

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072618\
 Data File : VW004200.D
 Acq On : 25 Jul 2018 17:37
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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 7/26/2018 12:28:35 PM

Quant Time: Jul 26 05:47:01 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	262775	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	394261	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	369314	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	196626	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	150775	51.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.66%	
35) Dibromofluoromethane	7.88	113	136630	54.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.02%	
50) Toluene-d8	10.33	98	537523	54.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.52%	
62) 4-Bromofluorobenzene	12.62	95	191076	53.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	63671m	43.15	ug/l	
3) Chloromethane	2.21	50	93902	48.35	ug/l	98
4) Vinyl Chloride	2.36	62	123522	46.23	ug/l	99
5) Bromomethane	2.77	94	75178	45.02	ug/l	99
6) Chloroethane	2.92	64	70560	46.48	ug/l	98
7) Trichlorofluoromethane	3.25	101	55414	49.41	ug/l	94
8) Diethyl Ether	3.67	74	60414	46.40	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.05	101	139760	54.00	ug/l	99
10) Methyl Iodide	4.26	142	193750	52.12	ug/l	100
11) Tert butyl alcohol	5.18	59	49778	245.49	ug/l	100
12) 1,1-Dichloroethene	4.03	96	136878	53.60	ug/l	96
13) Acrolein	3.89	56	57540	276.18	ug/l	99
14) Allyl chloride	4.65	41	232064	55.05	ug/l	98
15) Acrylonitrile	5.36	53	179354	268.84	ug/l	99
16) Acetone	4.12	43	197766	280.19	ug/l	99
17) Carbon Disulfide	4.37	76	423845	53.17	ug/l	100
18) Methyl Acetate	4.67	43	94418	55.73	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	251065	51.30	ug/l	99
20) Methylene Chloride	4.90	84	147798	46.95	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	150199	53.66	ug/l	96
22) Diisopropyl ether	6.31	45	478871	56.21	ug/l	98
23) Vinyl Acetate	6.25	43	1447982	268.25	ug/l	99
24) 1,1-Dichloroethane	6.21	63	281690	54.19	ug/l	98
25) 2-Butanone	7.17	43	252424	265.75	ug/l	99
26) 2,2-Dichloropropane	7.17	77	157160	52.67	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	158041	52.23	ug/l	100
28) Bromochloromethane	7.51	49	105123	49.42	ug/l	99
29) Tetrahydrofuran	7.53	42	156379	264.31	ug/l	98
30) Chloroform	7.67	83	278042	53.77	ug/l	99
31) Cyclohexane	7.95	56	250903	51.49	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	216316	53.57	ug/l	100
36) 1,1-Dichloropropene	8.08	75	226369	55.81	ug/l	99
37) Ethyl Acetate	7.26	43	105211	53.77	ug/l	100
38) Carbon Tetrachloride	8.07	117	208405	54.99	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	265056	55.79	ug/l	98
40) Benzene	8.32	78	633670	56.31	ug/l	100
41) Methacrylonitrile	7.49	41	58067	53.56	ug/l	96
42) 1,2-Dichloroethane	8.40	62	186933	54.45	ug/l	99
43) Isopropyl Acetate	8.43	43	194048	53.03	ug/l	99
44) Trichloroethene	9.09	130	160671	55.08	ug/l	95
45) 1,2-Dichloropropane	9.37	63	163571	56.95	ug/l	97
46) Dibromomethane	9.46	93	81973	55.00	ug/l	100
47) Bromodichloromethane	9.65	83	205777	56.00	ug/l	100
48) Methyl methacrylate	9.44	41	96871	54.74	ug/l	98
49) 1,4-Dioxane	9.45	88	26870	1172.81	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	534729	274.28	ug/l	99
52) Toluene	10.39	92	393638	56.56	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	211642	55.08	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	244929	55.72	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	116462	55.56	ug/l	99
56) Ethyl methacrylate	10.65	69	151059	50.36	ug/l	99
57) 1,3-Dichloropropane	10.93	76	204424	56.13	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	335569	269.84	ug/l	99
59) 2-Hexanone	10.98	43	387865	282.27	ug/l	99
60) Dibromochloromethane	11.13	129	135753	55.61	ug/l	99
61) 1,2-Dibromoethane	11.24	107	110224	55.26	ug/l	99
64) Tetrachloroethene	10.87	164	135703	53.55	ug/l	98
65) Chlorobenzene	11.66	112	425277	54.15	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	148200	54.31	ug/l	99
67) Ethyl Benzene	11.74	91	763164	55.32	ug/l	100
68) m/p-Xylenes	11.84	106	588507	111.62	ug/l	100
69) o-Xylene	12.17	106	268880	54.97	ug/l	99
70) Styrene	12.19	104	463409	56.73	ug/l	100
71) Bromoform	12.35	173	81872	53.14	ug/l #	99
73) Isopropylbenzene	12.47	105	746785	53.75	ug/l	100
74) N-amyl acetate	12.28	43	187189	51.71	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	141321	52.59	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	94686m	48.51	ug/l	
77) Bromobenzene	12.75	156	171254	51.51	ug/l	97
78) n-propylbenzene	12.81	91	938819	55.08	ug/l	100
79) 2-Chlorotoluene	12.90	91	520985	54.19	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	641643	54.88	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	45193	51.21	ug/l	98
82) 4-Chlorotoluene	12.99	91	550701	53.38	ug/l	100
83) tert-Butylbenzene	13.21	119	535253	54.53	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	659952	54.86	ug/l	99
85) sec-Butylbenzene	13.39	105	799603	54.90	ug/l	100
86) p-Isopropyltoluene	13.51	119	703100	55.03	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	352630	53.10	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	348189	52.29	ug/l	99
89) n-Butylbenzene	13.83	91	694644	55.31	ug/l	100
90) Hexachloroethane	14.10	117	125514	53.29	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	314633	53.18	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	24046	50.33	ug/l	98

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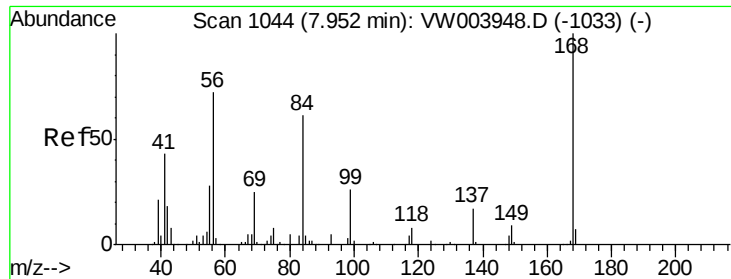
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	216836	52.19	ug/l	99
94) Hexachlorobutadiene	15.25	225	127151	53.29	ug/l	99
95) Naphthalene	15.38	128	401341	52.33	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	192581	52.35	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VW004200.D

Acq: 25 Jul 2018 17:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 262775

Ion Ratio Lower Upper

168 100

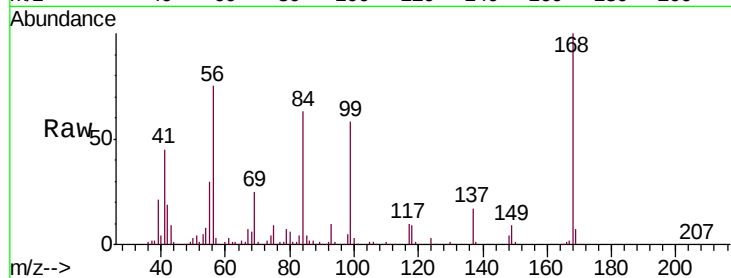
99 57.4 43.8 65.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

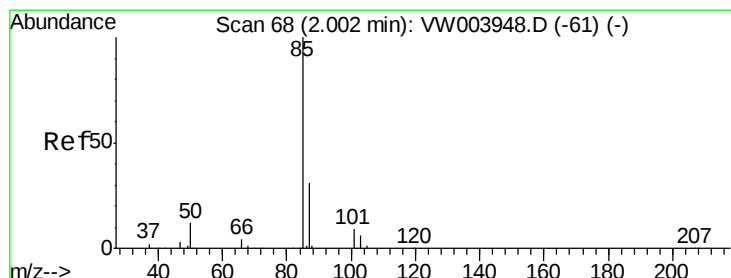
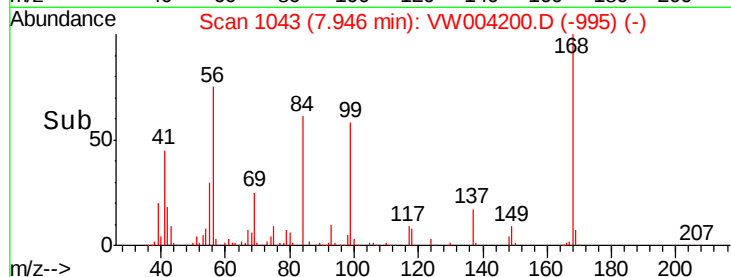
7.95

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 43.15 ug/l m

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW004200.D

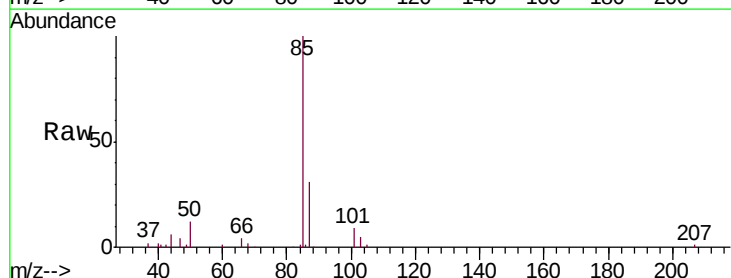
Acq: 25 Jul 2018 17:37

Tgt Ion: 85 Resp: 63671

Ion Ratio Lower Upper

85 100

87 31.2 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

20000

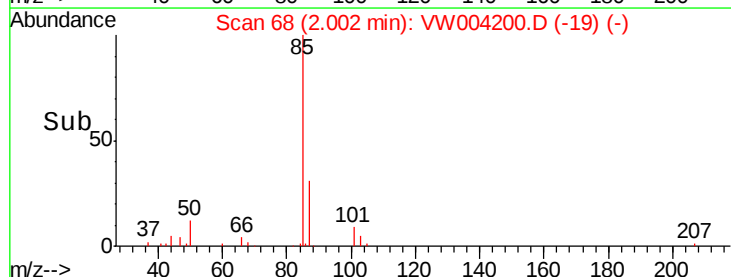
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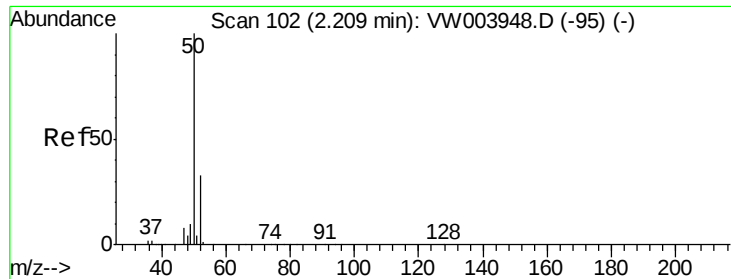
10000

5000

0

Time-->





#3

Chloromethane

Concen: 48.35 ug/l

RT: 2.21 min Scan# 102

Delta R.T. -0.00 min

Lab File: VW004200.D

Acq: 25 Jul 2018 17:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 93902

Ion Ratio Lower Upper

50 100

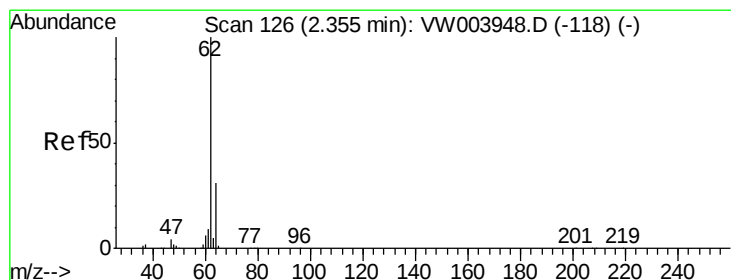
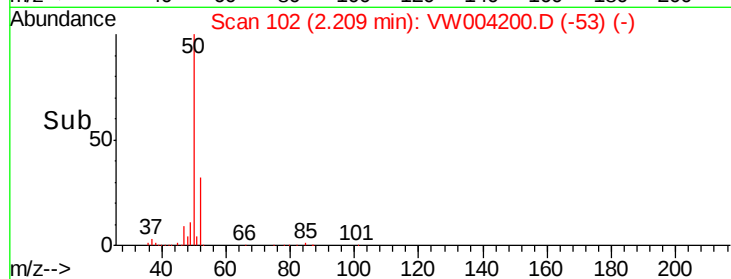
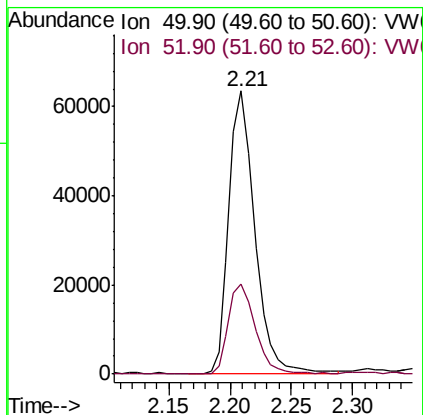
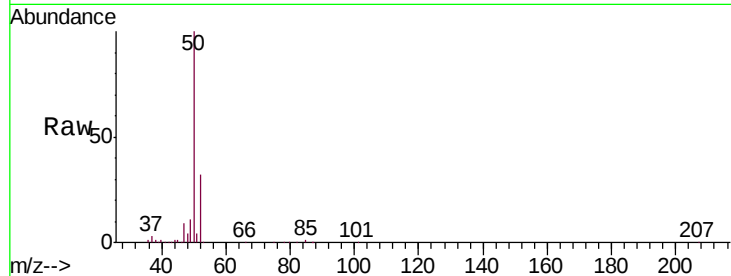
52 32.0 26.3 39.5

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#4

Vinyl Chloride

Concen: 46.23 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW004200.D

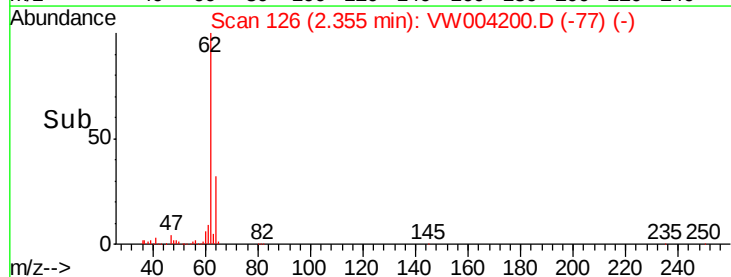
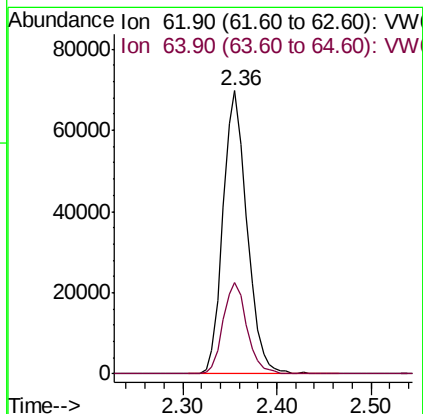
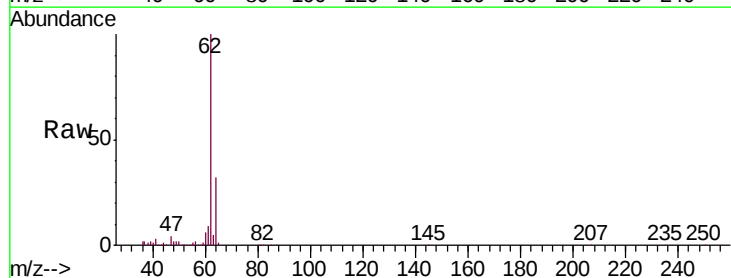
Acq: 25 Jul 2018 17:37

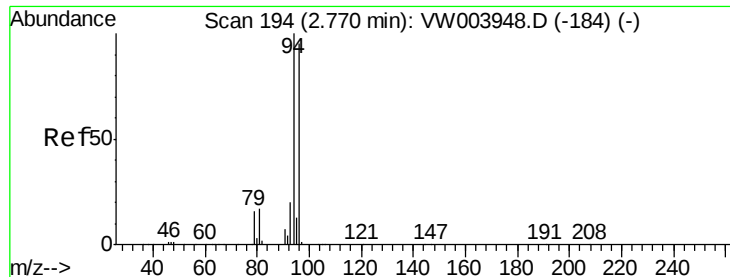
Tgt Ion: 62 Resp: 123522

Ion Ratio Lower Upper

62 100

64 32.1 25.0 37.6





#5

Bromomethane

Concen: 45.02 ug/l

RT: 2.77 min Scan# 194

Delta R.T. -0.00 min

Lab File: VW004200.D

Acq: 25 Jul 2018 17:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 75178

Ion Ratio Lower Upper

94 100

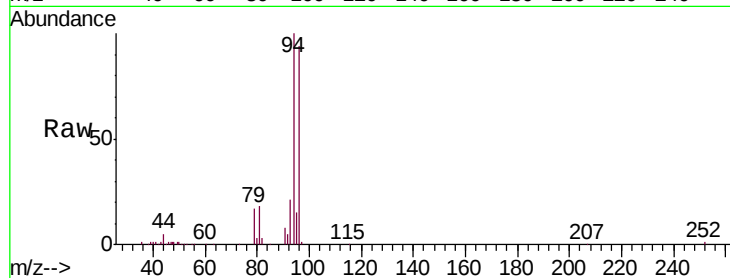
96 94.1 75.8 113.6

Manual Integrations

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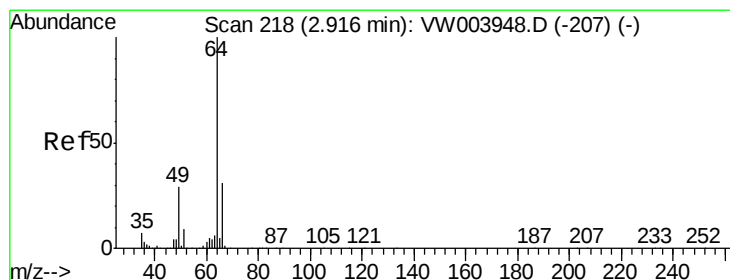
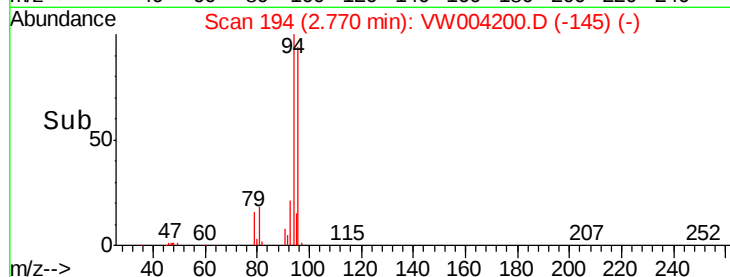
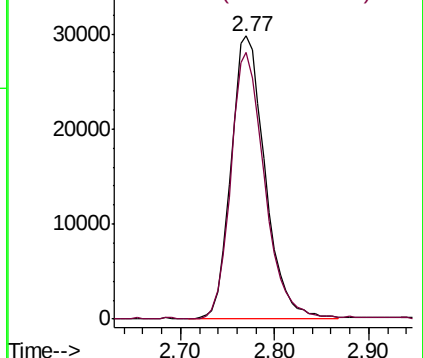
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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 46.48 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.00 min

Lab File: VW004200.D

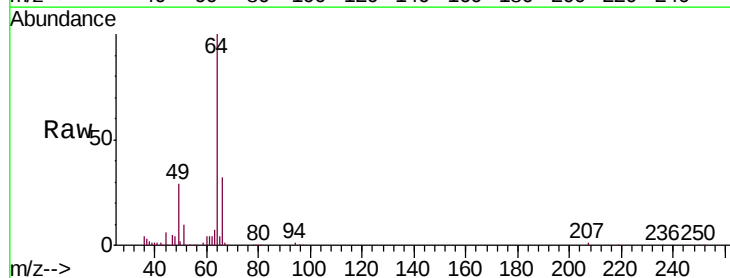
Acq: 25 Jul 2018 17:37

Tgt Ion: 64 Resp: 70560

Ion Ratio Lower Upper

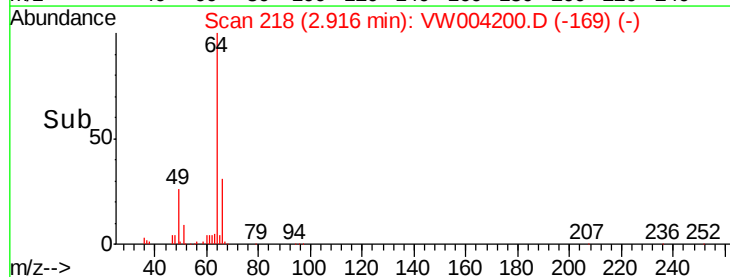
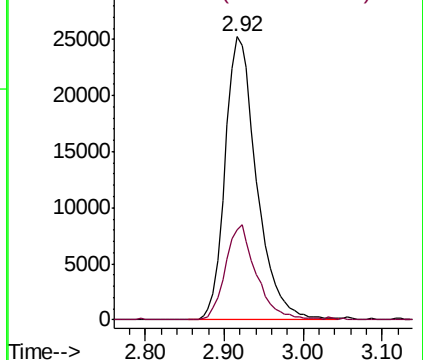
64 100

66 31.7 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#7

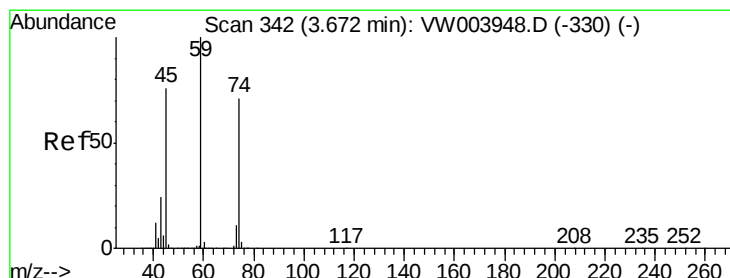
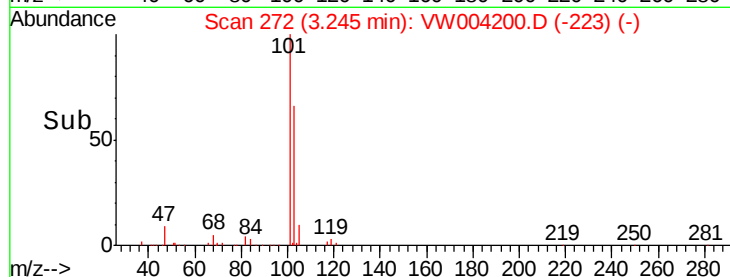
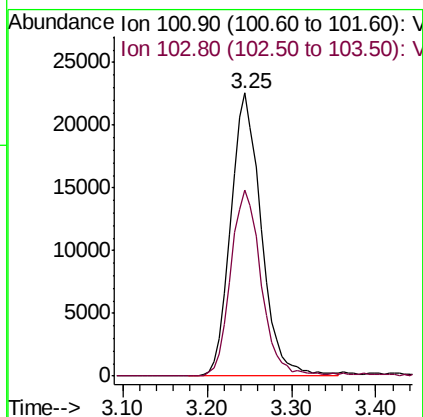
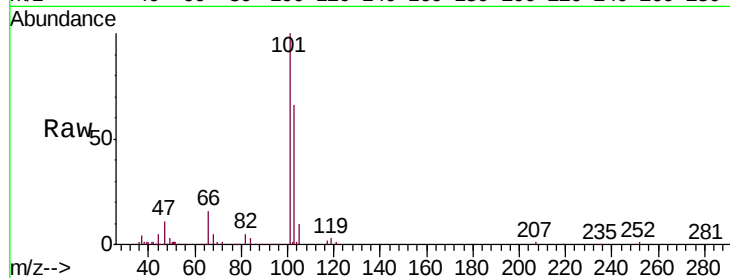
Trichlorofluoromethane
 Concen: 49.41 ug/l
 RT: 3.25 min Scan# 272
 Delta R.T. -0.00 min
 Lab File: VW004200.D
 Acq: 25 Jul 2018 17:37

Instrument :
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 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.9	49.0	73.6

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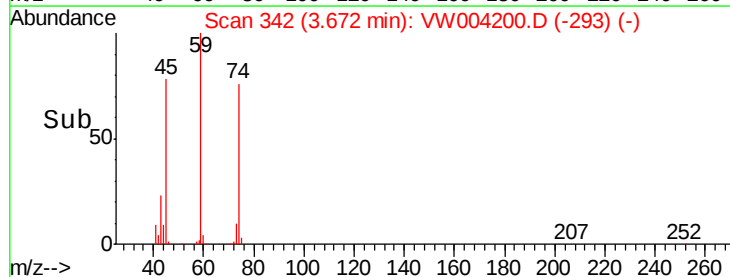
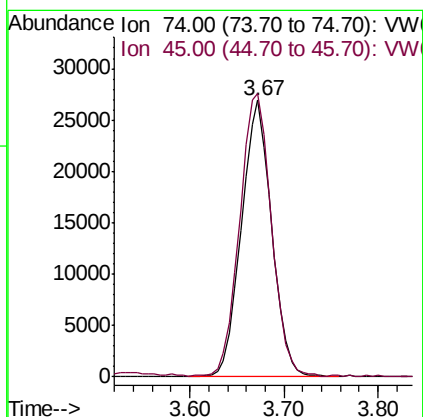
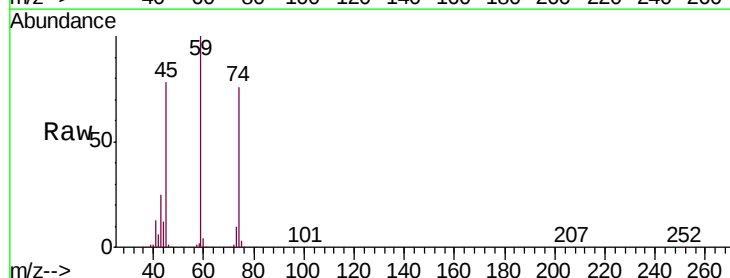
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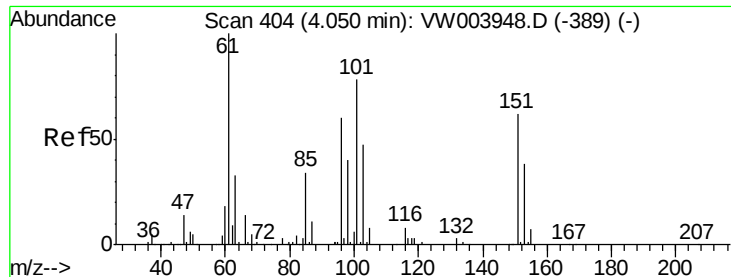


#8

Diethyl Ether
 Concen: 46.40 ug/l
 RT: 3.67 min Scan# 342
 Delta R.T. -0.00 min
 Lab File: VW004200.D
 Acq: 25 Jul 2018 17:37

Tgt Ion	Ratio	Lower	Upper
74	100		
45	106.9	53.8	161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.00 ug/l

RT: 4.05 min Scan# 404

Delta R.T. -0.00 min

Lab File: VW004200.D

Acq: 25 Jul 2018 17:37

Instrument :

MSVOA_W

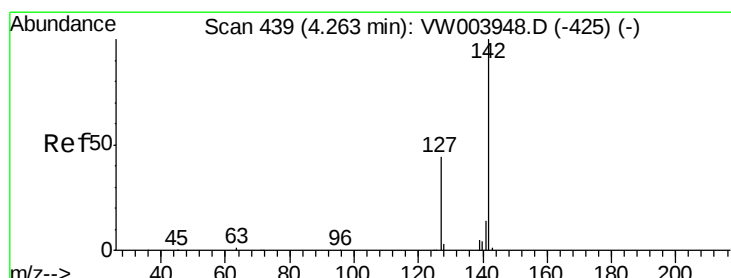
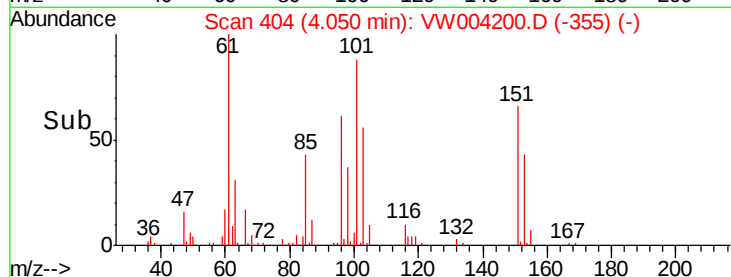
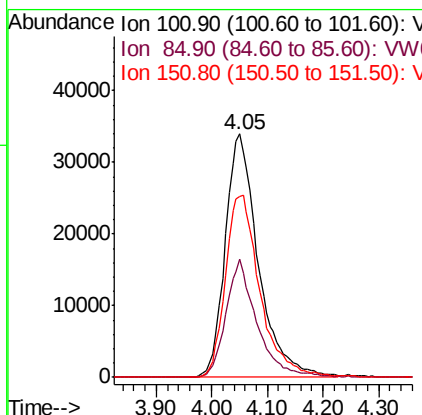
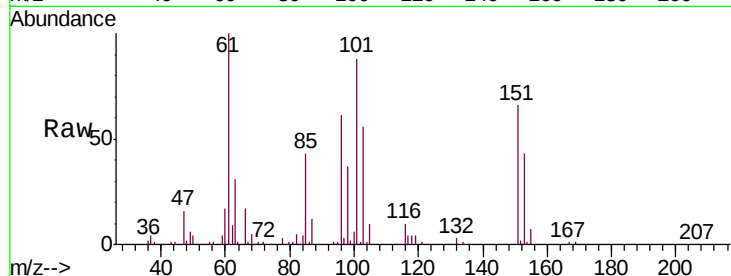
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	139760
Ion Ratio	Lower	Upper	
101	100		
85	45.0	35.8	53.6
151	78.5	63.6	95.4

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#10

Methyl Iodide

Concen: 52.12 ug/l

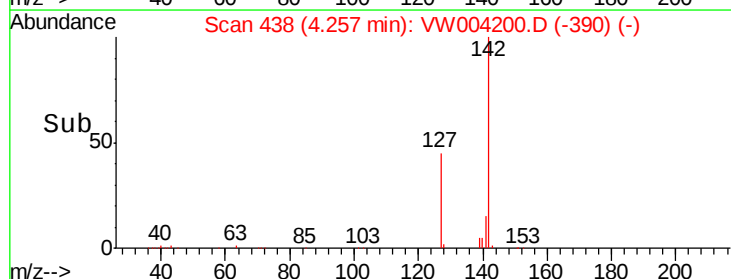
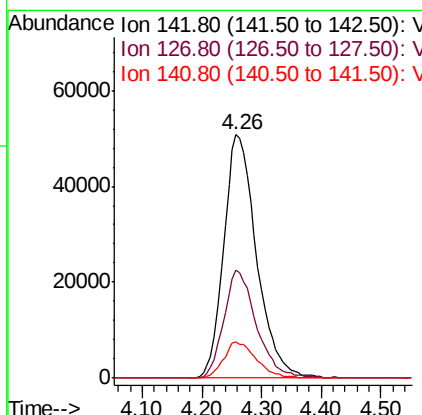
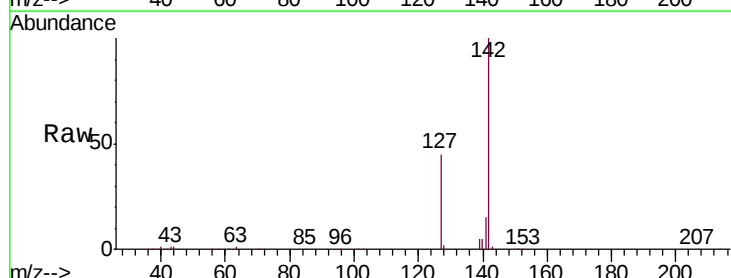
RT: 4.26 min Scan# 438

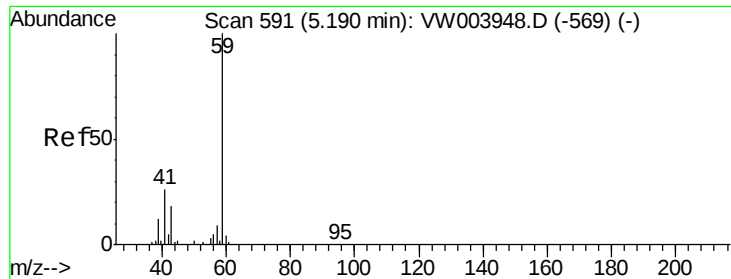
Delta R.T. -0.01 min

Lab File: VW004200.D

Acq: 25 Jul 2018 17:37

Tgt Ion:	142	Resp:	193750
Ion Ratio	Lower	Upper	
142	100		
127	44.3	35.4	53.2
141	14.9	11.7	17.5





#11

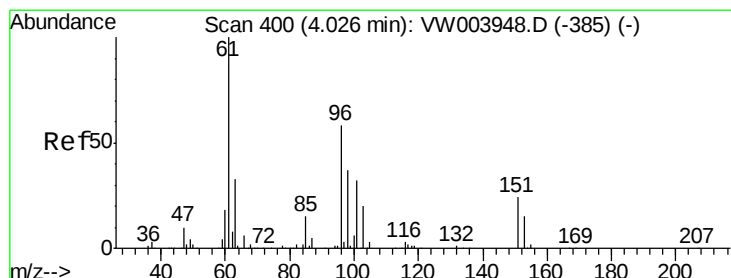
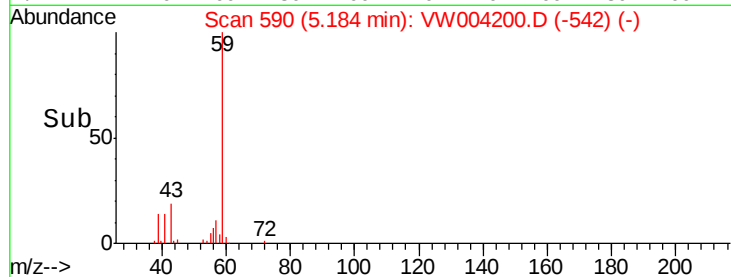
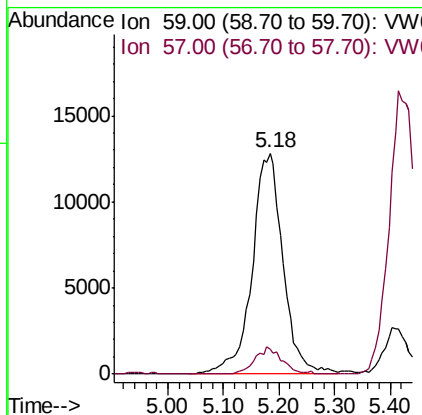
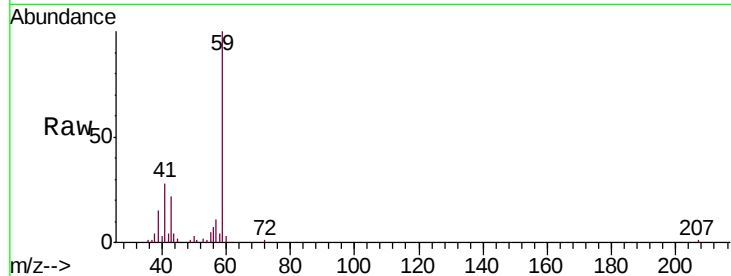
Tert butyl alcohol
Concen: 245.49 ug/l
RT: 5.18 min Scan# 590
Delta R.T. -0.01 min
Lab File: VW004200.D
Acq: 25 Jul 2018 17:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	59	Resp	49778
Ion Ratio	100	Lower	Upper
57	10.7	8.5	12.7

Manual Integrations
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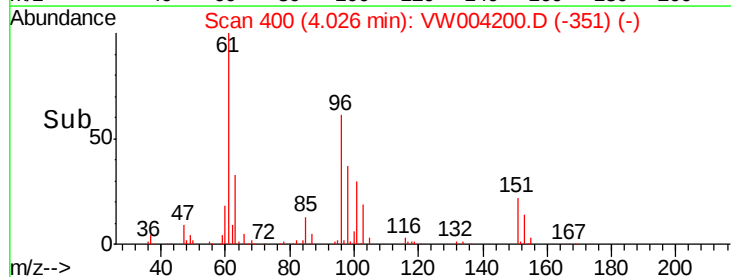
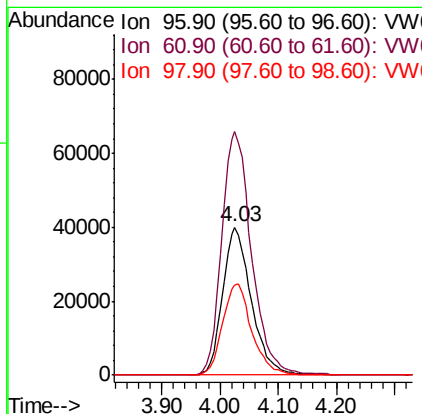
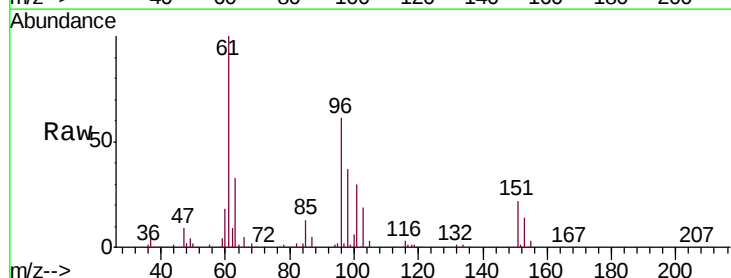
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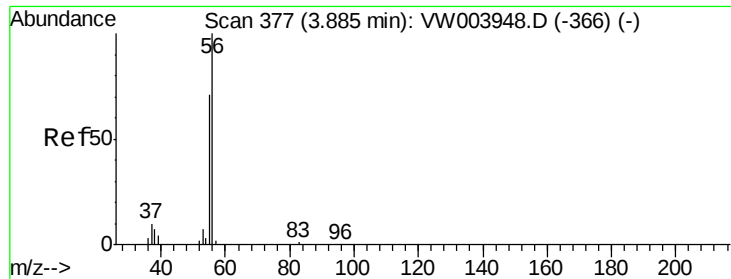


#12

1,1-Dichloroethene
Concen: 53.60 ug/l
RT: 4.03 min Scan# 400
Delta R.T. -0.00 min
Lab File: VW004200.D
Acq: 25 Jul 2018 17:37

Tgt Ion	96	Resp	136878
Ion Ratio	100	Lower	Upper
61	164.4	137.0	205.6
98	61.1	50.2	75.4





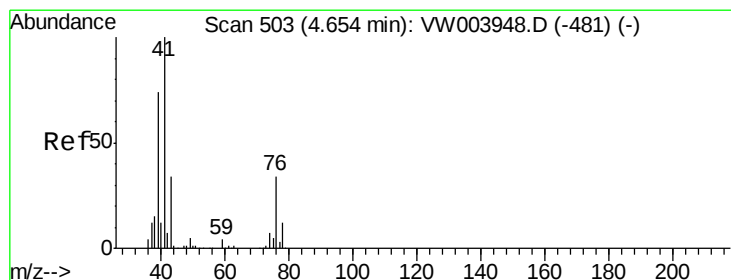
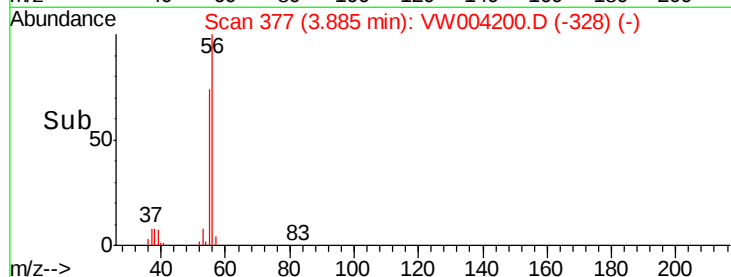
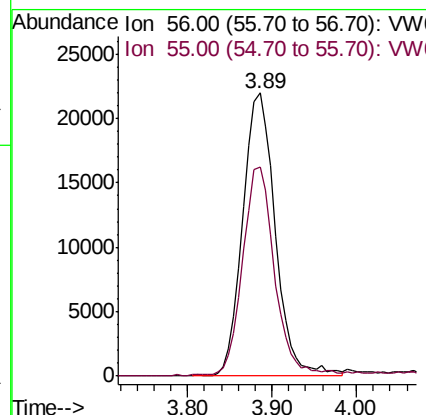
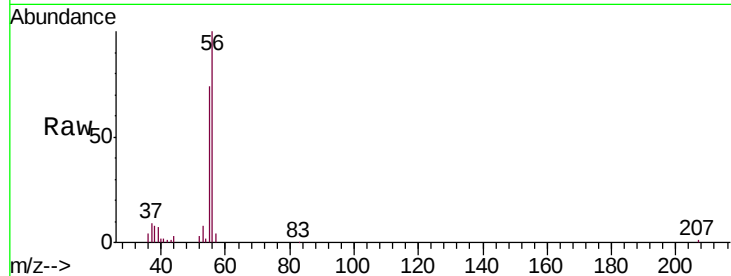
#13
Acrolein
Concen: 276.18 ug/l
RT: 3.89 min Scan# 377
Delta R.T. -0.00 min
Lab File: VW004200.D
Acq: 25 Jul 2018 17:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.8	58.2	87.4

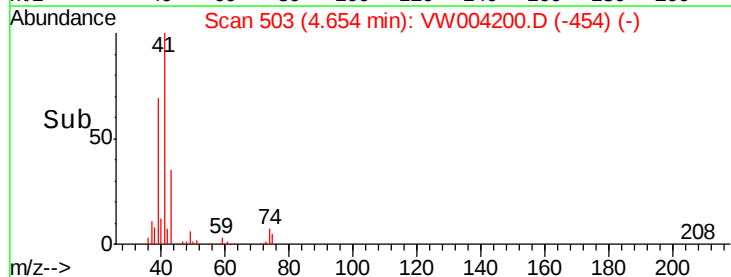
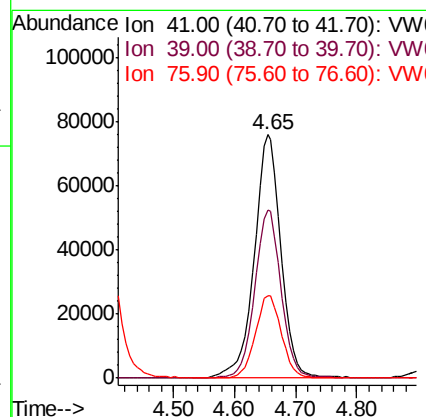
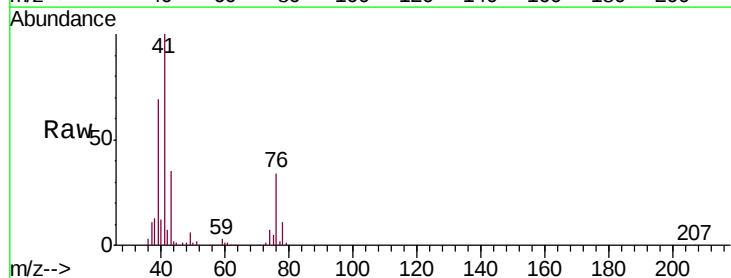
Manual Integrations
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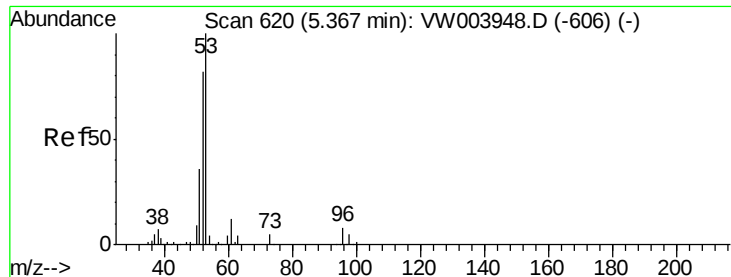
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#14
Allyl chloride
Concen: 55.05 ug/l
RT: 4.65 min Scan# 503
Delta R.T. -0.00 min
Lab File: VW004200.D
Acq: 25 Jul 2018 17:37

Tgt Ion	Ratio	Lower	Upper
41	100		
39	68.5	57.0	85.4
76	33.1	26.5	39.7





#15

Acrylonitrile

Concen: 268.84 ug/l

RT: 5.36 min Scan# 619

Delta R.T. -0.01 min

Lab File: VW004200.D

Acq: 25 Jul 2018 17:37

Instrument :

MSVOA_W

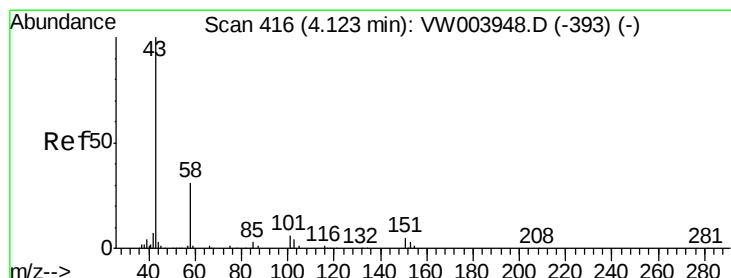
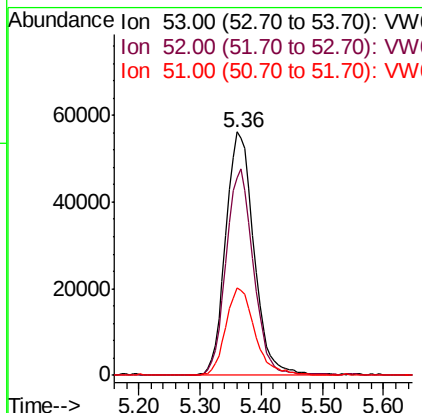
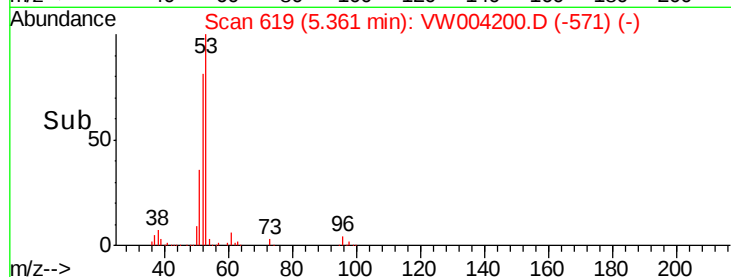
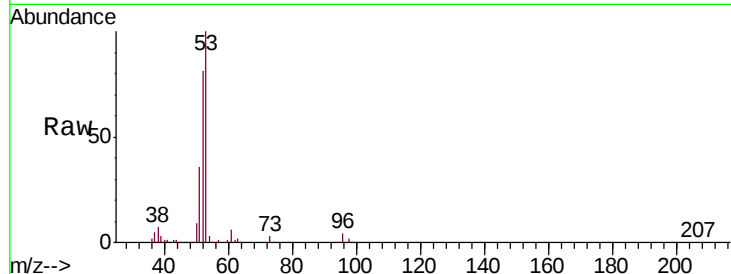
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	179354
Ion Ratio	Lower	Upper	
53	100		
52	81.3	66.1	99.1
51	36.8	29.8	44.6

Manual Integrations
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#16

Acetone

Concen: 280.19 ug/l

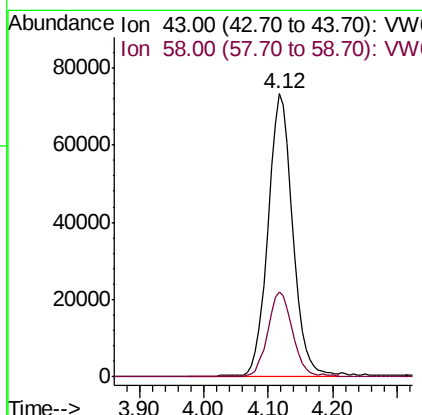
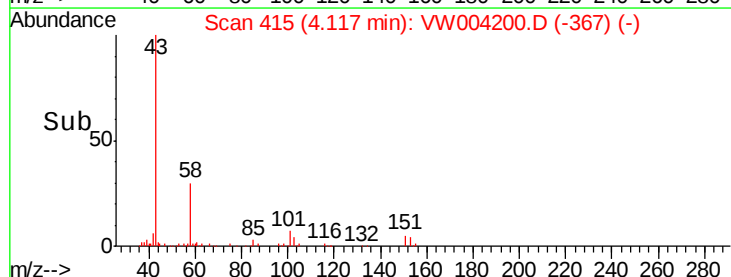
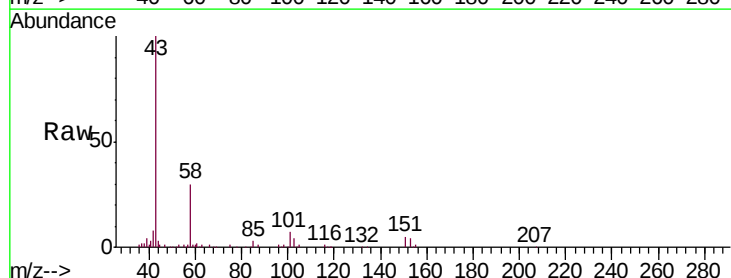
RT: 4.12 min Scan# 415

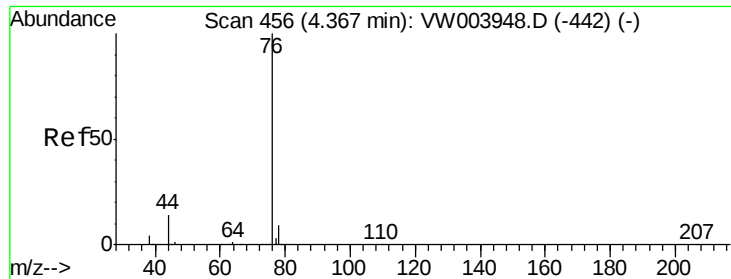
Delta R.T. -0.01 min

Lab File: VW004200.D

Acq: 25 Jul 2018 17:37

Tgt Ion:	43	Resp:	197766
Ion Ratio	Lower	Upper	
43	100		
58	29.9	24.5	36.7





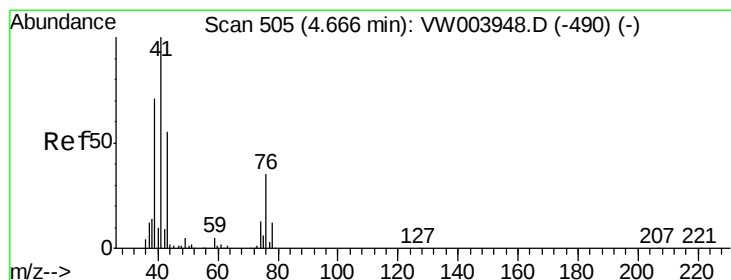
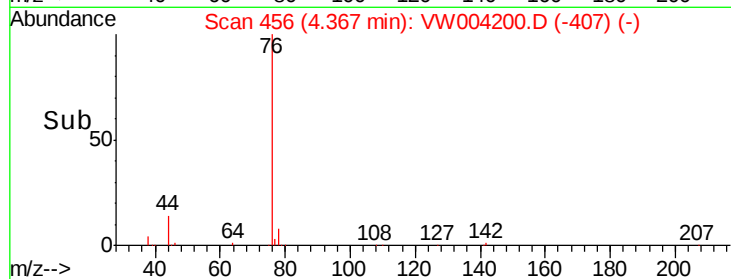
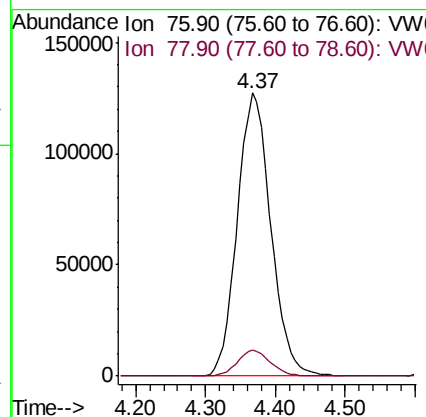
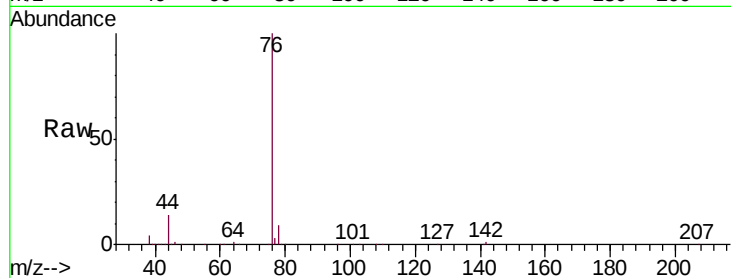
#17
Carbon Disulfide
Concen: 53.17 ug/l
RT: 4.37 min Scan# 456
Delta R.T. -0.00 min
Lab File: VW004200.D
Acq: 25 Jul 2018 17:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.1	10.7

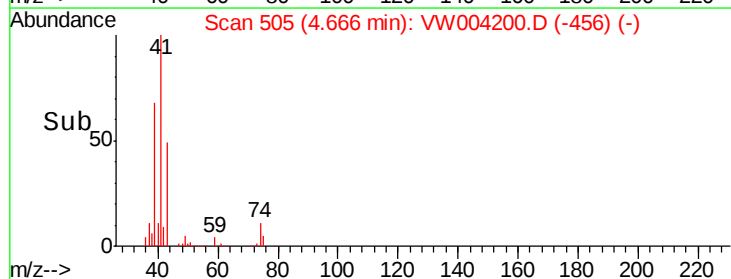
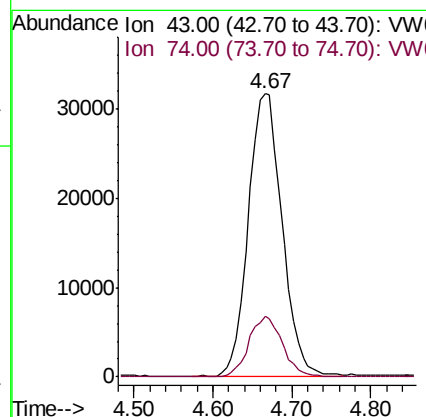
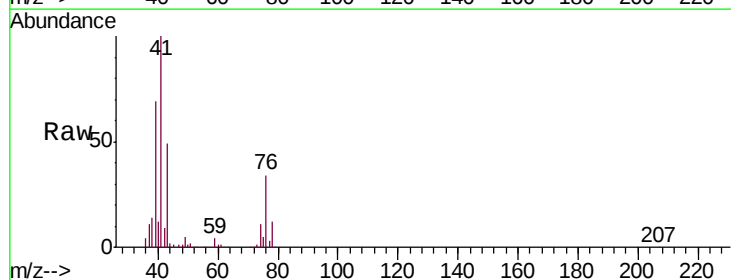
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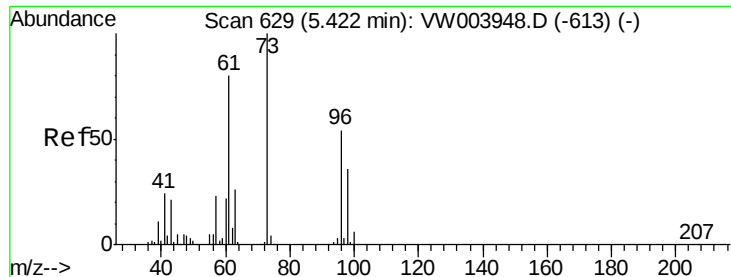
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#18
Methyl Acetate
Concen: 55.73 ug/l
RT: 4.67 min Scan# 505
Delta R.T. -0.00 min
Lab File: VW004200.D
Acq: 25 Jul 2018 17:37

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.4	17.7	26.5





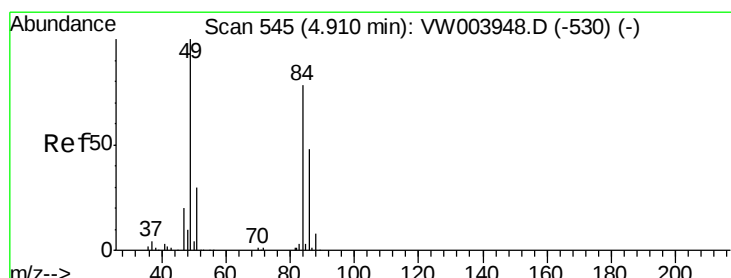
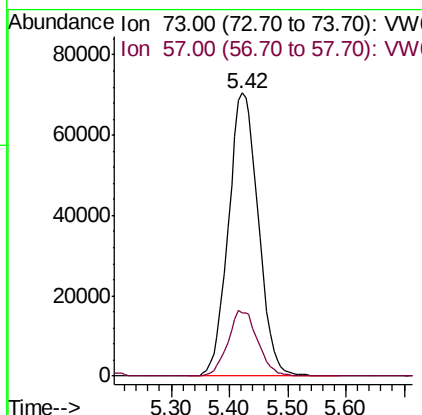
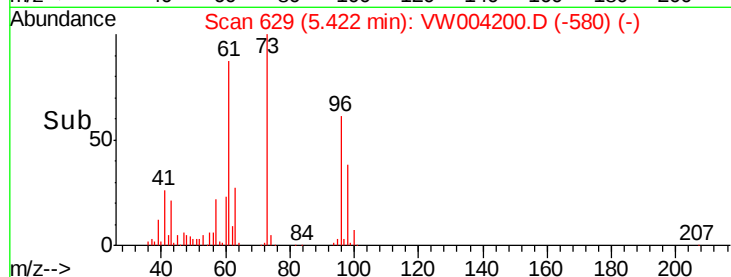
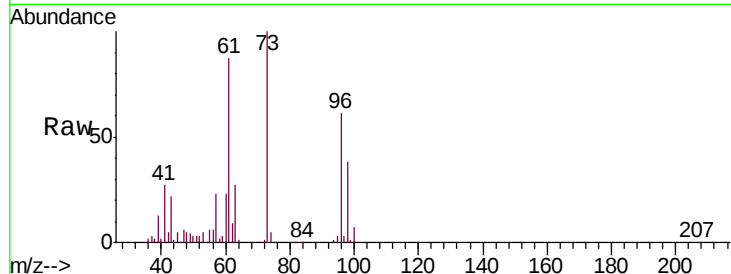
#19
Methyl tert-butyl Ether
Concen: 51.30 ug/l
RT: 5.42 min Scan# 629
Delta R.T. -0.00 min
Lab File: VW004200.D
Acq: 25 Jul 2018 17:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 251065
Ion Ratio Lower Upper
73 100
57 22.5 18.2 27.4

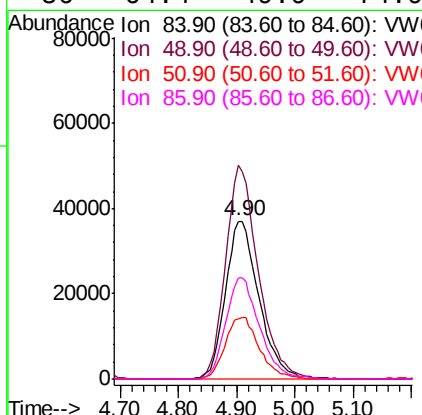
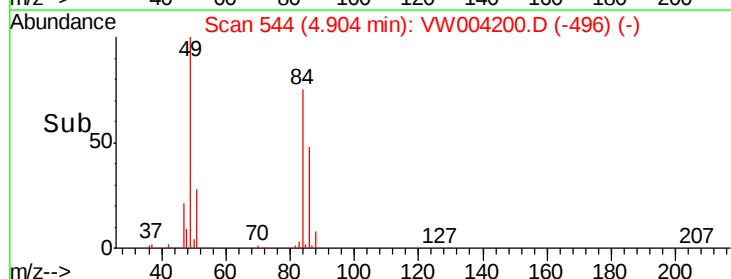
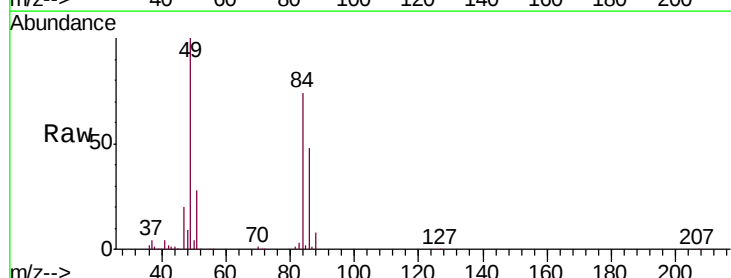
Manual Integrations
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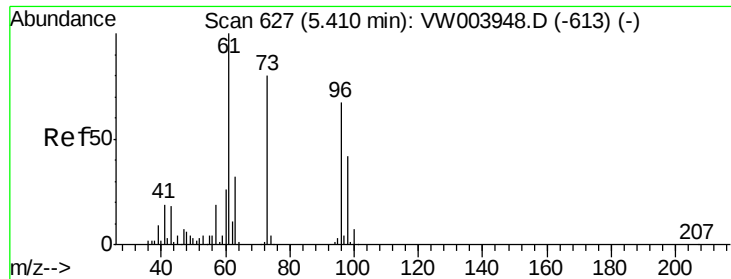
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#20
Methylene Chloride
Concen: 46.95 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW004200.D
Acq: 25 Jul 2018 17:37

Tgt Ion: 84 Resp: 147798
Ion Ratio Lower Upper
84 100
49 135.2 102.9 154.3
51 38.4 30.9 46.3
86 64.4 49.9 74.9





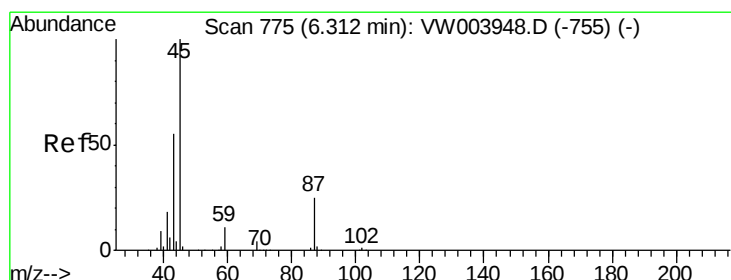
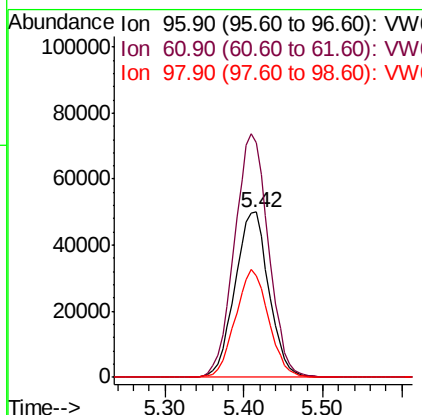
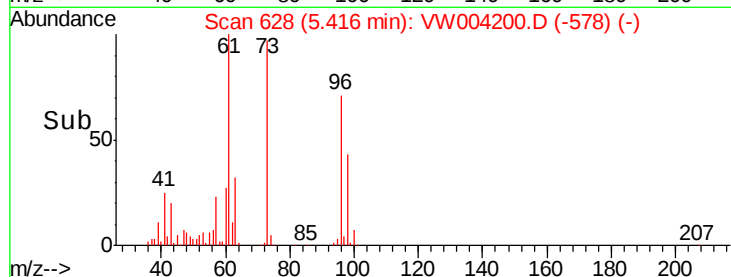
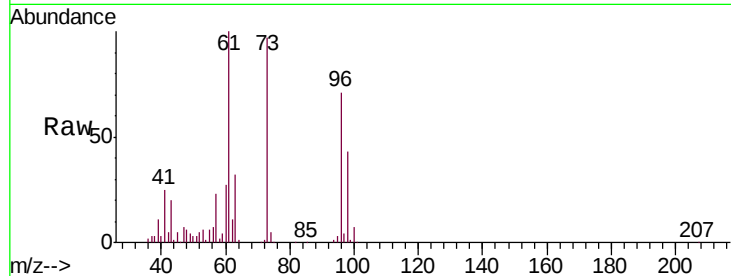
#21
trans-1,2-Dichloroethene
Concen: 53.66 ug/l
RT: 5.42 min Scan# 628
Delta R.T. 0.01 min
Lab File: VW004200.D
Acq: 25 Jul 2018 17:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	141.7	119.0	178.4
98	61.4	49.9	74.9

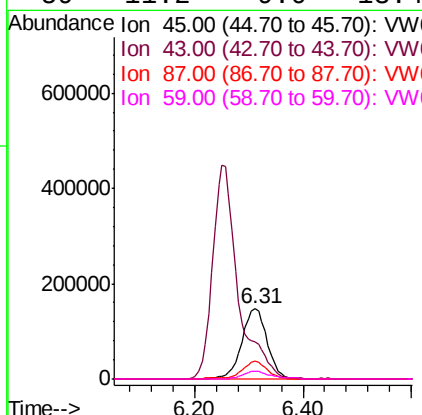
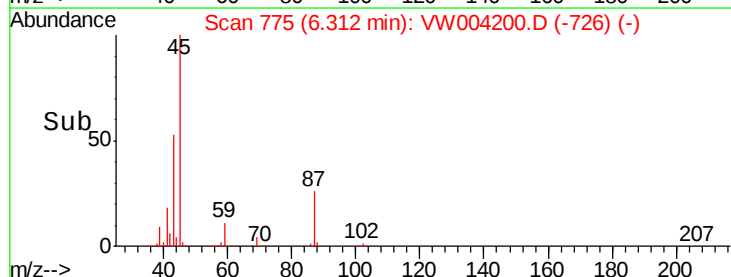
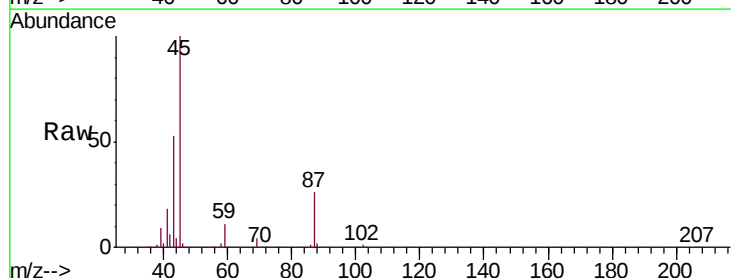
Manual Integrations
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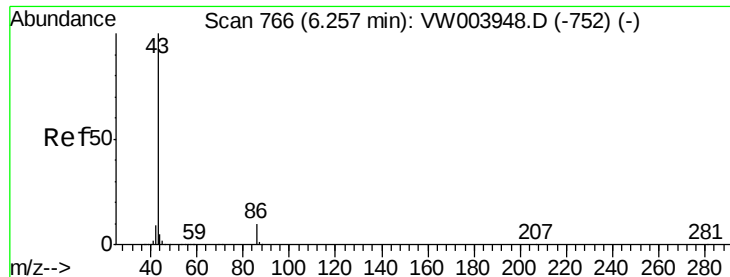
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#22
Diisopropyl ether
Concen: 56.21 ug/l
RT: 6.31 min Scan# 775
Delta R.T. -0.00 min
Lab File: VW004200.D
Acq: 25 Jul 2018 17:37

Tgt Ion	Ratio	Lower	Upper
45	100		
43	52.9	44.3	66.5
87	25.5	20.2	30.4
59	11.2	9.0	13.4





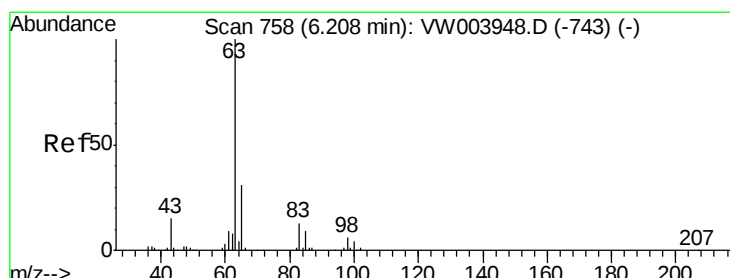
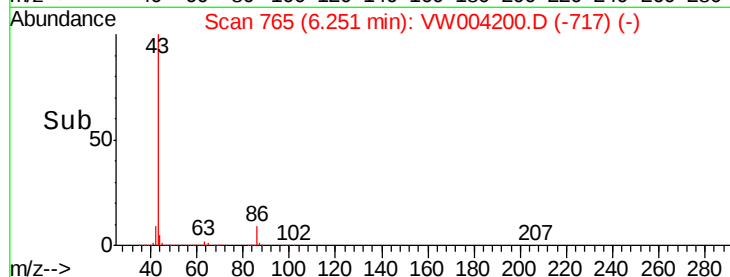
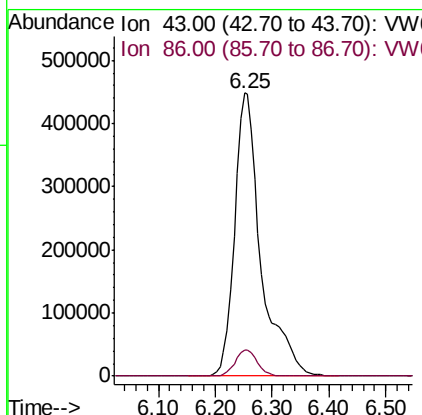
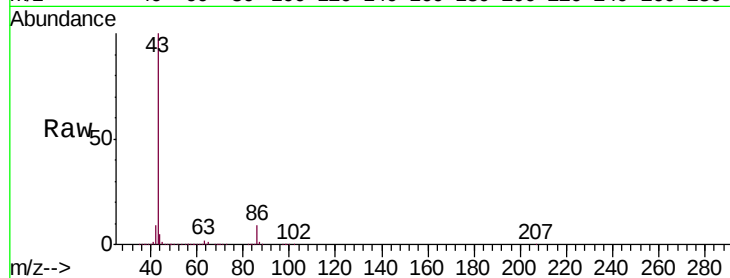
#23
 Vinyl Acetate
 Concen: 268.25 ug/l
 RT: 6.25 min Scan# 765
 Delta R.T. -0.01 min
 Lab File: VW004200.D
 Acq: 25 Jul 2018 17:37

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDCCC050

Tot Ion: 43 Resp: 1447982
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.6 11.4

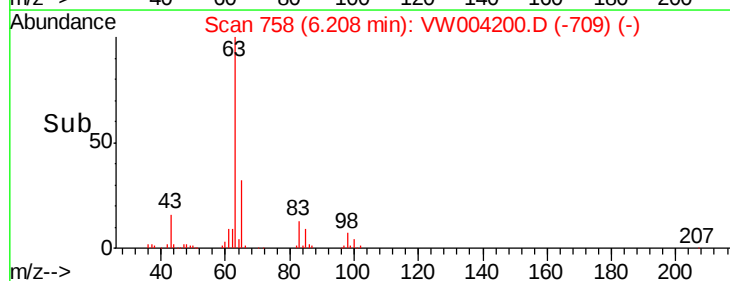
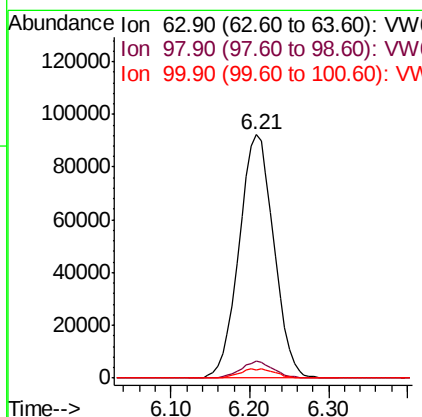
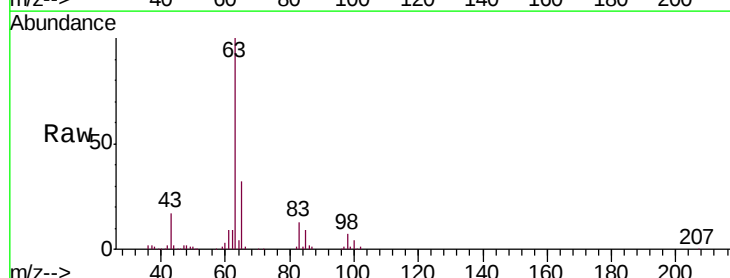
Manual Integrations
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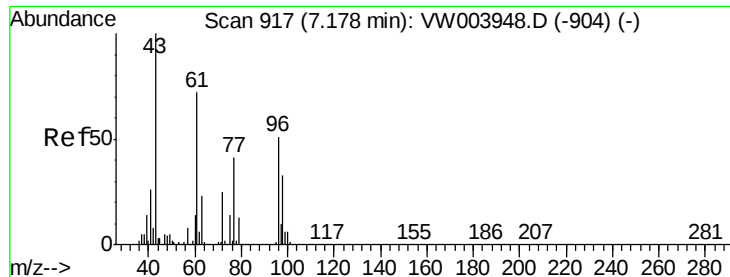
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#24
 1,1-Dichloroethane
 Concen: 54.19 ug/l
 RT: 6.21 min Scan# 758
 Delta R.T. -0.00 min
 Lab File: VW004200.D
 Acq: 25 Jul 2018 17:37

Tgt Ion: 63 Resp: 281690
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.1 9.4
 100 3.6 2.1 6.5





#25

2-Butanone

Concen: 265.75 ug/l

RT: 7.17 min Scan# 916

Delta R.T. -0.01 min

Lab File: VW004200.D

Acq: 25 Jul 2018 17:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 252424

Ion Ratio Lower Upper

43 100

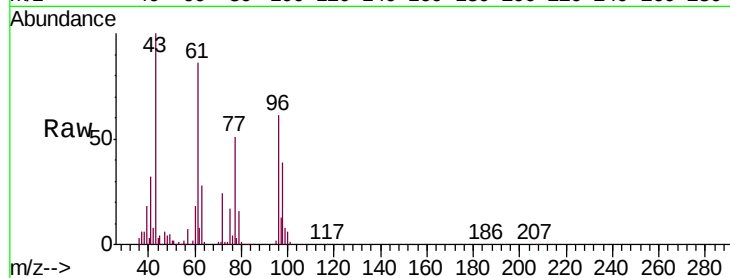
72 24.0 19.8 29.6

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

7.17

100000

80000

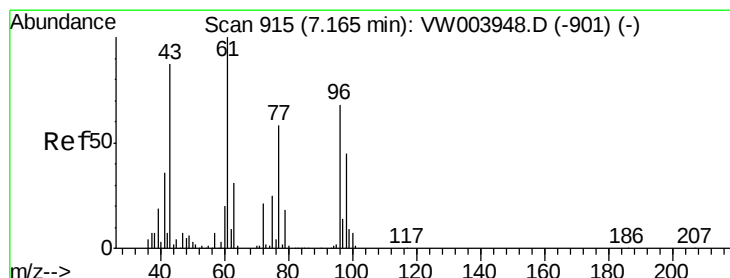
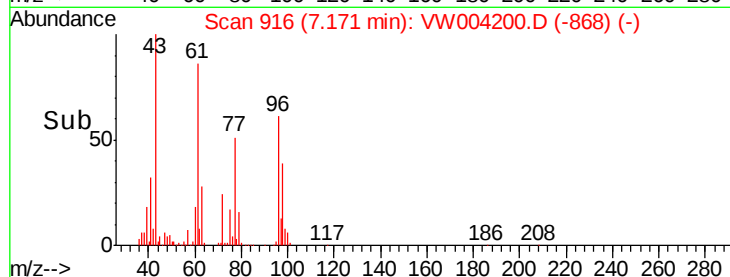
60000

40000

20000

0

Time--> 7.05 7.10 7.15 7.20 7.25



#26

2,2-Dichloropropane

Concen: 52.67 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW004200.D

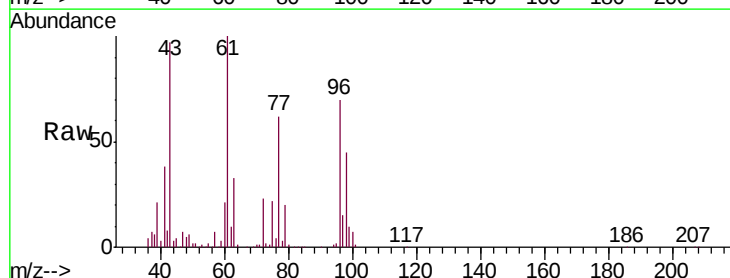
Acq: 25 Jul 2018 17:37

Tgt Ion: 77 Resp: 157160

Ion Ratio Lower Upper

77 100

97 23.9 11.8 35.3



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW

7.17

60000

50000

40000

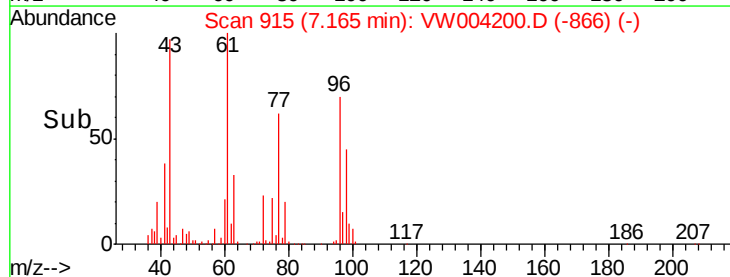
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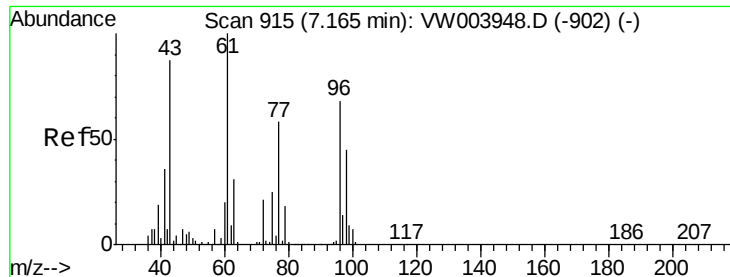
20000

10000

0

Time--> 7.00 7.10 7.20 7.30





#27

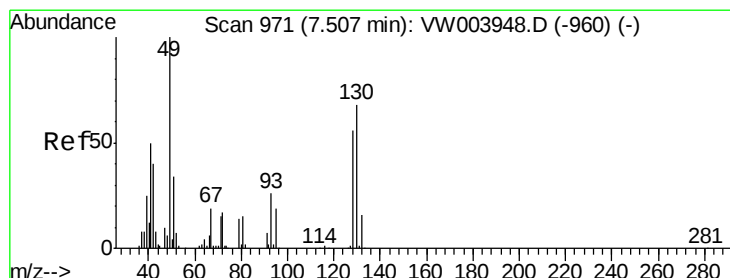
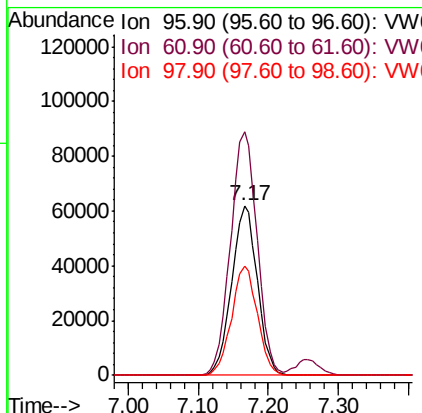
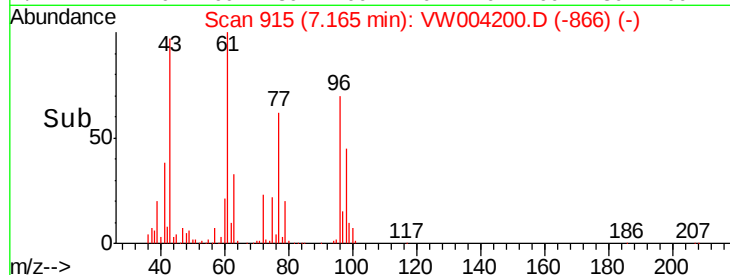
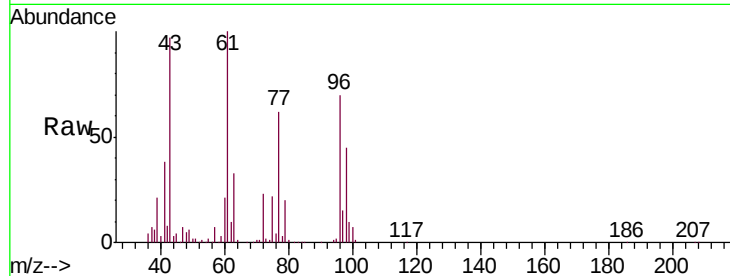
cis-1,2-Dichloroethene
Concen: 52.23 ug/l
RT: 7.17 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW004200.D
Acq: 25 Jul 2018 17:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	148.7	0.0	298.6
98	64.8	0.0	130.4

Manual Integrations
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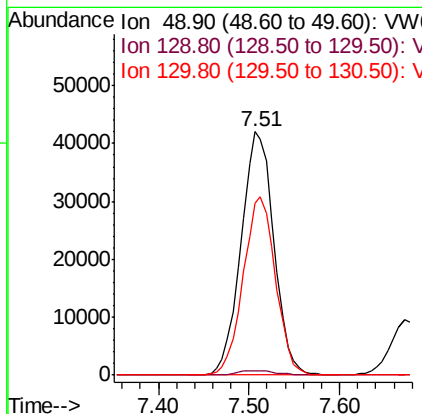
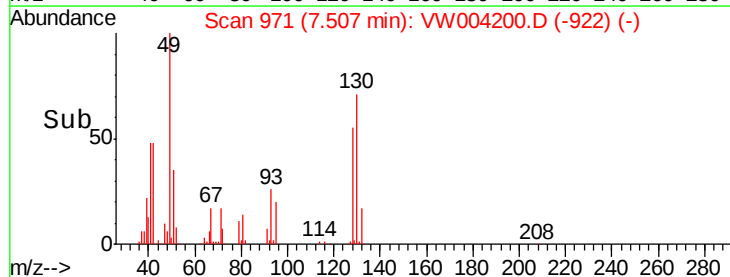
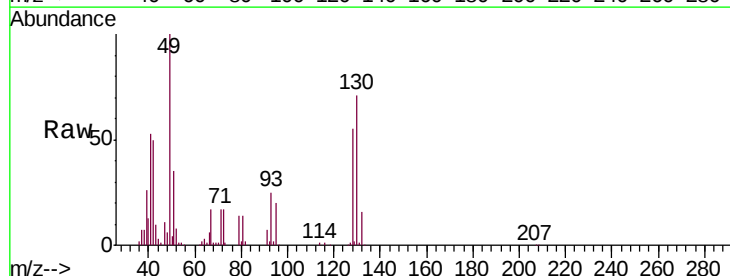
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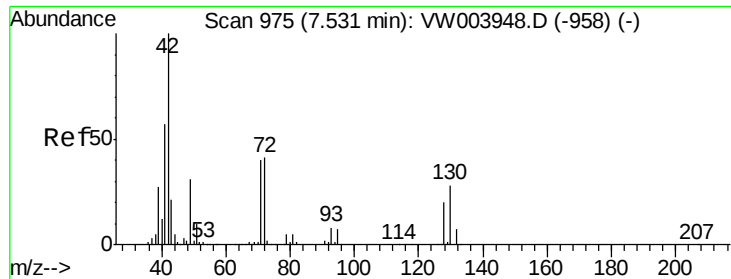


#28

Bromochloromethane
Concen: 49.42 ug/l
RT: 7.51 min Scan# 971
Delta R.T. -0.00 min
Lab File: VW004200.D
Acq: 25 Jul 2018 17:37

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	2.2
130	72.0	58.3	87.5





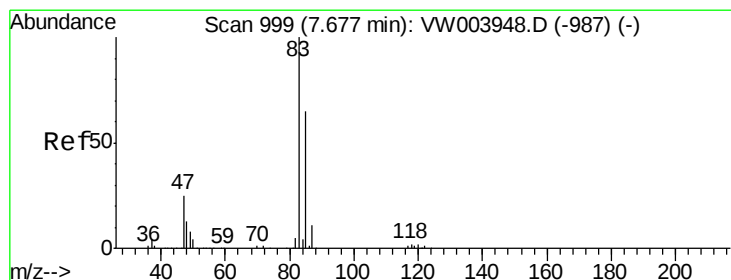
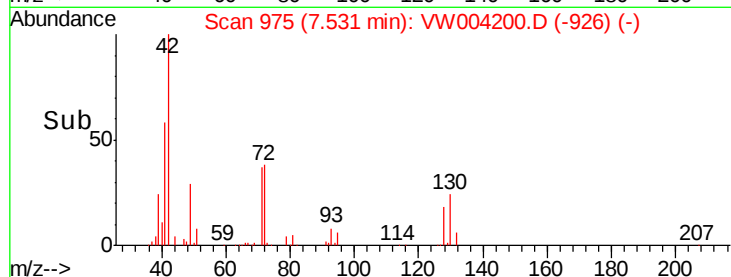
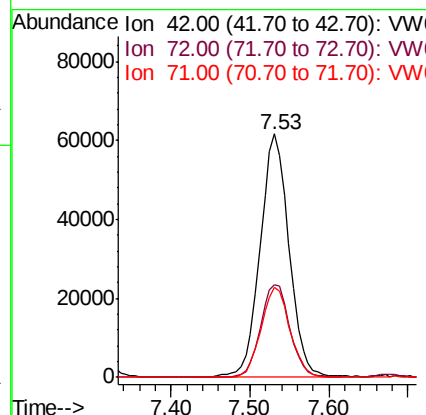
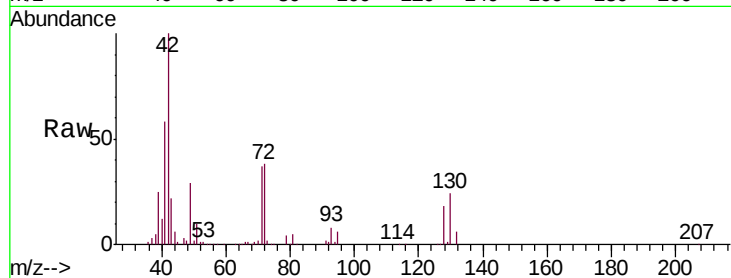
#29
Tetrahydrofuran
Concen: 264.31 ug/l
RT: 7.53 min Scan# 975
Delta R.T. -0.00 min
Lab File: VW004200.D
Acq: 25 Jul 2018 17:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.0	32.6	48.8
71	37.2	30.5	45.7

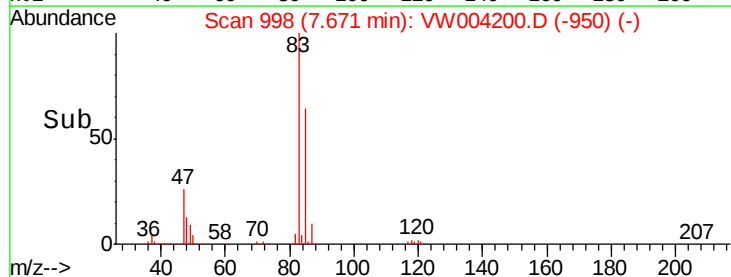
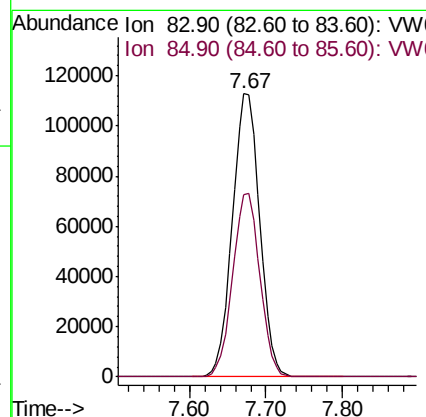
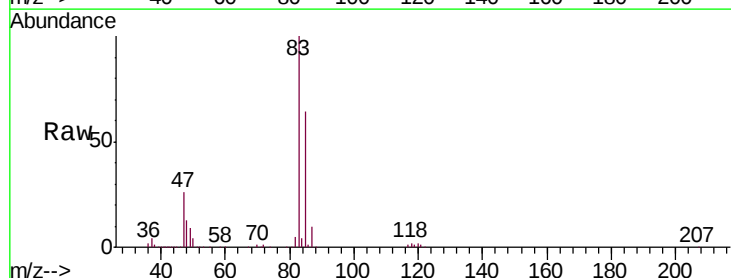
Manual Integrations
APPROVED

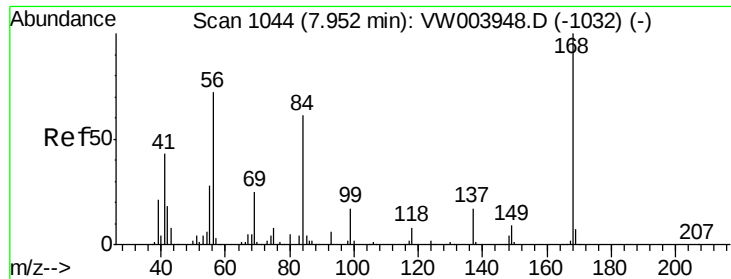
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#30
Chloroform
Concen: 53.77 ug/l
RT: 7.67 min Scan# 998
Delta R.T. -0.01 min
Lab File: VW004200.D
Acq: 25 Jul 2018 17:37

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	52.2	78.4





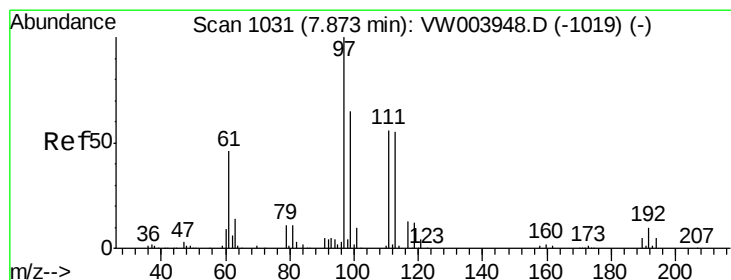
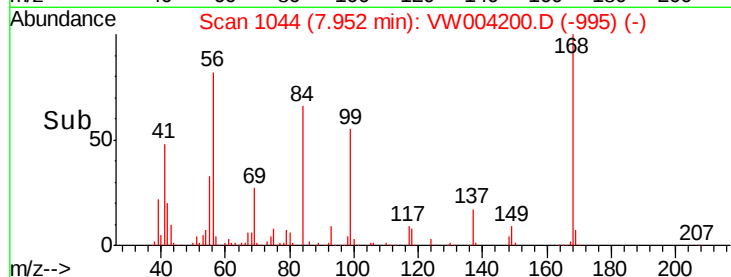
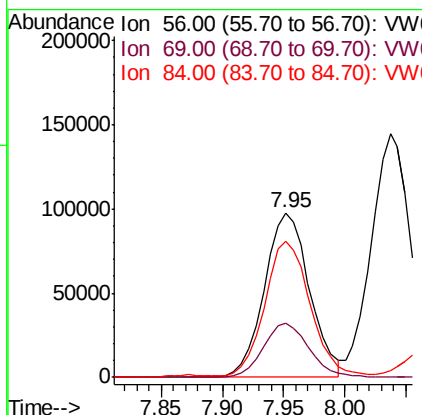
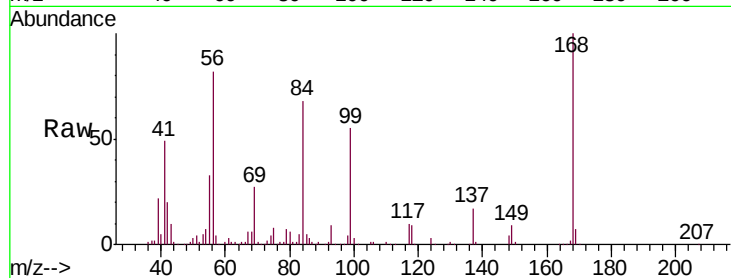
#31
Cyclohexane
Concen: 51.49 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VW004200.D
Acq: 25 Jul 2018 17:37

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.5	27.8	41.8
84	81.1	67.2	100.8

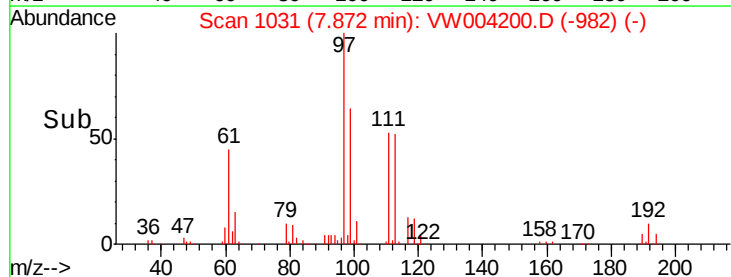
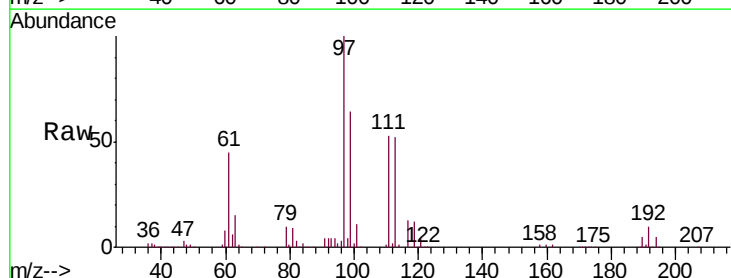
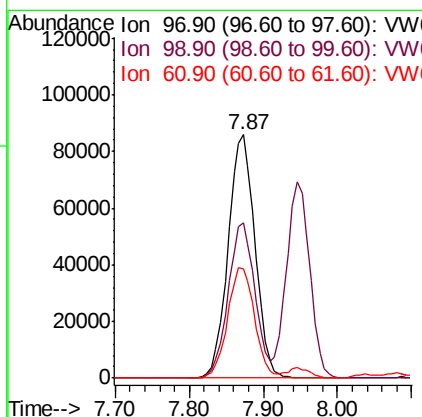
Manual Integrations
APPROVED

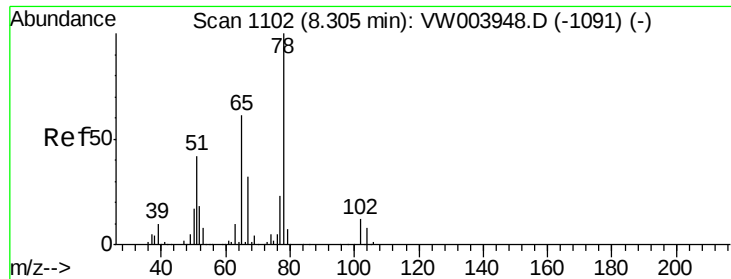
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#32
1,1,1-Trichloroethane
Concen: 53.57 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VW004200.D
Acq: 25 Jul 2018 17:37

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.3	76.9
61	45.8	36.8	55.2





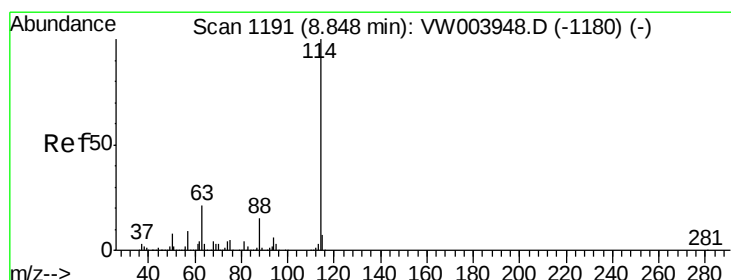
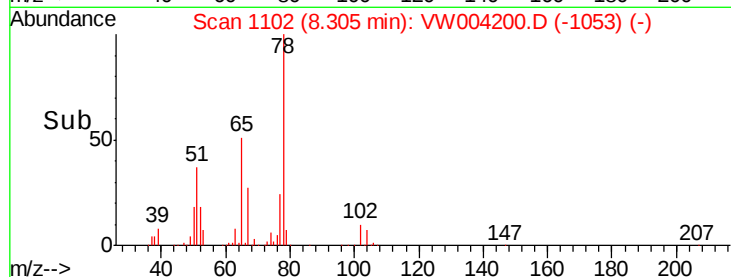
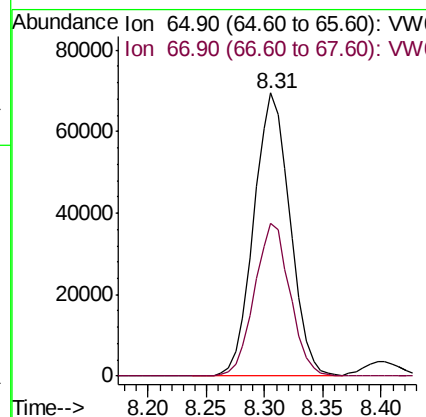
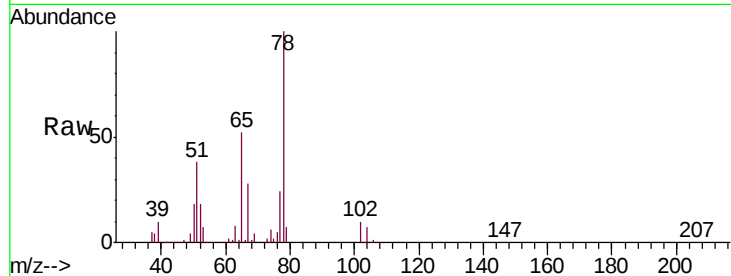
#33
 1,2-Dichloroethane-d4
 Concen: 51.33 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW004200.D
 Acq: 25 Jul 2018 17:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	150775		
67	53.0	0.0	105.0	

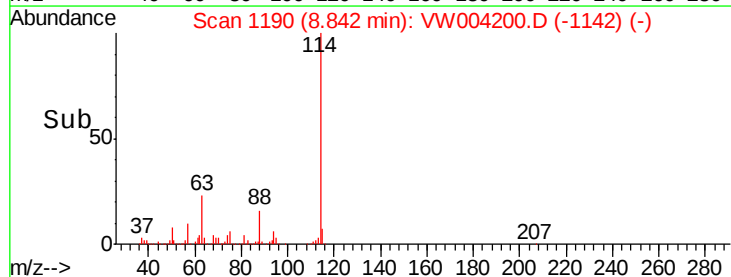
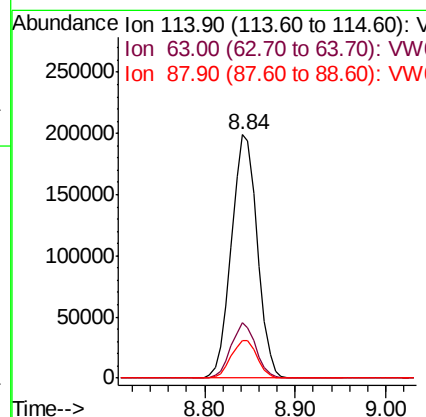
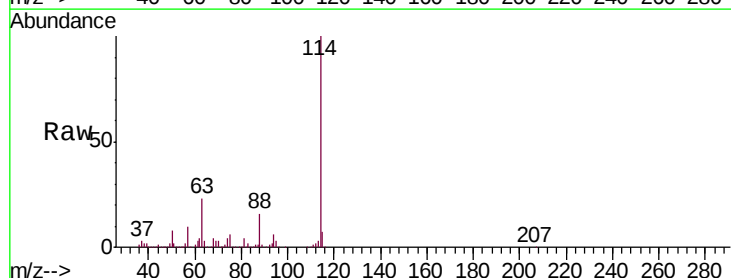
Manual Integrations
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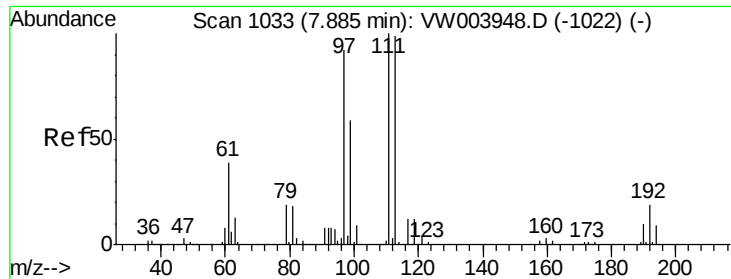
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.84 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: VW004200.D
 Acq: 25 Jul 2018 17:37

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	394261		
63	22.6	0.0	42.8	
88	15.5	0.0	30.4	





#35

Dibromofluoromethane

Concen: 54.01 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW004200.D

Acq: 25 Jul 2018 17:37

Instrument :

MSVOA_W

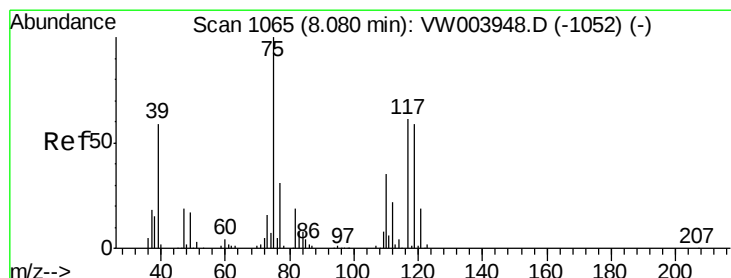
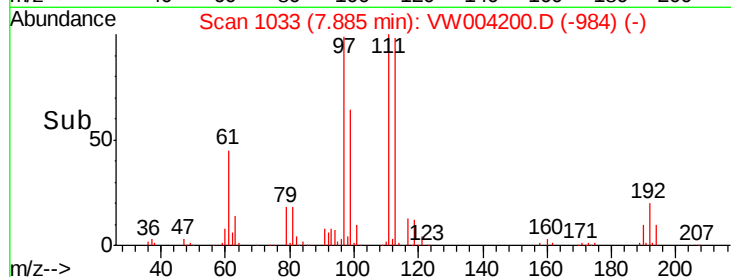
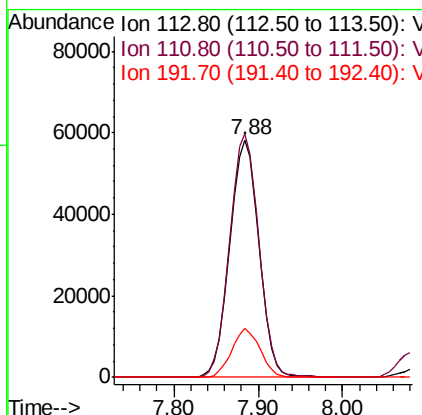
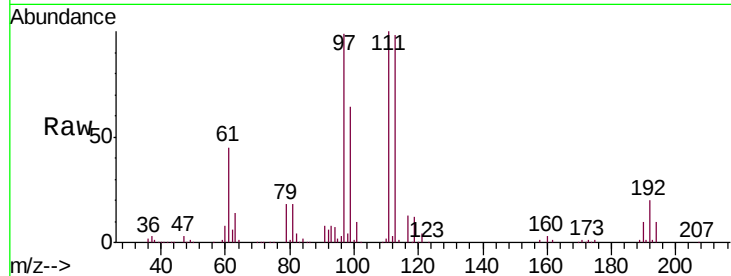
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	136630
Ion Ratio	Lower	Upper	
113	100		
111	102.7	81.3	121.9
192	19.9	15.8	23.6

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 55.81 ug/l

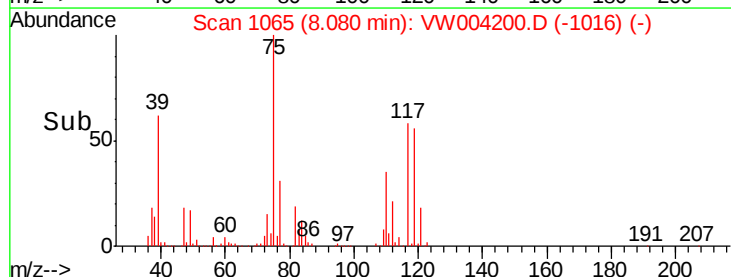
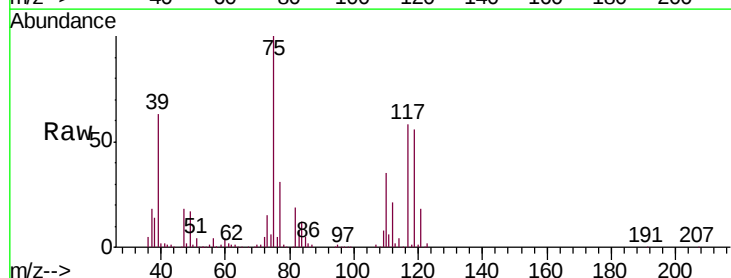
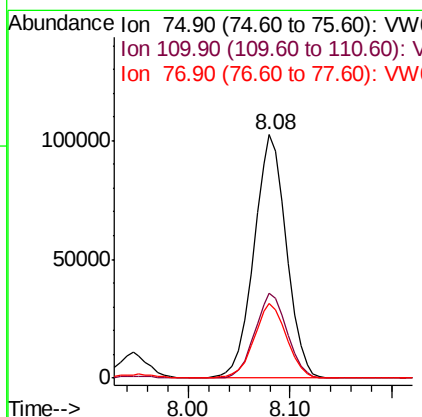
RT: 8.08 min Scan# 1065

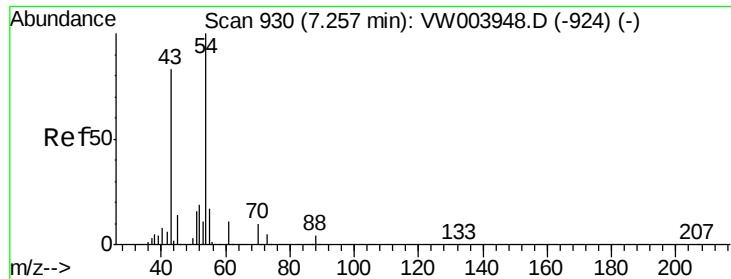
Delta R.T. -0.00 min

Lab File: VW004200.D

Acq: 25 Jul 2018 17:37

Tgt Ion:	75	Resp:	226369
Ion Ratio	Lower	Upper	
75	100		
110	34.7	17.0	51.0
77	31.0	24.9	37.3





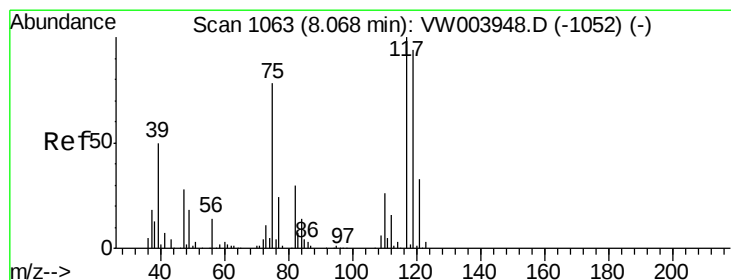
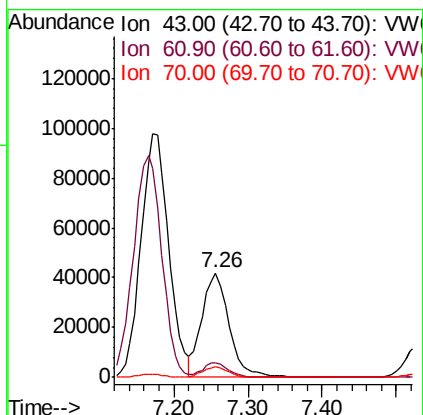
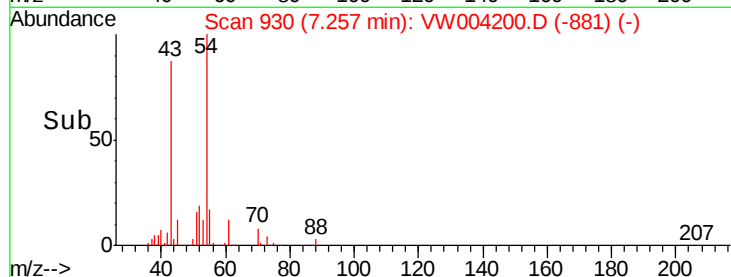
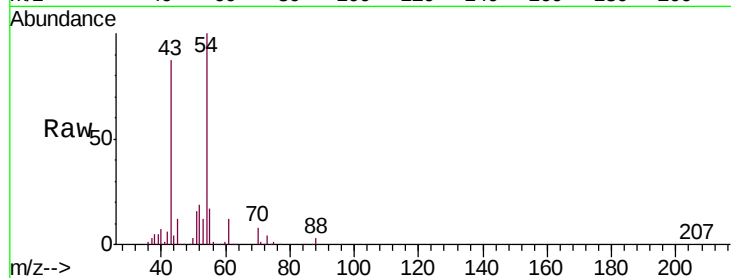
#37
Ethyl Acetate
Concen: 53.77 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.00 min
Lab File: VW004200.D
Acq: 25 Jul 2018 17:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.7	16.1
70	9.6	7.7	11.5

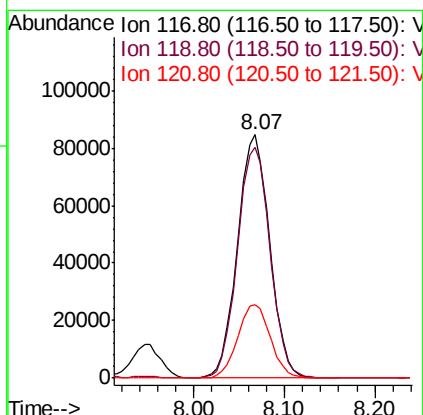
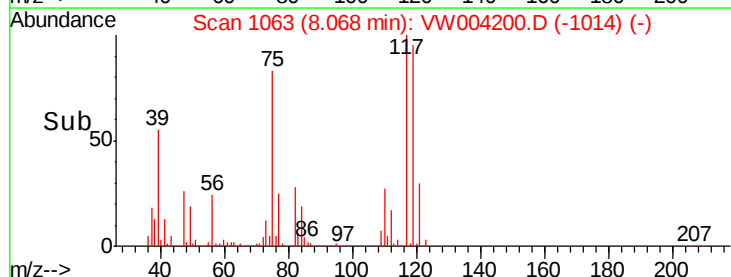
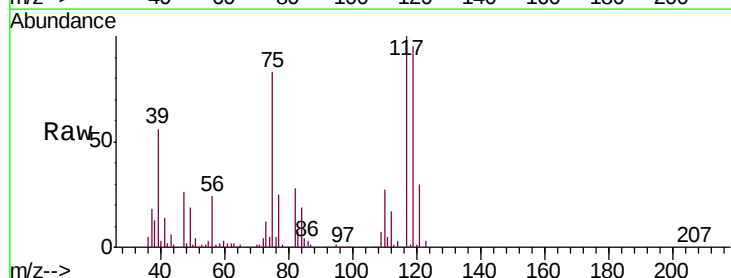
Manual Integrations
APPROVED

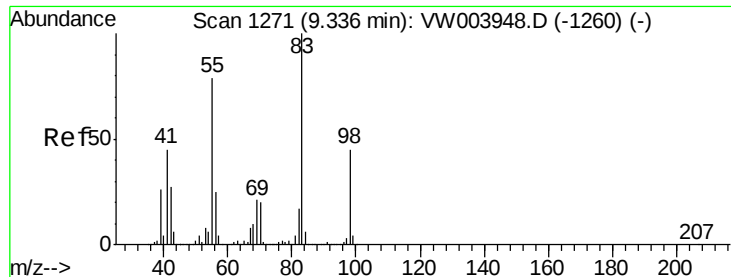
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#38
Carbon Tetrachloride
Concen: 54.99 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VW004200.D
Acq: 25 Jul 2018 17:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.0	75.3	112.9
121	30.3	26.0	39.0





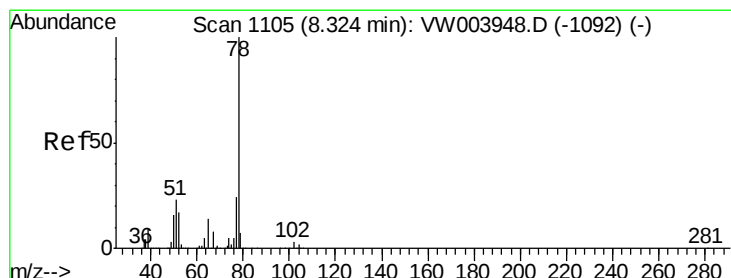
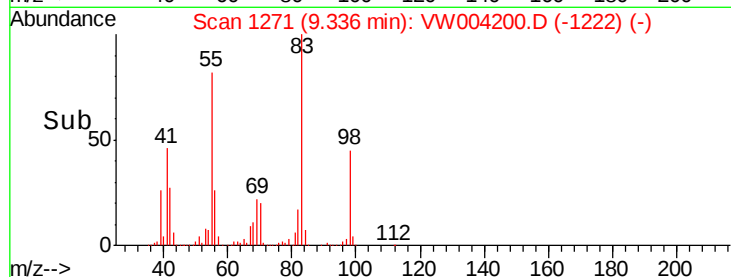
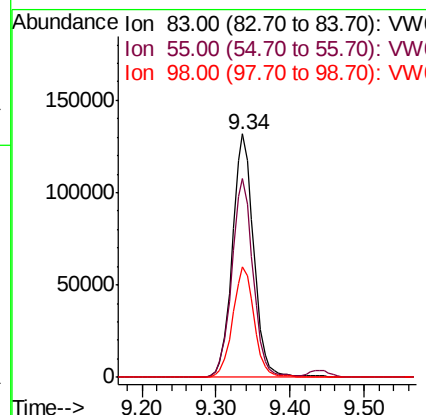
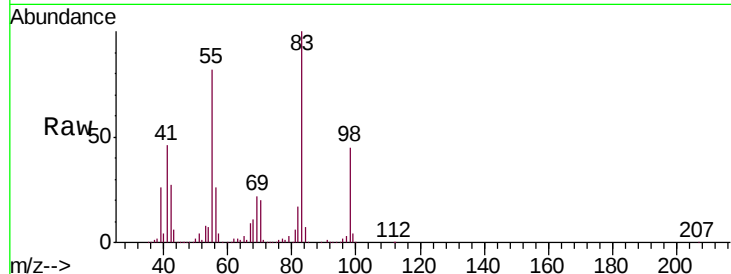
#39
Methvlcvclohexane
Concen: 55.79 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW004200.D
Acq: 25 Jul 2018 17:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	265056		
55	81.6		62.8	94.2
98	45.1		36.2	54.4

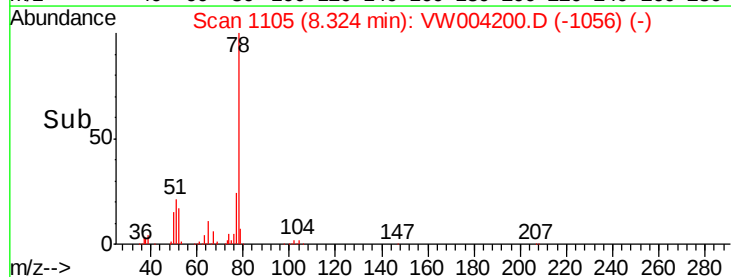
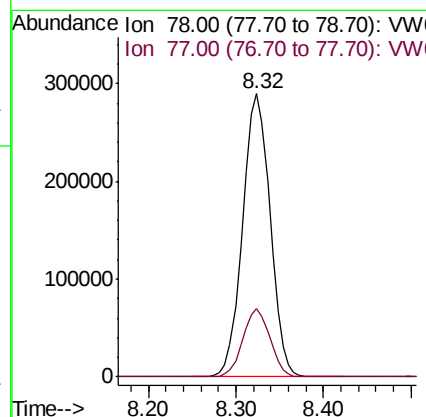
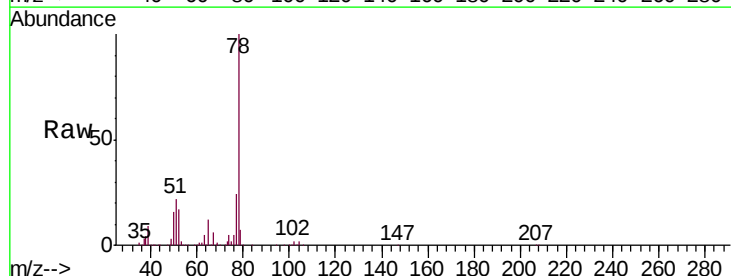
Manual Integrations
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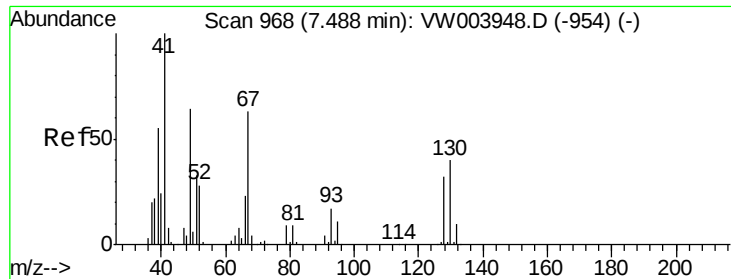
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#40
Benzene
Concen: 56.31 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW004200.D
Acq: 25 Jul 2018 17:37

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	633670		
77	24.3		19.5	29.3





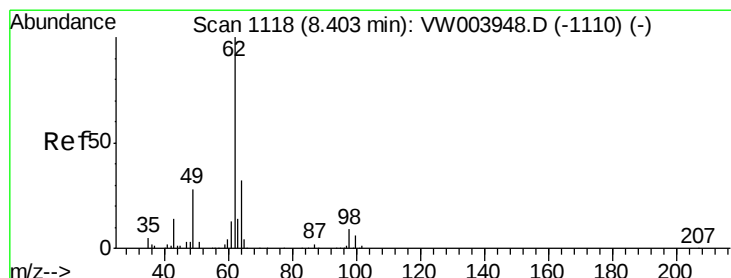
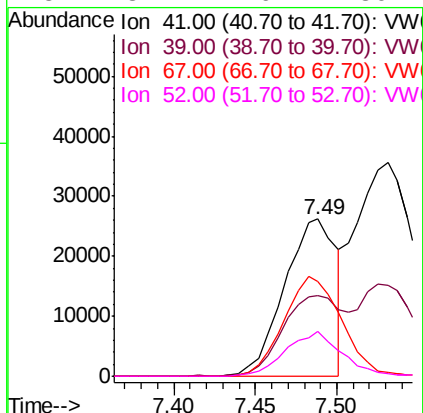
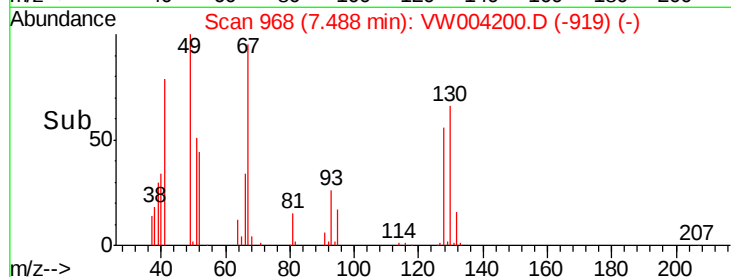
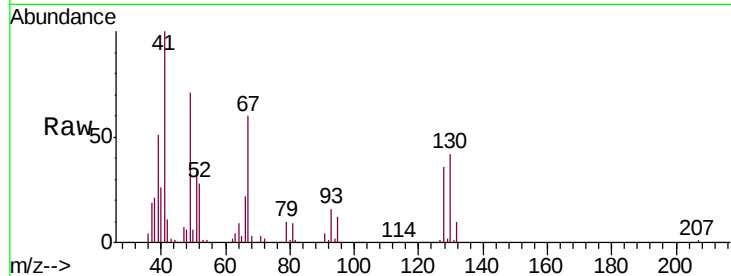
#41
Methacrylonitrile
Concen: 53.56 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.00 min
Lab File: VW004200.D
Acq: 25 Jul 2018 17:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	60.1	50.0	75.0	
67	71.2	60.8	91.2	
52	31.2	26.2	39.4	

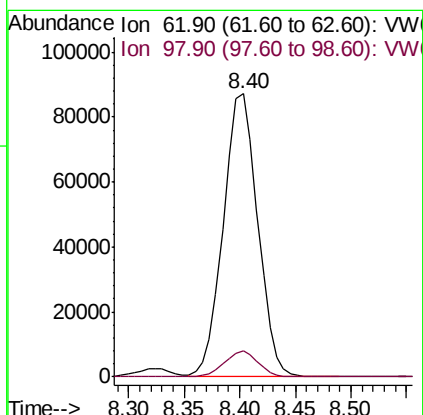
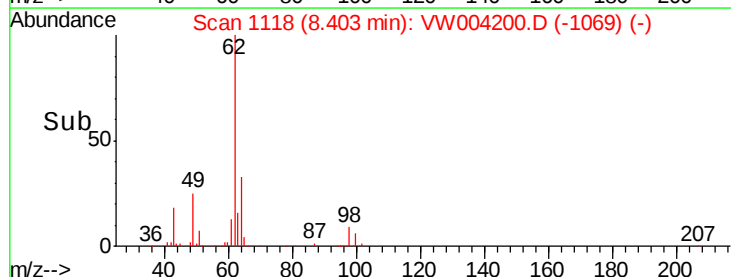
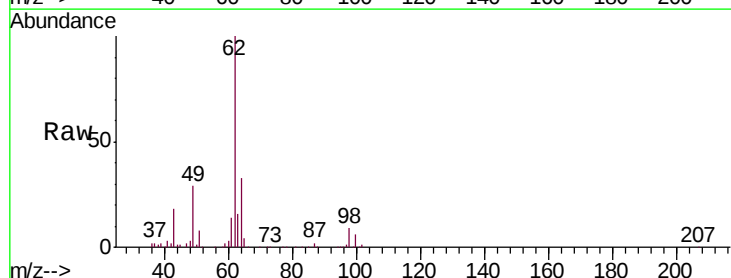
Manual Integrations
APPROVED

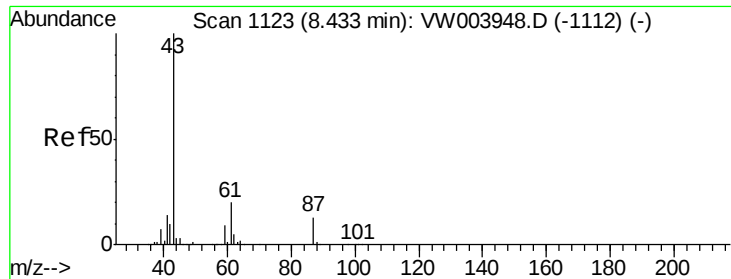
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#42
1,2-Dichloroethane
Concen: 54.45 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW004200.D
Acq: 25 Jul 2018 17:37

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.0	0.0	17.4	





#43

Isopropyl Acetate

Concen: 53.03 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VW004200.D

Acq: 25 Jul 2018 17:37

Instrument :

MSVOA_W

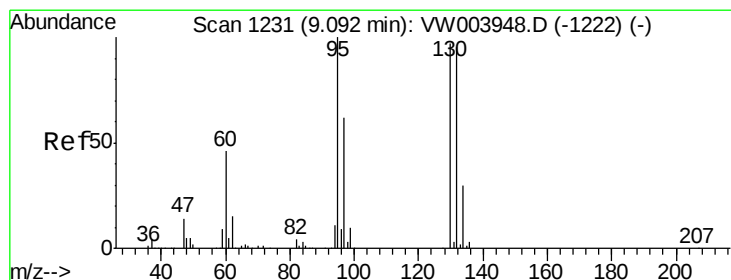
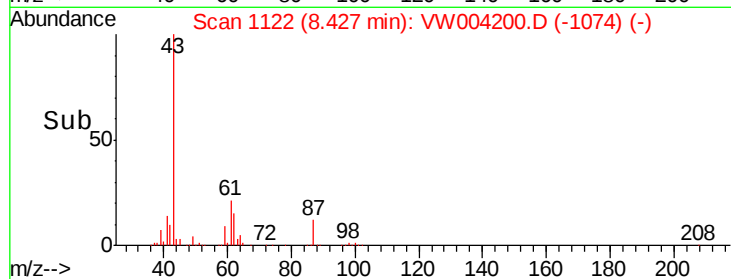
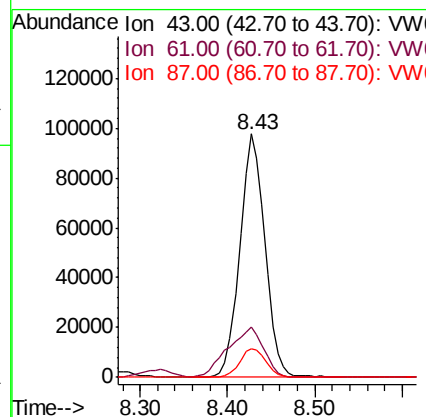
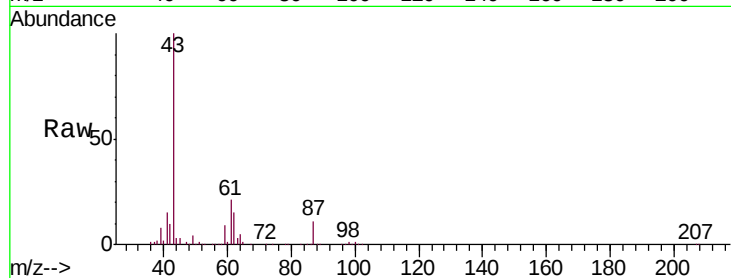
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	194048
Ion	Ratio	Lower	Upper
43	100		
61	29.4	23.0	34.6
87	12.1	9.9	14.9

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#44

Trichloroethene

Concen: 55.08 ug/l

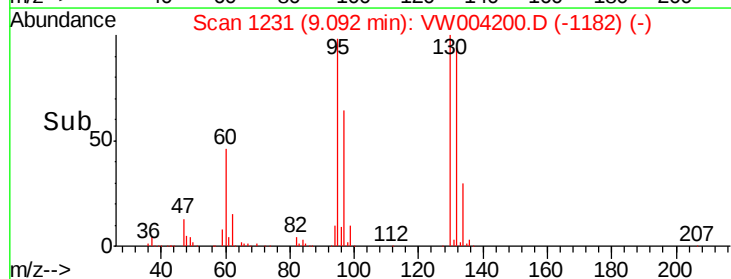
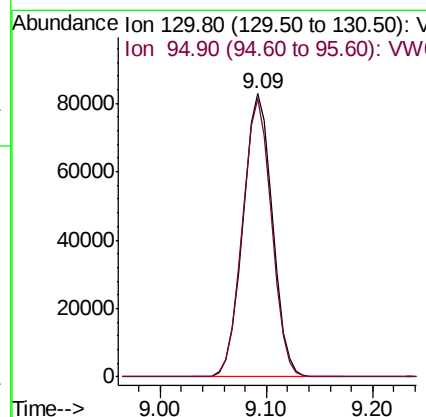
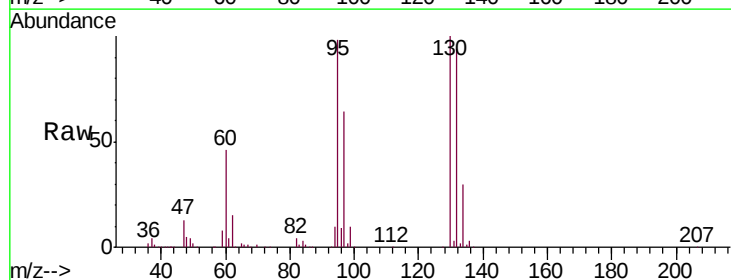
RT: 9.09 min Scan# 1231

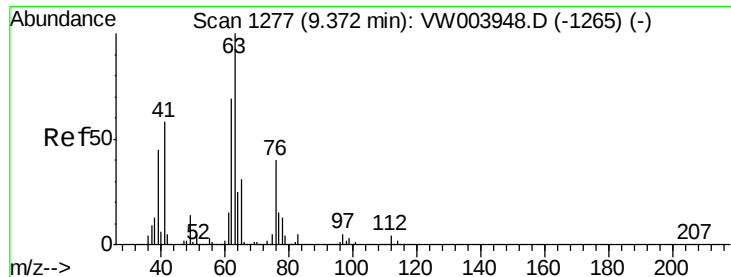
Delta R.T. -0.00 min

Lab File: VW004200.D

Acq: 25 Jul 2018 17:37

Tgt Ion:	130	Resp:	160671
Ion	Ratio	Lower	Upper
130	100		
95	98.5	0.0	206.8





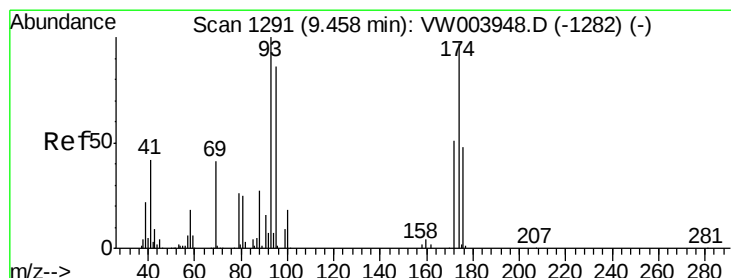
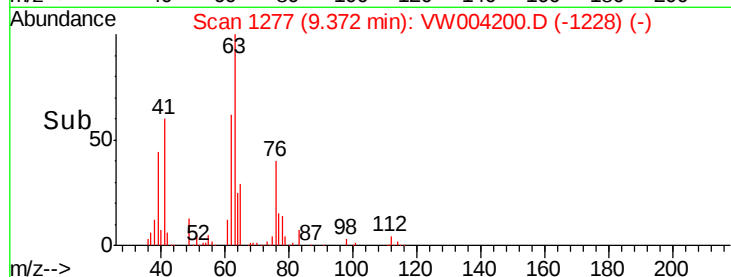
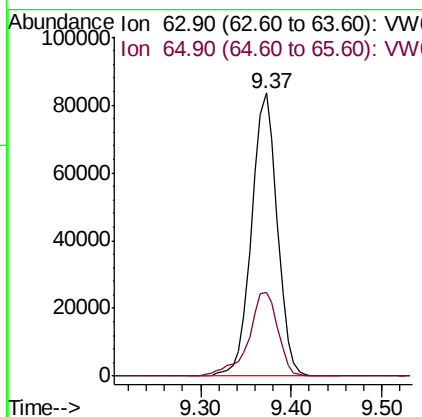
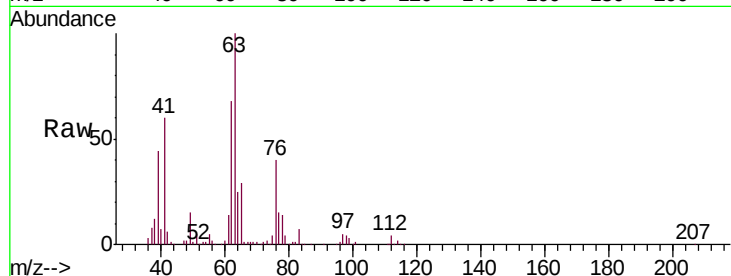
#45
 1,2-Dichloropropane
 Concen: 56.95 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW004200.D
 Acq: 25 Jul 2018 17:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	63	Resp	163571
Ion Ratio	Lower	Upper	
63	100		
65	29.5	24.8	37.2

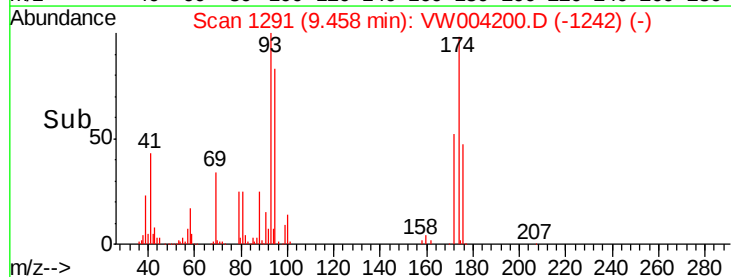
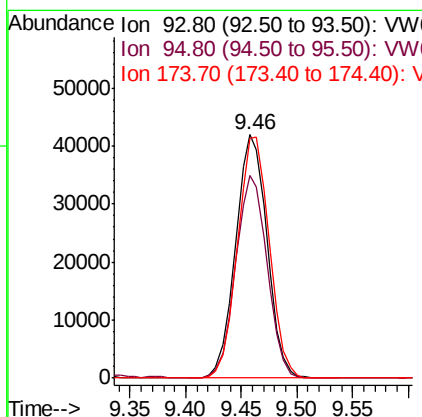
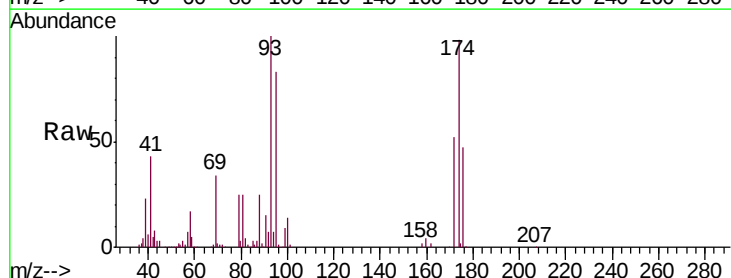
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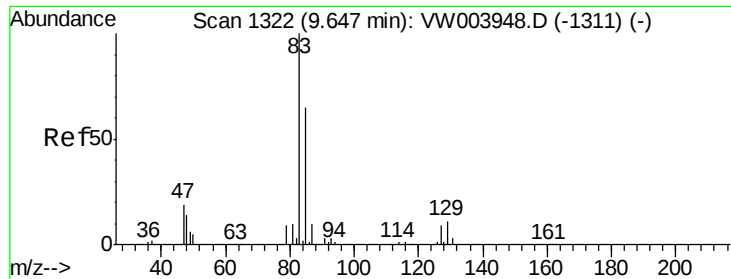
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#46
 Dibromomethane
 Concen: 55.00 ug/l
 RT: 9.46 min Scan# 1291
 Delta R.T. -0.00 min
 Lab File: VW004200.D
 Acq: 25 Jul 2018 17:37

Tgt Ion	93	Resp	81973
Ion Ratio	Lower	Upper	
93	100		
95	83.1	66.9	100.3
174	100.3	80.2	120.2





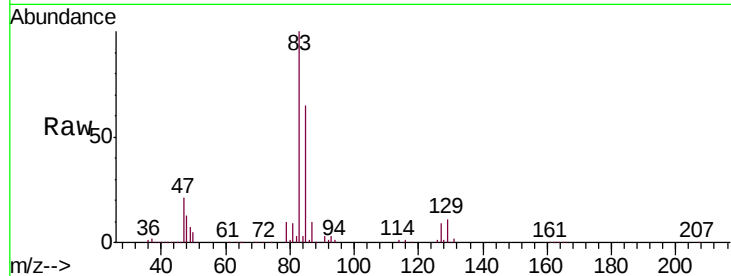
#47
Bromodichloromethane
Concen: 56.00 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VW004200.D
Acq: 25 Jul 2018 17:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	205777		
85	65.3		52.2	78.2
127	8.6		7.0	10.4

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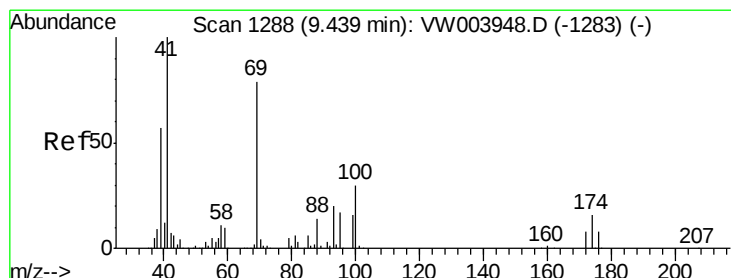
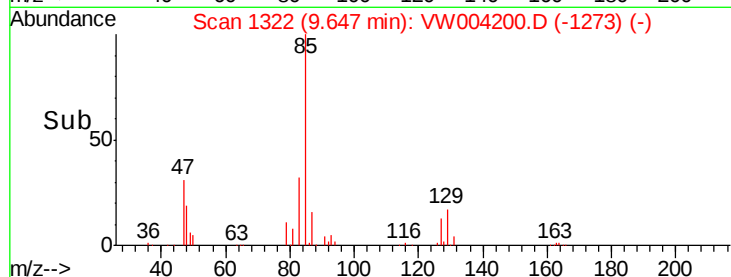
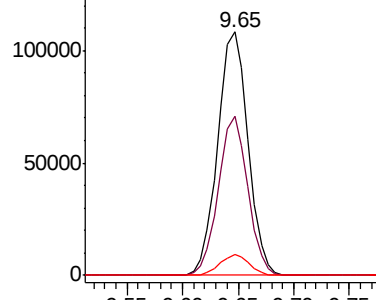


Abundance

Ion 82.90 (82.60 to 83.60): VW

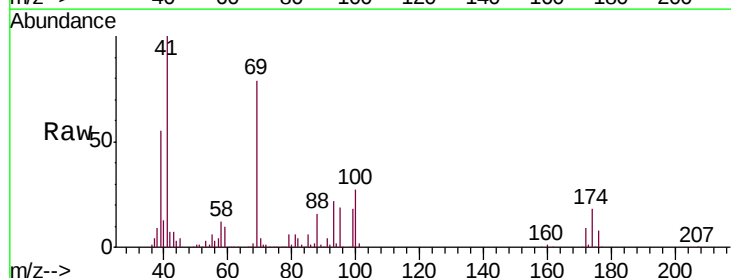
Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48
Methyl methacrylate
Concen: 54.74 ug/l
RT: 9.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VW004200.D
Acq: 25 Jul 2018 17:37

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	96871		
69	82.7		67.0	100.6
39	58.0		48.8	73.2

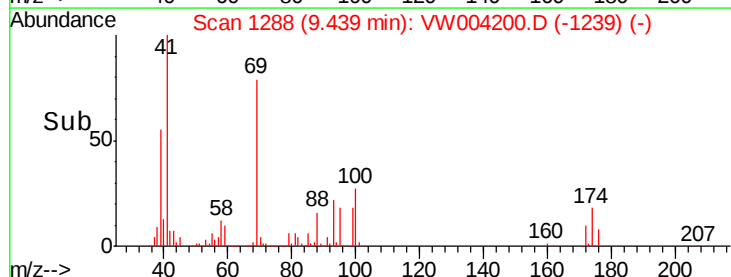
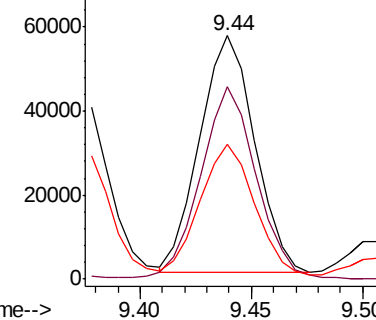


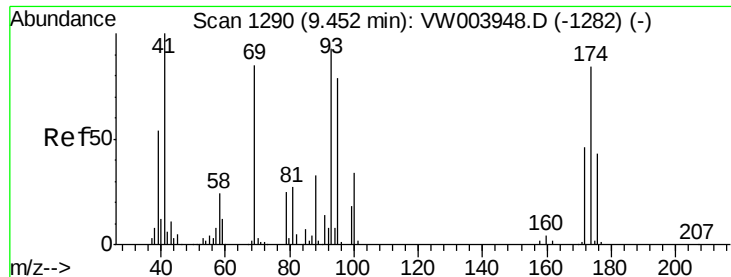
Abundance

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: 1172.81 ug/l

RT: 9.45 min Scan# 1289

Delta R.T. -0.01 min

Lab File: VW004200.D

Acq: 25 Jul 2018 17:37

Instrument :

MSVOA_W

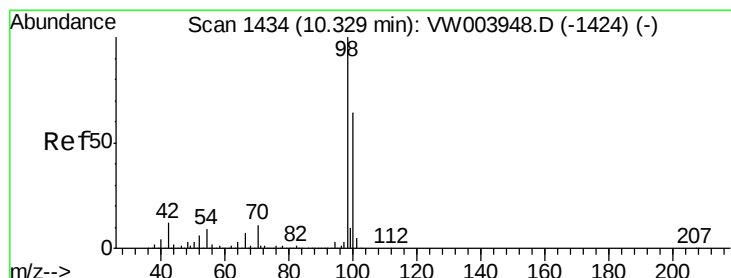
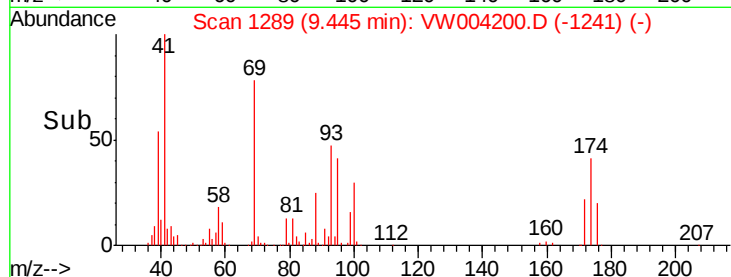
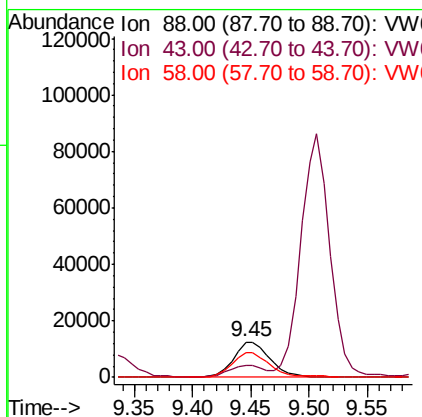
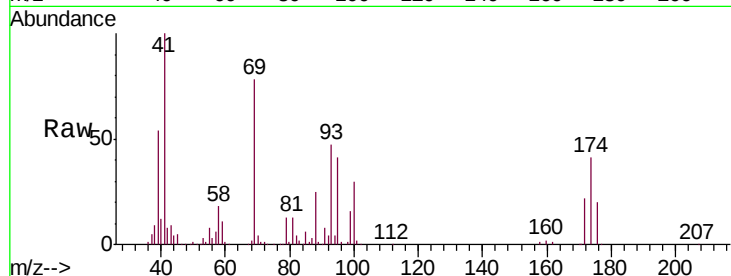
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.7	27.3	40.9
58	76.2	61.1	91.7

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#50

Toluene-d8

Concen: 54.76 ug/l

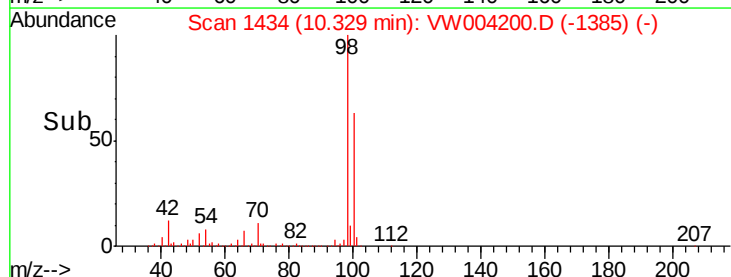
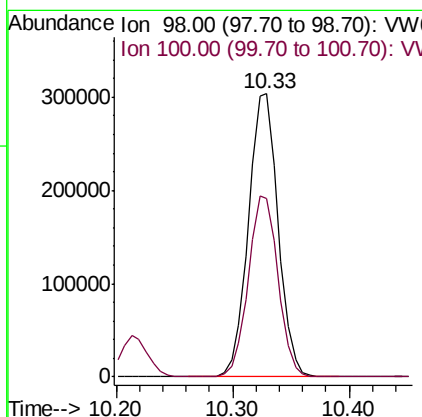
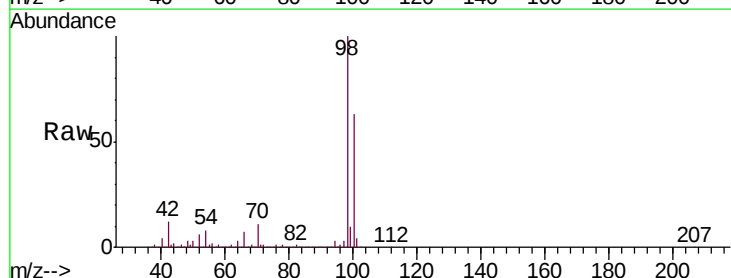
RT: 10.33 min Scan# 1434

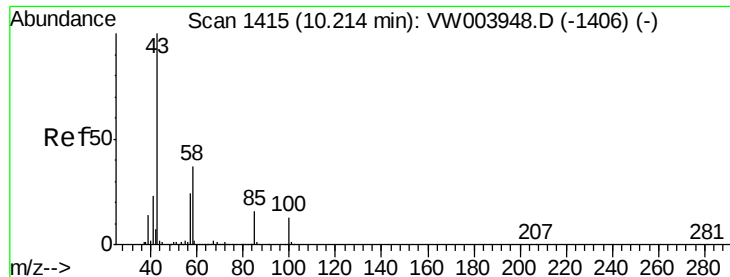
Delta R.T. -0.00 min

Lab File: VW004200.D

Acq: 25 Jul 2018 17:37

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 274.28 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VW004200.D

Acq: 25 Jul 2018 17:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 534729

Ion Ratio Lower Upper

43 100

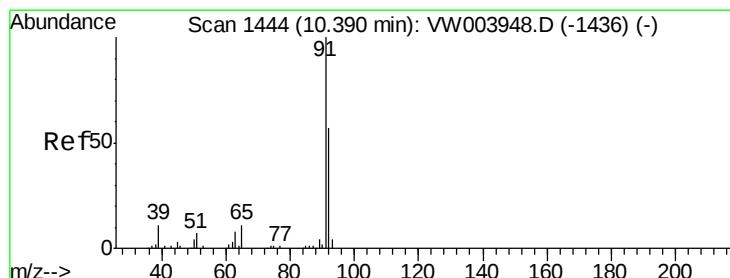
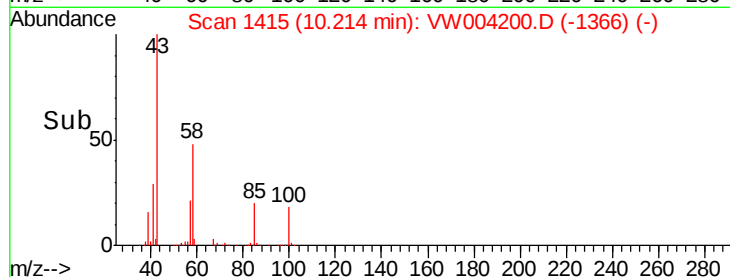
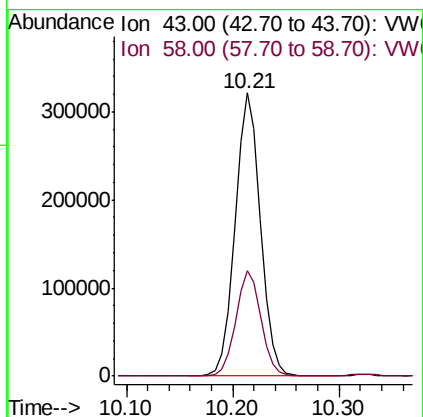
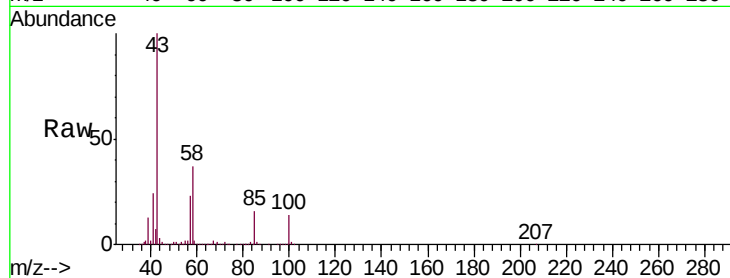
58 37.0 29.9 44.9

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#52

Toluene

Concen: 56.56 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW004200.D

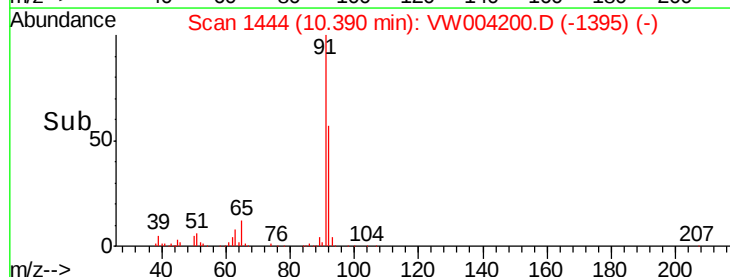
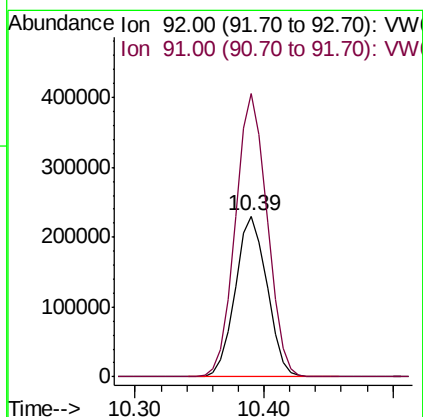
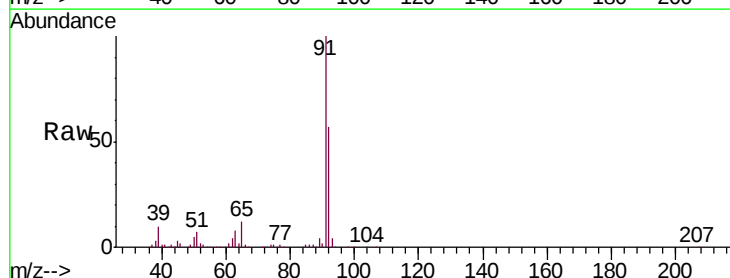
Acq: 25 Jul 2018 17:37

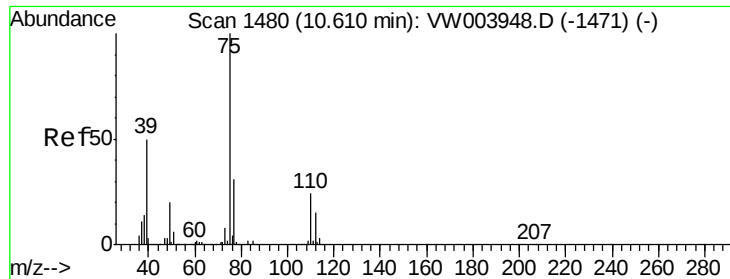
Tgt Ion: 92 Resp: 393638

Ion Ratio Lower Upper

92 100

91 175.4 139.6 209.4





#53

t-1,3-Dichloropropene

Concen: 55.08 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW004200.D

Acq: 25 Jul 2018 17:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 211642

Ion Ratio Lower Upper

75 100

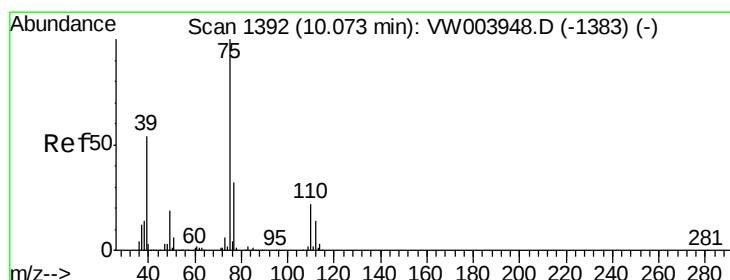
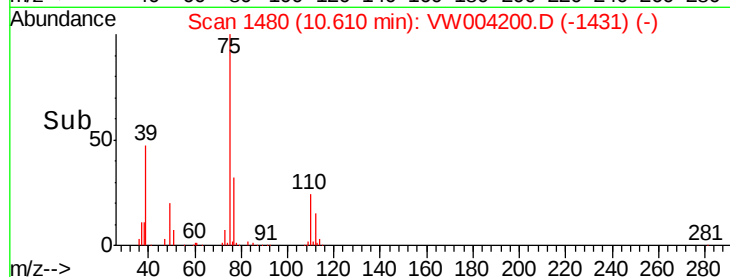
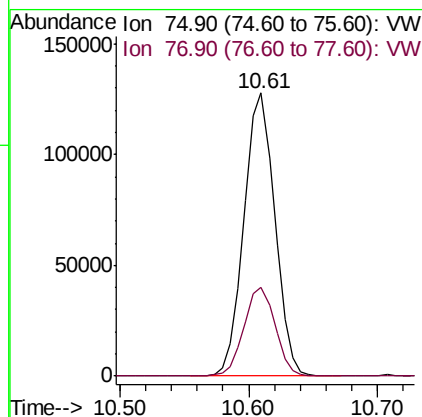
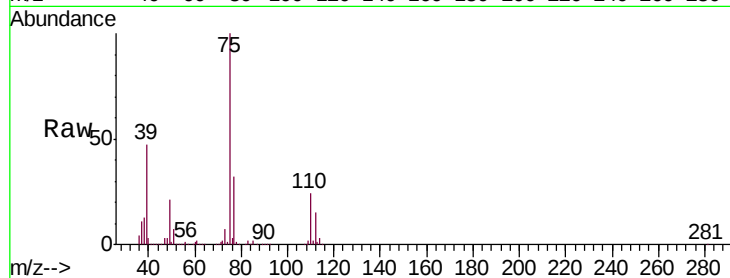
77 31.4 25.2 37.8

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#54

cis-1,3-Dichloropropene

Concen: 55.72 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW004200.D

Acq: 25 Jul 2018 17:37

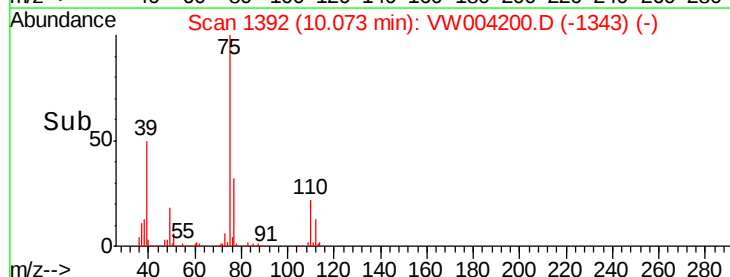
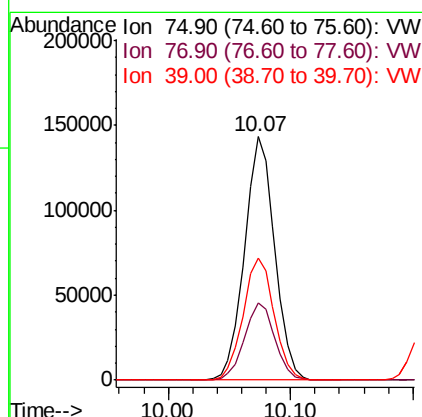
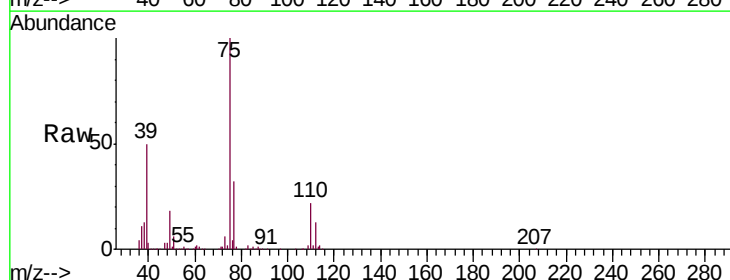
Tgt Ion: 75 Resp: 244929

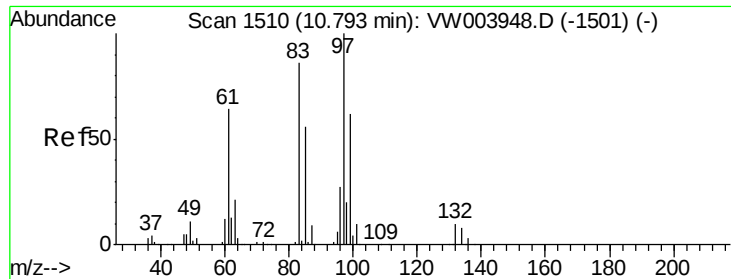
Ion Ratio Lower Upper

75 100

77 31.6 25.4 38.2

39 50.3 43.0 64.6





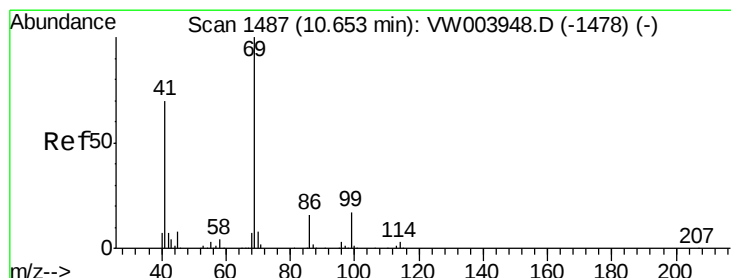
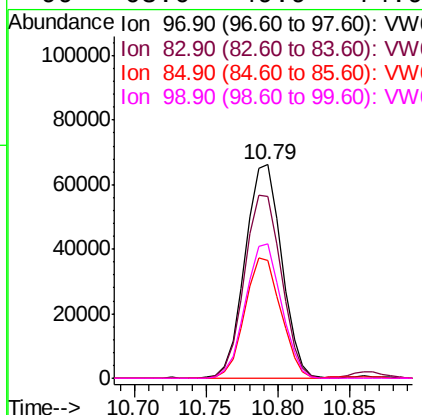
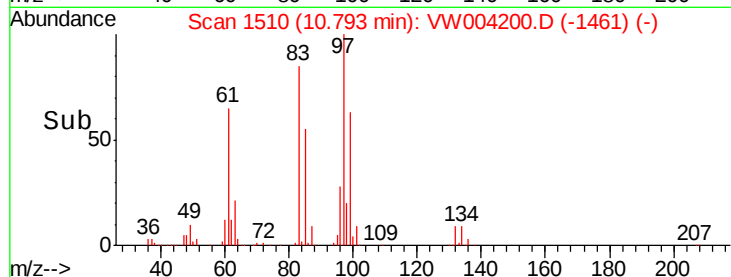
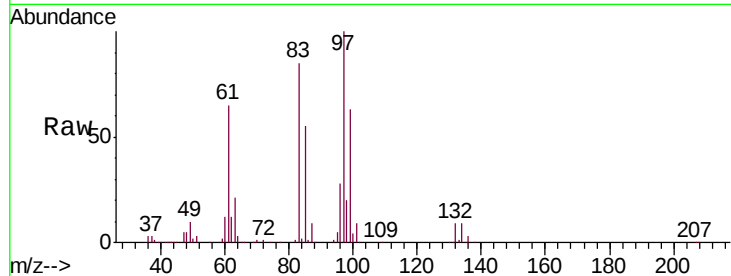
#55
 1,1,2-Trichloroethane
 Concen: 55.56 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VW004200.D
 Acq: 25 Jul 2018 17:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	116462
Ion	Ratio	Lower	Upper
97	100		
83	85.0	69.0	103.4
85	55.5	45.0	67.6
99	63.0	49.9	74.9

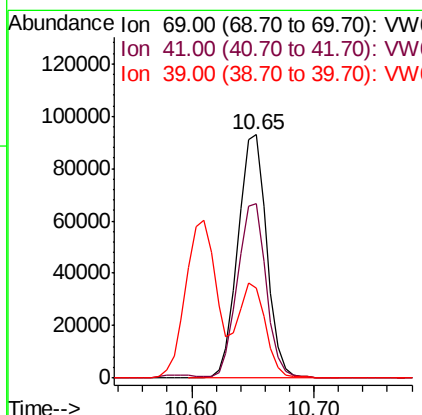
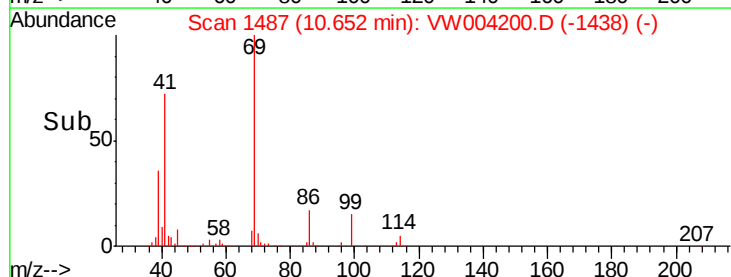
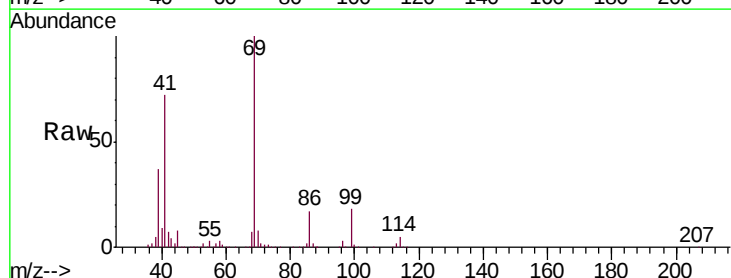
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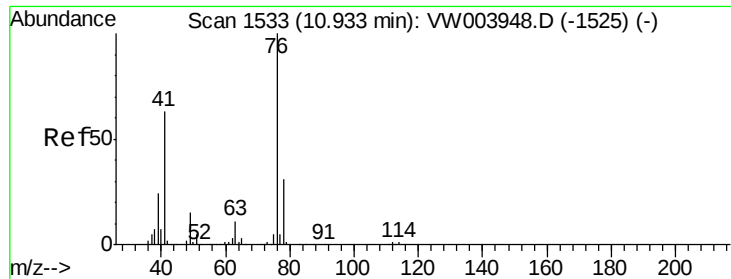
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#56
 Ethyl methacrylate
 Concen: 50.36 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW004200.D
 Acq: 25 Jul 2018 17:37

Tgt Ion:	69	Resp:	151059
Ion	Ratio	Lower	Upper
69	100		
41	71.5	56.5	84.7
39	37.4	30.2	45.4





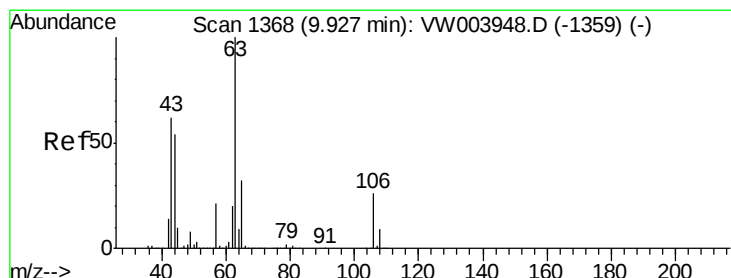
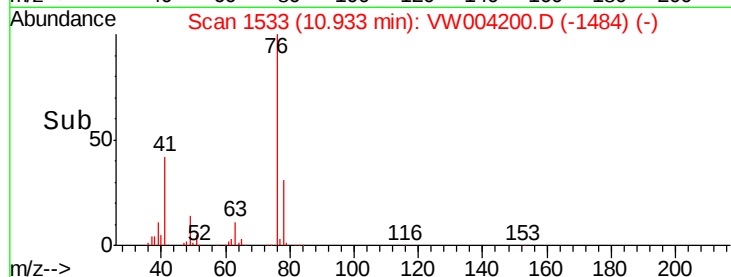
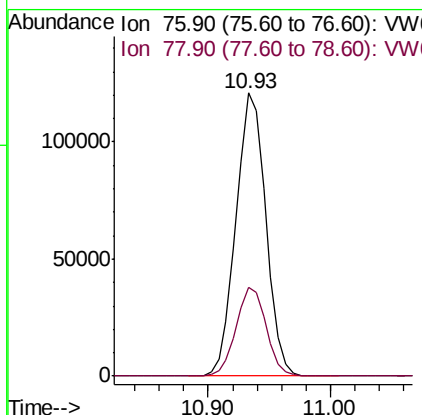
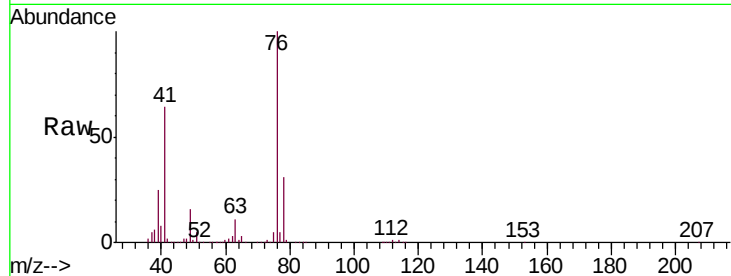
#57
 1,3-Dichloropropane
 Concen: 56.13 ug/l
 RT: 10.93 min Scan# 1533
 Delta R.T. -0.00 min
 Lab File: VW004200.D
 Acq: 25 Jul 2018 17:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 204424
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.2 37.8

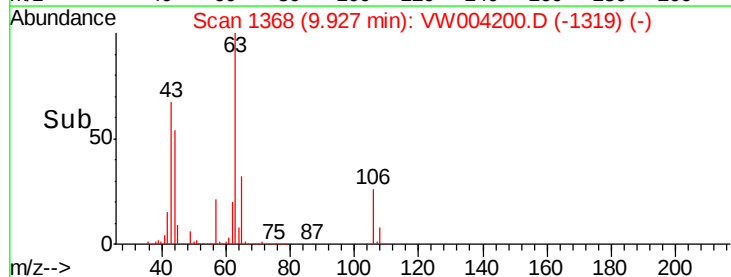
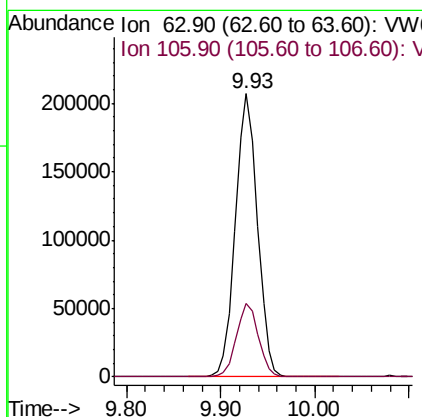
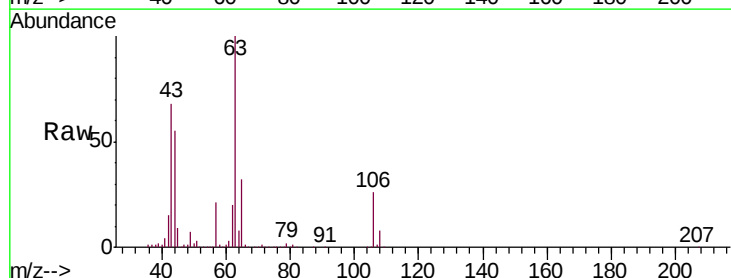
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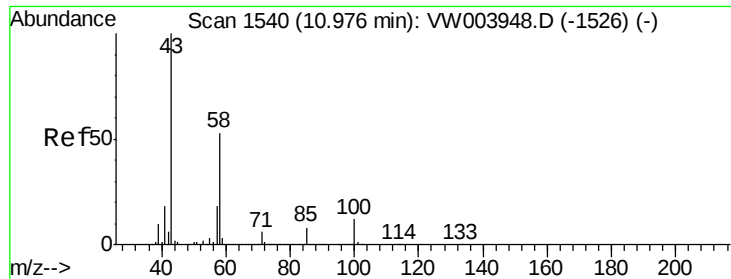
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#58
 2-Chloroethyl Vinyl ether
 Concen: 269.84 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VW004200.D
 Acq: 25 Jul 2018 17:37

Tgt Ion: 63 Resp: 335569
 Ion Ratio Lower Upper
 63 100
 106 25.9 21.2 31.8





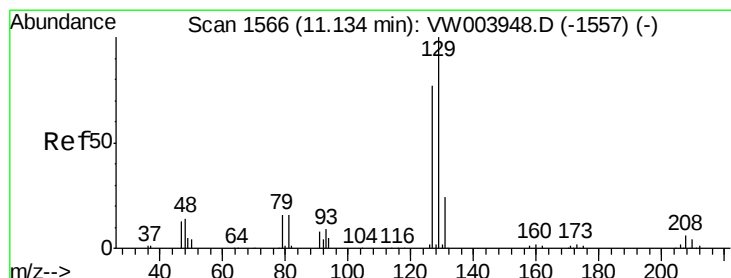
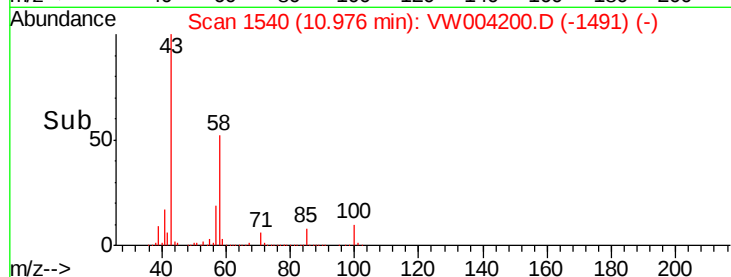
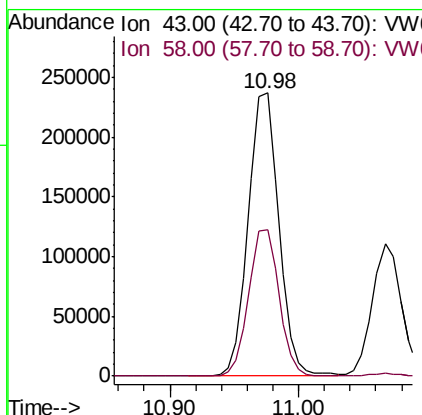
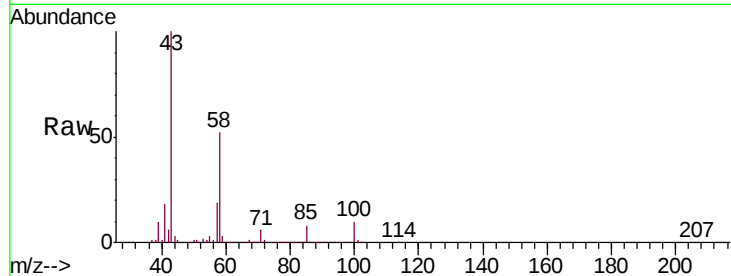
#59
2-Hexanone
Concen: 282.27 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW004200.D
Acq: 25 Jul 2018 17:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 387865
Ion Ratio Lower Upper
43 100
58 51.5 26.0 78.0

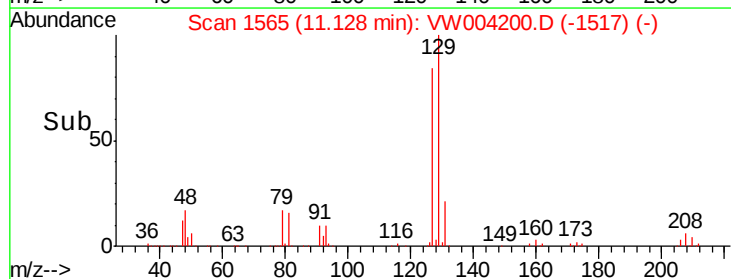
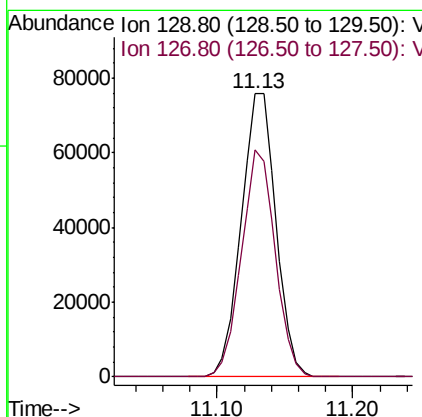
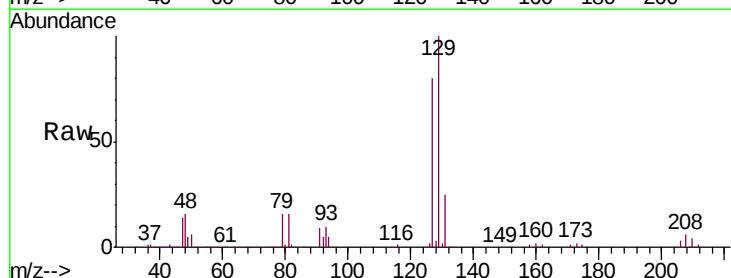
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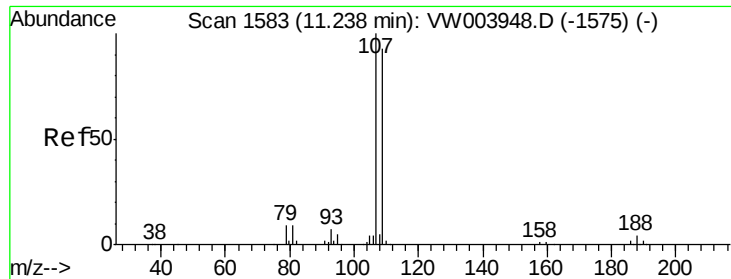
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#60
Dibromochloromethane
Concen: 55.61 ug/l
RT: 11.13 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VW004200.D
Acq: 25 Jul 2018 17:37

Tgt Ion: 129 Resp: 135753
Ion Ratio Lower Upper
129 100
127 77.7 39.1 117.3





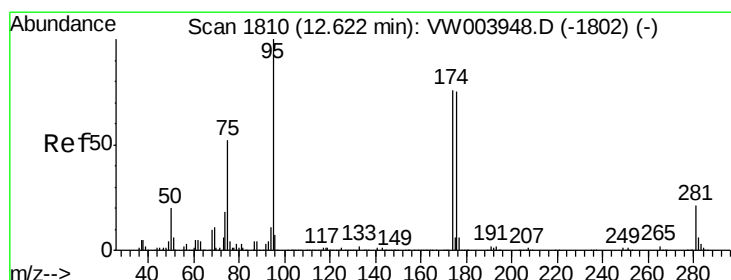
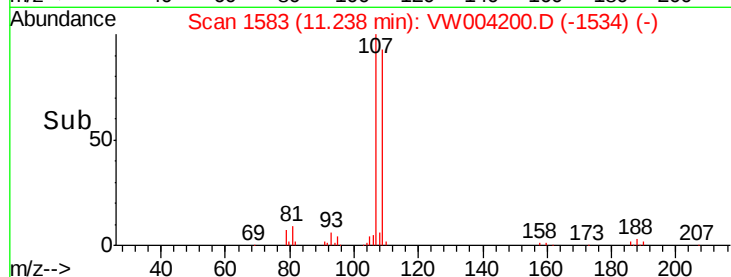
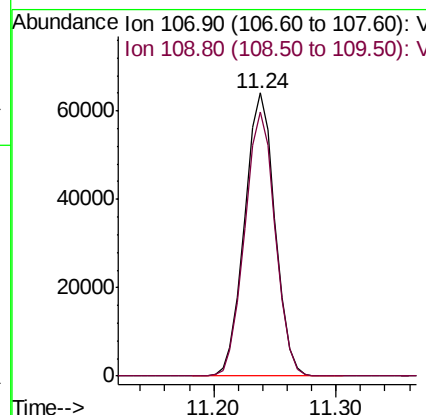
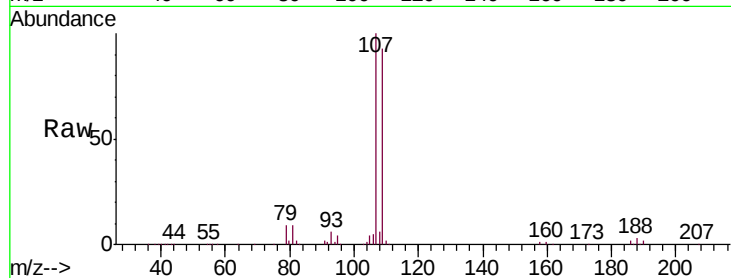
#61
 1,2-Dibromoethane
 Concen: 55.26 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VW004200.D
 Acq: 25 Jul 2018 17:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.6	74.3	111.5

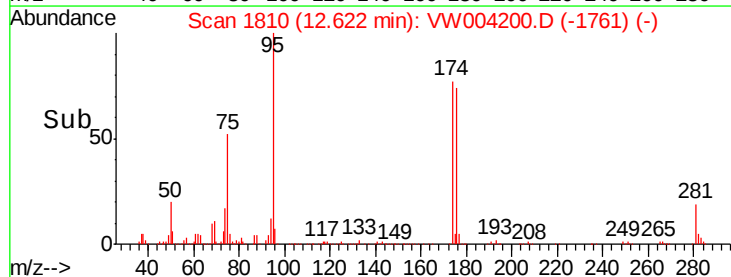
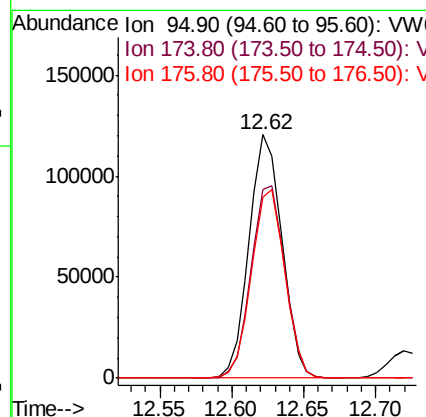
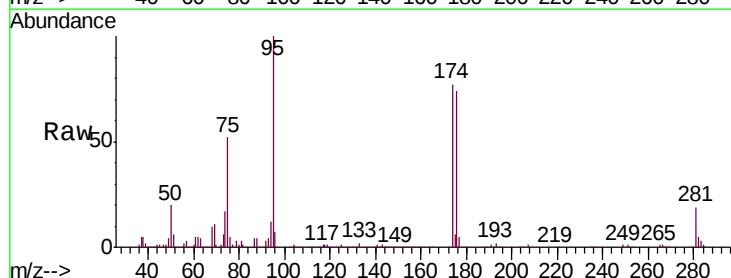
Manual Integrations
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#62
 4-Bromofluorobenzene
 Concen: 53.98 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VW004200.D
 Acq: 25 Jul 2018 17:37

Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.8	0.0	160.2
176	78.1	0.0	155.8





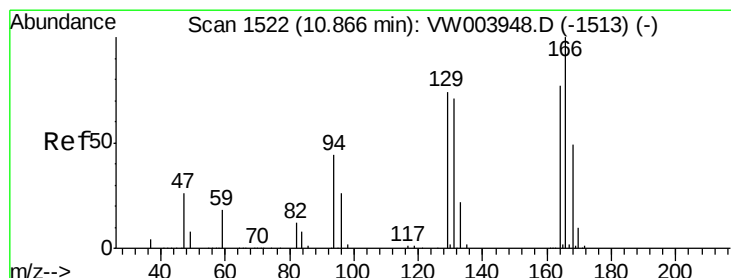
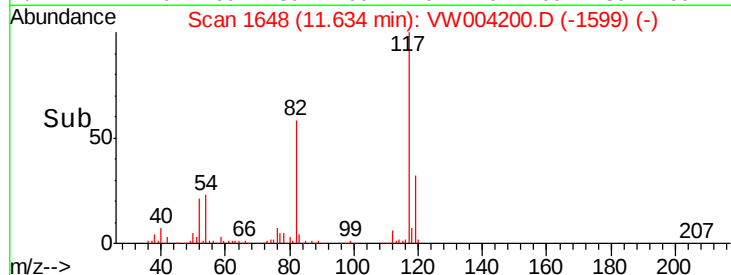
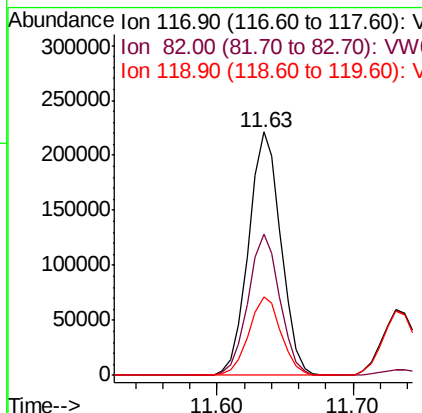
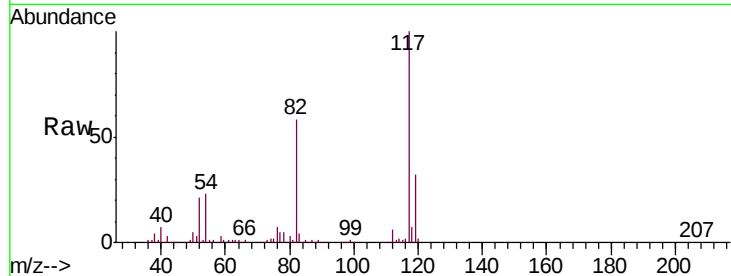
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004200.D
Acq: 25 Jul 2018 17:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.1	46.5	69.7
119	32.2	26.2	39.2

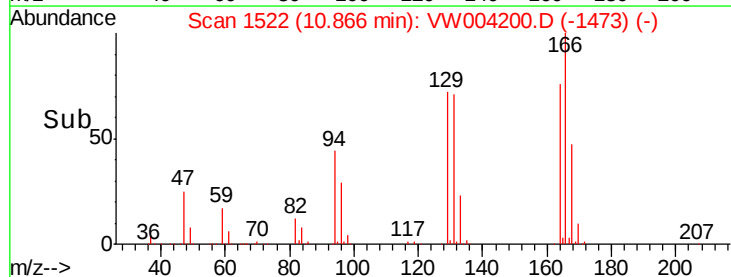
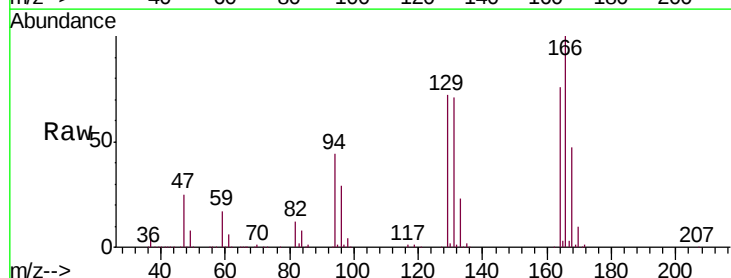
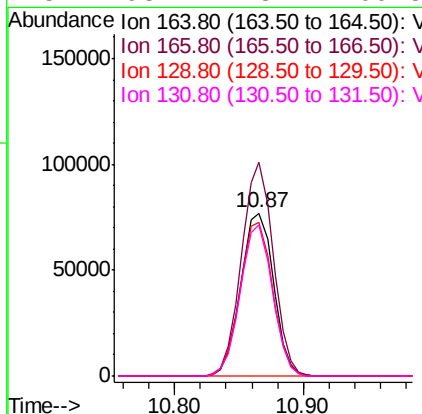
Manual Integrations
APPROVED

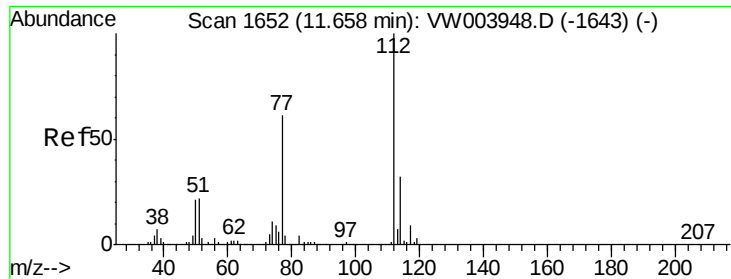
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#64
Tetrachloroethene
Concen: 53.55 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW004200.D
Acq: 25 Jul 2018 17:37

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.2	103.5	155.3
129	94.3	76.8	115.2
131	93.2	73.2	109.8





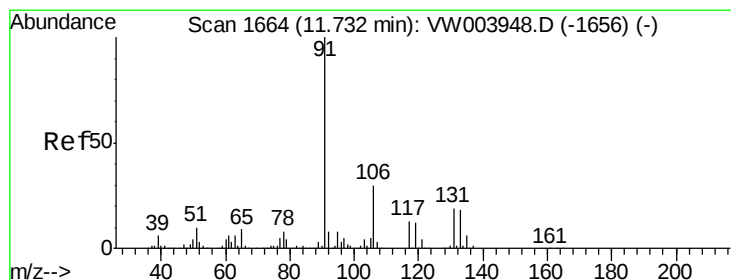
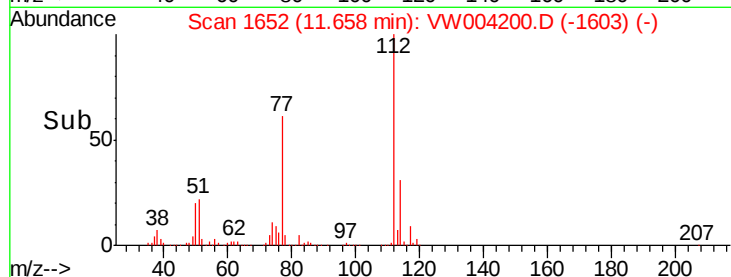
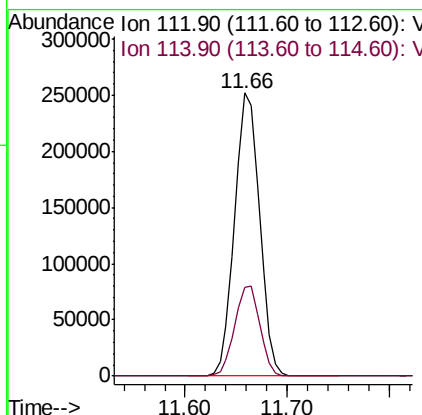
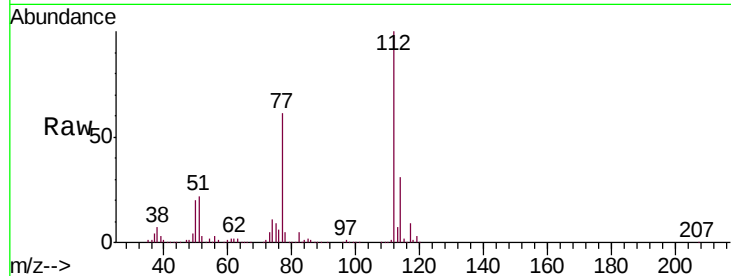
#65
Chlorobenzene
Concen: 54.15 ug/l
RT: 11.66 min Scan# 1652
Delta R.T. -0.00 min
Lab File: VW004200.D
Acq: 25 Jul 2018 17:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.4	25.2	37.8

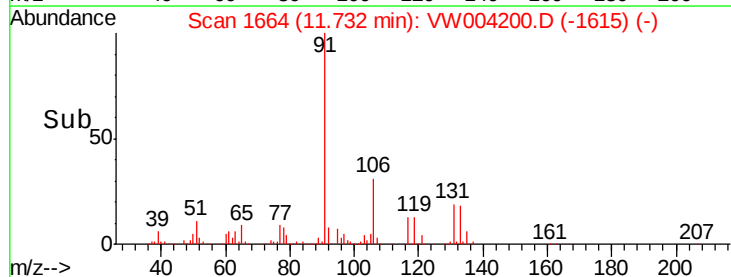
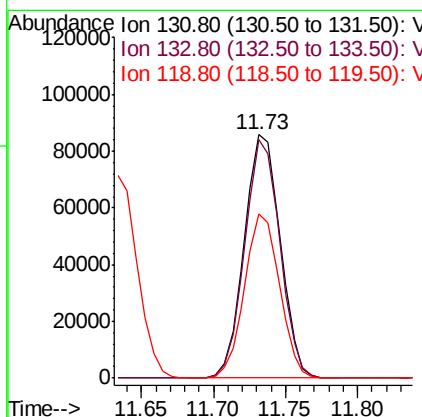
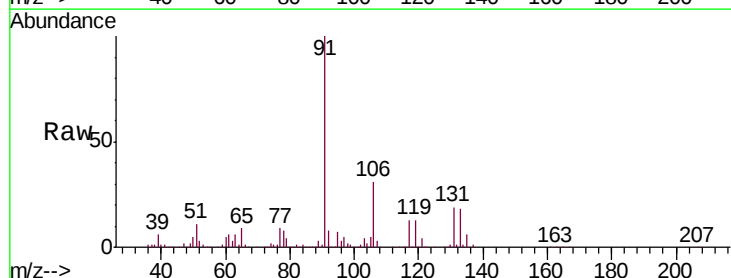
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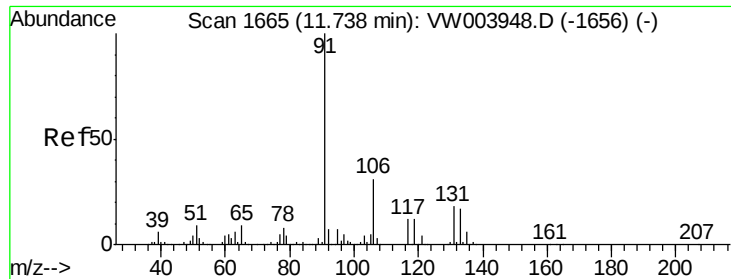
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#66
1,1,1,2-Tetrachloroethane
Concen: 54.31 ug/l
RT: 11.73 min Scan# 1664
Delta R.T. -0.00 min
Lab File: VW004200.D
Acq: 25 Jul 2018 17:37

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.7	47.9	143.8
119	66.1	32.5	97.5





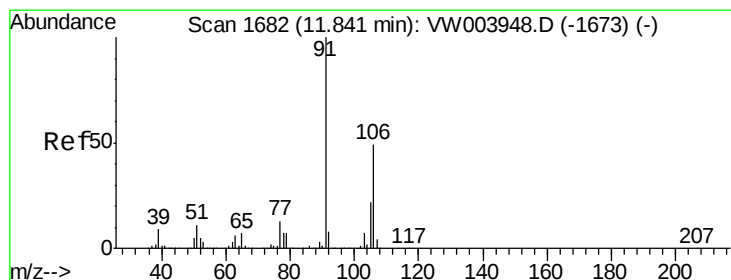
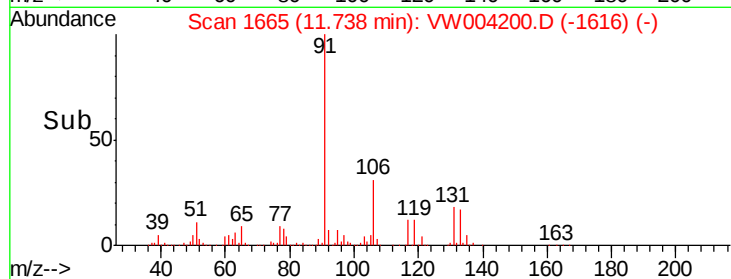
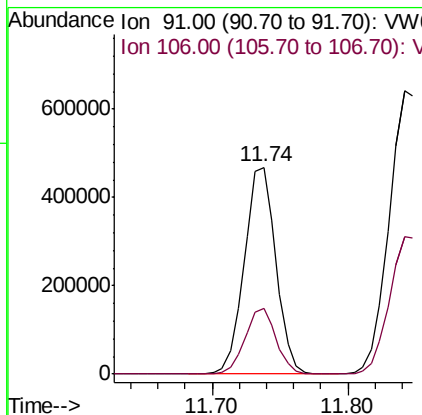
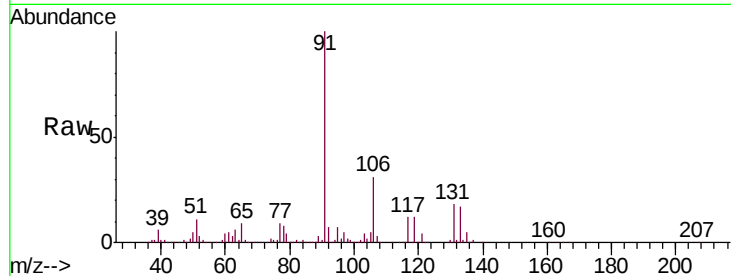
#67
Ethyl Benzene
Concen: 55.32 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW004200.D
Acq: 25 Jul 2018 17:37

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 763164
Ion Ratio Lower Upper
91 100
106 31.5 25.0 37.4

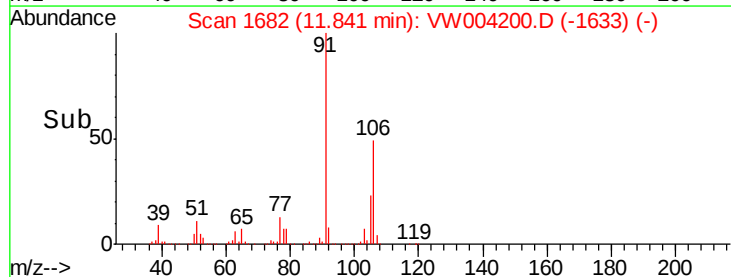
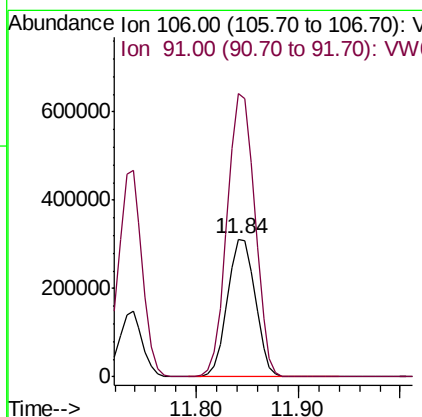
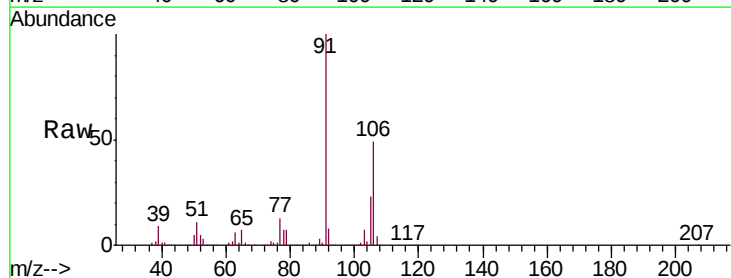
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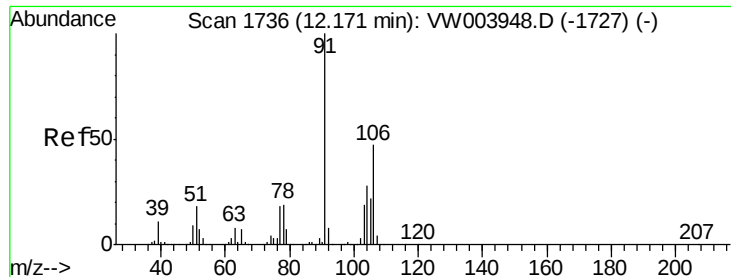
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#68
m/p-Xylenes
Concen: 111.62 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VW004200.D
Acq: 25 Jul 2018 17:37

Tgt Ion: 106 Resp: 588507
Ion Ratio Lower Upper
106 100
91 205.5 164.2 246.2





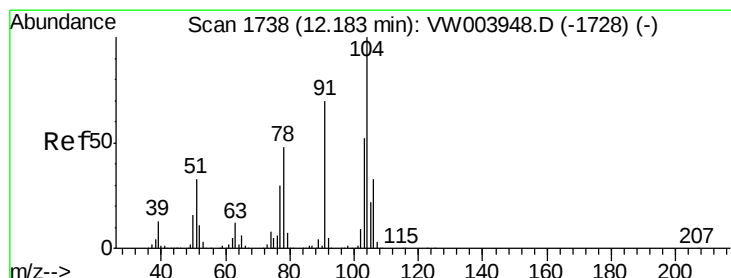
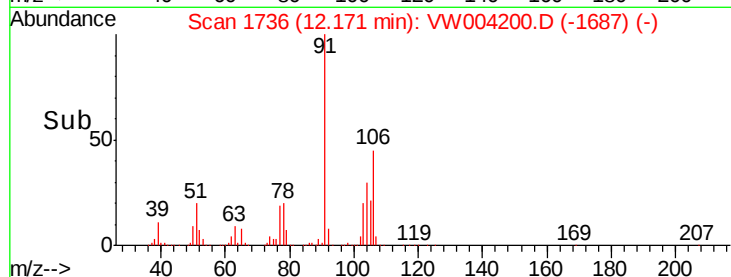
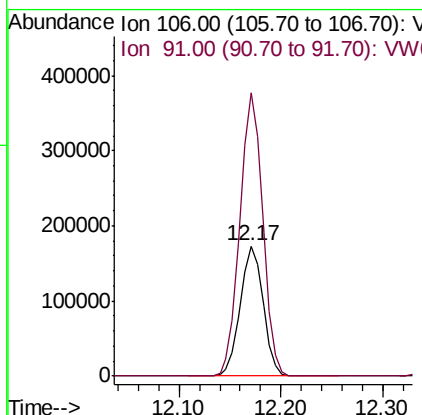
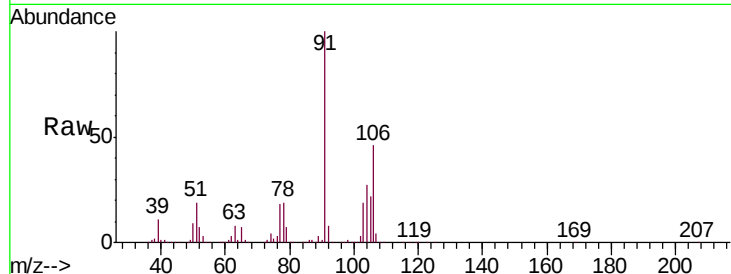
#69
o-Xylene
Concen: 54.97 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW004200.D
Acq: 25 Jul 2018 17:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		268880		
91	217.0	107.5	322.6		

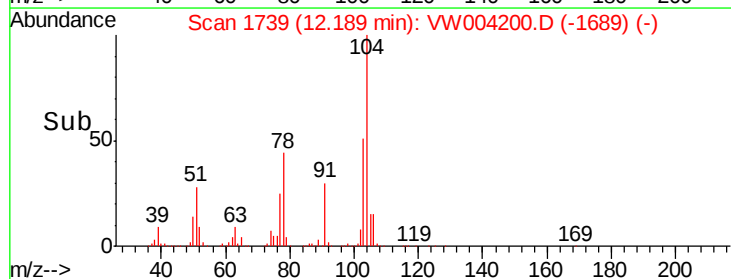
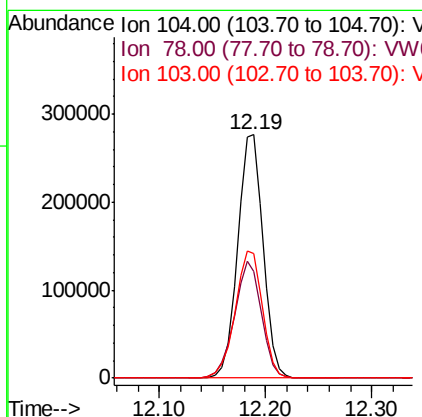
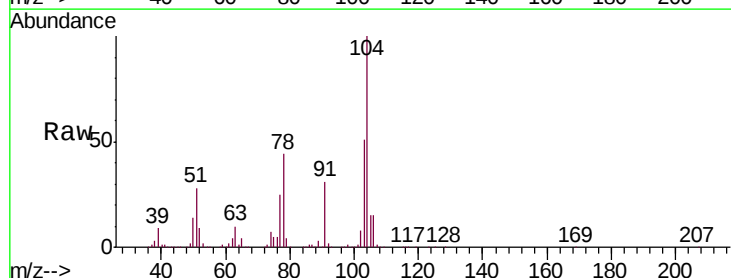
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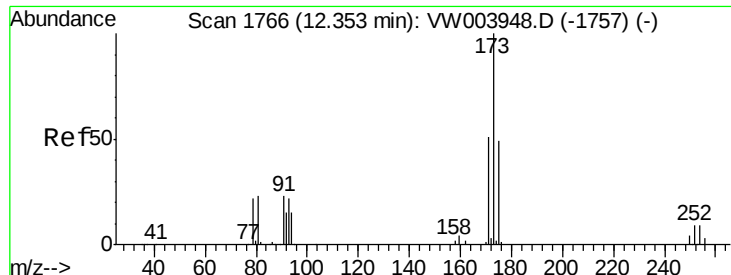
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#70
Styrene
Concen: 56.73 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VW004200.D
Acq: 25 Jul 2018 17:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		463409		
78	50.8	41.0	61.4		
103	55.8	44.6	67.0		





#71

Bromoform

Concen: 53.14 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. -0.00 min

Lab File: VW004200.D

Acq: 25 Jul 2018 17:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 81872

Ion Ratio Lower Upper

173 100

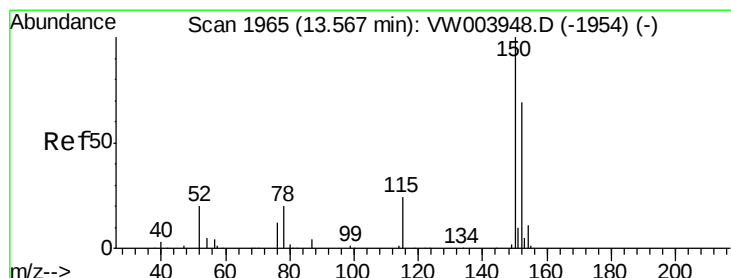
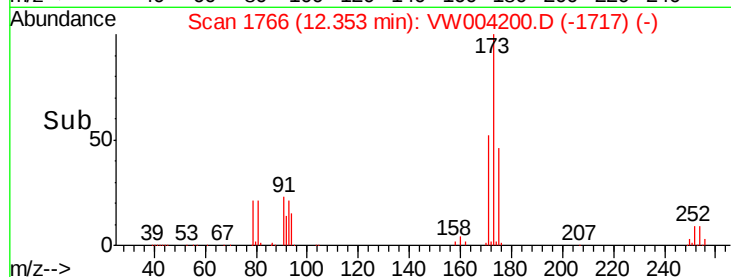
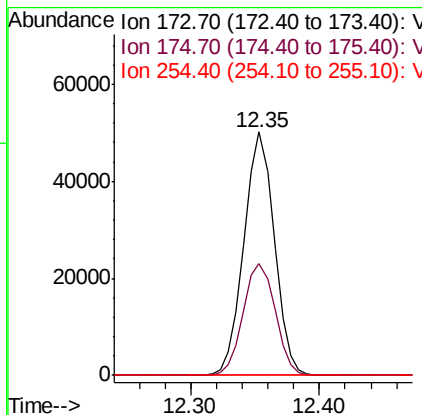
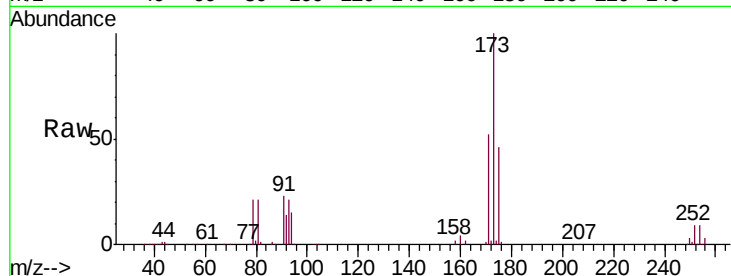
175 48.2 24.4 73.2

254 0.2 0.1 0.1#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW004200.D

Acq: 25 Jul 2018 17:37

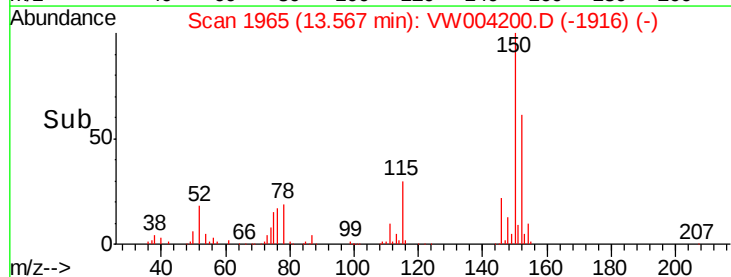
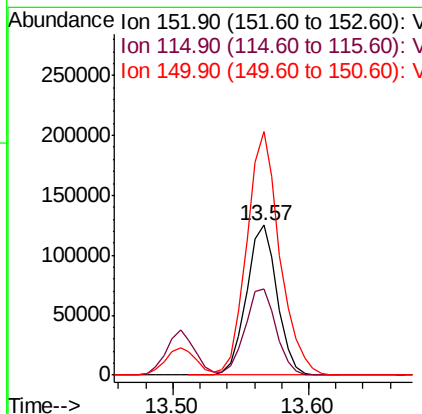
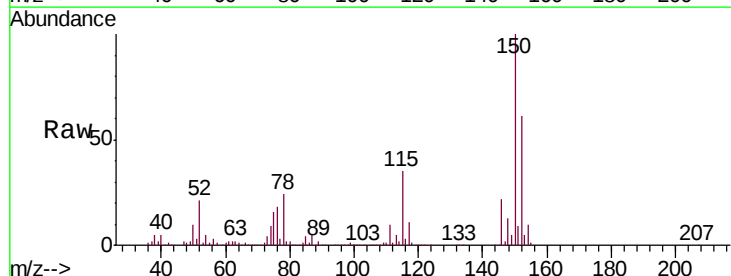
Tgt Ion:152 Resp: 196626

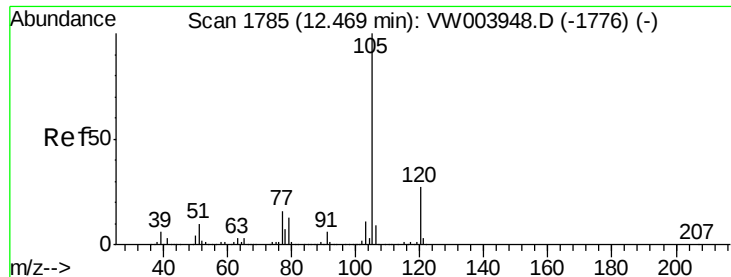
Ion Ratio Lower Upper

152 100

115 58.2 29.2 87.6

150 174.9 0.0 345.2





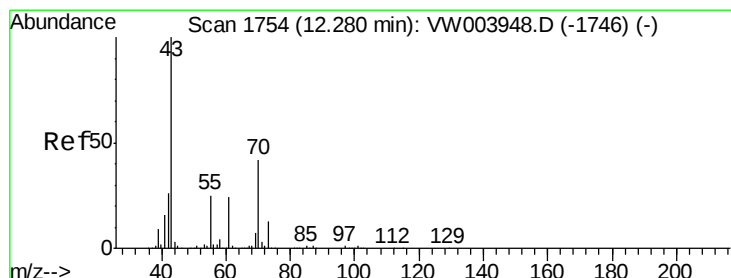
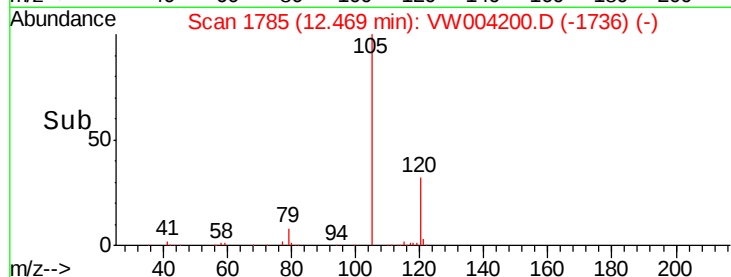
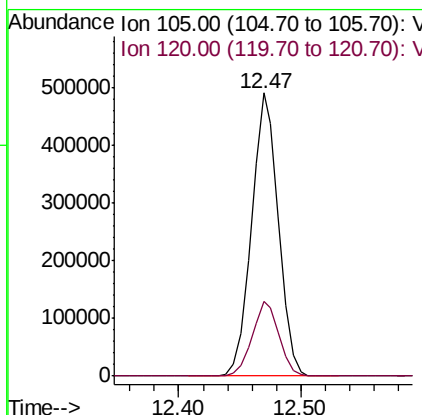
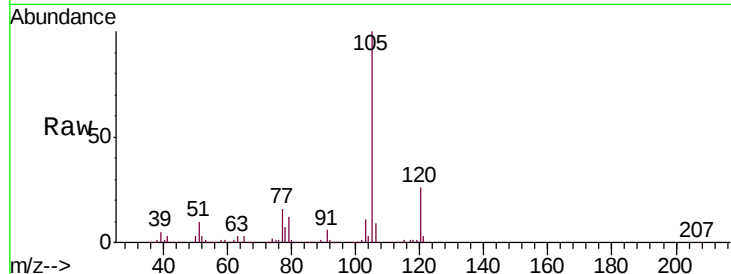
#73
Isopropylbenzene
Concen: 53.75 ug/l
RT: 12.47 min Scan# 1785
Delta R.T. -0.00 min
Lab File: VW004200.D
Acq: 25 Jul 2018 17:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.3	13.2	39.6

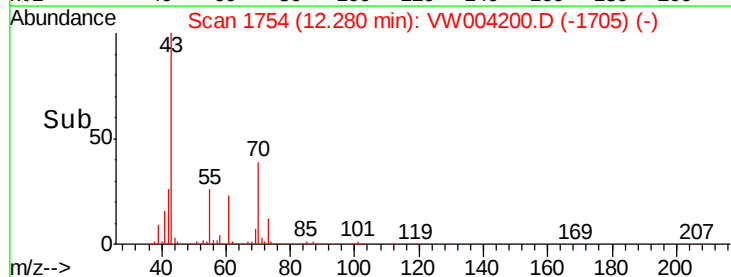
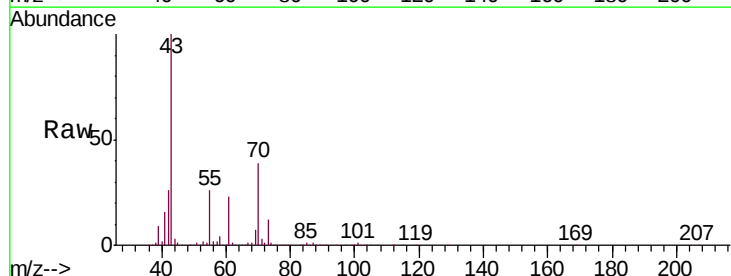
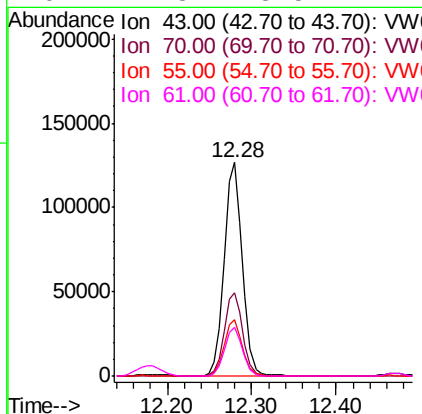
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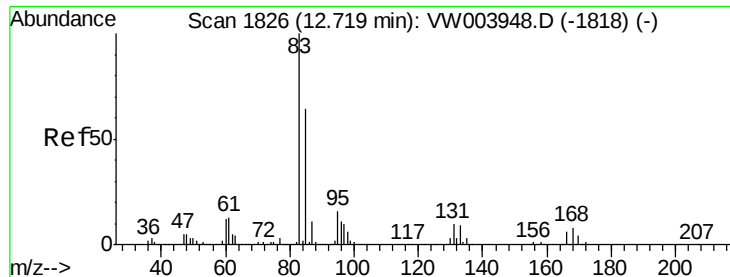
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#74
N-ethyl acetate
Concen: 51.71 ug/l
RT: 12.28 min Scan# 1754
Delta R.T. -0.00 min
Lab File: VW004200.D
Acq: 25 Jul 2018 17:37

Tgt Ion	Ratio	Lower	Upper
43	100		
70	39.5	31.6	47.4
55	26.6	20.0	30.0
61	22.8	18.5	27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 52.59 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW004200.D

Acq: 25 Jul 2018 17:37

Instrument :

MSVOA_W

ClientSampleId :

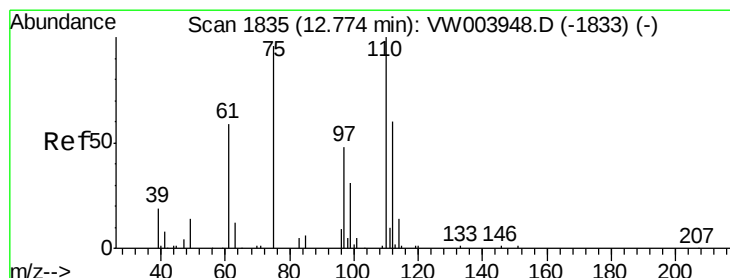
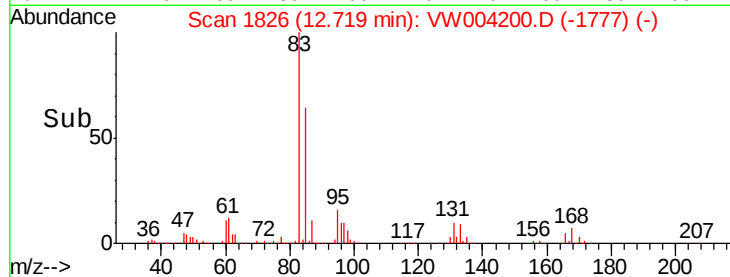
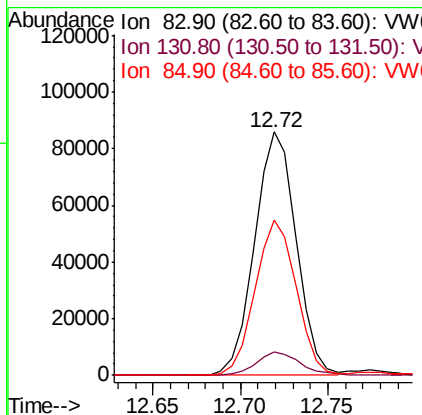
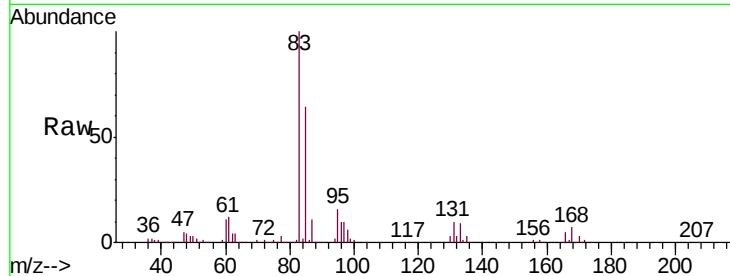
VSTDCCC050

Tot Ion:	83	Resp:	141321
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.3	15.8
85	63.4	32.2	96.6

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 48.51 ug/l m

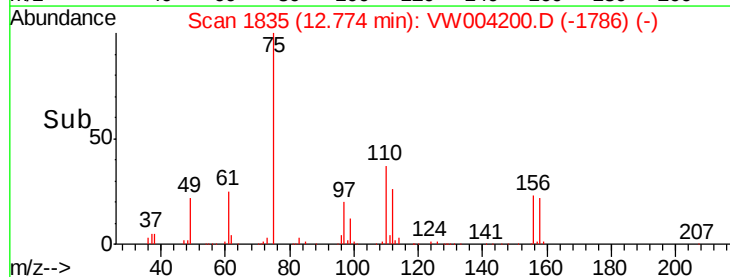
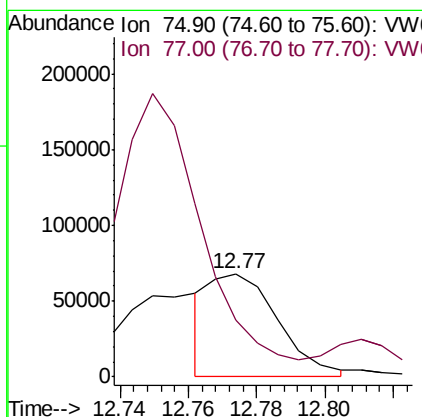
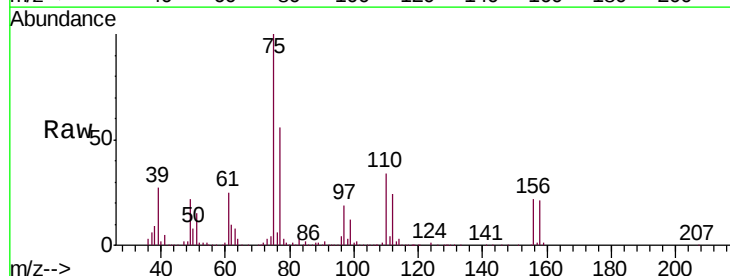
RT: 12.77 min Scan# 1835

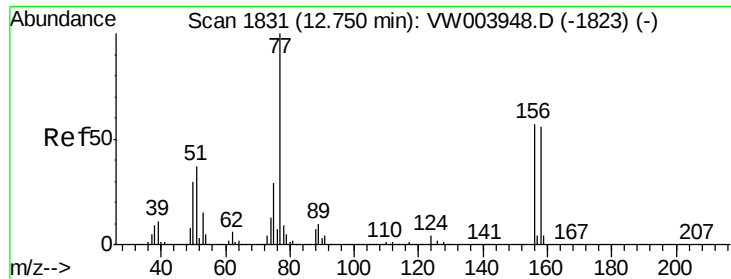
Delta R.T. -0.00 min

Lab File: VW004200.D

Acq: 25 Jul 2018 17:37

Tgt Ion:	75	Resp:	94686
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 51.51 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VW004200.D

Acq: 25 Jul 2018 17:37

Instrument :

MSVOA_W

ClientSampleId :

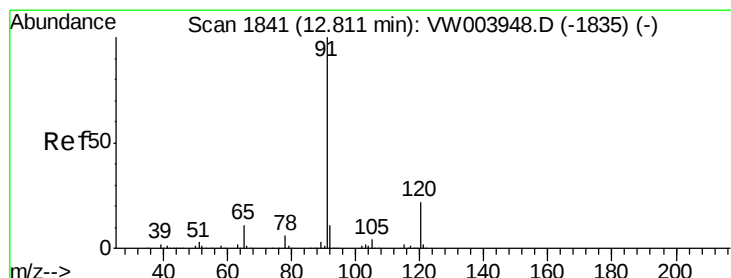
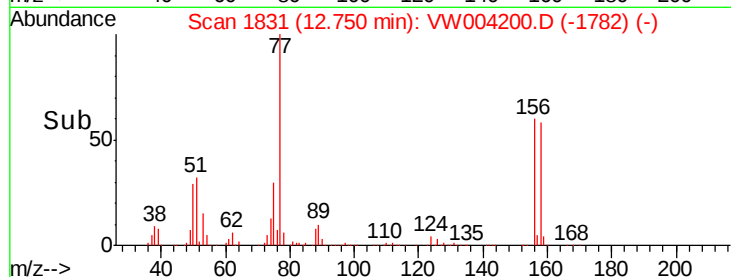
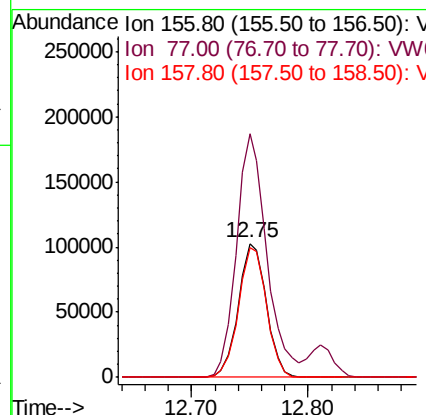
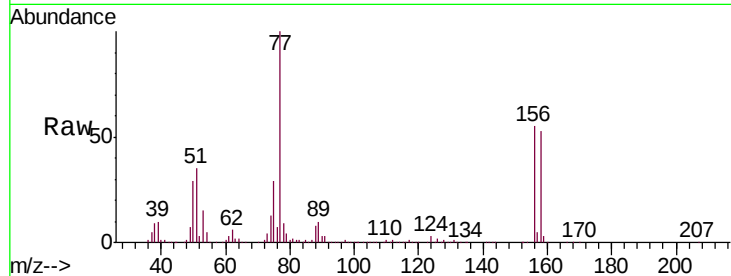
VSTDCCC050

Tot Ion:	156	Resp:	171254
Ion Ratio	Lower	Upper	
156	100		
77	198.1	96.2	288.6
158	97.3	48.5	145.5

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#78

n-propylbenzene

Concen: 55.08 ug/l

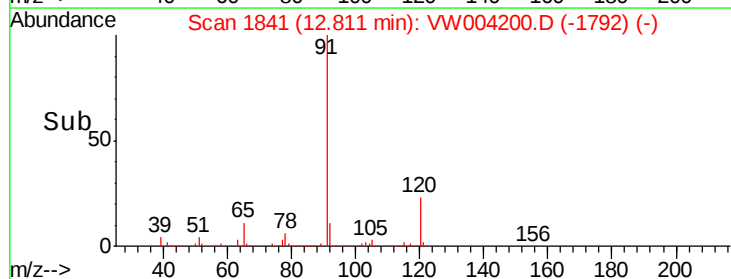
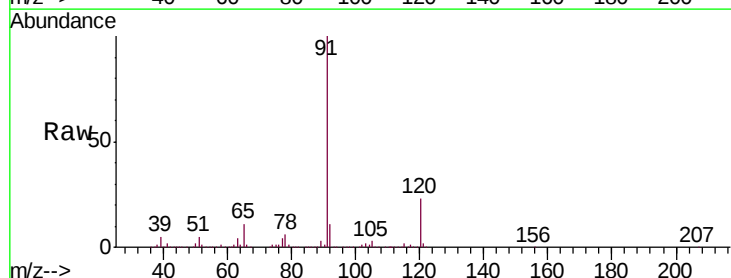
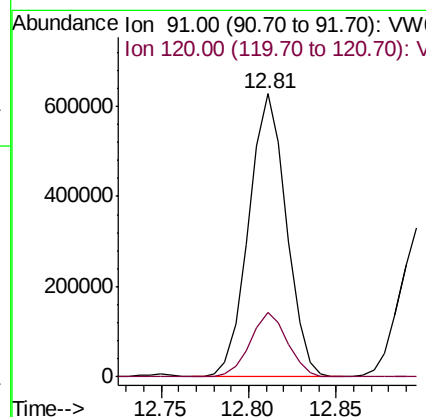
RT: 12.81 min Scan# 1841

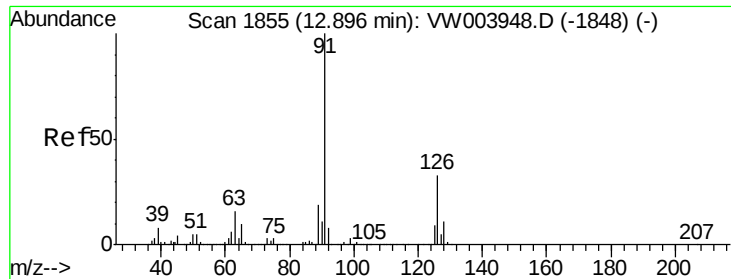
Delta R.T. -0.00 min

Lab File: VW004200.D

Acq: 25 Jul 2018 17:37

Tgt Ion:	91	Resp:	938819
Ion Ratio	Lower	Upper	
91	100		
120	22.4	11.2	33.6





#79

2-Chlorotoluene

Concen: 54.19 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW004200.D

Acq: 25 Jul 2018 17:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 520985

Ion Ratio Lower Upper

91 100

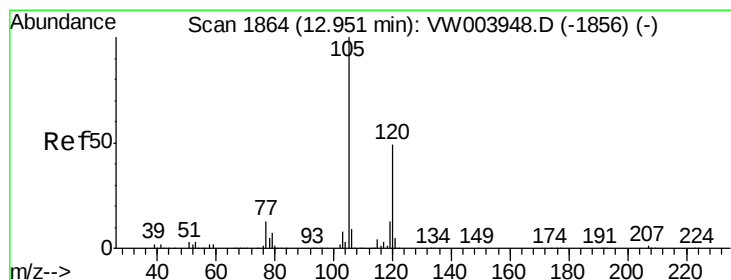
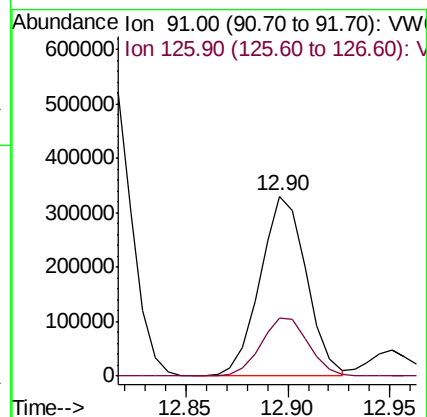
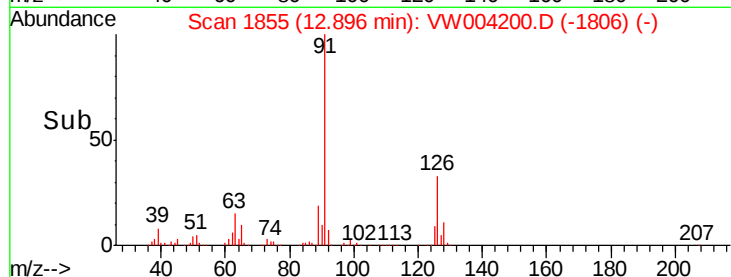
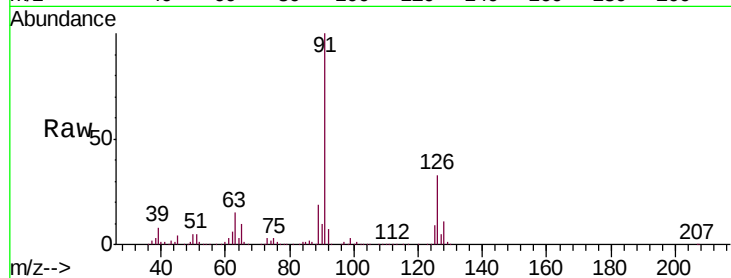
126 33.3 17.0 51.0

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#80

1,3,5-Trimethylbenzene

Concen: 54.88 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW004200.D

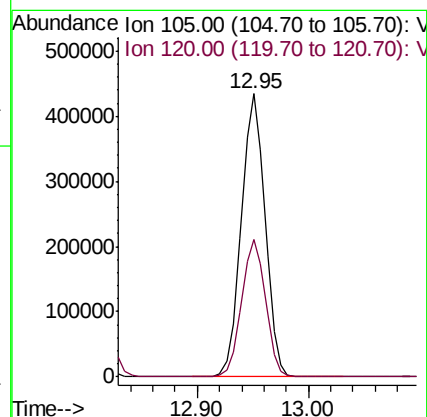
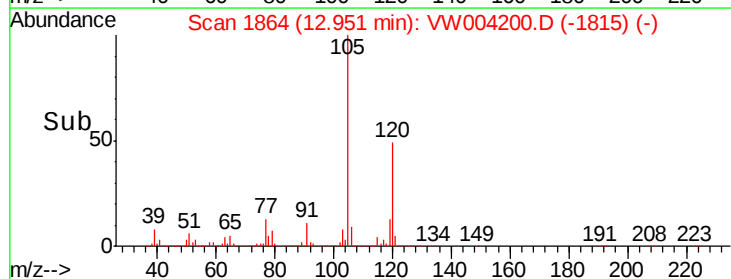
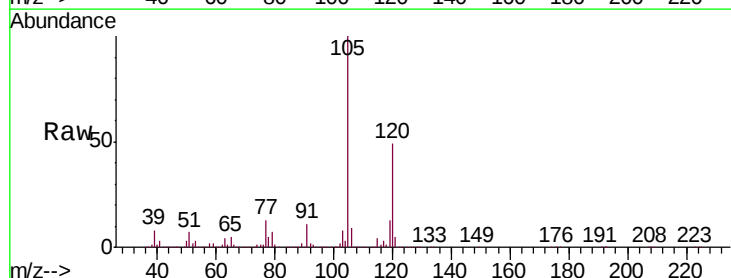
Acq: 25 Jul 2018 17:37

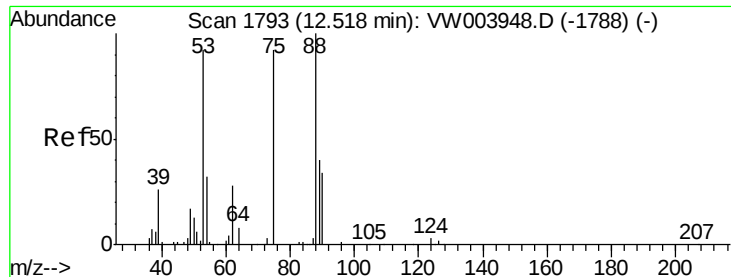
Tgt Ion:105 Resp: 641643

Ion Ratio Lower Upper

105 100

120 48.7 24.4 73.2





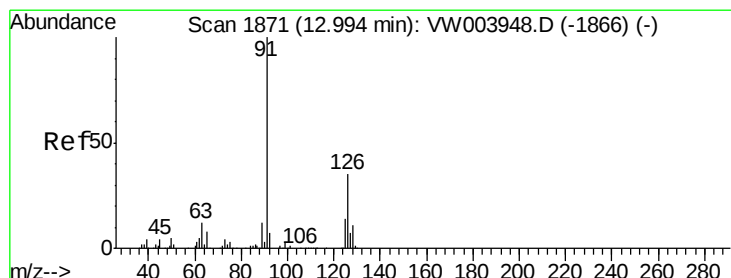
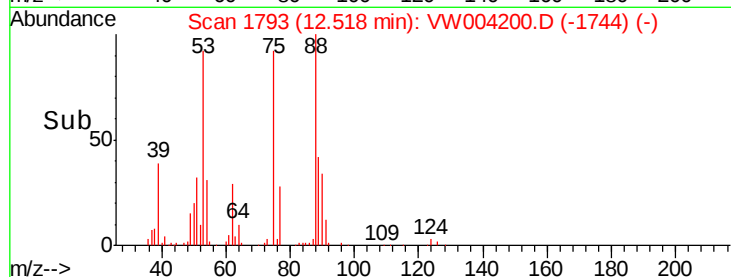
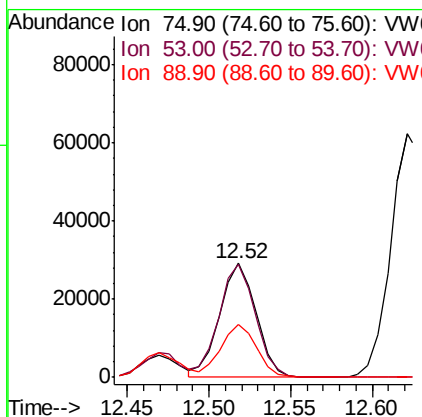
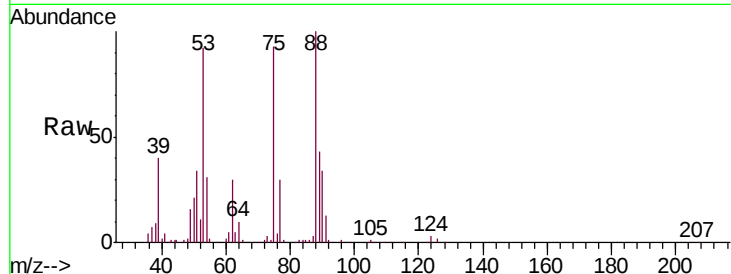
#81
trans-1,4-Dichloro-2-butene
Concen: 51.21 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VW004200.D
Acq: 25 Jul 2018 17:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.2	77.6	116.4
89	45.5	36.6	54.8

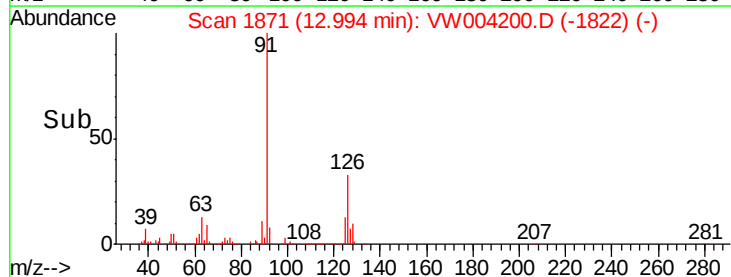
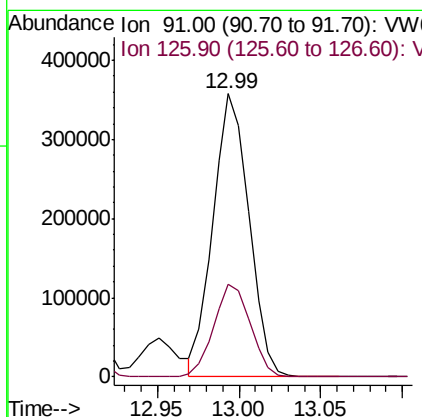
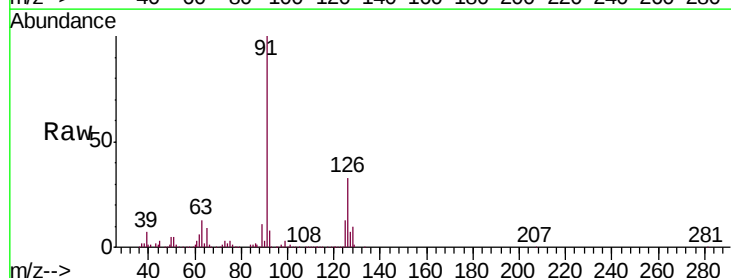
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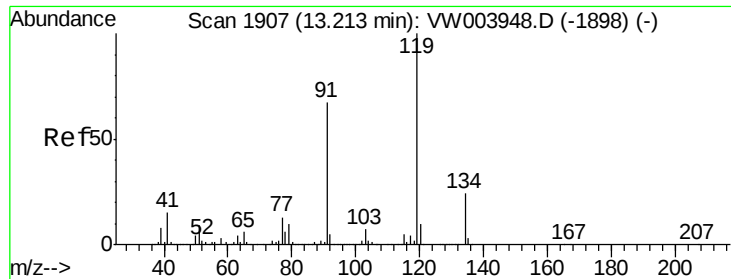
apatel
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#82
4-Chlorotoluene
Concen: 53.38 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. -0.00 min
Lab File: VW004200.D
Acq: 25 Jul 2018 17:37

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.4	16.7	50.0





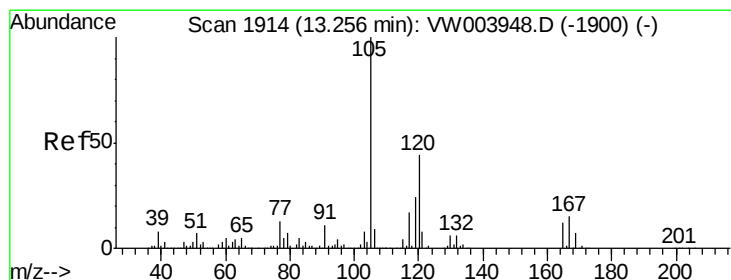
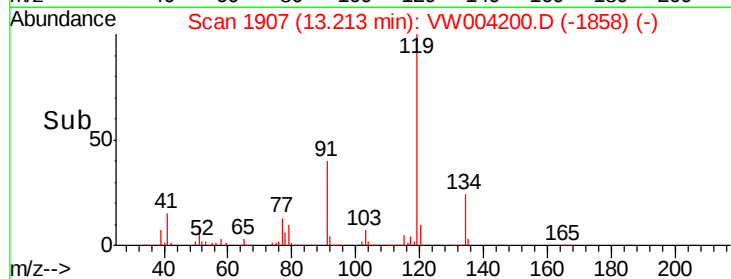
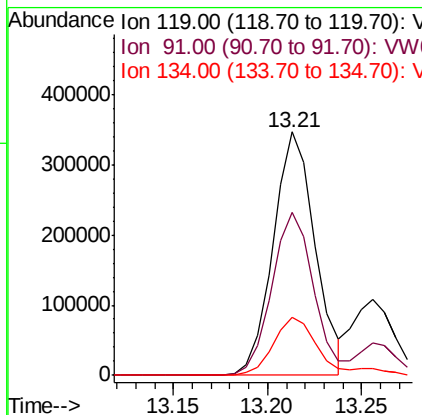
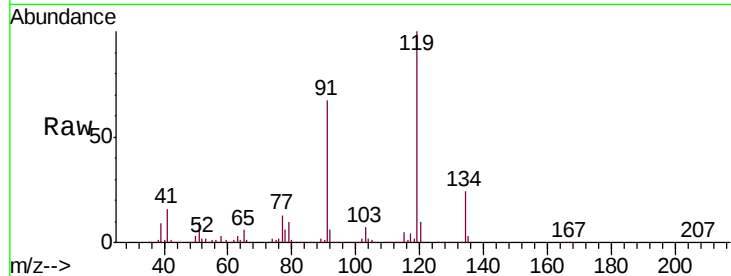
#83
 tert-Butylbenzene
 Concen: 54.53 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VW004200.D
 Acq: 25 Jul 2018 17:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	535253		
91	67.6		33.2	99.6
134	24.2		13.0	38.9

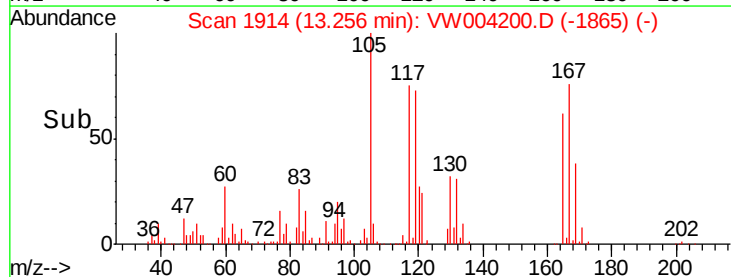
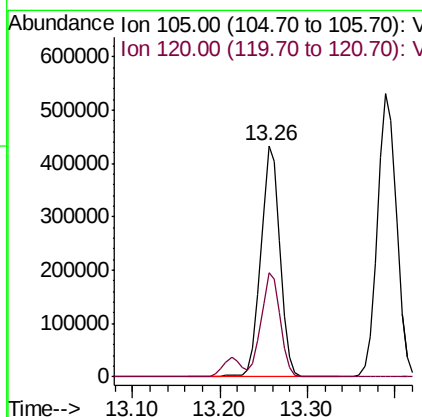
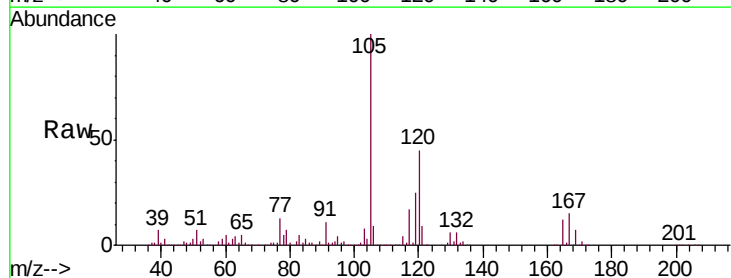
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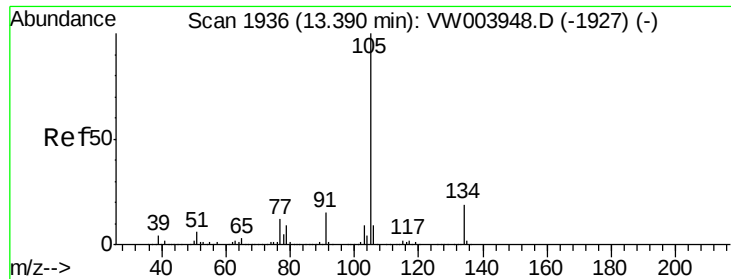
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#84
 1,2,4-Trimethylbenzene
 Concen: 54.86 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: VW004200.D
 Acq: 25 Jul 2018 17:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	659952		
120	44.8		22.1	66.1





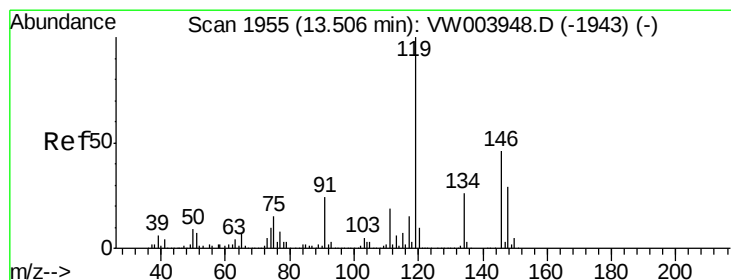
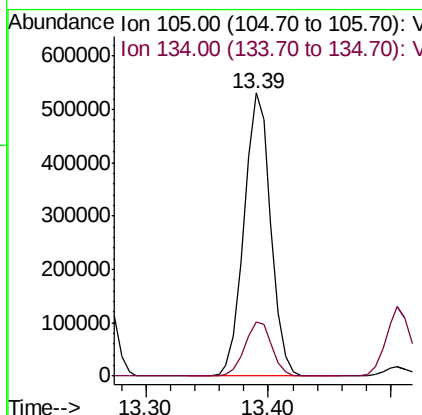
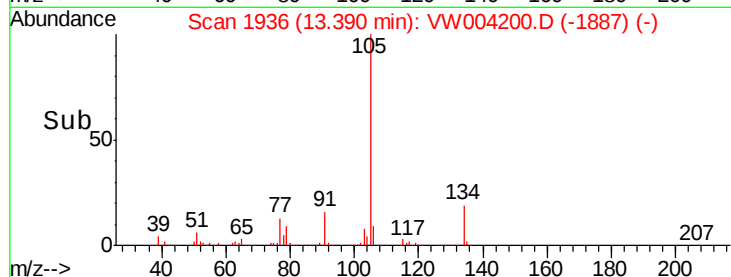
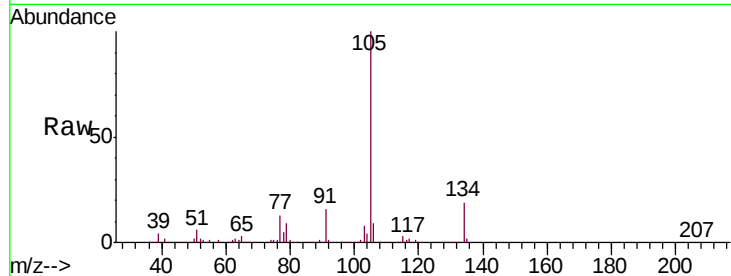
#85
 sec-Butylbenzene
 Concen: 54.90 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VW004200.D
 Acq: 25 Jul 2018 17:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
105	100	799603		
134	19.6	9.8	29.4	

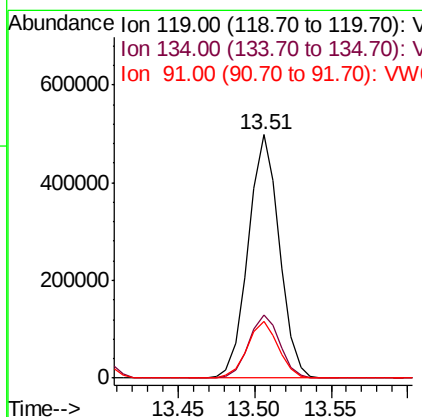
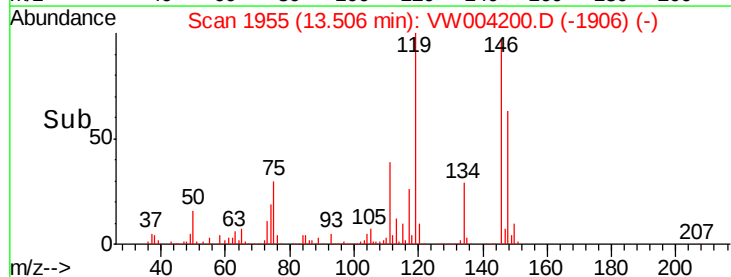
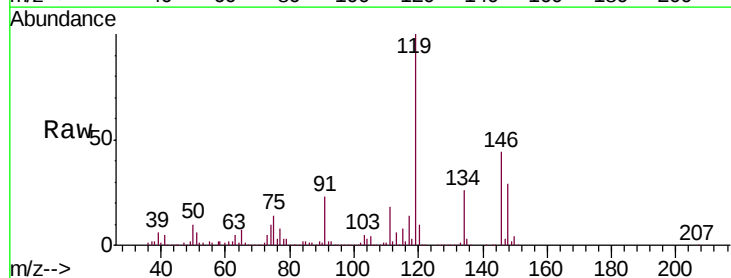
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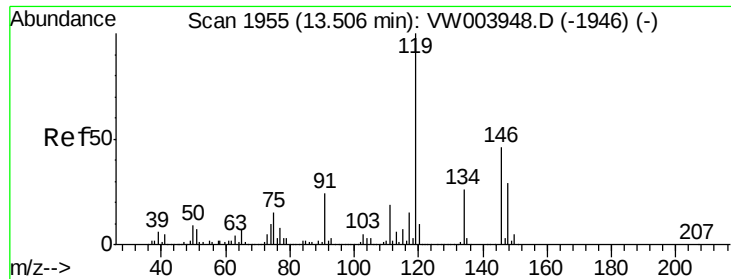
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#86
 p-Isopropyltoluene
 Concen: 55.03 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW004200.D
 Acq: 25 Jul 2018 17:37

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	703100		
134	26.3	13.0	38.9	
91	23.3	11.8	35.3	





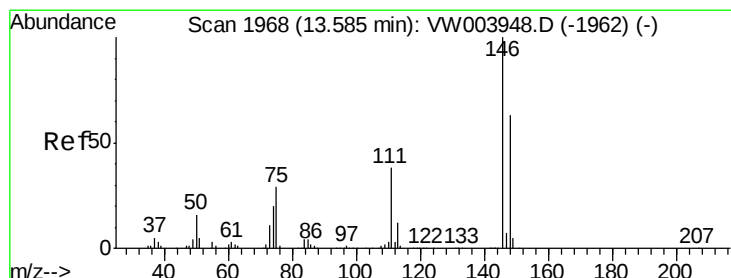
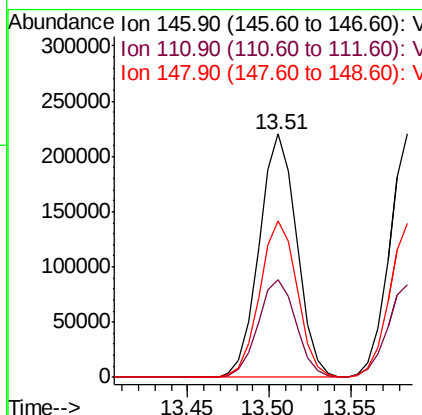
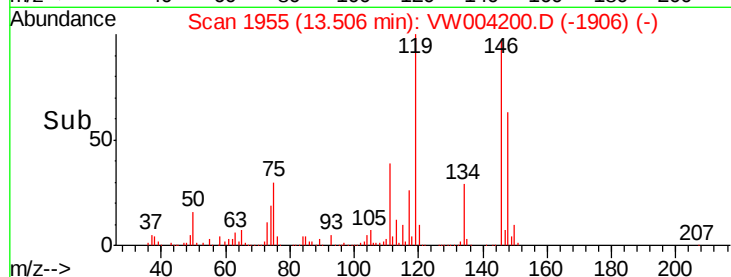
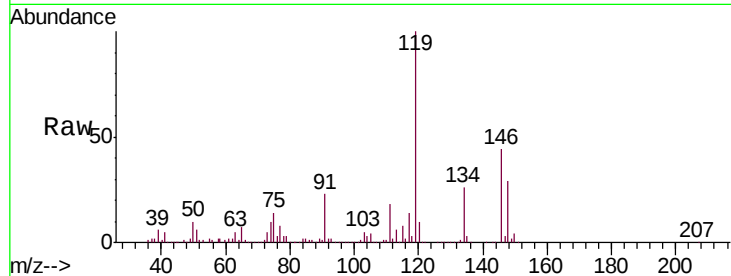
#87
 1,3-Dichlorobenzene
 Concen: 53.10 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW004200.D
 Acq: 25 Jul 2018 17:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	352630		
111	40.4	19.9	59.6	
148	64.1	31.9	95.5	

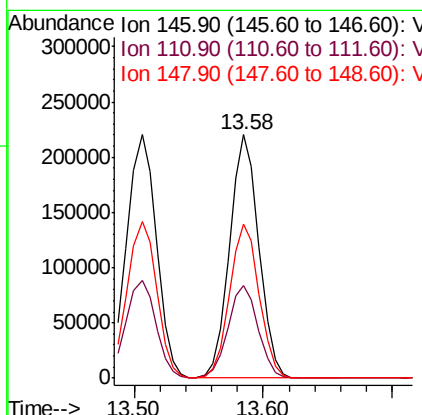
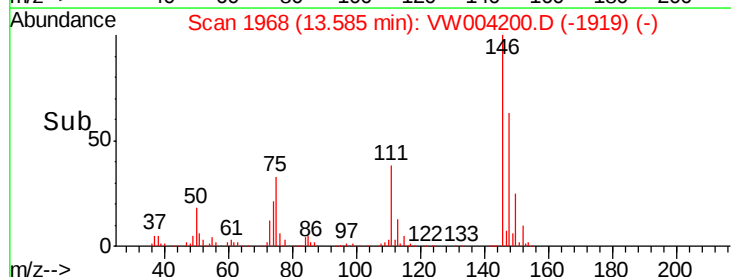
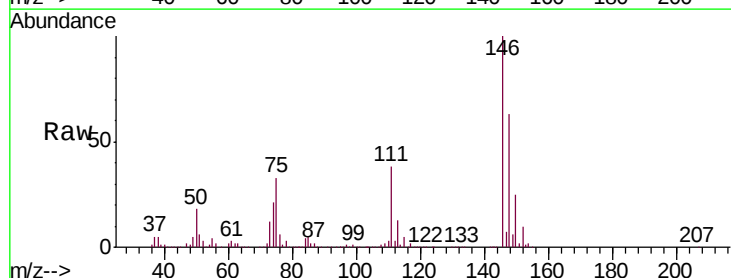
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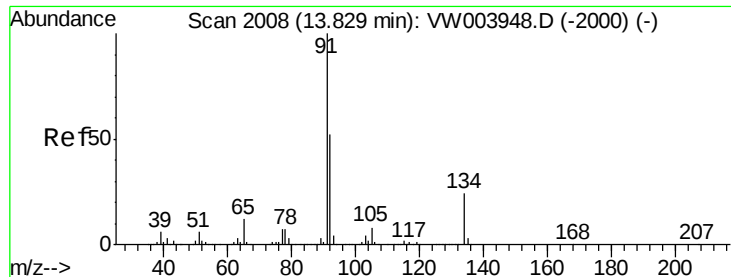
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#88
 1,4-Dichlorobenzene
 Concen: 52.29 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW004200.D
 Acq: 25 Jul 2018 17:37

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	348189		
111	39.3	19.6	58.7	
148	63.7	32.3	96.8	





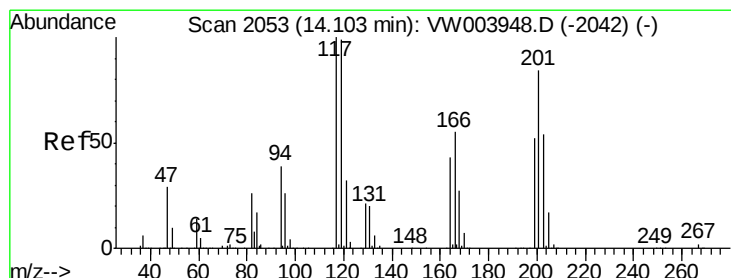
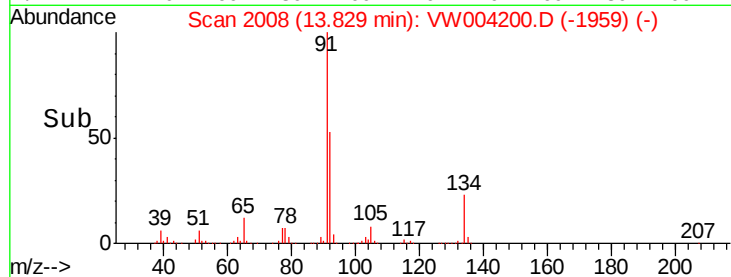
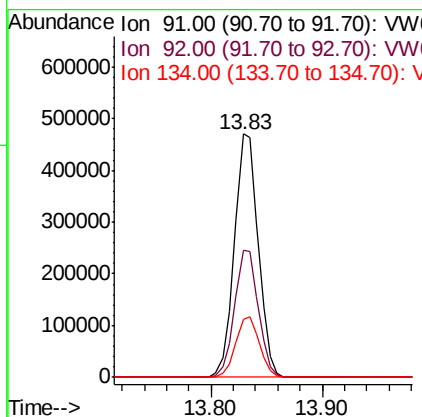
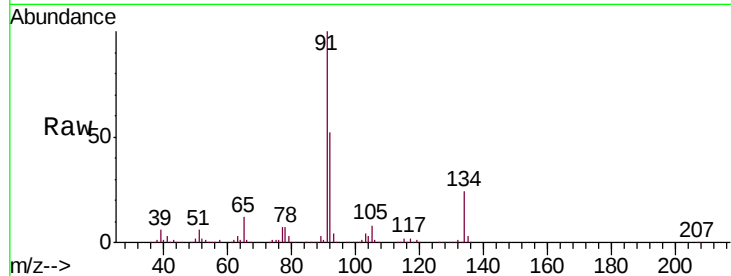
#89
n-Butylbenzene
Concen: 55.31 ug/l
RT: 13.83 min Scan# 2008
Delta R.T. -0.00 min
Lab File: VW004200.D
Acq: 25 Jul 2018 17:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.0	26.1	78.3
134	24.7	12.4	37.4

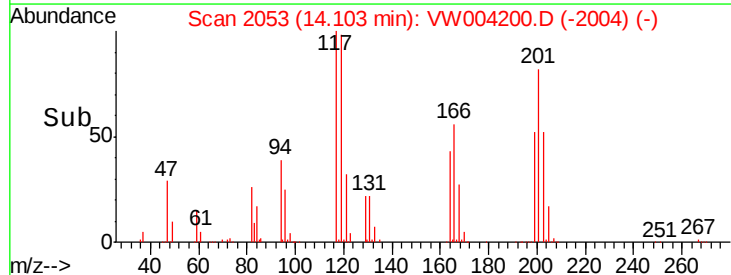
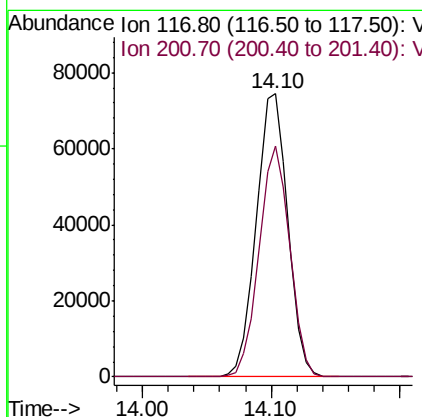
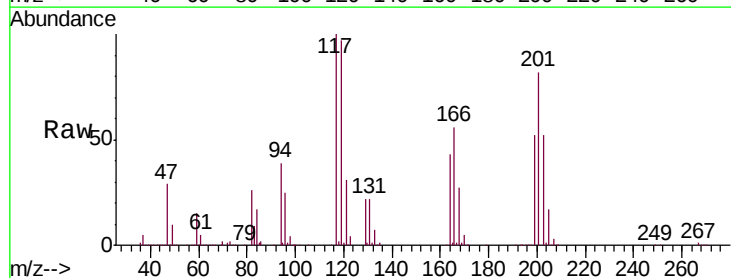
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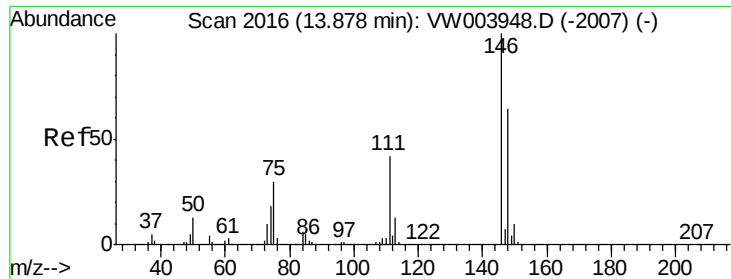
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#90
Hexachloroethane
Concen: 53.29 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. -0.00 min
Lab File: VW004200.D
Acq: 25 Jul 2018 17:37

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.6	40.3	120.9





#91

1,2-Dichlorobenzene

Concen: 53.18 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. -0.00 min

Lab File: VW004200.D

Acq: 25 Jul 2018 17:37

Instrument :

MSVOA_W

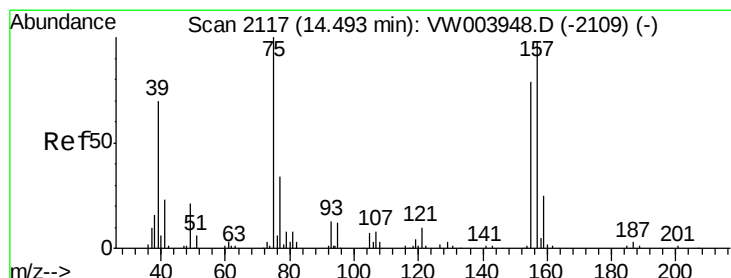
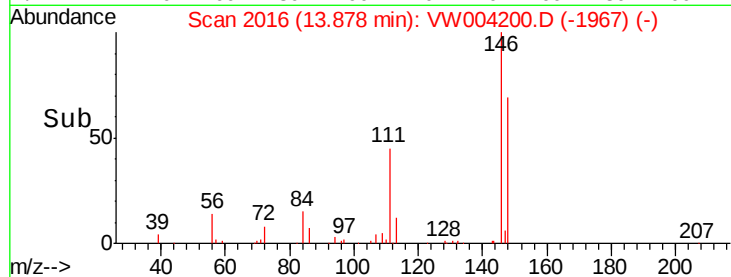
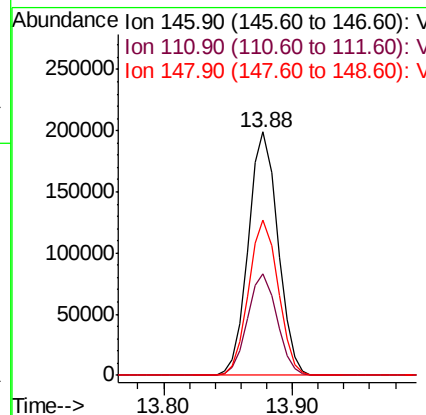
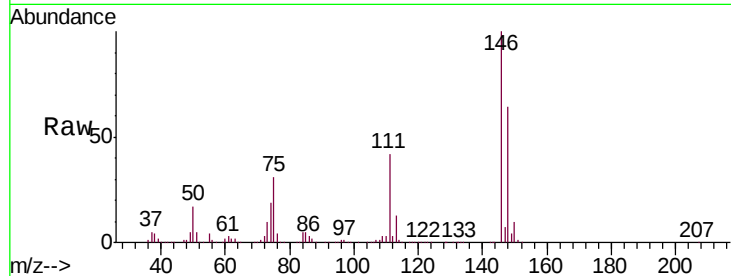
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	314633
Ion Ratio	Lower	Upper	
146	100		
111	41.6	20.7	62.1
148	63.9	32.0	96.2

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#92

1,2-Dibromo-3-Chloropropane

Concen: 50.33 ug/l

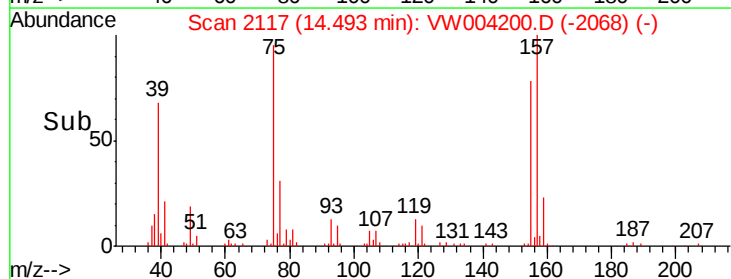
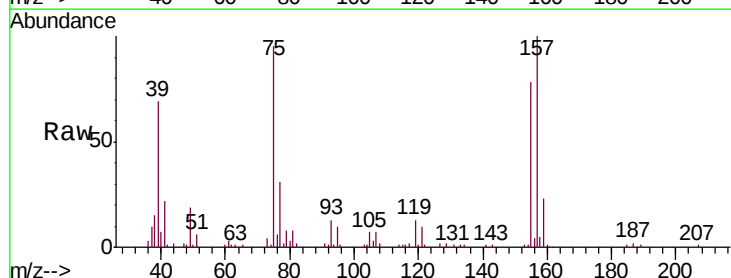
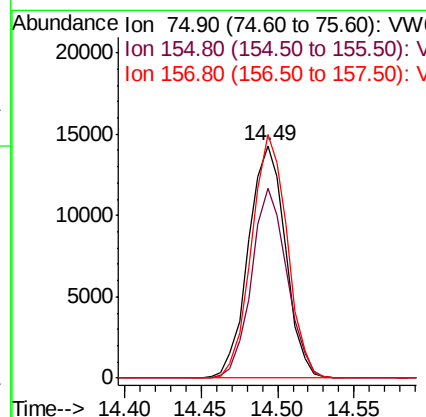
RT: 14.49 min Scan# 2117

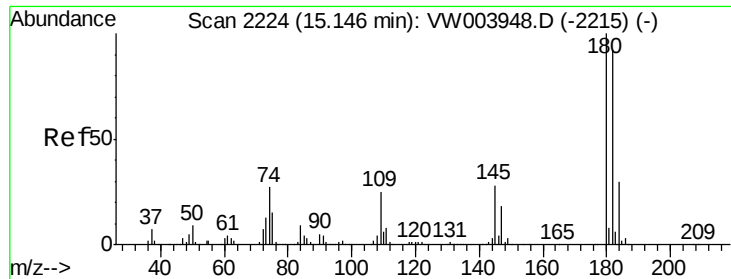
Delta R.T. -0.00 min

Lab File: VW004200.D

Acq: 25 Jul 2018 17:37

Tgt Ion:	75	Resp:	24046
Ion Ratio	Lower	Upper	
75	100		
155	78.0	39.4	118.1
157	100.7	51.8	155.4





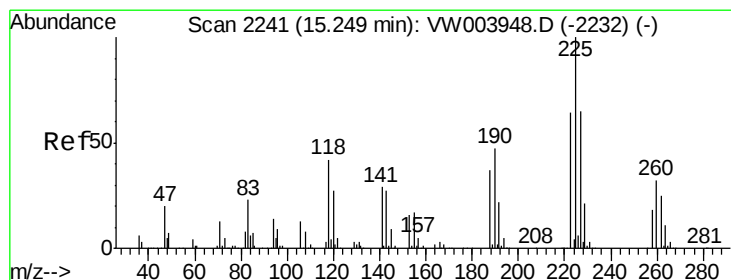
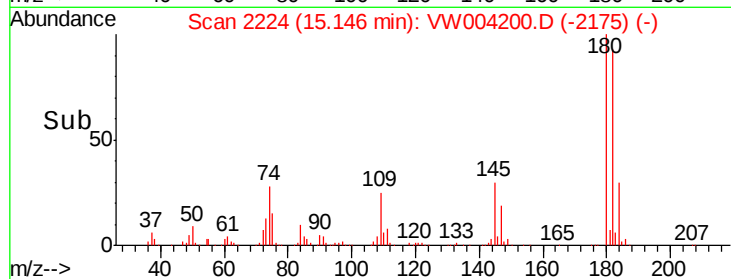
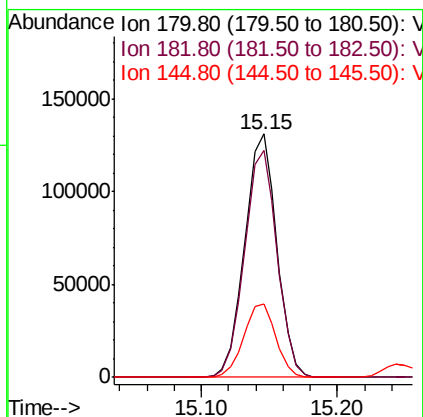
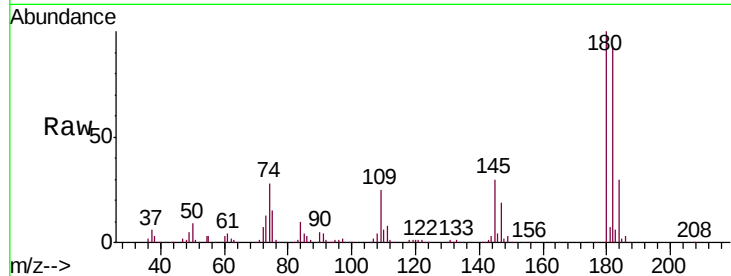
#93
1,2,4-Trichlorobenzene
Concen: 52.19 ug/l
RT: 15.15 min Scan# 2224
Delta R.T. -0.00 min
Lab File: VW004200.D
Acq: 25 Jul 2018 17:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	216836		
182	94.4	46.9	140.8	
145	30.3	15.0	45.0	

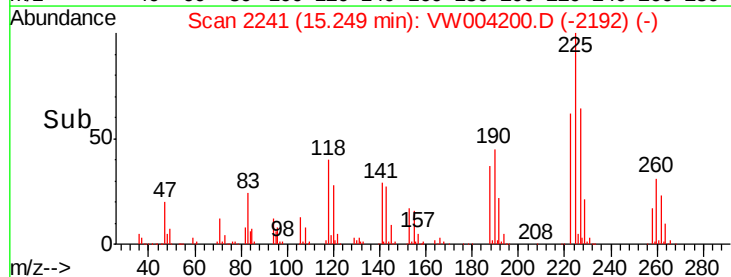
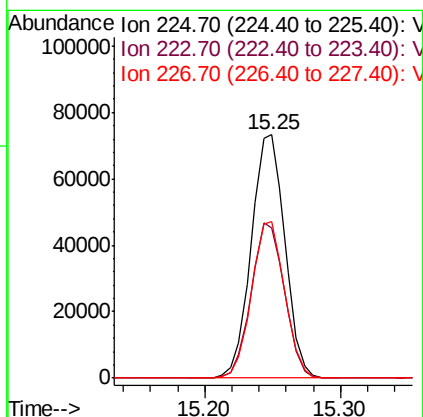
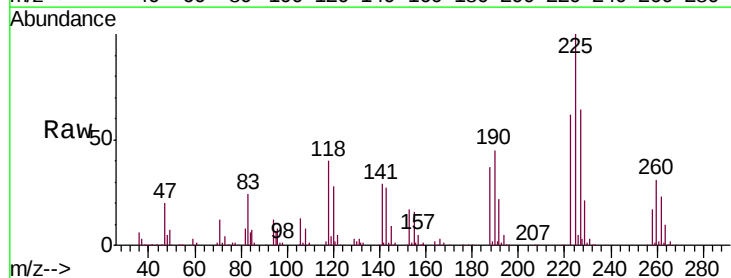
Manual Integrations
APPROVED

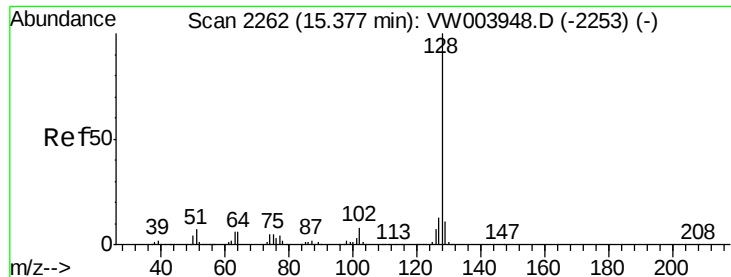
apatel
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#94
Hexachlorobutadiene
Concen: 53.29 ug/l
RT: 15.25 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW004200.D
Acq: 25 Jul 2018 17:37

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	127151		
223	63.0	32.0	96.2	
227	63.4	32.3	96.9	





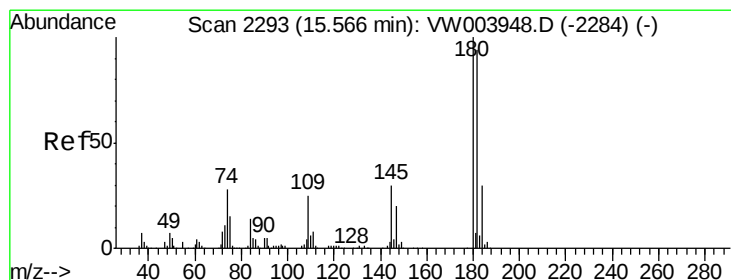
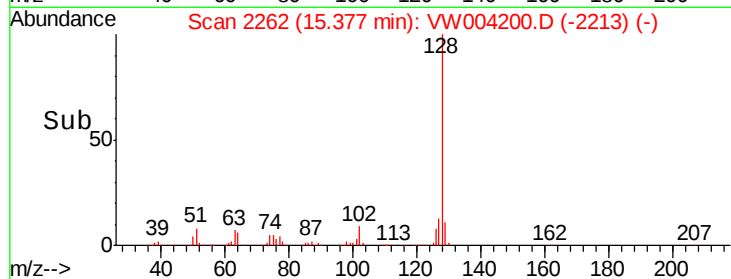
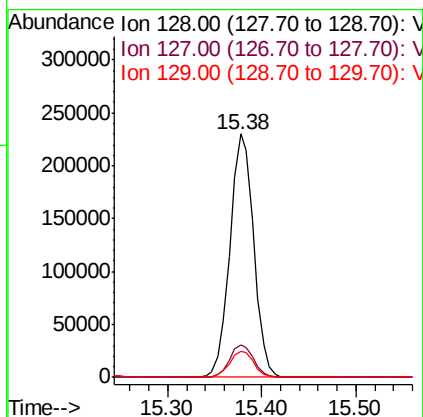
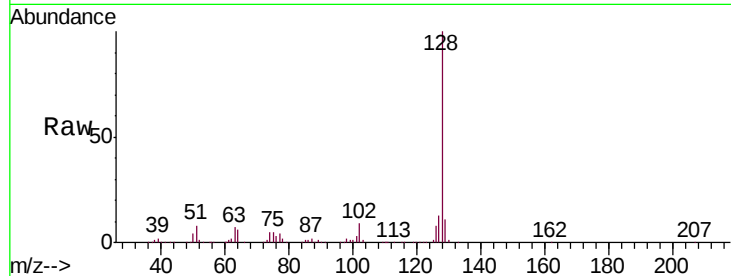
#95
Naphthalene
Concen: 52.33 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VW004200.D
Acq: 25 Jul 2018 17:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.7	16.1
129	10.8	8.7	13.1

Manual Integrations
APPROVED

apatel
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#96
1,2,3-Trichlorobenzene
Concen: 52.35 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VW004200.D
Acq: 25 Jul 2018 17:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.5	142.6
145	31.9	15.8	47.4

