

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101818\
 Data File : VW006199.D
 Acq On : 19 Oct 2018 03:29
 Operator : VA/AP
 Sample : VW1018SBS02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1018SBS02

Manual Integrations
 APPROVED

apatel
 10/19/2018 12:54:22 PM

Quant Time: Oct 19 08:10:44 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	248370	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	364745	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	333077	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	187442	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	108562	52.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.44%	
35) Dibromofluoromethane	7.88	113	108144	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	
50) Toluene-d8	10.33	98	409135	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	
62) 4-Bromofluorobenzene	12.62	95	153599	49.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.74%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.01	85	20259	16.48	ug/l	97
3) Chloromethane	2.21	50	28092	17.76	ug/l	100
4) Vinyl Chloride	2.37	62	41888	18.54	ug/l	99
5) Bromomethane	2.78	94	41364	20.13	ug/l	98
6) Chloroethane	2.93	64	32337	19.97	ug/l	100
7) Trichlorofluoromethane	3.26	101	34950	16.60	ug/l	100
8) Diethyl Ether	3.68	74	22810	20.39	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	44345	20.10	ug/l	99
10) Methyl Iodide	4.26	142	75341	20.52	ug/l	99
11) Tert butyl alcohol	5.21	59	14633	105.66	ug/l	98
12) 1,1-Dichloroethene	4.04	96	42236	20.35	ug/l	93
13) Acrolein	3.89	56	13298	99.24	ug/l	100
14) Allyl chloride	4.67	41	57556	19.40	ug/l	99
15) Acrylonitrile	5.37	53	44455	110.80	ug/l	99
16) Acetone	4.14	43	39317	92.45	ug/l	96
17) Carbon Disulfide	4.37	76	108146	17.27	ug/l	100
18) Methyl Acetate	4.68	43	22556	21.77	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	66967	21.19	ug/l	98
20) Methylene Chloride	4.91	84	52527	23.24	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	48611	20.99	ug/l	98
22) Diisopropyl ether	6.31	45	124167	21.18	ug/l	98
23) Vinyl Acetate	6.26	43	349983	101.14	ug/l	99
24) 1,1-Dichloroethane	6.21	63	81642	21.58	ug/l	99
25) 2-Butanone	7.18	43	60125	108.09	ug/l	97
26) 2,2-Dichloropropane	7.17	77	46997	17.61	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	54701	21.40	ug/l	98
28) Bromochloromethane	7.51	49	27074	18.54	ug/l	95
29) Tetrahydrofuran	7.54	42	37463	109.56	ug/l	98
30) Chloroform	7.68	83	89969	21.83	ug/l	98
31) Cyclohexane	7.96	56	72073	19.13	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	74256	19.97	ug/l	99
36) 1,1-Dichloropropene	8.08	75	69862	20.78	ug/l	99
37) Ethyl Acetate	7.26	43	26366	21.11	ug/l	99
38) Carbon Tetrachloride	8.07	117	69455	18.85	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	87373	19.55	ug/l	98
40) Benzene	8.32	78	194926	21.14	ug/l	100
41) Methacrylonitrile	7.49	41	17243	22.90	ug/l	97
42) 1,2-Dichloroethane	8.40	62	59099	21.81	ug/l	100
43) Isopropyl Acetate	8.43	43	51699	20.24	ug/l	100
44) Trichloroethene	9.09	130	59684	21.09	ug/l	98
45) 1,2-Dichloropropane	9.37	63	46520	21.08	ug/l	100
46) Dibromomethane	9.46	93	27291	21.70	ug/l	99
47) Bromodichloromethane	9.65	83	61010	20.01	ug/l	99
48) Methyl methacrylate	9.44	41	24681	20.39	ug/l	92
49) 1,4-Dioxane	9.48	88	9112	470.60	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	134672	105.24	ug/l	98
52) Toluene	10.39	92	130925	21.18	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	56438	18.58	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	66792	19.16	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	38148	21.67	ug/l	99
56) Ethyl methacrylate	10.65	69	44652	20.69	ug/l	98
57) 1,3-Dichloropropane	10.93	76	63136	21.67	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	88851	107.76	ug/l	99
59) 2-Hexanone	10.98	43	91405	100.07	ug/l	98
60) Dibromochloromethane	11.13	129	42228	19.26	ug/l	99
61) 1,2-Dibromoethane	11.24	107	37991	21.60	ug/l	99
64) Tetrachloroethene	10.87	164	56518	21.86	ug/l	99
65) Chlorobenzene	11.66	112	154443	21.66	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	50953	20.11	ug/l	99
67) Ethyl Benzene	11.74	91	259286	20.98	ug/l	99
68) m/p-Xylenes	11.84	106	204995	41.97	ug/l	100
69) o-Xylene	12.17	106	97346	20.91	ug/l	100
70) Styrene	12.18	104	159749	21.11	ug/l	100
71) Bromoform	12.35	173	25438	18.00	ug/l #	100
73) Isopropylbenzene	12.47	105	272963	20.61	ug/l	100
74) N-amyl acetate	12.28	43	49874	19.39	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	42873	21.29	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	33805m	23.61	ug/l	
77) Bromobenzene	12.75	156	68014	20.97	ug/l	100
78) n-propylbenzene	12.81	91	320112	20.78	ug/l	100
79) 2-Chlorotoluene	12.90	91	181951	21.02	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	231396	20.73	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	9567	15.97	ug/l	91
82) 4-Chlorotoluene	12.99	91	193207	21.31	ug/l	99
83) tert-Butylbenzene	13.21	119	207148	20.74	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	235710	20.87	ug/l	99
85) sec-Butylbenzene	13.39	105	290557	20.59	ug/l	100
86) p-Isopropyltoluene	13.51	119	261719	20.51	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	136667	21.17	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	135088	21.02	ug/l	99
89) n-Butylbenzene	13.83	91	239512	20.52	ug/l	99
90) Hexachloroethane	14.10	117	39026	18.05	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	122538	21.28	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6877	19.07	ug/l	99

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QLast Update : Thu Oct 18 17:01:24 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	93646	21.14	ug/l	99
94) Hexachlorobutadiene	15.24	225	57853	20.79	ug/l	99
95) Naphthalene	15.38	128	160523	21.78	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	83075	21.68	ug/l	100

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

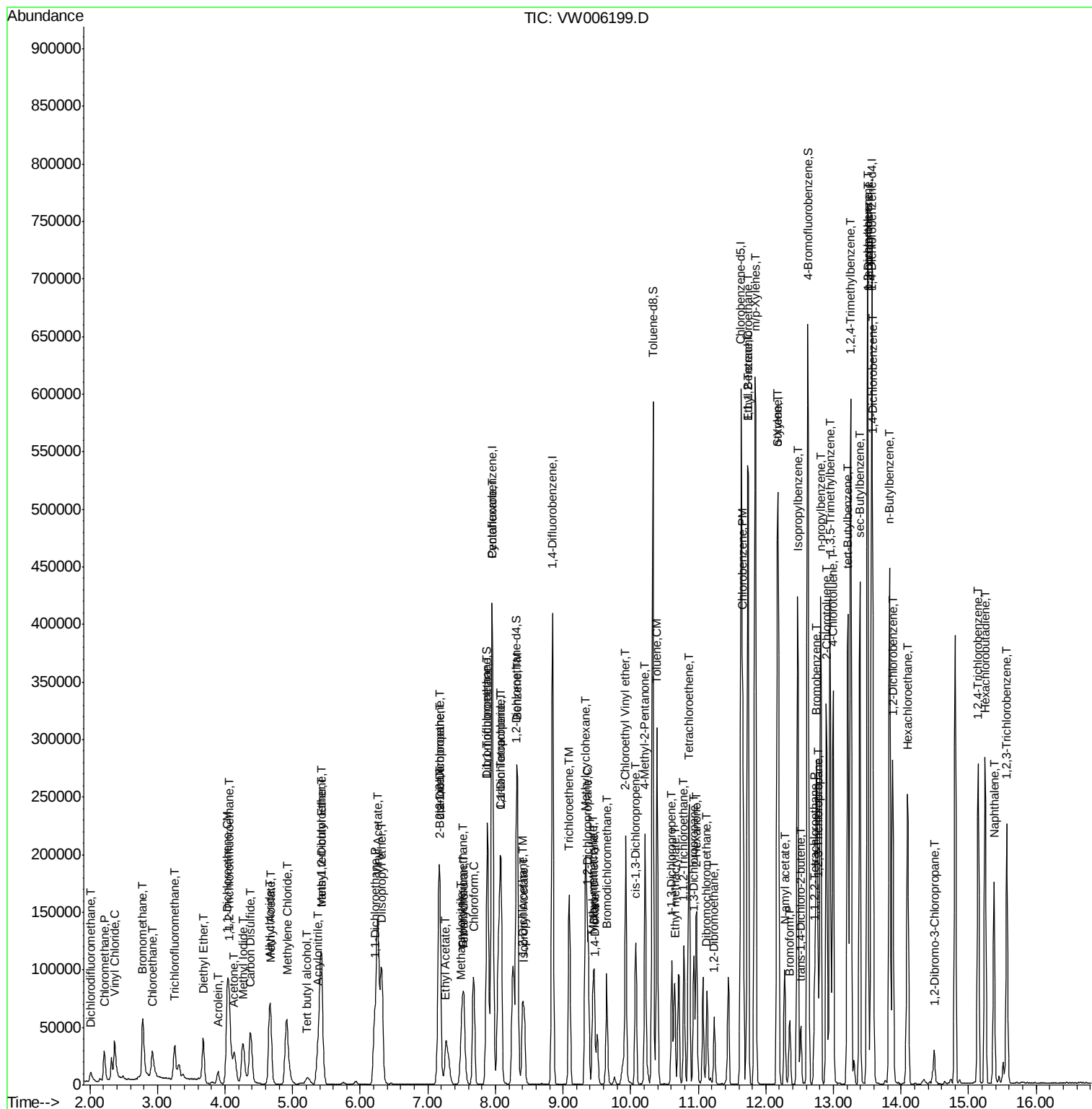
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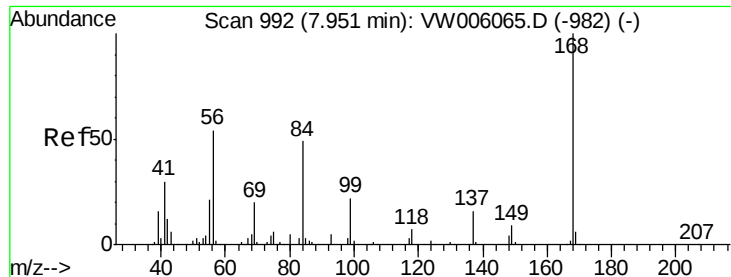
Instrument :
MSVOA_W
ClientSampleId :
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Manual Integrations
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006199.D

Acq: 19 Oct 2018 03:29

Instrument :

MSVOA_W

ClientSampleId :

VW1018SBS02

Tgt Ion: 168 Resp: 248370

Ion Ratio Lower Upper

168 100

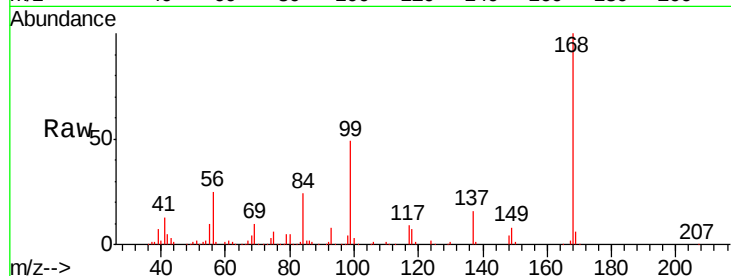
99 48.8 39.9 59.9

Manual Integrations

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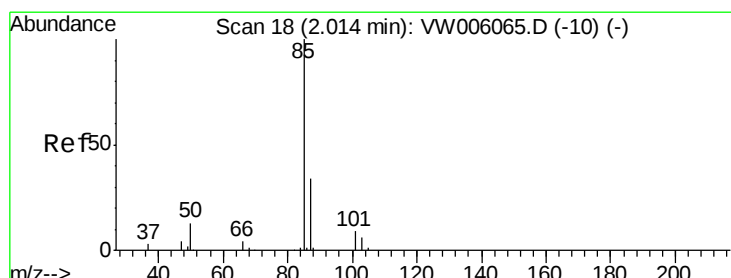
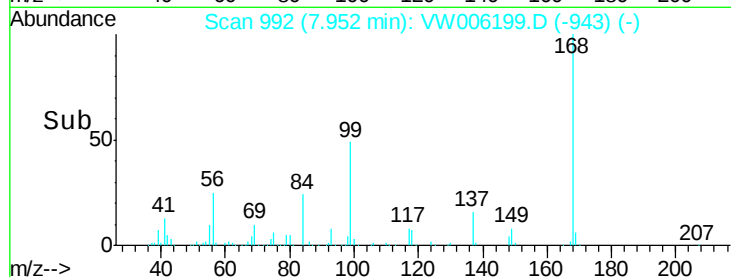
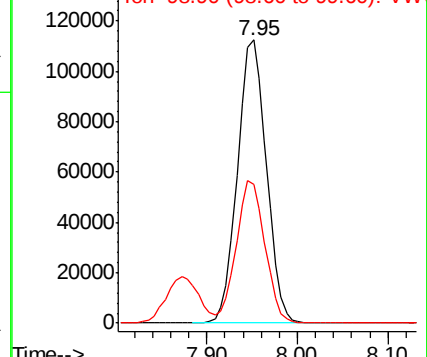
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 16.48 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW006199.D

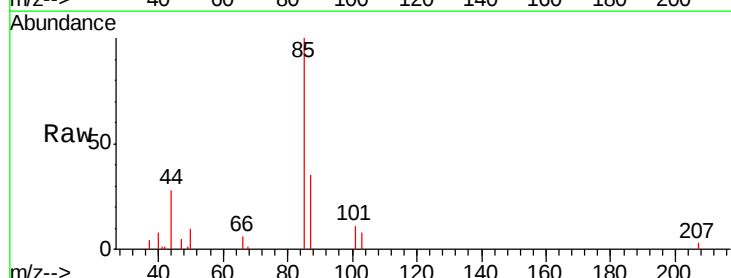
Acq: 19 Oct 2018 03:29

Tgt Ion: 85 Resp: 20259

Ion Ratio Lower Upper

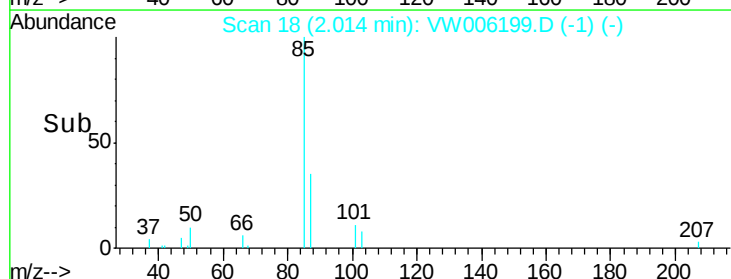
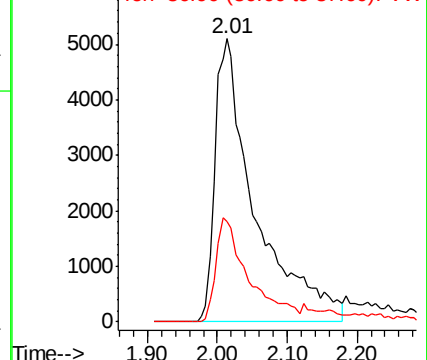
85 100

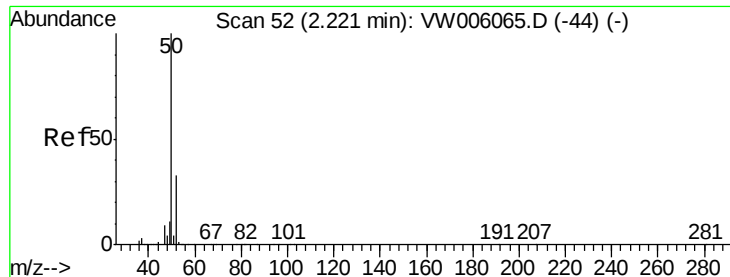
87 35.3 16.9 50.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 17.76 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006199.D

Acq: 19 Oct 2018 03:29

Instrument :

MSVOA_W

ClientSampleId :

VW1018SBS02

Tgt Ion: 50 Resp: 28092

Ion Ratio Lower Upper

50 100

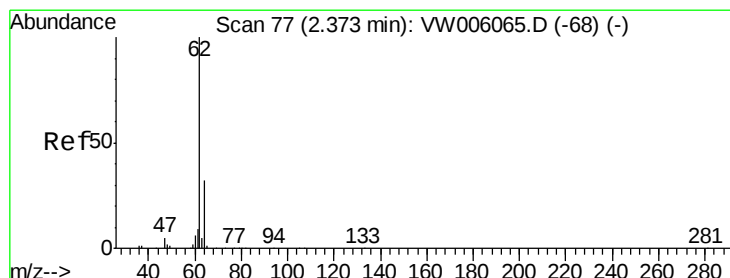
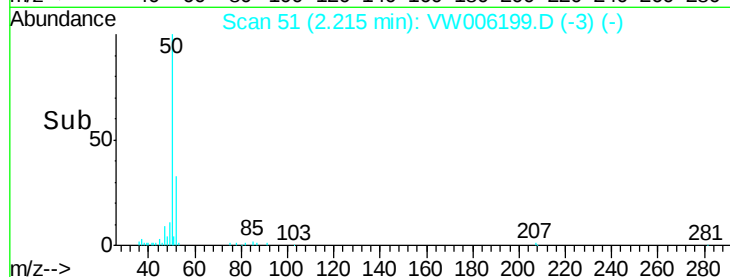
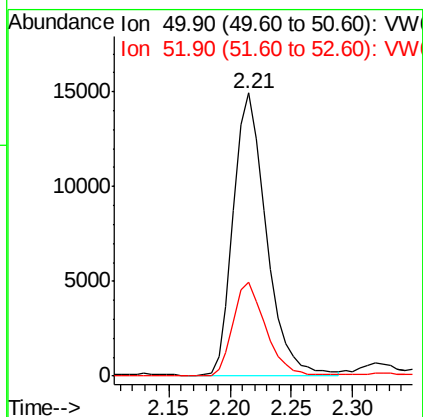
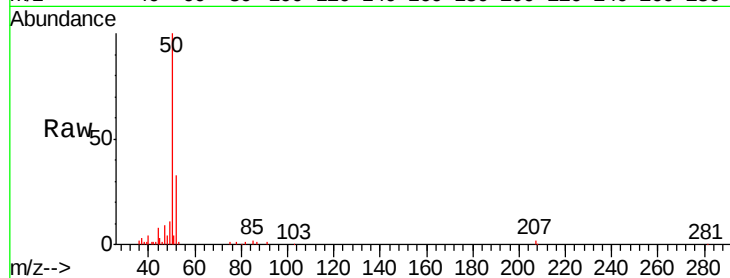
52 33.3 26.8 40.2

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#4

Vinyl Chloride

Concen: 18.54 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006199.D

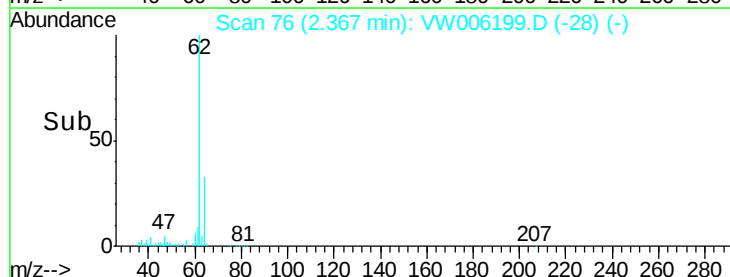
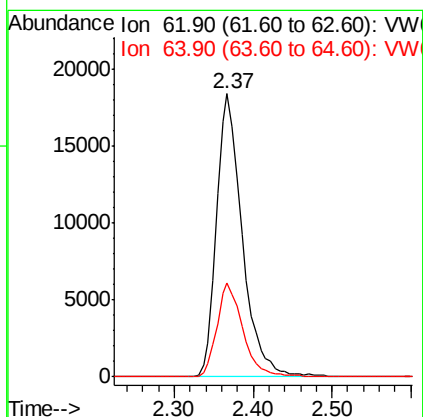
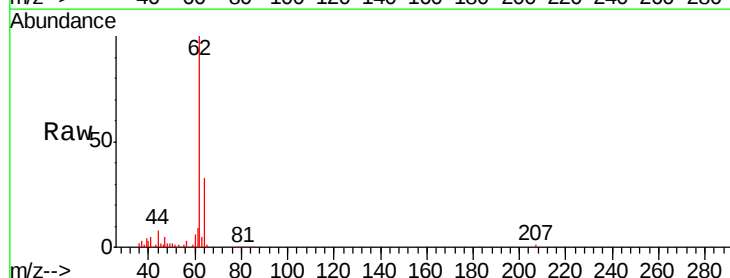
Acq: 19 Oct 2018 03:29

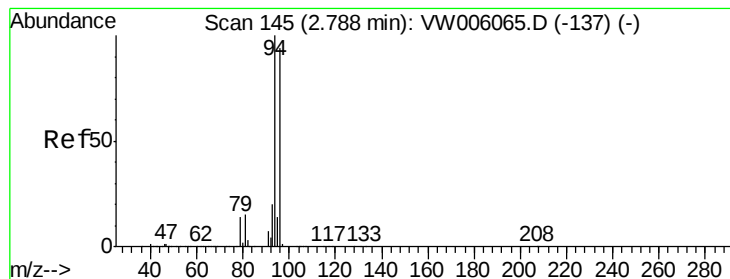
Tgt Ion: 62 Resp: 41888

Ion Ratio Lower Upper

62 100

64 33.2 25.9 38.9





#5

Bromomethane

Concen: 20.13 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW006199.D

Acq: 19 Oct 2018 03:29

Instrument :

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ClientSampleId :

VW1018SBS02

Tgt Ion: 94 Resp: 41364

Ion Ratio Lower Upper

94 100

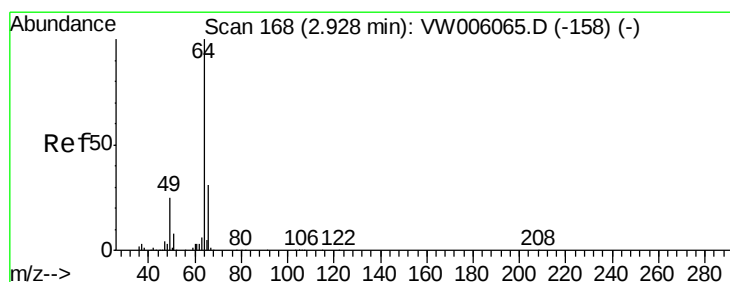
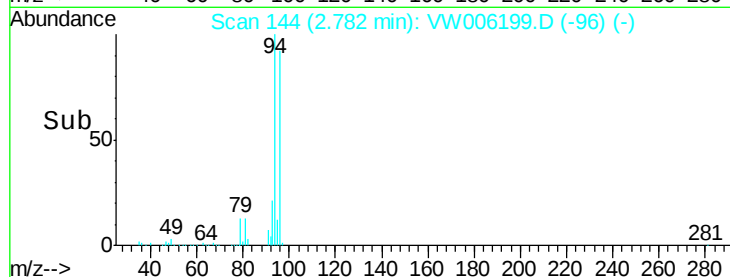
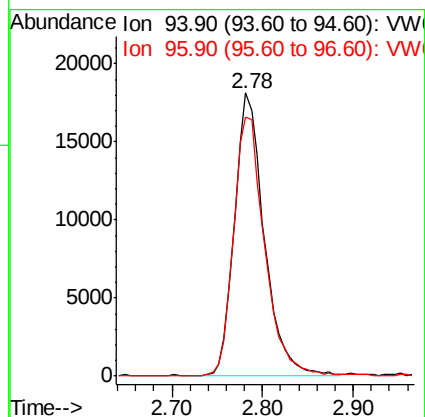
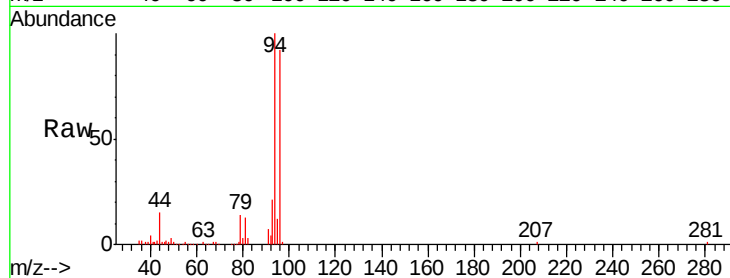
96 91.7 74.9 112.3

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#6

Chloroethane

Concen: 19.97 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW006199.D

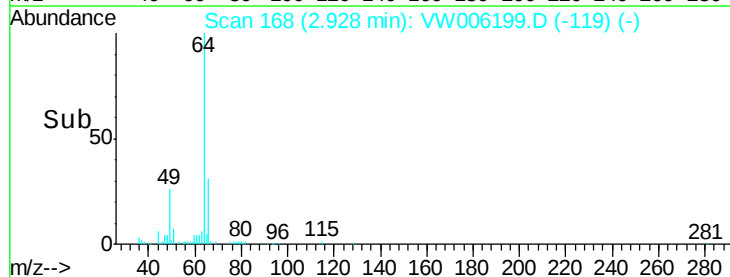
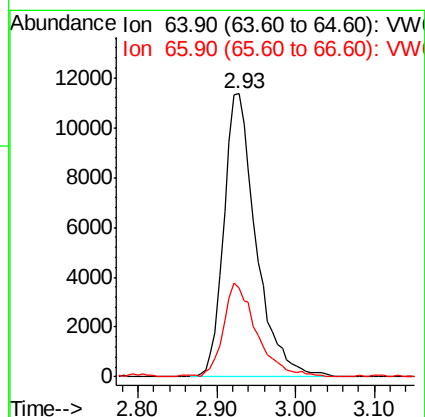
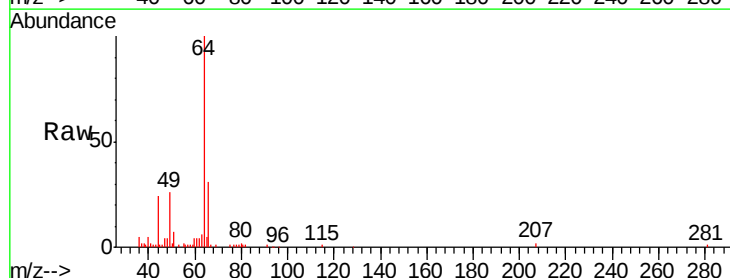
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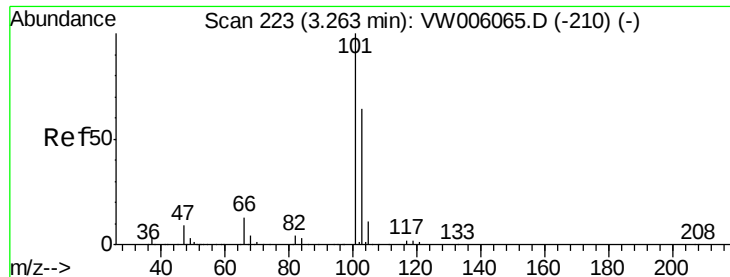
Tgt Ion: 64 Resp: 32337

Ion Ratio Lower Upper

64 100

66 31.3 24.9 37.3





#7

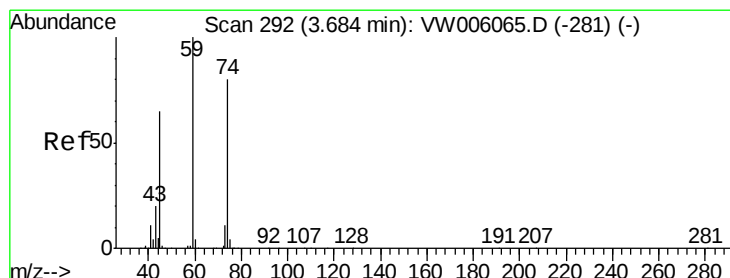
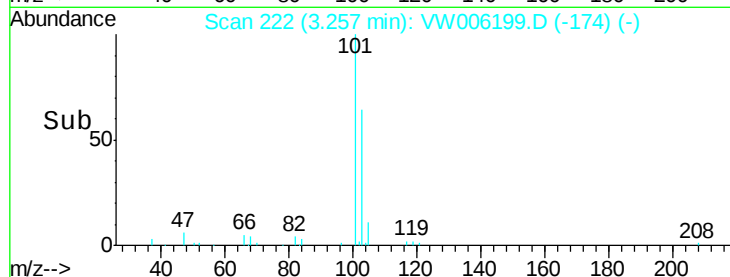
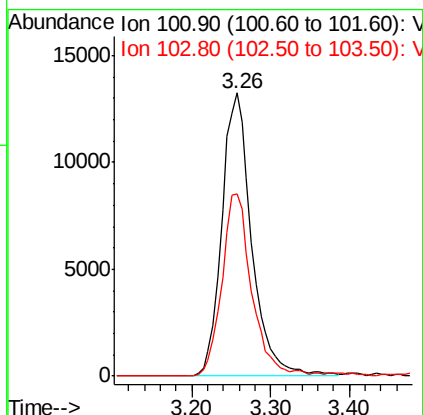
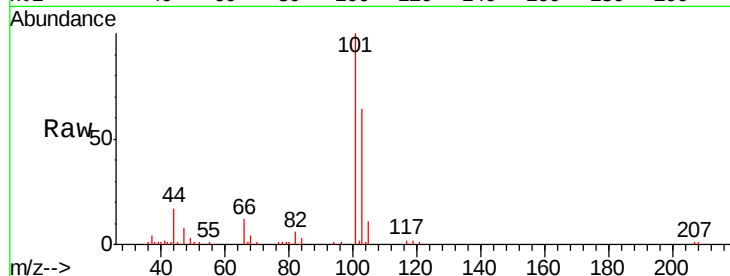
Trichlorofluoromethane
Concen: 16.60 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.01 min
Lab File: VW006199.D
Acq: 19 Oct 2018 03:29

Instrument :
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ClientSampleId :
VW1018SBS02

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	34950		
103	64.2	51.2	76.8	

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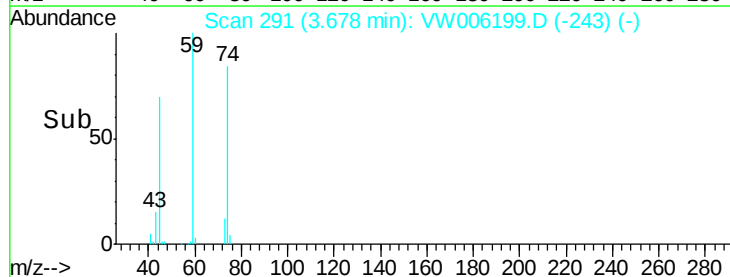
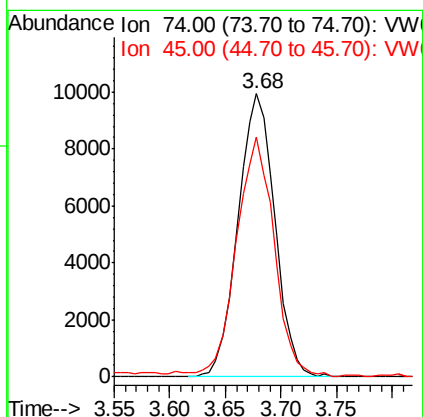
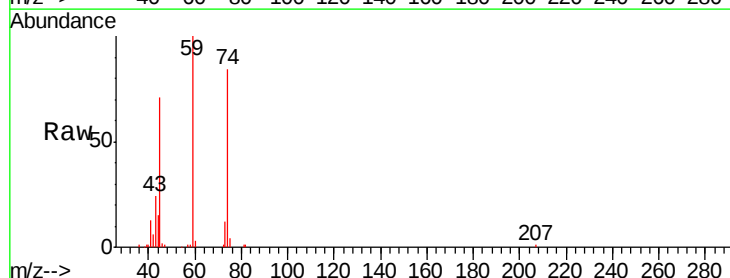
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#8

Diethyl Ether
Concen: 20.39 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.01 min
Lab File: VW006199.D
Acq: 19 Oct 2018 03:29

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	22810		
45	87.1	42.8	128.3	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.10 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW006199.D

Acq: 19 Oct 2018 03:29

Instrument :

MSVOA_W

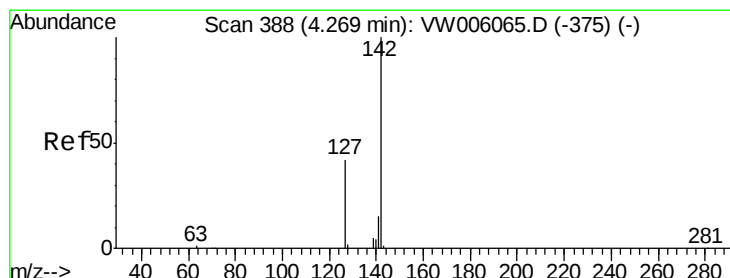
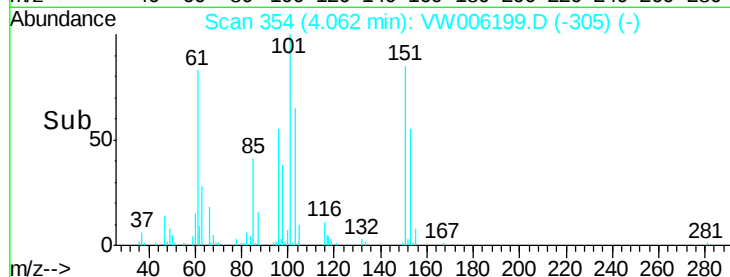
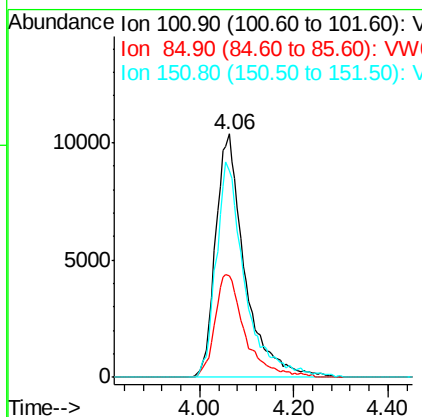
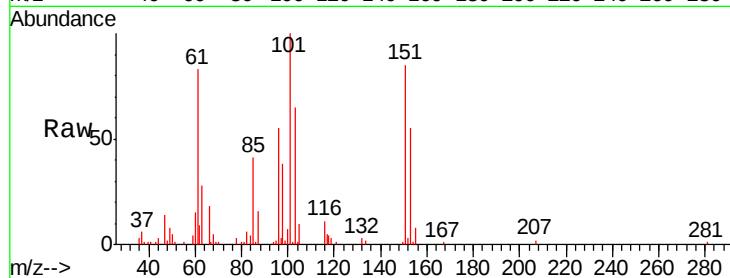
ClientSampleId :

VW1018SBS02

Tgt Ion:	101	Resp:	44345
Ion Ratio	Lower	Upper	
101	100		
85	43.0	34.9	52.3
151	87.0	70.4	105.6

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#10

Methyl Iodide

Concen: 20.52 ug/l

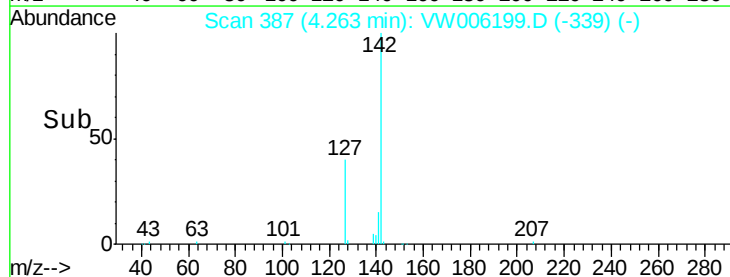
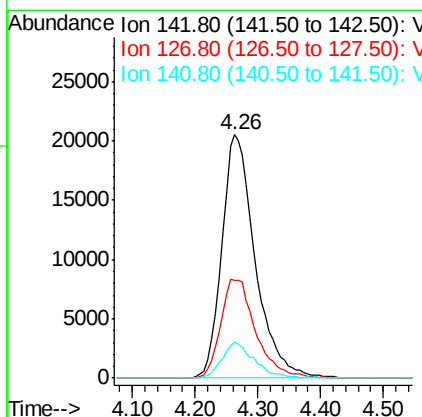
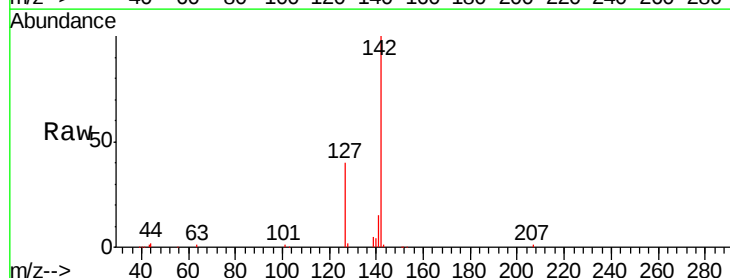
RT: 4.26 min Scan# 387

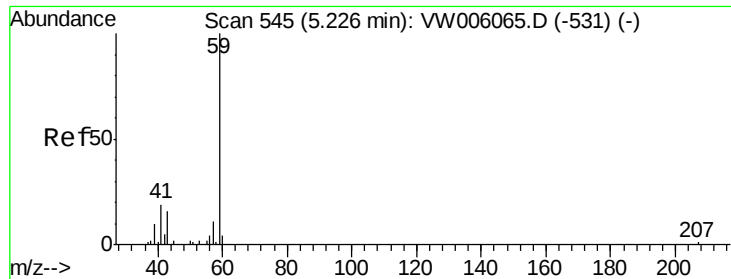
Delta R.T. -0.01 min

Lab File: VW006199.D

Acq: 19 Oct 2018 03:29

Tgt Ion:	142	Resp:	75341
Ion Ratio	Lower	Upper	
142	100		
127	42.5	33.6	50.4
141	14.1	11.6	17.4





#11

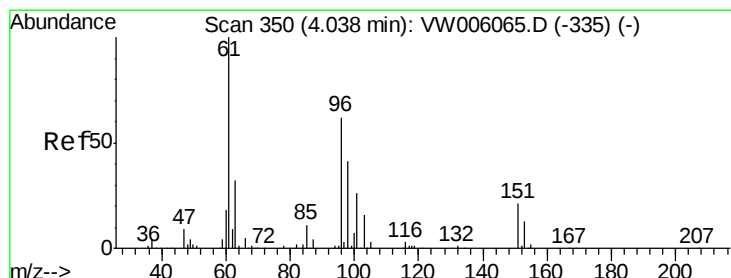
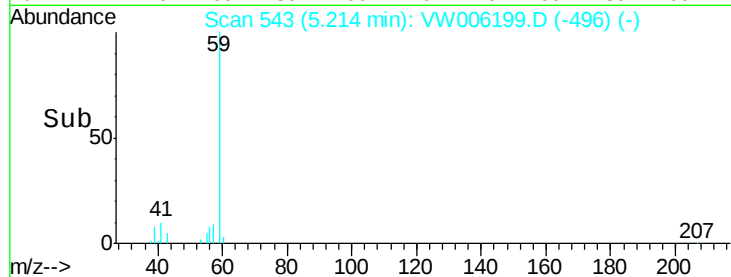
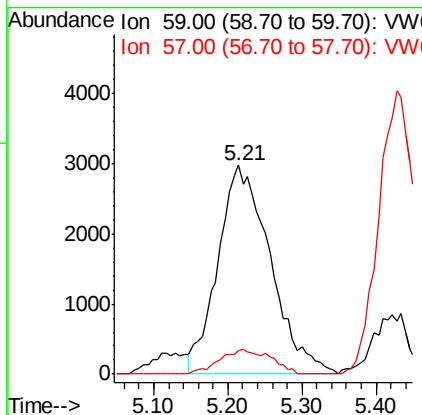
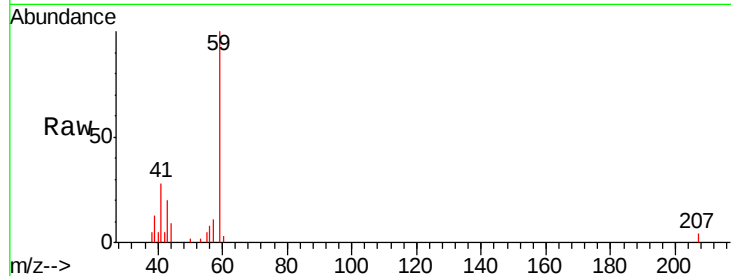
Tert butyl alcohol
Concen: 105.66 ug/l
RT: 5.21 min Scan# 543
Delta R.T. -0.01 min
Lab File: VW006199.D
Acq: 19 Oct 2018 03:29

Instrument :
MSVOA_W
ClientSampleId :
VW1018SBS02

Tgt Ion: 59 Resp: 14633
Ion Ratio Lower Upper
59 100
57 11.7 8.7 13.1

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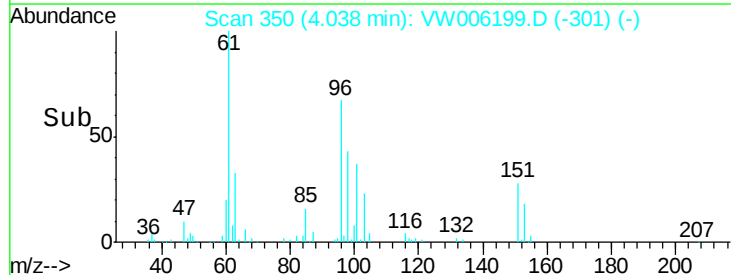
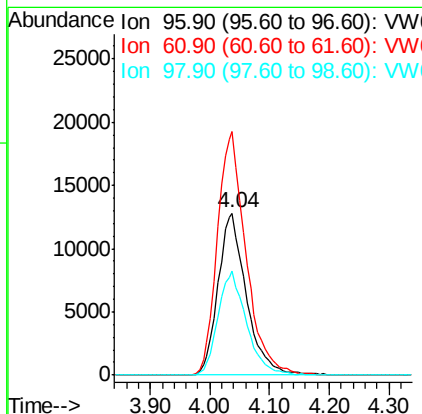
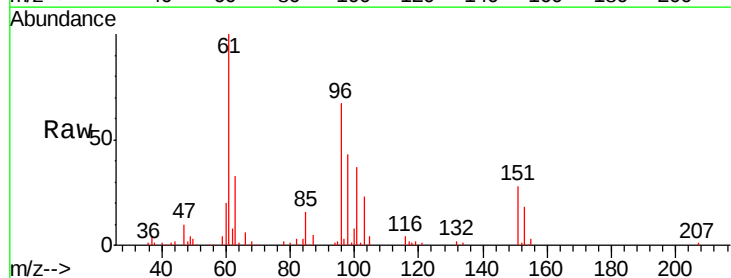
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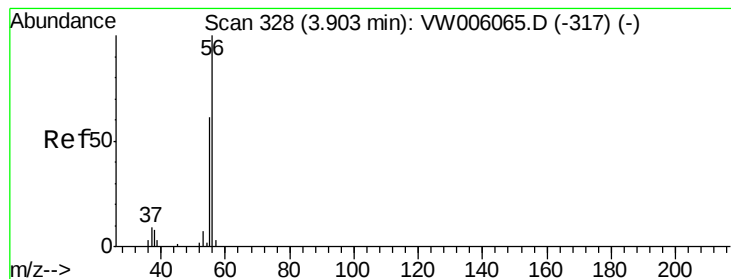


#12

1,1-Dichloroethene
Concen: 20.35 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.00 min
Lab File: VW006199.D
Acq: 19 Oct 2018 03:29

Tgt Ion: 96 Resp: 42236
Ion Ratio Lower Upper
96 100
61 150.1 129.3 193.9
98 63.9 53.1 79.7





#13

Acrolein

Concen: 99.24 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW006199.D

Acq: 19 Oct 2018 03:29

Instrument :

MSVOA_W

ClientSampleId :

VW1018SBS02

Tgt Ion: 56 Resp: 13298

Ion Ratio Lower Upper

56 100

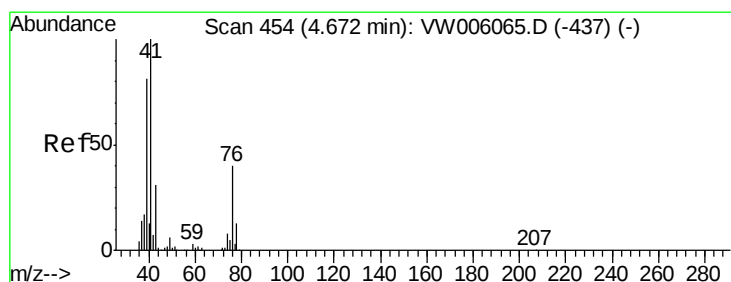
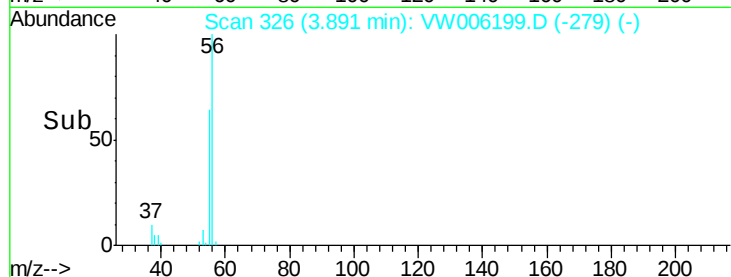
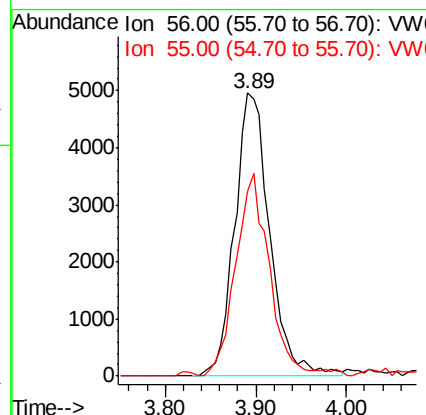
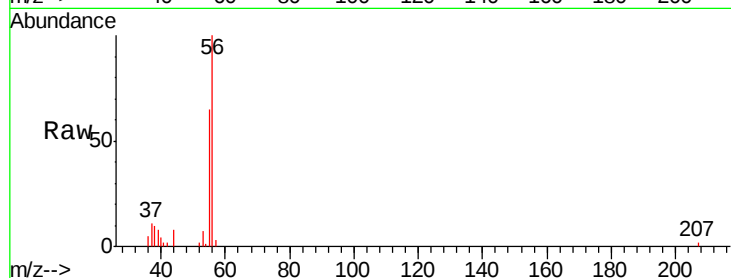
55 68.3 54.5 81.7

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#14

Allyl chloride

Concen: 19.40 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW006199.D

Acq: 19 Oct 2018 03:29

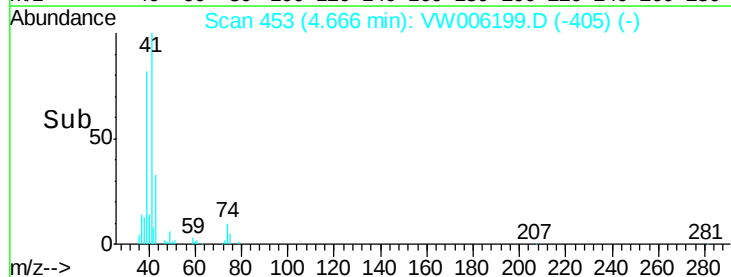
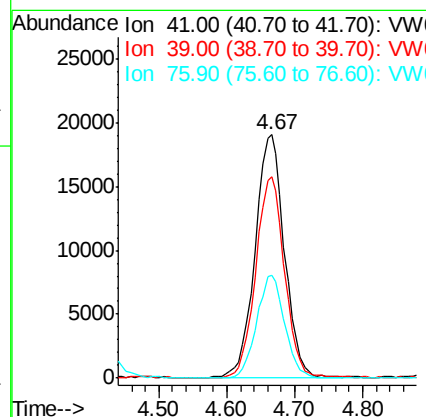
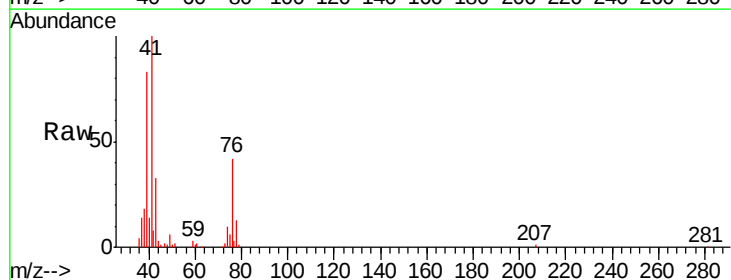
Tgt Ion: 41 Resp: 57556

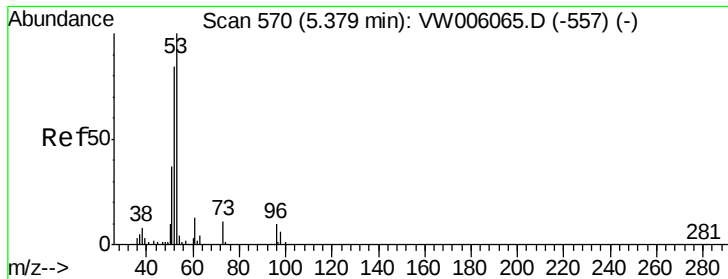
Ion Ratio Lower Upper

41 100

39 81.1 64.1 96.1

76 40.0 32.2 48.4





#15

Acrylonitrile

Concen: 110.80 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.01 min

Lab File: VW006199.D

Acq: 19 Oct 2018 03:29

Instrument :

MSVOA_W

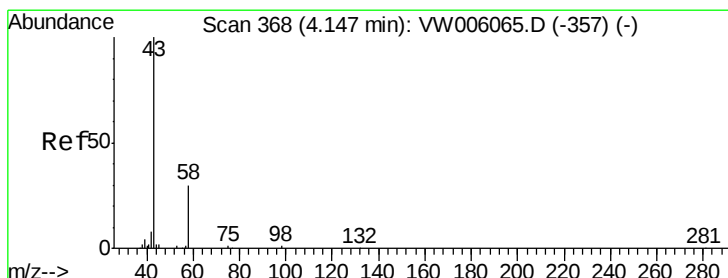
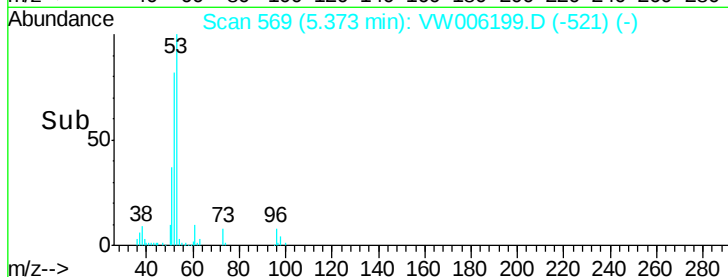
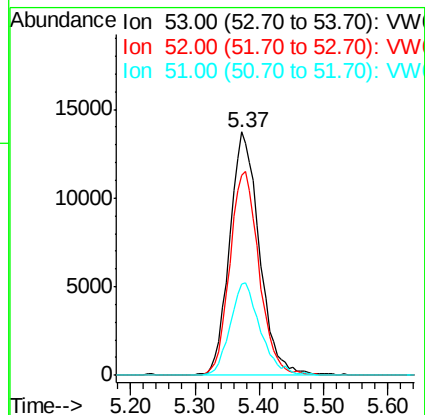
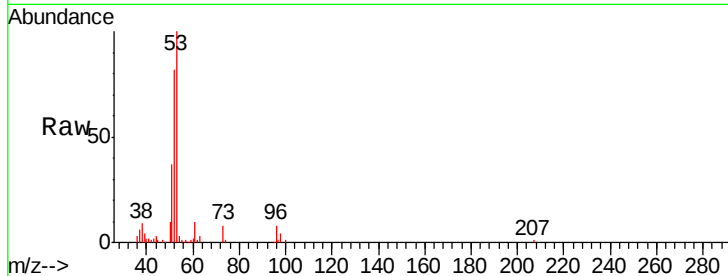
ClientSampleId :

VW1018SBSD02

Tgt Ion:	53	Resp:	44455
Ion	Ratio	Lower	Upper
53	100		
52	82.3	66.9	100.3
51	38.5	30.1	45.1

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#16

Acetone

Concen: 92.45 ug/l

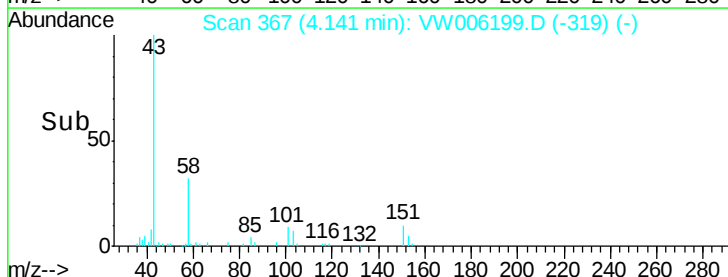
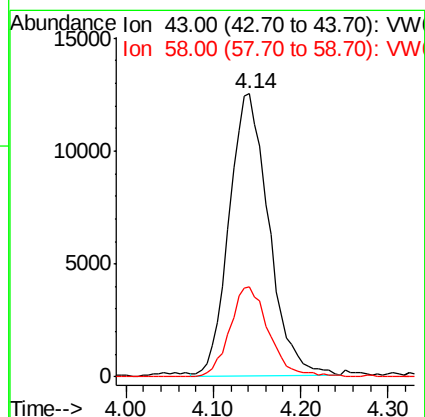
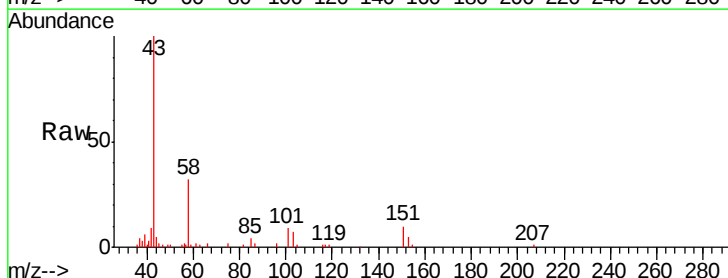
RT: 4.14 min Scan# 367

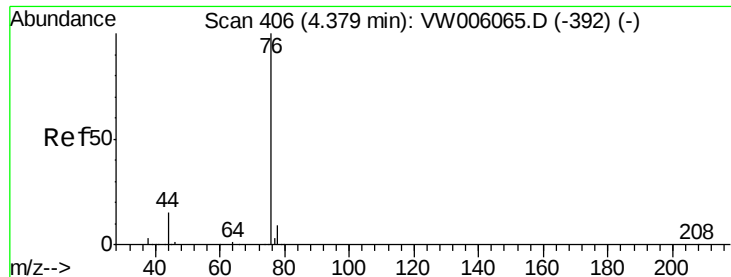
Delta R.T. -0.01 min

Lab File: VW006199.D

Acq: 19 Oct 2018 03:29

Tgt Ion:	43	Resp:	39317
Ion	Ratio	Lower	Upper
43	100		
58	32.0	24.0	36.0





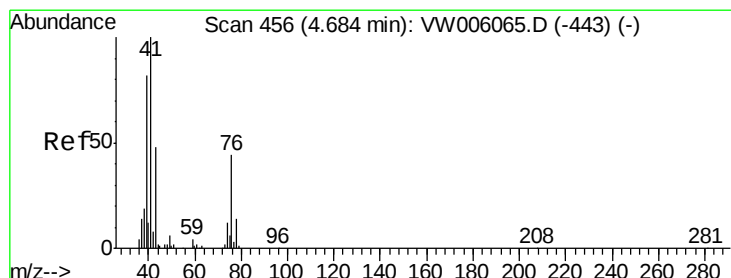
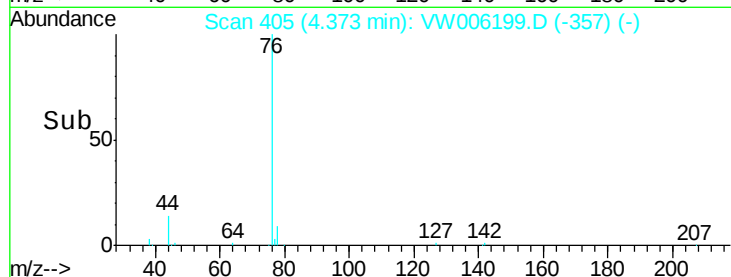
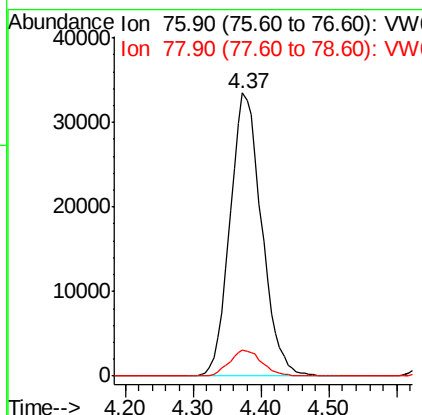
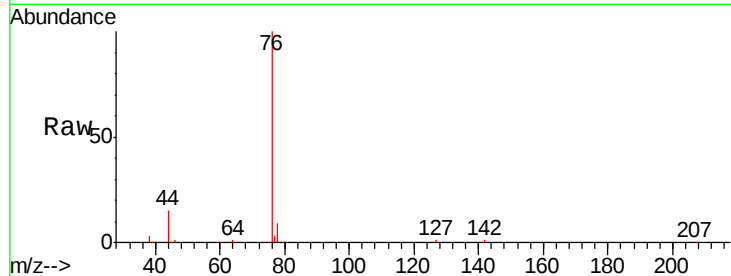
#17
Carbon Disulfide
Concen: 17.27 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW006199.D
Acq: 19 Oct 2018 03:29

Instrument :
MSVOA_W
ClientSampleId :
VW1018SBSD02

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.5	11.3

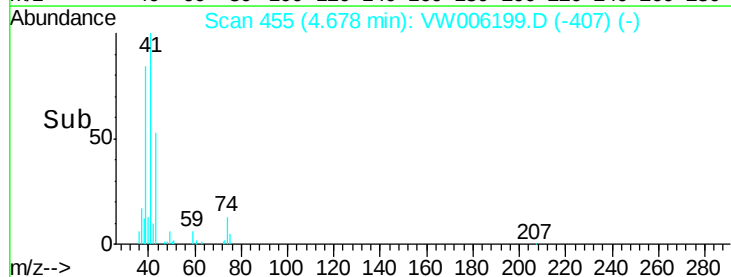
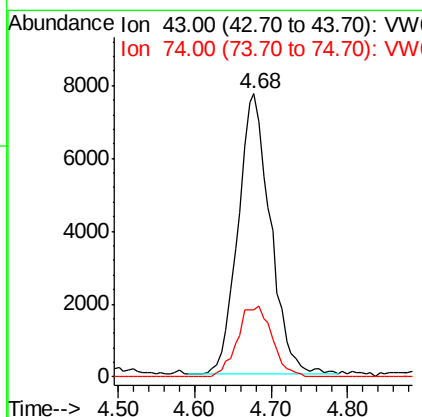
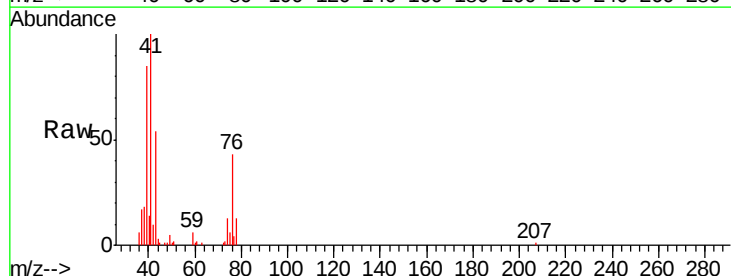
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#18
Methyl Acetate
Concen: 21.77 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.01 min
Lab File: VW006199.D
Acq: 19 Oct 2018 03:29

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.0	20.5	30.7





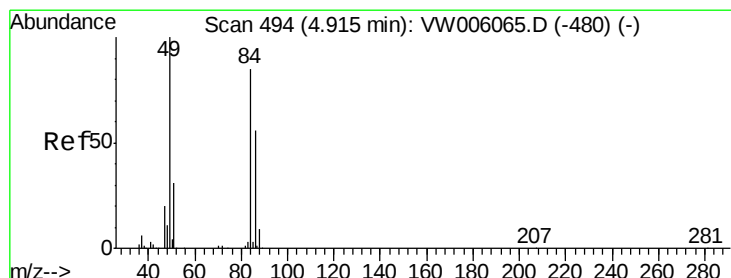
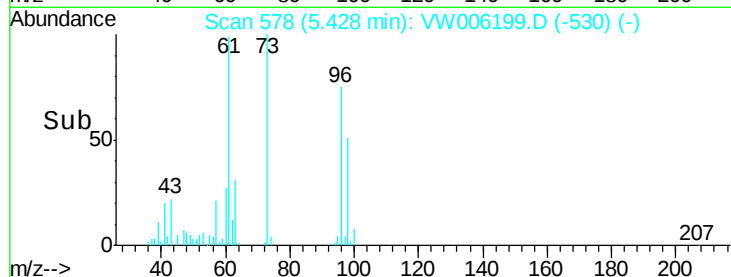
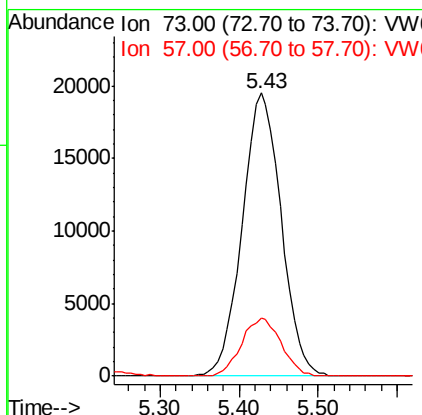
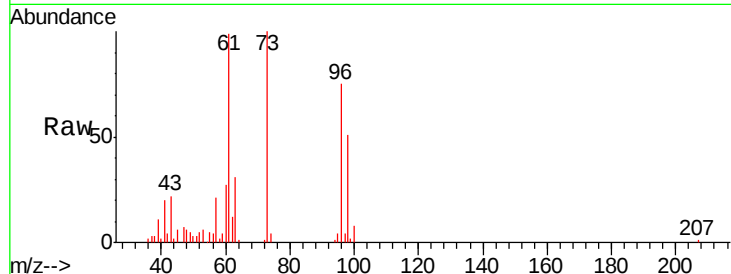
#19
Methyl tert-butyl Ether
Concen: 21.19 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW006199.D
Acq: 19 Oct 2018 03:29

Instrument :
MSVOA_W
ClientSampleId :
VW1018SBS02

Tgt Ion: 73 Resp: 66967
Ion Ratio Lower Upper
73 100
57 20.7 17.4 26.2

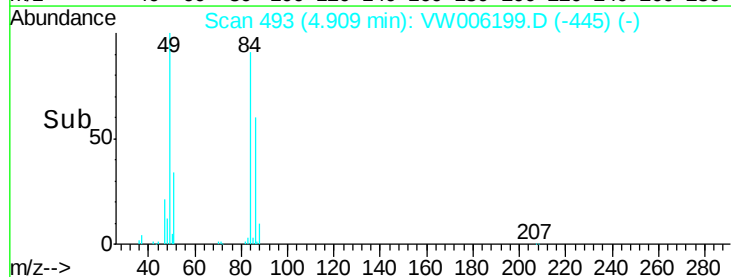
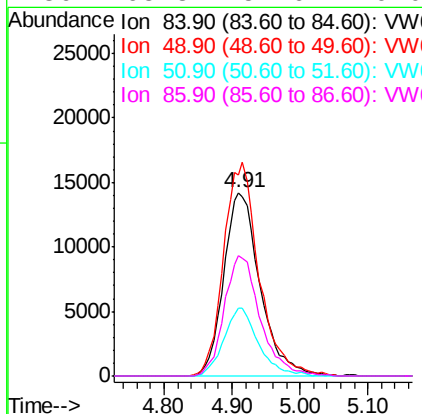
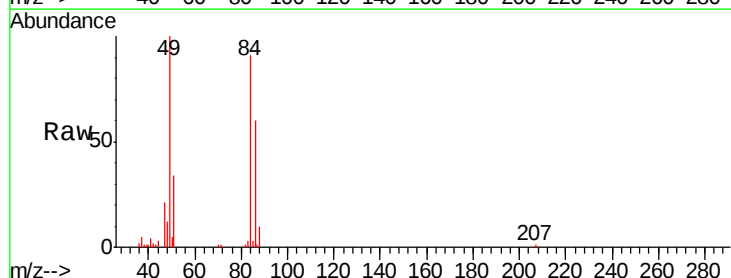
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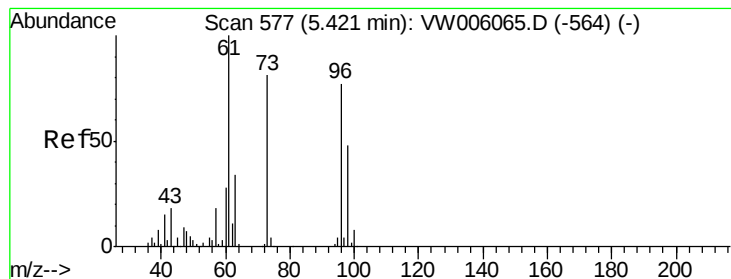
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#20
Methylene Chloride
Concen: 23.24 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006199.D
Acq: 19 Oct 2018 03:29

Tgt Ion: 84 Resp: 52527
Ion Ratio Lower Upper
84 100
49 109.7 93.6 140.4
51 37.0 29.0 43.4
86 65.8 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 20.99 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW006199.D

Acq: 19 Oct 2018 03:29

Instrument :

MSVOA_W

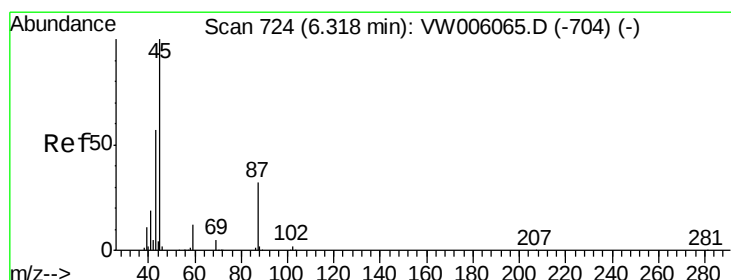
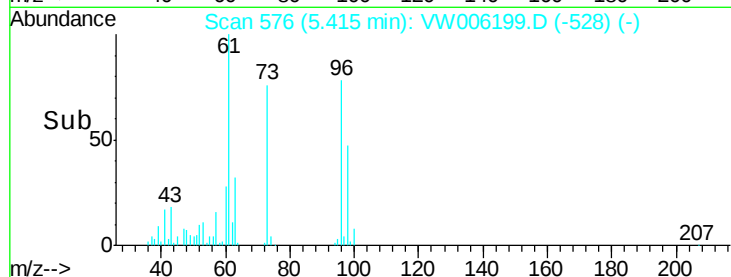
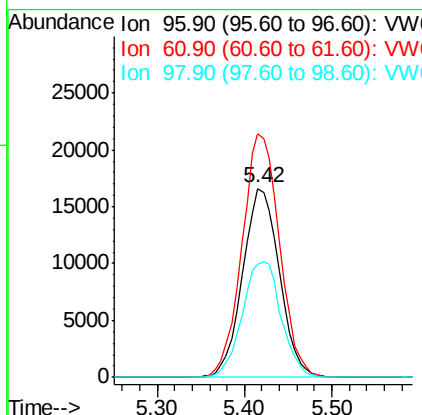
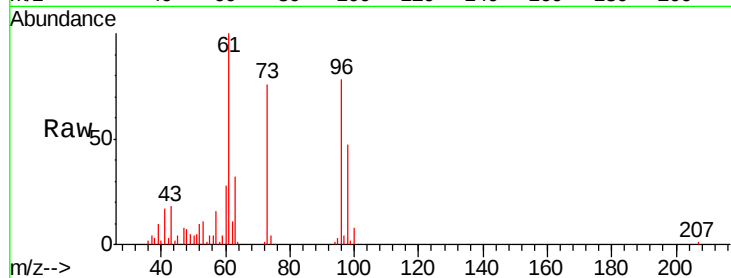
ClientSampleId :

VW1018SBS02

Tgt Ion:	96	Resp:	48611
Ion	Ratio	Lower	Upper
96	100		
61	129.0	104.5	156.7
98	60.3	50.6	75.8

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#22

Diisopropyl ether

Concen: 21.18 ug/l

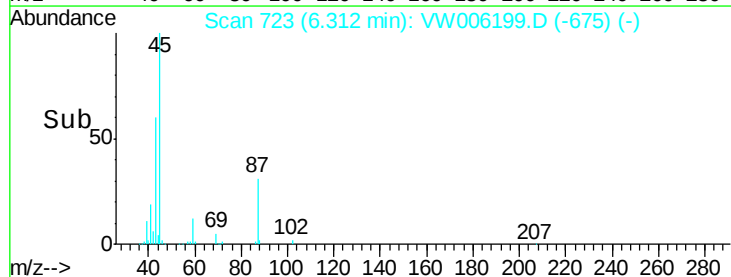
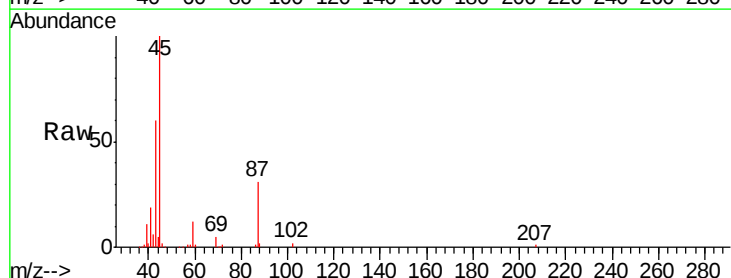
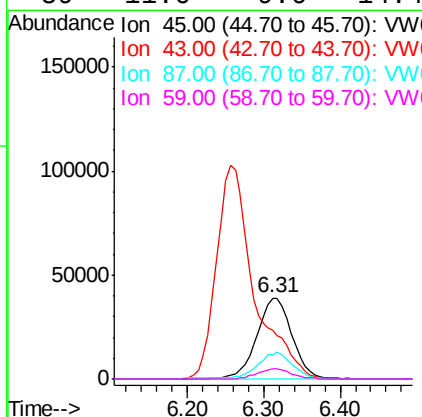
RT: 6.31 min Scan# 723

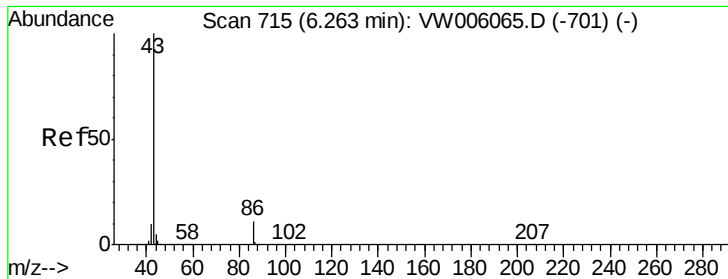
Delta R.T. -0.01 min

Lab File: VW006199.D

Acq: 19 Oct 2018 03:29

Tgt Ion:	45	Resp:	124167
Ion	Ratio	Lower	Upper
45	100		
43	58.7	45.7	68.5
87	30.6	25.9	38.9
59	11.6	9.6	14.4





#23

Vinyl Acetate

Concen: 101.14 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW006199.D

Acq: 19 Oct 2018 03:29

Instrument :

MSVOA_W

ClientSampleId :

VW1018SBSD02

Tgt Ion: 43 Resp: 349983

Ion Ratio Lower Upper

43 100

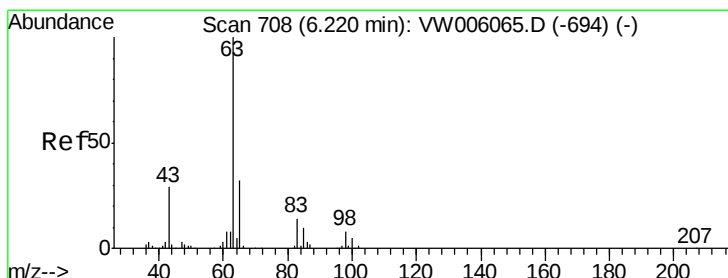
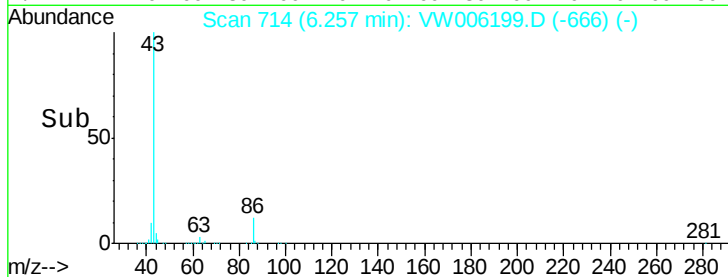
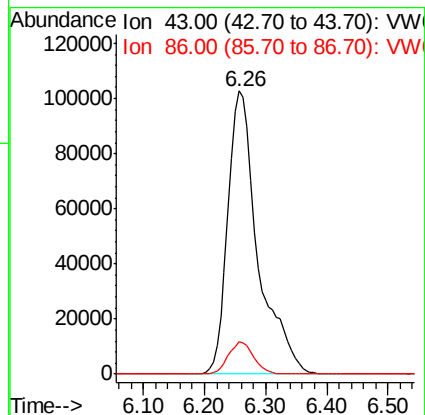
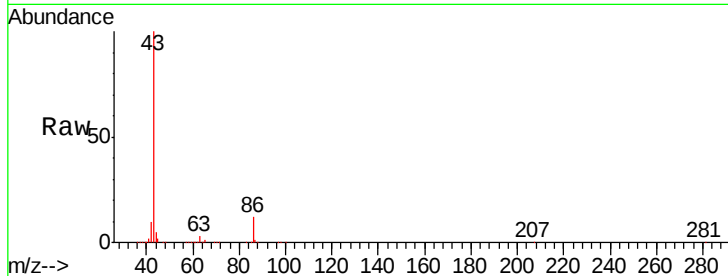
86 11.6 9.0 13.6

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#24

1,1-Dichloroethane

Concen: 21.58 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW006199.D

Acq: 19 Oct 2018 03:29

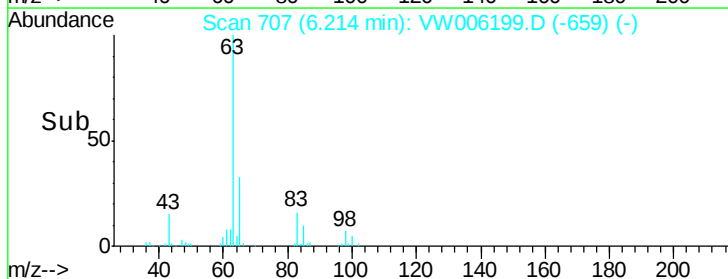
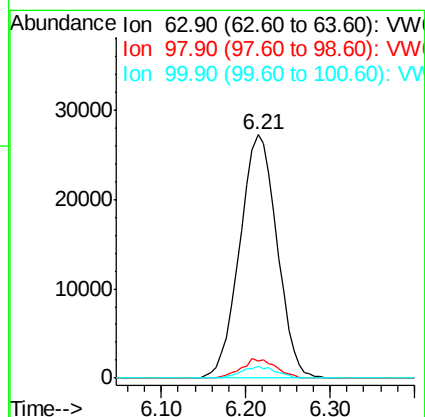
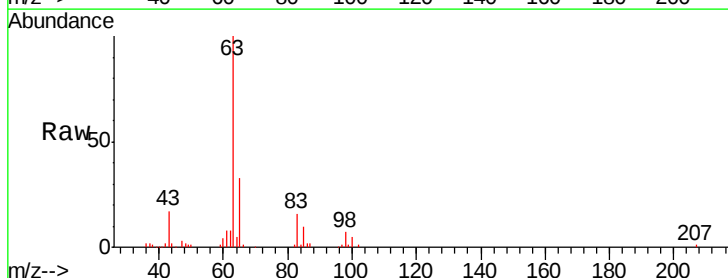
Tgt Ion: 63 Resp: 81642

Ion Ratio Lower Upper

63 100

98 7.2 3.8 11.2

100 4.9 2.5 7.5





#25

2-Butanone

Concen: 108.09 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: VW006199.D

Acq: 19 Oct 2018 03:29

Instrument :

MSVOA_W

ClientSampleId :

VW1018SBS02

Tgt Ion: 43 Resp: 60125

Ion Ratio Lower Upper

43 100

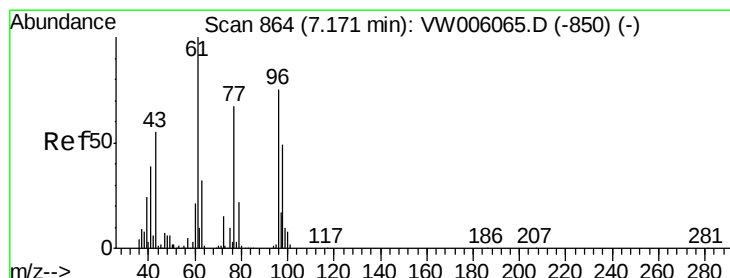
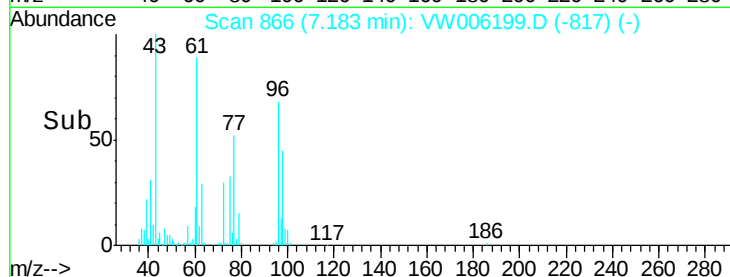
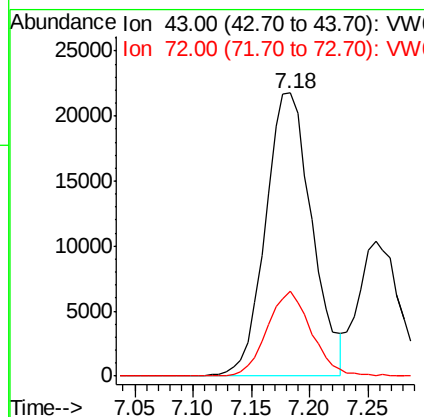
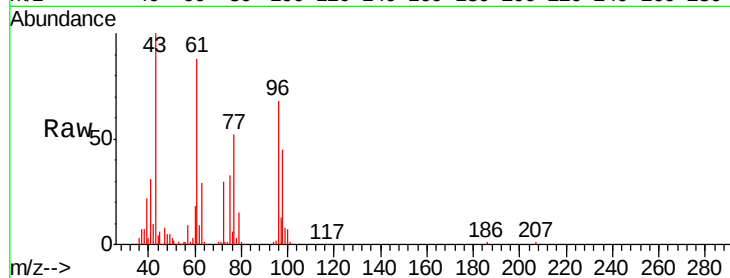
72 30.1 22.8 34.2

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#26

2,2-Dichloropropane

Concen: 17.61 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW006199.D

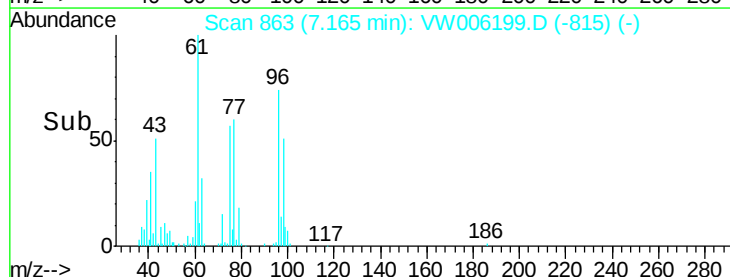
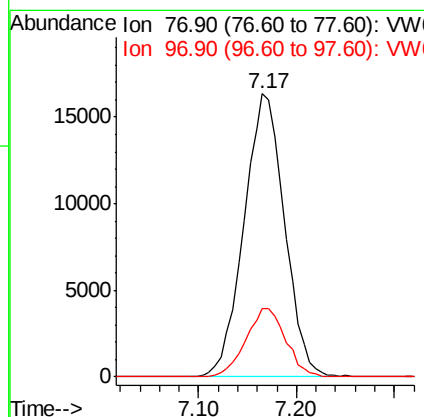
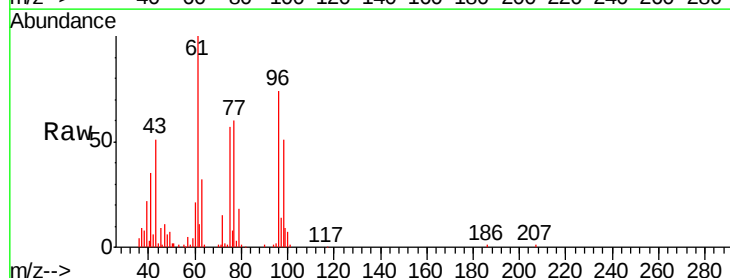
Acq: 19 Oct 2018 03:29

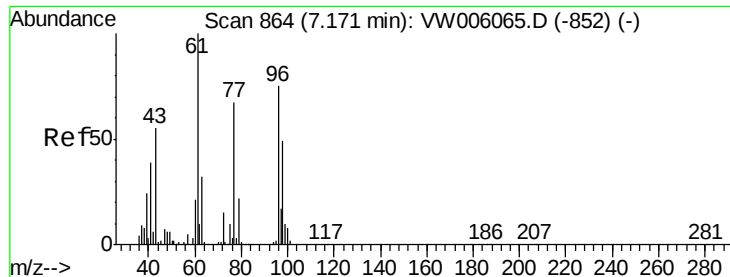
Tgt Ion: 77 Resp: 46997

Ion Ratio Lower Upper

77 100

97 23.7 12.2 36.4





#27

cis-1,2-Dichloroethene

Concen: 21.40 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW006199.D

Acq: 19 Oct 2018 03:29

Instrument :

MSVOA_W

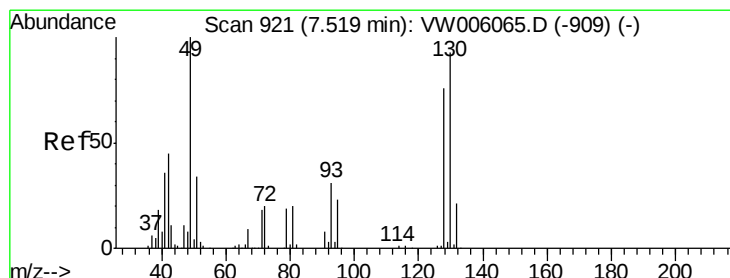
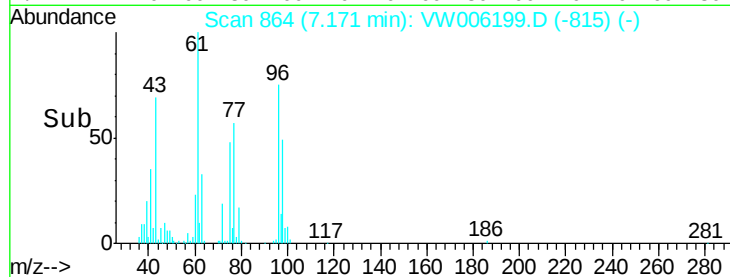
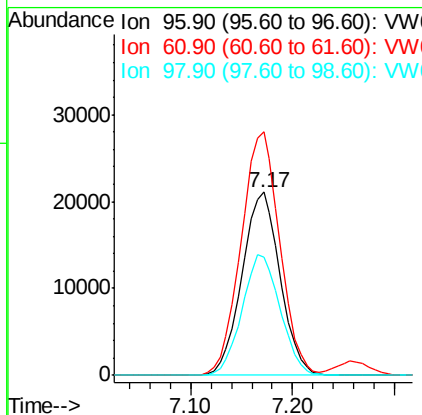
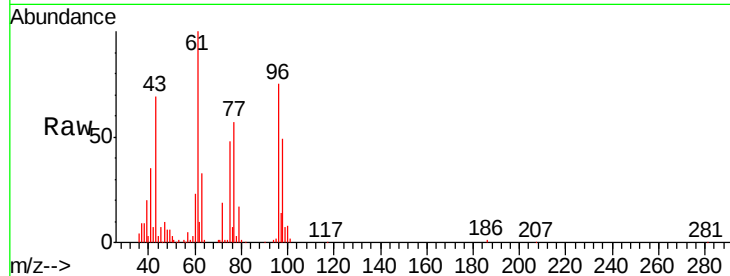
ClientSampleId :

VW1018SBSD02

Tgt Ion:	96	Resp:	54701
Ion	Ratio	Lower	Upper
96	100		
61	135.2	0.0	267.2
98	65.9	0.0	128.6

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#28

Bromochloromethane

Concen: 18.54 ug/l

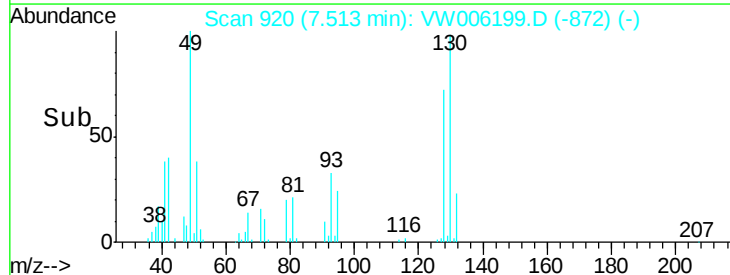
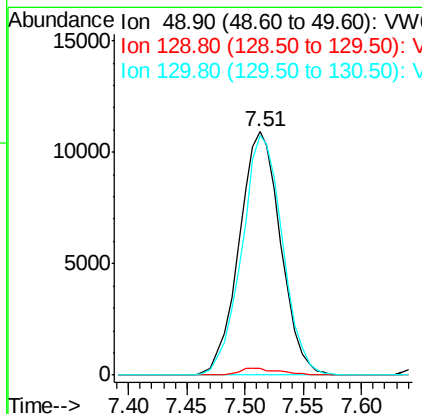
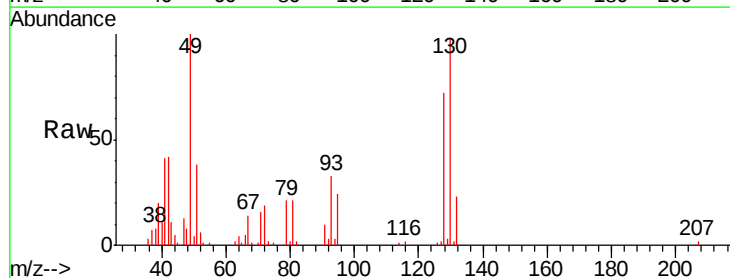
RT: 7.51 min Scan# 920

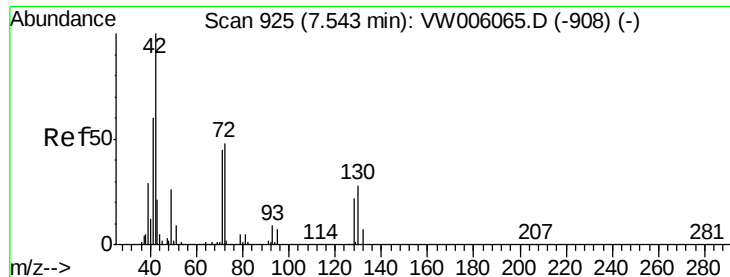
Delta R.T. -0.01 min

Lab File: VW006199.D

Acq: 19 Oct 2018 03:29

Tgt Ion:	49	Resp:	27074
Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.0
130	97.0	73.8	110.8





#29

Tetrahydrofuran

Concen: 109.56 ug/l

RT: 7.54 min Scan# 924

Delta R.T. -0.01 min

Lab File: VW006199.D

Acq: 19 Oct 2018 03:29

Instrument :

MSVOA_W

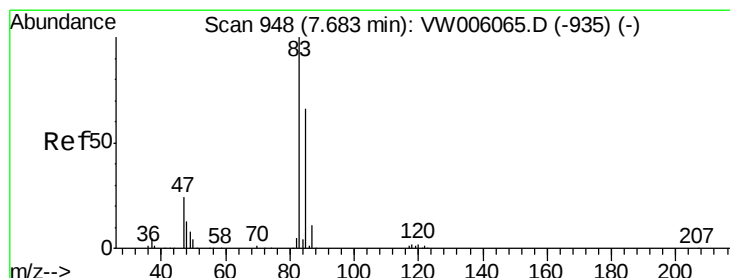
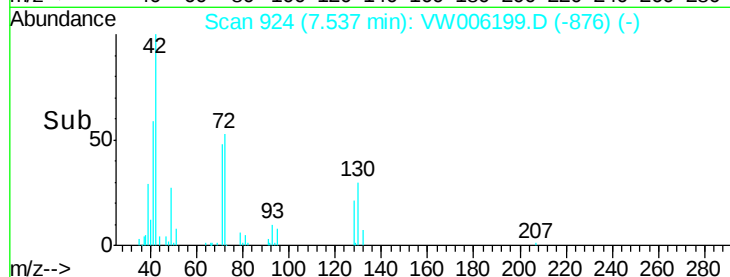
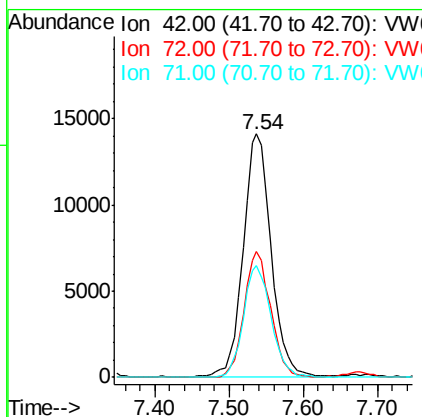
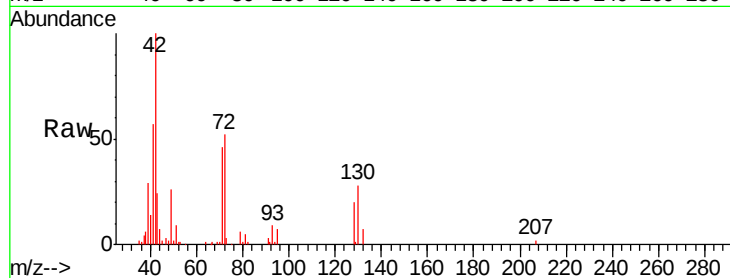
ClientSampleId :

VW1018SBS02

Tgt Ion:	42	Resp:	37463
Ion Ratio	Lower	Upper	
42	100		
72	48.8	38.0	57.0
71	45.0	35.3	52.9

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#30

Chloroform

Concen: 21.83 ug/l

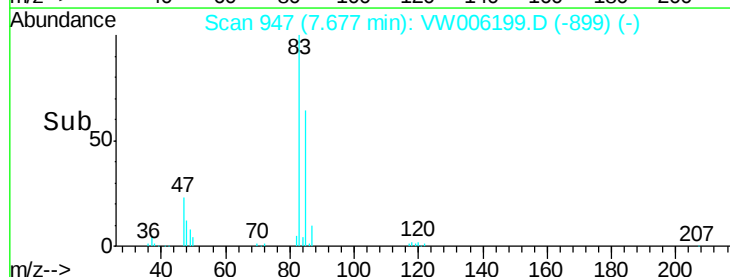
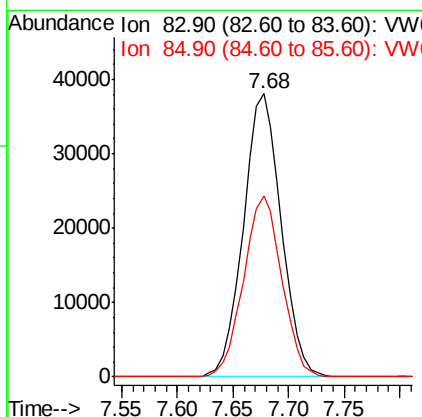
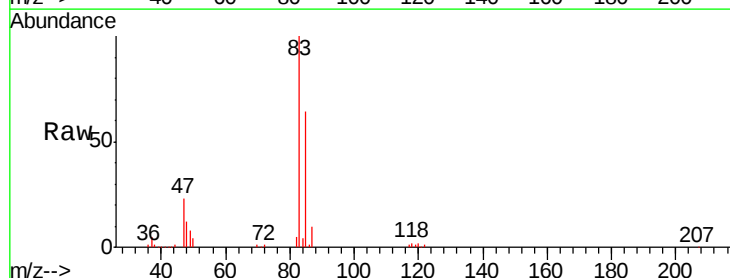
RT: 7.68 min Scan# 947

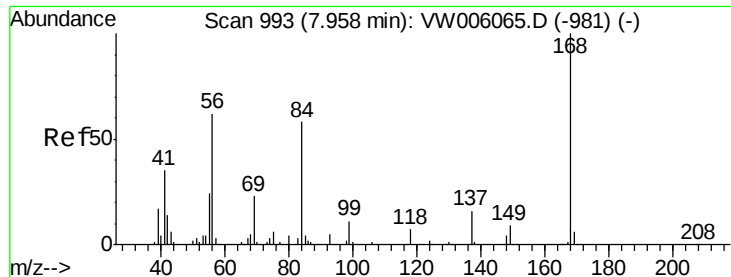
Delta R.T. -0.01 min

Lab File: VW006199.D

Acq: 19 Oct 2018 03:29

Tgt Ion:	83	Resp:	89969
Ion Ratio	Lower	Upper	
83	100		
85	63.9	52.6	79.0





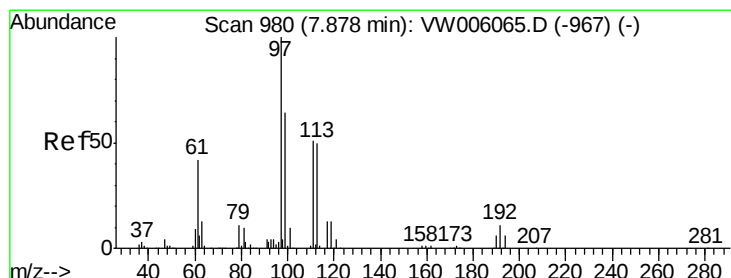
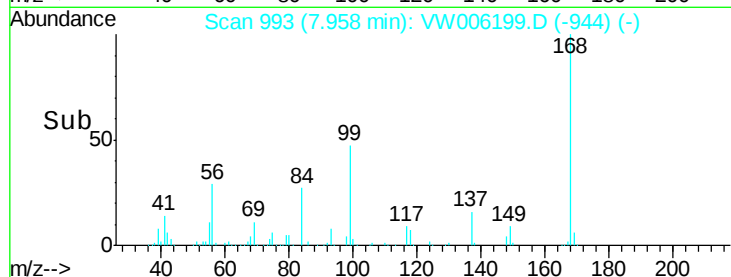
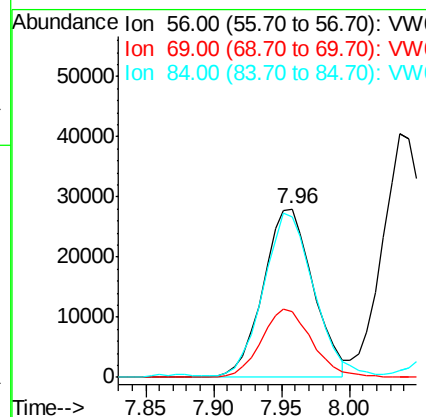
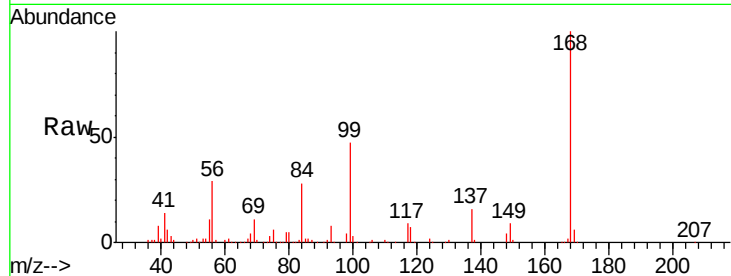
#31
Cyclohexane
Concen: 19.13 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW006199.D
Acq: 19 Oct 2018 03:29

Instrument :
MSVOA_W
ClientSampleId :
VW1018SBS02

Tgt Ion	Ratio	Lower	Upper
56	100		
69	38.9	29.4	44.0
84	94.0	74.0	111.0

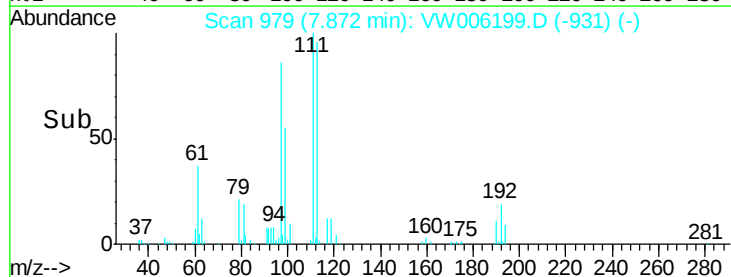
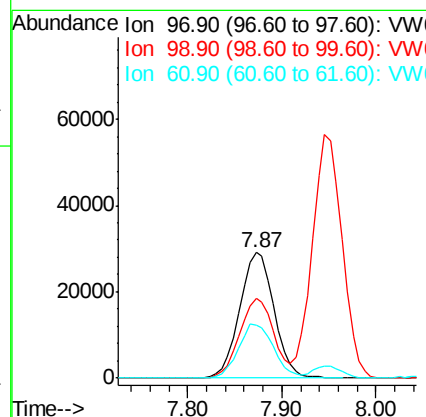
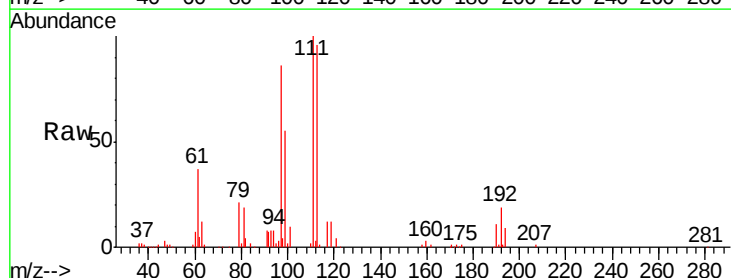
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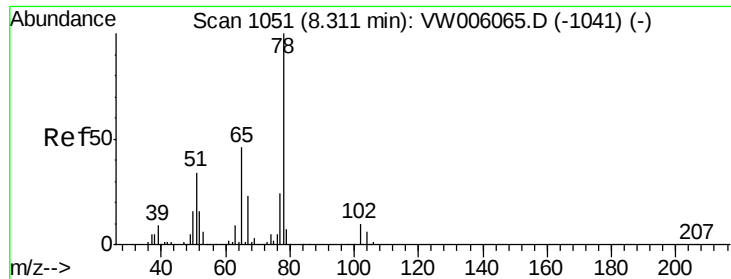
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#32
1,1,1-Trichloroethane
Concen: 19.97 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.01 min
Lab File: VW006199.D
Acq: 19 Oct 2018 03:29

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.4	50.9	76.3
61	43.9	33.7	50.5





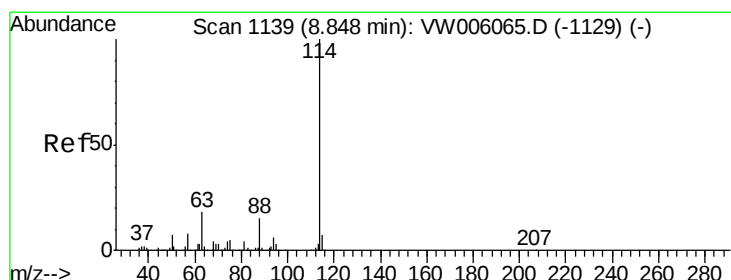
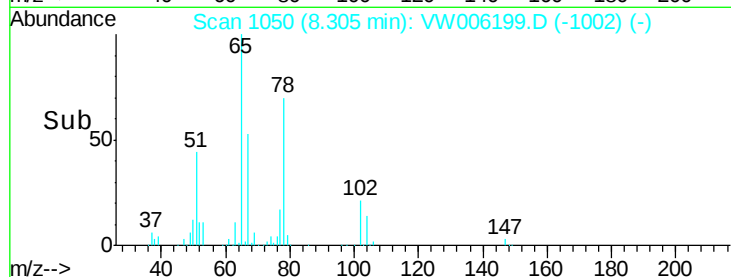
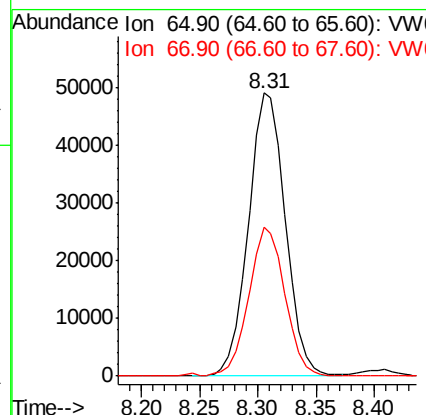
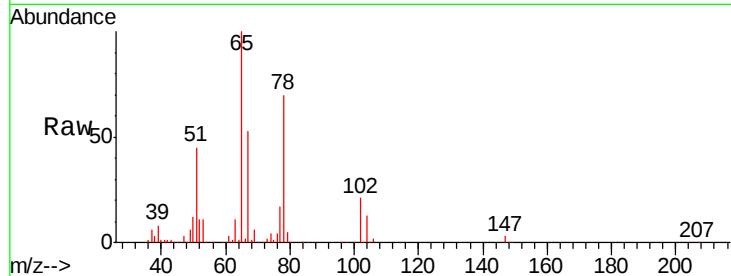
#33
 1,2-Dichloroethane-d4
 Concen: 52.72 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW006199.D
 Acq: 19 Oct 2018 03:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1018SBS02

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	108562		
67	51.5	0.0	101.0	

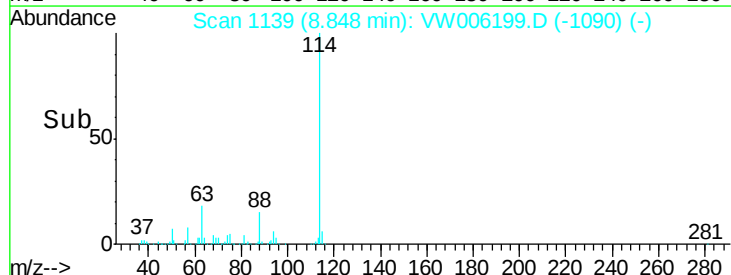
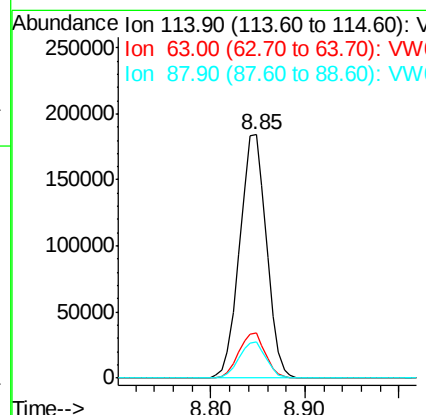
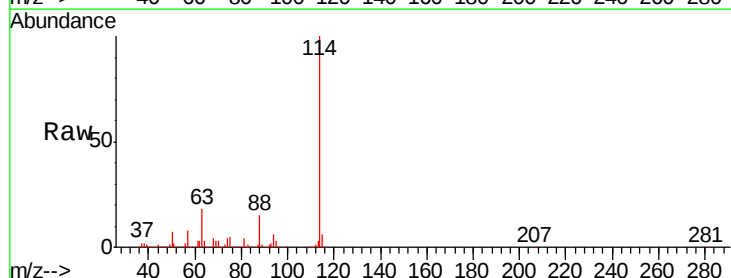
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006199.D
 Acq: 19 Oct 2018 03:29

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	364745		
63	18.3	0.0	36.8	
88	14.8	0.0	29.0	





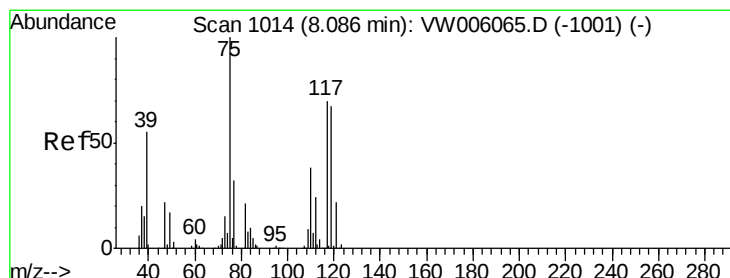
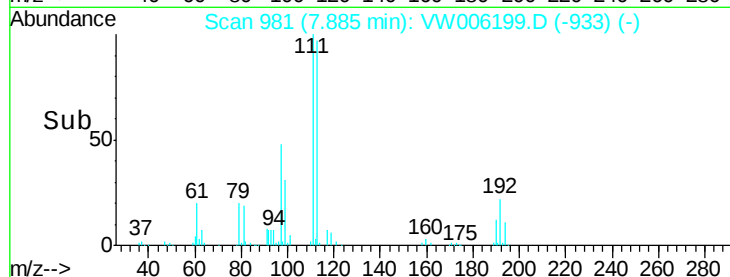
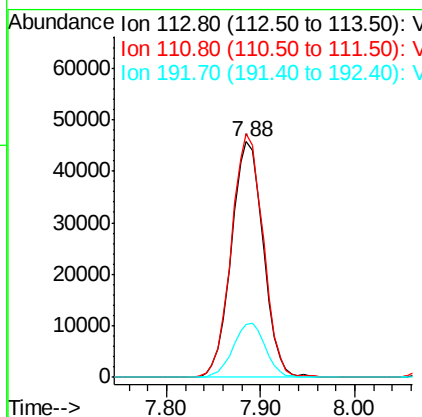
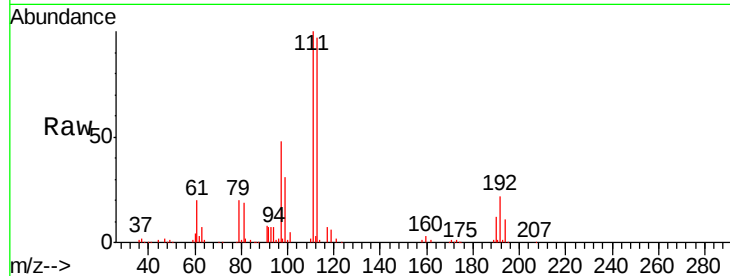
#35
Dibromofluoromethane
Concen: 50.18 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.01 min
Lab File: VW006199.D
Acq: 19 Oct 2018 03:29

Instrument :
MSVOA_W
ClientSampleId :
VW1018SBS02

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	108144		
111	102.6	81.4	122.0	
192	23.2	18.7	28.1	

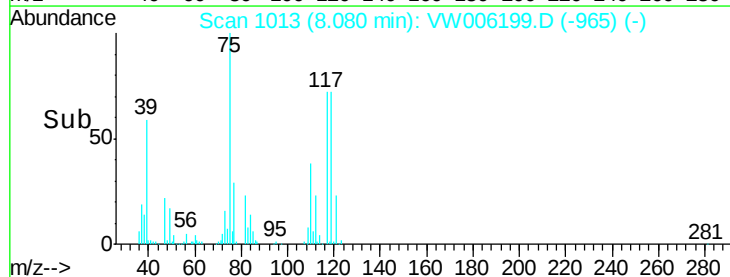
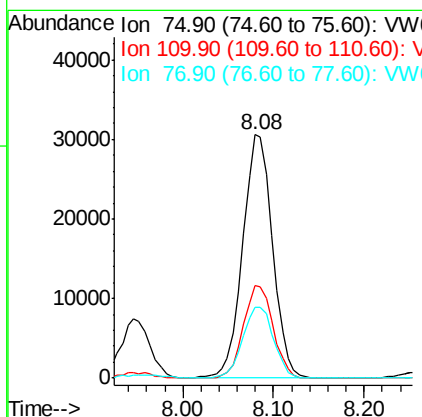
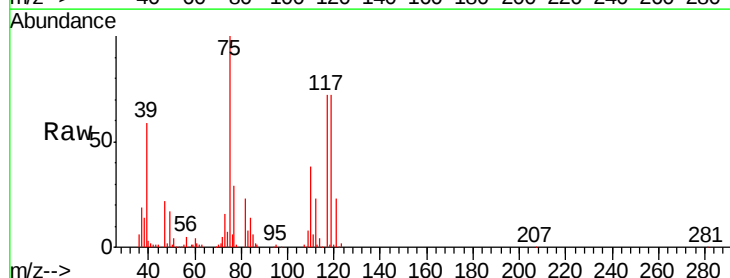
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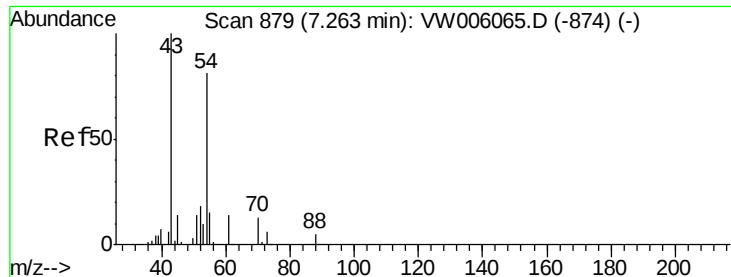
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#36
1,1-Dichloropropene
Concen: 20.78 ug/l
RT: 8.08 min Scan# 1013
Delta R.T. -0.01 min
Lab File: VW006199.D
Acq: 19 Oct 2018 03:29

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	69862		
110	37.6	19.1	57.1	
77	30.2	25.0	37.4	





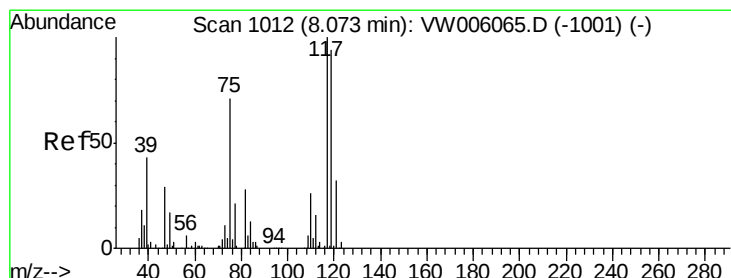
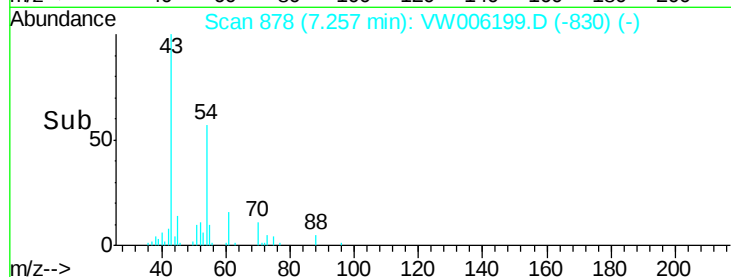
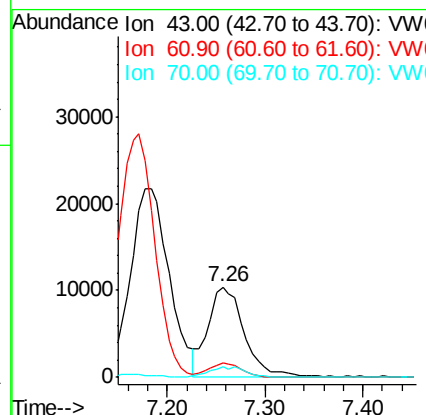
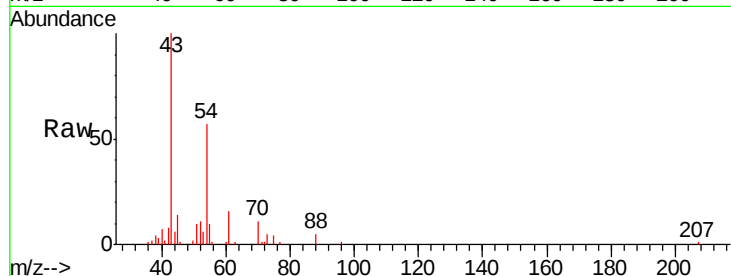
#37
Ethyl Acetate
Concen: 21.11 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.01 min
Lab File: VW006199.D
Acq: 19 Oct 2018 03:29

Instrument :
MSVOA_W
ClientSampleId :
VW1018SBS02

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.7	11.5	17.3
70	11.6	9.2	13.8

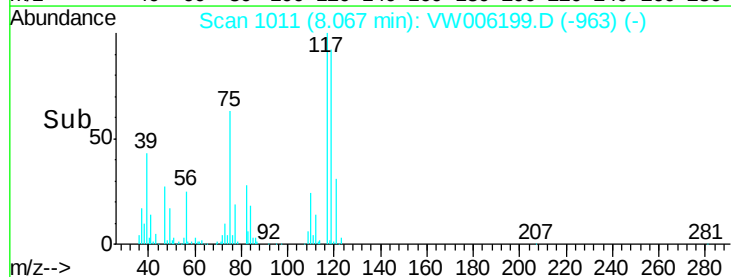
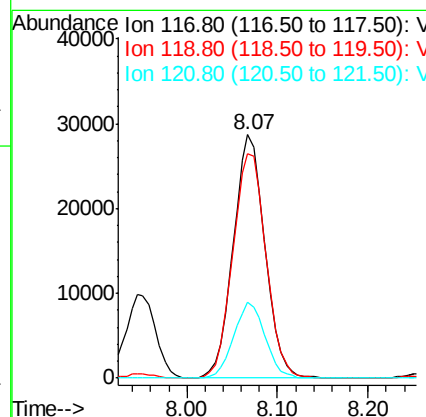
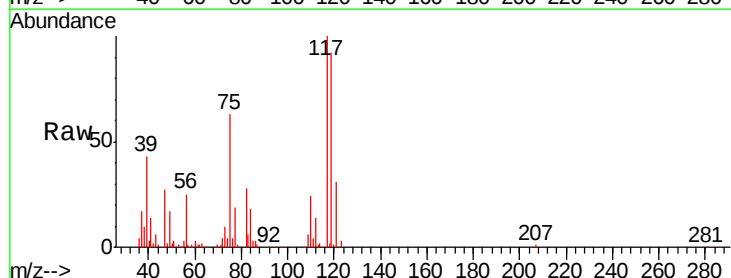
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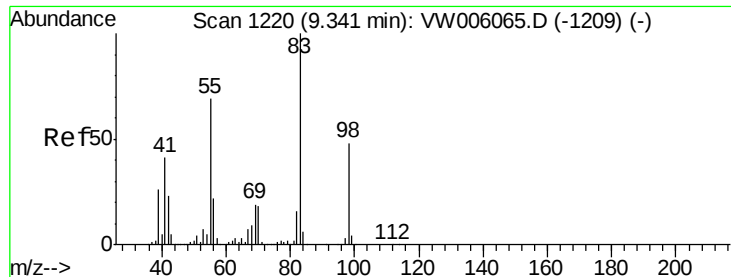
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#38
Carbon Tetrachloride
Concen: 18.85 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006199.D
Acq: 19 Oct 2018 03:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.2	75.2	112.8
121	31.4	25.3	37.9





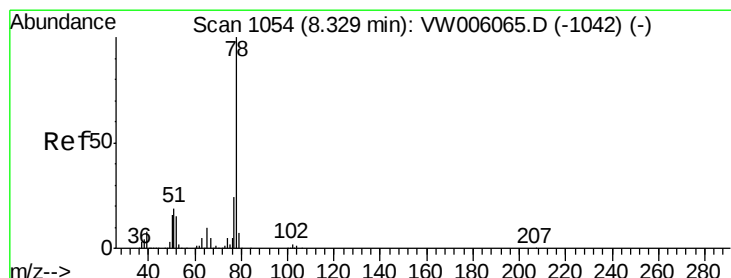
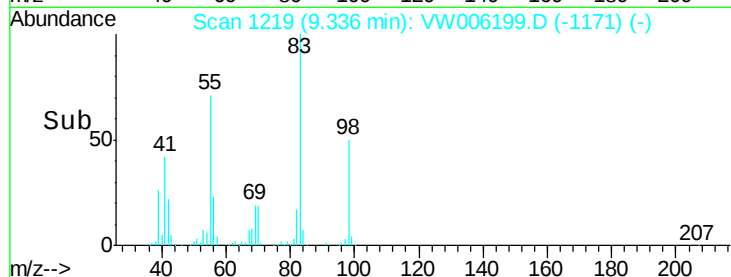
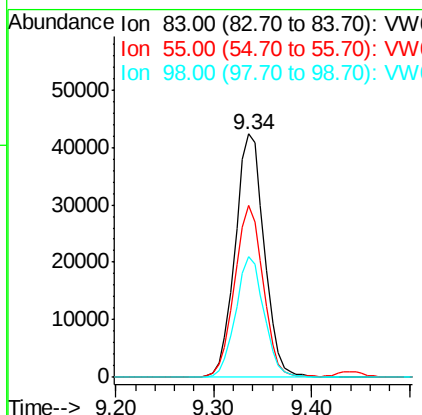
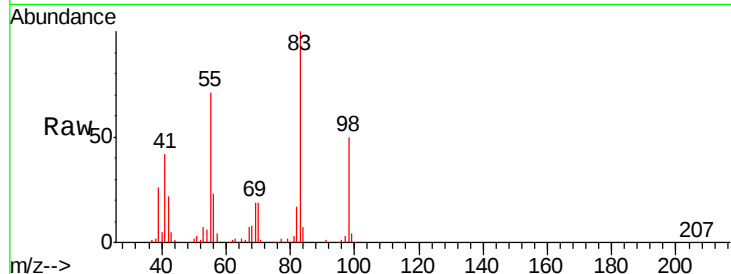
#39
Methylcyclohexane
Concen: 19.55 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006199.D
Acq: 19 Oct 2018 03:29

Instrument :
MSVOA_W
ClientSampleId :
VW1018SBS02

Tgt Ion	Ratio	Lower	Upper
83	100		
55	70.9	55.0	82.6
98	49.6	38.6	57.8

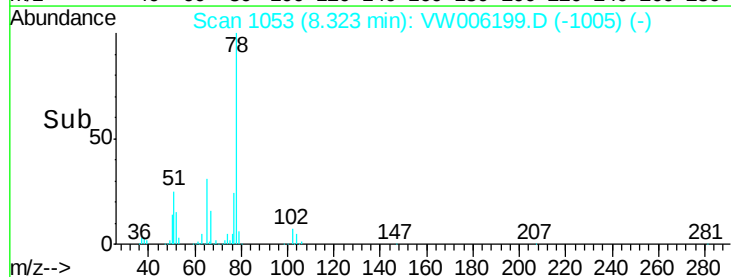
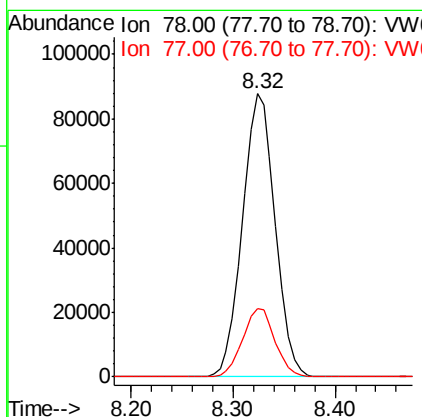
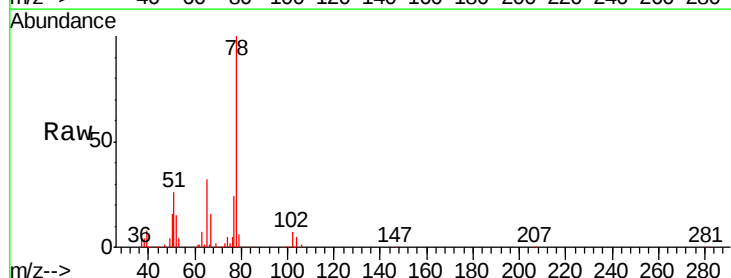
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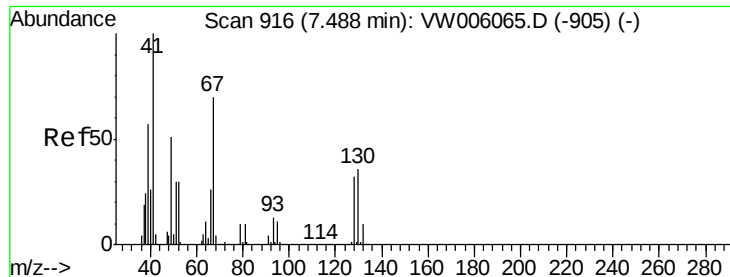
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#40
Benzene
Concen: 21.14 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006199.D
Acq: 19 Oct 2018 03:29

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.4	29.0





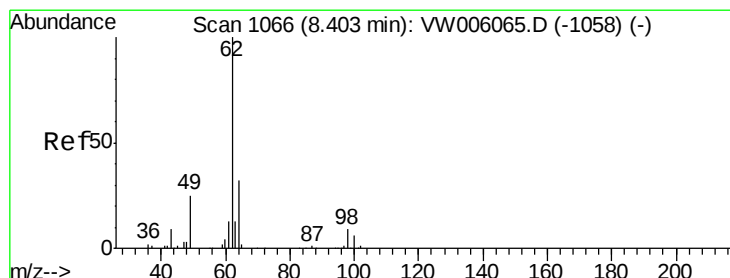
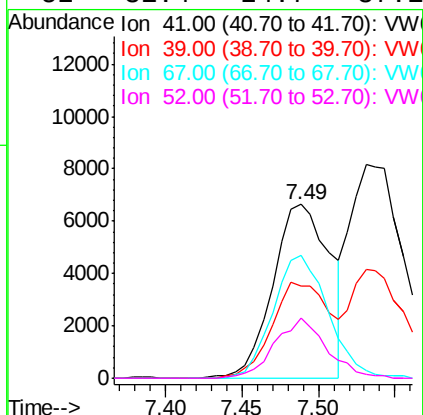
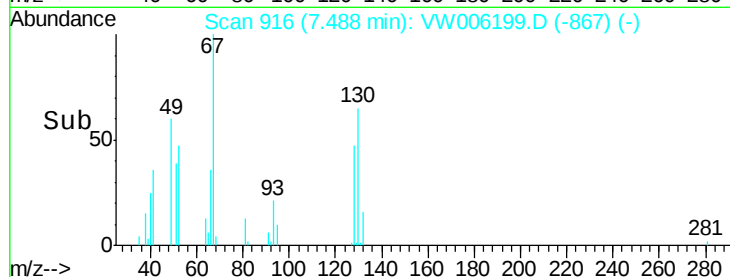
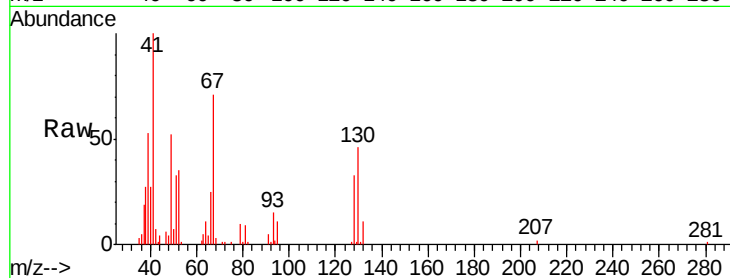
#41
Methacrylonitrile
Concen: 22.90 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006199.D
Acq: 19 Oct 2018 03:29

Instrument :
MSVOA_W
ClientSampleId :
VW1018SBS02

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.6	46.2	69.4	
67	68.2	57.7	86.5	
52	31.4	24.7	37.1	

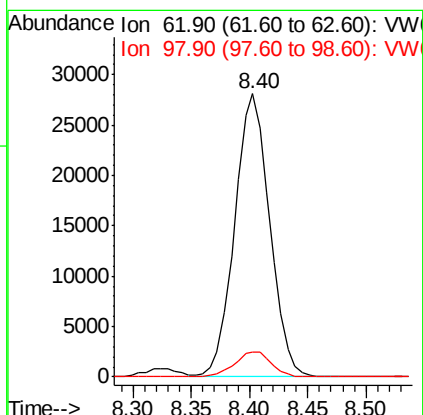
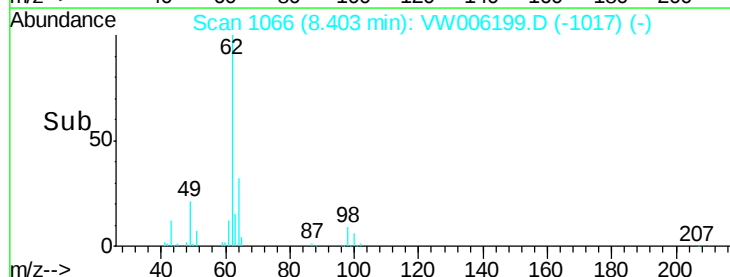
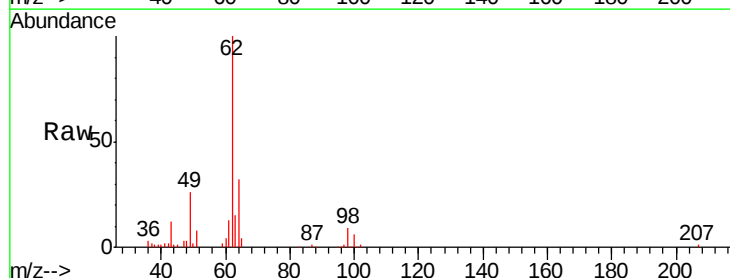
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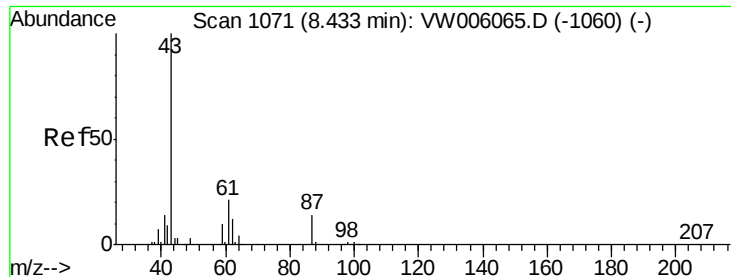
apatel
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#42
1,2-Dichloroethane
Concen: 21.81 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006199.D
Acq: 19 Oct 2018 03:29

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.2	0.0	18.4	





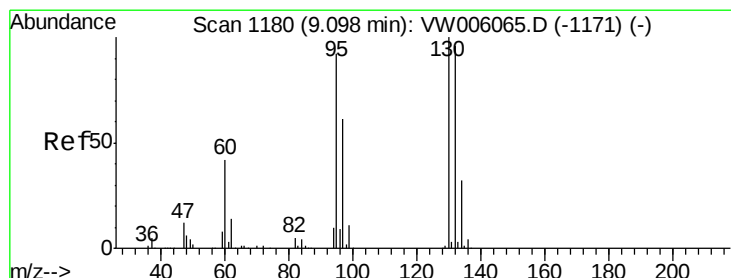
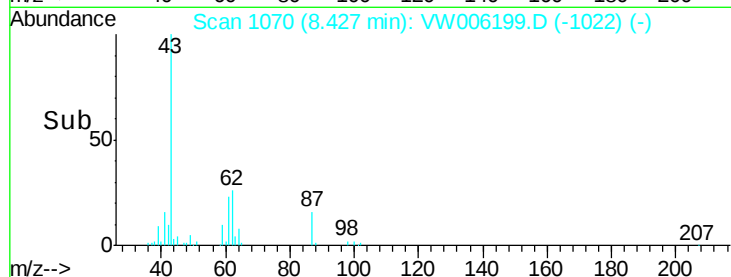
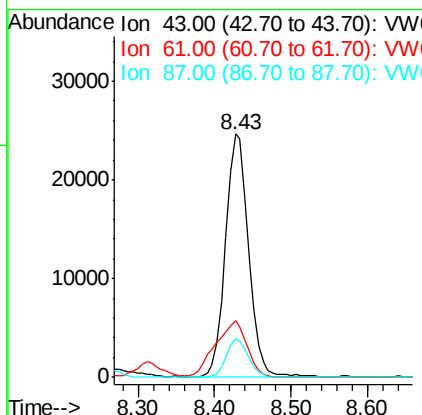
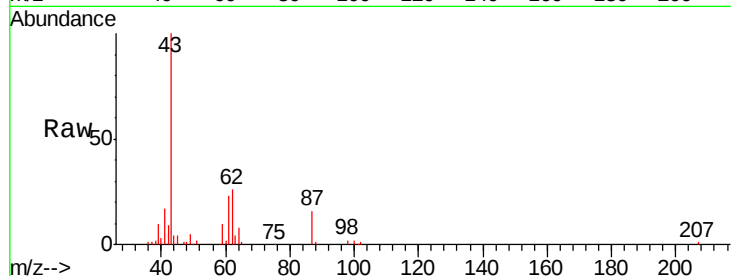
#43
Isopropyl Acetate
Concen: 20.24 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. -0.01 min
Lab File: VW006199.D
Acq: 19 Oct 2018 03:29

Instrument :
MSVOA_W
ClientSampleId :
VW1018SBS02

Tgt Ion	Ratio	Lower	Upper
43	100		
61	31.8	25.5	38.3
87	15.1	11.7	17.5

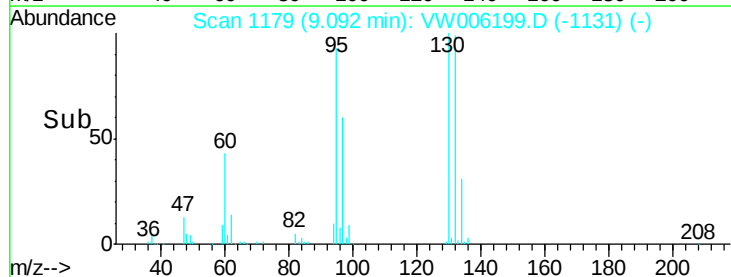
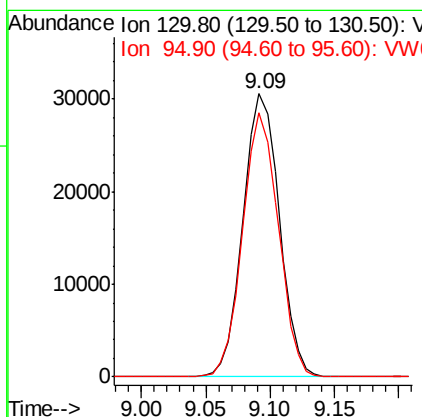
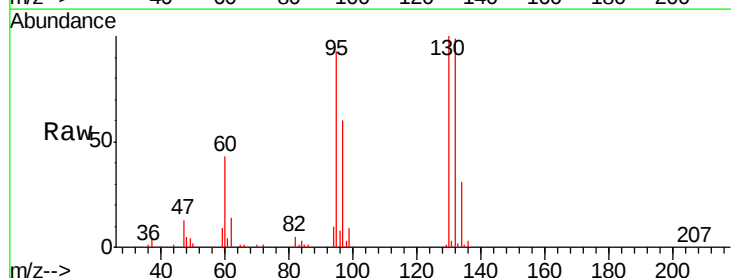
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#44
Trichloroethene
Concen: 21.09 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. -0.01 min
Lab File: VW006199.D
Acq: 19 Oct 2018 03:29

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.4	0.0	183.2





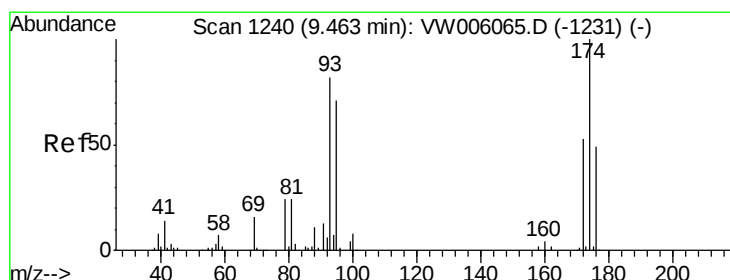
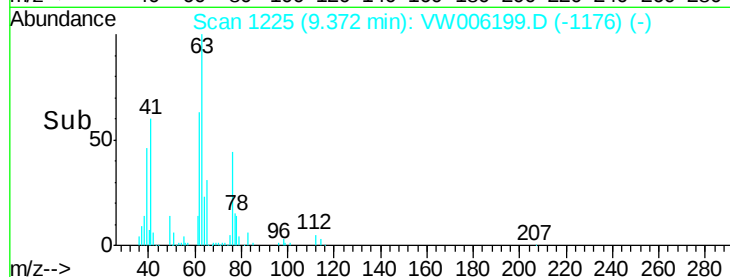
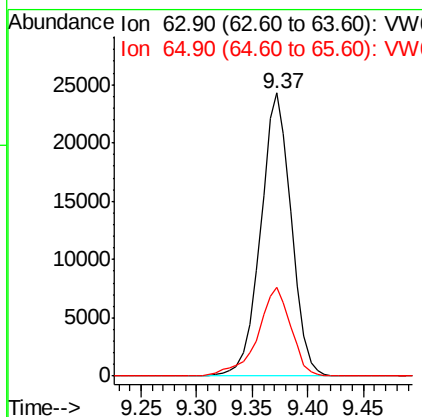
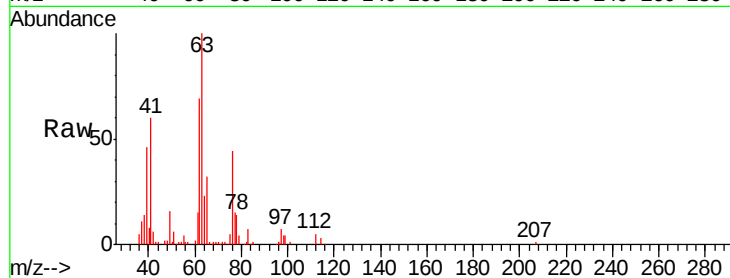
#45
 1,2-Dichloropropane
 Concen: 21.08 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW006199.D
 Acq: 19 Oct 2018 03:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1018SBS02

Tgt Ion: 63 Resp: 46520
 Ion Ratio Lower Upper
 63 100
 65 31.5 25.4 38.0

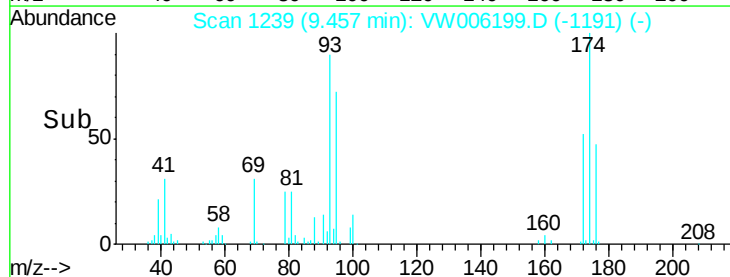
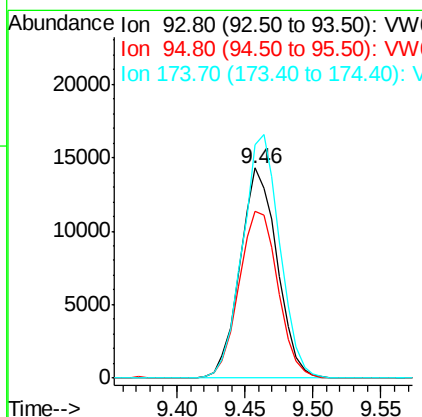
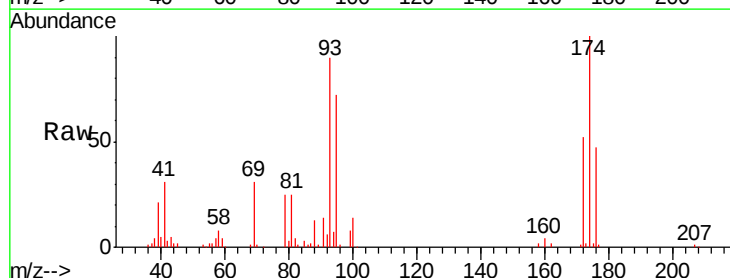
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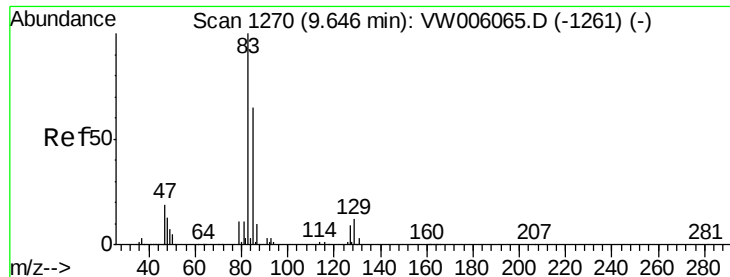
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#46
 Dibromomethane
 Concen: 21.70 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW006199.D
 Acq: 19 Oct 2018 03:29

Tgt Ion: 93 Resp: 27291
 Ion Ratio Lower Upper
 93 100
 95 83.4 67.7 101.5
 174 116.8 93.7 140.5





#47

Bromodichloromethane

Concen: 20.01 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW006199.D

Acq: 19 Oct 2018 03:29

Instrument :

MSVOA_W

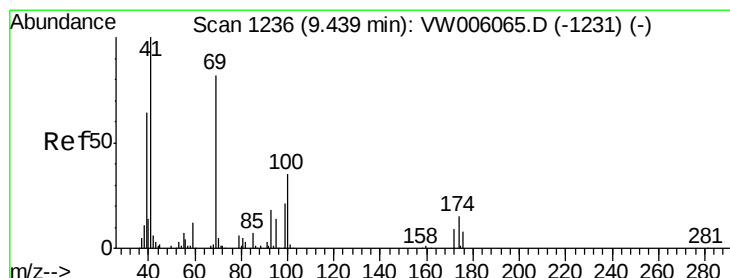
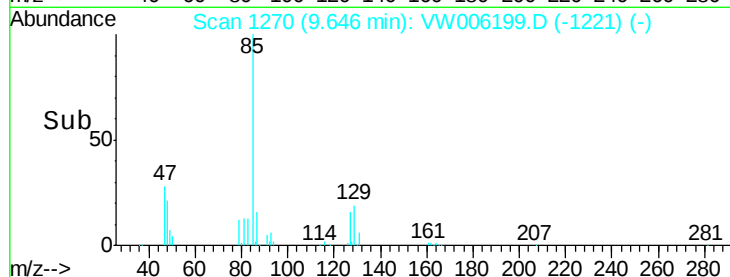
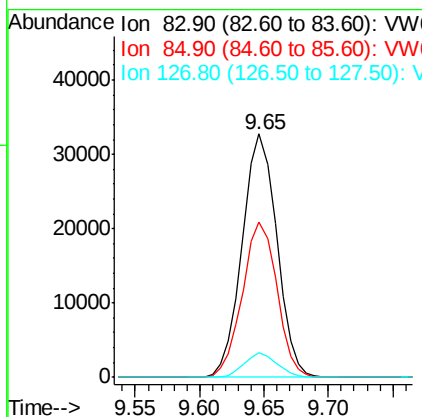
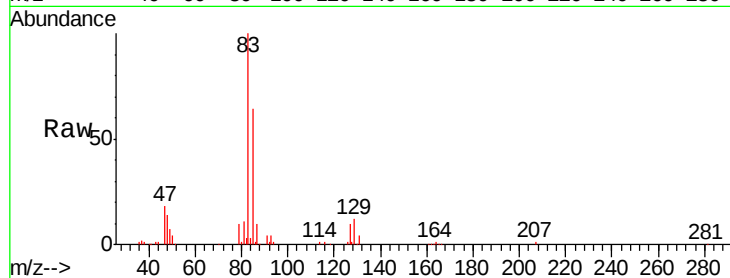
ClientSampleId :

VW1018SBS02

Tgt Ion:	83	Resp:	61010
Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.8	77.8
127	10.2	6.9	10.3

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#48

Methyl methacrylate

Concen: 20.39 ug/l

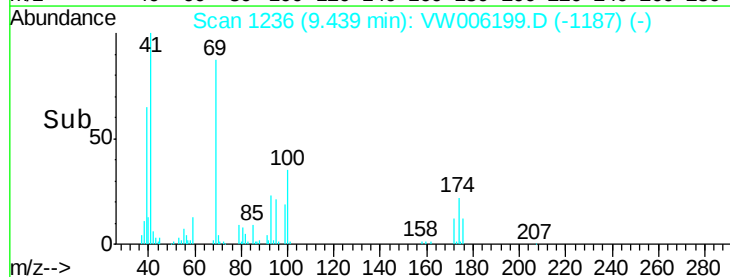
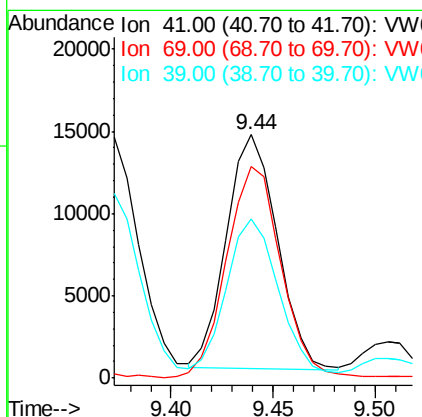
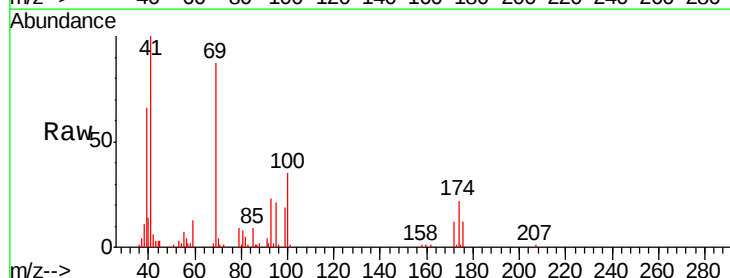
RT: 9.44 min Scan# 1236

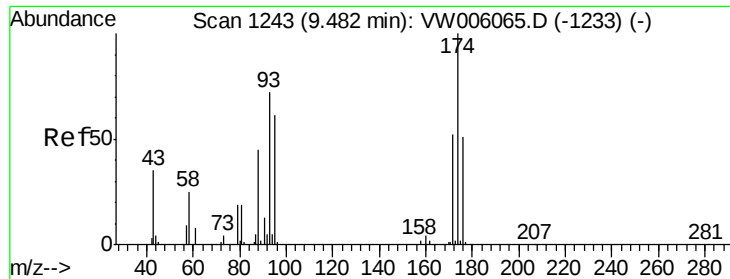
Delta R.T. 0.00 min

Lab File: VW006199.D

Acq: 19 Oct 2018 03:29

Tgt Ion:	41	Resp:	24681
Ion	Ratio	Lower	Upper
41	100		
69	97.6	71.8	107.8
39	71.7	52.5	78.7





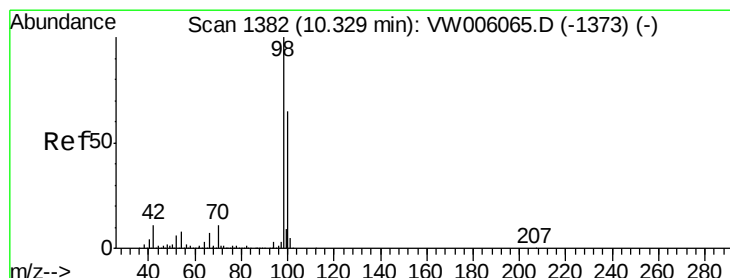
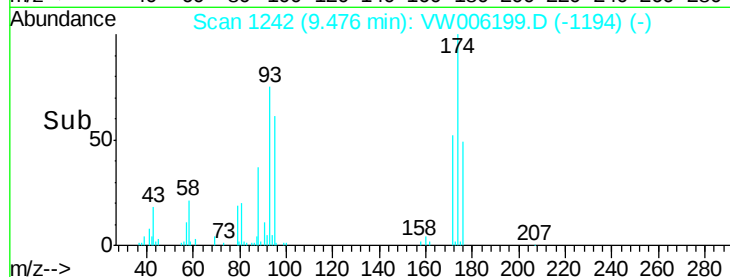
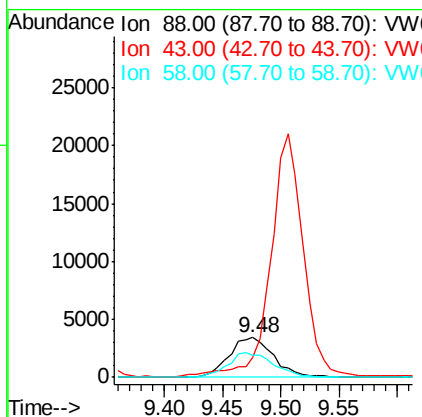
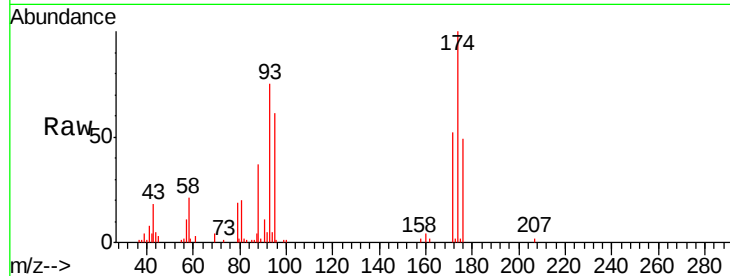
#49
1,4-Dioxane
Concen: 470.60 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. -0.01 min
Lab File: VW006199.D
Acq: 19 Oct 2018 03:29

Instrument :
MSVOA_W
ClientSampleId :
VW1018SBS02

Tgt Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	64.7	51.2	76.8

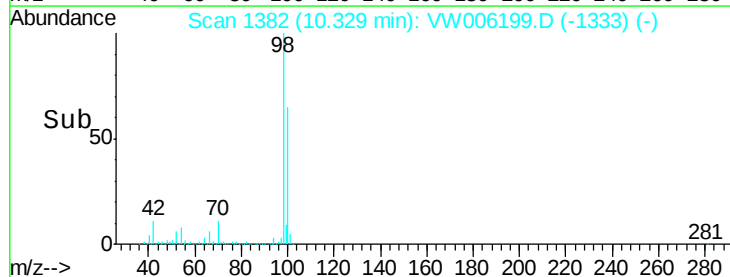
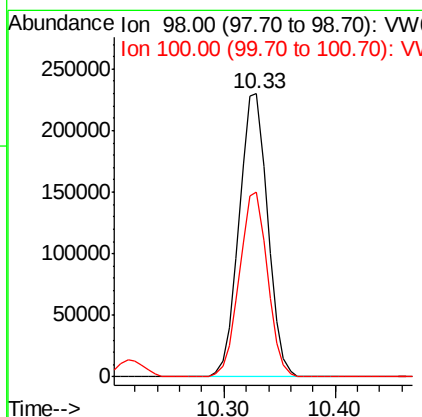
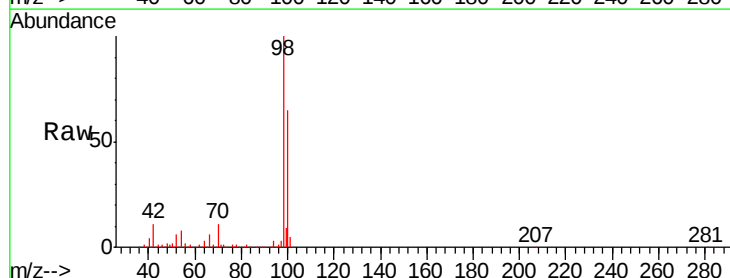
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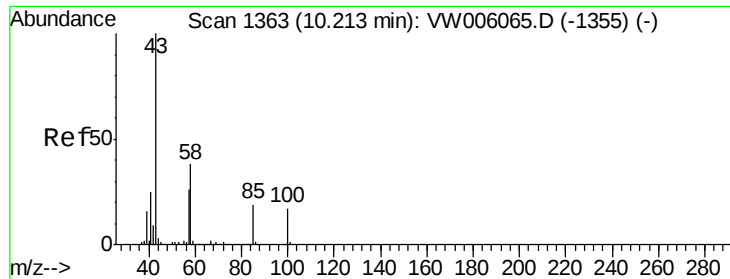
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#50
Toluene-d8
Concen: 49.90 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006199.D
Acq: 19 Oct 2018 03:29

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.6	77.4





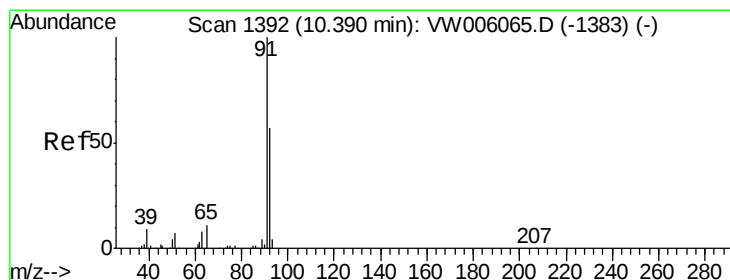
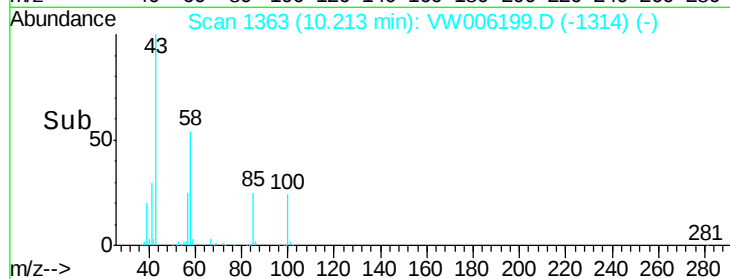
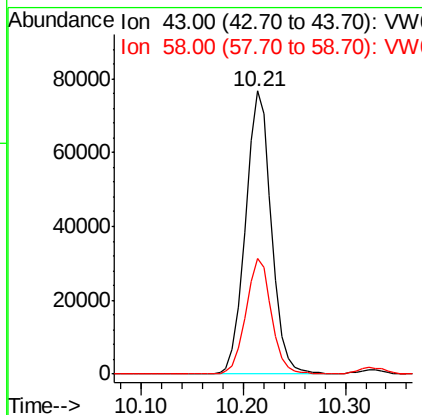
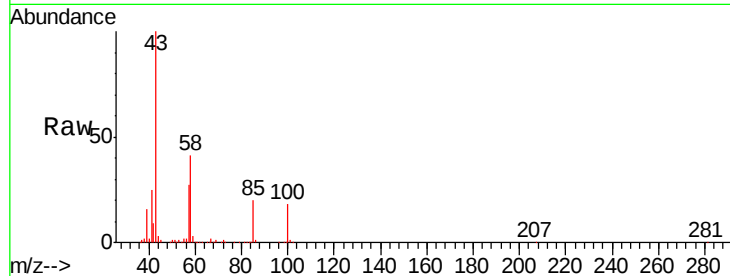
#51
 4-Methyl-2-Pentanone
 Concen: 105.24 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW006199.D
 Acq: 19 Oct 2018 03:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1018SBS02

Tgt Ion: 43 Resp: 134672
 Ion Ratio Lower Upper
 43 100
 58 40.3 31.5 47.3

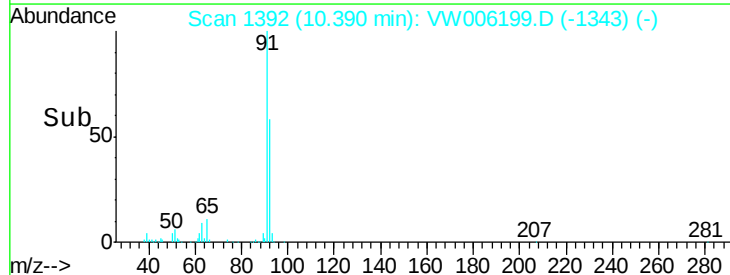
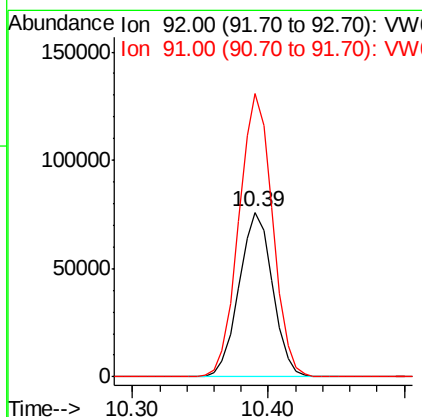
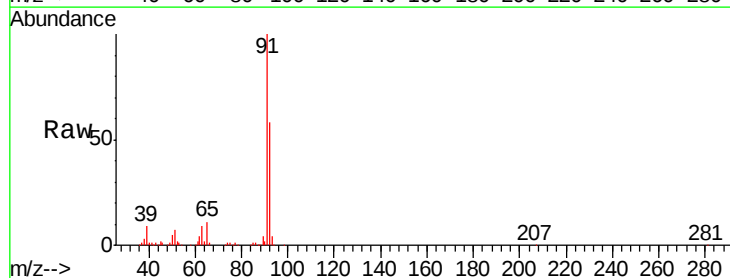
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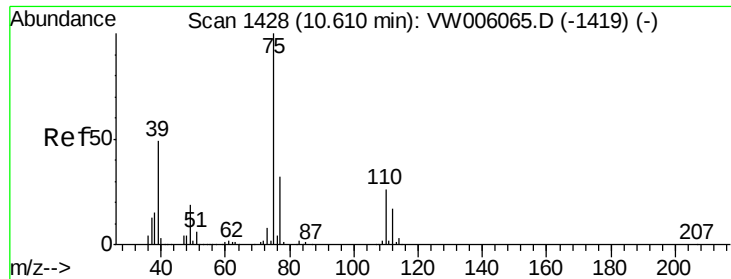
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#52
 Toluene
 Concen: 21.18 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW006199.D
 Acq: 19 Oct 2018 03:29

Tgt Ion: 92 Resp: 130925
 Ion Ratio Lower Upper
 92 100
 91 172.8 140.0 210.0





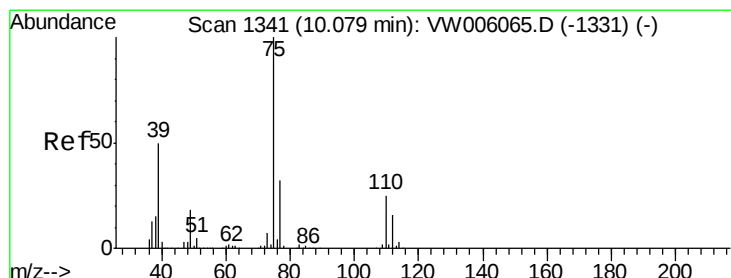
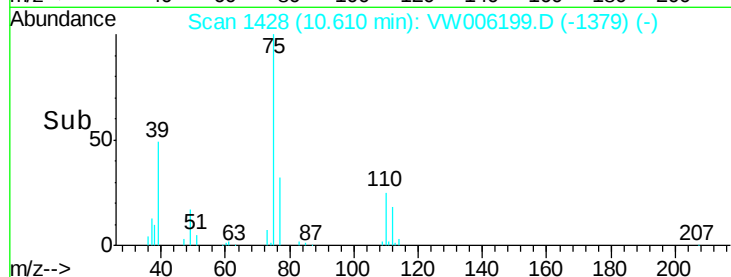
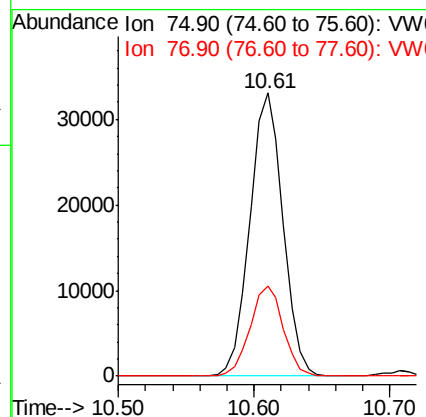
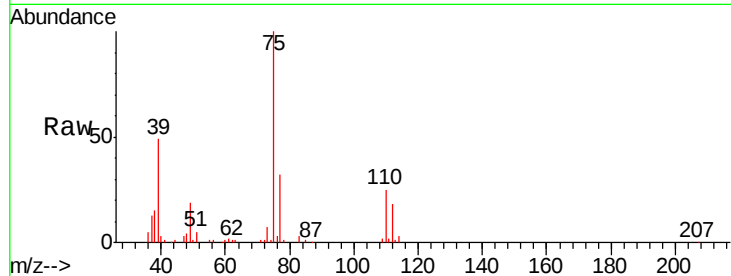
#53
t-1,3-Dichloropropene
Concen: 18.58 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. 0.00 min
Lab File: VW006199.D
Acq: 19 Oct 2018 03:29

Instrument :
MSVOA_W
ClientSampleId :
VW1018SBS02

Tgt Ion: 75 Resp: 56438
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.2

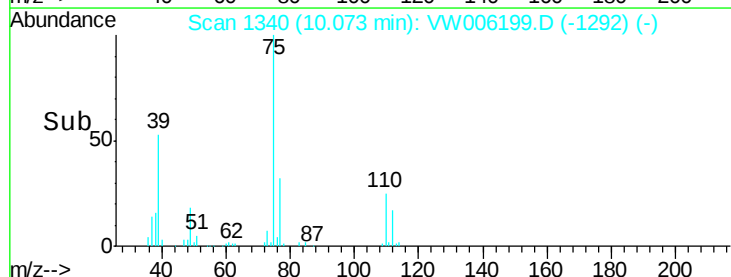
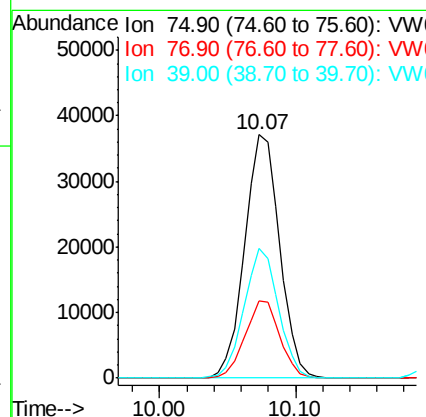
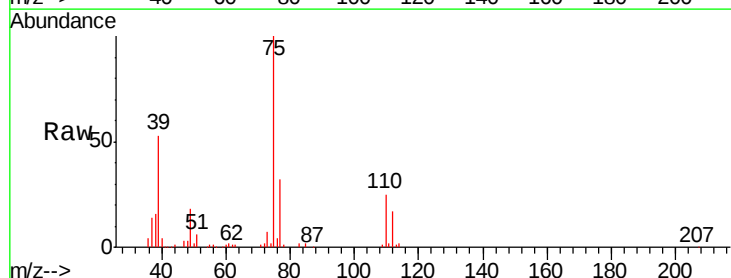
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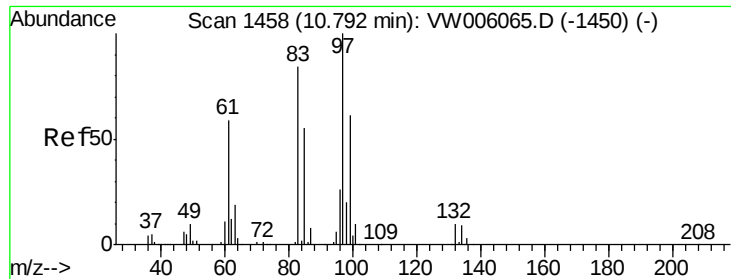
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#54
cis-1,3-Dichloropropene
Concen: 19.16 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.01 min
Lab File: VW006199.D
Acq: 19 Oct 2018 03:29

Tgt Ion: 75 Resp: 66792
Ion Ratio Lower Upper
75 100
77 31.9 25.2 37.8
39 53.5 39.9 59.9





#55

1,1,2-Trichloroethane

Concen: 21.67 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.01 min

Lab File: VW006199.D

Acq: 19 Oct 2018 03:29

Instrument :

MSVOA_W

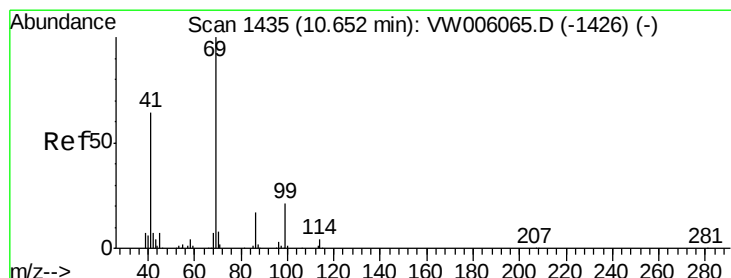
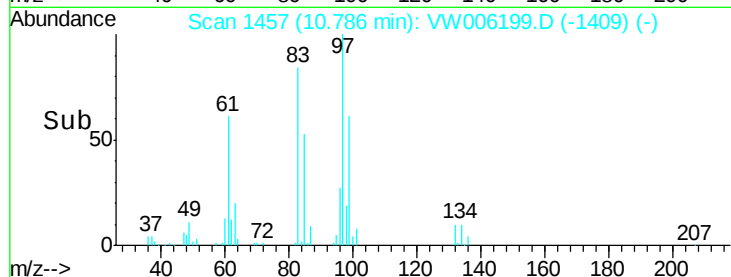
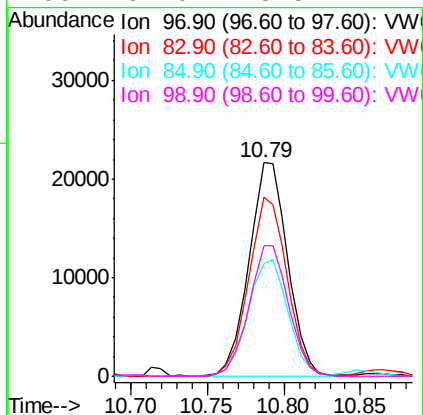
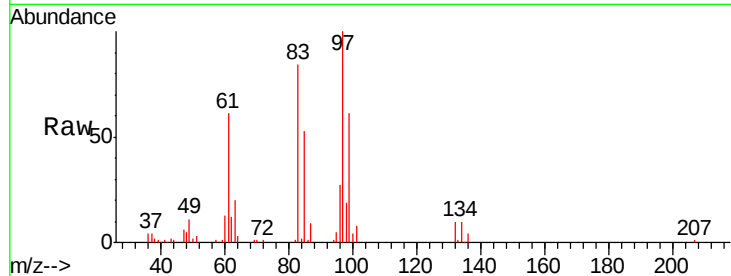
ClientSampleId :

VW1018SBS02

Tgt Ion:	97	Resp:	38148
Ion	Ratio	Lower	Upper
97	100		
83	83.8	67.2	100.8
85	52.7	43.7	65.5
99	61.0	48.5	72.7

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#56

Ethyl methacrylate

Concen: 20.69 ug/l

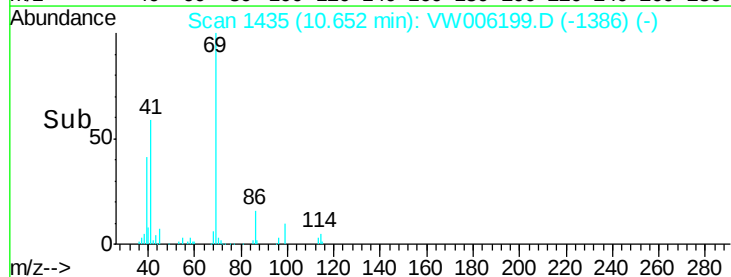
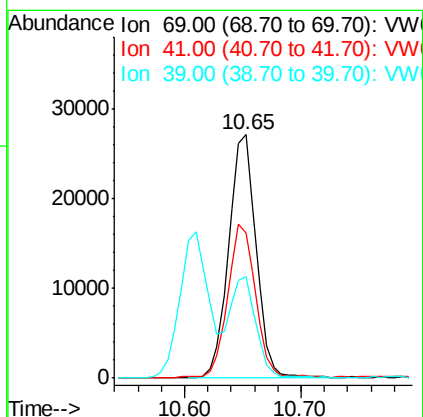
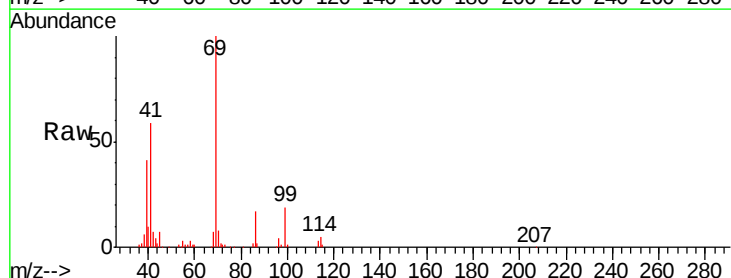
RT: 10.65 min Scan# 1435

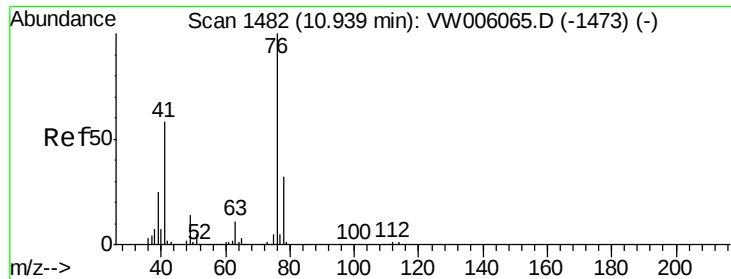
Delta R.T. 0.00 min

Lab File: VW006199.D

Acq: 19 Oct 2018 03:29

Tgt Ion:	69	Resp:	44652
Ion	Ratio	Lower	Upper
69	100		
41	65.2	52.8	79.2
39	41.2	30.6	45.8





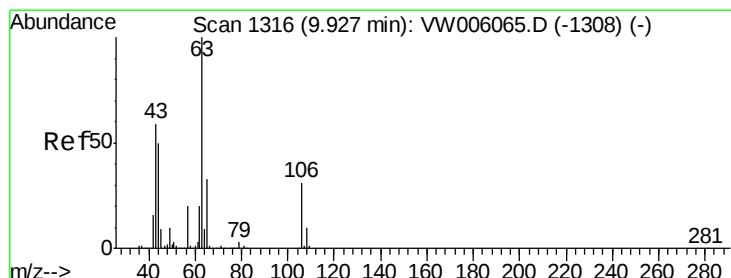
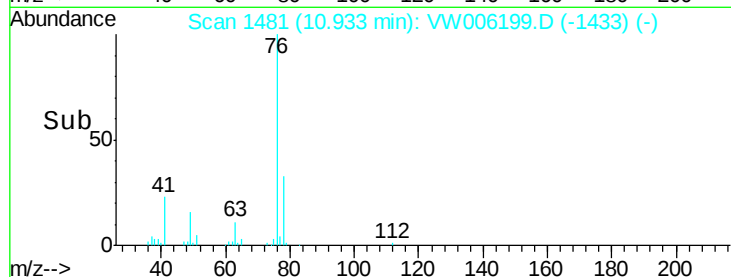
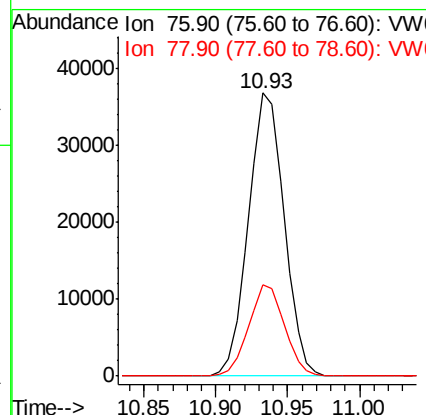
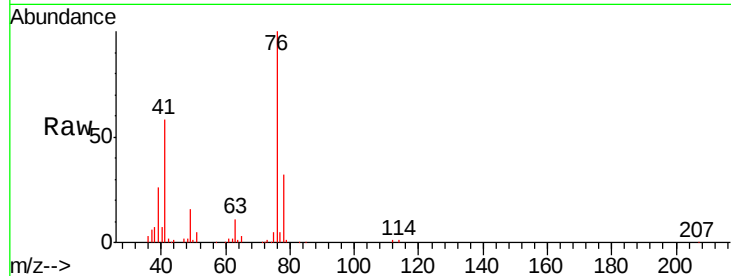
#57
 1,3-Dichloropropane
 Concen: 21.67 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: VW006199.D
 Acq: 19 Oct 2018 03:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1018SBS02

Tgt Ion: 76 Resp: 63136
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.9 38.9

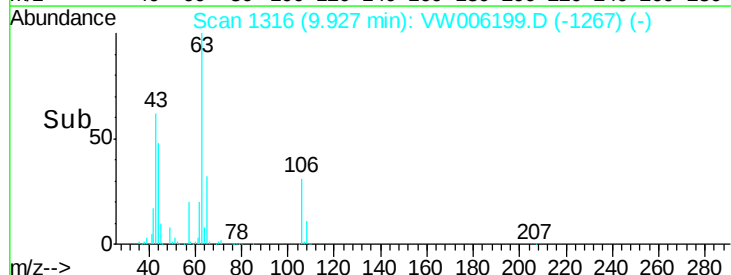
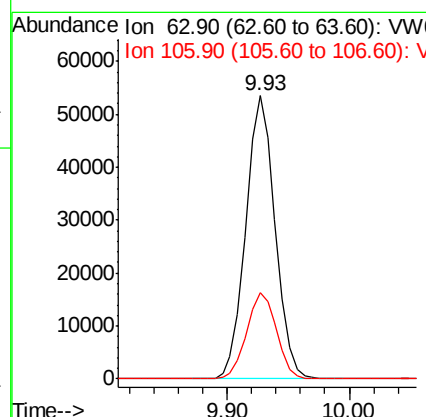
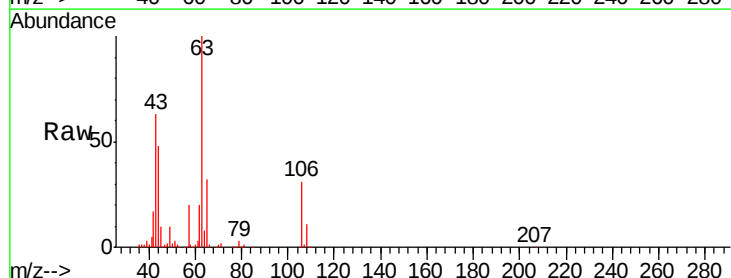
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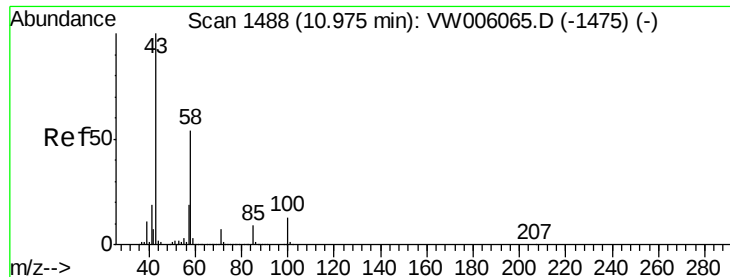
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#58
 2-Chloroethyl Vinyl ether
 Concen: 107.76 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW006199.D
 Acq: 19 Oct 2018 03:29

Tgt Ion: 63 Resp: 88851
 Ion Ratio Lower Upper
 63 100
 106 31.1 24.5 36.7





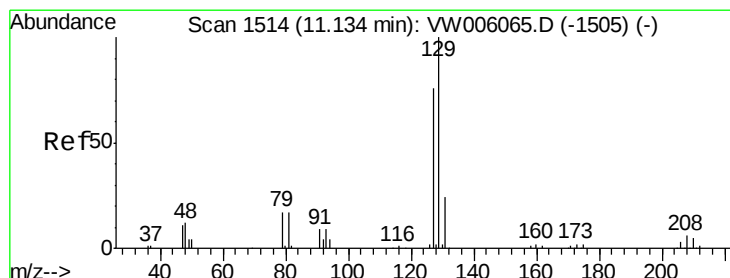
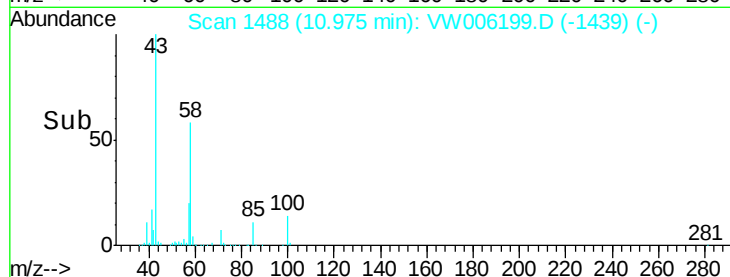
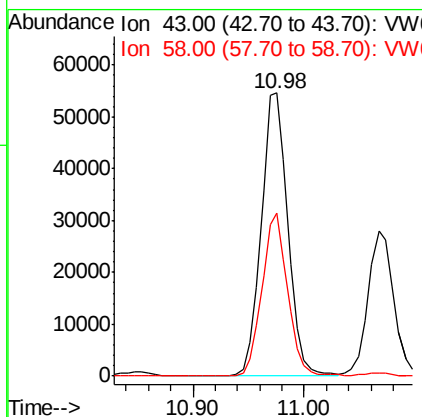
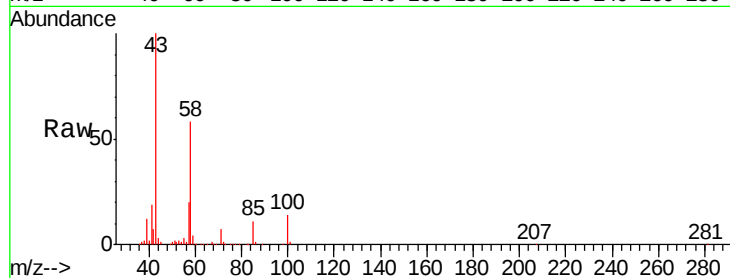
#59
2-Hexanone
Concen: 100.07 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW006199.D
Acq: 19 Oct 2018 03:29

Instrument :
MSVOA_W
ClientSampleId :
VW1018SBSD02

Tgt Ion: 43 Resp: 91405
Ion Ratio Lower Upper
43 100
58 55.4 26.9 80.6

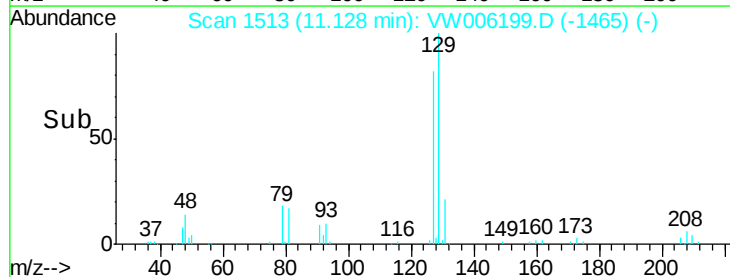
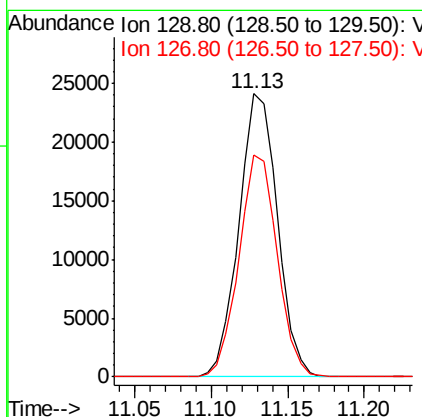
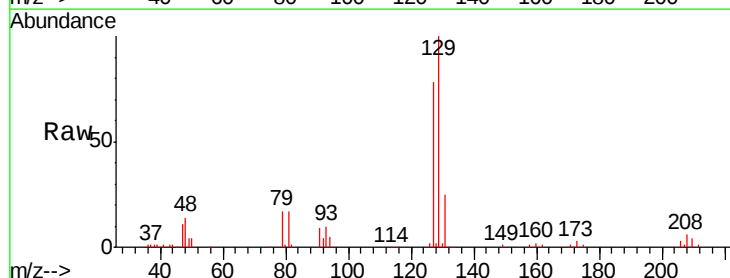
Manual Integrations
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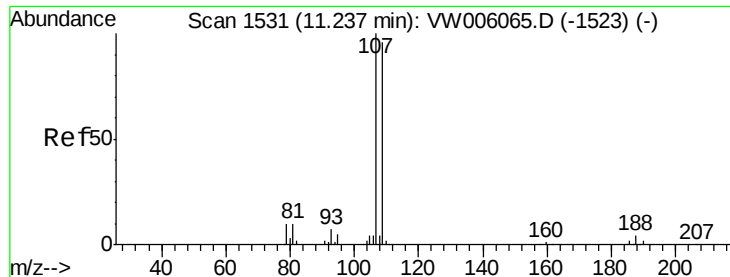
apatel
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#60
Dibromochloromethane
Concen: 19.26 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW006199.D
Acq: 19 Oct 2018 03:29

Tgt Ion: 129 Resp: 42228
Ion Ratio Lower Upper
129 100
127 77.7 38.6 115.7





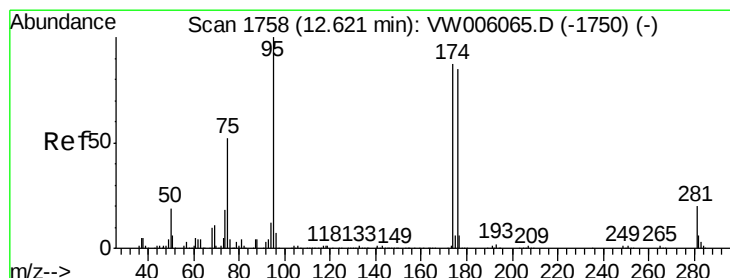
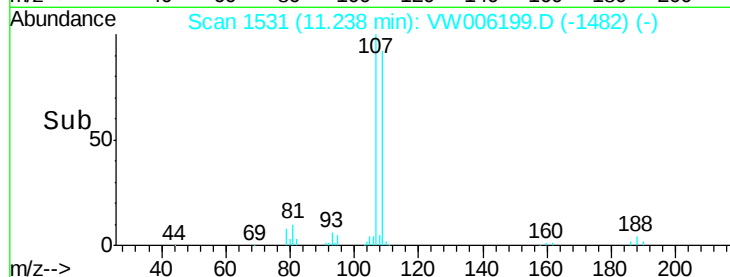
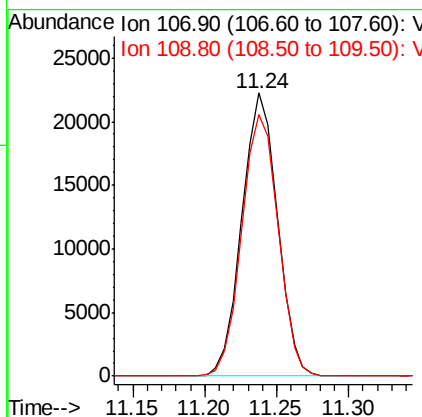
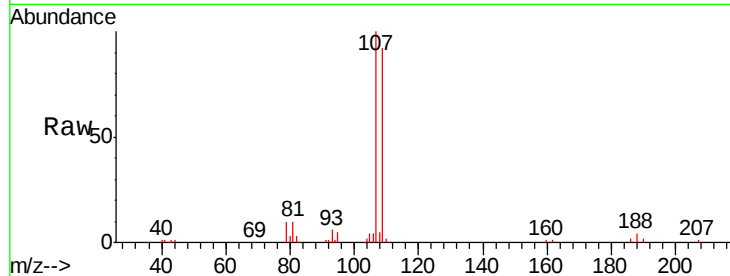
#61
 1,2-Dibromoethane
 Concen: 21.60 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW006199.D
 Acq: 19 Oct 2018 03:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1018SBS02

Tgt Ion: 107 Resp: 37991
 Ion Ratio Lower Upper
 107 100
 109 94.6 76.3 114.5

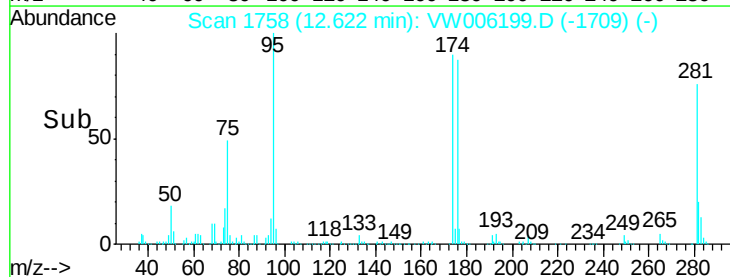
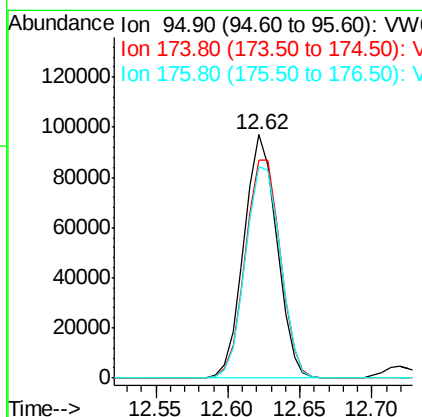
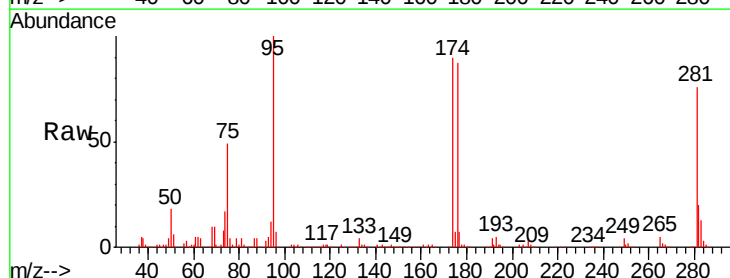
Manual Integrations
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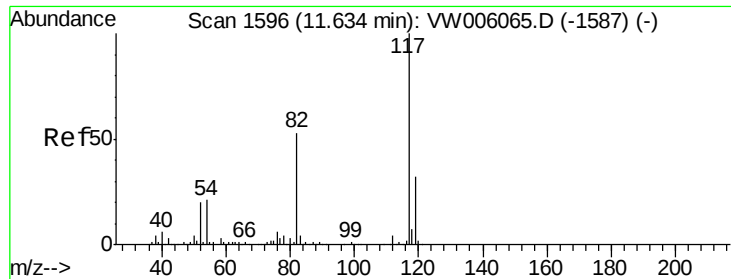
apatel
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#62
 4-Bromofluorobenzene
 Concen: 49.87 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW006199.D
 Acq: 19 Oct 2018 03:29

Tgt Ion: 95 Resp: 153599
 Ion Ratio Lower Upper
 95 100
 174 95.3 0.0 186.0
 176 92.5 0.0 181.6





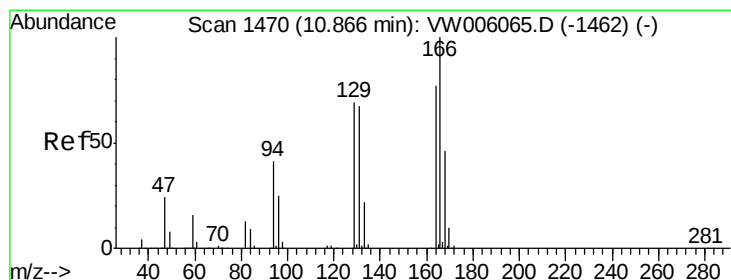
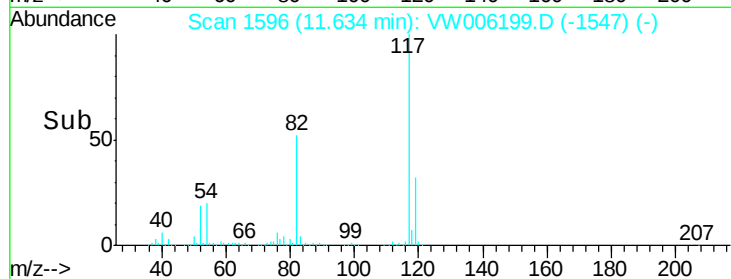
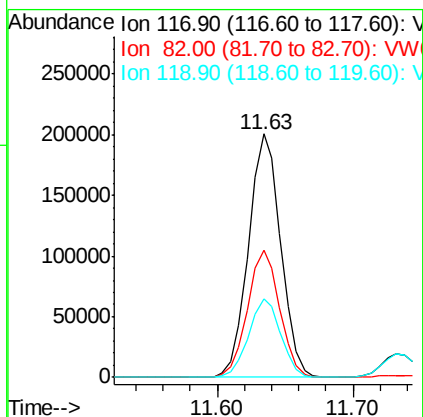
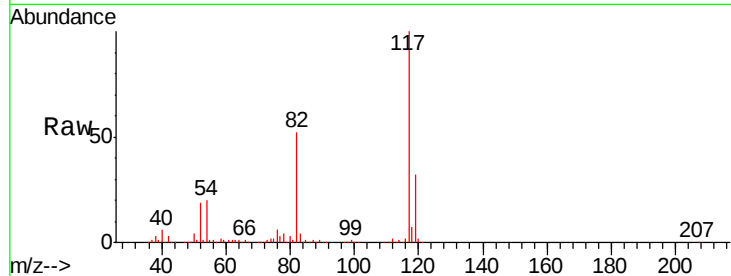
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006199.D
Acq: 19 Oct 2018 03:29

Instrument :
MSVOA_W
ClientSampleId :
VW1018SBS02

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.1	42.1	63.1
119	32.0	25.8	38.6

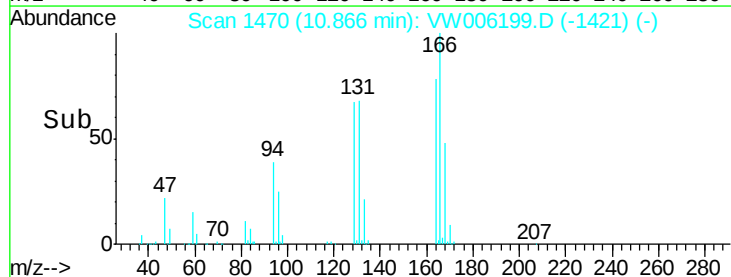
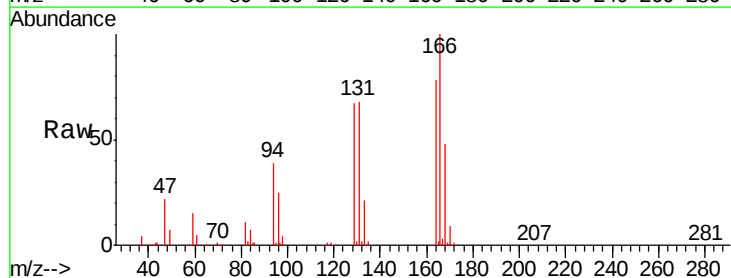
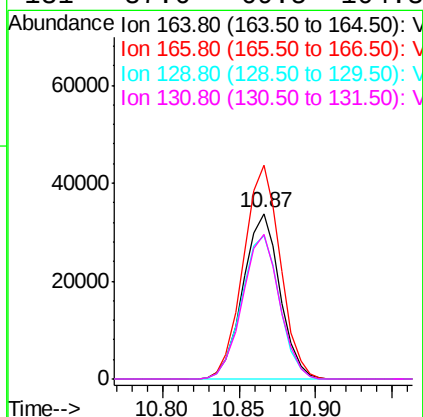
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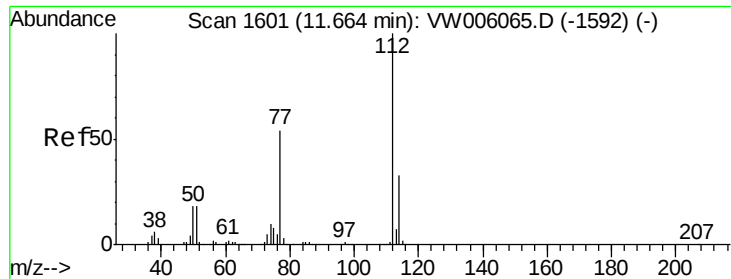
apatel
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#64
Tetrachloroethene
Concen: 21.86 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006199.D
Acq: 19 Oct 2018 03:29

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.9	103.4	155.0
129	86.3	71.8	107.8
131	87.6	69.5	104.3





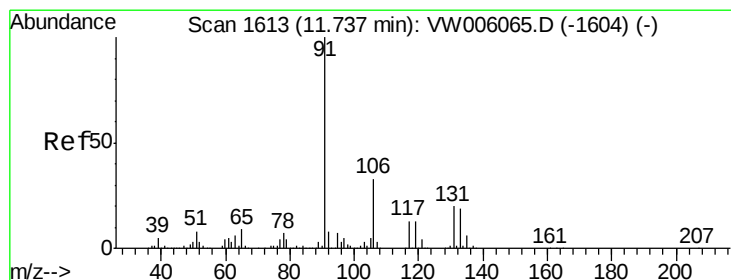
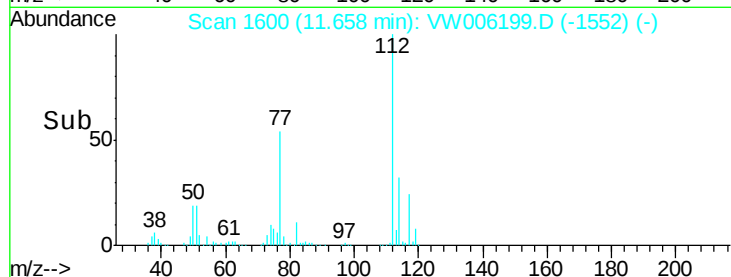
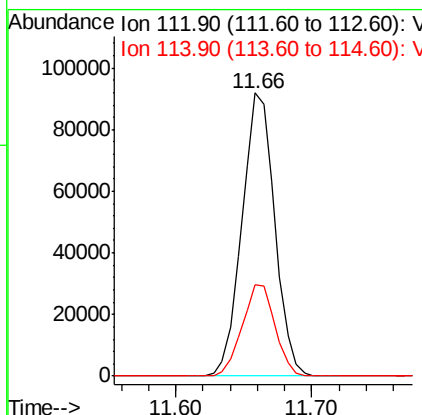
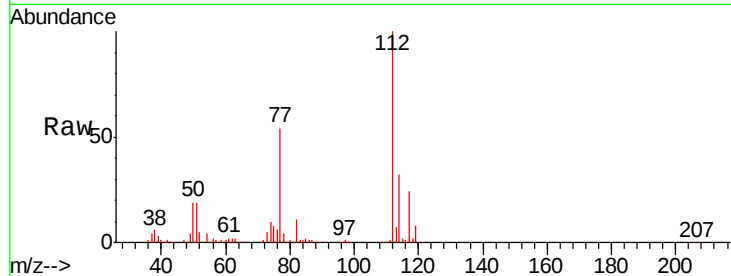
#65
Chlorobenzene
Concen: 21.66 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VW006199.D
Acq: 19 Oct 2018 03:29

Instrument :
MSVOA_W
ClientSampleId :
VW1018SBS02

Tgt Ion:112 Resp: 154443
Ion Ratio Lower Upper
112 100
114 32.1 26.2 39.2

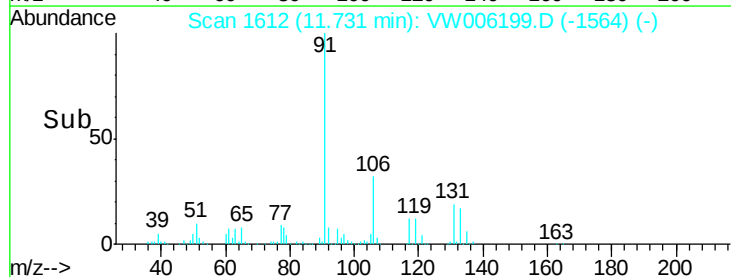
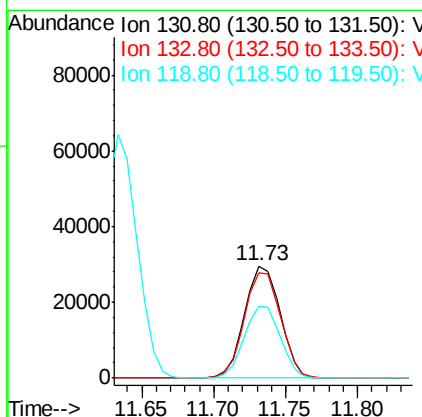
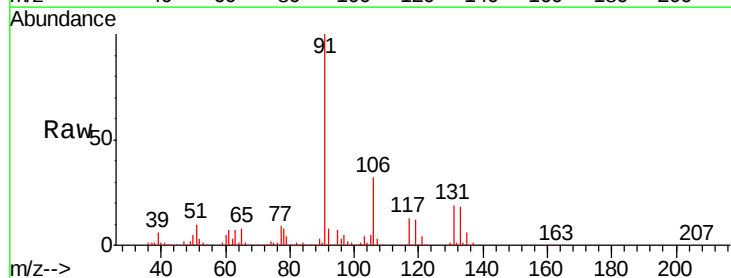
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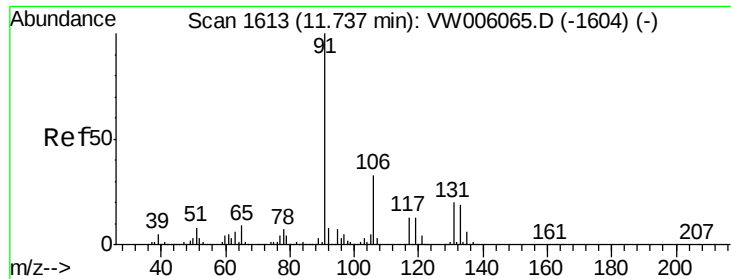
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.11 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW006199.D
Acq: 19 Oct 2018 03:29

Tgt Ion:131 Resp: 50953
Ion Ratio Lower Upper
131 100
133 95.8 48.1 144.3
119 64.7 31.6 94.7





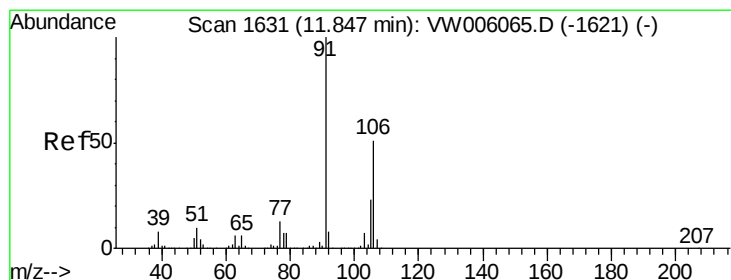
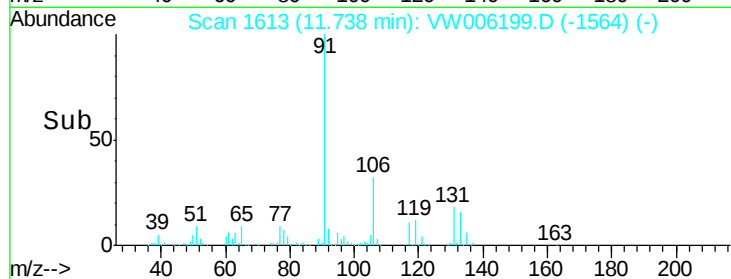
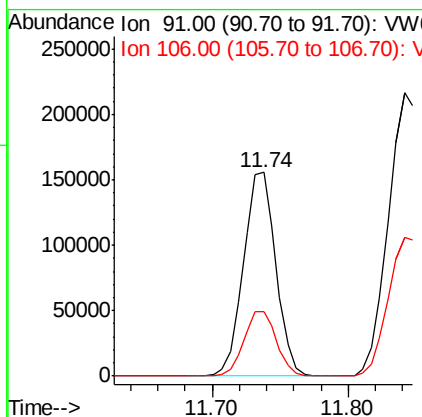
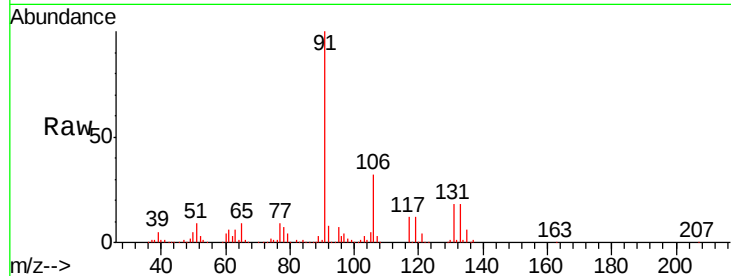
#67
Ethyl Benzene
Concen: 20.98 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006199.D
Acq: 19 Oct 2018 03:29

Instrument :
MSVOA_W
ClientSampleId :
VW1018SBSD02

Tgt Ion: 91 Resp: 259286
Ion Ratio Lower Upper
91 100
106 32.0 26.1 39.1

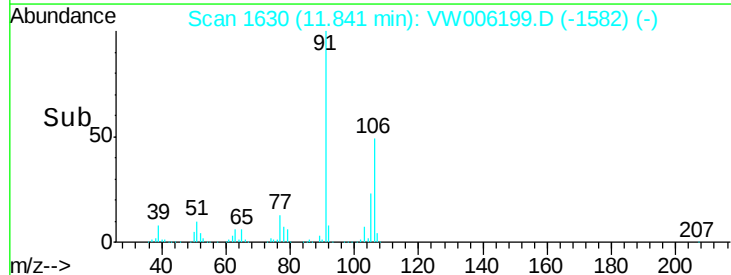
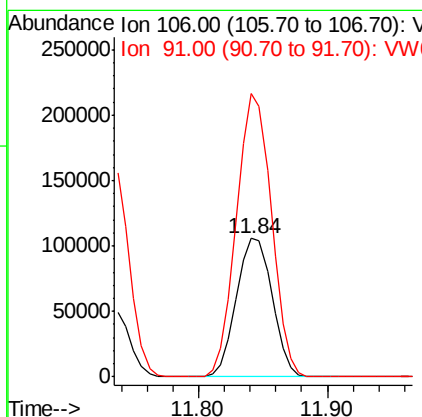
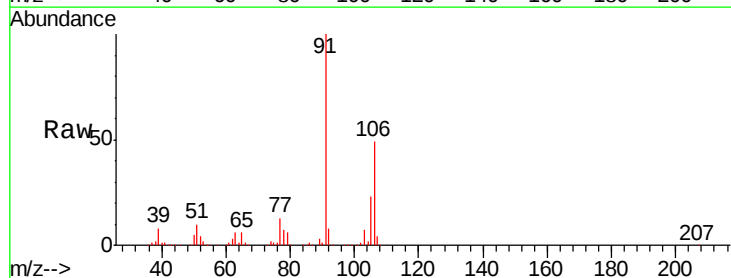
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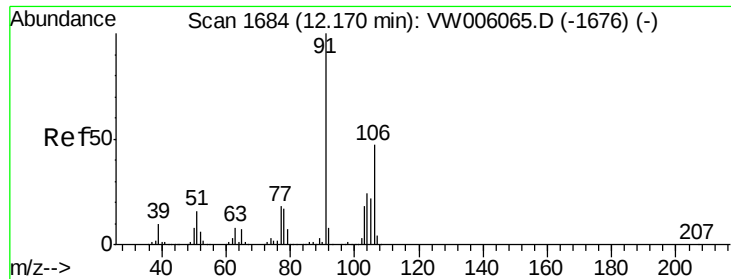
apatel
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#68
m/p-Xylenes
Concen: 41.97 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006199.D
Acq: 19 Oct 2018 03:29

Tgt Ion: 106 Resp: 204995
Ion Ratio Lower Upper
106 100
91 198.7 159.1 238.7





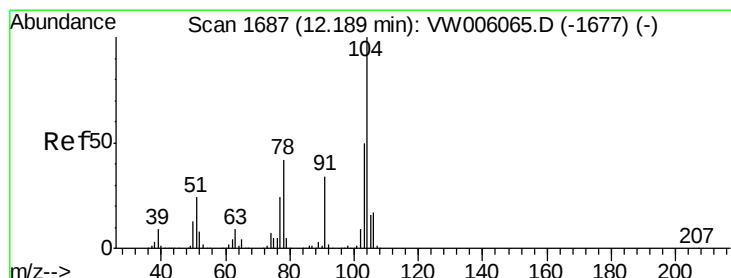
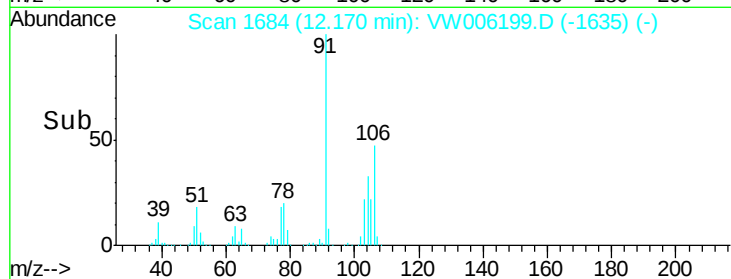
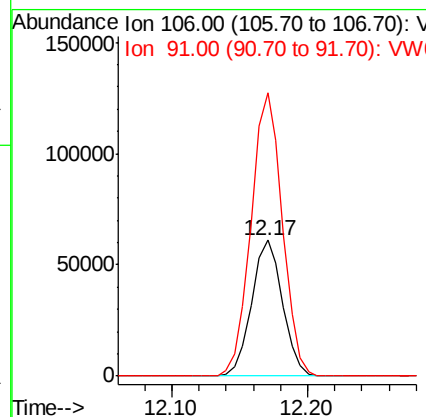
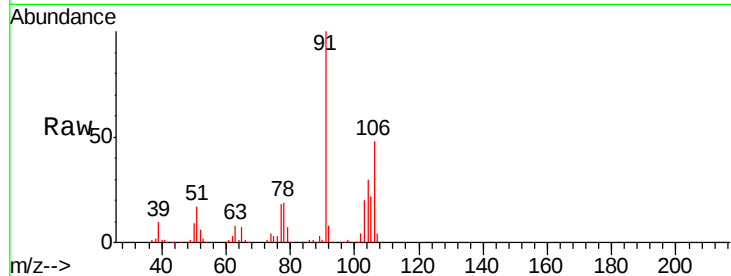
#69
o-Xylene
Concen: 20.91 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006199.D
Acq: 19 Oct 2018 03:29

Instrument :
MSVOA_W
ClientSampleId :
VW1018SBS02

Tgt Ion:106 Resp: 97346
Ion Ratio Lower Upper
106 100
91 211.0 105.4 316.1

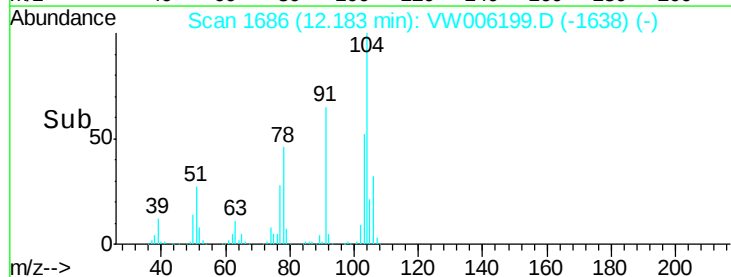
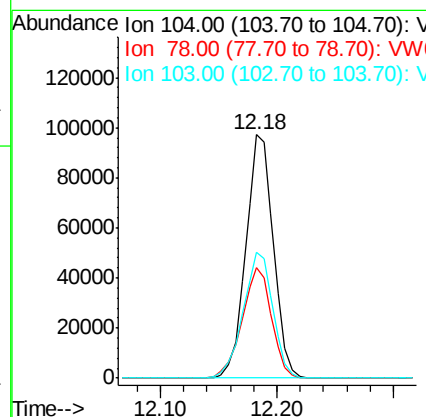
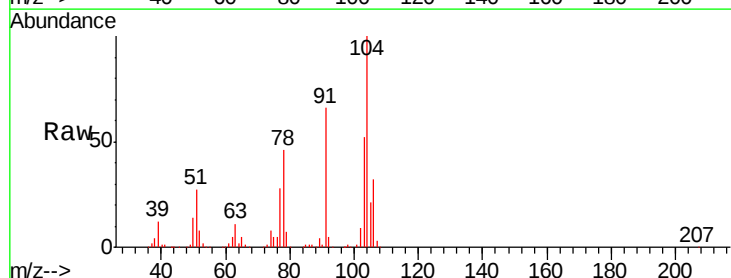
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#70
Styrene
Concen: 21.11 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.01 min
Lab File: VW006199.D
Acq: 19 Oct 2018 03:29

Tgt Ion:104 Resp: 159749
Ion Ratio Lower Upper
104 100
78 48.8 39.1 58.7
103 55.7 44.3 66.5





#71

Bromoform

Concen: 18.00 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW006199.D

Acq: 19 Oct 2018 03:29

Instrument :

MSVOA_W

ClientSampleId :

VW1018SBS02

Tgt Ion:173 Resp: 25438

Ion Ratio Lower Upper

173 100

175 48.5 24.2 72.6

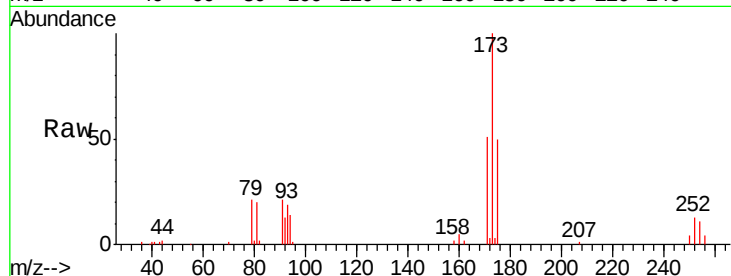
254 0.0 0.1 0.1#

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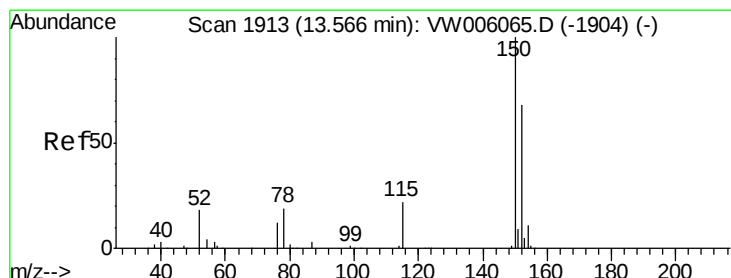
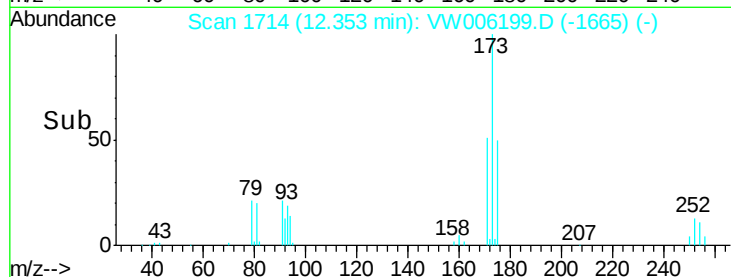
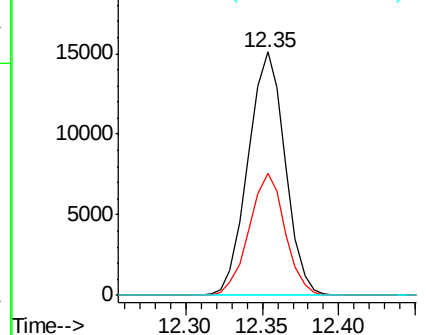
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.01 min

Lab File: VW006199.D

Acq: 19 Oct 2018 03:29

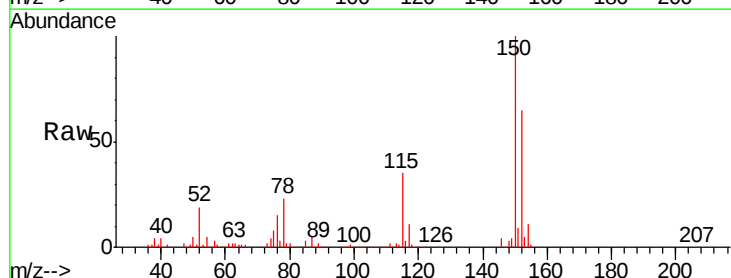
Tgt Ion:152 Resp: 187442

Ion Ratio Lower Upper

152 100

115 55.0 27.8 83.3

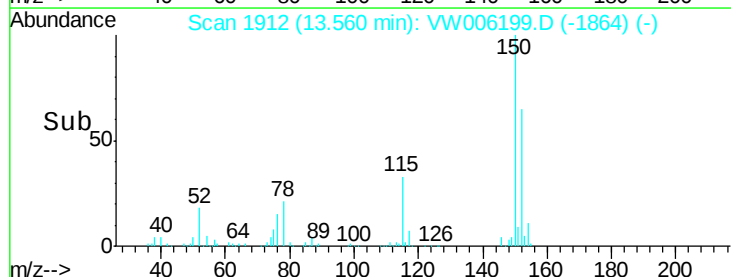
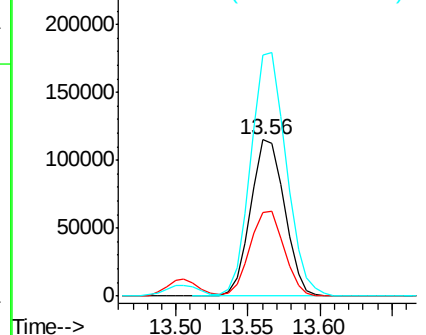
150 162.7 0.0 349.2

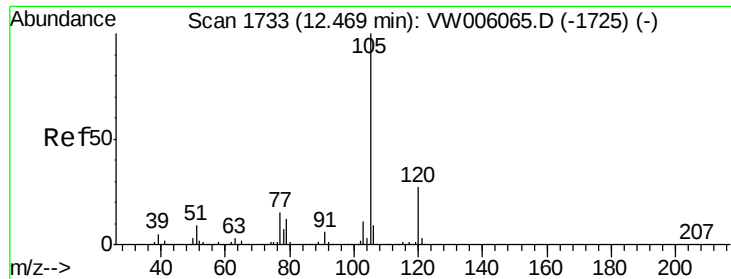


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





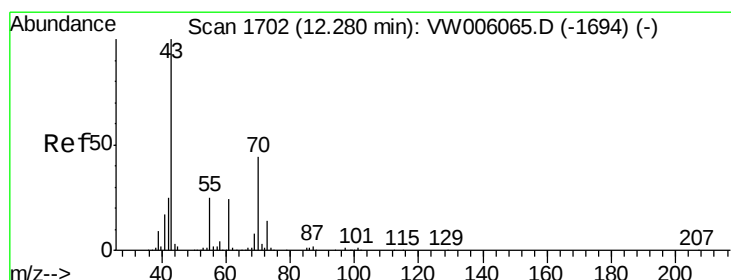
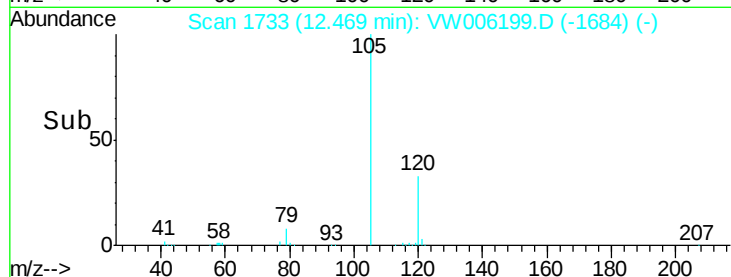
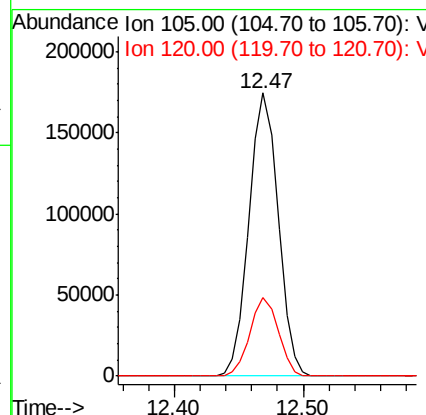
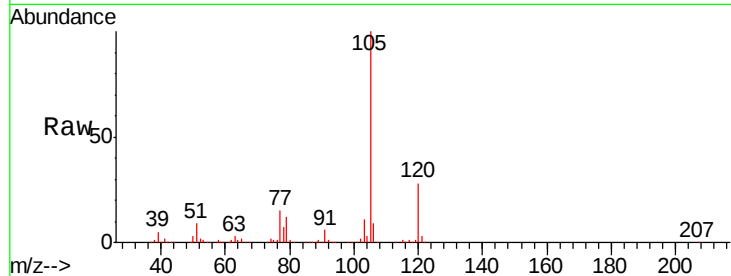
#73
Isopropylbenzene
Concen: 20.61 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW006199.D
Acq: 19 Oct 2018 03:29

Instrument :
MSVOA_W
ClientSampleId :
VW1018SBS02

Tgt Ion: 105 Resp: 272963
Ion Ratio Lower Upper
105 100
120 27.1 13.6 40.7

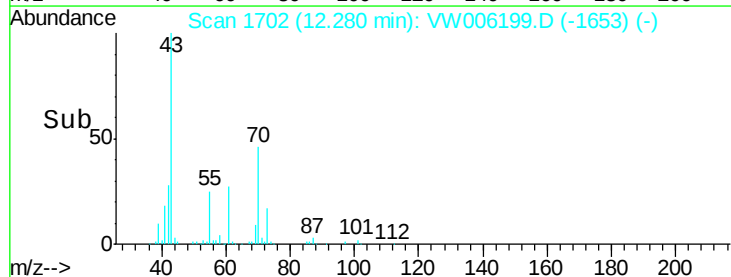
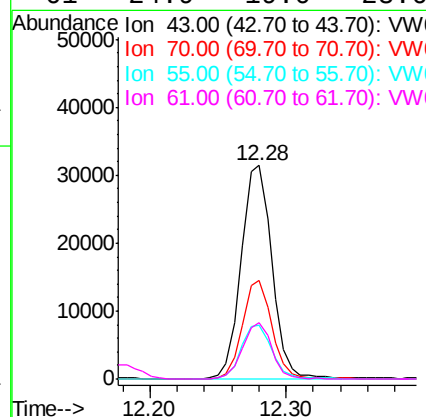
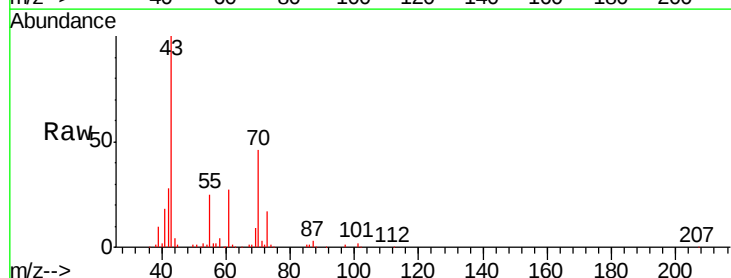
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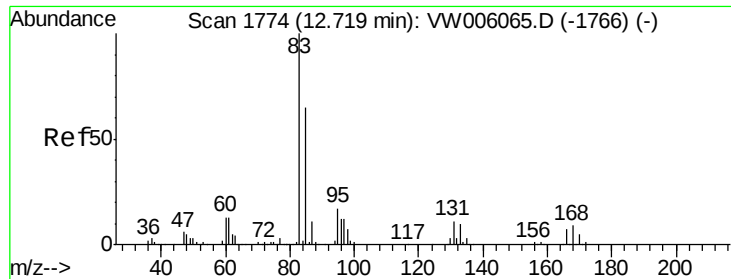
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#74
N-ethyl acetate
Concen: 19.39 ug/l
RT: 12.28 min Scan# 1702
Delta R.T. 0.00 min
Lab File: VW006199.D
Acq: 19 Oct 2018 03:29

Tgt Ion: 43 Resp: 49874
Ion Ratio Lower Upper
43 100
70 44.2 34.2 51.4
55 25.8 19.2 28.8
61 24.9 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 21.29 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006199.D

Acq: 19 Oct 2018 03:29

Instrument :

MSVOA_W

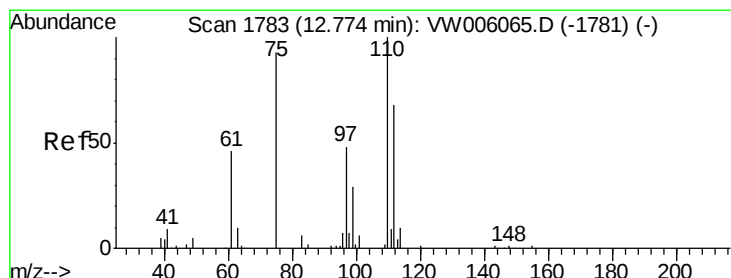
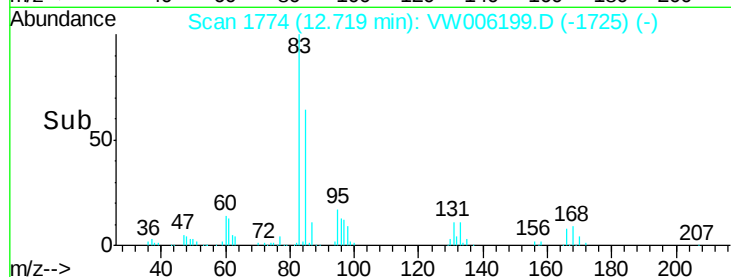
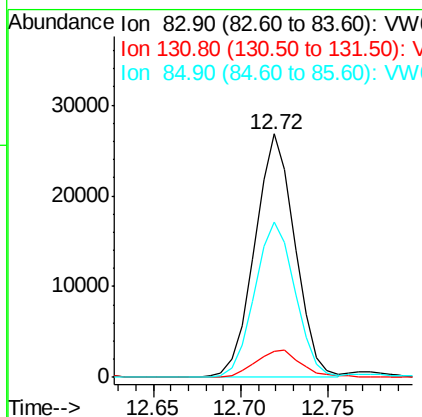
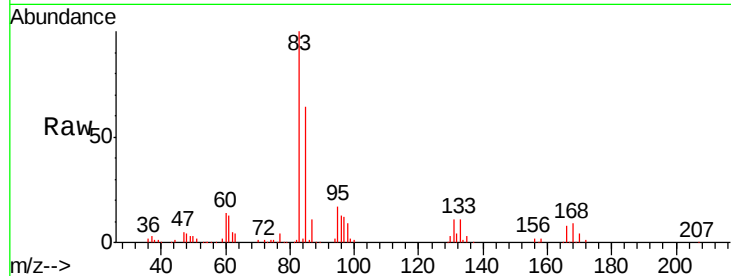
ClientSampleId :

VW1018SBSD02

Tgt Ion:	83	Resp:	42873
Ion Ratio	Lower	Upper	
83	100		
131	12.5	5.9	17.7
85	63.9	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 23.61 ug/l m

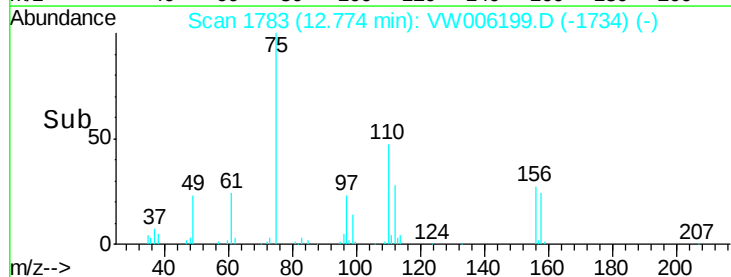
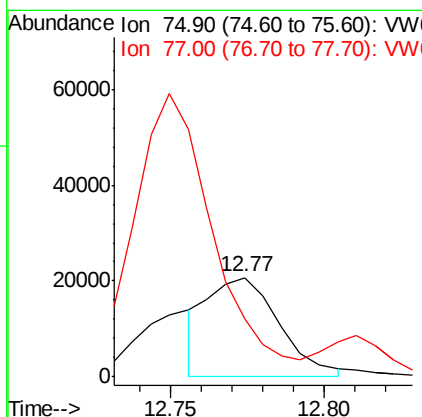
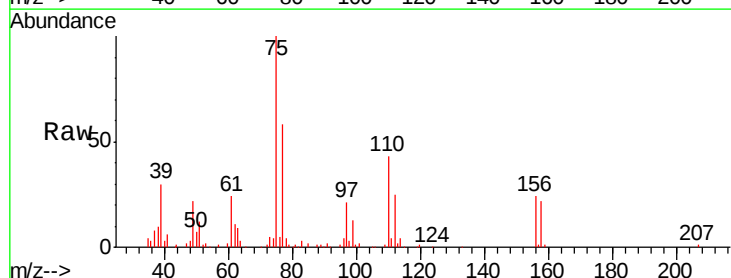
RT: 12.77 min Scan# 1783

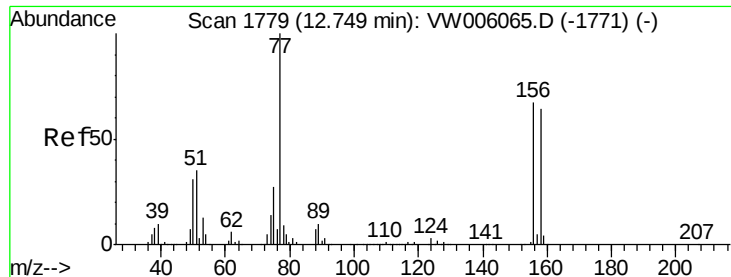
Delta R.T. 0.00 min

Lab File: VW006199.D

Acq: 19 Oct 2018 03:29

Tgt Ion:	75	Resp:	33805
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.97 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006199.D

Acq: 19 Oct 2018 03:29

Instrument :

MSVOA_W

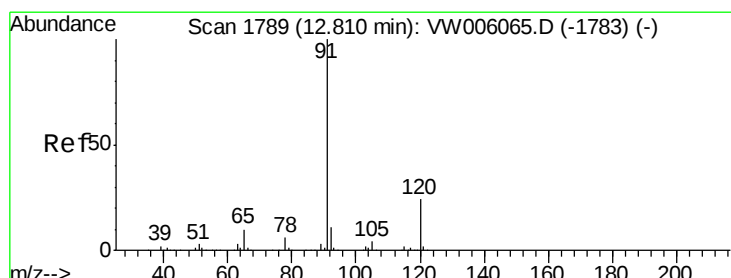
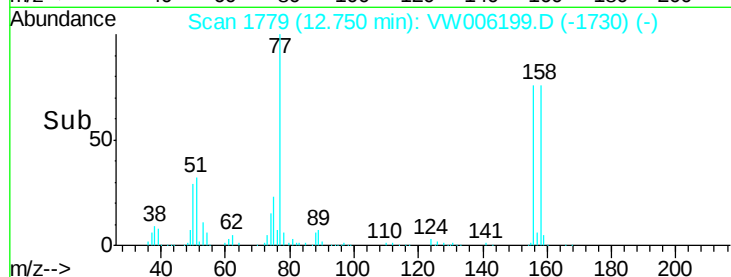
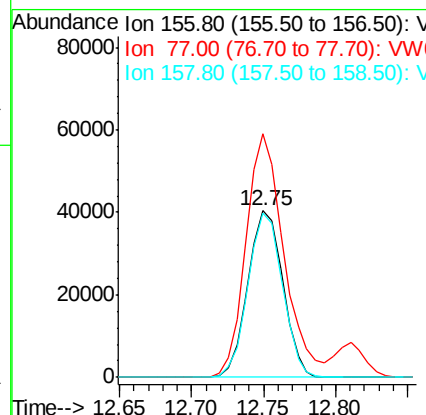
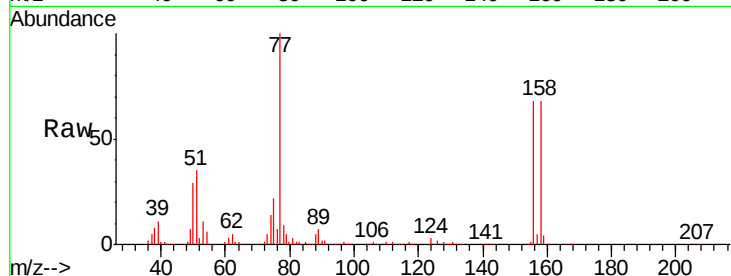
ClientSampleId :

VW1018SBS02

Tgt Ion	Ratio	Lower	Upper
156	100		
77	158.4	79.1	237.4
158	97.4	48.5	145.6

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#78

n-propylbenzene

Concen: 20.78 ug/l

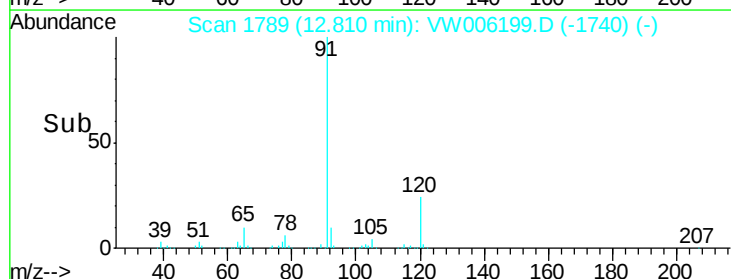
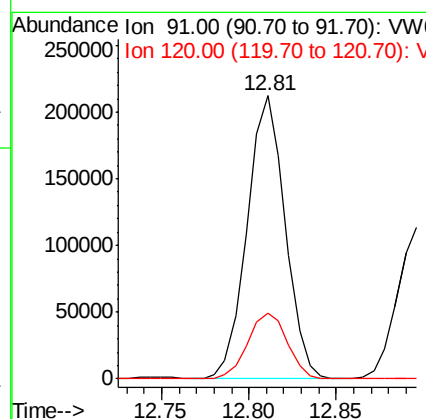
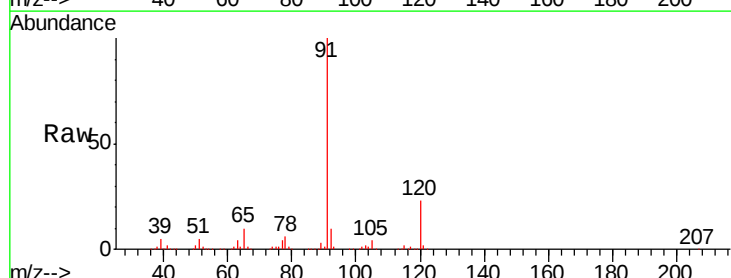
RT: 12.81 min Scan# 1789

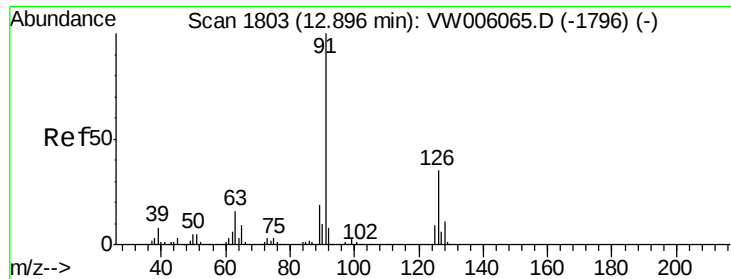
Delta R.T. 0.00 min

Lab File: VW006199.D

Acq: 19 Oct 2018 03:29

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.4	12.2	36.6





#79

2-Chlorotoluene

Concen: 21.02 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW006199.D

Acq: 19 Oct 2018 03:29

Instrument :

MSVOA_W

ClientSampled :

VW1018SBS02

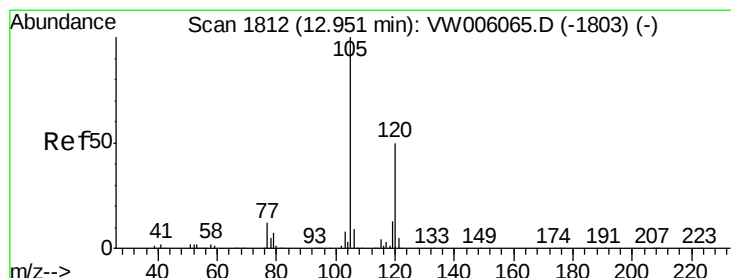
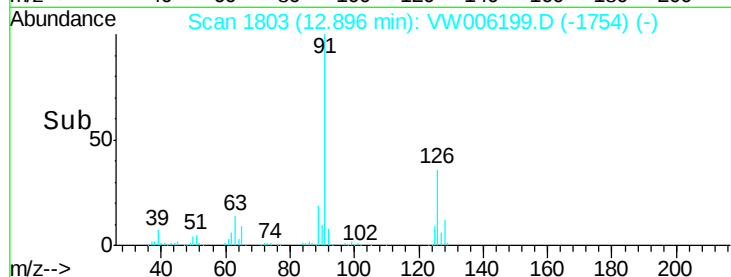
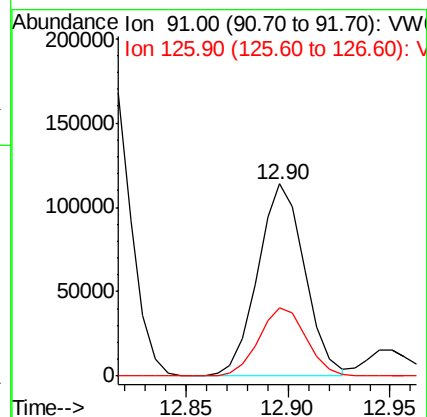
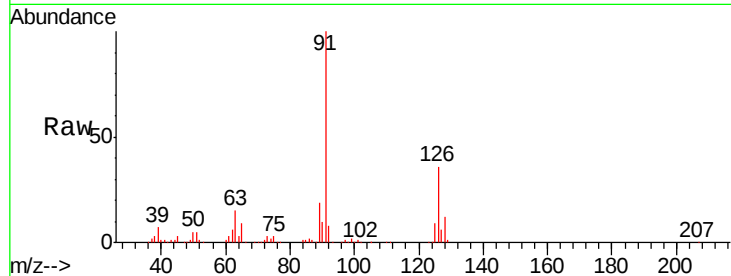
Tgt Ion: 91 Resp: 181951
Ion Ratio Lower Upper

91 100

126 36.2 17.9 53.8

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#80

1,3,5-Trimethylbenzene

Concen: 20.73 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

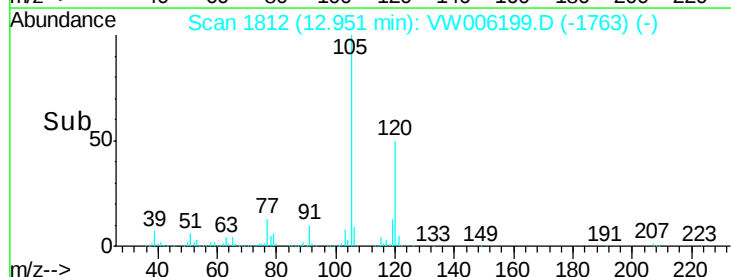
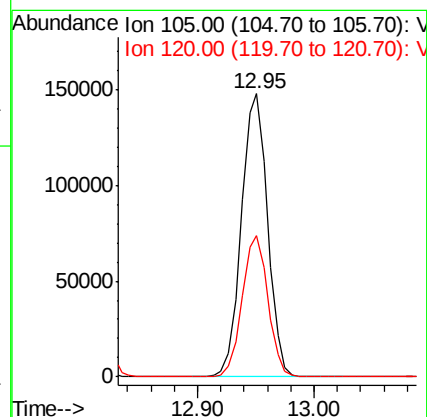
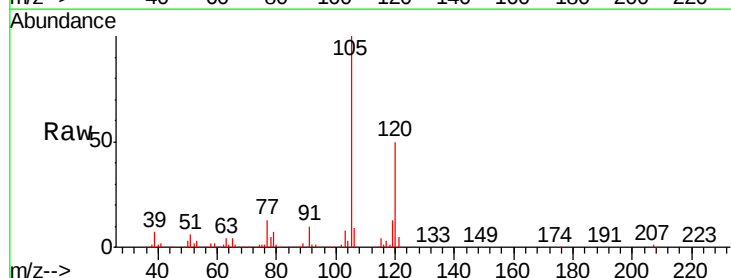
Lab File: VW006199.D

Acq: 19 Oct 2018 03:29

Tgt Ion: 105 Resp: 231396
Ion Ratio Lower Upper

105 100

120 49.3 24.9 74.6





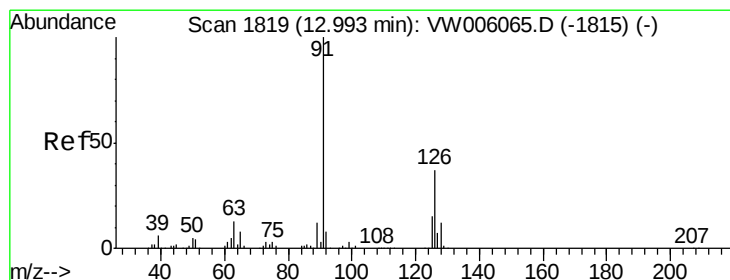
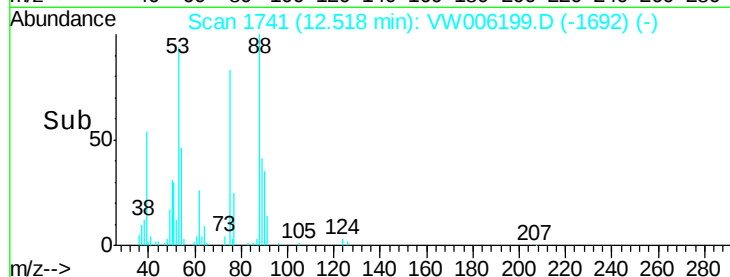
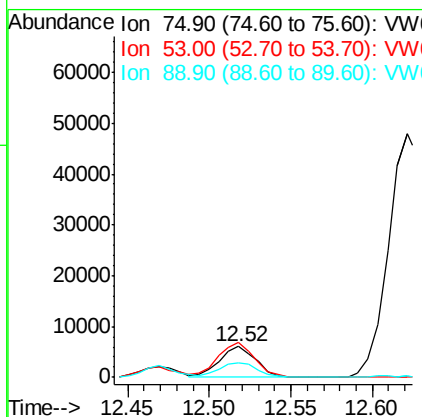
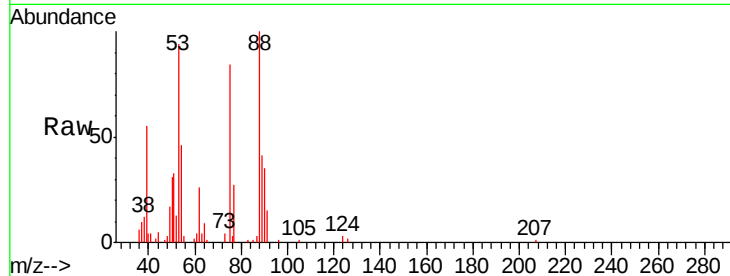
#81
trans-1,4-Dichloro-2-butene
Concen: 15.97 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW006199.D
Acq: 19 Oct 2018 03:29

Instrument :
MSVOA_W
ClientSampleId :
VW1018SBSD02

Tgt Ion	Ratio	Lower	Upper
75	100		
53	111.7	79.8	119.6
89	47.9	37.5	56.3

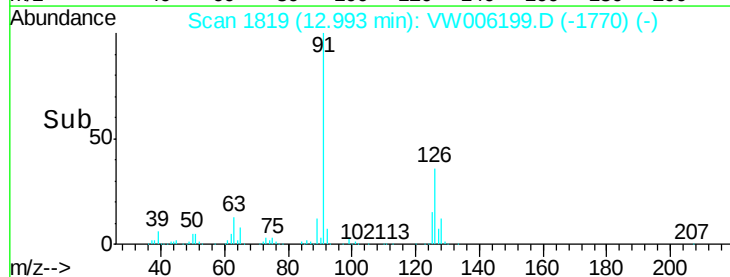
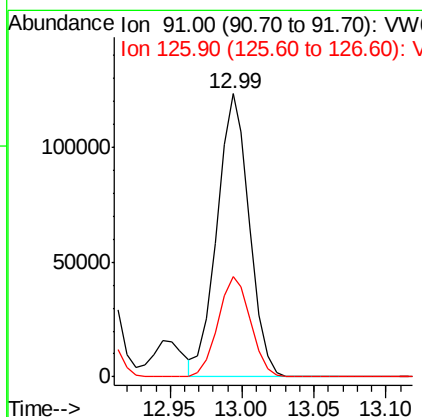
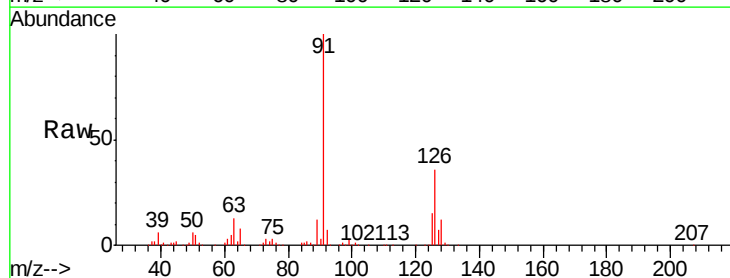
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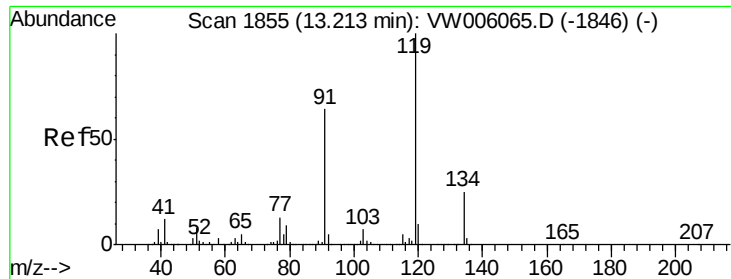
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#82
4-Chlorotoluene
Concen: 21.31 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW006199.D
Acq: 19 Oct 2018 03:29

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.9	18.1	54.3





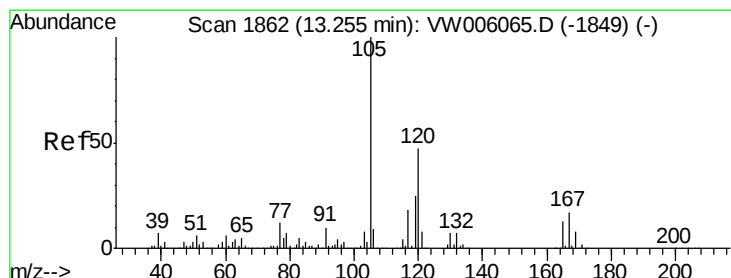
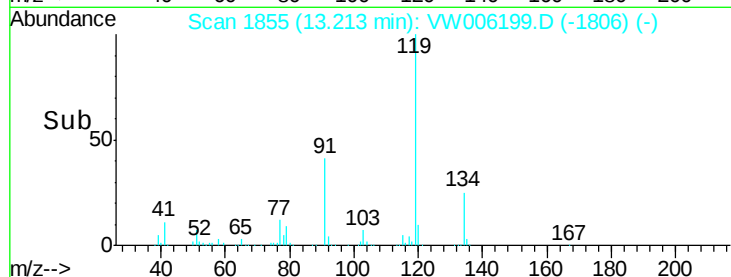
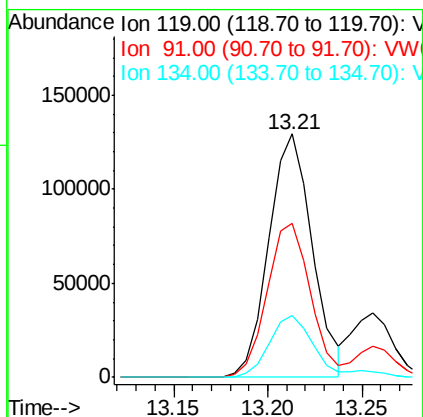
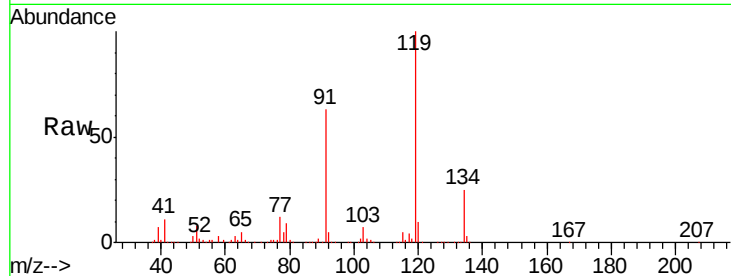
#83
 tert-Butylbenzene
 Concen: 20.74 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW006199.D
 Acq: 19 Oct 2018 03:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1018SBSD02

Tgt Ion	Ratio	Lower	Upper
119	100		
91	63.1	32.3	96.9
134	27.3	13.6	40.8

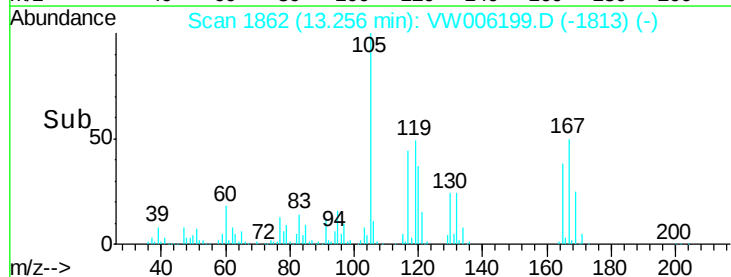
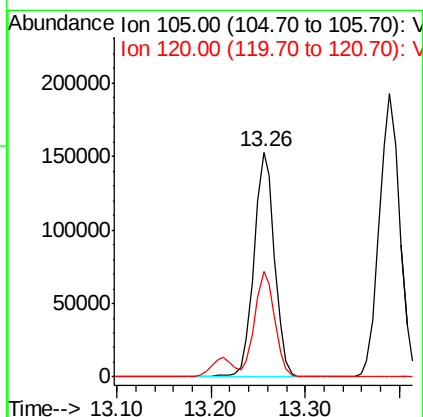
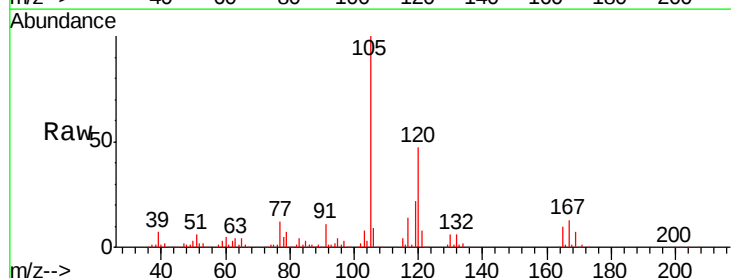
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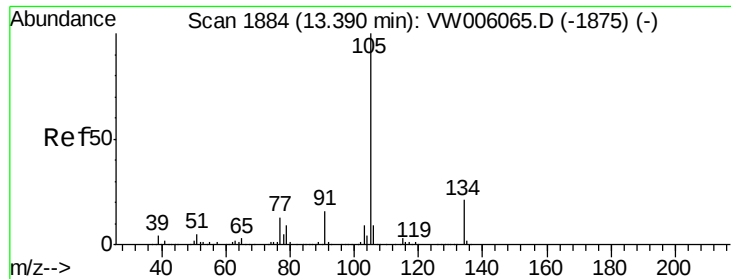
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.87 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW006199.D
 Acq: 19 Oct 2018 03:29

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	23.1	69.3





#85

sec-Butylbenzene

Concen: 20.59 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW006199.D

Acq: 19 Oct 2018 03:29

Instrument :

MSVOA_W

ClientSampleId :

VW1018SBS02

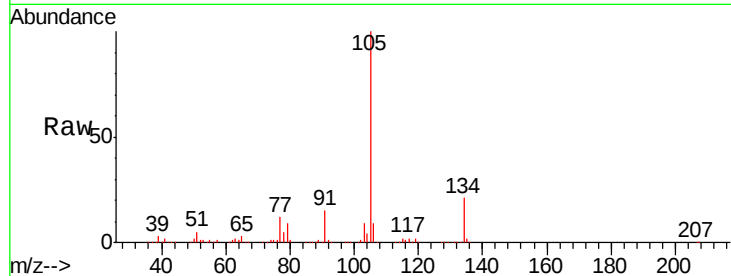
Tgt Ion:105 Resp: 290557
Ion Ratio Lower Upper

105 100

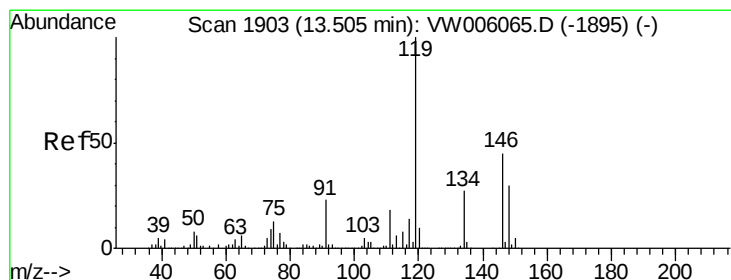
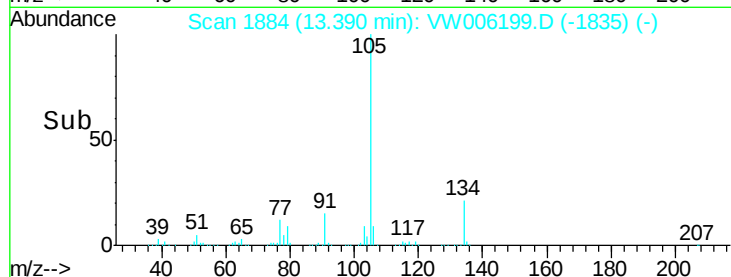
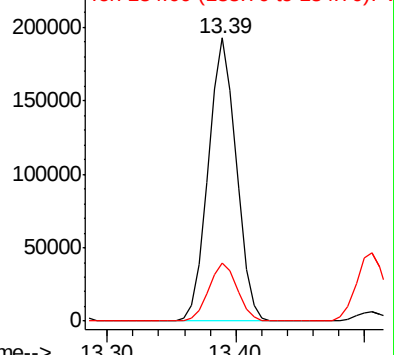
134 20.9 10.5 31.6

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Abundance Ion 105.00 (104.70 to 105.70): V
Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.51 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006199.D

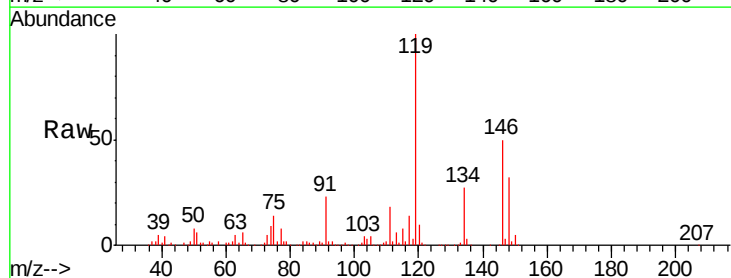
Acq: 19 Oct 2018 03:29

Tgt Ion:119 Resp: 261719
Ion Ratio Lower Upper

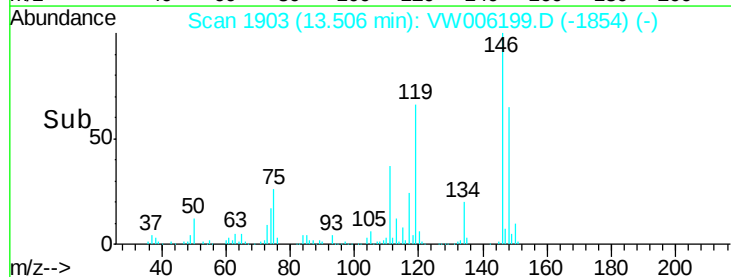
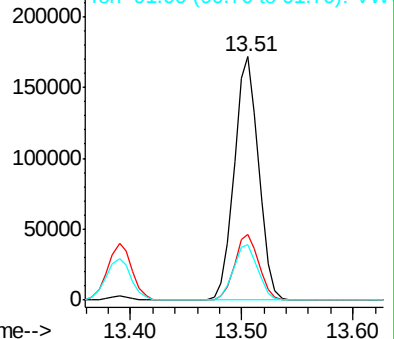
119 100

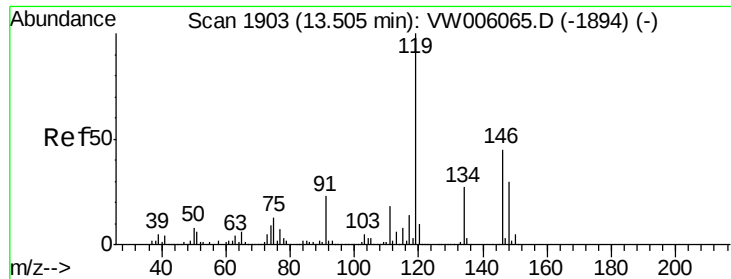
134 27.1 13.4 40.2

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





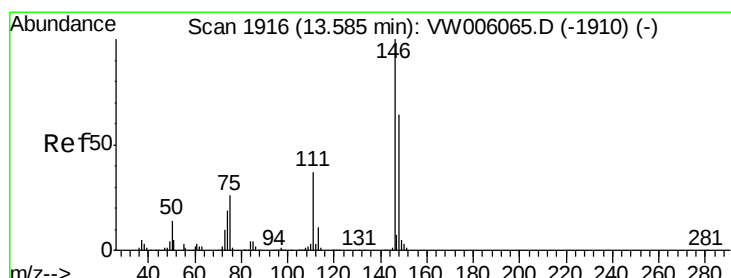
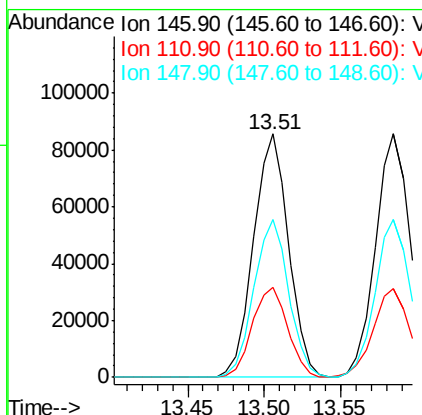
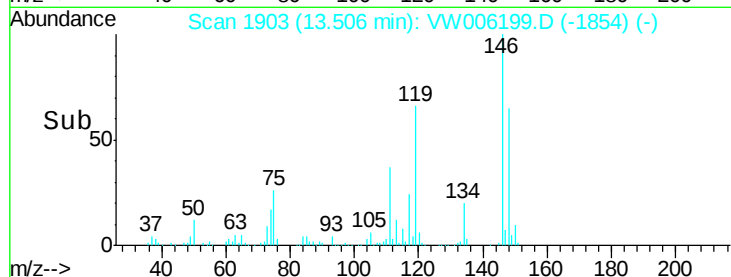
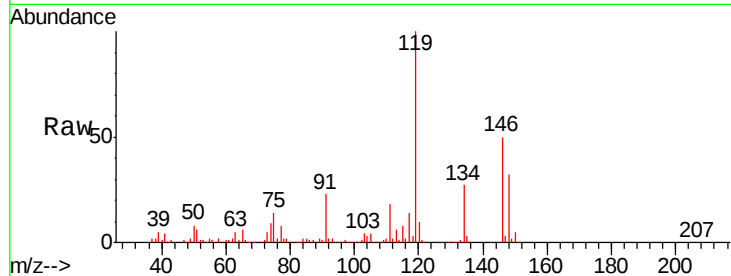
#87
 1,3-Dichlorobenzene
 Concen: 21.17 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006199.D
 Acq: 19 Oct 2018 03:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1018SBS02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	19.1	57.5
148	64.6	32.0	96.2

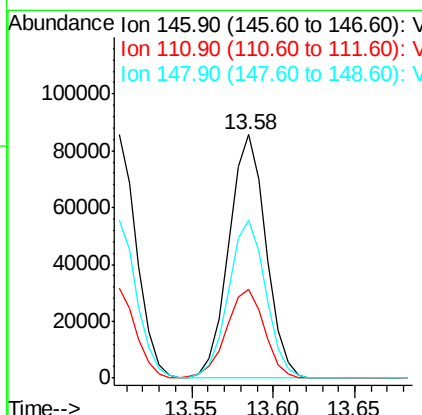
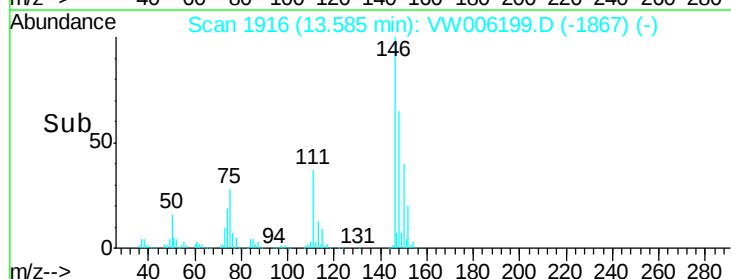
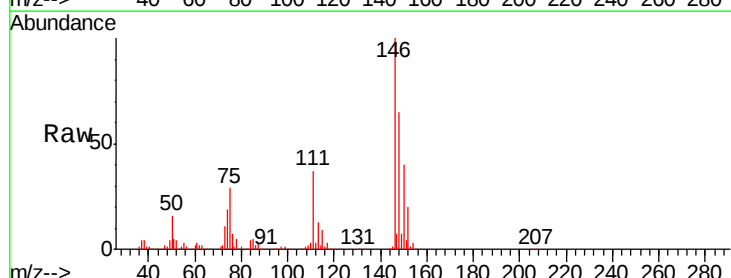
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#88
 1,4-Dichlorobenzene
 Concen: 21.02 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006199.D
 Acq: 19 Oct 2018 03:29

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.6	56.0
148	65.3	32.1	96.5





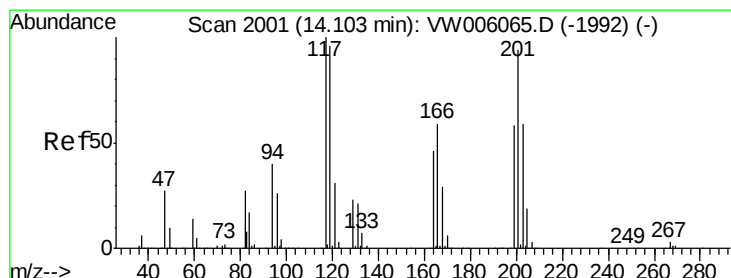
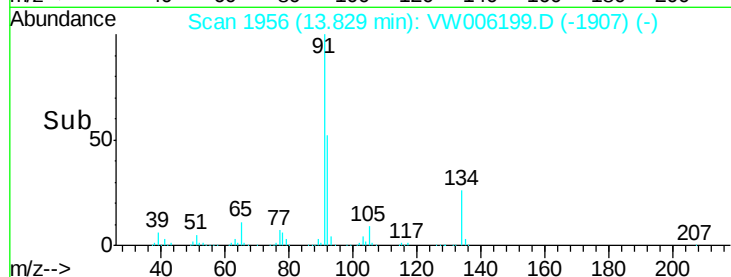
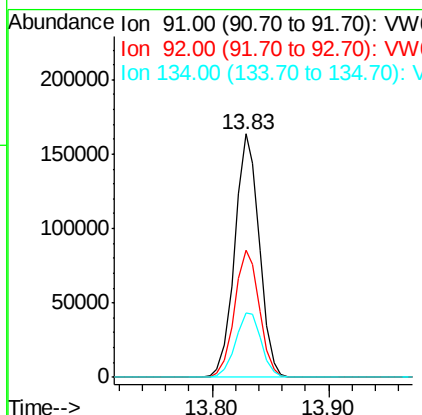
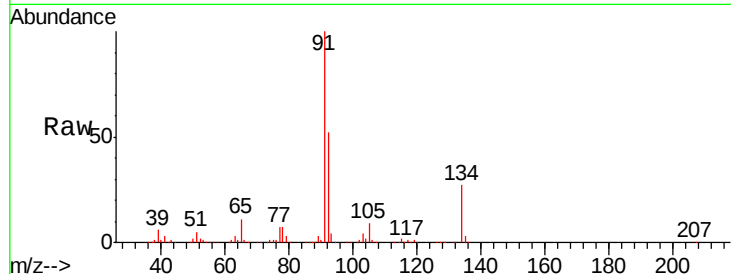
#89
n-Butylbenzene
Concen: 20.52 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW006199.D
Acq: 19 Oct 2018 03:29

Instrument :
MSVOA_W
ClientSampleId :
VW1018SBS02

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.6	79.7
134	27.9	14.0	41.9

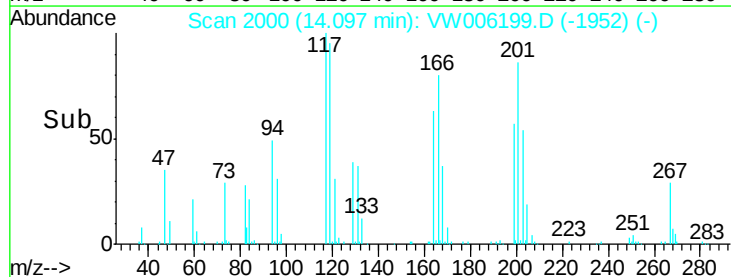
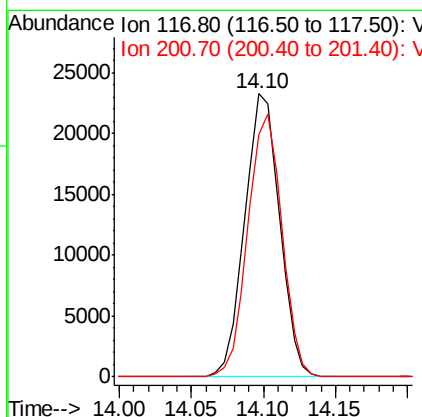
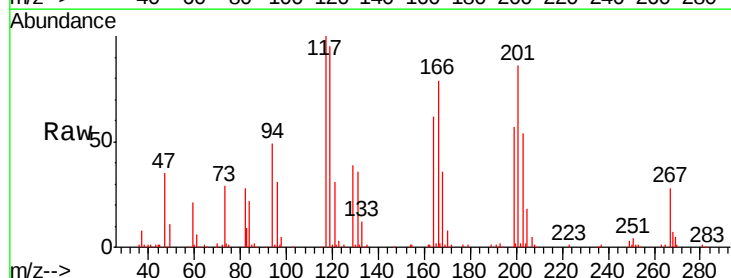
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#90
Hexachloroethane
Concen: 18.05 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.01 min
Lab File: VW006199.D
Acq: 19 Oct 2018 03:29

Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.6	45.3	135.9





#91

1,2-Dichlorobenzene

Concen: 21.28 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.00 min

Lab File: VW006199.D

Acq: 19 Oct 2018 03:29

Instrument :

MSVOA_W

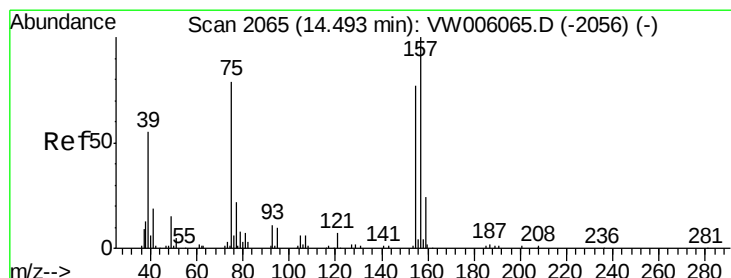
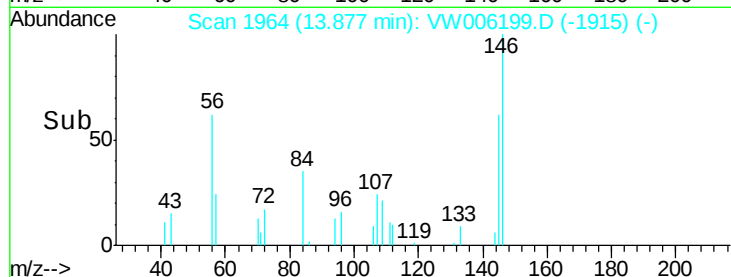
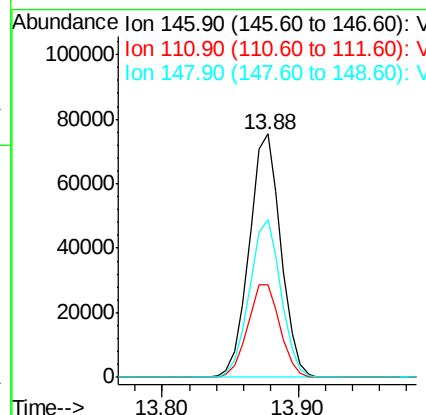
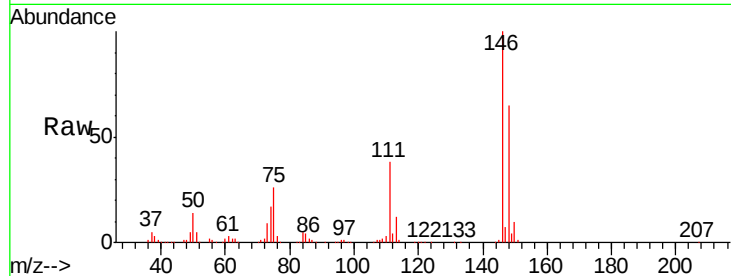
ClientSampleId :

VW1018SBS02

Tgt Ion:	146	Resp:	122538
Ion Ratio	Lower	Upper	
146	100		
111	39.2	19.6	58.7
148	64.8	32.2	96.6

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#92

1,2-Dibromo-3-Chloropropane

Concen: 19.07 ug/l

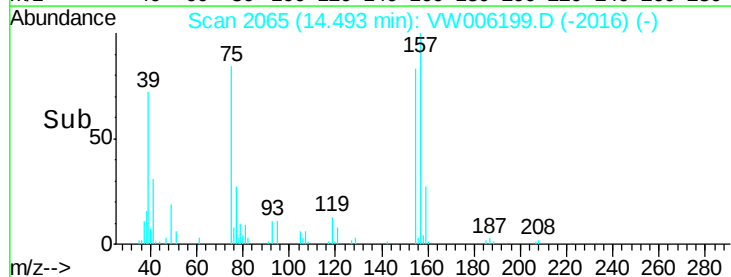
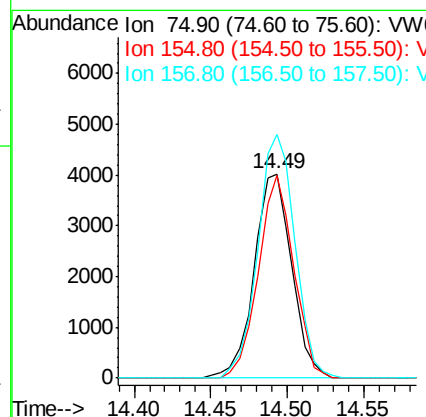
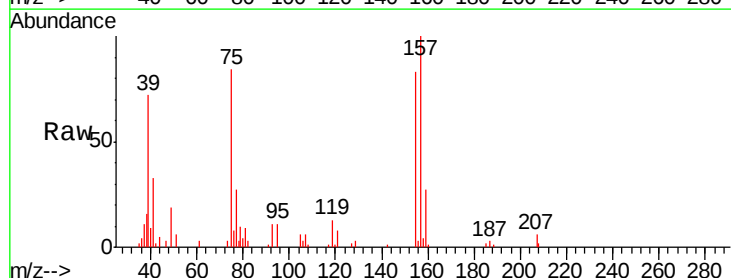
RT: 14.49 min Scan# 2065

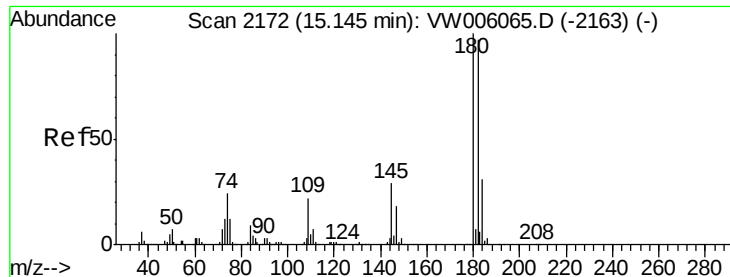
Delta R.T. 0.00 min

Lab File: VW006199.D

Acq: 19 Oct 2018 03:29

Tgt Ion:	75	Resp:	6877
Ion Ratio	Lower	Upper	
75	100		
155	93.0	46.5	139.5
157	117.7	59.8	179.4





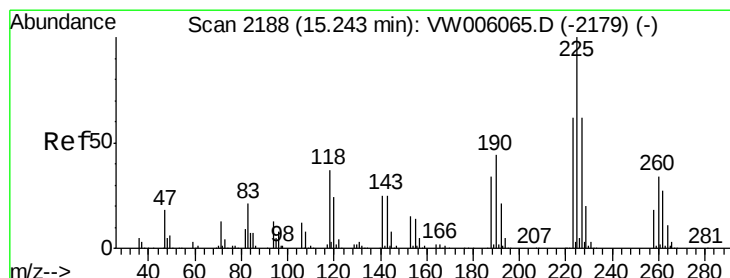
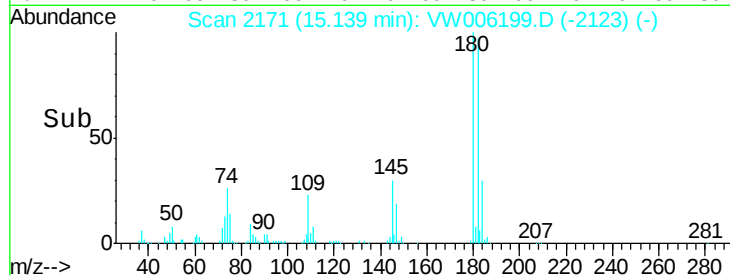
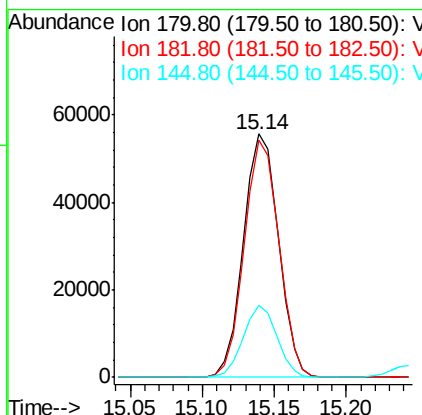
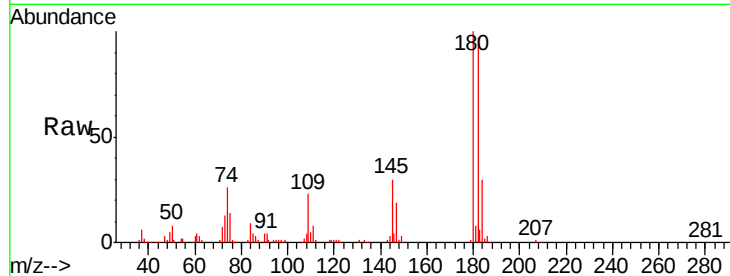
#93
 1,2,4-Trichlorobenzene
 Concen: 21.14 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: VW006199.D
 Acq: 19 Oct 2018 03:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1018SBS02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	47.9	143.6
145	28.4	14.2	42.8

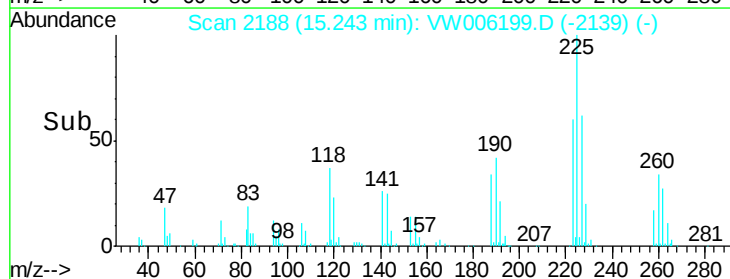
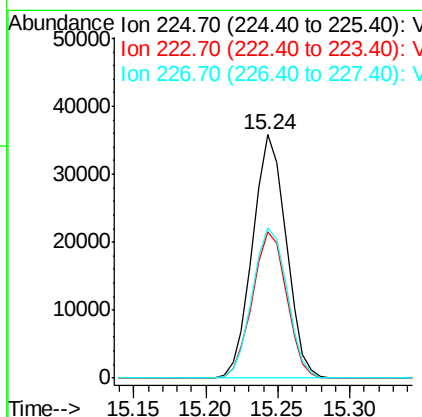
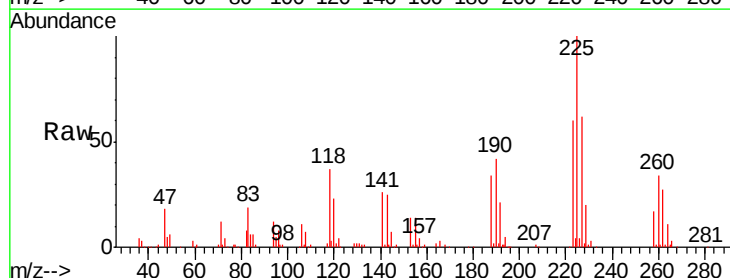
Manual Integrations
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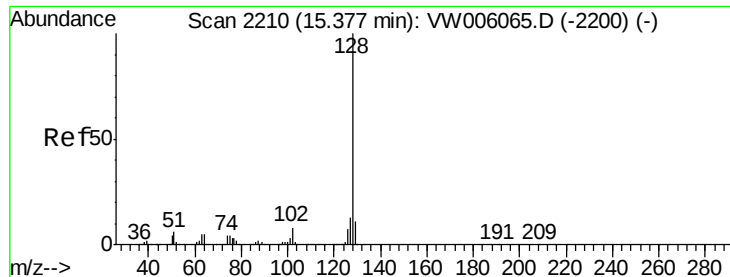
apatel
 10/19/2018 12:54:22 PM



#94
 Hexachlorobutadiene
 Concen: 20.79 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006199.D
 Acq: 19 Oct 2018 03:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.1	31.1	93.5
227	63.7	32.4	97.0





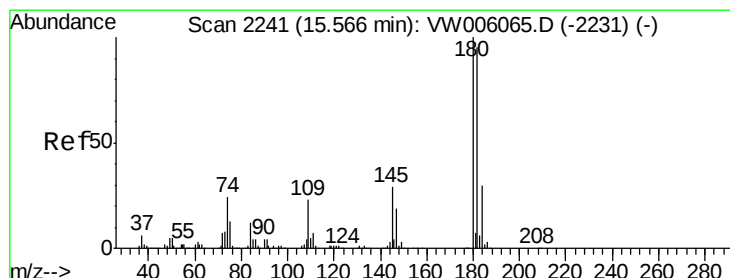
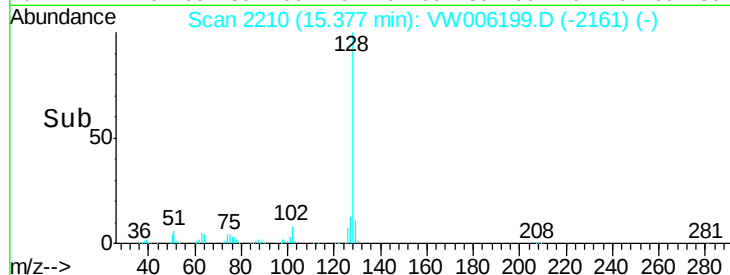
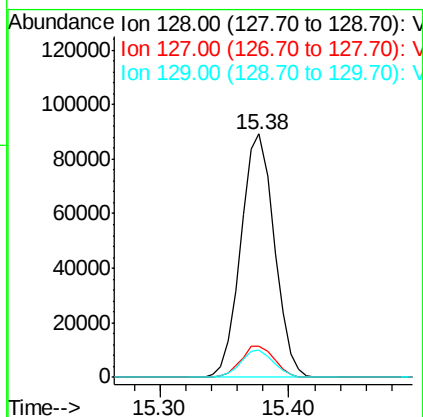
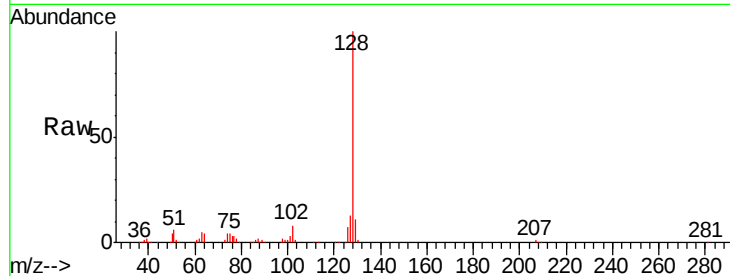
#95
Naphthalene
Concen: 21.78 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006199.D
Acq: 19 Oct 2018 03:29

Instrument :
MSVOA_W
ClientSampleId :
VW1018SBS02

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	160523		
127	13.0	10.3	15.5	
129	11.0	8.7	13.1	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 21.68 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006199.D
Acq: 19 Oct 2018 03:29

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	83075		
182	95.7	47.8	143.3	
145	30.6	15.0	45.1	

