

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081218\
 Data File : VW004566.D
 Acq On : 09 Aug 2018 22:08
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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 8/10/2018 11:49:29 AM

Quant Time: Aug 10 08:16:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 08:22:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	704689	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1073772	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1031623	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	550785	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	370688	47.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.04%	
35) Dibromofluoromethane	7.88	113	361764	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
50) Toluene-d8	10.33	98	1437340	52.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.32%	
62) 4-Bromofluorobenzene	12.62	95	523593	53.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	224629	46.45	ug/l	97
3) Chloromethane	2.22	50	327718	48.64	ug/l	99
4) Vinyl Chloride	2.37	62	464718	49.38	ug/l	99
5) Bromomethane	2.78	94	282639	51.58	ug/l	96
6) Chloroethane	2.93	64	291690	51.87	ug/l	99
7) Trichlorofluoromethane	3.26	101	201476	57.96	ug/l	100
8) Diethyl Ether	3.68	74	204982	46.62	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	380450	49.55	ug/l	100
10) Methyl Iodide	4.26	142	579104	50.27	ug/l	99
11) Tert butyl alcohol	5.20	59	100556	220.16	ug/l	99
12) 1,1-Dichloroethene	4.04	96	378796	49.02	ug/l	96
13) Acrolein	3.89	56	164035	293.12	ug/l	99
14) Allyl chloride	4.67	41	616885	53.13	ug/l	98
15) Acrylonitrile	5.37	53	464441	237.68	ug/l	99
16) Acetone	4.13	43	487058	250.02	ug/l	99
17) Carbon Disulfide	4.38	76	1262262	50.83	ug/l	100
18) Methyl Acetate	4.67	43	218387	44.96	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	513495	48.71	ug/l	96
20) Methylene Chloride	4.91	84	472673	49.61	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	418730	50.28	ug/l	99
22) Diisopropyl ether	6.31	45	1268668	53.17	ug/l	99
23) Vinyl Acetate	6.26	43	3546803	247.34	ug/l	99
24) 1,1-Dichloroethane	6.21	63	760643	49.81	ug/l	99
25) 2-Butanone	7.18	43	716656	228.70	ug/l	100
26) 2,2-Dichloropropane	7.17	77	391291	48.82	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	456217	50.92	ug/l	99
28) Bromochloromethane	7.51	49	334261	50.30	ug/l	100
29) Tetrahydrofuran	7.54	42	372233	229.77	ug/l	100
30) Chloroform	7.68	83	743334	49.55	ug/l	98
31) Cyclohexane	7.96	56	701383	48.00	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	575942	51.11	ug/l	99
36) 1,1-Dichloropropene	8.09	75	595124	51.48	ug/l	100
37) Ethyl Acetate	7.26	43	250240	46.21	ug/l	98
38) Carbon Tetrachloride	8.07	117	537067	51.62	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 08:22:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	744293	52.52	ug/l	99
40) Benzene	8.32	78	1741647	51.30	ug/l	100
41) Methacrylonitrile	7.49	41	143777	47.54	ug/l	99
42) 1,2-Dichloroethane	8.40	62	460062	48.98	ug/l	100
43) Isopropyl Acetate	8.43	43	443696	47.01	ug/l	100
44) Trichloroethene	9.09	130	417209	50.01	ug/l	95
45) 1,2-Dichloropropane	9.37	63	433714	51.01	ug/l	98
46) Dibromomethane	9.46	93	210933	48.73	ug/l	100
47) Bromodichloromethane	9.65	83	511878	50.10	ug/l	99
48) Methyl methacrylate	9.44	41	218611	49.56	ug/l	99
49) 1,4-Dioxane	9.46	88	66359	1004.91	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	1590607	242.10	ug/l	99
52) Toluene	10.39	92	1053576	52.63	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	517271	50.42	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	615451	51.48	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	304040	49.01	ug/l	99
56) Ethyl methacrylate	10.65	69	381031	51.30	ug/l	99
57) 1,3-Dichloropropane	10.94	76	537084	50.23	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	925496	235.18	ug/l	99
59) 2-Hexanone	10.98	43	1101003	247.17	ug/l	99
60) Dibromochloromethane	11.13	129	339166	50.27	ug/l	100
61) 1,2-Dibromoethane	11.24	107	288677	49.53	ug/l	99
64) Tetrachloroethene	10.87	164	365459	50.78	ug/l	97
65) Chlorobenzene	11.66	112	1156014	50.85	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	390447	50.44	ug/l	99
67) Ethyl Benzene	11.74	91	2043387	53.02	ug/l	98
68) m/p-Xylenes	11.85	106	1584053	106.35	ug/l	99
69) o-Xylene	12.17	106	742906	53.78	ug/l	100
70) Styrene	12.19	104	1270308	54.43	ug/l	100
71) Bromoform	12.35	173	207657	48.80	ug/l	99
73) Isopropylbenzene	12.47	105	2029622	53.27	ug/l	100
74) N-amyl acetate	12.28	43	442795	47.93	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	378668	47.61	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	247345m	43.40	ug/l	
77) Bromobenzene	12.75	156	473680	51.39	ug/l	99
78) n-propylbenzene	12.81	91	2527648	53.77	ug/l	100
79) 2-Chlorotoluene	12.90	91	1439183	52.90	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	1755077	54.00	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	112255	47.15	ug/l	98
82) 4-Chlorotoluene	12.99	91	1519556	52.63	ug/l	100
83) tert-Butylbenzene	13.21	119	1464463	53.72	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	1812059	53.86	ug/l	99
85) sec-Butylbenzene	13.39	105	2185309	53.14	ug/l	99
86) p-Isopropyltoluene	13.51	119	1916175	53.77	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	968832	51.01	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	949947	50.24	ug/l	100
89) n-Butylbenzene	13.83	91	1868245	53.36	ug/l	100
90) Hexachloroethane	14.10	117	334069	50.67	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	866288	50.28	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	59489	45.78	ug/l	98

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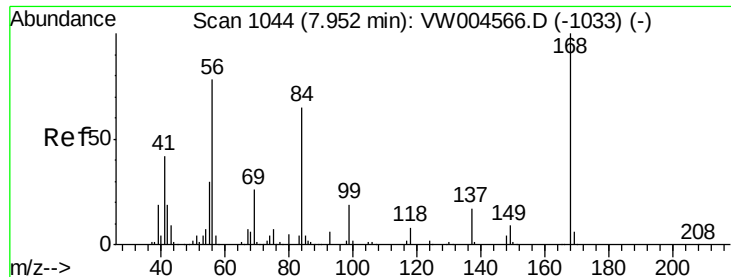
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Tue Aug 07 08:22:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	609927	51.13	ug/l	100
94) Hexachlorobutadiene	15.24	225	354736	51.07	ug/l	98
95) Naphthalene	15.38	128	1135653	46.35	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	551273	51.42	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: VW004566.D

Acq: 09 Aug 2018 22:08

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion:168 Resp: 704689

Ion Ratio Lower Upper

168 100

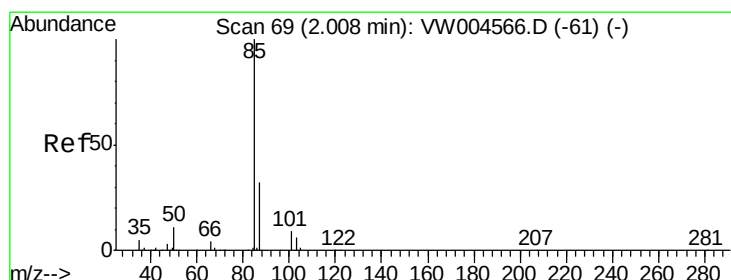
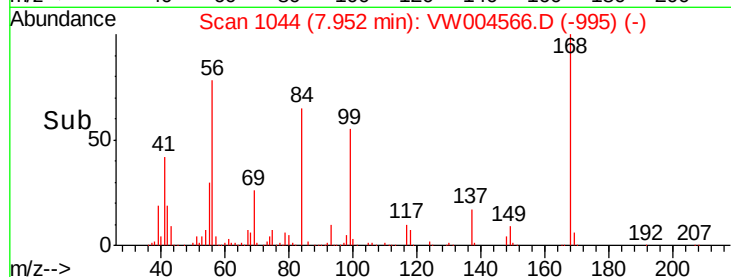
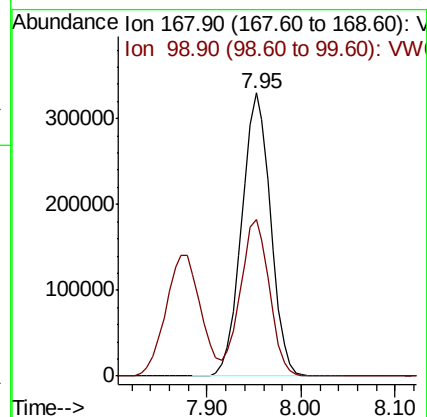
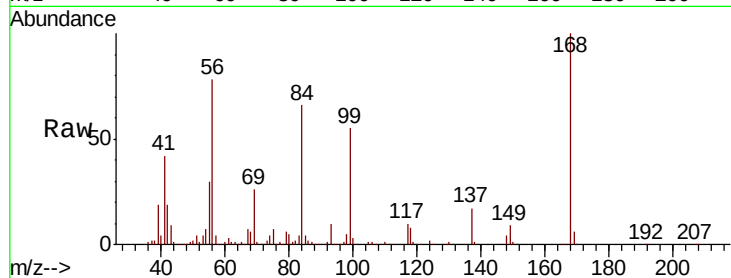
99 55.2 44.1 66.1

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#2

Dichlorodifluoromethane

Concen: 46.45 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.00 min

Lab File: VW004566.D

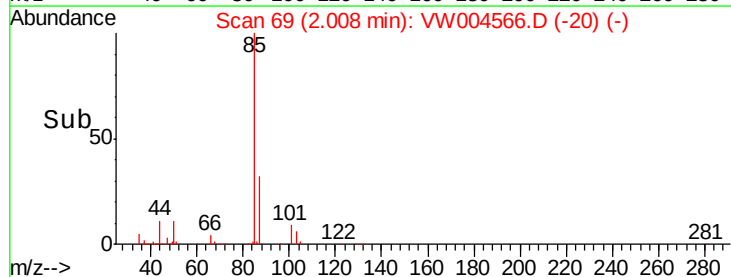
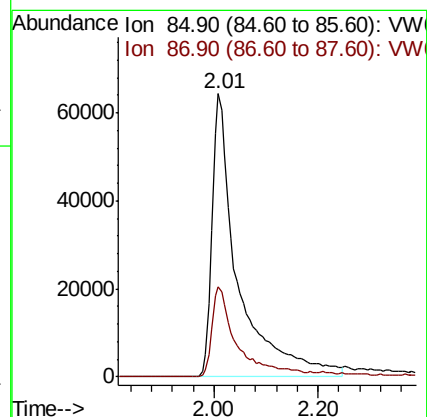
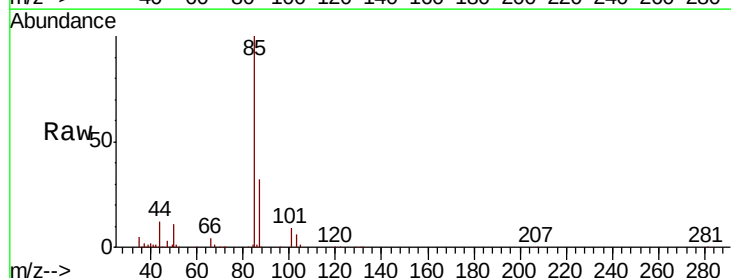
Acq: 09 Aug 2018 22:08

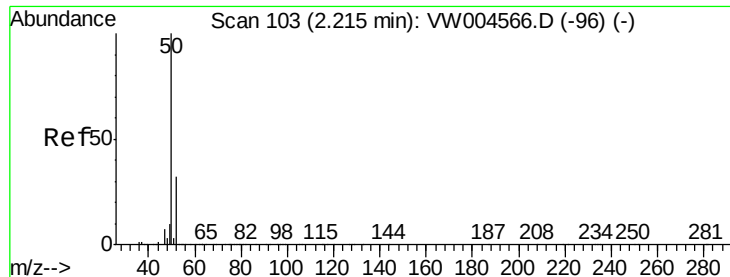
Tgt Ion: 85 Resp: 224629

Ion Ratio Lower Upper

85 100

87 31.7 16.7 50.0





#3

Chloromethane

Concen: 48.64 ug/l

RT: 2.22 min Scan# 103

Delta R.T. 0.00 min

Lab File: VW004566.D

Acq: 09 Aug 2018 22:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 327718

Ion Ratio Lower Upper

50 100

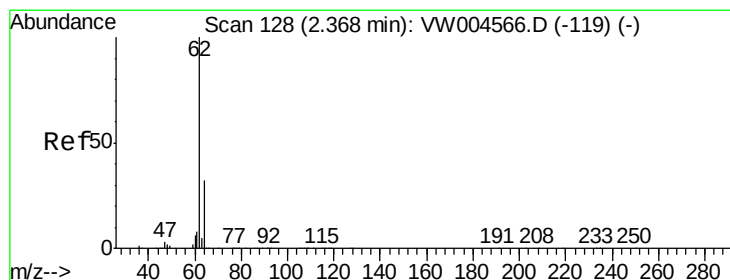
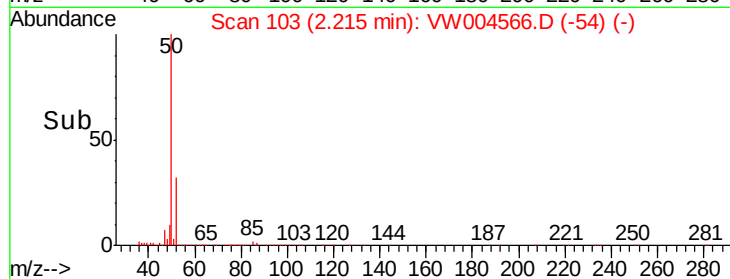
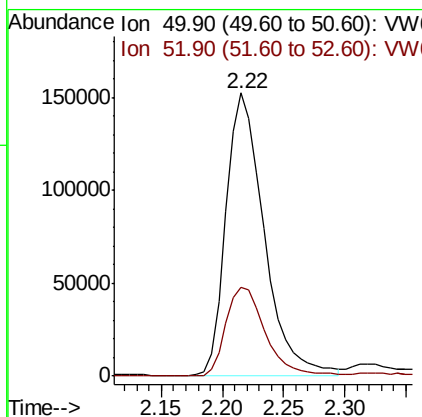
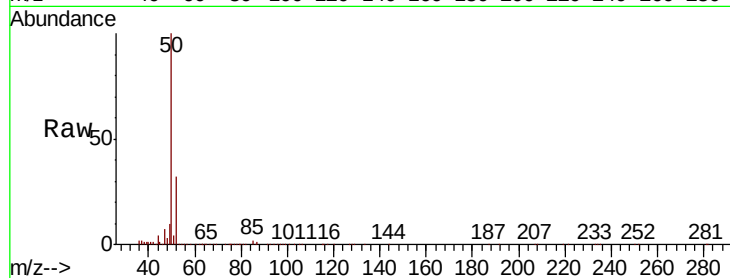
52 31.6 25.8 38.8

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#4

Vinyl Chloride

Concen: 49.38 ug/l

RT: 2.37 min Scan# 128

Delta R.T. 0.00 min

Lab File: VW004566.D

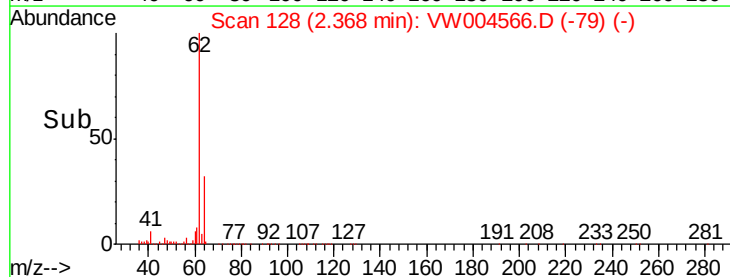
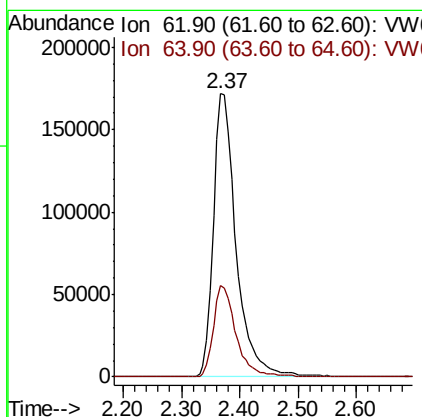
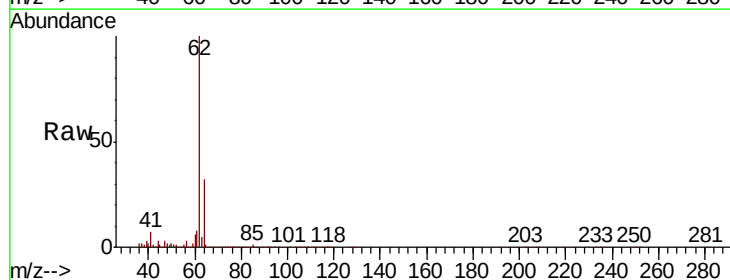
Acq: 09 Aug 2018 22:08

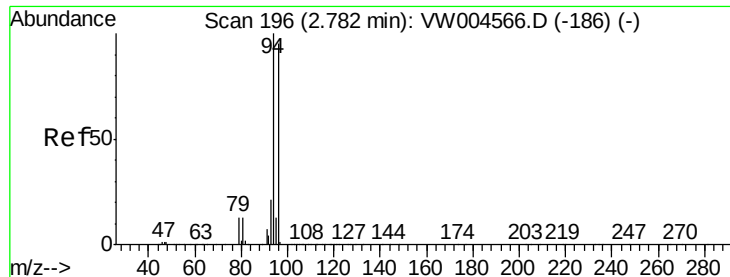
Tgt Ion: 62 Resp: 464718

Ion Ratio Lower Upper

62 100

64 32.3 26.2 39.2





#5

Bromomethane

Concen: 51.58 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VW004566.D

Acq: 09 Aug 2018 22:08

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 94 Resp: 282639

Ion Ratio Lower Upper

94 100

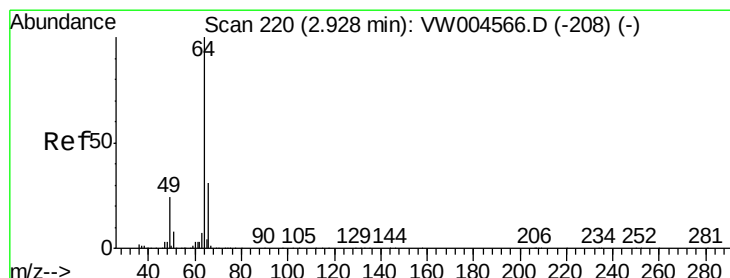
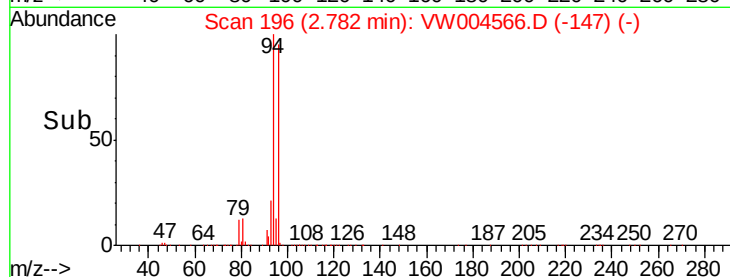
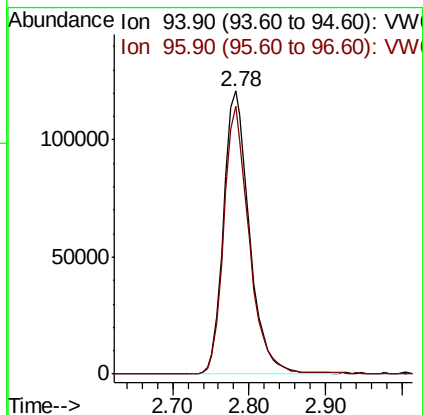
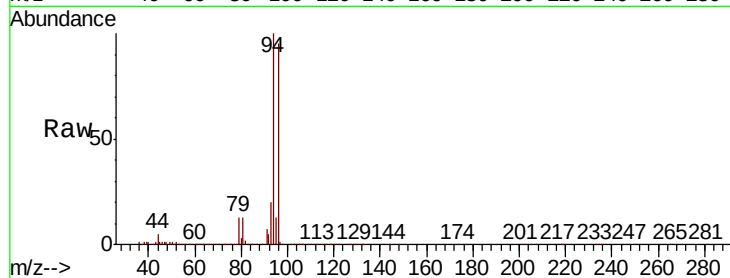
96 94.6 72.9 109.3

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#6

Chloroethane

Concen: 51.87 ug/l

RT: 2.93 min Scan# 220

Delta R.T. 0.01 min

Lab File: VW004566.D

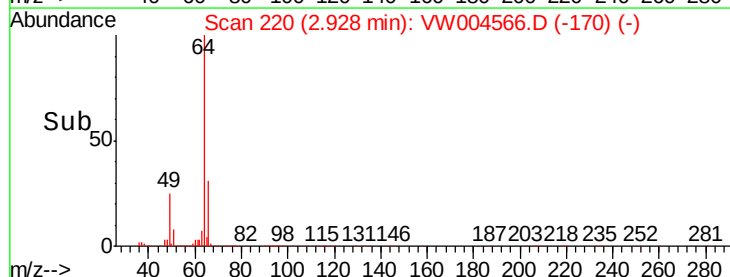
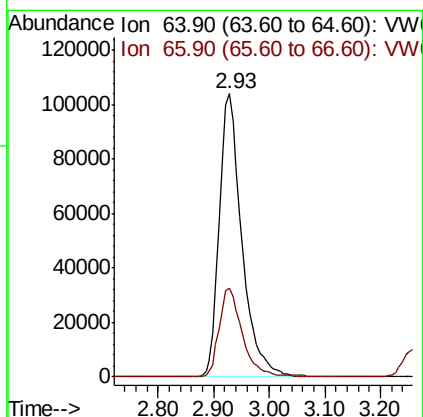
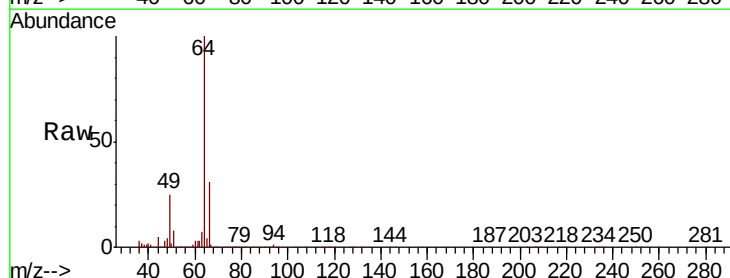
Acq: 09 Aug 2018 22:08

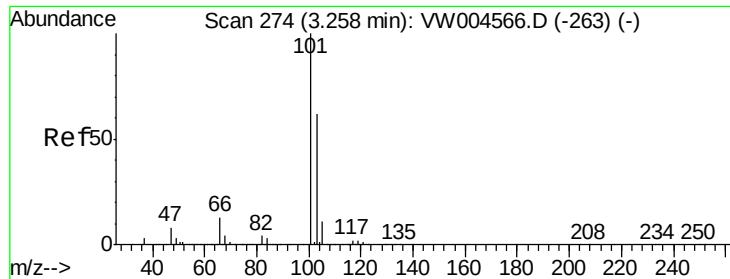
Tgt Ion: 64 Resp: 291690

Ion Ratio Lower Upper

64 100

66 31.3 24.6 36.8





#7

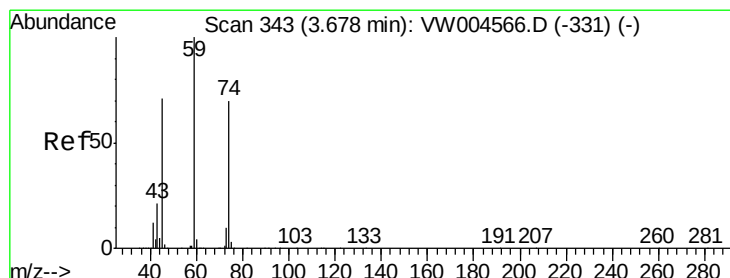
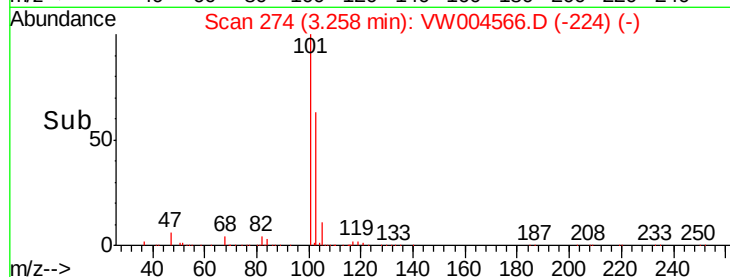
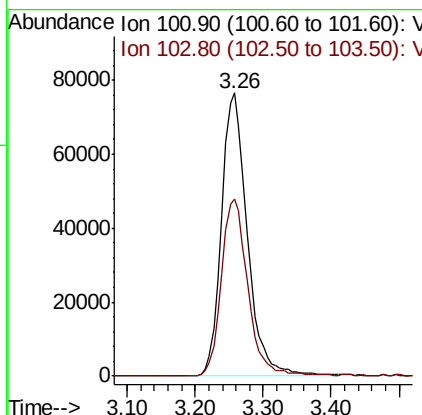
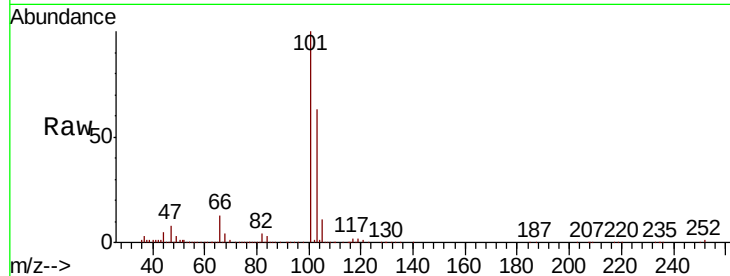
Trichlorofluoromethane
 Concen: 57.96 ug/l
 RT: 3.26 min Scan# 274
 Delta R.T. 0.01 min
 Lab File: VW004566.D
 Acq: 09 Aug 2018 22:08

Instrument :
 MSVOA_W
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 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.4	49.8	74.8

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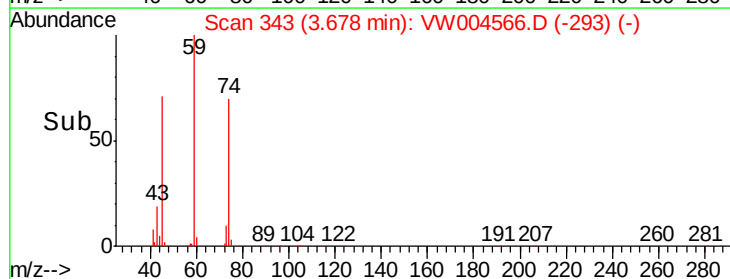
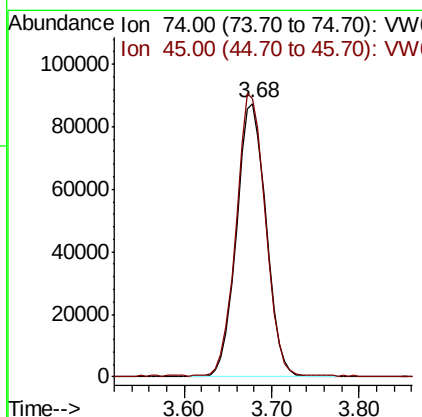
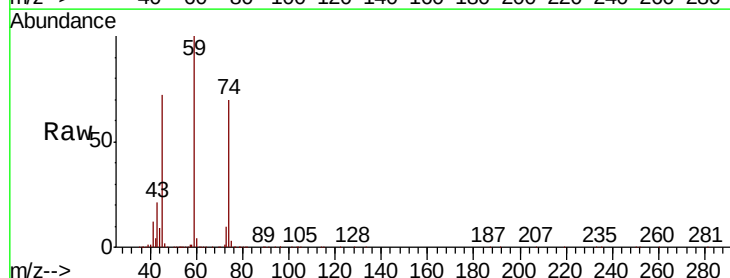
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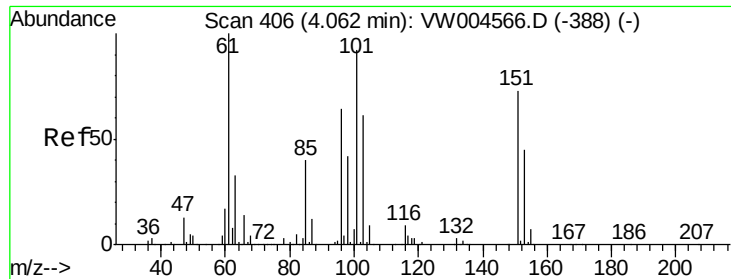


#8

Diethyl Ether
 Concen: 46.62 ug/l
 RT: 3.68 min Scan# 343
 Delta R.T. 0.01 min
 Lab File: VW004566.D
 Acq: 09 Aug 2018 22:08

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.0	51.2	153.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.55 ug/l

RT: 4.06 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW004566.D

Acq: 09 Aug 2018 22:08

Instrument :

MSVOA_W

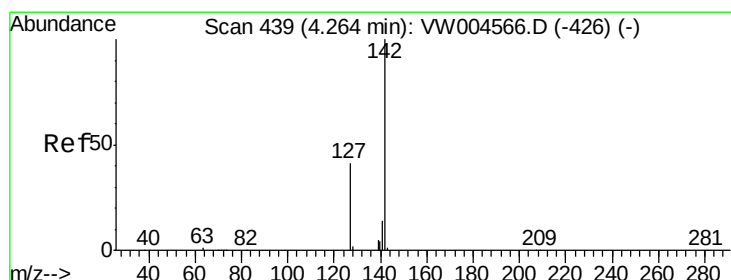
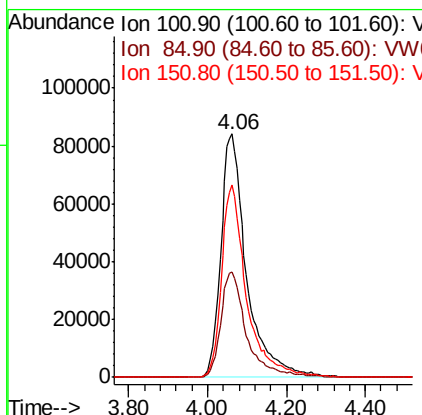
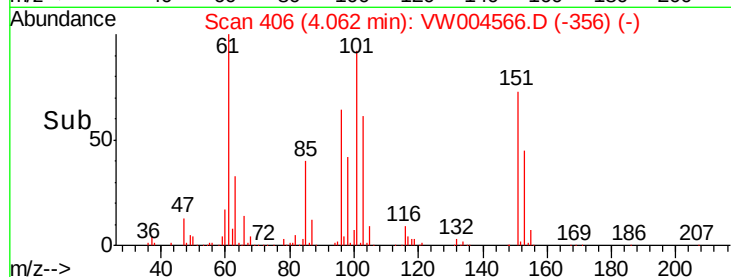
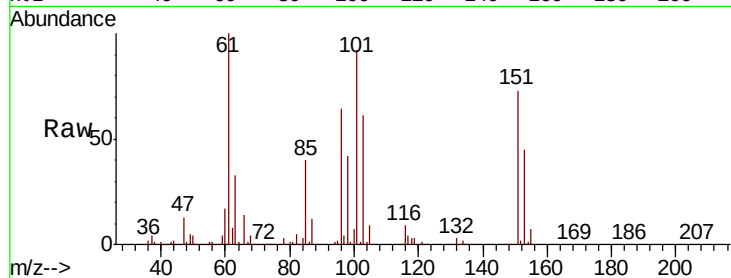
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	380450
Ion Ratio	Lower	Upper	
101	100		
85	43.4	34.6	51.8
151	77.0	61.3	91.9

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#10

Methyl Iodide

Concen: 50.27 ug/l

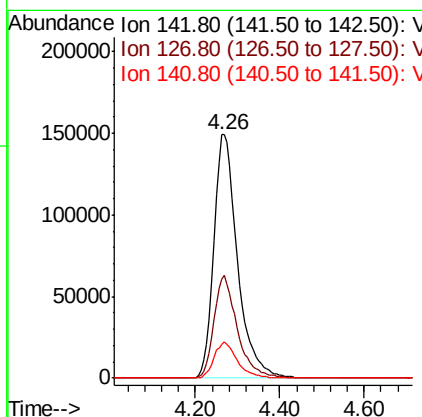
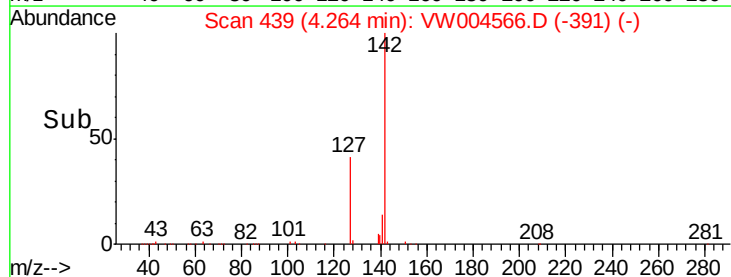
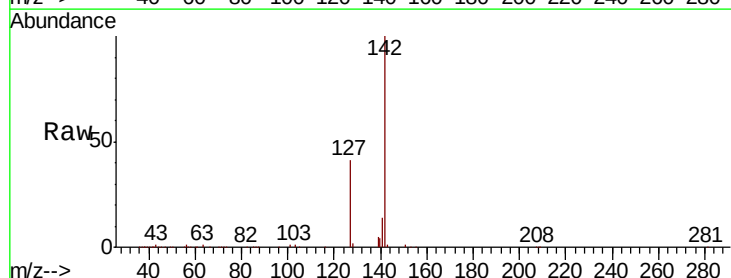
RT: 4.26 min Scan# 439

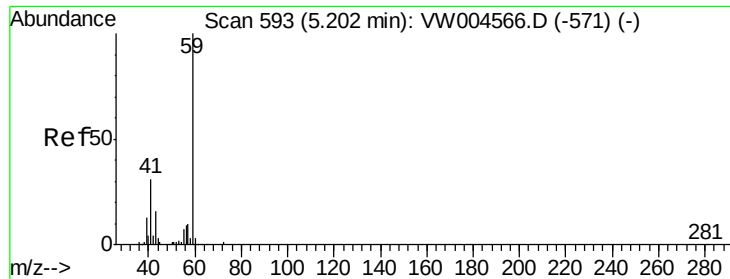
Delta R.T. -0.01 min

Lab File: VW004566.D

Acq: 09 Aug 2018 22:08

Tgt Ion:	142	Resp:	579104
Ion Ratio	Lower	Upper	
142	100		
127	41.5	32.7	49.1
141	14.6	11.5	17.3





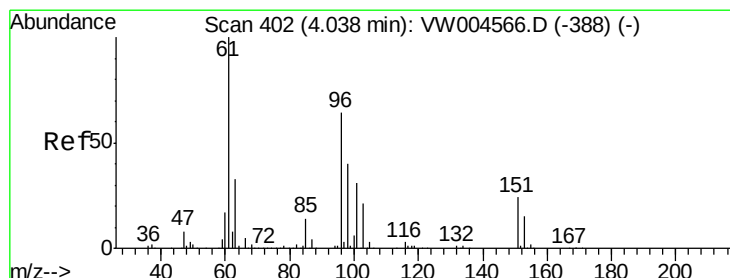
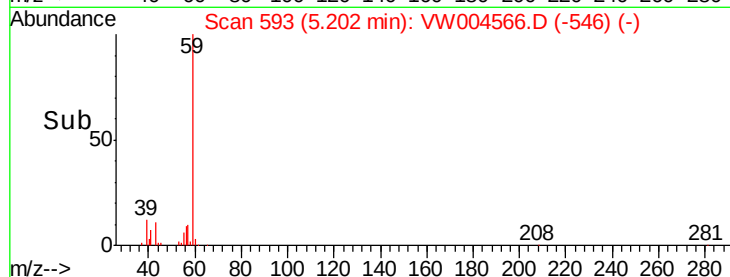
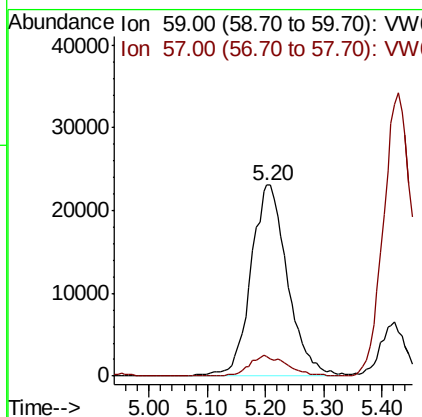
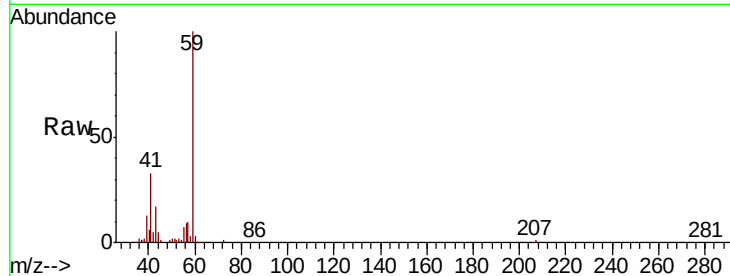
#11
Tert butyl alcohol
Concen: 220.16 ug/l
RT: 5.20 min Scan# 593
Delta R.T. -0.01 min
Lab File: VW004566.D
Acq: 09 Aug 2018 22:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.9	9.1	13.7

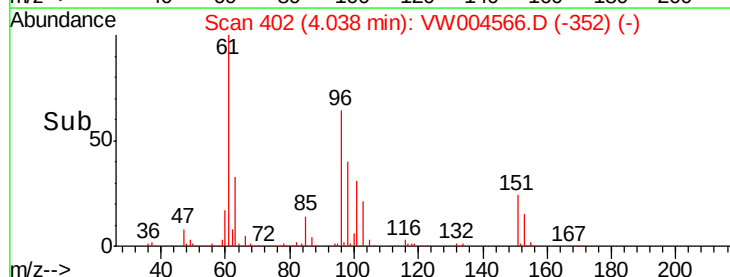
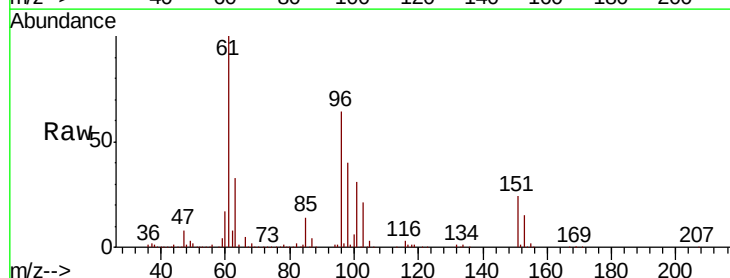
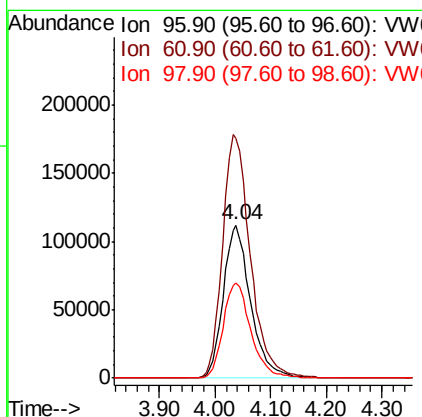
Manual Integrations
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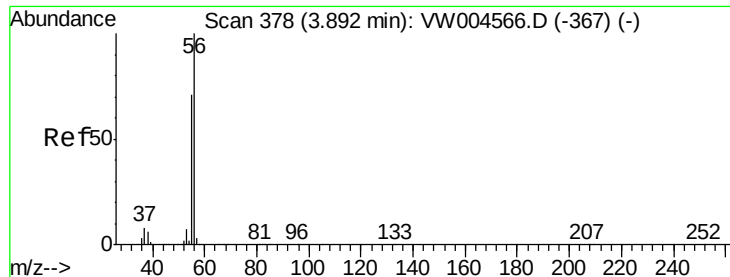
apatel
8/10/2018 11:49:29 AM



#12
1,1-Dichloroethene
Concen: 49.02 ug/l
RT: 4.04 min Scan# 402
Delta R.T. 0.01 min
Lab File: VW004566.D
Acq: 09 Aug 2018 22:08

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.0	130.6	195.8
98	62.5	49.6	74.4





#13

Acrolein

Concen: 293.12 ug/l

RT: 3.89 min Scan# 378

Delta R.T. 0.00 min

Lab File: VW004566.D

Acq: 09 Aug 2018 22:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 164035

Ion Ratio Lower Upper

56 100

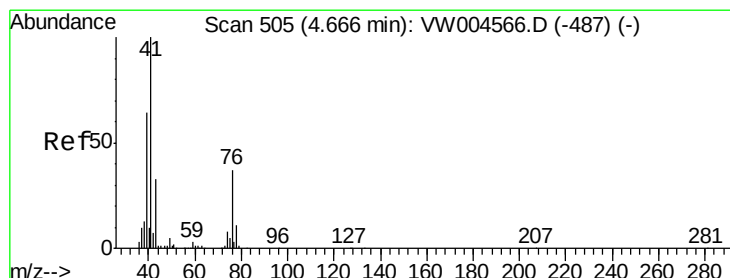
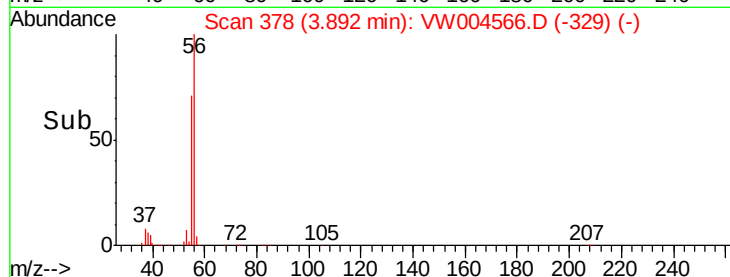
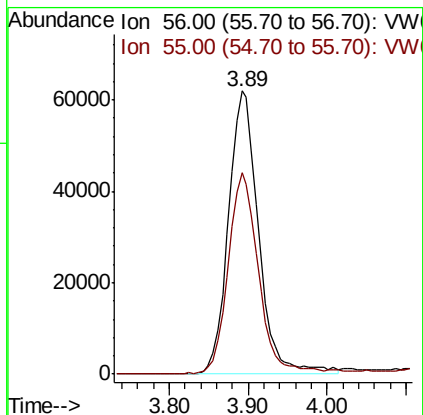
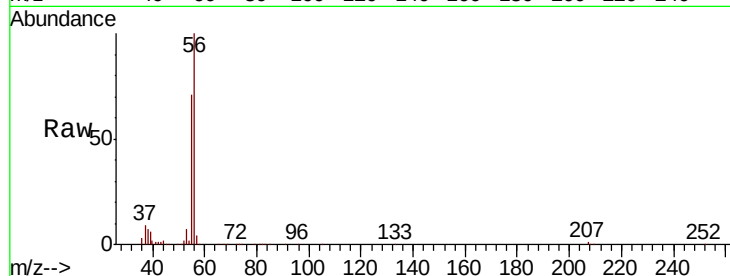
55 71.5 56.7 85.1

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#14

Allyl chloride

Concen: 53.13 ug/l

RT: 4.67 min Scan# 505

Delta R.T. 0.01 min

Lab File: VW004566.D

Acq: 09 Aug 2018 22:08

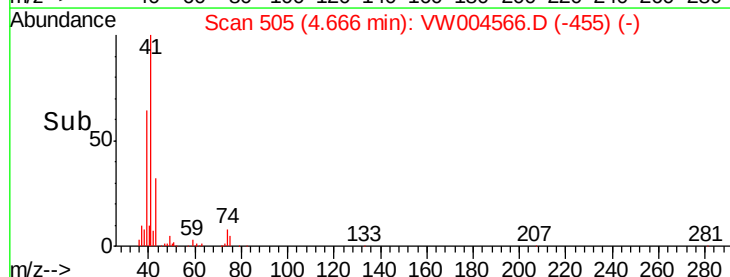
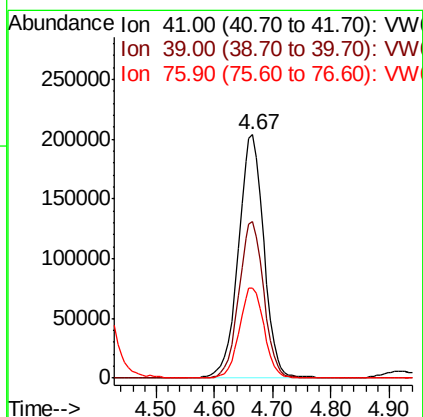
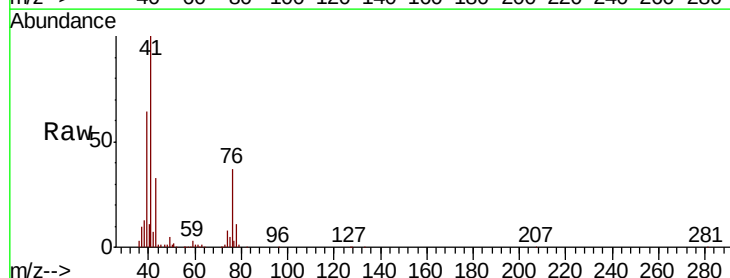
Tgt Ion: 41 Resp: 616885

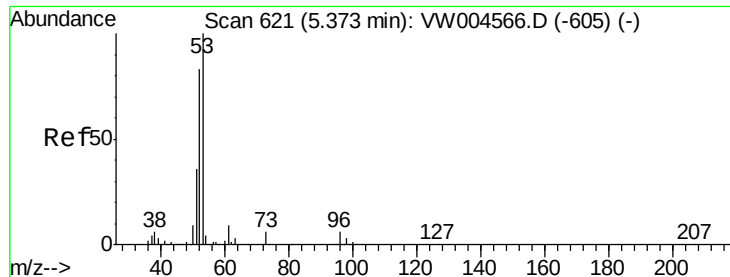
Ion Ratio Lower Upper

41 100

39 62.6 51.9 77.9

76 35.7 29.0 43.6





#15

Acrylonitrile

Concen: 237.68 ug/l

RT: 5.37 min Scan# 621

Delta R.T. 0.00 min

Lab File: VW004566.D

Acq: 09 Aug 2018 22:08

Instrument :

MSVOA_W

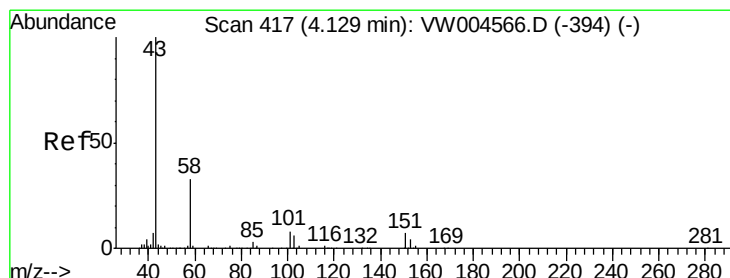
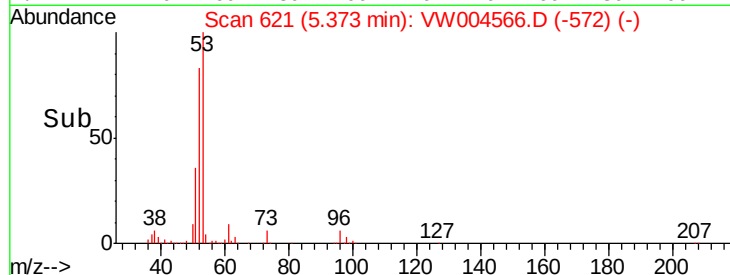
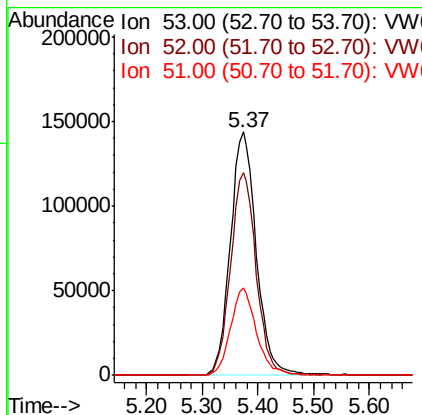
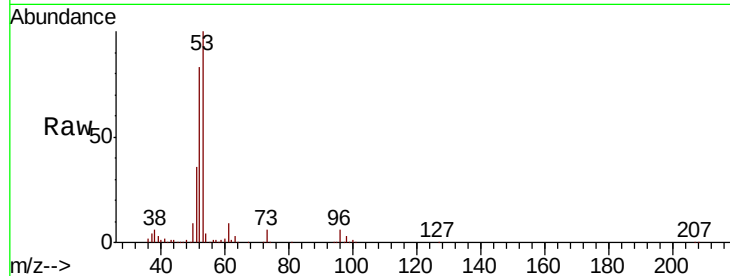
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	464441
Ion Ratio	Lower	Upper	
53	100		
52	81.7	66.5	99.7
51	35.6	28.4	42.6

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#16

Acetone

Concen: 250.02 ug/l

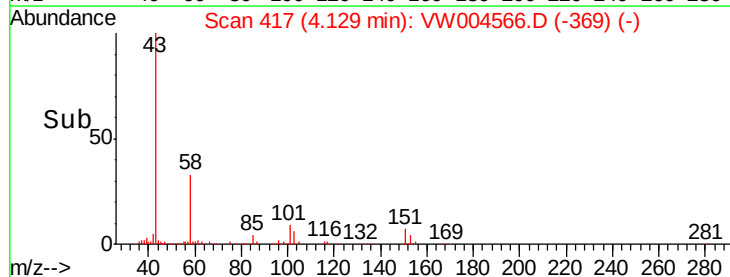
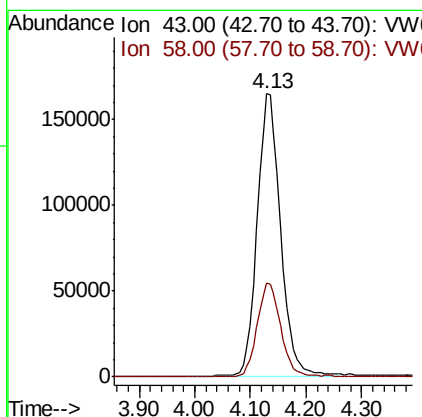
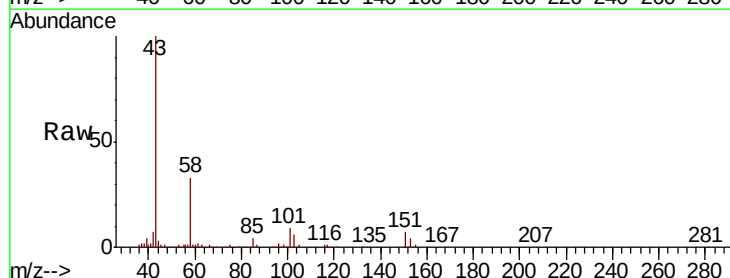
RT: 4.13 min Scan# 417

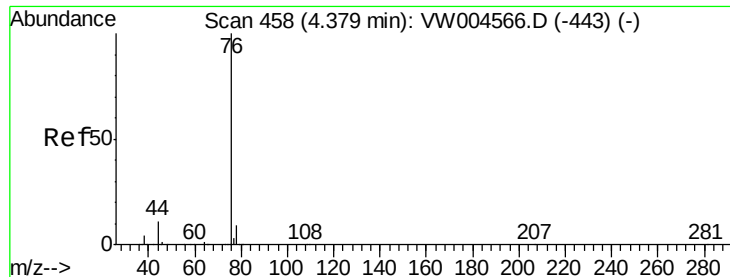
Delta R.T. -0.01 min

Lab File: VW004566.D

Acq: 09 Aug 2018 22:08

Tgt Ion:	43	Resp:	487058
Ion Ratio	Lower	Upper	
43	100		
58	33.0	26.8	40.2





#17

Carbon Disulfide

Concen: 50.83 ug/l

RT: 4.38 min Scan# 458

Delta R.T. 0.00 min

Lab File: VW004566.D

Acq: 09 Aug 2018 22:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 1262262

Ion Ratio Lower Upper

76 100

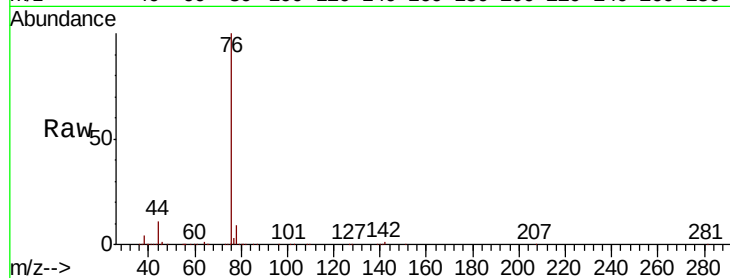
78 8.9 7.0 10.4

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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.38

400000

300000

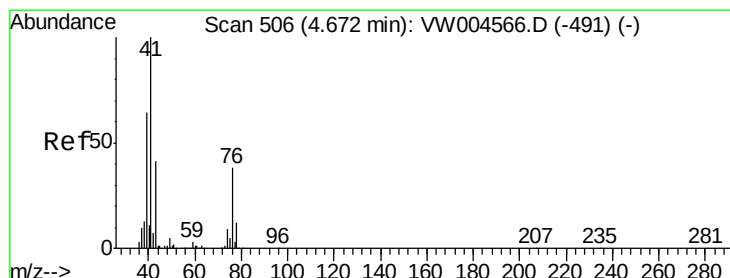
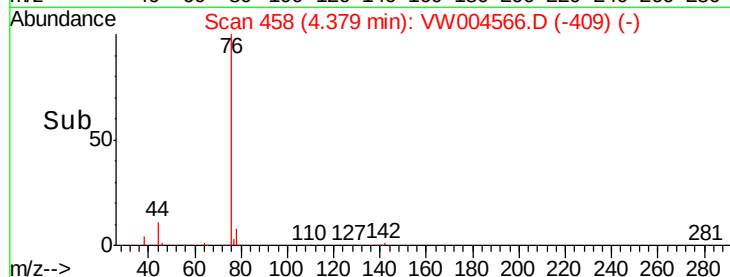
200000

100000

0

4.20 4.40 4.60

Time-->



#18

Methyl Acetate

Concen: 44.96 ug/l

RT: 4.67 min Scan# 506

Delta R.T. 0.00 min

Lab File: VW004566.D

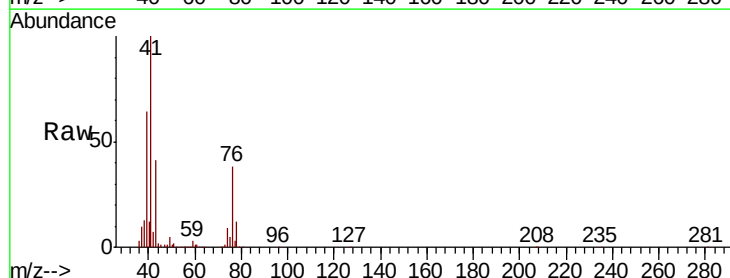
Acq: 09 Aug 2018 22:08

Tgt Ion: 43 Resp: 218387

Ion Ratio Lower Upper

43 100

74 23.7 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.67

80000

60000

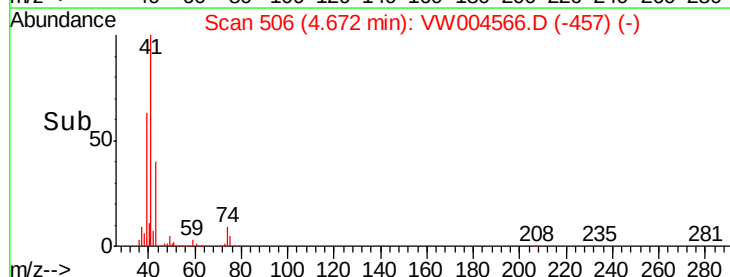
40000

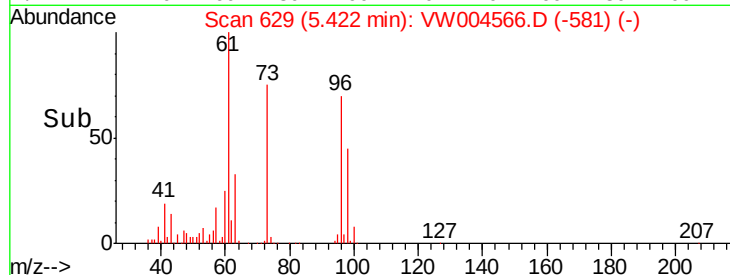
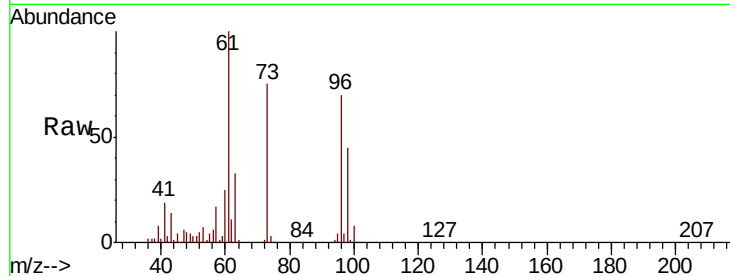
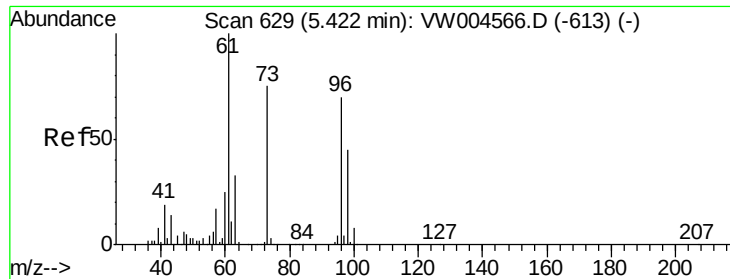
20000

0

4.50 4.60 4.70 4.80

Time-->





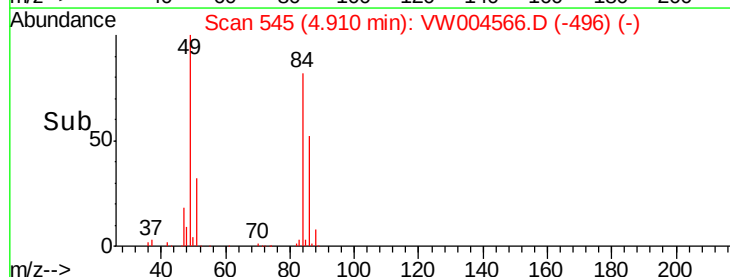
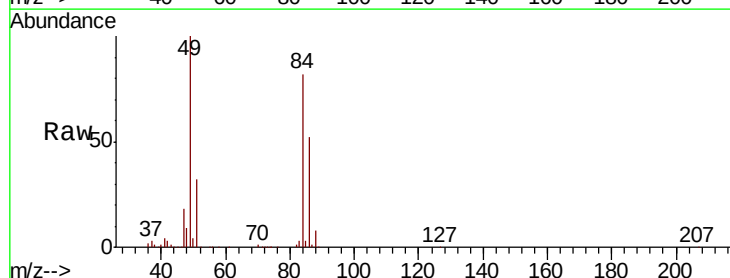
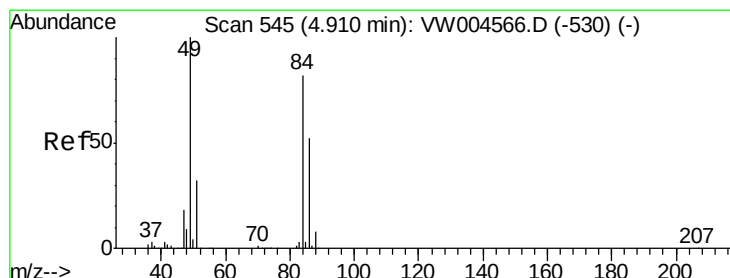
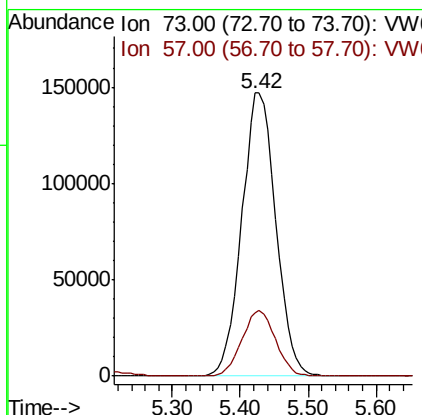
#19
Methyl tert-butyl Ether
Concen: 48.71 ug/l
RT: 5.42 min Scan# 629
Delta R.T. -0.01 min
Lab File: VW004566.D
Acq: 09 Aug 2018 22:08

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.3	19.6	29.4

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

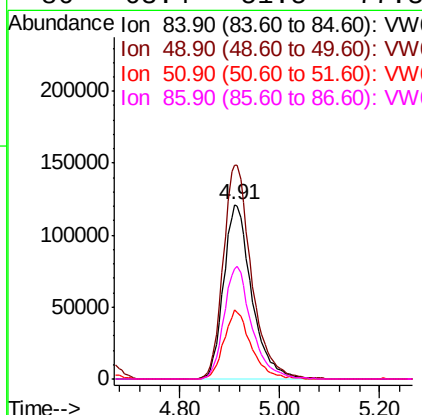
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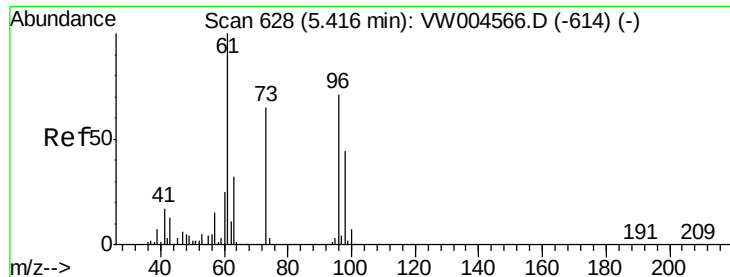
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#20
Methylene Chloride
Concen: 49.61 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW004566.D
Acq: 09 Aug 2018 22:08

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.3	99.6	149.4
51	39.7	31.0	46.4
86	63.4	51.5	77.3





#21

trans-1,2-Dichloroethene

Concen: 50.28 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW004566.D

Acq: 09 Aug 2018 22:08

Instrument :

MSVOA_W

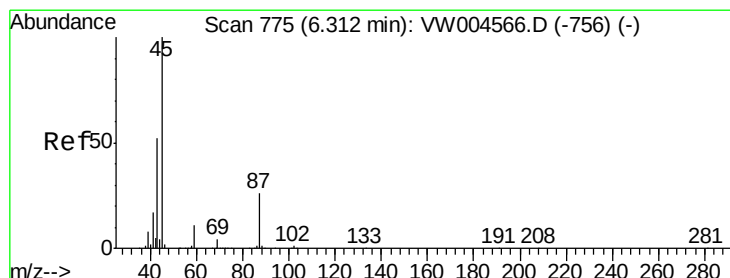
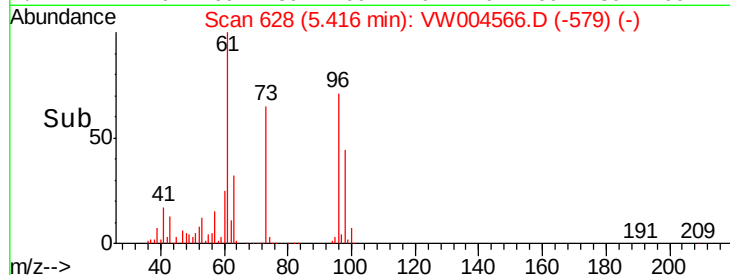
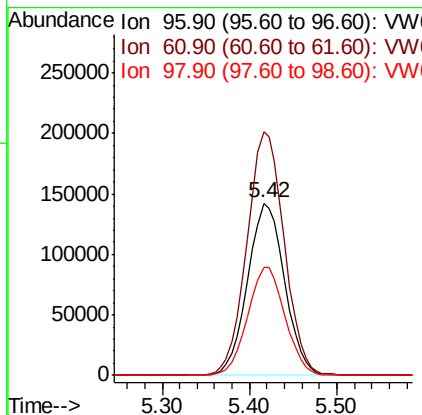
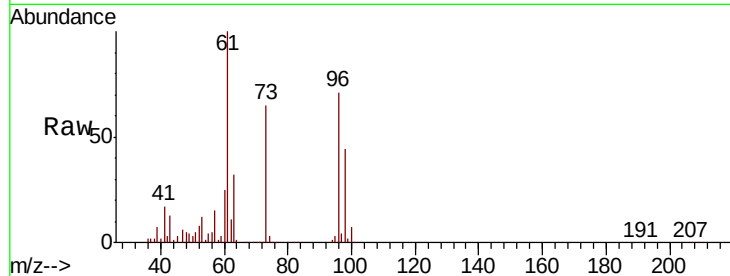
ClientSampled :

VSTDCCC050

Tot Ion:	96	Resp:	418730
Ion	Ratio	Lower	Upper
96	100		
61	141.6	114.1	171.1
98	63.0	51.4	77.2

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#22

Diisopropyl ether

Concen: 53.17 ug/l

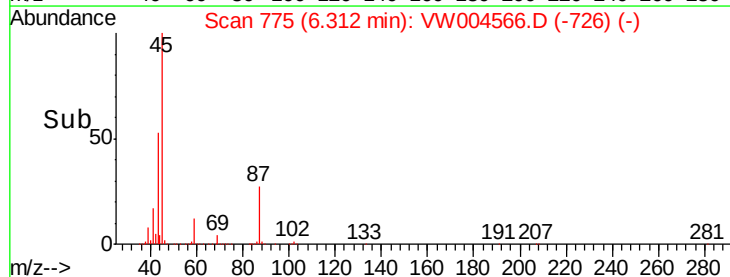
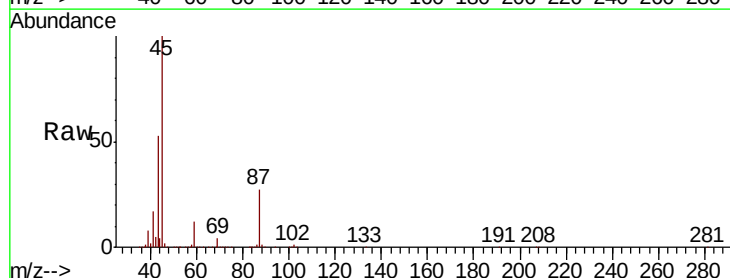
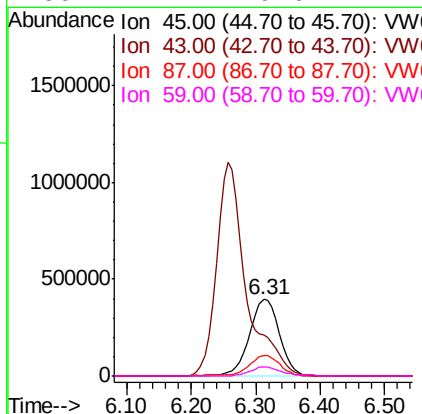
RT: 6.31 min Scan# 775

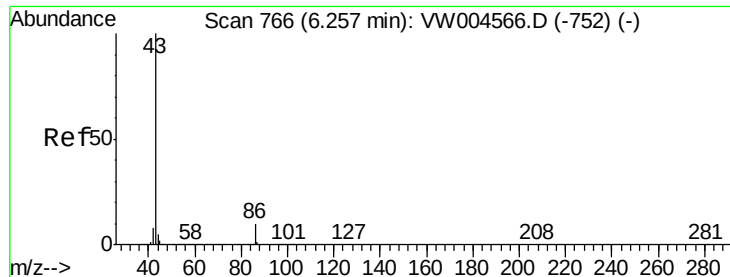
Delta R.T. 0.00 min

Lab File: VW004566.D

Acq: 09 Aug 2018 22:08

Tgt Ion:	45	Resp:	1268668
Ion	Ratio	Lower	Upper
45	100		
43	52.3	42.4	63.6
87	26.4	21.6	32.4
59	11.4	9.6	14.4





#23

Vinyl Acetate

Concen: 247.34 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW004566.D

Acq: 09 Aug 2018 22:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 3546803

Ion Ratio Lower Upper

43 100

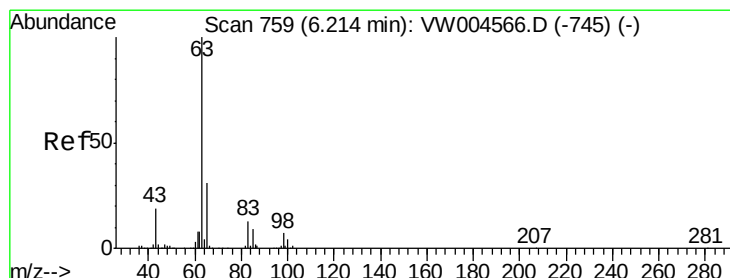
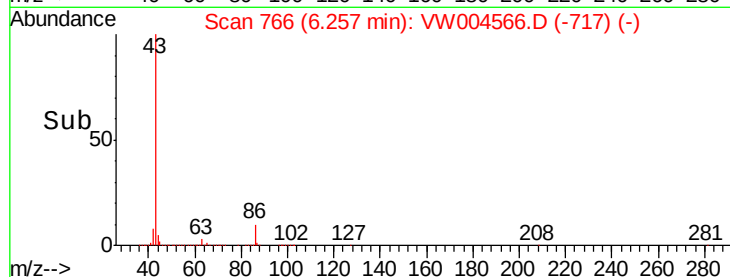
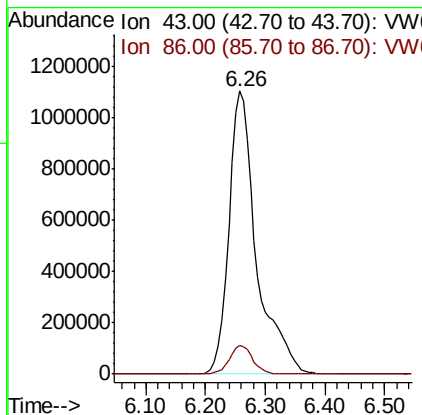
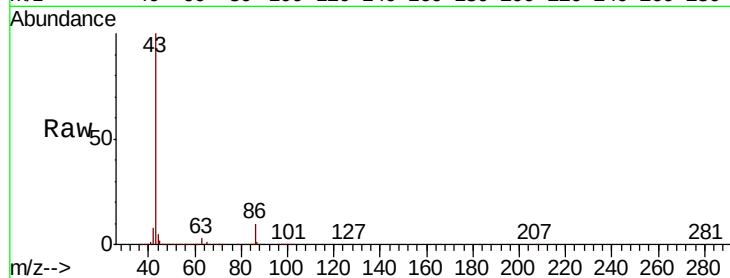
86 10.2 7.9 11.9

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#24

1,1-Dichloroethane

Concen: 49.81 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VW004566.D

Acq: 09 Aug 2018 22:08

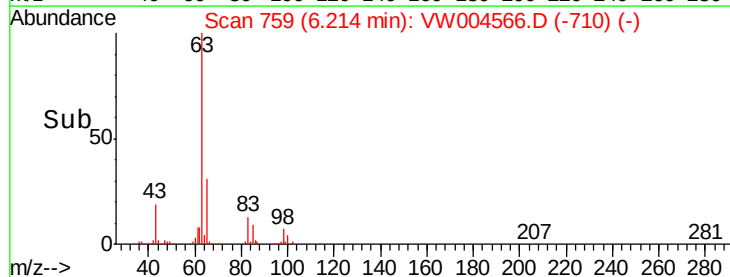
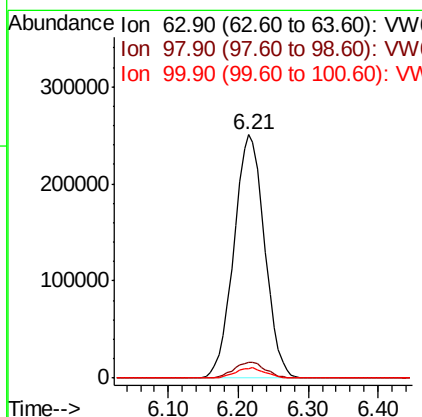
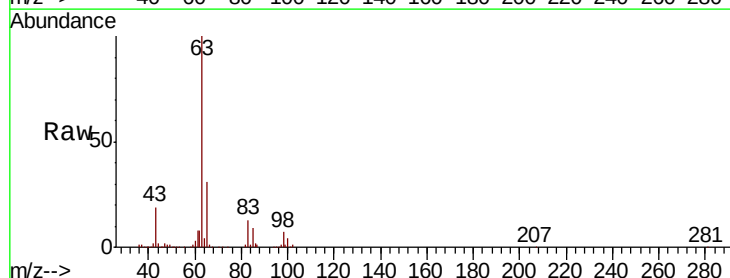
Tgt Ion: 63 Resp: 760643

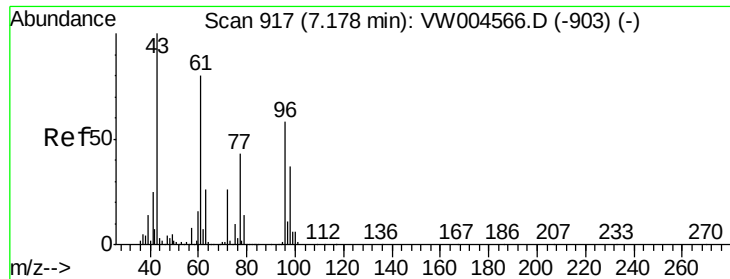
Ion Ratio Lower Upper

63 100

98 6.6 3.1 9.3

100 4.0 2.1 6.5





#25

2-Butanone

Concen: 228.70 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.01 min

Lab File: VW004566.D

Acq: 09 Aug 2018 22:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 716656

Ion Ratio Lower Upper

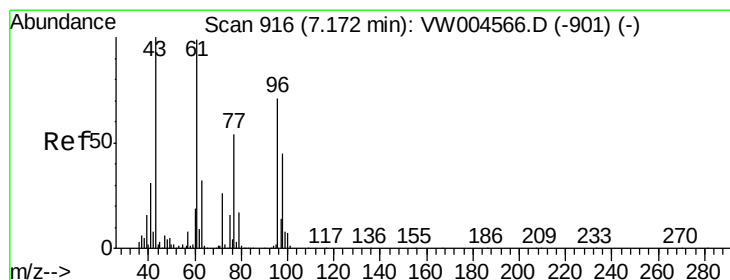
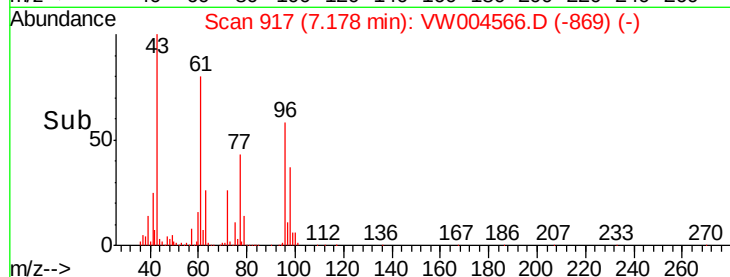
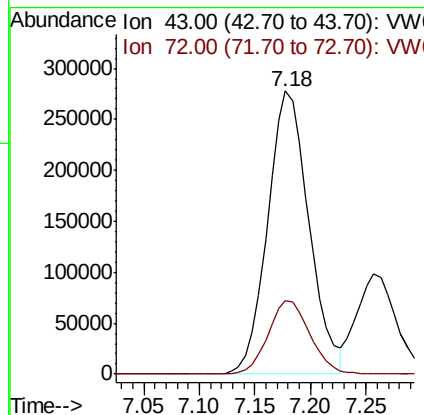
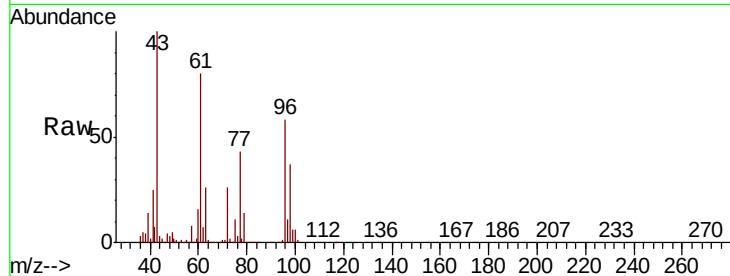
43 100

72 26.1 21.0 31.6

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#26

2,2-Dichloropropane

Concen: 48.82 ug/l

RT: 7.17 min Scan# 916

Delta R.T. 0.01 min

Lab File: VW004566.D

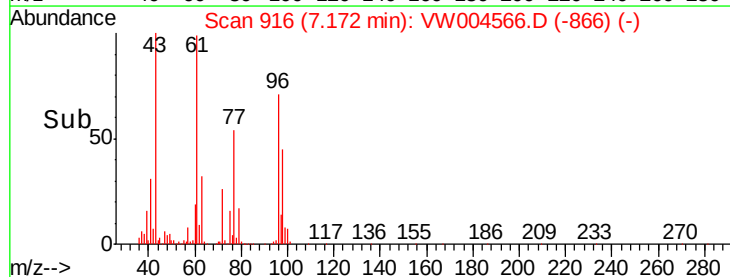
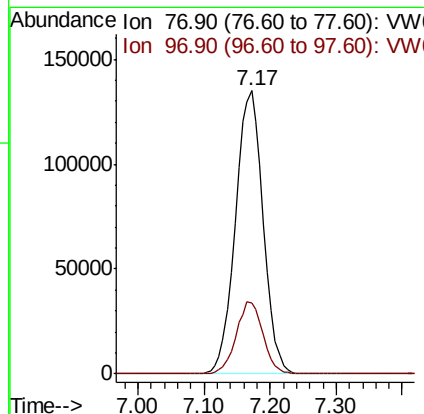
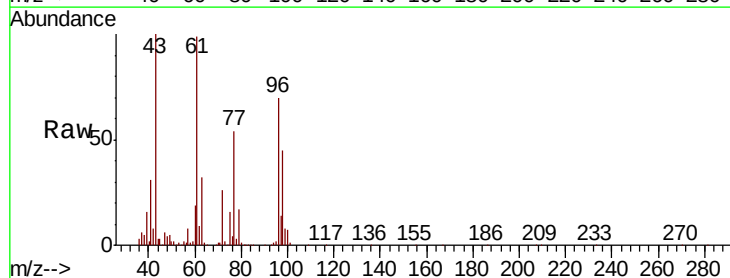
Acq: 09 Aug 2018 22:08

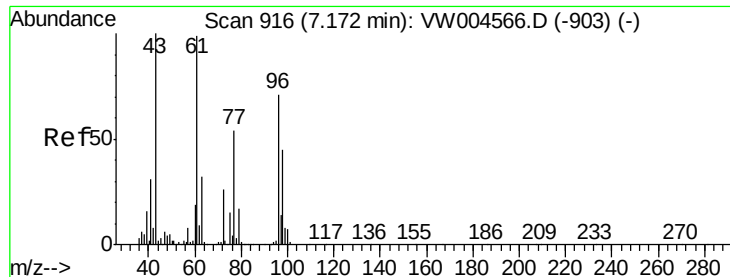
Tgt Ion: 77 Resp: 391291

Ion Ratio Lower Upper

77 100

97 24.6 12.5 37.5





#27

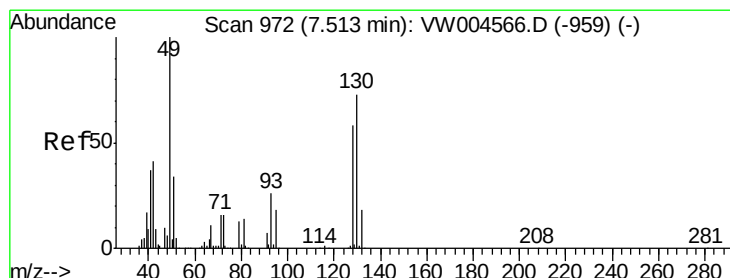
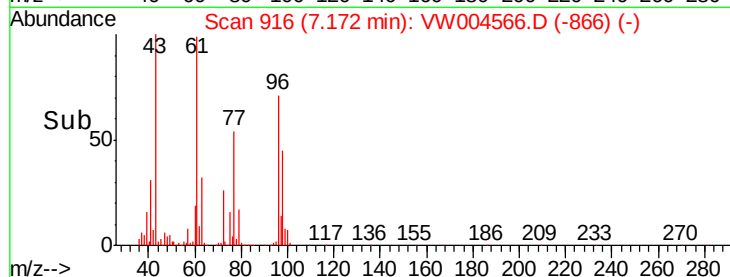
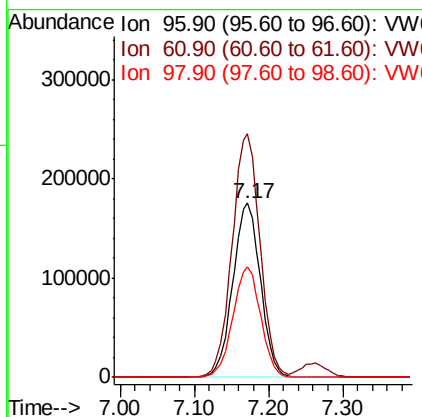
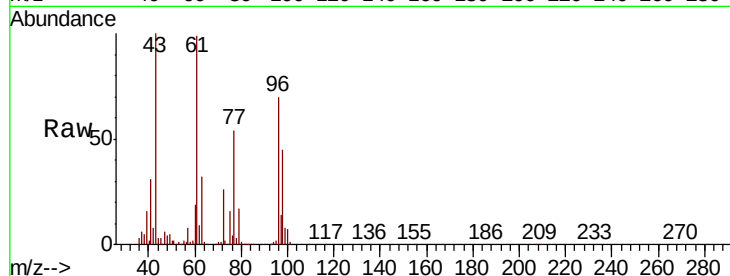
cis-1,2-Dichloroethene
Concen: 50.92 ug/l
RT: 7.17 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW004566.D
Acq: 09 Aug 2018 22:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	456217		
61	141.1		0.0	285.0
98	63.7		0.0	128.6

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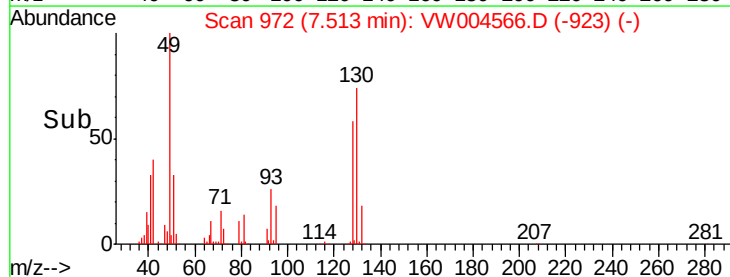
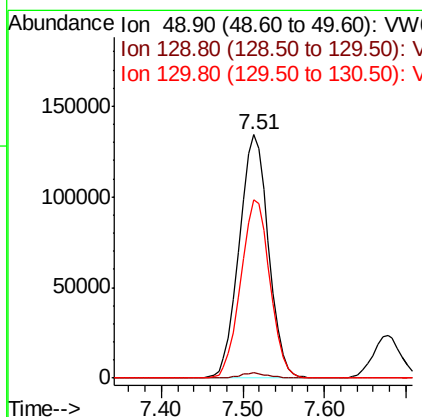
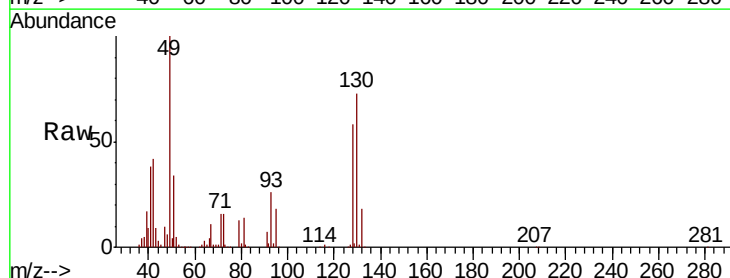
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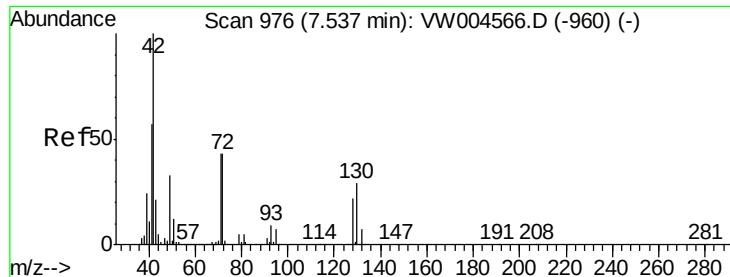


#28

Bromochloromethane
Concen: 50.30 ug/l
RT: 7.51 min Scan# 972
Delta R.T. 0.00 min
Lab File: VW004566.D
Acq: 09 Aug 2018 22:08

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	334261		
129	2.0		0.0	4.0
130	73.1		58.8	88.2





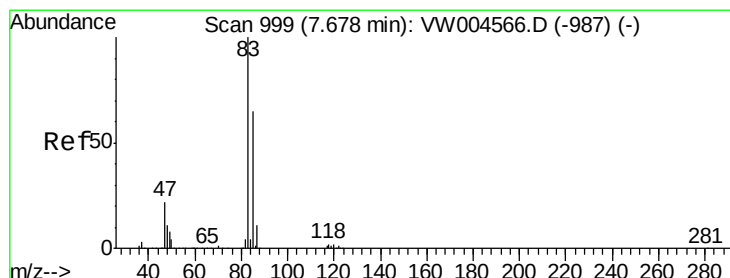
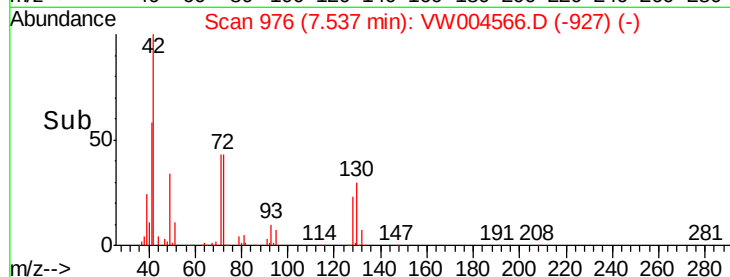
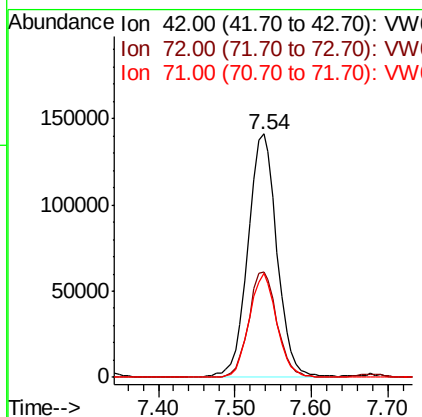
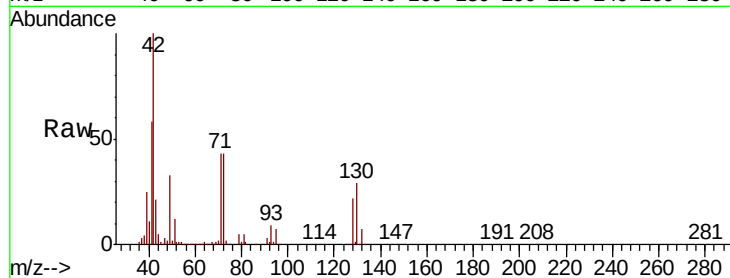
#29
Tetrahydrofuran
Concen: 229.77 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.00 min
Lab File: VW004566.D
Acq: 09 Aug 2018 22:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.6	34.1	51.1
71	40.6	32.5	48.7

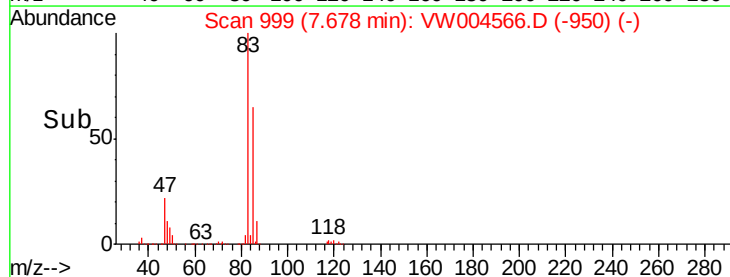
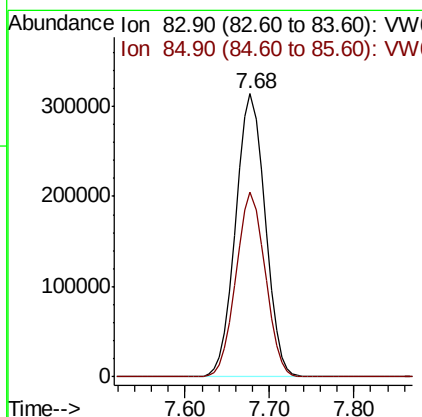
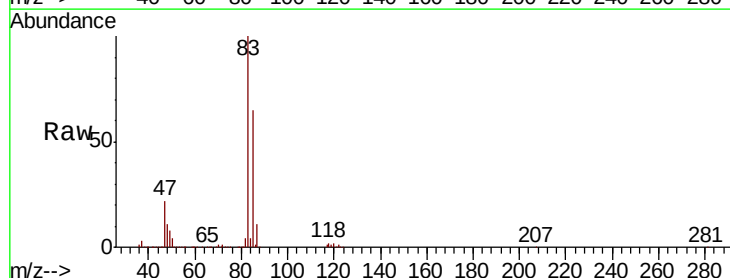
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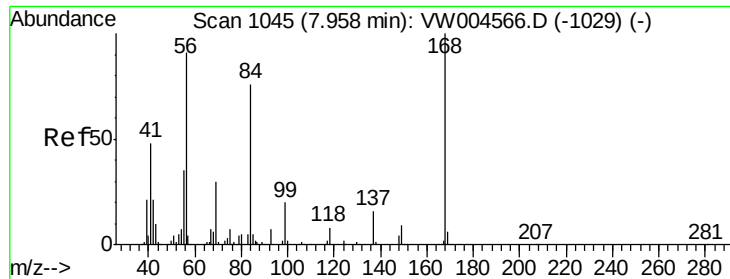
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#30
Chloroform
Concen: 49.55 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW004566.D
Acq: 09 Aug 2018 22:08

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	51.3	76.9





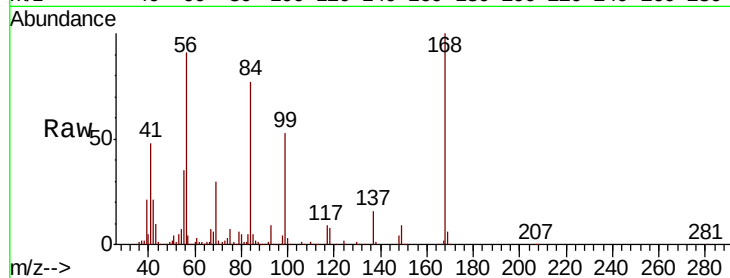
#31
Cyclohexane
Concen: 48.00 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. 0.00 min
Lab File: VW004566.D
Acq: 09 Aug 2018 22:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.3	26.4	39.6
84	84.0	66.9	100.3

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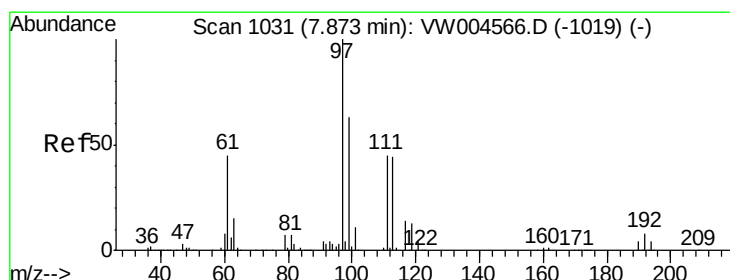
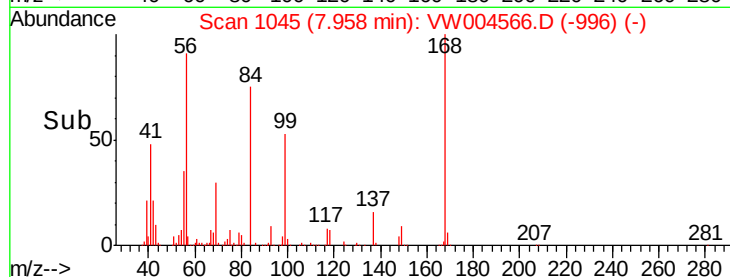
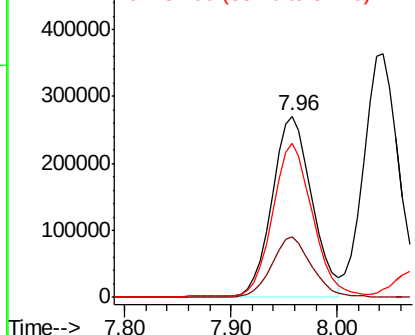


Abundance

Ion 56.00 (55.70 to 56.70): VW

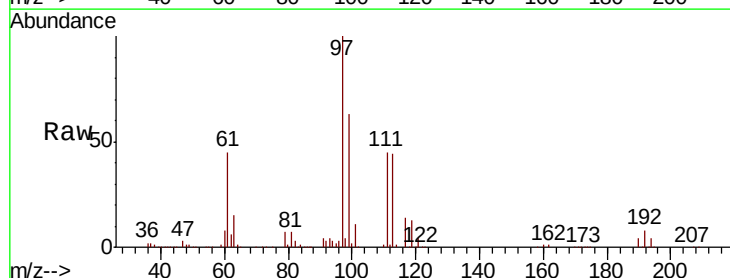
Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



#32
1,1,1-Trichloroethane
Concen: 51.11 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VW004566.D
Acq: 09 Aug 2018 22:08

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.6	77.4
61	44.8	35.7	53.5

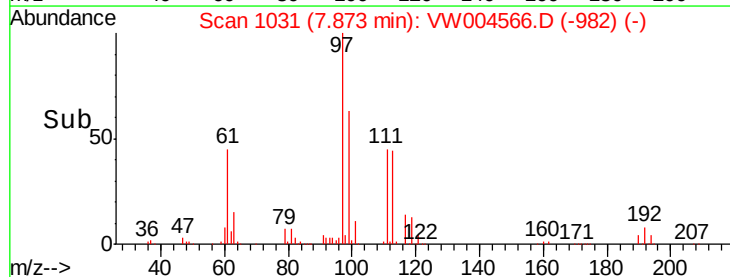
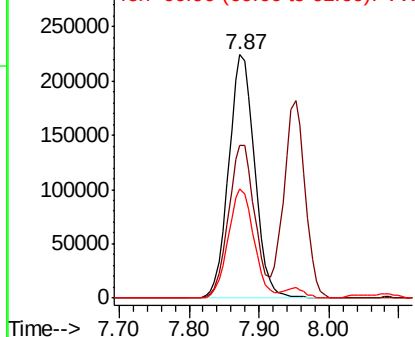


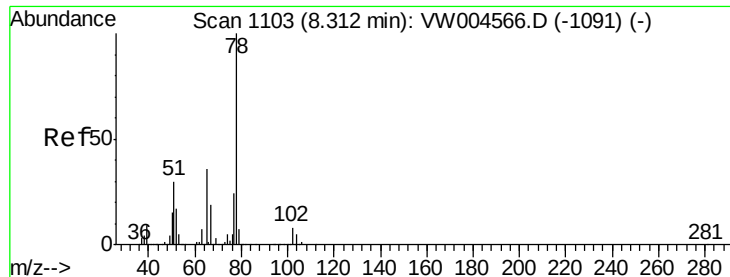
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 98.90 (98.60 to 99.60): VW

Ion 60.90 (60.60 to 61.60): VW





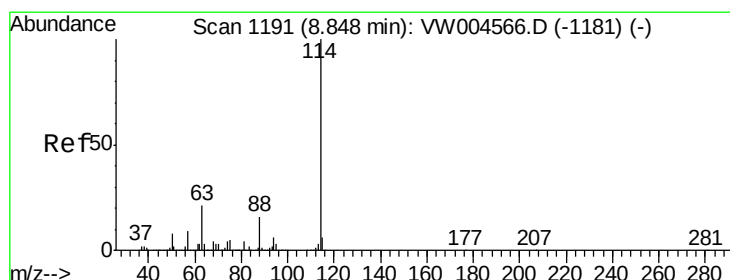
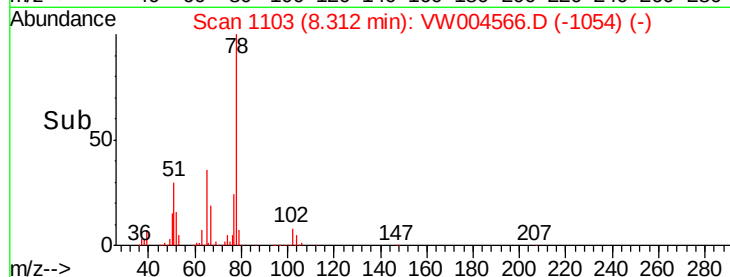
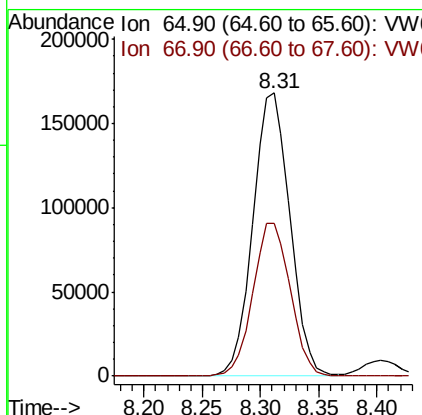
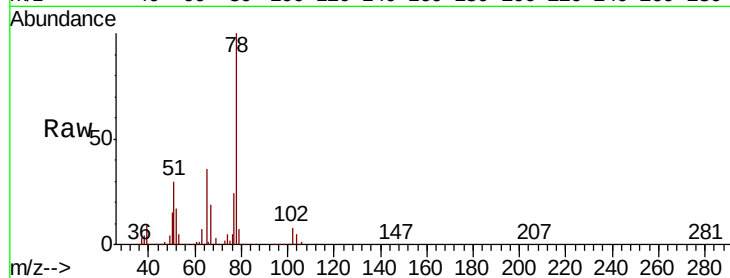
#33
 1,2-Dichloroethane-d4
 Concen: 47.52 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW004566.D
 Acq: 09 Aug 2018 22:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	370688		
67	54.6	0.0	109.0	

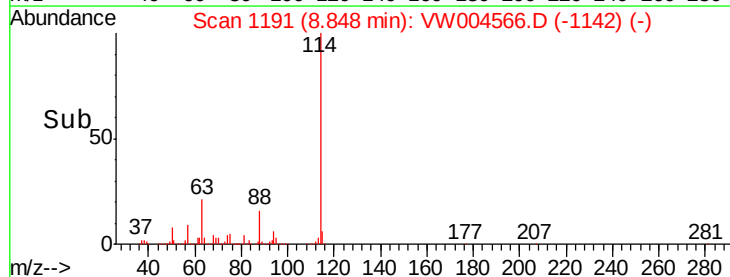
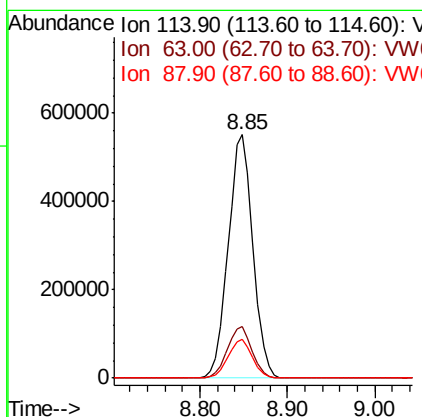
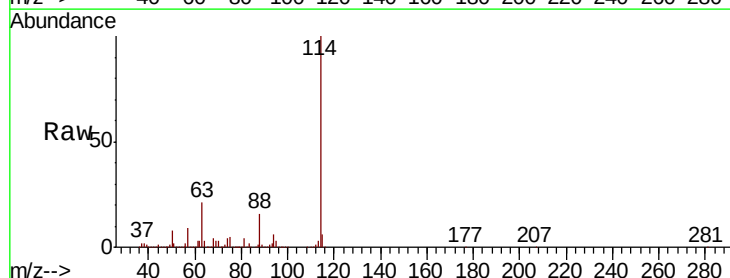
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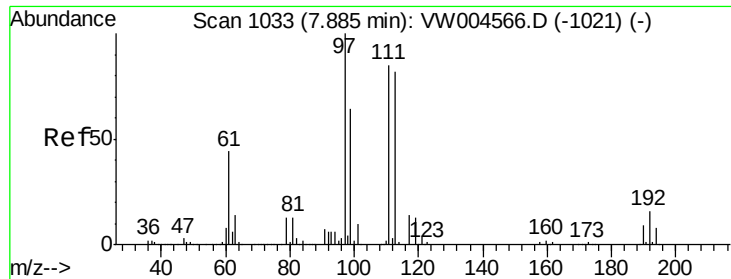
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004566.D
 Acq: 09 Aug 2018 22:08

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	1073772		
63	21.1	0.0	42.4	
88	15.8	0.0	31.2	





#35

Dibromofluoromethane

Concen: 50.53 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VW004566.D

Acq: 09 Aug 2018 22:08

Instrument :

MSVOA_W

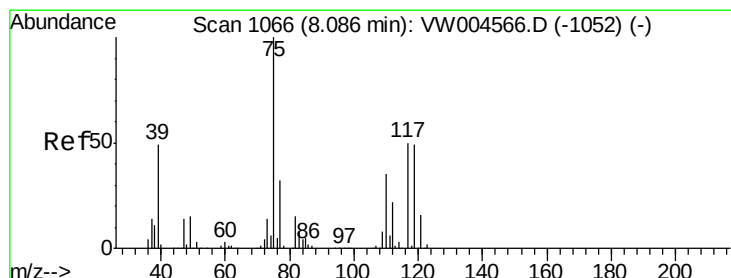
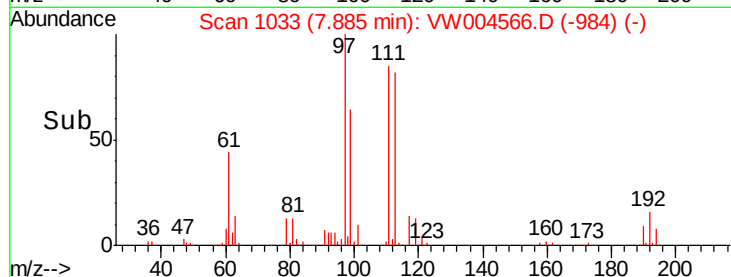
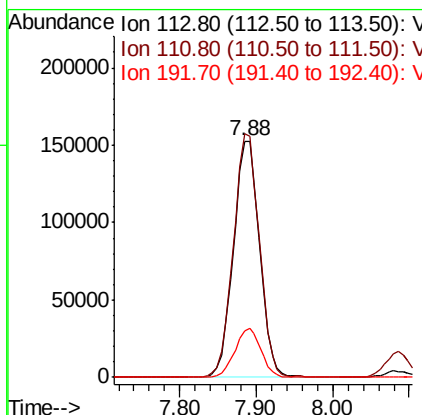
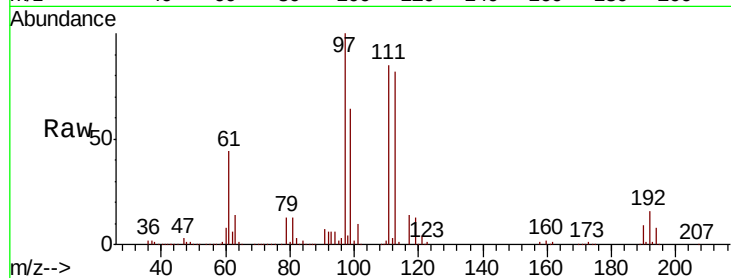
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	361764
Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.9	124.3
192	20.4	15.8	23.6

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#36

1,1-Dichloropropene

Concen: 51.48 ug/l

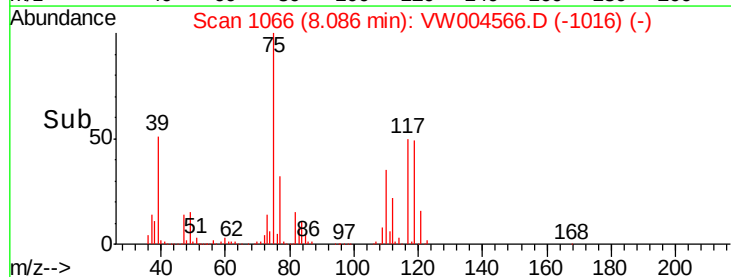
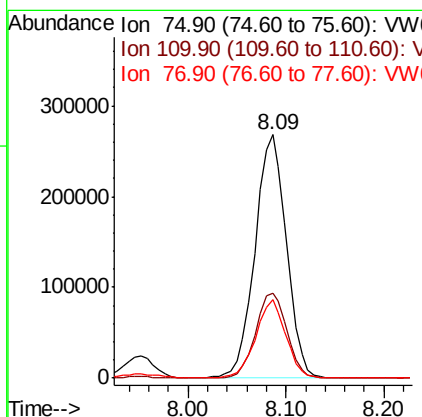
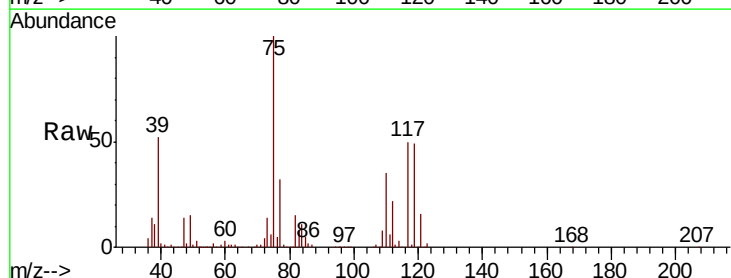
RT: 8.09 min Scan# 1066

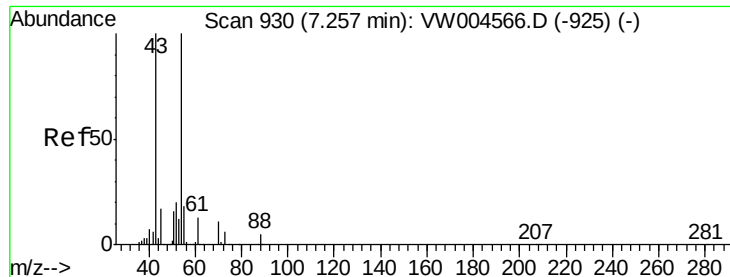
Delta R.T. 0.01 min

Lab File: VW004566.D

Acq: 09 Aug 2018 22:08

Tgt Ion:	75	Resp:	595124
Ion	Ratio	Lower	Upper
75	100		
110	35.0	17.4	52.2
77	31.0	24.7	37.1





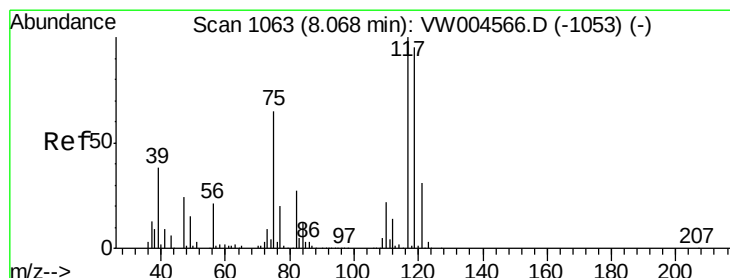
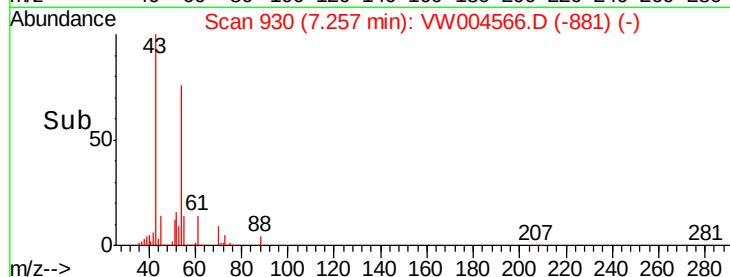
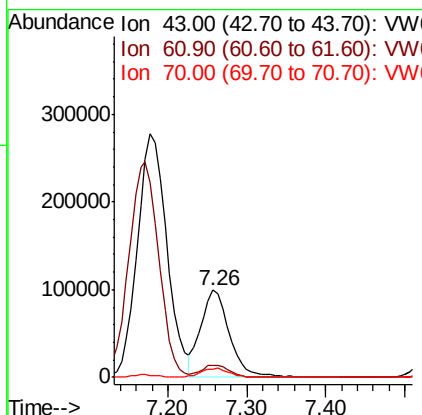
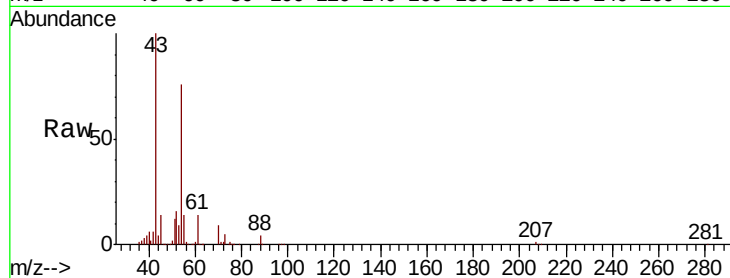
#37
Ethyl Acetate
Concen: 46.21 ug/l
RT: 7.26 min Scan# 930
Delta R.T. 0.00 min
Lab File: VW004566.D
Acq: 09 Aug 2018 22:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	250240
Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.9	17.9
70	10.5	8.2	12.4

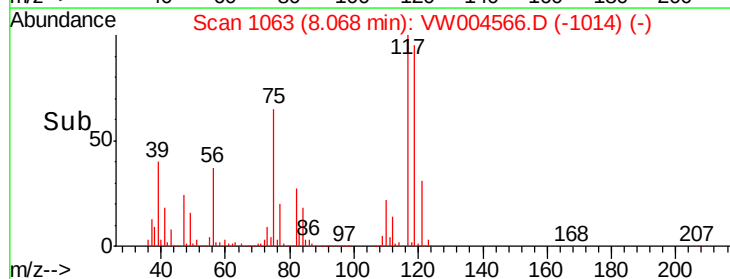
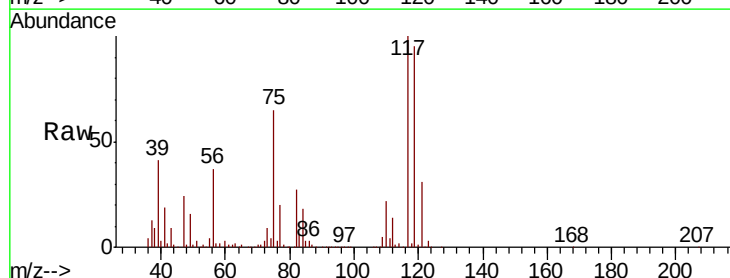
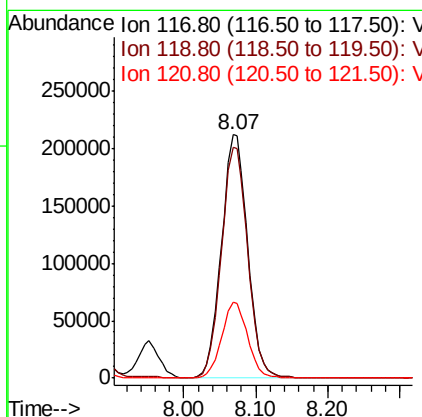
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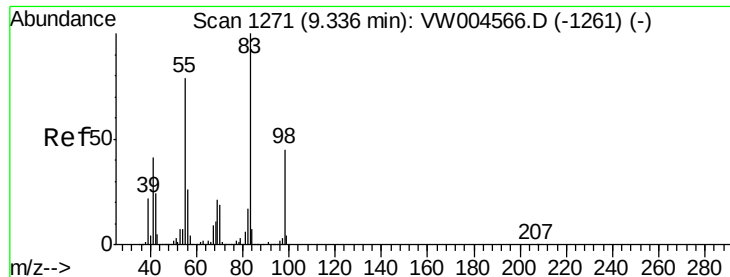
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#38
Carbon Tetrachloride
Concen: 51.62 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW004566.D
Acq: 09 Aug 2018 22:08

Tgt Ion	117	Resp	537067
Ion	Ratio	Lower	Upper
117	100		
119	95.1	76.1	114.1
121	31.5	24.2	36.4





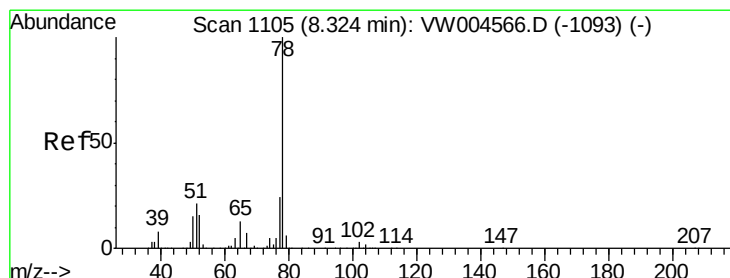
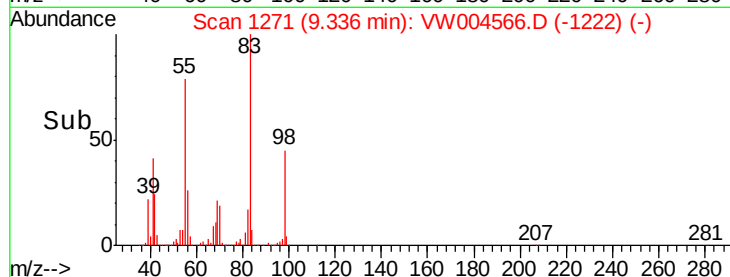
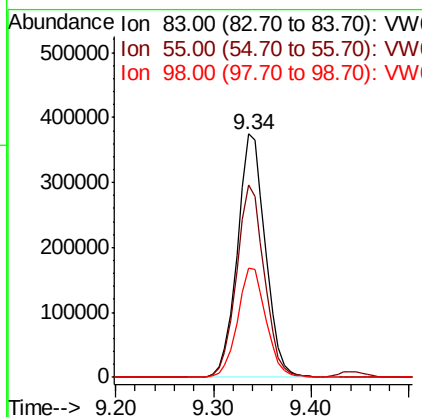
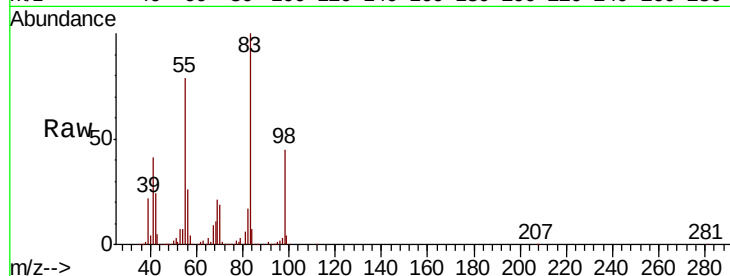
#39
Methylvlcyclohexane
Concen: 52.52 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW004566.D
Acq: 09 Aug 2018 22:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.0	62.5	93.7
98	44.6	35.4	53.2

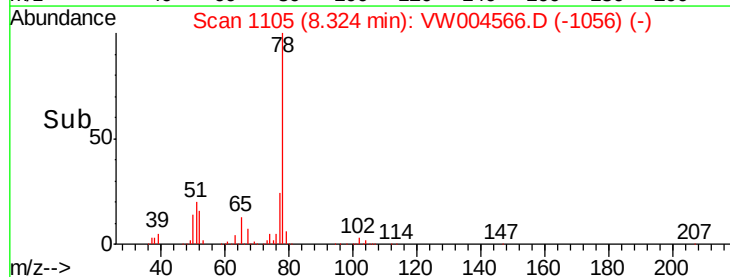
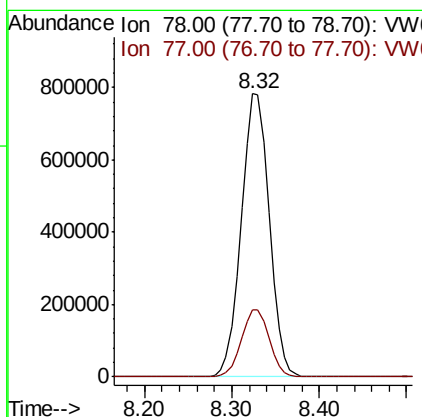
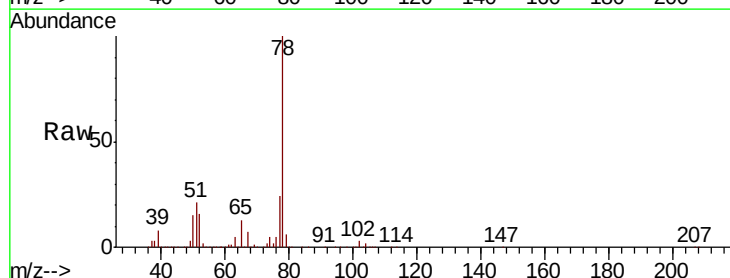
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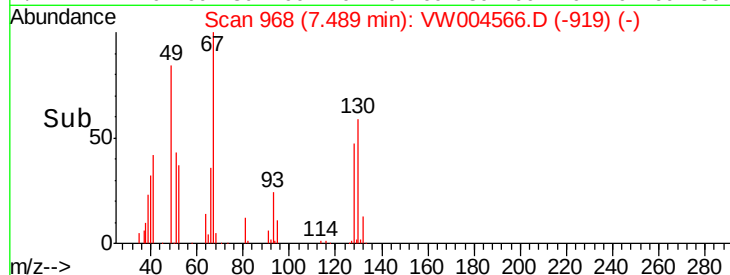
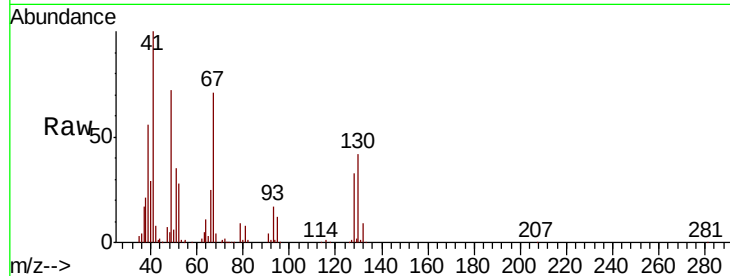
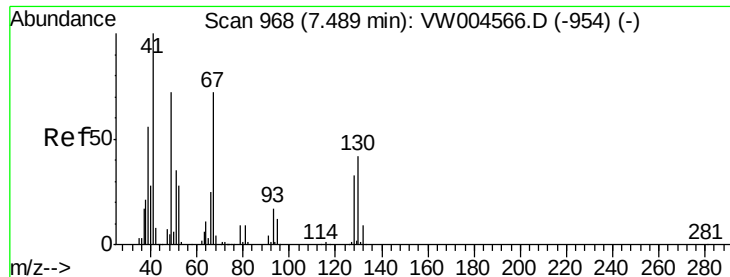
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#40
Benzene
Concen: 51.30 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW004566.D
Acq: 09 Aug 2018 22:08

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.0	28.6





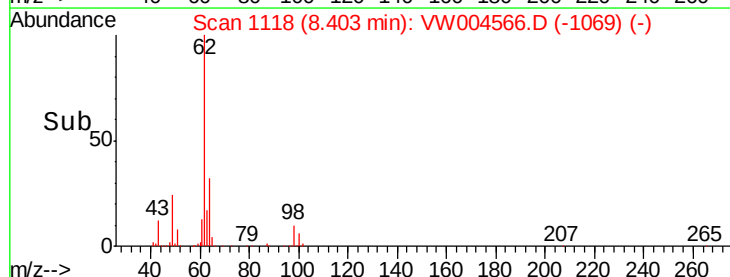
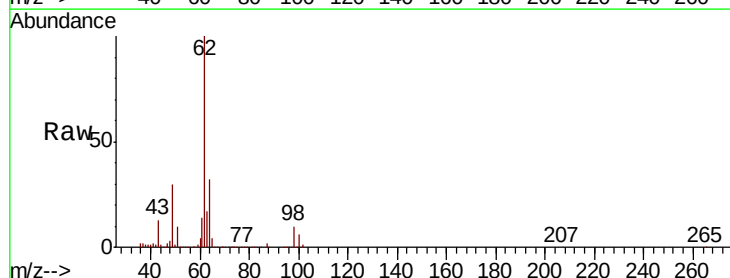
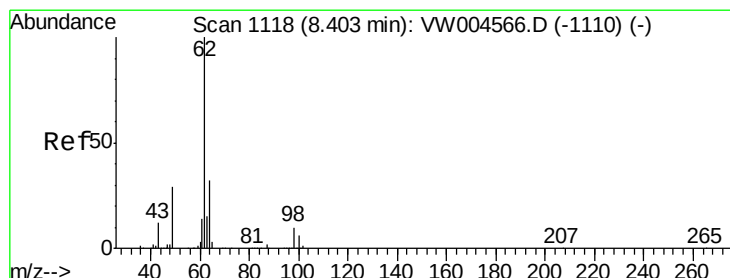
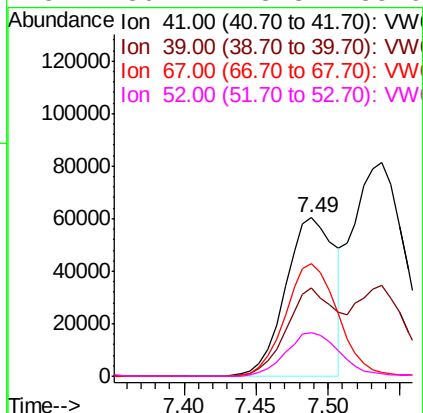
#41
Methacrylonitrile
Concen: 47.54 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.00 min
Lab File: VW004566.D
Acq: 09 Aug 2018 22:08

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	41	100			
39	39	58.9	46.2	69.2	
67	67	76.0	60.8	91.2	
52	52	30.2	23.8	35.6	

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

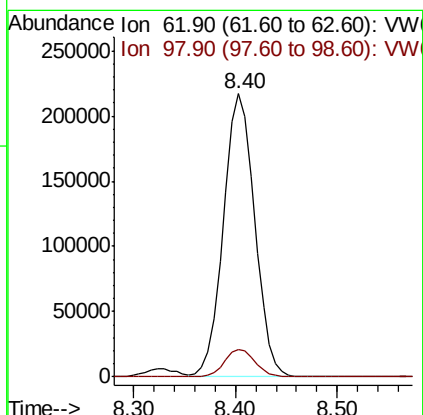
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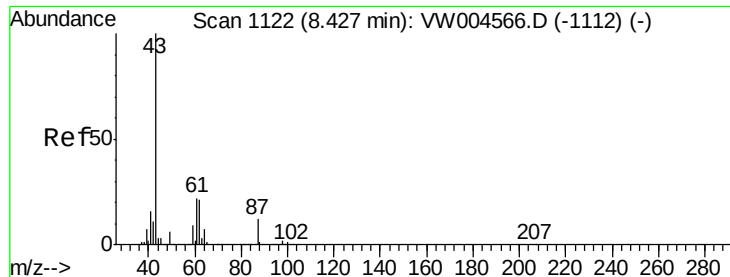
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#42
1,2-Dichloroethane
Concen: 48.98 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW004566.D
Acq: 09 Aug 2018 22:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	62	100			
98	98	9.8	0.0	19.6	





#43

Isopropyl Acetate

Concen: 47.01 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VW004566.D

Acq: 09 Aug 2018 22:08

Instrument :

MSVOA_W

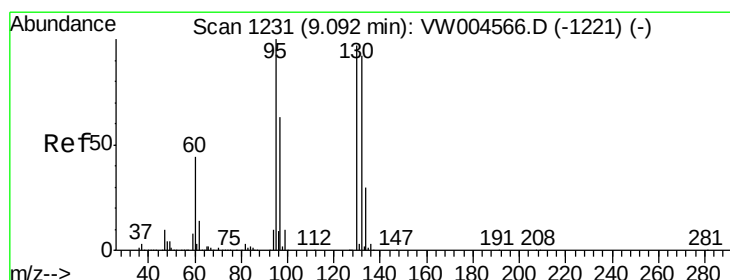
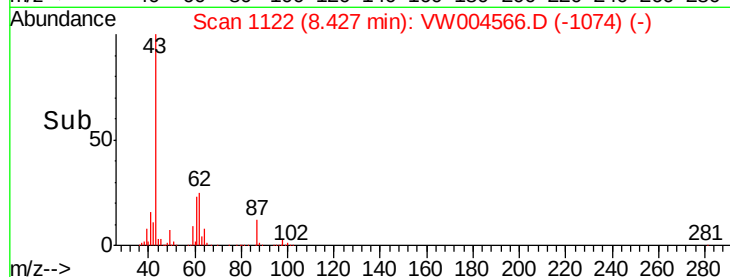
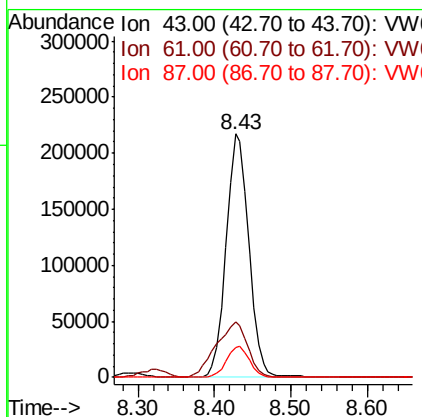
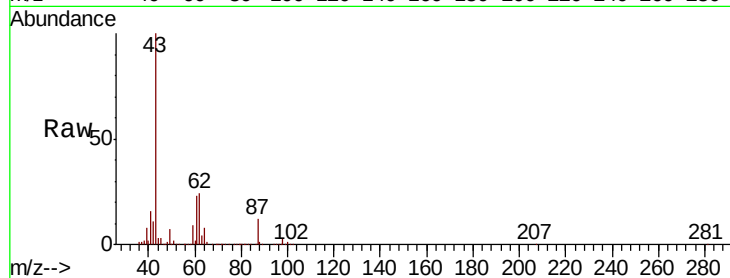
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	443696
Ion	Ratio	Lower	Upper
43	100		
61	31.6	25.2	37.8
87	13.0	10.6	16.0

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#44

Trichloroethene

Concen: 50.01 ug/l

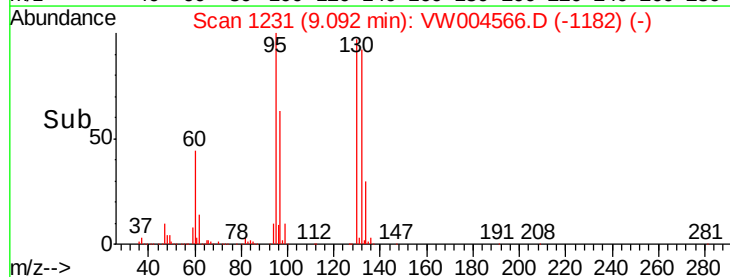
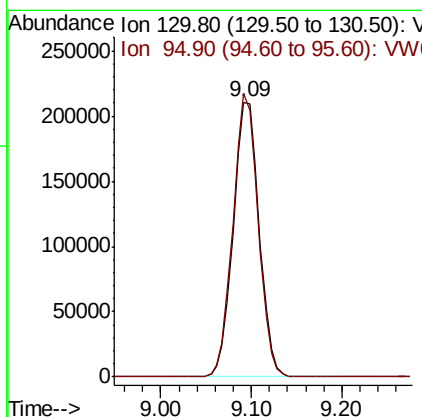
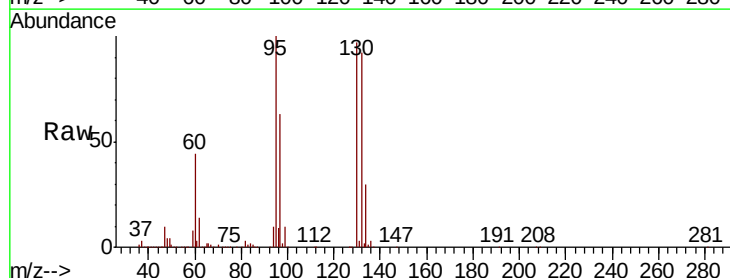
RT: 9.09 min Scan# 1231

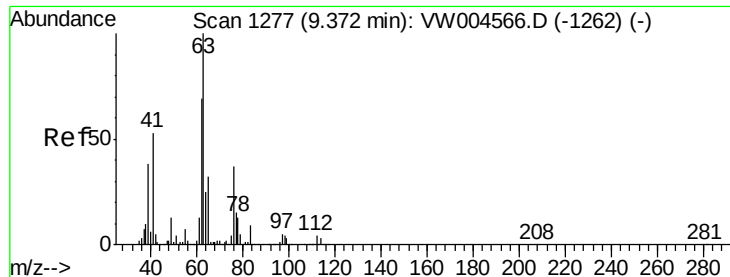
Delta R.T. 0.00 min

Lab File: VW004566.D

Acq: 09 Aug 2018 22:08

Tgt Ion:	130	Resp:	417209
Ion	Ratio	Lower	Upper
130	100		
95	103.1	0.0	196.2





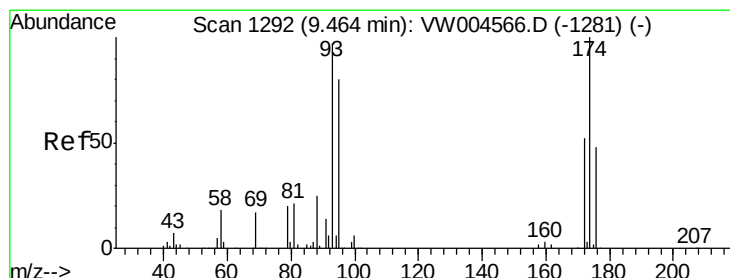
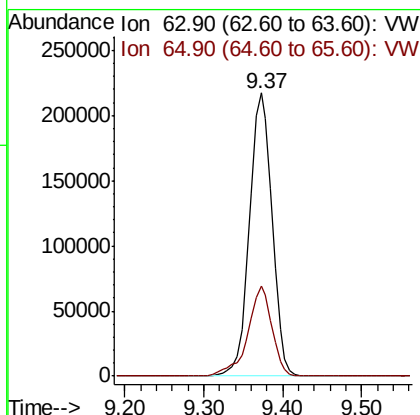
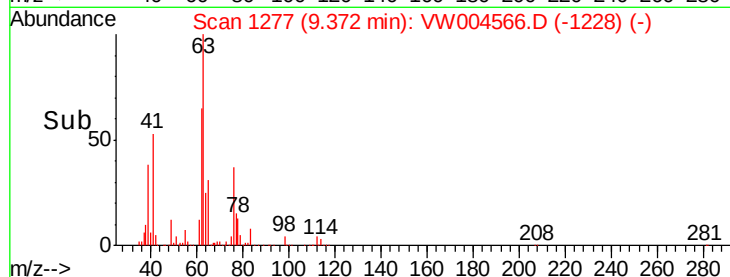
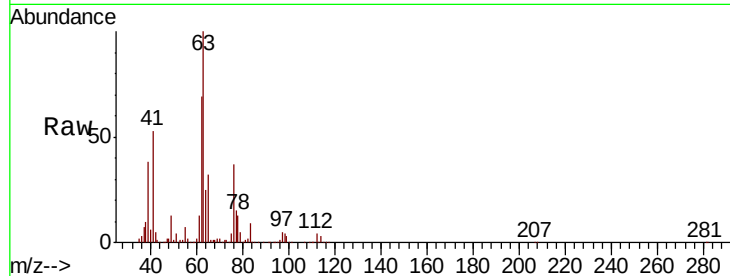
#45
 1,2-Dichloropropane
 Concen: 51.01 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW004566.D
 Acq: 09 Aug 2018 22:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.6	24.5	36.7

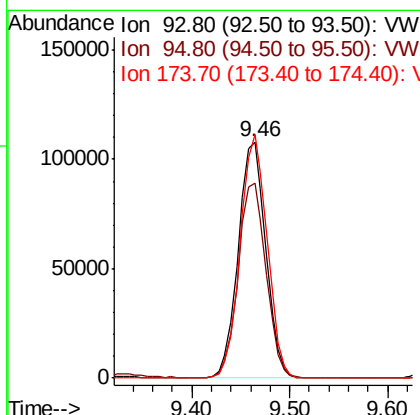
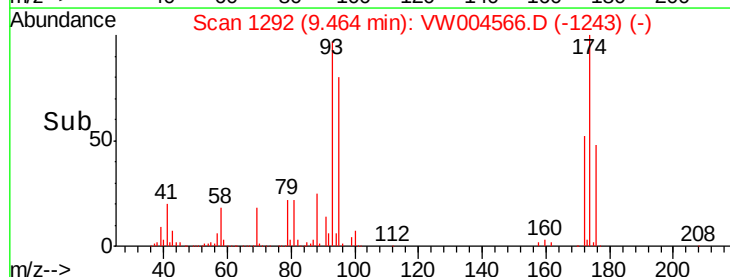
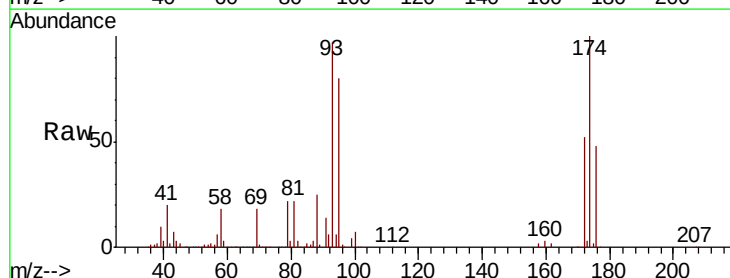
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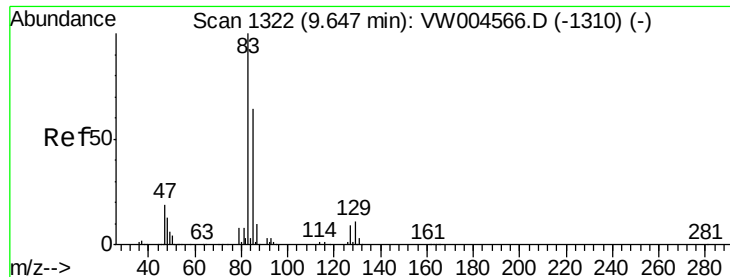
apatel
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#46
 Dibromomethane
 Concen: 48.73 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: VW004566.D
 Acq: 09 Aug 2018 22:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.5	67.0	100.4
174	100.7	80.2	120.4





#47

Bromodichloromethane

Concen: 50.10 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW004566.D

Acq: 09 Aug 2018 22:08

Instrument :

MSVOA_W

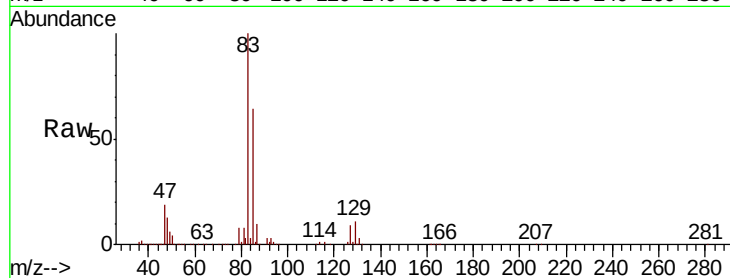
ClientSampleId :

VSTDCCC050

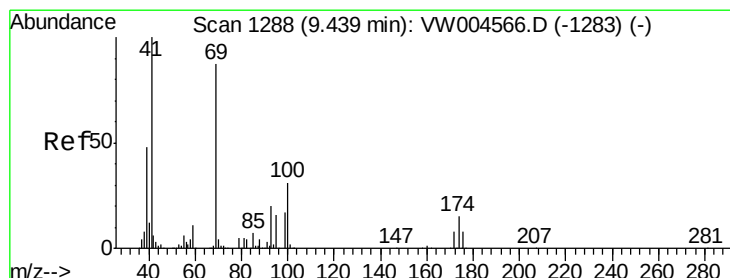
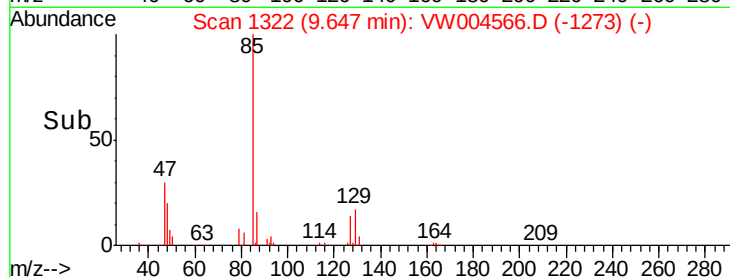
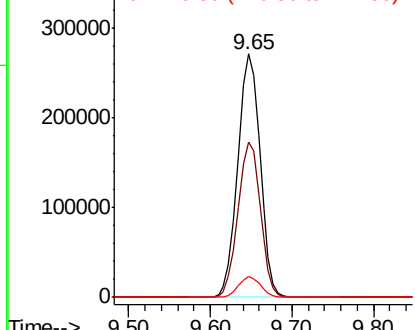
Tot Ion:	83	Resp:	511878
Ion	Ratio	Lower	Upper
83	100		
85	64.0	50.7	76.1
127	8.6	6.5	9.7

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



#48

Methyl methacrylate

Concen: 49.56 ug/l

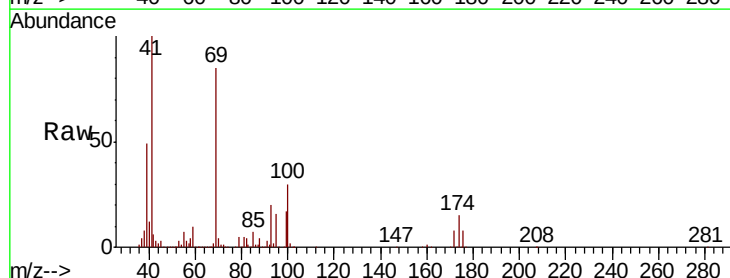
RT: 9.44 min Scan# 1288

Delta R.T. 0.00 min

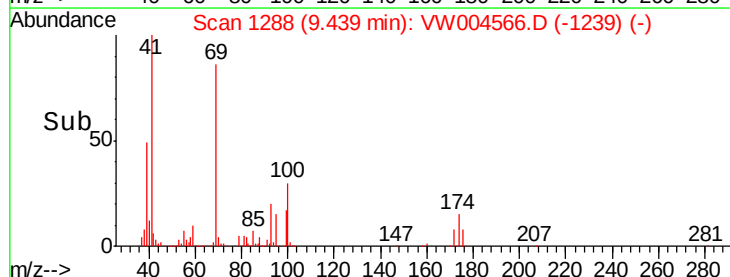
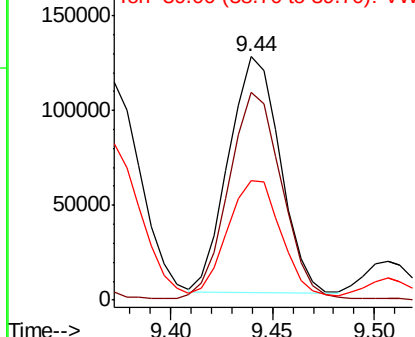
Lab File: VW004566.D

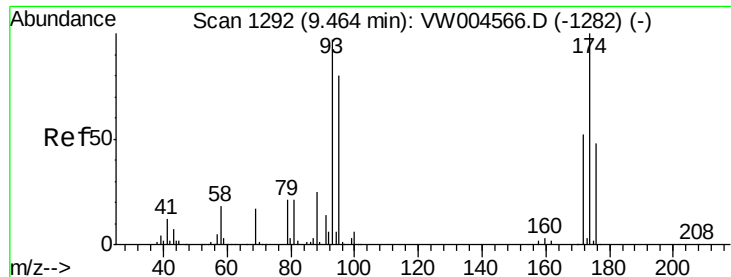
Acq: 09 Aug 2018 22:08

Tgt Ion:	41	Resp:	218611
Ion	Ratio	Lower	Upper
41	100		
69	91.9	73.2	109.8
39	50.0	40.6	60.8



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





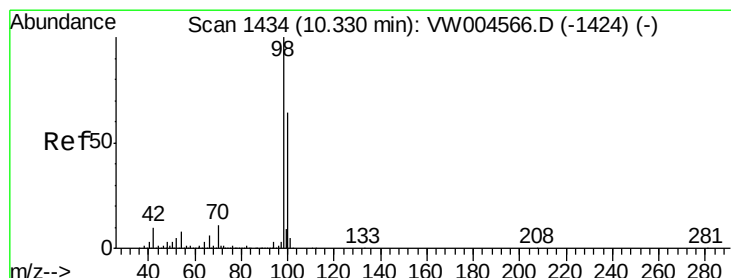
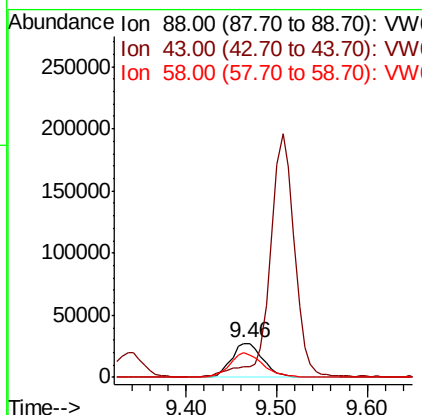
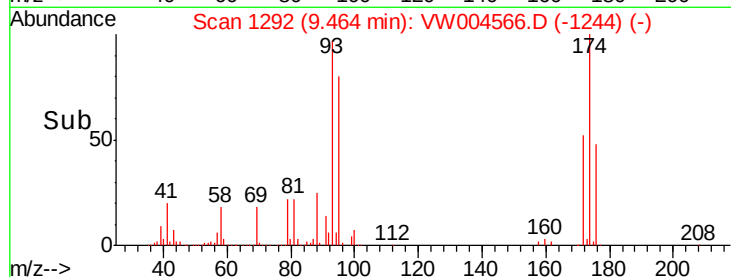
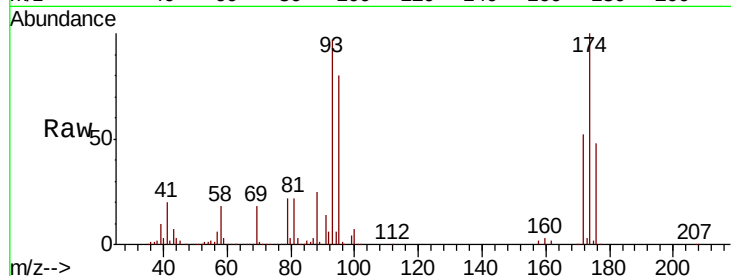
#49
1,4-Dioxane
Concen: 1004.91 ug/l
RT: 9.46 min Scan# 1292
Delta R.T. -0.01 min
Lab File: VW004566.D
Acq: 09 Aug 2018 22:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	66359
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	76.8	63.5	95.3

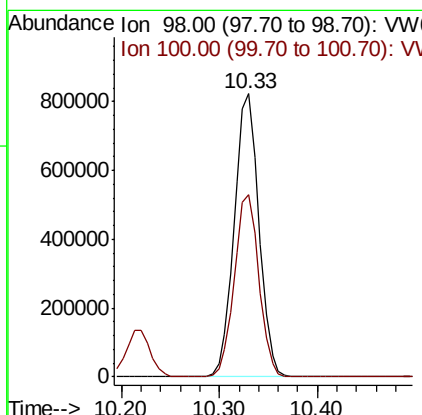
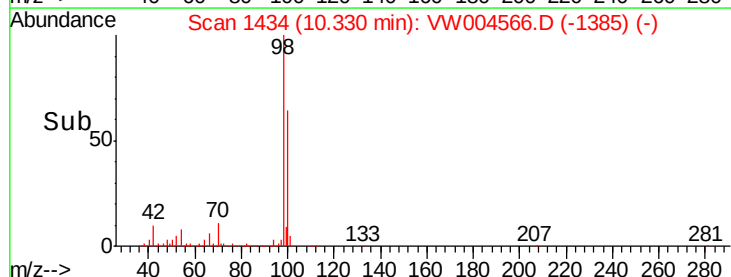
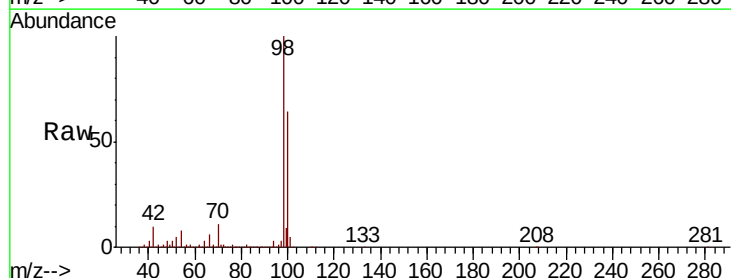
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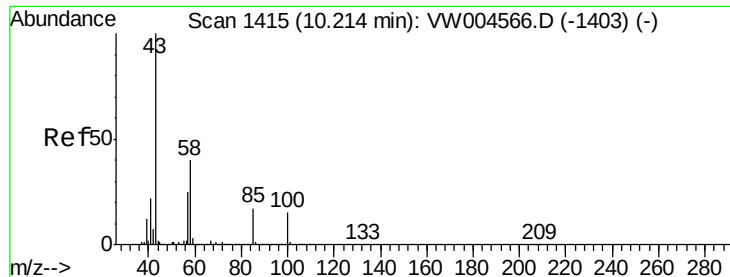
apatel
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#50
Toluene-d8
Concen: 52.66 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW004566.D
Acq: 09 Aug 2018 22:08

Tgt Ion	98	Resp	1437340
Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.4	77.2





#51

4-Methyl-2-Pentanone

Concen: 242.10 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. 0.00 min

Lab File: VW004566.D

Acq: 09 Aug 2018 22:08

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 1590607

Ion Ratio Lower Upper

43 100

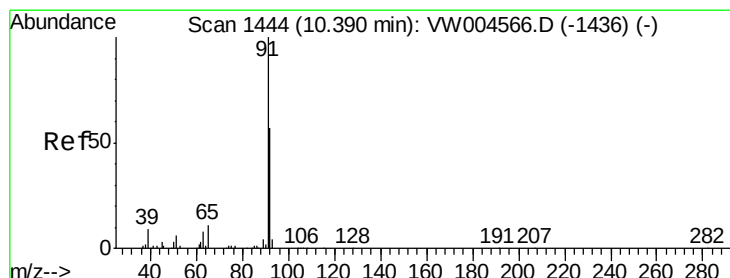
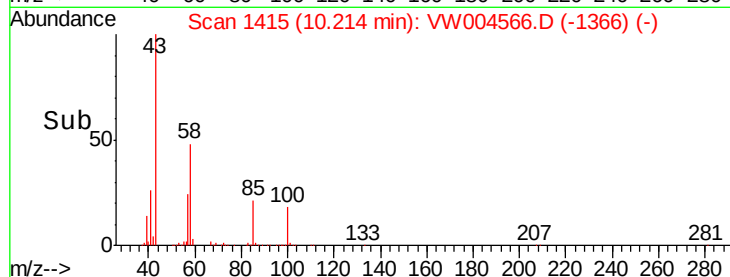
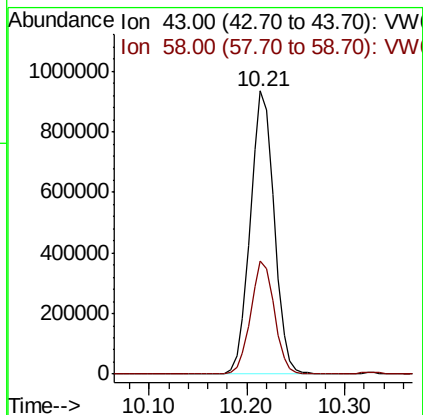
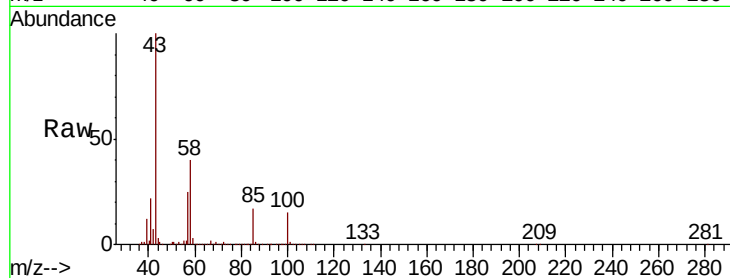
58 39.6 31.9 47.9

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#52

Toluene

Concen: 52.63 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW004566.D

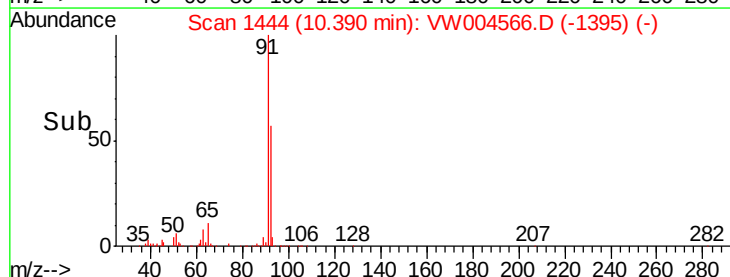
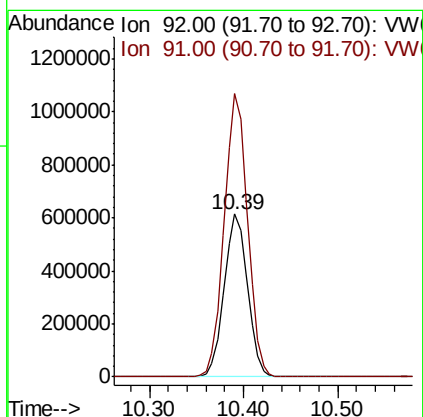
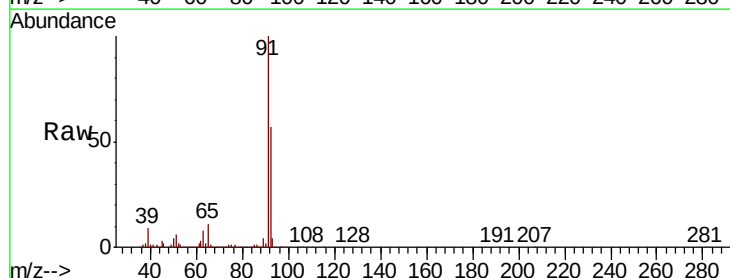
Acq: 09 Aug 2018 22:08

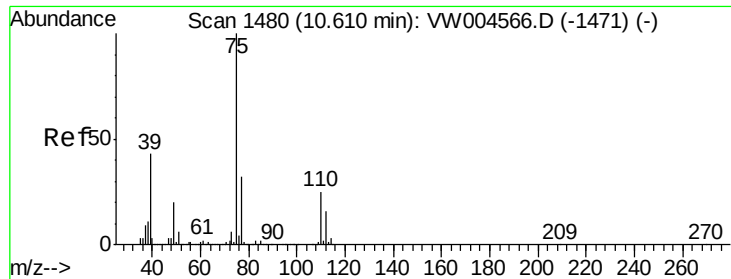
Tgt Ion: 92 Resp: 1053576

Ion Ratio Lower Upper

92 100

91 174.1 137.9 206.9





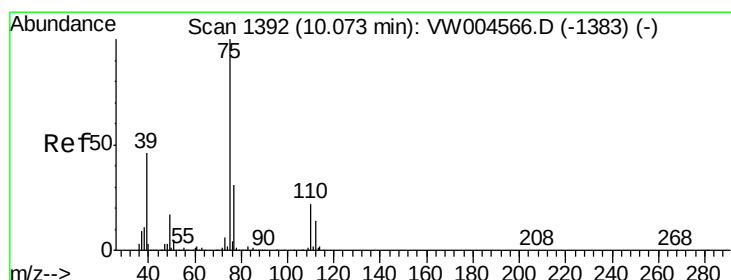
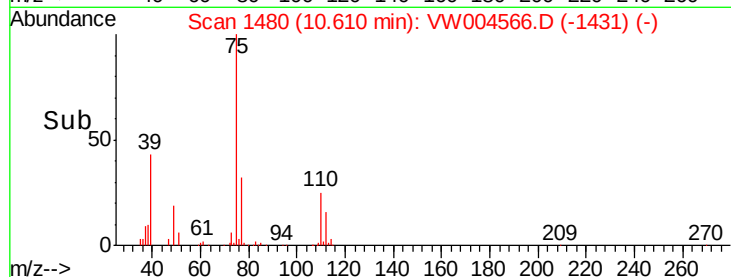
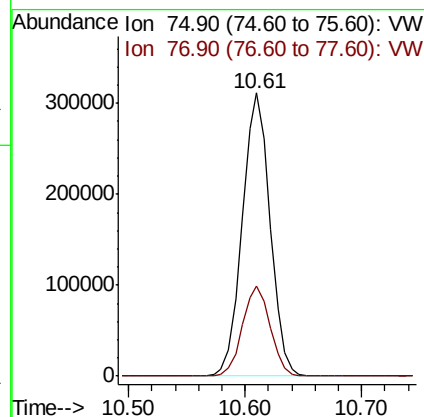
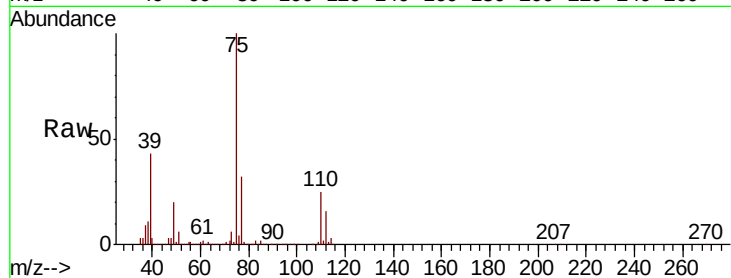
#53
 t-1,3-Dichloropropene
 Concen: 50.42 ug/l
 RT: 10.61 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: VW004566.D
 Acq: 09 Aug 2018 22:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 75 Resp: 517271
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.1 37.7

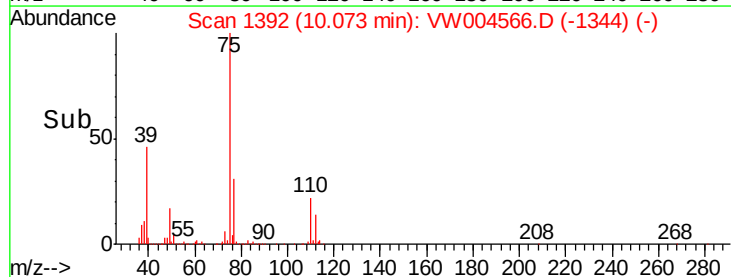
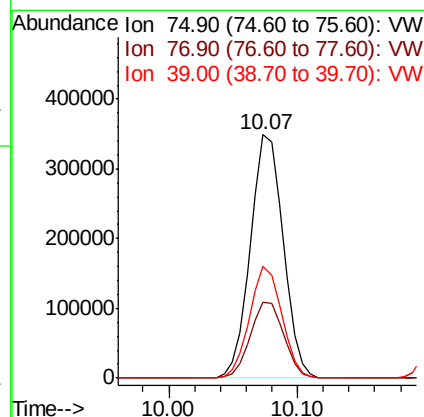
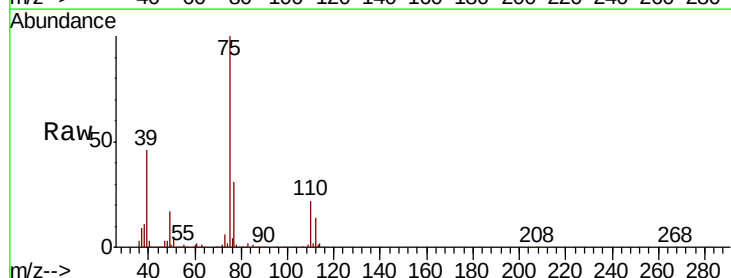
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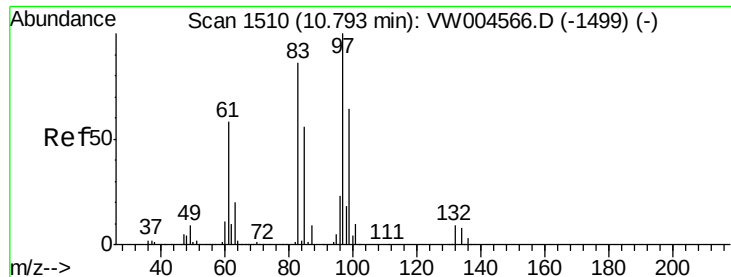
apatel
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#54
 cis-1,3-Dichloropropene
 Concen: 51.48 ug/l
 RT: 10.07 min Scan# 1392
 Delta R.T. -0.01 min
 Lab File: VW004566.D
 Acq: 09 Aug 2018 22:08

Tgt Ion: 75 Resp: 615451
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.3 37.9
 39 46.0 34.5 51.7





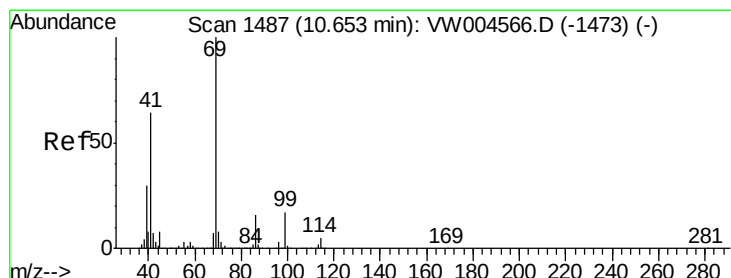
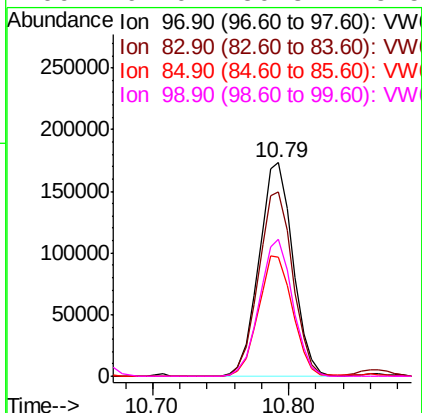
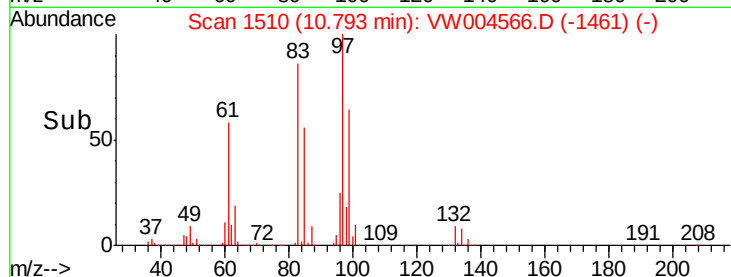
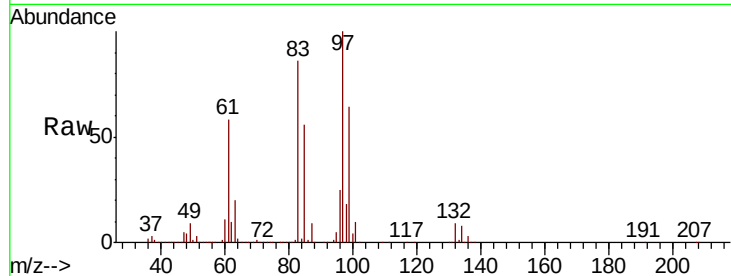
#55
 1,1,2-Trichloroethane
 Concen: 49.01 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW004566.D
 Acq: 09 Aug 2018 22:08

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
97	100	304040		
83	86.3	69.8	104.8	
85	55.7	45.1	67.7	
99	64.0	50.3	75.5	

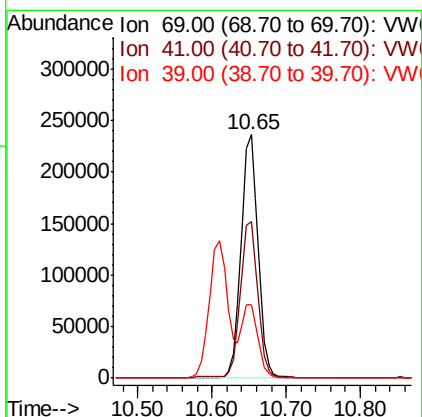
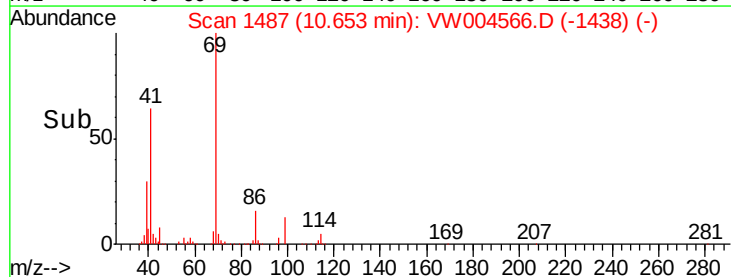
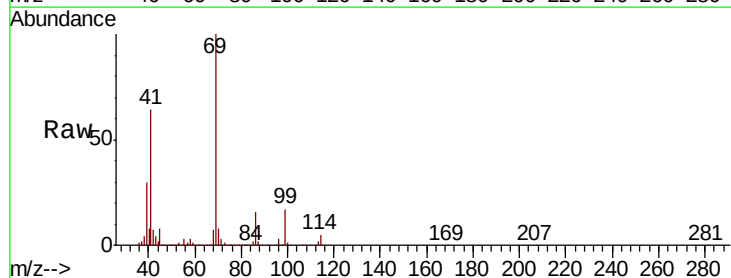
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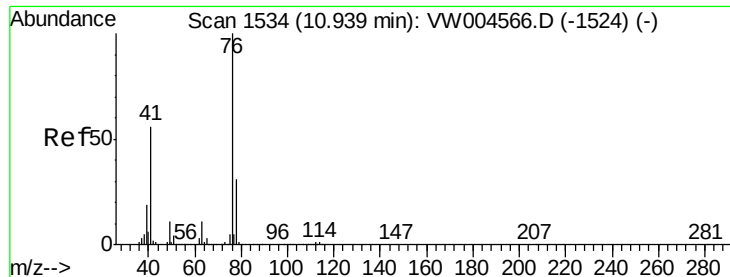
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#56
 Ethyl methacrylate
 Concen: 51.30 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW004566.D
 Acq: 09 Aug 2018 22:08

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	381031		
41	64.7	52.4	78.6	
39	27.8	22.7	34.1	





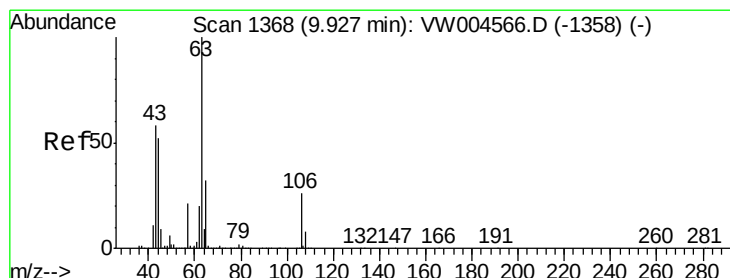
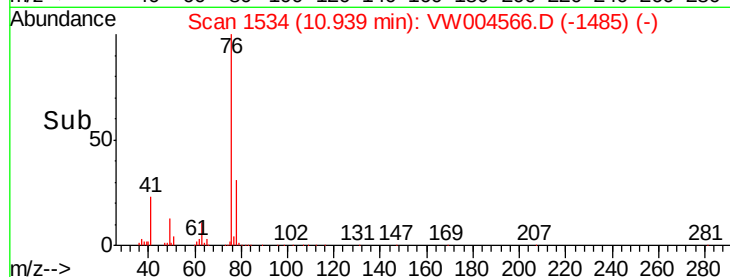
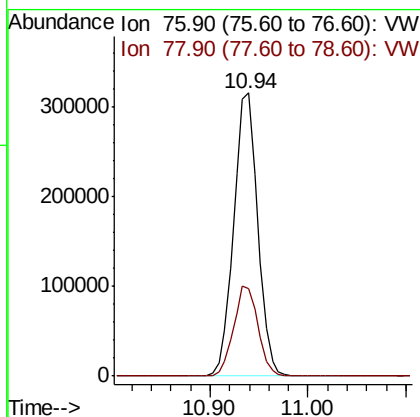
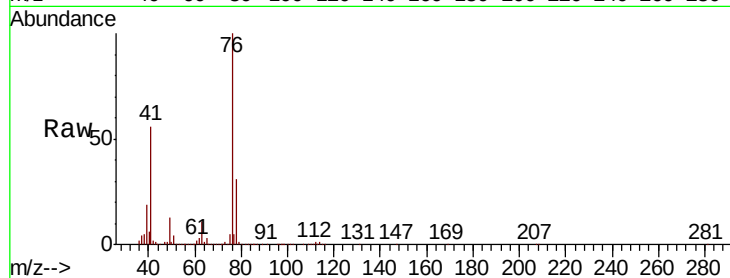
#57
 1,3-Dichloropropane
 Concen: 50.23 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VW004566.D
 Acq: 09 Aug 2018 22:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.7	38.5

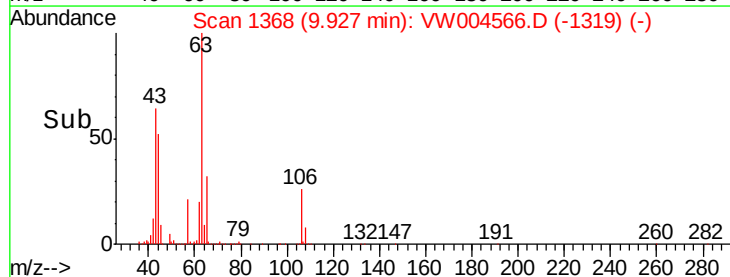
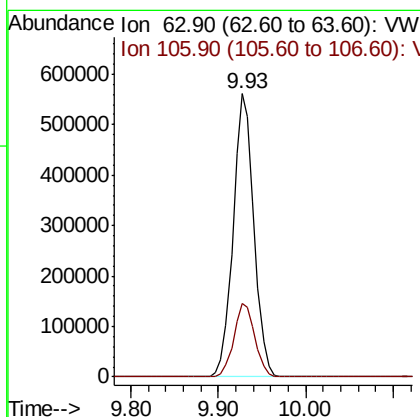
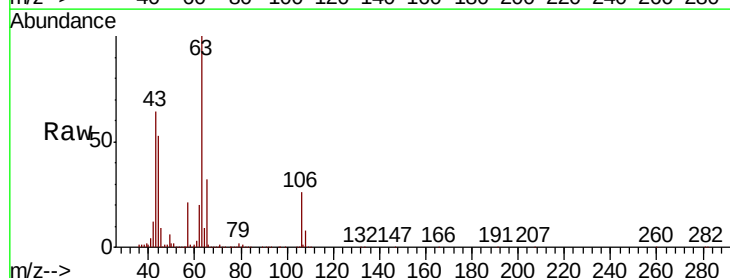
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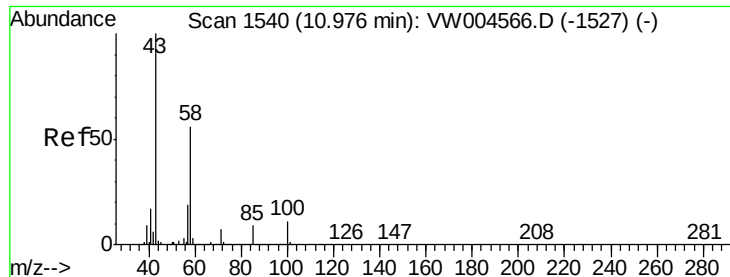
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#58
 2-Chloroethyl Vinyl ether
 Concen: 235.18 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VW004566.D
 Acq: 09 Aug 2018 22:08

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.3	21.3	31.9





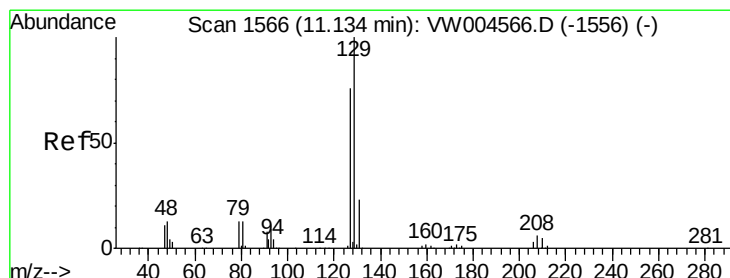
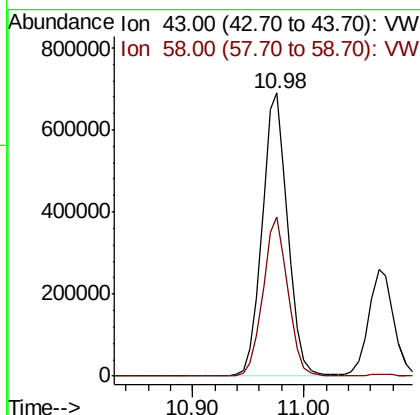
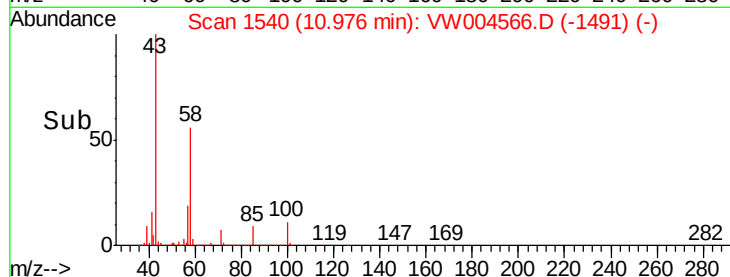
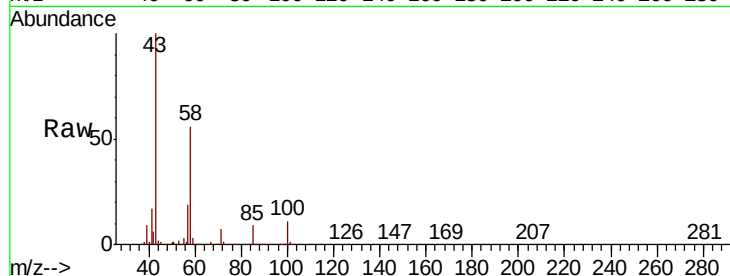
#59
2-Hexanone
Concen: 247.17 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW004566.D
Acq: 09 Aug 2018 22:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1101003
Ion Ratio Lower Upper
43 100
58 55.1 27.9 83.6

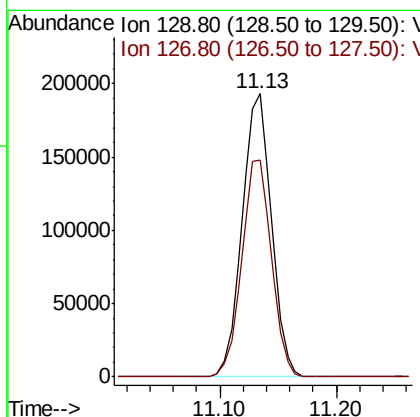
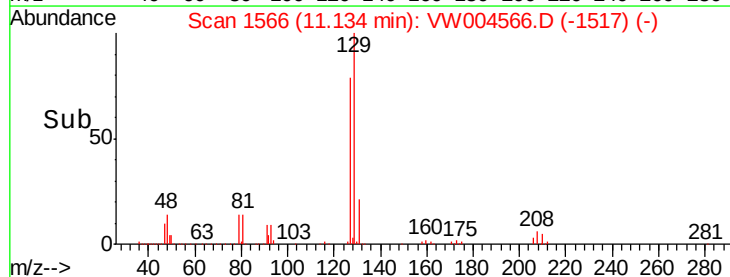
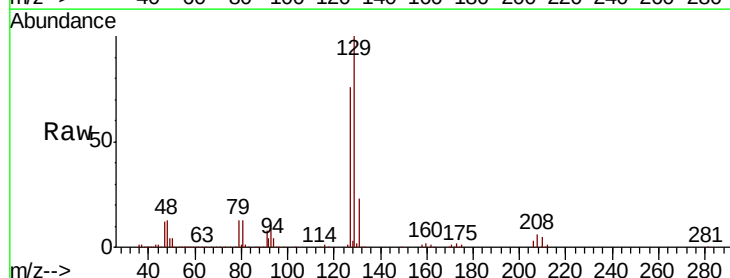
Manual Integrations
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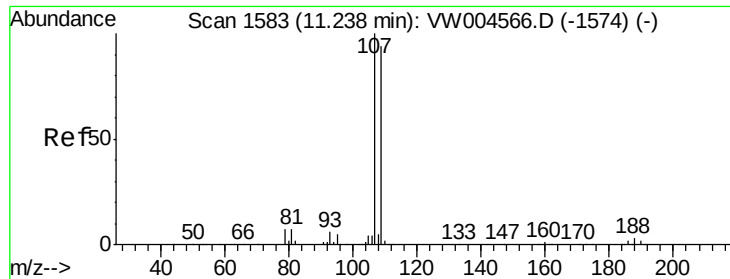
apatel
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#60
Dibromochloromethane
Concen: 50.27 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW004566.D
Acq: 09 Aug 2018 22:08

Tgt Ion: 129 Resp: 339166
Ion Ratio Lower Upper
129 100
127 77.6 38.6 115.8





#61

1,2-Dibromoethane

Concen: 49.53 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VW004566.D

Acq: 09 Aug 2018 22:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 288677

Ion Ratio Lower Upper

107 100

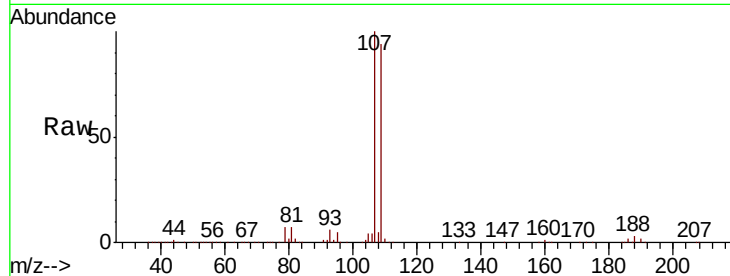
109 93.9 75.7 113.5

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

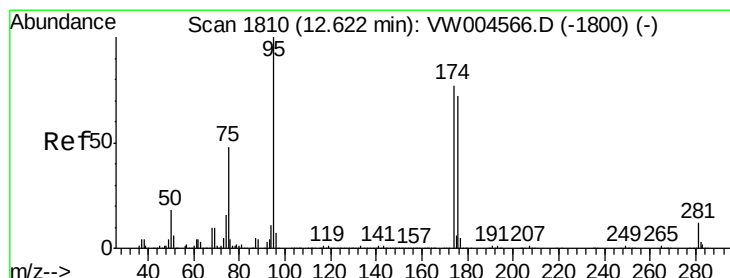
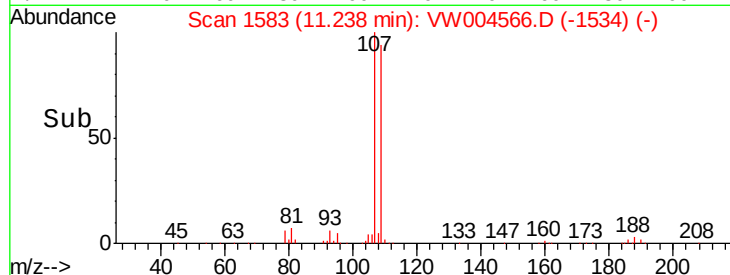
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 53.25 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW004566.D

Acq: 09 Aug 2018 22:08

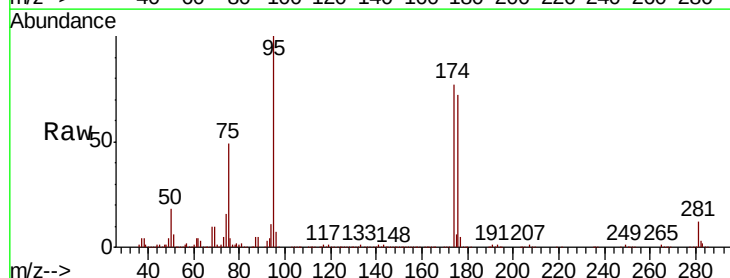
Tgt Ion: 95 Resp: 523593

Ion Ratio Lower Upper

95 100

174 79.1 0.0 160.4

176 76.2 0.0 153.2



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

400000

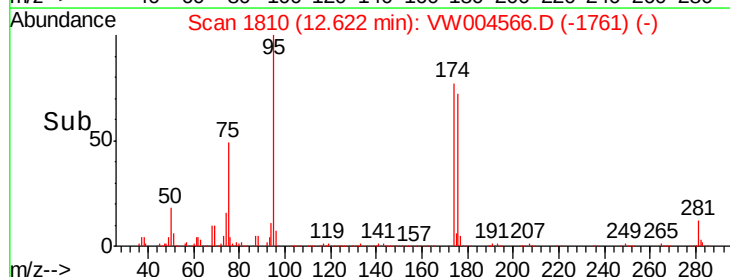
300000

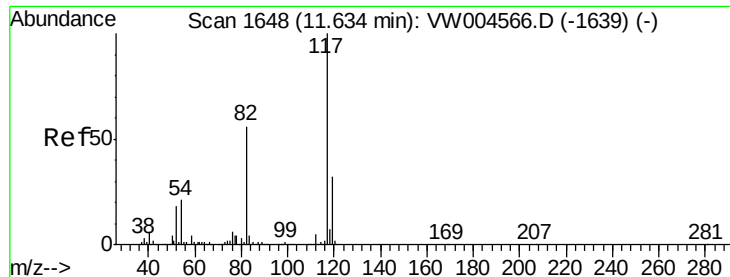
200000

100000

0

Time-->





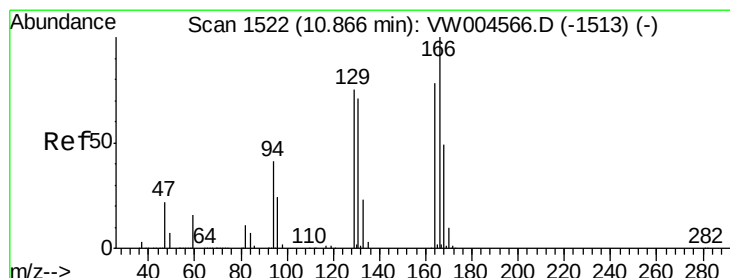
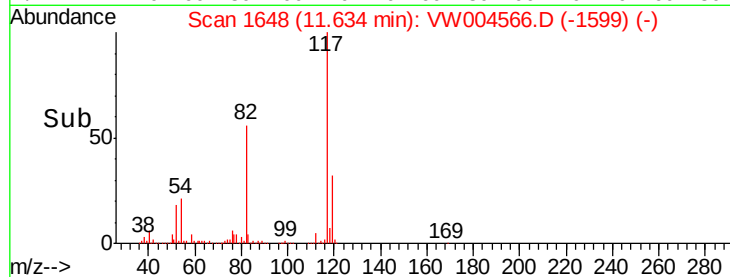
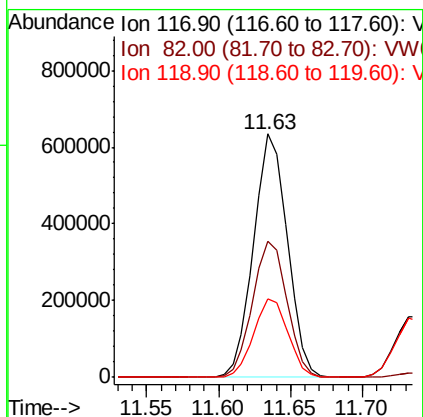
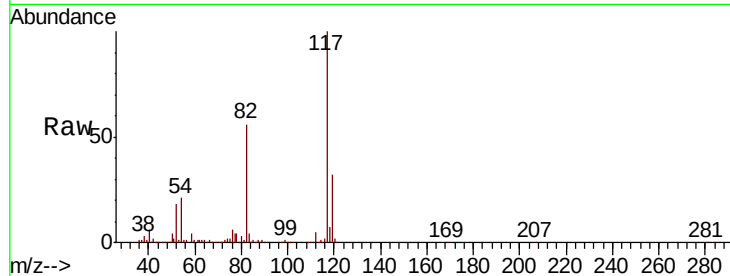
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004566.D
Acq: 09 Aug 2018 22:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.1	45.3	67.9
119	32.1	26.2	39.4

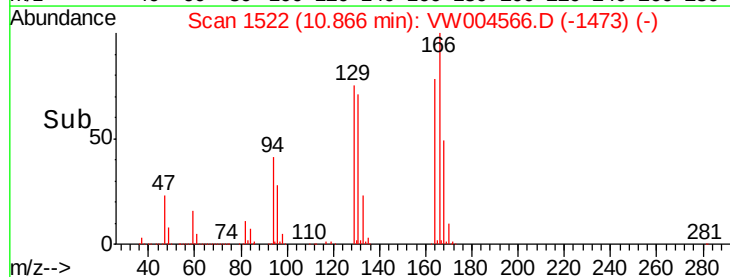
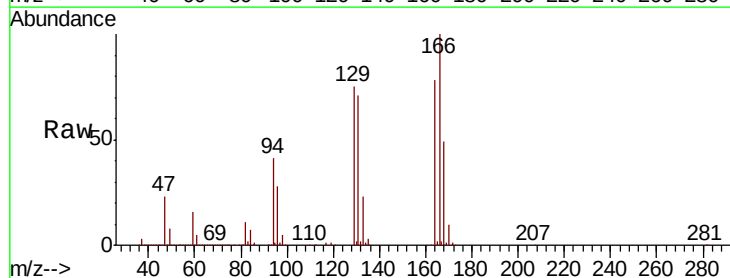
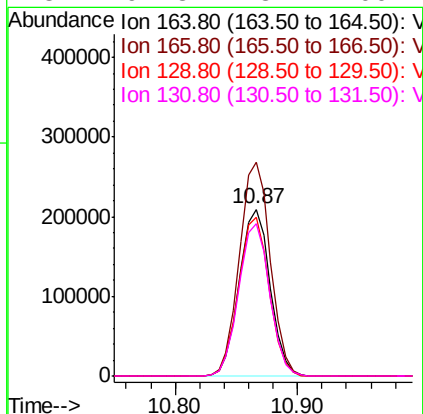
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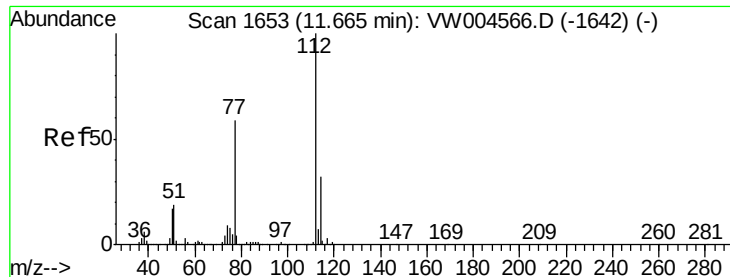
apatel
8/10/2018 11:49:29 AM



#64
Tetrachloroethene
Concen: 50.78 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW004566.D
Acq: 09 Aug 2018 22:08

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.1	98.4	147.6
129	95.5	73.6	110.4
131	91.3	73.1	109.7





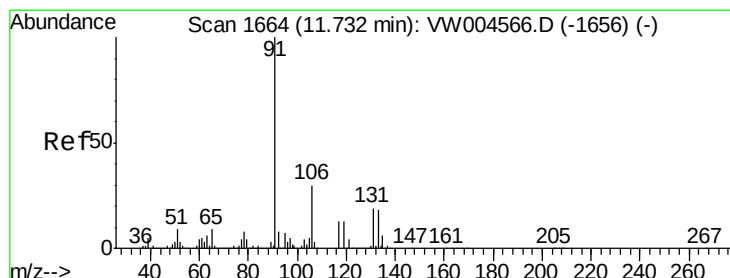
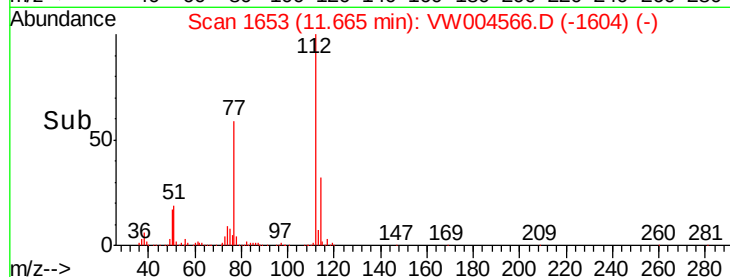
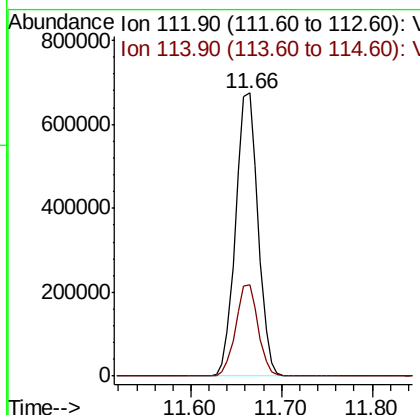
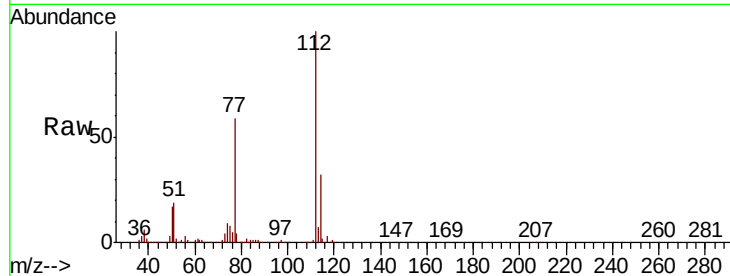
#65
Chlorobenzene
Concen: 50.85 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW004566.D
Acq: 09 Aug 2018 22:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 1156014
Ion Ratio Lower Upper
112 100
114 32.3 26.0 39.0

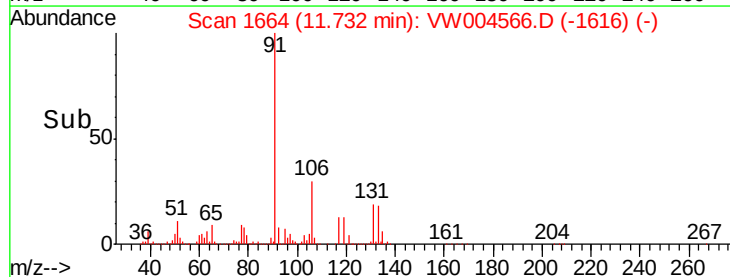
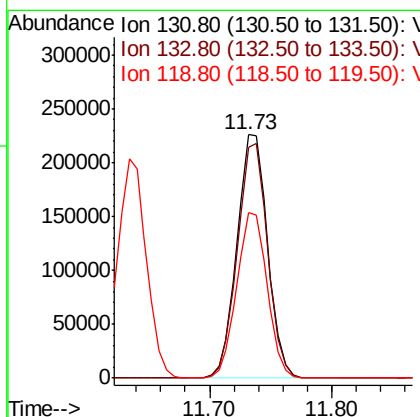
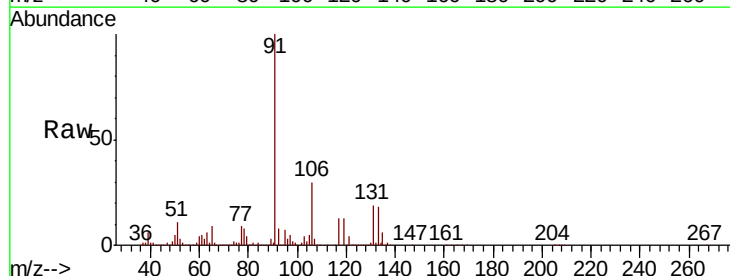
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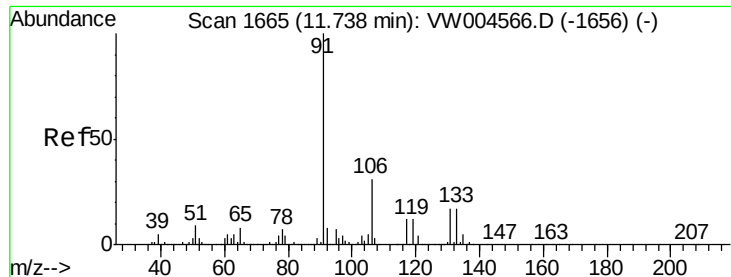
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.44 ug/l
RT: 11.73 min Scan# 1664
Delta R.T. -0.01 min
Lab File: VW004566.D
Acq: 09 Aug 2018 22:08

Tgt Ion:131 Resp: 390447
Ion Ratio Lower Upper
131 100
133 95.4 48.1 144.4
119 67.7 33.9 101.7





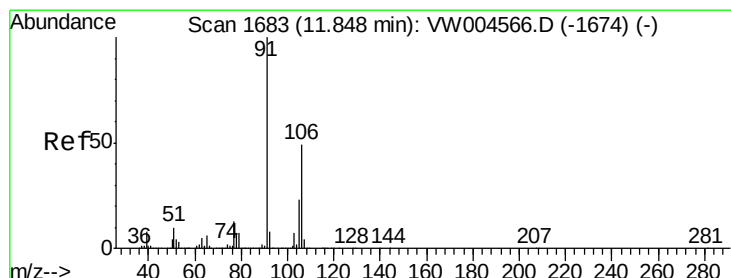
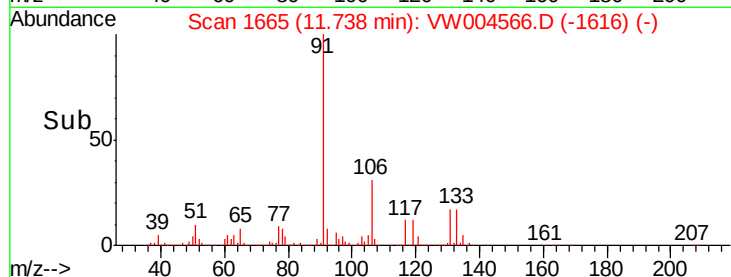
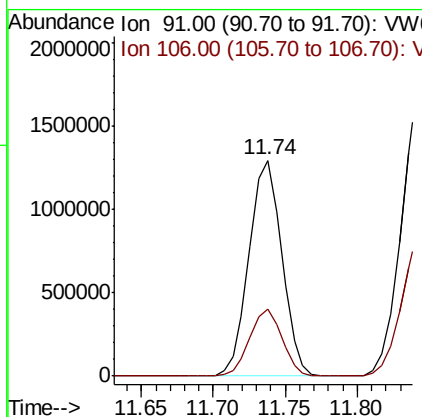
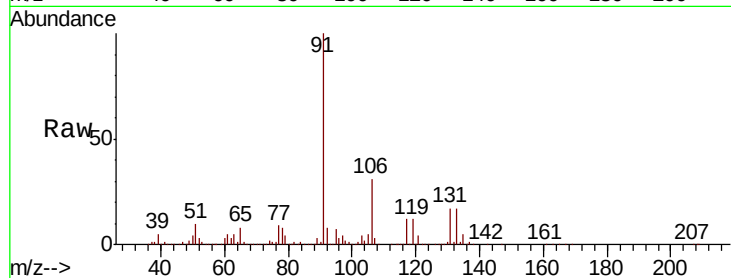
#67
Ethyl Benzene
Concen: 53.02 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW004566.D
Acq: 09 Aug 2018 22:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 2043387
Ion Ratio Lower Upper
91 100
106 31.1 24.2 36.2

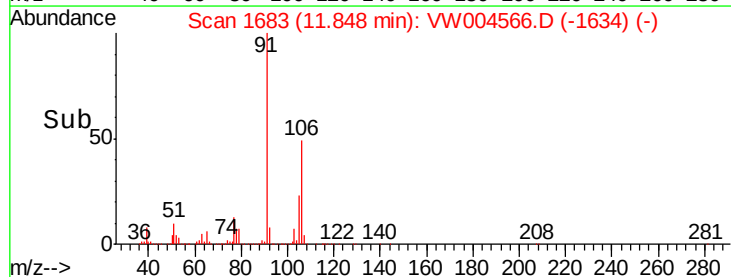
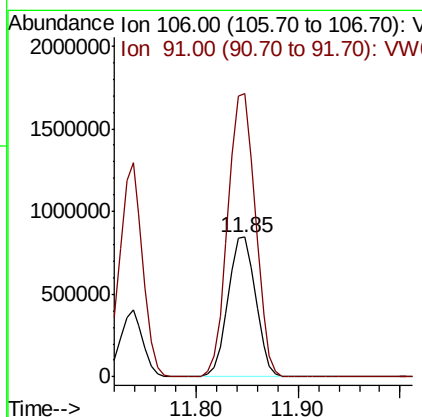
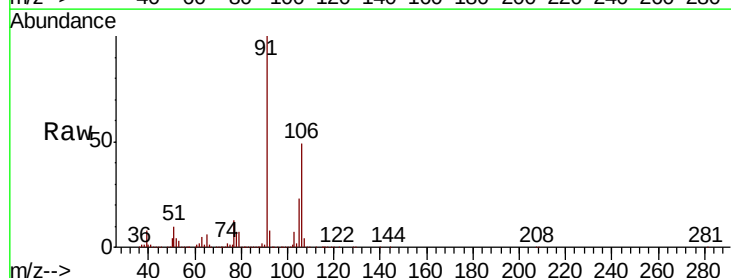
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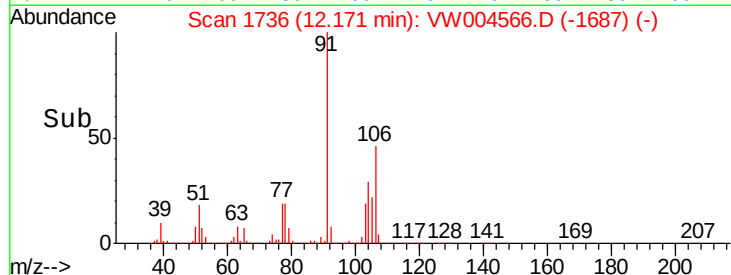
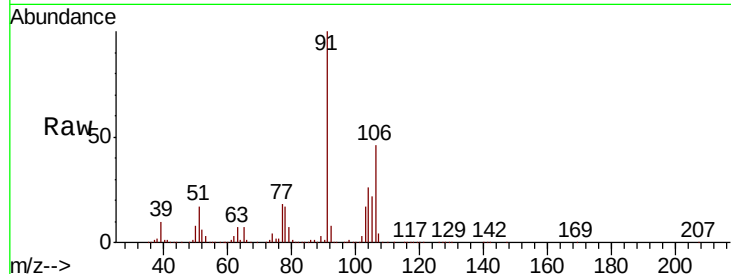
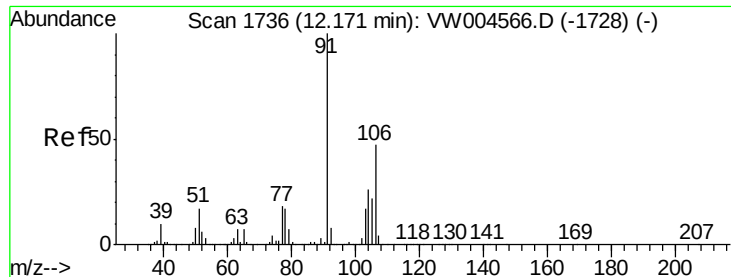
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#68
m/p-Xylenes
Concen: 106.35 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW004566.D
Acq: 09 Aug 2018 22:08

Tgt Ion: 106 Resp: 1584053
Ion Ratio Lower Upper
106 100
91 202.5 162.8 244.2





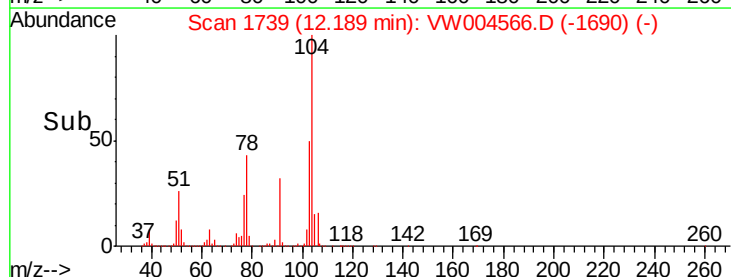
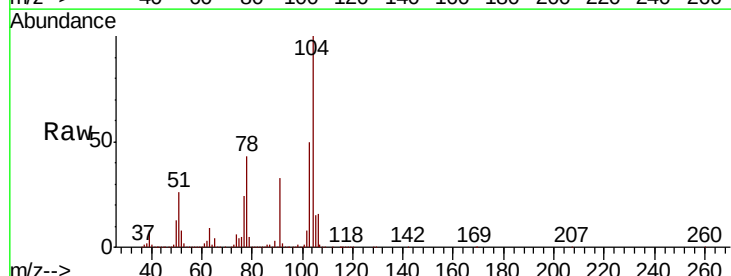
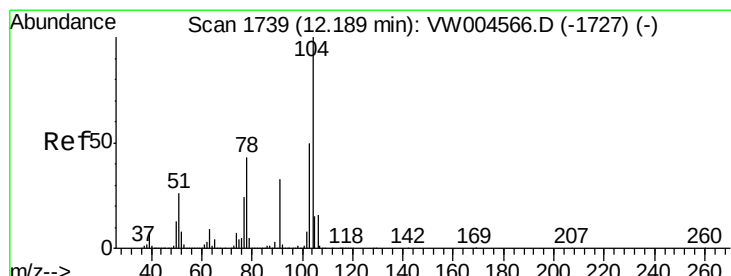
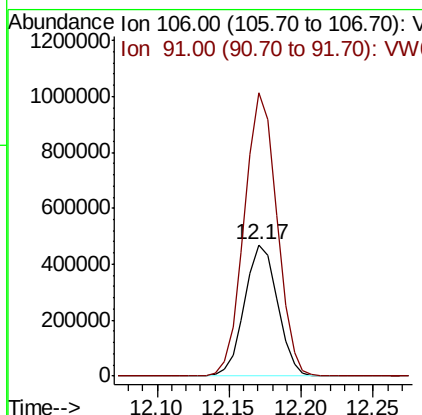
#69
o-Xylene
Concen: 53.78 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW004566.D
Acq: 09 Aug 2018 22:08

Tot Ion:106 Resp: 742906
Ion Ratio Lower Upper
106 100
91 213.5 106.7 320.2

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

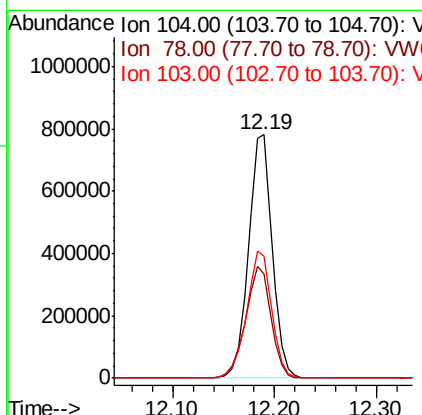
Manual Integrations
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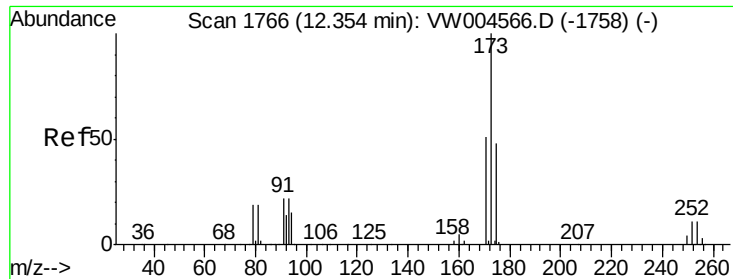
apatel
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#70
Styrene
Concen: 54.43 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW004566.D
Acq: 09 Aug 2018 22:08

Tgt Ion:104 Resp: 1270308
Ion Ratio Lower Upper
104 100
78 48.8 39.0 58.4
103 55.2 44.2 66.2





#71

Bromoform

Concen: 48.80 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW004566.D

Acq: 09 Aug 2018 22:08

Instrument :

MSVOA_W

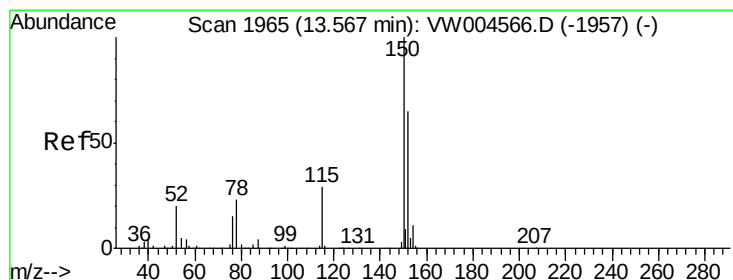
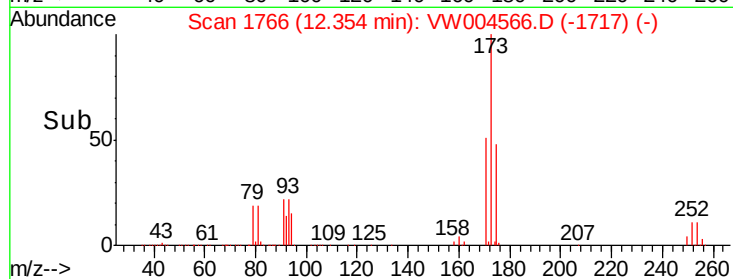
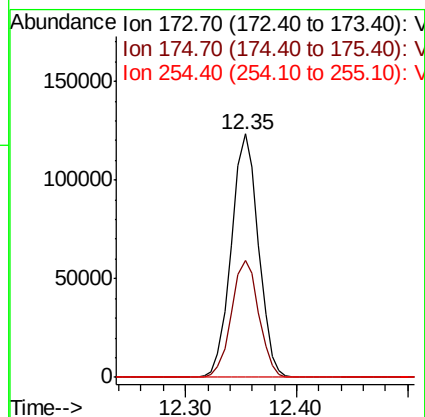
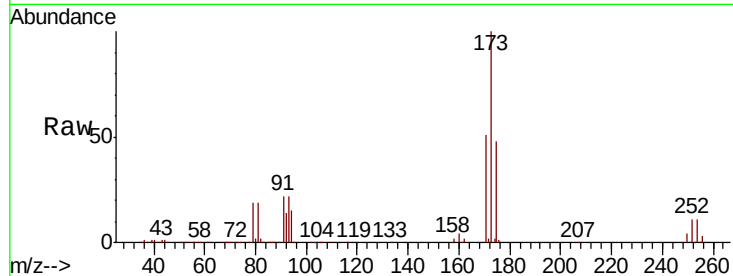
ClientSampleId :

VSTDCCC050

Tot Ion:	173	Resp:	207657
Ion Ratio	Lower	Upper	
173	100		
175	48.4	24.5	73.5
254	0.2	0.2	0.2

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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

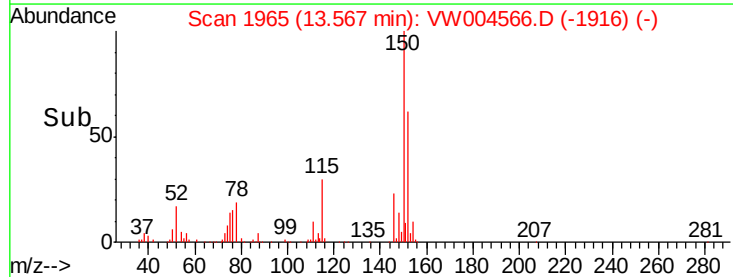
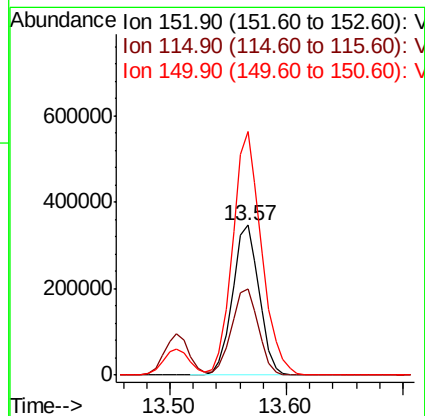
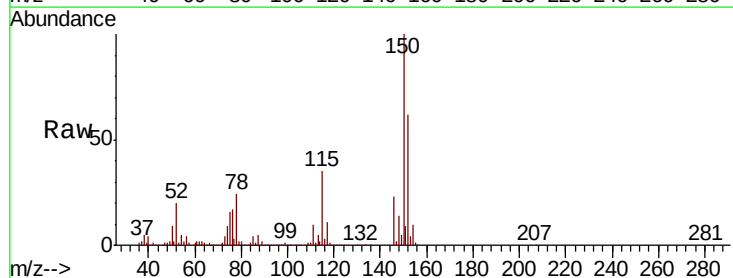
RT: 13.57 min Scan# 1965

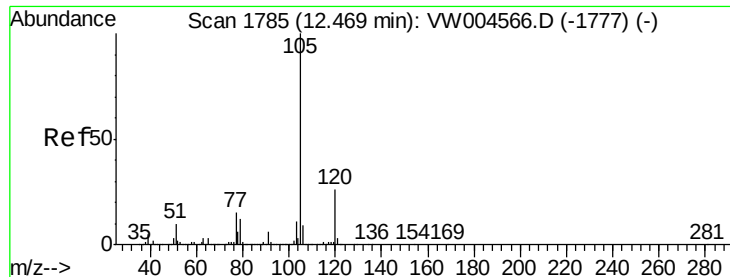
Delta R.T. 0.00 min

Lab File: VW004566.D

Acq: 09 Aug 2018 22:08

Tgt Ion:	152	Resp:	550785
Ion Ratio	Lower	Upper	
152	100		
115	58.4	29.1	87.3
150	175.4	0.0	349.6





#73

Isopropylbenzene

Concen: 53.27 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW004566.D

Acq: 09 Aug 2018 22:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 2029622

Ion Ratio Lower Upper

105 100

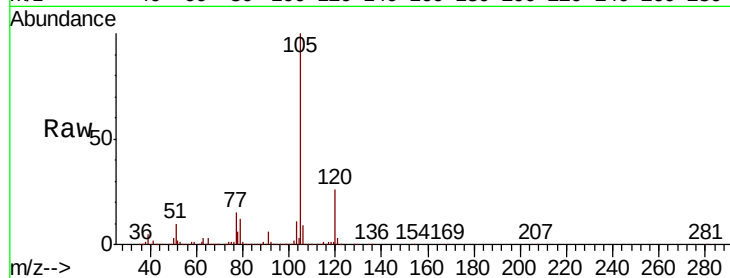
120 26.4 13.2 39.6

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.47

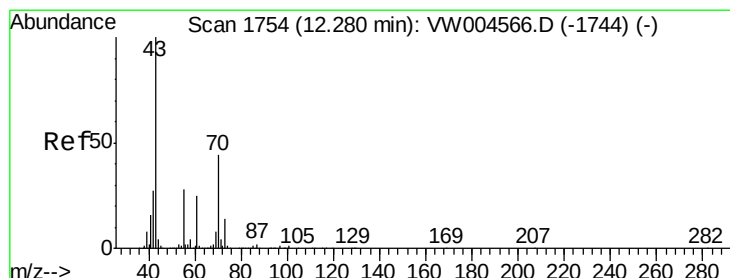
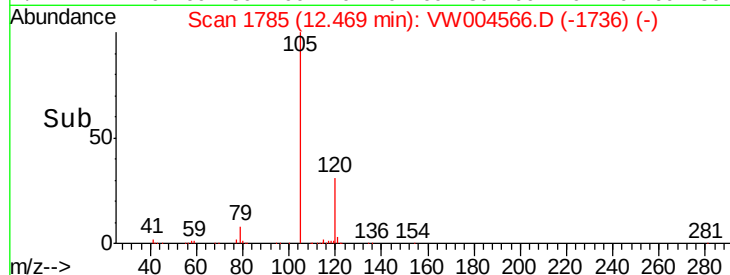
1500000

1000000

500000

0

Time-->



#74

N-ethyl acetate

Concen: 47.93 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW004566.D

Acq: 09 Aug 2018 22:08

Tgt Ion: 43 Resp: 442795

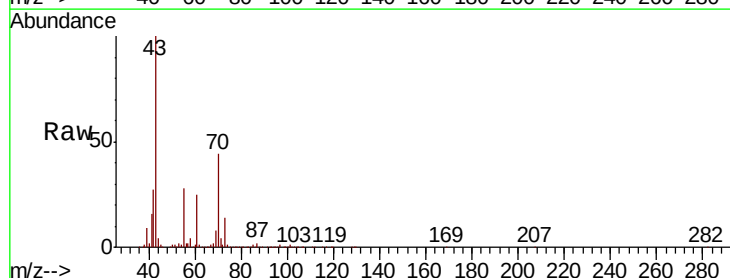
Ion Ratio Lower Upper

43 100

70 43.7 35.3 52.9

55 28.9 22.9 34.3

61 24.6 19.7 29.5



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

400000

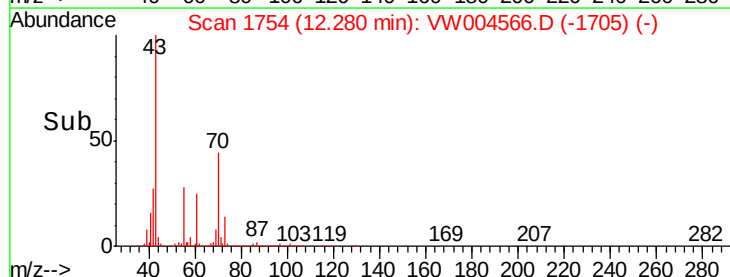
300000

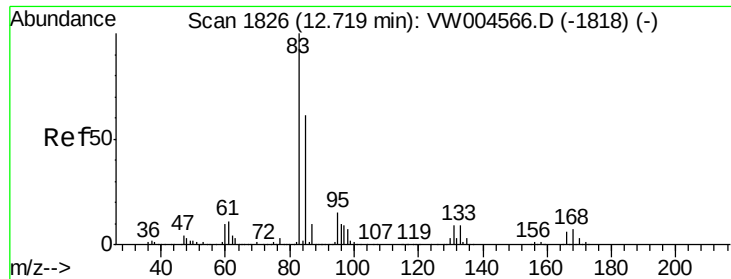
200000

100000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 47.61 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW004566.D

Acq: 09 Aug 2018 22:08

Instrument :

MSVOA_W

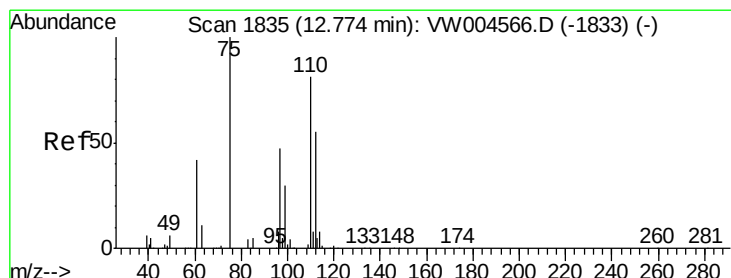
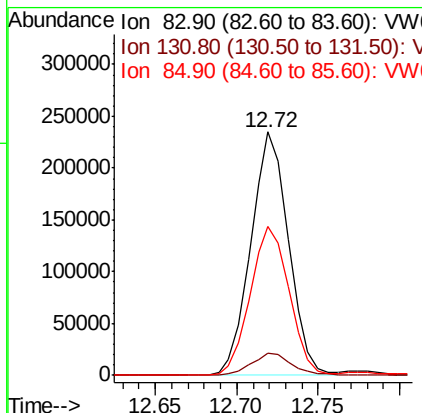
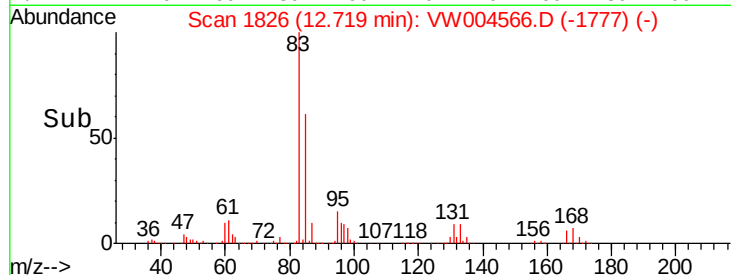
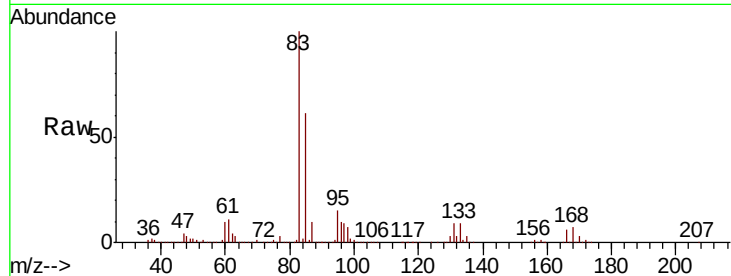
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	378668
Ion Ratio	Lower	Upper	
83	100		
131	9.8	5.0	15.0
85	63.2	31.8	95.4

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#76

1,2,3-Trichloropropane

Concen: 43.40 ug/l m

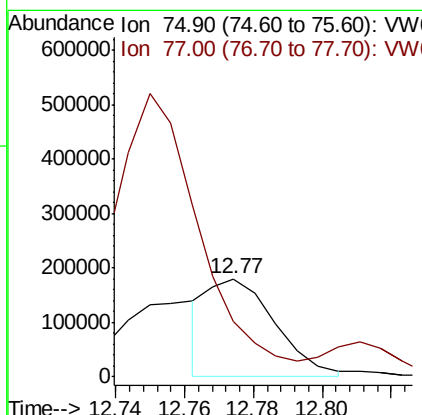
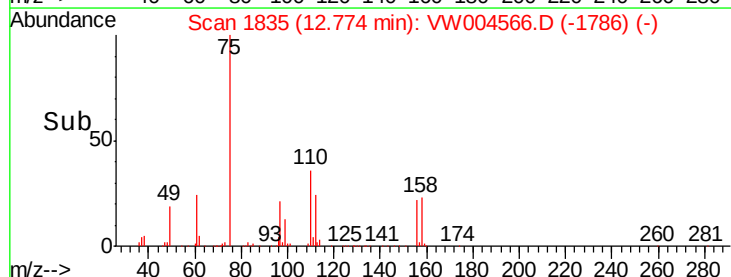
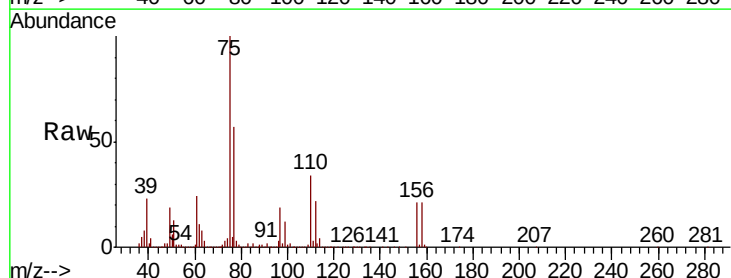
RT: 12.77 min Scan# 1835

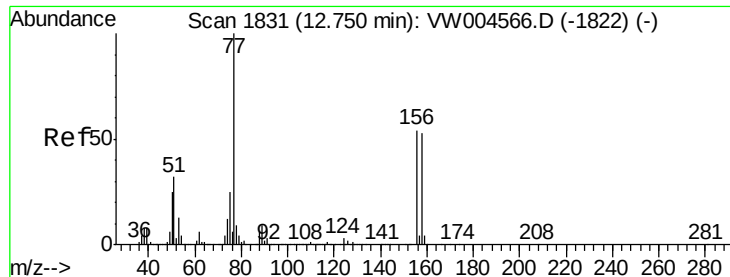
Delta R.T. 0.00 min

Lab File: VW004566.D

Acq: 09 Aug 2018 22:08

Tgt Ion:	75	Resp:	247345
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 51.39 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VW004566.D

Acq: 09 Aug 2018 22:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:156 Resp: 473680

Ion Ratio Lower Upper

156 100

77 195.4 98.7 296.1

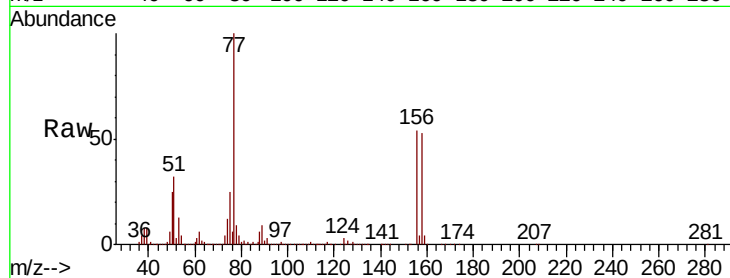
158 97.4 48.7 146.1

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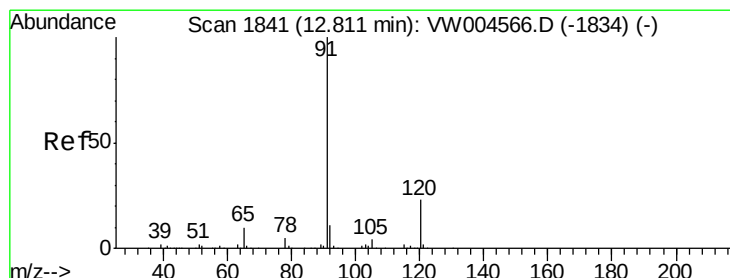
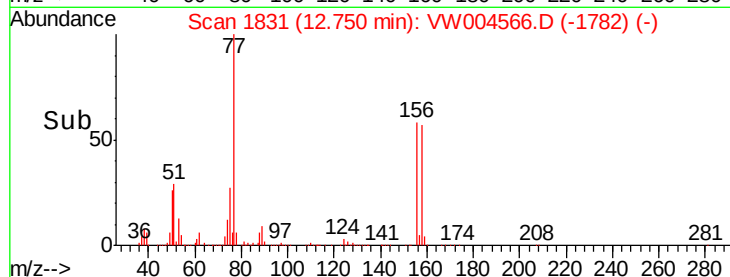
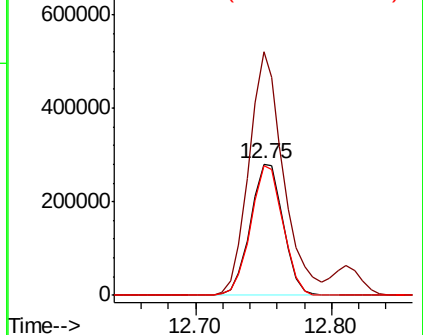
8/10/2018 11:49:29 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.77 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW004566.D

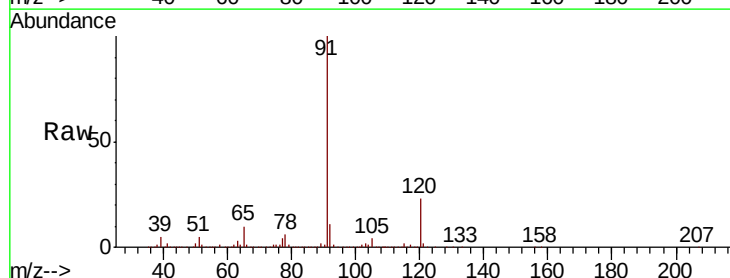
Acq: 09 Aug 2018 22:08

Tgt Ion: 91 Resp: 2527648

Ion Ratio Lower Upper

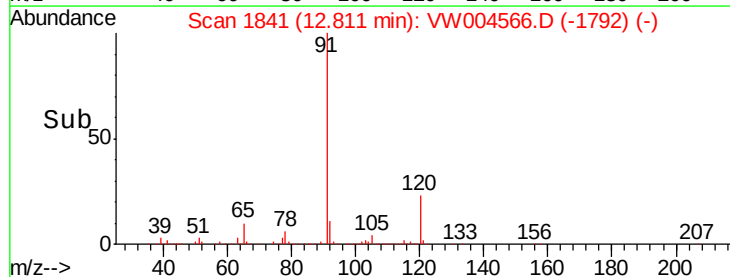
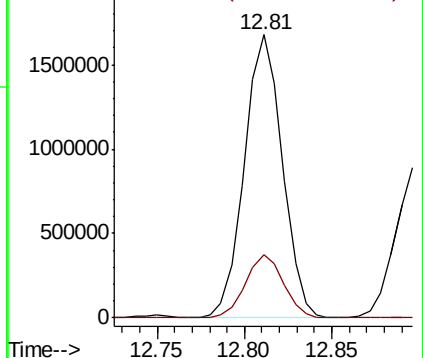
91 100

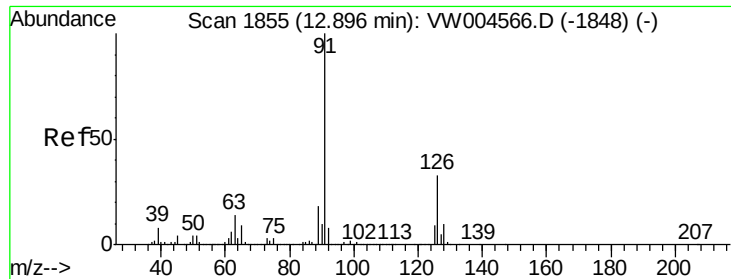
120 22.4 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.90 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW004566.D

Acq: 09 Aug 2018 22:08

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 1439183

Ion Ratio Lower Upper

91 100

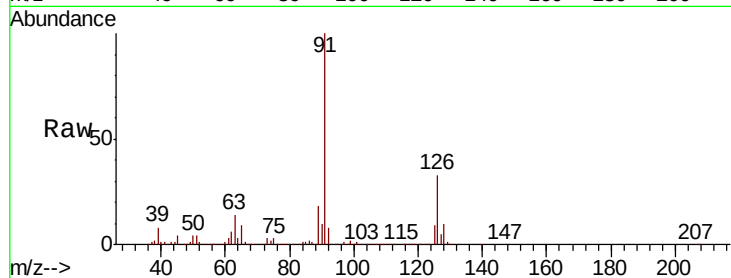
126 32.8 16.6 49.8

Manual Integrations

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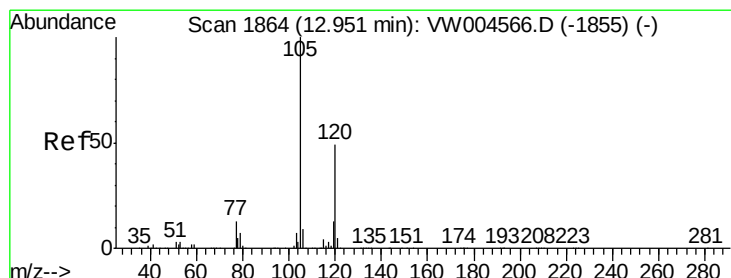
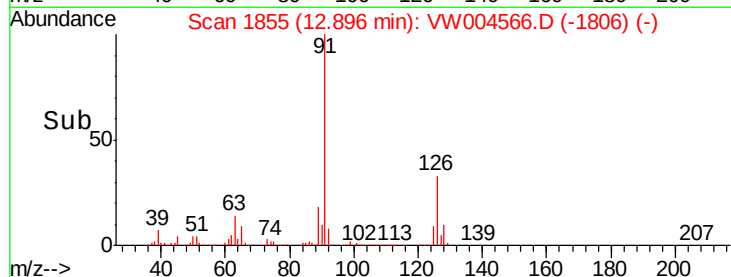
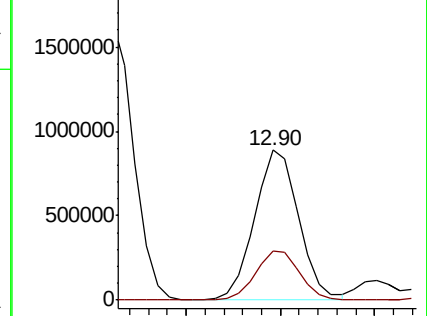
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 54.00 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW004566.D

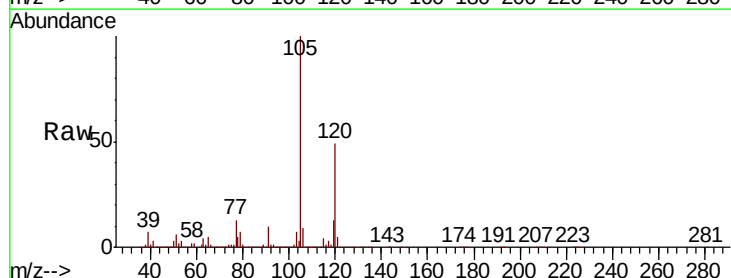
Acq: 09 Aug 2018 22:08

Tgt Ion:105 Resp: 1755077

Ion Ratio Lower Upper

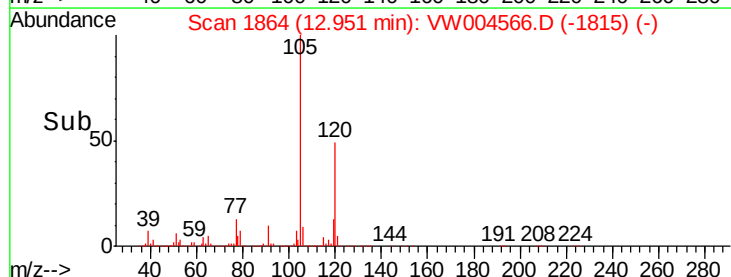
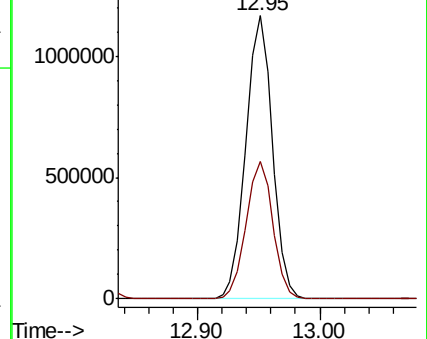
105 100

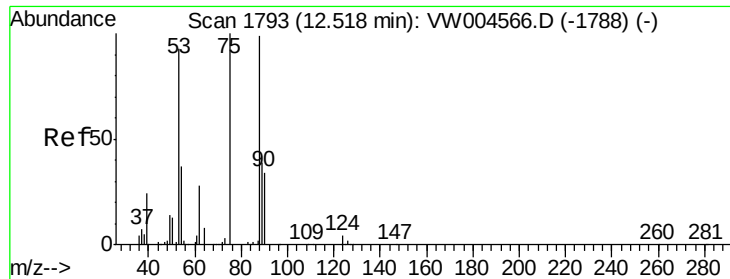
120 48.9 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





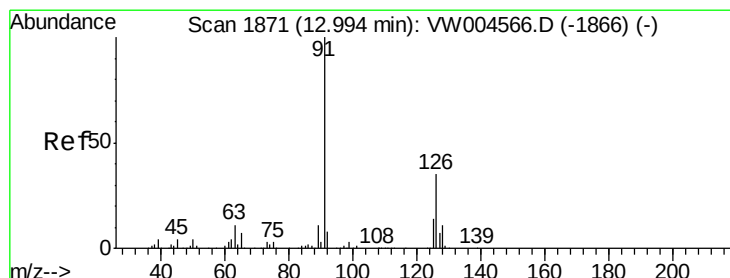
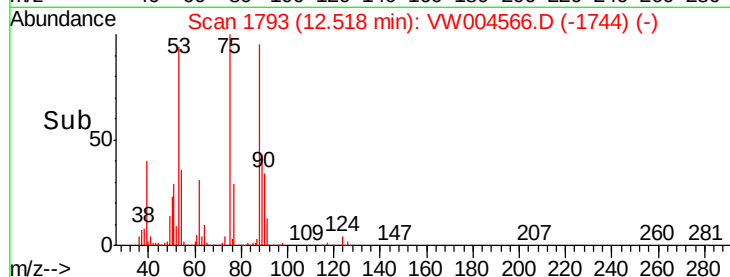
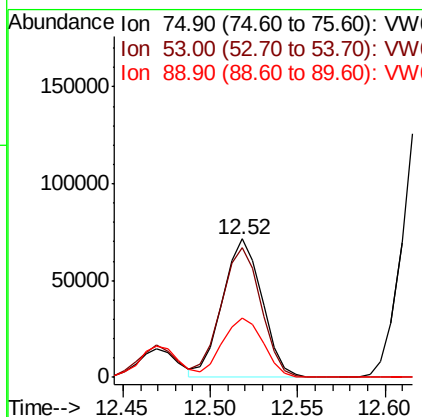
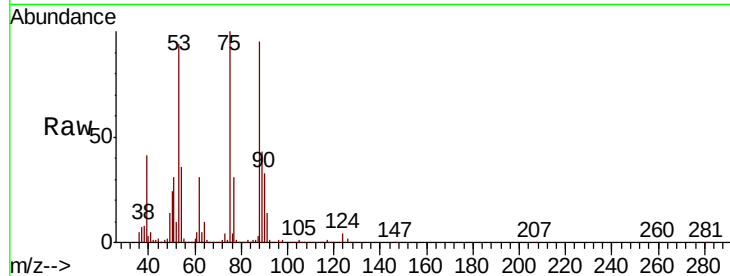
#81
trans-1,4-Dichloro-2-butene
Concen: 47.15 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VW004566.D
Acq: 09 Aug 2018 22:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	95.0	74.4	111.6
89	43.9	35.9	53.9

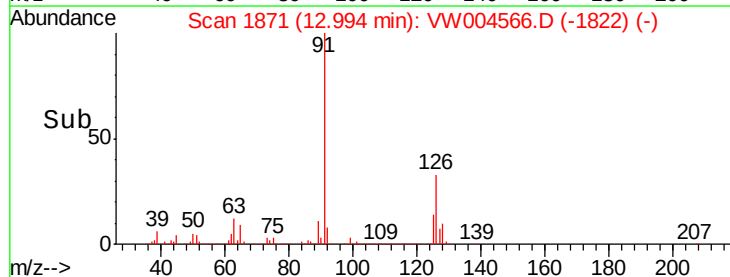
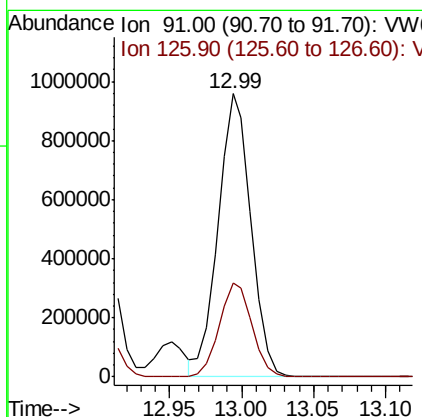
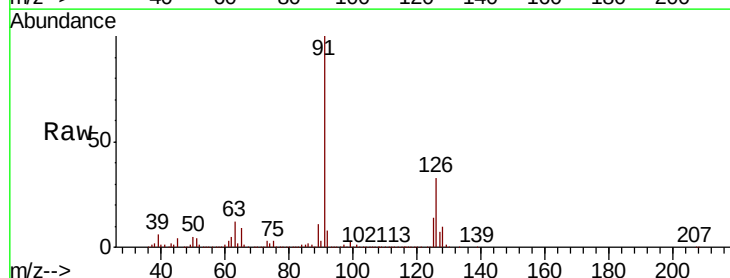
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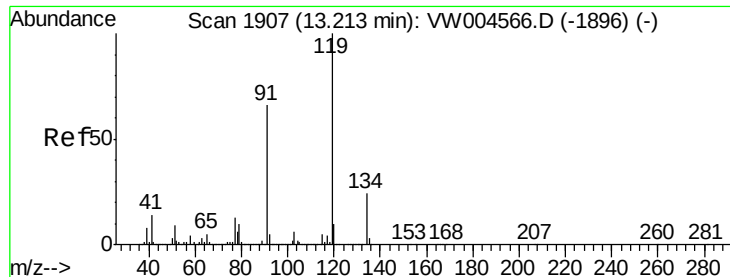
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#82
4-Chlorotoluene
Concen: 52.63 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. 0.00 min
Lab File: VW004566.D
Acq: 09 Aug 2018 22:08

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.2	16.5	49.5





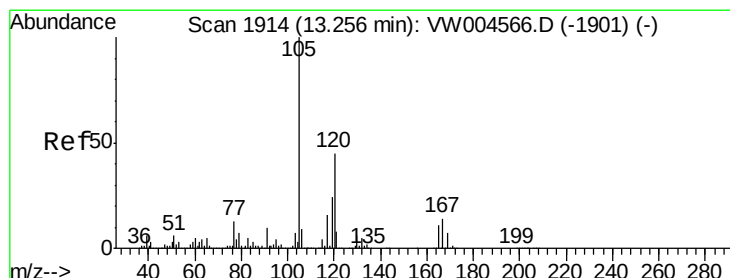
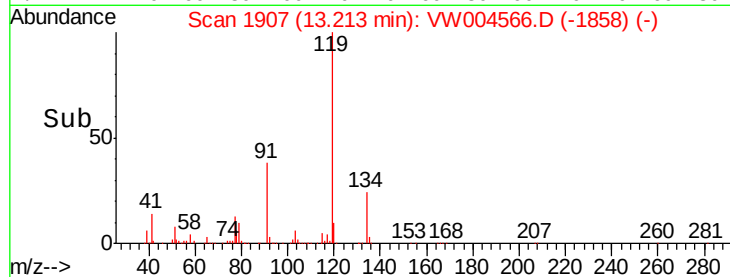
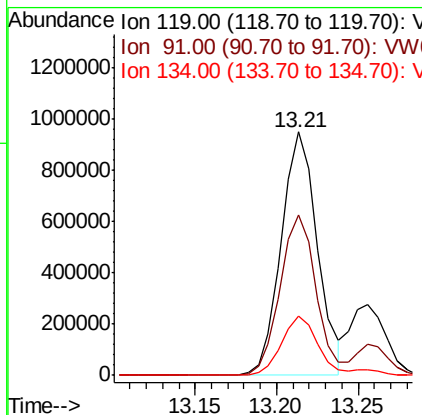
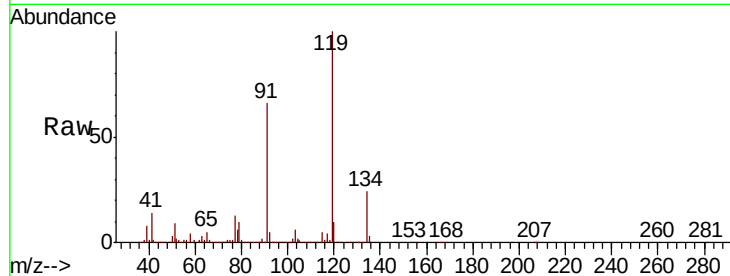
#83
 tert-Butylbenzene
 Concen: 53.72 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW004566.D
 Acq: 09 Aug 2018 22:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.9	33.3	99.8
134	26.0	12.2	36.6

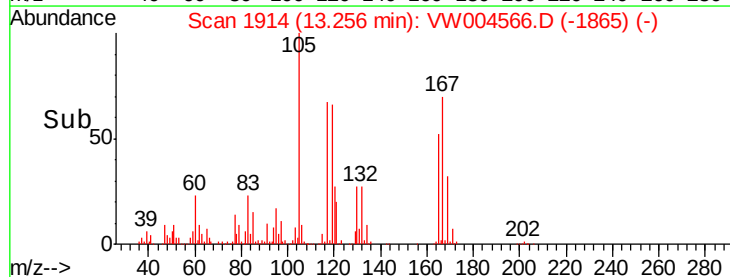
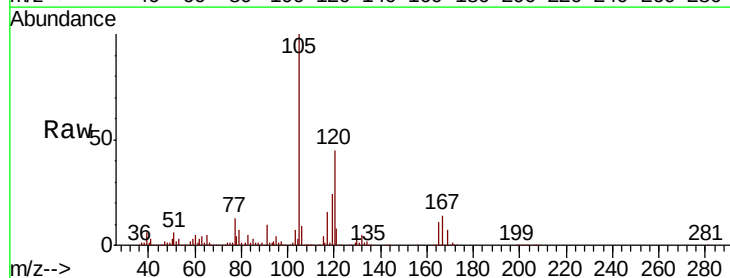
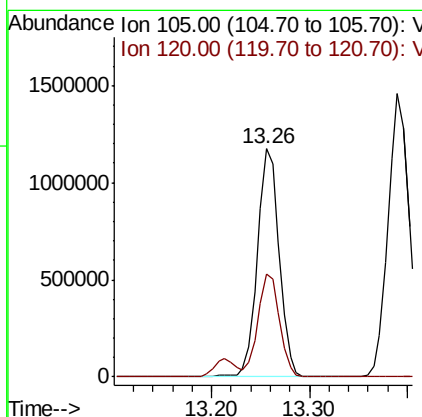
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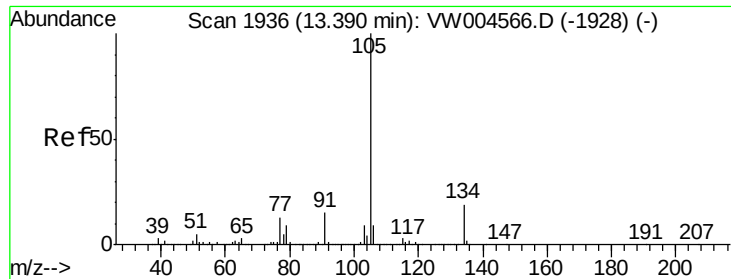
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#84
 1,2,4-Trimethylbenzene
 Concen: 53.86 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. 0.00 min
 Lab File: VW004566.D
 Acq: 09 Aug 2018 22:08

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.8	22.6	67.8





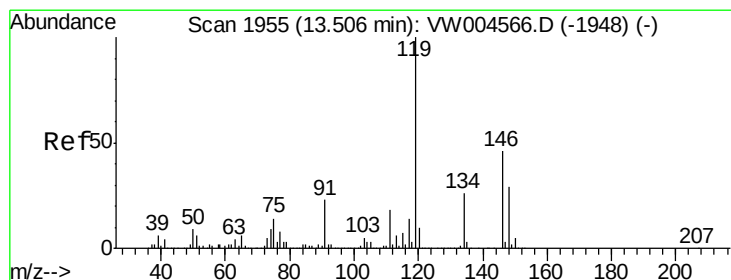
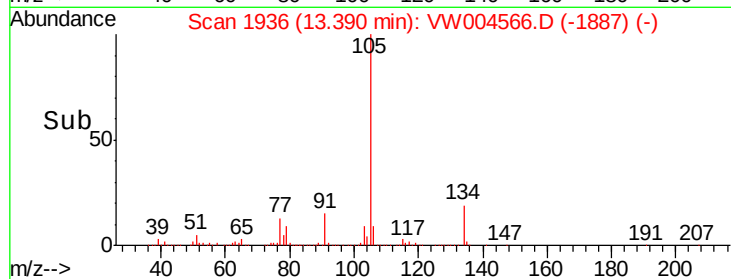
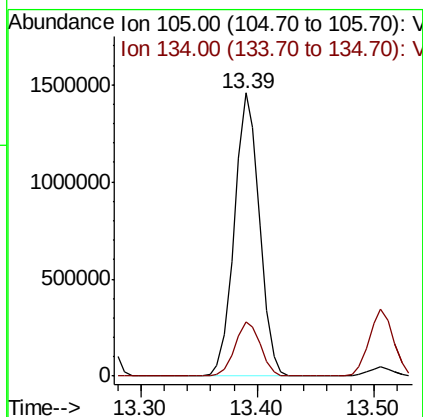
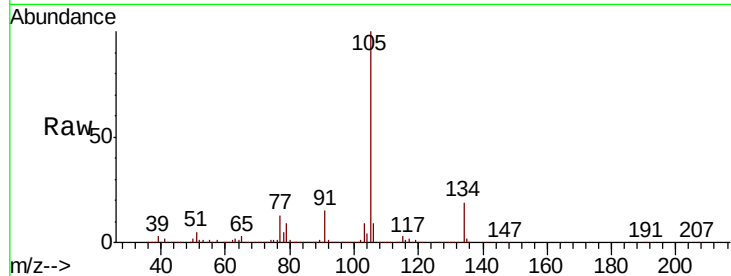
#85
 sec-Butylbenzene
 Concen: 53.14 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VW004566.D
 Acq: 09 Aug 2018 22:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.5	9.8	29.5

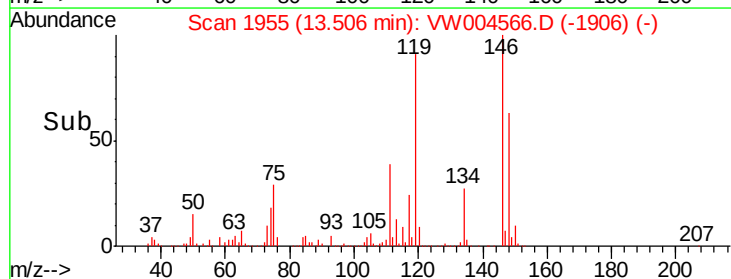
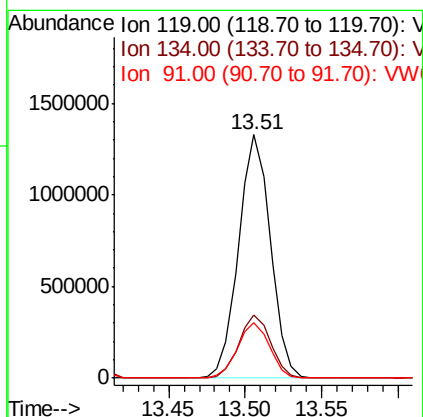
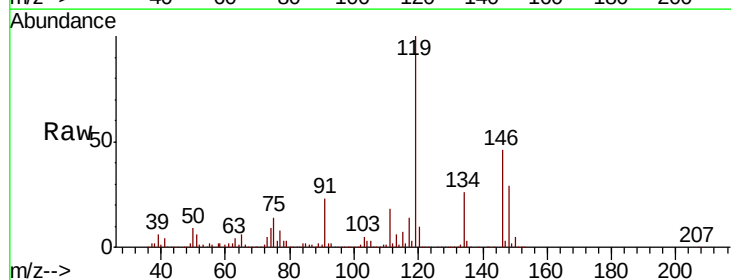
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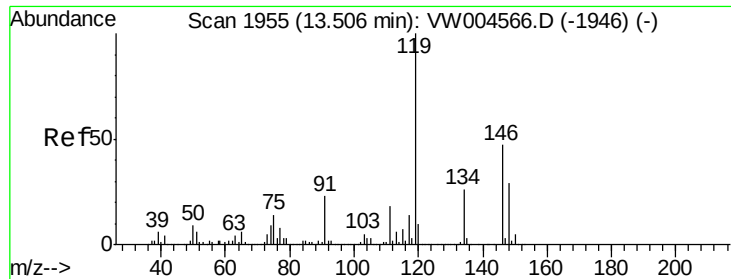
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#86
 p-Isopropyltoluene
 Concen: 53.77 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004566.D
 Acq: 09 Aug 2018 22:08

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.0	13.1	39.1
91	23.0	11.4	34.1





#87

1,3-Dichlorobenzene

Concen: 51.01 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW004566.D

Acq: 09 Aug 2018 22:08

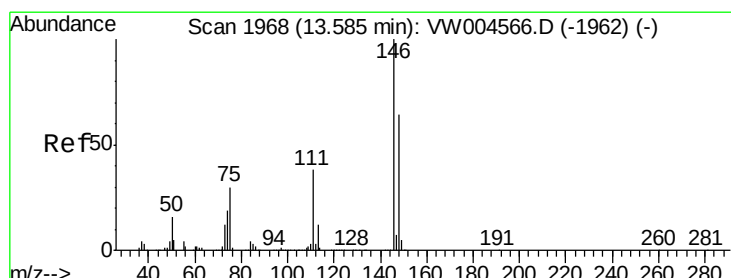
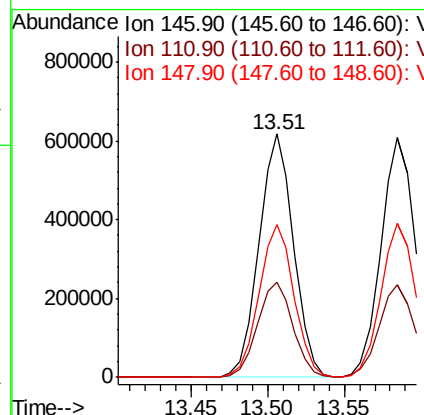
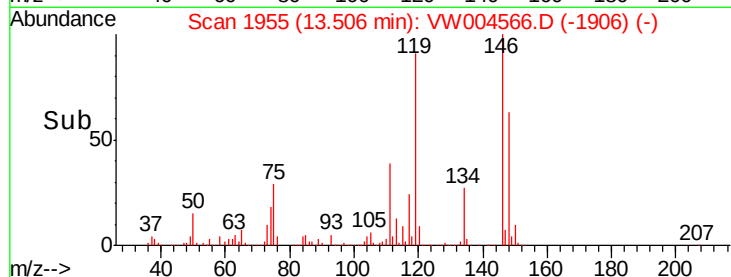
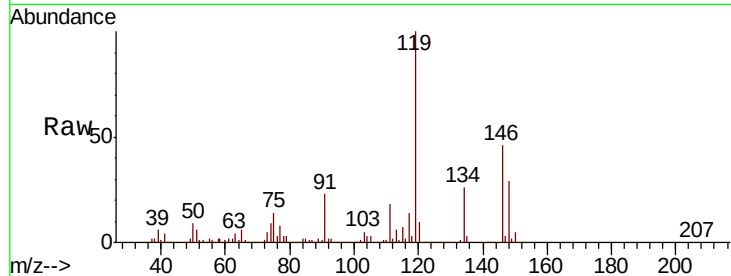
Instrument :
MSVOA_W

ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	968832		
111	39.9	20.0	59.9	
148	63.3	31.7	95.1	

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 50.24 ug/l

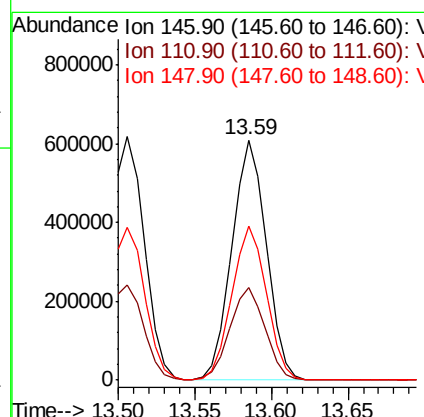
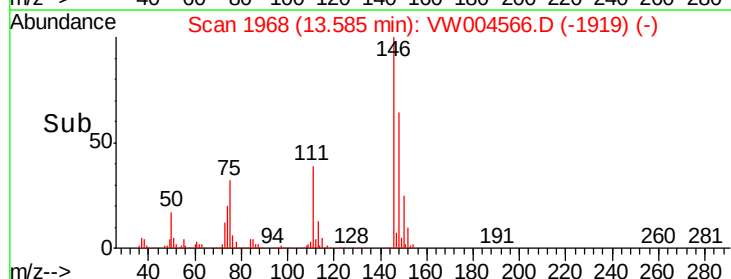
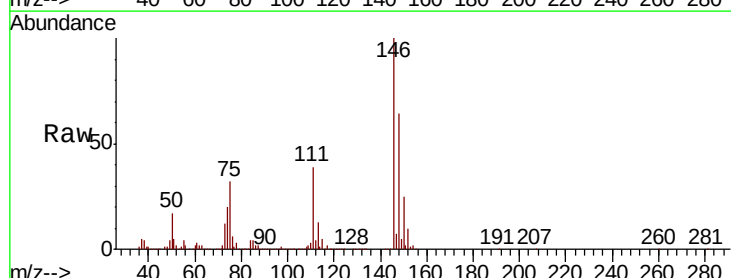
RT: 13.59 min Scan# 1968

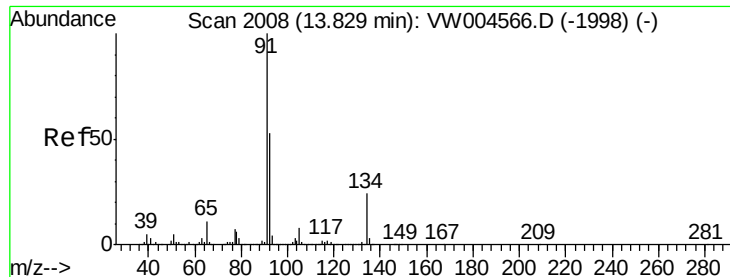
Delta R.T. 0.00 min

Lab File: VW004566.D

Acq: 09 Aug 2018 22:08

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	949947		
111	39.3	19.6	58.8	
148	64.2	31.9	95.5	





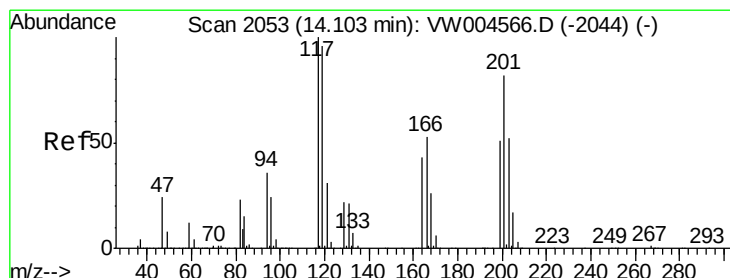
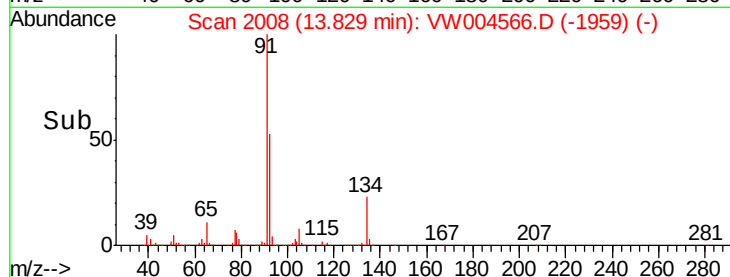
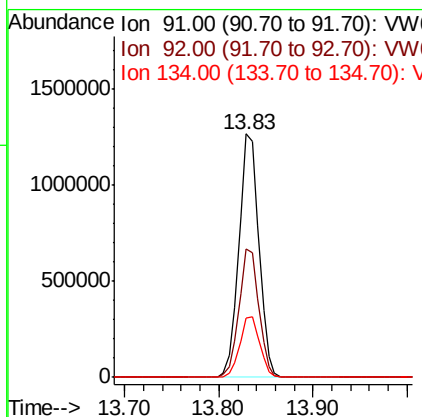
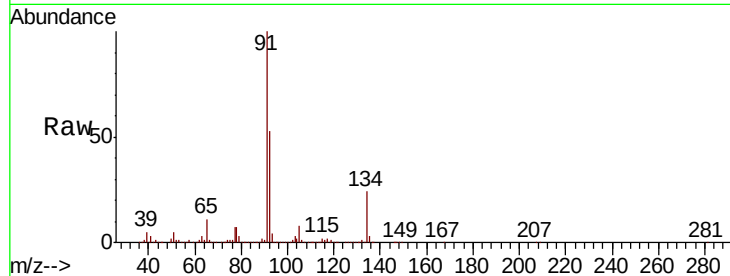
#89
n-Butylbenzene
Concen: 53.36 ug/l
RT: 13.83 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VW004566.D
Acq: 09 Aug 2018 22:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.4	79.0
134	24.9	12.4	37.2

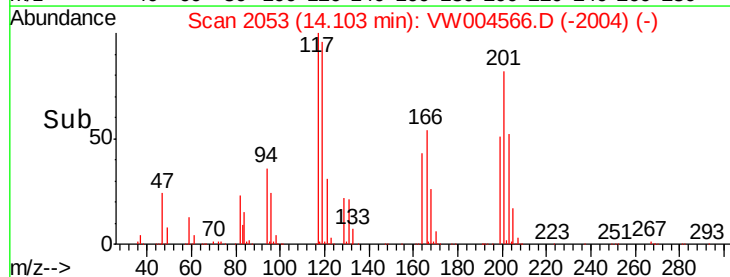
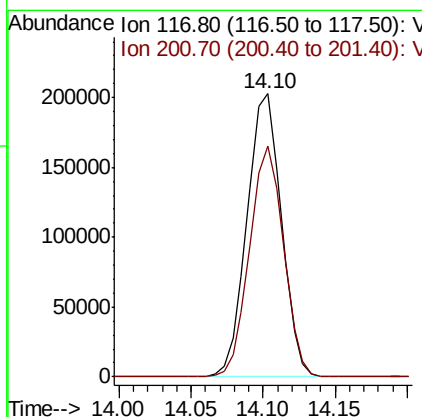
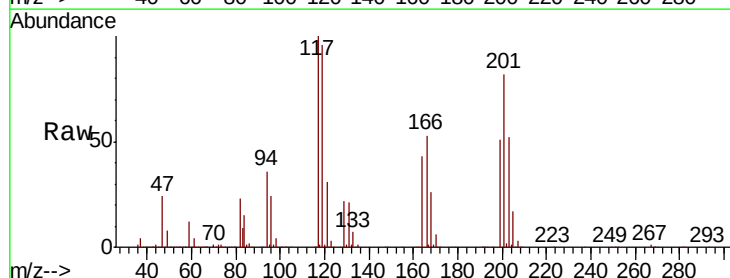
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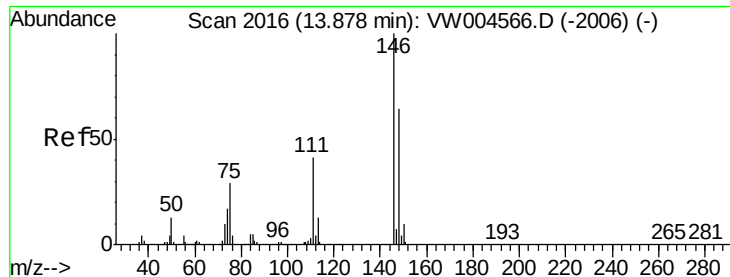
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#90
Hexachloroethane
Concen: 50.67 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VW004566.D
Acq: 09 Aug 2018 22:08

Tgt Ion	Ratio	Lower	Upper
117	100		
201	80.6	40.1	120.3





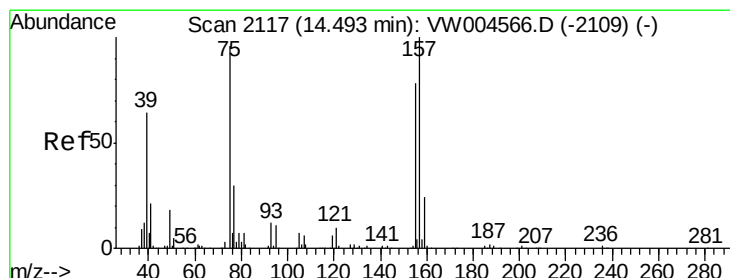
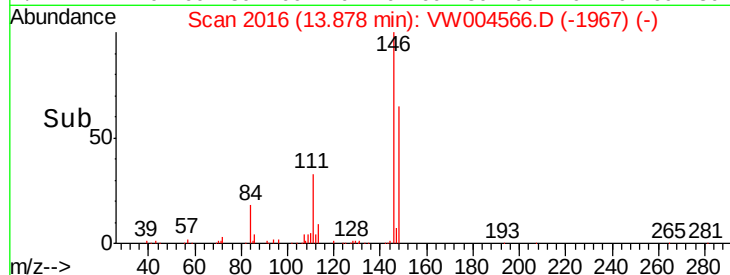
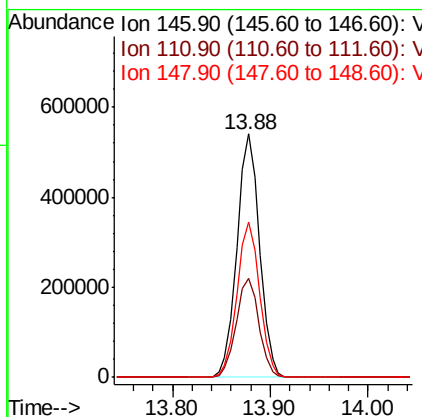
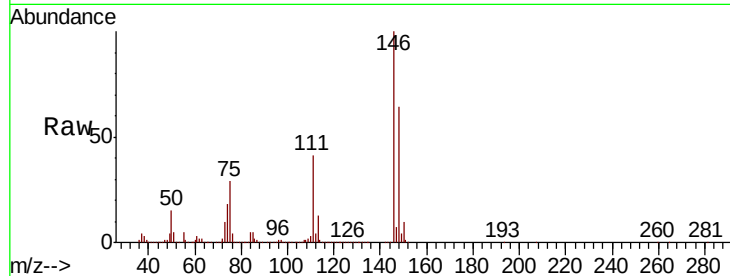
#91
 1,2-Dichlorobenzene
 Concen: 50.28 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW004566.D
 Acq: 09 Aug 2018 22:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.8	62.2
148	63.9	31.8	95.4

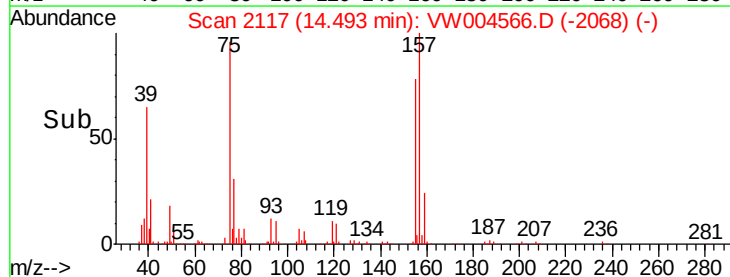
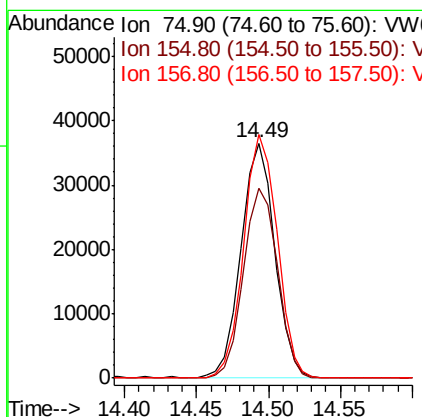
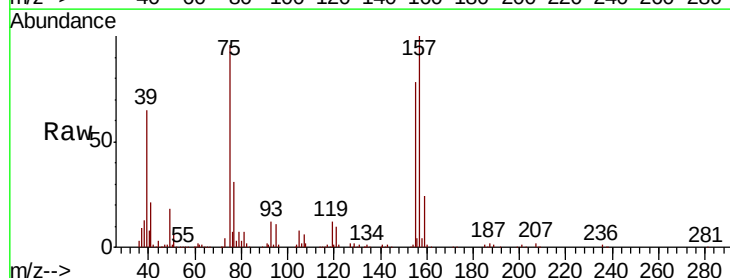
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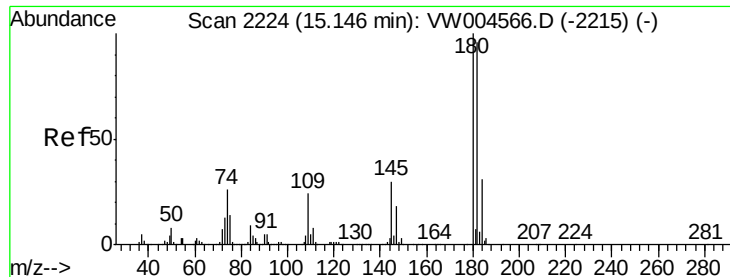
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.78 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW004566.D
 Acq: 09 Aug 2018 22:08

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.4	41.3	123.7
157	102.6	52.6	157.8





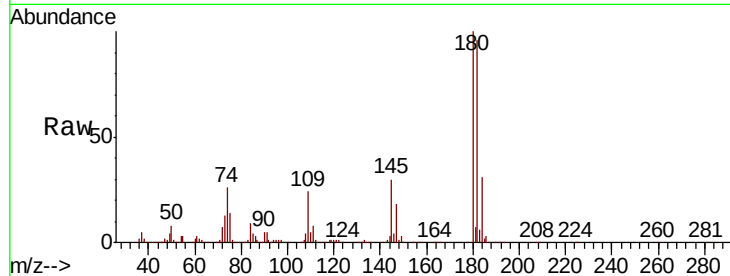
#93
 1,2,4-Trichlorobenzene
 Concen: 51.13 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW004566.D
 Acq: 09 Aug 2018 22:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

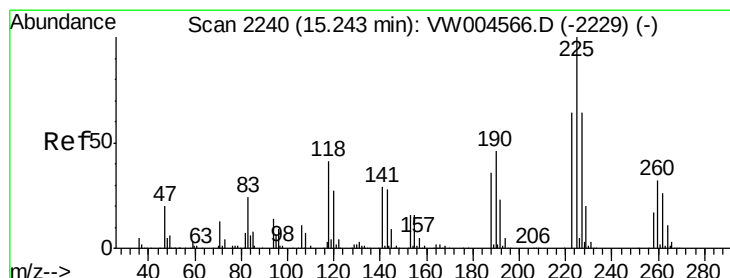
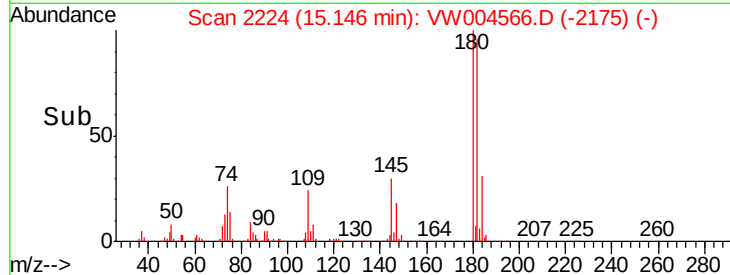
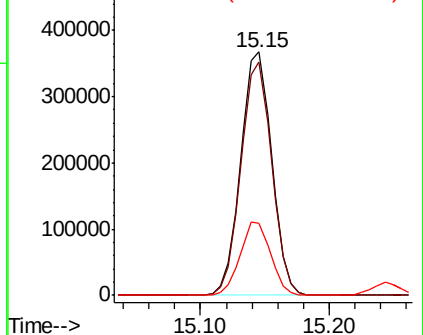
Tot Ion:	180	Resp:	609927
Ion Ratio	Lower	Upper	
180	100		
182	95.2	47.9	143.6
145	29.7	14.9	44.9

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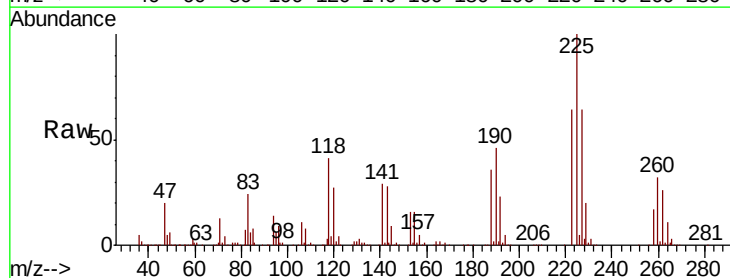


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

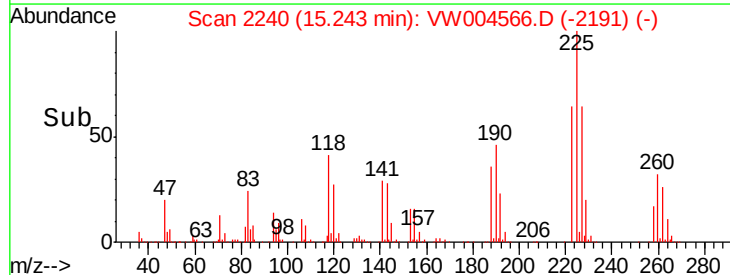
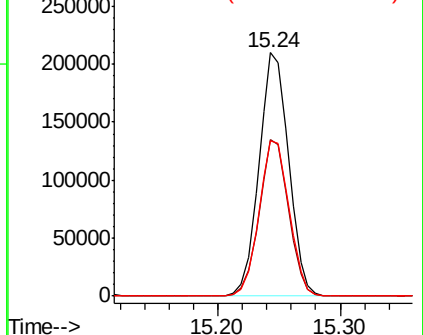


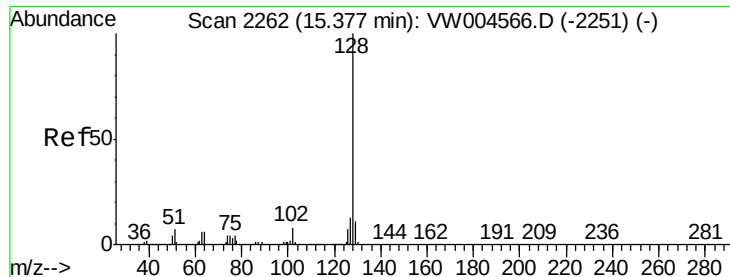
#94
 Hexachlorobutadiene
 Concen: 51.07 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. 0.00 min
 Lab File: VW004566.D
 Acq: 09 Aug 2018 22:08

Tgt Ion:	225	Resp:	354736
Ion Ratio	Lower	Upper	
225	100		
223	63.6	31.3	93.8
227	64.9	31.8	95.4



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





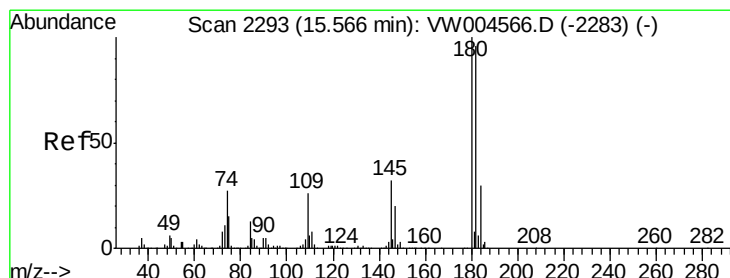
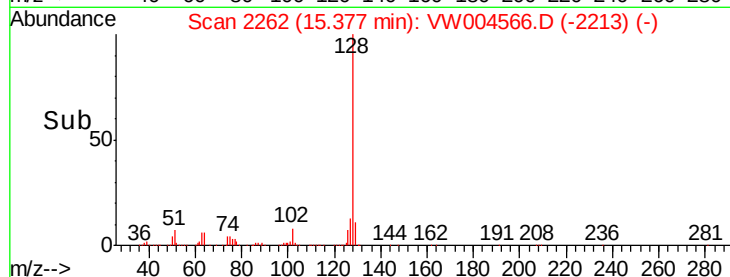
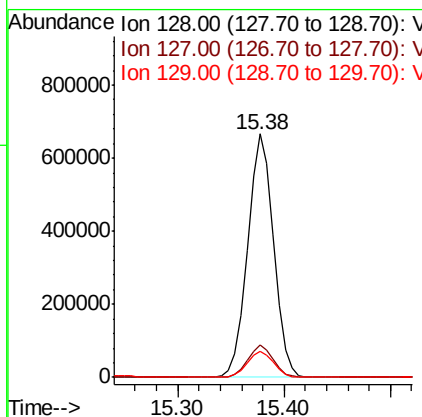
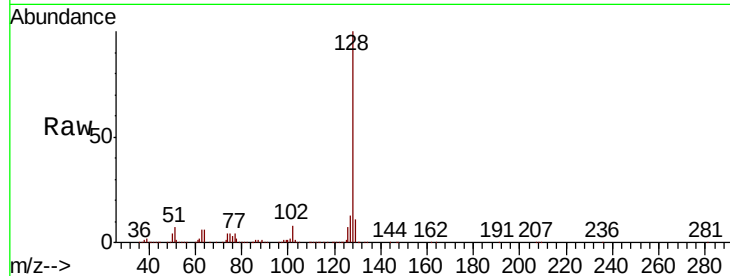
#95
Naphthalene
Concen: 46.35 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW004566.D
Acq: 09 Aug 2018 22:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	10.9	8.6	13.0

Manual Integrations
APPROVED

apatel
8/10/2018 11:49:29 AM



#96
1,2,3-Trichlorobenzene
Concen: 51.42 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW004566.D
Acq: 09 Aug 2018 22:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.0	141.2
145	31.9	15.9	47.6

