

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101818\
 Data File : VW006173.D
 Acq On : 18 Oct 2018 14:09
 Operator : VA/AP
 Sample : VW1018SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1018SBS01

Manual Integrations
 APPROVED

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 10/19/2018 12:42:16 PM

Quant Time: Oct 19 06:52:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	269736	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	375071	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	342811	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	191139	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	111653	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	
35) Dibromofluoromethane	7.88	113	112648	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	
50) Toluene-d8	10.33	98	428021	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
62) 4-Bromofluorobenzene	12.62	95	161400	50.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	21694	16.25	ug/l	92
3) Chloromethane	2.21	50	29446	17.14	ug/l	97
4) Vinyl Chloride	2.37	62	46211	18.83	ug/l	98
5) Bromomethane	2.79	94	41545	18.62	ug/l	98
6) Chloroethane	2.93	64	35539	20.21	ug/l	99
7) Trichlorofluoromethane	3.26	101	44981	19.68	ug/l	99
8) Diethyl Ether	3.68	74	22362	18.41	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	49162	20.52	ug/l	99
10) Methyl Iodide	4.27	142	80589	20.21	ug/l	100
11) Tert butyl alcohol	5.24	59	13922	92.57	ug/l #	71
12) 1,1-Dichloroethene	4.04	96	45550	20.21	ug/l	95
13) Acrolein	3.90	56	15681	107.75	ug/l	99
14) Allyl chloride	4.67	41	61408	19.06	ug/l	98
15) Acrylonitrile	5.38	53	46054	105.69	ug/l	98
16) Acetone	4.15	43	51565	114.91	ug/l	97
17) Carbon Disulfide	4.38	76	120960	17.78	ug/l	99
18) Methyl Acetate	4.68	43	21892	19.45	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	71238	20.75	ug/l	94
20) Methylene Chloride	4.91	84	54268	22.02	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	50770	20.18	ug/l	97
22) Diisopropyl ether	6.32	45	127882	20.08	ug/l	98
23) Vinyl Acetate	6.26	43	372744	99.18	ug/l	99
24) 1,1-Dichloroethane	6.22	63	83634	20.35	ug/l	99
25) 2-Butanone	7.18	43	66828	110.62	ug/l	98
26) 2,2-Dichloropropane	7.16	77	58450	20.17	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	57184	20.60	ug/l	99
28) Bromochloromethane	7.51	49	28210	17.78	ug/l	97
29) Tetrahydrofuran	7.54	42	38363	103.31	ug/l	100
30) Chloroform	7.68	83	91135	20.36	ug/l	98
31) Cyclohexane	7.96	56	80852	19.76	ug/l	94
32) 1,1,1-Trichloroethane	7.88	97	80773	20.00	ug/l	98
36) 1,1-Dichloropropene	8.09	75	73641	21.30	ug/l	100
37) Ethyl Acetate	7.26	43	27362	21.30	ug/l	99
38) Carbon Tetrachloride	8.07	117	76839	20.28	ug/l	98

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Quant Time: Oct 19 06:52:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	95678	20.82	ug/l	99
40) Benzene	8.33	78	197278	20.80	ug/l	96
41) Methacrylonitrile	7.49	41	16110	20.81	ug/l	97
42) 1,2-Dichloroethane	8.40	62	59853	21.48	ug/l	100
43) Isopropyl Acetate	8.43	43	53650	20.43	ug/l	100
44) Trichloroethene	9.10	130	61590	21.17	ug/l	99
45) 1,2-Dichloropropane	9.37	63	47010	20.72	ug/l	100
46) Dibromomethane	9.46	93	27324	21.13	ug/l	99
47) Bromodichloromethane	9.65	83	61964	19.76	ug/l	99
48) Methyl methacrylate	9.44	41	26126	20.99	ug/l	97
49) 1,4-Dioxane	9.48	88	8558	429.82	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	139074	105.69	ug/l	99
52) Toluene	10.39	92	134647	21.18	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	60109	19.24	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	70327	19.61	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	38398	21.22	ug/l	99
56) Ethyl methacrylate	10.65	69	46829	21.11	ug/l	96
57) 1,3-Dichloropropane	10.93	76	63265	21.12	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	93577	110.37	ug/l	99
59) 2-Hexanone	10.97	43	105223	112.02	ug/l	99
60) Dibromochloromethane	11.13	129	44099	19.56	ug/l	99
61) 1,2-Dibromoethane	11.24	107	38602	21.35	ug/l	99
64) Tetrachloroethene	10.87	164	56327	21.17	ug/l	97
65) Chlorobenzene	11.66	112	155826	21.23	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	53275	20.43	ug/l	99
67) Ethyl Benzene	11.74	91	271339	21.34	ug/l	98
68) m/p-Xylenes	11.85	106	212686	42.31	ug/l	99
69) o-Xylene	12.17	106	100645	21.01	ug/l	100
70) Styrene	12.19	104	162018	20.80	ug/l	100
71) Bromoform	12.35	173	27123	18.65	ug/l #	99
73) Isopropylbenzene	12.47	105	286584	21.22	ug/l	100
74) N-amyl acetate	12.28	43	53226	20.29	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	44056	21.45	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	30342m	20.78	ug/l	
77) Bromobenzene	12.75	156	68857	20.82	ug/l	98
78) n-propylbenzene	12.81	91	334226	21.27	ug/l	100
79) 2-Chlorotoluene	12.90	91	186249	21.10	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	239786	21.06	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	10642	17.42	ug/l	90
82) 4-Chlorotoluene	12.99	91	194599	21.05	ug/l	99
83) tert-Butylbenzene	13.21	119	215435	21.15	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	243658	21.15	ug/l	100
85) sec-Butylbenzene	13.39	105	307943	21.40	ug/l	100
86) p-Isopropyltoluene	13.51	119	276383	21.24	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	139520	21.20	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	138255	21.10	ug/l	99
89) n-Butylbenzene	13.83	91	257215	21.61	ug/l	99
90) Hexachloroethane	14.10	117	40834	18.52	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	123998	21.12	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7135	19.40	ug/l	96

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VW1018SBSD01

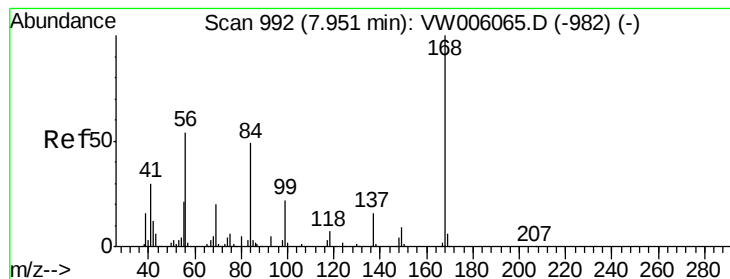
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	97115	21.50	ug/l	99
94) Hexachlorobutadiene	15.24	225	61706	21.74	ug/l	99
95) Naphthalene	15.38	128	161314	21.46	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	84325	21.58	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006173.D

Acq: 18 Oct 2018 14:09

Instrument :

MSVOA_W

ClientSampleId :

VW1018SBS01

Tgt Ion:168 Resp: 269736

Ion Ratio Lower Upper

168 100

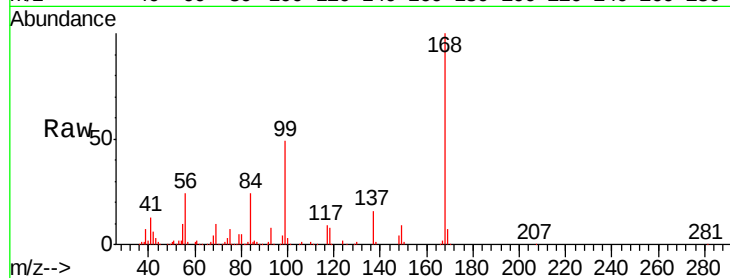
99 49.2 39.9 59.9

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

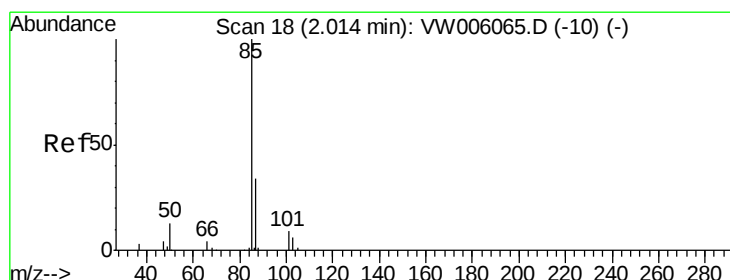
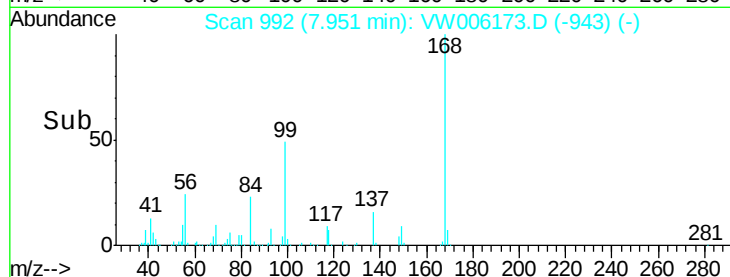
7.95

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 16.25 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW006173.D

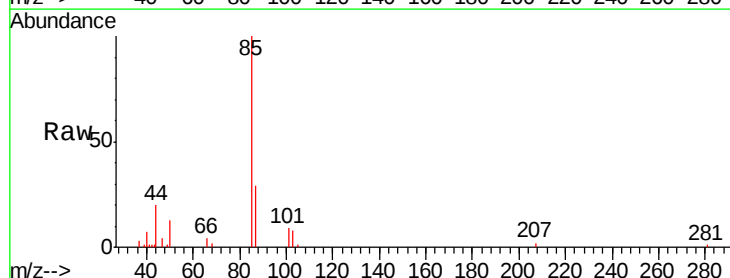
Acq: 18 Oct 2018 14:09

Tgt Ion: 85 Resp: 21694

Ion Ratio Lower Upper

85 100

87 29.1 16.9 50.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

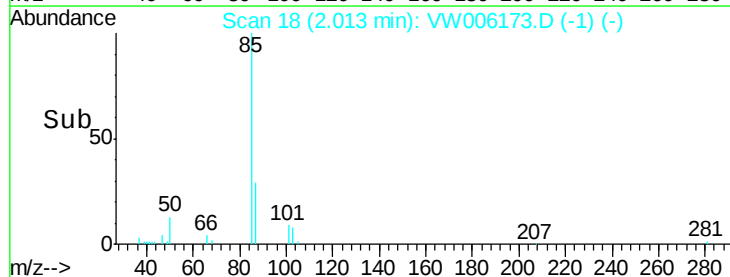
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4000

2000

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Time-->





#3

Chloromethane

Concen: 17.14 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006173.D

Acq: 18 Oct 2018 14:09

Instrument :

MSVOA_W

ClientSampleId :

VW1018SBSD01

Tgt Ion: 50 Resp: 29446

Ion Ratio Lower Upper

50 100

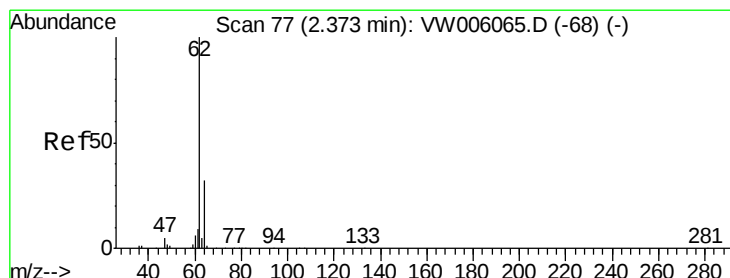
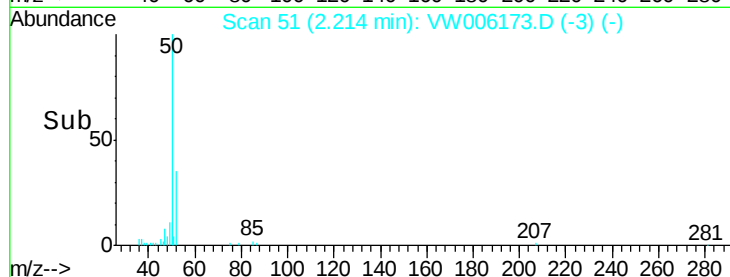
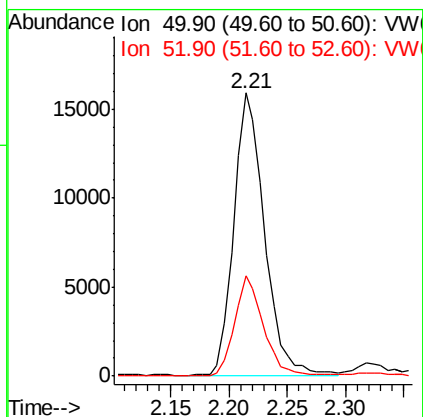
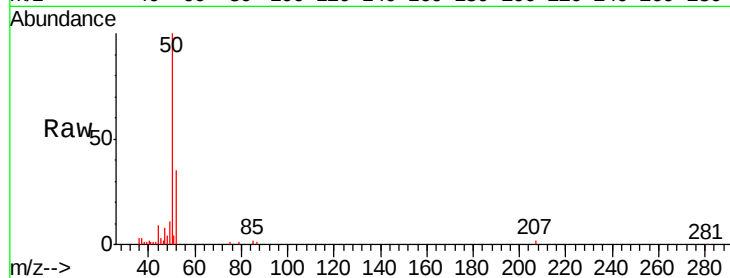
52 35.3 26.8 40.2

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#4

Vinyl Chloride

Concen: 18.83 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006173.D

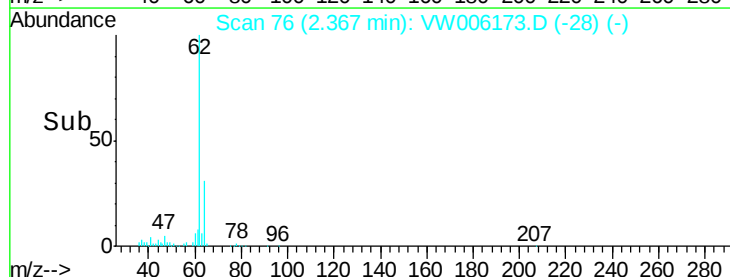
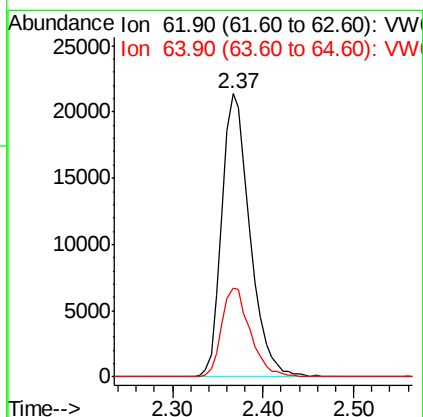
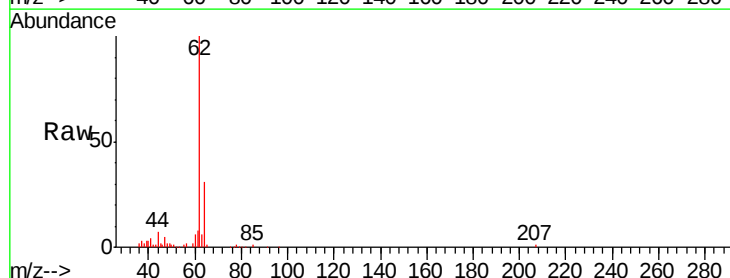
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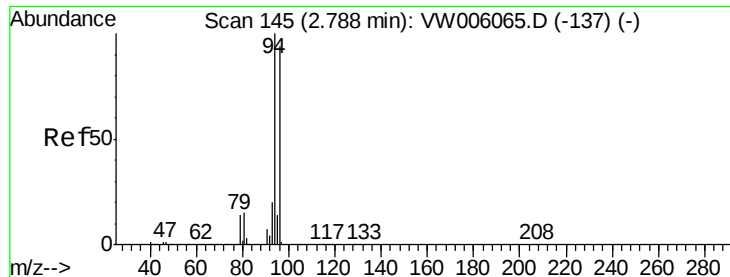
Tgt Ion: 62 Resp: 46211

Ion Ratio Lower Upper

62 100

64 31.5 25.9 38.9





#5

Bromomethane

Concen: 18.62 ug/l

RT: 2.79 min Scan# 145

Delta R.T. -0.00 min

Lab File: VW006173.D

Acq: 18 Oct 2018 14:09

Instrument :

MSVOA_W

ClientSampleId :

VW1018SBS01

Tgt Ion: 94 Resp: 41545

Ion Ratio Lower Upper

94 100

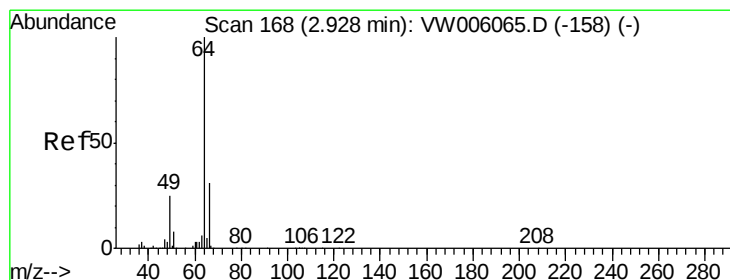
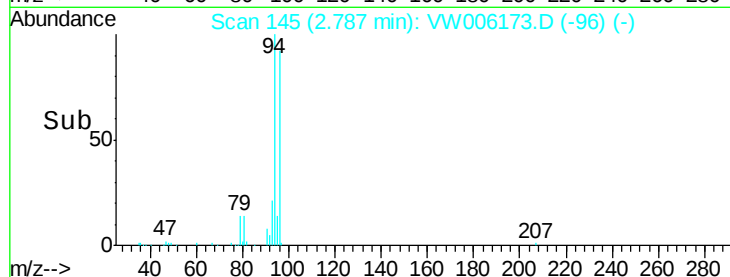
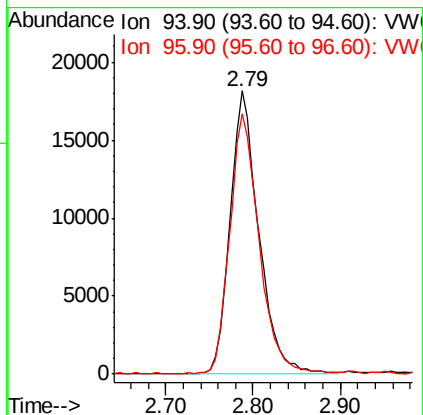
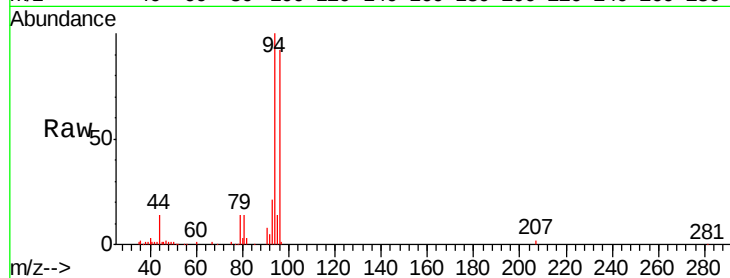
96 91.5 74.9 112.3

Manual Integrations

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#6

Chloroethane

Concen: 20.21 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW006173.D

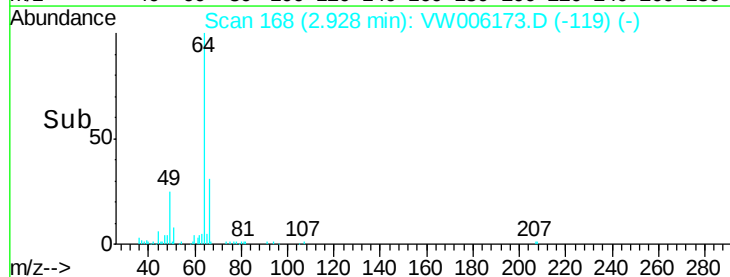
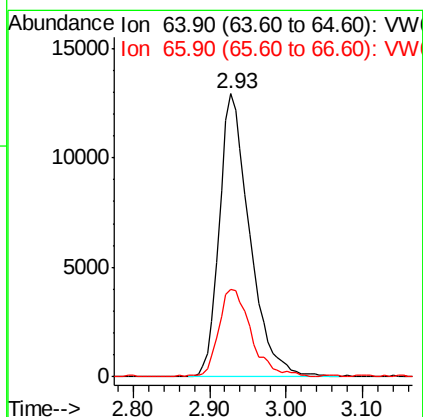
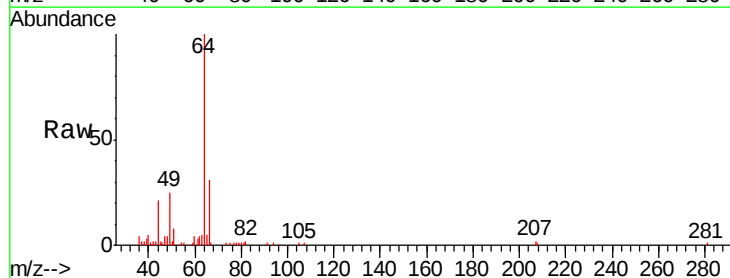
Acq: 18 Oct 2018 14:09

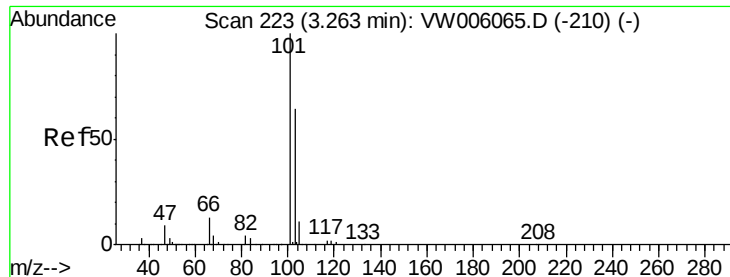
Tgt Ion: 64 Resp: 35539

Ion Ratio Lower Upper

64 100

66 30.3 24.9 37.3





#7

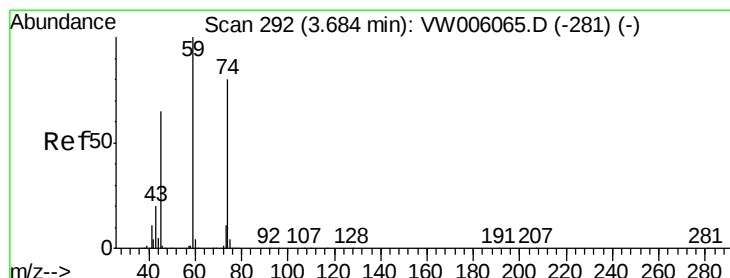
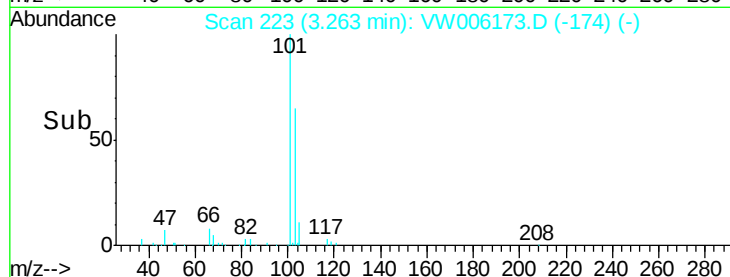
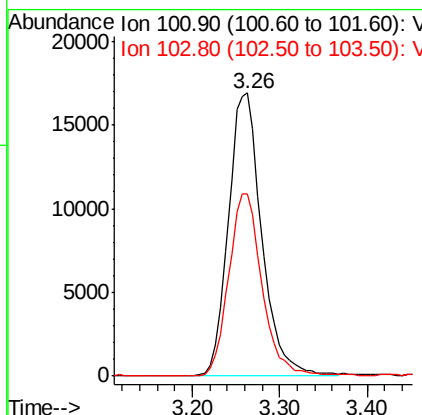
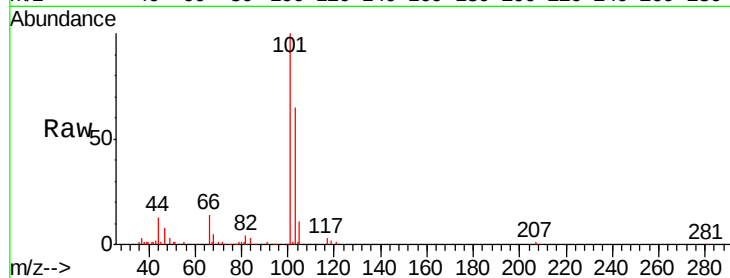
Trichlorofluoromethane
 Concen: 19.68 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. -0.00 min
 Lab File: VW006173.D
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 VW1018SBS01

Tgt Ion	Ratio	Lower	Upper
101	100		
103	64.5	51.2	76.8

Manual Integrations
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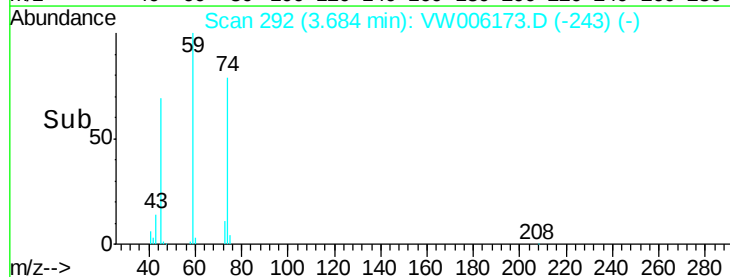
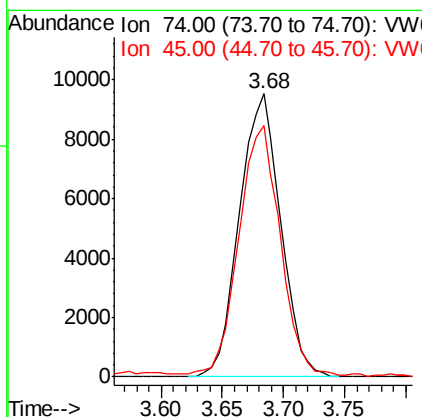
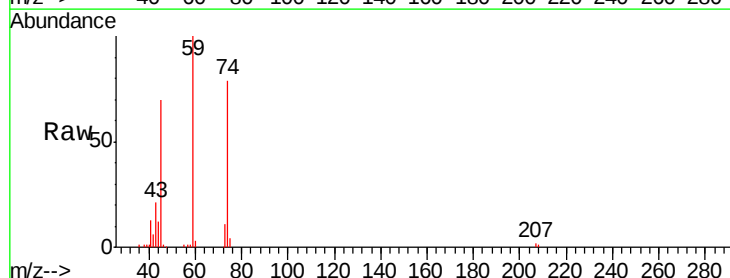
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#8

Diethyl Ether
 Concen: 18.41 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. -0.00 min
 Lab File: VW006173.D
 Acq: 18 Oct 2018 14:09

Tgt Ion	Ratio	Lower	Upper
74	100		
45	87.8	42.8	128.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.52 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW006173.D

Acq: 18 Oct 2018 14:09

Instrument :

MSVOA_W

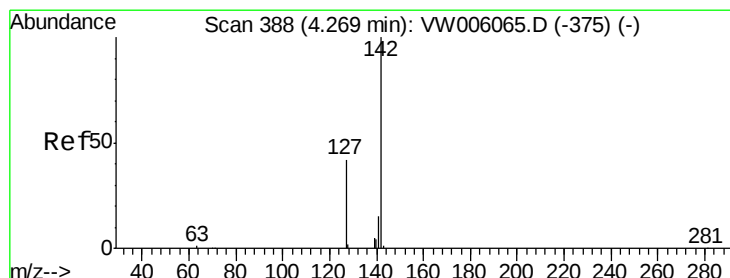
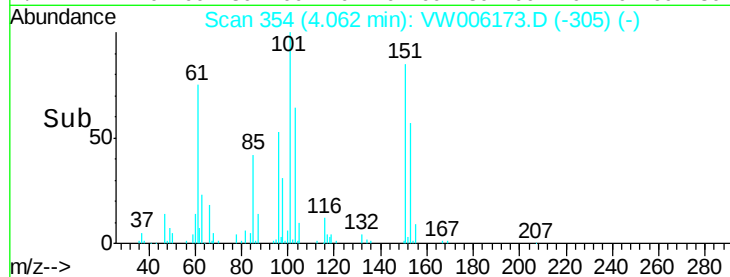
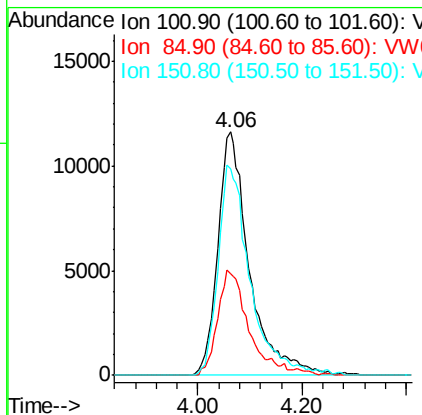
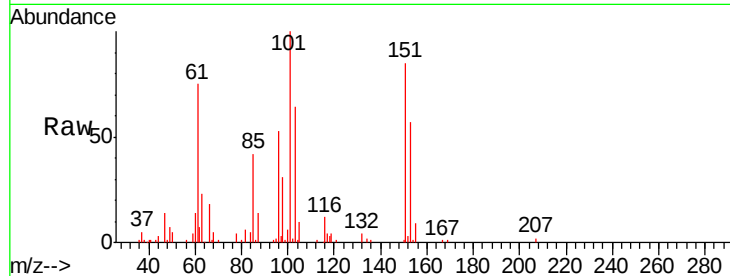
ClientSampleId :

VW1018SBS01

Tgt Ion:	101	Resp:	49162
Ion Ratio	Lower	Upper	
101	100		
85	42.3	34.9	52.3
151	87.2	70.4	105.6

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#10

Methyl Iodide

Concen: 20.21 ug/l

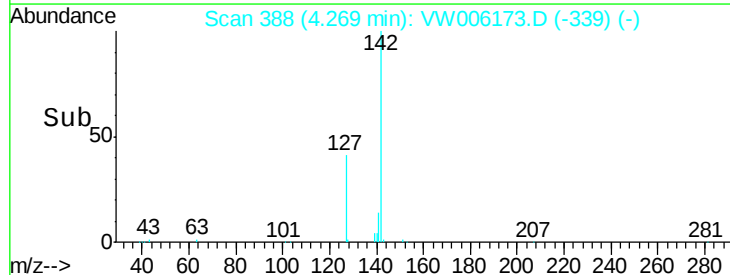
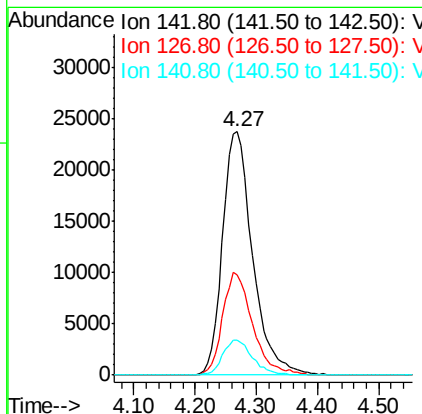
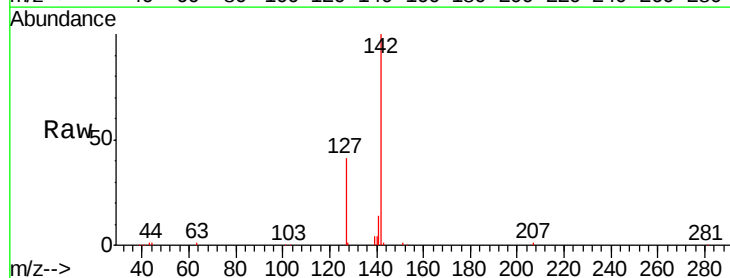
RT: 4.27 min Scan# 388

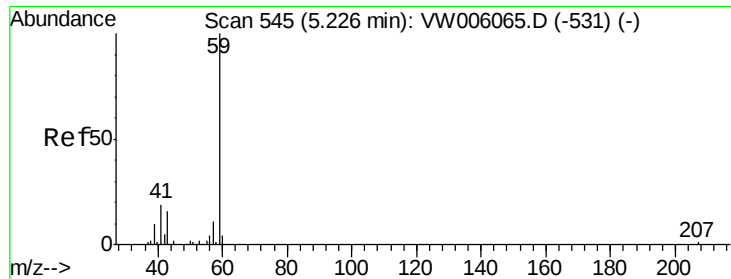
Delta R.T. -0.00 min

Lab File: VW006173.D

Acq: 18 Oct 2018 14:09

Tgt Ion:	142	Resp:	80589
Ion Ratio	Lower	Upper	
142	100		
127	41.9	33.6	50.4
141	14.3	11.6	17.4





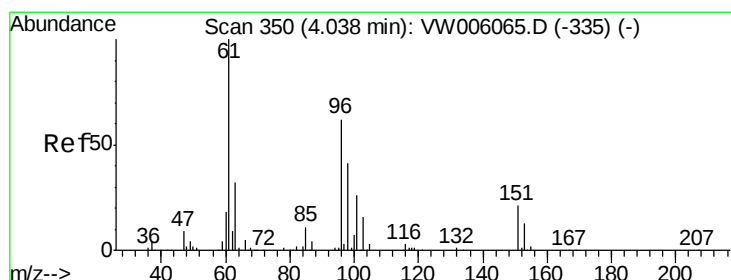
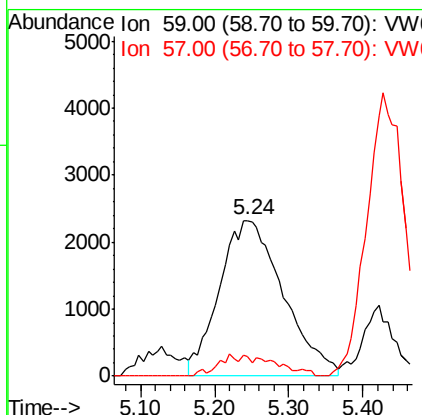
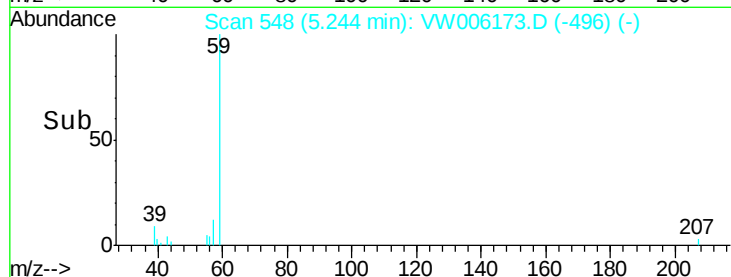
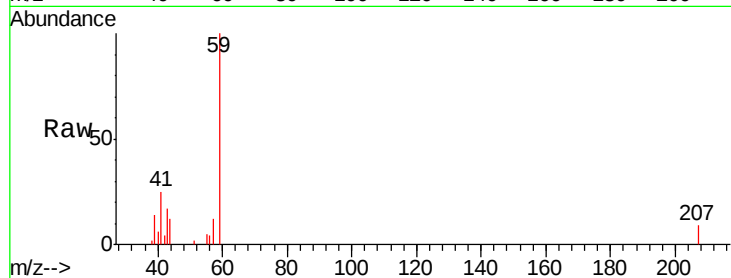
#11
Tert butyl alcohol
Concen: 92.57 ug/l
RT: 5.24 min Scan# 548
Delta R.T. 0.02 min
Lab File: VW006173.D
Acq: 18 Oct 2018 14:09

Instrument :
MSVOA_W
ClientSampleId :
VW1018SBS01

Tgt Ion: 59 Resp: 13922
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

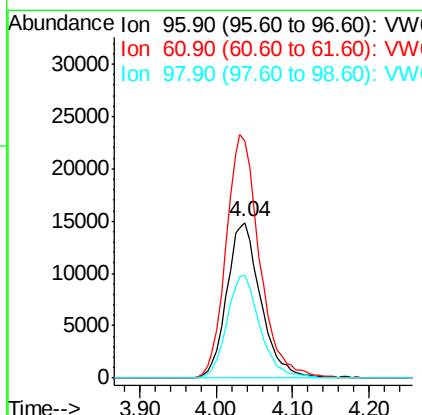
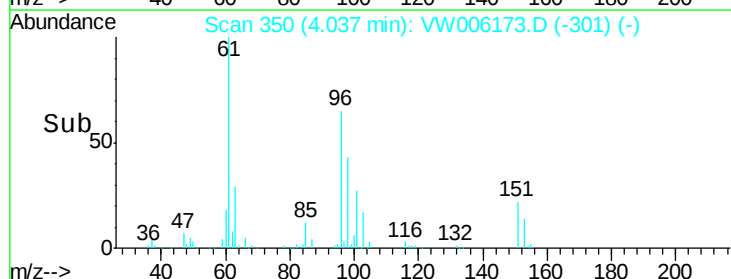
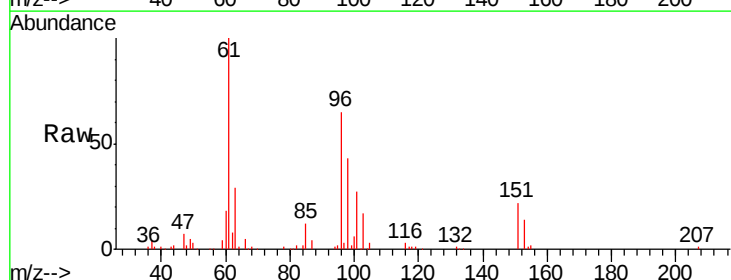
Manual Integrations
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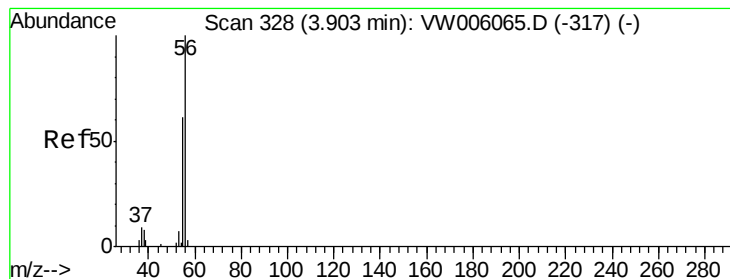
apatel
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#12
1,1-Dichloroethene
Concen: 20.21 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.00 min
Lab File: VW006173.D
Acq: 18 Oct 2018 14:09

Tgt Ion: 96 Resp: 45550
Ion Ratio Lower Upper
96 100
61 153.0 129.3 193.9
98 66.3 53.1 79.7





#13

Acrolein

Concen: 107.75 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW006173.D

Acq: 18 Oct 2018 14:09

Instrument :

MSVOA_W

ClientSampleId :

VW1018SBS01

Tgt Ion: 56 Resp: 15681

Ion Ratio Lower Upper

56 100

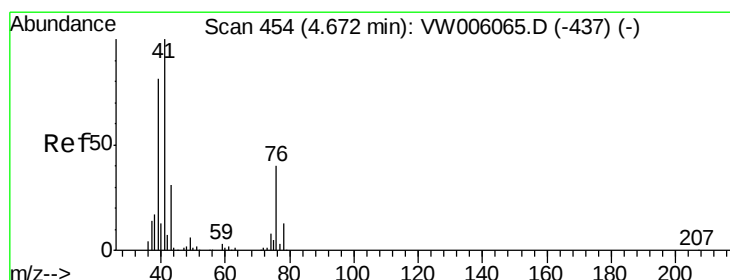
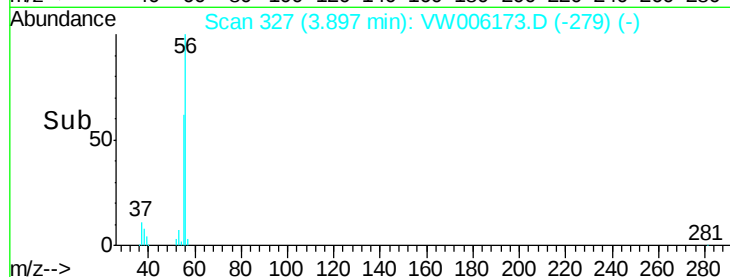
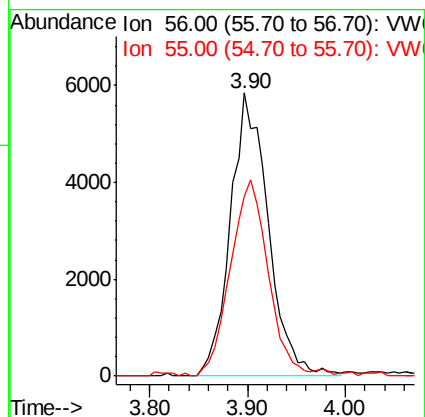
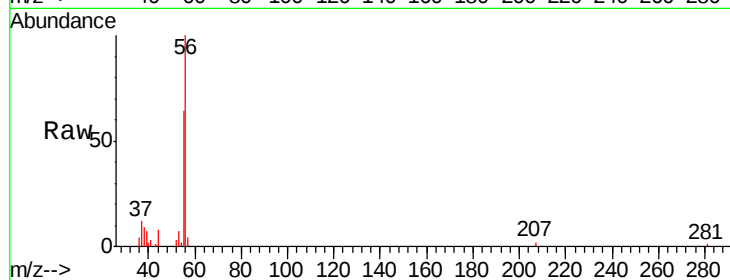
55 69.0 54.5 81.7

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#14

Allyl chloride

Concen: 19.06 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW006173.D

Acq: 18 Oct 2018 14:09

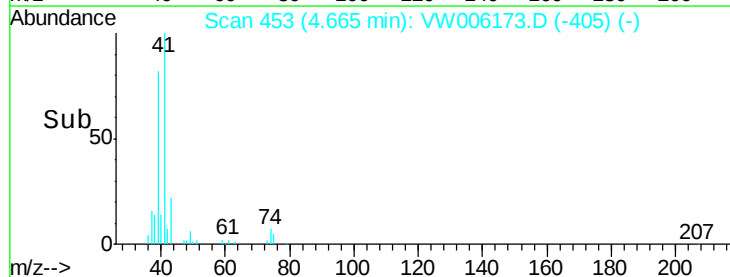
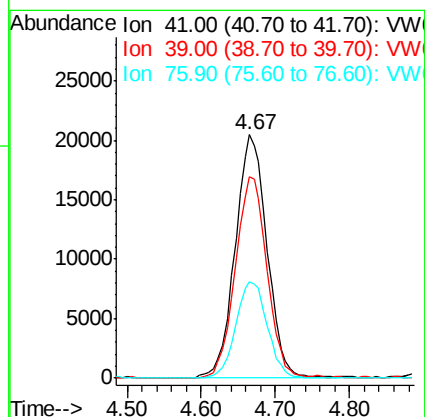
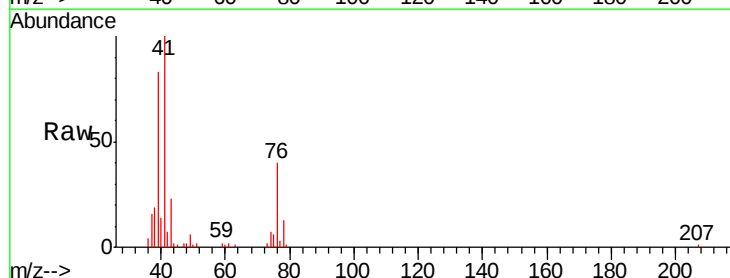
Tgt Ion: 41 Resp: 61408

Ion Ratio Lower Upper

41 100

39 82.3 64.1 96.1

76 39.1 32.2 48.4





#15

Acrylonitrile

Concen: 105.69 ug/l

RT: 5.38 min Scan# 570

Delta R.T. -0.00 min

Lab File: VW006173.D

Acq: 18 Oct 2018 14:09

Instrument :

MSVOA_W

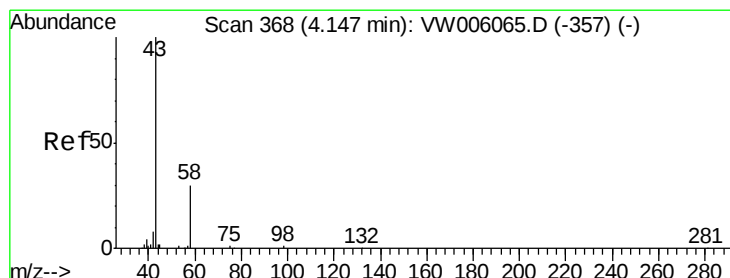
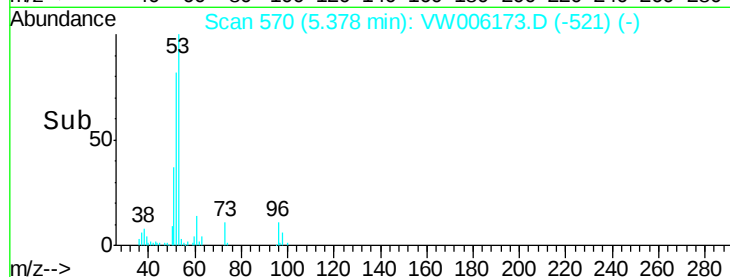
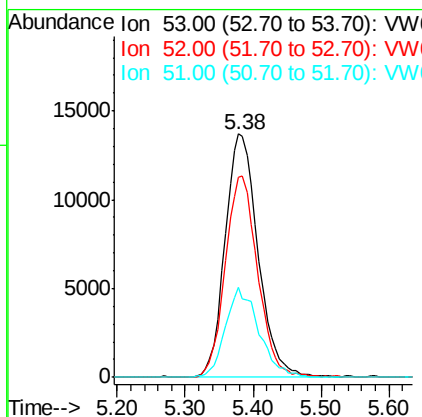
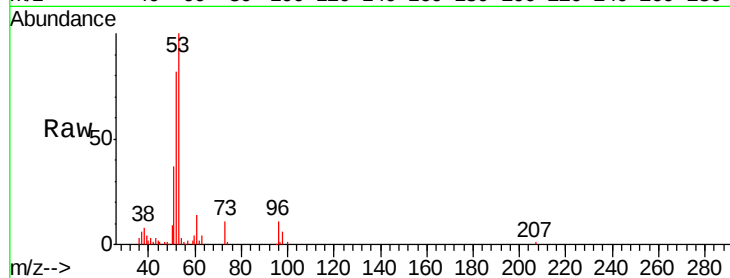
ClientSampleId :

VW1018SBS01

Tgt Ion:	53	Resp:	46054
Ion Ratio		Lower	Upper
53	100		
52	81.3	66.9	100.3
51	37.5	30.1	45.1

Manual Integrations
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#16

Acetone

Concen: 114.91 ug/l

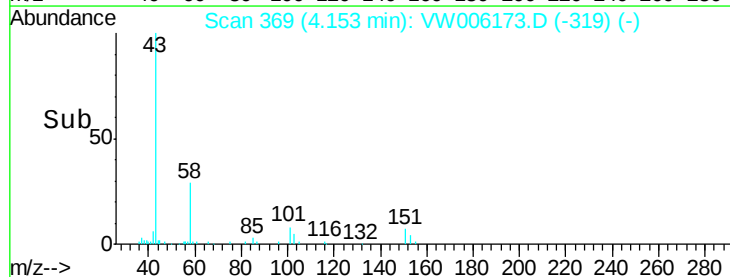
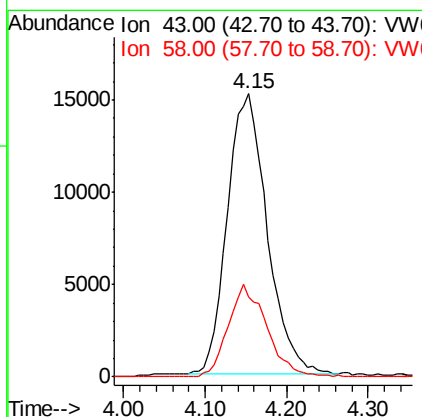
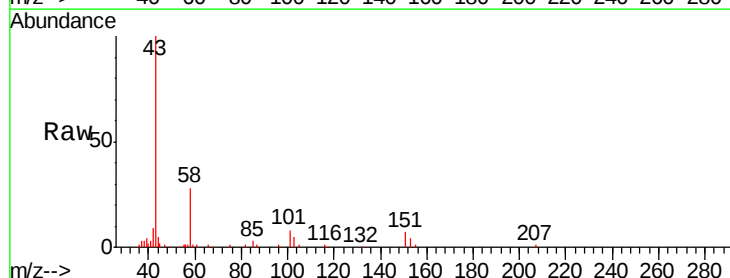
RT: 4.15 min Scan# 369

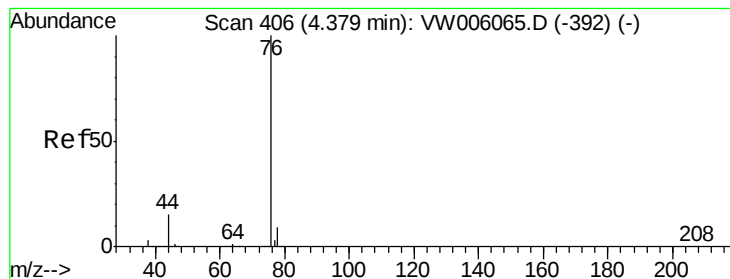
Delta R.T. 0.01 min

Lab File: VW006173.D

Acq: 18 Oct 2018 14:09

Tgt Ion:	43	Resp:	51565
Ion Ratio		Lower	Upper
43	100		
58	28.6	24.0	36.0





#17

Carbon Disulfide

Concen: 17.78 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.00 min

Lab File: VW006173.D

Acq: 18 Oct 2018 14:09

Instrument :

MSVOA_W

ClientSampleId :

VW1018SBSD01

Tgt Ion: 76 Resp: 120960

Ion Ratio Lower Upper

76 100

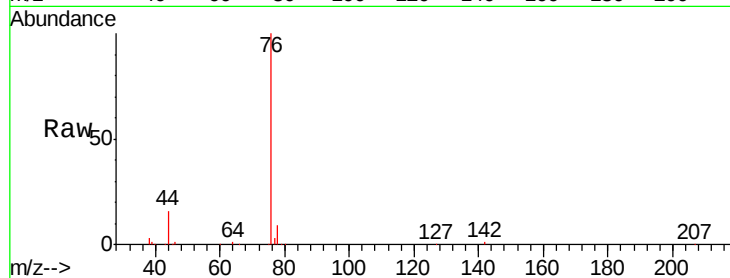
78 9.0 7.5 11.3

Manual Integrations

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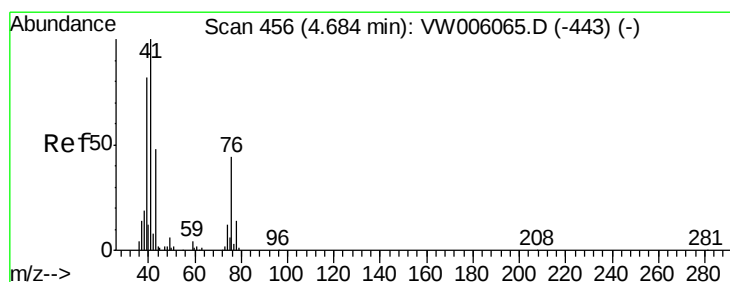
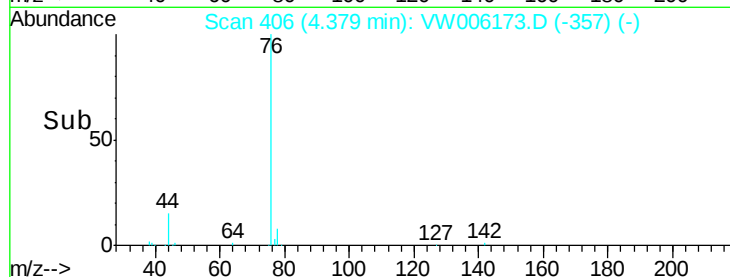
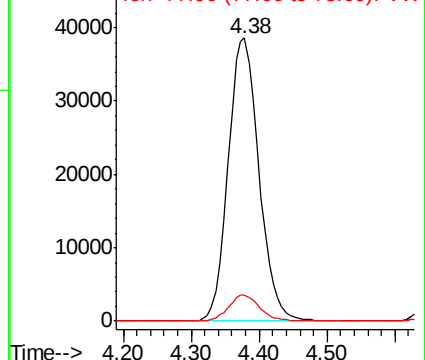
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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 19.45 ug/l

RT: 4.68 min Scan# 456

Delta R.T. -0.00 min

Lab File: VW006173.D

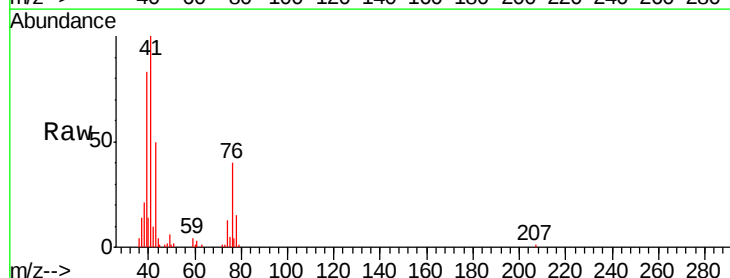
Acq: 18 Oct 2018 14:09

Tgt Ion: 43 Resp: 21892

Ion Ratio Lower Upper

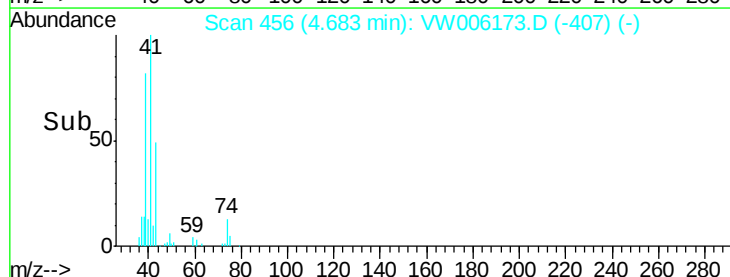
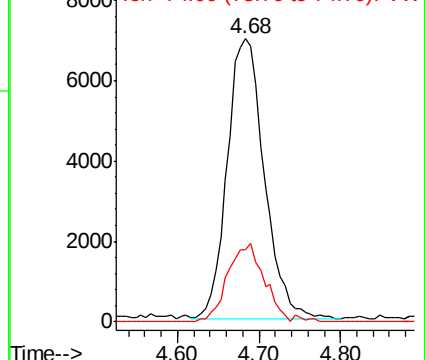
43 100

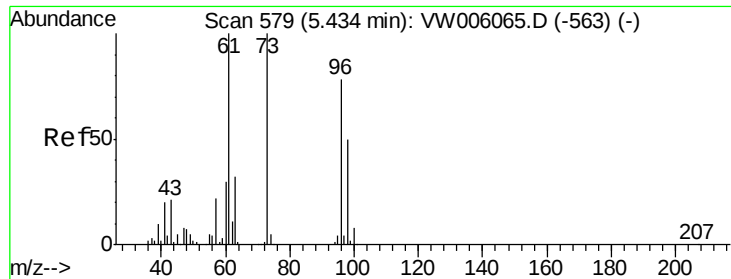
74 27.4 20.5 30.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





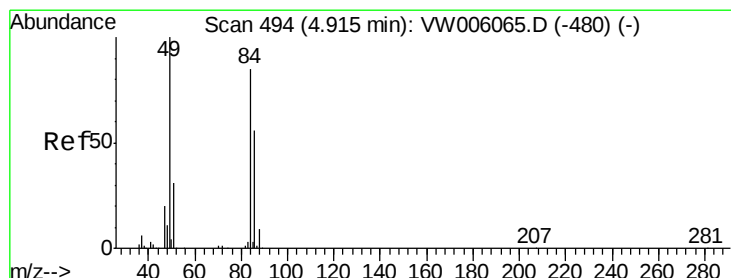
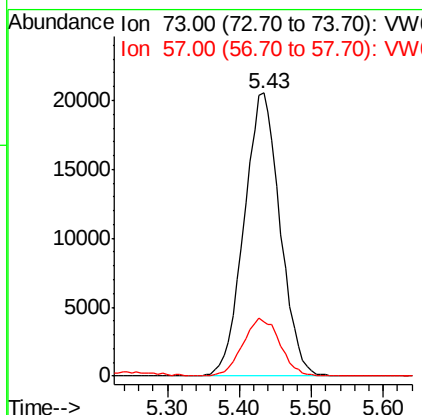
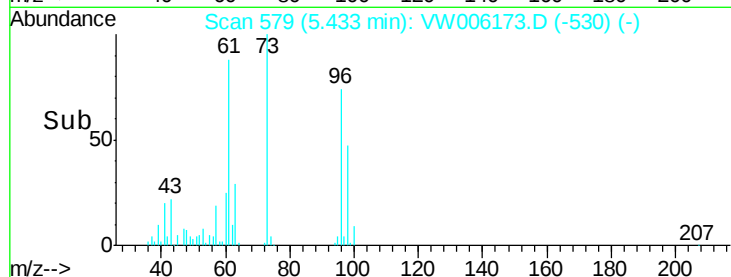
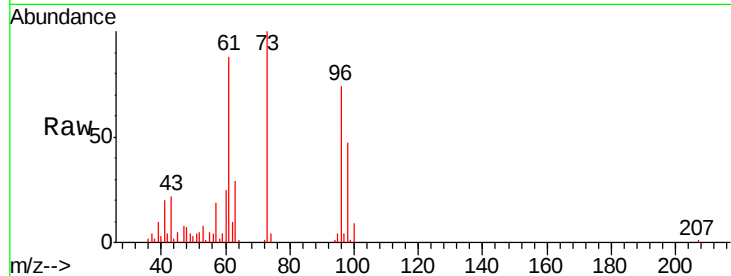
#19
Methyl tert-butyl Ether
Concen: 20.75 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW006173.D
Acq: 18 Oct 2018 14:09

Instrument :
MSVOA_W
ClientSampleId :
VW1018SBSD01

Tgt Ion: 73 Resp: 71238
Ion Ratio Lower Upper
73 100
57 19.0 17.4 26.2

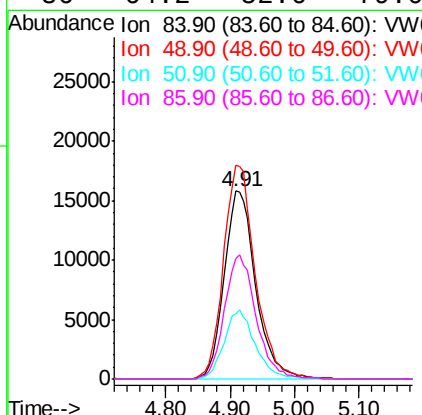
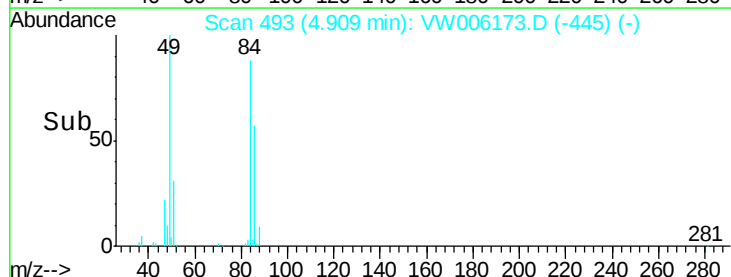
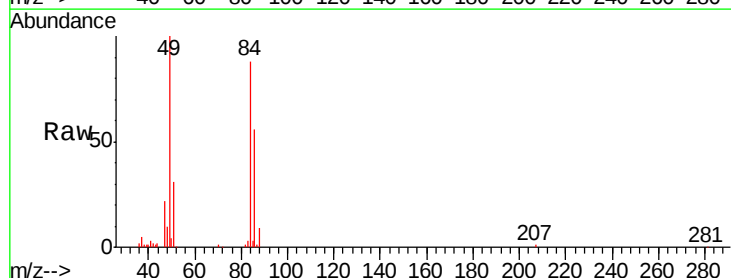
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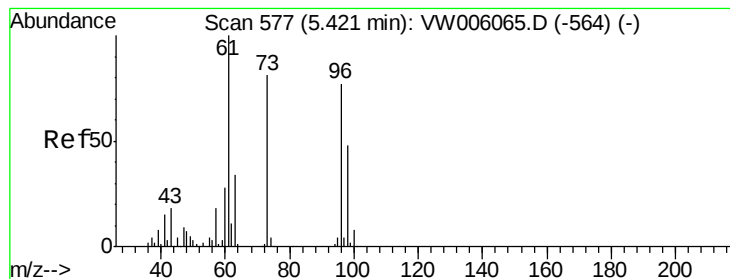
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#20
Methylene Chloride
Concen: 22.02 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006173.D
Acq: 18 Oct 2018 14:09

Tgt Ion: 84 Resp: 54268
Ion Ratio Lower Upper
84 100
49 113.6 93.6 140.4
51 34.7 29.0 43.4
86 64.2 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 20.18 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW006173.D

Acq: 18 Oct 2018 14:09

Instrument :

MSVOA_W

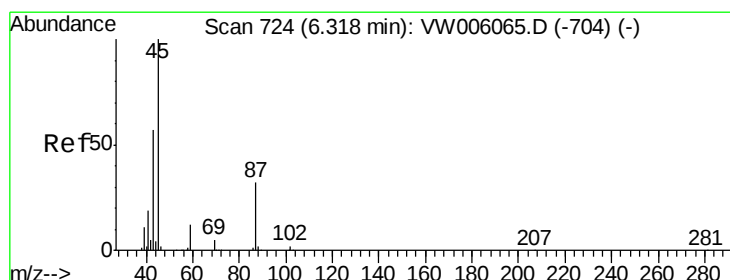
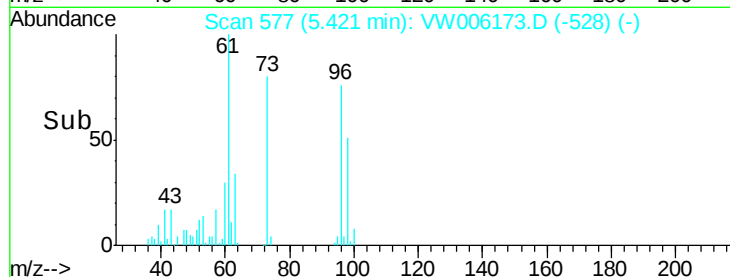
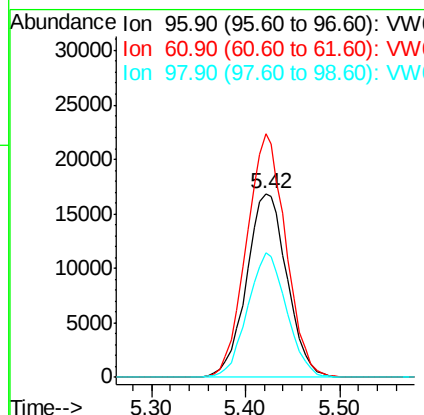
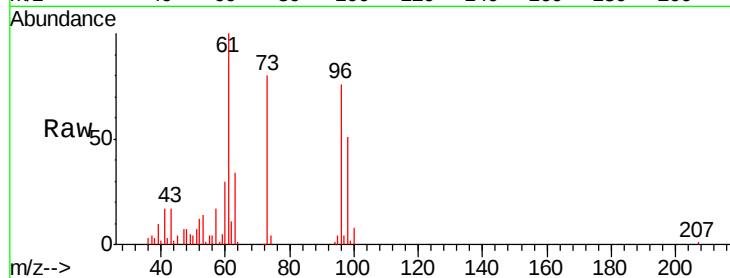
ClientSampleId :

VW1018SBS01

Tgt Ion:	96	Resp:	50770
Ion	Ratio	Lower	Upper
96	100		
61	132.3	104.5	156.7
98	67.8	50.6	75.8

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#22

Diisopropyl ether

Concen: 20.08 ug/l

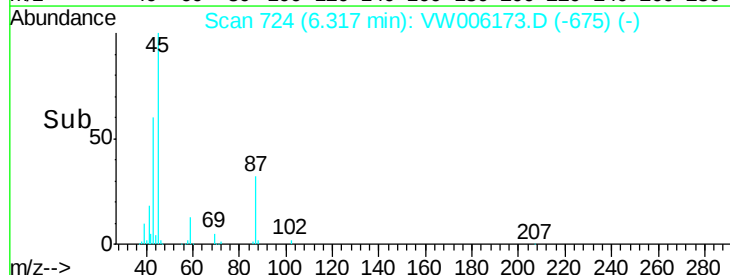
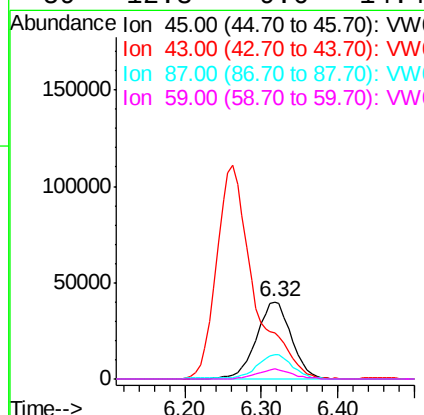
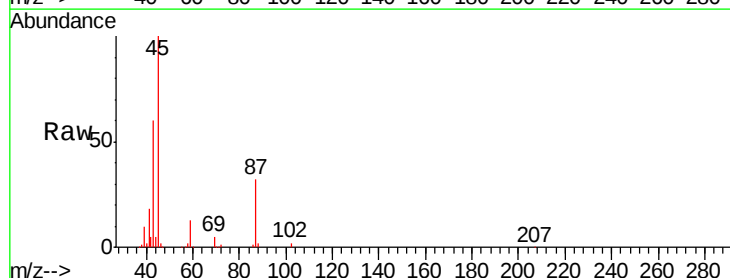
RT: 6.32 min Scan# 724

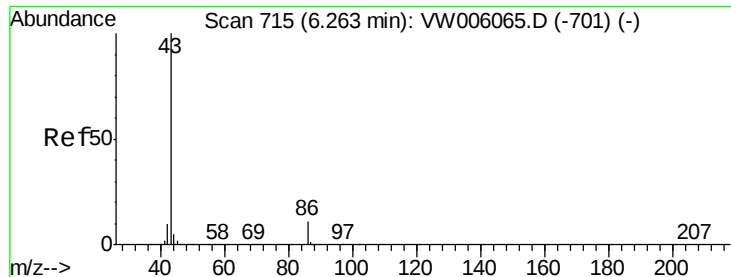
Delta R.T. -0.00 min

Lab File: VW006173.D

Acq: 18 Oct 2018 14:09

Tgt Ion:	45	Resp:	127882
Ion	Ratio	Lower	Upper
45	100		
43	58.7	45.7	68.5
87	31.7	25.9	38.9
59	12.3	9.6	14.4





#23

Vinyl Acetate

Concen: 99.18 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW006173.D

Acq: 18 Oct 2018 14:09

Instrument :

MSVOA_W

ClientSampleId :

VW1018SBSD01

Tgt Ion: 43 Resp: 372744

Ion Ratio Lower Upper

43 100

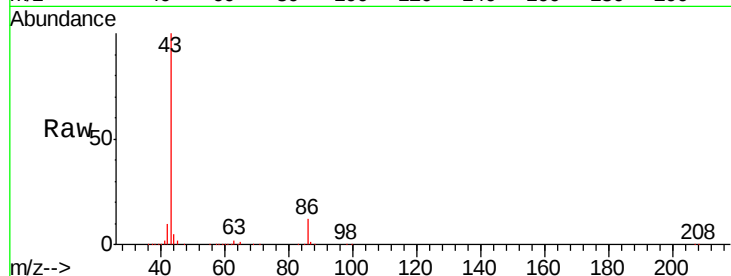
86 11.7 9.0 13.6

Manual Integrations

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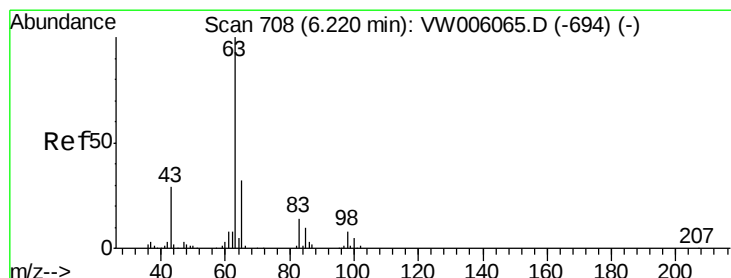
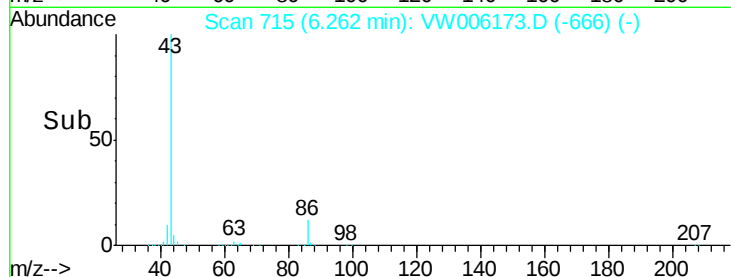
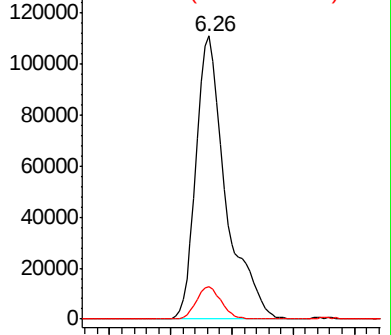
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 20.35 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.00 min

Lab File: VW006173.D

Acq: 18 Oct 2018 14:09

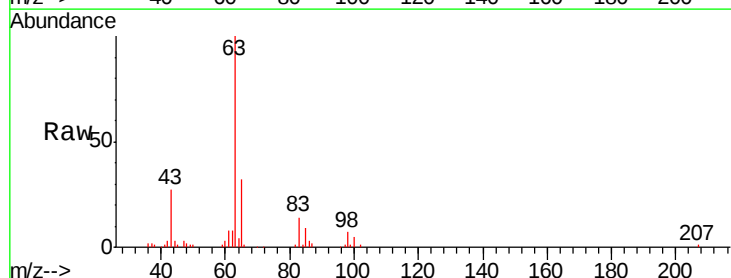
Tgt Ion: 63 Resp: 83634

Ion Ratio Lower Upper

63 100

98 7.0 3.8 11.2

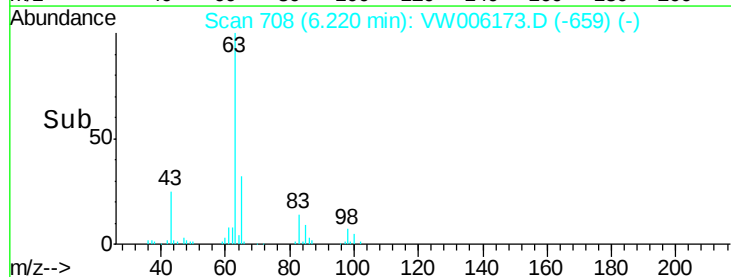
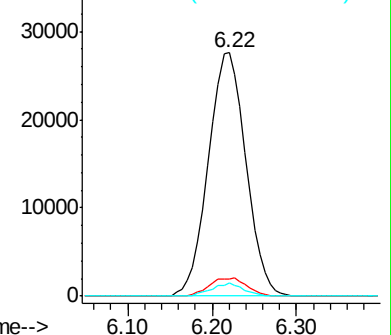
100 5.3 2.5 7.5



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





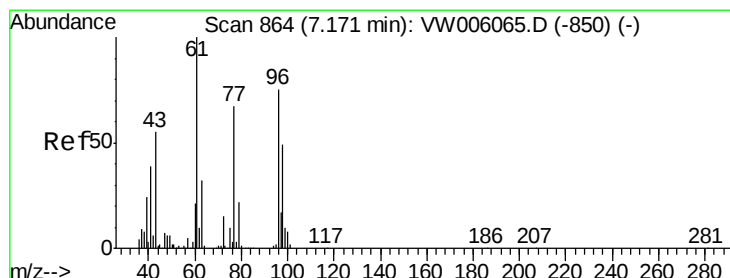
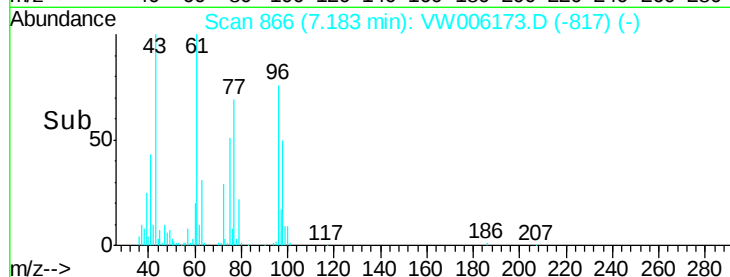
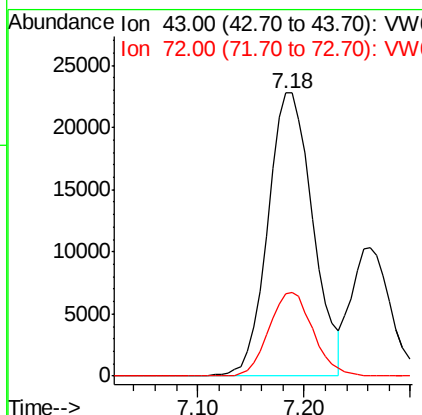
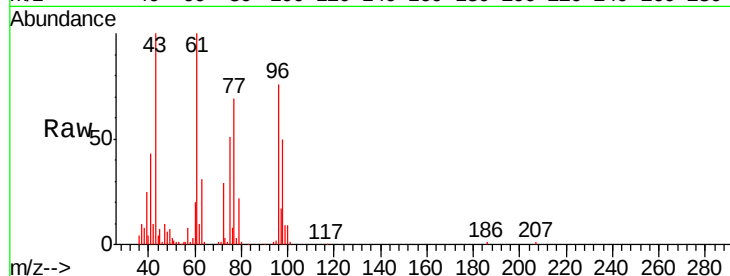
#25
2-Butanone
Concen: 110.62 ug/l
RT: 7.18 min Scan# 866
Delta R.T. -0.00 min
Lab File: VW006173.D
Acq: 18 Oct 2018 14:09

Instrument :
MSVOA_W
ClientSampleId :
VW1018SBS01

Tgt Ion: 43 Resp: 66828
Ion Ratio Lower Upper
43 100
72 29.3 22.8 34.2

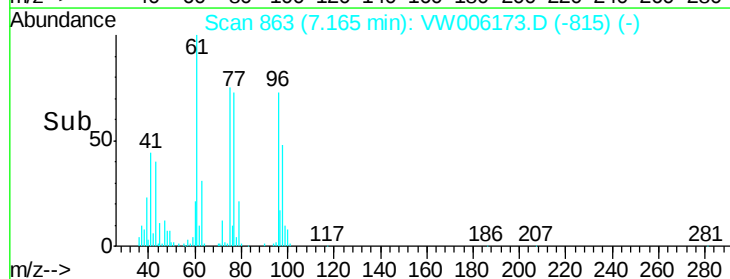
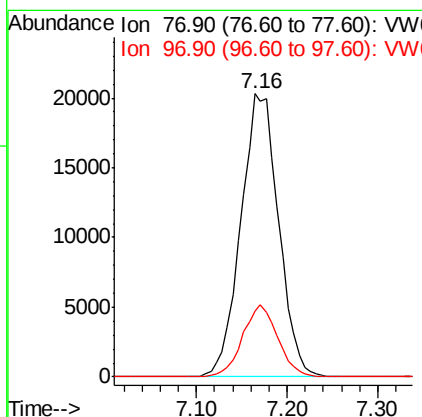
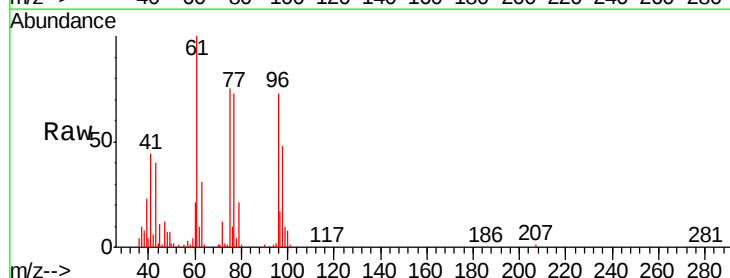
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#26
2,2-Dichloropropane
Concen: 20.17 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW006173.D
Acq: 18 Oct 2018 14:09

Tgt Ion: 77 Resp: 58450
Ion Ratio Lower Upper
77 100
97 23.7 12.2 36.4





#27

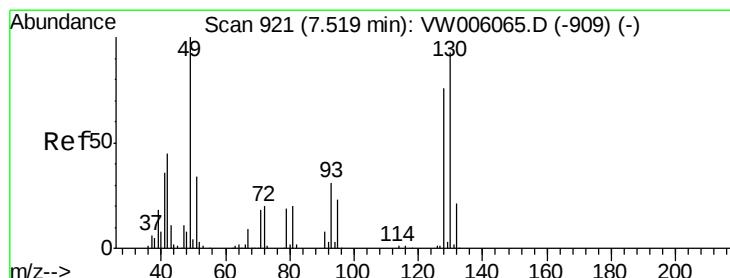
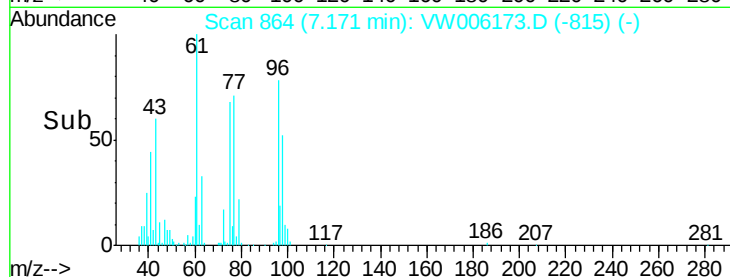
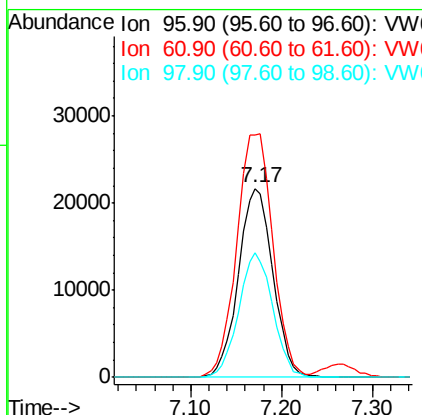
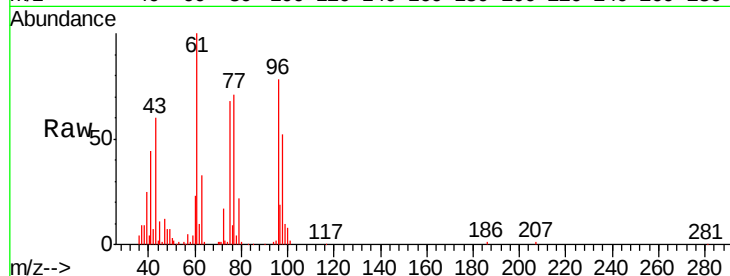
cis-1,2-Dichloroethene
 Concen: 20.60 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VW006173.D
 Acq: 18 Oct 2018 14:09

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1018SBSD01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	135.3	0.0	267.2
98	64.8	0.0	128.6

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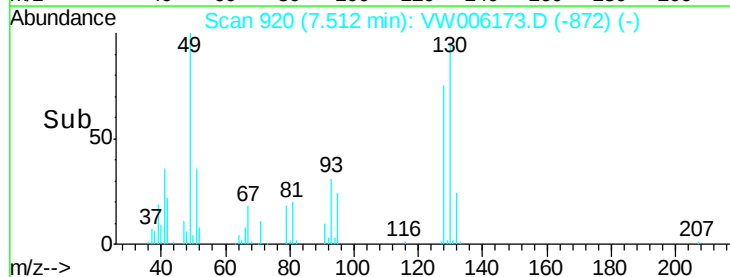
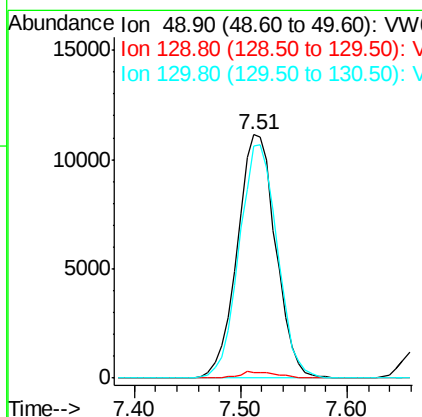
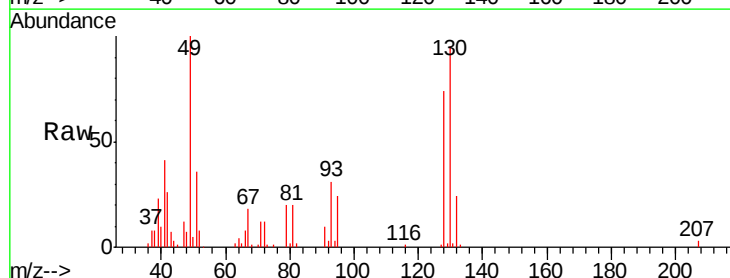
apatel
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#28

Bromochloromethane
 Concen: 17.78 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VW006173.D
 Acq: 18 Oct 2018 14:09

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.0
130	95.0	73.8	110.8





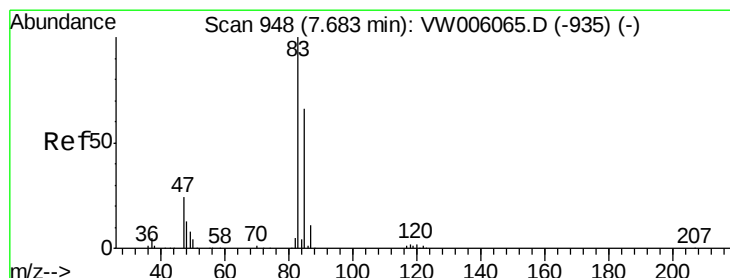
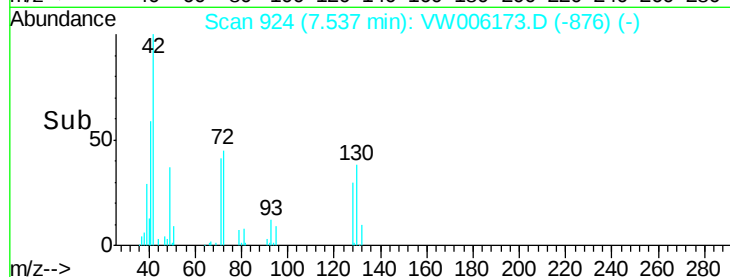
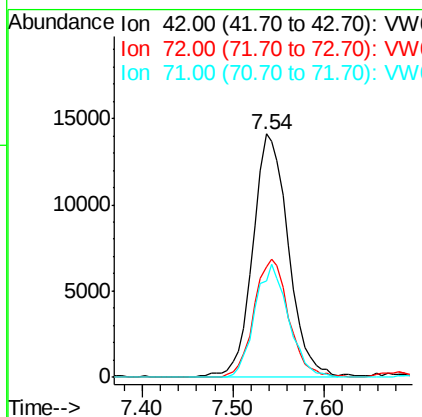
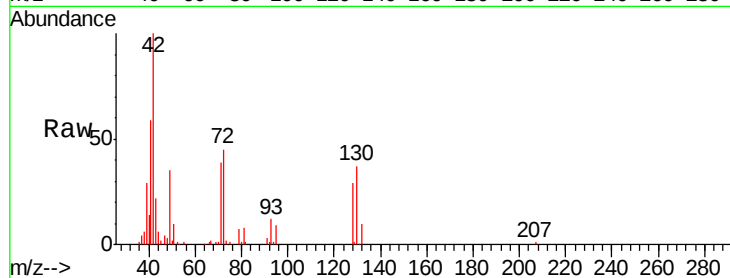
#29
Tetrahydrofuran
Concen: 103.31 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.01 min
Lab File: VW006173.D
Acq: 18 Oct 2018 14:09

Instrument :
MSVOA_W
ClientSampleId :
VW1018SBSD01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	47.5	38.0	57.0
71	43.9	35.3	52.9

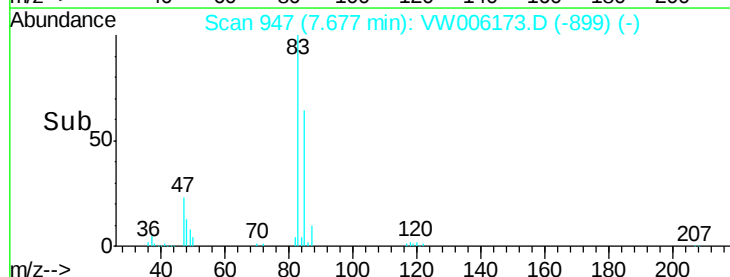
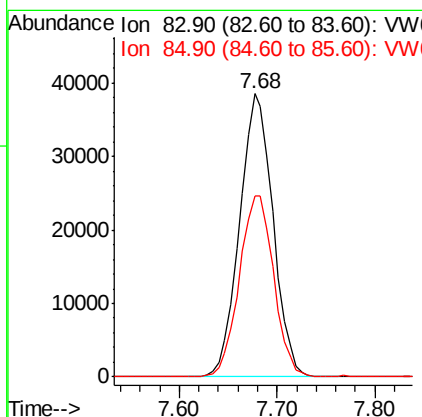
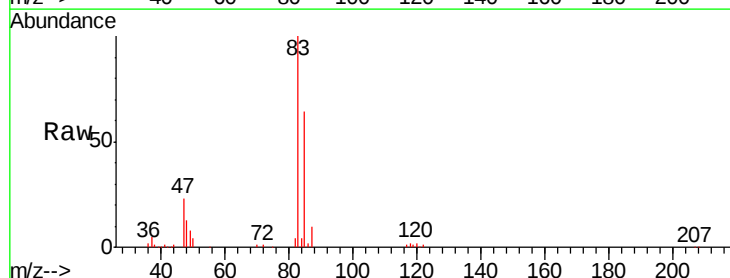
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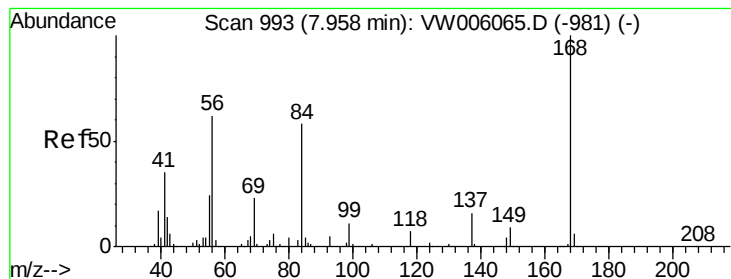
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#30
Chloroform
Concen: 20.36 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.01 min
Lab File: VW006173.D
Acq: 18 Oct 2018 14:09

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	52.6	79.0





#31

Cyclohexane

Concen: 19.76 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW006173.D

Acq: 18 Oct 2018 14:09

Instrument :

MSVOA_W

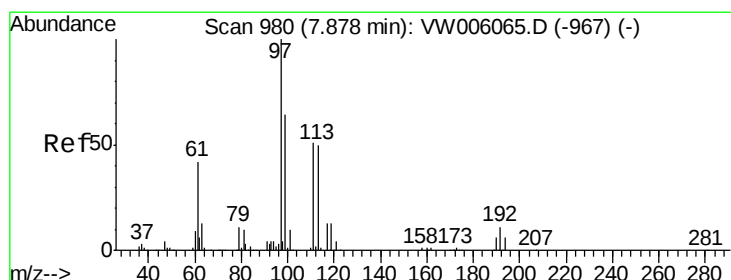
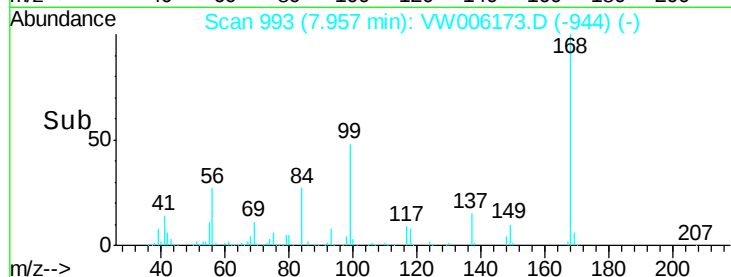
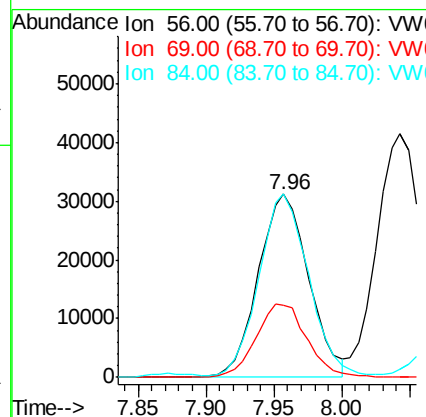
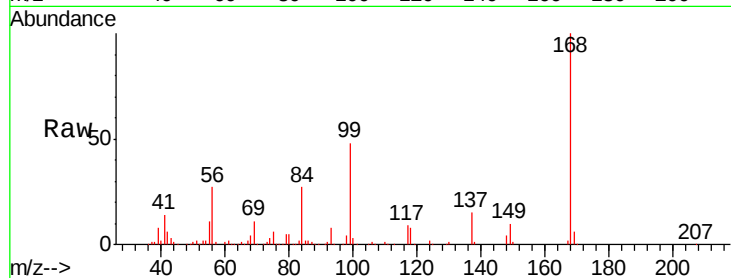
ClientSampleId :

VW1018SBS01

Tgt Ion:	56	Resp:	80852
Ion Ratio	Lower	Upper	
56	100		
69	39.7	29.4	44.0
84	99.0	74.0	111.0

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#32

1,1,1-Trichloroethane

Concen: 20.00 ug/l

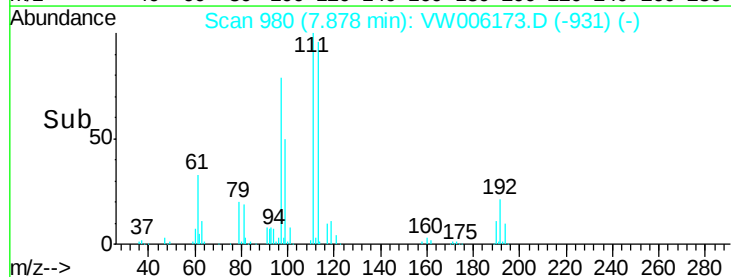
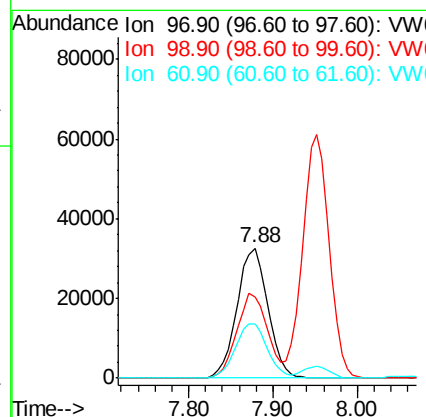
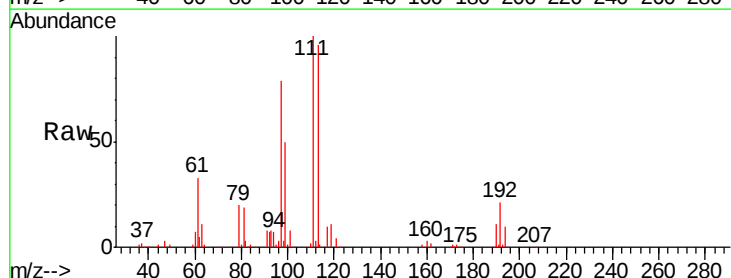
RT: 7.88 min Scan# 980

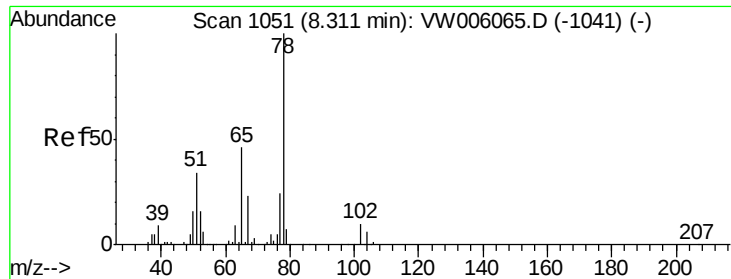
Delta R.T. -0.00 min

Lab File: VW006173.D

Acq: 18 Oct 2018 14:09

Tgt Ion:	97	Resp:	80773
Ion Ratio	Lower	Upper	
97	100		
99	64.6	50.9	76.3
61	43.3	33.7	50.5





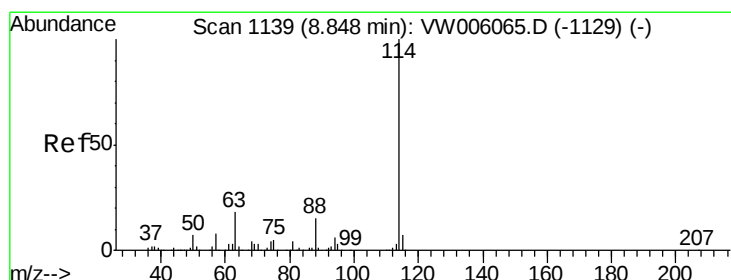
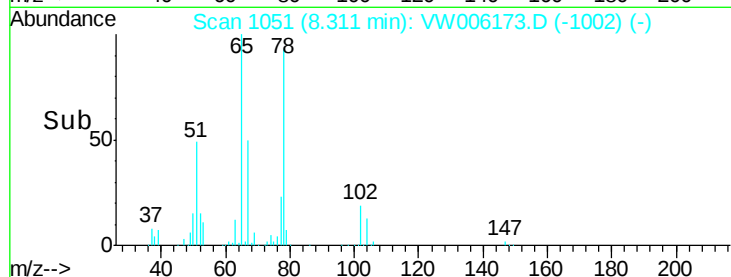
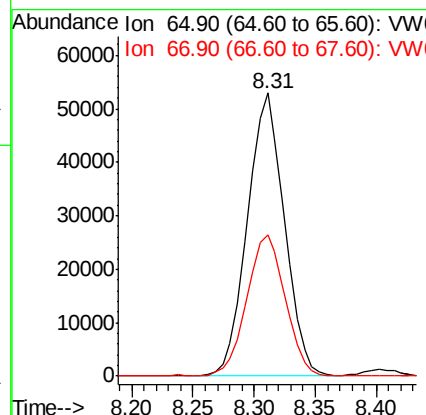
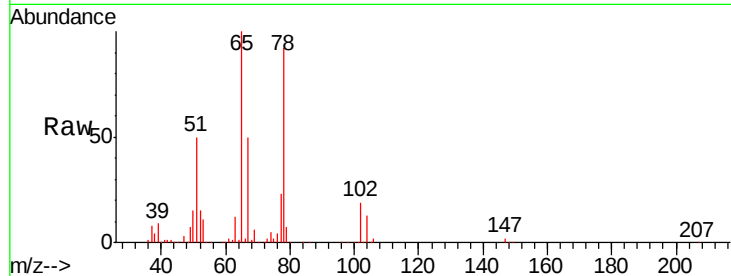
#33
 1,2-Dichloroethane-d4
 Concen: 49.93 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006173.D
 Acq: 18 Oct 2018 14:09

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1018SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	111653		
67	51.6	0.0	101.0	

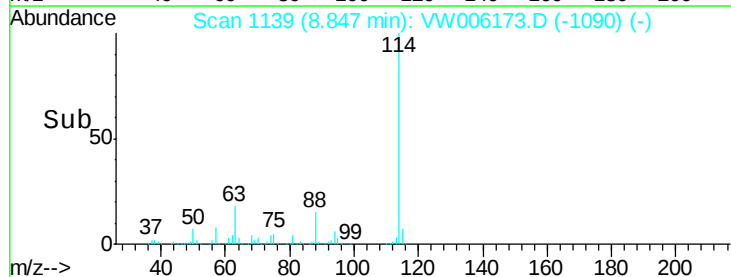
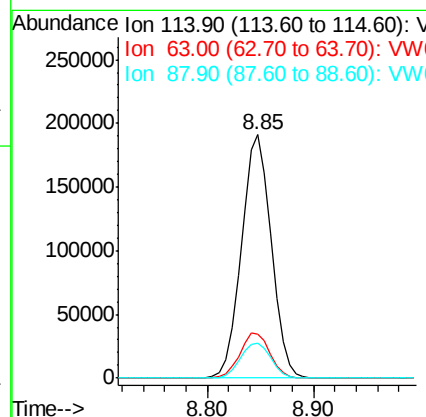
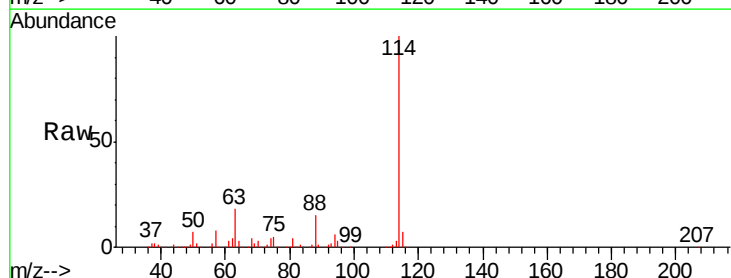
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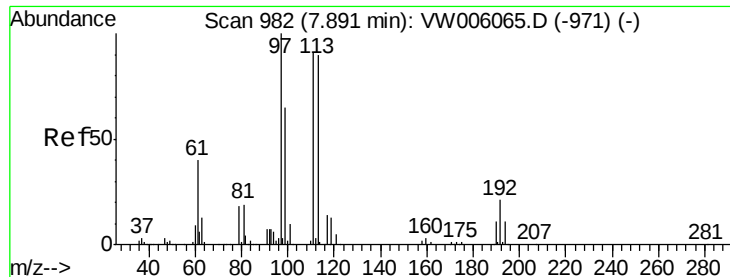
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006173.D
 Acq: 18 Oct 2018 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	375071		
63	18.3	0.0	36.8	
88	14.6	0.0	29.0	





#35

Dibromofluoromethane

Concen: 50.83 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006173.D

Acq: 18 Oct 2018 14:09

Instrument :

MSVOA_W

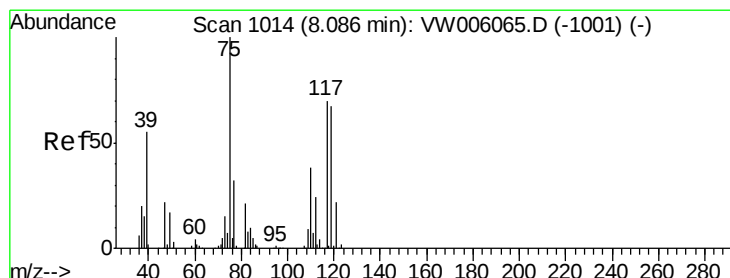
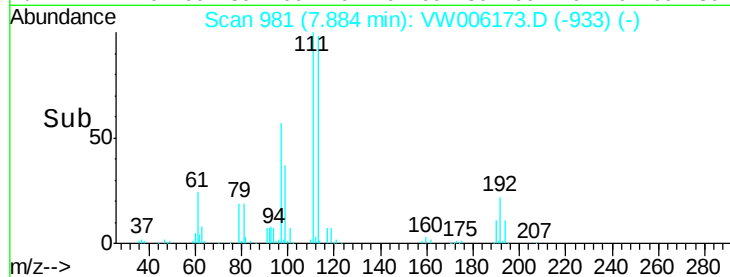
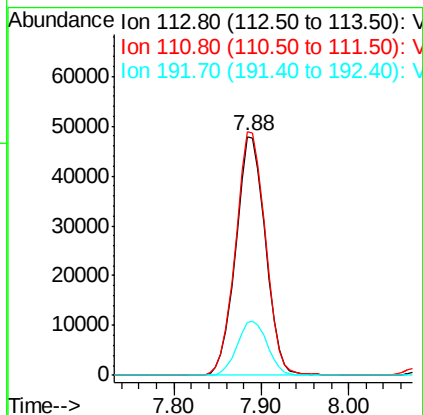
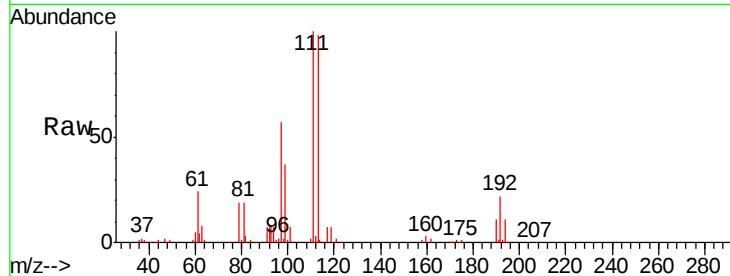
ClientSampleId :

VW1018SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	112648		
111	102.9	81.4	122.0	
192	23.1	18.7	28.1	

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#36

1,1-Dichloropropene

Concen: 21.30 ug/l

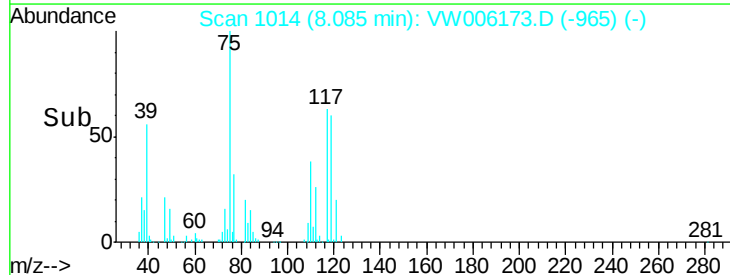
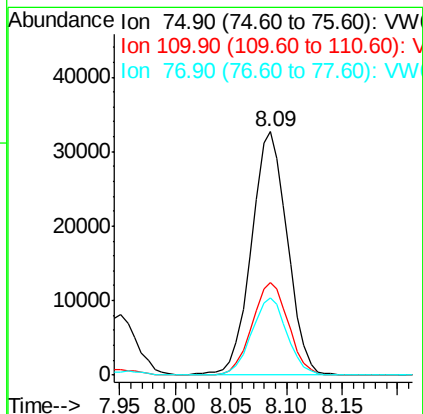
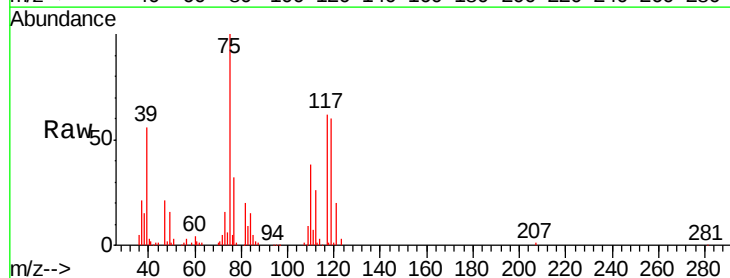
RT: 8.09 min Scan# 1014

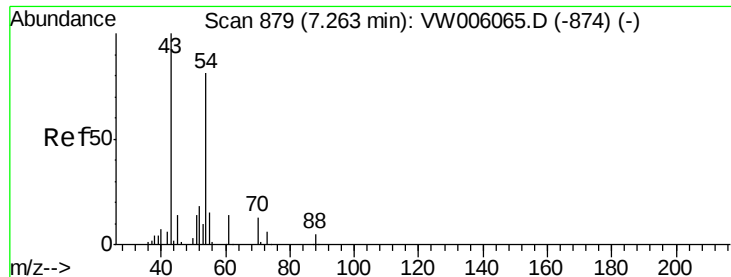
Delta R.T. -0.00 min

Lab File: VW006173.D

Acq: 18 Oct 2018 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	73641		
110	38.2	19.1	57.1	
77	31.3	25.0	37.4	





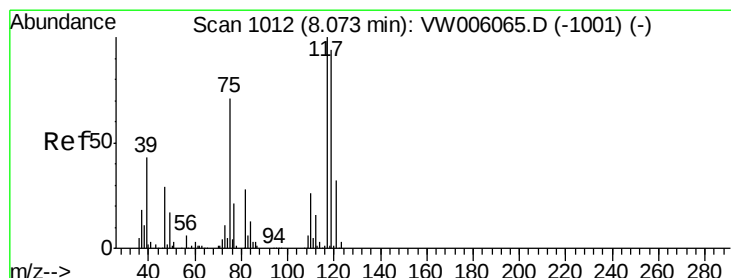
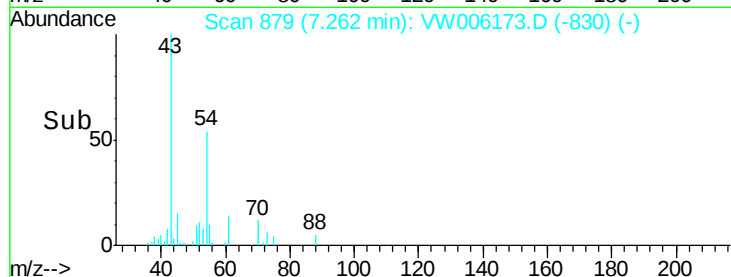
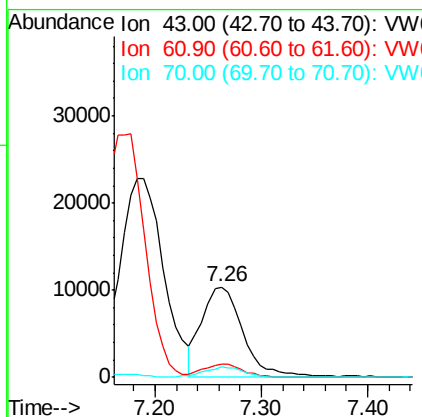
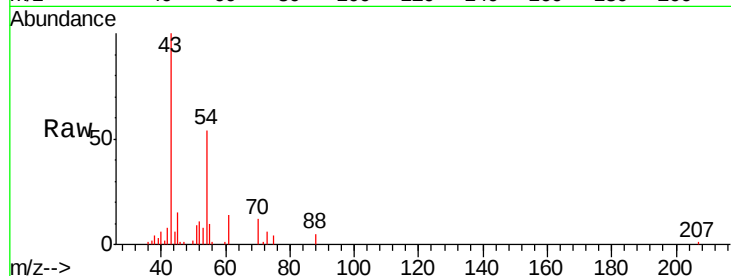
#37
Ethyl Acetate
Concen: 21.30 ug/l
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: VW006173.D
Acq: 18 Oct 2018 14:09

Instrument :
MSVOA_W
ClientSampleId :
VW1018SBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.5	17.3
70	11.2	9.2	13.8

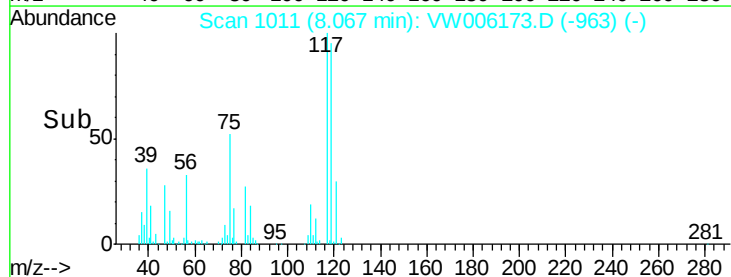
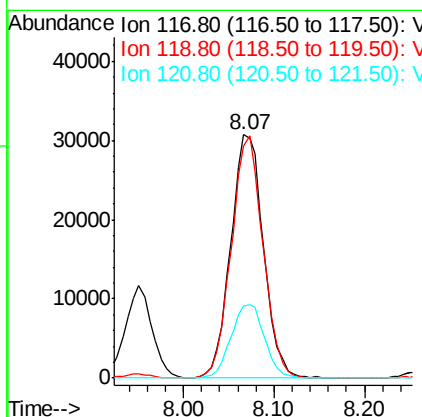
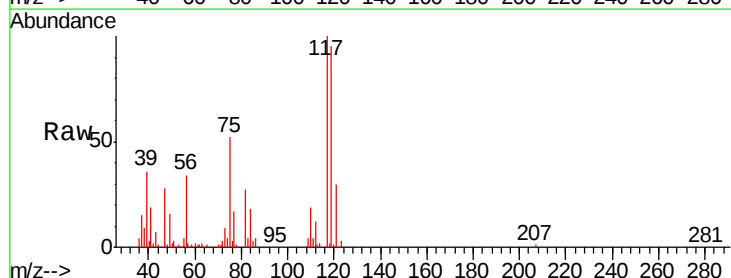
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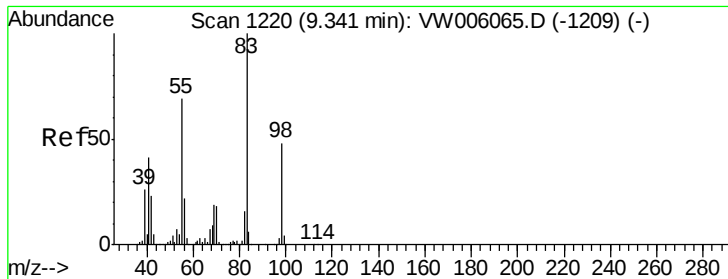
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#38
Carbon Tetrachloride
Concen: 20.28 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006173.D
Acq: 18 Oct 2018 14:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.3	75.2	112.8
121	29.9	25.3	37.9





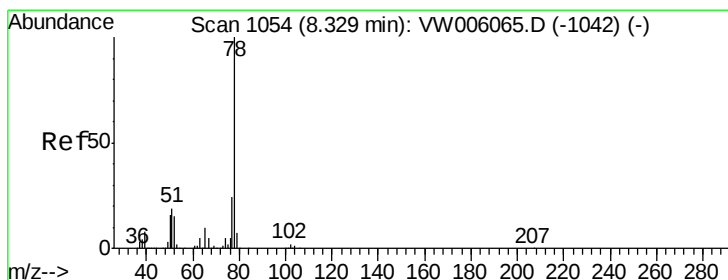
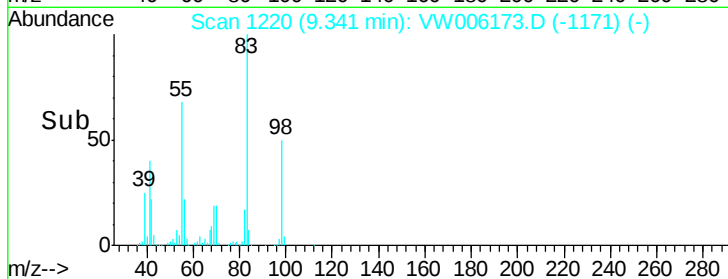
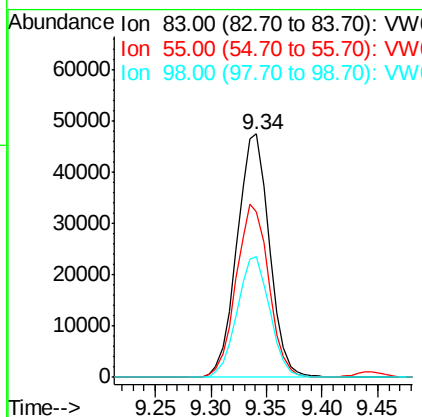
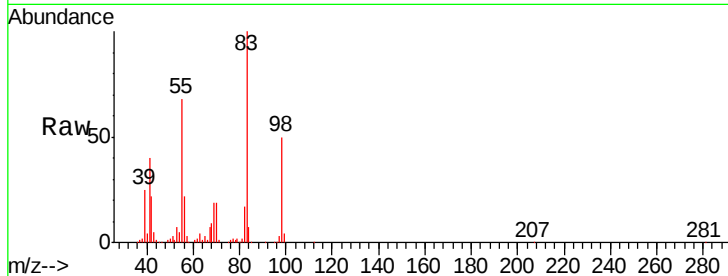
#39
Methylcyclohexane
Concen: 20.82 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW006173.D
Acq: 18 Oct 2018 14:09

Instrument :
MSVOA_W
ClientSampleId :
VW1018SBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	68.1	55.0	82.6
98	49.7	38.6	57.8

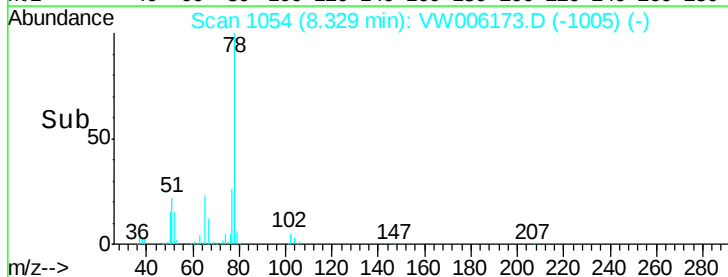
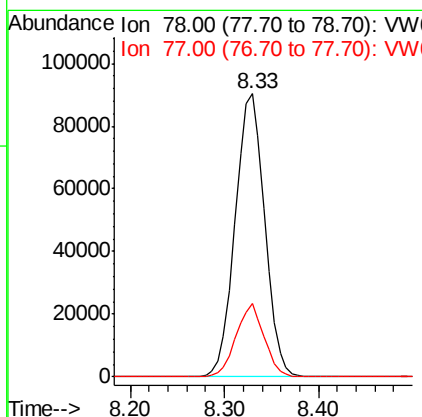
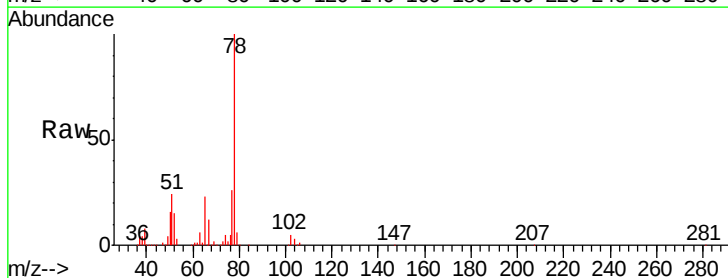
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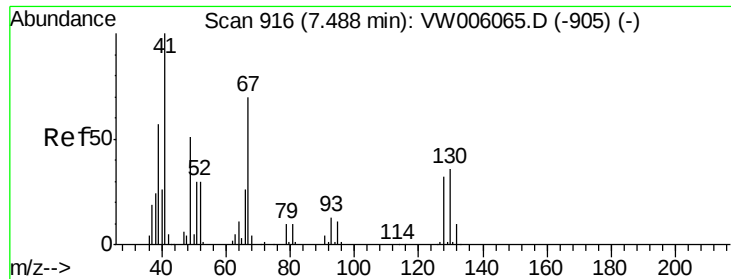
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#40
Benzene
Concen: 20.80 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW006173.D
Acq: 18 Oct 2018 14:09

Tgt Ion	Ratio	Lower	Upper
78	100		
77	26.0	19.4	29.0





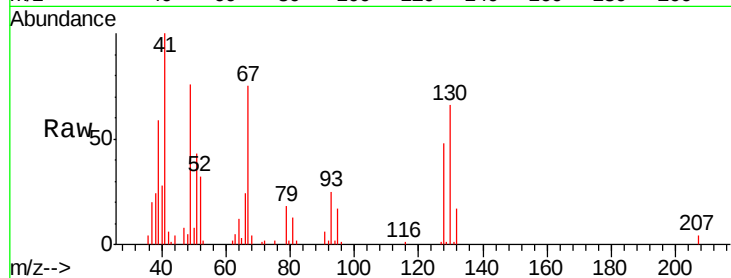
#41
Methacrylonitrile
Concen: 20.81 ug/l
RT: 7.49 min Scan# 917
Delta R.T. 0.01 min
Lab File: VW006173.D
Acq: 18 Oct 2018 14:09

Instrument :
MSVOA_W
ClientSampleId :
VW1018SBS01

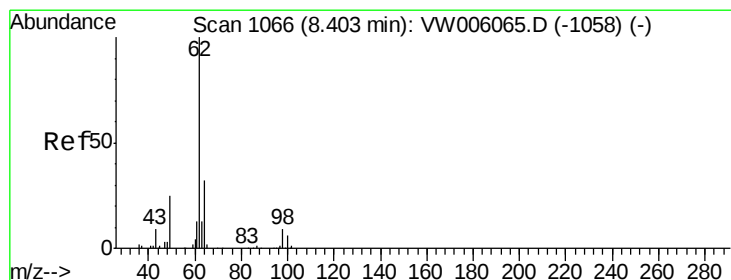
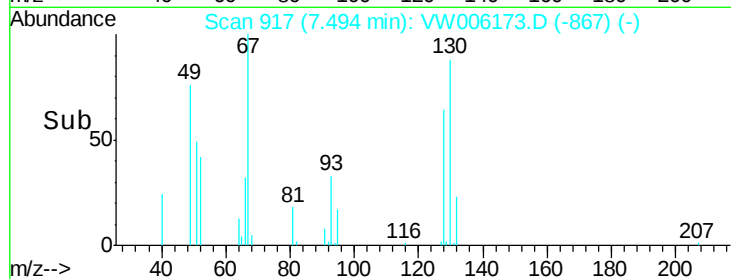
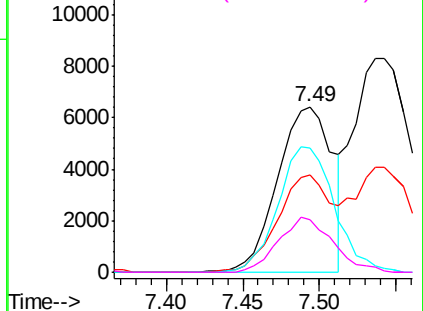
Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	58.0	46.2	69.4	
67	77.3	57.7	86.5	
52	32.5	24.7	37.1	

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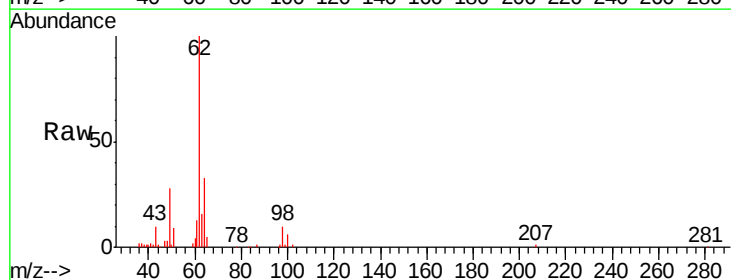


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

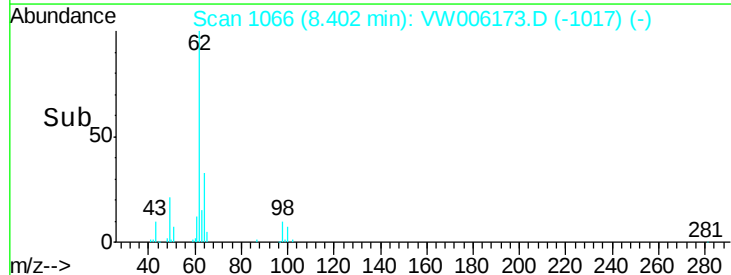
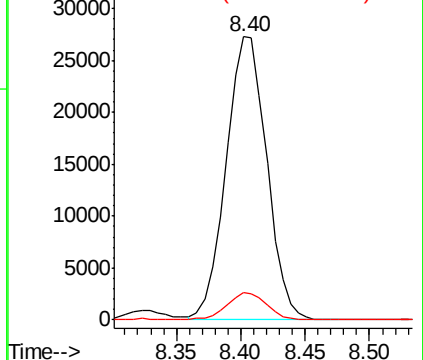


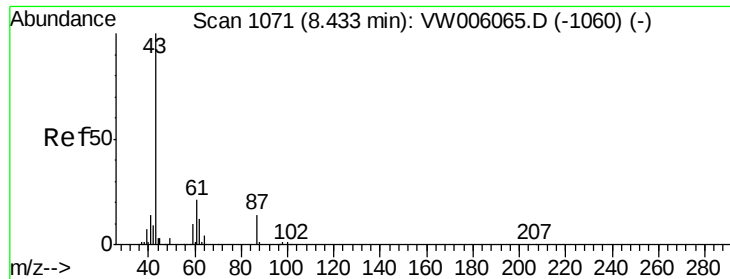
#42
1,2-Dichloroethane
Concen: 21.48 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW006173.D
Acq: 18 Oct 2018 14:09

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.3	0.0	18.4	



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





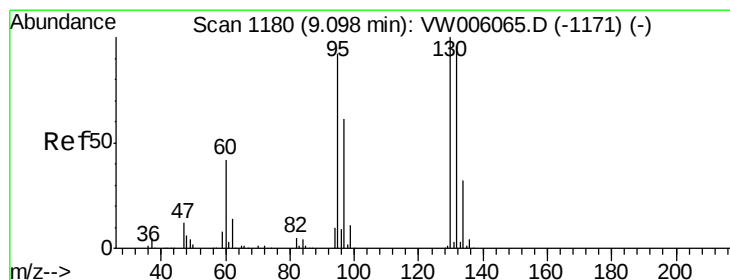
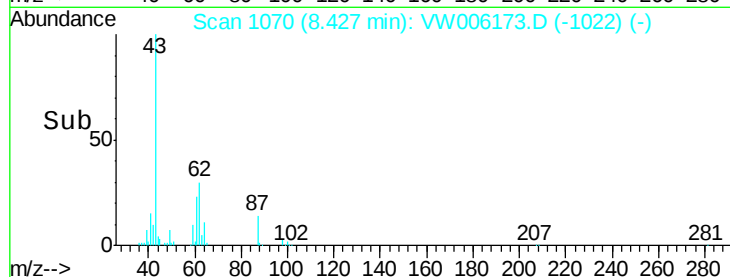
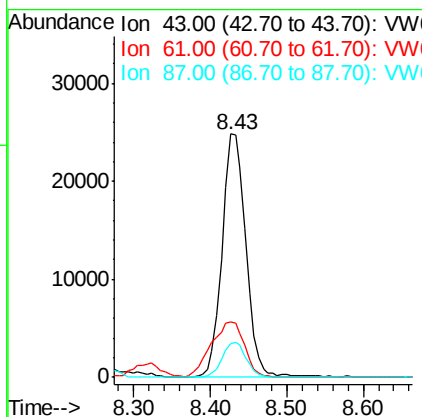
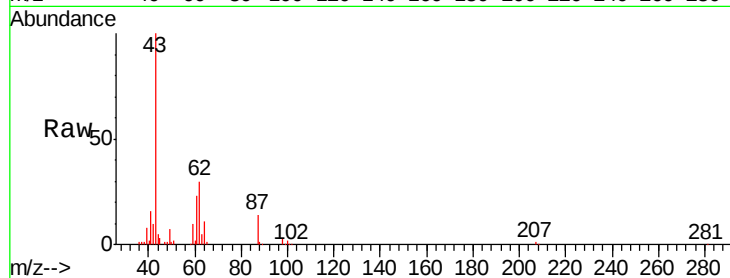
#43
Isopropyl Acetate
Concen: 20.43 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. -0.01 min
Lab File: VW006173.D
Acq: 18 Oct 2018 14:09

Instrument :
MSVOA_W
ClientSampleId :
VW1018SBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	31.9	25.5	38.3
87	14.4	11.7	17.5

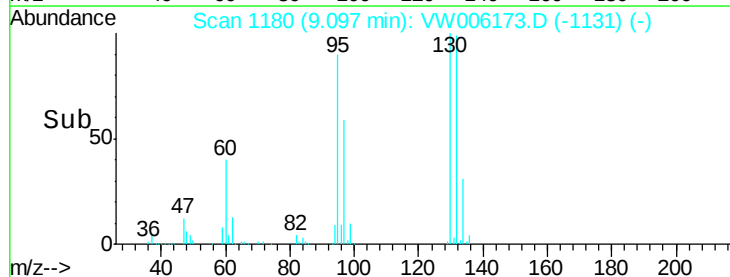
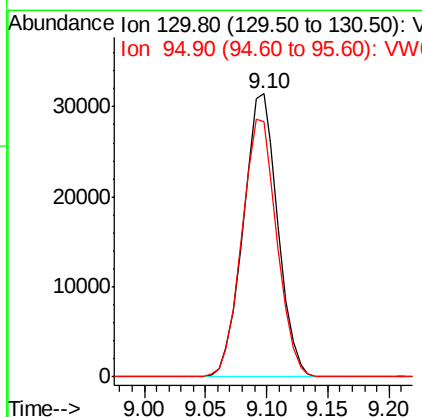
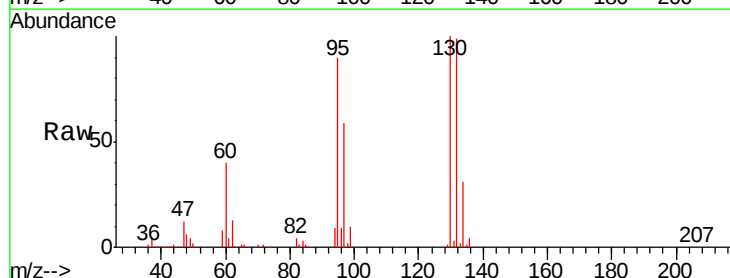
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#44
Trichloroethene
Concen: 21.17 ug/l
RT: 9.10 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VW006173.D
Acq: 18 Oct 2018 14:09

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.3	0.0	183.2





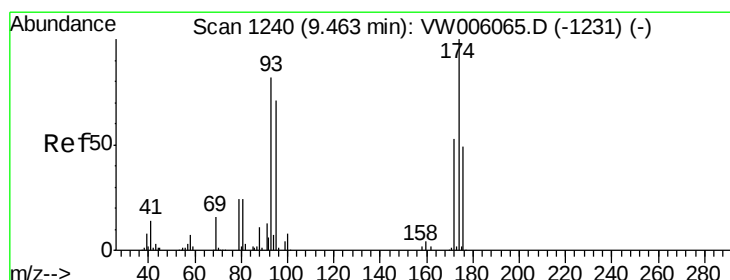
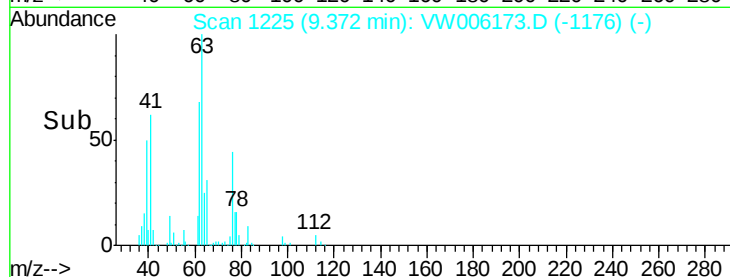
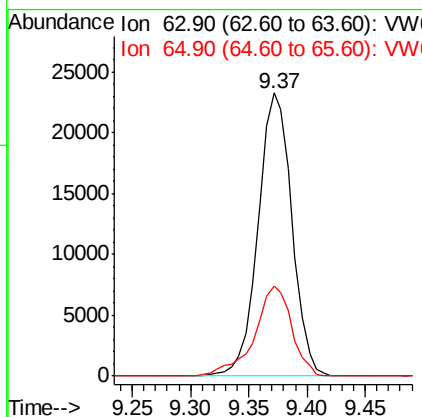
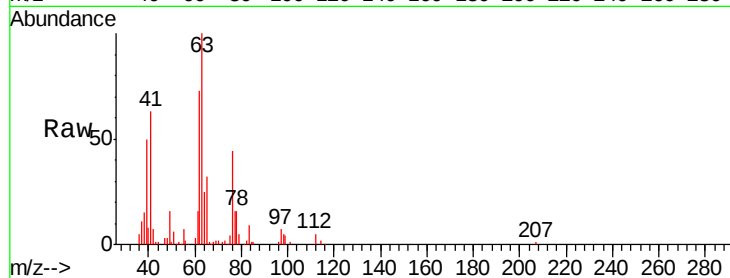
#45
 1,2-Dichloropropane
 Concen: 20.72 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW006173.D
 Acq: 18 Oct 2018 14:09

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1018SBS01

Tgt Ion: 63 Resp: 47010
 Ion Ratio Lower Upper
 63 100
 65 31.7 25.4 38.0

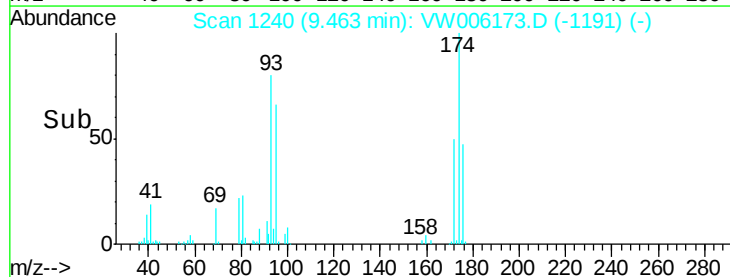
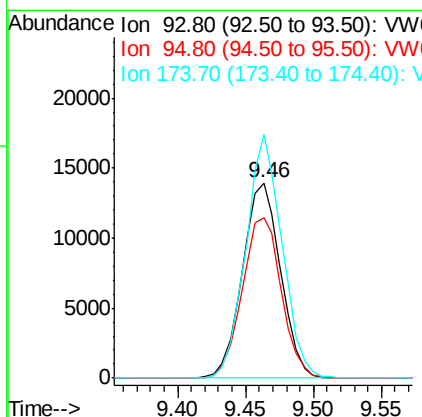
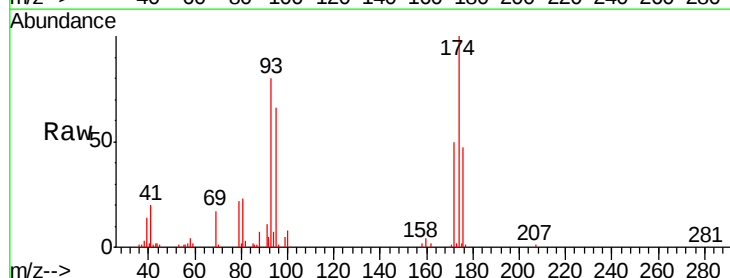
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#46
 Dibromomethane
 Concen: 21.13 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW006173.D
 Acq: 18 Oct 2018 14:09

Tgt Ion: 93 Resp: 27324
 Ion Ratio Lower Upper
 93 100
 95 84.4 67.7 101.5
 174 118.4 93.7 140.5





#47

Bromodichloromethane

Concen: 19.76 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW006173.D

Acq: 18 Oct 2018 14:09

Instrument :

MSVOA_W

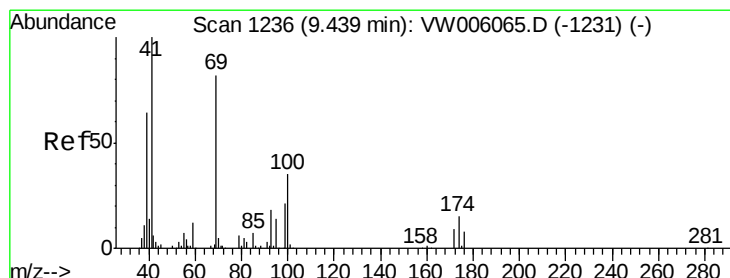
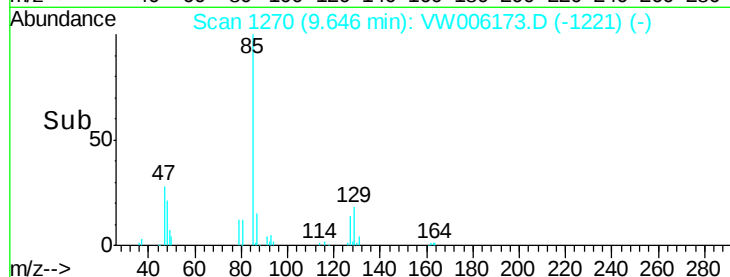
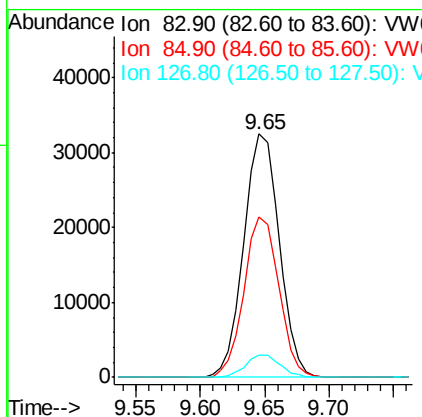
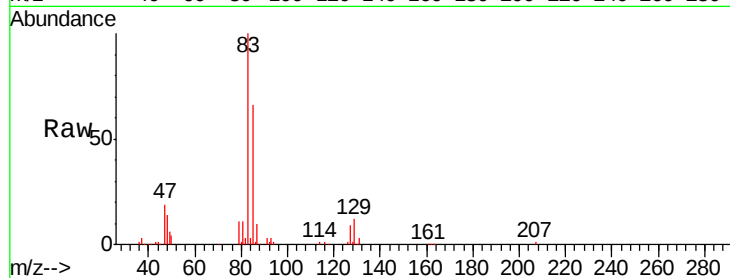
ClientSampleId :

VW1018SBS01

Tgt Ion:	83	Resp:	61964
Ion	Ratio	Lower	Upper
83	100		
85	65.7	51.8	77.8
127	9.1	6.9	10.3

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#48

Methyl methacrylate

Concen: 20.99 ug/l

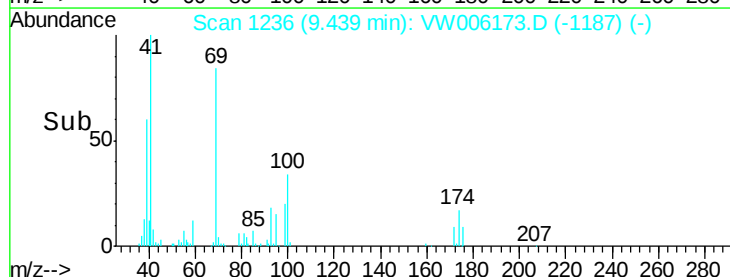
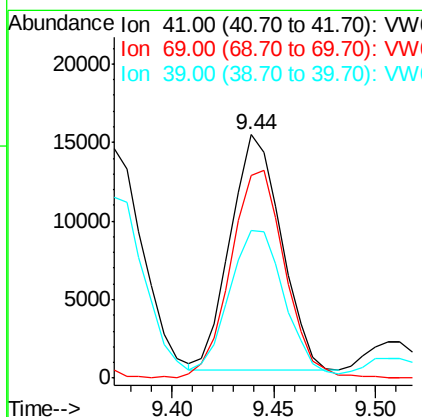
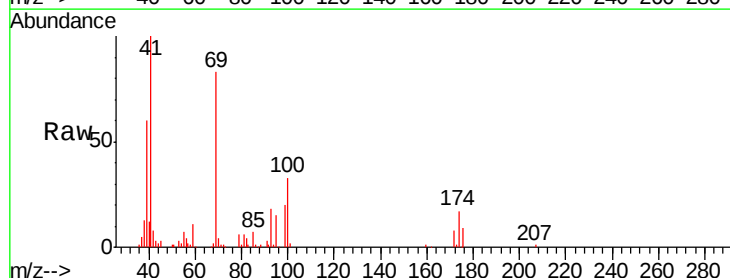
RT: 9.44 min Scan# 1236

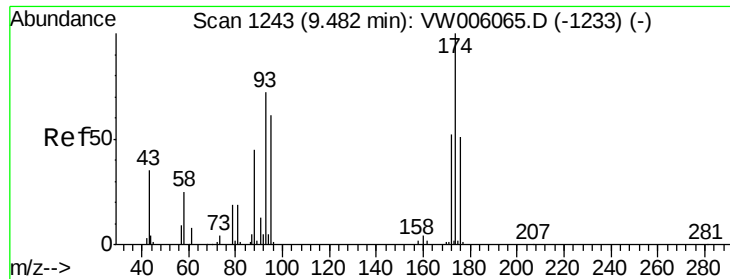
Delta R.T. -0.00 min

Lab File: VW006173.D

Acq: 18 Oct 2018 14:09

Tgt Ion:	41	Resp:	26126
Ion	Ratio	Lower	Upper
41	100		
69	93.9	71.8	107.8
39	64.5	52.5	78.7





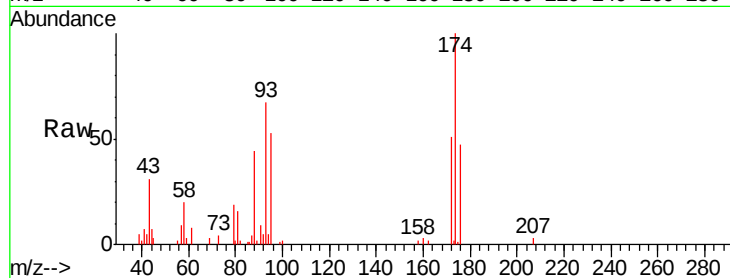
#49
1,4-Dioxane
Concen: 429.82 ug/l
RT: 9.48 min Scan# 1243
Delta R.T. -0.00 min
Lab File: VW006173.D
Acq: 18 Oct 2018 14:09

Instrument :
MSVOA_W
ClientSampleId :
VW1018SBS01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	64.1	51.2	76.8

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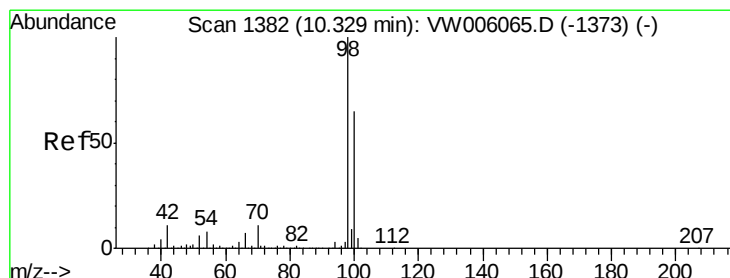
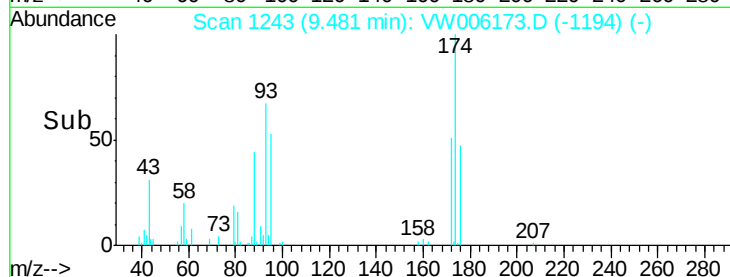
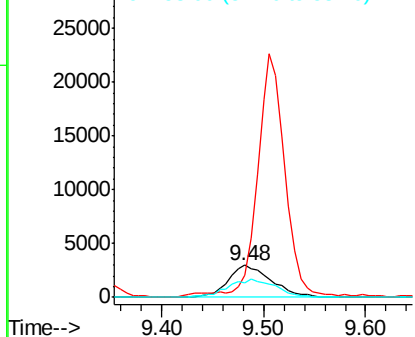


Abundance

Ion 88.00 (87.70 to 88.70): VW

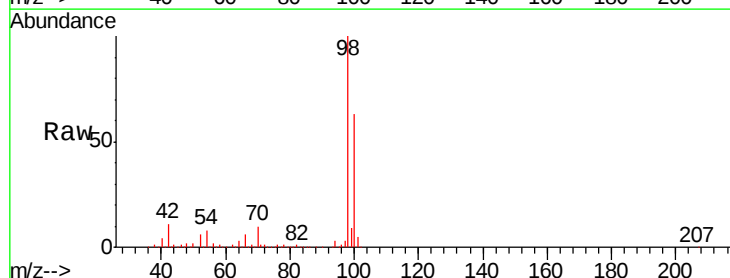
Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50
Toluene-d8
Concen: 50.76 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006173.D
Acq: 18 Oct 2018 14:09

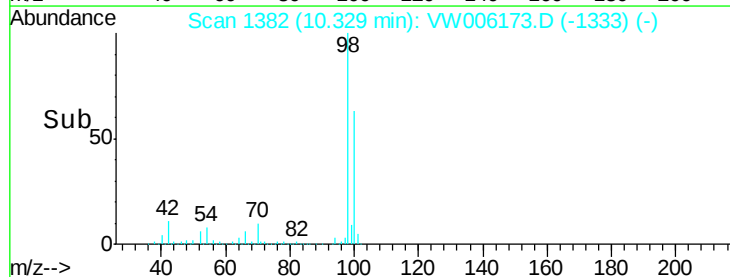
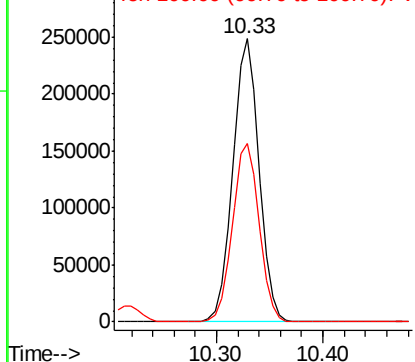
Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.6	77.4

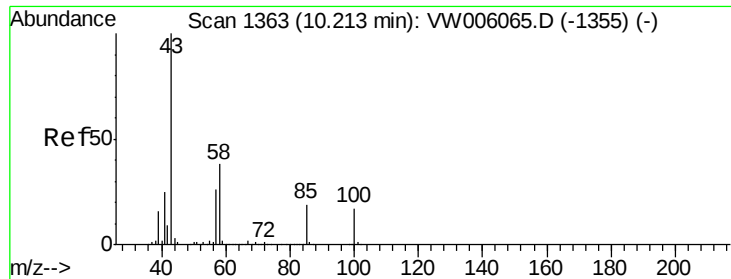


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 105.69 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW006173.D

Acq: 18 Oct 2018 14:09

Instrument :

MSVOA_W

ClientSampleId :

VW1018SBS01

Tgt Ion: 43 Resp: 139074

Ion Ratio Lower Upper

43 100

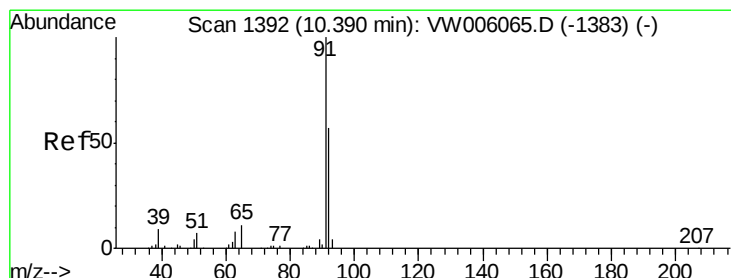
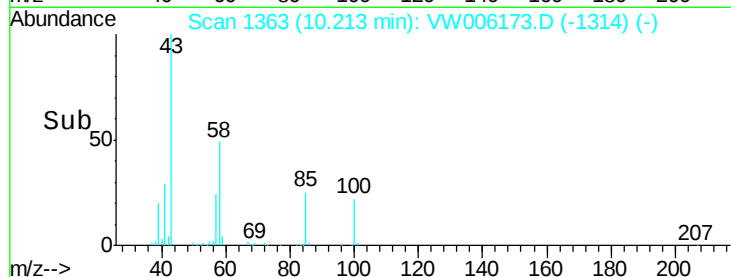
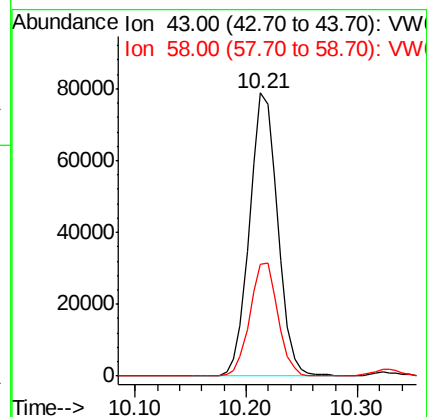
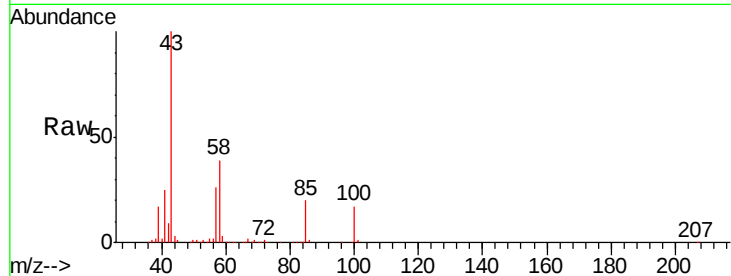
58 39.7 31.5 47.3

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#52

Toluene

Concen: 21.18 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW006173.D

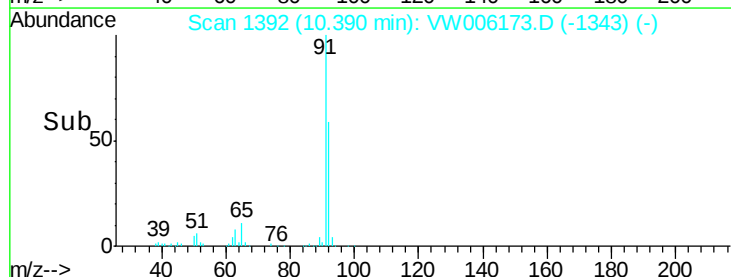
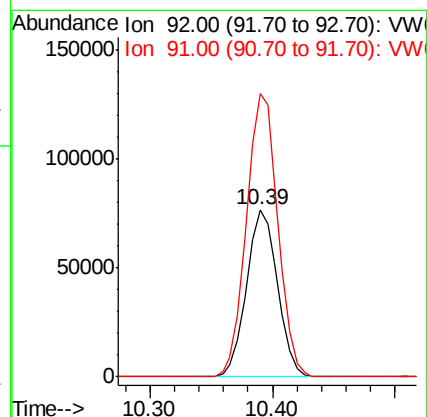
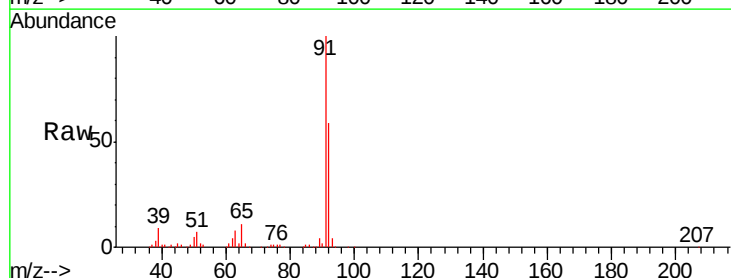
Acq: 18 Oct 2018 14:09

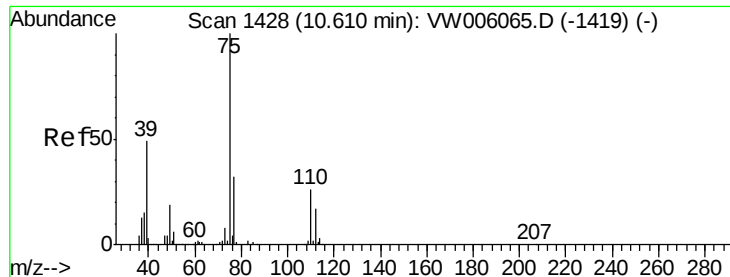
Tgt Ion: 92 Resp: 134647

Ion Ratio Lower Upper

92 100

91 172.3 140.0 210.0





#53

t-1,3-Dichloropropene

Concen: 19.24 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW006173.D

Acq: 18 Oct 2018 14:09

Instrument :

MSVOA_W

ClientSampleId :

VW1018SBS01

Tgt Ion: 75 Resp: 60109

Ion Ratio Lower Upper

75 100

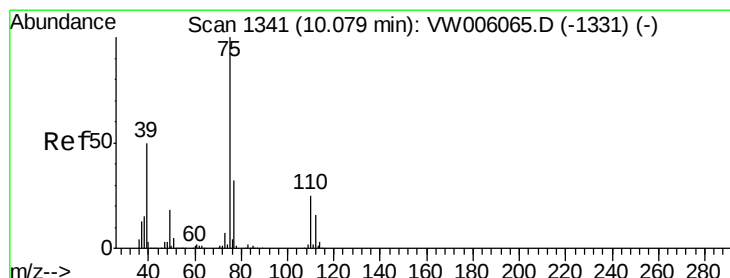
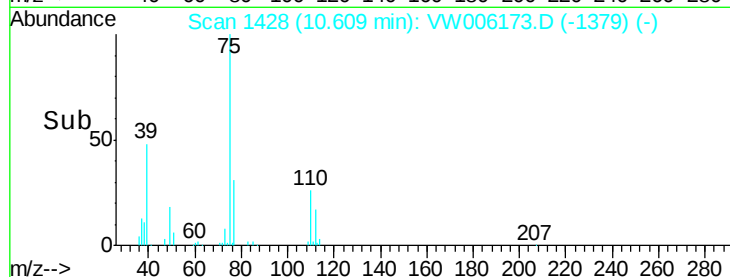
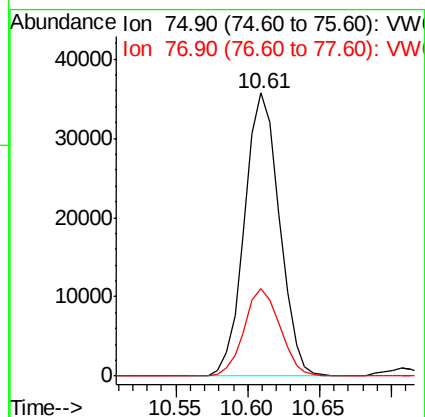
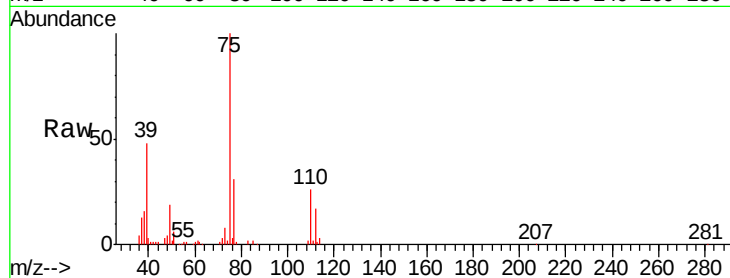
77 31.1 25.4 38.2

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#54

cis-1,3-Dichloropropene

Concen: 19.61 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VW006173.D

Acq: 18 Oct 2018 14:09

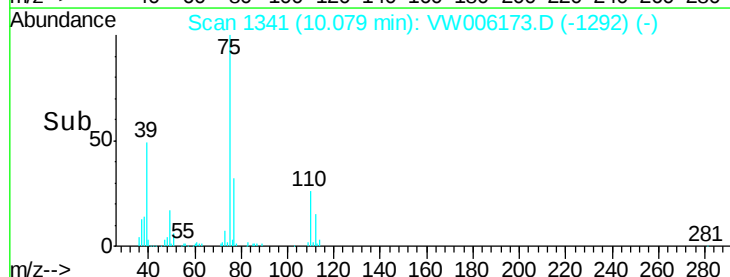
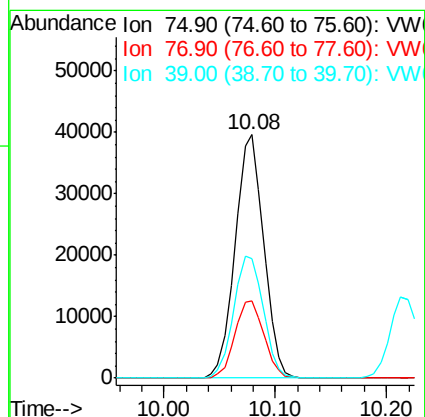
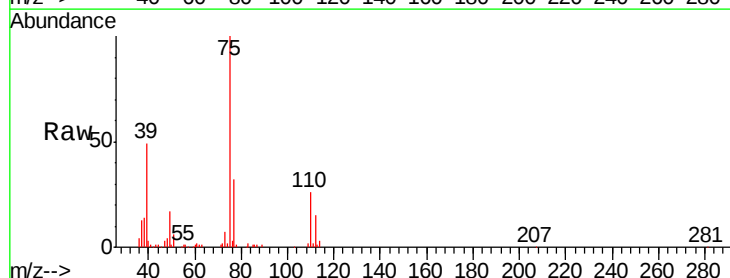
Tgt Ion: 75 Resp: 70327

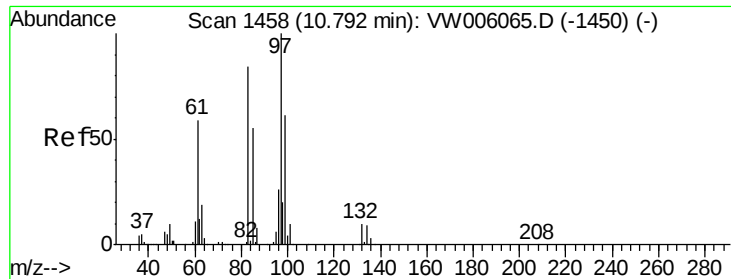
Ion Ratio Lower Upper

75 100

77 31.7 25.2 37.8

39 48.8 39.9 59.9





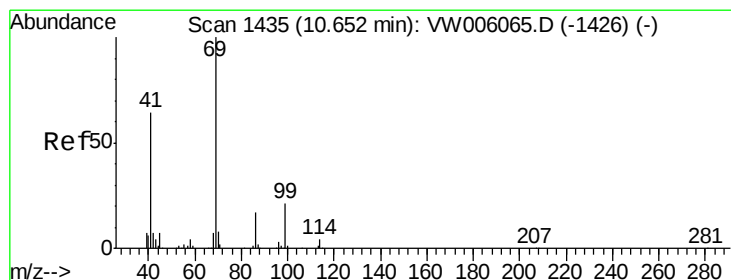
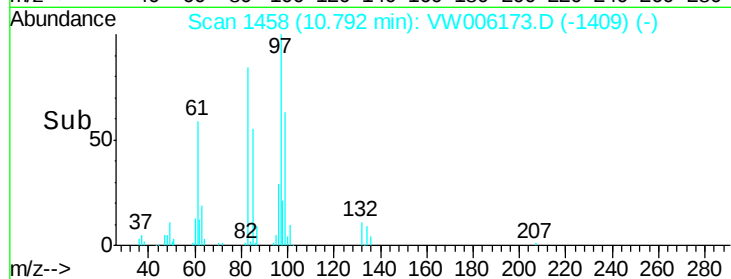
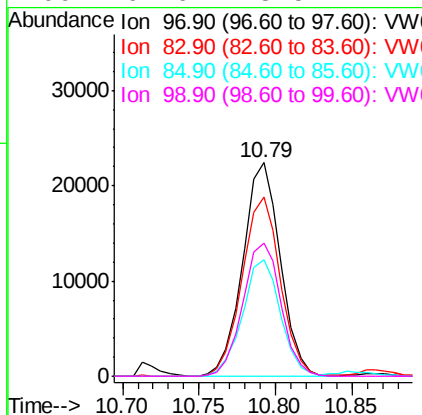
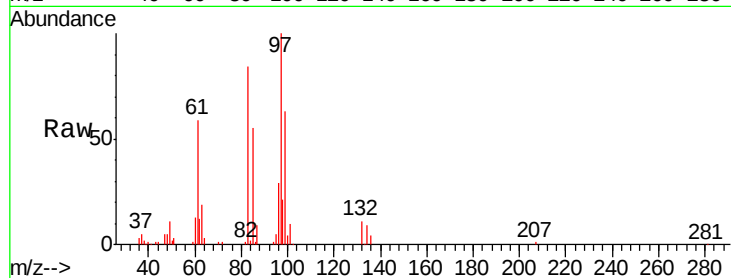
#55
 1,1,2-Trichloroethane
 Concen: 21.22 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW006173.D
 Acq: 18 Oct 2018 14:09

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1018SBS01

Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.2	67.2	100.8
85	54.7	43.7	65.5
99	62.6	48.5	72.7

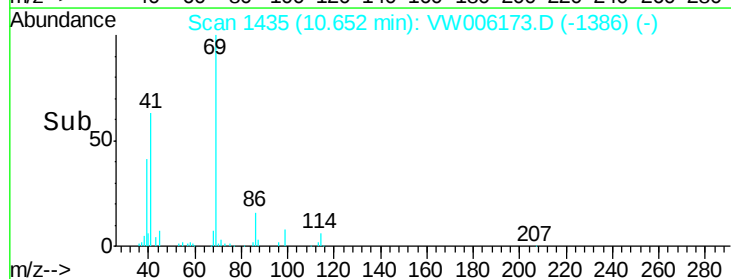
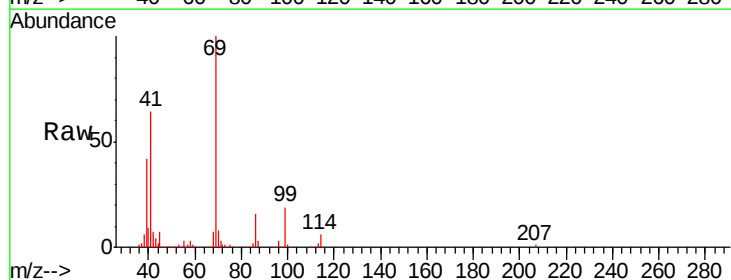
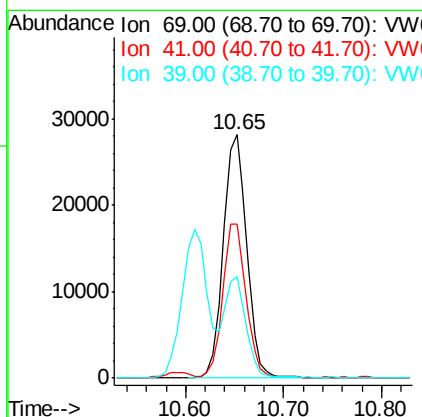
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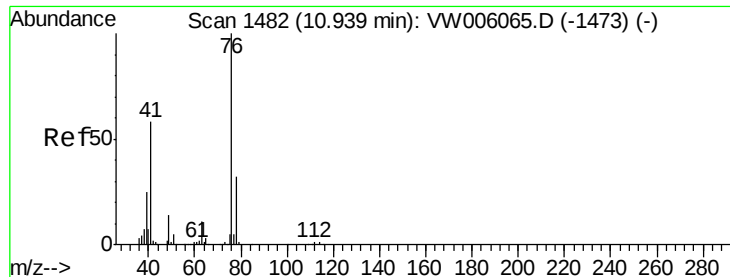
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#56
 Ethyl methacrylate
 Concen: 21.11 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW006173.D
 Acq: 18 Oct 2018 14:09

Tgt Ion	Ratio	Lower	Upper
69	100		
41	62.8	52.8	79.2
39	36.1	30.6	45.8





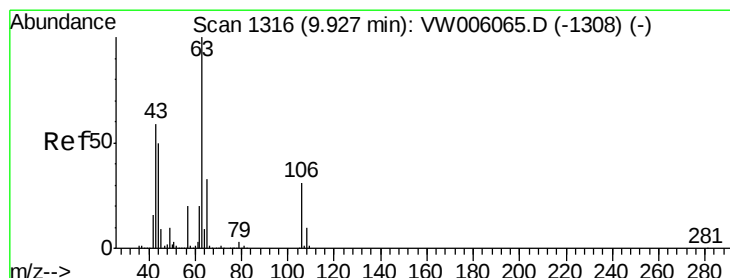
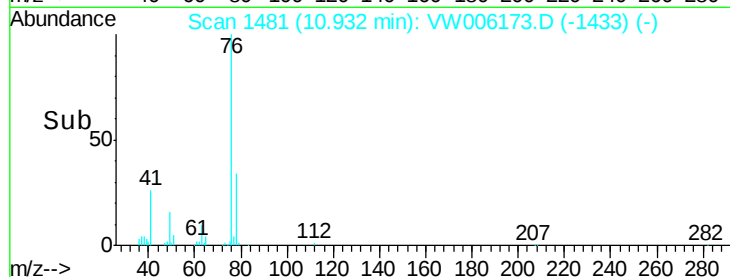
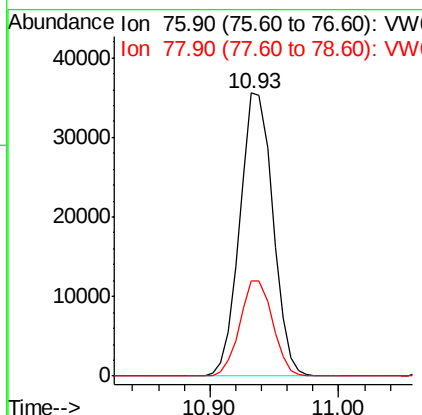
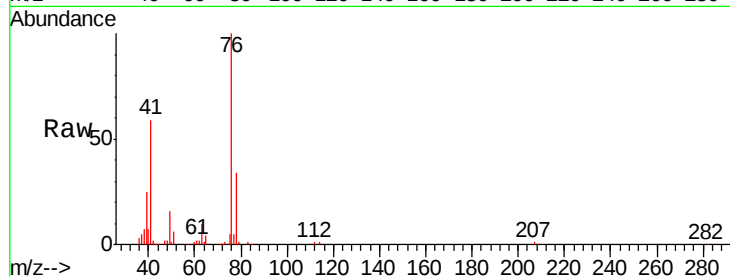
#57
 1,3-Dichloropropane
 Concen: 21.12 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: VW006173.D
 Acq: 18 Oct 2018 14:09

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1018SBS01

Tgt Ion: 76 Resp: 63265
 Ion Ratio Lower Upper
 76 100
 78 33.5 25.9 38.9

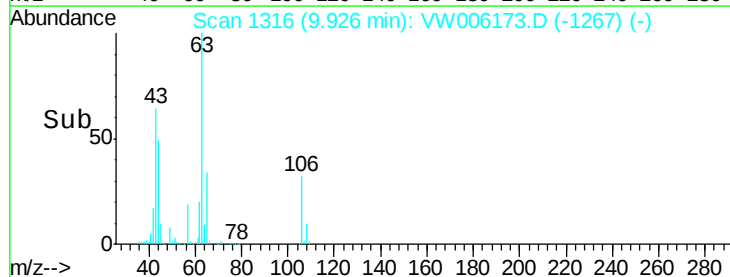
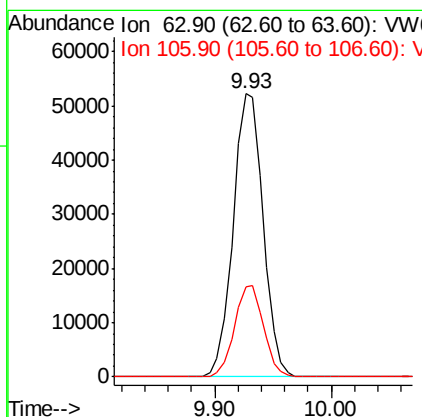
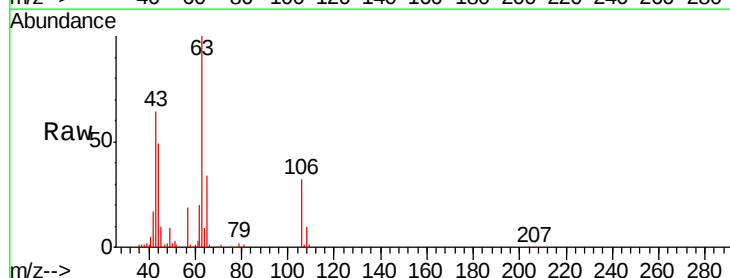
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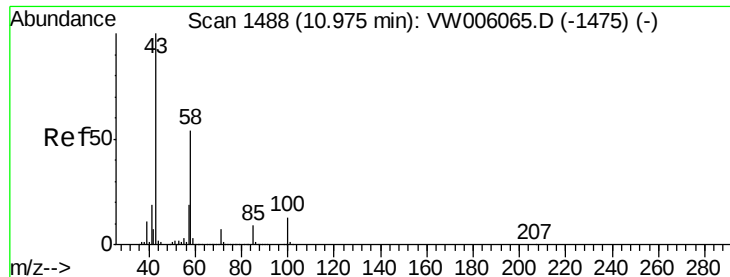
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#58
 2-Chloroethyl Vinyl ether
 Concen: 110.37 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW006173.D
 Acq: 18 Oct 2018 14:09

Tgt Ion: 63 Resp: 93577
 Ion Ratio Lower Upper
 63 100
 106 31.4 24.5 36.7





#59

2-Hexanone

Concen: 112.02 ug/l

RT: 10.97 min Scan# 1488

Delta R.T. -0.00 min

Lab File: VW006173.D

Acq: 18 Oct 2018 14:09

Instrument :

MSVOA_W

ClientSampleId :

VW1018SBS01

Tgt Ion: 43 Resp: 105223

Ion Ratio Lower Upper

43 100

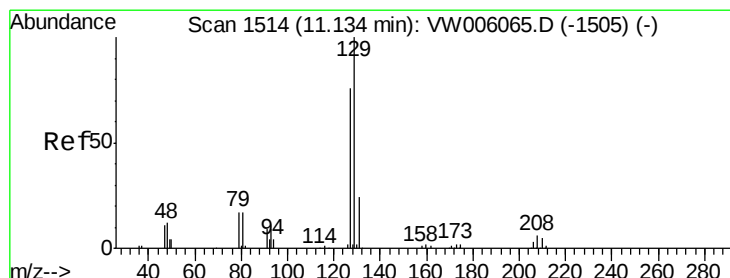
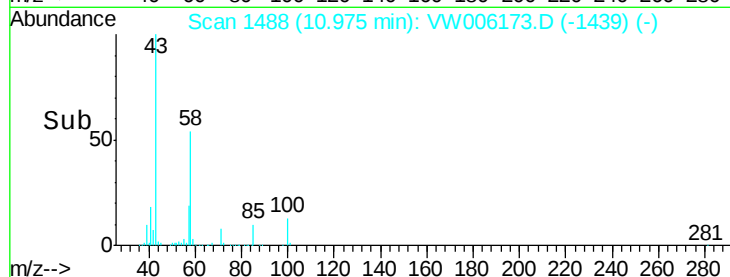
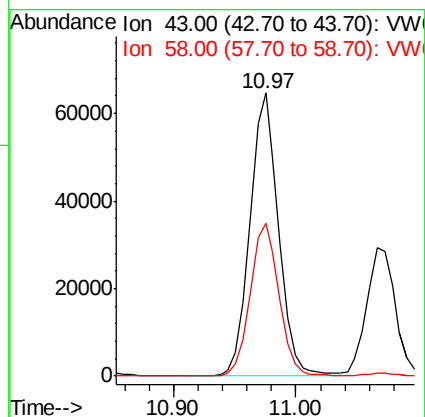
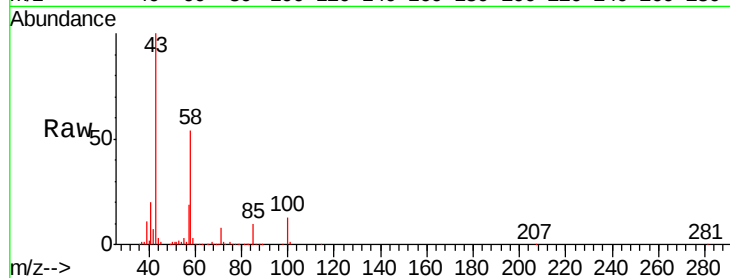
58 54.4 26.9 80.6

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#60

Dibromochloromethane

Concen: 19.56 ug/l

RT: 11.13 min Scan# 1514

Delta R.T. -0.00 min

Lab File: VW006173.D

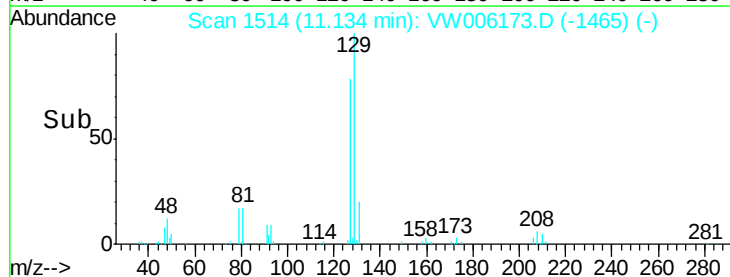
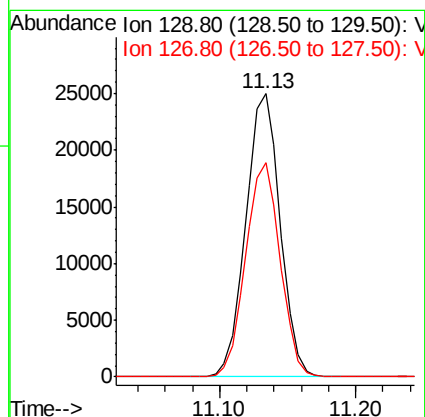
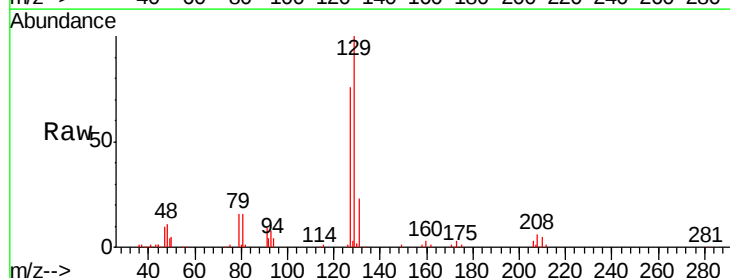
Acq: 18 Oct 2018 14:09

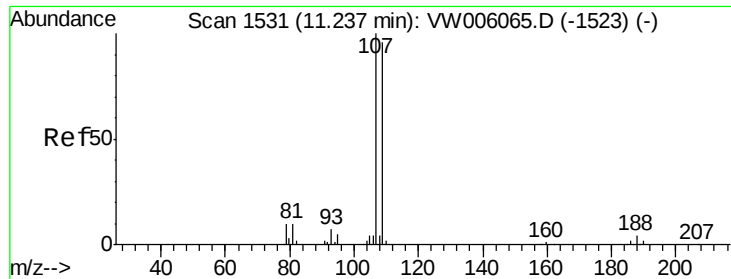
Tgt Ion: 129 Resp: 44099

Ion Ratio Lower Upper

129 100

127 76.0 38.6 115.7





#61

1,2-Dibromoethane

Concen: 21.35 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW006173.D

Acq: 18 Oct 2018 14:09

Instrument :

MSVOA_W

ClientSampleId :

VW1018SBS01

Tgt Ion: 107 Resp: 38602

Ion Ratio Lower Upper

107 100

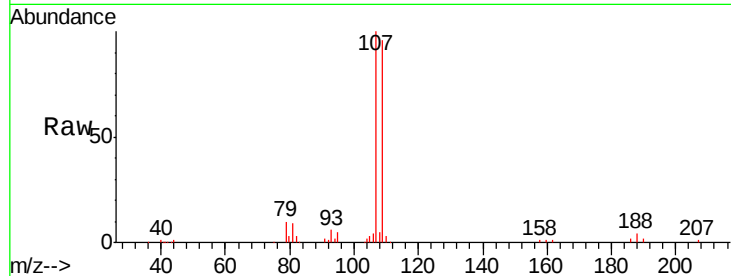
109 94.5 76.3 114.5

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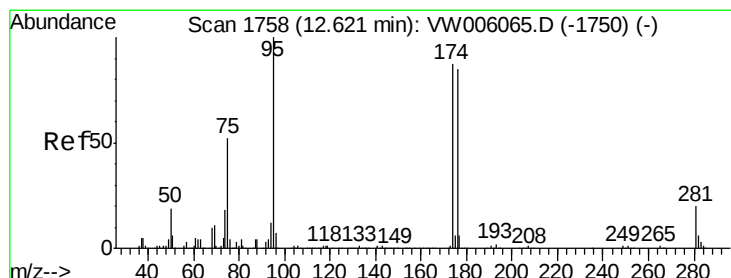
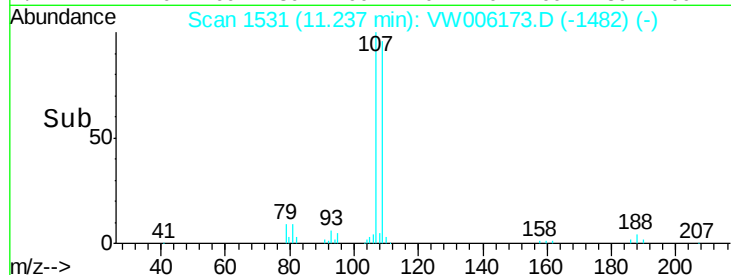
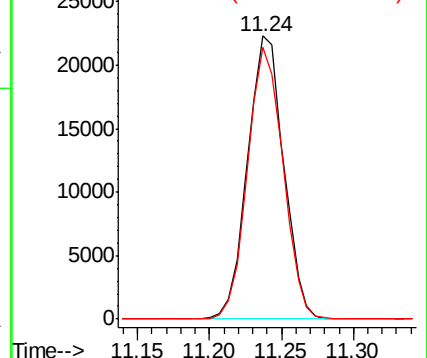
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.96 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006173.D

Acq: 18 Oct 2018 14:09

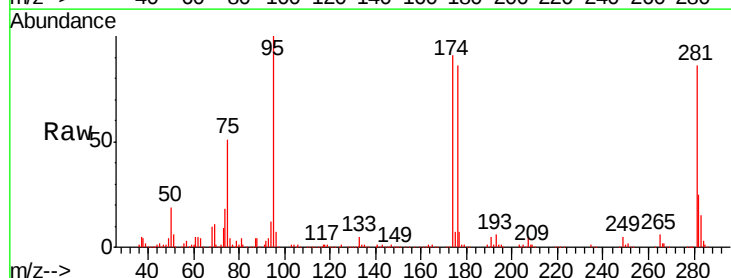
Tgt Ion: 95 Resp: 161400

Ion Ratio Lower Upper

95 100

174 94.9 0.0 186.0

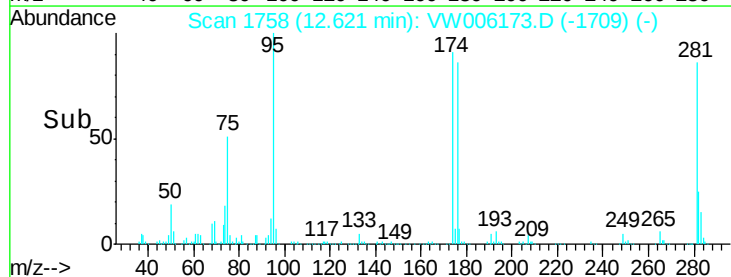
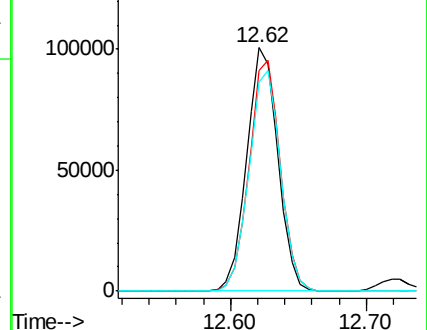
176 91.9 0.0 181.6

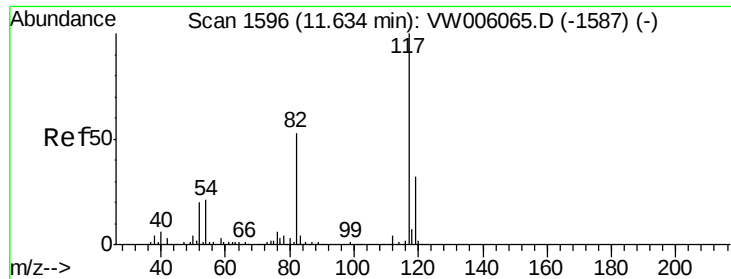


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





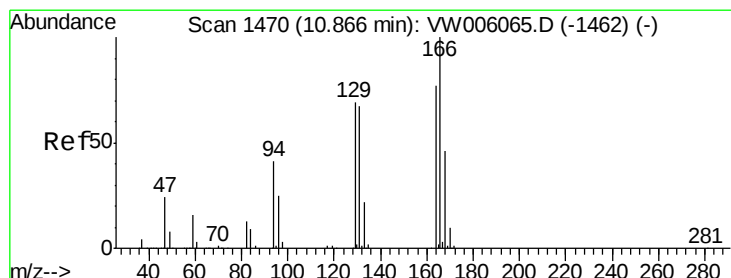
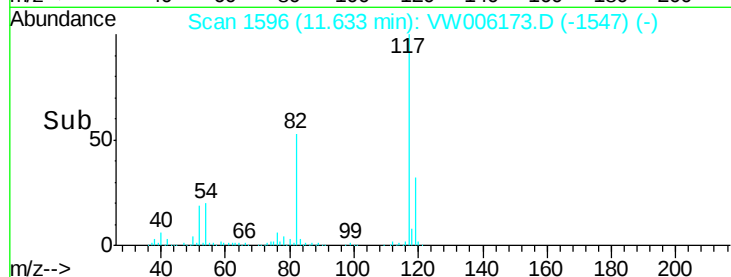
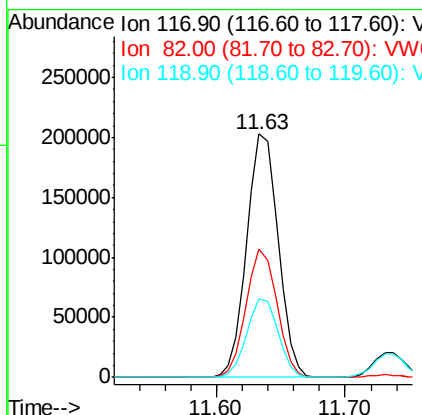
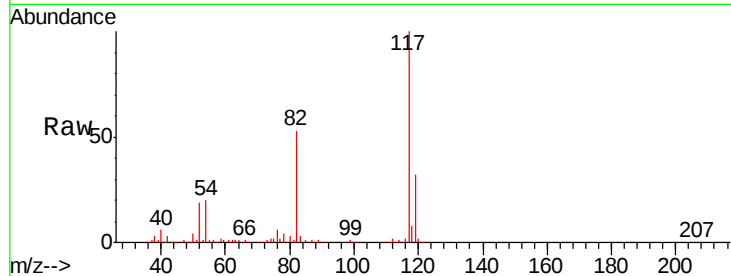
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006173.D
Acq: 18 Oct 2018 14:09

Instrument :
MSVOA_W
ClientSampleId :
VW1018SBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	342811		
82	52.7	42.1	63.1	
119	32.3	25.8	38.6	

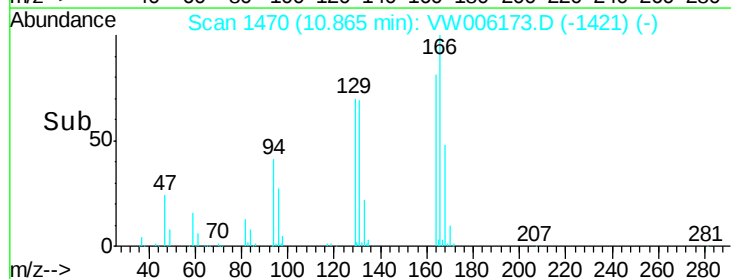
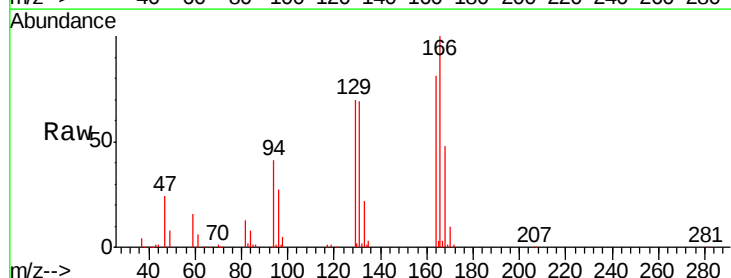
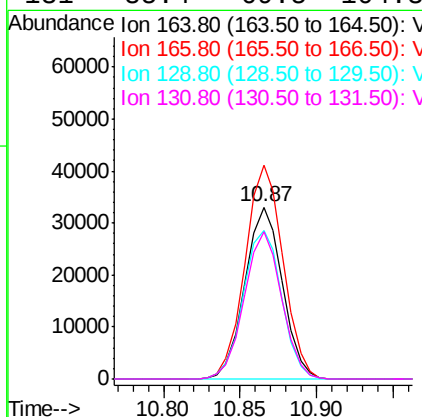
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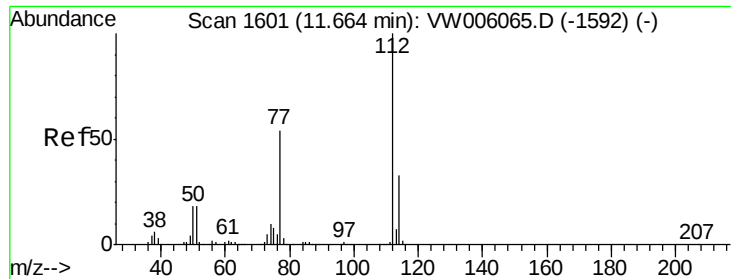
apatel
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#64
Tetrachloroethene
Concen: 21.17 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW006173.D
Acq: 18 Oct 2018 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	56327		
166	124.2	103.4	155.0	
129	86.6	71.8	107.8	
131	85.4	69.5	104.3	





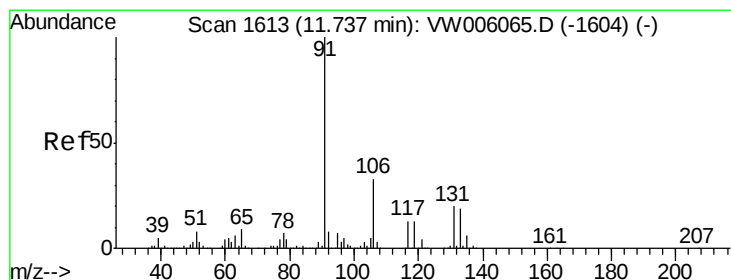
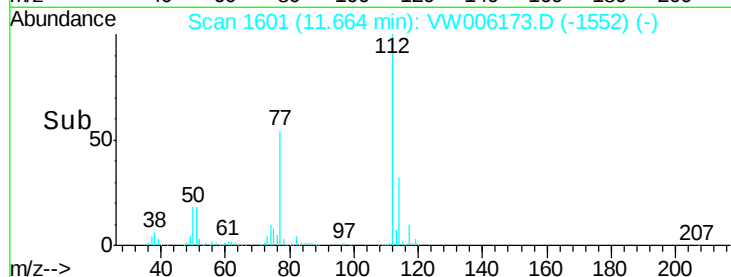
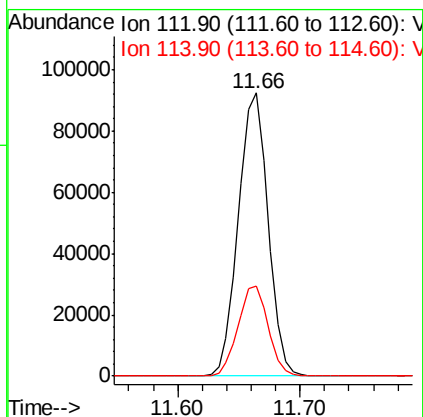
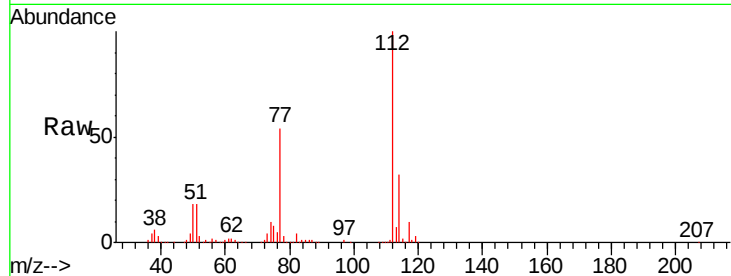
#65
Chlorobenzene
Concen: 21.23 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW006173.D
Acq: 18 Oct 2018 14:09

Instrument :
MSVOA_W
ClientSampleId :
VW1018SBS01

Tgt Ion:112 Resp: 155826
Ion Ratio Lower Upper
112 100
114 31.8 26.2 39.2

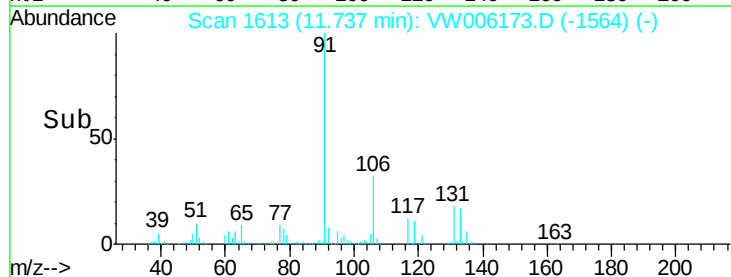
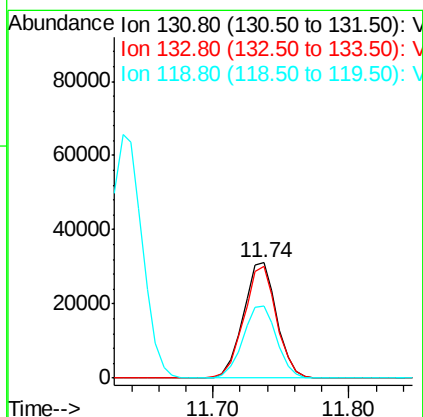
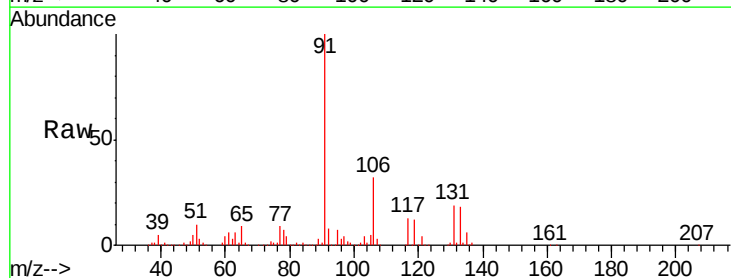
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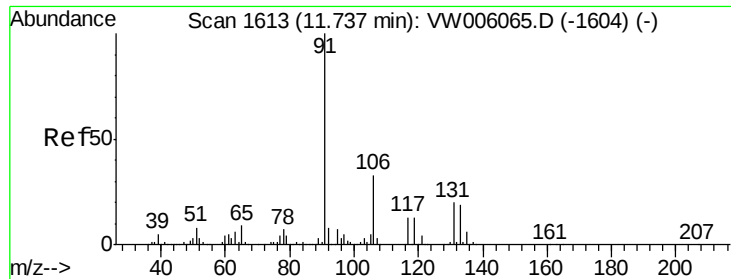
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.43 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW006173.D
Acq: 18 Oct 2018 14:09

Tgt Ion:131 Resp: 53275
Ion Ratio Lower Upper
131 100
133 95.2 48.1 144.3
119 63.6 31.6 94.7





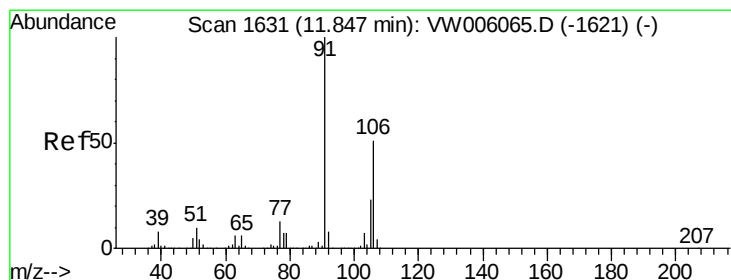
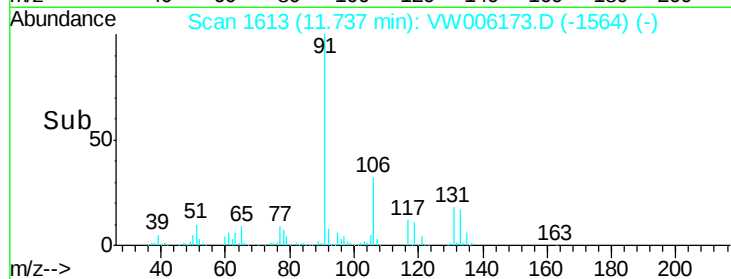
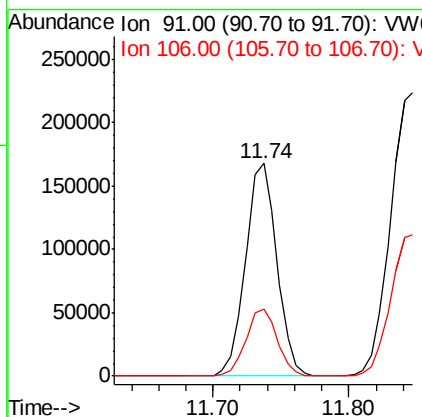
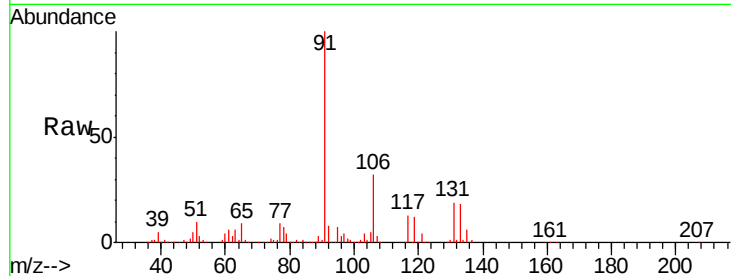
#67
Ethyl Benzene
Concen: 21.34 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW006173.D
Acq: 18 Oct 2018 14:09

Instrument :
MSVOA_W
ClientSampleId :
VW1018SBS01

Tgt Ion: 91 Resp: 271339
Ion Ratio Lower Upper
91 100
106 31.7 26.1 39.1

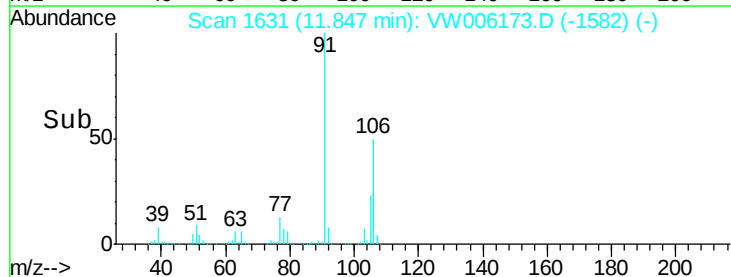
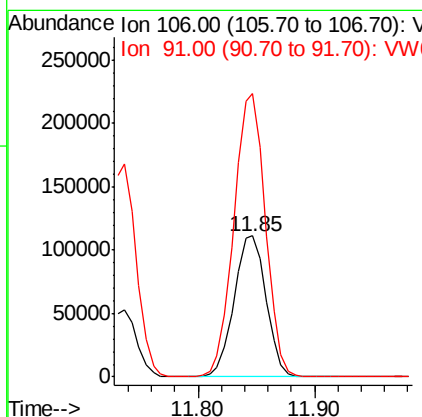
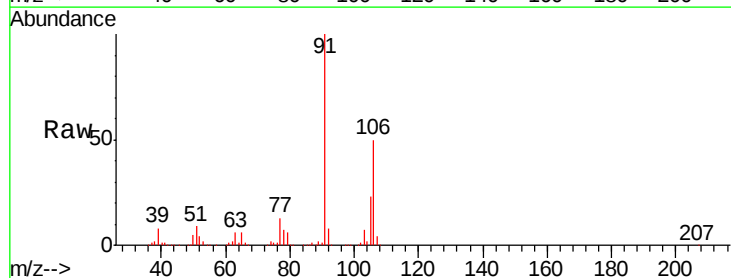
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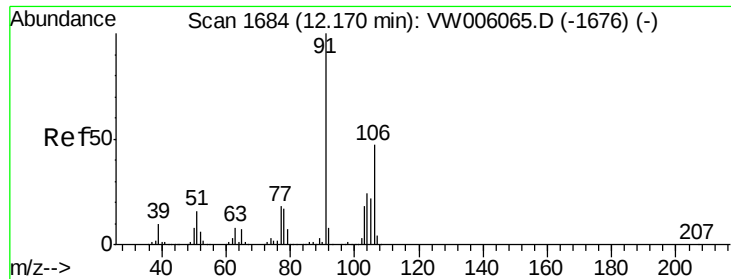
apatel
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#68
m/p-Xylenes
Concen: 42.31 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW006173.D
Acq: 18 Oct 2018 14:09

Tgt Ion: 106 Resp: 212686
Ion Ratio Lower Upper
106 100
91 198.0 159.1 238.7





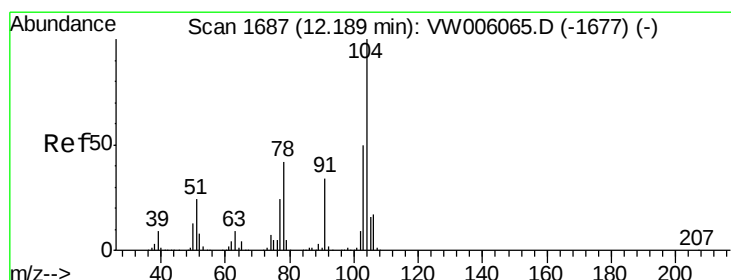
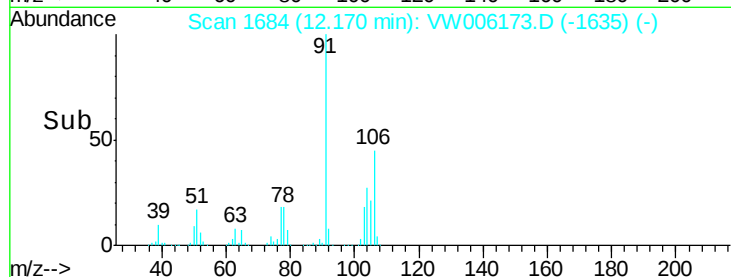
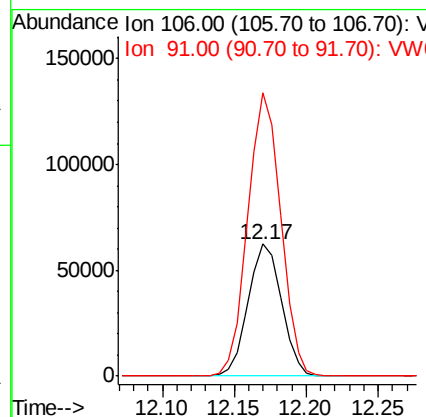
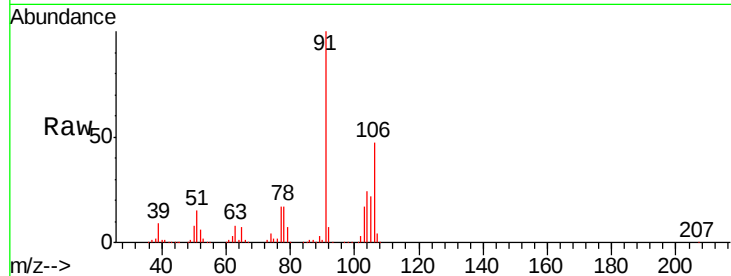
#69
o-Xylene
Concen: 21.01 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006173.D
Acq: 18 Oct 2018 14:09

Instrument :
MSVOA_W
ClientSampleId :
VW1018SBSD01

Tgt Ion:106 Resp: 100645
Ion Ratio Lower Upper
106 100
91 210.8 105.4 316.1

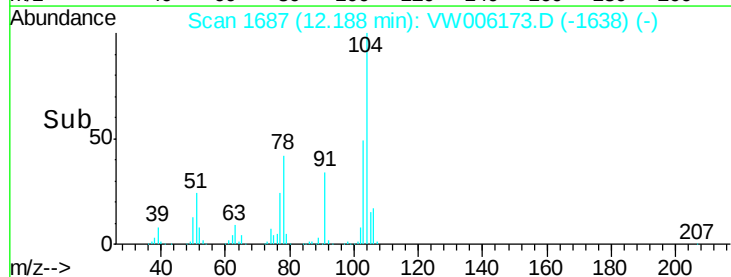
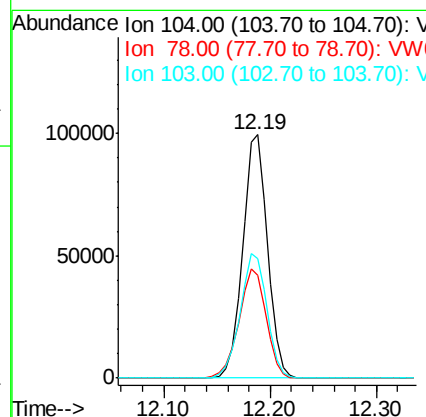
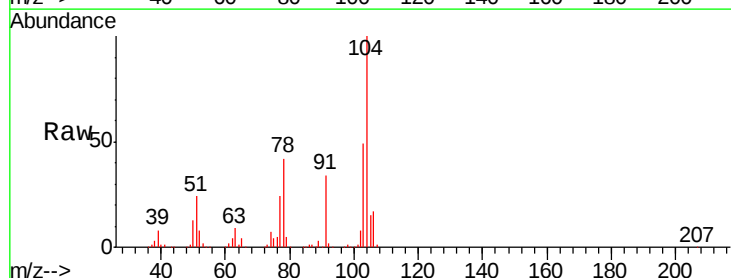
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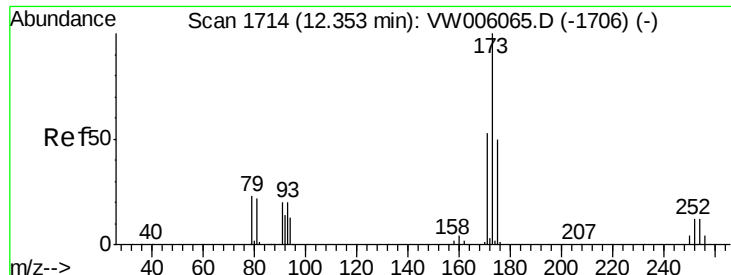
apatel
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#70
Styrene
Concen: 20.80 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW006173.D
Acq: 18 Oct 2018 14:09

Tgt Ion:104 Resp: 162018
Ion Ratio Lower Upper
104 100
78 49.4 39.1 58.7
103 55.4 44.3 66.5





#71

Bromoform

Concen: 18.65 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW006173.D

Acq: 18 Oct 2018 14:09

Instrument :

MSVOA_W

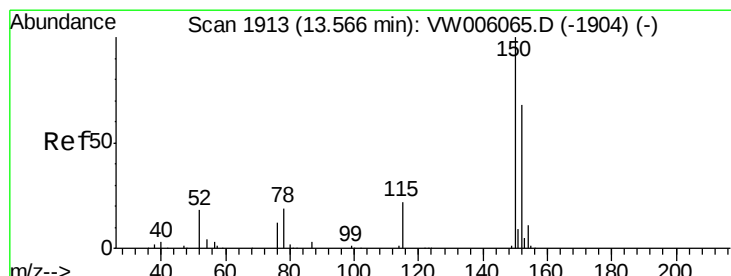
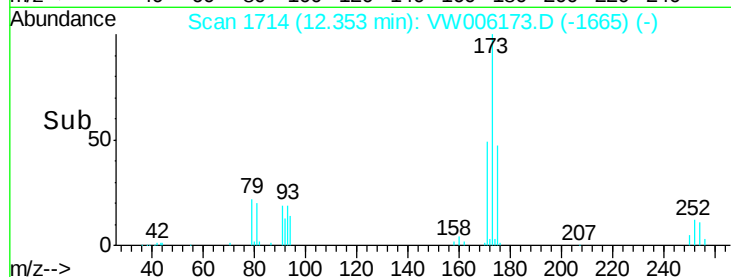
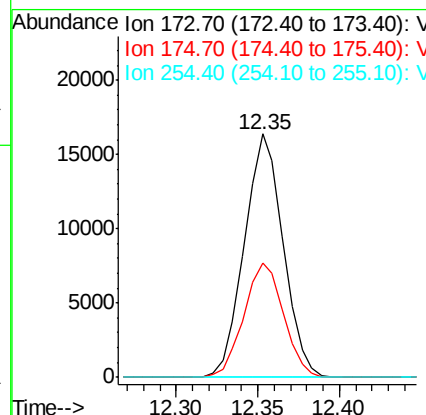
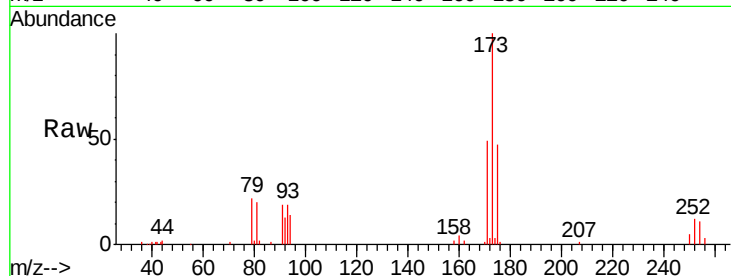
ClientSampleId :

VW1018SBS01

Tgt Ion:	173	Resp:	27123
Ion Ratio	Lower	Upper	
173	100		
175	48.0	24.2	72.6
254	0.0	0.1	0.1#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

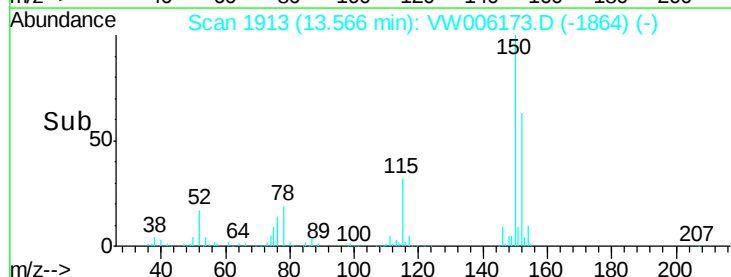
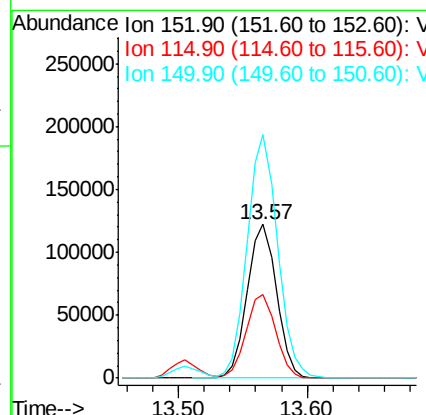
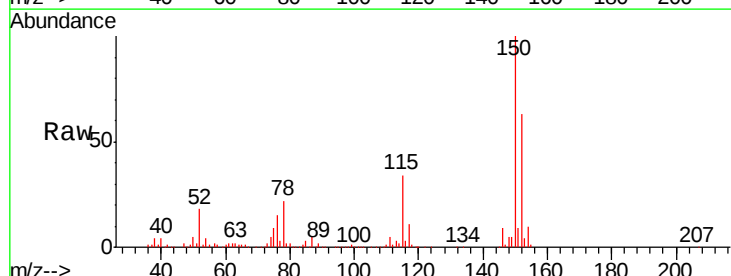
RT: 13.57 min Scan# 1913

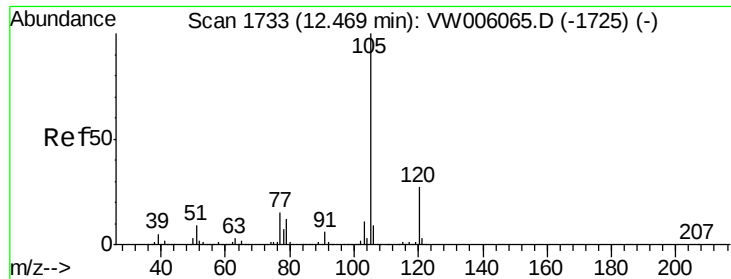
Delta R.T. -0.00 min

Lab File: VW006173.D

Acq: 18 Oct 2018 14:09

Tgt Ion:	152	Resp:	191139
Ion Ratio	Lower	Upper	
152	100		
115	55.3	27.8	83.3
150	164.5	0.0	349.2





#73

Isopropylbenzene

Concen: 21.22 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW006173.D

Acq: 18 Oct 2018 14:09

Instrument :

MSVOA_W

ClientSampleId :

VW1018SBSD01

Tgt Ion: 105 Resp: 286584

Ion Ratio Lower Upper

105 100

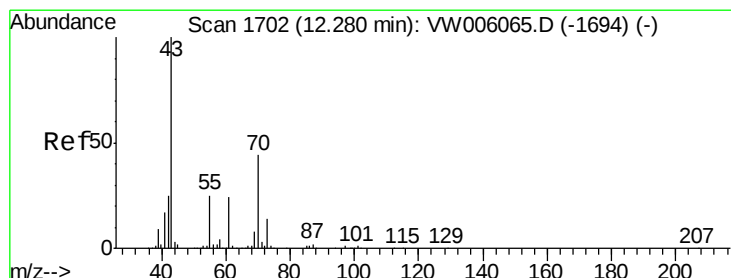
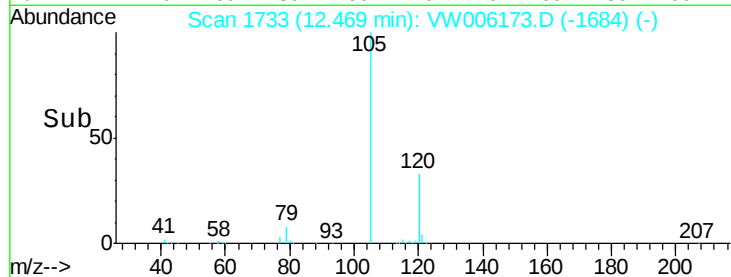
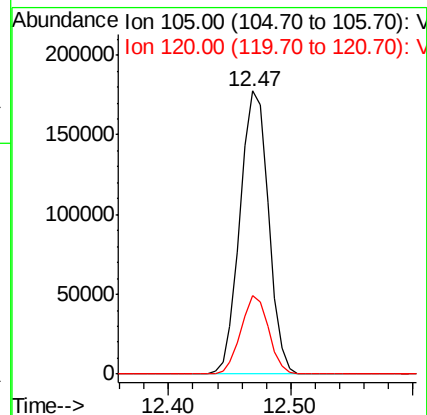
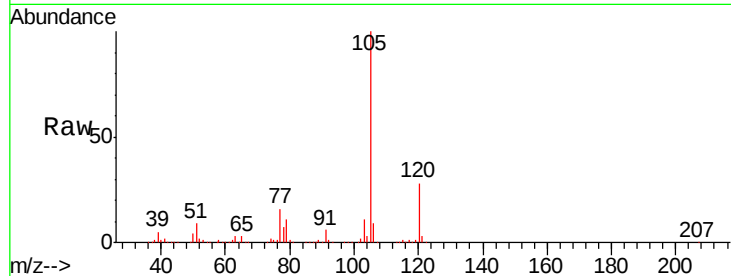
120 27.0 13.6 40.7

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#74

N-ethyl acetate

Concen: 20.29 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW006173.D

Acq: 18 Oct 2018 14:09

Tgt Ion: 43 Resp: 53226

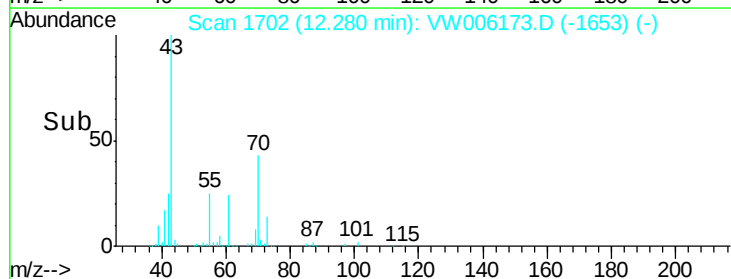
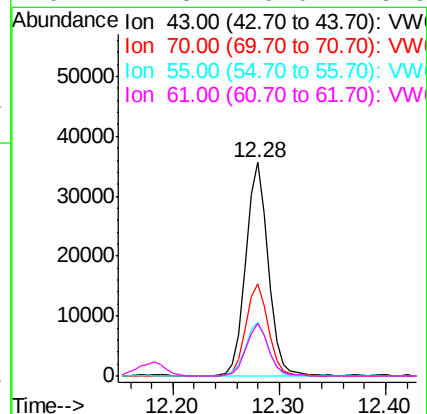
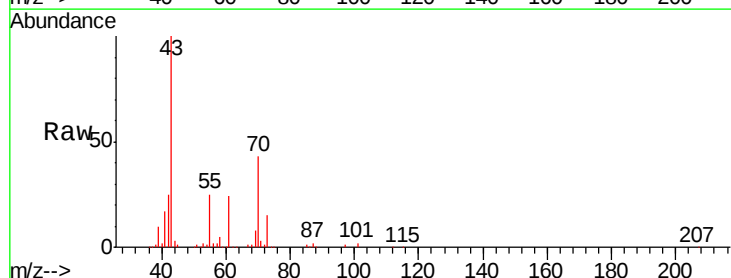
Ion Ratio Lower Upper

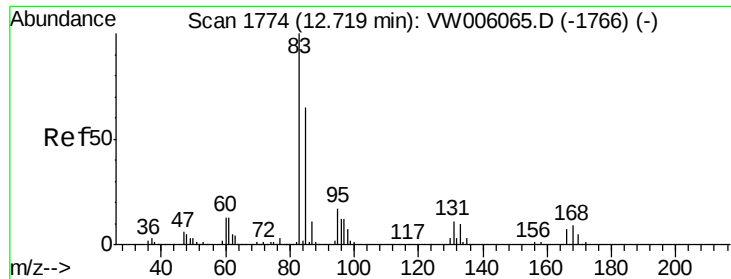
43 100

70 43.1 34.2 51.4

55 25.3 19.2 28.8

61 24.3 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 21.45 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW006173.D

Acq: 18 Oct 2018 14:09

Instrument :

MSVOA_W

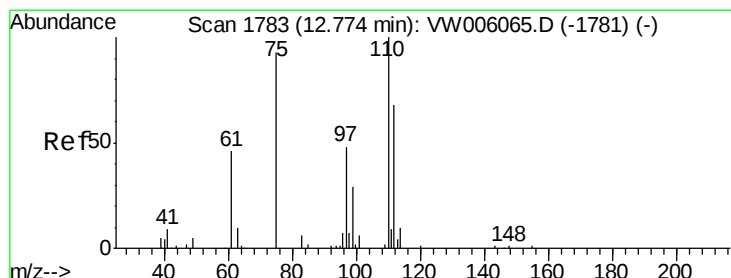
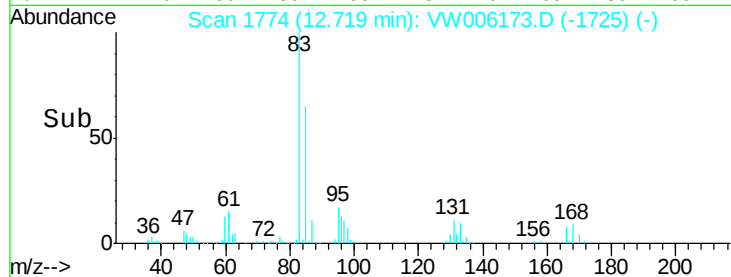
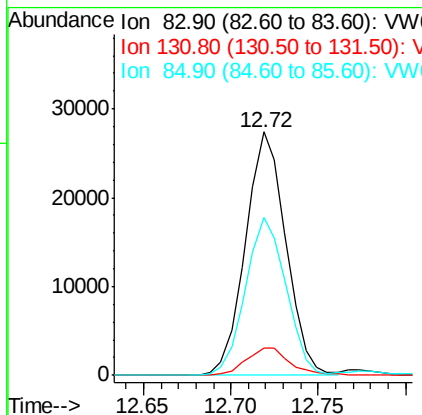
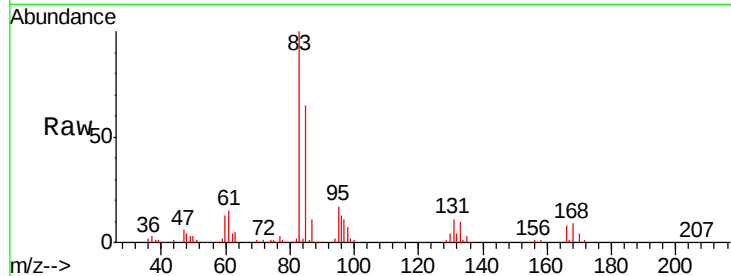
ClientSampleId :

VW1018SBSD01

Tgt Ion:	83	Resp:	44056
Ion Ratio	Lower	Upper	
83	100		
131	12.2	5.9	17.7
85	64.9	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 20.78 ug/l m

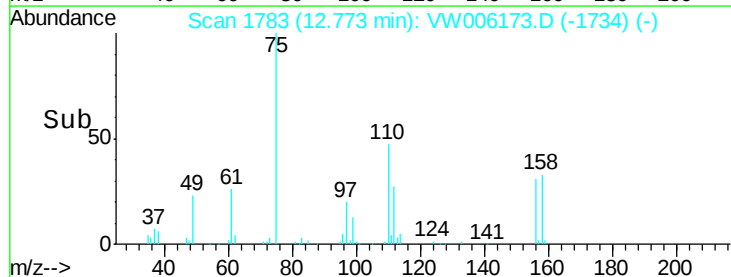
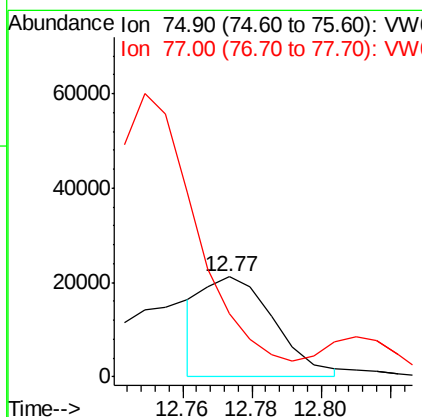
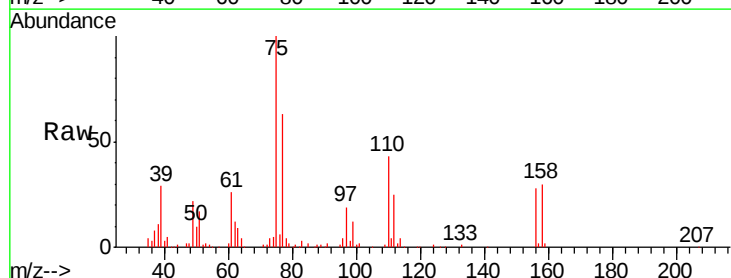
RT: 12.77 min Scan# 1783

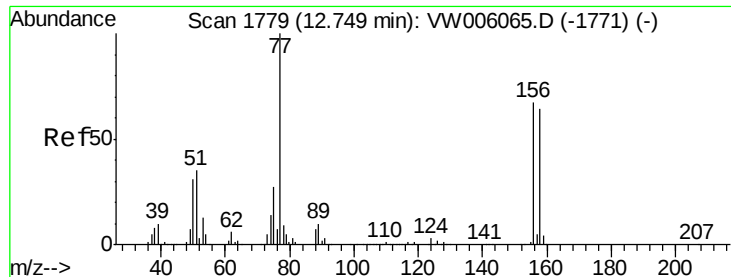
Delta R.T. -0.00 min

Lab File: VW006173.D

Acq: 18 Oct 2018 14:09

Tgt Ion:	75	Resp:	30342
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





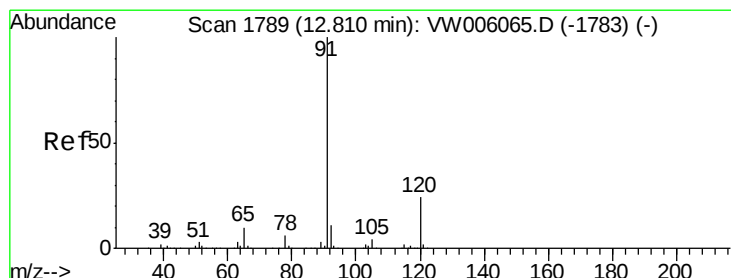
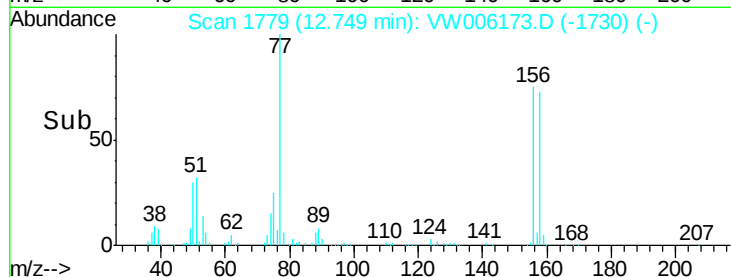
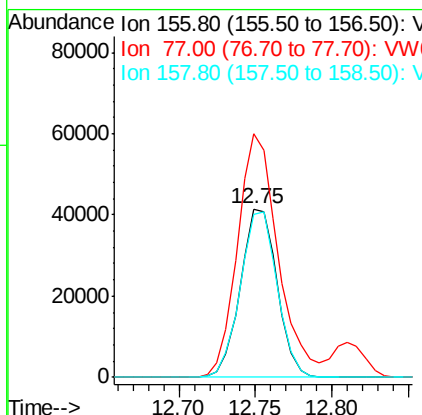
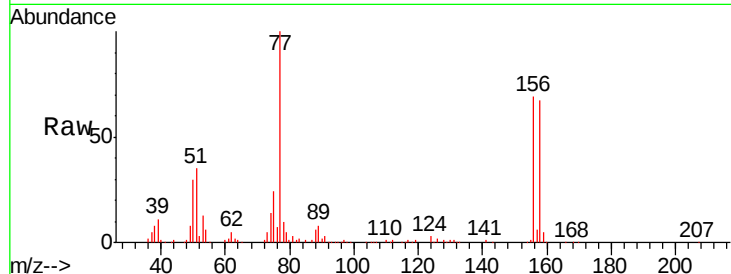
#77
Bromobenzene
Concen: 20.82 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. -0.00 min
Lab File: VW006173.D
Acq: 18 Oct 2018 14:09

Instrument :
MSVOA_W
ClientSampleId :
VW1018SBS01

Tgt Ion	Ratio	Lower	Upper
156	100		
77	160.2	79.1	237.4
158	99.2	48.5	145.6

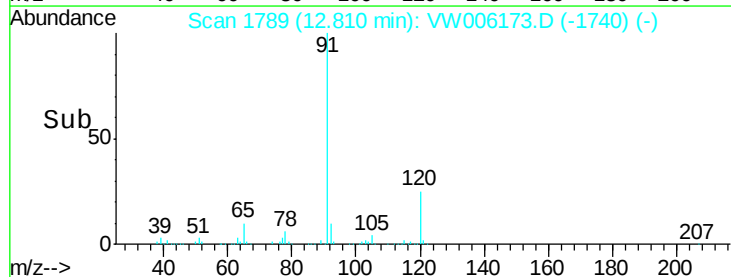
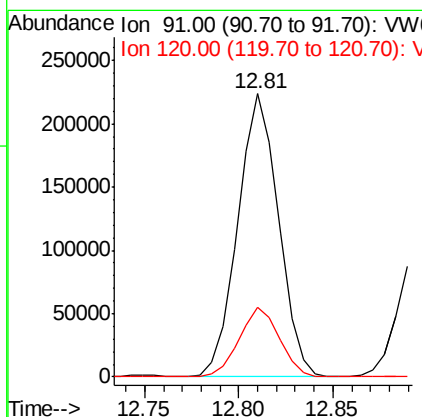
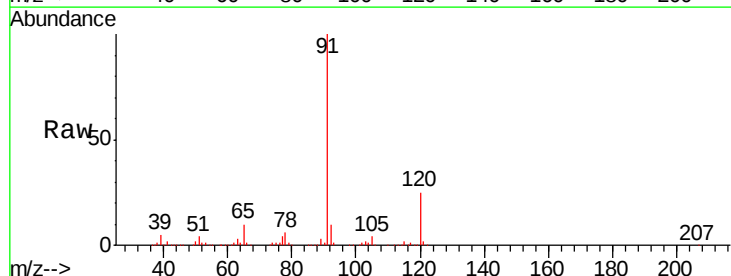
Manual Integrations
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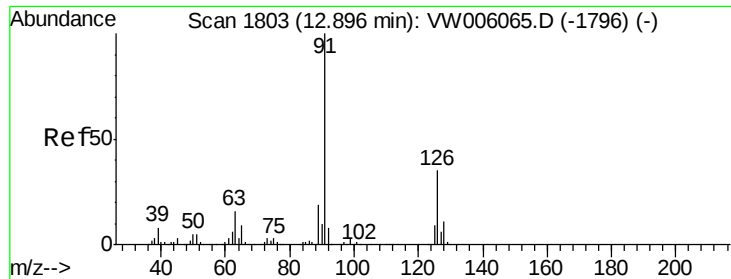
apatel
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#78
n-propylbenzene
Concen: 21.27 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VW006173.D
Acq: 18 Oct 2018 14:09

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.3	12.2	36.6





#79

2-Chlorotoluene

Concen: 21.10 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW006173.D

Acq: 18 Oct 2018 14:09

Instrument :

MSVOA_W

ClientSampleId :

VW1018SBS01

Tgt Ion: 91 Resp: 186249

Ion Ratio Lower Upper

91 100

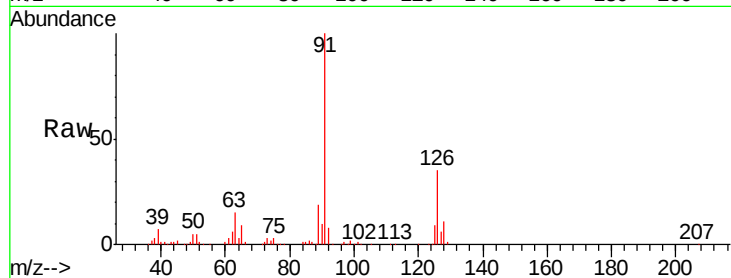
126 36.2 17.9 53.8

Manual Integrations

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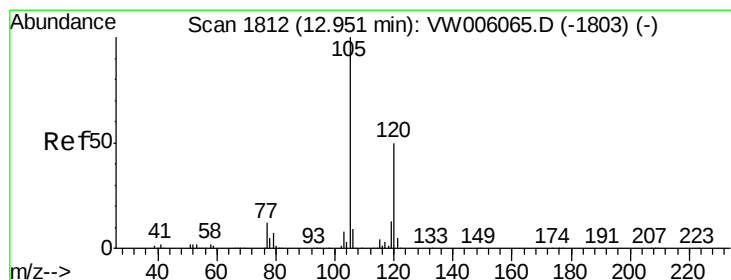
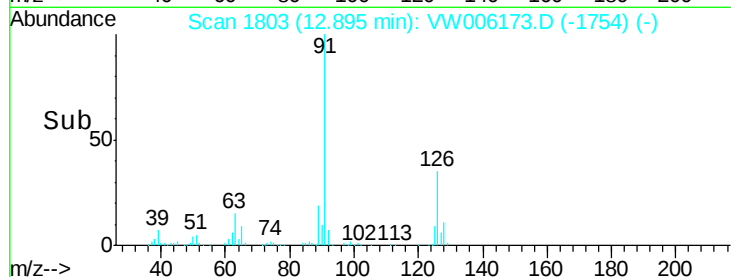
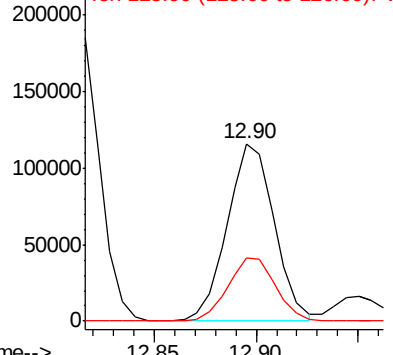
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.06 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW006173.D

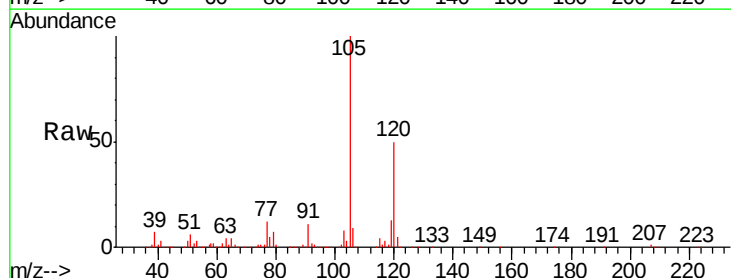
Acq: 18 Oct 2018 14:09

Tgt Ion: 105 Resp: 239786

Ion Ratio Lower Upper

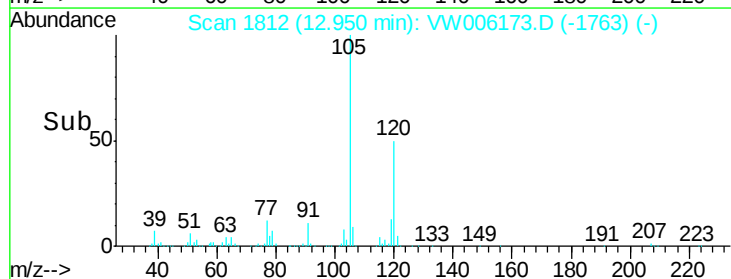
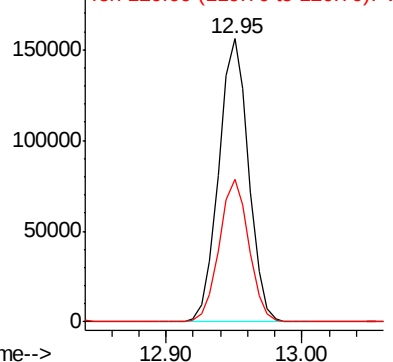
105 100

120 50.0 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





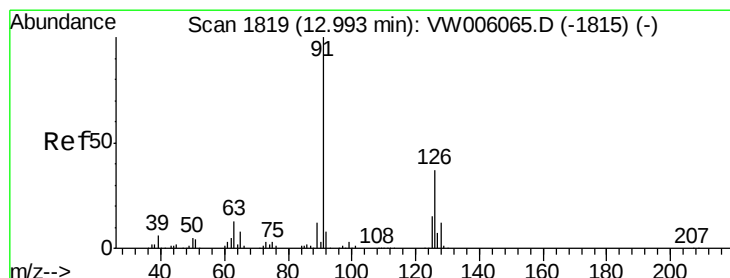
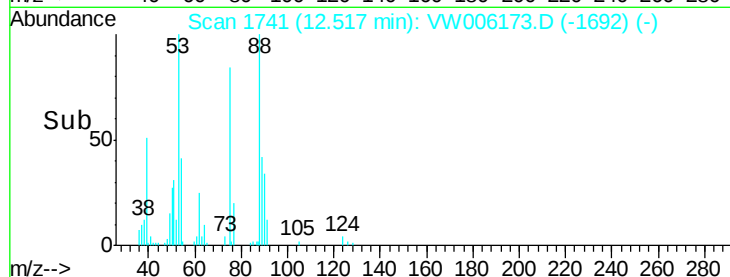
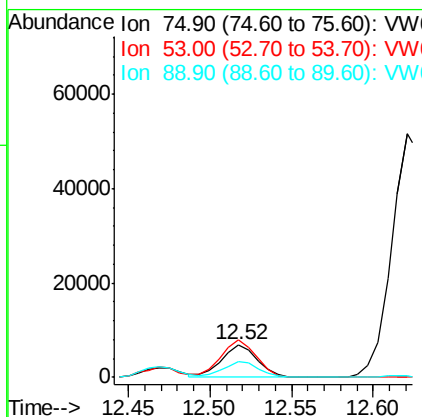
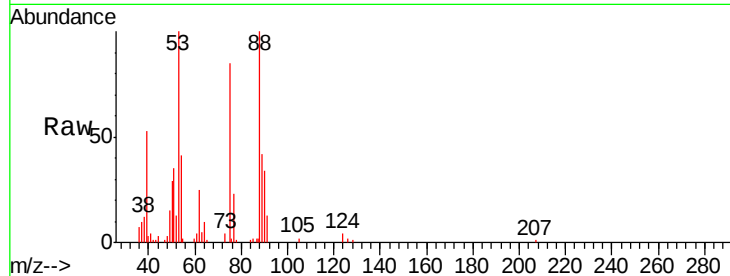
#81
trans-1,4-Dichloro-2-butene
Concen: 17.42 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW006173.D
Acq: 18 Oct 2018 14:09

Instrument :
MSVOA_W
ClientSampleId :
VW1018SBSD01

Tgt Ion	Ratio	Lower	Upper
75	100		
53	113.5	79.8	119.6
89	46.6	37.5	56.3

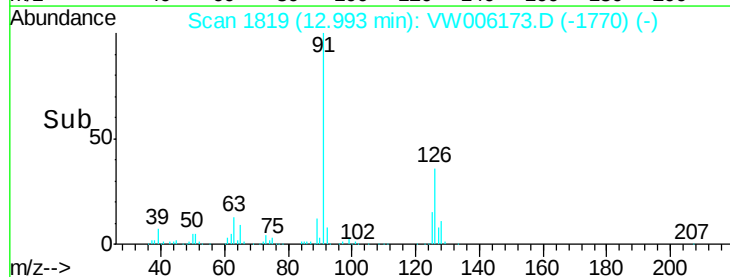
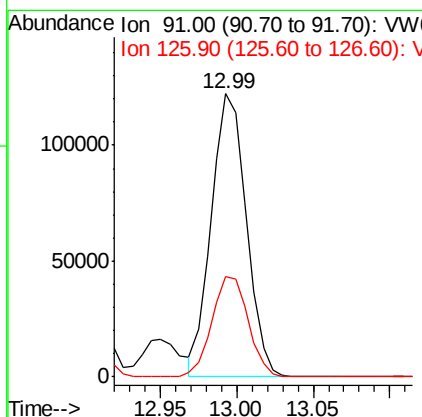
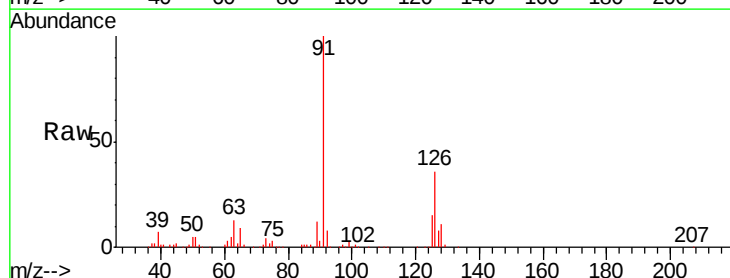
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#82
4-Chlorotoluene
Concen: 21.05 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW006173.D
Acq: 18 Oct 2018 14:09

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.9	18.1	54.3





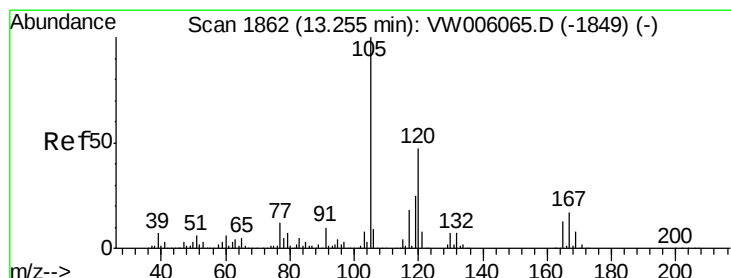
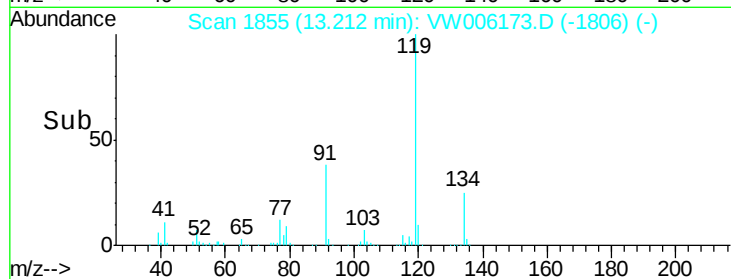
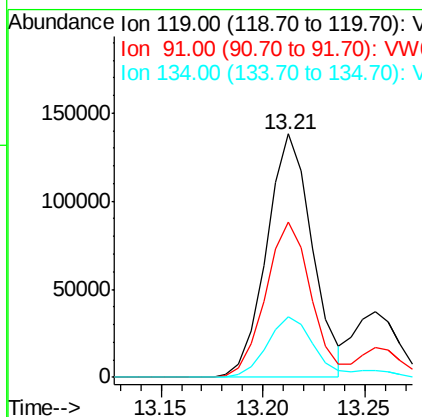
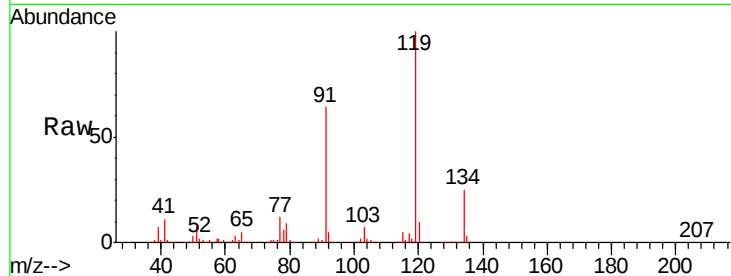
#83
 tert-Butylbenzene
 Concen: 21.15 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW006173.D
 Acq: 18 Oct 2018 14:09

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1018SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	215435		
91	64.4	32.3	96.9	
134	25.4	13.6	40.8	

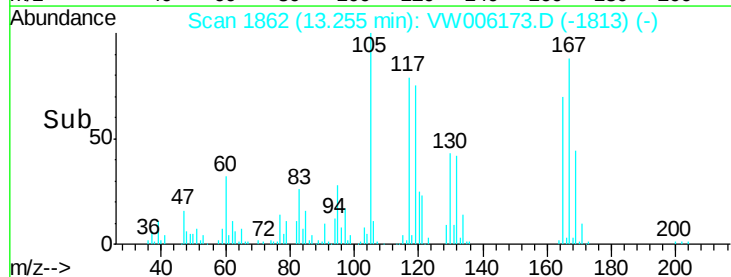
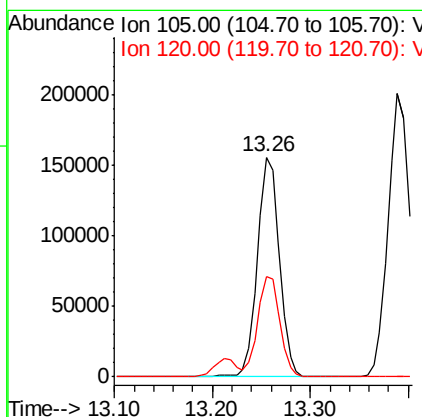
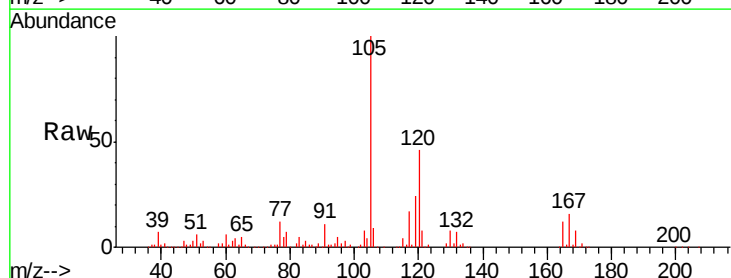
Manual Integrations
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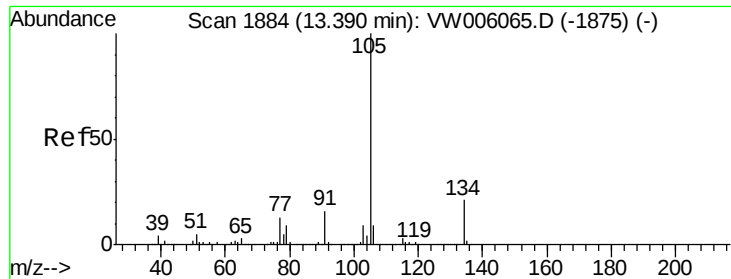
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.15 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW006173.D
 Acq: 18 Oct 2018 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	243658		
120	45.9	23.1	69.3	





#85

sec-Butylbenzene

Concen: 21.40 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW006173.D

Acq: 18 Oct 2018 14:09

Instrument :

MSVOA_W

ClientSampleId :

VW1018SBS01

Tgt Ion:105 Resp: 307943

Ion Ratio Lower Upper

105 100

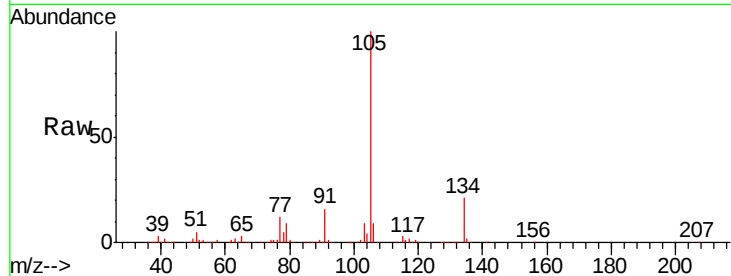
134 21.1 10.5 31.6

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

200000

150000

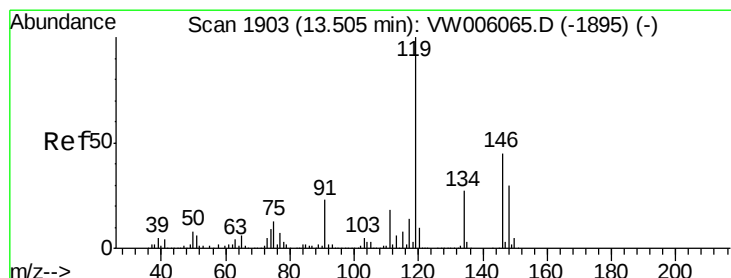
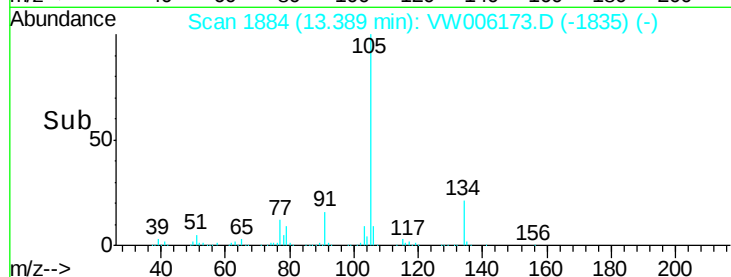
100000

50000

0

13.39

Time-->



#86

p-Isopropyltoluene

Concen: 21.24 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW006173.D

Acq: 18 Oct 2018 14:09

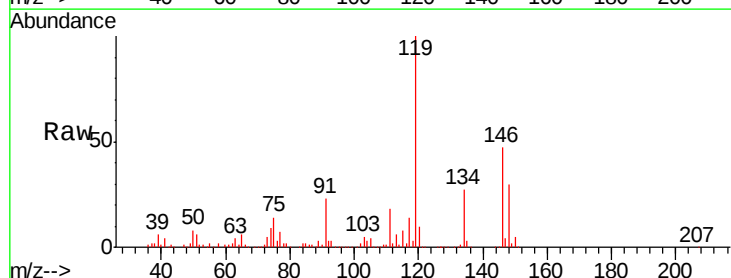
Tgt Ion:119 Resp: 276383

Ion Ratio Lower Upper

119 100

134 27.2 13.4 40.2

91 23.0 11.4 34.1



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

250000

200000

150000

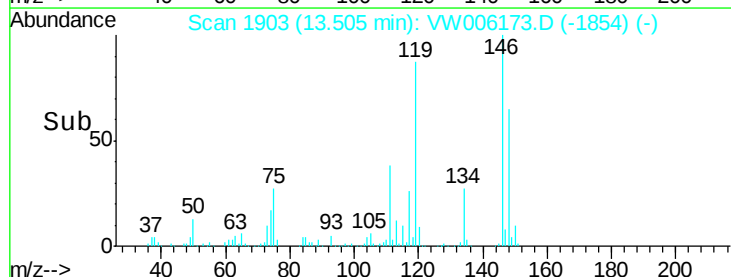
100000

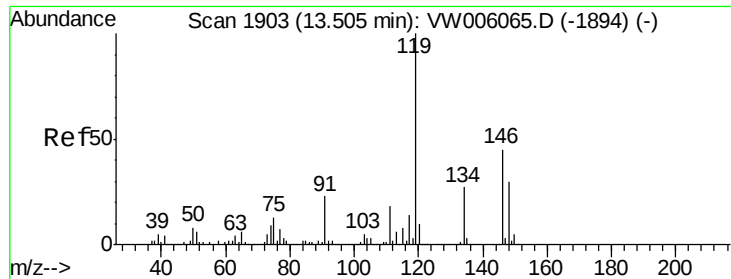
50000

0

13.51

Time-->





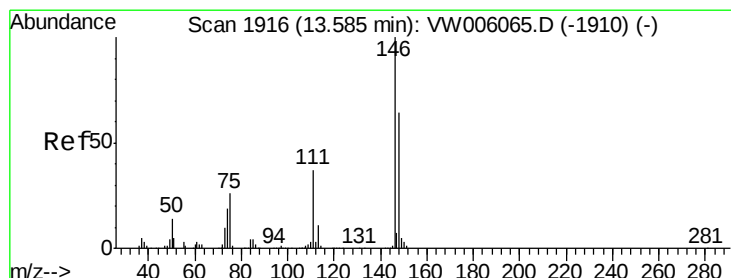
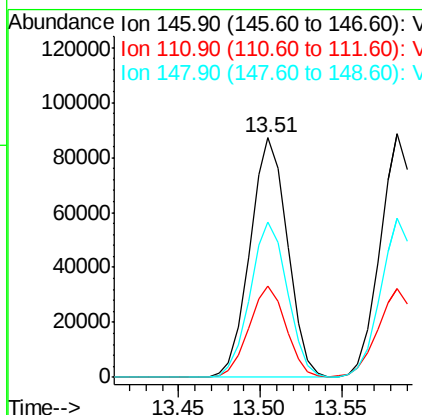
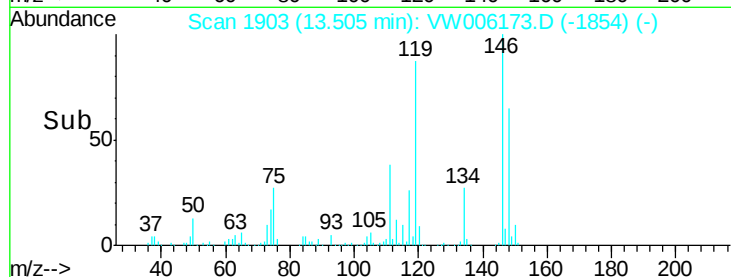
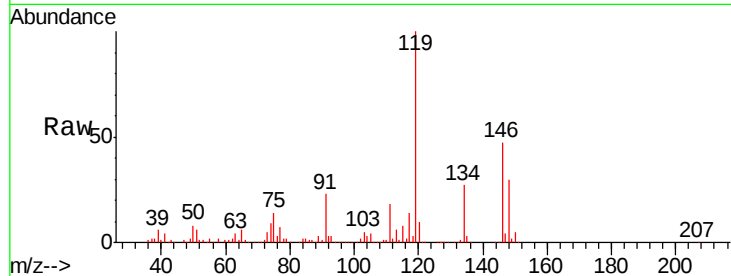
#87
 1,3-Dichlorobenzene
 Concen: 21.20 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006173.D
 Acq: 18 Oct 2018 14:09

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1018SBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	19.1	57.5
148	64.6	32.0	96.2

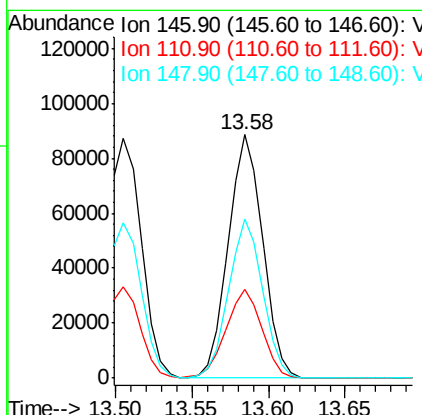
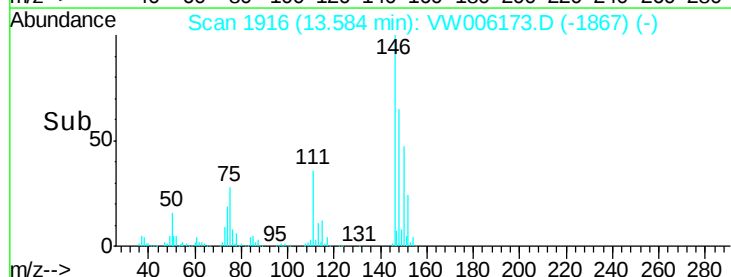
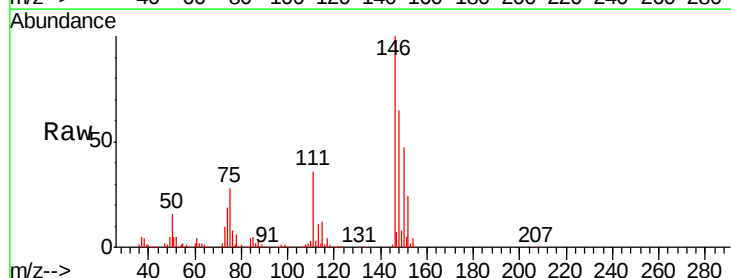
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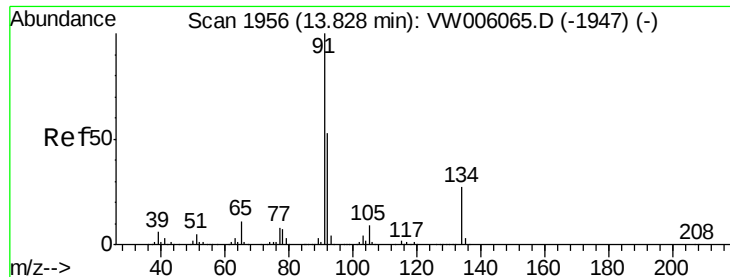
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 21.10 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW006173.D
 Acq: 18 Oct 2018 14:09

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.6	56.0
148	64.4	32.1	96.5





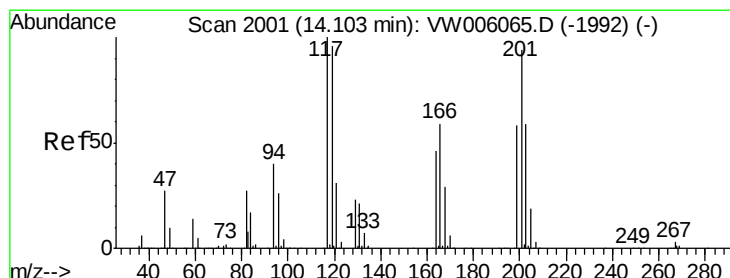
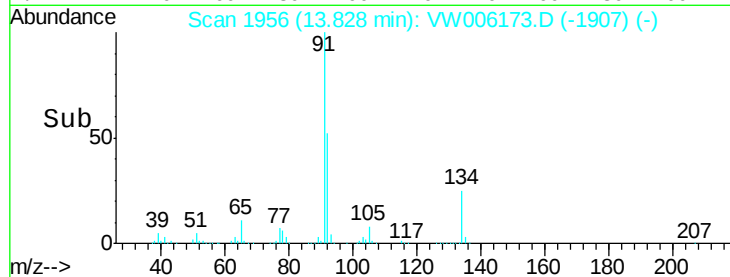
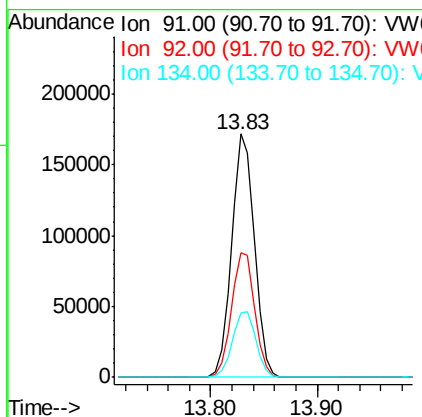
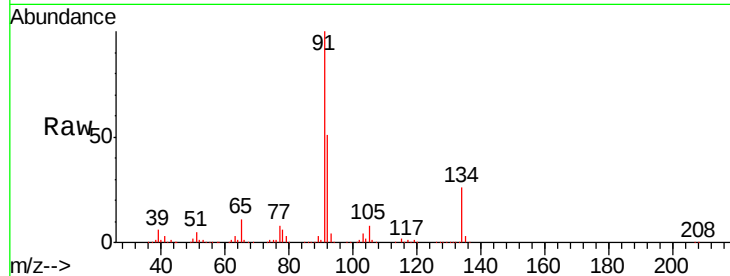
#89
n-Butylbenzene
Concen: 21.61 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW006173.D
Acq: 18 Oct 2018 14:09

Instrument :
MSVOA_W
ClientSampleId :
VW1018SBS01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.6	79.7
134	28.0	14.0	41.9

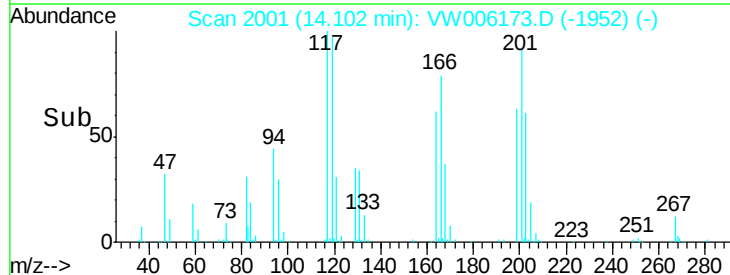
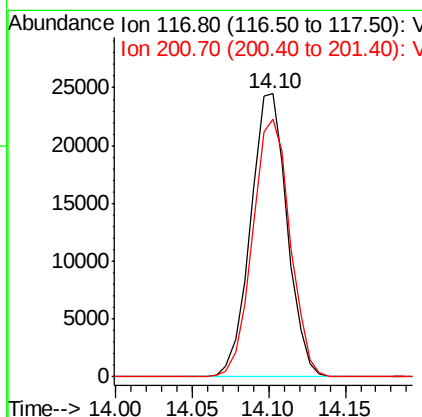
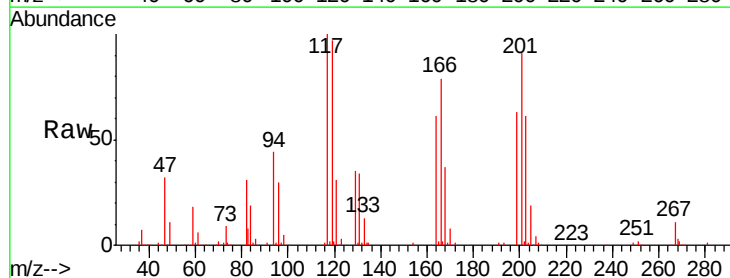
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#90
Hexachloroethane
Concen: 18.52 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. -0.00 min
Lab File: VW006173.D
Acq: 18 Oct 2018 14:09

Tgt Ion	Ratio	Lower	Upper
117	100		
201	93.1	45.3	135.9





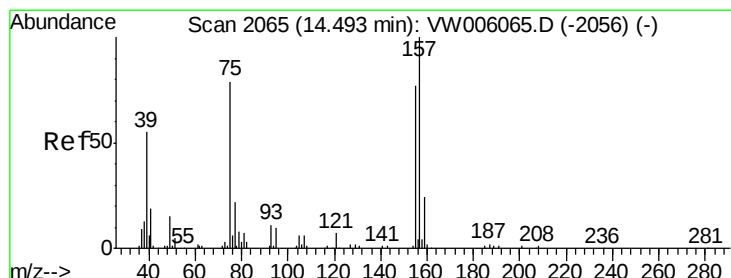
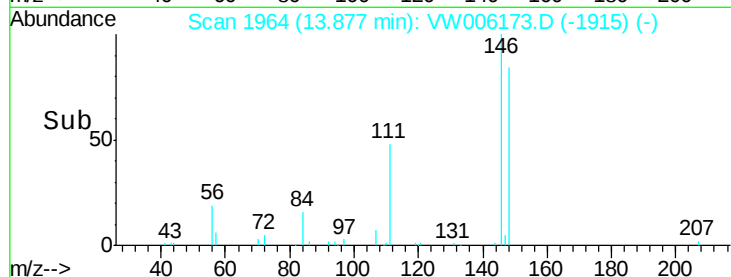
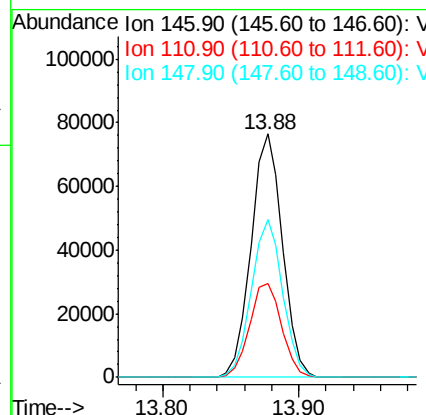
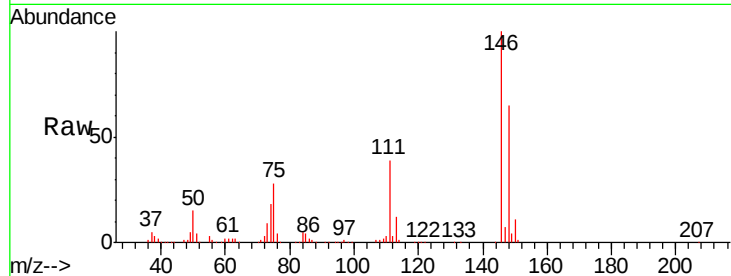
#91
1,2-Dichlorobenzene
Concen: 21.12 ug/l
RT: 13.88 min Scan# 1964
Delta R.T. -0.00 min
Lab File: VW006173.D
Acq: 18 Oct 2018 14:09

Instrument :
MSVOA_W
ClientSampleId :
VW1018SBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.6	58.7
148	64.4	32.2	96.6

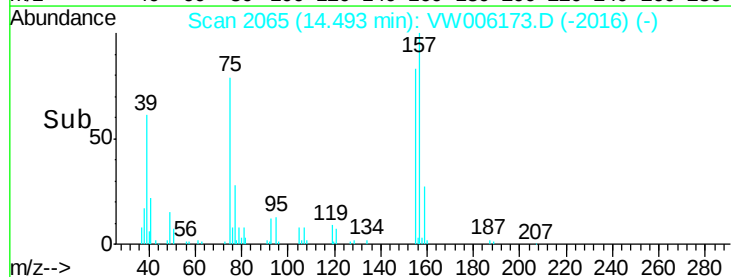
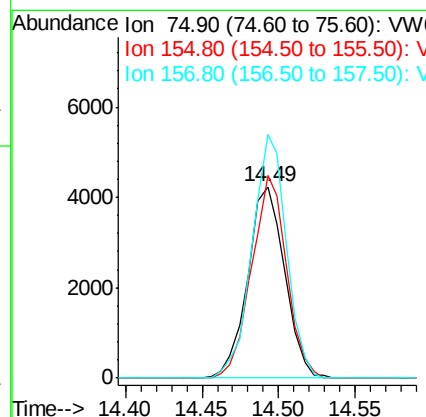
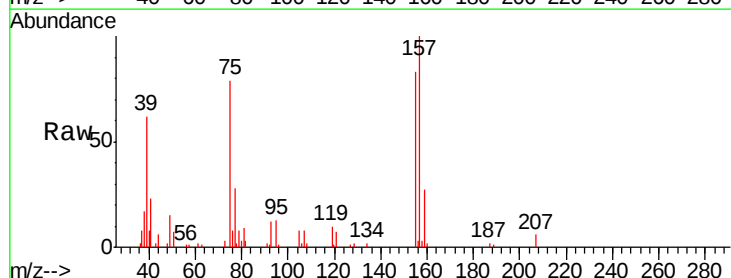
Manual Integrations
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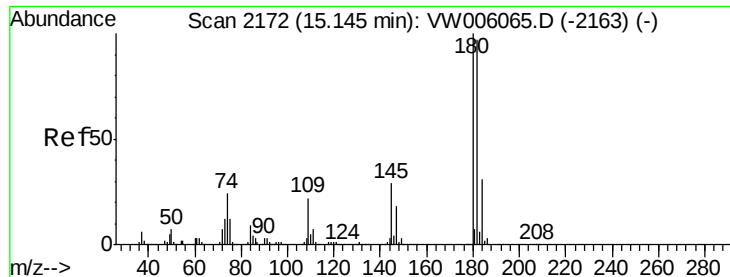
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#92
1,2-Dibromo-3-Chloropropane
Concen: 19.40 ug/l
RT: 14.49 min Scan# 2065
Delta R.T. -0.00 min
Lab File: VW006173.D
Acq: 18 Oct 2018 14:09

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.6	46.5	139.5
157	118.2	59.8	179.4





#93

1,2,4-Trichlorobenzene

Concen: 21.50 ug/l

RT: 15.14 min Scan# 2171

Delta R.T. -0.01 min

Lab File: VW006173.D

Acq: 18 Oct 2018 14:09

Instrument :

MSVOA_W

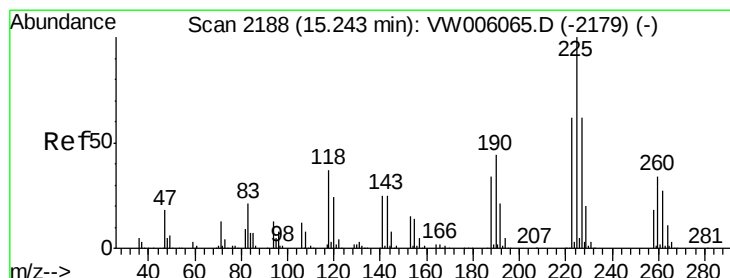
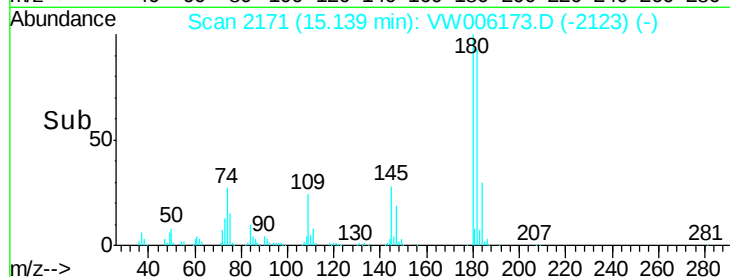
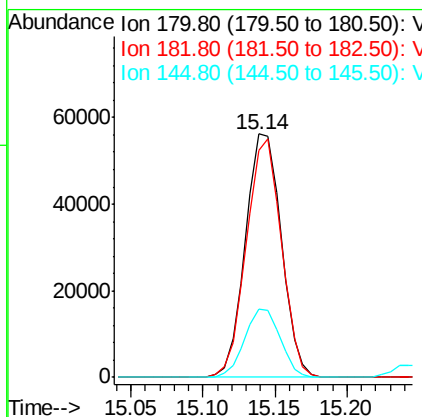
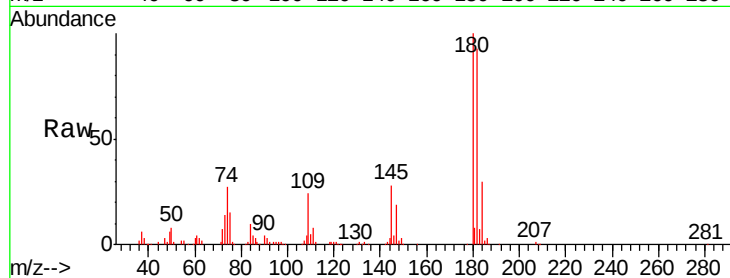
ClientSampleId :

VW1018SBS01

Tgt Ion:	180	Resp:	97115
Ion Ratio	Lower	Upper	
180	100		
182	95.3	47.9	143.6
145	27.9	14.2	42.8

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#94

Hexachlorobutadiene

Concen: 21.74 ug/l

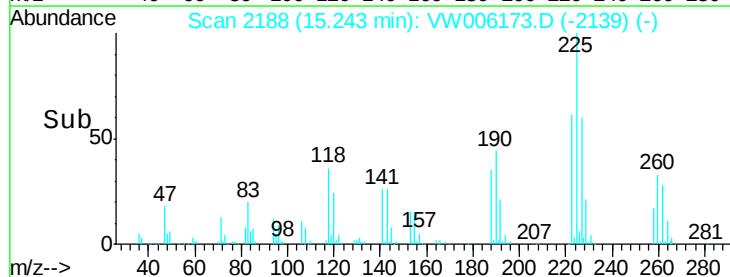
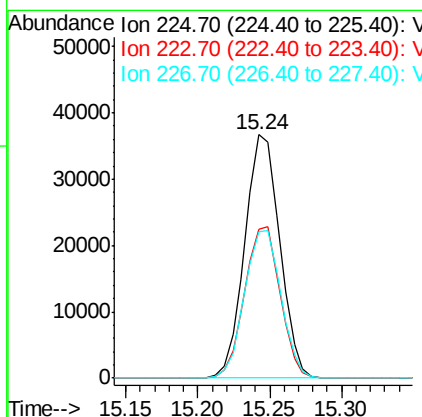
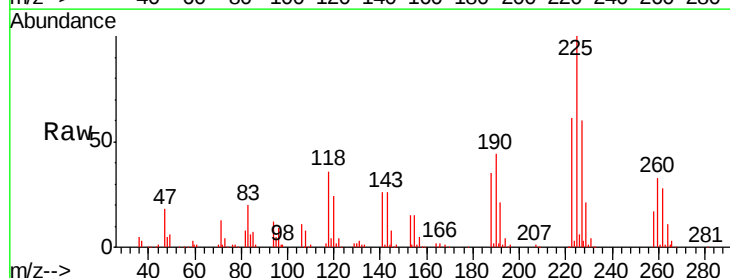
RT: 15.24 min Scan# 2188

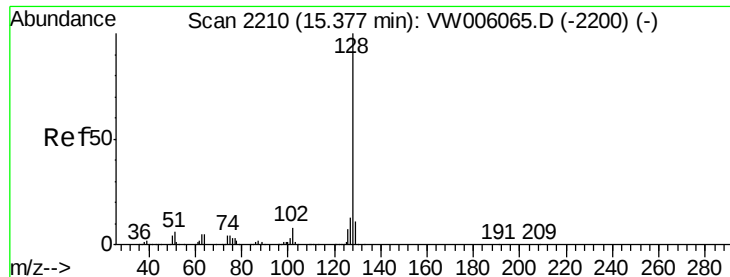
Delta R.T. -0.00 min

Lab File: VW006173.D

Acq: 18 Oct 2018 14:09

Tgt Ion:	225	Resp:	61706
Ion Ratio	Lower	Upper	
225	100		
223	62.9	31.1	93.5
227	63.0	32.4	97.0





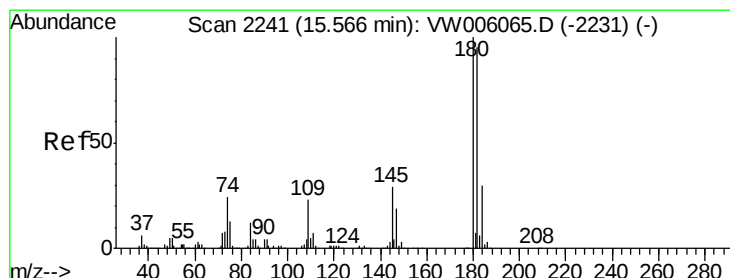
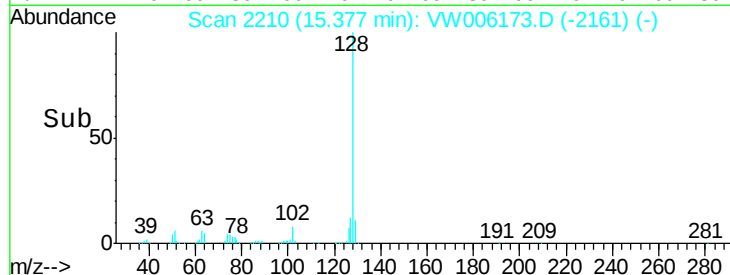
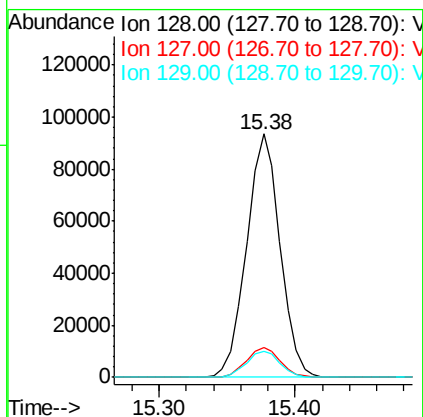
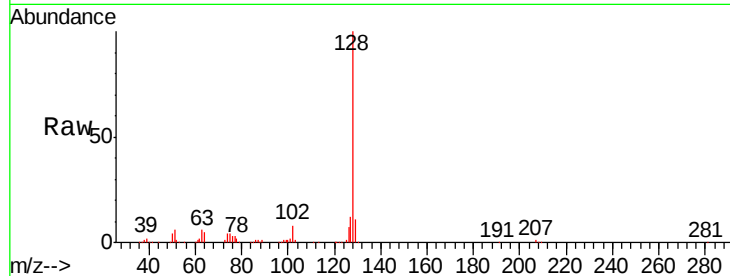
#95
Naphthalene
Concen: 21.46 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006173.D
Acq: 18 Oct 2018 14:09

Instrument :
MSVOA_W
ClientSampleId :
VW1018SBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	161314		
127	12.7	10.3	15.5	
129	10.9	8.7	13.1	

Manual Integrations
APPROVED

apatel
10/19/2018 12:42:16 PM



#96
1,2,3-Trichlorobenzene
Concen: 21.58 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW006173.D
Acq: 18 Oct 2018 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	84325		
182	95.1	47.8	143.3	
145	29.5	15.0	45.1	

