

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072318\
 Data File : VW004151.D
 Acq On : 23 Jul 2018 21:15
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 7/24/2018 11:49:58 AM

Quant Time: Jul 24 05:53:51 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	253202	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	399428	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	374591	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	192567	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	158454	55.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.98%	
35) Dibromofluoromethane	7.88	113	138272	53.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.90%	
50) Toluene-d8	10.33	98	543158	54.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.24%	
62) 4-Bromofluorobenzene	12.62	95	194684	54.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	57883m	40.71	ug/l	
3) Chloromethane	2.20	50	89065	47.59	ug/l	99
4) Vinyl Chloride	2.36	62	123283	47.89	ug/l	99
5) Bromomethane	2.77	94	74564	46.34	ug/l	100
6) Chloroethane	2.92	64	66610	45.54	ug/l	99
7) Trichlorofluoromethane	3.25	101	49037	45.37	ug/l	98
8) Diethyl Ether	3.67	74	67916	54.14	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.05	101	122597	49.16	ug/l	99
10) Methyl Iodide	4.26	142	186970	52.20	ug/l	99
11) Tert butyl alcohol	5.19	59	52450	268.45	ug/l	98
12) 1,1-Dichloroethene	4.03	96	125797	51.12	ug/l	96
13) Acrolein	3.89	56	57605	286.94	ug/l	97
14) Allyl chloride	4.65	41	217189	53.47	ug/l	98
15) Acrylonitrile	5.37	53	185457	288.50	ug/l	100
16) Acetone	4.12	43	151918	223.37	ug/l	97
17) Carbon Disulfide	4.37	76	385583	50.20	ug/l	100
18) Methyl Acetate	4.67	43	102245	62.63	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	274636	58.23	ug/l	100
20) Methylene Chloride	4.91	84	142468	46.97	ug/l	96
21) trans-1,2-Dichloroethene	5.41	96	140487	52.08	ug/l	98
22) Diisopropyl ether	6.31	45	466214	56.79	ug/l	100
23) Vinyl Acetate	6.26	43	1452997	279.36	ug/l	99
24) 1,1-Dichloroethane	6.21	63	269760	53.86	ug/l	99
25) 2-Butanone	7.18	43	251608	274.91	ug/l	100
26) 2,2-Dichloropropane	7.17	77	128800	44.80	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	153632	52.69	ug/l	99
28) Bromochloromethane	7.51	49	105994	51.71	ug/l	98
29) Tetrahydrofuran	7.53	42	168512	295.58	ug/l	99
30) Chloroform	7.68	83	266386	53.47	ug/l	100
31) Cyclohexane	7.95	56	224229	47.76	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	199343	51.24	ug/l	100
36) 1,1-Dichloropropene	8.08	75	207890	50.59	ug/l	100
37) Ethyl Acetate	7.26	43	114710	57.87	ug/l	100
38) Carbon Tetrachloride	8.07	117	193153	50.30	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	243008	50.49	ug/l	98
40) Benzene	8.32	78	603054	52.89	ug/l	99
41) Methacrylonitrile	7.49	41	66695	60.72	ug/l	89
42) 1,2-Dichloroethane	8.40	62	186754	53.69	ug/l	99
43) Isopropyl Acetate	8.43	43	208885	56.34	ug/l	100
44) Trichloroethene	9.09	130	151137	51.14	ug/l	95
45) 1,2-Dichloropropane	9.37	63	156571	53.80	ug/l	100
46) Dibromomethane	9.46	93	82804	54.84	ug/l	99
47) Bromodichloromethane	9.65	83	198480	53.32	ug/l	99
48) Methyl methacrylate	9.44	41	104140	58.08	ug/l	98
49) 1,4-Dioxane	9.46	88	28415	1224.20	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	576881	292.07	ug/l	100
52) Toluene	10.39	92	370793	52.59	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	203075	52.17	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	230917	51.86	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	115401	54.34	ug/l	99
56) Ethyl methacrylate	10.65	69	159399	52.33	ug/l	99
57) 1,3-Dichloropropane	10.93	76	205621	55.73	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	390458	309.92	ug/l	99
59) 2-Hexanone	10.98	43	402486	289.12	ug/l	99
60) Dibromochloromethane	11.13	129	135560	54.81	ug/l	99
61) 1,2-Dibromoethane	11.24	107	112678	55.76	ug/l	100
64) Tetrachloroethene	10.87	164	143861	55.97	ug/l	98
65) Chlorobenzene	11.66	112	405909	50.96	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	143090	51.70	ug/l	99
67) Ethyl Benzene	11.74	91	720382	51.48	ug/l	98
68) m/p-Xylenes	11.84	106	547997	102.47	ug/l	100
69) o-Xylene	12.17	106	256158	51.64	ug/l	98
70) Styrene	12.19	104	443301	53.50	ug/l	100
71) Bromoform	12.35	173	82934	53.07	ug/l #	100
73) Isopropylbenzene	12.47	105	699713	51.42	ug/l	100
74) N-amyl acetate	12.28	43	197237	55.63	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	144097	54.76	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	96359m	50.40	ug/l	
77) Bromobenzene	12.75	156	166392	51.10	ug/l	98
78) n-propylbenzene	12.81	91	865846	51.87	ug/l	100
79) 2-Chlorotoluene	12.90	91	492026	52.26	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	598835	52.29	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	42762	49.48	ug/l	99
82) 4-Chlorotoluene	12.99	91	520454	51.51	ug/l	99
83) tert-Butylbenzene	13.21	119	501586	52.17	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	612106	51.96	ug/l	99
85) sec-Butylbenzene	13.39	105	734966	51.52	ug/l	100
86) p-Isopropyltoluene	13.51	119	645073	51.56	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	329637	50.69	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	328185	50.32	ug/l	99
89) n-Butylbenzene	13.83	91	621940	50.56	ug/l	99
90) Hexachloroethane	14.10	117	116838	50.66	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	301551	52.05	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	25647	54.81	ug/l	98

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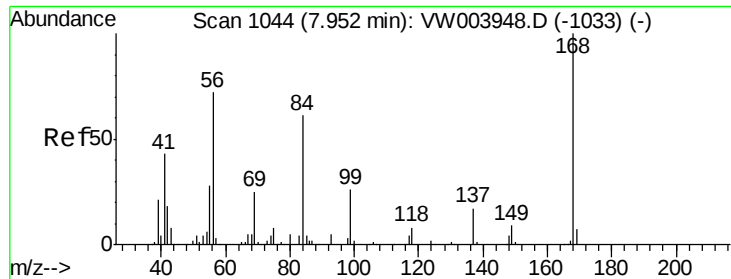
Manual Integrations
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	205467	50.49	ug/l	99
94) Hexachlorobutadiene	15.24	225	113155	48.43	ug/l	98
95) Naphthalene	15.38	128	411716	54.82	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	184389	51.18	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004151.D

Acq: 23 Jul 2018 21:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 253202

Ion Ratio Lower Upper

168 100

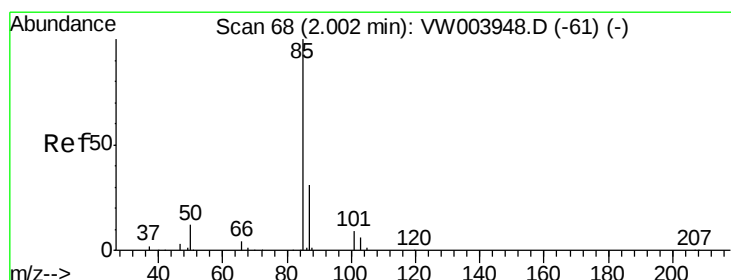
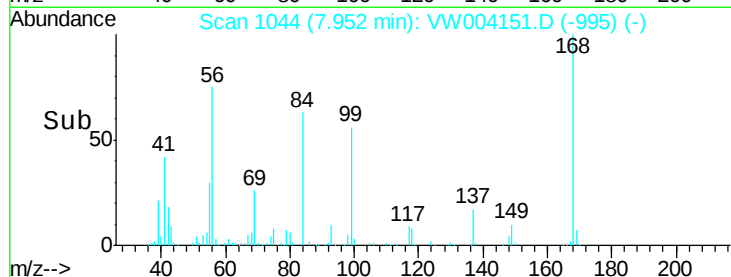
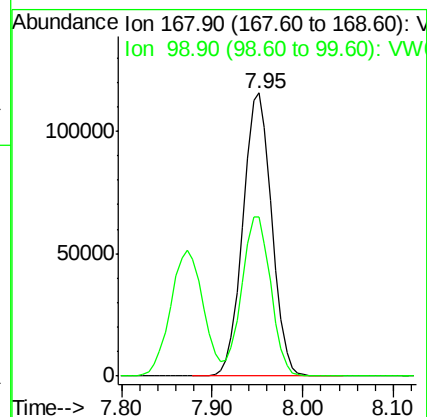
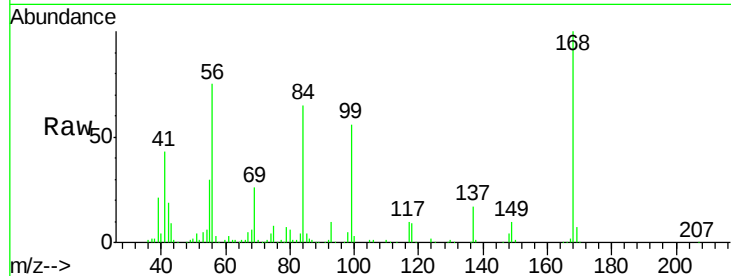
99 56.2 43.8 65.6

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 40.71 ug/l m

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW004151.D

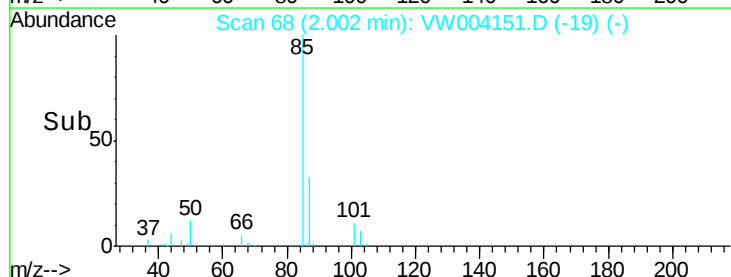
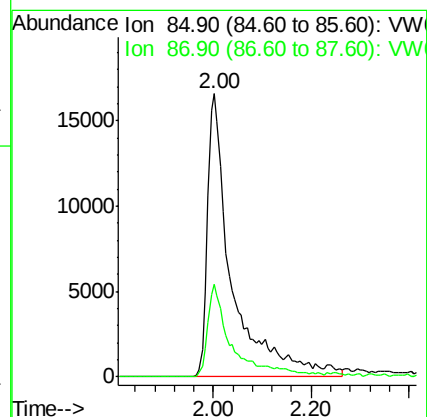
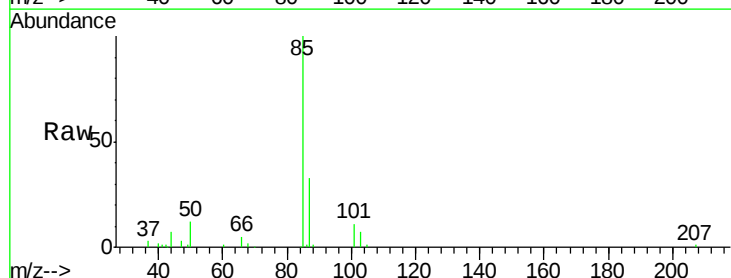
Acq: 23 Jul 2018 21:15

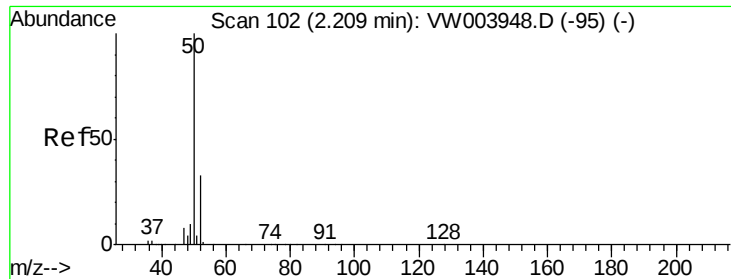
Tgt Ion: 85 Resp: 57883

Ion Ratio Lower Upper

85 100

87 32.9 15.4 46.2





#3

Chloromethane

Concen: 47.59 ug/l

RT: 2.20 min Scan# 101

Delta R.T. -0.01 min

Lab File: VW004151.D

Acq: 23 Jul 2018 21:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 89065

Ion Ratio Lower Upper

50 100

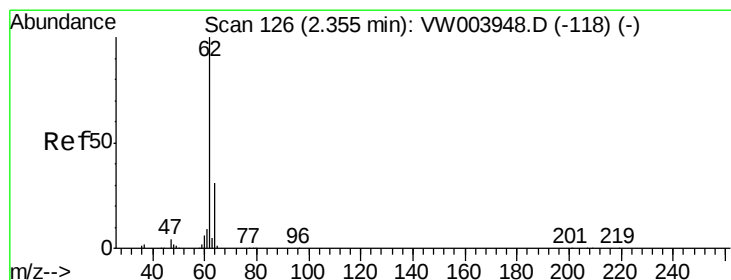
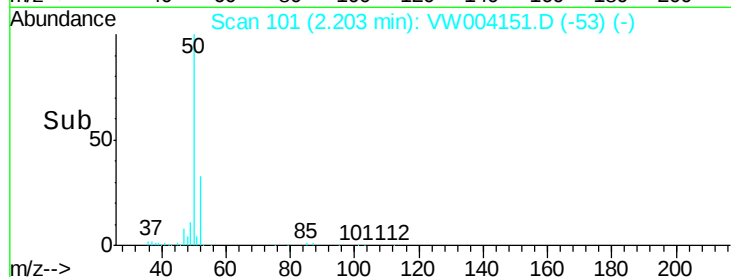
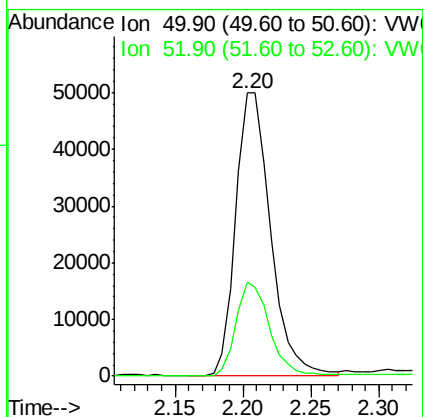
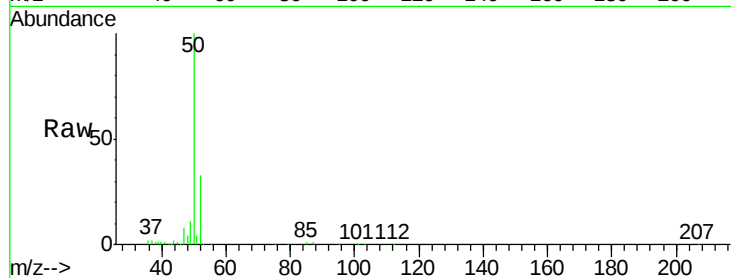
52 33.4 26.3 39.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 47.89 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW004151.D

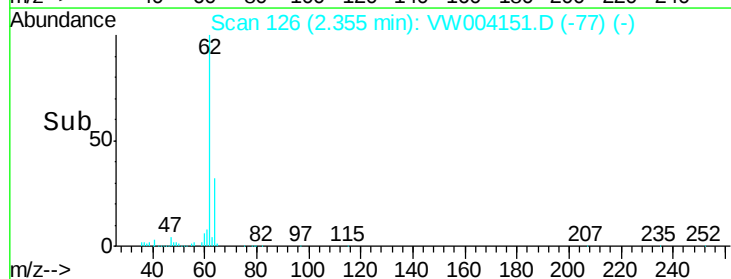
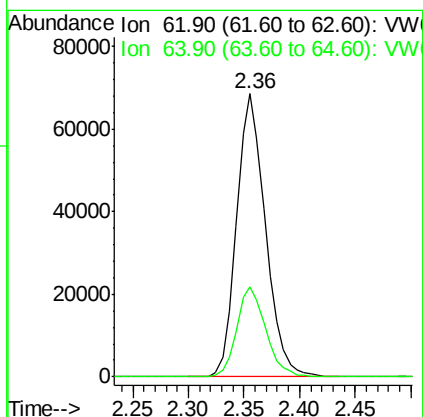
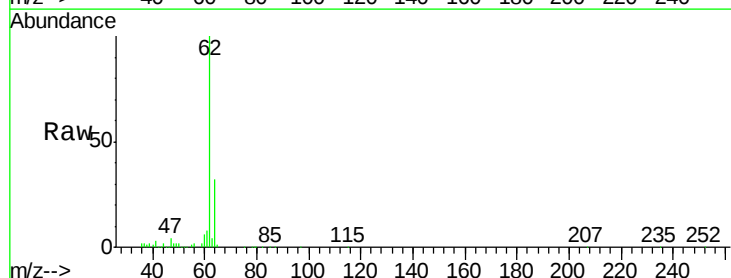
Acq: 23 Jul 2018 21:15

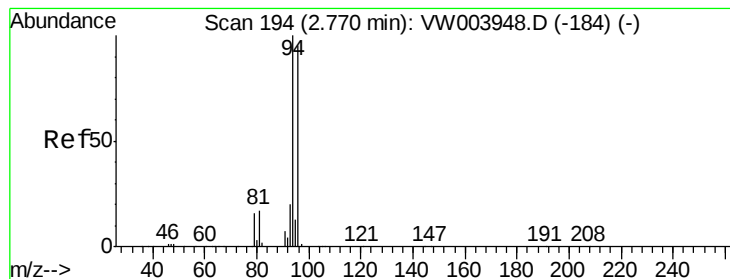
Tgt Ion: 62 Resp: 123283

Ion Ratio Lower Upper

62 100

64 31.9 25.0 37.6





#5

Bromomethane

Concen: 46.34 ug/l

RT: 2.77 min Scan# 194

Delta R.T. -0.00 min

Lab File: VW004151.D

Acq: 23 Jul 2018 21:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 74564

Ion Ratio Lower Upper

94 100

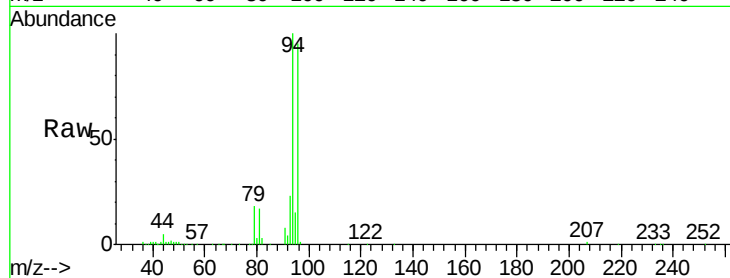
96 94.5 75.8 113.6

Manual Integrations

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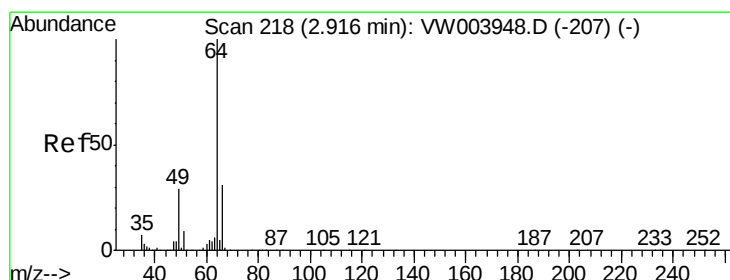
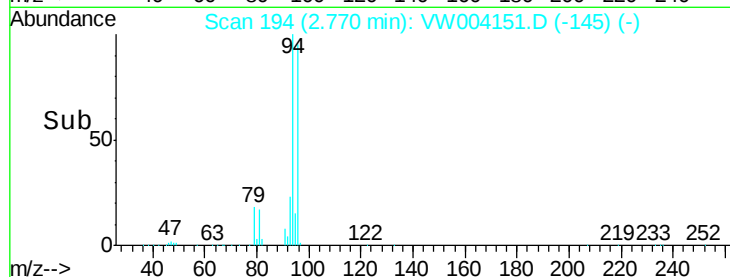
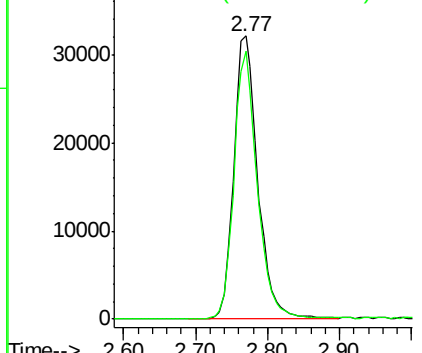
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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 45.54 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.00 min

Lab File: VW004151.D

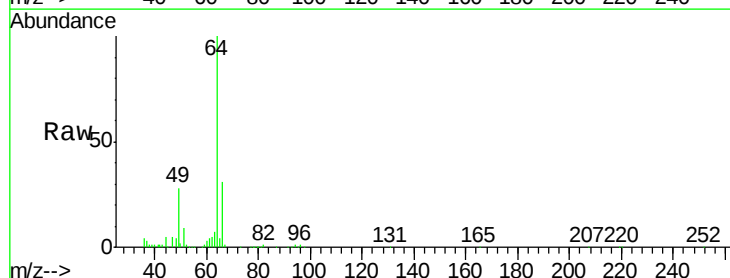
Acq: 23 Jul 2018 21:15

Tgt Ion: 64 Resp: 66610

Ion Ratio Lower Upper

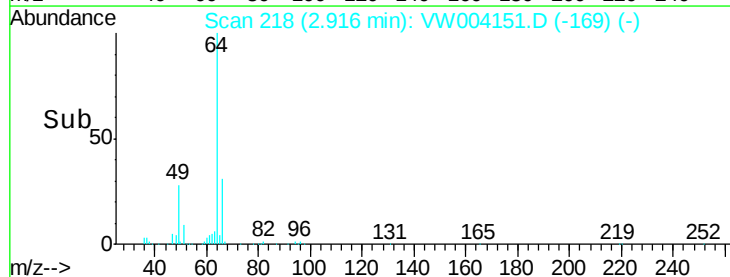
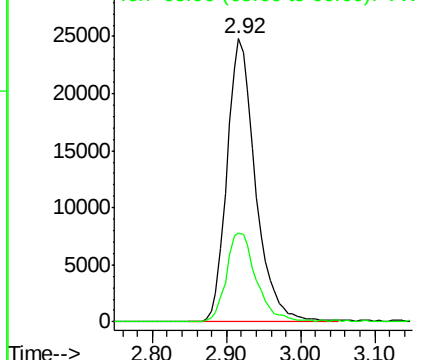
64 100

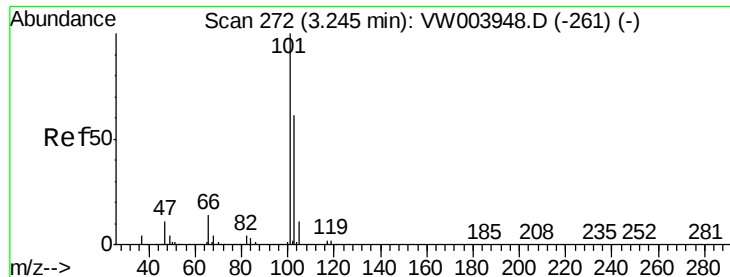
66 31.3 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#7

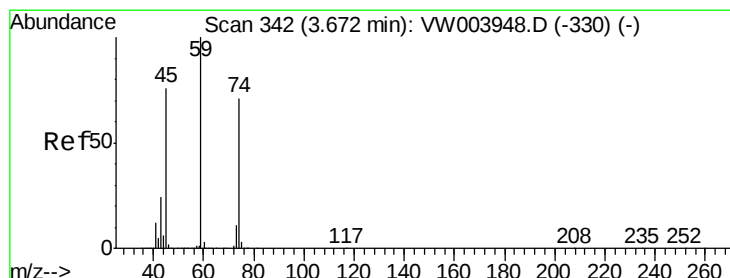
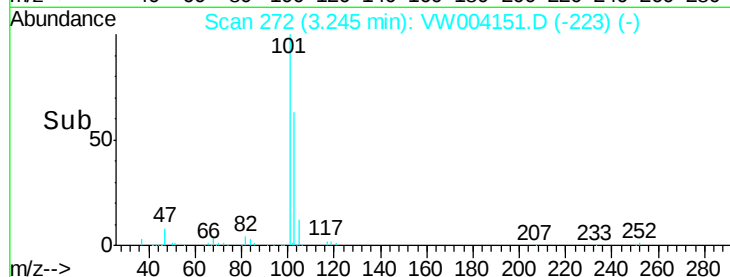
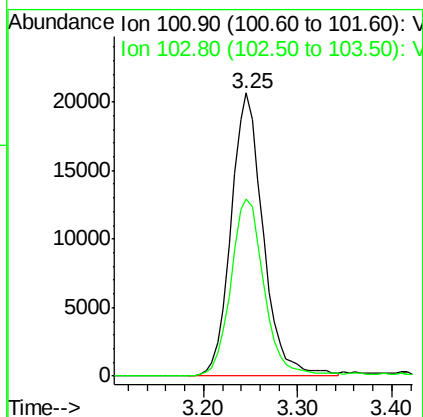
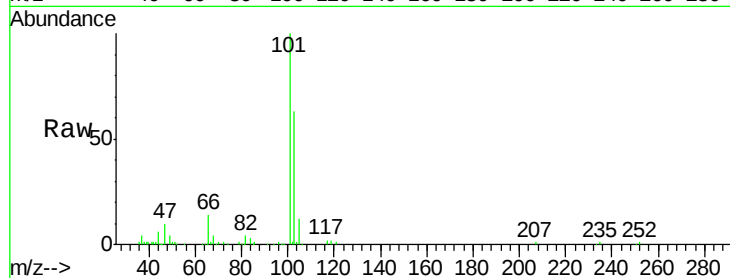
Trichlorofluoromethane
 Concen: 45.37 ug/l
 RT: 3.25 min Scan# 272
 Delta R.T. -0.00 min
 Lab File: VW004151.D
 Acq: 23 Jul 2018 21:15

Instrument :
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 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.6	49.0	73.6

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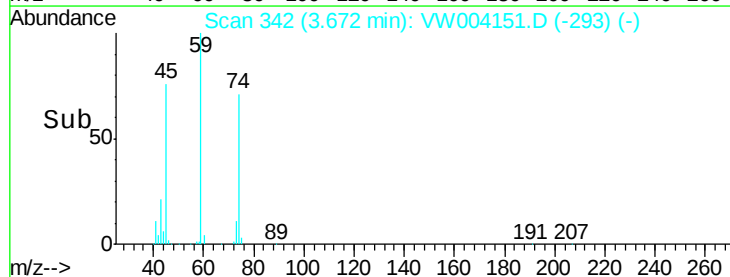
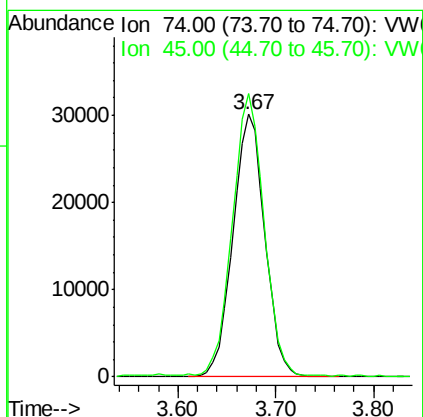
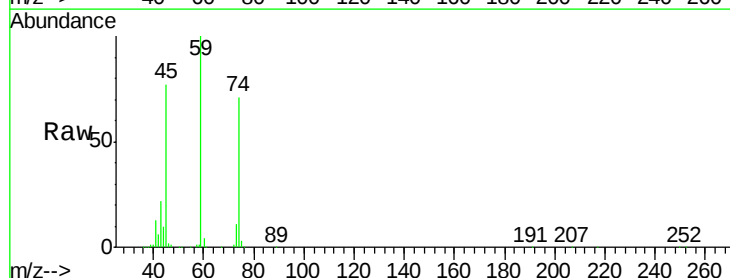
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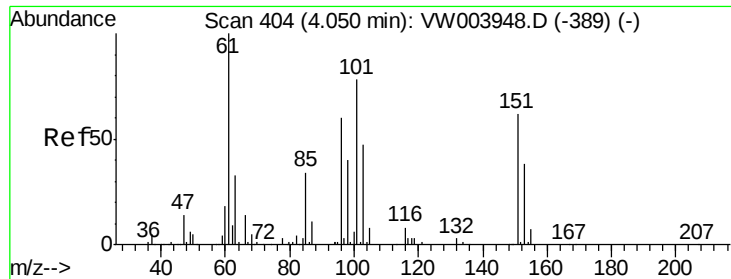


#8

Diethyl Ether
 Concen: 54.14 ug/l
 RT: 3.67 min Scan# 342
 Delta R.T. -0.00 min
 Lab File: VW004151.D
 Acq: 23 Jul 2018 21:15

Tgt Ion	Ratio	Lower	Upper
74	100		
45	107.3	53.8	161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.16 ug/l

RT: 4.05 min Scan# 404

Delta R.T. -0.00 min

Lab File: VW004151.D

Acq: 23 Jul 2018 21:15

Instrument :

MSVOA_W

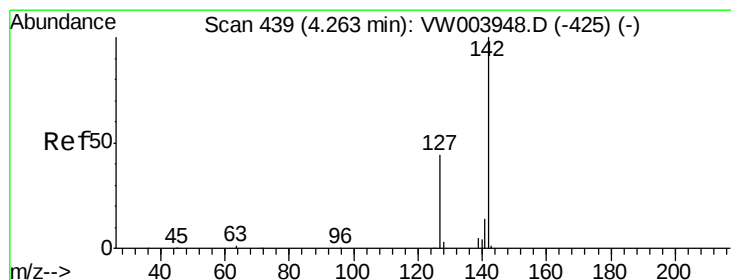
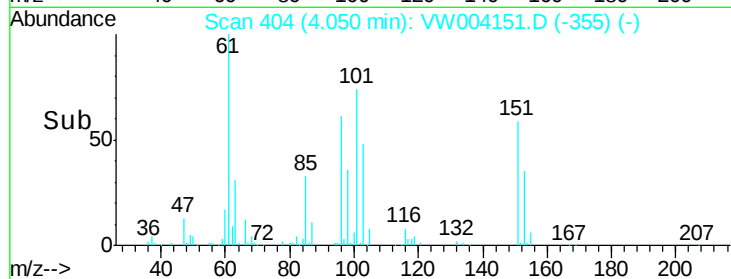
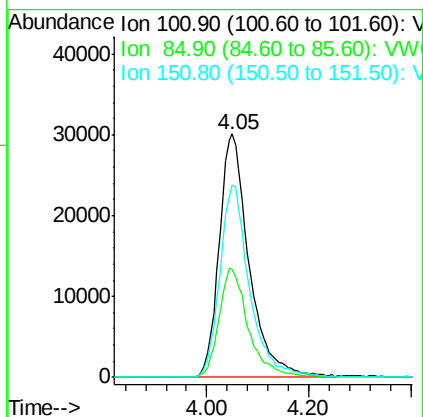
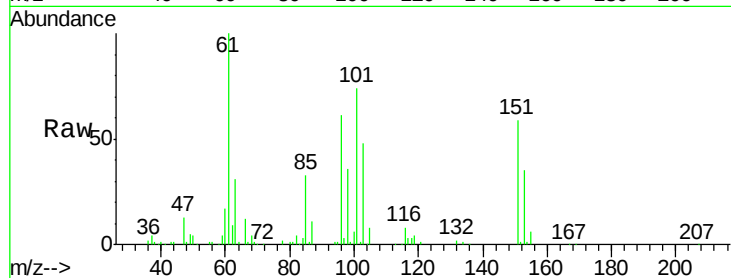
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	122597
Ion Ratio	Lower	Upper	
101	100		
85	44.2	35.8	53.6
151	78.5	63.6	95.4

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#10

Methyl Iodide

Concen: 52.20 ug/l

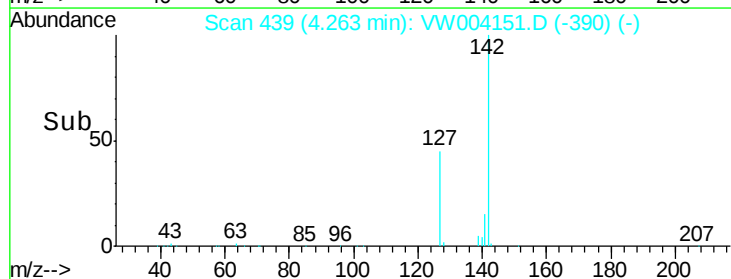
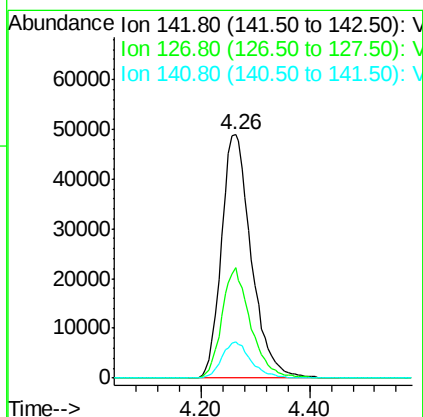
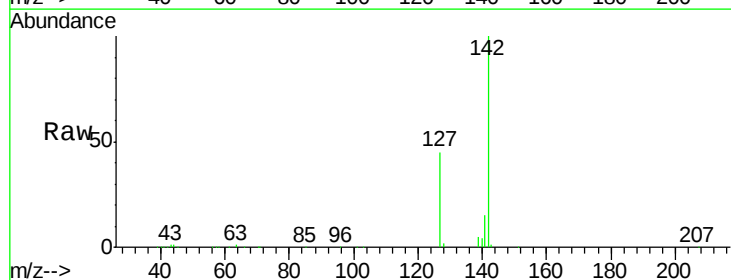
RT: 4.26 min Scan# 439

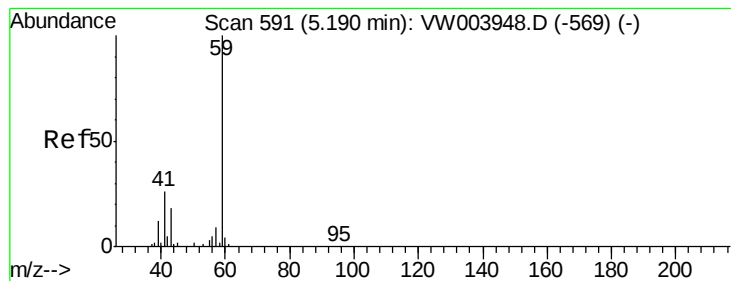
Delta R.T. -0.00 min

Lab File: VW004151.D

Acq: 23 Jul 2018 21:15

Tgt Ion:	142	Resp:	186970
Ion Ratio	Lower	Upper	
142	100		
127	43.7	35.4	53.2
141	14.5	11.7	17.5





#11

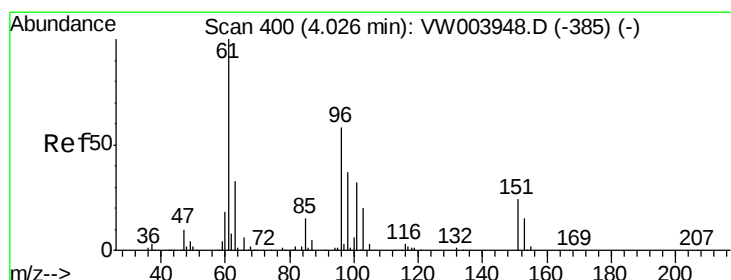
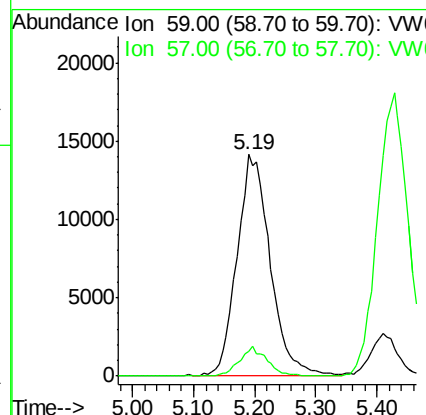
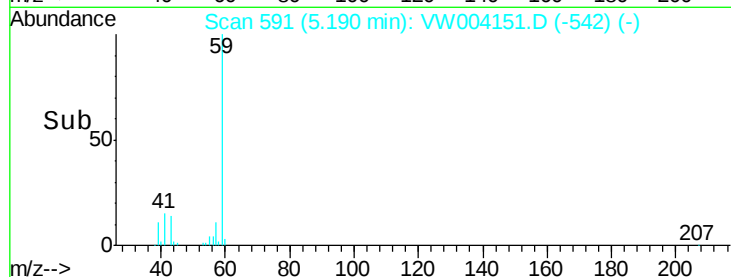
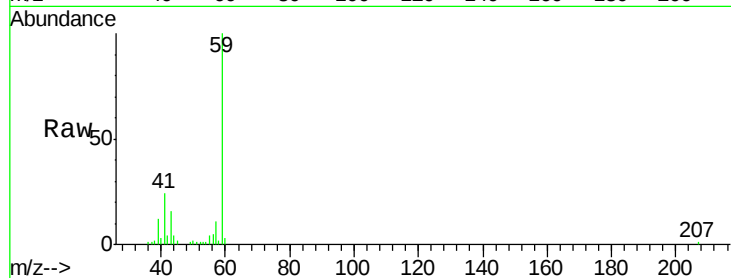
Tert butyl alcohol
 Concen: 268.45 ug/l
 RT: 5.19 min Scan# 591
 Delta R.T. -0.00 min
 Lab File: VW004151.D
 Acq: 23 Jul 2018 21:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	59.00 (58.70 to 59.70): VW	Resp	52450
Ion Ratio	Lower	Upper	
59	100		
57	11.3	8.5	12.7

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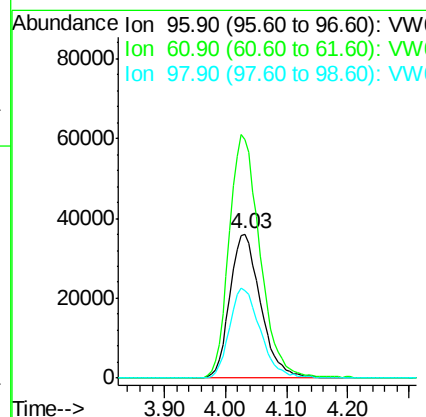
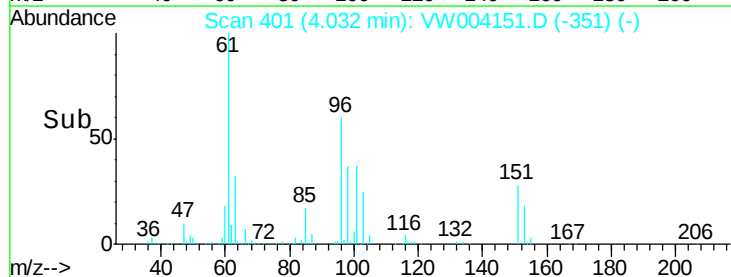
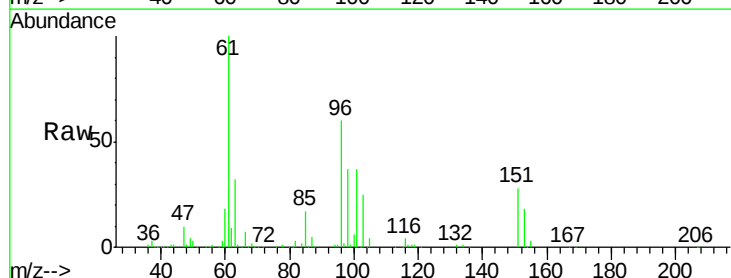
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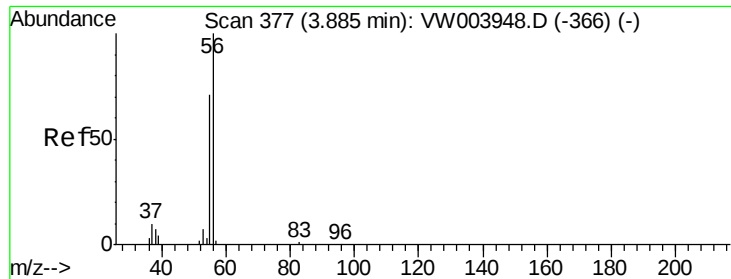


#12

1,1-Dichloroethene
 Concen: 51.12 ug/l
 RT: 4.03 min Scan# 401
 Delta R.T. 0.01 min
 Lab File: VW004151.D
 Acq: 23 Jul 2018 21:15

Tgt Ion	96	Resp	125797
Ion Ratio	Lower	Upper	
96	100		
61	165.9	137.0	205.6
98	60.9	50.2	75.4





#13

Acrolein

Concen: 286.94 ug/l

RT: 3.89 min Scan# 377

Delta R.T. -0.00 min

Lab File: VW004151.D

Acq: 23 Jul 2018 21:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 57605

Ion Ratio Lower Upper

56 100

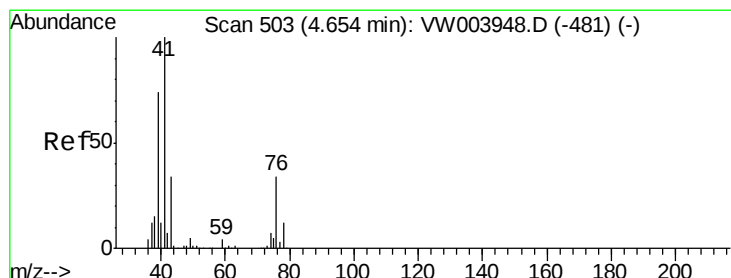
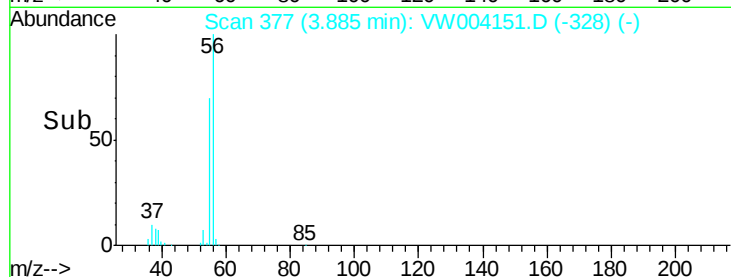
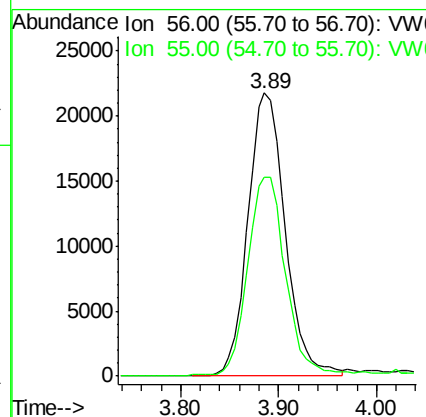
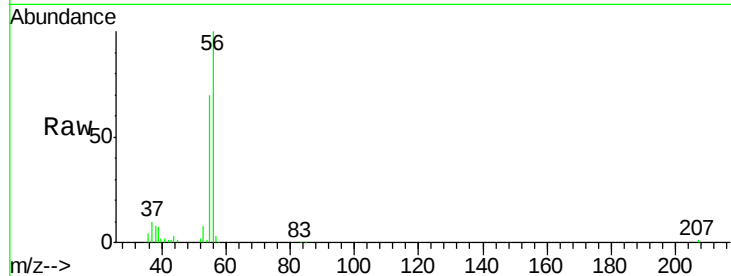
55 70.5 58.2 87.4

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#14

Allyl chloride

Concen: 53.47 ug/l

RT: 4.65 min Scan# 503

Delta R.T. -0.00 min

Lab File: VW004151.D

Acq: 23 Jul 2018 21:15

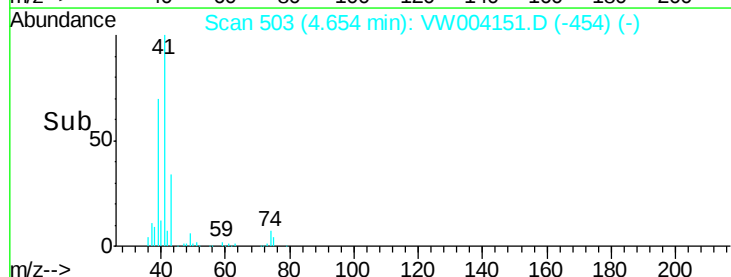
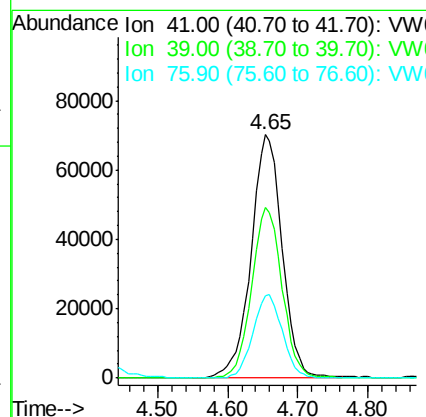
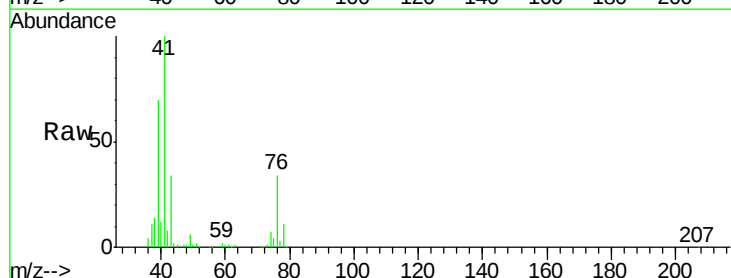
Tgt Ion: 41 Resp: 217189

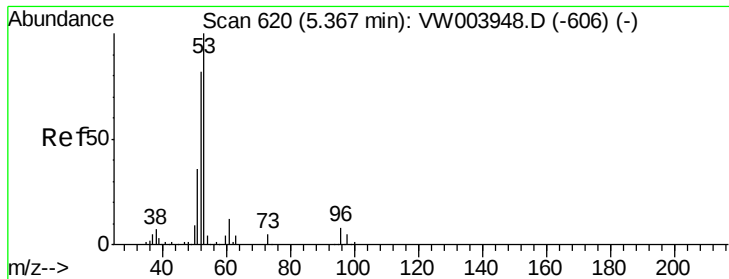
Ion Ratio Lower Upper

41 100

39 68.5 57.0 85.4

76 32.6 26.5 39.7





#15

Acrylonitrile

Concen: 288.50 ug/l

RT: 5.37 min Scan# 620

Delta R.T. -0.00 min

Lab File: VW004151.D

Acq: 23 Jul 2018 21:15

Instrument :

MSVOA_W

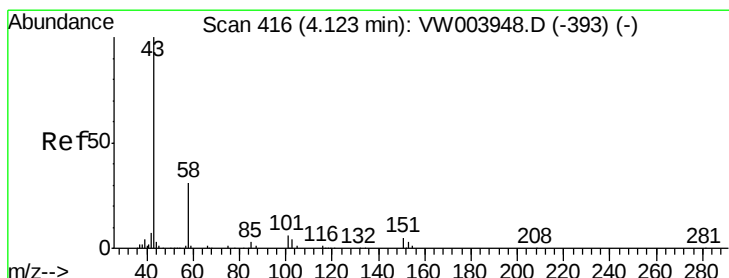
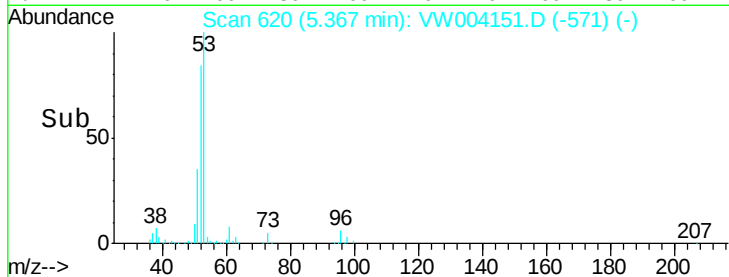
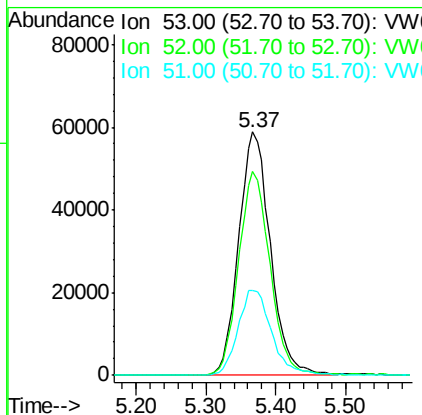
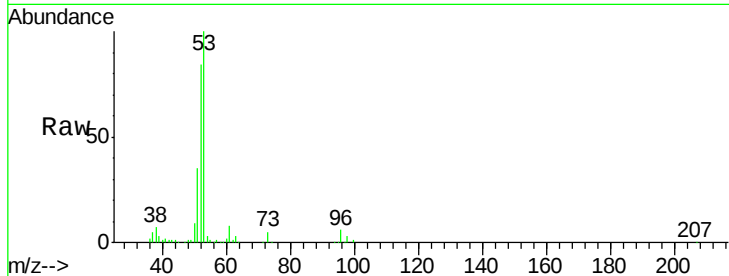
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	185457
Ion Ratio	Lower	Upper	
53	100		
52	83.0	66.1	99.1
51	37.2	29.8	44.6

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#16

Acetone

Concen: 223.37 ug/l

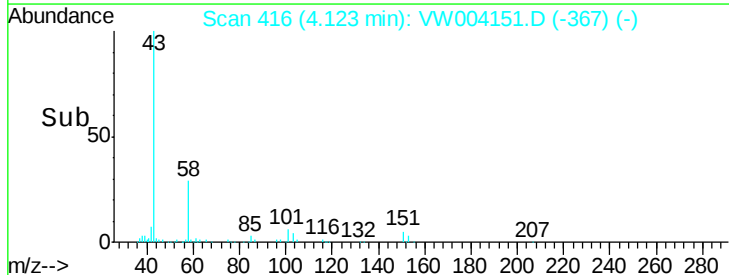
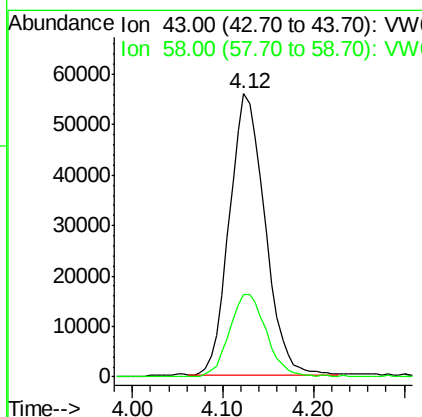
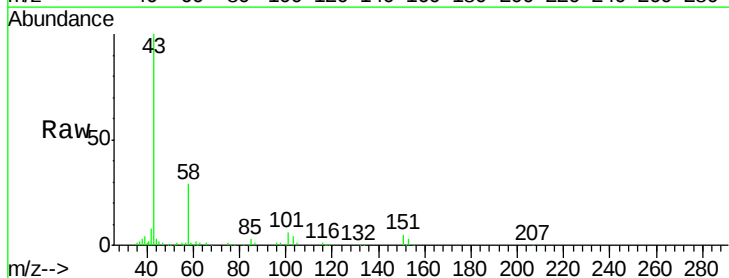
RT: 4.12 min Scan# 416

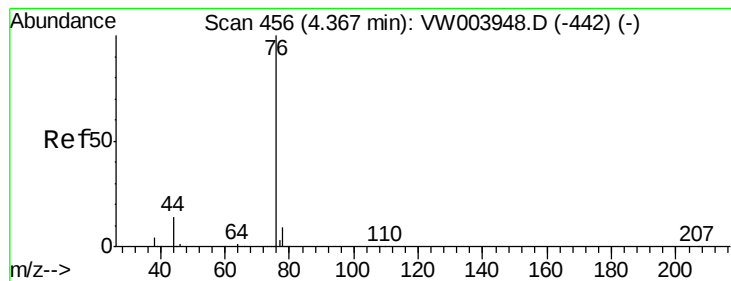
Delta R.T. -0.00 min

Lab File: VW004151.D

Acq: 23 Jul 2018 21:15

Tgt Ion:	43	Resp:	151918
Ion Ratio	Lower	Upper	
43	100		
58	28.9	24.5	36.7





#17

Carbon Disulfide

Concen: 50.20 ug/l

RT: 4.37 min Scan# 457

Delta R.T. 0.01 min

Lab File: VW004151.D

Acq: 23 Jul 2018 21:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 385583

Ion Ratio Lower Upper

76 100

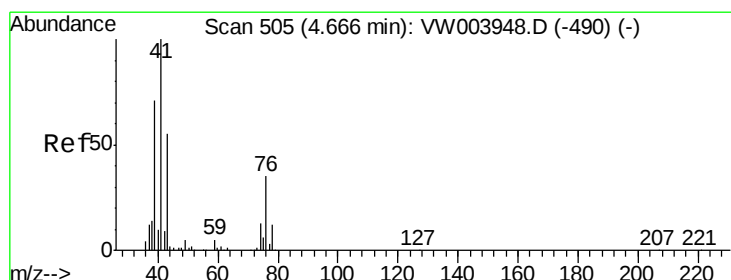
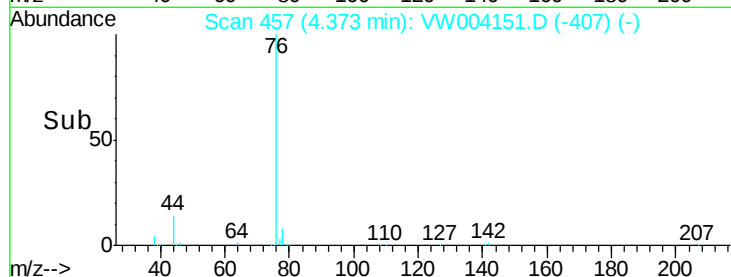
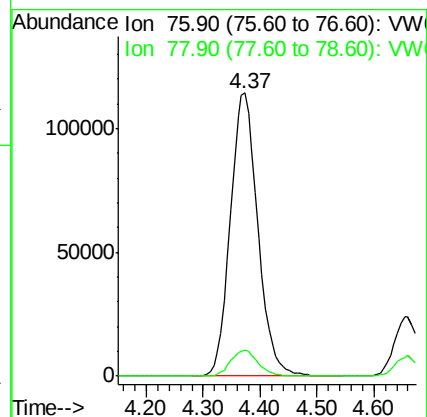
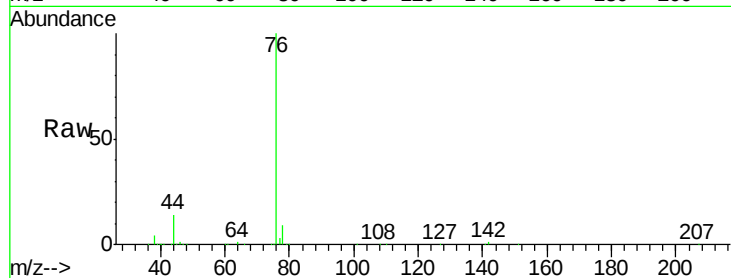
78 9.0 7.1 10.7

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#18

Methyl Acetate

Concen: 62.63 ug/l

RT: 4.67 min Scan# 505

Delta R.T. -0.00 min

Lab File: VW004151.D

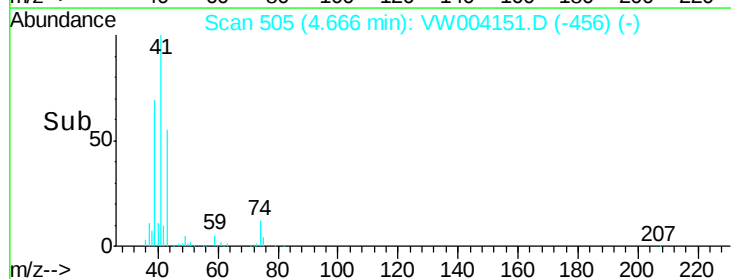
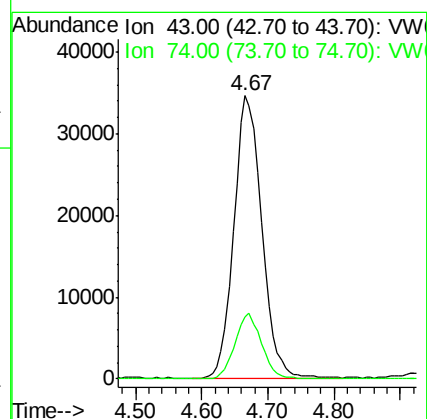
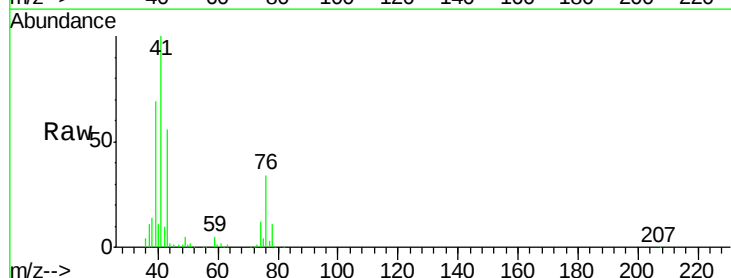
Acq: 23 Jul 2018 21:15

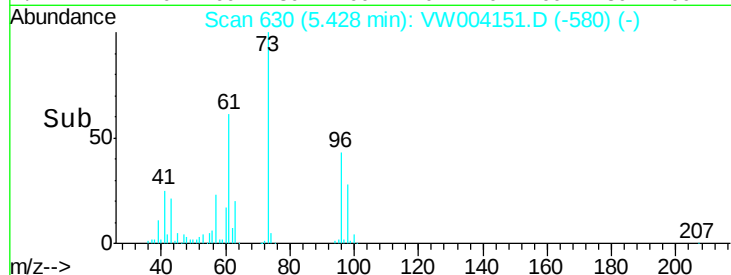
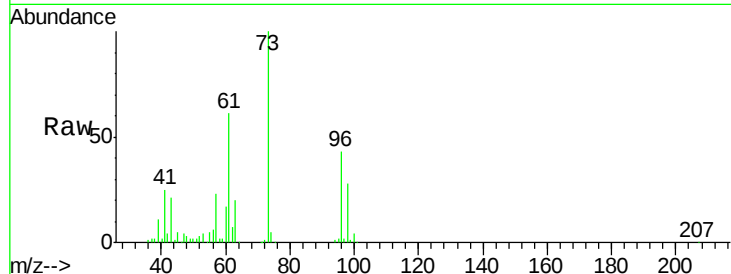
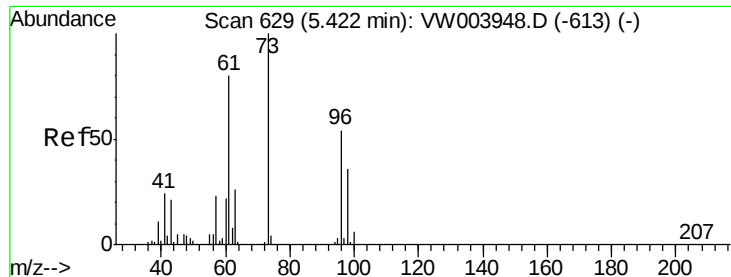
Tgt Ion: 43 Resp: 102245

Ion Ratio Lower Upper

43 100

74 21.9 17.7 26.5





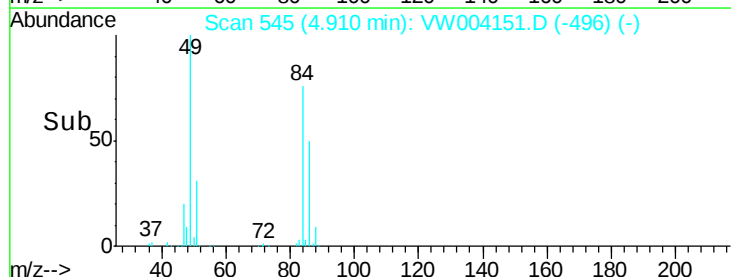
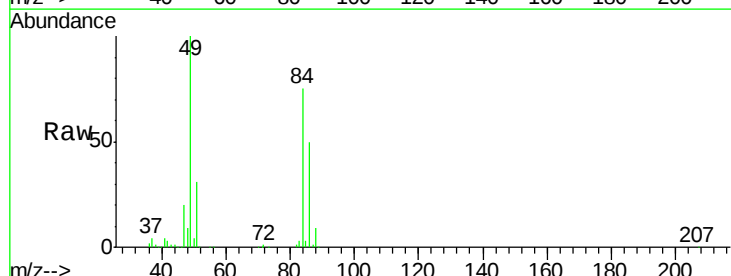
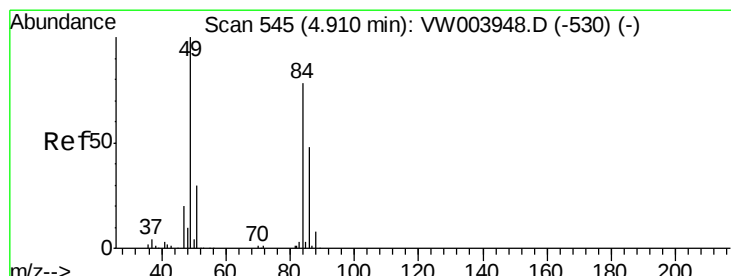
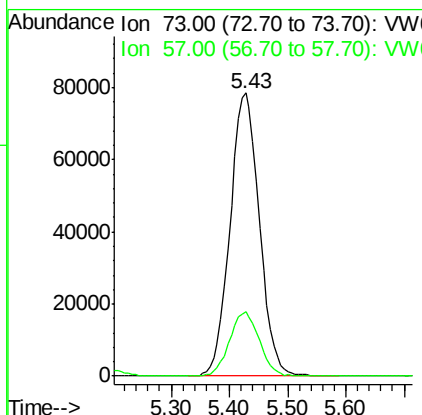
#19
Methvl tert-butvl Ether
Concen: 58.23 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.01 min
Lab File: VW004151.D
Acq: 23 Jul 2018 21:15

Tot Ion: 73 Resp: 274636
Ion Ratio Lower Upper
73 100
57 23.0 18.2 27.4

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

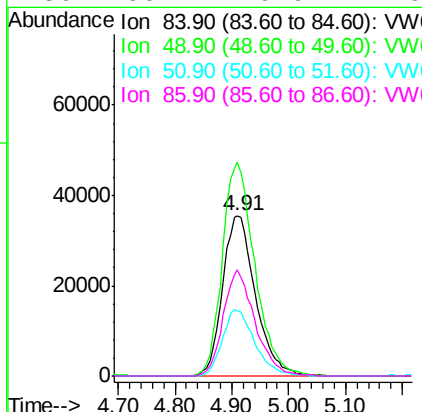
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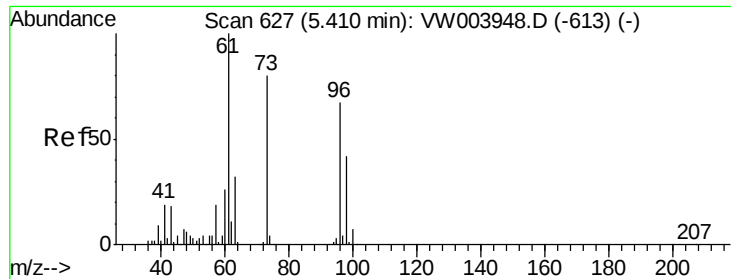
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#20
Methylene Chloride
Concen: 46.97 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW004151.D
Acq: 23 Jul 2018 21:15

Tgt Ion: 84 Resp: 142468
Ion Ratio Lower Upper
84 100
49 133.0 102.9 154.3
51 40.7 30.9 46.3
86 66.2 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 52.08 ug/l

RT: 5.41 min Scan# 627

Delta R.T. -0.00 min

Lab File: VW004151.D

Acq: 23 Jul 2018 21:15

Instrument :

MSVOA_W

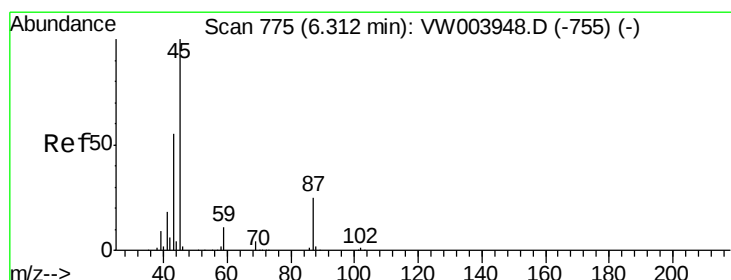
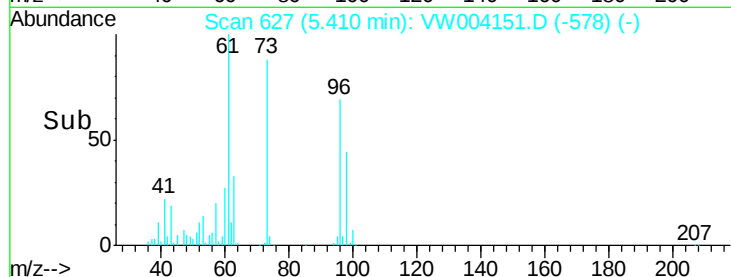
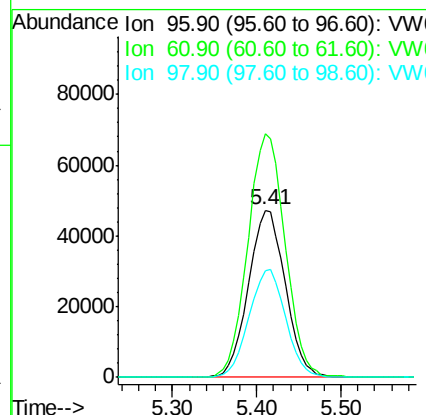
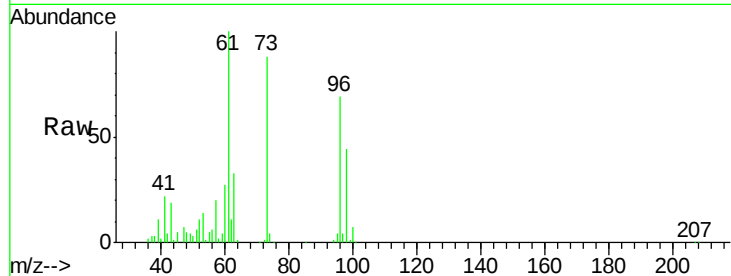
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	140487
Ion	Ratio	Lower	Upper
96	100		
61	145.4	119.0	178.4
98	63.4	49.9	74.9

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#22

Diisopropyl ether

Concen: 56.79 ug/l

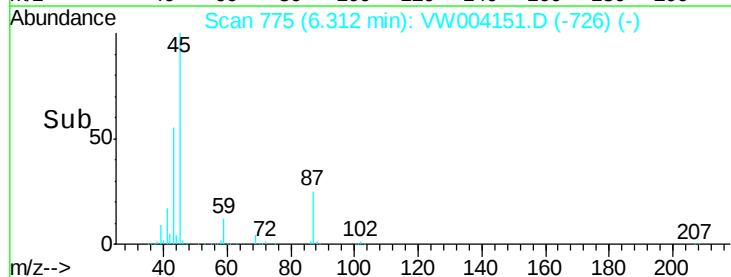
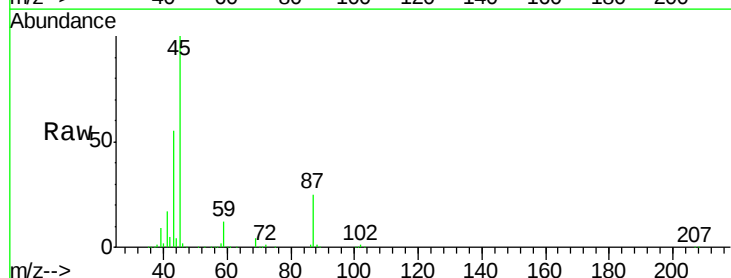
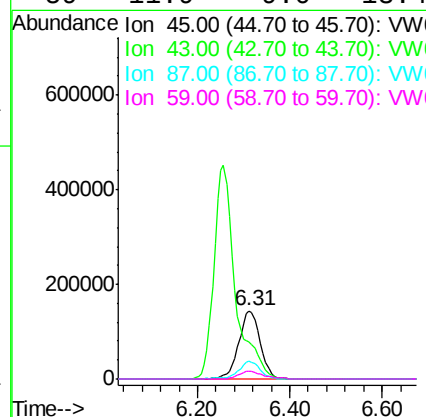
RT: 6.31 min Scan# 775

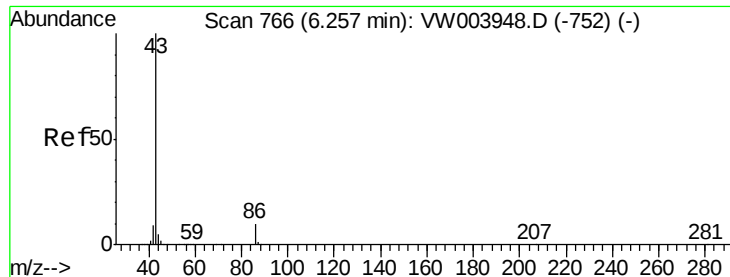
Delta R.T. -0.00 min

Lab File: VW004151.D

Acq: 23 Jul 2018 21:15

Tgt Ion:	45	Resp:	466214
Ion	Ratio	Lower	Upper
45	100		
43	55.2	44.3	66.5
87	25.4	20.2	30.4
59	11.9	9.0	13.4





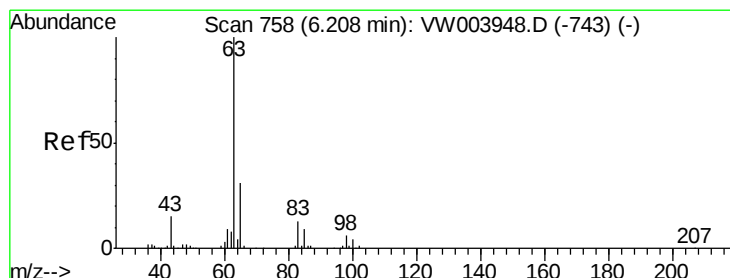
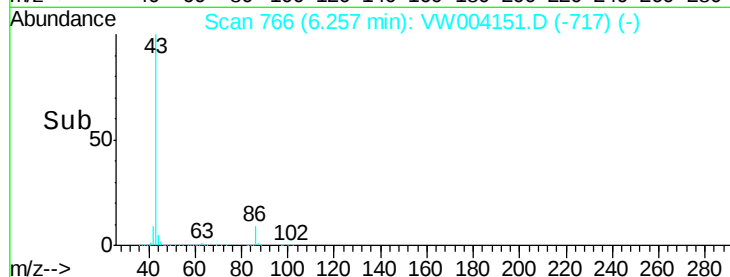
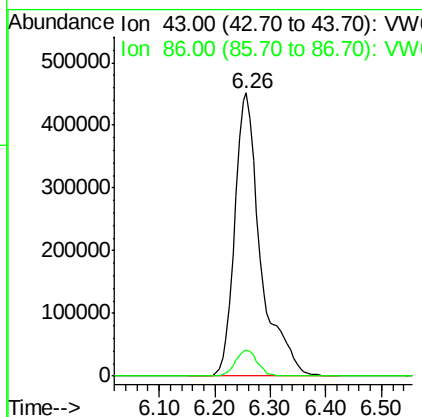
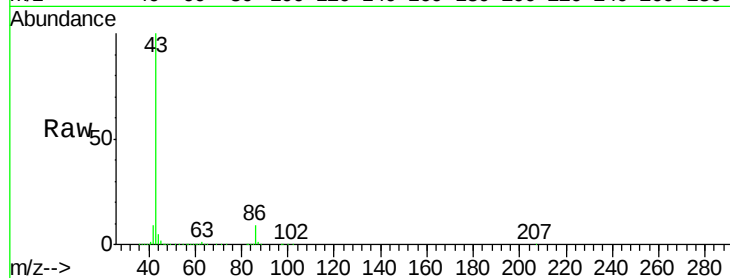
#23
 Vinyl Acetate
 Concen: 279.36 ug/l
 RT: 6.26 min Scan# 766
 Delta R.T. -0.00 min
 Lab File: VW004151.D
 Acq: 23 Jul 2018 21:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1452997
 Ion Ratio Lower Upper
 43 100
 86 9.1 7.6 11.4

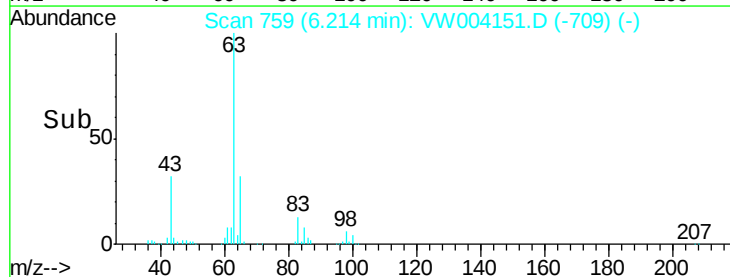
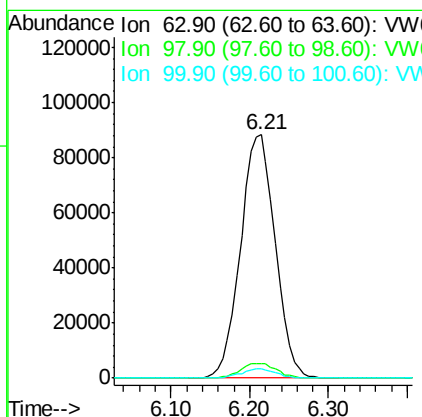
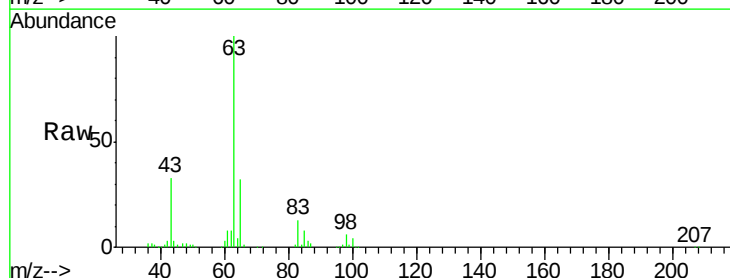
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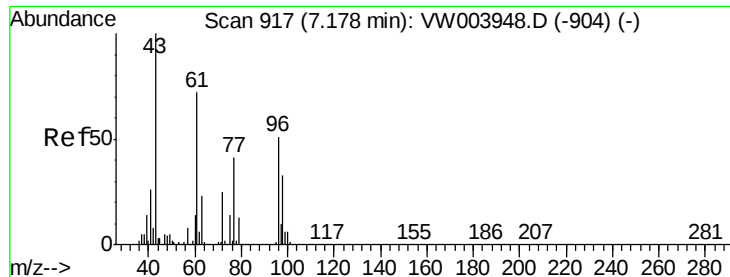
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#24
 1,1-Dichloroethane
 Concen: 53.86 ug/l
 RT: 6.21 min Scan# 759
 Delta R.T. 0.01 min
 Lab File: VW004151.D
 Acq: 23 Jul 2018 21:15

Tgt Ion: 63 Resp: 269760
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.1 9.4
 100 4.1 2.1 6.5





#25

2-Butanone

Concen: 274.91 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.00 min

Lab File: VW004151.D

Acq: 23 Jul 2018 21:15

Tot Ion: 43 Resp: 251608

Ion Ratio Lower Upper

43 100

72 24.5 19.8 29.6

Instrument :

MSVOA_W

ClientSampleId :

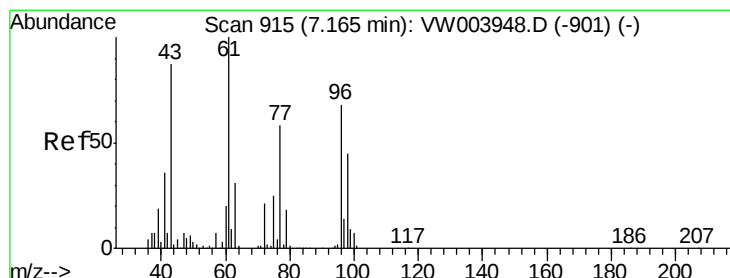
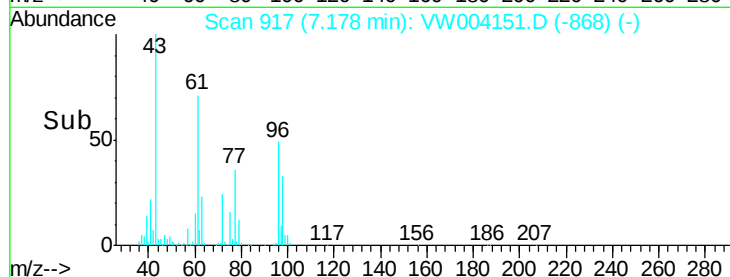
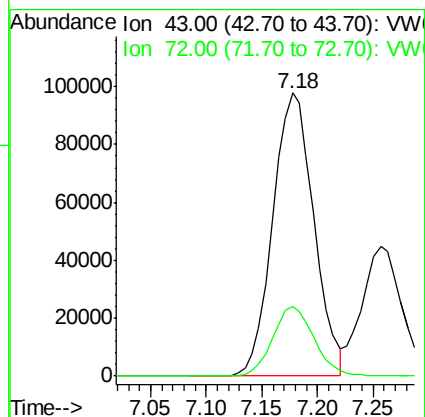
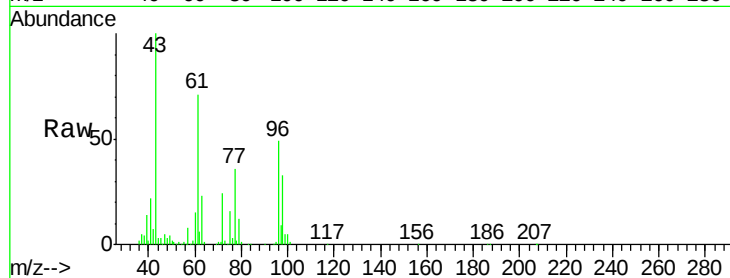
VSTDCCC050EC

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#26

2,2-Dichloropropane

Concen: 44.80 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW004151.D

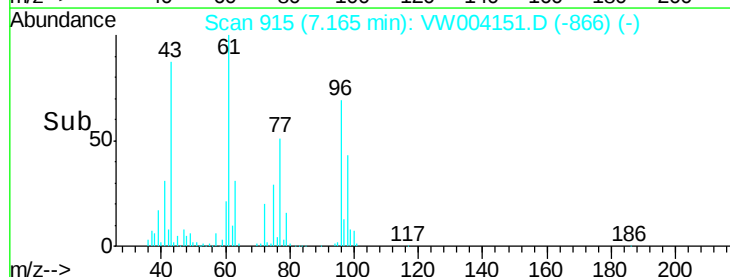
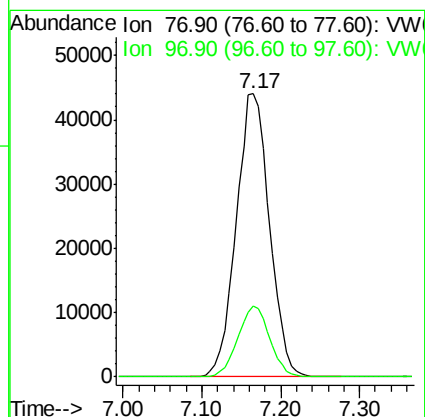
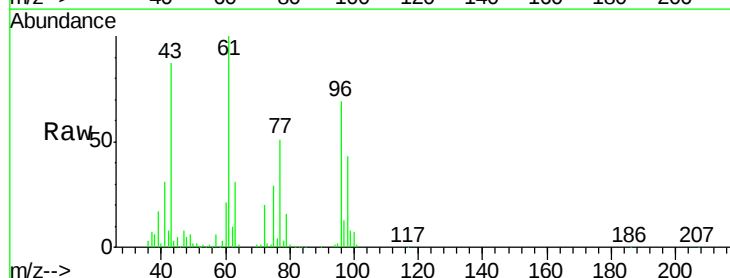
Acq: 23 Jul 2018 21:15

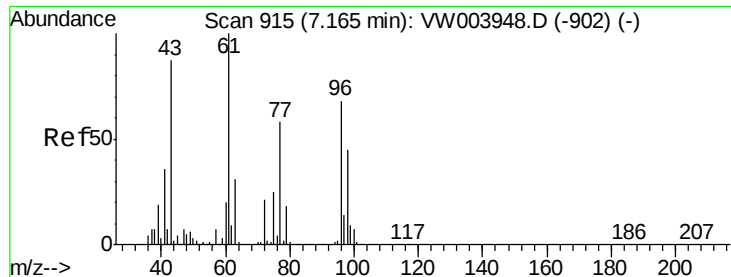
Tgt Ion: 77 Resp: 128800

Ion Ratio Lower Upper

77 100

97 24.0 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 52.69 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW004151.D

Acq: 23 Jul 2018 21:15

Instrument :

MSVOA_W

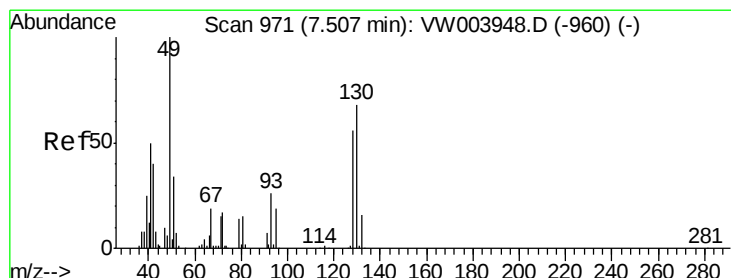
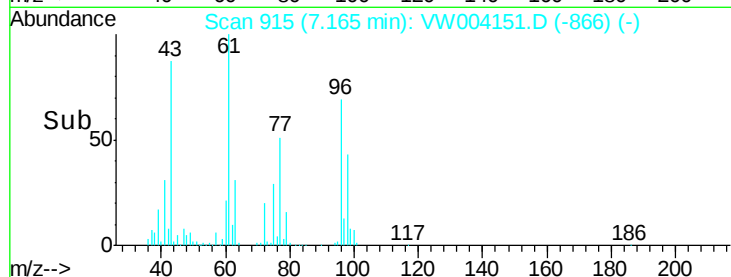
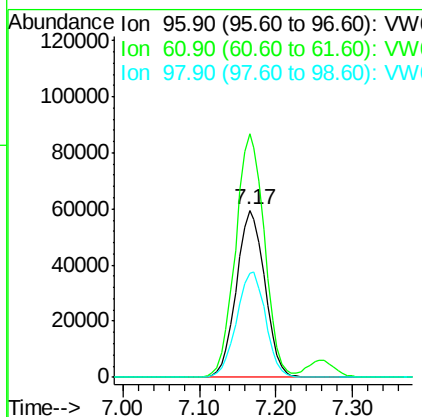
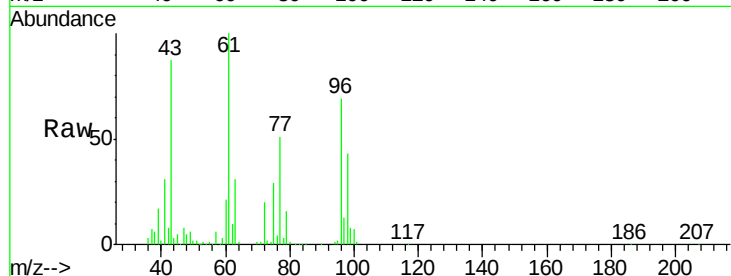
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	153632
Ion Ratio	Lower	Upper	
96	100		
61	147.9	0.0	298.6
98	64.2	0.0	130.4

Manual Integrations
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#28

Bromochloromethane

Concen: 51.71 ug/l

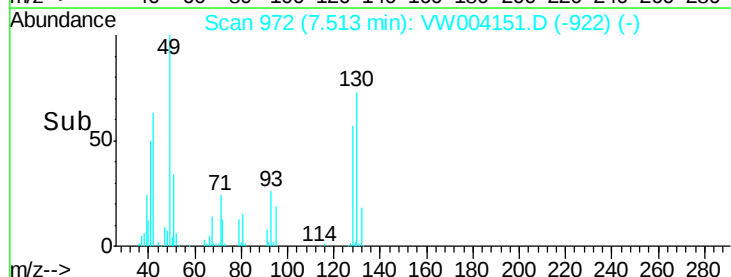
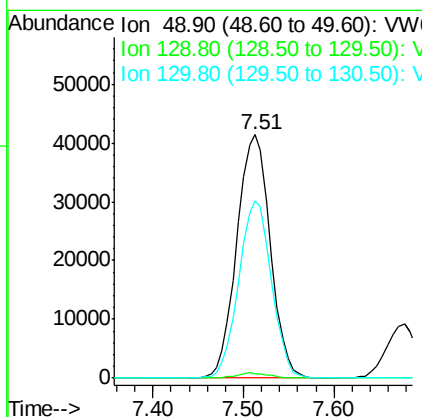
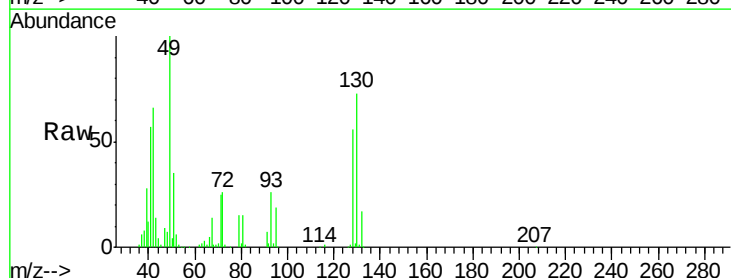
RT: 7.51 min Scan# 972

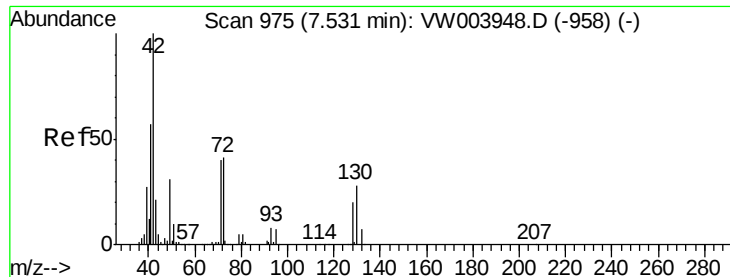
Delta R.T. 0.01 min

Lab File: VW004151.D

Acq: 23 Jul 2018 21:15

Tgt Ion:	49	Resp:	105994
Ion Ratio	Lower	Upper	
49	100		
129	2.1	0.0	2.2
130	71.3	58.3	87.5





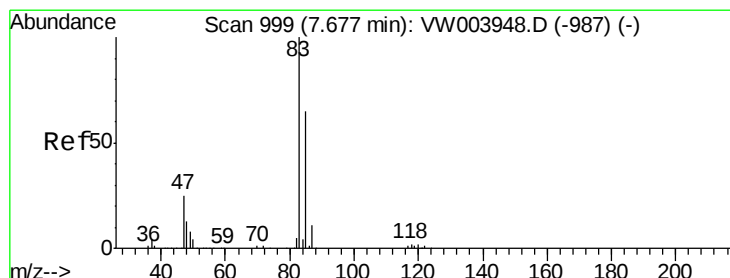
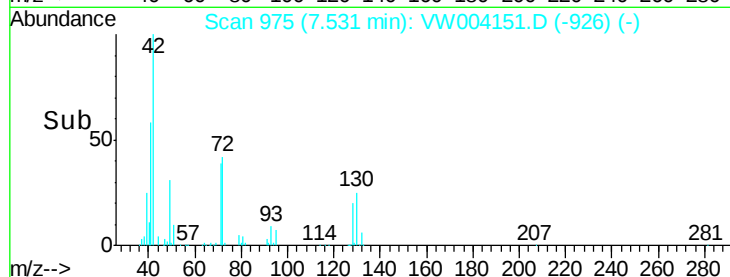
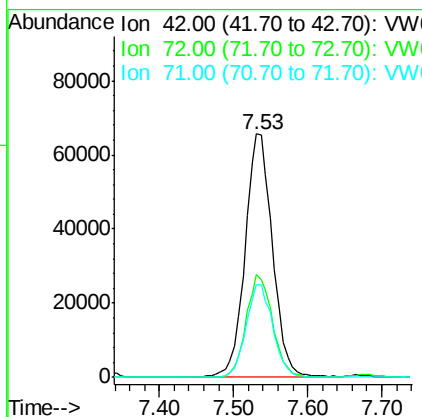
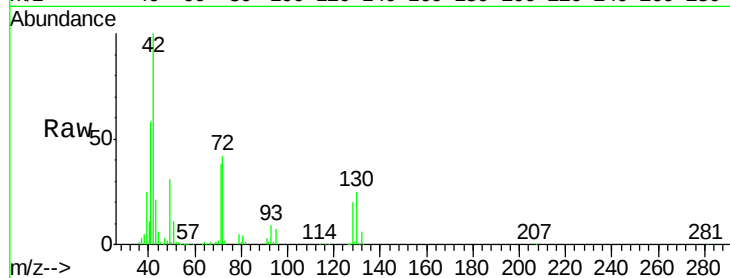
#29
Tetrahydrofuran
Concen: 295.58 ug/l
RT: 7.53 min Scan# 975
Delta R.T. -0.00 min
Lab File: VW004151.D
Acq: 23 Jul 2018 21:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.8	32.6	48.8
71	37.5	30.5	45.7

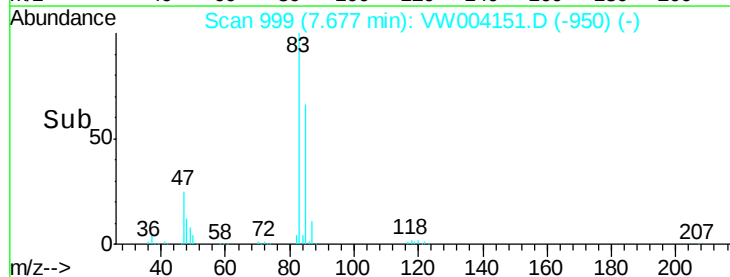
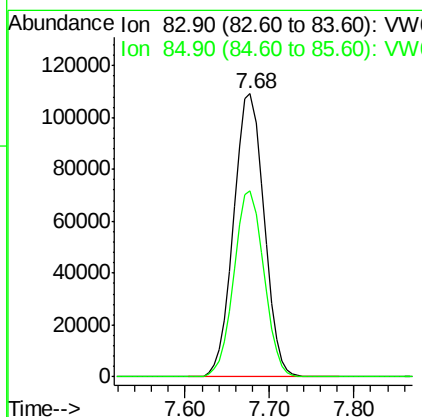
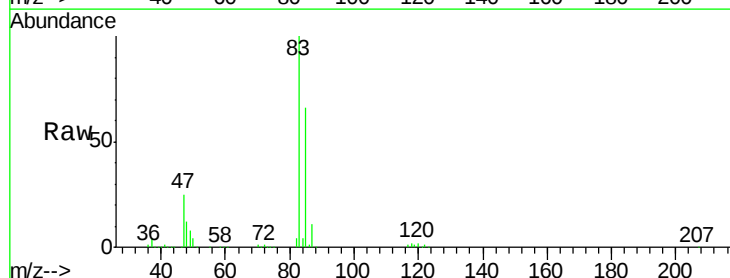
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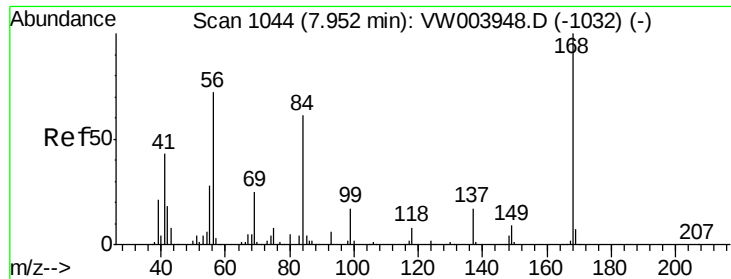
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#30
Chloroform
Concen: 53.47 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW004151.D
Acq: 23 Jul 2018 21:15

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	52.2	78.4





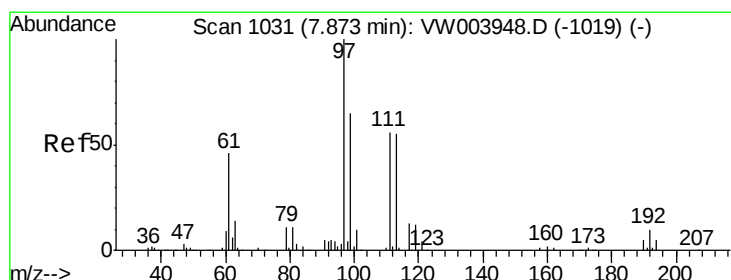
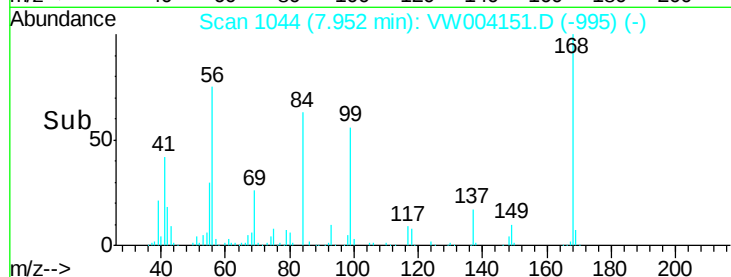
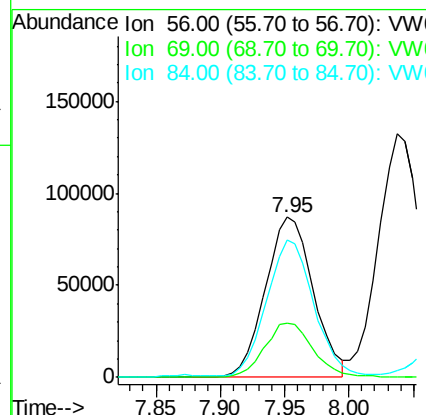
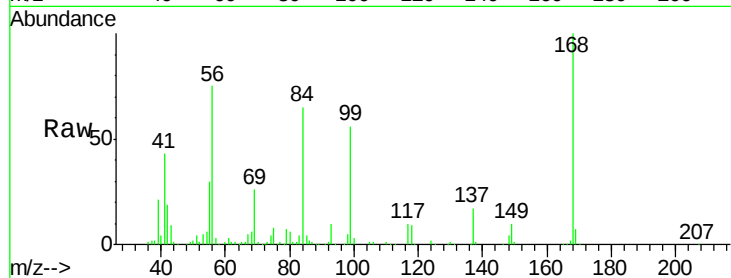
#31
Cyclohexane
Concen: 47.76 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VW004151.D
Acq: 23 Jul 2018 21:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.2	27.8	41.8
84	84.4	67.2	100.8

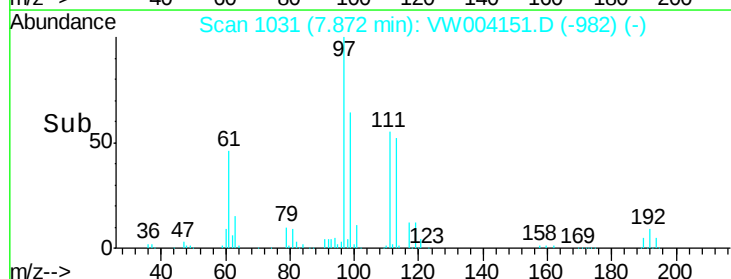
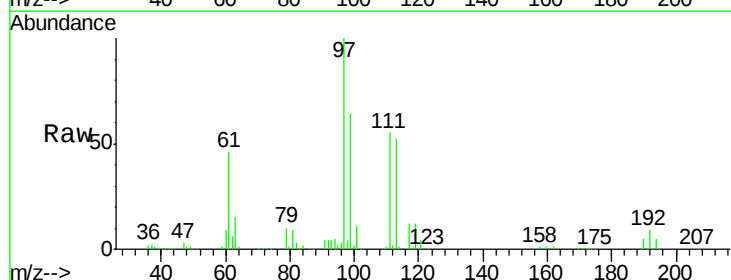
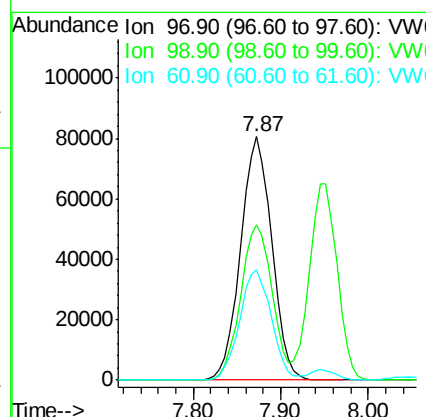
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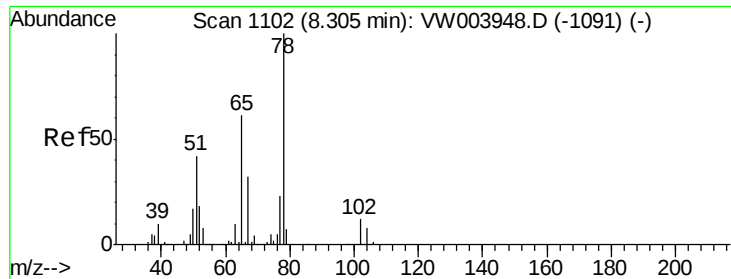
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#32
1,1,1-Trichloroethane
Concen: 51.24 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VW004151.D
Acq: 23 Jul 2018 21:15

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.3	76.9
61	46.1	36.8	55.2





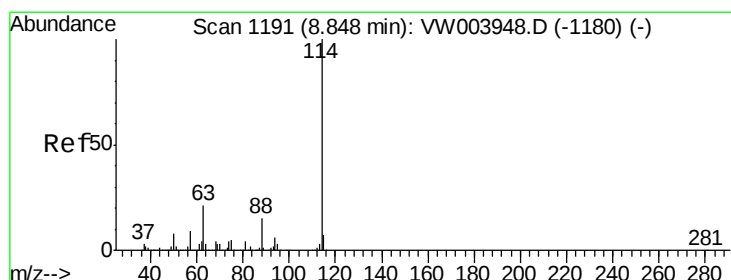
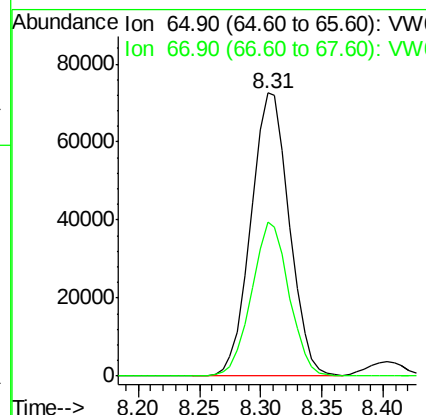
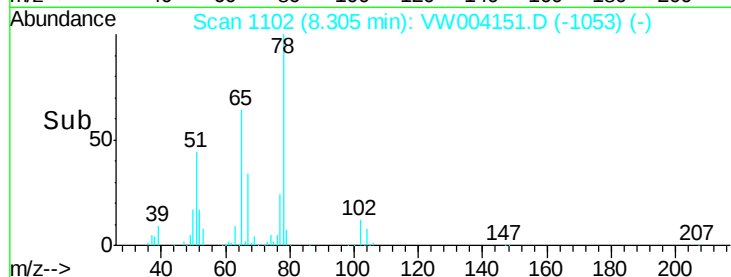
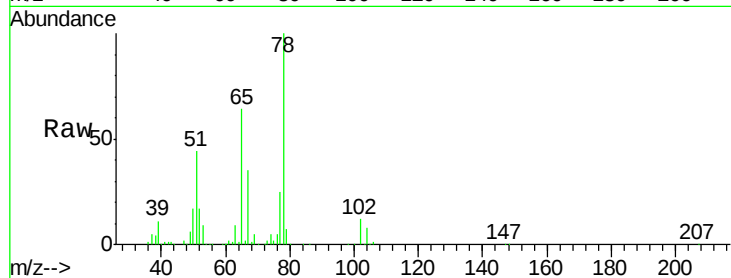
#33
 1,2-Dichloroethane-d4
 Concen: 55.99 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW004151.D
 Acq: 23 Jul 2018 21:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	158454		
67	53.0	0.0	0.0	105.0

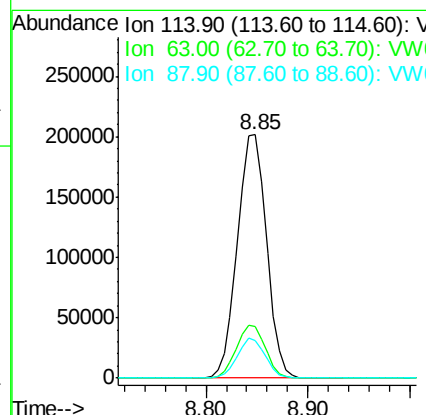
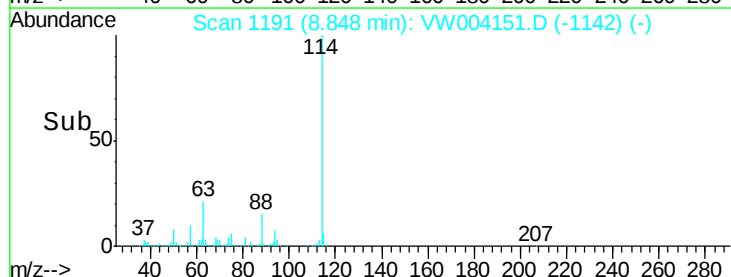
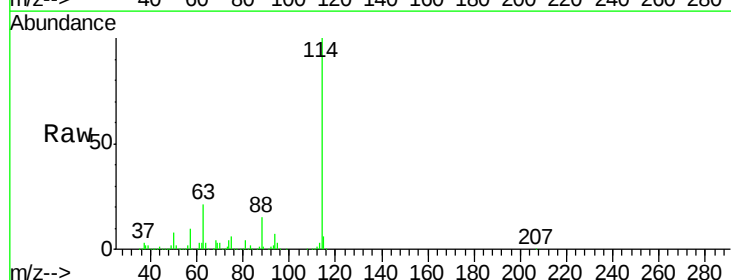
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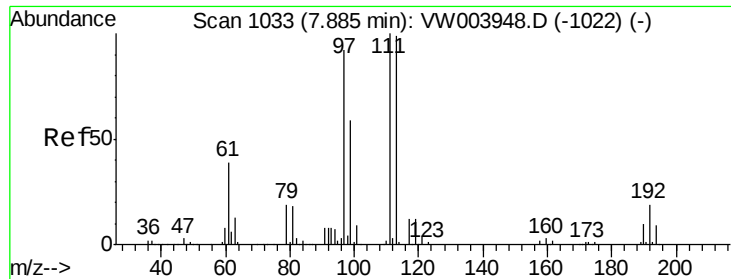
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004151.D
 Acq: 23 Jul 2018 21:15

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	399428		
63	21.0	0.0	0.0	42.8
88	15.2	0.0	0.0	30.4





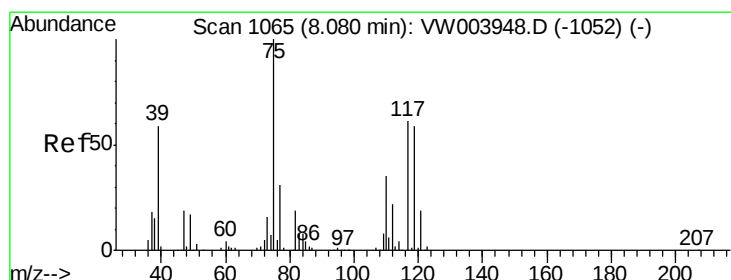
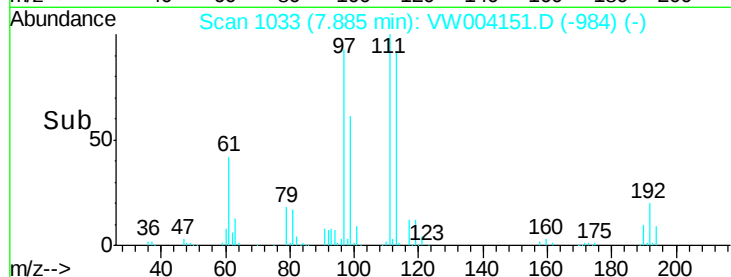
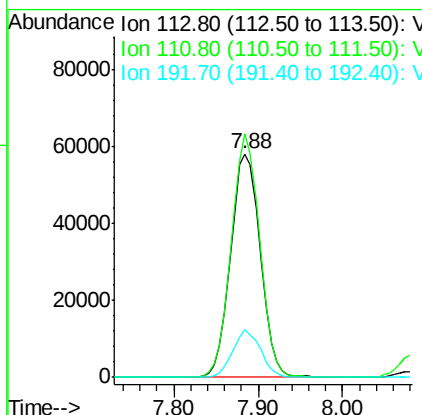
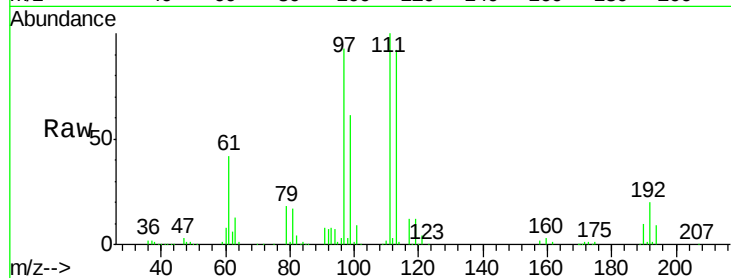
#35
 Dibromofluoromethane
 Concen: 53.95 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW004151.D
 Acq: 23 Jul 2018 21:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	138272		
111	104.2	81.3	121.9	
192	20.0	15.8	23.6	

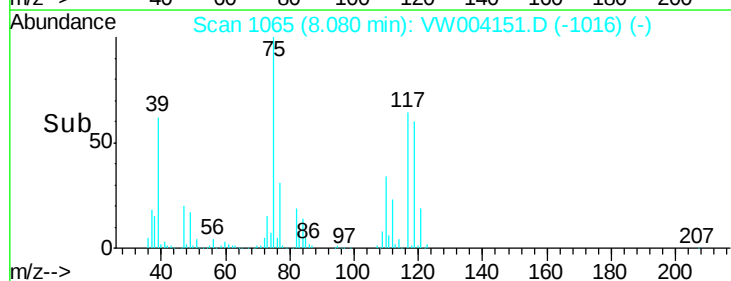
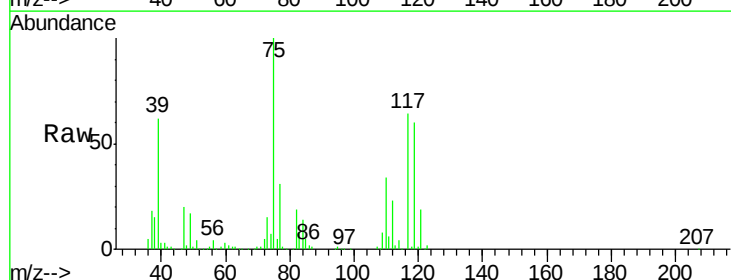
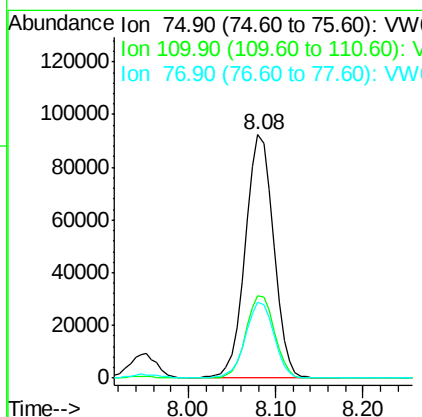
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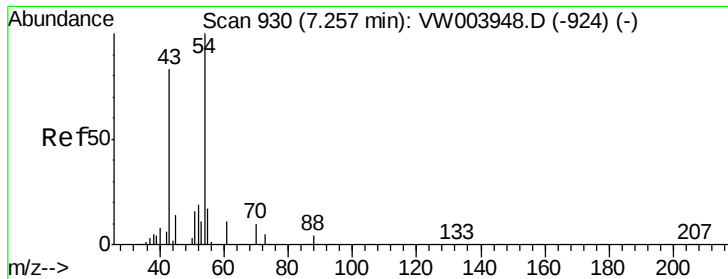
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#36
 1,1-Dichloropropene
 Concen: 50.59 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: VW004151.D
 Acq: 23 Jul 2018 21:15

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	207890		
110	34.1	17.0	51.0	
77	31.5	24.9	37.3	





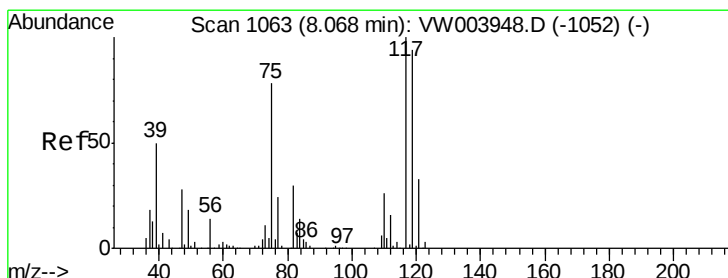
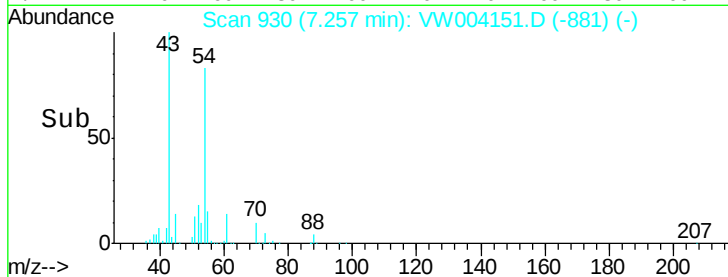
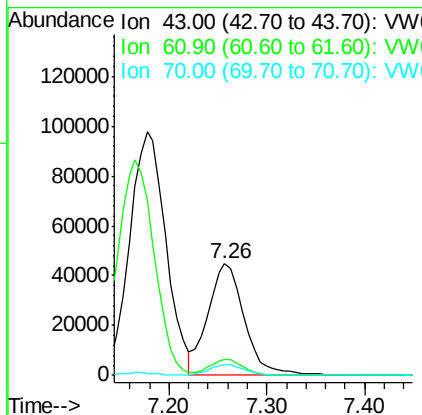
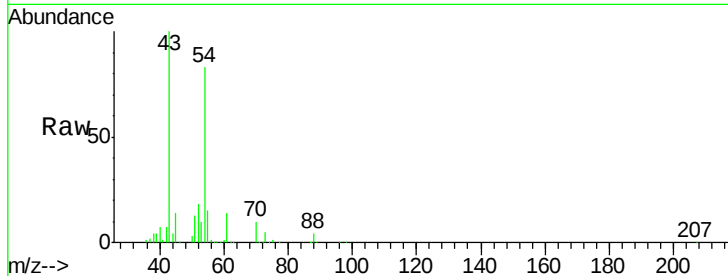
#37
Ethyl Acetate
Concen: 57.87 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.00 min
Lab File: VW004151.D
Acq: 23 Jul 2018 21:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.7	16.1
70	9.5	7.7	11.5

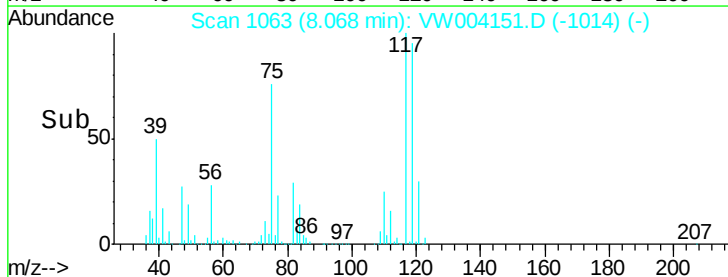
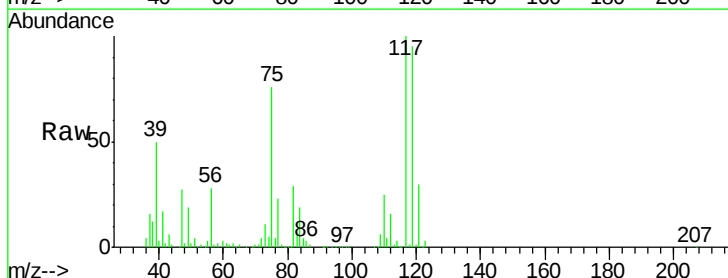
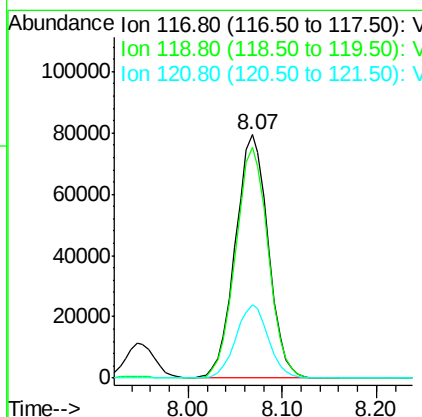
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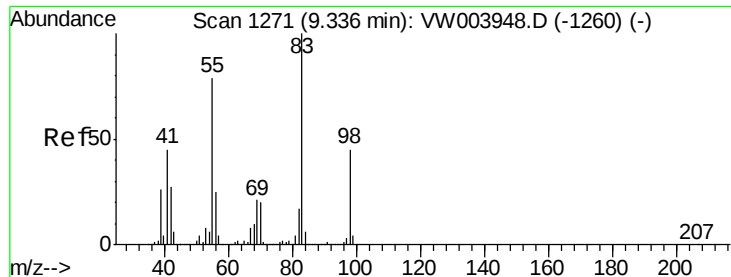
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#38
Carbon Tetrachloride
Concen: 50.30 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VW004151.D
Acq: 23 Jul 2018 21:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	75.3	112.9
121	30.2	26.0	39.0





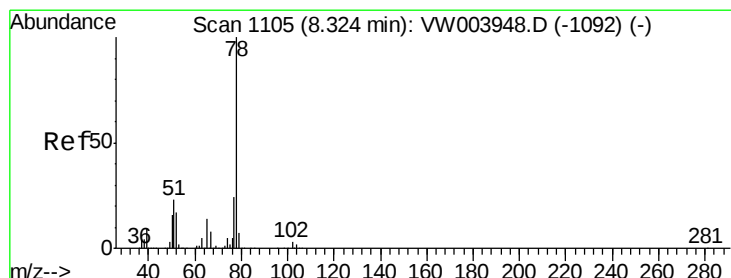
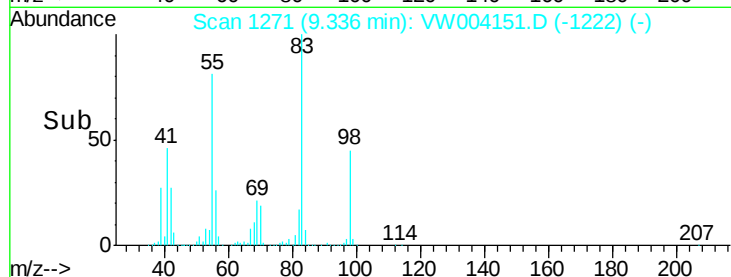
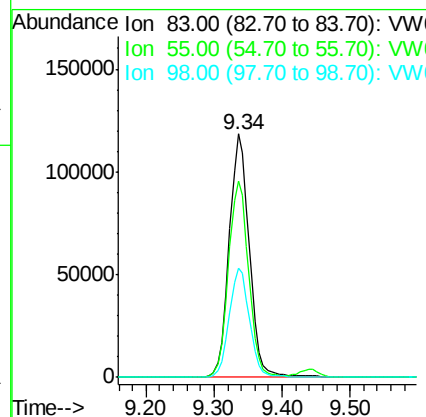
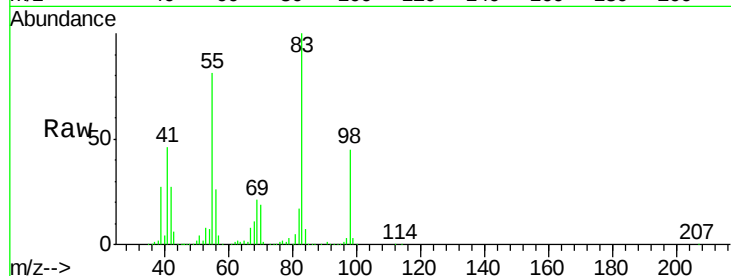
#39
Methvlcvclohexane
Concen: 50.49 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW004151.D
Acq: 23 Jul 2018 21:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.6	62.8	94.2
98	45.0	36.2	54.4

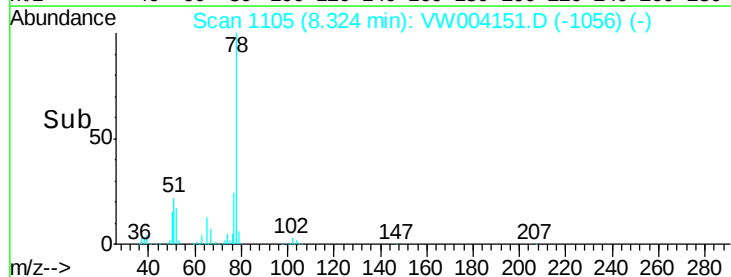
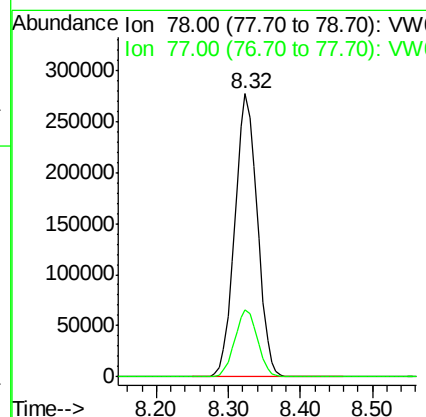
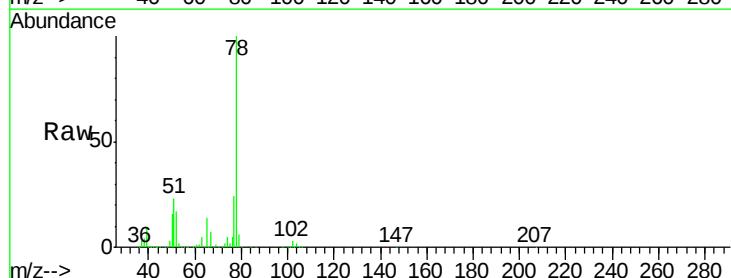
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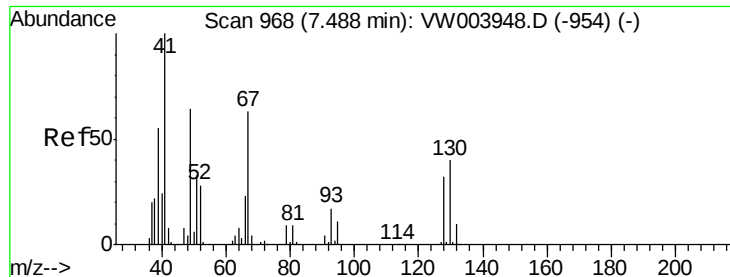
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#40
Benzene
Concen: 52.89 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW004151.D
Acq: 23 Jul 2018 21:15

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.5	29.3





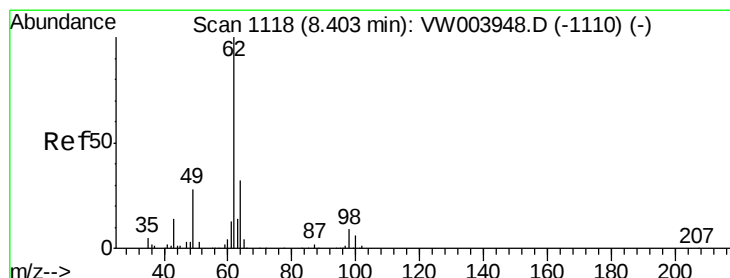
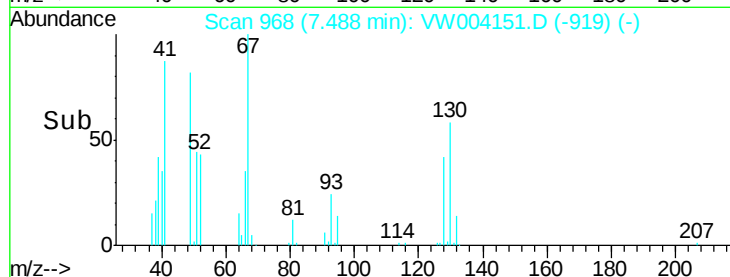
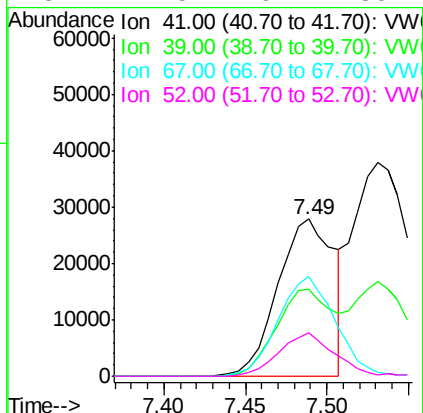
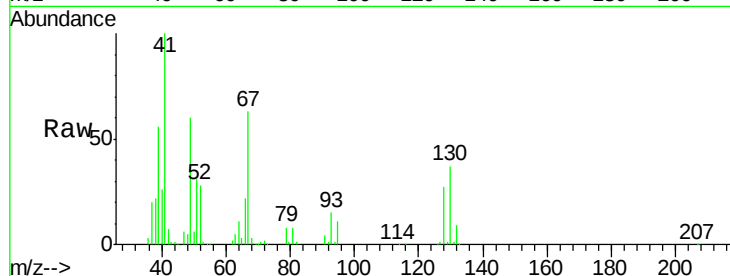
#41
Methacrylonitrile
Concen: 60.72 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.00 min
Lab File: VW004151.D
Acq: 23 Jul 2018 21:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		66695		
39	55.6	50.0	75.0		
67	65.1	60.8	91.2		
52	27.5	26.2	39.4		

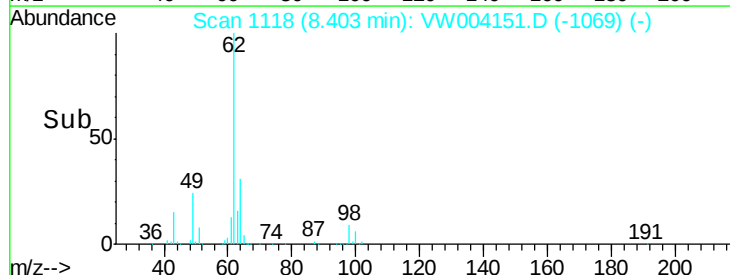
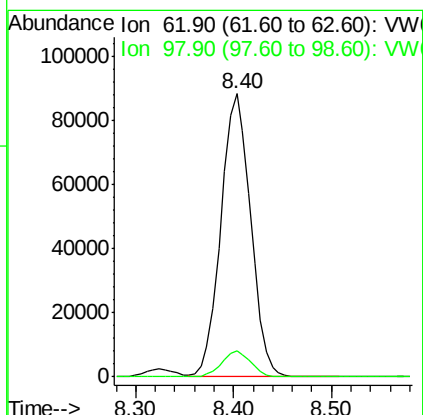
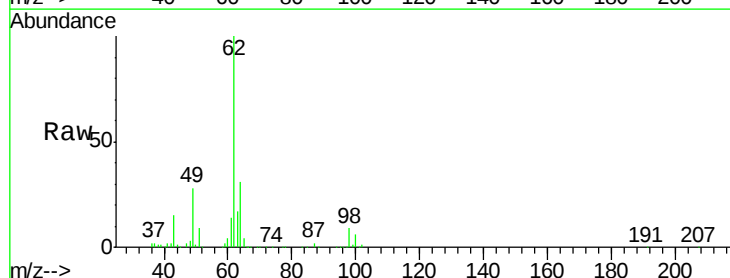
Manual Integrations
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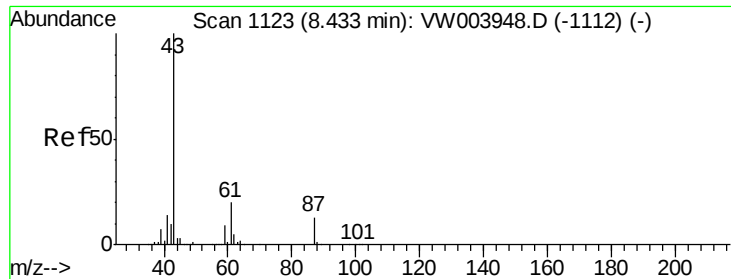
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#42
1,2-Dichloroethane
Concen: 53.69 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW004151.D
Acq: 23 Jul 2018 21:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		186754		
98	8.9	0.0	17.4		





#43

Isopropyl Acetate

Concen: 56.34 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VW004151.D

Acq: 23 Jul 2018 21:15

Instrument :

MSVOA_W

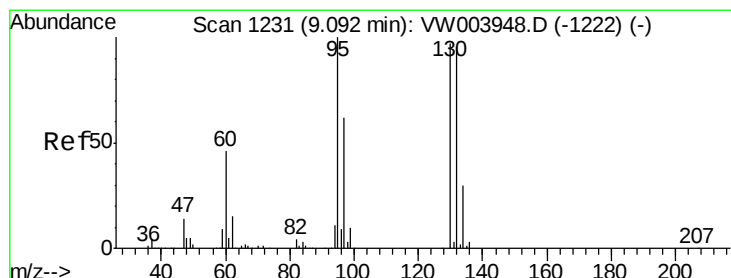
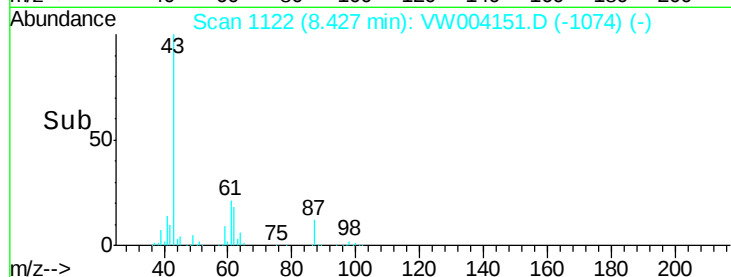
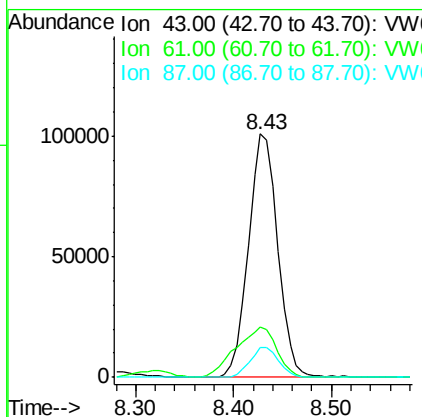
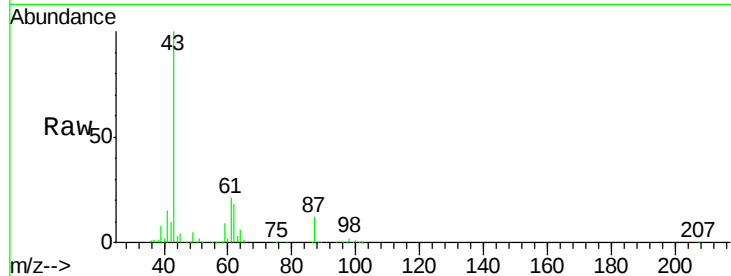
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	208885
Ion	Ratio	Lower	Upper
43	100		
61	28.8	23.0	34.6
87	12.1	9.9	14.9

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#44

Trichloroethene

Concen: 51.14 ug/l

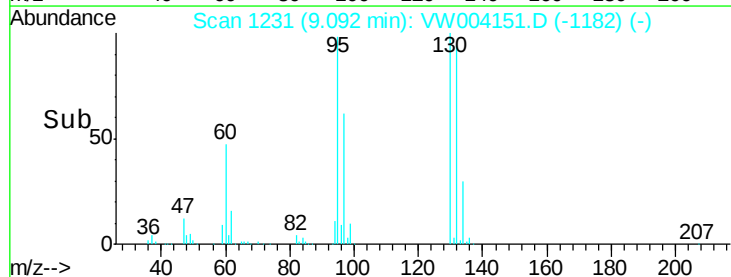
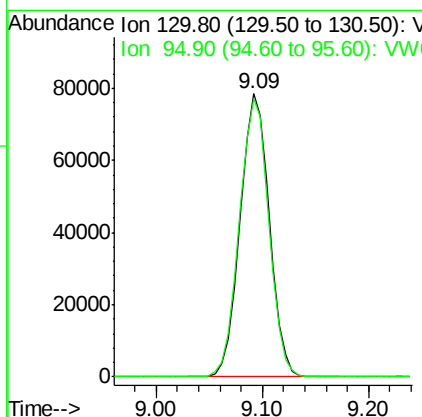
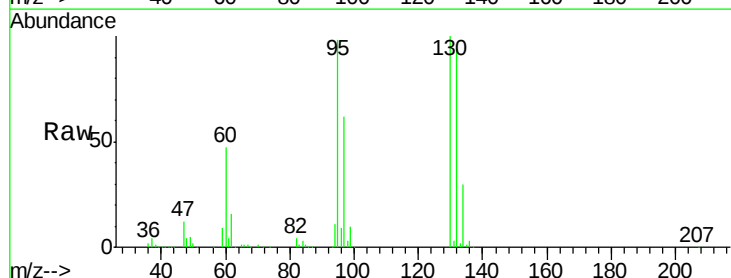
RT: 9.09 min Scan# 1231

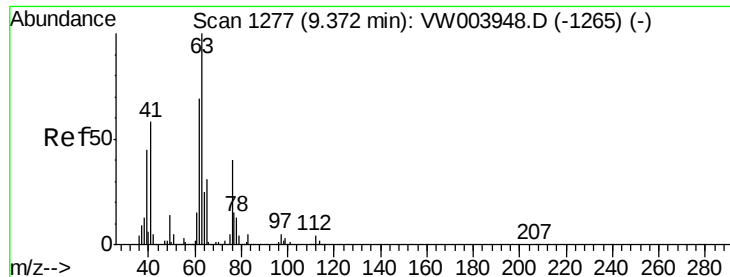
Delta R.T. -0.00 min

Lab File: VW004151.D

Acq: 23 Jul 2018 21:15

Tgt Ion:	130	Resp:	151137
Ion	Ratio	Lower	Upper
130	100		
95	98.5	0.0	206.8





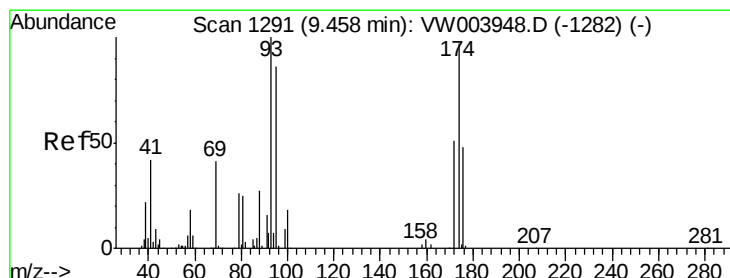
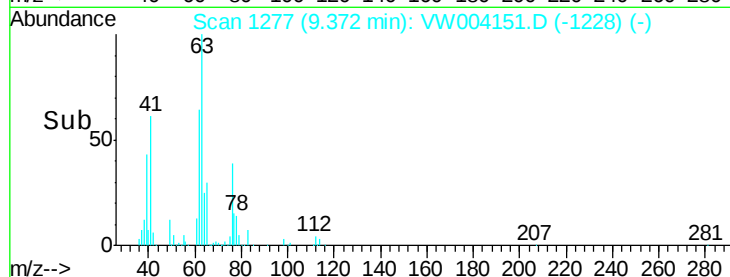
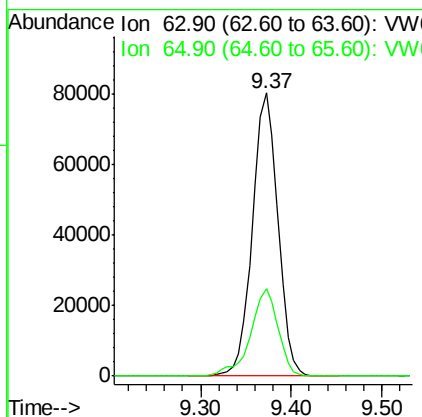
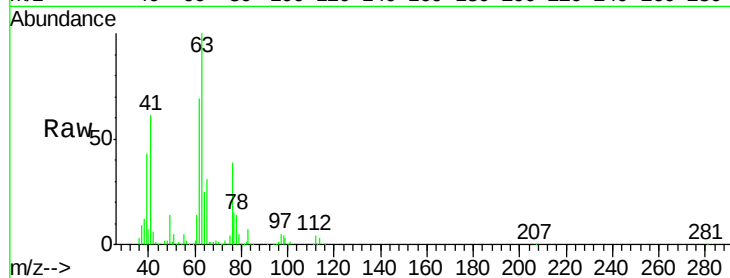
#45
 1,2-Dichloropropane
 Concen: 53.80 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW004151.D
 Acq: 23 Jul 2018 21:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.8	24.8	37.2

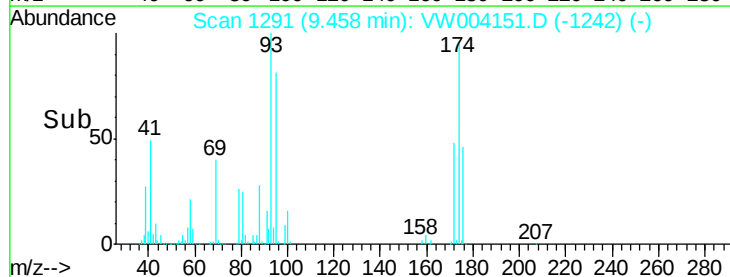
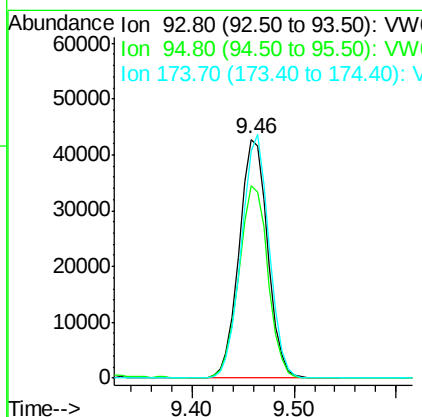
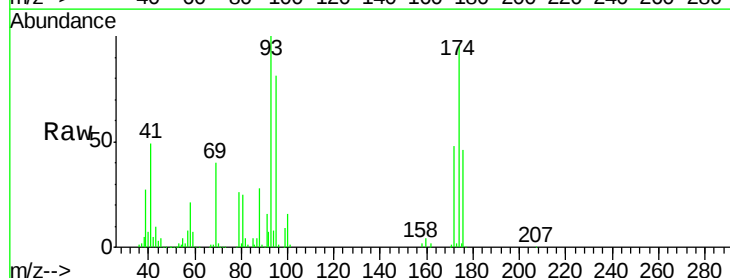
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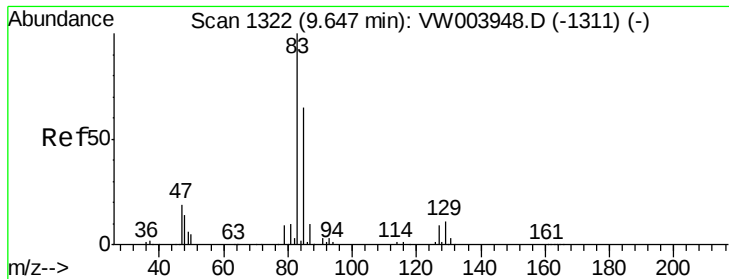
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#46
 Dibromomethane
 Concen: 54.84 ug/l
 RT: 9.46 min Scan# 1291
 Delta R.T. -0.00 min
 Lab File: VW004151.D
 Acq: 23 Jul 2018 21:15

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.1	66.9	100.3
174	99.4	80.2	120.2





#47

Bromodichloromethane

Concen: 53.32 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW004151.D

Acq: 23 Jul 2018 21:15

Instrument :

MSVOA_W

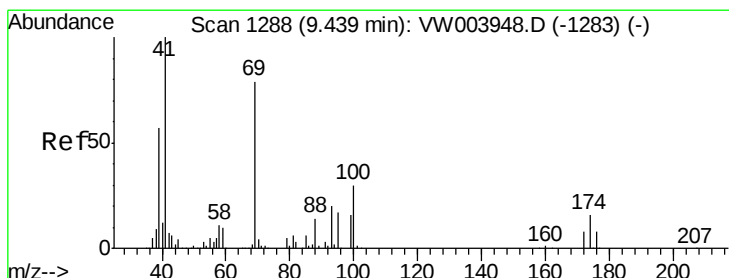
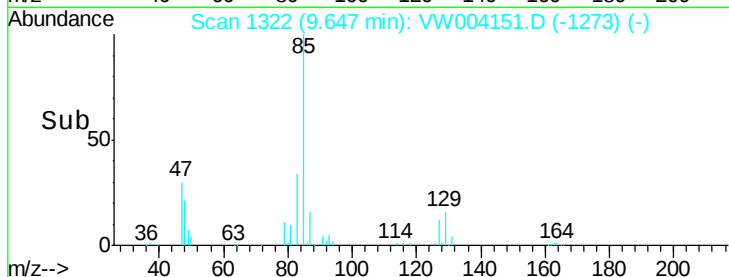
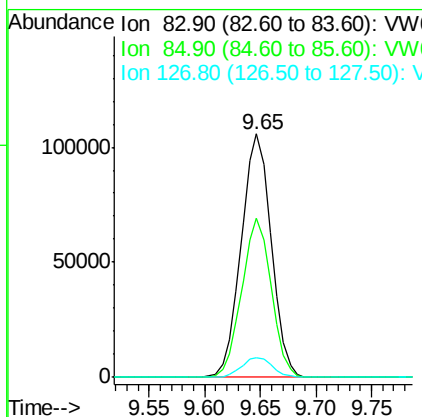
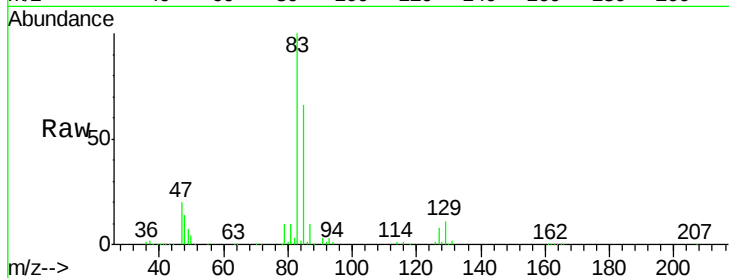
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	198480
Ion Ratio	Lower	Upper	
83	100		
85	65.5	52.2	78.2
127	8.1	7.0	10.4

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#48

Methyl methacrylate

Concen: 58.08 ug/l

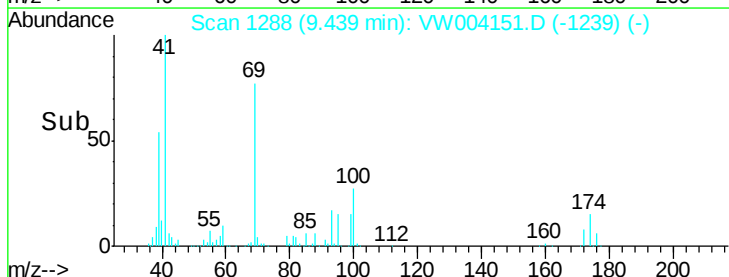
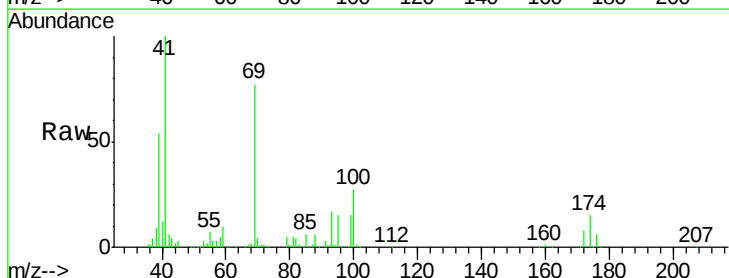
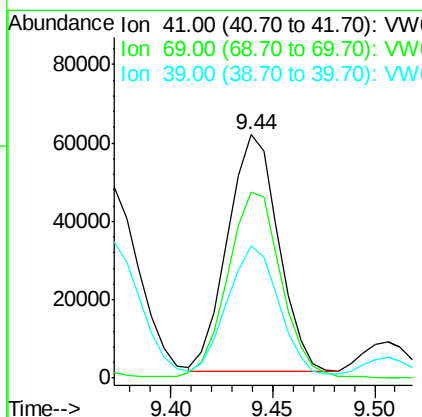
RT: 9.44 min Scan# 1288

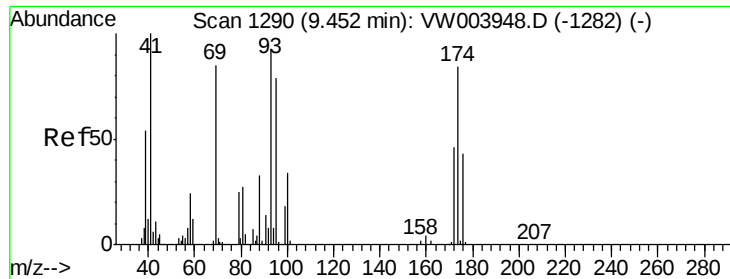
Delta R.T. -0.00 min

Lab File: VW004151.D

Acq: 23 Jul 2018 21:15

Tgt Ion:	41	Resp:	104140
Ion Ratio	Lower	Upper	
41	100		
69	82.8	67.0	100.6
39	58.2	48.8	73.2





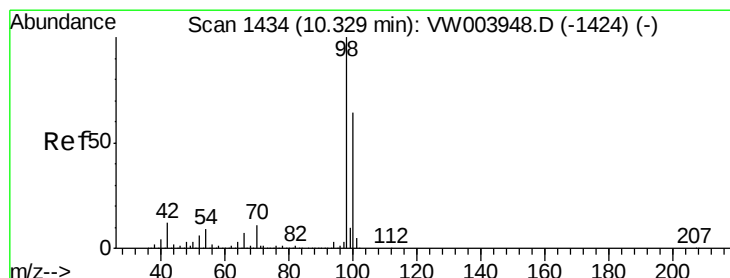
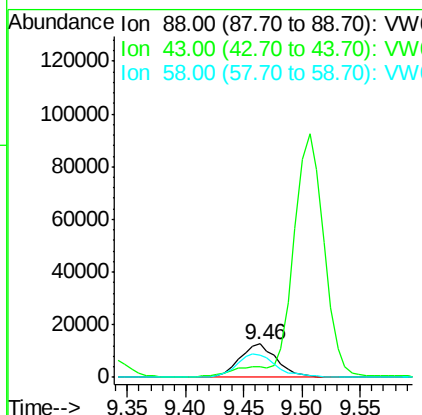
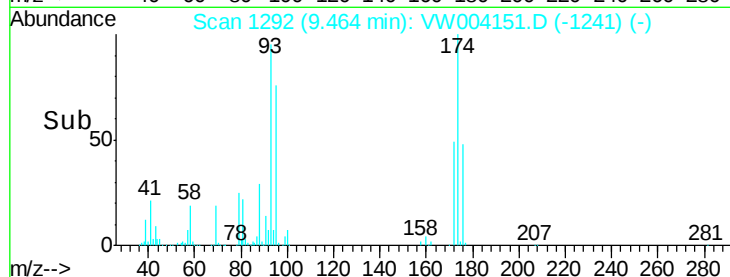
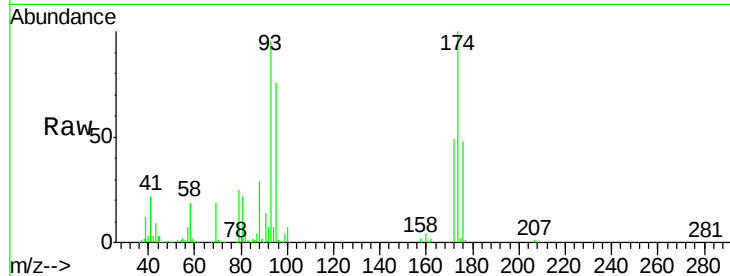
#49
1,4-Dioxane
Concen: 1224.20 ug/l
RT: 9.46 min Scan# 1292
Delta R.T. 0.01 min
Lab File: VW004151.D
Acq: 23 Jul 2018 21:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	28415
Ion	Ratio	Lower	Upper
88	100		
43	30.8	27.3	40.9
58	75.4	61.1	91.7

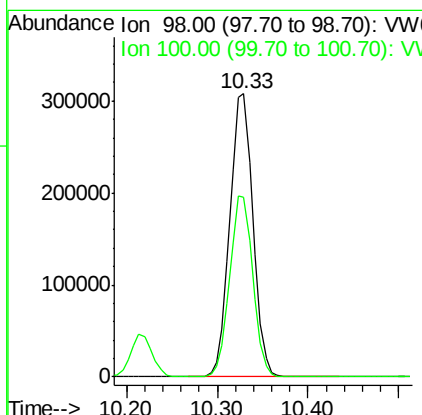
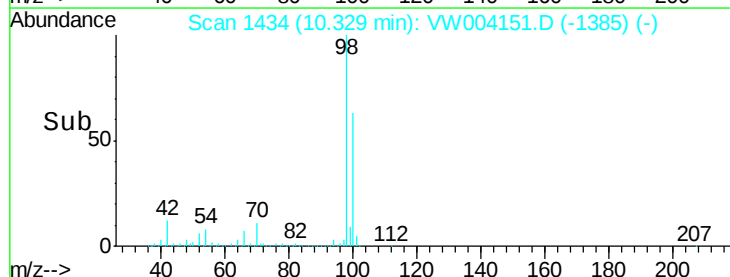
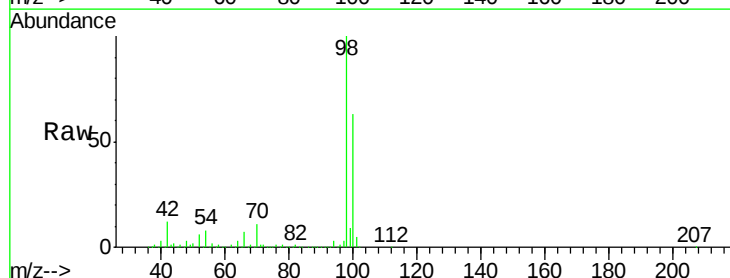
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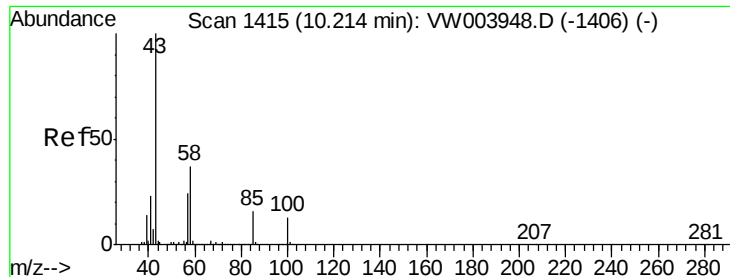
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#50
Toluene-d8
Concen: 54.62 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW004151.D
Acq: 23 Jul 2018 21:15

Tgt Ion	98	Resp	543158
Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 292.07 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VW004151.D

Acq: 23 Jul 2018 21:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 576881

Ion Ratio Lower Upper

43 100

58 37.5

29.9

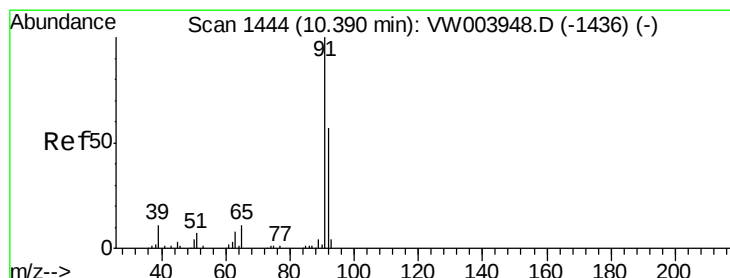
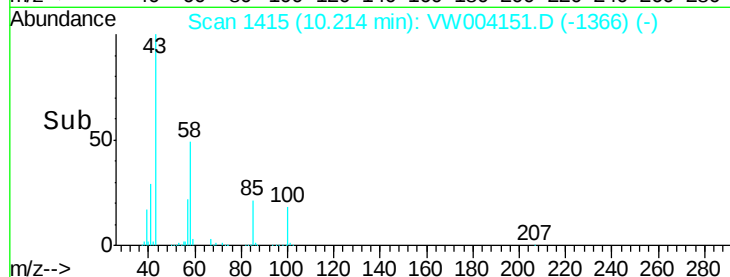
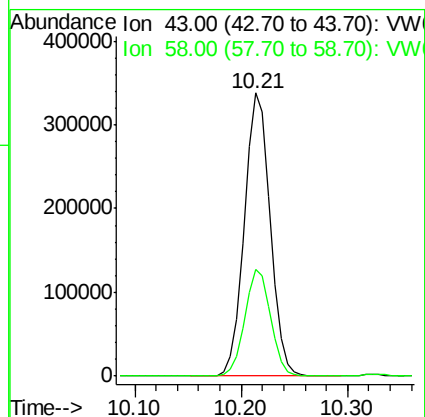
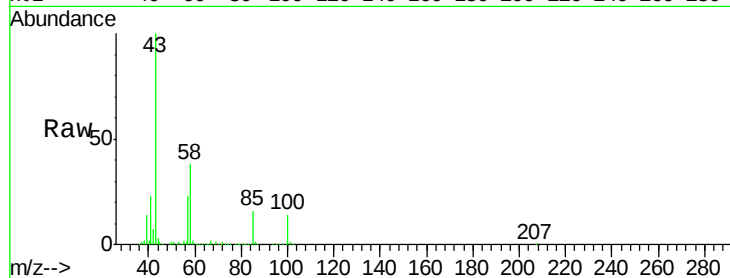
44.9

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#52

Toluene

Concen: 52.59 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW004151.D

Acq: 23 Jul 2018 21:15

Tgt Ion: 92 Resp: 370793

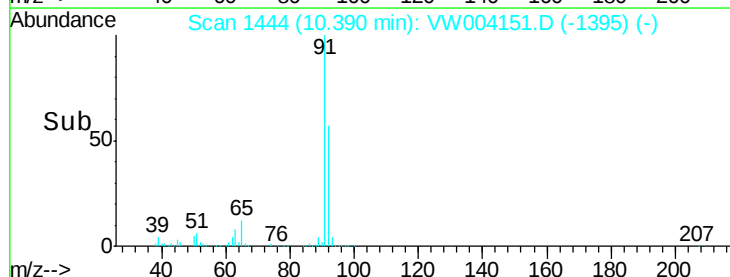
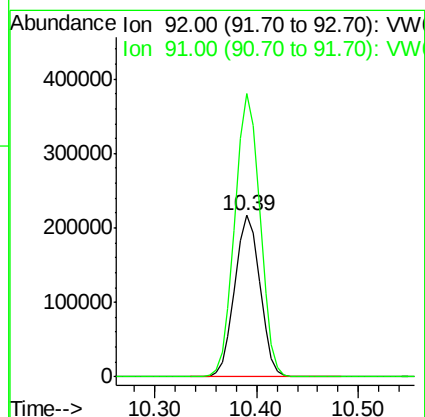
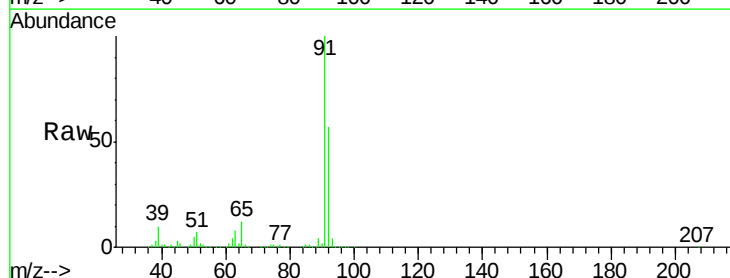
Ion Ratio Lower Upper

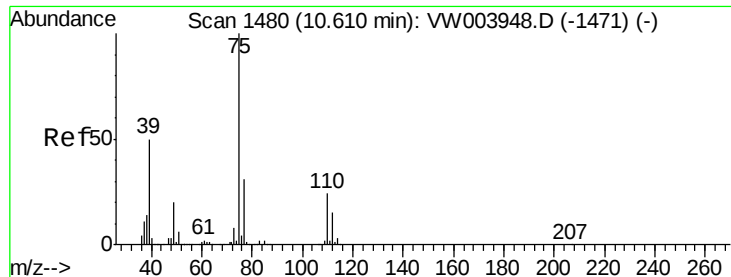
92 100

91 174.8

139.6

209.4





#53

t-1,3-Dichloropropene

Concen: 52.17 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW004151.D

Acq: 23 Jul 2018 21:15

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050EC

Tot Ion: 75 Resp: 203075

Ion Ratio Lower Upper

75 100

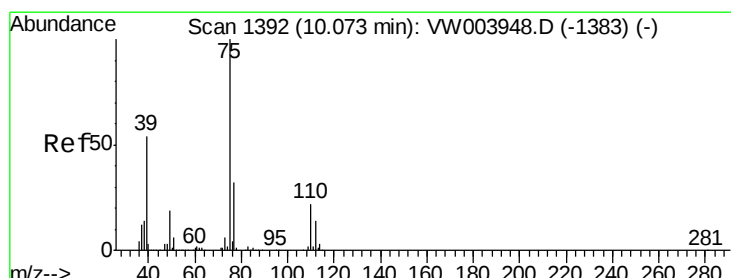
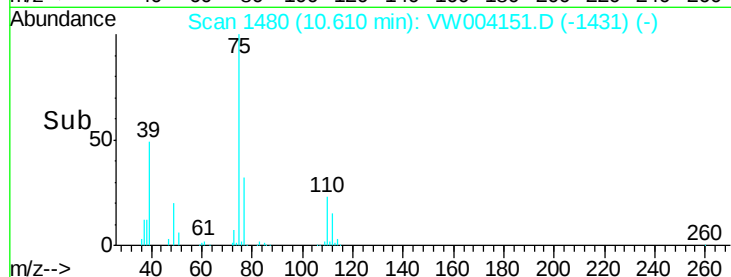
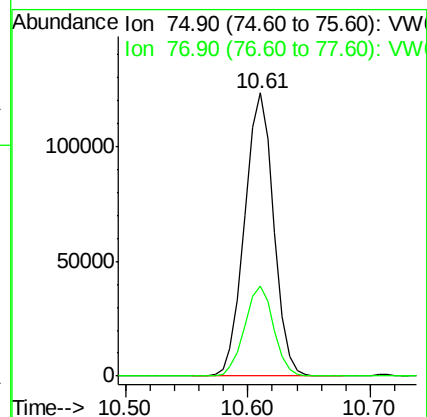
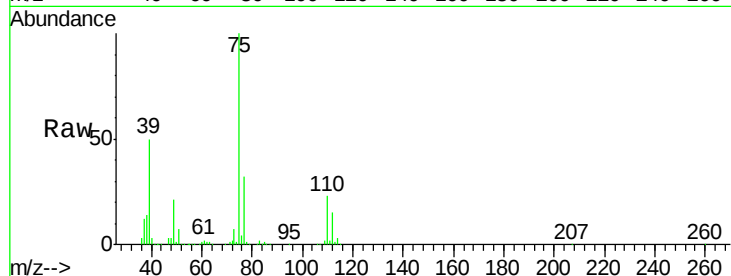
77 31.8 25.2 37.8

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#54

cis-1,3-Dichloropropene

Concen: 51.86 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW004151.D

Acq: 23 Jul 2018 21:15

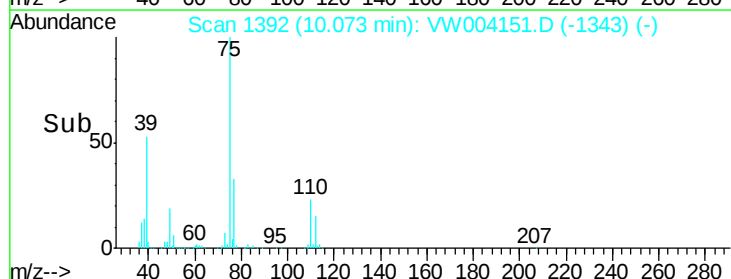
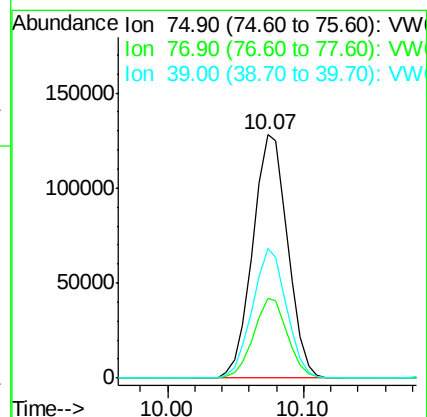
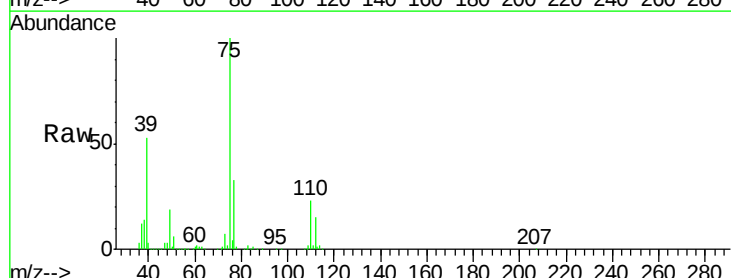
Tgt Ion: 75 Resp: 230917

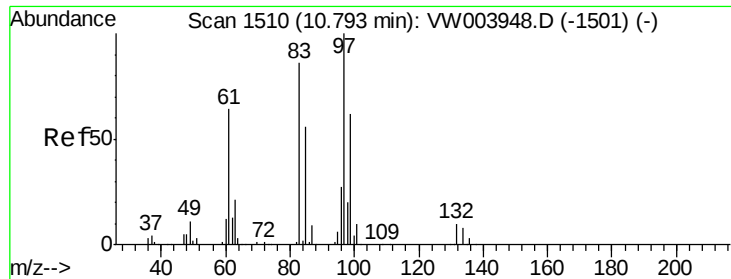
Ion Ratio Lower Upper

75 100

77 32.6 25.4 38.2

39 53.4 43.0 64.6





#55

1,1,2-Trichloroethane

Concen: 54.34 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VW004151.D

Acq: 23 Jul 2018 21:15

Instrument :

MSVOA_W

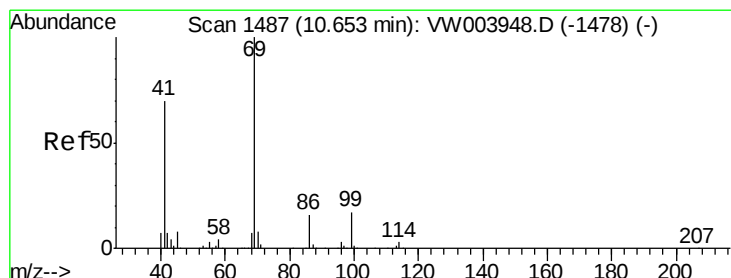
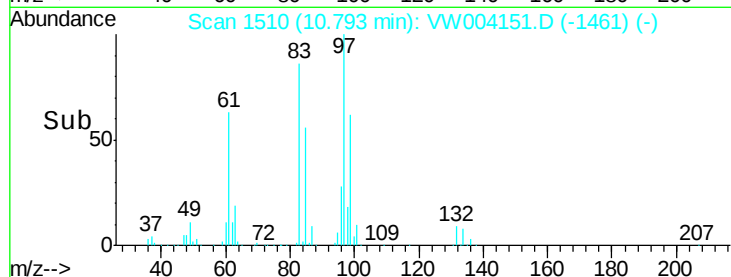
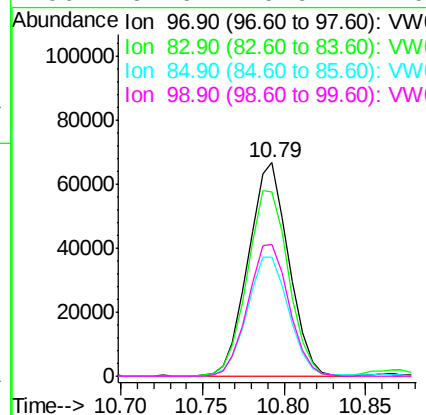
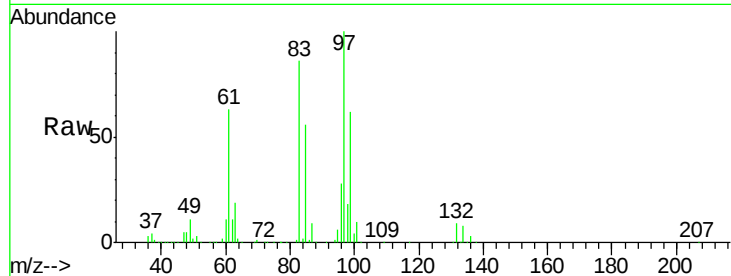
ClientSampleId :

VSTDCCC050EC

Tot Ion:	97	Resp:	115401
Ion	Ratio	Lower	Upper
97	100		
83	86.3	69.0	103.4
85	55.7	45.0	67.6
99	61.6	49.9	74.9

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#56

Ethyl methacrylate

Concen: 52.33 ug/l

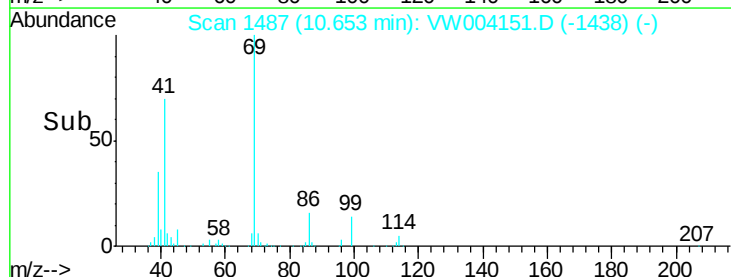
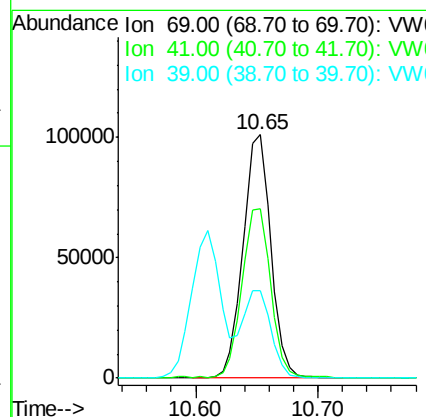
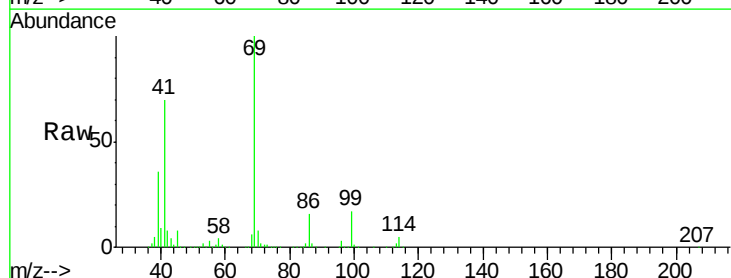
RT: 10.65 min Scan# 1487

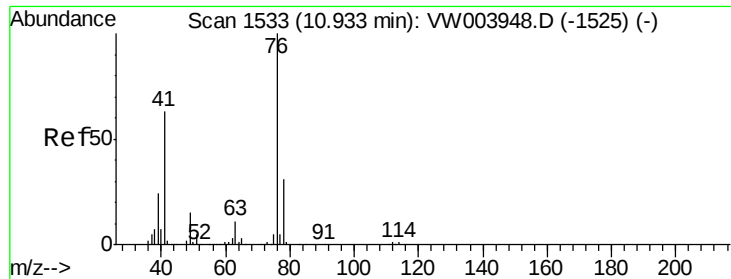
Delta R.T. 0.00 min

Lab File: VW004151.D

Acq: 23 Jul 2018 21:15

Tgt Ion:	69	Resp:	159399
Ion	Ratio	Lower	Upper
69	100		
41	71.4	56.5	84.7
39	37.8	30.2	45.4





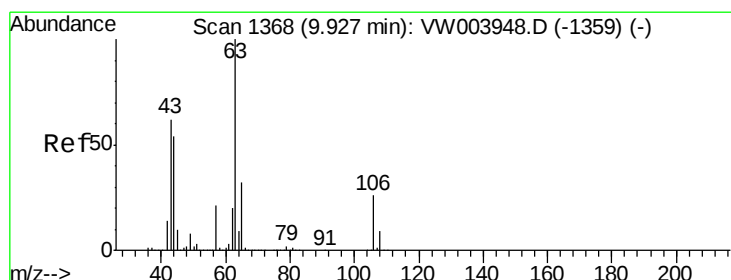
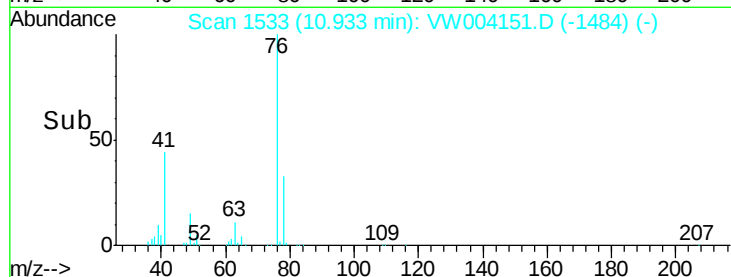
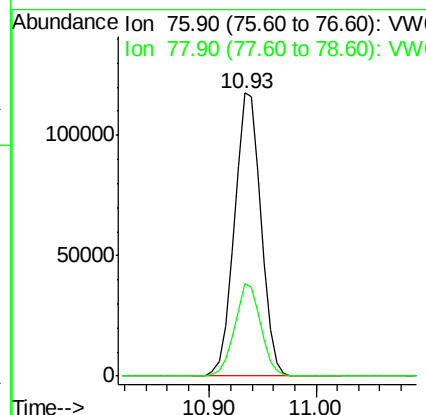
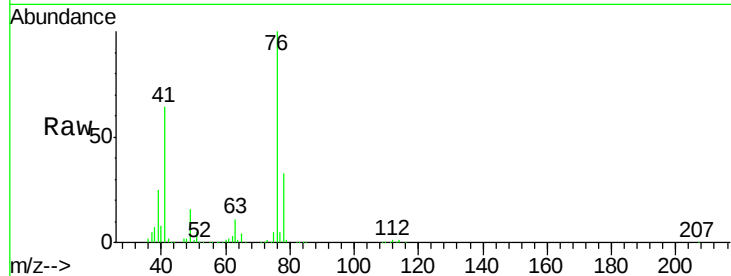
#57
 1,3-Dichloropropane
 Concen: 55.73 ug/l
 RT: 10.93 min Scan# 1533
 Delta R.T. -0.00 min
 Lab File: VW004151.D
 Acq: 23 Jul 2018 21:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 205621
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.2 37.8

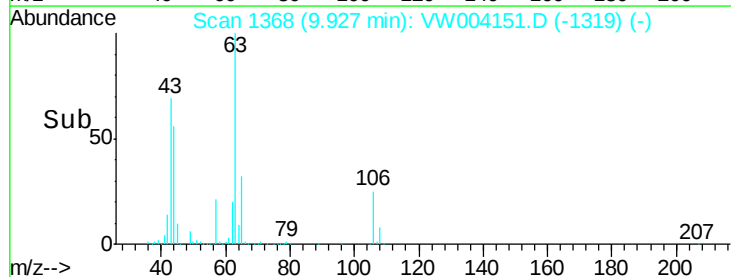
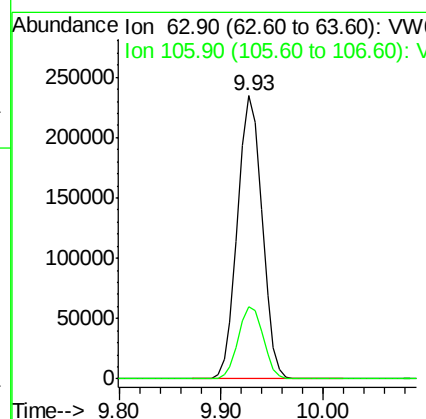
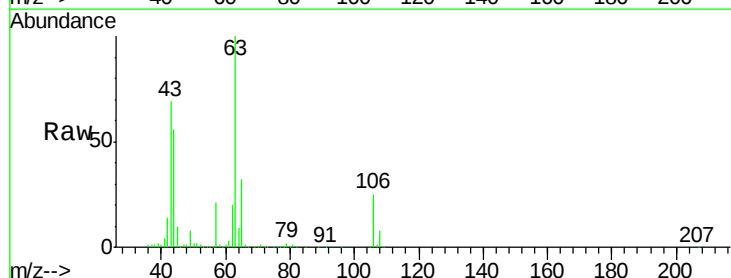
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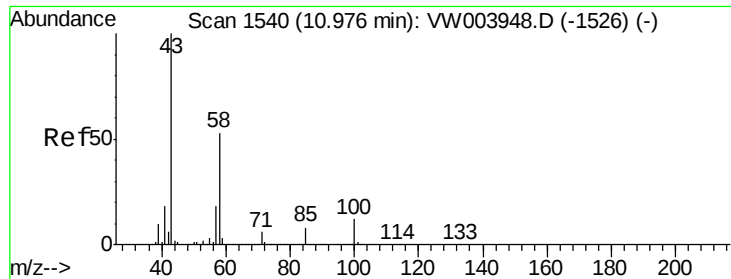
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#58
 2-Chloroethyl Vinyl ether
 Concen: 309.92 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VW004151.D
 Acq: 23 Jul 2018 21:15

Tgt Ion: 63 Resp: 390458
 Ion Ratio Lower Upper
 63 100
 106 25.9 21.2 31.8





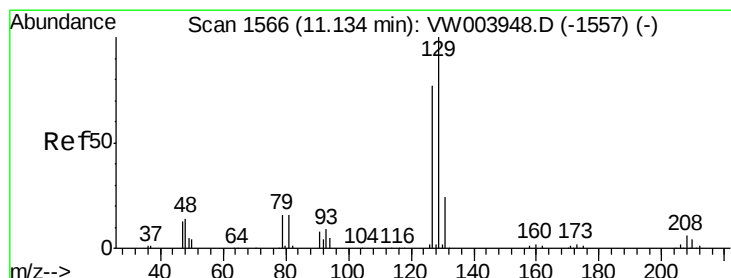
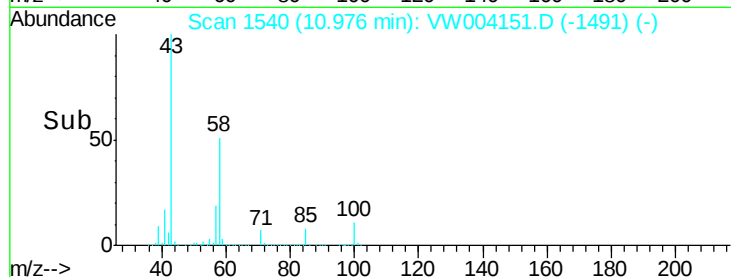
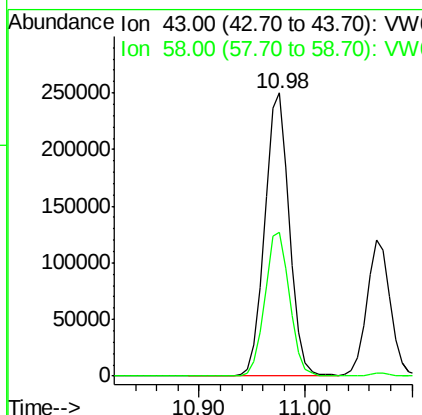
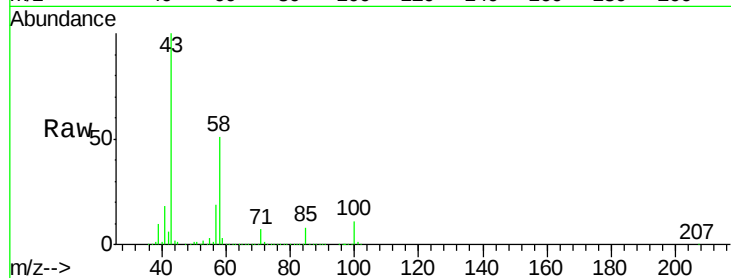
#59
2-Hexanone
Concen: 289.12 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW004151.D
Acq: 23 Jul 2018 21:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 402486
Ion Ratio Lower Upper
43 100
58 51.4 26.0 78.0

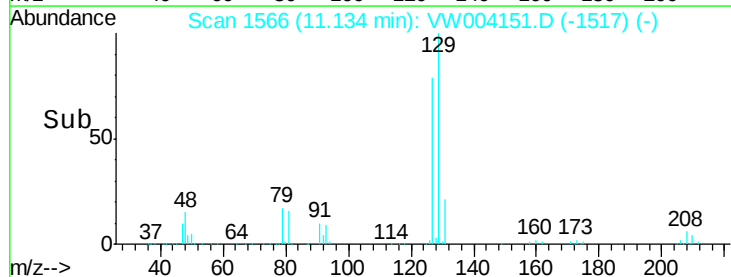
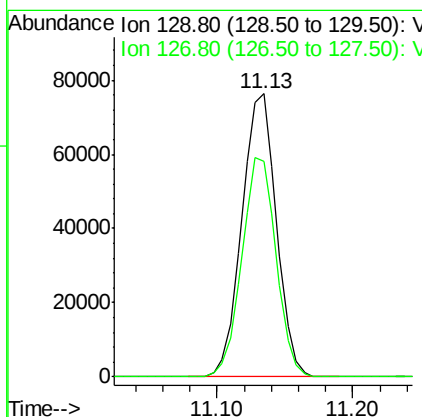
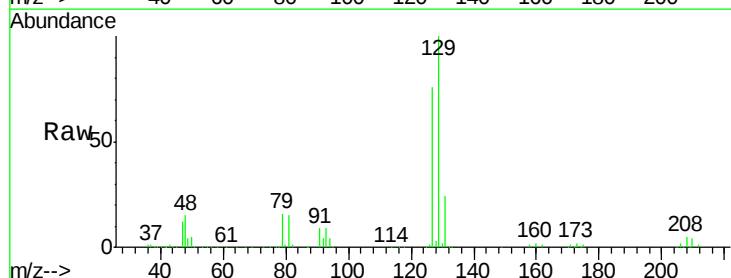
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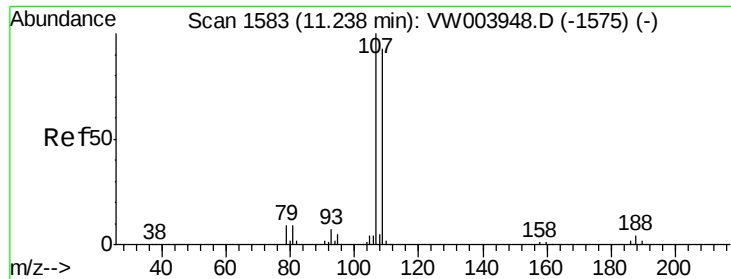
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#60
Dibromochloromethane
Concen: 54.81 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VW004151.D
Acq: 23 Jul 2018 21:15

Tgt Ion: 129 Resp: 135560
Ion Ratio Lower Upper
129 100
127 77.0 39.1 117.3





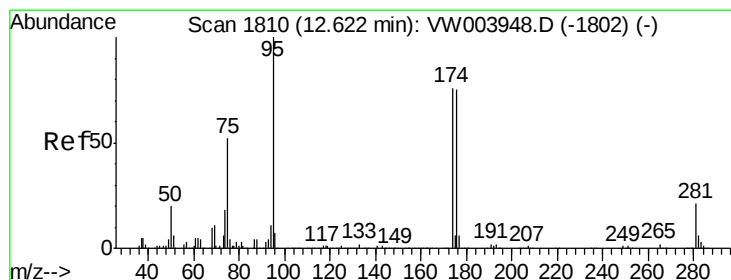
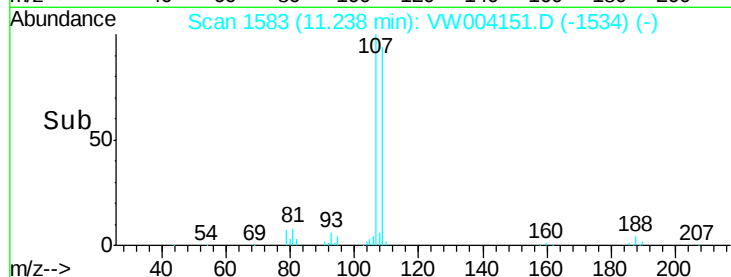
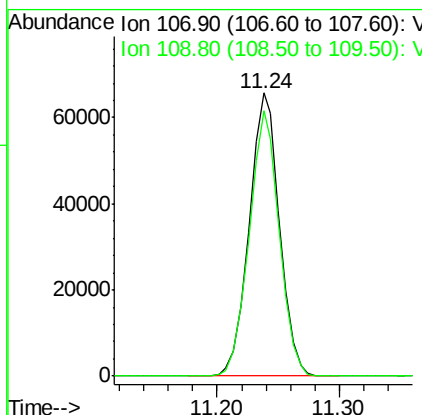
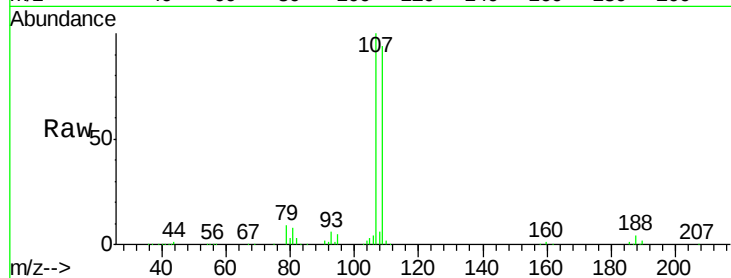
#61
 1,2-Dibromoethane
 Concen: 55.76 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VW004151.D
 Acq: 23 Jul 2018 21:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.2	74.3	111.5

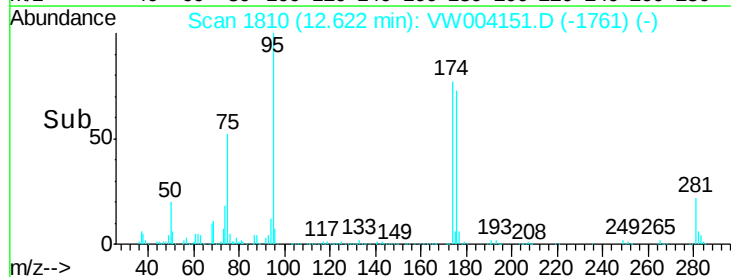
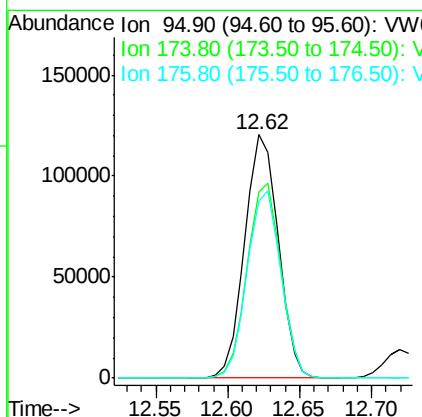
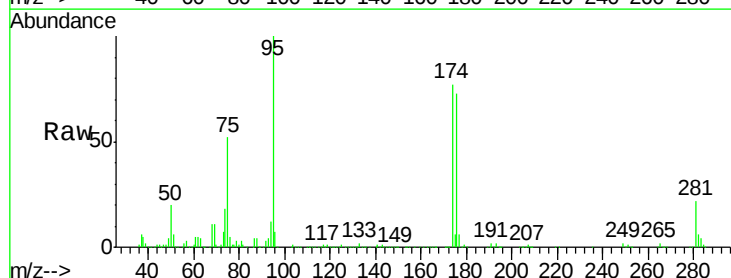
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#62
 4-Bromofluorobenzene
 Concen: 54.29 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VW004151.D
 Acq: 23 Jul 2018 21:15

Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.7	0.0	160.2
176	77.3	0.0	155.8





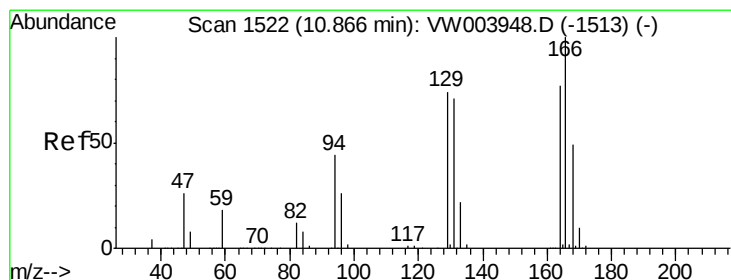
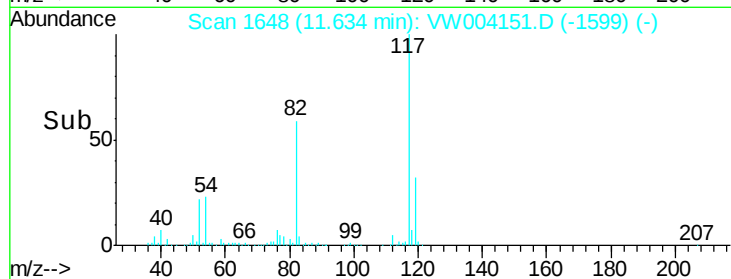
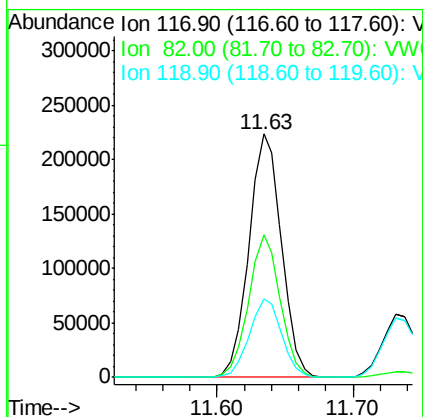
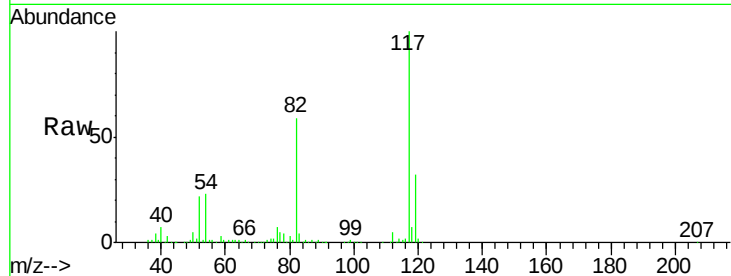
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004151.D
Acq: 23 Jul 2018 21:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.5	46.5	69.7
119	32.1	26.2	39.2

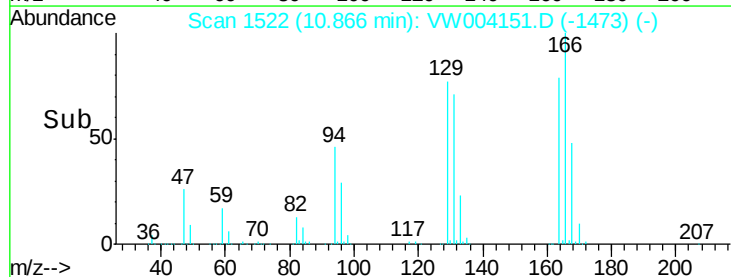
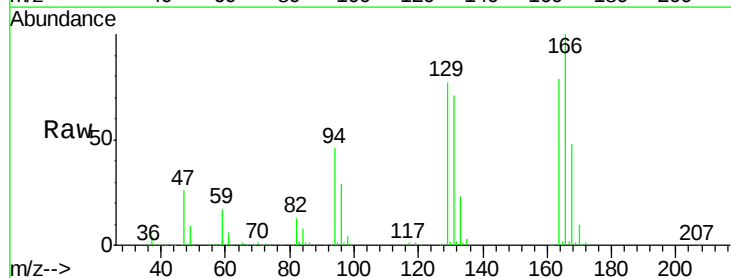
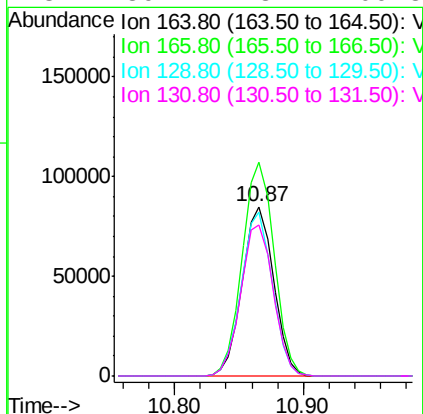
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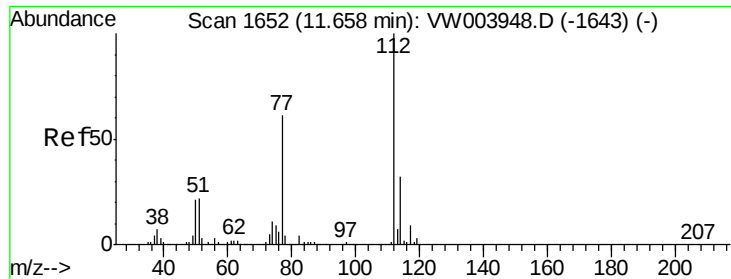
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#64
Tetrachloroethene
Concen: 55.97 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW004151.D
Acq: 23 Jul 2018 21:15

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.2	103.5	155.3
129	96.8	76.8	115.2
131	89.2	73.2	109.8





#65

Chlorobenzene

Concen: 50.96 ug/l

RT: 11.66 min Scan# 1652

Delta R.T. -0.00 min

Lab File: VW004151.D

Acq: 23 Jul 2018 21:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 405909

Ion Ratio Lower Upper

112 100

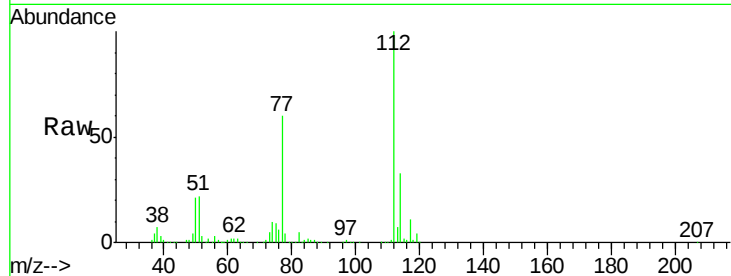
114 32.7 25.2 37.8

Manual Integrations

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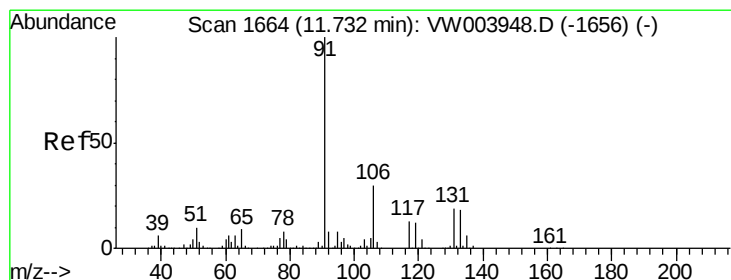
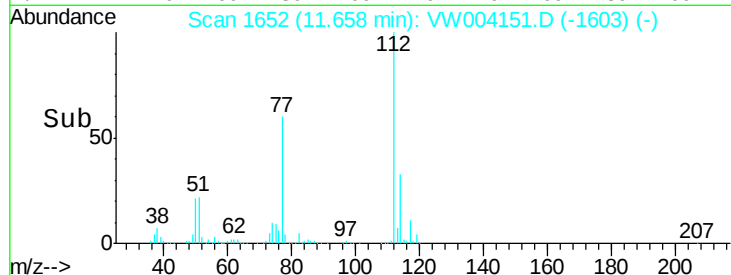
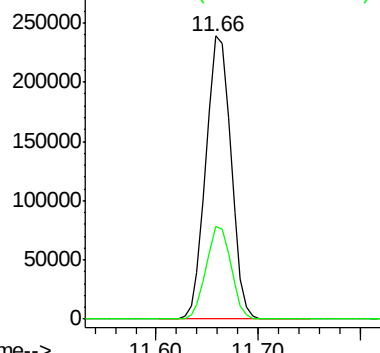
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 51.70 ug/l

RT: 11.73 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VW004151.D

Acq: 23 Jul 2018 21:15

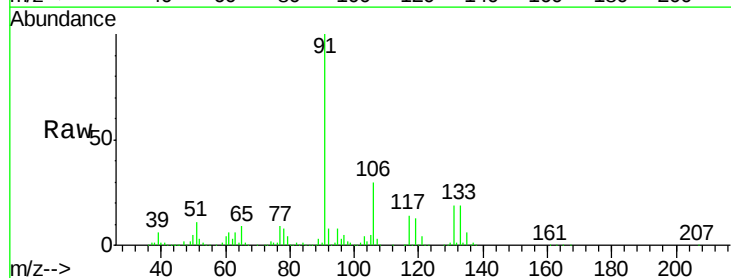
Tgt Ion:131 Resp: 143090

Ion Ratio Lower Upper

131 100

133 96.1 47.9 143.8

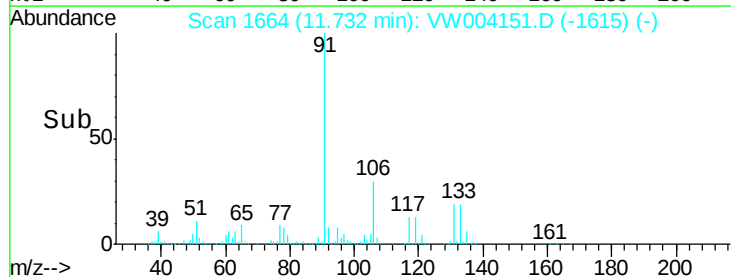
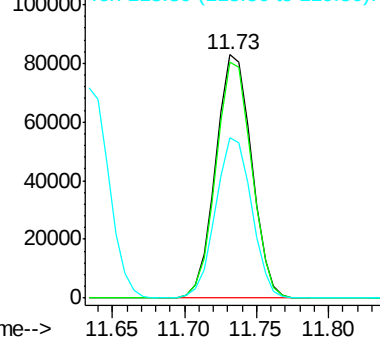
119 66.0 32.5 97.5

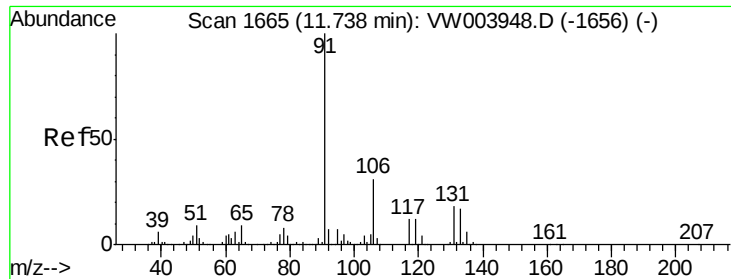


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





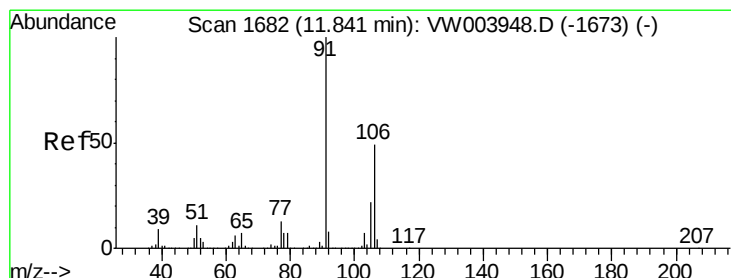
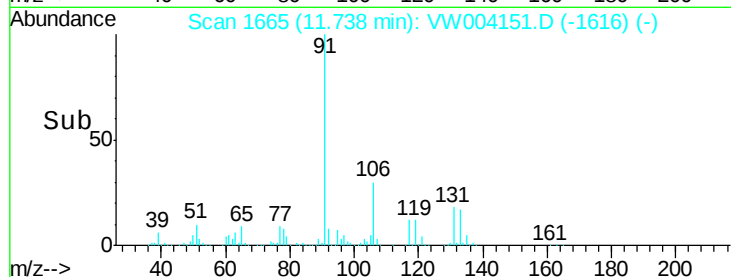
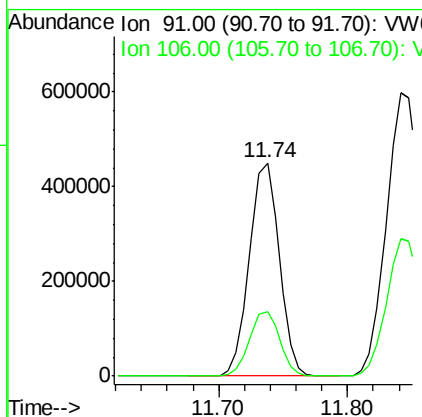
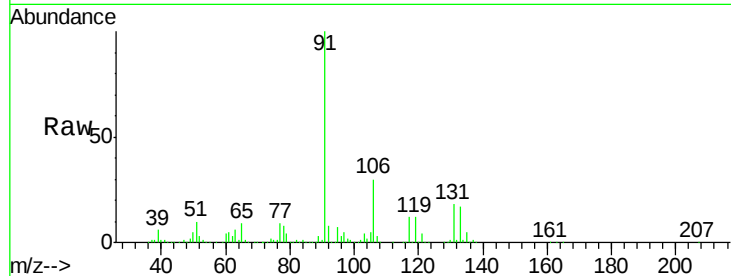
#67
Ethyl Benzene
Concen: 51.48 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW004151.D
Acq: 23 Jul 2018 21:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 720382
Ion Ratio Lower Upper
91 100
106 30.2 25.0 37.4

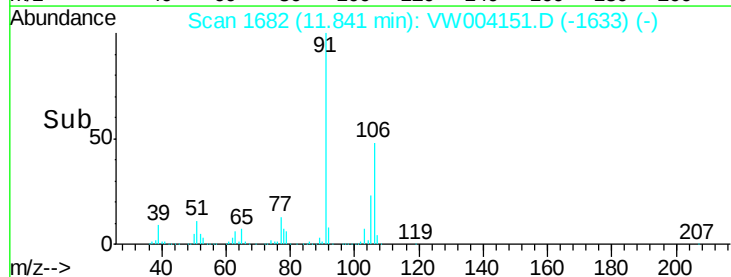
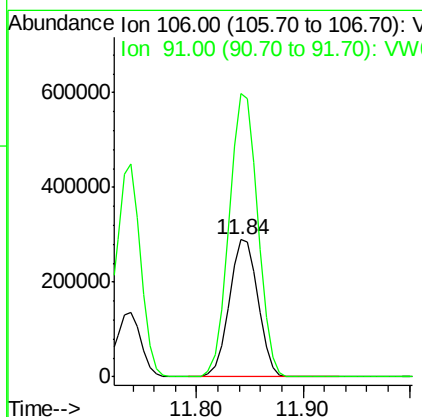
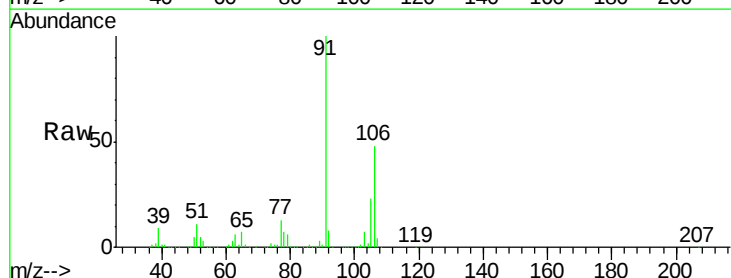
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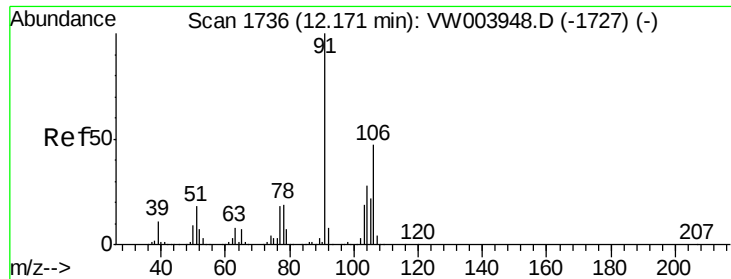
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#68
m/p-Xylenes
Concen: 102.47 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VW004151.D
Acq: 23 Jul 2018 21:15

Tgt Ion: 106 Resp: 547997
Ion Ratio Lower Upper
106 100
91 205.8 164.2 246.2





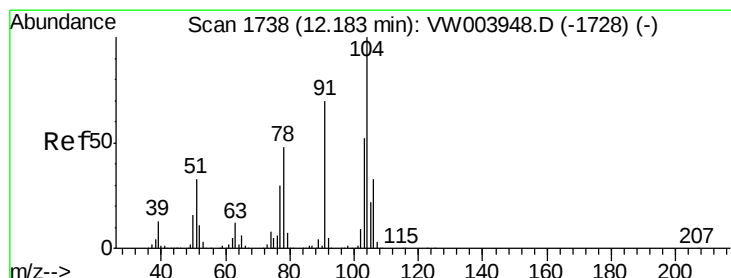
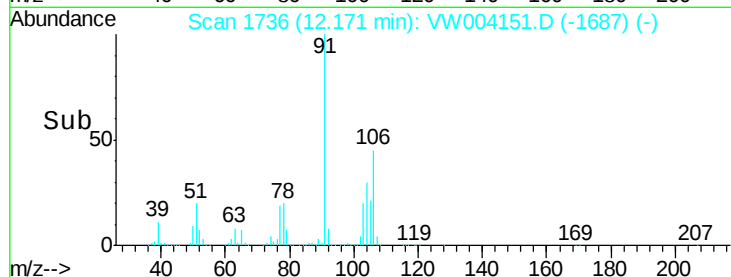
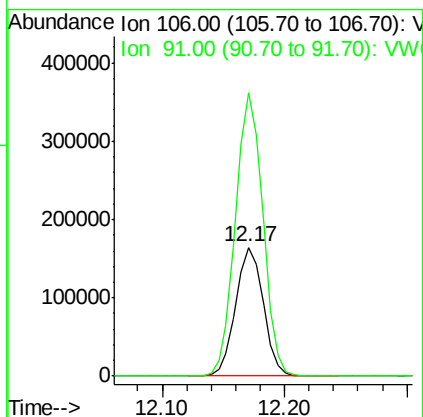
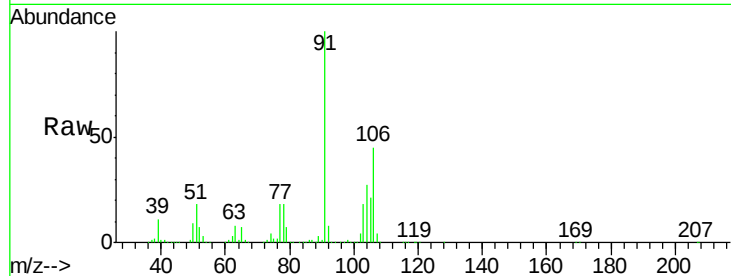
#69
o-Xylene
Concen: 51.64 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW004151.D
Acq: 23 Jul 2018 21:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		256158		
91	219.0	107.5	322.6		

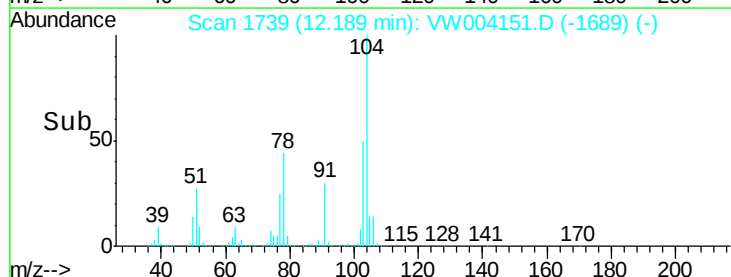
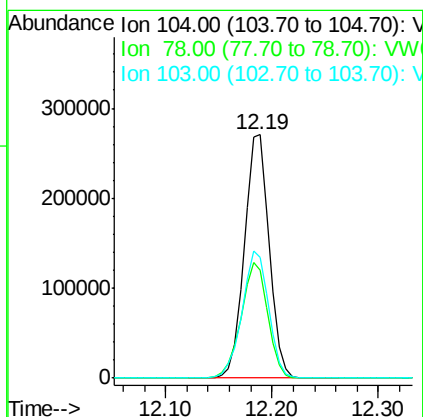
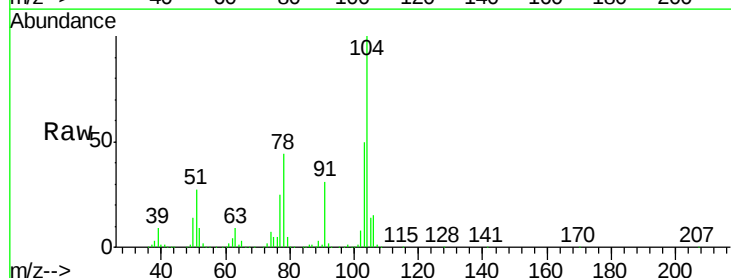
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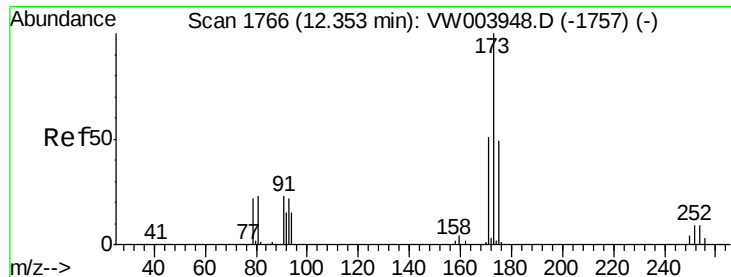
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#70
Styrene
Concen: 53.50 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VW004151.D
Acq: 23 Jul 2018 21:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		443301		
78	50.9	41.0	61.4		
103	55.8	44.6	67.0		





#71

Bromoform

Concen: 53.07 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. -0.00 min

Lab File: VW004151.D

Acq: 23 Jul 2018 21:15

Instrument :

MSVOA_W

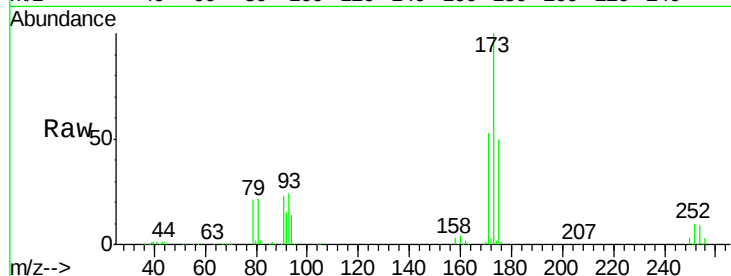
ClientSampleId :

VSTDCCC050EC

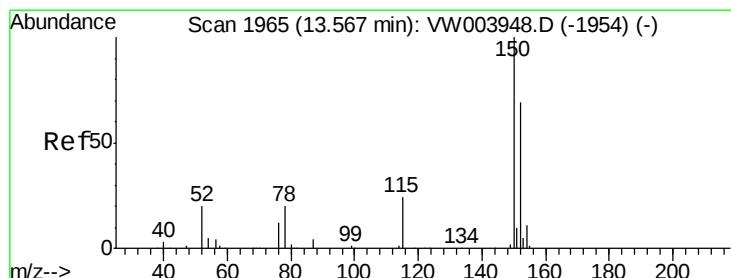
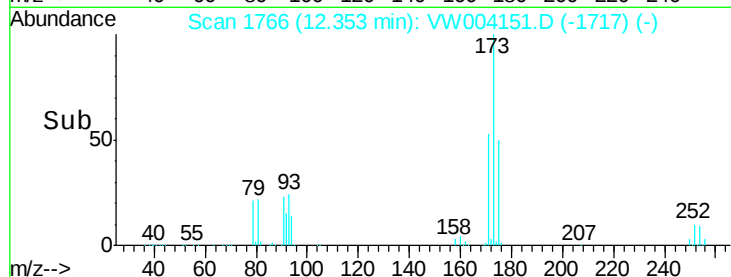
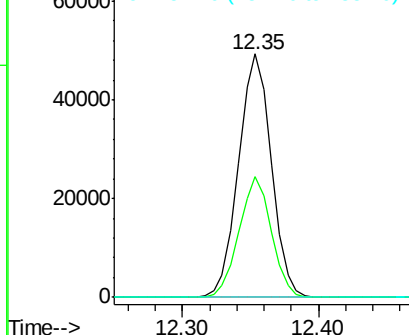
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.4	73.2
254	0.0	0.1	0.1#

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

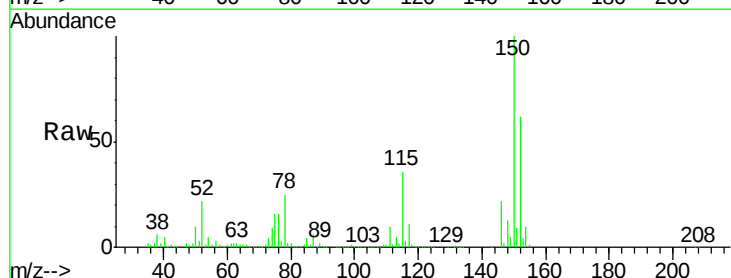
RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

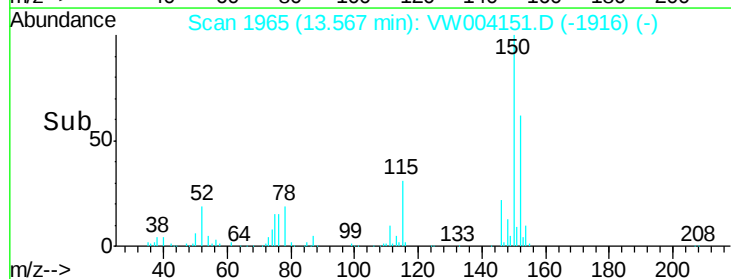
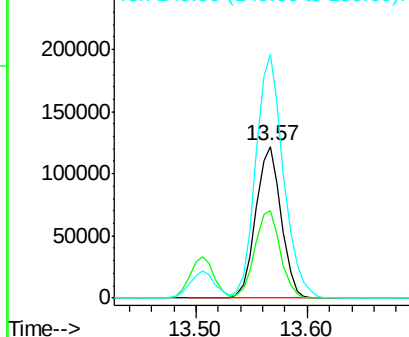
Lab File: VW004151.D

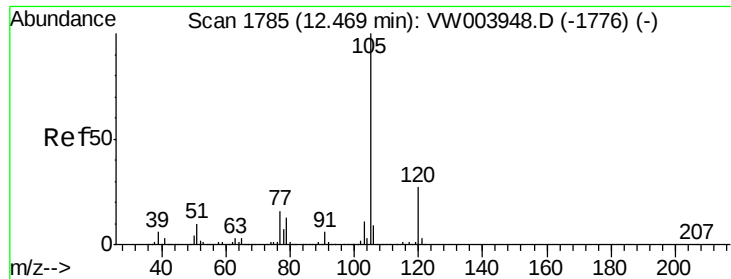
Acq: 23 Jul 2018 21:15

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.5	29.2	87.6
150	175.9	0.0	345.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.42 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW004151.D

Acq: 23 Jul 2018 21:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 699713

Ion Ratio Lower Upper

105 100

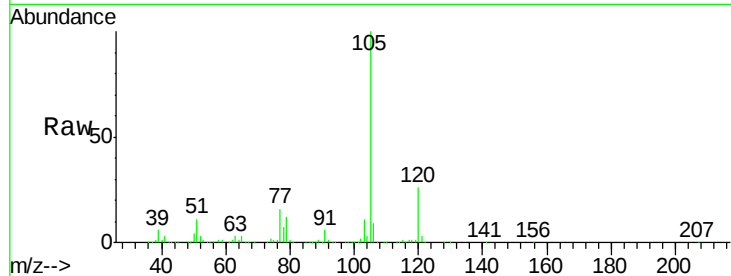
120 26.3 13.2 39.6

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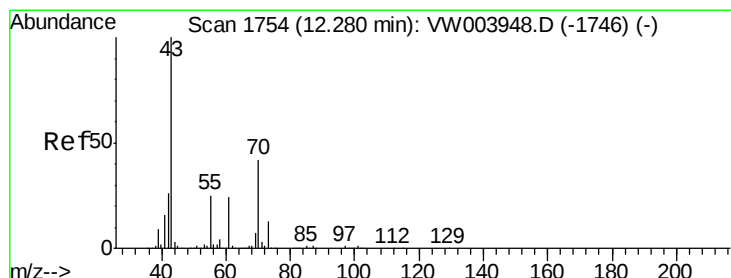
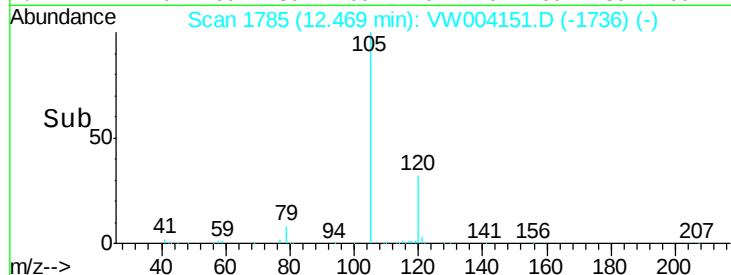
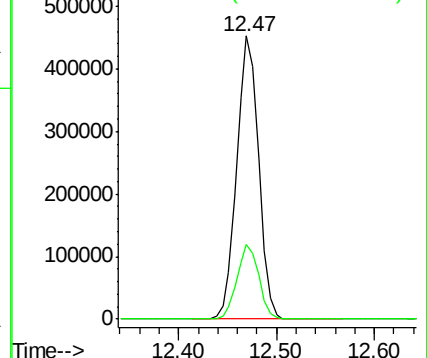
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 55.63 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VW004151.D

Acq: 23 Jul 2018 21:15

Tgt Ion: 43 Resp: 197237

Ion Ratio Lower Upper

43 100

70 40.2 31.6 47.4

55 25.6 20.0 30.0

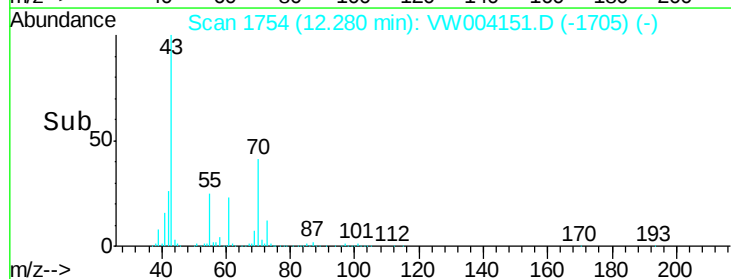
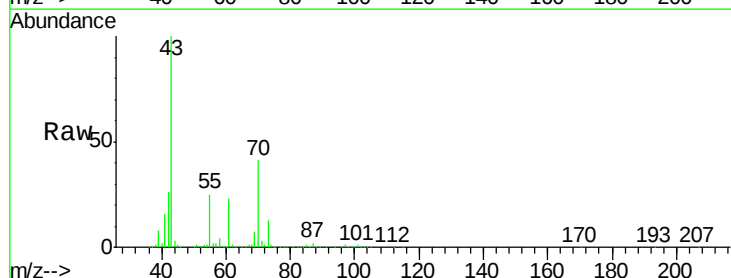
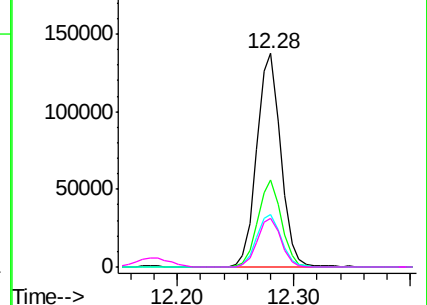
61 22.9 18.5 27.7

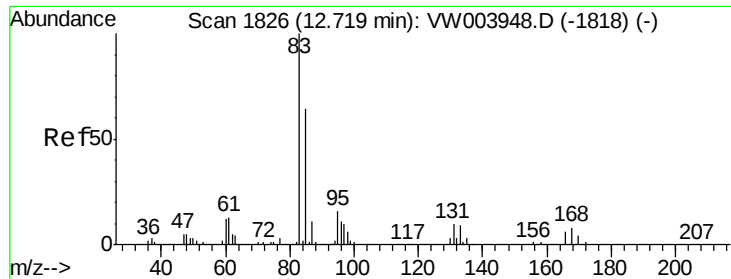
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 54.76 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW004151.D

Acq: 23 Jul 2018 21:15

Instrument :

MSVOA_W

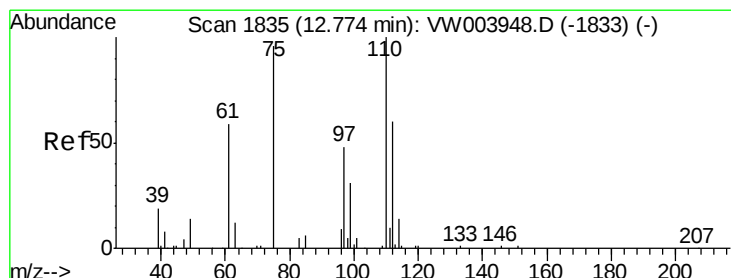
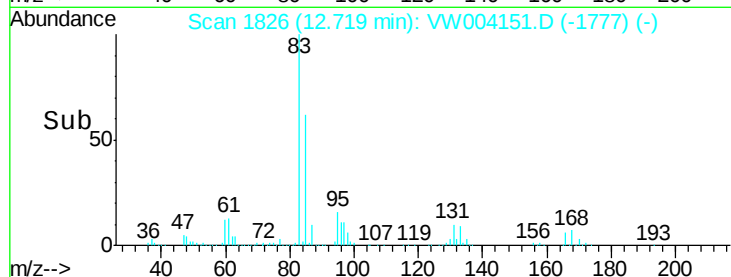
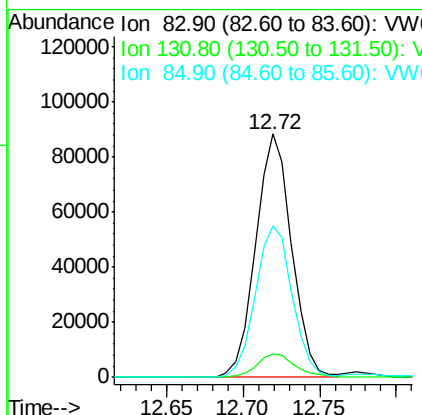
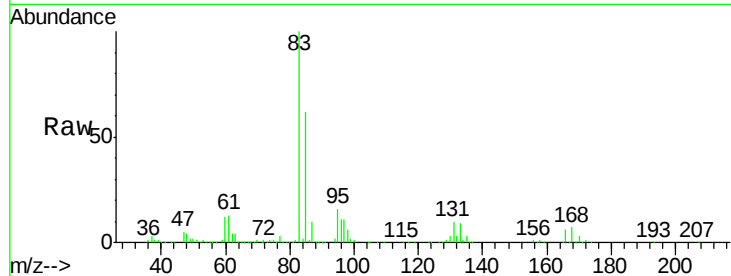
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	144097
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.3	15.8
85	64.0	32.2	96.6

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#76

1,2,3-Trichloropropane

Concen: 50.40 ug/l m

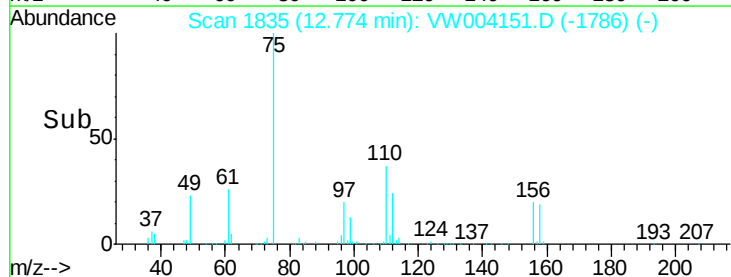
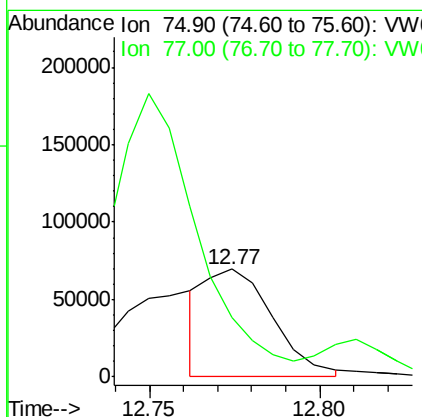
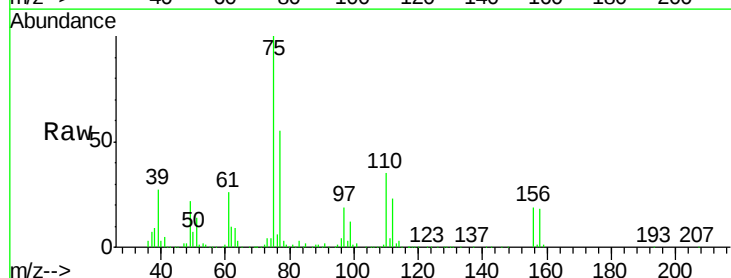
RT: 12.77 min Scan# 1835

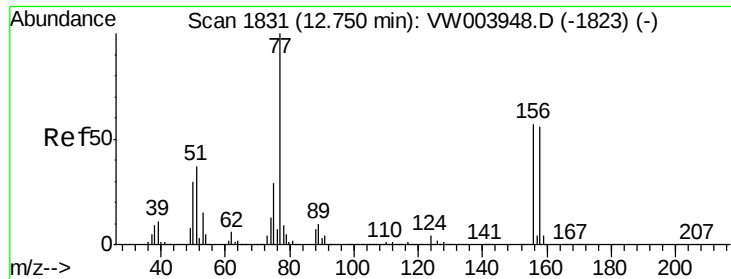
Delta R.T. -0.00 min

Lab File: VW004151.D

Acq: 23 Jul 2018 21:15

Tgt Ion:	75	Resp:	96359
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 51.10 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VW004151.D

Acq: 23 Jul 2018 21:15

Instrument :

MSVOA_W

ClientSampleId :

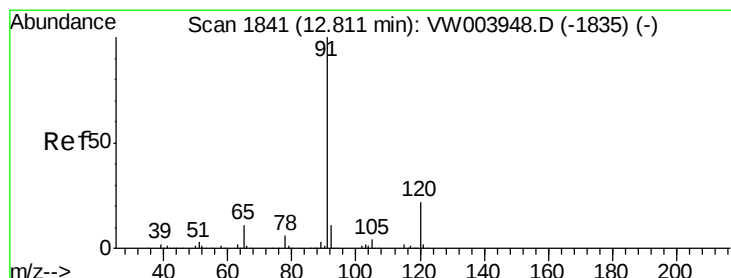
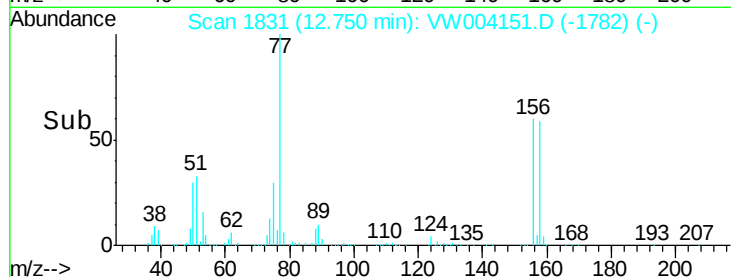
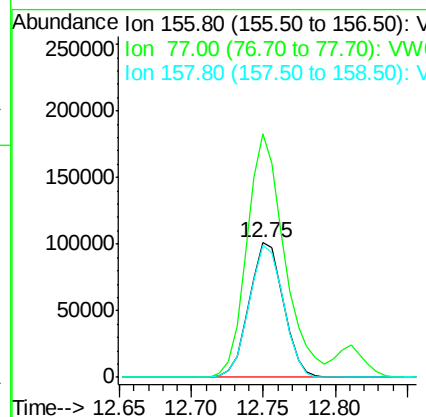
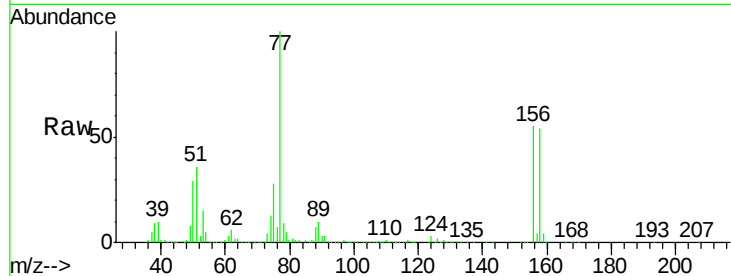
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100				
77	197.1		96.2	288.6	
158	97.8		48.5	145.5	

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#78

n-propylbenzene

Concen: 51.87 ug/l

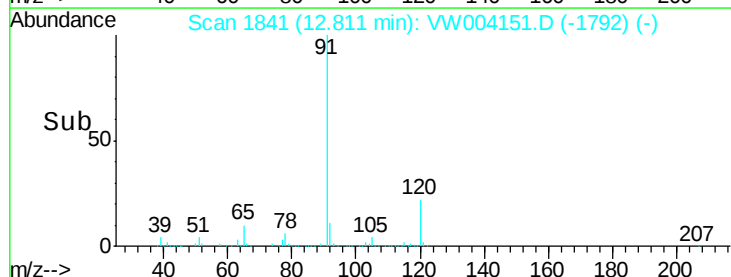
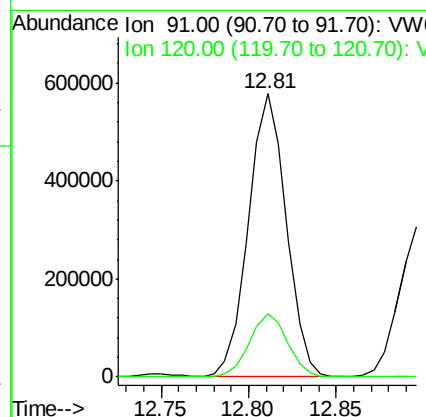
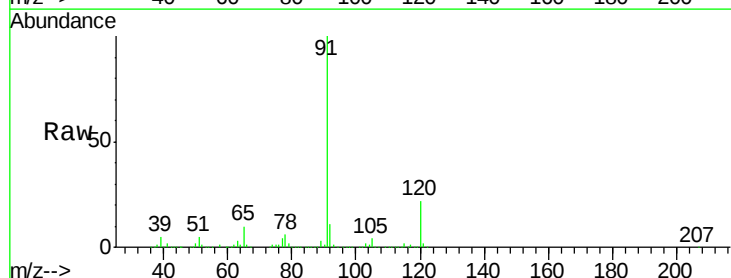
RT: 12.81 min Scan# 1841

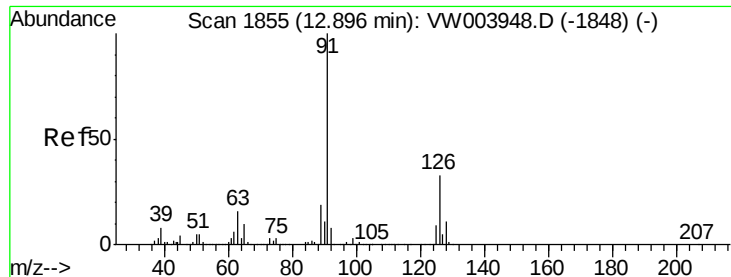
Delta R.T. -0.00 min

Lab File: VW004151.D

Acq: 23 Jul 2018 21:15

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





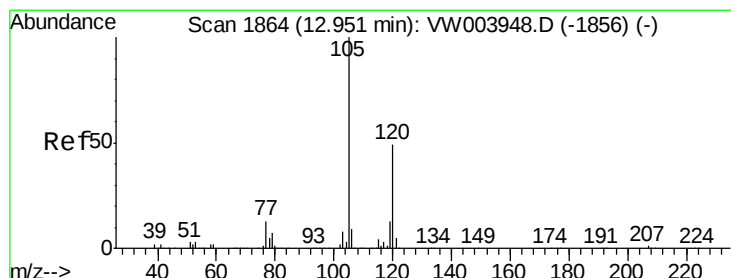
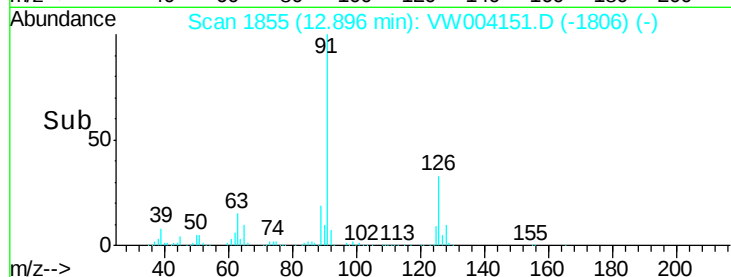
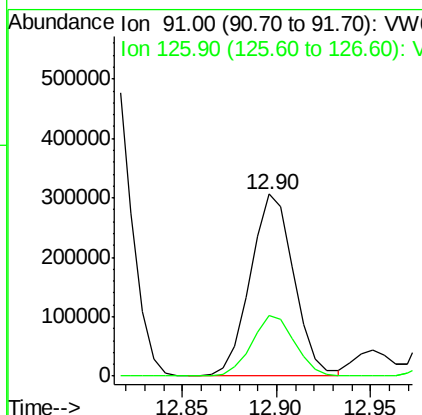
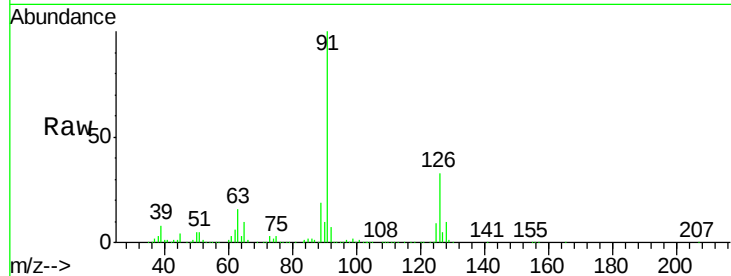
#79
2-Chlorotoluene
Concen: 52.26 ug/l
RT: 12.90 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW004151.D
Acq: 23 Jul 2018 21:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 492026
Ion Ratio Lower Upper
91 100
126 33.1 17.0 51.0

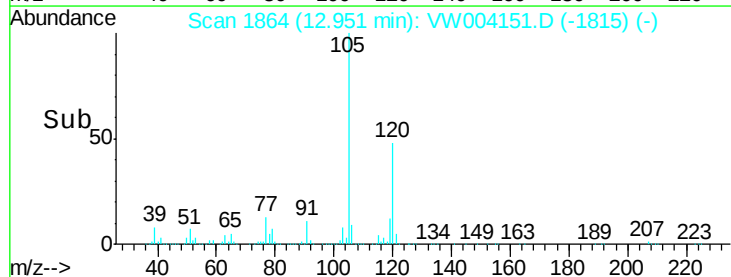
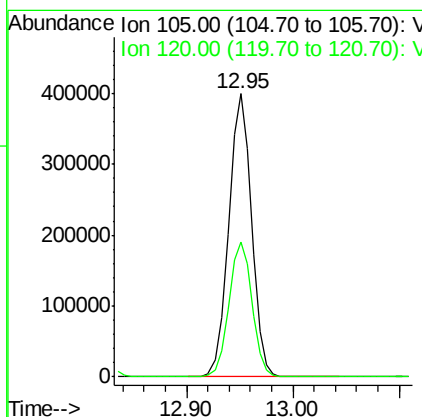
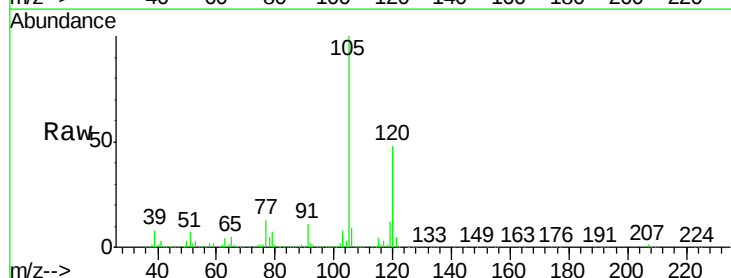
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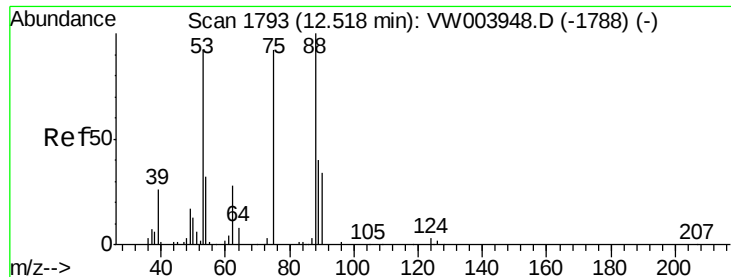
apatel
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#80
1,3,5-Trimethylbenzene
Concen: 52.29 ug/l
RT: 12.95 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VW004151.D
Acq: 23 Jul 2018 21:15

Tgt Ion: 105 Resp: 598835
Ion Ratio Lower Upper
105 100
120 48.3 24.4 73.2





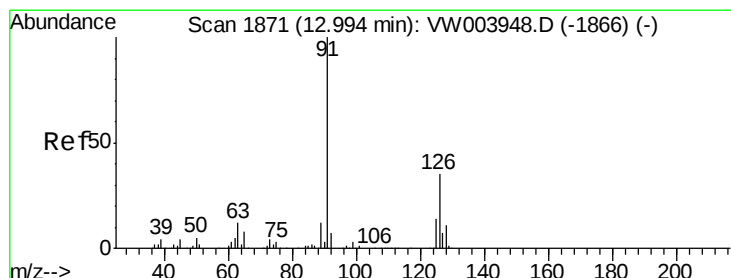
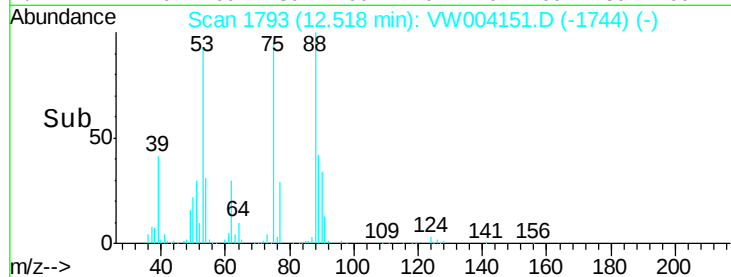
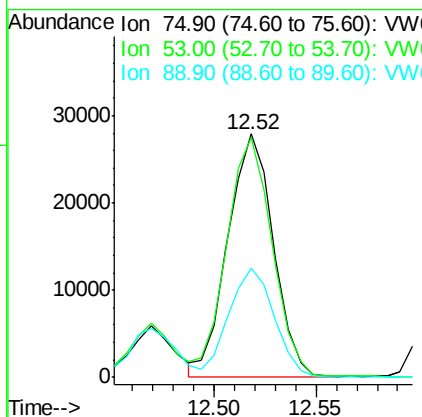
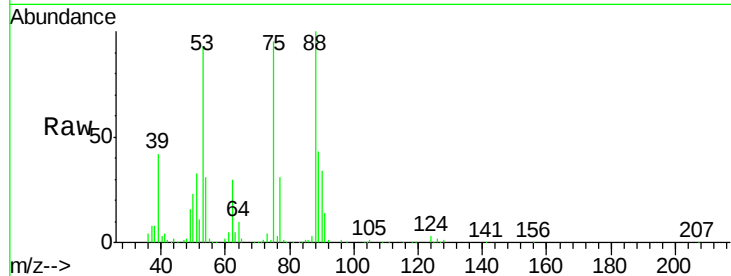
#81
trans-1,4-Dichloro-2-butene
Concen: 49.48 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VW004151.D
Acq: 23 Jul 2018 21:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.7	77.6	116.4
89	45.1	36.6	54.8

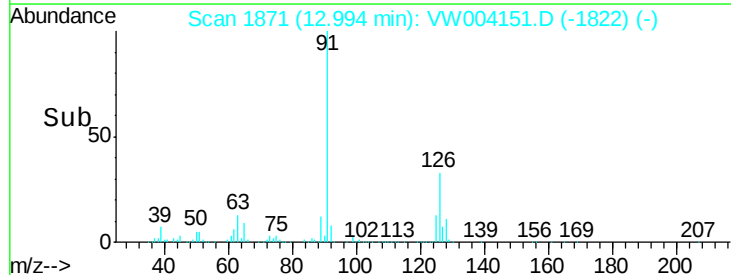
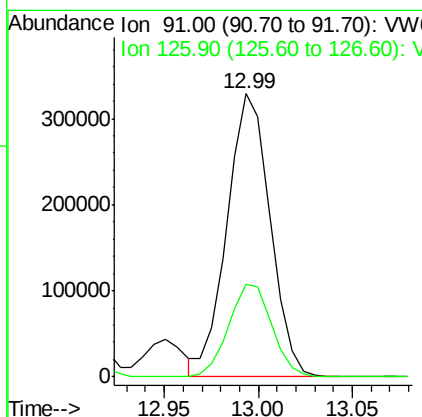
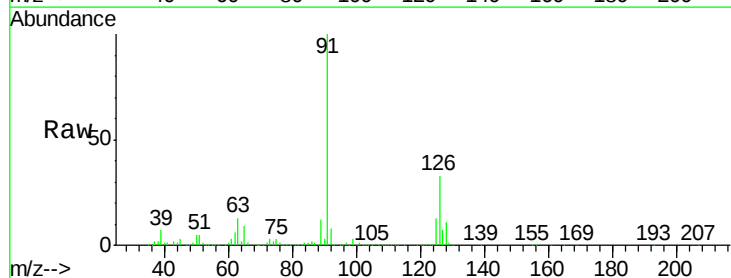
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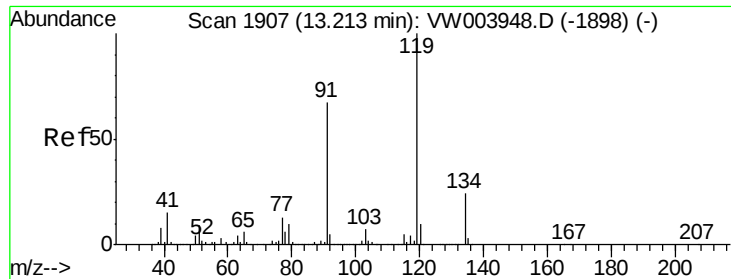
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#82
4-Chlorotoluene
Concen: 51.51 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. -0.00 min
Lab File: VW004151.D
Acq: 23 Jul 2018 21:15

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.0	16.7	50.0





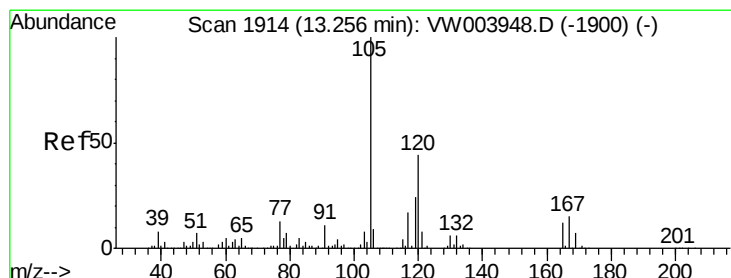
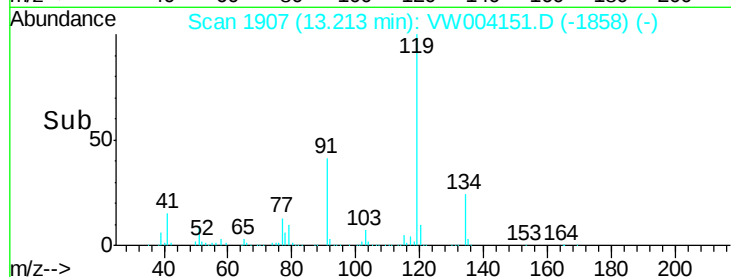
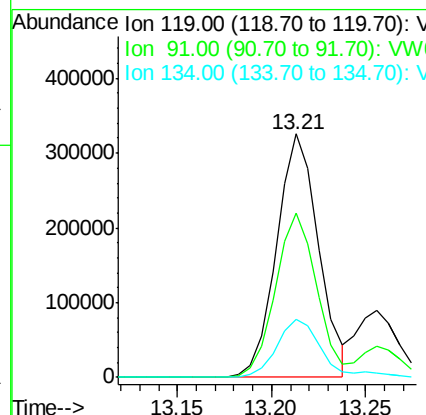
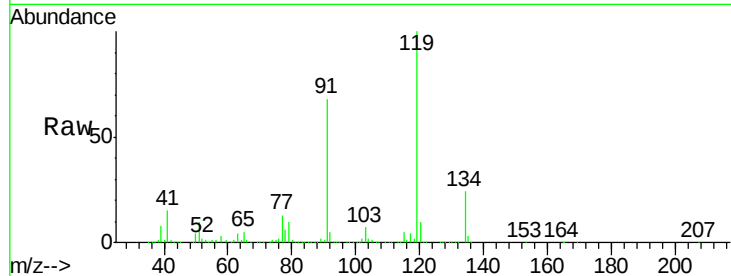
#83
 tert-Butylbenzene
 Concen: 52.17 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VW004151.D
 Acq: 23 Jul 2018 21:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	501586		
91	66.5		33.2	99.6
134	25.7		13.0	38.9

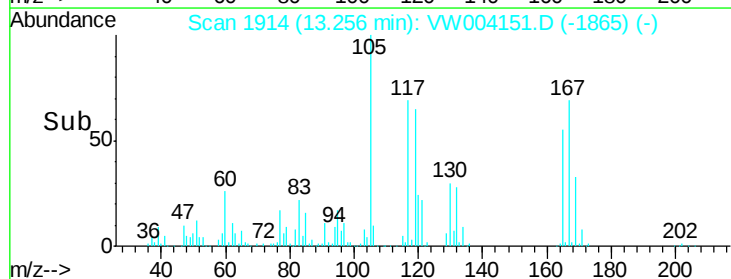
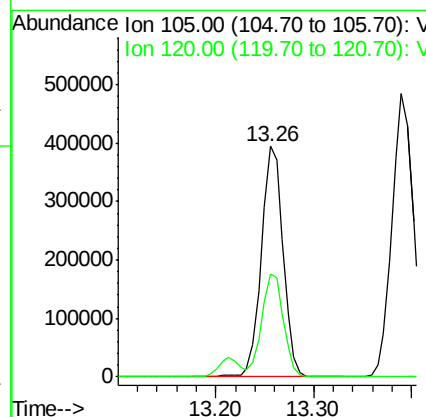
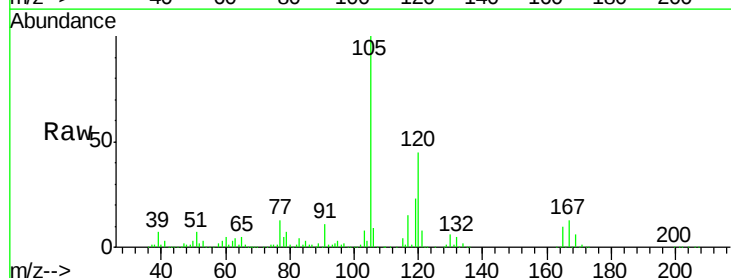
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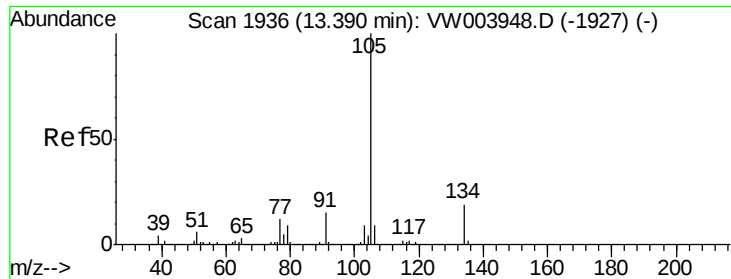
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#84
 1,2,4-Trimethylbenzene
 Concen: 51.96 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: VW004151.D
 Acq: 23 Jul 2018 21:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	612106		
120	44.5		22.1	66.1





#85

sec-Butylbenzene

Concen: 51.52 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VW004151.D

Acq: 23 Jul 2018 21:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 734966

Ion Ratio Lower Upper

105 100

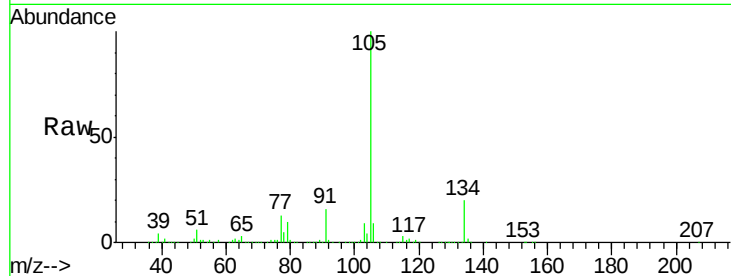
134 19.7 9.8 29.4

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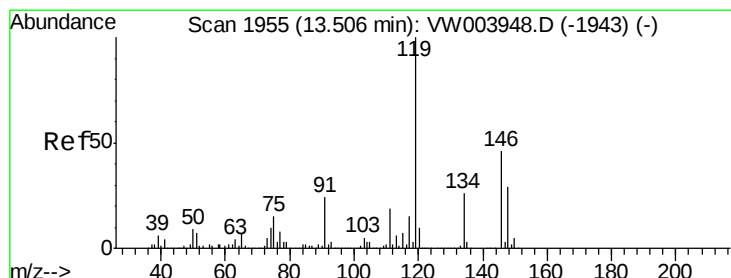
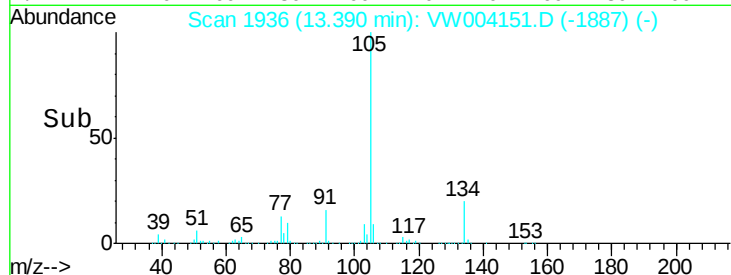
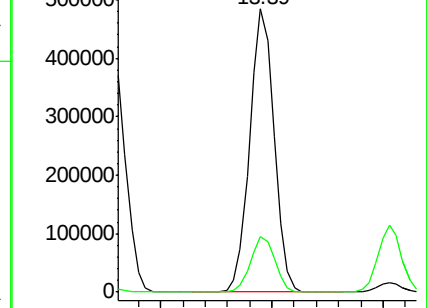
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.56 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW004151.D

Acq: 23 Jul 2018 21:15

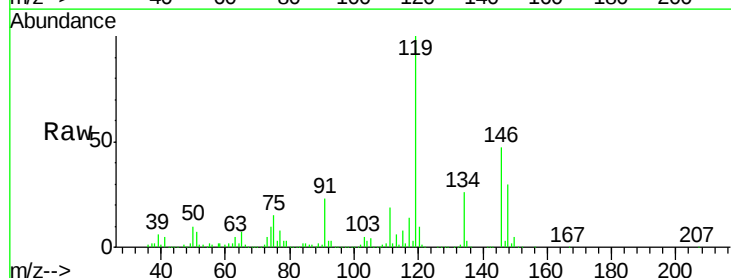
Tgt Ion:119 Resp: 645073

Ion Ratio Lower Upper

119 100

134 26.0 13.0 38.9

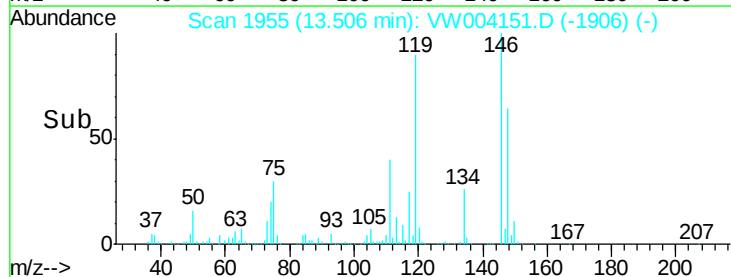
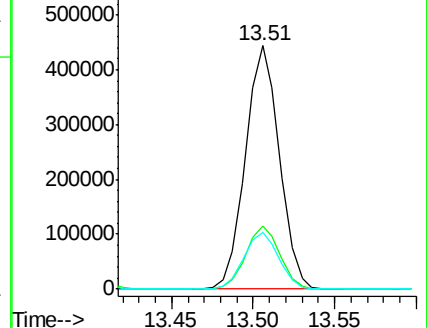
91 23.6 11.8 35.3

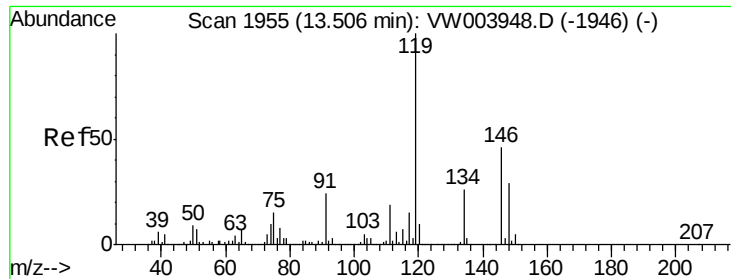


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





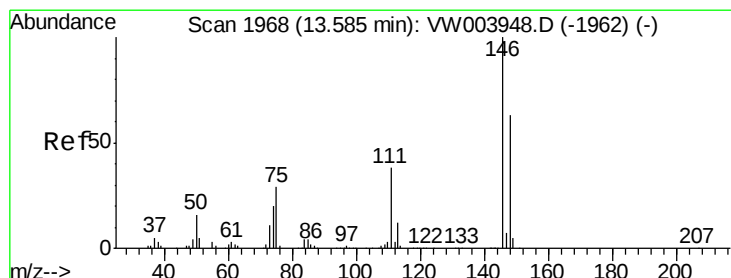
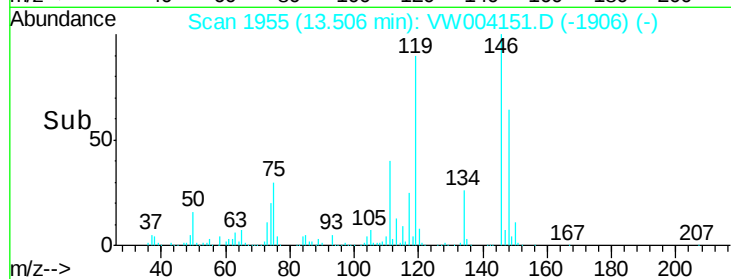
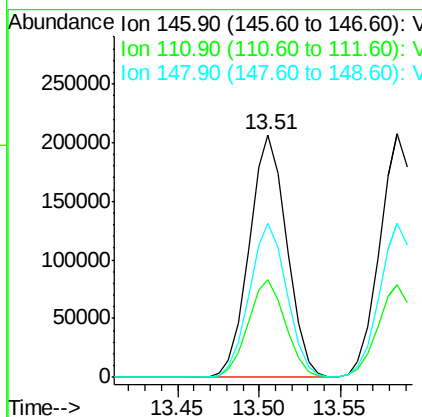
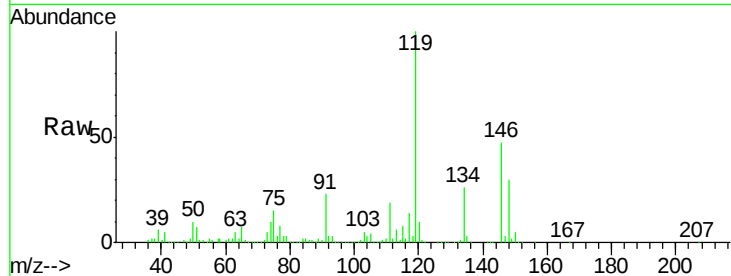
#87
 1,3-Dichlorobenzene
 Concen: 50.69 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW004151.D
 Acq: 23 Jul 2018 21:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	329637		
111	40.1	19.9	59.6	
148	63.5	31.9	95.5	

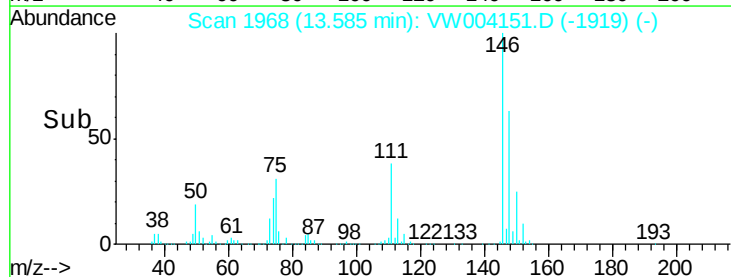
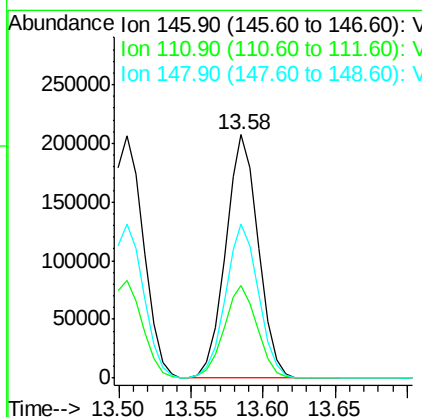
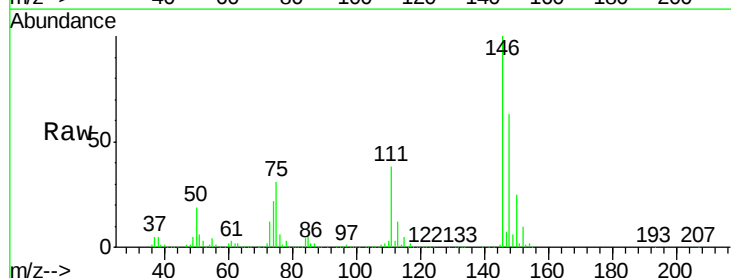
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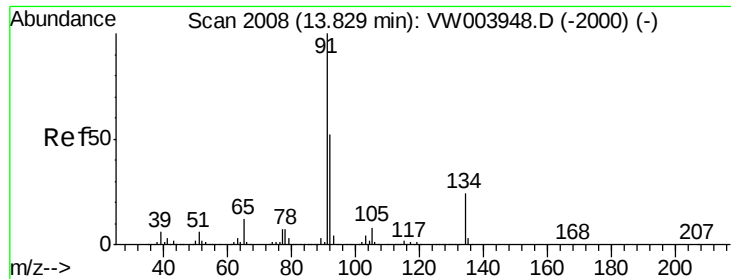
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#88
 1,4-Dichlorobenzene
 Concen: 50.32 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW004151.D
 Acq: 23 Jul 2018 21:15

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	328185		
111	38.8	19.6	58.7	
148	63.7	32.3	96.8	





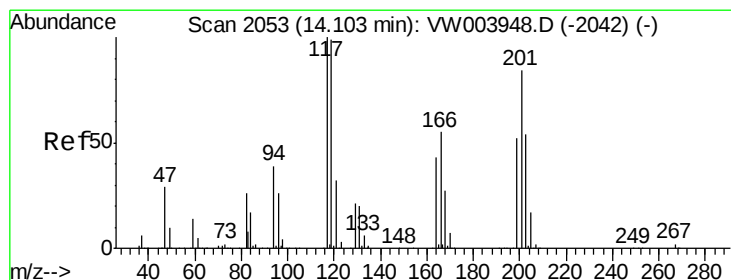
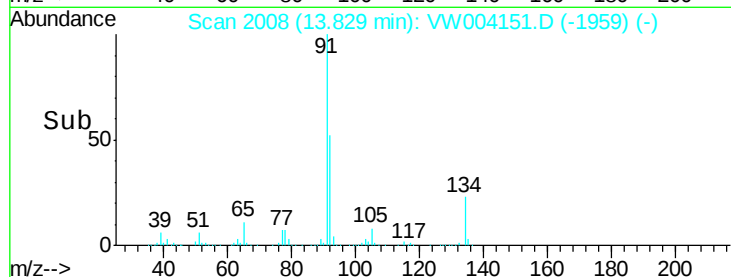
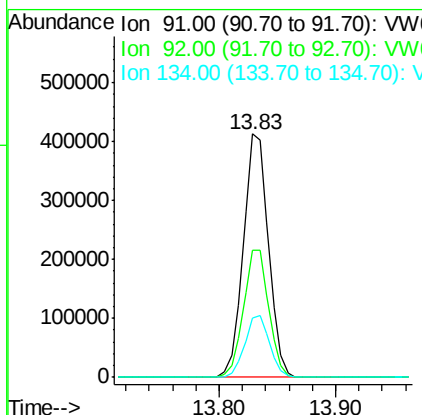
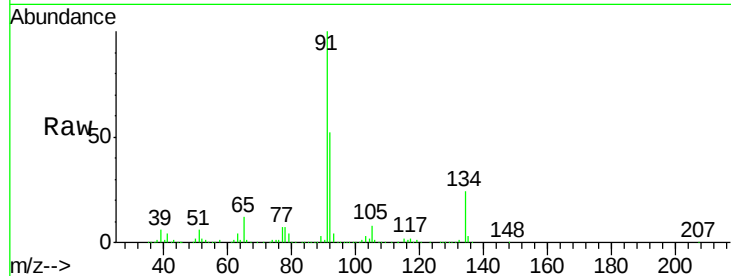
#89
n-Butylbenzene
Concen: 50.56 ug/l
RT: 13.83 min Scan# 2008
Delta R.T. -0.00 min
Lab File: VW004151.D
Acq: 23 Jul 2018 21:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.1	78.3
134	25.1	12.4	37.4

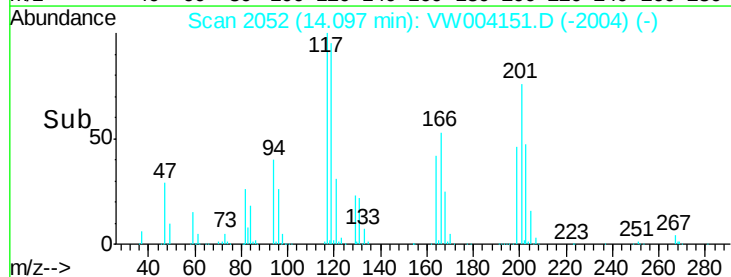
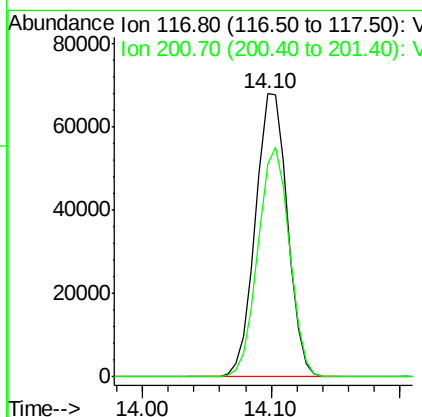
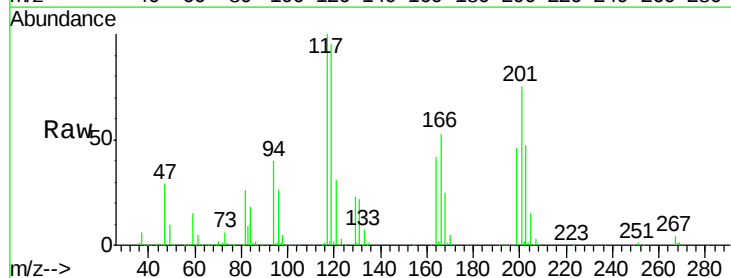
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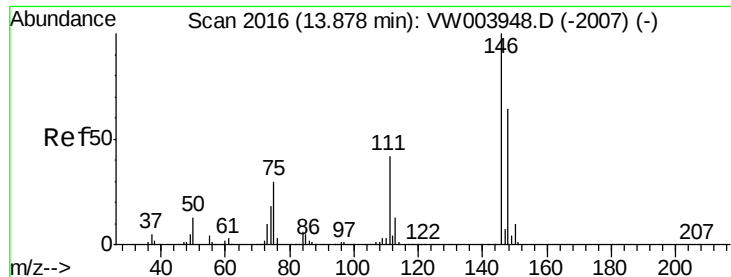
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#90
Hexachloroethane
Concen: 50.66 ug/l
RT: 14.10 min Scan# 2052
Delta R.T. -0.01 min
Lab File: VW004151.D
Acq: 23 Jul 2018 21:15

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.7	40.3	120.9





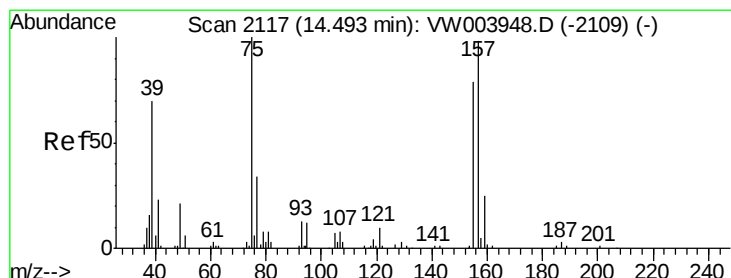
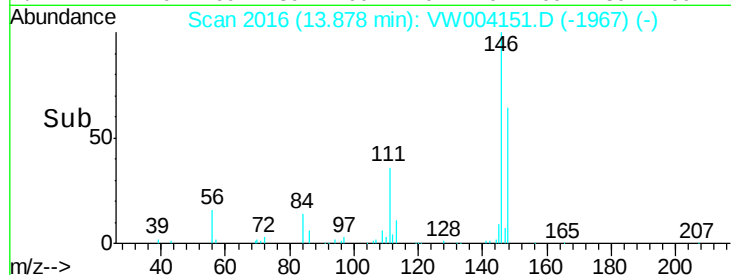
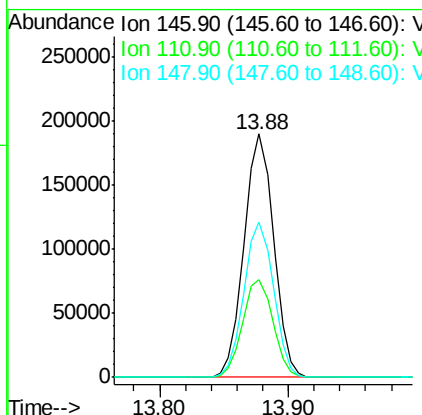
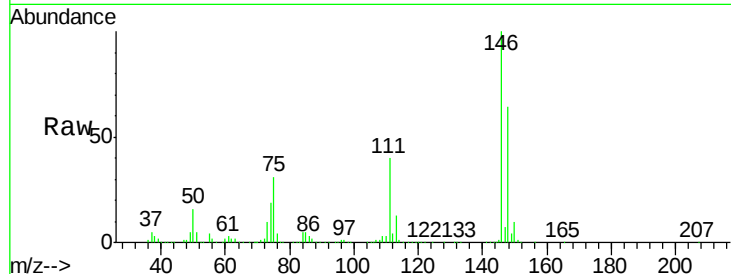
#91
 1,2-Dichlorobenzene
 Concen: 52.05 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: VW004151.D
 Acq: 23 Jul 2018 21:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	301551		
111	41.2	20.7	62.1	
148	63.9	32.0	96.2	

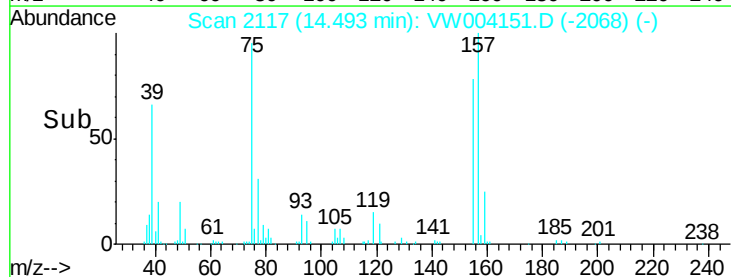
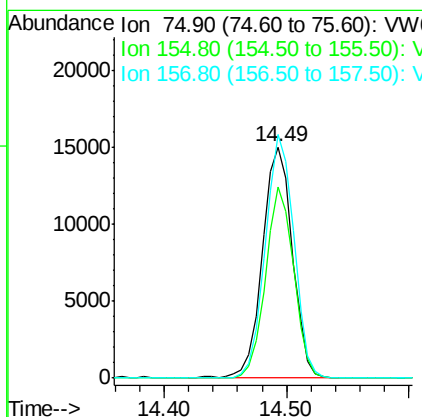
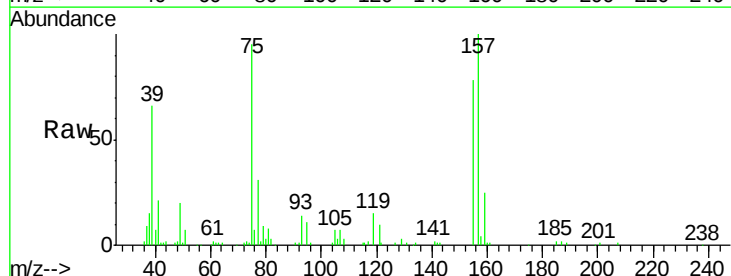
Manual Integrations
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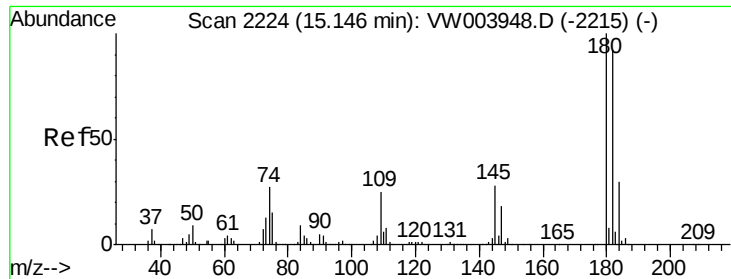
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.81 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VW004151.D
 Acq: 23 Jul 2018 21:15

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	25647		
155	77.4	39.4	118.1	
157	100.4	51.8	155.4	





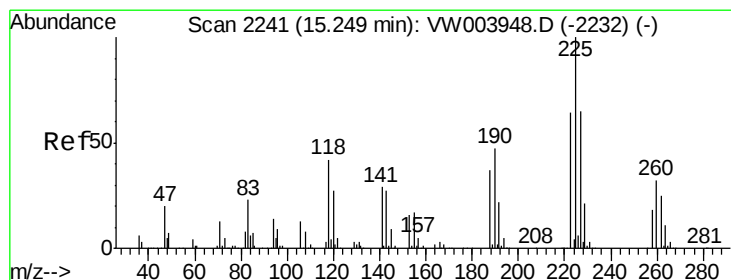
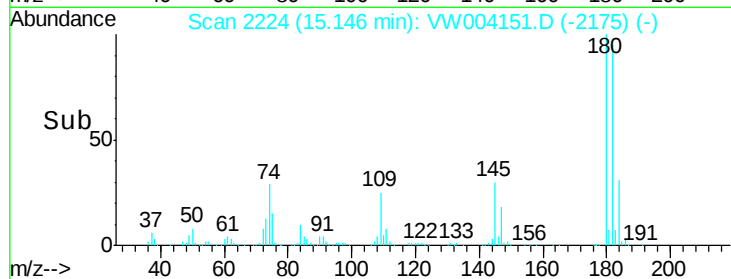
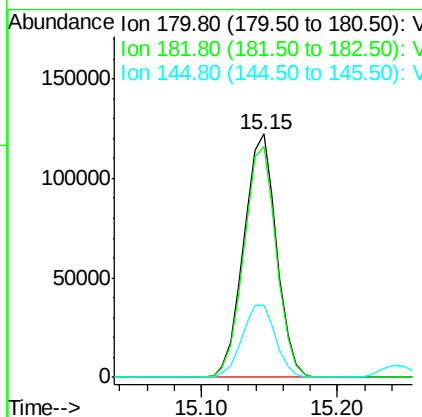
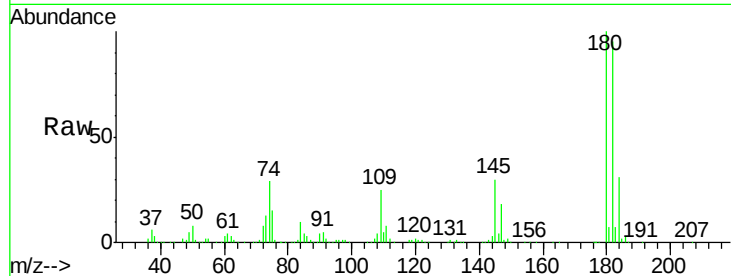
#93
 1,2,4-Trichlorobenzene
 Concen: 50.49 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. -0.00 min
 Lab File: VW004151.D
 Acq: 23 Jul 2018 21:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	46.9	140.8
145	30.6	15.0	45.0

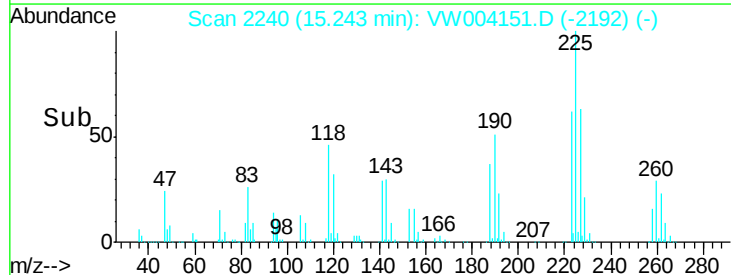
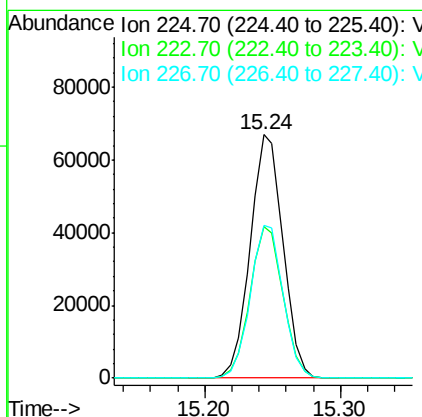
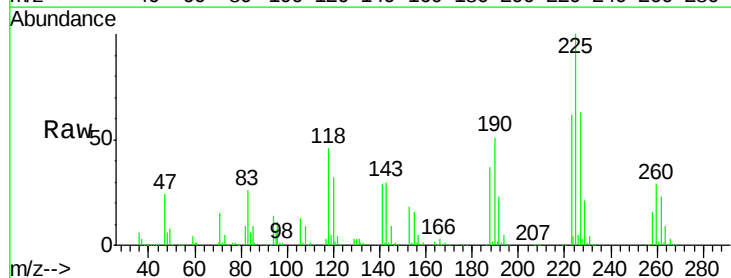
Manual Integrations
 APPROVED

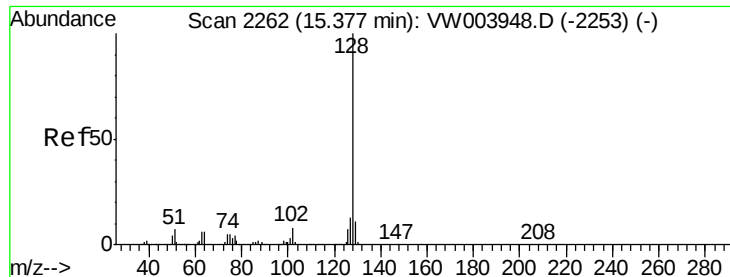
apatel
 7/24/2018 11:49:58 AM



#94
 Hexachlorobutadiene
 Concen: 48.43 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. -0.01 min
 Lab File: VW004151.D
 Acq: 23 Jul 2018 21:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	32.0	96.2
227	62.7	32.3	96.9





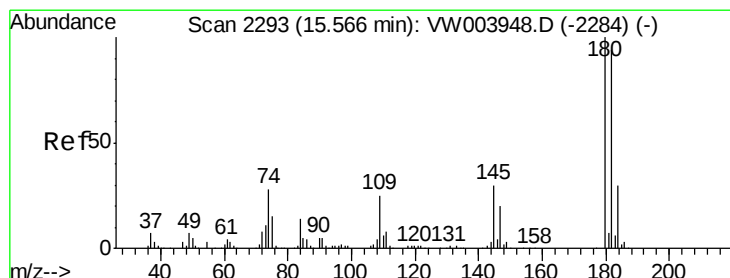
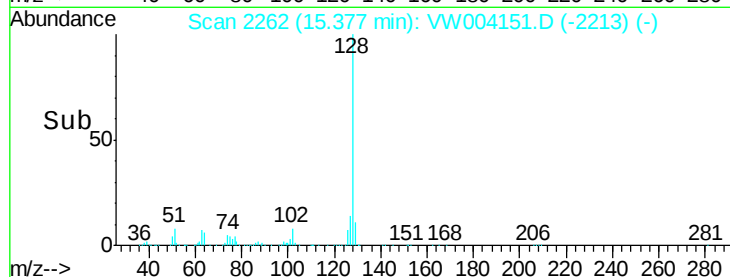
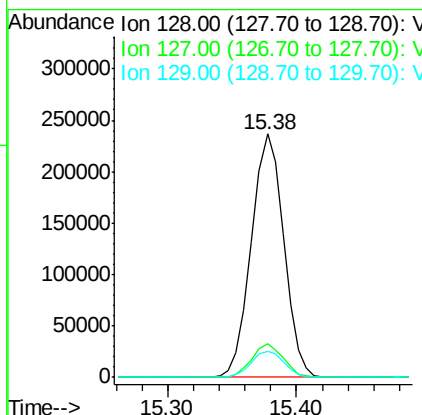
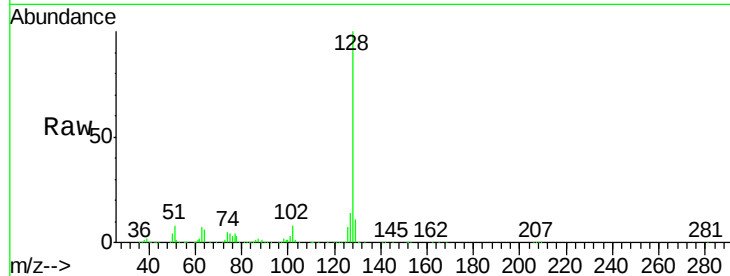
#95
Naphthalene
Concen: 54.82 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VW004151.D
Acq: 23 Jul 2018 21:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.7	16.1
129	10.9	8.7	13.1

Manual Integrations
APPROVED

apatel
7/24/2018 11:49:58 AM



#96
1,2,3-Trichlorobenzene
Concen: 51.18 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VW004151.D
Acq: 23 Jul 2018 21:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.5	142.6
145	32.7	15.8	47.4

