

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081718\
 Data File : VW004701.D
 Acq On : 15 Aug 2018 17:17
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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 8/16/2018 10:01:24 AM

Quant Time: Aug 16 05:05:55 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	684017	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1005100	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	949810	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	504154	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	341620	45.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.24%	
35) Dibromofluoromethane	7.88	113	346056	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	
50) Toluene-d8	10.33	98	1356766	53.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.20%	
62) 4-Bromofluorobenzene	12.62	95	495243	53.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	189408m	40.35	ug/l	
3) Chloromethane	2.22	50	267226	40.86	ug/l	99
4) Vinyl Chloride	2.37	62	408806	44.75	ug/l	98
5) Bromomethane	2.78	94	250516	47.10	ug/l	98
6) Chloroethane	2.92	64	254267	46.58	ug/l	99
7) Trichlorofluoromethane	3.25	101	191832	56.85	ug/l	95
8) Diethyl Ether	3.67	74	186540	43.70	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	357032	47.91	ug/l	97
10) Methyl Iodide	4.26	142	523139	46.79	ug/l	100
11) Tert butyl alcohol	5.20	59	90164	203.37	ug/l	98
12) 1,1-Dichloroethene	4.03	96	345619	46.08	ug/l	97
13) Acrolein	3.89	56	131558	242.19	ug/l	98
14) Allyl chloride	4.66	41	557038	49.43	ug/l	98
15) Acrylonitrile	5.37	53	410638	216.49	ug/l	99
16) Acetone	4.13	43	456998	241.68	ug/l	100
17) Carbon Disulfide	4.37	76	1096074	45.47	ug/l	99
18) Methyl Acetate	4.67	43	193628	41.06	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	483771	47.28	ug/l	97
20) Methylene Chloride	4.91	84	399179	41.76	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	389697	48.21	ug/l	97
22) Diisopropyl ether	6.31	45	1116038	48.19	ug/l	99
23) Vinyl Acetate	6.26	43	3164048	227.32	ug/l	99
24) 1,1-Dichloroethane	6.21	63	689620	46.52	ug/l	99
25) 2-Butanone	7.18	43	654055	215.03	ug/l	97
26) 2,2-Dichloropropane	7.17	77	391635	50.34	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	419544	48.24	ug/l	99
28) Bromochloromethane	7.51	49	301009	46.67	ug/l	97
29) Tetrahydrofuran	7.54	42	325212	206.81	ug/l	98
30) Chloroform	7.68	83	682417	46.87	ug/l	97
31) Cyclohexane	7.95	56	646623	45.59	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	544836	49.81	ug/l	99
36) 1,1-Dichloropropene	8.08	75	548347	50.67	ug/l	99
37) Ethyl Acetate	7.26	43	214708	42.36	ug/l	99
38) Carbon Tetrachloride	8.07	117	504328	51.79	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	700185	52.78	ug/l	99
40) Benzene	8.32	78	1590782	50.06	ug/l	99
41) Methacrylonitrile	7.49	41	131841	46.57	ug/l	96
42) 1,2-Dichloroethane	8.40	62	406666	46.25	ug/l	99
43) Isopropyl Acetate	8.43	43	390432	44.19	ug/l	98
44) Trichloroethene	9.09	130	397333	50.88	ug/l	100
45) 1,2-Dichloropropane	9.37	63	392544	49.32	ug/l	99
46) Dibromomethane	9.46	93	193111	47.66	ug/l	99
47) Bromodichloromethane	9.65	83	464277	48.55	ug/l	98
48) Methyl methacrylate	9.44	41	190438	46.12	ug/l	99
49) 1,4-Dioxane	9.47	88	60718	982.31	ug/l #	94
51) 4-Methyl-2-Pentanone	10.21	43	1384297	225.10	ug/l	99
52) Toluene	10.39	92	975586	52.06	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	471425	49.09	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	564876	50.48	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	277079	47.71	ug/l	100
56) Ethyl methacrylate	10.65	69	337787	48.58	ug/l	99
57) 1,3-Dichloropropane	10.93	76	479248	47.88	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	872786	236.87	ug/l	100
59) 2-Hexanone	10.98	43	967048	231.93	ug/l	99
60) Dibromochloromethane	11.13	129	310967	49.23	ug/l	100
61) 1,2-Dibromoethane	11.24	107	261799	47.99	ug/l	100
64) Tetrachloroethene	10.87	164	329562	49.74	ug/l	98
65) Chlorobenzene	11.66	112	1060039	50.64	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	358833	50.35	ug/l	100
67) Ethyl Benzene	11.74	91	1877708	52.92	ug/l	98
68) m/p-Xylenes	11.84	106	1472586	107.38	ug/l	98
69) o-Xylene	12.17	106	682860	53.69	ug/l	100
70) Styrene	12.19	104	1158756	53.93	ug/l	100
71) Bromoform	12.35	173	188932	48.23	ug/l #	100
73) Isopropylbenzene	12.47	105	1899267	54.46	ug/l	100
74) N-amyl acetate	12.28	43	385819	45.63	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	334403	45.94	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	222170m	42.59	ug/l	
77) Bromobenzene	12.75	156	438937	52.03	ug/l	96
78) n-propylbenzene	12.81	91	2319012	53.89	ug/l	100
79) 2-Chlorotoluene	12.90	91	1306904	52.48	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	1614608	54.28	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	102912	47.22	ug/l	99
82) 4-Chlorotoluene	12.99	91	1379266	52.19	ug/l	99
83) tert-Butylbenzene	13.21	119	1377638	55.21	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	1665757	54.09	ug/l	100
85) sec-Butylbenzene	13.39	105	2044053	54.30	ug/l	100
86) p-Isopropyltoluene	13.51	119	1802410	55.26	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	893317	51.39	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	880682	50.89	ug/l	99
89) n-Butylbenzene	13.83	91	1747635	54.53	ug/l	99
90) Hexachloroethane	14.10	117	313374	51.93	ug/l	96
91) 1,2-Dichlorobenzene	13.88	146	798219	50.61	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	52248	43.92	ug/l	98

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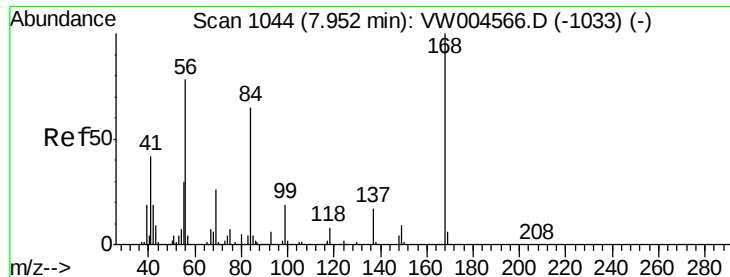
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	567299	51.95	ug/l	100
94) Hexachlorobutadiene	15.25	225	345702	54.37	ug/l	99
95) Naphthalene	15.38	128	1003597	44.85	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	501346	51.09	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: VW004701.D

Acq: 15 Aug 2018 17:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 684017

Ion Ratio Lower Upper

168 100

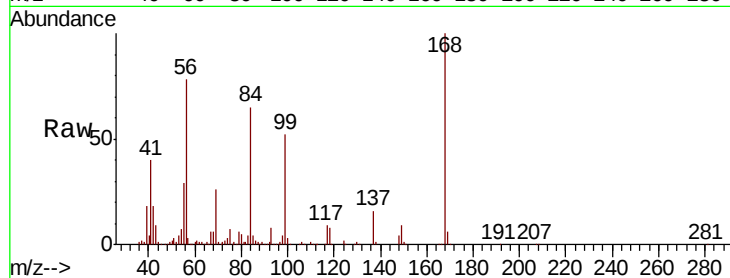
99 52.2 44.1 66.1

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

300000

200000

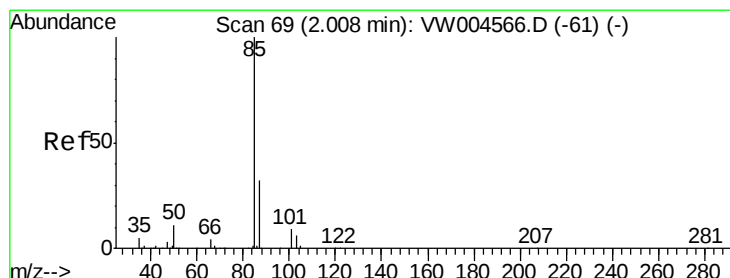
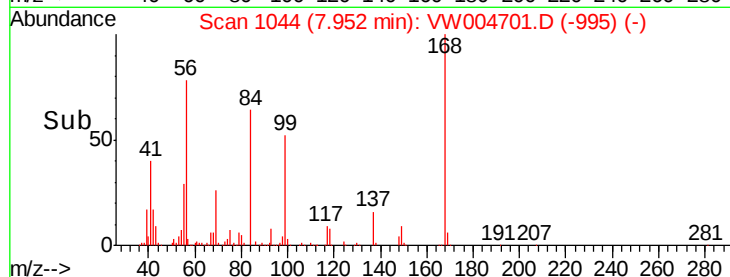
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0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 40.35 ug/l m

RT: 2.01 min Scan# 69

Delta R.T. 0.00 min

Lab File: VW004701.D

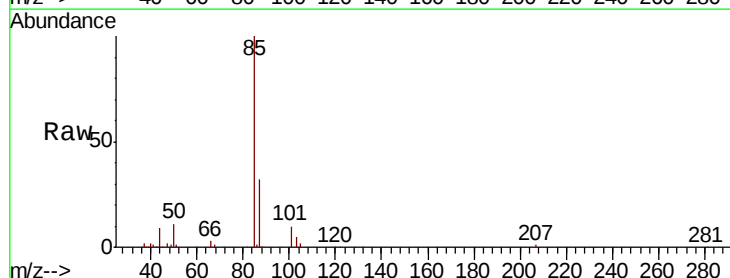
Acq: 15 Aug 2018 17:17

Tgt Ion: 85 Resp: 189408

Ion Ratio Lower Upper

85 100

87 31.7 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

60000

50000

40000

30000

20000

10000

0

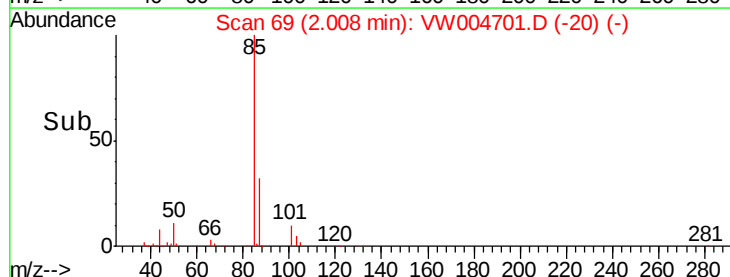
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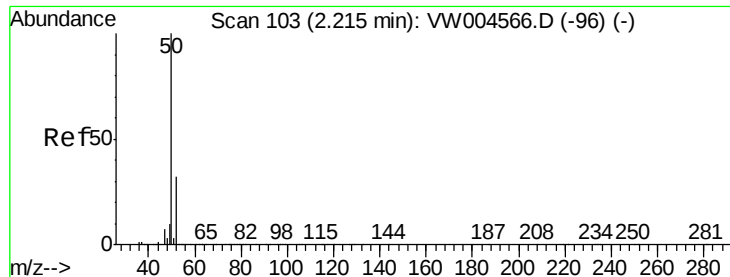
2.00

2.20

2.40

Time-->





#3

Chloromethane

Concen: 40.86 ug/l

RT: 2.22 min Scan# 103

Delta R.T. 0.00 min

Lab File: VW004701.D

Acq: 15 Aug 2018 17:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 267226

Ion Ratio Lower Upper

50 100

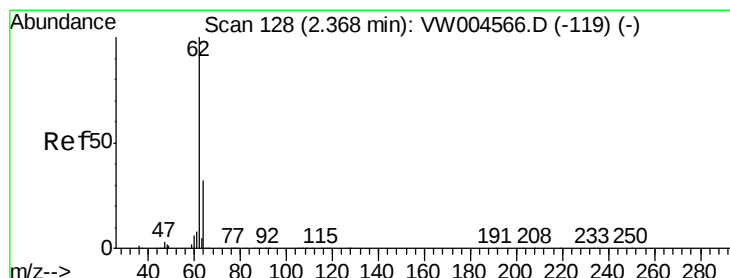
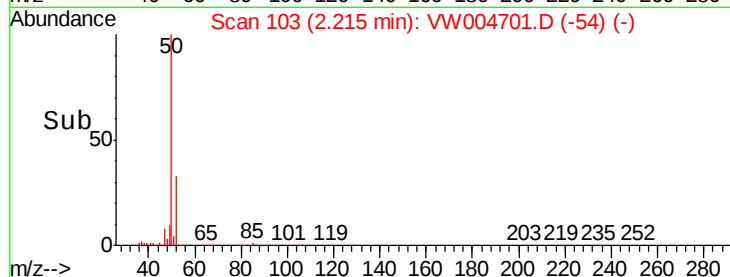
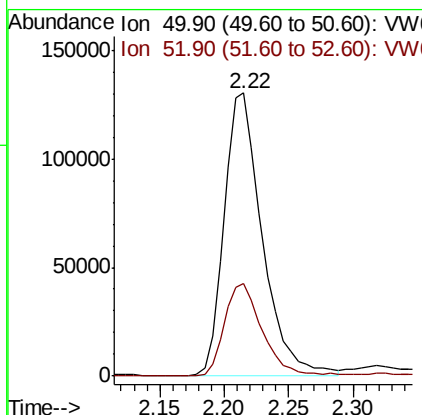
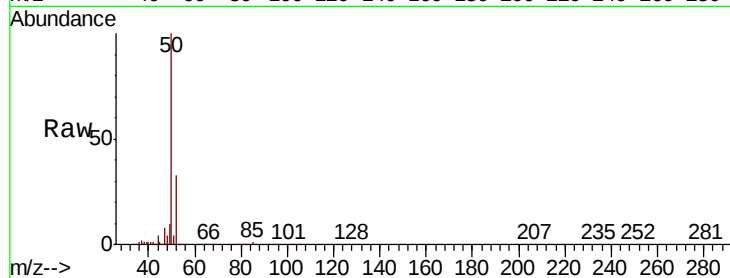
52 32.7 25.8 38.8

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#4

Vinyl Chloride

Concen: 44.75 ug/l

RT: 2.37 min Scan# 128

Delta R.T. 0.00 min

Lab File: VW004701.D

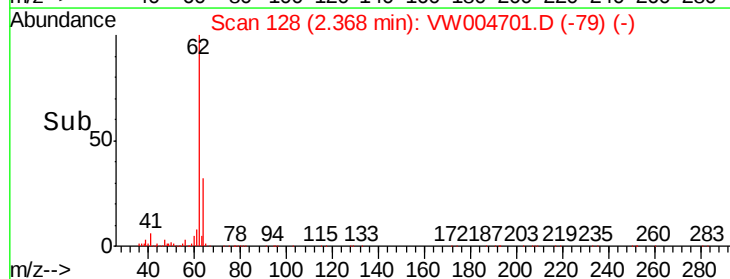
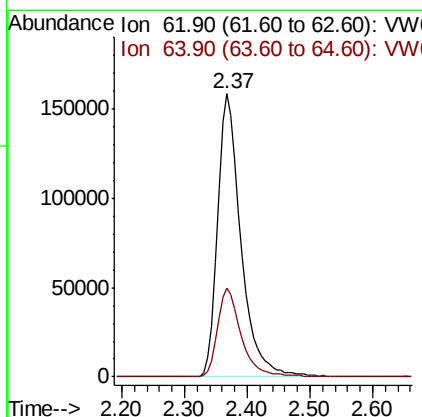
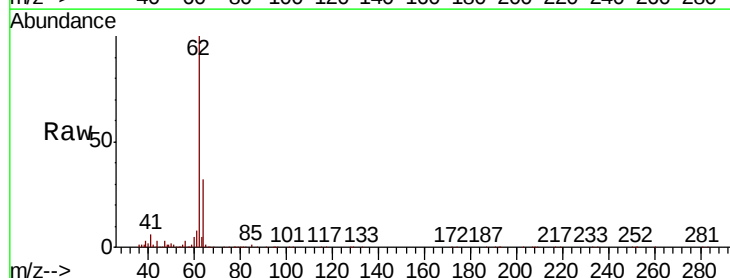
Acq: 15 Aug 2018 17:17

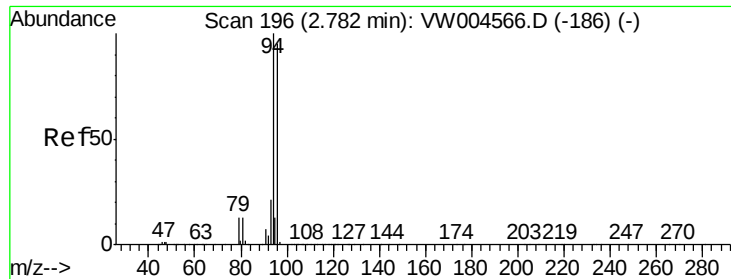
Tgt Ion: 62 Resp: 408806

Ion Ratio Lower Upper

62 100

64 31.5 26.2 39.2





#5

Bromomethane

Concen: 47.10 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VW004701.D

Acq: 15 Aug 2018 17:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 250516

Ion Ratio Lower Upper

94 100

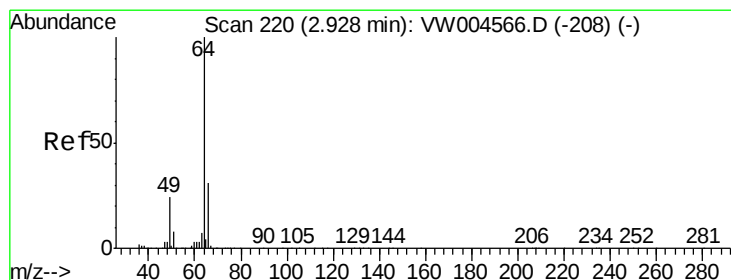
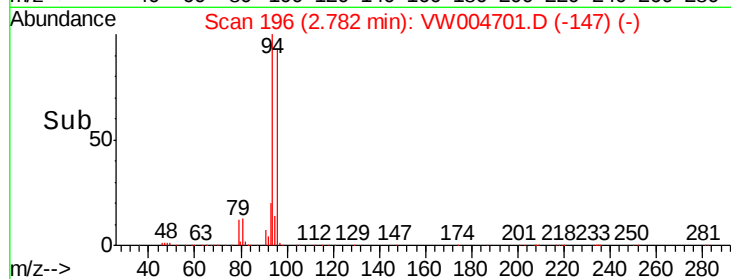
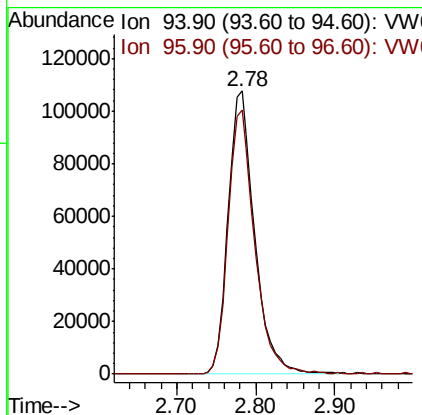
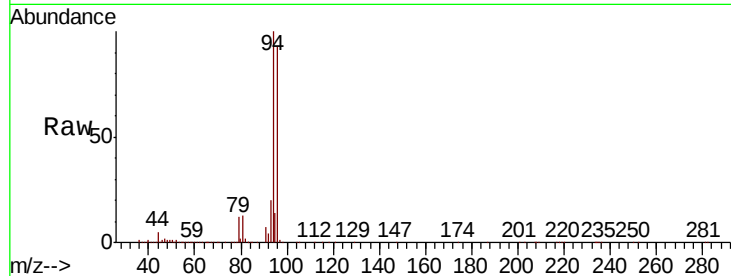
96 93.2 72.9 109.3

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#6

Chloroethane

Concen: 46.58 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW004701.D

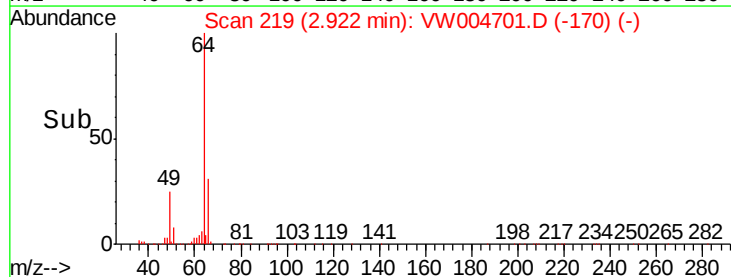
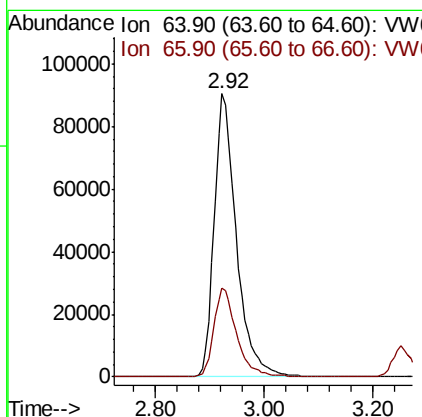
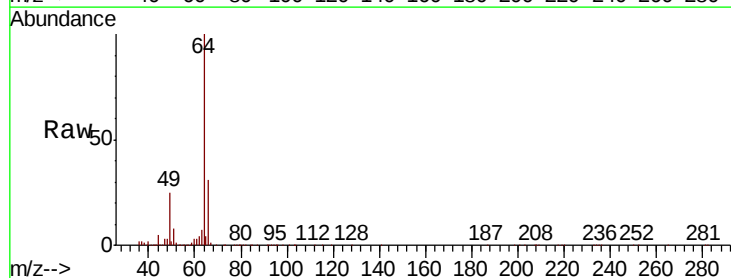
Acq: 15 Aug 2018 17:17

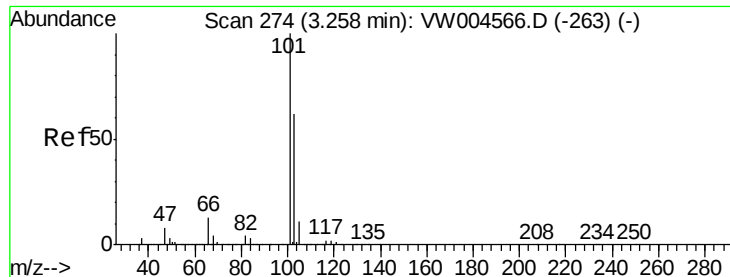
Tgt Ion: 64 Resp: 254267

Ion Ratio Lower Upper

64 100

66 31.3 24.6 36.8





#7

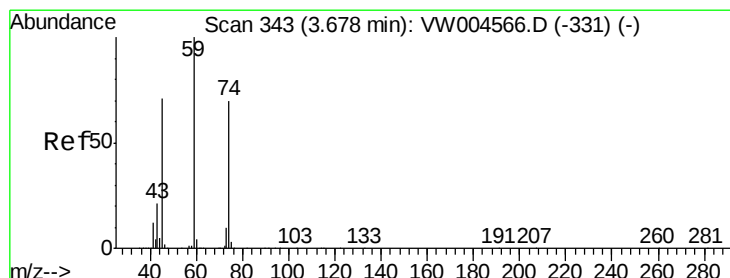
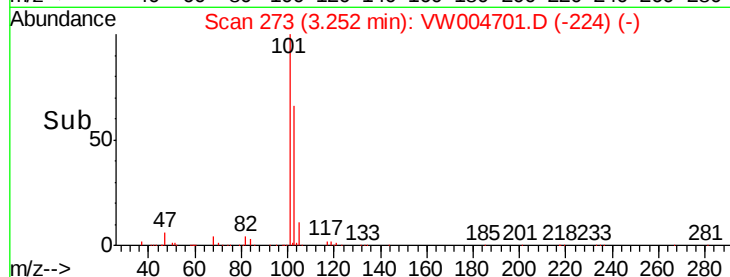
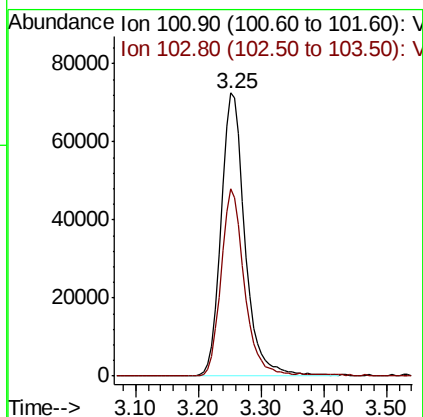
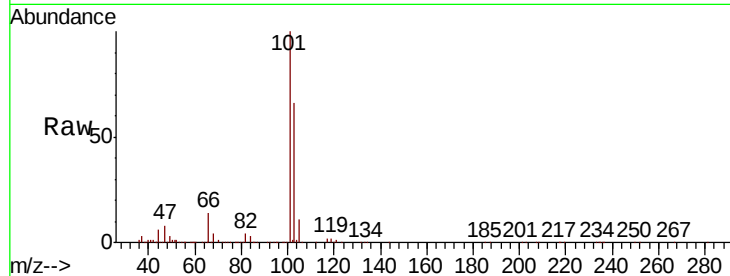
Trichlorofluoromethane
Concen: 56.85 ug/l
RT: 3.25 min Scan# 273
Delta R.T. 0.00 min
Lab File: VW004701.D
Acq: 15 Aug 2018 17:17

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VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		191832		
103	66.1	49.8	74.8		

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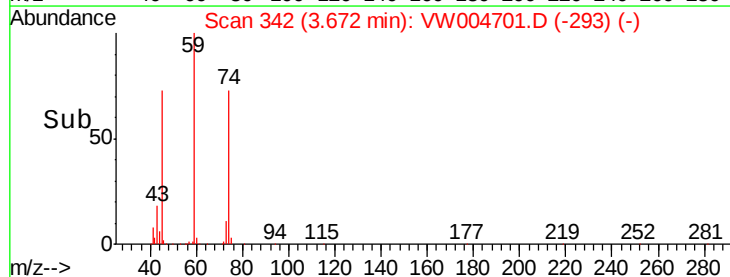
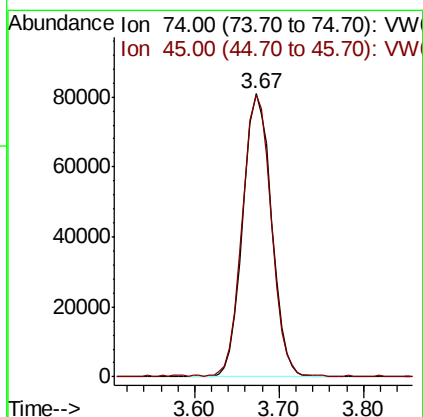
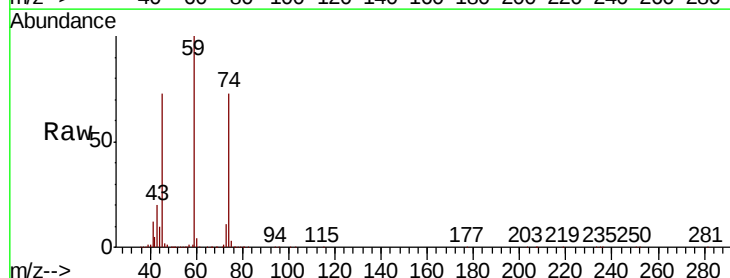
apatel
8/16/2018 10:01:24 AM

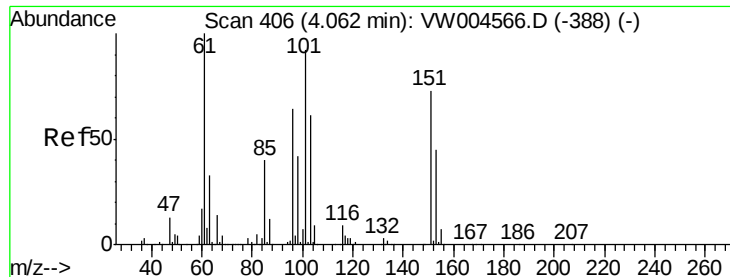


#8

Diethyl Ether
Concen: 43.70 ug/l
RT: 3.67 min Scan# 342
Delta R.T. 0.00 min
Lab File: VW004701.D
Acq: 15 Aug 2018 17:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		186540		
45	99.6	51.2	153.8		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.91 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW004701.D

Acq: 15 Aug 2018 17:17

Instrument :

MSVOA_W

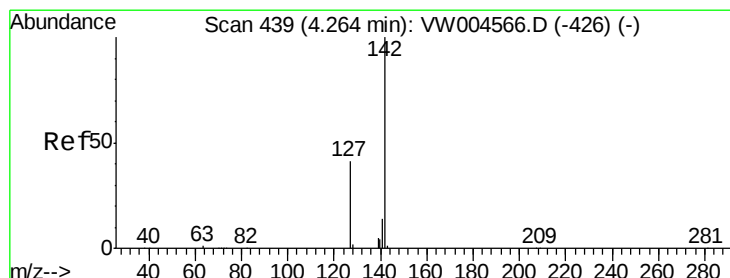
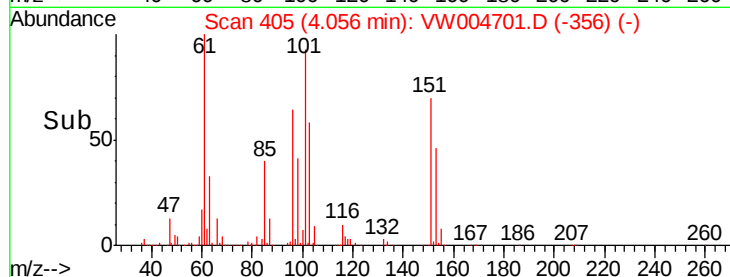
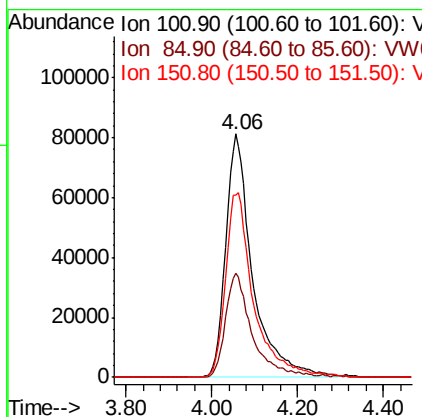
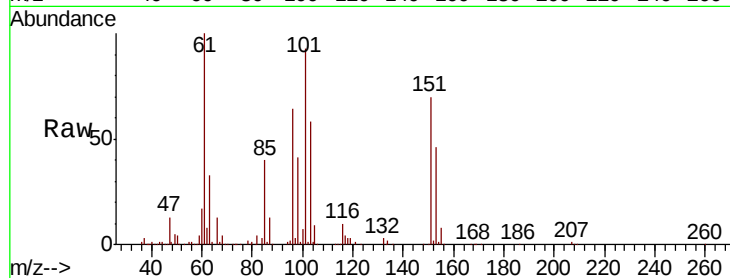
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	357032
Ion Ratio	Lower	Upper	
101	100		
85	42.4	34.6	51.8
151	79.4	61.3	91.9

Manual Integrations
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#10

Methyl Iodide

Concen: 46.79 ug/l

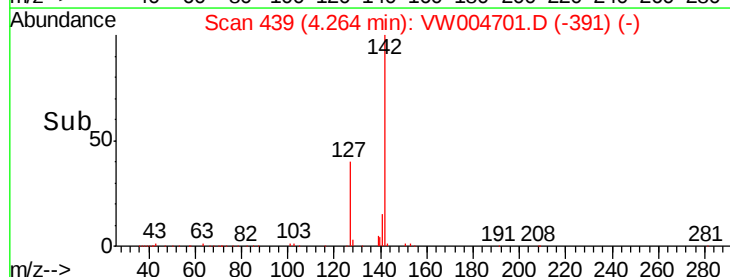
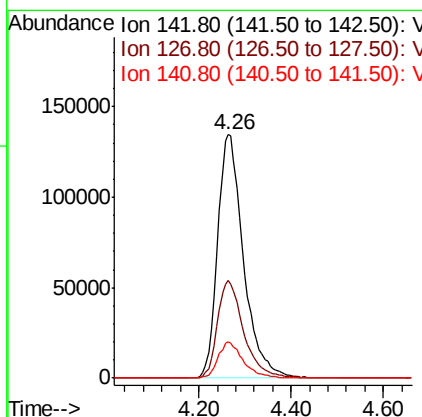
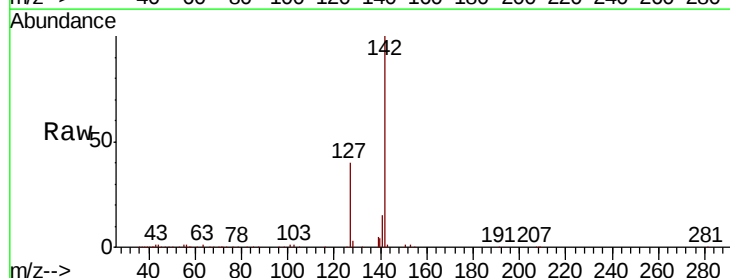
RT: 4.26 min Scan# 439

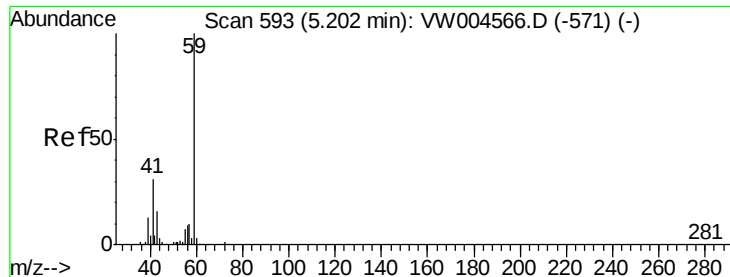
Delta R.T. -0.01 min

Lab File: VW004701.D

Acq: 15 Aug 2018 17:17

Tgt Ion:	142	Resp:	523139
Ion Ratio	Lower	Upper	
142	100		
127	40.7	32.7	49.1
141	14.5	11.5	17.3





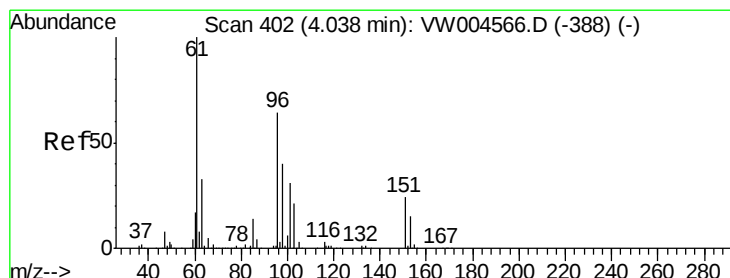
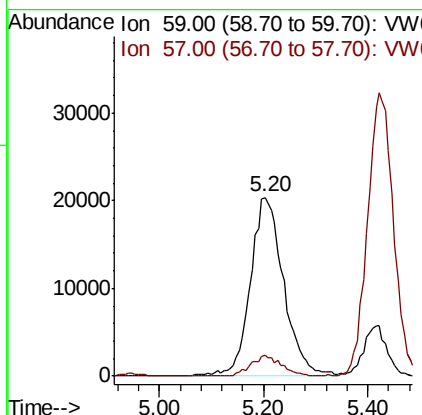
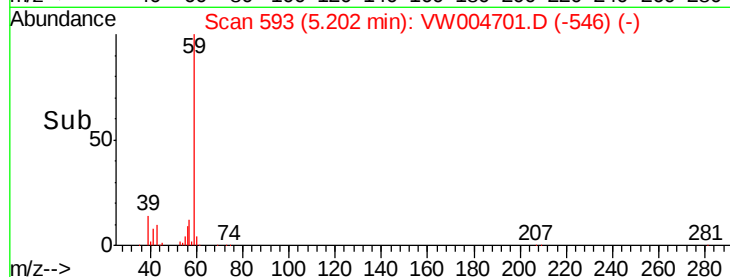
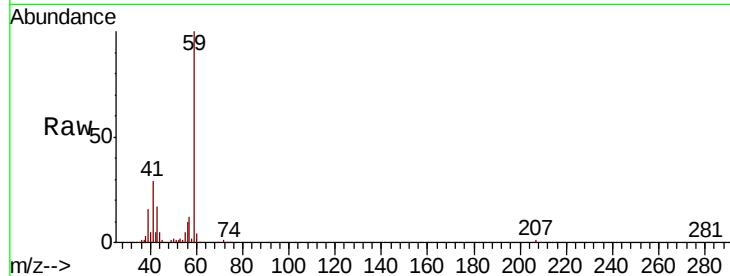
#11
Tert butyl alcohol
Concen: 203.37 ug/l
RT: 5.20 min Scan# 593
Delta R.T. -0.01 min
Lab File: VW004701.D
Acq: 15 Aug 2018 17:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	59	57	Ratio	Lower	Upper
59	100				
57	10.7		9.1	13.7	

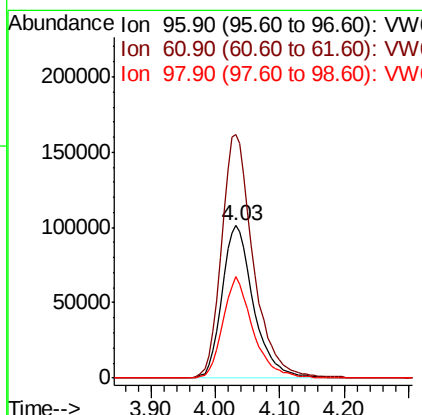
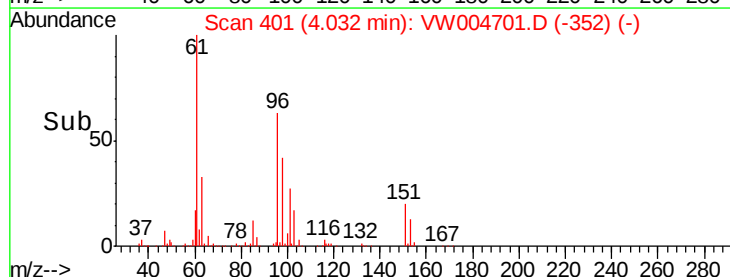
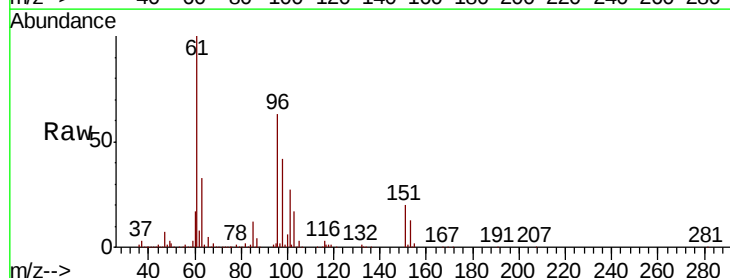
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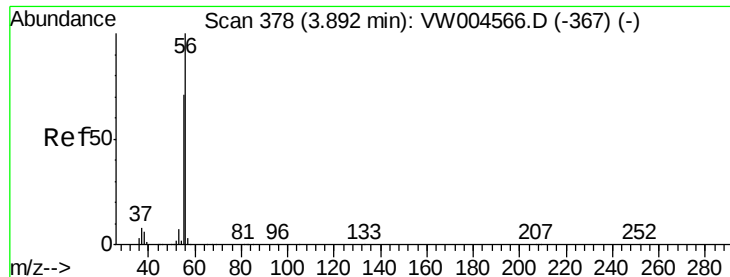
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#12
1,1-Dichloroethene
Concen: 46.08 ug/l
RT: 4.03 min Scan# 401
Delta R.T. 0.00 min
Lab File: VW004701.D
Acq: 15 Aug 2018 17:17

Tgt Ion	96	61	98	Ratio	Lower	Upper
96	100					
61	159.7			130.6	195.8	
98	66.5			49.6	74.4	





#13

Acrolein

Concen: 242.19 ug/l

RT: 3.89 min Scan# 378

Delta R.T. 0.00 min

Lab File: VW004701.D

Acq: 15 Aug 2018 17:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 131558

Ion Ratio Lower Upper

56 100

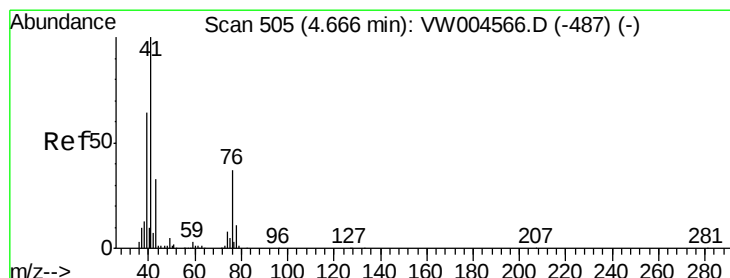
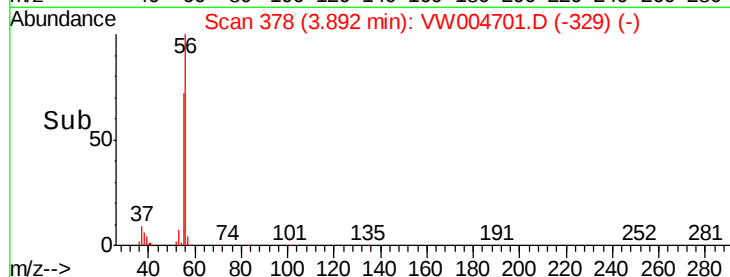
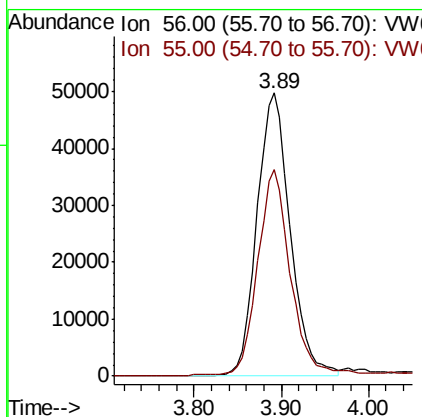
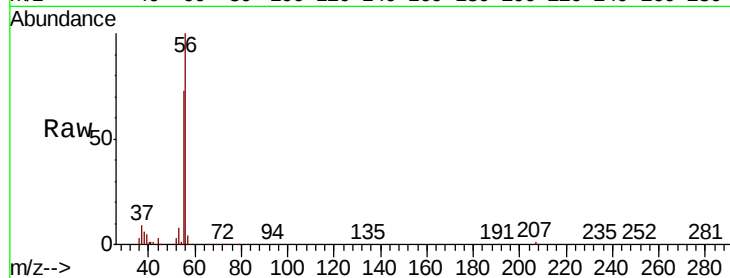
55 72.9 56.7 85.1

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#14

Allyl chloride

Concen: 49.43 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.00 min

Lab File: VW004701.D

Acq: 15 Aug 2018 17:17

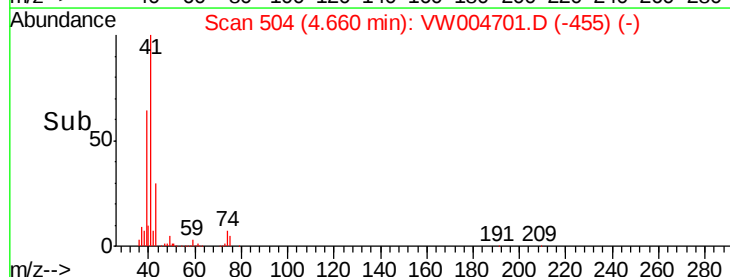
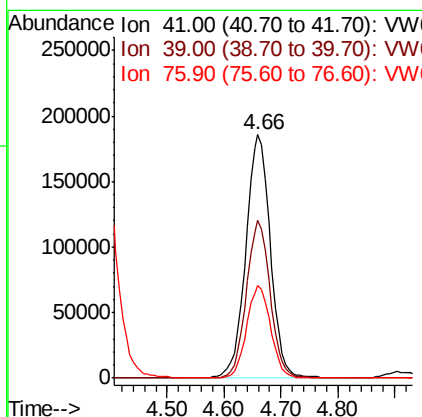
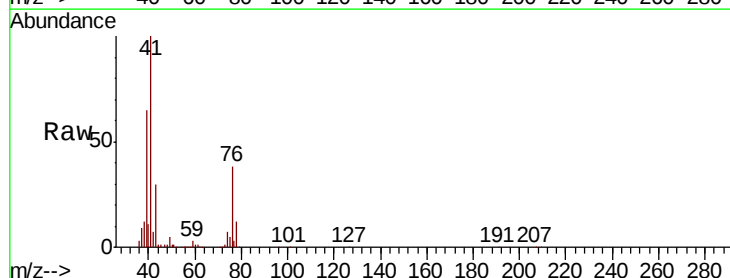
Tgt Ion: 41 Resp: 557038

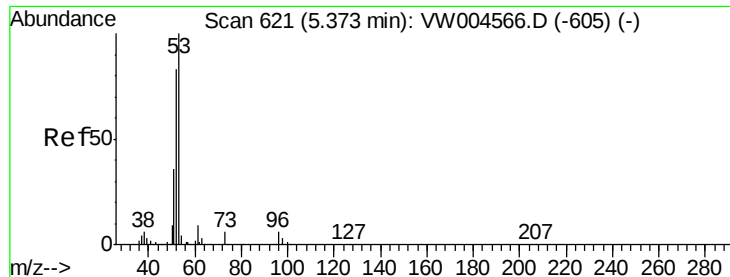
Ion Ratio Lower Upper

41 100

39 62.6 51.9 77.9

76 36.7 29.0 43.6





#15

Acrylonitrile

Concen: 216.49 ug/l

RT: 5.37 min Scan# 620

Delta R.T. -0.01 min

Lab File: VW004701.D

Acq: 15 Aug 2018 17:17

Instrument :

MSVOA_W

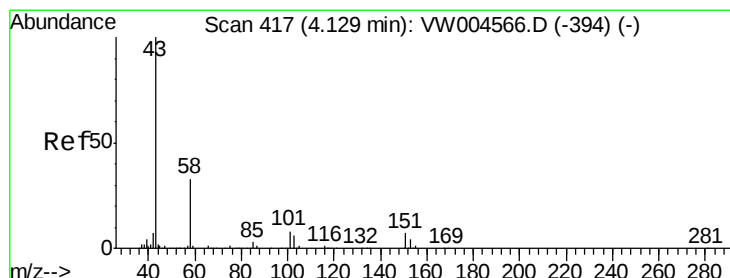
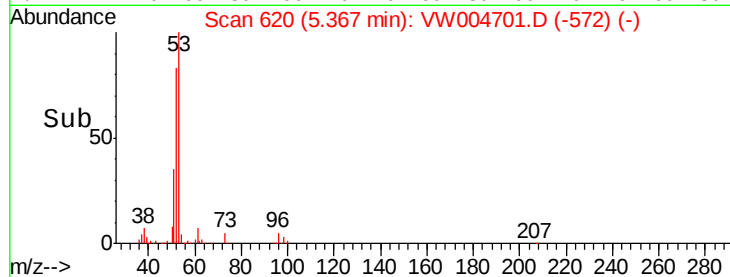
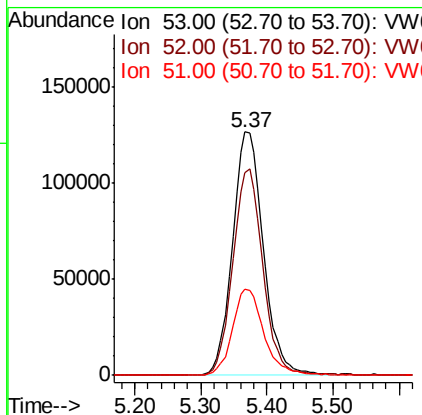
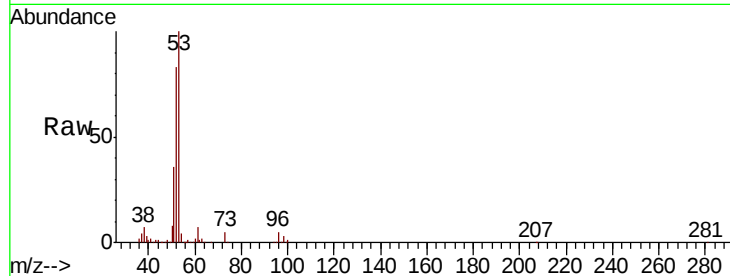
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	410638
Ion Ratio	Lower	Upper	
53	100		
52	82.0	66.5	99.7
51	36.1	28.4	42.6

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#16

Acetone

Concen: 241.68 ug/l

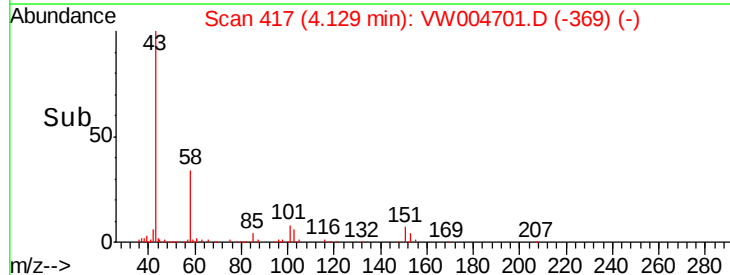
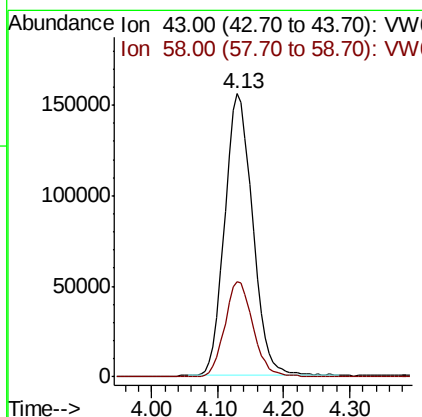
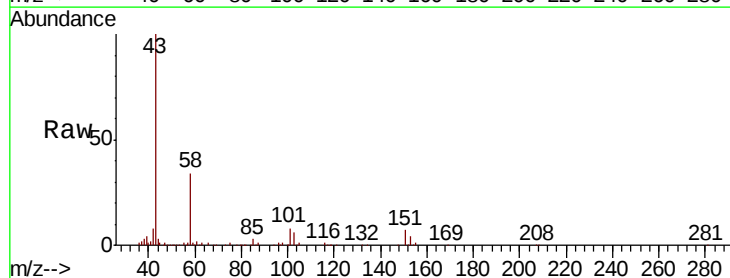
RT: 4.13 min Scan# 417

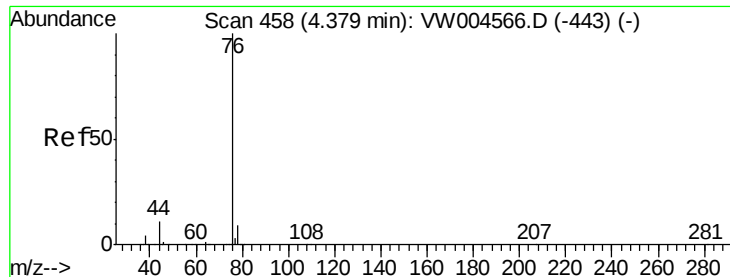
Delta R.T. -0.01 min

Lab File: VW004701.D

Acq: 15 Aug 2018 17:17

Tgt Ion:	43	Resp:	456998
Ion Ratio	Lower	Upper	
43	100		
58	33.7	26.8	40.2





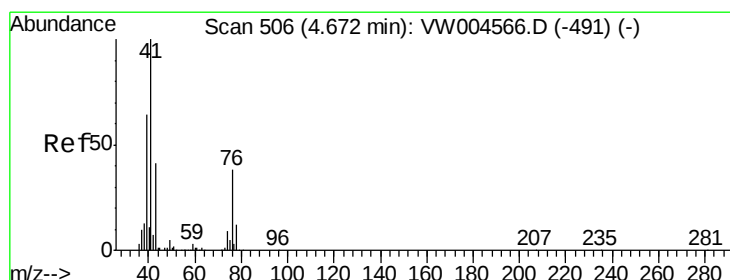
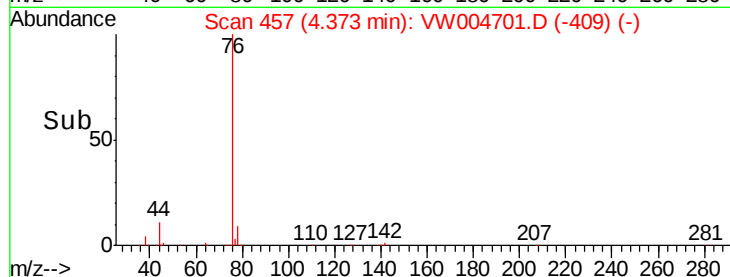
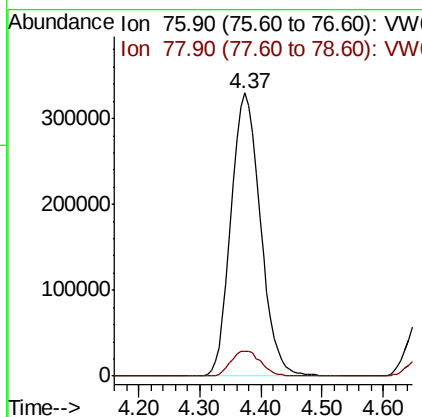
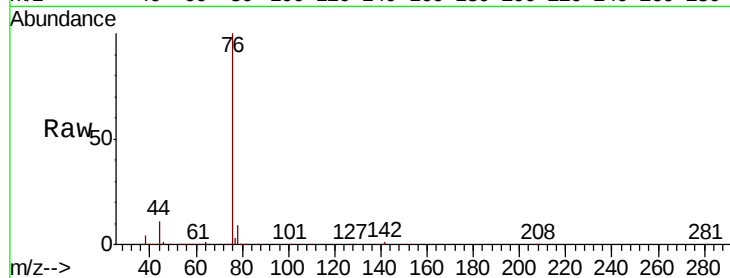
#17
Carbon Disulfide
Concen: 45.47 ug/l
RT: 4.37 min Scan# 457
Delta R.T. -0.01 min
Lab File: VW004701.D
Acq: 15 Aug 2018 17:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.0	10.4

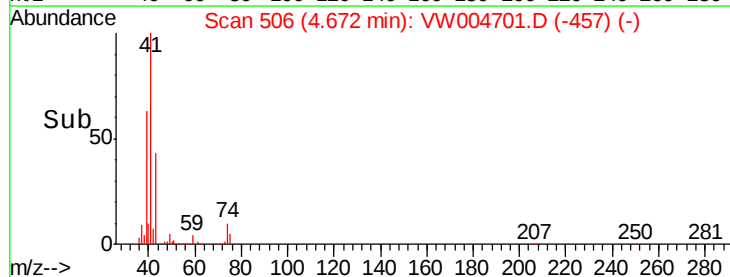
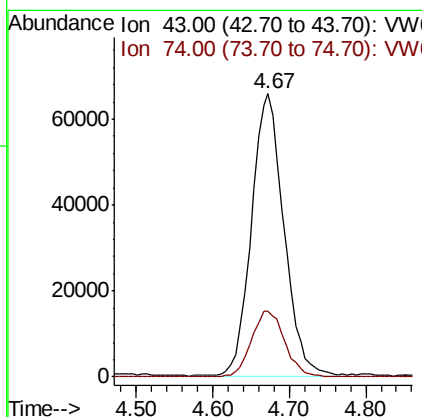
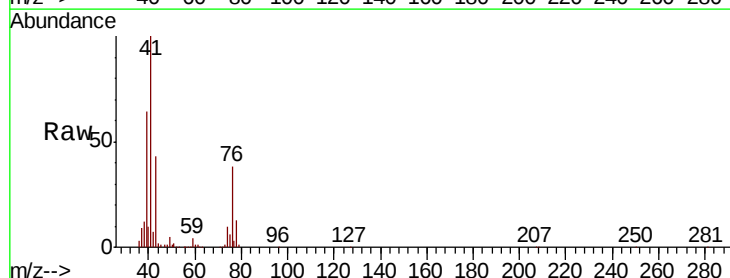
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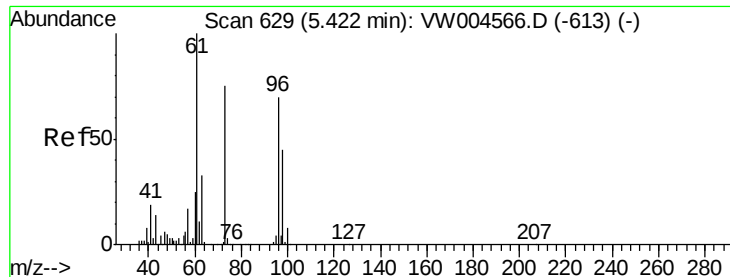
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#18
Methyl Acetate
Concen: 41.06 ug/l
RT: 4.67 min Scan# 506
Delta R.T. 0.00 min
Lab File: VW004701.D
Acq: 15 Aug 2018 17:17

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.1	19.1	28.7





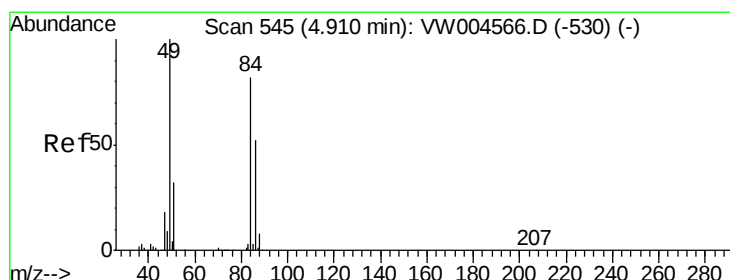
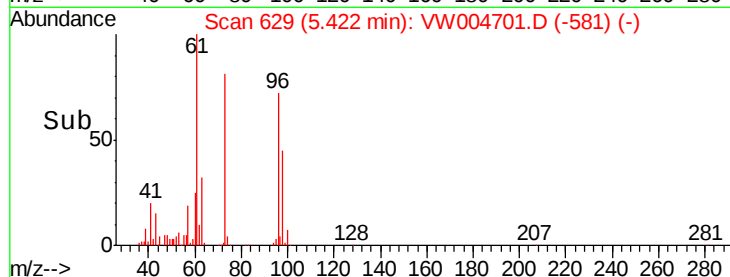
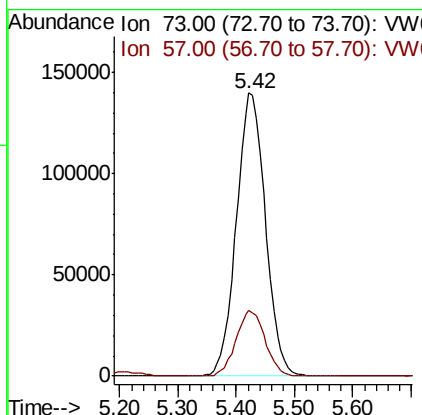
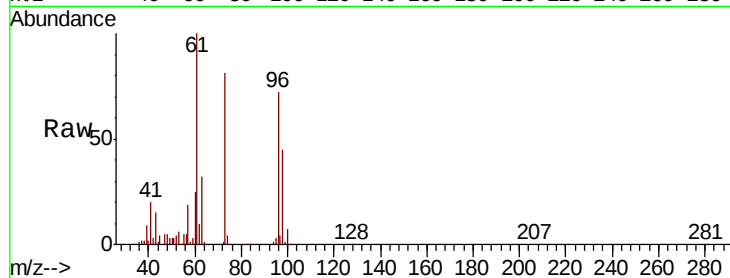
#19
Methvl tert-butvl Ether
Concen: 47.28 ug/l
RT: 5.42 min Scan# 629
Delta R.T. -0.01 min
Lab File: VW004701.D
Acq: 15 Aug 2018 17:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.1	19.6	29.4

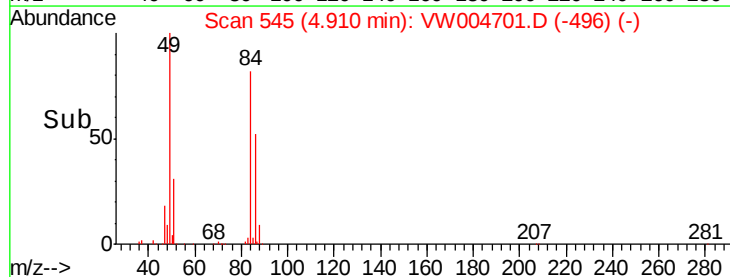
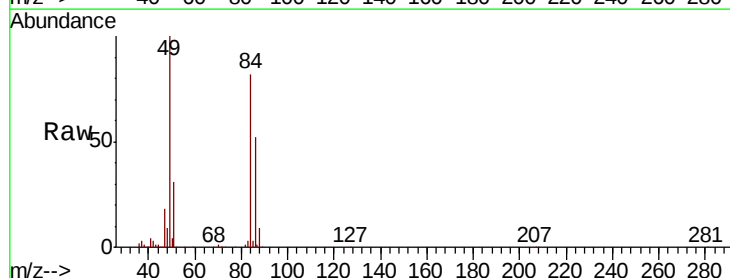
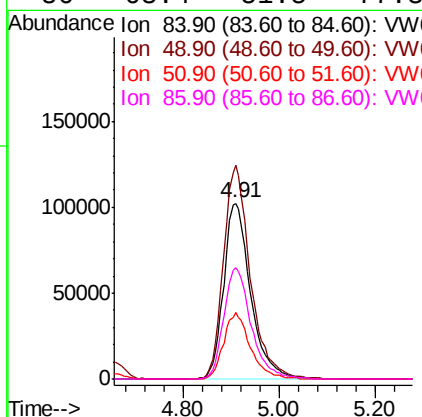
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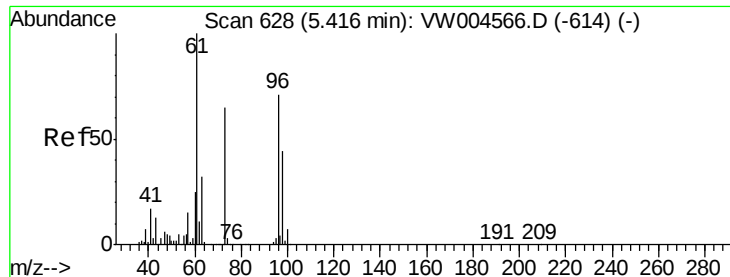
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#20
Methylene Chloride
Concen: 41.76 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW004701.D
Acq: 15 Aug 2018 17:17

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.8	99.6	149.4
51	38.2	31.0	46.4
86	63.4	51.5	77.3





#21

trans-1,2-Dichloroethene

Concen: 48.21 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW004701.D

Acq: 15 Aug 2018 17:17

Instrument :

MSVOA_W

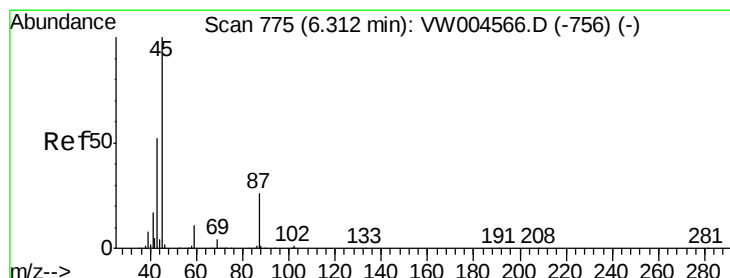
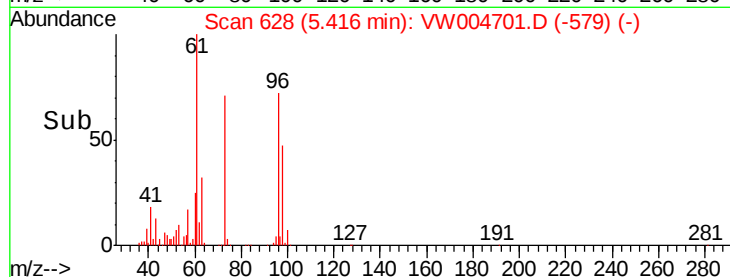
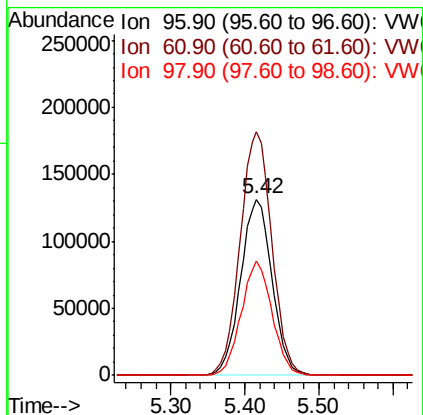
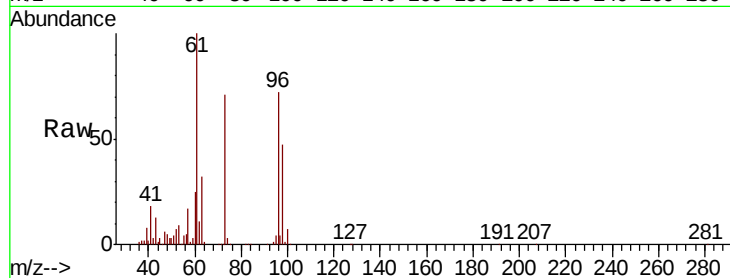
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	389697
Ion	Ratio	Lower	Upper
96	100		
61	138.4	114.1	171.1
98	65.0	51.4	77.2

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#22

Diisopropyl ether

Concen: 48.19 ug/l

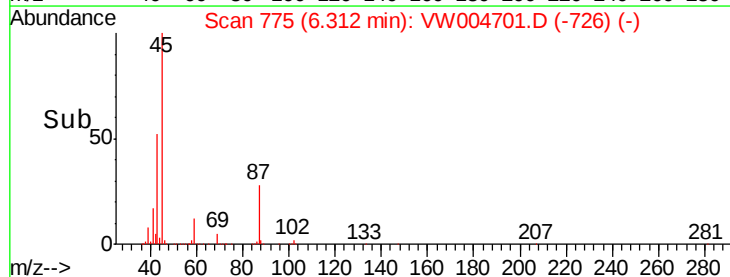
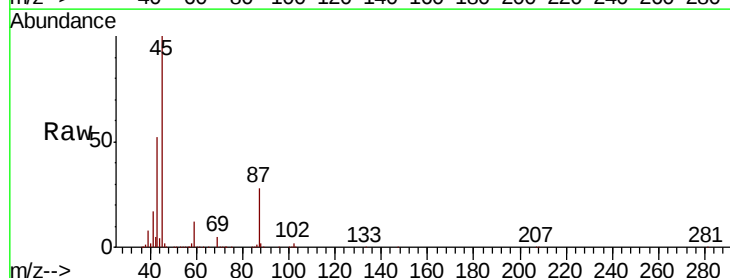
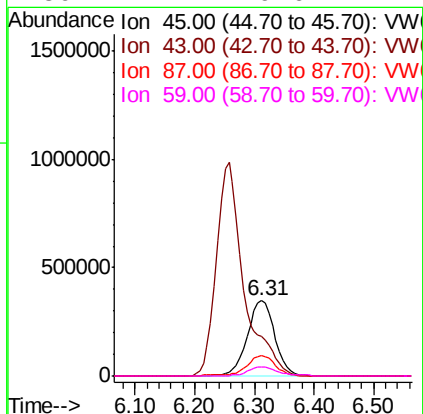
RT: 6.31 min Scan# 775

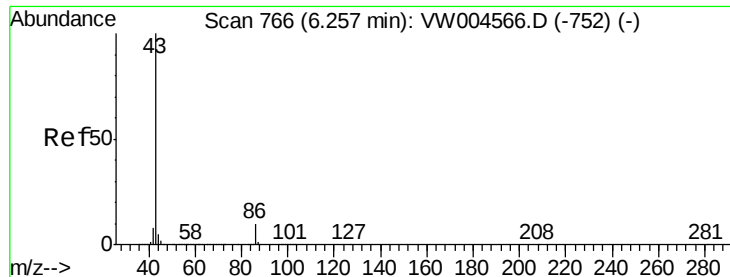
Delta R.T. 0.00 min

Lab File: VW004701.D

Acq: 15 Aug 2018 17:17

Tgt Ion:	45	Resp:	1116038
Ion	Ratio	Lower	Upper
45	100		
43	51.8	42.4	63.6
87	27.7	21.6	32.4
59	11.7	9.6	14.4





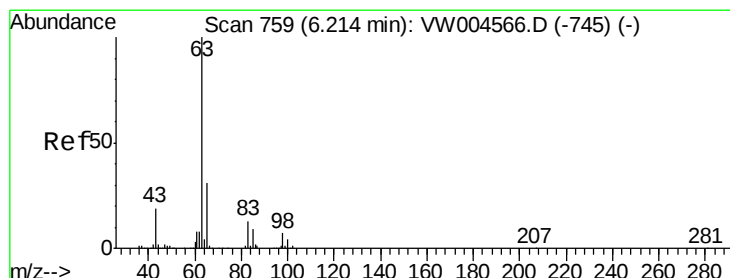
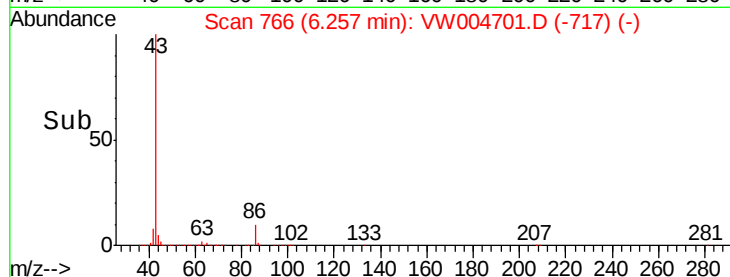
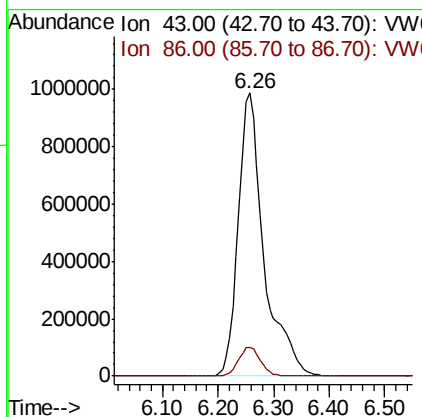
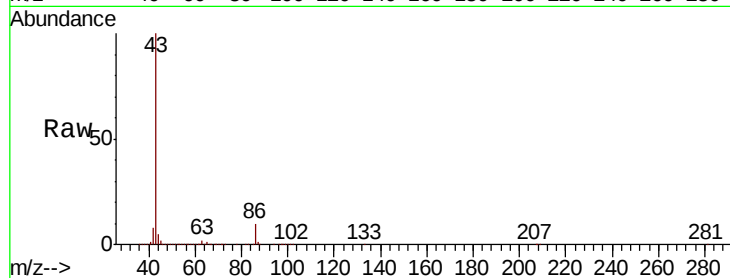
#23
 Vinyl Acetate
 Concen: 227.32 ug/l
 RT: 6.26 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: VW004701.D
 Acq: 15 Aug 2018 17:17

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDCCC050

Tot Ion: 43 Resp: 3164048
 Ion Ratio Lower Upper
 43 100
 86 10.2 7.9 11.9

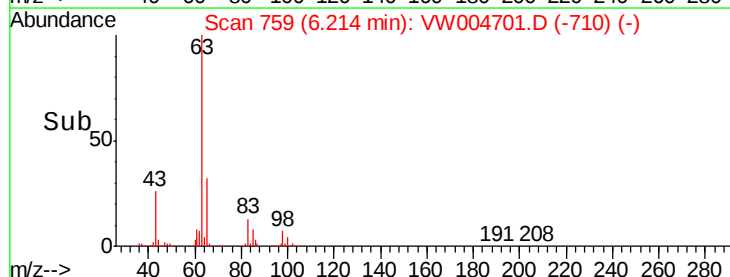
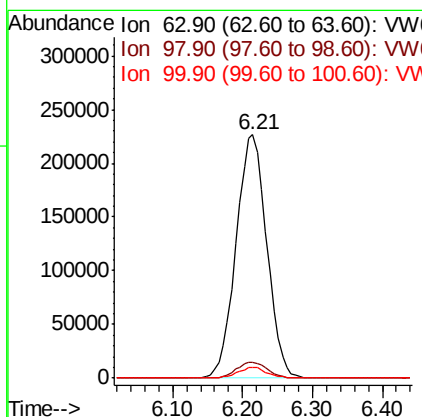
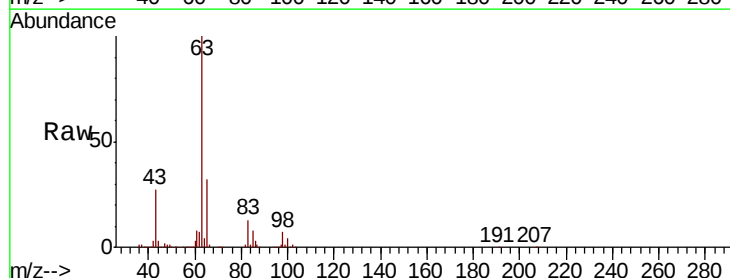
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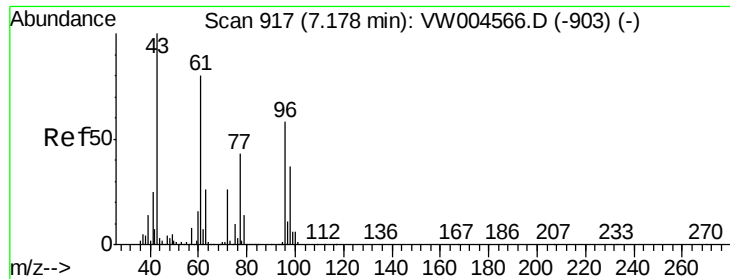
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#24
 1,1-Dichloroethane
 Concen: 46.52 ug/l
 RT: 6.21 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: VW004701.D
 Acq: 15 Aug 2018 17:17

Tgt Ion: 63 Resp: 689620
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.1 9.3
 100 4.4 2.1 6.5





#25

2-Butanone

Concen: 215.03 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.01 min

Lab File: VW004701.D

Acq: 15 Aug 2018 17:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 654055

Ion Ratio Lower Upper

43 100

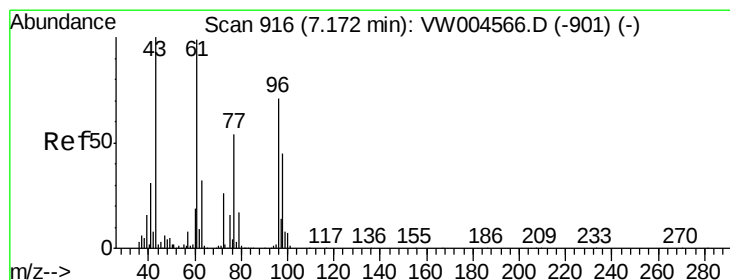
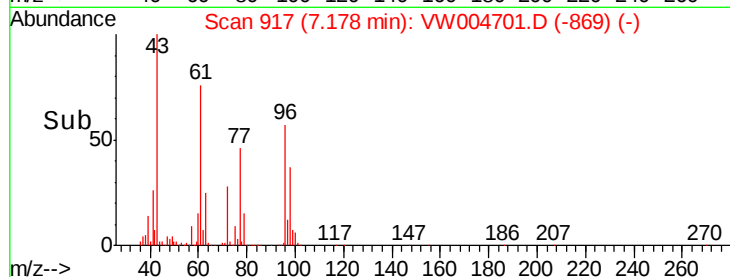
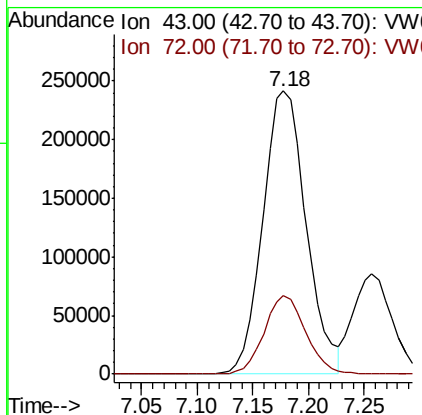
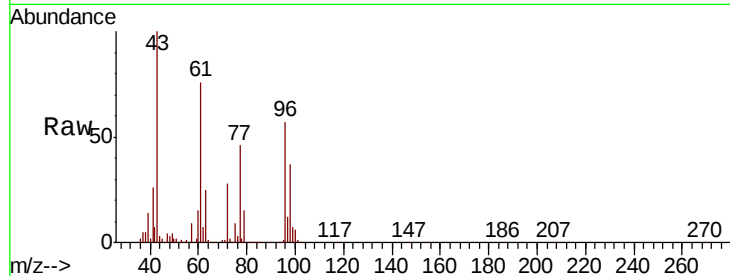
72 27.9 21.0 31.6

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#26

2,2-Dichloropropane

Concen: 50.34 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW004701.D

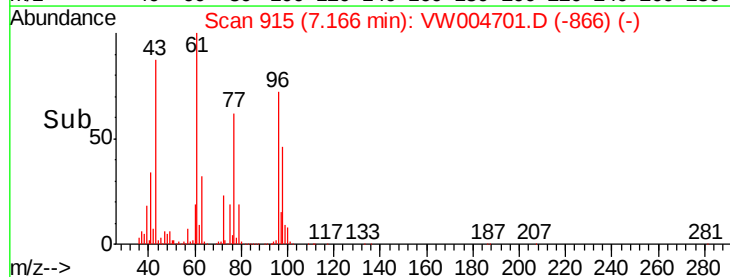
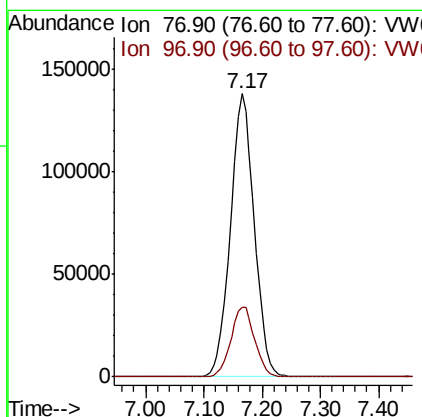
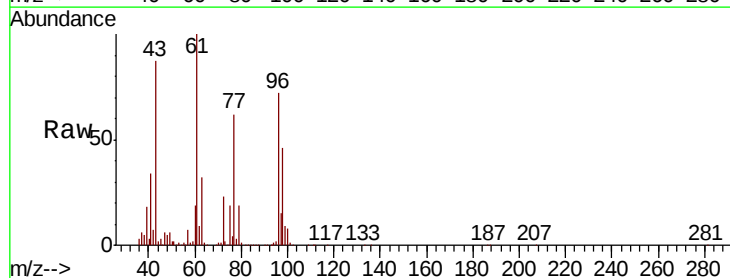
Acq: 15 Aug 2018 17:17

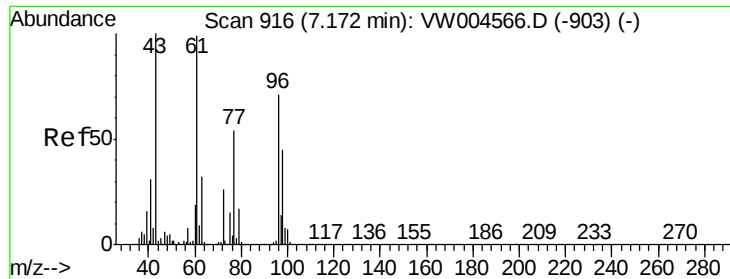
Tgt Ion: 77 Resp: 391635

Ion Ratio Lower Upper

77 100

97 24.7 12.5 37.5





#27

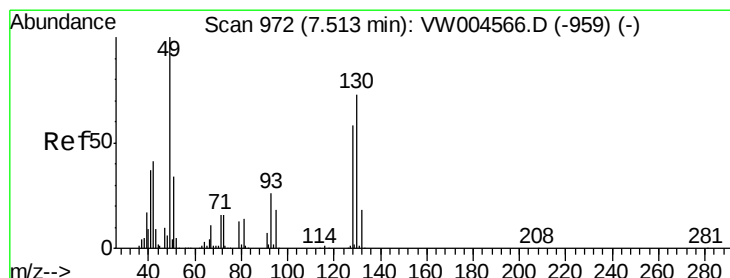
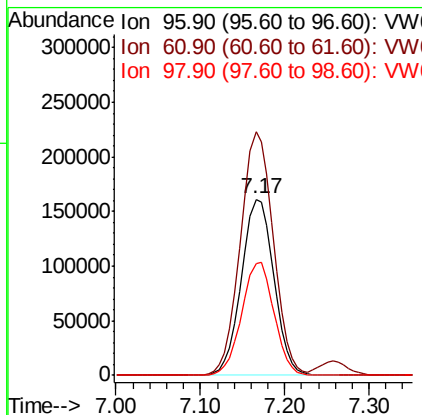
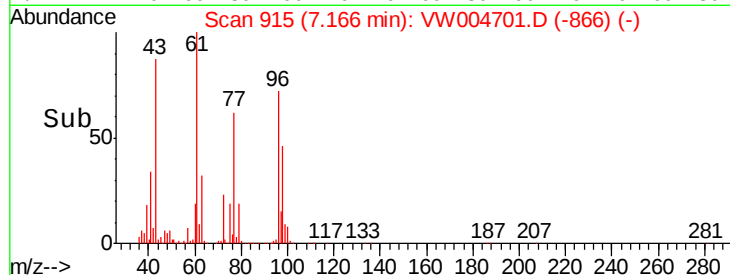
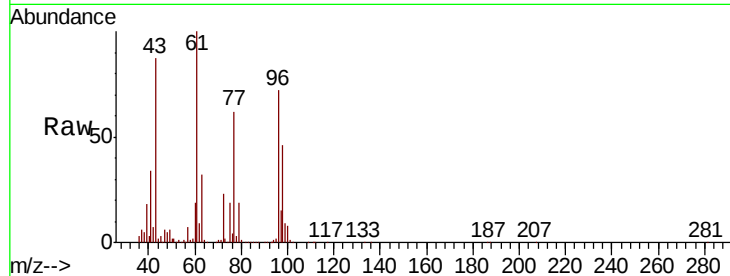
cis-1,2-Dichloroethene
Concen: 48.24 ug/l
RT: 7.17 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW004701.D
Acq: 15 Aug 2018 17:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	419544		
61	140.7		0.0	285.0
98	64.1		0.0	128.6

Manual Integrations
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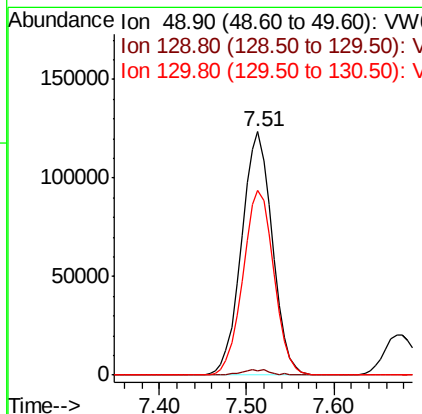
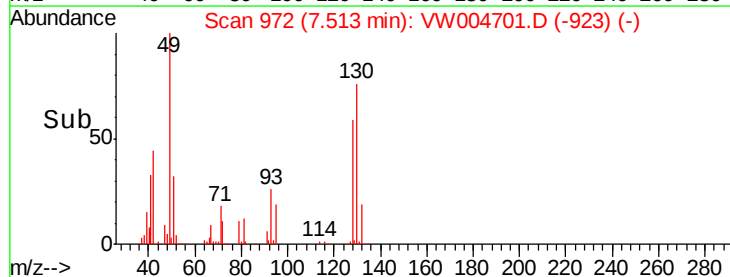
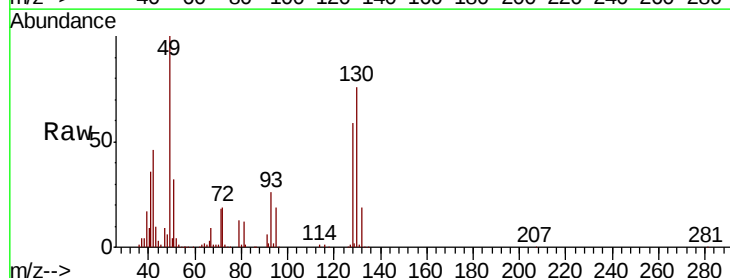
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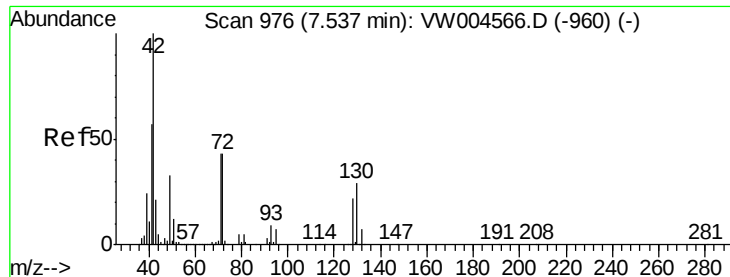


#28

Bromochloromethane
Concen: 46.67 ug/l
RT: 7.51 min Scan# 972
Delta R.T. 0.00 min
Lab File: VW004701.D
Acq: 15 Aug 2018 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	301009		
129	2.1		0.0	4.0
130	76.4		58.8	88.2





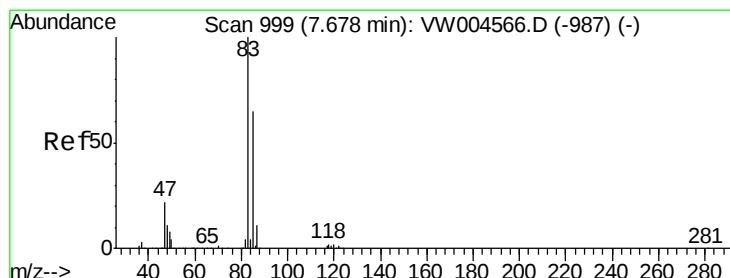
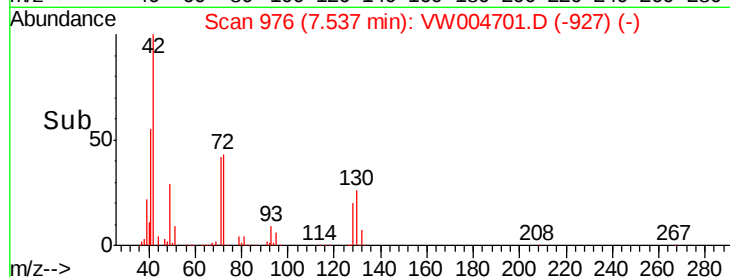
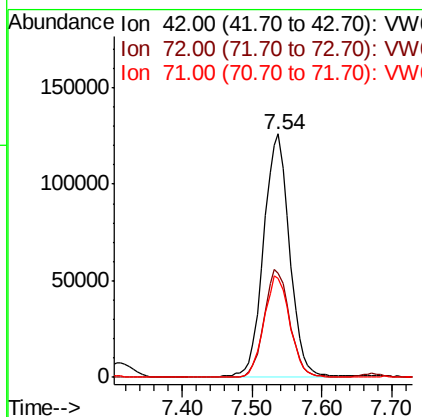
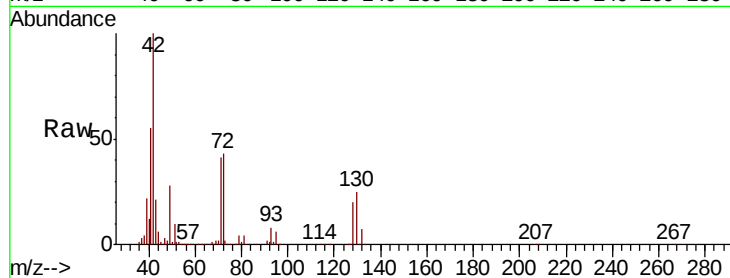
#29
Tetrahydrofuran
Concen: 206.81 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.00 min
Lab File: VW004701.D
Acq: 15 Aug 2018 17:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.8	34.1	51.1
71	41.6	32.5	48.7

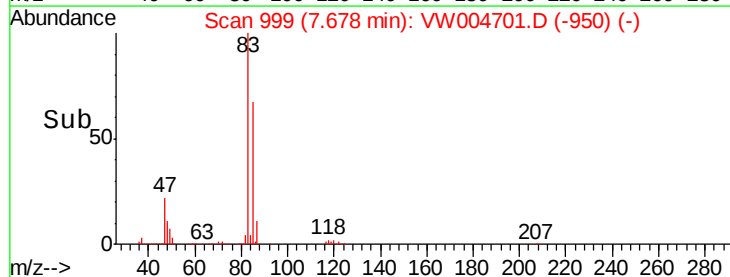
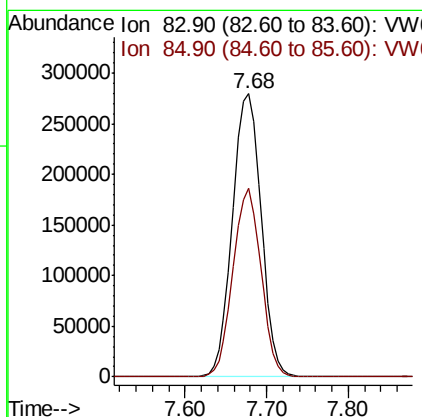
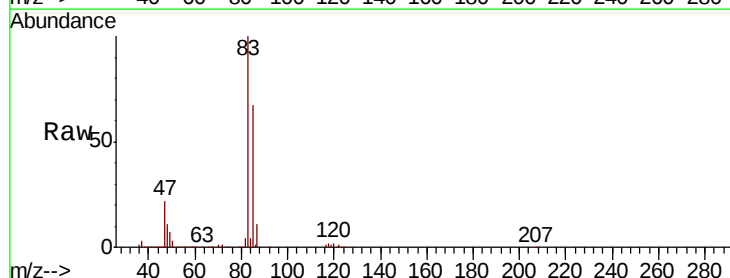
Manual Integrations
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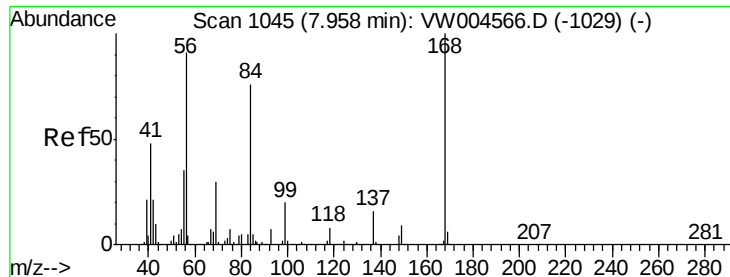
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#30
Chloroform
Concen: 46.87 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW004701.D
Acq: 15 Aug 2018 17:17

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.6	51.3	76.9





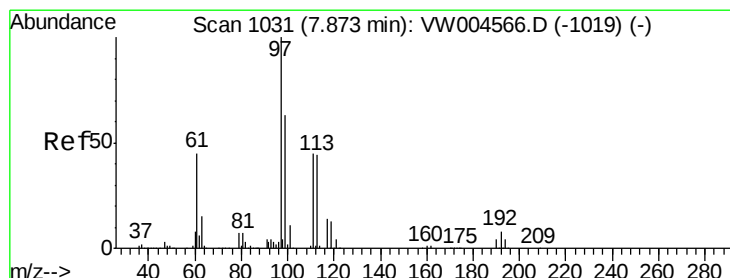
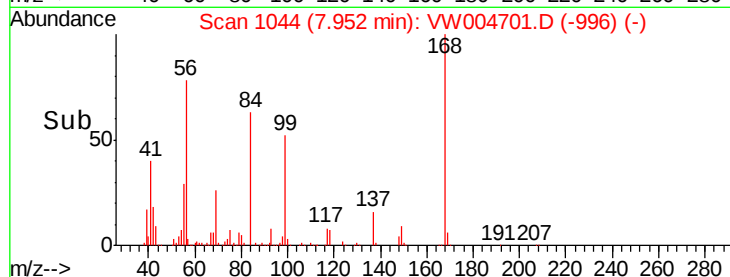
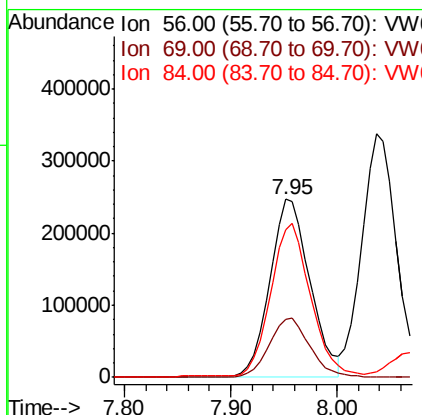
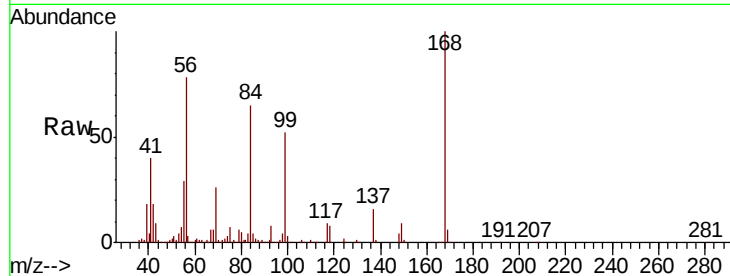
#31
Cyclohexane
Concen: 45.59 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VW004701.D
Acq: 15 Aug 2018 17:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.6	26.4	39.6
84	81.9	66.9	100.3

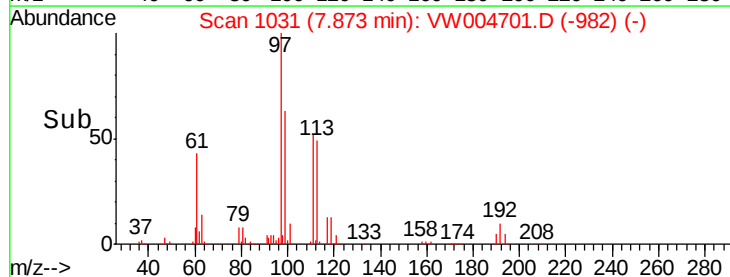
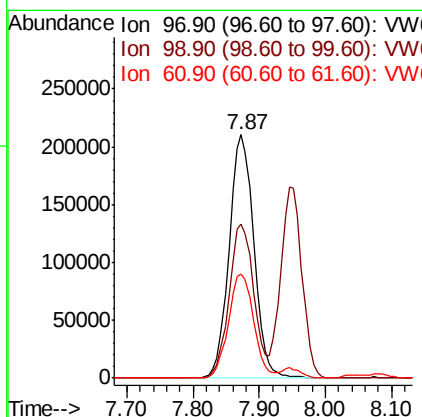
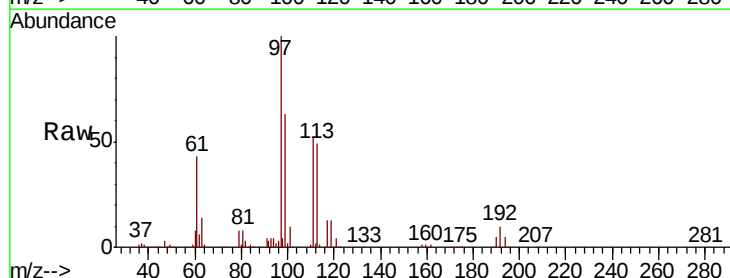
Manual Integrations
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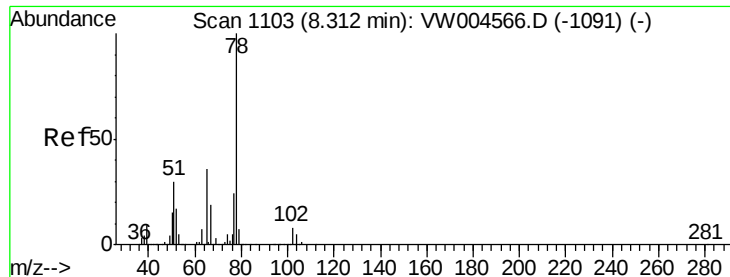
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#32
1,1,1-Trichloroethane
Concen: 49.81 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VW004701.D
Acq: 15 Aug 2018 17:17

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.6	77.4
61	43.5	35.7	53.5





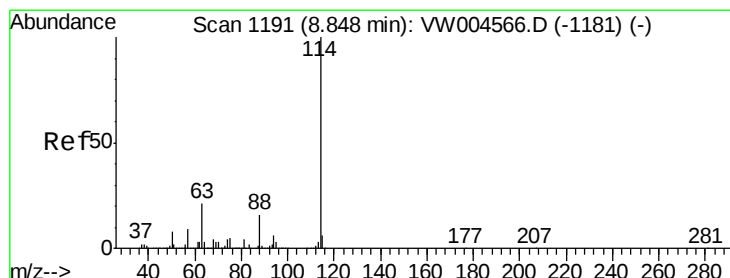
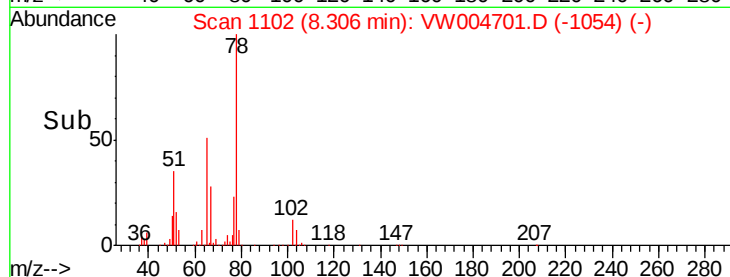
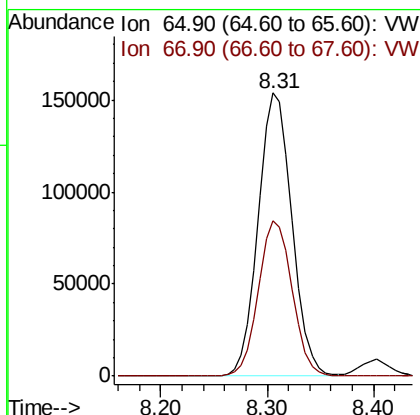
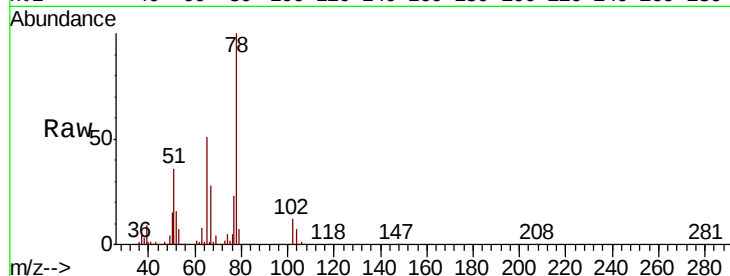
#33
 1,2-Dichloroethane-d4
 Concen: 45.12 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: VW004701.D
 Acq: 15 Aug 2018 17:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	341620		
67	55.1	0.0	109.0	

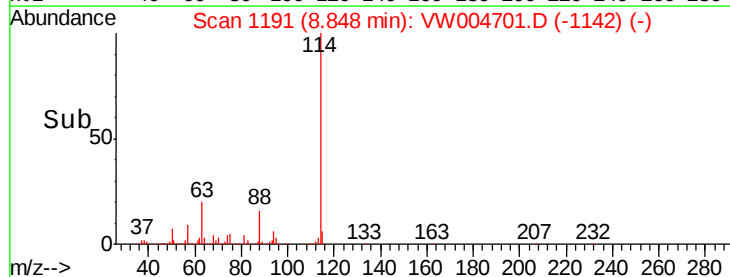
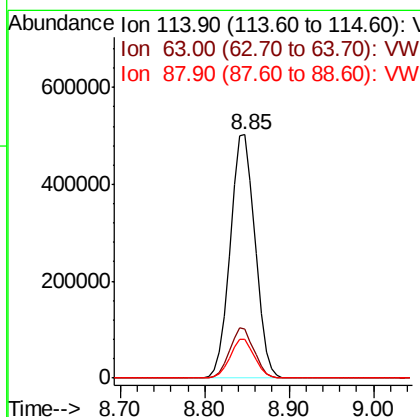
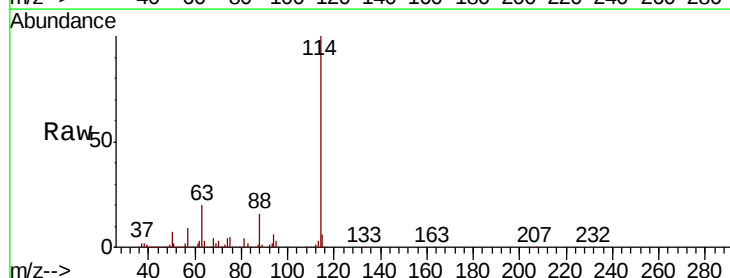
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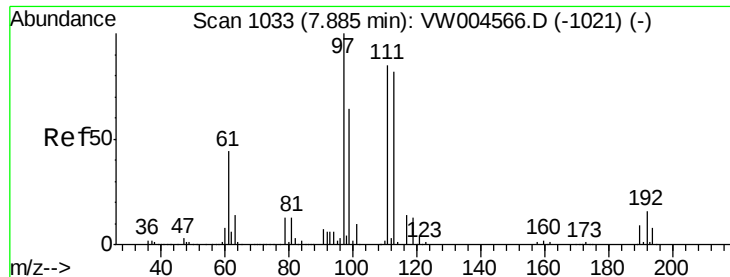
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004701.D
 Acq: 15 Aug 2018 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	1005100		
63	20.3	0.0	42.4	
88	15.8	0.0	31.2	





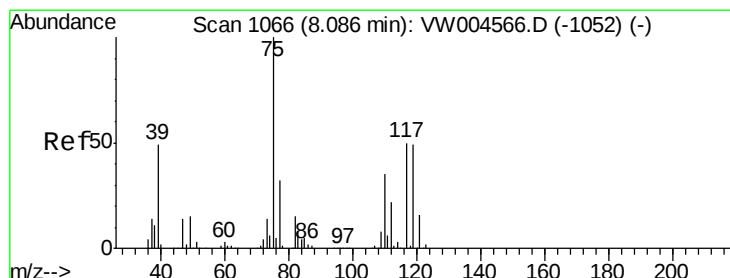
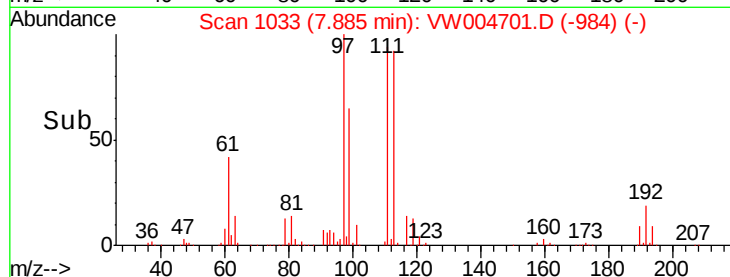
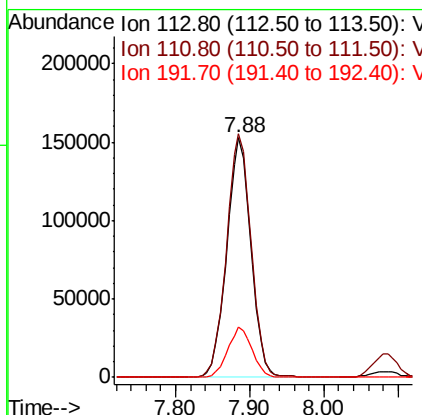
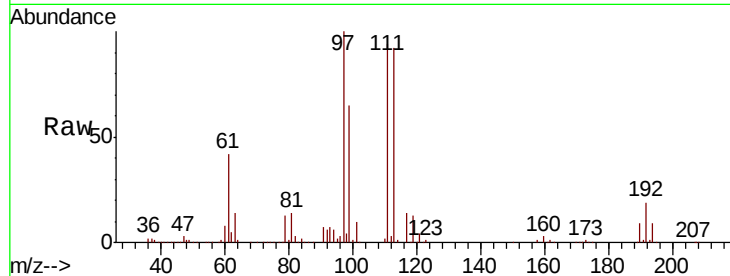
#35
 Dibromofluoromethane
 Concen: 51.64 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004701.D
 Acq: 15 Aug 2018 17:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	346056		
111	103.5	82.9	124.3	
192	21.0	15.8	23.6	

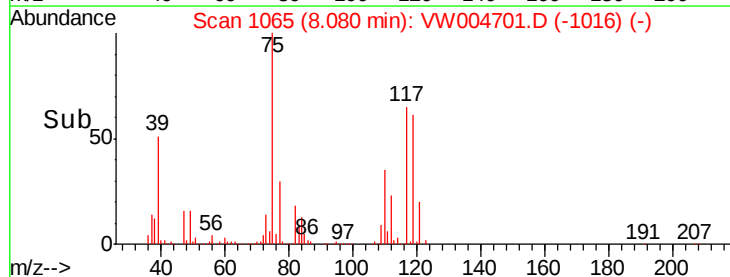
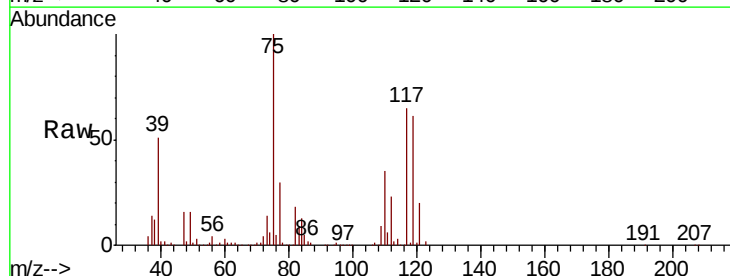
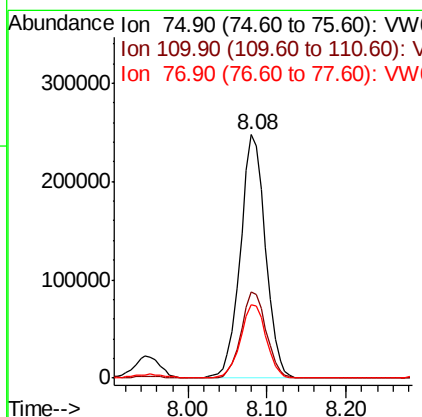
Manual Integrations
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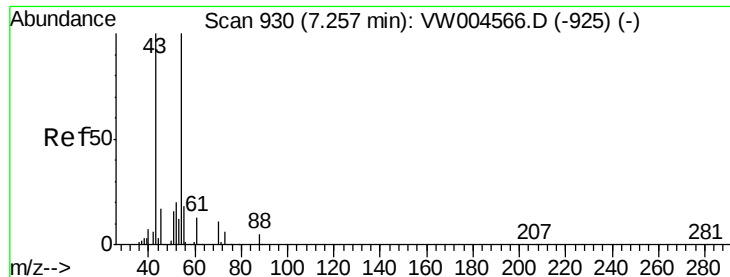
apatel
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#36
 1,1-Dichloropropene
 Concen: 50.67 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: VW004701.D
 Acq: 15 Aug 2018 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	548347		
110	35.5	17.4	52.2	
77	31.1	24.7	37.1	





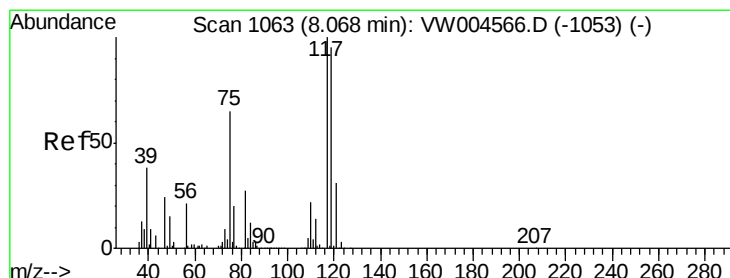
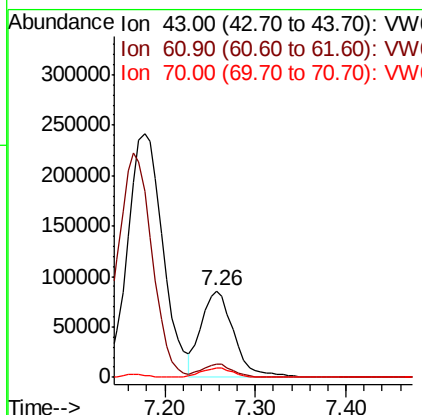
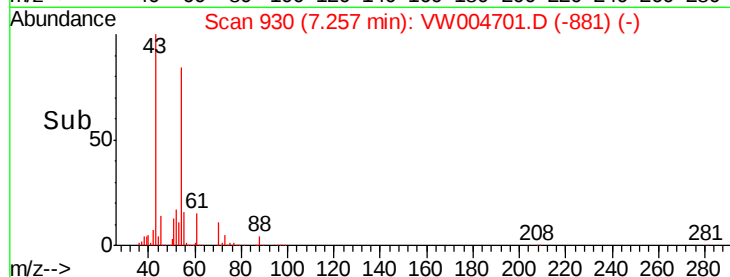
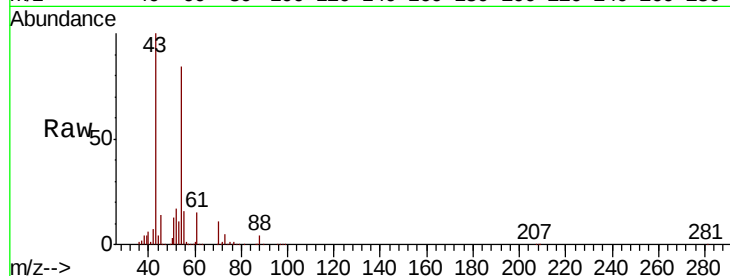
#37
Ethyl Acetate
Concen: 42.36 ug/l
RT: 7.26 min Scan# 930
Delta R.T. 0.00 min
Lab File: VW004701.D
Acq: 15 Aug 2018 17:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.9	17.9
70	10.7	8.2	12.4

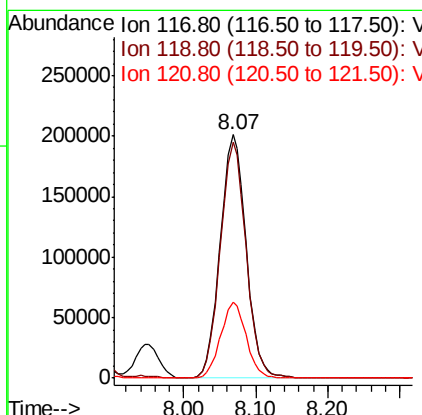
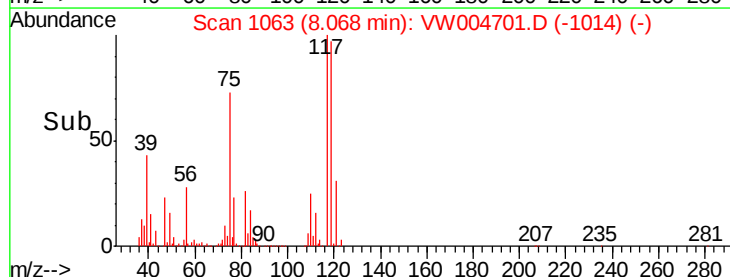
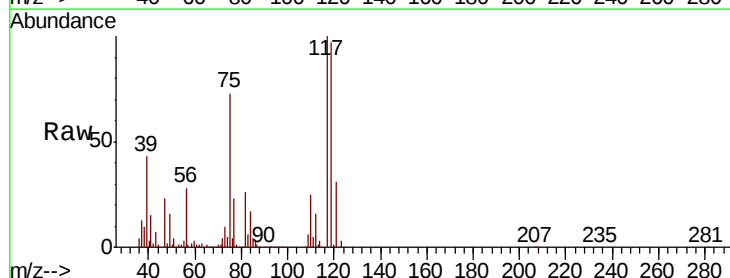
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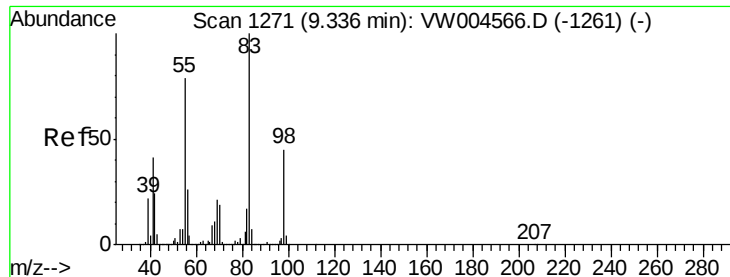
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#38
Carbon Tetrachloride
Concen: 51.79 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW004701.D
Acq: 15 Aug 2018 17:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.0	76.1	114.1
121	31.3	24.2	36.4





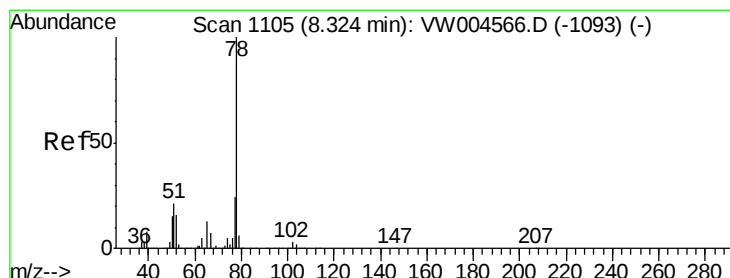
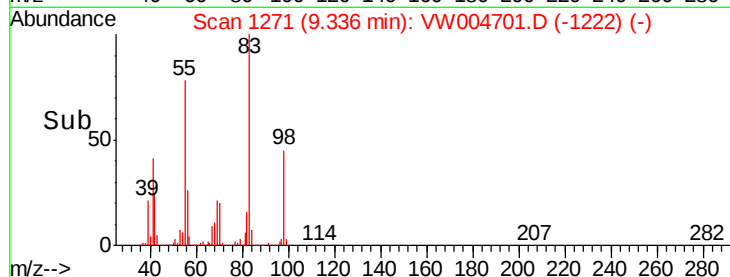
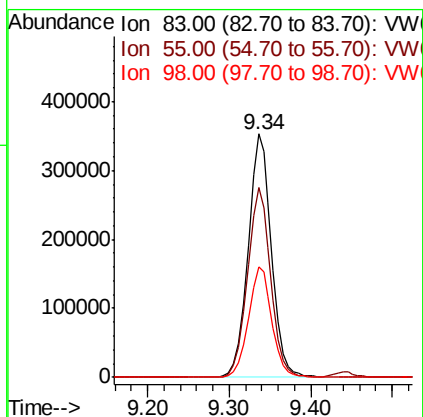
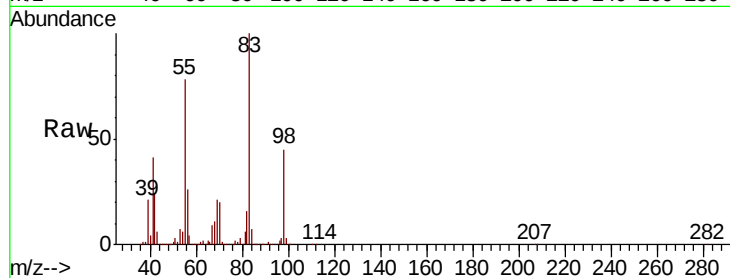
#39
Methylcyclohexane
Concen: 52.78 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW004701.D
Acq: 15 Aug 2018 17:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.2	62.5	93.7
98	45.2	35.4	53.2

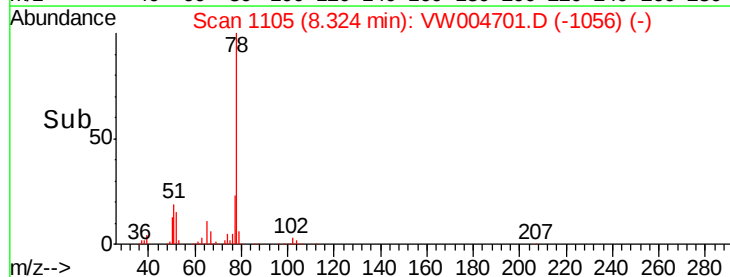
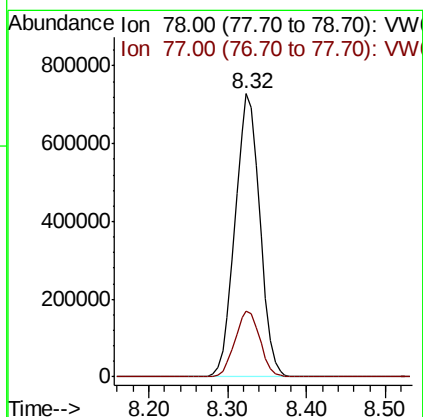
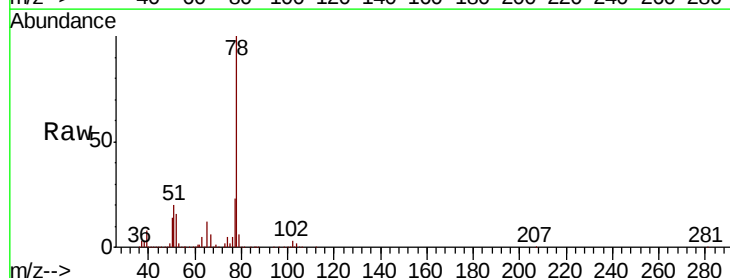
Manual Integrations
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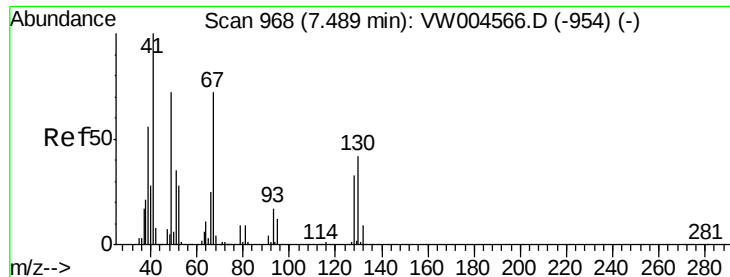
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#40
Benzene
Concen: 50.06 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW004701.D
Acq: 15 Aug 2018 17:17

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.0	28.6





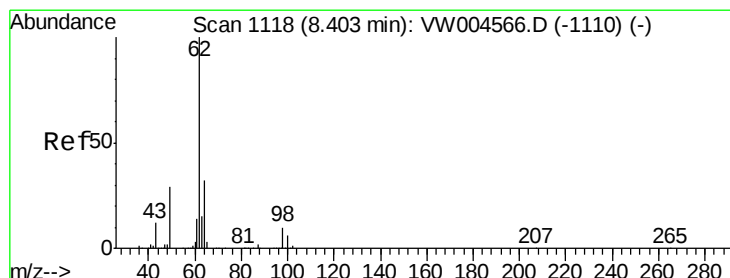
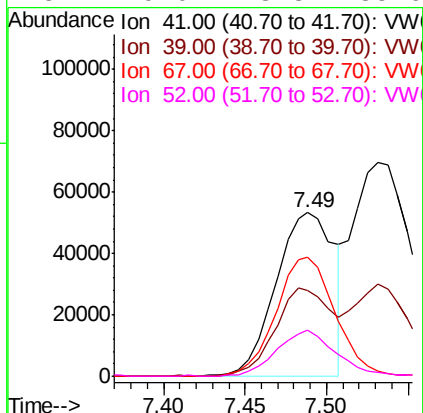
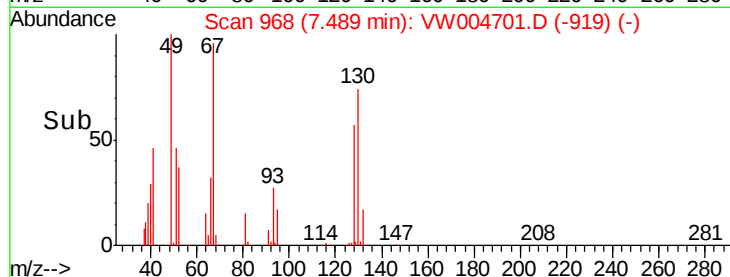
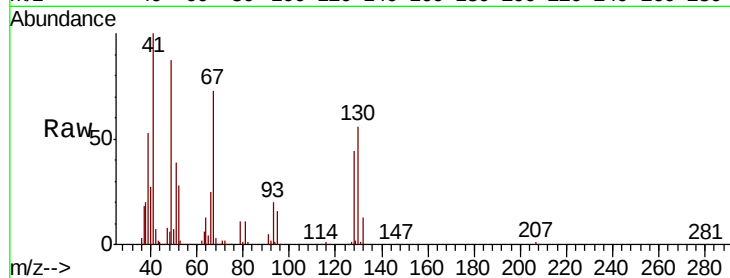
#41
Methacrylonitrile
Concen: 46.57 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.00 min
Lab File: VW004701.D
Acq: 15 Aug 2018 17:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		131841		
39	52.0	46.2	69.2		
67	74.3	60.8	91.2		
52	29.0	23.8	35.6		

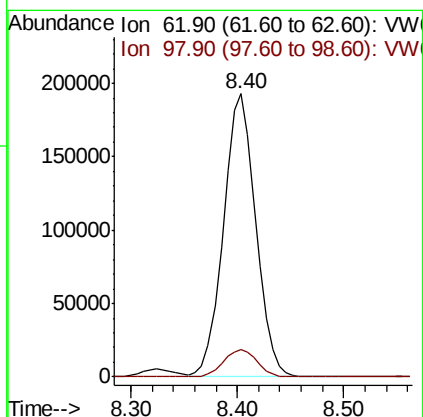
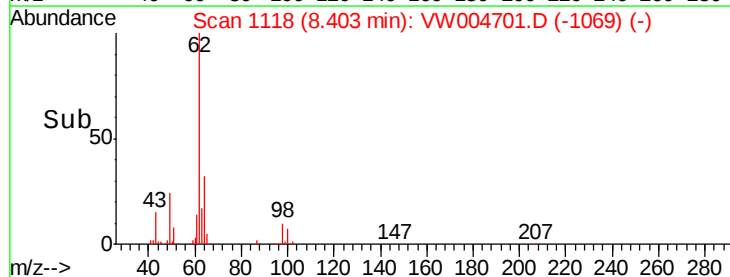
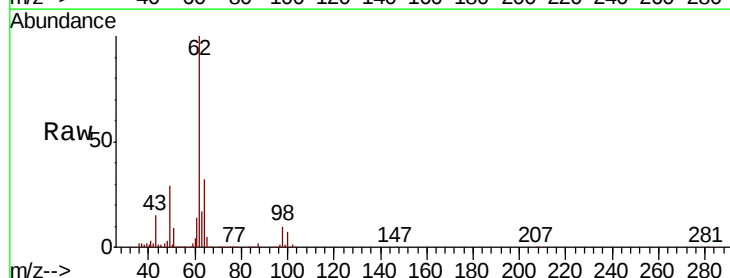
Manual Integrations
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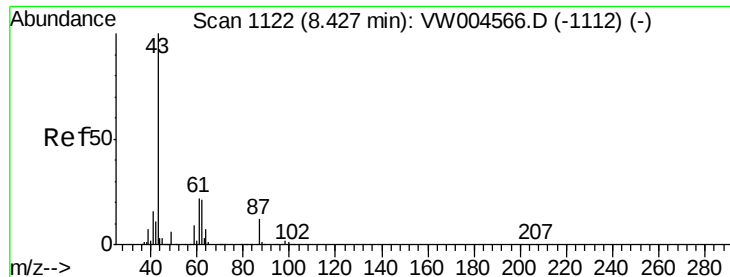
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#42
1,2-Dichloroethane
Concen: 46.25 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW004701.D
Acq: 15 Aug 2018 17:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		406666		
98	10.0	0.0	19.6		





#43

Isopropyl Acetate

Concen: 44.19 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VW004701.D

Acq: 15 Aug 2018 17:17

Instrument :

MSVOA_W

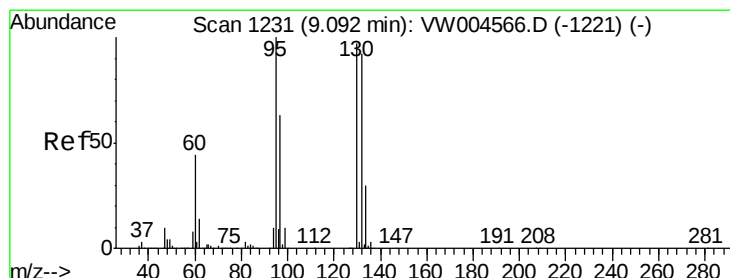
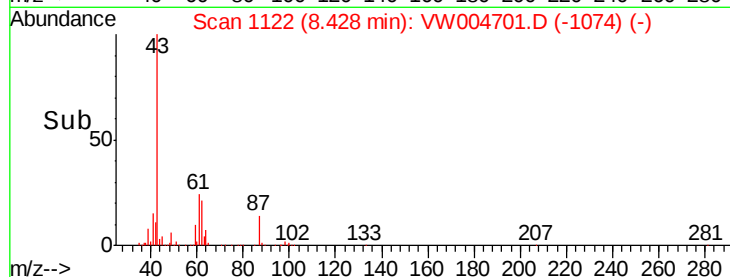
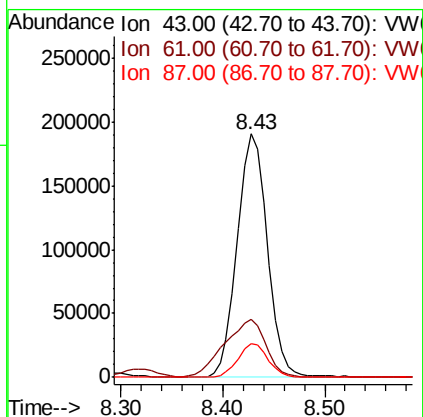
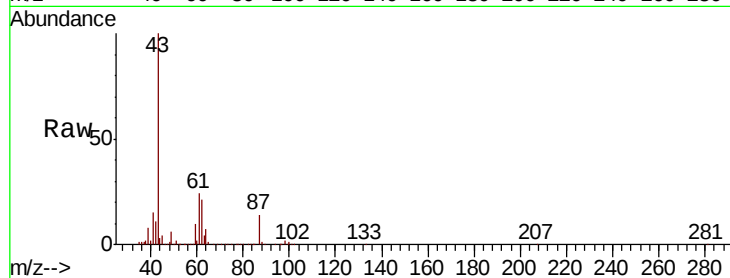
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	390432
Ion	Ratio	Lower	Upper
43	100		
61	32.7	25.2	37.8
87	13.7	10.6	16.0

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#44

Trichloroethene

Concen: 50.88 ug/l

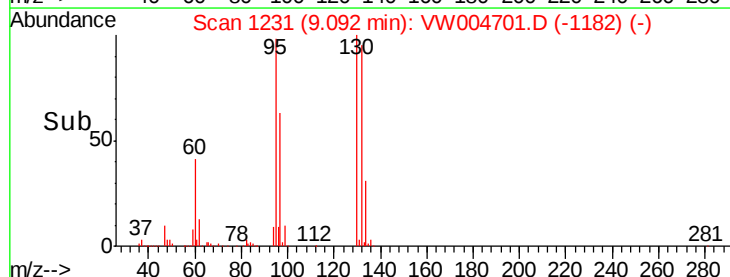
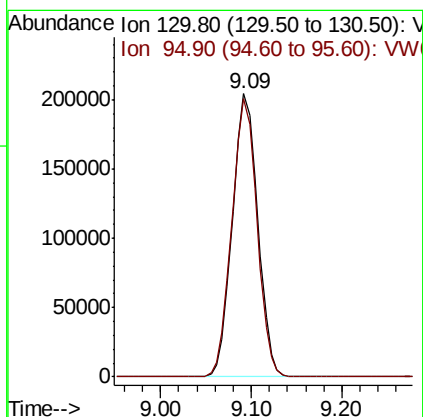
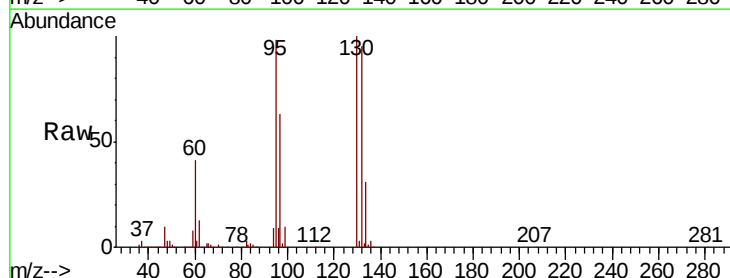
RT: 9.09 min Scan# 1231

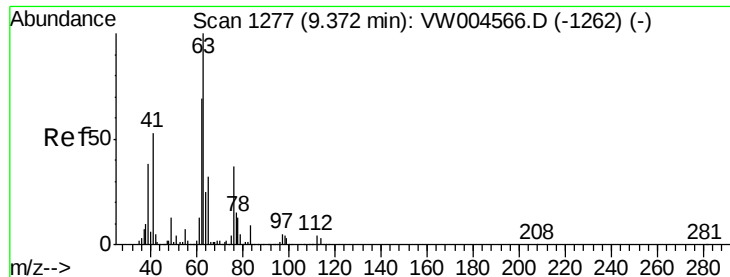
Delta R.T. 0.00 min

Lab File: VW004701.D

Acq: 15 Aug 2018 17:17

Tgt Ion:	130	Resp:	397333
Ion	Ratio	Lower	Upper
130	100		
95	98.4	0.0	196.2





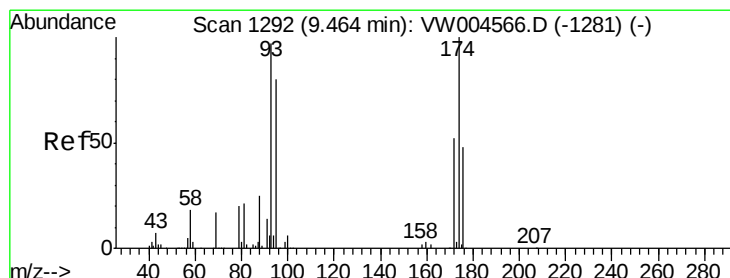
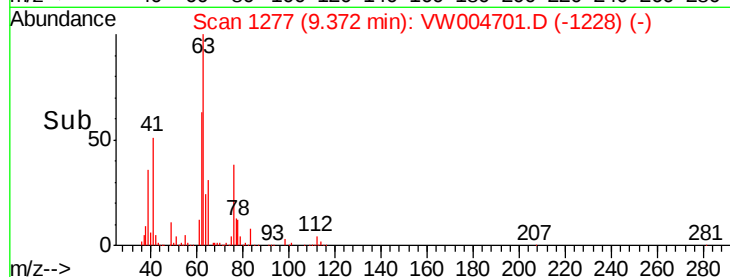
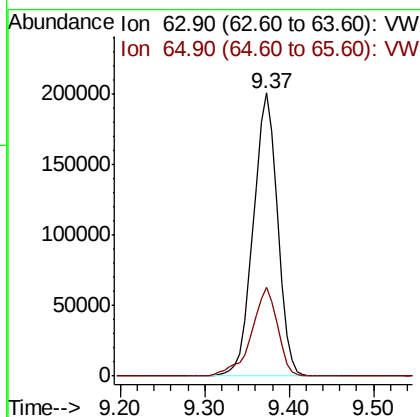
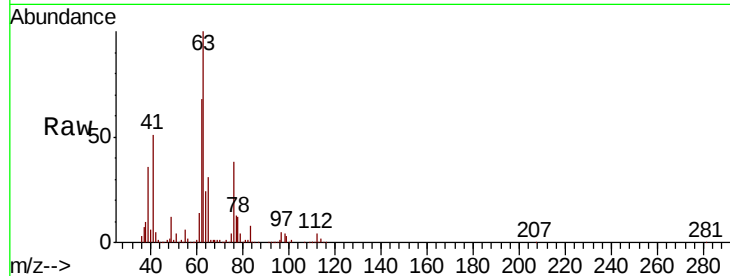
#45
 1,2-Dichloropropane
 Concen: 49.32 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW004701.D
 Acq: 15 Aug 2018 17:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.3	24.5	36.7

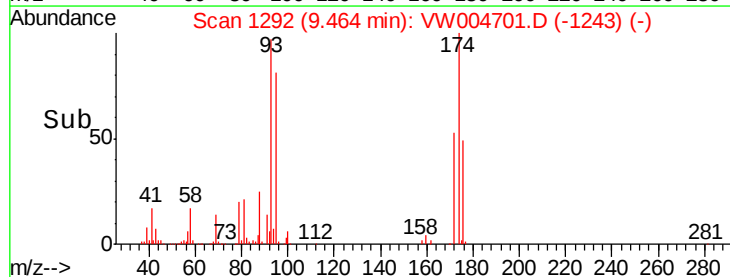
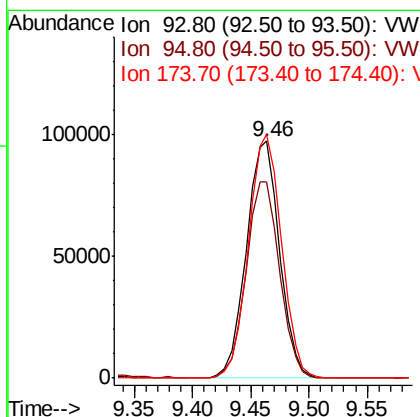
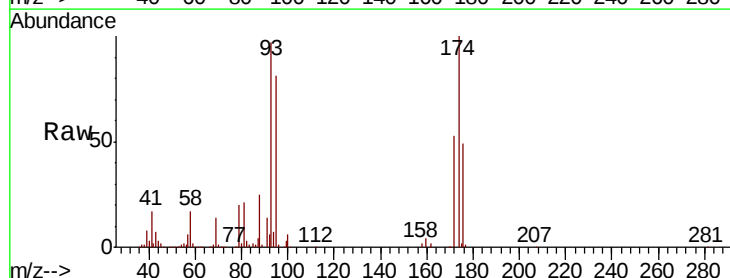
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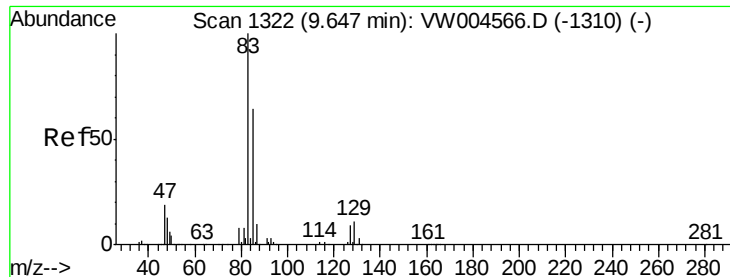
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#46
 Dibromomethane
 Concen: 47.66 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: VW004701.D
 Acq: 15 Aug 2018 17:17

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.8	67.0	100.4
174	102.6	80.2	120.4





#47

Bromodichloromethane

Concen: 48.55 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW004701.D

Acq: 15 Aug 2018 17:17

Instrument :

MSVOA_W

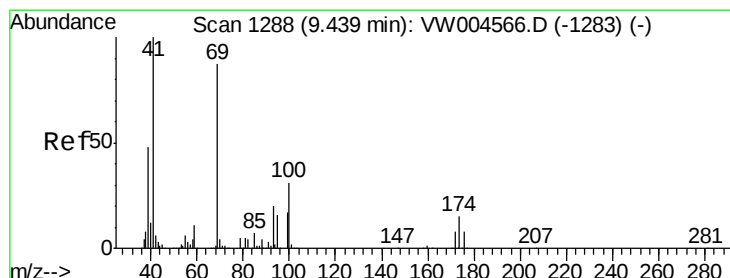
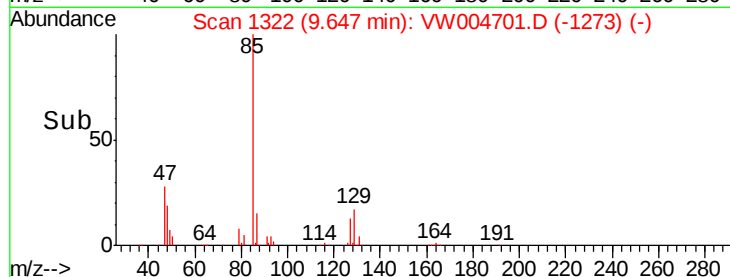
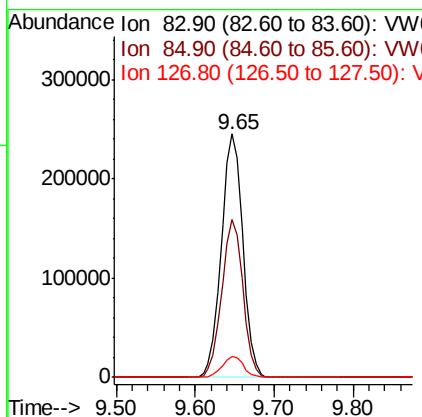
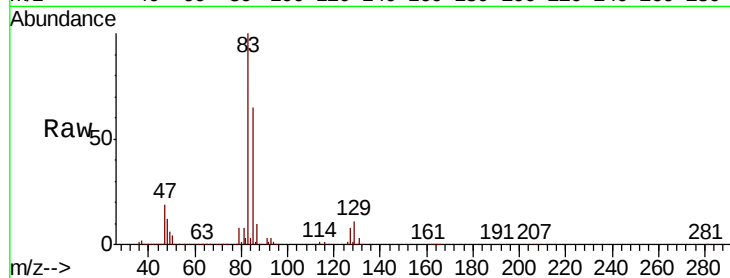
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	464277
Ion Ratio	Lower	Upper	
83	100		
85	65.1	50.7	76.1
127	8.3	6.5	9.7

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#48

Methyl methacrylate

Concen: 46.12 ug/l

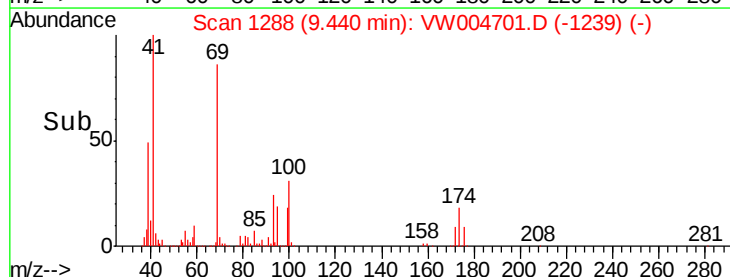
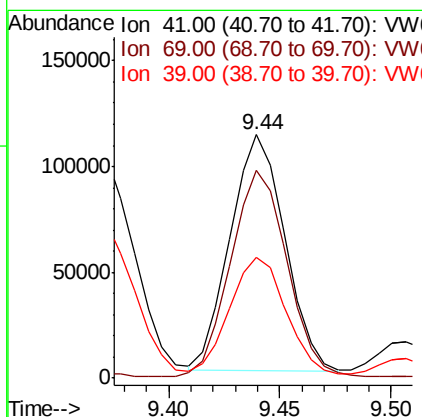
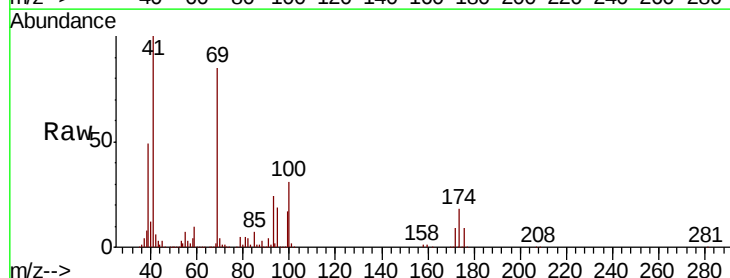
RT: 9.44 min Scan# 1288

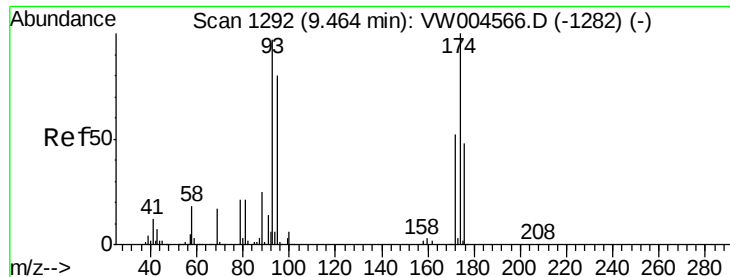
Delta R.T. 0.00 min

Lab File: VW004701.D

Acq: 15 Aug 2018 17:17

Tgt Ion:	41	Resp:	190438
Ion Ratio	Lower	Upper	
41	100		
69	92.5	73.2	109.8
39	49.9	40.6	60.8





#49

1,4-Dioxane

Concen: 982.31 ug/l

RT: 9.47 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VW004701.D

Acq: 15 Aug 2018 17:17

Instrument :

MSVOA_W

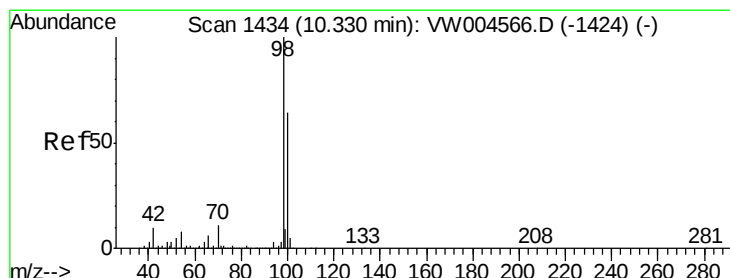
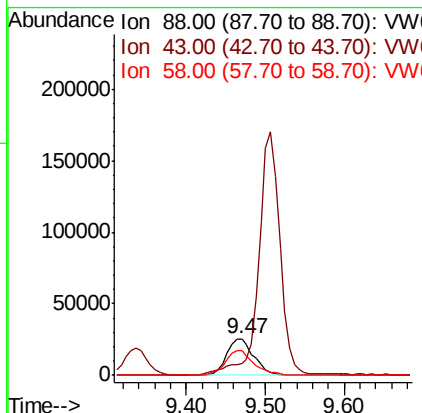
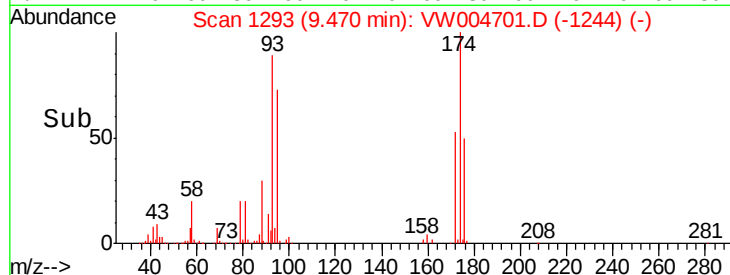
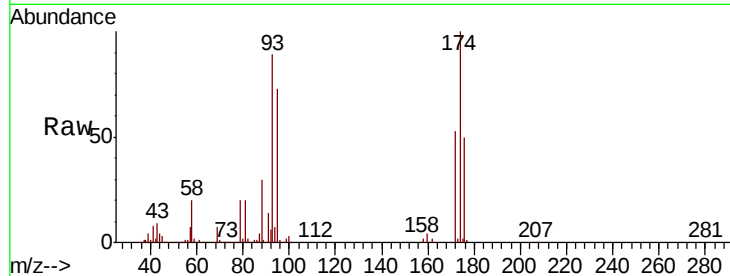
ClientSampleId :

VSTDCCC050

Tot Ion:	88	Resp:	60718
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	73.8	63.5	95.3

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#50

Toluene-d8

Concen: 53.10 ug/l

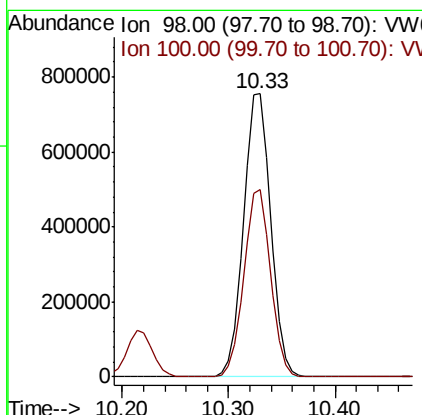
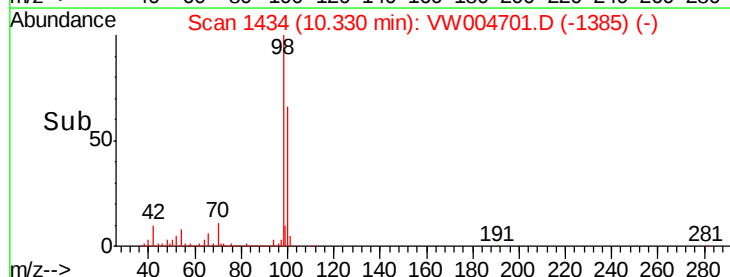
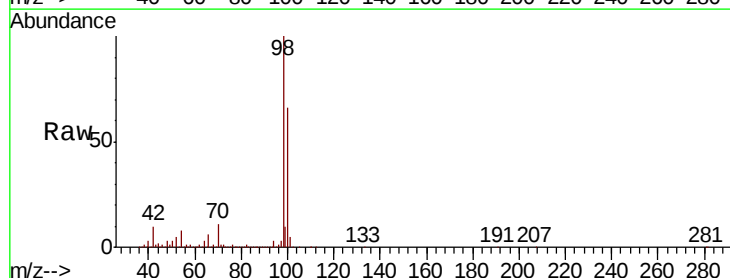
RT: 10.33 min Scan# 1434

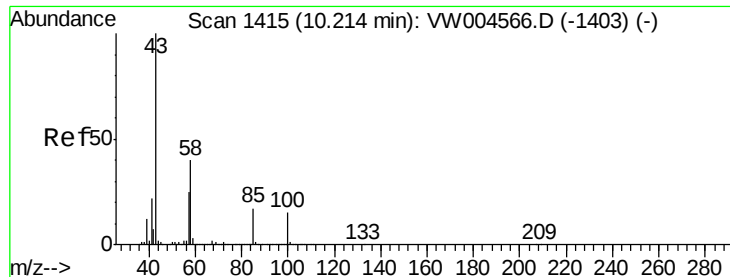
Delta R.T. 0.00 min

Lab File: VW004701.D

Acq: 15 Aug 2018 17:17

Tgt Ion:	98	Resp:	1356766
Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.4	77.2





#51

4-Methyl-2-Pentanone

Concen: 225.10 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. 0.00 min

Lab File: VW004701.D

Acq: 15 Aug 2018 17:17

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 1384297

Ion Ratio Lower Upper

43 100

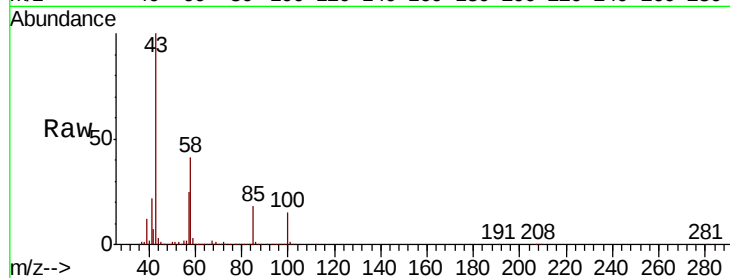
58 40.4 31.9 47.9

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.21

800000

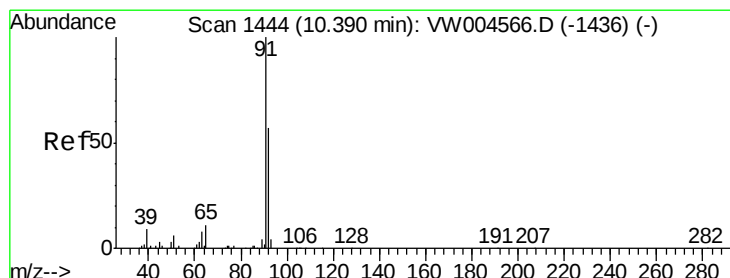
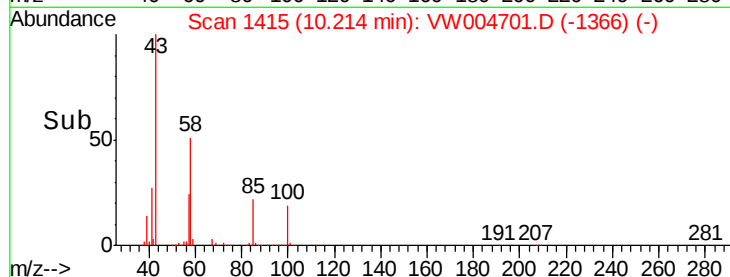
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 52.06 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW004701.D

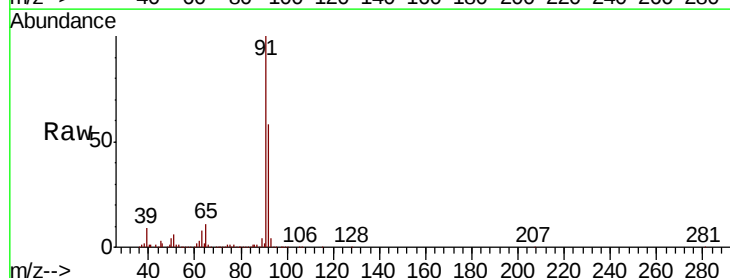
Acq: 15 Aug 2018 17:17

Tgt Ion: 92 Resp: 975586

Ion Ratio Lower Upper

92 100

91 171.5 137.9 206.9



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

1000000

800000

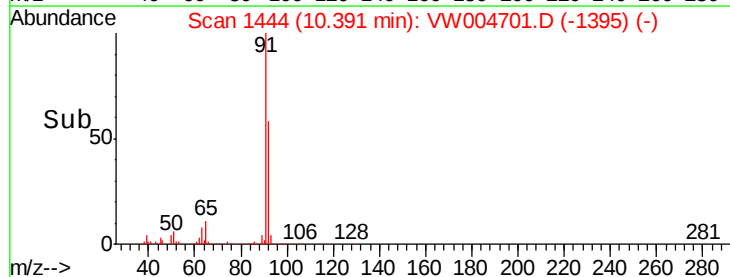
600000

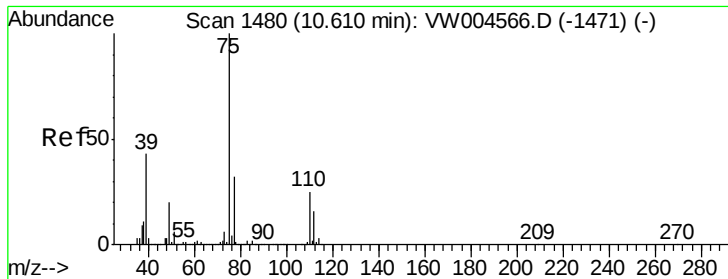
400000

200000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 49.09 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW004701.D

Acq: 15 Aug 2018 17:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 471425

Ion Ratio Lower Upper

75 100

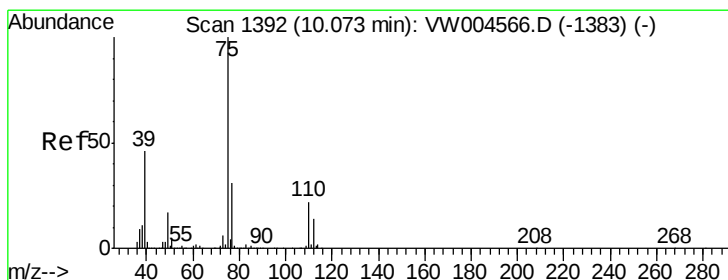
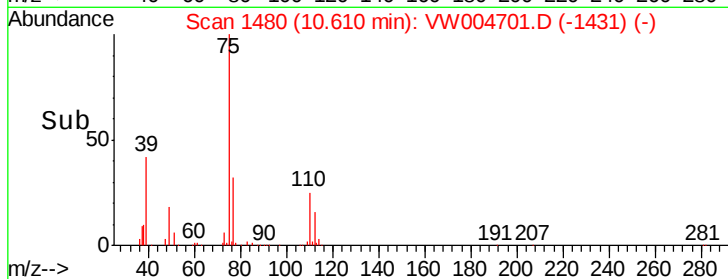
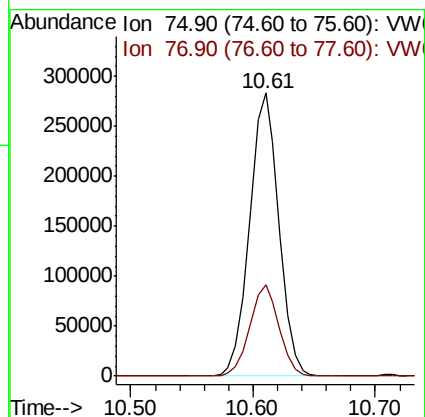
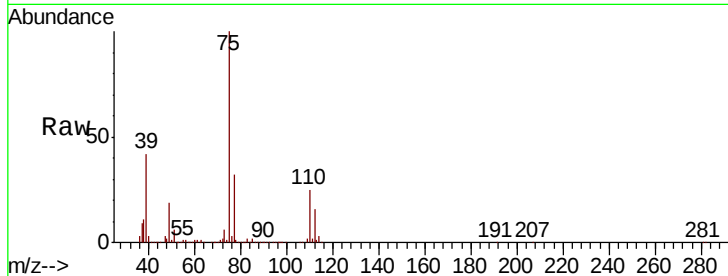
77 32.1 25.1 37.7

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#54

cis-1,3-Dichloropropene

Concen: 50.48 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. -0.01 min

Lab File: VW004701.D

Acq: 15 Aug 2018 17:17

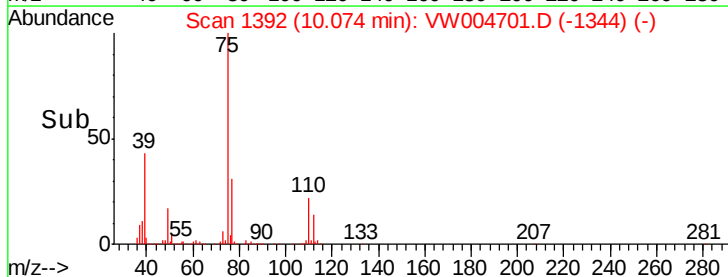
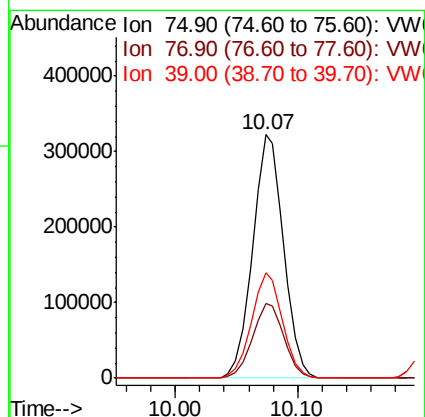
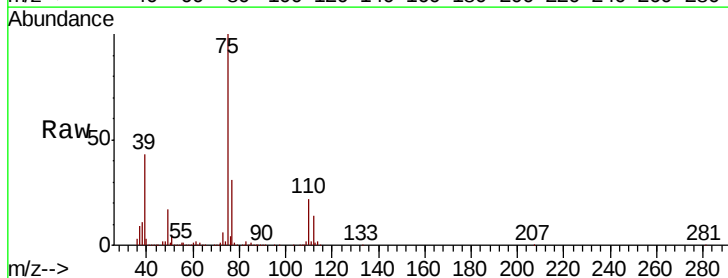
Tgt Ion: 75 Resp: 564876

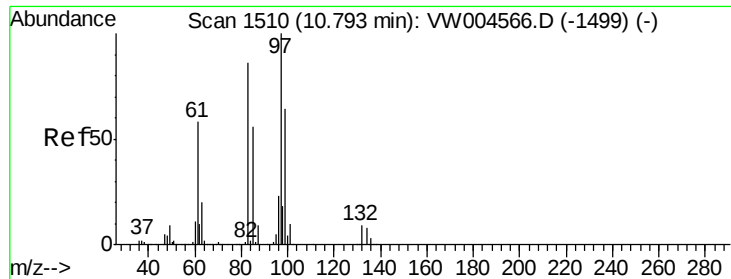
Ion Ratio Lower Upper

75 100

77 30.6 25.3 37.9

39 43.0 34.5 51.7





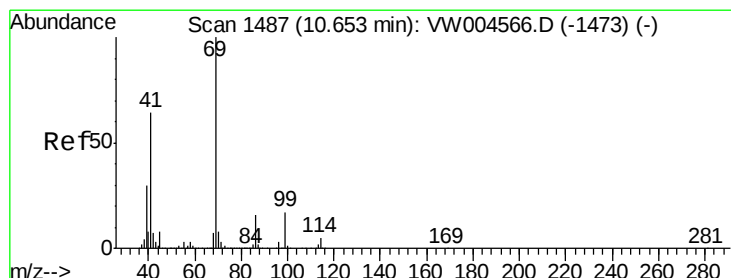
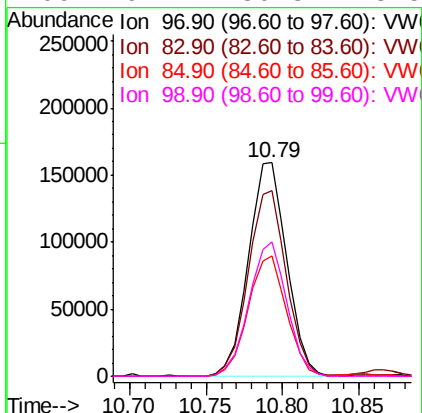
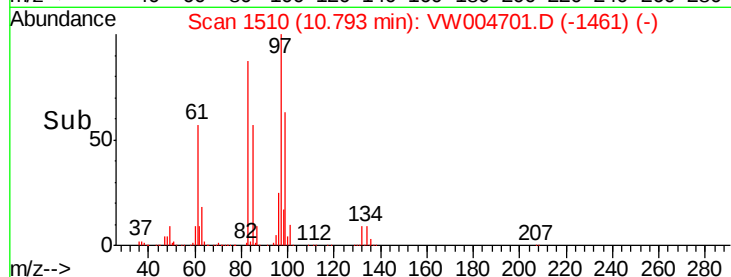
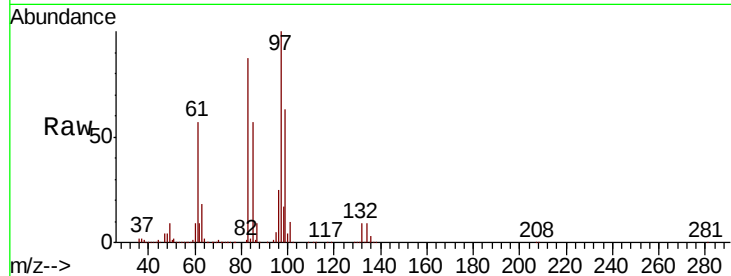
#55
 1,1,2-Trichloroethane
 Concen: 47.71 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW004701.D
 Acq: 15 Aug 2018 17:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		277079		
83	86.7	69.8	104.8		
85	56.6	45.1	67.7		
99	62.7	50.3	75.5		

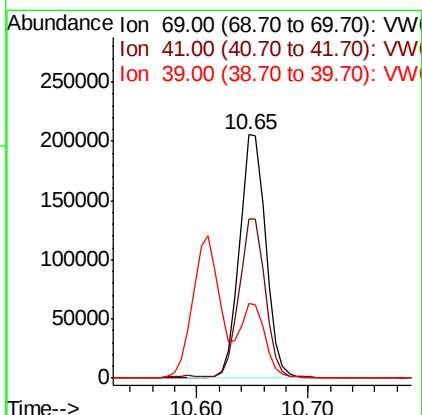
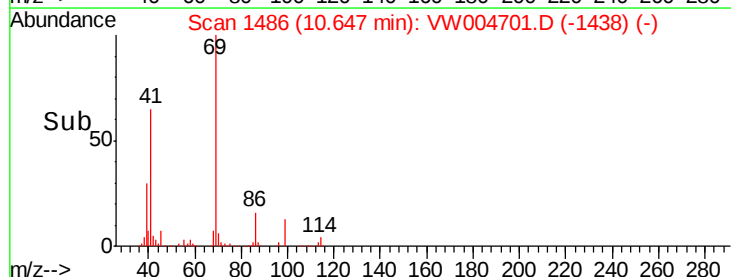
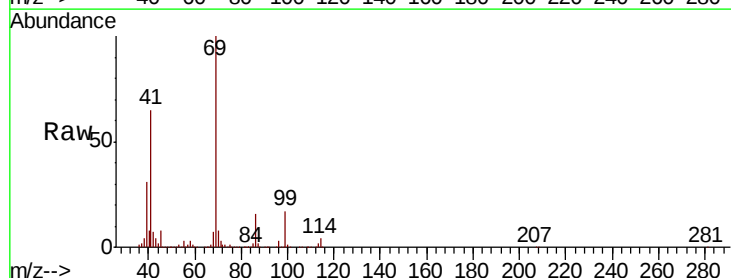
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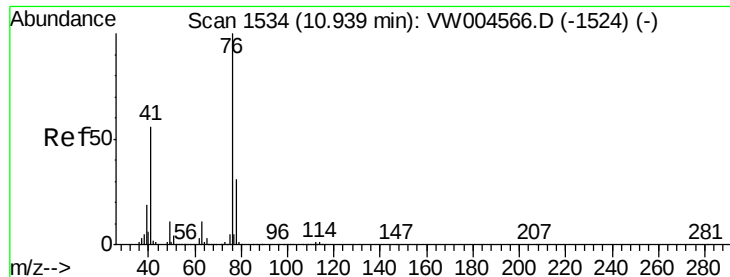
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#56
 Ethyl methacrylate
 Concen: 48.58 ug/l
 RT: 10.65 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VW004701.D
 Acq: 15 Aug 2018 17:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		337787		
41	64.8	52.4	78.6		
39	27.0	22.7	34.1		





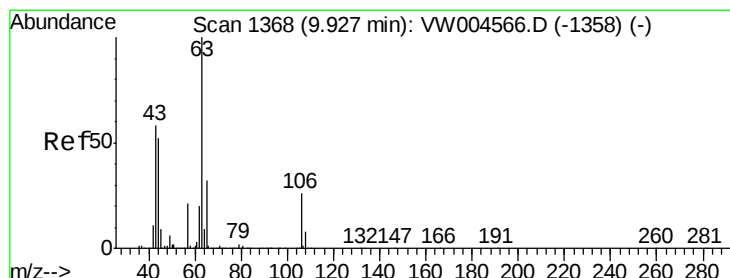
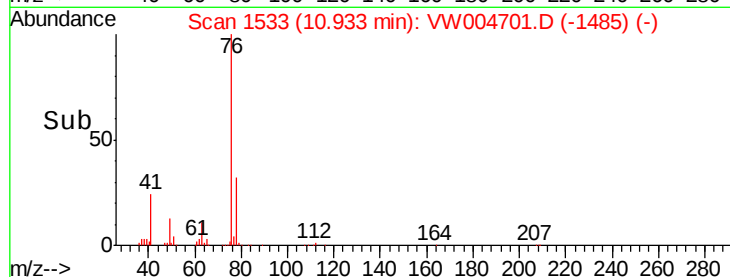
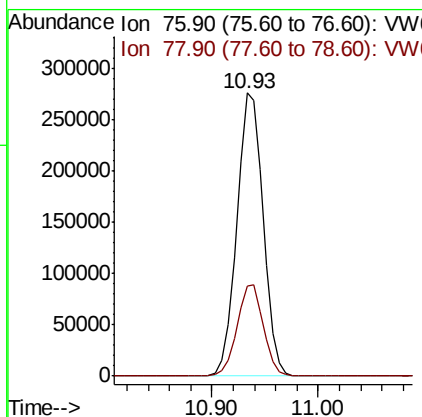
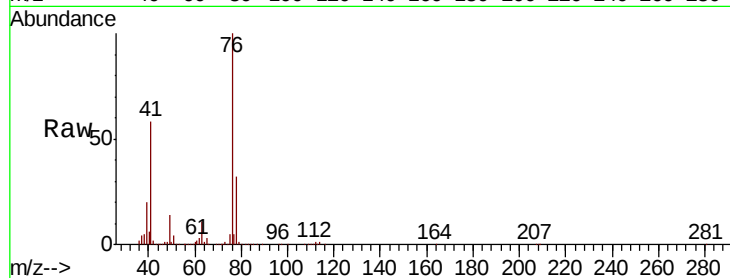
#57
 1,3-Dichloropropane
 Concen: 47.88 ug/l
 RT: 10.93 min Scan# 1533
 Delta R.T. -0.01 min
 Lab File: VW004701.D
 Acq: 15 Aug 2018 17:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.7	38.5

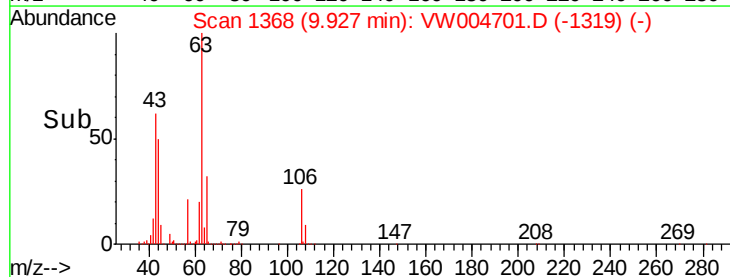
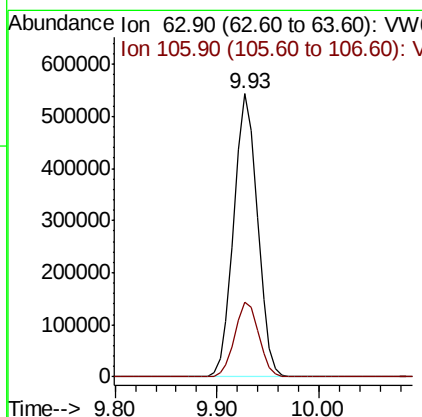
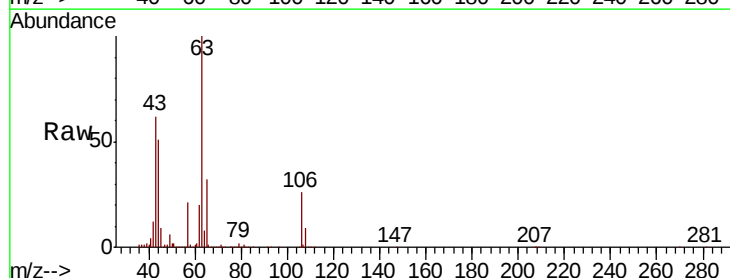
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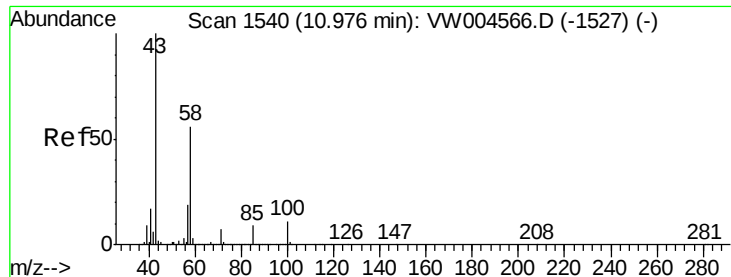
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#58
 2-Chloroethyl Vinyl ether
 Concen: 236.87 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VW004701.D
 Acq: 15 Aug 2018 17:17

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.7	21.3	31.9





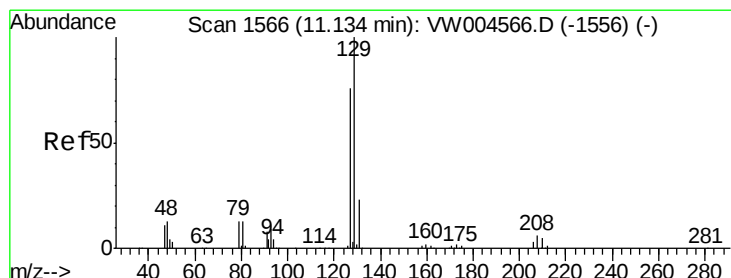
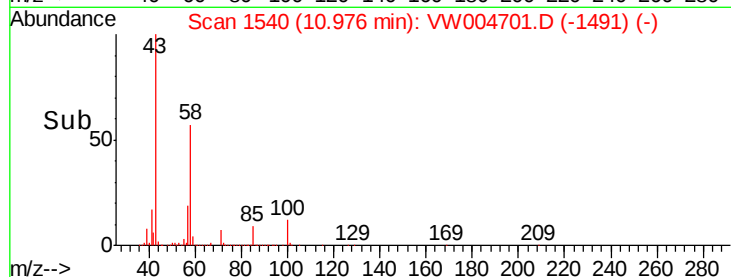
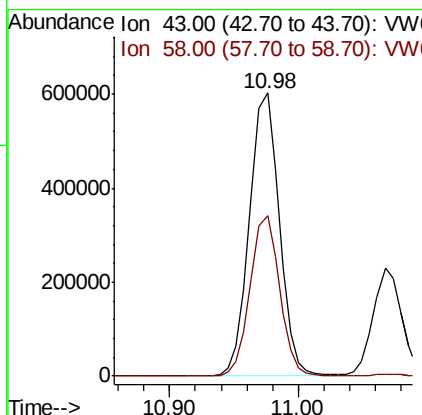
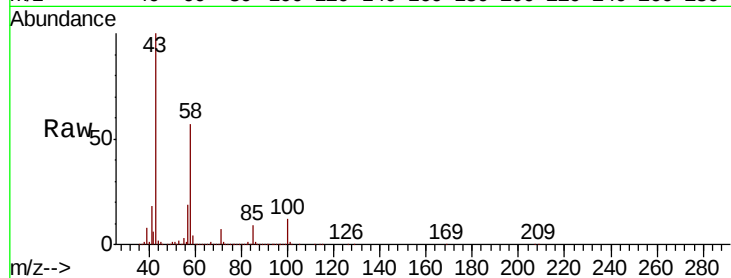
#59
2-Hexanone
Concen: 231.93 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW004701.D
Acq: 15 Aug 2018 17:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	56.1	27.9	83.6

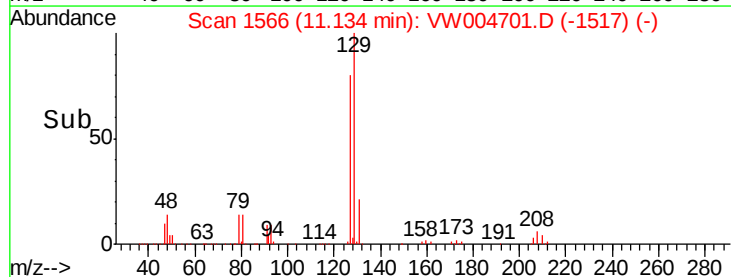
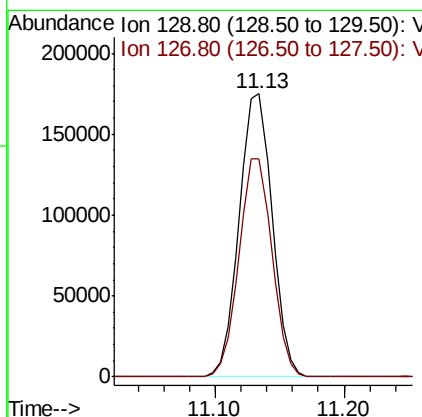
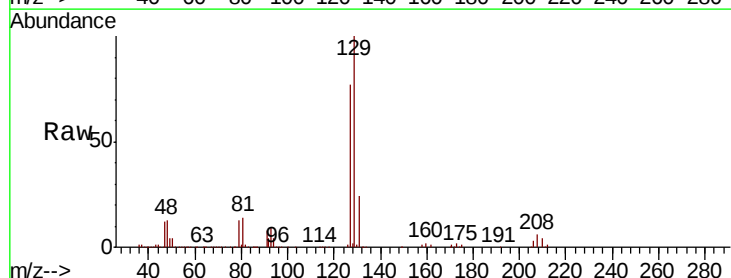
Manual Integrations
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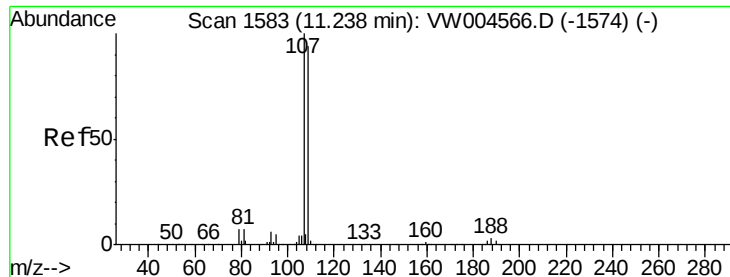
apatel
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#60
Dibromochloromethane
Concen: 49.23 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW004701.D
Acq: 15 Aug 2018 17:17

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.2	38.6	115.8





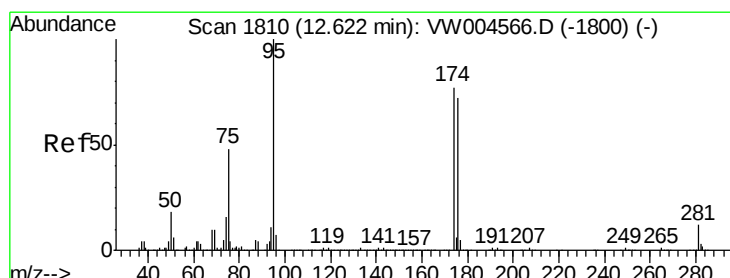
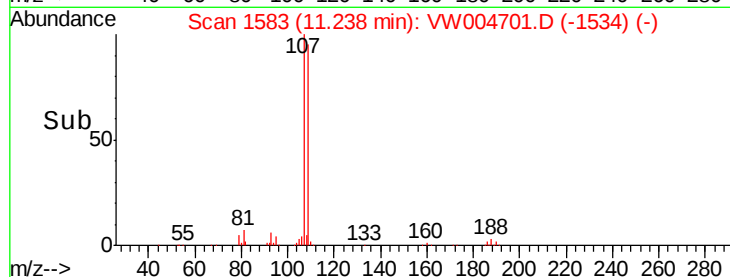
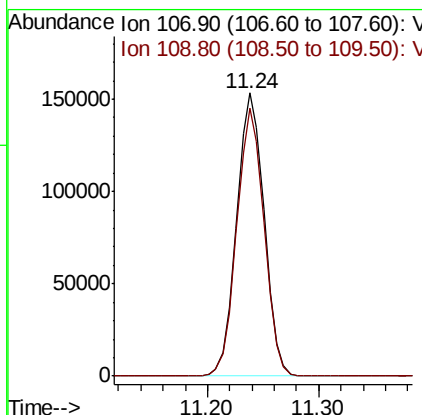
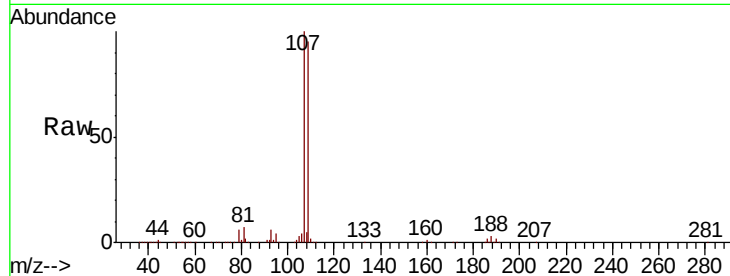
#61
 1,2-Dibromoethane
 Concen: 47.99 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW004701.D
 Acq: 15 Aug 2018 17:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.1	75.7	113.5

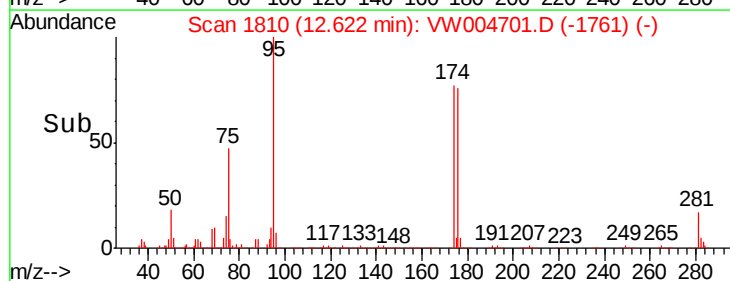
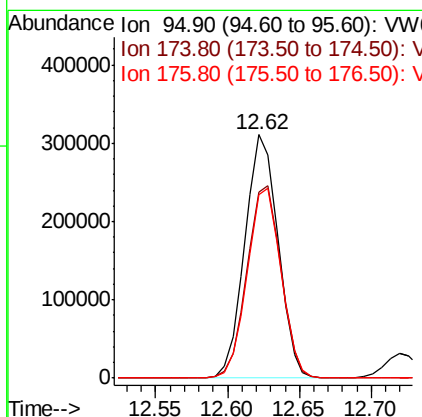
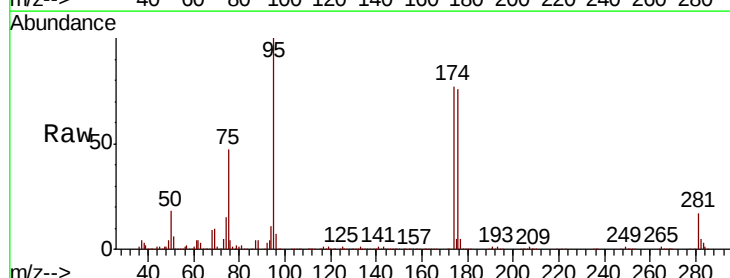
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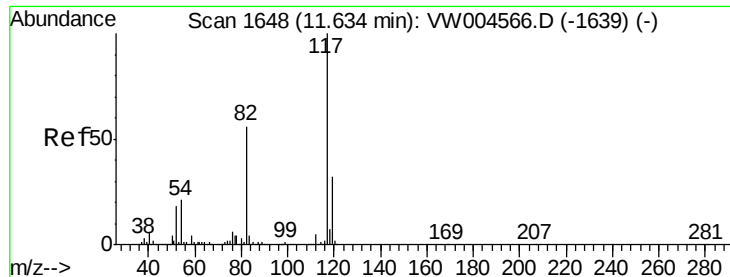
apatel
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#62
 4-Bromofluorobenzene
 Concen: 53.81 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW004701.D
 Acq: 15 Aug 2018 17:17

Tgt Ion	Ratio	Lower	Upper
95	100		
174	81.1	0.0	160.4
176	79.3	0.0	153.2





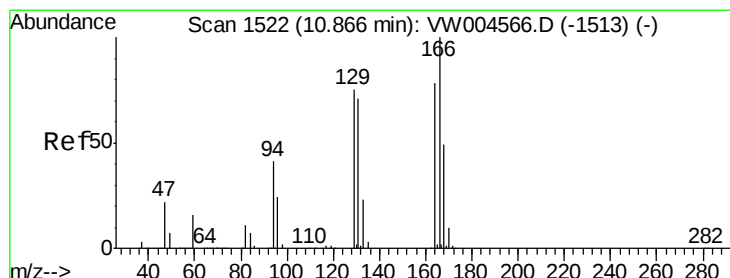
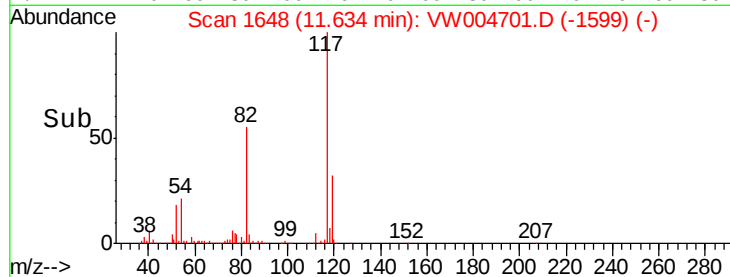
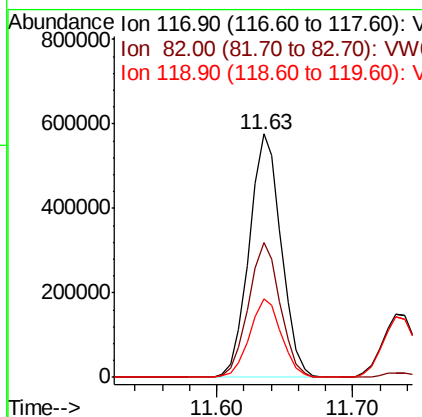
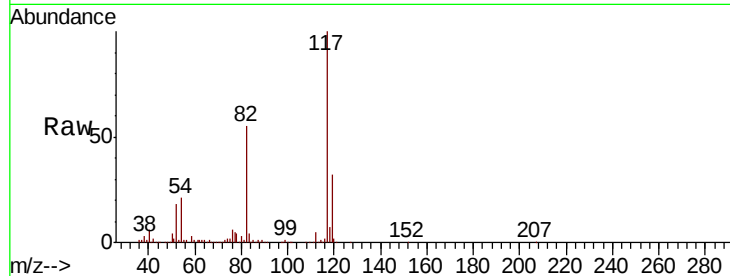
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004701.D
Acq: 15 Aug 2018 17:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:	117	Resp:	949810
Ion Ratio	Lower	Upper	
117	100		
82	55.2	45.3	67.9
119	32.0	26.2	39.4

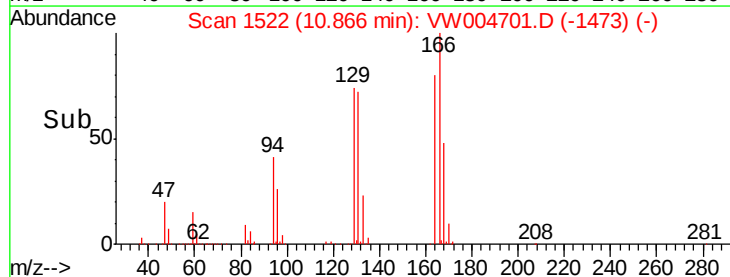
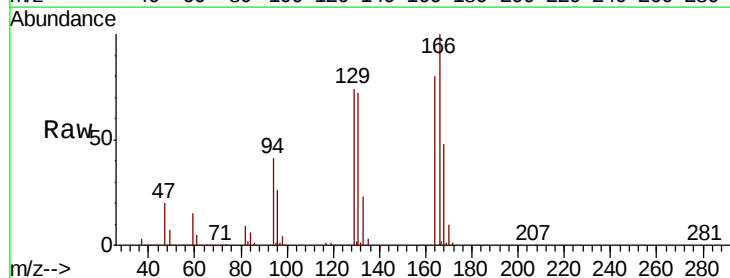
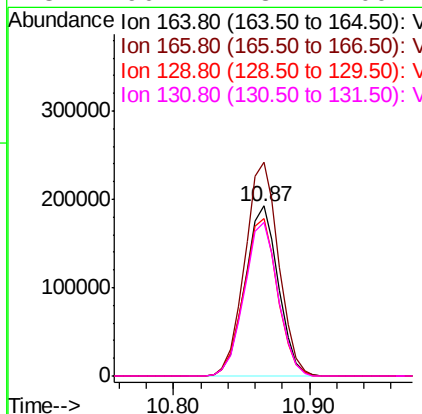
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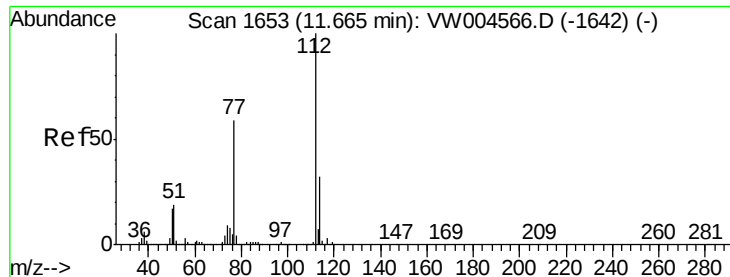
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#64
Tetrachloroethene
Concen: 49.74 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW004701.D
Acq: 15 Aug 2018 17:17

Tgt Ion:	164	Resp:	329562
Ion Ratio	Lower	Upper	
164	100		
166	125.7	98.4	147.6
129	93.0	73.6	110.4
131	90.4	73.1	109.7





#65

Chlorobenzene

Concen: 50.64 ug/l

RT: 11.66 min Scan# 1652

Delta R.T. -0.01 min

Lab File: VW004701.D

Acq: 15 Aug 2018 17:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 1060039

Ion Ratio Lower Upper

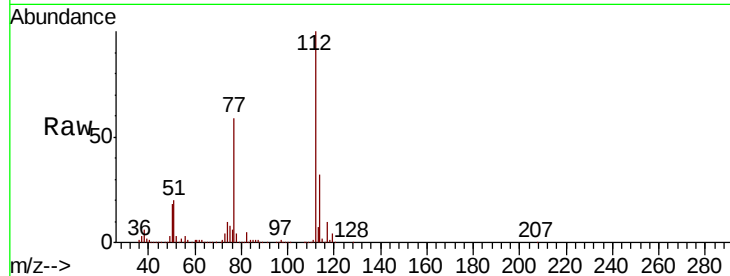
112 100

114 32.0 26.0 39.0

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.66

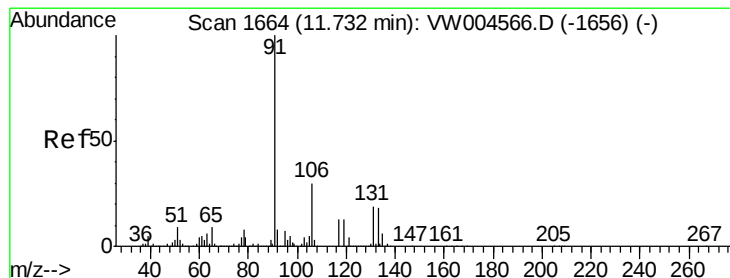
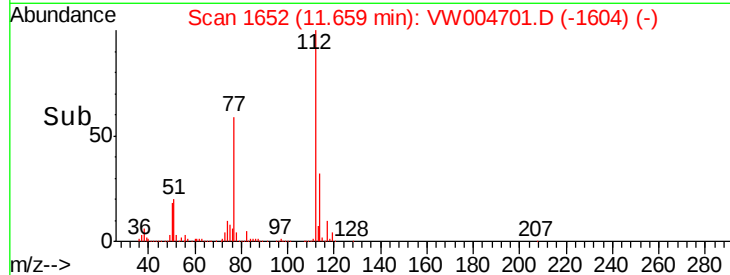
600000

400000

200000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 50.35 ug/l

RT: 11.73 min Scan# 1664

Delta R.T. -0.01 min

Lab File: VW004701.D

Acq: 15 Aug 2018 17:17

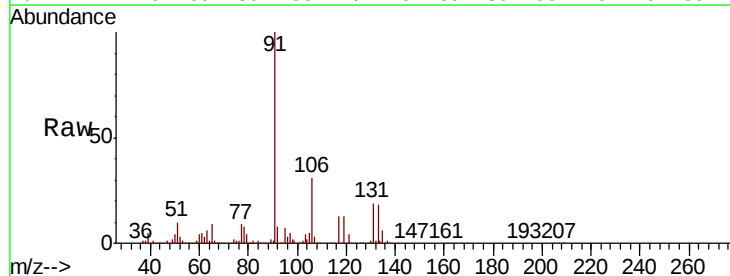
Tgt Ion:131 Resp: 358833

Ion Ratio Lower Upper

131 100

133 95.7 48.1 144.4

119 67.6 33.9 101.7



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

11.73

250000

200000

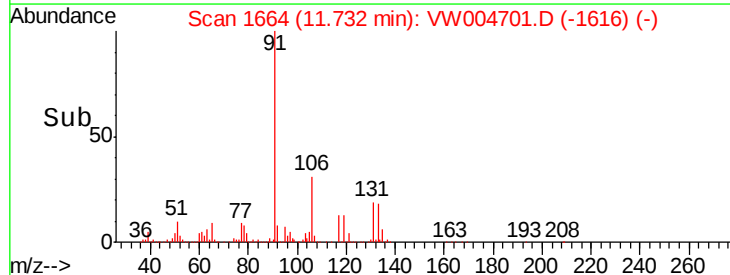
150000

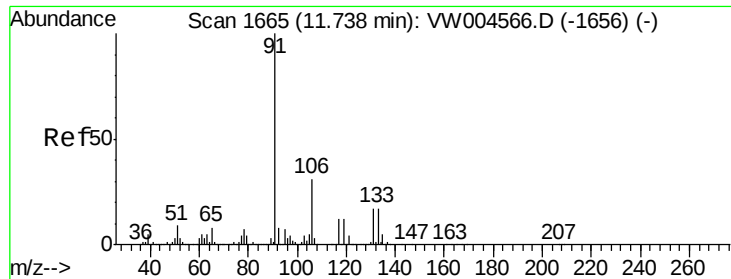
100000

50000

0

Time-->





#67

Ethyl Benzene

Concen: 52.92 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VW004701.D

Acq: 15 Aug 2018 17:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1877708

Ion Ratio Lower Upper

91 100

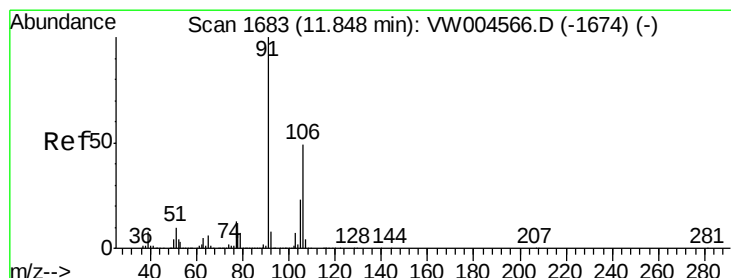
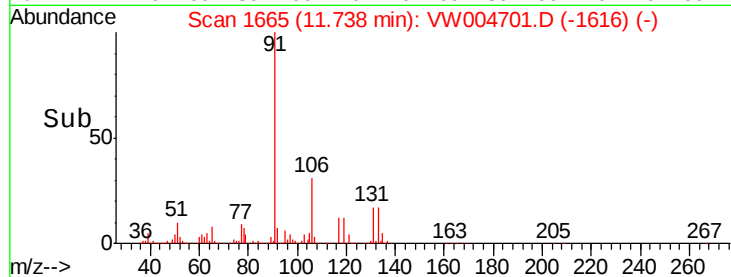
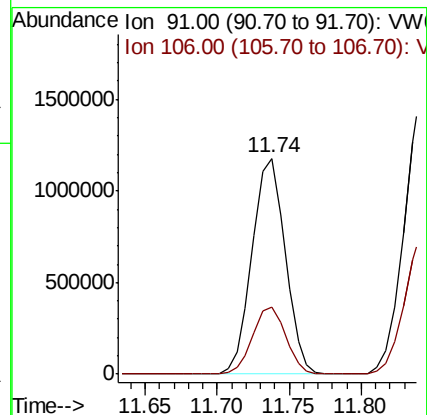
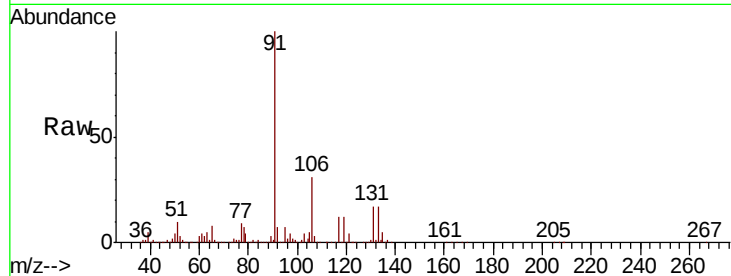
106 31.1 24.2 36.2

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#68

m/p-Xylenes

Concen: 107.38 ug/l

RT: 11.84 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VW004701.D

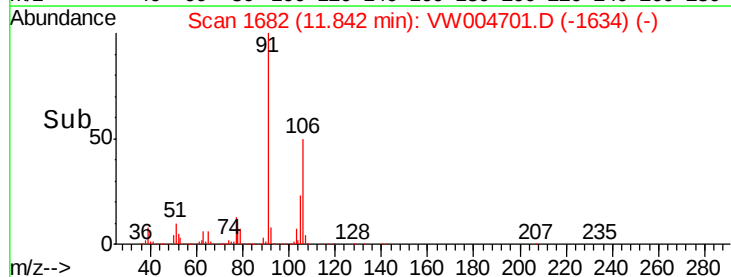
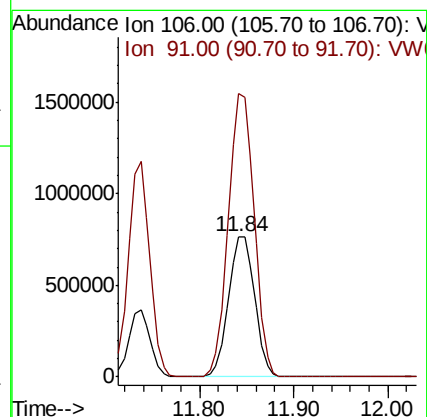
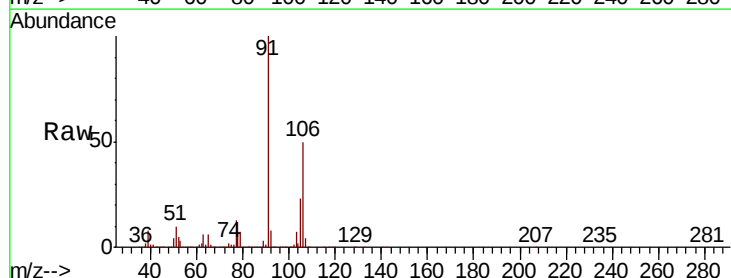
Acq: 15 Aug 2018 17:17

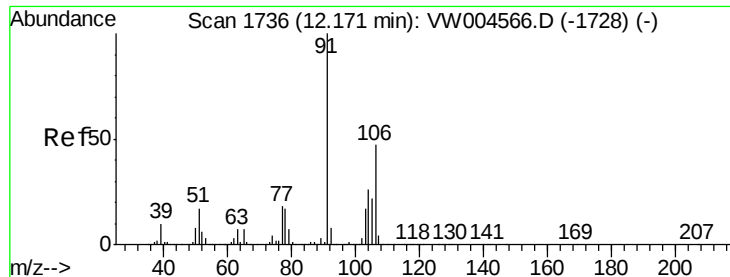
Tgt Ion: 106 Resp: 1472586

Ion Ratio Lower Upper

106 100

91 200.3 162.8 244.2





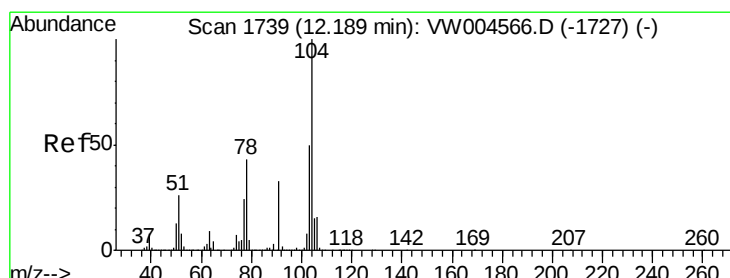
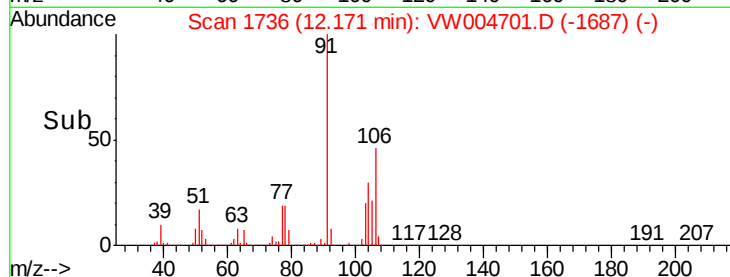
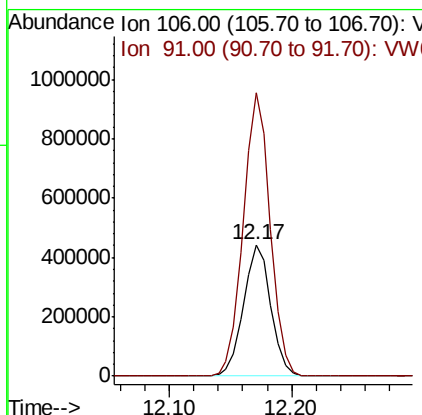
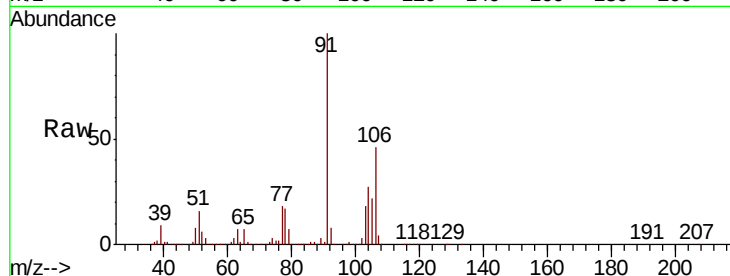
#69
o-Xylene
Concen: 53.69 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW004701.D
Acq: 15 Aug 2018 17:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
682860	106	100		
	91	213.2	106.7	320.2

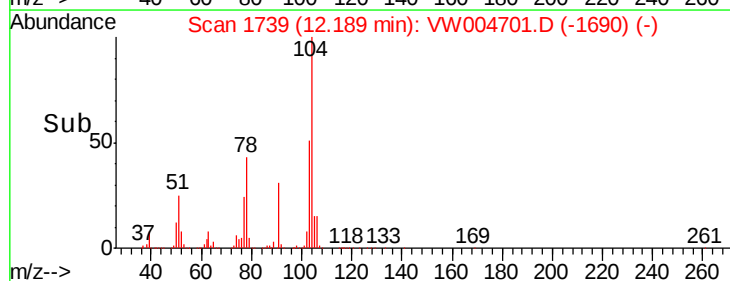
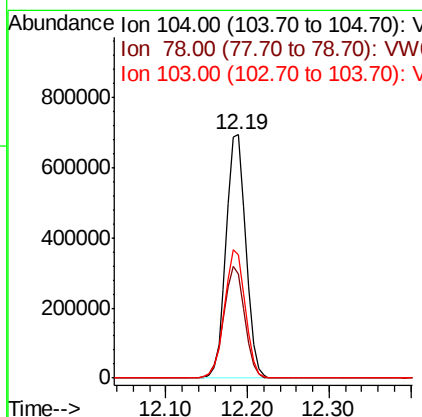
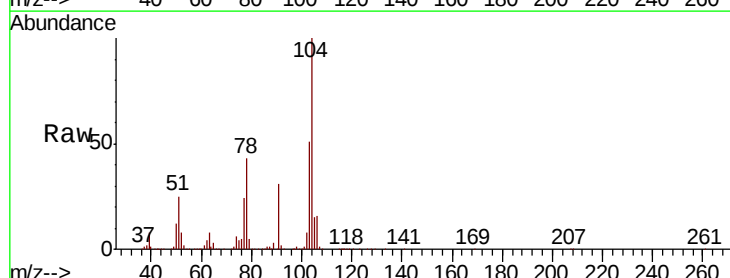
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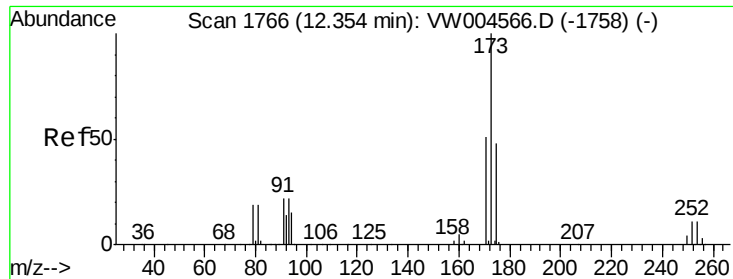
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#70
Styrene
Concen: 53.93 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW004701.D
Acq: 15 Aug 2018 17:17

Tgt Ion	Ion	Ratio	Lower	Upper
1158756	104	100		
	78	48.7	39.0	58.4
	103	55.2	44.2	66.2





#71

Bromoform

Concen: 48.23 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW004701.D

Acq: 15 Aug 2018 17:17

Instrument :

MSVOA_W

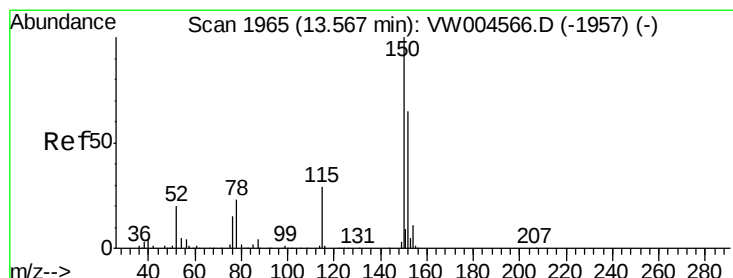
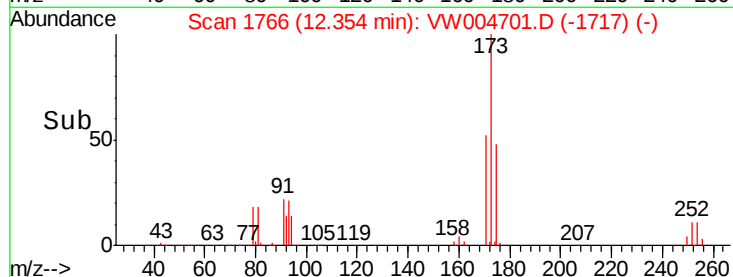
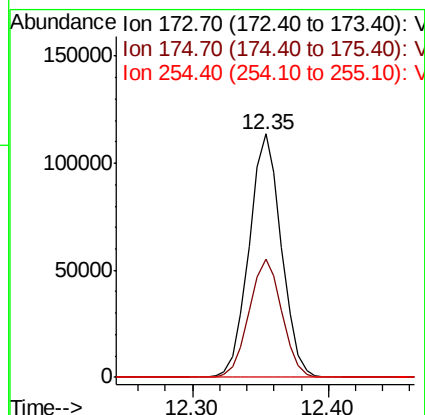
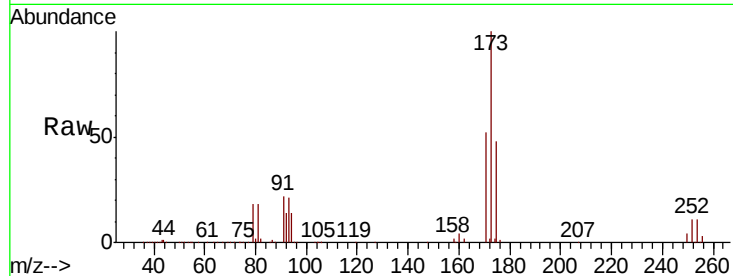
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.5	73.5
254	0.1	0.2	0.2

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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

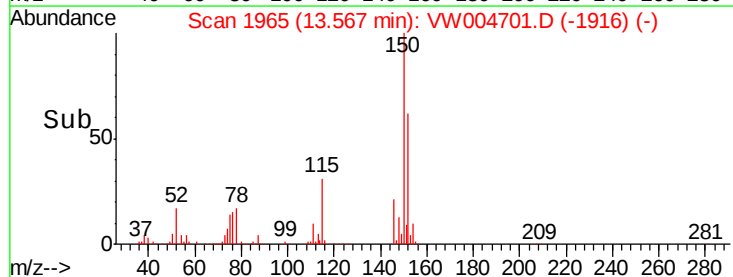
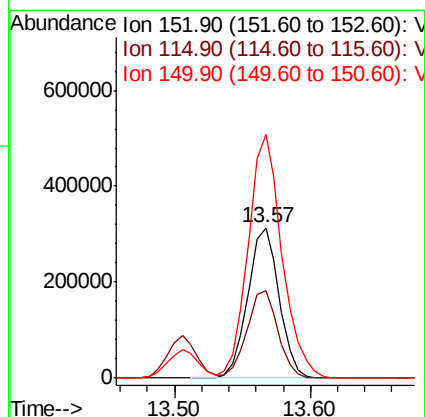
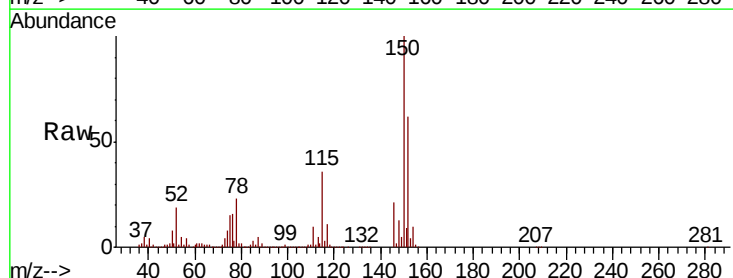
RT: 13.57 min Scan# 1965

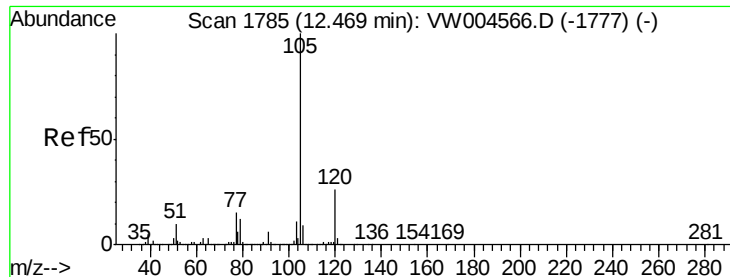
Delta R.T. 0.00 min

Lab File: VW004701.D

Acq: 15 Aug 2018 17:17

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.6	29.1	87.3
150	175.4	0.0	349.6





#73

Isopropylbenzene

Concen: 54.46 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW004701.D

Acq: 15 Aug 2018 17:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1899267

Ion Ratio Lower Upper

105 100

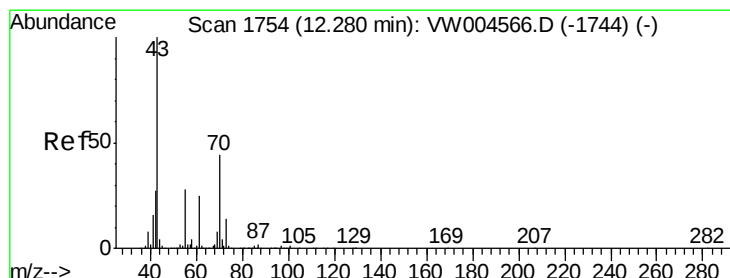
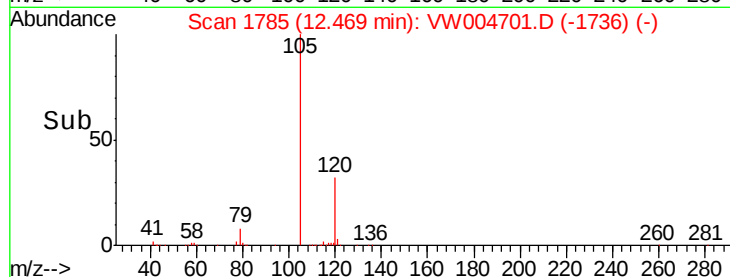
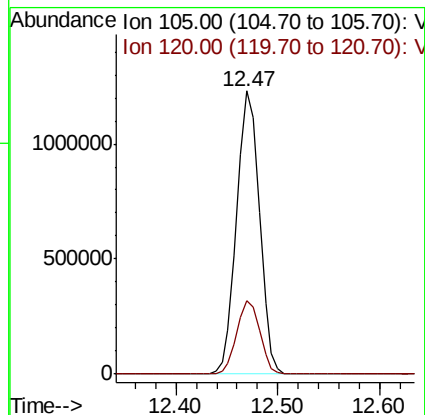
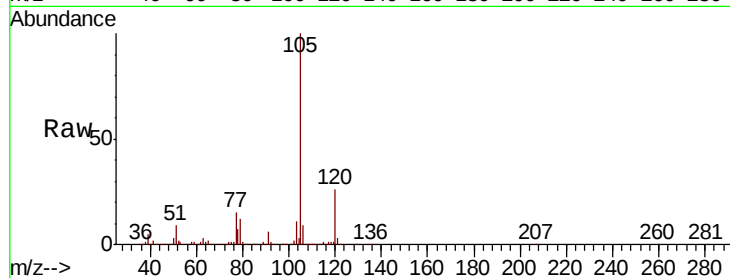
120 26.3 13.2 39.6

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#74

N-ethyl acetate

Concen: 45.63 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW004701.D

Acq: 15 Aug 2018 17:17

Tgt Ion: 43 Resp: 385819

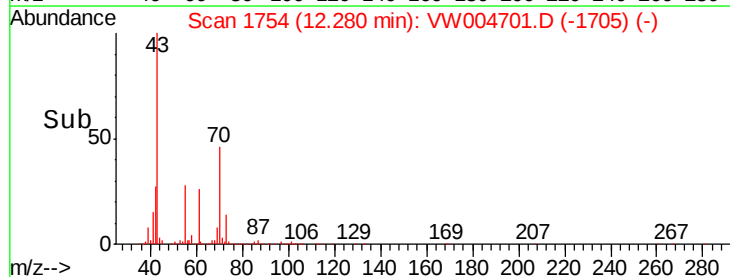
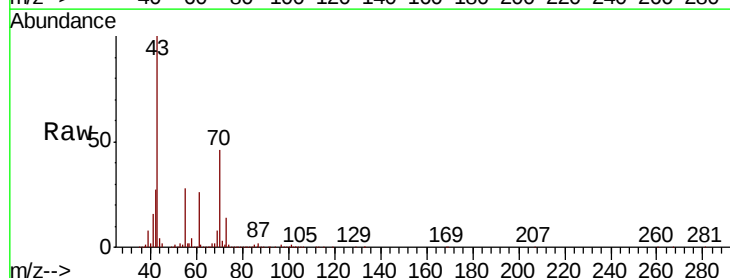
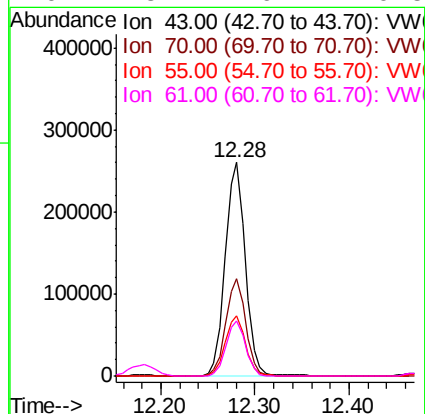
Ion Ratio Lower Upper

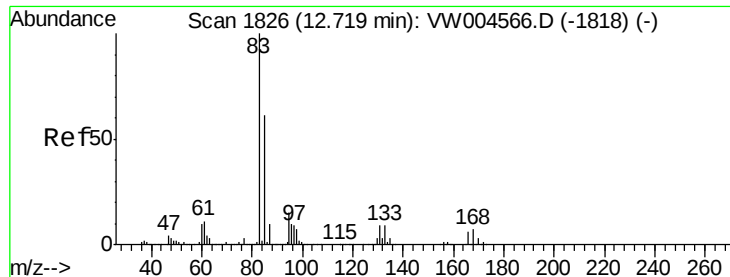
43 100

70 45.1 35.3 52.9

55 28.7 22.9 34.3

61 25.2 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 45.94 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW004701.D

Acq: 15 Aug 2018 17:17

Instrument :

MSVOA_W

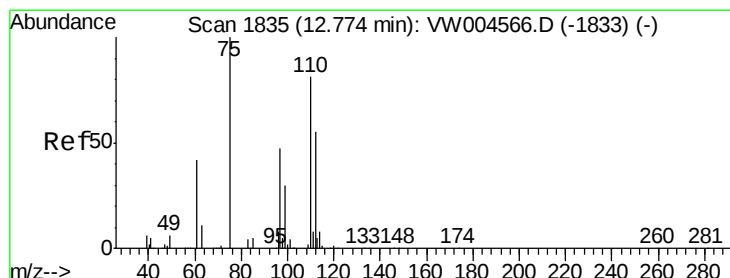
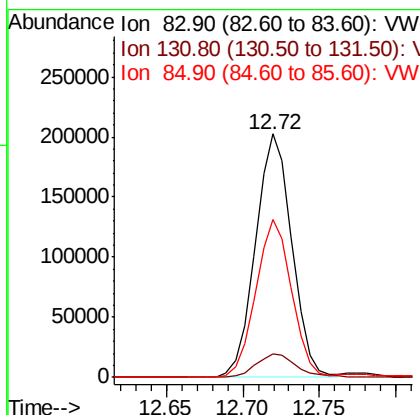
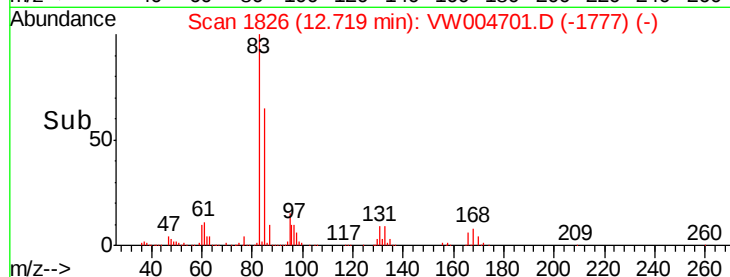
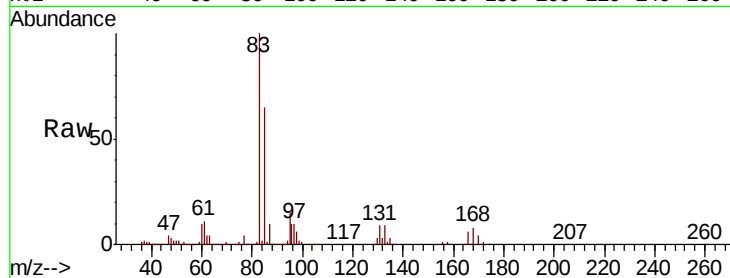
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	334403
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.0	15.0
85	64.1	31.8	95.4

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#76

1,2,3-Trichloropropane

Concen: 42.59 ug/l m

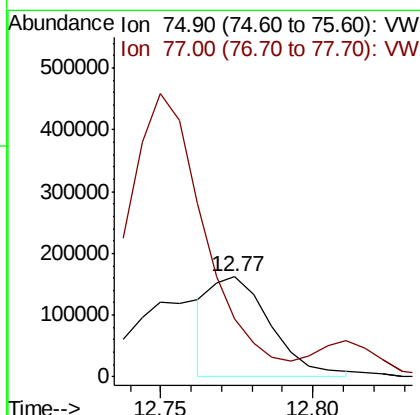
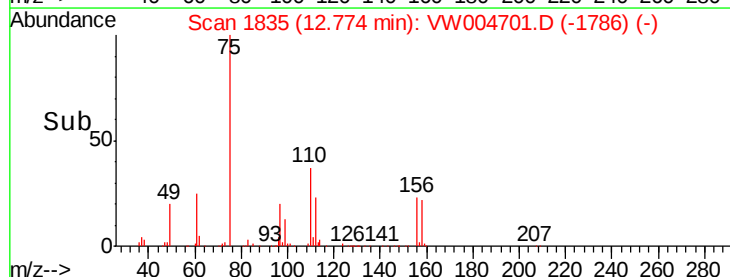
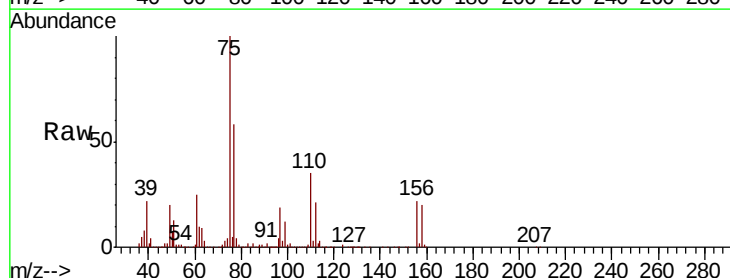
RT: 12.77 min Scan# 1835

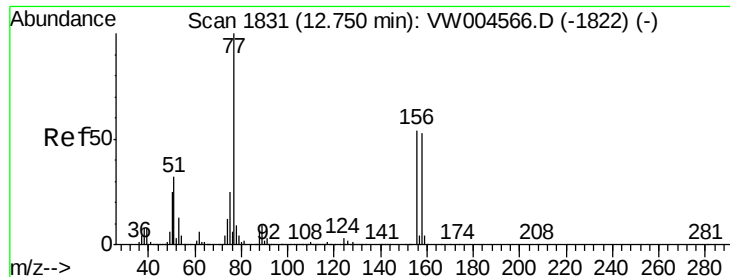
Delta R.T. 0.00 min

Lab File: VW004701.D

Acq: 15 Aug 2018 17:17

Tgt Ion:	75	Resp:	222170
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





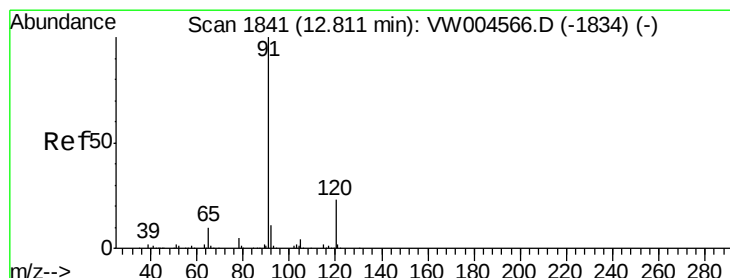
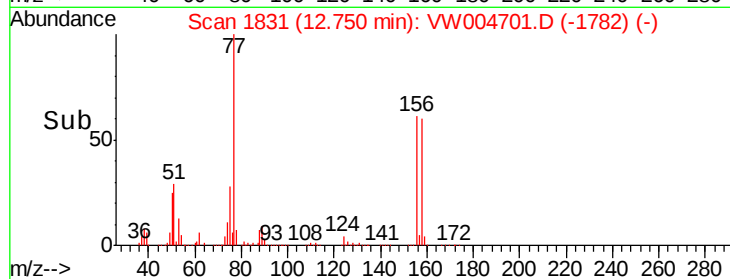
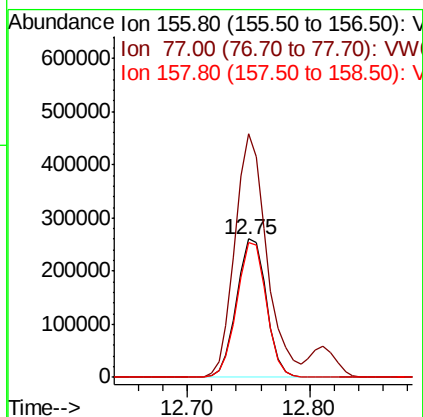
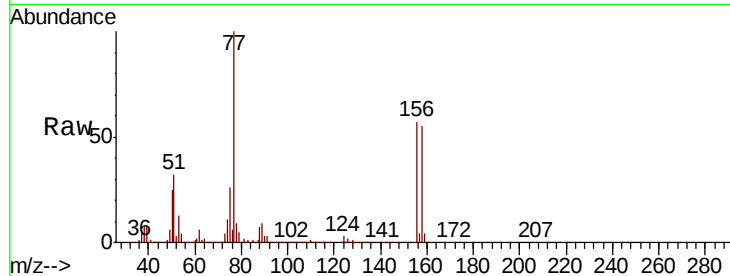
#77
Bromobenzene
Concen: 52.03 ug/l
RT: 12.75 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VW004701.D
Acq: 15 Aug 2018 17:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	188.4	98.7	296.1
158	96.4	48.7	146.1

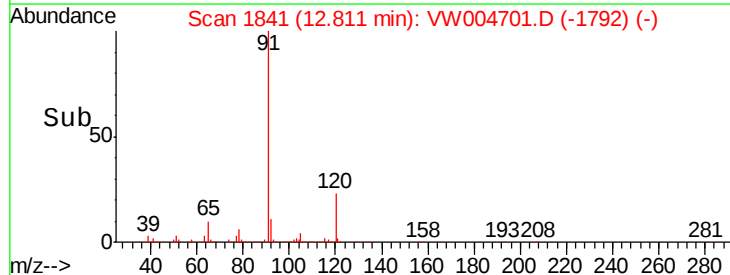
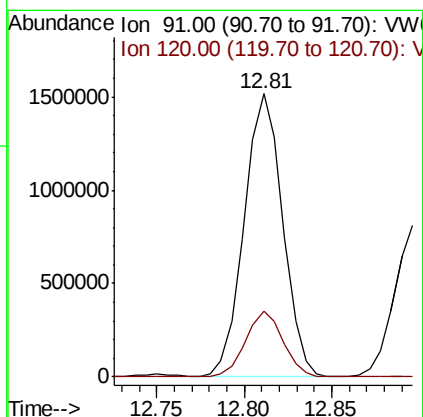
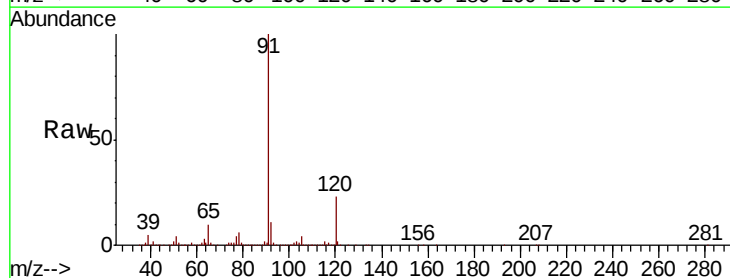
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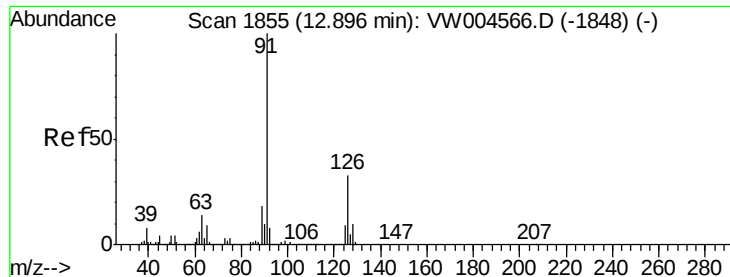
apatel
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#78
n-propylbenzene
Concen: 53.89 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VW004701.D
Acq: 15 Aug 2018 17:17

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.7	11.3	33.9





#79

2-Chlorotoluene

Concen: 52.48 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW004701.D

Acq: 15 Aug 2018 17:17

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 1306904

Ion Ratio Lower Upper

91 100

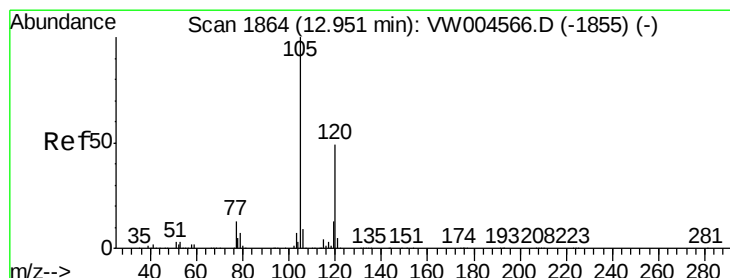
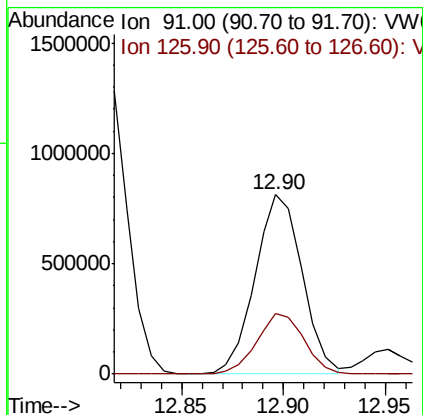
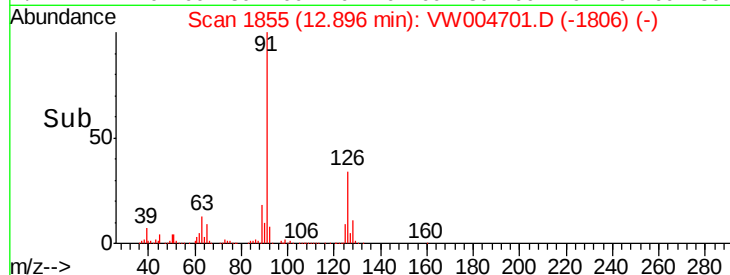
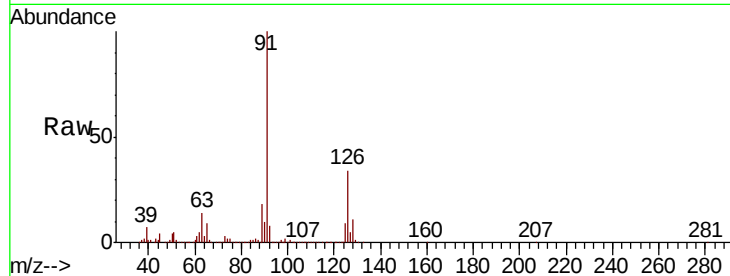
126 33.6 16.6 49.8

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#80

1,3,5-Trimethylbenzene

Concen: 54.28 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW004701.D

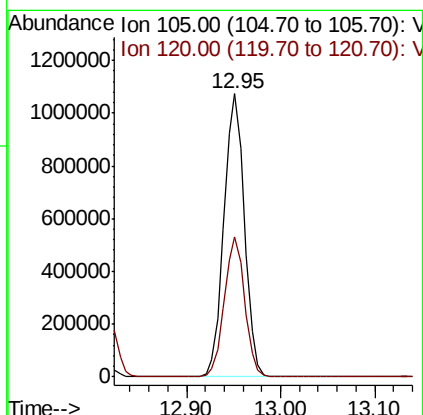
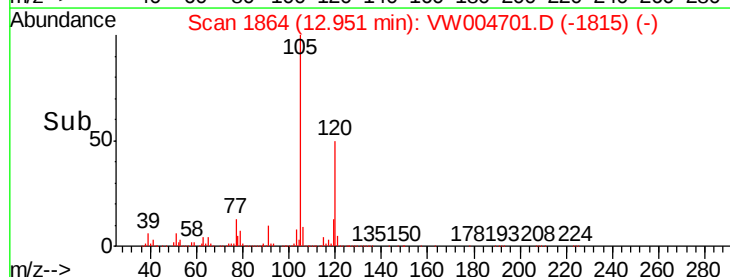
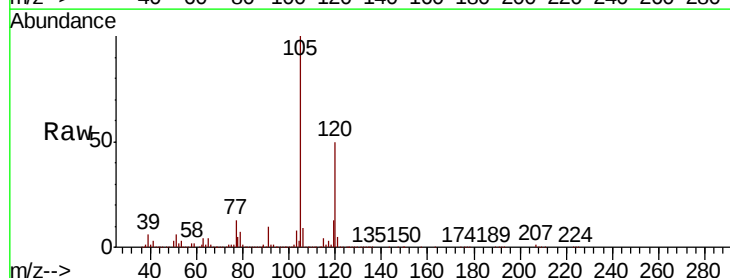
Acq: 15 Aug 2018 17:17

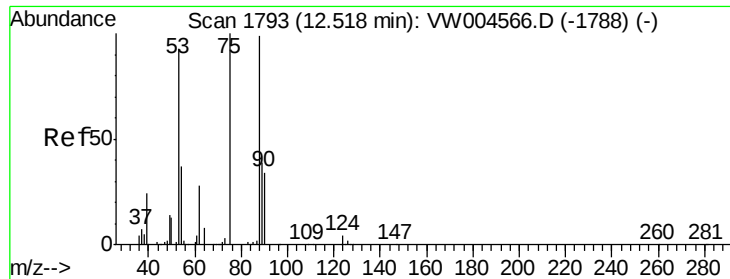
Tgt Ion:105 Resp: 1614608

Ion Ratio Lower Upper

105 100

120 49.1 24.6 73.8





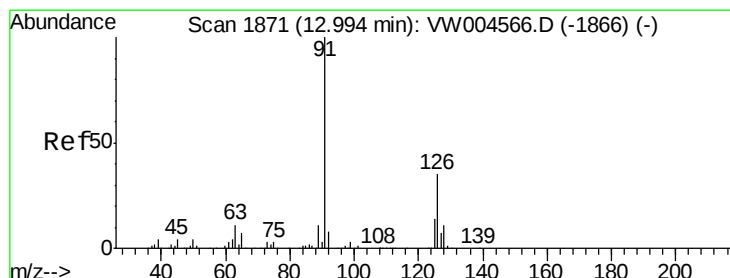
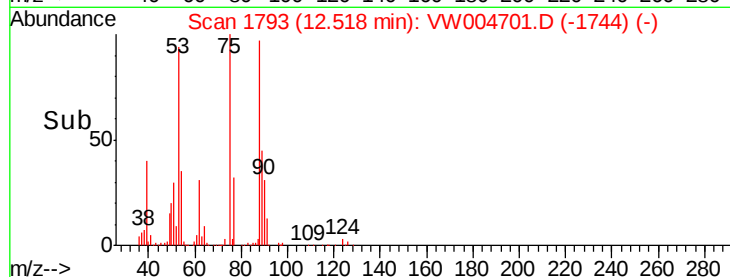
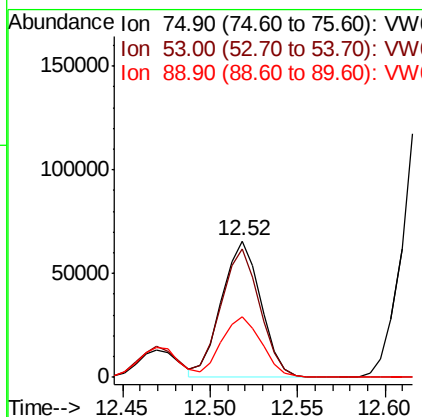
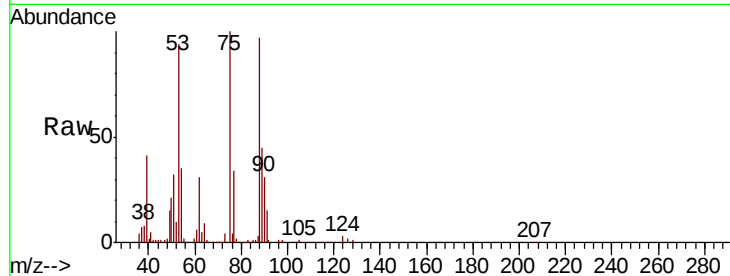
#81
trans-1,4-Dichloro-2-butene
Concen: 47.22 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VW004701.D
Acq: 15 Aug 2018 17:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.7	74.4	111.6
89	44.9	35.9	53.9

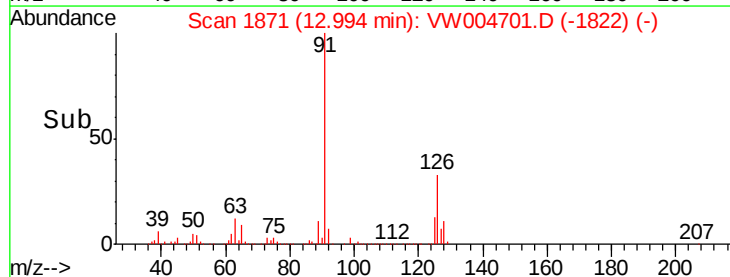
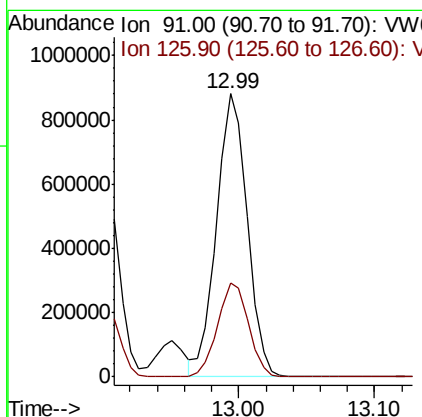
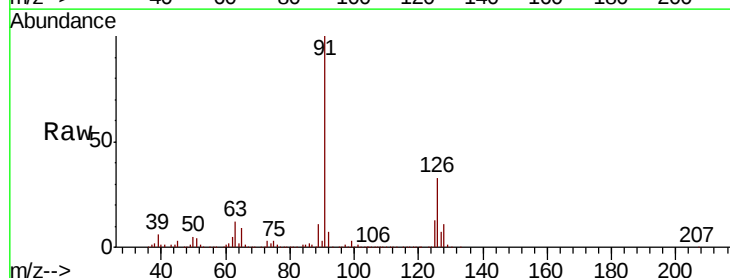
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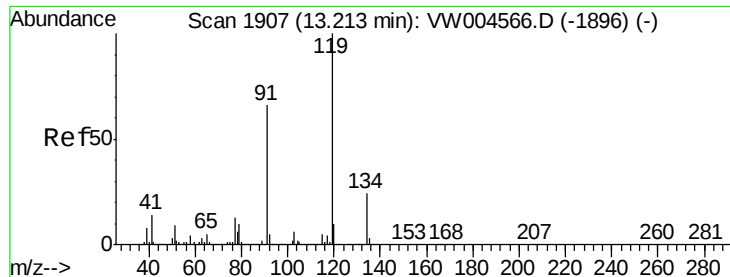
apatel
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#82
4-Chlorotoluene
Concen: 52.19 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. 0.00 min
Lab File: VW004701.D
Acq: 15 Aug 2018 17:17

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.5	16.5	49.5





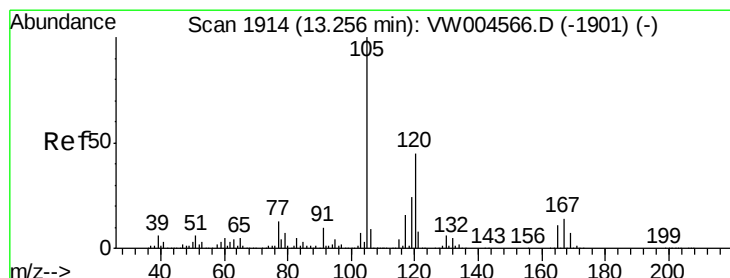
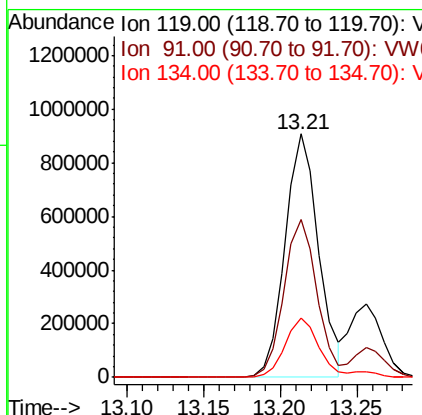
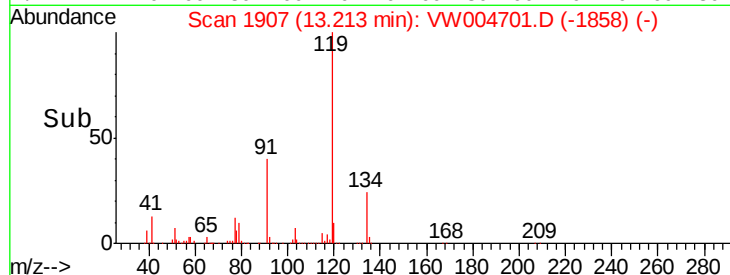
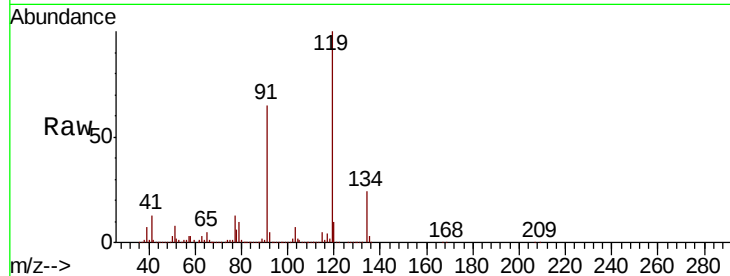
#83
 tert-Butylbenzene
 Concen: 55.21 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW004701.D
 Acq: 15 Aug 2018 17:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:119	Resp: 1377638
Ion Ratio	Lower Upper
119 100	
91 64.0	33.3 99.8
134 26.3	12.2 36.6

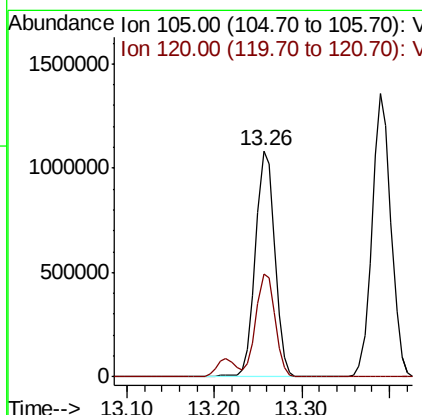
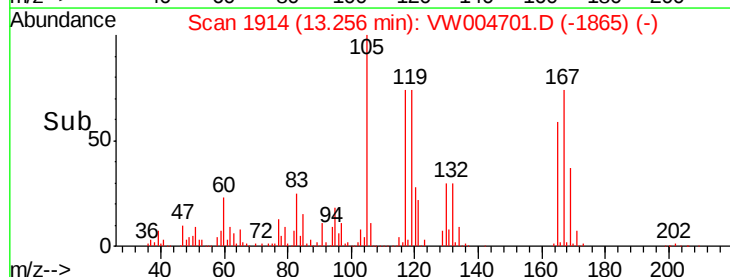
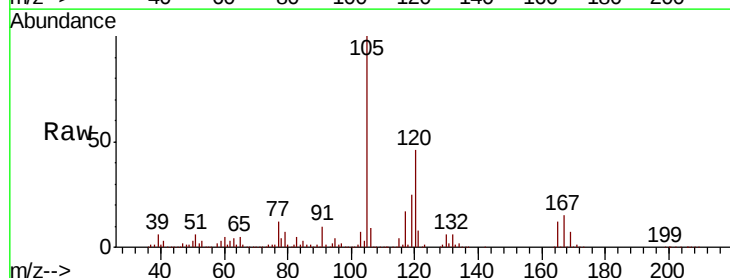
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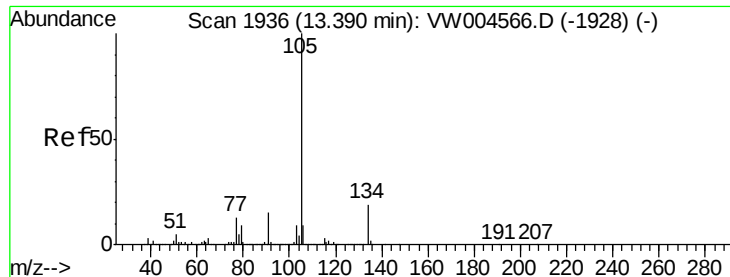
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#84
 1,2,4-Trimethylbenzene
 Concen: 54.09 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. 0.00 min
 Lab File: VW004701.D
 Acq: 15 Aug 2018 17:17

Tgt	Ion:105	Resp:	1665757
Ion	Ratio	Lower	Upper
105	100		
120	45.1	22.6	67.8





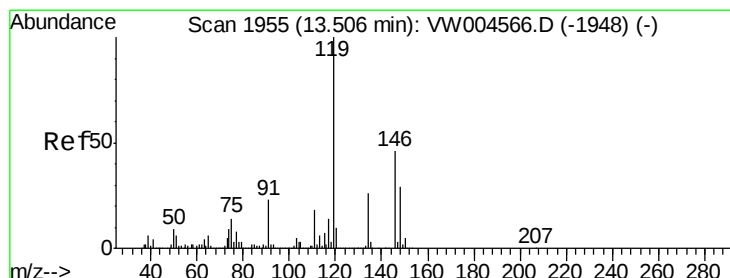
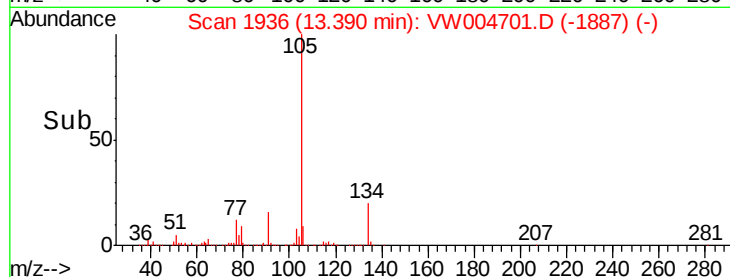
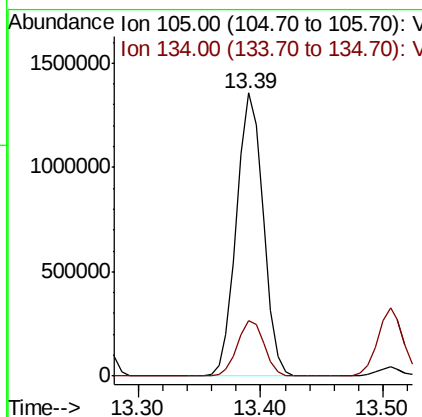
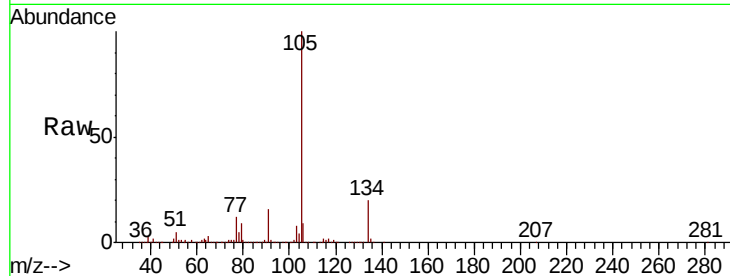
#85
 sec-Butylbenzene
 Concen: 54.30 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VW004701.D
 Acq: 15 Aug 2018 17:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:105 Resp: 2044053
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.5

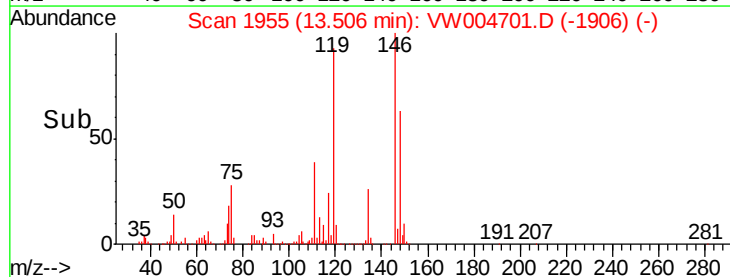
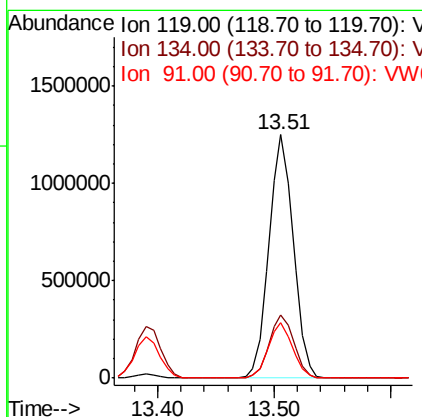
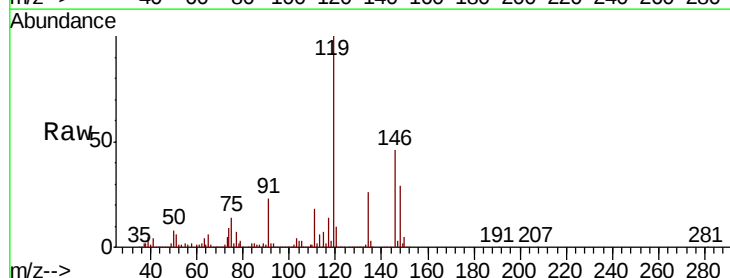
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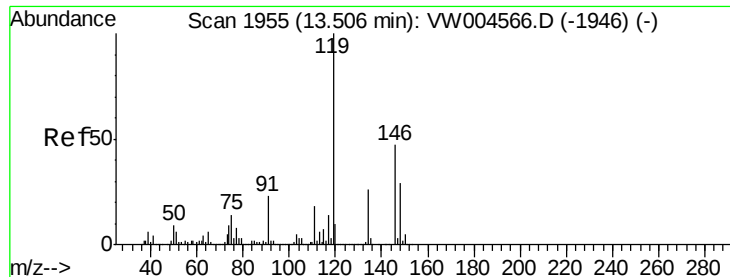
apatel
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#86
 p-Isopropyltoluene
 Concen: 55.26 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004701.D
 Acq: 15 Aug 2018 17:17

Tgt Ion:119 Resp: 1802410
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.1 39.1
 91 22.6 11.4 34.1





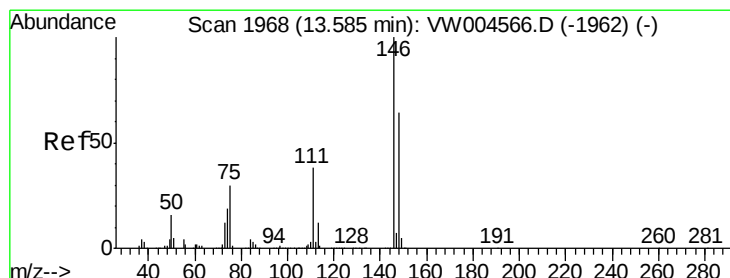
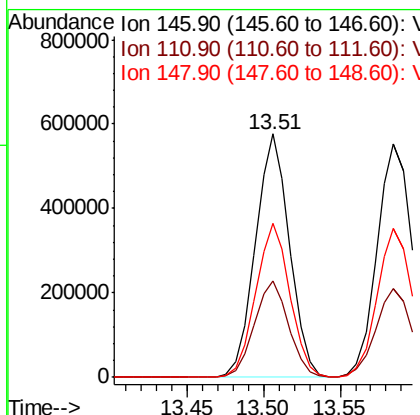
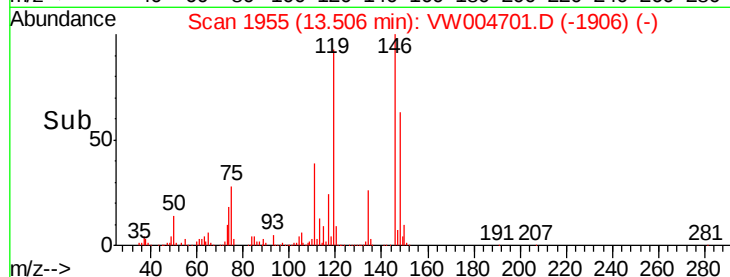
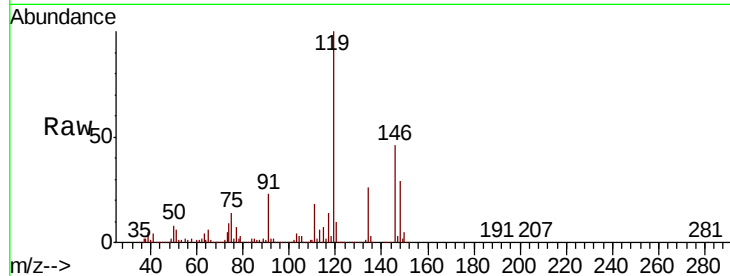
#87
 1,3-Dichlorobenzene
 Concen: 51.39 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004701.D
 Acq: 15 Aug 2018 17:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	893317		
111	39.5	20.0	59.9	
148	63.4	31.7	95.1	

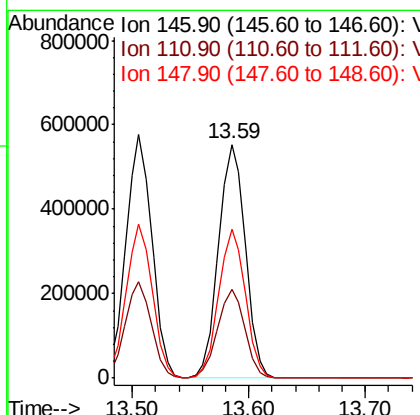
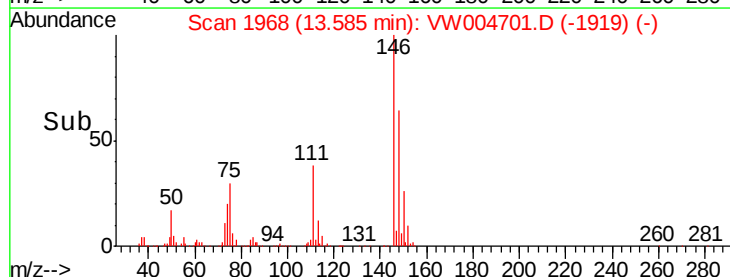
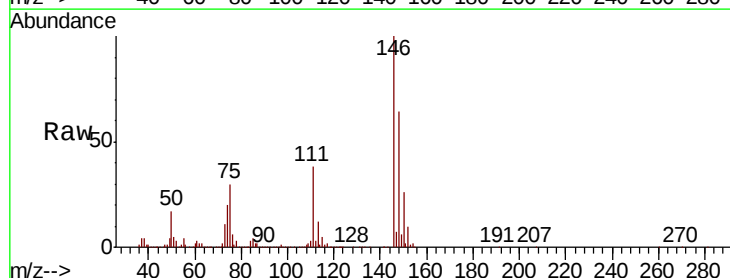
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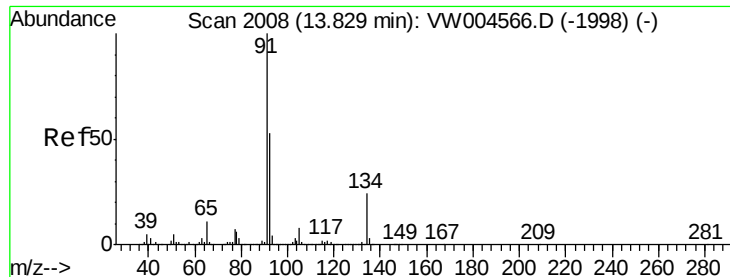
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 50.89 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW004701.D
 Acq: 15 Aug 2018 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	880682		
111	38.4	19.6	58.8	
148	63.1	31.9	95.5	





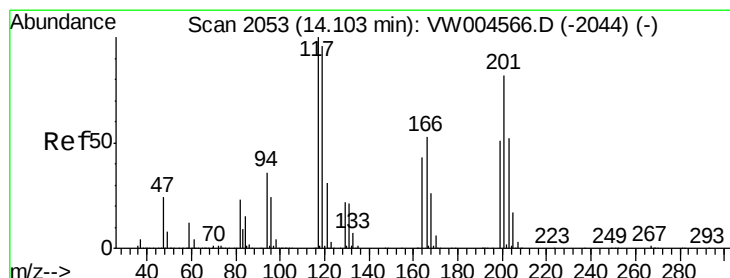
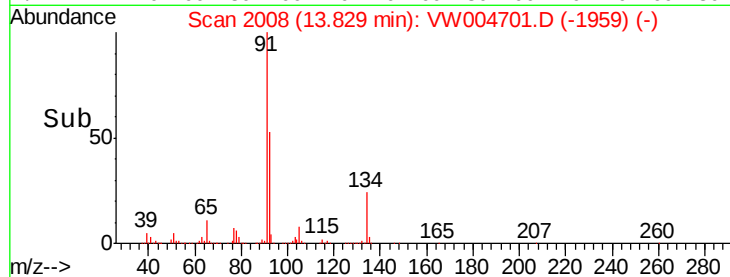
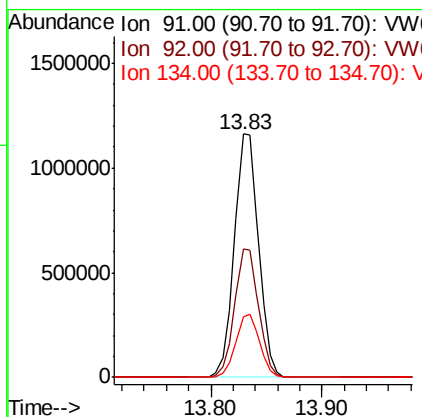
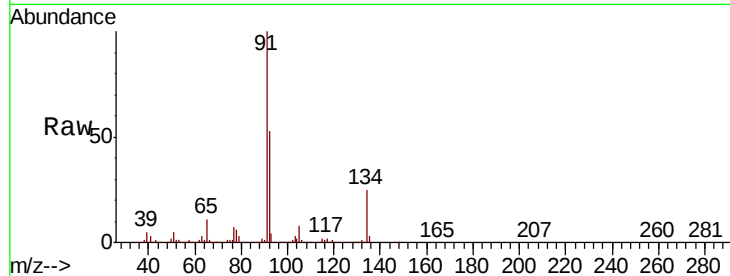
#89
n-Butylbenzene
Concen: 54.53 ug/l
RT: 13.83 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VW004701.D
Acq: 15 Aug 2018 17:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.4	79.0
134	25.5	12.4	37.2

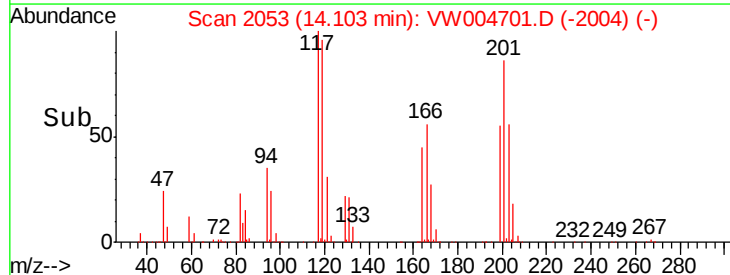
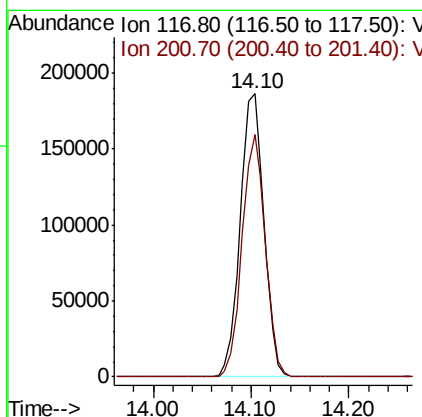
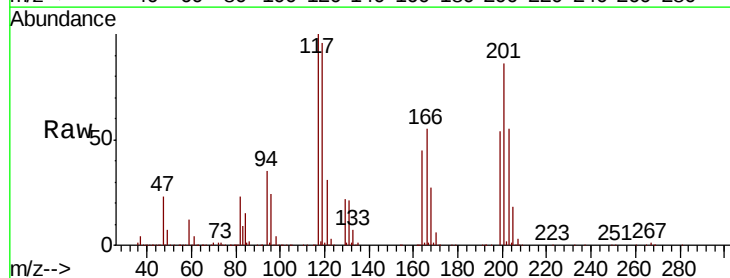
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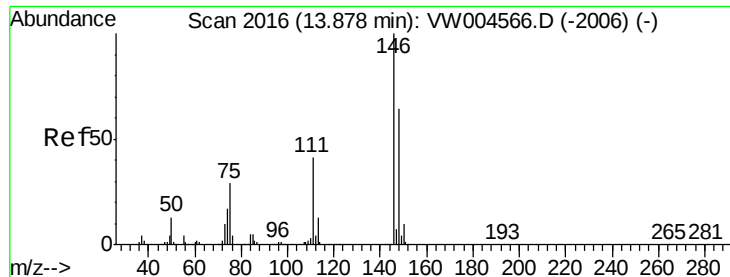
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#90
Hexachloroethane
Concen: 51.93 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VW004701.D
Acq: 15 Aug 2018 17:17

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.4	40.1	120.3





#91

1,2-Dichlorobenzene

Concen: 50.61 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. 0.00 min

Lab File: VW004701.D

Acq: 15 Aug 2018 17:17

Instrument :

MSVOA_W

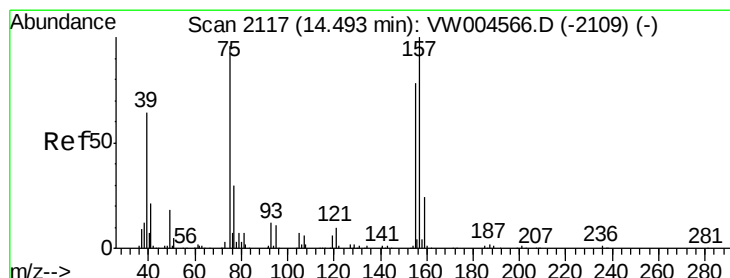
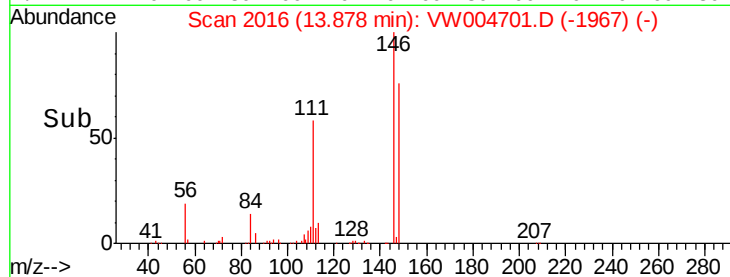
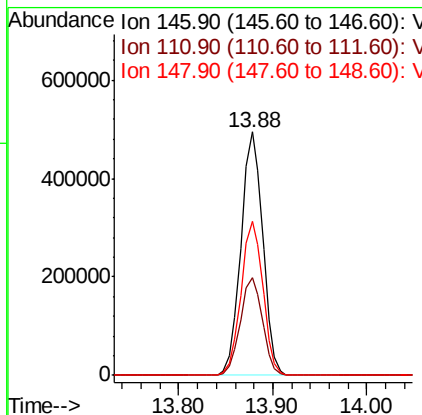
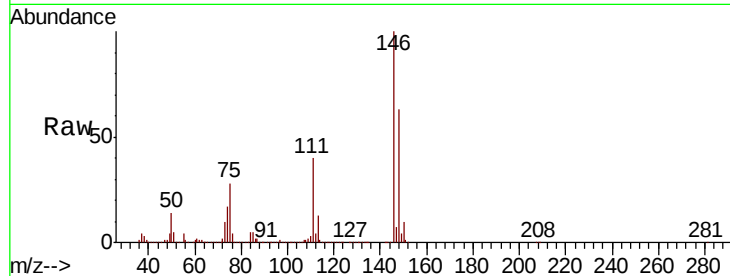
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	798219
Ion Ratio	Lower	Upper	
146	100		
111	40.7	20.8	62.2
148	63.4	31.8	95.4

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#92

1,2-Dibromo-3-Chloropropane

Concen: 43.92 ug/l

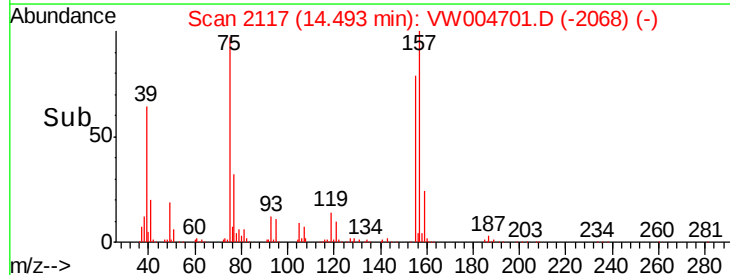
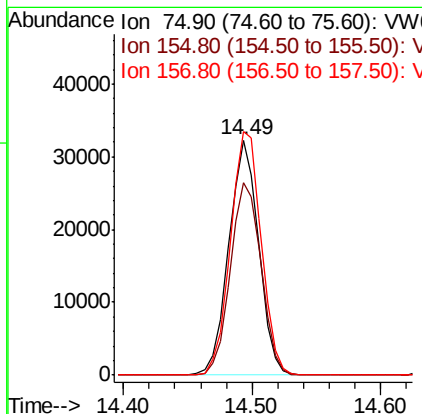
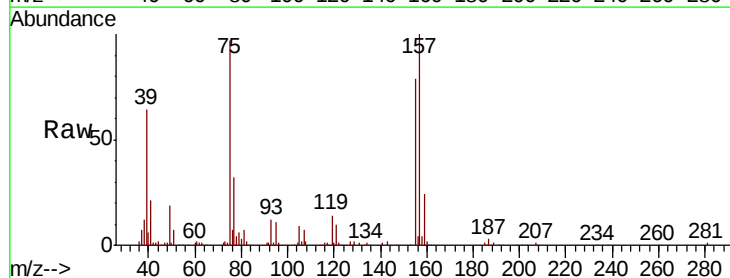
RT: 14.49 min Scan# 2117

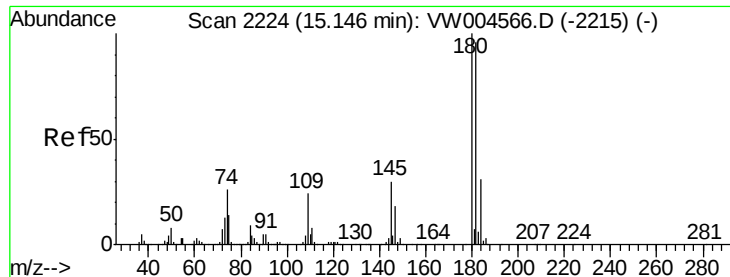
Delta R.T. 0.00 min

Lab File: VW004701.D

Acq: 15 Aug 2018 17:17

Tgt Ion:	75	Resp:	52248
Ion Ratio	Lower	Upper	
75	100		
155	84.0	41.3	123.7
157	106.6	52.6	157.8





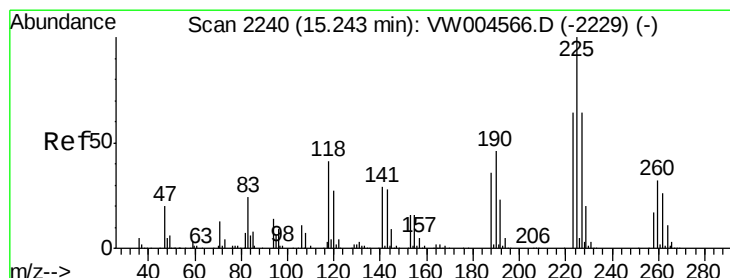
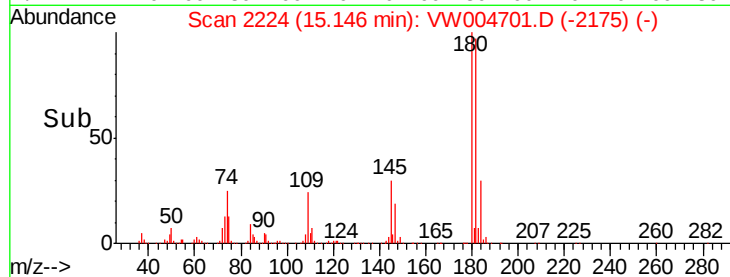
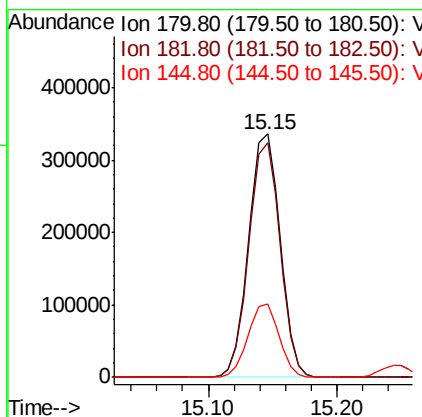
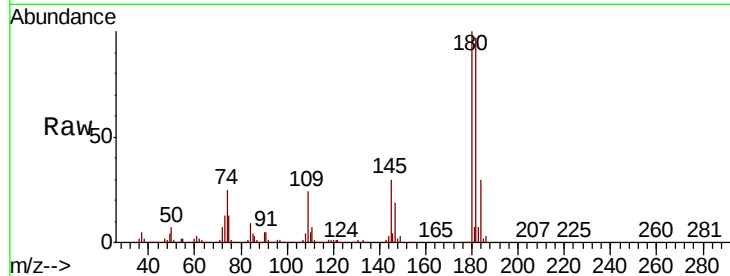
#93
 1,2,4-Trichlorobenzene
 Concen: 51.95 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW004701.D
 Acq: 15 Aug 2018 17:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	567299		
182	95.5	47.9	143.6	
145	29.6	14.9	44.9	

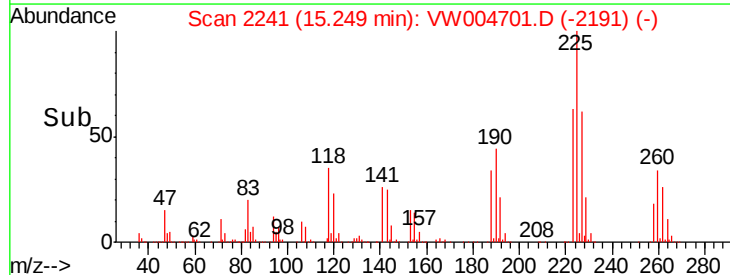
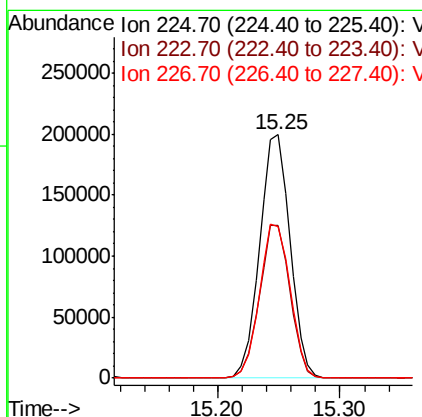
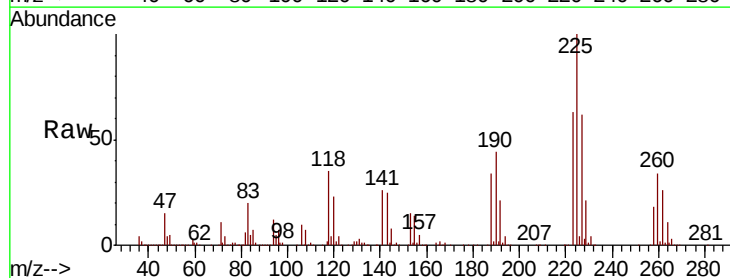
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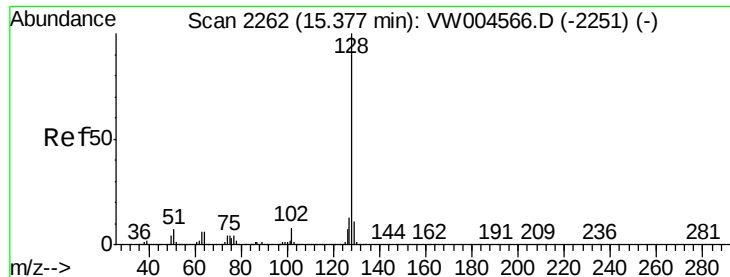
apatel
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#94
 Hexachlorobutadiene
 Concen: 54.37 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.01 min
 Lab File: VW004701.D
 Acq: 15 Aug 2018 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	345702		
223	63.2	31.3	93.8	
227	64.3	31.8	95.4	





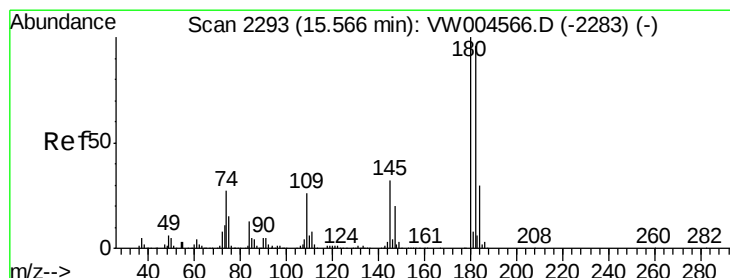
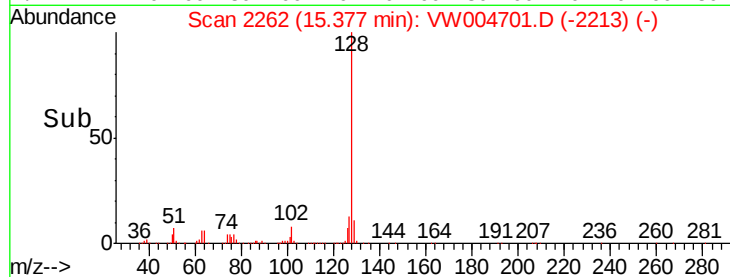
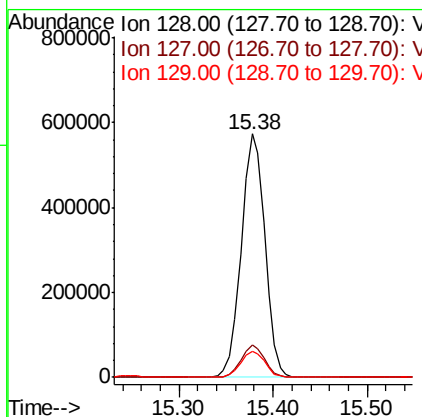
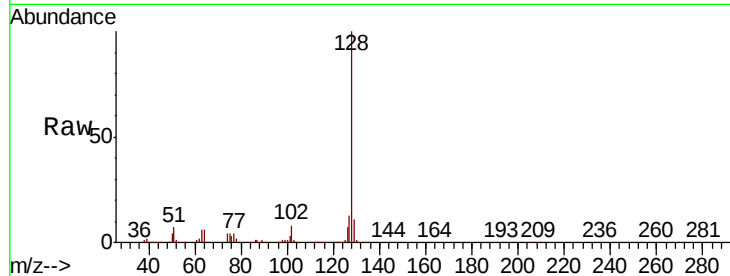
#95
Naphthalene
Concen: 44.85 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW004701.D
Acq: 15 Aug 2018 17:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:	128	Resp:	1003597
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.3	15.5
129	11.0	8.6	13.0

Manual Integrations
APPROVED

apatel
8/16/2018 10:01:24 AM



#96
1,2,3-Trichlorobenzene
Concen: 51.09 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW004701.D
Acq: 15 Aug 2018 17:17

Tgt Ion:	180	Resp:	501346
Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.0	141.2
145	31.6	15.9	47.6

