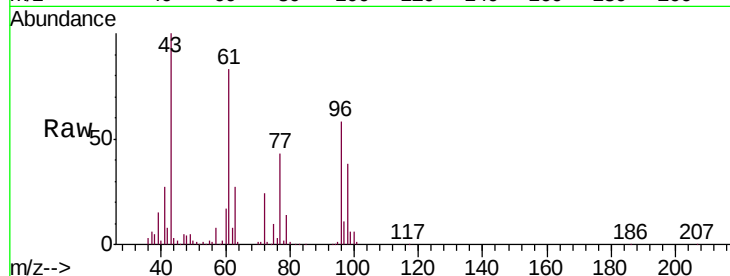
cis-1,2-Dichloroethene
Concen: 52.905 ug/l
RT: 7.17 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW004243.D
Acq: 26 Jul 2018 23:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	148988		
61	147.4	0.0	298.6	
98	64.3	0.0	130.4	

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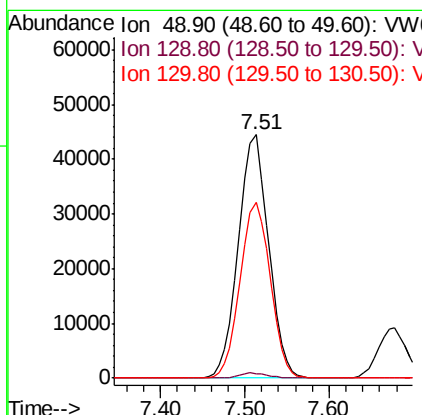
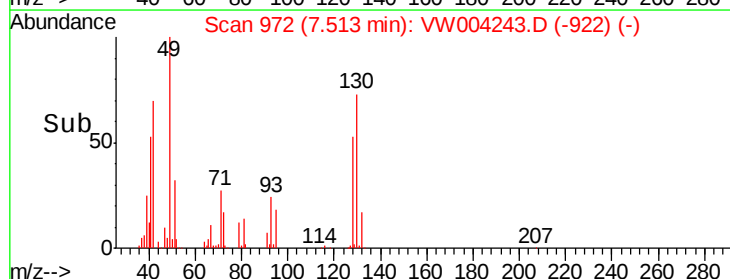
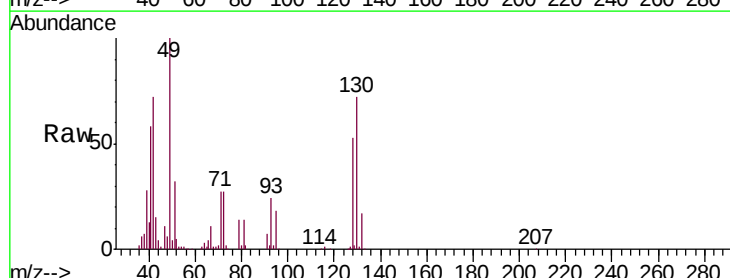
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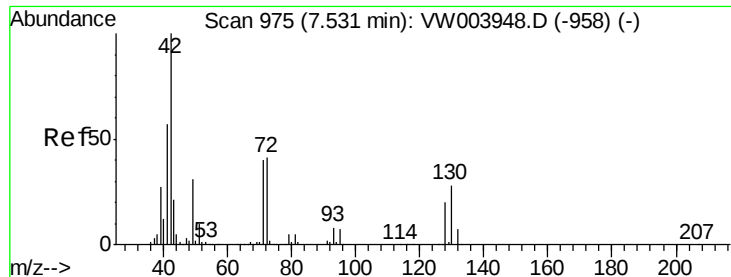


#28

Bromochloromethane
Concen: 54.560 ug/l
RT: 7.51 min Scan# 972
Delta R.T. 0.01 min
Lab File: VW004243.D
Acq: 26 Jul 2018 23:45

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	108012		
129	1.9	0.0	2.2	
130	72.1	58.3	87.5	





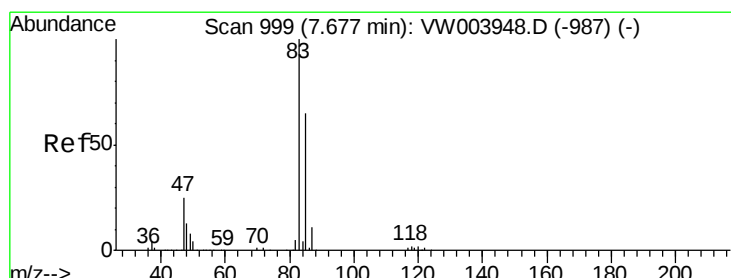
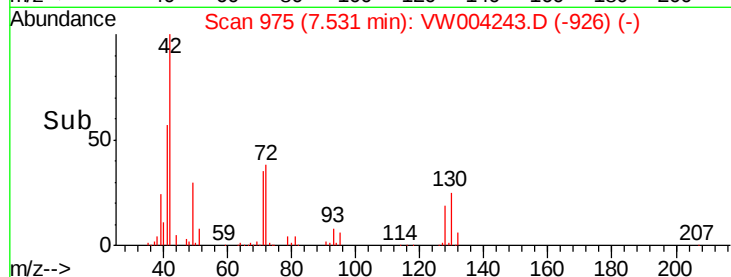
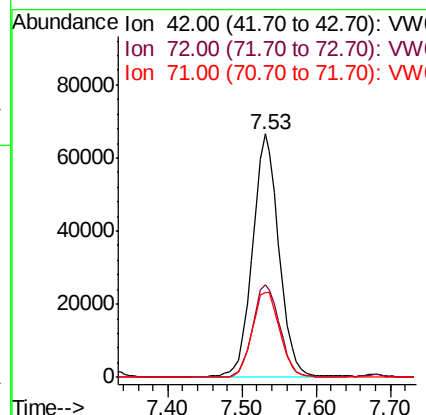
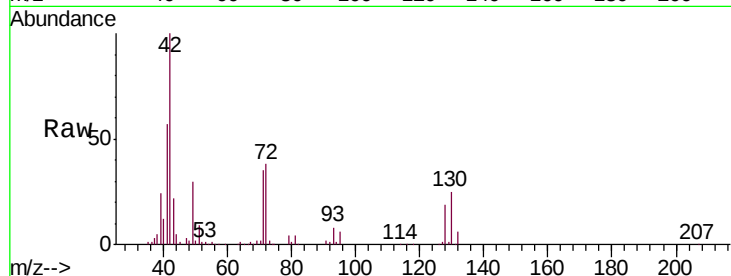
#29
Tetrahydrofuran
Concen: 299.598 ug/l
RT: 7.53 min Scan# 975
Delta R.T. -0.00 min
Lab File: VW004243.D
Acq: 26 Jul 2018 23:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:	42	Resp:	164960
Ion Ratio		Lower	Upper
42	100		
72	39.5	32.6	48.8
71	37.1	30.5	45.7

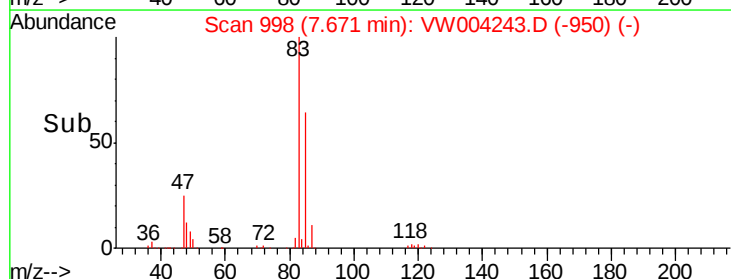
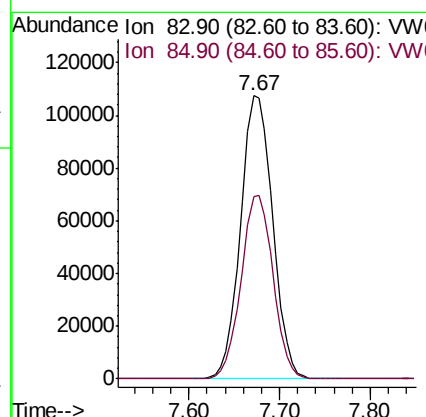
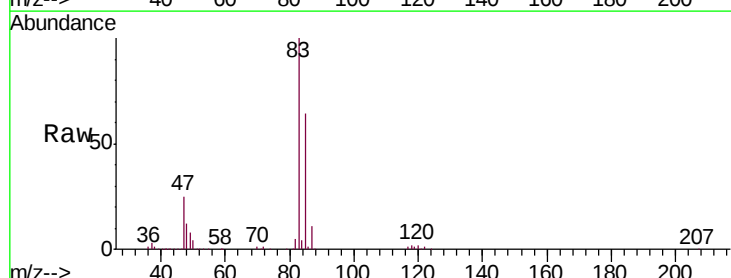
Manual Integrations
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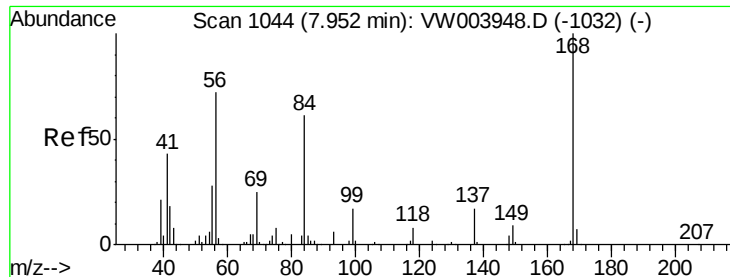
apatel
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#30
Chloroform
Concen: 54.833 ug/l
RT: 7.67 min Scan# 998
Delta R.T. -0.01 min
Lab File: VW004243.D
Acq: 26 Jul 2018 23:45

Tgt Ion:	83	Resp:	263844
Ion Ratio		Lower	Upper
83	100		
85	64.2	52.2	78.4





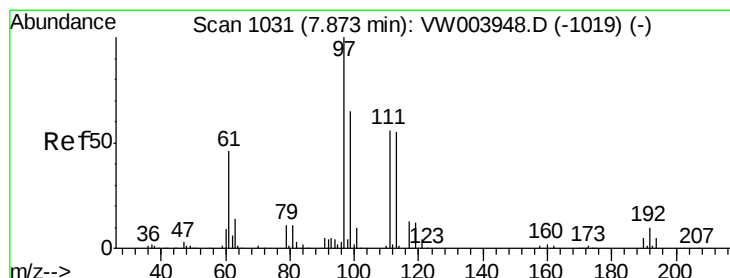
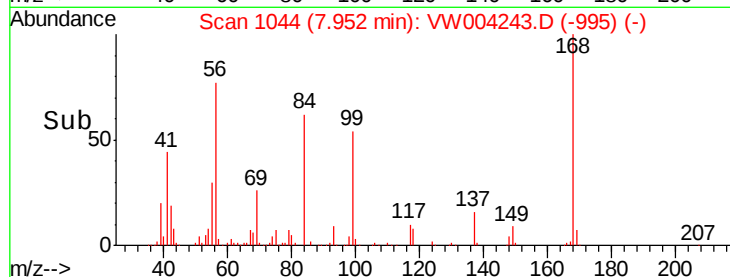
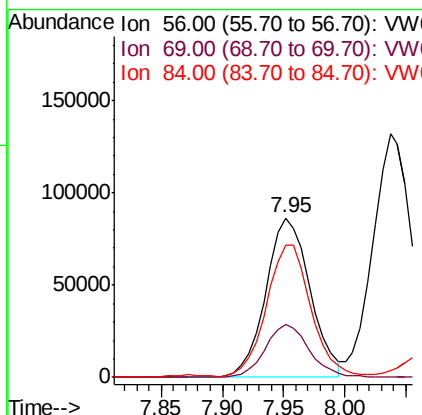
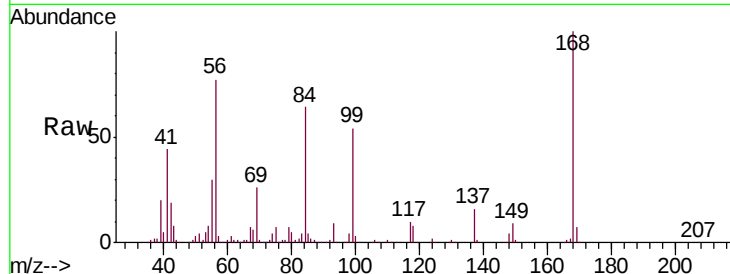
#31
Cyclohexane
Concen: 48.097 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VW004243.D
Acq: 26 Jul 2018 23:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.6	27.8	41.8
84	81.2	67.2	100.8

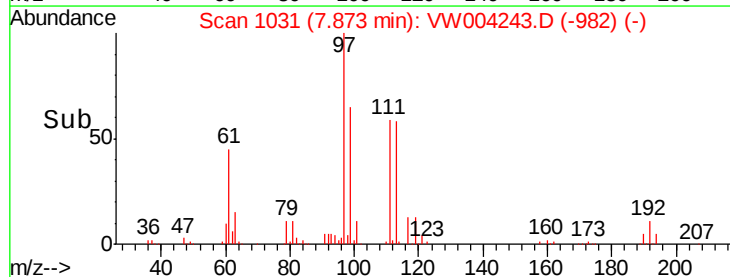
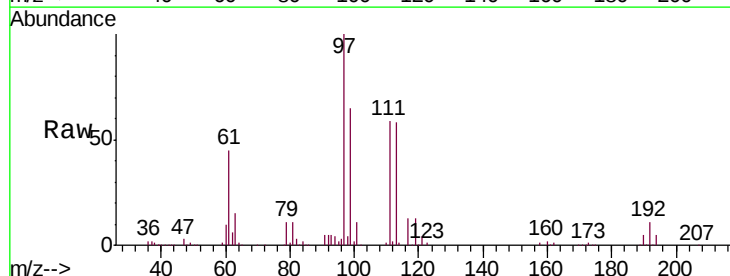
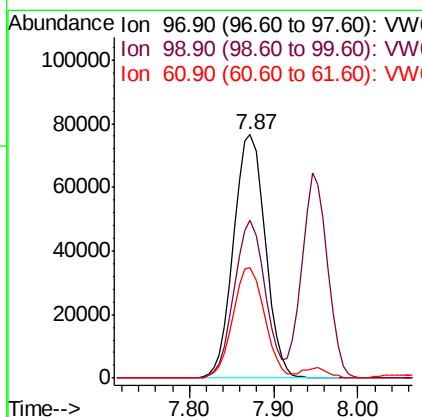
Manual Integrations
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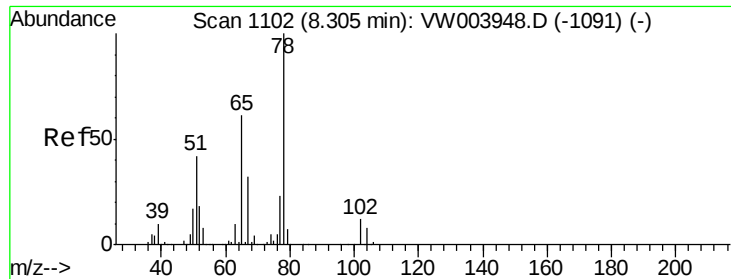
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#32
1,1,1-Trichloroethane
Concen: 51.875 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VW004243.D
Acq: 26 Jul 2018 23:45

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.3	76.9
61	45.6	36.8	55.2





#33

1,2-Dichloroethane-d4

Concen: 57.953 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.01 min

Lab File: VW004243.D

Acq: 26 Jul 2018 23:45

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 158413

Ion Ratio Lower Upper

65 100

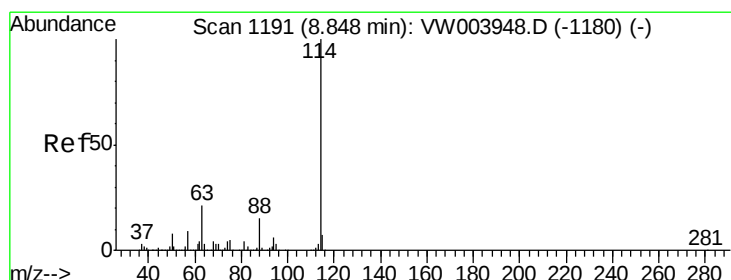
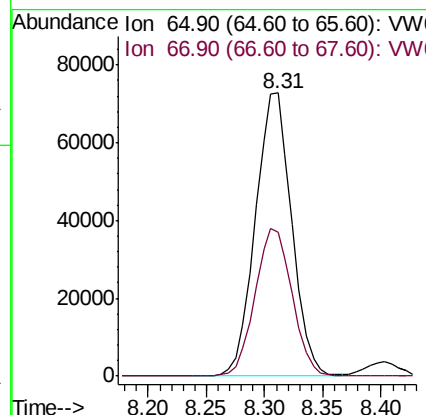
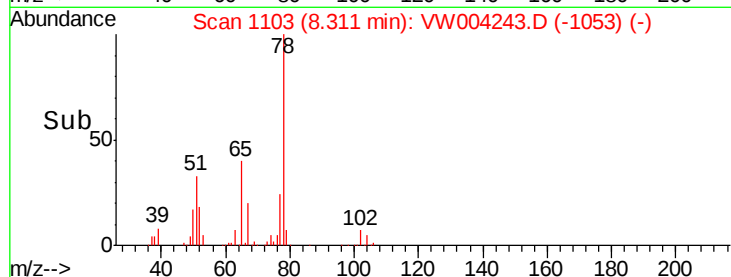
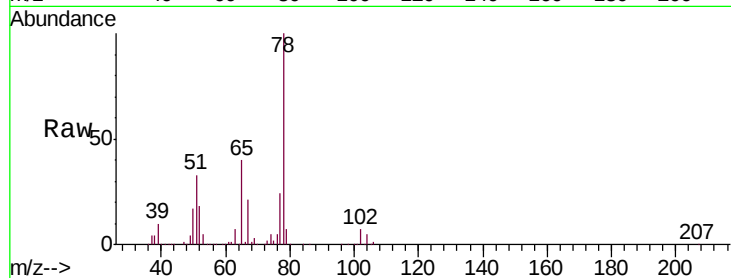
67 53.1 0.0 105.0

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VW004243.D

Acq: 26 Jul 2018 23:45

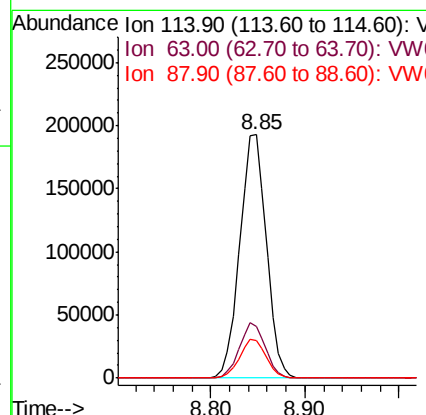
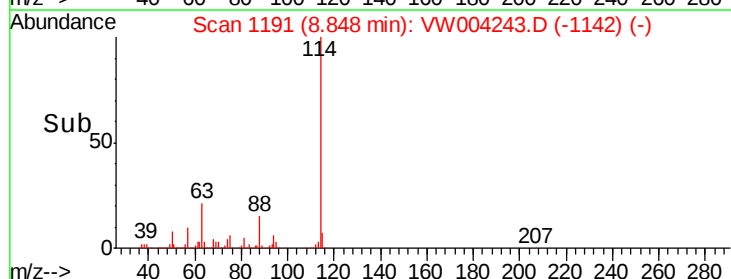
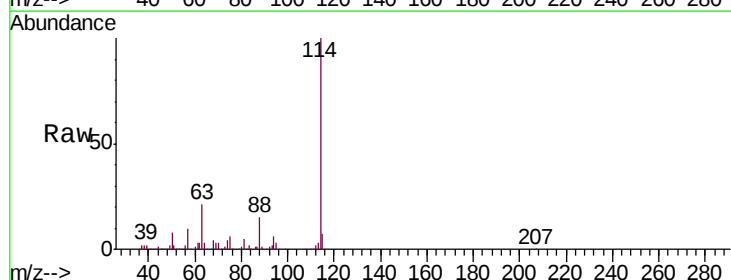
Tgt Ion: 114 Resp: 379433

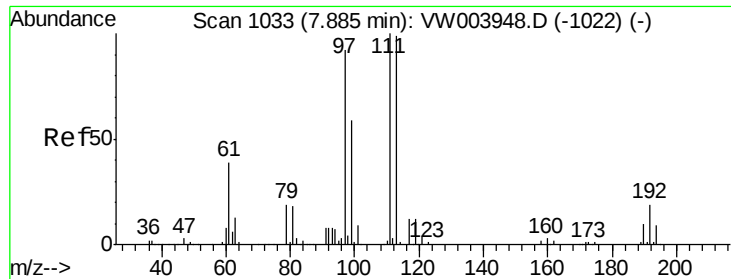
Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.8

88 15.3 0.0 30.4





#35

Dibromofluoromethane

Concen: 57.481 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW004243.D

Acq: 26 Jul 2018 23:45

Instrument :

MSVOA_W

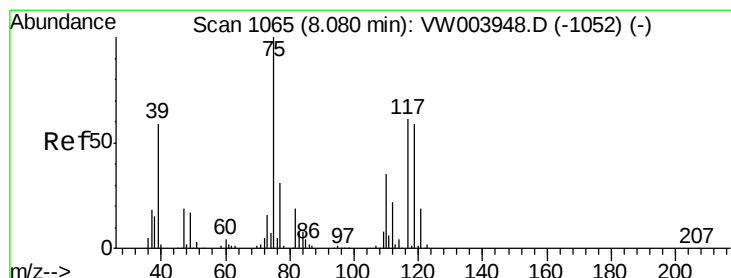
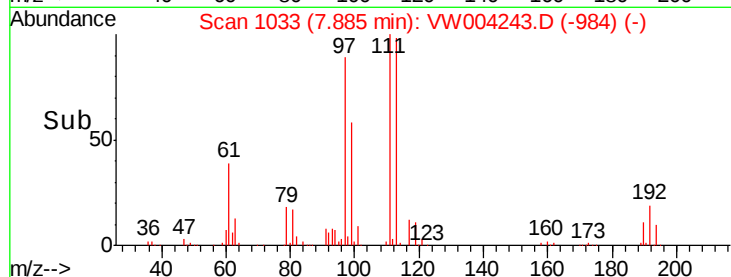
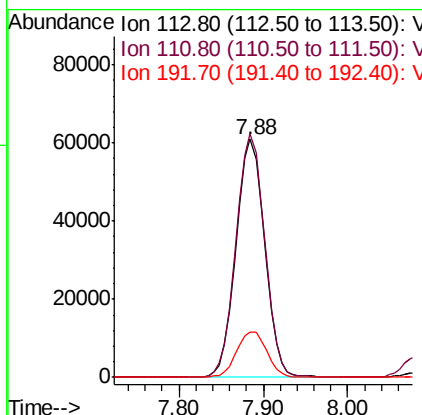
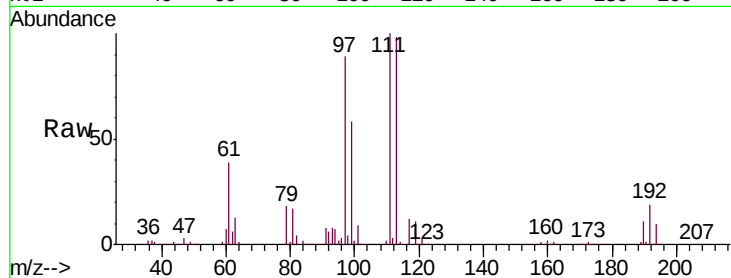
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	139939
Ion Ratio	Lower	Upper	
113	100		
111	102.6	81.3	121.9
192	20.0	15.8	23.6

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 51.591 ug/l

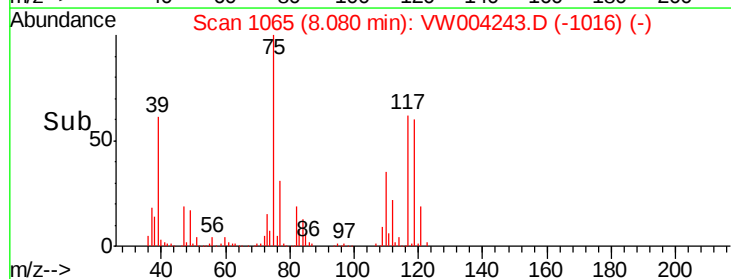
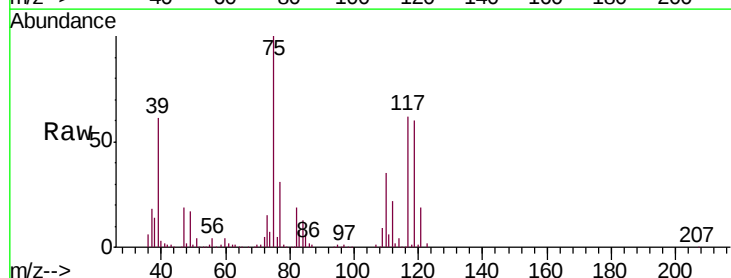
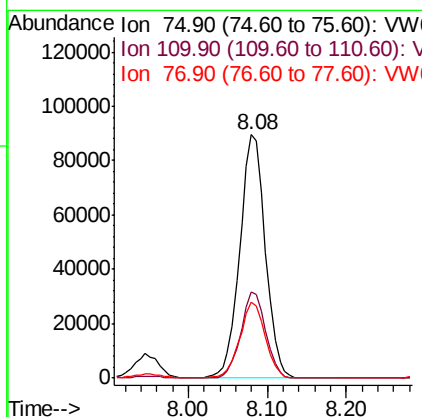
RT: 8.08 min Scan# 1065

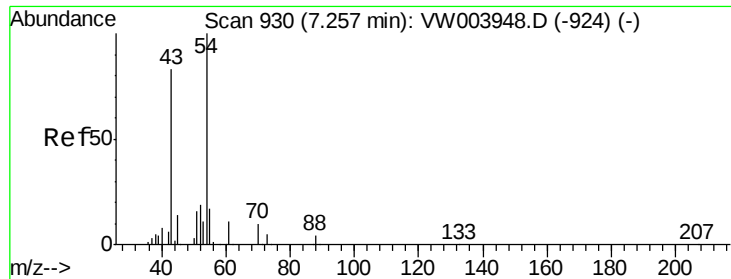
Delta R.T. -0.00 min

Lab File: VW004243.D

Acq: 26 Jul 2018 23:45

Tgt Ion:	75	Resp:	201403
Ion Ratio	Lower	Upper	
75	100		
110	34.3	17.0	51.0
77	31.3	24.9	37.3





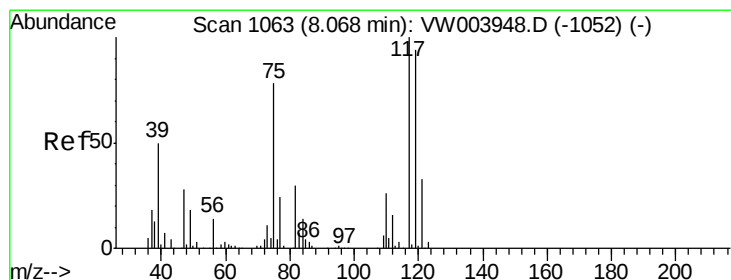
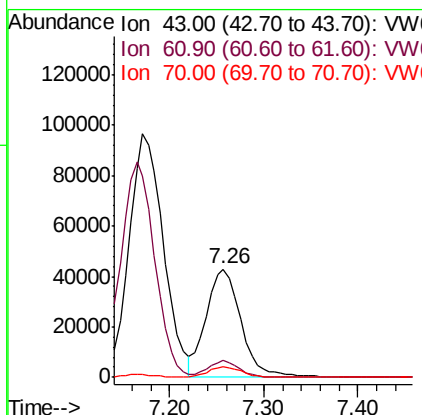
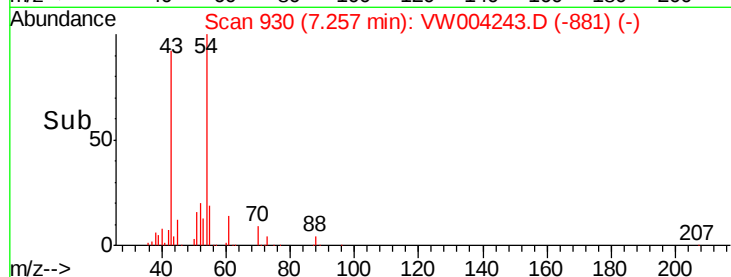
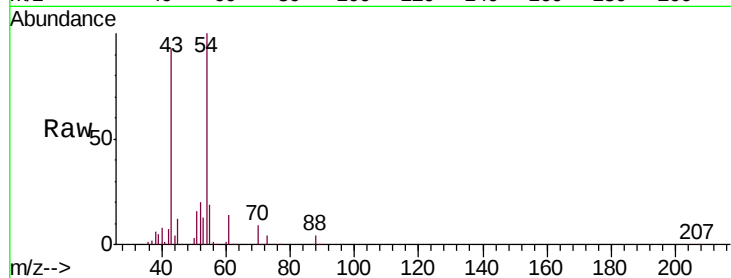
#37
Ethyl Acetate
Concen: 57.936 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.00 min
Lab File: VW004243.D
Acq: 26 Jul 2018 23:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.7	16.1
70	9.6	7.7	11.5

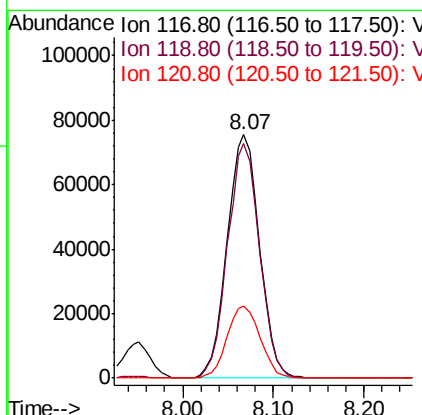
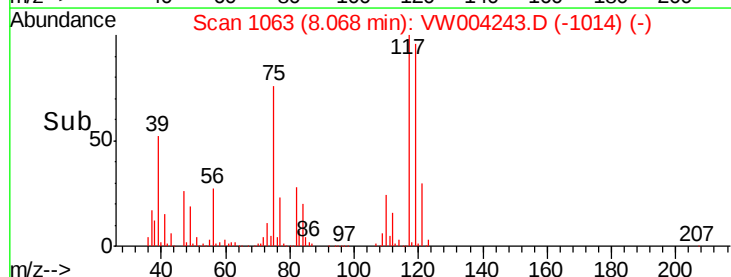
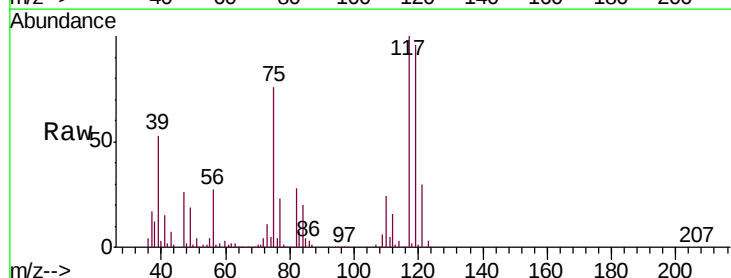
Manual Integrations
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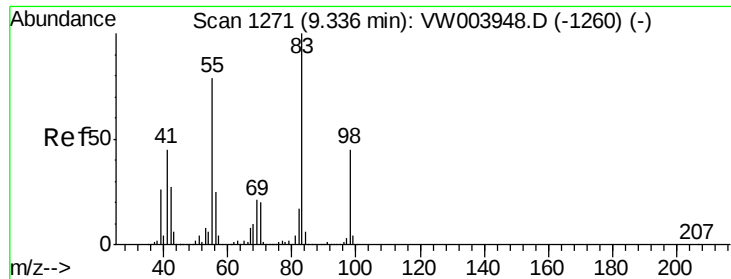
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#38
Carbon Tetrachloride
Concen: 51.324 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VW004243.D
Acq: 26 Jul 2018 23:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	75.3	112.9
121	29.9	26.0	39.0





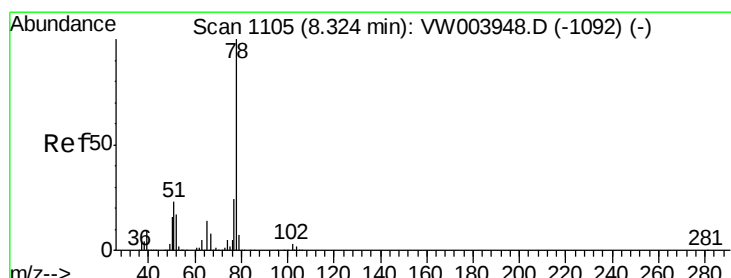
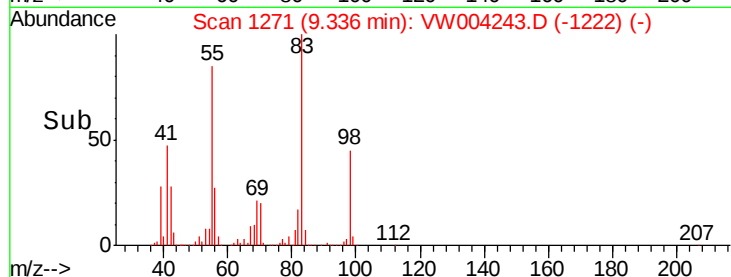
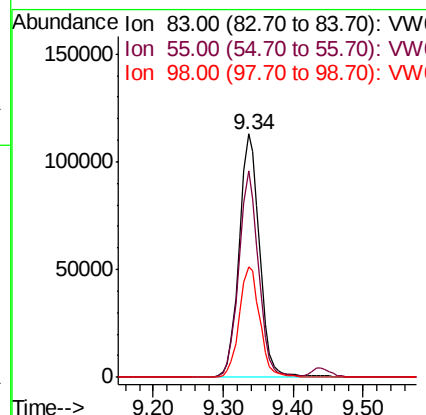
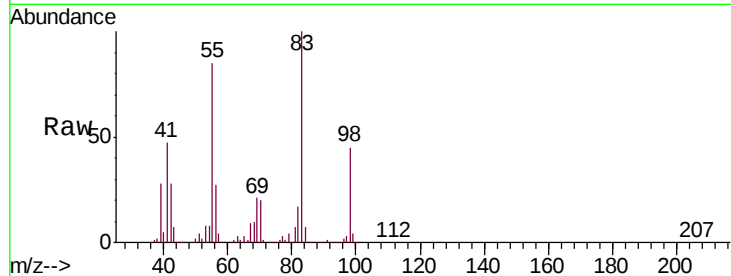
#39
Methvlcvclohexane
Concen: 49.936 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW004243.D
Acq: 26 Jul 2018 23:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	228303		
55	84.8		62.8	94.2
98	45.4		36.2	54.4

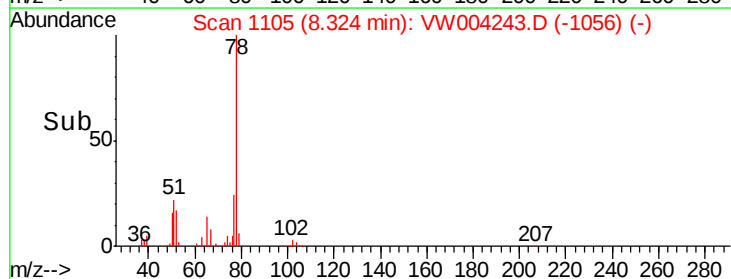
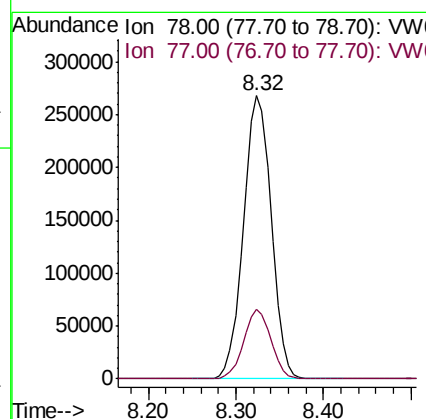
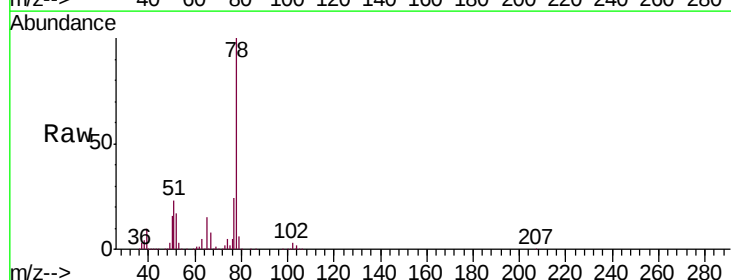
Manual Integrations
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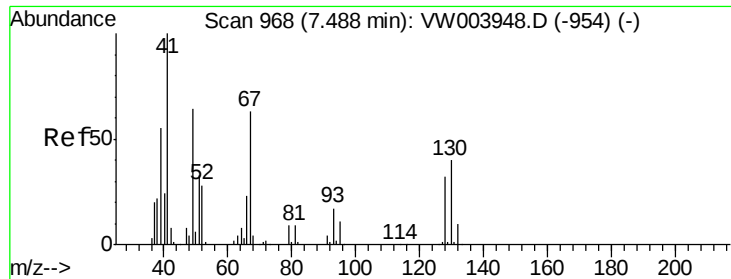
apatel
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#40
Benzene
Concen: 54.589 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW004243.D
Acq: 26 Jul 2018 23:45

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	591229		
77	24.5		19.5	29.3





#41

Methacrylonitrile

Concen: 63.505 ug/l

RT: 7.48 min Scan# 967

Delta R.T. -0.01 min

Lab File: VW004243.D

Acq: 26 Jul 2018 23:45

Instrument :

MSVOA_W

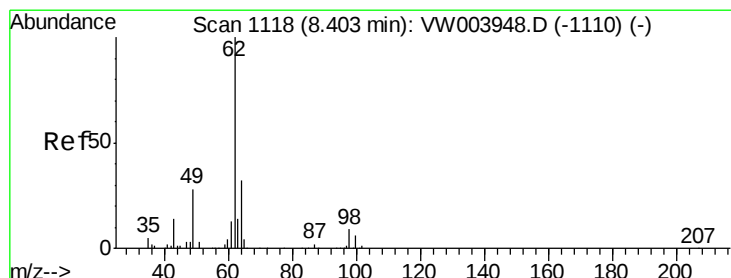
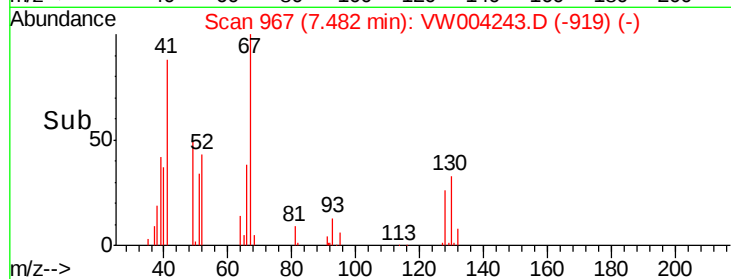
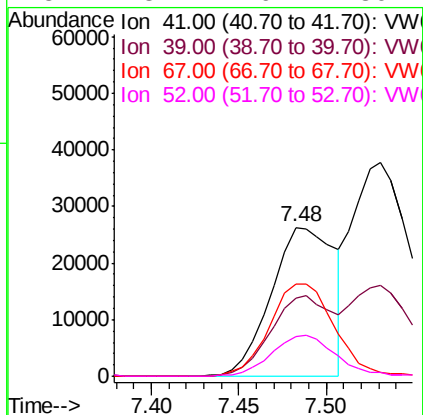
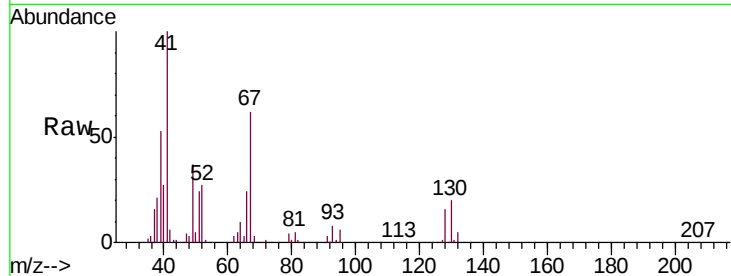
ClientSampleId :

VSTDCCC050

Tot Ion:	41	Resp:	66257
Ion	Ratio	Lower	Upper
41	100		
39	53.1	50.0	75.0
67	63.5	60.8	91.2
52	28.4	26.2	39.4

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 55.219 ug/l

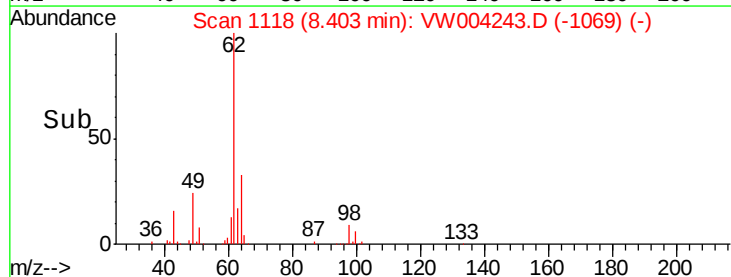
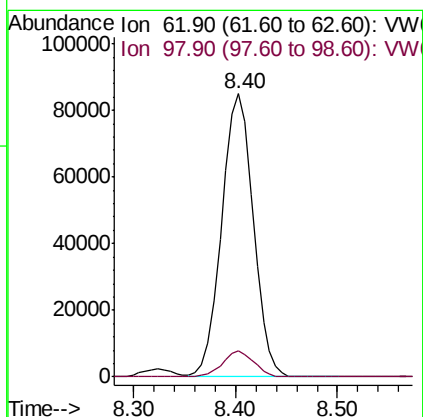
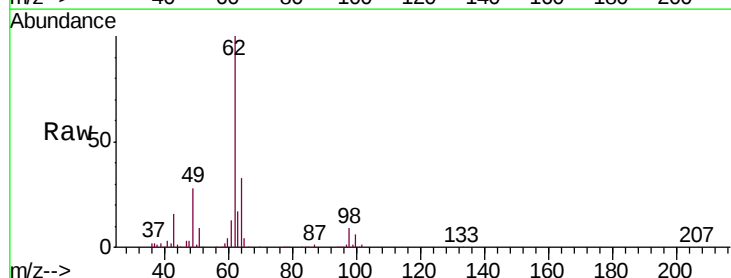
RT: 8.40 min Scan# 1118

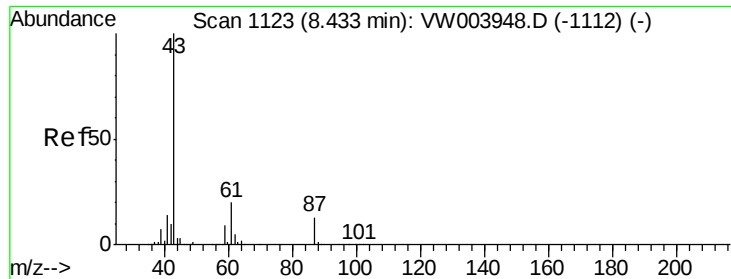
Delta R.T. -0.00 min

Lab File: VW004243.D

Acq: 26 Jul 2018 23:45

Tgt Ion:	62	Resp:	182457
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.4





#43

Isopropyl Acetate

Concen: 57.250 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VW004243.D

Acq: 26 Jul 2018 23:45

Instrument :

MSVOA_W

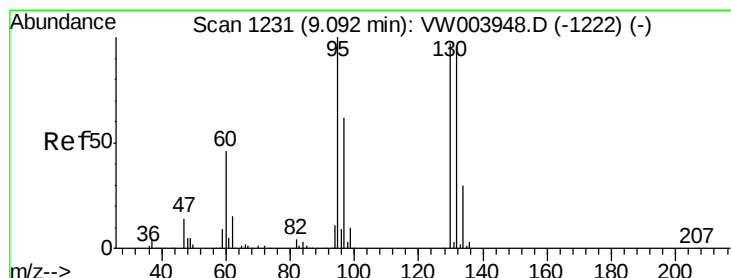
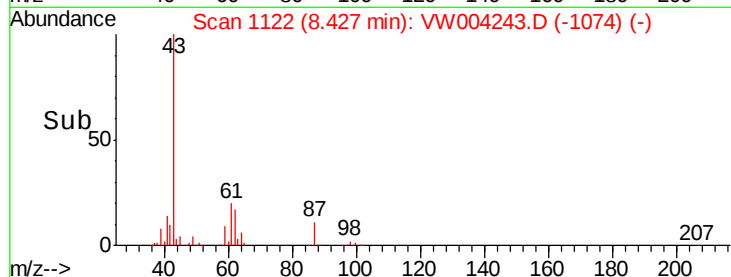
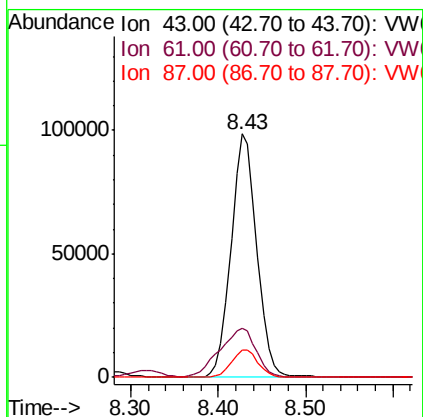
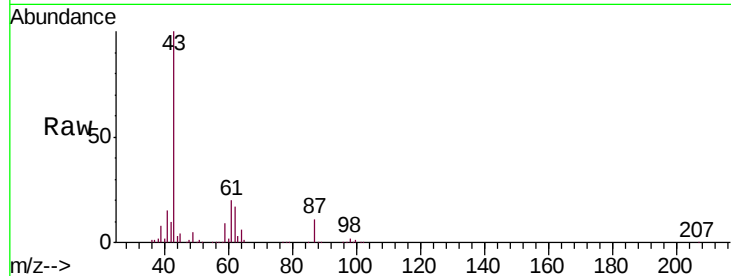
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	201622
Ion	Ratio	Lower	Upper
43	100		
61	28.6	23.0	34.6
87	11.6	9.9	14.9

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#44

Trichloroethene

Concen: 51.585 ug/l

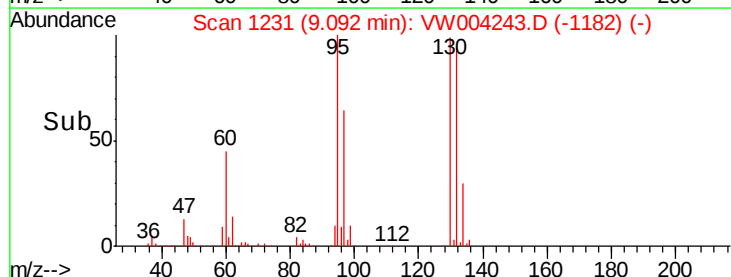
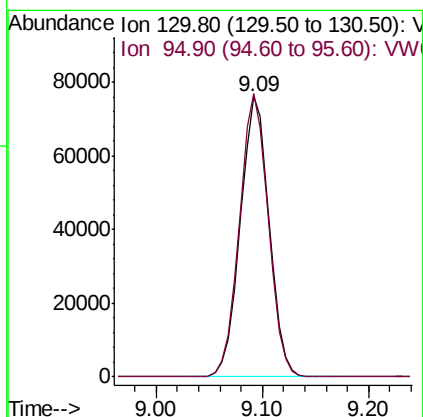
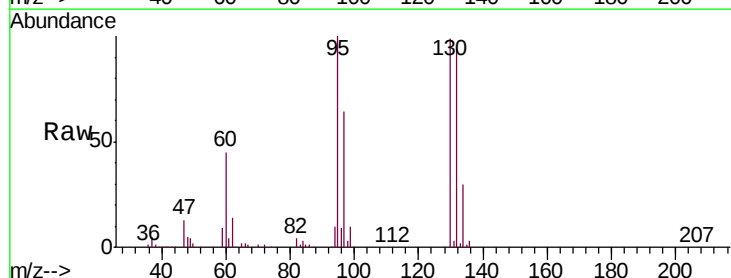
RT: 9.09 min Scan# 1231

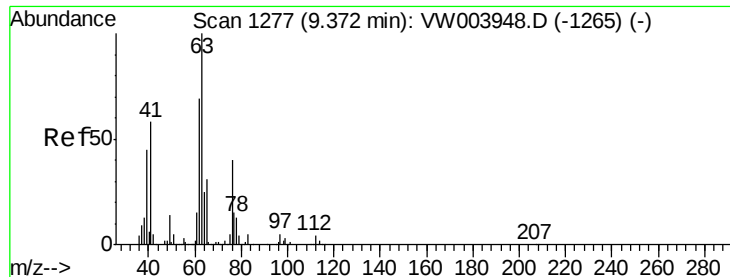
Delta R.T. -0.00 min

Lab File: VW004243.D

Acq: 26 Jul 2018 23:45

Tgt Ion:	130	Resp:	144822
Ion	Ratio	Lower	Upper
130	100		
95	100.9	0.0	206.8





#45

1,2-Dichloropropane

Concen: 56.626 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. -0.00 min

Lab File: VW004243.D

Acq: 26 Jul 2018 23:45

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 156531

Ion Ratio Lower Upper

63 100

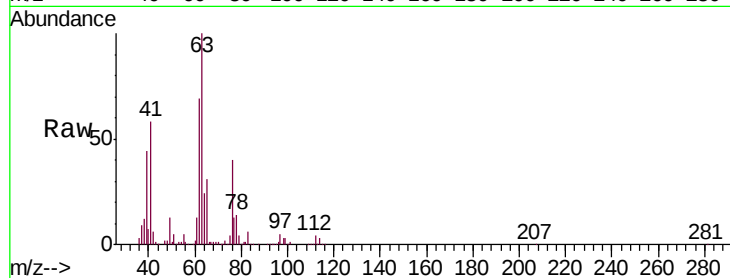
65 30.6 24.8 37.2

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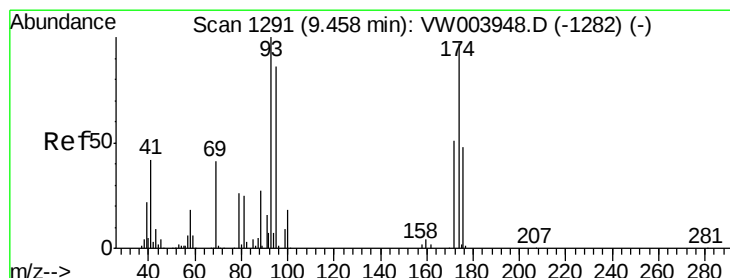
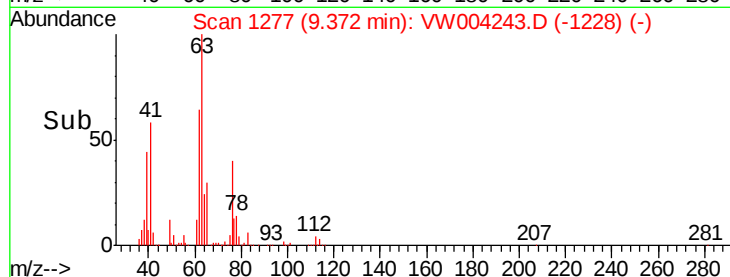
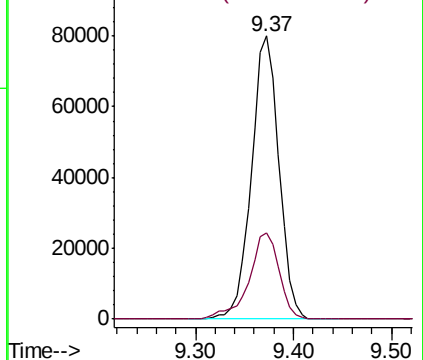
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Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 56.767 ug/l

RT: 9.46 min Scan# 1291

Delta R.T. -0.00 min

Lab File: VW004243.D

Acq: 26 Jul 2018 23:45

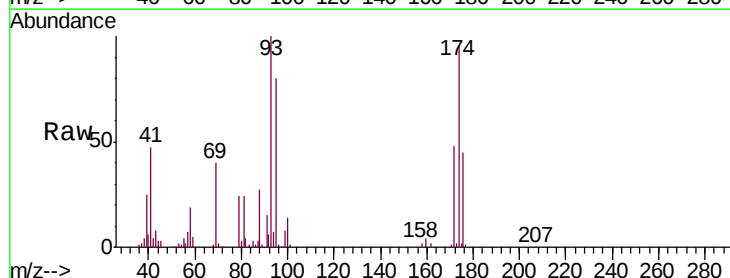
Tgt Ion: 93 Resp: 81427

Ion Ratio Lower Upper

93 100

95 81.7 66.9 100.3

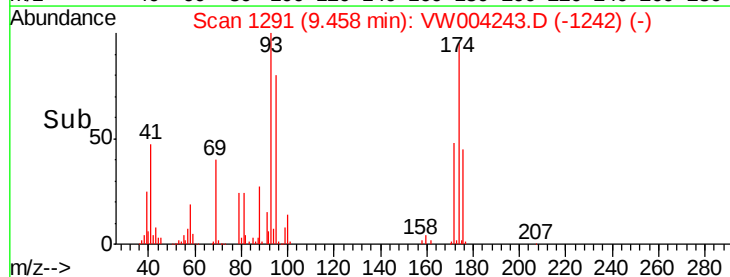
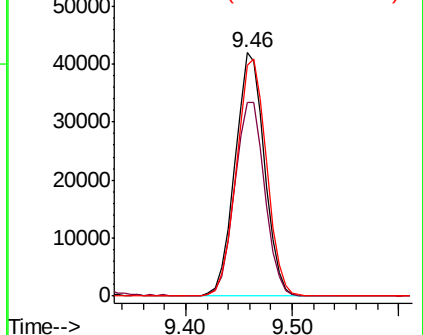
174 99.3 80.2 120.2

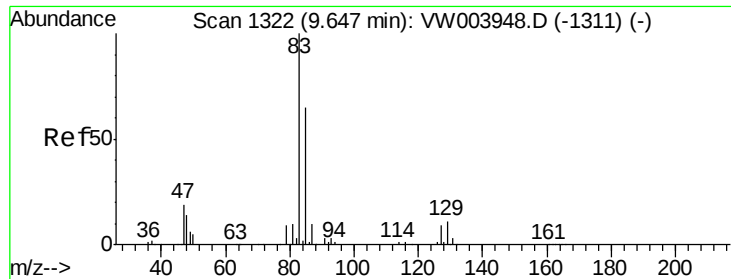


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





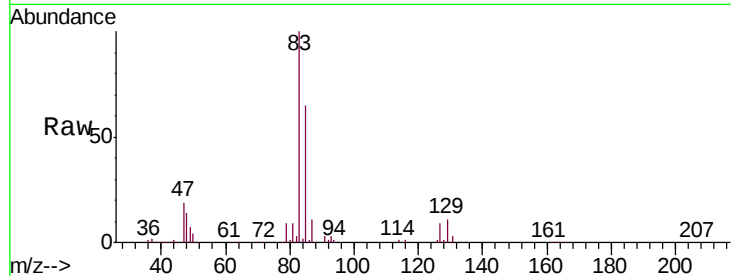
#47
Bromodichloromethane
Concen: 55.493 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VW004243.D
Acq: 26 Jul 2018 23:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

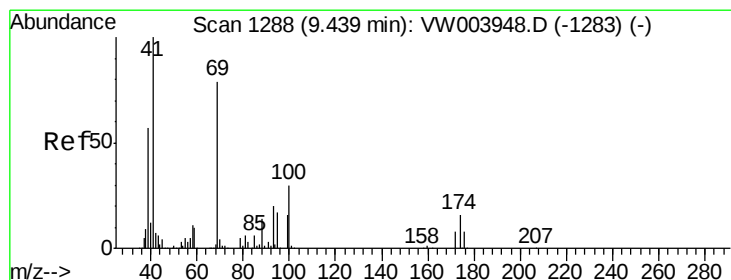
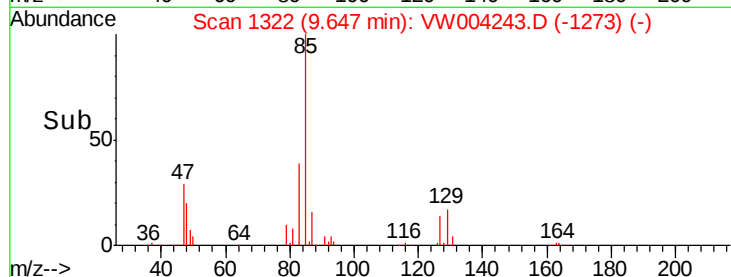
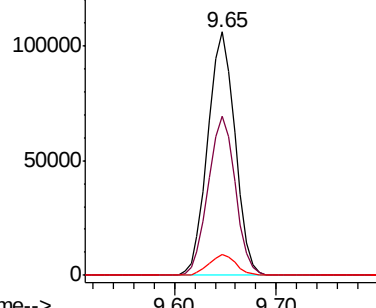
Tot Ion	Ratio	Lower	Upper
83	100		
85	65.2	52.2	78.2
127	8.8	7.0	10.4

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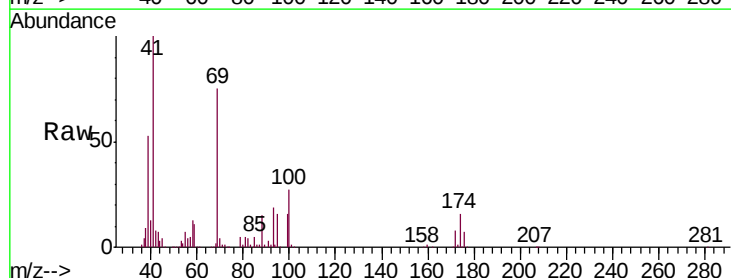


Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V

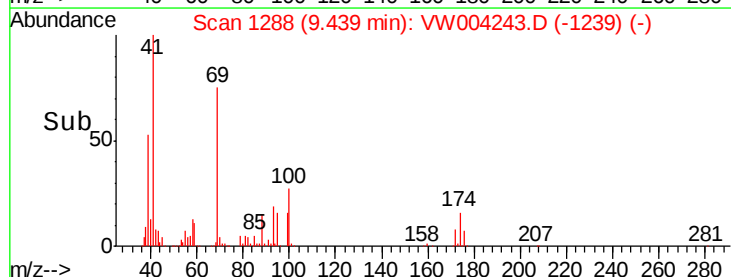
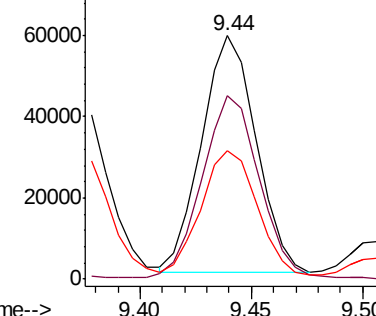


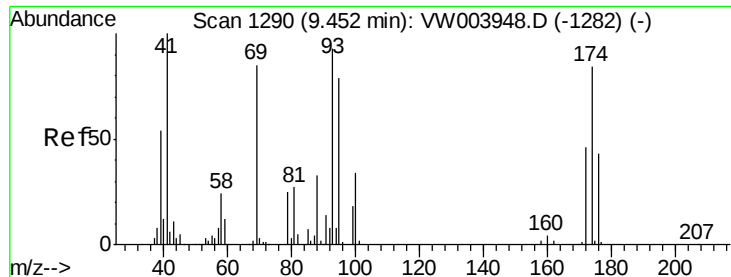
#48
Methyl methacrylate
Concen: 58.027 ug/l
RT: 9.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VW004243.D
Acq: 26 Jul 2018 23:45

Tgt Ion	Ratio	Lower	Upper
41	100		
69	83.3	67.0	100.6
39	57.6	48.8	73.2



Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 1256.513 ug/l

RT: 9.45 min Scan# 1290

Delta R.T. -0.00 min

Lab File: VW004243.D

Acq: 26 Jul 2018 23:45

Instrument :

MSVOA_W

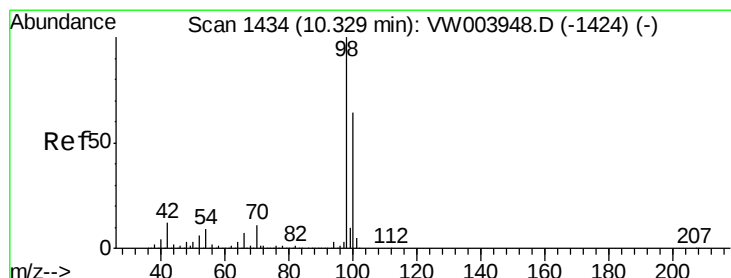
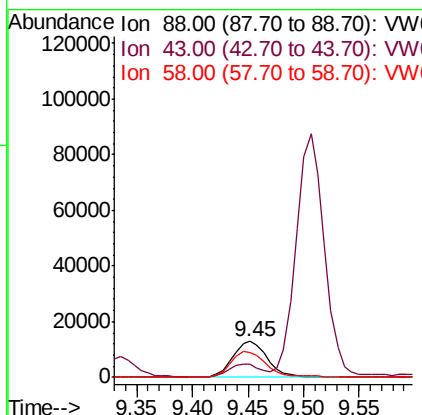
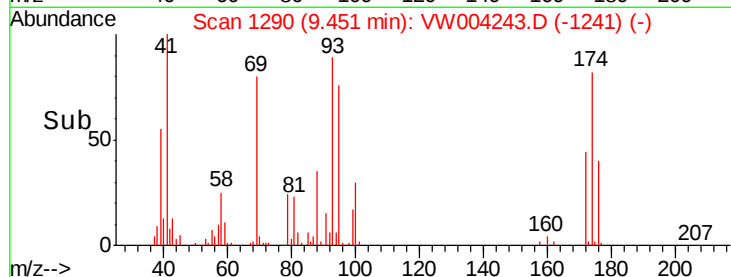
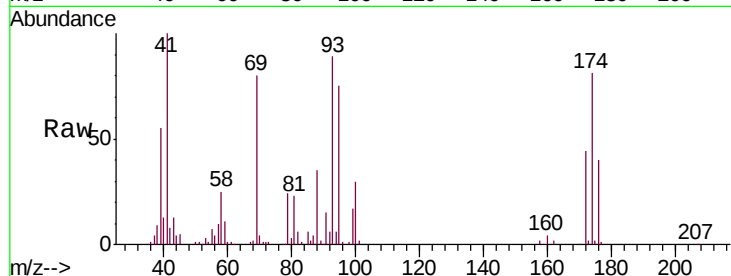
ClientSampleId :

VSTDCCC050

Tot Ion:	88	Resp:	27705
Ion Ratio	Lower	Upper	
88	100		
43	34.6	27.3	40.9
58	73.8	61.1	91.7

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#50

Toluene-d8

Concen: 57.199 ug/l

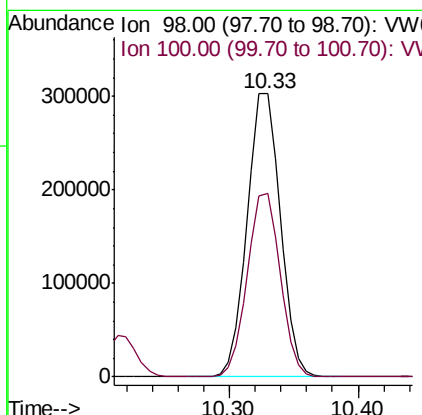
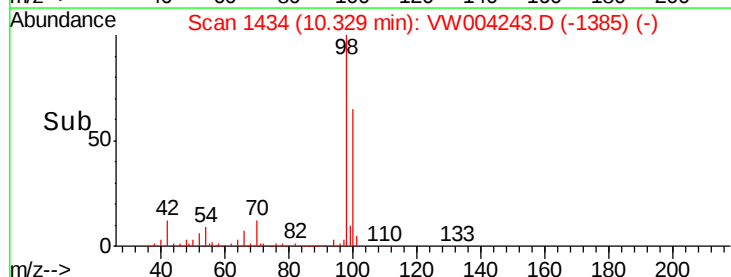
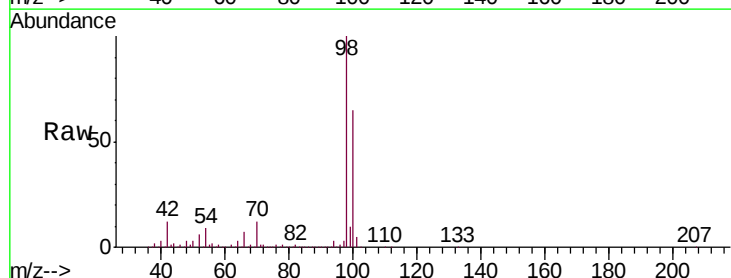
RT: 10.33 min Scan# 1434

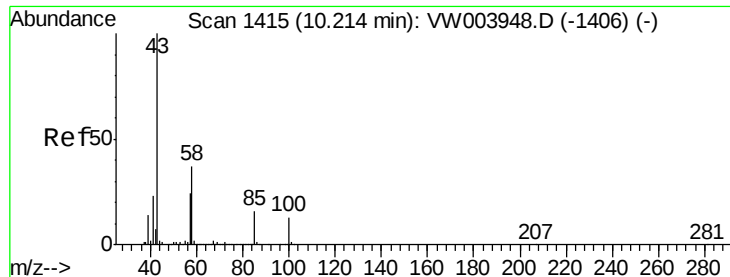
Delta R.T. -0.00 min

Lab File: VW004243.D

Acq: 26 Jul 2018 23:45

Tgt Ion:	98	Resp:	540333
Ion Ratio	Lower	Upper	
98	100		
100	64.3	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 300.099 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VW004243.D

Acq: 26 Jul 2018 23:45

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 563067

Ion Ratio Lower Upper

43 100

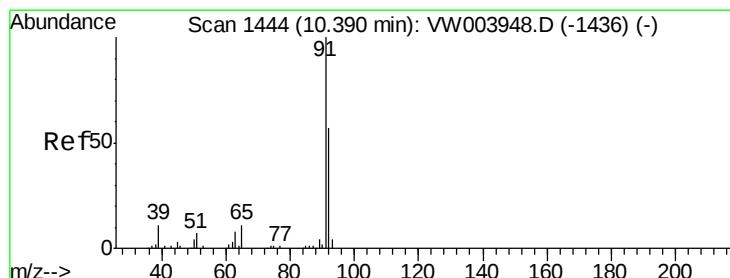
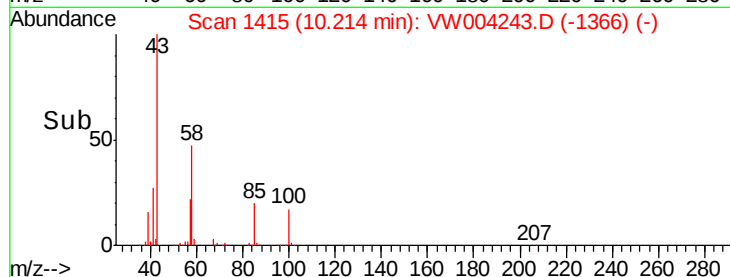
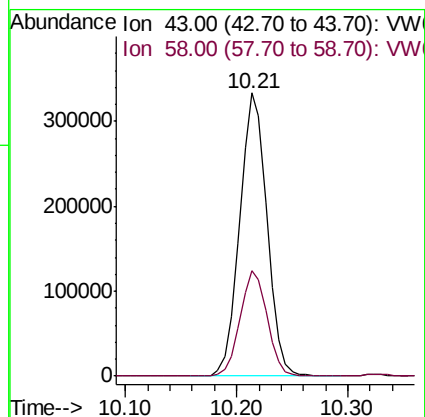
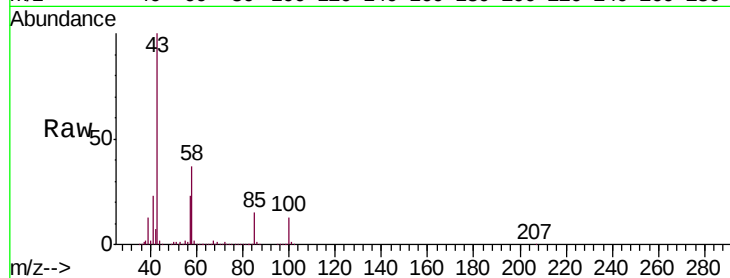
58 37.1 29.9 44.9

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#52

Toluene

Concen: 54.777 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW004243.D

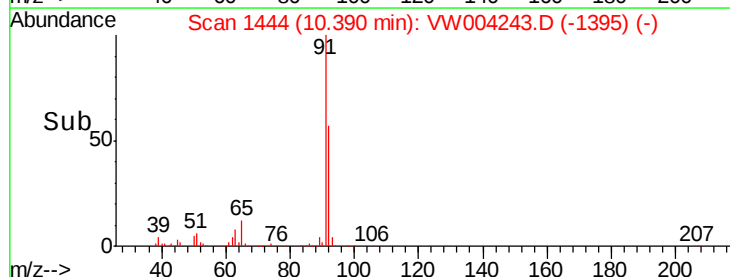
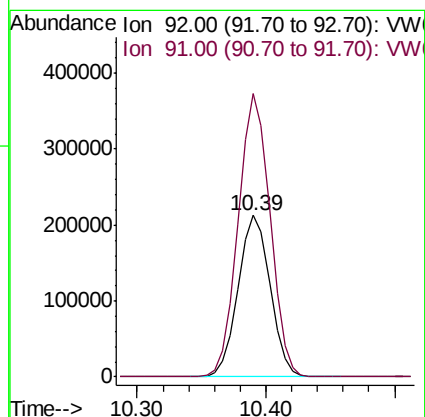
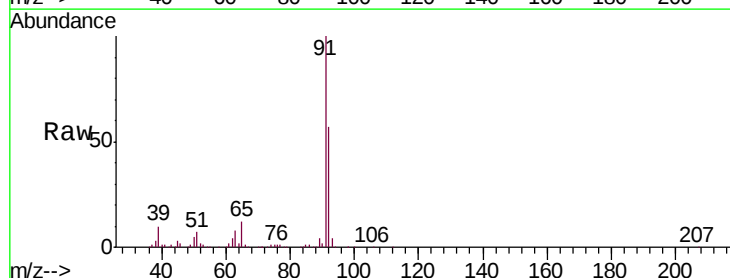
Acq: 26 Jul 2018 23:45

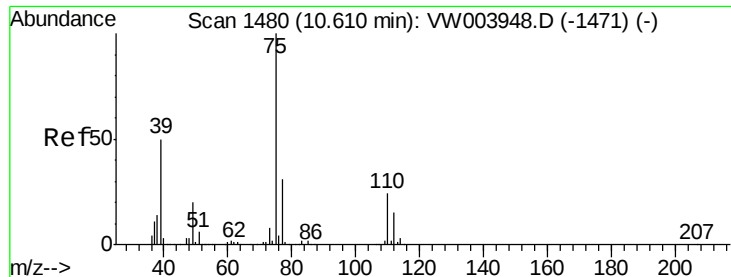
Tgt Ion: 92 Resp: 366861

Ion Ratio Lower Upper

92 100

91 174.5 139.6 209.4





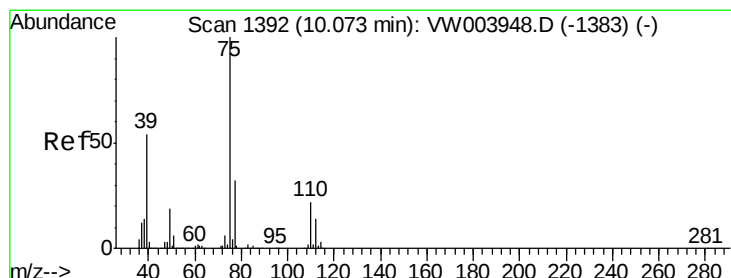
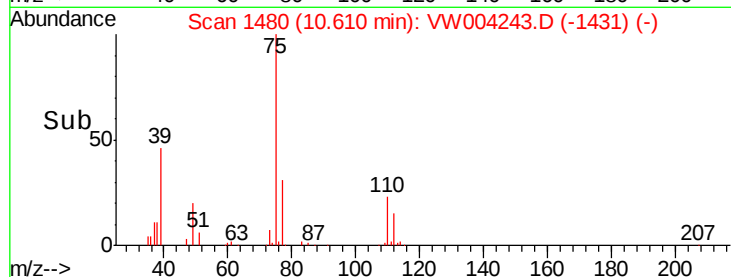
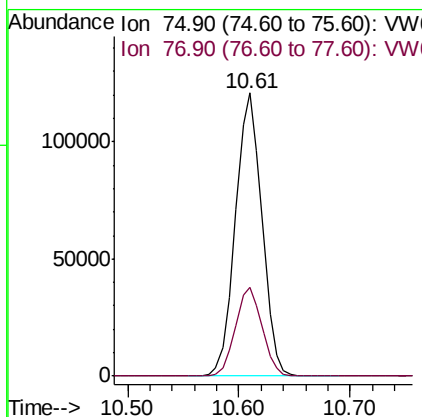
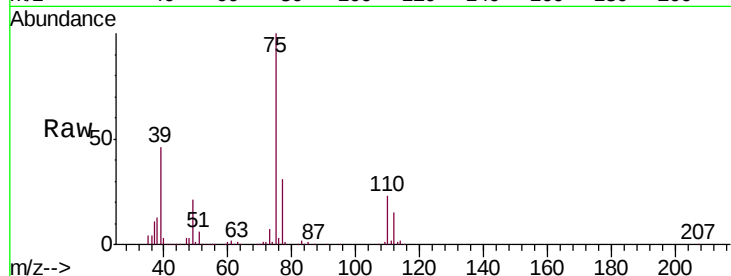
#53
 t-1,3-Dichloropropene
 Concen: 53.738 ug/l
 RT: 10.61 min Scan# 1480
 Delta R.T. -0.00 min
 Lab File: VW004243.D
 Acq: 26 Jul 2018 23:45

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tot Ion: 75 Resp: 198711
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.2 37.8

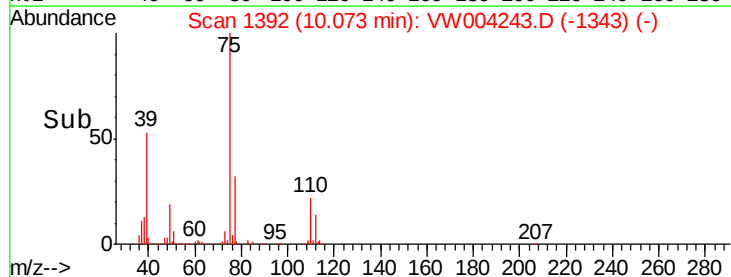
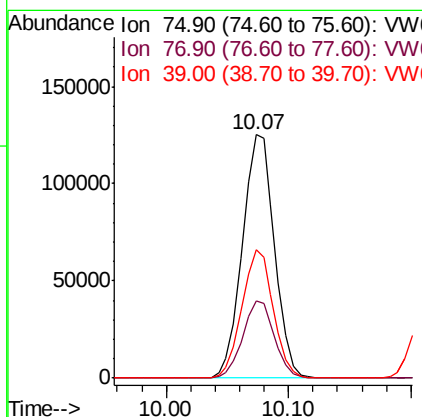
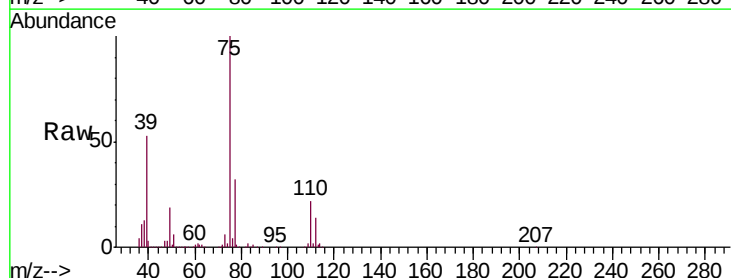
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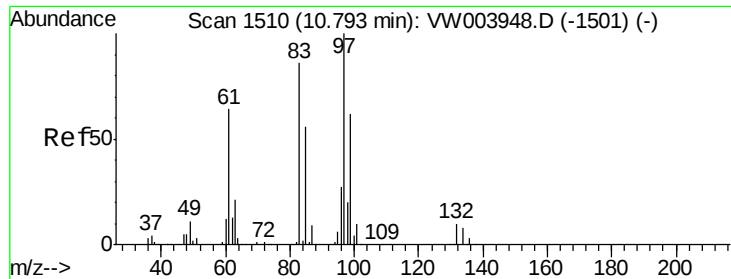
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#54
 cis-1,3-Dichloropropene
 Concen: 53.710 ug/l
 RT: 10.07 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW004243.D
 Acq: 26 Jul 2018 23:45

Tgt Ion: 75 Resp: 227202
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.2
 39 52.7 43.0 64.6





#55

1,1,2-Trichloroethane

Concen: 57.156 ug/l

RT: 10.79 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VW004243.D

Acq: 26 Jul 2018 23:45

Instrument :

MSVOA_W

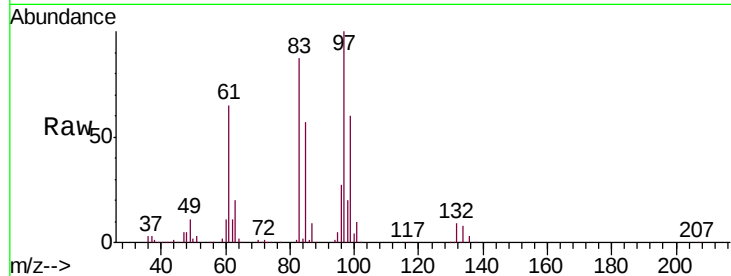
ClientSampleId :

VSTDCCC050

Tot Ion:	97	Resp:	115306
Ion	Ratio	Lower	Upper
97	100		
83	86.8	69.0	103.4
85	56.7	45.0	67.6
99	60.4	49.9	74.9

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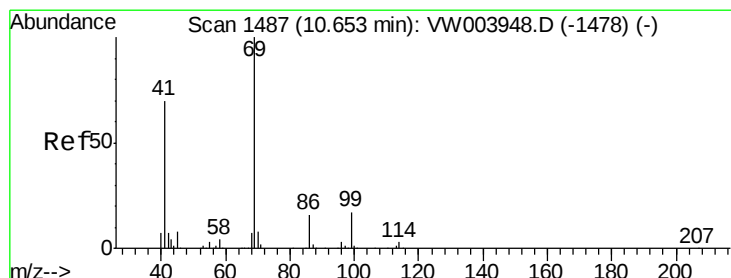
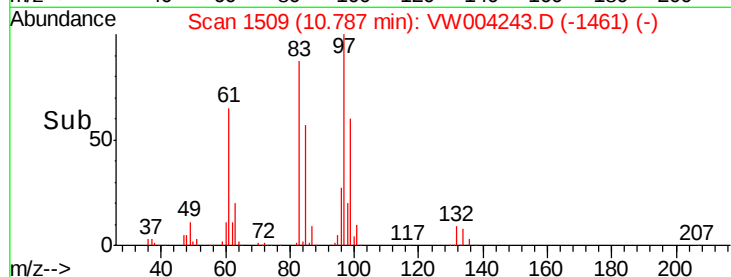
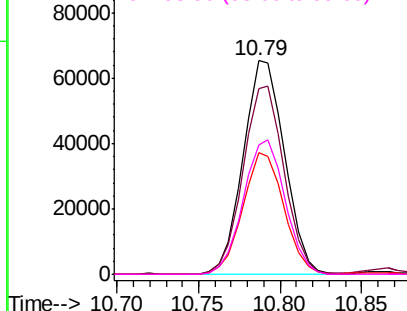
Abundance

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: 52.374 ug/l

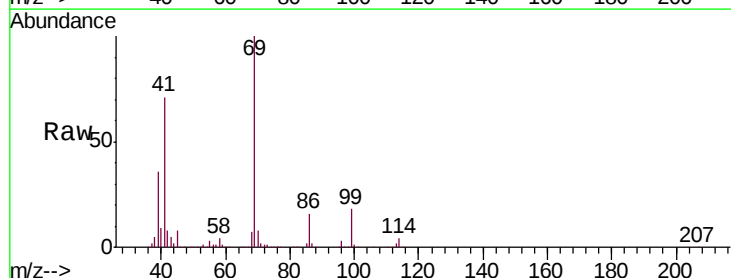
RT: 10.65 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW004243.D

Acq: 26 Jul 2018 23:45

Tgt Ion:	69	Resp:	151560
Ion	Ratio	Lower	Upper
69	100		
41	71.2	56.5	84.7
39	33.1	30.2	45.4

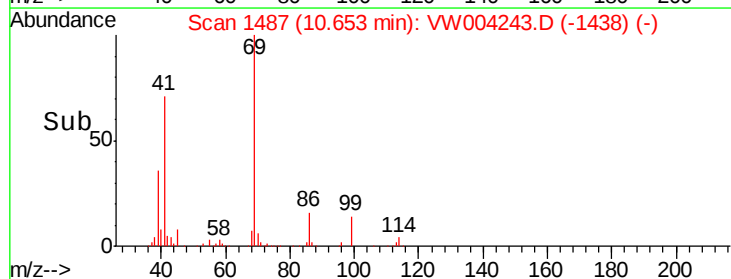
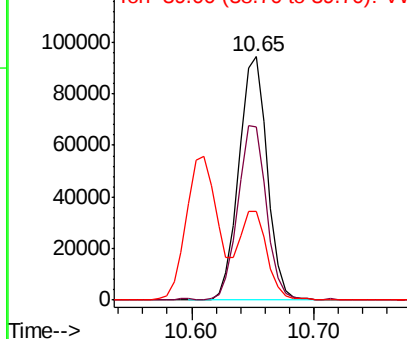


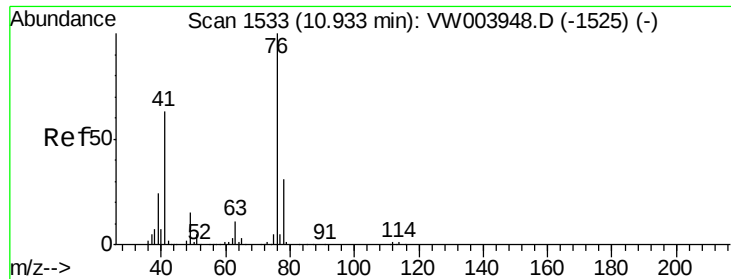
Abundance

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





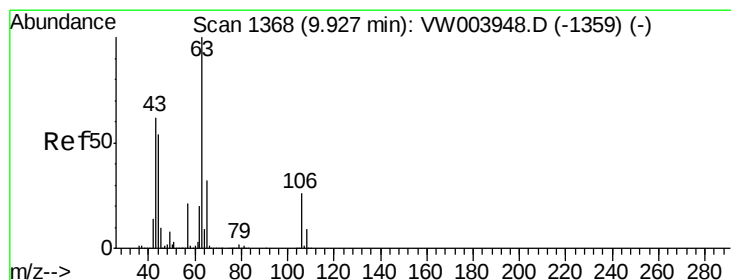
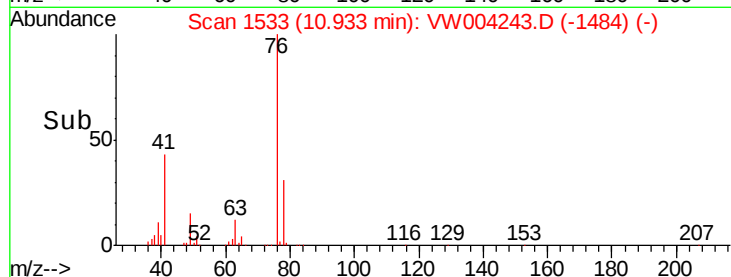
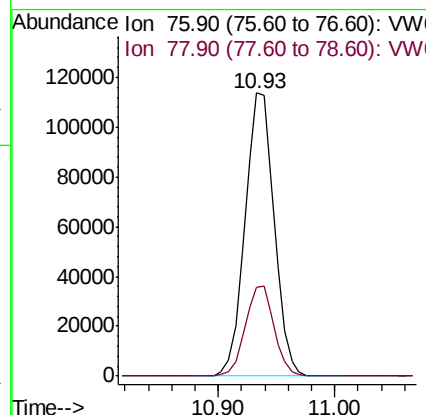
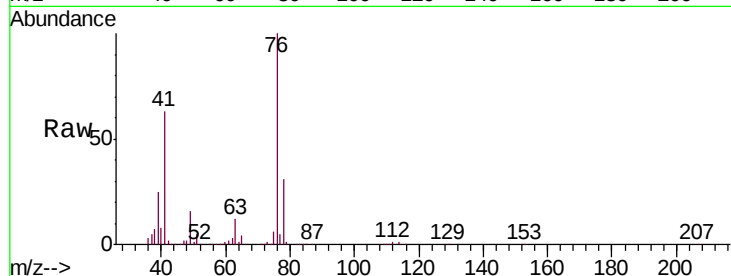
#57
 1,3-Dichloropropane
 Concen: 56.658 ug/l
 RT: 10.93 min Scan# 1533
 Delta R.T. -0.00 min
 Lab File: VW004243.D
 Acq: 26 Jul 2018 23:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 198588
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.2 37.8

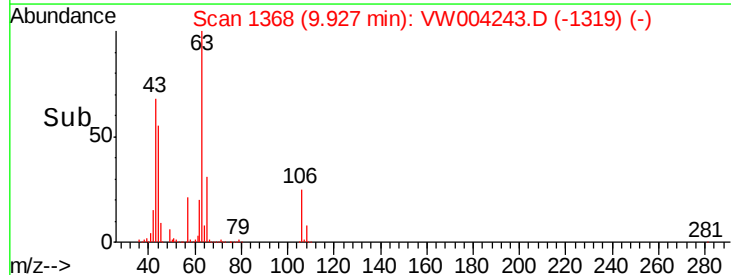
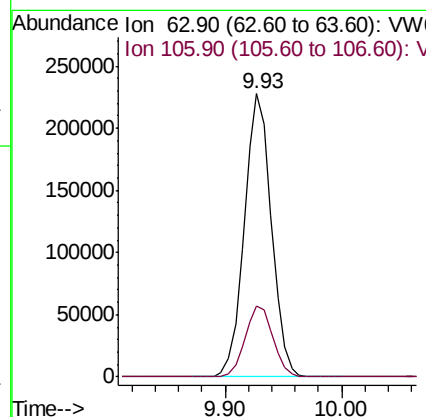
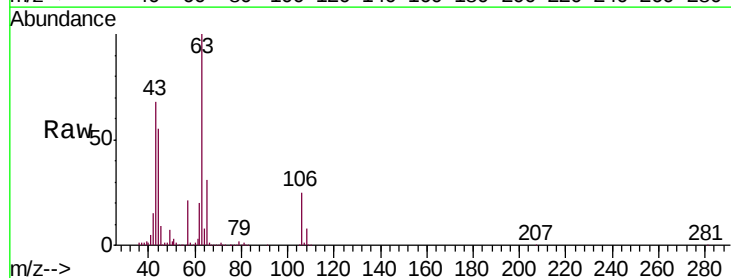
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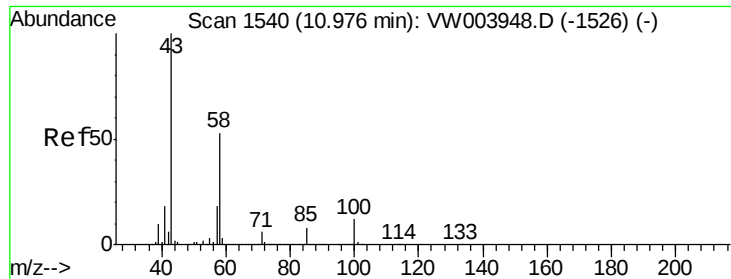
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#58
 2-Chloroethyl Vinyl ether
 Concen: 307.963 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VW004243.D
 Acq: 26 Jul 2018 23:45

Tgt Ion: 63 Resp: 368568
 Ion Ratio Lower Upper
 63 100
 106 25.8 21.2 31.8





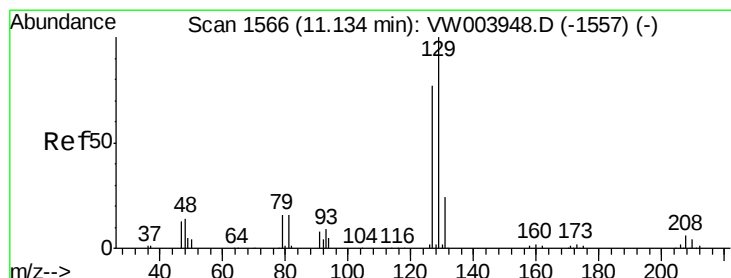
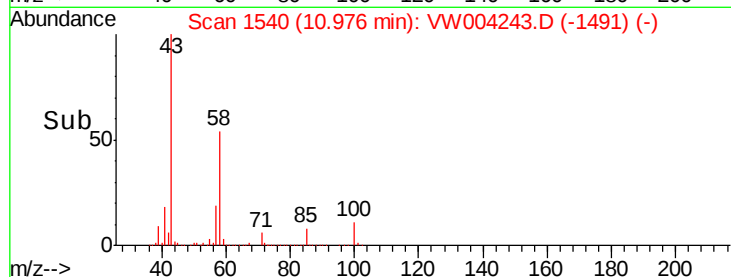
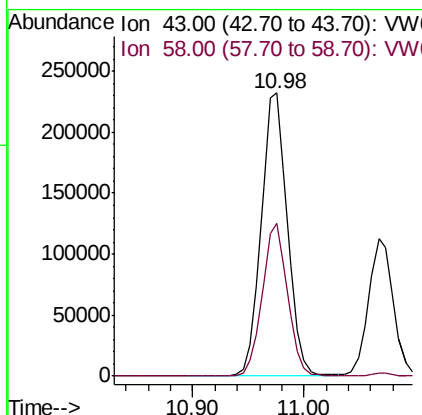
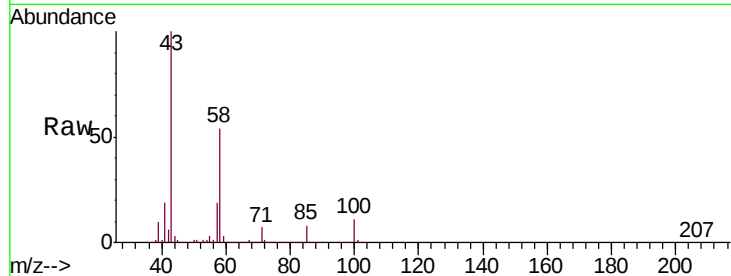
#59
2-Hexanone
Concen: 288.118 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW004243.D
Acq: 26 Jul 2018 23:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 381013
Ion Ratio Lower Upper
43 100
58 52.1 26.0 78.0

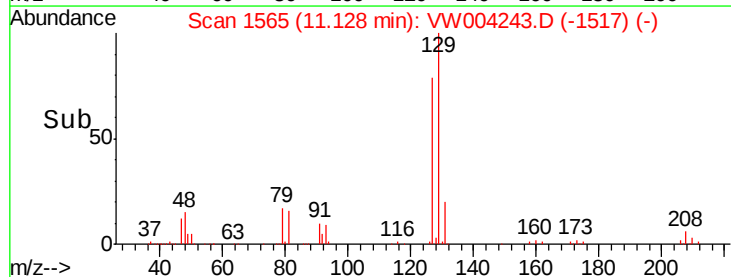
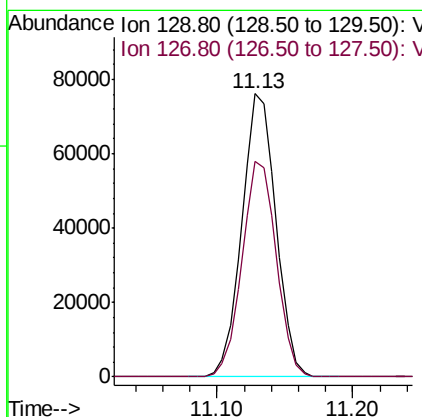
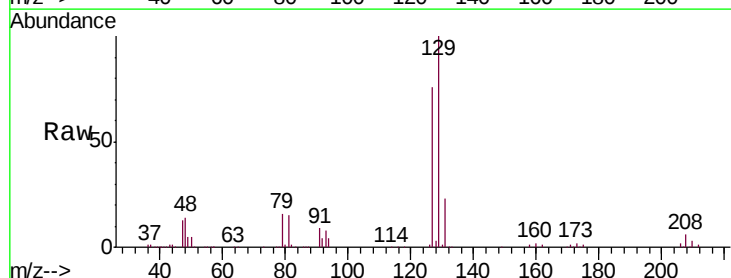
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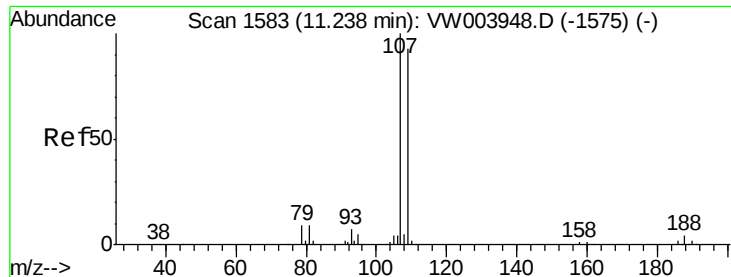
apatel
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#60
Dibromochloromethane
Concen: 56.763 ug/l
RT: 11.13 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VW004243.D
Acq: 26 Jul 2018 23:45

Tgt Ion: 129 Resp: 133357
Ion Ratio Lower Upper
129 100
127 76.6 39.1 117.3





#61

1,2-Dibromoethane

Concen: 55.815 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VW004243.D

Acq: 26 Jul 2018 23:45

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 107141

Ion Ratio Lower Upper

107 100

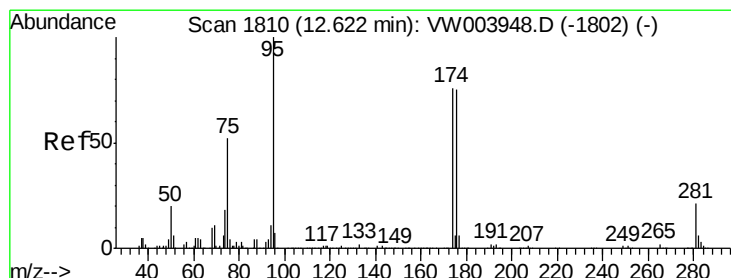
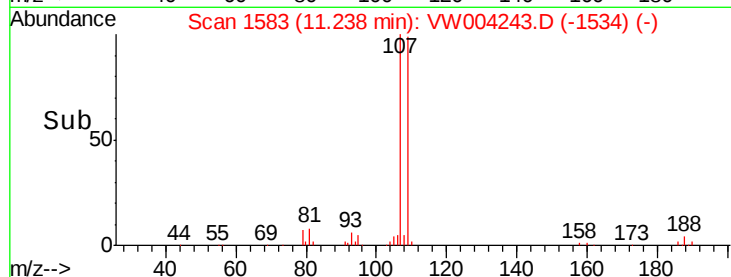
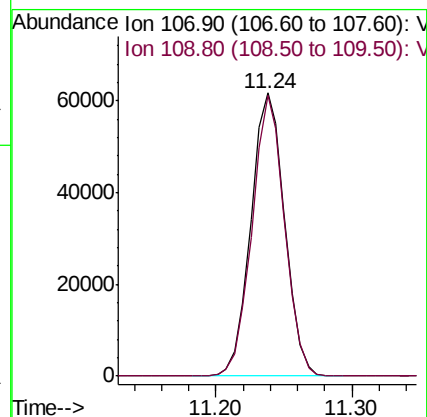
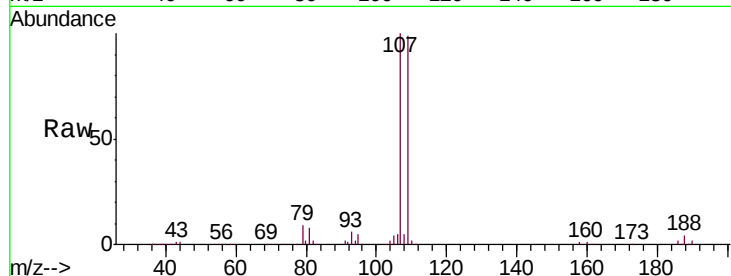
109 95.5 74.3 111.5

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#62

4-Bromofluorobenzene

Concen: 57.959 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW004243.D

Acq: 26 Jul 2018 23:45

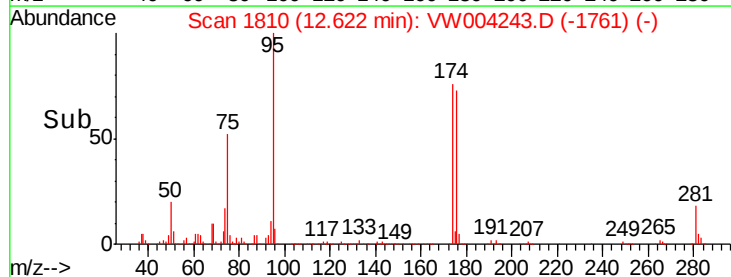
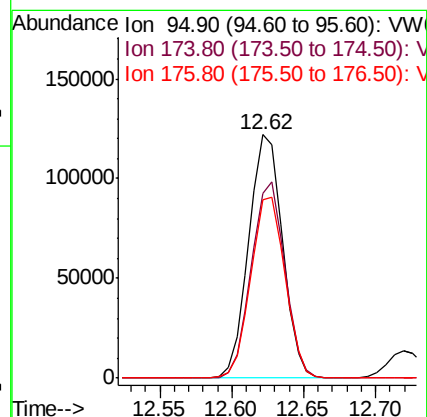
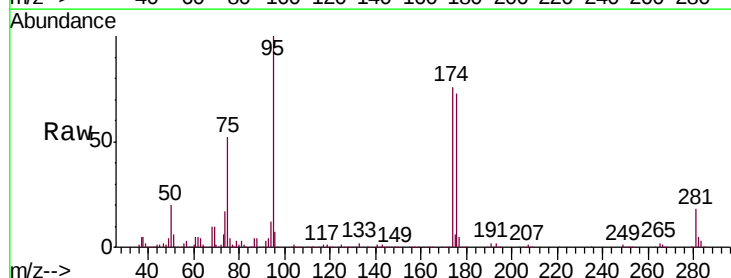
Tgt Ion: 95 Resp: 197436

Ion Ratio Lower Upper

95 100

174 80.0 0.0 160.2

176 76.0 0.0 155.8





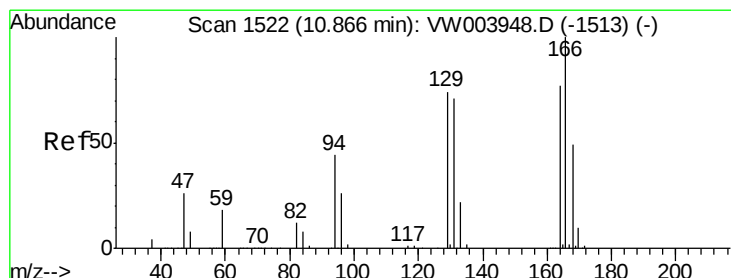
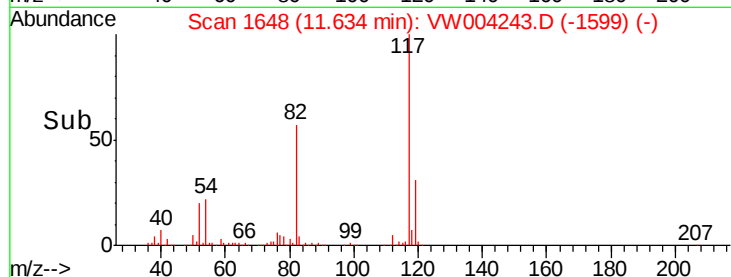
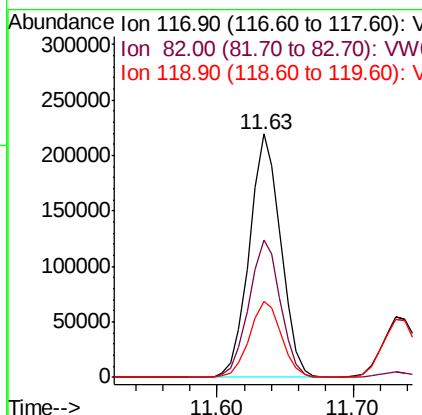
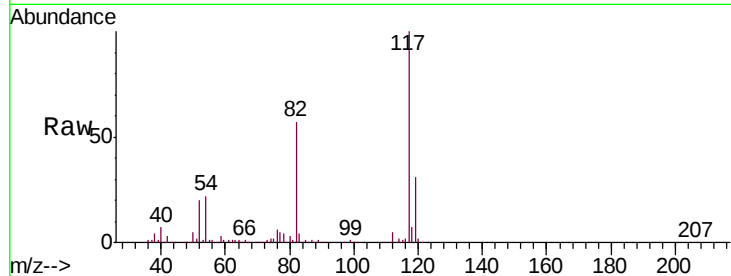
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004243.D
Acq: 26 Jul 2018 23:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.6	46.5	69.7
119	31.3	26.2	39.2

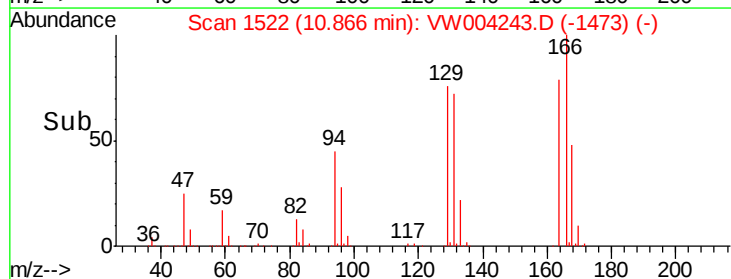
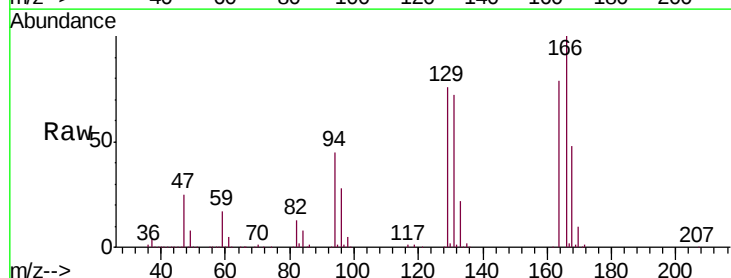
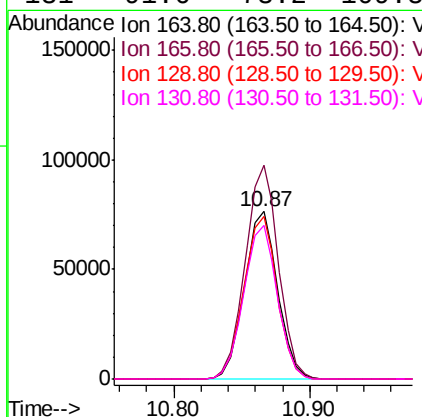
Manual Integrations
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#64
Tetrachloroethene
Concen: 53.755 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW004243.D
Acq: 26 Jul 2018 23:45

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.4	103.5	155.3
129	97.0	76.8	115.2
131	91.6	73.2	109.8





#65

Chlorobenzene

Concen: 51.717 ug/l

RT: 11.66 min Scan# 1652

Delta R.T. -0.00 min

Lab File: VW004243.D

Acq: 26 Jul 2018 23:45

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 389999

Ion Ratio Lower Upper

112 100

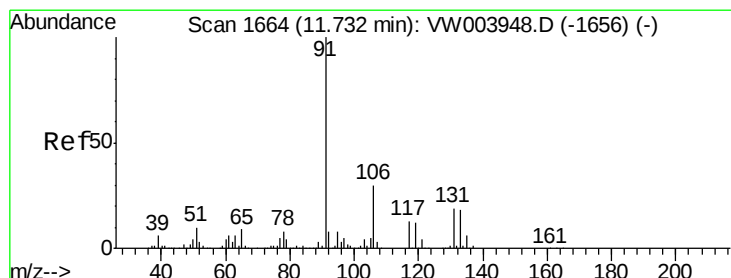
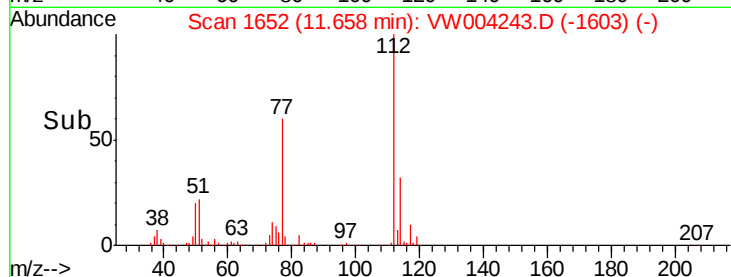
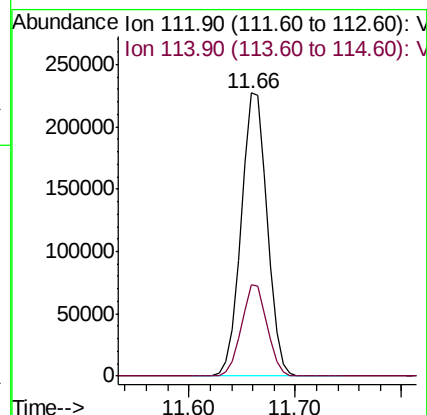
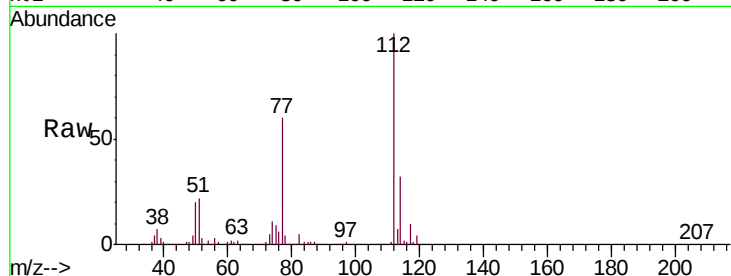
114 32.3 25.2 37.8

Manual Integrations

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#66

1,1,1,2-Tetrachloroethane

Concen: 53.414 ug/l

RT: 11.73 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VW004243.D

Acq: 26 Jul 2018 23:45

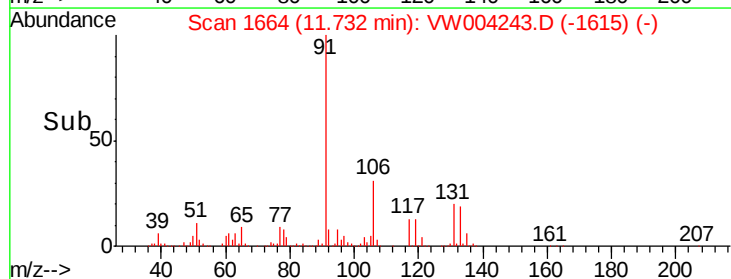
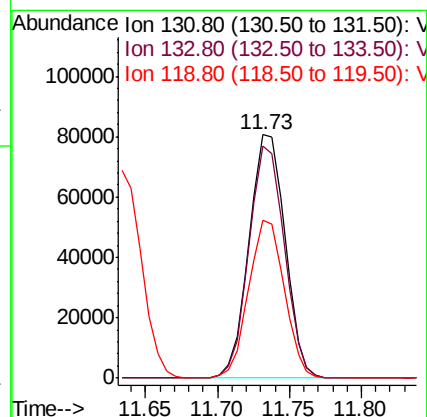
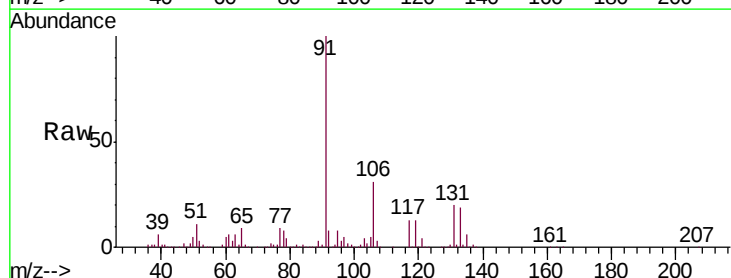
Tgt Ion:131 Resp: 139973

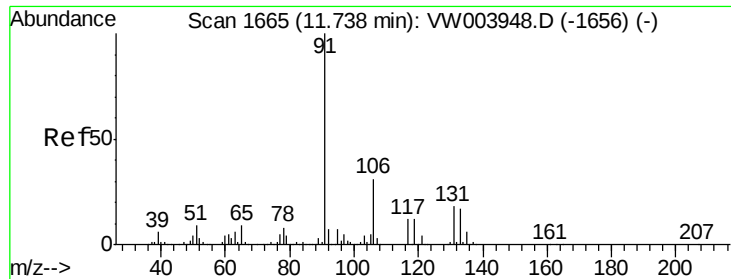
Ion Ratio Lower Upper

131 100

133 93.9 47.9 143.8

119 64.2 32.5 97.5





#67

Ethyl Benzene

Concen: 51.754 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VW004243.D

Acq: 26 Jul 2018 23:45

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 685589

Ion Ratio Lower Upper

91 100

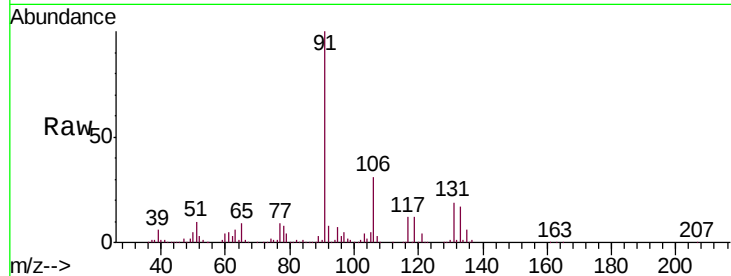
106 31.3 25.0 37.4

Manual Integrations

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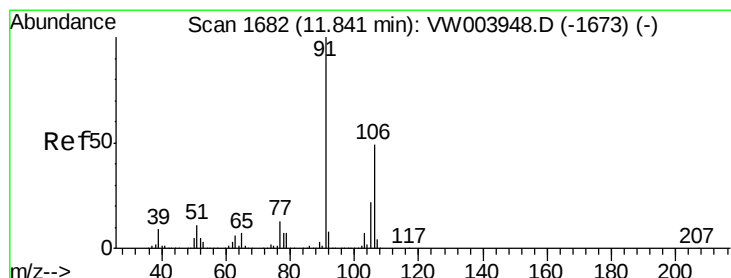
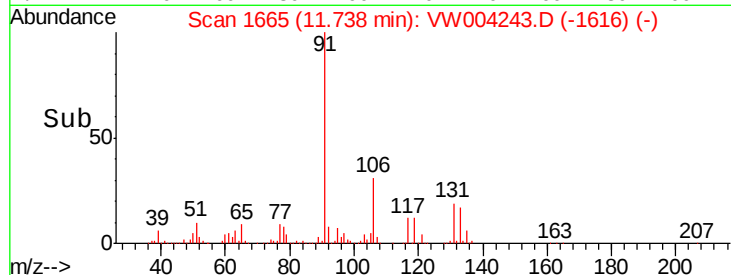
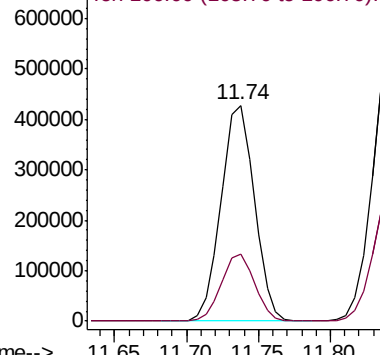
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 103.877 ug/l

RT: 11.84 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VW004243.D

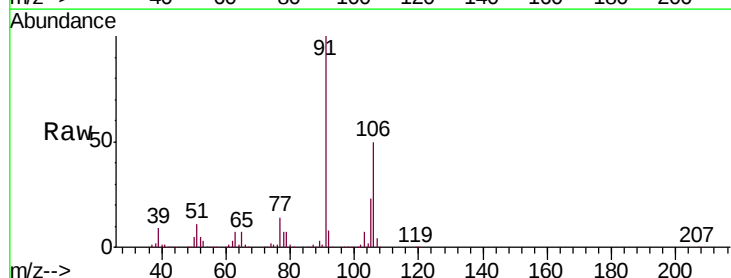
Acq: 26 Jul 2018 23:45

Tgt Ion: 106 Resp: 525938

Ion Ratio Lower Upper

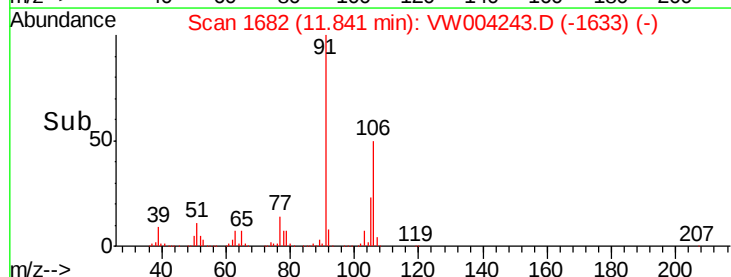
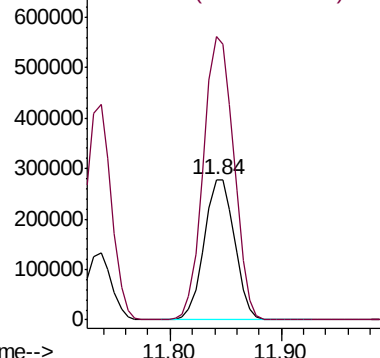
106 100

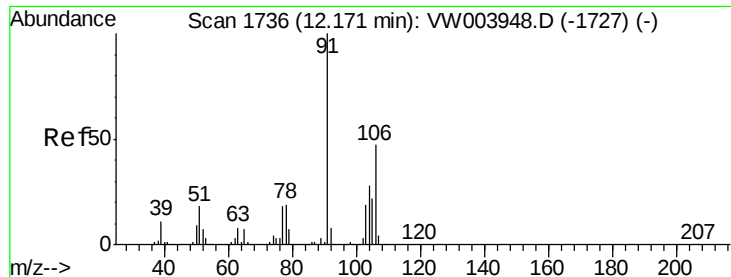
91 202.8 164.2 246.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW





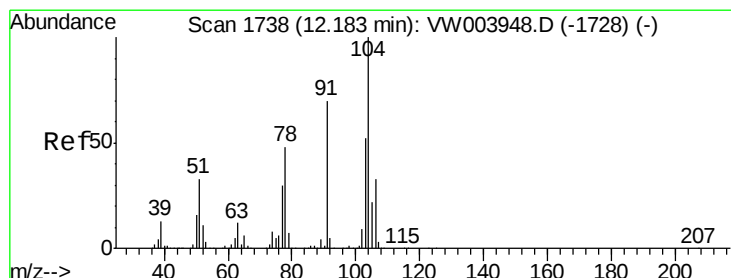
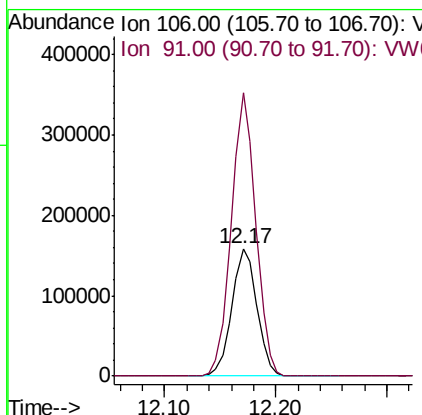
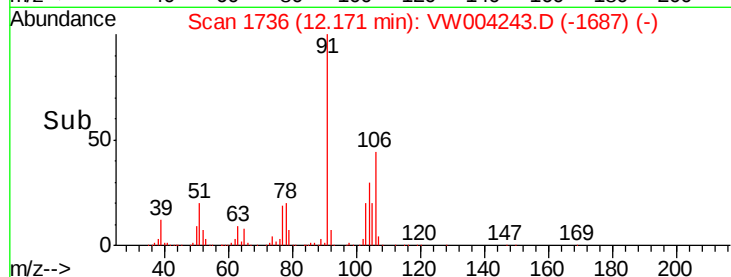
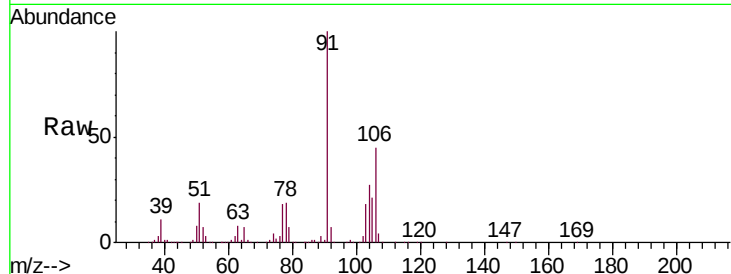
#69
o-Xylene
Concen: 52.445 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW004243.D
Acq: 26 Jul 2018 23:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	216.9	107.5	322.6

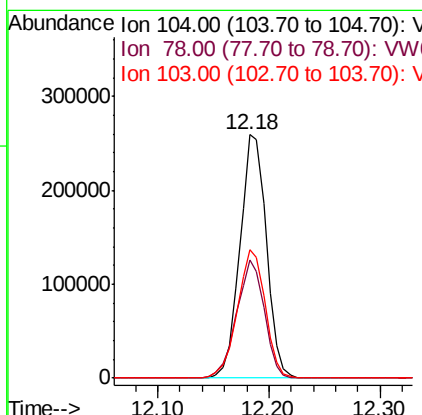
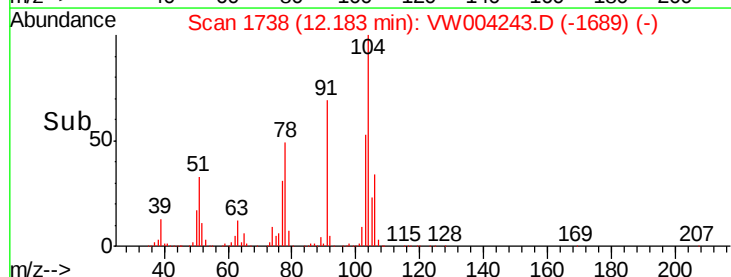
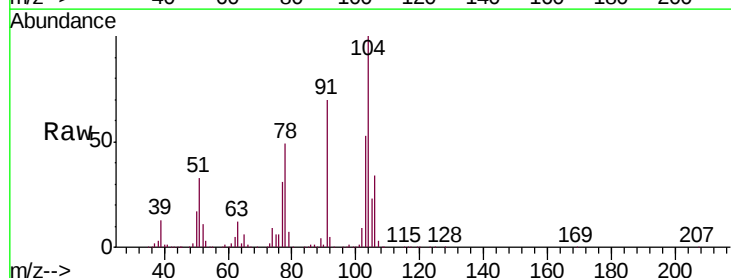
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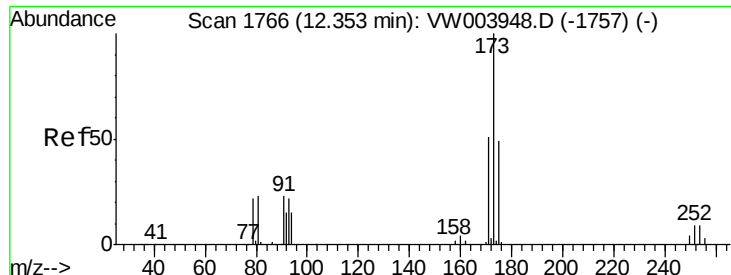
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#70
Styrene
Concen: 54.411 ug/l
RT: 12.18 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VW004243.D
Acq: 26 Jul 2018 23:45

Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.9	41.0	61.4
103	55.4	44.6	67.0





#71

Bromoform

Concen: 54.708 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. -0.00 min

Lab File: VW004243.D

Acq: 26 Jul 2018 23:45

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 80944

Ion Ratio Lower Upper

173 100

175 49.0 24.4 73.2

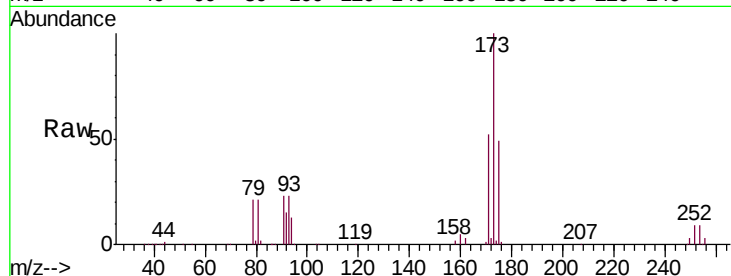
254 0.1 0.1 0.1

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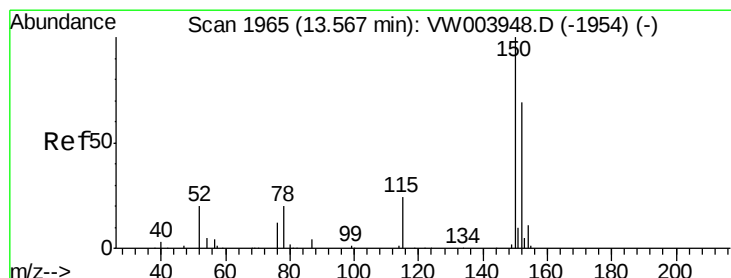
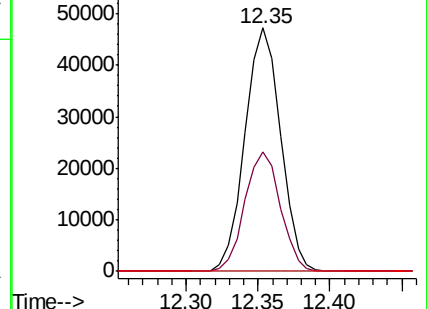
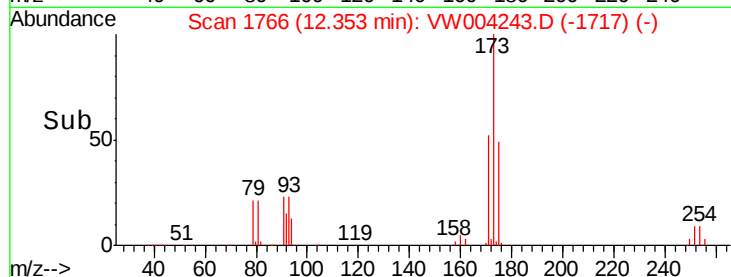
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW004243.D

Acq: 26 Jul 2018 23:45

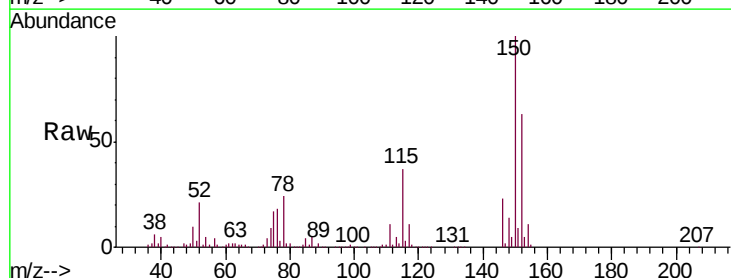
Tgt Ion:152 Resp: 192099

Ion Ratio Lower Upper

152 100

115 58.5 29.2 87.6

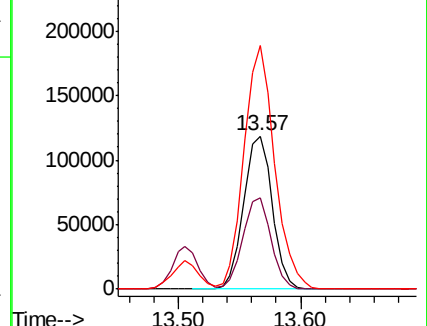
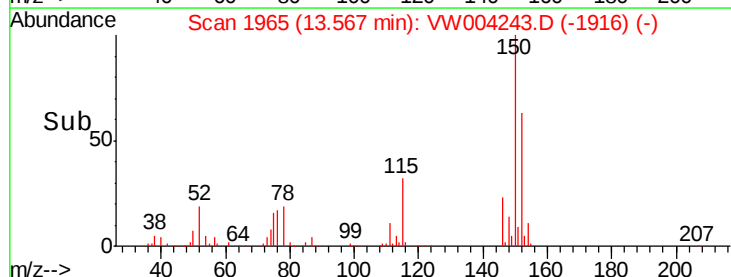
150 170.6 0.0 345.2

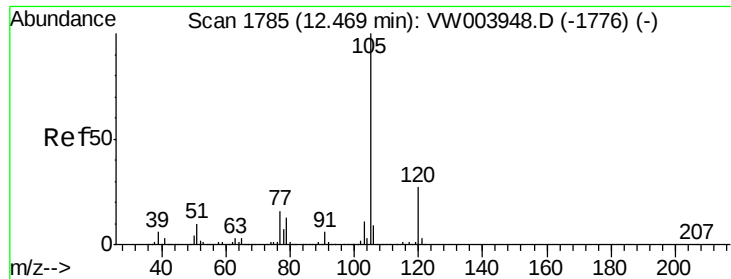


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





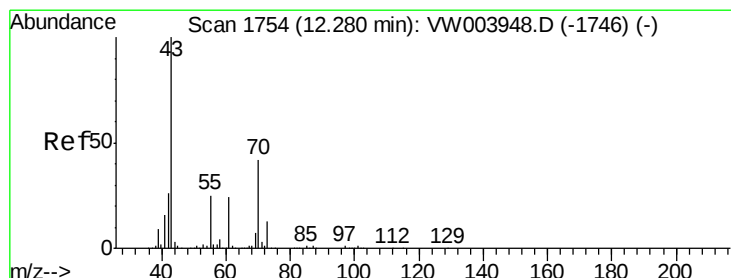
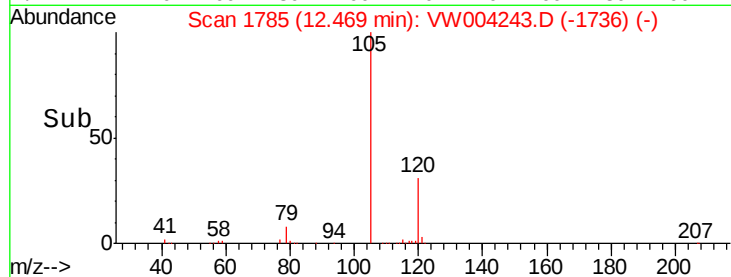
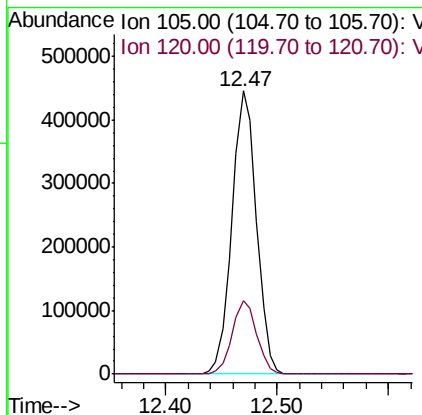
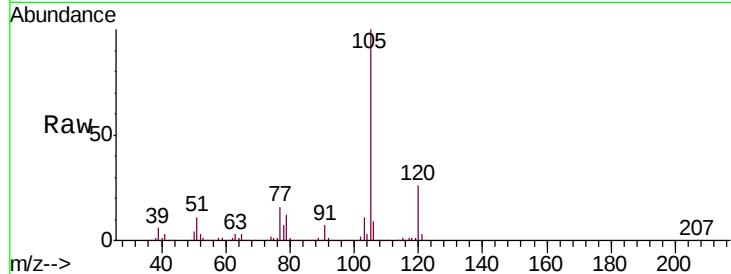
#73
Isopropylbenzene
Concen: 49.811 ug/l
RT: 12.47 min Scan# 1785
Delta R.T. -0.00 min
Lab File: VW004243.D
Acq: 26 Jul 2018 23:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.1	13.2	39.6

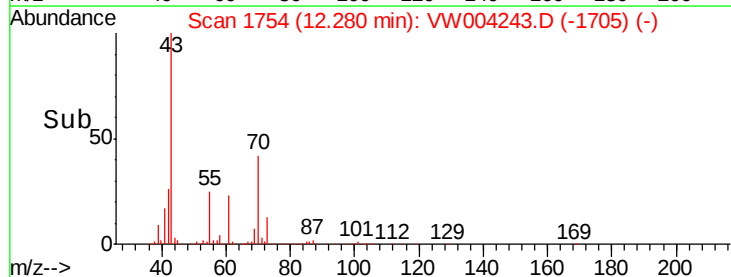
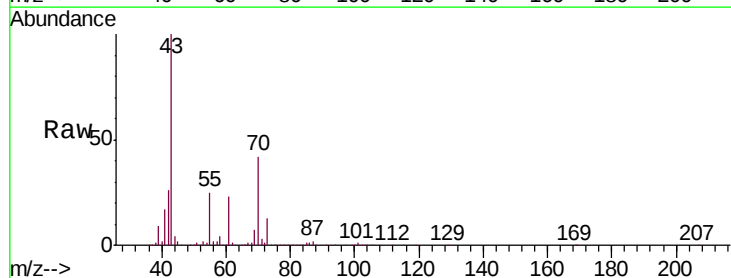
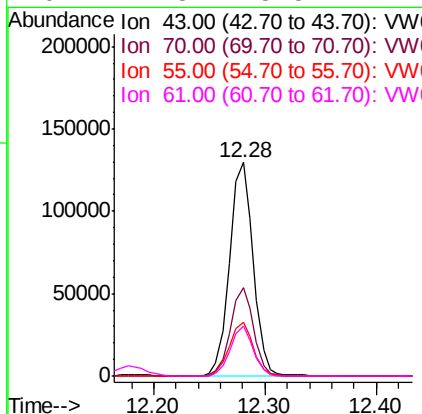
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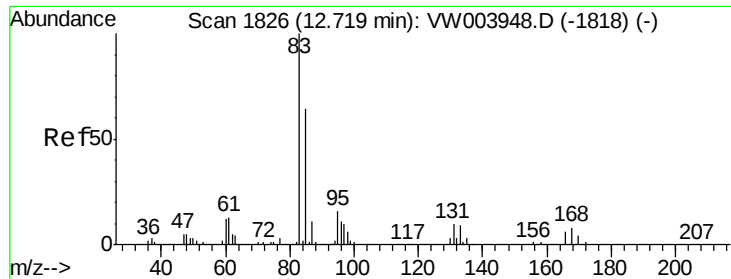
apatel
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#74
N-ethyl acetate
Concen: 53.556 ug/l
RT: 12.28 min Scan# 1754
Delta R.T. -0.00 min
Lab File: VW004243.D
Acq: 26 Jul 2018 23:45

Tgt Ion	Ratio	Lower	Upper
43	100		
70	40.7	31.6	47.4
55	25.8	20.0	30.0
61	22.8	18.5	27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 53.801 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW004243.D

Acq: 26 Jul 2018 23:45

Instrument :

MSVOA_W

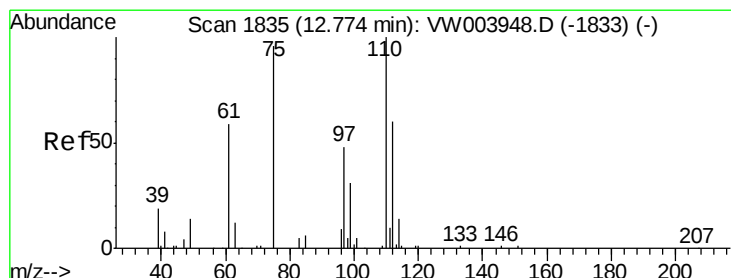
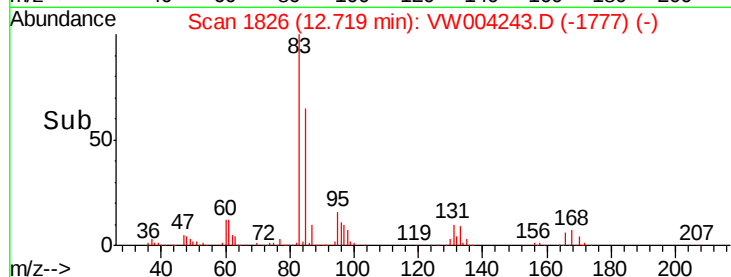
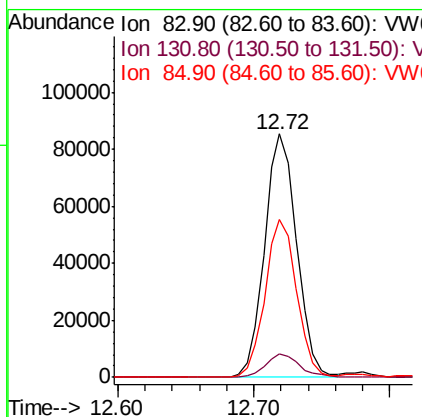
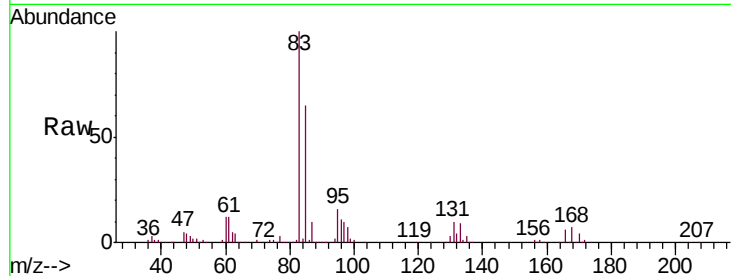
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	141234
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.3	15.8
85	64.0	32.2	96.6

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 49.071 ug/l m

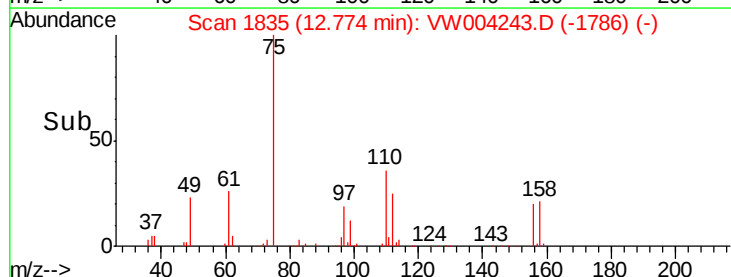
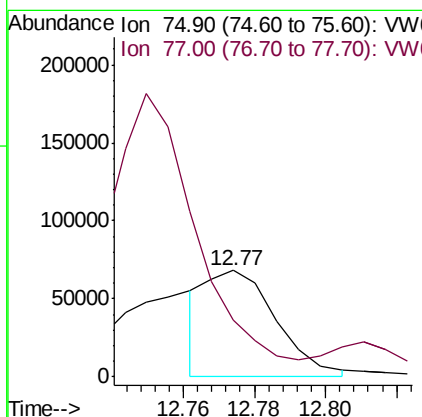
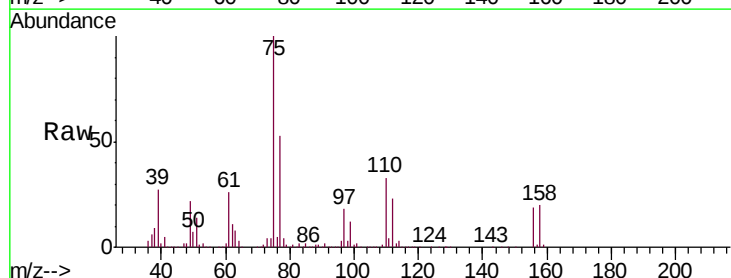
RT: 12.77 min Scan# 1835

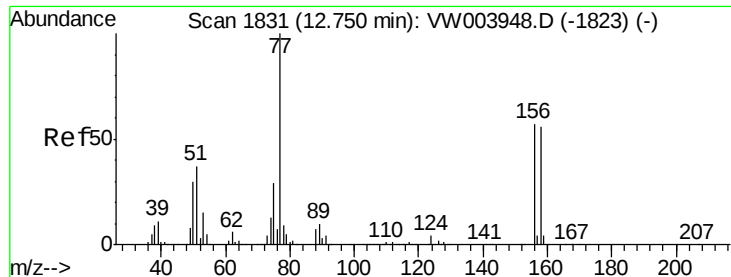
Delta R.T. -0.00 min

Lab File: VW004243.D

Acq: 26 Jul 2018 23:45

Tgt Ion:	75	Resp:	93583
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 50.695 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VW004243.D

Acq: 26 Jul 2018 23:45

Instrument :

MSVOA_W

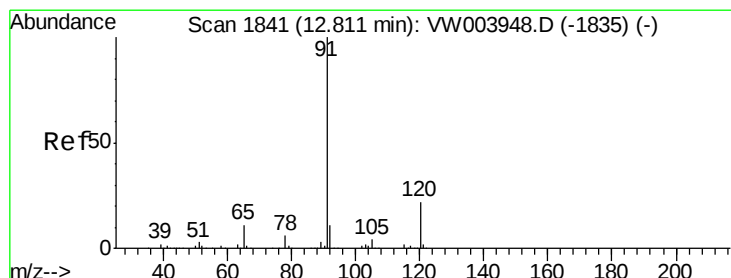
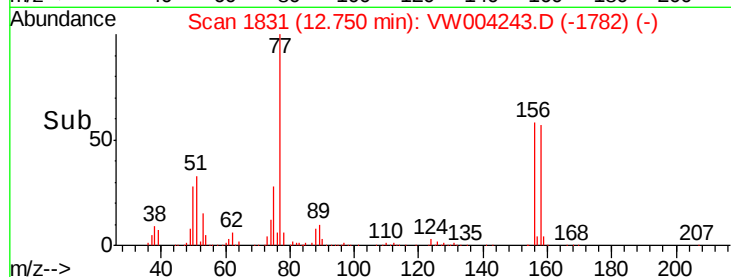
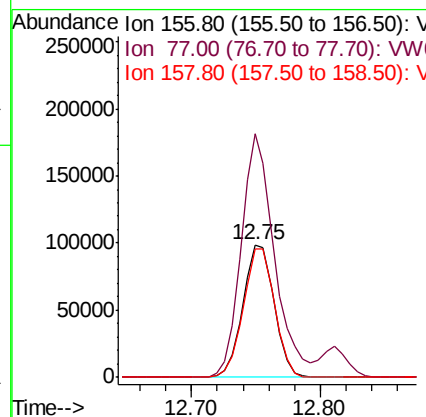
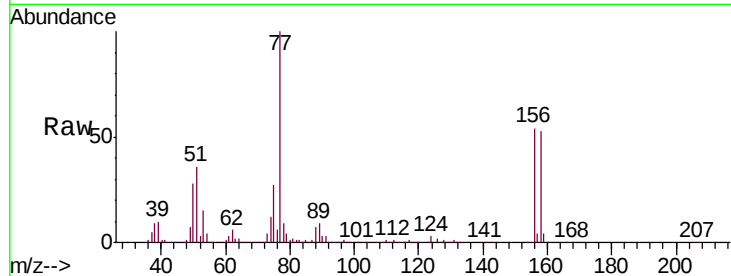
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	164660
Ion Ratio	Lower	Upper	
156	100		
77	195.6	96.2	288.6
158	97.3	48.5	145.5

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#78

n-propylbenzene

Concen: 50.547 ug/l

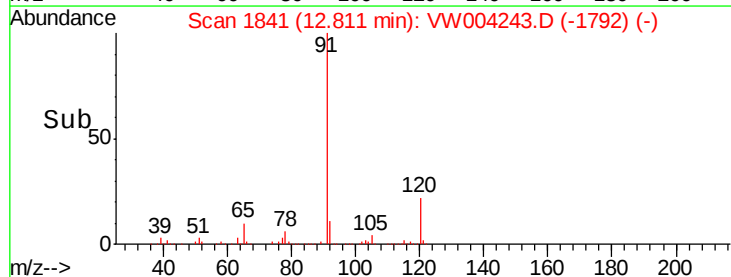
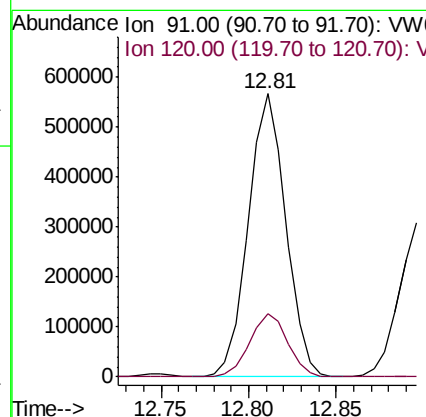
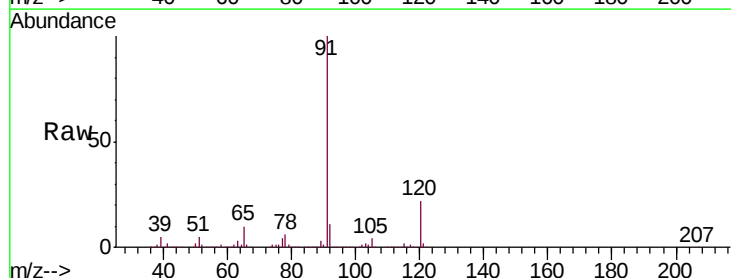
RT: 12.81 min Scan# 1841

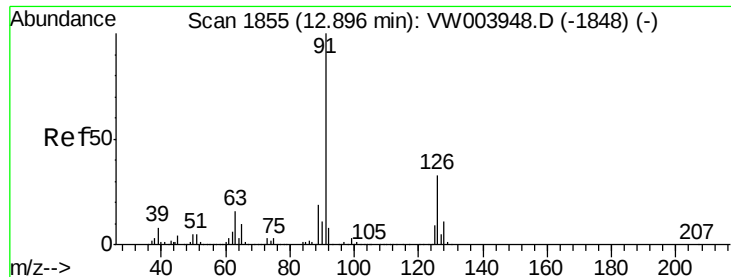
Delta R.T. -0.00 min

Lab File: VW004243.D

Acq: 26 Jul 2018 23:45

Tgt Ion:	91	Resp:	841770
Ion Ratio	Lower	Upper	
91	100		
120	22.7	11.2	33.6





#79

2-Chlorotoluene

Concen: 51.790 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW004243.D

Acq: 26 Jul 2018 23:45

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 486437

Ion Ratio Lower Upper

91 100

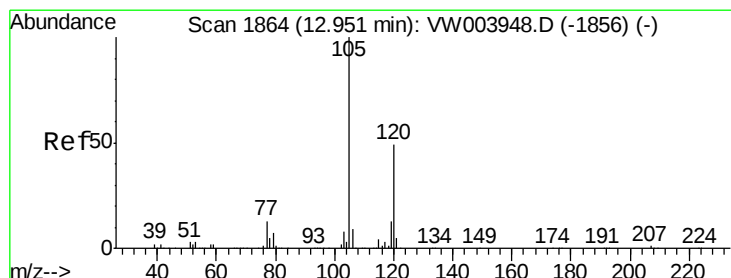
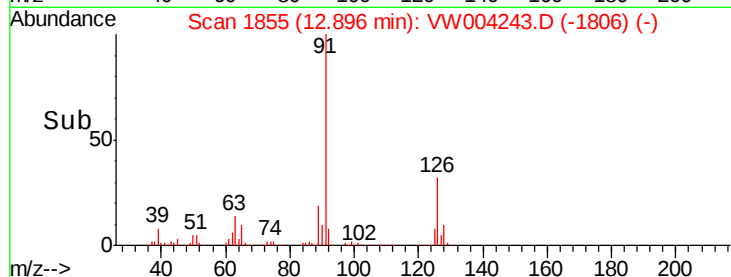
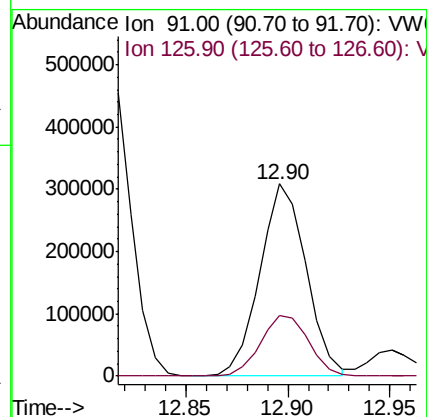
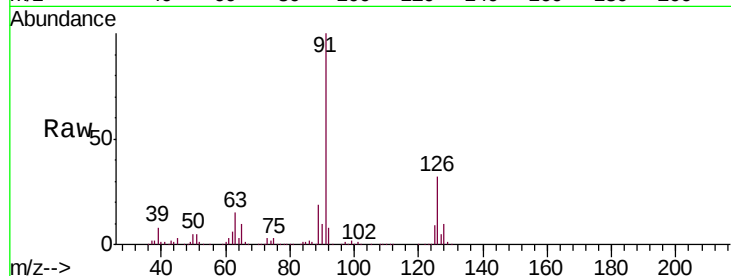
126 33.0 17.0 51.0

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#80

1,3,5-Trimethylbenzene

Concen: 51.308 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW004243.D

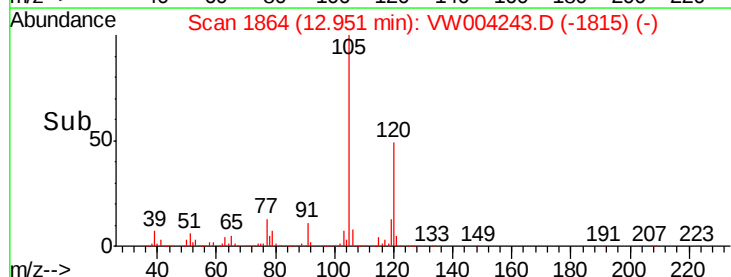
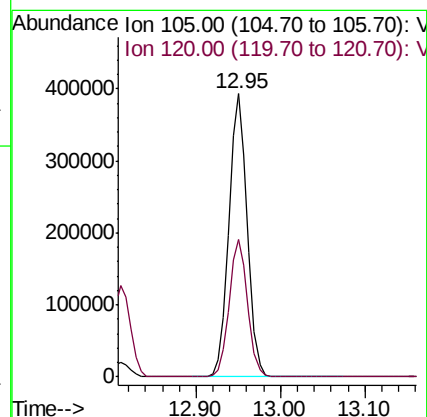
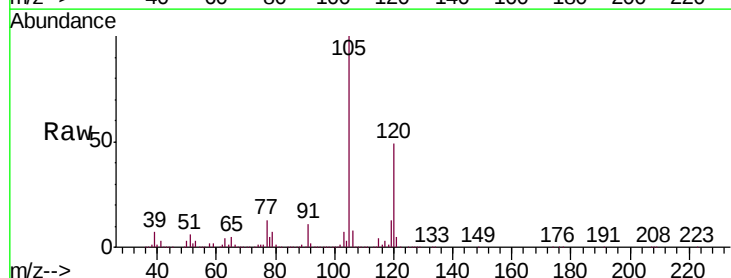
Acq: 26 Jul 2018 23:45

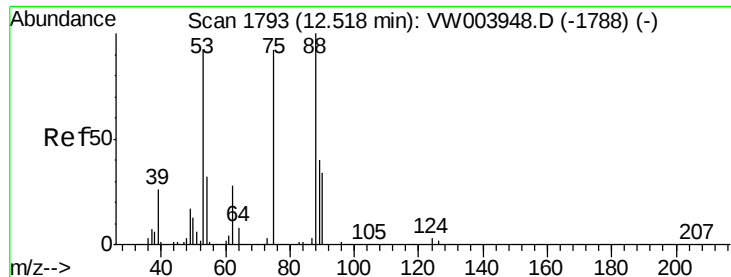
Tgt Ion:105 Resp: 586100

Ion Ratio Lower Upper

105 100

120 48.4 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 48.508 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VW004243.D

Acq: 26 Jul 2018 23:45

Instrument :

MSVOA_W

ClientSampleId :

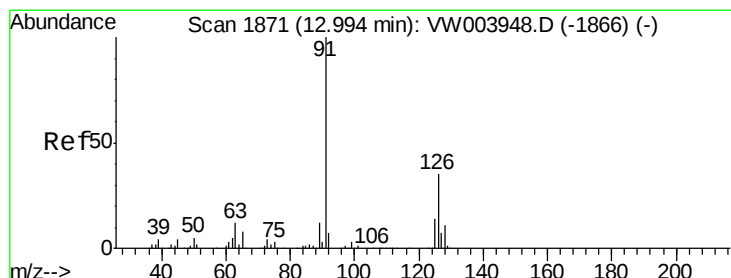
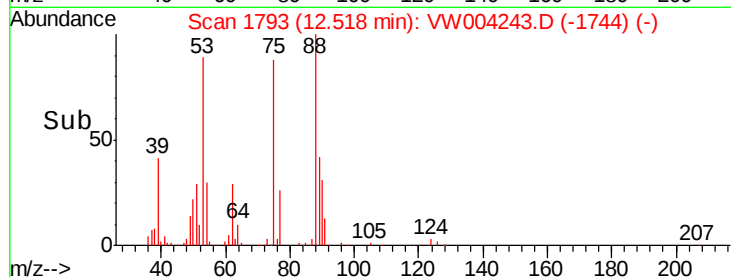
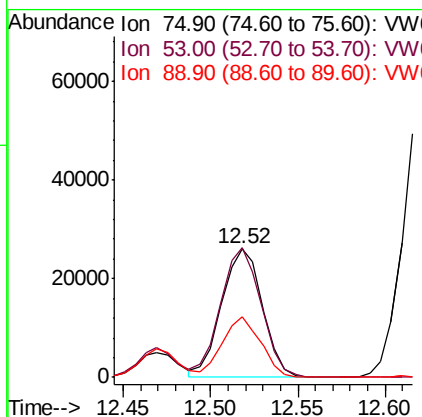
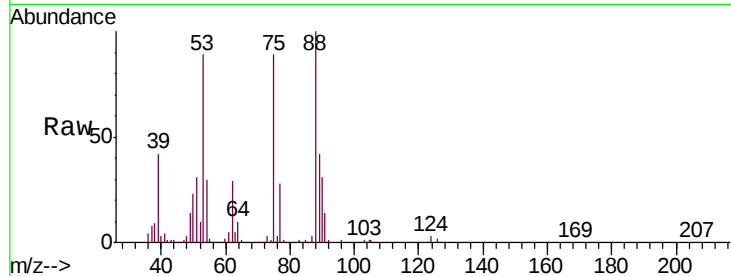
VSTDCCC050

Tot Ion:	75	Resp:	41822
Ion	Ratio	Lower	Upper
75	100		
53	100.5	77.6	116.4
89	45.2	36.6	54.8

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#82

4-Chlorotoluene

Concen: 51.357 ug/l

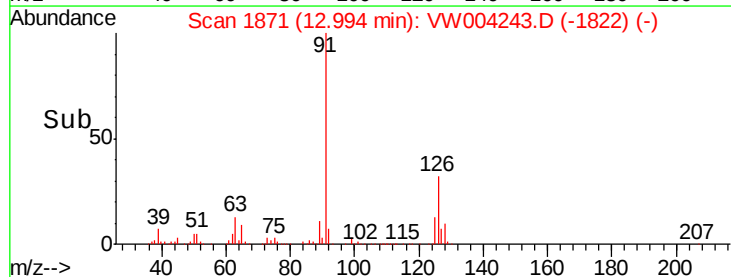
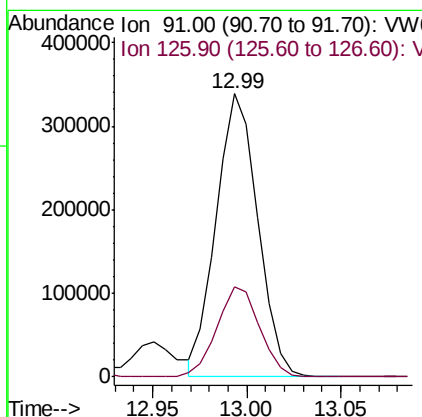
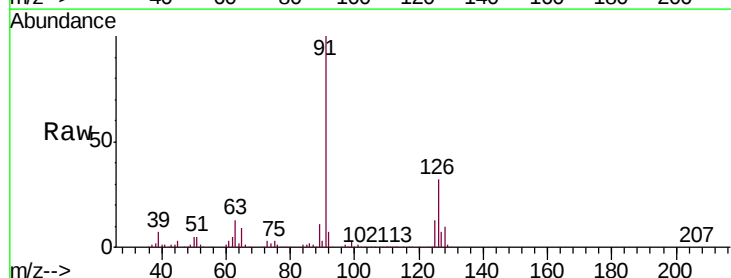
RT: 12.99 min Scan# 1871

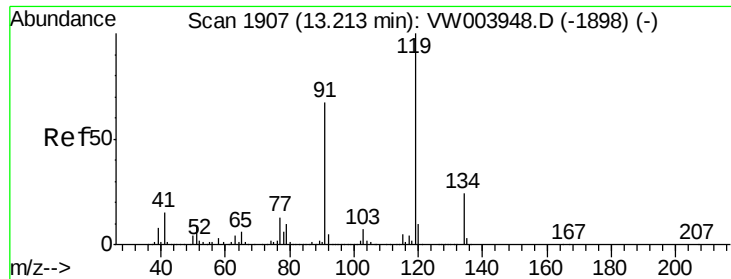
Delta R.T. -0.00 min

Lab File: VW004243.D

Acq: 26 Jul 2018 23:45

Tgt Ion:	91	Resp:	517652
Ion	Ratio	Lower	Upper
91	100		
126	32.9	16.7	50.0





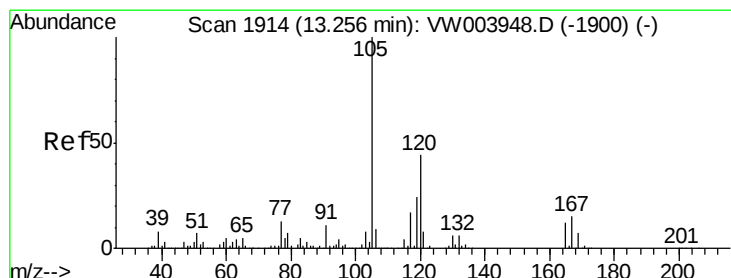
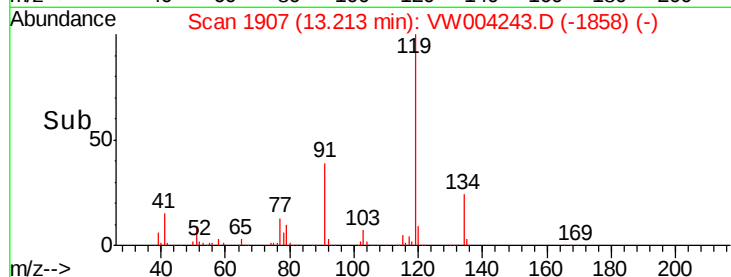
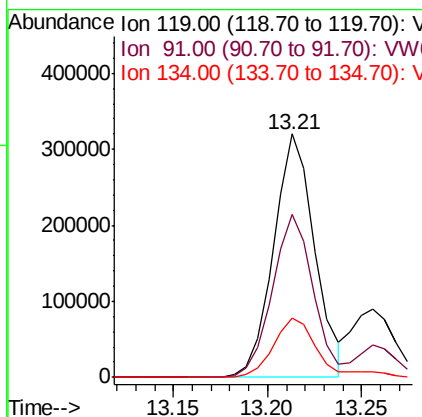
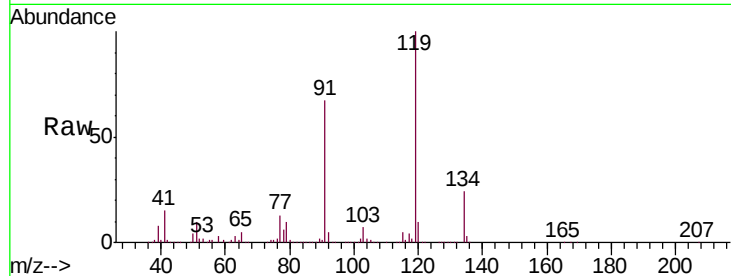
#83
tert-Butylbenzene
Concen: 50.398 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. -0.00 min
Lab File: VW004243.D
Acq: 26 Jul 2018 23:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.3	33.2	99.6
134	26.5	13.0	38.9

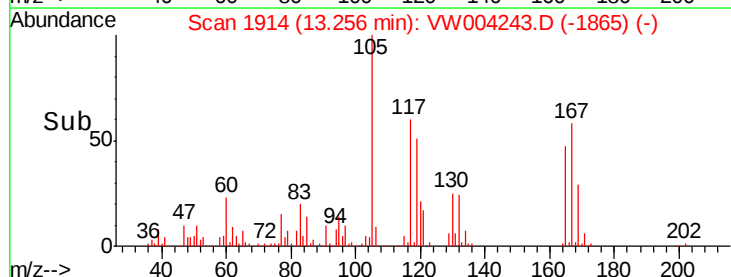
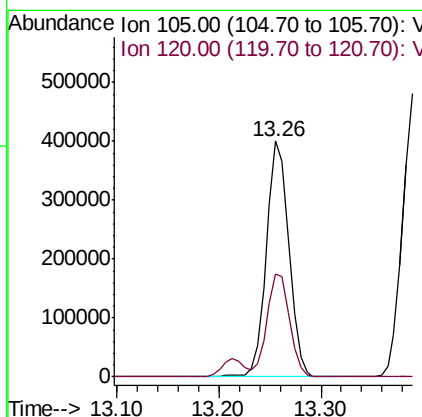
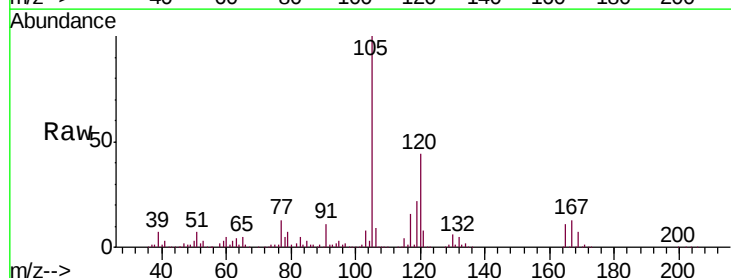
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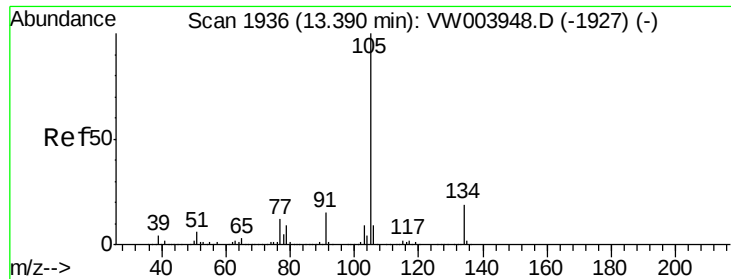
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#84
1,2,4-Trimethylbenzene
Concen: 52.214 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. -0.00 min
Lab File: VW004243.D
Acq: 26 Jul 2018 23:45

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.7	22.1	66.1





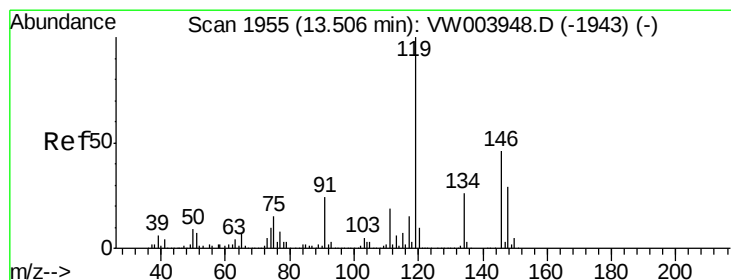
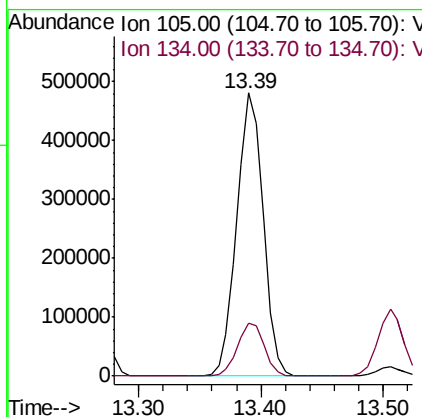
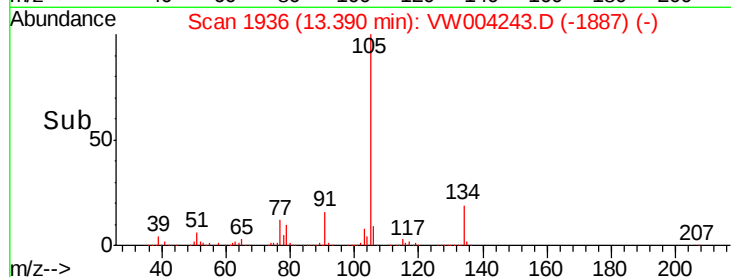
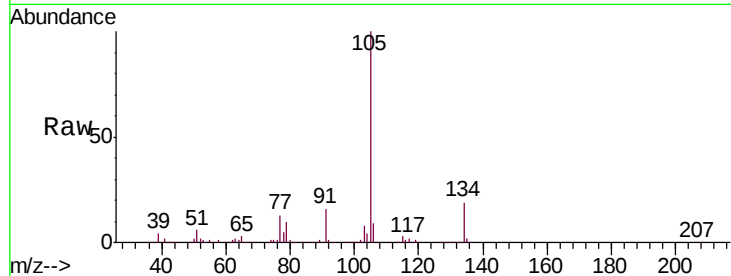
#85
 sec-Butylbenzene
 Concen: 50.461 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VW004243.D
 Acq: 26 Jul 2018 23:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.1	9.8	29.4

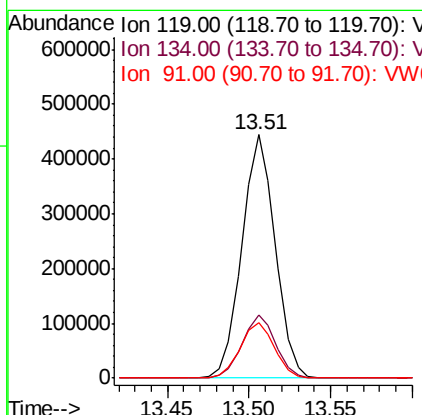
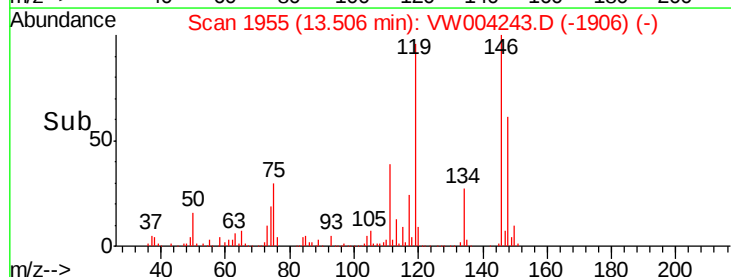
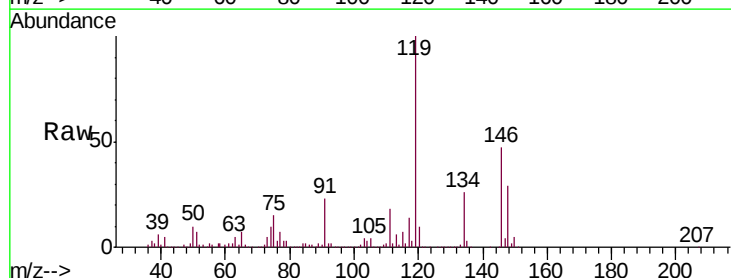
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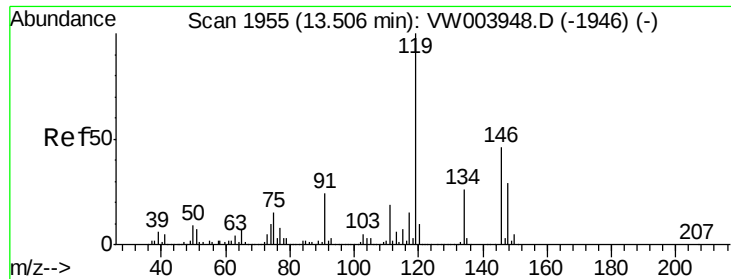
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#86
 p-Isopropyltoluene
 Concen: 50.506 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW004243.D
 Acq: 26 Jul 2018 23:45

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.1	13.0	38.9
91	23.3	11.8	35.3





#87

1,3-Dichlorobenzene

Concen: 51.085 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW004243.D

Acq: 26 Jul 2018 23:45

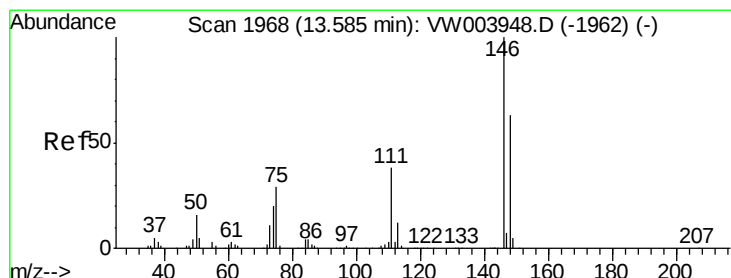
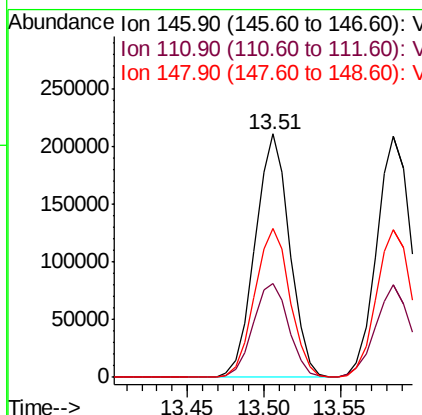
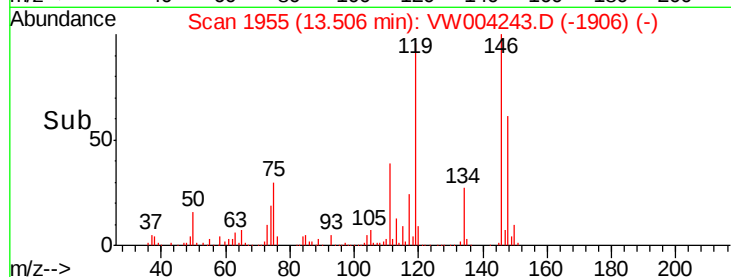
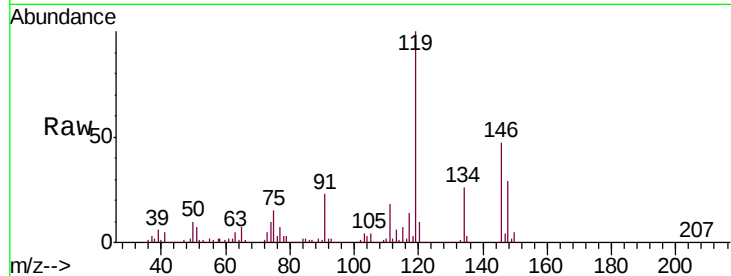
Instrument :
MSVOA_W

ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.9	59.6
148	62.4	31.9	95.5

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#88

1,4-Dichlorobenzene

Concen: 50.399 ug/l

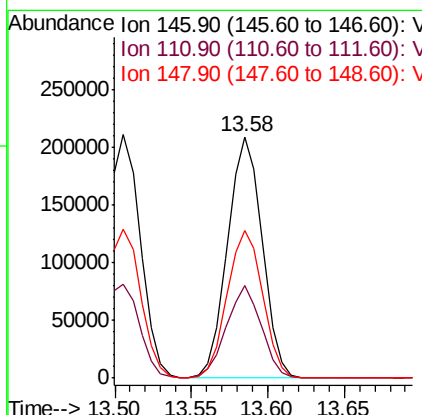
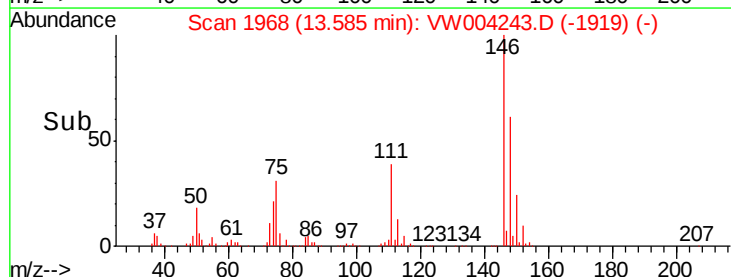
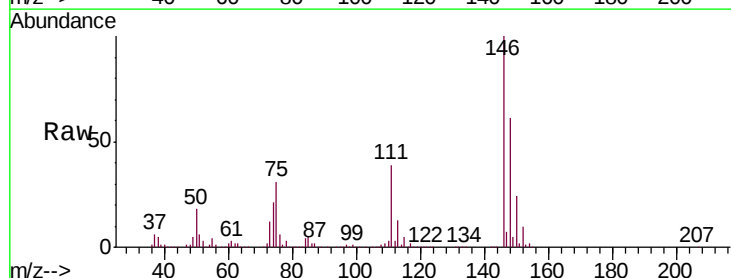
RT: 13.58 min Scan# 1968

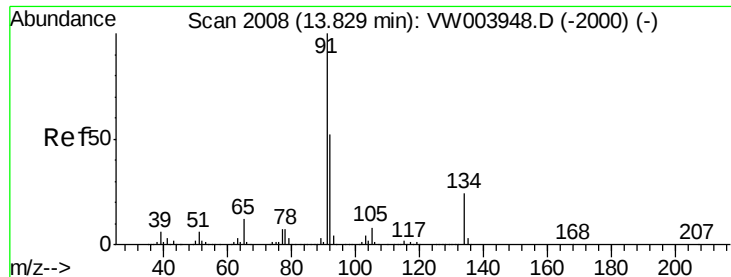
Delta R.T. -0.00 min

Lab File: VW004243.D

Acq: 26 Jul 2018 23:45

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.6	58.7
148	62.5	32.3	96.8





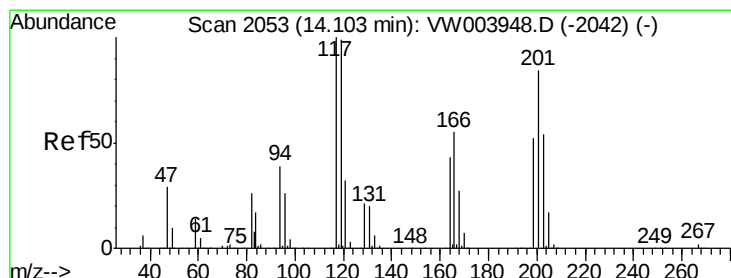
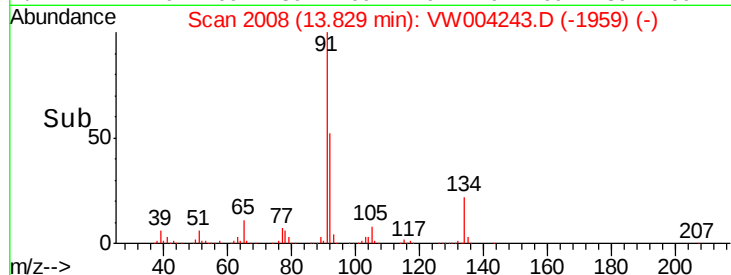
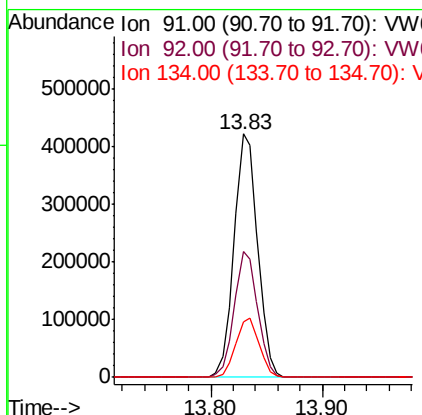
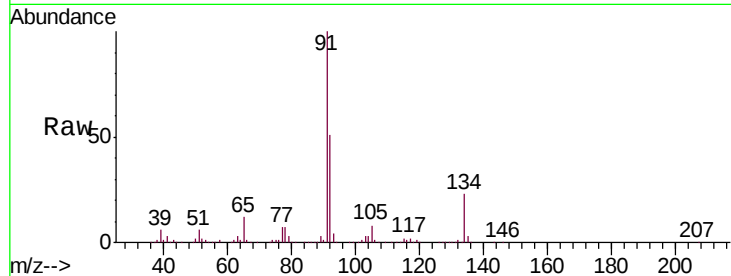
#89
n-Butylbenzene
Concen: 50.178 ug/l
RT: 13.83 min Scan# 2008
Delta R.T. -0.00 min
Lab File: VW004243.D
Acq: 26 Jul 2018 23:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.3	26.1	78.3
134	24.4	12.4	37.4

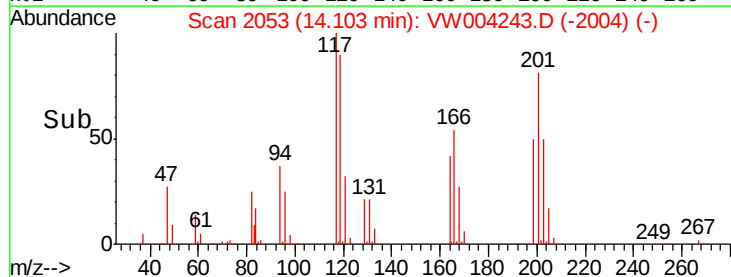
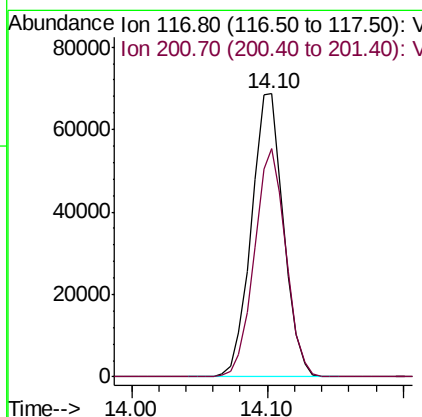
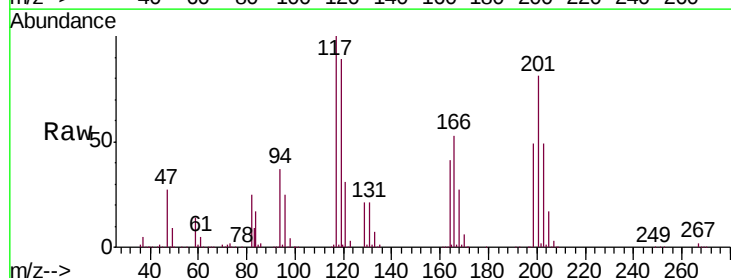
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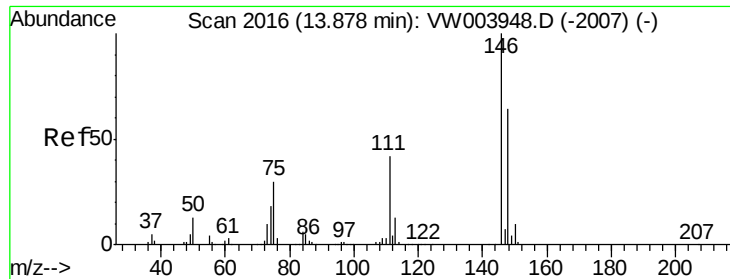
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#90
Hexachloroethane
Concen: 49.617 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. -0.00 min
Lab File: VW004243.D
Acq: 26 Jul 2018 23:45

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.6	40.3	120.9





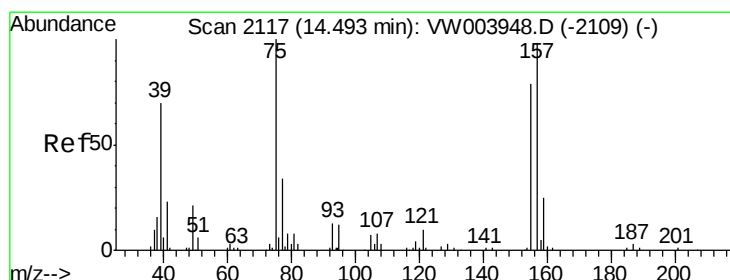
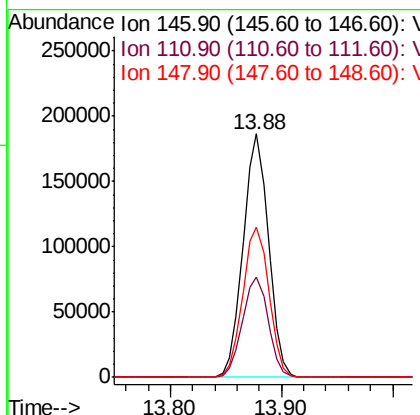
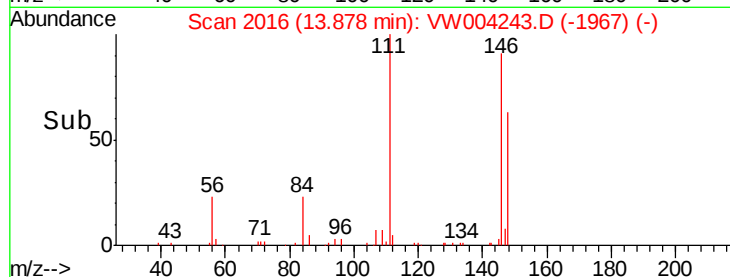
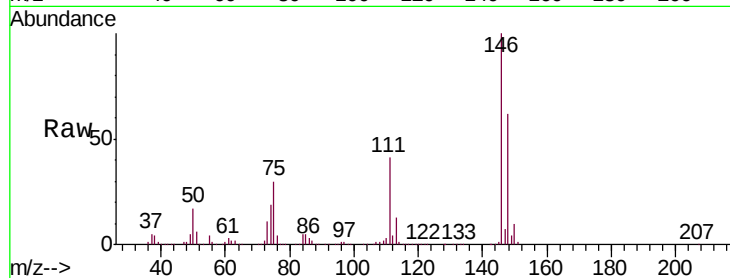
#91
 1,2-Dichlorobenzene
 Concen: 51.111 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: VW004243.D
 Acq: 26 Jul 2018 23:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.1	20.7	62.1
148	63.7	32.0	96.2

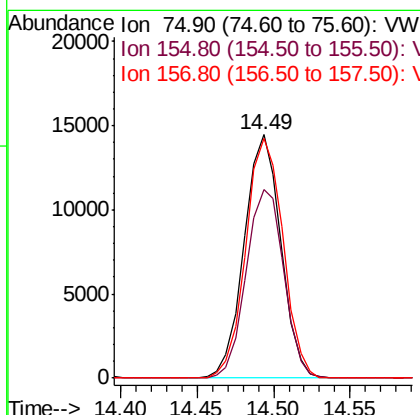
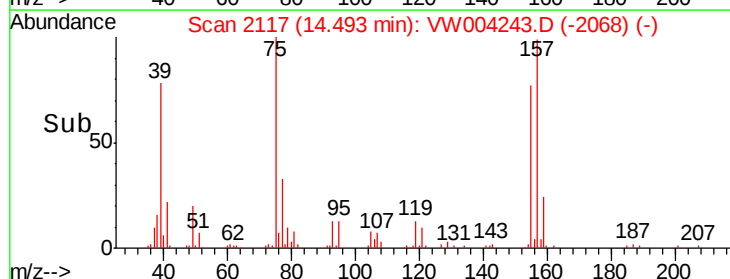
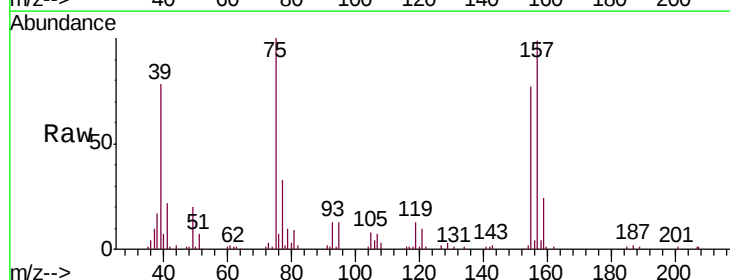
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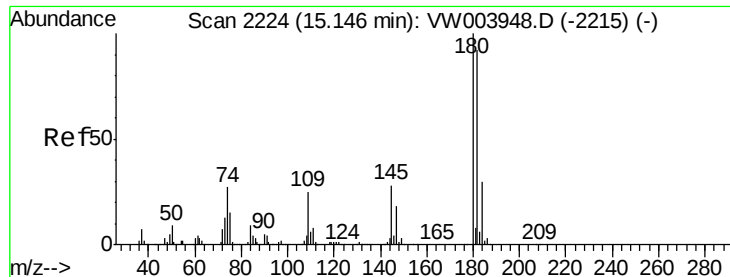
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.583 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VW004243.D
 Acq: 26 Jul 2018 23:45

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.5	39.4	118.1
157	100.3	51.8	155.4





#93

1,2,4-Trichlorobenzene

Concen: 49.756 ug/l

RT: 15.15 min Scan# 2224

Delta R.T. -0.00 min

Lab File: VW004243.D

Acq: 26 Jul 2018 23:45

Instrument :

MSVOA_W

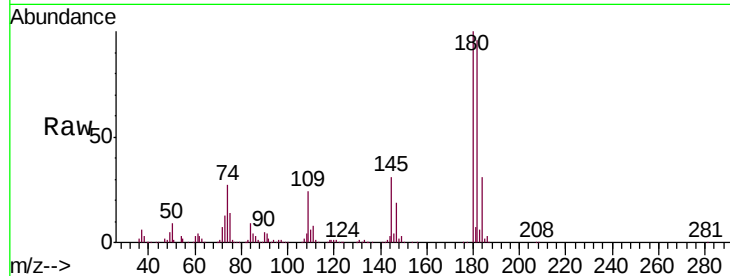
ClientSampleId :

VSTDCCC050

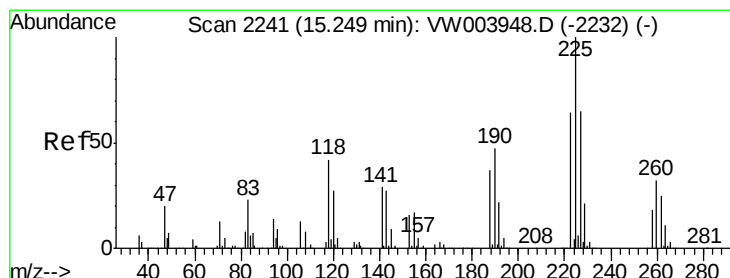
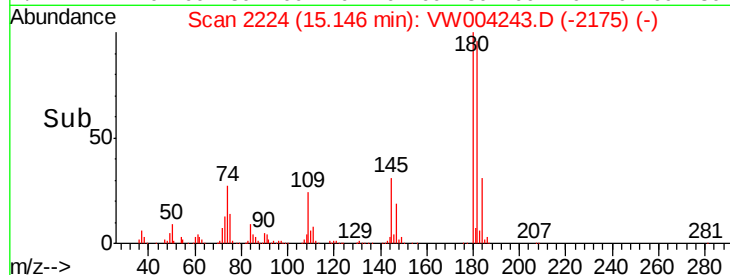
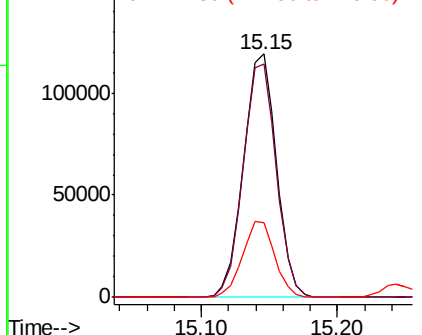
Tot Ion:	180	Resp:	201976
Ion Ratio	Lower	Upper	
180	100		
182	96.4	46.9	140.8
145	30.6	15.0	45.0

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



#94

Hexachlorobutadiene

Concen: 48.842 ug/l

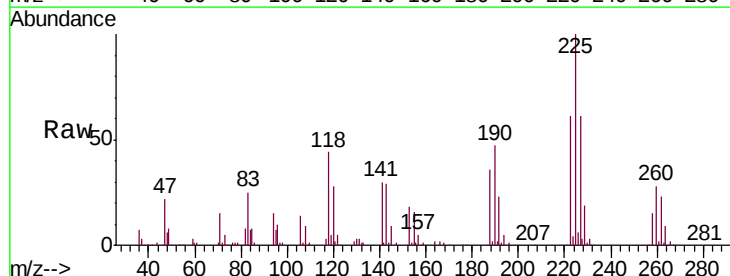
RT: 15.24 min Scan# 2240

Delta R.T. -0.01 min

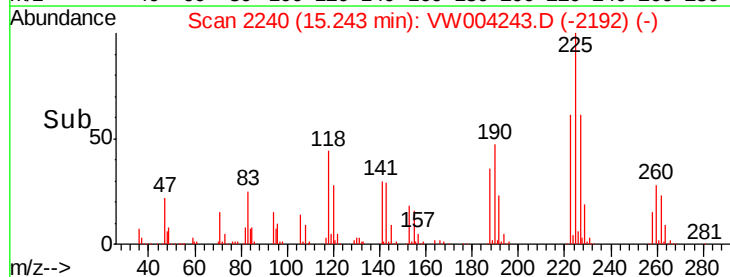
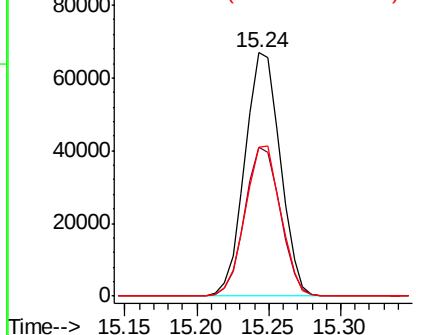
Lab File: VW004243.D

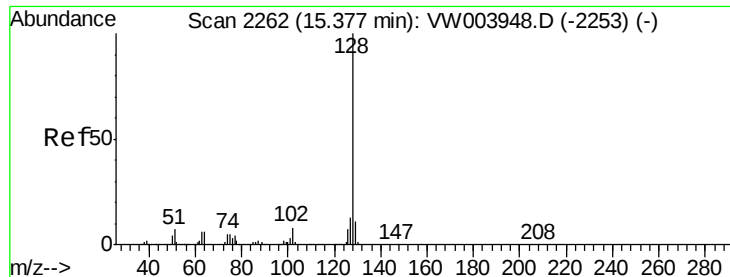
Acq: 26 Jul 2018 23:45

Tgt Ion:	225	Resp:	113852
Ion Ratio	Lower	Upper	
225	100		
223	61.6	32.0	96.2
227	61.9	32.3	96.9



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





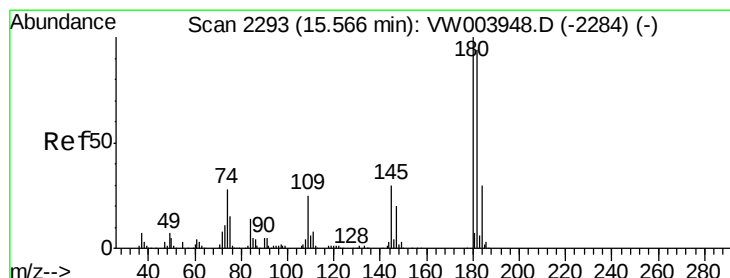
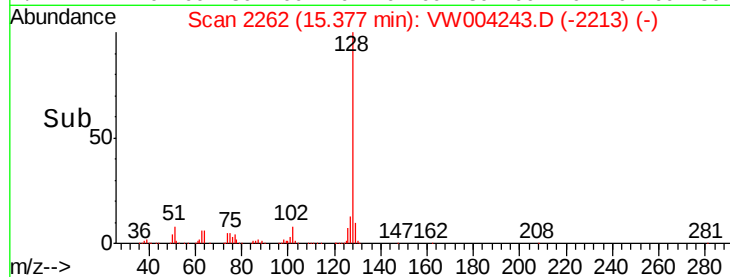
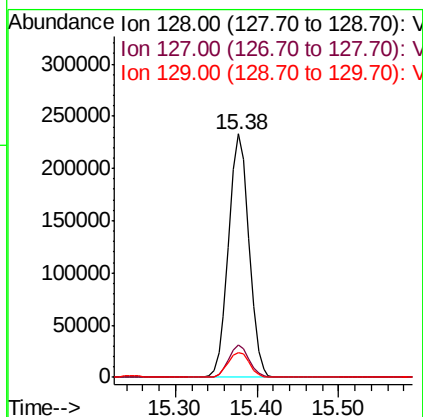
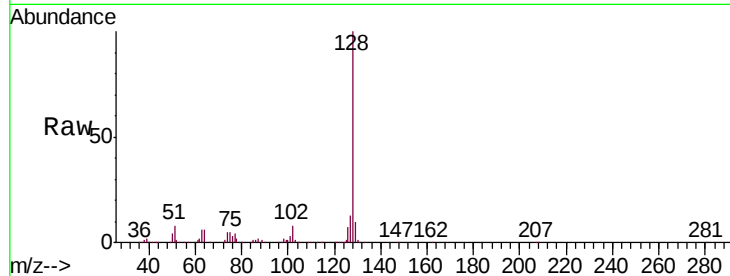
#95
Naphthalene
Concen: 53.298 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VW004243.D
Acq: 26 Jul 2018 23:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.7	16.1
129	10.9	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 52.393 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VW004243.D
Acq: 26 Jul 2018 23:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.5	47.5	142.6
145	31.5	15.8	47.4

