

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081718\
 Data File : VW004704.D
 Acq On : 15 Aug 2018 19:27
 Operator : SY/AP
 Sample : VW0817SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0817SBS01

Manual Integrations
 APPROVED

apatel
 8/16/2018 10:01:34 AM

Quant Time: Aug 16 05:13:15 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	648641	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1002130	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	951941	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	514188	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	336751	46.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.80%	
35) Dibromofluoromethane	7.88	113	333627	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	
50) Toluene-d8	10.33	98	1307258	51.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.64%	
62) 4-Bromofluorobenzene	12.62	95	479597	52.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.54%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.01	85	87930	19.75	ug/l	100
3) Chloromethane	2.21	50	115558	18.63	ug/l	97
4) Vinyl Chloride	2.37	62	177232	20.46	ug/l	98
5) Bromomethane	2.78	94	106086	21.03	ug/l	96
6) Chloroethane	2.92	64	105333	20.35	ug/l	99
7) Trichlorofluoromethane	3.25	101	74054	23.14	ug/l	99
8) Diethyl Ether	3.68	74	80438	19.87	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	144313	20.42	ug/l	97
10) Methyl Iodide	4.27	142	216388	20.41	ug/l	100
11) Tert butyl alcohol	5.20	59	38665	91.97	ug/l	98
12) 1,1-Dichloroethene	4.03	96	145807	20.50	ug/l	98
13) Acrolein	3.89	56	46780	90.81	ug/l	100
14) Allyl chloride	4.66	41	214063	20.03	ug/l	100
15) Acrylonitrile	5.37	53	171796	95.51	ug/l	98
16) Acetone	4.14	43	179012	99.83	ug/l	98
17) Carbon Disulfide	4.37	76	459217	20.09	ug/l	100
18) Methyl Acetate	4.67	43	81478	18.22	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	189526	19.53	ug/l	97
20) Methylene Chloride	4.91	84	192355	15.92	ug/l	100
21) trans-1,2-Dichloroethene	5.42	96	154011	20.09	ug/l	97
22) Diisopropyl ether	6.31	45	454232	20.68	ug/l	99
23) Vinyl Acetate	6.26	43	1252823	94.92	ug/l	99
24) 1,1-Dichloroethane	6.21	63	281503	20.02	ug/l	97
25) 2-Butanone	7.18	43	262479	91.00	ug/l	100
26) 2,2-Dichloropropane	7.17	77	154454	20.93	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	168949	20.49	ug/l	99
28) Bromochloromethane	7.51	49	117286	19.18	ug/l	96
29) Tetrahydrofuran	7.54	42	134865	90.44	ug/l	99
30) Chloroform	7.68	83	279242	20.22	ug/l	100
31) Cyclohexane	7.96	56	260136	19.34	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	215342	20.76	ug/l	99
36) 1,1-Dichloropropene	8.09	75	222740	20.64	ug/l	99
37) Ethyl Acetate	7.26	43	92646	18.33	ug/l	99
38) Carbon Tetrachloride	8.07	117	200448	20.64	ug/l	98

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 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)
39) Methylcyclohexane	9.34	83	264044	19.96	ug/l	97
40) Benzene	8.32	78	659079	20.80	ug/l	100
41) Methacrylonitrile	7.49	41	52095	18.46	ug/l	97
42) 1,2-Dichloroethane	8.40	62	174007	19.85	ug/l	99
43) Isopropyl Acetate	8.43	43	163195	18.53	ug/l	98
44) Trichloroethene	9.09	130	161880	20.79	ug/l	98
45) 1,2-Dichloropropane	9.37	63	162217	20.44	ug/l	99
46) Dibromomethane	9.46	93	80777	20.00	ug/l	97
47) Bromodichloromethane	9.65	83	192314	20.17	ug/l	99
48) Methyl methacrylate	9.44	41	77340	18.79	ug/l	99
49) 1,4-Dioxane	9.46	88	23970	388.94	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	578691	94.38	ug/l	99
52) Toluene	10.39	92	396992	21.25	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	187395	19.57	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	227312	20.37	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	114036	19.70	ug/l	99
56) Ethyl methacrylate	10.65	69	132761	19.15	ug/l	98
57) 1,3-Dichloropropane	10.94	76	201701	20.21	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	332976	96.16	ug/l	99
59) 2-Hexanone	10.98	43	386779	93.04	ug/l	99
60) Dibromochloromethane	11.13	129	126659	20.11	ug/l	100
61) 1,2-Dibromoethane	11.24	107	108692	19.98	ug/l	98
64) Tetrachloroethene	10.87	164	139869	21.06	ug/l	97
65) Chlorobenzene	11.66	112	437130	20.84	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	147709	20.68	ug/l	99
67) Ethyl Benzene	11.74	91	739001	20.78	ug/l	97
68) m/p-Xylenes	11.84	106	587956	42.78	ug/l	98
69) o-Xylene	12.17	106	265181	20.80	ug/l	99
70) Styrene	12.19	104	456110	21.18	ug/l	100
71) Bromoform	12.35	173	77344	19.70	ug/l	100
73) Isopropylbenzene	12.47	105	735971	20.69	ug/l	100
74) N-amyl acetate	12.28	43	156319	18.13	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	143174	19.28	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	92615m	17.41	ug/l	
77) Bromobenzene	12.75	156	181099	21.05	ug/l	96
78) n-propylbenzene	12.81	91	922125	21.01	ug/l	100
79) 2-Chlorotoluene	12.90	91	527265	20.76	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	642423	21.17	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	39619	17.83	ug/l	95
82) 4-Chlorotoluene	12.99	91	566514	21.02	ug/l	100
83) tert-Butylbenzene	13.21	119	529235	20.80	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	662803	21.10	ug/l	99
85) sec-Butylbenzene	13.39	105	806822	21.02	ug/l	100
86) p-Isopropyltoluene	13.51	119	705668	21.21	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	368095	20.76	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	365441	20.70	ug/l	99
89) n-Butylbenzene	13.83	91	668160	20.44	ug/l	99
90) Hexachloroethane	14.10	117	123854	20.12	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	334246	20.78	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	22493	18.54	ug/l	99

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	231643	20.80	ug/l	100
94) Hexachlorobutadiene	15.24	225	138962	21.43	ug/l	100
95) Naphthalene	15.38	128	396541	19.16	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	208502	20.83	ug/l	98

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

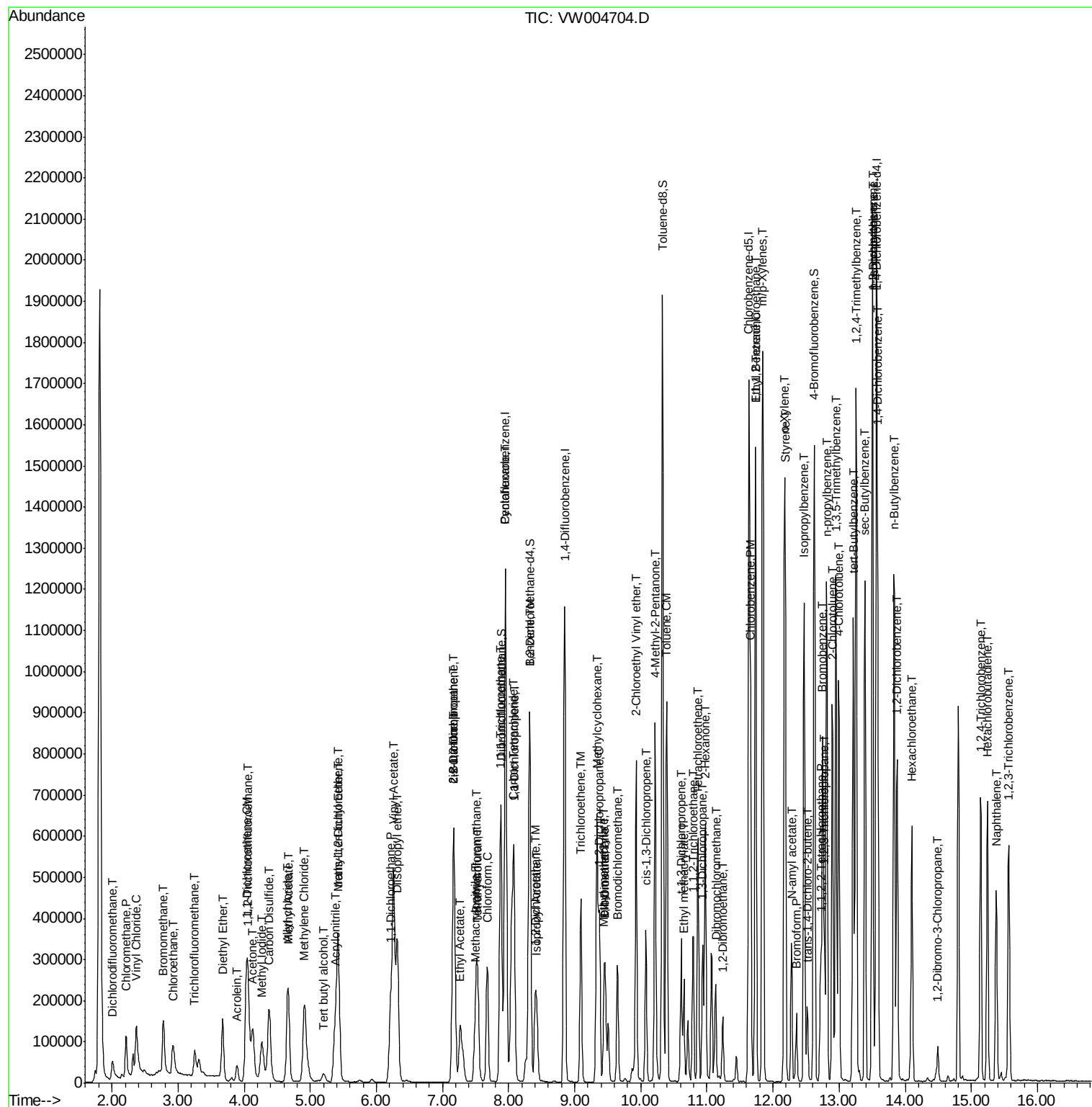
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Data File : VW004704.D
Acq On : 15 Aug 2018 19:27
Operator : SY/AP
Sample : VW0817SBSD01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 8 Sample Multiplier: 1

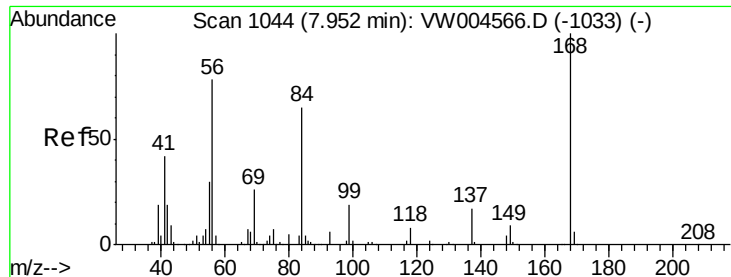
Instrument :
MSVOA_W
ClientSampleId :
VW0817SBSD01

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004704.D

Acq: 15 Aug 2018 19:27

Instrument :

MSVOA_W

ClientSampleId :

VW0817SBSD01

Tot Ion:168 Resp: 648641

Ion Ratio Lower Upper

168 100

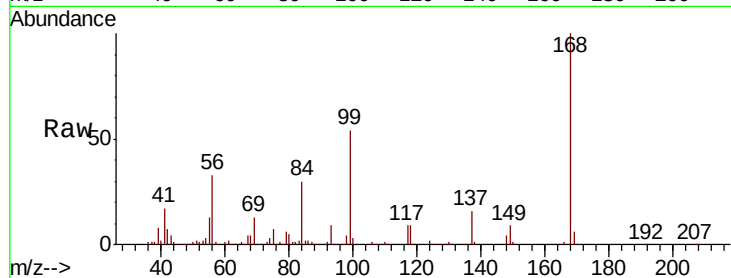
99 53.7 44.1 66.1

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

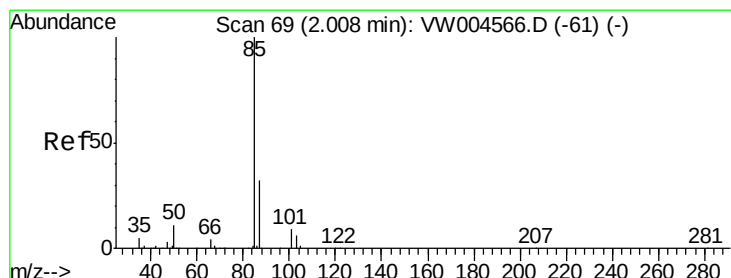
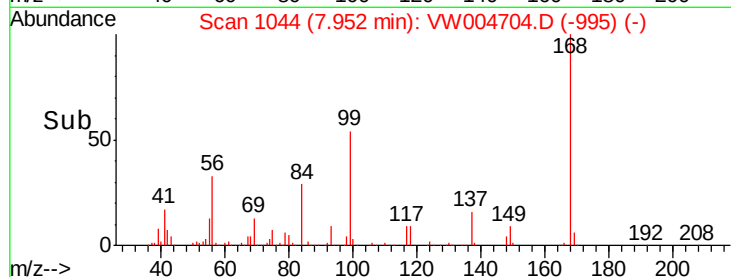
300000

200000

100000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 19.75 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.00 min

Lab File: VW004704.D

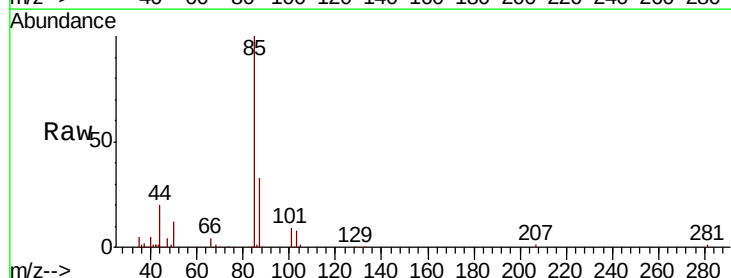
Acq: 15 Aug 2018 19:27

Tgt Ion: 85 Resp: 87930

Ion Ratio Lower Upper

85 100

87 33.2 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

25000

20000

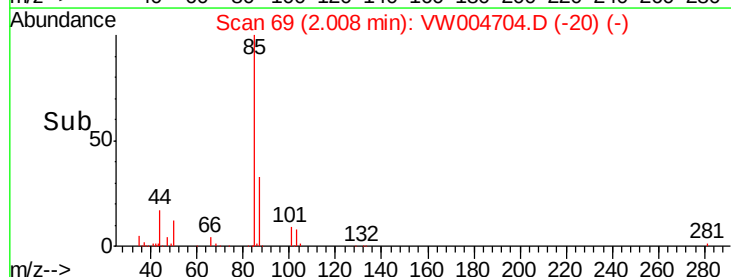
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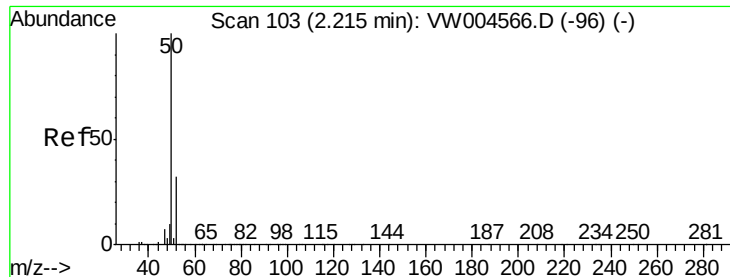
10000

5000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 18.63 ug/l

RT: 2.21 min Scan# 102

Delta R.T. -0.01 min

Lab File: VW004704.D

Acq: 15 Aug 2018 19:27

Instrument :

MSVOA_W

ClientSampleId :

VW0817SBS01

Tot Ion: 50 Resp: 115558

Ion Ratio Lower Upper

50 100

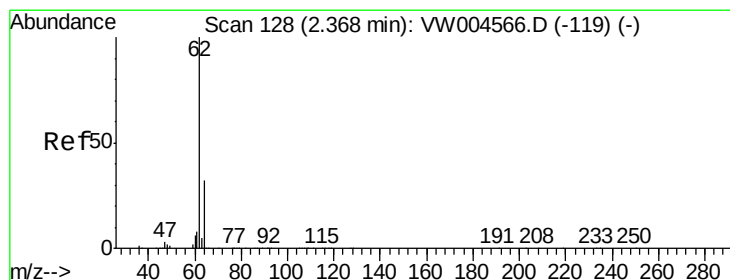
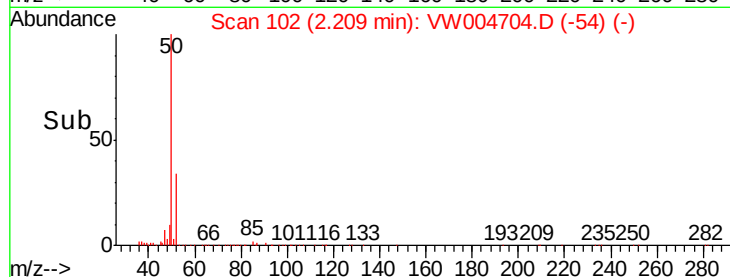
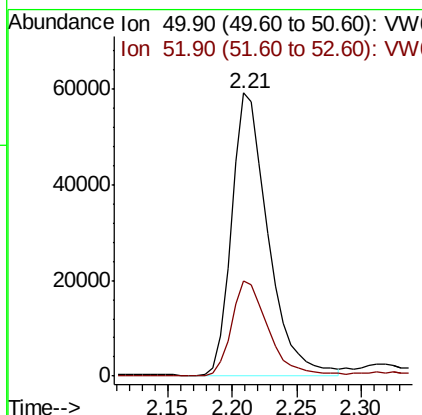
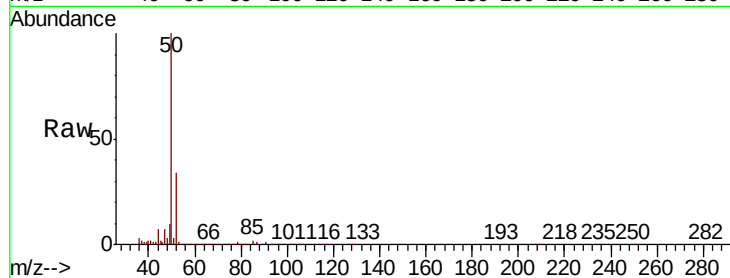
52 33.8 25.8 38.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.46 ug/l

RT: 2.37 min Scan# 128

Delta R.T. 0.00 min

Lab File: VW004704.D

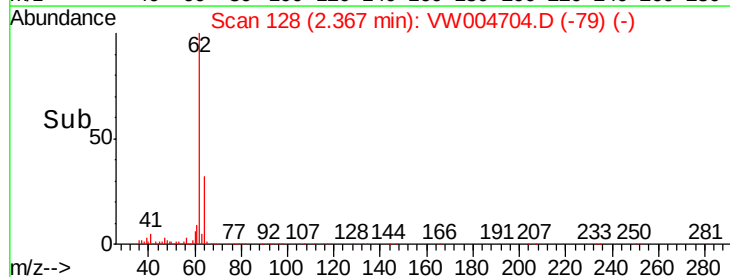
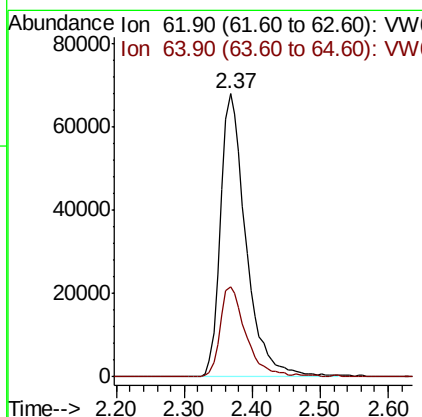
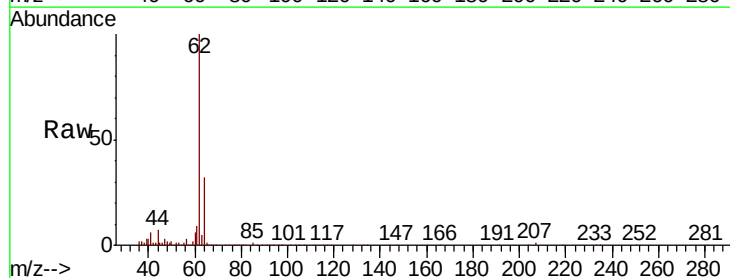
Acq: 15 Aug 2018 19:27

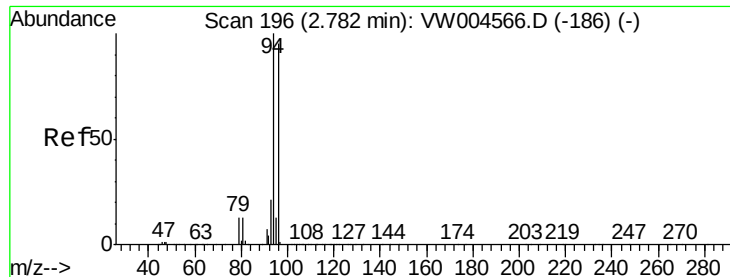
Tgt Ion: 62 Resp: 177232

Ion Ratio Lower Upper

62 100

64 31.5 26.2 39.2





#5

Bromomethane

Concen: 21.03 ug/l

RT: 2.78 min Scan# 195

Delta R.T. -0.01 min

Lab File: VW004704.D

Acq: 15 Aug 2018 19:27

Instrument :

MSVOA_W

ClientSampleId :

VW0817SBSD01

Tot Ion: 94 Resp: 106086

Ion Ratio Lower Upper

94 100

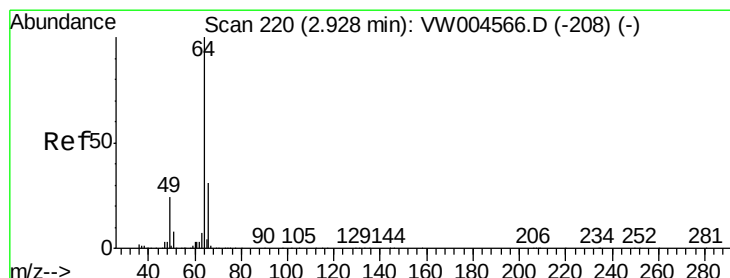
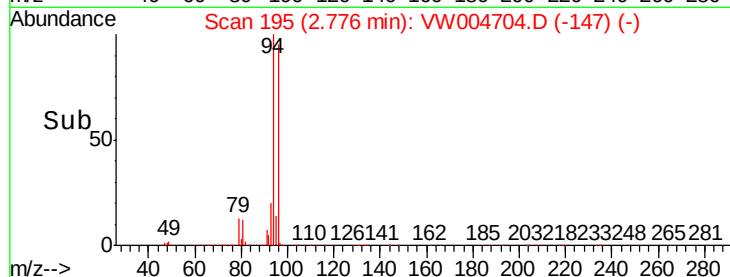
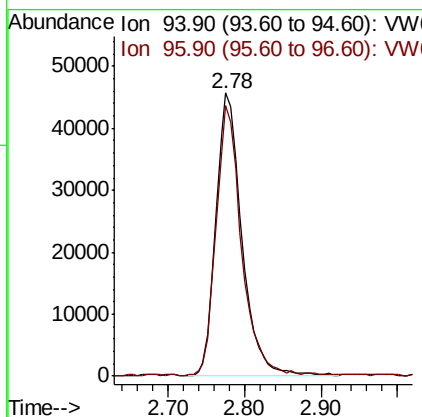
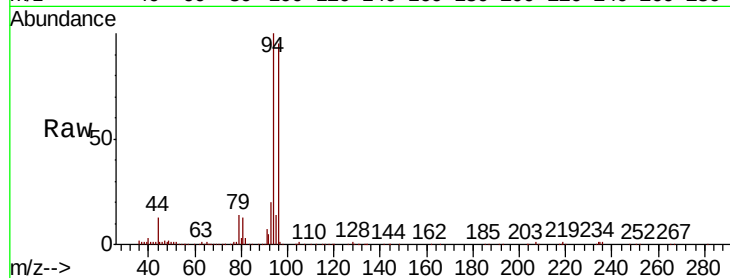
96 95.4 72.9 109.3

Manual Integrations

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#6

Chloroethane

Concen: 20.35 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW004704.D

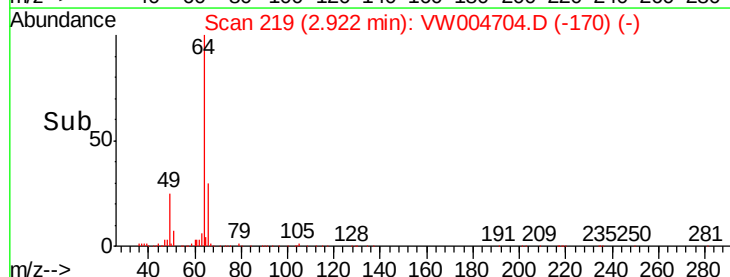
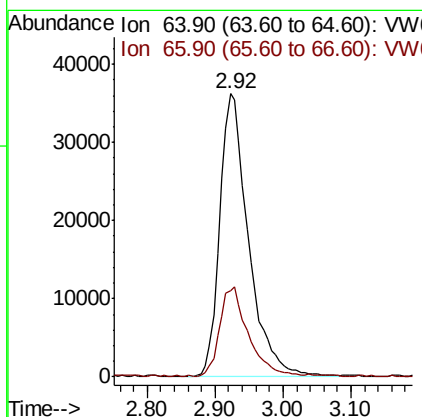
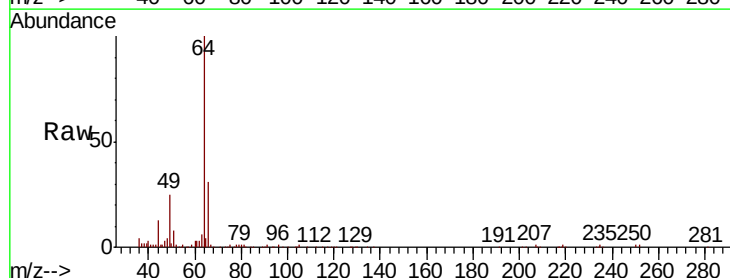
Acq: 15 Aug 2018 19:27

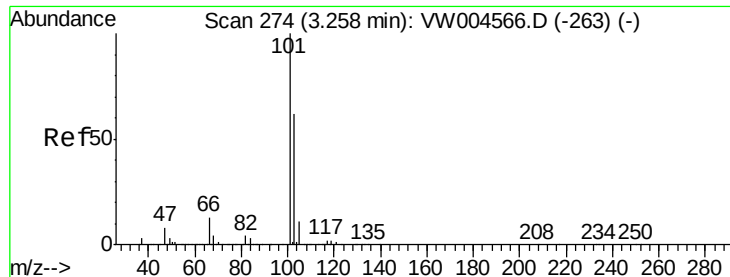
Tgt Ion: 64 Resp: 105333

Ion Ratio Lower Upper

64 100

66 30.3 24.6 36.8





#7

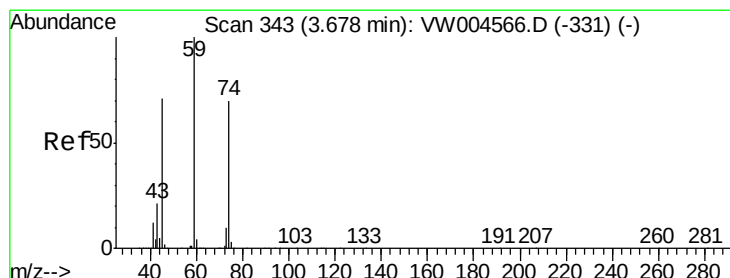
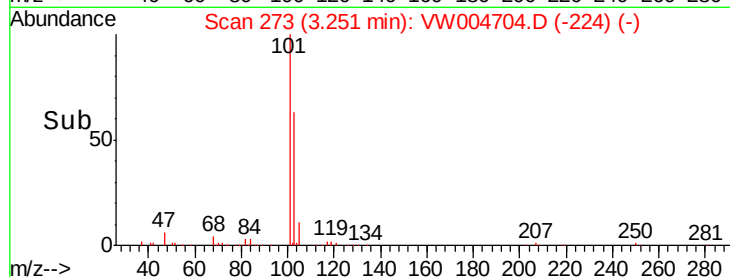
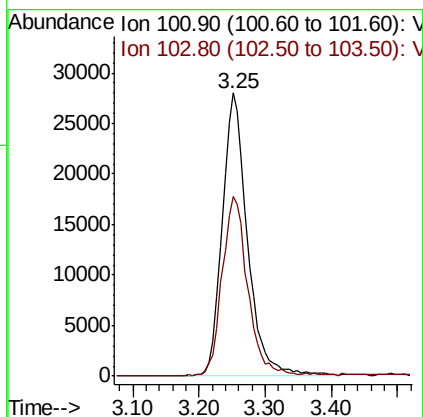
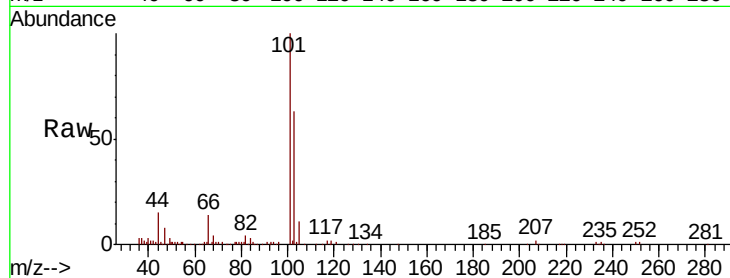
Trichlorofluoromethane
Concen: 23.14 ug/l
RT: 3.25 min Scan# 273
Delta R.T. 0.00 min
Lab File: VW004704.D
Acq: 15 Aug 2018 19:27

Instrument :
MSVOA_W
ClientSampleId :
VW0817SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.1	49.8	74.8

Manual Integrations
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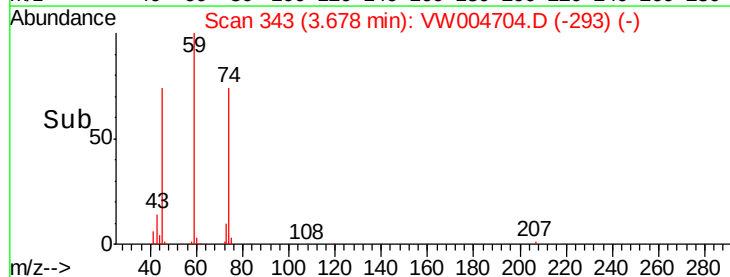
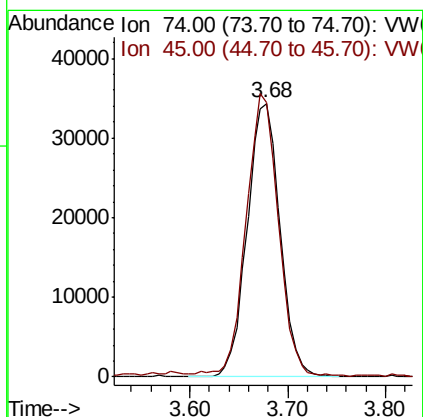
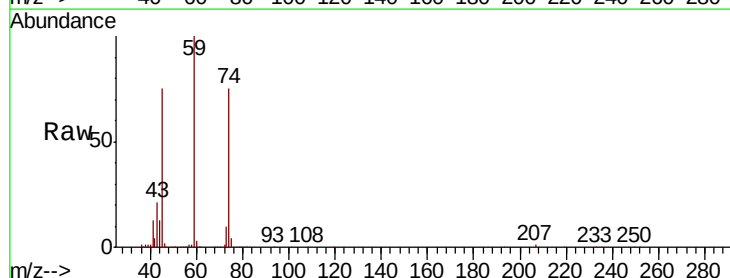
apatel
8/16/2018 10:01:34 AM

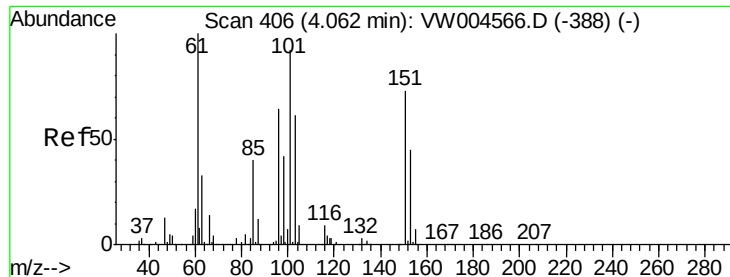


#8

Diethyl Ether
Concen: 19.87 ug/l
RT: 3.68 min Scan# 343
Delta R.T. 0.01 min
Lab File: VW004704.D
Acq: 15 Aug 2018 19:27

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.5	51.2	153.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.42 ug/l

RT: 4.06 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW004704.D

Acq: 15 Aug 2018 19:27

Instrument :

MSVOA_W

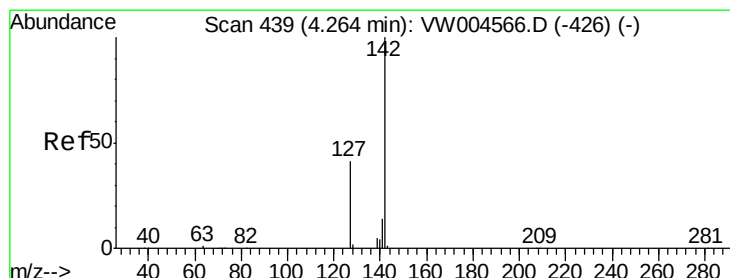
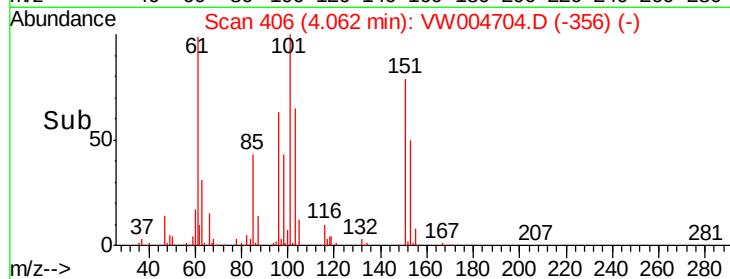
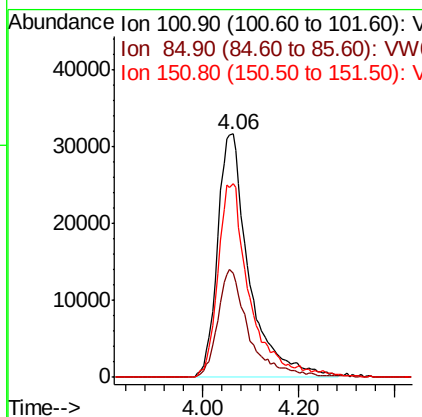
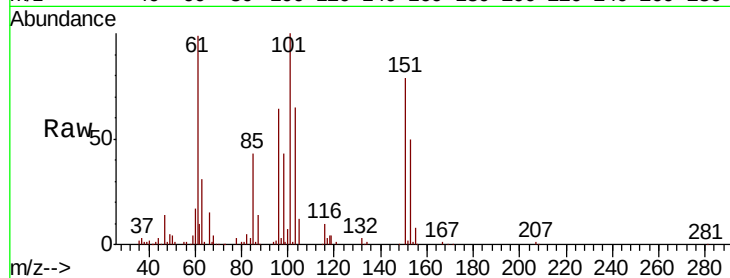
ClientSampleId :

VW0817SBSD01

Tot Ion:	101	Resp:	144313
Ion Ratio	Lower	Upper	
101	100		
85	43.0	34.6	51.8
151	80.6	61.3	91.9

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#10

Methyl Iodide

Concen: 20.41 ug/l

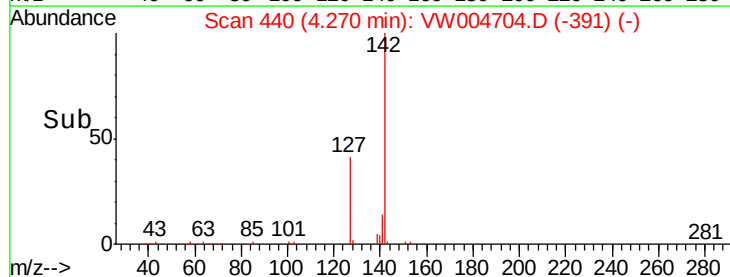
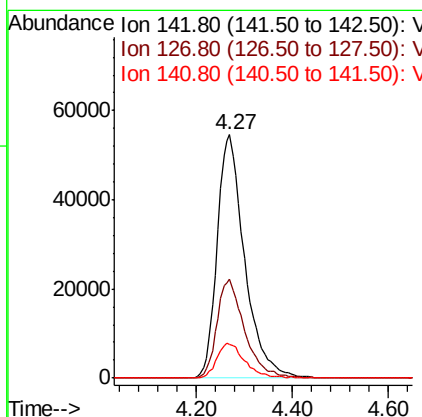
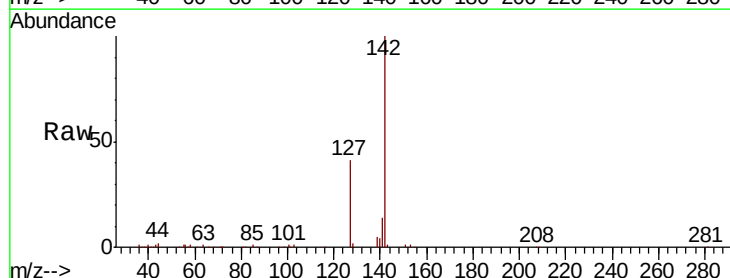
RT: 4.27 min Scan# 440

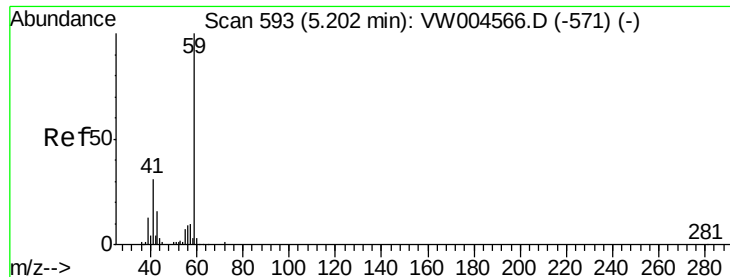
Delta R.T. 0.00 min

Lab File: VW004704.D

Acq: 15 Aug 2018 19:27

Tgt Ion:	142	Resp:	216388
Ion Ratio	Lower	Upper	
142	100		
127	40.8	32.7	49.1
141	14.6	11.5	17.3





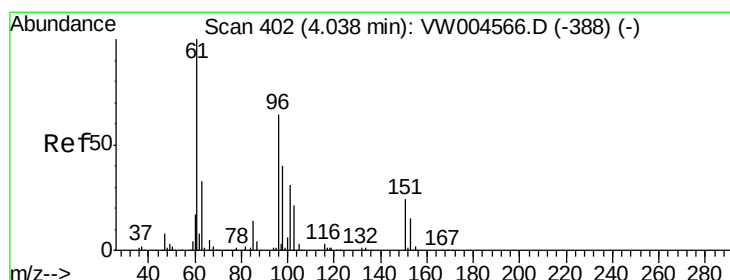
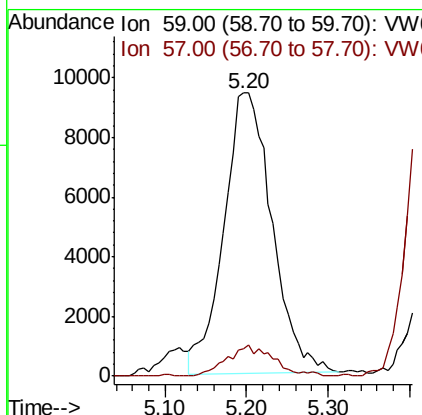
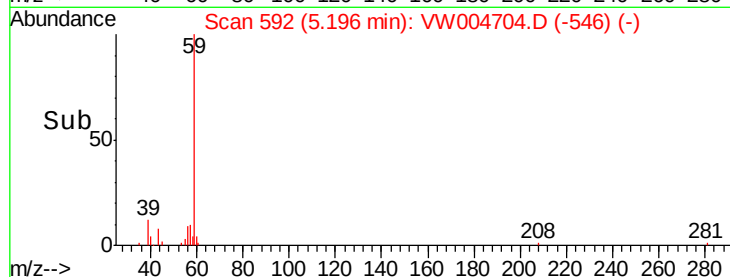
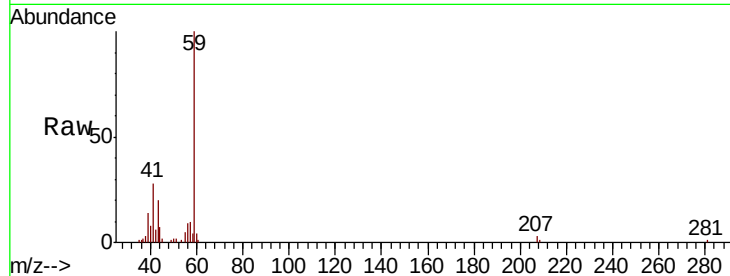
#11
Tert butyl alcohol
Concen: 91.97 ug/l
RT: 5.20 min Scan# 592
Delta R.T. -0.02 min
Lab File: VW004704.D
Acq: 15 Aug 2018 19:27

Instrument :
MSVOA_W
ClientSampleId :
VW0817SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	9.1	13.7

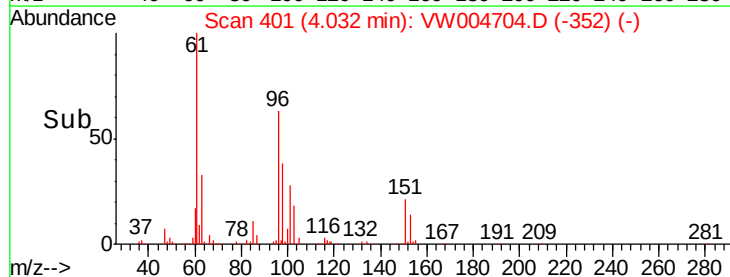
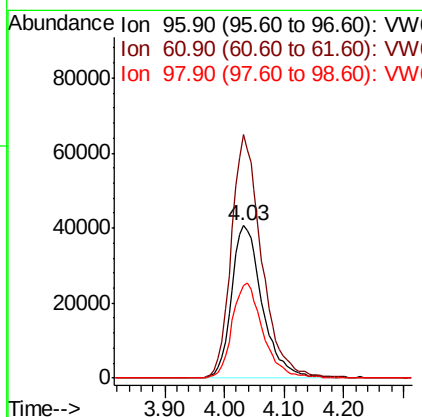
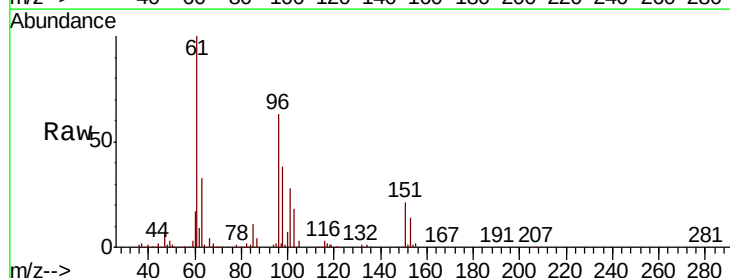
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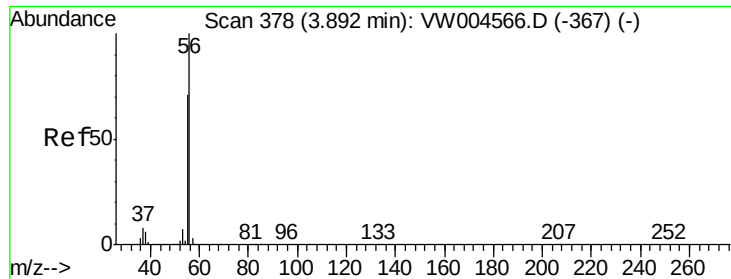
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#12
1,1-Dichloroethene
Concen: 20.50 ug/l
RT: 4.03 min Scan# 401
Delta R.T. 0.00 min
Lab File: VW004704.D
Acq: 15 Aug 2018 19:27

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.0	130.6	195.8
98	60.8	49.6	74.4





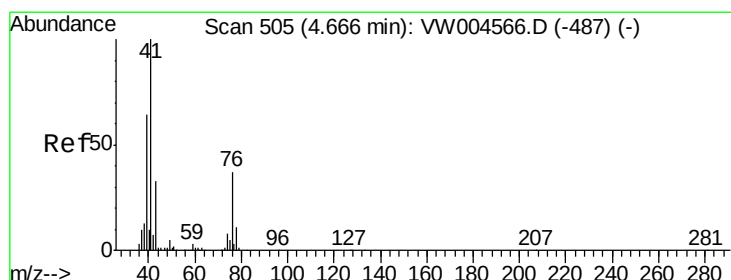
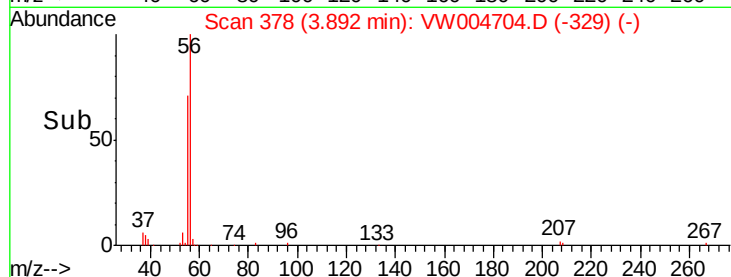
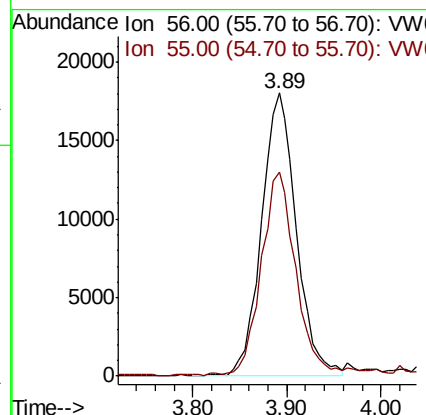
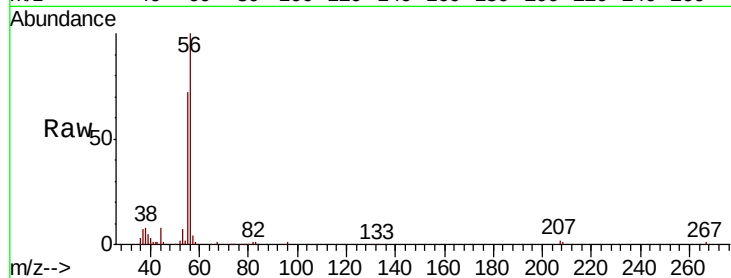
#13
Acrolein
Concen: 90.81 ug/l
RT: 3.89 min Scan# 378
Delta R.T. 0.00 min
Lab File: VW004704.D
Acq: 15 Aug 2018 19:27

Instrument :
MSVOA_W
ClientSampleId :
VW0817SBSD01

Tot Ion	Ion	Ratio	Lower	Upper
56	56	100		
55	55	71.1	56.7	85.1

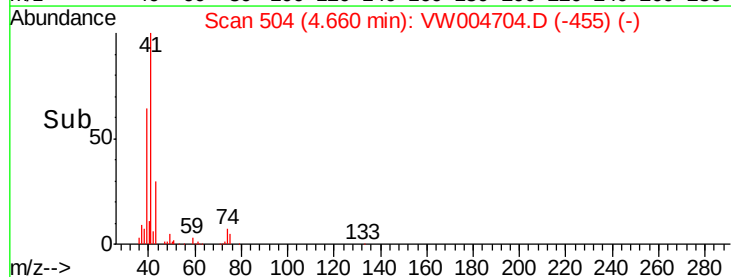
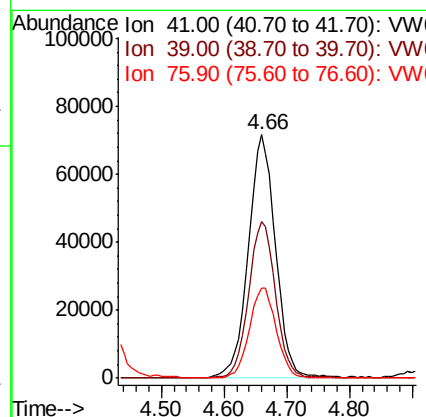
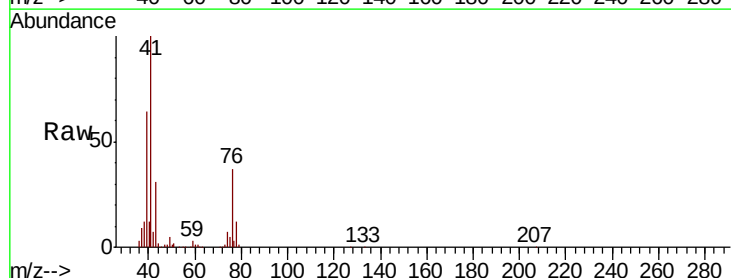
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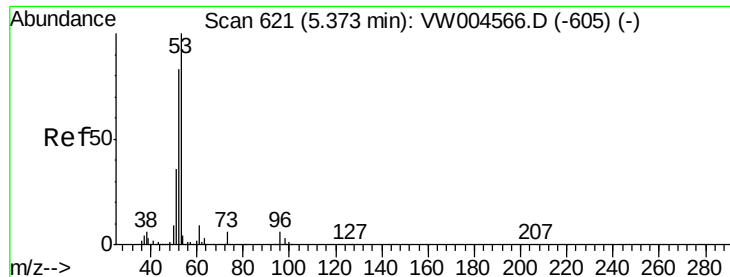
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#14
Allyl chloride
Concen: 20.03 ug/l
RT: 4.66 min Scan# 504
Delta R.T. 0.00 min
Lab File: VW004704.D
Acq: 15 Aug 2018 19:27

Tgt Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	64.7	51.9	77.9
76	76	36.7	29.0	43.6





#15

Acrylonitrile

Concen: 95.51 ug/l

RT: 5.37 min Scan# 621

Delta R.T. 0.00 min

Lab File: VW004704.D

Acq: 15 Aug 2018 19:27

Instrument :

MSVOA_W

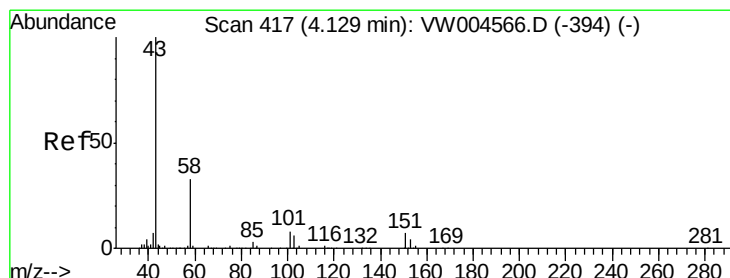
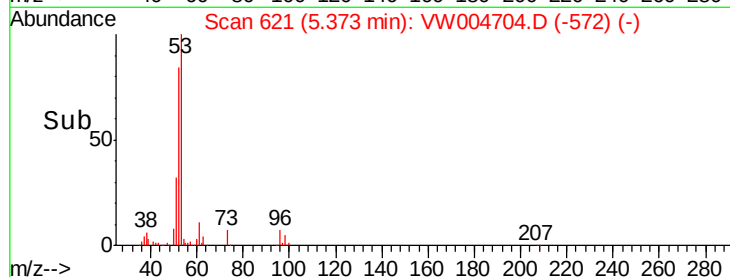
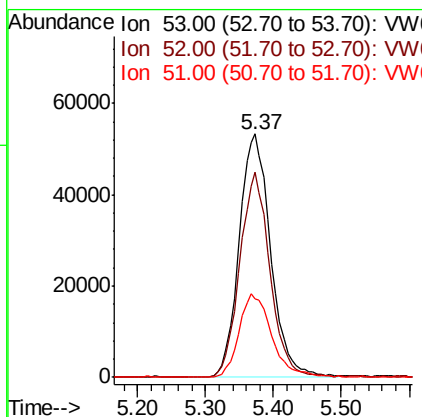
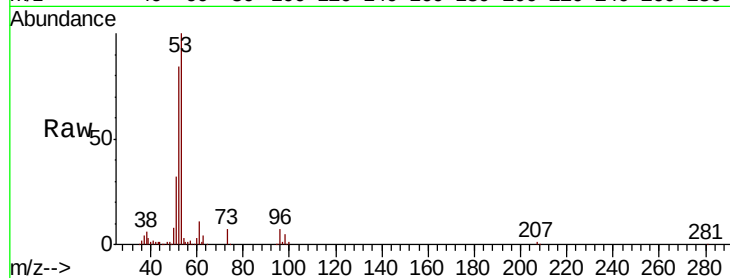
ClientSampleId :

VW0817SBSD01

Tot Ion:	53	Resp:	171796
Ion Ratio	Lower	Upper	
53	100		
52	80.7	66.5	99.7
51	35.7	28.4	42.6

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#16

Acetone

Concen: 99.83 ug/l

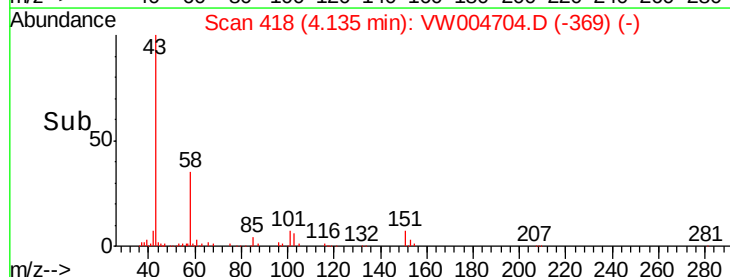
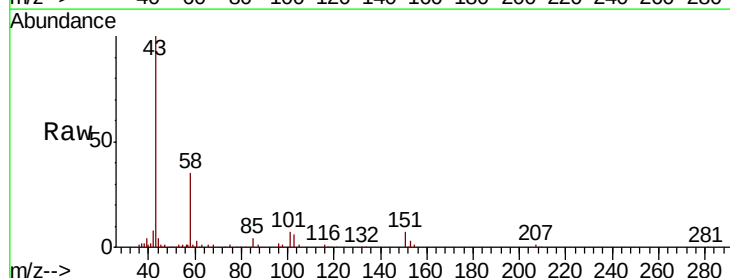
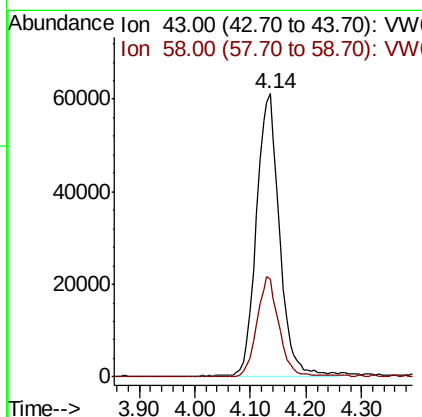
RT: 4.14 min Scan# 418

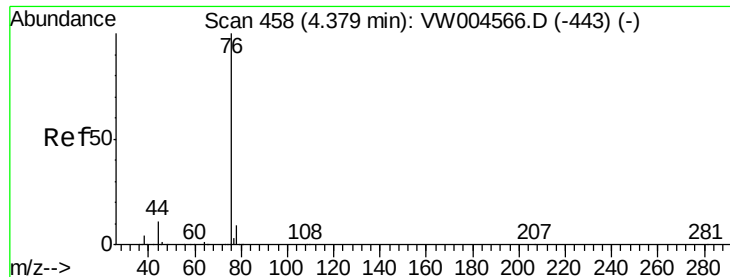
Delta R.T. 0.00 min

Lab File: VW004704.D

Acq: 15 Aug 2018 19:27

Tgt Ion:	43	Resp:	179012
Ion Ratio	Lower	Upper	
43	100		
58	34.6	26.8	40.2





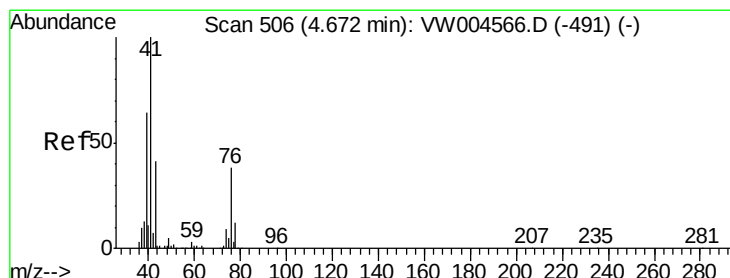
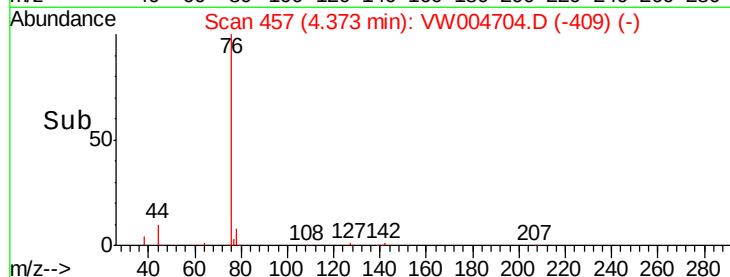
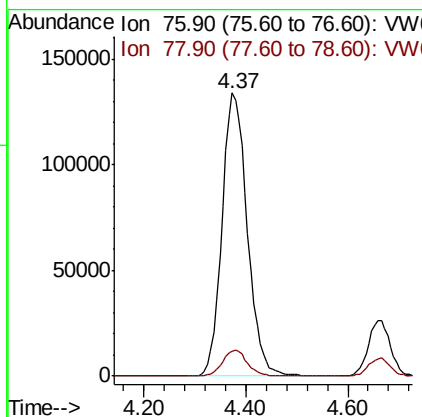
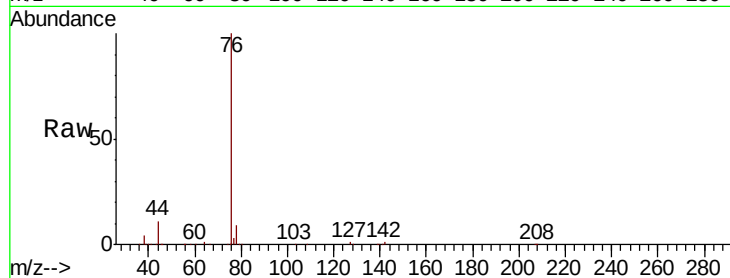
#17
Carbon Disulfide
Concen: 20.09 ug/l
RT: 4.37 min Scan# 457
Delta R.T. -0.01 min
Lab File: VW004704.D
Acq: 15 Aug 2018 19:27

Instrument :
MSVOA_W
ClientSampleId :
VW0817SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
76	100	459217		
78	8.6	7.0	10.4	

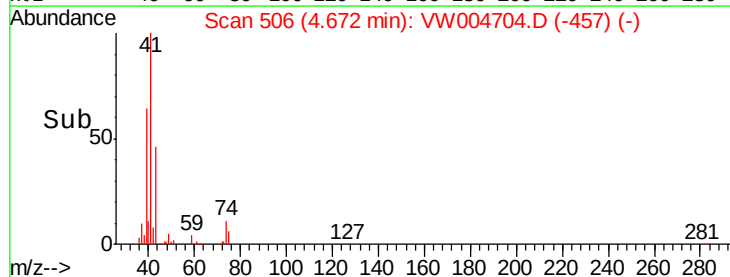
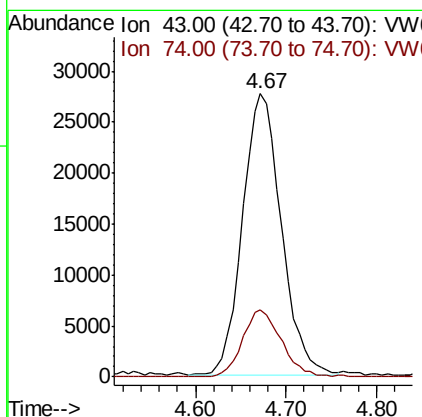
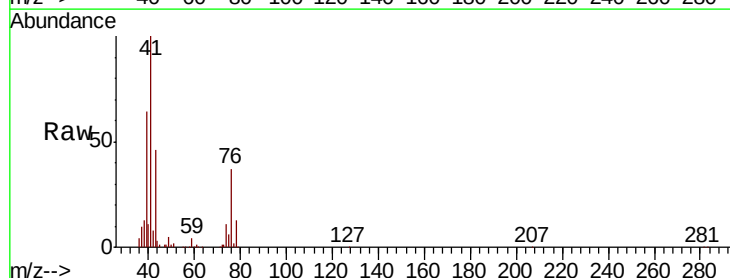
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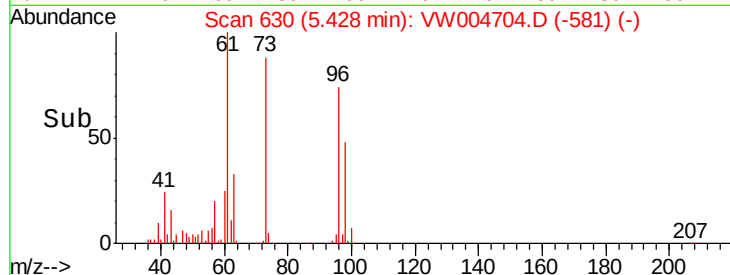
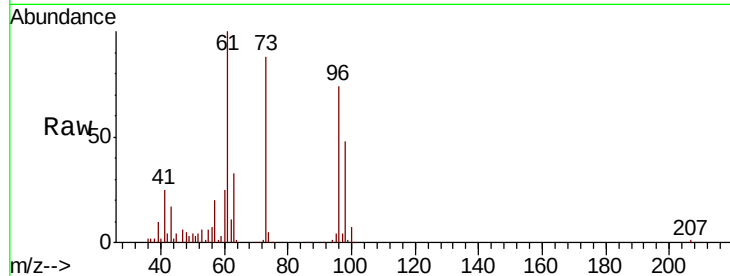
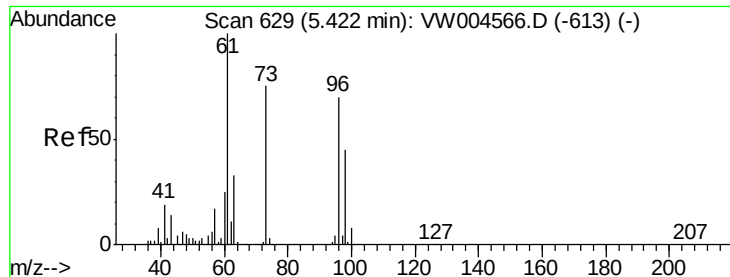
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#18
Methyl Acetate
Concen: 18.22 ug/l
RT: 4.67 min Scan# 506
Delta R.T. 0.00 min
Lab File: VW004704.D
Acq: 15 Aug 2018 19:27

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	81478		
74	23.7	19.1	28.7	





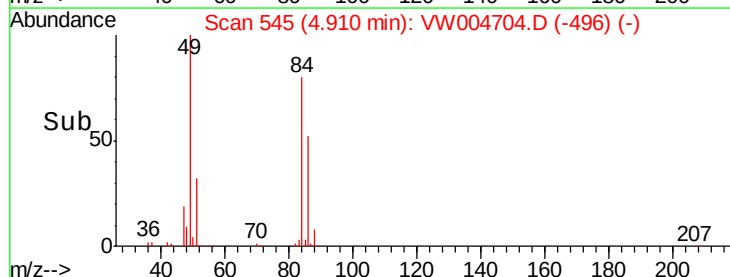
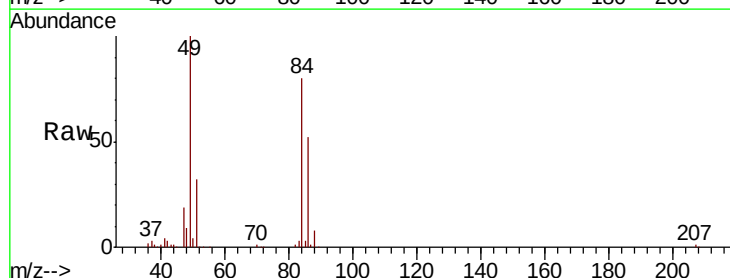
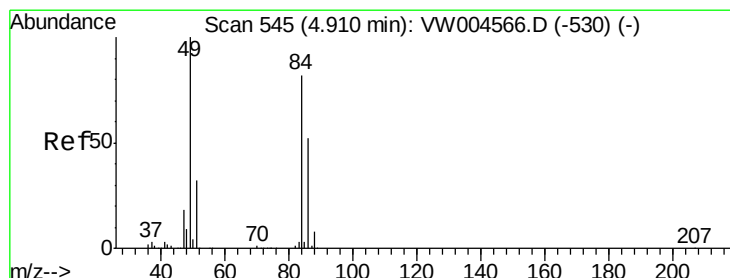
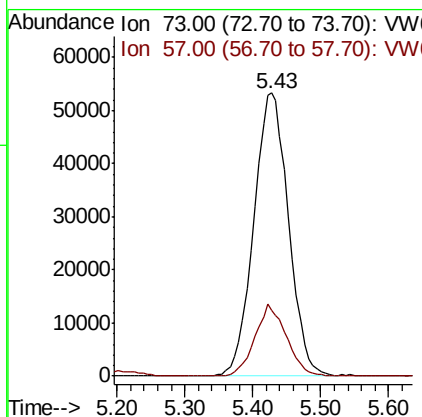
#19
Methyl tert-butyl Ether
Concen: 19.53 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW004704.D
Acq: 15 Aug 2018 19:27

Tot Ion	73	Resp	189526
Ion Ratio	Lower	Upper	
73	100		
57	23.1	19.6	29.4

Instrument :
MSVOA_W
ClientSampleId :
VW0817SBS01

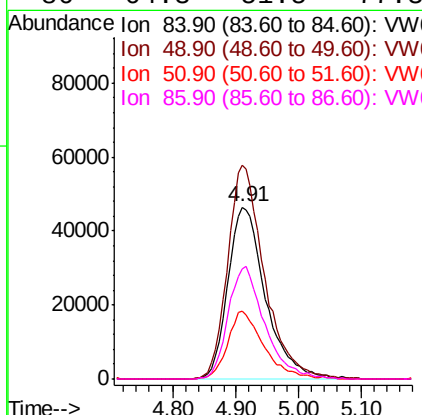
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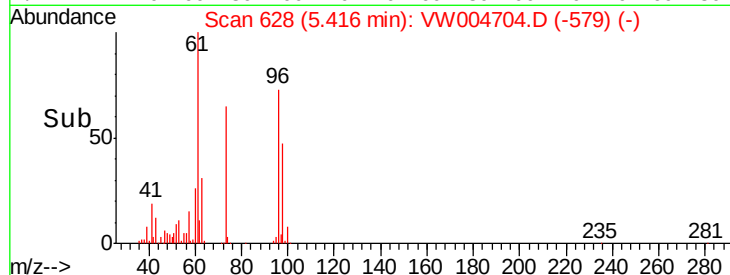
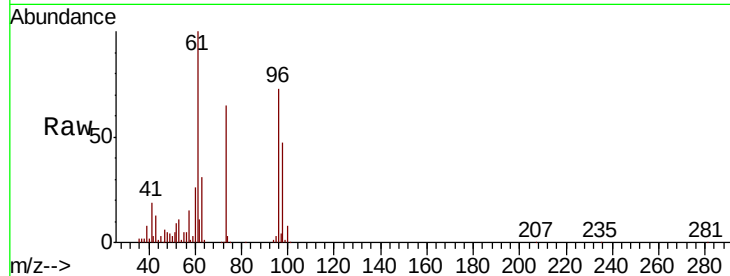
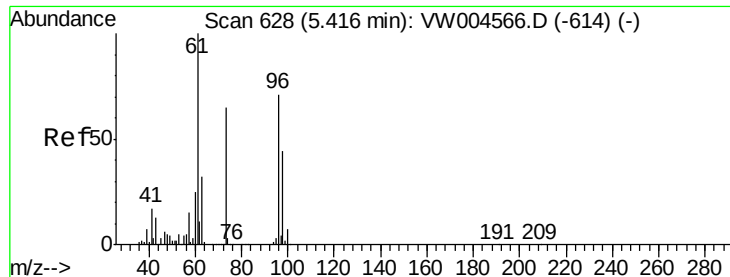
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#20
Methylene Chloride
Concen: 15.92 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW004704.D
Acq: 15 Aug 2018 19:27

Tgt Ion	84	Resp	192355
Ion Ratio	Lower	Upper	
84	100		
49	124.5	99.6	149.4
51	39.7	31.0	46.4
86	64.3	51.5	77.3





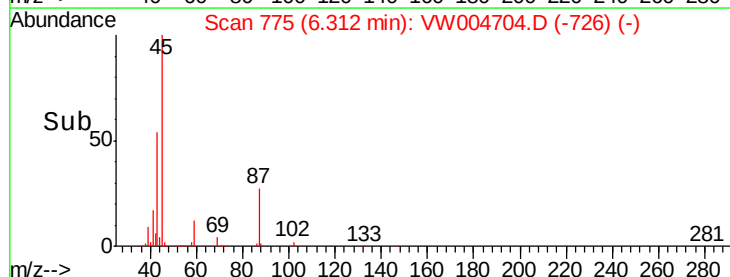
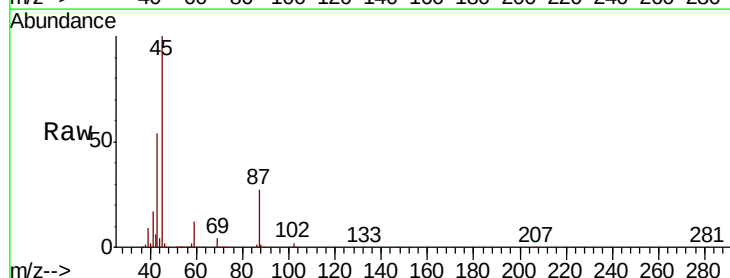
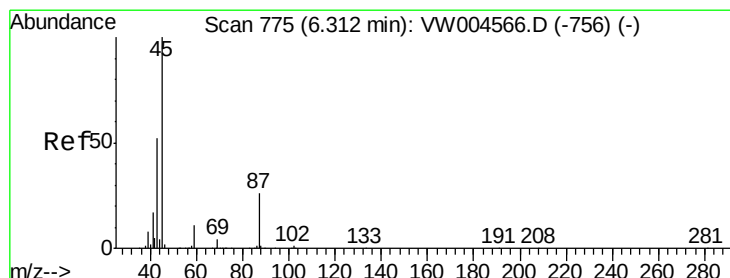
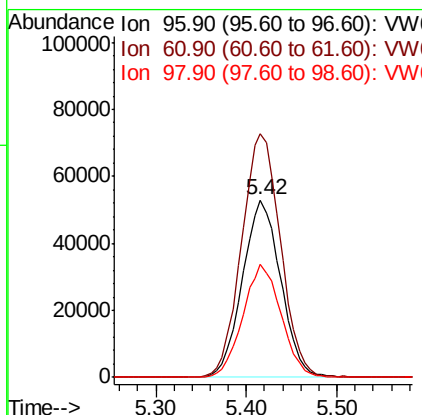
#21
trans-1,2-Dichloroethene
Concen: 20.09 ug/l
RT: 5.42 min Scan# 628
Delta R.T. 0.00 min
Lab File: VW004704.D
Acq: 15 Aug 2018 19:27

Tot Ion	Ratio	Lower	Upper
96	100		
61	137.5	114.1	171.1
98	64.0	51.4	77.2

Instrument :
MSVOA_W
ClientSampleId :
VW0817SBSD01

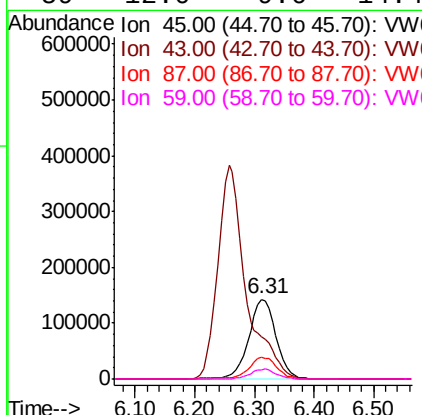
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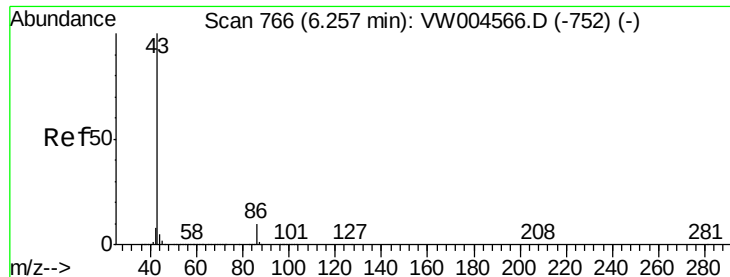
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#22
Diisopropyl ether
Concen: 20.68 ug/l
RT: 6.31 min Scan# 775
Delta R.T. 0.00 min
Lab File: VW004704.D
Acq: 15 Aug 2018 19:27

Tgt Ion	Ratio	Lower	Upper
45	100		
43	53.8	42.4	63.6
87	26.7	21.6	32.4
59	12.0	9.6	14.4





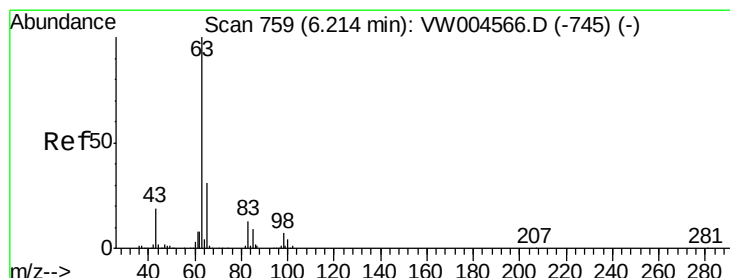
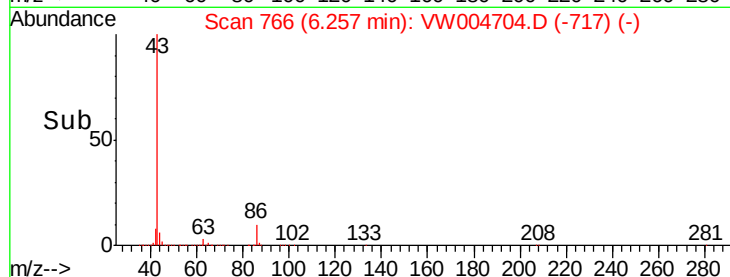
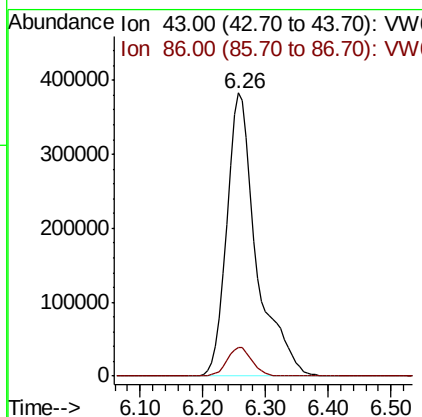
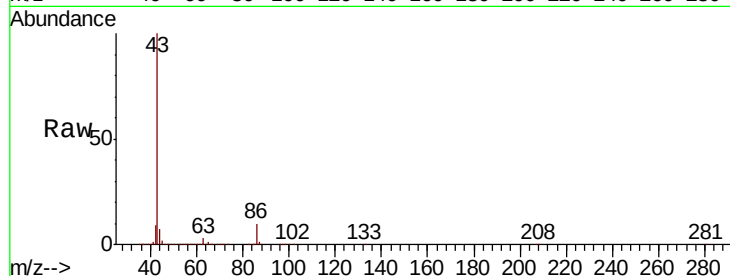
#23
 Vinyl Acetate
 Concen: 94.92 ug/l
 RT: 6.26 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: VW004704.D
 Acq: 15 Aug 2018 19:27

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0817SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
86	10.2	7.9	11.9

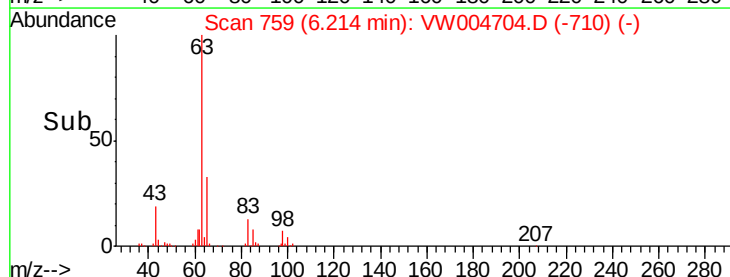
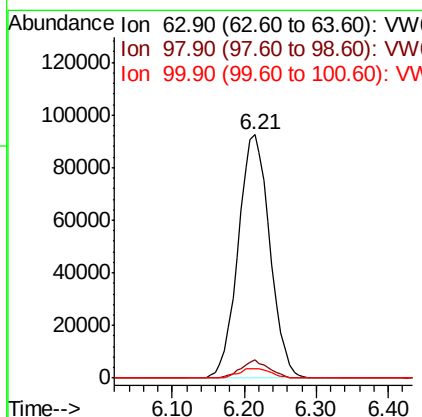
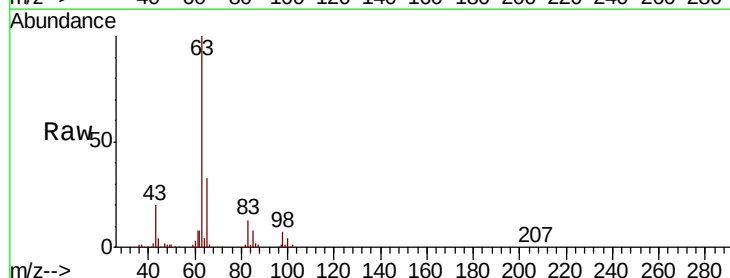
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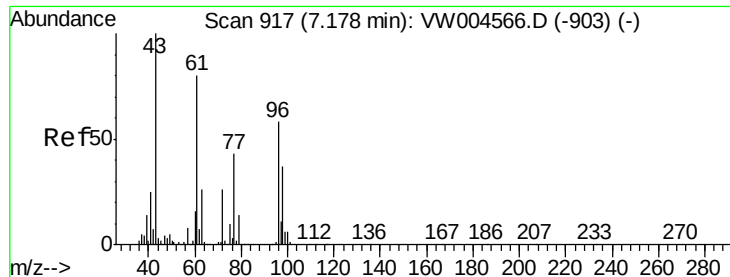
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#24
 1,1-Dichloroethane
 Concen: 20.02 ug/l
 RT: 6.21 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: VW004704.D
 Acq: 15 Aug 2018 19:27

Tgt Ion	Ratio	Lower	Upper
63	100		
98	7.5	3.1	9.3
100	3.7	2.1	6.5





#25

2-Butanone

Concen: 91.00 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.01 min

Lab File: VW004704.D

Acq: 15 Aug 2018 19:27

Instrument :

MSVOA_W

ClientSampleId :

VW0817SBSD01

Tot Ion: 43 Resp: 262479

Ion Ratio Lower Upper

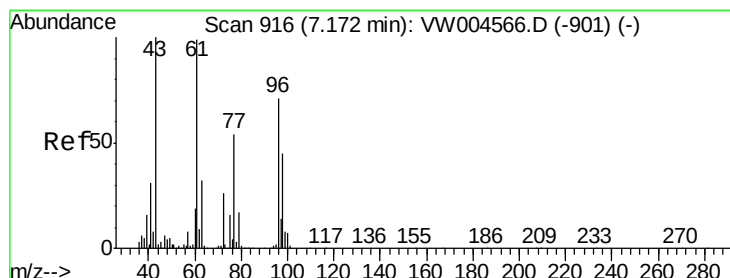
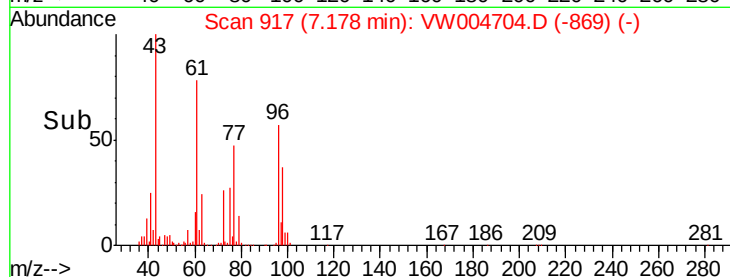
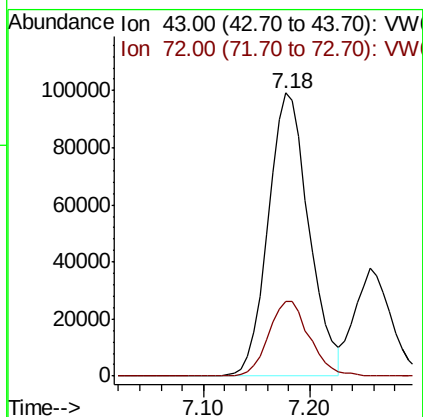
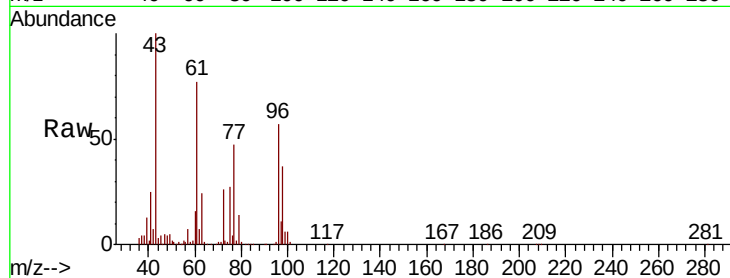
43 100

72 26.4 21.0 31.6

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#26

2,2-Dichloropropane

Concen: 20.93 ug/l

RT: 7.17 min Scan# 916

Delta R.T. 0.01 min

Lab File: VW004704.D

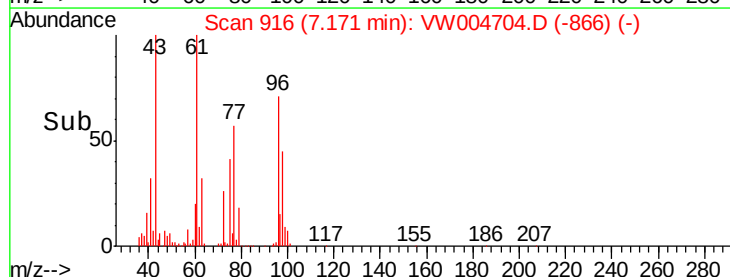
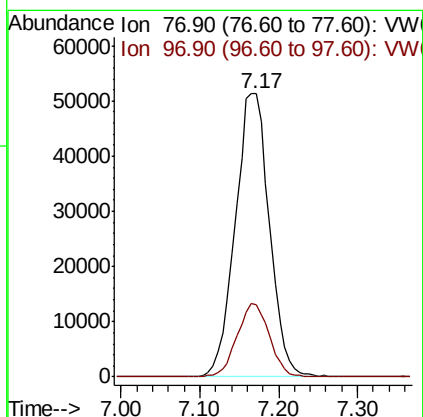
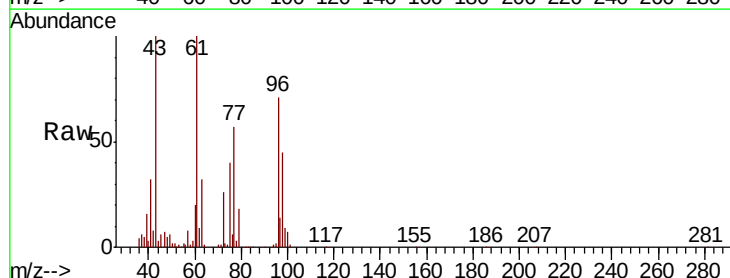
Acq: 15 Aug 2018 19:27

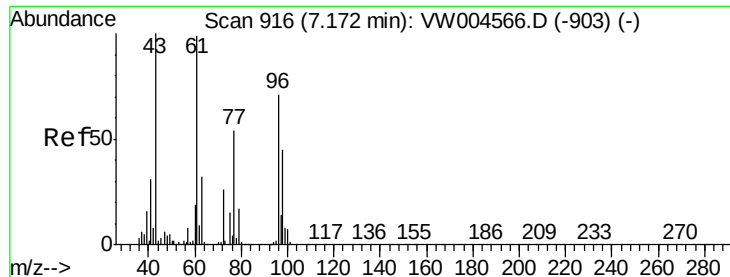
Tgt Ion: 77 Resp: 154454

Ion Ratio Lower Upper

77 100

97 24.5 12.5 37.5





#27

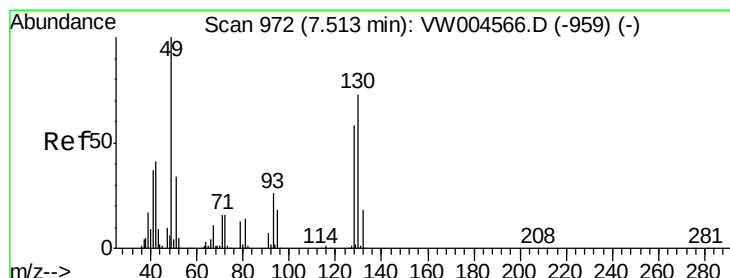
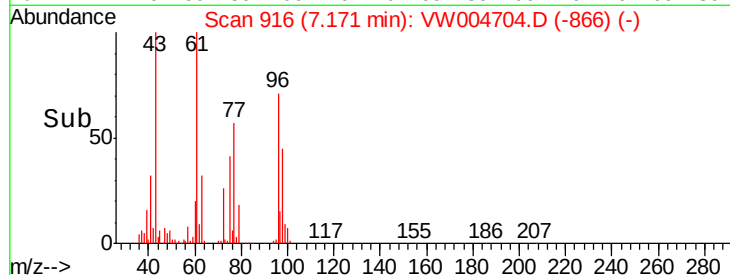
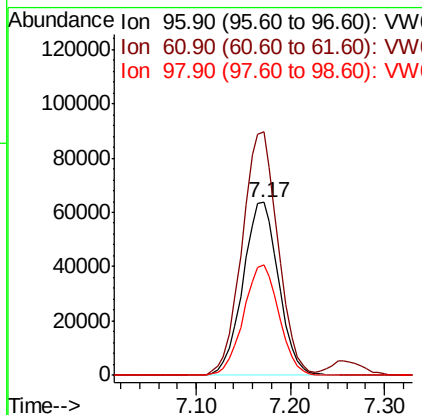
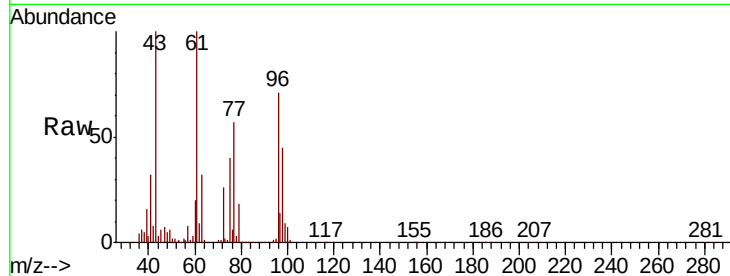
cis-1,2-Dichloroethene
 Concen: 20.49 ug/l
 RT: 7.17 min Scan# 916
 Delta R.T. 0.01 min
 Lab File: VW004704.D
 Acq: 15 Aug 2018 19:27

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0817SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	168949		
61	141.5	0.0	285.0	
98	63.4	0.0	128.6	

Manual Integrations
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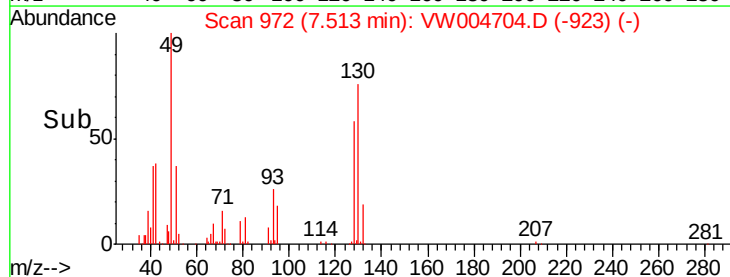
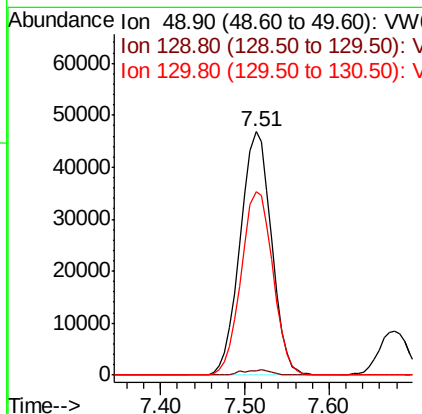
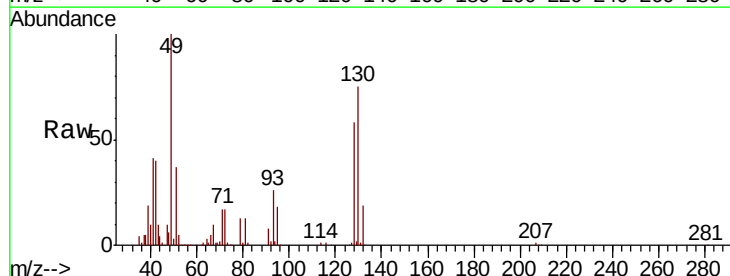
apatel
 8/16/2018 10:01:34 AM

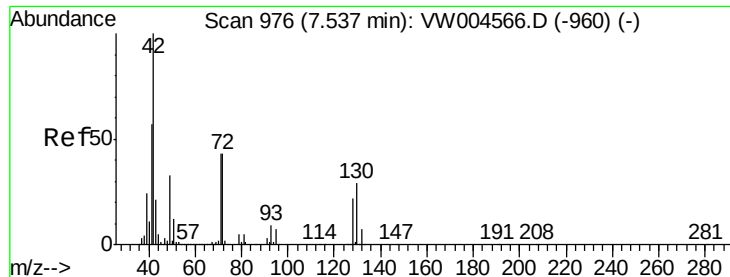


#28

Bromochloromethane
 Concen: 19.18 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: VW004704.D
 Acq: 15 Aug 2018 19:27

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	117286		
129	2.1	0.0	4.0	
130	76.7	58.8	88.2	





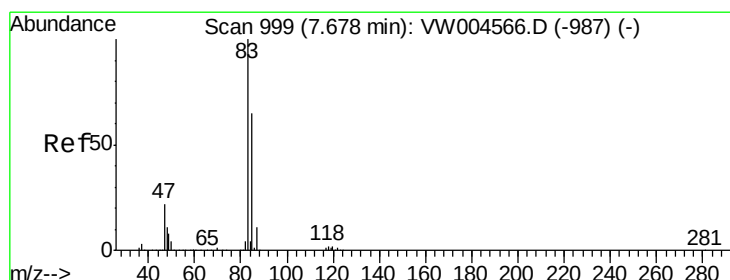
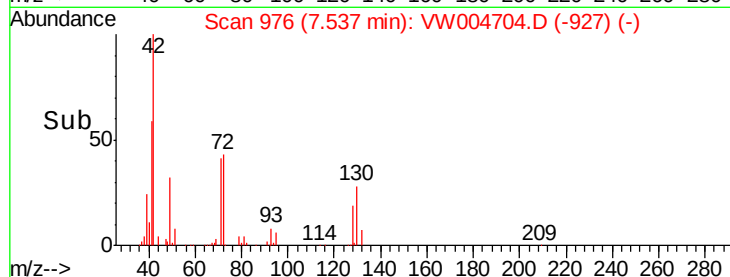
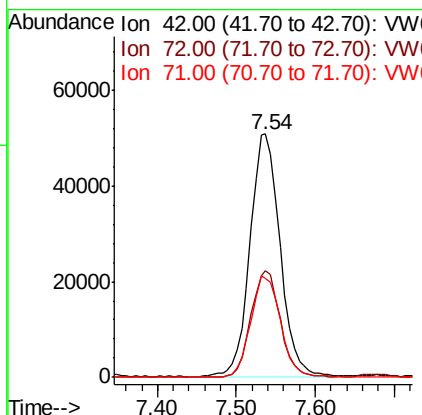
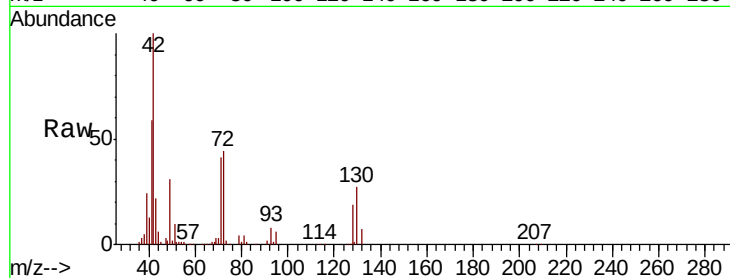
#29
Tetrahydrofuran
Concen: 90.44 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.00 min
Lab File: VW004704.D
Acq: 15 Aug 2018 19:27

Instrument :
MSVOA_W
ClientSampleId :
VW0817SBSD01

Tot Ion:	42	Resp:	134865
Ion Ratio		Lower	Upper
42	100		
72	43.0	34.1	51.1
71	41.5	32.5	48.7

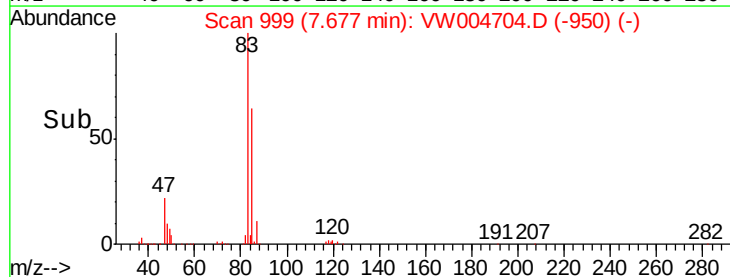
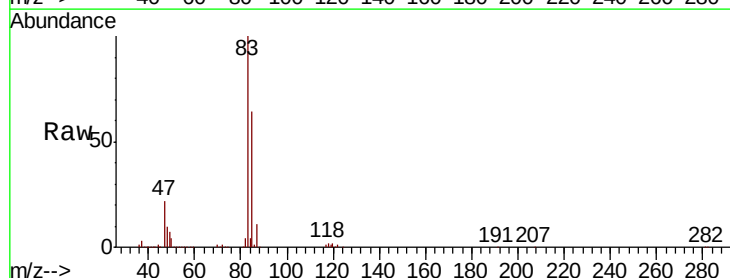
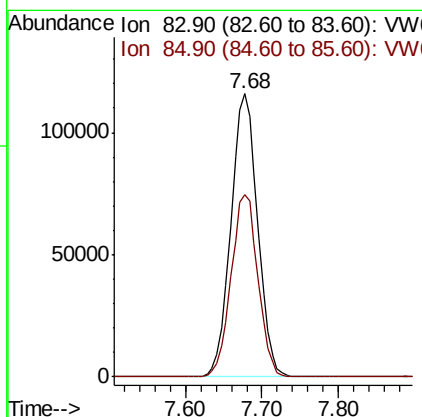
Manual Integrations
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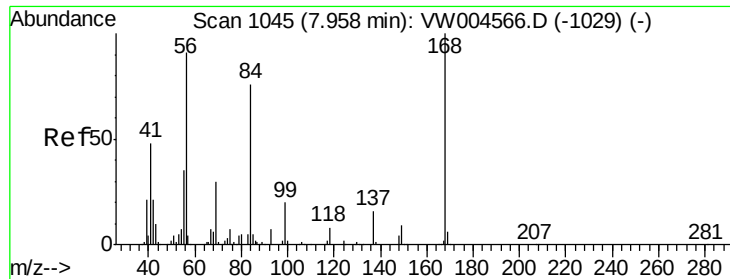
apatel
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#30
Chloroform
Concen: 20.22 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW004704.D
Acq: 15 Aug 2018 19:27

Tgt Ion:	83	Resp:	279242
Ion Ratio		Lower	Upper
83	100		
85	64.3	51.3	76.9





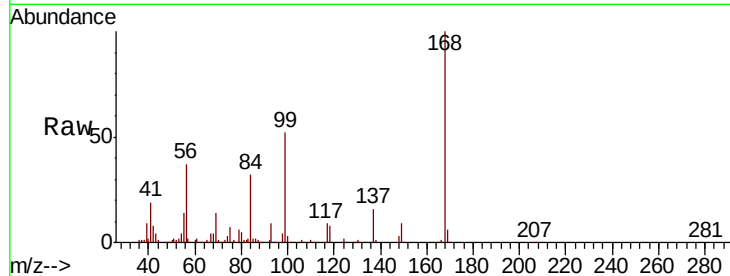
#31
Cyclohexane
Concen: 19.34 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. 0.00 min
Lab File: VW004704.D
Acq: 15 Aug 2018 19:27

Instrument :
MSVOA_W
ClientSampleId :
VW0817SBSD01

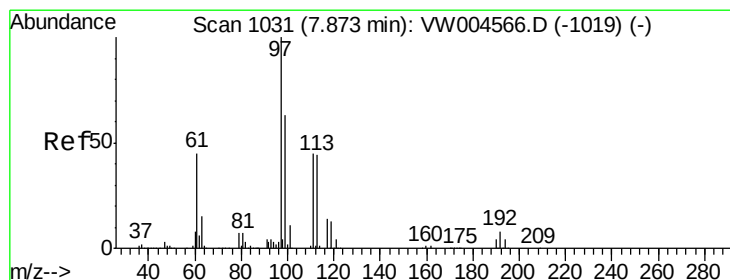
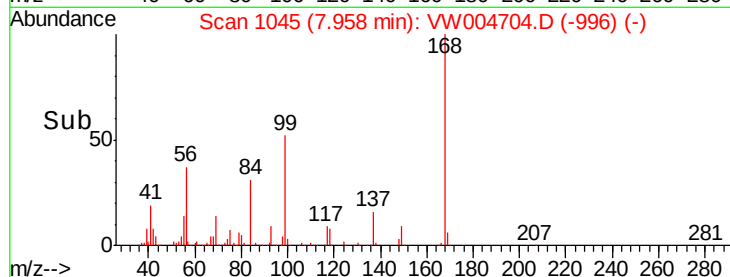
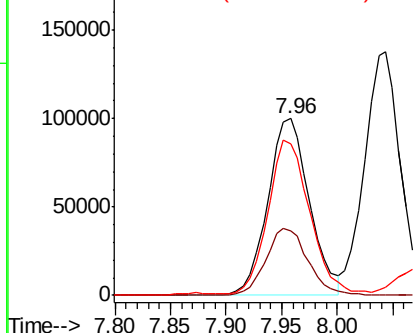
Tot Ion	Ratio	Lower	Upper
56	100		
69	36.4	26.4	39.6
84	84.5	66.9	100.3

Manual Integrations
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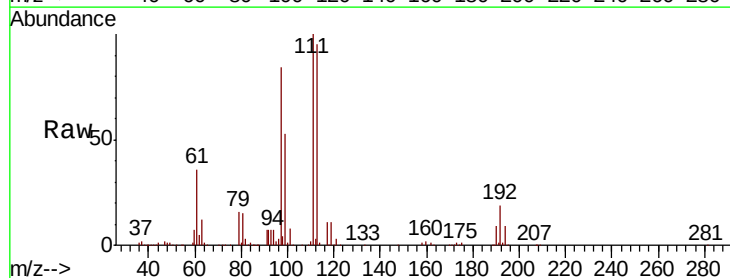


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

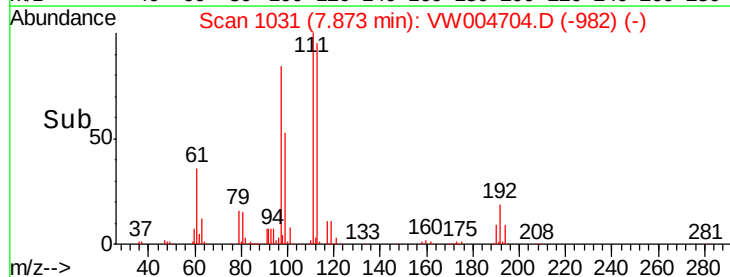
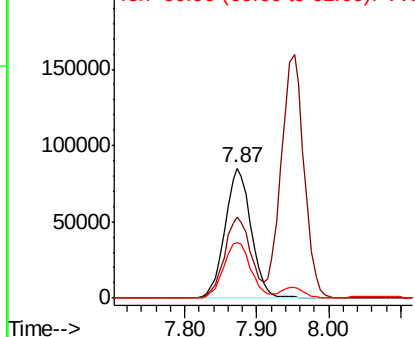


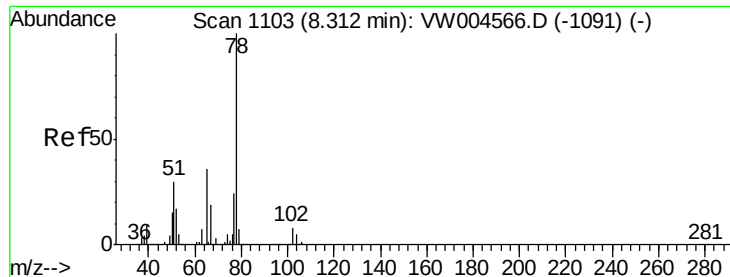
#32
1,1,1-Trichloroethane
Concen: 20.76 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VW004704.D
Acq: 15 Aug 2018 19:27

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.0	51.6	77.4
61	44.4	35.7	53.5



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW





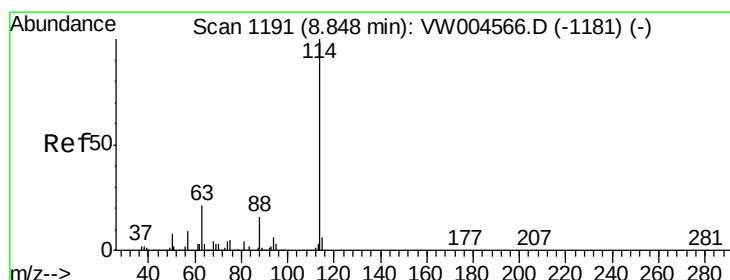
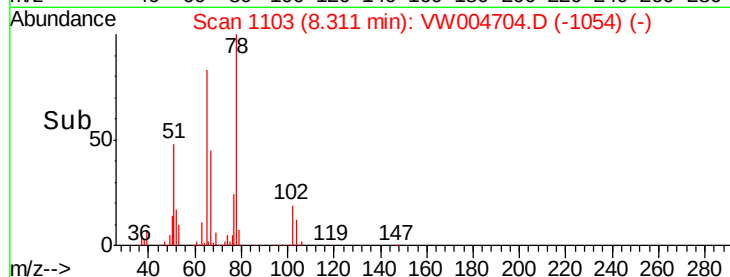
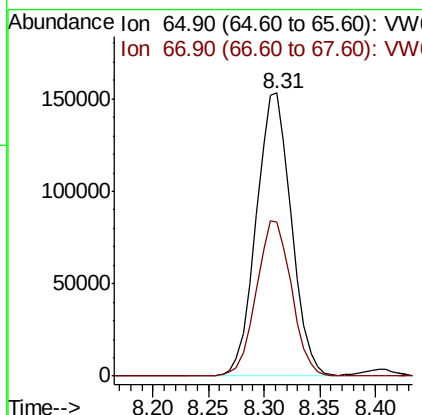
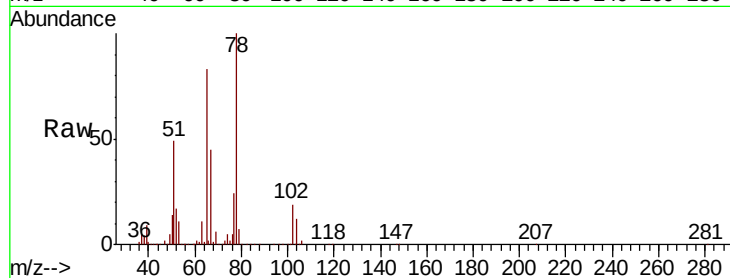
#33
 1,2-Dichloroethane-d4
 Concen: 46.90 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW004704.D
 Acq: 15 Aug 2018 19:27

Instrument :
 MSVOA_W
 ClientSampled :
 VW0817SBSD01

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

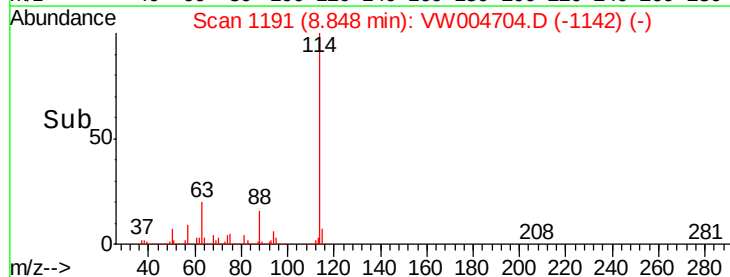
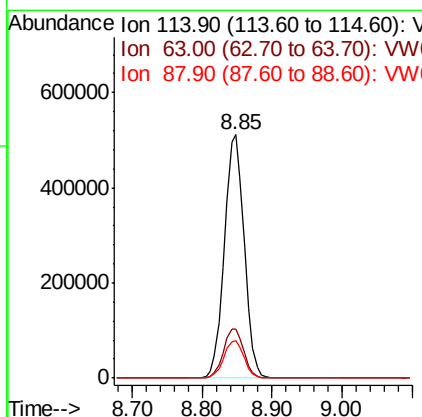
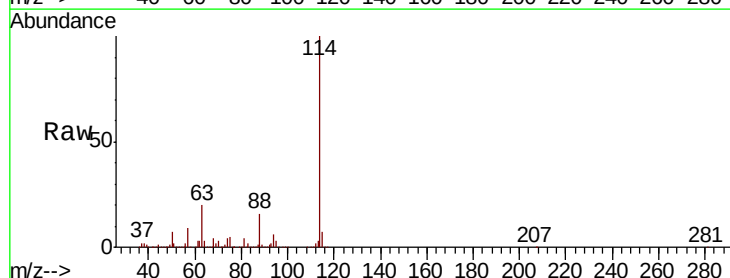
Manual Integrations
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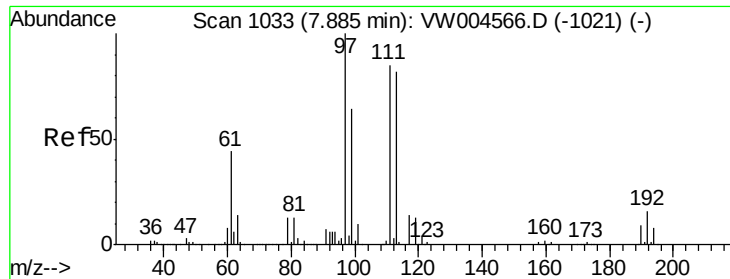
apatel
 8/16/2018 10:01:34 AM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004704.D
 Acq: 15 Aug 2018 19:27

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.3	0.0	42.4	
88	15.7	0.0	31.2	





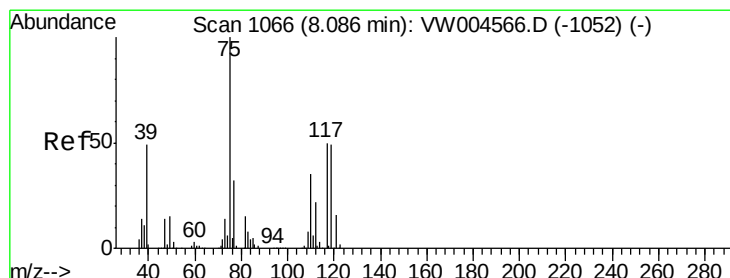
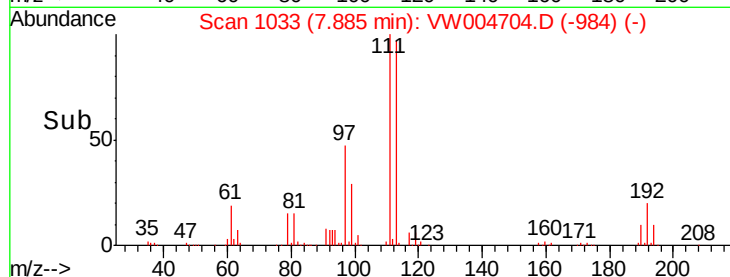
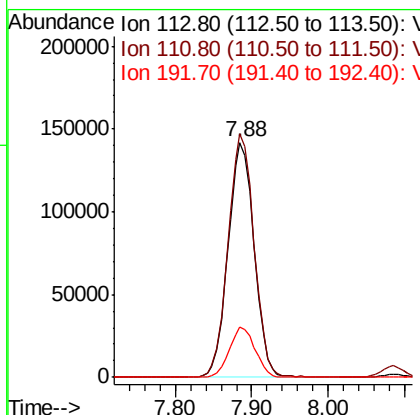
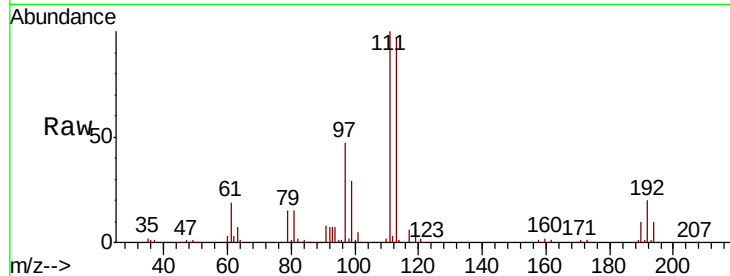
#35
 Dibromofluoromethane
 Concen: 49.93 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004704.D
 Acq: 15 Aug 2018 19:27

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0817SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	103.4	82.9	124.3	
192	21.1	15.8	23.6	

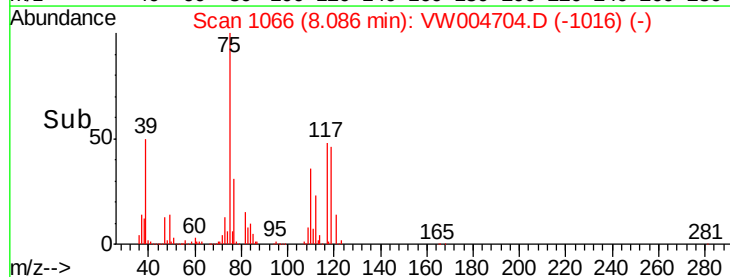
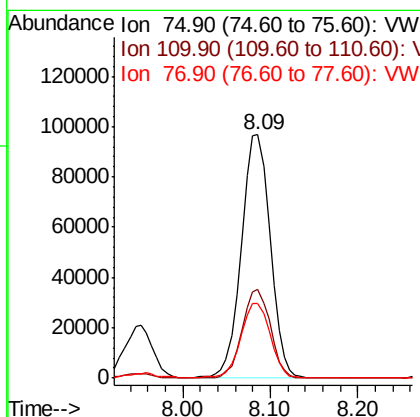
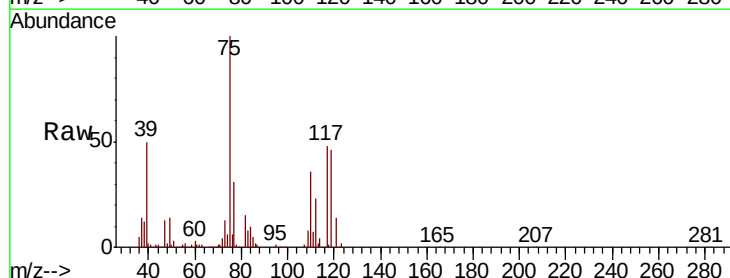
Manual Integrations
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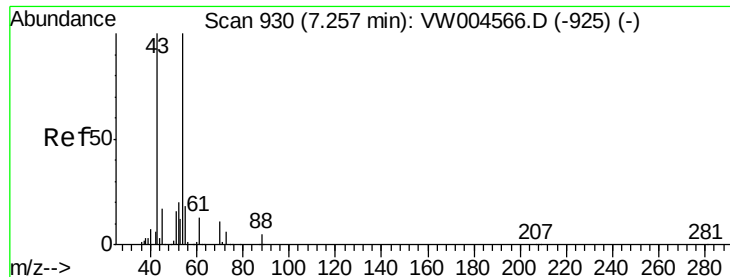
apatel
 8/16/2018 10:01:34 AM



#36
 1,1-Dichloropropene
 Concen: 20.64 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.01 min
 Lab File: VW004704.D
 Acq: 15 Aug 2018 19:27

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	35.5	17.4	52.2	
77	31.6	24.7	37.1	





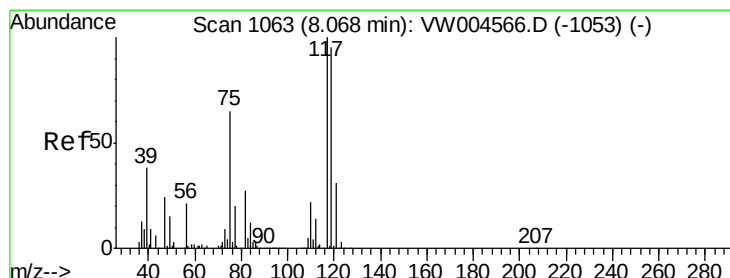
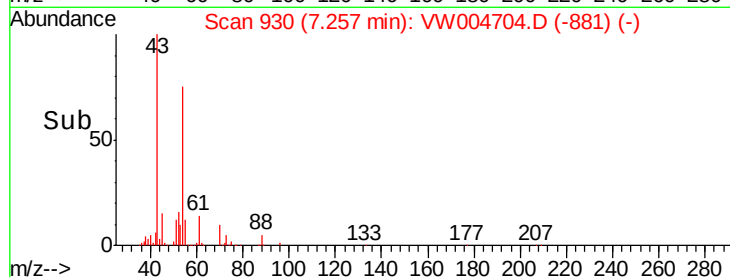
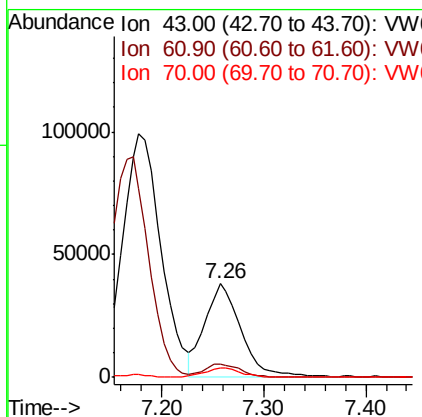
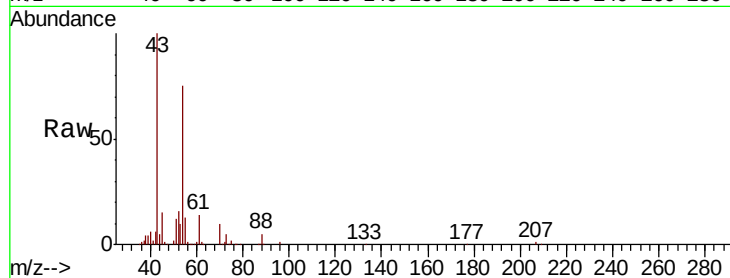
#37
Ethyl Acetate
Concen: 18.33 ug/l
RT: 7.26 min Scan# 930
Delta R.T. 0.00 min
Lab File: VW004704.D
Acq: 15 Aug 2018 19:27

Instrument :
MSVOA_W
ClientSampleId :
VW0817SBS01

Tot Ion:	43	Resp:	92646
Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.9	17.9
70	10.6	8.2	12.4

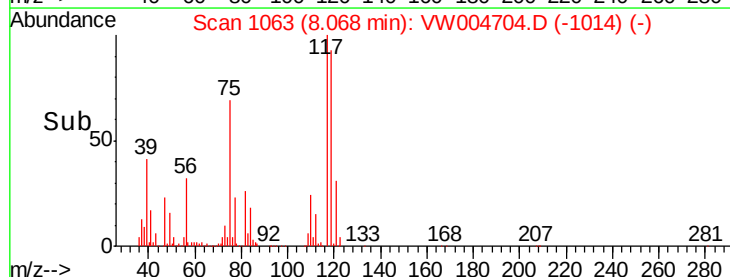
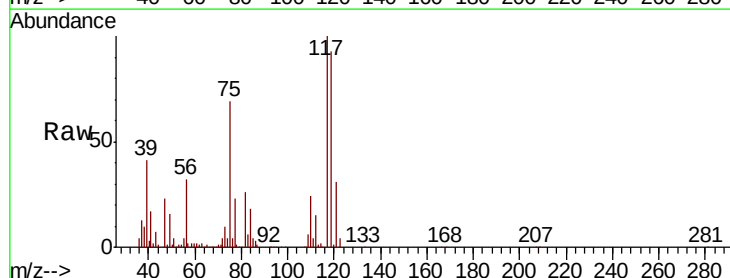
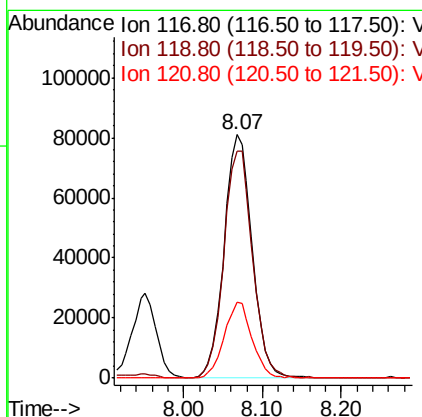
Manual Integrations
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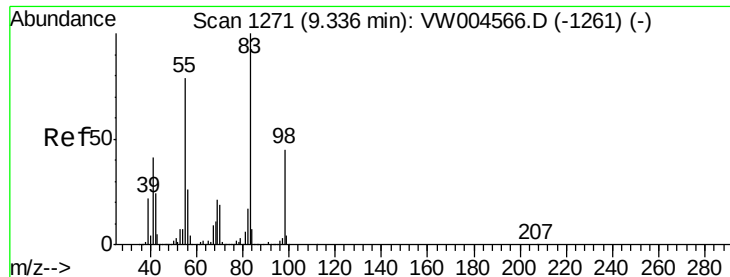
apatel
8/16/2018 10:01:34 AM



#38
Carbon Tetrachloride
Concen: 20.64 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW004704.D
Acq: 15 Aug 2018 19:27

Tgt Ion:	117	Resp:	200448
Ion	Ratio	Lower	Upper
117	100		
119	93.3	76.1	114.1
121	30.9	24.2	36.4





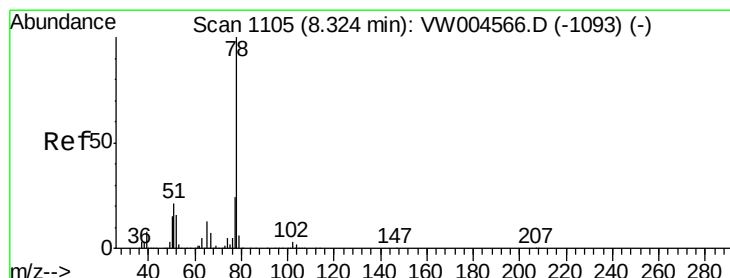
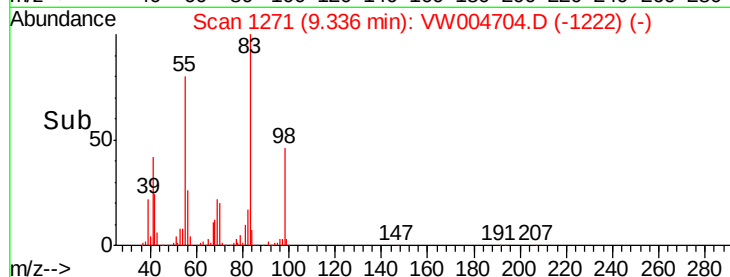
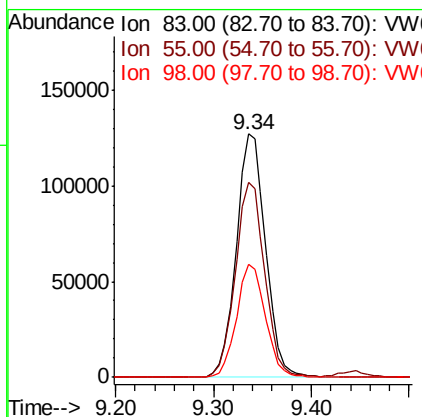
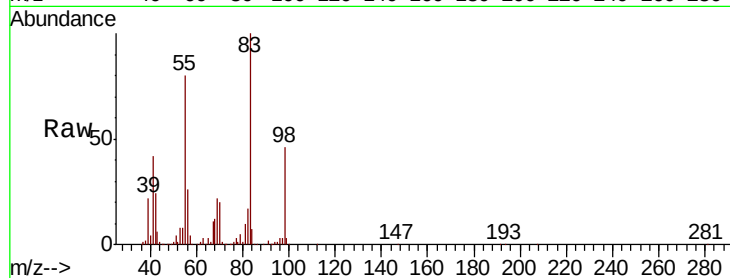
#39
Methylvlcyclohexane
Concen: 19.96 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW004704.D
Acq: 15 Aug 2018 19:27

Instrument :
MSVOA_W
ClientSampled :
VW0817SBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.1	62.5	93.7
98	46.3	35.4	53.2

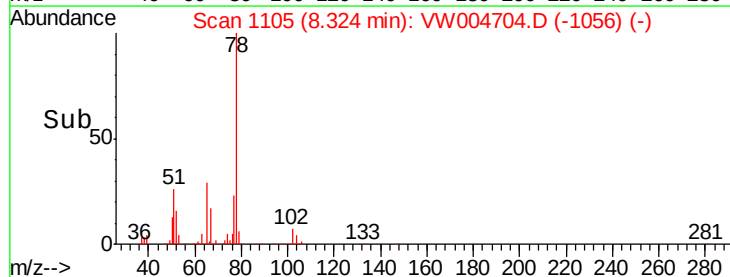
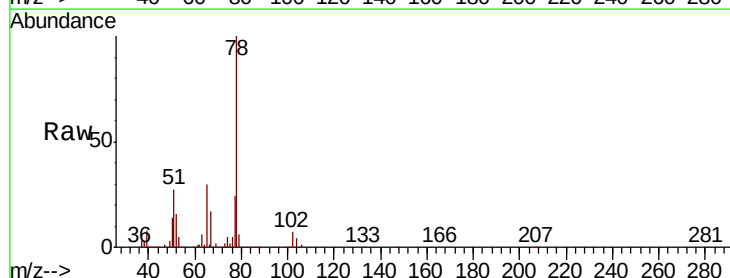
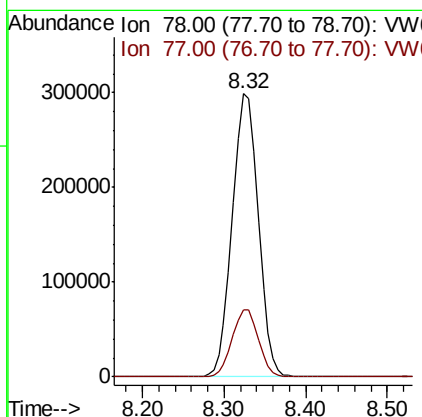
Manual Integrations
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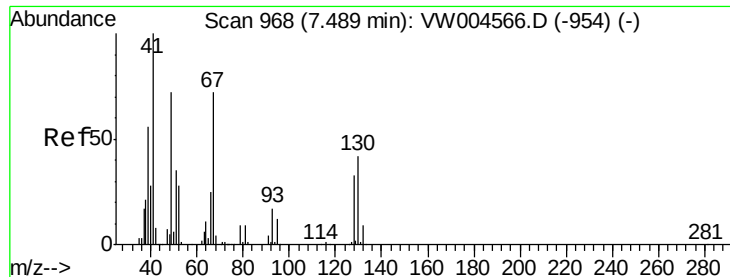
apatel
8/16/2018 10:01:34 AM



#40
Benzene
Concen: 20.80 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW004704.D
Acq: 15 Aug 2018 19:27

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.0	28.6





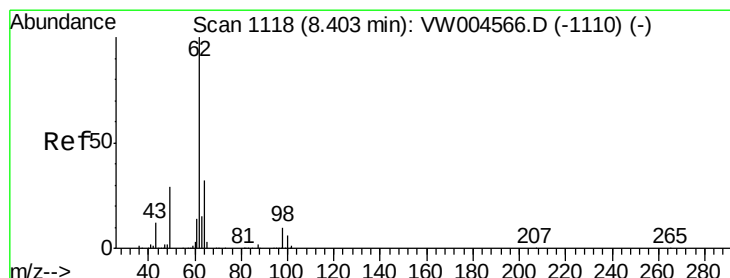
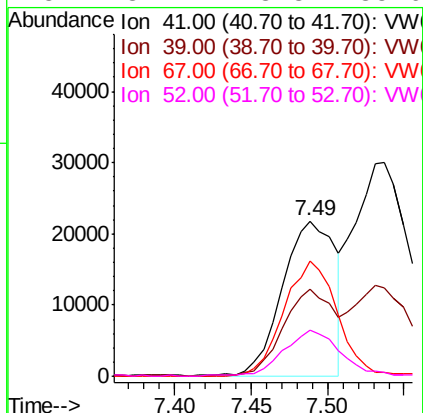
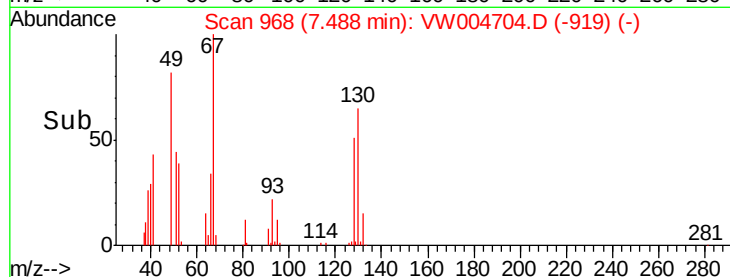
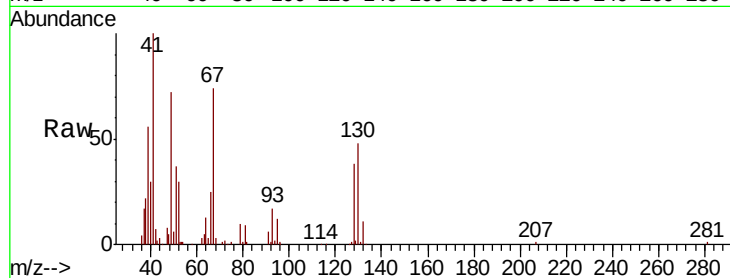
#41
Methacrylonitrile
Concen: 18.46 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.00 min
Lab File: VW004704.D
Acq: 15 Aug 2018 19:27

Instrument :
MSVOA_W
ClientSampleId :
VW0817SBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.1	46.2	69.2	
67	75.7	60.8	91.2	
52	31.2	23.8	35.6	

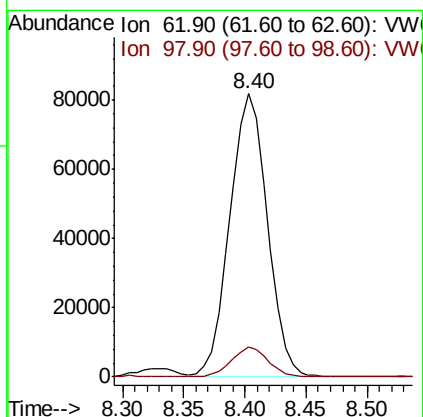
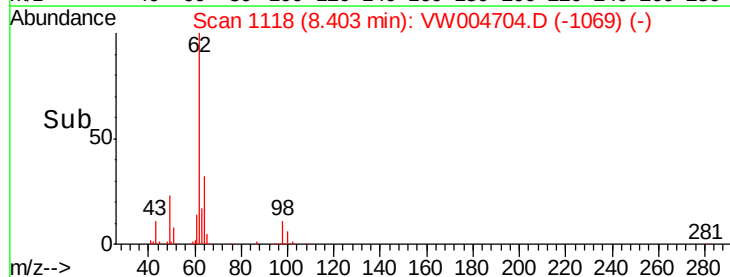
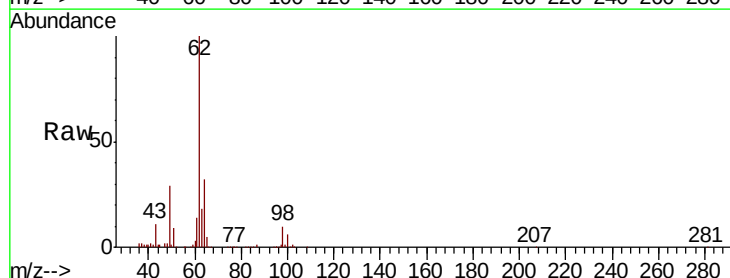
Manual Integrations
APPROVED

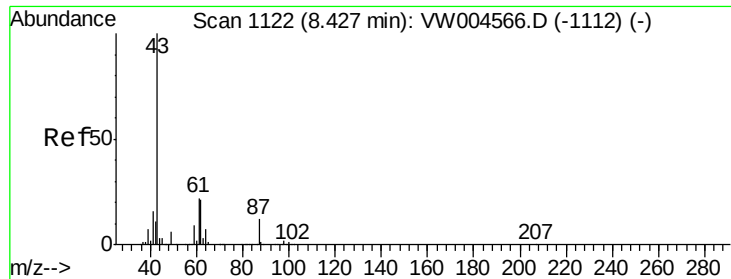
apatel
8/16/2018 10:01:34 AM



#42
1,2-Dichloroethane
Concen: 19.85 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW004704.D
Acq: 15 Aug 2018 19:27

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.2	0.0	19.6	





#43

Isopropyl Acetate

Concen: 18.53 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VW004704.D

Acq: 15 Aug 2018 19:27

Instrument :

MSVOA_W

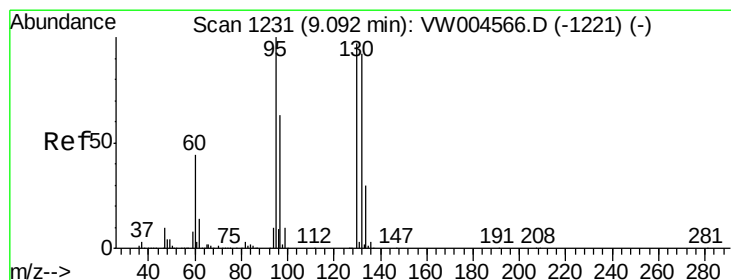
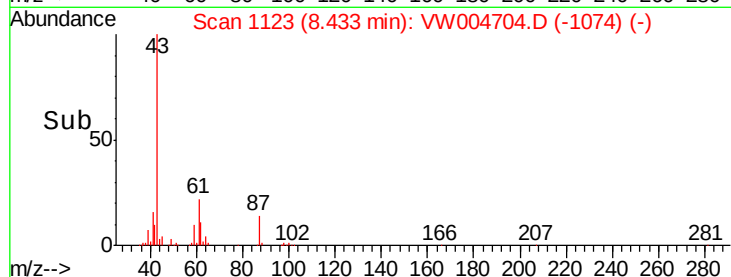
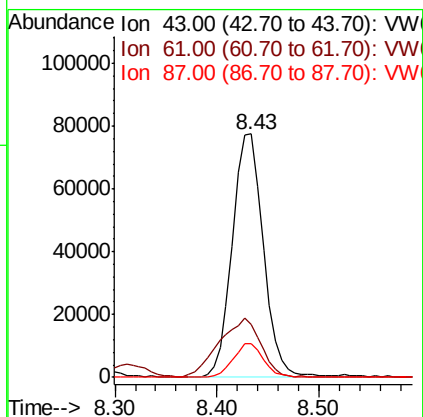
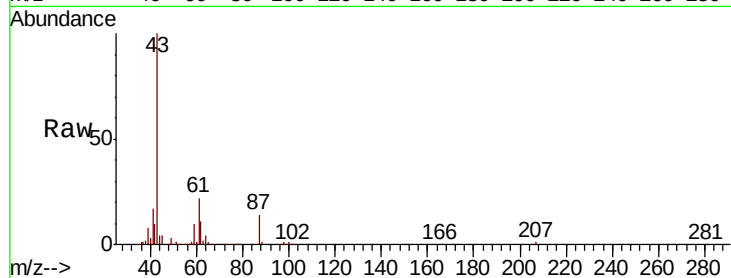
ClientSampleId :

VW0817SBS01

Tot Ion:	43	Resp:	163195
Ion	Ratio	Lower	Upper
43	100		
61	33.0	25.2	37.8
87	13.5	10.6	16.0

Manual Integrations
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#44

Trichloroethene

Concen: 20.79 ug/l

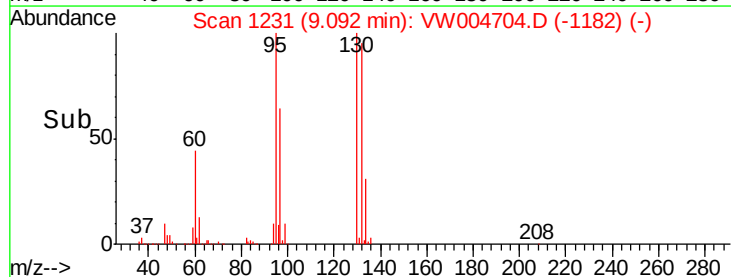
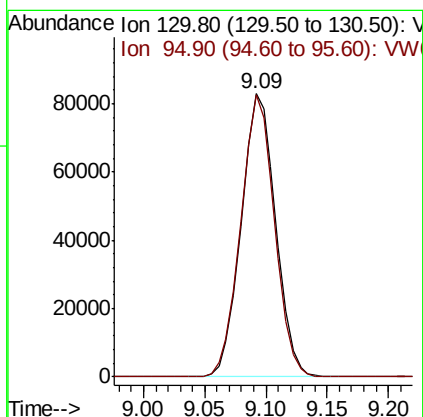
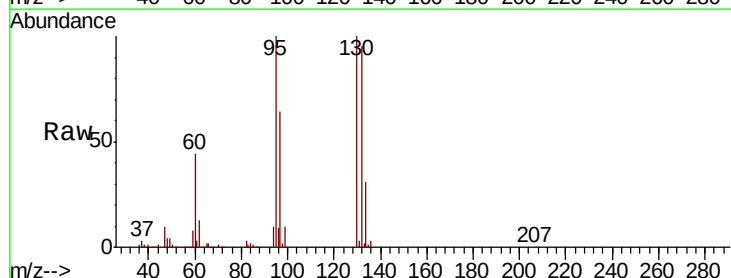
RT: 9.09 min Scan# 1231

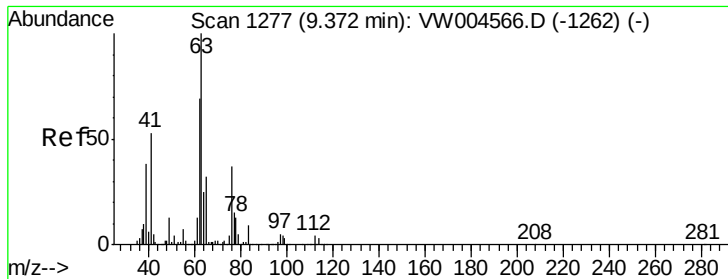
Delta R.T. 0.00 min

Lab File: VW004704.D

Acq: 15 Aug 2018 19:27

Tgt Ion:	130	Resp:	161880
Ion	Ratio	Lower	Upper
130	100		
95	99.7	0.0	196.2





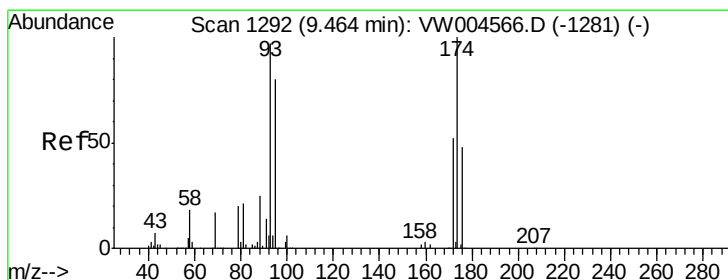
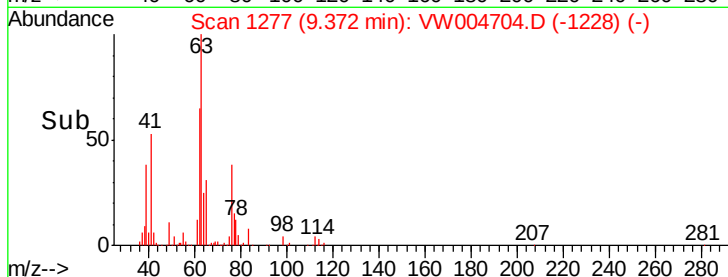
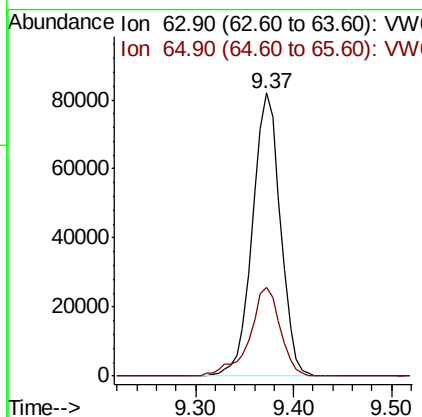
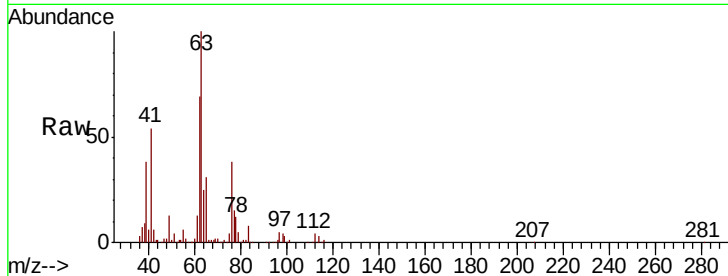
#45
 1,2-Dichloropropane
 Concen: 20.44 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW004704.D
 Acq: 15 Aug 2018 19:27

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0817SBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.2	24.5	36.7

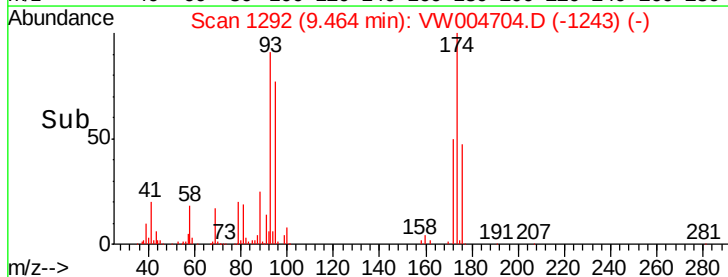
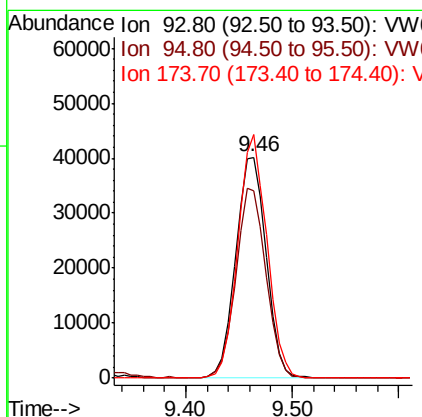
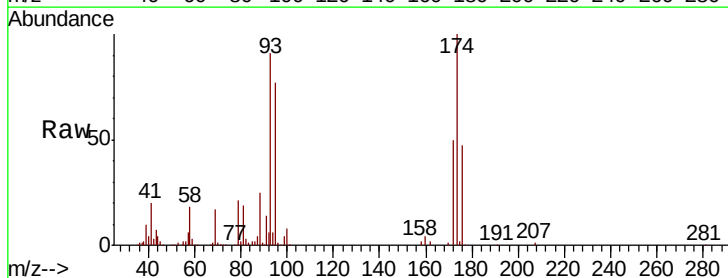
Manual Integrations
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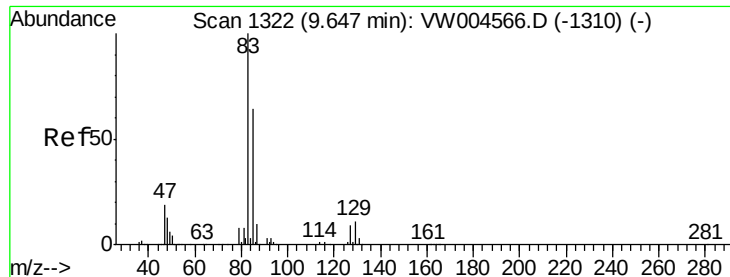
apatel
 8/16/2018 10:01:34 AM



#46
 Dibromomethane
 Concen: 20.00 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: VW004704.D
 Acq: 15 Aug 2018 19:27

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.9	67.0	100.4
174	104.7	80.2	120.4





#47

Bromodichloromethane

Concen: 20.17 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW004704.D

Acq: 15 Aug 2018 19:27

Instrument :

MSVOA_W

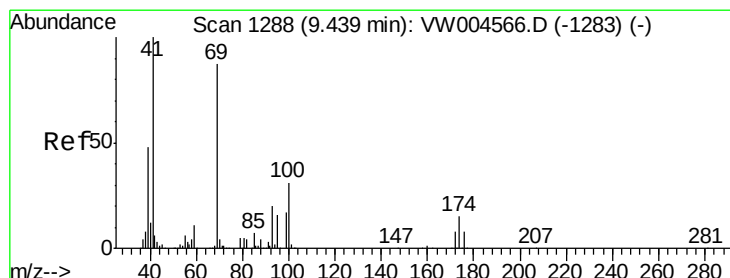
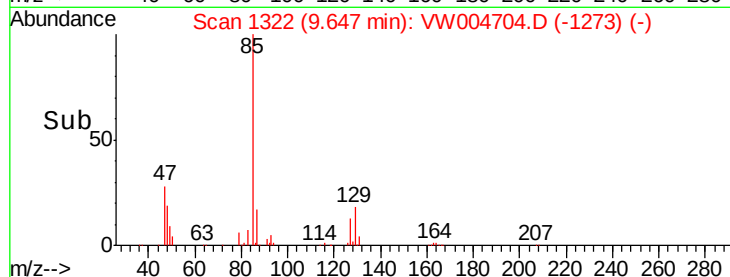
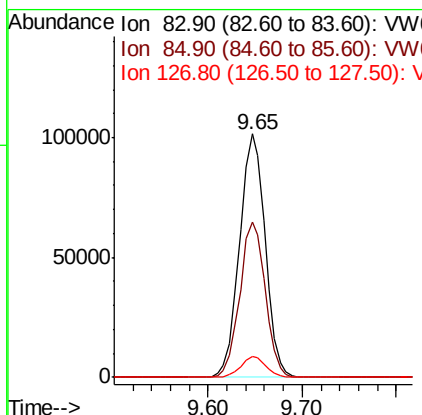
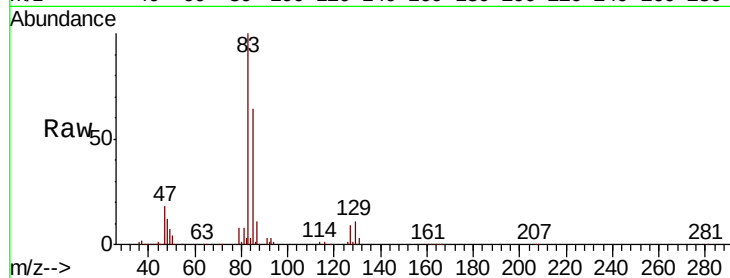
ClientSampleId :

VW0817SBSD01

Tot Ion:	83	Resp:	192314
Ion	Ratio	Lower	Upper
83	100		
85	64.0	50.7	76.1
127	8.6	6.5	9.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.79 ug/l

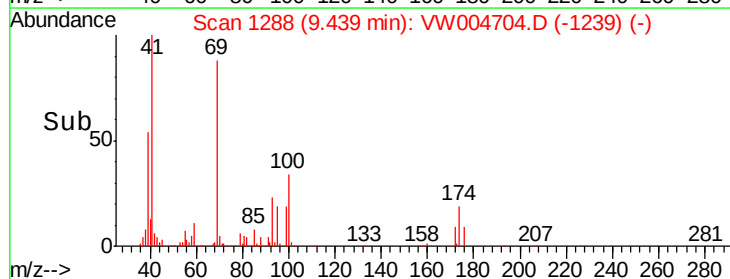
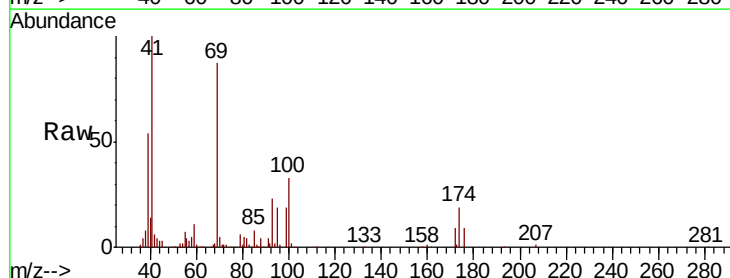
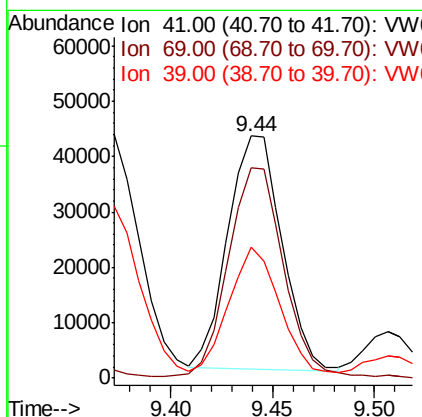
RT: 9.44 min Scan# 1288

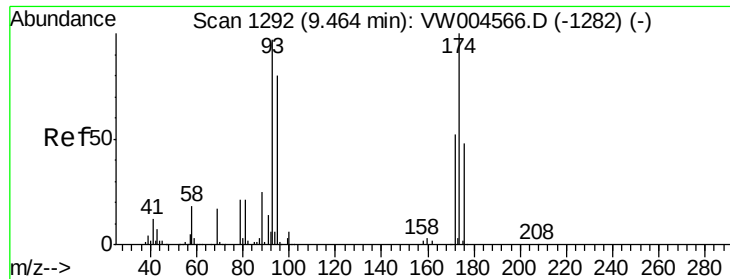
Delta R.T. 0.00 min

Lab File: VW004704.D

Acq: 15 Aug 2018 19:27

Tgt Ion:	41	Resp:	77340
Ion	Ratio	Lower	Upper
41	100		
69	92.8	73.2	109.8
39	49.8	40.6	60.8





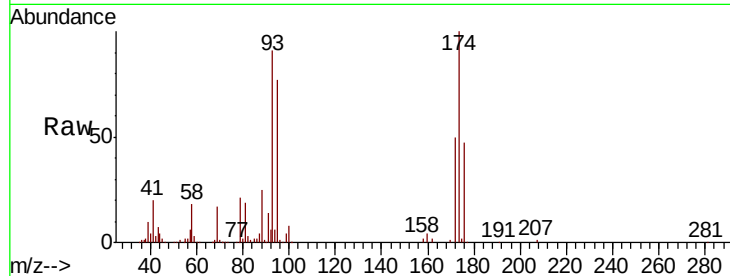
#49
1,4-Dioxane
Concen: 388.94 ug/l
RT: 9.46 min Scan# 1292
Delta R.T. -0.01 min
Lab File: VW004704.D
Acq: 15 Aug 2018 19:27

Instrument :
MSVOA_W
ClientSampleId :
VW0817SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	80.1	63.5	95.3

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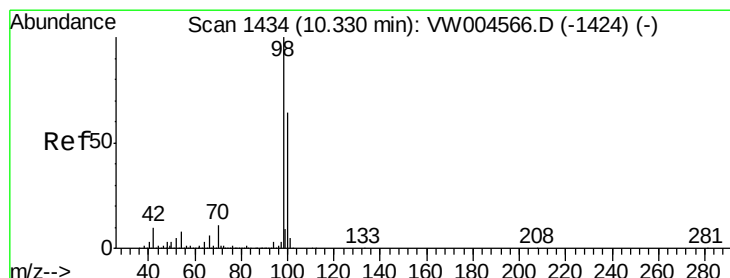
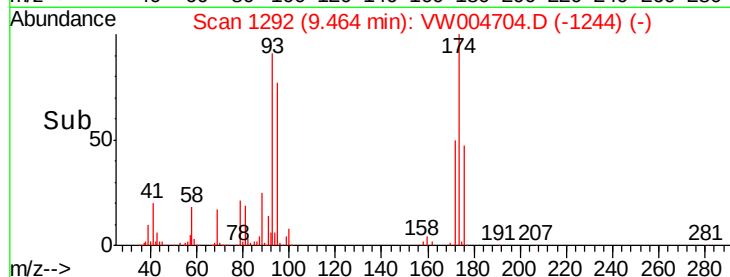
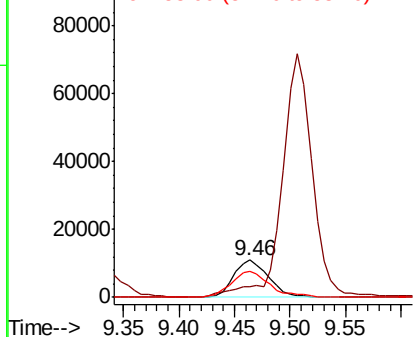


Abundance

Ion 88.00 (87.70 to 88.70): VW

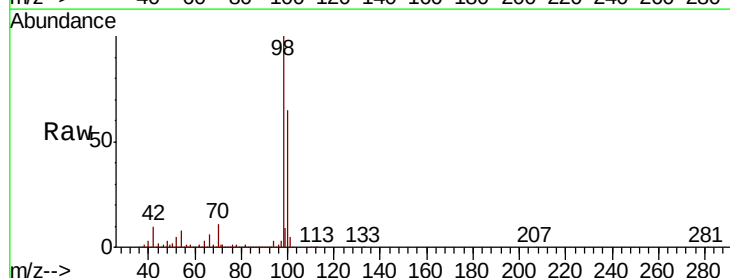
Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50
Toluene-d8
Concen: 51.32 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW004704.D
Acq: 15 Aug 2018 19:27

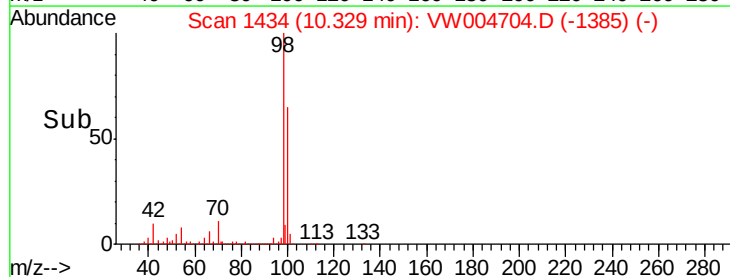
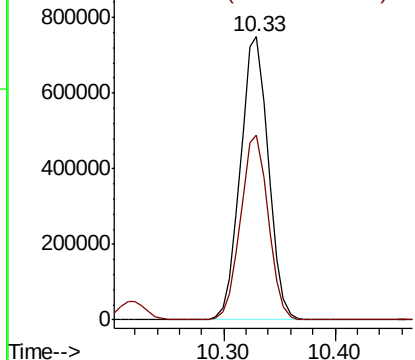
Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.4	77.2

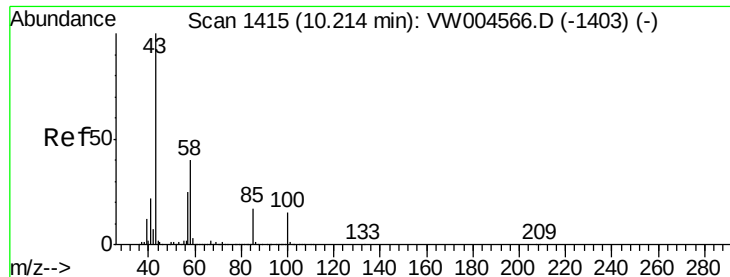


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





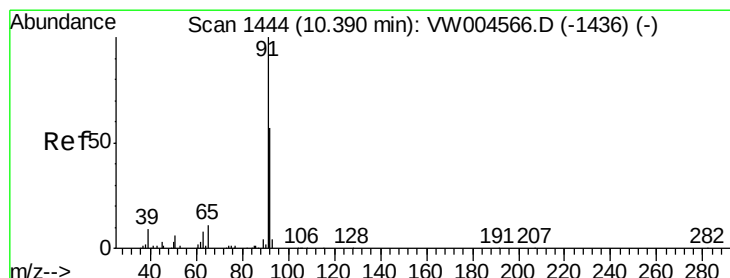
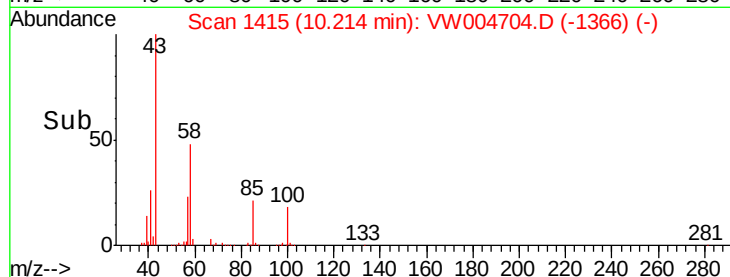
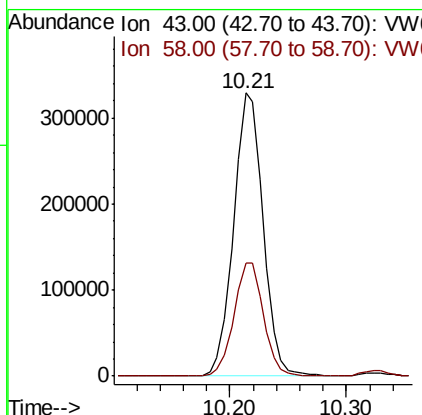
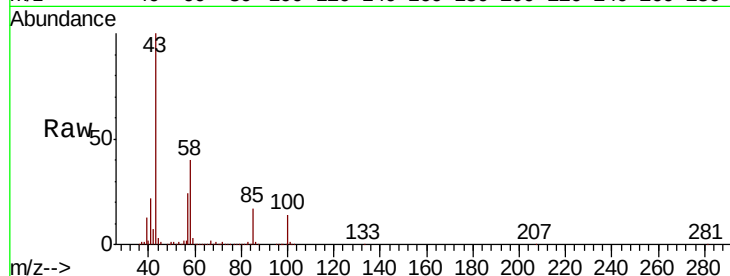
#51
4-Methyl-2-Pentanone
Concen: 94.38 ug/l
RT: 10.21 min Scan# 1415
Delta R.T. 0.00 min
Lab File: VW004704.D
Acq: 15 Aug 2018 19:27

Instrument :
MSVOA_W
ClientSampleId :
VW0817SBS01

Tot Ion	43	Resp	578691
Ion Ratio	Lower	Upper	
43	100		
58	40.2	31.9	47.9

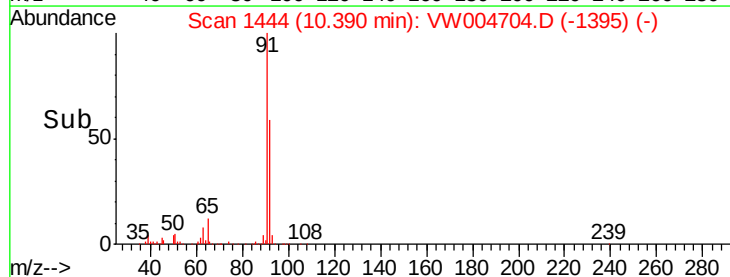
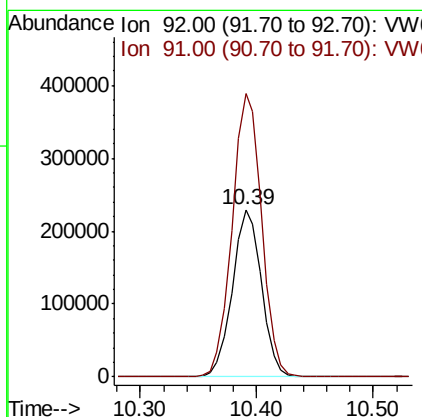
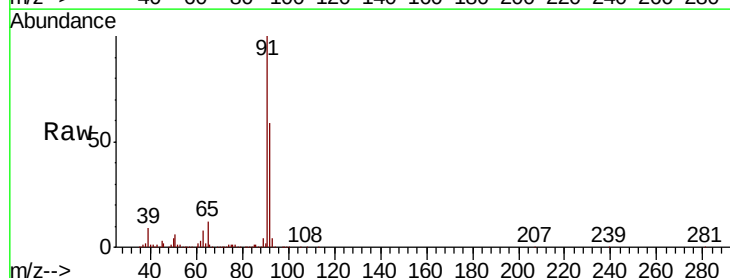
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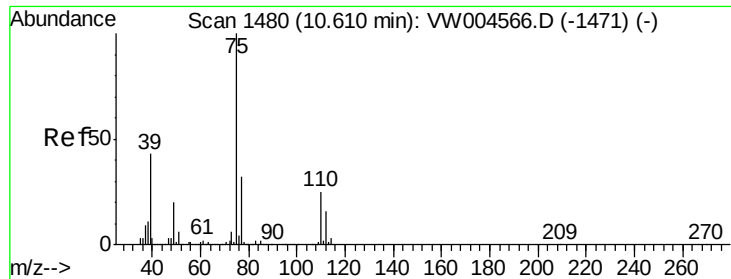
apatel
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#52
Toluene
Concen: 21.25 ug/l
RT: 10.39 min Scan# 1444
Delta R.T. 0.00 min
Lab File: VW004704.D
Acq: 15 Aug 2018 19:27

Tgt Ion	92	Resp	396992
Ion Ratio	Lower	Upper	
92	100		
91	172.1	137.9	206.9





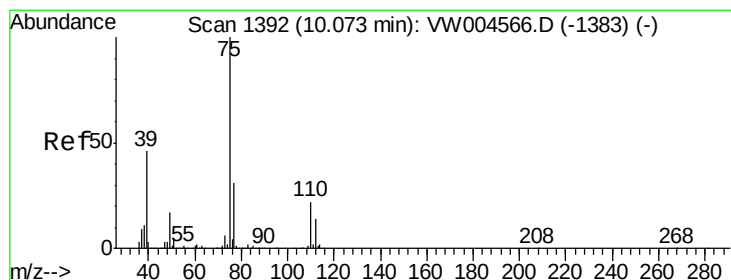
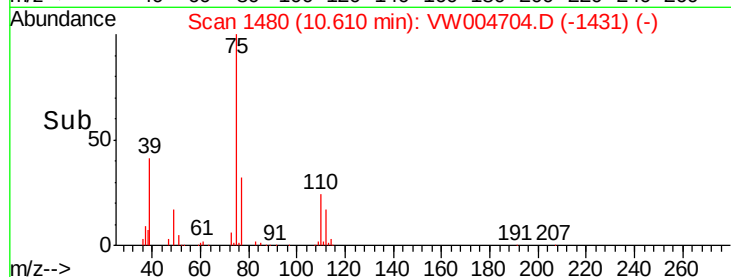
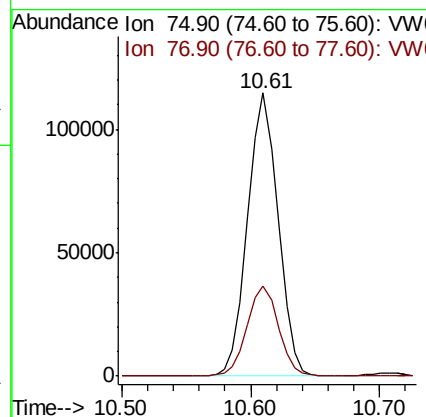
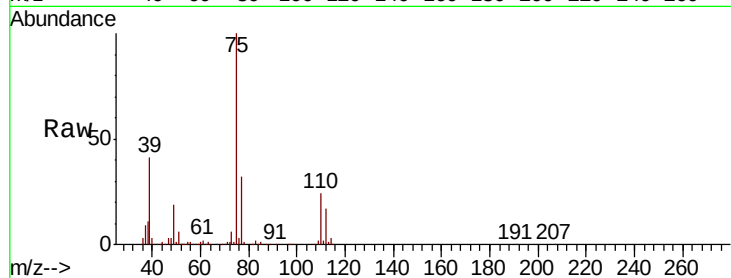
#53
t-1,3-Dichloropropene
Concen: 19.57 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VW004704.D
Acq: 15 Aug 2018 19:27

Instrument :
MSVOA_W
ClientSampleId :
VW0817SBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.1	37.7

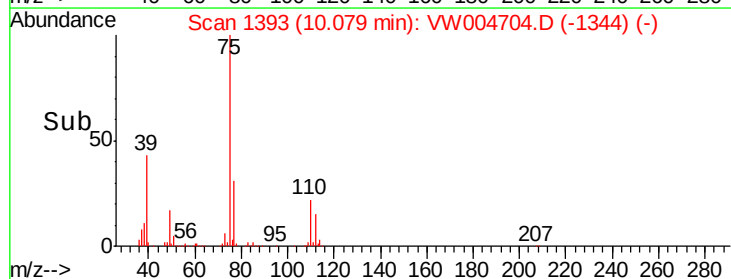
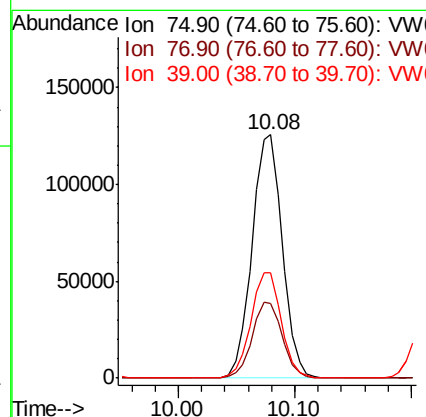
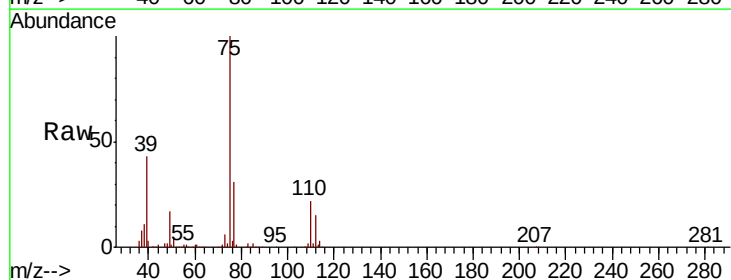
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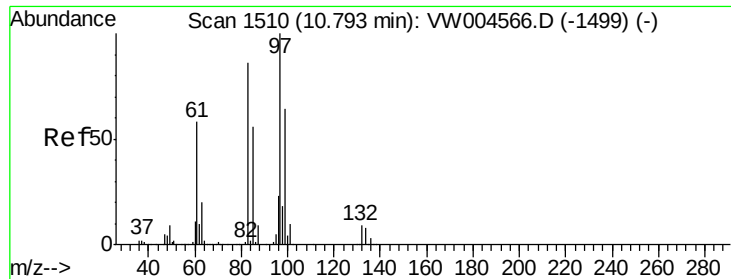
apatel
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#54
cis-1,3-Dichloropropene
Concen: 20.37 ug/l
RT: 10.08 min Scan# 1393
Delta R.T. 0.00 min
Lab File: VW004704.D
Acq: 15 Aug 2018 19:27

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.5	25.3	37.9
39	43.0	34.5	51.7





#55

1,1,2-Trichloroethane

Concen: 19.70 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VW004704.D

Acq: 15 Aug 2018 19:27

Instrument :

MSVOA_W

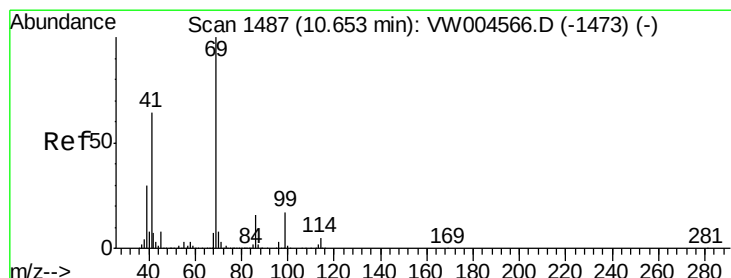
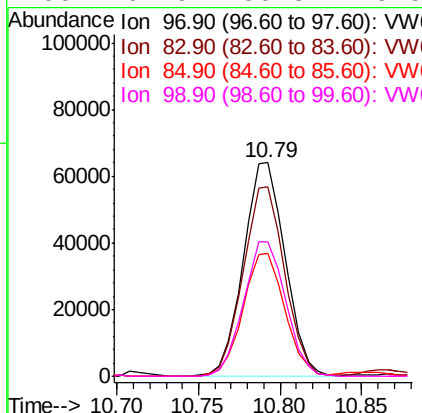
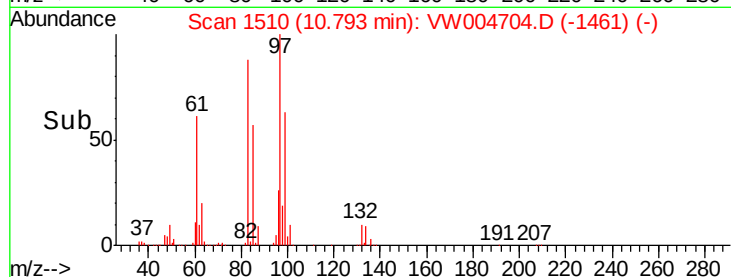
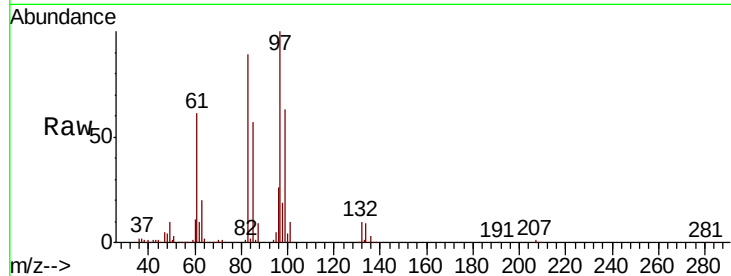
ClientSampleId :

VW0817SBS01

Tot Ion:	97	Resp:	114036
Ion	Ratio	Lower	Upper
97	100		
83	88.5	69.8	104.8
85	57.5	45.1	67.7
99	62.9	50.3	75.5

Manual Integrations
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#56

Ethyl methacrylate

Concen: 19.15 ug/l

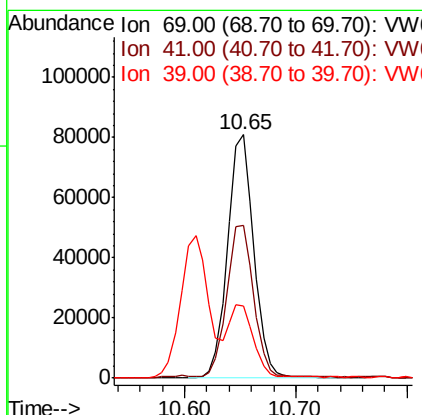
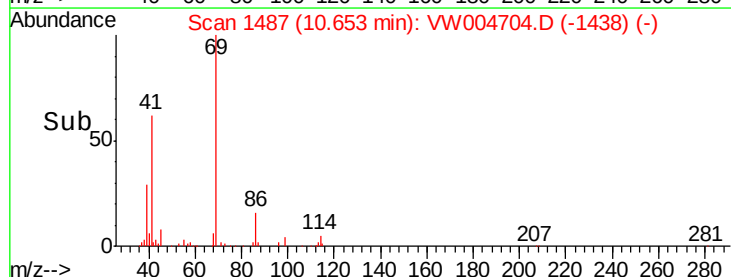
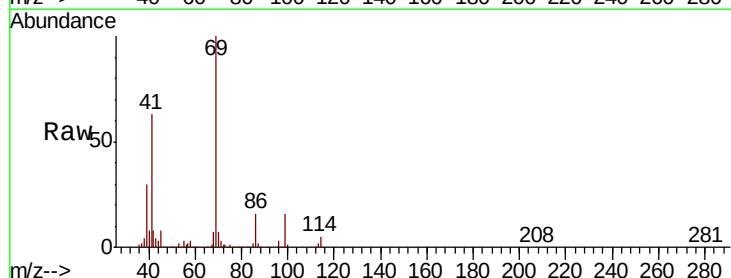
RT: 10.65 min Scan# 1487

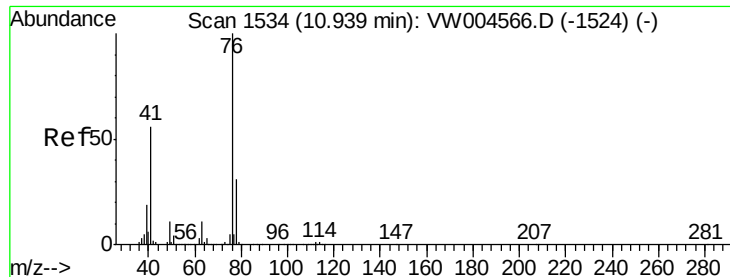
Delta R.T. 0.00 min

Lab File: VW004704.D

Acq: 15 Aug 2018 19:27

Tgt Ion:	69	Resp:	132761
Ion	Ratio	Lower	Upper
69	100		
41	63.7	52.4	78.6
39	28.0	22.7	34.1





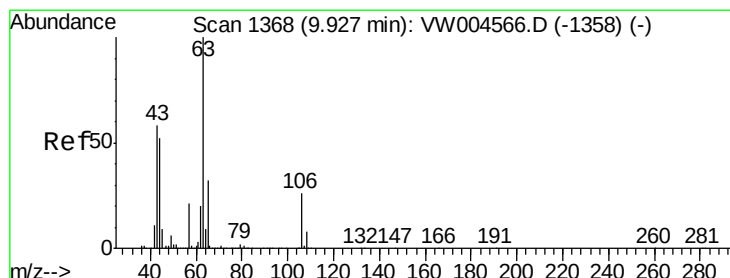
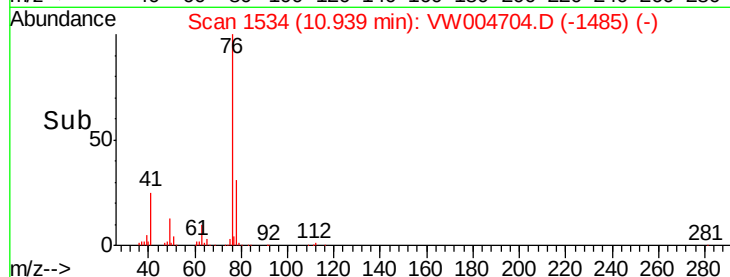
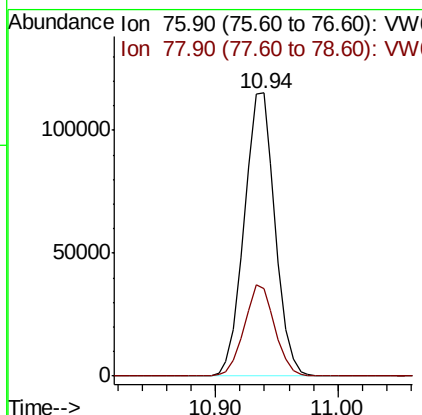
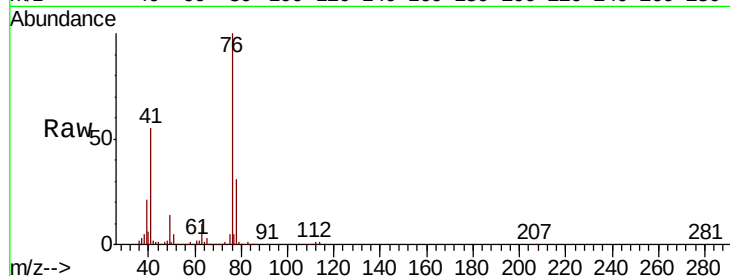
#57
 1,3-Dichloropropane
 Concen: 20.21 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VW004704.D
 Acq: 15 Aug 2018 19:27

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0817SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.9	25.7	38.5

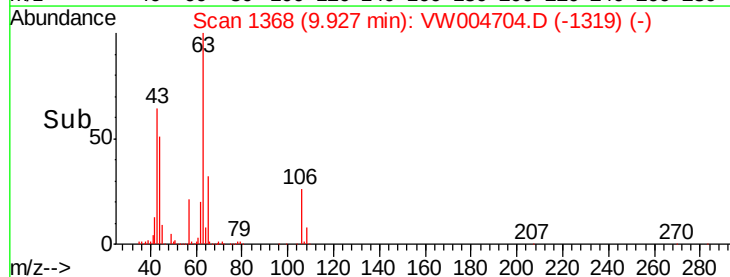
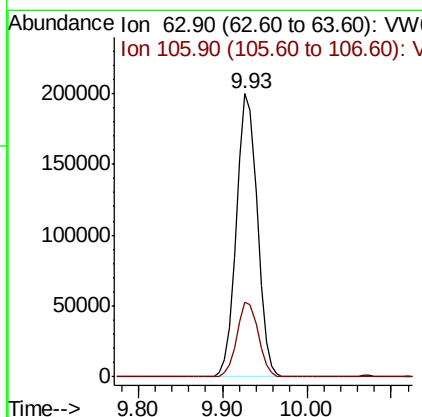
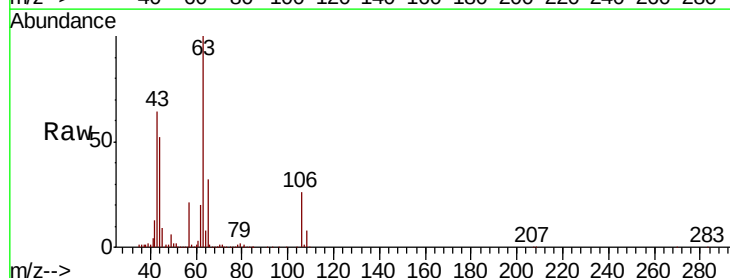
Manual Integrations
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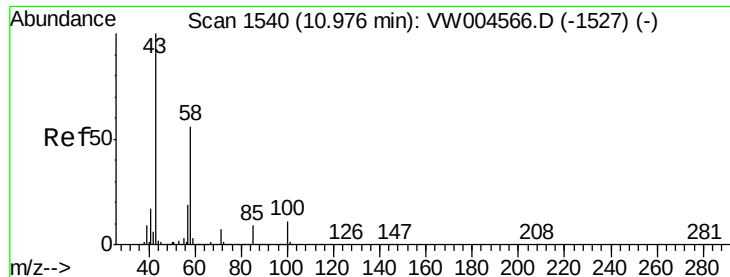
apatel
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#58
 2-Chloroethyl Vinyl ether
 Concen: 96.16 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VW004704.D
 Acq: 15 Aug 2018 19:27

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.1	21.3	31.9





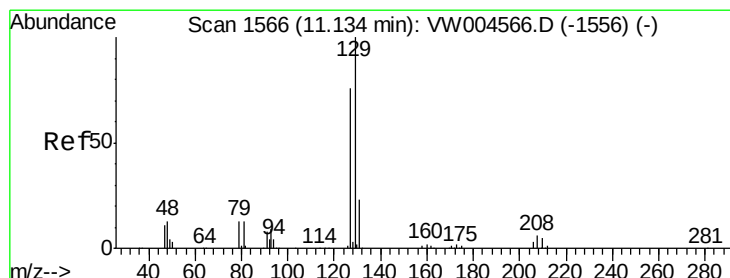
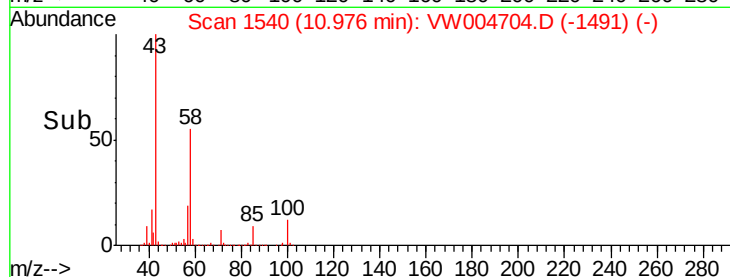
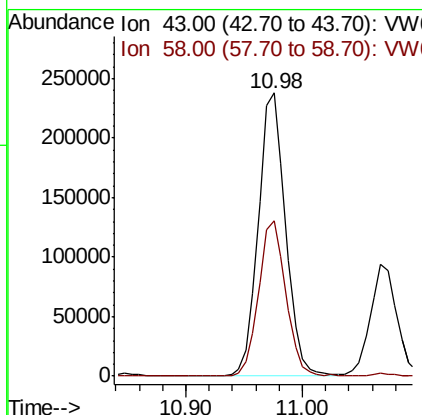
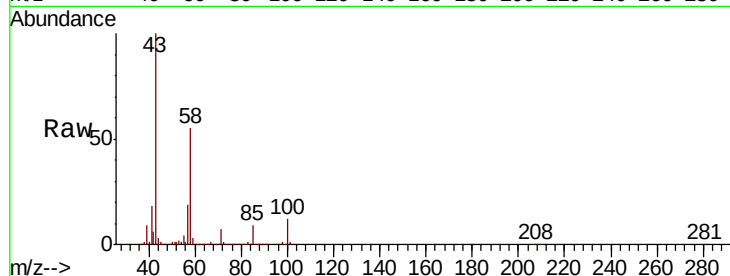
#59
2-Hexanone
Concen: 93.04 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW004704.D
Acq: 15 Aug 2018 19:27

Instrument :
MSVOA_W
ClientSampled :
VW0817SBSD01

Tot Ion: 43 Resp: 386779
Ion Ratio Lower Upper
43 100
58 54.9 27.9 83.6

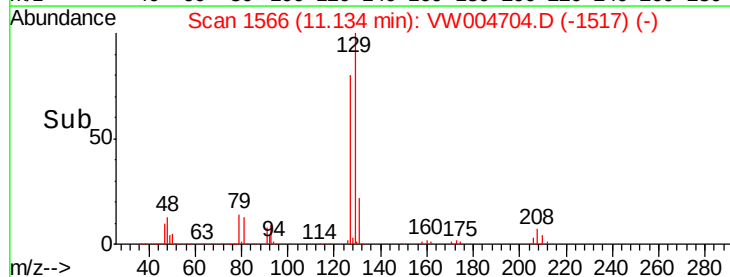
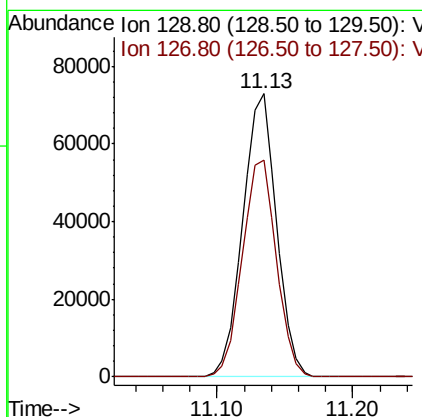
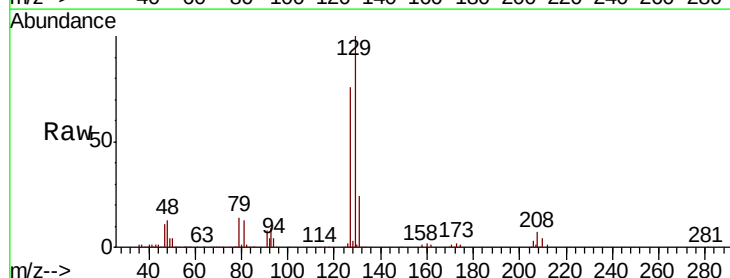
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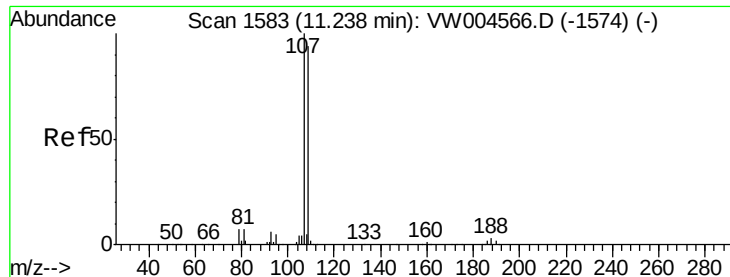
apatel
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#60
Dibromochloromethane
Concen: 20.11 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW004704.D
Acq: 15 Aug 2018 19:27

Tgt Ion: 129 Resp: 126659
Ion Ratio Lower Upper
129 100
127 77.6 38.6 115.8





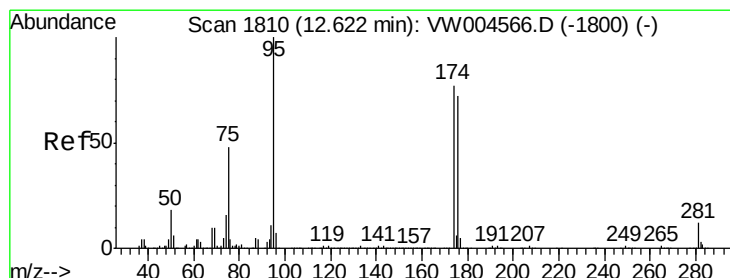
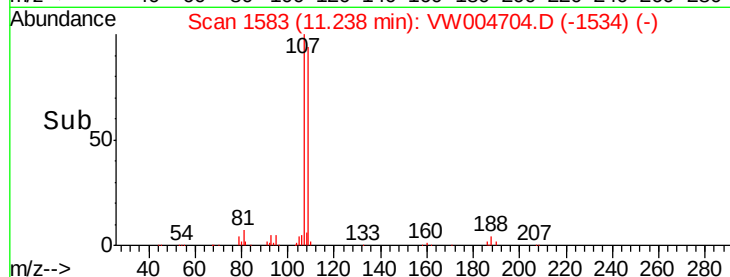
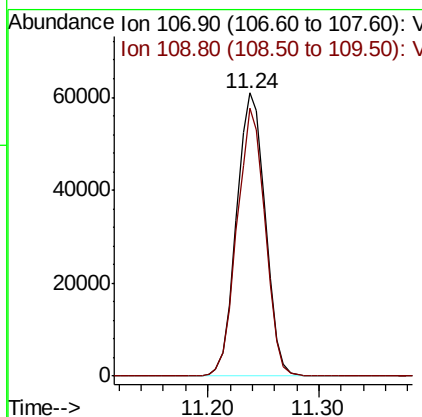
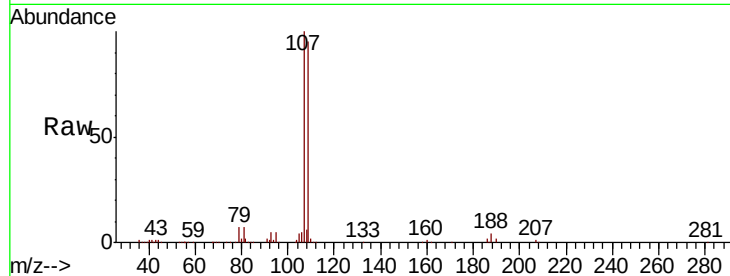
#61
 1,2-Dibromoethane
 Concen: 19.98 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW004704.D
 Acq: 15 Aug 2018 19:27

Instrument :
 MSVOA_W
 ClientSampled :
 VW0817SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
107	100	108692		
109	92.5	75.7	113.5	

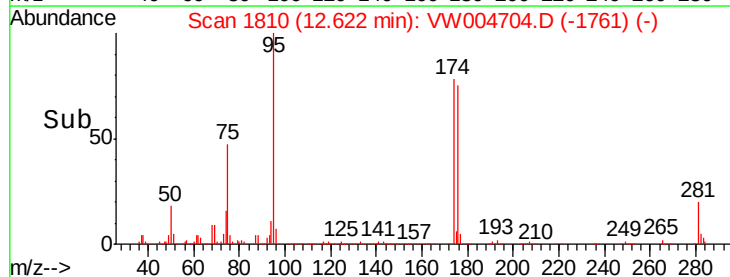
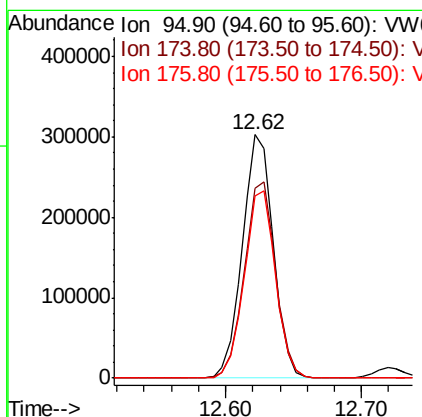
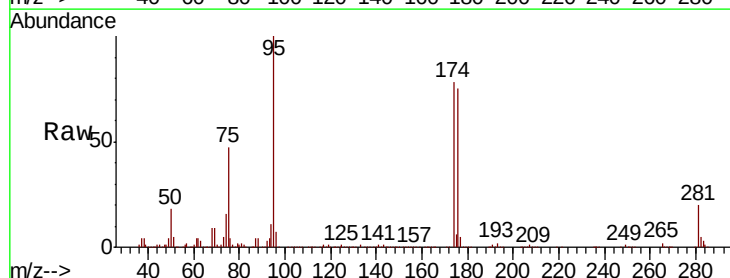
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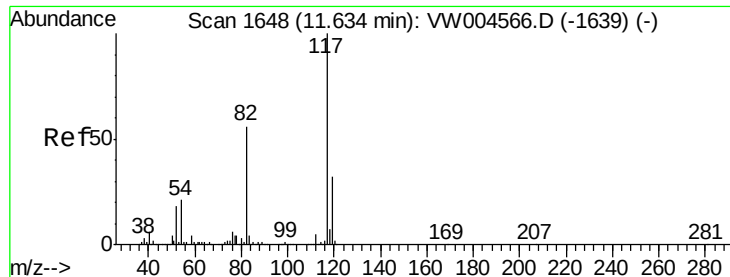
apatel
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#62
 4-Bromofluorobenzene
 Concen: 52.27 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW004704.D
 Acq: 15 Aug 2018 19:27

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	479597		
174	81.7	0.0	160.4	
176	78.1	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: VW004704.D

Acq: 15 Aug 2018 19:27

Instrument :

MSVOA_W

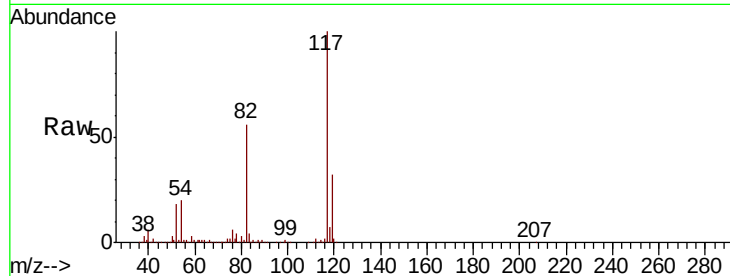
ClientSampleId :

VW0817SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
117	100		951941		
82	56.3	45.3	67.9		
119	31.9	26.2	39.4		

Manual Integrations
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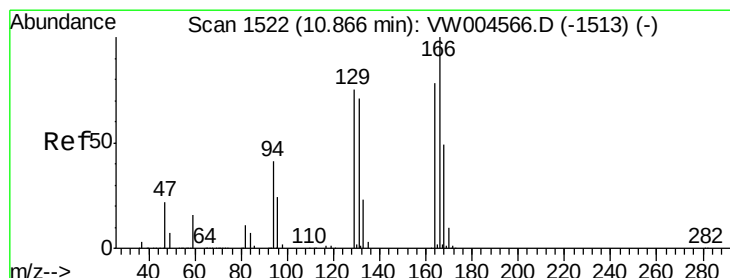
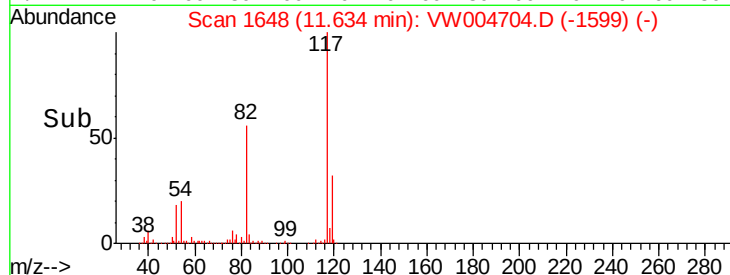
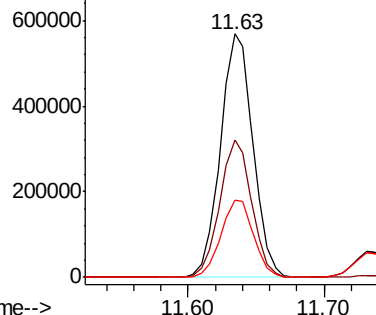


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 21.06 ug/l

RT: 10.87 min Scan# 1522

Delta R.T. 0.00 min

Lab File: VW004704.D

Acq: 15 Aug 2018 19:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
164	100		139869		
166	128.6	98.4	147.6		
129	91.2	73.6	110.4		
131	90.2	73.1	109.7		

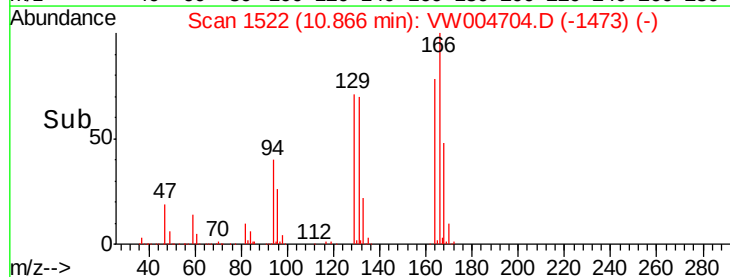
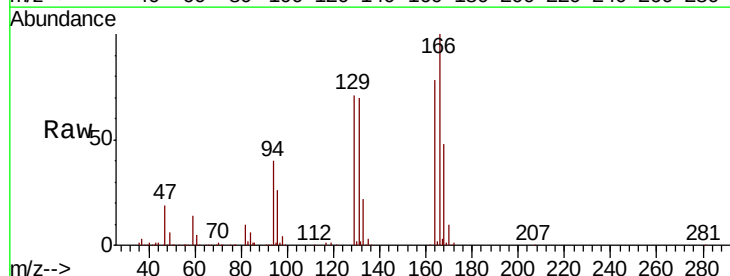
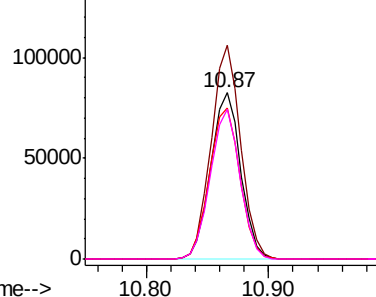
Abundance

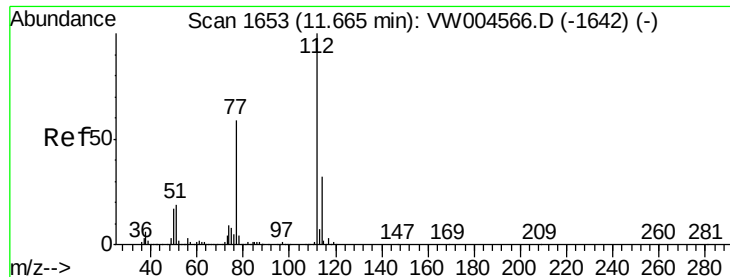
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





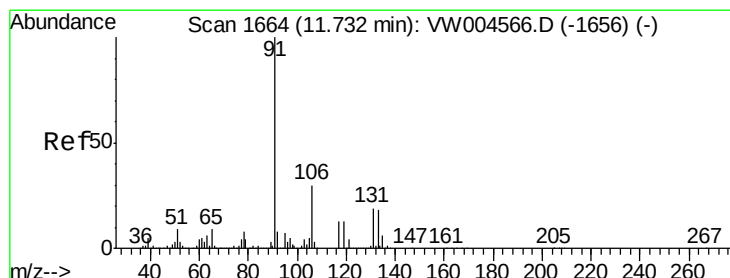
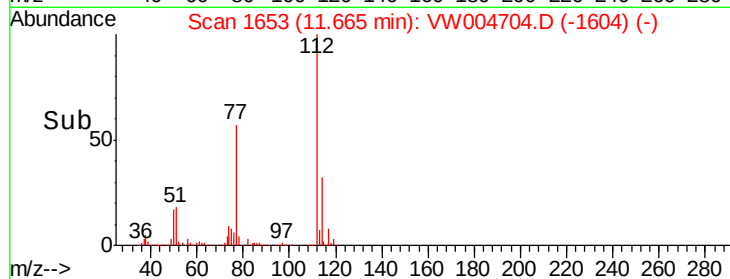
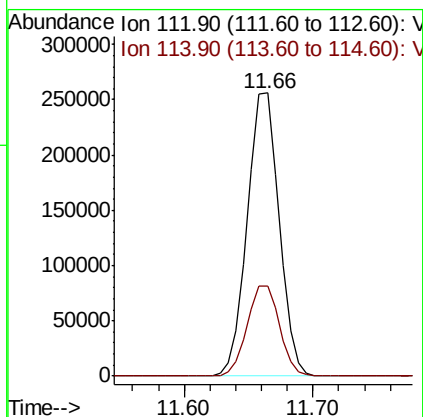
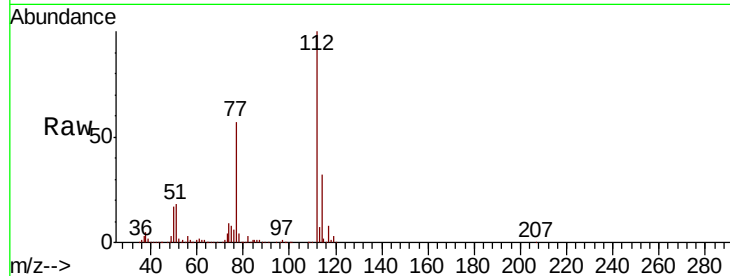
#65
Chlorobenzene
Concen: 20.84 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW004704.D
Acq: 15 Aug 2018 19:27

Instrument :
MSVOA_W
ClientSampleId :
VW0817SBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.9	26.0	39.0

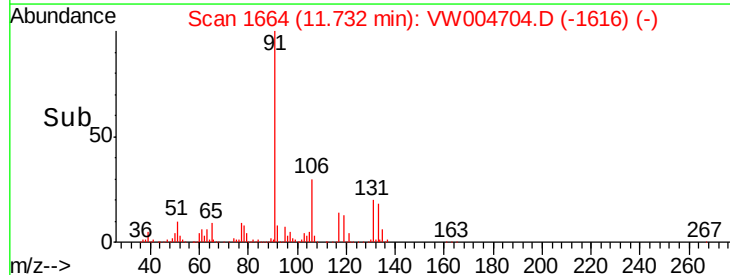
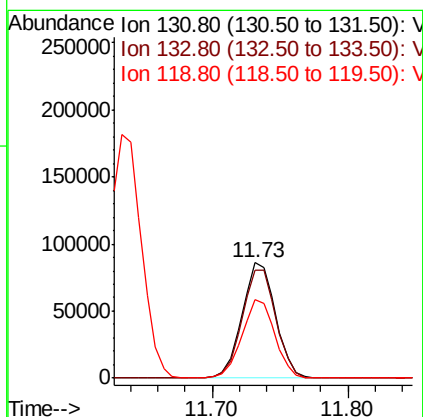
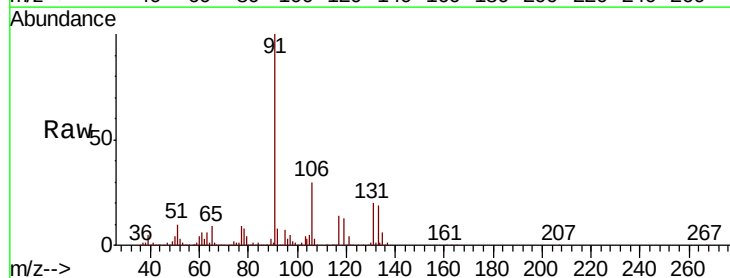
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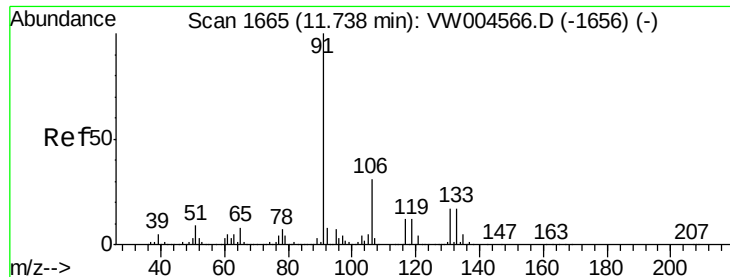
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.68 ug/l
RT: 11.73 min Scan# 1664
Delta R.T. -0.01 min
Lab File: VW004704.D
Acq: 15 Aug 2018 19:27

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.2	48.1	144.4
119	66.8	33.9	101.7





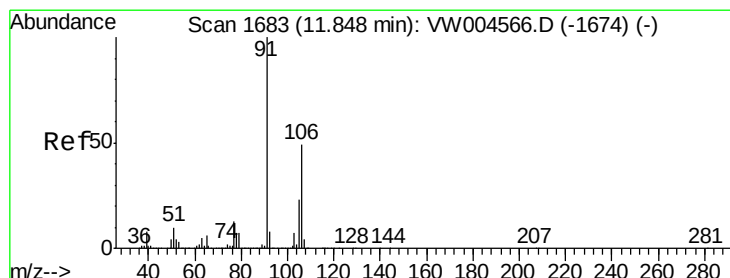
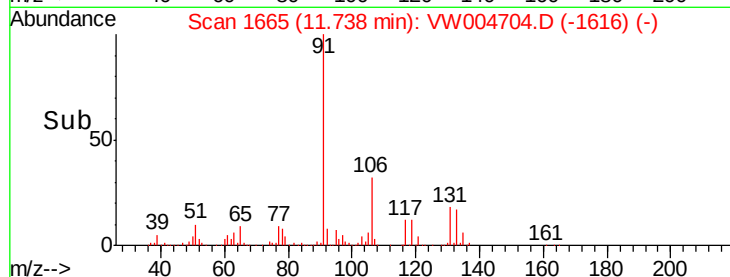
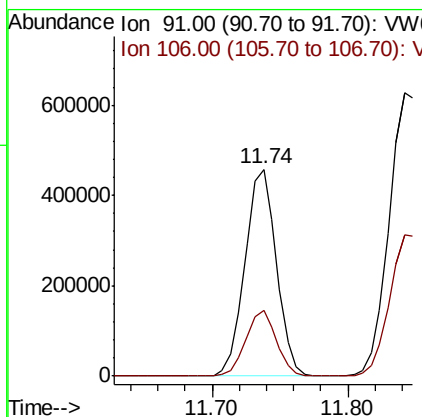
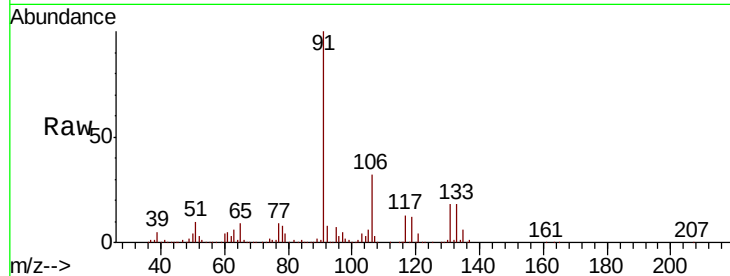
#67
Ethyl Benzene
Concen: 20.78 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW004704.D
Acq: 15 Aug 2018 19:27

Instrument :
MSVOA_W
ClientSampled :
VW0817SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
106	31.6	24.2	36.2

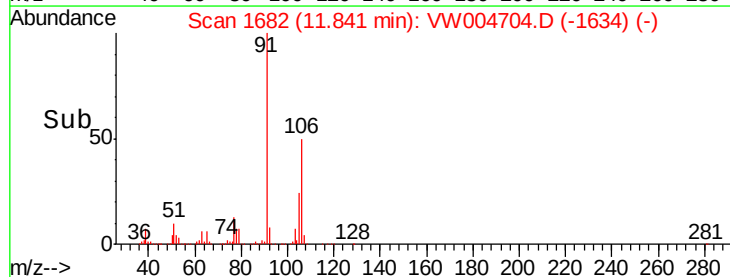
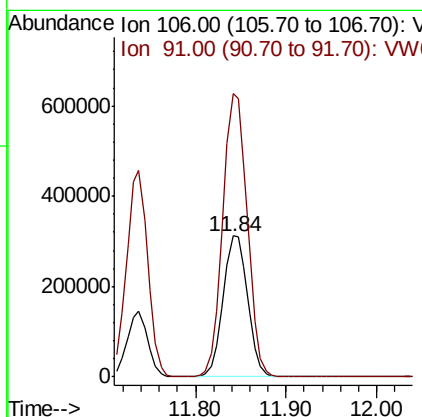
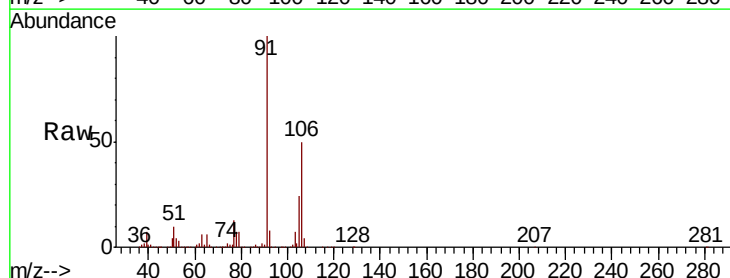
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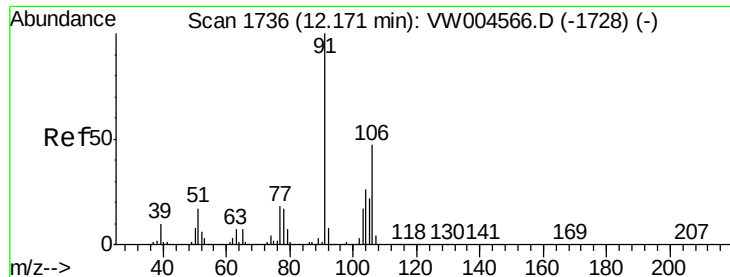
apatel
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#68
m/p-Xylenes
Concen: 42.78 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. -0.01 min
Lab File: VW004704.D
Acq: 15 Aug 2018 19:27

Tgt Ion	Ratio	Lower	Upper
106	100		
91	200.5	162.8	244.2





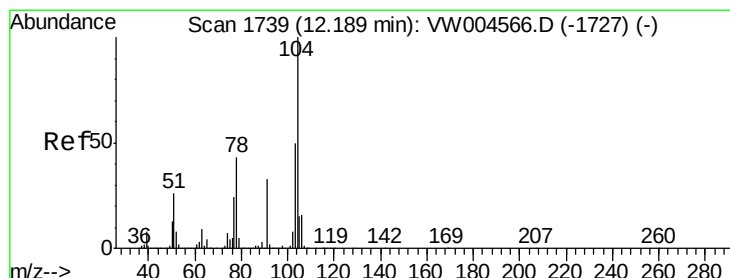
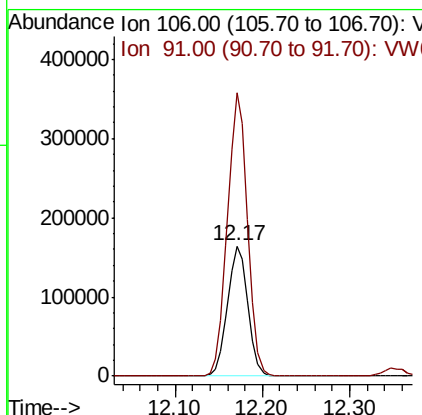
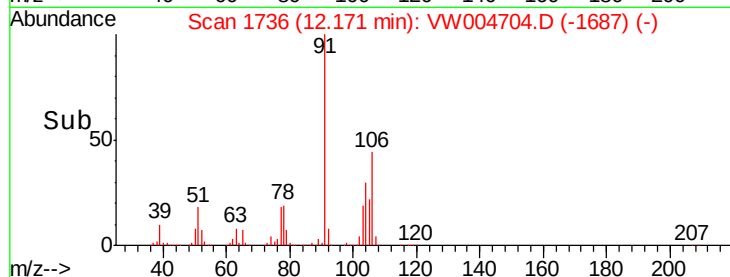
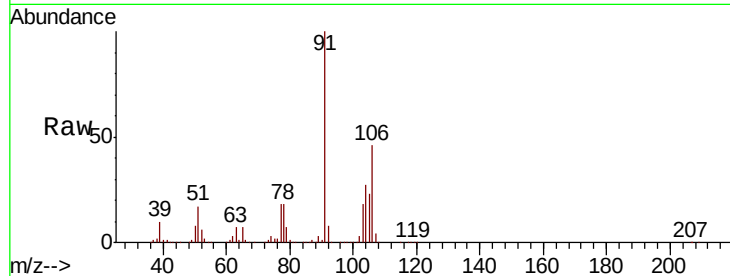
#69
o-Xylene
Concen: 20.80 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW004704.D
Acq: 15 Aug 2018 19:27

Instrument :
MSVOA_W
ClientSampleId :
VW0817SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	265181		
91	91	214.9	106.7	320.2	

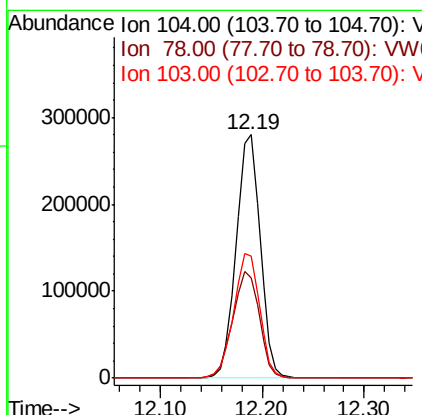
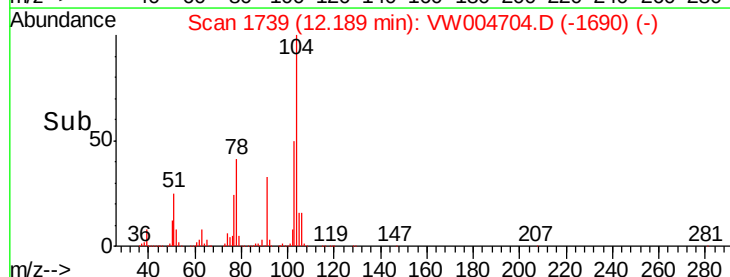
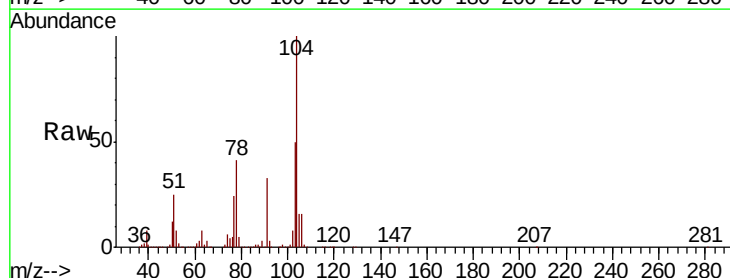
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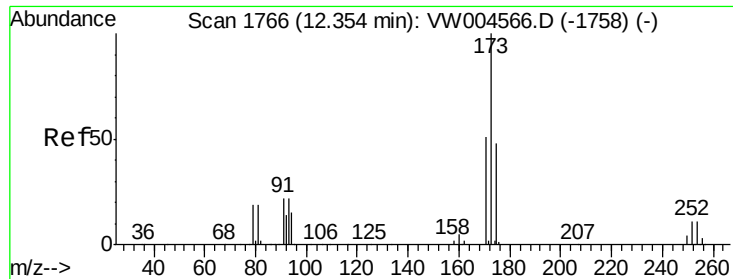
apatel
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#70
Styrene
Concen: 21.18 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW004704.D
Acq: 15 Aug 2018 19:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	456110		
78	78	48.5	39.0	58.4	
103	103	55.3	44.2	66.2	





#71

Bromoform

Concen: 19.70 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW004704.D

Acq: 15 Aug 2018 19:27

Instrument :

MSVOA_W

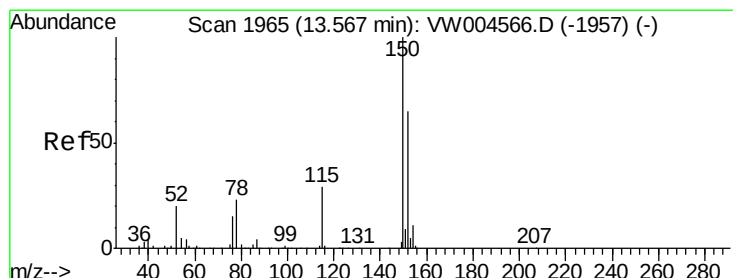
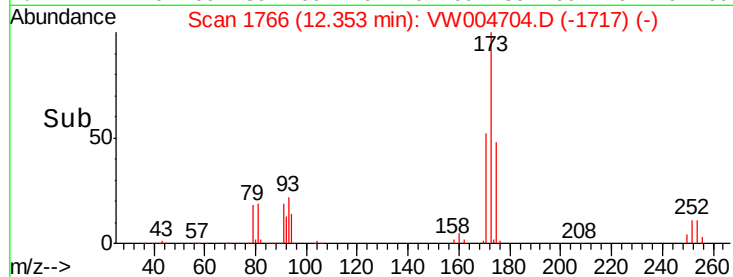
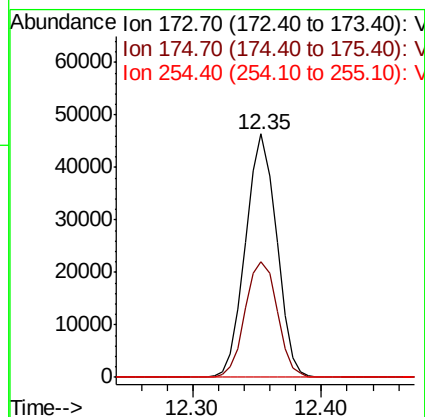
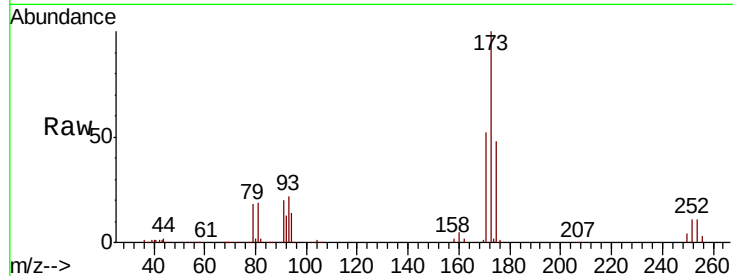
ClientSampleId :

VW0817SBSD01

Tot Ion:	173	Resp:	77344
Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.5	73.5
254	0.2	0.2	0.2

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

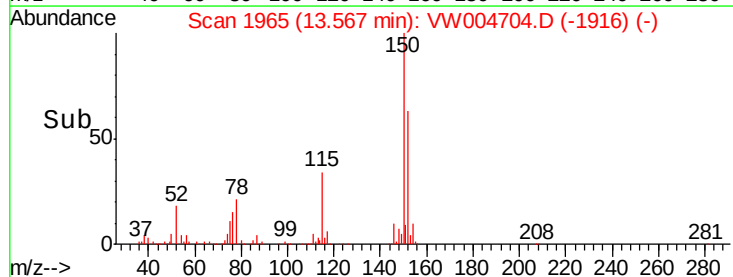
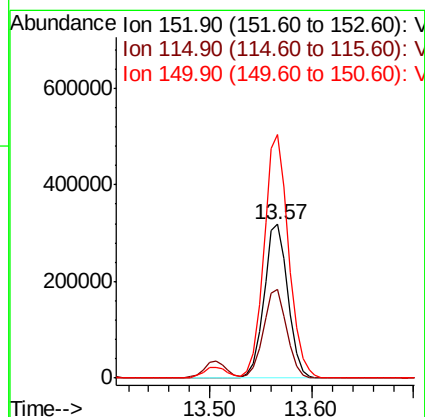
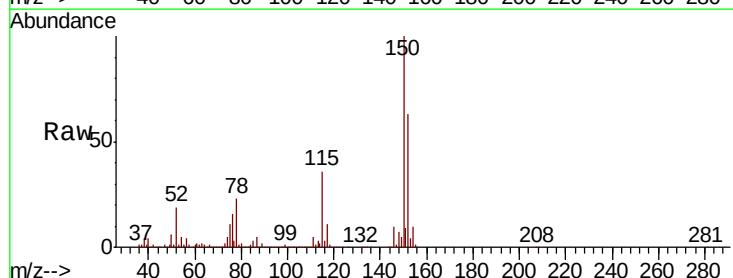
RT: 13.57 min Scan# 1965

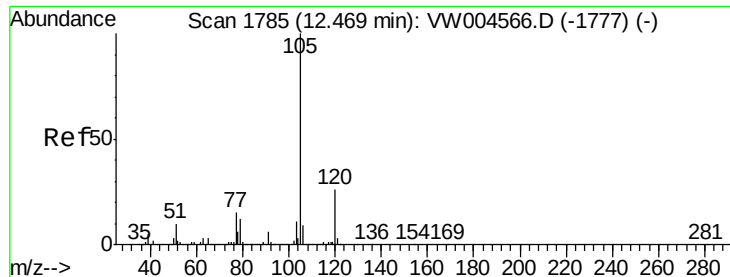
Delta R.T. 0.00 min

Lab File: VW004704.D

Acq: 15 Aug 2018 19:27

Tgt Ion:	152	Resp:	514188
Ion	Ratio	Lower	Upper
152	100		
115	57.1	29.1	87.3
150	163.8	0.0	349.6





#73

Isopropylbenzene

Concen: 20.69 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW004704.D

Acq: 15 Aug 2018 19:27

Instrument :

MSVOA_W

ClientSampleId :

VW0817SBS01

Tot Ion: 105 Resp: 735971

Ion Ratio Lower Upper

105 100

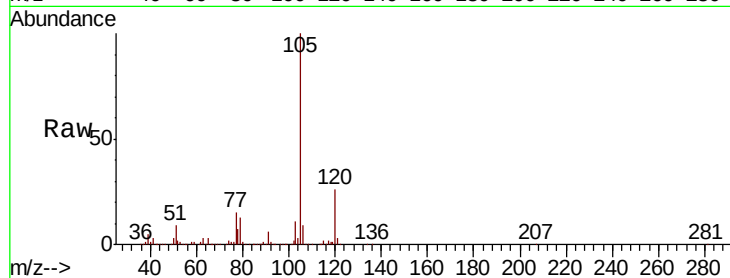
120 26.4 13.2 39.6

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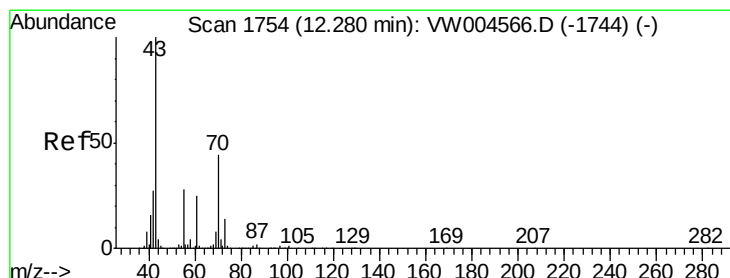
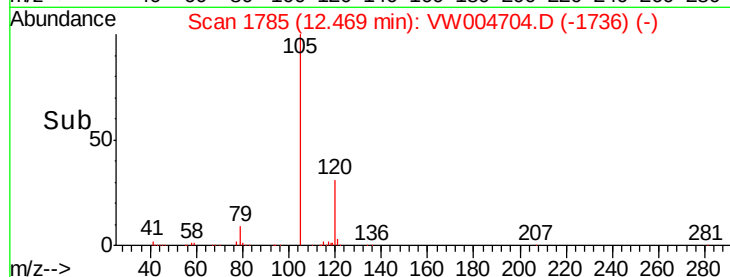
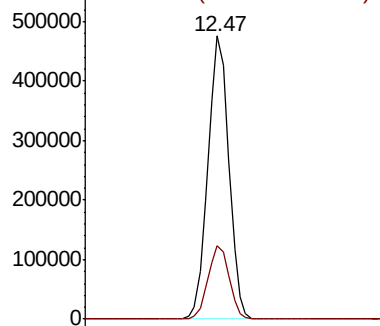
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.13 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW004704.D

Acq: 15 Aug 2018 19:27

Tgt Ion: 43 Resp: 156319

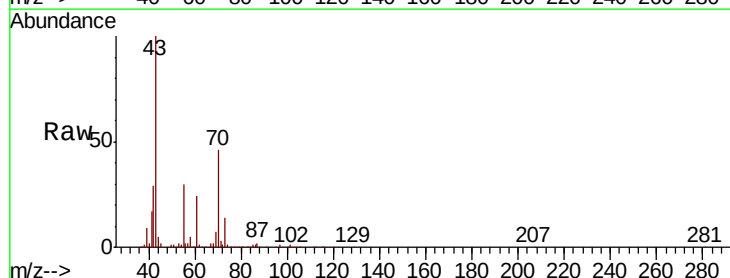
Ion Ratio Lower Upper

43 100

70 45.0 35.3 52.9

55 30.5 22.9 34.3

61 24.8 19.7 29.5

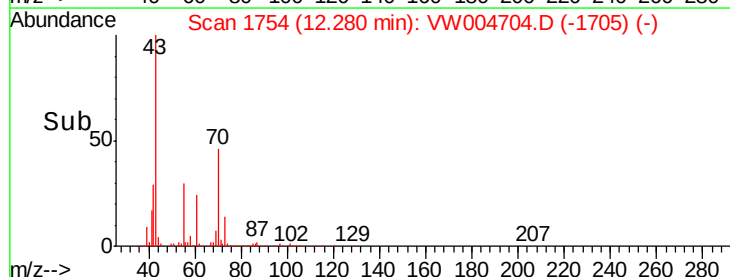
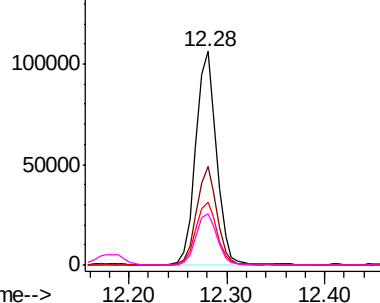


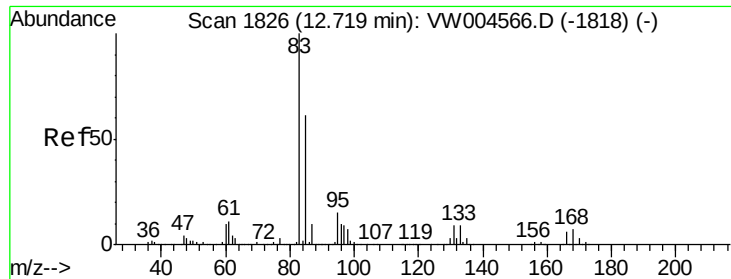
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 19.28 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW004704.D

Acq: 15 Aug 2018 19:27

Instrument :

MSVOA_W

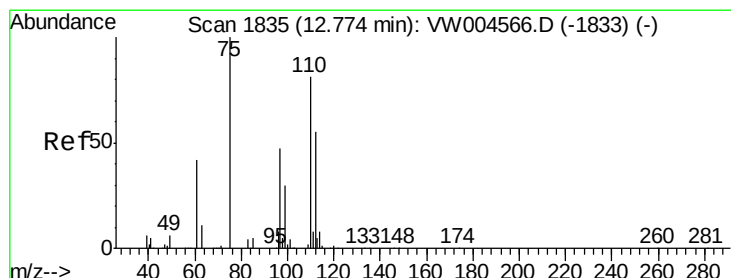
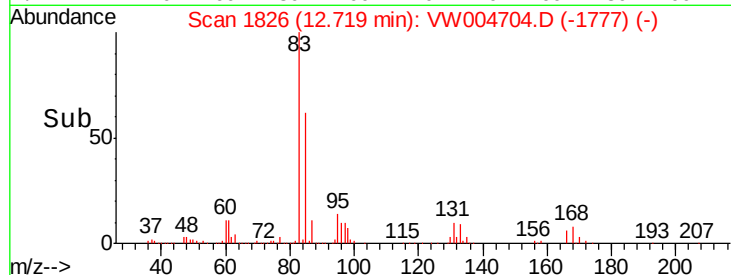
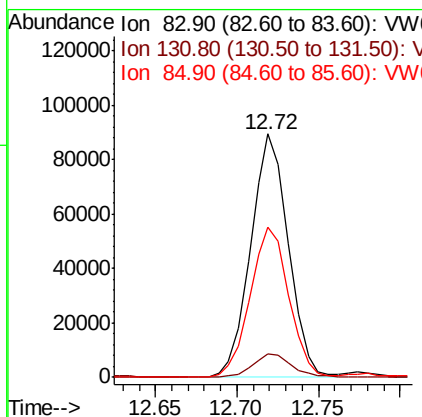
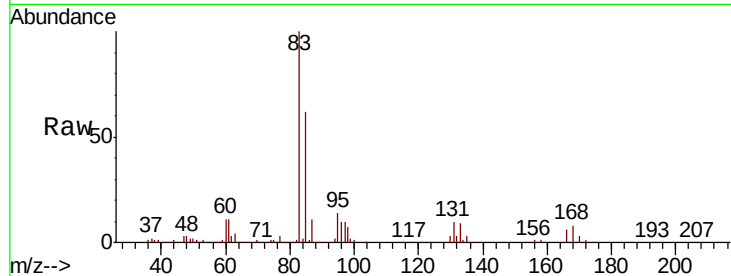
ClientSampleId :

VW0817SBS01

Tot Ion:	83	Resp:	143174
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.0	15.0
85	63.4	31.8	95.4

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#76

1,2,3-Trichloropropane

Concen: 17.41 ug/l m

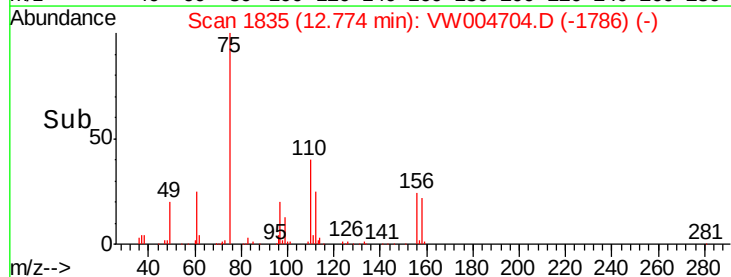
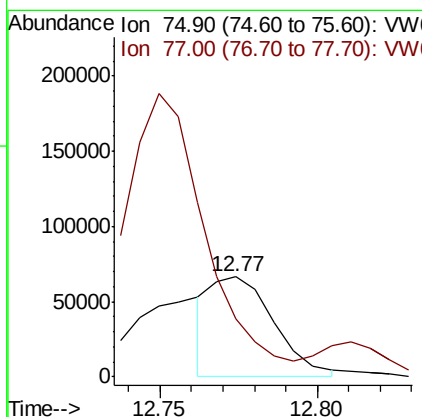
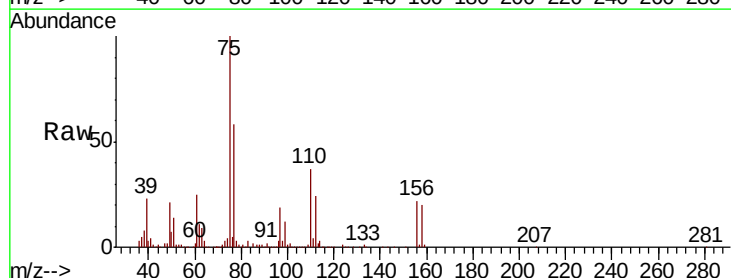
RT: 12.77 min Scan# 1835

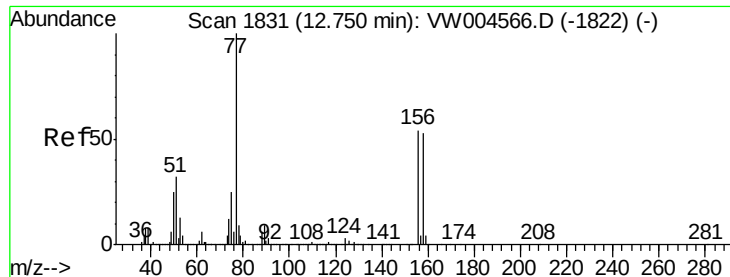
Delta R.T. 0.00 min

Lab File: VW004704.D

Acq: 15 Aug 2018 19:27

Tgt Ion:	75	Resp:	92615
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





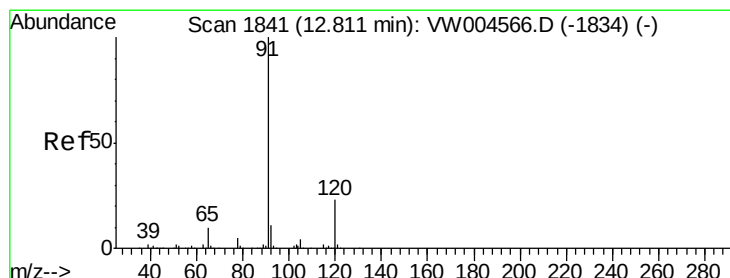
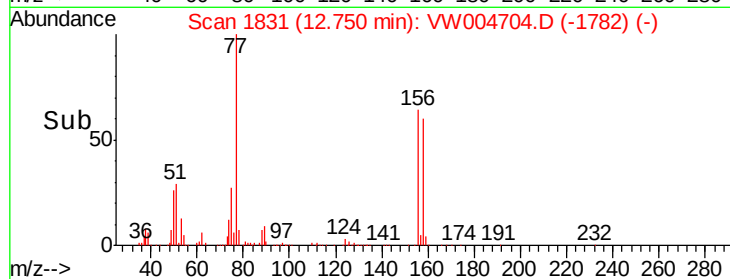
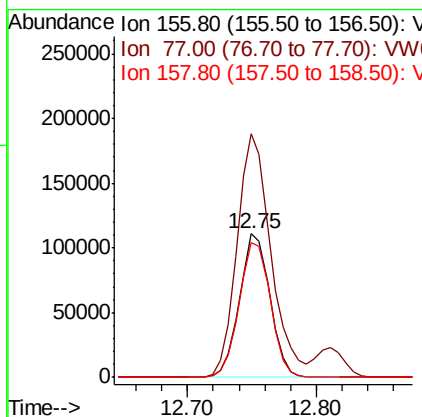
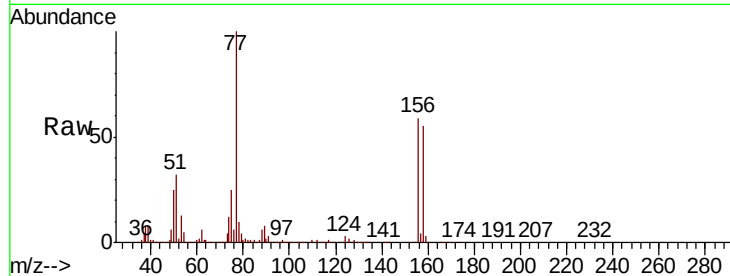
#77
Bromobenzene
Concen: 21.05 ug/l
RT: 12.75 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VW004704.D
Acq: 15 Aug 2018 19:27

Instrument :
MSVOA_W
ClientSampleId :
VW0817SBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	189.0	98.7	296.1
158	96.3	48.7	146.1

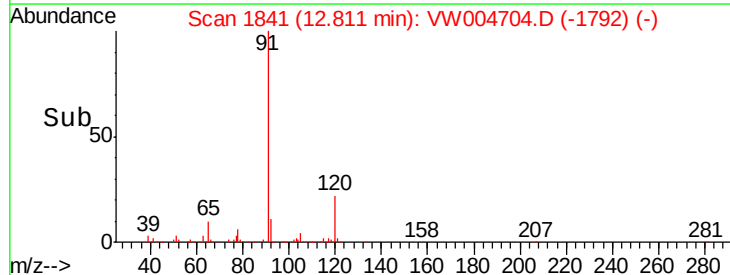
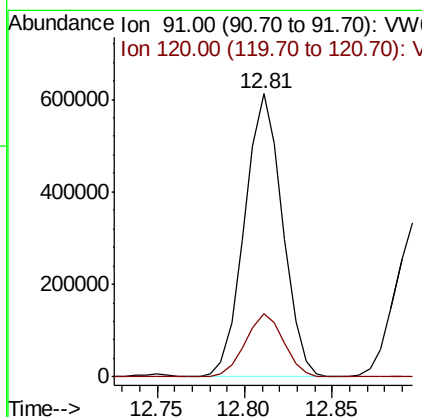
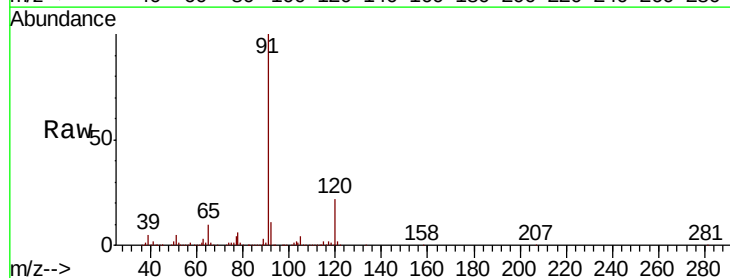
Manual Integrations
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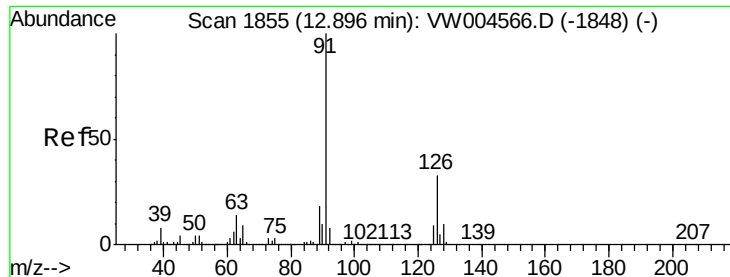
apatel
8/16/2018 10:01:34 AM



#78
n-propylbenzene
Concen: 21.01 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VW004704.D
Acq: 15 Aug 2018 19:27

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.6	11.3	33.9





#79

2-Chlorotoluene

Concen: 20.76 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW004704.D

Acq: 15 Aug 2018 19:27

Instrument :

MSVOA_W

ClientSampleId :

VW0817SBS01

Tot Ion: 91 Resp: 527265

Ion Ratio Lower Upper

91 100

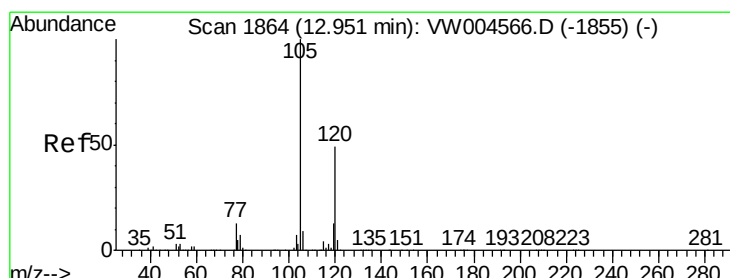
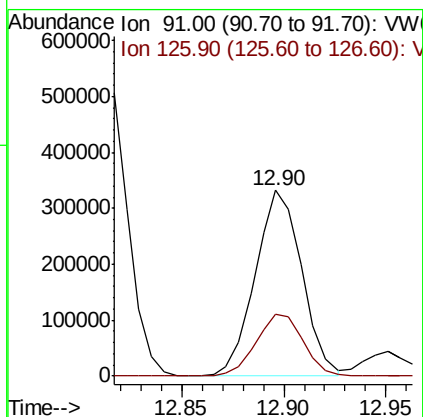
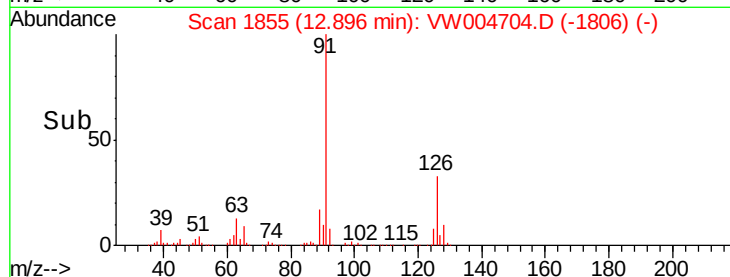
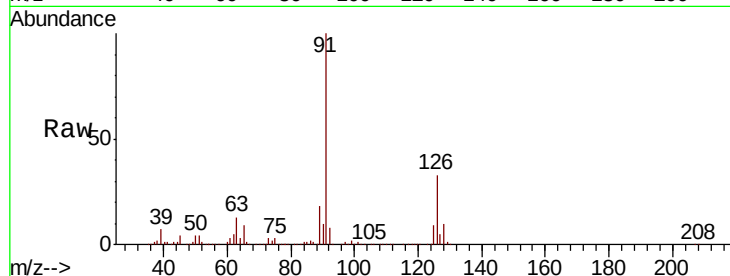
126 33.9 16.6 49.8

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 21.17 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW004704.D

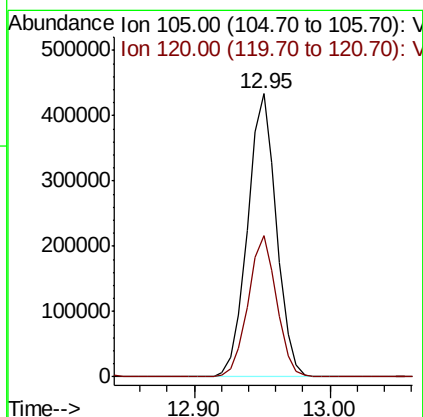
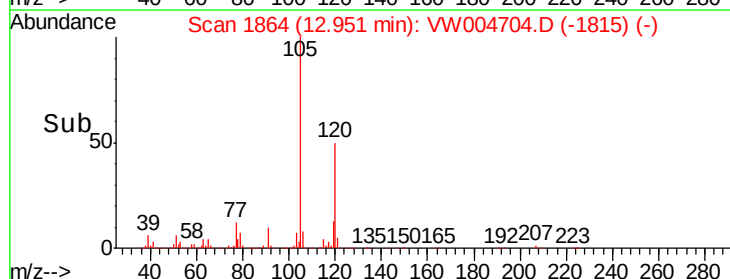
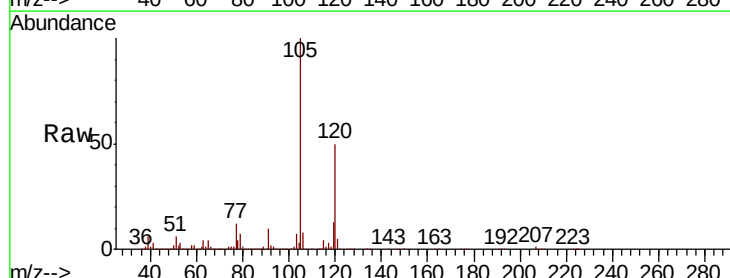
Acq: 15 Aug 2018 19:27

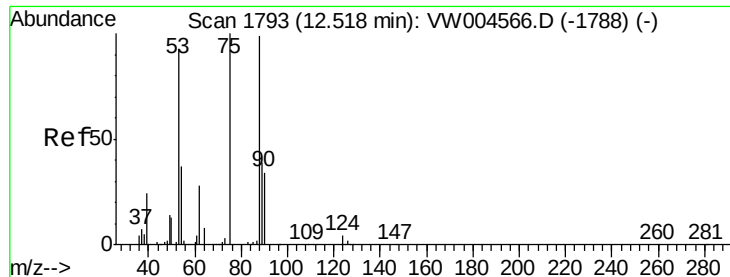
Tgt Ion: 105 Resp: 642423

Ion Ratio Lower Upper

105 100

120 49.5 24.6 73.8





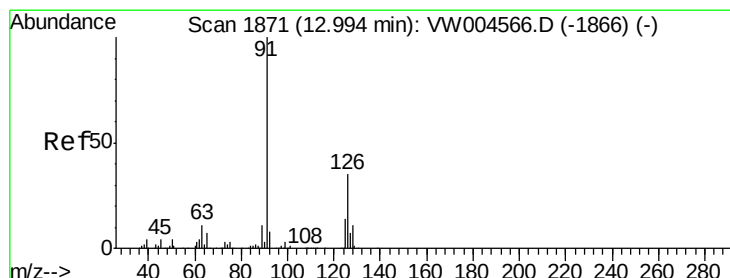
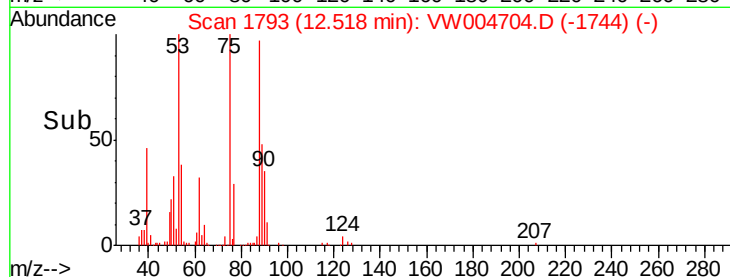
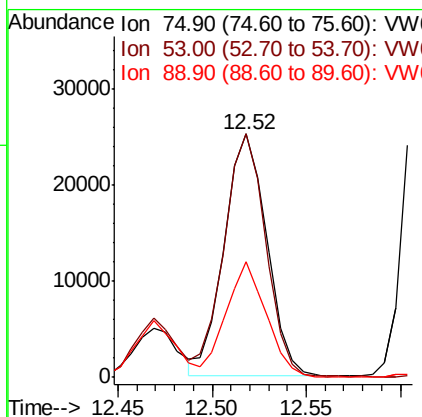
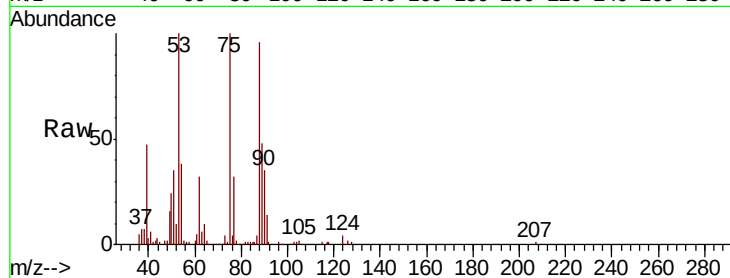
#81
trans-1,4-Dichloro-2-butene
Concen: 17.83 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VW004704.D
Acq: 15 Aug 2018 19:27

Instrument :
MSVOA_W
ClientSampleId :
VW0817SBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	99.6	74.4	111.6
89	44.9	35.9	53.9

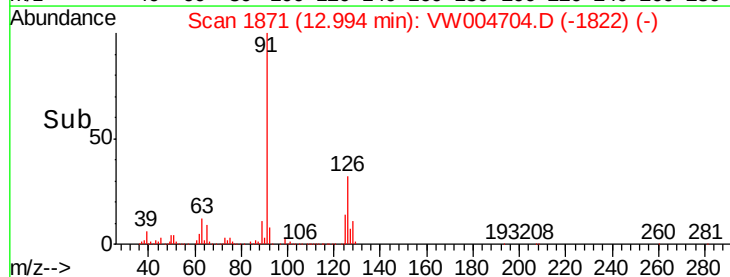
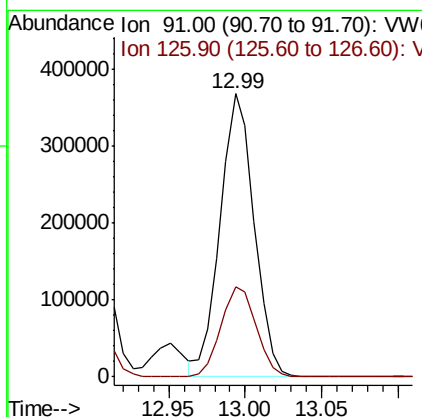
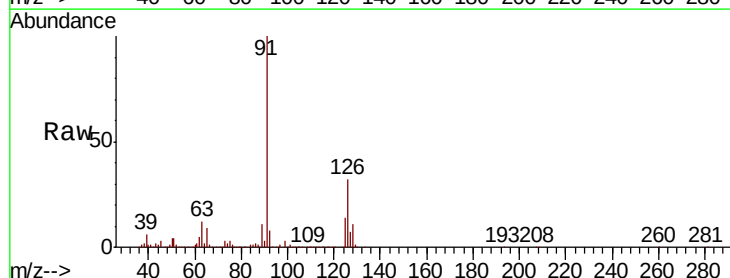
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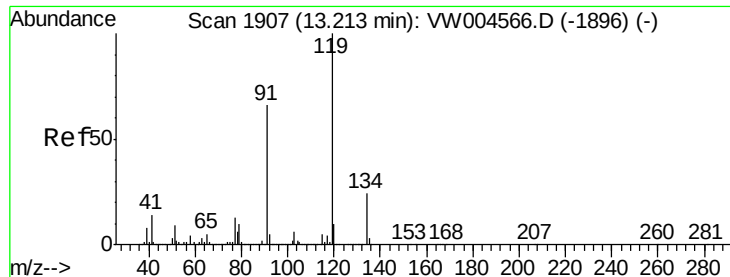
apatel
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#82
4-Chlorotoluene
Concen: 21.02 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. 0.00 min
Lab File: VW004704.D
Acq: 15 Aug 2018 19:27

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.1	16.5	49.5





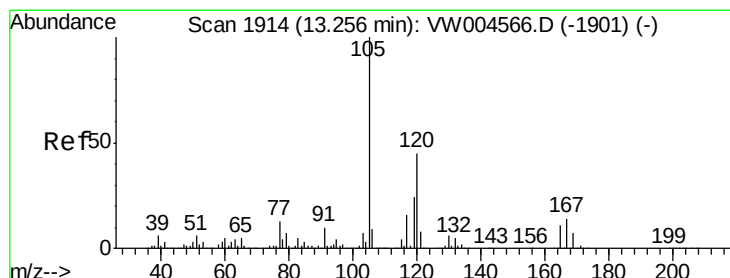
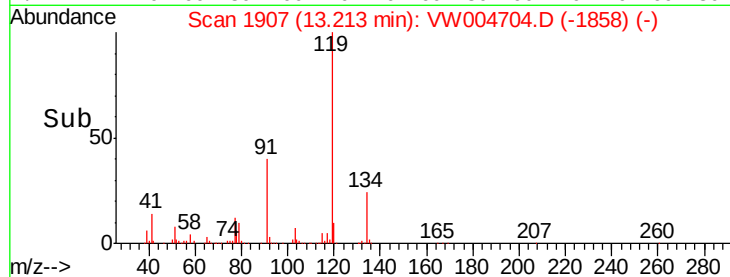
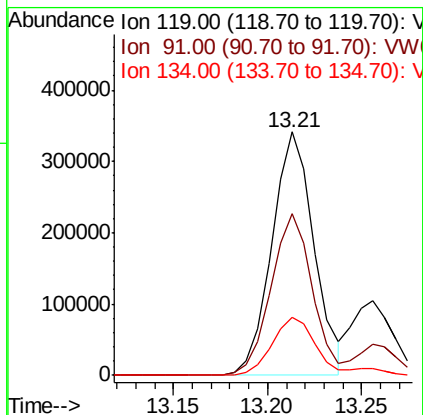
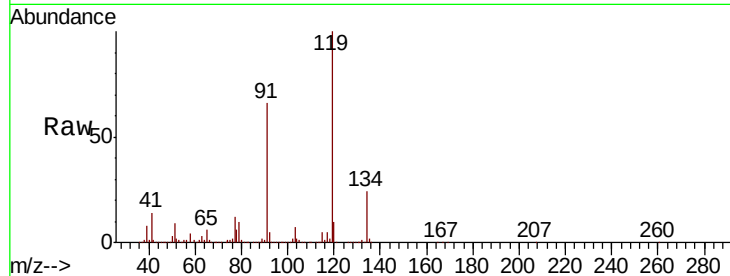
#83
 tert-Butylbenzene
 Concen: 20.80 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW004704.D
 Acq: 15 Aug 2018 19:27

Instrument :
 MSVOA_W
 ClientSampled :
 VW0817SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.7	33.3	99.8
134	24.4	12.2	36.6

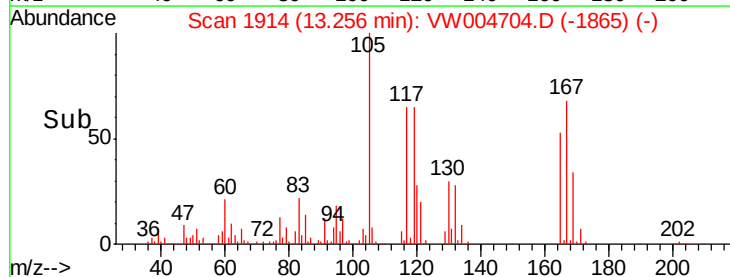
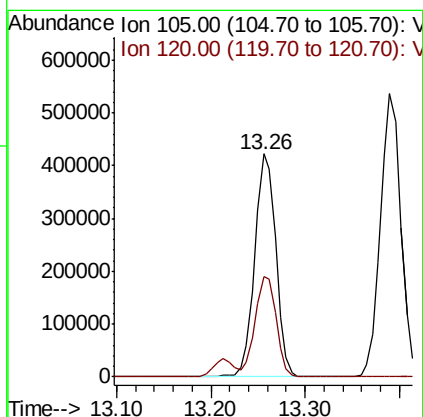
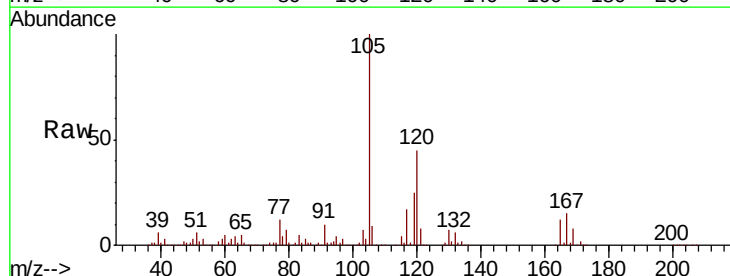
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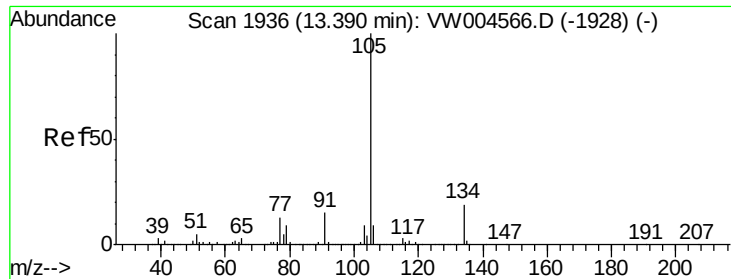
apatel
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.10 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. 0.00 min
 Lab File: VW004704.D
 Acq: 15 Aug 2018 19:27

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.6	67.8





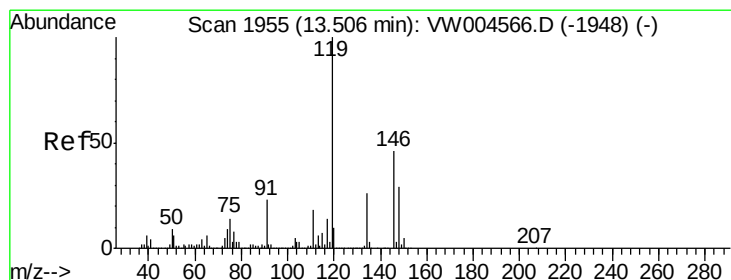
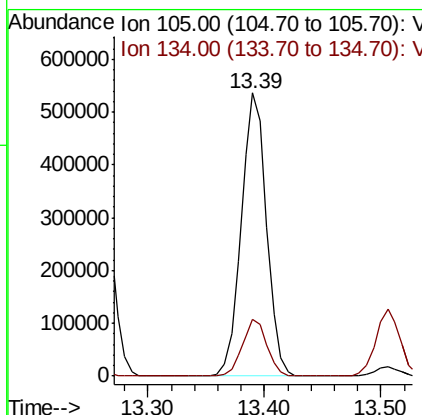
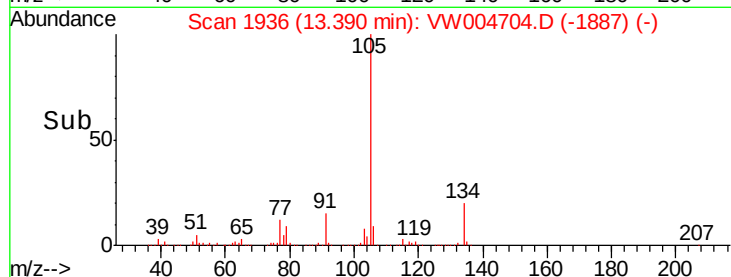
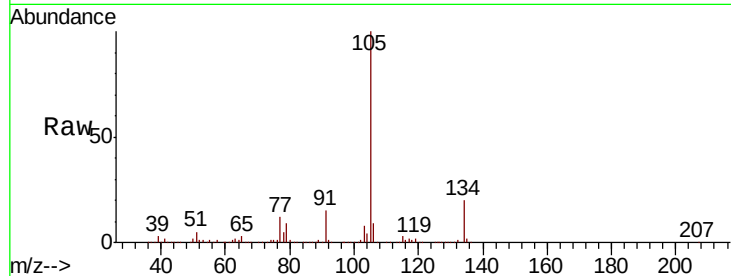
#85
 sec-Butylbenzene
 Concen: 21.02 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VW004704.D
 Acq: 15 Aug 2018 19:27

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0817SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	806822		
134	19.5	9.8	29.5	

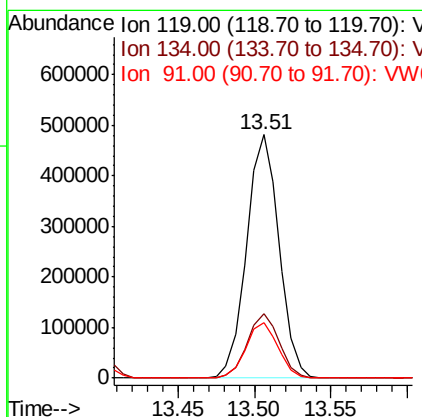
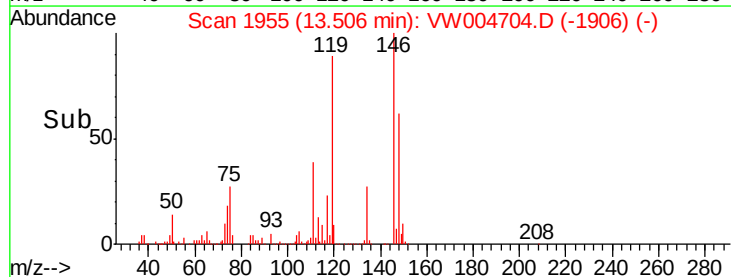
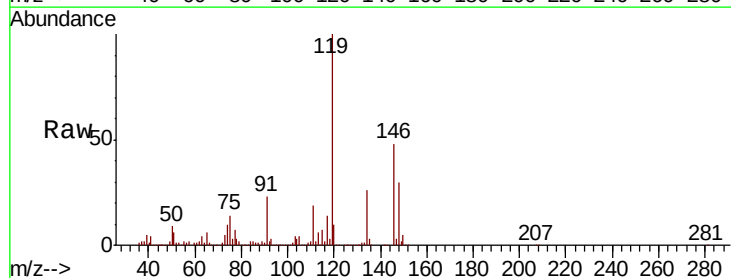
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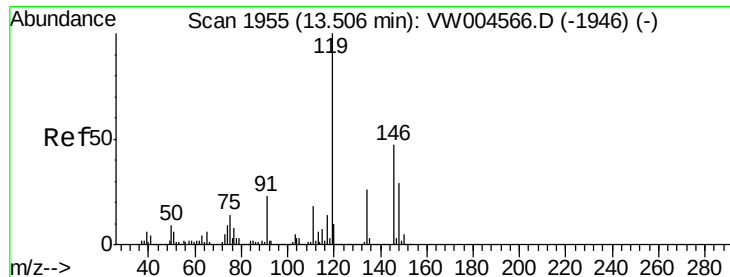
apatel
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#86
 p-Isopropyltoluene
 Concen: 21.21 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004704.D
 Acq: 15 Aug 2018 19:27

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	705668		
134	26.0	13.1	39.1	
91	22.6	11.4	34.1	





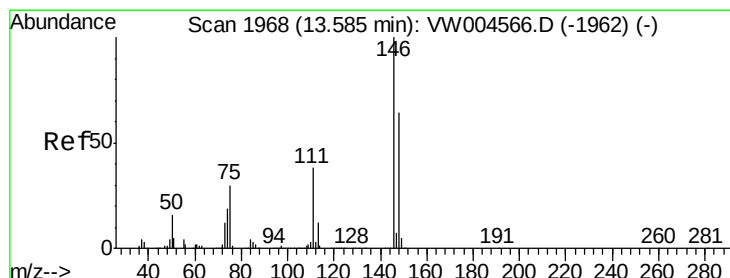
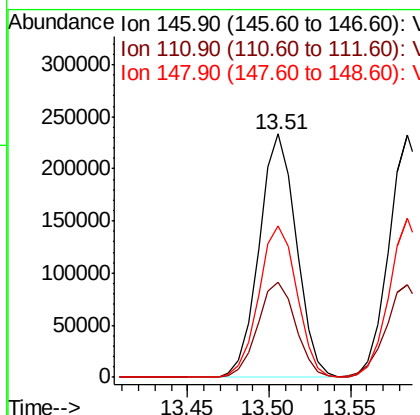
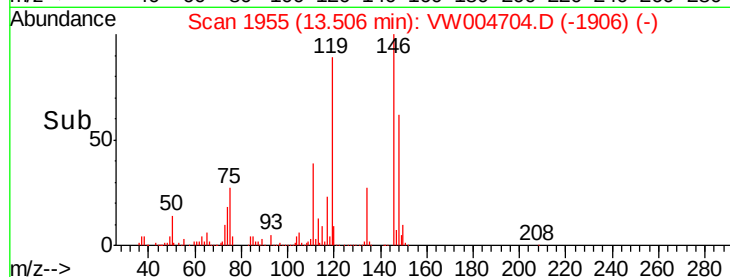
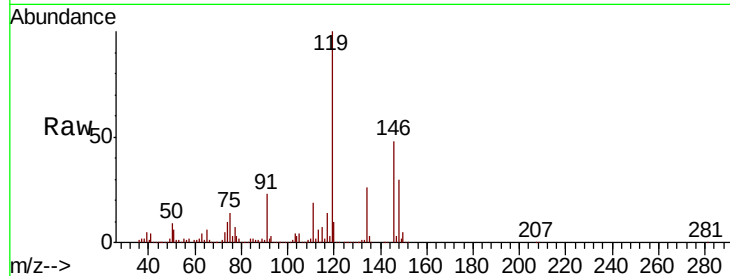
#87
 1,3-Dichlorobenzene
 Concen: 20.76 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004704.D
 Acq: 15 Aug 2018 19:27

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0817SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.0	59.9
148	63.6	31.7	95.1

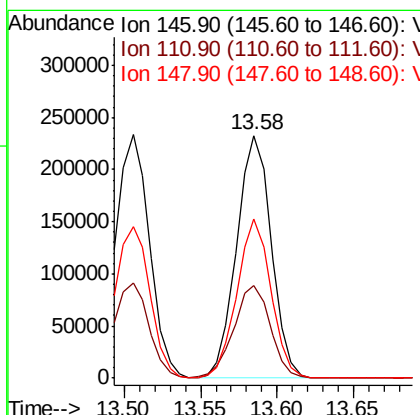
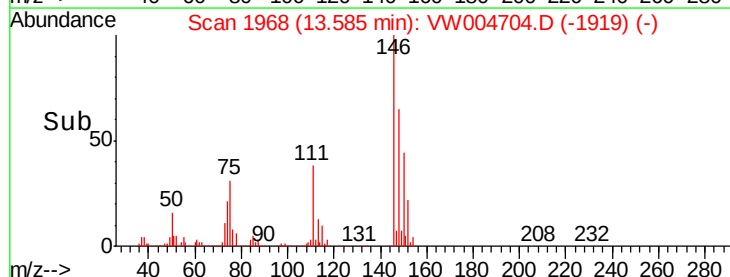
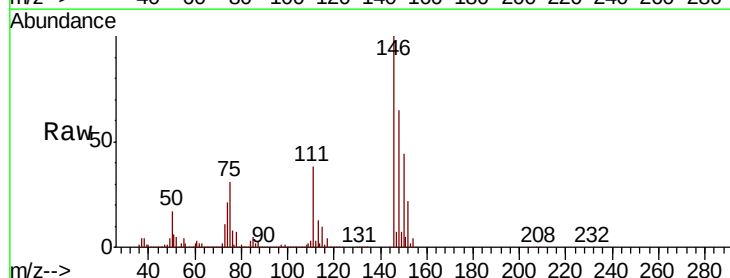
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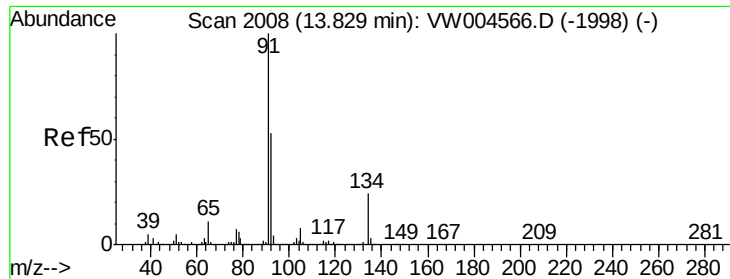
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 20.70 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW004704.D
 Acq: 15 Aug 2018 19:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.3	19.6	58.8
148	64.4	31.9	95.5





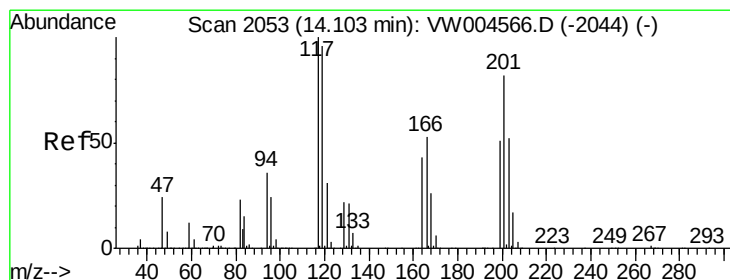
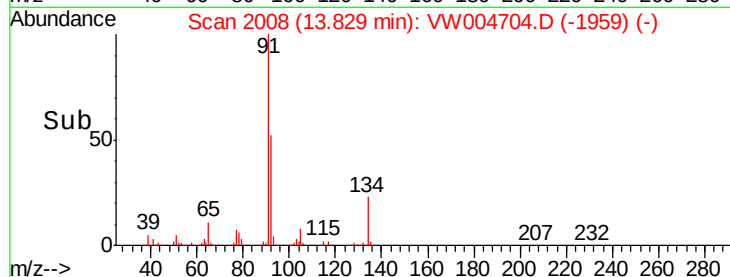
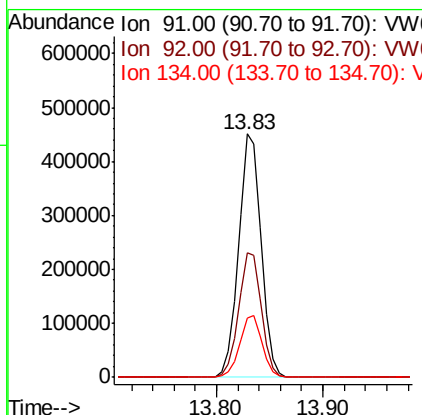
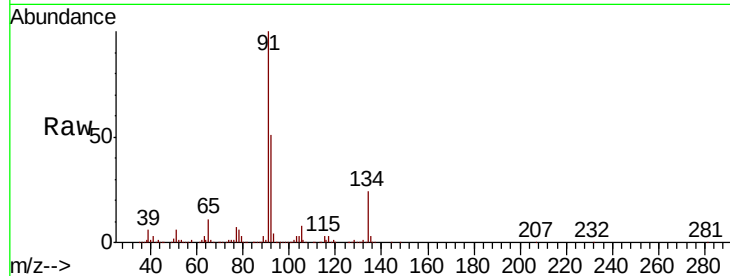
#89
n-Butylbenzene
Concen: 20.44 ug/l
RT: 13.83 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VW004704.D
Acq: 15 Aug 2018 19:27

Instrument :
MSVOA_W
ClientSampleId :
VW0817SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.0	26.4	79.0
134	25.3	12.4	37.2

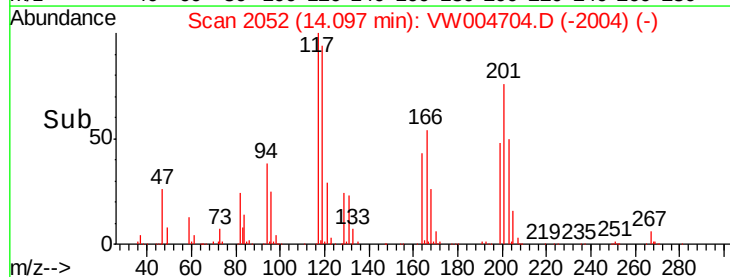
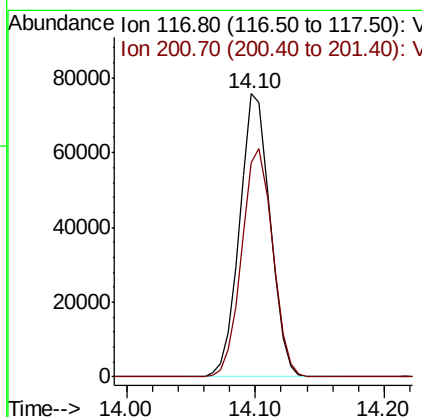
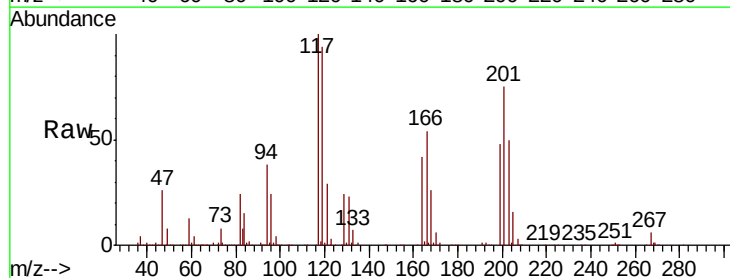
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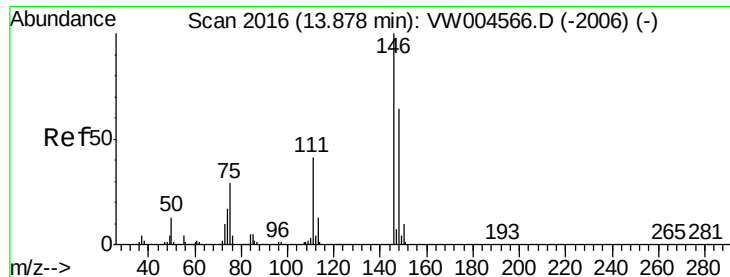
apatel
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#90
Hexachloroethane
Concen: 20.12 ug/l
RT: 14.10 min Scan# 2052
Delta R.T. -0.01 min
Lab File: VW004704.D
Acq: 15 Aug 2018 19:27

Tgt Ion	Ratio	Lower	Upper
117	100		
201	81.7	40.1	120.3





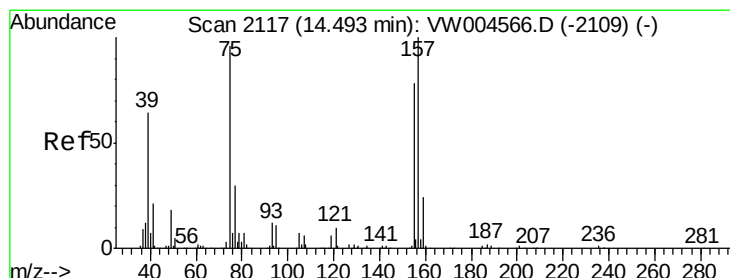
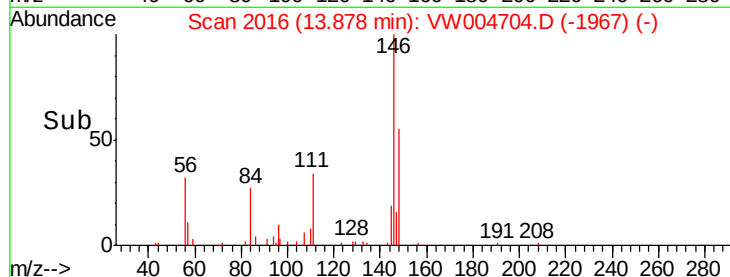
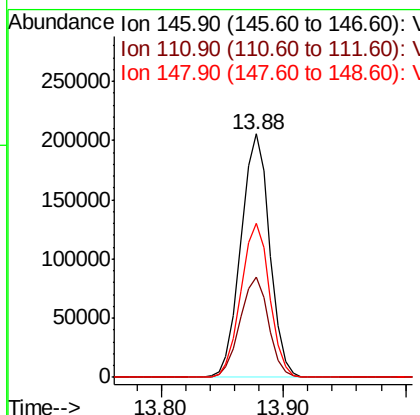
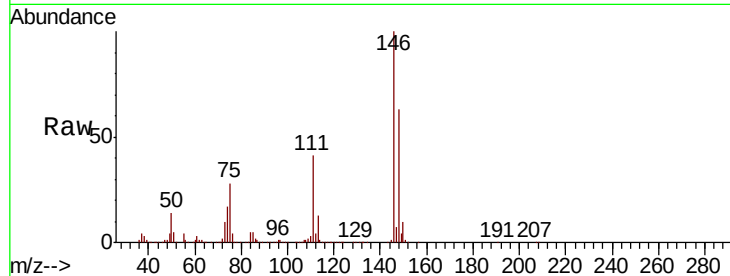
#91
 1,2-Dichlorobenzene
 Concen: 20.78 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW004704.D
 Acq: 15 Aug 2018 19:27

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0817SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	334246		
111	40.9	20.8	62.2	
148	63.3	31.8	95.4	

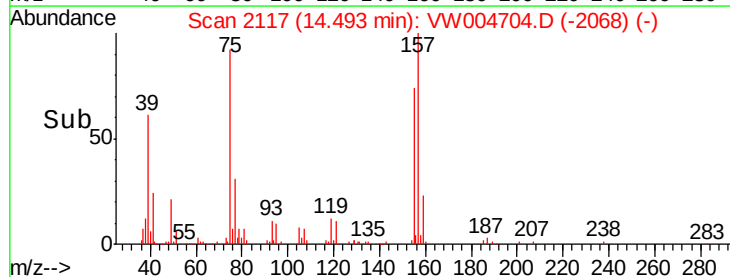
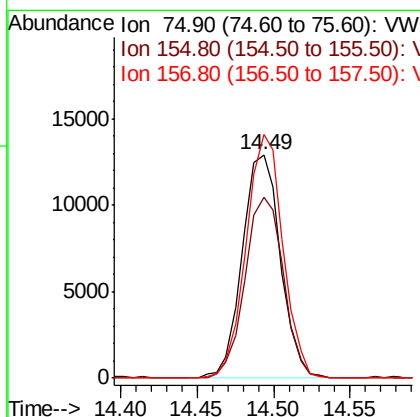
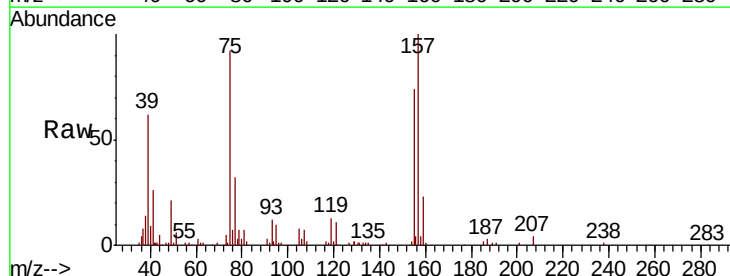
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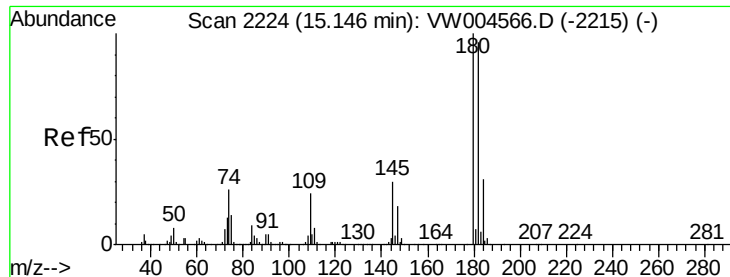
apatel
 8/16/2018 10:01:34 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.54 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW004704.D
 Acq: 15 Aug 2018 19:27

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	22493		
155	81.2	41.3	123.7	
157	104.9	52.6	157.8	





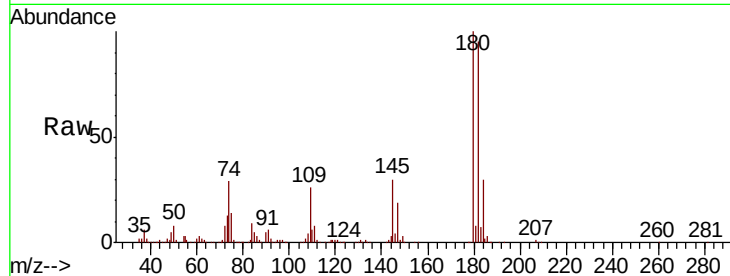
#93
 1,2,4-Trichlorobenzene
 Concen: 20.80 ug/l
 RT: 15.14 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: VW004704.D
 Acq: 15 Aug 2018 19:27

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0817SBSD01

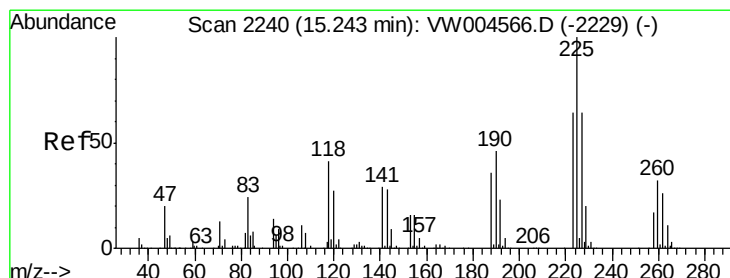
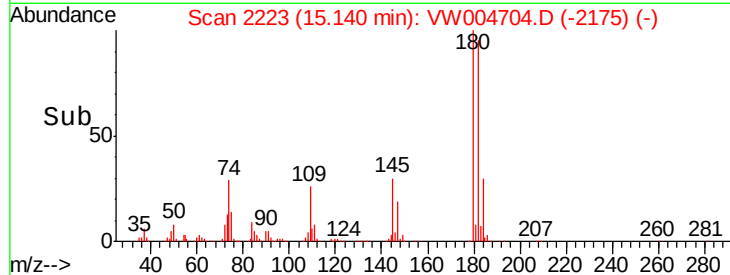
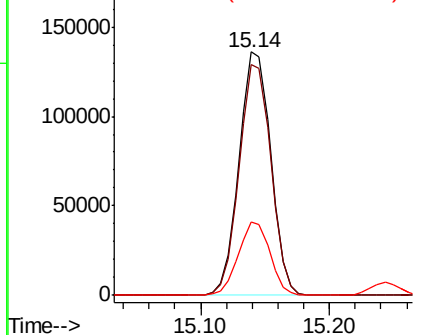
Tot Ion:	180	Resp:	231643
Ion Ratio	Lower	Upper	
180	100		
182	95.1	47.9	143.6
145	29.9	14.9	44.9

Manual Integrations
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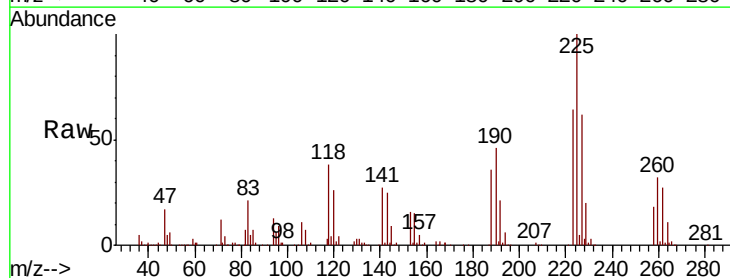


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

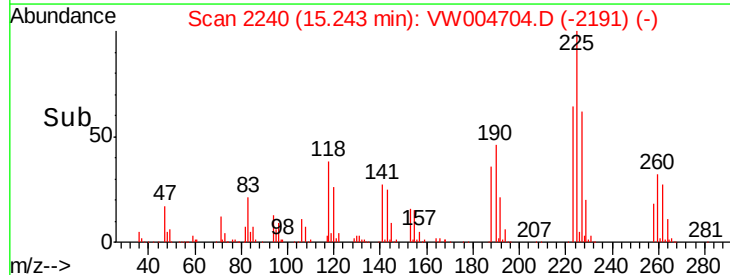
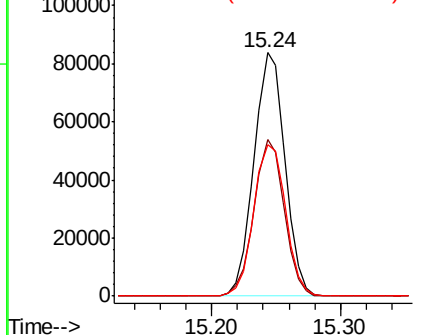


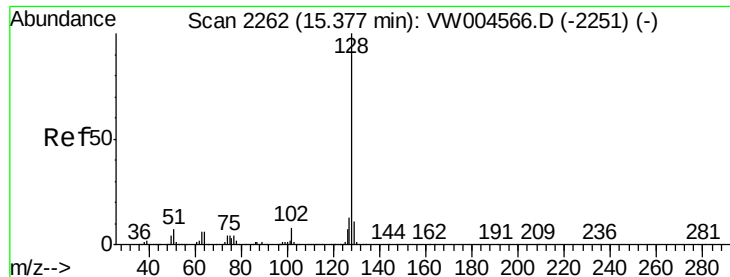
#94
 Hexachlorobutadiene
 Concen: 21.43 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. 0.00 min
 Lab File: VW004704.D
 Acq: 15 Aug 2018 19:27

Tgt Ion:	225	Resp:	138962
Ion Ratio	Lower	Upper	
225	100		
223	62.8	31.3	93.8
227	63.9	31.8	95.4



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





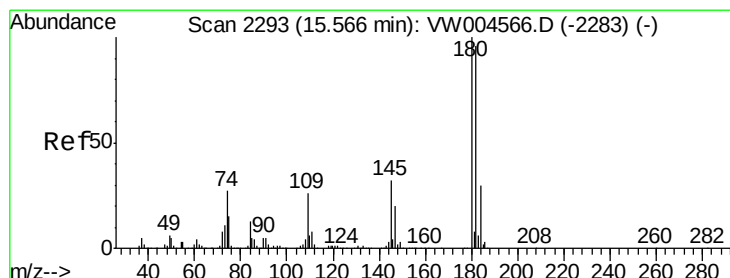
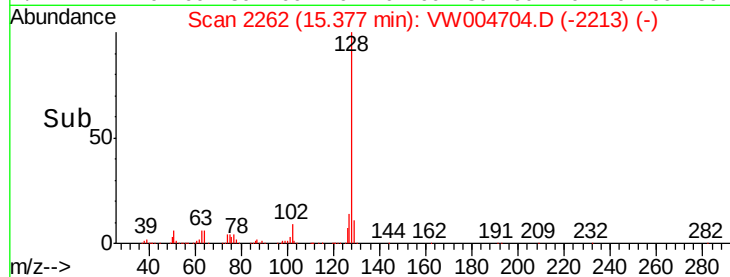
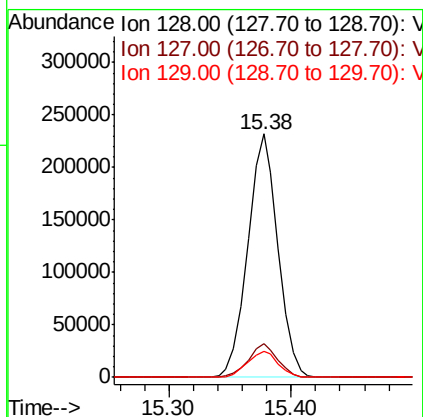
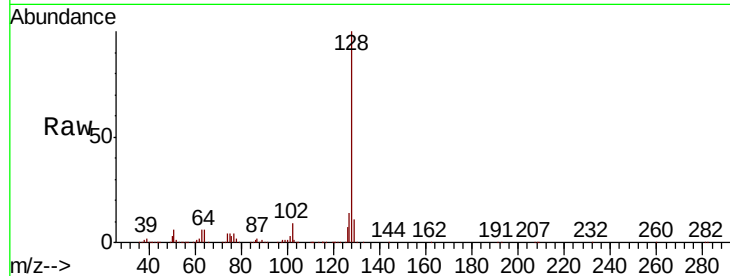
#95
Naphthalene
Concen: 19.16 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW004704.D
Acq: 15 Aug 2018 19:27

Instrument :
MSVOA_W
ClientSampleId :
VW0817SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
128	100		396541		
127	13.4	10.3	15.5		
129	11.1	8.6	13.0		

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 20.83 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW004704.D
Acq: 15 Aug 2018 19:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		208502		
182	95.7	47.0	141.2		
145	30.7	15.9	47.6		

