

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091818\
 Data File : VW005503.D
 Acq On : 19 Sep 2018 03:40
 Operator : SY/AP
 Sample : VW0918SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS02

Manual Integrations
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 9/19/2018 3:44:58 PM

Quant Time: Sep 19 07:02:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:32:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	310117	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	476309	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	453309	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	224056	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	164147	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	
35) Dibromofluoromethane	7.89	113	130670	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	
50) Toluene-d8	10.33	98	621789	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	
62) 4-Bromofluorobenzene	12.63	95	230526	51.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	65154	22.35	ug/l	97
3) Chloromethane	2.21	50	88926	24.29	ug/l	100
4) Vinyl Chloride	2.35	62	77125	22.49	ug/l	99
5) Bromomethane	2.76	94	48248	19.73	ug/l	99
6) Chloroethane	2.92	64	43008	21.16	ug/l	92
7) Trichlorofluoromethane	3.26	101	94890	20.89	ug/l	97
8) Diethyl Ether	3.69	74	33569	24.86	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.07	101	59543	22.47	ug/l	95
10) Methyl Iodide	4.28	142	53568	18.66	ug/l	96
11) Tert butyl alcohol	5.19	59	28042	135.75	ug/l	94
12) 1,1-Dichloroethene	4.04	96	54885	22.87	ug/l	96
13) Acrolein	3.90	56	19527	139.14	ug/l	99
14) Allyl chloride	4.68	41	112491	25.20	ug/l	93
15) Acrylonitrile	5.38	53	81196	131.48	ug/l	98
16) Acetone	4.13	43	63724	128.93	ug/l	94
17) Carbon Disulfide	4.38	76	185366	21.93	ug/l	100
18) Methyl Acetate	4.68	43	40458	26.16	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	156330	24.00	ug/l	97
20) Methylene Chloride	4.93	84	83702	23.12	ug/l	93
21) trans-1,2-Dichloroethene	5.43	96	65137	22.73	ug/l	91
22) Diisopropyl ether	6.32	45	233627	26.62	ug/l	96
23) Vinyl Acetate	6.26	43	661946	132.36	ug/l	98
24) 1,1-Dichloroethane	6.23	63	123871	23.26	ug/l	100
25) 2-Butanone	7.18	43	104333	134.74	ug/l	95
26) 1,2-Dichloropropane	7.17	77	99112	20.75	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	71058	22.80	ug/l	98
28) Bromochloromethane	7.52	49	49666	23.98	ug/l #	88
29) Tetrahydrofuran	7.54	42	69959	141.82	ug/l	94
30) Chloroform	7.68	83	122016	22.12	ug/l	99
31) Cyclohexane	7.96	56	127105	24.74	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	110522	21.55	ug/l	98
36) 1,1-Dichloropropene	8.09	75	100671	22.33	ug/l	98
37) Ethyl Acetate	7.26	43	48516	26.47	ug/l	97
38) Carbon Tetrachloride	8.07	117	94323	20.08	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	116089	22.16	ug/l	99
40) Benzene	8.34	78	286614	21.95	ug/l	99
41) Methacrylonitrile	7.49	41	29892	27.03	ug/l	97
42) 1,2-Dichloroethane	8.41	62	85133	20.83	ug/l	97
43) Isopropyl Acetate	8.43	43	89467	25.01	ug/l	98
44) Trichloroethene	9.10	130	71046	21.14	ug/l	98
45) 1,2-Dichloropropane	9.38	63	74224	23.79	ug/l	100
46) Dibromomethane	9.46	93	34128	22.24	ug/l	98
47) Bromodichloromethane	9.65	83	90900	21.86	ug/l	96
48) Methyl methacrylate	9.45	41	44608	24.98	ug/l	97
49) 1,4-Dioxane	9.46	88	11861	463.70	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	235869	128.07	ug/l	99
52) Toluene	10.40	92	192711	21.79	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	87465	21.02	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	106391	22.58	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	50767	22.26	ug/l	95
56) Ethyl methacrylate	10.65	69	67233	23.29	ug/l	98
57) 1,3-Dichloropropane	10.94	76	89892	22.83	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	157832	120.87	ug/l	96
59) 2-Hexanone	10.98	43	157651	125.67	ug/l	98
60) Dibromochloromethane	11.13	129	55982	20.40	ug/l	100
61) 1,2-Dibromoethane	11.24	107	45307	22.15	ug/l	98
64) Tetrachloroethene	10.87	164	71644	21.38	ug/l	97
65) Chlorobenzene	11.66	112	204015	21.21	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	62987	20.48	ug/l	98
67) Ethyl Benzene	11.74	91	365885	21.63	ug/l	100
68) m/p-Xylenes	11.85	106	279401	42.91	ug/l	99
69) o-Xylene	12.18	106	129993	21.44	ug/l	99
70) Styrene	12.19	104	212964	21.28	ug/l	100
71) Bromoform	12.35	173	32749	20.13	ug/l #	99
73) Isopropylbenzene	12.47	105	354176	22.53	ug/l	100
74) N-amyl acetate	12.28	43	84218	25.43	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	57319	25.00	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	42174m	22.89	ug/l	
77) Bromobenzene	12.76	156	80417	21.64	ug/l	93
78) n-propylbenzene	12.81	91	433955	22.87	ug/l	99
79) 2-Chlorotoluene	12.90	91	253063	22.61	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	302183	22.03	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	16407	23.10	ug/l	97
82) 4-Chlorotoluene	13.00	91	264454	22.38	ug/l	99
83) tert-Butylbenzene	13.21	119	258064	22.65	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	306478	22.01	ug/l	99
85) sec-Butylbenzene	13.39	105	364771	22.16	ug/l	100
86) p-Isopropyltoluene	13.51	119	320323	21.76	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	161863	21.48	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	157848	21.27	ug/l	98
89) n-Butylbenzene	13.83	91	303594	22.15	ug/l	99
90) Hexachloroethane	14.10	117	53550	21.23	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	141496	21.48	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9664	21.94	ug/l	95

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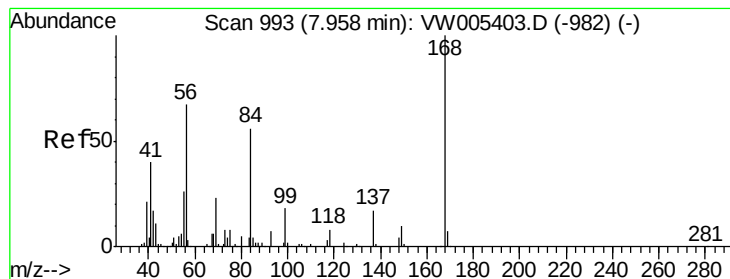
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Quant Title : SW846 8260
QLast Update : Sat Sep 15 02:32:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	89357	20.33	ug/l	98
94) Hexachlorobutadiene	15.24	225	58290	20.31	ug/l	99
95) Naphthalene	15.38	128	154164	21.05	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	75825	19.77	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005503.D

Acq: 19 Sep 2018 03:40

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBSD02

Tot Ion:168 Resp: 310117

Ion Ratio Lower Upper

168 100

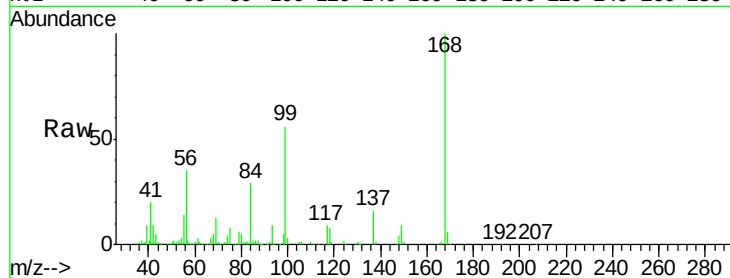
99 56.4 45.0 67.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

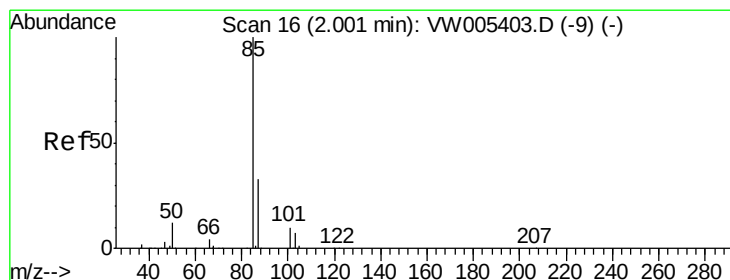
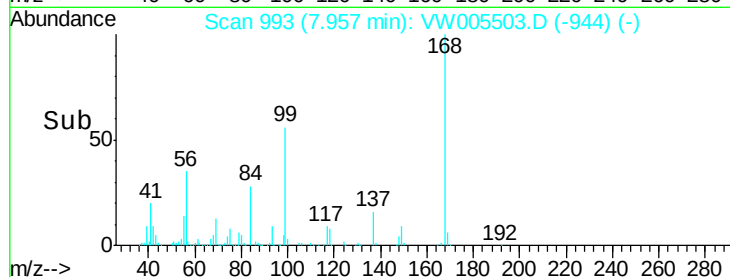
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10 8.20



#2

Dichlorodifluoromethane

Concen: 22.35 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW005503.D

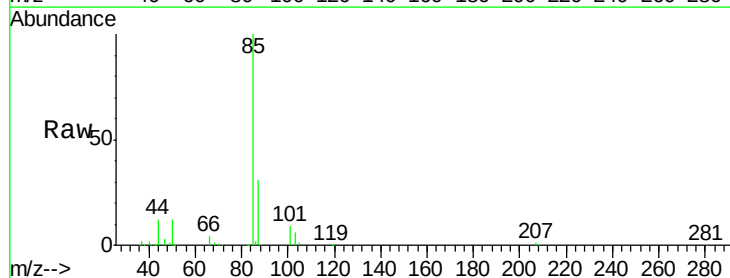
Acq: 19 Sep 2018 03:40

Tgt Ion: 85 Resp: 65154

Ion Ratio Lower Upper

85 100

87 30.8 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

50000

40000

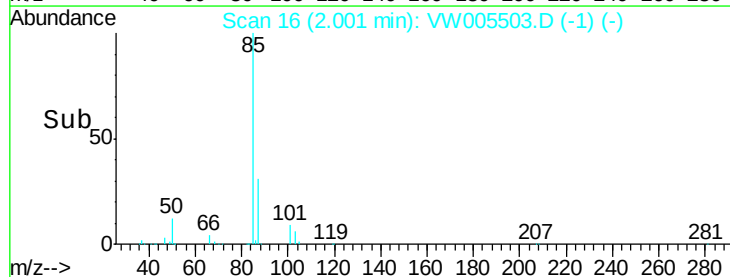
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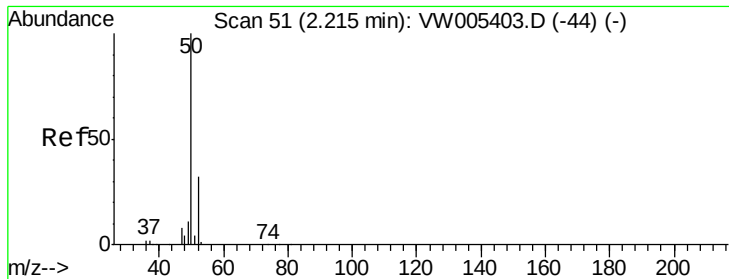
20000

10000

0

Time--> 1.90 1.95 2.00 2.05 2.10





#3

Chloromethane

Concen: 24.29 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW005503.D

Acq: 19 Sep 2018 03:40

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBSD02

Tot Ion: 50 Resp: 88926

Ion Ratio Lower Upper

50 100

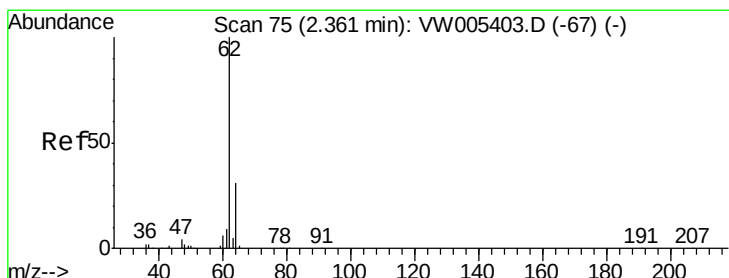
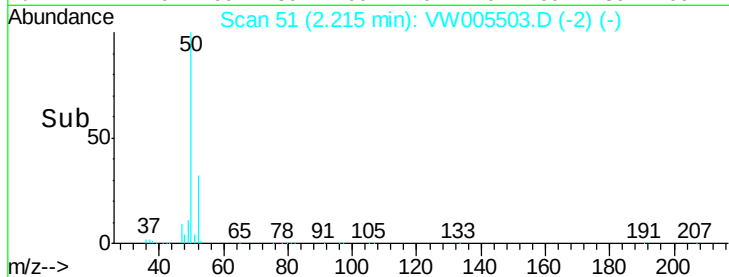
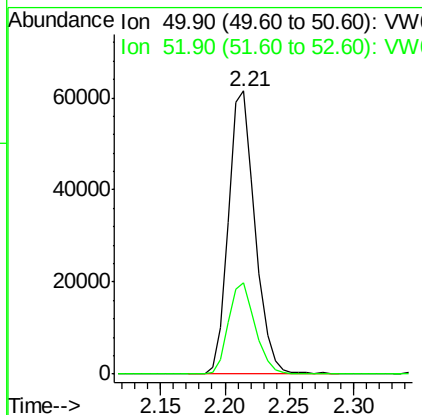
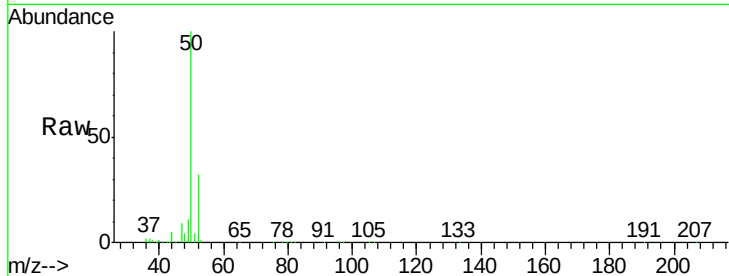
52 32.4 25.8 38.6

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#4

Vinyl Chloride

Concen: 22.49 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW005503.D

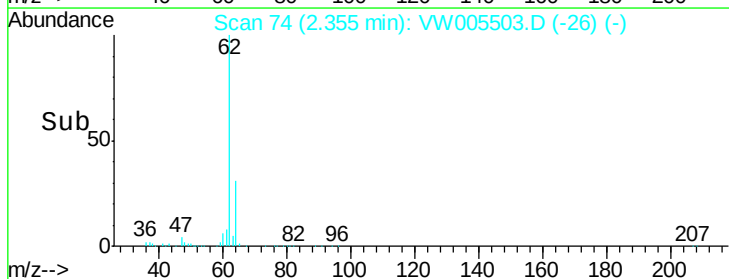
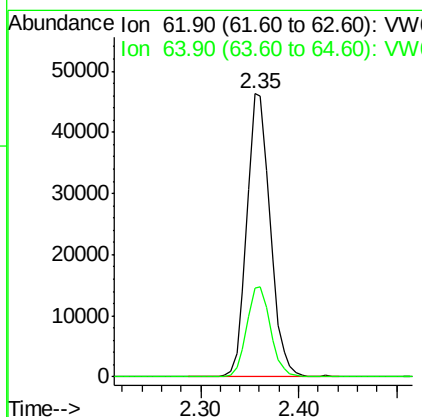
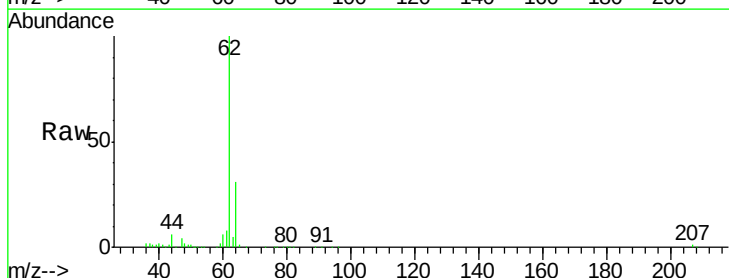
Acq: 19 Sep 2018 03:40

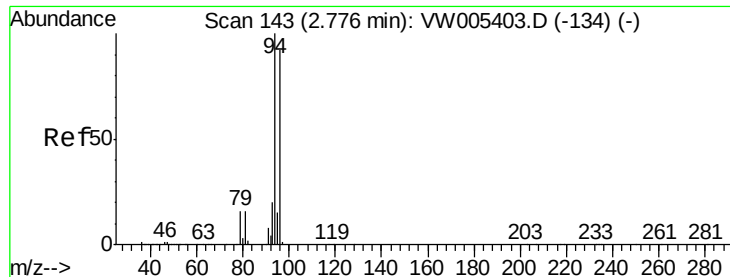
Tgt Ion: 62 Resp: 77125

Ion Ratio Lower Upper

62 100

64 31.2 24.5 36.7





#5

Bromomethane

Concen: 19.73 ug/l

RT: 2.76 min Scan# 141

Delta R.T. -0.01 min

Lab File: VW005503.D

Acq: 19 Sep 2018 03:40

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBSD02

Tot Ion: 94 Resp: 48248

Ion Ratio Lower Upper

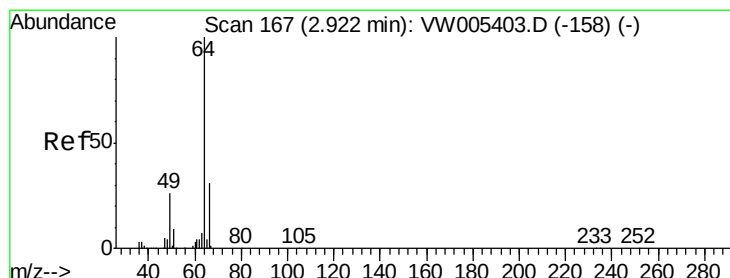
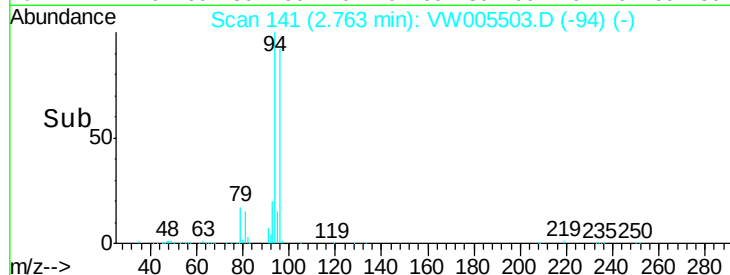
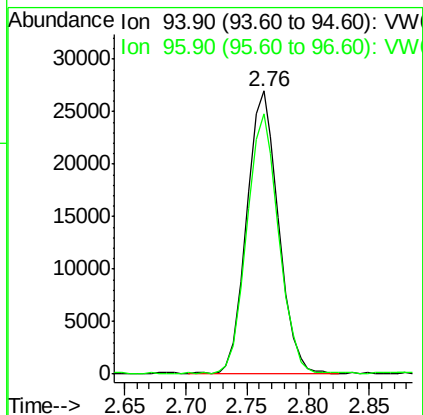
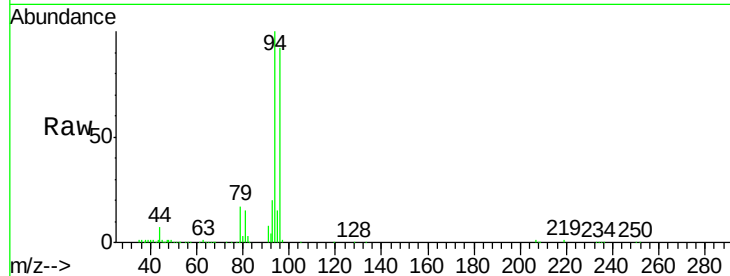
94 100

96 91.5 73.7 110.5

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#6

Chloroethane

Concen: 21.16 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW005503.D

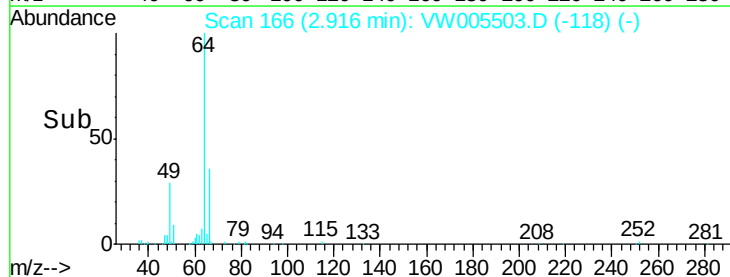
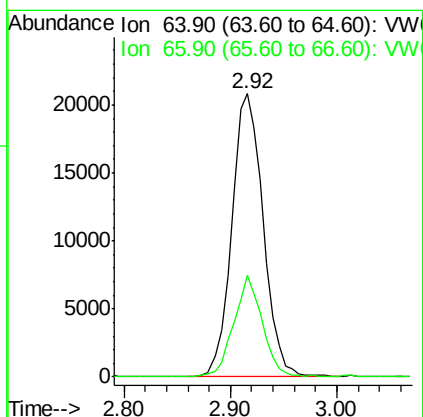
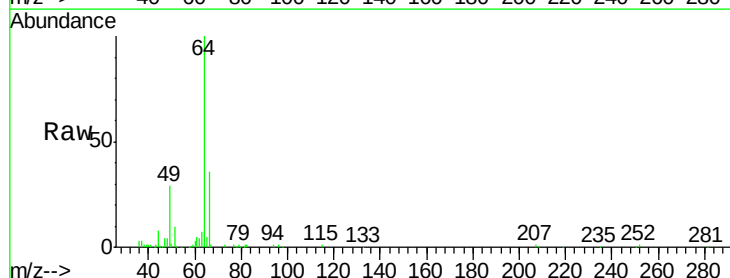
Acq: 19 Sep 2018 03:40

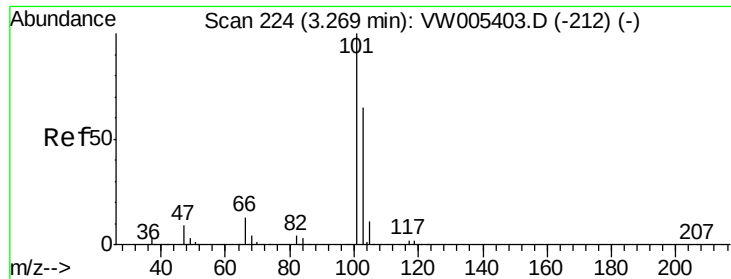
Tgt Ion: 64 Resp: 43008

Ion Ratio Lower Upper

64 100

66 36.0 25.2 37.8





#7

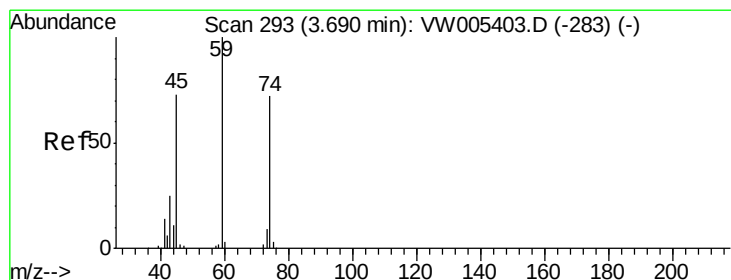
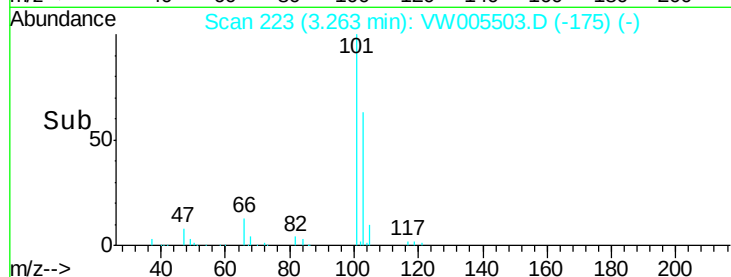
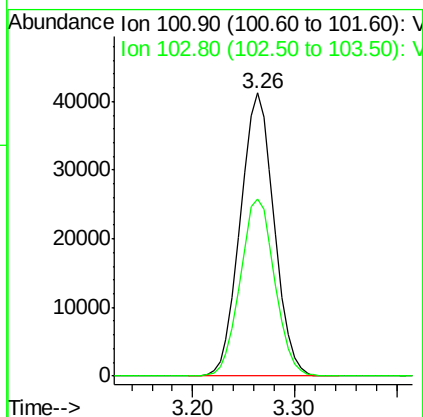
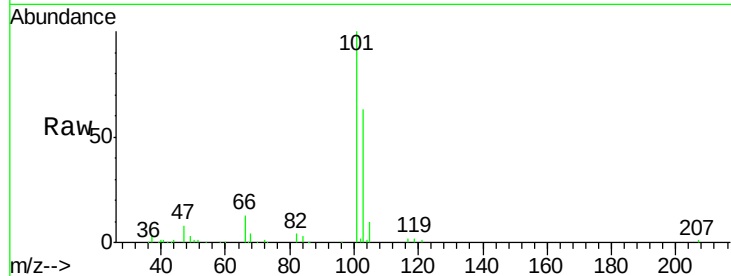
Trichlorofluoromethane
 Concen: 20.89 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. -0.01 min
 Lab File: VW005503.D
 Acq: 19 Sep 2018 03:40

Instrument :
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 ClientSampleId :
 VW0918SBSD02

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.5	51.7	77.5

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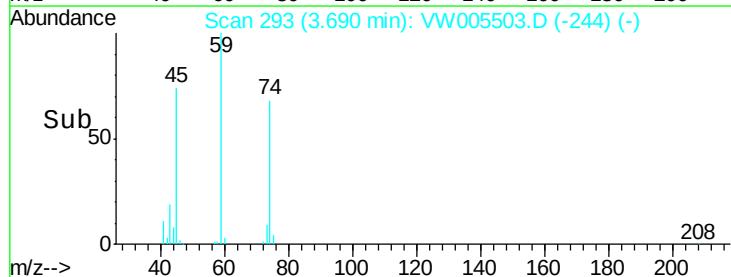
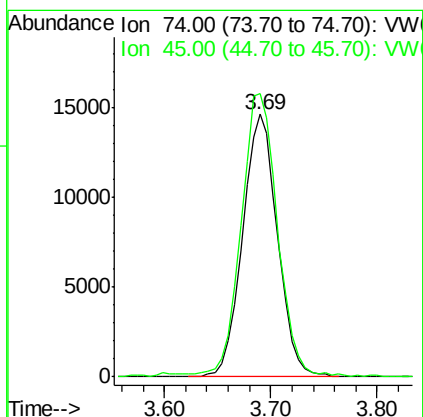
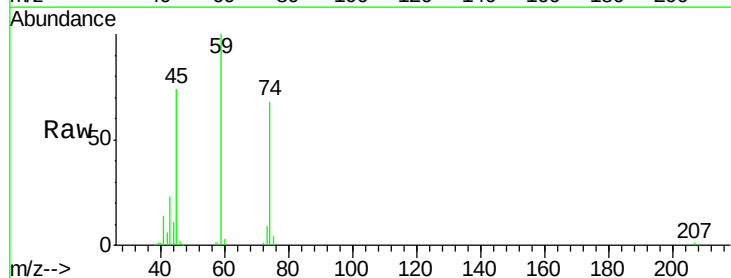
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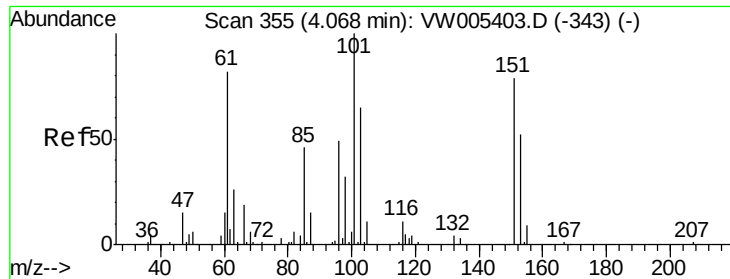


#8

Diethyl Ether
 Concen: 24.86 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VW005503.D
 Acq: 19 Sep 2018 03:40

Tgt Ion	Ratio	Lower	Upper
74	100		
45	113.5	53.1	159.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.47 ug/l

RT: 4.07 min Scan# 355

Delta R.T. -0.00 min

Lab File: VW005503.D

Acq: 19 Sep 2018 03:40

Instrument :

MSVOA_W

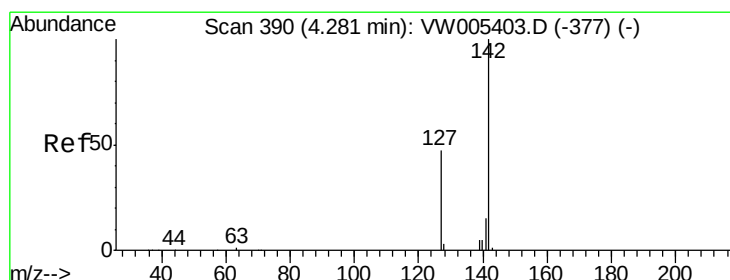
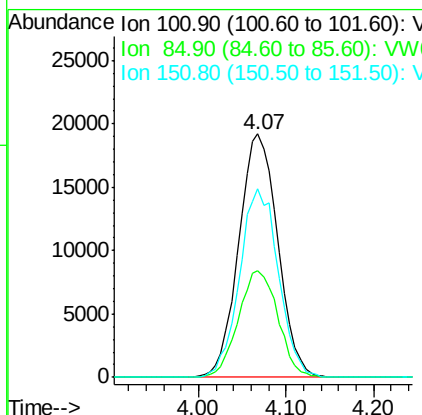
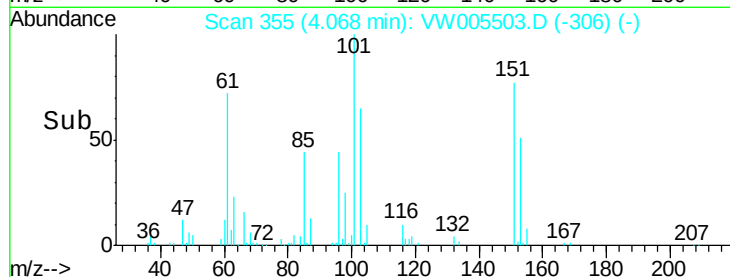
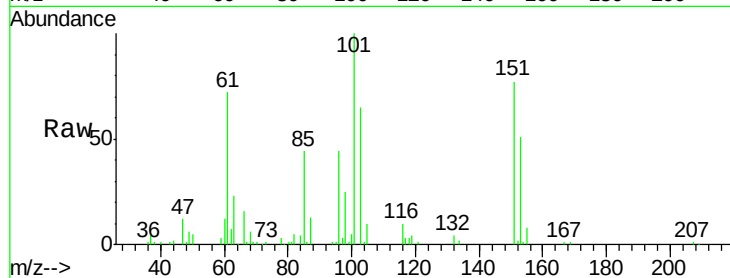
ClientSampleId :

VW0918SBS02

Tot Ion:	101	Resp:	59543
Ion Ratio	Lower	Upper	
101	100		
85	44.4	36.6	54.8
151	77.5	66.3	99.5

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#10

Methyl Iodide

Concen: 18.66 ug/l

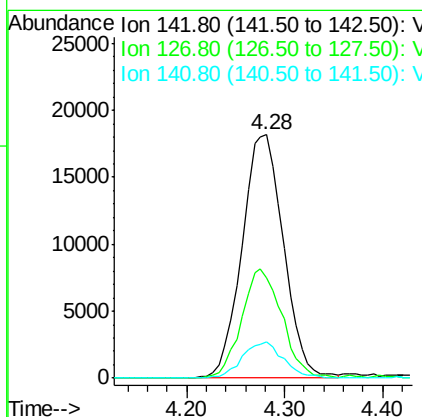
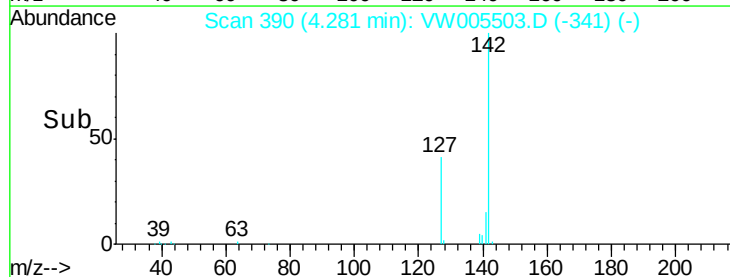
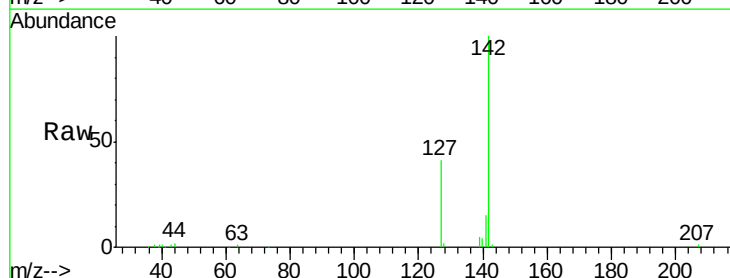
RT: 4.28 min Scan# 390

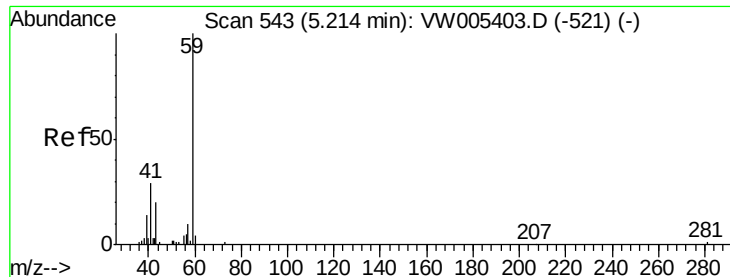
Delta R.T. 0.00 min

Lab File: VW005503.D

Acq: 19 Sep 2018 03:40

Tgt Ion:	142	Resp:	53568
Ion Ratio	Lower	Upper	
142	100		
127	43.6	37.5	56.3
141	14.7	12.4	18.6





#11

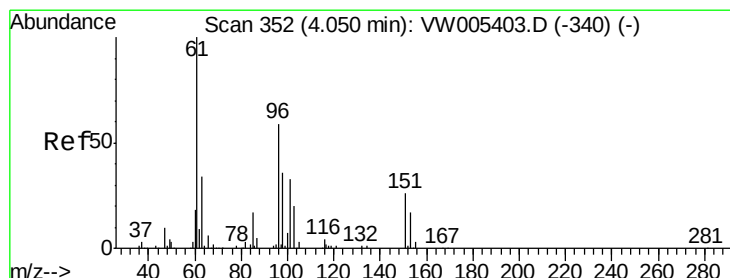
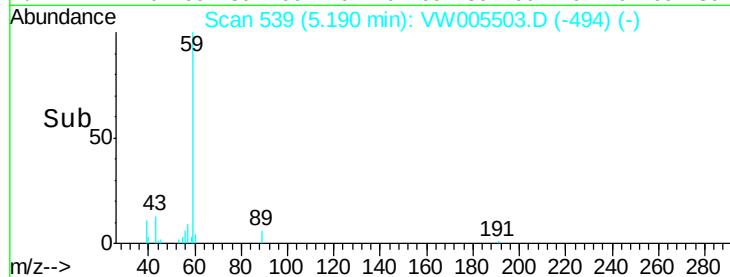
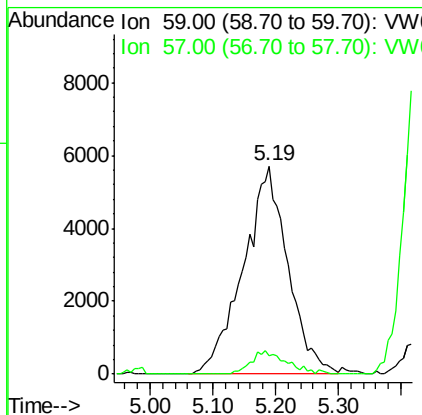
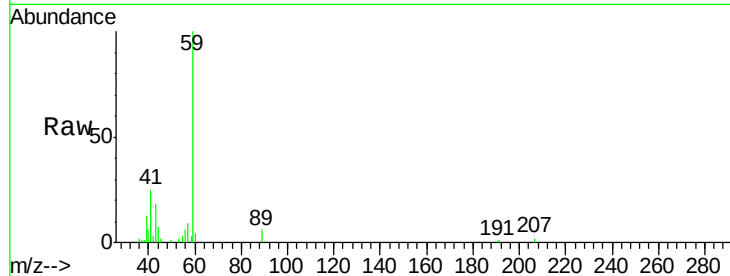
Tert butyl alcohol
Concen: 135.75 ug/l
RT: 5.19 min Scan# 539
Delta R.T. -0.02 min
Lab File: VW005503.D
Acq: 19 Sep 2018 03:40

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS02

Tot Ion	59	Resp	28042
Ion Ratio	100	Lower	Upper
57	8.7	8.6	13.0

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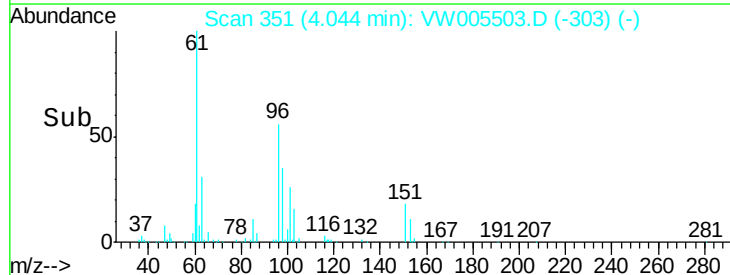
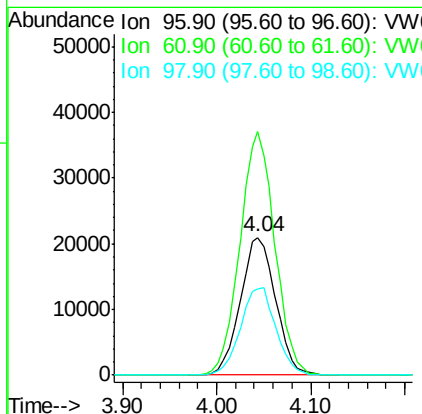
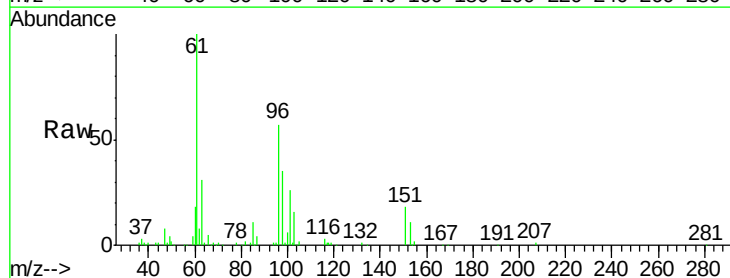
apatel
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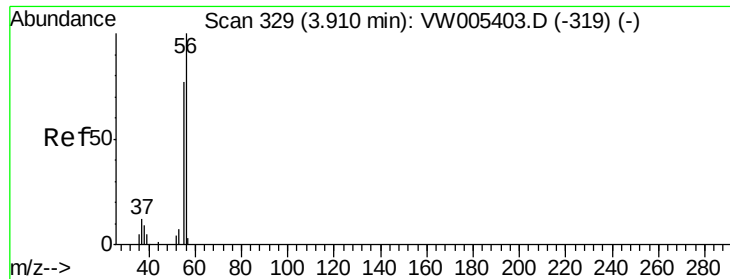


#12

1,1-Dichloroethene
Concen: 22.87 ug/l
RT: 4.04 min Scan# 351
Delta R.T. -0.01 min
Lab File: VW005503.D
Acq: 19 Sep 2018 03:40

Tgt Ion	96	Resp	54885
Ion Ratio	100	Lower	Upper
61	176.6	135.7	203.5
98	62.6	48.6	73.0





#13

Acrolein

Concen: 139.14 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW005503.D

Acq: 19 Sep 2018 03:40

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBS02

Tot Ion: 56 Resp: 19527

Ion Ratio Lower Upper

56 100

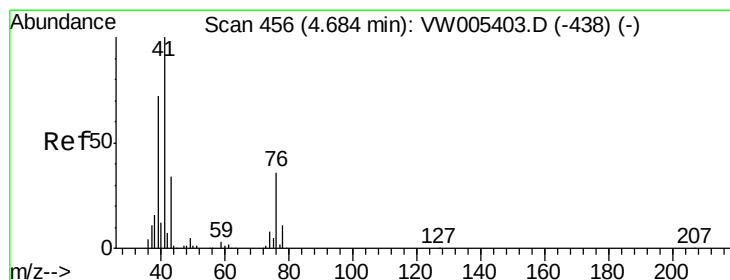
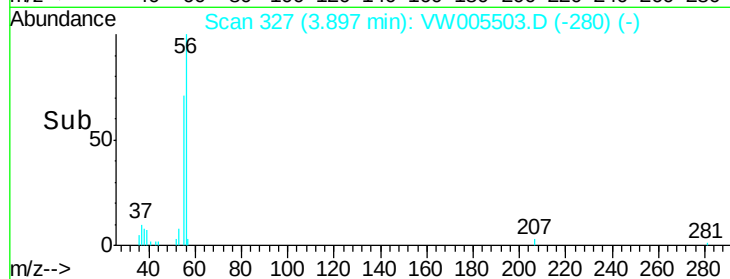
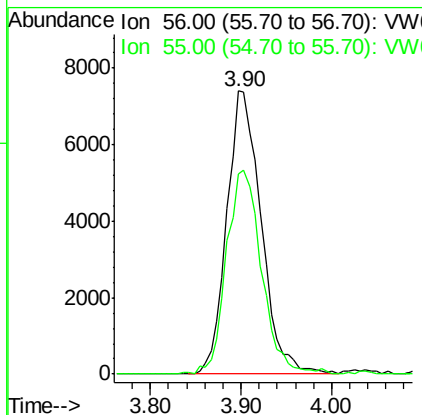
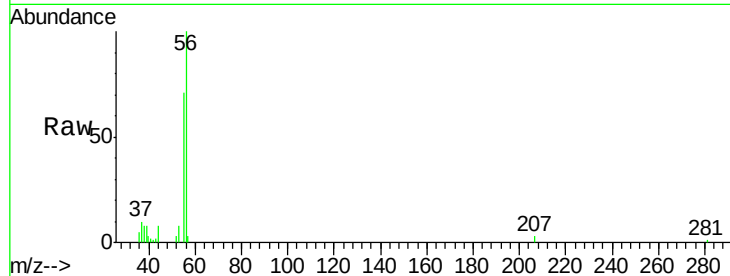
55 73.7 59.8 89.8

Manual Integrations

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#14

Allyl chloride

Concen: 25.20 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW005503.D

Acq: 19 Sep 2018 03:40

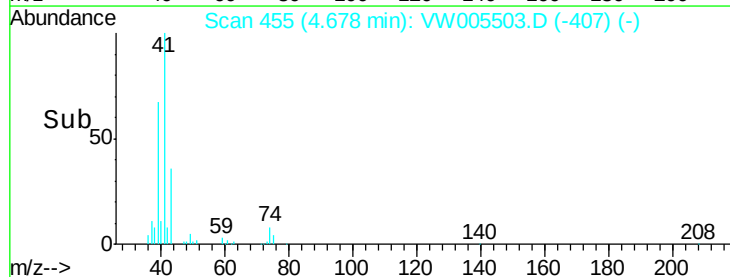
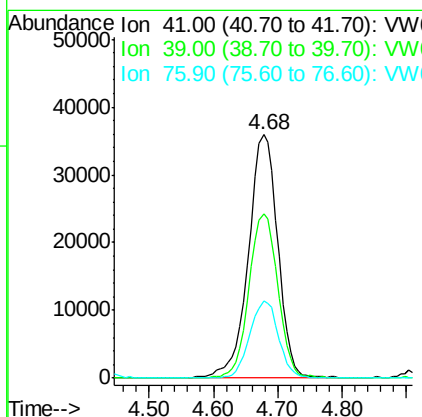
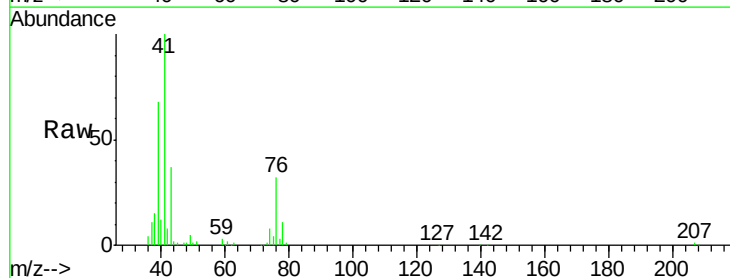
Tgt Ion: 41 Resp: 112491

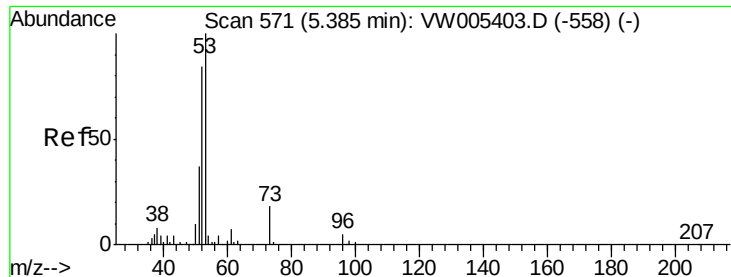
Ion Ratio Lower Upper

41 100

39 66.8 58.6 88.0

76 30.8 27.4 41.0





#15

Acrylonitrile

Concen: 131.48 ug/l

RT: 5.38 min Scan# 570

Delta R.T. -0.01 min

Lab File: VW005503.D

Acq: 19 Sep 2018 03:40

Instrument :

MSVOA_W

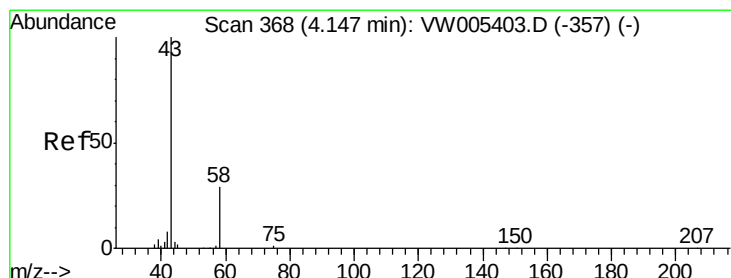
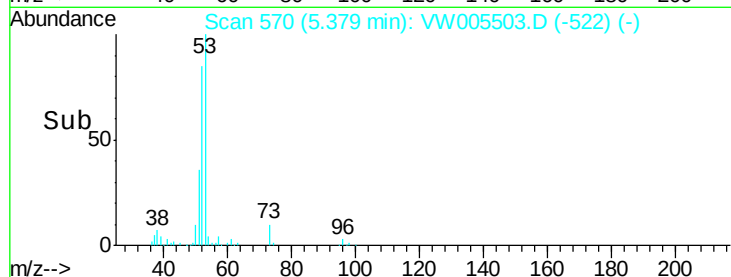
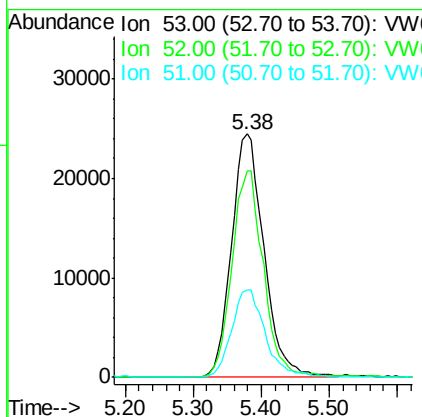
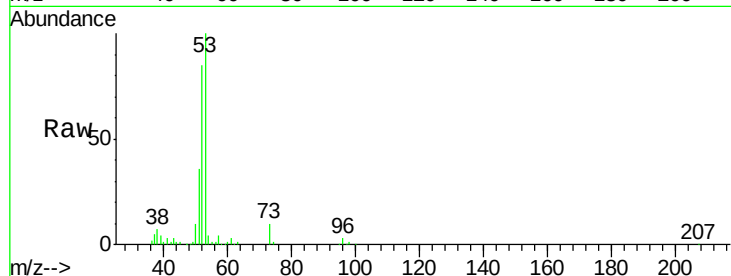
ClientSampleId :

VW0918SBS02

Tot Ion:	53	Resp:	81196
Ion Ratio	Lower	Upper	
53	100		
52	81.8	66.6	99.8
51	37.3	31.1	46.7

Manual Integrations
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#16

Acetone

Concen: 128.93 ug/l

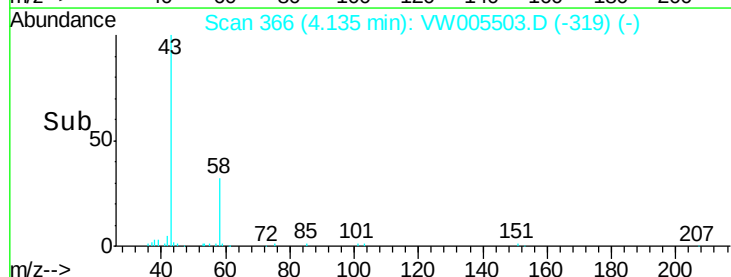
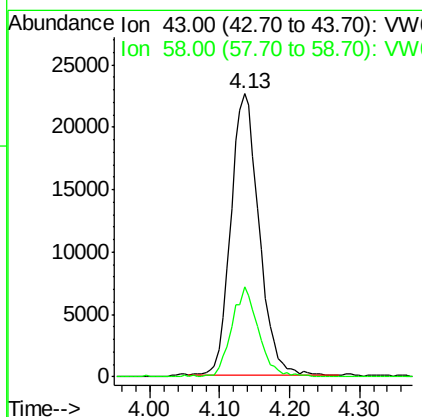
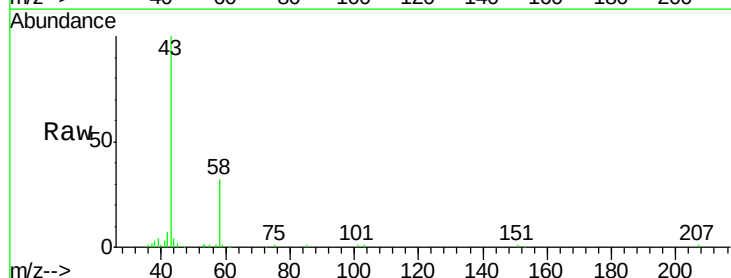
RT: 4.13 min Scan# 366

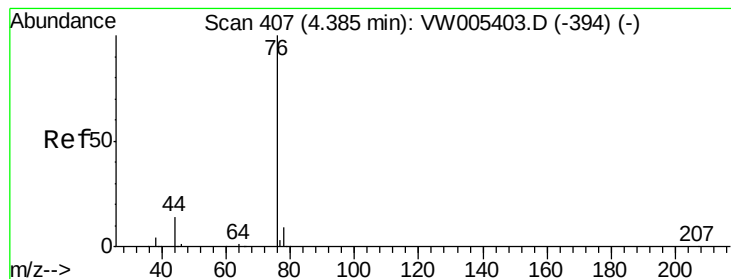
Delta R.T. -0.01 min

Lab File: VW005503.D

Acq: 19 Sep 2018 03:40

Tgt Ion:	43	Resp:	63724
Ion Ratio	Lower	Upper	
43	100		
58	31.8	22.8	34.2





#17

Carbon Disulfide

Concen: 21.93 ug/l

RT: 4.38 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW005503.D

Acq: 19 Sep 2018 03:40

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBSD02

Tot Ion: 76 Resp: 185366

Ion Ratio Lower Upper

76 100

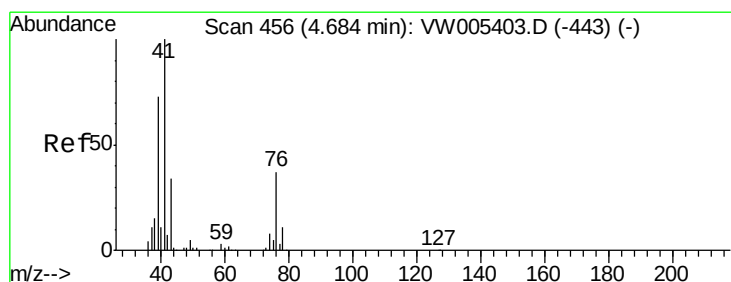
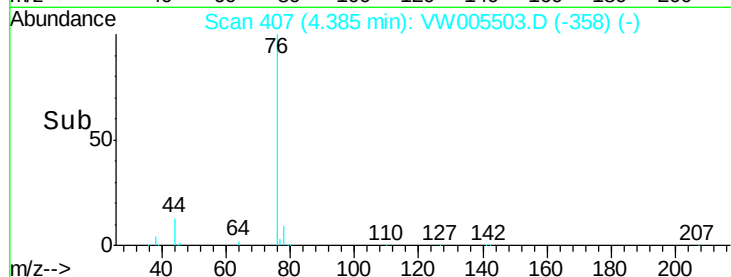
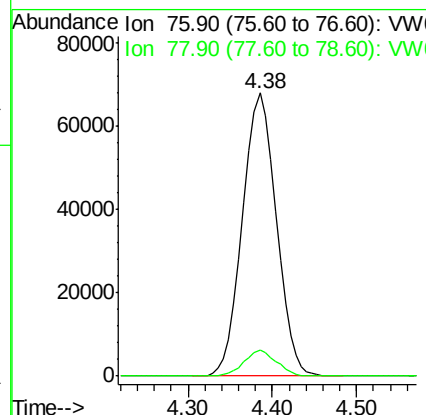
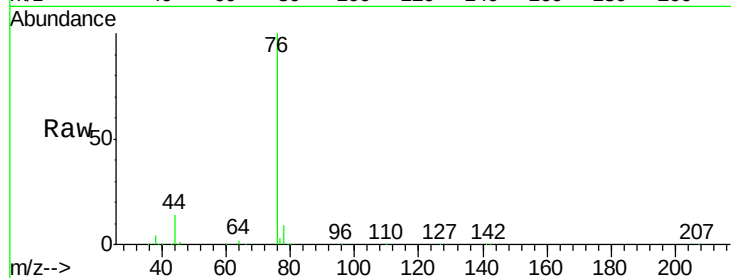
78 9.1 7.4 11.0

Manual Integrations

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#18

Methyl Acetate

Concen: 26.16 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW005503.D

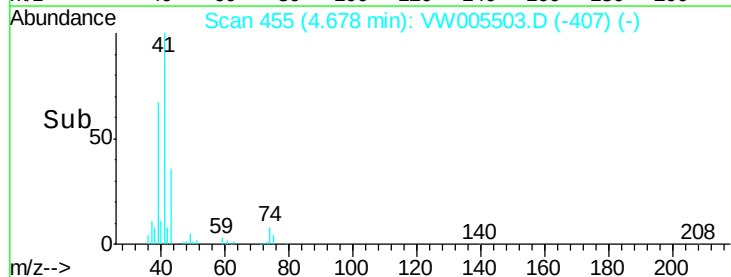
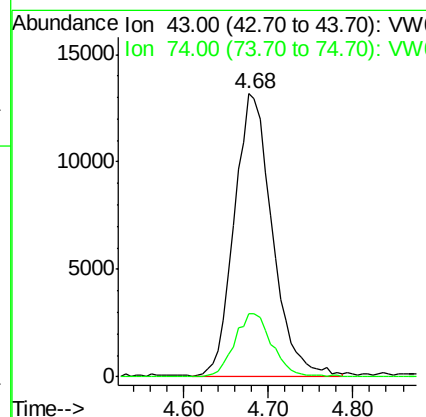
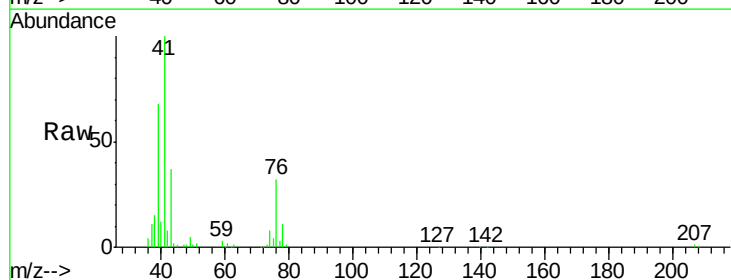
Acq: 19 Sep 2018 03:40

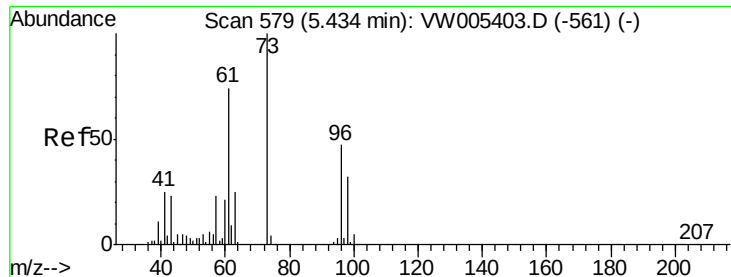
Tgt Ion: 43 Resp: 40458

Ion Ratio Lower Upper

43 100

74 21.8 17.7 26.5





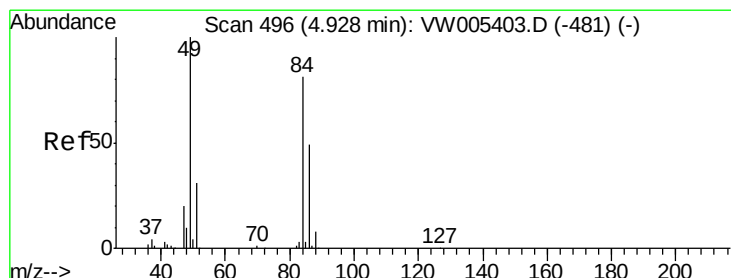
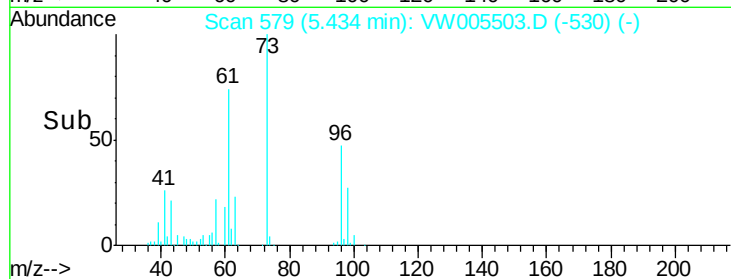
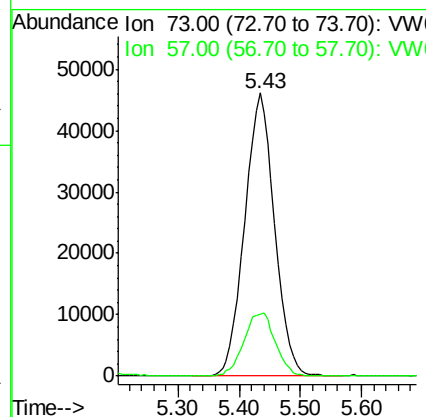
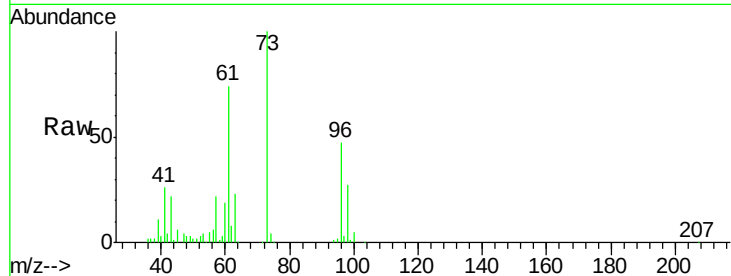
#19
Methyl tert-butyl Ether
Concen: 24.00 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW005503.D
Acq: 19 Sep 2018 03:40

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS02

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.9	18.6	28.0

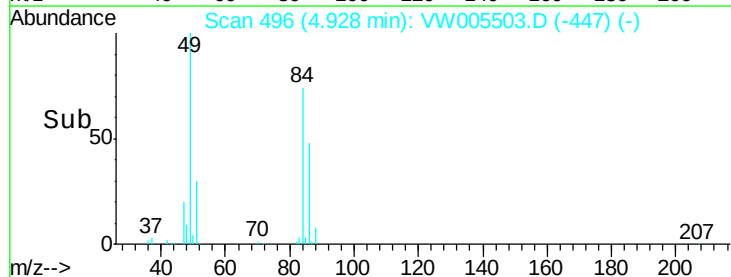
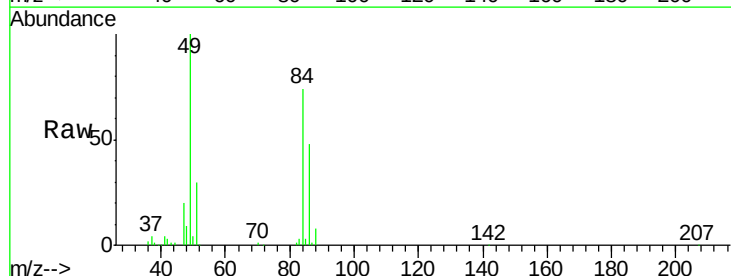
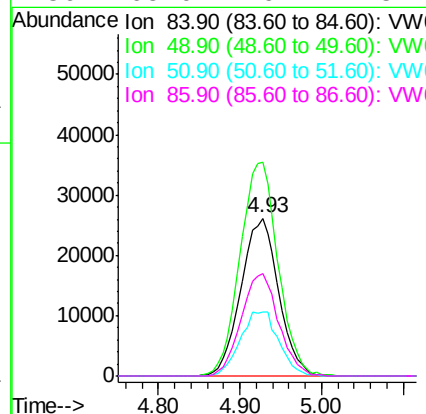
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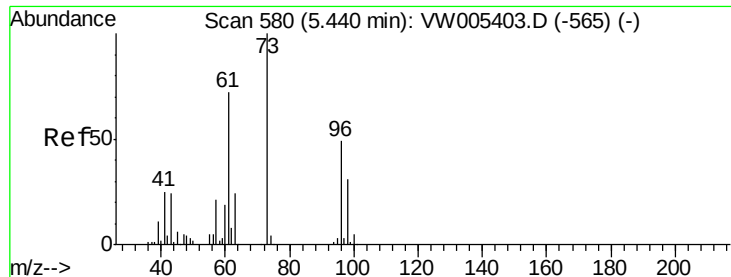
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#20
Methylene Chloride
Concen: 23.12 ug/l
RT: 4.93 min Scan# 496
Delta R.T. 0.00 min
Lab File: VW005503.D
Acq: 19 Sep 2018 03:40

Tgt Ion	Ratio	Lower	Upper
84	100		
49	135.2	99.3	148.9
51	40.7	31.1	46.7
86	65.0	49.1	73.7





#21

trans-1,2-Dichloroethene

Concen: 22.73 ug/l

RT: 5.43 min Scan# 579

Delta R.T. -0.01 min

Lab File: VW005503.D

Acq: 19 Sep 2018 03:40

Instrument :

MSVOA_W

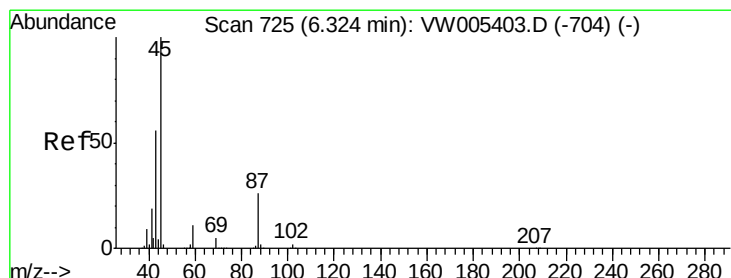
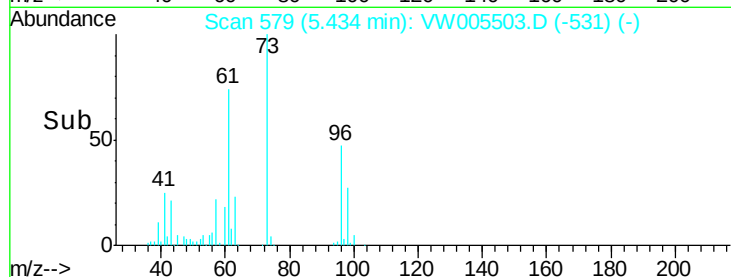
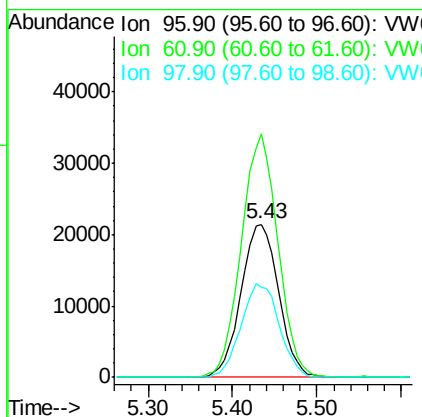
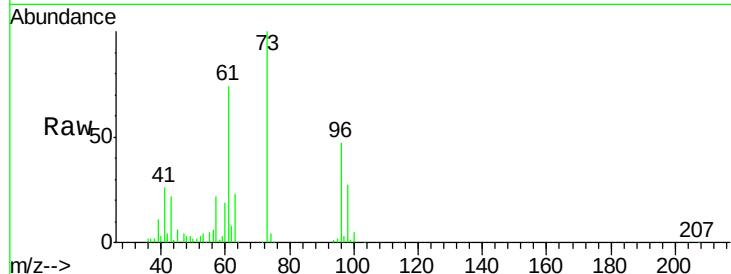
ClientSampleId :

VW0918SBSD02

Tot Ion:	96	Resp:	65137
Ion	Ratio	Lower	Upper
96	100		
61	158.9	116.7	175.1
98	58.5	51.0	76.6

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#22

Diisopropyl ether

Concen: 26.62 ug/l

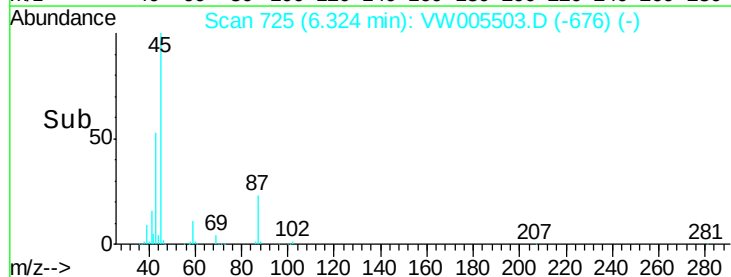
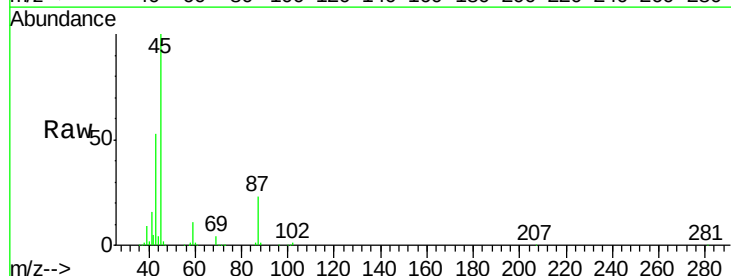
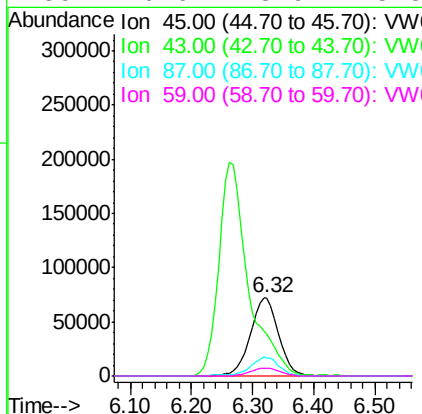
RT: 6.32 min Scan# 725

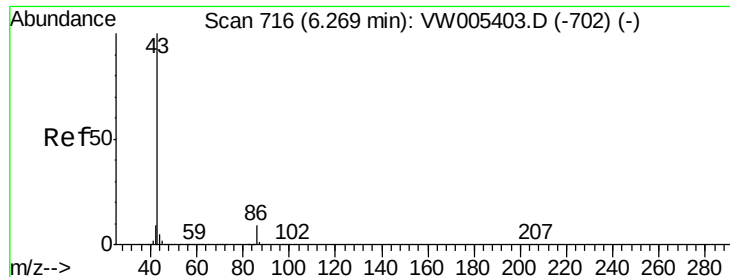
Delta R.T. -0.00 min

Lab File: VW005503.D

Acq: 19 Sep 2018 03:40

Tgt Ion:	45	Resp:	233627
Ion	Ratio	Lower	Upper
45	100		
43	53.3	44.6	67.0
87	23.2	20.6	31.0
59	10.6	8.9	13.3





#23

Vinyl Acetate

Concen: 132.36 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.01 min

Lab File: VW005503.D

Acq: 19 Sep 2018 03:40

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBS02

Tot Ion: 43 Resp: 661946

Ion Ratio Lower Upper

43 100

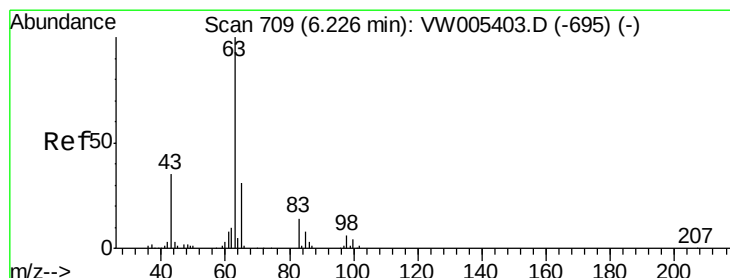
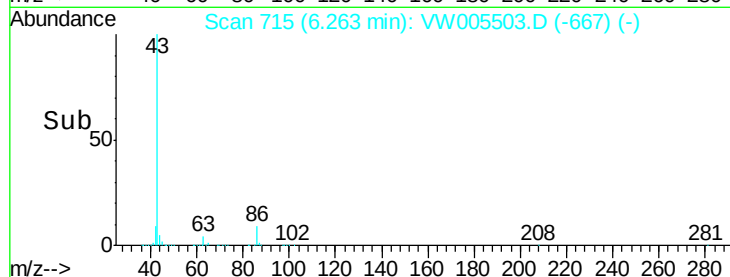
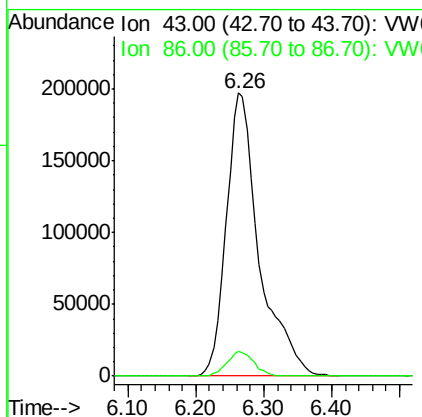
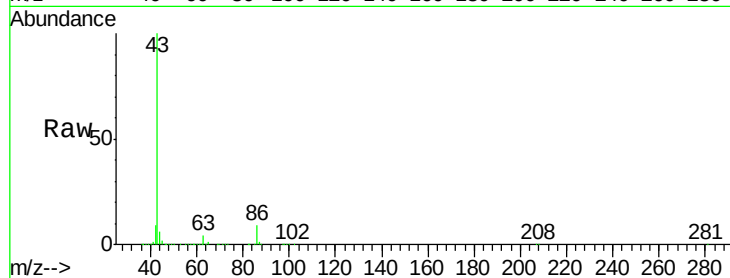
86 8.8 7.5 11.3

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#24

1,1-Dichloroethane

Concen: 23.26 ug/l

RT: 6.23 min Scan# 709

Delta R.T. -0.00 min

Lab File: VW005503.D

Acq: 19 Sep 2018 03:40

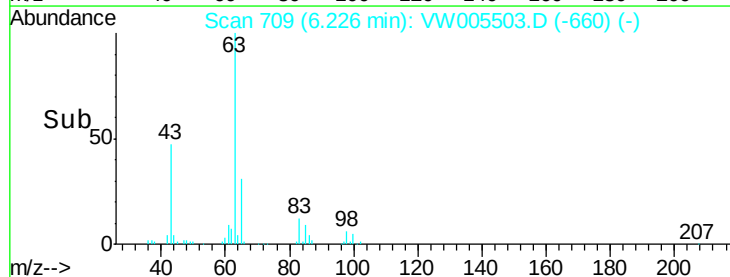
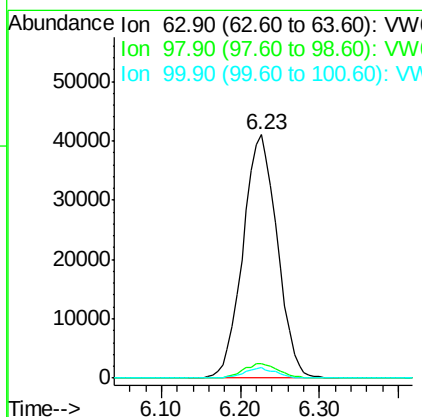
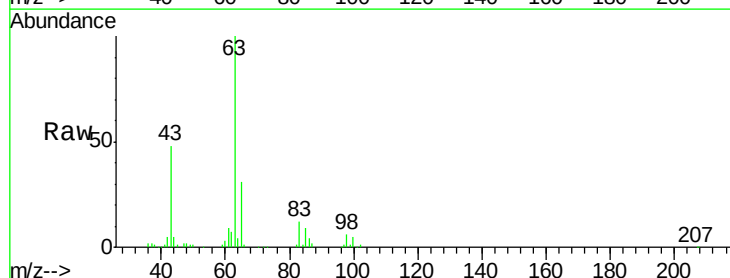
Tgt Ion: 63 Resp: 123871

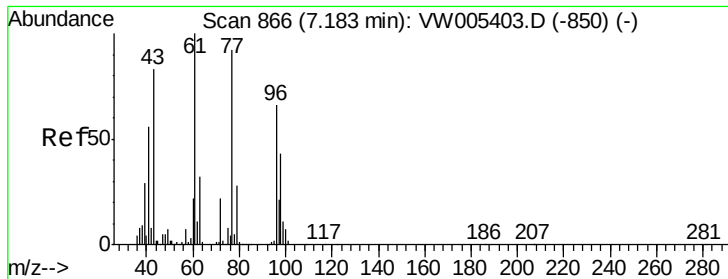
Ion Ratio Lower Upper

63 100

98 5.8 2.9 8.8

100 4.5 2.3 6.8





#25

2-Butanone

Concen: 134.74 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: VW005503.D

Acq: 19 Sep 2018 03:40

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBS02

Tot Ion: 43 Resp: 104333

Ion Ratio Lower Upper

43 100

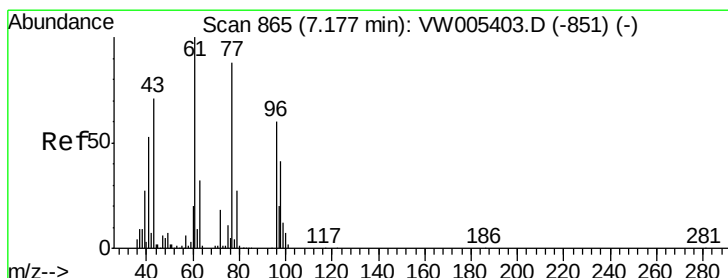
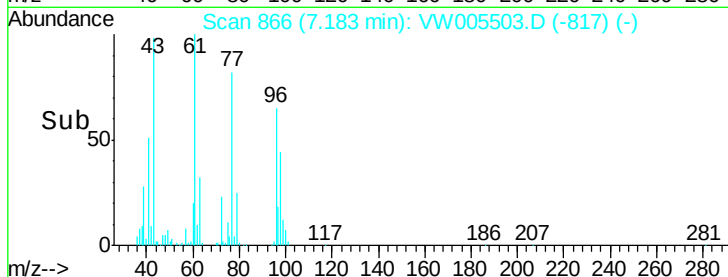
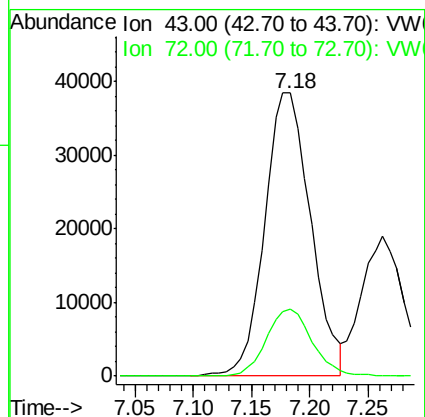
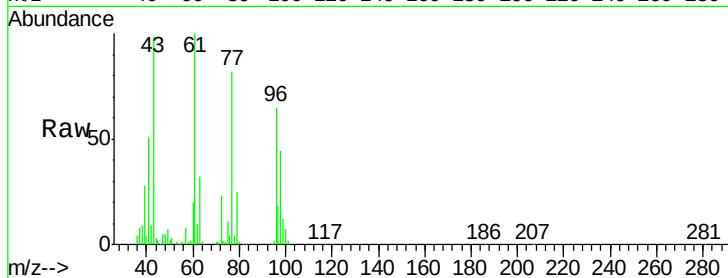
72 23.8 21.1 31.7

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.75 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW005503.D

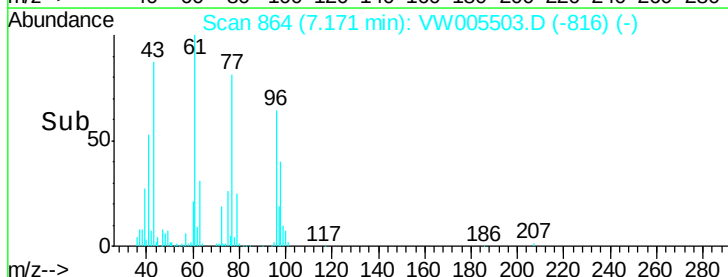
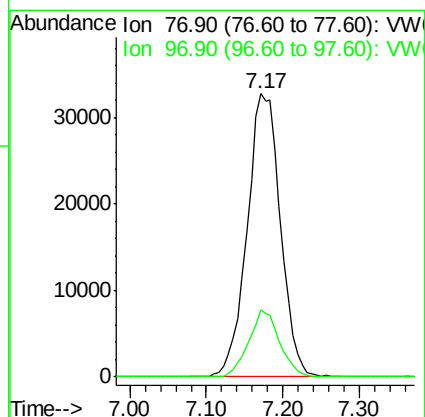
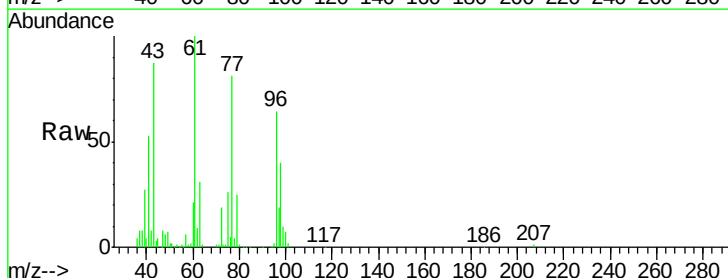
Acq: 19 Sep 2018 03:40

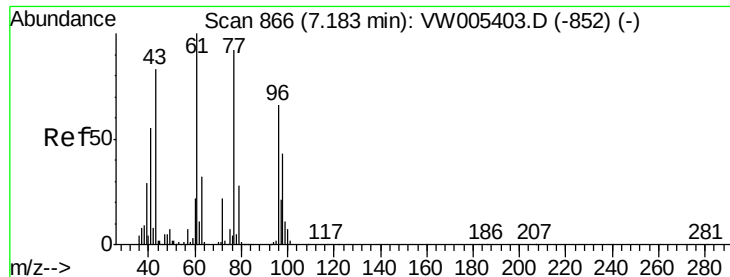
Tgt Ion: 77 Resp: 99112

Ion Ratio Lower Upper

77 100

97 21.9 10.7 32.1





#27

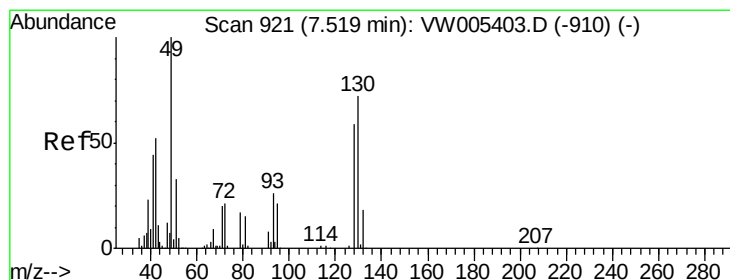
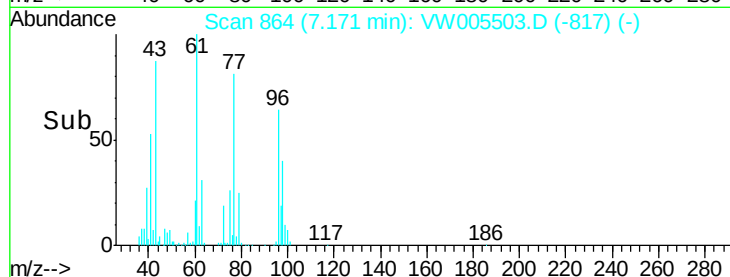
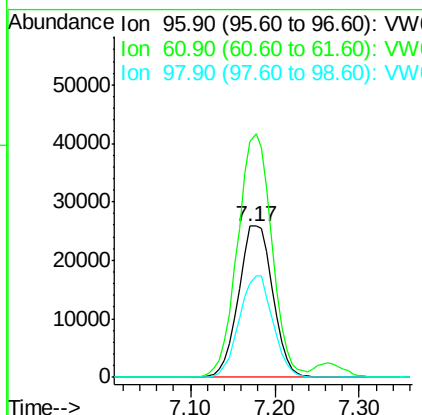
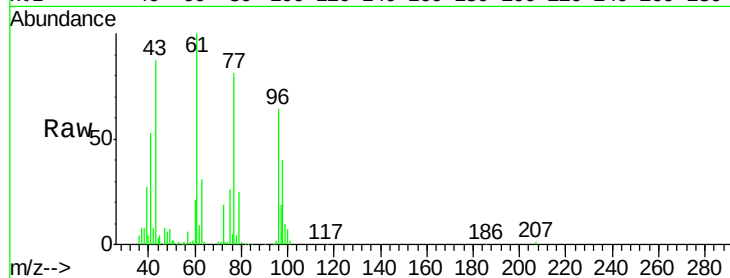
cis-1,2-Dichloroethene
 Concen: 22.80 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.01 min
 Lab File: VW005503.D
 Acq: 19 Sep 2018 03:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBSD02

Tot Ion	Ratio	Lower	Upper
96	100		
61	161.0	0.0	316.0
98	65.6	0.0	130.8

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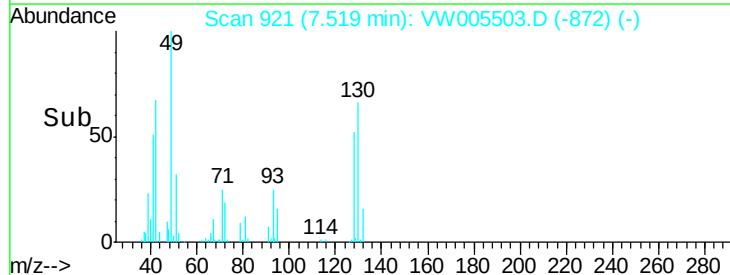
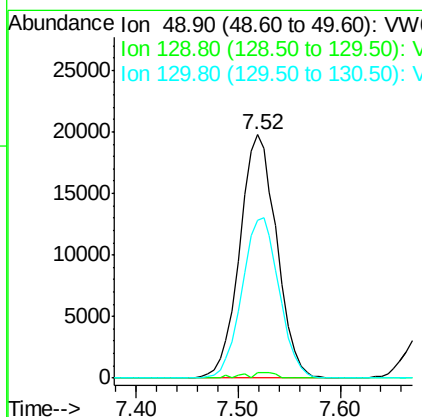
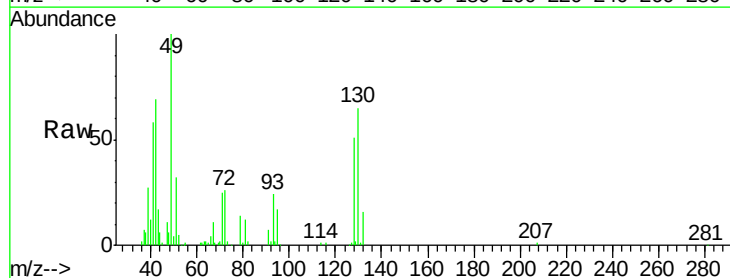
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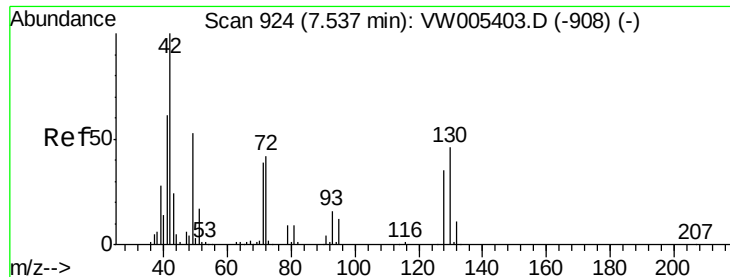


#28

Bromochloromethane
 Concen: 23.98 ug/l
 RT: 7.52 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: VW005503.D
 Acq: 19 Sep 2018 03:40

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	1.0#
130	66.3	61.4	92.2





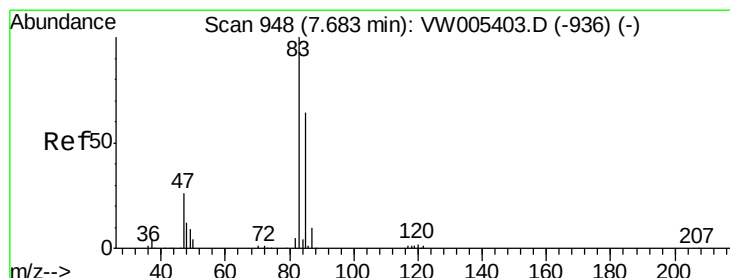
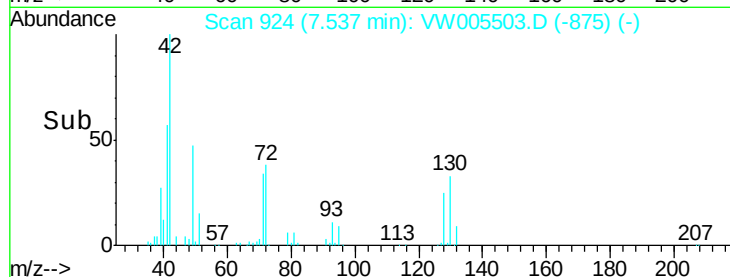
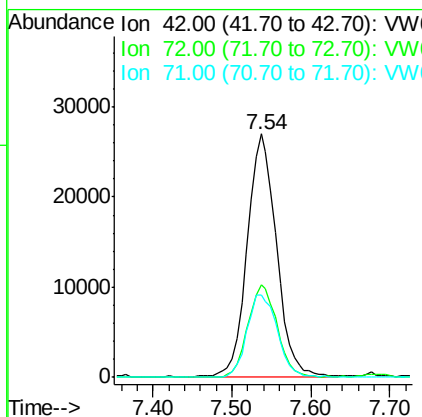
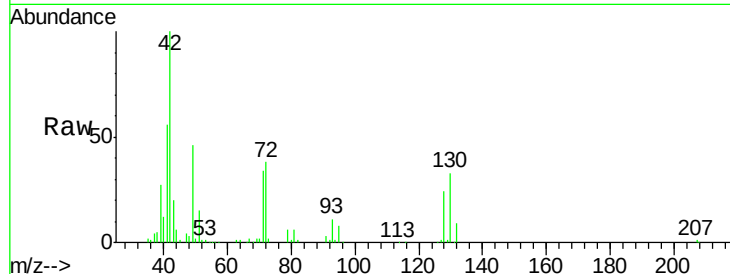
#29
Tetrahydrofuran
Concen: 141.82 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW005503.D
Acq: 19 Sep 2018 03:40

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBSD02

Tot Ion	Ratio	Lower	Upper
42	100		
72	37.8	33.2	49.8
71	35.3	31.0	46.6

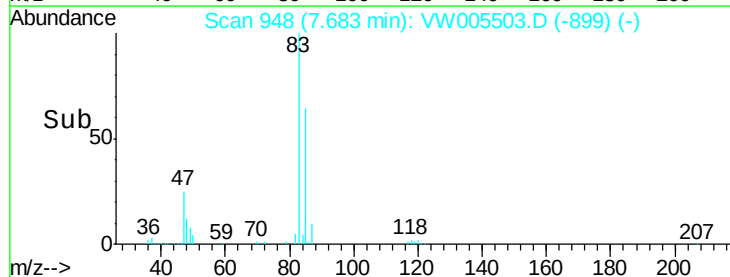
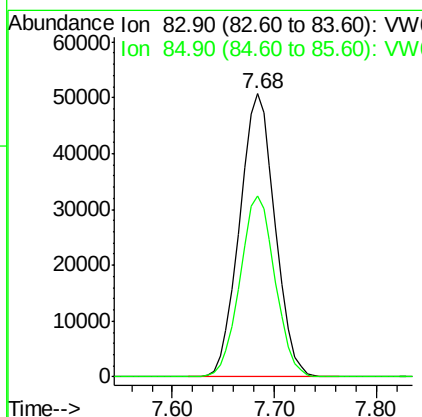
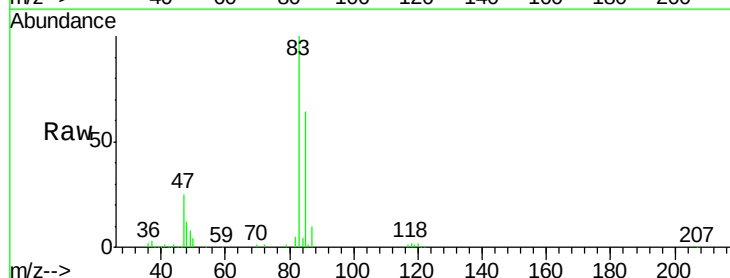
Manual Integrations
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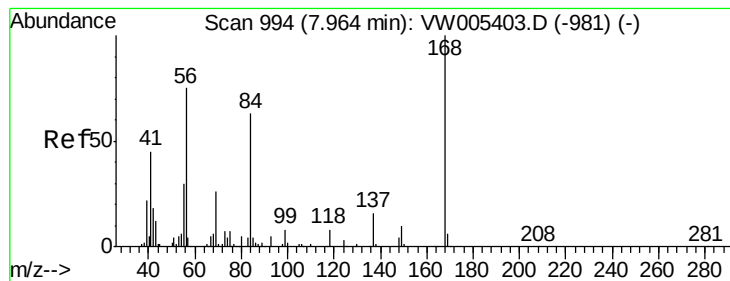
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#30
Chloroform
Concen: 22.12 ug/l
RT: 7.68 min Scan# 948
Delta R.T. -0.00 min
Lab File: VW005503.D
Acq: 19 Sep 2018 03:40

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.5	77.3





#31

Cyclohexane

Concen: 24.74 ug/l

RT: 7.96 min Scan# 994

Delta R.T. -0.00 min

Lab File: VW005503.D

Acq: 19 Sep 2018 03:40

Instrument :

MSVOA_W

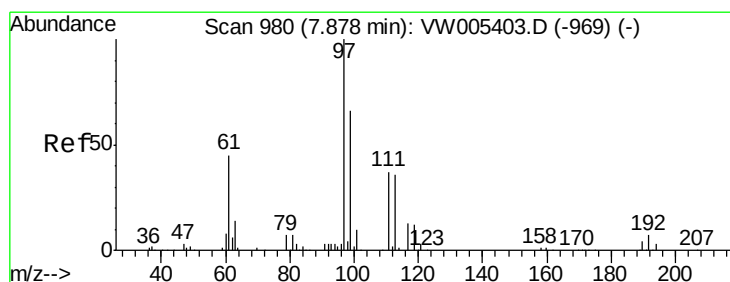
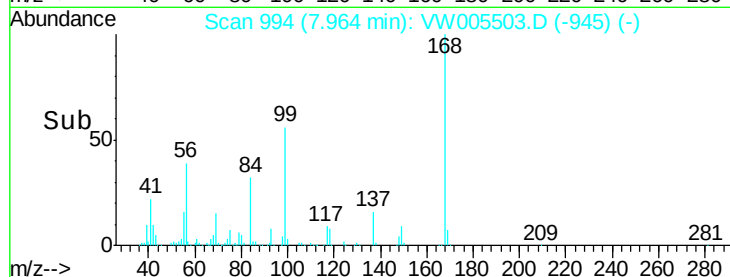
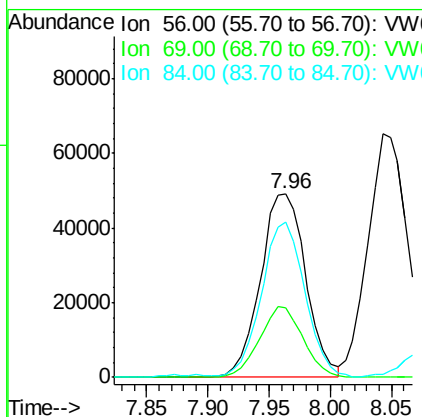
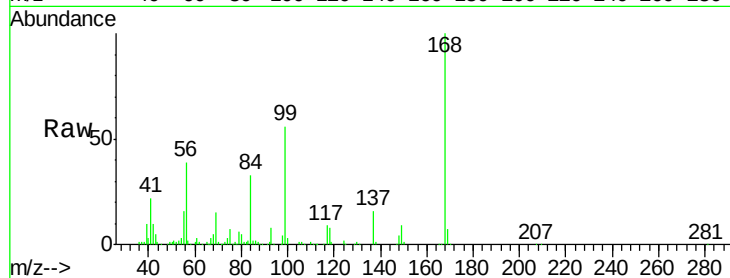
ClientSampleId :

VW0918SBS02

Tot Ion:	56	Resp:	127105
Ion	Ratio	Lower	Upper
56	100		
69	37.9	27.2	40.8
84	83.1	66.7	100.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 21.55 ug/l

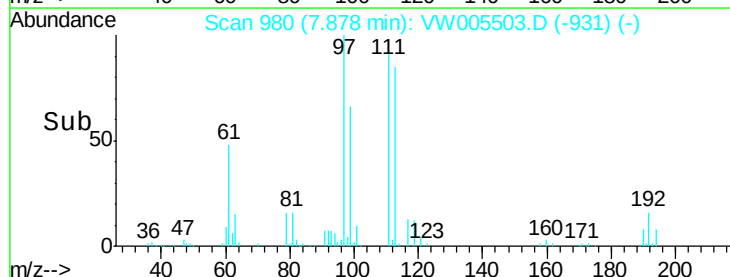
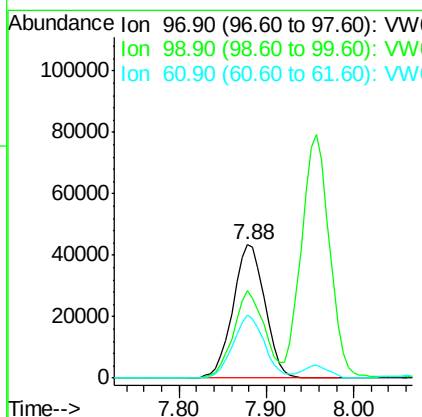
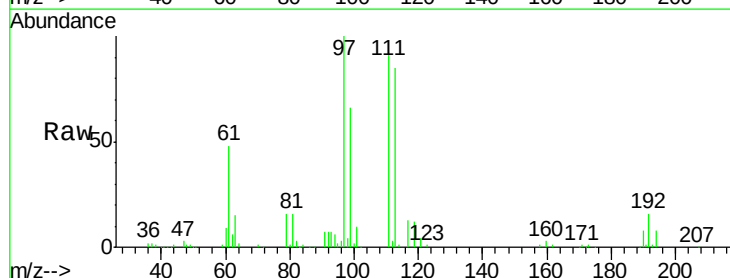
RT: 7.88 min Scan# 980

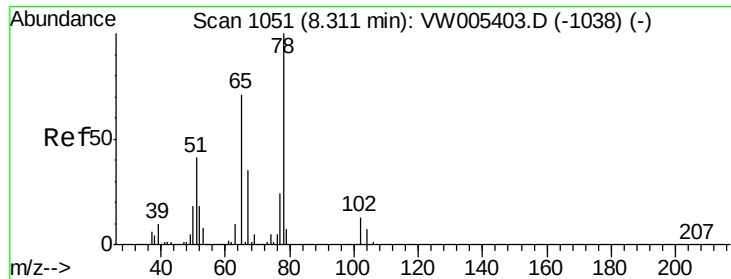
Delta R.T. -0.00 min

Lab File: VW005503.D

Acq: 19 Sep 2018 03:40

Tgt Ion:	97	Resp:	110522
Ion	Ratio	Lower	Upper
97	100		
99	63.0	51.5	77.3
61	46.1	35.8	53.6





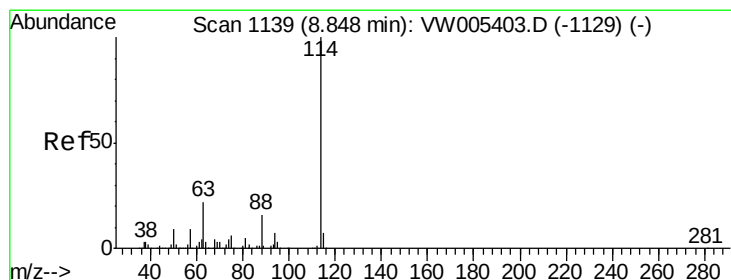
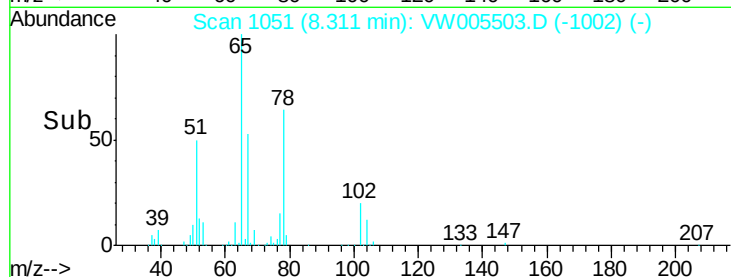
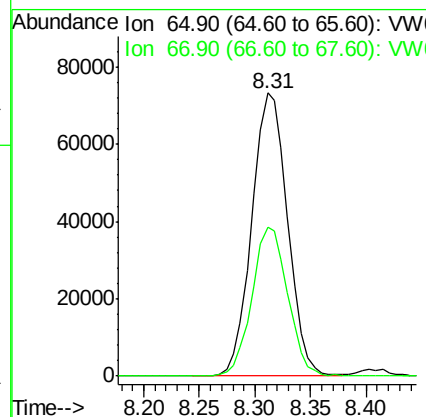
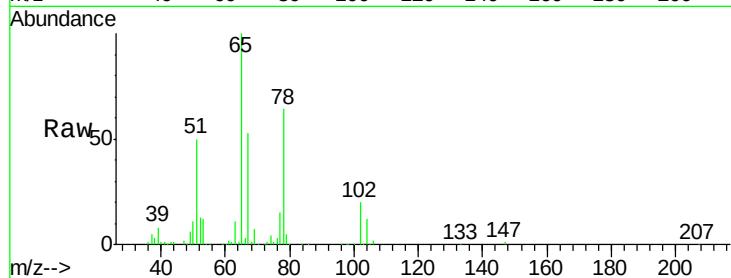
#33
 1,2-Dichloroethane-d4
 Concen: 50.99 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005503.D
 Acq: 19 Sep 2018 03:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBSD02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	164147		
67	52.5	0.0	100.6	

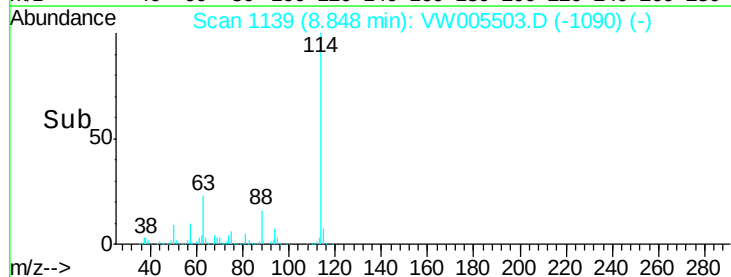
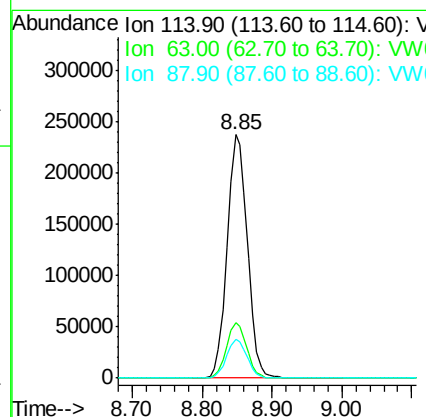
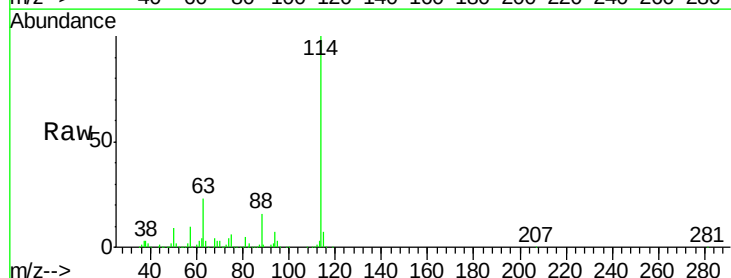
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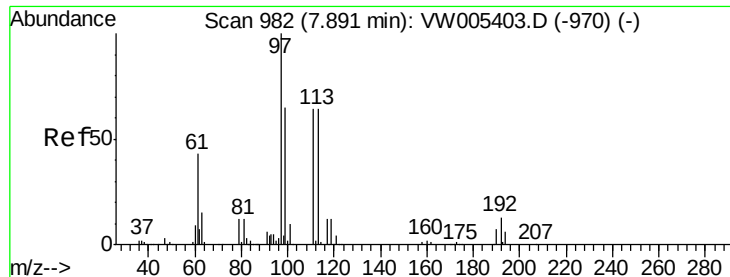
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005503.D
 Acq: 19 Sep 2018 03:40

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	476309		
63	22.7	0.0	43.4	
88	15.8	0.0	31.8	





#35

Dibromofluoromethane

Concen: 48.93 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW005503.D

Acq: 19 Sep 2018 03:40

Instrument :

MSVOA_W

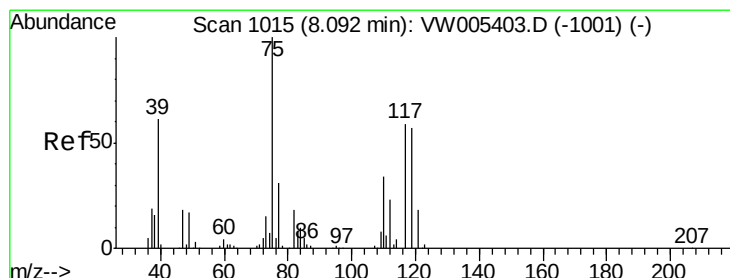
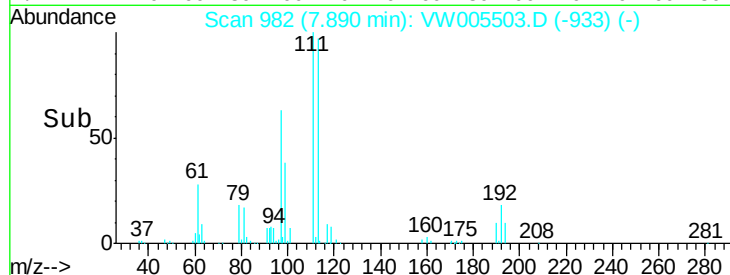
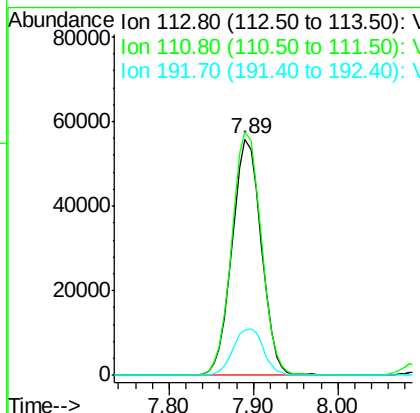
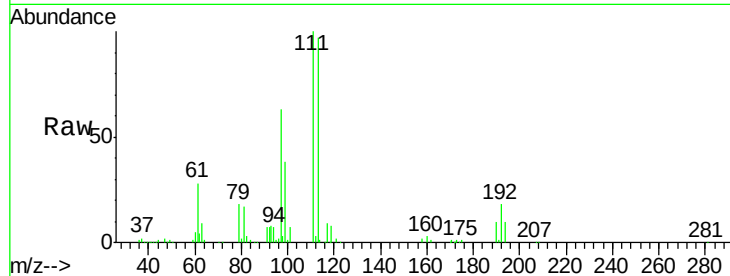
ClientSampleId :

VW0918SBS02

Tot Ion:	113	Resp:	130670
Ion Ratio	Lower	Upper	
113	100		
111	104.2	82.3	123.5
192	20.5	16.5	24.7

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#36

1,1-Dichloropropene

Concen: 22.33 ug/l

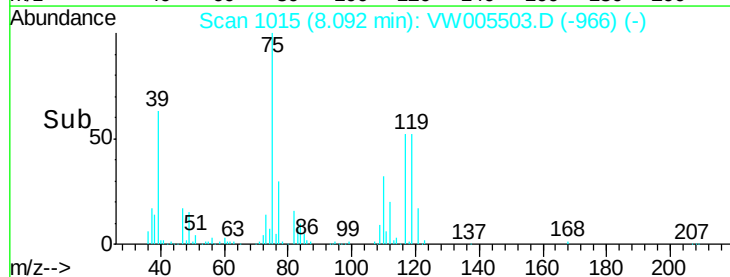
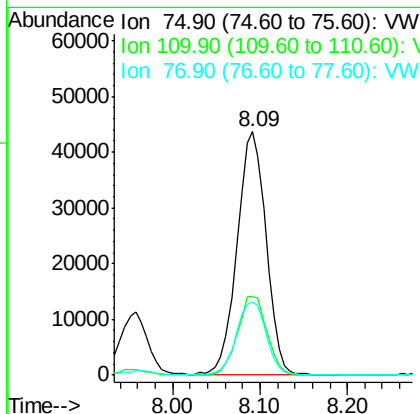
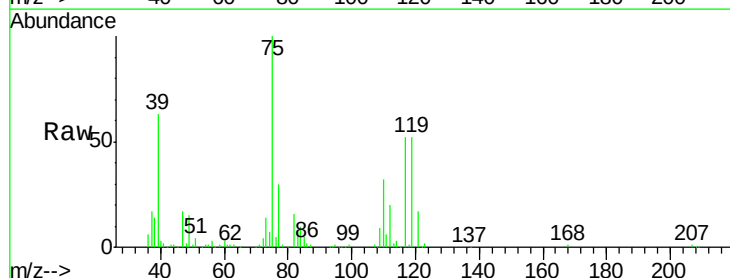
RT: 8.09 min Scan# 1015

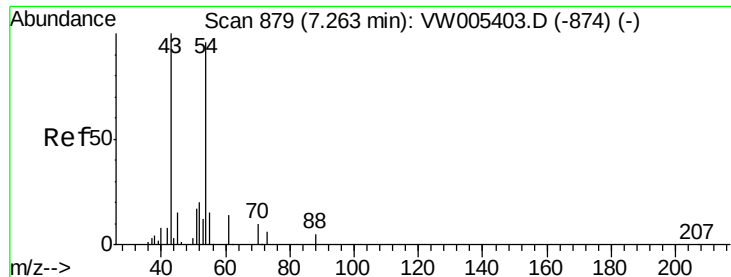
Delta R.T. -0.00 min

Lab File: VW005503.D

Acq: 19 Sep 2018 03:40

Tgt Ion:	75	Resp:	100671
Ion Ratio	Lower	Upper	
75	100		
110	32.7	16.8	50.4
77	31.2	24.2	36.4





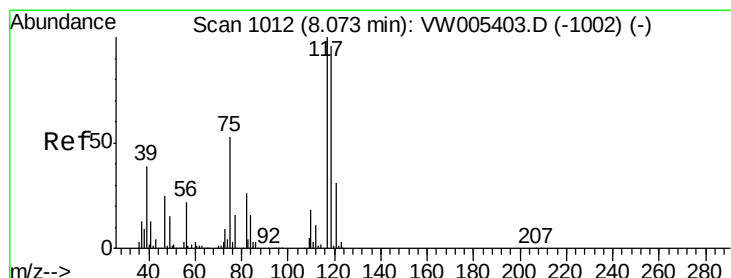
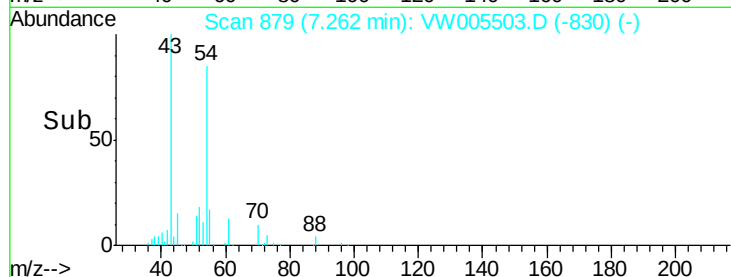
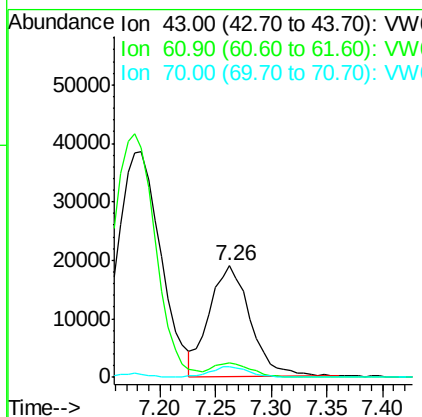
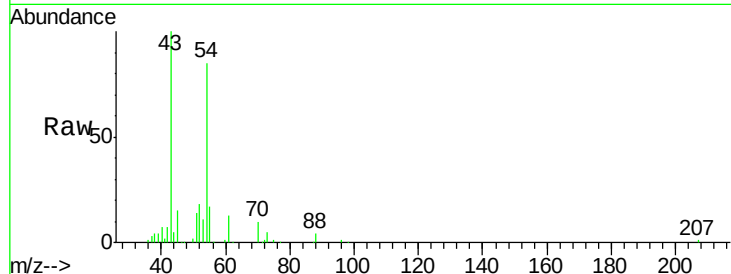
#37
Ethyl Acetate
Concen: 26.47 ug/l
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: VW005503.D
Acq: 19 Sep 2018 03:40

Instrument :
MSVOA_W
ClientSampleID :
VW0918SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.4	11.3	16.9
70	9.4	8.2	12.4

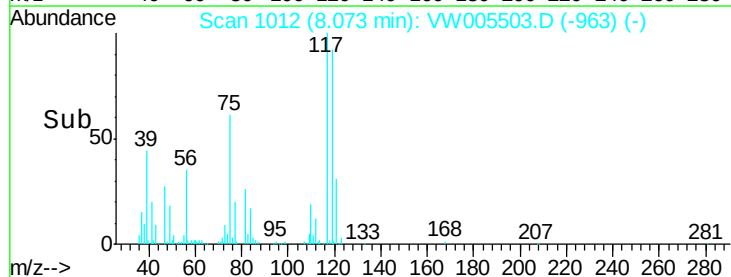
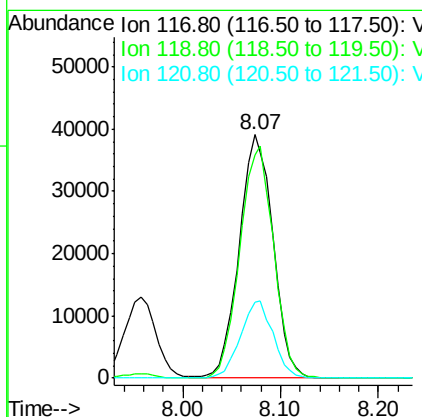
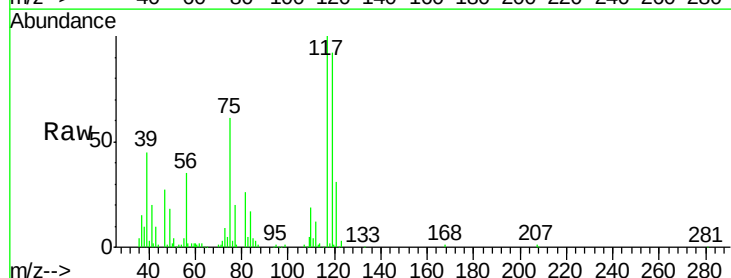
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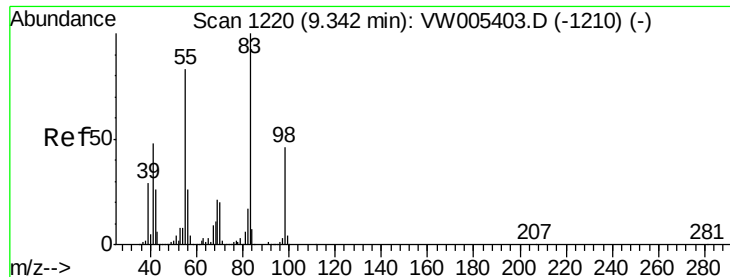
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#38
Carbon Tetrachloride
Concen: 20.08 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW005503.D
Acq: 19 Sep 2018 03:40

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.8	76.8	115.2
121	31.2	24.7	37.1





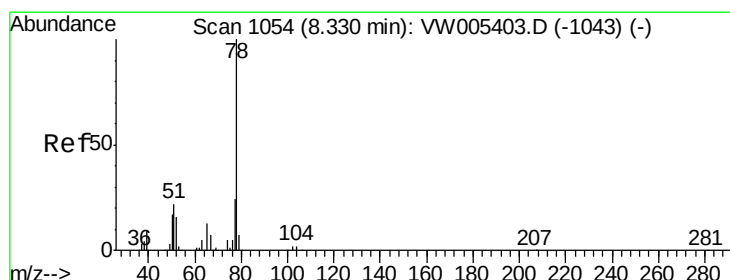
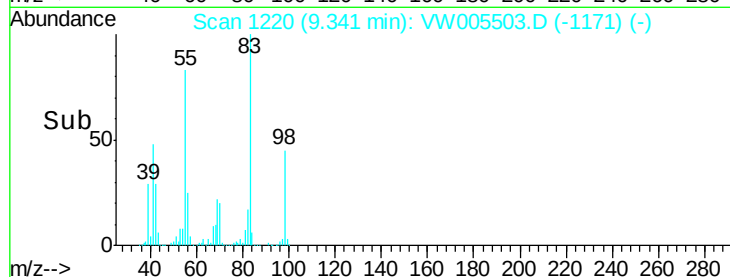
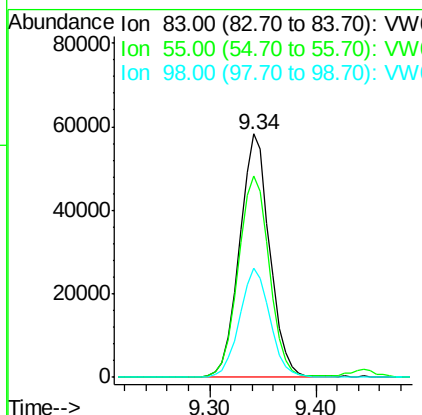
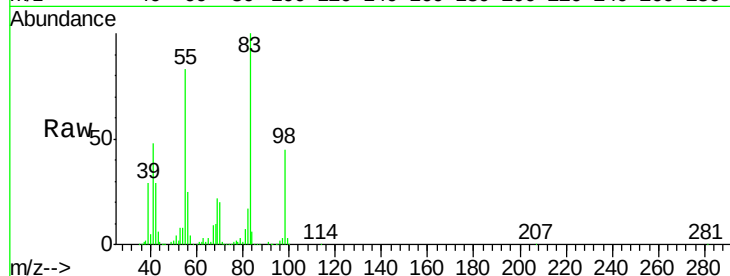
#39
Methylvlcyclohexane
Concen: 22.16 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW005503.D
Acq: 19 Sep 2018 03:40

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS02

Tot Ion:	83	Resp:	116089
Ion Ratio	Lower	Upper	
83	100		
55	82.8	66.1	99.1
98	44.7	36.7	55.1

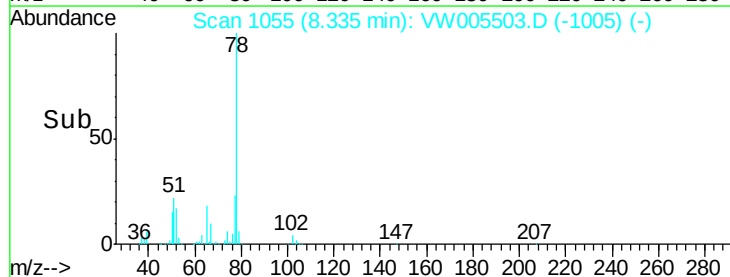
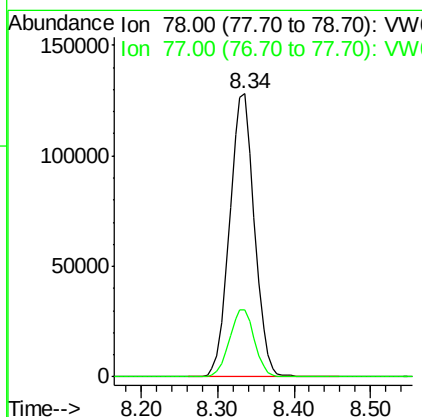
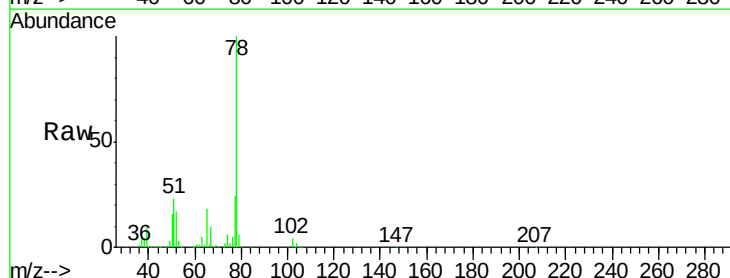
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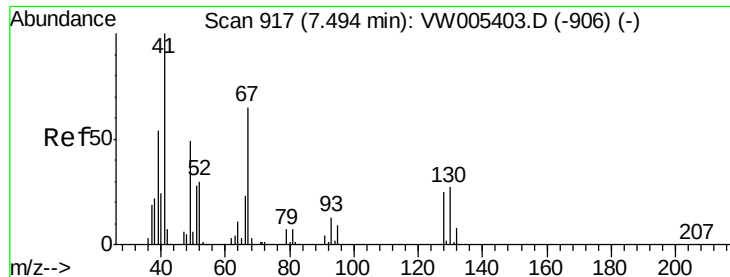
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#40
Benzene
Concen: 21.95 ug/l
RT: 8.34 min Scan# 1055
Delta R.T. 0.01 min
Lab File: VW005503.D
Acq: 19 Sep 2018 03:40

Tgt Ion:	78	Resp:	286614
Ion Ratio	Lower	Upper	
78	100		
77	23.5	19.3	28.9





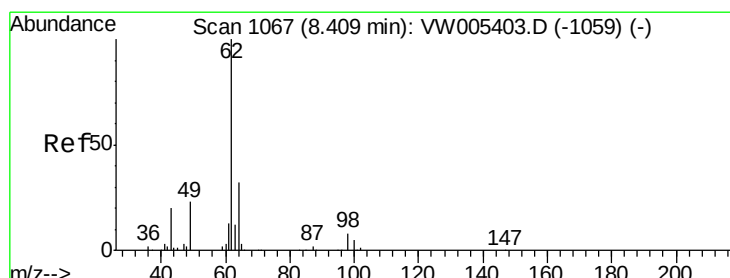
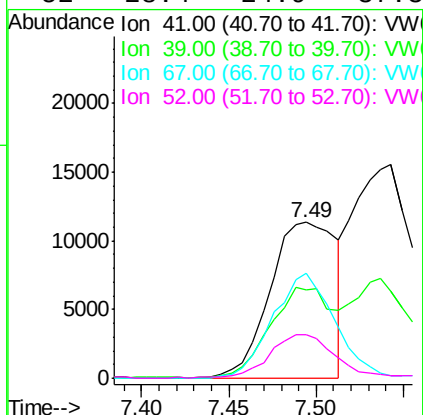
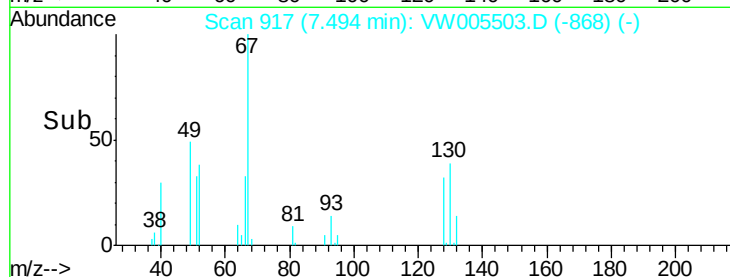
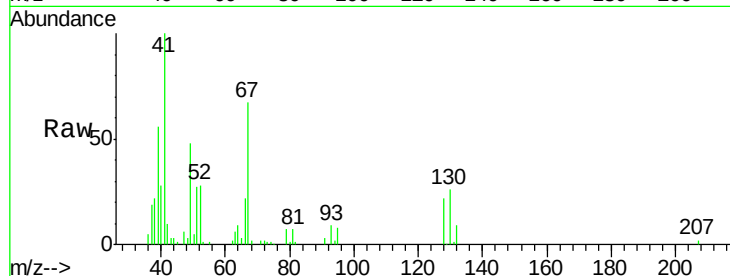
#41
Methacrylonitrile
Concen: 27.03 ug/l
RT: 7.49 min Scan# 917
Delta R.T. -0.00 min
Lab File: VW005503.D
Acq: 19 Sep 2018 03:40

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBSD02

Tot Ion	Ratio	Lower	Upper
41	100		
39	55.4	44.6	67.0
67	64.2	53.6	80.4
52	28.4	24.9	37.3

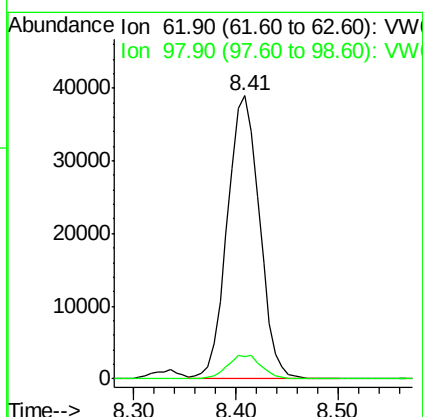
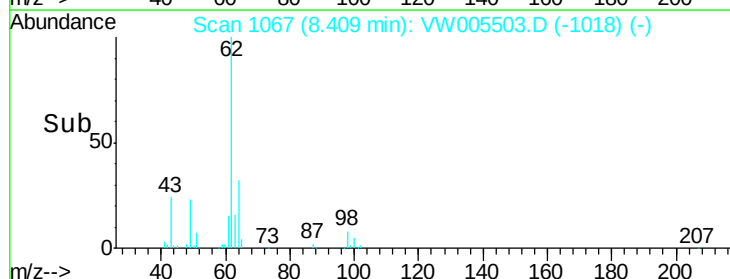
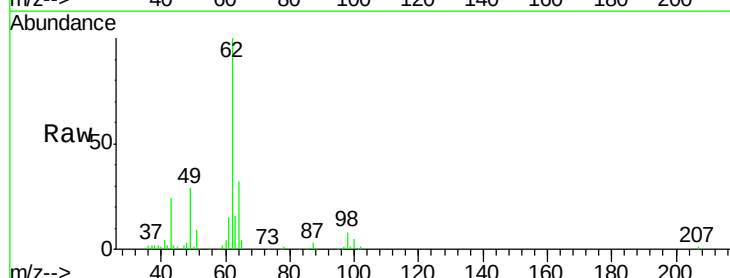
Manual Integrations
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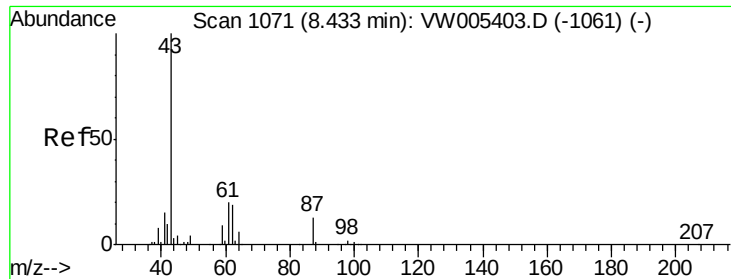
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#42
1,2-Dichloroethane
Concen: 20.83 ug/l
RT: 8.41 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VW005503.D
Acq: 19 Sep 2018 03:40

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	15.6





#43

Isopropyl Acetate

Concen: 25.01 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. -0.00 min

Lab File: VW005503.D

Acq: 19 Sep 2018 03:40

Instrument :

MSVOA_W

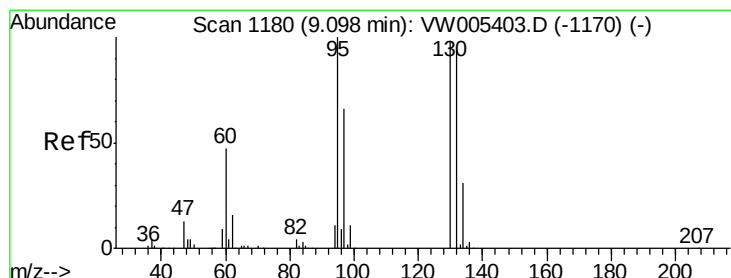
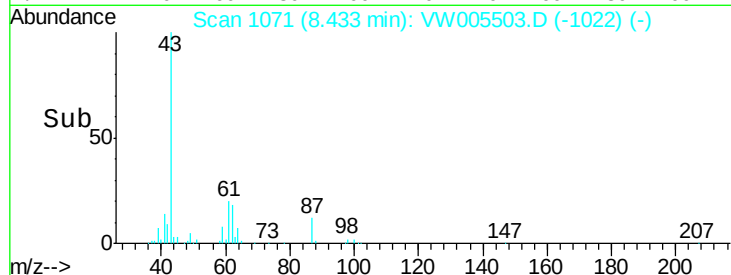
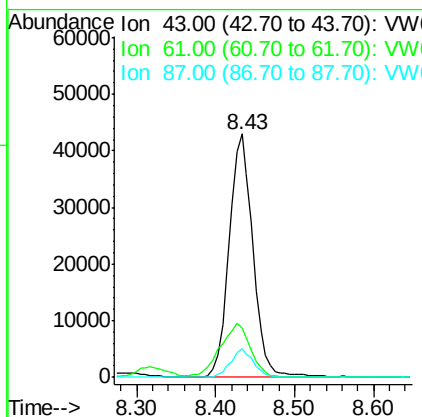
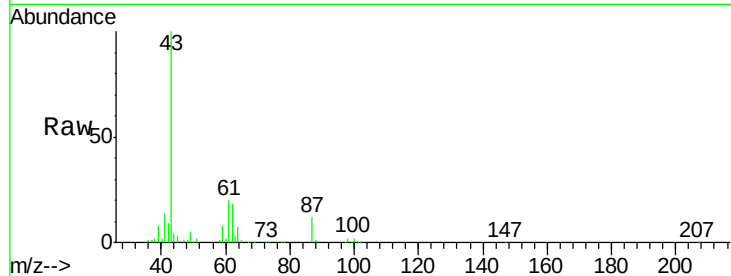
ClientSampleId :

VW0918SBS02

Tot Ion:	43	Resp:	89467
Ion	Ratio	Lower	Upper
43	100		
61	28.7	23.8	35.6
87	11.4	10.1	15.1

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#44

Trichloroethene

Concen: 21.14 ug/l

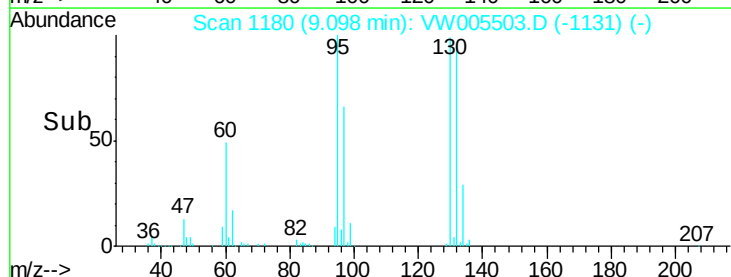
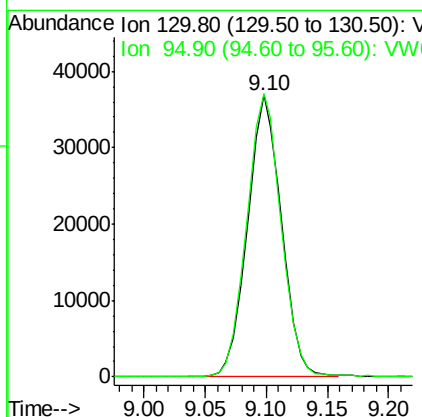
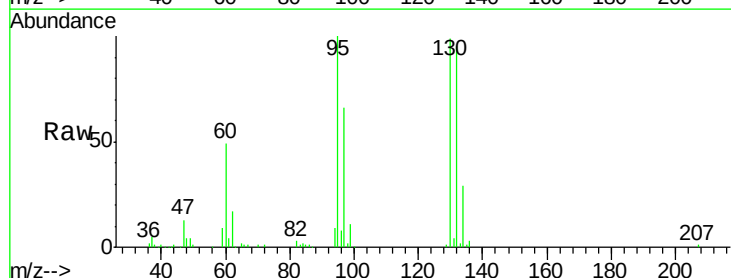
RT: 9.10 min Scan# 1180

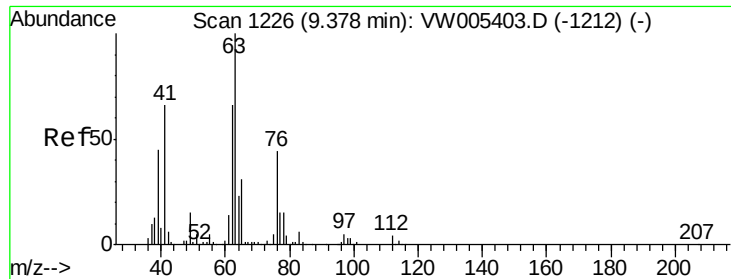
Delta R.T. -0.00 min

Lab File: VW005503.D

Acq: 19 Sep 2018 03:40

Tgt Ion:	130	Resp:	71046
Ion	Ratio	Lower	Upper
130	100		
95	100.5	0.0	204.6





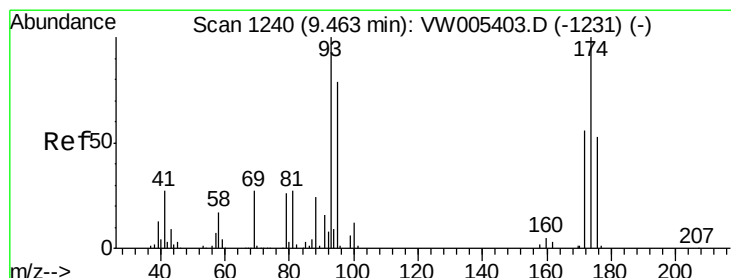
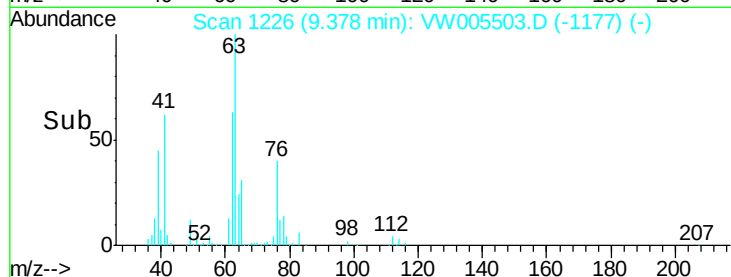
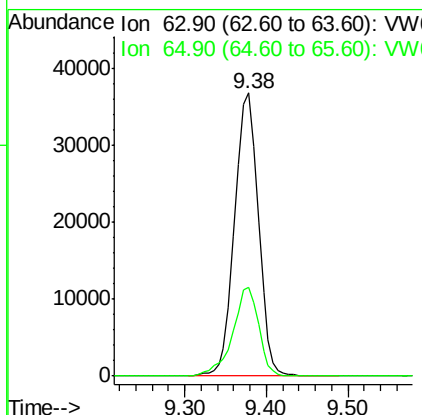
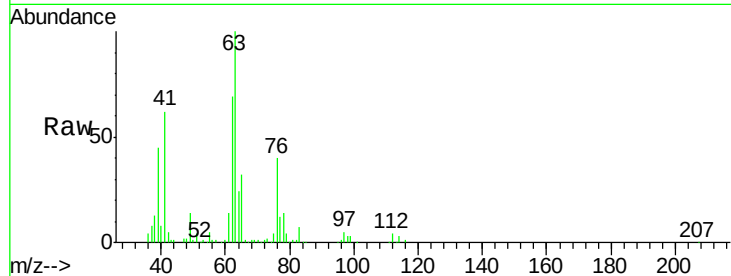
#45
 1,2-Dichloropropane
 Concen: 23.79 ug/l
 RT: 9.38 min Scan# 1226
 Delta R.T. -0.00 min
 Lab File: VW005503.D
 Acq: 19 Sep 2018 03:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS02

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.6	25.0	37.6

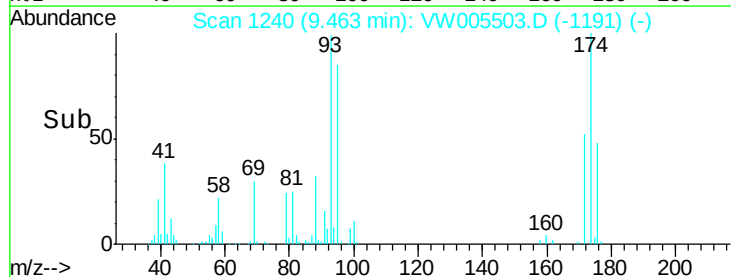
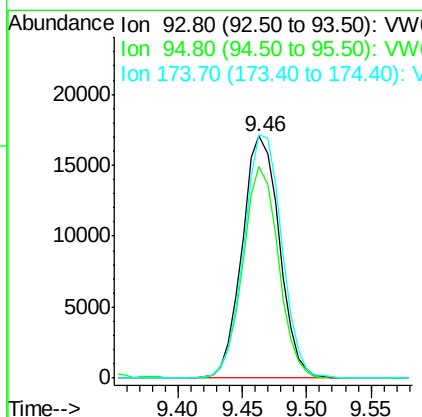
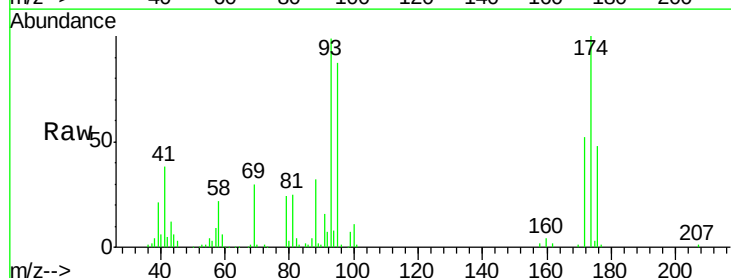
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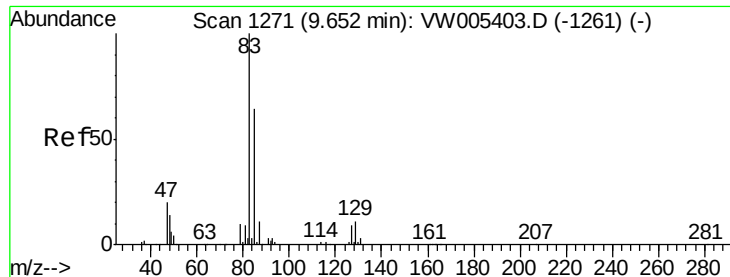
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#46
 Dibromomethane
 Concen: 22.24 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW005503.D
 Acq: 19 Sep 2018 03:40

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.6	65.4	98.0
174	101.9	83.4	125.2





#47

Bromodichloromethane

Concen: 21.86 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VW005503.D

Acq: 19 Sep 2018 03:40

Instrument :

MSVOA_W

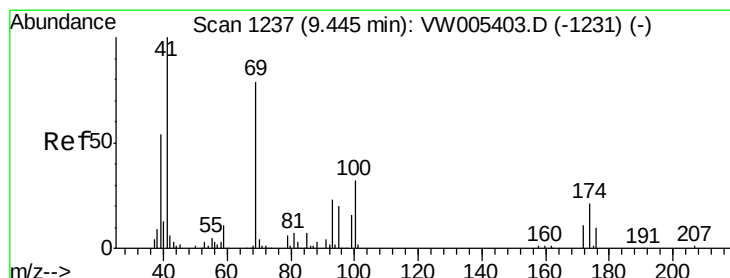
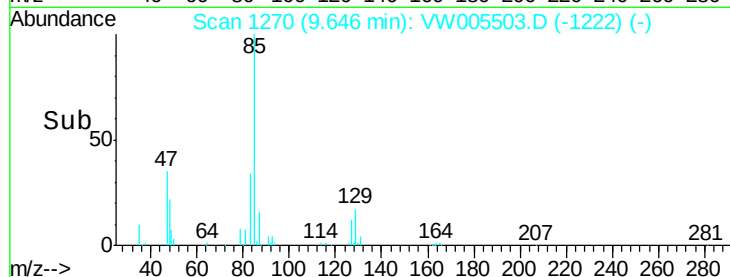
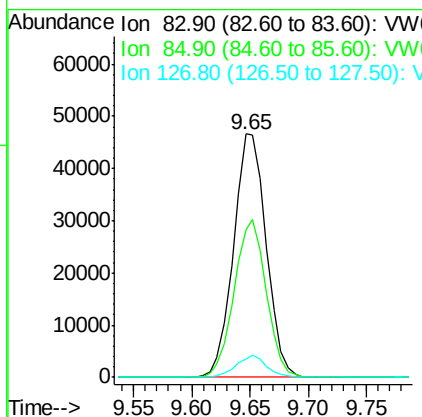
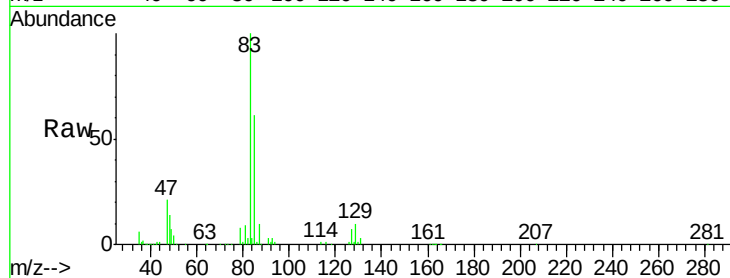
ClientSampleId :

VW0918SBS02

Tot Ion:	83	Resp:	90900
Ion	Ratio	Lower	Upper
83	100		
85	60.7	50.9	76.3
127	7.5	7.0	10.4

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#48

Methyl methacrylate

Concen: 24.98 ug/l

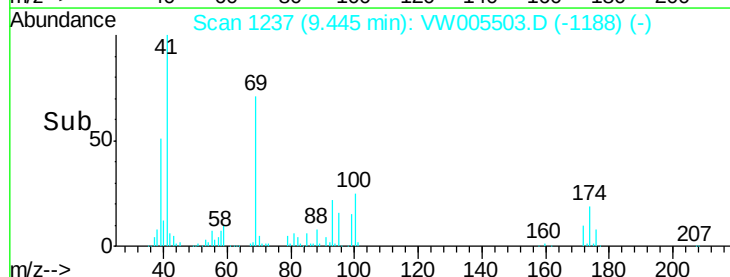
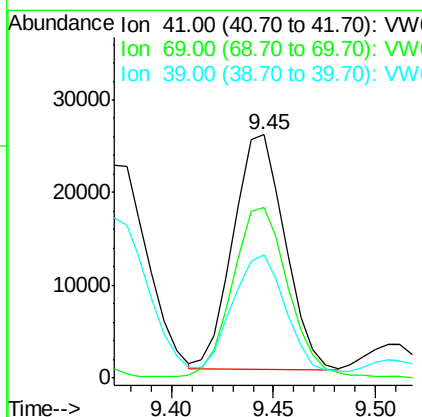
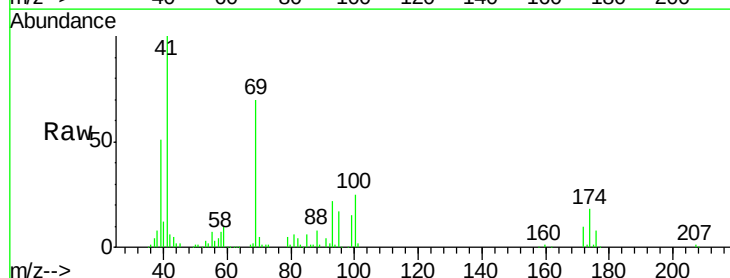
RT: 9.45 min Scan# 1237

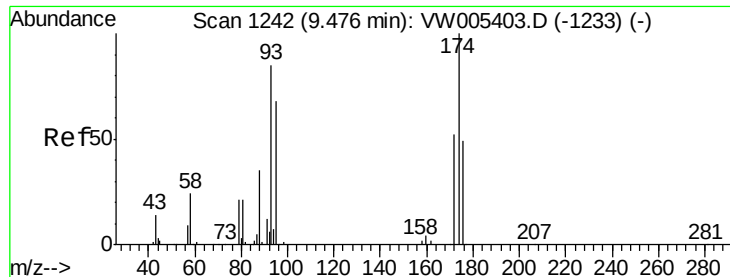
Delta R.T. -0.00 min

Lab File: VW005503.D

Acq: 19 Sep 2018 03:40

Tgt Ion:	41	Resp:	44608
Ion	Ratio	Lower	Upper
41	100		
69	79.9	67.5	101.3
39	57.3	45.5	68.3





#49

1,4-Dioxane

Concen: 463.70 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VW005503.D

Acq: 19 Sep 2018 03:40

Instrument :

MSVOA_W

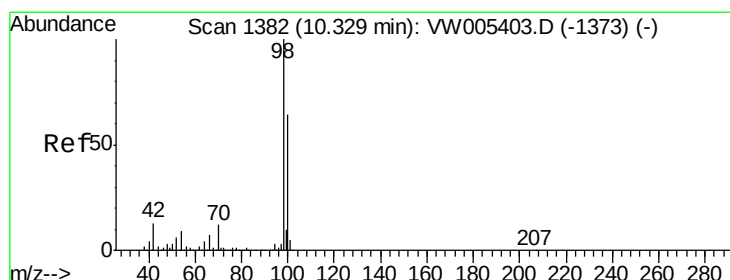
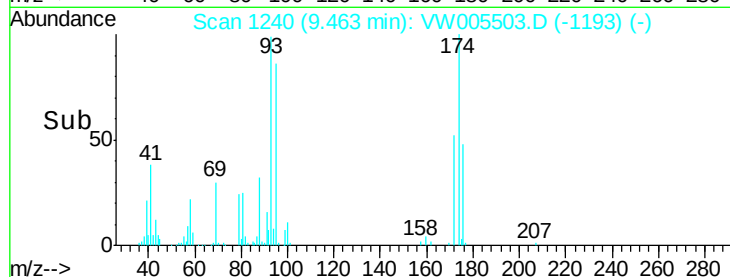
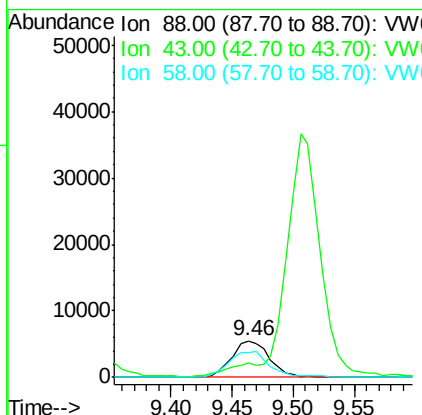
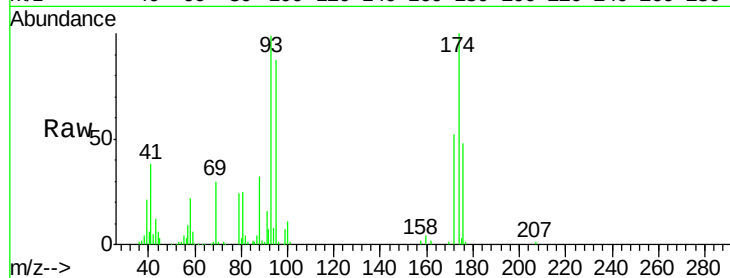
ClientSampleId :

VW0918SBS02

Tot Ion:	88	Resp:	11861
Ion Ratio	Lower	Upper	
88	100		
43	0.0	0.0	0.0
58	78.3	62.4	93.6

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#50

Toluene-d8

Concen: 50.84 ug/l

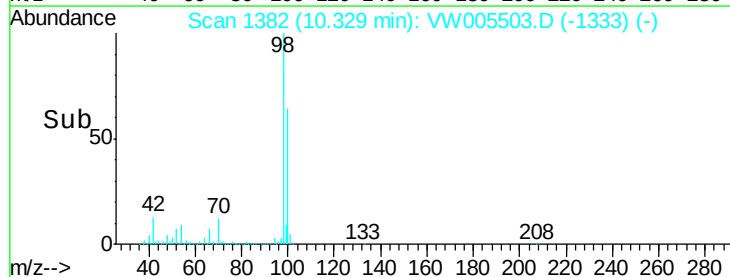
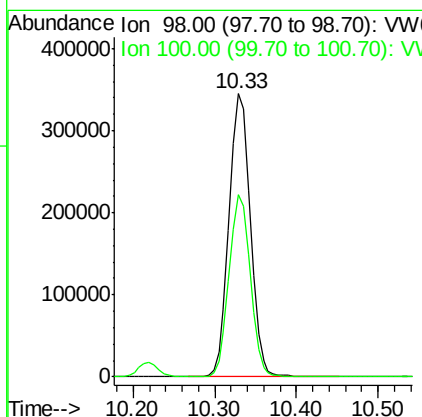
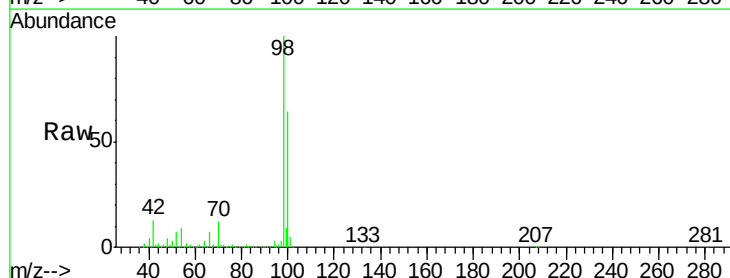
RT: 10.33 min Scan# 1382

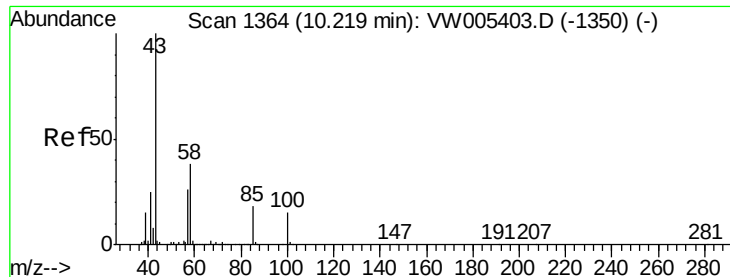
Delta R.T. -0.00 min

Lab File: VW005503.D

Acq: 19 Sep 2018 03:40

Tgt Ion:	98	Resp:	621789
Ion Ratio	Lower	Upper	
98	100		
100	64.3	51.4	77.0





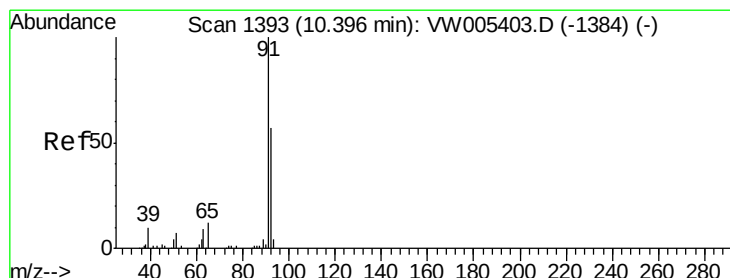
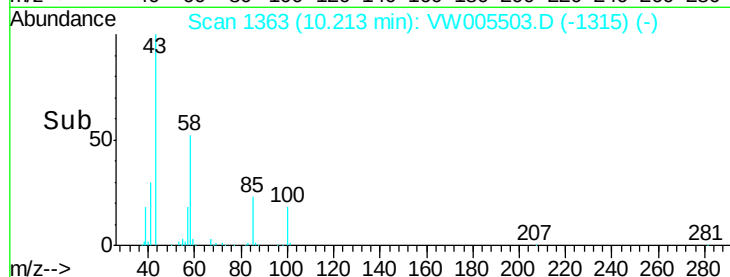
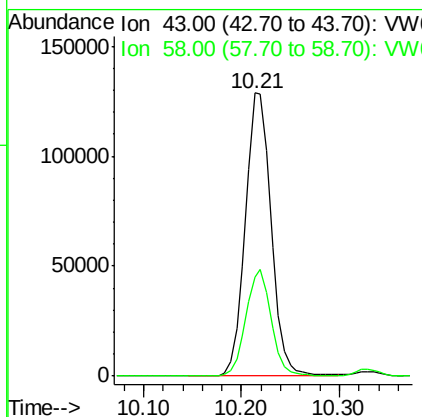
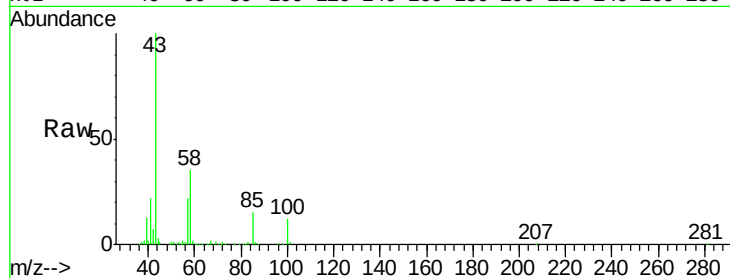
#51
 4-Methyl-2-Pentanone
 Concen: 128.07 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.01 min
 Lab File: VW005503.D
 Acq: 19 Sep 2018 03:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
58	36.6	29.9	44.9

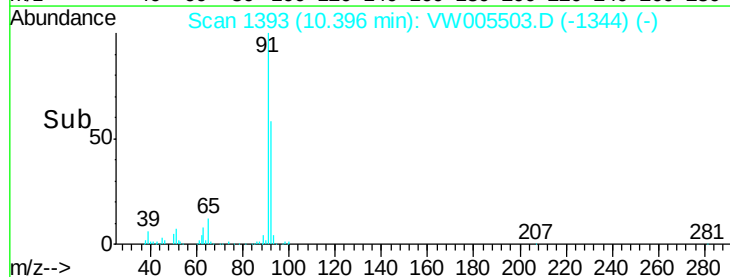
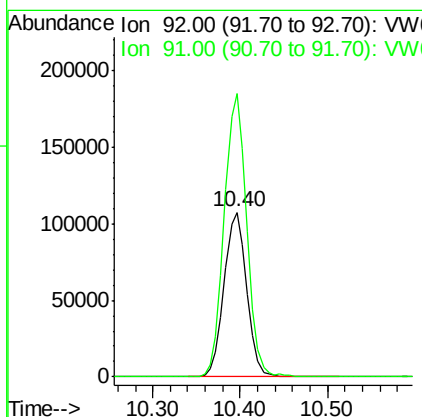
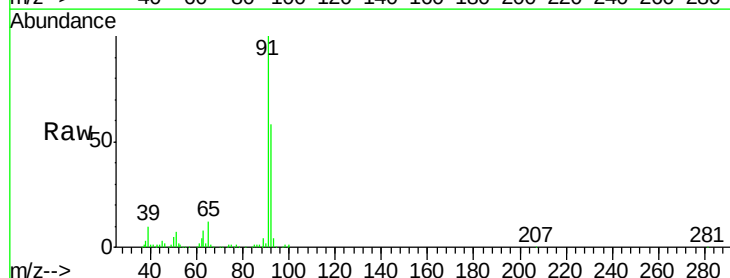
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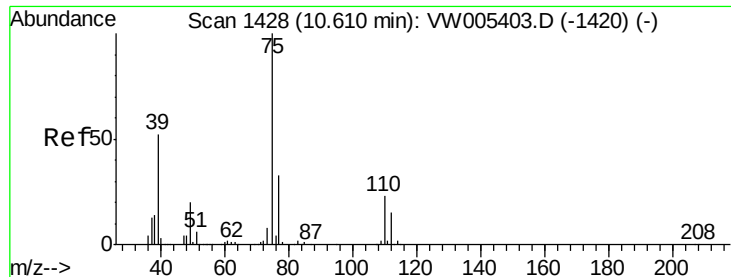
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#52
 Toluene
 Concen: 21.79 ug/l
 RT: 10.40 min Scan# 1393
 Delta R.T. -0.00 min
 Lab File: VW005503.D
 Acq: 19 Sep 2018 03:40

Tgt Ion	Ratio	Lower	Upper
92	100		
91	171.3	139.1	208.7





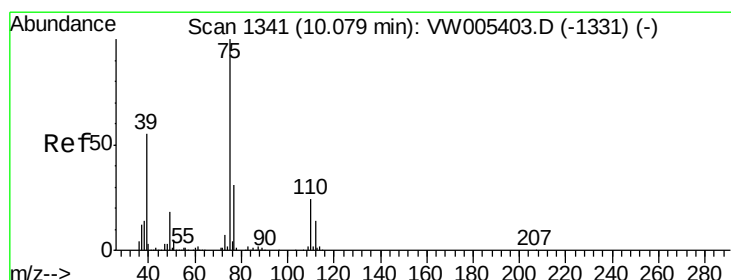
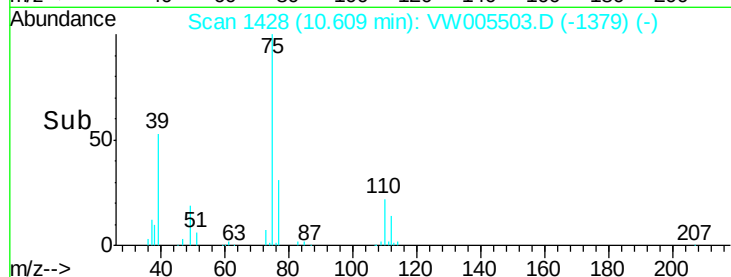
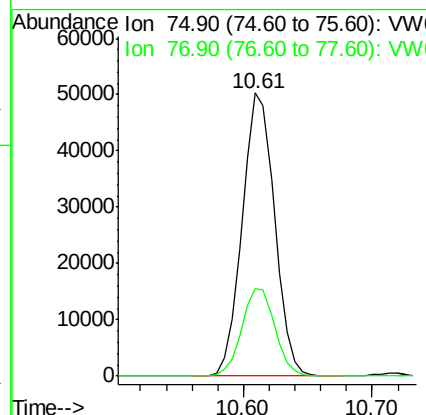
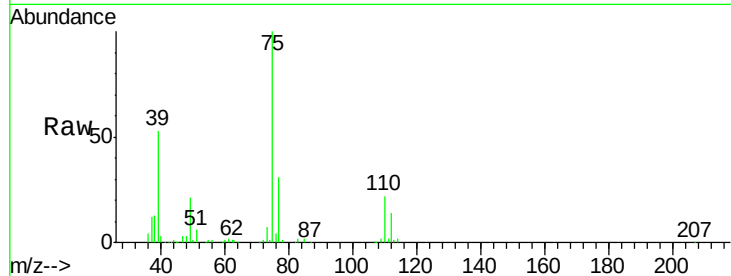
#53
 t-1,3-Dichloropropene
 Concen: 21.02 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: VW005503.D
 Acq: 19 Sep 2018 03:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBSD02

Tot Ion: 75 Resp: 87465
 Ion Ratio Lower Upper
 75 100
 77 30.9 26.5 39.7

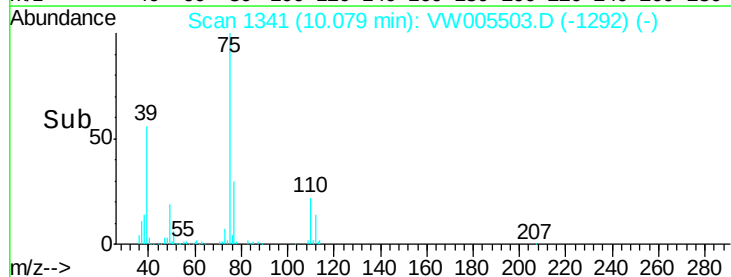
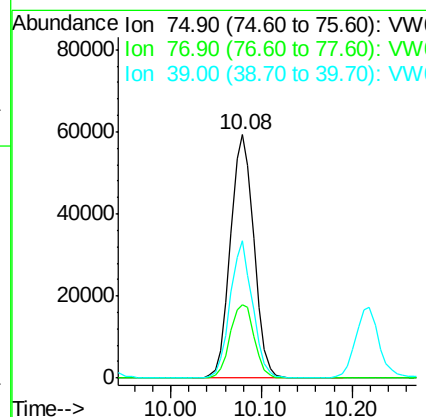
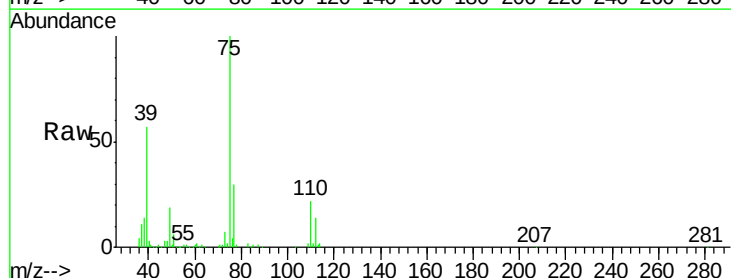
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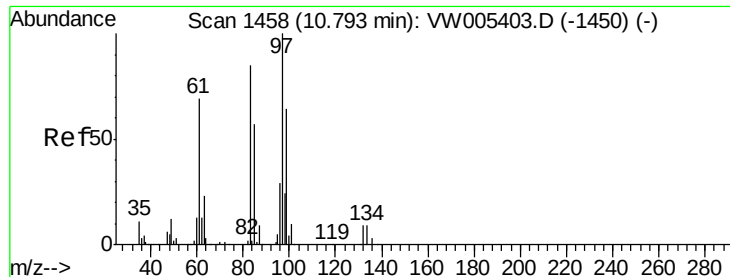
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#54
 cis-1,3-Dichloropropene
 Concen: 22.58 ug/l
 RT: 10.08 min Scan# 1341
 Delta R.T. -0.00 min
 Lab File: VW005503.D
 Acq: 19 Sep 2018 03:40

Tgt Ion: 75 Resp: 106391
 Ion Ratio Lower Upper
 75 100
 77 30.1 25.0 37.4
 39 56.4 44.2 66.2





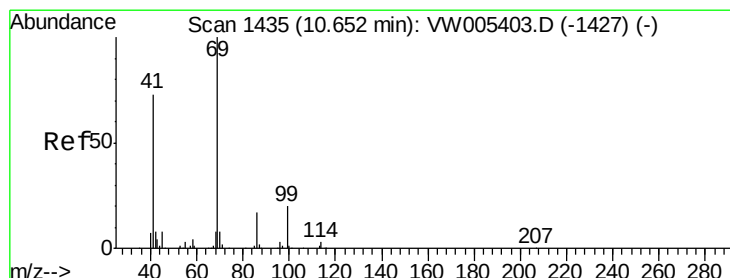
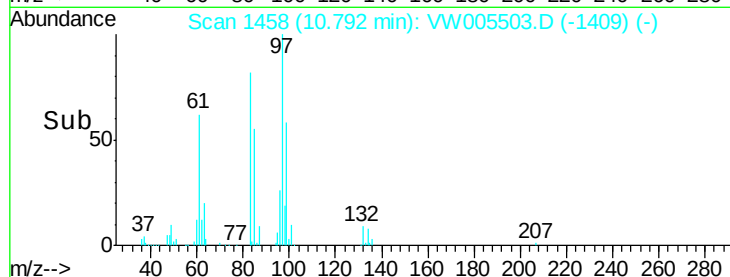
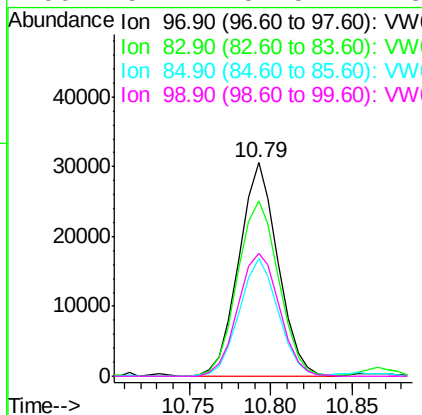
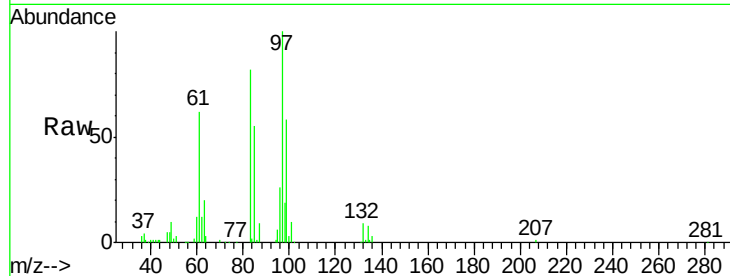
#55
 1,1,2-Trichloroethane
 Concen: 22.26 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005503.D
 Acq: 19 Sep 2018 03:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS02

Tot Ion:	97	Resp:	50767
Ion	Ratio	Lower	Upper
97	100		
83	82.1	67.8	101.8
85	54.9	45.4	68.0
99	57.7	51.5	77.3

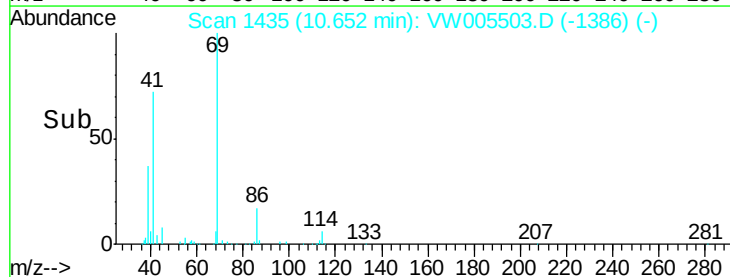
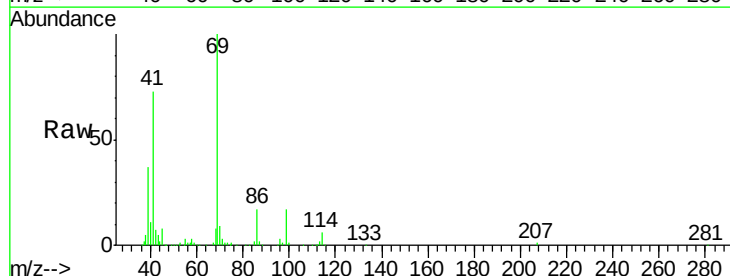
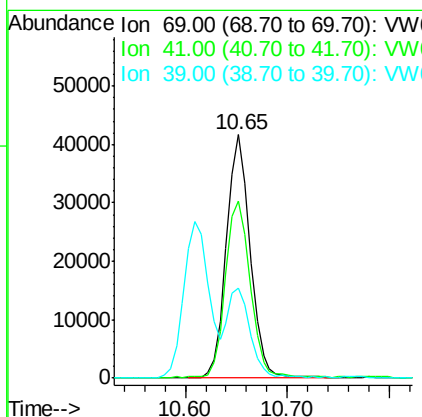
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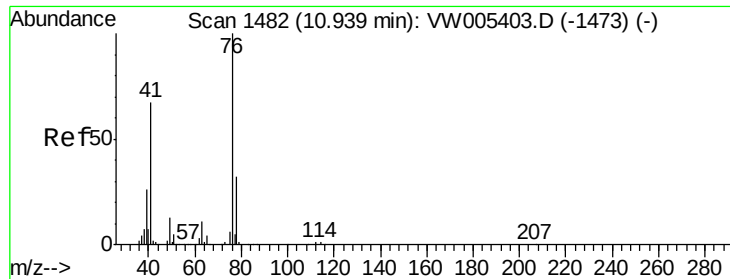
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#56
 Ethyl methacrylate
 Concen: 23.29 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW005503.D
 Acq: 19 Sep 2018 03:40

Tgt Ion:	69	Resp:	67233
Ion	Ratio	Lower	Upper
69	100		
41	75.3	59.3	88.9
39	35.7	30.2	45.4





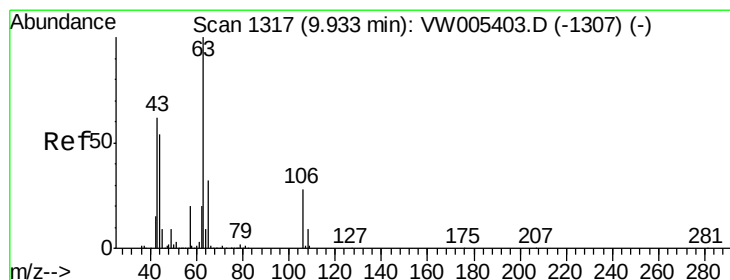
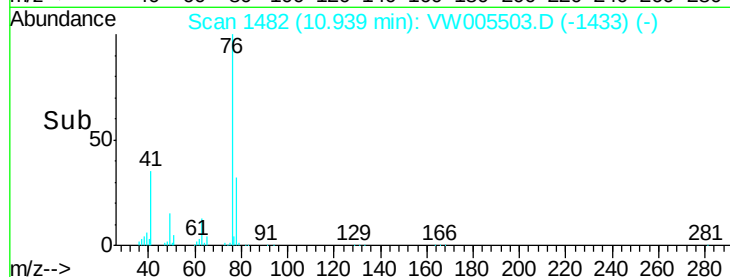
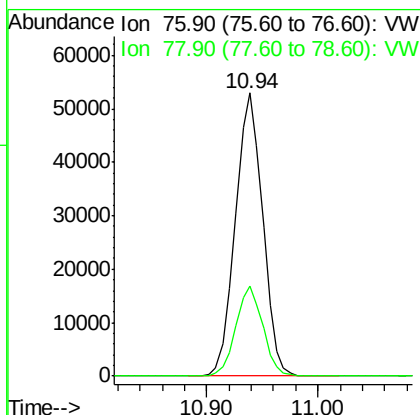
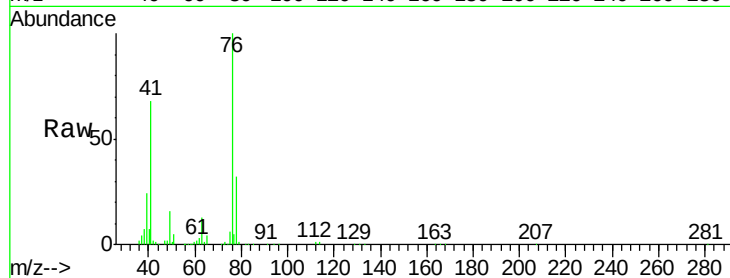
#57
 1,3-Dichloropropane
 Concen: 22.83 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: VW005503.D
 Acq: 19 Sep 2018 03:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBSD02

Tot Ion: 76 Resp: 89892
 Ion Ratio Lower Upper
 76 100
 78 31.4 25.6 38.4

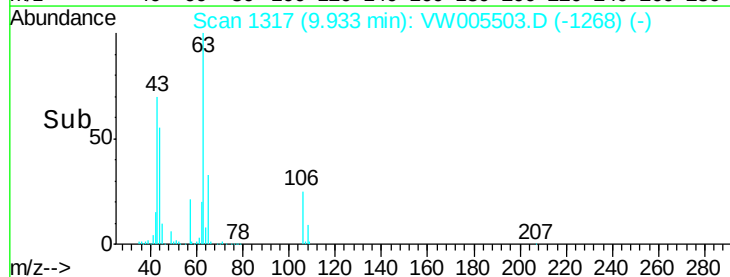
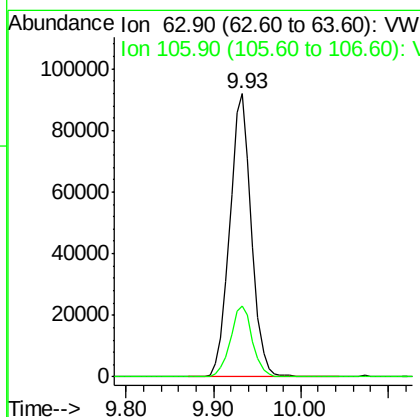
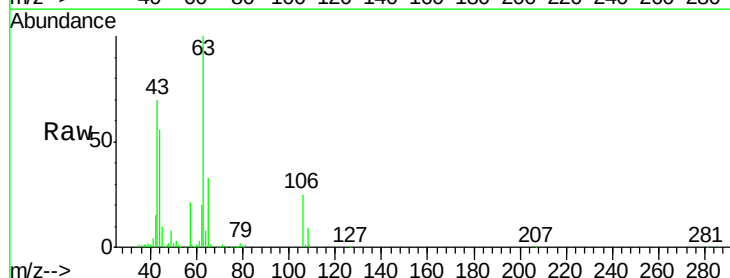
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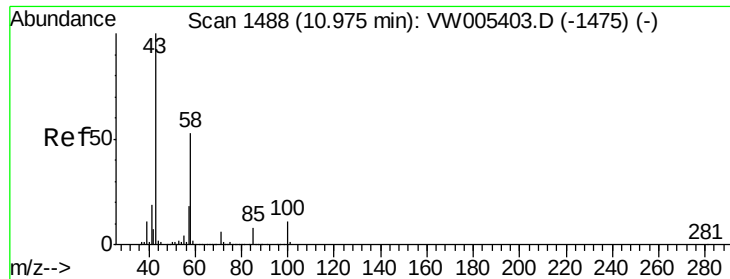
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#58
 2-Chloroethyl Vinyl ether
 Concen: 120.87 ug/l
 RT: 9.93 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VW005503.D
 Acq: 19 Sep 2018 03:40

Tgt Ion: 63 Resp: 157832
 Ion Ratio Lower Upper
 63 100
 106 25.6 22.0 33.0





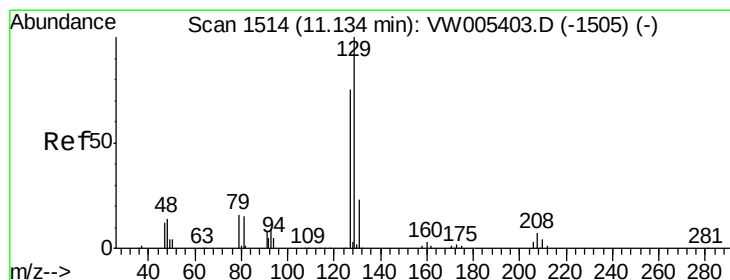
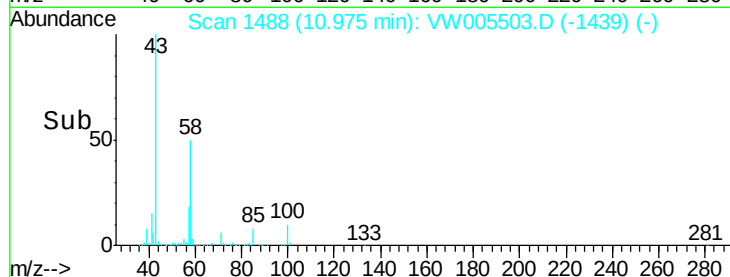
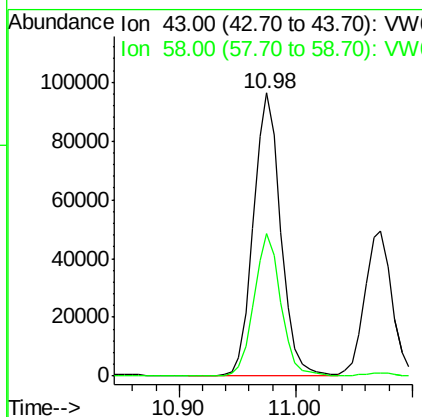
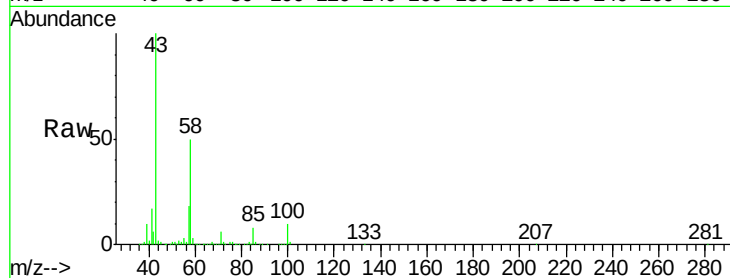
#59
2-Hexanone
Concen: 125.67 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005503.D
Acq: 19 Sep 2018 03:40

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBSD02

Tot Ion	43	Resp	157651
Ion Ratio	43	100	
Lower	58	49.6	25.5
Upper			76.5

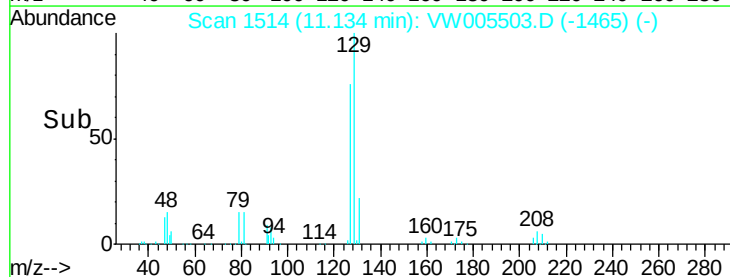
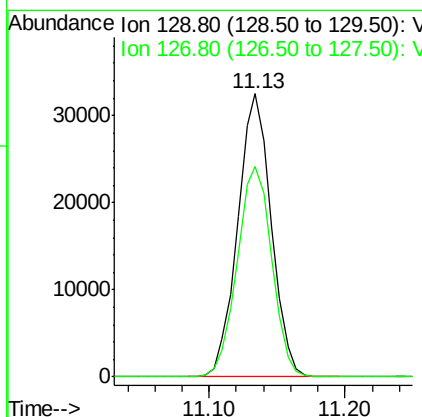
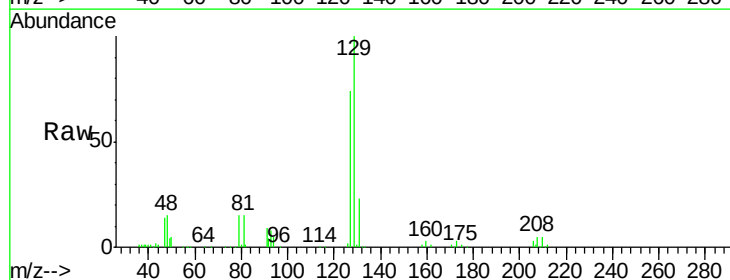
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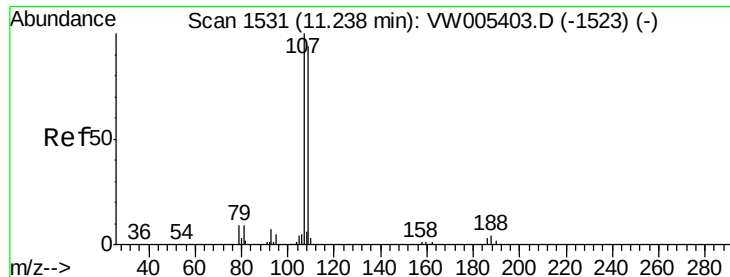
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#60
Dibromochloromethane
Concen: 20.40 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW005503.D
Acq: 19 Sep 2018 03:40

Tgt Ion	129	Resp	55982
Ion Ratio	129	100	
Lower	127	76.5	38.5
Upper			115.3





#61

1,2-Dibromoethane

Concen: 22.15 ug/l

RT: 11.24 min Scan# 1532

Delta R.T. 0.01 min

Lab File: VW005503.D

Acq: 19 Sep 2018 03:40

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBSD02

Tot Ion:107 Resp: 45307

Ion Ratio Lower Upper

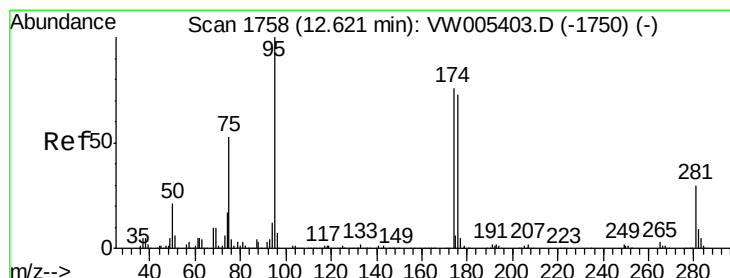
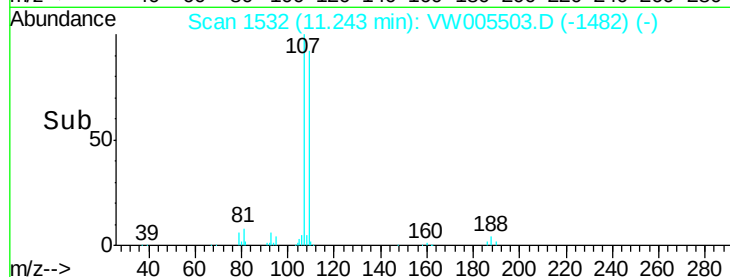
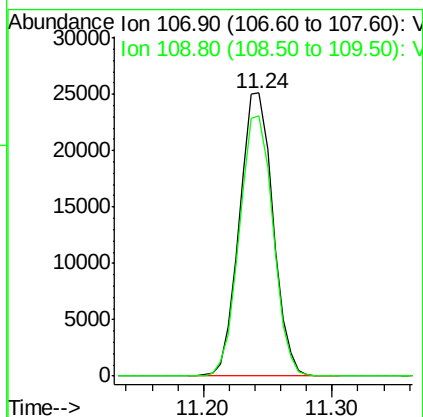
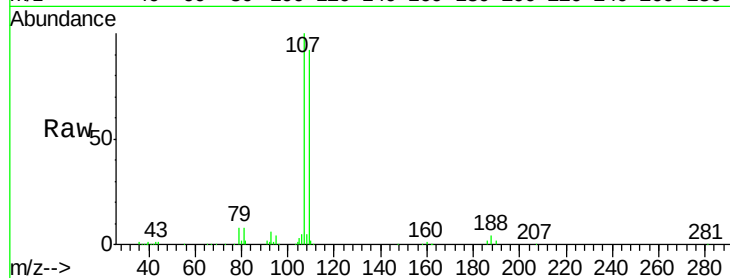
107 100

109 92.2 75.0 112.6

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#62

4-Bromofluorobenzene

Concen: 51.41 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW005503.D

Acq: 19 Sep 2018 03:40

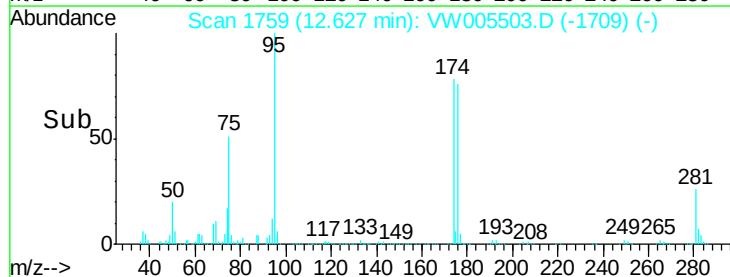
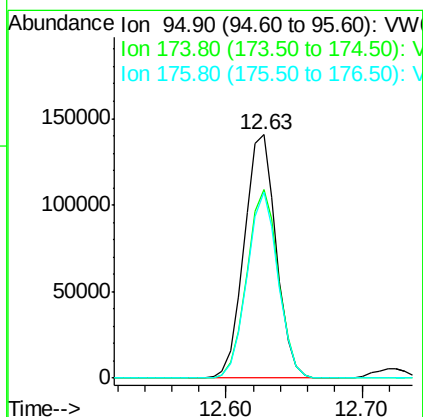
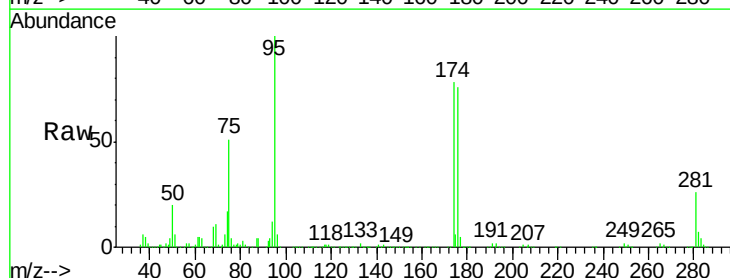
Tgt Ion: 95 Resp: 230526

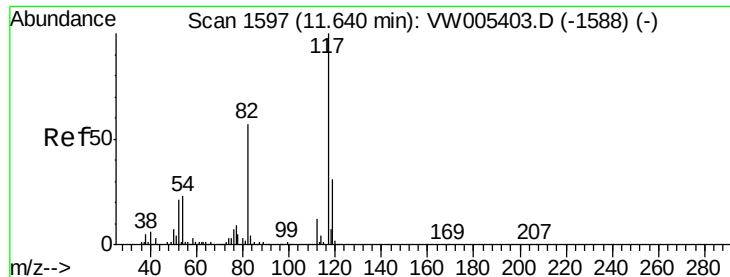
Ion Ratio Lower Upper

95 100

174 76.7 0.0 161.2

176 74.5 0.0 156.6





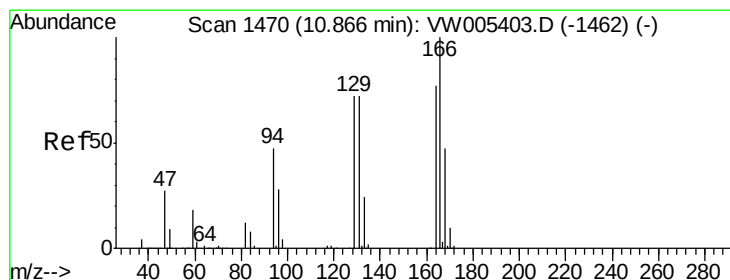
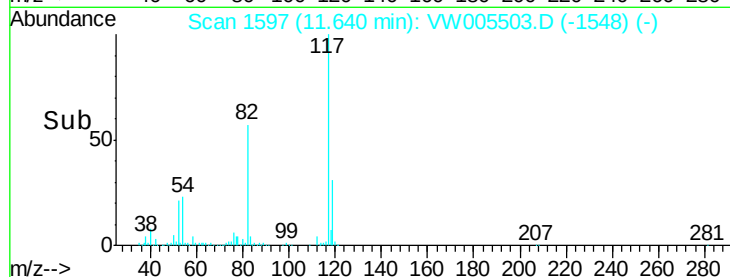
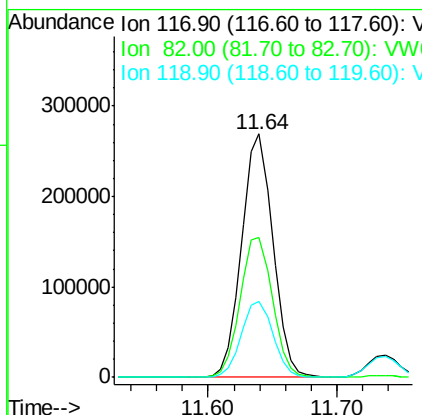
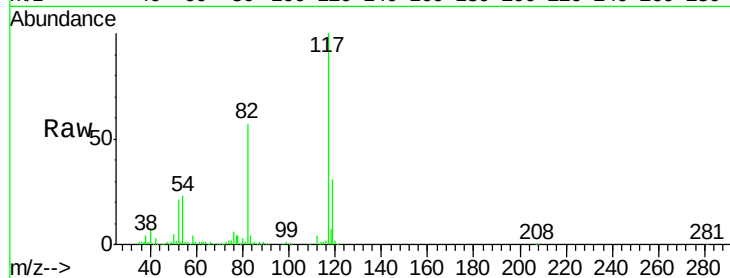
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005503.D
Acq: 19 Sep 2018 03:40

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBSD02

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.4	45.9	68.9
119	31.1	24.8	37.2

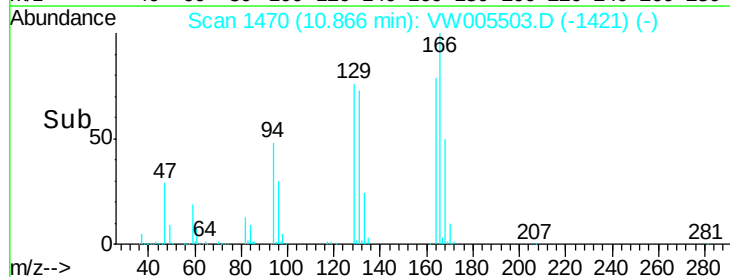
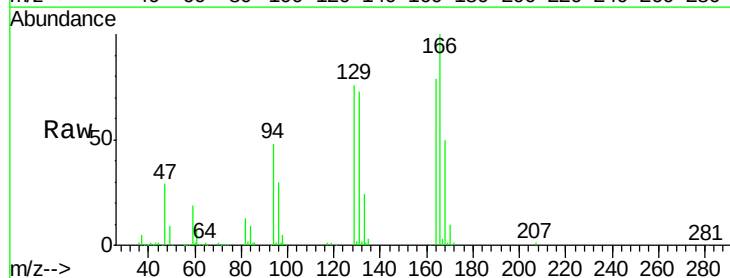
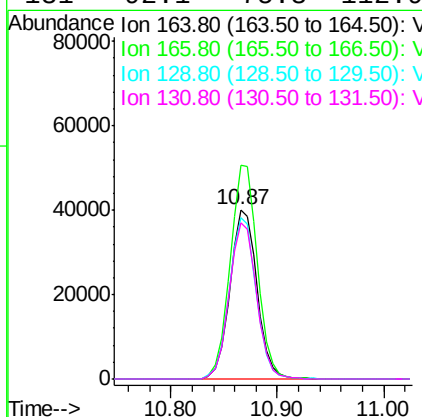
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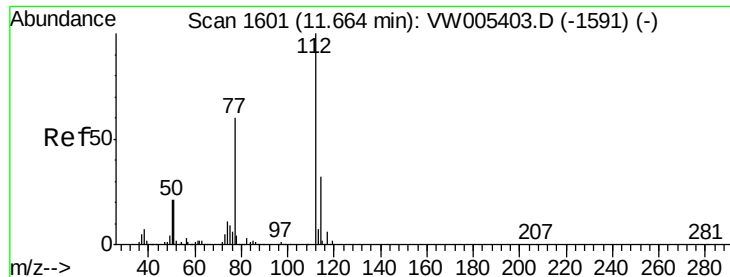
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#64
Tetrachloroethene
Concen: 21.38 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005503.D
Acq: 19 Sep 2018 03:40

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.1	104.0	156.0
129	95.4	74.9	112.3
131	92.1	75.3	112.9





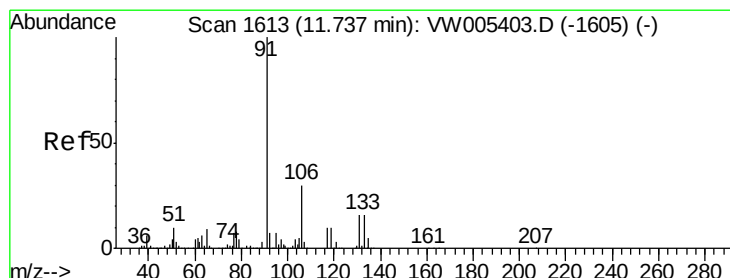
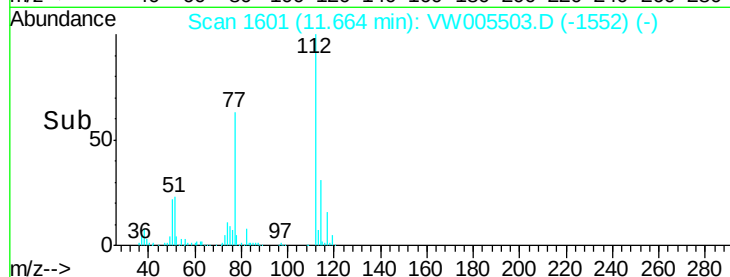
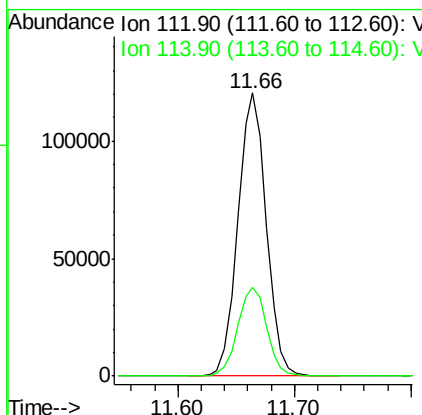
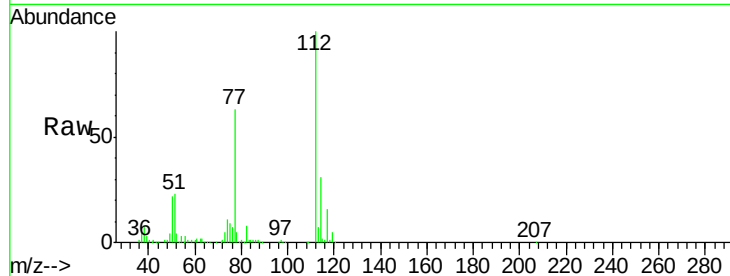
#65
Chlorobenzene
Concen: 21.21 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW005503.D
Acq: 19 Sep 2018 03:40

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBSD02

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.5	25.3	37.9

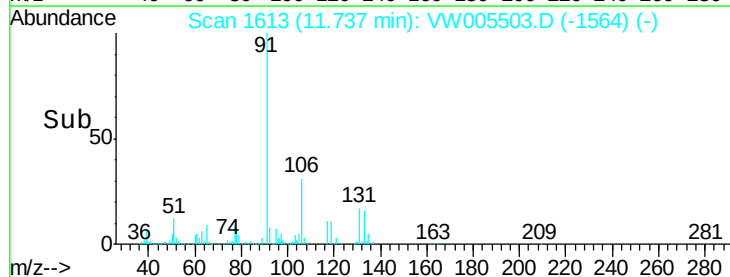
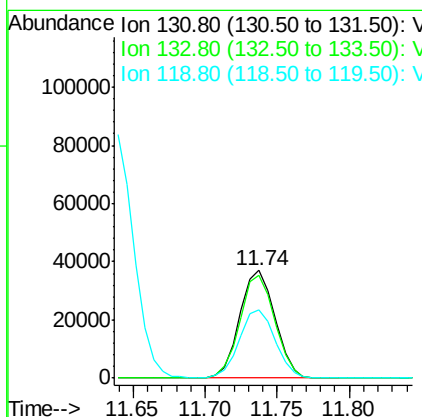
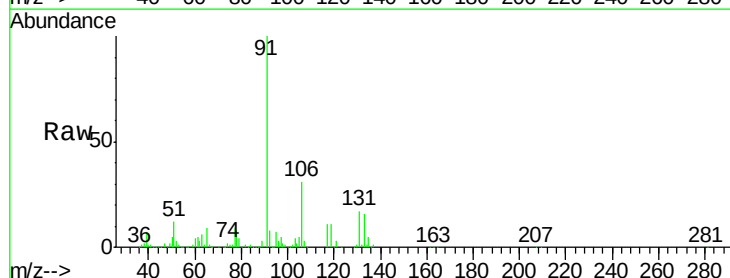
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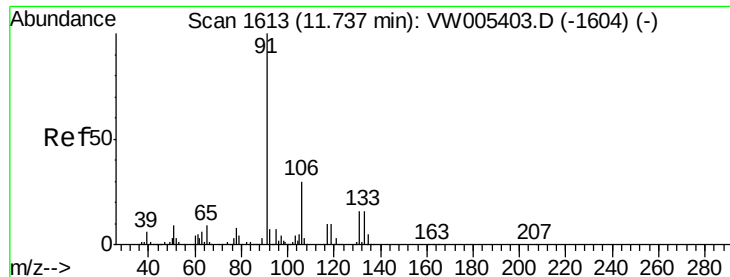
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.48 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005503.D
Acq: 19 Sep 2018 03:40

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.3	47.3	141.9
119	64.7	31.1	93.5





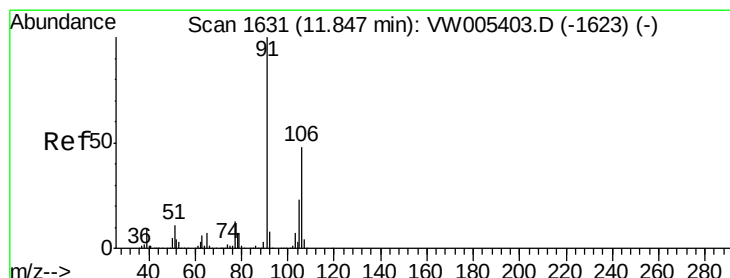
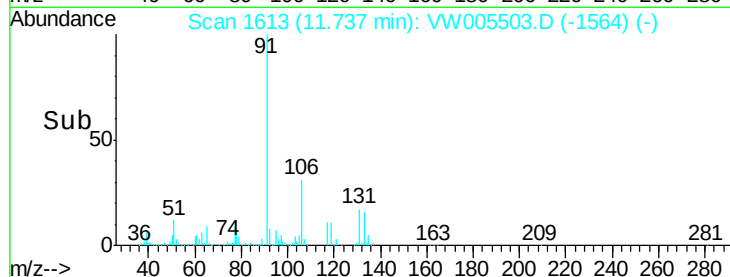
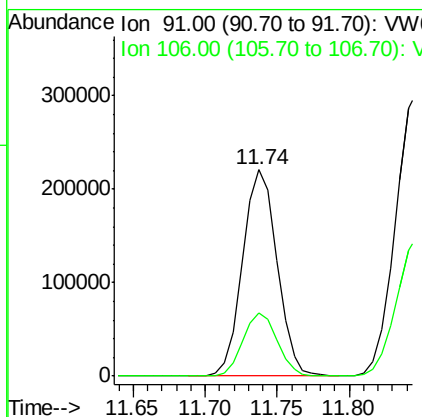
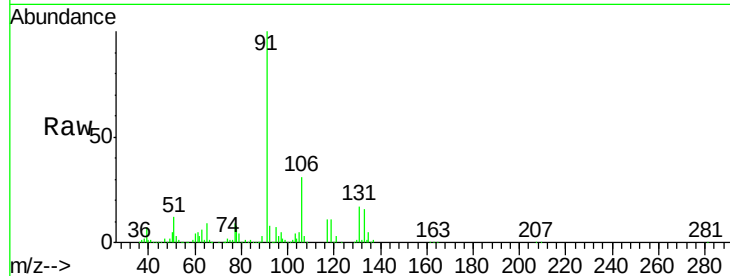
#67
Ethyl Benzene
Concen: 21.63 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005503.D
Acq: 19 Sep 2018 03:40

Instrument :
MSVOA_W
ClientSampled :
VW0918SBS02

Tot Ion: 91 Resp: 365885
Ion Ratio Lower Upper
91 100
106 30.5 24.2 36.4

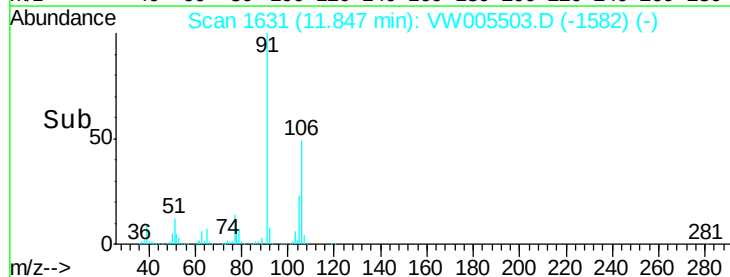
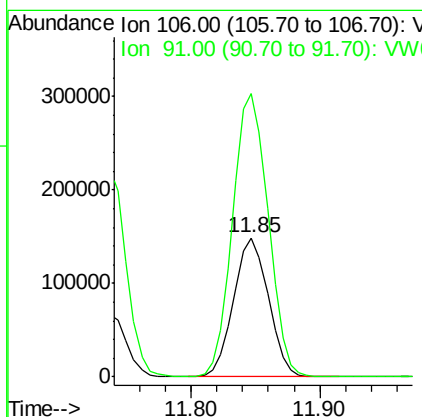
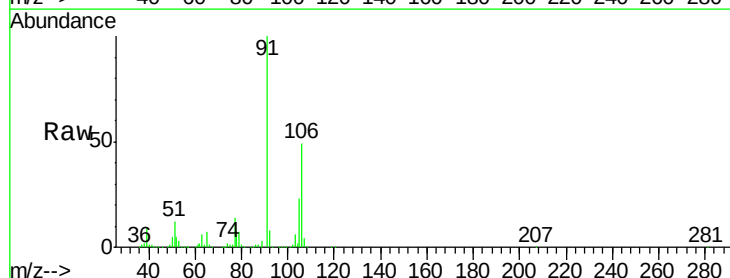
Manual Integrations
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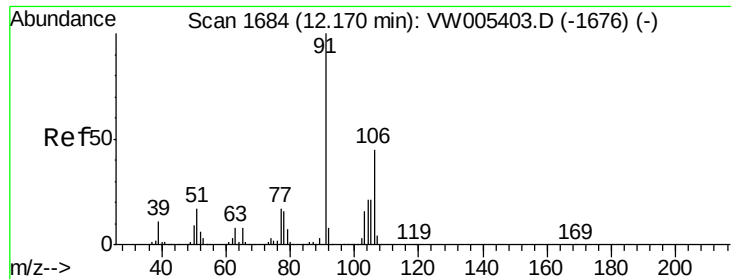
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#68
m/p-Xylenes
Concen: 42.91 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW005503.D
Acq: 19 Sep 2018 03:40

Tgt Ion: 106 Resp: 279401
Ion Ratio Lower Upper
106 100
91 208.1 167.9 251.9





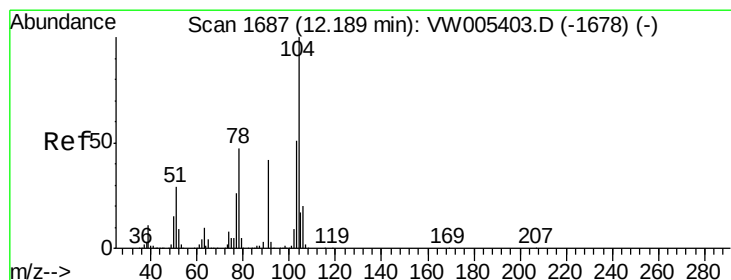
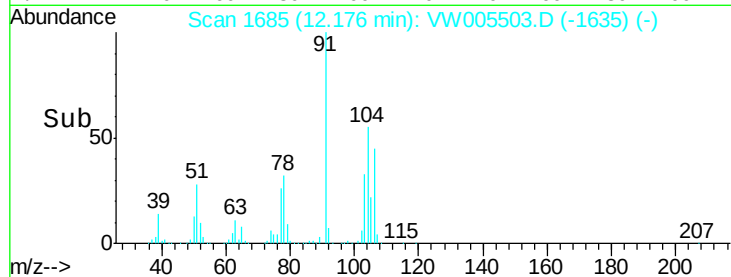
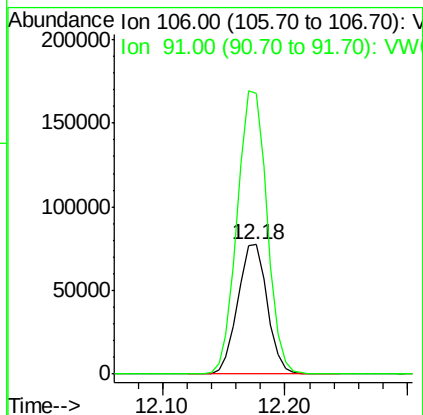
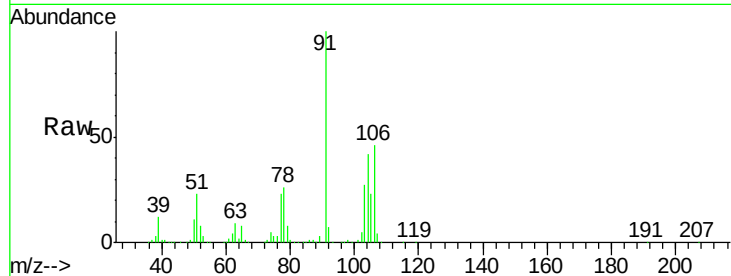
#69
o-Xylene
Concen: 21.44 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. 0.01 min
Lab File: VW005503.D
Acq: 19 Sep 2018 03:40

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS02

Tot Ion	Ratio	Resp	Lower	Upper
106	100	129993		
91	220.1	110.6	331.6	

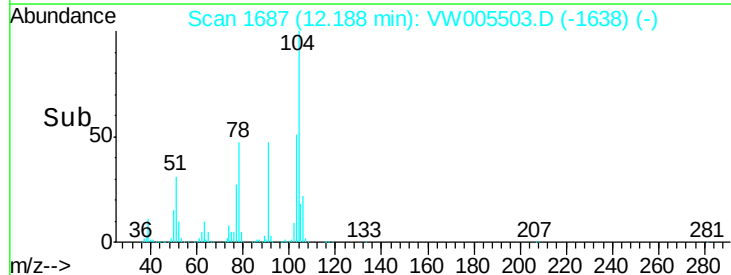
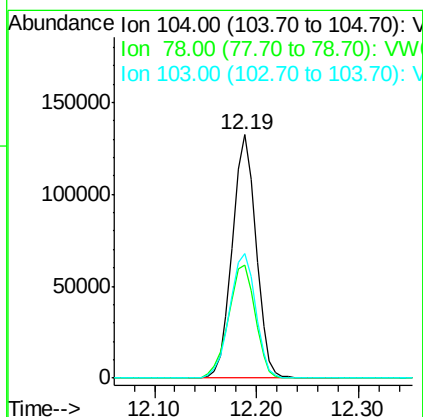
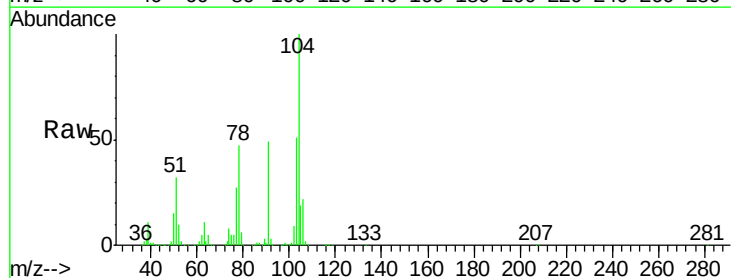
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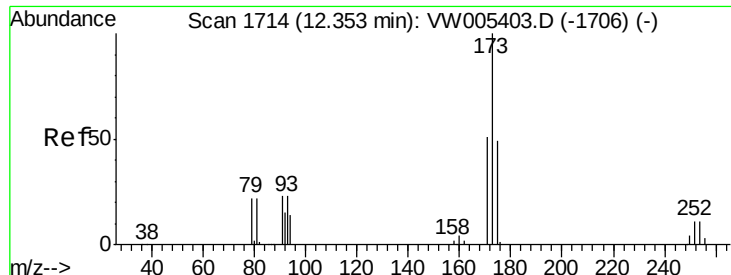
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#70
Styrene
Concen: 21.28 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005503.D
Acq: 19 Sep 2018 03:40

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	212964		
78	52.5	42.4	63.6	
103	56.0	44.8	67.2	





#71

Bromoform

Concen: 20.13 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW005503.D

Acq: 19 Sep 2018 03:40

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBSD02

Tot Ion:173 Resp: 32749

Ion Ratio Lower Upper

173 100

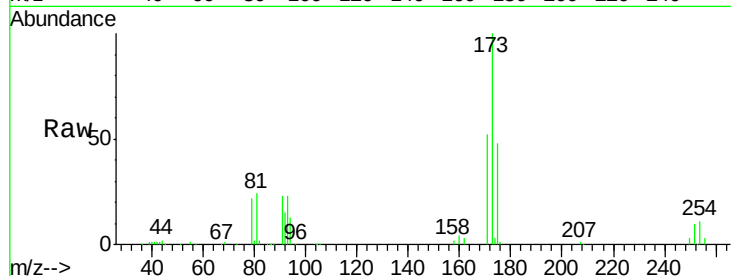
175 47.8 24.2 72.6

254 0.0 0.0 0.0

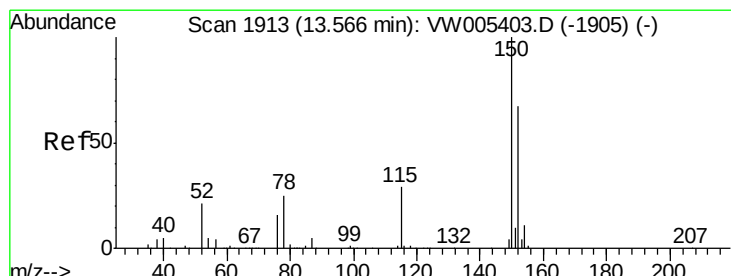
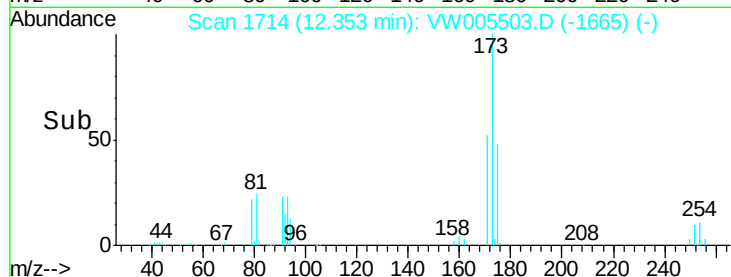
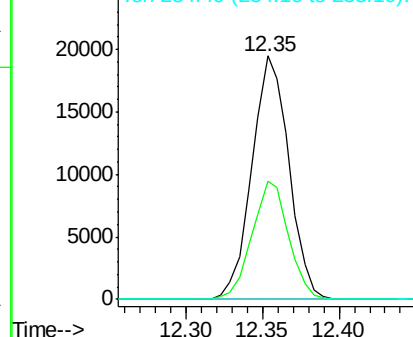
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005503.D

Acq: 19 Sep 2018 03:40

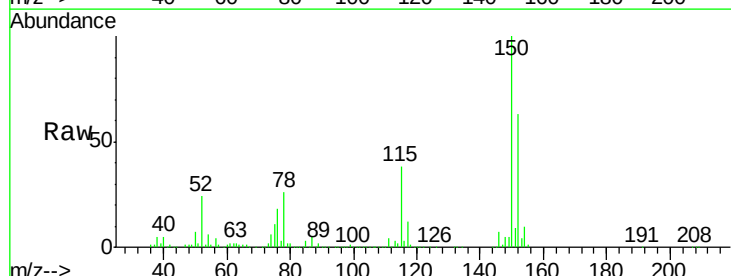
Tgt Ion:152 Resp: 224056

Ion Ratio Lower Upper

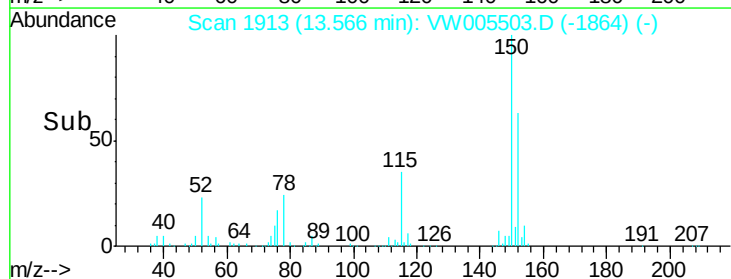
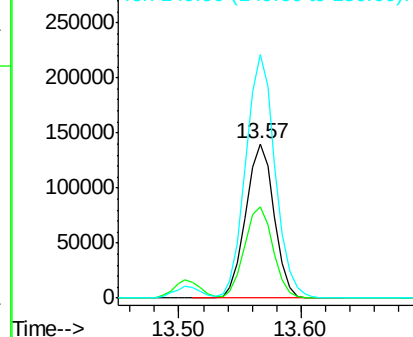
152 100

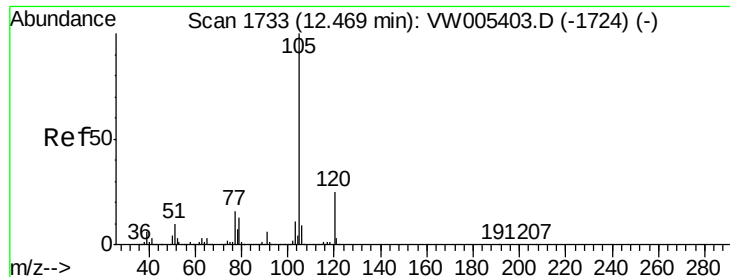
115 59.8 29.5 88.5

150 164.6 0.0 345.6



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





#73

Isopropylbenzene

Concen: 22.53 ug/l

RT: 12.47 min Scan# 1734

Delta R.T. 0.01 min

Lab File: VW005503.D

Acq: 19 Sep 2018 03:40

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBS02

Tot Ion: 105 Resp: 354176

Ion Ratio Lower Upper

105 100

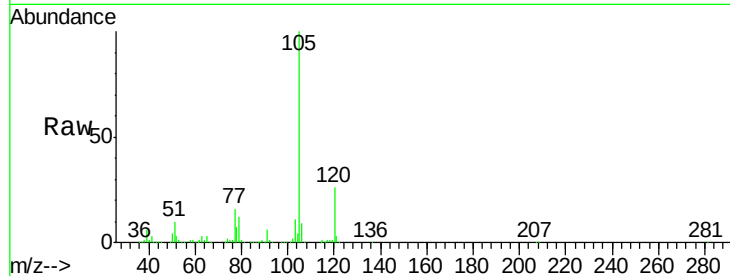
120 25.9 12.9 38.6

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

50000

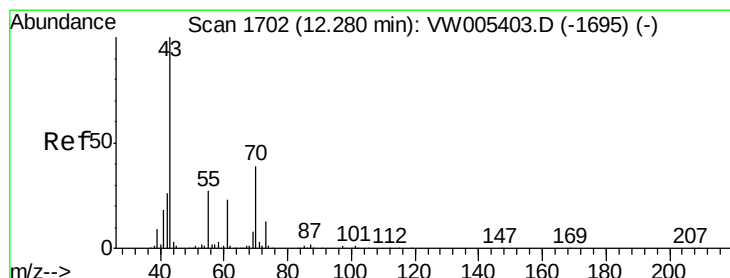
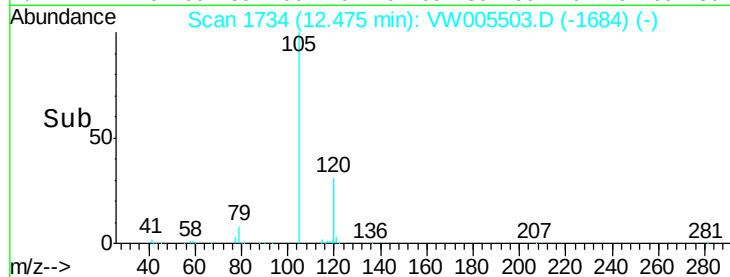
0

12.40

12.47

12.50

Time-->



#74

N-ethyl acetate

Concen: 25.43 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005503.D

Acq: 19 Sep 2018 03:40

Tgt Ion: 43 Resp: 84218

Ion Ratio Lower Upper

43 100

70 38.6 31.9 47.9

55 26.1 21.4 32.0

61 21.7 18.3 27.5

Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

80000

60000

40000

20000

0

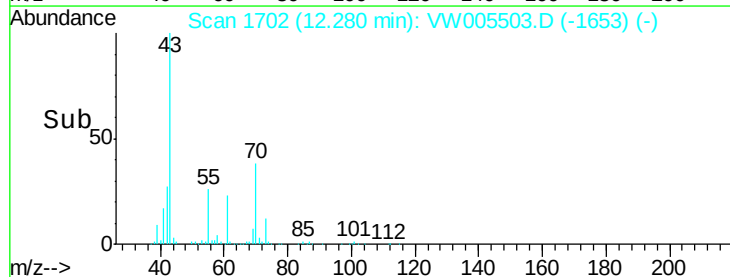
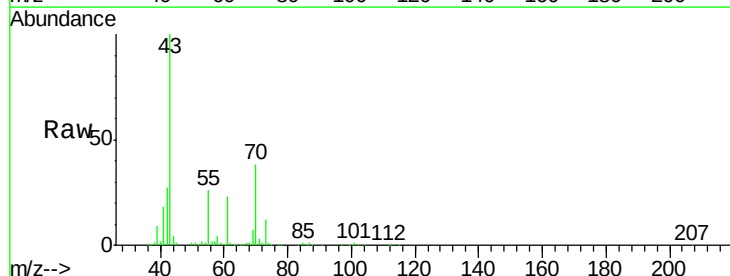
12.20

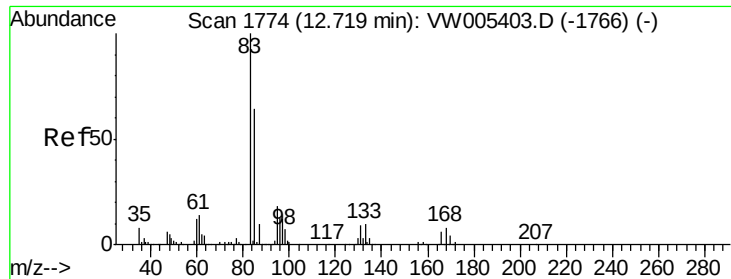
12.28

12.30

12.40

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 25.00 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005503.D

Acq: 19 Sep 2018 03:40

Instrument :

MSVOA_W

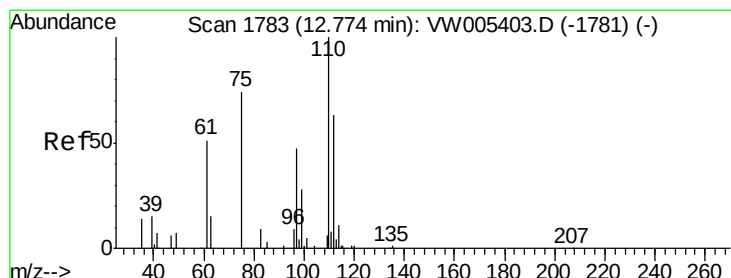
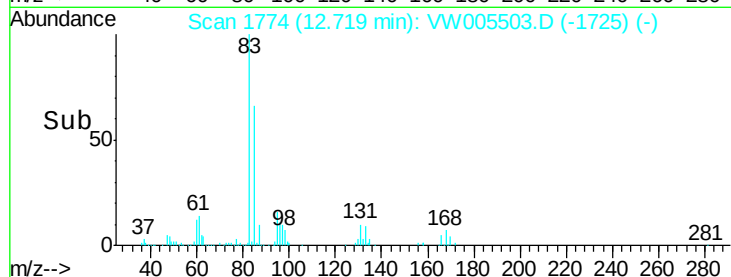
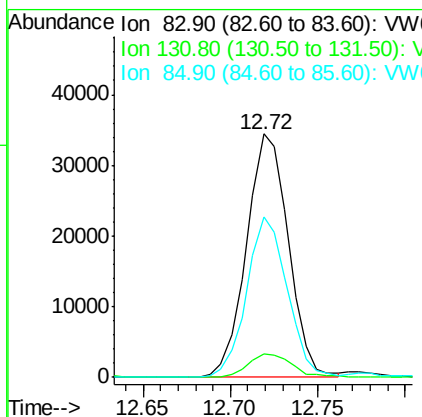
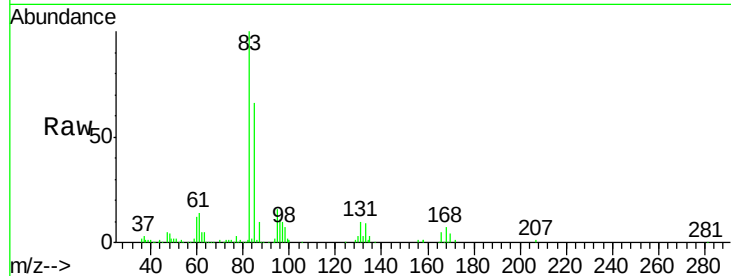
ClientSampleId :

VW0918SBS02

Tot Ion:	83	Resp:	57319
Ion	Ratio	Lower	Upper
83	100		
131	10.3	5.7	17.1
85	64.1	31.6	95.0

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#76

1,2,3-Trichloropropane

Concen: 22.89 ug/l m

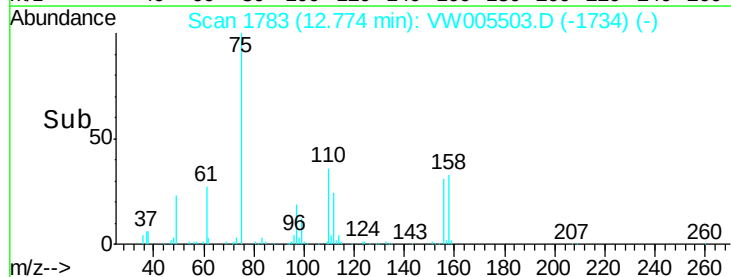
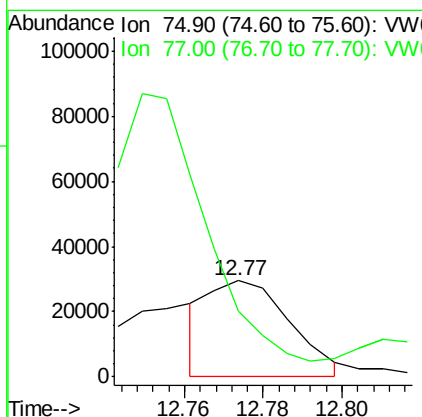
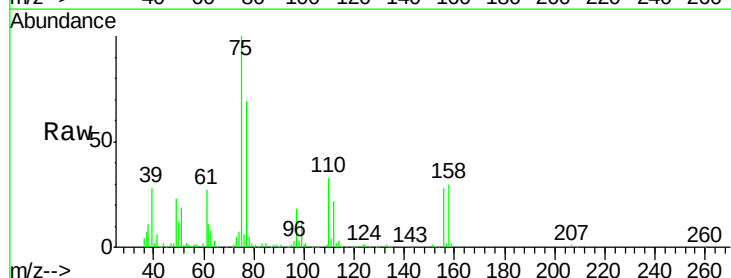
RT: 12.77 min Scan# 1783

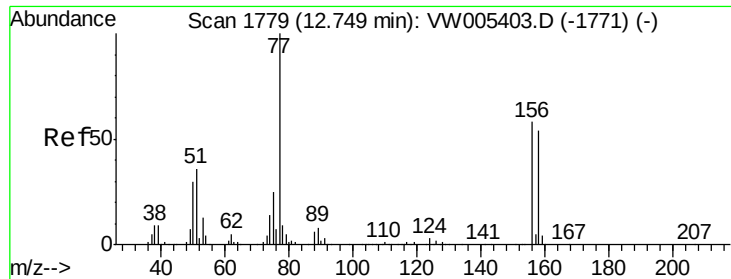
Delta R.T. -0.00 min

Lab File: VW005503.D

Acq: 19 Sep 2018 03:40

Tgt Ion:	75	Resp:	42174
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.64 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. 0.01 min

Lab File: VW005503.D

Acq: 19 Sep 2018 03:40

Instrument :

MSVOA_W

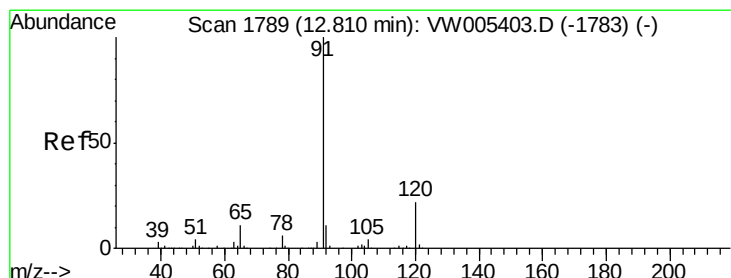
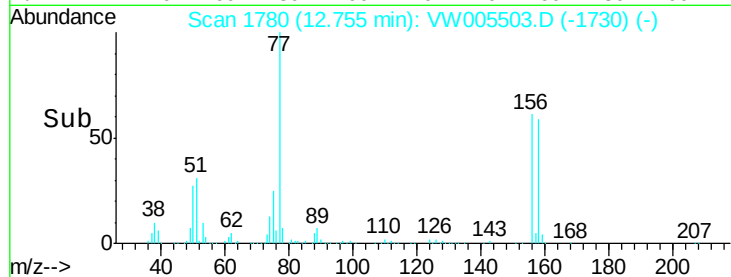
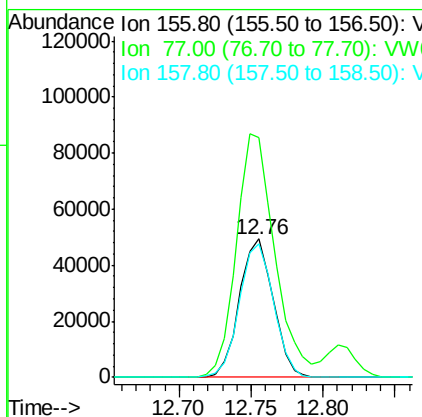
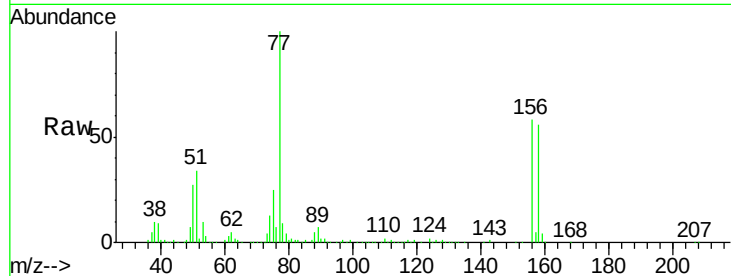
ClientSampleId :

VW0918SBS02

Tot Ion:	156	Resp:	80417
Ion Ratio	Lower	Upper	
156	100		
77	199.7	92.8	278.3
158	98.0	48.2	144.6

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#78

n-propylbenzene

Concen: 22.87 ug/l

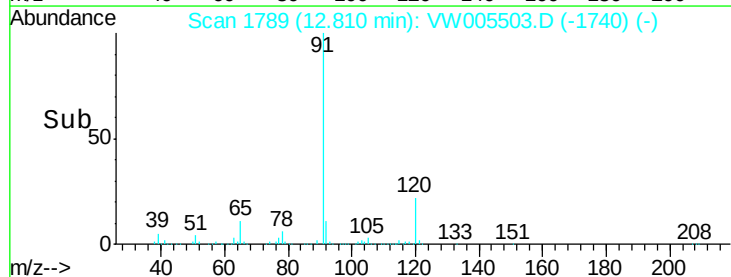
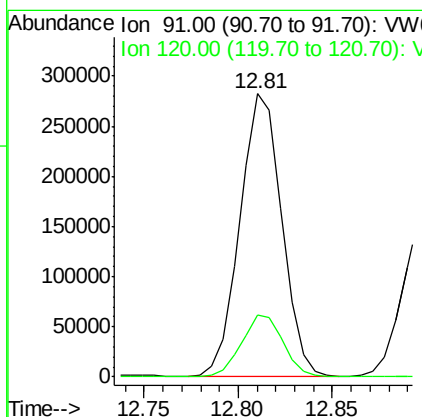
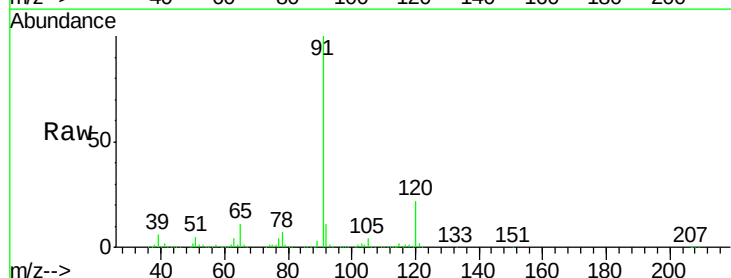
RT: 12.81 min Scan# 1789

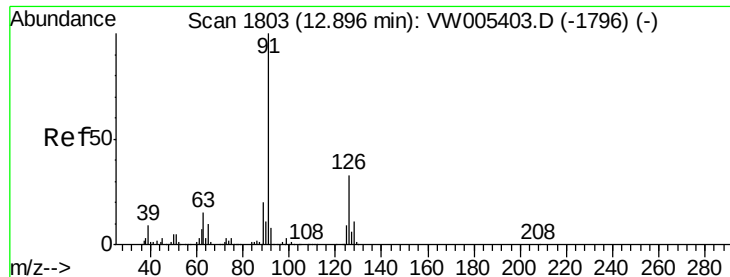
Delta R.T. -0.00 min

Lab File: VW005503.D

Acq: 19 Sep 2018 03:40

Tgt Ion:	91	Resp:	433955
Ion Ratio	Lower	Upper	
91	100		
120	22.0	11.3	33.8





#79

2-Chlorotoluene

Concen: 22.61 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW005503.D

Acq: 19 Sep 2018 03:40

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBS02

Tot Ion: 91 Resp: 253063

Ion Ratio Lower Upper

91 100

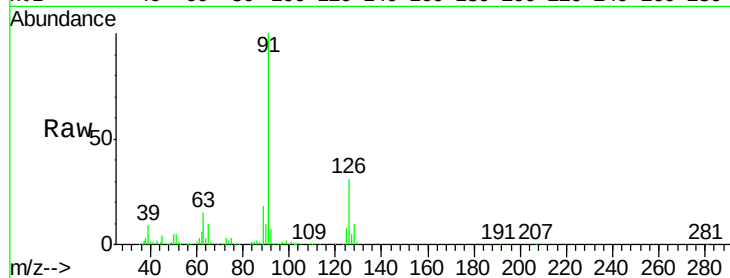
126 32.4 16.4 49.1

Manual Integrations

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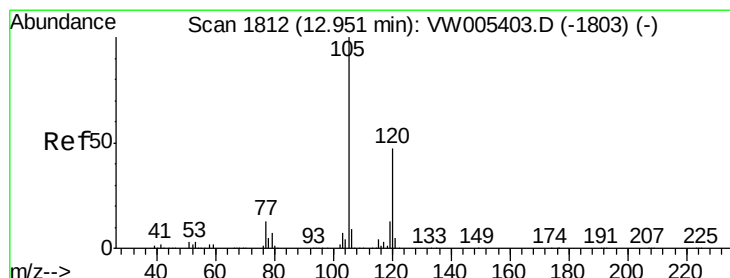
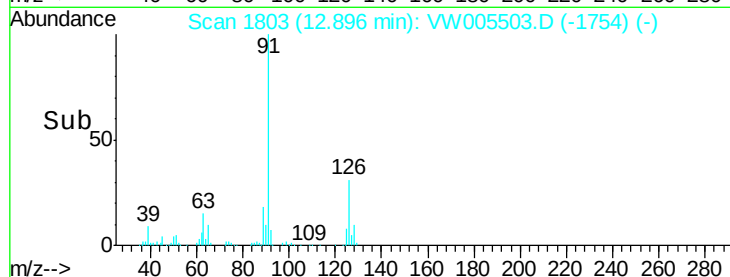
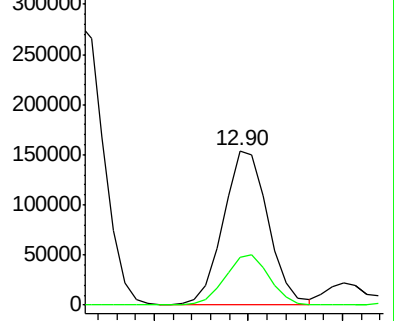
apatel

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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: 22.03 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005503.D

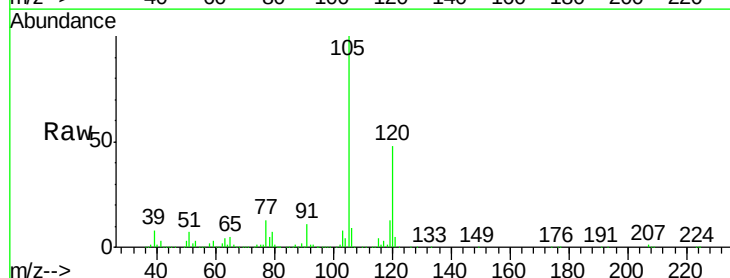
Acq: 19 Sep 2018 03:40

Tgt Ion: 105 Resp: 302183

Ion Ratio Lower Upper

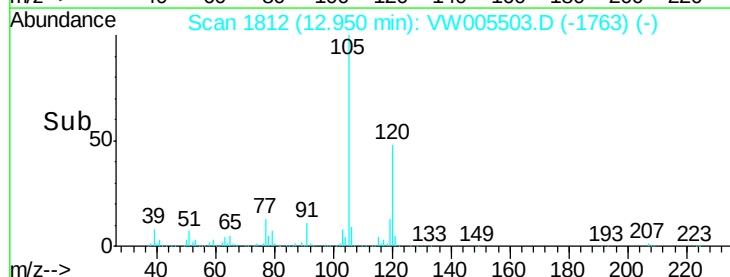
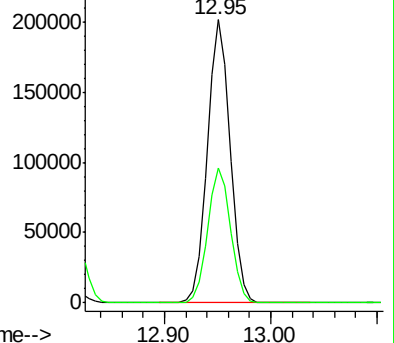
105 100

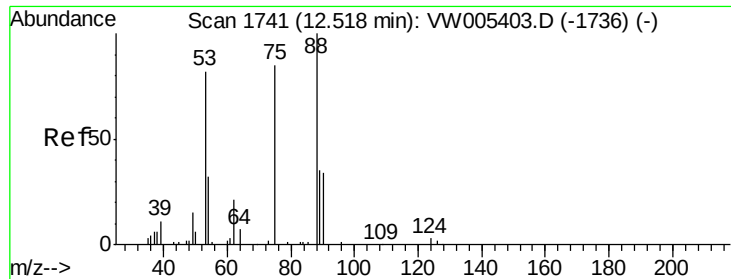
120 48.1 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





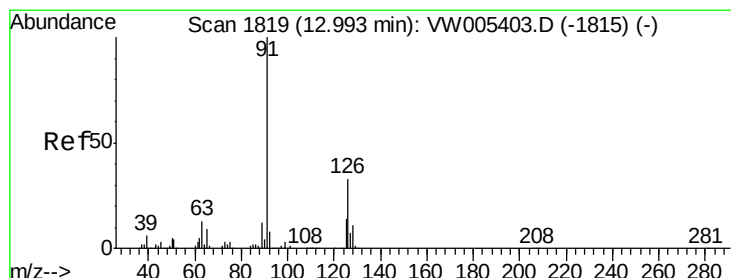
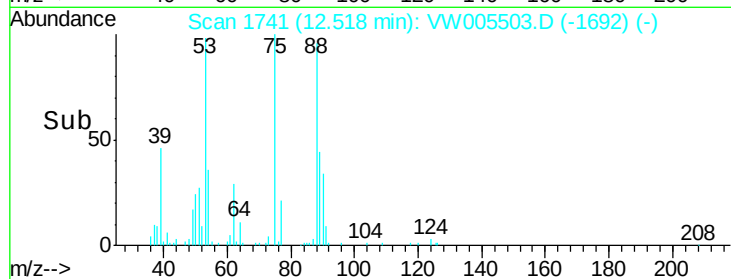
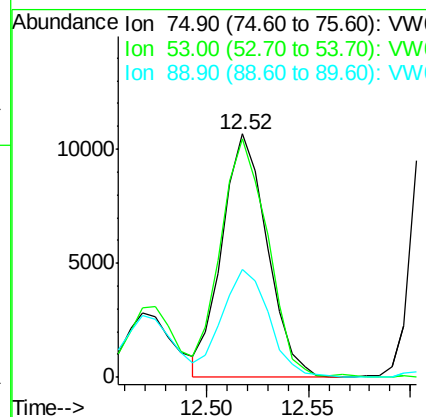
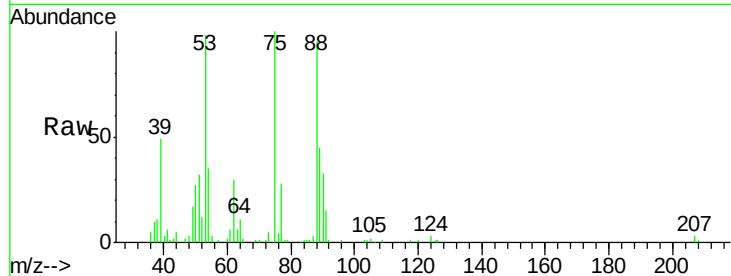
#81
trans-1,4-Dichloro-2-butene
Concen: 23.10 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW005503.D
Acq: 19 Sep 2018 03:40

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBSD02

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.6	83.2	124.8
89	46.7	36.6	54.8

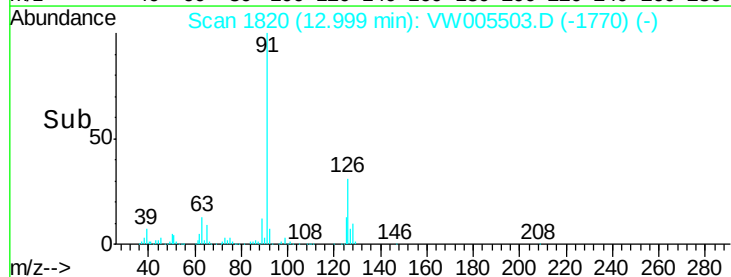
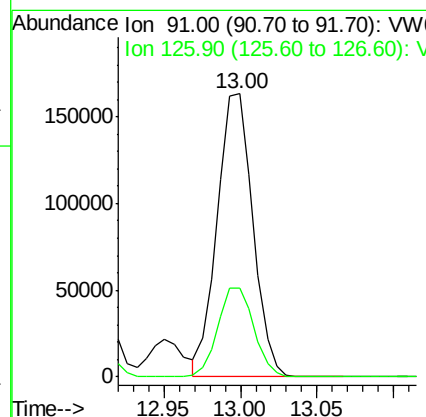
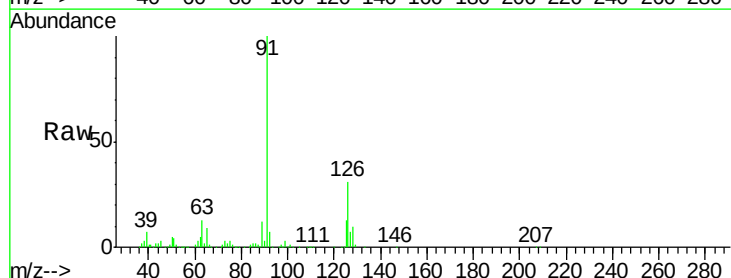
Manual Integrations
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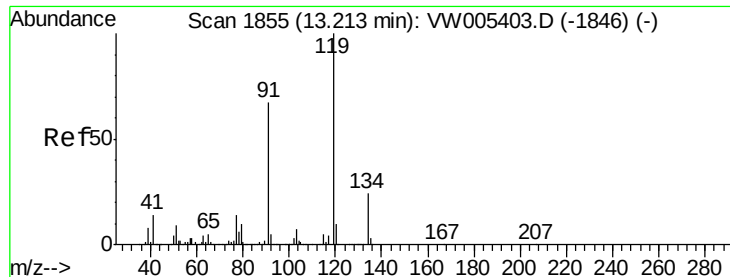
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#82
4-Chlorotoluene
Concen: 22.38 ug/l
RT: 13.00 min Scan# 1820
Delta R.T. 0.01 min
Lab File: VW005503.D
Acq: 19 Sep 2018 03:40

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.1	16.4	49.1





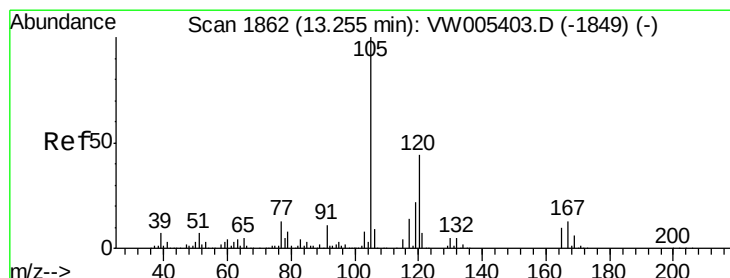
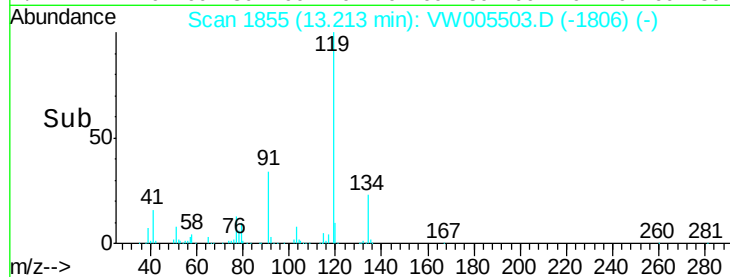
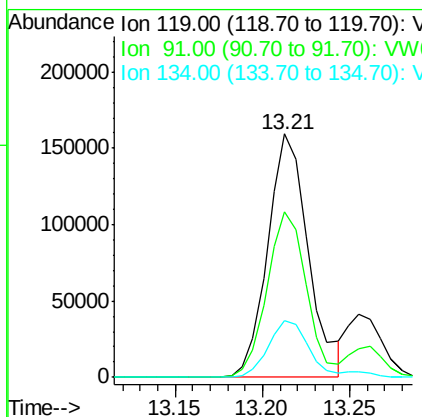
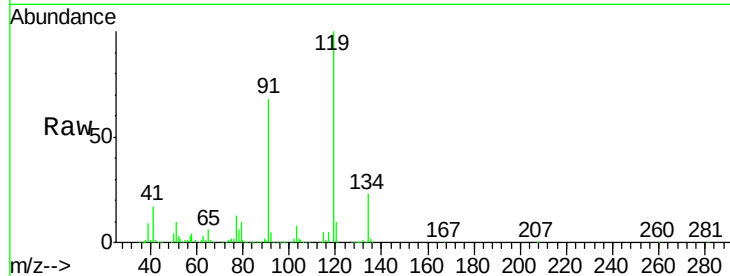
#83
 tert-Butylbenzene
 Concen: 22.65 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW005503.D
 Acq: 19 Sep 2018 03:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS02

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.3	34.4	103.2
134	24.5	12.7	38.0

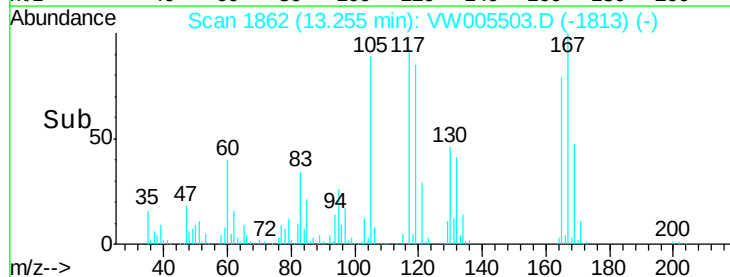
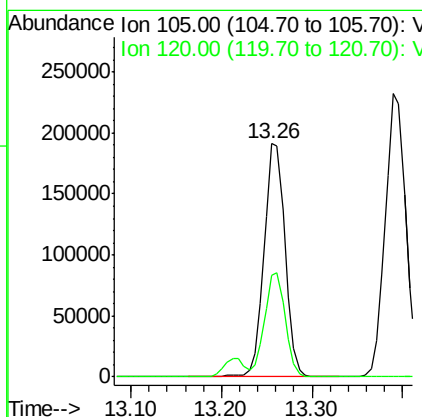
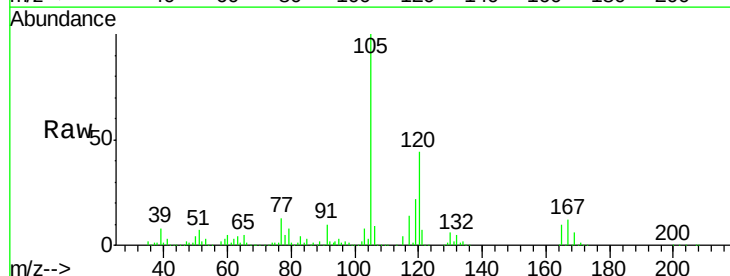
Manual Integrations
 APPROVED

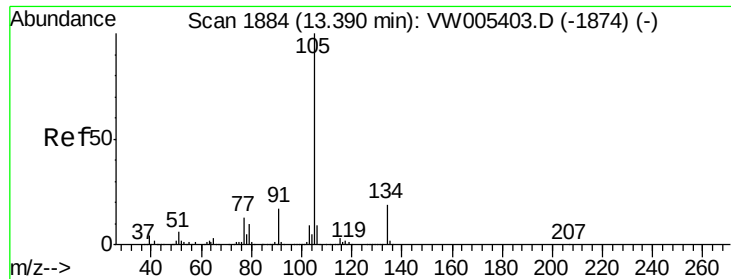
apatel
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#84
 1,2,4-Trimethylbenzene
 Concen: 22.01 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW005503.D
 Acq: 19 Sep 2018 03:40

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.0	21.8	65.3





#85

sec-Butylbenzene

Concen: 22.16 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW005503.D

Acq: 19 Sep 2018 03:40

Instrument :

MSVOA_W

ClientSampled :

VW0918SBS02

Tot Ion:105 Resp: 364771

Ion Ratio Lower Upper

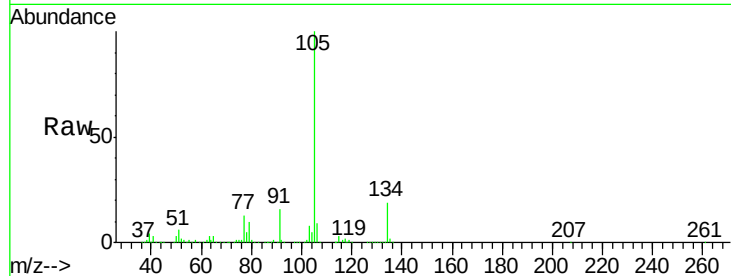
105 100

134 19.5 9.8 29.5

Manual Integrations
APPROVED

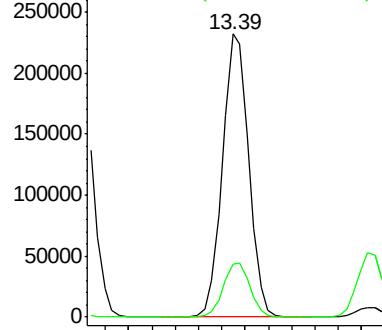
apatel

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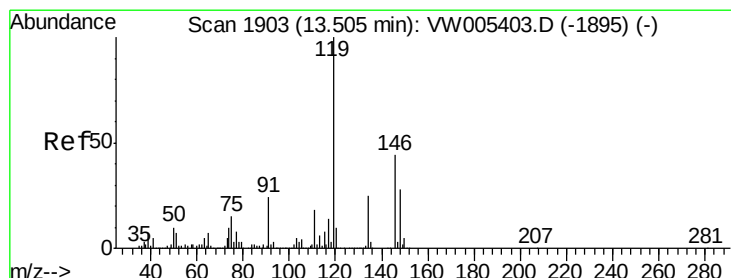
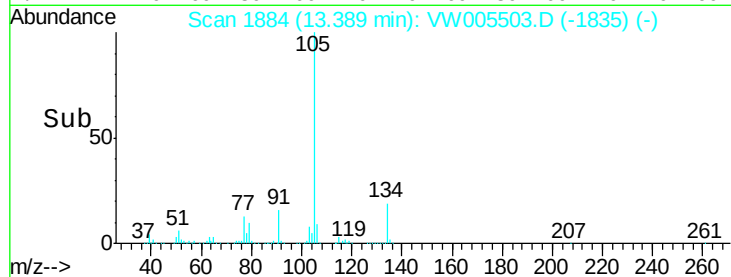


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#86

p-Isopropyltoluene

Concen: 21.76 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005503.D

Acq: 19 Sep 2018 03:40

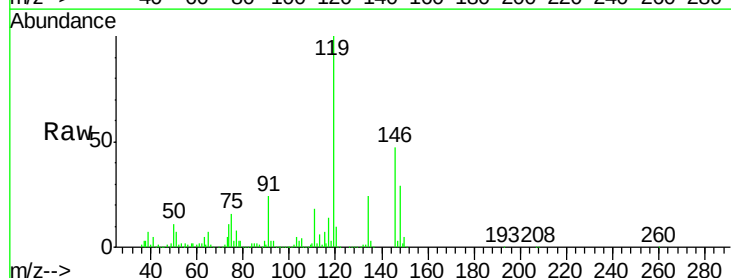
Tgt Ion:119 Resp: 320323

Ion Ratio Lower Upper

119 100

134 25.2 12.6 37.8

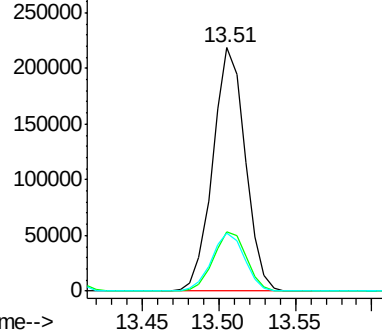
91 24.3 12.0 36.0



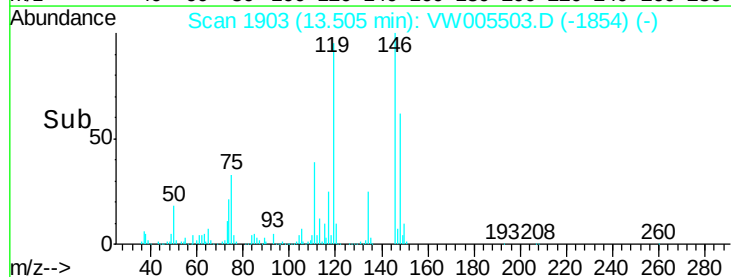
Abundance Ion 119.00 (118.70 to 119.70): V

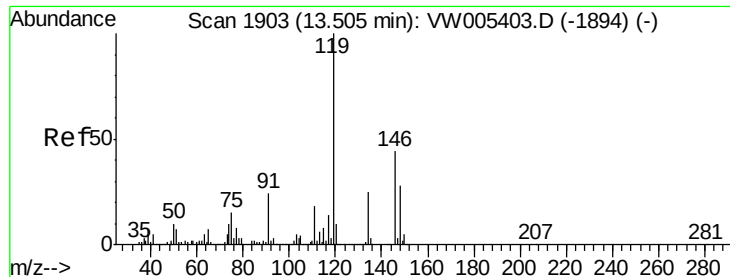
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



Time-->





#87

1,3-Dichlorobenzene

Concen: 21.48 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005503.D

Acq: 19 Sep 2018 03:40

Instrument :

MSVOA_W

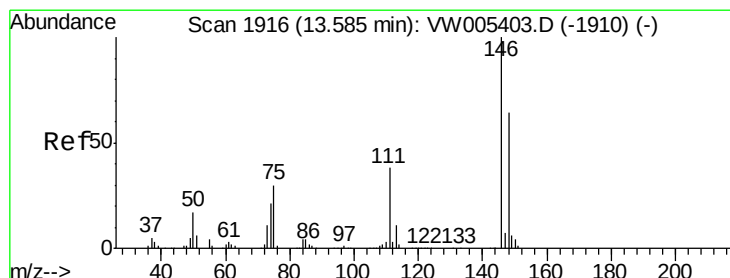
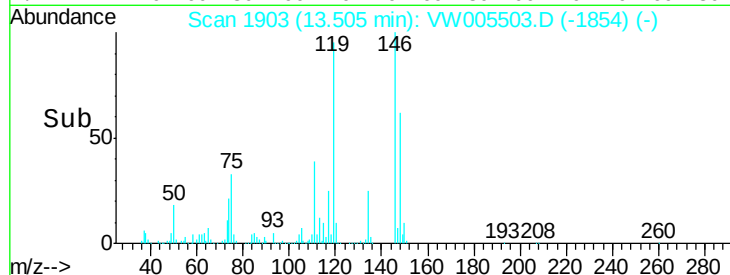
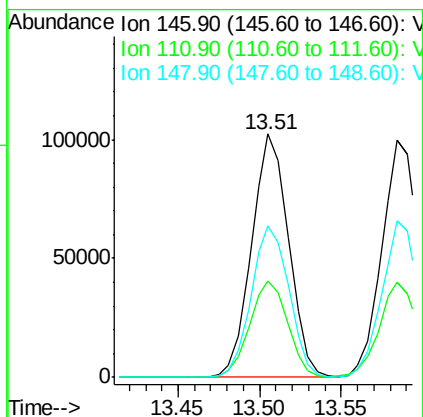
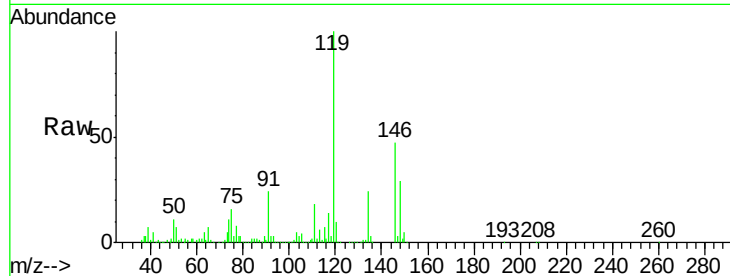
ClientSampleId :

VW0918SBS02

Tot Ion:	146	Resp:	161863
Ion Ratio	Lower	Upper	
146	100		
111	40.6	20.4	61.2
148	63.4	32.0	96.0

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 21.27 ug/l

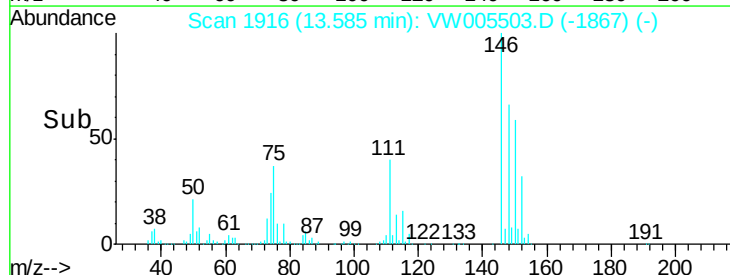
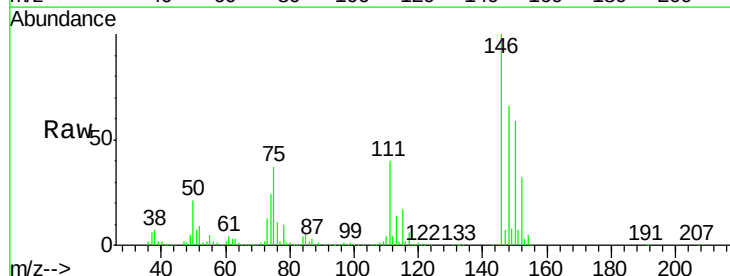
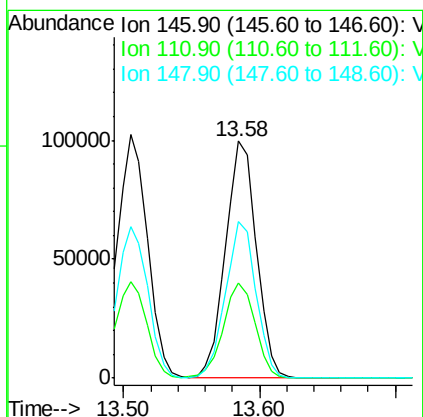
RT: 13.58 min Scan# 1916

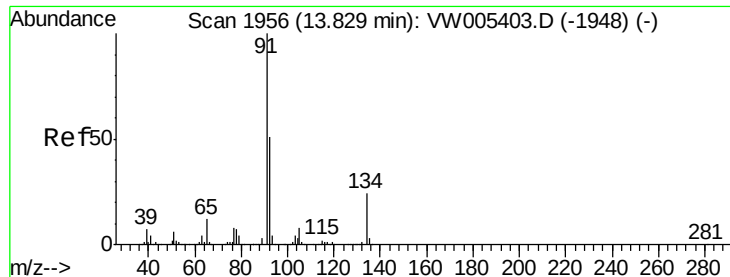
Delta R.T. -0.00 min

Lab File: VW005503.D

Acq: 19 Sep 2018 03:40

Tgt Ion:	146	Resp:	157848
Ion Ratio	Lower	Upper	
146	100		
111	41.4	19.6	58.8
148	64.9	31.8	95.4





#89

n-Butylbenzene

Concen: 22.15 ug/l

RT: 13.83 min Scan# 1957

Delta R.T. 0.01 min

Lab File: VW005503.D

Acq: 19 Sep 2018 03:40

Instrument :

MSVOA_W

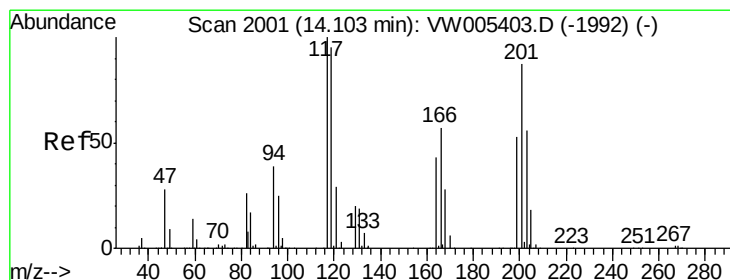
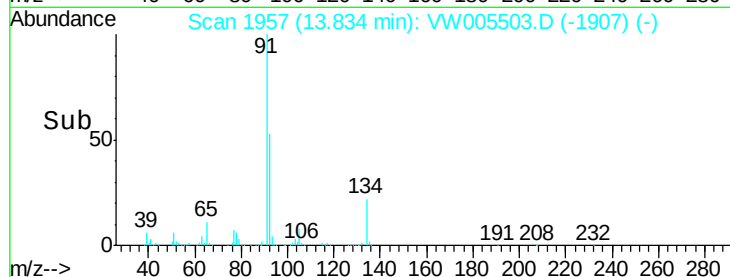
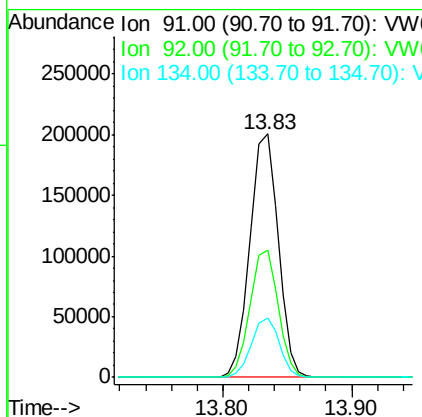
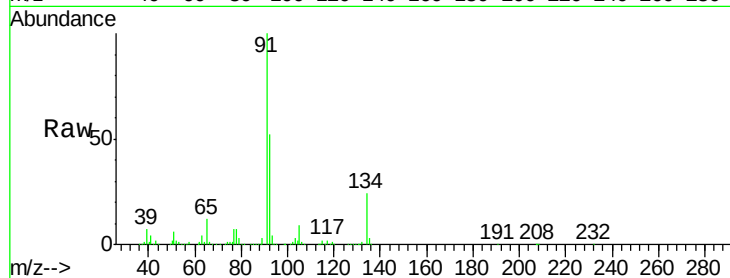
ClientSampleId :

VW0918SBS02

Tot Ion:	91	Resp:	303594
Ion Ratio	Lower	Upper	
91	100		
92	52.1	26.2	78.6
134	24.1	12.7	38.1

Manual Integrations
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#90

Hexachloroethane

Concen: 21.23 ug/l

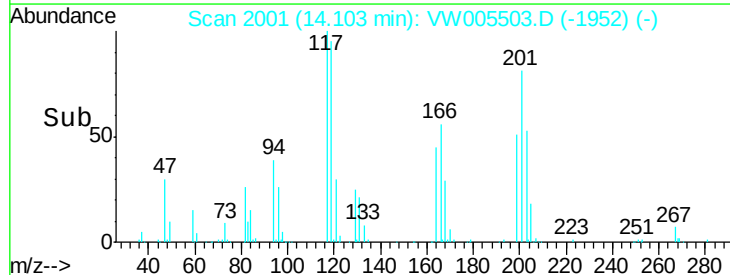
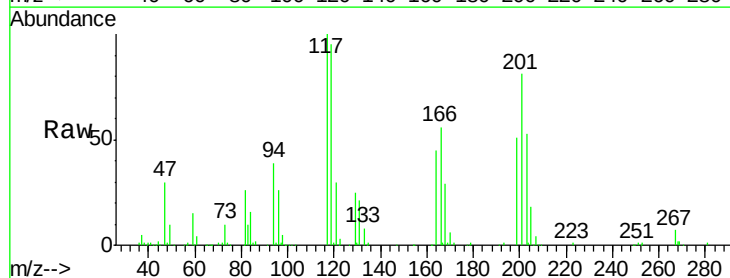
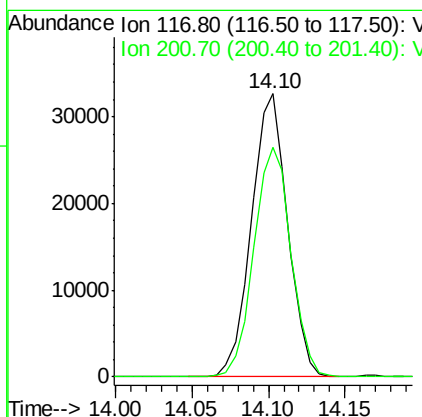
RT: 14.10 min Scan# 2001

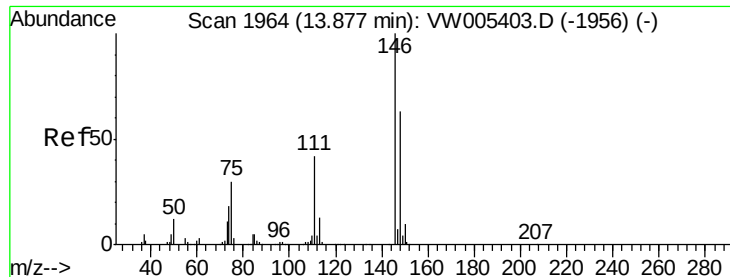
Delta R.T. -0.00 min

Lab File: VW005503.D

Acq: 19 Sep 2018 03:40

Tgt Ion:	117	Resp:	53550
Ion Ratio	Lower	Upper	
117	100		
201	83.5	42.5	127.5





#91

1,2-Dichlorobenzene

Concen: 21.48 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. -0.00 min

Lab File: VW005503.D

Acq: 19 Sep 2018 03:40

Instrument :

MSVOA_W

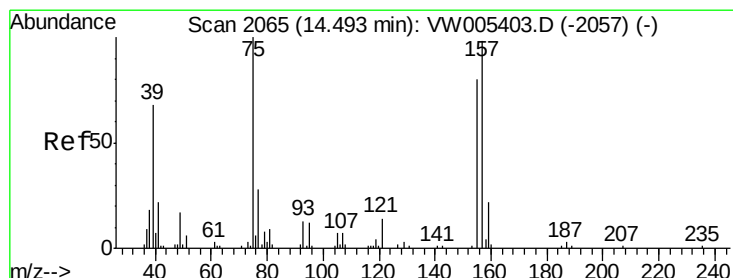
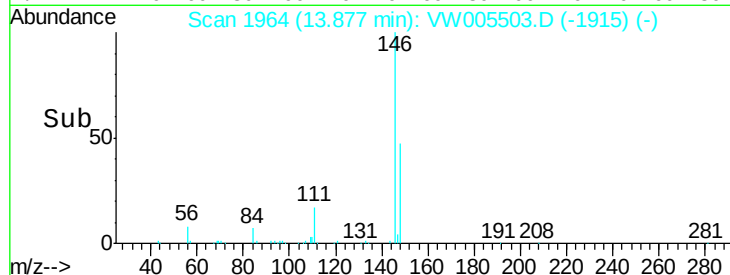
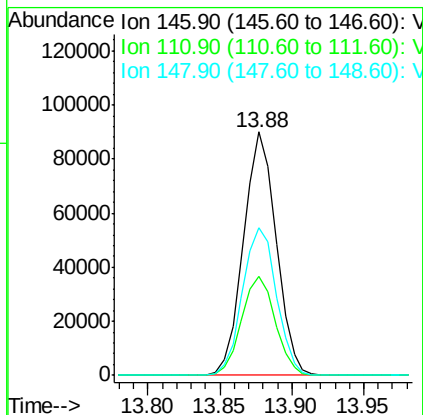
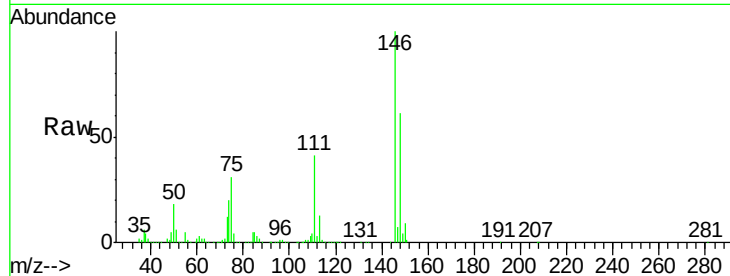
ClientSampleId :

VW0918SBSD02

Tot Ion:	146	Resp:	141496
Ion Ratio	Lower	Upper	
146	100		
111	42.0	21.0	63.0
148	63.0	31.9	95.9

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 21.94 ug/l

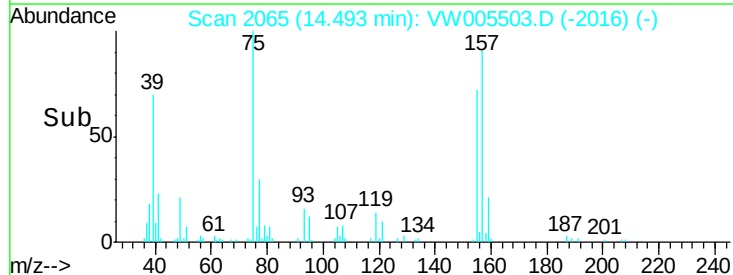
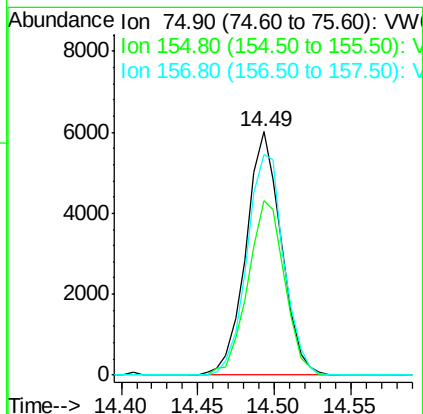
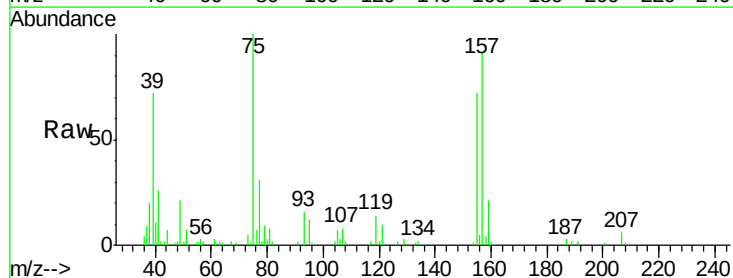
RT: 14.49 min Scan# 2065

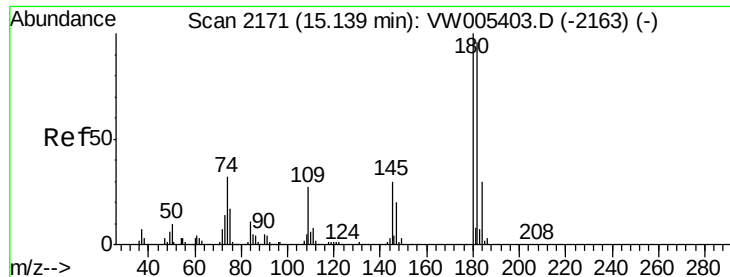
Delta R.T. -0.00 min

Lab File: VW005503.D

Acq: 19 Sep 2018 03:40

Tgt Ion:	75	Resp:	9664
Ion Ratio	Lower	Upper	
75	100		
155	74.1	39.0	117.0
157	94.6	49.9	149.6





#93

1,2,4-Trichlorobenzene

Concen: 20.33 ug/l

RT: 15.15 min Scan# 2172

Delta R.T. 0.01 min

Lab File: VW005503.D

Acq: 19 Sep 2018 03:40

Instrument :

MSVOA_W

ClientSampleId :

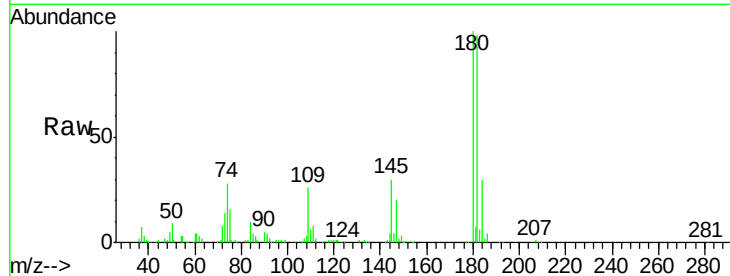
VW0918SBSD02

Tot Ion:	180	Resp:	89357
Ion Ratio	Lower	Upper	
180	100		
182	97.1	47.3	141.9
145	30.2	14.8	44.3

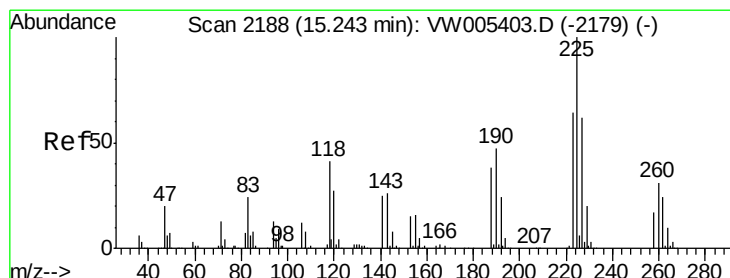
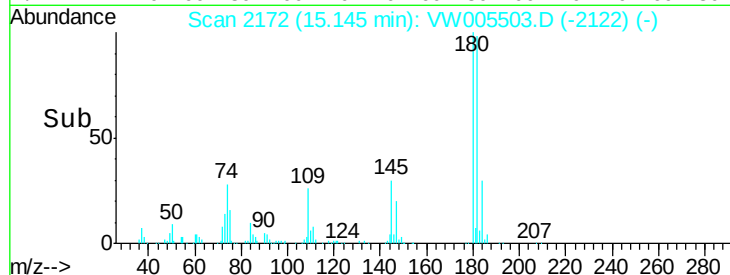
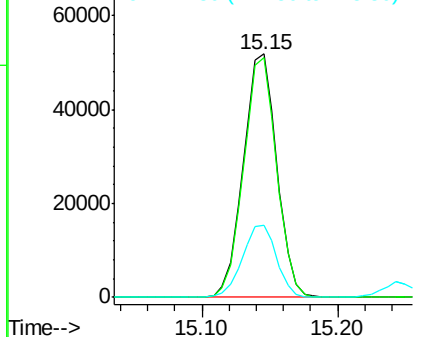
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Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 20.31 ug/l

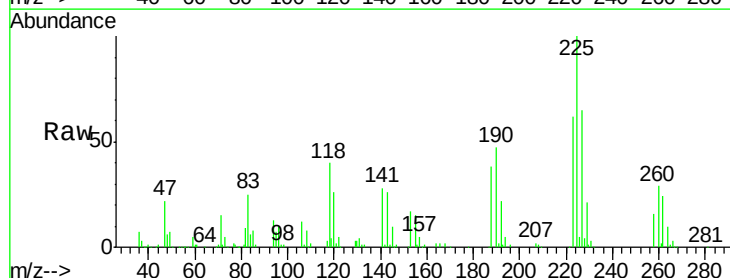
RT: 15.24 min Scan# 2188

Delta R.T. -0.00 min

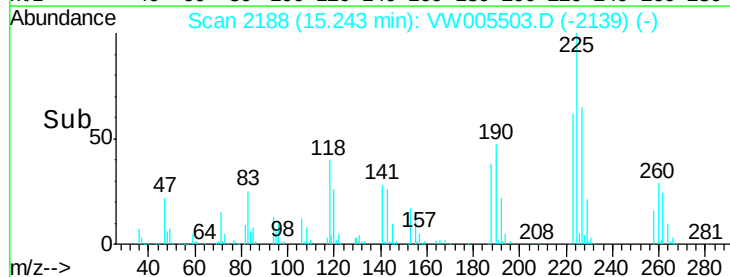
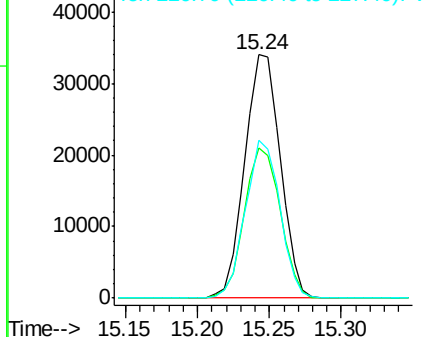
Lab File: VW005503.D

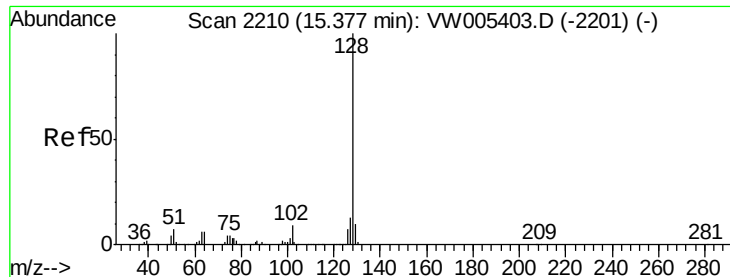
Acq: 19 Sep 2018 03:40

Tgt Ion:	225	Resp:	58290
Ion Ratio	Lower	Upper	
225	100		
223	62.0	31.2	93.6
227	62.8	31.6	95.0



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





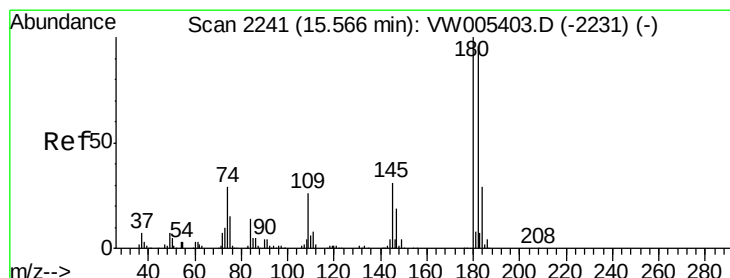
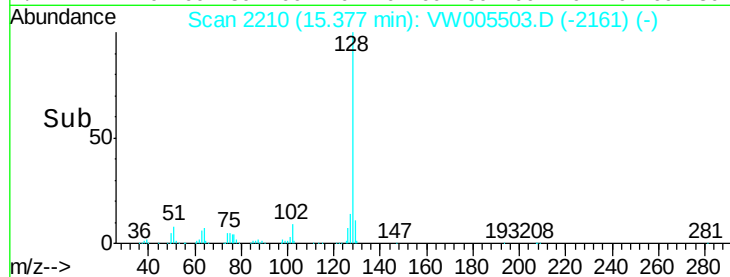
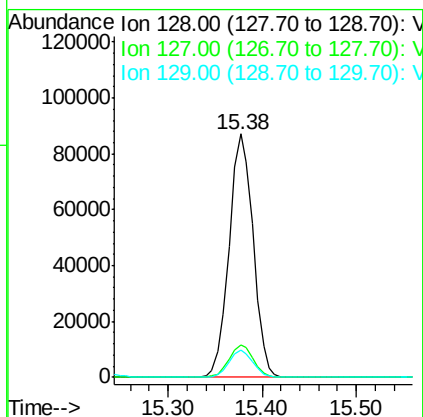
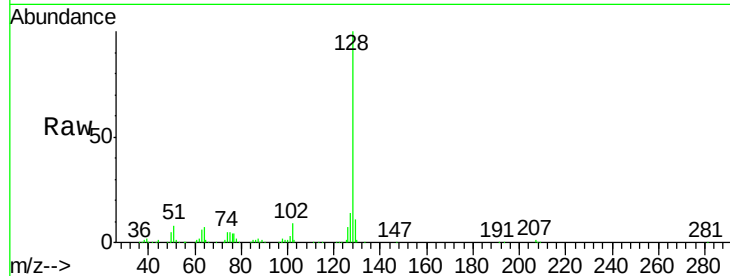
#95
Naphthalene
Concen: 21.05 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005503.D
Acq: 19 Sep 2018 03:40

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBSD02

Tot Ion	Ratio	Resp	Lower	Upper
128	100	154164		
127	13.4	11.0	16.4	
129	11.2	8.7	13.1	

Manual Integrations
APPROVED

apatel
9/19/2018 3:44:58 PM



#96
1,2,3-Trichlorobenzene
Concen: 19.77 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005503.D
Acq: 19 Sep 2018 03:40

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	75825		
182	96.9	48.1	144.4	
145	32.9	15.9	47.7	

