

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090618\
 Data File : VW005184.D
 Acq On : 07 Sep 2018 02:05
 Operator : SY/AP
 Sample : VW0906SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBS02

Manual Integrations
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 9/7/2018 12:35:40 PM

Quant Time: Sep 07 04:28:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	432438	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	658642	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	646434	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	341591	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	213922	59.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.36%	
35) Dibromofluoromethane	7.89	113	208193	54.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.40%	
50) Toluene-d8	10.33	98	946920	53.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.98%	
62) 4-Bromofluorobenzene	12.62	95	343013	55.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	80539	23.11	ug/l	96
3) Chloromethane	2.21	50	112943	22.33	ug/l	100
4) Vinyl Chloride	2.35	62	106334	21.62	ug/l	99
5) Bromomethane	2.75	94	75448	22.51	ug/l	95
6) Chloroethane	2.90	64	62540	20.43	ug/l	100
7) Trichlorofluoromethane	3.25	101	124291	22.47	ug/l	97
8) Diethyl Ether	3.68	74	47696	23.83	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	83388	21.95	ug/l	99
10) Methyl Iodide	4.27	142	69411	15.11	ug/l	99
11) Tert butyl alcohol	5.18	59	39582	200.42	ug/l #	94
12) 1,1-Dichloroethene	4.04	96	77604	22.19	ug/l	96
13) Acrolein	3.90	56	26078	112.08	ug/l	100
14) Allyl chloride	4.67	41	119160	21.80	ug/l	99
15) Acrylonitrile	5.37	53	107766	127.65	ug/l	99
16) Acetone	4.13	43	92166	128.20	ug/l	95
17) Carbon Disulfide	4.38	76	272176	22.34	ug/l	99
18) Methyl Acetate	4.68	43	55328	26.16	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	217548	25.62	ug/l	99
20) Methylene Chloride	4.92	84	114167	21.27	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	94239	22.12	ug/l	95
22) Diisopropyl ether	6.31	45	276154	24.01	ug/l	96
23) Vinyl Acetate	6.26	43	761511	126.04	ug/l	99
24) 1,1-Dichloroethane	6.22	63	160986	22.39	ug/l	99
25) 2-Butanone	7.18	43	162250	130.12	ug/l	99
26) 2,2-Dichloropropane	7.17	77	114972	19.46	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	104191	22.36	ug/l	100
28) Bromochloromethane	7.52	49	70203	24.26	ug/l	98
29) Tetrahydrofuran	7.53	42	83418	130.93	ug/l	100
30) Chloroform	7.68	83	168304	22.94	ug/l	96
31) Cyclohexane	7.96	56	156544	22.23	ug/l	99
32) 1,1,1-Trichloroethane	7.88	97	140345	21.96	ug/l	100
36) 1,1-Dichloropropene	8.09	75	138942	22.15	ug/l	98
37) Ethyl Acetate	7.26	43	59012	25.16	ug/l	98
38) Carbon Tetrachloride	8.07	117	125197	20.99	ug/l	98

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	153616	20.25	ug/l	98
40) Benzene	8.33	78	417794	21.76	ug/l	98
41) Methacrylonitrile	7.49	41	32862	24.18	ug/l	93
42) 1,2-Dichloroethane	8.40	62	104944	22.33	ug/l	99
43) Isopropyl Acetate	8.43	43	105350	24.68	ug/l	99
44) Trichloroethene	9.10	130	113549	21.92	ug/l	97
45) 1,2-Dichloropropane	9.37	63	103308	22.02	ug/l	99
46) Dibromomethane	9.46	93	49899	22.24	ug/l	97
47) Bromodichloromethane	9.65	83	120687	21.37	ug/l	96
48) Methyl methacrylate	9.45	41	45601	22.18	ug/l	97
49) 1,4-Dioxane	9.46	88	15664	431.79	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	357520	124.97	ug/l	99
52) Toluene	10.39	92	273083	20.99	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	124180	22.37	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	153016	22.67	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	81825	23.56	ug/l	96
56) Ethyl methacrylate	10.65	69	92073	23.24	ug/l	98
57) 1,3-Dichloropropane	10.94	76	136193	23.82	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	239395	127.50	ug/l	100
59) 2-Hexanone	10.98	43	239729	123.89	ug/l	99
60) Dibromochloromethane	11.13	129	90084	22.94	ug/l	99
61) 1,2-Dibromoethane	11.24	107	71695	22.86	ug/l	98
64) Tetrachloroethene	10.87	164	108510	21.39	ug/l	97
65) Chlorobenzene	11.66	112	304448	20.92	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	98118	22.06	ug/l	99
67) Ethyl Benzene	11.74	91	504965	20.53	ug/l	99
68) m/p-Xylenes	11.85	106	411253	41.75	ug/l	100
69) o-Xylene	12.17	106	192319	21.12	ug/l	98
70) Styrene	12.19	104	317062	21.08	ug/l	99
71) Bromoform	12.35	173	54027	22.92	ug/l #	98
73) Isopropylbenzene	12.47	105	507360	21.06	ug/l	100
74) N-amyl acetate	12.28	43	97292	23.46	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	89436	24.39	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	60577m	23.63	ug/l	
77) Bromobenzene	12.76	156	128431	21.64	ug/l	98
78) n-propylbenzene	12.81	91	616707	21.21	ug/l	98
79) 2-Chlorotoluene	12.90	91	354554	20.90	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	434154	20.84	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	23820	22.36	ug/l	98
82) 4-Chlorotoluene	12.99	91	379530	21.19	ug/l	99
83) tert-Butylbenzene	13.21	119	362501	20.84	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	427889	20.17	ug/l	98
85) sec-Butylbenzene	13.39	105	530425	20.75	ug/l	100
86) p-Isopropyltoluene	13.51	119	456035	20.15	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	254477	20.87	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	246792	20.41	ug/l	98
89) n-Butylbenzene	13.83	91	425077	20.27	ug/l	98
90) Hexachloroethane	14.10	117	79141	21.06	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	232085	21.84	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	13805	24.09	ug/l	96

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Instrument :
MSVOA_W
ClientSampleId :
VW0906SBSD02

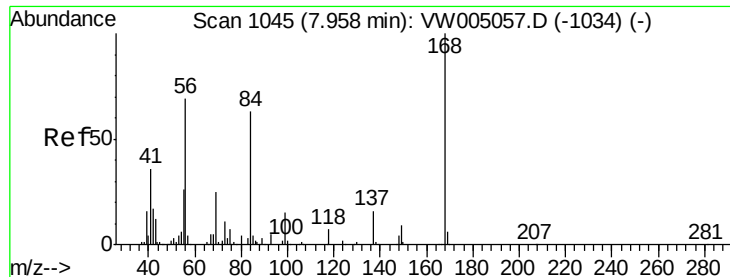
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9/7/2018 12:35:40 PM

Quant Time: Sep 07 04:28:02 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 01 03:35:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	147062	20.64	ug/l	99
94) Hexachlorobutadiene	15.25	225	93045	21.00	ug/l	100
95) Naphthalene	15.38	128	247123	22.45	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	131960	21.64	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW005184.D

Acq: 07 Sep 2018 02:05

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBSD02

Tot Ion:168 Resp: 432438

Ion Ratio Lower Upper

168 100

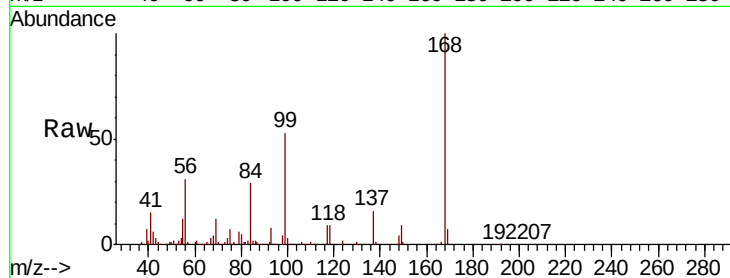
99 52.5 39.4 59.0

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

200000

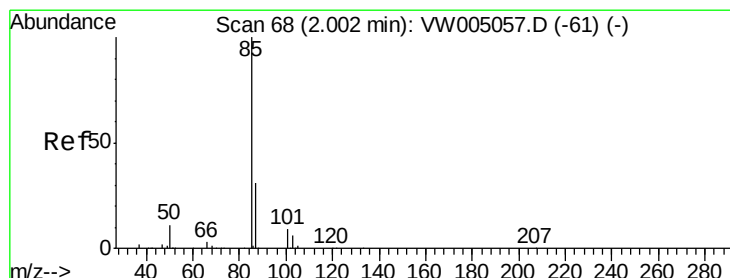
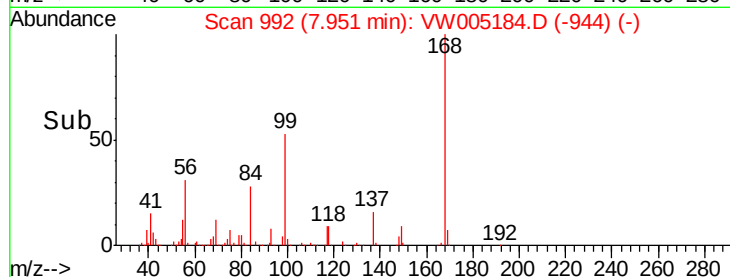
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 23.11 ug/l

RT: 2.00 min Scan# 15

Delta R.T. -0.01 min

Lab File: VW005184.D

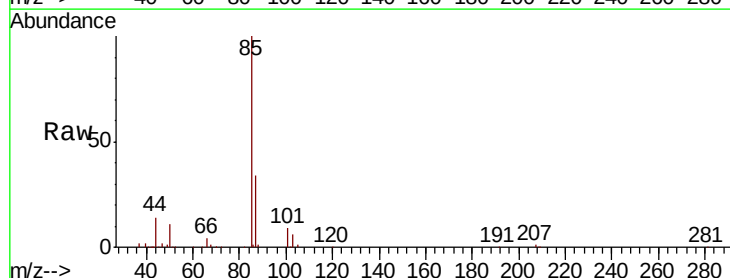
Acq: 07 Sep 2018 02:05

Tgt Ion: 85 Resp: 80539

Ion Ratio Lower Upper

85 100

87 33.8 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

60000

50000

40000

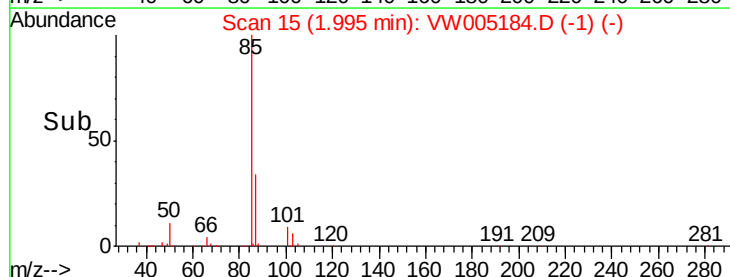
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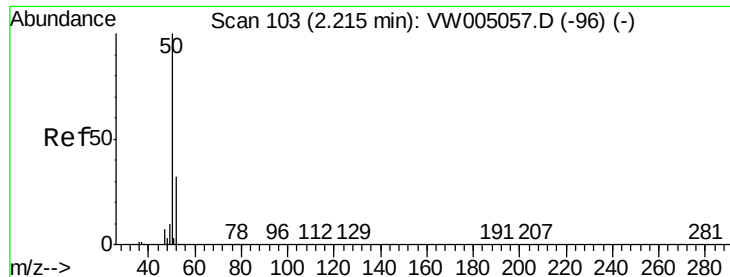
20000

10000

0

Time--> 1.90 1.95 2.00 2.05 2.10





#3

Chloromethane

Concen: 22.33 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW005184.D

Acq: 07 Sep 2018 02:05

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBSD02

Tot Ion: 50 Resp: 112943

Ion Ratio Lower Upper

50 100

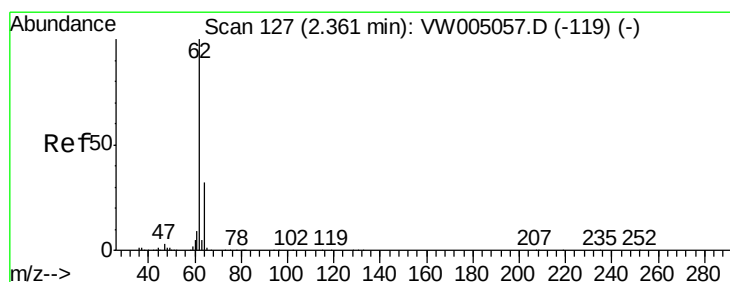
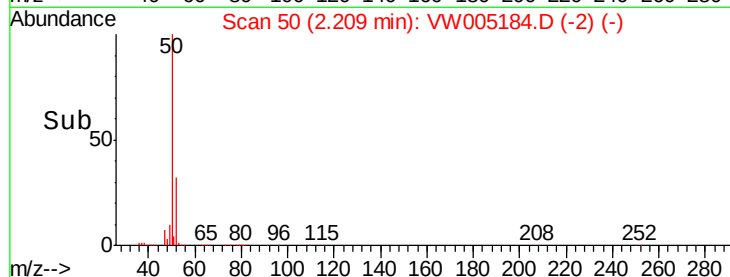
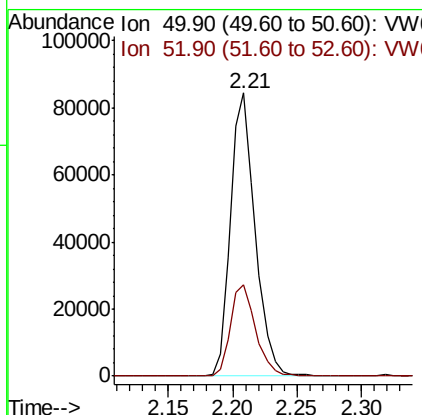
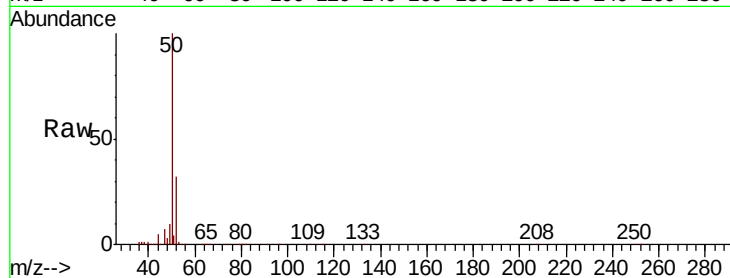
52 32.3 25.8 38.6

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#4

Vinyl Chloride

Concen: 21.62 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.01 min

Lab File: VW005184.D

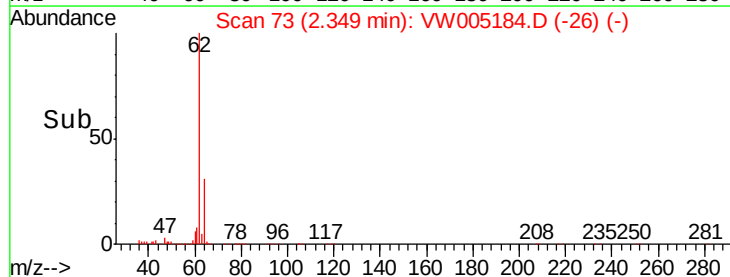
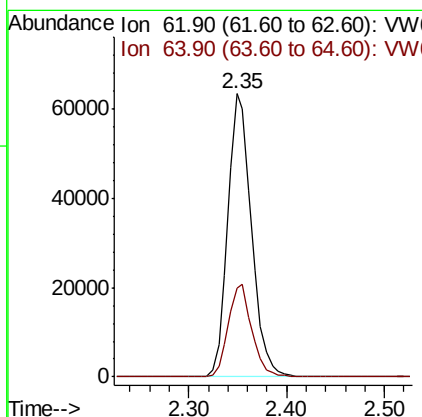
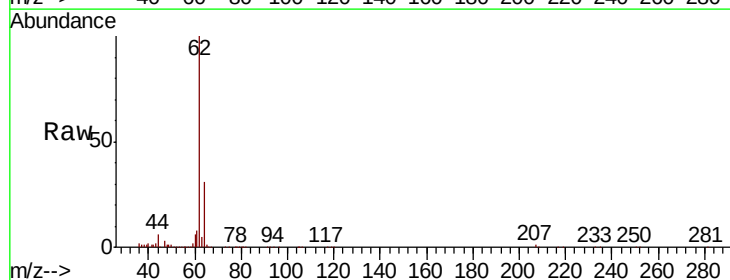
Acq: 07 Sep 2018 02:05

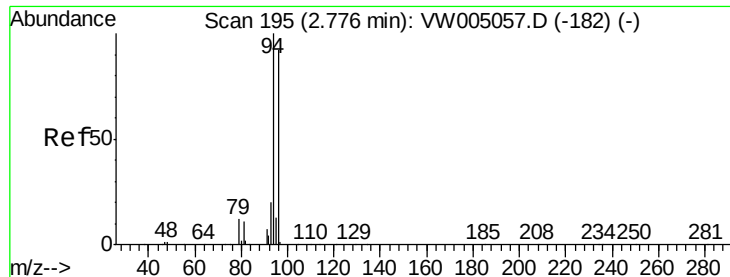
Tgt Ion: 62 Resp: 106334

Ion Ratio Lower Upper

62 100

64 31.4 25.6 38.4





#5

Bromomethane

Concen: 22.51 ug/l

RT: 2.75 min Scan# 139

Delta R.T. -0.02 min

Lab File: VW005184.D

Acq: 07 Sep 2018 02:05

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBSD02

Tot Ion: 94 Resp: 75448

Ion Ratio Lower Upper

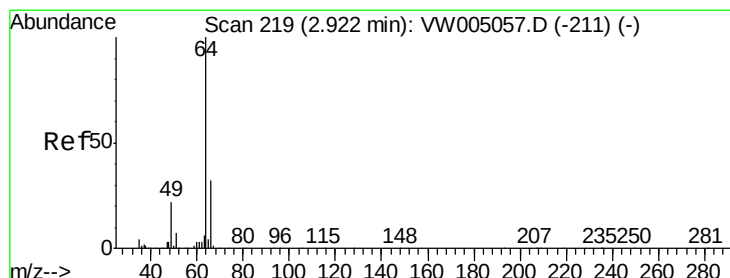
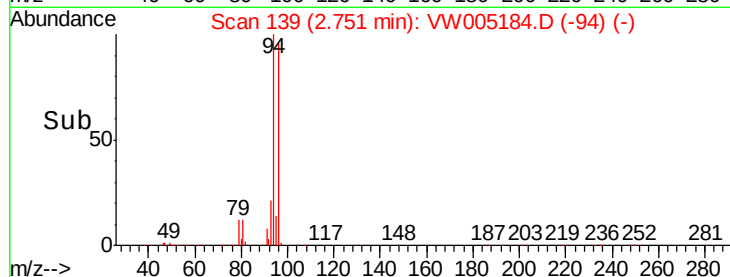
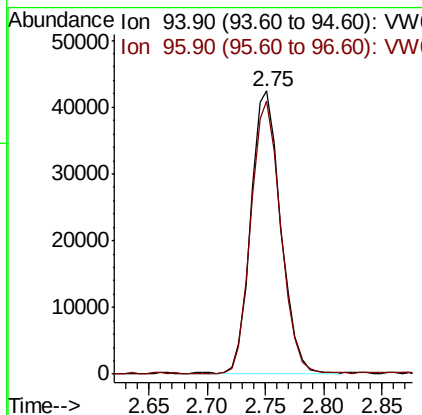
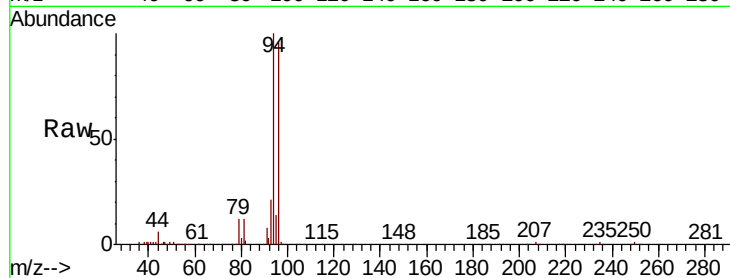
94 100

96 96.3 73.2 109.8

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#6

Chloroethane

Concen: 20.43 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.02 min

Lab File: VW005184.D

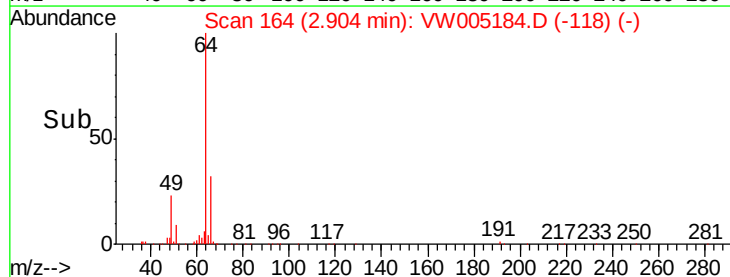
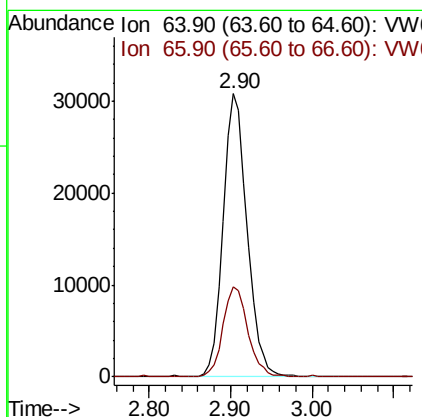
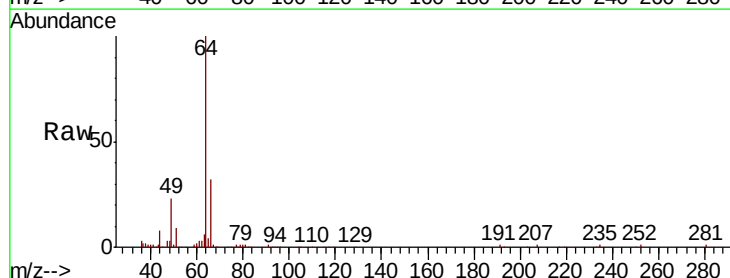
Acq: 07 Sep 2018 02:05

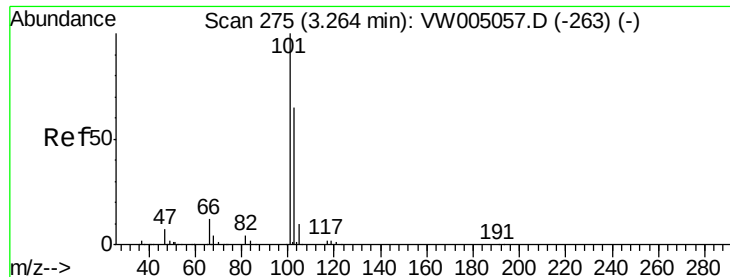
Tgt Ion: 64 Resp: 62540

Ion Ratio Lower Upper

64 100

66 31.9 25.7 38.5





#7

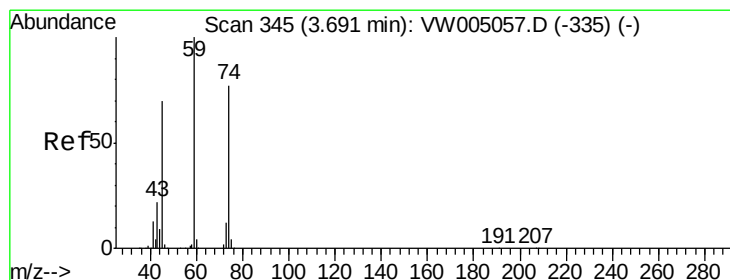
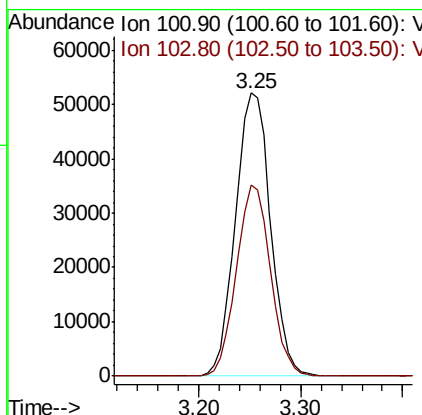
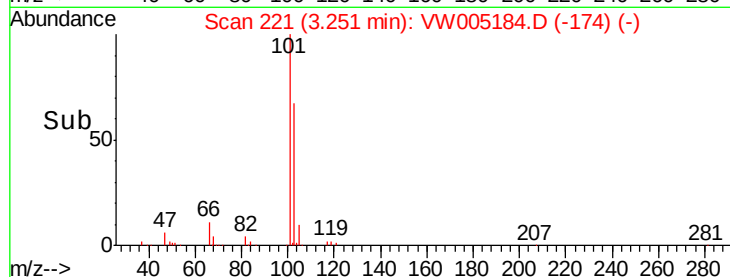
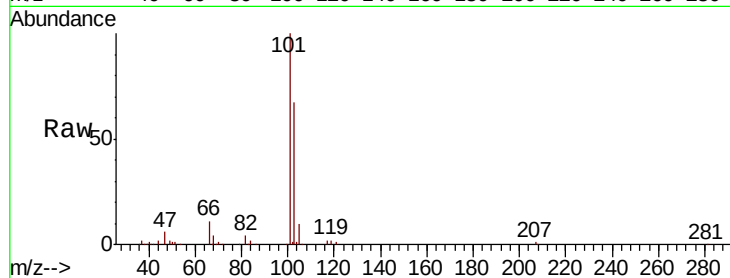
Trichlorofluoromethane
Concen: 22.47 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.01 min
Lab File: VW005184.D
Acq: 07 Sep 2018 02:05

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ClientSampleId :
VW0906SBSD02

Tot Ion	Ratio	Lower	Upper
101	100		
103	67.4	51.9	77.9

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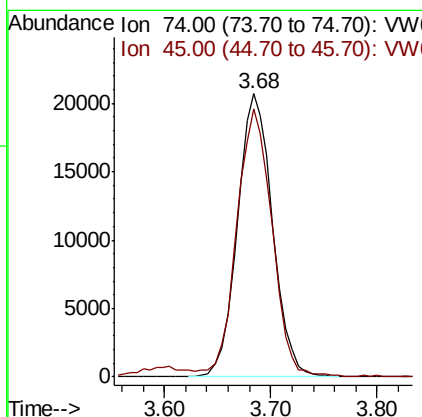
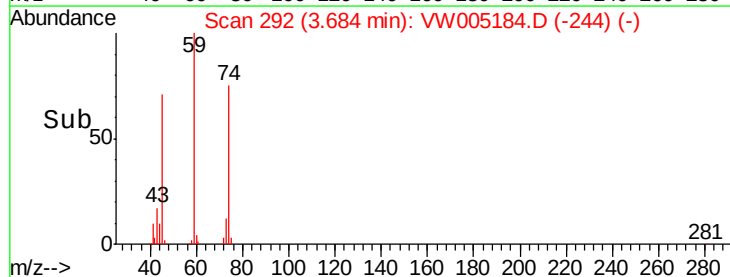
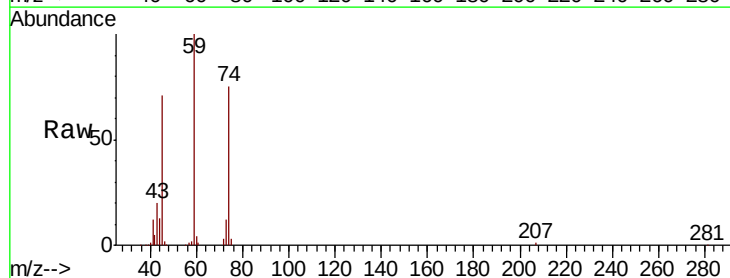
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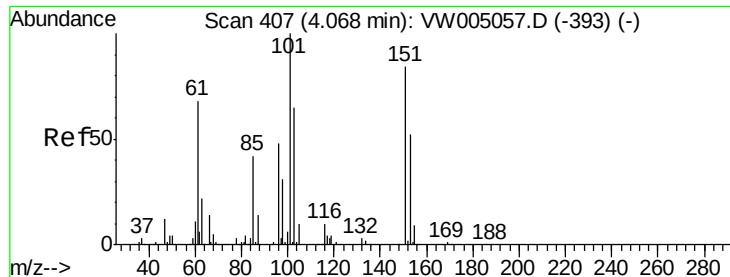


#8

Diethyl Ether
Concen: 23.83 ug/l
RT: 3.68 min Scan# 292
Delta R.T. -0.01 min
Lab File: VW005184.D
Acq: 07 Sep 2018 02:05

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.0	46.0	137.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.95 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW005184.D

Acq: 07 Sep 2018 02:05

Instrument :

MSVOA_W

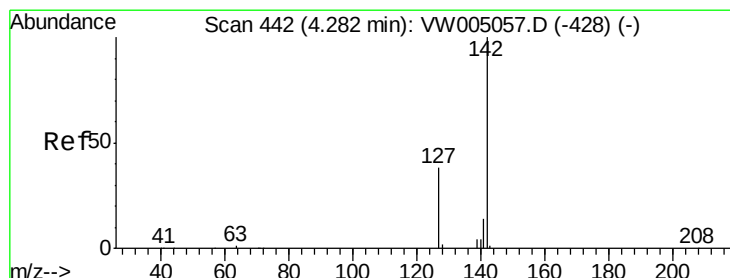
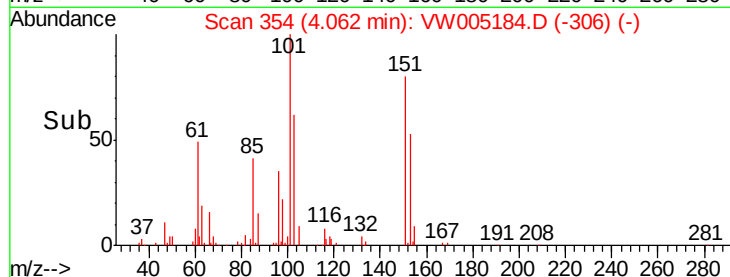
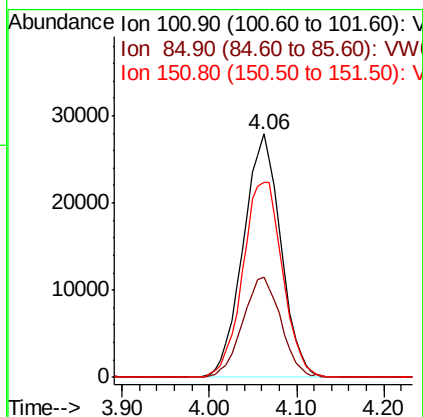
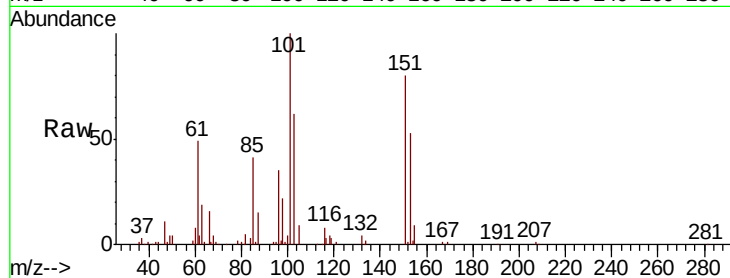
ClientSampled :

VW0906SBSD02

Tot Ion:	101	Resp:	83388
Ion Ratio	Lower	Upper	
101	100		
85	41.7	33.0	49.6
151	84.8	67.0	100.6

Manual Integrations
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#10

Methyl Iodide

Concen: 15.11 ug/l

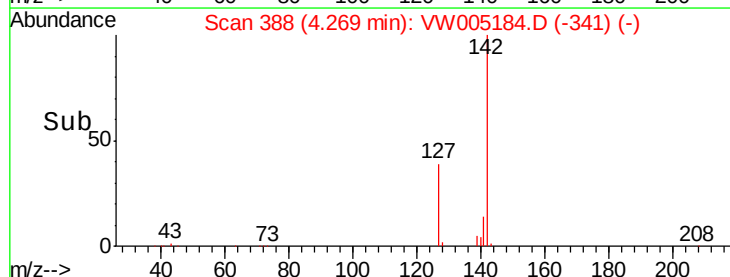
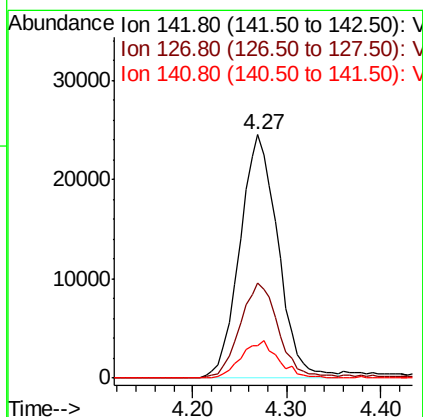
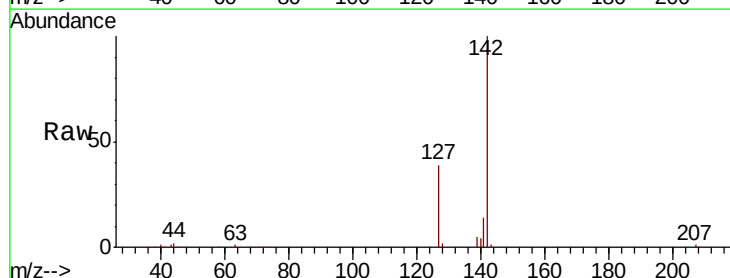
RT: 4.27 min Scan# 388

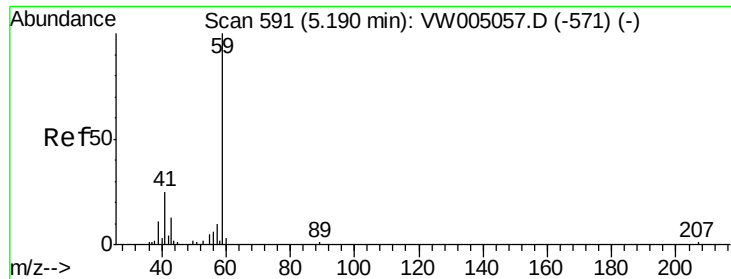
Delta R.T. -0.01 min

Lab File: VW005184.D

Acq: 07 Sep 2018 02:05

Tgt Ion:	142	Resp:	69411
Ion Ratio	Lower	Upper	
142	100		
127	39.2	30.8	46.2
141	15.1	11.6	17.4





#11

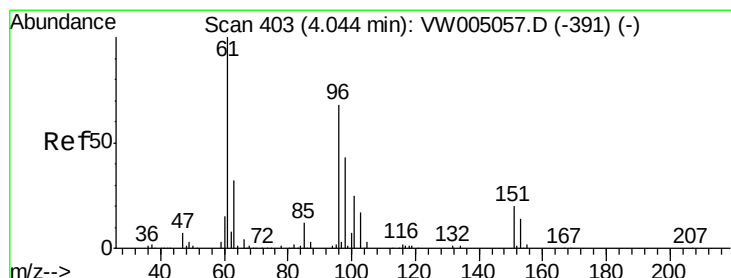
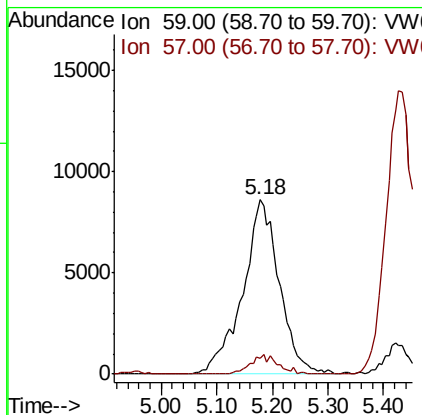
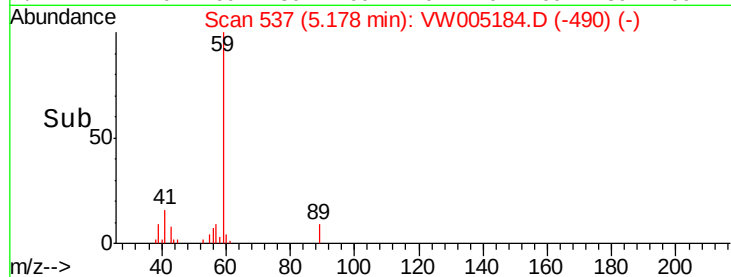
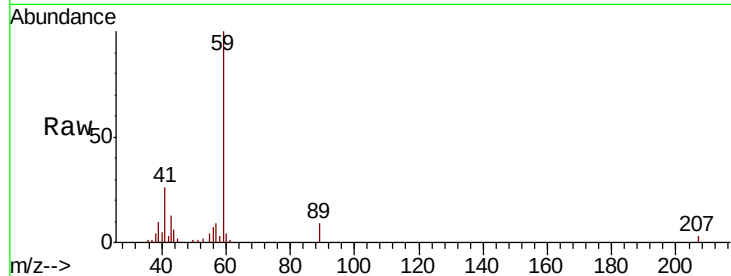
Tert butyl alcohol
 Concen: 200.42 ug/l
 RT: 5.18 min Scan# 537
 Delta R.T. -0.01 min
 Lab File: VW005184.D
 Acq: 07 Sep 2018 02:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBSD02

Tot Ion	59	Resp	39582
Ion Ratio	100	Lower	Upper
57	8.3	8.6	12.8#

Manual Integrations
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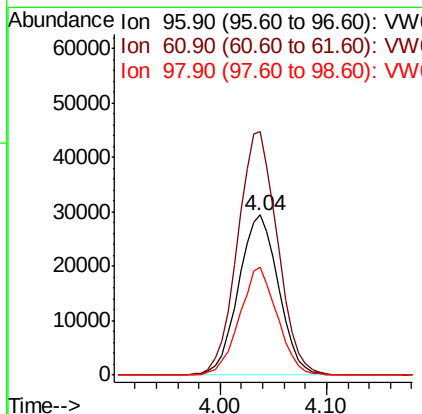
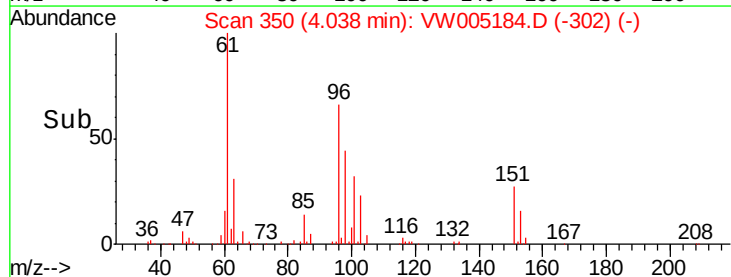
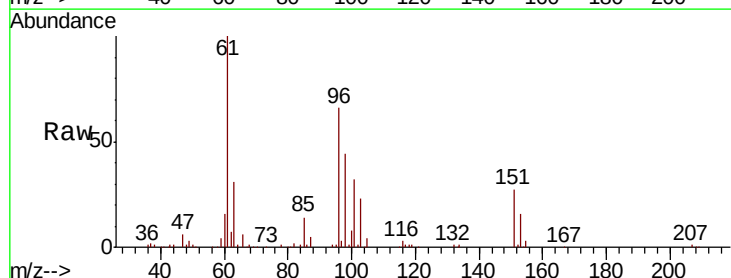
apatel
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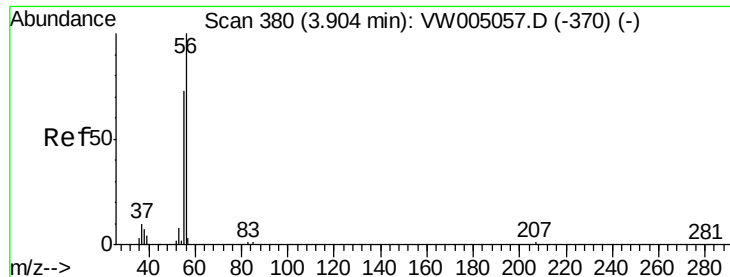


#12

1,1-Dichloroethene
 Concen: 22.19 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VW005184.D
 Acq: 07 Sep 2018 02:05

Tgt Ion	96	Resp	77604
Ion Ratio	100	Lower	Upper
61	152.1	117.4	176.0
98	67.4	51.0	76.4





#13

Acrolein

Concen: 112.08 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW005184.D

Acq: 07 Sep 2018 02:05

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBSD02

Tot Ion: 56 Resp: 26078

Ion Ratio Lower Upper

56 100

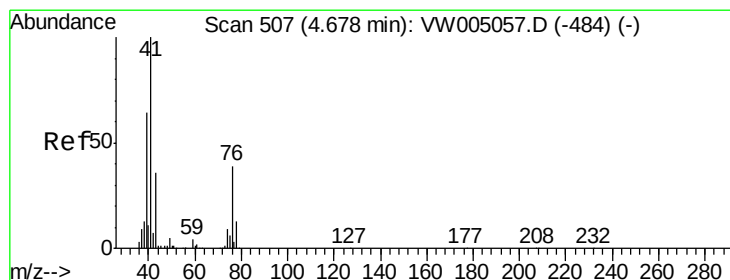
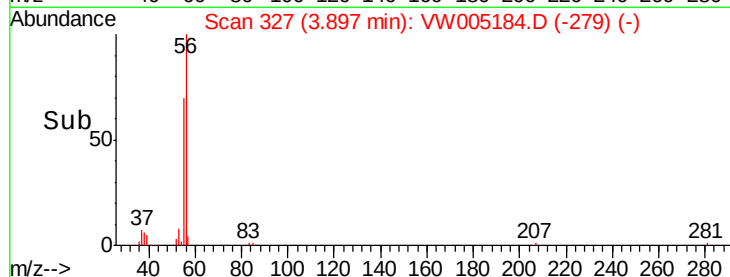
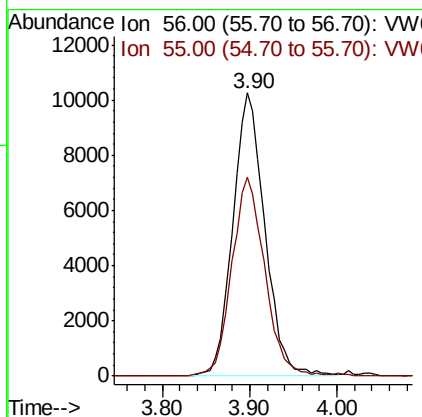
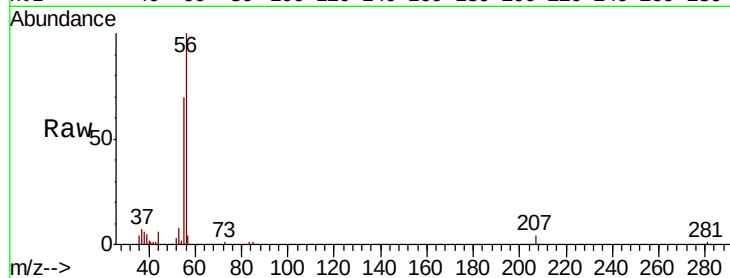
55 72.5 58.1 87.1

Manual Integrations

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#14

Allyl chloride

Concen: 21.80 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW005184.D

Acq: 07 Sep 2018 02:05

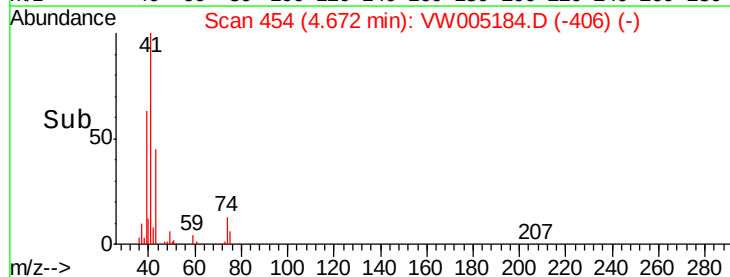
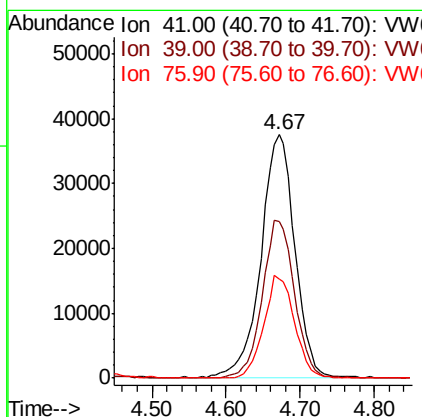
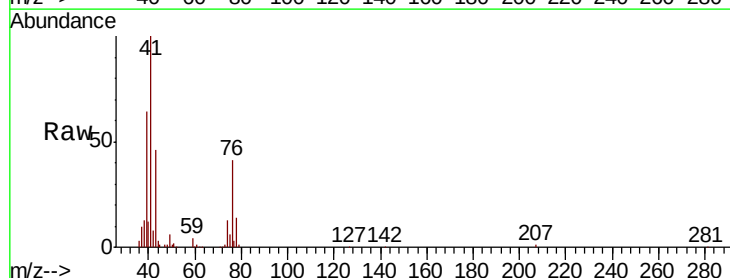
Tgt Ion: 41 Resp: 119160

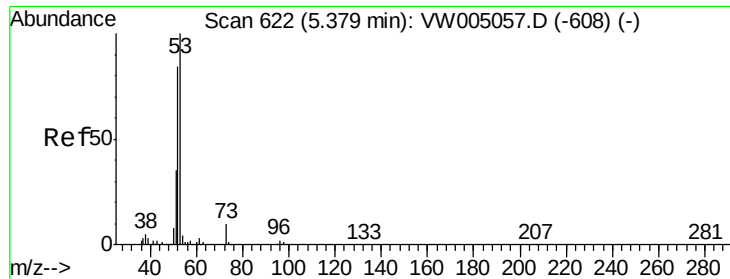
Ion Ratio Lower Upper

41 100

39 61.7 49.4 74.2

76 38.2 31.8 47.6





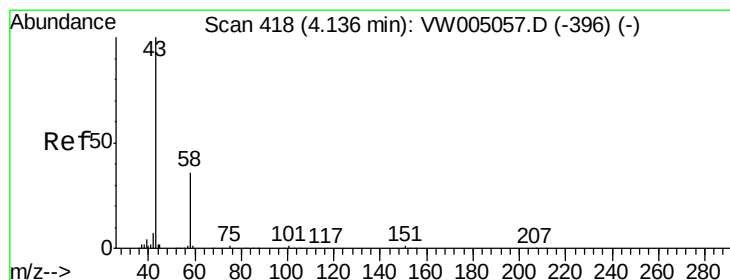
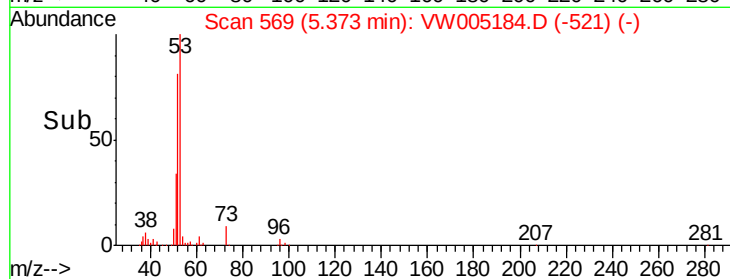
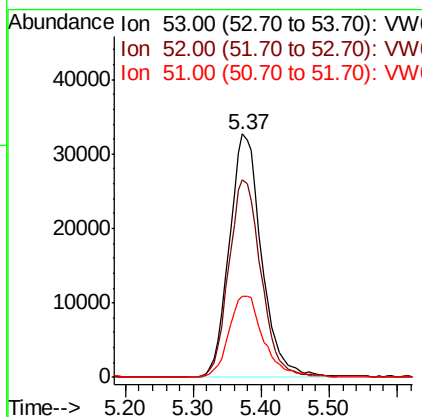
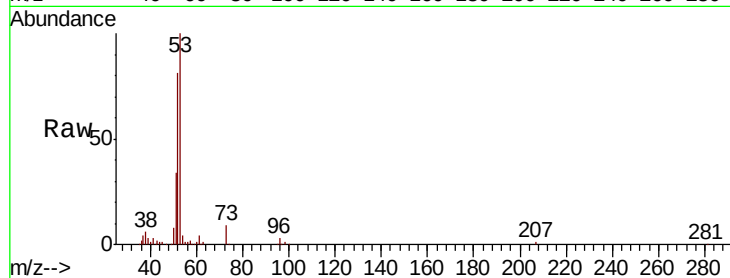
#15
 Acrylonitrile
 Concen: 127.65 ug/l
 RT: 5.37 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: VW005184.D
 Acq: 07 Sep 2018 02:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBSD02

Tot Ion:	53	Resp:	107766
Ion	Ratio	Lower	Upper
53	100		
52	81.3	65.7	98.5
51	35.9	28.8	43.2

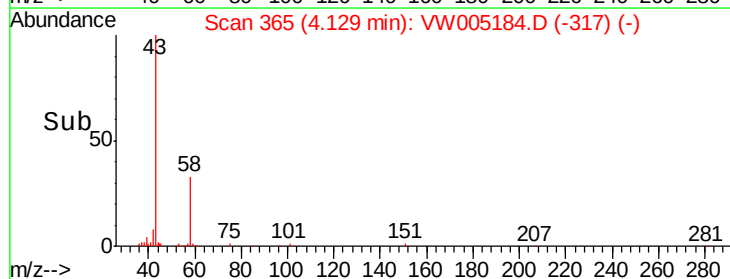
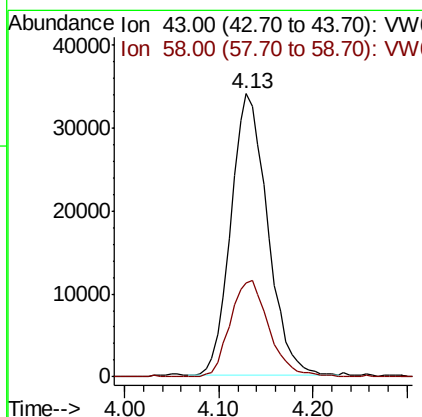
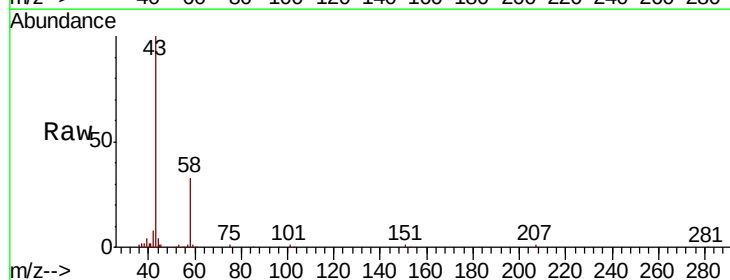
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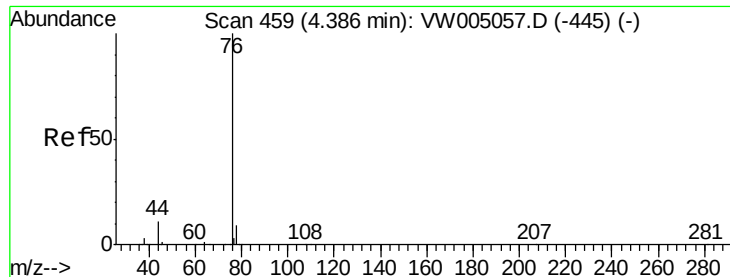
apatel
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#16
 Acetone
 Concen: 128.20 ug/l
 RT: 4.13 min Scan# 365
 Delta R.T. -0.01 min
 Lab File: VW005184.D
 Acq: 07 Sep 2018 02:05

Tgt Ion:	43	Resp:	92166
Ion	Ratio	Lower	Upper
43	100		
58	33.2	29.0	43.6





#17

Carbon Disulfide

Concen: 22.34 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW005184.D

Acq: 07 Sep 2018 02:05

Instrument :

MSVOA_W

ClientSampled :

VW0906SBSD02

Tot Ion: 76 Resp: 272176

Ion Ratio Lower Upper

76 100

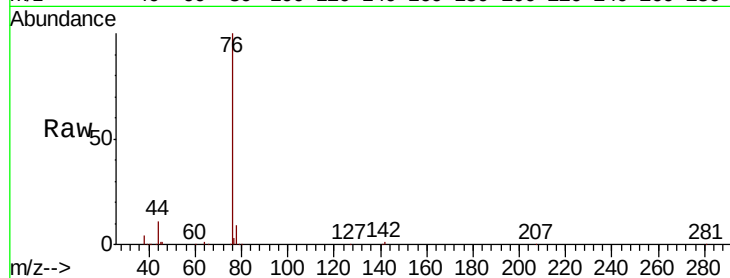
78 8.8 7.3 10.9

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.38

100000

80000

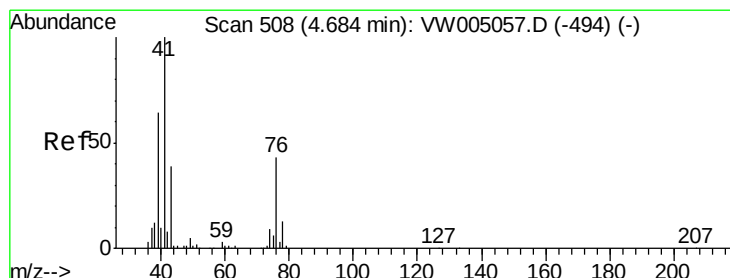
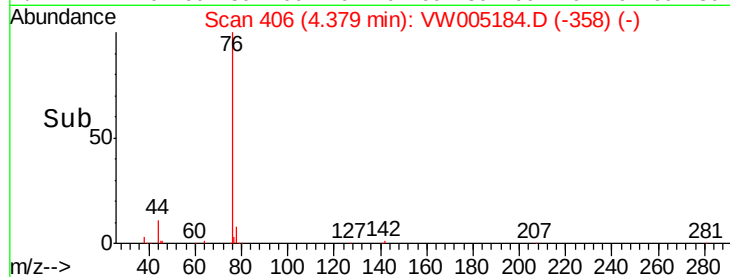
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 26.16 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW005184.D

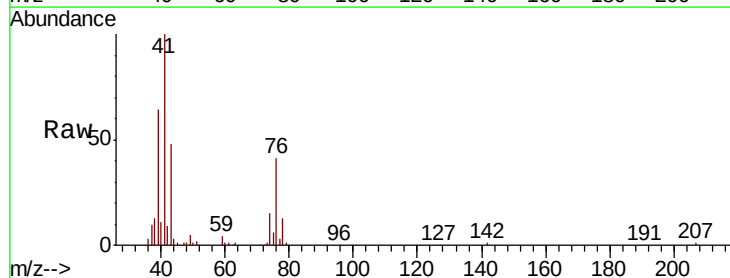
Acq: 07 Sep 2018 02:05

Tgt Ion: 43 Resp: 55328

Ion Ratio Lower Upper

43 100

74 26.5 20.7 31.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

20000

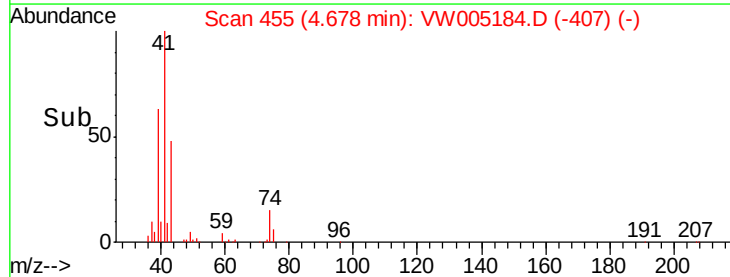
15000

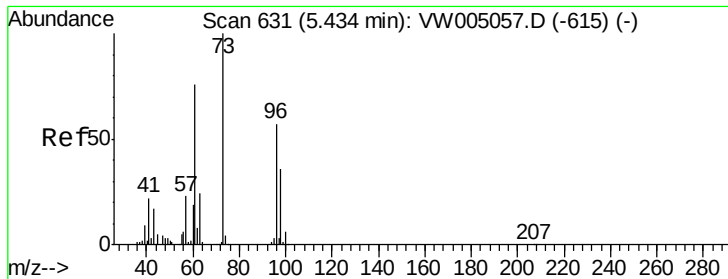
10000

5000

0

Time-->





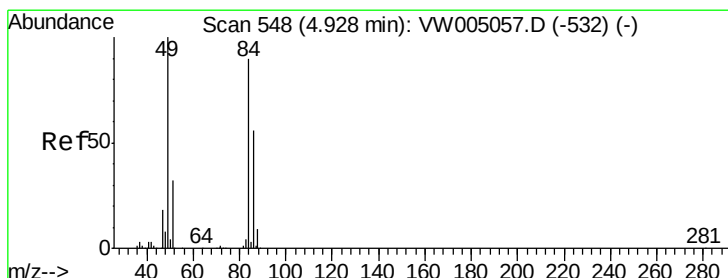
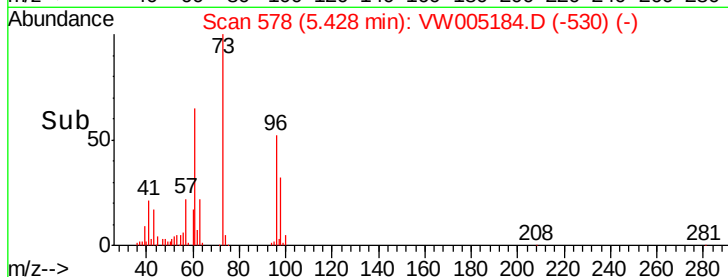
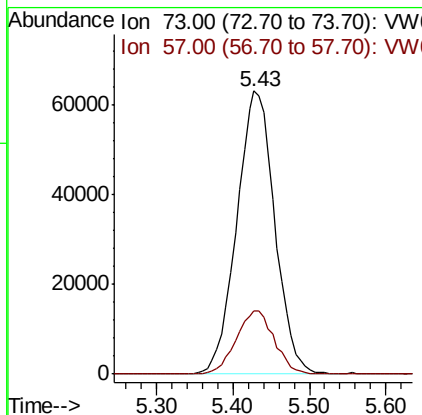
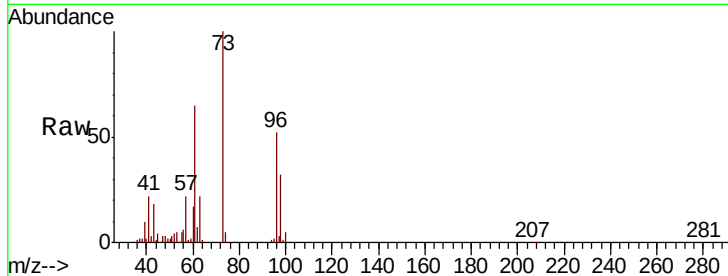
#19
Methyl tert-butyl Ether
Concen: 25.62 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW005184.D
Acq: 07 Sep 2018 02:05

Instrument :
MSVOA_W
ClientSampled :
VW0906SBS02

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.1	18.1	27.1

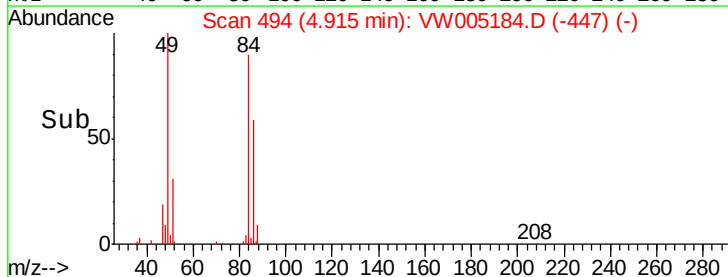
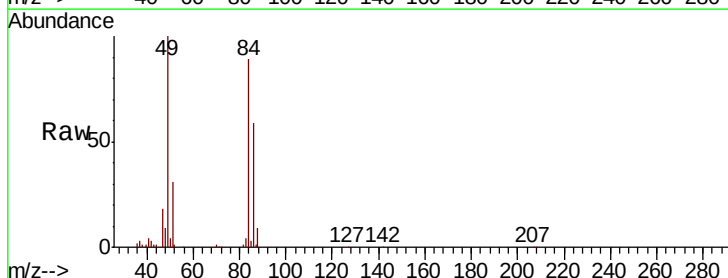
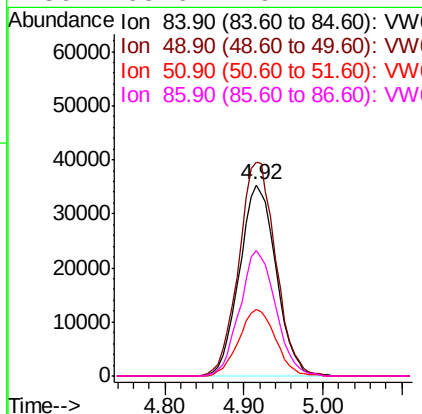
Manual Integrations
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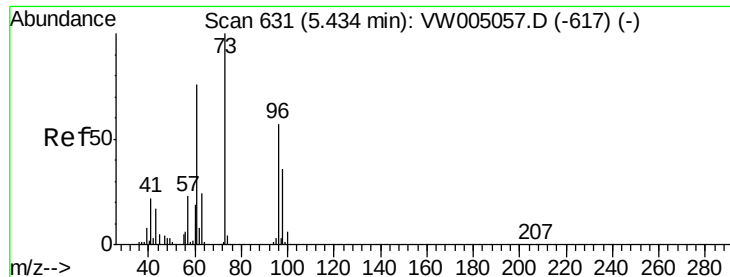
apatel
9/7/2018 12:35:40 PM



#20
Methylene Chloride
Concen: 21.27 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW005184.D
Acq: 07 Sep 2018 02:05

Tgt Ion	Ratio	Lower	Upper
84	100		
49	111.9	88.7	133.1
51	35.2	28.6	42.8
86	65.6	49.4	74.2





#21

trans-1,2-Dichloroethene

Concen: 22.12 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.01 min

Lab File: VW005184.D

Acq: 07 Sep 2018 02:05

Instrument :

MSVOA_W

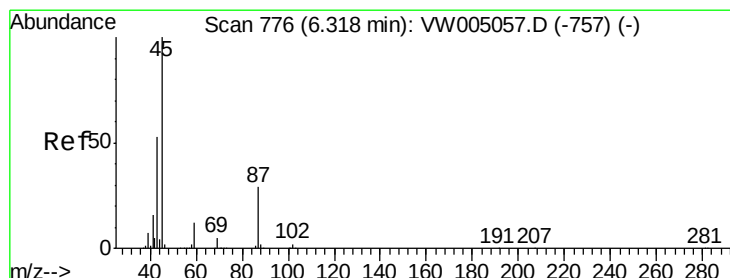
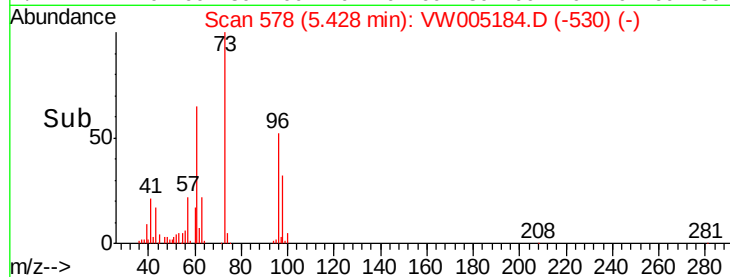
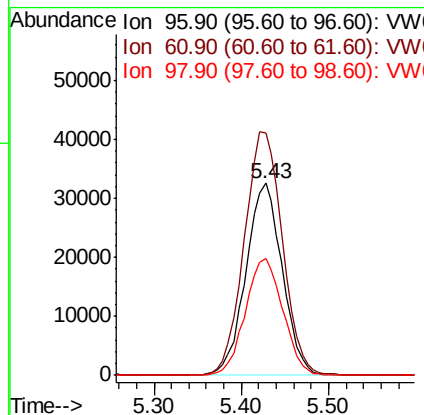
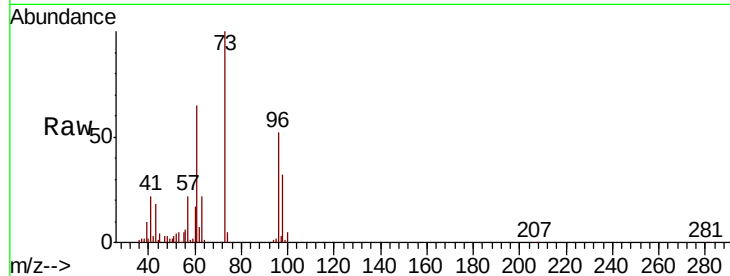
ClientSampleId :

VW0906SBS02

Tot Ion:	96	Resp:	94239
Ion	Ratio	Lower	Upper
96	100		
61	125.9	106.3	159.5
98	61.0	50.9	76.3

Manual Integrations
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apatel
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#22

Diisopropyl ether

Concen: 24.01 ug/l

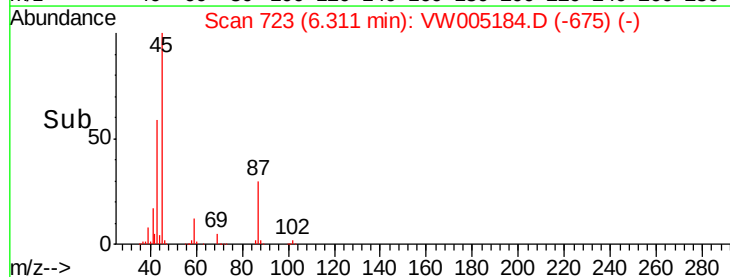
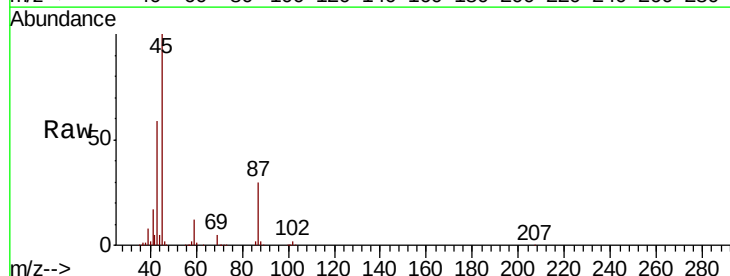
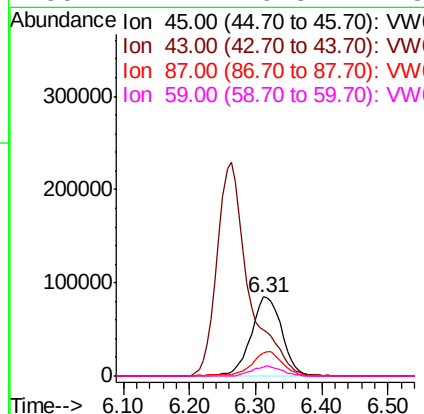
RT: 6.31 min Scan# 723

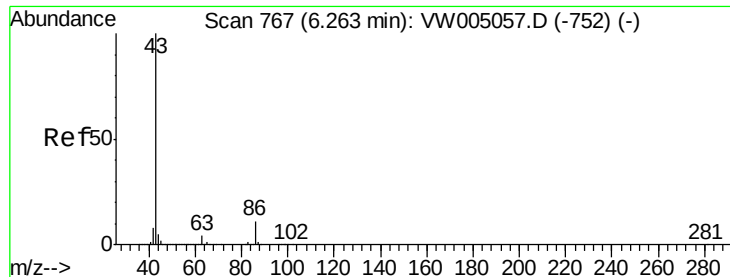
Delta R.T. -0.01 min

Lab File: VW005184.D

Acq: 07 Sep 2018 02:05

Tgt Ion:	45	Resp:	276154
Ion	Ratio	Lower	Upper
45	100		
43	57.8	42.6	63.8
87	29.5	23.6	35.4
59	12.2	9.8	14.8





#23

Vinyl Acetate

Concen: 126.04 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW005184.D

Acq: 07 Sep 2018 02:05

Instrument :

MSVOA_W

ClientSampleID :

VW0906SBSD02

Tot Ion: 43 Resp: 761511

Ion Ratio Lower Upper

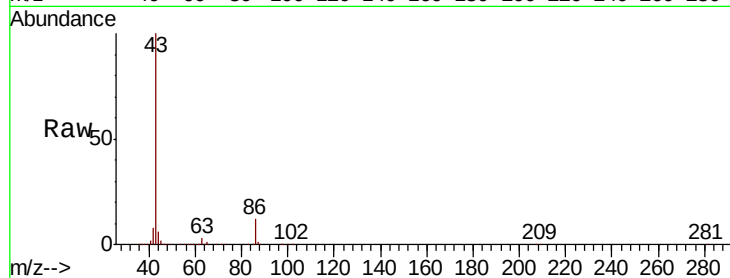
43 100

86 11.6 9.0 13.4

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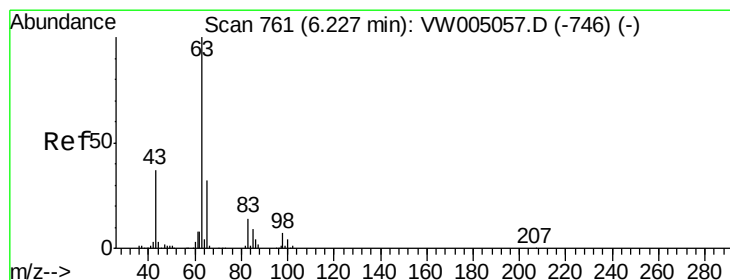
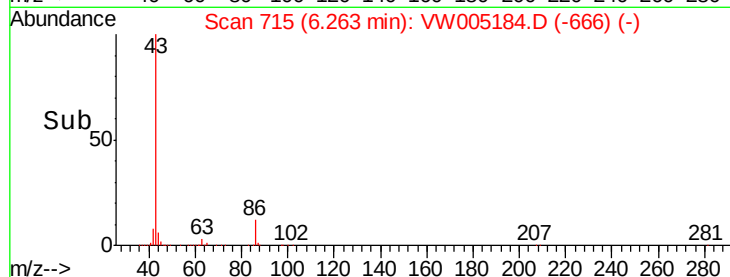
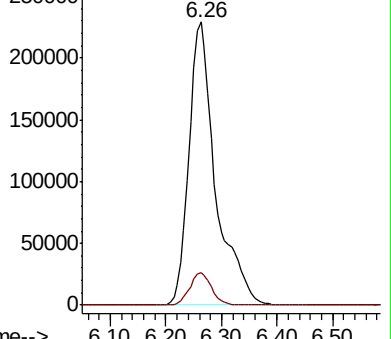
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 22.39 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.01 min

Lab File: VW005184.D

Acq: 07 Sep 2018 02:05

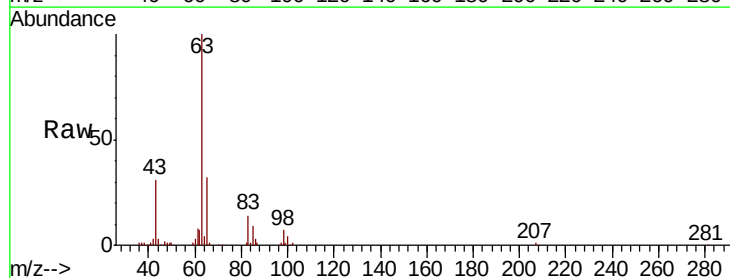
Tgt Ion: 63 Resp: 160986

Ion Ratio Lower Upper

63 100

98 6.7 3.6 10.8

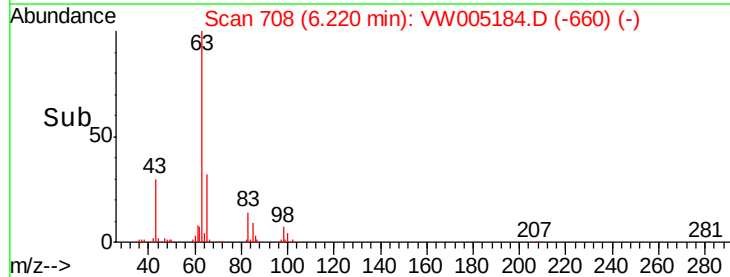
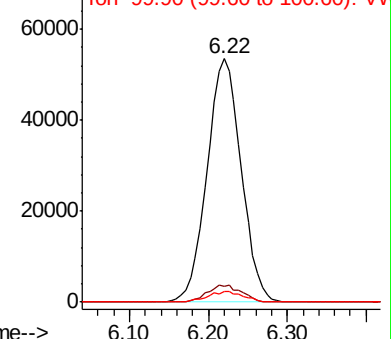
100 4.4 2.2 6.6

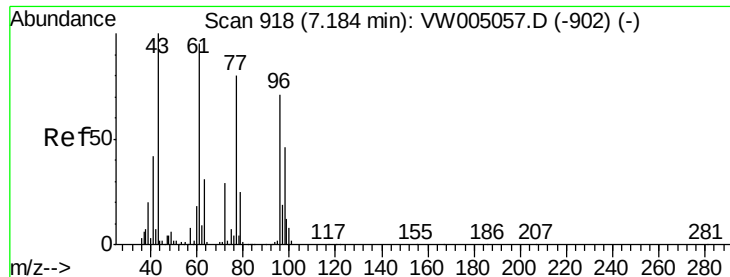


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 130.12 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.01 min

Lab File: VW005184.D

Acq: 07 Sep 2018 02:05

Tot Ion: 43 Resp: 162250

Ion Ratio Lower Upper

43 100

72 28.6 23.1 34.7

Instrument :

MSVOA_W

ClientSampleId :

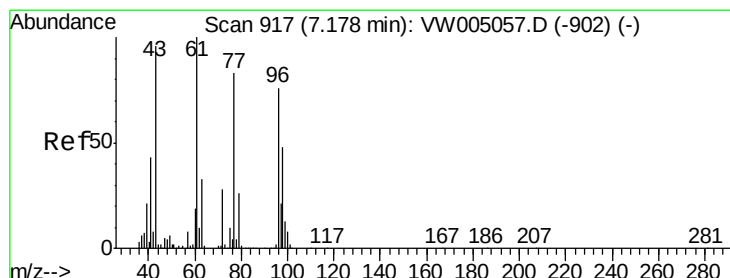
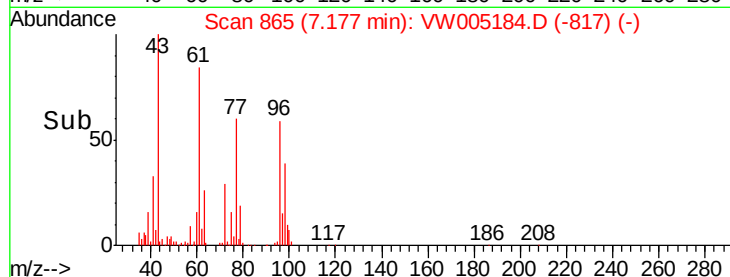
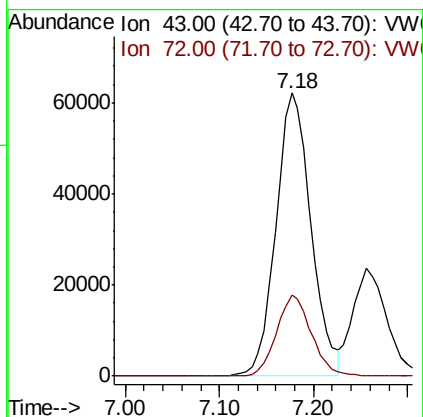
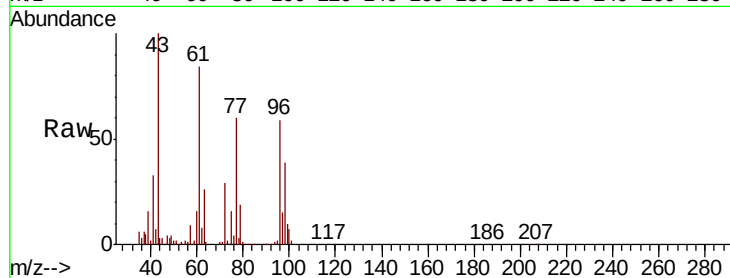
VW0906SBS02

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 19.46 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW005184.D

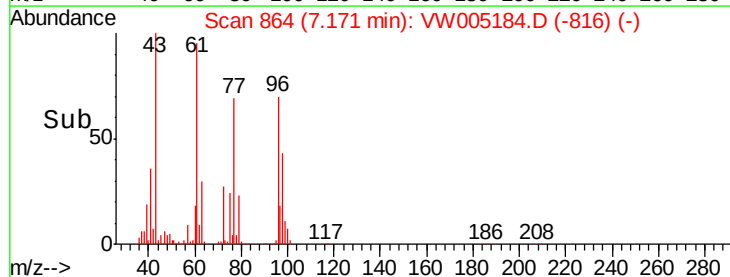
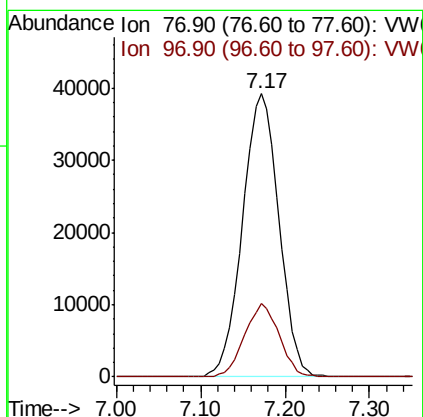
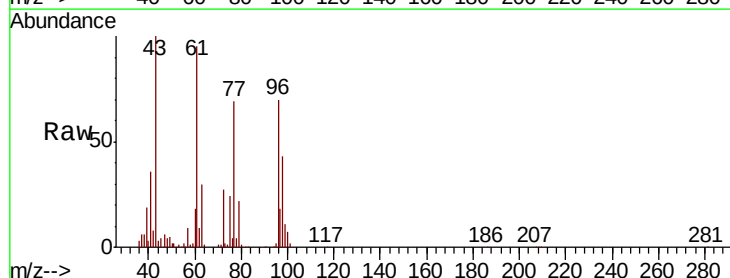
Acq: 07 Sep 2018 02:05

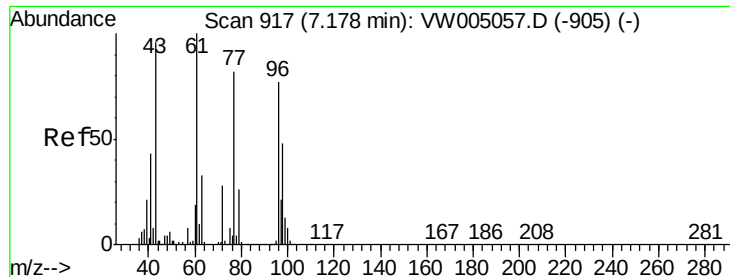
Tgt Ion: 77 Resp: 114972

Ion Ratio Lower Upper

77 100

97 24.6 12.2 36.6





#27

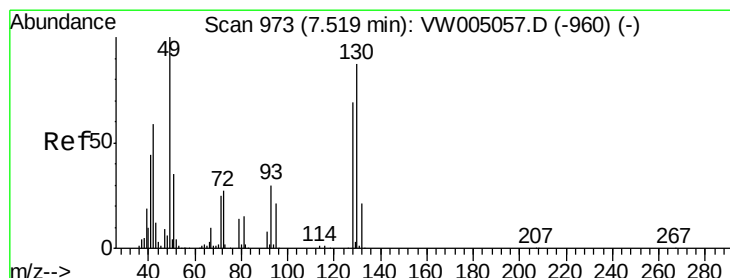
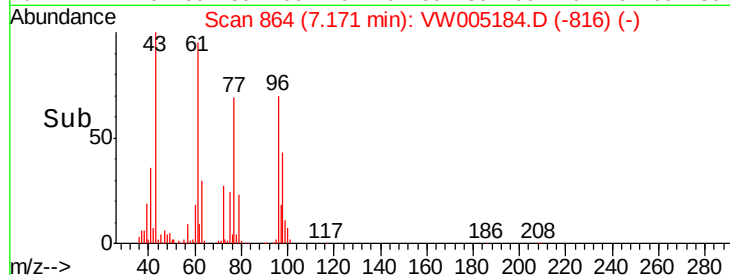
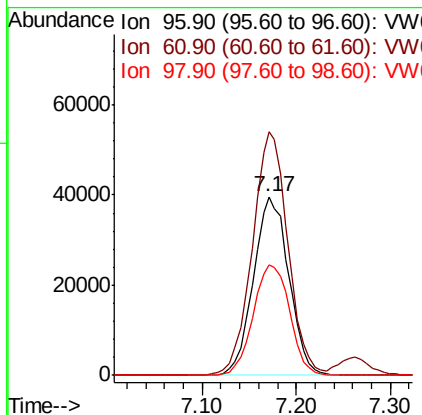
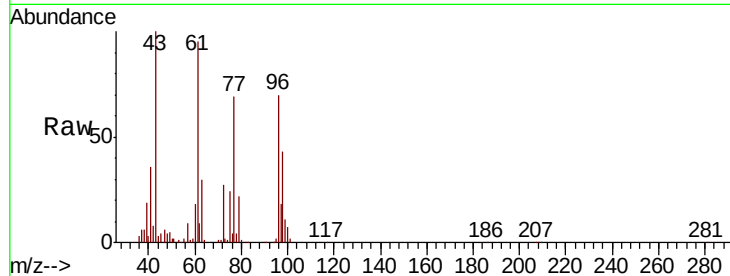
cis-1,2-Dichloroethene
Concen: 22.36 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: VW005184.D
Acq: 07 Sep 2018 02:05

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	137.0	0.0	273.2
98	64.0	0.0	127.8

Manual Integrations
APPROVED

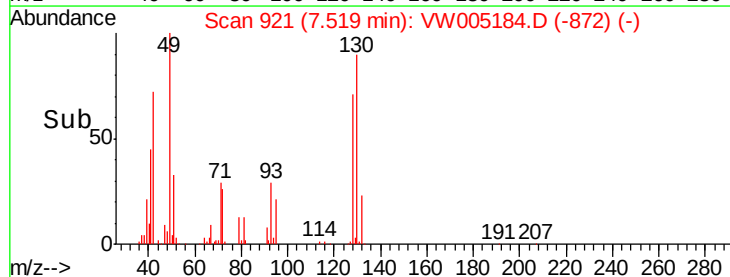
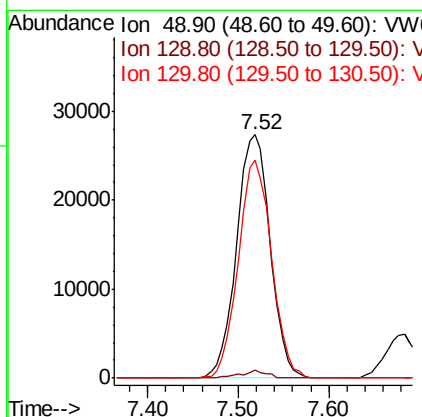
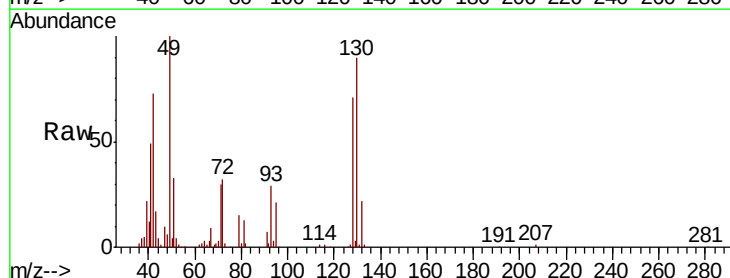
apatel
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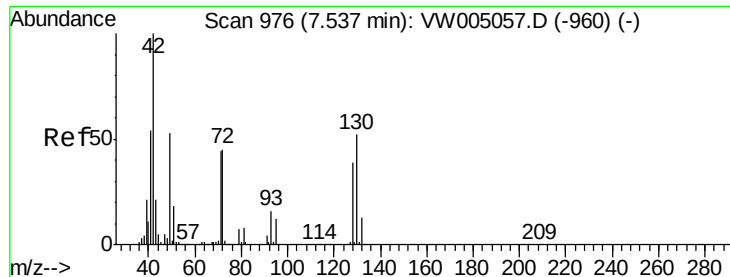


#28

Bromochloromethane
Concen: 24.26 ug/l
RT: 7.52 min Scan# 921
Delta R.T. -0.00 min
Lab File: VW005184.D
Acq: 07 Sep 2018 02:05

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.4
130	88.5	69.6	104.4





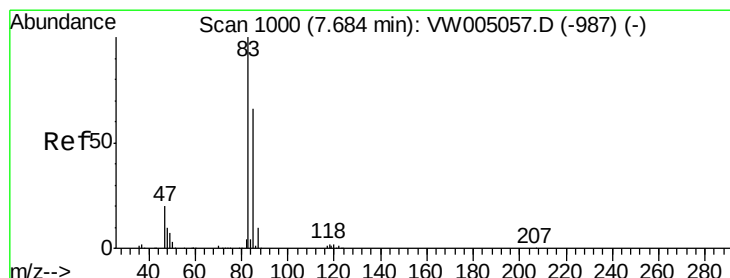
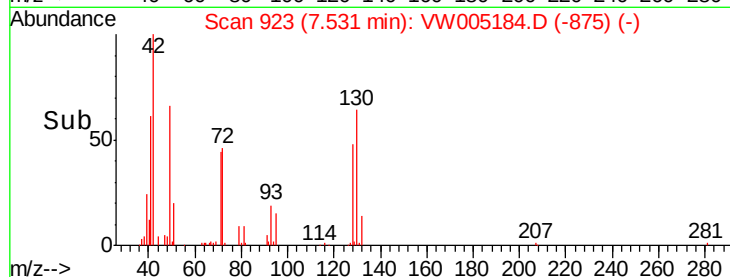
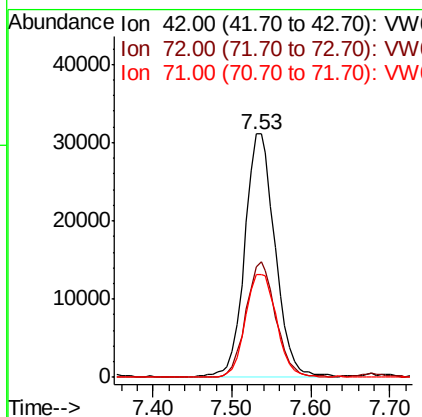
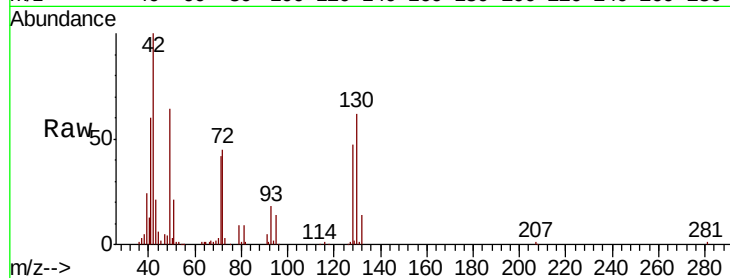
#29
Tetrahydrofuran
Concen: 130.93 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.01 min
Lab File: VW005184.D
Acq: 07 Sep 2018 02:05

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS02

Tot Ion:	42	Resp:	83418
Ion	Ratio	Lower	Upper
42	100		
72	46.4	37.0	55.4
71	43.5	35.0	52.6

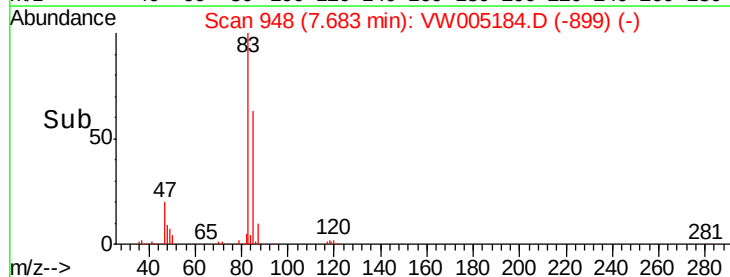
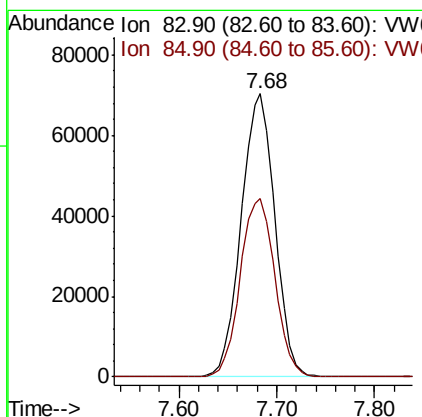
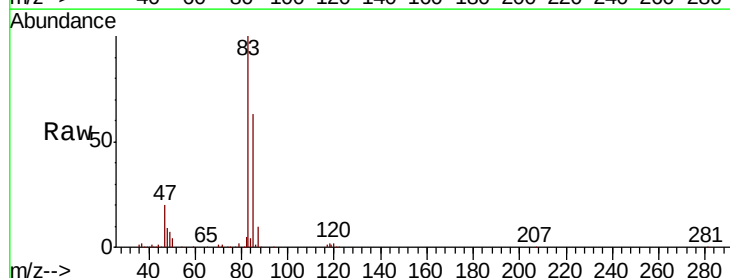
Manual Integrations
APPROVED

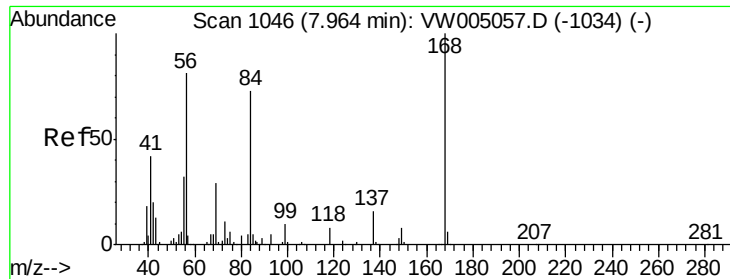
apatel
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#30
Chloroform
Concen: 22.94 ug/l
RT: 7.68 min Scan# 948
Delta R.T. -0.00 min
Lab File: VW005184.D
Acq: 07 Sep 2018 02:05

Tgt Ion:	83	Resp:	168304
Ion	Ratio	Lower	Upper
83	100		
85	62.9	53.1	79.7





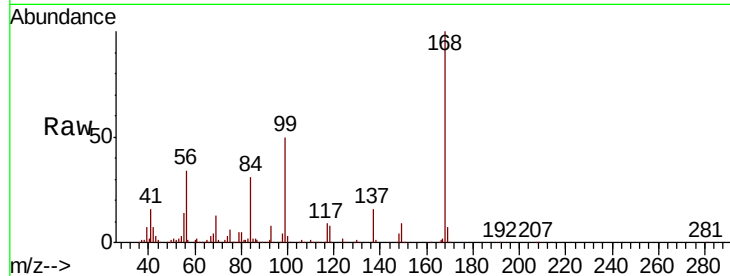
#31
Cyclohexane
Concen: 22.23 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.01 min
Lab File: VW005184.D
Acq: 07 Sep 2018 02:05

Instrument :
MSVOA_W
ClientSampled :
VW0906SBS02

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	37.0	28.2	42.2	
84	90.0	71.8	107.8	

Manual Integrations
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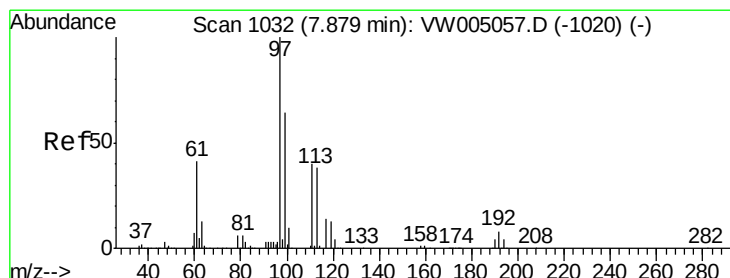
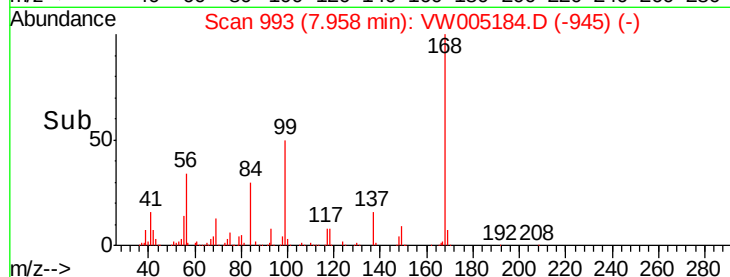
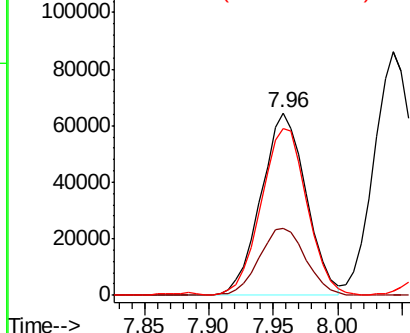


Abundance

Ion 56.00 (55.70 to 56.70): VW

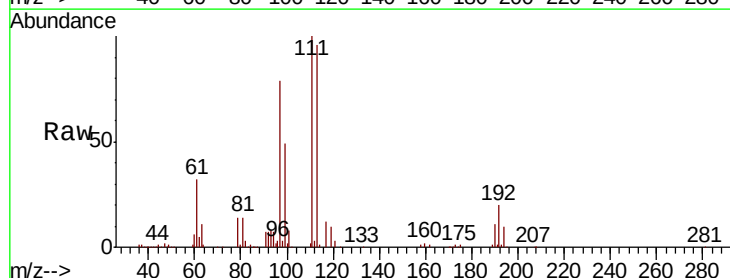
Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



#32
1,1,1-Trichloroethane
Concen: 21.96 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW005184.D
Acq: 07 Sep 2018 02:05

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	64.8	51.8	77.8	
61	41.9	33.2	49.8	

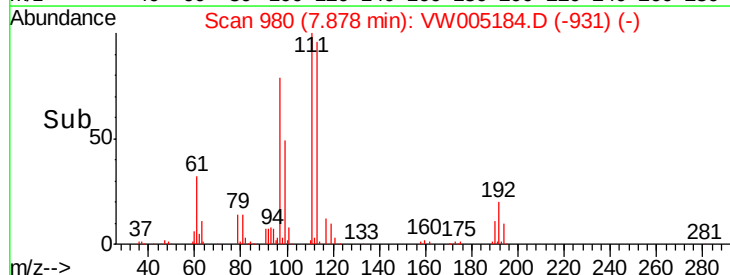
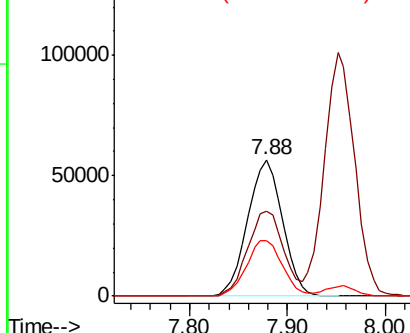


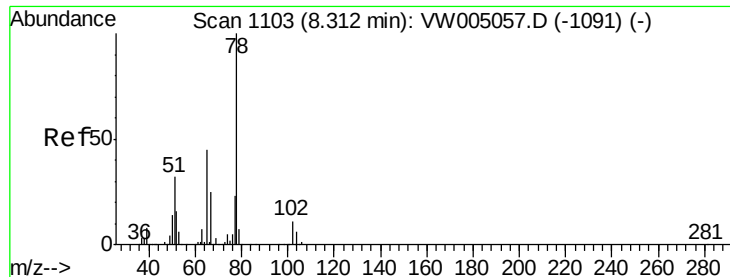
Abundance

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





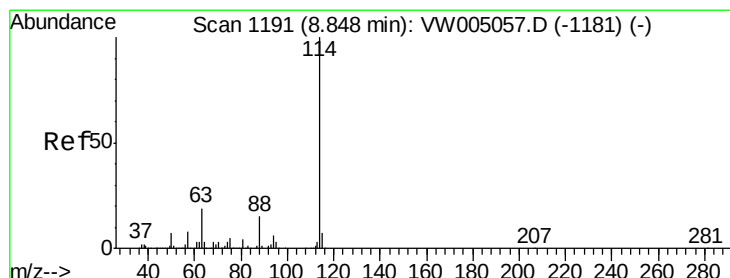
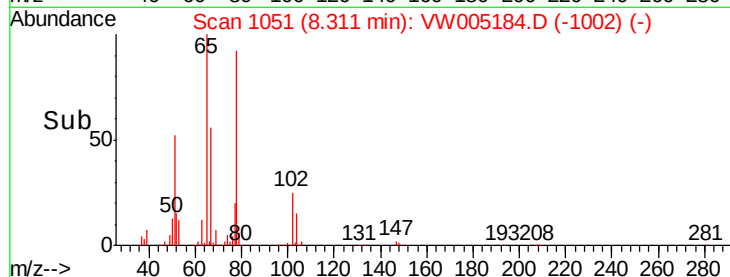
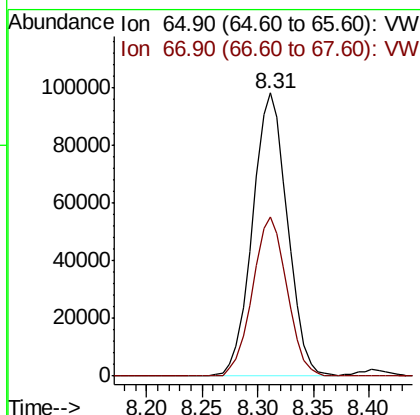
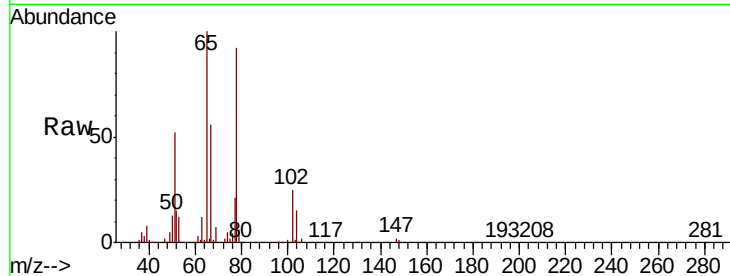
#33
 1,2-Dichloroethane-d4
 Concen: 59.68 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005184.D
 Acq: 07 Sep 2018 02:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBSD02

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	55.6	0.0	109.4	

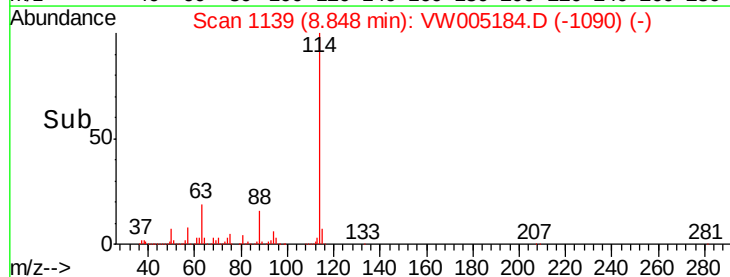
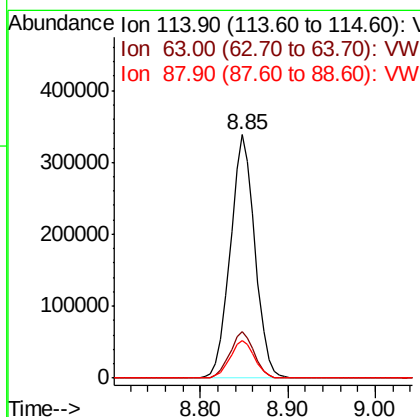
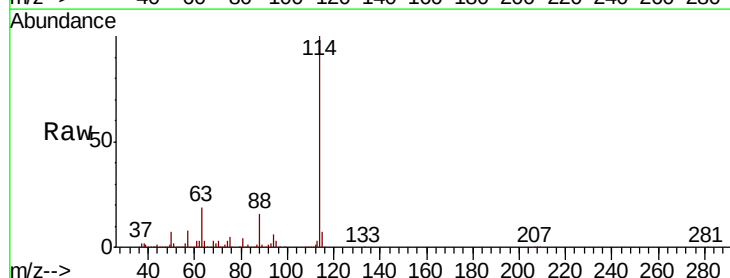
Manual Integrations
 APPROVED

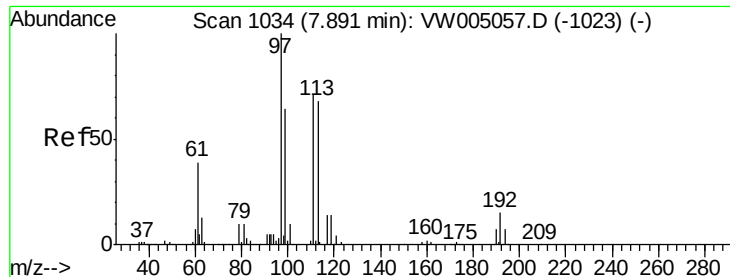
apatel
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005184.D
 Acq: 07 Sep 2018 02:05

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	18.9	0.0	38.0	
88	15.6	0.0	30.2	





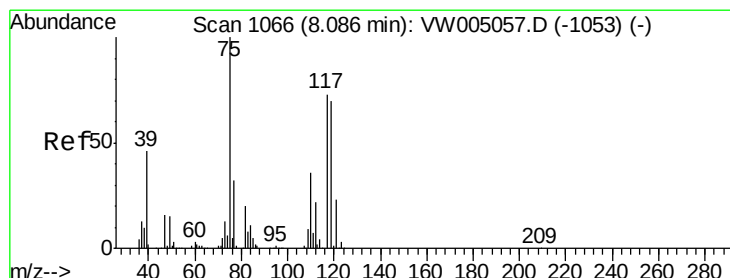
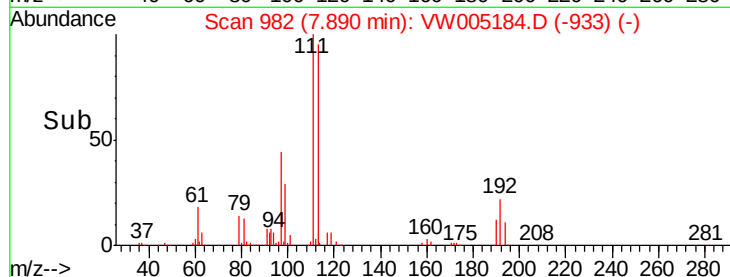
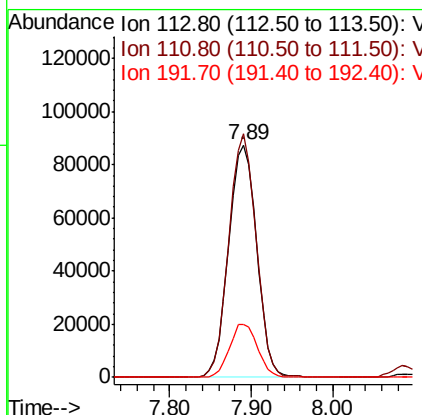
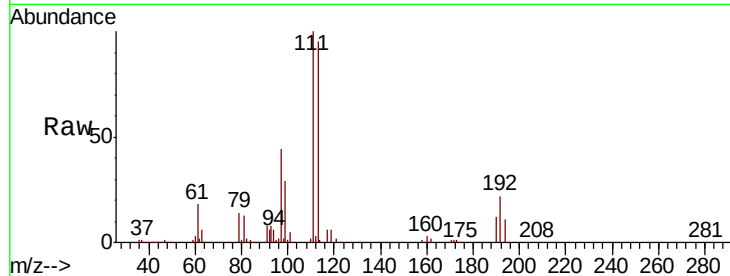
#35
 Dibromofluoromethane
 Concen: 54.70 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005184.D
 Acq: 07 Sep 2018 02:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	208193		
111	101.8	82.2	123.2	
192	22.7	18.1	27.1	

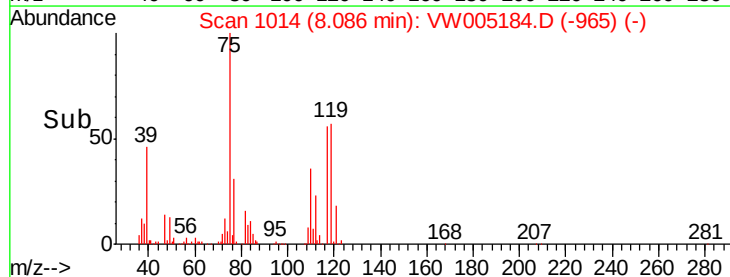
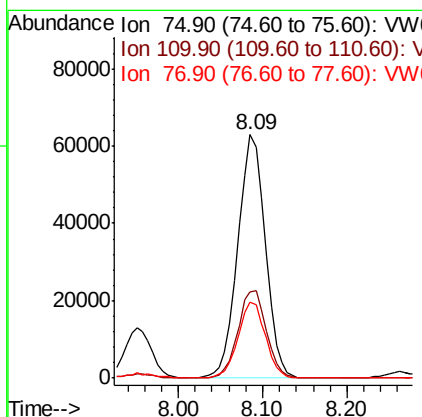
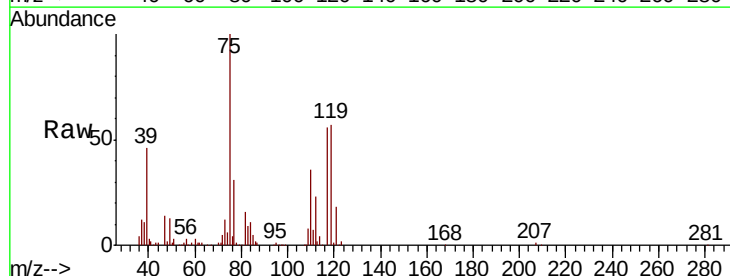
Manual Integrations
 APPROVED

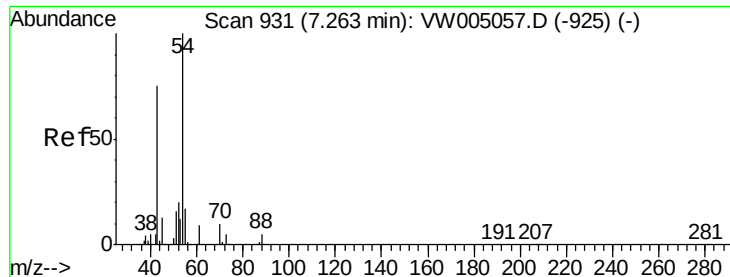
apatel
 9/7/2018 12:35:40 PM



#36
 1,1-Dichloropropene
 Concen: 22.15 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW005184.D
 Acq: 07 Sep 2018 02:05

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	138942		
110	36.8	18.9	56.7	
77	31.1	25.5	38.3	





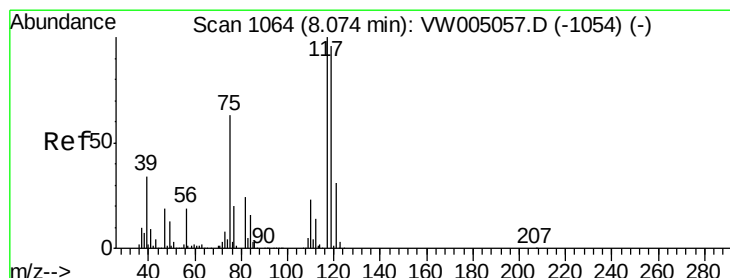
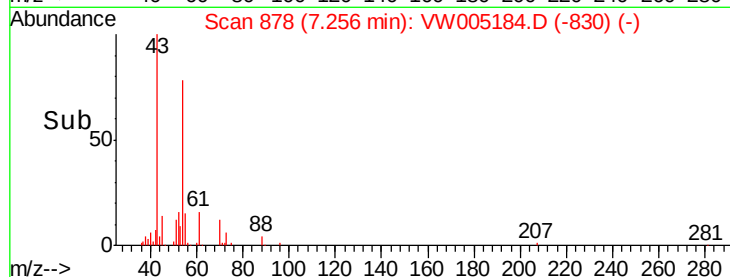
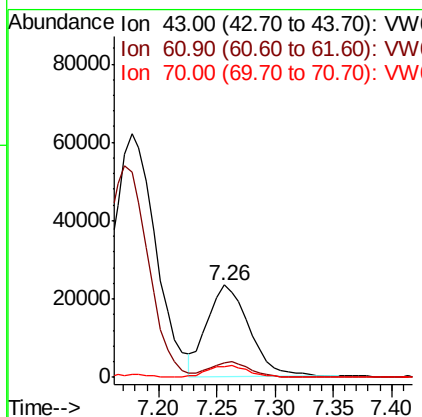
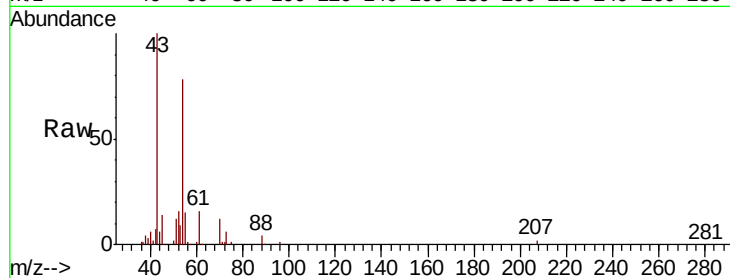
#37
Ethyl Acetate
Concen: 25.16 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.01 min
Lab File: VW005184.D
Acq: 07 Sep 2018 02:05

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBSD02

Tot Ion	43	Resp	59012
Ion	Ratio	Lower	Upper
43	100		
61	15.9	12.1	18.1
70	12.7	9.4	14.2

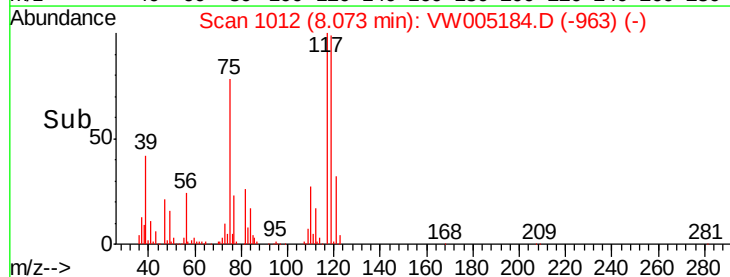
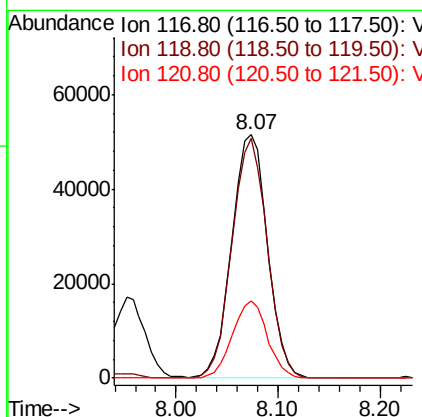
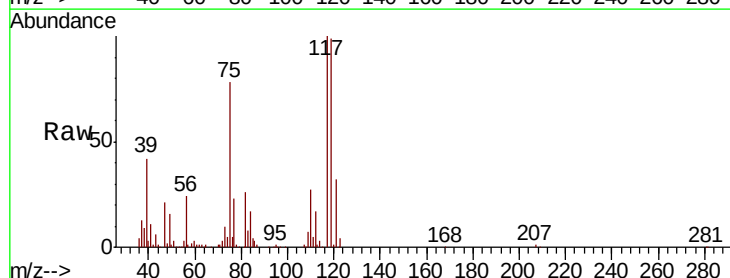
Manual Integrations
APPROVED

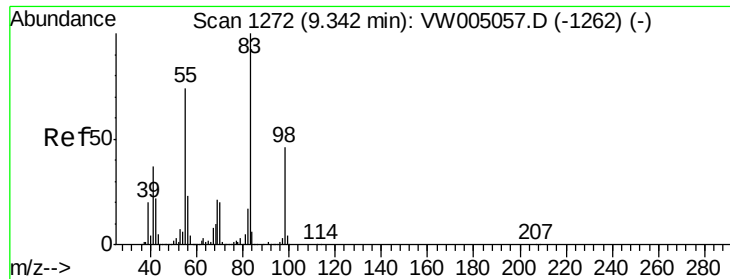
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#38
Carbon Tetrachloride
Concen: 20.99 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW005184.D
Acq: 07 Sep 2018 02:05

Tgt Ion	117	Resp	125197
Ion	Ratio	Lower	Upper
117	100		
119	98.6	76.6	115.0
121	31.7	24.8	37.2





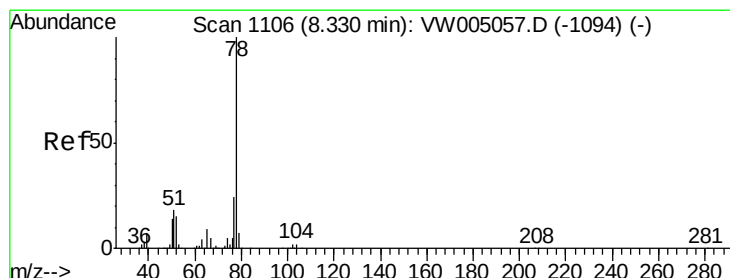
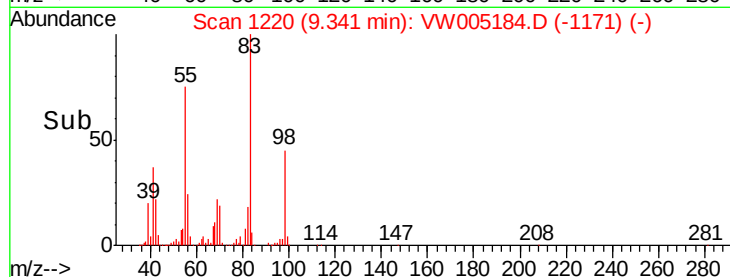
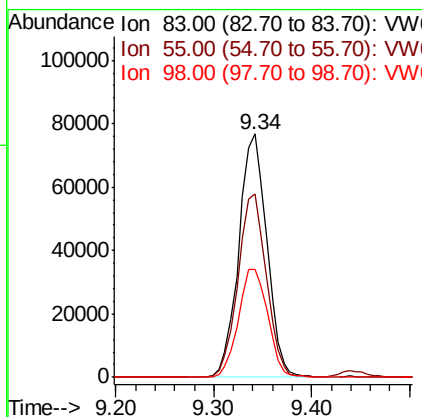
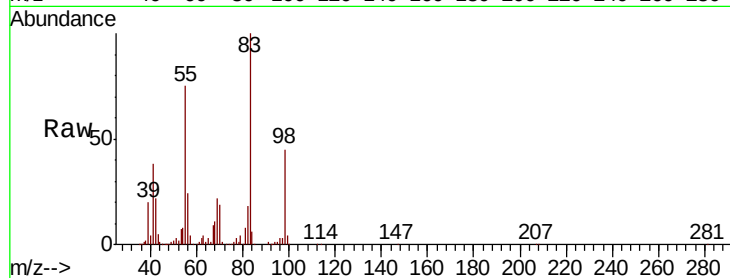
#39
Methylvlcyclohexane
Concen: 20.25 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW005184.D
Acq: 07 Sep 2018 02:05

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.5	58.9	88.3
98	44.6	36.8	55.2

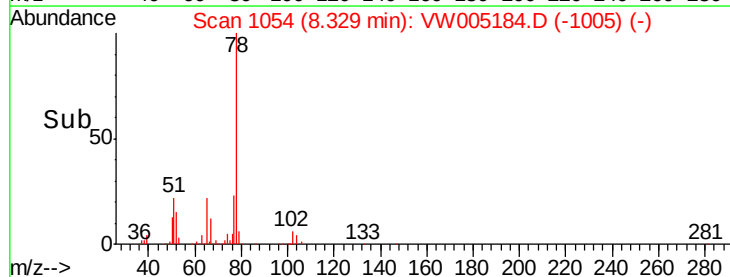
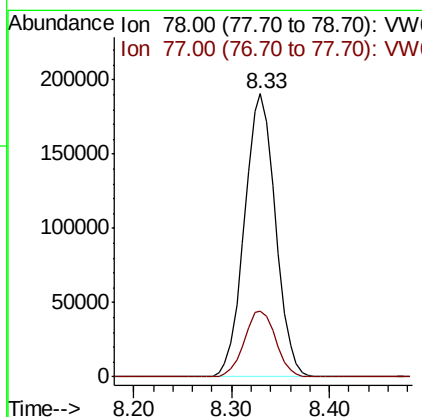
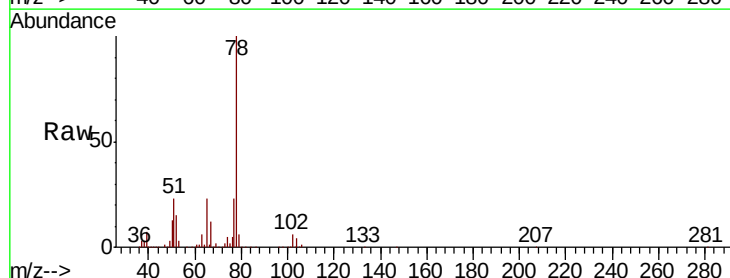
Manual Integrations
APPROVED

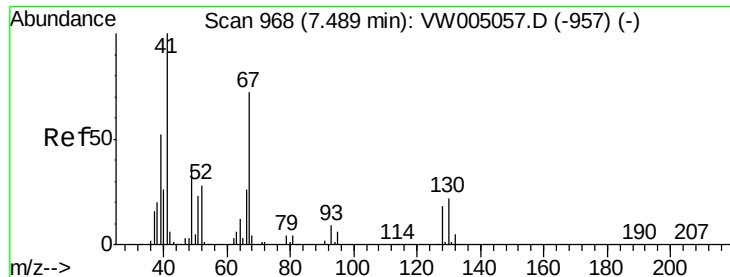
apatel
9/7/2018 12:35:40 PM



#40
Benzene
Concen: 21.76 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW005184.D
Acq: 07 Sep 2018 02:05

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.4	29.0





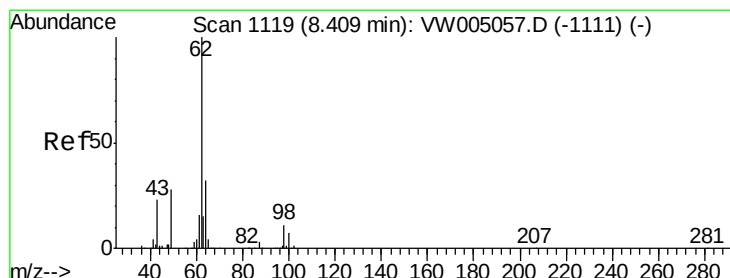
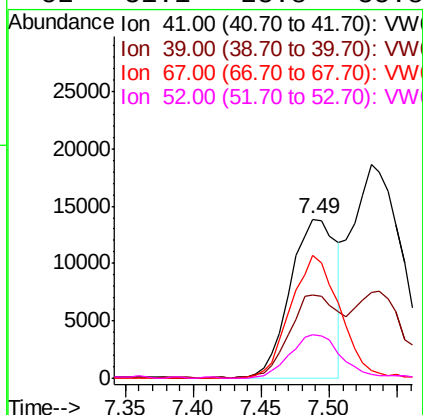
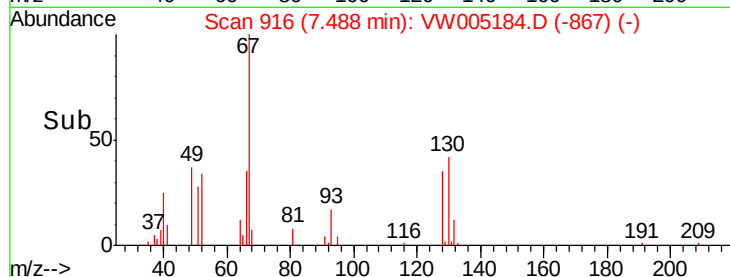
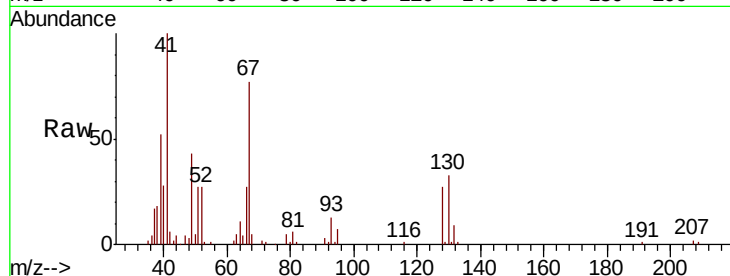
#41
Methacrylonitrile
Concen: 24.18 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW005184.D
Acq: 07 Sep 2018 02:05

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS02

Tot Ion	Ratio	Lower	Upper
41	100		
39	57.4	41.8	62.8
67	82.5	60.4	90.6
52	31.1	23.8	35.8

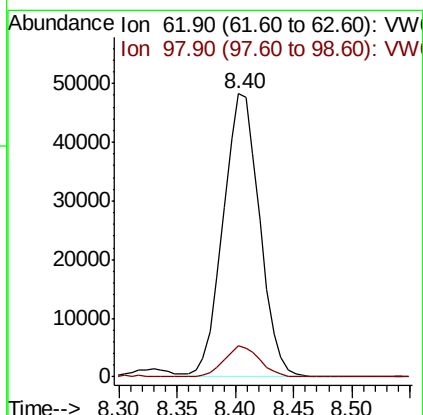
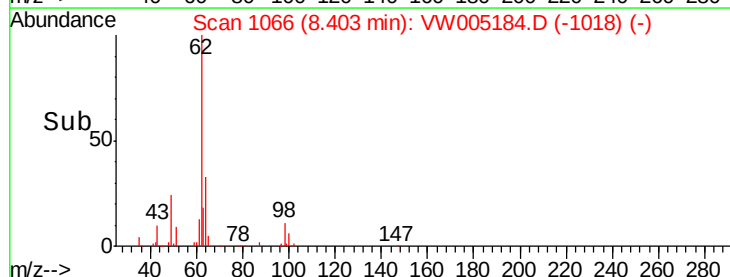
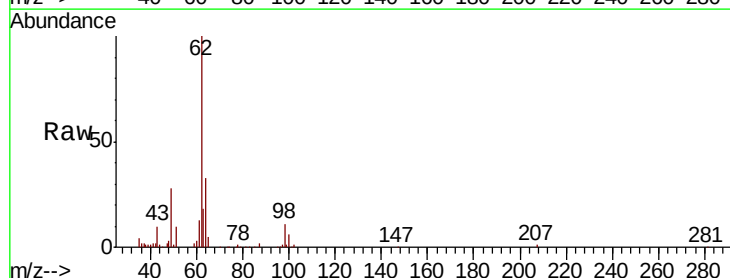
Manual Integrations
APPROVED

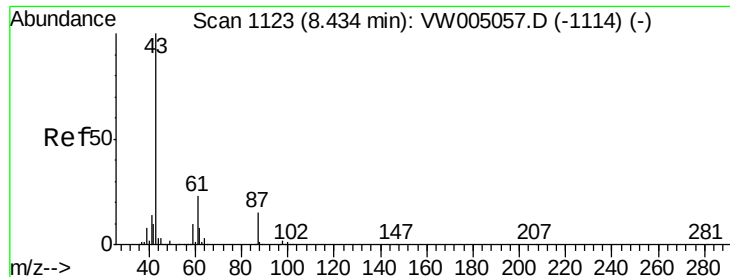
apatel
9/7/2018 12:35:40 PM



#42
1,2-Dichloroethane
Concen: 22.33 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.01 min
Lab File: VW005184.D
Acq: 07 Sep 2018 02:05

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	21.8





#43

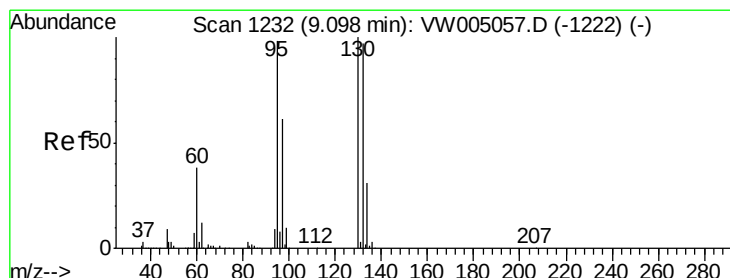
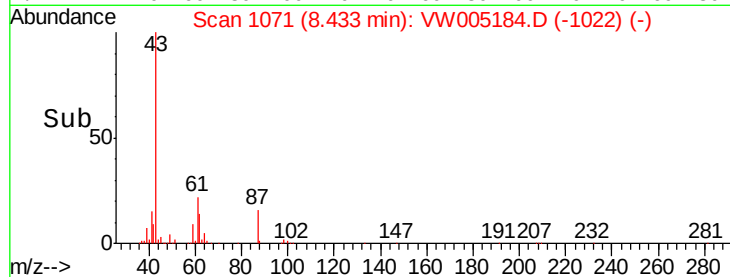
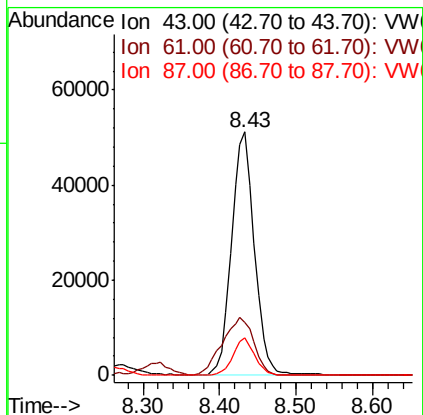
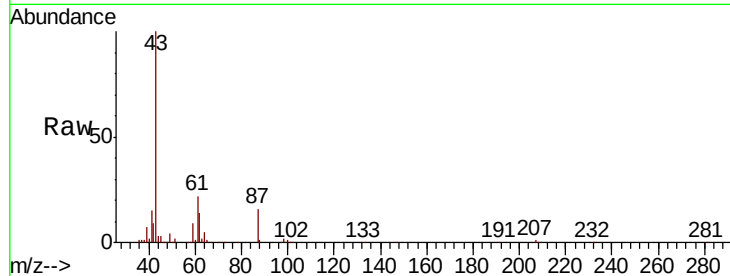
Isopropyl Acetate
 Concen: 24.68 ug/l
 RT: 8.43 min Scan# 1071
 Delta R.T. -0.00 min
 Lab File: VW005184.D
 Acq: 07 Sep 2018 02:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	32.5	26.8	40.2
87	14.7	11.6	17.4

Manual Integrations
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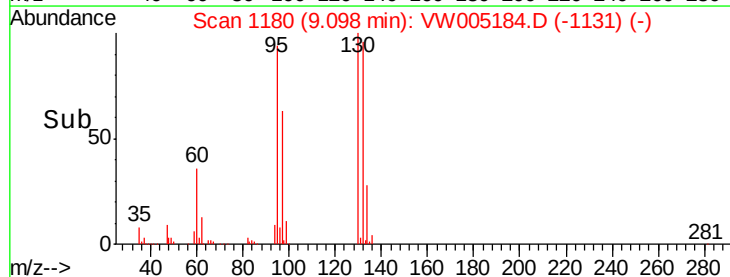
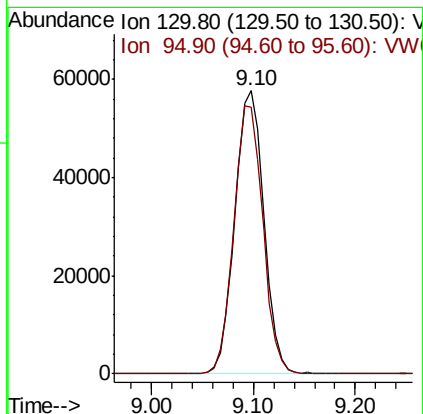
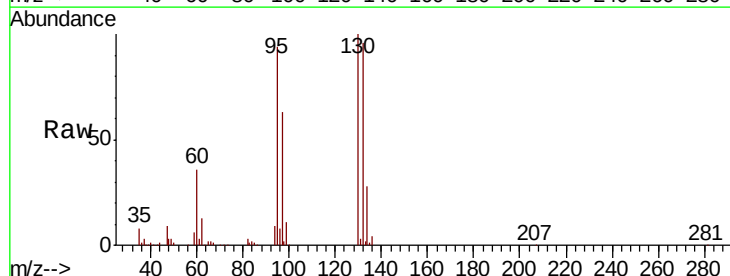
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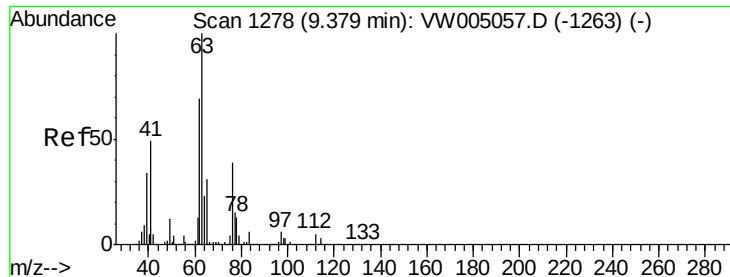


#44

Trichloroethene
 Concen: 21.92 ug/l
 RT: 9.10 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VW005184.D
 Acq: 07 Sep 2018 02:05

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.3	0.0	195.2





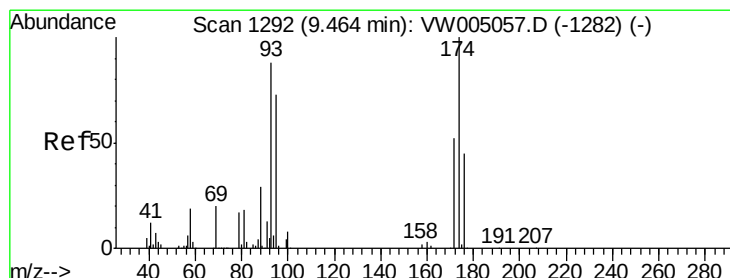
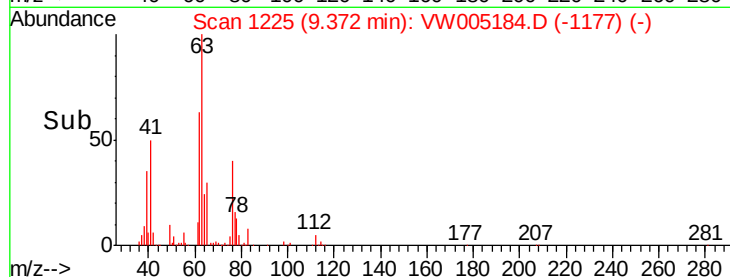
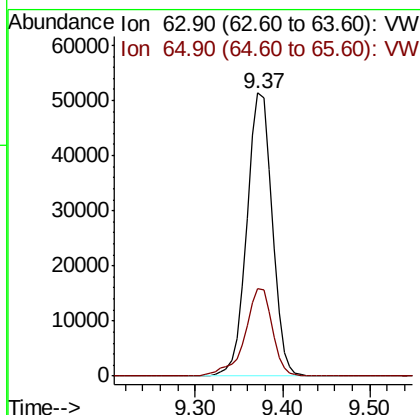
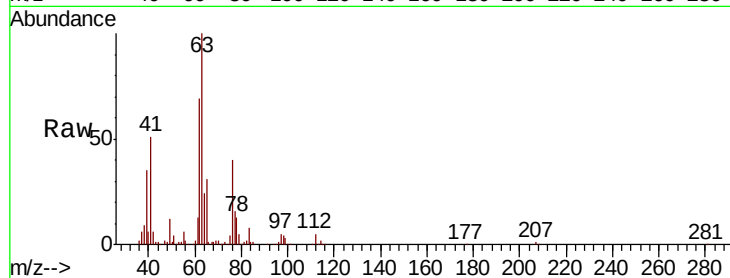
#45
 1,2-Dichloropropane
 Concen: 22.02 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: VW005184.D
 Acq: 07 Sep 2018 02:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBS02

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.1	24.6	37.0

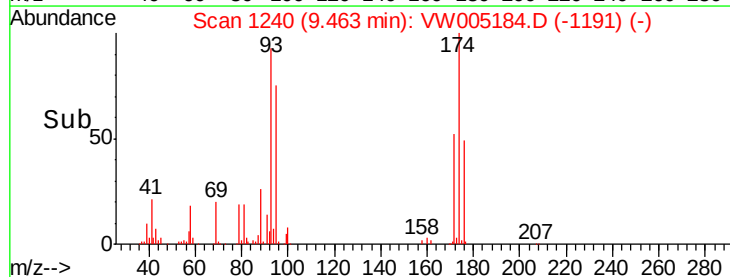
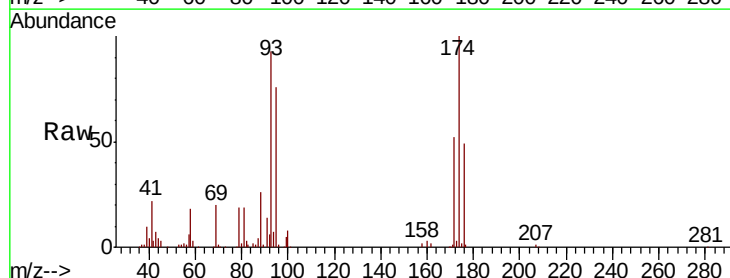
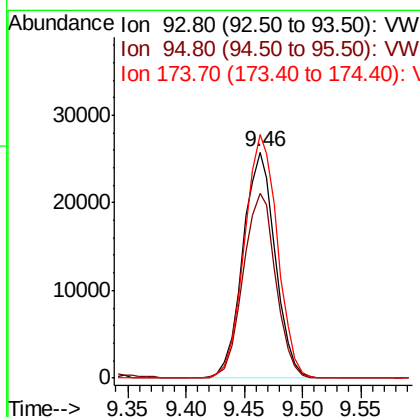
Manual Integrations
 APPROVED

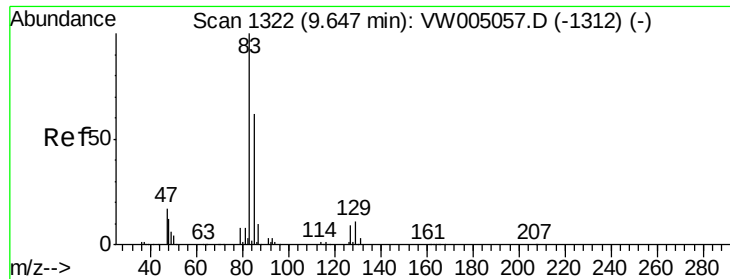
apatel
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#46
 Dibromomethane
 Concen: 22.24 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW005184.D
 Acq: 07 Sep 2018 02:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.6	66.2	99.4
174	110.1	92.0	138.0





#47

Bromodichloromethane

Concen: 21.37 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW005184.D

Acq: 07 Sep 2018 02:05

Instrument :

MSVOA_W

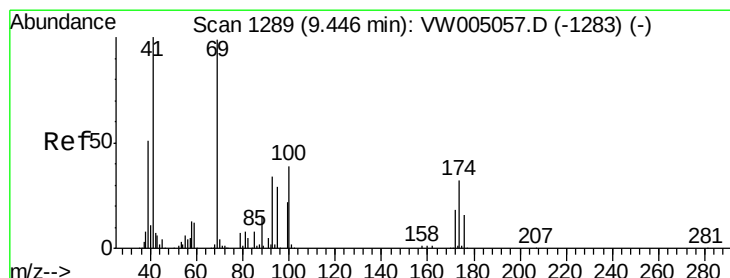
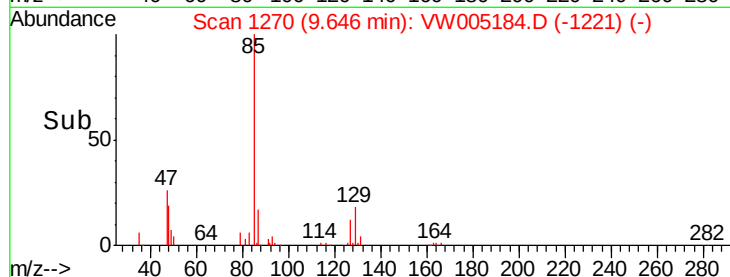
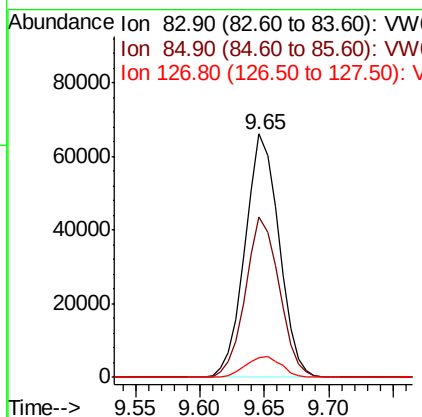
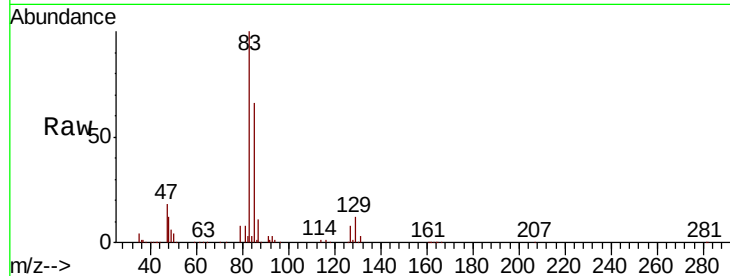
ClientSampleId :

VW0906SBS02

Tot Ion:	83	Resp:	120687
Ion	Ratio	Lower	Upper
83	100		
85	65.9	49.8	74.6
127	8.1	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 22.18 ug/l

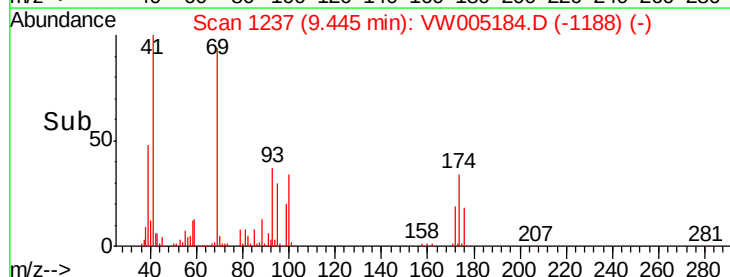
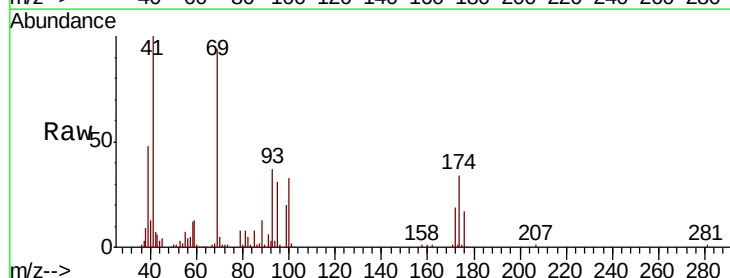
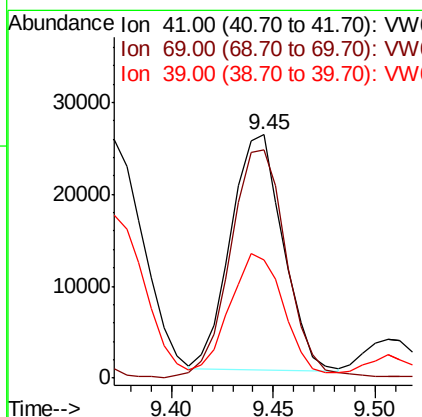
RT: 9.45 min Scan# 1237

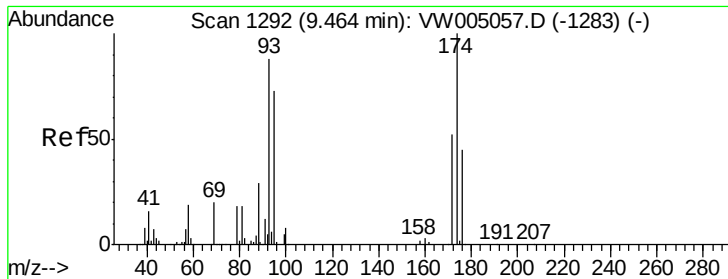
Delta R.T. -0.00 min

Lab File: VW005184.D

Acq: 07 Sep 2018 02:05

Tgt Ion:	41	Resp:	45601
Ion	Ratio	Lower	Upper
41	100		
69	105.1	80.4	120.6
39	55.1	43.5	65.3





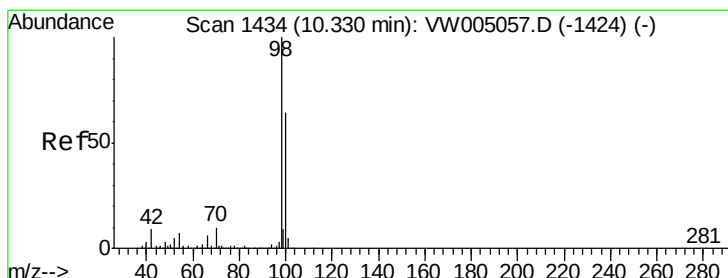
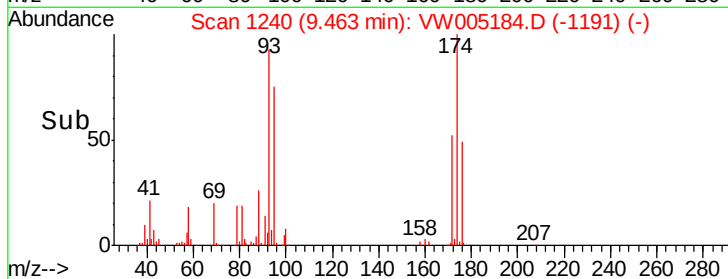
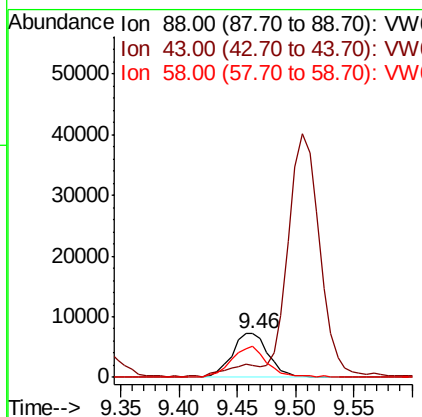
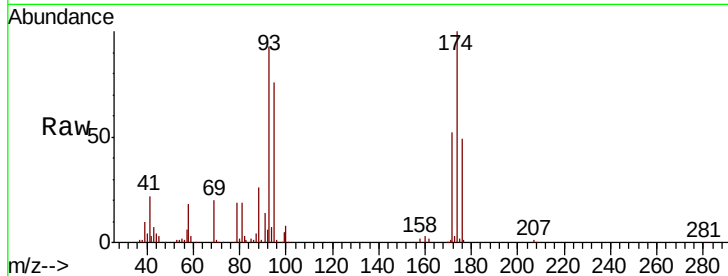
#49
1,4-Dioxane
Concen: 431.79 ug/l
RT: 9.46 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VW005184.D
Acq: 07 Sep 2018 02:05

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS02

Tot Ion	88	Resp	15664
Ion	Ratio	Lower	Upper
88	100		
43	25.1	19.8	29.6
58	71.2	57.1	85.7

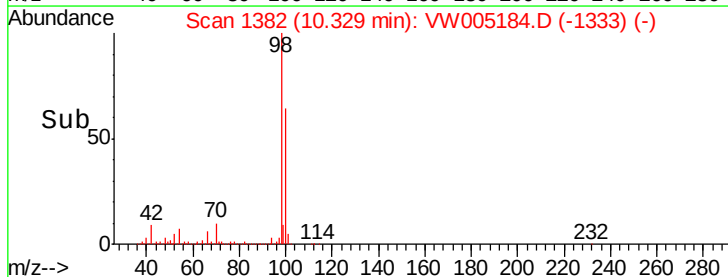
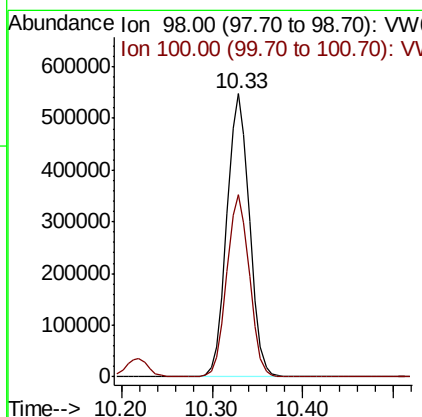
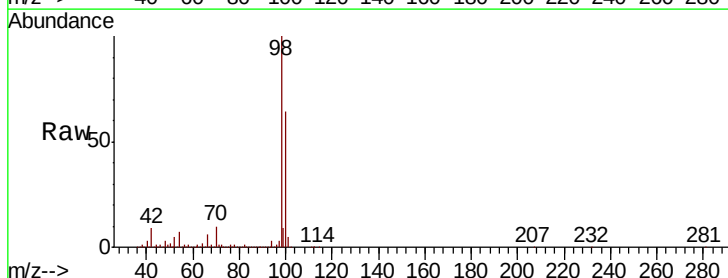
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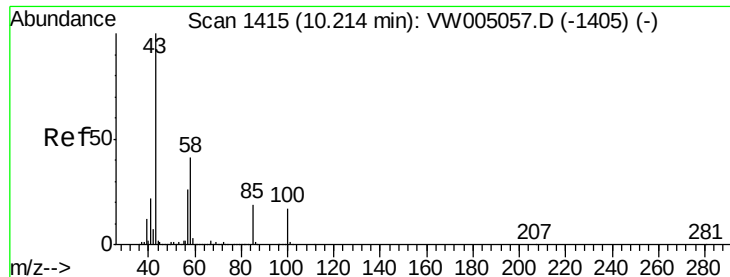
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#50
Toluene-d8
Concen: 53.99 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005184.D
Acq: 07 Sep 2018 02:05

Tgt Ion	98	Resp	946920
Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.7	77.5





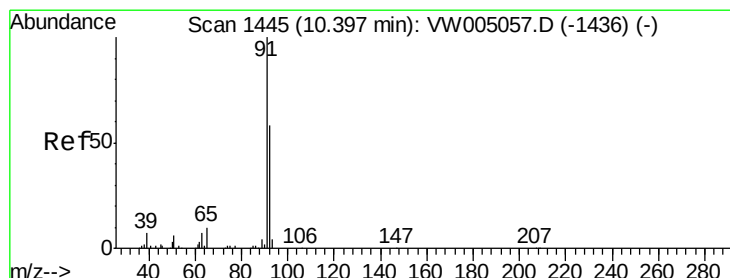
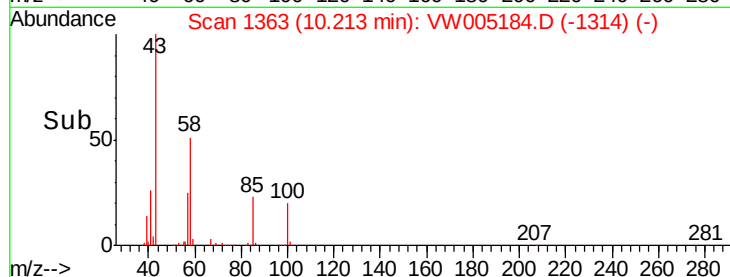
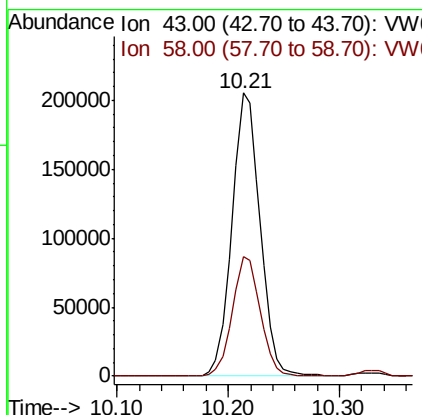
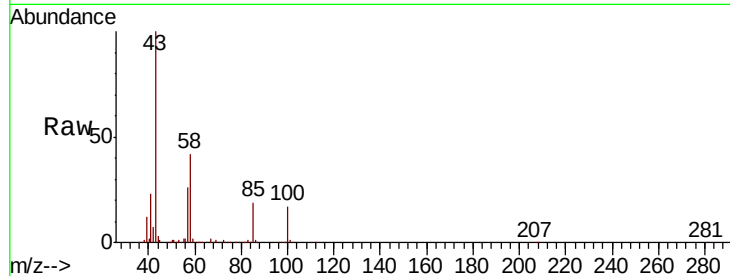
#51
 4-Methyl-2-Pentanone
 Concen: 124.97 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW005184.D
 Acq: 07 Sep 2018 02:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
58	42.0	33.3	49.9

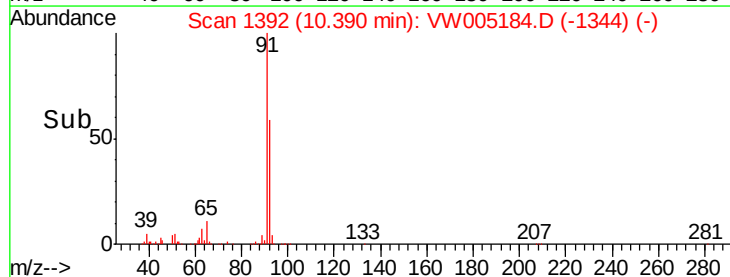
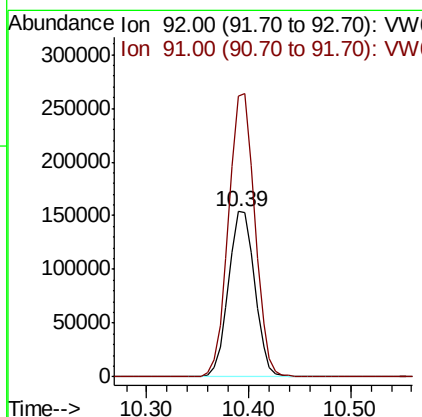
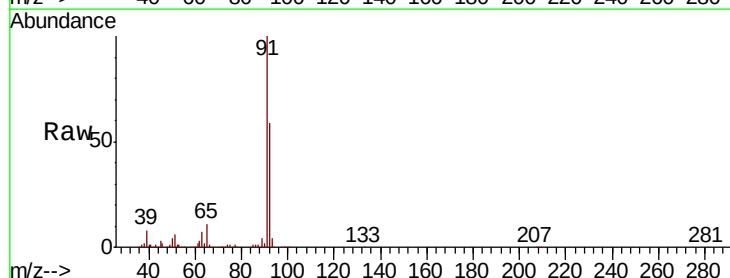
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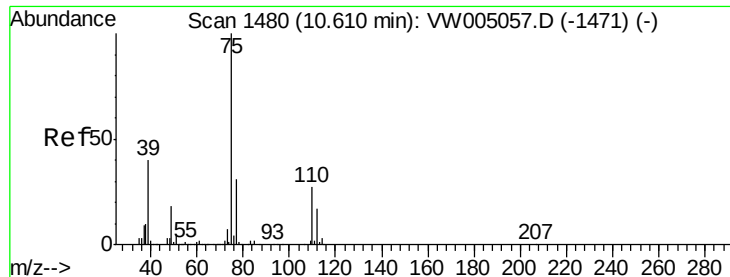
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#52
 Toluene
 Concen: 20.99 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.01 min
 Lab File: VW005184.D
 Acq: 07 Sep 2018 02:05

Tgt Ion	Ratio	Lower	Upper
92	100		
91	172.2	139.2	208.8





#53

t-1,3-Dichloropropene

Concen: 22.37 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW005184.D

Acq: 07 Sep 2018 02:05

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBSD02

Tot Ion: 75 Resp: 124180

Ion Ratio Lower Upper

75 100

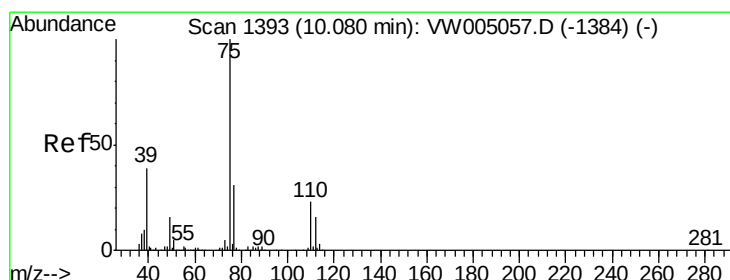
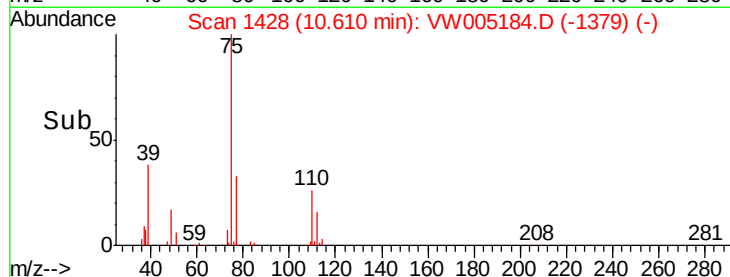
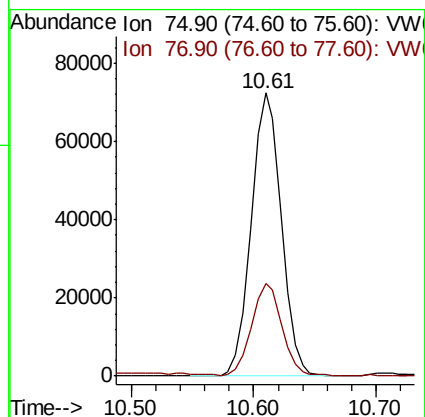
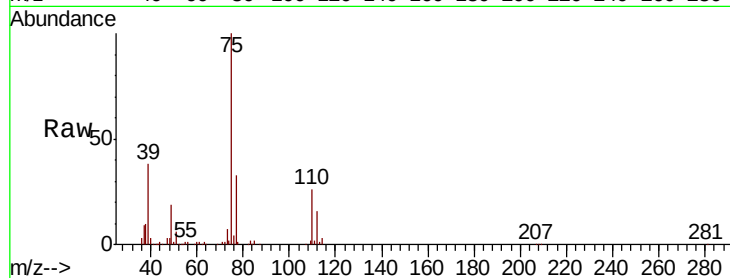
77 32.7 25.0 37.6

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 22.67 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VW005184.D

Acq: 07 Sep 2018 02:05

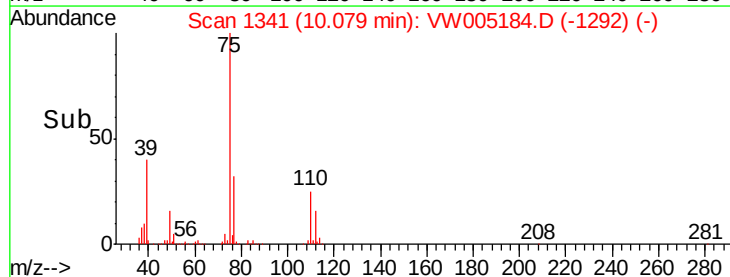
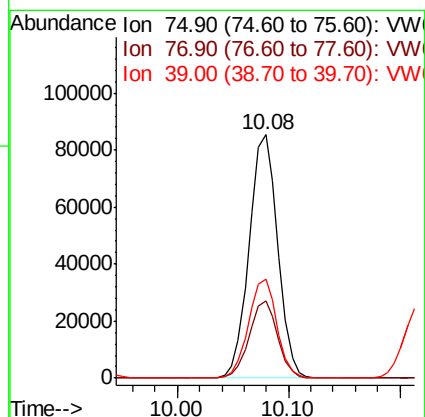
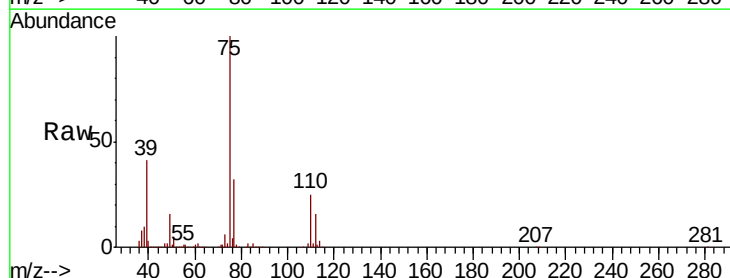
Tgt Ion: 75 Resp: 153016

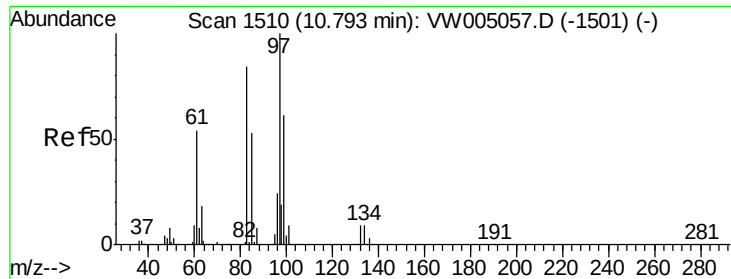
Ion Ratio Lower Upper

75 100

77 31.7 24.9 37.3

39 40.4 31.0 46.6





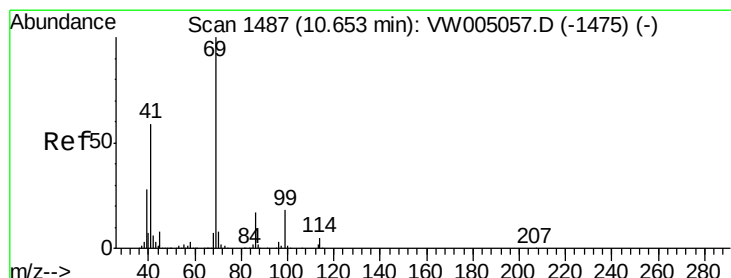
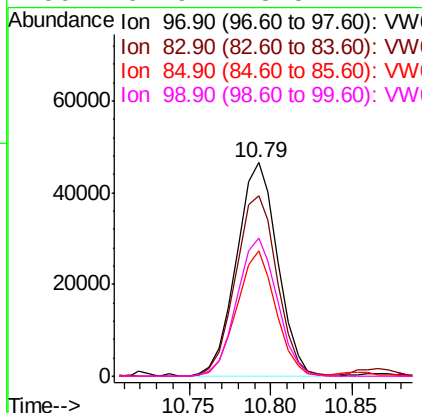
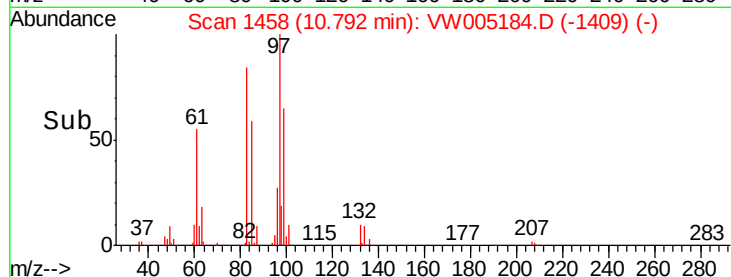
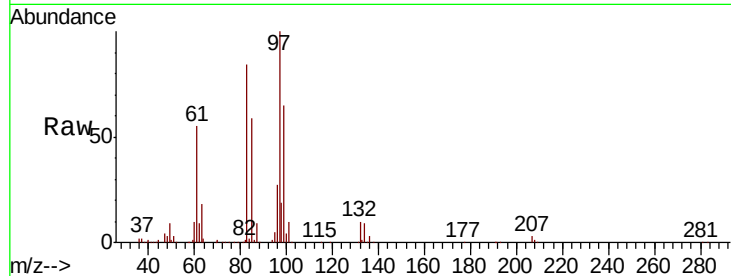
#55
 1,1,2-Trichloroethane
 Concen: 23.56 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005184.D
 Acq: 07 Sep 2018 02:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBSD02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		81825		
83	84.2	67.0	100.6		
85	58.9	42.3	63.5		
99	64.9	48.5	72.7		

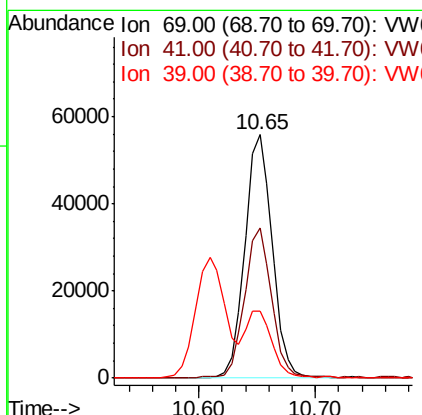
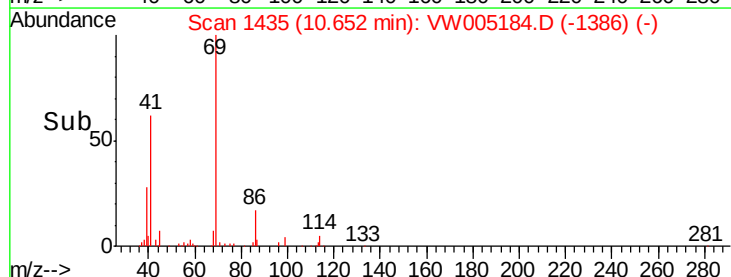
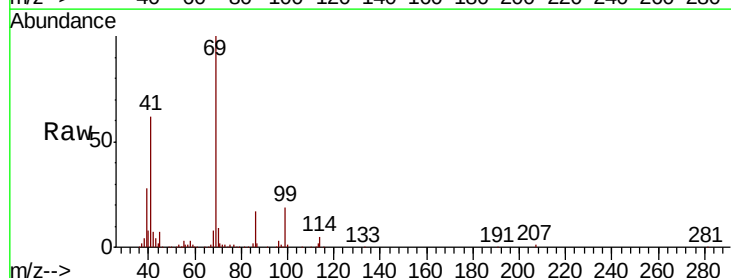
Manual Integrations
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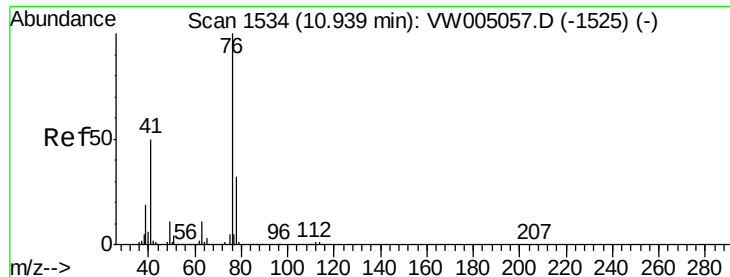
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#56
 Ethyl methacrylate
 Concen: 23.24 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW005184.D
 Acq: 07 Sep 2018 02:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		92073		
41	61.1	47.8	71.6		
39	26.0	21.1	31.7		





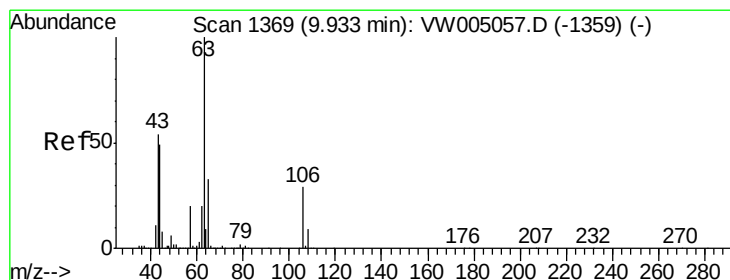
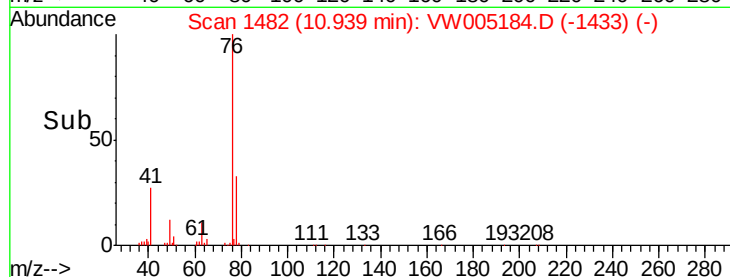
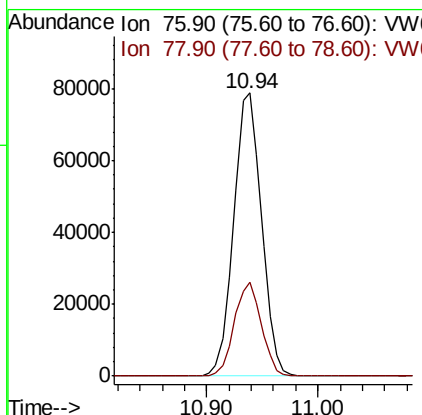
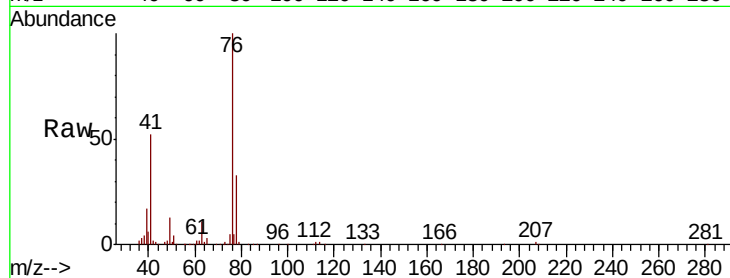
#57
 1,3-Dichloropropane
 Concen: 23.82 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: VW005184.D
 Acq: 07 Sep 2018 02:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBSD02

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	26.3	39.5

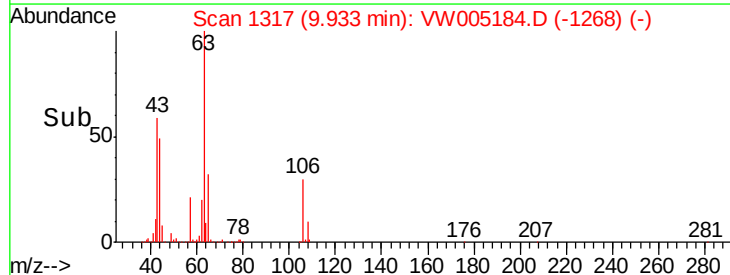
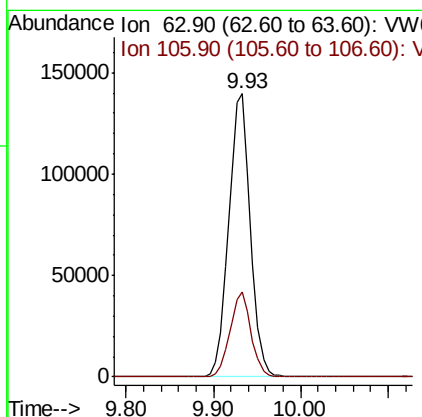
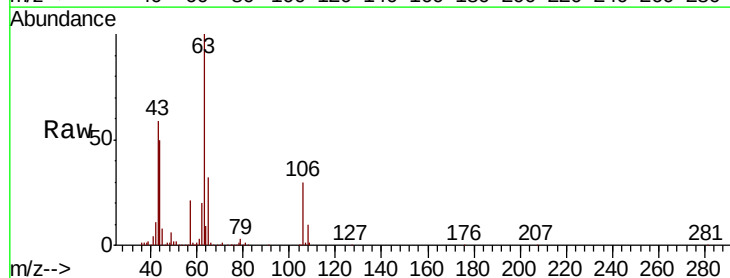
Manual Integrations
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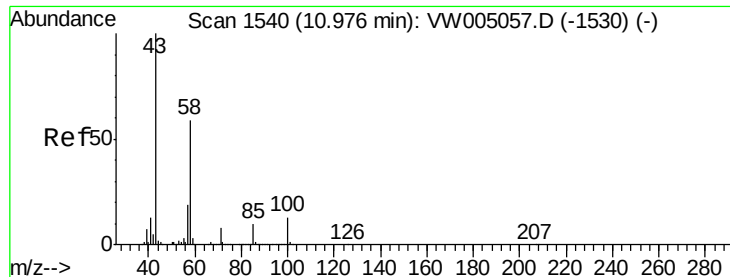
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#58
 2-Chloroethyl Vinyl ether
 Concen: 127.50 ug/l
 RT: 9.93 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VW005184.D
 Acq: 07 Sep 2018 02:05

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.1	23.1	34.7





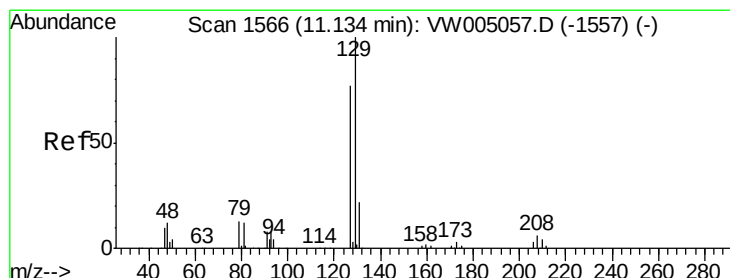
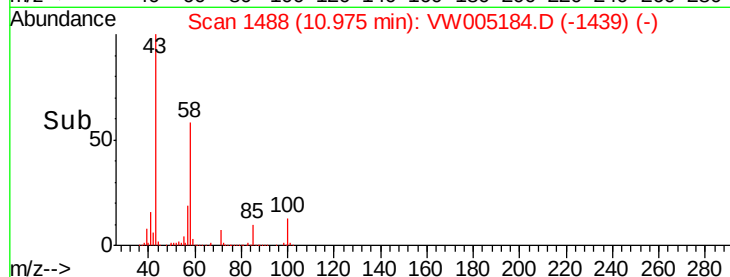
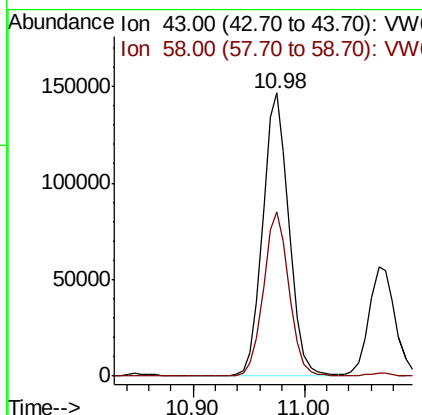
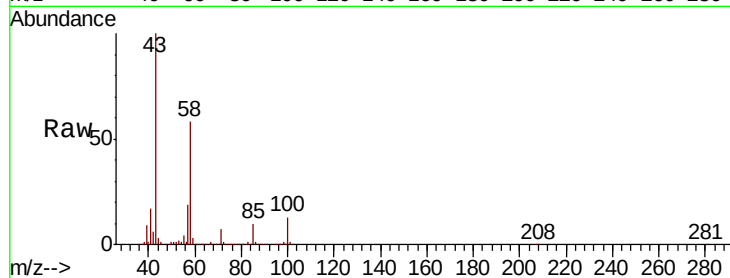
#59
2-Hexanone
Concen: 123.89 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005184.D
Acq: 07 Sep 2018 02:05

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBSD02

Tot Ion: 43 Resp: 239729
Ion Ratio Lower Upper
43 100
58 56.9 28.7 86.3

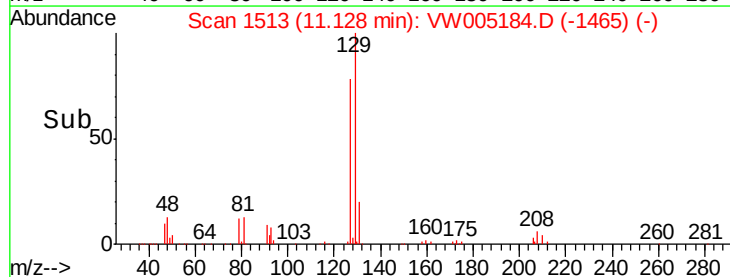
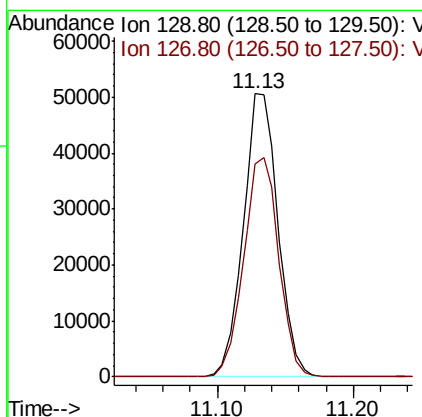
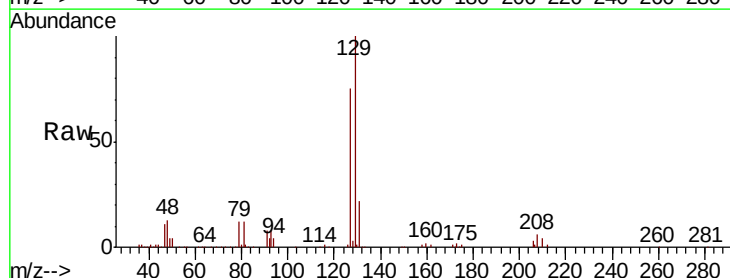
Manual Integrations
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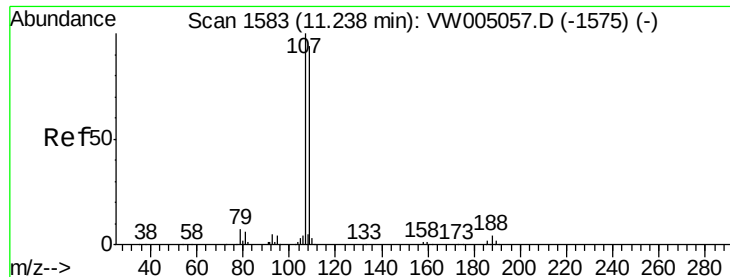
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9/7/2018 12:35:40 PM



#60
Dibromochloromethane
Concen: 22.94 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW005184.D
Acq: 07 Sep 2018 02:05

Tgt Ion: 129 Resp: 90084
Ion Ratio Lower Upper
129 100
127 78.4 38.9 116.7





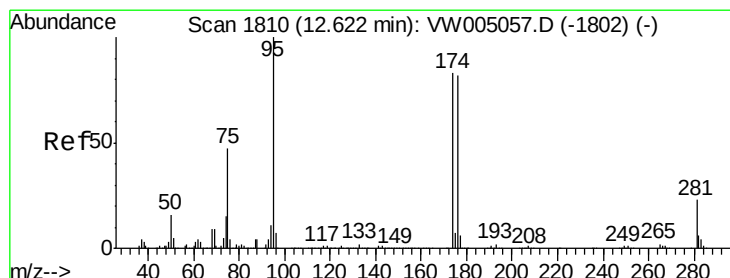
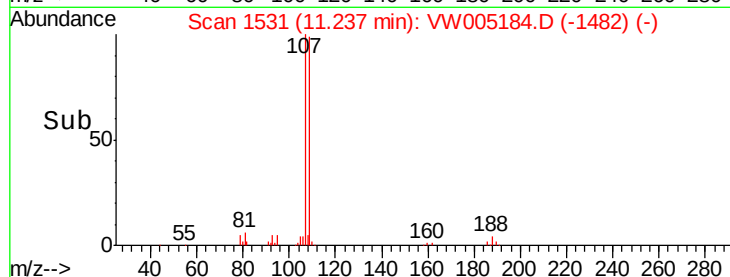
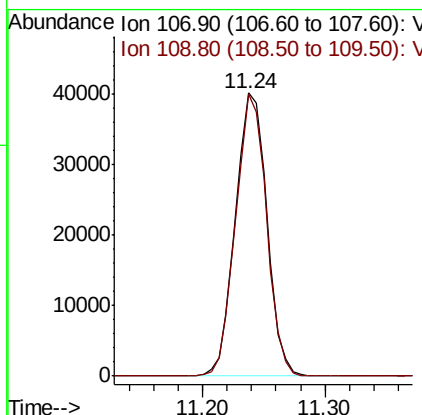
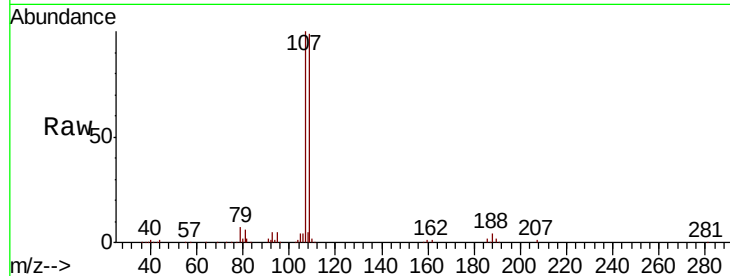
#61
 1,2-Dibromoethane
 Concen: 22.86 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW005184.D
 Acq: 07 Sep 2018 02:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBSD02

Tot Ion: 107 Resp: 71695
 Ion Ratio Lower Upper
 107 100
 109 97.2 75.9 113.9

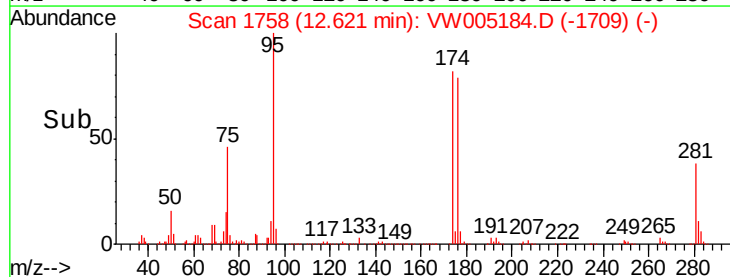
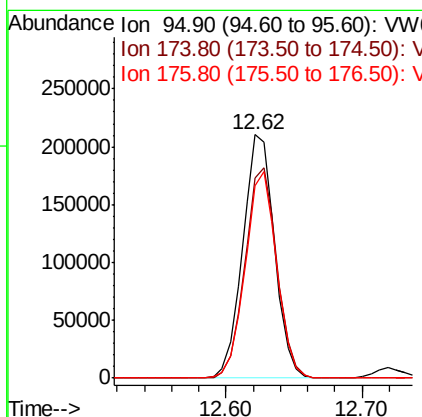
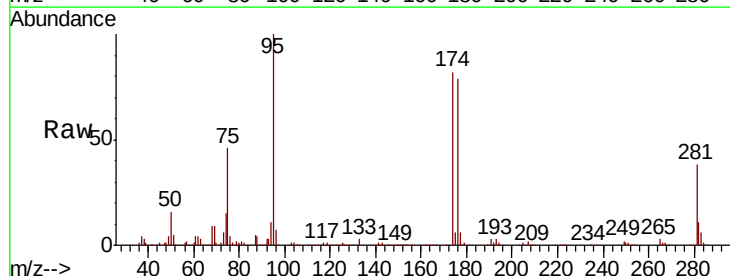
Manual Integrations
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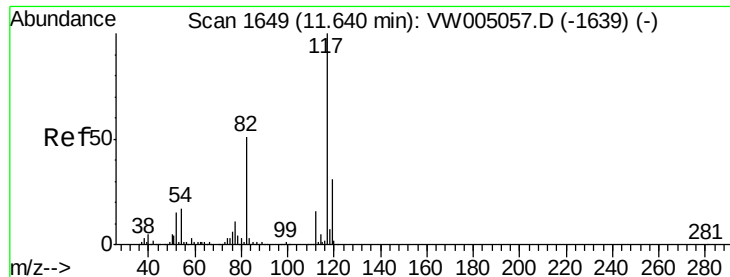
apatel
 9/7/2018 12:35:40 PM



#62
 4-Bromofluorobenzene
 Concen: 55.47 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW005184.D
 Acq: 07 Sep 2018 02:05

Tgt Ion: 95 Resp: 343013
 Ion Ratio Lower Upper
 95 100
 174 87.1 0.0 173.4
 176 84.2 0.0 167.4





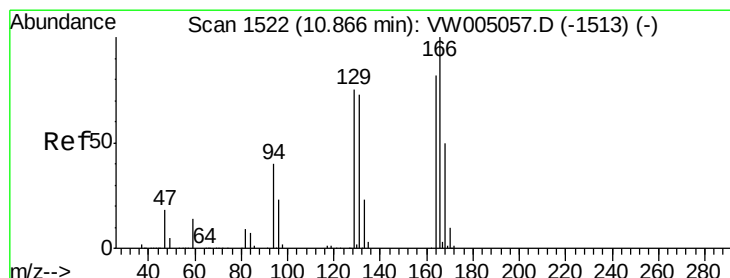
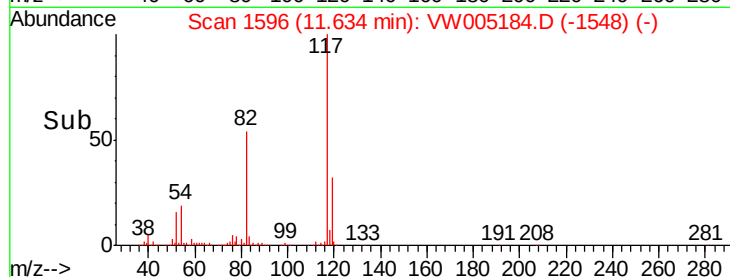
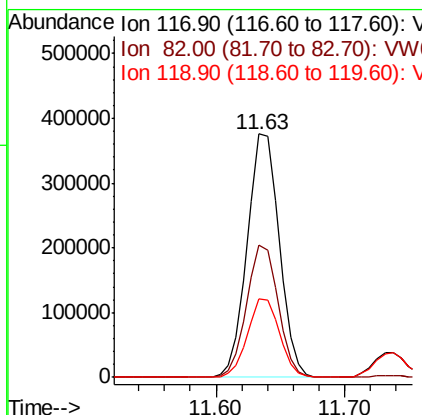
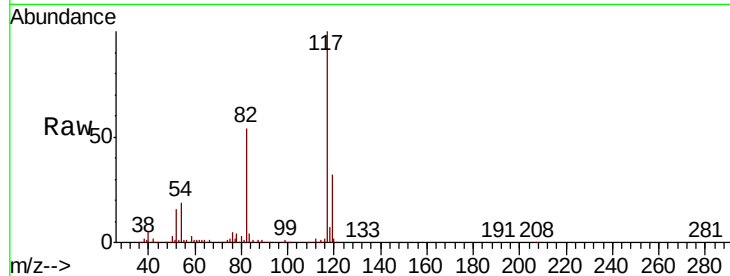
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.01 min
Lab File: VW005184.D
Acq: 07 Sep 2018 02:05

Instrument :
MSVOA_W
ClientSampled :
VW0906SBSD02

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.1	40.9	61.3
119	32.5	24.9	37.3

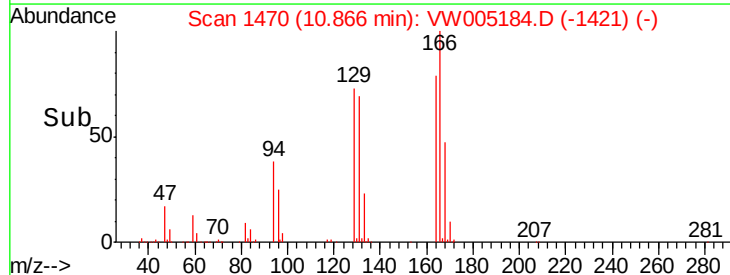
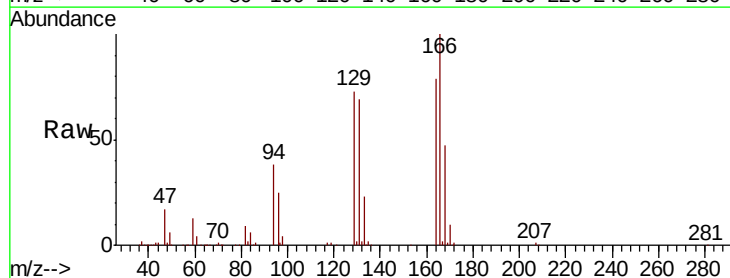
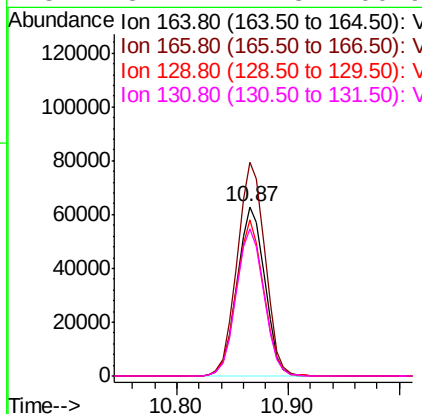
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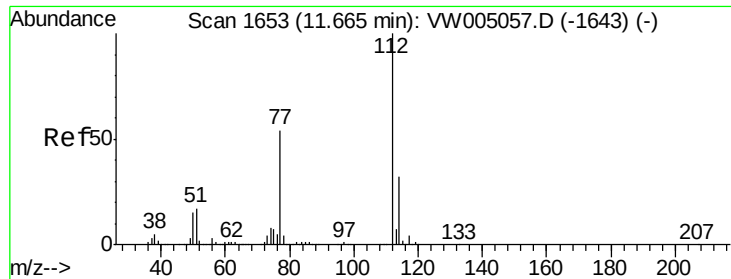
apatel
9/7/2018 12:35:40 PM



#64
Tetrachloroethene
Concen: 21.39 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005184.D
Acq: 07 Sep 2018 02:05

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.1	97.3	145.9
129	92.6	73.1	109.7
131	87.2	71.3	106.9





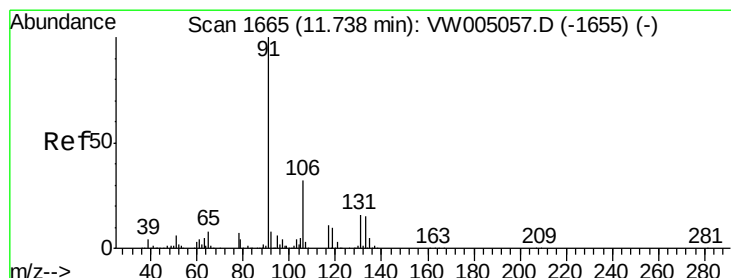
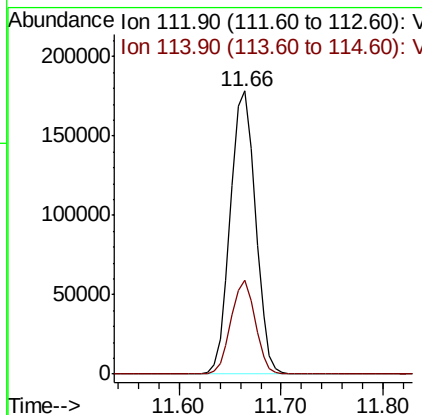
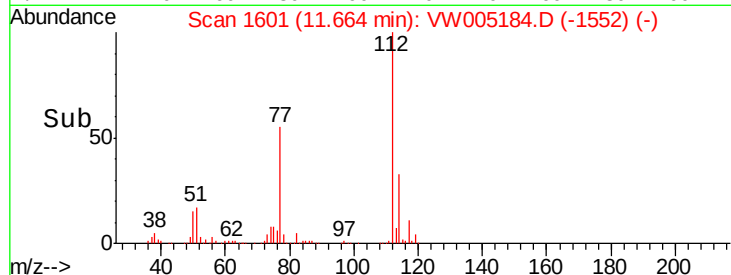
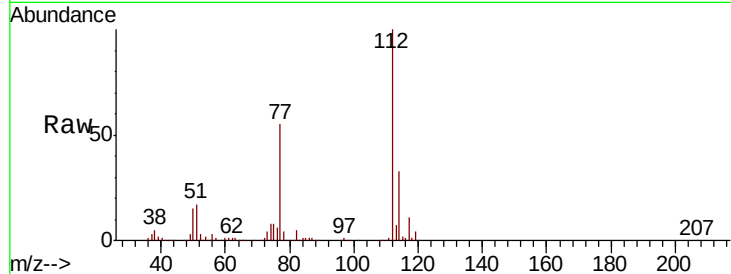
#65
Chlorobenzene
Concen: 20.92 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW005184.D
Acq: 07 Sep 2018 02:05

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBSD02

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.0	26.0	39.0

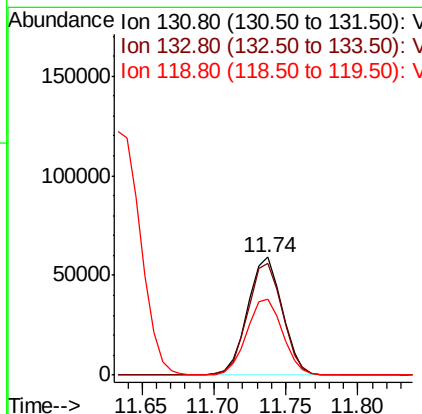
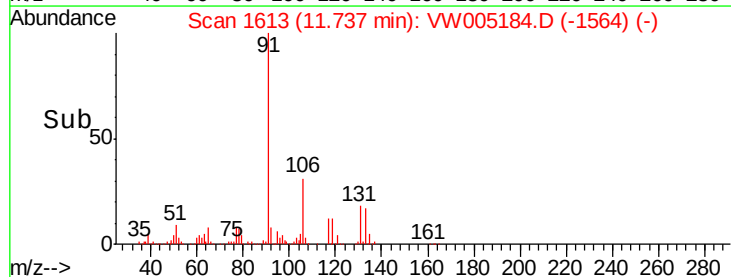
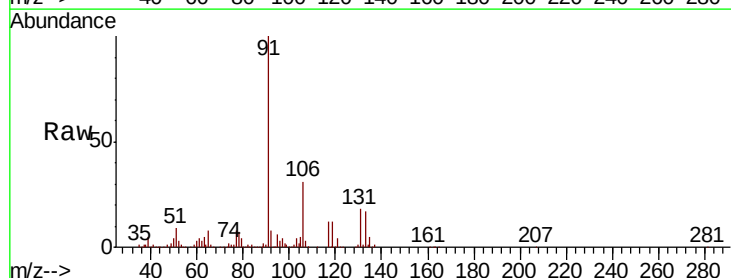
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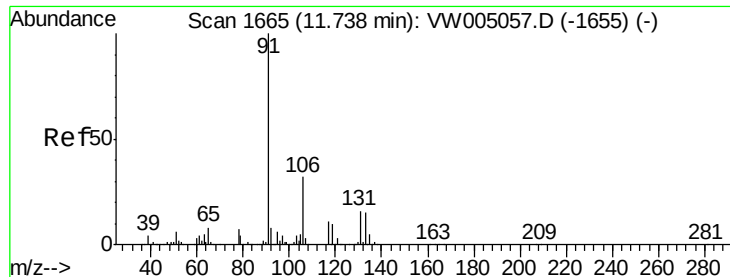
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 22.06 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005184.D
Acq: 07 Sep 2018 02:05

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.9	47.4	142.3
119	66.6	33.4	100.1





#67

Ethyl Benzene

Concen: 20.53 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. -0.00 min

Lab File: VW005184.D

Acq: 07 Sep 2018 02:05

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBS02

Tot Ion: 91 Resp: 504965

Ion Ratio Lower Upper

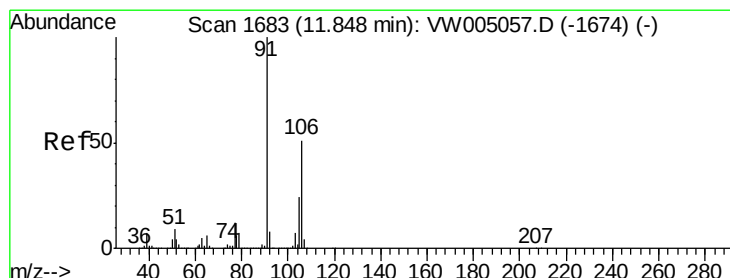
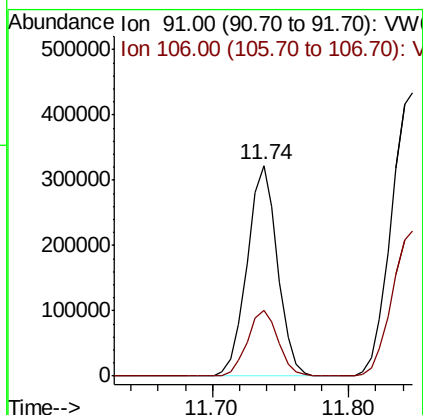
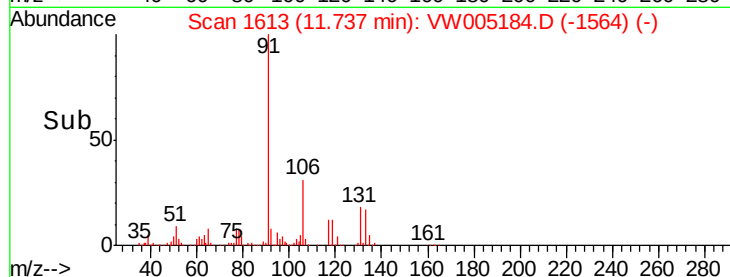
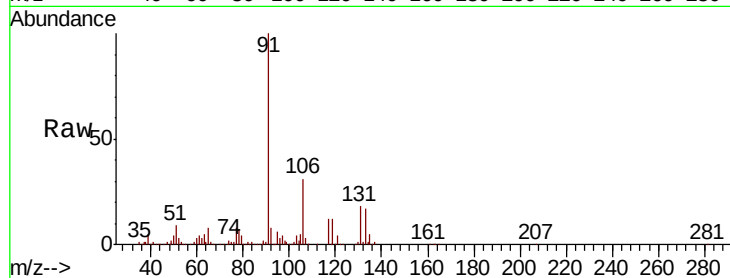
91 100

106 31.3 25.3 37.9

Manual Integrations
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#68

m/p-Xylenes

Concen: 41.75 ug/l

RT: 11.85 min Scan# 1631

Delta R.T. -0.00 min

Lab File: VW005184.D

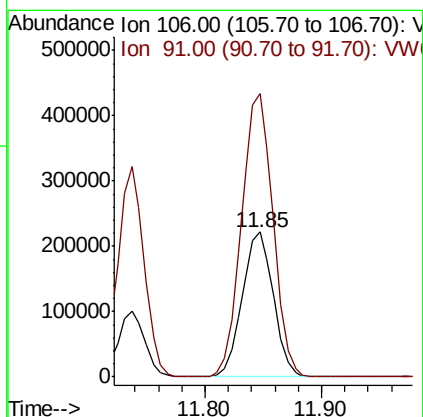
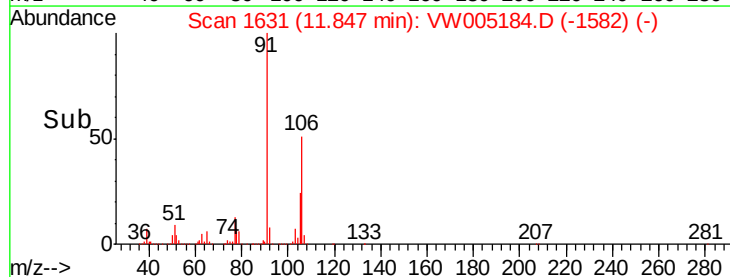
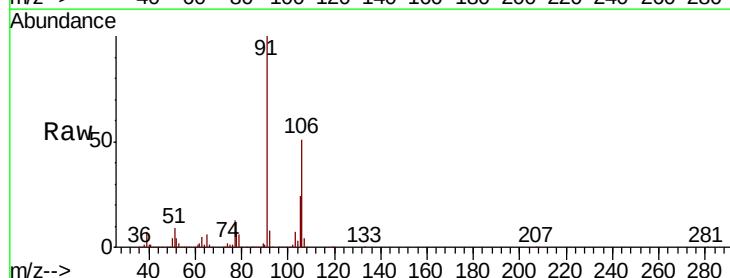
Acq: 07 Sep 2018 02:05

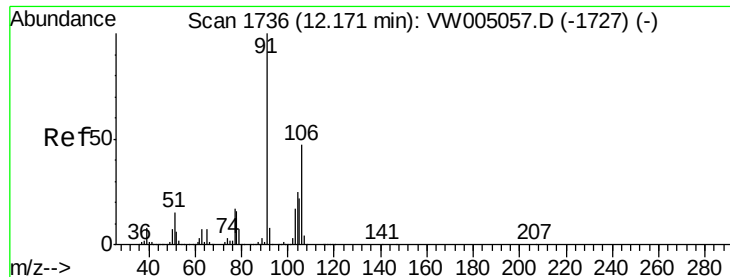
Tgt Ion: 106 Resp: 411253

Ion Ratio Lower Upper

106 100

91 198.2 158.4 237.6





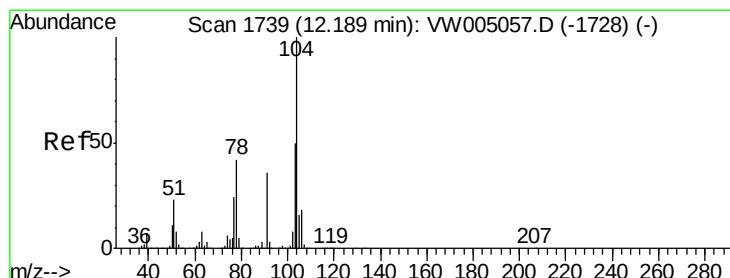
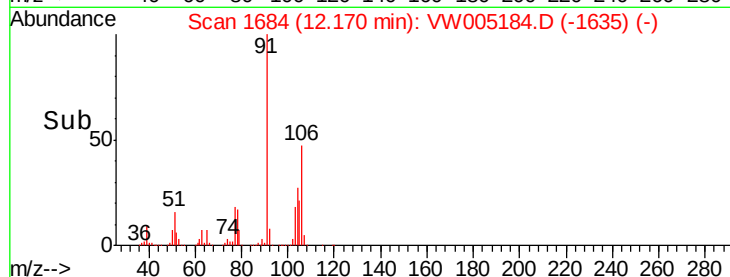
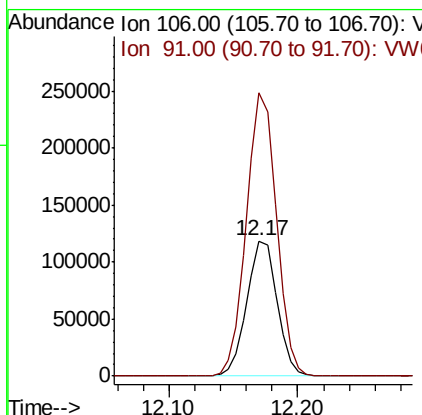
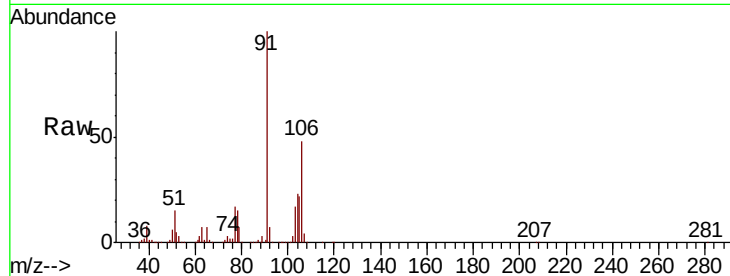
#69
o-Xylene
Concen: 21.12 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005184.D
Acq: 07 Sep 2018 02:05

Instrument :
MSVOA_W
ClientSampled :
VW0906SBSD02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		192319		
91	208.7	105.6	316.8		

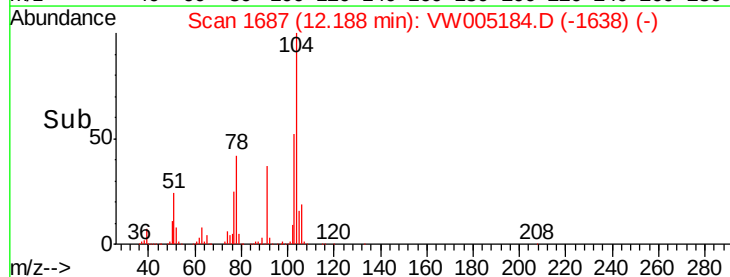
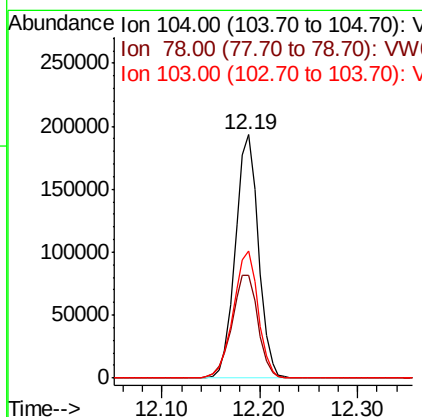
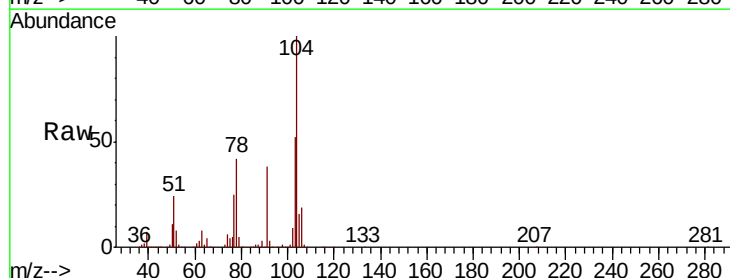
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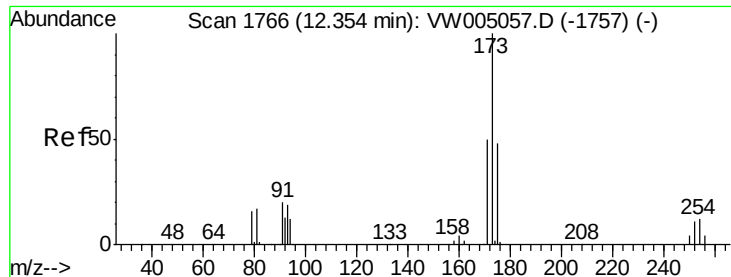
apatel
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#70
Styrene
Concen: 21.08 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005184.D
Acq: 07 Sep 2018 02:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		317062		
78	47.8	37.8	56.6		
103	55.9	44.1	66.1		





#71

Bromoform

Concen: 22.92 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW005184.D

Acq: 07 Sep 2018 02:05

Instrument :

MSVOA_W

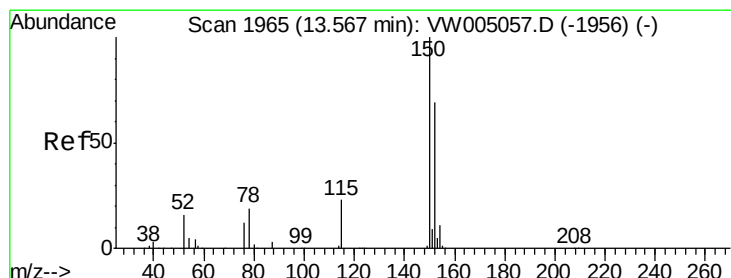
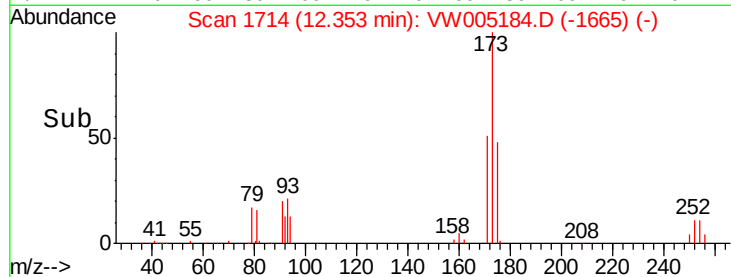
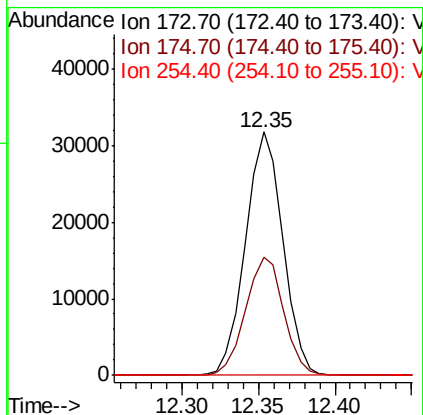
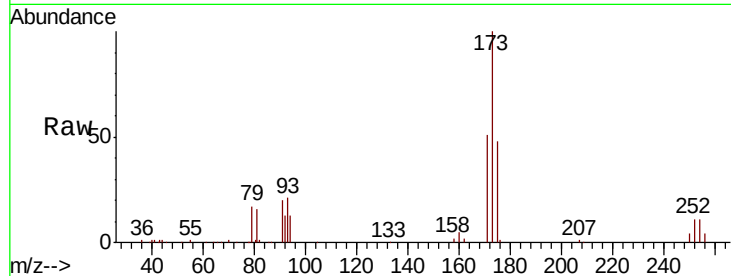
ClientSampleId :

VW0906SBSD02

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.1	72.2
254	0.0	0.2	0.2

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

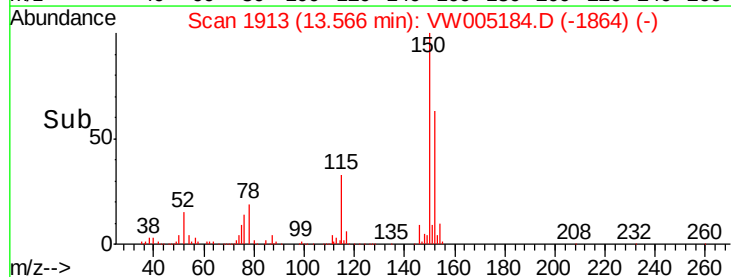
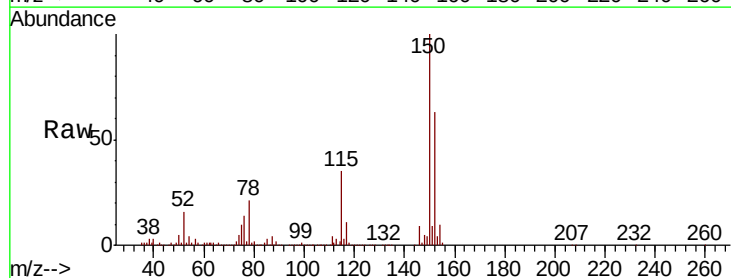
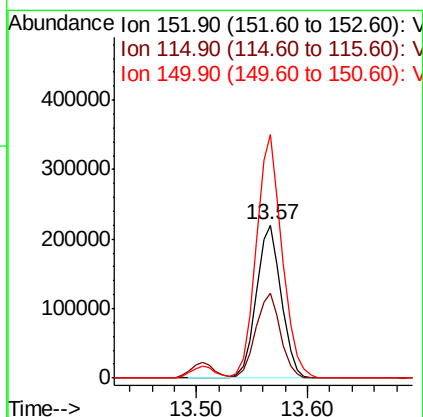
RT: 13.57 min Scan# 1913

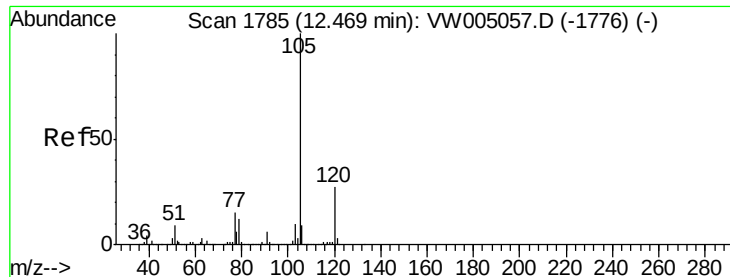
Delta R.T. -0.00 min

Lab File: VW005184.D

Acq: 07 Sep 2018 02:05

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.7	27.8	83.4
150	164.6	0.0	351.4





#73

Isopropylbenzene

Concen: 21.06 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005184.D

Acq: 07 Sep 2018 02:05

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBS02

Tot Ion: 105 Resp: 507360

Ion Ratio Lower Upper

105 100

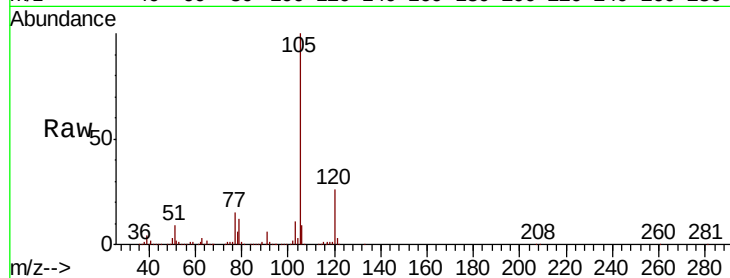
120 26.6 13.4 40.1

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.47

300000

200000

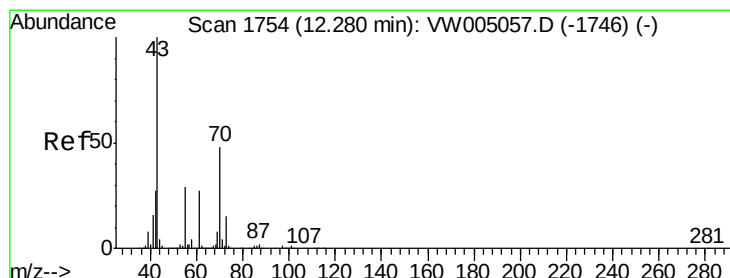
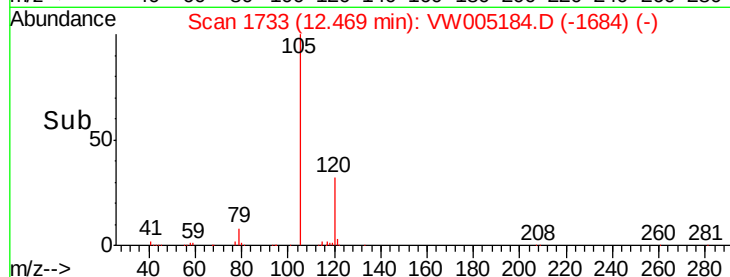
100000

0

Time-->

12.40

12.50



#74

N-ethyl acetate

Concen: 23.46 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005184.D

Acq: 07 Sep 2018 02:05

Tgt Ion: 43 Resp: 97292

Ion Ratio Lower Upper

43 100

70 46.4 38.2 57.4

55 29.2 23.2 34.8

61 25.5 20.6 31.0

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

100000

80000

60000

40000

20000

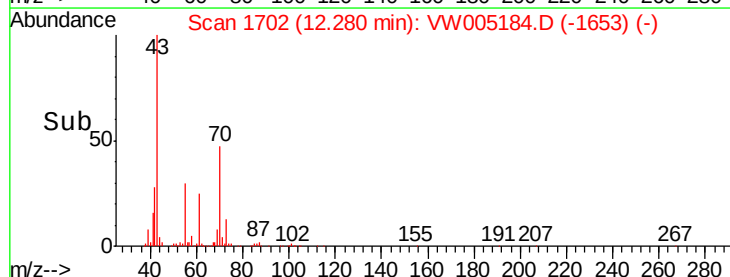
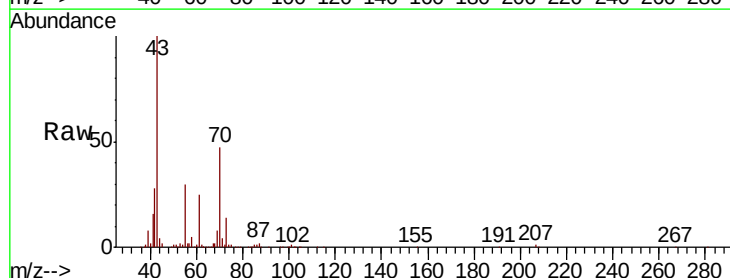
0

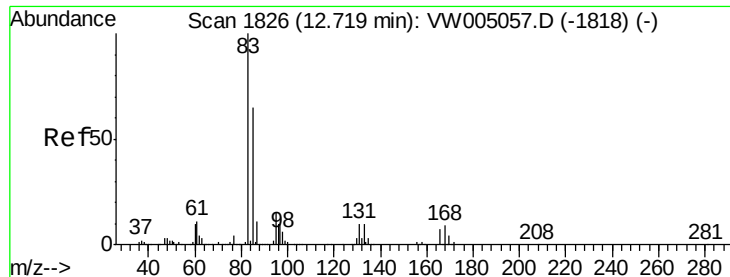
Time-->

12.20

12.30

12.40





#75

1,1,2,2-Tetrachloroethane

Concen: 24.39 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005184.D

Acq: 07 Sep 2018 02:05

Instrument :

MSVOA_W

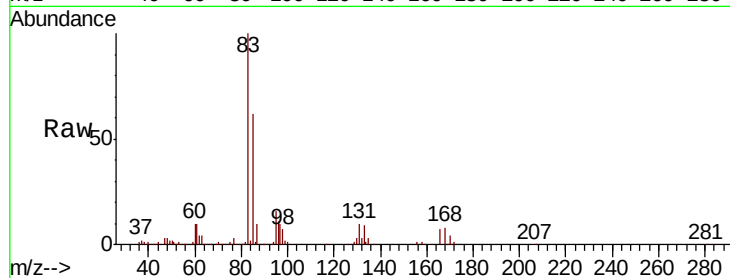
ClientSampleId :

VW0906SBSD02

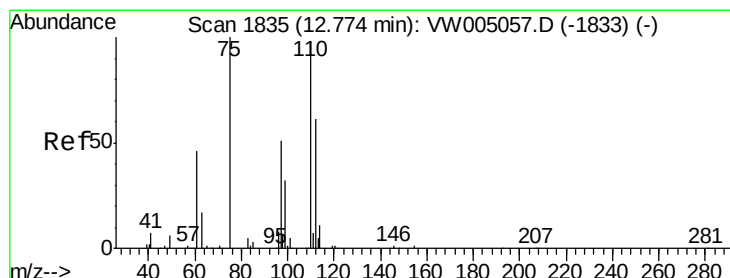
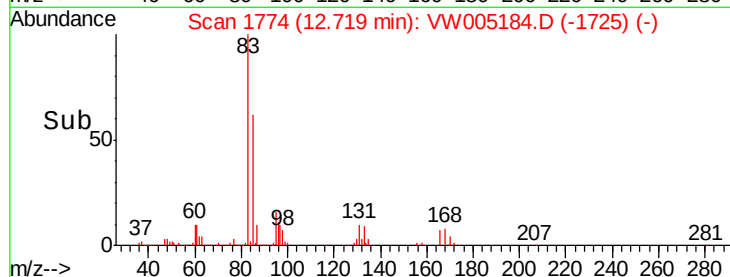
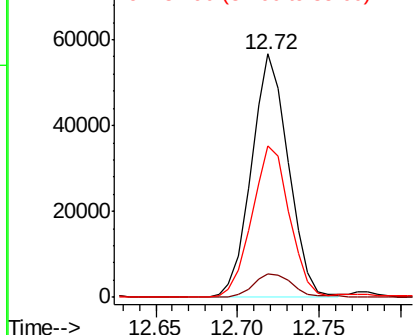
Tot Ion:	83	Resp:	89436
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.5	16.4
85	63.2	32.5	97.4

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Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 23.63 ug/l m

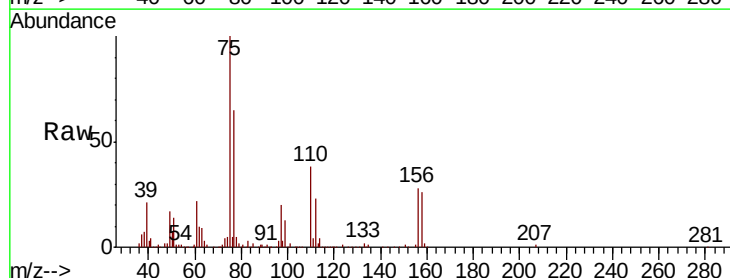
RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

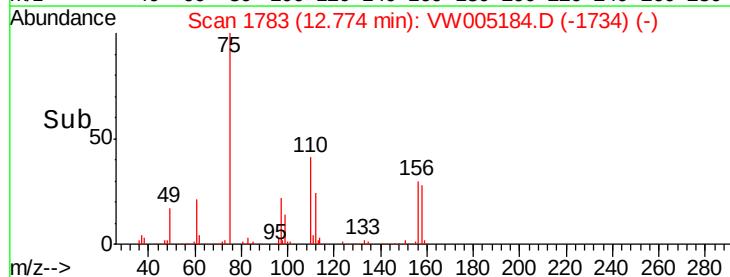
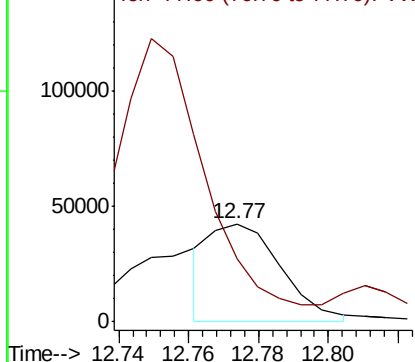
Lab File: VW005184.D

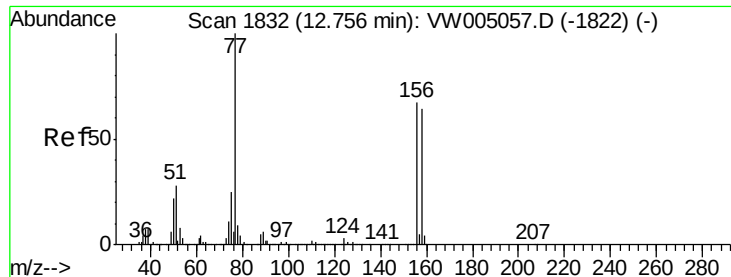
Acq: 07 Sep 2018 02:05

Tgt Ion:	75	Resp:	60577
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 21.64 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VW005184.D

Acq: 07 Sep 2018 02:05

Instrument :

MSVOA_W

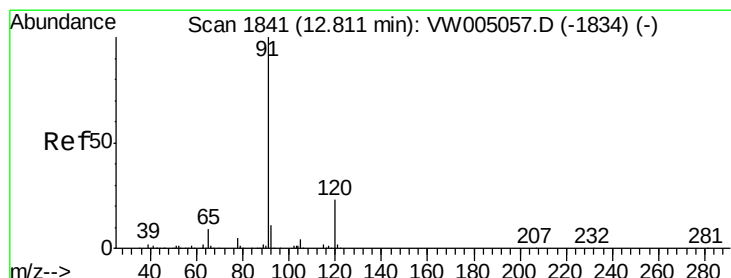
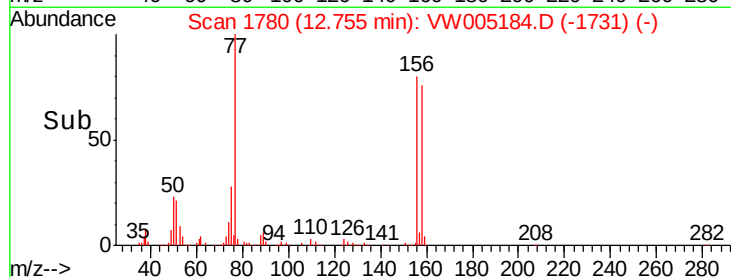
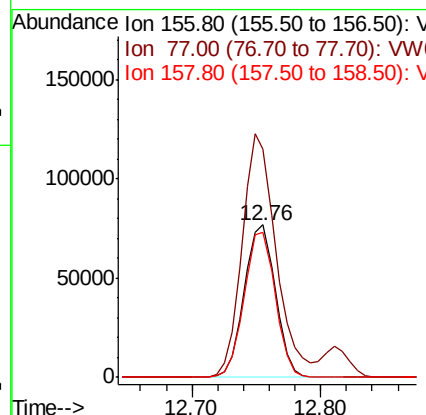
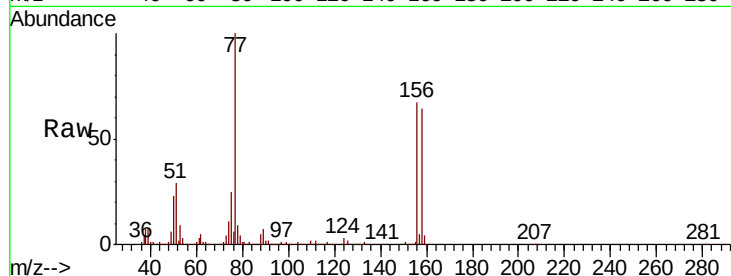
ClientSampleId :

VW0906SBSD02

Tot Ion:	156	Resp:	128431
Ion Ratio	Lower	Upper	
156	100		
77	174.1	85.8	257.4
158	95.1	48.1	144.4

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#78

n-propylbenzene

Concen: 21.21 ug/l

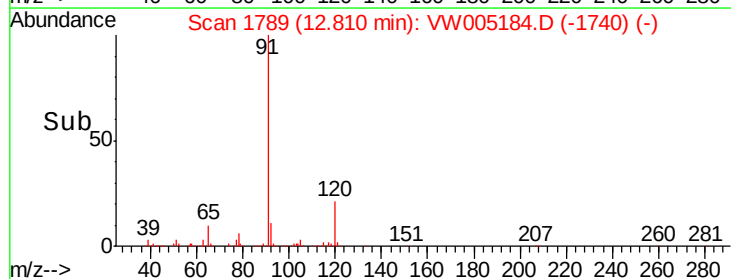
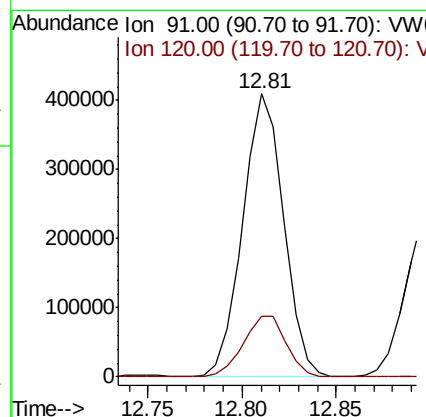
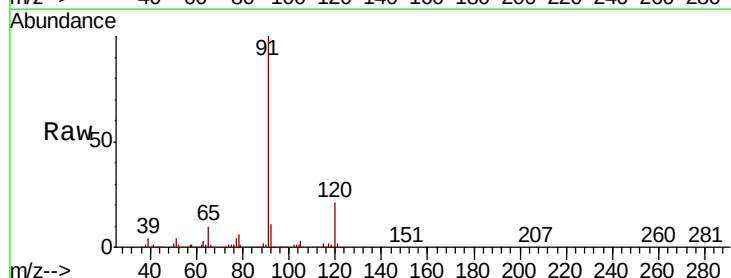
RT: 12.81 min Scan# 1789

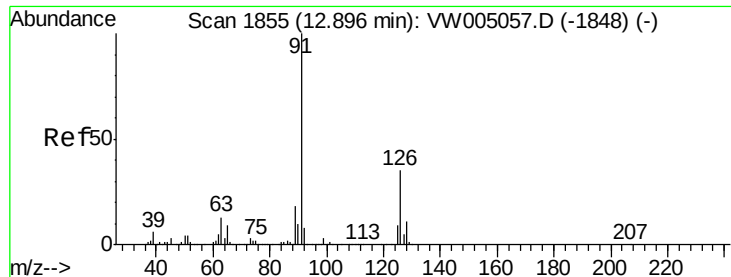
Delta R.T. -0.00 min

Lab File: VW005184.D

Acq: 07 Sep 2018 02:05

Tgt Ion:	91	Resp:	616707
Ion Ratio	Lower	Upper	
91	100		
120	22.5	11.8	35.3





#79

2-Chlorotoluene

Concen: 20.90 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW005184.D

Acq: 07 Sep 2018 02:05

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBSD02

Tot Ion: 91 Resp: 354554

Ion Ratio Lower Upper

91 100

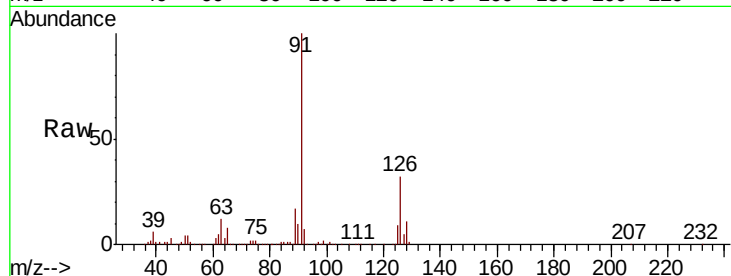
126 34.1 17.3 52.0

Manual Integrations

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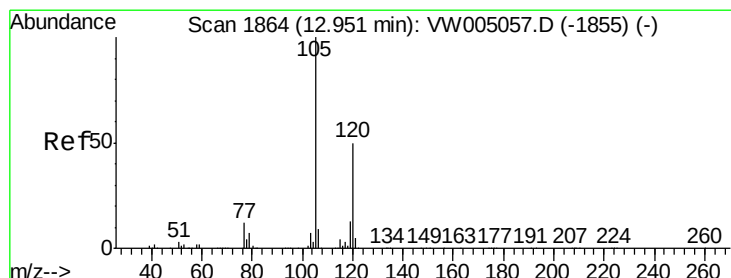
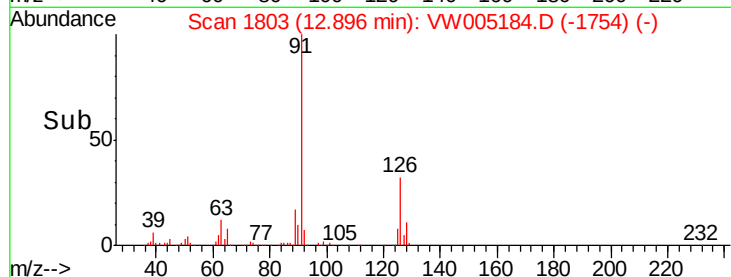
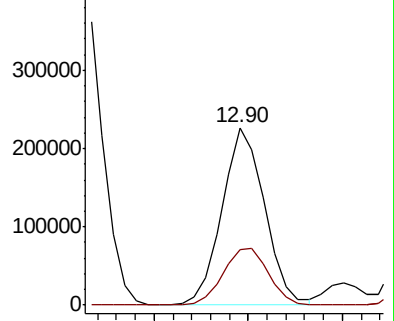
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.84 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005184.D

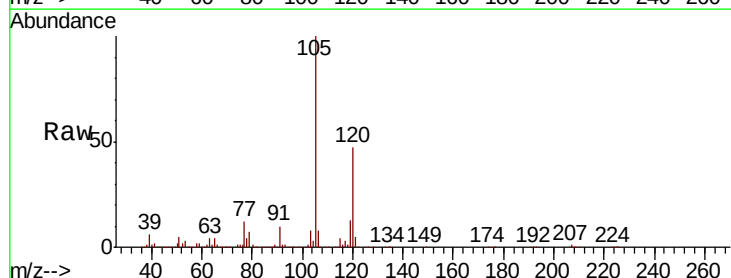
Acq: 07 Sep 2018 02:05

Tgt Ion:105 Resp: 434154

Ion Ratio Lower Upper

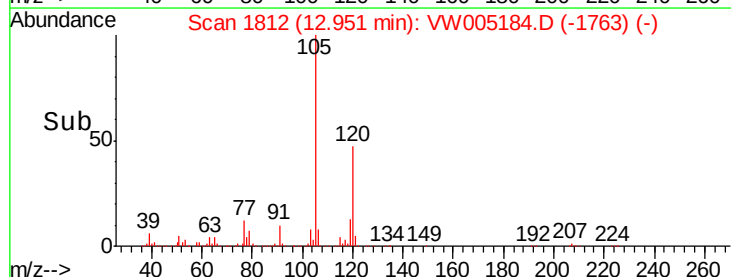
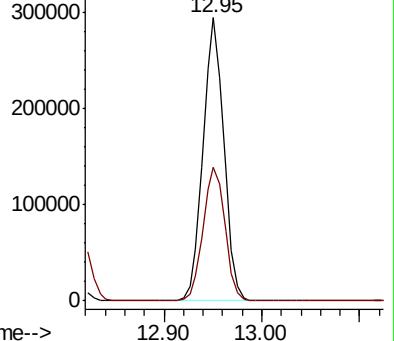
105 100

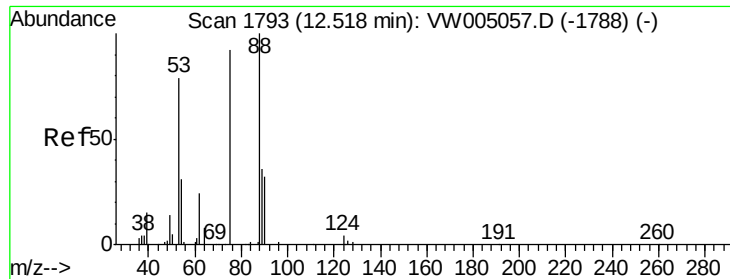
120 49.4 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





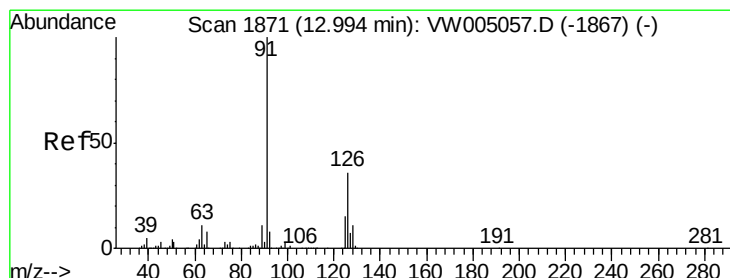
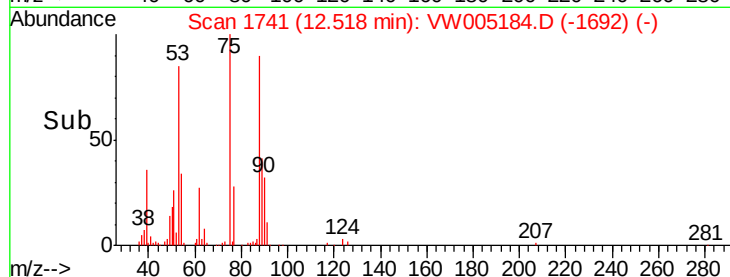
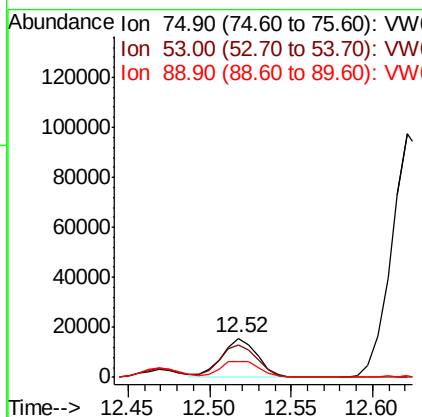
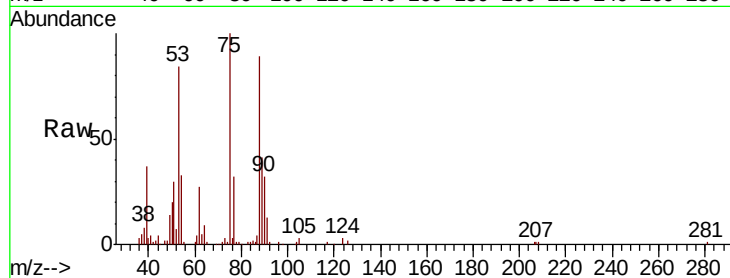
#81
trans-1,4-Dichloro-2-butene
Concen: 22.36 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW005184.D
Acq: 07 Sep 2018 02:05

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBSD02

Tot Ion	Ratio	Lower	Upper
75	100		
53	89.3	69.8	104.8
89	46.2	36.0	54.0

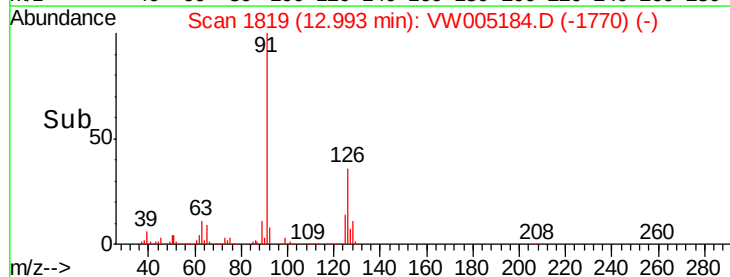
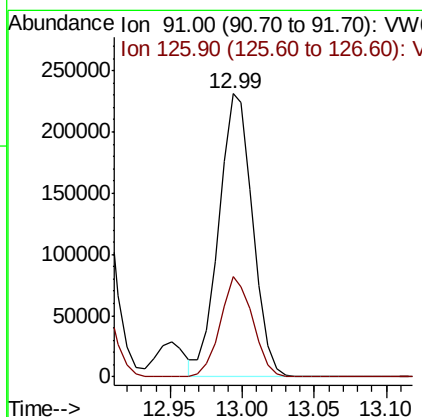
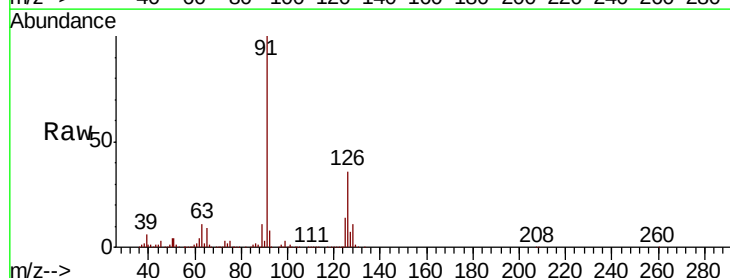
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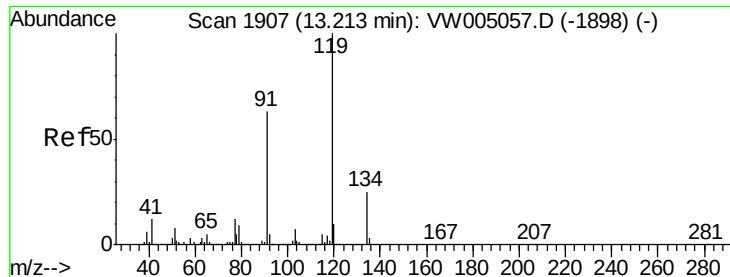
apatel
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#82
4-Chlorotoluene
Concen: 21.19 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW005184.D
Acq: 07 Sep 2018 02:05

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.2	17.4	52.3





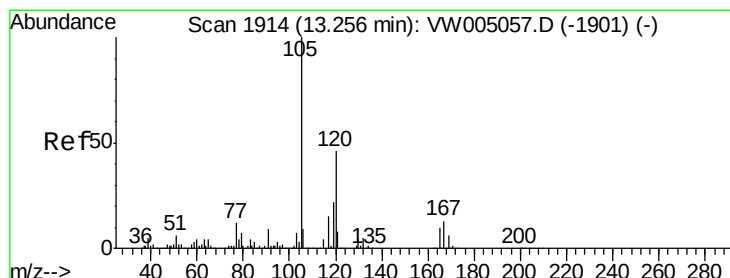
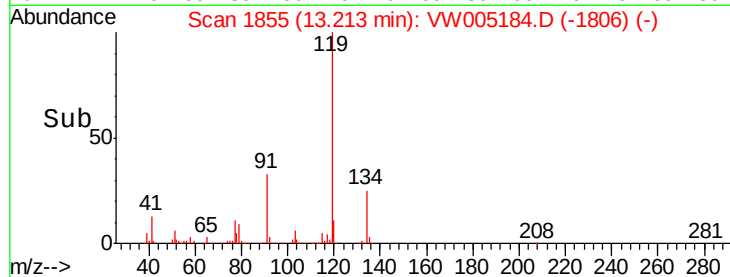
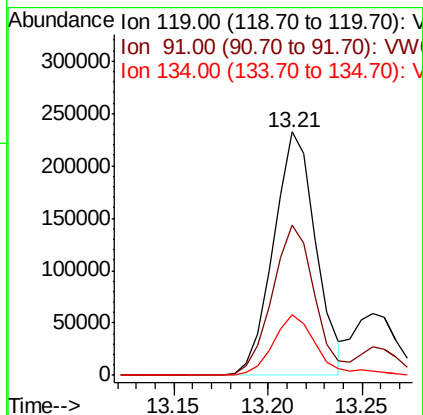
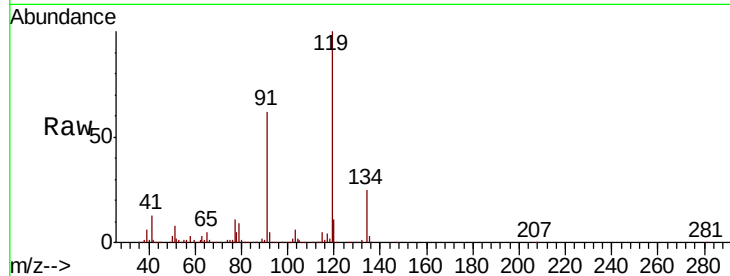
#83
 tert-Butylbenzene
 Concen: 20.84 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW005184.D
 Acq: 07 Sep 2018 02:05

Instrument :
 MSVOA_W
 ClientSampled :
 VW0906SBS02

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.4	31.8	95.4
134	25.9	13.0	39.0

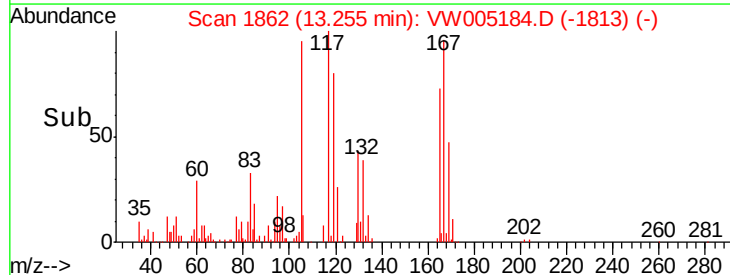
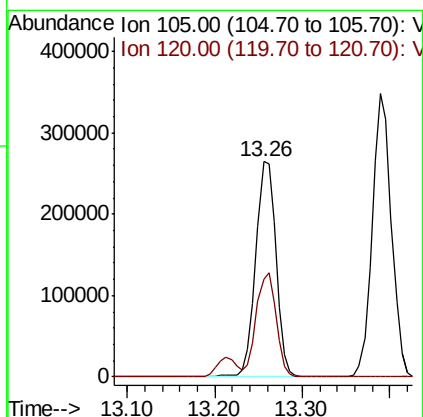
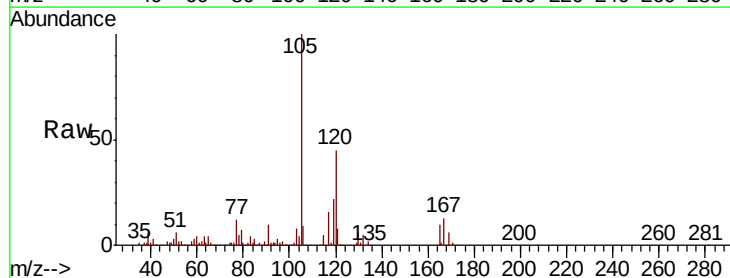
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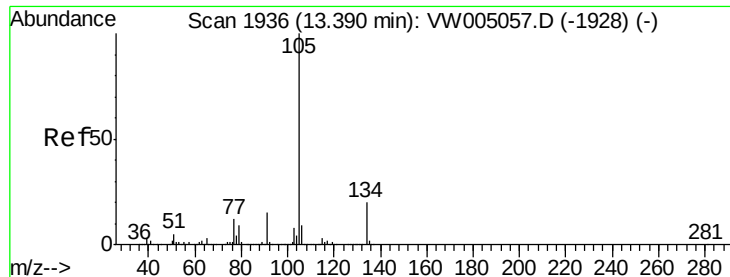
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.17 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW005184.D
 Acq: 07 Sep 2018 02:05

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.3	23.1	69.3





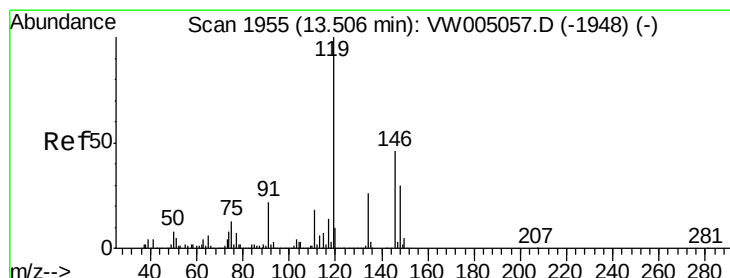
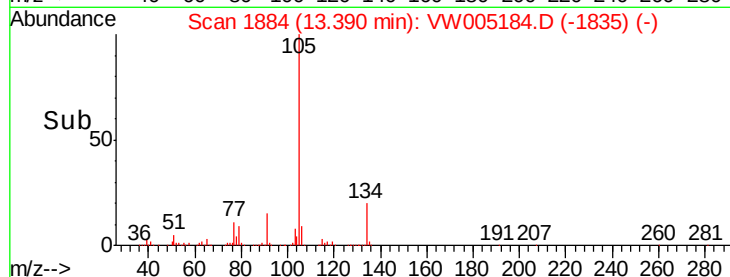
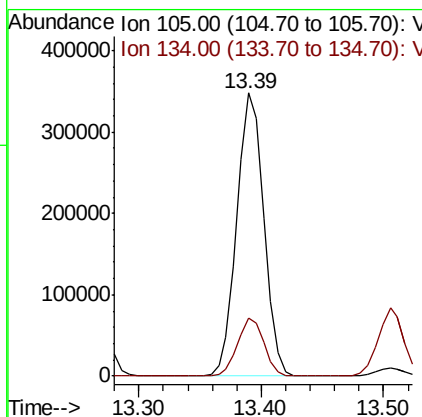
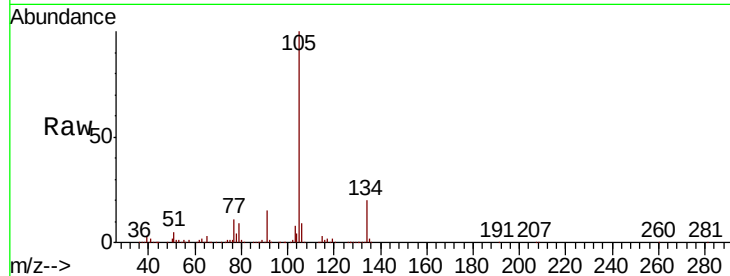
#85
 sec-Butylbenzene
 Concen: 20.75 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW005184.D
 Acq: 07 Sep 2018 02:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBS02

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.1	10.1	30.3

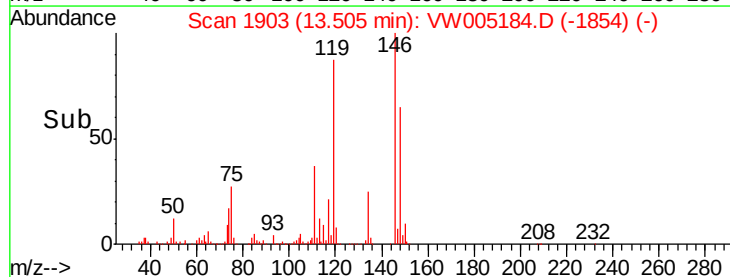
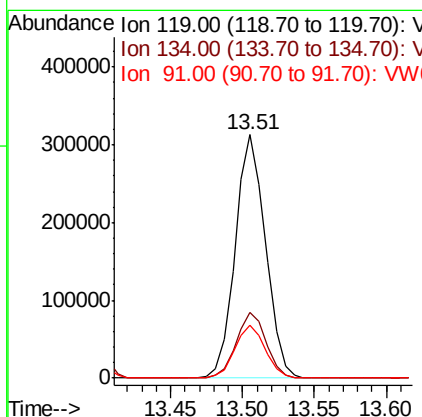
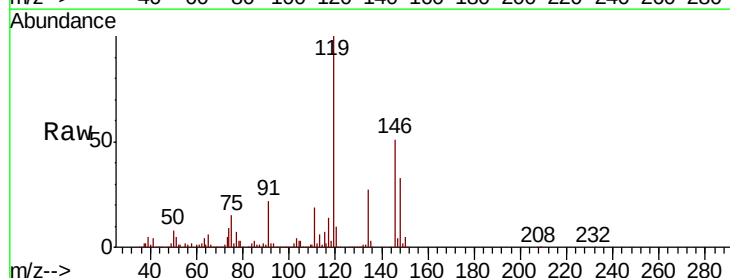
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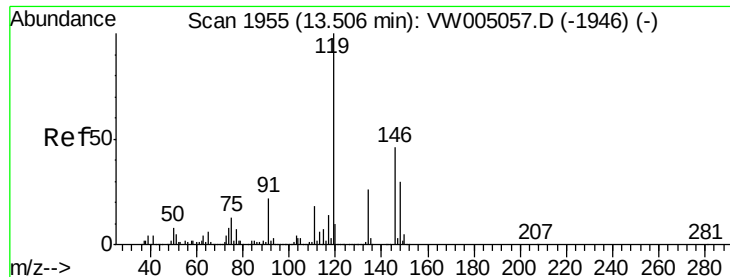
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#86
 p-Isopropyltoluene
 Concen: 20.15 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005184.D
 Acq: 07 Sep 2018 02:05

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.8	13.3	39.8
91	21.7	10.9	32.9





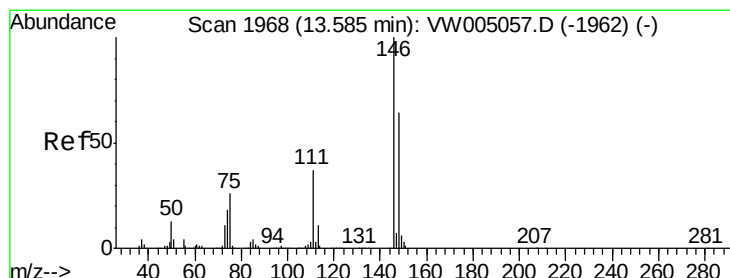
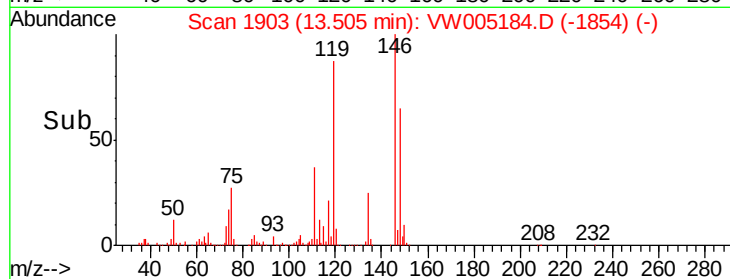
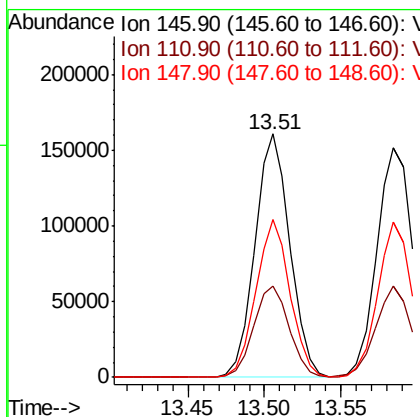
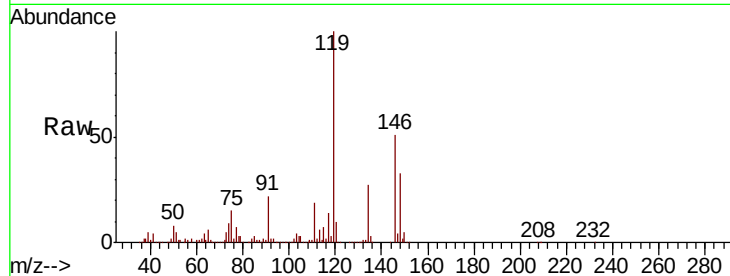
#87
 1,3-Dichlorobenzene
 Concen: 20.87 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005184.D
 Acq: 07 Sep 2018 02:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.2	57.6
148	63.7	31.9	95.7

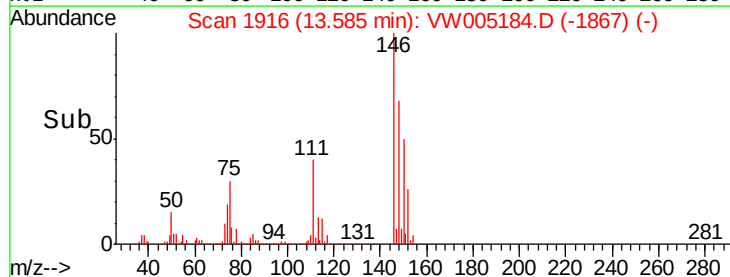
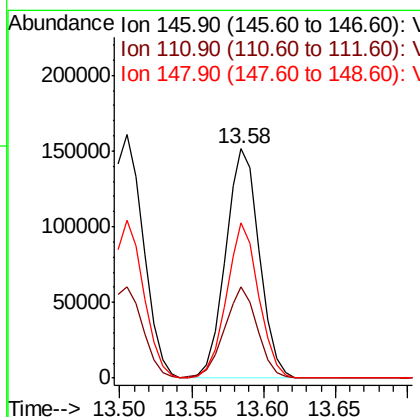
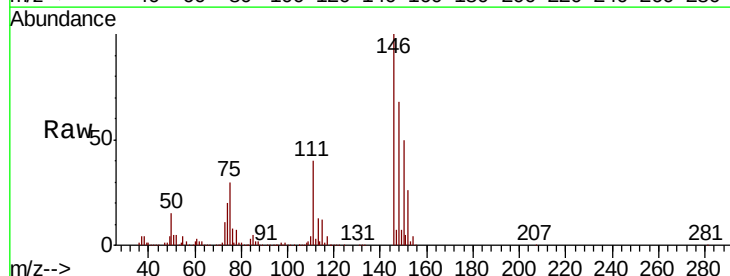
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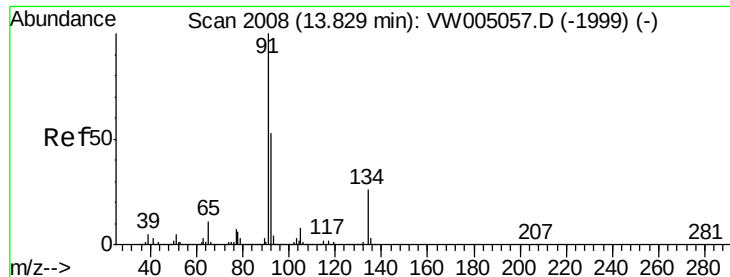
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#88
 1,4-Dichlorobenzene
 Concen: 20.41 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW005184.D
 Acq: 07 Sep 2018 02:05

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	18.6	56.0
148	64.9	32.0	96.0





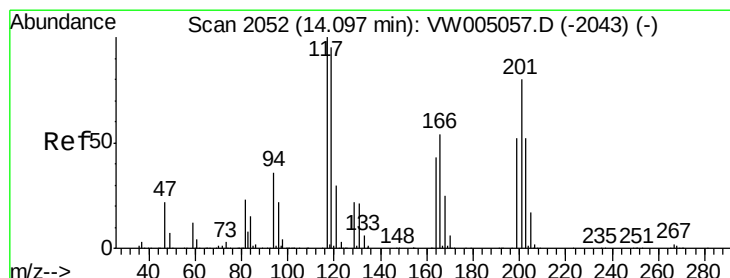
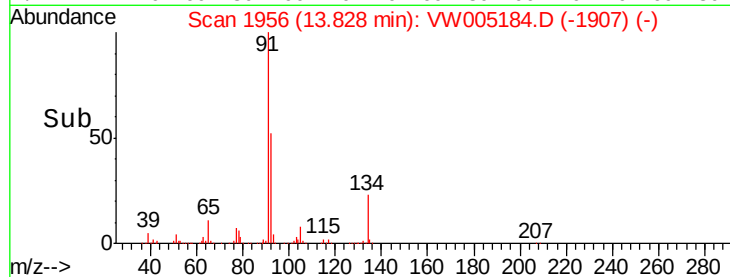
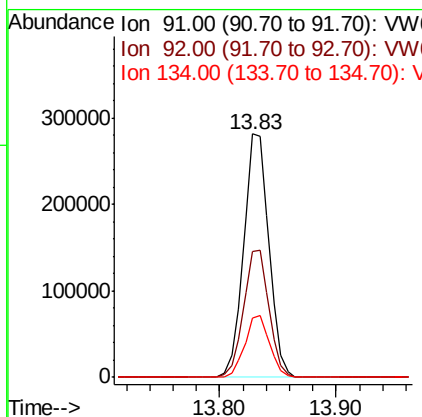
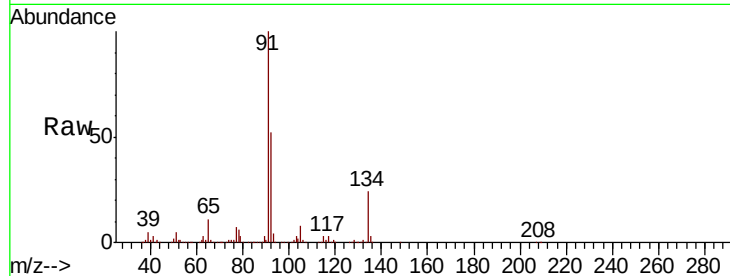
#89
n-Butylbenzene
Concen: 20.27 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW005184.D
Acq: 07 Sep 2018 02:05

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.5	79.5
134	25.1	13.5	40.4

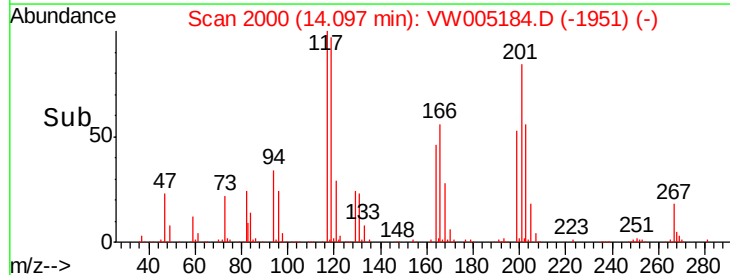
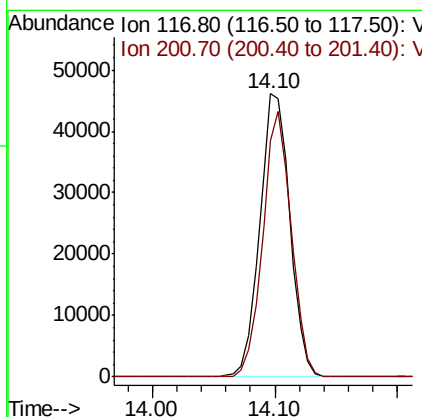
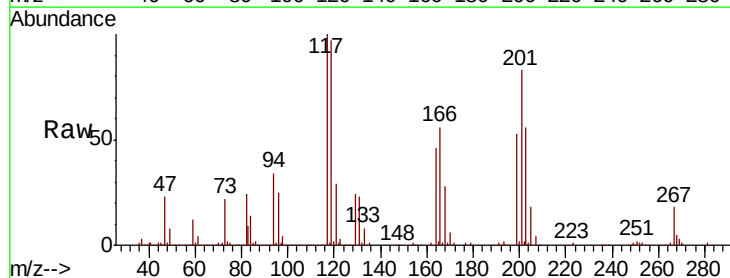
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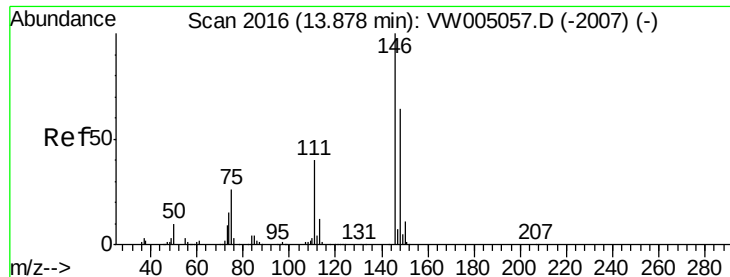
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#90
Hexachloroethane
Concen: 21.06 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW005184.D
Acq: 07 Sep 2018 02:05

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.3	44.6	133.8





#91

1,2-Dichlorobenzene

Concen: 21.84 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. -0.00 min

Lab File: VW005184.D

Acq: 07 Sep 2018 02:05

Instrument :

MSVOA_W

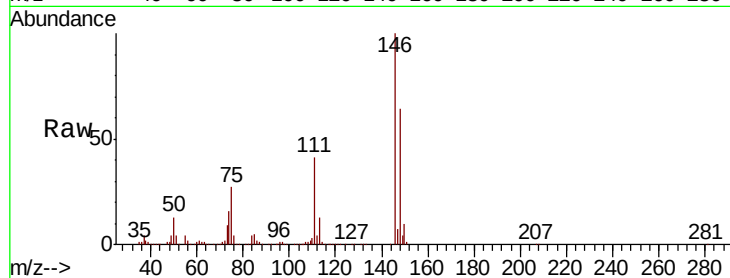
ClientSampleId :

VW0906SBSD02

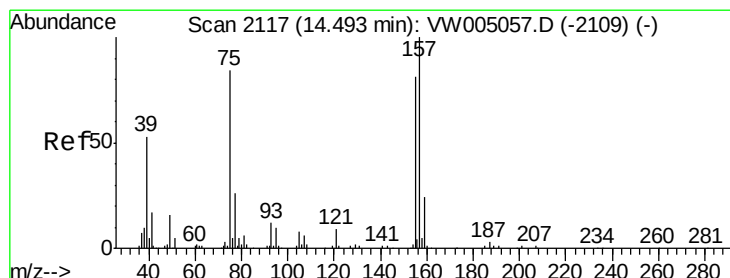
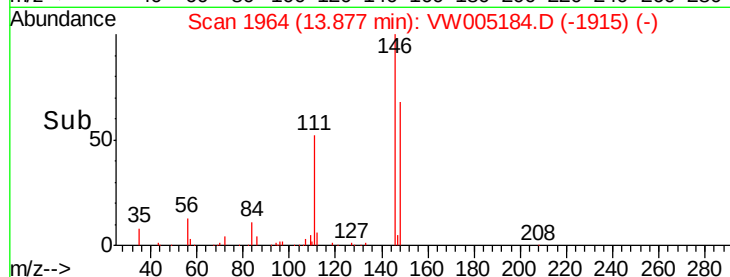
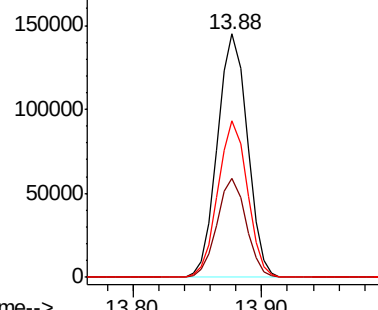
Tot Ion:	146	Resp:	232085
Ion Ratio		Lower	Upper
146	100		
111	39.5	19.9	59.7
148	63.3	31.9	95.9

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Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 24.09 ug/l

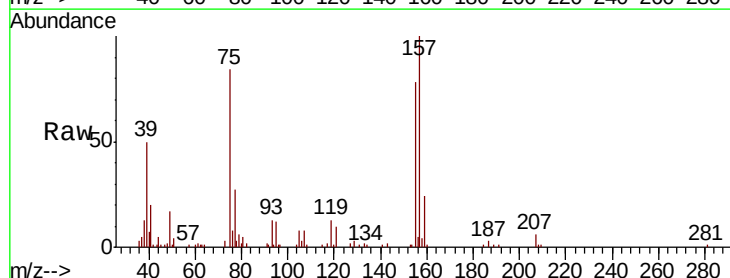
RT: 14.49 min Scan# 2065

Delta R.T. -0.00 min

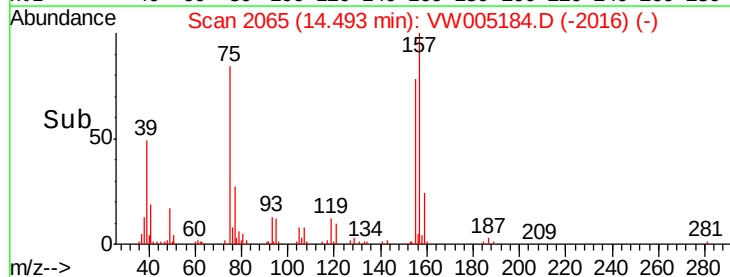
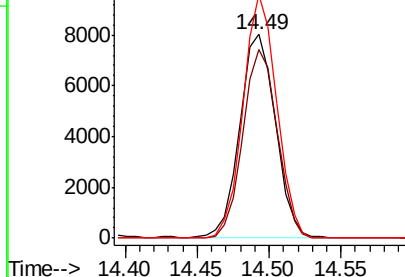
Lab File: VW005184.D

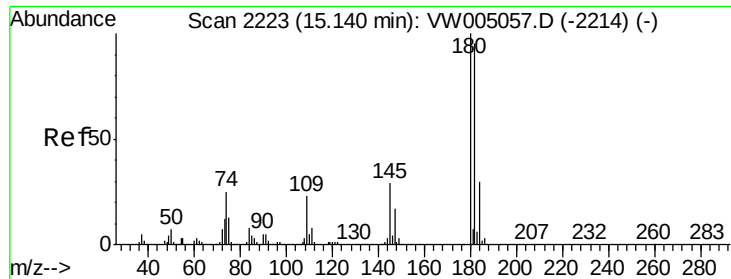
Acq: 07 Sep 2018 02:05

Tgt Ion:	75	Resp:	13805
Ion Ratio		Lower	Upper
75	100		
155	88.8	46.0	137.8
157	111.3	58.6	175.7



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V





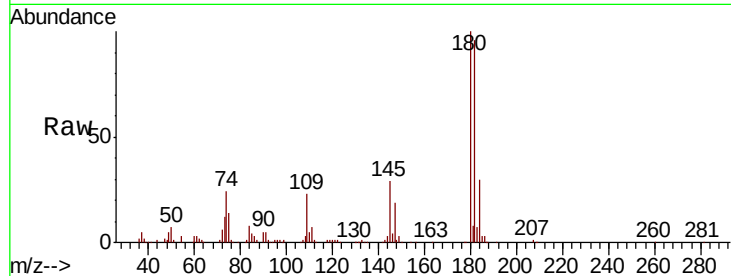
#93
 1,2,4-Trichlorobenzene
 Concen: 20.64 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW005184.D
 Acq: 07 Sep 2018 02:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	147062		
182	95.9	47.5	142.6	
145	28.7	14.4	43.2	

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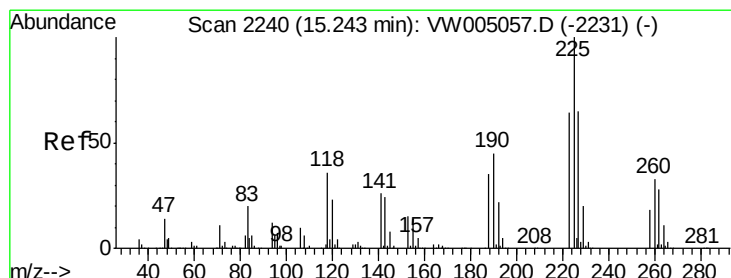
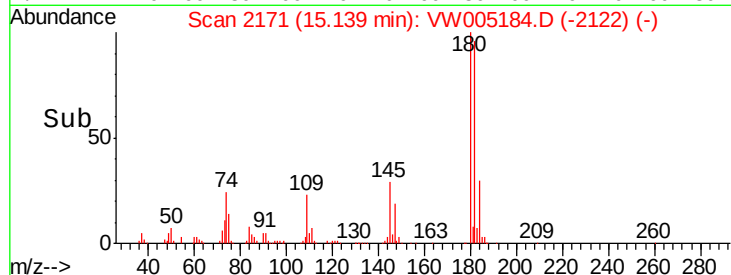
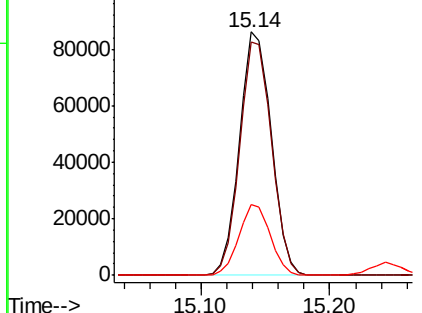


Abundance

Ion 179.80 (179.50 to 180.50): V

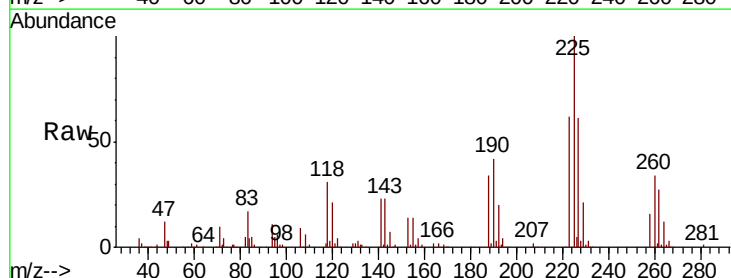
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 21.00 ug/l
 RT: 15.25 min Scan# 2189
 Delta R.T. 0.01 min
 Lab File: VW005184.D
 Acq: 07 Sep 2018 02:05

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	93045		
223	62.7	31.4	94.3	
227	63.8	32.0	96.0	

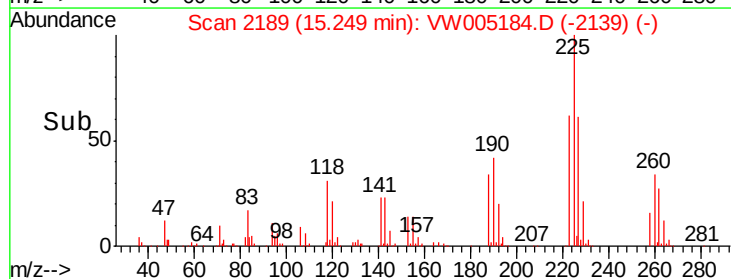
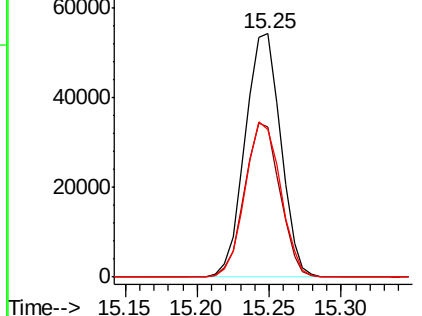


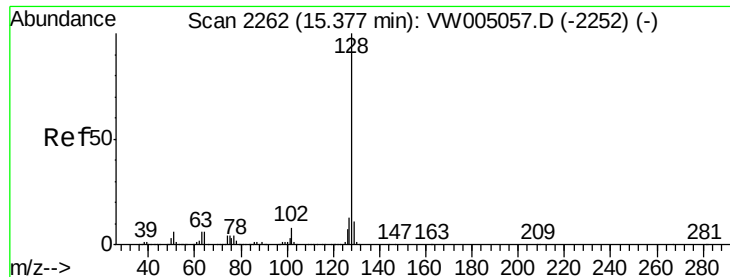
Abundance

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: 22.45 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VW005184.D

Acq: 07 Sep 2018 02:05

Instrument :

MSVOA_W

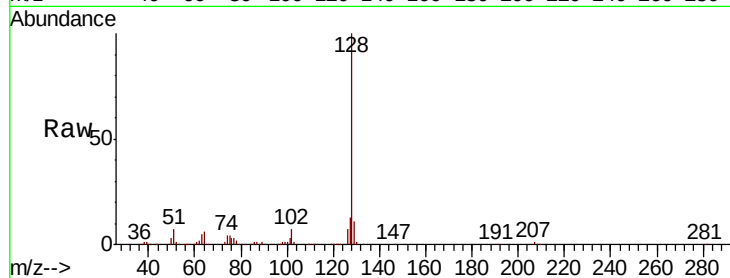
ClientSampleId :

VW0906SBSD02

Tot Ion:	128	Resp:	247123
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.4	15.6
129	11.0	8.7	13.1

Manual Integrations
APPROVED

apatel
9/7/2018 12:35:40 PM

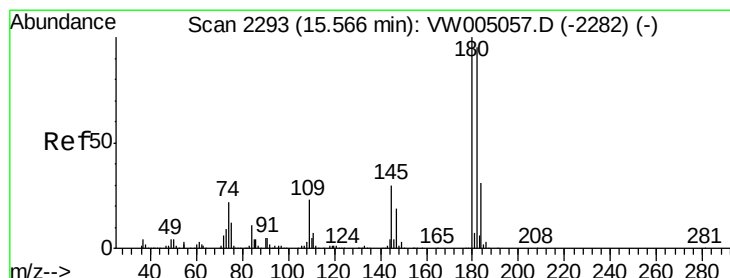
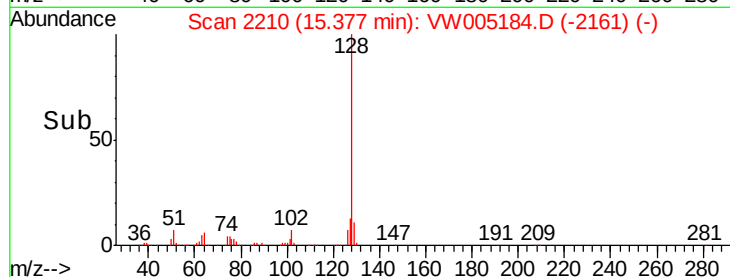
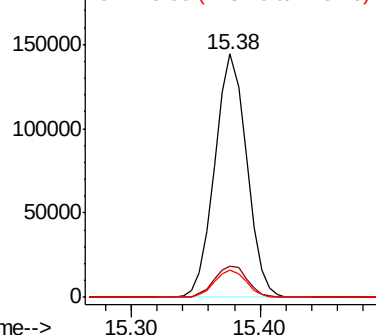


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 21.64 ug/l

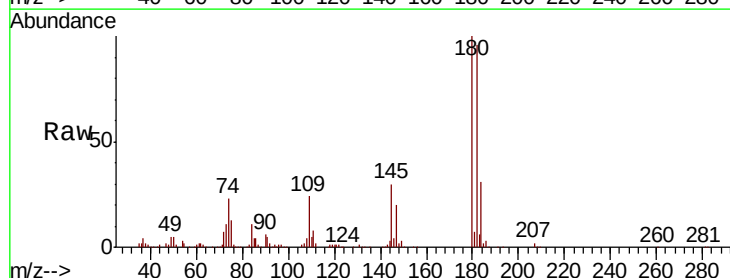
RT: 15.57 min Scan# 2241

Delta R.T. -0.00 min

Lab File: VW005184.D

Acq: 07 Sep 2018 02:05

Tgt Ion:	180	Resp:	131960
Ion Ratio	Lower	Upper	
180	100		
182	95.7	47.4	142.3
145	30.4	15.4	46.1



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

